

LEGAL NOTICE

VILLAGE OF ORLAND PARK, ILLINOIS
ADVERTISEMENT FOR BIDS

**Traffic Signal Modification
151ST Street and 80th Avenue**

The Village of Orland Park, Illinois will receive sealed bids until 11:00 A.M. on the 22nd day of June, 2011, at the Office of the Village Clerk, 14700 S. Ravinia Ave., Orland Park, Illinois 60462, for Traffic Signal Modification – 151st Street and 80th Avenue. All Bids received will be publicly opened and read aloud on said date and time at the Village Hall, 14700 Ravinia Avenue, Orland Park, Illinois, 60462, before the Village Manager or his designee.

The improvements on which bids are requested will require the following construction: Modifying the existing traffic signal at the intersection of 151st Street and 80th Avenue in Orland Park, Illinois.

The contract items including plans and specifications are on file and available for inspection and copies will be available at the Office of the Village Clerk and online at the Village's website www.orland-park.il.us.

No bid shall be withdrawn after the opening of the bid without the consent of the Village for a period of sixty (60) days after the scheduled time of opening and reading bids.

The President and Board of Trustees reserve the right to reject any and all bids or parts thereof and to waive any informalities, technicalities and irregularities in bidding and to disregard all non-conforming or conditional bids.

The successful bidder shall be required to comply with the provisions of all State of Illinois and federal laws concerning public works projects as well as the State of Illinois Human Rights Act and the regulations of the Illinois Human Rights Commission. Any contract executed is subject to the Illinois Prevailing Wage Act.

By order of the President and Board of Trustees of the Village of Orland Park, Cook and Will Counties, Illinois.

PRESIDENT AND BOARD OF TRUSTEES
VILLAGE OF ORLAND PARK, ILLINOIS

BY: DAVID P. MAHER
VILLAGE CLERK



VILLAGE OF ORLAND PARK, ILLINOIS

INVITATION TO BID

Traffic Signal Modification
151st Street and 80th Avenue

ISSUED

June 8, 2011

BID OPENING

June 22, 2011
11:00 AM

VILLAGE OF ORLAND PARK, ILLINOIS
Traffic Signal Modification
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I. INSTRUCTIONS TO BIDDERS

OVERVIEW

The Village of Orland Park requests Bids for 151st Street and 80th Avenue Traffic Signal Modification (“the Project”) in the Village of Orland Park, Illinois (“Village”). See the Specifications prepared by Village of Orland Park Public Works Department and Christopher B. Burke Engineering, Ltd (CBBEL) for details on the Project (“Specifications”).

In order to be responsive, SEALED BIDS must be signed and received by the Village of Orland Park in the Office of the Village Clerk, 14700 South Ravinia Avenue, Orland Park, Illinois 60462, not later than 11:00 a.m., local prevailing time on Wednesday June 22, 2011. All sealed bids must be submitted to the Village Clerk, located at the above stated address. All sealed bids submitted properly will be opened publicly and read aloud immediately following the stated submission time for the Project which described in detail consists of the following:

Modifying the traffic signal located at the intersection of 151st Street and 80th Avenue in the Village of Orland Park as further described in Exhibits C and D.

Oral, telephonic, facsimile or electronically transmitted bids shall not be considered.

No oral comments will be made to any Bidder as to the meaning of the Specifications or other contract documents. Requests for comments shall be made in writing and directed to Edward Wilmes or Thomas Martin via fax at (708) 403-8798. Inquiries received in writing within seven (7) or more days prior to the bid opening will be given consideration and answers will be provided in writing to all potential bidders and will be available to the public. Bidders will not be relieved of obligations due to failure to examine or receive documents, or become familiar with conditions or facts of which the Bidder should have been aware and the Village will reject all claims related thereto.

Information (other than in the form of a written Addendum issued by the Village) from any officer, agent, or employee of the Village or any other person shall not affect the risks or obligations assumed by the bidder or relieve him from fulfilling any of the conditions and obligations set forth in the bid and other contract documents. Before the bids are opened, all modification or additions to the Specifications or General Provisions, or other bid documents will be made in the form of a written Addendum issued by the Village. The Village will send copies of any such Addendum not less than four (4) calendar days before bids are opened to those persons who have received bid packages and provided sufficient contact information. In the event of conflict with the original contract documents, addenda shall govern all other contract documents to the extent specified. Subsequent

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addenda shall govern over prior addenda only to the extent specified.

The bidder shall be required to acknowledge receipt of the formal Addendum (if any exist) by signing the Addendum and including it with the bid quotation and noting receipt on the Bid Summary Sheet in section III. Failure of a bidder to include a signed formal Addendum in its bid quotation shall deem its quotation non-responsive; provided, however, that the Village may waive this requirement in its best interest.

Any references in the Specifications to manufacturer's name, trade name, or catalog number (unless otherwise specified) is intended to be descriptive but not restrictive and only to indicate articles or materials that will be satisfactory. Bids on alternates will be considered, provided each bidder clearly states on the face of their bid exactly what is proposed to be furnished. Unless so stated in the bid, it shall be understood that the bidder intends to furnish the item specified and does not propose to furnish an "equal." The Village hereby reserves the right to approve as an equal, or to reject as not being an equal any article the bidder proposes to furnish which contains minor or major variations from specification requirements, but which may comply substantially therewith.

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BID SPECIFICATIONS FOR:

Traffic Signal Modifications at 151st Street and 80th Avenue.

SCOPE OF WORK:

The Village of Orland Park, Illinois is requesting bids for Traffic Signal Modifications at 151st Street and 80th Avenue. Bids should be based on a total cost and turnkey operation as indicated in Exhibit D, Traffic Signal Modification plan as compiled and outlined by Christopher Burke Engineering Ltd. (CBBEL). Once started the work will need to continue uninterrupted until completed to the satisfaction of the Village, as this intersection has an Emergency Response Facility located adjacent to it.

SPECIAL CONDITIONS:

All work shall be performed in accordance with the latest editions of the following: Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction" along with the latest edition of "Supplemental Specifications and Recurring Special Provisions" (collectively the "SSRBC"), the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Standard Specifications for Water and Sewer Main Construction in Illinois." Work shall also conform, where applicable, to the Special Provisions contained in Section III.

CONTRACTOR QUALIFICATIONS:

The contractor shall have a minimum of three years experience in the installation, maintenance and repair of traffic signals and any and all infrastructure associated with them. Please list 3 projects within the past 5 years in which this type work was performed successfully and completed using similar methods and equipment. The bidders grant the Village of Orland Park permission to contact said project owners and ask questions regarding prior work performance. Village shall use the information gained from bidder's qualifications to further evaluate the bidders.

This list shall contain the following information for each of the projects:

1. Project name
2. Owner of project
3. Owner's representative, address and telephone number
4. Description of work performed, including materials and equipment
5. Total cost of the project
6. Date of completion

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BID SUBMISSION:

Please provide a Total Cost for all work associated with traffic signal modification at 151st Street and 80th Avenue. The bids shall contain itemized descriptions and cost associated with each aspect of the construction work as outlined on sheet 3 of attached (CBBEL) plans – Exhibit D.

GENERAL PROVISIONS

Contract – The Additional Information section includes a sample standard contract, subject to modifications, that the successful bidder will be required to enter into with the Village of Orland Park within ten (10) business days of notice of bid award (hereinafter referred to as the “Contract”).

Certain provisions of the Contract shall survive the expiration or termination of the Contract.

Resident Inspector – The Director of Public Works, or his designee, reserves the right to make any inspections at any time during the work day.

Period of Performance - Actual work cannot begin until the Village issues a written Notice to Proceed to the Contractor. In order to receive said Notice, the Contractor shall submit to the Village for its approval all the necessary contracts, bonds, and insurance. Village approval of the contracts, bonds and insurance, shall be evidenced by its issuance of the signed contract by the Village and the Notice to Proceed. The Village reserves the right to terminate the relationship with the successful bidder if these documents are not submitted to and approved by the Village within ten (10) days of notice of bid award.

Payments – Payment terms shall be pursuant to the provisions of the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*) after receipt by the Village of Contractor’s Dated Invoice, Contractor’s Sworn Statement, and Lien Waiver for the amount being requested. Invoices should include the following information:

- Name and address of contractor
- Purchase order number
- Dates of service
- Current invoice amount
- Invoices from subcontractors
- Lien Waivers from subcontractors

The Village may exercise its right to request photocopies of cancelled checks from the Contractor to his subcontractors, manufacturers, and suppliers, etc. Copies of these

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cancelled checks along with all applicable Lien Waivers shall accompany each pay request and shall be submitted for the month previous to the amount shown on the pay request.

Upon the Village's request, invoices for progress payments must include supporting documentation such as packing slips, subcontractor's invoice and material invoices.

Changes in the Scope of Work - Changes in the contractual scope of work shall be preceded by a duly executed Change Order itemizing any change in the contract sum or terms and conditions and, if required by the Village, approved by the Village Board of Trustees prior to acceptance of the Change Order.

Assignment – Successful bidder shall not assign the work of this Project without the prior written approval of the Village.

Compliance with Laws – The bidder shall at all times observe and comply with all laws, ordinances and regulations of the federal, state, local and Village governments, which may in any manner affect the preparation of bids or the performance of the Contract.

Bidder hereby agrees that it will comply with all requirements of the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., including the provision dealing with sexual harassment and that if awarded the Contract will not engage in any prohibited form of discrimination in employment as defined in that Act and will require that its subcontractors agree to the same restrictions. The contractor shall maintain, and require that its subcontractors maintain, policies of equal employment opportunity which shall prohibit discrimination against any employee or applicant for employment on the basis of race, religion, color, sex, national origin, ancestry, citizenship status, age, marital status, physical or mental disability unrelated to the individual's ability to perform the essential functions of the job, association with a person with a disability, or unfavorable discharge from military service. Contractors and all subcontractors shall comply with all requirements of the Act and of the Rules of the Illinois Department of Human Rights with regard to posting information on employees' rights under the Act. Contractors and all subcontractors shall place appropriate statements identifying their companies as equal opportunity employers in all advertisements for workers to be employed in work to be performed.

Not less than the Prevailing Rate of Wages as found by the Village of Orland Park or the Department of Labor shall be paid to laborers, workmen, and mechanics performing work under the Contract. If awarded the Contract, contractor must comply with all provisions of the Illinois Prevailing Wage Act, including, but not limited to, providing certified payroll records to the Village Clerk. Contractor and subcontractors shall be required to comply with all applicable federal laws, state laws and regulations regarding minimum wages, limit on payment to minors, minimum fair wage standards for minors, payment of wage

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due employees, and health and safety of employees. Contractor and subcontractor are required to pay employees all rightful salaries, medical benefits, pension and social security benefits pursuant to applicable labor agreements and federal and state statutes and to further require withholdings and deposits therefore.

Any contractor doing work in the Village must obtain a Contractor's license from the Village of Orland's Building Department, as may be required by Village code.

Guarantees and Warranties - All guarantees and warranties required shall be furnished by the bidder if awarded the Contract and shall be delivered to the Finance Department before final payment on the Contract is issued.

Alternates - Equipment and materials are specified. Alternate equipment and or material other than those outlined within this packet will need to be specified with a cut sheet within the contractor's bid. If for any reason and at the sole discretion of the Village of Orland Park any alternate equipment and or materials are deemed to be unacceptable the entire bid may be disregarded.

Indemnification - The selected contractor shall indemnify and hold harmless the Village of Orland Park ("Village"), its trustees, officers, directors, agents, employees, representative and assigns, from lawsuits, actions, costs (including attorney's fees), claims or liability of any character, incurred due to the alleged negligence of the Contractor, brought because of any injuries or damages received or sustained by any person, persons or property on account of any act or omission, neglect or misconduct of said Contractor, its officers, agents and/or employees arising out of, or in performance of any of the provisions of the Contract Documents, including any claims or amounts recovered for any infringements of patent, trademark or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act: or any other law, ordinance, order or decree. In connection with any such claims, lawsuits, actions or liabilities, the Village, its trustees, officers, directors, agents, employees, representatives and their assigns shall have the right to defense counsel of their choice. The Contractor shall be solely liable for all costs of such defense and for all expenses, fees, judgments, settlements and all other costs arising out of such claims, lawsuits, actions or liabilities.

The Contractor shall not make any settlement or compromise of a lawsuit or claim, or fail to pursue any available avenue of appeal of any adverse judgment, without the approval of the Village and any other indemnified party. The Village or any other indemnified party, in its or their sole discretion, shall have the option of being represented by its or their own counsel. If this option is exercised, then the Contractor shall promptly reimburse the Village or other indemnified party, upon written demand, for any expenses, including but not limited to court costs, reasonable attorneys' and witnesses' fees and other expenses of litigation incurred by the Village or other indemnified party in connection therewith.

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BID SUBMISSION REQUIREMENTS

Bidder must submit three (3) complete, sealed, signed and attested copies of the bid, two (2) of which shall be a complete bound copies and one (1) of which shall be a complete, identical, unbound copy of the bid, and shall have provided all requested information, and submitted all appropriate forms, certificates, affidavits and addendum acknowledgements in each copy in order to be considered responsive. All copies shall contain the forms with the original signatures.

Once submitted, no bid may be withdrawn without the Village's consent, but it may be superseded by a subsequent timely bid. Any bid received after the time and date specified for opening, or any postponement thereof, will not be considered. Bids shall be irrevocable for a period of sixty (60) calendar days after the Village opens them.

Each bidder is responsible for reading the bid documents and determining that the Specifications describe the work to be performed in sufficient detail. Failure of a bidder to do so shall not relieve the bidder of any obligation with respect to said bid. Bidders shall notify the Village of any inappropriate service, brand name, component, or equipment called for by the Village in the Specifications and shall note in its bid the adjustments made to accommodate such deficiencies in the Specifications. After bids have been opened, no bidder shall assert that there was a misunderstanding concerning the nature of the work to be done or the quantities and specifications of the equipment/materials/items to be delivered, and no such claim shall relieve a bidder from its obligation to perform. All bids must be made only on the forms provided by the Village and must be made in accordance with this Invitation to Bid and Specifications, (Project manual) all of which are on file and may be obtained for examination in the Clerk's Office at the above address and are made part of this notice as though fully set forth herein.

Bidder Summary Sheet - Section II includes the Bidder Summary Sheet which must be completed and submitted with the bid package.

Unit Price Summary Sheet – Section II includes the Unit Price Summary Sheet which must be completed and submitted with the bid package.

Contractor Qualifications – Section II includes a Contract Qualifications Sheet that must be completed and submitted with the bid package.

Insurance – Contractor shall purchase and maintain, at all times during the performance of the work under this Contract, insurance coverage and endorsements, including Worker's Compensation, Automobile Liability, Comprehensive General Liability and Excess Liability, in the amounts set forth in the Village's Insurance Requirements attached in Section II. **Bidders must sign and submit with the bid, the Insurance Requirements page, as recognition of the insurance coverage and amounts (hereinafter referred to as "coverage(s))" that will**

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be required to be in place before the commencement of any work by the successful bidder. By signing this form, the bidder is certifying that in the event the bidder does not already have the required insurance coverage in place, that the bidder has checked with their insurance carrier and verified that the coverage and endorsements requested will be able to be obtained by the bidder within ten (10) days after the date of the Notice of Award of the Contract. The bidder has the sole responsibility of verifying that the coverage and endorsements will be available for purchase and has made any and all inquiries necessary to satisfy this requirement and fully inform themselves in regards to any additional policy premiums the successful bidder may incur as a result of obtaining said required coverage's. The bidder also represents that they have taken the insurance requirements into account and at the bidders' sole discretion, has factored this into the bid prices submitted. The successful bidder is solely and entirely responsible for the payment of policy premiums and in no event will the Village of Orland Park be obligated to incur any additional expense, nor will the Village increase the amount of the Contract above the amount bid, as a result of any expense the successful bidder may incur to satisfy the obligations required herein.

Please submit with the bid, a current policy Specimen Certificate of Insurance showing the insurance coverage's the bidder currently has in force.

Upon award of the contract, any insurance policies providing the coverage required of the Contractor shall be specifically endorsed to identify "*The Village of Orland Park, and their respective officers, trustees, directors, employees and agents as Additional Insured's on a primary/non-contributory basis with respect to all claims arising out of operations by or on behalf of the named insured.*" If the named insured's have other applicable insurance coverage, that coverage shall be deemed to be on an excess or contingent basis. The policies shall also contain a "Waiver of Subrogation in favor of the Additional Insured's in regards to General Liability and Workers Compensation coverage's." The certificate of insurance shall also state this information on its face and endorsements will be required to be submitted if awarded the contract.

Bid Price - The submitted bid price shall include all permits, insurance, goods/materials/equipment, plant facilities, work and expense necessary to perform the work in accordance with the Specifications included in this bid package. The submitted bid price shall not include any amount for sales or use taxes, or any other tax from which the Village is exempt.

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EVALUATION OF BIDS/BIDDERS

The Village reserves the right to accept any bid, any part or parts thereof, or to reject any and all bids.

The Village reserves the right to waive minor informalities or irregularities in the bids received, to accept any bid deemed advantageous to the Village, or to reject any and all bids submitted. Conditional bids, or those which take exception to the Contract documents without prior written approval from the Village, may be considered non-responsive and may be rejected.

The Village may make such investigations as it deems necessary to determine the ability of the bidder to perform the work in conformity with the Contract documents, and the bidder shall furnish to the Village all such information and data for this purpose as the Village may request.

The Contract shall be awarded to the lowest responsive, responsible bidder. In determining the lowest responsive and responsible bid, consideration will be given to several factors, including but not limited to price, financial responsibility of the bidder, completion date, responsiveness to the specifications, and the experience of the Village and other purchasers with the bidders.

Award of the contract is subject to Village of Orland Park Board approval. The Corporate Authority of the Village may elect to enforce its Local Vendor Purchasing Policy (see Section III Exhibit A – Local Vendor Purchasing Policy) when awarding the contract.

By submitting its bid, the bidder agrees to furnish, upon request from the Village, all information (including a list of subcontractors and suppliers and their prices) reasonably necessary for analysis. Furthermore, the Village may request that the bidder show, in detail, the kinds, quantities, and prices of direct material and direct labor used to develop prices/costs submitted in the bid. In addition, the Village reserves the right to request and receive information explaining the estimating process, including the judgmental factors and methods used to project from known data, and the contingencies used. The Village may require the bidder to show how it computes and applies indirect costs, and to show trend and budgetary data.

The Village may also conduct a pre-award facility survey of the bidder. This survey may include, but is not limited to, determining if the bidder has the experience, capability, necessary facilities and financial resources to complete the contract in a satisfactory manner within the required time.

The Village award will be made within sixty (60) calendar days after the date of the bid opening, or any mutually agreed extension thereof.

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BID SUBMITTAL CHECKLIST

In order to be responsive, the bidder must submit all of the following items:

Sealed Bid Envelope - **Addressed to the Village of Orland Park, Attn: Village Clerk's Office**, 14700 S. Ravinia Ave., Orland Park, IL 60462, and labeled **Traffic Signal Modification at 151st St. and 80th Ave. Bid**, in the lower left hand corner.

- Bid - Bidder must submit **three (3) complete, sealed, signed and attested copies of the bid, two (2) of which shall be a complete bound copies and one (1) of which shall be a complete, identical, unbound copy of the bid**, and shall have provided all requested information, and submitted all appropriate forms, certificates, affidavits and addendum acknowledgements in each copy in order to be considered responsive. All copies shall contain the forms with the original signatures. Note: only need to include those required documents listed in Section II in the bid submission.

- All forms completed from Section II:
 - Bidder Summary Sheet
 - Unit Price Summary Sheet
 - Business Organization
 - Certificate of Eligibility to Enter into Public Contracts
 - Equal Employment Opportunity
 - Certification of Compliance With the Illinois Prevailing Wage Act
 - Contractor's Certification Sexual Harassment, Tax & Substance Abuse
 - Apprenticeship and Training Program Certification
 - Contractor Qualifications
 - Insurance Requirements

II – REQUIRED BID SUBMISSION DOCUMENTS

BIDDER SUMMARY SHEET

Traffic Signal Modification at 151st St. and 80th Ave.
Project Name

IN WITNESS WHEREOF, the parties hereto have executed this Bid as of date shown below.

Firm Name: _____

Address: _____

City, State, Zip Code: _____

Contact Person: _____

FEIN #: _____

Phone: (____) _____ Fax: (____) _____

E-mail Address: _____

RECEIPT OF ADDENDA (if applicable): The receipt of the following addenda is hereby acknowledged:

Addendum No. _____, Dated _____

Addendum No. _____, Dated _____

Signature of Authorized Signee: _____

Title: _____ Date: _____

Total Project Cost: _____

Please provide unit prices on Unit Price Summary Sheet

Village of Orland Park
Unit Price Summary Sheet

TRAFFIC SIGNAL MODIFICATION 151st Street & 80th Ave. Orland Park, Illinois				
Item Description	Quantity	Unit	Unit Price	Total Amount
PCC Sidewalk 5"	25	Sq. Foot	\$	\$
Sidewalk Removal	25	Sq. Foot	\$	\$
Traffic Control and Protection	1	Lump Sum	\$	\$
Conduit 2 1/2" Dia. Galv.	106	Foot	\$	\$
Trench and backfill for Elec. Work	106	Foot	\$	\$
Maintenance of existing TS	1	Lump Sum	\$	\$
Elec. cable in Conduit #14 3/c	245	Foot	\$	\$
Elec. cable in Conduit #14 7/C	447	Foot	\$	\$
Traffic signal Post 18Ft.w/ concrete foundation Type A	4	Foot	\$	\$
Drill Ex Handhole	1	Each	\$	\$
Signal Head LED 1 face 5-section bracket Mounted	1	Each	\$	\$
Signal Head LED 1 face 5 section Mast Arm Mounted	1	Each	\$	\$
Traffic Signal Back plate Louvered Aluminum	1	Each	\$	\$
Light Detector	1	Each	\$	\$
Modify Existing Controller	1	Each	\$	\$
Remove existing cable form Conduit Cable to be returned to Village	668	foot	\$	\$
Remove EXISTING traffic SIGNAL equipment as needed	1	Each	\$	\$
Electric Cable in Conduit, grounding #6 1/c	118	Foot	\$	\$
Electric Cable in Conduit, #20 Twisted Shielded	245	Foot	\$	\$
TOTAL PROJECT COST*			\$	

* include TOTAL PROJECT COST on Bidder Summary Sheet.

BUSINESS ORGANIZATION:

_____ Sole Proprietor: An individual whose signature is affixed to this bid.

_____ Partnership: Attach sheet and state full names, titles and address of all responsible principals and/or partners. Provide percent of ownership and a copy of partnership agreement.

_____ Corporation: State of incorporation: _____
Provide a disclosure of all officers and principals by name and business address, date of incorporation and indicate if the corporation is authorized to do business in Illinois.

In submitting this bid, it is understood that the Village of Orland Park reserves the right to reject any or all bids, to accept an alternate bid, and to waive any informalities in any bid.

In compliance with your Invitation to Bid, and subject to all conditions thereof, the undersigned offers and agrees, if this bid is accepted, to furnish the services as outlined.

_____ (Corporate Seal)
Business Name

_____ Signature _____ Print or type name

_____ Title _____ Date

**CERTIFICATION OF ELIGIBILITY
TO ENTER INTO PUBLIC CONTRACTS**

IMPORTANT: THIS CERTIFICATION MUST BE EXECUTED.

I, _____, being first duly sworn certify
and say that I am _____
(insert "sole owner," "partner," "president," or other proper title)

of _____, the Prime Contractor submitting this proposal, and that the Prime Contractor is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3, or 33E-4 of the Illinois Criminal Code, or of any similar offense of "bid-rigging" or "bid-rotating" of any state or of the United States.

Signature of Person Making Certification

Subscribed and Sworn To
Before Me This _____ Day
of _____, 20__.

Notary Public

EQUAL EMPLOYMENT OPPORTUNITY

Section I. This EQUAL EMPLOYMENT OPPORTUNITY CLAUSE is required by the Illinois Human Rights Act and the Rules and Regulations of the Illinois Department of Human Rights published at 44 Illinois Administrative Code Section 750, et seq.

Section II. In the event of the Contractor's noncompliance with any provision of this Equal Employment Opportunity Clause, the Illinois Human Right Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights (hereinafter referred to as the Department) the Contractor may be declared non-responsible and therefore ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this agreement may be canceled or avoided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulation.

During the performance of this Agreement, the Contractor agrees:

A. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.

B. That, if it hires additional employees in order to perform this Agreement, or any portion hereof, it will determine the availability (in accordance with the Department's Rules and Regulations for Public Contracts) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.

C. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.

D. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under the Illinois Human Rights Act and Department's Rules and Regulations for Public Contract.

E. That it will submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts.

F. That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and Department for purposes of investigation to

ascertain compliance with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts.

G. That it will include verbatim or by reference the provisions of this Equal Employment Opportunity Clause in every subcontract it awards under which any portion of this Agreement obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this Agreement, the Contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the Contractor will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

Section III. For the purposes of subsection G of Section II, "subcontract" means any agreement, arrangement or understanding, written or otherwise, between the Contractor and any person under which any portion of the Contractor's obligations under one or more public contracts is performed, undertaken or assumed; the term "subcontract", however, shall not include any agreement, arrangement or understanding in which the parties stand in the relationship of an employer and an employee, or between a Contractor or other organization and its customers.

ACKNOWLEDGED AND AGREED TO:

BY: _____

Witness: _____

DATE: _____

**CERTIFICATION OF COMPLIANCE WITH THE
ILLINOIS PREVAILING WAGE ACT
(820 ILCS 130/0.01, et seq.)**

It is hereby stipulated and certified to the Village of Orland Park, that the undersigned Contractor shall pay not less than the prevailing hourly rate of wages, the generally prevailing rate of hourly wages for legal holiday and overtime work, and the prevailing hourly rate for welfare and other benefits as determined by the Illinois Department of Labor and as set forth in the schedule of prevailing wages for this contract to all laborers, workers and mechanics performing work under this contract. The undersigned Contractor further stipulates and certifies that he/she/it has maintained a satisfactory record of Prevailing Wage Act compliance with no significant Prevailing Wage Act violations for the past three (3) years. In accordance with Public Act 94-0515, the Contractor will submit to the Village certified payroll records (to include for every worker employed on the project the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day and starting and ending time of work each day) on a monthly basis, along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate and that the Contractor is aware that knowingly filing false records is a Class B Misdemeanor.

Contractor:

By: _____
(Authorized Officer)

Subscribed and Sworn to
before me this _____ day
of _____, 20__

Notary Public

**VILLAGE OF ORLAND PARK
CONTRACTOR'S CERTIFICATION
SEXUAL HARASSMENT, TAX & SUBSTANCE ABUSE**

_____, having been first duly sworn deposes and states as follows:
(Officer or Owner of Company)

_____, having submitted a proposal for:
(Name of Company)

(PROJECT)

to the Village of Orland Park, Illinois, hereby certifies that the undersigned Contractor:

1. has a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105(A)(4).
2. is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, or if:
 - a. it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the approved Revenue Act; or
 - b. it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.
3. is in full compliance with the Federal Highway Administration Rules on Controlled Substances and Alcohol Use and Testing, 49 CFR Parts 40 and 382 and that _____ is/are currently participating
(Name of employee/driver or "all employee drivers")
in a drug and alcohol testing program pursuant to the aforementioned rules.

___ 4A. has in place a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (Public Act 95-0635), and has provided a written copy thereof to the Village of Orland Park; or

___ 4B. has in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (Public Act 95-0635).

(Check either 4A or 4B, depending upon which certification is correct.)

By: _____
Officer or Owner of Company named above

Subscribed and sworn to
Before me this _____
Day of _____, 20__.

Notary Public

APPRENTICESHIP AND TRAINING PROGRAM CERTIFICATION

I, _____, having been first duly sworn depose
and state as follows:

I, _____, am the duly authorized
agent for _____, which has
submitted a bid to the Village of Orland Park for

_____ and I hereby certify
(Name of Project)

that _____
(Name of Company)

participates in apprenticeship and training programs approved and registered with
the United States Department of Labor Bureau of Apprenticeship and Training.

By: _____

Title: _____

Subscribed and Sworn to
Before me this _____
Day of _____, 20__

Notary Public

CONTRACTOR QUALIFICATIONS

The contractor shall have a minimum of three years experience in the installation, maintenance and repair of traffic signals and any and all infrastructure associated with them. Please list 3 projects within the past 5 years in which this type work was performed successfully and completed using similar methods and equipment.

Project name: _____

Owner of project: _____

Representative: _____

Address: _____

Telephone number: _____

Description of work: _____

Total cost of the project: _____

Date of completion: _____

Project name: _____

Owner of project: _____

Representative: _____

Address: _____

Telephone number: _____

Description of work: _____

Total cost of the project: _____

Date of completion: _____

Project name: _____

Owner of project: _____

Representative: _____

Address: _____

Telephone number: _____

Description of work: _____

Total cost of the project: _____

Date of completion: _____

INSURANCE REQUIREMENTS

Please submit a policy Specimen Certificate of Insurance showing bidder’s current coverage’s

WORKERS COMPENSATION & EMPLOYER LIABILITY

\$500,000 – Each Accident
\$500,000 – Policy Limit
\$500,000 – Each Employee
Waiver of Subrogation in favor of the Village of Orland Park

AUTOMOBILE LIABILITY

\$1,000,000 – Combined Single Limit
Additional Insured Endorsement in favor of the Village of Orland Park

GENERAL LIABILITY (Occurrence basis)

\$1,000,000 – Each Occurrence
\$2,000,000 – General Aggregate Limit
\$1,000,000 – Personal & Advertising Injury
\$2,000,000 – Products/Completed Operations Aggregate
Additional Insured Endorsement & Waiver of Subrogation in favor of the Village of Orland Park

EXCESS LIABILITY (Umbrella-Follow Form Policy)

\$2,000,000 – Each Occurrence
\$2,000,000 – Aggregate
EXCESS MUST COVER: General Liability, Automobile Liability, Workers Compensation

Any insurance policies providing the coverage’s required of the Contractor, , shall be specifically endorsed to identify “The Village of Orland Park, and their respective officers, trustees, directors, employees and agents as Additional Insured’s on a primary/non-contributory basis with respect to all claims arising out of operations by or on behalf of the named insured.” If the named insured’s have other applicable insurance coverage, that coverage shall be deemed to be on an excess or contingent basis. The policies shall also contain a Waiver of Subrogation in favor of the Additional Insured’s in regards to General Liability and Workers Compensation coverage’s. The certificate of insurance shall also state this information on its face. Any insurance company providing coverage must hold an A VII rating according to Best’s Key Rating Guide. Permitting the contractor, or any subcontractor, to proceed with any work prior to our receipt of the foregoing certificate and endorsement however, shall not be a waiver of the contractor’s obligation to provide all of the above insurance.

The bidder agrees that if they are the selected contractor, within ten days after the date of notice of the award of the contract and prior to the commencement of any work, you will furnish evidence of Insurance coverage providing for at minimum the coverage’s and limits described above directly to the Village of Orland Park, Denise Domalewski, Contract Administrator, 14700 S. Ravinia Avenue, Orland Park, IL 60462. Failure to provide this evidence in the time frame specified and prior to beginning of work may result in the termination of the Village’s relationship with the selected bidder and the bid will be awarded to the next lowest bidder or result in creation of a new bid.

ACCEPTED & AGREED THIS ____ DAY OF _____, 20__

Signature

Authorized to execute agreements for:

Printed Name & Title

Name of Company

III – ADDITIONAL INFORMATION/EXHIBITS

EXHIBIT A

VILLAGE OF ORLAND PARK LOCAL VENDOR PURCHASING POLICY

The Village of Orland Park believes it is important to provide local vendors with opportunities to provide goods and services to the Village of Orland Park. This belief is based upon the fact that the active uses of commercial properties in the Village benefits the community through stabilization of the property tax base, the creation of local sales tax and the provision of employment opportunities for citizens of the community and surrounding region.

In an effort to promote the aforementioned benefits, the Village of Orland Park wishes to provide local vendors with preferential treatment when competing for contracts with the Village. A local vendor is defined as a business that has an actual business location within the corporate boundaries of Orland Park and is licensed by the Village. The Village will not award a contract to a local vendor when the difference between the local vendors bid and the otherwise lowest responsive and responsible bid exceeds the applicable percentage indicated below. As such, when considering contracts, the Village reserves the right to forego the lowest responsive and responsible bid in favor of a local vendor under the following circumstances:

<u>Contract Value</u>	<u>Range (up to a maximum of)</u>
\$0 - \$250,000	2.00%
\$250,000 - 1,000,000	1.50%
\$1,000,000 - 2,000,000	1.00%
Greater than \$2,000,000	Not Applicable

Under no circumstance will any contract be awarded to a local vendor when the local vendor's bid exceeds the lowest responsive and responsible bid by \$20,000 or more.

This Policy shall ONLY apply if formal notice of the aforementioned criteria is provided as part of the bid specifications. In addition, it should be noted that the Village of Orland Park shall not be obligated to forego the low bidder in favor of the local vendor under any circumstances. However, this Policy simply provides the Village with the option of doing so when applicable. Furthermore, this Policy shall not apply in any situation where any portion of the contract amount is being paid with funds other than Village monies. Specifically, this Policy shall not apply in any situation where the Village has received a grant or otherwise received a source of funds other than its own funds.

EXHIBIT B
SAMPLE
VILLAGE OF ORLAND PARK
(Contract for Small Construction or Installation Project)

This Contract is made this ____ day of _____, 20__ by and between the Village of Orland Park (hereinafter referred to as the “VILLAGE”) and _____ (hereinafter referred to as the “CONTRACTOR”).

WITNESSETH

In consideration of the promises and covenants made herein by the VILLAGE and the CONTRACTOR (hereinafter referred to collectively as the “PARTIES”), the PARTIES agree as follows:

SECTION 1: THE CONTRACT DOCUMENTS: This Contract shall include the following documents (hereinafter referred to as the “CONTRACT DOCUMENTS”) however this Contract takes precedence and controls over any contrary provision in any of the CONTRACT DOCUMENTS. The Contract, including the CONTRACT DOCUMENTS, expresses the entire agreement between the PARTIES and where it modifies, adds to or deletes provisions in other CONTRACT DOCUMENTS, the Contract’s provisions shall prevail. Provisions in the CONTRACT DOCUMENTS unmodified by this Contract shall be in full force and effect in their unaltered condition.

- The Contract
- The Terms and Conditions pertaining to the Contract
- The VILLAGE’S Project Manual for the Work as described in Section 2 hereunder
 - The Invitation to Bid
 - The Instructions to the Bidders
- The Bid Proposal as it is responsive to the Village’s bid requirements
- All Certifications required by the VILLAGE
- Certificates of Insurance
- Performance and Payment Bonds if required by the VILLAGE

SECTION 2: SCOPE OF THE WORK AND PAYMENT: The CONTRACTOR agrees to provide labor, equipment and materials necessary to perform the following: The Village of Orland Park, Illinois is requesting bids for Traffic Signal Modifications at 151st St. & 80th Ave. Orland Park, IL. Bids should be based on all required work outlined in the plans developed by (CBBEL) which are attached to this document.

(hereinafter referred to as the “WORK”) as described in the VILLAGE’S Project Manual (Bid Documents) and the VILLAGE agrees to pay the CONTRACTOR pursuant to the provisions of the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*)

Alternates chosen:

Total: an amount not to exceed _____

The CONTRACT SUM shall not be increased without the express written consent of the VILLAGE.

SECTION 3: ASSIGNMENT: CONTRACTOR shall not assign the duties and obligations involved in the performance of the WORK except to the list of Subcontractors approved by the Village, which approval shall not be unreasonably withheld.

SECTION 4: TERM OF THE CONTRACT: The CONTRACTOR shall commence the WORK of this Contract upon receipt of a Notice to Proceed and shall complete performance of the WORK of this Contract by _____, (hereinafter referred to as the "CONTRACT TIME.") Failure to meet the CONTRACT TIME shall be considered an occasion of default under the CONTRACT DOCUMENTS. The CONTRACT TIME shall not be increased without the express written consent of the VILLAGE. Final payment shall be made by the VILLAGE upon inspection of the WORK, completion of any punch list items and after receipt of final release and waiver of liens in accordance with the requirements of the CONTRACT DOCUMENTS. This Contract may be terminated by the VILLAGE for convenience or by either of the PARTIES for default in the performance of the duties of the PARTIES as described in the CONTRACT DOCUMENTS upon thirty (30) day's written notice provided as required herein.

SECTION 5: INDEMNIFICATION AND INSURANCE: The CONTRACTOR shall indemnify and hold harmless the VILLAGE, its trustees, officers, directors, agents, employees and representatives and assigns, from lawsuits, actions, costs (including attorneys' fees), claims or liability of any character, incurred due to the alleged negligence of the CONTRACTOR, brought because of any injuries or damages received or sustained by any person, persons or property on account of any act or omission, neglect or misconduct of said CONTRACTOR, its officers, agents and/or employees arising out of, or in performance of any of the provisions of the CONTRACT DOCUMENTS, including any claims or amounts recovered for any infringements of patent, trademark or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act" or any other law, ordinance, order or decree. In connection with any such claims, lawsuits, actions or liabilities, the VILLAGE, its trustees, officers, directors, agents, employees, representatives and their assigns shall have the right to defense counsel of their choice. The CONTRACTOR shall be solely liable for all costs of such defense and for all expenses, fees, judgments, settlements and all other costs arising out of such claims, lawsuits, actions or liabilities.

The Contractor shall not make any settlement or compromise of a lawsuit or claim, or fail to pursue any available avenue of appeal of any adverse judgment, without the approval of the Village and any other indemnified party. The Village or any other indemnified party, in its or their sole discretion, shall have the option of being represented by its or their own counsel. If this option is exercised, then the Contractor shall promptly reimburse the Village or other indemnified party, upon written demand, for any expenses, including but not limited to court costs, reasonable attorneys' and witnesses' fees and other expenses of litigation incurred by the Village or other indemnified party in connection therewith.

Execution of this Contract by the VILLAGE is contingent upon receipt of Insurance Certificates provided by the CONTRACTOR in compliance with the CONTRACT DOCUMENTS.

SECTION 6: COMPLIANCE WITH LAWS: CONTRACTOR agrees to comply with all

federal, state and local laws, ordinances, statutes, rules and regulations including but not limited to all applicable provisions of the Illinois Human Rights Act (775 ILCS 5/1-101 *et seq.*) and the Illinois Prevailing Wage Act (820 ILCS 130/1 *et seq.*)

SECTION 7: NOTICE: Where notice is required by the CONTRACT DOCUMENTS, it shall be considered received if it is 1) delivered in person, 2) sent by registered United States mail, return receipt requested, 3) delivered by messenger or mail service with a signed receipt, 4) sent by facsimile with an acknowledgment of receipt, or 4) by e-mail with an acknowledgment of receipt only if the PARTIES agree separately to use e-mail for providing notice. Notice shall be sent to the following:

To the VILLAGE:
Contract Administrator
Village of Orland Park
14700 South Ravinia Avenue
Orland Park, Illinois 60462
Telephone:
Facsimile:
e-mail:

To the CONTRACTOR:

Telephone:
Facsimile:
e-mail:

or to such other persons or to such other addresses as may be provided by one party to the other party under the requirements of this Section.

SECTION 8: LAW AND VENUE: The law of the State of Illinois shall apply to this Agreement and venue for legal disputes shall be Cook County, Illinois.

SECTION 9: MODIFICATION: This Contract may be modified only by a written amendment signed by both PARTIES.

SECTION 10: COUNTERPARTS: This Contract may be executed in two (2) or more counterparts, each of which taken together, shall constitute one and the same instrument.

This Contract shall become effective on the date first shown herein and upon execution by duly authorized agents of the PARTIES.

FOR: THE VILLAGE

FOR: THE CONTRACTOR

By: _____

By: _____

Print name: _____

Print name: _____

Its: Village Manager

Its: _____

Date: _____

Date: _____

VILLAGE OF ORLAND PARK
CONSTRUCTION CONTRACT
TERMS AND GENERAL CONDITIONS

Terms and General Conditions for the CONTRACT between the Village of Orland Park (the “VILLAGE”) and _____ (the “CONTRACTOR”) for _____ (the “WORK”) dated **MONTH DAY, 20xx** (the “CONTRACT”).

ARTICLE 1: DUTIES OF THE PARTIES

1.1 VILLAGE’S RIGHTS AND DUTIES

- 1.1.1 Upon request of CONTRACTOR the VILLAGE shall furnish in a timely and agreed upon schedule and manner, information relevant to the project or project site as requested by the CONTRACTOR and deemed by the CONTRACTOR and the Village to be necessary for the performance of the WORK of the CONTRACT.
- 1.1.2 The VILLAGE shall furnish access to its buildings and the site of the WORK, as is necessary and in the best interests of the VILLAGE, for the performance of the WORK and shall provide, at its own expense as needed, temporary or permanent easements, zoning and other remedy as may be requested by the CONTRACTOR to remove or reduce restrictions or limitations that negatively affect the CONTRACTOR’S ability to perform the WORK as outlined in the bidding documents and the CONTRACT.
- 1.1.3 The VILLAGE shall have the right to immediately stop the WORK by providing written notice to the CONTRACTOR should the CONTRACTOR fail to correct WORK not in accordance with the CONTRACT Documents which stoppage will remain in effect until the WORK is corrected without giving rise to any duty on the part of the VILLAGE to stop the WORK for the benefit of the CONTRACTOR or any other entity.
- 1.1.4 The VILLAGE may, at the CONTRACTOR’S expense, correct deficiencies in the WORK to make it conform to the CONTRACT.
- 1.1.5 If the CONTRACTOR does not correct or cure a default, with reasonable promptness after receiving a written notice from the VILLAGE, the VILLAGE may, at its option, correct the default and deduct the VILLAGE’s cost of the correction or cure from the amounts owed to the CONTRACTOR.

1.2 CONTRACTOR'S RIGHTS AND DUTIES

- 1.2.1 The CONTRACTOR shall perform the WORK in accordance with the CONTRACT documents.
- 1.2.2 The CONTRACTOR shall examine existing conditions and take field measurements to facilitate the performance of the WORK throughout the duration of the CONTRACT and shall report to the VILLAGE any errors, inconsistencies or omissions discovered during the performance of the CONTRACT.
- 1.2.3 CONTRACTOR shall pay for all material, labor and incidental costs necessary for the completion of the WORK.
- 1.2.4 CONTRACTOR warrants that the WORK performed/provided shall be fully compliant with the plans, specifications and bid documents for the WORK. The CONTRACTOR warrants that the WORK shall be free from defects for one (1) year after the final acceptance of the WORK by the VILLAGE, or the length of time guaranteed under the warranty provided by the manufacturer for materials used in the WORK, whichever is greater. Where there are defects and/or deficiencies, following notice of said defects or deficiencies provided to the CONTRACTOR by the VILLAGE, the CONTRACTOR agrees to promptly correct them to the VILLAGE's satisfaction. All manufacturers' guarantees and warranties shall be delivered without variance to the VILLAGE prior to final acceptance.
- 1.2.5 The CONTRACTOR shall perform the work per the terms of the approved schedule and complete the WORK within the terms and time limits of the CONTRACT.
- 1.2.6 The CONTRACTOR shall obtain and pay for all required permits, licenses, fees, inspections and certifications required of or by the WORK.
- 1.2.7 CONTRACTOR shall comply with all local, state and federal statutes, ordinances, codes, rules, and regulations governing the performance of the CONTRACTOR for the completion of the WORK, including but not limited to all of the applicable provisions of the Illinois Prevailing Wage Act (820 ILCS 130/1 *et seq.*) and the Illinois Human Rights Act (775 ILCS 5/1-01 *et seq.*) The CONTRACTOR shall obtain and preserve per the terms of the Document Retention Laws of the State of Illinois, certified payroll records for all work performed to complete the WORK, including that work performed by all those contractors subordinate to the CONTRACTOR or Subcontractor.

.2.7.1 This CONTRACT calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq.* ("the Act"). The Act requires CONTRACTORS and Subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the "prevailing rate of wages" (hourly cash wages plus fringe benefits) in the county where the work is performed. For information regarding current prevailing wage

rates, please refer to the Illinois Department of Labor's website at: <http://www.state.il.us/agency/idol/rates/rates.HTM>. All CONTRACTORS and Subcontractors rendering services under this CONTRACT must comply with all requirements of the Act, including but not limited to, all wage, notice and record keeping duties. Each CONTRACTOR and Subcontractor participating on this project shall make and keep those records required under Section 5 of the Prevailing Wage Act (820 ILCS 130/5). In conformance with the Act, each CONTRACTOR and/or Subcontractor participating on this Project shall maintain records of all laborers, mechanics and other workers employed by them on this Project, including the following information on each worker: (1) name; (2) address; (3) telephone number when available; (4) social security number; (5) classification or classifications; (6) hourly wages paid in each pay period; (7) number of hours worked each day; and (8) starting and ending times of each day. These records shall be kept by the participating CONTRACTOR and Subcontractor for a period of not less than three (3) years. Each participating CONTRACTOR and Subcontractor shall submit a monthly certified payroll to the VILLAGE consisting of the above-referenced information as well as a statement signed by the participating CONTRACTOR or Subcontractor that certifies: (a) the records are true and accurate; (b) the hourly rates paid to each worker is not less than the general prevailing rate of hourly wages required under the Prevailing Wage Act; and (c) the CONTRACTOR or Subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B misdemeanor.

1.2.7.2 Neither the CONTRACTOR nor its Subcontractors shall tolerate or engage in any prohibited form of discrimination in employment as defined in the Illinois Human Rights Act. The CONTRACTOR shall maintain, and require that its Subcontractors maintain, policies of equal employment opportunity which shall prohibit discrimination against any employee or applicant for employment on the basis of race, religion, color, sex, national origin, ancestry, citizenship status, age, marital status, physical or mental disability unrelated to the individual's ability to perform the essential functions of the job, association with a person with a disability, or unfavorable discharge from military service. Contractors and all Subcontractors shall comply with all requirements of the Act including maintaining a sexual harassment policy and of the Rules of the Illinois Department of Human Rights with regard to posting information on employees' rights under the Act. Contractors and all Subcontractors shall place appropriate statements identifying their companies as equal opportunity employers in all advertisements for work to be performed under the CONTRACT.

1.2.8 CONTRACTOR will not be relieved of any obligation to the VILLAGE under the CONTRACT due to failure to examine or receive documents, visit or become familiar with conditions or from facts of which CONTRACTOR should have been aware and VILLAGE, as existing law may allow, shall reject all claims related thereto.

ARTICLE 2: CONTRACT DOCUMENTS

2.1 The CONTRACT consists of the following documents and items:

- .1 Agreement between the parties
- .2 General Conditions to the Agreement
- .3 Special Conditions to the Agreement, if any
- .4 The Project Manual dated MONTH DAY, 2011 which includes
 - Instructions to the Bidders
 - Invitation to Bid
 - Specifications and Drawings, if any
- .5 Accepted Bid Proposal as it conforms to the bid requirements
- .6 Addenda, if any
- .7 Required Certificates of Insurance
- .8 Required Certifications and documents as may be required by other project funding agencies
- .9 ~~Performance and Payment Bonds~~
- .10 Certification of Eligibility to Enter into Public Contracts
- .11 All Certifications required by the VILLAGE

ARTICLE 3: PAYMENTS AND COMPLETION

3.1 The VILLAGE requires for each Request for Payment, a properly completed Contractor's Affidavit setting out, under oath, the name, address and amount due or to become due, of each subcontractor, vendor, supplier or other appropriate party included in that payment. For every party listed the CONTRACTOR shall also provide a full or partial waiver of lien, as appropriate, before a payment will be made to the CONTRACTOR. The CONTRACTOR's partial or final waiver of lien must be included. Payments shall not be made by the VILLAGE without such lien waivers and contractors' sworn statements unless they are conditioned upon receipt of such waivers and statements.

3.2 No certificate shall be issued in favor of the CONTRACTOR and no payment will be made by the VILLAGE for material not installed or built into the WORK without written authorization from the VILLAGE.

3.3 Upon satisfaction of the terms and conditions of the CONTRACT, the CONTRACTOR agrees to provide the VILLAGE with a full and final release and waiver of all liens covering all of the WORK performed under the CONTRACT prior to issuance of final payment. Said final waiver of lien shall identify and state that all Subcontractors and material suppliers have been paid in full and there are no contract balances outstanding and owed to any Subcontractor or material supplier.

3.4 All payments shall be made to CONTRACTOR by VILLAGE pursuant to the provisions of the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*)

ARTICLE 4: TAXES

4.1 The VILLAGE is a public body and is exempt from excise, sales and use taxes and will furnish CONTRACTOR with exemption numbers as required. This shall also apply to Subcontractors, and subcontractors of the Subcontractor. No Requests for Payments associated with the WORK may include any such taxes.

ARTICLE 5: INSPECTION OF MATERIALS

5.1 The VILLAGE shall have a right to inspect any materials, equipment or processes used during the performance of this CONTRACT. The CONTRACTOR shall be responsible for the Quality Assurance / Quality Control standards for all materials, equipment, components or completed WORK finished under this CONTRACT, including through the expiration of the warranty period. Materials, equipment, components or completed WORK not complying therewith may be rejected by the VILLAGE and shall be removed and replaced by the CONTRACTOR to the satisfaction of the VILLAGE, at no cost to the VILLAGE within the agreed-upon time period. All material replaced shall be fully warranted as new material

ARTICLE 6: ASSIGNMENT

6.1 The CONTRACTOR's duties and obligations under the CONTRACT shall not be assigned without the express written consent of the VILLAGE.

6.2 WORK not performed by the CONTRACTOR with its own forces shall be performed by Subcontractors or Sub-subcontractors. The CONTRACTOR shall be responsible for management of the Subcontractors in the performance of their work.

6.3 The CONTRACTOR shall not contract with anyone for performance of the WORK hereunder to whom the VILLAGE has a reasonable objection.

6.4 The CONTRACTOR shall prepare all Subcontracts and shall have full discretion to negotiate their terms, subject to the VILLAGE's reasonable requirements or objections as to form and content.

6.5 By appropriate agreement, written where legally required for validity, the CONTRACTOR shall require each Subcontractor, to the extent of the WORK to be performed by the Subcontractor, to be bound to the CONTRACTOR by terms of the CONTRACT, and to assume toward the CONTRACTOR all the obligations and responsibilities, including the responsibility for safety of the Subcontractor's work, which the CONTRACTOR, by these documents, assumes toward the VILLAGE. Each subcontract agreement shall preserve and protect the rights of the VILLAGE under the CONTRACT documents with respect to the work to be performed by the Subcontractor so that subcontracting thereof will not prejudice such rights, and shall allow to the Subcontractor, unless specifically provided otherwise in the subcontract agreement, the benefit of all rights, remedies and redress against the CONTRACTOR that the CONTRACTOR, by the CONTRACT, has against the VILLAGE. Where appropriate, the CONTRACTOR shall require each Subcontractor to enter into

similar agreements with Sub-subcontractors. The CONTRACTOR shall make available to each proposed Subcontractor, prior to the execution of the subcontract agreement, copies of the contract to which the Subcontractor will be bound, and, upon written request of the Subcontractor, identify to the Subcontractor terms and conditions of the proposed subcontract agreement which may be at variance with the CONTRACT documents. Subcontractors will similarly make copies of applicable portions of such documents available to their respective proposed Sub-subcontractors.

ARTICLE 7: GUARANTEES AND WARRANTIES

7.1 All guarantees and warranties required shall be furnished by the CONTRACTOR and shall be delivered to the VILLAGE before the final payment or payment retention will be paid to the CONTRACTOR.

7.2 The CONTRACTOR shall supply the VILLAGE with “as-built” plans bearing the signature and seal or stamp, of an Illinois-licensed Professional Engineer prior to the VILLAGE making the final payment.

ARTICLE 8: DEFAULT

8.1 If the CONTRACTOR fails to begin the WORK under this CONTRACT within the time specified, or fails to perform the WORK in accordance with the terms of the approved schedule or performs the WORK in a manner unacceptable to the VILLAGE, or neglects or refuses to remove materials or perform anew such WORK as has been rejected by the VILLAGE, or if the CONTRACTOR shall become insolvent or be declared bankrupt, or shall make an assignment for the benefit of creditors, or from any other cause whatsoever shall fail to carry on the WORK in a manner required by the CONTRACT, the VILLAGE shall give notice as hereinafter provided to the CONTRACTOR and its surety in writing specifying such failure, delay, neglect, refusal or default, and if the CONTRACTOR, within a period of ten (10) calendar days after the giving of such notice, shall not proceed in accordance therewith, then the VILLAGE shall have full power and authority to declare this CONTRACT and the CONTRACTOR in default, and to forfeit the rights of the CONTRACTOR in this CONTRACT.

8.2 Upon declaration of CONTRACTOR’s default, the VILLAGE may, at its option, call upon the surety to complete the WORK in accordance with the terms of this CONTRACT or may take over the WORK, including any materials on the WORK site as may be suitable and acceptable to the VILLAGE and may complete the WORK by its own forces or on its own account, or may enter into a new contract or contracts for the completion of the WORK, or may use such other methods as shall be required for the completion of the WORK in an acceptable manner as the VILLAGE may in its discretion determine.

8.3 All costs and charges incurred by the VILLAGE, together with the cost of completing the WORK shall be deducted from any moneys due or which may become due on this to the CONTRACTOR under this CONTRACT. Following any payment due and received by the VILLAGE from the CONTRACTOR’s surety following default, if the expense so incurred by the VILLAGE is less than the sum paid to the Village by the surety under this CONTRACT for work remaining, the surety shall be

entitled to receive the excess difference paid to the VILLAGE. When such CONTRACTOR default costs incurred by the VILLAGE exceeds the sum paid to the VILLAGE for the work remaining under the CONTRACT, the CONTRACTOR and the surety shall be liable and shall pay to the VILLAGE the full cost of such additional expenses.

ARTICLE 9: DISPUTES AND VENUE

9.1 Disputes between the VILLAGE and the CONTRACTOR shall be handled according to the terms of the CONTRACT (including all subsequent approved Change Orders) and applicable Law, with the final decision regarding disputes resting with the Village Manager or his or her designee. All disputes concerning a question of fact under the CONTRACT shall be expressed in writing by the parties and, if within seven (7) days after receipt of such notice the parties have not disposed of the dispute by agreement, the dispute, as it was expressed in writing by the parties, shall be subject to mediation under terms agreed to by the parties. Pending final decision of a dispute hereunder, the parties shall proceed diligently with the performance of the CONTRACT.

9.2 Any legal action taken by either party shall be decided based upon and governed by the laws of the State of Illinois and venue for such disputes shall be Cook County, Illinois.

ARTICLE 10: CONTRACT TIME

10.1 Time is of the essence with respect to all performance time schedules and timely completion of the WORK under the CONTRACT. VILLAGE shall not grant, and CONTRACTOR shall not seek damages for delays. However, VILLAGE shall review a CONTRACTOR's request for additional time, and may at VILLAGE's option and as conditions warrant, grant an increase in the CONTRACT time for delays beyond CONTRACTOR's control and not caused by CONTRACTOR, its Subcontractors or others for whose actions CONTRACTOR is liable.

ARTICLE 11: INSURANCE AND INDEMNIFICATION

11.1 Insurance Requirements

11.1.1 The successful bidder shall, within ten (10) business days of said receipt of notice of award of the CONTRACT, furnish to the VILLAGE a certificate of insurance showing the VILLAGE, its trustees, officers, directors, agents, employees, representatives and assigns as additional insureds to the General Liability and Automobile Liability policies by appropriate endorsement. Such coverages shall be placed with a provider acceptable to the VILLAGE, which is licensed to do business in the State of Illinois, and that maintains a minimum A. M. Best rating of A VII. The insurance coverages afforded under the CONTRACTOR's General Liability insurance policies shall be primary and non-contributory to any insurance carried independently by the Indemnitees. A Waiver of Subrogation in favor of the Additional Insureds shall apply to General liability and Worker's Compensation. Certificates of insurance must state that the insurer shall provide the VILLAGE with thirty (30) days prior written notice of any

change in, or cancellation of required insurance policies. All required insurance shall be maintained by the CONTRACTOR in full force and effect during the life of the CONTRACT, and until such time as all WORK has been approved and accepted by the VILLAGE. This provision constitutes the VILLAGE's continuing demand for such certificates and endorsement(s) or true and correct copies thereof and the obligation to provide such insurance coverage shall be in full force and effect during the life of the CONTRACT. Failure of the VILLAGE to request such certificates and endorsements shall not relieve the CONTRACTOR of these obligations to provide insurance.

The amounts and types of insurance required are defined in Exhibit 1, a copy of which is attached hereto and made a part hereof.

11.1.2 CONTRACTOR shall cause each Subcontractor to maintain insurance of the type specified in Exhibit A. Prior to CONTRACT acceptance, and at any time when requested by the VILLAGE, CONTRACTOR shall furnish copies of certificates of insurance evidencing coverage for each Subcontractor and Sub-subcontractor.

11.2 Indemnification

11.2.1 The CONTRACTOR shall indemnify and hold harmless the VILLAGE, its trustees, officers, directors, agents, employees and representatives and assigns, from lawsuits, actions, costs (including attorneys' fees), claims or liability of any character, incurred due to the alleged negligence of the CONTRACTOR, brought because of any injuries or damages received or sustained by any person, persons or property on account of any act or omission, neglect or misconduct of said CONTRACTOR, its officers, agents and/or employees arising out of, or in performance of any of the provisions of the CONTRACT DOCUMENTS, including any claims or amounts recovered for any infringements of patent, trademark or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act" or any other law, ordinance, order or decree. In connection with any such claims, lawsuits, actions or liabilities, the VILLAGE, its trustees, officers, directors, agents, employees, representatives and their assigns shall have the right to defense counsel of their choice. The CONTRACTOR shall be solely liable for all costs of such defense and for all expenses, fees, judgments, settlements and all other costs arising out of such claims, lawsuits, actions or liabilities.

11.2.2 The CONTRACTOR shall not make any settlement or compromise of a lawsuit or claim, or fail to pursue any available avenue of appeal of any adverse judgment, without the approval of the VILLAGE and any other indemnified party. The VILLAGE or any other indemnified party, in its or their sole discretion, shall have the option of being represented by its or their own counsel. If this option is exercised, then the CONTRACTOR shall promptly reimburse the VILLAGE or other indemnified party, upon written demand, for any expenses, including but not limited to court costs, reasonable attorneys' and witnesses' fees and other expenses of litigation incurred by the VILLAGE or other indemnified party in connection therewith.

ARTICLE 12: PERFORMANCE AND PAYMENT BONDS

~~12.1 The CONTRACTOR shall furnish Performance and Payment Bonds acceptable to the VILLAGE in the full amount of the CONTRACT. Bonds shall be from a surety licensed to do business in Illinois and said surety shall have a minimum A.M. Best rating of A-V. Each Bond shall require a time period during which the Bond can be called limited only to the extent required by Illinois law.~~

ARTICLE 13: EXECUTION OF CONTRACT

13.1 Execution of the CONTRACT between VILLAGE and CONTRACTOR is contingent upon receipt of required Certificates of Insurance, required signed certifications and required Performance and Payment Bonds.

ARTICLE 14: CHANGES IN THE WORK

14.1 All changes in the WORK must be requested by CONTRACTOR and approved by the VILLAGE via an Authorization to Proceed document bearing the signature of the Project Principle for VILLAGE. Any change order or series of change orders that increase or decrease the CONTRACT value by \$10,000 or more, or that increases or decreases the CONTRACT duration beyond the approved project schedule must be accompanied by a written request from CONTRACTOR justifying the additional cost or change in schedule. Within an agreed upon period of time, VILLAGE will provide a response to CONTRACTOR's Change Order or Time request by providing a determination signed by the VILLAGE or its designee finding that the change requested was not reasonably foreseeable at the time the CONTRACT was signed, the change is germane to the CONTRACT or the change is in the best interest of VILLAGE. Any change increasing the original CONTRACT value by fifty percent (50%) or more must be re-bid by VILLAGE as required by law.

ARTICLE 15: TERMINATION

15.1 VILLAGE may, at any time, terminate the CONTRACT for the VILLAGE's convenience and without cause upon written notice to the CONTRACTOR and payment for all WORK directed to be performed prior to the effective date of termination along with agreed upon reasonable overhead and profit.

EXHIBIT 1

Insurance Requirements

Worker's Compensation:

STATUTORY coverage for all persons whom the CONTRACTOR may employ directly or through subcontractors in carrying out the WORK under this CONTRACT. Such insurance shall hold the VILLAGE free and harmless of all personal injuries of all persons whom the CONTRACTOR may employ directly or through Subcontractors.

Employers Liability:

\$500,000 minimum liability

Comprehensive General Liability; including Bodily Injury and Property Damage:

\$1,000,000 Each Occurrence - Combined Single Limit

\$2,000,000 Aggregate - Completed Operations

\$2,000,000 Each Occurrence - Blanket Contractual Liability

.4 Comprehensive Automobile Liability, Owned, Non-owned and Hired:

\$1,000,000 for Combined Single Limit

.5 Umbrella/Excess Liability:

\$2,000,000 Each Occurrence

EXHIBIT C SPECIAL PROVISIONS

Traffic Signal Modifications – 151st Street & 80th Avenue

Description: This item shall consist of modifying the existing traffic signal at the above noted intersection in accordance with the attached plans and specifications provided by Christopher Burke Engineering LTD. (CBBEL) – Exhibit D.

Materials: All material and equipment utilized to complete this work shall conform to the requirements of the Standard Specifications.

Construction Requirements: All traffic control measures required to maintain a safe work zone will be the responsibility of the contractor. Once started, work will need to be continuous until completed, as intersection is adjacent to an emergency response facility. Prior to the commencement of any work appropriate signage shall be placed in the work zone area to notify residents and motorists of work activities and projected completion date. Additional signage may be required by the Director of Public Works or his designee for safety or informational purposes and will be the responsibility of the contractor to procure and erect such signage. A signage plan shall be developed and submitted for approval to the Village of Orland Park. All roads shall remain open to normal traffic during construction. The contractor shall provide guidance and warnings as needed to ensure the safe operation and passage of all traffic, including pedestrians. The cost of this resident notification and traffic control shall be considered incidental to the unit price of the work being performed. The contractor will be responsible for developing an Emergency Communications Plan (ECP) with 24 hour contact information should the need arise. The Village will supply appropriate phone numbers of staff and other agencies that will need to be included on the ECP. See Exhibit E in this document for an example of an ECP. This is included for informational and layout purposes only. An individualized plan for this project will need to be developed and distributed to all appropriate agencies prior to the start of construction. This will include the Cook County Highway Department, Orland Police Department, The Orland Fire Protection District, Orland Township Offices, Orland Public Works Department and The Village of Orland Park Administration Department.

Clean-up: Any and all debris that is a result of the construction activities shall be cleaned up and removed daily, and disposed of offsite by the Contractor in accordance with Section 202.03, and with the Environmental Protection Act [415 ILCS 5/22.51]. Disposal of debris generated by this work will not be measured for payment, and considered incidental to the traffic signal modification work.

Guarantee: All modification work will be guaranteed by the Contractor to be free of defects in material and workmanship for a minimum of one year (1) from date of acceptance. The contractor will be responsible for warranting material and equipment purchased from approved vendors for the specified warranty period (e.g. LED signal heads). The guarantee shall include all labor, materials, tools, equipment, and services required for the proper repair and/or replacement of the defective materials or equipment.

Basis of Payment: This work will be paid for at the contract total cost following inspection and approval by the Village of Orland Park Public Works Director or his designee.

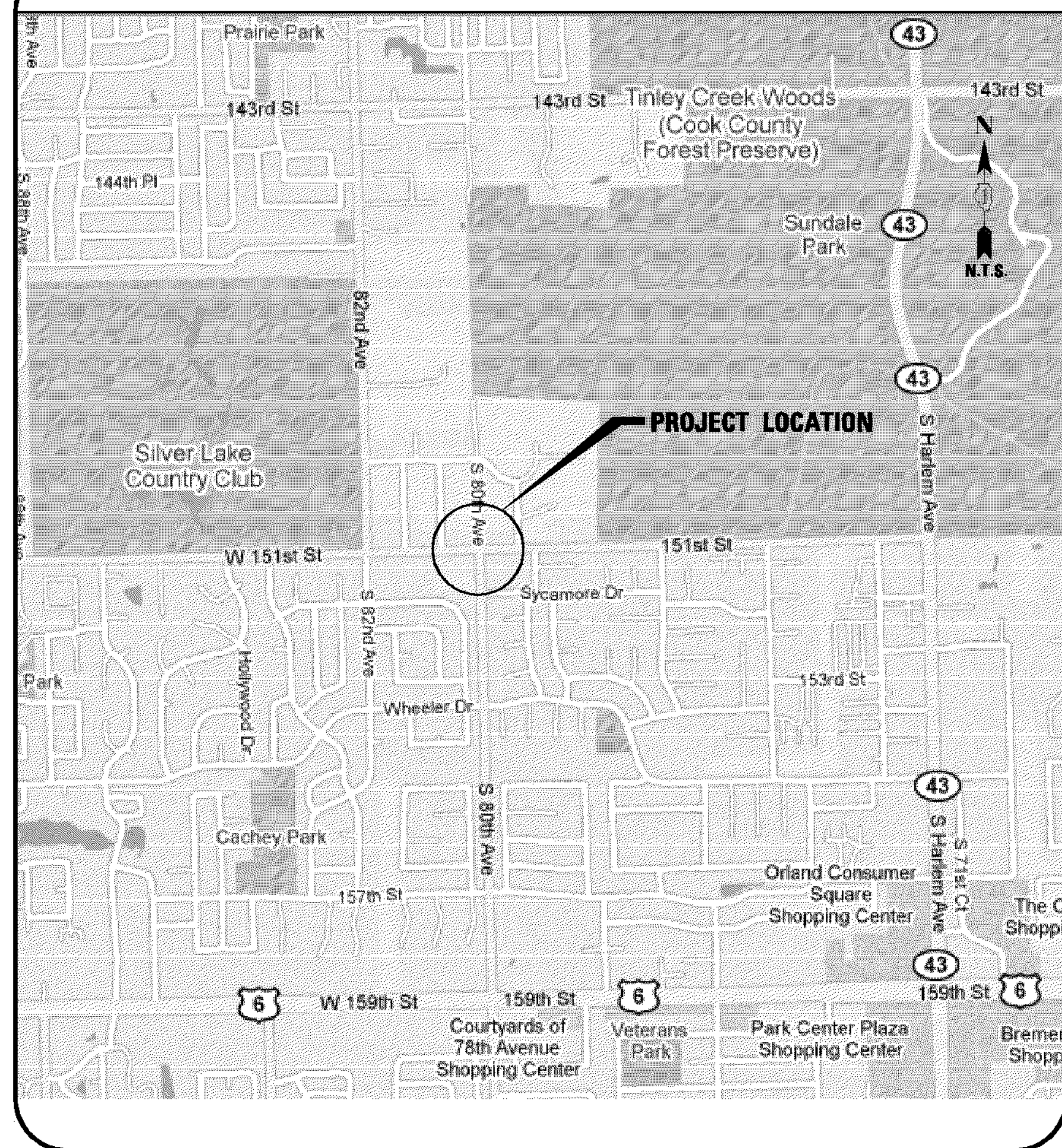
TRAFFIC SIGNAL MODIFICATION PLAN

151ST STREET AND 80TH AVENUE ORLAND PARK, ILLINOIS

INDEX

- 1 TITLE SHEET
- 2 TRAFFIC SIGNAL MODIFICATION PLAN
- 3 SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
- 4 - 9 DISTRICT 1 - STANDARD TRAFFIC SIGNAL DESIGN DETAILS

LOCATION / VICINITY MAP



IDOT STANDARDS

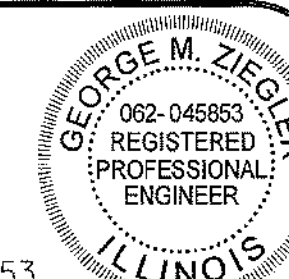
- 701601-06 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-06 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-04 LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES
- 814001-02 HANDHOLES
- 873001-02 TRAFFIC SIGNAL GROUNDING AND BONDING
- 878001-08 CONCRETE FOUNDATION DETAILS
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS

LOCATION


CALL JULIE 1-800-892-0123
WITH THE FOLLOWING:
COUNTY COOK
CITY-TOWNSHIP ORLAND PARK
SEC. & 1/4 SEC. NO. _____
48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN., & HOLIDAYS

George M. Ziegler 3-21-11
ENGINEER DATE

GEORGE M. ZIEGLER
ILLINOIS REGISTRATION No. 062-045853
EXPIRATION DATE: 11-30-2011
PROFESSIONAL DESIGN FIRM No.: 184-001742
EXPIRATION DATE: 04-30-2011



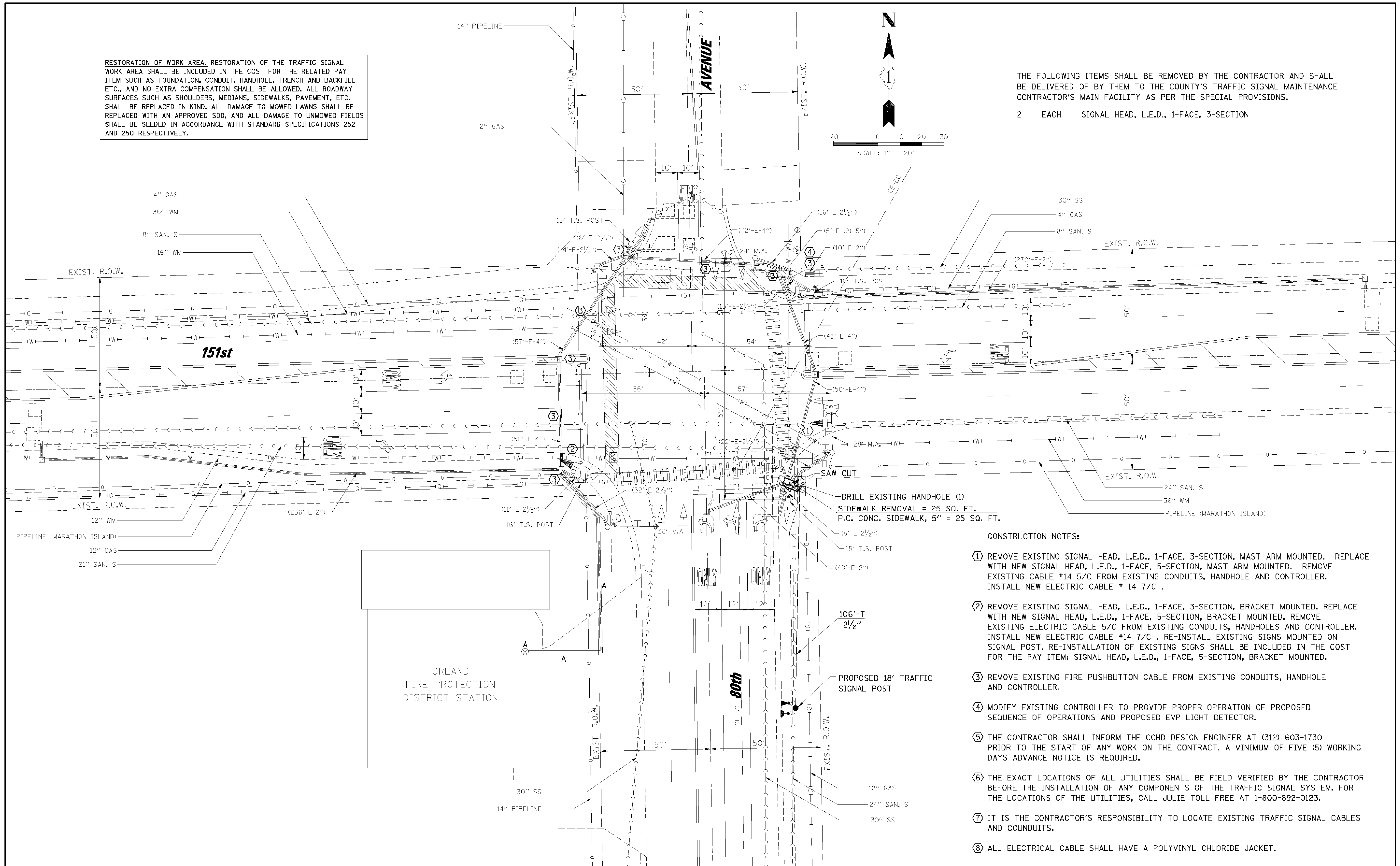
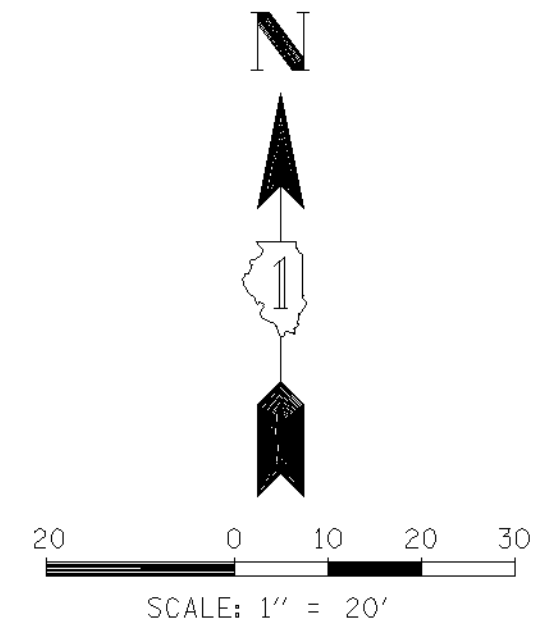
CLIENT :  **VILLAGE OF ORLAND PARK**

 **CHRISTOPHER B. BURKE ENGINEERING, LTD.**
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST FOR THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DELIVERED OF BY THEM TO THE COUNTY'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE SPECIAL PROVISIONS.

2 EACH SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION



CONSTRUCTION NOTES:

- ① REMOVE EXISTING SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED. REMOVE EXISTING CABLE #14 5/C FROM EXISTING CONDUITS, HANDHOLE AND CONTROLLER. INSTALL NEW ELECTRIC CABLE # 14 7/C .
- ② REMOVE EXISTING SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED. REMOVE EXISTING ELECTRIC CABLE 5/C FROM EXISTING CONDUITS, HANDHOLES AND CONTROLLER. INSTALL NEW ELECTRIC CABLE #14 7/C . RE-INSTALL EXISTING SIGNS MOUNTED ON SIGNAL POST. RE-INSTALLATION OF EXISTING SIGNS SHALL BE INCLUDED IN THE COST FOR THE PAY ITEM: SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED.
- ③ REMOVE EXISTING FIRE PUSHBUTTON CABLE FROM EXISTING CONDUITS, HANDHOLE AND CONTROLLER.
- ④ MODIFY EXISTING CONTROLLER TO PROVIDE PROPER OPERATION OF PROPOSED SEQUENCE OF OPERATIONS AND PROPOSED EVP LIGHT DETECTOR.
- ⑤ THE CONTRACTOR SHALL INFORM THE CCHD DESIGN ENGINEER AT (312) 603-1730 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.
- ⑥ THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123.
- ⑦ IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
- ⑧ ALL ELECTRICAL CABLE SHALL HAVE A POLYVINYL CHLORIDE JACKET.

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 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

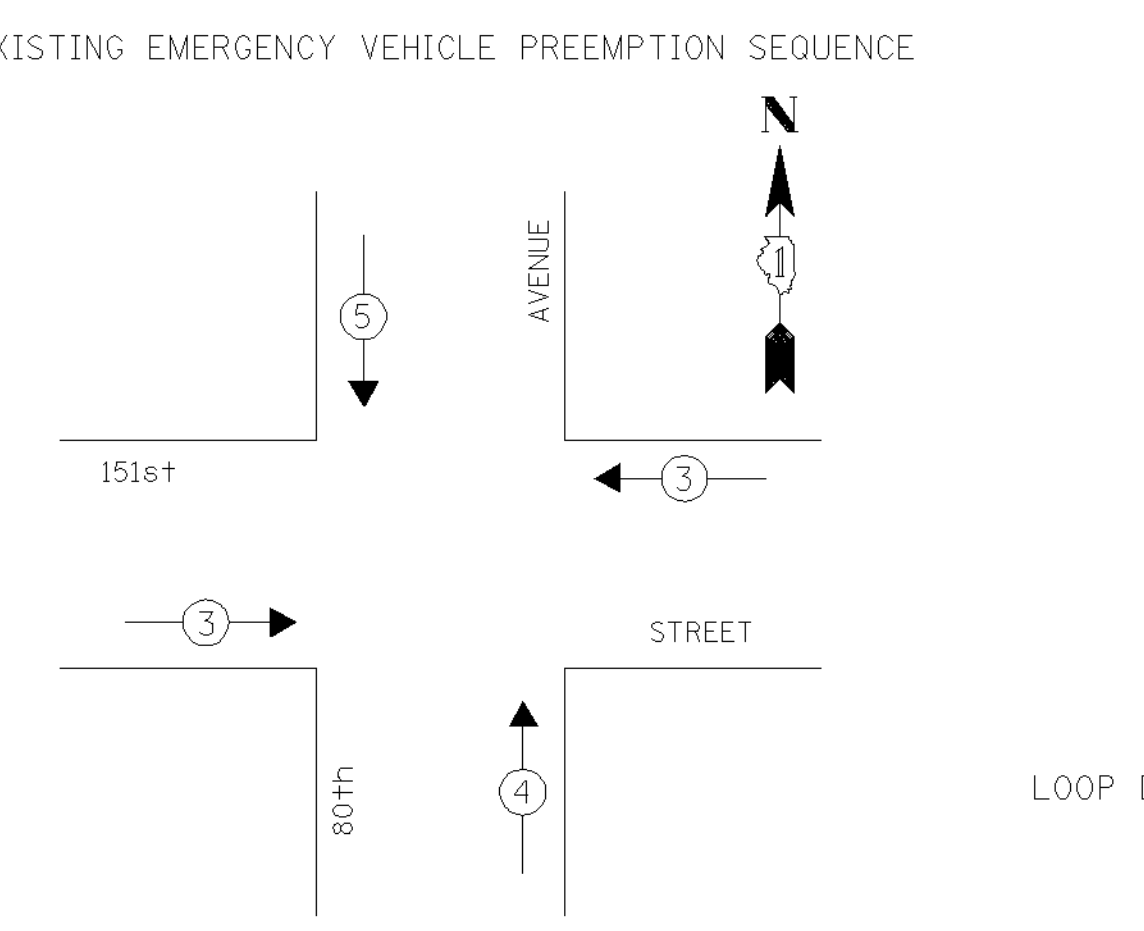
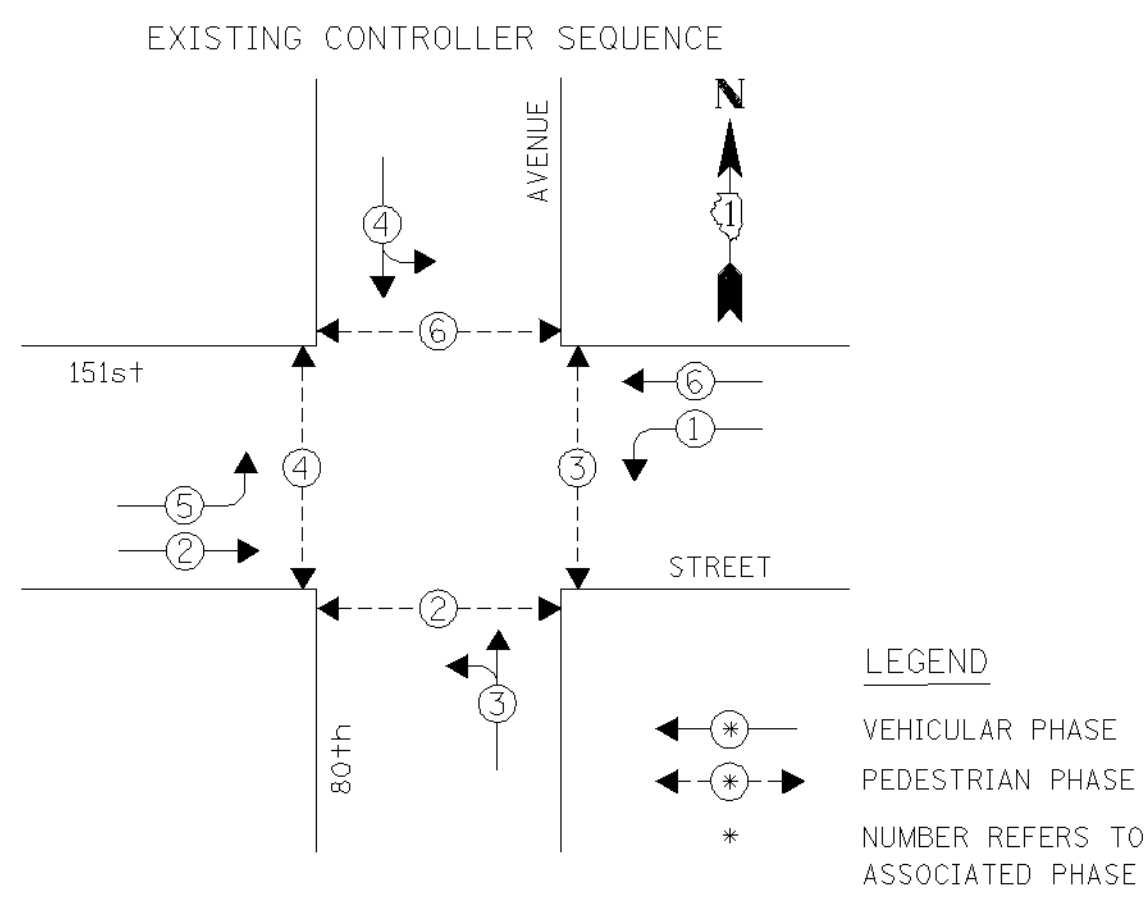
CLIENT:

VILLAGE OF ORLAND PARK

NO.	DATE	NATURE OF REVISION	CHKD.
		N:\ORLANDPARK\100159\Traffic\MOD.Rt & EVP ee.J51&80.dgn	
DSGN.	ABR		
DWN.	FPB		
CHKD.	WCE	GMZ	
SCALE:	1" = 20'		
DATE:	3/21/2011		

TITLE:
TRAFFIC SIGNAL MODIFICATION PLAN
 151st STREET AND 80th AVENUE
 ORLAND PARK, ILLINOIS

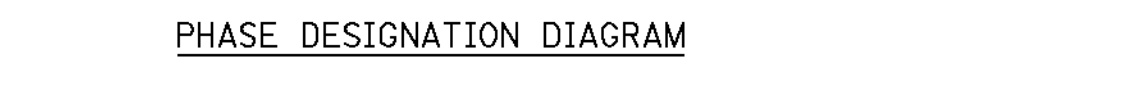
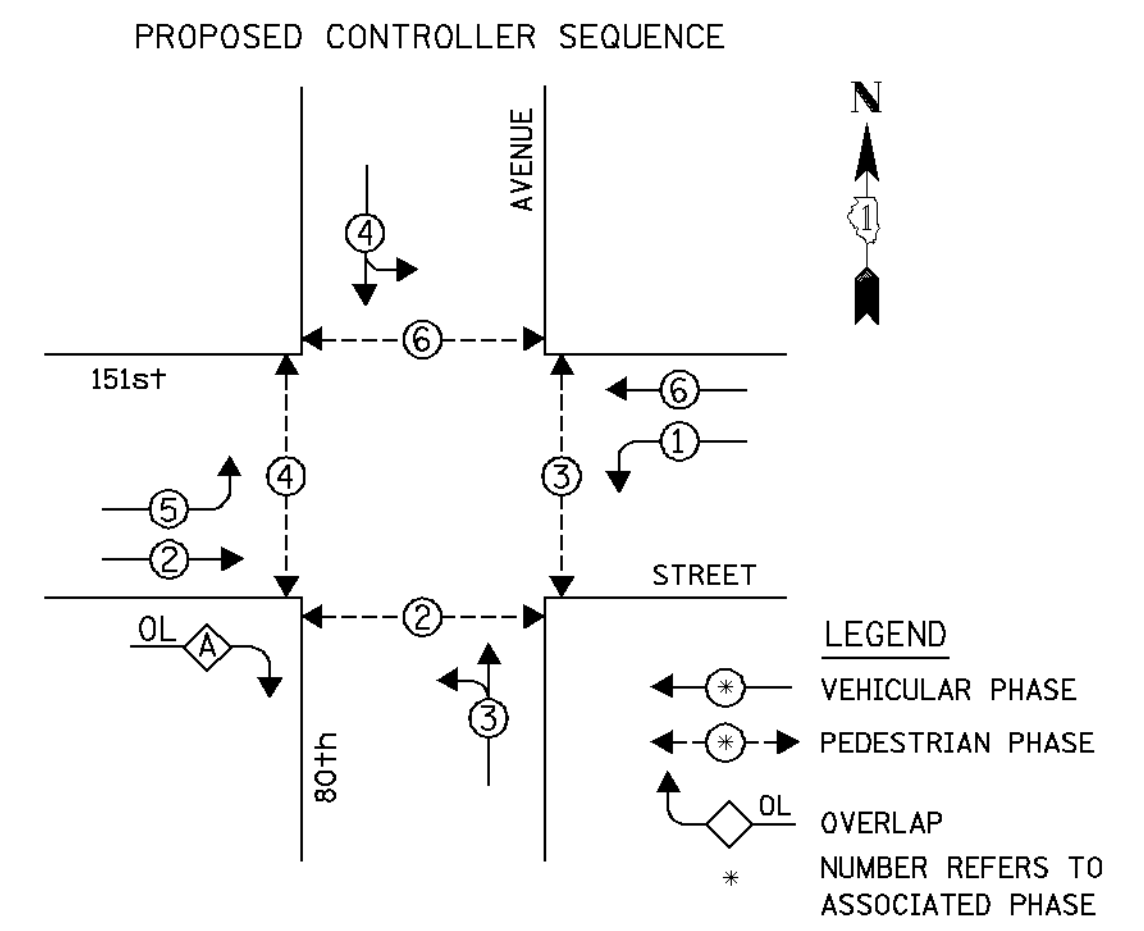
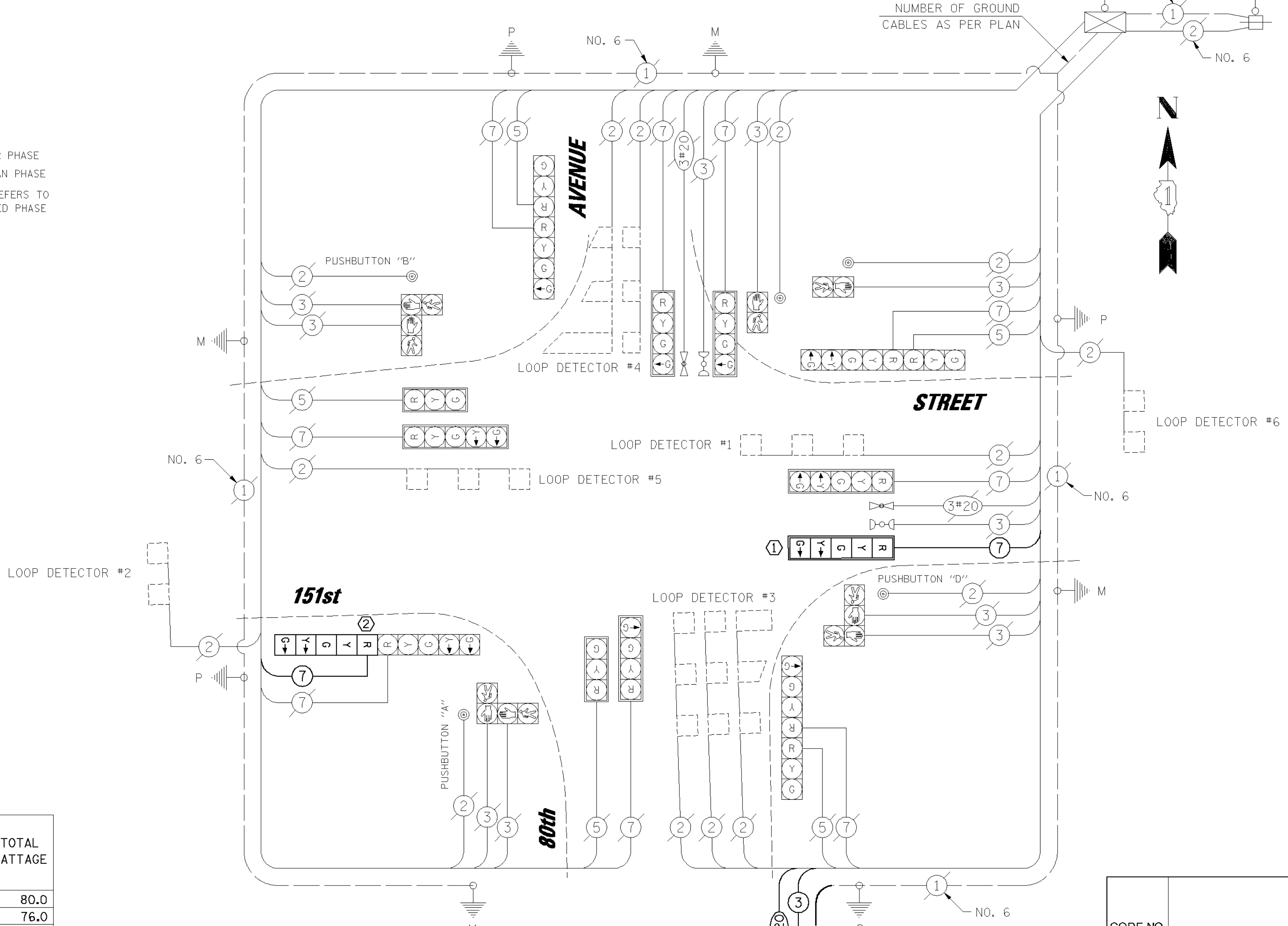
PROJECT NO.	100159
SHEET	2 OF 9
DRAWING NO.	



EXISTING EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	←	↑	↓

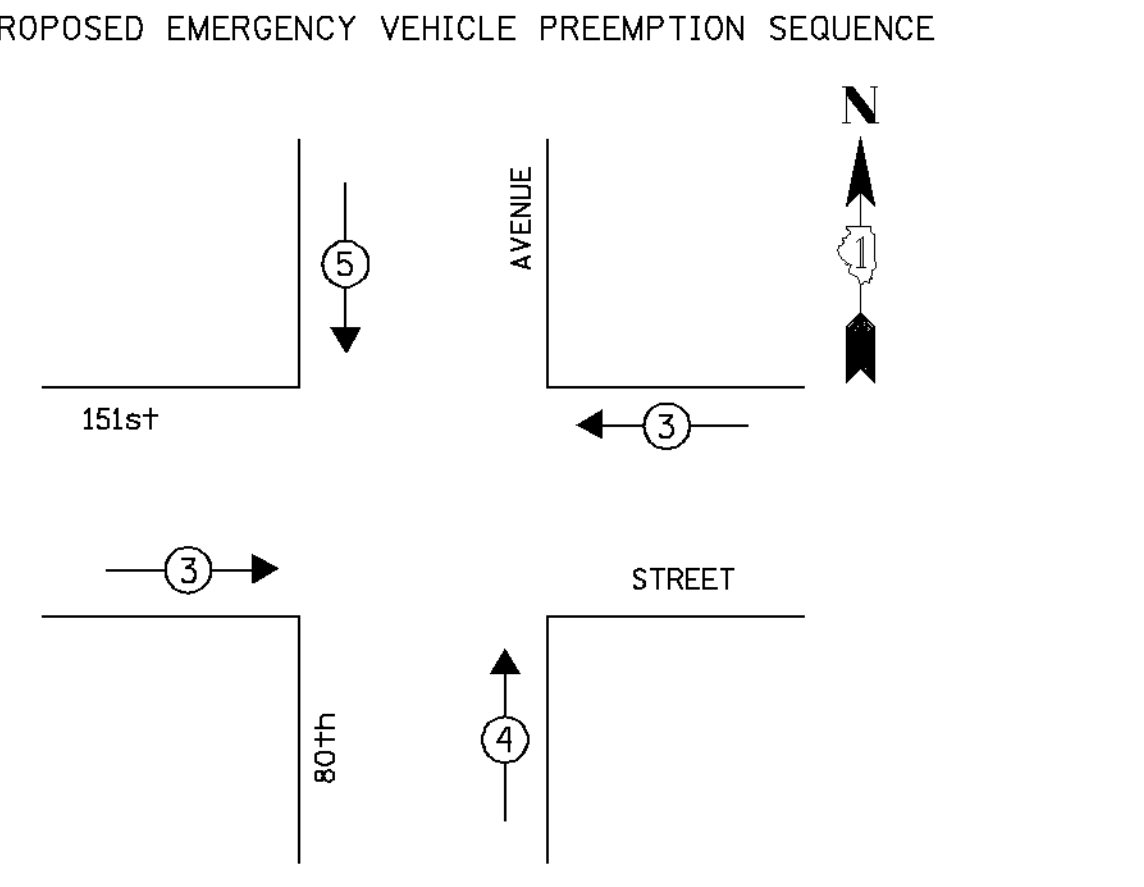
PREEMPTOR 4 IS THE FIRE STATION PUSHBUTTON

NOTE:
 PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.
 PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.
 PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.



RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	←	↑	↓

POST MOUNTED LIGHT DETECTOR SHALL PLACE CALL IN PREEMPTOR 4

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	LED	% OPERATION	
SIGNAL (RED)	16		10	0.50	80.0
(YELLOW)	16		19	0.25	76.0
(GREEN)	16		11	0.25	44.0
ARROW	17		9	0.10	15.3
PED. SIGNAL	8		9	1.00	72.0
CONTROLLER	1		100	1.00	100.0
L.E.D. ST. NAME SIGN	-		64	0.50	-
VIDEO SYSTEM	-		150	1.00	-
BATTERY BACKUP SYSTEM			25	1.00	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	387.3

COOK COUNTY HIGHWAY DEPARTMENT
 69 W. WASHINGTON STREET, ROOM 2139
 CHICAGO, ILLINOIS 60602-3134
 ENERGY SUPPLY: CONTACT: DOUG BROWNFIELD
 PHONE: (708) 235-2339
 COMPANY: COMED

- CONSTRUCTION NOTES:
- REMOVE EXISTING SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED. REMOVE EXISTING 5/C CABLE FROM EXISTING CONDUITS, HANDHOLE AND CONTROLLER. INSTALL NEW 7/C CABLE.
 - REMOVE EXISTING SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED. REMOVE EXISTING ELECTRIC CABLE 5/C FROM EXISTING CONDUITS, HANDHOLES AND CONTROLLER. INSTALL NEW 7/C CABLE. RE-INSTALL EXISTING SIGNS MOUNTED ON SIGNAL POST. RE-INSTALLATION OF EXISTING SIGNS SHALL BE INCLUDED IN THE COST FOR THE PAY ITEM: SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED.
 - MODIFY EXISTING CONTROLLER TO PROVIDE PROPER OPERATION OF PROPOSED SEQUENCE OF OPERATIONS AND PROPOSED EVP LIGHT DETECTOR.

CODE NO.	ITEM	UNIT	TOTAL
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	25
44000600	SIDEWALK REMOVAL	SQ FT	25
	TRAFFIC CONTROL AND PROTECTION, COMPLETE	L SUM	1
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	106
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	106
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	245
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	447
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4
87900200	DRILL EXISTING HANDHOLE	EACH	1
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	1
88700200	LIGHT DETECTOR	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	668
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	118
X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	245

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 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

CLIENT:

VILLAGE OF ORLAND PARK

NO.	DATE	NATURE OF REVISION	CHKD.

DSGN. ABR
 DWN. FPB
 CHKD. WCE GMZ
 SCALE: N.T.S.
 DATE: 3/21/2011

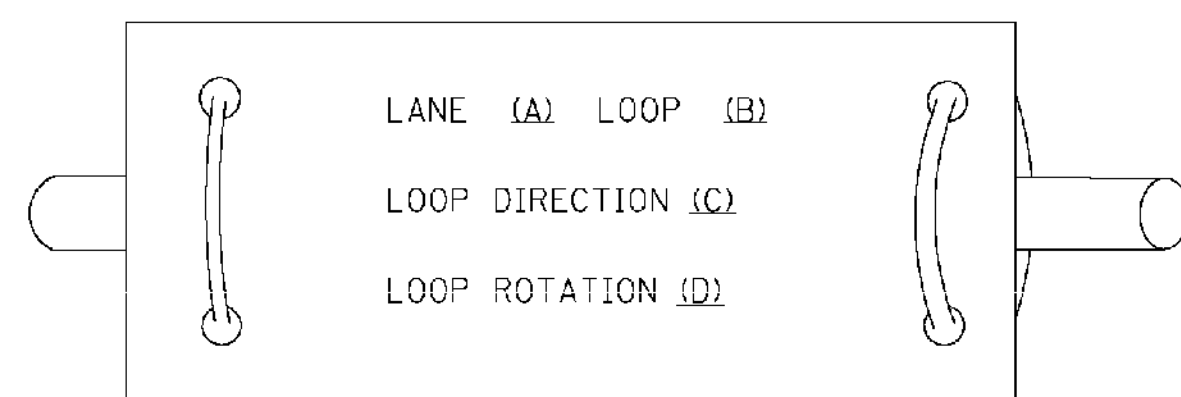
TITLE: **SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**
 151st STREET AND 80th AVENUE
 ORLAND PARK, ILLINOIS

PROJECT NO. 100159
 SHEET 3 OF 9
 DRAWING NO.

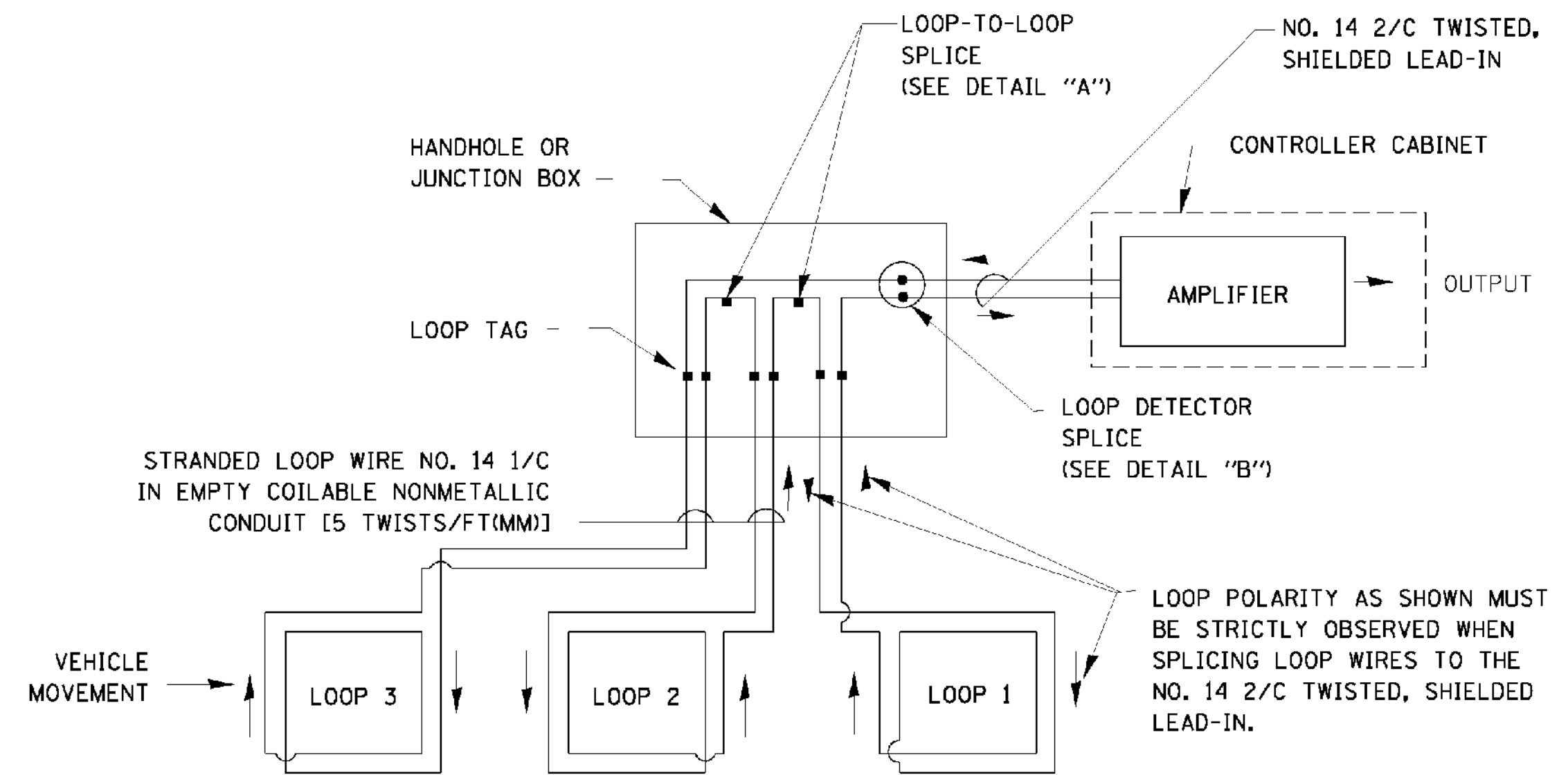
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

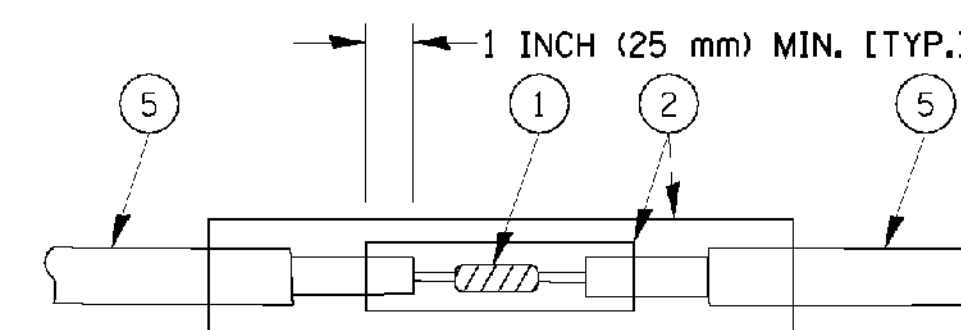


- A. LANE #1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

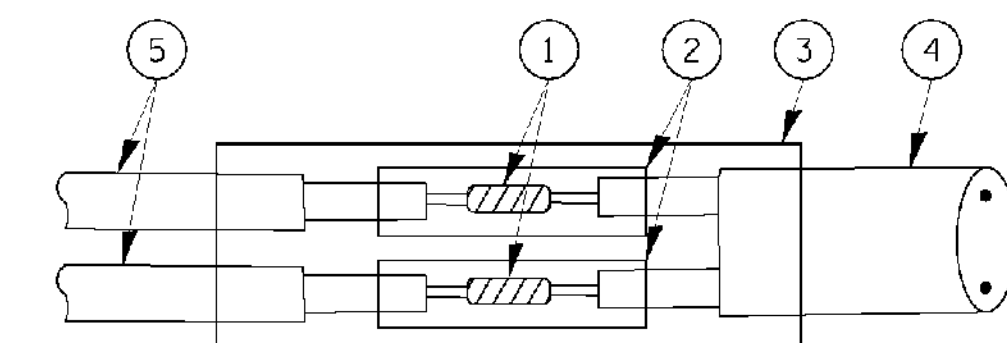


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

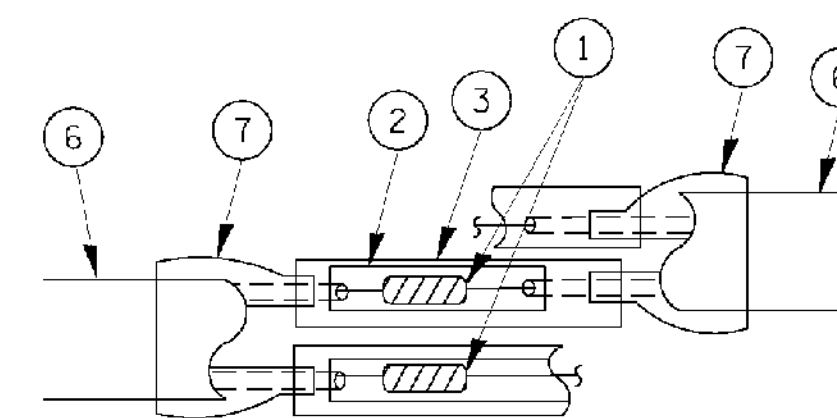


**DETAIL "A"
LOOP-TO-LOOP SPLICE**

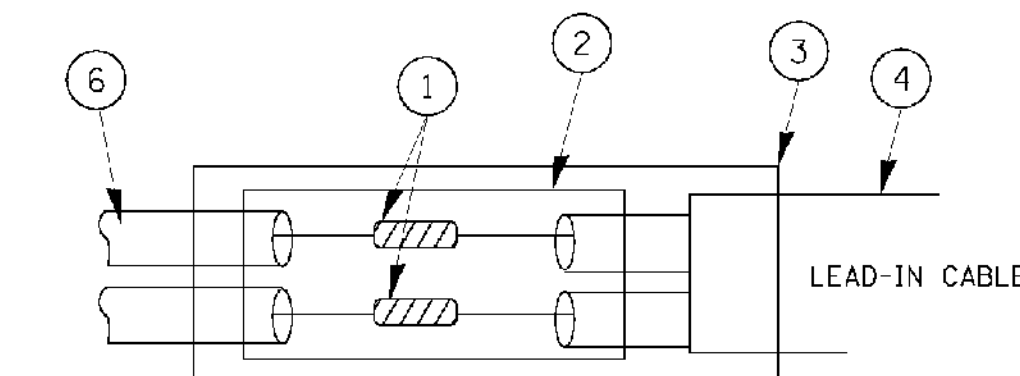


**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

TYPE I LOOP



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

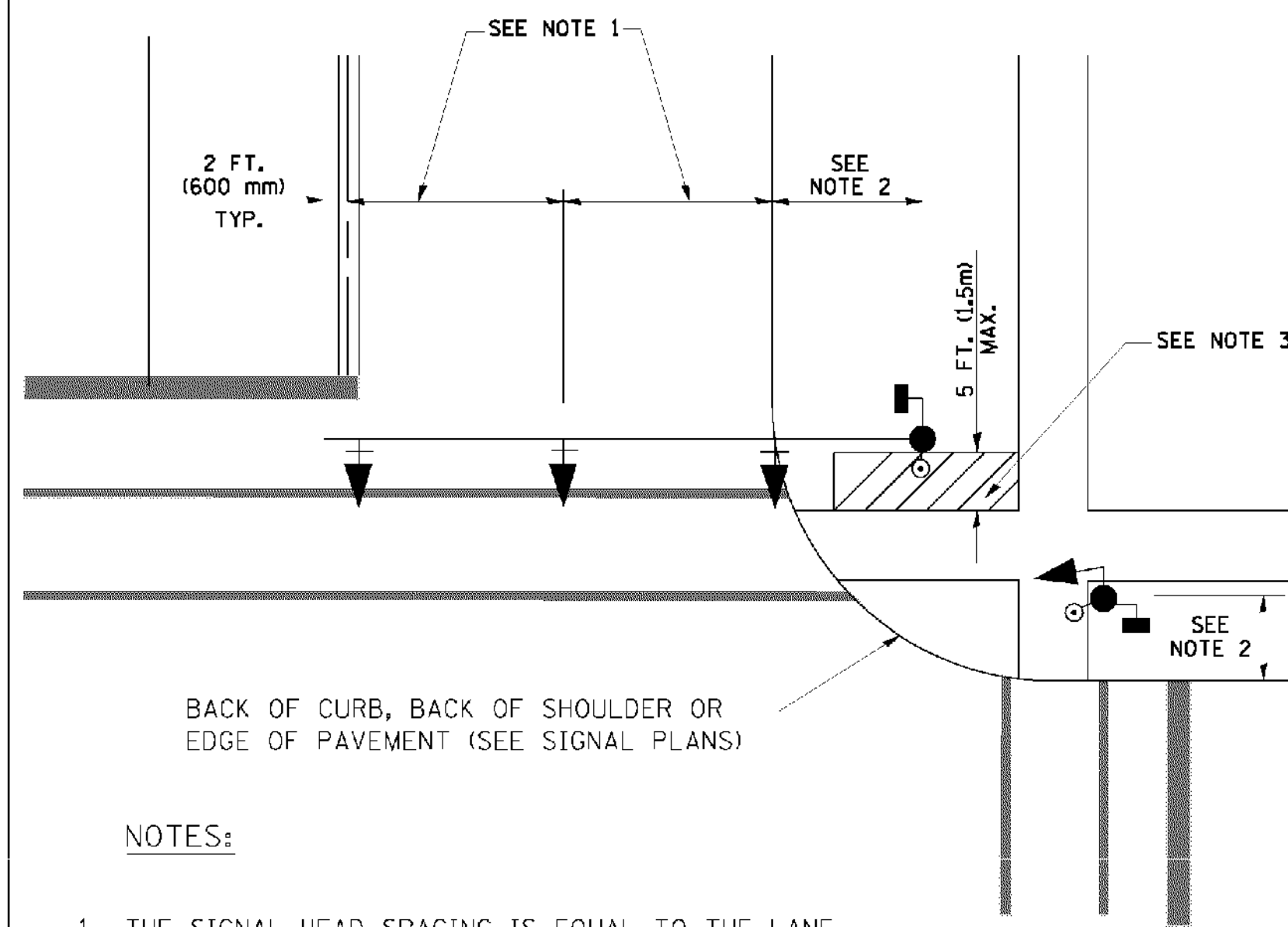
LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

ILL. V.M.L. - c:\pwwork\p\107\KANT-4FHIXARCV\01125	USL1 (MML) - Ken Joseph 4/1/09 FLU1 SUN.L - 20.000% / / 1. PLOT DATE - 10/26/2009	DESIGNED - DAD DRAWN - BCK CHECKED - DAD DATE - 10/28/09	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS SCALE: SHEET NO. 1 OF 6 SHEETS STA. TO STA.	F.A.P. RTE. SECTION COUNTY COOK TOTAL SHEETS 9 SHEETS NO. 4 CONTRACT NO.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

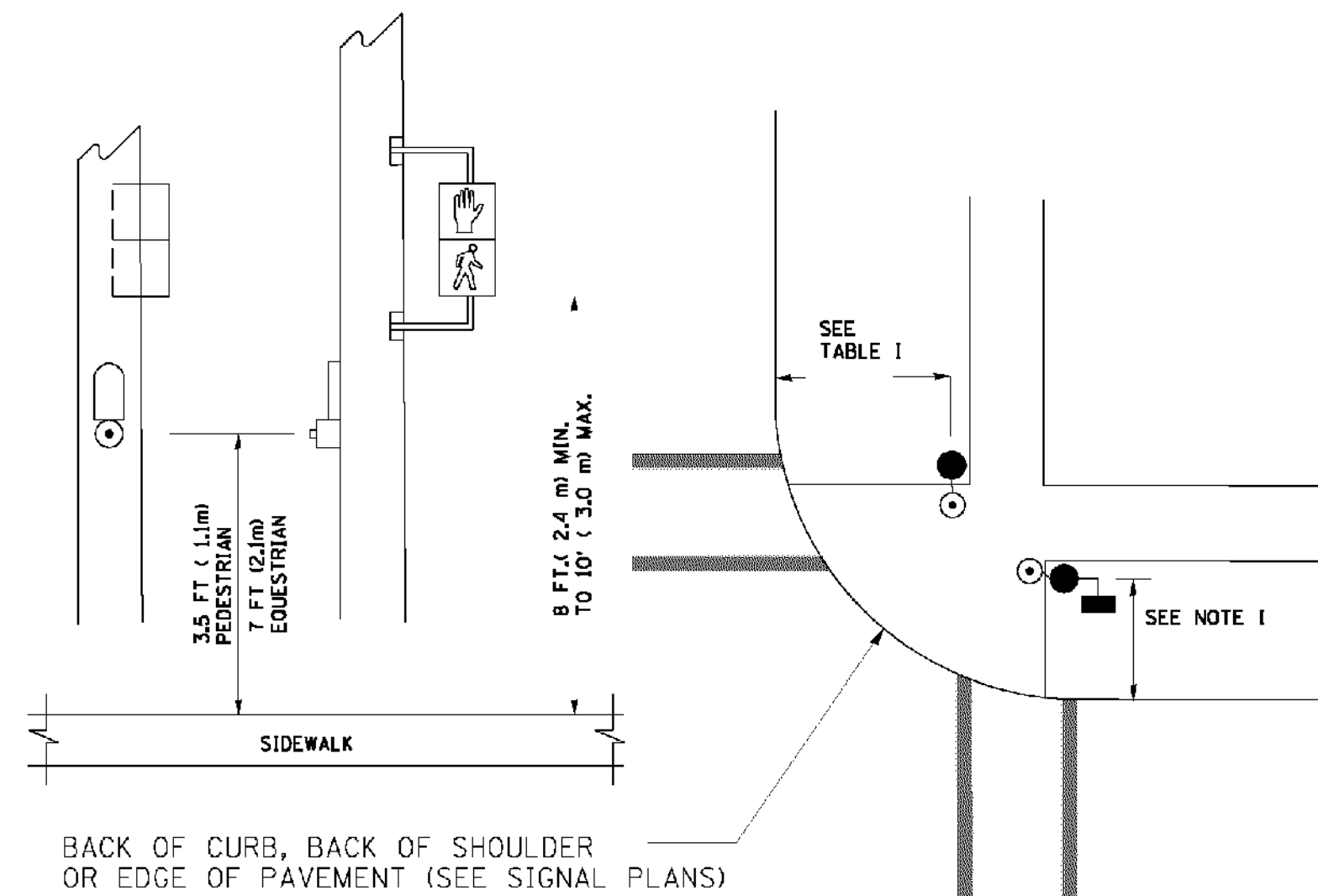
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

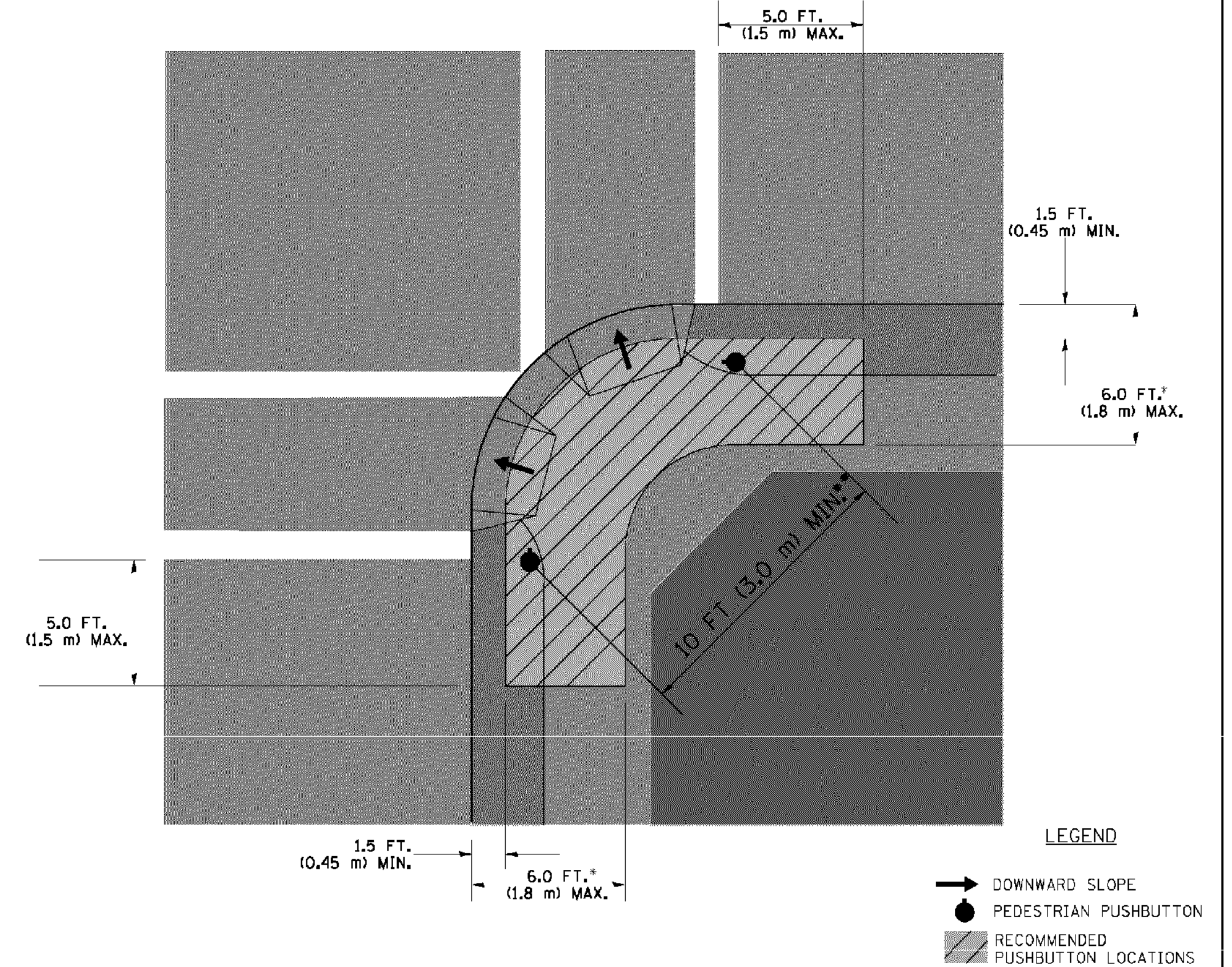
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPARATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

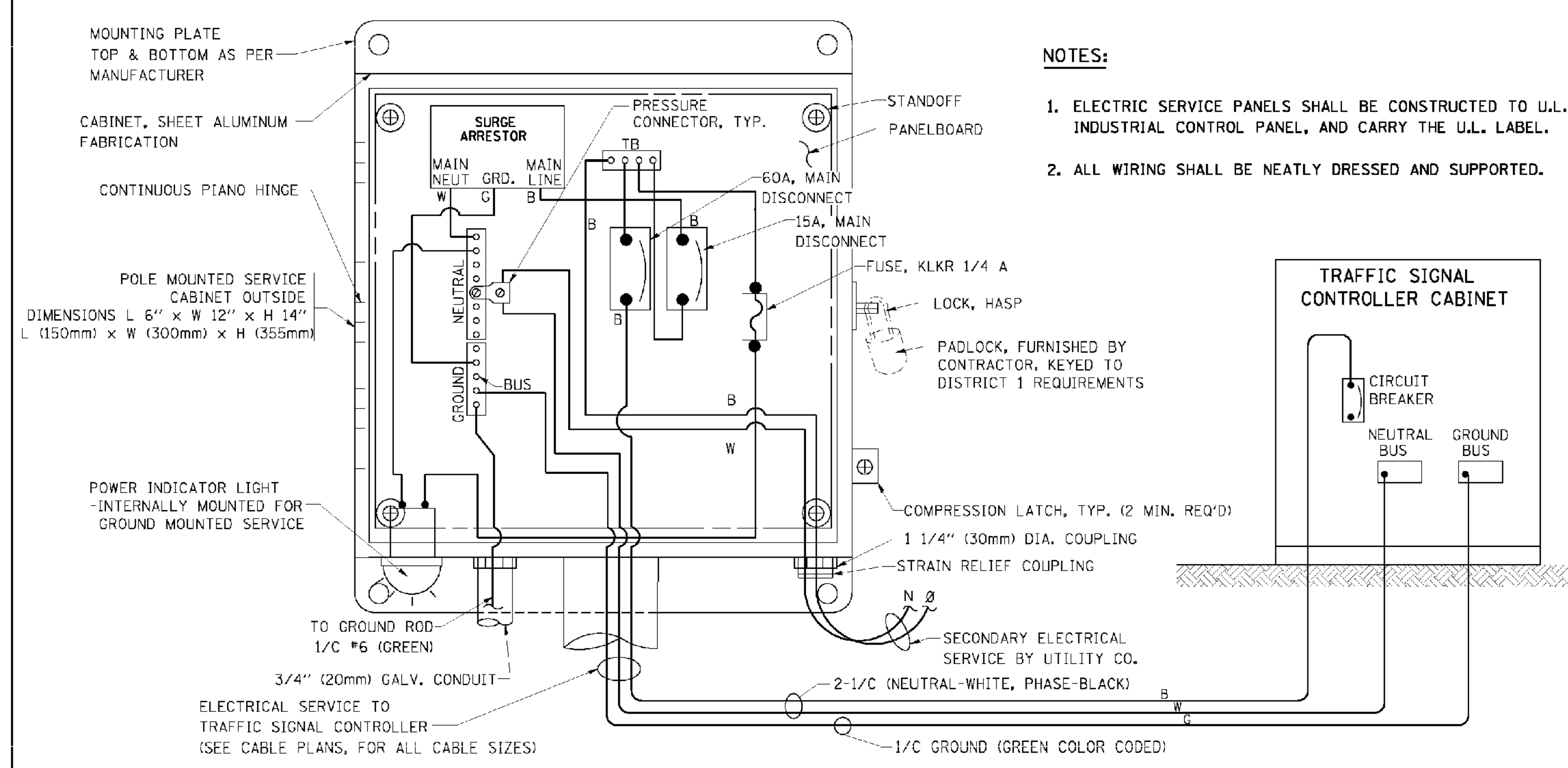
TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

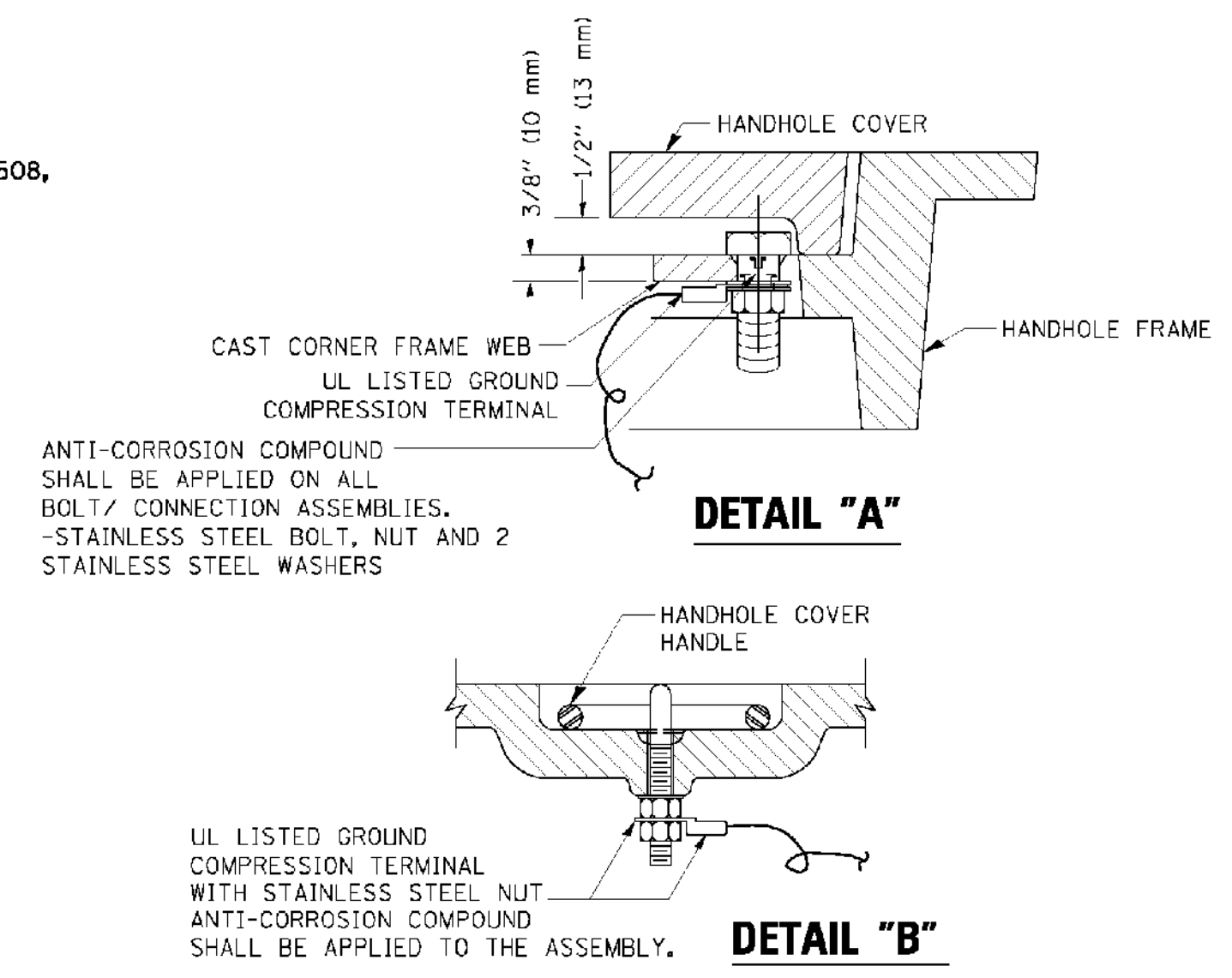
NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD AFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

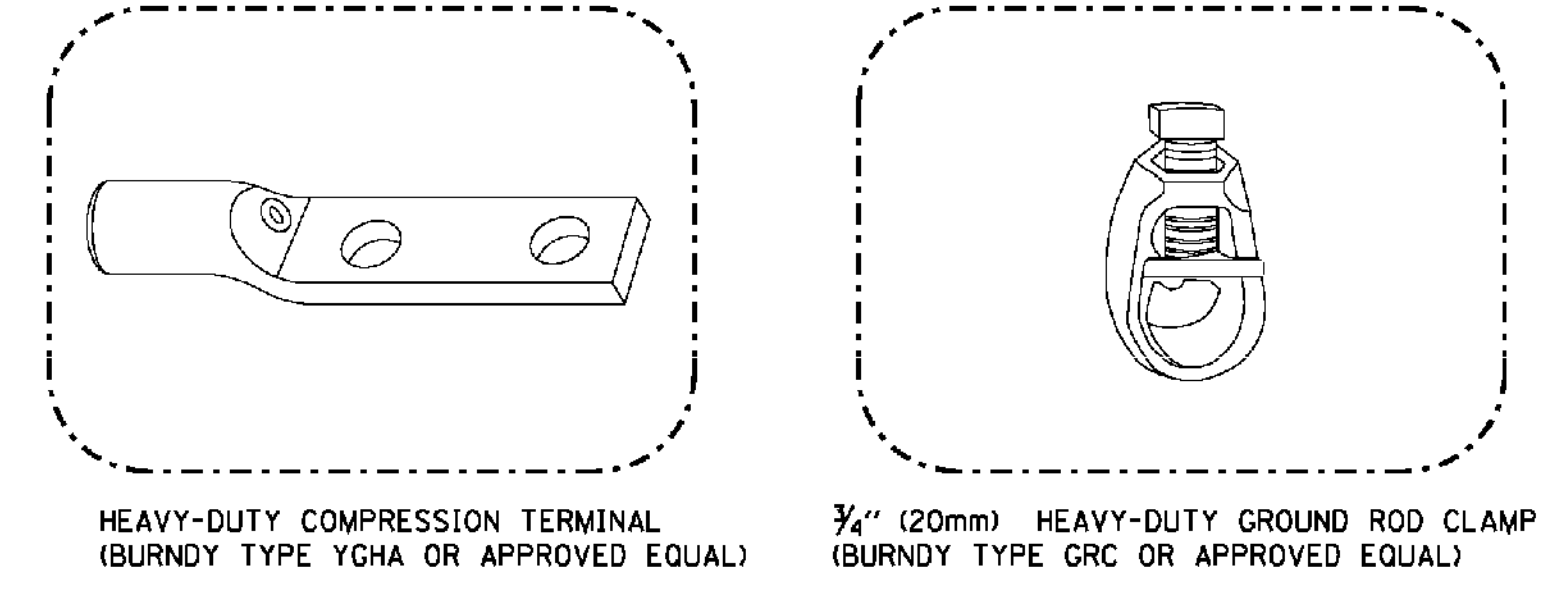
ILL. N09L - 6/16/09/125	USIL N09L - 6/16/09/125	DESIGNED - DAG DRAWN - BCK	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE.	SECTION	COUNTY COOK	TOTAL SHEETS 9	SHEET NO. 5
PLT DATE - 10/28/09	PLT DATE - 10/28/09	CHECKED - DAD DATE - 10/28/09	SCALE: SHEET NO. 2 OF 6 SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO.			



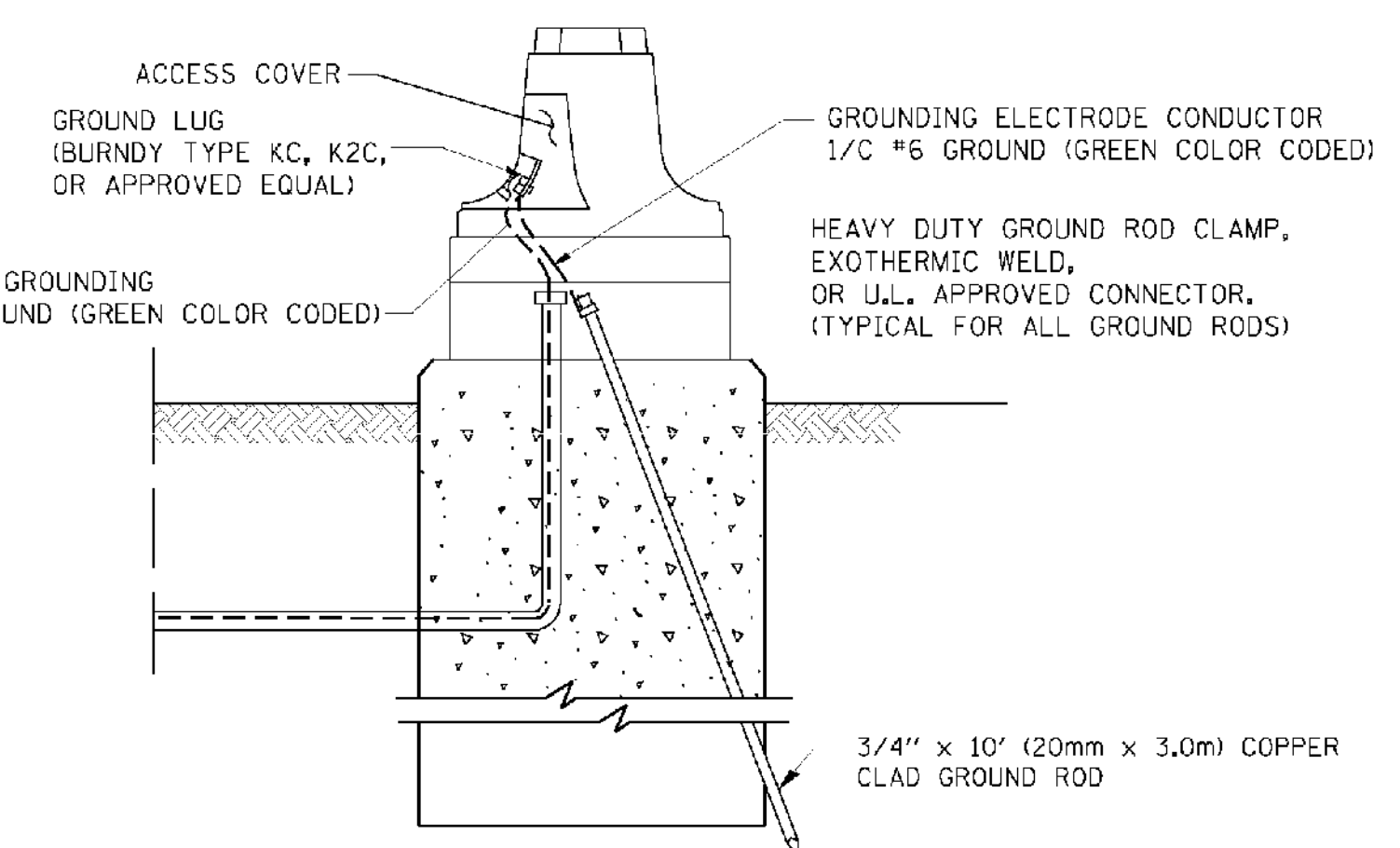
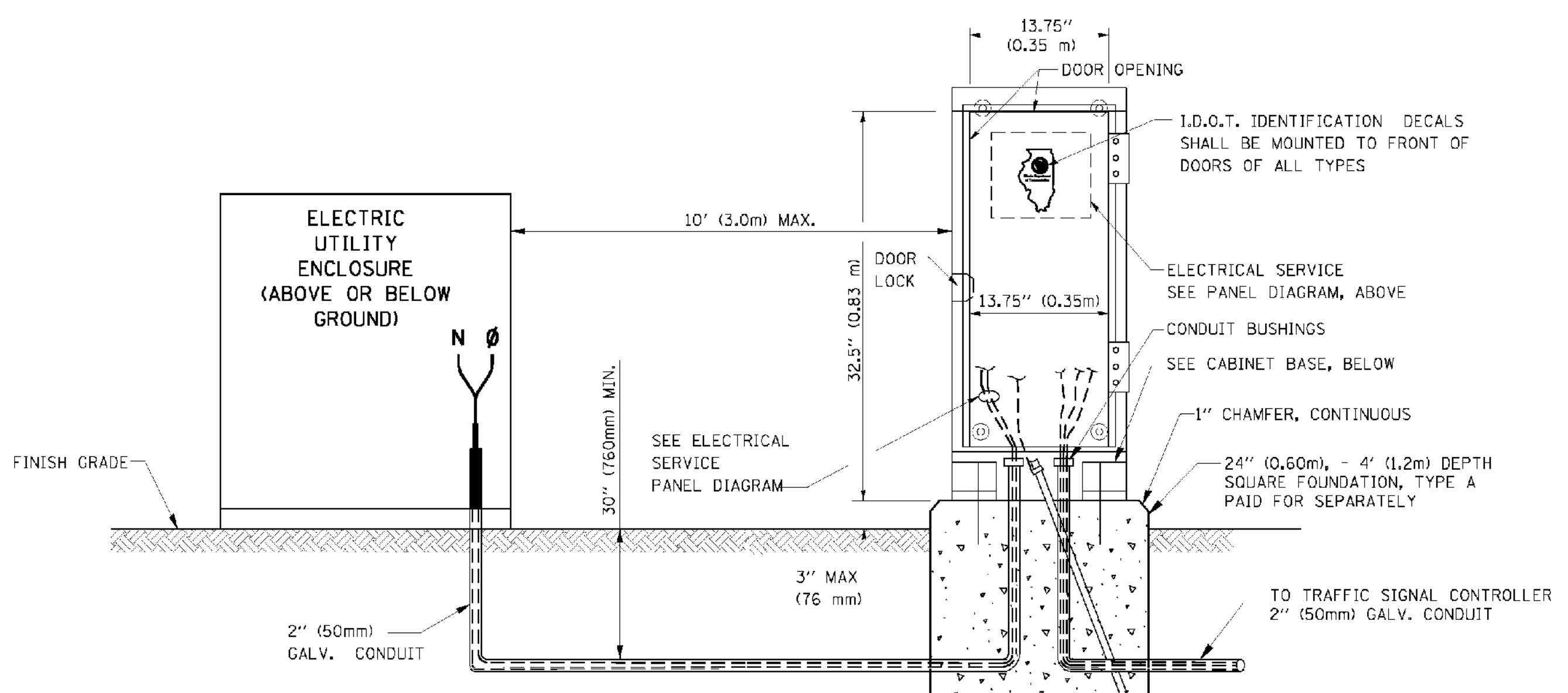
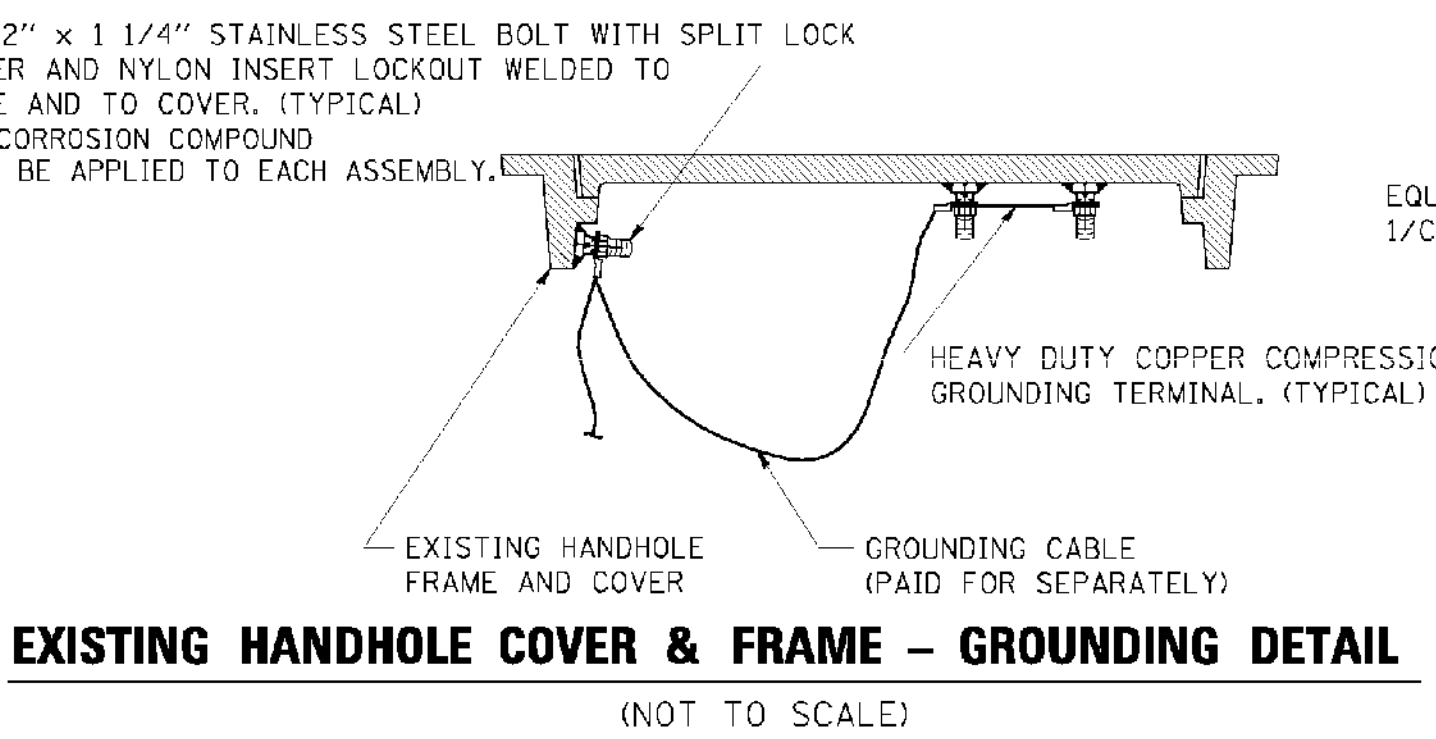
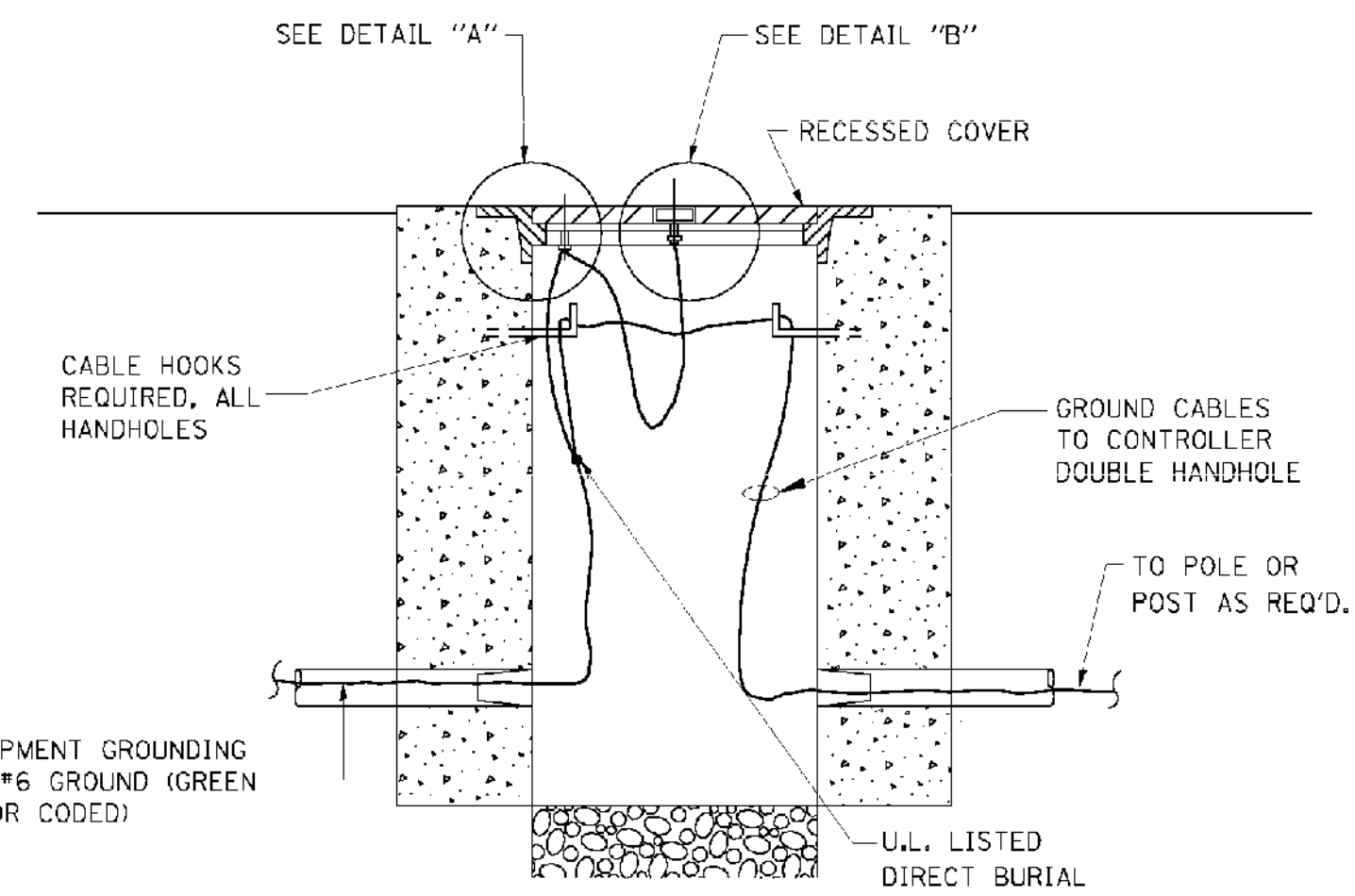
ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
 2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
 3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



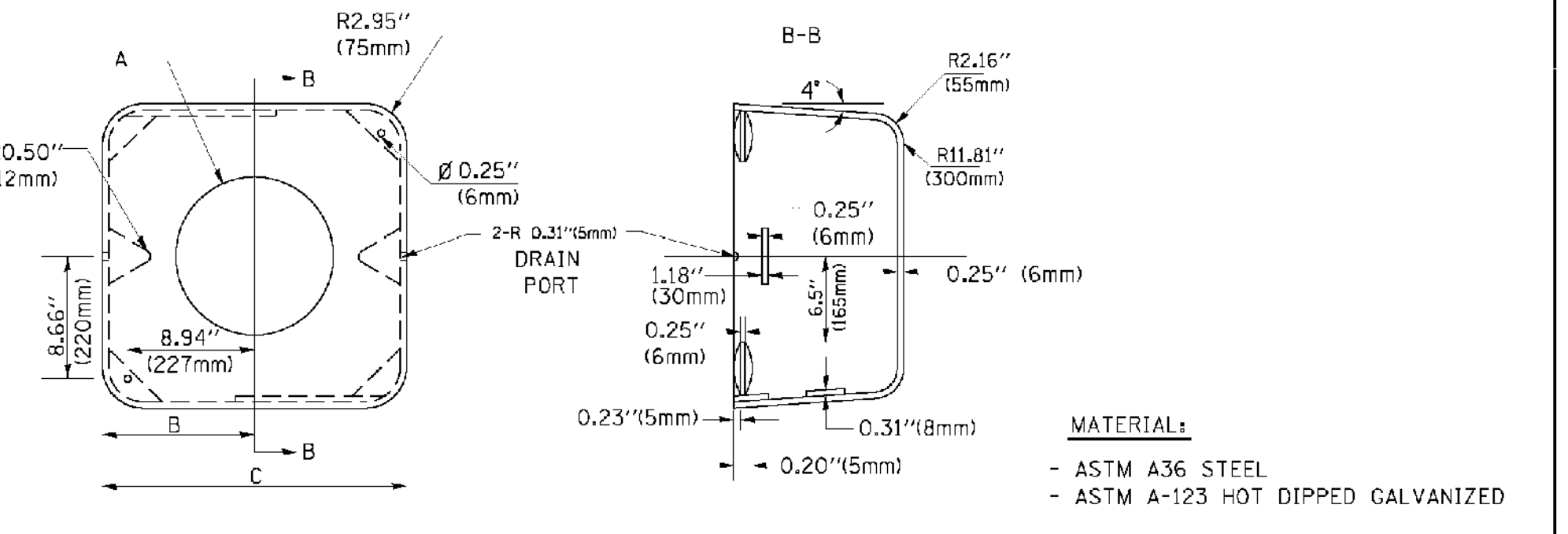
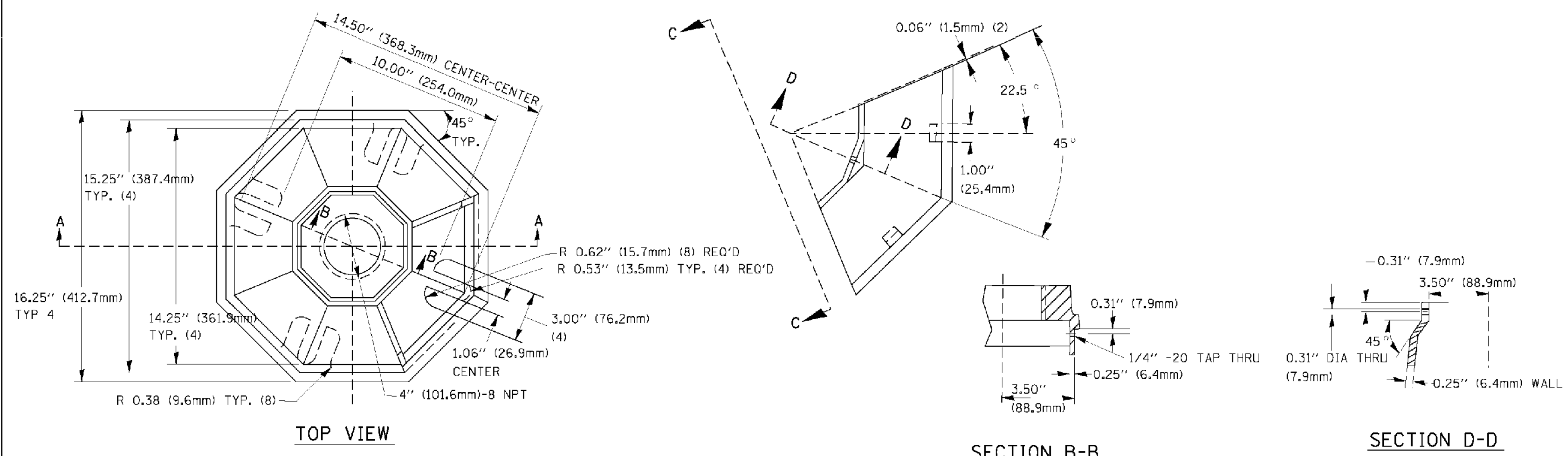
- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

CABINET – BASE BOLT PATTERN
 (NOT TO SCALE)

ILL. 10/11/09 DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS	DESIGNED - DAD DRAWN - BCK CHECKED - DAD DATE - 10/28/09	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS SCALE: SHEET NO. 3 OF 6 SHEETS	F.A.P. SECTION COUNTY COOK TOTAL SHEETS 9 SHEETS NO. 6 CONTRACT NO.
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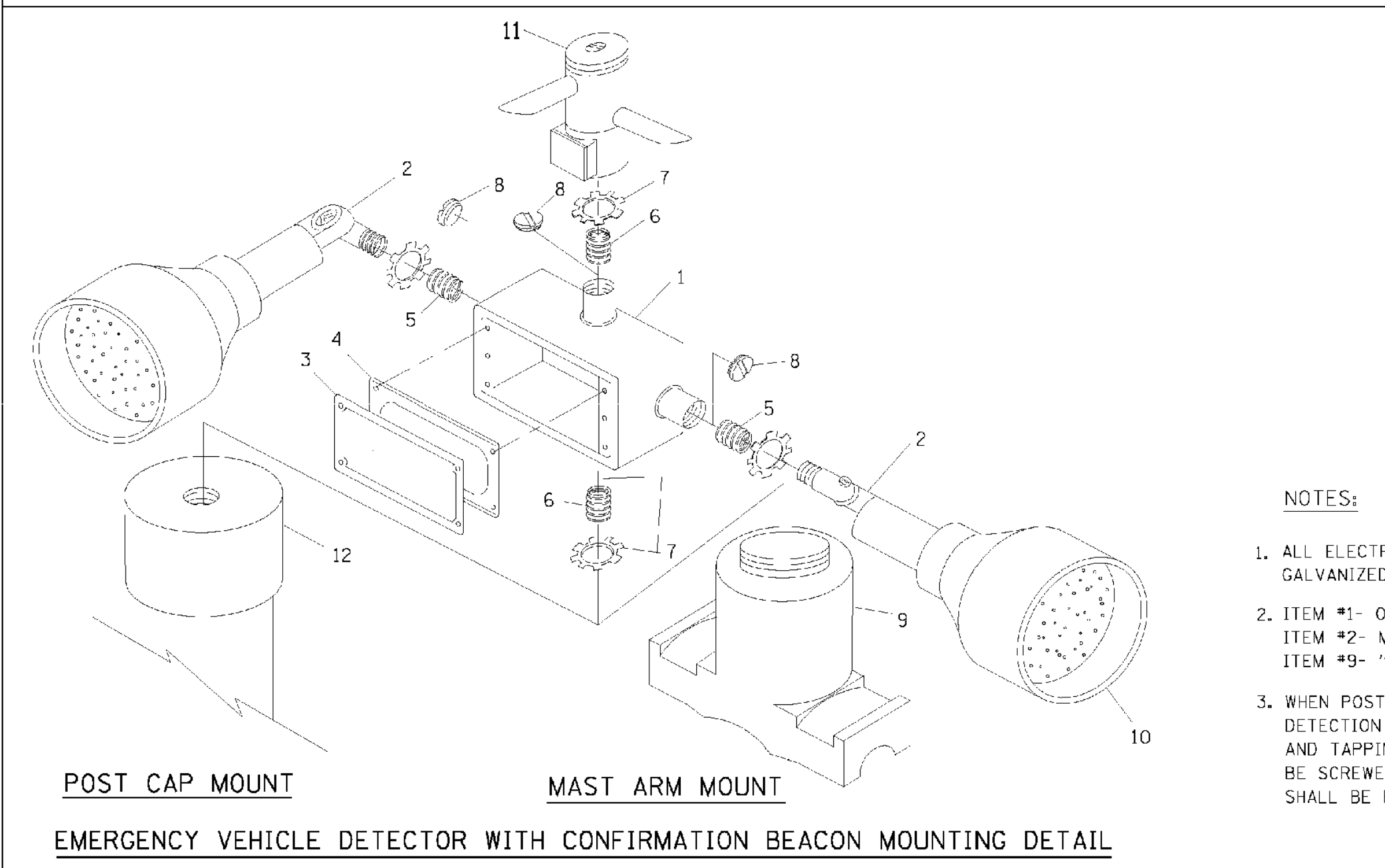
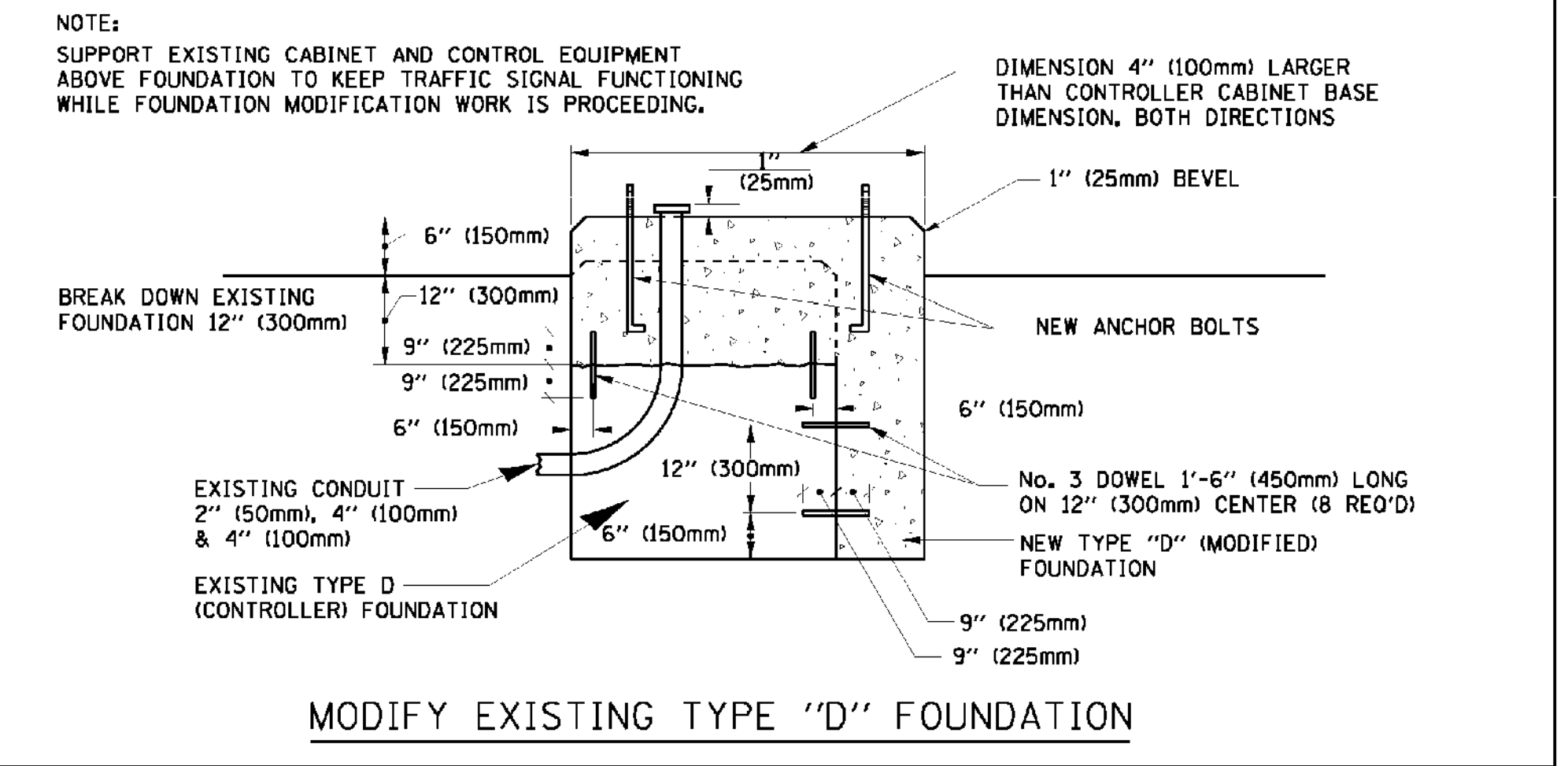
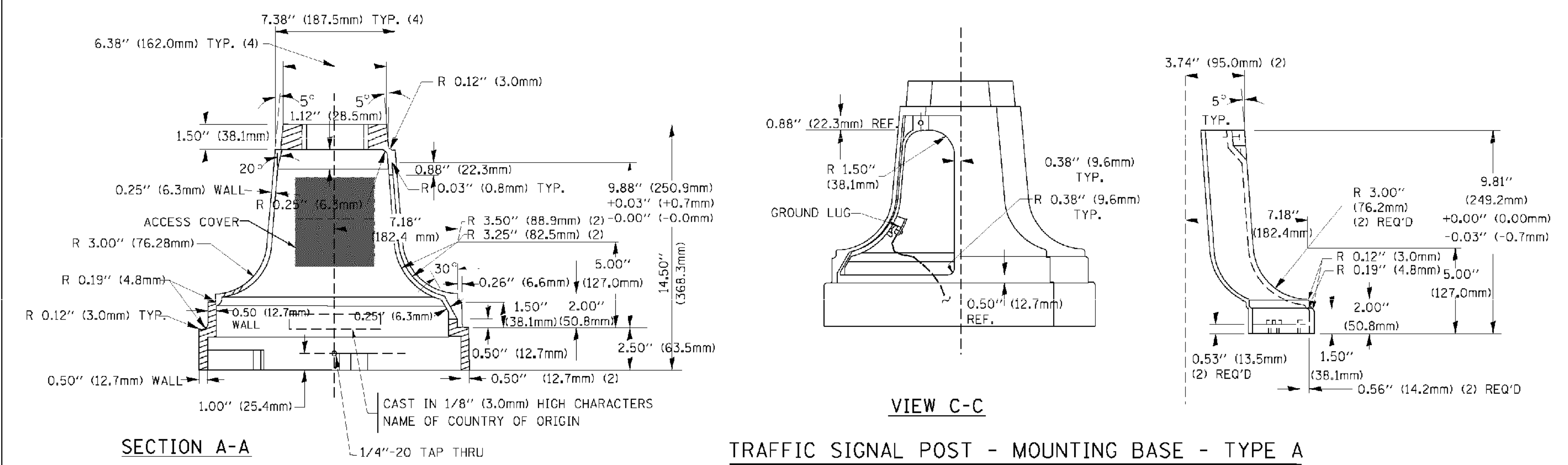


A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5\"(241mm)	19\"(483mm)	7\"(178mm) - 12\"(300mm)	53 lbs (24kg)
VARIABLES	10.75\"(273mm)	21.5\"(546mm)	7\"(178mm) - 12\"(300mm)	68 lbs (31 kg)
VARIABLES	13.0\"(330mm)	26\"(660mm)	7\"(178mm) - 12\"(300mm)	81 lbs (37 kg)
VARIABLES	18.5\"(470mm)	37\"(940mm)	7\"(178mm) - 12\"(300mm)	126 lbs (57 kg)

SHROUD

NOTES:

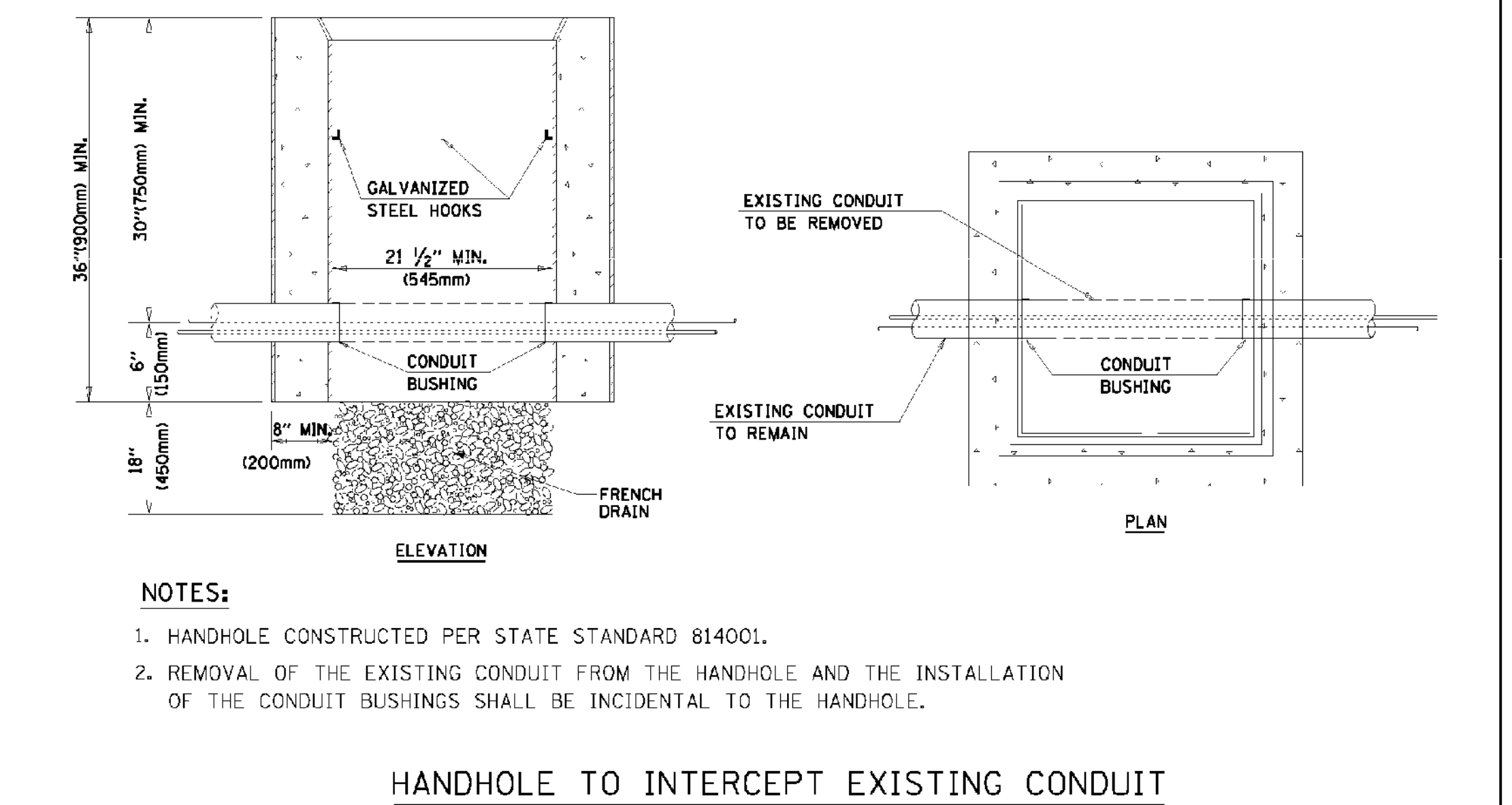
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU. IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4\"(19 mm) CLOSE NIPPLE
7	3/4\"(19 mm) LOCKNUT
8	3/4\"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP (18 FT. (5.4 m) POST MIN.)

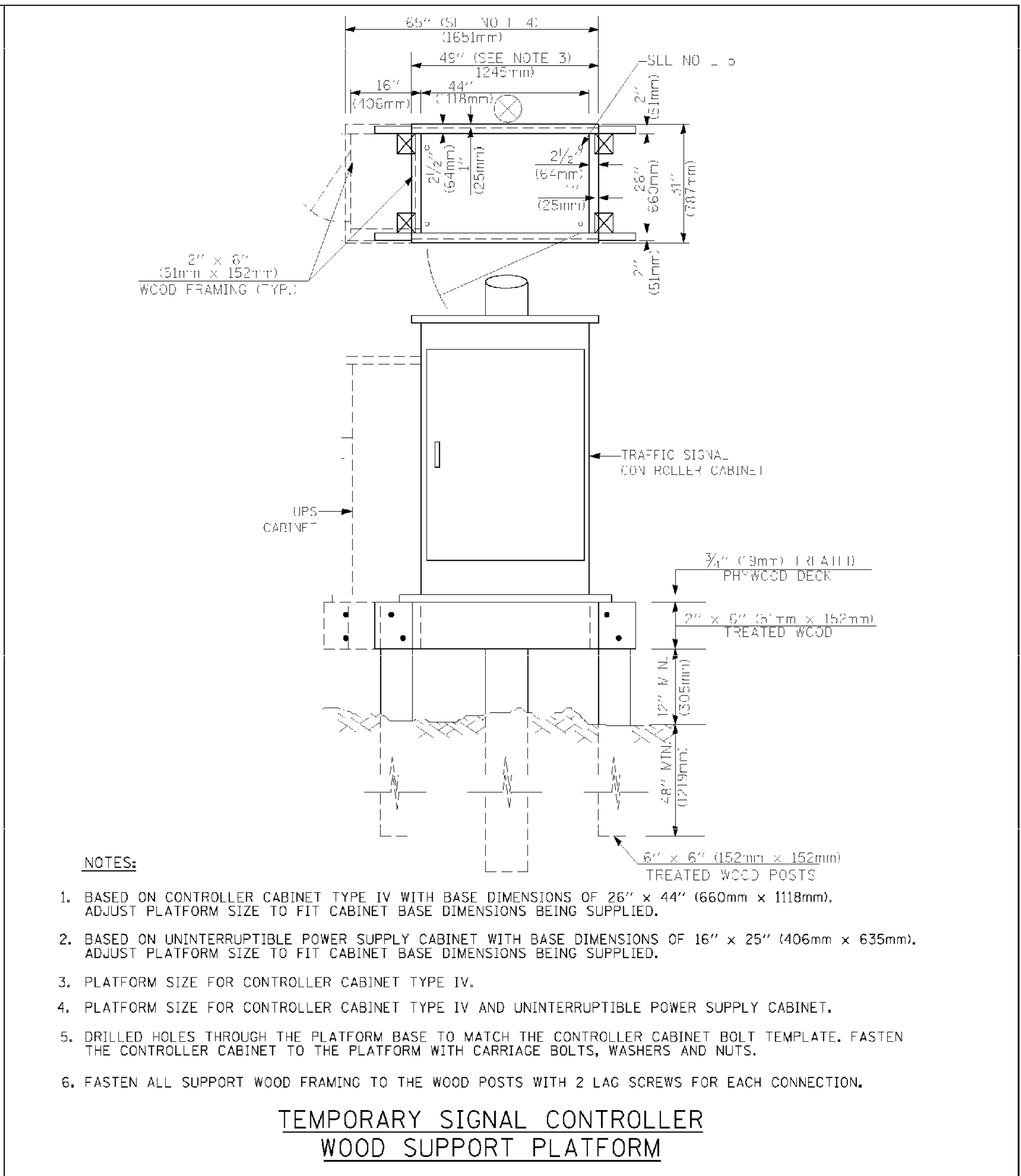
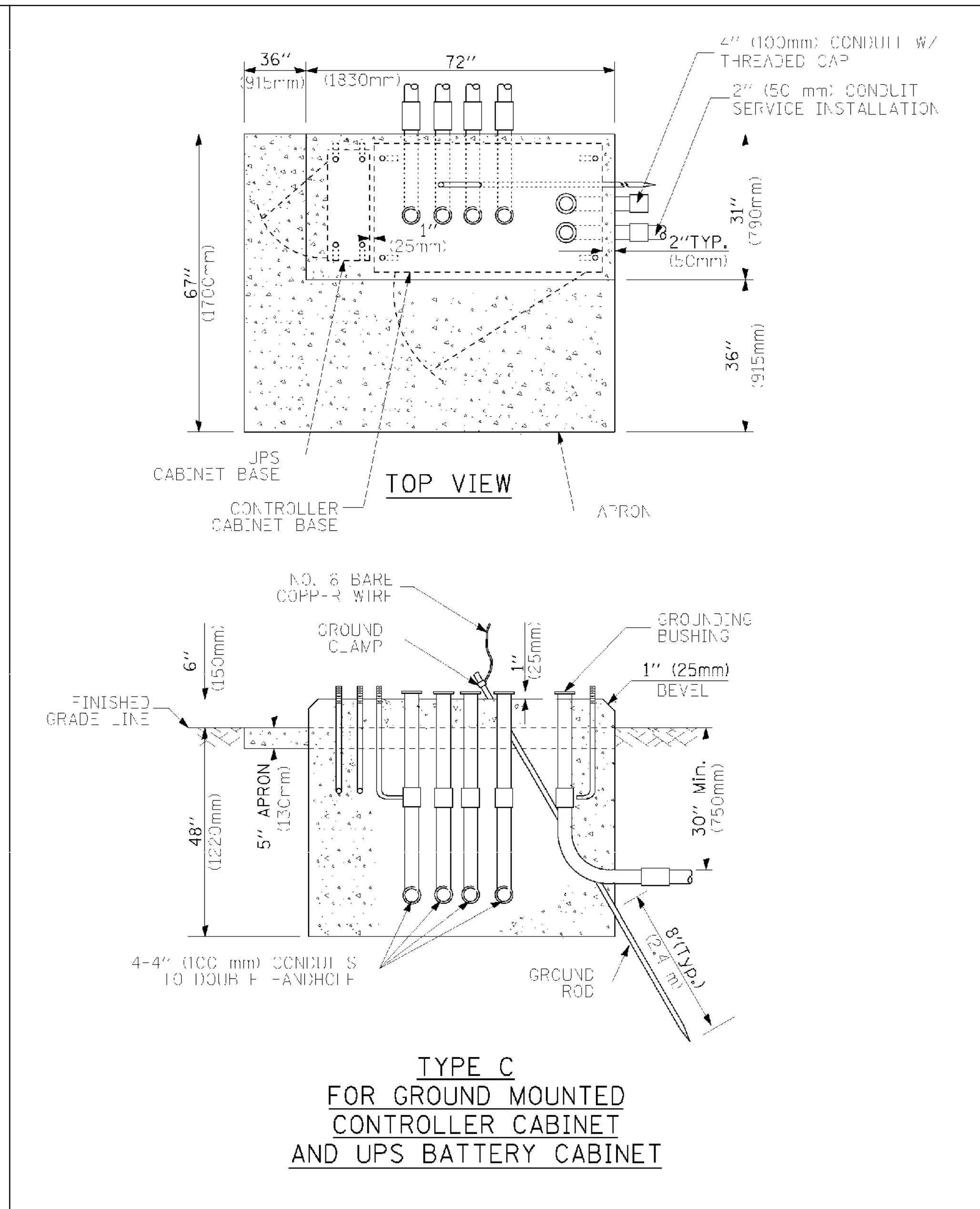
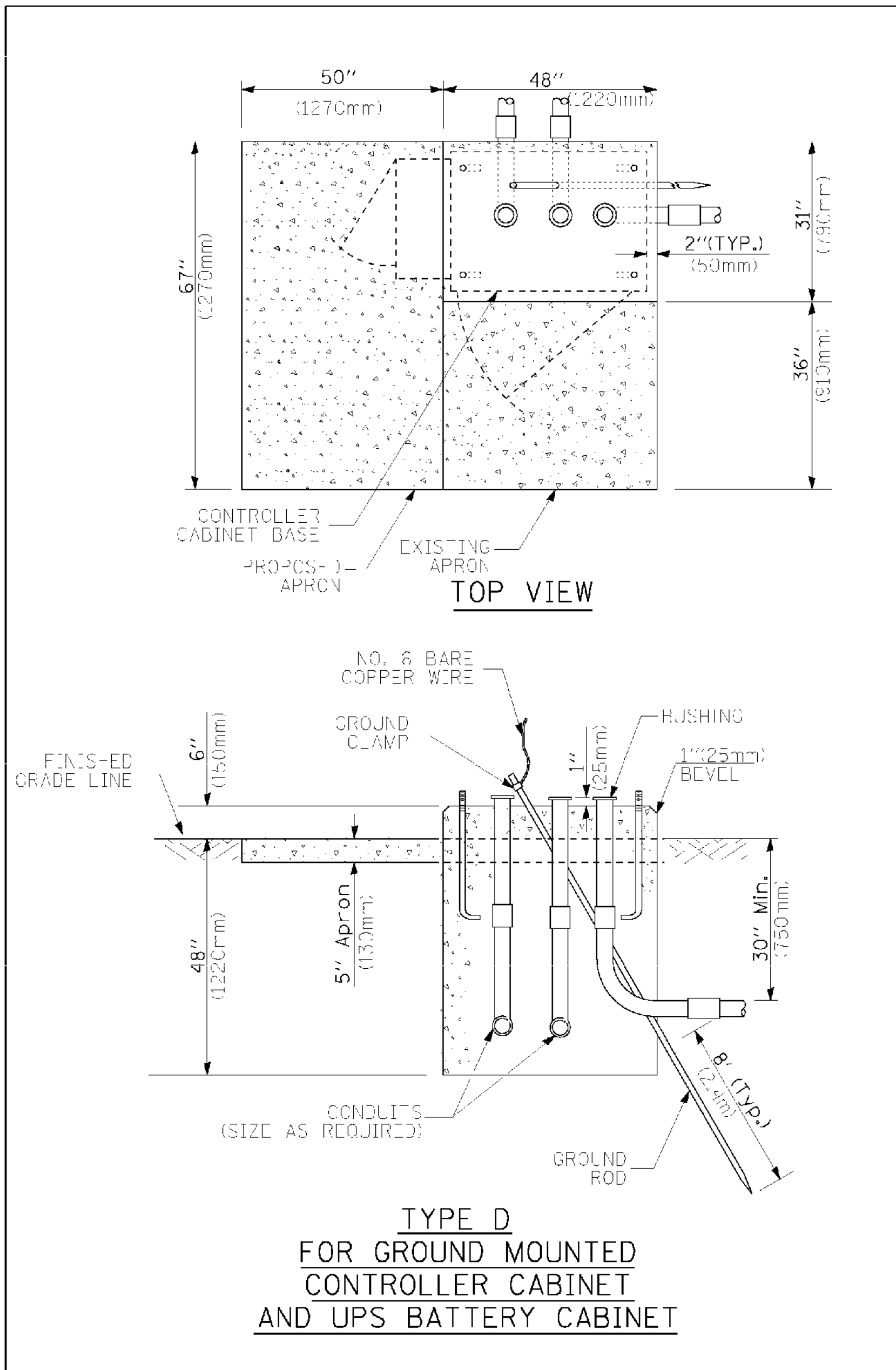
NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4\"(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.



- NOTES:**
1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
 6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

- NOTES:**
1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (QU) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & structures should be contacted for a revised design if other conditions are encountered.
 2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
 4. For mast arm assemblies with dual arms refer to state standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

FILE NAME - c:\pwworkspace\PROJECTS\KANT-APR\KANT-APR.dwg PLOT SCALE - 20.000% PLOT DATE - 10/26/2009	DESIGNED - DAG DRAWN - BCK CHECKED - DAD DATE - 10/28/09	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS SCALE: SHEET NO. 5 OF 6 SHEETS STA. TO STA.	F.A.P. RTE. SECTION COUNTY COOK CONTRACT NO. 9 8 ILLINOIS FED. AID PROJECT
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TRAFFIC SIGNAL LEGEND

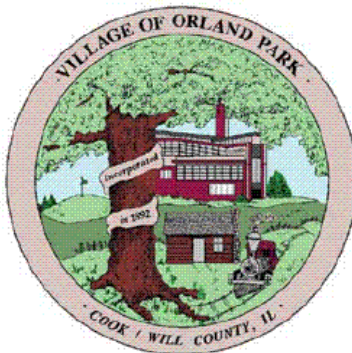
ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED																		
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE																					
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE																					
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA																					
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED																					
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F																					
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F																					
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F																					
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)																					
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE																					
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED																					
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM				STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED																					
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM				ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED																					
SIGNAL POST				REMOVE ITEM				STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED																					
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM				SIGNAL POST AND FOUNDATION TO BE REMOVED																					
GUY WIRE				ABANDON ITEM				INTERSECTION & SAMPLING (SYSTEM) DETECTOR																					
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				SAMPLING (SYSTEM) DETECTOR																					
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																					
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																					
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																					
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				PREFORMED SAMPLING (SYSTEM) DETECTOR																					
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED				<h3 style="margin: 0;">RAILROAD SYMBOLS</h3> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;"><u>EXISTING</u></td> <td style="text-align: center;"><u>PROPOSED</u></td> </tr> <tr> <td>RAILROAD CONTROL CABINET</td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> <tr> <td>RAILROAD CANTILEVER MAST ARM</td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> <tr> <td>FLASHING SIGNAL</td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> <tr> <td>CROSSING GATE</td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> <tr> <td>CROSSBUCK</td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> </table>				<u>EXISTING</u>	<u>PROPOSED</u>	RAILROAD CONTROL CABINET			RAILROAD CANTILEVER MAST ARM			FLASHING SIGNAL			CROSSING GATE			CROSSBUCK			
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PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID																									
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER																									
ILLUMINATED SIGN "NO LEFT TURN"				RADIO INTERCONNECT																									
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO REPEATER																									
DETECTOR LOOP, TYPE I				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED																									
PREFORMED DETECTOR LOOP				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)																									
MICROWAVE VEHICLE SENSOR				<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION </div>			<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS </div>																						
VIDEO DETECTION CAMERA										<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">SCALE: NONE</td> <td style="width: 25%;">SHEET NO. 6 OF 6 SHEETS</td> <td style="width: 25%;">STA.</td> <td style="width: 25%;">TO STA.</td> </tr> <tr> <td colspan="2">FED. ROAD DIST. NO.</td> <td colspan="2">ILLINOIS FED. AID PROJECT</td> </tr> </table>			SCALE: NONE	SHEET NO. 6 OF 6 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT										
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VIDEO DETECTION ZONE																													
PAN, TILT, ZOOM CAMERA																													
WIRELESS DETECTOR SENSOR				<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DESIGNED - DAG/BCK</td> <td style="width: 25%;">REVISED -</td> </tr> <tr> <td style="width: 25%;">DRAWN - BCK</td> <td style="width: 25%;">REVISED -</td> </tr> <tr> <td style="width: 25%;">CHECKED - DAD</td> <td style="width: 25%;">REVISED -</td> </tr> <tr> <td style="width: 25%;">DATE - 10/28/09</td> <td style="width: 25%;">REVISED -</td> </tr> </table>			DESIGNED - DAG/BCK	REVISED -	DRAWN - BCK	REVISED -	CHECKED - DAD	REVISED -	DATE - 10/28/09	REVISED -	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">COUNTY</td> <td style="width: 25%;">TOTAL SHEETS</td> <td style="width: 25%;">NO.</td> <td style="width: 25%;">NO.</td> </tr> <tr> <td style="width: 25%;">COOK</td> <td style="width: 25%;">9</td> <td style="width: 25%;">9</td> <td style="width: 25%;">9</td> </tr> <tr> <td colspan="4" style="text-align: center;">CONTRACT NO.</td> </tr> </table>			COUNTY	TOTAL SHEETS	NO.	NO.	COOK	9	9	9	CONTRACT NO.			
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WIRELESS ACCESS POINT																													

Project Manual & Emergency Communication Plan

INTERSECTION & ROADWAY IMPROVEMENTS

143RD STREET & LAGRANGE ROAD
COOK COUNTY

Prepared for:



**VILLAGE OF ORLAND PARK
PUBLIC WORKS DEPARTMENT
DIVISION OF HIGHWAYS**

**15655 Ravinia Avenue
Orland Park, IL 60462
<http://www.orland-park.il.us>**

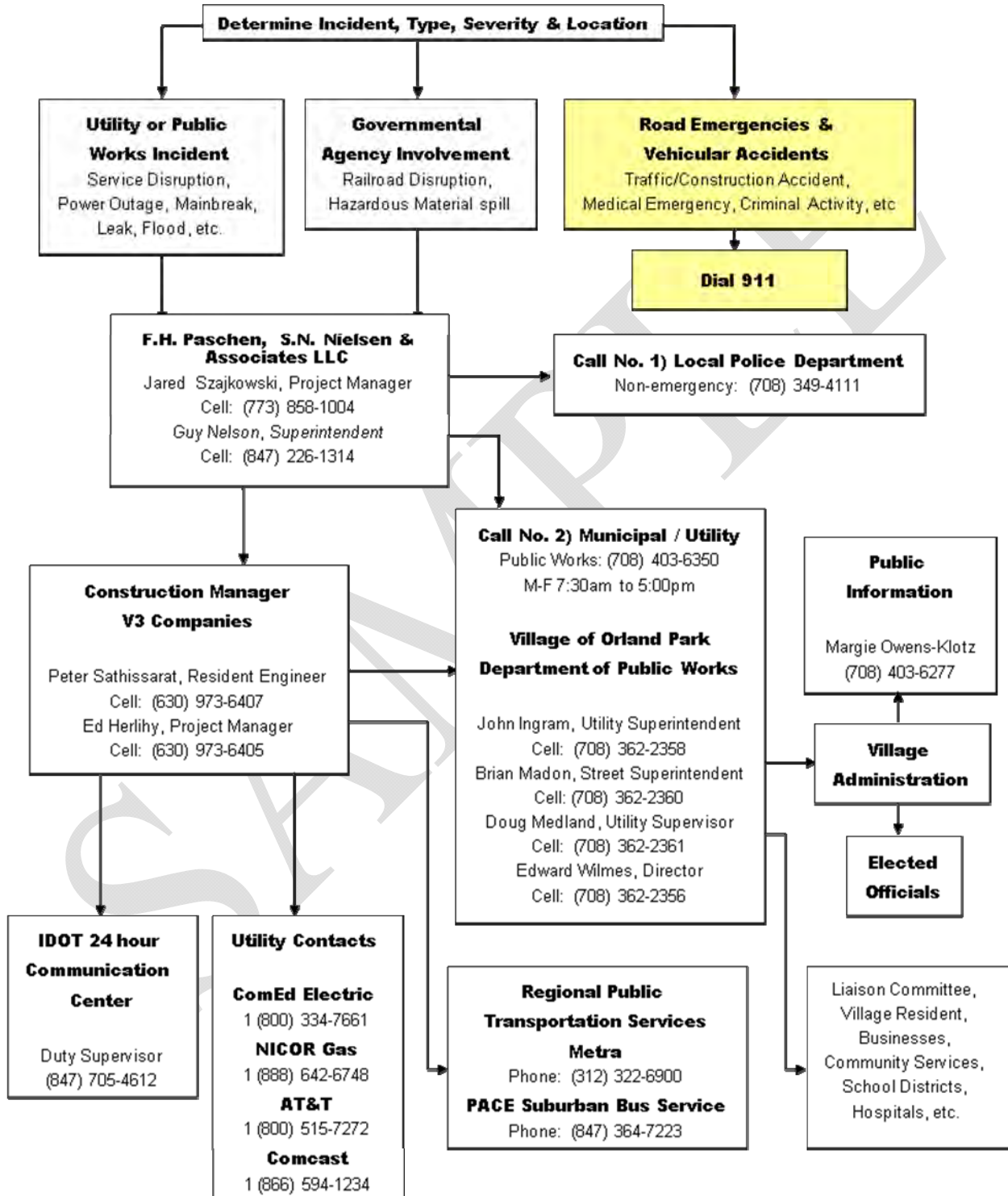
Project Manual & Emergency Communication Plan
Intersection & Roadway Improvements
143rd Street & Lagrange Road
Cook County

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Project Manual & Emergency Communication Plan
 Intersection & Roadway Improvements
 143rd Street & Lagrange Road
 Cook County

Emergency Communication Plan / Team



Project Manual & Emergency Communication Plan
Intersection & Roadway Improvements
143rd Street & Lagrange Road
Cook County

Emergency Action Plan

Before Start of Project (date activities completed)

- Prepare Preliminary Emergency Plan (3/10/2011)
- Prepare Preliminary Emergency Contact List (3/11/2011)
- Prepare Final Emergency Communication Plan (3/11/2011)

During an Emergency (take notes and photos when possible)

- Convene Emergency Team
- Designate a Communication Command Center
- Gather Facts concerning the emergency
 - Location / Type / Time of Incident
 - Severity of Injuries
 - Number of Persons / Vehicles Involved
 - Emergency Response (Police, Fire, Ambulatory Care, Airlift)
 - Hospital Standby Notification
 - Determine Need for Area Evacuation (Hazardous Waste Spills)
 - Estimate of Property Damage
 - Determine Need for Utility Shut-Off or Repair
 - Establish Detour Route in event of Lane Blockage
 - Determine Need for Construction Repair Service
 - Provide estimate for time to restore scene
 - Secure, Tow and Clean Site

✓ **complete**

Project Manual & Emergency Communication Plan
Intersection & Roadway Improvements
143rd Street & LaGrange Road
Cook County

A. Purpose of the Project Manual & Emergency Communication Plan

The Project Manual & Emergency Communication Plan has been prepared to inform local officials and emergency responders about the **Intersection & Roadway Improvements at 143rd Street & LaGrange Road** and outline a response strategy in the event of an emergency. This document will serve to identify and inform those that may be impacted during the project. Local community leaders are asked to share the information contained in this document with the public.

B. Scope & Schedule

Intersection and roadway improvements at the intersection of 143rd Street and LaGrange Road extend along LaGrange Road from Southwest Highway on the north to 144th Place on the south. The project limits also extend along 143rd Street from Southwest Highway on the west to 94th Avenue on the east. The proposed scope of construction work will be completed over a 9 month period beginning in March 2011, with a substantial completion date of November 11, 2011. Staged traffic and daytime lane closures will be in place in accordance with IDOT standards.

C. Definition of Emergency

For the purpose of the Emergency Communication Plan, an emergency is defined as a sudden unforeseen situation that poses an immediate threat to human life (or injury) or serious property damage. An emergency response is warranted for the following situations:

Traffic Incident Management is a planned and coordinated process to detect, respond to, and remove stalled or disabled vehicles or traffic incidents and restore traffic capacity as safely and quickly as possible.

Enforcement of Laws and pursuit of criminal acts as performed by local law enforcement.

Fire and Rescue services are provided by local fire departments, and by surrounding fire departments through mutual aid agreements. Typical roles and responsibilities at traffic and/or construction incidents assumed by fire and departments include: Suppressing fires, providing emergency medical care, providing initial HAZMAT response and containment, rescuing victims of emergencies, arranging transportation for the injured and providing traffic control until law enforcement arrival.

Emergency Medical Service (EMS) responsibilities include the triage, treatment, and transport of emergency victims. Typical roles and responsibilities assumed by EMS include: Providing advanced emergency medical care, determining destination requirements for the injured, coordinating evacuation or airlift, serving as incident commander for medical emergencies and determining approximate cause of injuries for the trauma center.

Project Manual & Emergency Communication Plan
Intersection & Roadway Improvements
143rd Street & Lagrange Road
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Utility Agencies are secondary responders and are typically responsible for emergency facility shut-off in the event of an incident. Typically, utility agencies have facilities within public transportation right-of-ways either visible or buried. Typical operational responsibilities assumed by utility agencies include: assist in incident detection and verification, initiate utility shut-off strategies, provide information to fire and rescue crews, determine incident clearance and repair needs and perform repair functions.

Hazardous Materials Contractors are hired by emergency or transportation authorities to clean up and dispose of toxic or hazardous materials. Most common (and small quantity) engine fluid spills (oil, diesel fuel, gasoline, anti-freeze, etc.) can be contained and cleaned up without calling hazardous materials contractors.

Emergency Management by State and local governments whose duties are to plan for and coordinate multi-agency response to large-scale emergencies such as natural and man-made disasters. Even very large highway incidents rarely activate emergency response plans unless they necessitate evacuation due to a spill or presence of hazardous materials.

D. Distribution of Project Manual & Emergency Plan

After this document is approved by the Village of Orland Park it will be distributed to the emergency responders, construction managers and construction contractors.

Project Manual & Emergency Communication Plan
Intersection & Roadway Improvements
143rd Street & Lagrange Road
Cook County

E. Construction Related Contacts

Village of Orland Park

Department of Public Works

15655 Ravinia Av
Orland Park, IL 60462
Phone: (708) 403-6350

Edward Wilmes, Director

E-mail: ewilmes@orland-park.il.us
Cell: (708) 362-2356

John Ingram, Utility Superintendent

E-mail: jingram@orland-park.il.us
Cell: (708) 362-2358

Doug Medland, Utility Supervisor

Phone: (708) 403-6350
Cell: (708) 362-2361

Brian Madon, Acting Street Superintendent

Cell: (708) 362-2360

Construction Managers (CM)

V3 Companies

7325 Janes Avenue
Woodridge, IL 60517
Phone: (630) 724-9200

Peter Sathissarat, Resident Engineer

E-mail: psathissarat@v3co.com
Cell: (630) 973-6407

Ed Herlihy, Project Manager

E-mail: eherlihy@v3co.com
Cell: (630) 973-6405

Construction Contractors

F.H. Paschen, S.N. Nielsen & Associates LLC

8725 W. Higgins Rd. Suite 200
Chicago, IL 60631
Phone: (773) 714-5404

**Jared Szajkowski, Project
Manager**

Cell: (773) 858-1004

Guy Nelson, Superintendent

Cell: (847) 226-1314

ComEd Electric

Project Manual & Emergency Communication Plan
Intersection & Roadway Improvements
143rd Street & Lagrange Road
Cook County

Construction Sub-contractors

Lake County Grading Co., LLC
Matt Hubbard
Phone: (847) 362-2590

Western Utility Contractors, Inc.
Kyle Pedigo (Storm Sewer)
Mikael Heston (Electrical)
Phone: (708) 235-1408

Traffic Control and Prot., Inc.
Paul Chicoine
Phone: (630) 293-0026

Kapur & Associates, Inc.
Chris Dietz
Phone: (262) 767-2747

Homer Tree Service, Inc.
Katina Kaftantzis
Phone: (815) 838-0320

Breezy Hill Nursery, Inc.
Casey Carr
Phone: (262) 537-2111

Fence Connection, Inc.
Mike Finan
Phone: (847) 622-8860

A Touch of Green Landscape, Inc.
Bob Pankonin
Phone: (708) 301-2090

Project Manual & Emergency Communication Plan
Intersection & Roadway Improvements
143rd Street & Lagrange Road
Cook County

F. Non-Emergency Contact Information

Village of Orland Park

The Village of Orland Park offers a variety of ways for the public to get the latest information on construction on our roads. Motorists are encouraged to visit or call the sites listed below so informed decisions can be made.

<http://www.orland-park.il.us> – **E-Services** – Sign up for “Notify Me” e-mail notifications.

<http://www.orland-park.il.us> – **Road Construction Updates** – Construction Information posted on the Village’s website

Transportation Departments

Illinois Department of Transportation (IDOT)

Steve Travia, Bureau Chief of Traffic

Phone: (847) 705-4612

Utility Agencies

ComEd Electric

Frank Perez

E-mail:

francisco.perez@exeloncorp.com

Phone: (630) 576-7090

Cell: (708) 227-6914

AT&T

Bob Elsigna

E-mail: re7854@att.com

Phone: (630) 573-5661

Comcast

Chris Baker

E-mail: chris_baker@cable.comcast.com

Phone: (630) 288-7637

NICOR Gas

Bob Graham

Phone: (630) 918-0265

E-mail: rgraham@nicor.com

J.U.L.I.E.

Joint Utility Location Info
for Excavators

(800) 892-0123 or Dial 811

Emergency Service Responders

Orland Park Police Department

Jerry Hughes

15100 S. Ravinia Avenue

Orland Park, IL 60462

Non-emergency: (708) 349-4111

Phone: (708) 364-8198

E-mail: jhughes@orland-park.il.us

Orland Fire Protection District

Daniel Smith, Battalion Chief

9788 West 151st Street

Orland Park, IL 60462

E-mail: d.smith@orlandfire.org

Phone: (708) 349-0074

Cell: (708) 349-0074

Project Manual & Emergency Communication Plan
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143rd Street & Lagrange Road
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Local Hospitals

Ambulatory, Emergency Room & Hospital Services will be coordinated by the Fire Departments. The list below is provided for reference only.

Palos Community Hospital

12251 S. 80th Avenue
Palos Heights, IL 60463
Phone: (708) 923-4000

Advocate Christ Medical Center

4440 W 95th St
Oak Lawn, IL 60453
Phone: (708) 684-8000

Oak Forest Hospital

15900 S. Cicero Ave
Oak Forest, IL 60452
Phone: (708) 687-7200

Local Schools

Carl Sandburg High School

13300 S. LaGrange Rd
Orland Park, IL 60462
Phone: (708) 671-3100

Orland School District 135

15100 S. 94th Avenue
Orland Park, IL 60462
Phone: (708) 349-5707

High School District 230

15100 S. 94th Avenue
Orland Park, IL 60462
Phone: (708) 745-5203

Park School – Elementary

9960 W. 143rd
Orland Park, IL 60462
Phone: (708) 364-4840

High Point School - Elementary

14825 West Avenue
Orland Park, IL 60462
Phone: (708) 364-4400

Prairie School - Elementary

14200 S. 82nd Avenue
Orland Park, IL 60462
Phone: (708) 364-4840

Orland Junior High School

14855 West Avenue
Orland Park, IL 60462
Phone: (708) 364-4200

St. Michael Catholic School

14355 S. Highland Avenue
Orland Park, IL 60462
Phone: (708) 349-0068

Regional Public Transportation Services

Metra

547 W. Jackson Blvd.
Chicago, IL 60661
Phone: (312) 322-6900

PACE Suburban Bus Service

550 W. Algonquin Rd.
Arlington Heights, IL 60005
Phone: (847) 364-PACE (7223)