

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

CONTRACT NO. PS68103079

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

FIRM FIXED PRICE CONTRACT

BETWEEN

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

AND

XEROX STATE & LOCAL SOLUTIONS, INCORPORATED

JULY 1, 2014

EFFECTIVE DATE

**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
FIRM FIXED PRICE CONTRACT**

CONTRACT NO: PS68103079

Between

**LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY
ONE GATEWAY PLAZA
LOS ANGELES, CA 90012-2952**

and

**XEROX STATE AND LOCAL SOLUTIONS, INCORPORATED
12410 MILESTONE CENTER DRIVE
GERMANTOWN, MD 20876**

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

This Contract is entered into by and between the Los Angeles County Metropolitan Transportation Authority (Metro), and Xerox State and Local Solutions, Incorporated (Contractor).

In consideration of the mutual covenants of the parties as set forth below, the parties hereby agree as follows:

ARTICLE I: CONTRACT DOCUMENTS ORDER OF PRECEDENCE

- A. This Contract includes this Form of Contract and the other following Contract Documents and Attachments, which are incorporated herein and made a part of this Contract.
- B. Except as otherwise specified herein, in the event of any conflict, the precedence of the Contract Documents shall be as follows:
 - 1. Form of Contract
 - 2. Regulatory Requirements, (Pro Form 039, Dated 11.02.09)
 - 3. Special Provisions, (Pro Form 089, Dated 10.20.09)
 - 4. General Conditions, (Pro Form 038, Dated 07.01.09)
 - 5. Compensation and Payment Provisions, Firm Fixed Price, (Pro Form 040, Dated 07.01.09)
 - 6. Insurance, Exhibit A
 - 7. Statement of Work, Exhibit B
 - 8. Contract Project Schedule, Exhibit C

9. Price & Payment Summary, Exhibit D

- C. An Amendment or Change to this Contract shall take its precedence from the term it amends. All other documents and terms and conditions shall remain unchanged.

ARTICLE II: DEFINITIONS

Capitalized terms, abbreviations and symbols used in this Contract are defined in the Article in the General Conditions entitled GLOSSARY OF TERMS. Additional terms may be defined in the Special Provisions or the Statement of Work.

ARTICLE III: WORK TO BE PERFORMED

Contractor shall perform the Work as is more fully described in the Statement of Work, to continue Photo Enforcement Program on the Gold, Orange, Blue, and Exposition I Lines (see Exhibit B).

ARTICLE IV: COMPENSATION

A. Contract Price

In consideration of the Contractor's full performance of the Work, and in accordance with the terms of the Contract, Metro will pay the Contractor the Contract Price of \$19,091,058.00 as provided in this Article and in the Contract Document entitled Compensation and Payment Provisions.

B. Payment Schedule

Except as otherwise expressly provided, the Contract Price shall be paid to the Contractor based Payment Schedule attached hereto as Exhibit C.

C. Applications for Progress Payments

All Applications for Progress Payments shall be submitted in writing in accordance with the Contract Documents entitled COMPENSATION AND PAYMENT AND THE SPECIAL PROVISIONS, as applicable, and delivered or mailed to Metro as follows:

Los Angeles County Metropolitan Transportation Authority
Accounts Payable
P.O. Box 512296
Los Angeles, CA 90051-0296
Contract No. **PS68103079**

D. Final Payment

The Application for Final Payment shall be marked **FINAL** and a copy sent to Metro's Authorized Representative.

E. Effective January 1, 2009, Metro started payment of invoices via Electronic Funds Transfer (EFT) which guarantees faster payments and is a more secure and efficient way to make payments. If you have not already done so, you will be required to sign up for EFT, unless you request a waiver in writing. Please call (213) 922-6811, then press option # 7 for EFT forms.

ARTICLE VI: OPTION

Metro shall have the right to exercise the Option for Rear Video Cameras to support 114 locations in accordance with Statement of Work paragraph 2.0 B. The Option shall be valid for a year from the effective date of Contract.

OPTION	DESCRIPTION	Quantity	Unit Price	Total Price
1	Rear Video Cameras	114 Locations	\$30,190.59	\$3,441,728.00

ARTICLE V: CONTRACT TERM AND PERIOD OF PERFORMANCE

The Effective Date of this Contract is **July 1, 2014**. The Period of Performance of this Contract shall begin on **July 1, 2014** (hereinafter "Commencement Date"). Contractor shall complete all Work under the Contract within ninety-six (96) calendar months (**June 30, 2022**) after the Commencement Date, unless this Contract is terminated earlier or extended by Metro, in writing, as provided in the Contract.

ARTICLE VI: LIMITATION OF FUNDS

Funding for this Contract is based upon the availability of funds determined by Metro's fiscal budget, which runs from July 1 through June 30 of each fiscal year. If funding is not approved for any subsequent fiscal year during which this Contract is in effect, Metro will issue a stop work notice.

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ARTICLE VII: ENTIRE AGREEMENT

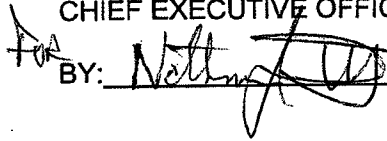
This Contract includes this Form of Contract, all other Contract Documents incorporated pursuant to Article I herein, and all Attachments and other documents incorporated herein by inclusion or by reference, and constitutes the complete and entire agreement between Metro and Contractor and supersedes any prior representations, understandings, communications, agreements or proposals, oral or written.

XEROX LOCAL SOLUTIONS, INC
12410 MILESTONE CENTER DRIVE
GERMANTOWN, MD 20876

**LOS ANGELES COUNTY
METROPOLITAN
TRANSPORTATION AUTHORITY**



**ARTHUR T. LEAHY
CHIEF EXECUTIVE OFFICER**

For BY: 

MARK TALBOT
Senior Vice President

June 20, 2014
DATE

BY: Mark Talbot
(PRINT OR TYPE NAME)

Senior Vice President
TITLE

**APPROVED AS TO FORM
JOHN F. KRATTLI
ACTING COUNTY COUNSEL**

June 12, 2014

DATE

BY: _____
DEPUTY

TAX ID NO.: 13-1996647

EXHIBIT A – INSURANCE REQUIREMENTS

Photo Enforcement Program Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons, or damages in property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, or employees. As respects Dishonesty and Crime, coverage must be maintained, and evidence provided, for two years following the expiration of this contract.

MINIMUM SCOPE OF INSURANCE

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (occurrence form CG0001)
2. Insurance Services Office form number CA0001 covering Automobile Liability.
3. Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance.
4. Railroad Protective Liability
5. Professional Liability Insurance appropriate to the Contractor's profession
6. Employee Dishonesty and Crime Bond.

MINIMUM LIMITS OF INSURANCE

Contractor shall maintain limits no less than:

1. Commercial General Liability: \$5,000,000 per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, the general aggregate limit shall be twice the required occurrence limit or \$10,000,000. Products/Completed Operations aggregate shall apply separately to this contract/agreement or the aggregate limit shall be twice the required per occurrence limit.
2. Commercial Automobile Liability: \$2,000,000 per accident for bodily injury and property damage.
3. Workers' Compensation to comply with California's statutory requirements.
4. ~~Railroad Protective: \$5,000,000 per occurrence~~
5. Professional Liability with limits of not less than \$2,000,000 per claim.
6. Employee Dishonesty & Crime Bond in the amount of \$2,000,000 which includes coverage for Money & Security of Others.

OTHER INSURANCE PROVISIONS

The insurance policies required per the terms of the contract are to contain, or be endorsed to contain, the following provisions:

1. The Los Angeles Metropolitan Transportation Authority (LACMTA), its subsidiaries, officials and employees are to be covered as additional insured as respects liability arising out of the activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, occupied or used by the Contractor; or automobiles owned leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to LACMTA, its subsidiaries, officials and employees.
2. For any claims related to this project, the Contractor's insurance coverage shall be primary insurance as respects LACMTA, its subsidiaries, officials and employees. Any insurance or self-insurance maintained by LACMTA shall be excess of the Contractor's insurance and shall not contribute with it.

3. Any failure to comply with reporting or other provisions of the policies including breaches of warranties shall not affect coverage provided to LACMTA, its subsidiaries, officials and employees.
4. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. Contractor shall provide at least thirty (30) days prior written notice to LACMTA in the event of insurance cancellation or material change.
6. Workers' Compensation and Employer's Liability policies shall provide a waiver of subrogation in favor of LACMTA.
7. The Employee Dishonesty & Crime Bond, or similar form shall be continued, and evidence provided to LACMTA, for two years following the expiration of the contract or, tail coverage provided for two years in the event of cancellation or non-renewal.
8. Railroad Protective Liability in the amount of \$5,000,000 per occurrence written in the name of LACMTA shall be obtained to satisfy this coverage requirement. As an alternate to this requirement, the Commercial General Liability may remove the exclusion for work performed within 50ft of railroad track and evidence provided on the certificate of insurance.

DEDUCTIBLES, SELF-INSURED RETENTIONS & SELF INSURANCE

Self-Insurance, for liability and worker's compensation, may be permitted at Metro's discretion. Evidence of liability insurance may be satisfied with self-insurance, at Metro's discretion. Any deductibles, self-insured retentions or programs of self insurance must be declared to, and amounts over \$25,000 approved by LACMTA.

ACCEPTABILITY OF INSURERS

Insurance is to be placed with California admitted insurers with a current A.M. Best's rating of no less than A-VII, unless otherwise approved by LACMTA or non-admitted carriers on the California Department of Insurance's approved list.

VERIFICATION OF COVERAGE

Contractor shall furnish LACMTA with original endorsements and certificates of insurance evidencing coverage required by this clause. All documents are to be signed by a person authorized by that insurer. All documents are to be received and approved by LACMTA before work commences. If LACMTA requests copies of applicable insurance policies during this Contract, Contractor shall make the applicable insurance policy sections available for review purposes at a local Contractor office or at a Contractor Insurance Broker's office within 10 days of such request. Contractor may review such applicable policy sections and take notes but no copies may be made by LACMTA. Such applicable copies may be made available during a legal discovery period.

SUBCONTRACTORS

Contractor shall include all subcontractors as insured under its policies or shall furnish separate certificates and endorsement for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated herein. If requested by LACMTA, the Contractor shall submit copies of all required insurance policies, including endorsements affecting the coverage require

REGULATORY REQUIREMENTS

RR-01 ADMINISTRATIVE CODE *

A. Applicability

This Article applies to all contracts.

B. Metro Administrative Code

Contractor warrants and represents that it has read and understands Title 4, Procurement, and Title 5, Ethics, of the **Metro Administrative Code** (hereinafter "Administrative Code" - available at **www.metro.net/images/MTA Administrative Code Enactment.pdf**), and will comply with each and every one of those requirements in accordance with their terms to the extent that they are applicable to contractors doing business with Metro. All definitions used in the Administrative Code are hereby incorporated herein as though fully set forth.

Without reducing or affecting its obligation to comply with any and all provision of the Administrative Code, as applicable, Contractor specifically warrants, represents and covenants that it will:

1. Comply with:
 - a. Chapter 5-20, Contractor Code of Conduct;
 - b. Chapter 5-25, Lobbying the Metro; and
 - c. Chapter 5-35, Metro Conflict of Interest Code, and
2. Not induce, attempt to induce, or solicit:
 - a. Board members to violate Chapter 5-10;
 - b. Metro employees to violate Chapter 5-15;
 - c. Metro Financial employees to violate Chapter 5-30: or
 - d. Either Board members, Metro employees or Metro Financial employees to violate any other provision of the Administrative Code.

C. Compliance with §§1090 et. seq. and §§87100 et. seq. of the California Government Code

Contractor shall comply with all applicable provisions of §§1090 et. seq. and §§87100 et. seq. of the California Government Code. Without reducing or affecting its obligation to comply with any and all of said provisions, Contractor specifically covenants:

1. Contractor shall not cause or permit any member, officer, or employee of Metro to have any financial interest in the Contract;
2. Contractor shall not enter into any Subcontract involving services or property with a person or business prohibited from transacting such business with Metro;
3. Contractor warrants and represents that to its knowledge no Board member, officer, or employee of Metro has any interest, whether contractual, non-contractual, financial or otherwise, in this Contract, or in the business or any other contract or transaction of the Contractor or any Subcontractor and that if any such interest comes to Contractor's knowledge at any time, Contractor shall make a full and complete disclosure of all such information in writing to Metro.

D. Campaign Contributions

Neither Contractor nor its Agents shall give or offer to give any campaign contribution to any member of Metro's Board of Directors in violation of the California Government Code §§84300 et seq or of the Administrative Code. Contractor shall submit a Certification of Campaign Contributions with all COs of two hundred thousand dollars (\$200,000) or more.

E. Environmental Management System (EMS) Policy

Contractor represents that during the performance of the Contract it will assist Metro in achieving the principles of Metro's EMS Policy, available at **Environmental Management System (EMS) Policy** and Contractor further commits that it shall adhere to the applicable EMS Policy principles in its choice of means and methods in the performance of the Work.

RR-02 DISCRIMINATION *

A. Applicability

This Article applies to all contracts.

- B.** In connection with the performance of Work provided for under this Contract, Contractor agrees that it will not, on the grounds of race, religious creed, color, national origin, ancestry, physical disability, medical condition, marital status, sex, sexual orientation, or age, discriminate or permit discrimination against any person or group of persons in any manner prohibited by Federal, State or local laws.

RR-03 WHISTLEBLOWER REQUIREMENTS *

A. Applicability

This Article applies to all contracts.

- B. Contractor shall not adopt any rule, regulation or policy preventing an employee from disclosing information to a government or law enforcement agency, where the employee believes the information discloses violation or noncompliance with a state or Federal regulation; nor shall Contractor retaliate against an employee for taking such actions as set forth in the California Labor Code §1101 et. seq.

RR-04 PUBLIC RECORDS ACT *

A. Applicability

This Article applies to all contracts.

- B. Except as otherwise provided herein, all records, documents, drawings, plans, specifications, and all other information relating to the conduct of Metro's business, including all information and documents submitted by Contractor ("**Records**"), shall become the exclusive property of Metro and shall be deemed public records. Said Records are subject to the provisions of the California Public Records Act (Government Code §6250 et. seq.). Metro's use and disclosure of its records are governed by this Act. Metro will use its best efforts to inform the Contractor of any request for any financial records or documents marked "Trade Secret", "Confidential" or "Proprietary" provided by Contractor to Metro. Metro will not advise as to the nature or content of documents entitled to protection from disclosure under the California Public Records Act.
- C. In the event of litigation concerning the disclosure of any Records, Metro's sole involvement will be as a stakeholder, retaining the Records until otherwise ordered by a court. The submitting party, at its sole expense and risk, shall be fully responsible for any and all fees for prosecuting or defending any action concerning the Records and shall indemnify and hold Metro harmless from all costs and expenses including attorney's fees in connection with any such action.

RR-05 ACCESS TO RECORDS

A. Applicability

This Article applies to all federally funded contracts.

- B. Contractor agrees to provide Metro, the FTA Administrator, the Comptroller General of the United States or any of their authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to this Contract for the purposes of making audits, examinations, excerpts and transcriptions. Contractor also agrees, pursuant to 49 C. F. R. 633.17 to provide the FTA Administrator or the FTA's authorized representatives, including any FTA Project Management Oversight Contractor, access to Contractor's records and construction sites pertaining to a major capital project, defined at 49 U.S.C. 5302(a)1, which is

receiving federal financial assistance through the programs described at 49 U.S.C. 5307, 5309 or 5311.

- C. If this Contract is for a capital project or improvement (defined at 49 U.S.C. 5302(a)1) and was entered in to through other than competitive bidding, the Contractor shall make records related to this Contract available to Metro, the Secretary of Transportation and the Comptroller General or any authorized officer or employee of any of them for the purposes of conducting an audit and inspection.
- D. Contractor shall permit any of the foregoing parties to reproduce without any cost by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
- E. Contractor shall maintain all books, records, accounts and reports required under this Contract for a period of not less than three years after the date of termination or expiration of this Contract, except in the event of litigation or settlement of claims arising from the performance of this Contract, in which case Contractor agrees to maintain same until Metro, the FTA Administrator, the Comptroller General, or any of their duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto.

RR-06

FEDERAL FUNDING, INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS, AND FEDERAL CHANGES*

A. Applicability

This Article applies to all federally funded contracts.

- B. This Contract includes, in part, certain Standard Terms and Conditions required by DOT, whether or not expressly set forth in the Contract provisions. All contractual provisions required by DOT, as set forth in FTA Circular 4220.1F, dated November 1, 2008 (including any changes, revisions or successor circulars) is automatically hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Contract. Contractor shall not perform any act, fail to perform any act, or refuse to comply with any Metro requests which would cause Metro to be in violation of the FTA terms and conditions.

This Contract is subject to a financial assistance agreement between Metro and the Federal Transit Administration of the US Department of Transportation and all laws, regulations, guidelines, and provisions of the financial assistance agreement apply to this Contract and are incorporated by reference as if fully set forth herein.

- C. Contractor shall at all times comply with all applicable federal laws and regulations, including without limitation FTA regulations, policies, procedures and directives, including those listed directly or by reference in Applicable Grant Agreements between Metro and FTA, as they may be amended or

promulgated from time to time during the term of this Contract collectively "Federal Requirements". These Federal Requirements may change and the changed Federal Requirements will apply to this Contract as required unless the Federal Government determines otherwise. Contractor's failure to so comply with the Federal Requirements shall constitute a material breach of this Contract.

RR-07 ENERGY CONSERVATION REQUIREMENTS

A. Applicability

This Article applies to all federally funded contracts.

- B.** Contractor shall comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act 42 USC §6321 et seq.

RR-08 CIVIL RIGHTS REQUIREMENTS *

A. Applicability

This Article applies to all federally funded contracts.

- B.** Nondiscrimination - In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. § 2000d, section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6102, section 202 of the Americans with Disabilities Act of 1990, 42 U.S.C. § 12132, and Federal transit law at 49 U.S.C. § 5332, Contractor shall not discriminate against any employee or applicant for employment because of race, color, creed, national origin, sex, age, or disability. In addition, Contractor shall comply with applicable Federal implementing regulations and other implementing requirements FTA may issue.

C. Equal Employment Opportunity

- (a) Race, Color, Creed, National Origin, Sex - In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. § 2000e, and Federal transit laws at 49 U.S.C. § 5332, Contractor shall comply with all applicable equal employment opportunity requirements of U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Parts 60 et seq. , (which implement Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. § 2000e note), and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect activities undertaken in the course of the Contract. Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without

regard to their race, color, creed, national origin, sex, or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, Contractor shall comply with any implementing requirements FTA may issue.

- (b) Age - In accordance with section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 U.S.C. § 623 and Federal transit law at 49 U.S.C. § 5332, Contractor shall refrain from discrimination against present and prospective employees for reason of age. In addition, Contractor shall comply with any implementing requirements FTA may issue.
- (c) Disabilities - In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. § 12112, Contractor shall comply with the requirements of U.S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630, pertaining to employment of persons with disabilities. In addition, Contractor shall comply with any implementing requirements FTA may issue.

RR-09 NO GOVERNMENT OBLIGATION TO THIRD PARTIES *

A. Applicability

This Article applies to all federally funded contracts.

- B.** Notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award this Contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this Contract and shall not be subject to any obligations or liabilities to Metro, Contractor, or any other party (whether or not a party to that Contract) pertaining to any matter resulting from this Contract.

Contractor shall include this Article in each Subcontract and shall not modify the Article, except to identify the Subcontractor who will be subject to its provisions.

RR-10 PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS *

A. Applicability

This Article applies to all federally funded contracts.

- B.** The provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. § 3801 et seq. and U.S. DOT regulations, "Program Fraud Civil Remedies," 49 C.F.R. Part 31, shall apply to actions pertaining to

this Contract. Upon execution of this Contract, Contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining this Contract or the FTA assisted project for which this Contract work is being performed. In addition to other penalties that may be applicable, Contractor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on Contractor to the extent the Federal Government deems appropriate.

- C. Contractor also acknowledges that this Contract is connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U.S.C. § 5307 and if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government, the Government reserves the right to impose the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5307(n)(1) on Contractor, to the extent the Federal Government deems appropriate.
- D. Contractor shall include this Article in each subcontract financed in whole or in part with Federal assistance provided by FTA. Contractor shall not modify the Article, except to identify the Subcontractor who will be subject to the provisions.

RR-11 SUSPENSION AND DEBARMENT*

A. Applicability

This article applies to federally funded contracts and subcontracts at any level expected to equal or exceed \$25,000 as well as any contract or subcontract (at any level) for Federally required auditing services.

- B. This Contract is a covered transaction for purposes of 49 CFR Part 29. As such, Contractor shall verify that none of the Contractor, its principals, as defined at 49 CFR 29.995, or affiliates, as defined at 49 CFR 29.905, are excluded or disqualified as defined at 49 CFR 29.940 and 29.945.

Contractor shall comply with 49 CFR 29, Subpart C and shall include the requirement to comply with 49 CFR 29, Subpart C in any lower tier covered transaction it enters into.

- C. By entering into this Contract, Contractor certifies that it shall comply with the requirements of 49 CFR 29, Subpart C throughout the period of this Contract.

This certification is a material representation of fact relied upon by Metro. If it is later determined that Contractor knowingly rendered an erroneous certification, in addition to remedies available to Metro, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment .

RR-12 RECYCLED PRODUCTS

A. Applicability

This Article applies to federally funded operations/management, construction, or materials & supplies contracts for items designated by the Environmental Protection Agency, when procuring \$10,000 or more per year.

- B.** To the extent practicable and economically feasible, a competitive preference shall be given for products and services that conserve natural resources and protect the environment and are energy efficient.

RR-13 CLEAN WATER AND CLEAN AIR REQUIREMENTS*

A. Applicability

This Article applies to all federally funded contracts over \$100,000.

B. CLEAN WATER REQUIREMENTS

Contractor shall comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq., and all applicable clean water standards of the State of California and any state or local agency having jurisdiction. Contractor shall report each violation to Metro. Metro will, in turn, report each violation as required to FTA and the appropriate EPA Regional Office, and all other agencies having jurisdiction.

C. CLEAN AIR

Contractor shall comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. §§ 7401 et seq. and all applicable Clean Air Standards of the State of California or any state or local agency having jurisdiction. Contractor shall report each violation to Metro. Metro will, in turn, report each violation as required to FTA, the appropriate EPA Regional Office and all other agencies having jurisdiction.

RR-14 COMPLIANCE WITH FEDERAL LOBBYING POLICY *

A. Applicability

The following Article applies to federally funded contracts over \$100,000.

- B.** The Byrd Anti-Lobbying Amendment, 31 U.S.C. 1352, requires that Contractors who apply or bid for an award of \$100,000 or more shall file the certification required by 49 CFR Part 20, attached hereto as the certification entitled, "Certification of Compliance with Federal Lobbying Requirements." As set forth in the certifications, each tier of subcontractors shall certify to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer

or employee of any agency, a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose the name of any registrant under the Lobbying Disclosure Act of 1995 who has made lobbying contacts on its behalf with non-Federal funds with respect to that Federal contract, grant or award covered by 31 U.S.C. 1352. Such disclosures shall be forwarded from tier to tier up to Metro.

RR-15 BUY AMERICA *

A. Applicability

The following Article applies to federally funded rolling stock purchase and construction contracts over \$100,000 and to contracts over \$100,000 for materials & supplies for steel, iron, or manufactured products.

- B.** Contractor shall comply with 49 U.S.C. 5323(j) and 49 CFR Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA-funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver.

Metro may investigate Contractor's, any Subcontractor's, and any Supplier's compliance with this Article. If an investigation is initiated, Contractor, Subcontractor, or Supplier shall document its compliance, in accordance with 49 CFR 661.15, and cooperate with the investigation. Contractor shall incorporate the Buy America conditions set forth in this Article in every subcontract or purchase order and shall enforce such conditions.

RR-16 CARGO PREFERENCE*

A. Applicability

The following Article applies to federally funded contracts involving equipment, materials, or commodities which may be transported by ocean vessels

B. USE OF UNITED STATES FLAG VESSELS

Contractor shall use privately owned United States-Flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this Contract to the extent such vessels are available at fair and reasonable rates for United States-Flag commercial vessels

Contractor shall furnish within 20 working days following the date of loading for shipments originating within the United States or within 30 working days following the date of leading for shipments originating outside the United States, a legible copy of a rated, "on-board" commercial ocean bill-of -lading

in English for each shipment of cargo described in the preceding paragraph to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590 and to the Metro (through Contractor in the case of a subcontractor's bill-of-lading.)

Contractor shall include these requirements in all subcontracts issued pursuant to this Contract when the subcontract may involve the transport of equipment, material, or commodities by ocean vessel.

RR-17 FLY AMERICA

A. Applicability

This Article applies to federally funded contracts if the contract or subcontracts may involve the international transportation of goods, equipment, or personnel by air.

- B.** Contractor agrees to comply with 49 U.S.C. 40118 (the "Fly America" Act) in accordance with the General Services Administration's regulations at 41 CFR Part 301-10, which provide that recipients and subrecipients of Federal funds and their contractors are required to use U.S. Flag air carriers for U.S. Government-financed international air travel and transportation of their personal effects or property, to the extent such service is available, unless travel by foreign air carrier is a matter of necessity, as defined by the Fly America Act. Contractor shall submit, if a foreign air carrier was used, an appropriate certification or memorandum adequately explaining why service by a U.S. flag air carrier was not available or why it was necessary to use a foreign air carrier and shall, in any event, provide a certificate of compliance with the Fly America requirements. Contractor agrees to include the requirements of this section in all subcontracts that may involve international air transportation.

RR-18 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT *

A. Applicability

This Article applies to federally funded construction contracts over \$100,000 (including ferry vessels), rolling stock purchases over \$100,000 and to operations/management contracts over \$100,000 (except transportation services)

- B.** Pursuant to the Labor Standards Provisions Applicable to Non-construction Contracts subject to the Federal Contract Work Hours and Safety Standards Act, 40 U.S.C.A. § 327 through 332 as implemented by U.S. Department of Labor regulations, 29 CFR 5.5 (b) and (c) Contractor and Subcontractor's contracting for any part of the Contract work shall comply with the following:

- 1. Overtime requirements** – Neither Contractor nor any Subcontractor contracting for any part of the Contract work that requires or involves the employment of laborers or mechanics shall require or permit any such

laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

- 2. Violation; liability for unpaid wages; liquidated damages** – In the event of any violation of the Article set forth in paragraph 1 of this Section Contractor and any Subcontractor responsible therefore shall be liable for the unpaid wages. In addition, Contractor and Subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the Article set forth in paragraph 1 of this Section, in the sum of ten dollars (\$10) for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the Article set forth in paragraph 1 of this Section.
- 3. Withholding for unpaid wages and liquidated damages** – Metro shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any monies payable on account of work performed by Contractor or Subcontractor under the Contract or any other Federal contract with Contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by Contractor, such sums as may be determined to be necessary to satisfy any liabilities of Contractor or Subcontractor for unpaid wages and liquidated damages as provided in the Article set forth in paragraph 2 of this Section.
- 4. Subcontracts** – Contractor or Subcontractor shall insert in any Subcontracts the Articles set forth in this Section and also a Article requiring the Subcontractors to include these Articles in any lower tier Subcontracts. Contractor shall be responsible for compliance by any Subcontractor or lower tier Subcontractor with the Articles set forth in this Section.
- 5. Payrolls and basic records** – The records to be maintained hereinabove shall be made available by Contractor or Subcontractor for inspection, copying, or transcription by Metro and U.S. Dept. of Labor. Contractor and Subcontractor shall maintain payrolls and basic records during the course of the work and shall preserve them for a period of three (3) years from the completion of the Contract for all laborers and mechanics, including guards and watchmen, working on the Contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made and actual wages paid.

RR-19**SEISMIC SAFETY****A. Applicability**

This Article applies to federally funded Architect & Engineer contracts for the design of new buildings or additions to existing buildings and to contracts for the construction of new buildings or additions to existing buildings.

- B.** Any new building or addition to an existing building shall be designed and constructed in accordance with the standards for Seismic Safety required in Department of Transportation Seismic Safety Regulations 49 CFR Part 41 and Contractor shall certify to compliance to the extent required by the regulation. Contractor shall ensure that all work performed under this Contract, including work performed by a Subcontractor, is in compliance with the standards required by the Seismic Safety Regulations and the certification of compliance issued on the project.

RR-20**ADA ACCESS****A. Applicability**

This Article applies to federally funded Architect & Engineer, Operations/Management, Rolling Stock Purchase, and Construction contracts

B. Access Requirements for Persons with Disabilities

Contractor shall comply with:

1. The requirements of 49 U.S.C. § 5301(d), which states the Federal policy that elderly persons and persons with disabilities have the same right as other persons to use mass transportation service and facilities, and that special efforts shall be made in planning and designing those services and facilities to implement that policy;
2. All applicable requirements of section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. § 794, which prohibits discrimination on the basis of handicaps;
3. The Americans with Disabilities Act of 1990 (ADA), as amended, 42 U.S.C. § 12101 *et seq.*, which requires that accessible facilities and services be made available to persons with disabilities, including any subsequent amendments to that Act;
4. The Architectural Barriers Act of 1968, as amended, 42 U.S.C. §§ 4151 *et seq.*, which requires that buildings and public accommodations be accessible to persons with disabilities, including any subsequent amendments to that Act; and
5. All applicable requirements of the following regulations and any subsequent amendments thereto:

- (1) U.S. DOT regulations, "Transportation Services for Individuals with Disabilities (ADA)," 49 C.F.R. Part 37;
- (2) U.S. DOT regulations, "Nondiscrimination on the Basis of Handicap in Programs and Activities Receiving or Benefiting from Federal Financial Assistance," 49 C.F.R. Part 27;
- (3) Joint U.S. Architectural and Transportation Barriers Compliance Board (U.S. ATBCB)/U.S. DOT regulations, "Americans With Disabilities (ADA) Accessibility Specifications for Transportation Vehicles," 36 C.F.R. Part 1192 and 49 C.F.R. Part 38;
- (4) U.S. DOJ regulations, "Nondiscrimination on the Basis of Disability in State and Local Government Services," 28 C.F.R. Part 35;
- (5) U.S. DOJ regulations, "Nondiscrimination on the Basis of Disability by Public Accommodations and in Commercial Facilities," 28 C.F.R. Part 36;
- (6) U.S. General Services Administration (U.S. GSA) regulations, "Accommodations for the Physically Handicapped," 41 C.F.R. Subpart 101-19;
- (7) U.S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630;
- (8) U.S. Federal Communications Commission regulations, "Telecommunications Relay Services and Related Customer Premises Equipment for the Hearing and Speech Disabled," 47 C.F.R. Part 64, Subpart F; and
- (9) U.S. ATBCB regulations, "Electronic and Information Technology Accessibility Standards," 36 C.F.R. Part 1194; and
- (10) FTA regulations, "Transportation for Elderly and Handicapped Persons," 49 C.F.R. Part 609;
- (11) Any implementing requirements FTA may issue.

RR-21

ALCOHOL AND DRUG-FREE WORKPLACE PROGRAM *

A. Applicability

This Article applies to federally funded contracts for transit operations.

B. FTA Prevention of Alcohol Misuse and Prohibited Drug Use in Transit Operations Regulations

Contractor and its Subcontractors shall comply with the FTA anti-drug and alcohol misuse regulations (49 CFR Part 655) and the U.S. Department of Transportation (DOT) Procedures for Transportation Workplace Drug and Alcohol Testing Programs (49 CFR Part 40) to the full extent that they are, by their terms, applicable to Contractor and its Subcontractors. The regulations apply to all "contractors" that have "covered employees" that perform "safety sensitive functions" as those terms are defined in the regulations.

C. Certificate of Compliance

The CERTIFICATE OF COMPLIANCE WITH 49 CFR PARTS 655, PREVENTION OF ALCOHOL MISUSE AND PROHIBITED DRUG USE IN TRANSIT, submitted by Contractor prior to award, is incorporated as part of the Contract Documents.

D. Drug and Alcohol Testing Program

In the event that any part of the Work under this Contract falls within the scope of 49 CFR Part 655, Contractor, and its Subcontractors (as applicable), shall implement all programs required under the regulations, including without limitation, a Drug and Alcohol Testing Program and an anti-drug use and alcohol misuse program, in full compliance with the regulations.

E. Alcohol and Drug Free Workplace Program

In addition to the above, for Work performed on Metro property, Contractor shall provide an Alcohol and Drug-free Workplace Program in accordance with FTA requirements found at <http://transit-safety.volpe.dot.gov/Safety/DATesting.asp>.

RR-22 TRANSIT EMPLOYEE PROTECTIVE ARRANGEMENTS *

A. Applicability

Subject to the limitations in Sections B, C and D, this Article applies if this Contract involves transit operations to be performed by employees of a Contractor recognized by FTA to be a transit operator, and if FTA has determined that it is financed in whole or in part with Federal assistance.

B. General Transit Employee Protective Requirements

If FTA has determined that this Contract involves transit operations financed in whole or in part with Federal assistance (other than Federal assistance authorized by 49 U.S.C. § 5310(a)(2) or 49 U.S.C. § 5311), and if the U.S. Secretary of Transportation has determined that the employee protective requirements of 49 U.S.C. § 5333(b) are necessary or appropriate for Metro under this Contract, then Contractor shall perform the transit operations work under the Contract in compliance with terms and conditions, (a) determined

by the U.S. Secretary of Labor to meet the employee protective requirements of 49 U.S.C. A 5333(b), and U.S. Department of Labor ("U. S. DOL") guidelines at 29 C.F.R. Part 215, and any amendments thereto, and (b) stated in a U. S. DOL letter of certification to FTA, the date of which is set forth in the applicable Grant Agreement or Cooperative Agreement with Metro, and which is incorporated in the Form of Contract as a Contract Document entitled "U. S. DOL Certification".

C. Transit Employee Protective Requirements for Projects Authorized by 49 U.S.C. § 5310(a)(2) for Elderly Individuals and Individuals with Disabilities

If FTA has determined that this Contract involves transit operations financed in whole or in part with Federal assistance authorized by 49 U.S.C. § 5310(a)(2), and if the U.S. Secretary of Transportation has determined or determines in the future that the employee protective requirements of 49 U.S.C. § 5333(b) are necessary or appropriate for Metro under the Contract, Contractor shall perform the Work in compliance with the terms and conditions determined, (a) by the U.S. Secretary of Labor to meet the requirements of 49 U.S.C. § 5333(b), U.S. DOL guidelines at 29 C.F.R. Part 215, and any amendments thereto, and (b) stated in the U.S. DOL's letter of certification to FTA, the date of which is set forth in the applicable Grant Agreement or Cooperative Agreement with Metro, and which is incorporated in the Form of Contract as a Contract Document entitled "U. S. DOL Certification".

D. Transit Employee Protective Requirements for Projects Authorized by 49 U.S.C. § 5311 in Non urbanized Areas

If FTA has determined that this Contract involves transit operations financed in whole or in part with Federal assistance authorized by 49 U.S.C. § 5311, Contractor shall comply with the terms and conditions of the Special Warranty for the Non urbanized Area Program agreed to by the U.S. Secretaries of Transportation and Labor, dated May 31, 1979, and the procedures implemented by U.S. DOL or any revision thereto.

E. Indemnity

Contractor shall defend, indemnify and hold harmless Metro, and its Board Members, employees and agents from and against all liability, claims, demands actions, costs, judgments, penalties, damages, losses and expenses arising out of or in connection with Contractor's failure to comply with or failure to carry out its responsibilities under all applicable provisions of Sections B, C and D of this Article.

RR-23 CHARTER SERVICE OPERATIONS

A. Applicability

This Article applies to federally funded Operational Service Contracts.

- B. Contractor shall comply with 49 U.S.C. 5323(d) and 49 CFR Part 604, which provides that recipients and sub recipients of FTA assistance are prohibited from providing charter service using federally funded equipment or facilities if there is at least one private charter operator willing and able to provide the service, except under one of the exceptions at 49 CFR 604.9. Any charter service provided under one of the exceptions must be "incidental," i.e., it must not interfere with or detract from the provision of mass transportation.

RR-24 SCHOOL BUS REQUIREMENTS

A. Applicability

This Article applies to federally funded Operational Service Contracts

- B. Pursuant to 69 U.S.C. 5323(f) and 49 CFR Part 605, recipients and sub recipients of FTA assistance may not engage in school bus operations exclusively for the transportation of students and school personnel in competition with private school bus operators unless qualified under specified exemptions. When operating exclusive school bus service under an allowable exemption, recipients and sub recipients may not use federally funded equipment, vehicles, or facilities.

RR-25 FEDERAL PATENT AND DATA RIGHTS*

A. Applicability

This Article applies to each contract involving experimental, developmental or research work and for which the purpose of the FTA grant is to finance the development of a product or information.

B. Subject Data

The term "Subject Data" used in this Article means recorded information, whether or not copyrighted, that is delivered or specified to be delivered under the Contract. The term includes graphic or pictorial delineation in media such as drawings or photographs; text in specifications or related performance or design-type documents; machine forms such as punched cards, magnetic tape, or computer memory printouts; and information retained in computer memory. Examples include, but are not limited to: computer software, engineering drawings and associated lists, specifications, standards, process sheets, manuals, technical reports, catalog item identifications, and related information. The term "Subject Data" does not include financial reports, cost analyses, and similar information incidental to contract administration.

C. Restrictions on Subject Data

The following restrictions apply to all Subject Data first produced in the performance of the Contract:

1. Except for its own internal use, metro or Contractor may not publish or reproduce Subject Data in whole or in part, or in any manner or form, nor may metro or Contractor authorize others to do so, without the written consent of the Federal Government, until such time as the Federal Government may have either released or approved the release of such data to the public; this restriction on publication, however, does not apply to any contract with an academic institution.
2. In accordance with 49 C.F.R. § 18.34 and 49 C.F.R. § 19.36, the Federal Government reserves a royalty-free, non-exclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use, for "Federal Government purposes," any Subject Data or copyright described in subparagraphs C.2(a) and C.2(b) of this Paragraph C.2. As used in the previous sentence, "for Federal Government purposes," means use only for the direct purposes of the Federal Government. Without the copyright owner's consent, the Federal Government may not extend its Federal license to any other party.
 - (a) Any Subject Data developed under the Contract, whether or not a copyright has been obtained; and
 - (b) Any rights of copyright purchased by metro or Contractor using Federal assistance in whole or in part provided by FTA.
3. When FTA awards Federal assistance for experimental, developmental, or research work, it is FTA's general intention to increase transportation knowledge available to the public, rather than to restrict the benefits resulting from the work to participants in that work. Therefore, unless FTA determines otherwise, Metro and Contractor performing experimental, developmental, or research work required by the Contract shall permit FTA to make available to the public, either FTA's license in the copyright to any Subject Data developed in the course of the Contract, or a copy of the Subject Data first produced under the Contract for which a copyright has not been obtained. If the experimental, developmental, or research work, which is the subject of the Contract, is not completed for any reason whatsoever, all data developed under the Contract shall become Subject Data and shall be delivered as the Federal Government may direct. This Paragraph C.3 shall not apply to adaptations of automatic data processing equipment or programs for Metro's or Contractor's use whose costs are financed in whole or in part with Federal assistance provided by FTA for transportation capital projects.
4. Unless prohibited by state law, upon request by the Federal Government, Metro and Contractor shall indemnify, save, and hold harmless the Federal Government, its officers, agents, and employees acting within the scope of their official duties against any liability, including costs and expenses, resulting from any willful or intentional violation by Metro or Contractor of proprietary rights, copyrights, or right of privacy, arising out of the publication, translation, reproduction, delivery, use, or disposition of any data furnished under the Contract. Neither Metro nor Contractor shall be required to indemnify the Federal Government for any such liability

arising out of the wrongful act of any employee, official, or agent of the Federal Government

5. Nothing contained in this Article shall imply a license to the Federal Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Federal Government under any patent.
6. Data developed by Metro or Contractor and financed entirely without using Federal assistance provided by the Federal Government that has been incorporated into work required by the Contract is exempt from the requirements of Paragraphs 2, 3, and 4 of this Article, provided that Metro or Contractor identifies that data in writing at the time of delivery of the Contract Work.

D. Patent Rights

If any invention, improvement, or discovery is conceived or first actually reduced to practice in the course of or under the Contract, and that invention, improvement, or discovery is patentable under the laws of the United States of America or any foreign country, Metro and Contractor shall take actions necessary to provide immediate notice and a detailed report to the party at a higher tier until FTA is ultimately notified.

E. Provision of Rights in Invention to Federal Government

Unless the Federal Government later makes a contrary determination in writing, irrespective of Contractor's status (a large business, small business, state government or state instrumentality, local government, nonprofit organization, institution of higher education, individual), Metro and Contractor shall take the necessary actions to provide, through FTA, those rights in that invention due the Federal Government as described in U.S. Department of Commerce regulations, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," 37 C.F.R. Part 401.

END OF REGULATORY REQUIREMENTS

SPECIAL PROVISIONS (SERVICES)

All Articles, Subarticles, or portions of the Contract noted by an asterisk (*) shall be included in all Subcontracts of any tier.

SP-01 SBE PARTICIPATION

- A. The Contractor shall ensure that all Small Business Enterprise (SBE) requirements specified in the Contract have been met, and acknowledges that the SBE participation goal for the Contract is Fifteen percent (15%) of the Firm Fixed Price.
- B. Achievement of the goal shall be measured by SBE work completion and compensation.

SP-02 RESERVED

SP-03 ORGANIZATIONAL CONFLICTS OF INTEREST*

This Contract is subject to the restrictions against organizational conflicts of interest promulgated by the Federal Transit Administration in FTA Circular 4220.1F dated November 1, 2008 or successor circulars. Contractor shall not provide Project Management Assistance to Metro, under this Contract, related to any other or future contract which would constitute or create an organizational conflict of interest related to this Contract.

SP-04 NOTICES AND SERVICE THEREOF*

- A. Any Notice legally required to be given by one party to another under the Contract, including but not limited to those regarding interpretation of the Contract or changes thereto, shall be in writing and dated. The Notice shall be signed by the party giving such Notice or by a duly authorized representative of such party.
- B. Notices shall not be effective for any purpose whatever unless enclosed in a sealed envelope and transmitted by registered mail or any certifiable delivery service addressed to:

Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza
Los Angeles, California 90012-2952

Attention: Nathan Jones III, Contract Manager
Contract No.

- C. All Notices to the Contractor will be enclosed in a sealed envelope and transmitted by personal delivery to the Contractor or its authorized representative or by registered mail or any certifiable delivery service addressed as follows:

(Information will be incorporated at time of award)

D. Any Notice of changes of address shall be given according to the provisions of this Special Provision.

SP-05

APPROVED SUBCONTRACTORS AND SUPPLIERS*

Subcontractor	Services Performed	License Type and Number	DBE/ MBE/ WBE
Partners in Diversity	Temporary Help Services; Payroll Services		SBE
Los Angeles Signal Construction, Inc	Electrical Installation		SBE
Mesa Engineering	Red light enforcement cameras manufacturing		
Verizon Wireless	Communication		
Insight Direct	Computers, computer peripherals, and software		

Supplier	Material Supplied	DBE/ MBE/ WBE
Name Address Phone		

SP-06

RELEASE OF INFORMATION*

The Contractor shall not publish information or technical data acquired or generated by the Contractor in performing the Contract until such time as such information or technical data is released in published reports by the Los Angeles County Metropolitan Transportation Authority (Metro).

SP-07

INSURANCE

See Exhibit A

SP-08**WORKSITE ACCESS/RESTORATION (JANUARY 2002)****LEGAL ACCESS**

Metro will be responsible for, and provide legal access to, the hazardous locations, if applicable. It will be the Contractor's responsibility to comply with the terms of the access agreements, which are provided elsewhere under the Contract.

WORKSITE ACCESSIBILITY

It will be the Contractor's responsibility to determine accessibility to the Worksites with equipment proposed for use on the project. Some adjustment in Worksite locations can and will be made upon the approval of Metro to avoid obstructions or to allow better accessibility for equipment.

WORKSITE RESTORATION

Worksite Restoration will be accomplished by the Contractor (in the event the Contractor's, or Subcontractor's, vehicle, equipment or personnel disturb the Worksites) in accordance with the Scope of Work and upon the completion of Services at the Worksite or as further directed by Metro.

SP-09**LOSS PREVENTION**

- A. In performing the Contract, the Contractor shall at a minimum provide for protecting the lives and health of employees and other persons; preventing damage to property, goods; and avoiding work interruptions. For these purposes, the Contractor shall:
1. Provide appropriate safety barricades, signs, and signal lights;
 2. Comply with the safety policies of Metro and all applicable laws, standards, codes, rules, and regulations;
 3. Take additional measures Metro determines are reasonably necessary for this purpose. This determination, when delivered to the Contractor or the Contractor's Authorized Representative at the Worksite, shall be deemed sufficient Notice of the noncompliance and corrective action required. After receiving the determination, the Contractor shall immediately take corrective action. If the Contractor fails or refuses to take corrective action promptly, Metro may issue an order stopping all or part of the Services or Work until satisfactory corrective action has been taken. The Contractor shall not base any claim or request for equitable adjustment for additional time or money on any stop order issued under these circumstances.
 4. Maintain an accurate record of exposure data on all occurrence incident to Services performed under the Contract resulting in death, traumatic injury, occupational disease, or damage to property, materials, supplies,

or equipment. The Contractor shall report this data in the manner prescribed by Metro; and

5. Be responsible for its Subcontractor's compliance with this article.

SP-10 CONTRACTOR EQUIPMENT*

The Contractor shall be responsible for the maintenance of all equipment. Necessary ancillary equipment will also be kept in good repair and operating condition to ensure that Contractor's operations will proceed in an efficient and effective manner. Equipment substitutions may be made only with the consent of Metro.

SP-11 FINAL PAYMENT BOND

Contractor may post a final payment bond satisfactory to Metro to insure that the Contractor will pay all sums due to Metro as a result of the final audit of the Contract/Task Order. Upon the posting of the final payment bond, Metro will make final payment to the Contractor thirty (30) days after the presentation of the final payment application to Metro. In the event Contractor fails to post a final payment bond, Metro will make final payment thirty (30) days after completion of the final audit.

SP-12 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA

Without limiting the requirements contained elsewhere in the Contract:

- A. The Contractor agrees to submit a Material Safety Data Sheet (Department of Labor Form OSHA-20), as prescribed in Federal Standard No. 313B, for all hazardous substances five (5) days before delivery of the substance, whether or not listed in Appendix A of the Standard. This obligation applies to all substances delivered under the Contract which will involve exposure to hazardous substances or items containing these substances.
- B. "Hazardous substance", as used in this clause, is as defined in the Special Provision entitled SCOPE SPECIFIC DEFINITIONS.
- C. Neither the requirements of this article nor any act or failure to act by Metro shall relieve the Contractor of any responsibility or liability for the safety of Metro, Contractor, or Subcontractor personnel or property.
- D. Nothing contained in this article shall relieve the Contractor from complying with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous substances.
- E. Metro's rights in data furnished under the Contract with respect to hazardous substances are as follows:

1. To use, duplicate, and disclose any data to which this article is applicable. The purposes of this right are to:
 - a. apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous substance;
 - b. obtain medical treatment for those affected by the substance; and
 - c. have others use, duplicate, and disclose the data for Metro for these purposes.
2. To use, duplicate, and disclose data furnished under this article, in accordance with sub-subarticle E.1 above, in precedence over any other article of the Contract providing for rights in data.
3. That Metro is not precluded from using similar or identical data acquired from other sources.
4. That the data shall not be duplicated, disclosed, or released outside Metro, in whole or in part for any acquisition or manufacturing purpose.
5. The Contractor shall insert this article, including this paragraph, with appropriate changes in the designation of the parties, in subcontracts at any tier (including purchase designations or purchase orders) under the Contract involving hazardous material.
6. The term Hazardous Substances means any substance, material or waste, exposure to which results or may result in adverse affects on health or safety, including, without limitation, any substance defined as a hazardous substance under § 101 (14) of the Federal Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, or under § 25316 and 25317 of the California Health Safety Code, any substance or waste defined as a hazardous substance or hazardous waste under 8 CFR Part 5192 or 29 CFR Part 1910, and 29 CFR Part 1926, any substance, material or waste listed by the U.S. Department of Transportation and regulated as hazardous materials under 49 CFR Part 172.101 and appendices, any substance, material or waste requiring hazardous Substance Removal (as defined below), Asbestos and petroleum and petroleum by-products, waste, oil, crude oil and natural gas, lead and lead-based paint surfaces as defined in 24 CFR Part 570.608.
7. The Contractor may encounter Hazardous Substances, Asbestos, Gas Casings or USTs, lead or lead-based paint surfaces in structures, demolition materials and soils requiring Hazardous Waste Operations as defined by CAL/OSHA. All Hazardous Waste Operations are expressly excluded from this Contract and shall not be performed by Contractor under this Contract. Metro will furnish a specialty contractor to perform all Hazardous Waste Operations. In the event of a discovery of a condition requiring Hazardous Waste Operations, Contractor shall cease demolition

operations and continue Work in unaffected areas until Metro has remedied the hazard. Measurement of delay time will be defined in a Change Order issued by Metro under the General Conditions Article entitled CHANGES.

SP-13

CONTRACT SPECIFIC DEFINITIONS*

For Contracts dealing with hazardous materials

The General Conditions Article entitled GLOSSARY OF TERMS is modified to incorporate the definitions:

- A. **Hazardous Substances:** Any substance, material or waste, exposure to which results or may result in adverse effects on health or safety, including, without limitation: any substance defined as a hazardous substance under Section 101(14) of the federal Comprehensive Environmental Response, Compensation and Liability Act of 1980, Title 26 USC § 4611, and Title 42 USC § 9601, as amended, or under § 25316 and 25317 of the California Health and Safety Code; any substance or waste defined as a hazardous substance or hazardous waste under 8 CFR Part 5192, or 29 CFR Part 1910, and 29 CFR Part 1926; any substance, material or waste listed by the U.S. Department of Transportation and regulated as hazardous materials under 49 CFR Part 172.101 and appendices (as amended, modified or replaced from time to time); any substance, material or waste requiring Hazardous Substance Removal (as defined below), Asbestos and petroleum and petroleum by-products, waste oil, crude oil and natural gas; and designated wastes per Title 23, California Code of Regulations, Chapter 15, Article 2.
- B. **Hazardous Waste:** Any waste or combination of wastes as defined in 40 CFR Part 261.3, or regulated as hazardous waste in California pursuant to California Health and Safety Code, Chapter 6.5, Division 20, or defined as hazardous waste in 40 CFR Part 171.8, or listed by the U.S. Department of Transportation and regulated as hazardous under 49 CFR Part 172.101 and appendices (as amended, modified or replaced from time to time).
- C. **Disposal Facilities:** Includes, but is not limited to, Metro or Contractor contracted disposal facility, recycling facility, or treatment facility.
- D. **Generator:** A generator as defined in 40 CFR § 260.10, as amended from time to time or replaced under RCRA.

SP-14

CLEAN UP

Without limiting the requirements contained elsewhere in the Contract:

- A. The Contractor shall at all times keep the Worksite, including storage areas, free from accumulations of waste materials. Before completing the Services, the Contractor shall remove from the Worksite any rubbish, tools, scaffolding, goods that are not the property of Metro. Upon completing the Services, the

Contractor shall leave the Worksite in a clean, neat, and orderly condition satisfactory to Metro.

SP-15 PROTECTION OF METRO STRUCTURES, EQUIPMENT, AND VEGETATION

- A. The Contractor shall use reasonable care to avoid damaging existing structures, equipment, and vegetation on Metro Worksite. If the Contractor's failure to comply with the requirements of the Contract or failure to use reasonable care in performing the Services and causes damage to any of this property, the Contractor shall replace or repair the damage at no expense to Metro. If the Contractor fails or refuses to make such repair or replacement, the Contractor shall be liable for the costs incurred by Metro to effect the repairs or replacement. The costs may be deducted from the Total Contract Price.

SP-16 PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS*

- A. The Contractor shall preserve and protect all structures, equipment, and vegetation (such as trees, shrubs, and grass) on or adjacent to the Worksite, which are not to be removed and which do not unreasonably interfere with the Services required to be performed under the Contract. The Contractor shall only remove trees when specifically authorized to do so, and shall avoid damaging vegetation that will remain in place. If any limbs or branches of trees are broken during Contract performance, or by the careless operation of equipment, or by workmen, the Contractor shall trim those limbs or branches with a clean cut and paint the cut with a tree-pruning compound as directed by Metro.
- B. The Contractor shall protect from damage all existing improvements and utilities:
1. At or near the Worksite, and
 2. On adjacent property of a third party, the locations of which are made known to or should be known by the Contractor.
- C. The Contractor shall replace or repair any damage to those facilities, including those that are the property of a third party, resulting from failure to comply with the requirements of the Contract or failure to exercise reasonable care in performing the Services at no cost to Metro. If the Contractor fails or refuses to repair the damage promptly, Metro may have the necessary services performed and charge the cost to the Contractor.

SP-17 LIQUIDATED DAMAGES*

- A. For purposes of the Contract, the Parties agree to Liquidated Damages, as described below, because it will be impracticable or extremely difficult to ascertain or fix the actual damages which Metro will sustain.

B. The amount of Liquidated Damages per calendar day is fixed and determined by the Parties to each FFP Contract/Task Order as the Liquidated Damages that Metro will suffer by reason of such default and not by way of penalty. The amount of Liquidated Damages for each Contract/Task Order shall be set forth in the appropriate Schedules as attached to each Task Order. Liquidated Damages shall only apply to Firm Fixed Priced Contract/Task Order negotiated between Metro and the Contractor.

1. The Contractor and Metro agree that, should the Contractor fail to meet individual milestones and/or complete the Work within the time agreed upon in each Firm Fixed Price Contract/Task Order, or within such extra time as may be allowed for delays and extra work as provided herein, Metro will deduct and retain Liquidated Damages out of the moneys which may be due the Contractor every day that the time consumed in the execution of the Work exceeds the time allowed for its completion, or such additional time as may be agreed to by the parties.
2. The Contractor and Metro agree that, in the event the progress Schedules and reports are not submitted at the times required by the Contract/Task Order, Metro will deduct and retain Liquidated Damages out of the moneys which may be due the Contractor every day that the time consumed in the execution of the Work exceeds the time allowed for its completion, or such additional time as may be agreed to by the parties.
3. The Contractor and Metro agree that, in the event Record Drawings and documents are not produced and maintained as required by the Contract, Metro will deduct and retain Liquidated Damages out of the moneys which may be due the Contractor every day that the time consumed in the execution of the Work exceeds the time allowed for its completion, or such additional time as may be agreed to by the parties.
4. It is further mutually understood and agreed by and between Metro and the Contractor that the Liquidated Damages described above are additive for each and every day's delay except in the event that the time periods set forth in the FFP Contract/Task Order shall be adjusted based on any authorized extensions of time by Metro. Metro reserves the right to pursue one or more forms of Liquidated Damages for any occurrence giving rise to Liquidated Damages. Where two (2) or more Liquidated Damages categories may apply to the same event, only the single highest value Liquidated Damage category shall apply. It is further understood and agreed upon by and between Metro and the Contractor that Liquidated Damages will be assessed against Progress Payments. Metro will issue a deductive Contract Amendment/Task Order Revision for the amounts specified herein that will reduce the total value of the FFP Contract/Task Order. In the event the remaining balance due from the Contractor is insufficient to cover the full amount of assessed Liquidated Damages, Metro shall be authorized to recover such amounts from the retention established for the FFP Contract/Task Order.

SP-18 THE CONTRACTOR'S LICENSE

- A. The contracting firm and the majority owner of the subcontracting firm shall have the experience and professional capability to perform the work; and the majority owner of the subcontracting firm shall possess and maintain for the duration of the contract work, the appropriate State of California Professional license(s) and registration required.
- B. The majority Contractor and Subcontractor(s) must possess and maintain the appropriate State of California license and registration required for the contracted work throughout the duration of the Work. Proof of validity of such license and/or registration shall be provided on an annual basis.

SP-19 METRO MANAGEMENT OF CONTRACTOR'S PERSONNEL*

- A. In the event Metro determines it becomes necessary to request Contractor personnel to assist in the management of any Project, Metro may request the Contractor to assign its personnel to any Project subject to the direction of Metro's Project Manager or designee. Metro shall request such assignment of the Contractor's personnel through a Contract Amendment or individual Task Order approved by the Project Manager requesting such personnel. The Contractor shall advise Metro of its concurrence or rejection of the request within three (3) business days. If Contractor fails to advise Metro within the three (3) business day period, Contractor shall be deemed to concur with Metro's request.
- B. Any Contract Amendment/Task Order issued under this Special Provision shall include the following information:
 - 1. Name of Contractors personnel;
 - 2. Direct and indirect costs associated with the Contractor's personnel;
 - 3. Description of duties to be performed by Contractor's personnel;
 - 4. Description of the limit of authority, if any, of Contractor's personnel;
 - 5. Indemnification language to be provided by Metro in connection with the proposed duties of the Contractor's personnel; and
 - 6. All information required by Article 6 of the Form of Contract.
- C. For purposes of this Provision only, the Contractor's personnel identified in a Contract Amendment/Task Order issued under this Special Provision shall be defined as the Personnel.
- D. Metro shall provide the Personnel with office space and associated supplies and equipment necessary to perform the duties described under the Contract Amendment/Task Order. Metro shall have no obligation for any Contractor personnel who are not specifically identified in a Contract Amendment/Task Order issued under this Special Provision.
- E. Any document or work product produced, generated or reviewed by the Personnel in their capacity described in the Contract Amendment/Task Order shall be the property of Metro. Except for the Personnel's immediate superior

in the Contractor's Program office the Personnel shall not discuss their work assignment with any other Contractor personnel without prior consent of Metro's Project Manager.

- F. The Personnel shall perform the Work described in the Contract/Task Order in compliance with Metro's policies and procedures, including, without limitation, Metro's Ethics Policy, Code of Conduct and other applicable policies and procedures. Further, Personnel's work hours shall be compatible with Metro's normal work hours.
- G. During the term of the Contract/Task Order, the Personnel shall remain an employee of the Contractor and shall continue to have their salary and benefits paid for the Contractor. In no event will the Personnel be considered an Metro employee. Further the Personnel shall not receive any benefits normally accruing to Metro employees unless provided by the Contractor.
- H. Metro, in its sole discretion, has the right to terminate a Contract Amendment/Task Order issued pursuant to this Provision notwithstanding the duration stated in the Contract Amendment/Task Order or remove the Personnel at any time, all in accordance with the terms of the Contract.

SP-20

SUBCONTRACT ADMINISTRATION

In accordance with 49 CFR Part 26, the Contract Document entitled COMPENSATION AND PAYMENT and the Sub-Article entitled PROMPT PAYMENT OF WITHHELD FUNDS TO SUBCONTRACTORS, Metro has elected to implement the following requirements related to the Work that is performed by all Subcontractors of any tier under this Contract.

- A. Executed Subcontract Agreements. - Contractor shall submit to Metro Contracting Officer complete copies of all executed Subcontracts and/or Purchase Orders within fourteen (14) calendar days after the Contractor, or its Subcontractors, executes each Subcontract or Purchase Order. Contractor shall also submit copies of all Changes Orders, Modifications, Addendums or Amendments to such Subcontracts and Purchase Orders within fourteen (14) calendar days after execution. Contractor shall not darken out or delete any information from the submitted Subcontract and Purchase Order documents. The Subcontract and Purchase Order prices shown in the submitted documents shall not be cause for any reason by any Party to make an adjustment to the Contract Price and such pricing information will only be used to implement the provisions hereunder and in the Contract Document entitled COMPENSATION AND PAYMENT related to Subcontractor payments and retention.
- B. Subcontract Values. - Contractor shall, in accordance with the Specification entitled COST/SCHEDULE INTEGRATION SYSTEM, breakdown the Schedule of Values and its monthly Application for Progress Payment making all work activities, the value thereof, payments made to date and retention withheld, distinguishable between the Contractor, its Subcontractors and Suppliers, inclusive of the baseline Work and all Contract Modifications.

- C. Releases. - In accordance with the requirements set forth in the Contract Document entitled COMPENSATION AND PAYMENT and the Article entitled PROGRESS PAYMENTS and the Article entitled PAYMENT TO SUBCONTRACTORS, Contractor shall cause that its Subcontractors and Suppliers complete and provide Conditional and Unconditional Waiver and Release forms, attached hereto as Exhibits SA-1 and SA-2, for Contractor to submit with its Applications for Progress Payment and Request for Final Payment. In the event Contractor fails to submit the required Waiver and Release form then any money's due for that Work performed shall not be paid and will be carried over to the next Progress Payment, or the Final Payment delayed, until such time Contractor submits the required Waiver and Release form. Any such payment withheld shall not be cause for a Contract Change, Claim, or subject to any accrued interest.
- D. Survival of Obligations. - Without limiting any other provision of the Contract relating to continuing obligations that extend beyond Final Acceptance of the Work or any Subcontractors' or Suppliers' Work under this Contract, the Contractor's responsibility for injury to persons and/or property arising from its duties and obligations under the Contract, including without limitation, the Articles entitled LIABILITY AND INDEMNIFICATION, GOODS, and WARRANTY in the Contract Document entitled GENERAL CONDITIONS, shall survive acceptance and any payment to Contractor by METRO for any element of the Work performed by a Subcontractor or Supplier under this Contract.
- E. Undisclosed Incomplete Work. - Contractor will not be relieved of its obligations to complete any element of the Work, or any portion or item thereof, the non-completion of which was not disclosed to Metro prior to Final Acceptance of the Contract, regardless of: (1) whether such nondisclosures were fraudulent, negligent, or otherwise; and (2) Metro having inspected or accepted the element of the Work, having accepted Contractor's certification that the element of the Work is completed, having made payment to Contractor for the element of the Work, or Contractor having made final payment, including a release of retention to its Subcontractor or Supplier for that element of the Work. Contractor shall remain obligated to correct all such items after Final Acceptance of the Contract under this Article and all other provisions of the Contract that, expressly or by their nature, extend beyond or survive Final Acceptance.
- F. Modified General Condition. The Contract Document entitled GENERAL CONDITIONS, the Article entitled ACCEPTANCE OF ELEMENTS OF THE WORK, and the sub-Article entitled PARTIAL ACCEPTANCE, is modified to read:

"If portions of the Work (due to having independent utility or a subcontract being fully completed) are completed in advance of the deadlines specified in this Contract, Metro shall have the right to accept them in advance of the deadline for completion of the entire Contract. Any such partial Acceptance shall follow a procedure similar to that required for Substantial Completion, modified as specified by the Contracting Officer.

The Contracting Officer will also determine the effect of such partial Acceptance on Contractor's responsibility for maintenance during construction and its Warranty obligations."

- G. Inspection of a Subcontractor's work, under the terms of this Special Provision, shall not constitute an exception for Acceptance as contemplated by the General Condition Article entitled PERFORMANCE AND INSPECTIONS, sub-article 20.1.4, unless it is specified in writing as stated therein.
- H. The terms of this Special Provision, as it relates to General Condition entitled PERFORMANCE AND INSPECTIONS, sub-article 20.1.5, creates an Metro obligation to make inspections of Subcontractors completed work for the limited purpose of implementing the terms of this Special Provision, such inspections shall not relieve Contractor of any of its responsibilities under this Contract.
- I. After the Contractor has notified Metro that a Subcontractor's work is complete, Metro may charge the Contractor for any additional costs Metro incurs for the inspections when the Work is not ready at the time indicated in the notice or when an additional inspection is necessitated by prior rejection.
- J. Contractor shall consider and plan for the requirements of this Special Provision and any delay in any Critical Path, or other interruption to the Contractor, resulting from any inspections or other terms of this Special Provision shall **not**, for any reason, result in an increase to the Contract Price or Time, nor entitle Contractor to any recovery of any costs, or delay, or interest payments occasioned thereby.
- K. Notwithstanding any terms of this Special Provision, the terms of Warranty, either express or implied in this Contract remain unchanged.
- L. Modified Compensation and Payment Article -

CP-3 RETENTION AND ESCROW ACCOUNTS*

- A. Retention:
Metro shall retain from each Progress Payment ten percent (10%) of the Progress Payment as part security for the fulfillment of the Contract by the Contractor. However, after fifty percent (50%) of the Work has been completed, if in the sole discretion of Metro progress on the Work is satisfactory, Metro will not make further deductions on the remaining Progress Payments, except that the amount of the retention withheld shall not at any time thereafter be less than five percent (5%) of the Contract Price, as amended, or as adjusted by Change Orders. However, if Metro determines that the Work or progress of the Work is unsatisfactory, Metro may reinstate, continue or increase retentions in amounts necessary to increase the total retention to an amount not to exceed ten percent (10%) of the Contract Price. Notwithstanding any payments made to Contractor, out of retention or other monies withheld, or other monies due Contractor

under this Contract, in the implementation of 49 CFR Part 26 and the Article entitled PROMPT PAYMENT OF WITHHELD FUNDS TO SUBCONTRACTORS, in the Contract Document entitled COMPENSATION AND PAYMENT, Metro shall withhold retention from each progress payment, consistent with the amounts allowed above, whereas Metro shall withhold not less than 5% of the Contract price until final completion and acceptance of the Contract.

B. Substitution of Securities:

To ensure performance under the Contract, the Contractor may, at its sole expense, substitute securities equivalent to the retention withheld by Metro. Such securities shall be deposited with an escrow agent approved by Metro, who shall then pay such retention to the Contractor. Upon satisfactory completion of the Contract, the securities shall be returned to the Contractor. The Contractor shall be the beneficial owner of any security substituted for monies withheld and shall receive any accrued interest thereon. Securities eligible for investment shall include those listed in Government Code §16430, bank or savings and loan certificates of deposit, interest bearing demand deposit accounts, standby letters of credit, or any other security mutually agreed to by the Contractor and Metro. No such substitution shall be accepted until the Escrow Agreement, securities, and any other documents related to the substitution are reviewed and accepted in writing by Metro. In the event Contractor's subcontractors elect to do any of the following the Contractor shall:

1. If a subcontractor elects to substitute securities in lieu of retention with the Contractor, then in accordance with the sub-Article herein entitled "Prompt Payment of Withheld Funds to Subcontractors", when Contractor certifies to Metro that all tasks called for in the subcontract have been satisfactorily accomplished and Metro has inspected the Work, Contractor shall release the subcontractor's securities within thirty (30) days after receipt of Metro notice on the completed inspection, even though there may be no adjustment(s) to be made to Contractor's substitute securities in lieu of retention.
2. In the event the Contractor elects to substitute securities in lieu of retention and a subcontractor has not elected to substitute securities in lieu of retention, Contractor may withhold from his or her subcontractor the amount of retention that would have otherwise been withheld, yet when, in accordance with the sub-Article herein entitled "Prompt Payment of Withheld Funds to Subcontractors", Contractor certifies to Metro that all tasks called for in the subcontract have been satisfactorily accomplished and Metro has inspected the Work, Contractor shall release the subcontractor's retention within thirty (30) days after receipt of Metro notice on the completed inspection, even though there may be no adjustment(s) to be made to Contractor's substitute securities in lieu of retention.

END OF SPECIAL PROVISIONS

EXHIBIT SA-1 - CONDITIONAL WAIVER AND RELEASE UPON PROGRESS PAYMENT

Upon receipt by the undersigned of a check from _____
(Maker of Check)

in the sum of \$ _____ payable to _____
(Amount of Check) (Payee or Payees of Check)

and when the check has been properly endorsed and has been paid by the bank upon which it is drawn, this document shall become effective to release any mechanic's lien, stop notice, or bond right the undersigned has on the job of _____ located at _____
(Owner)

_____ to the following extent. This release covers a progress payment for labor, services, equipment, or material furnished to _____
(Job Description) (Your Customer)

through _____, only and does not cover any retentions retained before or after the release date; extras furnished before the release date for which payment has not been received; extras or items furnished after the release date. Rights based upon work performed or items furnished under a written change order which has been fully executed by the parties prior to the release date are covered by this release unless specifically reserved by the claimant in this release. This release of any mechanic's lien, stop notice, or bond right shall not otherwise affect the contract rights, including rights between parties to the contract based upon a rescission, abandonment, or breach of the contract, or the right of the undersigned to recover compensation for furnished labor, services, equipment, or material covered by this release if that furnished labor, services, equipment, or material was not compensated by the progress payment. Before any recipient of this document relies on it, said party should verify evidence of payment to the undersigned.

Original Contract Price	\$ _____
Executed Changes to date	\$ _____
Total Contract Price to date	\$ _____
Total Earned to date	\$ _____
Total Payments Received to date	\$ _____
Retention withheld to date	\$ _____
Any other withholdings to date	\$ _____

Dated: _____ Company Name: _____

Signed by: _____
(Print Name) (Print Title)

**EXHIBIT SA-2 - UNCONDITIONAL WAIVER AND RELEASE UPON PROGRESS
PAYMENT OR FINAL PAYMENT**

The undersigned has been paid and has received a progress payment, or final payment, in the sum of \$ _____ for labor, services, equipment, or material furnished to _____ on the job of _____

(Your Customer)

(Owner)

located at _____ and does hereby release any _____

(Job Description)

mechanic's lien, stop notice, or bond right that the undersigned has on the above referenced job to the following extent. This release covers a progress payment for labor, services, equipment, or materials furnished to _____ through _____

(Your Customer)

_____ only and does not cover any retentions retained before or after the _____

(Date)

release date; extras furnished before the release date for which payment has not been received; extras or items furnished after the release date. Rights based upon work performed or items furnished under a written change order which has been fully executed by the parties prior to the release date are covered by this release unless specifically reserved by the claimant in this release. This release of any mechanic's lien, stop notice, or bond right shall not otherwise affect the contract rights, including rights between parties to the contract based upon a rescission, abandonment, or breach of the contract, or the right of the undersigned to recover compensation for furnished labor, services, equipment, or material covered by this release if that furnished labor, services, equipment, or material was not compensated by the progress or final payment.

Original Contract Price	\$ _____
Executed Changes	\$ _____
Total Contract Price	\$ _____
Total Payments Received to Date	\$ _____
Total Retention Amount	\$ _____
Other withholdings, Total	\$ _____

Dated: _____ Company Name: _____

Signed by: _____ (Print Name) _____ (Print Title)

NOTICE: THIS DOCUMENT WAIVES RIGHTS UNCONDITIONALLY AND STATES THAT YOU HAVE BEEN PAID FOR GIVING UP THOSE RIGHTS. THIS DOCUMENT IS ENFORCEABLE AGAINST YOU IF YOU SIGN IT, EVEN IF YOU HAVE NOT BEEN PAID. IF YOU HAVE NOT BEEN PAID, USE A CONDITIONAL RELEASE FORM.

GENERAL CONDITIONS (SERVICES)

Note: * = Flow-down requirement as defined in the Article entitled SUBCONTRACTORS AND SUPPLIERS herein

GC-01 GLOSSARY OF TERMS*

GC-01-A Abbreviations And Symbols

ADR	Alternative Disputes Resolution
Cal-OSHA	California Occupational Safety and Health Administration
CEO	Chief Executive Officer
CFR	Code of Federal Regulations
EPA	United States Environmental Protection Agency
FAR	Federal Acquisition Regulations
FTA	Federal Transit Administration
GEC	General Engineering Consultant
Metro	Los Angeles County Metropolitan Transportation Authority
NTE	Not-to-Exceed
OSHA	United States Department of Labor, Occupational Safety and Health Administration, and Occupational Safety and Health Act
PUC	Public Utilities Code, State of California
RFC	Request for Change
USC	United States Code

GC-01-B Definitions

Acceptance	Documentation prepared by Metro or its Authorized Representative attesting to the completion of all of the Services or Work under the Contract or a CWO or a specified portion thereof.
Alternative Disputes Resolution:	Means for settling a disputed claim which may include arbitration, mediation or other recognized means for settling a dispute.
Amendment:	A document mutually agreed to by the Parties modifying the Contract.
Approve:	To confirm documents presented by and/or actions of the Contractor related to the Work under the Contract or CWO.
Assessment:	A cost imposed on the Contractor for non-compliance with certain contractual requirements.
Authorized Representative:	Person or firm empowered to act for or in the place of the named business or governmental entity.
Chief Executive Officer:	The Chief Executive Officer (CEO) of Metro.

Claim:	A written demand by one of the Contracting Parties for: <ol style="list-style-type: none"> 1. Time extension; and/or 2. Payment of money.
Consultant	One that provides Services or Work to Metro, also defined as the Contractor.
Consultant Change Notice (CCN):	A document issued by Metro to the Contractor detailing a proposed change to the Contract or CWO.
Contract:	Written agreement executed by Metro and the Contractor which sets forth the rights and obligations of the parties in connection with the Services and Work, and which includes the Contract Documents.
Contract Work Order (CWO):	The document issued by Metro for each separate assignment detailing the Scope of Work, price and completion time.
CWO Period of Performance:	The total time period allowed for completion of the Work, including all authorized time extensions, as specified in each CWO.
CWO Price:	The not-to-exceed amount agreed to by the Parties to perform the Scope of Work.
Contracting Officer:	The CEO or a designated representative who is authorized and empowered to execute contracts, contract amendments, CWOs, CWO Revisions, WACNs, and agreements on behalf of Metro.
Contractor:	The individual, firm, partnership, corporation, joint venture or combination thereof, referred to throughout the Contract in the singular and by the neuter term "it", that has entered into the Contract with Metro.
Cure Notice:	Written notice from Metro to the Contractor to correct Work performed not in conformance with the Contract or CWO.
Days:	Unless otherwise stated, "days" shall mean calendar days. When a required submittal falls on a non-business day, submittal shall be on the next business day.

Design Professional (DP):	A person licensed as an architect, registered as a professional engineer, licensed as a land surveyor or otherwise licensed or registered in a professional discipline pursuant to the laws of the State of California.
DALP	Disadvantaged Business Enterprise Anticipated Level of Participation
Goods:	Equipment, material and/or products required to perform the Services. Goods may be furnished by Metro or required to be furnished by the Contractor.
Government Entity	Any federal, state, or local government and any political subdivision or any governmental, quasi-governmental, judicial, public or statutory instrumentality, administrative agency, authority, body or entity other than Metro.
Home Office:	The home office(s) of the Contractor's firm.
Invoice:	A request for payment for Work performed.
Milestone:	An established event or occurrence that is associated with the Schedule as defined in the Contract or CWO.
Modification	Any written addition, deletion, adjustment or alteration to the Contract, whether arising out of the unilateral exercise by the MAT of any right under the Contract, or by mutual agreement/action executed by the Parties. A Modification may be unilateral or bilateral, and includes Change Orders, adjustments in quantities, extensions of time, administrative changes and adjustments, and all other actions and events that result in an alteration, correction or adjustment of the Total Contract Price or Time, any Contract term or process, or any other obligation of either Party.
Metro or MTA	The Los Angeles County Metropolitan Transportation Metro (Metro) or its successor, or any successor in interest, or its Authorized Representative.

Notice of Termination:	Written notice from Metro to the Contractor terminating the Contract or/CWO, or a portion thereof, either for convenience of Metro or for default due to the Contractor's failure to perform its contractual obligations.
Payment Application:	A request for payment for Work performed.
Parties:	Metro and the person(s), governmental entities, or business entities entering into the Contract.
Period of Performance:	The total time period allowed for completion of all Services or Work under the Contract or CWO, as specified in the Form of Contract or CWO.
Prime Design Professional (PDP):	A design professional with a written Contract directly with Metro.
Program:	Existing and planned rail transit system that is and will be operated by Metro.
Project:	A portion of Metro Transit System as defined in the Form of Contract
Provide:	In reference to Work to be performed by the Contractor, "provide" means to perform Work in accordance with the Scope of Services and the Scope of Work.
Request for Change (RFC):	A document issued by the Contractor to Metro detailing a proposed change to the Contract or CWO.
Request for Substitution:	Goods, service(s), or system(s) that the Contractor requests to use in lieu of that specified in the Contract.
Revision:	A document issued by Metro to the Contractor or mutually agreed to by the Parties modifying the Contract or CWO.
Schedule:	A time phased Project execution plan that identifies all activities necessary to implement a given Project in a logical time phased manner. The Contract or CWO Schedule provides the start and completion date of each activity and its Milestones. The Project Schedule shall include the Milestones for the entire Project.
Scope of Services (Services):	Description of the sum total of productive and operative efforts used to generate the results

specified, indicated, or implied in the Contract, including all technical and professional services, and Goods used during all related activities whether originally or subsequently Scheduled.

Scope of Work:	Description of the Work to be provided by the Contractor under the Contract or CWO.
Special Provisions:	Requirements applicable to the Contract that invoke, modify, and/or supplement the General Conditions
State:	The State of California.
Sub-consultant Design Professional (SDP):	Design professional hired by a prime design professional.
Subcontractor:	Any individual, firm, partnership, corporation, joint venture or combination thereof, other than employees of the Contractor, that enters into a legal agreement with the Contractor to furnish Work, labor or Goods as a portion of the Work. Unless otherwise specified, Subcontractors includes Subcontractors of any tier.
Supplier:	Any individual, firm, partnership, corporation, joint venture, or combination thereof, other than employees of the Contractor, or Subcontractor that enters into a legal agreement with the Contractor and that manufacturers, distributes or furnishes tangible Goods as a portion of the Work, with Work usually limited to delivery and/or required testing.
Technical Review:	A technical quality and progress audit including, but not limited to, a check of budget versus expenses to date, technical progress, quality of work, Schedule assessment and a measurement of design hours per drawing, review of adherence to policies and procedures and safety requirements.
Total Contract Price (TCP):	The total compensation approved by Metro's governing board to be paid to the Contractor in accordance with the terms of the Contract (and Amendments thereto).
Transit System:	The entire fixed guideway rail transportation system, including right-of-way, pavement, tracks, structures, equipment appurtenances, and all other related property of Metro.

Work: The sum of all activities, Services and Deliverables, to be accomplished under the Contract or CWO.

Worksite: The location where the Contractor's Work will be performed as defined in the Contract or CWO(s). The term may include the location of work performed by others (i.e., the construction site of a Project).

GC-02 INTERPRETATION*

GC-02-A Information

1. Furnished By Metro:

Upon request by the Contractor, Metro shall furnish the Contractor any general information and data readily available to Metro or those under contract to Metro, which the Contractor determines, may be of use to the Contractor in the performance of the Work. Metro shall rely upon the Contractor to determine which of the general information and data readily available to Metro the Contractor requires for the performance of the Work hereunder. Metro makes no representations with respect to the reliability, accuracy, or completeness of any information or data it may furnish hereunder. The Contractor is entitled to rely on the information or data to the extent a professional engineer believes it is appropriate to do so. The Contractor is expected to apply its professional judgment and seek any clarification it deems necessary.

2. Furnished by Others:

The Contractor is to obtain, utilizing its own personnel, any required information that has been developed by other public or private agencies or companies that are not under contract to Metro. The Contractor is to apply its professional judgment as to the reliability of the information or data for the purpose for which the Contractor intends on utilizing such information or data.

GC-03 PRECEDENCE OF CONTRACT DOCUMENTS

See Form of Contract Article 1

GC-04 CONTRACT DOCUMENTS

GC-04-A Explanations

Should it appear that the Work to be performed or any relative matters are not sufficiently detailed or explained in the Contract, the Contractor shall request in writing from Metro a written explanation as may be necessary and shall conform to the explanation given.

GC-04-B Omissions And Misdemeanors

1. The Contractor shall carefully study the Contract; shall verify all figures in the Contract Documents before performing the Work; shall promptly notify Metro of all errors, inconsistencies, and/or omissions that it discovers; and, in instances where such non-conformities are discovered, shall obtain specific instructions in writing from Metro before Contractor's proceeding with the Work. Any Work affected that is performed prior to Metro's decision shall be at the Contractor's risk. The Contractor shall not take advantage of any apparent non-conformity that may be found in the Contract. Metro shall be entitled to make such corrections therein and interpretations thereof as it may deem necessary for the fulfillment of the intent of the Contract. Omissions or misdescription of any Work that are manifestly necessary to carry out the intent of the Contract, or that are customarily performed, shall not relieve the Contractor from performing such Work at no additional expense and/or delay, and such Work shall be performed as if fully and correctly set forth in the Contract.

2. Terms

Where the terms "as indicated" and "as detailed," or words of similar import are used by themselves, it shall be understood that reference is made to the Technical Specifications or other technical documents provided by Metro, or Contract drawings unless otherwise expressly stated. "Directed," "required," "permitted," "ordered," "designated," "selected," "approve," "accept," "satisfactory," "equal," "necessary," or words of like import shall be understood to require an identifiable action by Metro unless otherwise expressly stated.

3. References within the Contract

References to Articles and Subarticles herein are made by citing the Title of the Articles only, e.g., a reference to this particular paragraph would be phrased "in the Article entitled 'INTERPRETATION,' which would necessarily be inclusive of all other paragraphs in this Article. However, where a reference is made to other paragraphs within the same Article, the reference is made as in the preceding sentence, i.e., "in this Article." References to other Sections of the Contract are made by citing the title of the Section.

GC-05 AUTHORITY OF THE CONTRACTING OFFICER

Metro has the final approval in all matters relating to or affecting the Work. Except as expressly specified in the Contract, the Contracting Officer may exercise any powers, rights, and/or privileges that have been lawfully delegated by Metro. Metro shall inform Contractor in writing of delegations given by it to the Contracting Officer. Nothing in the Contract shall be construed to bind Metro for acts of its employees and Authorized Representatives that exceed the delegation of Metro specified herein.

GC-06 METRO'S TECHNICAL REPRESENTATIVE (PROJECT MANAGER)

Metro shall provide a Project Manager and/or a technical representative for all technical aspects related to the performance of the Contract. The Contractor shall make such oral or written reports to Metro's technical representative with an information copy to Metro's Contract Administrator as may be requested by Metro or as specifically required by the Contract. ALL CONTRACTUAL MATTERS SHALL BE ADDRESSED TO THE DESIGNATED CONTRACT ADMINISTRATOR.

GC-07 INDEPENDENT CONTRACTOR

The Contractor represents that it is fully experienced and properly qualified to perform the class of Work required for the Contract and that it is properly licensed, equipped, organized, and financed to perform the Work. The Contractor shall be an independent contractor. The Contractor is not an agent of Metro in the performance of the Contract, and shall maintain complete control over its employees and its Subcontractors and Suppliers of any tier. Nothing contained in the Contract or any Subcontract awarded by the Contractor shall create any contractual relationship between any Subcontractor and Metro. The Contractor shall perform the Work in accordance with its own methods, in compliance with the terms of the Contract.

Metro reserves the right of prior approval of all subcontractors and retains the right to request Contractor to terminate any subcontractor, for any reason deemed appropriate by Metro, by so notifying Contractor in writing. Should said notification be submitted to Contractor, it shall terminate said subcontractor immediately.

GC-08 ORGANIZATIONAL AND KEY PERSONNEL

- A. Before starting any Work, the Contractor shall submit for Metro review and acceptance, an organization chart showing the proposed organization established by the Contractor for the performance of the Work, including:
 - 1. Lines of authority, responsibility, and communication;
 - 2. Office organizations, if any; and
 - 3. Names, titles, and functions of all supervisory and other key personnel.
- B. The Contractor's Project Manager shall supervise and direct the Work, and have overall responsibility for the Work in accordance with the Contract. The Contractor shall be solely responsible for implementation of all Work, means, methods, techniques, sequences, and procedures and for coordination of all portions of the Work under the Contract.
- C. The Contractor shall not reassign such key personnel to other projects without Metro's prior written approval and until a satisfactory replacement has been approved by Metro. The Contractor shall secure the prior written

approval of Metro for any change or reassignment of the key personnel, submitting written documentation of the new individuals' qualifications.

- D. If Metro provides office space to the Contractor, or requires Contractor to locate its office space in a specific location, then at all times during the performance of Work hereunder, only related Work shall be performed in such office space and Contractor shall not use such office space to perform non-Contract related work.

GC-09 SUBCONTRACTORS AND SUPPLIERS*

GC-09-A Documentation And Acceptance

The Contractor shall submit a copy of all executed subcontracts at any time within fourteen (14) days of execution regardless of value to Metro for fulfillment of the DALP and SBE Goals, and a copy of insurance certificates in accordance with the Exhibit to the Form of Contract entitled INSURANCE REQUIREMENTS. Failure to submit subcontracts and certificates within the required time period will result in the Subcontractor's not being permitted to perform Work on the Project.

GC-09-B Performance Of Work

The Contractor shall:

1. Be responsible to Metro for all acts and omissions of its own personnel, and of Subcontractors, Suppliers and their employees; and
2. Be responsible for coordinating the Work performed by Subcontractors and Suppliers.

Should a portion of the subcontracted Work not be performed in accordance with the terms of the Contract, or if a Subcontractor commits or omits any act that would constitute a breach of the Contract, the Subcontractor shall be replaced and shall not again be employed on the Program.

GC-09-C Acceptance Of Substitution Of Subcontractor

1. The Contractor shall notify Metro in writing of any proposal to substitute a Subcontractor in place of a Subcontractor listed in the Contractor's Qualification/Proposal. Prior to such substitution the Contractor shall secure the acceptance of Metro. The Contractor shall submit the following information in a form similar to that contained in the Contractor's original Qualification/Proposal.
 - a. Name of Subcontractor
 - b. Location and Phone Number of Place of Business
 - c. Contact Person
 - d. Subcontractor's License(s) number and expiration date (if applicable)

- e. Current Metro Contract Compliance Certification Status (if applicable)
- f. The portion of the Services that will be performed by each Subcontractor.

Metro will promptly initiate a review of the information submitted on each Subcontractor and transmit written notification to the Contractor concerning its decision.

- 2. Metro shall not be responsible for delays incurred by the Contractor because of a timely disapproval by Metro of a Subcontractor proposed by the Contractor, or for the late submittal for acceptance of a Subcontractor to Metro, or because of a Subcontractor's removal from the performance of the Work.
- 3. The Contractor shall not do any of the following without the prior written consent of Metro:
 - a. replace any previously accepted Subcontractor;
 - b. permit any previously accepted Subcontract to be assigned or transferred; and/or
- 4. However, the Contractor may perform the Work itself with qualified personnel, provided written permission is obtained from Metro prior to performance of the Work.

GC-09-D Flow-Down Requirements

- 1. The Contractor shall incorporate the following into each Subcontract and require insertion of same into all lower-tier Subcontracts:
- 2. All Articles, Subarticles or portions of the Contract noted by a star (*) shall be included in all Subcontracts of any tier.
- 3. All provisions required by law, regulation, rule, or the Contract shall apply to subcontracts and shall apply to all subcontracts of any tier.
- 4. By virtue of signing the subcontract, the following apply:
 - a. The Subcontractor acknowledges and agrees that all Work being performed by it under the subcontract shall be performed in accordance with the Contractor's Contract with Metro.
 - b. The Subcontractor agrees that it shall have the same duties and obligations to the Contractor with respect to its performance of its own Work as the Contractor has to Metro under its Contract.
 - c. The Contractor and the Subcontractor agree that Metro is the third party beneficiary of the Subcontract and shall have the right to enforce all of the terms of the Subcontract for its own benefit. All guarantees and

warranties, express or implied, shall inure to the benefit of both Metro and the Contractor during the performance of the Work; upon final completion of the Work, such guarantees and warranties shall inure to the benefit of Metro.

The Contractor and the Subcontractor agree that nothing contained in the Subcontract shall be deemed to create any privity of the Contract between Metro and the Subcontractor, nor does it create any duties, obligations, or liabilities on the part of Metro to the Subcontractor except those allowed under California Law. In the event of any claim or dispute arising under the subcontract and/or the Contractor's Contract with Metro, the Subcontractor shall look only to the Contractor for any payment, redress, relief, or other satisfaction. The Subcontractor hereby waives any claim or cause of action against Metro arising out of the subcontract.

GC-09-E This Article does not and shall not operate to relieve the Contractor of any duty or liability under the Contract nor does it create any duty or liability on the part of Metro. The Contractor shall have sole responsibility for promptly settling any disputes between its Subcontractors and between the Subcontractors and any of their Subcontractors.

GC-09-F No Subcontractor shall be permitted to perform the Work under the Contract until it, or the Contractor, has supplied satisfactory evidence of required insurance to Metro, in compliance with the Exhibit to the Form of Contract entitled INSURANCE REQUIREMENTS.

GC-10 PERMITS

Except for any permits furnished by Metro, the Contractor shall be fully responsible for identifying and obtaining, at its own expense, all necessary licenses and permits required for the timely prosecution of the Work.

The Contractor acknowledges that prior to entering into the Contract or any CWO it familiarized itself with the requirements of all applicable federal, state, county, and municipal laws, codes, rules, and regulations, as well as the conditions of any required licenses and permits, in effect at time of execution of the Contract or issuance of any CWO. The Contractor shall be responsible for complying with all of the foregoing, at its sole expense and without any increase in the TCP or CWO Price or Contract or CWO Period of Performance set forth in the Form of Contract or CWO on account of such compliance, regardless of whether such compliance would require additional labor, equipment, or Goods not expressly stated in the Contract or CWO.

GC-11 GOODS*

GC-11-A The Contractor shall furnish all Goods required to complete the Work, except those designated to be furnished by Metro. Unless otherwise indicated in the Contract or CWO, Goods incorporated into the Work shall be new, of good quality, and of the grade specified for the purpose intended. Unless otherwise specifically stated, reference to Goods or patented processes by trade name,

make, or catalog number shall be regarded only as a means of establishing a standard of quality; such references shall not be construed as limiting competition. The Contractor may, at its option, use any Goods or process that is equivalent to that named subject to the prior written acceptance by Metro. Metro shall be the sole judge of the quality and suitability of proposed alternative Goods or processes subject to the right of Metro to accept or reject such alternative.

GC-11-B Any Goods that may be purchased under the Contract shall be transported, handled, and stored by the Contractor in a manner that shall ensure the preservation of their quality, appearance, and fitness for the Work. All Goods shall also be stored in a manner that facilitates inspection.

GC-12 STANDARDS OF PERFORMANCE*

GC-12-A The Contractor shall perform and require its Subcontractors to perform the Work in accordance with the requirements of the Contract and in accordance with professional standards of skill, care, and diligence adhered to by firms recognized for their expertise, experience and knowledge in performing Work of a similar nature. The Contractor shall be responsible for the professional quality, technical accuracy, completeness, and coordination of the Work, it being understood that Metro will be relying upon such professional quality, accuracy, completeness, and coordination in utilizing the Work. The foregoing obligations and standards shall constitute the "Standard of Performance" for purposes of the Contract.

GC-12-B Contractor hereby represents that it has made the necessary commitment, that it possesses the necessary professional capabilities, qualifications, licenses, skilled personnel, experience, expertise, and financial resources, and it has available or will make the necessary equipment, materials, tools, and facilities to perform the Work in an efficient, professional, and timely manner in accordance with the terms and conditions of the Contract.

GC-12-C All personnel shall have sufficient skill and experience to perform the work assigned to them. Contractor shall ensure that any individual performing work under the Contract requiring a California license shall possess the appropriate license required by the State of California. All personnel shall have sufficient skill and experience to perform the Work assigned to them.

GC-12-D If any Work provided by the Contractor is deficient because of the Contractor's or a Subcontractor's failure to perform the Work in accordance with the above standards, Metro shall report such deficiencies in writing to the Contractor. Metro thereafter may:

1. Have the Contractor re-perform such Work at the Contractor's own expense;
or
2. Have such Work performed in accordance with the Article entitled TERMINATION FOR DEFAULT herein, by others and the costs thereof charged to and collected from the Contractor.

GC-12-E Corrected or re-performed Work shall be subject to the above standards of performance.

GC-12-F The Contractor shall provide such specific standards of performance as may be set forth in individual CWOs as agreed to by the parties. If parties cannot agree Metro shall unilaterally establish them.

GC-12-G Metro shall have the right, in its absolute discretion, to require the removal of Contractor's personnel at any level assigned to the performance of the Services or Work, if Metro considers such removal necessary in the best interests of the Program and requests such removal in writing. Such personnel shall be promptly removed from the Project by the Contractor at no cost or expense to Metro. Further, an employee who is removed from the Project for any reason shall not be re-employed on the Program.

GC-13 UNAUTHORIZED ACTIONS*

Any action taken by the Contractor or its Subcontractors not in conformance with the terms and conditions of the Contract will be considered as unauthorized and at the sole expense of the Contractor. Contractor or its Subcontractors will not be compensated for any actions deemed by Metro to be unauthorized. No extensions of time will be granted under the Contract or CWO due to unauthorized actions.

No Metro employee or officer, except the Contracting Officer, may authorize any Amendments to the Contract, issue a CWO or make Revisions to CWOs.

GC-14 PERIOD OF PERFORMANCE

A. Neither party hereto shall be considered in default in the performance of its obligations with respect to schedule, to the extent that the performance of any such obligation is prevented or delayed by an excusable delay. Should Contractor's Work be delayed by an excusable cause, Contractor's schedule for completion of tasks affected by such delay may be extended. Excusable delays may include, but are not limited to, Acts of God or acts or failures to act of government agencies or Metro in either their sovereign or contractual capacities; fires, floods, earthquakes, epidemics, quarantine restrictions, strikes, civil disturbance; but, in every case, the failure to perform must be reasonably beyond the control, and without the fault or negligence of the Contractor.

B. Within 30 days after the last day of delay, the Contractor shall furnish Metro with detailed information concerning the circumstances of the delay, the number of days actually delayed, the appropriate Contract references, and the measures taken to prevent or minimize the delay. Failure to submit such information shall be sufficient cause for denying the delay claim.

GC-15 INSPECTION OF WORK (ACCEPTANCE)*

- GC-15-A** Metro reserves the right to inspect all and every part of the Work at any time during the performance and after completion, at its discretion.
- GC-15-B** If the Work or any parts thereof have not been performed in accordance with the Contract, the Contractor will be notified in writing that such Work is rejected. Thereupon, the Contractor shall take the necessary corrective action. Metro shall not be obligated to make any inspections, however, and neither the inspection of the Work, nor the lack thereof, shall relieve the Contractor of its responsibility for performing and providing the Work in accordance with the terms of the Contract.
- GC-15-C** Metro shall not be deemed to have accepted the Contractor's performance of the Work unless Metro or its designated representative has given written notice of final acceptance of the Work to the Contractor. No payment in whole or in part shall be construed to be an acceptance of the Work.
- GC-15-D** Metro shall have access, at all reasonable times, to the Contractor's calculations, supporting materials, data, and information concerning the Work, including computer programs and printouts, which Metro determines are required to review the Work properly and expeditiously. The Contractor shall furnish sufficient and convenient facilities for such inspection and review, and shall grant Metro's designated representatives free access at all reasonable times to all locations where the Work is performed.
- GC-15-E** Prior to the release of Work or issuance of a CWO, Metro and the Contractor shall determine which required reports will be submitted to Metro in draft form before final submission of the report.

GC-16 FINAL ACCEPTANCE*

GC-16-A Final Acceptance Of Work

When the Contractor determines that all Work as authorized in the Contract or CWO is fully completed including all required submissions and deliveries to Metro specified in the Contract or CWO, the Contractor shall give Metro a written Request for final Contract or CWO Acceptance within ten (10) working days thereafter, specifying that the Work is completed and the date on which it was completed. Within ten (10) days after the receipt of the Request for Final Contract or CWO Acceptance, Metro will commence a final review of the Work and, within 60 days will either:

1. Give the Contractor a final Contract/CWO Acceptance; or
2. Advise the Contractor in writing of any outstanding item or items which must be furnished, completed or corrected at the Contractor's cost.

Upon submittal of the request for final Contract/CWO Acceptance, the Contractor shall make no additional charges for Work under the Contract/ CWO. Metro shall

not pay for any additional charges or be liable for any costs incurred after the date of receipt of the request for final Contract/CWO Acceptance of Contract/CWO Work.

This procedure shall comply with Metro's procedure entitled Services Contract Close-out in effect at the time of the request for Final Acceptance and shall be repeated until such time as Metro is satisfied that GC-17-B Final Acceptance of CONTRACT

GC-16-B Final Acceptance Of Contract

When Metro determines that all Work authorized under the Contract has been completed and Metro requires no further work from Contractor, or the Contract is otherwise terminated or expires in accordance with the terms of the Contract, Metro shall give the Contractor written notice that the Contract will be closed out. Contractor shall submit all outstanding Billings, Work submittals, Deliverables, reports or similarly related documents as required under the Contract and any CWO, within ninety (90) days of receipt of notice of Contract close-out. Upon Metro's receipt of Contractor's submittals under this Article, Metro shall commence a closeout audit of the Contract within one hundred twenty (120) days after final submission of the last Contractor's or Subcontractor's overhead rates and will either:

1. Give the Contractor final Contract acceptance; or
2. Advise the Contractor in writing of any outstanding item or items which must be furnished, completed or corrected at the Contractor's cost.

This procedure shall comply with Metro's procedure entitled Services Contract Close-out. Notwithstanding the final Contract/CWO Acceptance the Contractor will not be relieved of its obligations hereunder, nor will the Contractor be relieved of its obligations to complete any portions of the Work, the non-completion of which were not disclosed to Metro (regardless of whether such nondisclosures were fraudulent, negligent, or otherwise); and the Contractor shall remain obligated under all those provisions of the Contract which expressly or by their nature extend beyond and survive final Contract and/or CWO Acceptance.

GC-16-C Any failure by Metro to reject the Work or to reject the Contractor's Request for final Contract or CWO Acceptance as set forth above, shall not be deemed to be Acceptance of the Work by Metro for any purpose nor imply Acceptance of, or agreement with, the Contractor's Request for final Contract and/or CWO Acceptance.

GC-17 SAFETY*

GC-17-A The Contractor shall at all times conduct its operations in such a manner as to avoid risk of bodily harm to persons or damage to property. The Contractor shall promptly take all reasonable precautions to safeguard against such risks and shall make regular safety inspections of its operations. The Contractor shall be solely responsible for the discovery, determination and correction of any unsafe conditions caused by the Contractor's performance of the Work.

GC-17-B In addition, the Contractor shall comply with all applicable safety laws, standards, codes, rules, and regulations, including any safety program established by Metro. The Contractor shall cooperate and coordinate with Metro and with other Metro Contractors on safety matters and shall promptly comply with any specific safety instructions or directions given to the Contractor by Metro. Notwithstanding, the construction contractor shall remain responsible for the construction site safety.

GC-17-C The Contractor shall inform its personnel of Metro safety practices and the requirements of Metro's safety program. If any of the Contractor's personnel are required to visit any Worksites, the Contractor shall furnish suitable safety equipment and enforce the use of such equipment by those personnel.

GC-18 WARRANTY*

The Contractor warrants that all Work shall be in accordance with the Contract and shall comply with the Standard of Performance for a period of one year from final acceptance of the Work. In the event of breach of this warranty, the Contractor shall take the necessary actions to correct the breach and the consequences thereof, at the Contractor's sole expense, in the most expeditious manner as permitted by existing circumstances. If the Contractor does not promptly take steps to correct the breach upon notification thereof by Metro, Metro without waiving any other rights or remedies it may have at law or otherwise, may do so or cause others to do so, and the Contractor shall promptly reimburse Metro for all expenses and costs incurred in connection therewith.

GC-19 RIGHTS IN PROPERTY*

GC-19-A Title

1. All property purchased by the Contractor for Metro, shall be hereinafter referred to as Metro Property. Title to Metro Property shall pass to and vest in Metro upon the vendor's delivery and acceptance of such property by the Contractor.
2. Title to Metro Property shall not be affected by its incorporation into or attachment to any property not owned by Metro, nor shall Metro Property become a fixture or lose its identity as personal property by being attached to any real property.
3. The title transferred as described above shall in each case be good, and free and clear from any and all security interests, liens, and/or other encumbrances. The Contractor shall not pledge or otherwise encumber the items in any manner that would result in any lien, security interest, charge, and/or claim upon or against said items.
4. The Contractor shall promptly execute, acknowledge, and deliver to Metro proper bills of sale or other written instruments of title in a form as required by Metro; said instruments shall convey to Metro title to material free and clear of debts, claims, liens, mortgages, taxes, and/or encumbrances.

GC-19-B Metro Property shall be used only for performing Work on the Contract or CWO, unless otherwise provided in the Contract or approved by Metro's Contract Administrator.

GC-19-C PROPERTY ADMINISTRATION

1. The Contractor shall be responsible and accountable for all Metro Property provided under the Contract and shall submit an inventory list, or revised list, in a form acceptable to Metro's Contract Administrator within thirty (30) days of acquisition of Metro Property.
2. The Contractor shall establish and maintain a program for the use, maintenance, repair, protection, and preservation of Metro Property in accordance with sound business practice.
3. If damage occurs to Metro Property, the Contractor shall replace the items not otherwise covered by any warranties, or the Contractor shall make the necessary repairs at Metro's direction, all at no additional charge to Metro.

GC-19-D Metro and all its designees shall have access at all reasonable times to the premises in which any Metro Property is located for the purpose of inspecting Metro Property.

GC-19-E Upon completing the Contract or CWO or at such earlier dates as may be fixed by Metro: (1) the Contractor shall prepare and submit a final inventory list of all Metro property which includes the property's description, location and condition, and; (2) the Contractor shall prepare for shipment, and deliver F.O.B. destination, Metro property as may be directed or authorized by Metro.

GC-20 EXTENTION OF TIME

GC-20-A The Contractor will be granted an extension of time for any portion of a delay in completion of the Work caused by acts of a public enemy, wars, civil disturbances, fires, floods, earthquakes, epidemics, quarantine restrictions, freight embargoes, strikes, weather more severe than normal, any other cause not in the reasonable control of the Contractor or acts of God, providing that the:

1. Aforesaid causes were not foreseeable and did not result from the fault or negligence of the Contractor;
2. Contractor has taken reasonable precautions to prevent further delays owing to such causes; and
3. Contractor notifies Metro in writing of the cause(s) for the delay within five (5) days from the beginning of any such delay.

GC-20-B Claims for additional compensation shall be limited to the costs incurred during a Metro approved extension of time measured at end of period of performance not at time of delay.

GC-20-C An extension of time will not be granted for a delay described above caused by a shortage of Goods, except Metro-furnished Goods, unless the Contractor supplies Metro with documented proof that it made every effort to obtain such Goods from every known source within reasonable distance of the Work. The Contractor shall also submit proof, that the inability to obtain such Goods when originally planned, did in fact cause a delay in final completion of the Work that could not be compensated for by revising the sequence of its operations. Only the physical shortage of Goods will be considered as a basis for an extension of time. No consideration will be given to any claim that Goods could not be obtained at a reasonable, practical, or economical cost, unless it is shown to the satisfaction of Metro that:

1. Such Goods could have been obtained only at exorbitant prices or;
2. The prices were entirely inconsistent with current rates, taking into account the quantities involved and the usual practices employed in obtaining such quantities; and
3. Such facts could not have been known or anticipated at the time the Contract or CWO was executed.

GC-20-D In case the Contractor is actually and necessarily delayed by any act or omission on the part of Metro, or others under contract with Metro and providing that the Contractor notifies Metro in writing within five (5) days from the beginning of any such delay, specifying the act or omission causing such delay, the time for completion of the Work shall be extended accordingly, and an adjustment shall be made to the TCP or CWO Price for any increase in the cost of performance of the Services or Work (excluding profit) necessarily caused by such delay. If the delay in the performance of the portion of Work described in the Contractor's five (5) day notice has been similarly delayed by Contractor-induced causes, including but not limited to the fault or negligence of the Contractor or any of its Subcontractors, the time for completion of the Work will be extended for the period of any such concurrent delay with no adjustment to the TCP or CWO Price.

GC-20-E Within thirty (30) days after the last day of a delay, the Contractor shall supply Metro with detailed information concerning the circumstances of the delay, the number of days actually delayed, the appropriate Contract and CWO references, and the measures taken to prevent or minimize the delay. Failure to submit such information shall be sufficient cause for denying the delay claim. Metro will ascertain the facts and the extent of the delay; its findings thereon will be final and conclusive unless the Contractor disputes the decision. All time extensions must be approved by Metro prior to Contract or CWO Final Acceptance.

GC-20-F No extension of time will be granted under this Article for any delay in which remedies are included or excluded by any other provision of the Contract. Only the actual delay necessarily resulting from the causes specified in this Article shall be grounds for extension of time. In case the Contractor is delayed at any time or for any period by two or more of the causes specified in this Article, the

Contractor shall not be entitled to a separate extension for each one of the causes; only one extension will be granted for the entire delay.

The Work shall continue and be carried on in accordance with all the provisions of the Contract. The Contract shall remain in full force and effect during the continuance and until the completion and Final Acceptance of the Services or Work covered by the Contract or CWO, unless formally suspended or terminated in accordance with the terms of the Contract. Permitting the Contractor to finish the Work, or any part thereof, after the time fixed for completion or after the date to which the time for completion may have been extended and/or making payments to the Contractor after any such periods shall not constitute a waiver on the part of Metro of any rights under the Contract.

GC-20-G Neither the granting of an extension of time beyond the date fixed for the completion of any part of the Work nor the performance and Acceptance of any part of the Work after the time specified for the completion of the Work shall be deemed to be a waiver by the authority of Metro's right to terminate the Contract or CWO for abandonment or failure to complete within the total time specified or to impose and deduct damages as may be specified.

GC-20-H In all cases that the Contractor either claims or intends to claim a delay, the Contractor shall submit to Metro at the earliest possible date and supplement thereafter as information becomes available:

1. An analysis of the impact of the claimed delay event upon the Contractor's then current Schedule, identifying the affected activities and the actual impacts; and
2. Proposals to minimize the effects of the claimed delay.

GC-21 CHANGES

GC-21-A The term "Change(s)," as used herein, means substitutions, additions, or deletions which result in revisions to the Contract or CWO. Change does not mean work performed by the Contractor to correct defective Work caused by the Contractor's negligent acts, errors or omissions.

GC-21-B Metro may at any time, and from time to time without invalidating the Contract or CWO, make Changes in the Scope of Work. Metro and Contractor will endeavor to reach mutual agreement regarding costs and Schedule associated with the Change; however, Metro reserves the right to direct the Contractor to perform the Changed Work. Such Changes, including any increase or decrease in the amount of the Contractor's compensation and/or the period of performance, shall be incorporated into the Contract or CWO through the issuance of a Contract Amendment or CWO Revision. All of the provisions of the Contract shall apply to Changes. Upon receipt of a Contract Amendment or CWO Revision, approved by Metro, the Contractor shall continue performance of the Scope of Work as modified by the Amendment.

GC-21-C If a Fixed Fee as defined in the Compensation and Payment section is a part of the compensation for the Contract or CWO, it is the agreed intent of the parties

that the Fixed Fee is an amount fixed at the inception of a CWO with respect to the Work planned and Scheduled as set forth in the Scope of Work and is not intended to vary with actual costs for the Work. A Contract Amendment or CWO Revision issued hereunder may, but will not automatically, result in a Change to the Fixed Fee.

GC-21-D Contractor's Cost and Schedule Proposal: The Contractor shall submit a Contractor's Cost and Schedule Proposal (utilizing the Form 60 provided in Compensation and Payments Provisions) to Metro within ten (10) days after receipt of a change request. The proposal shall detail price and scheduling information showing all of the cost and time ramifications of the Changes shown in the request. If any prices or other aspects are conditional, such as orders being made by a certain date or the occurrence of a particular event at a specified time, the Contractor shall identify these conditions in its proposal. The components to be used by the Contractor in preparing the proposal shall be those set forth in the Compensation and Payment Provisions and shall be presented in such a manner that all elements of the proposal can be easily identified and certified upon request. The submittal shall include certified current cost or pricing data as described in the Article entitled AUDITS herein.

GC-21-E Contract Amendment Or CWO Revision:

A Contract Amendment shall be agreed to by the Parties to reflect changes in the Contract terms and/or Scope of Services.

When the Contractor's compensation for a Change and the required adjustments, if any, to the Total Contract Price or CWO Price and/or Schedule have been determined, a Contract Amendment or CWO Revision will be issued containing the following items:

1. The total Contract/CWO adjustments to be made.
2. A statement that it is Metro's intention to treat the items described therein as Changes in the Work.
3. Scheduling requirements, time extensions, prices, and all costs of any nature arising out of each Change and a Certificate of Current Cost or Pricing Data.
4. A statement that the adjustment to the Total Contract Price or CWO Price, if any, includes all amounts to which the Contractor is entitled as a result of the events giving rise to the CWO Revision.

The execution of a Contract Amendment or CWO Revision by both parties shall be deemed to be an agreement to all Changes in Contract terms and/or Scope of Services and costs and time of performance related to each Change. There will be no reservation of rights by either party on a bi-lateral Contract Amendment or CWO Revision.

For all Contract Amendments or CWO Revisions greater than or equal to one-hundred-thousand dollars (\$100,000), an Ethics Declaration must be submitted by the Contractor.

GC-21-F Except as expressly provided herein, no order, statement, or conduct of any person shall be treated as a Change under the Contract or a CWO or entitle the Contractor to any adjustment under the Contract or a CWO.

GC-22 AUDIT SOFTWARE

At the request of Metro, the Contractor, Subcontractors and Suppliers shall allow installation of computer assisted audit techniques (CAAT) software supplied by Metro on its computer systems during the audit of Metro's contract. In lieu of installation of CAAT software on the Contractor's, Subcontractor's or Supplier's Home Office computers, a verified backup copy of its computer systems' database(s) can be supplied. Upon reasonable advance notice, the Authorized Auditors shall have access at all reasonable times to this software, database or verified copy for the purpose of auditing and verifying the Contractor's costs claimed to be due and payable hereunder. Prior to the start of an audit, the CAAT software will be supplied to the Contractor, its Subcontractors and Suppliers to allow for testing and review on its computer system. Once the audit is complete, the software will be removed from the Contractor's, its Subcontractors' and its Suppliers' computer system. The software will be installed permanently at the Program Office in order to assist the Authorized Auditors in the review of the Program Office costs.

GC-23 NOTICE OF INTENT TO CLAIM AND CLAIMS

- A. The Contractor shall give to Metro a written notice of potential claim within five (5) days of any act or event for which it intends to seek adjustment in the Contract/CWO price, terms, or schedule. The written notice shall set forth the basis of the claim and an estimate of any costs involved. The claim shall be filed within 30 days of the act or event and shall be in sufficient detail to allow Metro to evaluate the claim. The Contractor shall also furnish any additional information relating to the claim as Metro may request. Failure of the Contractor to comply with these requirements shall be sufficient cause for denying the Contractor's claim.
- B. Metro shall, within 30 days of the receipt of the claim, render a decision or provide an estimate of when a decision will be made. If no decision is made within 30 days of the filing of the claim, or within any extended period mutually agreed to in writing by the parties, the claim shall be deemed rejected by Metro. The Contractor shall proceed diligently with performance of the Contract/CWO, pending resolution of any claim or appeal or action ensuing under the Contract/CWO.

GC-24 RESOLUTION OF DISPUTES

The Parties shall use their best efforts to resolve disputes under the Contract by submission of the dispute to Metro's Contract Administrator and the Contractor's Contract Administrator. If a dispute cannot be resolved at this administrative level, the Parties may mutually agree to utilize an alternative dispute resolution

(ADR) process such as arbitration, mediation, or other recognized ADR process for settling a dispute.

GC-25 SUSPENSION*

GC-25-A The requirements of this Article are in addition to other audit, inspection, and record keeping requirements specified elsewhere in the Contract.

GC-25-B If Metro notifies Contractor that work on a particular portion of the Project will be suspended for a period to exceed one hundred eighty (180) days, Contractor shall immediately notify Metro that key personnel working on that portion of the work can either:

(1) Be moved to support another portion of the Program, as approved by Metro, or

(2) Be released because there is no need for the services of the specific key personnel on the Program

If suspension is less than one hundred eighty (180) days, Contractor and Metro shall agree upon the short-term duties of all affected personnel.

GC-25-C The Contractor shall comply immediately with any written order it receives from Metro suspending the Work and take all reasonable steps to minimize costs allocable to the Work covered by the suspension during the period of suspended Work. The Contractor shall resume performance of the suspended Work upon expiration of the notice of suspension, or upon direction of Metro.

GC-25-D The Contractor shall be allowed an equitable adjustment in the TCP and CWO Price (not to include profit) and/or an extension of the Contract or CWO Time, directly attributable to any suspension and/or to recover reasonable costs incurred during suspension, provided that the Contractor makes a Claim as provided in the Article entitled NOTICE OF INTENT TO CLAIM AND CLAIMS herein. However, no adjustment shall be made under this Article for any suspension, delay or interruption to the extent that Contractor's performance would have been so suspended, delayed or interrupted by any other cause, including the fault or negligence of the Contractor, or for which an equitable adjustment or an extension of time is provided for or excluded under any other term or condition of the Contract.

GC-25-E Submittal of an RFC by the Contractor for an equitable adjustment of the TCP or CWO Price or the Contract or CWO Time extension shall be filed in compliance with the Article entitled CHANGES herein; and within twenty (20) days after the end of the Work suspension. The provisions of this Article shall only apply if a written order of suspension is issued by Metro.

GC-25-F Metro will make partial payments against costs authorized by Metro and incurred by the Contractor in connection with the suspended portion of the Contract or CWO, so long as the aggregate of such payments does not exceed the authorized value of the Contract or CWO.

GC-26 TERMINATION FOR CONVENIENCE OF METRO*

GC-26-A The performance of the Services or Work under the Contract or a CWO may be terminated at any time, in whole or in part, as determined by Metro in its sole discretion. Such termination will be accomplished by delivery of a Notice of Termination to the Contractor, specifying the extent to which performance of the Services or Work under the Contract or CWO shall be terminated and the date upon which such termination shall become effective.

GC-26-B After receipt of a Notice of Termination, except as otherwise directed by the AUTHORITY, the Contractor shall:

1. Stop Work under the Contract or a CWO on the date and to the extent specified in the Notice of Termination.
2. Place no further orders or Subcontracts for Goods or Work, except as may be necessary for completion of such portions of the Services or Work expressly excluded from the Notice of Termination.
3. Communicate any Notice of Termination to the affected Subcontractors and Suppliers, and any other parties, at any tier.
4. Terminate all orders and Subcontracts that relate to the performance of the Work terminated by the Notice of Termination.
5. Settle outstanding liabilities and Claims arising out of such termination of orders and Subcontracts, with the acceptance of Metro if required (which acceptance shall be final for the purposes of this Article).
6. Assign to Metro in the manner, at the times, and to the extent directed by Metro all of the rights, titles, and interests of the Contractor under the orders and Subcontracts so terminated; in which case Metro will have the right, at its sole discretion, to settle or pay any or all Claims arising out of the termination of such orders and Subcontracts.
7. Transfer title and deliver to Metro in the manner, at the times, and to the extent directed by it:
 - a. Work in process, completed Work, and other Goods procured as a part of, or acquired in connection with, the performance of the Work terminated; and
 - b. The completed or partially completed plans, drawings, information, and other items that would have been required (per the Scope of Services and Scope of Work) to be furnished to Metro if the Contract or a CWO had been completed.
8. Use its best efforts to sell the Goods of the types referred to above in the manner, at the times, to the extent, and at the price(s) directed or authorized by Metro, providing that the:

- a. Contractor is not required to extend credit to any purchaser;
 - b. Contractor may acquire any such Goods under the prescribed conditions; and/or
 - c. Proceeds of any such transfer or disposition are applied or otherwise credited to reduce payments made by Metro to the Contractor under the Contract or CWO.
9. Take any action that may be necessary, or that Metro may direct, for the protection and preservation of the property related to the Contract that is in the possession of the Contractor and in which Metro has or may acquire an interest.
 10. Comply with all other requirements of Metro as may be specified in the Notice of Termination.
 11. Complete performance of that portion of the Work that has not been terminated by the Notice of Termination, as applicable and in accordance with the Contract.

GC-26-C If the termination is for the convenience of Metro, Contractor shall submit a final invoice within 60 days of termination and upon approval by Metro, Metro shall pay Contractor a percentage of the total Contract price based on the percentage of the Work completed prior to the effective date of termination and other costs reasonably incurred by the Contractor to implement the termination.

GC-26-D Upon failure of the Contractor to submit its termination claim within the time specified, Metro will determine the amount due the Contractor, if any, on the basis of information available, and will pay the Contractor the amount so determined. Such payment shall constitute payment in full for the Work performed under the Contract or CWO. Any allowable costs incurred prior to the date of termination shall be handled in accordance with the Compensation and Payment Provisions.

GC-26-E Subject to the provisions of the above Subarticle, the Contractor and Metro may agree upon the total or partial amount to be paid to the Contractor by reason of the total or partial termination of the Work pursuant to this Article. The Contract or CWO will be amended or revised accordingly and the Contractor will be paid the agreed-upon amount. Nothing in the following Subarticle, which deals with the failure to reach agreement on the total amount to be paid to the Contractor, shall be deemed to limit, restrict, or otherwise determine or affect the amount that may be agreed upon pursuant to this Subarticle.

GC-26-F In the event of failure of the Contractor and Metro to agree on the total amount to be paid the Contractor by reason of the termination of Work pursuant to this Article, Metro will pay the Contractor the amounts determined by Metro as follows, exclusive of any amounts agreed upon in accordance with the preceding Subarticle:

1. The Contract or CWO Price allocable to the portion of the Work properly performed by the Contractor as of the date of termination, including overhead, and Fixed Fee or profit, as determined in accordance with the Compensation and Payment Provisions, reduced by any sums previously paid to the Contractor.
2. The cost of settling and paying Claims arising out of the termination of the Work under Subcontracts or orders as specified above, exclusive of the amounts paid or payable on account of Goods delivered or Work furnished by Subcontractors prior to the effective date of the Notice of Termination of Work under the Contract or CWO, which amounts are included in subarticle E of this Article.
3. Profit on the cost of Work performed is included in the amount determined in subarticle E of this Article. However, if the Contractor would have sustained a loss on the entire Contract or CWO had it been completed, the Contractor shall not be entitled to a profit and the settlement will be reduced to reflect the indicated rate of loss.
4. The reasonable cost of preserving and protecting property will also be paid, as well as any other reasonable costs incidental to the termination of the Work under the Contract or a CWO, including those reasonable expenses incurred to determine the amounts due.

GC-26-G Except to the extent that Metro will have otherwise expressly assumed the risk of loss, the fair value (as determined by Metro) of property that is destroyed, lost, stolen, or damaged (so as to become undeliverable to Metro or other buyer as described above) shall be excluded from the amounts paid to the Contractor.

GC-26-H In arriving at the amount due the Contractor under this Article, retention shall be made for the following:

1. The amount of the Claim that Metro may have against the Contractor in connection with the Contract or a CWO; and
2. The agreed upon price for and/or proceeds from the sale of Goods or other items acquired or sold by the Contractor that have not been otherwise recovered by or credited to Metro.

GC-26-I Under such terms and conditions as it may prescribe and at its sole discretion, Metro may make partial payments against costs incurred by the Contractor in connection with the terminated portion of the Contract or a CWO whenever Metro decides that the aggregate of such payments is within the amount to which the Contractor is entitled hereunder. If the total of such payments is in excess of the amount finally agreed-upon or determined to be due under this Article, such excess shall be payable by the Contractor to Metro upon demand, together with interest at a rate equal to that set forth in California Code of Civil Procedure Section 685.010.

GC-26-J The Contractor shall not be entitled to anticipatory or consequential damages as a result of any termination under this Article. Payment to the Contractor in

accordance with this Article shall constitute the Contractor's exclusive remedy for any termination hereunder. The rights and remedies of Metro provided in this Article are in addition to any other rights and remedies provided by law or under the Contract.

GC-26-K Anything contained in the Contract or a CWO to the contrary notwithstanding, a termination under this Article shall not waive any right or claim to damages that Metro may have; Metro may pursue any cause of action that it may have by law or under the Contract.

GC-27 TERMINATION FOR DEFAULT*

GC-27-A Metro may terminate the Contractor's Work, in whole or in part, for default under any of the following circumstances:

- 1) Failure or refusal of the Contractor to perform any obligation required under the Contract or a CWO, or violation of any duty required of the Contractor under the Contract or a CWO.
- 2) Bad faith by the Contractor.
- 3) Violation by the Contractor of an order or requirement of Metro authorized by or within the scope of the Contract or a CWO.
- 4) Abandonment of the Contract or a CWO by the Contractor.
- 5) A filing by or against the Contractor of a petition in bankruptcy, reorganization, insolvency, conservatorship, or similar proceeding.
- 6) Failure of the Contractor to pay any amounts owing to any persons performing any portion of the Work, or the failure of the Contractor to pay its debts incurred on the Contract as they become due, providing that such failure continues for a period of ten (10) working days after written notice to the Contractor by Metro.
- 7) The attachment, levy, execution, or other judicial seizure of any portion of the Contractor's property, or any substantial portion of the other assets of the Contractor, which is not released, expunged, or discharged within a period of ten (10) working days.
- 8) Material failure to comply with any law, ordinance, rule, regulation, or order of a legal authority applicable to the Contractor, the Services, the Work, the Contract, a CWO, the Program or the Project.
- 9) Failure to indemnify any party that the Contractor is obligated to indemnify under the Article entitled LIABILITY AND INDEMNIFICATION herein or elsewhere under the Contract.
- 10) Failure to promptly correct or re-perform rejected Work.
- 11) Conviction of the Contractor or any of its officers, partners, principals, or employees for a violation of any federal, state or local safety law or

regulation, or for a crime arising out of, or in connection with, the Work to be done or payment to be made under the Contract.

GC-27-B If Metro determines the Contractor is in default of the Contract or CWO, Metro will so notify the Contractor by issuing a Cure Notice describing the default. If the Contractor fails to cure the default within five (5) days after receipt of such Cure Notice, or if the default cannot be cured within five (5) days, and the Contractor fails to commence to cure within five (5) days and diligently proceed to cure within the time Metro determines to be necessary, Metro may, by written notice, terminate the Contractor's right to proceed under all or such part of the Contract or CWO as Metro at its sole discretion deems to be in its best interest. Whether or not the Contract or a CWO or any part thereof is terminated, the Contractor shall be liable for any damage to Metro resulting from the Contractor's default.

GC-27-C Upon receipt of a Notice of Termination for default from Metro, the Contractor shall:

- 1) Stop all Work under the Contract or a CWO on the date and to the extent specified in the Notice of Termination.
- 2) Place no further orders or Subcontracts for Goods or Work, except as may be necessary for completion of such portions of the Services or Work expressly excluded from the Notice of Termination.
- 3) Communicate any Notice of Termination to the affected Subcontractors and Suppliers, and any other parties, at any tier.
- 4) Terminate all orders and Subcontracts that relate to the performance of Work terminated by the Notice of Termination.
- 5) Comply with all other requirements of Metro as may be specified in the Notice of Termination.

GC-27-D Upon Metro's termination of the Contract or CWO because of the Contractor's default under the Contract or a CWO, Metro shall have the right to complete the Work by whatever means and methods it deems advisable. Metro will not be required to obtain the lowest prices for completing the Work, but shall make such expenditures that, in Metro's sole judgment, best accomplish such completion.

GC-27-E If the termination is due to the failure of the Contractor to fulfill its contractual obligations, Metro may take over the Work, and complete the Work by contract or otherwise. In such case, the Contractor shall be liable to Metro for any reasonable costs or damages occasioned to Metro thereby. The expense of completing the Work, or any other costs or damages otherwise resulting from failure of the Contractor to fulfill its obligations, will be charged to the Contractor and will be deducted by Metro out of such payments as may be due or may at any time thereafter become due to Metro. If such costs and expenses are in excess of the sum which otherwise would have been payable to the Contractor, then the Contractor shall promptly pay the amount of such excess to Metro upon notice of the excess so due.

GC-27-F If the Contract or CWO is terminated as specified in this Article, Metro may require that the Contractor transfer title to and deliver the following items to Metro as directed: any Goods, fixtures, plans, drawings, information, reports, estimates, Contract or CWO rights and other items that the Contractor has specifically produced or acquired for the terminated portion of the Contract or a CWO and would have been required to be furnished to Metro if the Contract or a CWO had been completed. The Contractor also shall, at its sole expense, protect and preserve property in its possession in which Metro has an interest.

GC-27-G If, after the notice of termination for failure to fulfill Contract obligations, it is determined that the Contractor has not so failed, the termination shall be deemed to have been effected for the convenience of Metro. In such event, adjustment shall be made as provided in Article entitled TERMINATION FOR CONVENIENCE herein.

The Contractor shall not be entitled to anticipatory or consequential damages as a result of any termination under this Article. Payment to the Contractor in accordance with this Article shall constitute the Contractor's exclusive remedy for any termination hereunder. The rights and remedies of Metro provided in this Article are in addition to any other rights and remedies provided by law or under the Contract.

GC-28 ASSIGNMENT*

GC-28-A The Contractor shall not assign, transfer, convey, or otherwise dispose of the Contract or a CWO (or the right, title, or interest in it or any part of it) without the prior written consent and endorsement of Metro, which consent shall not be unreasonably withheld.

GC-28-B No right under the Contract shall be asserted against Metro, in law or in equity, by reason of any assignment of the Contract, or any part thereof, unless authorized by Metro as specified in this Article.

GC-28-C Any assignment of proceeds of the Contract shall be subject to all proper setoffs and withholdings in favor of Metro and to all deductions specified in the Contract or CWO. All monies withheld, whether assigned or not, shall be subject to being used by Metro for completion of the Work, pursuant to the terms of the Contract. In the event that Metro consents to such assignment of monies, written notice thereof shall be given by the Contractor to Metro at least ten (10) days before payment is due.

GC-29 ENVIRONMENTAL COMPLIANCE

GC-29-A The Contractor shall include the requirements of the following Subarticles in every Subcontract that is more than one hundred thousand dollars (\$100,000) and shall take such action as Metro directs to enforce these requirements.

GC-29-B The Contractor shall comply with all air, water, and noise pollution provisions set forth in the Scope of Services or Scope of Work.

GC-29-C Air Quality Control

1. The Contractor shall comply with all applicable standards, orders, and requirements issued under the Clean Air Act (42 USC § 7401); all applicable standards of the State of California; and all clarifications, mitigation measures, and any other requirements approved by Metro in accordance with state and federal laws.
2. The Contractor shall comply with all rules, regulations, and ordinances of the South Coast Air Quality Management District (SCAQMD) and statutes of the State that apply to any Work performed pursuant to the Contract or CWO, including any air quality control rules, regulations, ordinances, and statutes specified in Section 11017 of the California Government Code. Contractor, Subcontractors, and Suppliers shall submit evidence to Metro that the governing air quality control criteria are being met; such evidence will be retained by Metro.
3. In the absence of applicable air quality control rules, regulations, ordinances, or statutes governing solvents, including but not limited to the solvent portions of paints, thinners, curing compounds, and liquid asphalt used on the Contract or CWO, the Contractor shall comply with the applicable material requirements of the SCAQMD. Containers of paints, thinner, curing compound, or liquid asphalt shall be labeled to indicate that the contents fully comply with said requirements.
4. The Contractor shall comply with California state law regarding pollution controls in purchasing new motor vehicles with Project funds.
5. Material to be disposed of shall not be burned.

GC-29-D Water Quality:

The Contractor shall comply with all applicable standards, orders, and requirements issued under the Clean Water Act (33 USC § 1251); all applicable water standards of the State of California; and all clarifications, mitigation measures, and any other requirements approved by Metro in accordance with state and federal laws.

GC-29-E Environmental Protection Agency Regulations

1. The Contractor shall comply with all applicable regulations (40 CFR Part 15) of the Environmental Protection Agency (EPA).
2. The Contractor shall not use any facility in the performance of the Contract or CWO that is listed on the EPA List of Violating Facilities, unless and until the EPA eliminates said name of such facility from said listing. The Contractor shall promptly notify Metro of the receipt of any communication from the Director, Office of Federal Activities, EPA (or any successor agency), indicating that a facility to be used by the Contractor is under consideration for listing on the EPA List of Violating Facilities. The Contractor shall also

report violations to Metro, to the FTA, and to the EPA Assistant Administrator for Enforcement.

GC-29-F Energy Conservation:

The Contractor shall comply with all mandatory standards and policies relating to energy efficiency that are contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 USC 6321). Refer to the Scope of Services or the Scope of Work for energy conservation measures.

GC-30 HISTORICAL, ARCHAEOLOGICAL, PALEONTOLOGICAL, AND SCIENTIFIC DISCOVERIES*

All things of historical, archaeological, paleontological, or scientific interest encountered by the Contractor during performance of the Work shall be reported immediately to Metro. Work in the vicinity of the discovery shall be halted in order to preserve and protect it until its significance can be determined by Metro. Metro will issue instructions to the Contractor with respect to the disposition of the discovery.

GC-31 THE CONTRACTOR'S INTERACTION WITH THE MEDIA AND THE PUBLIC*

1. Metro shall review and approve all Metro related copy proposed to be used by the Contractor for advertising or public relations purposes prior to publication. The Contractor shall not allow Metro related copy to be published in its advertisements and public relations programs prior to receiving such approval. The Contractor shall ensure that all published information is factual and that it does not in any way imply that Metro endorses the Contractor's firm, service, and/or product.
2. The Contractor shall refer all inquiries from the news media to Metro, and shall comply with the procedures of Metro's Public Affairs staff regarding statements to the media relating to the Contract or the Work.
3. If the Contractor receives a complaint from a citizen or the community, the Contractor shall inform Metro about what action was taken to alleviate the situation.
4. The Contractor shall not publish information or technical data acquired or generated by the Contractor in performing the Contract until such time as such information or technical data is released in published reports by Metro or otherwise authorized by Metro.

GC-32 WHISTLEBLOWER REQUIREMENTS*

GC-32-A The Contractor shall not adopt any rule, regulation or policy preventing an employee from disclosing information to a government or law enforcement agency, where the employee believes the information discloses violation or

noncompliance with a state or federal regulation; nor shall an employer retaliate against an employee for taking such actions as set forth in the California Labor Code Sections 1101 et. seq.

GC-32-B The Contractor shall post and maintain all Metro Phone Hotline literature provided by Metro ("Hotline Literature") at place(s) of performance during the term of the Contract. All Hotline Literature is to be posted in prominent locations that are highly visible and accessible to Contractor's employees. Contractor shall not hinder or coerce its employees from using Metro Phone Hotline to voice ideas, suggestions, or concerns relative to the performance of any Metro contract. The Contractor shall provide access to Metro representatives for the purpose of verifying Contractor's adherence to this section. In the event Metro inspection finds the Contractor has failed to comply herewith, the Contractor shall correct such failures including, but not limited to, replacing Hotline Literature and sponsoring training sessions, with Metro representatives, on the use of Metro Phone Hotline.

GC-33 COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT*

The Contractor shall comply with all applicable provisions of the Americans with Disabilities Act in performing the Work under the Contract.

GC-34 SEVERABILITY*

In the event any Article, section, Subarticle, paragraph, sentence, clause, or phrase contained in the Contract or CWO shall be determined, declared, or adjudged invalid, illegal, unconstitutional, or otherwise unenforceable, such determination, declaration, or adjudication shall in no manner affect the other Articles, sections, Subarticles, paragraphs, sentences, clauses, or phrases of the Contract or CWO, which shall remain in full force and effect as if the Article, section, Subarticle, paragraph, sentence, clause, or phrase declared, determined, or adjudged invalid, illegal, unconstitutional, or otherwise unenforceable, was not originally contained in the Contract or CWO.

GC-35 GOVERNING LAW*

The Contract has been negotiated between Metro and the Contractor and shall be subject to the laws of the State of California.

By entering into the Contract, the Contractor consents and submits to the jurisdiction of the Courts of the State of California, County of Los Angeles, over any action at law, suit in equity, and/or other proceeding that may arise out of the Contract.

GC-36 PUBLIC RECORDS ACT*

GC-36-A All records, documents, drawings, plans, specifications and other information relating to conduct of Metro's business, including information submitted by the Contractor shall become the exclusive property of Metro and shall be deemed public records. Said materials are subject to the provisions of the California

Public Records Act (Government Code sections 6250 et. seq.). Metro's use and disclosure of its records are governed by this Act. Metro will not advise as to the nature or content of documents entitled to protection from disclosure under the California Public Records Act.

GC-36-B In the event of litigation concerning the disclosure of any information submitted by the submitting parties, Metro's sole involvement will be as a stakeholder, retaining the information until otherwise ordered by a court. The submitting party, at its sole expense and risk, shall be responsible for any and all fees for prosecuting or defending any action concerning the information, and shall indemnify and hold Metro harmless from all costs and expenses including attorneys' fees, in connection with any such action.

GC-37 INDEMNIFICATION*

Contractor shall indemnify, defend and hold harmless Metro, its officers, agents and employees from all liability, damages, losses and expenses ("Liability"), including, without limitation, Liability arising out of injuries to and death of persons and damage to property, resulting from the negligent acts or omissions of Contractor, its agents, employees or subcontractors related to Contractor's performance of its Work hereunder.

GC-38 RIGHTS IN TECHNICAL DATA, PATENTS AND COPYRIGHTS*

All documents and materials prepared or developed by the Contractor and its subcontractors pursuant to this Contract shall become the property of Metro without restriction or limitation on their use and shall be made available upon request, to Metro at any time. Original copies of such shall be delivered to Metro upon completion of the Work or termination of the Work. The Contractor shall be permitted to retain copies of such items for the furtherance of its technical proficiency; however, publication of this material is subject to the written approval Metro.

GC-39 SOFTWARE LICENSING AGREEMENT AND PROVISIONS FOR USE*

GC-39-A The Terms Used In This Article Are Defined As Follows:

1. **Software:** The computer programs and products required to be developed and delivered by the Contractor to Metro under the Contract, in object code (but excludes commercial software developed at private expense and not in the public domain).
2. **Source Code Materials:** A human-readable copy of the Software and related materials and documentation generated in preparing the Software, including programmer notes, flow charts, logic diagrams, and listings.
3. **Documentation:** Systems and user manuals sufficient to enable a person skilled in the applicable art to operate, maintain, and support the Software for its intended purposes.

- GC-39-B** The Contractor shall deliver to Metro the Software, Source Code Materials, and Documentation, in such tape, disk, or hardcopy format as Metro may designate.
- GC-39-C** The Contractor shall retain ownership of the Software, Source Code Materials, and Documentation with the right to exploit the same, subject to Metro's rights as herein provided. Metro shall place such copyright notices affirming the Contractor's ownership rights as the Contractor may reasonably require on all materials licensed hereunder which are reproduced by Metro.
- GC-39-D** The Contractor hereby grants to Metro a royalty-free, paid-up, non-exclusive license, in perpetuity, to use duplicate, and disclose the Software, Source Code Materials, and Documentation, and to make modifications of and enhancements to the Software, and permit others (who sign standard nondisclosure agreements) to do the same, but only for governmental purposes and not for any commercial purposes.
- GC-39-E** Metro shall hold the Software, Source Code Materials, and Documentation in confidence, shall use and disclose them only as expressly authorized herein or as required by law and only to its employees, agents or sublicensees to whom disclosure is necessary or appropriate for the performance and exercise of its rights hereunder, and shall take reasonable steps to ensure that unauthorized persons will have no access to them.
- GC-39-F** The Contractor warrants that the Software will perform according to the specifications set forth in the Contract, that it is owner of the Software, Source Code Materials, and Documentation that it has the right to convey and grant the license herein granted to Metro, and that Metro's use thereof as herein contemplated will not infringe any third party's proprietary rights in the United States. The foregoing warranties shall not apply to the extent the Software is modified by Metro.
- GC-39-G** Upon Metro's request the Contractor shall generate modifications of and enhancements to the Software not required by the Contract, at the Contractor's rates charged for comparable Work to its most favored customers.

GC-40 AGENT TO ACCEPT SERVICE

The Contractor shall maintain within Los Angeles County a duly authorized agent as identified in the Article entitled NOTICE AND SERVICE THEREOF of the Special Provisions to accept service of legal process on its behalf, and shall keep Metro advised of such authorized agent name and address during the duration of the Contract and for three (3) years after Final Payment, or as long as the Contractor has warranty obligations under the Article entitled WARRANTY herein, whichever period terminates later. In the event that no such duly authorized agent is on file with Metro, the Contractor agrees that the Secretary of State of the State of California shall be the Contractor's authorized agent for service of legal process.

GC-41 CONFLICT OF INTEREST*

GC-41-A Contractor warrants that it has not employed or retained any company or person, other than a bonafide employee working solely for Contractor, to solicit or secure the Contract and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for Contractor, any fee, commission, percentage, brokerage fee, gifts or any other consideration, contingent upon or resulting from the award or making of the Contract. For breach of this warranty, or violation of any other prohibition in this Article, Metro shall have the right to terminate the Contract for failure of Contractor to fulfill its Contract obligations.

GC-41-B Contractor agrees that, for the term of the Contract, no member, officer, or employee of Metro, or of a local public body during their employment and for one (1) year thereafter, shall have any interest, direct or indirect, in the Contract, or to any benefit arising thereof as prohibited by Government Code § 1090 and 87100.

GC-41-C The employment by Contractor of personnel on the payroll of Metro for the performance of Work under the Contract will not be permitted, even though such employment may be outside of the employee's regular working hours or on Saturdays, Sundays, holidays, or vacation time. The employment by the Contractor of personnel who have been on Metro payroll within one (1) year prior to the date of Contract award, where such employment is caused by and/or dependent upon Contractor securing the Contract or a related contract with Metro, is also prohibited.

GC-41-D Neither the Contractor nor its employees nor its subcontractors or their employees shall give or offer to give any campaign contribution to any member of Metro in violation of Government Code Section 84308.

GC-41-E The Contractor shall not be permitted to participate in any capacity in contracts, subcontracts or proposals (solicited or unsolicited) which may arise from its performance under the Contract and from any solicitations relating to the Project.

GC-42 COVENANT AGAINST CONTINGENT FEES*

GC-42-A The Contractor warrants that no person or Authorized Representative has been specifically employed or retained to solicit or obtain the Contract in exchange for a contingent fee, except a bona fide employee or Agent. A breach or violation of this warranty shall be considered a breach of Contract pursuant to the Article entitled TERMINATION FOR DEFAULT herein. In addition to any rights and remedies otherwise provided for in the Contractor by law, Metro may deduct from the TCP or consideration, or otherwise recover, the full amount of the contingent fee.

GC-42-B "Bona fide Agent", as used in this Article, means an established commercial or selling entity that is maintained by the Contractor for the sole purpose of securing business and that neither exerts nor proposes to exert improper influence to solicit or obtain Metro contract(s) nor holds itself out as being able to obtain any Metro contract(s) through improper influence.

GC-42-C "Bona fide employee", as used in this Article, means a person who is employed by the Contractor and subject to the Contractor's supervision and control as to time, place, and manner of performance and who neither exerts nor proposes to exert improper influence to solicit or obtain Metro contract(s) nor holds itself out as being able to obtain any Metro contract(s) through improper influence.

GC-42-D "Contingent fee", as used in this Article, means any commission, percentage, or other sum that is payable only upon success in securing an Metro contract.

GC-42-E "Improper influence," as used in this Article, means any influence that induces or tends to induce an Metro employee, officer, Contractor, Subcontractor, Authorized Representative, or Consultant to give consideration or to act regarding an Metro Contract on any basis other than the merits of the matter.

GC-43 NO WAIVER

GC-43-A Failure of Metro to enforce at any time, or from time to time, any provision of the Contract shall not be construed as a waiver thereof.

No waiver by Metro of any breach of any provision of the Contract shall constitute a waiver of any other breach or of such provision.

Failure or delay by Metro to insist upon strict performance of any terms or conditions of the Contract, or to exercise any rights or remedies provided herein by law, shall not be deemed a waiver of any right of Metro to insist upon strict performance of the Contractor's obligations set forth in the Contract, or any of its rights or remedies as to any prior or subsequent default hereunder.

GC-44 CONFIDENTIALITY*

Contractor agrees that for and during the entire term of the Contract, any information, data, figures, records, findings and the like received or generated by the Contractor in the performance of the Contract, shall be considered and kept as the private and privileged records of Metro and will not be divulged to any person, firm, corporation, or other entity except on the direct authorization of Metro. Further, upon termination of the Contract for any cause, Contractor agrees that it will continue to treat as private and privileged any information, data, figures, records and the like, and will not release any such information to any person, firm, corporation or other entity, either by statement, deposition, or as a witness, except upon direct written authority of Metro.

The Contractor shall not publish information or technical data acquired or generated by the Contractor in performing the Contract until such time as such information or technical data is released in published reports by Metro.

GC-45 SAFETY AND LOSS PREVENTION *

This Article is to be construed in its broadest sense for the protection of persons and property by the Contractor and no action or omission by Metro, the

Contracting Officer, any Authorized Representative or any other person shall relieve the Contractor of any of its obligations and duties hereunder.

A. Metro's Safety Principles

1. Safety is a 24/7 priority
2. Safety is everyone's responsibility
3. Accidents and injuries are preventable
4. Working safely is a condition of employment
5. Training is essential for good safety performance
6. Management is accountable for safety

B. Contractor Responsibilities

The Contractor is responsible for:

1. Complying with all applicable safety Laws
2. Enforcing Worksite safety practices; and
3. The discovery, determination and correction of any unsafe conditions related to the Contractor's performance of the Work or Goods supplied by the Contractor on Metro property.
4. The Contractor shall cooperate and coordinate with Metro and with other METRO Contractors on safety matters and shall promptly comply with any specific safety instructions or directions given to the Contractor by METRO.

C. Safety Practices

1. The Contractor shall inform its personnel of METRO safety practices and the requirements of Metro's safety program identified in **Metro Safety Manual For Other Than Major Construction**.
2. If any of the Contractor's personnel are required to visit any Worksites, the Contractor shall furnish suitable safety equipment and enforce the use of such equipment by those personnel. The Contractor shall cooperate and coordinate with Metro and with other Metro Contractors on safety matters and shall promptly comply with any specific safety instructions or directions given to the Contractor by Metro.

GC-46

ENGLISH REQUIREMENTS *

At all times, all Contractor personnel on site must have sufficient knowledge of the English language to comprehend safety related directions and requirements. At all times the Contractor shall have a lead representative on site who has sufficient comprehension of the English language to read, write, speak and understand all job related directions and discussions.

End Of General Conditions (Services)

COMPENSATION & PAYMENT PROVISIONS (FIRM FIXED PRICE)

Note:

Articles flagged with an asterisk (*) are Flow-down requirements as defined in Article SUBCONTRACTORS AND SUPPLIERS in Contract Document GENERAL CONDITIONS.

CP-01 BASIS OF COMPENSATION *

Contractor will be paid the Contract Price in accordance with the following Articles, the Payment Schedule in the Article entitled COMPENSATION in the Form of Contract and all other applicable terms and conditions of the Contract.

CP-02 PROGRESS PAYMENTS

A. Applicability

This Article applies only if the Payment Schedule in the Contract provides for Progress Payments.

B. Definition

A Progress Payment is a payment of a portion to the Contract Price for partial completion of the Work based upon the Payment Schedule.

C. Application for Progress Payment

Contractor's Applications for Progress Payments ("Applications") shall contain:

1. The original and two copies of the invoice, dated and identifying the Contract Number;
2. A description of the Work completed;
3. Any other documentation Metro requires to process the Progress Payment;
4. The Contractor's signature and certification that the Work has been performed in accordance with the Contract, using the form attached hereto as Exhibit 1; and
5. Signature of Metro's Authorized Representative acknowledging that the Work described in the Application has been done in accordance with the Contract.
6. Certification for Request for Payment attached as Exhibit 1

D. Terms of Payment

1. Contractor shall submit the Application to Metro, based on the Payment Schedule, not later than the 25th day of each month.
2. Metro will make Progress Payments within thirty (30) days after it's receipt of an undisputed and properly submitted Application. Upon receipt of an Application, Metro shall:
 - a. Review the Application to determine if it is complete and meets Contractual requirements.
 - b. Return any Application that is not complete or does not meet Contractual requirements, setting forth in writing the reasons for the determination.
 - c. No Progress Payments shall be made for Work not performed in accordance with the Contract.

CP-03

RETENTIONS, ESCROW ACCOUNTS AND DEDUCTIONS

A. Applicability

Except for the Section herein entitled Additional Deductions, this Article applies only if (1) the Payment Schedule in the Contract provides for Progress Payments, as described in the Article herein entitled Progress Payments, and (2) a portion of each Progress Payment will be retained by Metro.

B. Retention

Metro shall retain from each Progress Payment ten percent (10%) of the Progress Payment as part security for the fulfillment of the Contract by the Contractor. However, after fifty percent (50%) of the Work has been completed, if in the sole discretion of Metro, progress on the Work is satisfactory, Metro will not make further deductions on the remaining Progress Payments, except that the amount of the retention withheld shall not at any time thereafter be less than 5% of all of the Total Contract Price, as amended, or as adjusted by Change Orders. However, if Metro thereafter determines that the Work, or progress of the Work, is unsatisfactory, Metro may reinstate, continue or increase retentions in amounts necessary to increase the total retention to an amount not to exceed ten percent (10%) of the Total Contract Price.

C. Substitution of Securities

To ensure performance under the Contract, the Contractor may, at its sole expense, substitute securities equivalent to the retention withheld by Metro. Such securities shall be deposited with an escrow agent approved by Metro, who shall then pay such retention to the Contractor. Upon satisfactory

completion of the Contract, the securities shall be returned to the Contractor. The Contractor shall be the beneficial owner of any security substituted for monies withheld and shall receive any accrued interest thereon. Securities eligible for investment shall include those listed in Government Code §16430, bank or savings and loan certificates of deposit, interest bearing demand deposit accounts, standby letters of credit, or any other security mutually agreed to by the Contractor and Metro. No such substitution shall be accepted until the Escrow Agreement, securities, and any other documents related to the substitution are reviewed and accepted in writing by Metro.

D. Payment to Escrow Agent

In lieu of substitution of securities as provided above, the Contractor may request and Metro shall make payment of retention earned directly to the escrow agent described in the previous Section at the expense of the Contractor. At the expense of the Contractor, the Contractor may direct the investment of the payments into securities consistent with Government Code §16430 and the Contractor shall receive the interest earned on the investments upon the same terms provided for in this Article for securities deposited by the Contractor. Upon satisfactory completion of the Contract, the Contractor shall receive from the escrow agent all securities, interest and payments received by the escrow agent from Metro, pursuant to the terms of this Article. The Contractor shall pay to each Subcontractor, not later than twenty (20) days after receipt of the payment, the respective amount of interest earned, net of costs attributed to retention withheld from each Subcontractor, on the amount of retention withheld to ensure the performance of the Subcontractor. The escrow agreement used by the escrow agent pursuant to this Article shall be substantially similar to the form set forth in §22300 of the California Public Contract Code.

E. Release of Retention

Release of retention shall be in accordance with the Article herein entitled FINAL PAYMENT.

F. Additional Deductions

Metro may deduct from each Progress Payment any or all of the following:

1. Liquidated Damages that have accrued as of the date of the Application for Progress Payment;
 2. Deductions from previously paid Progress Payments, due to Metro's discovery of Deficiencies in the Work or non-compliance with the Specifications or any other requirement of the Contract;
 3. Sums expended by Metro in performing any of the Contractor's obligations under the Contract that the Contractor has failed to perform;
- and

4. Other sums that Metro is entitled to recover from the Contractor under the terms of the Contract including without limitation insurance deductibles and assessments.

The failure of Metro to deduct any of the above-identified sums from a Progress Payment shall not constitute a waiver of Metro's right to such sums or to deduct them from a later Progress Payment.

CP-04 PAYMENT TO SUBCONTRACTORS *

A. Applicability

This Article applies only if the Contractor has employed Subcontractors.

B. Requirements

1. Progress Payments - Contractor shall pay each Subcontractor under this Contract for satisfactory performance of its Subcontract no later than ten (10) days after its receipt of each Progress Payment from Metro.
2. Final Payment to Subcontractors - The Contractor shall pay to each Subcontractor all amounts it has retained from payments under the Subcontract within ten (10) days after the Subcontractor's Work is satisfactorily completed.
3. Delay in Payment – Contractor shall not delay payment beyond the ten (10) day time limit except for good cause, and only upon the prior written approval of Metro.

C. Failure to Comply

If Metro determines that the Contractor has failed to comply with this Article, Metro may give written notice to the Contractor and the Contractor's Surety describing the default, that the default shall be cured, and if the default is not cured as provided the Article entitled TERMINATION FOR DEFAULT in the GENERAL CONDITIONS of this Contract, the Contract may be terminated for default as provided therein, or Metro may exercise any other remedy it has under the Contract or Law.

CP-05 PAYMENT OF TAXES *

Unless otherwise specifically provided in this Contract, the Contract Price includes compensation for all taxes the Contractor is required to pay by Laws in effect on the date the Contractor's bid was opened. The Contractor shall pay all federal, state, and local taxes, and duties applicable to and assessable against any Work, including but not limited to retail sales and use, transportation, export, import, business, and special taxes. The Contractor shall ascertain and pay the taxes when due. The Contractor will maintain auditable Records, subject to Metro reviews, confirming that tax payments are current at all times.

FINAL PAYMENT *

A. Final Acceptance

After Final Acceptance of the Work, as provided in the General Conditions of this Contract, Final Payment will be made as follows:

1. Prior to Final Acceptance of the Contract, as provided in the General Conditions of this Contract, the Contractor shall prepare and submit an Application for Final Payment to Metro including:
 - a. The proposed total amount due the Contractor, segregated by items on the Payment Schedule, Amendments, Change Orders, and other bases for payment;
 - b. Deductions for prior Progress Payments;
 - c. Amounts retained;
 - d. List of Claims the Contractor is filing concurrently with the Application for Final Payment, or a statement that no Claims will be filed with the Application for Final Payment; and
 - e. List of pending unsettled Claims, stating claimed amounts.
2. Prior Progress Payments shall be subject to correction in Metro's review of the Application for Final Payment. Claims filed with the Application for Final Payment, or at any time thereafter prior to Final Payment, must be otherwise timely under the Contract and applicable Law.
3. Metro will review the Contractor's Application for Final Payment will forward any required changes or corrections to the Contractor. Within ten (10) days after receipt of required changes from Metro, the Contractor will make the changes, and, if applicable, list Claims that will be filed as a result of the required changes, and shall submit the revised Application for Final Payment. Upon acceptance by Metro, the revised Application for Final Payment will become the approved Application for Final Payment.
4. If no Claims have been filed with the initial or any revised Application for Final Payment and no Claims remain unsettled within thirty (30) days after Final Acceptance of the Work by Metro, and agreements are reached on all issues regarding the Application for Final Payment, Metro, in exchange for an executed release, satisfactory in form and substance to Metro, will pay the entire sum found due on the approved Application for Final Payment, including the amount, if any, allowed on settled Claims.
5. The release from the Contractor shall be from any and all Claims arising under the Contract, except for Claims that with the concurrence of Metro are specifically reserved, and shall release and waive all unreserved

Claims against Metro and its officers, directors, employees and Authorized Representatives. The release shall be accompanied by a certification by the Contractor that:

- a. It has resolved all Subcontractor, Supplier and other Claims that are related to the settled Claims included in the Final Payment;
 - b. It has no reason to believe that any party has a valid Claim against the Contractor or Metro which has not been communicated in writing by the Contractor to Metro as of the date of the Certificate;
 - c. All warranties are in full force and effect; and
 - d. The releases and warranties shall survive final payment.
6. If any Claims remain open, Metro may make final Payment subject to resolution of those Claims. Metro may withhold from the Final Payment an amount not to exceed one hundred fifty percent (150%) of the amount of the open Claims.

B. Discovery of Deficiencies *

Notwithstanding Metro's acceptance of the Application for Final Payment and irrespective of whether it is before or after Final Payment has been made, Metro shall not be precluded from subsequently showing that:

1. The true and correct amount payable for the Work is different from that previously accepted;
2. The previously accepted Work did not conform to the Contract requirements; or
3. A previous payment, or portion thereof, for Work was improperly made.

Metro shall not be estopped from demanding and recovering damages from the Contractor, as appropriate, under any of the foregoing circumstances as permitted under the Contract or applicable Law.

CP-07 AUDIT REQUIREMENTS *

A. Applicability

This Section applies to the Contractor, its Subcontractors and Suppliers. The Contractor, its Subcontractors and Suppliers shall be subject to audit at any reasonable time by the Authorized Auditors for;

1. Any Costs proposed for a Modification, or
2. Defective Cost or pricing on the Contract including any Modification.

B. Defined Terms

Audit: audit, examine, verify, review, excerpt, vouch or transcribe Contractor's, Subcontractors' or Suppliers' Records.

Authorized Auditors: Metro employees, any firms appointed by Metro or other authorized agencies acting as agents of a Governmental Entity. For federally funded Contracts, Authorized Auditors shall also include the FTA Administrator, the Comptroller General of the United States, or any of their duly authorized representatives.

Costs: Amounts (both direct and indirect) claimed to be due and payable, or anticipated to be incurred in performing the proposed Modification.

Records: All of the Contractor's, Subcontractors' or Suppliers' Cost or pricing data supporting the Modification or Element thereof, including but not limited to books, data, Records, documents, reports, computations and projections, accounting procedures and practices and other evidence, in all forms (e.g. paper or machine readable media such as disk, tape, etc.) or types (e.g., databases, applications software, database management software, utilities, etc.), sufficient to properly reflect the performance of the Work and all Costs claimed to have been incurred or anticipated to be incurred in performing the Work on a proposed Modification. Any information provided by the Contractor, Subcontractor or Supplier on machine-readable media shall be provided in a format accessible and readable by the Authorized Auditors. The detail and depth of Records required as backup support for Audits shall be that which adequately establishes and maintains visibility of both allowable, and identified unallowable costs including directly associated costs.

Reproduce: copy, download, transcribe, print etc. by any means whatsoever free of charge.

C. Access

1. Records

Upon reasonable written advance notice to the Contractor, Subcontractors or Suppliers, with a copy sent to the Contractor's Authorized Representative, the Authorized Auditors shall have access during Contractor's normal business hours to all Records related to Costs or performance of the proposed Modification for the purpose of Auditing.

2. Worksites

For any federally funded major capital project, the Authorized Auditors shall include the FTA Administrator or his authorized representatives including any PMO Contractor. Access shall include the Worksite.

D. Records Retention

The Contractor, Subcontractors and Suppliers shall maintain all Records required under this Contract for a period of not less than three years after the date of Termination, in whole or in part or Final Payment, whichever is later. In the event of litigation or settlement of claims arising from the performance of this Contract, the Contractor, Subcontractor and Suppliers shall maintain all Records related to this Contract until Metro or any Governmental Agency or their duly authorized representatives have disposed of all such litigation, appeals, claims or exceptions related thereto.

E. Reproduction of Records

The Authorized Auditors shall have the right to Reproduce any Contractor, Subcontractor or Supplier Records related to Costs proposed for a Modification. The Contractor, Subcontractor or Supplier shall make said evidence (or to the extent accepted by the Authorized Auditors, photographs, micro-photographs or other authentic reproductions thereof) available to the Authorized Auditors at the Contractor's offices at all reasonable times and without charge.

F. Modifications

The Contractor, Subcontractors or Suppliers shall maintain and segregate Cost and pricing data and Records sufficient to properly reflect all direct and indirect Costs of whatever nature claimed to have been incurred or anticipated to be incurred in connection with a Modification to the Contract.

G. Defective Cost and Pricing Data

FAR 52-215-10 Price Reduction for Defective Cost or Pricing Data and 52.215-11 Price Reduction for Defective Cost or Pricing Data-Modifications shall apply to this Contract. The term Government referred to in the FAR clauses shall include Metro for purposes of this Contract.

H. Disposition of Audit Findings

The Contracting Officer may use all evidence in the Records including the Audit findings to:

1. Negotiate Modifications, or
2. Demand payment from the Contractor or adjust any Contractor's invoice to:
 - a. Reduce amounts found by the Contracting Officer to be unallowable costs; or
 - b. Adjust for prior overpayments or underpayments.

Contract No.
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

EXHIBIT 1 - PAYMENT CERTIFICATION

1. I hereby certify to the best of my knowledge and belief that:
 - A. This Payment Request represents a true and correct statement of the Work performed;
 - B. The Work completed to date under this Contract is in full accordance with the terms of the Contract; and
 - C. All Subcontractors and/or Suppliers who have performed Work on the project through the closing date of the prior Payment Request have been paid their proportionate share of all previous payments from Metro.

2. I understand that it is a violation of both the federal and California False Claims Acts to knowingly present or cause to be presented to Metro a false claim for payment or approval. A claim includes a demand or request for money. It is also a violation of the False Claims Acts to knowingly make use of a false Record or statement to get a false claim paid. The term "knowingly" includes either actual knowledge of the information, deliberate ignorance of the truth or falsity of the information, or reckless disregard for the truth or falsity of the information. Proof of specific intent to defraud is not necessary under the False Claims Acts. I understand that the penalties under the Federal False Claims Act and State of California False Claims Act are non-exclusive, and are in addition to any other criminal and/or civil remedies which Metro may have either under contract or law.

I certify under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct

Firm: _____

Signature: _____

Name of Certifying Official: _____

Title: _____

Date of Execution: _____

END OF COMPENSATION & PAYMENT PROVISIONS

EXHIBIT B - STATEMENT OF WORK

PHOTO ENFORCEMENT PROGRAM

1.0 INTRODUCTION

Metro is a leader in the utilization of Intelligent Transportation Systems technologies aimed at mitigating train/vehicle and bus/vehicle accidents. Through support from Federal, State, and local programs, Metro has been able to develop and implement a successful safety improvement program. The safety program is made up of four elements: engineering, education, enforcement, and legislation. One of the prominent enforcement elements is the utilization of photo enforcement cameras at both rail grade crossings and Busway intersections. Citations are currently issued on the Metro Blue, Gold, Orange and Expo Lines. On these projects, the photo enforcement program has resulted in a significant reduction in the number of violations.

There are currently 114 crossings (in operating and planning stages), and approximately 70% are rail crossings (please refer to Appendix A for a list of all locations).

With the exception of 10 cameras, Metro does not own any of the other equipment utilized for the photo enforcement program currently in place. Metro does not intend to purchase any equipment for the new photo enforcement program under this contract

2.0 SCOPE OF WORK

- A. Contractor shall be required to provide services in connection with the continuation of Metro's existing and future photo enforcement program on the Gold, Orange, Blue, Exposition phase 1, Crenshaw (future), Exposition phase 2 (future) and other future lines that shall begin service within the period of this contract. The purpose of the photo enforcement program is to curtail unsafe driving behavior at current and future Light Rail Transit (LRT) intersections and dedicated bus way intersections.
- B. Contractor shall utilize a Photo Enforcement System to capture the front license plate and face of motorists who violate traffic signals at Metro rail grade crossings and dedicated Busway intersections at locations identified in Appendix A.

OPTION - As an option, Metro may choose, within the base years of this contract, to install a video camera at selected locations to capture the rear view of the license plate and the traffic signal being violated.

- C. The Contractor shall be responsible for design, furnishing all equipment, construction, and operations and maintenance as detailed below. The Contractor shall also be responsible for providing these same services that are fully compatible with additional enforcement to be implemented on future rail or bus lines. Metro's current contracts expire on June 30, 2013, and this contract will be effective July 1, 2013. If however, a new Contractor (other than the incumbent) is awarded this contract, the current contracts will be extended for an additional 12 months to June 30, 2014 to allow the new Contractor a transition period. During this transition

period, there shall be mutual cooperation between contractors to ensure a seamless transition.

- D. The Contractor shall be responsible for activating the Photo Enforcement System at all locations identified in Appendix A and having in place all necessary approvals to issue and process the citations without any interruption to Metro's existing enforcement operations. It is imperative that there be a seamless transition to this new system without lapse in enforcement at the existing locations.
- E. Currently, Metro has 104 approaches that have active Photo Enforcement Systems, the majority of which are based on 35mm wet-film technology, Ten (10) more approaches are scheduled to be installed on the Crenshaw Rail Line within the Base Period of the Contract. Few of the intersections on the Orange Line utilize Digital Cameras to capture illegal right-turn violations. For a detailed listing of all enforced locations and types of technologies used, please refer to Appendix A).

3.0 CONTRACTOR RESPONSIBILITIES

Contractor shall be responsible for performing the elements described below

A. SYSTEM DESIGN:

The Design shall comply with the System Functional Requirements. Contractor shall perform location surveys, provide design submittals, and acquire permits for photo enforcement equipment installations. Contractor shall provide engineering design services for the installation of photo enforcement cameras and related equipment. The design of the System shall conform to the following:

1. System Functional Requirements

a. The Photo Enforcement System shall:

- a.1 Be able to receive a direct feed from the automated train warning system for gated crossings or signal traffic controller and capture violations of enforced phases.
- a.2 Utilize detectors that accurately capture vehicle presence and profile to measure vehicle speed at time of violation.
- a.3 Employ camera equipment, including auxiliary flash equipment, if necessary, to clearly show the image of the motorist and license plate at all hours of the day.
- a.4 Meet all requirements described in the (California Vehicle Code (CVC) relating to photo enforcement systems.
- a.5 Capture all left turn, right turn, perpendicular, and railroad crossing gate violations, corresponding to the enforced location including detecting "stop-and-go" violations at designated locations.

b. The Photo Enforcement System shall meet the following requirements:

1.0 General Characteristics:

- 1.1 All existing wet film camera systems shall be replaced with "brand new" equipment utilizing the vendor's most current equipment and design.
- 1.2 Designed to operate 24 hours/day, 7 days/week
- 1.3 Compliant with jurisdictional engineering standards
- 1.4 Engineered to provide a simple, easy installation process
- 1.5 Designed for maximum adaptability and flexibility
- 1.6 Interchangeable and easily replaceable components

2.0 Security

- 2.1 Designed to withstand vandalism.

3.0 Interface

- 3.1 Designed to operate on 120 V AC power.
- 3.2 Designed to operate with a single interface connection with the traffic intersection controller and the rail gated crossings.

4.0 Detection System

- 4.1 Designed to conform with local City/County requirements.
- 4.2 Designed to capture vehicle presence and speed at time of violation.

5.0 Flash Equipment

- 5.1 Designed to clearly show the face of motorists and license plates at all times of the day.

6.0 Signage

- 6.1 Designed to meet CVC and California State requirements
- 6.2 One warning sign shall be posted for each approach approximately 500' prior to each intersection.

7.0 Cameras

- 7.1 Highest available resolution and clarity camera, professional grade, high speed glass lenses, with minimum 18 mega pixels.
- 7.2 Designed to maximize image quality capable of capturing multiple simultaneous violations.
- 7.3 Designed with easily interchangeable components and hardware.
- 7.4 Designed to remotely send error messages and warning alerts in case of system failure.

2. Location Surveys

- 2.a Contractor shall inspect each location and communicate with the responsible local jurisdictions (Cities, County, Caltrans, etc.), Metro, and the Los Angeles County Sheriff's Department, to review the existing location of the photo enforcement equipment and to determine what modifications, if any, are needed to comply with the requirements of this contract.

3. System Submittals

- 3.a Based on the location surveys, Contractor shall submit Interim (65 percent), draft final (95 percent), and final submittals of the engineering design plans for the installation of the photo enforcement cameras and related equipment. The design plans for each intersection shall show the location of all equipment, (camera pole, flash, detection system, conduits, pull boxes, stub ups, junction boxes, etc), interface diagrams with traffic signal controller or railroad gate interface, electrical power requirements, signage locations, etc. For purposes of pricing, Contractor shall assume responsibility for providing all required infrastructure (conduits, wiring, poles, etc.), or obtain approval from local jurisdictions to use existing conduits/infrastructure. Design review meetings shall be held to review the comments received and their proposed disposition before further design and drafting work is started. The Contractor shall record all comments provided on submittals, and provide a summary report indicating the disposition of each comment.
- 3.b Once the design has been approved by both Metro and the local jurisdictions, design mylars shall be prepared for each intersection. The mylars shall include sign-off blocks for the responsible local jurisdictions, the Contractor and Metro. The Contractor shall coordinate with each of the participating agencies to obtain signatures in the sign-off blocks.
- 3.c Electronic design plans shall be prepared in accordance with each jurisdiction requirements. All plans, drawings, and design calculations shall be signed and stamped by a registered California Civil Engineer and Traffic Engineer.

4. Permits

- 4.a Contractor shall be responsible for obtaining all necessary permits.

5. Schedule

- 5.a Contractor shall submit a schedule showing the various phases (design, construction, start of operation, and the associated time lines for each phase for each location.

B. SYSTEM CONSTRUCTION:

Contractor shall install photo enforcement equipment as specified in the approved design drawings, capture as-built changes, and complete site acceptance tests as detailed below.

Site Safety Plan: Contractor shall prepare and submit to Metro for review and approval Site Safety Plan to ensure the safety of its workers and the public.

1. Installation

The work to be completed by Contractor consists of the following included under schedule submittal:

- 1.1 Contractor shall furnish all labor, material, equipment, and incidentals necessary to complete the work involved in construction and installation of the photo enforcement equipment included.
- 1.2 Any deviations from the approved design plan shall be approved in writing by Metro prior to performing work deviation.
- 1.3 If a location is not constructible, Contractor shall reimburse Metro for the costs of that particular location.
- 1.4 Tag all wiring and provide Metro with location specific schematic and photograph identifying wiring scheme for photo enforcement wiring.
- 1.5 Contractor shall repair all infrastructures to prior condition, including decorative paving, crosswalks and sidewalks.
- 1.6 Contractor shall take photos of job site prior to and after starting work to demonstrate satisfaction of requirements and include in site acceptance test.
- 1.7 Attend weekly work progress meetings with Metro; meetings to be attended by Contractor's project manager and construction supervisor.
- 1.8 All work performed shall be in accordance with the applicable sections of the National Electrical Code, local ordinances and regulations. All workmanship shall be first class, and finished work shall be neat and uncluttered in appearance. The Contractor shall schedule work with minimal interference with train traffic and the operation of the existing traffic signal system.
- 1.9 Contractor's staff shall attend Metro's 4-hour safety training class and comply with Metro's Track Allocation procedures, prior to any construction work.

2. As-Built Drawings

Contractor shall gather all Metro and other responsible public transportation agencies -approved plan deviations and update the design drawings to reflect the as-built condition of each location. Contractor shall submit the revised signed and stamped as-built drawings in conformance with Metro's standards.

3. Site Acceptance Tests

Site Acceptance Testing (SAT) shall be conducted at each location prior to active enforcement. These procedures are designed to confirm that the installation of the camera system is in accordance with the manufacturer specifications and is operating within the specifications. The SAT procedures shall verify proper communications at all levels including the inter-camera communications, LAN and WAN communications as applicable. The SAT procedures shall verify that the system is able to do the following, in accordance with program requirements:

3.1 Monitor the required lanes and vehicle movements;

3.2 Capture two (2) color images per camera per violating vehicle:

- a. Image 1 showing the vehicle prior to entering the intersection
- b. Image 2 showing the vehicle in the intersection
- c. Include in each image a data bar that depicts the following violation data:
 - i. Date and time of the violation
 - ii. Location
 - iii. Unique event number
 - iv. Length of time between Image 1 and Image 2 of a violating vehicle
 - v. Duration of red and amber light phase
 - vi. Speed of violating vehicle

4. Burn-In and Final System Acceptance

- a. Contractor will be allowed a 60-day period after the Site Acceptance Test and close-out of punch list to initiate system operation.
- b. Contractor will be allowed continuous operation and monitoring for proper operation during the 60-day period.
- c. If failure occurs within the 60-day period, Contractor shall make the necessary repairs at no cost to Metro.

5. Final System Acceptance

- a. Metro will accept the system after verification that the entire system is functioning according to contract specifications;
- b. All components shall be fully operational and all deliverables have been provided.

6. Record Keeping Procedures

The Contractor shall be required to meet the following record keeping requirements:

- a. Test procedure should clearly define test success/ failure criteria.
- b. Contractor shall provide complete acceptance test data sheet to Metro at the conclusion of each test.
- c. Each test procedure should contain PASS/FAIL notation associated with the verification of each test.

7. Test Failure Report

7.1 When a test failure occurs, Contractor shall complete a test failure report and provide it to Metro.

7.2 Examples of test failures:

- a. Class failure – repeated malfunction of similar system components or subsystems.
- b. Major failure – any major failure of a system component during the system acceptance testing period which is cause to stop the acceptance test procedure until repairs are made.

Upon successful completion of the SAT procedures, testing the approach shall be activated to begin enforcement.

C. OPERATIONS AND MAINTENANCE:

The O&M activities include all of the following:

Contractor shall operate and maintain photo enforcement equipment at each location, including camera/flash units, camera/flash unit housings and poles, vehicle detection subsystems, signs and sign poles, and related cabling and conduit. Maintenance includes routine preventative and corrective maintenance of all photo enforcement system equipment such as routine camera service, calibration, cleaning, graffiti abatement and repair ensuring system uptime and contract compliance.

1. Camera Services

Contractor shall conduct an on-site physical inspection of the photo enforcement equipment at each location at least 5 times a week (once per day).

For each service the Contractor shall:

- a. Perform routine cleaning and light maintenance tasks.
- b. Maintain all equipment related to the camera system in good working order and condition. Contractor shall be responsible for the following, including, but not limited to:

- b.1 Respond within four (4) hours, after being notified by Metro, to any location where a camera pole has been hit or knocked down or where

- there has been any damage involving photo enforcement street equipment that may be affecting street or pedestrian traffic or train operations. As needed at the location, remove any damaged street equipment including the damaged or downed pole, camera cabinet, and camera unit, if any; disconnect all wires at the camera pole terminal block and pull the wires, including power supply wires, into the closest photo enforcement system pullbox; verify that all power supply wires have been disconnected and there are no exposed "hot" wires; and clearly mark and/or protect the camera pole foundation bolts.
- b.2 Provide a report for each site by a Third-party vendor certifying the calibration of the Vehicle Detection System.
 - c. Abate graffiti/vandalism
 - c.1 Inspect the camera housings, camera poles, and advance warning signs for graffiti, scratches, and damage during each service visit. Remove all graffiti and touch-up paint any scratches or damaged areas on all camera housings, camera poles, and advance warning signs within 72 hours.
 - c.2 If graffiti cannot be removed, replace the warning signs within 72 hours at Contractor's expense.
 - c.3 Repair or replace sign poles that have been damaged within 72 hours at Contractor's expense.
 - d. Take test shots every day for every camera.
 - e. Document each service on a Metro and Los Angeles Sheriffs Department approved log.
 - e.1 This log must be available to Metro in electronic format two days after the service for review and audit by Metro/LASD staff.
 - f. The Contractor shall include a summary of the daily servicing and field maintenance information in the monthly reports.
 - g. Contractor shall provide a Service and Field Maintenance Procedures Manual, which provides a description of the weekly service and field maintenance tasks, including, but not limited to, example of all logs or journals used to record service and maintenance tasks. The Manual shall be updated as necessary to incorporate current service and field maintenance procedures and record keeping.
 - h. Contractor shall adjust the systems as needed to optimize the quality of the photographs taken at each location and to maximize the percentage of recorded violations for which citations are issued.
 - i. Contractor shall replace any camera unit removed from service for preventative maintenance, corrective maintenance, or repair with a Contractor-supplied camera unit.

2. Citation Processing Services:

Contractor shall process violation event information in compliance with governing law and auditable chain of custody procedures, including event processing, registered owner acquisition, quality control, mailing citations, customer service, database management & system hosting, application development, and evidence management. All photo enforcement software applications shall be made available for use by LASD and Metro staff at no cost. Contractor shall furnish all necessary hardware needed to process citations to LASD staff at no cost.

a. Chain of Custody Procedures

Contractor shall provide a chain of custody document to Metro within 30 days of contract signing. The document must provide step-by-step procedures and policies for processing violations. Metro and Los Angeles Sheriff's Department shall review and ensure that all evidence is tamperproof and unalterable. This document is intended to capture both field and citation processing services. If the Contractor cannot comply with this requirement, Metro may require the Contractor to revise its process prior to going into enforcement mode.

3. Event Processing

- a. Contractor shall process events in a local facility (within Los Angeles County) that will be available for audit by Metro staff and the Los Angeles Sheriff's Department.
- b. Contractor's event processing system must be fully accessible to Metro and the Los Angeles Sheriff's Department for audit purposes.
- c. Events must be reviewable within 4 hours of occurring,
- d. Contractor shall be responsible for the following activities, which include, but are not limited to:
 - d.1 Viewing initial events and sending citations to Metro's agent for final review via secure MTA and law enforcement approved database, to ensure citations are ultimately mailed within the time frame required by California Vehicle Code.
 - d.2 Complete full DMV queries for each violation processed to reduce workload of law enforcement agency (and save costs).
 - d.3 Process all mailed citations through the USPS with an official USPS certificate of mailing receipt to comply with the California Vehicle Code (verifying that citation was mailed within the legally required time frame).

4. Registered Owner Acquisition

- a. Contractor shall acquire registered owner information for California and Out of State vehicles. Contractor shall identify means to obtain Registered Owner information for out-of-state vehicles.
- b. Contractor shall compare registered owner information to driver license information to maximize accuracy of the registered owner query. If there is a discrepancy between the records, Contractor must use the registered owner information as long as the Contractor applies business rules established by Metro and Los Angeles Sheriff's Department to ensure accurate mailing.

5. Quality Control

- a. Contractor shall have a quality control procedure whereby an additional analyst double checks the violation to ensure that it meets Metro and Los Angeles County Sheriff's Department issuance guidelines prior to sending the citation to the Los Angeles Sheriff's Department for final review.
- b. Contractor shall provide the Los Angeles Sheriff's Department the citation within 13 days from the violation date.

6. Mailing Citations

- a. Contractor shall use a United States Post Office issued certificate of mailing as evidence of service.
- b. Contractor shall mail the notice to appear for each type of vehicle ownership as follows - individual, commercial, and juvenile.
- c. Contractor shall only mail notices to appear that were approved by the Court having jurisdiction, the Los Angeles Sheriff's Department, and the State of California Judicial Council.

7. Customer Service

- a. Call Center - Contractor shall be responsible for the following activities, including, but not limited to:
 - a.1 Providing an 800 number for citizens to contact an agent or Interactive Voice Recognition (IVR) based help system to get answers about the program, make photo viewing appointments with law enforcement officers to review their citation, and receive information about handling their citation. Hours of operation are required between 8am and 5pm Monday through Friday, except major holidays.
 - a.2 Providing an online (web) portal where citizens can review their citation and related documentation on their own via a secure browser based interface, 24/7.
 - a.3 Contractor shall provide an automated system for use after hours.

a.4 Contractor shall answer questions in English and Spanish.

a.5 Contractor shall schedule appointments with the Los Angeles Sheriff's Department for persons receiving a citation to view photographs.

b. Contractor shall inform Metro of any commendations, complaints, or comments received from the general public concerning the use of photo enforcement equipment.

8. Disaster Recovery

a. Contractor shall provide a fully redundant data center to manage Metro's photo enforcement database.

b. The redundant site shall be at least 100 miles from the main Data center.

c. The system shall be available 99.99% of the time as measured monthly.

d. Contractor shall submit a Disaster Recovery Plan to Metro annually including testing the plan.

9. Application Development

a. As the Contractor develops new application functionality or a new application, Metro shall be provided such upgrades during the contract terms at no additional costs.

10. Evidence Management

a. Contractor shall maintain all evidence for the photo enforcement program unless requested to do otherwise by Metro.

b. Contractor shall maintain all currently archived and future evidence records as per requirements of the CVC related to disposition of citations. Current archived records date back to 1995 and Contractor shall be responsible for their management accordingly.

c. Contractor shall transmit citations daily to Los Angeles Superior Court or any other Court where the issued citations are processed.

d. Contractor shall prepare evidence for each contested case according to Metro and Los Angeles Sheriff's Department guidelines.

e. Contractor shall provide evidence within three (3) business days.

f. Contractor shall store evidence in lockable and fireproof cabinets. Contractor shall use controlled access for facilities where citation processing equipment and records are located and controlled access for computer systems where violations and citations data is processed.

- g. Contractor shall provide monthly compliance certifications with the legally required confidential information provision within the California Vehicle Code.

11. Program Administration:

Contractor shall be responsible for performing Administrative and Management tasks, including but not limited to:

a. Court representation

Contractor shall provide a subject matter expert to represent the program within three (3) business days whenever requested by Metro or LASD.

b. Training of Metro and LASD staff

Contractor shall provide training by an instructor whenever requested by Metro or the Los Angeles Sheriff's Department. The training must result in certification of the trainees, otherwise the Contractor must train again until the training is certifiable.

c. Documentation control program

d. Reports generation (monthly violation and citation statistical data for each enforced Line including an Executive Summary).

Contractor shall be responsible for generating reports, including but not limited to:

d.1 Monthly reporting, see Appendix C for sample

d.2 Total number of events/violations/citations

d.3 Per location

d.4 Per line

d.5 Program wide

a) Issuance Rates (Average daily, monthly, annual)

b) Percentage of Citations to Violations

c) Breakdown of Controllable vs. Non-Controllables

d) Vehicle counts

e) Court generated financial reports

f) Call center metrics

- g) Field service data
- h) Other pertinent program performance metrics
- i) The monthly report shall be provided on the 20th day following the reporting month
- j) Providing ad-hoc reports at the request of the Metro or the Los Angeles Sheriff's Department

e. Regular client meetings

- e.1 Upon request from Metro or the Los Angeles Sheriff's Department, the Contractor shall meet with Metro and Los Angeles Sheriff's Department during the term of the contract. Meetings shall be in person on a monthly basis and on an as-needed basis with 24 hours notice.
 - e.2 Contractor shall provide agenda and minutes for each meeting to Metro and Los Angeles Sheriff's Department within three (3) business days of the meeting.
- f. Responding to inquiries regarding the photo enforcement system from Metro and LASD staff.

12. Citation to Violation Controllable Issue Rate:

The minimum citation issue rate for Controllable violations shall be no less than 70%. Examples of Non-controllable violations include vehicles without license plates, adverse weather conditions that affect image quality, and images where the motorist's face is obscured or obstructed. Equipment malfunctions shall not be considered a non-controllable event.

**APPENDIX A- DETAILED LOCATION LIST
CONTRACT No. PS68103079**

Current and Proposed Photo Enforcement Program - Location List

322	WB 20th St @ Long Beach	SC	821	EB Century Blvd @ Grande	SC	2003	EB to NB Washington @ Los Angeles	SC/LT
			822	WB Century Blvd @ Grande	SC	2008	WB to SB Washington @ Los Angeles	SC/LT
			841	EB 103rd St @ Grande Ave	SC	2017	EB to NB Washington @ San Pedro	SC/LT
			981	EB 119th St @ Willowbrook	SC	2018	WB to SB Washington @ San Pedro	SC/LT
421	EB Vernon @ Long Beach	SC	982	WB 119th St @ Willowbrook	SC	2027	EB to NB Washington @ Broadway	SC/LT
			1051	EB 130th St @ Willowbrook	SC	2036	SB to EB Flower @ 18th St	SC/LT
			1052	WB 130th St @ Willowbrook	SC	2046	SB to EB Flower @ 10 Fwy onramp	SC/LT
			1081	EB Stockwell @ Willowbrook	SC	2054	WB Venice @ Flower	SC/LT
			1082	WB Stockwell @ Willowbrook	SC	2056	SB to EB Flower @ Venice	SC/LT

MTA - Gold Line
 CONTRACT No. PS68103079

4007	EB to NB 3rd St @ Civic Center	SC/LT	4049	WB to SB 3rd St @ Ford	SC/LT	4087	EB to NB 1st St @ Lorena	SC/LT
4009	WB to SB 3rd St @ La Verne	SC/LT	4057	EB to NB 3rd St @ Eastern	SC/LT	4089	WB to SB 1st St @ Lorena	SC/LT
4017	EB to NB 3rd St @ Mednik	SC/LT	4059	WB to SB 3rd St @ Eastern	SC/LT	4097	EB to NB 1st St @ Clarence	SC/LT
4019	WB to SB 3rd St @ Mednik	SC/LT	4069	WB to SB 3rd St @ Downey	SC/LT	4099	WB to SB 1st St @ Clarence	SC/LT
4027	EB to NB 3rd St @ Arizona	SC/LT	4073	EB to NB 3rd St @ 60 Fwy	SC/LT	4109	WB to SB 1st St @ Utah	SC/LT
4029	WB to SB 3rd St @ Arizona	SC/LT	4077	EB to NB 3rd St @ Gage	SC/LT	4119	WB to SB 1st St @ Anderson	SC/LT
4037	EB to NB 3rd St @ McDonnell	SC/LT	4079	WB to SB 3rd St @ Gage	SC/LT	4127	EB to NB 1st St @ Mission	SC/LT
4039	WB to SB 3rd St @ McDonnell	SC/LT	4083	EB to NB 3rd @ Rowan	SC/LT	4129	WB to SB 1st St @ Mission	SC/LT
4047	EB to NB 3rd St @ Ford	SC/LT	4085	WB to SB 3rd @ Rowan	SC/LT	4137	SB to EB Temple & Alameda *	DC/LT

MTA- Expo Line
 CONTRACT NO. PS68103079

SB to WB Flower @ LA Trade	SC/RT	WB to SB Exposition @ Menlo	SC/LT	WB to SB Exposition @ Denker	SC/LT
SB to EB Flower @ 23rd	SC/LT	EB to NB Exposition @ Vermont	SC/LT	EB to NB Exposition @ Western	SC/LT
SB to EB Flower @ Adams *	DC/LT	WB to SB Exposition @ Vermont	SC/LT	WB to SB Exposition @ Western	SC/LT
SB to EB Flower @ 28th St	SC/LT	EB to NB Exposition @ Raymond *	DC/LT	EB to SB Exposition @ Crenshaw *	DC/LT
SB to EB Flower @ 30th St	SC/LT	EB to NB Exposition @ Normandie	SC/LT	WB to EB Flower @ Washington	SC/LT
SB to EB Flower @ Jefferson	SC/LT	WB to SB Exposition @ Normandie	SC/LT		
EB to NB Exposition @ Watt	SC/LT	EB to NB Exposition @ Halldale	SC/LT		

MHA - Orange Line
 CONTRACT NO. PS68103079

1301	NB Tujungang Ave @ Busway	SC	1362	SB Balboa Blvd @ Busway	SC	WB Sherman Way @ Canoga	DC/DV
1302	SB Tujungang Ave @ Busway	SC	1371	NB White Oak Ave @ Busway	SC	NB to EB Canoga @ Sherman Way	DC/RT
1313	EB Oxnard St @ Buffalo Ave	SC	1372	SB White Oak Ave @ Busway	SC	WB Valerio St @ Canoga Ave	DC/DV
1314	WB Oxnard St @ Buffalo Ave	SC	1382	SB Lindley Ave @ Busway	SC	NB to EB Canoga @ Valerio St	DC/RT
1321	NB Woodman Ave @ Busway	SC	1385	WB to NB Lindley Ave @ Oxnard St	SC/RT	WB Saticoy St @ Canoga Ave	DC/DV
1322	SB Woodman Ave @ Busway	SC	1391	NB Reseda Blvd @ Busway	SC	NB to EB Canoga Ave @ Saticoy St	DC/RT
1331	NB Kester Ave @ Busway	SC	1392	SB Reseda Blvd @ Busway	SC	WB Roscoe Blvd @ Canoga St	DC/DV
1332	SB Kester Ave @ Busway	DC	1402	SB Mason Ave @ Busway	DC	NB to EB Canoga Ave @ Roscoe	DC/RT
1341	NB Sepulveda Blvd @ Busway	SC	1405	WB to NB Mason Ave @ Victory	SC/RT	WB Parthenia St @ Canoga Ave	DC/DV
1342	SB Sepulveda Blvd @ Busway	SC	1412	SB De Soto Ave @ Busway	DC	NB to EB Canoga Ave @ Parthenia St	DC/RT
1351	NB Woodley @ Busway	SC	1415	WB to NB De Soto Ave @ Victory	SC/RT	WB Nordhoff St @ Canoga Ave	DC/DV
1352	SB Woodley @ Busway	SC		WB Vanowen St @ Canoga Ave.	DC/DV	NB to EB Canoga Ave @ Nordhoff St	DC/RT
1361	NB Balboa Blvd @ Busway	SC		NB to EB Canoga Ave @ Vanowen *	DC/RT		

MTA - Crenshaw Line
CONTRACT No. PS68103079

Crenshaw-48th St
East
Crenshaw 50th
East
Crenshaw 50th
East
Crenshaw 52nd St
East
Crenshaw 52nd St
West
Crenshaw 54th
West
Crenshaw 57th
East
Crenshaw 57th St
West
Crenshaw Slauson
East
Crenshaw Slauson
West

Appendix B - Sample Monthly Report

Provided Under Separate Cover.

Appendix C - Sample Monthly Executive Summary Report

Provided Under Separate Cover

DIVERSITY & ECONOMIC OPPORTUNITY DEPARTMENT

SBE CONTRACT COMPLIANCE MANUAL (NON- FEDERAL)

SECTION 100 SMALL BUSINESS ENTERPRISE PROGRAM

100 METRO POLICY STATEMENT: The Los Angeles County Metropolitan Transportation Authority (Metro) is the recipient of non-federal funds from state and local funding sources. It is Metro's policy to provide maximum opportunity for Small Business Enterprises(s) to compete and to foster increased SBE participation in its procurement and contracting program. Metro shall take all necessary and reasonable steps to ensure nondiscrimination in the award and administration of with non-federal funds.

- A. To take all reasonable steps to ensure nondiscrimination in the award and administration of non-federally funded contracts.
- B. To create a level playing field on which SBEs can compete fairly for Metro contracts.
- C. To ensure that only firms that fully meet the eligibility requirements of the Metro SBE Program are permitted to participate as SBEs.
- D. To help remove barriers to the participation of SBEs in Metro contracts.
- E. To assist the development of firms that can compete successfully in the marketplace outside the SBE program

101 INTERPRETATION: Any conflict, error, omission or ambiguity which may arise between these instructions, California law and Metro's SBE Program shall be resolved first in favor of California Law and second in favor of Metro's SBE program. Failure of a bidder or its subcontractors, consultants, suppliers or other entities to carry out these requirements may be grounds for Metro to implement administrative penalties or other remedies imposed by Metro.

102 NON DISCRIMINATION: Metro's policy ensures that SBE firms have an equal opportunity to receive and participate on projects that are state and/or locally funded. It is also Metro policy to ensure that there is no discrimination in the award and participation on the basis of race, color, national origin, or sex, in contract competition, award and performance

103 SUSPENSION OR DEBARMENT: Suspension or debarment proceedings may be initiated against any firm when:

- A. Attempts to participate in the Metro SBE Program as a SBE if the firm does not meet the eligibility criteria stated in the Certification Standards for SBE programs and if it attempts to participate on the basis of false, fraudulent or deceitful statements or representations or under circumstances indicating a serious lack of business integrity or honesty.
- B. In order to meet the SBE subcontracting goals or other SBE program requirements uses or attempts to use on the basis of false, fraudulent or deceitful statements or representations, another firm that does not meet the SBE eligibility criteria stated in the certification standards.

In either case, Metro shall take action through the Diversity & Economic Opportunity Department and/or Metro's Office of Inspector General further action and may refer the matter for prosecution under appropriate criminal statutes.

- 104** **AUDIT AND INSPECTION:** The Contractor shall maintain records of all subcontracts entered into with SBE firms and records of materials purchases from SBE suppliers. Such records shall show the name and business address of each SBE subcontractor or supplier and the total dollar amount actually paid to each SBE subcontractor or supplier. Metro reserves the right to audit the records and inspect the facilities of its contractors and any subcontractors of any tier for the purpose of verifying the SBE participation and/or adherence to the SBE program requirements. Contractor records shall be maintained for five years from contract completion and be made available upon request for Metro contracting studies. Contractors and subcontractors shall permit access to their records at the request of Metro. Notice is hereby given that state, local, and federal authorities may initiate or cooperate with Metro in auditing and inspecting such records.

SECTION 200 SBE PARTICIPATION

- 200** **METRO OVERALL SBE GOAL:** Metro has set an overall goal for SBE participation. The overall SBE goal applies to non-federally funded contracts Metro expects to expend for the fiscal year. Metro will strive to meet its overall goal through race neutral measures. Metro supports the use of race neutral measures to facilitate participation of SBEs and other small businesses, and encourages prime contractors to subcontract portions of their work that they might otherwise perform with their own forces. To ascertain whether the overall SBE goal is being achieved, Metro will track the dollar amount paid to all certified SBE firms performing work called for in this contract that is eligible to be credited toward Metro's overall goal.
- 201** **SBE COMMITMENT(S):** After contract award, SBE commitment percentages listed in the bid/proposal will be monitored and enforced from contract inception through contract completion. Failure to meet the SBE commitment may result in penalties and/or administrative sanctions. SBE administrative requirements are referenced in this Contract Compliance Manual (Non-Federal), and incorporated as part of the conformed contract.
- 202** **CHANGES IN WORK LISTED TO SBE FIRMS:** If Metro or the Contractor proposes changes for work contracted to an SBE, the Contractor is required to notify the SBE firm in writing within 10 working days prior to execution of the proposed change, reduction, or deletion of any work listed at time of contract award or after contract award.

The dollar amount of changes as a result of contract modifications, change orders, or provisions sums, that increase or decrease the work commitment to a SBE firm(s) will be commensurately added to or subcontracted from the total contract amount used to compute actual dollars paid to SBEs. Failure to comply with Section 205 ("Crediting and Counting SBE Participation") will be cause for non-compliance and assessment of administrative sanctions.

203 **COMMERCIAL USEFUL FUNCTION (CUF):** To receive SBE participation credit towards the SBE contract commitments, SBE firms must perform a commercially useful function (CUF). An SBE must perform at least 30% of its listed work with its own workforce or must not subcontract a greater portion of the work than would be expected on the basis of normal industry practices for that type of work. An SBE performs a CUF when the SBE is responsible for a clearly defined and distinct scope of work. SBE firms must be responsible for the execution of the work, is carrying out its responsibilities by actually performing, managing, and supervising the work involved

On-site visit reviews will be used to ascertain whether the SBE is actively performing, managing, and supervising the work. SBE firms shall employ a labor force which is separate and apart from individuals employed by the prime, and independently recruited by the SBE in accordance with standard industry practice.

204 **VIOLATION OF COMMERCIAL USEFUL FUNCTION :** If an investigation reveals that there is a violation of the CUF provisions, that portion of the work found to be in violation will not be counted toward achievement of the SBE contract commitment, nor Metro's overall SBE goal. When a SBE is presumed not to be performing a CUF as described in this section, the SBE may present evidence through the Contractor to Metro to rebut that presumption no later than fifteen (15) days after receipt of notice of violation(s). If after review of the evidence presented by the SBE does not meet the CUF provisions herein, the Contractor will be required to cure deficiencies found. Metro's CUF decisions are not appealable.

205 **CREDITING AND COUNTING SBE PARTICIPATION:** Metro is only able to count toward the achievement of the SBE commitment percentage the value of actual dollar paid for CUF work actually performed by SBE firms. There will be no credit for work performed by a non-SBE prime and/or subcontractor. SBE participation listed in the bid or proposal must comply with the provisions of this section.

- A. **SBE as the Prime Contractor:** 100% SBE credit for that portion of the work performed by the SBE's own forces, including the cost of materials and supplies. Work that a SBE prime subcontracts to a non-SBE firm will not count toward the SBE commitment.
- B. **SBE as a Joint Venture Contractor:** 100% SBE credit for that portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work performed by the SBE's own forces.
- C. **SBE as a Subcontractor:** 100% SBE credit for the work of the subcontract performed by the SBE's own forces, including the cost of materials and supplies, excluding the purchase of materials and supplies or the lease of equipment by the SBE subcontractor from the prime contractor or its affiliates. Work that a SBE subcontractor in turn subcontracts to a non-SBE firm does not count toward the SBE commitment.
- D. **SBE as a Material Supplier or Broker:**
 - 1) 60% SBE credit for the cost of the materials or supplies purchased from a SBE regular dealer.

- 2) 100% SBE credit for the cost of materials or supplies obtained from a SBE manufacturer.
 - 3) 100% SBE credit for the value of reasonable fees and commissions for the procurement of materials and supplies if not a regular dealer or manufacturer.
- E. **SBE as a Trucker:** 100% SBE credit for trucking participation provided the SBE is responsible for the management and supervision of the entire trucking operation for which it is responsible. At least one truck owned, operated, licensed and insured by the SBE must be used on the contract. Credit will be given for the full value of all such SBE trucks operated using SBE employed drivers. SBE credit will be limited to the value of the reasonable fee or commission received by the SBE if trucks are leased from a non-SBE company. Metro uses the following six (6) factors in determining whether to count expenditures to a SBE trucking firm, to determine if it is performing a commercially useful function:
- 1) The SBE must be responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular contract and there cannot be a contrived arrangement for the purpose of meeting SBE goals.
 - 2) The SBE must itself own and operate at least one fully licensed, insured and operational truck used on the contract
 - 3) The SBE receives credit for the total value of the transportation services it provides on the contract using trucks it owns, insures, and operates using drivers it employs.
 - 4) The SBE may lease trucks from another SBE firm, including an owner-operator who is SBE certified. The SBE who leases the trucks from another SBE receives credit for the total value of the transportation services the lessee SBE provides on the contract.
 - 5) SBE firms that lease trucks from non-SBE firms are entitled to credit only for the fee or commission it receives from the lease arrangement. SBE firms are not eligible to receive full credit for the total value of transportation services.
 - 6) To perform a commercially useful function reference Section 203 ("Commercial Useful Function") an SBE trucking company shall have exclusive use of and control of the day-to-day trucking operation. This does not preclude the leased truck from working for others during the term of the lease with the consent of the SBE, so long as the lease gives the SBE absolute priority for use of the leased truck. Leased trucks must display the name and identification number of the SBE firm.

- 7) SBE firms that leases trucks from a prime contractor during the performance of contract, is considered a violation of the commercial useful function requirement.

206 THE SBE (AND NOT OTHER BUSINESS ENTITIES) SHALL ACTUALLY PERFORM THE SUBCONTRACT:

The SBE's utilization of labor, supervisory personnel, equipment and material in the performance of the subcontract, shall be consistent with industry standards and shall demonstrate that the SBE, and not some other business entity is actually performing the subcontract. If a SBE associates itself too closely with another business entity or entities, in acquiring labor force, supervisors, equipment, or materials to an extent inconsistent with industry standards, the SBE can no longer be said to be actually performing a commercially useful function (reference §203)the subcontract.

- 207 SBE CONTRACTOR'S WORK FORCE:** The SBE shall solicit, hire, place on its payroll, direct, and control all workers performing work under its contract. The SBE owner or its superintendent shall, on a full-time basis, supervise and control the work of the contract. The SBE may, with Metro's prior written consent, augment its work force with personnel of another firm. Metro shall approve the request in writing only when specialized skills are required and the use of such personnel is for a limited duration.

SECTION 300 - CONTRACT COMPLIANCE MONITORING

- 300 REVIEW AND MONITORING SYSTEM:** This section describes the review and monitoring system to ensure that all contractors, subcontractors, consultants, vendors, suppliers, dealers, brokers and other sources, and all Metro departments comply with the SBE requirements and all other contract provisions related to SBE participation.

Non-compliance by the Contractor with the SBE contract requirements or federal regulations constitutes a breach of contract, and requires, at a minimum, a written explanation and documented description of the contractor's GFE. Failure to comply may result in: (1) mandatory participation in a SBE Program Training Session, reviewing the performance, accountability, record keeping and reporting aspects of the SBE Program, and/or (2) termination of the contract, and/or (3) administrative sanctions, and/or (4) other appropriate remedies.

- 301 CREATE A LEVEL PLAYING FIELD OF OPPORTUNITY TO PARTICIPATE:** Contractors shall ensure that SBEs have a level playing field to successfully perform the responsibilities of their contract in order to meet its SBE contract commitment. These efforts include, but are not limited to the following:

- A. Negotiate in good faith to attempt to finalize subcontract and supply agreements with SBEs listed in its bid.
- B. Continue to provide assistance to SBE Subcontractors or Suppliers in obtaining bonding, lines of credit, or other capital financing.
- C. Contractors who failed to meet the SBE goals established for the contract, but who were determined by Metro to have fulfilled the good faith effort requirements to meet the goal, shall make additional documented efforts to seek out and utilize

additional first-tier SBE Subcontractors and Suppliers to increase SBE participation, during the life of the contract.

- D. Contractor shall immediately inform DEOD of any problems anticipated or concerns in achieving the SBE commitment agreed upon at the time of award.
- E. Issue the SBE(s) a written Cure Notice of any potential problem and provide a reasonable time frame for the SBE to cure the problem. The Contractor shall, concurrently with the issuance of the Cure Notice to the SBE, send a copy of the Cure Notice by First Class mail, postage prepaid, to the assigned Contract Compliance Officer, DEOD Contract Compliance Manager and to the Contract Administrator. In instances where the SBE fails to cure, the Contractor is then obligated to take the steps outlined in the section herein RESOLUTION OF SBE DISPUTES BETWEEN CONTRACTOR AND SBE SUBCONTRACTORS before formally requesting approval from Metro to substitute a SBE.

302 NOTIFICATION OF REPORTING REQUIREMENTS: For SBE contracting requirements, Contractors shall refer to the SBE Contract Compliance Manual, the General Conditions and the Special Provisions sections of the executed contract. Contractors are advised of prompt payment provisions and retention covering all SBE and Non SBE subcontracts, implemented pursuant to the California Business and Professions Code 7108.5.

303 KICK-OFF MEETING: Contractors and subcontractor(s) or designees shall be notified of the scheduled project kick-off meeting, prior to or immediately after Notice to Proceed is issued. The Contractor shall be responsible for informing the SBE subcontractors requirements

304 CONTRACT COMPLIANCE SUBMITTALS – REPORTING SBE PARTICIPATION

- A. **SUMMARY OF CONTRACTORS PAID REPORT (Form 103):** Contractor shall submit timely and complete monthly progress reports of SBE utilization and payment to the Diversity & Economic Opportunity Department (DEOD) the FORM 103, SUMMARY OF SUBCONTRACTORS PAID REPORT. These reports shall include information through the end of the previous month. Failure to submit the FORM 103 reports by the 15th of each month may result in the imposition of a penalty of \$1,000 per day for each report overdue.

The FORM 103, Summary of Subcontractors Paid Report, includes the following information:

- 1) Name, address, and phone number of each SBE Subcontractor
- 2) General work assignment of each SBE Subcontractor
- 3) The specific portion of work performed by each SBE Subcontractor during the reporting period
- 4) SBE Subcontractor the dollars commitments (including identifying changes/modifications)
- 5) Dollars paid to each SBE Subcontractor during the reporting period.
- 6) Dollars paid to date for each SBE Subcontractor.

- 7) Dollars paid to the SBE as a result of a change order or other cost modification.
- 8) Dollars paid to date as a percentage of the total commitment to each SBE.
- 9) Date of last progress payment
- 10) Invoice number, date and amount
- 11) Invoice number corresponding to last payment to subcontractor
- 12) Task Order or Contact Work Order number and amount. (If applicable)

B. CONTRACTOR MONTHLY SBE PROGRESS REPORT (Design/Build Only):

The Contractor shall submit timely and complete monthly progress report summarizing the overall status of commitments to SBE firms, attainments to SBE firms, and prompt payment/retainage for all firms (SBE and non-SBE firms) performing on this contract.

The monthly progress report shall be submitted to Metro by the 15th day following the reporting month. The monthly report shall provide, at a minimum, the following information:

- 1) The following general contract value information must be provided:
 - a. Original Contract Amount
 - b. Running Total of Change Order Amount
 - c. Current Contract Amount
 - d. Amount Paid to Contractor during the each month
 - e. Amount Paid to Contractor from inception to Date
 - f. SBE Contract Goal
 - g. Total Dollar Amount of SBE Commitment
 - h. SBE Commitment as Percentage of Current Contract Amount
- 2) The following general information shall be prepared for the Contractor and each subcontractor (at every tier level): Name, address, phone, SBE status, contact person, contractor(s), name, date contract agreement signed, scope of work, anticipated first date of performance and anticipated last date of performance
- 3) Supplemental Reports (Design/Build Only)

Prime contractors shall submit, each month (unless otherwise instructed by Metro's). Contractor may develop their own reporting format (subject to Metro's approval) to meet the following supplemental report requirements:

- a. SBE Attainment and Commitment Report, a monthly listing of SBE and non-SBE subcontractors with current and anticipated participation. This report shall includes a current SBE attainment and commitment tallies from each subcontractor (at any tier) listing of all its subcontractors.
- b. Prompt Payment" Report listing its immediate subcontractors and the "Prompt Payment" activity from each subcontractor subcontracting at each tier listing their immediate subcontractors, to the Contract

Compliance Officer, documenting the status of each subcontractor's retainage account with the Prime Contractor engaged in subcontracting and their compliance with the return of the retainage regulations.

- c. The Prime Contractor's "Prompt Payment and Retainage" Report for the month (or the period of time designated by DEOD), listing its immediate subcontractors and the prompt payment and retainage activity from each subcontractor (at any tier).

C. MONTHLY EXPENDITURE PLAN (FOR CONSTRUCTION WORK ONLY):

An expenditure plan in calendar format for each of its approved SBE Subcontractors/Suppliers shall be submitted 14 working days after the Contractor executes a contract or purchase order with Metro, and submitted each month thereafter. The planned expenditures shall equal the dollars committed to each SBE Subcontractor/Supplier and shall be developed according to the approved project schedule.

The plan shall be updated to incorporate any schedule changes and executed Changed Notices and Work Authorization Change Notices affecting the SBE's work. The original plan must be approved and each revision must be approved by the, "Construction Manager's Resident Engineer," prior to being submitted to the assigned Contract Compliance Officer and the Contract Administrator. Revised plans shall be submitted within 30 days from the incorporation of the change.

D. SBE TRUCKING VERIFICATION REPORT

When trucking is listed to be performed, the Contractor shall provide to Metro, by the fifth (5th) day of each month, the preceding month's trucking activity. The Contractor shall submit documentation showing the amount paid to SBE trucking companies listed to perform on the contract. This monthly documentation shall indicate the portion of revenue paid to SBE trucking companies which is claimed toward SBE participation. The Contractor shall also obtain and submit documentation to the DEOD showing the amount paid by SBE trucking companies to all firms, including owner-operators, for the leasing of trucks. The SBE who leases trucks from a non-SBE is entitled to credit only for the fee or commission it receives as a result of the lease arrangement. The records must confirm that the amount of credit claimed toward SBE participation conforms to Subsection 205, referenced above.

The Contractor shall also obtain and submit documentation showing the truck number, owner's name, California Highway Patrol CA number and if applicable, the SBE certification letter of the owner of the truck for all trucks used during that month for which SBE participation will be claimed. The Contractor shall promptly pay SBE trucking companies in accordance with the prompt payment provisions prescribed in Section 300, Subsections 304 through 312.

E. EQUAL EMPLOYMENT OPPORTUNITY (EEO) POLICY STATEMENT:

Contractor shall submit a copy of its EEO Policy Statement. Each construction contractor is covered under Executive Order 11246, as

amended if the contract amount exceeds \$10,000 and must submit a copy of its Equal Employment Opportunity (EEO) Policy. The EEO policy must also be included in the Contractor's subcontracts. The policy shall state that the contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin.

Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices covering all provisions of this nondiscrimination clause.

Construction contractors will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.

- F. **EXECUTED SBE SUBCONTRACT AGREEMENTS:** The Contractor shall submit copies of all executed SBE subcontract agreements and/or SBE purchase orders (PO) within 14 days (working) after the Contractor executes their contract or PO with Metro. Failure to comply with this section will be cause for non-compliance and assessment of administrative sanctions, and may include, imposing a special assessment against the Contractor.

The SBE subcontract or PO should be sent to the attention of the assigned Contract Compliance Officer. The Contractor shall incorporate the SBE Program document and this SBE Contract Compliance Manual into each PO and into each Subcontract issued under this DOT-assisted contract and each subcontractor, consultant, dealer, broker, vendor or other source shall agree to the terms and conditions. The Contractor shall immediately notify DEOD in writing, within the 14-day timeframe mentioned above, of any problems it may have in obtaining the subcontract agreements from listed SBE firms within the specified time. Failure to notify DEOD may deem the Contractor in non-compliance with this requirement and subject to imposed administrative sanctions. Contractor must document all efforts taken to with subcontractor to executive subcontract agreements.

The Contractor shall include the following language in each subcontract agreement the Contractor signs with a SBE subcontractor:

- G. **CONTRACT ASSURANCE:** The contractor, sub-recipient, or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable SBE requirements in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this

contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

305 PROMPT PAYMENT:

The prime contractor is required to incorporate the Prompt Payment Clause referenced in Section 302 above, in all subcontract, broker, dealer, vendor, supplier or other source agreements or Purchase Orders (at all tiers) issued to both SBE and non-SBE firms. Contractor shall reference the following contract clauses: General Terms and Conditions concerning Prompt Payment to Subcontractors and Prompt Payment of Withheld Funds to Subcontractors.

306 PROGRESS PAYMENTS: Prompt Payment and Progress Payment language must included in all non-SBE and SBE subcontract agreements verbatim. Pursuant to the California Business and Professions Code Section 7108.5, the Contractor shall pay each subcontractor under this Contract for satisfactory performance of its subcontract work no later than seven (7) days after its receipt of each Progress Payment from Metro.

307 FINAL PAYMENT TO SUBCONTRACTOR (RETAINAGE): The Contractor and all subcontractors shall pay to each subcontractor all amounts it has retained from payments under the Subcontract within seven (7) days after the Subcontractor's Work is satisfactorily completed.

Prompt Payment of Retention to Subcontractors (Required in all SBE and non-SBE subcontract agreements verbatim):

With respect to retention that Metro withholds from the Contractor, Metro shall make prompt and regular incremental inspection(s) and upon approval of the Contractor's work at various stages of the Project, Metro shall pay a percentage of retention to the Contractor. The Contractor shall, within 30 days after Metro has made such payment, promptly pay all retention owed to Subcontractor(s) who has satisfactorily completed all of its work and whose work is covered by Metro inspection(s) and approval(s). For the purposes of this section, a subcontractor's work is satisfactorily completed when the Contractor certifies to Metro that all the tasks called for in the subcontract have been satisfactorily accomplished and that subcontractor's retention may now be paid. Any delay or postponement of prompt release of retention beyond the 30 day time limit shall be for good cause, and only upon prior written approval by Metro.

308 WORK SATISFACTORILY COMPLETED: Satisfactory completion of a subcontractor's work is when all the tasks called for in the subcontract have been accomplished and documented as required by Metro.

309 DELAY OR POSTPONEMENT OF PAYMENT: Any delay or postponement of payment beyond the 7-day time limit shall take place only for good cause, and only upon prior written approval of Metro.

310 NON—PROGRESS OR RETAINAGE PAYMENT INQUIRIES: If Subcontractor (at any tier) is not paid within 7 days according to prompt payment and or retainage. The subcontractor must notify the prime contractor in writing within 30 calendar days from the time payment should have been received. The subcontractor shall copy the Metro

DEOD Representative and Contract Administrator. The prime contractor (or lower tier direct subcontractor) has 7 calendar days to respond in writing back to the inquiring subcontractor. The prime contractor shall also copy the Metro DEOD Representative and Contract Administrator.

- 311 VIOLATION OF PROMPT PAYMENT:** The Contractor and all subcontractors, consultants and suppliers shall comply with all prompt payment requirements in the Contract. Any violation of the prompt payment provision shall subject the violating contractor or subcontractor to the penalties, sanctions, and other remedies specified in Section 7108.5 of the California Business and Professions Code. This requirement shall not be construed to limit or impair any contractual, administrative, or judicial remedies, otherwise available to the contractor or subcontractor in the event of a dispute involving late payment or nonpayment by the contractor, deficient subcontractor performance, and/or noncompliance by a subcontractor.
- 312 FAILURE TO COMPLY WITH PROMPT PAYMENT:** If it is determined that the contractor is non-compliant with prompt payment provisions, the contractor will receive written notification from Metro with details of this deficiency. If additional clarification is required, the contractor must respond to the request within five (5) working days. Failure to comply may result in the assessment of appropriate administrative sanctions and/or penalties. Failure of the Contractor and/or its listed subcontractors to comply with any part of the mentioned may result in non-compliance determination and administrative sanctions may be imposed as prescribed in SBE Assessment of Non-compliance and Administrative Sanctions.
- 313 FINAL REPORTING:** Contractor shall submit to Metro, along with invoice for final payment, a signed and notarized statement that the Contractor will pay all outstanding payments including retention 10 days after it receives final payment from Metro. Please see General Terms and Conditions concerning "Prompt Payment to Subcontractors and Prompt Payment of Withheld Funds to Subcontractors." The Contractor shall submit the final Form 103 report within 14 calendar days of final payment.
- 314 ASSESSMENT FOR SBE NON-COMPLIANCE:** If the Contractor fails to comply with the SBE Program requirements, contract payments shall be reduced by one or more of the following methods:
- A. A penalty of five thousand dollars (\$5,000) per day, from the date the Contractor is determined to be in non-compliance with the SBE Program requirements until compliance is determined.
 - B. Penalties of ten percent (10%) of the total contract value, including any approved change orders, for failure to meet SBE commitments or to demonstrate good faith efforts.
 - C. Penalties may be deducted from payments due the Contractor, from any funds retained.
- 315 DISPUTE RESOLUTION:** The Contractor must include in its SBE Subcontract Agreement(s) the Dispute Resolution provisions in Section 5.0 of the Contract Compliance Manual (non-Federal) for disputes arising out of or related to this contract between Contractor and any lower tier Subcontractors which cannot be settled by discussions between the parties involved. The Contractor and Subcontractor, in the

event of a dispute to their contract, agree to proceed through informal meetings, mediation, or arbitration, or any combination thereof.

SECTION 400 - RESOLUTION OF DISPUTES BETWEEN METRO CONTRACTOR AND SUBCONTRACTORS

400 **DISPUTES:** Disputes between the Contractor and any lower tier SBE subcontractors, which cannot be settled by discussions between the parties involved, shall be settled as described herein. Contractor shall notify Metro of such dispute within ten 10 days of failure to resolve through written cure notice process described above.

These provisions shall not apply to disputes between the Contractor and Metro. These provisions do not alter in any way or waive compliance with any provisions in Section GC36 "Submittal of Claims" included in the Contract Documents.

The Contractor and Subcontractors shall include the dispute resolution provision in their contract. Both parties shall agree to proceed through informal meetings, mediation, or arbitration, or any combination thereof. Dispute submittals shall include terms and timeframes and the service or assistance to be employed.

401 **INFORMAL MEETINGS:** The Diversity and Economic Opportunity Department will coordinate informal meeting requests, to assist in the resolution of disputes between Contractor and subcontractor. The assigned Diversity and Economic Opportunity Representative will conduct the informal meetings with parties in dispute. All parties must agree to the procedure.

402 **MEDIATION:** The parties to a contract may agree to endeavor to settle a dispute through informal mediation under independent third party organizations. Metro's Diversity and Economic Opportunity Department is considered an independent third party. Submission to informal mediation is voluntary; is not binding and offers advisory opinions.

403 **ARBITRATION:** Should the parties fail to resolve any SBE related dispute arising out of or related to the contract via informal meetings or mediation, the parties are contractually obligated to submit the claims for arbitration within 120 days from date Metro is notified of dispute. Arbitration conducted pursuant to the contract shall be binding upon all parties to the arbitration. All arbitration is to be conducted in a manner consistent with section 1020 et seq. of the Public Contract Code and Section 1296 of Code of Civil Procedure.

Available mediation and arbitration services include:

The American Arbitration Association (213) 362-1900
Dispute Resolution Center (818) 793-7174

The Contractor shall incorporate this Section into each SBE subcontract related to work arising under this contract and shall not incorporate by reference.

Only when resolution of SBE disputes attempted through informal meetings, mediation, and/or arbitration has failed may the Contractor formally request substitution of a SBE subcontractor.

- 404** **TIMELINESS:** Should the parties proceed to arbitration, moneys due, if any, shall be placed in a trust account. Such funds shall be released to the appropriate party within five (5) working days of a determination being issued by the arbitrator.

NOTE: Arbitration findings are binding upon the parties. However, the findings do not in any way relieve the contractor of its obligation to meet the SBE goals.

SECTION 500 - ADDING OR SUBSTITUTING OR TERMINATING A SBE

Contractors shall obtain written approval from DEOD prior to adding, substituting, or terminating SBE subcontractors.

- 500** **ADDING SBE SUBCONTRACTORS:** If contractors determine that there are additional opportunities for SBEs not originally listed, they may exercise good faith efforts by requesting to add SBE firm(s) to their contract. Metro shall authorize the addition of SBE subcontractor(s) for credit toward the contract commitment upon verification of certification. Prior to adding SBE subcontractors, written requests must be submitted to DEOD and Contract Administration for approval. This request must include scope of work, dollar amount, period of performance, and a SBE certification letter.

After formal approval by Metro, the contractor may add the subcontractor to the Form 103 and must provide a copy of the Subcontract Agreement.

- 501** **SUBSTITUTING OR TERMINATING SBE SUBCONTRACTORS:**
Pursuant to 49 Code of Federal Regulations (CFR) Part 26 and the California Public Contract Code Section 4100, no contractor at any tier may terminate a SBE subcontractor for convenience and then perform that work with its own workforce or that of its affiliate. The contractor shall provide written request to DEOD to substitute a SBE subcontractor.

- A. Metro shall only authorize the substitution of a subcontractor for one or more of the following reasons:
1. The listed SBE, after having had a reasonable opportunity, fails or refuses to execute a written contract.
 2. The listed SBE becomes bankrupt or has credit unworthiness.
 3. The listed SBE fails or refuses to perform his subcontract with normal industry standard.
 4. The listed SBE subcontractor, after having had a reasonable opportunity, fails or refuses to meet the contractor's non-discriminatory bond requirements.
 5. The prime contractor demonstrates to Metro, pursuant to Public Contract Code, Section 4107.5, that the name of the subcontractor was listed as the result of an inadvertent clerical error.
 6. The listed subcontractor is not licensed pursuant to the Contractors License Law.

7. It was determined that the work performed by the listed subcontractor is substantially unsatisfactory and is not in accordance with the plans and specifications, or that the subcontractor is substantially delaying or disrupting the progress of the work
8. The SBE is ineligible to work because of suspension and debarment.
9. It has been determined that the SBE is not a responsible contractor.
10. The SBE voluntarily withdraws, with written notification, from the contract.
11. The SBE is ineligible to receive credit for the type of work required.
12. The SBE owner dies or becomes disabled resulting in the inability to perform the work on the contract.
13. Other documented compelling reasons.

- B. DEOD shall send written notice to the listed SBE subcontractor of the Contractor's request for substitution, including the reasons for the request. The SBE subcontractor shall have five (5) working days to submit written objections to the substitution to DEOD. Failure to respond to a written objection may constitute the listed SBE subcontractor's consent for substitution.

Contractor(s) shall replace a SBE subcontractor with another SBE firm, after following dispute resolution procedures, pursuant to the provisions of the California Public Contracts Code.

- C. If written objections are filed by a SBE subcontractor, Metro shall give written notification within at least five (5) working days, to the prime contractor and the listed subcontractor of an informal mediation regarding the request for substitution.
- D. If no written objections are filed by the SBE subcontractor, the prime's request to substitute shall be approved. A new SBE listing shall include the commitment amount and the type of work covered by each Subcontractor. All substitutions and additions are subject to Metro's approval.
- E. If substitution with another SBE firm is not viable, the Contractor shall submit a written request for a substitution with a non-SBE. This request must include documentation of good faith efforts demonstrating the contractor's attempt to substitute the SBE firm with another SBE firm for Metro's review and approval.

The Contractor shall obtain the written consent prior to making any substitutions. If adding SBE firms for credit toward the goal, verification of certification is required prior to receiving credit toward the contract specific goal. SBEs must be certified at the time of the substitution or addition.

Failure to comply with this or any other SBE requirement may result in assessment of appropriate administrative sanctions.

SECTION 600 - GOAL ATTAINMENT DURING LIFE OF CONTRACT

- A. The Contractor shall not make any falsification of subcontractor information, up to and including Subcontractor's name, subcontract amount and/or actual work to be performed by SBE firms.
- B. The Contractor shall utilize SBEs according to the participation levels committed to at the time of contract award, and demonstrate an adequate and positive good faith effort to do so throughout the life of the contract.
- C. The dollar amount of change orders, contract modifications, or provisions sums for design, construction, operations and maintenance, that increases or decreases the scope of work committed to SBEs, shall be commensurately added to or subtracted from the total contract amount used to compute actual dollars paid to SBEs regardless of who performed the work.
- D. All contract amounts revised as a consequence of a change order, contract modification or provisional sum, shall be reflected in the Contractor's monthly referenced herein in Diversity and Economic Opportunity Submittals, herein.
- E. All submittal forms, containing any contract value, revised as a consequence of a Change Order, contract modification, provisional sums shall be accompanied with copy of relevant support documentation.
- F. The Contractor shall submit the final SBE report within 14 calendar days of final payment, retention, and acceptance of the contract work by the Metro as prescribed in Section 3.6.
- G. Listed first-tier subcontractors shall enter into subcontract agreements with the Contractor within the specified time frame of fourteen (14) working days following NTP. Failure to execute subcontract agreements in a timely manner shall be considered a violation of the SBE Program requirements.
- H. When a SBE subcontracts part of the work of its contract to another firm, the value of the subcontracted work may be counted toward SBE goals only if the SBE's subcontractor is itself a SBE. Work that a SBE subcontracts to a non-SBE firm does not count toward SBE goals.
- I. When a SBE performs in a joint venture, only the percentage of the SBE joint venture is eligible for credit. Work must be performed by the SBEs own work forces.
- J. Failure to adhere to any of the requirements of this Section shall constitute a breach of contract and may result in the Metro's terminating the contract for default and/or imposing appropriate sanctions as outlined in the section entitled Remedies for Breach of SBE Requirements.

SECTION 700 – SANCTIONS FOR SBE PROGRAM VIOLATIONS

A. Failure to Comply

1. Failure to adhere to any of the SBE Program requirements shall constitute a breach of contract and may result in Metro terminating the contract for default and/or imposition of appropriate sanctions as outlined in this section.
2. Staff shall review the contractor's monthly progress reports to determine whether the utilization of SBE firms is consistent with the contractor's commitment at the time of contract award.
3. Failure to utilize a SBE as listed toward the goal is a breach of contract and may result in the imposition of administrative sanction.
4. If it is determined that the Contractor's SBE utilization is not consistent with the commitment, the contractor shall be required to submit written evidence of its good faith efforts (GFE) within ten (10) working days. For failure to respond, the contractor will be deemed non-compliant and subject to administrative sanctions.
5. If it is determined that the contractor's good faith efforts documentation is acceptable, the contractor shall be deemed to be in compliance with the requirements of the SBE program.
6. If it is determined that the contractor's good faith efforts documentation is not acceptable, the contractor will receive written details of any deficiencies. If additional clarification is required, the contractor must respond to the request within five (5) working days. Failure to comply may result in the assessment of appropriate administrative sanctions and/or penalties.
7. If it is determined that the contractor is in non-compliance with prompt payment provisions, the contractor will receive written details of this deficiency. If additional clarification is required, the contractor must respond to the request within five (5) working days. Failure to comply may result in the assessment of appropriate administrative sanctions and/or penalties.

B. Remedies for Breach of SBE Requirements

Contractor(s) found in violation of Metro's SBE program requirements, during the performance of the contract, shall be required to "correct" its deficiency or be subject to the Administrative Sanctions listed in this Section. Being subject to appropriate administrative remedies or sanctions does not preclude Metro from invoking other contract and/or legal remedies available under federal, state or local law

C. Appropriate Administrative Remedies

Appropriate administrative remedies will be imposed on Contractors deemed non-compliant to the SBE Program requirements. Contractors' failure to provide documentation of good faith efforts, as requested, will also be subject to appropriate administrative remedies. Contractor notifications shall be made by certified mail.

The appropriate administrative remedies shall include, but is not limited to the following:

1. Mandatory SBE Training Session(s) for Contractor(s) found in violation of SBE program requirements (SBE Training will be coordinated by DEOD, and all associated expenses, including, but not limited to, travel, lodging, meals and etc., will be the responsibility of the Contractor.)
2. Penalties as described in the, "Assessment for SBE Non-Compliance," (referenced in Sub-Section D)
3. Suspension of payment(s) to the Contractor Metro
4. Termination of the Contract for default.
5. Debarment (49 CFR 107).

D. Assessment for SBE Non-Compliance

If the Contractor fails to comply with the SBE Program requirements, contract payments shall be reduced by one or more of the following methods:

1. A penalty of five thousand dollars (\$5,000) per day, from the date the Contractor is determined to be in non-compliance with the SBE Program requirements until compliance is determined.
2. Penalties of ten percent (10%) of the total contract value, including any approved change orders, for failure to meet SBE commitments or to demonstrate good faith efforts.
3. Penalties may be deducted from payments due the Contractor, from any funds retained.

SECTION 800 - SMALL BUSINESS ENTERPRISE CERTIFICATION

800 CERTIFICATION REQUIREMENTS

A firm only holding a current certification as an eligible Metro SBE may participate in the Metro SBE Program. Firms listed by Bidders to meet an established SBE subcontracting goal must be certified by bid due date. Metro has a responsibility to ensure that eligible SBE firms participate in Metro contracting. If not, that firm's participation may not be counted as SBE participation in the contract. Bidders shall

ensure SBE firms are certified in the North American Industry Classification System (NAICS) codes for the work in which the SBE firm is listed to perform and for which the Bidder seeks SBE credit towards its SBE commitment. Certifications as a Metro SBE firm, means the firm met the SBE certification requirements and eligibility standards described in Metro's SBE Program.

801 SBE CERTIFICATION STANDARDS

Metro follows the standards and procedures defined by Metro SBE Program Subpart E to determine whether an applicant is eligible for SBE certification. These standards and procedures are described in detail in the Certification Instructions, provided with the Application for Certification. Interested individuals or companies will start the process by obtaining a copy of the SBE Application and SBE Certification Instructions.

END OF SECTION

SECTION 2 NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS

1.0 POLICY

The Los Angeles County Metropolitan Transportation Authority (Metro) will not do business with any employer who discriminates on the basis of: race; sex; color; religion; ancestry; national origin; marital status; age (over 40); disability (including AIDS, and cancer-related medical condition) or covered veteran status.

2.0 IMPLEMENTATION

Metro has adopted the Construction Industry Compliance Program procedures for compliance reviews of construction contractors and subcontractors including those involved in federally assisted construction to determine whether they are complying with requirements prohibiting discrimination and requiring affirmative action to ensure equal employment opportunity without regard to race, color, religion, national origin, sex, disability, or covered veteran status.

- 2.1 Any Contractor, who is performing work financed in whole or in part by an agency of the federal government, whether on a project sponsored by Metro or another agency, may follow the federal regulations which implement Executive Order 11246.
- 2.2 The Diversity and Economic Opportunity Department is responsible for implementing the Equal Employment Opportunity program. This office shall collect all reports and related information, and conduct all monitoring and enforcement activities as outlined in the regulations. Any Contractor who is performing work as described in paragraph B of this Section is also required to submit reports and related information to the regional office of the U.S. Department of Labor Employment Standards Administration, Office of Federal Contract Compliance Program (OFCCP).
- 2.3 A Contractor is covered under Executive Order if the contract exceeds \$ 10,000 and Section 503 if the amount is more than \$2,500; and under 38 U.S.C. 4212 if the amount exceeds \$10,000 or more. Federal Assisted construction contracts and subcontracts in excess of \$10,000 are covered under Executive Order 11246 only and not under 503 or 38 U.S.C. 4212. Contractors meeting the threshold criteria in this paragraph are required to include the following clause in their contract:
 - A. During the performance of this Contract, the Contractor and its Subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of: race; sex; color; religion; ancestry; national origin; marital status; age (over 40); or, disability (including AIDS, and cancer-related medical condition). Contractors and Subcontractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. Contractors and Subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Government Code, Section 12900 et seq.) The applicable

regulations of the Fair Employment and Housing implementing Government Code, Section 12900, set forth in Chapter 5 of Division 4 of Title 2 of the California Administrative Code are incorporated into this Contract by reference and made a part hereof as if set forth in full. The Contractor and its Subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

- B. The Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform Work under the Contract.

3.0 NONCOMPLIANCE

The Diversity and Economic Opportunity Department determine violations of nondiscrimination and compliance requirements and recommend possible remedies. In the event of noncompliance by a Metro Contractor or Subcontractor, the Diversity Economic Opportunity Department will inform the Prime and Contract Administrator of such finding. Metro may pursue such remedies as it deems appropriate, including cancellation, termination or suspension of the Contract, declaring the Contractor ineligible to bid on future contracts for a specified period of time, or such other sanctions which shall take into account the severity of the violation or violations.

4.0 EQUAL EMPLOYMENT OPPORTUNITY

- 4.1 The Contractor shall not discriminate against any employee or applicant for employment because of: race; sex; color; religion; ancestry; national origin; marital status; age (over 40); or, disability (including AIDS, and cancer-related medical condition). The Contractor shall take affirmative action to ensure that applicants are employed and that employees are treated during their employment without regard to: race; sex; color; religion; ancestry; national origin; marital status; age (over 40); or, disability (including AIDS, and cancer-related medical condition). Such actions shall include but not be limited to the following: employment, upgrading, demotion, and transfer; recruitment and recruitment advertising; layoff and termination; rates of pay and other forms of compensation; and selection for training, including apprenticeship. The Contractor shall post notices to be provided, setting forth the conditions of this Section, in conspicuous places available to employees and applicants for employment. The Contractor shall insert a similar condition in all subcontracts, except subcontracts for standard commercial supplies or raw materials.
- 4.2 The Contractor shall, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to: race; sex; color; religion; ancestry; national origin; marital status; age (over 40); or, disability (including AIDS, and cancer-related medical condition).
- 4.3 The Contractor shall send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding a notice to be provided, advising the said labor union or workers' representatives of

the Contractor's commitments under this Section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

- 4.4 The Contractor shall comply with all provisions of Executive Order 11246, as amended, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- 4.5 The Contractor shall furnish information and reports required by Executive Order 11246, as amended, and by rules, regulations, and orders of the Secretary of Labor or pursuant thereto and shall permit access to its books, records and accounts by Metro and the Secretary of Labor, for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- 4.6 In the event of the Contractor's noncompliance with the nondiscrimination conditions of the Contract or with any of the said rules, regulations, or orders, the Contract may be canceled, terminated, or suspended, in whole or in part, and the Contractor may be declared ineligible for further Government contracts, in accordance with procedures authorized in Executive Order 11246, as amended; and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246, as amended, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- 4.7 The Contractor shall include the conditions of this Section in every subcontract of any tier or purchase order, unless exempted by rules, regulations, or orders of the Secretary of Labor, issued pursuant to Section 204 of Executive Order 11246, as amended, so that such conditions shall be binding upon each Subcontractor or vendor. The Contractor shall take such action with respect to any subcontract or purchase order as Metro may direct, as a means of enforcing such conditions, including sanctions for noncompliance, provided, however, that, if a Contractor becomes involved in or is threatened with litigation with a Subcontractor or vendor as a result of such direction by Metro the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

5.0 AFFIRMATIVE ACTION REQUIREMENTS AND EQUAL EMPLOYMENT OPPORTUNITY

- 5.1 Requirements for Affirmative Action to Ensure Equal Employment Opportunity pursuant to Executive Order 11246, as amended, apply to this Contract.
- 5.2 The Contractor shall comply with the Standard Federal Equal Employment Opportunity Construction Contract Specifications set forth herein.
- 5.3 The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate work force in each trade on all construction work in the Los Angeles County Area are as follows:

A. Goals and Timetables for Female Participation

TIMETABLE	TRADE GOAL
From April 7, 1978 extended indefinitely	All 6.9%

B. Goals and Timetables for Minority Participation

TIMETABLE	TRADE GOAL
Until further notice by the Office of Federal Contract Compliance Programs (OFCCP)	All 28.3%

These goals are applicable to all the Contractor's construction work (whether or not it is federal or federally assisted) performed in the covered area. If the Contractor performs construction work in a geographical area located outside the covered area, it shall apply the goals established for such geographical area where the work is generally performed. With regard to this second area, the Contractor is also subject to the goals for both its federally involved and non-federally involved construction.

- 5.4 The Contractor's compliance with Executive Order 11246, the regulations in 41 CFR Part 60-4, and Metro's Equal Employment Opportunity Policy shall be based on its implementation of this Section, specific affirmative action obligations set forth in 41 CFR 60-4.3 (a) and its efforts to meet the goals established for the Los Angeles County geographical area where the Work is to be performed. The hours of minority and female employment and training must be substantially uniform throughout the length of the Contract, and in each trade, and the Contractor must demonstrate a good faith effort to employ minority persons and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goal shall be a violation of the Contract, Executive Order 11246, and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.
- 5.5 The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days after award of any construction subcontract in excess of ten thousand dollars (\$10,000) at any tier for construction work under the Contract. The notification shall list the name, address, and telephone number of each subcontractor and employer identification number; estimated dollar amount of subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.
- 5.6 As used in the Contract, the "covered area" (or otherwise termed the "Work") is the area of jurisdiction of the Los Angeles Building and Construction Trades Council.

6.0 STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY CONSTRUCTION CONTRACT SPECIFICATIONS

Pursuant to 41 CFR 60-4.3 (a) and Metro's policy as follows:

6.1 As used in this Manual:

- A. "Covered area," (or otherwise termed the, "Work") means the area of jurisdiction of the Los Angeles Building and Construction Trades Council.
- B. "Director" means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, and any person to whom the Director delegates authority.
- C. "Employer Identification Number" means the Federal Social Security Number used on the Employer's Quarterly Federal Tax Return, United States Treasury Department Form 941.
- D. "Minority" includes:
 - 1. Black (all persons having origins in any of the Black African racial groups not of Hispanic origins);
 - 2. Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race);
 - 3. Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, South-East Asia, the Indian Subcontinent, or the Pacific Islands); and
 - 4. American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).

6.2 Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the Work involving any construction trade, it shall include in each subcontract in excess of ten thousand dollars (\$10,000) the provisions of these specifications and the notice which contains the applicable goals, for minority and female participation and which is set forth in this Contract.

6.3 If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the Covered Area either individually or through an association, its affirmative action obligations on all work in the Plan Area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or Subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade

in which it has employees. The overall, "Good Faith," performance by other Contractors or Subcontractors toward a goal in an approved Plan does not excuse the failure by any covered Contractor or Subcontractor to make "Good Faith" efforts to achieve the Plan goals and timetables.

- 6.4 The Contractor shall implement the specific affirmative action standards provided in the Section entitled AFFIRMATIVE ACTION REQUIREMENTS - EQUAL EMPLOYMENT OPPORTUNITY, paragraphs A through F, herein. The goals set forth in this Contract are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. The Contractor is expected to make substantially uniform progress towards its goals in each craft during the period specified.
- 6.5 Neither the provisions of any collective bargaining agreement, nor the failure by a union, with whom the Contractor has a collective bargaining agreement, to refer either minority persons or women shall excuse the obligations of the Contractor under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
- 6.6 In order for the non-working training hours of apprentices and trainees to be counted in meeting the goals, each individual must be an employee of the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U. S. Department of Labor.
- 6.7 The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these actions fully and implement affirmative action steps at least as extensive as the following:
 - A. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
 - B. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority, and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.

- C. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a Union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the Union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefore; along with whatever additional actions the Contractor may have taken.
- D. Provide immediate written notification to Metro's Office of Small Business Diversity and Labor Compliance and OFCCP's Director when the Union or Unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
- E. Develop on-the-job training opportunities and/or participate in training programs for the area that expressly includes minority persons and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under this Section, paragraph G, subparagraph 3.
- F. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- G. Review, at least annually, the Contractor's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with on-site supervisory personnel such as Superintendents, General Foreman, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.
- H. Disseminate the Contractor's EEO Policy externally by including it in any advertising in the news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.

- I. Direct its recruitment efforts both oral and written, to minority, female and community organizations, to schools with minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment sources, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.
 - J. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.
 - K. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
 - L. Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for such opportunities, through appropriate training, etc.
 - M. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment-related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
 - N. Ensure that all facilities and company activities are non-segregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
 - O. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction Contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
 - P. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.
- 6.8 Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations as identified in the Section entitled AFFIRMATIVE ACTION REQUIREMENTS - EQUAL EMPLOYMENT OPPORTUNITY, paragraphs A through F, herein. The efforts of a Contractor association, joint Contractor-union, Contractor-community, or similar group of which the Contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations as identified in the Section entitled AFFIRMATIVE ACTION REQUIREMENTS - EQUAL EMPLOYMENT OPPORTUNITY, paragraphs A through F, herein, provided that the Contractor

actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minority persons and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female work force participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and a failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.

- 6.9 A single goal for minority persons and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in a substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is under-utilized).
- 6.10 The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of: race; sex; color; religion; ancestry; national origin; marital status; age (over 40); or, disability (including AIDS, and cancer-related medical condition).
- 6.11 The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246, as amended by Executive order 11375.
- 6.12 The Contractor shall carry out such sanctions and for violation of these specifications and of the Equal Opportunity Article, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
- 6.13 The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in the Section entitled AFFIRMATIVE ACTION REQUIREMENTS - EQUAL EMPLOYMENT OPPORTUNITY herein, so as to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
- 6.14 The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security

number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade rate of pay, and locations at which the work was performed. (Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, Contractors shall not be required to maintain separate records.)

Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

7.0 NONCOMPLIANCE

Failure to carry out the requirements of this Section shall constitute a breach of Contract and, after notification to the US Department of Transportation, may result in termination of the Contract by Metro or imposition of other appropriate sanctions. This notice is given pursuant to 49 CFR 23.43(c).

END OF SECTION 2.0

APPENDIX A – DIVERSITY AND ECONOMIC OPPORTUNITY MANUAL DEFINITIONS

Change Order (CO): A written order by Metro's Contracting Officer directing Changed Work.

Changed Work (or Change): Additions, deletions or other revisions to the Work within the general scope of the Contract. Changed Work must be directed by Metro by a Change Order or agreed to by the parties in an Amendment or other Modification. Includes Work that does not involve an adjustment in the Contract Price and/or Contract Time. Does not include Work performed or time spent by Contractor to correct any Deficiency.

Commercially Useful Function: Work performed by a SBE firm in a particular transaction that in light of industry practices and other relevant considerations, has a necessary and useful role and the firm's role is not a superfluous step added in an attempt to obtain credit toward goals. If, in Metro's judgment, the firm (even though an eligible SBE) does not perform a commercially useful function in the transaction, no credit toward the goal may be awarded.

Contractor: The individual, firm, partnership, corporation, joint venture, or combination thereof, which may also be referred to by the term "it", that has entered into the Contract with Metro. Includes Contractor's successors, assigns, employees, officers, Contractor's Representatives, and agents. In context may also include Subcontractors, Suppliers and any other persons for whom the Contractor may be legally or contractually responsible.

Contracting Opportunity: Any decision by Metro or its contractors to institute a procurement action to obtain a product or service commercially (as opposed to intergovernmental actions).

Department: Functional unit of Metro, responsible for management and administration of specific projects included within the capital and operating budget.

Small Business Enterprise (SBE):

A SBE firm is, generally, one that has demonstrated to Metro, by a preponderance of the evidence, that it meets the requirements of Metro's Small Business Enterprise Program, Subpart E, " Certification Standards and Procedures," concerning Business Size, Owners Economic Disadvantage(Personal Net Worth), Quality of Ownership and Ownership Discretion and Control. It is a firm that:

- (1) Is owned by Individuals who can demonstrate, by a preponderance of the evidence, that they are economically disadvantaged. It requires an individual's personal net worth (PNW) to be within the SBE Program PNW Limits. Currently limits on PNW are defined as an average of less than \$1.32 million over the previous three years, excluding individual applicant owner's interest in their primary residence and the PNW of the applicant business);
- (2) Has had average annual gross receipts (over the previous three years) , under the SBE Small Business Size Table amounts, as defined by SBA regulations (13 CFR 121.402), according to the industry in which the firm actively does business, or average gross receipts are not greater than \$22.4 million over the previous three years.
- (3) Is at least 51 percent owned by one or more such economically disadvantaged individuals, or in the case of any business organized as a corporation, at least 51 percent of the shares are held by one or more economically disadvantaged individuals;

(4) Is an independent business whose management and daily business operations are controlled by one or more of the economically disadvantaged individuals who own it;

(5) Is a for profit business.

DOT Assisted Contract: Any contract or modification of a contract between Metro and a contractor which is paid for in whole or in part with DOT financial assistance.

FTA: Federal Transit Administration, an agency of the U.S. Department of Transportation.

Metro: The Los Angeles County Metropolitan Transportation Authority

Manufacturer: Means a business that operates, or maintains a factory or establishment that produces on the premises the materials or supplies obtained by the contractor.

Metro Rail Project: The design, engineering and construction of the high-capacity, high-speed conventional rapid rail system, currently proposed as an 18 mile subway system with multi-car trains, steel rails and at least 16 stations serving the Los Angeles' Regional Core.

Non-Compliance:

The condition existing when a contractor has failed to implement or meet the requirements of 49 CFR 26, as amended or Metro policy or procedure pertaining to SBE participation.

Payroll Form:

The State of California WH 347 Dept. of Transportation form for completing the Contractor employee's number of hours worked, hourly rate of pay, employee's classification, name, SSN, address, and fringe benefits paid, etc.

Pre-Bid/Construction Conference:

A meeting held by Metro after award of contract on a particular construction project, but prior to the beginning of any work, at which the prime contractor is advised of its federal, state and local compliance obligations and any final technical requirements.

Pre-Bid/Pre-Proposal Conference:

A meeting held by Metro prior to the bid/proposal closing date of a particular project, at which prospective bidders/proposers are advised of Metro specification requirements which include SBE provisions.

Professional/Technical Services Contract:

Contracts for the professional and technical services of accountants, architects, engineers, landscape architects, lawyers, planners, surveyors, title companies, urban designers, appraisers, option negotiators, and other persons performing similar services for Metro.

Public Works Contract:

Contracts for the construction, rehabilitation, alteration, conversion, extension, demolition or repair of buildings, highways, or other changes or improvements to real property, including facilities providing utility services. The term also includes the supervision, inspection, and other onsite functions incidental to the actual construction.

Secretary: The Secretary of U.S. Department of Transportation or any person whom he/she has designated to act for him/her.

Labor Compliance Section:

The staff that oversees and monitors labor standards activities for applicability to the State of California Labor Code and, where applicable, Title 8 of the California code of Regulations.

State: State of California.

Statement of Compliance:

The statement on the back of Payroll Form WH 347, whereby the Contractor declares how the fringes are paid whether by cash or through a bona fide fringe program.

Subcontract: Any contract, including contracts of any tier, to furnish Work, Goods or Equipment between the Contractor and/or any Subcontractor or Supplier.

Subcontractor: Any individual, firm, partnership, corporation, joint venture, or combination thereof, other than employees of the Contractor that enters into a legal agreement with the Contractor or any Subcontractor to furnish Work, Construction Equipment or Goods. Unless otherwise specified, Subcontractor includes a Subcontractor of any tier.

U.S. Department of Transportation Regulation (49 CFR Part 26 as amended):

Federal rules and regulations published in the Federal Register dated February 2, 1999; as amended by the Department of Transportation, Office of the Secretary; entitled "Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs," and codified at Title 49, Code of Federal Regulations, Part 26.

Wages:

The basic hourly rate of pay, any contribution made pursuant to, or cost anticipated to provide, a bona fide fringe benefit plan, fund or program.

**APPENDIX B - DIVERSITY AND ECONOMIC OPPORTUNITY MANUAL (Non-FEDERAL)
SUBMITTAL FORMS**



Metro

SUMMARY OF SMALL BUSINESS ENTERPRISE (SBE) SUBCONTRACT

Reporting Period (Month/Yr) :

Report No:

1) Project Name:		7) MTA Payment this month:	\$	14) Prime Contra
2) Contract No:		8) Total \$ Paid to-date to Prime:	\$	15) Address:
3) Contract Award Date:		9) Total \$ Paid to-date to SBE Subs	\$	16) City, State, Z Code:
4) Original Award Amount	\$	10) Current SBE Attainment:	%	17) Contact Name/Title:
5) Current Contract Value:	\$	11) Current SBE Participation:	%	18) Telephone #
6) Date of last progress paym't rec'd from MTA:		12) SBE Commitment:	%	19) Email Address:
		13) % of project complete:	%	20) Signature:
METROPOLITAN TRANSPORTATION AUTHORITY (LACMTA)		22) DOLLARS PAID THIS MONTH	23) DOLLAR AMOUNT PAID-TO-DATE	24) Activity I.D. Construction Only
21) SUBCONTRACTOR/SUPPLIER				24) TYPE OF WORK PERFORME
NAME		\$	\$	
ADDRESS				
(Area Code) PHONE				
CONTACT				
SUBCONTRACTOR/SUPPLIER #1				
NAME		\$	\$	
ADDRESS				
(Area Code) PHONE				
CONTACT				
SUBCONTRACTOR/SUPPLIER #2				
NAME		\$	\$	
ADDRESS				
(Area Code) PHONE				
CONTACT				
SUBCONTRACTOR/SUPPLIER #3				
Special Instructions:		The Prime shall make prompt payment of all monies due and owed to SBE and non-SBE firms within 10 busi agreement and Prompt Payment Act. Payment of retention shall be made to all SBE and non-SBE subcontr subcontracted work. The Form 103 is due to the Metro by the 15th of each month and should reflect all paym The Prime must report monthly for the life of the contract, even if the sub(s) did not perform any work for the month to: DEODForm103su@metro.net. Also, copy the contract compliance officer.		

REPORTING PERIOD (Month/Year):					
Invoice Payment History Prime Contractor				SBE SUBCONTRACTOR	
				Sub/Supplier #1:	Sub/Supplier #2:
Invoice and Task Order Number (if applicable)	Invoice Date	Invoice Paid Date	Amount Paid	Amount Paid	Amount Paid
			\$	\$	\$
		GRAND TOTAL (paid-to-date)	\$	\$	\$

REPORTING PERIOD (Month/Year):						
				Prime Contractor	SBE SUBCONTRACT	
					Sub/Supplier #1:	Sub/Supplier #2:
Task Order Number	Period of Performance	Award Date	Award Amount	Task Order Amount	Task Order Amount	Task Order Amount
GRAND TOTAL (paid-to-date)				\$	\$	\$

EXHIBIT C

PHOTO ENFORCEMENT CONTRACT PROJECT SCHEDULE

CONTRACT NO. PS68103079

(To be provided by the Contractor 30 days prior to Contract start-date for Metro approval. Upon Metro's approval of the Project Schedule, approved Project Schedule to be inserted under Photo Enforcement Contract Exhibit C.)

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014				2015
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
1	METRO Project Work Plan/ Master Schedule	227.5 days	Fri 11/1/13	Wed 10/1/14					
2	Milestone - Blue Line - SAT Complete	23 days	Mon 2/10/14	Thu 3/13/14					
3	1082 - WB Stockwell @ Willowbrook	0 days	Mon 2/10/14	Mon 2/10/14					2/10
4	1081 - EB Stockwell @ Willowbrook	0 days	Tue 2/11/14	Tue 2/11/14					2/11
5	1052 - WB 130th St @ Willowbrook	0 days	Wed 2/12/14	Wed 2/12/14					2/12
6	1051 - EB 130th St @ Willowbrook	0 days	Thu 2/13/14	Thu 2/13/14					2/13
7	981 - EB 119th St @ Willowbrook	0 days	Mon 2/17/14	Mon 2/17/14					2/17
8	982 - WB 119th St @ Willowbrook	0 days	Tue 2/18/14	Tue 2/18/14					2/18
9	841 - EB 103rd St @ Grandee	0 days	Wed 2/19/14	Wed 2/19/14					2/19
10	821 - EB Century Bl @ Grandee	0 days	Thu 2/20/14	Thu 2/20/14					2/20
11	822 - WB Century Bl @ Grandee	0 days	Mon 2/24/14	Mon 2/24/14					2/24
12	421 - EB Vernon Ave @ Long Beach Ave	0 days	Tue 2/25/14	Tue 2/25/14					2/25
13	322 - WB 20th St @ Long Beach Ave	0 days	Wed 2/26/14	Wed 2/26/14					2/26
14	2018 - WB to SB Washington @ San Pedro	0 days	Thu 2/27/14	Thu 2/27/14					2/27
15	2017 - EB to NB Washington @ San Pedro	0 days	Mon 3/3/14	Mon 3/3/14					3/3
16	2008 - WB to SB Washington @ Los Angeles	0 days	Tue 3/4/14	Tue 3/4/14					3/4
17	2009 - EB to NB Washington @ Los Angeles	0 days	Wed 3/5/14	Wed 3/5/14					3/5
18	2027 - EB to NB Washington @ Broadway	0 days	Thu 3/6/14	Thu 3/6/14					3/6
19	2036 - SB to EB Flower @ 18th St	0 days	Mon 3/10/14	Mon 3/10/14					3/10
20	2046 - SB to EB Flower @ 10 Fwy onramp	0 days	Tue 3/11/14	Tue 3/11/14					3/11
21	2054 - WB Venice @ Flower	0 days	Wed 3/12/14	Wed 3/12/14					3/12
22	2056 - SB to EB Flower @ Venice	0 days	Thu 3/13/14	Thu 3/13/14					3/13
23	Milestone - Orange Line - SAT Complete	28 days	Mon 3/17/14	Thu 4/24/14					
24	1412 - SB De Soto Ave @ Busway	0 days	Mon 3/17/14	Mon 3/17/14					3/17
25	1415 - WB to NB De Soto Ave @ Busway	0 days	Tue 3/18/14	Tue 3/18/14					3/18
26	1402 - SB Mason Ave @ Busway	0 days	Wed 3/19/14	Wed 3/19/14					3/19
27	1405 - WB to NB Mason Ave @ Victory Bl	0 days	Thu 3/20/14	Thu 3/20/14					3/20
28	1392 - SB Reseda Bl @ Busway	0 days	Mon 3/24/14	Mon 3/24/14					3/24
29	1391 - NB Reseda Bl @ Busway	0 days	Tue 3/25/14	Tue 3/25/14					3/25
30	1382 - SB Lindley Ave @ Busway	0 days	Wed 3/26/14	Wed 3/26/14					3/26
31	1385 - WB to NB Lindley Ave & Oxnard St	0 days	Thu 3/27/14	Thu 3/27/14					3/27
32	1372 - SB White Oak Ave @ Busway	0 days	Mon 3/31/14	Mon 3/31/14					3/31
33	1371 - NB White Oak Ave @ Busway	0 days	Tue 4/1/14	Tue 4/1/14					4/1
34	1362 - SB Balboa Bl @ Busway	0 days	Wed 4/2/14	Wed 4/2/14					4/2
36	1361 - NB Balboa Bl @ Busway	0 days	Thu 4/3/14	Thu 4/3/14					4/3
36	1362 - SB Woodley @ Busway	0 days	Mon 4/7/14	Mon 4/7/14					4/7
37	1351 - NB Woodley @ Busway	0 days	Tue 4/8/14	Tue 4/8/14					4/8
38	1342 - SB Sepulveda Bl @ Busway	0 days	Wed 4/9/14	Wed 4/9/14					4/9
39	1341 - NB Sepulveda Bl @ Busway	0 days	Thu 4/10/14	Thu 4/10/14					4/10
40	1332 - SB Kester Ave @ Busway	0 days	Mon 4/14/14	Mon 4/14/14					4/14
41	1331 - NB Kester Ave @ Busway	0 days	Tue 4/15/14	Tue 4/15/14					4/15

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014			2015			
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1
42	1322 - SB Woodman Ave @ Busway	0 days	Wed 4/16/14	Wed 4/16/14				◆ 4/16			
43	1321 - NB Woodman Ave @ Busway	0 days	Thu 4/17/14	Thu 4/17/14				◆ 4/17			
44	1313 - EB Oxnard St @ Buffalo Ave	0 days	Mon 4/21/14	Mon 4/21/14				◆ 4/21			
45	1314 - WB Oxnard St @ Buffalo Ave	0 days	Tue 4/22/14	Tue 4/22/14				◆ 4/22			
46	1302 - SB Tujunga Ave @ Busway	0 days	Wed 4/23/14	Wed 4/23/14				◆ 4/23			
47	1301 - NB Tujunga Ave @ Busway	0 days	Thu 4/24/14	Thu 4/24/14				◆ 4/24			
48	Milestone - Gold Line - SAT Complete	29 days	Mon 4/28/14	Mon 6/9/14				◆			
49	4009 - WB to SB 3rd @ La Verne	0 days	Mon 4/28/14	Mon 4/28/14				◆ 4/28			
50	4007 - EB to NB 3rd @ Civic Center	0 days	Tue 4/29/14	Tue 4/29/14				◆ 4/29			
51	4019 - WB to SB 3rd @ Mednik	0 days	Wed 4/30/14	Wed 4/30/14				◆ 4/30			
52	4017 - EB to NB 3rd @ Mednik	0 days	Thu 5/1/14	Thu 5/1/14				◆ 5/1			
53	4029 - WB to SB 3rd @ Arizona	0 days	Mon 5/5/14	Mon 5/5/14				◆ 5/5			
54	4027 - EB to NB 3rd @ Arizona	0 days	Tue 5/6/14	Tue 5/6/14				◆ 5/6			
55	4039 - WB to SB 3rd @ McDonnell	0 days	Wed 5/7/14	Wed 5/7/14				◆ 5/7			
56	4037 - EB to NB 3rd @ McDonnell	0 days	Thu 5/8/14	Thu 5/8/14				◆ 5/8			
57	4049 - WB to SB 3rd @ Ford	0 days	Mon 5/12/14	Mon 5/12/14				◆ 5/12			
58	4047 - EB to NB 3rd @ Ford	0 days	Tue 5/13/14	Tue 5/13/14				◆ 5/13			
59	4059 - WB to SB 3rd @ Eastern	0 days	Wed 5/14/14	Wed 5/14/14				◆ 5/14			
60	4057 - EB to NB 3rd @ Eastern	0 days	Thu 5/15/14	Thu 5/15/14				◆ 5/15			
61	4069 - WB to SB 3rd @ Downey	0 days	Mon 5/19/14	Mon 5/19/14				◆ 5/19			
62	4079 - WB to SB 3rd @ Gage	0 days	Tue 5/20/14	Tue 5/20/14				◆ 5/20			
63	4077 - EB to NB 3rd @ Gage	0 days	Wed 5/21/14	Wed 5/21/14				◆ 5/21			
64	4083 - EB to NB 3rd @ Rowan	0 days	Thu 5/22/14	Thu 5/22/14				◆ 5/22			
65	4085 - WB to SB 3rd @ Rowan	0 days	Tue 5/27/14	Tue 5/27/14				◆ 5/27			
66	4089 - WB to SB 1st @ Lorena	0 days	Wed 5/28/14	Wed 5/28/14				◆ 5/28			
67	4087 - EB to NB 1st @ Lorena	0 days	Thu 5/29/14	Thu 5/29/14				◆ 5/29			
68	4099 - WE to SB 1st @ Clarence	0 days	Fri 5/30/14	Fri 5/30/14				◆ 5/30			
69	4097 - EB to NB 1st @ Clarence	0 days	Mon 6/2/14	Mon 6/2/14				◆ 6/2			
70	4109 - WB to SB 1st @ Utah	0 days	Tue 6/3/14	Tue 6/3/14				◆ 6/3			
71	4119 - WB to SB 1st @ Anderson	0 days	Wed 6/4/14	Wed 6/4/14				◆ 6/4			
72	4129 - WB to SB 1st @ Mission	0 days	Thu 6/5/14	Thu 6/5/14				◆ 6/5			
73	4127 - EB to NB 1st @ Mission	0 days	Mon 6/9/14	Mon 6/9/14				◆ 6/9			
74	Milestone - Expo Line - SAT Complete	18 days	Tue 6/10/14	Mon 7/7/14				◆			
75	5129 - WB to SB Exposition @ Western	0 days	Tue 6/10/14	Tue 6/10/14				◆ 6/10			
76	5127 - EB to NB Exposition @ Western	0 days	Wed 6/11/14	Wed 6/11/14				◆ 6/11			
77	5119 - WB to SB Exposition @ Denker	0 days	Thu 6/12/14	Thu 6/12/14				◆ 6/12			
78	5117 - EB to NB Exposition @ Halldale	0 days	Mon 6/16/14	Mon 6/16/14				◆ 6/16			
79	5109 - WB to SB Exposition @ Normandie	0 days	Tue 6/17/14	Tue 6/17/14				◆ 6/17			
80	5107 - EB to NB Exposition @ Normandie	0 days	Wed 6/18/14	Wed 6/18/14				◆ 6/18			
81	5089 - WB to SB Exposition @ Vermont	0 days	Thu 6/19/14	Thu 6/19/14				◆ 6/19			
82	5087 - EB to NB Exposition @ Vermont	0 days	Mon 6/23/14	Mon 6/23/14				◆ 6/23			

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
83	5079 - WB to SB Exposition @ Bill Robertson	0 days	Tue 6/24/14	Tue 6/24/14																
84	5077 - EB to NB Exposition @ Watt Way	0 days	Wed 6/25/14	Wed 6/25/14																
85	5068 - SB to EB Flower @ Jefferson	0 days	Thu 6/26/14	Thu 6/26/14																
86	5058 - SB to EB Flower @ 30th	0 days	Mon 6/30/14	Mon 6/30/14																
87	5048 - SB to EB Flower @ 28th	0 days	Tue 7/1/14	Tue 7/1/14																
88	5028 - SB to EB Flower @ 23rd	0 days	Wed 7/2/14	Wed 7/2/14																
89	5018 - SB to WB Flower @ USC Trade Tech	0 days	Thu 7/3/14	Thu 7/3/14																
90	5008 - SB to EB Flower @ Washington	0 days	Mon 7/7/14	Mon 7/7/14																
91	Contract																			
92	Board approves staff selection of Xerox	3 days	Fri 11/1/13	Tue 11/5/13																
93	Contract award	0 days	Fri 11/1/13	Fri 11/1/13																
94	Execute Contract	0 days	Mon 11/4/13	Mon 11/4/13																
95	Notice To Proceed (NTP)	0 days	Tue 11/5/13	Tue 11/5/13																
96	Pre-Installation Tasks																			
97	Kick-Off Meeting (METRO, LASD and Xerox)	84 days	Tue 11/5/13	Thu 3/13/14																
98	Review master project work plan	0.6 days	Thu 11/7/13	Thu 11/7/13																
99	Confirm Metro's photo enforcement locations	0.1 days	Thu 11/7/13	Thu 11/7/13																
100	Review Metro's business rules (finalize changes, if any)	0.1 days	Thu 11/7/13	Thu 11/7/13																
101	Review changes to any notices, letters and processes (do to change in technology and legislation)	0.1 days	Thu 11/7/13	Thu 11/7/13																
102	Provide Metro with Installation Safety Plan (as required)	0.1 days	Thu 11/7/13	Thu 11/7/13																
103	Define Metro's requirements (SBE, Metro Track Allocation safety training, Site Acceptance Test (SAT))	0.1 days	Thu 11/7/13	Thu 11/7/13																
104	Installation Sub-Contractor	16 days	Thu 11/7/13	Tue 12/3/13																
105	Develop and define SOW	1 day	Thu 11/7/13	Fri 11/8/13																
106	Obtain quotes from various sub-contractors (SBE if available)	5 days	Fri 11/8/13	Fri 11/15/13																
107	Select sub-contractor	2 days	Fri 11/15/13	Tue 11/19/13																
108	Develop task order	3 days	Tue 11/19/13	Fri 11/22/13																
109	Execute Subcontractor Agreement and issue NTP (Notice to Proceed)	5 days	Fri 11/22/13	Tue 12/3/13																
110	Stakeholders Kick-Off Meeting (METRO, Xerox, Subs, LADOT, LACDPW, Caltrans, LASD, LASC)	0.5 days	Tue 11/19/13	Wed 11/20/13																
111	Review project work plan with applicable stakeholders	0.2 days	Tue 11/19/13	Tue 11/19/13																
112	Define Project Requirements (Metro Track Allocation safety training, Field Changes, Check-off and System Acceptance forms)	0.1 days	Tue 11/19/13	Tue 11/19/13																
113	Discuss using existing infrastructure (LADOT, Bureau of Street Lighting (BSL))	0.1 days	Tue 11/19/13	Tue 11/19/13																
114	Review Permit Process (Lane Closures, Track Allocation, BSL, etc)	0.1 days	Wed 11/20/13	Wed 11/20/13																
115	Site Surveys	17 days	Thu 11/7/13	Wed 12/4/13																
116	Blue Line - Site Surveys	4 days	Thu 11/7/13	Wed 11/13/13																
117	1082 - WB Stockwell @ Willowbrook	0.2 days	Thu 11/7/13	Thu 11/7/13																
118	1081 - EB Stockwell @ Willowbrook	0.2 days	Thu 11/7/13	Thu 11/7/13																
119	1052 - WB 130th St @ Willowbrook	0.2 days	Thu 11/7/13	Thu 11/7/13																

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014				2015	
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
120	1051 - EB 130th St @ Willowbrook	0.2 days	Thu 11/7/13	Thu 11/7/13						
121	981 - EB 119th St @ Willowbrook	0.2 days	Fri 11/8/13	Fri 11/8/13						
122	982 - WB 119th St @ Willowbrook	0.2 days	Fri 11/8/13	Fri 11/8/13						
123	841 - EB 103rd St @ Grandee	0.2 days	Fri 11/8/13	Fri 11/8/13						
124	821 - EB Century Bl @ Grandee	0.2 days	Fri 11/8/13	Fri 11/8/13						
125	822 - WB Century Bl @ Grandee	0.2 days	Fri 11/8/13	Fri 11/8/13						
126	421 - EB Vernon Ave @ Long Beach Ave	0.2 days	Mon 11/11/13	Mon 11/11/13						
127	322 - WB 20th St @ Long Beach Ave	0.2 days	Mon 11/11/13	Mon 11/11/13						
128	2018 - WB to SB Washington @ San Pedro	0.2 days	Mon 11/11/13	Mon 11/11/13						
129	2017 - EB to NB Washington @ San Pedro	0.2 days	Mon 11/11/13	Mon 11/11/13						
130	2008 - WB to SB Washington @ Los Angeles	0.2 days	Mon 11/11/13	Mon 11/11/13						
131	2003 - EB to NB Washington @ Los Angeles	0.2 days	Tue 11/12/13	Tue 11/12/13						
132	2027 - EB to NB Washington @ Broadway	0.2 days	Tue 11/12/13	Tue 11/12/13						
133	2036 - SB to EB Flower @ 18th St	0.2 days	Tue 11/12/13	Tue 11/12/13						
134	2046 - SB to EB Flower @ 10 Fwy onramp	0.2 days	Tue 11/12/13	Tue 11/12/13						
135	2054 - WB Venice @ Flower	0.2 days	Wed 11/13/13	Wed 11/13/13						
136	2056 - SB to EB Flower @ Venice	4.8 days	Wed 11/13/13	Tue 11/19/13						
Orange Line - Site Surveys										
137	1412 - SB De Soto Ave @ Busway	0.2 days	Wed 11/13/13	Wed 11/13/13						
138	1415 - WB to NB De Soto Ave @ Busway	0.2 days	Wed 11/13/13	Wed 11/13/13						
139	1402 - SB Mason Ave @ Busway	0.2 days	Wed 11/13/13	Wed 11/13/13						
140	1405 - WB to NB Mason Ave @ Victory Bl	0.2 days	Wed 11/13/13	Wed 11/13/13						
141	1392 - SB Reseda Bl @ Busway	0.2 days	Thu 11/14/13	Thu 11/14/13						
142	1391 - NB Reseda Bl @ Busway	0.2 days	Thu 11/14/13	Thu 11/14/13						
143	1382 - SB Lindley Ave @ Busway	0.2 days	Thu 11/14/13	Thu 11/14/13						
144	1385 - WB to NB Lindley Ave & Oxnard St	0.2 days	Thu 11/14/13	Thu 11/14/13						
145	1372 - SB White Oak Ave @ Busway	0.2 days	Thu 11/14/13	Thu 11/14/13						
146	1371 - NB White Oak Ave @ Busway	0.2 days	Thu 11/14/13	Thu 11/14/13						
147	1362 - SB Balboa Bl @ Busway	0.2 days	Fri 11/15/13	Fri 11/15/13						
148	1361 - NB Balboa Bl @ Busway	0.2 days	Fri 11/15/13	Fri 11/15/13						
149	1352 - SB Woodley @ Busway	0.2 days	Fri 11/15/13	Fri 11/15/13						
150	1351 - NB Woodley @ Busway	0.2 days	Fri 11/15/13	Fri 11/15/13						
151	1342 - SB Sepulveda Bl @ Busway	0.2 days	Mon 11/18/13	Mon 11/18/13						
152	1341 - NB Sepulveda Bl @ Busway	0.2 days	Mon 11/18/13	Mon 11/18/13						
153	1332 - SB Kester Ave @ Busway	0.2 days	Mon 11/18/13	Mon 11/18/13						
154	1331 - NB Kester Ave @ Busway	0.2 days	Mon 11/18/13	Mon 11/18/13						
155	1322 - SB Woodman Ave @ Busway	0.2 days	Mon 11/18/13	Mon 11/18/13						
156	1321 - NB Woodman Ave @ Busway	0.2 days	Tue 11/19/13	Tue 11/19/13						
157	1313 - EB Oxnard St @ Buffalo Ave	0.2 days	Tue 11/19/13	Tue 11/19/13						
158	1314 - WB Oxnard St @ Buffalo Ave	0.2 days	Tue 11/19/13	Tue 11/19/13						
159	1302 - SB Tujunga Ave @ Busway	0.2 days	Tue 11/19/13	Tue 11/19/13						
160										

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
161	1301 - NB Tujunga Ave @ Busway	0.2 days	Tue 11/19/13	Tue 11/19/13																
162	Gold Line - Site Surveys	5 days	Wed 11/20/13	Tue 11/26/13																
163	4009 - WB to SB 3rd @ La Verne	0.2 days	Wed 11/20/13	Wed 11/20/13																
164	4007 - EB to NB 3rd @ Civic Center	0.2 days	Wed 11/20/13	Wed 11/20/13																
165	4019 - WB to SB 3rd @ Mednik	0.2 days	Wed 11/20/13	Wed 11/20/13																
166	4017 - EB to NB 3rd @ Mednik	0.2 days	Wed 11/20/13	Wed 11/20/13																
167	4029 - WB to SB 3rd @ Arizona	0.2 days	Wed 11/20/13	Wed 11/20/13																
168	4027 - EB to NB 3rd @ Arizona	0.2 days	Thu 11/21/13	Thu 11/21/13																
169	4039 - WB to SB 3rd @ McDonnell	0.2 days	Thu 11/21/13	Thu 11/21/13																
170	4037 - EB to NB 3rd @ McDonnell	0.2 days	Thu 11/21/13	Thu 11/21/13																
171	4049 - WB to SB 3rd @ Ford	0.2 days	Thu 11/21/13	Thu 11/21/13																
172	4047 - EB to NB 3rd @ Ford	0.2 days	Thu 11/21/13	Thu 11/21/13																
173	4059 - WB to SB 3rd @ Eastern	0.2 days	Fri 11/22/13	Fri 11/22/13																
174	4057 - EB to NB 3rd @ Eastern	0.2 days	Fri 11/22/13	Fri 11/22/13																
175	4069 - WB to SB 3rd @ Downey	0.2 days	Fri 11/22/13	Fri 11/22/13																
176	4079 - WB to SB 3rd @ Gage	0.2 days	Fri 11/22/13	Fri 11/22/13																
177	4077 - EB to NB 3rd @ Gage	0.2 days	Fri 11/22/13	Fri 11/22/13																
178	4083 - EB to NB 3rd @ Rowan	0.2 days	Mon 11/25/13	Mon 11/25/13																
179	4085 - WB to SB 3rd @ Rowan	0.2 days	Mon 11/25/13	Mon 11/25/13																
180	4089 - WB to SB 1st @ Lorena	0.2 days	Mon 11/25/13	Mon 11/25/13																
181	4087 - EB to NB 1st @ Lorena	0.2 days	Mon 11/25/13	Mon 11/25/13																
182	4099 - WE to SB 1st @ Clarence	0.2 days	Mon 11/25/13	Mon 11/25/13																
183	4097 - EB to NB 1st @ Clarence	0.2 days	Tue 11/26/13	Tue 11/26/13																
184	4109 - WB to SB 1st @ Utah	0.2 days	Tue 11/26/13	Tue 11/26/13																
185	4119 - WB to SB 1st @ Anderson	0.2 days	Tue 11/26/13	Tue 11/26/13																
186	4129 - WB to SB 1st @ Mission	0.2 days	Tue 11/26/13	Tue 11/26/13																
187	4127 - EB to NB 1st @ Mission	0.2 days	Tue 11/26/13	Tue 11/26/13																
188	Expo Line - Site Surveys	3.2 days	Wed 11/27/13	Wed 12/4/13																
189	5129 - WB to SB Exposition @ Western	0.2 days	Wed 11/27/13	Wed 11/27/13																
190	5127 - EB to NB Exposition @ Western	0.2 days	Wed 11/27/13	Wed 11/27/13																
191	5119 - WB to SB Exposition @ Denker	0.2 days	Wed 11/27/13	Wed 11/27/13																
192	5117 - EB to NB Exposition @ Halldale	0.2 days	Wed 11/27/13	Wed 11/27/13																
193	5109 - WB to SB Exposition @ Normandie	0.2 days	Wed 11/27/13	Wed 11/27/13																
194	5107 - EB to NB Exposition @ Normandie	0.2 days	Mon 12/2/13	Mon 12/2/13																
195	5099 - WB to SB Exposition @ Vermont	0.2 days	Mon 12/2/13	Mon 12/2/13																
196	5087 - EB to NB Exposition @ Vermont	0.2 days	Mon 12/2/13	Mon 12/2/13																
197	5079 - WB to SB Exposition @ Bill Robertson	0.2 days	Mon 12/2/13	Mon 12/2/13																
198	5077 - EB to NB Exposition @ Watt Way	0.2 days	Mon 12/2/13	Mon 12/2/13																
199	5068 - SB to EB Flower @ Jefferson	0.2 days	Tue 12/3/13	Tue 12/3/13																
200	5066 - SB to EB Flower @ 30th	0.2 days	Tue 12/3/13	Tue 12/3/13																
201	5048 - SB to EB Flower @ 28th	0.2 days	Tue 12/3/13	Tue 12/3/13																

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014				2015	
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
202	5028 - SB to EB Flower at 23rd	0.2 days	Tue 12/3/13	Tue 12/3/13						
203	5018 - SB to WB Flower @ USC Trade Tech	0.2 days	Tue 12/3/13	Tue 12/3/13						
204	5008 - SB to EB Flower @ Washington	0.2 days	Wed 12/4/13	Wed 12/4/13						
205	Permits	11 days	Wed 11/20/13	Mon 12/9/13						
206	Submit Lane Closure Permit Application	1 day	Wed 11/20/13	Thu 11/21/13						
207	Receive Lane Closure Permits	10 days	Thu 11/21/13	Mon 12/9/13						
208	Permission to use City Infrastructure	11 days	Wed 11/20/13	Mon 12/9/13						
209	Submit request	1 day	Wed 11/20/13	Thu 11/21/13						
210	Received formal approval	10 days	Thu 11/21/13	Mon 12/9/13						
211	Metro Track Allocation Work Permit	11 days	Wed 11/20/13	Mon 12/9/13						
212	Submitted Track allocation request	1 day	Wed 11/20/13	Thu 11/21/13						
213	Receive Approval	10 days	Thu 11/21/13	Mon 12/9/13						
214	Procurement	44 days	Tue 11/5/13	Thu 11/5/13						
215	Send Project BOM to Procurement (All Camera Equipment/ Components, Poles, Communication Hardware etc)	3 days	Wed 11/6/13	Fri 11/8/13						
216	Procurement Issues PO and Places All orders	30 days	Mon 11/11/13	Thu 12/12/14						
217	All Orders Received and inventoried (All Camera Equipment/ Components, Communication Hardware etc)	40 days	Mon 11/11/13	Thu 11/18/14						
218	Pole Orders Received	50 days	Fri 1/3/14	Thu 3/13/14						
219	Equipment Assembly and Pre-Testing	5 days	Fri 1/3/14	Thu 1/9/14						
220	Flash Units are Assemble	15 days	Fri 1/10/14	Thu 1/30/14						
221	Blue Line	10 days	Fri 1/10/14	Thu 1/23/14						
222	Camera Systems are pre-tested	5 days	Fri 1/24/14	Thu 1/30/14						
223	All equipment is shipped to Sub-Contractor ready for installation	15 days	Fri 1/24/14	Thu 2/13/14						
224	Orange Line	10 days	Fri 1/24/14	Thu 2/6/14						
225	Camera Systems are pre-tested	5 days	Fri 2/7/14	Thu 2/13/14						
226	All equipment is shipped to Sub-Contractor ready for installation	15 days	Fri 2/7/14	Thu 2/27/14						
227	Gold Line	10 days	Fri 2/7/14	Thu 2/27/14						
228	Camera Systems are pre-tested	5 days	Fri 2/21/14	Thu 2/27/14						
229	All equipment is shipped to Sub-Contractor ready for installation	15 days	Fri 2/21/14	Thu 3/13/14						
230	Expo Line	10 days	Fri 2/21/14	Thu 3/6/14						
231	Camera Systems are pre-tested	5 days	Fri 3/7/14	Thu 3/13/14						
232	All equipment is shipped to Sub-Contractor ready for installation	143.15 days	Thu 11/7/13	Tue 6/10/14						
233	Blue Line	5 days	Fri 1/31/14	Thu 2/6/14						
234	Film Camera Equipment Removal	0.25 days	Fri 1/31/14	Fri 1/31/14						
235	1082 - WB Stockwell @ Willowbrook	0.25 days	Fri 1/31/14	Fri 1/31/14						
236	1081 - EB Stockwell @ Willowbrook	0.25 days	Fri 1/31/14	Fri 1/31/14						
237	1052 - WB 130th St @ Willowbrook	0.25 days	Fri 1/31/14	Fri 1/31/14						
238	1051 - EB 130th St @ Willowbrook	0.25 days	Fri 1/31/14	Fri 1/31/14						
239	981 - EB 119th St @ Willowbrook	0.25 days	Mon 2/3/14	Mon 2/3/14						
240	982 - WB 119th St @ Willowbrook	0.25 days	Mon 2/3/14	Mon 2/3/14						

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014				2015										
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4					
241	841 - EB 103rd St @ Grandee	0.25 days	Mon 2/3/14	Mon 2/3/14															
242	821 - EB Century Bl @ Grandee	0.25 days	Mon 2/3/14	Mon 2/3/14															
243	822 - WB Century Bl @ Grandee	0.25 days	Tue 2/4/14	Tue 2/4/14															
244	421 - EB Vernon Ave @ Long Beach Ave	0.25 days	Tue 2/4/14	Tue 2/4/14															
245	322 - WB 20th St @ Long Beach Ave	0.25 days	Tue 2/4/14	Tue 2/4/14															
246	2018 - WB to SB Washington @ San Pedro	0.25 days	Wed 2/5/14	Wed 2/5/14															
247	2017 - EB to NB Washington @ San Pedro	0.25 days	Wed 2/5/14	Wed 2/5/14															
248	2008 - WB to SB Washington @ Los Angeles	0.25 days	Wed 2/5/14	Wed 2/5/14															
249	2003 - EB to NB Washington @ Los Angeles	0.25 days	Wed 2/5/14	Wed 2/5/14															
250	2027 - EB to NB Washington @ Broadway	0.25 days	Wed 2/5/14	Wed 2/5/14															
251	2036 - SB to EB Flower @ 18th St	0.25 days	Thu 2/6/14	Thu 2/6/14															
252	2046 - SB to EB Flower @ 10 Fwy onramp	0.25 days	Thu 2/6/14	Thu 2/6/14															
253	2054 - WB Venice @ Flower	0.25 days	Thu 2/6/14	Thu 2/6/14															
254	2056 - SB to EB Flower @ Venice	0.25 days	Thu 2/6/14	Thu 2/6/14															
255	Motorized Pole Removal (Ensure remaining infrastructure is useable and safe)	5 days	Fri 1/31/14	Thu 2/6/14															
256	1082 - WB Stockwell @ Willowbrook	0.25 days	Fri 1/31/14	Fri 1/31/14															
257	1081 - EB Stockwell @ Willowbrook	0.25 days	Fri 1/31/14	Fri 1/31/14															
258	1052 - WB 130th St @ Willowbrook	0.25 days	Fri 1/31/14	Fri 1/31/14															
259	1051 - EB 130th St @ Willowbrook	0.25 days	Fri 1/31/14	Fri 1/31/14															
260	981 - EB 119th St @ Willowbrook	0.25 days	Mon 2/3/14	Mon 2/3/14															
261	982 - WB 119th St @ Willowbrook	0.25 days	Mon 2/3/14	Mon 2/3/14															
262	841 - EB 103rd St @ Grandee	0.25 days	Mon 2/3/14	Mon 2/3/14															
263	821 - EB Century Bl @ Grandee	0.25 days	Mon 2/3/14	Mon 2/3/14															
264	822 - WB Century Bl @ Grandee	0.25 days	Mon 2/3/14	Mon 2/3/14															
265	421 - EB Vernon Ave @ Long Beach Ave	0.25 days	Tue 2/4/14	Tue 2/4/14															
266	322 - WB 20th St @ Long Beach Ave	0.25 days	Tue 2/4/14	Tue 2/4/14															
267	2018 - WB to SB Washington @ San Pedro	0.25 days	Tue 2/4/14	Tue 2/4/14															
268	2017 - EB to NB Washington @ San Pedro	0.25 days	Tue 2/4/14	Tue 2/4/14															
269	2008 - WB to SB Washington @ Los Angeles	0.25 days	Wed 2/5/14	Wed 2/5/14															
270	2003 - EB to NB Washington @ Los Angeles	0.25 days	Wed 2/5/14	Wed 2/5/14															
271	2027 - EB to NB Washington @ Broadway	0.25 days	Wed 2/5/14	Wed 2/5/14															
272	2036 - SB to EB Flower @ 18th St	0.25 days	Thu 2/6/14	Thu 2/6/14															
273	2046 - SB to EB Flower @ 10 Fwy onramp	0.25 days	Thu 2/6/14	Thu 2/6/14															
274	2054 - WB Venice @ Flower	0.25 days	Thu 2/6/14	Thu 2/6/14															
275	2056 - SB to EB Flower @ Venice	0.25 days	Thu 2/6/14	Thu 2/6/14															
276	Equipment Installation	20 days	Mon 2/3/14	Fri 2/28/14															
277	1082 - WB Stockwell @ Willowbrook	1 day	Mon 2/3/14	Mon 2/3/14															
278	Install Camera Equipment and Flash Units	0.25 days	Mon 2/3/14	Mon 2/3/14															
279	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 2/3/14	Mon 2/3/14															

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1									
280	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 2/3/14	Mon 2/3/14																
281	1081 - EB Stockwell @ Willowbrook	1 day	Tue 2/4/14	Tue 2/4/14																
282	Install Camera Equipment and Flash Units	0.25 days	Tue 2/4/14	Tue 2/4/14																
283	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 2/4/14	Tue 2/4/14																
284	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 2/4/14	Tue 2/4/14																
285	1052 - WB 130th St @ Willowbrook	1 day	Wed 2/5/14	Wed 2/5/14																
286	Install Camera Equipment and Flash Units	0.25 days	Wed 2/5/14	Wed 2/5/14																
287	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 2/5/14	Wed 2/5/14																
288	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 2/5/14	Wed 2/5/14																
289	1051 - EB 130th St @ Willowbrook	1 day	Thu 2/6/14	Thu 2/6/14																
290	Install Camera Equipment and Flash Units	0.25 days	Thu 2/6/14	Thu 2/6/14																
291	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 2/6/14	Thu 2/6/14																
292	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 2/6/14	Thu 2/6/14																
293	981 - EB 119th St @ Willowbrook	1 day	Fri 2/7/14	Fri 2/7/14																
294	Install Camera Equipment and Flash Units	0.25 days	Fri 2/7/14	Fri 2/7/14																
295	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 2/7/14	Fri 2/7/14																
296	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 2/7/14	Fri 2/7/14																
297	982 - WB 119th St @ Willowbrook	1 day	Mon 2/10/14	Mon 2/10/14																
298	Install Camera Equipment and Flash Units	0.25 days	Mon 2/10/14	Mon 2/10/14																
299	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 2/10/14	Mon 2/10/14																
300	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 2/10/14	Mon 2/10/14																
301	841 - EB 103rd St @ Grandee	1 day	Tue 2/11/14	Tue 2/11/14																
302	Install Camera Equipment and Flash Units	0.25 days	Tue 2/11/14	Tue 2/11/14																
303	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 2/11/14	Tue 2/11/14																
304	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 2/11/14	Tue 2/11/14																
305	821 - EB Century BI @ Grandee	1 day	Wed 2/12/14	Wed 2/12/14																
306	Install Camera Equipment and Flash Units	0.25 days	Wed 2/12/14	Wed 2/12/14																
307	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 2/12/14	Wed 2/12/14																
308	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 2/12/14	Wed 2/12/14																
309	822 - WB Century BI @ Grandee	1 day	Thu 2/13/14	Thu 2/13/14																
310	Install Camera Equipment and Flash Units	0.25 days	Thu 2/13/14	Thu 2/13/14																
311	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 2/13/14	Thu 2/13/14																
312	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 2/13/14	Thu 2/13/14																
313	421 - EB Vernon Ave @ Long Beach Ave	1 day	Fri 2/14/14	Fri 2/14/14																
314	Install Camera Equipment and Flash Units	0.25 days	Fri 2/14/14	Fri 2/14/14																

Metro Photo Enforcement Program
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ID	Task Name	Duration	Start	Finish	2014				2015														
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4									
315	Install interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 2/14/14	Fri 2/14/14																			
316	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 2/14/14	Fri 2/14/14																			
317	322 - WB 20th St @ Long Beach Ave	1 day	Mon 2/17/14	Mon 2/17/14																			
318	Install Camera Equipment and Flash Units	0.25 days	Mon 2/17/14	Mon 2/17/14																			
319	Install interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 2/17/14	Mon 2/17/14																			
320	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 2/17/14	Mon 2/17/14																			
321	2018 - WB to SB Washington @ San Pedro	1 day	Tue 2/18/14	Tue 2/18/14																			
322	Install Camera Equipment and Flash Units	0.25 days	Tue 2/18/14	Tue 2/18/14																			
323	Install interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 2/18/14	Tue 2/18/14																			
324	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 2/18/14	Tue 2/18/14																			
325	2017 - EB to NB Washington @ San Pedro	1 day	Wed 2/19/14	Wed 2/19/14																			
326	Install Camera Equipment and Flash Units	0.25 days	Wed 2/19/14	Wed 2/19/14																			
327	Install interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 2/19/14	Wed 2/19/14																			
328	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 2/19/14	Wed 2/19/14																			
329	2008 - WB to SB Washington @ Los Angeles	1 day	Thu 2/20/14	Thu 2/20/14																			
330	Install Camera Equipment and Flash Units	0.25 days	Thu 2/20/14	Thu 2/20/14																			
331	Install interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 2/20/14	Thu 2/20/14																			
332	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 2/20/14	Thu 2/20/14																			
333	2003 - EB to NB Washington @ Los Angeles	1 day	Fri 2/21/14	Fri 2/21/14																			
334	Install Camera Equipment and Flash Units	0.25 days	Fri 2/21/14	Fri 2/21/14																			
335	Install interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 2/21/14	Fri 2/21/14																			
336	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 2/21/14	Fri 2/21/14																			
337	2027 - EB to NB Washington @ Broadway	1 day	Mon 2/24/14	Mon 2/24/14																			
338	Install Camera Equipment and Flash Units	0.25 days	Mon 2/24/14	Mon 2/24/14																			
339	Install interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 2/24/14	Mon 2/24/14																			
340	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 2/24/14	Mon 2/24/14																			
341	2036 - SB to EB Flower @ 18th St	1 day	Tue 2/25/14	Tue 2/25/14																			
342	Install Camera Equipment and Flash Units	0.25 days	Tue 2/25/14	Tue 2/25/14																			
343	Install interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 2/25/14	Tue 2/25/14																			
344	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 2/25/14	Tue 2/25/14																			
345	2046 - SB to EB Flower @ 10 Fwy onramp	1 day	Wed 2/26/14	Wed 2/26/14																			
346	Install Camera Equipment and Flash Units	0.25 days	Wed 2/26/14	Wed 2/26/14																			
347	Install interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 2/26/14	Wed 2/26/14																			
348	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 2/26/14	Wed 2/26/14																			
349	2054 - WB Venice @ Flower	1 day	Thu 2/27/14	Thu 2/27/14																			

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
349	Install Camera Equipment and Flash Units	0.25 days	Thu 2/27/14	Thu 2/27/14																
351	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 2/27/14	Thu 2/27/14																
352	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 2/27/14	Thu 2/27/14																
353	2056 - SB to EB Flower @ Venice	1 day	Fri 2/28/14	Fri 2/28/14																
354	Install Camera Equipment and Flash Units	0.25 days	Fri 2/28/14	Fri 2/28/14																
355	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 2/28/14	Fri 2/28/14																
356	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 2/28/14	Fri 2/28/14																
357	Installation Check-Off	19.5 days	Mon 2/3/14	Fri 2/28/14																
358	1082 - WB Stockwell @ Willowbrook	0.5 days	Mon 2/3/14	Mon 2/3/14																
359	Construction Manager Check-Off (Check List)	0.5 days	Mon 2/3/14	Mon 2/3/14																
360	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 2/3/14	Mon 2/3/14																
361	1081 - EB Stockwell @ Willowbrook	0.5 days	Mon 2/3/14	Mon 2/3/14																
362	Construction Manager Check-Off (Check List)	0.5 days	Tue 2/4/14	Tue 2/4/14																
363	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 2/4/14	Tue 2/4/14																
364	1052 - WB 130th St @ Willowbrook	0.5 days	Tue 2/4/14	Tue 2/4/14																
365	Construction Manager Check-Off (Check List)	0.5 days	Wed 2/5/14	Wed 2/5/14																
366	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 2/5/14	Wed 2/5/14																
367	1051 - EB 130th St @ Willowbrook	0.5 days	Wed 2/5/14	Wed 2/5/14																
368	Construction Manager Check-Off (Check List)	0.5 days	Thu 2/6/14	Thu 2/6/14																
369	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 2/6/14	Thu 2/6/14																
370	981 - EB 119th St @ Willowbrook	0.5 days	Thu 2/6/14	Thu 2/6/14																
371	Construction Manager Check-Off (Check List)	0.5 days	Fri 2/7/14	Fri 2/7/14																
372	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 2/7/14	Fri 2/7/14																
373	982 - WB 119th St @ Willowbrook	0.5 days	Fri 2/7/14	Fri 2/7/14																
374	Construction Manager Check-Off (Check List)	0.5 days	Mon 2/10/14	Mon 2/10/14																
375	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 2/10/14	Mon 2/10/14																
376	841 - EB 103rd St @ Grandee	0.5 days	Mon 2/10/14	Mon 2/10/14																
377	Construction Manager Check-Off (Check List)	0.5 days	Tue 2/11/14	Tue 2/11/14																
378	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 2/11/14	Tue 2/11/14																
379	821 - EB Century Bl @ Grandee	0.5 days	Tue 2/11/14	Tue 2/11/14																
380	Construction Manager Check-Off (Check List)	0.5 days	Wed 2/12/14	Wed 2/12/14																
381	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 2/12/14	Wed 2/12/14																
382	822 - WB Century Bl @ Grandee	0.5 days	Wed 2/12/14	Wed 2/12/14																
383	Construction Manager Check-Off (Check List)	0.5 days	Thu 2/13/14	Thu 2/13/14																
384	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 2/13/14	Thu 2/13/14																
385	421 - EB Vernon Ave @ Long Beach Ave	0.5 days	Thu 2/13/14	Thu 2/13/14																
386	Construction Manager Check-Off (Check List)	0.5 days	Fri 2/14/14	Fri 2/14/14																
387	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 2/14/14	Fri 2/14/14																
388	322 - WB 20th St @ Long Beach Ave	0.5 days	Mon 2/17/14	Mon 2/17/14																

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ID	Task Name	Duration	Start	Finish	2014				2015	
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
389	Construction Manager Check-Off (Check List)	0.5 days	Mon 2/17/14	Mon 2/17/14			I			
390	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 2/17/14	Mon 2/17/14			I			
391	2018 - WB to SB Washington @ San Pedro	0.5 days	Tue 2/18/14	Tue 2/18/14			I			
392	Construction Manager Check-Off (Check List)	0.5 days	Tue 2/18/14	Tue 2/18/14			I			
393	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 2/18/14	Tue 2/18/14			I			
394	2017 - EB to NB Washington @ San Pedro	0.5 days	Wed 2/19/14	Wed 2/19/14			I			
395	Construction Manager Check-Off (Check List)	0.5 days	Wed 2/19/14	Wed 2/19/14			I			
396	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 2/19/14	Wed 2/19/14			I			
397	2008 - WB to SB Washington @ Los Angeles	0.5 days	Thu 2/20/14	Thu 2/20/14			I			
398	Construction Manager Check-Off (Check List)	0.5 days	Thu 2/20/14	Thu 2/20/14			I			
399	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 2/20/14	Thu 2/20/14			I			
400	2003 - EB to NB Washington @ Los Angeles	0.5 days	Fri 2/21/14	Fri 2/21/14			I			
401	Construction Manager Check-Off (Check List)	0.5 days	Fri 2/21/14	Fri 2/21/14			I			
402	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 2/21/14	Fri 2/21/14			I			
403	2027 - EB to NB Washington @ Broadway	0.5 days	Mon 2/24/14	Mon 2/24/14			I			
404	Construction Manager Check-Off (Check List)	0.5 days	Mon 2/24/14	Mon 2/24/14			I			
405	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 2/24/14	Mon 2/24/14			I			
406	2036 - SB to EB Flower @ 18th St	0.5 days	Tue 2/25/14	Tue 2/25/14			I			
407	Construction Manager Check-Off (Check List)	0.5 days	Tue 2/25/14	Tue 2/25/14			I			
408	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 2/25/14	Tue 2/25/14			I			
409	2046 - SB to EB Flower @ 10 Fwy onramp	0.5 days	Wed 2/26/14	Wed 2/26/14			I			
410	Construction Manager Check-Off (Check List)	0.5 days	Wed 2/26/14	Wed 2/26/14			I			
411	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 2/26/14	Wed 2/26/14			I			
412	2054 - WB Venice @ Flower	0.5 days	Thu 2/27/14	Thu 2/27/14			I			
413	Construction Manager Check-Off (Check List)	0.5 days	Thu 2/27/14	Thu 2/27/14			I			
414	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 2/27/14	Thu 2/27/14			I			
415	2056 - SB to EB Flower @ Venice	0.5 days	Fri 2/28/14	Fri 2/28/14			I			
416	Construction Manager Check-Off (Check List)	0.5 days	Fri 2/28/14	Fri 2/28/14			I			
417	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 2/28/14	Fri 2/28/14			I			
418	Communications Installation	74.4 days	Thu 11/7/13	Tue 3/4/14						
419	1082 - WB Stockwell @ Willowbrook	55.4 days	Thu 11/7/13	Wed 2/5/14						
420	Provide Communications Engineer with Location Name, Description, Location Code of approaches IP Log is created and distribute on SharePoint Apply for New Comms Service Application Processed by Service Provider / Approval Modem Installation Router Installation Program Camera with data center IP Scheme Test Connectivity with data center	1 day	Thu 11/7/13	Fri 1/8/14						
421		1 day	Fri 11/8/13	Mon 11/11/13						
422		1 day	Mon 11/11/13	Tue 11/12/13						
423		15 days	Tue 11/12/13	Thu 12/5/13						
424		0.5 days	Tue 2/4/14	Tue 2/4/14						
425		0.5 days	Tue 2/4/14	Tue 2/4/14						
426		0.5 days	Wed 2/5/14	Wed 2/5/14						
427		0.5 days	Wed 2/5/14	Wed 2/5/14						
428	1081 - EB Stockwell @ Willowbrook	56.4 days	Thu 11/7/13	Thu 2/6/14						

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ID	Task Name	Duration	Start	Finish	2014				2015						
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4					
429	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13											
430	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13											
431	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13											
432	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13											
433	Modern Installation	0.5 days	Wed 2/5/14	Wed 2/5/14											
434	Router Installation	0.5 days	Wed 2/5/14	Wed 2/5/14											
435	Program Camera with data center IP Scheme	0.5 days	Thu 2/6/14	Thu 2/6/14											
436	Test Connectivity with data center	0.5 days	Thu 2/6/14	Thu 2/6/14											
437	1052 - WB 130th St @ Willowbrook	57.4 days	Thu 11/7/13	Fri 2/7/14											
438	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13											
439	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13											
440	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13											
441	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13											
442	Modern Installation	0.5 days	Thu 2/6/14	Thu 2/6/14											
443	Router Installation	0.5 days	Thu 2/6/14	Thu 2/6/14											
444	Program Camera with data center IP Scheme	0.5 days	Fri 2/7/14	Fri 2/7/14											
445	Test Connectivity with data center	0.5 days	Fri 2/7/14	Fri 2/7/14											
446	1051 - EB 130th St @ Willowbrook	58.4 days	Thu 11/7/13	Mon 2/10/14											
447	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13											
448	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13											
449	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13											
450	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13											
451	Modern Installation	0.5 days	Fri 2/7/14	Fri 2/7/14											
452	Router Installation	0.5 days	Fri 2/7/14	Fri 2/7/14											
453	Program Camera with data center IP Scheme	0.5 days	Mon 2/10/14	Mon 2/10/14											
454	Test Connectivity with data center	0.5 days	Mon 2/10/14	Mon 2/10/14											
455	981 - EB 119th St @ Willowbrook	59.4 days	Thu 11/7/13	Tue 2/11/14											
456	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13											
457	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13											
458	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13											
459	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13											
460	Modern Installation	0.5 days	Mon 2/10/14	Mon 2/10/14											
461	Router Installation	0.5 days	Mon 2/10/14	Mon 2/10/14											
462	Program Camera with data center IP Scheme	0.5 days	Tue 2/11/14	Tue 2/11/14											
463	Test Connectivity with data center	0.5 days	Tue 2/11/14	Tue 2/11/14											
464	982 - WB 119th St @ Willowbrook	60.4 days	Thu 11/7/13	Wed 2/12/14											
465	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13											

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ID	Task Name	Duration	Start	Finish	2014				2015										
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2							
466	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
467	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13															
468	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13															
469	Modem Installation	0.5 days	Tue 2/11/14	Tue 2/11/14															
470	Router Installation	0.5 days	Tue 2/11/14	Tue 2/11/14															
471	Program Camera with data center IP Scheme	0.5 days	Wed 2/12/14	Wed 2/12/14															
472	Test Connectivity with data center	0.5 days	Wed 2/12/14	Wed 2/12/14															
473	841 - EB 103rd St @ Grandee	61.4 days	Thu 11/7/13	Thu 2/13/14															
474	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
475	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
476	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13															
477	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13															
478	Modem Installation	0.5 days	Wed 2/12/14	Wed 2/12/14															
479	Router Installation	0.5 days	Wed 2/12/14	Wed 2/12/14															
480	Program Camera with data center IP Scheme	0.5 days	Thu 2/13/14	Thu 2/13/14															
481	Test Connectivity with data center	0.5 days	Thu 2/13/14	Thu 2/13/14															
482	821 - EB Century Bl @ Grandee	62.4 days	Thu 11/7/13	Fri 2/14/14															
483	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
484	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
485	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13															
486	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13															
487	Modem Installation	0.5 days	Thu 2/13/14	Thu 2/13/14															
488	Router Installation	0.5 days	Thu 2/13/14	Thu 2/13/14															
489	Program Camera with data center IP Scheme	0.5 days	Fri 2/14/14	Fri 2/14/14															
490	Test Connectivity with data center	0.5 days	Fri 2/14/14	Fri 2/14/14															
491	822 - WB Century Bl @ Grandee	63.4 days	Fri 2/14/14	Mon 2/17/14															
492	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
493	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
494	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13															
495	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13															
496	Modem Installation	0.5 days	Fri 2/14/14	Fri 2/14/14															
497	Router Installation	0.5 days	Fri 2/14/14	Fri 2/14/14															
498	Program Camera with data center IP Scheme	0.5 days	Mon 2/17/14	Mon 2/17/14															
499	Test Connectivity with data center	0.5 days	Mon 2/17/14	Mon 2/17/14															
500	821 - EB Vernon Ave @ Long Beach Ave	64.4 days	Thu 11/7/13	Tue 2/18/14															
501	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
502	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
503	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13															

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ID	Task Name	Duration	Start	Finish	2014				2015										
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2							
504	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13															
505	Modem Installation	0.5 days	Mon 2/17/14	Mon 2/17/14															
506	Router Installation	0.5 days	Mon 2/17/14	Mon 2/17/14															
507	Program Camera with data center IP Scheme	0.5 days	Tue 2/18/14	Tue 2/18/14															
508	Test Connectivity with data center	0.5 days	Tue 2/18/14	Tue 2/18/14															
509	322 - WB 20th St @ Long Beach Ave	66.4 days	Thu 11/7/13	Wed 2/19/14															
510	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
511	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
512	Apply for New Comms Service	15 days	Mon 11/11/13	Tue 11/12/13															
513	Application Processed by Service Provider / Approval	0.5 days	Tue 11/12/13	Thu 12/5/13															
514	Modem Installation	0.5 days	Tue 2/18/14	Tue 2/18/14															
515	Router Installation	0.5 days	Tue 2/18/14	Tue 2/18/14															
516	Program Camera with data center IP Scheme	0.5 days	Wed 2/19/14	Wed 2/19/14															
517	Test Connectivity with data center	0.5 days	Wed 2/19/14	Wed 2/19/14															
518	2018 - WB to SB Washington @ San Pedro	66.4 days	Thu 11/7/13	Thu 2/20/14															
519	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
520	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
521	Apply for New Comms Service	15 days	Mon 11/11/13	Tue 11/12/13															
522	Application Processed by Service Provider / Approval	0.5 days	Tue 11/12/13	Thu 12/5/13															
523	Modem Installation	0.5 days	Wed 2/19/14	Wed 2/19/14															
524	Router Installation	0.5 days	Wed 2/19/14	Wed 2/19/14															
525	Program Camera with data center IP Scheme	0.5 days	Thu 2/20/14	Thu 2/20/14															
526	Test Connectivity with data center	0.5 days	Thu 2/20/14	Thu 2/20/14															
527	2017 - EB to NB Washington @ San Pedro	67.4 days	Thu 11/7/13	Fri 2/21/14															
528	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
529	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
530	Apply for New Comms Service	15 days	Mon 11/11/13	Tue 11/12/13															
531	Application Processed by Service Provider / Approval	0.5 days	Tue 11/12/13	Thu 12/5/13															
532	Modem Installation	0.5 days	Thu 2/20/14	Thu 2/20/14															
533	Router Installation	0.5 days	Thu 2/20/14	Thu 2/20/14															
534	Program Camera with data center IP Scheme	0.5 days	Fri 2/21/14	Fri 2/21/14															
535	Test Connectivity with data center	0.5 days	Fri 2/21/14	Fri 2/21/14															
536	2008 - WB to SB Washington @ Los Angeles	68.4 days	Thu 11/7/13	Mon 2/24/14															
537	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
538	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
539	Apply for New Comms Service	15 days	Mon 11/11/13	Tue 11/12/13															
540	Application Processed by Service Provider / Approval	0.5 days	Tue 11/12/13	Thu 12/5/13															
541	Modem Installation	0.5 days	Fri 2/21/14	Fri 2/21/14															

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2								
542	Router Installation	0.5 days	Fri 2/21/14	Fri 2/21/14																
543	Program Camera with data center IP Scheme	0.5 days	Mon 2/24/14	Mon 2/24/14																
544	Test Connectivity with data center	0.5 days	Mon 2/24/14	Mon 2/24/14																
545	2003 - EB to NB Washington @ Los Angeles	69.4 days	Thu 11/7/13	Tue 2/25/14																
546	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
547	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
548	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
549	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
550	Modem Installation	0.5 days	Mon 2/24/14	Mon 2/24/14																
551	Router Installation	0.5 days	Mon 2/24/14	Mon 2/24/14																
552	Program Camera with data center IP Scheme	0.5 days	Tue 2/25/14	Tue 2/25/14																
553	Test Connectivity with data center	0.5 days	Tue 2/25/14	Tue 2/25/14																
554	2027 - EB to NB Washington @ Broadway	70.4 days	Thu 11/7/13	Wed 2/26/14																
555	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
556	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
557	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
558	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
559	Modem Installation	0.5 days	Tue 2/25/14	Tue 2/25/14																
560	Router Installation	0.5 days	Tue 2/25/14	Tue 2/25/14																
561	Program Camera with data center IP Scheme	0.5 days	Wed 2/26/14	Wed 2/26/14																
562	Test Connectivity with data center	0.5 days	Wed 2/26/14	Wed 2/26/14																
563	2036 - SB to EB Flower @ 18th St	71.4 days	Thu 11/7/13	Thu 2/27/14																
564	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
565	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
566	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
567	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
568	Modem Installation	0.5 days	Wed 2/26/14	Wed 2/26/14																
569	Router Installation	0.5 days	Wed 2/26/14	Wed 2/26/14																
570	Program Camera with data center IP Scheme	0.5 days	Thu 2/27/14	Thu 2/27/14																
571	Test Connectivity with data center	0.5 days	Thu 2/27/14	Thu 2/27/14																
572	2046 - SB to EB Flower @ 10 Fwy onramp	72.4 days	Thu 11/7/13	Fri 2/28/14																
573	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
574	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
575	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
576	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
577	Modem Installation	0.5 days	Thu 2/27/14	Thu 2/27/14																
578	Router Installation	0.5 days	Thu 2/27/14	Thu 2/27/14																
579	Program Camera with data center IP Scheme	0.5 days	Fri 2/28/14	Fri 2/28/14																

Metro Photo Enforcement Program
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Task Name	Duration	Start	Finish	2014				2015											
				Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
580 Test Connectivity with data center	0.5 days	Fri 2/28/14	Fri 2/28/14																
581 2054 - WB Venice @ Flower Provide Communications Engineer with Location Name, Description, Location Code of approaches	73.4 days	Thu 11/7/13	Mon 3/3/14																
582 IP Log is created and distribute on SharePoint	1 day	Thu 11/7/13	Fri 11/8/13																
583 Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13																
584 Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13																
585 Modern Installation	15 days	Tue 11/12/13	Thu 12/5/13																
586 Router Installation	0.5 days	Fri 2/28/14	Fri 2/28/14																
587 Program Camera with data center IP Scheme	0.5 days	Fri 2/28/14	Fri 2/28/14																
588 Test Connectivity with data center	0.5 days	Mon 3/3/14	Mon 3/3/14																
589 Test Connectivity with data center	0.5 days	Mon 3/3/14	Mon 3/3/14																
590 2056 - SB to EB Flower @ Venice Provide Communications Engineer with Location Name, Description, Location Code of approaches	74.4 days	Thu 11/7/13	Tue 3/4/14																
591 IP Log is created and distribute on SharePoint	1 day	Thu 11/7/13	Fri 11/8/13																
592 Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13																
593 Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13																
594 Modern Installation	15 days	Tue 11/12/13	Thu 12/5/13																
595 Router Installation	0.5 days	Mon 3/3/14	Mon 3/3/14																
596 Program Camera with data center IP Scheme	0.5 days	Mon 3/3/14	Mon 3/3/14																
597 Test Connectivity with data center	0.5 days	Tue 3/4/14	Tue 3/4/14																
598 Image Quality System Engineering	0.5 days	Tue 3/4/14	Tue 3/4/14																
599 1082 - WB Stockwell @ Willowbrook Power on camera system and testing	23 days	Tue 2/4/14	Thu 3/6/14																
600 Test data communications and downloads	4 days	Tue 2/4/14	Fri 2/7/14																
601 Finalize Alignment, Image Quality and Tuning	1 day	Tue 2/4/14	Tue 2/4/14																
602 Image Quality Check-Off (Check List)	1 day	Wed 2/5/14	Wed 2/5/14																
603 1081 - EB Stockwell @ Willowbrook Power on camera system and testing	4 days	Thu 2/6/14	Fri 2/7/14																
604 Test data communications and downloads	1.5 days	Thu 2/6/14	Fri 2/7/14																
605 Finalize Alignment, Image Quality and Tuning	0.5 days	Fri 2/7/14	Fri 2/7/14																
606 Image Quality Check-Off (Check List)	4 days	Wed 2/5/14	Mon 2/10/14																
607 Power on camera system and testing	1 day	Wed 2/5/14	Wed 2/5/14																
608 Test data communications and downloads	1 day	Thu 2/6/14	Thu 2/6/14																
609 Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 2/7/14	Mon 2/10/14																
610 Image Quality Check-Off (Check List)	0.5 days	Mon 2/10/14	Mon 2/10/14																
611 Power on camera system and testing	4 days	Thu 2/6/14	Tue 2/11/14																
612 Test data communications and downloads	1 day	Thu 2/6/14	Thu 2/6/14																
613 Finalize Alignment, Image Quality and Tuning	1 day	Fri 2/7/14	Fri 2/7/14																
614 Image Quality Check-Off (Check List)	1.5 days	Mon 2/10/14	Tue 2/11/14																
615 Test data communications and downloads	0.5 days	Tue 2/11/14	Tue 2/11/14																
616 Image Quality Check-Off (Check List)	4 days	Fri 2/7/14	Wed 2/12/14																
617 Power on camera system and testing	1 day	Fri 2/7/14	Fri 2/7/14																
618 Test data communications and downloads	1 day	Mon 2/10/14	Mon 2/10/14																
Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 2/11/14	Wed 2/12/14																

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
619	Image Quality Check-Off (Check List)	0.5 days	Wed 2/12/14	Wed 2/12/14																
620	981 - EB 119th St @ Willowbrook	4 days	Mon 2/10/14	Thu 2/13/14																
621	Power on camera system and testing	1 day	Mon 2/10/14	Mon 2/10/14																
622	Test data communications and downloads	1 day	Tue 2/11/14	Tue 2/11/14																
623	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 2/12/14	Thu 2/13/14																
624	Image Quality Check-Off (Check List)	0.5 days	Thu 2/13/14	Thu 2/13/14																
625	982 - WB 119th St @ Willowbrook	4 days	Tue 2/11/14	Fri 2/14/14																
626	Power on camera system and testing	1 day	Tue 2/11/14	Tue 2/11/14																
627	Test data communications and downloads	1 day	Wed 2/12/14	Wed 2/12/14																
628	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 2/13/14	Fri 2/14/14																
629	Image Quality Check-Off (Check List)	0.5 days	Fri 2/14/14	Fri 2/14/14																
630	841 - EB 103rd St @ Grandee	4 days	Wed 2/12/14	Mon 2/17/14																
631	Power on camera system and testing	1 day	Wed 2/12/14	Wed 2/12/14																
632	Test data communications and downloads	1 day	Thu 2/13/14	Thu 2/13/14																
633	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 2/14/14	Mon 2/17/14																
634	Image Quality Check-Off (Check List)	0.5 days	Mon 2/17/14	Mon 2/17/14																
635	821 - EB Century Bl @ Grandee	4 days	Thu 2/13/14	Tue 2/18/14																
636	Power on camera system and testing	1 day	Thu 2/13/14	Thu 2/13/14																
637	Test data communications and downloads	1 day	Fri 2/14/14	Fri 2/14/14																
638	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 2/17/14	Tue 2/18/14																
639	Image Quality Check-Off (Check List)	0.5 days	Tue 2/18/14	Tue 2/18/14																
640	822 - WB Century Bl @ Grandee	4 days	Fri 2/14/14	Wed 2/19/14																
641	Power on camera system and testing	1 day	Fri 2/14/14	Fri 2/14/14																
642	Test data communications and downloads	1 day	Mon 2/17/14	Mon 2/17/14																
643	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 2/18/14	Wed 2/19/14																
644	Image Quality Check-Off (Check List)	0.5 days	Wed 2/19/14	Wed 2/19/14																
645	421 - EB Vernon Ave @ Long Beach Ave	4 days	Mon 2/17/14	Thu 2/20/14																
646	Power on camera system and testing	1 day	Mon 2/17/14	Mon 2/17/14																
647	Test data communications and downloads	1 day	Tue 2/18/14	Tue 2/18/14																
648	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 2/19/14	Thu 2/20/14																
649	Image Quality Check-Off (Check List)	0.5 days	Thu 2/20/14	Thu 2/20/14																
650	322 - WB 20th St @ Long Beach Ave	4 days	Tue 2/18/14	Fri 2/21/14																
651	Power on camera system and testing	1 day	Tue 2/18/14	Tue 2/18/14																
652	Test data communications and downloads	1 day	Wed 2/19/14	Wed 2/19/14																
653	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 2/20/14	Fri 2/21/14																
654	Image Quality Check-Off (Check List)	0.5 days	Fri 2/21/14	Fri 2/21/14																
655	2018 - WB to SB Washington @ San Pedro	4 days	Wed 2/19/14	Mon 2/24/14																
656	Power on camera system and testing	1 day	Wed 2/19/14	Wed 2/19/14																
657	Test data communications and downloads	1 day	Thu 2/20/14	Thu 2/20/14																
658	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 2/21/14	Mon 2/24/14																
659	Image Quality Check-Off (Check List)	0.5 days	Mon 2/24/14	Mon 2/24/14																

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ID	Task Name	Duration	Start	Finish	2014				2015					
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1			
660	2017 - EB to NB Washington @ San Pedro	4 days	Thu 2/20/14	Tue 2/25/14										
661	Power on camera system and testing	1 day	Thu 2/20/14	Thu 2/20/14										
662	Test data communications and downloads	1 day	Fri 2/21/14	Fri 2/21/14										
663	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 2/24/14	Tue 2/25/14										
664	Image Quality Check-Off (Check List)	0.5 days	Tue 2/25/14	Tue 2/25/14										
665	2008 - WB to SB Washington @ Los Angeles	4 days	Fri 2/21/14	Wed 2/26/14										
666	Power on camera system and testing	1 day	Fri 2/21/14	Fri 2/21/14										
667	Test data communications and downloads	1 day	Mon 2/24/14	Mon 2/24/14										
668	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 2/25/14	Wed 2/26/14										
669	Image Quality Check-Off (Check List)	0.5 days	Wed 2/26/14	Wed 2/26/14										
670	2003 - EB to NB Washington @ Los Angeles	4 days	Mon 2/24/14	Thu 2/27/14										
671	Power on camera system and testing	1 day	Mon 2/24/14	Mon 2/24/14										
672	Test data communications and downloads	1 day	Tue 2/25/14	Tue 2/25/14										
673	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 2/26/14	Thu 2/27/14										
674	Image Quality Check-Off (Check List)	0.5 days	Thu 2/27/14	Thu 2/27/14										
675	2027 - EB to NB Washington @ Broadway	4 days	Tue 2/25/14	Fri 2/28/14										
676	Power on camera system and testing	1 day	Tue 2/25/14	Tue 2/25/14										
677	Test data communications and downloads	1 day	Wed 2/26/14	Wed 2/26/14										
678	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 2/27/14	Fri 2/28/14										
679	Image Quality Check-Off (Check List)	0.5 days	Fri 2/28/14	Fri 2/28/14										
680	2036 - SB to EB Flower @ 18th St	4 days	Wed 2/26/14	Mon 3/3/14										
681	Power on camera system and testing	1 day	Wed 2/26/14	Wed 2/26/14										
682	Test data communications and downloads	1 day	Thu 2/27/14	Thu 2/27/14										
683	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 2/28/14	Mon 3/3/14										
684	Image Quality Check-Off (Check List)	0.5 days	Mon 3/3/14	Mon 3/3/14										
685	2046 - SB to EB Flower @ 10 Fwy onramp	4 days	Thu 2/27/14	Tue 3/4/14										
686	Power on camera system and testing	1 day	Thu 2/27/14	Thu 2/27/14										
687	Test data communications and downloads	1 day	Fri 2/28/14	Fri 2/28/14										
688	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 3/3/14	Tue 3/4/14										
689	Image Quality Check-Off (Check List)	0.5 days	Tue 3/4/14	Tue 3/4/14										
690	2054 - WB Venice @ Flower	4 days	Fri 2/28/14	Wed 3/5/14										
691	Power on camera system and testing	1 day	Fri 2/28/14	Fri 2/28/14										
692	Test data communications and downloads	1 day	Mon 3/3/14	Mon 3/3/14										
693	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 3/4/14	Wed 3/5/14										
694	Image Quality Check-Off (Check List)	0.5 days	Wed 3/5/14	Wed 3/5/14										
695	2056 - SB to EB Flower @ Venice	4 days	Mon 3/3/14	Thu 3/6/14										
696	Power on camera system and testing	1 day	Mon 3/3/14	Mon 3/3/14										
697	Test data communications and downloads	1 day	Tue 3/4/14	Tue 3/4/14										
698	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 3/5/14	Thu 3/6/14										
699	Image Quality Check-Off (Check List)	0.5 days	Thu 3/6/14	Thu 3/6/14										
700	Site Acceptance	23.75 days	Mon 2/10/14	Thu 3/13/14										

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ID	Task Name	Duration	Start	Finish	2014				2015					
					Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2		
701	1032 - WB Stockwell @ Willowbrook	0.75 days	Mon 2/10/14	Mon 2/10/14				▼						
702	Engineering Acceptance Sign-Off	0.25 days	Mon 2/10/14	Mon 2/10/14				▼						
703	Maintenance Acceptance Sign-Off	0.25 days	Mon 2/10/14	Mon 2/10/14				▼						
704	Program Management Acceptance Sign-Off	0.25 days	Mon 2/10/14	Mon 2/10/14				▼						
705	1081 - EB Stockwell @ Willowbrook	0.75 days	Tue 2/11/14	Tue 2/11/14										
706	Engineering Acceptance Sign-Off	0.25 days	Tue 2/11/14	Tue 2/11/14										
707	Maintenance Acceptance Sign-Off	0.25 days	Tue 2/11/14	Tue 2/11/14										
708	Program Management Acceptance Sign-Off	0.25 days	Tue 2/11/14	Tue 2/11/14										
709	1052 - WB 130th St @ Willowbrook	0.75 days	Wed 2/12/14	Wed 2/12/14				▼						
710	Engineering Acceptance Sign-Off	0.25 days	Wed 2/12/14	Wed 2/12/14				▼						
711	Maintenance Acceptance Sign-Off	0.25 days	Wed 2/12/14	Wed 2/12/14				▼						
712	Program Management Acceptance Sign-Off	0.25 days	Wed 2/12/14	Wed 2/12/14				▼						
713	1051 - EB 130th St @ Willowbrook	0.75 days	Thu 2/13/14	Thu 2/13/14										
714	Engineering Acceptance Sign-Off	0.25 days	Thu 2/13/14	Thu 2/13/14										
715	Maintenance Acceptance Sign-Off	0.25 days	Thu 2/13/14	Thu 2/13/14										
716	Program Management Acceptance Sign-Off	0.25 days	Thu 2/13/14	Thu 2/13/14										
717	981 - EB 119th St @ Willowbrook	1.75 days	Fri 2/14/14	Mon 2/17/14										
718	Engineering Acceptance Sign-Off	0.25 days	Fri 2/14/14	Mon 2/17/14										
719	Maintenance Acceptance Sign-Off	0.25 days	Fri 2/14/14	Mon 2/17/14										
720	Program Management Acceptance Sign-Off	0.25 days	Fri 2/14/14	Mon 2/17/14										
721	982 - WB 119th St @ Willowbrook	1.75 days	Mon 2/17/14	Tue 2/18/14										
722	Engineering Acceptance Sign-Off	0.25 days	Mon 2/17/14	Tue 2/18/14										
723	Maintenance Acceptance Sign-Off	0.25 days	Mon 2/17/14	Tue 2/18/14										
724	Program Management Acceptance Sign-Off	0.25 days	Mon 2/17/14	Tue 2/18/14										
725	841 - EB 103rd St @ Grandee	1.75 days	Tue 2/18/14	Wed 2/19/14										
726	Engineering Acceptance Sign-Off	0.25 days	Tue 2/18/14	Wed 2/19/14										
727	Maintenance Acceptance Sign-Off	0.25 days	Tue 2/18/14	Wed 2/19/14										
728	Program Management Acceptance Sign-Off	0.25 days	Tue 2/18/14	Wed 2/19/14										
729	821 - EB Century Bl @ Grandee	1.75 days	Wed 2/19/14	Thu 2/20/14										
730	Engineering Acceptance Sign-Off	0.25 days	Wed 2/19/14	Thu 2/20/14										
731	Maintenance Acceptance Sign-Off	0.25 days	Wed 2/19/14	Thu 2/20/14										
732	Program Management Acceptance Sign-Off	0.25 days	Wed 2/19/14	Thu 2/20/14										
733	822 - WB Century Bl @ Grandee	2.75 days	Thu 2/20/14	Mon 2/24/14										
734	Engineering Acceptance Sign-Off	0.25 days	Thu 2/20/14	Mon 2/24/14										
735	Maintenance Acceptance Sign-Off	0.25 days	Thu 2/20/14	Mon 2/24/14										
736	Program Management Acceptance Sign-Off	0.25 days	Thu 2/20/14	Mon 2/24/14										
737	421 - EB Vernon Ave @ Long Beach Ave	1.75 days	Mon 2/24/14	Tue 2/25/14										
738	Engineering Acceptance Sign-Off	0.25 days	Mon 2/24/14	Tue 2/25/14										
739	Maintenance Acceptance Sign-Off	0.25 days	Mon 2/24/14	Tue 2/25/14										
740	Program Management Acceptance Sign-Off	0.25 days	Mon 2/24/14	Tue 2/25/14										
741	322 - WB 20th St @ Long Beach Ave	2.75 days	Tue 2/25/14	Wed 2/26/14										

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Job #	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
742	Engineering Acceptance Sign-Off	0.25 days	Mon 2/24/14	Mon 2/24/14																
743	Maintenance Acceptance Sign-Off	0.25 days	Mon 2/24/14	Mon 2/24/14																
744	Program Management Acceptance Sign-Off	0.25 days	Wed 2/26/14	Wed 2/26/14																
745	2018 - WB to SB Washington @ San Pedro	2.75 days	Tue 2/25/14	Thu 2/27/14																
746	Engineering Acceptance Sign-Off	0.25 days	Tue 2/25/14	Tue 2/25/14																
747	Maintenance Acceptance Sign-Off	0.25 days	Tue 2/25/14	Tue 2/25/14																
748	Program Management Acceptance Sign-Off	0.25 days	Thu 2/27/14	Thu 2/27/14																
749	2017 - EB to NB Washington @ San Pedro	3.75 days	Wed 2/26/14	Mon 3/3/14																
750	Engineering Acceptance Sign-Off	0.25 days	Wed 2/26/14	Wed 2/26/14																
751	Maintenance Acceptance Sign-Off	0.25 days	Wed 2/26/14	Wed 2/26/14																
752	Program Management Acceptance Sign-Off	0.25 days	Mon 3/3/14	Mon 3/3/14																
753	2008 - WB to SB Washington @ Los Angeles	3.75 days	Thu 2/27/14	Tue 3/4/14																
754	Engineering Acceptance Sign-Off	0.25 days	Thu 2/27/14	Thu 2/27/14																
755	Maintenance Acceptance Sign-Off	0.25 days	Thu 2/27/14	Thu 2/27/14																
756	Program Management Acceptance Sign-Off	0.25 days	Tue 3/4/14	Tue 3/4/14																
757	2003 - EB to NB Washington @ Los Angeles	3.75 days	Fri 2/28/14	Wed 3/5/14																
758	Engineering Acceptance Sign-Off	0.25 days	Fri 2/28/14	Fri 2/28/14																
759	Maintenance Acceptance Sign-Off	0.25 days	Fri 2/28/14	Fri 2/28/14																
760	Program Management Acceptance Sign-Off	0.25 days	Wed 3/5/14	Wed 3/5/14																
761	2027 - EB to NB Washington @ Broadway	3.75 days	Mon 3/3/14	Thu 3/6/14																
762	Engineering Acceptance Sign-Off	0.25 days	Mon 3/3/14	Mon 3/3/14																
763	Maintenance Acceptance Sign-Off	0.25 days	Mon 3/3/14	Mon 3/3/14																
764	Program Management Acceptance Sign-Off	0.25 days	Thu 3/6/14	Thu 3/6/14																
765	2036 - SB to EB Flower @ 18th St	4.75 days	Tue 3/4/14	Mon 3/10/14																
766	Engineering Acceptance Sign-Off	0.25 days	Tue 3/4/14	Tue 3/4/14																
767	Maintenance Acceptance Sign-Off	0.25 days	Tue 3/4/14	Tue 3/4/14																
768	Program Management Acceptance Sign-Off	0.25 days	Mon 3/10/14	Mon 3/10/14																
769	2046 - SB to EB Flower @ 10 Fwy onramp	4.75 days	Wed 3/5/14	Tue 3/11/14																
770	Engineering Acceptance Sign-Off	0.25 days	Wed 3/5/14	Wed 3/5/14																
771	Maintenance Acceptance Sign-Off	0.25 days	Wed 3/5/14	Wed 3/5/14																
772	Program Management Acceptance Sign-Off	0.25 days	Tue 3/11/14	Tue 3/11/14																
773	2054 - WB Venice @ Flower	4.75 days	Thu 3/6/14	Wed 3/12/14																
774	Engineering Acceptance Sign-Off	0.25 days	Thu 3/6/14	Thu 3/6/14																
775	Maintenance Acceptance Sign-Off	0.25 days	Thu 3/6/14	Thu 3/6/14																
776	Program Management Acceptance Sign-Off	0.25 days	Wed 3/12/14	Wed 3/12/14																
777	2056 - SB to EB Flower @ Venice	4.75 days	Fri 3/7/14	Thu 3/13/14																
778	Engineering Acceptance Sign-Off	0.25 days	Fri 3/7/14	Fri 3/7/14																
779	Maintenance Acceptance Sign-Off	0.25 days	Fri 3/7/14	Fri 3/7/14																
780	Program Management Acceptance Sign-Off	0.25 days	Thu 3/13/14	Thu 3/13/14																
781	METRO Acceptance	85 days	Mon 2/10/14	Tue 6/10/14																
782	1082 - WB Stockwell @ Willowbrook	62 days	Mon 2/10/14	Wed 5/7/14																

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ID	Task Name	Duration	Start	Finish	2014				2015							
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4		
783	System Acceptance Test (SAT)	1 day	Mon 2/10/14	Tue 2/11/14			I									
784	Xerox Warranty Period	60 days	Tue 2/11/14	Tue 5/6/14				I								
785	Final Metro Site Acceptance	1 day	Tue 5/6/14	Wed 5/7/14					I							
786	1081 - EB Stockwell @ Willowbrook	62 days	Tue 2/11/14	Thu 5/8/14												
787	System Acceptance Test (SAT)	1 day	Tue 2/11/14	Wed 2/12/14												
788	Xerox Warranty Period	60 days	Wed 2/12/14	Wed 5/7/14				I								
789	Final Metro Site Acceptance	1 day	Wed 5/7/14	Thu 5/8/14					I							
790	1052 - WB 130th St @ Willowbrook	62 days	Wed 2/12/14	Fri 5/9/14												
791	System Acceptance Test (SAT)	1 day	Wed 2/12/14	Thu 2/13/14				I								
792	Xerox Warranty Period	60 days	Thu 2/13/14	Thu 5/8/14												
793	Final Metro Site Acceptance	1 day	Thu 5/8/14	Fri 5/9/14					I							
794	1051 - EB 130th St @ Willowbrook	62 days	Thu 2/13/14	Mon 5/12/14												
795	System Acceptance Test (SAT)	1 day	Thu 2/13/14	Fri 2/14/14				I								
796	Xerox Warranty Period	60 days	Fri 2/14/14	Fri 5/9/14												
797	Final Metro Site Acceptance	1 day	Fri 5/9/14	Mon 5/12/14					I							
798	981 - EB 119th St @ Willowbrook	62 days	Mon 2/17/14	Wed 5/14/14												
799	System Acceptance Test (SAT)	1 day	Mon 2/17/14	Tue 2/18/14				I								
800	Xerox Warranty Period	60 days	Tue 2/18/14	Tue 5/13/14												
801	Final Metro Site Acceptance	1 day	Tue 5/13/14	Wed 5/14/14					I							
802	982 - WB 119th St @ Willowbrook	62 days	Tue 2/18/14	Thu 5/15/14												
803	System Acceptance Test (SAT)	1 day	Tue 2/18/14	Wed 2/19/14				I								
804	Xerox Warranty Period	60 days	Wed 2/19/14	Wed 5/14/14												
805	Final Metro Site Acceptance	1 day	Wed 5/14/14	Thu 5/15/14					I							
806	841 - EB 103rd St @ Grandee	62 days	Wed 2/19/14	Fri 5/16/14												
807	System Acceptance Test (SAT)	1 day	Wed 2/19/14	Thu 2/20/14				I								
808	Xerox Warranty Period	60 days	Thu 2/20/14	Thu 5/15/14												
809	Final Metro Site Acceptance	1 day	Thu 5/15/14	Fri 5/16/14					I							
810	821 - EB Century Bl @ Grandee	62 days	Thu 2/20/14	Mon 5/19/14												
811	System Acceptance Test (SAT)	1 day	Thu 2/20/14	Fri 2/21/14				I								
812	Xerox Warranty Period	60 days	Fri 2/21/14	Fri 5/16/14												
813	Final Metro Site Acceptance	1 day	Fri 5/16/14	Mon 5/19/14					I							
814	822 - WB Century Bl @ Grandee	62 days	Mon 2/24/14	Wed 5/21/14												
815	System Acceptance Test (SAT)	1 day	Mon 2/24/14	Tue 2/25/14				I								
816	Xerox Warranty Period	60 days	Tue 2/25/14	Tue 5/20/14												
817	Final Metro Site Acceptance	1 day	Tue 5/20/14	Wed 5/21/14					I							
818	421 - EB Vernon Ave @ Long Beach Ave	62 days	Tue 2/25/14	Thu 5/22/14												
819	System Acceptance Test (SAT)	1 day	Tue 2/25/14	Wed 2/26/14				I								
820	Xerox Warranty Period	60 days	Wed 2/26/14	Wed 5/21/14												
821	Final Metro Site Acceptance	1 day	Wed 5/21/14	Thu 5/22/14					I							
822	322 - WB 20th St @ Long Beach Ave	62 days	Wed 2/26/14	Fri 5/23/14												
823	System Acceptance Test (SAT)	1 day	Wed 2/26/14	Thu 2/27/14				I								

Metro Photo Enforcement Program
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ID	Task Name	Duration	Start	Finish	2014				2015					
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2		
824	Xerox Warranty Period	60 days	Thu 2/27/14	Thu 5/22/14										
825	Final Metro Site Acceptance	1 day	Thu 5/22/14	Fri 5/23/14										
826	2018 - WB to SB Washington @ San Pedro	62 days	Thu 2/27/14	Tue 5/27/14										
827	System Acceptance Test (SAT)	1 day	Thu 2/27/14	Fri 2/28/14										
828	Xerox Warranty Period	60 days	Fri 2/28/14	Fri 5/23/14										
829	Final Metro Site Acceptance	1 day	Fri 5/23/14	Tue 5/27/14										
830	2017 - EB to NB Washington @ San Pedro	62 days	Mon 3/3/14	Thu 5/29/14										
831	System Acceptance Test (SAT)	1 day	Mon 3/3/14	Tue 3/4/14										
832	Xerox Warranty Period	60 days	Tue 3/4/14	Wed 5/28/14										
833	Final Metro Site Acceptance	1 day	Wed 5/28/14	Thu 5/29/14										
834	2008 - WB to SB Washington @ Los Angeles	62 days	Tue 3/4/14	Fri 5/30/14										
835	System Acceptance Test (SAT)	1 day	Tue 3/4/14	Wed 3/5/14										
836	Xerox Warranty Period	60 days	Wed 3/5/14	Thu 5/29/14										
837	Final Metro Site Acceptance	1 day	Thu 5/29/14	Fri 5/30/14										
838	2003 - EB to NB Washington @ Los Angeles	62 days	Wed 3/5/14	Mon 6/2/14										
839	System Acceptance Test (SAT)	1 day	Wed 3/5/14	Thu 3/6/14										
840	Xerox Warranty Period	60 days	Thu 3/6/14	Fri 5/30/14										
841	Final Metro Site Acceptance	1 day	Fri 5/30/14	Mon 6/2/14										
842	2027 - EB to NB Washington @ Broadway	62 days	Thu 3/6/14	Tue 6/3/14										
843	System Acceptance Test (SAT)	1 day	Thu 3/6/14	Fri 3/7/14										
844	Xerox Warranty Period	60 days	Fri 3/7/14	Mon 6/2/14										
845	Final Metro Site Acceptance	1 day	Mon 6/2/14	Tue 6/3/14										
846	2036 - SB to EB Flower @ 18th St	62 days	Mon 3/10/14	Thu 6/5/14										
847	System Acceptance Test (SAT)	1 day	Mon 3/10/14	Tue 3/11/14										
848	Xerox Warranty Period	60 days	Tue 3/11/14	Wed 6/4/14										
849	Final Metro Site Acceptance	1 day	Wed 6/4/14	Thu 6/5/14										
850	2046 - SB to EB Flower @ 40 Fwy onramp	62 days	Tue 3/11/14	Fri 6/6/14										
851	System Acceptance Test (SAT)	1 day	Tue 3/11/14	Wed 3/12/14										
852	Xerox Warranty Period	60 days	Wed 3/12/14	Thu 6/5/14										
853	Final Metro Site Acceptance	1 day	Thu 6/5/14	Fri 6/6/14										
854	2054 - WB Venice @ Flower	62 days	Wed 3/12/14	Mon 6/9/14										
855	System Acceptance Test (SAT)	1 day	Wed 3/12/14	Thu 3/13/14										
856	Xerox Warranty Period	60 days	Thu 3/13/14	Fri 6/6/14										
857	Final Metro Site Acceptance	1 day	Fri 6/6/14	Mon 6/9/14										
858	2056 - SB to EB Flower @ Venice	62 days	Thu 3/13/14	Tue 6/10/14										
859	System Acceptance Test (SAT)	1 day	Thu 3/13/14	Fri 3/14/14										
860	Xerox Warranty Period	60 days	Fri 3/14/14	Mon 6/9/14										
861	Final Metro Site Acceptance	1 day	Mon 6/9/14	Tue 6/10/14										
862	Orange Line	172.4 days	Thu 11/7/13	Tue 7/22/14										
863	Film Camera Equipment Removal	6 days	Mon 3/3/14	Mon 3/10/14										

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Task Name	Duration	Start	Finish	2014				2015							
				Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2				
864 1412 - SB De Soto Ave @ Busway	0.25 days	Mon 3/3/14	Mon 3/3/14			I									
865 1415 - WB to NB De Soto Ave @ Busway	0.25 days	Mon 3/3/14	Mon 3/3/14												
866 1402 - SB Mason Ave @ Busway	0.25 days	Mon 3/3/14	Mon 3/3/14												
867 1405 - WB to NB Mason Ave @ Victory Bl	0.25 days	Mon 3/3/14	Mon 3/3/14												
868 1392 - SB Reseda Bl @ Busway	0.25 days	Tue 3/4/14	Tue 3/4/14												
869 1391 - NB Reseda Bl @ Busway	0.25 days	Tue 3/4/14	Tue 3/4/14												
870 1382 - SB Lindley Ave @ Busway	0.25 days	Tue 3/4/14	Tue 3/4/14												
871 1385 - WB to NB Lindley Ave & Oxnard St	0.25 days	Wed 3/5/14	Wed 3/5/14												
872 1372 - SB White Oak Ave @ Busway	0.25 days	Wed 3/5/14	Wed 3/5/14												
873 1371 - NB White Oak Ave @ Busway	0.25 days	Wed 3/5/14	Wed 3/5/14												
874 1362 - SB Balboa Bl @ Busway	0.25 days	Wed 3/5/14	Wed 3/5/14												
875 1361 - NB Balboa Bl @ Busway	0.25 days	Thu 3/6/14	Thu 3/6/14												
876 1352 - SB Woodley @ Busway	0.25 days	Thu 3/6/14	Thu 3/6/14												
877 1351 - NB Woodley @ Busway	0.25 days	Thu 3/6/14	Thu 3/6/14												
878 1342 - SB Sepulveda Bl @ Busway	0.25 days	Thu 3/6/14	Thu 3/6/14												
879 1341 - NB Sepulveda Bl @ Busway	0.25 days	Fri 3/7/14	Fri 3/7/14												
880 1332 - SB Kester Ave @ Busway	0.25 days	Fri 3/7/14	Fri 3/7/14												
881 1331 - NB Kester Ave @ Busway	0.25 days	Fri 3/7/14	Fri 3/7/14												
882 1322 - SB Woodman Ave @ Busway	0.25 days	Fri 3/7/14	Fri 3/7/14												
883 1321 - NB Woodman Ave @ Busway	0.25 days	Mon 3/10/14	Mon 3/10/14												
884 1313 - EB Oxnard St @ Buffalo Ave	0.25 days	Mon 3/10/14	Mon 3/10/14												
885 1314 - WB Oxnard St @ Buffalo Ave	0.25 days	Mon 3/10/14	Mon 3/10/14												
886 1302 - SB Tujunga Ave @ Busway	0.25 days	Mon 3/10/14	Mon 3/10/14												
887 1301 - NB Tujunga Ave @ Busway	0.25 days	Mon 3/10/14	Mon 3/10/14												
888 Motorized Pole Removal (Ensure remaining infrastructure is useable and safe)	6 days	Mon 3/3/14	Mon 3/10/14												
889 1412 - SB De Soto Ave @ Busway	0.25 days	Mon 3/3/14	Mon 3/3/14												
890 1415 - WB to NB De Soto Ave @ Busway	0.25 days	Mon 3/3/14	Mon 3/3/14												
891 1402 - SB Mason Ave @ Busway	0.25 days	Mon 3/3/14	Mon 3/3/14												
892 1405 - WB to NB Mason Ave @ Victory Bl	0.25 days	Mon 3/3/14	Mon 3/3/14												
893 1392 - SB Reseda Bl @ Busway	0.25 days	Tue 3/4/14	Tue 3/4/14												
894 1391 - NB Reseda Bl @ Busway	0.25 days	Tue 3/4/14	Tue 3/4/14												
895 1382 - SB Lindley Ave @ Busway	0.25 days	Tue 3/4/14	Tue 3/4/14												
896 1385 - WB to NB Lindley Ave & Oxnard St	0.25 days	Tue 3/4/14	Tue 3/4/14												
897 1372 - SB White Oak Ave @ Busway	0.25 days	Wed 3/5/14	Wed 3/5/14												
898 1371 - NB White Oak Ave @ Busway	0.25 days	Wed 3/5/14	Wed 3/5/14												
899 1362 - SB Balboa Bl @ Busway	0.25 days	Wed 3/5/14	Wed 3/5/14												
900 1361 - NB Balboa Bl @ Busway	0.25 days	Wed 3/5/14	Wed 3/5/14												
901 1352 - SB Woodley @ Busway	0.25 days	Thu 3/6/14	Thu 3/6/14												
902 1351 - NB Woodley @ Busway	0.25 days	Thu 3/6/14	Thu 3/6/14												

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ID	Task Name	Duration	Start	Finish	2014			2015									
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4							
903	1342 - SB Sepulveda Bl @ Busway	0.25 days	Thu 3/6/14	Thu 3/6/14													
904	1341 - NB Sepulveda Bl @ Busway	0.25 days	Thu 3/6/14	Thu 3/6/14													
905	1332 - SB Kester Ave @ Busway	0.25 days	Fri 3/7/14	Fri 3/7/14													
906	1331 - NB Kester Ave @ Busway	0.25 days	Fri 3/7/14	Fri 3/7/14													
907	1322 - SB Woodman Ave @ Busway	0.25 days	Fri 3/7/14	Fri 3/7/14													
908	1321 - NB Woodman Ave @ Busway	0.25 days	Fri 3/7/14	Fri 3/7/14													
909	1313 - EB Oxnard St @ Buffalo Ave	0.25 days	Mon 3/10/14	Mon 3/10/14													
910	1314 - WB Oxnard St @ Buffalo Ave	0.25 days	Mon 3/10/14	Mon 3/10/14													
911	1302 - SB Tujunga Ave @ Busway	0.25 days	Mon 3/10/14	Mon 3/10/14													
912	1301 - NB Tujunga Ave @ Busway	0.25 days	Mon 3/10/14	Mon 3/10/14													
913	Equipment Installation	24 days	Mon 3/3/14	Fri 4/4/14													
914	1412 - SB De Soto Ave @ Busway	1 day	Mon 3/3/14	Tue 3/4/14													
915	Install Camera Equipment and Flash Units	0.25 days	Mon 3/3/14	Mon 3/3/14													
916	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 3/3/14	Mon 3/3/14													
917	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 3/4/14	Tue 3/4/14													
918	1415 - WB to NB De Soto Ave @ Busway	1 day	Tue 3/4/14	Wed 3/5/14													
919	Install Camera Equipment and Flash Units	0.25 days	Tue 3/4/14	Tue 3/4/14													
920	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 3/4/14	Tue 3/4/14													
921	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 3/5/14	Wed 3/5/14													
922	1402 - SB Mason Ave @ Busway	1 day	Wed 3/5/14	Thu 3/6/14													
923	Install Camera Equipment and Flash Units	0.25 days	Wed 3/5/14	Wed 3/5/14													
924	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 3/5/14	Wed 3/5/14													
925	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 3/6/14	Thu 3/6/14													
926	1405 - WB to NB Mason Ave @ Victory Bl	1 day	Thu 3/6/14	Fri 3/7/14													
927	Install Camera Equipment and Flash Units	0.25 days	Thu 3/6/14	Thu 3/6/14													
928	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 3/6/14	Thu 3/6/14													
929	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 3/7/14	Fri 3/7/14													
930	1392 - SB Reseda Bl @ Busway	1 day	Fri 3/7/14	Mon 3/10/14													
931	Install Camera Equipment and Flash Units	0.25 days	Fri 3/7/14	Fri 3/7/14													
932	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 3/7/14	Fri 3/7/14													
933	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 3/10/14	Mon 3/10/14													
934	1391 - NB Reseda Bl @ Busway	1 day	Mon 3/10/14	Tue 3/11/14													
935	Install Camera Equipment and Flash Units	0.25 days	Mon 3/10/14	Mon 3/10/14													
936	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 3/10/14	Mon 3/10/14													
937	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 3/11/14	Tue 3/11/14													
938	1382 - SB Lindley Ave @ Busway	1 day	Tue 3/11/14	Wed 3/12/14													

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ID	Task Name	Duration	Start	Finish	2014					
					Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
939	Install Camera Equipment and Flash Units	0.25 days	Tue 3/11/14	Tue 3/11/14						
940	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 3/11/14	Tue 3/11/14						
941	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 3/12/14	Wed 3/12/14						
942	1385 - WB to NB Lindley Ave & Oxnard St	1 day	Wed 3/12/14	Thu 3/13/14						
943	Install Camera Equipment and Flash Units	0.25 days	Wed 3/12/14	Wed 3/12/14						
944	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 3/12/14	Wed 3/12/14						
945	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 3/13/14	Thu 3/13/14						
946	1372 - SB White Oak Ave @ Busway	1 day	Thu 3/13/14	Fri 3/14/14						
947	Install Camera Equipment and Flash Units	0.25 days	Thu 3/13/14	Thu 3/13/14						
948	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 3/13/14	Thu 3/13/14						
949	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 3/14/14	Fri 3/14/14						
950	1371 - NB White Oak Ave @ Busway	1 day	Fri 3/14/14	Mon 3/17/14						
951	Install Camera Equipment and Flash Units	0.25 days	Fri 3/14/14	Fri 3/14/14						
952	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 3/14/14	Fri 3/14/14						
953	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 3/17/14	Mon 3/17/14						
954	1362 - SB Balboa Bl @ Busway	1 day	Mon 3/17/14	Tue 3/18/14						
955	Install Camera Equipment and Flash Units	0.25 days	Mon 3/17/14	Mon 3/17/14						
956	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 3/17/14	Mon 3/17/14						
957	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 3/18/14	Tue 3/18/14						
958	1361 - NB Balboa Bl @ Busway	1 day	Tue 3/18/14	Wed 3/19/14						
959	Install Camera Equipment and Flash Units	0.25 days	Tue 3/18/14	Tue 3/18/14						
960	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 3/18/14	Tue 3/18/14						
961	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 3/19/14	Wed 3/19/14						
962	1352 - SB Woodley @ Busway	1 day	Wed 3/19/14	Thu 3/20/14						
963	Install Camera Equipment and Flash Units	0.25 days	Wed 3/19/14	Wed 3/19/14						
964	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 3/19/14	Wed 3/19/14						
965	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 3/20/14	Thu 3/20/14						
966	1351 - NB Woodley @ Busway	1 day	Thu 3/20/14	Fri 3/21/14						
967	Install Camera Equipment and Flash Units	0.25 days	Thu 3/20/14	Thu 3/20/14						
968	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 3/20/14	Thu 3/20/14						
969	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 3/21/14	Fri 3/21/14						
970	1342 - SB Sepulveda Bl @ Busway	1 day	Fri 3/21/14	Mon 3/24/14						
971	Install Camera Equipment and Flash Units	0.25 days	Fri 3/21/14	Fri 3/21/14						
972	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 3/21/14	Fri 3/21/14						
973	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 3/24/14	Mon 3/24/14						

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ID	Task Name	Duration	Start	Finish	2014				2015								
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4			
974	1341 - NB Sepulveda Bl @ Busway Install Camera Equipment and Flash Units	1 day	Mon 3/24/14	Tue 3/25/14													
975	Install Interconnection Cabling and Terminate Camera System and Flashes	0.25 days	Mon 3/24/14	Mon 3/24/14													
976		0.5 days	Mon 3/24/14	Mon 3/24/14													
977	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 3/25/14	Tue 3/25/14													
978	1332 - SB Kester Ave @ Busway	1 day	Tue 3/25/14	Wed 3/26/14													
979	Install Camera Equipment and Flash Units	0.25 days	Tue 3/25/14	Tue 3/25/14													
980	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 3/25/14	Tue 3/25/14													
981	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 3/26/14	Wed 3/26/14													
982	1331 - NB Kester Ave @ Busway	1 day	Wed 3/26/14	Thu 3/27/14													
983	Install Camera Equipment and Flash Units	0.25 days	Wed 3/26/14	Wed 3/26/14													
984	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 3/26/14	Wed 3/26/14													
985	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 3/27/14	Thu 3/27/14													
986	1322 - SB Woodman Ave @ Busway	1 day	Thu 3/27/14	Fri 3/28/14													
987	Install Camera Equipment and Flash Units	0.25 days	Thu 3/27/14	Thu 3/27/14													
988	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 3/27/14	Thu 3/27/14													
989	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 3/28/14	Fri 3/28/14													
990	1321 - NB Woodman Ave @ Busway	1 day	Fri 3/28/14	Mon 3/31/14													
991	Install Camera Equipment and Flash Units	0.25 days	Fri 3/28/14	Fri 3/28/14													
992	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 3/28/14	Fri 3/28/14													
993	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 3/31/14	Mon 3/31/14													
994	1313 - EB Oxnard St @ Buffalo Ave	1 day	Mon 3/31/14	Tue 4/1/14													
995	Install Camera Equipment and Flash Units	0.25 days	Mon 3/31/14	Mon 3/31/14													
996	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 3/31/14	Mon 3/31/14													
997	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 4/1/14	Tue 4/1/14													
998	1314 - WB Oxnard St @ Buffalo Ave	1 day	Tue 4/1/14	Wed 4/2/14													
999	Install Camera Equipment and Flash Units	0.25 days	Tue 4/1/14	Tue 4/1/14													
1000	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 4/1/14	Tue 4/1/14													
1001	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 4/2/14	Wed 4/2/14													
1002	1302 - SB Tujunga Ave @ Busway	1 day	Wed 4/2/14	Thu 4/3/14													
1003	Install Camera Equipment and Flash Units	0.25 days	Wed 4/2/14	Wed 4/2/14													
1004	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 4/2/14	Wed 4/2/14													
1005	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 4/3/14	Thu 4/3/14													
1006	1301 - NB Tujunga Ave @ Busway	1 day	Thu 4/3/14	Fri 4/4/14													
1007	Install Camera Equipment and Flash Units	0.25 days	Thu 4/3/14	Thu 4/3/14													
1008	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 4/3/14	Thu 4/3/14													

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ID	Task Name	Duration	Start	Finish	2014				2015						
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	
1009	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 4/4/14	Fri 4/4/14											
1010	Installation Check-Off	23.5 days	Mon 3/3/14	Fri 4/4/14											
1011	1412 - SB De Soto Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Mon 3/3/14	Tue 3/4/14											
1012	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 3/3/14	Tue 3/4/14											
1013	1415 - WB to NE De Soto Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Mon 3/3/14	Tue 3/4/14											
1014	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 3/4/14	Wed 3/5/14											
1015	Construction Manager Check-Off (Check List)	0.5 days	Tue 3/4/14	Wed 3/5/14											
1016	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 3/4/14	Wed 3/5/14											
1017	1402 - SB Mason Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Wed 3/5/14	Thu 3/6/14											
1018	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 3/5/14	Thu 3/6/14											
1019	1405 - WB to NE Mason Ave @ Victory BI Construction Manager Check-Off (Check List)	0.5 days	Wed 3/5/14	Thu 3/6/14											
1020	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 3/6/14	Fri 3/7/14											
1021	Construction Manager Check-Off (Check List)	0.5 days	Thu 3/6/14	Fri 3/7/14											
1022	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 3/6/14	Fri 3/7/14											
1023	1392 - SB Reseda BI @ Busway Construction Manager Check-Off (Check List)	0.5 days	Fri 3/7/14	Mon 3/10/14											
1024	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 3/7/14	Mon 3/10/14											
1025	1391 - NB Reseda BI @ Busway Construction Manager Check-Off (Check List)	0.5 days	Fri 3/7/14	Mon 3/10/14											
1026	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 3/10/14	Tue 3/11/14											
1027	Construction Manager Check-Off (Check List)	0.5 days	Mon 3/10/14	Tue 3/11/14											
1028	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 3/10/14	Tue 3/11/14											
1029	1382 - SB Lindley Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Tue 3/11/14	Wed 3/12/14											
1030	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 3/11/14	Wed 3/12/14											
1031	1385 - WB to NB Lindley Ave & Oxnard St Construction Manager Check-Off (Check List)	0.5 days	Tue 3/11/14	Wed 3/12/14											
1032	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 3/12/14	Thu 3/13/14											
1033	Construction Manager Check-Off (Check List)	0.5 days	Wed 3/12/14	Thu 3/13/14											
1034	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 3/12/14	Thu 3/13/14											
1035	1372 - SB White Oak Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Thu 3/13/14	Fri 3/14/14											
1036	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 3/13/14	Fri 3/14/14											
1037	1371 - NB White Oak Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Thu 3/13/14	Fri 3/14/14											
1038	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 3/14/14	Mon 3/17/14											
1039	Construction Manager Check-Off (Check List)	0.5 days	Fri 3/14/14	Mon 3/17/14											
1040	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 3/14/14	Mon 3/17/14											
1041	1362 - SB Balboa BI @ Busway Construction Manager Check-Off (Check List)	0.5 days	Mon 3/17/14	Tue 3/18/14											
1042	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 3/17/14	Tue 3/18/14											
1043	1361 - NB Balboa BI @ Busway Construction Manager Check-Off (Check List)	0.5 days	Mon 3/17/14	Tue 3/18/14											
1044	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 3/18/14	Wed 3/19/14											
1045	Construction Manager Check-Off (Check List)	0.5 days	Tue 3/18/14	Wed 3/19/14											
1046	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 3/18/14	Wed 3/19/14											
1047	1352 - SB Woodley @ Busway Construction Manager Check-Off (Check List)	0.5 days	Wed 3/19/14	Thu 3/20/14											
1048	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 3/19/14	Thu 3/20/14											
1049	Construction Manager Check-Off (Check List)	0.5 days	Wed 3/19/14	Thu 3/20/14											

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					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
1050	1351 - NB Woodley @ Busway Construction Manager Check-Off (Check List)	0.5 days	Thu 3/20/14	Fri 3/21/14																
1051	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 3/20/14	Fri 3/21/14																
1052	1342 - SB Sepulveda BI @ Busway Construction Manager Check-Off (Check List)	0.5 days	Fri 3/21/14	Mon 3/24/14																
1053	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 3/21/14	Mon 3/24/14																
1054	1341 - NB Sepulveda BI @ Busway Construction Manager Check-Off (Check List)	0.5 days	Mon 3/24/14	Tue 3/25/14																
1055	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 3/24/14	Tue 3/25/14																
1056	1332 - SB Kester Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Mon 3/24/14	Tue 3/25/14																
1057	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 3/24/14	Tue 3/25/14																
1058	1331 - NB Kester Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Tue 3/25/14	Wed 3/26/14																
1059	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 3/25/14	Wed 3/26/14																
1060	1322 - SB Woodman Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Wed 3/26/14	Thu 3/27/14																
1061	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 3/26/14	Thu 3/27/14																
1062	1321 - NB Woodman Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Wed 3/26/14	Thu 3/27/14																
1063	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 3/26/14	Thu 3/27/14																
1064	1314 - WB Oxnard St @ Buffalo Ave Construction Manager Check-Off (Check List)	0.5 days	Thu 3/27/14	Fri 3/28/14																
1065	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 3/27/14	Fri 3/28/14																
1066	1302 - SB Tujunga Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Thu 3/27/14	Fri 3/28/14																
1067	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 3/27/14	Fri 3/28/14																
1068	1313 - EB Oxnard St @ Buffalo Ave Construction Manager Check-Off (Check List)	0.5 days	Fri 3/28/14	Mon 3/31/14																
1069	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 3/28/14	Mon 3/31/14																
1070	1301 - NB Tujunga Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Fri 3/28/14	Mon 3/31/14																
1071	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 3/28/14	Mon 3/31/14																
1072	1314 - WB Oxnard St @ Buffalo Ave Construction Manager Check-Off (Check List)	0.5 days	Mon 3/31/14	Tue 4/1/14																
1073	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 3/31/14	Tue 4/1/14																
1074	1302 - SB Tujunga Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Mon 3/31/14	Tue 4/1/14																
1075	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 3/31/14	Tue 4/1/14																
1076	1301 - NB Tujunga Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Tue 4/1/14	Wed 4/2/14																
1077	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 4/1/14	Wed 4/2/14																
1078	1314 - WB Oxnard St @ Buffalo Ave Construction Manager Check-Off (Check List)	0.5 days	Wed 4/2/14	Thu 4/3/14																
1079	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 4/2/14	Thu 4/3/14																
1080	1301 - NB Tujunga Ave @ Busway Construction Manager Check-Off (Check List)	0.5 days	Wed 4/2/14	Thu 4/3/14																
1081	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 4/2/14	Thu 4/3/14																
1082	1412 - SB De Soto Ave @ Busway Provide Communications Engineer with Location Name, Description, Location Code of approaches	98.65 days	Thu 11/7/13	Tue 4/8/14																
1083	IP Log is created and distribute on SharePoint	75.65 days	Thu 11/7/13	Thu 3/6/14																
1084	Apply for New Comms Service	1 day	Thu 11/7/13	Fri 11/8/13																
1085	Application Processed by Service Provider / Approval	1 day	Thu 11/7/13	Mon 11/11/13																
1086	Modem Installation	15 days	Fri 11/8/13	Tue 12/5/13																
1087		0.5 days	Mon 11/11/13	Tue 3/4/14																
1088			Tue 11/12/13																	
1089			Tue 3/4/14																	

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ID	Task Name	Duration	Start	Finish	2014				2015													
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2										
1090	Router Installation	0.5 days	Tue 3/4/14	Wed 3/5/14																		
1091	Program Camera with data center IP Scheme	0.5 days	Wed 3/5/14	Wed 3/5/14																		
1092	Test Connectivity with data center	0.5 days	Wed 3/5/14	Thu 3/6/14																		
1093	1415 - WB to NE De Soto Ave @ Busway	76.65 days	Thu 11/7/13	Fri 3/7/14																		
1094	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																		
1095	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																		
1096	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																		
1097	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																		
1098	Modem Installation	0.5 days	Wed 3/5/14	Wed 3/5/14																		
1099	Router Installation	0.5 days	Wed 3/5/14	Thu 3/6/14																		
1100	Program Camera with data center IP Scheme	0.5 days	Thu 3/6/14	Thu 3/6/14																		
1101	Test Connectivity with data center	0.5 days	Thu 3/6/14	Fri 3/7/14																		
1102	1402 - SB Mason Ave @ Busway	77.65 days	Thu 11/7/13	Mon 3/10/14																		
1103	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																		
1104	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																		
1105	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																		
1106	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																		
1107	Modem Installation	0.5 days	Thu 3/6/14	Thu 3/6/14																		
1108	Router Installation	0.5 days	Thu 3/6/14	Fri 3/7/14																		
1109	Program Camera with data center IP Scheme	0.5 days	Fri 3/7/14	Fri 3/7/14																		
1110	Test Connectivity with data center	0.5 days	Fri 3/7/14	Mon 3/10/14																		
1111	1405 - WB to NE Mason Ave @ Victory BI	78.65 days	Thu 11/7/13	Tue 3/11/14																		
1112	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																		
1113	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																		
1114	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																		
1115	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																		
1116	Modem Installation	0.5 days	Fri 3/7/14	Fri 3/7/14																		
1117	Router Installation	0.5 days	Fri 3/7/14	Mon 3/10/14																		
1118	Program Camera with data center IP Scheme	0.5 days	Mon 3/10/14	Mon 3/10/14																		
1119	Test Connectivity with data center	0.5 days	Mon 3/10/14	Tue 3/11/14																		
1120	1392 - SB Reeseda BI @ Busway	79.65 days	Thu 11/7/13	Wed 3/12/14																		
1121	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																		
1122	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																		
1123	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																		
1124	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																		
1125	Modem Installation	0.5 days	Mon 3/10/14	Mon 3/10/14																		
1126	Router Installation	0.5 days	Mon 3/10/14	Tue 3/11/14																		
1127	Program Camera with data center IP Scheme	0.5 days	Tue 3/11/14	Tue 3/11/14																		

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ID	Task Name	Duration	Start	Finish	2014				2015						
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	
1128	Test Connectivity with data center	0.5 days	Tue 3/11/14	Wed 3/12/14											
1129	1391 - NB Reseda Bl @ Busway Provide Communications Engineer with Location Name, Description, Location Code of approaches	80.65 days	Thu 11/17/13	Thu 3/13/14											
1130	IP Log is created and distribute on SharePoint	1 day	Thu 11/17/13	Fri 11/18/13											
1131	Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13											
1132	Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13											
1133	Modem Installation	15 days	Tue 11/12/13	Tue 12/5/13											
1134	Router Installation	0.5 days	Tue 3/11/14	Tue 3/11/14											
1135	Program Camera with data center IP Scheme	0.5 days	Tue 3/11/14	Wed 3/12/14											
1136	Test Connectivity with data center	0.5 days	Wed 3/12/14	Wed 3/12/14											
1137	1382 - SB Lindley Ave @ Busway Provide Communications Engineer with Location Name, Description, Location Code of approaches	81.65 days	Thu 11/17/13	Fri 3/14/14											
1138	IP Log is created and distribute on SharePoint	1 day	Thu 11/17/13	Fri 11/18/13											
1139	Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13											
1140	Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13											
1141	Modem Installation	15 days	Tue 11/12/13	Thu 12/5/13											
1142	Router Installation	0.5 days	Wed 3/12/14	Wed 3/12/14											
1143	Program Camera with data center IP Scheme	0.5 days	Wed 3/12/14	Thu 3/13/14											
1144	Test Connectivity with data center	0.5 days	Thu 3/13/14	Fri 3/14/14											
1145	1385 - WB to NB Lindley Ave & Oxnard St Provide Communications Engineer with Location Name, Description, Location Code of approaches	82.65 days	Thu 11/17/13	Mon 3/17/14											
1146	IP Log is created and distribute on SharePoint	1 day	Thu 11/17/13	Fri 11/18/13											
1147	Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13											
1148	Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13											
1149	Modem Installation	15 days	Tue 11/12/13	Thu 12/5/13											
1150	Router Installation	0.5 days	Wed 3/13/14	Wed 3/13/14											
1151	Program Camera with data center IP Scheme	0.5 days	Wed 3/13/14	Thu 3/13/14											
1152	Test Connectivity with data center	0.5 days	Thu 3/13/14	Fri 3/14/14											
1153	1372 - SB White Oak Ave @ Busway Provide Communications Engineer with Location Name, Description, Location Code of approaches	83.65 days	Thu 11/17/13	Tue 3/18/14											
1154	IP Log is created and distribute on SharePoint	1 day	Thu 11/17/13	Fri 11/18/13											
1155	Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13											
1156	Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13											
1157	Modem Installation	15 days	Tue 11/12/13	Thu 12/5/13											
1158	Router Installation	0.5 days	Thu 3/13/14	Thu 3/13/14											
1159	Program Camera with data center IP Scheme	0.5 days	Thu 3/13/14	Fri 3/14/14											
1160	Test Connectivity with data center	0.5 days	Fri 3/14/14	Fri 3/14/14											
1161	1371 - NB White Oak Ave @ Busway Provide Communications Engineer with Location Name, Description, Location Code of approaches	84.65 days	Fri 3/14/14	Mon 3/17/14											
1162	IP Log is created and distribute on SharePoint	1 day	Thu 11/17/13	Fri 11/18/13											
1163	Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13											
1164	Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13											
1165	Modem Installation	15 days	Tue 11/12/13	Tue 12/5/13											
1166	Router Installation	0.5 days	Fri 3/14/14	Fri 3/14/14											
1167	Program Camera with data center IP Scheme	0.5 days	Fri 3/14/14	Mon 3/17/14											
1168	Test Connectivity with data center	0.5 days	Mon 3/17/14	Mon 3/17/14											
1169	1371 - NB White Oak Ave @ Busway	84.65 days	Mon 3/17/14	Tue 3/18/14											
1170	Test Connectivity with data center	84.65 days	Thu 11/17/13	Wed 3/19/14											

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
1166	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1167	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1168	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1169	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1170	Modem Installation	0.5 days	Mon 3/17/14	Mon 3/17/14																
1171	Router Installation	0.5 days	Mon 3/17/14	Tue 3/18/14																
1172	Program Camera with data center IP Scheme	0.5 days	Tue 3/18/14	Tue 3/18/14																
1173	Test Connectivity with data center	0.5 days	Tue 3/18/14	Wed 3/19/14																
1174	1362 - SB Balboa BI @ Busway	86.65 days	Thu 11/7/13	Thu 3/20/14																
1175	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1176	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1177	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1178	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1179	Modem Installation	0.5 days	Tue 3/18/14	Tue 3/18/14																
1180	Router Installation	0.5 days	Tue 3/18/14	Wed 3/19/14																
1181	Program Camera with data center IP Scheme	0.5 days	Wed 3/19/14	Wed 3/19/14																
1182	Test Connectivity with data center	0.5 days	Wed 3/19/14	Thu 3/20/14																
1183	1361 - NB Balboa BI @ Busway	86.65 days	Thu 11/7/13	Fri 3/21/14																
1184	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1185	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1186	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1187	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1188	Modem Installation	0.5 days	Wed 3/19/14	Wed 3/19/14																
1189	Router Installation	0.5 days	Wed 3/19/14	Thu 3/20/14																
1190	Program Camera with data center IP Scheme	0.5 days	Thu 3/20/14	Thu 3/20/14																
1191	Test Connectivity with data center	0.5 days	Thu 3/20/14	Fri 3/21/14																
1192	1352 - SB Woodley @ Busway	87.65 days	Thu 11/7/13	Mon 3/24/14																
1193	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1194	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1195	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1196	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1197	Modem Installation	0.5 days	Thu 3/20/14	Thu 3/20/14																
1198	Router Installation	0.5 days	Thu 3/20/14	Fri 3/21/14																
1199	Program Camera with data center IP Scheme	0.5 days	Fri 3/21/14	Fri 3/21/14																
1200	Test Connectivity with data center	0.5 days	Fri 3/21/14	Mon 3/24/14																
1201	1351 - NB Woodley @ Busway	88.65 days	Thu 11/7/13	Tue 3/25/14																
1202	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
1203	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1204	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1205	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1206	Modem Installation	0.5 days	Fri 3/21/14	Fri 3/21/14																
1207	Router Installation	0.5 days	Fri 3/21/14	Mon 3/24/14																
1208	Program Camera with data center IP Scheme	0.5 days	Mon 3/24/14	Mon 3/24/14																
1209	Test Connectivity with data center	0.5 days	Mon 3/24/14	Tue 3/25/14																
1210	1342 - SB Sepulveda BI @ Busway	89.65 days	Thu 11/7/13	Wed 3/26/14																
1211	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1212	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1213	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1214	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1215	Modem Installation	0.5 days	Mon 3/24/14	Mon 3/24/14																
1216	Router Installation	0.5 days	Mon 3/24/14	Tue 3/25/14																
1217	Program Camera with data center IP Scheme	0.5 days	Tue 3/25/14	Tue 3/25/14																
1218	Test Connectivity with data center	0.5 days	Tue 3/25/14	Wed 3/26/14																
1219	1341 - NB Sepulveda BI @ Busway	90.65 days	Thu 11/7/13	Thu 3/27/14																
1220	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1221	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1222	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1223	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1224	Modem Installation	0.5 days	Tue 3/25/14	Tue 3/25/14																
1225	Router Installation	0.5 days	Tue 3/25/14	Wed 3/26/14																
1226	Program Camera with data center IP Scheme	0.5 days	Wed 3/26/14	Wed 3/26/14																
1227	Test Connectivity with data center	0.5 days	Wed 3/26/14	Thu 3/27/14																
1228	1332 - SB Kester Ave @ Busway	91.65 days	Thu 11/7/13	Fri 3/28/14																
1229	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1230	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1231	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1232	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1233	Modem Installation	0.5 days	Wed 3/26/14	Wed 3/26/14																
1234	Router Installation	0.5 days	Wed 3/26/14	Thu 3/27/14																
1235	Program Camera with data center IP Scheme	0.5 days	Thu 3/27/14	Thu 3/27/14																
1236	Test Connectivity with data center	0.5 days	Thu 3/27/14	Fri 3/28/14																
1237	1331 - NB Kester Ave @ Busway	92.65 days	Thu 11/7/13	Mon 3/31/14																
1238	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1239	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1240	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1									
1241	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1242	Modem Installation	0.5 days	Thu 3/27/14	Thu 3/27/14																
1243	Router Installation	0.5 days	Fri 3/28/14	Fri 3/28/14																
1244	Program Camera with data center IP Scheme	0.5 days	Fri 3/28/14	Fri 3/28/14																
1245	Test Connectivity with data center	0.5 days	Fri 3/28/14	Mon 3/31/14																
1246	1322 - SB Woodman Ave @ Busway	93.65 days	Thu 11/7/13	Tue 4/1/14																
1247	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1248	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1249	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1250	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1251	Modem Installation	0.5 days	Fri 3/28/14	Fri 3/28/14																
1252	Router Installation	0.5 days	Fri 3/28/14	Mon 3/31/14																
1253	Program Camera with data center IP Scheme	0.5 days	Fri 3/28/14	Mon 3/31/14																
1254	Test Connectivity with data center	0.5 days	Mon 3/31/14	Mon 3/31/14																
1255	1321 - NB Woodman Ave @ Busway	94.65 days	Thu 11/7/13	Wed 4/2/14																
1256	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1257	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1258	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1259	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1260	Modem Installation	0.5 days	Mon 3/31/14	Mon 3/31/14																
1261	Router Installation	0.5 days	Mon 3/31/14	Tue 4/1/14																
1262	Program Camera with data center IP Scheme	0.5 days	Tue 4/1/14	Tue 4/1/14																
1263	Test Connectivity with data center	0.5 days	Tue 4/1/14	Wed 4/2/14																
1264	1313 - EB Oxnard St @ Buffalo Ave	95.65 days	Thu 11/7/13	Thu 4/3/14																
1265	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1266	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1267	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1268	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1269	Modem Installation	0.5 days	Tue 4/1/14	Tue 4/1/14																
1270	Router Installation	0.5 days	Tue 4/1/14	Wed 4/2/14																
1271	Program Camera with data center IP Scheme	0.5 days	Tue 4/1/14	Wed 4/2/14																
1272	Test Connectivity with data center	0.5 days	Wed 4/2/14	Thu 4/3/14																
1273	1314 - WB Oxnard St @ Buffalo Ave	96.65 days	Thu 11/7/13	Fri 4/4/14																
1274	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1275	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1276	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1277	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1278	Modem Installation	0.5 days	Wed 4/2/14	Wed 4/2/14																

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
1279	Router installation	0.5 days	Wed 4/2/14	Thu 4/3/14																
1280	Program Camera with data center IP Scheme	0.5 days	Thu 4/3/14	Thu 4/3/14																
1281	Test Connectivity with data center	0.5 days	Thu 4/3/14	Fri 4/4/14																
1282	1302 - SB Tujunga Ave @ Busway	97.65 days	Thu 11/7/13	Mon 4/7/14																
1283	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1284	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1285	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1286	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 4/3/14																
1287	Modem Installation	0.5 days	Thu 4/3/14	Thu 4/3/14																
1288	Router Installation	0.5 days	Thu 4/3/14	Fri 4/4/14																
1289	Program Camera with data center IP Scheme	0.5 days	Thu 4/3/14	Fri 4/4/14																
1290	Test Connectivity with data center	0.5 days	Fri 4/4/14	Fri 4/4/14																
1291	1301 - NB Tujunga Ave @ Busway	98.65 days	Thu 11/7/13	Tue 4/8/14																
1292	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1293	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1294	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1295	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1296	Modem Installation	0.5 days	Fri 4/4/14	Fri 4/4/14																
1297	Router Installation	0.5 days	Fri 4/4/14	Mon 4/7/14																
1298	Program Camera with data center IP Scheme	0.5 days	Mon 4/7/14	Mon 4/7/14																
1299	Test Connectivity with data center	0.5 days	Mon 4/7/14	Tue 4/8/14																
1300	Image Quality System Engineering	27 days	Mon 4/7/14	Thu 4/10/14																
1301	1412 - SB De Soto Ave @ Busway	4 days	Tue 3/4/14	Mon 3/10/14																
1302	Power on camera system and testing	1 day	Tue 3/4/14	Wed 3/5/14																
1303	Test data communications and downloads	1 day	Wed 3/5/14	Thu 3/6/14																
1304	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 3/6/14	Fri 3/7/14																
1305	Image Quality Check-Off (Check List)	0.5 days	Fri 3/7/14	Mon 3/10/14																
1306	1415 - WB to NB De Soto Ave @ Busway	4 days	Wed 3/5/14	Tue 3/11/14																
1307	Power on camera system and testing	1 day	Wed 3/5/14	Thu 3/6/14																
1308	Test data communications and downloads	1 day	Thu 3/6/14	Fri 3/7/14																
1309	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 3/7/14	Mon 3/10/14																
1310	Image Quality Check-Off (Check List)	0.5 days	Mon 3/10/14	Tue 3/11/14																
1311	1402 - SB Mason Ave @ Busway	4 days	Thu 3/6/14	Wed 3/12/14																
1312	Power on camera system and testing	1 day	Thu 3/6/14	Fri 3/7/14																
1313	Test data communications and downloads	1 day	Fri 3/7/14	Mon 3/10/14																
1314	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 3/10/14	Tue 3/11/14																
1315	Image Quality Check-Off (Check List)	0.5 days	Tue 3/11/14	Wed 3/12/14																
1316	1405 - WB to NB Mason Ave @ Victory Bl	4 days	Fri 3/7/14	Thu 3/13/14																
1317	Power on camera system and testing	1 day	Fri 3/7/14	Mon 3/10/14																

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ID	Task Name	Duration	Start	Finish	2014				2015	
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1318	Test data communications and downloads	1 day	Mon 3/10/14	Tue 3/11/14					I	
1319	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 3/11/14	Wed 3/12/14					I	
1320	Image Quality Check-Off (Check List)	0.5 days	Wed 3/12/14	Thu 3/13/14					I	
1321	1392 - SB Reseda BI @ Busway	4 days	Mon 3/10/14	Fri 3/14/14					I	
1322	Power on camera system and testing	1 day	Mon 3/10/14	Tue 3/11/14					I	
1323	Test data communications and downloads	1 day	Tue 3/11/14	Wed 3/12/14					I	
1324	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 3/12/14	Thu 3/13/14					I	
1325	Image Quality Check-Off (Check List)	0.5 days	Thu 3/13/14	Fri 3/14/14					I	
1326	1391 - NB Reseda BI @ Busway	4 days	Tue 3/11/14	Mon 3/17/14					I	
1327	Power on camera system and testing	1 day	Tue 3/11/14	Wed 3/12/14					I	
1328	Test data communications and downloads	1 day	Wed 3/12/14	Thu 3/13/14					I	
1329	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 3/13/14	Fri 3/14/14					I	
1330	Image Quality Check-Off (Check List)	0.5 days	Fri 3/14/14	Mon 3/17/14					I	
1331	1382 - SB Lindley Ave @ Busway	4 days	Wed 3/12/14	Tue 3/18/14					I	
1332	Power on camera system and testing	1 day	Wed 3/12/14	Thu 3/13/14					I	
1333	Test data communications and downloads	1 day	Thu 3/13/14	Fri 3/14/14					I	
1334	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 3/14/14	Mon 3/17/14					I	
1335	Image Quality Check-Off (Check List)	0.5 days	Mon 3/17/14	Tue 3/18/14					I	
1336	1385 - WB to NB Lindley Ave & Oxnard St	4 days	Wed 3/12/14	Wed 3/19/14					I	
1337	Power on camera system and testing	1 day	Wed 3/12/14	Thu 3/13/14					I	
1338	Test data communications and downloads	1 day	Thu 3/13/14	Fri 3/14/14					I	
1339	Finalize Alignment, Image Quality and Tuning	1 day	Fri 3/14/14	Mon 3/17/14					I	
1340	Image Quality Check-Off (Check List)	1.5 days	Mon 3/17/14	Tue 3/18/14					I	
1341	1372 - SB White Oak Ave @ Busway	0.5 days	Tue 3/18/14	Wed 3/19/14					I	
1342	Power on camera system and testing	4 days	Fri 3/14/14	Thu 3/20/14					I	
1343	Test data communications and downloads	1 day	Fri 3/14/14	Mon 3/17/14					I	
1344	Finalize Alignment, Image Quality and Tuning	1 day	Mon 3/17/14	Tue 3/18/14					I	
1345	Image Quality Check-Off (Check List)	1.5 days	Tue 3/18/14	Wed 3/19/14					I	
1346	1371 - NB White Oak Ave @ Busway	0.5 days	Wed 3/19/14	Thu 3/20/14					I	
1347	Power on camera system and testing	4.75 days	Mon 3/17/14	Fri 3/21/14					I	
1348	Test data communications and downloads	1 day	Mon 3/17/14	Tue 3/18/14					I	
1349	Finalize Alignment, Image Quality and Tuning	1 day	Tue 3/18/14	Wed 3/19/14					I	
1350	Image Quality Check-Off (Check List)	1.5 days	Wed 3/19/14	Thu 3/20/14					I	
1351	1362 - SB Balboa BI @ Busway	0.5 days	Fri 3/21/14	Fri 3/21/14					I	
1352	Power on camera system and testing	4 days	Tue 3/18/14	Mon 3/24/14					I	
1353	Test data communications and downloads	1 day	Tue 3/18/14	Wed 3/19/14					I	
1354	Finalize Alignment, Image Quality and Tuning	1 day	Wed 3/19/14	Thu 3/20/14					I	
1355	Image Quality Check-Off (Check List)	1.5 days	Thu 3/20/14	Fri 3/21/14					I	
1356	1361 - NB Balboa BI @ Busway	0.5 days	Fri 3/21/14	Mon 3/24/14					I	
1357	Power on camera system and testing	4 days	Wed 3/19/14	Tue 3/25/14					I	
1358	Test data communications and downloads	1 day	Wed 3/19/14	Thu 3/20/14					I	

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ID	Task Name	Duration	Start	Finish	2014				2015										
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2							
1359	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 3/21/14	Mon 3/24/14															
1360	Image Quality Check-Off (Check List)	0.5 days	Mon 3/24/14	Tue 3/25/14															
1361	1362 - SB Woodley @ Busway	4.75 days	Thu 3/20/14	Wed 3/26/14															
1362	Power on camera system and testing	1 day	Thu 3/20/14	Fri 3/21/14															
1363	Test data communications and downloads	1 day	Fri 3/21/14	Mon 3/24/14															
1364	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 3/24/14	Tue 3/25/14															
1365	Image Quality Check-Off (Check List)	0.5 days	Wed 3/26/14	Wed 3/26/14															
1366	1351 - NB Woodley @ Busway	4 days	Fri 3/21/14	Thu 3/27/14															
1367	Power on camera system and testing	1 day	Fri 3/21/14	Mon 3/24/14															
1368	Test data communications and downloads	1 day	Mon 3/24/14	Tue 3/25/14															
1369	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 3/25/14	Wed 3/26/14															
1370	Image Quality Check-Off (Check List)	0.5 days	Wed 3/26/14	Thu 3/27/14															
1371	1342 - SB Sepulveda BI @ Busway	4 days	Mon 3/24/14	Fri 3/28/14															
1372	Power on camera system and testing	1 day	Mon 3/24/14	Tue 3/25/14															
1373	Test data communications and downloads	1 day	Tue 3/25/14	Wed 3/26/14															
1374	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 3/26/14	Thu 3/27/14															
1375	Image Quality Check-Off (Check List)	0.5 days	Thu 3/27/14	Fri 3/28/14															
1376	1341 - NB Sepulveda BI @ Busway	4 days	Tue 3/25/14	Mon 3/31/14															
1377	Power on camera system and testing	1 day	Tue 3/25/14	Wed 3/26/14															
1378	Test data communications and downloads	1 day	Wed 3/26/14	Thu 3/27/14															
1379	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 3/27/14	Fri 3/28/14															
1380	Image Quality Check-Off (Check List)	0.5 days	Fri 3/28/14	Mon 3/31/14															
1381	1332 - SB Kester Ave @ Busway	4.75 days	Wed 3/26/14	Tue 4/1/14															
1382	Power on camera system and testing	1 day	Wed 3/26/14	Thu 3/27/14															
1383	Test data communications and downloads	1 day	Thu 3/27/14	Fri 3/28/14															
1384	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 3/28/14	Mon 3/31/14															
1385	Image Quality Check-Off (Check List)	0.5 days	Tue 4/1/14	Tue 4/1/14															
1386	1331 - NB Kester Ave @ Busway	4.75 days	Thu 3/27/14	Wed 4/2/14															
1387	Power on camera system and testing	1 day	Thu 3/27/14	Fri 3/28/14															
1388	Test data communications and downloads	1 day	Fri 3/28/14	Mon 3/31/14															
1389	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 3/31/14	Tue 4/1/14															
1390	Image Quality Check-Off (Check List)	0.5 days	Wed 4/2/14	Wed 4/2/14															
1391	1322 - SB Woodman Ave @ Busway	4 days	Fri 3/28/14	Thu 4/3/14															
1392	Power on camera system and testing	1 day	Fri 3/28/14	Mon 3/31/14															
1393	Test data communications and downloads	1 day	Mon 3/31/14	Tue 4/1/14															
1394	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 4/1/14	Wed 4/2/14															
1395	Image Quality Check-Off (Check List)	0.5 days	Wed 4/2/14	Thu 4/3/14															
1396	1321 - NB Woodman Ave @ Busway	4 days	Mon 3/31/14	Fri 4/4/14															
1397	Power on camera system and testing	1 day	Mon 3/31/14	Tue 4/1/14															
1398	Test data communications and downloads	1 day	Tue 4/1/14	Wed 4/2/14															
1399	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 4/2/14	Thu 4/3/14															

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ID	Task Name	Duration	Start	Finish	2014				2015								
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4			
1400	Image Quality Check-Off (Check List)	0.5 days	Thu 4/3/14	Fri 4/4/14													
1401	1313 - EB Oxnard St @ Buffalo Ave	4 days	Tue 4/1/14	Mon 4/7/14													
1402	Power on camera system and testing	1 day	Tue 4/1/14	Wed 4/2/14													
1403	Test data communications and downloads	1 day	Wed 4/2/14	Thu 4/3/14													
1404	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 4/3/14	Fri 4/4/14													
1405	Image Quality Check-Off (Check List)	0.5 days	Fri 4/4/14	Mon 4/7/14													
1406	1314 - WB Oxnard St @ Buffalo Ave	4 days	Wed 4/2/14	Tue 4/8/14													
1407	Power on camera system and testing	1 day	Wed 4/2/14	Thu 4/3/14													
1408	Test data communications and downloads	1 day	Thu 4/3/14	Fri 4/4/14													
1409	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 4/4/14	Mon 4/7/14													
1410	Image Quality Check-Off (Check List)	0.5 days	Mon 4/7/14	Tue 4/8/14													
1411	1302 - SB Tujunga Ave @ Busway	4 days	Thu 4/3/14	Wed 4/9/14													
1412	Power on camera system and testing	1 day	Thu 4/3/14	Fri 4/4/14													
1413	Test data communications and downloads	1 day	Fri 4/4/14	Mon 4/7/14													
1414	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 4/7/14	Tue 4/8/14													
1415	Image Quality Check-Off (Check List)	0.5 days	Tue 4/8/14	Wed 4/9/14													
1416	1301 - NB Tujunga Ave @ Busway	4 days	Fri 4/4/14	Thu 4/10/14													
1417	Power on camera system and testing	1 day	Fri 4/4/14	Mon 4/7/14													
1418	Test data communications and downloads	1 day	Mon 4/7/14	Tue 4/8/14													
1419	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 4/8/14	Wed 4/9/14													
1420	Image Quality Check-Off (Check List)	0.5 days	Wed 4/9/14	Thu 4/10/14													
1421	Site Acceptance	32.75 days	Mon 3/10/14	Wed 4/23/14													
1422	1412 - SB De Soto Ave @ Busway	4.75 days	Mon 3/10/14	Fri 3/14/14													
1423	Engineering Acceptance Sign-Off	0.25 days	Mon 3/10/14	Mon 3/10/14													
1424	Maintenance Acceptance Sign-Off	0.25 days	Mon 3/10/14	Mon 3/10/14													
1425	Program Management Acceptance Sign-Off	0.25 days	Fri 3/14/14	Fri 3/14/14													
1426	1415 - WB to NB De Soto Ave @ Busway	4.75 days	Tue 3/11/14	Mon 3/17/14													
1427	Engineering Acceptance Sign-Off	0.25 days	Tue 3/11/14	Tue 3/11/14													
1428	Maintenance Acceptance Sign-Off	0.25 days	Tue 3/11/14	Tue 3/11/14													
1429	Program Management Acceptance Sign-Off	0.25 days	Mon 3/17/14	Mon 3/17/14													
1430	1402 - SB Mason Ave @ Busway	4.75 days	Wed 3/12/14	Tue 3/18/14													
1431	Engineering Acceptance Sign-Off	0.25 days	Wed 3/12/14	Wed 3/12/14													
1432	Maintenance Acceptance Sign-Off	0.25 days	Wed 3/12/14	Wed 3/12/14													
1433	Program Management Acceptance Sign-Off	0.25 days	Tue 3/18/14	Tue 3/18/14													
1434	1405 - WB to NE Mason Ave @ Victory Bl	4.75 days	Thu 3/13/14	Wed 3/19/14													
1435	Engineering Acceptance Sign-Off	0.25 days	Thu 3/13/14	Thu 3/13/14													
1436	Maintenance Acceptance Sign-Off	0.25 days	Thu 3/13/14	Thu 3/13/14													
1437	Program Management Acceptance Sign-Off	0.25 days	Wed 3/19/14	Wed 3/19/14													
1438	1392 - SB Reseda Bl @ Busway	5.75 days	Fri 3/14/14	Fri 3/21/14													
1439	Engineering Acceptance Sign-Off	0.25 days	Fri 3/14/14	Fri 3/14/14													
1440	Maintenance Acceptance Sign-Off	0.25 days	Fri 3/14/14	Fri 3/14/14													

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1									
1441	Program Management Acceptance Sign-Off	0.25 days	Fri 3/21/14	Fri 3/21/14																
1442	1391 - NB Reseda Bl @ Busway	5.75 days	Mon 3/17/14	Mon 3/24/14																
1443	Engineering Acceptance Sign-Off	0.25 days	Mon 3/17/14	Mon 3/17/14																
1444	Maintenance Acceptance Sign-Off	0.25 days	Mon 3/17/14	Mon 3/17/14																
1445	Program Management Acceptance Sign-Off	0.25 days	Mon 3/24/14	Mon 3/24/14																
1446	1382 - SB Lindley Ave @ Busway	5.75 days	Tue 3/18/14	Tue 3/25/14																
1447	Engineering Acceptance Sign-Off	0.25 days	Tue 3/18/14	Tue 3/18/14																
1448	Maintenance Acceptance Sign-Off	0.25 days	Tue 3/18/14	Tue 3/18/14																
1449	Program Management Acceptance Sign-Off	0.25 days	Tue 3/25/14	Tue 3/25/14																
1450	1386 - WB to NB Lindley Ave & Oxnard St	5.75 days	Wed 3/19/14	Wed 3/26/14																
1451	Engineering Acceptance Sign-Off	0.25 days	Wed 3/19/14	Wed 3/19/14																
1452	Maintenance Acceptance Sign-Off	0.25 days	Wed 3/19/14	Wed 3/19/14																
1453	Program Management Acceptance Sign-Off	0.25 days	Wed 3/26/14	Wed 3/26/14																
1454	1372 - SB White Oak Ave @ Busway	6.75 days	Thu 3/20/14	Fri 3/28/14																
1455	Engineering Acceptance Sign-Off	0.25 days	Thu 3/20/14	Thu 3/20/14																
1456	Maintenance Acceptance Sign-Off	0.25 days	Thu 3/20/14	Thu 3/20/14																
1457	Program Management Acceptance Sign-Off	0.25 days	Fri 3/28/14	Fri 3/28/14																
1458	1371 - NB White Oak Ave @ Busway	6.75 days	Mon 3/24/14	Tue 4/1/14																
1459	Engineering Acceptance Sign-Off	0.25 days	Mon 3/24/14	Mon 3/24/14																
1460	Maintenance Acceptance Sign-Off	0.25 days	Mon 3/24/14	Mon 3/24/14																
1461	Program Management Acceptance Sign-Off	0.25 days	Mon 3/24/14	Mon 3/24/14																
1462	1362 - SB Balboa Bl @ Busway	6.75 days	Tue 4/1/14	Tue 4/1/14																
1463	Engineering Acceptance Sign-Off	0.25 days	Mon 3/24/14	Tue 4/1/14																
1464	Maintenance Acceptance Sign-Off	0.25 days	Mon 3/24/14	Mon 3/24/14																
1465	Program Management Acceptance Sign-Off	0.25 days	Mon 3/24/14	Mon 3/24/14																
1466	1361 - NB Balboa Bl @ Busway	6.75 days	Tue 4/1/14	Wed 4/2/14																
1467	Engineering Acceptance Sign-Off	0.25 days	Tue 3/25/14	Wed 4/2/14																
1468	Maintenance Acceptance Sign-Off	0.25 days	Tue 3/25/14	Tue 3/25/14																
1469	Program Management Acceptance Sign-Off	0.25 days	Tue 3/25/14	Tue 3/25/14																
1470	1352 - SB Woodley @ Busway	7.75 days	Wed 4/2/14	Thu 3/27/14																
1471	Engineering Acceptance Sign-Off	0.25 days	Thu 3/27/14	Thu 3/27/14																
1472	Maintenance Acceptance Sign-Off	0.25 days	Thu 3/27/14	Thu 3/27/14																
1473	Program Management Acceptance Sign-Off	0.25 days	Thu 3/27/14	Thu 3/27/14																
1474	1361 - NB Woodley @ Busway	7.75 days	Mon 4/7/14	Mon 4/7/14																
1475	Engineering Acceptance Sign-Off	0.25 days	Thu 3/27/14	Mon 4/7/14																
1476	Maintenance Acceptance Sign-Off	0.25 days	Thu 3/27/14	Thu 3/27/14																
1477	Program Management Acceptance Sign-Off	0.25 days	Mon 4/7/14	Mon 4/7/14																
1478	1342 - SB Sepulveda Bl @ Busway	7.75 days	Fri 3/28/14	Tue 4/8/14																
1479	Engineering Acceptance Sign-Off	0.25 days	Fri 3/28/14	Fri 3/28/14																
1480	Maintenance Acceptance Sign-Off	0.25 days	Fri 3/28/14	Fri 3/28/14																
1481	Program Management Acceptance Sign-Off	0.25 days	Tue 4/8/14	Tue 4/8/14																

Metro Photo Enforcement Program
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ID	Task Name	Duration	Start	Finish	2014				2015						
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	
1482	1343 - NB Sepulveda Bl @ Busway	7.75 days	Mon 3/31/14	Wed 4/9/14				▼							
1483	Engineering Acceptance Sign-Off	0.25 days	Mon 3/31/14	Mon 3/31/14											
1484	Maintenance Acceptance Sign-Off	0.25 days	Mon 3/31/14	Mon 3/31/14											
1485	Program Management Acceptance Sign-Off	0.25 days	Wed 4/9/14	Wed 4/9/14											
1486	1332 - SB Kester Ave @ Busway	8.75 days	Wed 4/2/14	Mon 4/14/14				▼							
1487	Engineering Acceptance Sign-Off	0.25 days	Wed 4/2/14	Wed 4/2/14											
1488	Maintenance Acceptance Sign-Off	0.25 days	Wed 4/2/14	Wed 4/2/14											
1489	Program Management Acceptance Sign-Off	0.25 days	Mon 4/14/14	Mon 4/14/14											
1490	1331 - NB Kester Ave @ Busway	8.75 days	Thu 4/3/14	Tue 4/15/14				▼							
1491	Engineering Acceptance Sign-Off	0.25 days	Thu 4/3/14	Thu 4/3/14											
1492	Maintenance Acceptance Sign-Off	0.25 days	Thu 4/3/14	Thu 4/3/14											
1493	Program Management Acceptance Sign-Off	0.25 days	Tue 4/15/14	Tue 4/15/14											
1494	1322 - SB Woodman Ave @ Busway	8.75 days	Thu 4/3/14	Tue 4/15/14				▼							
1495	Engineering Acceptance Sign-Off	0.25 days	Thu 4/3/14	Thu 4/3/14											
1496	Maintenance Acceptance Sign-Off	0.25 days	Thu 4/3/14	Thu 4/3/14											
1497	Program Management Acceptance Sign-Off	0.25 days	Tue 4/15/14	Tue 4/15/14											
1498	1321 - NB Woodman Ave @ Busway	8.75 days	Fri 4/4/14	Wed 4/16/14				▼							
1499	Engineering Acceptance Sign-Off	0.25 days	Fri 4/4/14	Fri 4/4/14											
1500	Maintenance Acceptance Sign-Off	0.25 days	Fri 4/4/14	Fri 4/4/14											
1501	Program Management Acceptance Sign-Off	0.25 days	Wed 4/16/14	Wed 4/16/14											
1502	1313 - EB Oxnard St @ Buffalo Ave	9.75 days	Mon 4/7/14	Fri 4/18/14				▼							
1503	Engineering Acceptance Sign-Off	0.25 days	Mon 4/7/14	Mon 4/7/14											
1504	Maintenance Acceptance Sign-Off	0.25 days	Mon 4/7/14	Mon 4/7/14											
1505	Program Management Acceptance Sign-Off	0.25 days	Fri 4/18/14	Fri 4/18/14											
1506	1314 - WB Oxnard St @ Buffalo Ave	9.75 days	Tue 4/8/14	Mon 4/21/14				▼							
1507	Engineering Acceptance Sign-Off	0.25 days	Tue 4/8/14	Tue 4/8/14											
1508	Maintenance Acceptance Sign-Off	0.25 days	Tue 4/8/14	Tue 4/8/14											
1509	Program Management Acceptance Sign-Off	0.25 days	Mon 4/21/14	Mon 4/21/14											
1510	1302 - SB Tujunga Ave @ Busway	9.75 days	Wed 4/9/14	Tue 4/22/14				▼							
1511	Engineering Acceptance Sign-Off	0.25 days	Wed 4/9/14	Wed 4/9/14											
1512	Maintenance Acceptance Sign-Off	0.25 days	Wed 4/9/14	Wed 4/9/14											
1513	Program Management Acceptance Sign-Off	0.25 days	Tue 4/22/14	Tue 4/22/14											
1514	1301 - NB Tujunga Ave @ Busway	9.75 days	Thu 4/10/14	Wed 4/23/14				▼							
1515	Engineering Acceptance Sign-Off	0.25 days	Thu 4/10/14	Thu 4/10/14											
1516	Maintenance Acceptance Sign-Off	0.25 days	Thu 4/10/14	Thu 4/10/14											
1517	Program Management Acceptance Sign-Off	0.25 days	Wed 4/23/14	Wed 4/23/14											
1518	METRO Acceptance	90 days	Mon 3/17/14	Tue 7/22/14				▼							
1519	1412 - SB De Soto Ave @ Busway	62 days	Mon 3/17/14	Wed 6/11/14				▼							
1520	System Acceptance Test (SAT)	1 day	Mon 3/17/14	Mon 3/17/14											
1521	Xerox Warranty Period	60 days	Tue 3/18/14	Tue 6/10/14											
1522	Final Metro Site Acceptance	1 day	Wed 6/11/14	Wed 6/11/14											

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ID	Task Name	Duration	Start	Finish	2014				2015																			
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4														
1523	1415 - WB to NB De Soto Ave @ Busway	62 days	Tue 3/18/14	Thu 6/12/14				■																				
1524	System Acceptance Test (SAT)	1 day	Tue 3/18/14	Tue 3/18/14																								
1525	Xerox Warranty Period	60 days	Wed 3/19/14	Wed 6/11/14				■																				
1526	Final Metro Site Acceptance	1 day	Thu 6/12/14	Thu 6/12/14																								
1527	1402 - SB Mason Ave @ Busway	62 days	Wed 3/19/14	Fri 6/13/14				■																				
1528	System Acceptance Test (SAT)	1 day	Wed 3/19/14	Wed 3/19/14																								
1529	Xerox Warranty Period	60 days	Thu 3/20/14	Thu 6/12/14				■																				
1530	Final Metro Site Acceptance	1 day	Fri 6/13/14	Fri 6/13/14																								
1531	1405 - WB to NB Mason Ave @ Victory BI	62 days	Thu 3/20/14	Mon 6/16/14				■																				
1532	System Acceptance Test (SAT)	1 day	Thu 3/20/14	Thu 3/20/14																								
1533	Xerox Warranty Period	60 days	Fri 3/21/14	Fri 6/13/14				■																				
1534	Final Metro Site Acceptance	1 day	Mon 6/16/14	Mon 6/16/14																								
1535	1392 - SB Reseda BI @ Busway	62 days	Mon 3/24/14	Wed 6/18/14				■																				
1536	System Acceptance Test (SAT)	1 day	Mon 3/24/14	Mon 3/24/14																								
1537	Xerox Warranty Period	60 days	Tue 3/25/14	Tue 6/17/14				■																				
1538	Final Metro Site Acceptance	1 day	Wed 6/18/14	Wed 6/18/14																								
1539	1391 - NB Reseda BI @ Busway	62 days	Tue 3/25/14	Thu 6/19/14				■																				
1540	System Acceptance Test (SAT)	1 day	Tue 3/25/14	Tue 3/25/14																								
1541	Xerox Warranty Period	60 days	Wed 3/26/14	Wed 6/18/14				■																				
1542	Final Metro Site Acceptance	1 day	Thu 6/19/14	Thu 6/19/14																								
1543	1382 - SB Lindley Ave @ Busway	62 days	Wed 3/26/14	Fri 6/20/14				■																				
1544	System Acceptance Test (SAT)	1 day	Wed 3/26/14	Wed 3/26/14																								
1545	Xerox Warranty Period	60 days	Thu 3/27/14	Thu 6/19/14				■																				
1546	Final Metro Site Acceptance	1 day	Fri 6/20/14	Fri 6/20/14																								
1547	1385 - WB to NB Lindley Ave & Oxnard St	62 days	Thu 3/27/14	Mon 6/23/14				■																				
1548	System Acceptance Test (SAT)	1 day	Thu 3/27/14	Thu 3/27/14																								
1549	Xerox Warranty Period	60 days	Fri 3/28/14	Fri 6/20/14				■																				
1550	Final Metro Site Acceptance	1 day	Mon 6/23/14	Mon 6/23/14																								
1551	1372 - SB White Oak Ave @ Busway	62 days	Mon 3/31/14	Wed 6/25/14				■																				
1552	System Acceptance Test (SAT)	1 day	Mon 3/31/14	Mon 3/31/14																								
1553	Xerox Warranty Period	60 days	Tue 4/1/14	Tue 6/24/14				■																				
1554	Final Metro Site Acceptance	1 day	Wed 6/25/14	Wed 6/25/14																								
1555	1371 - NB White Oak Ave @ Busway	62 days	Tue 4/1/14	Fri 6/27/14				■																				
1556	System Acceptance Test (SAT)	1 day	Tue 4/1/14	Tue 4/1/14																								
1557	Xerox Warranty Period	60 days	Wed 4/2/14	Thu 6/26/14				■																				
1558	Final Metro Site Acceptance	1 day	Thu 6/26/14	Fri 6/27/14																								
1559	1362 - SB Balboa BI @ Busway	62 days	Wed 4/2/14	Fri 6/27/14				■																				
1560	System Acceptance Test (SAT)	1 day	Wed 4/2/14	Wed 4/2/14																								
1561	Xerox Warranty Period	60 days	Thu 4/3/14	Thu 6/26/14				■																				
1562	Final Metro Site Acceptance	1 day	Fri 6/27/14	Fri 6/27/14																								
1563	1361 - NB Balboa BI @ Busway	62 days	Thu 4/3/14	Mon 6/30/14				■																				

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
1564	System Acceptance Test (SAT)	1 day	Thu 4/3/14	Thu 4/3/14																
1565	Xerox Warranty Period	60 days	Fri 4/4/14	Fri 6/27/14																
1566	Final Metro Site Acceptance	1 day	Mon 6/30/14	Mon 6/30/14																
1567	1352 - SB Woodley @ Busway	62 days	Mon 4/7/14	Thu 7/3/14																
1568	System Acceptance Test (SAT)	1 day	Mon 4/7/14	Mon 4/7/14																
1569	Xerox Warranty Period	60 days	Tue 4/8/14	Tue 4/8/14																
1570	Final Metro Site Acceptance	1 day	Wed 7/2/14	Wed 7/2/14																
1571	1351 - NB Woodley @ Busway	62 days	Tue 4/8/14	Thu 7/3/14																
1572	System Acceptance Test (SAT)	1 day	Tue 4/8/14	Tue 4/8/14																
1573	Xerox Warranty Period	60 days	Wed 4/9/14	Wed 7/2/14																
1574	Final Metro Site Acceptance	1 day	Thu 7/3/14	Thu 7/3/14																
1575	1342 - SB Sepulveda BI @ Busway	62 days	Wed 4/9/14	Mon 7/7/14																
1576	System Acceptance Test (SAT)	1 day	Wed 4/9/14	Wed 4/9/14																
1577	Xerox Warranty Period	60 days	Thu 4/10/14	Thu 7/3/14																
1578	Final Metro Site Acceptance	1 day	Mon 7/7/14	Mon 7/7/14																
1579	1341 - NB Sepulveda BI @ Busway	62 days	Thu 4/10/14	Tue 7/15/14																
1580	System Acceptance Test (SAT)	1 day	Thu 4/10/14	Thu 4/10/14																
1581	Xerox Warranty Period	60 days	Fri 4/11/14	Mon 7/7/14																
1582	Final Metro Site Acceptance	1 day	Tue 7/8/14	Mon 7/7/14																
1583	1332 - SB Kester Ave @ Busway	62 days	Mon 4/14/14	Fri 7/11/14																
1584	System Acceptance Test (SAT)	1 day	Mon 4/14/14	Tue 4/15/14																
1585	Xerox Warranty Period	60 days	Tue 4/15/14	Thu 7/10/14																
1586	Final Metro Site Acceptance	1 day	Thu 7/10/14	Fri 7/11/14																
1587	1331 - NB Kester Ave @ Busway	62 days	Tue 4/15/14	Mon 7/14/14																
1588	System Acceptance Test (SAT)	1 day	Tue 4/15/14	Wed 4/16/14																
1589	Xerox Warranty Period	60 days	Wed 4/16/14	Fri 7/11/14																
1590	Final Metro Site Acceptance	1 day	Fri 7/11/14	Mon 7/14/14																
1591	1322 - SB Woodman Ave @ Busway	62 days	Wed 4/16/14	Mon 7/14/14																
1592	System Acceptance Test (SAT)	1 day	Wed 4/16/14	Wed 4/16/14																
1593	Xerox Warranty Period	60 days	Thu 4/17/14	Fri 7/11/14																
1594	Final Metro Site Acceptance	1 day	Mon 7/14/14	Mon 7/14/14																
1595	1321 - NB Woodman Ave @ Busway	62 days	Thu 4/17/14	Tue 7/15/14																
1596	System Acceptance Test (SAT)	1 day	Thu 4/17/14	Thu 4/17/14																
1597	Xerox Warranty Period	60 days	Fri 4/18/14	Mon 7/14/14																
1598	Final Metro Site Acceptance	1 day	Tue 7/15/14	Tue 7/15/14																
1599	1313 - EB Oxnard St @ Buffalo Ave	62 days	Mon 4/21/14	Thu 7/17/14																
1600	System Acceptance Test (SAT)	1 day	Mon 4/21/14	Mon 4/21/14																
1601	Xerox Warranty Period	60 days	Tue 4/22/14	Wed 7/16/14																
1602	Final Metro Site Acceptance	1 day	Thu 7/17/14	Thu 7/17/14																
1603	1314 - WB Oxnard St @ Buffalo Ave	62 days	Tue 4/22/14	Fri 7/18/14																
1604	System Acceptance Test (SAT)	1 day	Tue 4/22/14	Tue 4/22/14																

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
1605	Xerox Warranty Period	60 days	Wed 4/23/14	Thu 7/17/14																
1606	Final Metro Site Acceptance	1 day	Fri 7/18/14	Fri 7/18/14																
1607	1302 - SB Tujunga Ave @ Busway	62 days	Wed 4/23/14	Mon 7/21/14																
1608	System Acceptance Test (SAT)	1 day	Wed 4/23/14	Wed 4/23/14																
1609	Xerox Warranty Period	60 days	Thu 4/24/14	Fri 7/18/14																
1610	Final Metro Site Acceptance	1 day	Mon 7/21/14	Mon 7/21/14																
1611	1301 - NB Tujunga Ave @ Busway	62 days	Thu 4/24/14	Tue 7/22/14																
1612	System Acceptance Test (SAT)	1 day	Thu 4/24/14	Thu 4/24/14																
1613	Xerox Warranty Period	60 days	Fri 4/25/14	Mon 7/21/14																
1614	Final Metro Site Acceptance	1 day	Tue 7/22/14	Tue 7/22/14																
1615	Gold Line	208.25 days	Fri 11/1/13	Thu 9/4/14																
1616	Film Camera Equipment Removal	6.25 days	Fri 4/4/14	Mon 4/14/14																
1617	4009 - WB to SB 3rd @ La Verne	0.25 days	Fri 4/4/14	Fri 4/4/14																
1618	4007 - EB to NB 3rd @ Civic Center	0.25 days	Fri 4/4/14	Fri 4/4/14																
1619	4019 - WB to SB 3rd @ Mednik	0.25 days	Fri 4/4/14	Fri 4/4/14																
1620	4017 - EB to NB 3rd @ Mednik	0.25 days	Mon 4/7/14	Mon 4/7/14																
1621	4029 - WB to SB 3rd @ Arizona	0.25 days	Mon 4/7/14	Mon 4/7/14																
1622	4027 - EB to NB 3rd @ Arizona	0.25 days	Mon 4/7/14	Mon 4/7/14																
1623	4039 - WB to SB 3rd @ McDonnell	0.25 days	Mon 4/7/14	Mon 4/7/14																
1624	4037 - EB to NB 3rd @ McDonnell	0.25 days	Tue 4/8/14	Tue 4/8/14																
1625	4049 - WB to SB 3rd @ Ford	0.25 days	Tue 4/8/14	Tue 4/8/14																
1626	4047 - EB to NB 3rd @ Ford	0.25 days	Tue 4/8/14	Tue 4/8/14																
1627	4059 - WB to SB 3rd @ Eastern	0.25 days	Tue 4/8/14	Tue 4/8/14																
1628	4057 - EB to NB 3rd @ Eastern	0.25 days	Wed 4/9/14	Wed 4/9/14																
1629	4069 - WB to SB 3rd @ Downey	0.25 days	Wed 4/9/14	Wed 4/9/14																
1630	4079 - WB to SB 3rd @ Gage	0.25 days	Wed 4/9/14	Wed 4/9/14																
1631	4077 - EB to NB 3rd @ Gage	0.25 days	Wed 4/9/14	Wed 4/9/14																
1632	4083 - EB to NB 3rd @ Rowan	0.25 days	Thu 4/10/14	Thu 4/10/14																
1633	4085 - WB to SB 3rd @ Rowan	0.25 days	Thu 4/10/14	Thu 4/10/14																
1634	4089 - WB to SB 1st @ Lorena	0.25 days	Thu 4/10/14	Thu 4/10/14																
1635	4087 - EB to NB 1st @ Lorena	0.25 days	Thu 4/10/14	Thu 4/10/14																
1636	4099 - WE to SB 1st @ Clarence	0.25 days	Fri 4/11/14	Fri 4/11/14																
1637	4097 - EB to NB 1st @ Clarence	0.25 days	Fri 4/11/14	Fri 4/11/14																
1638	4109 - WB to SB 1st @ Utah	0.25 days	Fri 4/11/14	Fri 4/11/14																
1639	4119 - WB to SB 1st @ Anderson	0.25 days	Fri 4/11/14	Fri 4/11/14																
1640	4129 - WB to SB 1st @ Mission	0.25 days	Mon 4/14/14	Mon 4/14/14																
1641	4127 - EB to NB 1st @ Mission	0.25 days	Mon 4/14/14	Mon 4/14/14																
1642	Motorized Pole Removal (Ensure remaining infrastructure is useable and safe)	6.25 days	Fri 4/4/14	Mon 4/14/14																
1643	4009 - WB to SB 3rd @ La Verne	0.25 days	Fri 4/4/14	Fri 4/4/14																

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ID	Task Name	Duration	Start	Finish	2014				2015													
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1											
1644	4007 - EB to NB 3rd @ Civic Center	0.25 days	Fri 4/4/14	Fri 4/4/14																		
1645	4019 - WB to SB 3rd @ Mednik	0.25 days	Fri 4/4/14	Fri 4/4/14																		
1646	4017 - EB to NB 3rd @ Mednik	0.25 days	Mon 4/7/14	Mon 4/7/14																		
1647	4029 - WB to SB 3rd @ Arizona	0.25 days	Mon 4/7/14	Mon 4/7/14																		
1648	4027 - EB to NB 3rd @ Arizona	0.25 days	Mon 4/7/14	Mon 4/7/14																		
1649	4039 - WB to SB 3rd @ McDonnell	0.25 days	Mon 4/7/14	Mon 4/7/14																		
1650	4037 - EB to NB 3rd @ McDonnell	0.25 days	Tue 4/8/14	Tue 4/8/14																		
1651	4049 - WB to SB 3rd @ Ford	0.25 days	Tue 4/8/14	Tue 4/8/14																		
1652	4047 - EB to NB 3rd @ Ford	0.25 days	Tue 4/8/14	Tue 4/8/14																		
1653	4059 - WB to SB 3rd @ Eastern	0.25 days	Tue 4/8/14	Tue 4/8/14																		
1654	4057 - EB to NB 3rd @ Eastern	0.25 days	Tue 4/8/14	Tue 4/8/14																		
1655	4069 - WB to SB 3rd @ Downey	0.25 days	Wed 4/9/14	Wed 4/9/14																		
1656	4079 - WB to SB 3rd @ Gage	0.25 days	Wed 4/9/14	Wed 4/9/14																		
1657	4077 - EB to NB 3rd @ Gage	0.25 days	Wed 4/9/14	Wed 4/9/14																		
1658	4083 - EB to NB 3rd @ Rowan	0.25 days	Thu 4/10/14	Thu 4/10/14																		
1659	4085 - WB to SB 3rd @ Rowan	0.25 days	Thu 4/10/14	Thu 4/10/14																		
1660	4089 - WB to SB 1st @ Lorena	0.25 days	Thu 4/10/14	Thu 4/10/14																		
1661	4087 - EB to NB 1st @ Lorena	0.25 days	Thu 4/10/14	Thu 4/10/14																		
1662	4099 - WE to SB 1st @ Clarence	0.25 days	Fri 4/11/14	Fri 4/11/14																		
1663	4097 - EB to NB 1st @ Clarence	0.25 days	Fri 4/11/14	Fri 4/11/14																		
1664	4109 - WB to SB 1st @ Utah	0.25 days	Fri 4/11/14	Fri 4/11/14																		
1665	4119 - WB to SB 1st @ Anderson	0.25 days	Fri 4/11/14	Fri 4/11/14																		
1666	4129 - WB to SB 1st @ Mission	0.25 days	Mon 4/14/14	Mon 4/14/14																		
1667	4127 - EB to NB 1st @ Mission	0.25 days	Mon 4/14/14	Mon 4/14/14																		
1668	Equipment Installation	25 days	Fri 4/4/14	Fri 5/9/14																		
1669	4009 - WB to SB 3rd @ La Verne	1 day	Fri 4/4/14	Mon 4/7/14																		
1670	Install Camera Equipment and Flash Units	0.25 days	Fri 4/4/14	Mon 4/7/14																		
1671	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 4/4/14	Mon 4/7/14																		
1672	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 4/7/14	Mon 4/7/14																		
1673	4007 - EB to NB 3rd @ Civic Center	1 day	Mon 4/7/14	Tue 4/8/14																		
1674	Install Camera Equipment and Flash Units	0.25 days	Mon 4/7/14	Mon 4/7/14																		
1675	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 4/7/14	Tue 4/8/14																		
1676	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 4/8/14	Tue 4/8/14																		
1677	4019 - WB to SB 3rd @ Mednik	1 day	Tue 4/8/14	Wed 4/9/14																		
1678	Install Camera Equipment and Flash Units	0.25 days	Tue 4/8/14	Tue 4/8/14																		
1679	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 4/8/14	Wed 4/9/14																		
1680	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 4/9/14	Wed 4/9/14																		
1681	4017 - EB to NB 3rd @ Mednik	1 day	Wed 4/9/14	Thu 4/10/14																		

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ID	Task Name	Duration	Start	Finish	2014				2015									
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2						
1692	Install Camera Equipment and Flash Units	0.25 days	Wed 4/9/14	Wed 4/9/14														
1693	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 4/9/14	Thu 4/10/14														
1694	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 4/10/14	Thu 4/10/14														
1695	4029 - WB to SB 3rd @ Arizona	1 day	Thu 4/10/14	Fri 4/11/14														
1696	Install Camera Equipment and Flash Units	0.25 days	Thu 4/10/14	Thu 4/10/14														
1697	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 4/10/14	Fri 4/11/14														
1698	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 4/11/14	Fri 4/11/14														
1699	4027 - EB to NB 3rd @ Arizona	1 day	Fri 4/11/14	Mon 4/14/14														
1700	Install Camera Equipment and Flash Units	0.25 days	Fri 4/11/14	Fri 4/11/14														
1701	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 4/11/14	Mon 4/14/14														
1702	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 4/14/14	Mon 4/14/14														
1703	4039 - WB to SB 3rd @ McDonnell	1 day	Mon 4/14/14	Tue 4/15/14														
1704	Install-Camera Equipment and Flash Units	0.25 days	Mon 4/14/14	Mon 4/14/14														
1705	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 4/14/14	Tue 4/15/14														
1706	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 4/15/14	Tue 4/15/14														
1707	4037 - EB to NB 3rd @ McDonnell	1 day	Tue 4/15/14	Wed 4/16/14														
1708	Install Camera Equipment and Flash Units	0.25 days	Tue 4/15/14	Tue 4/15/14														
1709	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 4/15/14	Wed 4/16/14														
1710	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 4/16/14	Wed 4/16/14														
1711	4049 - WB to SB 3rd @ Ford	1 day	Wed 4/16/14	Thu 4/17/14														
1712	Install Camera Equipment and Flash Units	0.25 days	Wed 4/16/14	Wed 4/16/14														
1713	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 4/16/14	Thu 4/17/14														
1714	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 4/17/14	Thu 4/17/14														
1715	4047 - EB to NB 3rd @ Ford	1 day	Thu 4/17/14	Fri 4/18/14														
1716	Install Camera Equipment and Flash Units	0.25 days	Thu 4/17/14	Thu 4/17/14														
1717	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 4/17/14	Fri 4/18/14														
1718	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 4/18/14	Fri 4/18/14														
1719	4059 - WB to SB 3rd @ Eastern	1 day	Fri 4/18/14	Mon 4/21/14														
1720	Install Camera Equipment and Flash Units	0.25 days	Fri 4/18/14	Fri 4/18/14														
1721	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 4/18/14	Mon 4/21/14														
1722	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 4/21/14	Mon 4/21/14														
1723	4057 - EB to NB 3rd @ Eastern	1 day	Mon 4/21/14	Tue 4/22/14														
1724	Install Camera Equipment and Flash Units	0.25 days	Mon 4/21/14	Mon 4/21/14														
1725	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 4/21/14	Tue 4/22/14														
1726	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 4/22/14	Tue 4/22/14														

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ID	Task Name	Duration	Start	Finish	2014				2015										
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4					
1717	4069 - WB to SB 3rd @ Downey Install Camera Equipment and Flash Units Install Interconnection Cabling and Terminate Camera System and Flashes	1 day 0.25 days 0.5 days	Tue 4/22/14 Tue 4/22/14 Tue 4/22/14	Wed 4/23/14 Tue 4/22/14 Wed 4/23/14															
1720	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 4/23/14	Wed 4/23/14															
1721	4079 - WB to SB 3rd @ Gage Install Camera Equipment and Flash Units Install Interconnection Cabling and Terminate Camera System and Flashes	1 day 0.25 days 0.5 days	Wed 4/23/14 Wed 4/23/14 Wed 4/23/14	Thu 4/24/14 Wed 4/23/14 Thu 4/24/14															
1724	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 4/24/14	Thu 4/24/14															
1725	4077 - EB to NB 3rd @ Gage Install Camera Equipment and Flash Units Install Interconnection Cabling and Terminate Camera System and Flashes	1 day 0.25 days 0.5 days	Thu 4/24/14 Thu 4/24/14 Thu 4/24/14	Fri 4/25/14 Thu 4/24/14 Fri 4/25/14															
1728	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 4/25/14	Fri 4/25/14															
1729	4083 - EB to NB 3rd @ Rowan Install Camera Equipment and Flash Units Install Interconnection Cabling and Terminate Camera System and Flashes	1 day 0.25 days 0.5 days	Fri 4/25/14 Fri 4/25/14 Fri 4/25/14	Mon 4/28/14 Fri 4/25/14 Mon 4/28/14															
1730	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 4/28/14	Mon 4/28/14															
1733	4085 - WB to SB 3rd @ Rowan Install Camera Equipment and Flash Units Install Interconnection Cabling and Terminate Camera System and Flashes	1 day 0.25 days 0.5 days	Mon 4/28/14 Mon 4/28/14 Mon 4/28/14	Tue 4/29/14 Mon 4/28/14 Tue 4/29/14															
1736	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 4/29/14	Tue 4/29/14															
1738	4089 - WB to SB 1st @ Lorena Install Camera Equipment and Flash Units Install Interconnection Cabling and Terminate Camera System and Flashes	1 day 0.25 days 0.5 days	Tue 4/29/14 Tue 4/29/14 Tue 4/29/14	Wed 4/30/14 Tue 4/29/14 Wed 4/30/14															
1740	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 4/30/14	Wed 4/30/14															
1741	4087 - EB to NB 1st @ Lorena Install Camera Equipment and Flash Units Install Interconnection Cabling and Terminate Camera System and Flashes	1 day 0.25 days 0.5 days	Wed 4/30/14 Wed 4/30/14 Wed 4/30/14	Thu 5/1/14 Wed 4/30/14 Thu 5/1/14															
1744	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 5/1/14	Thu 5/1/14															
1745	4099 - WE to SB 1st @ Clarence Install Camera Equipment and Flash Units Install Interconnection Cabling and Terminate Camera System and Flashes	1 day 0.25 days 0.5 days	Thu 5/1/14 Thu 5/1/14 Thu 5/1/14	Fri 5/2/14 Thu 5/1/14 Fri 5/2/14															
1748	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 5/2/14	Fri 5/2/14															
1749	4097 - EB to NB 1st @ Clarence Install Camera Equipment and Flash Units Install Interconnection Cabling and Terminate Camera System and Flashes	1 day 0.25 days 0.5 days	Fri 5/2/14 Fri 5/2/14 Fri 5/2/14	Mon 5/5/14 Fri 5/2/14 Mon 5/5/14															

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
1752	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 5/5/14	Mon 5/5/14																
1753	4109 - WB to SB 1st @ Utah	1 day	Mon 5/5/14	Tue 5/6/14																
1754	Install Camera Equipment and Flash Units	0.25 days	Mon 5/5/14	Mon 5/5/14																
1755	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 5/5/14	Tue 5/6/14																
1756	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 5/6/14	Tue 5/6/14																
1757	4119 - WB to SB 1st @ Anderson	1 day	Tue 5/6/14	Wed 5/7/14																
1758	Install Camera Equipment and Flash Units	0.25 days	Tue 5/6/14	Tue 5/6/14																
1759	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 5/6/14	Wed 5/7/14																
1760	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 5/7/14	Wed 5/7/14																
1761	4129 - WB to SB 1st @ Mission	1 day	Wed 5/7/14	Thu 5/8/14																
1762	Install Camera Equipment and Flash Units	0.25 days	Wed 5/7/14	Wed 5/7/14																
1763	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 5/7/14	Thu 5/8/14																
1764	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 5/8/14	Thu 5/8/14																
1765	4127 - EB to NB 1st @ Mission	1 day	Thu 5/8/14	Fri 5/9/14																
1766	Install Camera Equipment and Flash Units	0.25 days	Thu 5/8/14	Thu 5/8/14																
1767	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 5/8/14	Fri 5/9/14																
1768	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 5/9/14	Fri 5/9/14																
1769	Installation Check-Off	24.5 days	Mon 4/7/14	Fri 5/9/14																
1770	4009 - WB to SB 3rd @ La Verne	0.5 days	Mon 4/7/14	Mon 4/7/14																
1771	Construction Manager Check-Off (Check List)	0.5 days	Mon 4/7/14	Mon 4/7/14																
1772	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 4/7/14	Mon 4/7/14																
1773	4007 - EB to NB 3rd @ Civic Center	0.5 days	Tue 4/8/14	Tue 4/8/14																
1774	Construction Manager Check-Off (Check List)	0.5 days	Tue 4/8/14	Tue 4/8/14																
1775	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 4/8/14	Tue 4/8/14																
1776	4019 - WB to SB 3rd @ Mednik	0.5 days	Wed 4/9/14	Wed 4/9/14																
1777	Construction Manager Check-Off (Check List)	0.5 days	Wed 4/9/14	Wed 4/9/14																
1778	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 4/9/14	Wed 4/9/14																
1779	4017 - EB to NB 3rd @ Mednik	0.5 days	Thu 4/10/14	Thu 4/10/14																
1780	Construction Manager Check-Off (Check List)	0.5 days	Thu 4/10/14	Thu 4/10/14																
1781	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 4/10/14	Thu 4/10/14																
1782	4029 - WB to SB 3rd @ Arizona	0.5 days	Fri 4/11/14	Fri 4/11/14																
1783	Construction Manager Check-Off (Check List)	0.5 days	Fri 4/11/14	Fri 4/11/14																
1784	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 4/11/14	Fri 4/11/14																
1785	4027 - EB to NB 3rd @ Arizona	0.5 days	Mon 4/14/14	Mon 4/14/14																
1786	Construction Manager Check-Off (Check List)	0.5 days	Mon 4/14/14	Mon 4/14/14																
1787	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 4/14/14	Mon 4/14/14																
1788	4039 - WB to SB 3rd @ McDonnell	0.5 days	Tue 4/15/14	Tue 4/15/14																
1789	Construction Manager Check-Off (Check List)	0.5 days	Tue 4/15/14	Tue 4/15/14																

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
1790	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 4/15/14	Tue 4/15/14																
1791	4037 - EB to NB 3rd @ McDonnell Construction Manager Check-Off (Check List)	0.5 days	Wed 4/16/14	Wed 4/16/14																
1792	Construction Manager Check-Off (Check List)	0.5 days	Wed 4/16/14	Wed 4/16/14																
1793	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 4/16/14	Wed 4/16/14																
1794	4048 - WB to SB 3rd @ Ford Construction Manager Check-Off (Check List)	1 day	Thu 4/17/14	Fri 4/18/14																
1795	Construction Manager Check-Off (Check List)	0.5 days	Thu 4/17/14	Thu 4/17/14																
1796	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 4/18/14	Fri 4/18/14																
1797	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 4/18/14	Fri 4/18/14																
1798	4047 - EB to NB 3rd @ Ford Construction Manager Check-Off (Check List)	0.5 days	Fri 4/18/14	Fri 4/18/14																
1799	Construction Manager Check-Off (Check List)	0.5 days	Fri 4/18/14	Fri 4/18/14																
1800	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 4/18/14	Fri 4/18/14																
1801	4058 - WB to SB 3rd @ Eastern Construction Manager Check-Off (Check List)	0.5 days	Mon 4/21/14	Mon 4/21/14																
1802	Construction Manager Check-Off (Check List)	0.5 days	Mon 4/21/14	Mon 4/21/14																
1803	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 4/21/14	Mon 4/21/14																
1804	4057 - EB to NB 3rd @ Eastern Construction Manager Check-Off (Check List)	0.5 days	Tue 4/22/14	Tue 4/22/14																
1805	Construction Manager Check-Off (Check List)	0.5 days	Tue 4/22/14	Tue 4/22/14																
1806	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 4/22/14	Tue 4/22/14																
1807	4068 - WB to SB 3rd @ Downey Construction Manager Check-Off (Check List)	0.5 days	Wed 4/23/14	Wed 4/23/14																
1808	Construction Manager Check-Off (Check List)	0.5 days	Wed 4/23/14	Wed 4/23/14																
1809	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 4/23/14	Wed 4/23/14																
1810	4079 - WB to SB 3rd @ Gage Construction Manager Check-Off (Check List)	0.5 days	Thu 4/24/14	Thu 4/24/14																
1811	Construction Manager Check-Off (Check List)	0.5 days	Thu 4/24/14	Thu 4/24/14																
1812	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 4/24/14	Thu 4/24/14																
1813	4077 - EB to NB 3rd @ Gage Construction Manager Check-Off (Check List)	0.5 days	Fri 4/25/14	Fri 4/25/14																
1814	Construction Manager Check-Off (Check List)	0.5 days	Fri 4/25/14	Fri 4/25/14																
1815	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 4/25/14	Fri 4/25/14																
1816	4083 - EB to NB 3rd @ Rowan Construction Manager Check-Off (Check List)	0.5 days	Mon 4/28/14	Mon 4/28/14																
1817	Construction Manager Check-Off (Check List)	0.5 days	Mon 4/28/14	Mon 4/28/14																
1818	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 4/28/14	Mon 4/28/14																
1819	4085 - WB to SB 3rd @ Rowan Construction Manager Check-Off (Check List)	0.5 days	Mon 4/28/14	Mon 4/28/14																
1820	Construction Manager Check-Off (Check List)	0.5 days	Mon 4/28/14	Mon 4/28/14																
1821	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 4/28/14	Mon 4/28/14																
1822	4089 - WB to SB 1st @ Lorena Construction Manager Check-Off (Check List)	0.5 days	Tue 4/29/14	Tue 4/29/14																
1823	Construction Manager Check-Off (Check List)	0.5 days	Tue 4/29/14	Tue 4/29/14																
1824	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 4/29/14	Tue 4/29/14																
1825	4087 - EB to NB 1st @ Lorena Construction Manager Check-Off (Check List)	0.5 days	Wed 4/30/14	Wed 4/30/14																
1826	Construction Manager Check-Off (Check List)	0.5 days	Wed 4/30/14	Wed 4/30/14																
1827	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 4/30/14	Wed 4/30/14																
1828	4087 - EB to NB 1st @ Lorena Construction Manager Check-Off (Check List)	0.5 days	Thu 5/1/14	Thu 5/1/14																
1829	Construction Manager Check-Off (Check List)	0.5 days	Thu 5/1/14	Thu 5/1/14																
1830	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 5/1/14	Thu 5/1/14																
1831	4099 - WE to SB 1st @ Clarence Construction Manager Check-Off (Check List)	0.5 days	Fri 5/2/14	Fri 5/2/14																
1832	Construction Manager Check-Off (Check List)	0.5 days	Fri 5/2/14	Fri 5/2/14																
1833	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 5/2/14	Fri 5/2/14																
1834	4097 - EB to NB 1st @ Clarence Construction Manager Check-Off (Check List)	0.5 days	Mon 5/5/14	Mon 5/5/14																
1835	Construction Manager Check-Off (Check List)	0.5 days	Mon 5/5/14	Mon 5/5/14																

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*ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1									
1831	Construction Manager Check-Off (Check List)	0.5 days	Mon 5/5/14	Mon 5/5/14																
1832	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 5/5/14	Mon 5/5/14																
1833	4109 - WB to SB 1st @ Utah	0.5 days	Tue 5/6/14	Tue 5/6/14																
1834	Construction Manager Check-Off (Check List)	0.5 days	Tue 5/6/14	Tue 5/6/14																
1835	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 5/6/14	Tue 5/6/14																
1836	4119 - WB to SB 1st @ Anderson	0.5 days	Wed 5/7/14	Wed 5/7/14																
1837	Construction Manager Check-Off (Check List)	0.5 days	Wed 5/7/14	Wed 5/7/14																
1838	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 5/7/14	Wed 5/7/14																
1839	4129 - WB to SB 1st @ Mission	0.5 days	Thu 5/8/14	Thu 5/8/14																
1840	Construction Manager Check-Off (Check List)	0.5 days	Thu 5/8/14	Thu 5/8/14																
1841	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 5/8/14	Thu 5/8/14																
1842	4127 - EB to NB 1st @ Mission	0.5 days	Fri 5/9/14	Fri 5/9/14																
1843	Construction Manager Check-Off (Check List)	0.5 days	Fri 5/9/14	Fri 5/9/14																
1844	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 5/9/14	Fri 5/9/14																
1845	Communications Installation	128.5 days	Fri 11/1/13	Tue 5/13/14																
1846	4009 - WB to SB 3rd @ La Verne	99.9 days	Thu 11/7/13	Wed 4/9/14																
1847	Provide Communications Engineer with Location Name, Description, Location Code of approaches IP Log is created and distribute on SharePoint Apply for New Comms Service Application Processed by Service Provider / Approval Modem Installation Router Installation Program Camera with data center IP Scheme Test Connectivity with data center	1 day	Thu 11/7/13	Fri 11/8/13																
1848		1 day	Fri 11/8/13	Mon 11/11/13																
1849		1 day	Mon 11/11/13	Tue 11/12/13																
1850		15 days	Tue 11/12/13	Thu 12/5/13																
1851		0.5 days	Mon 4/7/14	Mon 4/7/14																
1852		0.5 days	Tue 4/8/14	Tue 4/8/14																
1853		0.5 days	Tue 4/8/14	Tue 4/8/14																
1854		0.5 days	Wed 4/9/14	Wed 4/9/14																
1855	4007 - EB to NB 3rd @ Civic Center	100.9 days	Thu 11/7/13	Thu 4/10/14																
1856	Provide Communications Engineer with Location Name, Description, Location Code of approaches IP Log is created and distribute on SharePoint Apply for New Comms Service Application Processed by Service Provider / Approval Modem Installation Router Installation Program Camera with data center IP Scheme Test Connectivity with data center	1 day	Thu 11/7/13	Fri 11/8/13																
1857		1 day	Fri 11/8/13	Mon 11/11/13																
1858		1 day	Mon 11/11/13	Tue 11/12/13																
1859		15 days	Tue 11/12/13	Thu 12/5/13																
1860		0.5 days	Tue 4/8/14	Tue 4/8/14																
1861		0.5 days	Wed 4/9/14	Wed 4/9/14																
1862		0.5 days	Wed 4/9/14	Wed 4/9/14																
1863		0.5 days	Thu 4/10/14	Thu 4/10/14																
1864	4019 - WB to SB 3rd @ Mednick	101.9 days	Thu 11/7/13	Fri 4/11/14																
1865	Provide Communications Engineer with Location Name, Description, Location Code of approaches IP Log is created and distribute on SharePoint Apply for New Comms Service Application Processed by Service Provider / Approval Modem Installation	1 day	Thu 11/7/13	Fri 11/8/13																
1866		1 day	Fri 11/8/13	Mon 11/11/13																
1867		1 day	Mon 11/11/13	Tue 11/12/13																
1868		15 days	Tue 11/12/13	Thu 12/5/13																
1869		0.5 days	Wed 4/9/14	Wed 4/9/14																

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
1870	Router Installation	0.5 days	Thu 4/10/14	Thu 4/10/14																
1871	Program Camera with data center IP Scheme	0.5 days	Thu 4/10/14	Thu 4/10/14																
1872	Test Connectivity with data center	0.5 days	Fri 4/11/14	Fri 4/11/14																
1873	4017 - EB to NB 3rd @ Mednik	102.9 days	Thu 11/7/13	Mon 4/14/14																
1874	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1875	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1876	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1877	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1878	Modem Installation	0.5 days	Thu 4/10/14	Thu 4/10/14																
1879	Router Installation	0.5 days	Fri 4/11/14	Fri 4/11/14																
1880	Program Camera with data center IP Scheme	0.5 days	Fri 4/11/14	Fri 4/11/14																
1881	Test Connectivity with data center	0.5 days	Mon 4/14/14	Mon 4/14/14																
1882	4029 - WB to SB 3rd @ Arizona	103.9 days	Thu 11/7/13	Tue 4/15/14																
1883	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1884	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1885	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1886	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1887	Modem Installation	0.5 days	Fri 4/11/14	Fri 4/11/14																
1888	Router Installation	0.5 days	Mon 4/14/14	Mon 4/14/14																
1889	Program Camera with data center IP Scheme	0.5 days	Mon 4/14/14	Mon 4/14/14																
1890	Test Connectivity with data center	0.5 days	Tue 4/15/14	Tue 4/15/14																
1891	4027 - EB to NB 3rd @ Arizona	104.9 days	Thu 11/7/13	Wed 4/16/14																
1892	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1893	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1894	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1895	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1896	Modem Installation	0.5 days	Mon 4/14/14	Mon 4/14/14																
1897	Router Installation	0.5 days	Tue 4/15/14	Tue 4/15/14																
1898	Program Camera with data center IP Scheme	0.5 days	Tue 4/15/14	Tue 4/15/14																
1899	Test Connectivity with data center	0.5 days	Wed 4/16/14	Wed 4/16/14																
1900	4039 - WB to SB 3rd @ McDonnell	105.9 days	Thu 11/7/13	Thu 4/17/14																
1901	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1902	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1903	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1904	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1905	Modem Installation	0.5 days	Tue 4/15/14	Tue 4/15/14																
1906	Router Installation	0.5 days	Wed 4/16/14	Wed 4/16/14																
1907	Program Camera with data center IP Scheme	0.5 days	Wed 4/16/14	Wed 4/16/14																

Metro Photo Enforcement Program
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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2								
1908	Test Connectivity with data center	0.5 days	Thu 4/17/14	Thu 4/17/14																
1909	4037 - EB to NB 3rd @ McDonnell	106.9 days	Thu 11/7/13	Fri 4/18/14																
1910	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1911	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1912	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1913	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1914	Modern Installation	0.5 days	Wed 4/16/14	Wed 4/16/14																
1915	Router Installation	0.5 days	Thu 4/17/14	Thu 4/17/14																
1916	Program Camera with data center IP Scheme	0.5 days	Thu 4/17/14	Thu 4/17/14																
1917	Test Connectivity with data center	0.5 days	Fri 4/18/14	Fri 4/18/14																
1918	Test Connectivity with data center	0.5 days	Thu 11/7/13	Mon 4/21/14																
1919	4049 - WB to SB 3rd @ Ford	107.9 days	Thu 11/7/13	Mon 4/21/14																
1920	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1921	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1922	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1923	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1924	Modern Installation	0.5 days	Thu 4/17/14	Thu 4/17/14																
1925	Router Installation	0.5 days	Fri 4/18/14	Fri 4/18/14																
1926	Program Camera with data center IP Scheme	0.5 days	Fri 4/18/14	Fri 4/18/14																
1927	Test Connectivity with data center	0.5 days	Mon 4/21/14	Mon 4/21/14																
1928	Test Connectivity with data center	108.9 days	Thu 11/7/13	Tue 4/22/14																
1929	4047 - EB to NB 3rd @ Ford	1 day	Thu 11/7/13	Fri 11/8/13																
1930	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Mon 11/11/13																
1931	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1932	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1933	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1934	Modern Installation	0.5 days	Fri 4/18/14	Fri 4/18/14																
1935	Router Installation	0.5 days	Mon 4/21/14	Mon 4/21/14																
1936	Program Camera with data center IP Scheme	0.5 days	Mon 4/21/14	Mon 4/21/14																
1937	Test Connectivity with data center	0.5 days	Tue 4/22/14	Tue 4/22/14																
1938	Test Connectivity with data center	109.9 days	Thu 11/7/13	Wed 4/23/14																
1939	4059 - WB to SB 3rd @ Eastern	1 day	Thu 11/7/13	Fri 11/8/13																
1940	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Mon 11/11/13																
1941	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1942	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1943	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1944	Modern Installation	0.5 days	Mon 4/21/14	Mon 4/21/14																
1945	Router Installation	0.5 days	Tue 4/22/14	Tue 4/22/14																
1946	Program Camera with data center IP Scheme	0.5 days	Tue 4/22/14	Tue 4/22/14																
1947	Test Connectivity with data center	0.5 days	Wed 4/23/14	Wed 4/23/14																
1948	Test Connectivity with data center	110.9 days	Thu 11/7/13	Thu 4/24/14																

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ID	Task Name	Duration	Start	Finish	2014				2015									
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4				
1946	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13														
1947	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13														
1948	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13														
1949	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13														
1950	Modern Installation	0.5 days	Tue 4/22/14	Tue 4/22/14														
1951	Router Installation	0.5 days	Wed 4/23/14	Wed 4/23/14														
1952	Program Camera with data center IP Scheme	0.5 days	Wed 4/23/14	Wed 4/23/14														
1953	Test Connectivity with data center	0.5 days	Thu 4/24/14	Thu 4/24/14														
1954	4089 - WB to SB 3rd @ Downey	111.9 days	Thu 11/7/13	Fri 4/25/14														
1955	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13														
1956	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13														
1957	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13														
1958	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13														
1959	Modern Installation	0.5 days	Wed 4/23/14	Wed 4/23/14														
1960	Router Installation	0.5 days	Thu 4/24/14	Thu 4/24/14														
1961	Program Camera with data center IP Scheme	0.5 days	Thu 4/24/14	Thu 4/24/14														
1962	Test Connectivity with data center	0.5 days	Fri 4/25/14	Fri 4/25/14														
1963	4079 - WB to SB 3rd @ Gage	112.9 days	Thu 11/7/13	Mon 4/28/14														
1964	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13														
1965	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13														
1966	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13														
1967	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13														
1968	Modern Installation	0.5 days	Thu 4/24/14	Thu 4/24/14														
1969	Router Installation	0.5 days	Fri 4/25/14	Fri 4/25/14														
1970	Program Camera with data center IP Scheme	0.5 days	Fri 4/25/14	Fri 4/25/14														
1971	Test Connectivity with data center	0.5 days	Mon 4/28/14	Mon 4/28/14														
1972	4077 - EB to NB 3rd @ Gage	113.9 days	Thu 11/7/13	Tue 4/29/14														
1973	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13														
1974	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13														
1975	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13														
1976	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13														
1977	Modern Installation	0.5 days	Fri 4/25/14	Fri 4/25/14														
1978	Router Installation	0.5 days	Mon 4/28/14	Mon 4/28/14														
1979	Program Camera with data center IP Scheme	0.5 days	Mon 4/28/14	Mon 4/28/14														
1980	Test Connectivity with data center	0.5 days	Tue 4/29/14	Tue 4/29/14														
1981	4083 - EB to NB 3rd @ Rowan	114.9 days	Thu 11/7/13	Wed 4/30/14														
1982	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13														

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
1983	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1984	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1985	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1986	Modem Installation	0.5 days	Mon 4/28/14	Mon 4/28/14																
1987	Router Installation	0.5 days	Tue 4/29/14	Tue 4/29/14																
1988	Program Camera with data center IP Scheme	0.5 days	Tue 4/29/14	Tue 4/29/14																
1989	Test Connectivity with data center	0.5 days	Wed 4/30/14	Wed 4/30/14																
1990	4085 - WB to SB 3rd @ Rowan	115.9 days	Thu 11/7/13	Thu 5/1/14																
1991	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
1992	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
1993	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
1994	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
1995	Modem Installation	0.5 days	Tue 4/29/14	Tue 4/29/14																
1996	Router Installation	0.5 days	Wed 4/30/14	Wed 4/30/14																
1997	Program Camera with data center IP Scheme	0.5 days	Wed 4/30/14	Wed 4/30/14																
1998	Test Connectivity with data center	0.5 days	Thu 5/1/14	Thu 5/1/14																
1999	4089 - WB to SB 1st @ Lorena	116.9 days	Thu 11/7/13	Fri 5/2/14																
2000	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
2001	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
2002	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
2003	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
2004	Modem Installation	0.5 days	Wed 4/30/14	Wed 4/30/14																
2005	Router Installation	0.5 days	Thu 5/1/14	Thu 5/1/14																
2006	Program Camera with data center IP Scheme	0.5 days	Thu 5/1/14	Thu 5/1/14																
2007	Test Connectivity with data center	0.5 days	Thu 5/1/14	Thu 5/1/14																
2008	4087 - EB to NB 1st @ Lorena	117.9 days	Thu 11/7/13	Fri 5/2/14																
2009	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13																
2010	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13																
2011	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13																
2012	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13																
2013	Modem Installation	0.5 days	Thu 5/1/14	Thu 5/1/14																
2014	Router Installation	0.5 days	Thu 5/1/14	Thu 5/1/14																
2015	Program Camera with data center IP Scheme	0.5 days	Fri 5/2/14	Fri 5/2/14																
2016	Test Connectivity with data center	0.5 days	Fri 5/2/14	Fri 5/2/14																
2017	4099 - WE to SB 1st @ Clarence	118.9 days	Mon 5/5/14	Mon 5/5/14																
2018	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Thu 11/7/13																
2019	IP Log is created and distribute on SharePoint	1 day	Thu 11/7/13	Fri 11/8/13																
2020	Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13																

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ID	Task Name	Duration	Start	Finish	2014				2015
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	
2021	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13					
2022	Modem Installation	0.5 days	Fri 5/2/14	Fri 5/2/14					
2023	Router Installation	0.5 days	Mon 5/5/14	Mon 5/5/14					
2024	Program Camera with data center IP Scheme	0.5 days	Mon 5/5/14	Mon 5/5/14					
2025	Test Connectivity with data center	0.5 days	Tue 5/6/14	Tue 5/6/14					
2026	4097 - EB to NB 1st @ Clarence	119.9 days	Thu 11/7/13	Wed 5/7/14					
2027	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13					
2028	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13					
2029	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13					
2030	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13					
2031	Modem Installation	0.5 days	Mon 5/5/14	Mon 5/5/14					
2032	Router Installation	0.5 days	Tue 5/6/14	Tue 5/6/14					
2033	Program Camera with data center IP Scheme	0.5 days	Tue 5/6/14	Tue 5/6/14					
2034	Test Connectivity with data center	0.5 days	Wed 5/7/14	Wed 5/7/14					
2035	4109 - WB to SB 1st @ Utah	120.9 days	Thu 11/7/13	Thu 5/8/14					
2036	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13					
2037	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13					
2038	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13					
2039	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13					
2040	Modem Installation	0.5 days	Tue 5/6/14	Tue 5/6/14					
2041	Router Installation	0.5 days	Wed 5/7/14	Wed 5/7/14					
2042	Program Camera with data center IP Scheme	0.5 days	Wed 5/7/14	Wed 5/7/14					
2043	Test Connectivity with data center	0.5 days	Thu 5/8/14	Thu 5/8/14					
2044	4119 - WB to SB 1st @ Anderson	126.5 days	Fri 11/11/13	Fri 5/9/14					
2045	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Fri 11/11/13	Fri 11/11/13					
2046	IP Log is created and distribute on SharePoint	1 day	Mon 11/4/13	Mon 11/4/13					
2047	Apply for New Comms Service	1 day	Tue 11/5/13	Tue 11/5/13					
2048	Application Processed by Service Provider / Approval	15 days	Wed 11/6/13	Tue 11/26/13					
2049	Modem Installation	0.5 days	Wed 5/7/14	Wed 5/7/14					
2050	Router Installation	0.5 days	Thu 5/8/14	Thu 5/8/14					
2051	Program Camera with data center IP Scheme	0.5 days	Thu 5/8/14	Thu 5/8/14					
2052	Test Connectivity with data center	0.5 days	Fri 5/9/14	Fri 5/9/14					
2053	4129 - WB to SB 1st @ Mission	127.5 days	Fri 11/11/13	Mon 5/12/14					
2054	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Fri 11/11/13	Fri 11/11/13					
2055	IP Log is created and distribute on SharePoint	1 day	Mon 11/4/13	Mon 11/4/13					
2056	Apply for New Comms Service	1 day	Tue 11/5/13	Tue 11/5/13					
2057	Application Processed by Service Provider / Approval	15 days	Wed 11/6/13	Tue 11/26/13					
2058	Modem Installation	0.5 days	Thu 5/8/14	Thu 5/8/14					

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
2059	Router Installation	0.5 days	Fri 5/9/14	Fri 5/9/14																
2060	Program Camera with data center IP Scheme	0.5 days	Fri 5/9/14	Fri 5/9/14																
2061	Test Connectivity with data center	0.5 days	Mon 5/12/14	Mon 5/12/14																
2062	4127 - EB to NB 1st @ Mission	128.5 days	Fri 11/1/13	Tue 5/13/14																
2063	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Fri 11/1/13	Fri 11/1/13																
2064	IP Log is created and distribute on SharePoint	1 day	Mon 11/4/13	Mon 11/4/13																
2065	Apply for New Comms Service	1 day	Tue 11/5/13	Tue 11/5/13																
2066	Application Processed by Service Provider / Approval	15 days	Wed 11/6/13	Tue 11/26/13																
2067	Modem Installation	0.5 days	Fri 5/9/14	Fri 5/9/14																
2068	Router Installation	0.5 days	Mon 5/12/14	Mon 5/12/14																
2069	Program Camera with data center IP Scheme	0.5 days	Mon 5/12/14	Mon 5/12/14																
2070	Test Connectivity with data center	0.5 days	Tue 5/13/14	Tue 5/13/14																
2071	Image Quality System Engineering	28 days	Mon 4/7/14	Thu 5/15/14																
2072	4009 - WB to SB 3rd @ La Verne	4 days	Mon 4/7/14	Fri 4/11/14																
2073	Power on camera system and testing	1 day	Mon 4/7/14	Tue 4/8/14																
2074	Test data communications and downloads	1 day	Tue 4/8/14	Wed 4/9/14																
2075	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 4/9/14	Thu 4/10/14																
2076	Image Quality Check-Off (Check List)	0.5 days	Fri 4/11/14	Fri 4/11/14																
2077	4007 - EB to NB 3rd @ Civic Center	4 days	Tue 4/8/14	Mon 4/14/14																
2078	Power on camera system and testing	1 day	Tue 4/8/14	Wed 4/9/14																
2079	Test data communications and downloads	1 day	Wed 4/9/14	Thu 4/10/14																
2080	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 4/10/14	Fri 4/11/14																
2081	Image Quality Check-Off (Check List)	0.5 days	Mon 4/14/14	Mon 4/14/14																
2082	4019 - WB to SB 3rd @ MednIk	4 days	Wed 4/9/14	Tue 4/15/14																
2083	Power on camera system and testing	1 day	Wed 4/9/14	Thu 4/10/14																
2084	Test data communications and downloads	1 day	Thu 4/10/14	Fri 4/11/14																
2085	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 4/11/14	Mon 4/14/14																
2086	Image Quality Check-Off (Check List)	0.5 days	Tue 4/15/14	Tue 4/15/14																
2087	4017 - EB to NB 3rd @ MednIk	4 days	Thu 4/10/14	Wed 4/16/14																
2088	Power on camera system and testing	1 day	Thu 4/10/14	Fri 4/11/14																
2089	Test data communications and downloads	1 day	Fri 4/11/14	Mon 4/14/14																
2090	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 4/14/14	Tue 4/15/14																
2091	Image Quality Check-Off (Check List)	0.5 days	Wed 4/16/14	Wed 4/16/14																
2092	4029 - WB to SB 3rd @ Arizona	4 days	Fri 4/11/14	Thu 4/17/14																
2093	Power on camera system and testing	1 day	Fri 4/11/14	Mon 4/14/14																
2094	Test data communications and downloads	1 day	Mon 4/14/14	Tue 4/15/14																
2095	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 4/15/14	Wed 4/16/14																
2096	Image Quality Check-Off (Check List)	0.5 days	Thu 4/17/14	Thu 4/17/14																
2097	4027 - EB to NB 3rd @ Arizona	4 days	Mon 4/14/14	Fri 4/18/14																
2098	Power on camera system and testing	1 day	Mon 4/14/14	Tue 4/15/14																

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1									
2099	Test data communications and downloads	1 day	Tue 4/15/14	Wed 4/16/14																
2100	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 4/16/14	Thu 4/17/14																
2101	Image Quality Check-Off (Check List)	0.5 days	Fri 4/18/14	Fri 4/18/14																
2102	4039 - WB to SB 3rd @ McDonnell	4 days	Tue 4/15/14	Mon 4/21/14																
2103	Power on camera system and testing	1 day	Tue 4/15/14	Wed 4/16/14																
2104	Test data communications and downloads	1 day	Wed 4/16/14	Thu 4/17/14																
2105	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 4/17/14	Fri 4/18/14																
2106	Image Quality Check-Off (Check List)	0.5 days	Mon 4/21/14	Mon 4/21/14																
2107	4037 - EB to NB 3rd @ McDonnell	4 days	Wed 4/16/14	Tue 4/22/14																
2108	Power on camera system and testing	1 day	Wed 4/16/14	Thu 4/17/14																
2109	Test data communications and downloads	1 day	Thu 4/17/14	Fri 4/18/14																
2110	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 4/18/14	Mon 4/21/14																
2111	Image Quality Check-Off (Check List)	0.5 days	Tue 4/22/14	Tue 4/22/14																
2112	4049 - WB to SB 3rd @ Ford	4 days	Fri 4/18/14	Thu 4/24/14																
2113	Power on camera system and testing	1 day	Fri 4/18/14	Mon 4/21/14																
2114	Test data communications and downloads	1 day	Mon 4/21/14	Tue 4/22/14																
2115	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 4/22/14	Wed 4/23/14																
2116	Image Quality Check-Off (Check List)	0.5 days	Thu 4/24/14	Thu 4/24/14																
2117	4047 - EB to NB 3rd @ Ford	4 days	Fri 4/18/14	Thu 4/24/14																
2118	Power on camera system and testing	1 day	Fri 4/18/14	Mon 4/21/14																
2119	Test data communications and downloads	1 day	Mon 4/21/14	Tue 4/22/14																
2120	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 4/22/14	Wed 4/23/14																
2121	Image Quality Check-Off (Check List)	0.5 days	Thu 4/24/14	Thu 4/24/14																
2122	4059 - WB to SB 3rd @ Eastern	4 days	Mon 4/21/14	Fri 4/25/14																
2123	Power on camera system and testing	1 day	Mon 4/21/14	Tue 4/22/14																
2124	Test data communications and downloads	1 day	Tue 4/22/14	Wed 4/23/14																
2125	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 4/23/14	Thu 4/24/14																
2126	Image Quality Check-Off (Check List)	0.5 days	Thu 4/24/14	Thu 4/24/14																
2127	4057 - EB to NB 3rd @ Eastern	4 days	Tue 4/22/14	Mon 4/28/14																
2128	Power on camera system and testing	1 day	Tue 4/22/14	Wed 4/23/14																
2129	Test data communications and downloads	1.5 days	Wed 4/23/14	Thu 4/24/14																
2130	Finalize Alignment, Image Quality and Tuning	0.5 days	Fri 4/25/14	Fri 4/25/14																
2131	Image Quality Check-Off (Check List)	4 days	Tue 4/22/14	Mon 4/28/14																
2132	4069 - WB to SE 3rd @ Downey	4 days	Tue 4/22/14	Wed 4/23/14																
2133	Power on camera system and testing	1 day	Tue 4/22/14	Wed 4/23/14																
2134	Test data communications and downloads	1 day	Wed 4/23/14	Thu 4/24/14																
2135	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 4/24/14	Fri 4/25/14																
2136	Image Quality Check-Off (Check List)	0.5 days	Fri 4/25/14	Mon 4/28/14																
2137	4079 - WB to SB 3rd @ Gage	4 days	Tue 4/23/14	Wed 4/30/14																
2138	Power on camera system and testing	1 day	Wed 4/23/14	Thu 4/24/14																
2139	Test data communications and downloads	1 day	Thu 4/24/14	Fri 4/25/14																

Metro Photo Enforcement Program
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ID	Task Name	Duration	Start	Finish	2014				2015	
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
2140	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 4/28/14	Tue 4/29/14						
2141	Image Quality Check-Off (Check List)	0.5 days	Wed 4/30/14	Wed 4/30/14						
2142	4077 - EB to NB 3rd @ Gage	4 days	Fri 4/25/14	Thu 5/1/14						
2143	Power on camera system and testing	1 day	Fri 4/25/14	Mon 4/28/14						
2144	Test data communications and downloads	1 day	Mon 4/28/14	Tue 4/29/14						
2145	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 4/29/14	Wed 4/30/14						
2146	Image Quality Check-Off (Check List)	0.5 days	Thu 5/1/14	Thu 5/1/14						
2147	4083 - EB to NB 3rd @ Rowan	4 days	Mon 4/28/14	Fri 5/2/14						
2148	Power on camera system and testing	1 day	Mon 4/28/14	Tue 4/29/14						
2149	Test data communications and downloads	1 day	Tue 4/29/14	Wed 4/30/14						
2150	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 4/30/14	Thu 5/1/14						
2151	Image Quality Check-Off (Check List)	0.5 days	Fri 5/2/14	Fri 5/2/14						
2152	4085 - WB to SB 3rd @ Rowan	4 days	Tue 4/29/14	Mon 5/5/14						
2153	Power on camera system and testing	1 day	Tue 4/29/14	Wed 4/30/14						
2154	Test data communications and downloads	1 day	Wed 4/30/14	Thu 5/1/14						
2155	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 5/1/14	Fri 5/2/14						
2156	Image Quality Check-Off (Check List)	0.5 days	Mon 5/5/14	Mon 5/5/14						
2157	4089 - WB to SB 1st @ Lorena	4 days	Wed 4/30/14	Tue 5/6/14						
2158	Power on camera system and testing	1 day	Wed 4/30/14	Thu 5/1/14						
2159	Test data communications and downloads	1 day	Thu 5/1/14	Fri 5/2/14						
2160	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 5/2/14	Mon 5/5/14						
2161	Image Quality Check-Off (Check List)	0.5 days	Tue 5/6/14	Tue 5/6/14						
2162	4097 - EB to NB 1st @ Lorena	4 days	Thu 5/1/14	Wed 5/7/14						
2163	Power on camera system and testing	1 day	Thu 5/1/14	Fri 5/2/14						
2164	Test data communications and downloads	1 day	Fri 5/2/14	Mon 5/5/14						
2165	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 5/5/14	Tue 5/6/14						
2166	Image Quality Check-Off (Check List)	0.5 days	Wed 5/7/14	Wed 5/7/14						
2167	4099 - WE to SB 1st @ Clarence	4 days	Fri 5/2/14	Thu 5/8/14						
2168	Power on camera system and testing	1 day	Fri 5/2/14	Mon 5/5/14						
2169	Test data communications and downloads	1 day	Mon 5/5/14	Tue 5/6/14						
2170	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 5/6/14	Wed 5/7/14						
2171	Image Quality Check-Off (Check List)	0.5 days	Thu 5/8/14	Thu 5/8/14						
2172	4097 - EB to NB 1st @ Clarence	4 days	Mon 5/5/14	Fri 5/9/14						
2173	Power on camera system and testing	1 day	Mon 5/5/14	Tue 5/6/14						
2174	Test data communications and downloads	1 day	Tue 5/6/14	Wed 5/7/14						
2175	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 5/7/14	Thu 5/8/14						
2176	Image Quality Check-Off (Check List)	0.5 days	Fri 5/9/14	Fri 5/9/14						
2177	4109 - WB to SB 1st @ Utah	4 days	Tue 5/6/14	Mon 5/12/14						
2178	Power on camera system and testing	1 day	Tue 5/6/14	Wed 5/7/14						
2179	Test data communications and downloads	1 day	Wed 5/7/14	Thu 5/8/14						
2180	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 5/8/14	Fri 5/9/14						

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2								
2181	Image Quality Check-Off (Check List)	0.5 days	Mon 5/12/14	Mon 5/12/14																
2182	4119 - WB to SB 1st @ Anderson	4 days	Wed 5/7/14	Tue 5/13/14																
2183	Power on camera system and testing	1 day	Wed 5/7/14	Thu 5/8/14																
2184	Test data communications and downloads	1 day	Thu 5/8/14	Fri 5/9/14																
2185	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 5/9/14	Mon 5/12/14																
2186	Image Quality Check-Off (Check List)	0.5 days	Tue 5/13/14	Tue 5/13/14																
2187	4129 - WB to SB 1st @ Mission	4 days	Thu 5/8/14	Wed 5/14/14																
2188	Power on camera system and testing	1 day	Thu 5/8/14	Fri 5/9/14																
2189	Test data communications and downloads	1 day	Fri 5/9/14	Mon 5/12/14																
2190	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 5/12/14	Tue 5/13/14																
2191	Image Quality Check-Off (Check List)	0.5 days	Wed 5/14/14	Wed 5/14/14																
2192	4127 - EB to NB 1st @ Mission	4 days	Fri 5/9/14	Thu 5/15/14																
2193	Power on camera system and testing	1 day	Fri 5/9/14	Mon 5/12/14																
2194	Test data communications and downloads	1 day	Mon 5/12/14	Tue 5/13/14																
2195	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 5/13/14	Wed 5/14/14																
2196	Image Quality Check-Off (Check List)	0.5 days	Thu 5/15/14	Thu 5/15/14																
2197	Site Acceptance	39.75 days	Fri 4/11/14	Mon 6/9/14																
2198	4009 - WB to SB 3rd @ La Verne	10.75 days	Fri 4/11/14	Mon 4/28/14																
2199	Engineering Acceptance Sign-Off	0.25 days	Fri 4/11/14	Fri 4/11/14																
2200	Maintenance Acceptance Sign-Off	0.25 days	Fri 4/11/14	Fri 4/11/14																
2201	Program Management Acceptance Sign-Off	0.25 days	Fri 4/11/14	Fri 4/11/14																
2202	4007 - EB to NB 3rd @ Civic Center	10.75 days	Mon 4/28/14	Tue 4/29/14																
2203	Engineering Acceptance Sign-Off	0.25 days	Mon 4/28/14	Mon 4/28/14																
2204	Maintenance Acceptance Sign-Off	0.25 days	Mon 4/28/14	Mon 4/28/14																
2205	Program Management Acceptance Sign-Off	0.25 days	Mon 4/28/14	Mon 4/28/14																
2206	4019 - WB to SB 3rd @ Mednik	10.75 days	Tue 4/29/14	Wed 4/30/14																
2207	Engineering Acceptance Sign-Off	0.25 days	Tue 4/29/14	Tue 4/29/14																
2208	Maintenance Acceptance Sign-Off	0.25 days	Tue 4/29/14	Tue 4/29/14																
2209	Program Management Acceptance Sign-Off	0.25 days	Tue 4/29/14	Tue 4/29/14																
2210	4017 - EB to NB 3rd @ Mednik	10.75 days	Wed 4/30/14	Wed 4/30/14																
2211	Engineering Acceptance Sign-Off	0.25 days	Wed 4/30/14	Wed 4/30/14																
2212	Maintenance Acceptance Sign-Off	0.25 days	Wed 4/30/14	Wed 4/30/14																
2213	Program Management Acceptance Sign-Off	0.25 days	Wed 4/30/14	Wed 4/30/14																
2214	4029 - WB to SB 3rd @ Arizona	11.75 days	Thu 5/1/14	Mon 5/5/14																
2215	Engineering Acceptance Sign-Off	0.25 days	Thu 5/1/14	Thu 5/1/14																
2216	Maintenance Acceptance Sign-Off	0.25 days	Thu 5/1/14	Thu 5/1/14																
2217	Program Management Acceptance Sign-Off	0.25 days	Thu 5/1/14	Thu 5/1/14																
2218	4027 - EB to NB 3rd @ Arizona	11.75 days	Fri 4/18/14	Tue 5/6/14																
2219	Engineering Acceptance Sign-Off	0.25 days	Fri 4/18/14	Fri 4/18/14																
2220	Maintenance Acceptance Sign-Off	0.25 days	Fri 4/18/14	Fri 4/18/14																
2221	Program Management Acceptance Sign-Off	0.25 days	Tue 5/6/14	Tue 5/6/14																

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ID	Task Name	Duration	Start	Finish	2014				2015								
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2					
2222	4039 - WB to SB 3rd @ McDonnell Engineering Acceptance Sign-Off	11.75 days	Mon 4/21/14	Wed 5/7/14					▼								
2223	Maintenance Acceptance Sign-Off	0.25 days	Mon 4/21/14	Mon 4/21/14													
2224	Program Management Acceptance Sign-Off	0.25 days	Mon 4/21/14	Mon 4/21/14													
2225	4037 - EB to NB 3rd @ McDonnell Engineering Acceptance Sign-Off	11.75 days	Wed 5/7/14	Thu 5/8/14													
2226	Maintenance Acceptance Sign-Off	0.25 days	Tue 4/22/14	Tue 4/22/14													
2227	Program Management Acceptance Sign-Off	0.25 days	Tue 4/22/14	Tue 4/22/14													
2228	4049 - WB to SB 3rd @ Ford Engineering Acceptance Sign-Off	11.75 days	Thu 5/8/14	Mon 5/12/14													
2229	Maintenance Acceptance Sign-Off	0.25 days	Thu 4/24/14	Thu 4/24/14													
2230	Program Management Acceptance Sign-Off	0.25 days	Thu 4/24/14	Thu 4/24/14													
2231	4047 - EB to NB 3rd @ Ford Engineering Acceptance Sign-Off	12.75 days	Mon 5/12/14	Tue 5/13/14													
2232	Maintenance Acceptance Sign-Off	0.25 days	Thu 4/24/14	Thu 4/24/14													
2233	Program Management Acceptance Sign-Off	0.25 days	Thu 4/24/14	Thu 4/24/14													
2234	4059 - WB to SB 3rd @ Eastern Engineering Acceptance Sign-Off	12.75 days	Thu 4/24/14	Wed 5/14/14													
2235	Maintenance Acceptance Sign-Off	0.25 days	Thu 4/24/14	Thu 4/24/14													
2236	Program Management Acceptance Sign-Off	0.25 days	Thu 4/24/14	Thu 4/24/14													
2237	4069 - WB to SB 3rd @ Eastern Engineering Acceptance Sign-Off	12.75 days	Tue 5/13/14	Fri 4/25/14													
2238	Maintenance Acceptance Sign-Off	0.25 days	Fri 4/25/14	Fri 4/25/14													
2239	Program Management Acceptance Sign-Off	0.25 days	Fri 4/25/14	Fri 4/25/14													
2240	4057 - EB to NB 3rd @ Eastern Engineering Acceptance Sign-Off	12.75 days	Wed 5/14/14	Thu 5/15/14													
2241	Maintenance Acceptance Sign-Off	0.25 days	Mon 4/28/14	Mon 4/28/14													
2242	Program Management Acceptance Sign-Off	0.25 days	Mon 4/28/14	Mon 4/28/14													
2243	4069 - WB to SB 3rd @ Downey Engineering Acceptance Sign-Off	13.75 days	Mon 4/28/14	Tue 4/29/14													
2244	Maintenance Acceptance Sign-Off	0.25 days	Mon 4/28/14	Mon 4/28/14													
2245	Program Management Acceptance Sign-Off	0.25 days	Mon 4/28/14	Mon 4/28/14													
2246	4079 - WB to SB 3rd @ Gage Engineering Acceptance Sign-Off	13.75 days	Thu 5/15/14	Tue 5/20/14													
2247	Maintenance Acceptance Sign-Off	0.25 days	Tue 4/29/14	Tue 4/29/14													
2248	Program Management Acceptance Sign-Off	0.25 days	Tue 4/29/14	Tue 4/29/14													
2249	4077 - EB to NB 3rd @ Gage Engineering Acceptance Sign-Off	13.75 days	Mon 5/19/14	Tue 5/20/14													
2250	Maintenance Acceptance Sign-Off	0.25 days	Wed 4/30/14	Wed 4/30/14													
2251	Program Management Acceptance Sign-Off	0.25 days	Wed 4/30/14	Wed 4/30/14													
2252	4083 - EB to NB 3rd @ Rowan Engineering Acceptance Sign-Off	13.75 days	Wed 4/30/14	Thu 5/22/14													
2253	Maintenance Acceptance Sign-Off	0.25 days	Tue 5/20/14	Tue 5/20/14													
2254	Program Management Acceptance Sign-Off	0.25 days	Tue 5/20/14	Tue 5/20/14													
2255	4085 - WB to SB 3rd @ Rowan Engineering Acceptance Sign-Off	14.75 days	Thu 5/1/14	Thu 5/27/14													
2256	Maintenance Acceptance Sign-Off	0.25 days	Thu 5/1/14	Thu 5/1/14													
2257	Program Management Acceptance Sign-Off	0.25 days	Thu 5/1/14	Thu 5/1/14													
2258	4085 - WB to SB 3rd @ Rowan Engineering Acceptance Sign-Off	13.75 days	Wed 5/21/14	Thu 5/22/14													
2259	Maintenance Acceptance Sign-Off	0.25 days	Fri 5/2/14	Fri 5/2/14													
2260	Program Management Acceptance Sign-Off	0.25 days	Fri 5/2/14	Fri 5/2/14													
2261	4085 - WB to SB 3rd @ Rowan Engineering Acceptance Sign-Off	14.75 days	Thu 5/22/14	Mon 5/27/14													
2262	Maintenance Acceptance Sign-Off	0.25 days	Mon 5/27/14	Mon 5/27/14													

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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
2263	Engineering Acceptance Sign-Off	0.25 days	Mon 5/5/14	Mon 5/5/14																
2264	Maintenance Acceptance Sign-Off	0.25 days	Mon 5/5/14	Mon 5/5/14																
2265	Program Management Acceptance Sign-Off	0.25 days	Tue 5/27/14	Tue 5/27/14																
2266	4089 - WB to SB 1st @ Lorena	14.75 days	Tue 5/6/14	Wed 6/28/14																
2267	Engineering Acceptance Sign-Off	0.25 days	Tue 5/6/14	Tue 5/6/14																
2268	Maintenance Acceptance Sign-Off	0.25 days	Tue 5/6/14	Tue 5/6/14																
2269	Program Management Acceptance Sign-Off	0.25 days	Wed 5/28/14	Wed 5/28/14																
2270	4087 - EB to NB 1st @ Lorena	14.75 days	Wed 5/7/14	Thu 5/29/14																
2271	Engineering Acceptance Sign-Off	0.25 days	Wed 5/7/14	Wed 5/7/14																
2272	Maintenance Acceptance Sign-Off	0.25 days	Wed 5/7/14	Wed 5/7/14																
2273	Program Management Acceptance Sign-Off	0.25 days	Thu 5/29/14	Thu 5/29/14																
2274	4089 - WE to SB 1st @ Clarence	14.75 days	Thu 5/8/14	Fri 6/30/14																
2275	Engineering Acceptance Sign-Off	0.25 days	Thu 5/8/14	Thu 5/8/14																
2276	Maintenance Acceptance Sign-Off	0.25 days	Thu 5/8/14	Thu 5/8/14																
2277	Program Management Acceptance Sign-Off	0.25 days	Thu 5/8/14	Thu 5/8/14																
2278	4097 - EB to NB 1st @ Clarence	14.75 days	Fri 5/30/14	Mon 6/2/14																
2279	Engineering Acceptance Sign-Off	0.25 days	Fri 5/30/14	Mon 6/2/14																
2280	Maintenance Acceptance Sign-Off	0.25 days	Fri 5/30/14	Mon 6/2/14																
2281	Program Management Acceptance Sign-Off	0.25 days	Fri 5/30/14	Mon 6/2/14																
2282	4109 - WB to SB 1st @ Utah	14.75 days	Mon 5/12/14	Tue 6/3/14																
2283	Engineering Acceptance Sign-Off	0.25 days	Mon 5/12/14	Mon 5/12/14																
2284	Maintenance Acceptance Sign-Off	0.25 days	Mon 5/12/14	Mon 5/12/14																
2285	Program Management Acceptance Sign-Off	0.25 days	Tue 6/3/14	Tue 6/3/14																
2286	4119 - WB to SB 1st @ Anderson	14.75 days	Tue 5/13/14	Wed 6/4/14																
2287	Engineering Acceptance Sign-Off	0.25 days	Tue 5/13/14	Tue 5/13/14																
2288	Maintenance Acceptance Sign-Off	0.25 days	Tue 5/13/14	Tue 5/13/14																
2289	Program Management Acceptance Sign-Off	0.25 days	Tue 5/13/14	Tue 5/13/14																
2290	4129 - WB to SB 1st @ Mission	14.75 days	Wed 5/14/14	Thu 6/5/14																
2291	Engineering Acceptance Sign-Off	0.25 days	Wed 5/14/14	Wed 5/14/14																
2292	Maintenance Acceptance Sign-Off	0.25 days	Wed 5/14/14	Wed 5/14/14																
2293	Program Management Acceptance Sign-Off	0.25 days	Wed 5/14/14	Wed 5/14/14																
2294	4127 - EB to NB 1st @ Mission	15.75 days	Thu 6/5/14	Mon 6/9/14																
2295	Engineering Acceptance Sign-Off	0.25 days	Thu 6/5/14	Mon 6/9/14																
2296	Maintenance Acceptance Sign-Off	0.25 days	Thu 6/5/14	Mon 6/9/14																
2297	Program Management Acceptance Sign-Off	0.25 days	Thu 6/5/14	Mon 6/9/14																
2298	METRO Acceptance	91 days	Mon 4/28/14	Thu 9/4/14																
2299	4009 - WB to SB 3rd @ La Verne	62 days	Mon 4/28/14	Fri 7/25/14																
2300	System Acceptance Test (SAT)	1 day	Mon 4/28/14	Tue 4/29/14																
2301	Xerox Warranty Period	60 days	Tue 4/29/14	Thu 7/24/14																
2302	Final Metro Site Acceptance	1 day	Thu 7/24/14	Fri 7/25/14																
2303	4007 - EB to NB 3rd @ Civic Center	62 days	Tue 4/29/14	Mon 7/28/14																

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ID	Task Name	Duration	Start	Finish	2014				2015					
					Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4		
2304	System Acceptance Test (SAT)	1 day	Tue 4/29/14	Wed 4/30/14										
2305	Xerox Warranty Period	60 days	Wed 4/30/14	Fri 7/25/14										
2306	Final Metro Site Acceptance	1 day	Fri 7/25/14	Mon 7/28/14										
2307	4019 - WB to SB 3rd @ Mednik	62 days	Wed 4/30/14	Tue 7/29/14										
2308	System Acceptance Test (SAT)	1 day	Wed 4/30/14	Thu 5/1/14										
2309	Xerox Warranty Period	60 days	Thu 5/1/14	Mon 7/28/14										
2310	Final Metro Site Acceptance	1 day	Mon 7/28/14	Tue 7/29/14										
2311	4017 - EB to NB 3rd @ Mednik	62 days	Thu 5/1/14	Wed 7/30/14										
2312	System Acceptance Test (SAT)	1 day	Thu 5/1/14	Fri 5/2/14										
2313	Xerox Warranty Period	60 days	Fri 5/2/14	Tue 7/29/14										
2314	Final Metro Site Acceptance	1 day	Tue 7/29/14	Wed 7/30/14										
2315	4029 - WB to SB 3rd @ Arizona	62 days	Mon 5/5/14	Fri 8/1/14										
2316	System Acceptance Test (SAT)	1 day	Mon 5/5/14	Tue 5/6/14										
2317	Xerox Warranty Period	60 days	Mon 5/5/14	Thu 7/31/14										
2318	Final Metro Site Acceptance	1 day	Tue 5/6/14	Fri 8/1/14										
2319	4027 - EB to NB 3rd @ Arizona	62 days	Thu 7/31/14	Mon 8/4/14										
2320	System Acceptance Test (SAT)	1 day	Tue 5/6/14	Wed 5/7/14										
2321	Xerox Warranty Period	60 days	Wed 5/7/14	Fri 8/1/14										
2322	Final Metro Site Acceptance	1 day	Fri 8/1/14	Mon 8/4/14										
2323	4039 - WB to SB 3rd @ McDonnell	62 days	Wed 5/7/14	Tue 8/5/14										
2324	System Acceptance Test (SAT)	1 day	Wed 5/7/14	Thu 5/8/14										
2325	Xerox Warranty Period	60 days	Thu 5/8/14	Mon 8/4/14										
2326	Final Metro Site Acceptance	1 day	Mon 8/4/14	Tue 8/5/14										
2327	4037 - EB to NB 3rd @ McDonnell	62 days	Thu 5/8/14	Wed 8/6/14										
2328	System Acceptance Test (SAT)	1 day	Thu 5/8/14	Fri 5/9/14										
2329	Xerox Warranty Period	60 days	Fri 5/9/14	Tue 8/5/14										
2330	Final Metro Site Acceptance	1 day	Tue 8/5/14	Wed 8/6/14										
2331	4049 - WB to SB 3rd @ Ford	62 days	Mon 5/12/14	Fri 8/8/14										
2332	System Acceptance Test (SAT)	1 day	Mon 5/12/14	Tue 5/13/14										
2333	Xerox Warranty Period	60 days	Tue 5/13/14	Thu 8/7/14										
2334	Final Metro Site Acceptance	1 day	Thu 8/7/14	Fri 8/8/14										
2335	4047 - EB to NB 3rd @ Ford	62 days	Tue 5/13/14	Mon 8/11/14										
2336	System Acceptance Test (SAT)	1 day	Tue 5/13/14	Wed 5/14/14										
2337	Xerox Warranty Period	60 days	Wed 5/14/14	Fri 8/8/14										
2338	Final Metro Site Acceptance	1 day	Fri 8/8/14	Mon 8/11/14										
2339	4059 - WB to SB 3rd @ Eastern	62 days	Wed 5/14/14	Tue 8/12/14										
2340	System Acceptance Test (SAT)	1 day	Wed 5/14/14	Thu 5/15/14										
2341	Xerox Warranty Period	60 days	Thu 5/15/14	Mon 8/11/14										
2342	Final Metro Site Acceptance	1 day	Mon 8/11/14	Tue 8/12/14										
2343	4057 - EB to NB 3rd @ Eastern	62 days	Thu 5/15/14	Wed 8/13/14										
2344	System Acceptance Test (SAT)	1 day	Thu 5/15/14	Fri 5/16/14										

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ID	Task Name	Duration	Start	Finish	2014				2015			
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4		
2345	Xerox Warranty Period	60 days	Fri 5/16/14	Tue 8/12/14								
2346	Final Metro Site Acceptance	1 day	Tue 8/12/14	Wed 8/13/14								
2347	4089 - WB to SB 3rd @ Downey	62 days	Mon 5/19/14	Fri 8/15/14								
2348	System Acceptance Test (SAT)	1 day	Mon 5/19/14	Tue 5/20/14								
2349	Xerox Warranty Period	60 days	Tue 5/20/14	Thu 8/14/14								
2350	Final Metro Site Acceptance	1 day	Thu 8/14/14	Fri 8/15/14								
2351	4079 - WB to SB 3rd @ Gage	62 days	Tue 5/20/14	Mon 8/18/14								
2352	System Acceptance Test (SAT)	1 day	Tue 5/20/14	Wed 5/21/14								
2353	Xerox Warranty Period	60 days	Wed 5/21/14	Fri 8/15/14								
2354	Final Metro Site Acceptance	1 day	Fri 8/15/14	Mon 8/18/14								
2355	4077 - EB to NB 3rd @ Gage	62 days	Wed 5/21/14	Tue 8/19/14								
2356	System Acceptance Test (SAT)	1 day	Wed 5/21/14	Thu 5/22/14								
2357	Xerox Warranty Period	60 days	Thu 5/22/14	Mon 8/18/14								
2358	Final Metro Site Acceptance	1 day	Mon 8/18/14	Tue 8/19/14								
2359	4083 - EB to NB 3rd @ Rowan	62 days	Thu 5/22/14	Wed 8/20/14								
2360	System Acceptance Test (SAT)	1 day	Thu 5/22/14	Fri 5/23/14								
2361	Xerox Warranty Period	60 days	Fri 5/23/14	Tue 8/19/14								
2362	Final Metro Site Acceptance	1 day	Tue 8/19/14	Wed 8/20/14								
2363	4085 - WB to SB 3rd @ Rowan	62 days	Tue 5/27/14	Fri 8/22/14								
2364	System Acceptance Test (SAT)	1 day	Tue 5/27/14	Wed 5/28/14								
2365	Xerox Warranty Period	60 days	Wed 5/28/14	Thu 8/21/14								
2366	Final Metro Site Acceptance	1 day	Thu 8/21/14	Fri 8/22/14								
2367	4089 - WB to SB 1st @ Lorena	62 days	Wed 5/28/14	Mon 8/25/14								
2368	System Acceptance Test (SAT)	1 day	Wed 5/28/14	Thu 5/29/14								
2369	Xerox Warranty Period	60 days	Thu 5/29/14	Fri 8/22/14								
2370	Final Metro Site Acceptance	1 day	Fri 8/22/14	Mon 8/25/14								
2371	4087 - EB to NB 1st @ Lorena	62 days	Thu 5/29/14	Tue 8/26/14								
2372	System Acceptance Test (SAT)	1 day	Thu 5/29/14	Fri 5/30/14								
2373	Xerox Warranty Period	60 days	Fri 5/30/14	Mon 8/25/14								
2374	Final Metro Site Acceptance	1 day	Mon 8/25/14	Tue 8/26/14								
2375	4099 - WE to SB 1st @ Clarence	62 days	Fri 5/30/14	Mon 6/2/14								
2376	System Acceptance Test (SAT)	1 day	Fri 5/30/14	Tue 5/30/14								
2377	Xerox Warranty Period	60 days	Mon 6/2/14	Wed 8/27/14								
2378	Final Metro Site Acceptance	1 day	Mon 6/2/14	Tue 8/26/14								
2379	4097 - EB to NB 1st @ Clarence	62 days	Tue 8/26/14	Wed 8/27/14								
2380	System Acceptance Test (SAT)	1 day	Mon 6/2/14	Thu 8/28/14								
2381	Xerox Warranty Period	60 days	Mon 6/2/14	Tue 6/3/14								
2382	Final Metro Site Acceptance	1 day	Tue 6/3/14	Wed 8/27/14								
2383	4109 - WB to SB 1st @ Utah	62 days	Wed 8/27/14	Thu 8/28/14								
2384	System Acceptance Test (SAT)	1 day	Tue 6/3/14	Wed 6/4/14								
2385	Xerox Warranty Period	60 days	Wed 6/4/14	Thu 8/28/14								

Metro Photo Enforcement Program
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ID	Task Name	Duration	Start	Finish	2014				2015					
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2		
2386	Final Metro Site Acceptance	1 day	Thu 8/28/14	Fri 8/29/14										
2387	4119 - WB to SB 1st @ Anderson	62 days	Wed 6/4/14	Mon 9/1/14										
2388	System Acceptance Test (SAT)	1 day	Wed 6/4/14	Thu 6/5/14										
2389	Xerox Warranty Period	60 days	Thu 6/5/14	Fri 8/29/14										
2390	Final Metro Site Acceptance	1 day	Fri 8/29/14	Mon 9/1/14										
2391	4129 - WB to SB 1st @ Mission	62 days	Thu 6/5/14	Tue 9/2/14										
2392	System Acceptance Test (SAT)	1 day	Thu 6/5/14	Fri 6/6/14										
2393	Xerox Warranty Period	60 days	Fri 6/6/14	Mon 9/1/14										
2394	Final Metro Site Acceptance	1 day	Mon 9/1/14	Tue 9/2/14										
2395	4127 - EB to NB 1st @ Mission	62 days	Mon 6/9/14	Thu 9/4/14										
2396	System Acceptance Test (SAT)	1 day	Mon 6/9/14	Tue 6/10/14										
2397	Xerox Warranty Period	60 days	Tue 6/10/14	Wed 9/3/14										
2398	Final Metro Site Acceptance	1 day	Wed 9/3/14	Thu 9/4/14										
2399	Expo Line	222.9 days	Thu 11/7/13	Wed 10/1/14										
2400	Film Camera Equipment Removal	4 days	Fri 5/9/14	Thu 5/15/14										
2401	5129 - WB to SB Exposition @ Western	0.25 days	Fri 5/9/14	Fri 5/9/14										
2402	5127 - EB to NB Exposition @ Western	0.25 days	Fri 5/9/14	Fri 5/9/14										
2403	5119 - WB to SB Exposition @ Denker	0.25 days	Mon 5/12/14	Mon 5/12/14										
2404	5117 - EB to NB Exposition @ Halldale	0.25 days	Mon 5/12/14	Mon 5/12/14										
2405	5109 - WB to SB Exposition @ Normandle	0.25 days	Mon 5/12/14	Mon 5/12/14										
2406	5107 - EB to NB Exposition @ Normandle	0.25 days	Mon 5/12/14	Mon 5/12/14										
2407	5089 - WB to SB Exposition @ Vermont	0.25 days	Tue 5/13/14	Tue 5/13/14										
2408	5087 - EB to NB Exposition @ Vermont	0.25 days	Tue 5/13/14	Tue 5/13/14										
2409	5079 - WB to SB Exposition @ Bill Robertson	0.25 days	Tue 5/13/14	Tue 5/13/14										
2410	5077 - EB to NB Exposition @ Watt Way	0.25 days	Tue 5/13/14	Tue 5/13/14										
2411	5068 - SB to EB Flower @ Jefferson	0.25 days	Wed 5/14/14	Wed 5/14/14										
2412	5058 - SB to EB Flower @ 30th	0.25 days	Wed 5/14/14	Wed 5/14/14										
2413	5048 - SB to EB Flower @ 28th	0.25 days	Wed 5/14/14	Wed 5/14/14										
2414	5028 - SB to EB Flower @ 23rd	0.25 days	Wed 5/14/14	Wed 5/14/14										
2415	5018 - SB to WB Flower @ USC Trade Tech	0.25 days	Thu 5/15/14	Thu 5/15/14										
2416	5008 - SB to EB Flower @ Washington	0.25 days	Thu 5/15/14	Thu 5/15/14										
2417	Motorized Pole Removal (Ensure remaining infrastructure is useable and safe)	4 days	Fri 5/9/14	Thu 5/15/14										
2418	5129 - WB to SB Exposition @ Western	0.25 days	Fri 5/9/14	Fri 5/9/14										
2419	5127 - EB to NB Exposition @ Western	0.25 days	Fri 5/9/14	Fri 5/9/14										
2420	5119 - WB to SB Exposition @ Denker	0.25 days	Mon 5/12/14	Mon 5/12/14										
2421	5117 - EB to NB Exposition @ Halldale	0.25 days	Mon 5/12/14	Mon 5/12/14										
2422	5109 - WB to SB Exposition @ Normandle	0.25 days	Mon 5/12/14	Mon 5/12/14										
2423	5107 - EB to NB Exposition @ Normandle	0.25 days	Mon 5/12/14	Mon 5/12/14										
2424	5089 - WB to SB Exposition @ Vermont	0.25 days	Tue 5/13/14	Tue 5/13/14										

Metro Photo Enforcement Program
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ID	Task Name	Duration	Start	Finish	2014				2015											
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
2425	5087 - EB to NB Exposition @ Vermont	0.25 days	Tue 5/13/14	Tue 5/13/14																
2426	5079 - WB to SB Exposition @ Bill Robertson	0.25 days	Tue 5/13/14	Tue 5/13/14																
2427	5077 - EB to NB Exposition @ Watt Way	0.25 days	Tue 5/13/14	Tue 5/13/14																
2428	5068 - SB to EB Flower @ Jefferson	0.25 days	Wed 5/14/14	Wed 5/14/14																
2429	5058 - SB to EB Flower @ 30th	0.25 days	Wed 5/14/14	Wed 5/14/14																
2430	5046 - SB to EB Flower @ 28th	0.25 days	Wed 5/14/14	Wed 5/14/14																
2431	5028 - SB to EB Flower at 23rd	0.25 days	Thu 5/15/14	Thu 5/15/14																
2432	5018 - SB to WB Flower @ USC Trade Tech	0.25 days	Thu 5/15/14	Thu 5/15/14																
2433	5008 - SB to EB Flower @ Washington	0.25 days	Thu 5/15/14	Thu 5/15/14																
2434	Equipment Installation	16 days	Fri 5/9/14	Tue 6/3/14																
2435	5128 - WB to SB Exposition @ Western	1 day	Fri 5/9/14	Mon 5/12/14																
2436	Install Camera Equipment and Flash Units	0.25 days	Fri 5/9/14	Fri 5/9/14																
2437	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 5/12/14	Mon 5/12/14																
2438	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 5/12/14	Mon 5/12/14																
2439	5127 - EB to NB Exposition @ Western	1 day	Mon 5/12/14	Tue 5/13/14																
2440	Install Camera Equipment and Flash Units	0.25 days	Mon 5/12/14	Mon 5/12/14																
2441	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 5/13/14	Tue 5/13/14																
2442	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 5/13/14	Tue 5/13/14																
2443	5119 - WB to SB Exposition @ Denker	1 day	Tue 5/13/14	Wed 5/14/14																
2444	Install Camera Equipment and Flash Units	0.25 days	Tue 5/13/14	Tue 5/13/14																
2445	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 5/14/14	Wed 5/14/14																
2446	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 5/14/14	Wed 5/14/14																
2447	5117 - EB to NB Exposition @ Halldale	1 day	Wed 5/14/14	Thu 5/15/14																
2448	Install Camera Equipment and Flash Units	0.25 days	Wed 5/14/14	Wed 5/14/14																
2449	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 5/15/14	Thu 5/15/14																
2450	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 5/15/14	Thu 5/15/14																
2451	5109 - WB to SB Exposition @ Normandle	1 day	Thu 5/15/14	Fri 5/16/14																
2452	Install Camera Equipment and Flash Units	0.25 days	Thu 5/15/14	Thu 5/15/14																
2453	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 5/16/14	Fri 5/16/14																
2454	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 5/16/14	Fri 5/16/14																
2455	5107 - EB to NB Exposition @ Normandle	1 day	Fri 5/16/14	Mon 5/19/14																
2456	Install Camera Equipment and Flash Units	0.25 days	Fri 5/16/14	Fri 5/16/14																
2457	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 5/19/14	Mon 5/19/14																
2458	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 5/19/14	Mon 5/19/14																
2459	5089 - WB to SB Exposition @ Vermont	1 day	Mon 5/19/14	Tue 5/20/14																
2460	Install Camera Equipment and Flash Units	0.25 days	Mon 5/19/14	Mon 5/19/14																

Metro Photo Enforcement Program
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ID	Task Name	Duration	Start	Finish	2014				2015						
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2			
2461	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 5/20/14	Tue 5/20/14											
2462	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 5/20/14	Tue 5/20/14											
2463	5087 - EB to NB Exposition @ Vermont	1 day	Tue 5/20/14	Wed 5/21/14											
2464	Install Camera Equipment and Flash Units	0.25 days	Tue 5/20/14	Tue 5/20/14											
2465	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 5/21/14	Wed 5/21/14											
2466	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 5/21/14	Wed 5/21/14											
2467	5079 - WB to SB Exposition @ Bill Robertson	1 day	Wed 5/21/14	Thu 5/22/14											
2468	Install Camera Equipment and Flash Units	0.25 days	Wed 5/21/14	Wed 5/21/14											
2469	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 5/22/14	Thu 5/22/14											
2470	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 5/22/14	Thu 5/22/14											
2471	5077 - EB to NB Exposition @ Watt Way	1 day	Thu 5/22/14	Fri 5/23/14											
2472	Install Camera Equipment and Flash Units	0.25 days	Thu 5/22/14	Thu 5/22/14											
2473	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 5/23/14	Fri 5/23/14											
2474	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 5/23/14	Fri 5/23/14											
2475	5068 - SB to EB Flower @ Jefferson	1 day	Fri 5/23/14	Tue 5/27/14											
2476	Install Camera Equipment and Flash Units	0.25 days	Fri 5/23/14	Fri 5/23/14											
2477	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 5/27/14	Tue 5/27/14											
2478	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 5/27/14	Tue 5/27/14											
2479	5058 - SB to EB Flower @ 30th	1 day	Tue 5/27/14	Wed 5/28/14											
2480	Install Camera Equipment and Flash Units	0.25 days	Tue 5/27/14	Tue 5/27/14											
2481	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Wed 5/28/14	Wed 5/28/14											
2482	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Wed 5/28/14	Wed 5/28/14											
2483	5048 - SB to EB Flower @ 28th	1 day	Wed 5/28/14	Thu 5/29/14											
2484	Install Camera Equipment and Flash Units	0.25 days	Wed 5/28/14	Wed 5/28/14											
2485	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Thu 5/29/14	Thu 5/29/14											
2486	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Thu 5/29/14	Thu 5/29/14											
2487	5028 - SB to EB Flower at 23rd	1 day	Thu 5/29/14	Fri 5/30/14											
2488	Install Camera Equipment and Flash Units	0.25 days	Thu 5/29/14	Thu 5/29/14											
2489	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Fri 5/30/14	Fri 5/30/14											
2490	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Fri 5/30/14	Fri 5/30/14											
2491	5018 - SB to WB Flower @ USC Trade Tech	1 day	Fri 5/30/14	Mon 6/2/14											
2492	Install Camera Equipment and Flash Units	0.25 days	Fri 5/30/14	Fri 5/30/14											
2493	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Mon 6/2/14	Mon 6/2/14											
2494	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Mon 6/2/14	Mon 6/2/14											
2495	5008 - SB to EB Flower @ Washington	1 day	Mon 6/2/14	Tue 6/3/14											

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ID	Task Name	Duration	Start	Finish	2014				2015													
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4								
2496	Install Camera Equipment and Flash Units	0.25 days	Mon 6/2/14	Mon 6/2/14																		
2497	Install Interconnection Cabling and Terminate Camera System and Flashes	0.5 days	Tue 6/3/14	Tue 6/3/14																		
2498	Connect Phases and Power Wiring to Traffic Controller	0.25 days	Tue 6/3/14	Tue 6/3/14																		
2499	Installation Check-Off	15.5 days	Mon 5/12/14	Tue 6/3/14																		
2500	5129 - WB to SB Exposition @ Western Construction Manager Check-Off (Check List)	0.5 days	Mon 5/12/14	Mon 5/12/14																		
2501	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 5/12/14	Mon 5/12/14																		
2502	5127 - EB to NB Exposition @ Western Construction Manager Check-Off (Check List)	0.5 days	Mon 5/12/14	Mon 5/12/14																		
2503	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 5/13/14	Tue 5/13/14																		
2504	5119 - WB to SB Exposition @ Denker Construction Manager Check-Off (Check List)	0.5 days	Tue 5/13/14	Tue 5/13/14																		
2505	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 5/13/14	Tue 5/13/14																		
2506	5117 - EB to NB Exposition @ Halldale Construction Manager Check-Off (Check List)	0.5 days	Wed 5/14/14	Wed 5/14/14																		
2507	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 5/14/14	Wed 5/14/14																		
2508	5109 - WB to SB Exposition @ Normandle Construction Manager Check-Off (Check List)	0.5 days	Wed 5/14/14	Wed 5/14/14																		
2509	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 5/14/14	Wed 5/14/14																		
2510	5107 - EB to NB Exposition @ Normandle Construction Manager Check-Off (Check List)	0.5 days	Thu 5/15/14	Thu 5/15/14																		
2511	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 5/15/14	Thu 5/15/14																		
2512	5109 - WB to SB Exposition @ Normandle Construction Manager Check-Off (Check List)	0.5 days	Fri 5/16/14	Fri 5/16/14																		
2513	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 5/16/14	Fri 5/16/14																		
2514	5107 - EB to NB Exposition @ Normandle Construction Manager Check-Off (Check List)	0.5 days	Fri 5/16/14	Fri 5/16/14																		
2515	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 5/16/14	Fri 5/16/14																		
2516	5089 - WB to SB Exposition @ Vermont Construction Manager Check-Off (Check List)	0.5 days	Mon 5/19/14	Mon 5/19/14																		
2517	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 5/19/14	Mon 5/19/14																		
2518	5087 - EB to NB Exposition @ Vermont Construction Manager Check-Off (Check List)	0.5 days	Mon 5/19/14	Mon 5/19/14																		
2519	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 5/19/14	Mon 5/19/14																		
2520	5079 - WB to SB Exposition @ Vermont Construction Manager Check-Off (Check List)	0.5 days	Tue 5/20/14	Tue 5/20/14																		
2521	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 5/20/14	Tue 5/20/14																		
2522	5087 - EB to NB Exposition @ Vermont Construction Manager Check-Off (Check List)	0.5 days	Tue 5/20/14	Tue 5/20/14																		
2523	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 5/20/14	Tue 5/20/14																		
2524	5079 - WB to SB Exposition @ Bill Robertson Construction Manager Check-Off (Check List)	0.5 days	Wed 5/21/14	Wed 5/21/14																		
2525	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 5/21/14	Wed 5/21/14																		
2526	5077 - EB to NB Exposition @ Watt Way Construction Manager Check-Off (Check List)	0.5 days	Wed 5/21/14	Wed 5/21/14																		
2527	System Engineering Testing and Check-Off (Check List)	0.5 days	Wed 5/21/14	Wed 5/21/14																		
2528	5068 - SB to EB Flower @ Jefferson Construction Manager Check-Off (Check List)	0.5 days	Thu 5/22/14	Thu 5/22/14																		
2529	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 5/22/14	Thu 5/22/14																		
2530	5068 - SB to EB Flower @ Jefferson Construction Manager Check-Off (Check List)	0.5 days	Thu 5/22/14	Thu 5/22/14																		
2531	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 5/22/14	Thu 5/22/14																		
2532	5058 - SB to EB Flower @ 30th Construction Manager Check-Off (Check List)	0.5 days	Fri 5/23/14	Fri 5/23/14																		
2533	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 5/23/14	Fri 5/23/14																		
2534	5068 - SB to EB Flower @ Jefferson Construction Manager Check-Off (Check List)	0.5 days	Fri 5/23/14	Fri 5/23/14																		
2535	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 5/23/14	Fri 5/23/14																		

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ID	Task Name	Duration	Start	Finish	2014				2015										
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1								
2536	5048 - SB to EB Flower @ 28th	0.5 days	Thu 5/29/14	Thu 5/29/14															
2537	Construction Manager Check-Off (Check List)	0.5 days	Thu 5/29/14	Thu 5/29/14															
2538	System Engineering Testing and Check-Off (Check List)	0.5 days	Thu 5/29/14	Thu 5/29/14															
2539	5028 - SB to EB Flower at 23rd	0.5 days	Fri 5/30/14	Fri 5/30/14															
2540	Construction Manager Check-Off (Check List)	0.5 days	Fri 5/30/14	Fri 5/30/14															
2541	System Engineering Testing and Check-Off (Check List)	0.5 days	Fri 5/30/14	Fri 5/30/14															
2542	5018 - SB to WB Flower @ USC Trade Tech	0.5 days	Mon 6/2/14	Mon 6/2/14															
2543	Construction Manager Check-Off (Check List)	0.5 days	Mon 6/2/14	Mon 6/2/14															
2544	System Engineering Testing and Check-Off (Check List)	0.5 days	Mon 6/2/14	Mon 6/2/14															
2545	5008 - SB to EB Flower @ Washington	0.5 days	Tue 6/3/14	Tue 6/3/14															
2546	Construction Manager Check-Off (Check List)	0.5 days	Tue 6/3/14	Tue 6/3/14															
2547	System Engineering Testing and Check-Off (Check List)	0.5 days	Tue 6/3/14	Tue 6/3/14															
2548	Communications Installation	140.15 days	Thu 11/7/13	Thu 6/5/14															
2549	5129 - WB to SB Exposition @ Western	125.15 days	Thu 11/7/13	Wed 5/14/14															
2550	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
2551	IP Log is created and distributes on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
2552	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13															
2553	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13															
2554	Modem Installation	0.5 days	Mon 5/12/14	Tue 5/13/14															
2555	Router Installation	0.5 days	Tue 5/13/14	Tue 5/13/14															
2556	Program Camera with data center IP Scheme	0.5 days	Tue 5/13/14	Wed 5/14/14															
2557	Test Connectivity with data center	0.5 days	Wed 5/14/14	Wed 5/14/14															
2558	5127 - EB to NB Exposition @ Western	126.15 days	Thu 11/7/13	Thu 5/15/14															
2559	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
2560	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
2561	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13															
2562	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13															
2563	Modem Installation	0.5 days	Tue 5/13/14	Wed 5/14/14															
2564	Router Installation	0.5 days	Wed 5/14/14	Wed 5/14/14															
2565	Program Camera with data center IP Scheme	0.5 days	Wed 5/14/14	Thu 5/15/14															
2566	Test Connectivity with data center	0.5 days	Thu 5/15/14	Thu 5/15/14															
2567	5119 - WB to SB Exposition @ Danker	127.15 days	Thu 11/7/13	Fri 5/16/14															
2568	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
2569	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
2570	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13															
2571	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13															
2572	Modem Installation	0.5 days	Wed 5/14/14	Thu 5/15/14															
2573	Router Installation	0.5 days	Thu 5/15/14	Thu 5/15/14															
2574	Program Camera with data center IP Scheme	0.5 days	Thu 5/15/14	Fri 5/16/14															

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ID	Task Name	Duration	Start	Finish	2014				2015						
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	
2575	Test Connectivity with data center	0.5 days	Fri 5/16/14	Fri 5/16/14											
2576	5117 - EB to NB Exposition @ Halldale Provide Communications Engineer with Location Name, Description, Location Code of approaches IP Log is created and distribute on SharePoint	128.15 days 1 day	Thu 11/17/13 Thu 11/7/13	Mon 5/19/14 Fri 11/8/13											
2577	Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13											
2578	Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13											
2579	Modern Installation	15 days	Tue 11/12/13	Thu 12/5/13											
2580	Router Installation	0.5 days	Thu 5/16/14	Fri 5/16/14											
2581	Program Camera with data center IP Scheme	0.5 days	Fri 5/16/14	Fri 5/16/14											
2582	Test Connectivity with data center	0.5 days	Fri 5/16/14	Mon 5/19/14											
2583	5109 - WB to SB Exposition @ Normandle Provide Communications Engineer with Location Name, Description, Location Code of approaches IP Log is created and distribute on SharePoint	129.15 days 1 day	Mon 5/19/14 Thu 11/7/13	Mon 5/19/14 Tue 5/20/14											
2584	Apply for New Comms Service	1 day	Thu 11/7/13	Fri 11/8/13											
2585	Application Processed by Service Provider / Approval	1 day	Fri 11/8/13	Mon 11/11/13											
2586	Modern Installation	15 days	Mon 11/11/13	Tue 11/12/13											
2587	Router Installation	0.5 days	Tue 11/12/13	Thu 12/5/13											
2588	Program Camera with data center IP Scheme	0.5 days	Fri 5/16/14	Mon 5/19/14											
2589	Test Connectivity with data center	0.5 days	Mon 5/19/14	Mon 5/19/14											
2590	5107 - EB to NB Exposition @ Normandle Provide Communications Engineer with Location Name, Description, Location Code of approaches IP Log is created and distribute on SharePoint	130.15 days 1 day	Mon 5/19/14 Thu 11/7/13	Mon 5/19/14 Wed 5/21/14											
2591	Apply for New Comms Service	1 day	Thu 11/7/13	Fri 11/8/13											
2592	Application Processed by Service Provider / Approval	1 day	Fri 11/8/13	Mon 11/11/13											
2593	Modern Installation	15 days	Mon 11/11/13	Tue 11/12/13											
2594	Router Installation	0.5 days	Tue 11/12/13	Thu 12/5/13											
2595	Program Camera with data center IP Scheme	0.5 days	Fri 5/16/14	Mon 5/19/14											
2596	Test Connectivity with data center	0.5 days	Mon 5/19/14	Mon 5/19/14											
2597	5089 - WB to SB Exposition @ Vermont Provide Communications Engineer with Location Name, Description, Location Code of approaches IP Log is created and distribute on SharePoint	131.15 days 1 day	Mon 5/19/14 Thu 11/7/13	Mon 5/19/14 Thu 5/22/14											
2598	Apply for New Comms Service	1 day	Thu 11/7/13	Fri 11/8/13											
2599	Application Processed by Service Provider / Approval	1 day	Fri 11/8/13	Mon 11/11/13											
2600	Modern Installation	15 days	Mon 11/11/13	Tue 11/12/13											
2601	Router Installation	0.5 days	Tue 11/12/13	Thu 12/5/13											
2602	Program Camera with data center IP Scheme	0.5 days	Fri 5/16/14	Mon 5/19/14											
2603	Test Connectivity with data center	0.5 days	Mon 5/19/14	Mon 5/19/14											
2604	5087 - EB to NB Exposition @ Vermont Provide Communications Engineer with Location Name, Description, Location Code of approaches IP Log is created and distribute on SharePoint	132.15 days 1 day	Mon 5/19/14 Thu 11/7/13	Mon 5/19/14 Fri 5/23/14											
2605	Apply for New Comms Service	1 day	Thu 11/7/13	Fri 11/8/13											
2606	Application Processed by Service Provider / Approval	1 day	Fri 11/8/13	Mon 11/11/13											
2607	Modern Installation	15 days	Mon 11/11/13	Tue 11/12/13											
2608	Router Installation	0.5 days	Tue 11/12/13	Thu 12/5/13											
2609	Program Camera with data center IP Scheme	0.5 days	Fri 5/16/14	Mon 5/19/14											
2610	Test Connectivity with data center	0.5 days	Mon 5/19/14	Mon 5/19/14											
2611		0.5 days	Thu 5/22/14	Thu 5/22/14											
2612		0.5 days	Thu 11/7/13	Fri 5/23/14											

Metro Photo Enforcement Program
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ID	Task Name	Duration	Start	Finish	2014				2015	
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
2613	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13						
2614	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13						
2615	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13						
2616	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13						
2617	Modem Installation	0.5 days	Wed 5/21/14	Thu 5/22/14						
2618	Router Installation	0.5 days	Thu 5/22/14	Thu 5/22/14						
2619	Program Camera with data center IP Scheme	0.5 days	Thu 5/22/14	Fri 5/23/14						
2620	Test Connectivity with data center	0.5 days	Fri 5/23/14	Fri 5/23/14						
2621	5079 - WB to SB Exposition @ Bill Robertson	133.15 days	Thu 11/7/13	Tue 5/27/14						
2622	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13						
2623	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13						
2624	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13						
2625	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13						
2626	Modem Installation	0.5 days	Thu 5/22/14	Fri 5/23/14						
2627	Router Installation	0.5 days	Fri 5/23/14	Fri 5/23/14						
2628	Program Camera with data center IP Scheme	0.5 days	Fri 5/23/14	Tue 5/27/14						
2629	Test Connectivity with data center	0.5 days	Tue 5/27/14	Tue 5/27/14						
2630	5077 - EB to NB Exposition @ Watt Way	134.15 days	Thu 11/7/13	Wed 5/28/14						
2631	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13						
2632	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13						
2633	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13						
2634	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13						
2635	Modem Installation	0.5 days	Fri 5/23/14	Tue 5/27/14						
2636	Router Installation	0.5 days	Tue 5/27/14	Tue 5/27/14						
2637	Program Camera with data center IP Scheme	0.5 days	Tue 5/27/14	Wed 5/28/14						
2638	Test Connectivity with data center	0.5 days	Wed 5/28/14	Wed 5/28/14						
2639	5068 - SB to EB Flower @ Jefferson	135.15 days	Thu 11/7/13	Thu 5/29/14						
2640	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13						
2641	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13						
2642	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13						
2643	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13						
2644	Modem Installation	0.5 days	Tue 5/27/14	Wed 5/28/14						
2645	Router Installation	0.5 days	Wed 5/28/14	Wed 5/28/14						
2646	Program Camera with data center IP Scheme	0.5 days	Wed 5/28/14	Thu 5/29/14						
2647	Test Connectivity with data center	0.5 days	Thu 5/29/14	Thu 5/29/14						
2648	5068 - SB to EB Flower @ 30th	136.15 days	Thu 11/7/13	Fri 5/30/14						
2649	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13						

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ID	Task Name	Duration	Start	Finish	2014				2015										
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1								
2650	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
2651	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13															
2652	Application Processed by Service Provider / Approval	15 days	Mon 11/11/13	Thu 12/5/13															
2653	Modem Installation	0.5 days	Wed 5/28/14	Thu 5/29/14															
2654	Router Installation	0.5 days	Thu 5/29/14	Thu 5/29/14															
2655	Program Camera with data center IP Scheme	0.5 days	Thu 5/29/14	Fri 5/30/14															
2656	Test Connectivity with data center	0.5 days	Fri 5/30/14	Fri 5/30/14															
2657	Test Connectivity with data center	137.15 days	Thu 11/7/13	Mon 6/2/14															
2658	Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Fri 11/8/13															
2659	IP Log is created and distribute on SharePoint	1 day	Fri 11/8/13	Mon 11/11/13															
2660	Apply for New Comms Service	1 day	Mon 11/11/13	Tue 11/12/13															
2661	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13															
2662	Modem Installation	0.5 days	Thu 5/29/14	Fri 5/30/14															
2663	Router Installation	0.5 days	Fri 5/30/14	Fri 5/30/14															
2664	Program Camera with data center IP Scheme	0.5 days	Fri 5/30/14	Mon 6/2/14															
2665	Test Connectivity with data center	0.5 days	Fri 5/30/14	Mon 6/2/14															
2666	Test Connectivity with data center	138.15 days	Mon 6/2/14	Mon 6/2/14															
2667	5028 - SB to EB Flower at 23rd Provide Communications Engineer with Location Name, Description, Location Code of approaches	1 day	Thu 11/7/13	Tue 6/3/14															
2668	IP Log is created and distribute on SharePoint	1 day	Thu 11/7/13	Fri 11/8/13															
2669	Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13															
2670	Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13															
2671	Modem Installation	15 days	Tue 11/12/13	Thu 12/5/13															
2672	Router Installation	0.5 days	Fri 5/30/14	Mon 6/2/14															
2673	Program Camera with data center IP Scheme	0.5 days	Mon 6/2/14	Mon 6/2/14															
2674	Test Connectivity with data center	0.5 days	Mon 6/2/14	Tue 6/3/14															
2675	Test Connectivity with data center	0.5 days	Tue 6/3/14	Tue 6/3/14															
2676	5018 - SB to WB Flower @ USC Trade Tech Provide Communications Engineer with Location Name, Description, Location Code of approaches	139.15 days	Thu 11/7/13	Wed 6/4/14															
2677	IP Log is created and distribute on SharePoint	1 day	Thu 11/7/13	Fri 11/8/13															
2678	Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13															
2679	Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13															
2680	Modem Installation	15 days	Tue 11/12/13	Thu 12/5/13															
2681	Router Installation	0.5 days	Mon 6/2/14	Tue 6/3/14															
2682	Program Camera with data center IP Scheme	0.5 days	Tue 6/3/14	Tue 6/3/14															
2683	Test Connectivity with data center	0.5 days	Tue 6/3/14	Wed 6/4/14															
2684	Test Connectivity with data center	0.5 days	Wed 6/4/14	Wed 6/4/14															
2685	5008 - SB to EB Flower @ Washington Provide Communications Engineer with Location Name, Description, Location Code of approaches	140.15 days	Thu 11/7/13	Thu 6/5/14															
2686	IP Log is created and distribute on SharePoint	1 day	Thu 11/7/13	Fri 11/8/13															
2687	Apply for New Comms Service	1 day	Fri 11/8/13	Mon 11/11/13															
2688	Application Processed by Service Provider / Approval	1 day	Mon 11/11/13	Tue 11/12/13															

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ID	Task Name	Duration	Start	Finish	2014				2015						
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2			
2688	Application Processed by Service Provider / Approval	15 days	Tue 11/12/13	Thu 12/5/13											
2689	Modem Installation	0.5 days	Tue 6/3/14	Wed 6/4/14											
2690	Router Installation	0.5 days	Wed 6/4/14	Wed 6/4/14											
2691	Program Camera with data center IP Scheme	0.5 days	Wed 6/4/14	Thu 6/5/14											
2692	Test Connectivity with data center	0.5 days	Thu 6/5/14	Thu 6/5/14											
2693	Image Quality System Engineering	19 days	Mon 5/12/14	Mon 6/9/14											
2694	5129 - WB to SB Exposition @ Western	4 days	Mon 5/12/14	Fri 5/16/14											
2695	Power on camera system and testing	1 day	Mon 5/12/14	Tue 5/13/14											
2696	Test data communications and downloads	1 day	Tue 5/13/14	Wed 5/14/14											
2697	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 5/14/14	Fri 5/16/14											
2698	Image Quality Check-Off (Check List)	0.5 days	Fri 5/16/14	Fri 5/16/14											
2699	5127 - EB to NB Exposition @ Western	4 days	Tue 5/13/14	Mon 5/19/14											
2700	Power on camera system and testing	1 day	Tue 5/13/14	Wed 5/14/14											
2701	Test data communications and downloads	1 day	Wed 5/14/14	Thu 5/15/14											
2702	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 5/15/14	Mon 5/19/14											
2703	Image Quality Check-Off (Check List)	0.5 days	Mon 5/19/14	Mon 5/19/14											
2704	5119 - WB to SB Exposition @ Denker	4 days	Wed 5/14/14	Tue 5/20/14											
2705	Power on camera system and testing	1 day	Wed 5/14/14	Thu 5/15/14											
2706	Test data communications and downloads	1 day	Thu 5/15/14	Fri 5/16/14											
2707	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 5/16/14	Tue 5/20/14											
2708	Image Quality Check-Off (Check List)	0.5 days	Tue 5/20/14	Tue 5/20/14											
2709	5117 - EB to NB Exposition @ Halldale	4 days	Thu 5/15/14	Wed 5/21/14											
2710	Power on camera system and testing	1 day	Thu 5/15/14	Fri 5/16/14											
2711	Test data communications and downloads	1 day	Fri 5/16/14	Mon 5/19/14											
2712	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 5/19/14	Wed 5/21/14											
2713	Image Quality Check-Off (Check List)	0.5 days	Wed 5/21/14	Wed 5/21/14											
2714	5108 - WB to SB Exposition @ Normandie	4 days	Fri 5/16/14	Thu 5/22/14											
2715	Power on camera system and testing	1 day	Fri 5/16/14	Mon 5/19/14											
2716	Test data communications and downloads	1 day	Mon 5/19/14	Tue 5/20/14											
2717	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 5/20/14	Thu 5/22/14											
2718	Image Quality Check-Off (Check List)	0.5 days	Thu 5/22/14	Thu 5/22/14											
2719	5107 - EB to NB Exposition @ Normandie	4 days	Mon 5/19/14	Fri 5/23/14											
2720	Power on camera system and testing	1 day	Mon 5/19/14	Tue 5/20/14											
2721	Test data communications and downloads	1 day	Tue 5/20/14	Wed 5/21/14											
2722	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 5/21/14	Fri 5/23/14											
2723	Image Quality Check-Off (Check List)	0.5 days	Fri 5/23/14	Fri 5/23/14											
2724	5088 - WB to SB Exposition @ Vermont	4 days	Tue 5/20/14	Tue 5/27/14											
2725	Power on camera system and testing	1 day	Tue 5/20/14	Wed 5/21/14											
2726	Test data communications and downloads	1 day	Wed 5/21/14	Thu 5/22/14											
2727	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 5/22/14	Tue 5/27/14											
2728	Image Quality Check-Off (Check List)	0.5 days	Tue 5/27/14	Tue 5/27/14											

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ID	Task Name	Duration	Start	Finish	2014				2015															
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4										
2729	5067 - EB to NB Exposition @ Vermont	4 days	Wed 5/21/14	Wed 5/28/14																				
2730	Power on camera system and testing	1 day	Wed 5/21/14	Thu 5/22/14																				
2731	Test data communications and downloads	1 day	Thu 5/22/14	Fri 5/23/14																				
2732	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 5/23/14	Wed 5/28/14																				
2733	Image Quality Check-Off (Check List)	0.5 days	Wed 5/28/14	Wed 5/28/14																				
2734	5079 - WB to SB Exposition @ Bill Robertson	4 days	Thu 5/22/14	Thu 5/29/14																				
2735	Power on camera system and testing	1 day	Thu 5/22/14	Fri 5/23/14																				
2736	Test data communications and downloads	1 day	Fri 5/23/14	Tue 5/27/14																				
2737	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 5/27/14	Thu 5/29/14																				
2738	Image Quality Check-Off (Check List)	0.5 days	Thu 5/29/14	Thu 5/29/14																				
2739	5077 - EB to NB Exposition @ Watt Way	4 days	Fri 5/23/14	Fri 5/30/14																				
2740	Power on camera system and testing	1 day	Fri 5/23/14	Tue 5/27/14																				
2741	Test data communications and downloads	1 day	Tue 5/27/14	Wed 5/28/14																				
2742	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 5/28/14	Fri 5/30/14																				
2743	Image Quality Check-Off (Check List)	0.5 days	Fri 5/30/14	Fri 5/30/14																				
2744	5068 - SB to EB Flower @ Jefferson	4 days	Tue 5/27/14	Mon 6/2/14																				
2745	Power on camera system and testing	1 day	Tue 5/27/14	Wed 5/28/14																				
2746	Test data communications and downloads	1 day	Wed 5/28/14	Thu 5/29/14																				
2747	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 5/29/14	Mon 6/2/14																				
2748	Image Quality Check-Off (Check List)	0.5 days	Mon 6/2/14	Mon 6/2/14																				
2749	5059 - SB to EB Flower @ 30th	4 days	Wed 5/28/14	Tue 6/3/14																				
2750	Power on camera system and testing	1 day	Wed 5/28/14	Thu 5/29/14																				
2751	Test data communications and downloads	1 day	Thu 5/29/14	Fri 5/30/14																				
2752	Finalize Alignment, Image Quality and Tuning	1.5 days	Fri 5/30/14	Tue 6/3/14																				
2753	Image Quality Check-Off (Check List)	0.5 days	Tue 6/3/14	Tue 6/3/14																				
2754	5048 - SB to EB Flower @ 28th	4 days	Thu 5/29/14	Wed 6/4/14																				
2755	Power on camera system and testing	1 day	Thu 5/29/14	Fri 5/30/14																				
2756	Test data communications and downloads	1 day	Fri 5/30/14	Mon 6/2/14																				
2757	Finalize Alignment, Image Quality and Tuning	1.5 days	Mon 6/2/14	Wed 6/4/14																				
2758	Image Quality Check-Off (Check List)	0.5 days	Wed 6/4/14	Wed 6/4/14																				
2759	5028 - SB to EB Flower at 23rd	4 days	Fri 5/30/14	Thu 6/5/14																				
2760	Power on camera system and testing	1 day	Fri 5/30/14	Mon 6/2/14																				
2761	Test data communications and downloads	1 day	Mon 6/2/14	Tue 6/3/14																				
2762	Finalize Alignment, Image Quality and Tuning	1.5 days	Tue 6/3/14	Thu 6/5/14																				
2763	Image Quality Check-Off (Check List)	0.5 days	Thu 6/5/14	Thu 6/5/14																				
2764	5018 - SB to WB Flower @ USC Trade Tech	4 days	Mon 6/2/14	Fri 6/6/14																				
2765	Power on camera system and testing	1 day	Mon 6/2/14	Tue 6/3/14																				
2766	Test data communications and downloads	1 day	Tue 6/3/14	Wed 6/4/14																				
2767	Finalize Alignment, Image Quality and Tuning	1.5 days	Wed 6/4/14	Fri 6/6/14																				
2768	Image Quality Check-Off (Check List)	0.5 days	Fri 6/6/14	Fri 6/6/14																				
2769	5008 - SB to EB Flower @ Washington	4 days	Tue 6/3/14	Mon 6/9/14																				

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ID	Task Name	Duration	Start	Finish	2014				2015									
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4				
2770	Power on camera system and testing	1 day	Tue 6/3/14	Wed 6/4/14														
2771	Test data communications and downloads	1 day	Wed 6/4/14	Thu 6/5/14														
2772	Finalize Alignment, Image Quality and Tuning	1.5 days	Thu 6/5/14	Mon 6/9/14														
2773	Image Quality Check-Off (Check List)	0.5 days	Mon 6/9/14	Mon 6/9/14														
2774	Site Acceptance	33.75 days	Fri 5/16/14	Mon 7/7/14														
2775	5129 - WB to SB Exposition @ Western	15.75 days	Fri 5/16/14	Tue 6/10/14														
2776	Engineering Acceptance Sign-Off	0.25 days	Fri 5/16/14	Fri 5/16/14														
2777	Maintenance Acceptance Sign-Off	0.25 days	Mon 5/19/14	Mon 5/19/14														
2778	Program Management Acceptance Sign-Off	0.25 days	Tue 6/10/14	Tue 6/10/14														
2779	5127 - EB to NB Exposition @ Western	15.75 days	Mon 5/19/14	Wed 6/11/14														
2780	Engineering Acceptance Sign-Off	0.25 days	Mon 5/19/14	Mon 5/19/14														
2781	Maintenance Acceptance Sign-Off	0.25 days	Tue 5/20/14	Tue 5/20/14														
2782	Program Management Acceptance Sign-Off	0.25 days	Wed 6/11/14	Wed 6/11/14														
2783	5119 - WB to SB Exposition @ Denker	15.75 days	Tue 5/20/14	Thu 6/12/14														
2784	Engineering Acceptance Sign-Off	0.25 days	Tue 5/20/14	Tue 5/20/14														
2785	Maintenance Acceptance Sign-Off	0.25 days	Wed 5/21/14	Wed 5/21/14														
2786	Program Management Acceptance Sign-Off	0.25 days	Thu 6/12/14	Thu 6/12/14														
2787	5117 - EB to NB Exposition @ Halldale	16.75 days	Wed 5/21/14	Mon 6/16/14														
2788	Engineering Acceptance Sign-Off	0.25 days	Wed 5/21/14	Wed 5/21/14														
2789	Maintenance Acceptance Sign-Off	0.25 days	Thu 5/22/14	Thu 5/22/14														
2790	Program Management Acceptance Sign-Off	0.25 days	Mon 6/16/14	Mon 6/16/14														
2791	5109 - WB to SB Exposition @ Normandle	16.75 days	Thu 5/22/14	Tue 6/17/14														
2792	Engineering Acceptance Sign-Off	0.25 days	Thu 5/22/14	Thu 5/22/14														
2793	Maintenance Acceptance Sign-Off	0.25 days	Fri 5/23/14	Fri 5/23/14														
2794	Program Management Acceptance Sign-Off	0.25 days	Tue 6/17/14	Tue 6/17/14														
2795	5107 - EB to NB Exposition @ Normandle	16.75 days	Fri 5/23/14	Wed 6/18/14														
2796	Engineering Acceptance Sign-Off	0.25 days	Fri 5/23/14	Fri 5/23/14														
2797	Maintenance Acceptance Sign-Off	0.25 days	Tue 5/27/14	Tue 5/27/14														
2798	Program Management Acceptance Sign-Off	0.25 days	Wed 6/18/14	Wed 6/18/14														
2799	5089 - WB to SB Exposition @ Vermont	16.75 days	Tue 5/27/14	Thu 6/19/14														
2800	Engineering Acceptance Sign-Off	0.25 days	Tue 5/27/14	Tue 5/27/14														
2801	Maintenance Acceptance Sign-Off	0.25 days	Wed 5/28/14	Wed 5/28/14														
2802	Program Management Acceptance Sign-Off	0.25 days	Thu 6/19/14	Thu 6/19/14														
2803	5087 - EB to NB Exposition @ Vermont	17.75 days	Wed 5/28/14	Mon 6/23/14														
2804	Engineering Acceptance Sign-Off	0.25 days	Wed 5/28/14	Wed 5/28/14														
2805	Maintenance Acceptance Sign-Off	0.25 days	Thu 5/29/14	Thu 5/29/14														
2806	Program Management Acceptance Sign-Off	0.25 days	Mon 6/23/14	Mon 6/23/14														
2807	5079 - WB to SB Exposition @ Bill Robertson	17.75 days	Thu 5/29/14	Tue 6/24/14														
2808	Engineering Acceptance Sign-Off	0.25 days	Thu 5/29/14	Thu 5/29/14														
2809	Maintenance Acceptance Sign-Off	0.25 days	Fri 5/30/14	Fri 5/30/14														
2810	Program Management Acceptance Sign-Off	0.25 days	Tue 6/24/14	Tue 6/24/14														

Metro Photo Enforcement Program
Project Work Plan

Task Name	Duration	Start	Finish	2014				2015												
				Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2									
2811 5077 - EB to NB Exposition @ Watt Way	17.75 days	Fri 5/30/14	Wed 6/25/14																	
Engineering Acceptance Sign-Off	0.25 days	Fri 5/30/14	Fri 5/30/14																	
Maintenance Acceptance Sign-Off	0.25 days	Mon 6/2/14	Mon 6/2/14																	
Program Management Acceptance Sign-Off	0.25 days	Wed 6/25/14	Wed 6/25/14																	
2814 5066 - SB to EB Flower @ Jefferson	17.75 days	Mon 6/2/14	Thu 6/26/14																	
Engineering Acceptance Sign-Off	0.25 days	Mon 6/2/14	Mon 6/2/14																	
Maintenance Acceptance Sign-Off	0.25 days	Tue 6/3/14	Tue 6/3/14																	
Program Management Acceptance Sign-Off	0.25 days	Thu 6/26/14	Thu 6/26/14																	
2818 5058 - SB to EB Flower @ 30th	18.75 days	Tue 6/3/14	Mon 6/30/14																	
Engineering Acceptance Sign-Off	0.25 days	Tue 6/3/14	Tue 6/3/14																	
Maintenance Acceptance Sign-Off	0.25 days	Wed 6/4/14	Wed 6/4/14																	
Program Management Acceptance Sign-Off	0.25 days	Mon 6/30/14	Mon 6/30/14																	
2823 5048 - SB to EB Flower @ 28th	18.75 days	Wed 6/4/14	Tue 7/1/14																	
Engineering Acceptance Sign-Off	0.25 days	Wed 6/4/14	Wed 6/4/14																	
Maintenance Acceptance Sign-Off	0.25 days	Thu 6/5/14	Thu 6/5/14																	
Program Management Acceptance Sign-Off	0.25 days	Tue 7/1/14	Tue 7/1/14																	
2827 5028 - SB to EB Flower at 23rd	18.75 days	Thu 6/5/14	Wed 7/2/14																	
Engineering Acceptance Sign-Off	0.25 days	Thu 6/5/14	Thu 6/5/14																	
Maintenance Acceptance Sign-Off	0.25 days	Fri 6/6/14	Fri 6/6/14																	
Program Management Acceptance Sign-Off	0.25 days	Wed 7/2/14	Wed 7/2/14																	
2831 5018 - SB to WB Flower @ USC Trade Tech	18.75 days	Fri 6/6/14	Thu 7/3/14																	
Engineering Acceptance Sign-Off	0.25 days	Fri 6/6/14	Fri 6/6/14																	
Maintenance Acceptance Sign-Off	0.25 days	Mon 6/9/14	Mon 6/9/14																	
Program Management Acceptance Sign-Off	0.25 days	Thu 7/3/14	Thu 7/3/14																	
2833 5008 - SB to EB Flower @ Washington	18.75 days	Mon 6/9/14	Mon 7/7/14																	
Engineering Acceptance Sign-Off	0.25 days	Mon 6/9/14	Mon 6/9/14																	
Maintenance Acceptance Sign-Off	0.25 days	Tue 6/10/14	Tue 6/10/14																	
Program Management Acceptance Sign-Off	0.25 days	Mon 7/7/14	Mon 7/7/14																	
2835 METRO Acceptance	80 days	Tue 6/10/14	Wed 10/1/14																	
2836 5126 - WB to SB Exposition @ Western	62 days	Tue 6/10/14	Fri 9/5/14																	
System Acceptance Test (SAT)	1 day	Tue 6/10/14	Wed 6/11/14																	
Xerox Warranty Period	60 days	Wed 6/11/14	Thu 9/4/14																	
2842 Final Metro Site Acceptance	1 day	Thu 9/4/14	Fri 9/5/14																	
2843 5127 - EB to NB Exposition @ Western	62 days	Wed 6/11/14	Mon 9/8/14																	
System Acceptance Test (SAT)	1 day	Wed 6/11/14	Thu 6/12/14																	
Xerox Warranty Period	60 days	Thu 6/12/14	Fri 9/5/14																	
2846 Final Metro Site Acceptance	1 day	Fri 9/5/14	Mon 9/8/14																	
2847 5119 - WB to SB Exposition @ Denker	62 days	Thu 6/12/14	Tue 9/9/14																	
System Acceptance Test (SAT)	1 day	Thu 6/12/14	Fri 6/13/14																	
Xerox Warranty Period	60 days	Fri 6/13/14	Mon 9/8/14																	
2851 Final Metro Site Acceptance	1 day	Mon 9/8/14	Tue 9/9/14																	

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014				2015													
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1											
2852	5117 - EB to NB Exposition @ Halldale	62 days	Mon 6/16/14	Thu 9/11/14																		
2853	System Acceptance Test (SAT)	1 day	Mon 6/16/14	Tue 6/17/14																		
2854	Xerox Warranty Period	60 days	Tue 6/17/14	Wed 9/10/14																		
2855	Final Metro Site Acceptance	1 day	Wed 9/10/14	Thu 9/11/14																		
2856	5109 - WB to SB Exposition @ Normandie	62 days	Tue 6/17/14	Fri 9/12/14																		
2857	System Acceptance Test (SAT)	1 day	Tue 6/17/14	Wed 6/18/14																		
2858	Xerox Warranty Period	60 days	Wed 6/18/14	Thu 9/11/14																		
2859	Final Metro Site Acceptance	1 day	Thu 9/11/14	Fri 9/12/14																		
2860	5107 - EB to NB Exposition @ Normandie	62 days	Wed 6/18/14	Mon 9/15/14																		
2861	System Acceptance Test (SAT)	1 day	Wed 6/18/14	Thu 6/19/14																		
2862	Xerox Warranty Period	60 days	Thu 6/19/14	Fri 9/12/14																		
2863	Final Metro Site Acceptance	1 day	Fri 9/12/14	Mon 9/15/14																		
2864	5099 - WB to SB Exposition @ Vermont	62 days	Thu 6/19/14	Tue 9/16/14																		
2865	System Acceptance Test (SAT)	1 day	Thu 6/19/14	Fri 6/20/14																		
2866	Xerox Warranty Period	60 days	Fri 6/20/14	Mon 9/15/14																		
2867	Final Metro Site Acceptance	1 day	Mon 9/15/14	Tue 9/16/14																		
2868	5087 - EB to NB Exposition @ Vermont	62 days	Mon 6/23/14	Thu 9/18/14																		
2869	System Acceptance Test (SAT)	1 day	Mon 6/23/14	Tue 6/24/14																		
2870	Xerox Warranty Period	60 days	Tue 6/24/14	Wed 9/17/14																		
2871	Final Metro Site Acceptance	1 day	Wed 9/17/14	Thu 9/18/14																		
2872	5079 - WB to SB Exposition @ Bill Robertson	62 days	Tue 6/24/14	Fri 9/19/14																		
2873	System Acceptance Test (SAT)	1 day	Tue 6/24/14	Wed 6/25/14																		
2874	Xerox Warranty Period	60 days	Wed 6/25/14	Thu 9/18/14																		
2875	Final Metro Site Acceptance	1 day	Thu 9/18/14	Fri 9/19/14																		
2876	5077 - EB to NB Exposition @ Watt Way	62 days	Wed 6/25/14	Mon 9/22/14																		
2877	System Acceptance Test (SAT)	1 day	Wed 6/25/14	Thu 6/26/14																		
2878	Xerox Warranty Period	60 days	Thu 6/26/14	Fri 9/19/14																		
2879	Final Metro Site Acceptance	1 day	Fri 9/19/14	Mon 9/22/14																		
2880	5068 - SB to EB Flower @ Jefferson	62 days	Thu 6/26/14	Tue 9/23/14																		
2881	System Acceptance Test (SAT)	1 day	Thu 6/26/14	Fri 6/27/14																		
2882	Xerox Warranty Period	60 days	Fri 6/27/14	Mon 9/22/14																		
2883	Final Metro Site Acceptance	1 day	Mon 9/22/14	Tue 9/23/14																		
2884	5058 - SB to EB Flower @ 30th	62 days	Mon 6/30/14	Thu 9/25/14																		
2885	System Acceptance Test (SAT)	1 day	Mon 6/30/14	Tue 7/1/14																		
2886	Xerox Warranty Period	60 days	Tue 7/1/14	Wed 9/24/14																		
2887	Final Metro Site Acceptance	1 day	Wed 9/24/14	Thu 9/25/14																		
2888	5048 - SB to EB Flower @ 28th	62 days	Tue 7/1/14	Fri 9/26/14																		
2889	System Acceptance Test (SAT)	1 day	Tue 7/1/14	Wed 7/2/14																		
2890	Xerox Warranty Period	60 days	Wed 7/2/14	Thu 9/25/14																		
2891	Final Metro Site Acceptance	1 day	Thu 9/25/14	Fri 9/26/14																		
2892	5028 - SB to EB Flower at 23rd	62 days	Wed 7/2/14	Mon 9/29/14																		

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014				2015						
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2			
2893	System Acceptance Test (SAT)	1 day	Wed 7/2/14	Thu 7/3/14											
2894	Xerox Warranty Period	60 days	Thu 7/3/14	Fri 9/26/14											
2895	Final Metro Site Acceptance	1 day	Fri 9/26/14	Mon 9/29/14											
2896	5018 - SB to WB Flower @ USC Trade Tech	62 days	Thu 7/3/14	Tue 9/30/14											
2897	System Acceptance Test (SAT)	1 day	Thu 7/3/14	Mon 7/7/14											
2898	Xerox Warranty Period	60 days	Mon 7/7/14	Mon 9/29/14											
2899	Final Metro Site Acceptance	1 day	Mon 9/29/14	Tue 9/30/14											
2900	5008 - SB to EB Flower @ Washington	62 days	Mon 7/7/14	Wed 10/1/14											
2901	System Acceptance Test (SAT)	1 day	Mon 7/7/14	Tue 7/8/14											
2902	Xerox Warranty Period	60 days	Tue 7/8/14	Tue 9/30/14											
2903	Final Metro Site Acceptance	1 day	Tue 9/30/14	Wed 10/1/14											
2904	Backend Buildout	27 days	Fri 11/1/13	Wed 12/11/13											
2905	Citation Processing / Operations	27 days	Fri 11/1/13	Wed 12/11/13											
2906	Business Rules - City Issuance criteria requirements	3 days	Tue 11/7/13	Tue 11/12/13											
2907	Modify existing client business rules documents as required (Enforcement Notices)	1 day	Thu 11/7/13	Fri 11/8/13											
2908	Submit business rules documents to client for review	1 day	Fri 11/8/13	Mon 11/11/13											
2909	Business rules documents client sign-off	1 day	Mon 11/11/13	Tue 11/12/13											
2910	Citeweb Database Setup, DMV Interface, Warning Notice, Correspondence Development, & Customer Service Citeweb Database	27 days	Fri 11/1/13	Wed 12/11/13											
2911	Define Citeweb modification requirements	10 days	Tue 11/12/13	Tue 11/26/13											
2912	Programming & development	1 day	Tue 11/12/13	Wed 11/13/13											
2913	Testing & QA	5 days	Wed 11/13/13	Wed 11/20/13											
2914	Approved to move to production	3 days	Wed 11/20/13	Mon 11/25/13											
2915	DMV/NLETS (Existing)	1 day	Mon 11/25/13	Tue 11/26/13											
2916	Define DMV interface requirements	8 days	Tue 11/12/13	Fri 11/22/13											
2917	DMV access codes / permits	2 days	Tue 11/12/13	Thu 11/14/13											
2918	DMV approval	1 day	Thu 11/14/13	Fri 11/15/13											
2919	Request DMV programming development	2 days	Fri 11/15/13	Tue 11/19/13											
2920	DMV testing	1 day	Wed 11/20/13	Thu 11/21/13											
2921	DMV/NLETS interface complete	1 day	Thu 11/21/13	Fri 11/22/13											
2922	WARNING Notice	0 days	Fri 11/22/13	Fri 11/22/13											
2923	Modify warning notice as required	4 days	Tue 11/12/13	Mon 11/18/13											
2924	Submit for client approval - warning notice	1 day	Tue 11/12/13	Wed 11/13/13											
2925	Program final warning notice into Citeweb database	1 day	Wed 11/13/13	Thu 11/14/13											
2926	Testing & QA	1 day	Thu 11/14/13	Fri 11/15/13											
2927	Warning notice complete	1 day	Fri 11/15/13	Mon 11/18/13											
2928	Correspondence Development	0 days	Mon 11/18/13	Mon 11/18/13											
2929	Modify correspondence documents as required	6 days	Tue 11/12/13	Wed 11/20/13											
2930	Submit for client approval - correspondence	1 day	Tue 11/12/13	Wed 11/13/13											
2931		2 days	Wed 11/13/13	Fri 11/15/13											

Metro Photo Enforcement Program
Project Work Plan

ID	Task Name	Duration	Start	Finish	2014				2015	
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
2932	Program final correspondence into Citeweb database	2 days	Fri 11/15/13	Tue 11/19/13						
2933	Testing & QA	1 day	Tue 11/19/13	Wed 11/20/13						
2934	Correspondence notice complete	0 days	Wed 11/20/13	Wed 11/20/13						
2935	Final System Test (Violation to Citation)	2 days	Mon 11/25/13	Wed 11/27/13						
2936	Process event - initial review through printing	1 day	Mon 11/25/13	Tue 11/26/13						
2937	Final QA/review all client documents	1 day	Tue 11/26/13	Wed 11/27/13						
2938	Customer Service	27 days	Fri 11/1/13	Wed 12/11/13						
2939	Modify existing CSR FAQ	4 days	Tue 11/12/13	Mon 11/18/13						
2940	Order toll free lines	20 days	Fri 11/1/13	Mon 12/2/13						
2941	Test telephone lines	3 days	Tue 12/3/13	Thu 12/5/13						
2942	Finalize customer service process (appt scheduling/ Q&A)	3 days	Fri 12/6/13	Tue 12/10/13						
2943	Customer service center testing	1 day	Wed 12/11/13	Wed 12/11/13						
2944	1st Notice	4 days	Tue 11/12/13	Mon 11/18/13						
2945	Modify 1st notice as required	1 day	Tue 11/12/13	Wed 11/13/13						
2946	Submit for client approval - 1st notice	1 day	Wed 11/13/13	Thu 11/14/13						
2947	Program final 1st notice into Citeweb database	1 day	Thu 11/14/13	Fri 11/15/13						
2948	Testing & QA	1 day	Fri 11/15/13	Mon 11/18/13						
2949	1st notice complete	0 days	Mon 11/18/13	Mon 11/18/13						
2950	Customer Training	6 days	Tue 11/12/13	Wed 11/20/13						
2951	Establish client groups to be trained (Participants)	2 days	Tue 11/12/13	Thu 11/14/13						
2952	Establish training schedule	2 days	Tue 11/12/13	Thu 11/14/13						
2953	Establish training schedule	2 days	Thu 11/14/13	Mon 11/18/13						
2954	Conduct training	2 days	Mon 11/18/13	Wed 11/20/13						

EXHIBIT D

PHOTO ENFORCEMENT CONTRACT PRICE AND PAYMENT SUMMARY

CONTRACT NO. PS68103079

PRICE AND PAYMENT SUMMARY

EXHIBIT D

Contract Line Item No.	Task Description	SOW Reference	Quantity	Unit Price	Total Price	Delivery Date/Frequencies
0001	System Design	3.0 A	LOT - System	Monthly Progress Payment	\$325,276.00	IAW Contract Project Schedule
0002	System Construction	3.0 B	LOT - System	Monthly Progress Payment	\$1,843,230.00	IAW Contract Project Schedule
0003	Photo Enforcement Operations & Maintenance	3.0 C	System Wide	\$1,702.00	\$16,922,511.00	As Required
0004	OPTION Rear Video Camera	2.0 B	114 Locations	\$30,190.60	\$3,441,728.00	TBD