## STATE OF DELAWARE

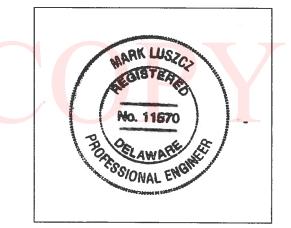
## **DEPARTMENT OF TRANSPORTATION**



TRAFFIC SECTION

**SPECIFICATIONS FOR** 

DOT 1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE



**RECOMMENDED:** 

Assistant Chief Traffic Engineer



**APPROVED:** 

Chief Traffic Engineer

#### **CONTRACT DESCRIPTION**

This contract is to provide the material, equipment and labor for the maintenance and alteration of signalized intersections, signal coordination systems, pedestrian signals, and other traffic components or devices statewide. The work includes both on-call emergencies and maintenance repairs. The specific work sites are not listed herein, but will be assigned as available by the Delaware Department of Transportation Traffic Section. Most assigned tasks are anticipated to be completed within one Working Day.

This is a non-exclusive contract. Although the Contract may include tasks in all three counties of Delaware, other Contractors may be performing work related to Traffic Signals and other facilities operated and maintained by DelDOT's Traffic Division. Such work by others is not associated with this contract.

#### PROJECT NOTES

### 1. <u>STANDARDS</u>

2.

All work will be done in accordance with the Delaware Department of Transportation Standard Specifications for Road and Bridge Construction, dated August 2001, as amended by the Supplemental Specifications; Standard Construction Details including all revisions up to the date of advertisement; Project Specific Plan Details; the Special Provisions; the most current edition of the Delaware MUTCD; and any plans included in specific work orders. If during the course of the Contract, changes to the standards are made and are to be implemented on this Contract, the Department will send the changes to the Contractor in advance of requiring their use.

CONTRACTOR REQUIREMENTS

A. Master Electrician Special

The Contractor shall provide a Delaware-licensed Master Electrician Special, who shall be qualified to direct work near energized primary circuits up to 34 KV and who shall be directly responsible for the workmanship as provided in Title 24, Chapter 14 of the Delaware Code. This Master Electrician - Special shall certify all of the work performed. The name, qualifications, and copy of the license shall be submitted and approved by the Engineer prior to beginning work on the contract.

#### B. Point of Contact

Upon award of the contract, the Contractor shall submit to the Engineer the name of a principle point of contact for the project including home and cell telephone numbers and/or pager number.

#### C. Deployment of Multiple Crews

Contractor crews may be required to be deployed to perform work at multiple work sites throughout the state simultaneously. The work locations and number of crews to be deployed shall be coordinated with the Engineer on a weekly basis.

#### D. Crew Composition

A crew shall consist of a foreman who is a Journeyman Electrician and/or has a minimum five years of experience in related work and sufficient personnel to complete the work, unless an exception is granted in writing by the Engineer. The minimum size of any crew is two people. A loop installation crew and a restoration crew do not need a Journeyman Electrician or someone with five years of experience as the foreman. Crews for aerial work must have a Journeyman Electrician as the foreman. Names and qualifications of all proposed Journeyman Electricians shall be submitted for approval prior to beginning work on the contract.

#### E.

#### Contractor's Equipment and Resources

The Contractor shall provide a complete list of equipment and materials that will be available to perform the tasks outlined in this contract. All self-propelled equipment and vehicles shall be identified with the Contractor's company name, location of home office (city and state), phone number, and the electrical registration number of Licensed Master Electrician Special. This shall include any leased or rented equipment or vehicle that is in use for this contract for 14 or more continuous calendar days. Said information shall be visible on 2 (two) opposing sides of the equipment or vehicle. All equipment assigned to the contract shall be equipped with safety devices meeting the requirements of the Delaware MUTCD. The Contractor must have the capability of providing as many as 4 each bucket and/or line trucks concurrently if required at large intersections, such as those involving a suspended box span.

The Department reserves the right to inspect the Contractor's facilities, equipment, materials, and resources that will be available to perform the

tasks outlined in this contract. The Department shall provide the Contractor with notification a minimum of seven (7) days prior to such an inspection.

F. Applicable Standards

All work performed under this contract shall comply with all applicable National Electrical Code, National Electrical Safety Code and industry and Bellcore standards to the extent not precluded by these specifications. Construction methods and techniques used by the Contractor shall be in accordance with the recommended practices and procedures published by leading industry manufacturers and trade associations, such as Bellcore Blue Book of Construction Practices.

The Contractor shall also follow all applicable local laws and standards. The Contractor shall be aware of all standards and their application within Delaware. Ignorance or lack of knowledge shall not be an excuse for improper work to occur. Any work constructed in violation of any applicable code shall be corrected and re-installed properly at the Contractor's expense.

### **BIDDING PROCEDURE AND CONTRACT AWARD**

The Delaware Department of Transportation will accept bids on Contract No. DOT1217 - TRAFFICMAINT. The Department may award contracts to multiple contractors, based upon the lowest responsive, responsible bids received for the contract.

## CONTRACT TERM

3.

4.

This contract duration shall be a period of one year from date of the Initial Notice to Proceed with the option to be extended for four (4) additional one-year periods. Each such one-year extension must be approved by both parties in writing at least 60 days prior to expiration of the existing contract. The Performance Bond shall be submitted with the contract execution and shall be subject to renewal for extension periods. Failure on the part of the contractor to submit the Performance Bond for the extension period prior to the last working day before end of the previous period shall result in the contract being cancelled.

It shall be the contractor's responsibility to obtain the forms necessary to renew the Performance Bond each year the contract is in force.

### 5. PRICE ADJUSTMENT

Extension to future years is dependent on legislative appropriations for these Fiscal Years and agreement on succeeding year's pricing as described herein. The bid prices in the contract must be guaranteed for the first year of the contract. In future year contract extensions the contractor may request an increase in unit prices. The contractor shall be required to request any price increases prior to the extension of the contract. The bid prices in the contract extension shall be guaranteed for the period of the contract extension. If the difference requested exceeds the change in the Nationwide All Urban Consumer Price Index (CPI-U), U.S. city average for the same period, approval of any price adjustment offered the contractor above the CPI-U will be at the discretion of the Engineer. The Department retains the right to cancel the future year extension if an acceptable agreement cannot be reached with the contractor on the price adjustment.

#### ALTERATIONS IN QUANTITIES

The quantities given in the proposal are approximate only, and will be the basis for comparing bids. Depending on fund availability, the Department reserves the right to increase or decrease the quantities of any and all items specified in this contract. Such additions or deletions shall not be cause for an increase or decrease in any contract unit bid prices, regardless of whether or not an item is classified as a "Major Item" (10% of the total contract value) as defined in Standard Specification 101.46. Negotiated prices will be the preferred method of establishing payment for new items added to the contract. Force Account payment, per Standard Specification 109.04 may be utilized if negotiated prices prove to be unsuccessful. Negotiated prices for new unit items will remain in effect for the original term of the contract, but will be eligible for renegotiation if the contract is extended (see "Price Adjustment" above).

## ASSIGNMENT OF WORK

Work will be assigned to the Contractor on a work order basis by the Department. All work order assignments will be at the discretion of the Engineer. Issuance of each work order constitutes the notice to proceed with the work described on the work order. Actual work shall begin on each task no later than seven (7) Calendar Days following assignment of the task.

The Engineer shall establish the location of the work sites, and the order in which the work sites are to be pursued. The Department may direct the Contractor to suspend work at a particular location and reassign crews due to emergencies or other high priority work at no additional cost to the Engineer.

7.

6.

### 8. LIQUIDATED DAMAGES

Liquidated damages as defined in Sections 108.08 and 108.09 of the Standard Specifications will not be assessed on this contract. However, failure of the Contractor to begin work assignments within the 7 Calendar Day timeframe listed in Item 7 above, or failure to diligently pursue work assignments, may result in DelDOT crews performing the work with those itemized costs deducted by use of a negative change order from payments due the Contractor.

If applicable, verification of non-availability of materials from at least three (3) independent sources shall be supplied by the Contractor in writing to the ITS Maintenance Supervisor immediately after the receipt of a work order or at such time as they are notified that anticipated materials will not be available as scheduled. If there is a verified non-availability of materials, no penalty shall be assessed unless the Contractor fails to complete the revised work order in a timely manner.

#### 9. PROSECUTION AND PROGRESS OF WORK

Work assignments will be issued to the Contractor in the form of a letter along with all necessary sketches, engineering drawings and any additional special provisions required. At times, depending upon the nature and complexity of the work assignments, field meetings may be necessary at certain site locations.

The Contractor shall have sufficient work forces and Bid Item materials in stock to perform any issued assignment.

### 10. EMERGENCY WORK

Emergency services must be available 24 hours per day 7 days per week without exception during the period of this contract. The Contractor shall have continuously available a work crew and at least one pole line vehicle capable of setting the largest pole required by this contract and one separate aerial vehicle capable of lifting 2 workers and their tools to the working height of that pole in each area. The Contractor shall have under his control a reasonable inventory of materials normally supplied under the terms of this contract for immediate use under this provision. Should the Contractor fail to provide the crews, equipment, and materials required under this provision within 180 minutes, DelDOT crews may perform the work with those itemized costs deducted by use of a negative change order from payments due the Contractor. All pay items that are not "supply only" and that are used for after-hours emergency work will be allowed a 15% surcharge.

## 11. NIGHT WORK

The Department may require Night Work to minimize traffic conflicts on some work sites. The Contractor should anticipate night time operations being required for work above, or affecting traffic lanes on multi-lane, high volume locations. All pay items which are not "furnish only" that are used for Night Work shall be allowed a 15% surcharge. Type I and Type II truck mounted attenuators, plastic drums, temporary barricades Type III, temporary warning signs, message boards, arrow panels, and portable light assemblies shall be paid under separate items in this contract for their use and shall not be subject to the 15% surcharge for night work.

Night work shall be defined as work being performed from the hours of 8:00 p.m. to 6:00 a.m.

Construction work started prior to night work hours that carries over into those hours shall not be paid as night work unless authorized by the Engineer in writing before work is started.

## 12. INSPECTION AND PROJECT CONTROL

Upon the completion of each individual work assignment, the foreman and inspector shall reconcile the quantities of work completed.

Method for Contractor's Invoice Submission – All work for this contract will be paid per assignment upon receipt of an invoice from the contractor in accordance with the following schedule:

The contractor will submit one invoice per work assignment at the completion of the assignment.

All invoices shall contain the following information. Failure to include any of the information on the invoice may result in the invoice being returned to the contractor.

- Contractor name, address and federal ID number.
- Project location, Department contract and/or Federal Aid contract numbers.
- Invoice number and date.
- Inspector Daily Report (IDR)
- Material Certifications, Source of Supply and Bill of Lading
- The following statement:

In accordance with Chapter 8, Title 17 of the Delaware Code (Annotated Revised 1974, and as amended), the undersigned contractor certifies that payment to all Subcontractors and/or suppliers has been made as required and as detailed on the "Proof of Payment" form (CN-91). It is understood that no subsequent payment will be made to the Contractor until the "Proof of Payment" form for the previous pay period has been submitted and received by DelDOT's DBE Office.

Title

Signature

Date

All invoices must be accompanied by the inspector's daily reports (IDR), all Material Certifications, Bill of Lading and source of supply for all materials used. Any discrepancy between measured quantities and contractor's quantities must be resolved prior to submitting an invoice for payment.

The contractor may request an exception to this policy in writing to the project engineer due to circumstances beyond his control such as project shutdowns and/or revisions.

## 13. MAINTENANCE OF TRAFFIC

The only payment for maintenance of traffic shall be the separate pay items identified in the bid tabs. No separate payment will be made for the use of traffic cones. Traffic cones and/or the work associated with their use, such as set up, removal, cleaning, etc. shall be incidental to the work for which they protect.

For those items that are paid on an Each-Day basis, only one such payment will be made per day per unit, even if the item is used in multiple work sites or work orders in the same day. This applies to items such as plastic drums and truck mounted attenuators, but is not limited to these items.

Work hours may be restricted on some work orders as dictated by traffic volumes and/or roadway conditions.

All traffic control devices shall be in new or refurbished condition, shall comply with the Delaware MUTCD and with NCHRP Report 350 or MASH and shall be approved by the Engineer before installation. Traffic control devices shall be maintained in good condition for the duration of use.

The Contractor shall maintain vehicular, bicycle and pedestrian traffic through the project's work zones in a manner that will reasonably provide the least practicable obstruction to all road users and provide paths for all road users, including, but not limited to, the passage through the work zone of persons with disabilities in accordance with the Americans with Disabilities Act of 1990 (ADA) Title II, paragraph 35.130.

The project manager shall be responsible for coordinating with the Traffic Section relating to any impacts to Traffic Section facilities (including but not limited to traffic loops, junction wells etc.) at least 4 weeks in advance of the start of the activity. Prior to initiating any work on this contract (or sites), the Project Manager shall be responsible for preparing and submitting for approval of the Safety Section, a Maintenance of Traffic Plan. Sufficient time shall be provided for the review and approval of the plan. The Maintenance of Traffic Plan shall include proposed time restrictions on the closure of travel lanes subject to the approval of the Safety Section.

The Project Manager is responsible for ensuring any required documents and analysis as part of the adopted Work Zone Safety and Mobility Procedures and Guidelines has been completed prior to any work starting on this contract.

## 14. <u>BASIS OF PAYMENT</u>

The Contractor may bill the Department when the work order is completed. Payment will be issued to the Contractor monthly on a mutually agreed upon date.

Payment of said invoice shall not relieve the Contractor from obligations incurred in warranting the quality of the workmanship and materials, or for restoration at the work site. A One Year Warranty on all materials, installation, and workmanship will be in effect for each work location starting on the acceptance date of each individual location. Specific work items may carry a longer Warranty Period. In these cases, the longer of one year or the otherwise specified warranty period will govern for those particular items. The Contractor shall provide contact information for an employee responsible for arranging any warranty work during the one year period. Any repairs required during the warranty period, including Maintenance of Traffic Items, shall be provided at no additional cost to the Department. Should any emergency repairs be required during the warranty period to work that was originally performed under this contract, contact will immediately be made with the Contractor and a response to the site of the emergency must be made within 3 hours of the time of contact. Should the Contractor be unable to respond to the emergency within the 3 hour timeframe, then the Department will pursue other means to make the repairs and deduct the costs from the Contract by means of a "negative" change order. Final acceptance as evidenced in writing after the completion of the entire contract or at such time as practical determination of the quality of the workmanship and materials can be made by the Engineer, will be necessary before any bonds or parts of bonds will be released.

### 15. <u>ELECTRICAL TESTING BY DELDOT</u>

The Contractor is advised that DelDOT may, at their discretion, perform independent electrical testing of the highway lighting system, signal system, and/or related electrical work items.

The Intelligent transportation system (ITS) is comprised of all Contract items for traffic control devices including but not limited to, conduits, junction wells, cables, load centers, transformers, cabinet pads, pole bases, poles, signal heads, pedestrian heads, and service installations.

The ITS will be considered defective if any of the following conditions are discovered by visual inspection or by inspection with testing equipment within the warranty period:

- 1. Defective lamps, LED's, or ballasts
- 2. Failure to operate, in whole or in part.
- 3. Power wire grounding less than ten megaohms.
- 4. Shifts in pole and/or foundation alignment.
- 5. Short circuits or open circuits anywhere within the system.
- 6. Deterioration of finishes, plating, or paint not normal and customary in the environment in which the equipment is installed.
- 7. Settlement of trench backfill.
- 8. Defective fuses.
- 9. Defective or improperly installed splices.

These conditions listed shall not be considered all inclusive.

The Department reserves the right to conduct initial and periodic ITS inspections after the Contractor has completed work. The initial inspection will be to determine if initial performance requirements are met. Periodic reviews may be conducted through the warranty period to determine the sustained ability of the system to meet the stated performance requirements.

All defective areas identified by the Department during initial or periodic inspections shall be documented and the information will be shared with the Contractor. Necessary repairs or replacements shall be made by the Contractor at no additional cost to DelDOT. All ITS repairs shall begin immediately following the notice to the Contractor of the defect unless weather limitations prevent the corrective work. The Department shall be given notification before the Contractor begins corrective work and shall be allowed full access to the areas being repaired.

When requirements, responsibilities, and furnishing of materials are outlined in the details and notes on the Plans and in the paragraphs preceding the "Basis of Payment" paragraph in the Standard Specifications or Special Provisions, no interpretation shall be made that such stipulations are excluded because reiteration is not made in the "Basis of Payment" paragraph.

## 16. <u>GENERAL WORK ELEMENTS</u>

C.

- A. Backfill in trenches, around forms and junctions wells, or at any other place shall be completed thoroughly, using a power tamper, in lifts of not more than 8 inches loose measurement as it is being placed, in accordance with Standard Specification Subsection 202.05 (c). Any paving material or fill removed for trenching shall be replaced in kind.
- B. At the Contractor's expense, all holes and trenches shall be protected from accidental entry by vehicles and pedestrians with steel plates or other approved materials as required by the Engineer. Should the Contractor fail to provide adequate protection to the surroundings of a work site or should the operations be carried out in such a way as to allow or cause damage to any roadway, street, sidewalk, the property of any utility, or other private or public property, and should the repair not be undertaken in a timely manner, then it may be necessary for the Department to protect the area and/or make the repair. If so, the cost shall be deducted from monies due the Contractor.
  - All concrete, including pole bases and cabinet bases, shall be finished to match any adjacent concrete. If no match is required, the surface area shall be broom finished and edged.
- D. No ground rod shall be driven into earth without a proper protective cap to prevent damage to the threads. If the threaded end of the sectional ground rod is damaged, it will be replaced at the expense of the Contractor.
- E. Material substitutions must be submitted in writing to the Engineer at least 10 calendar days prior to use in order to allow time for review and approval by the Engineer. Faxes or e-mails are not acceptable methods of submission. A scanned, signed letter in "pdf format" will be acceptable.
- F. Work within waters/wetlands shall not begin on locations requiring environmental permits until all applicable permits have been obtained by the Department.
- G. Traffic signal loops shall be installed within one week of receipt of work order unless otherwise directed by the Engineer.
- H. If seeding is required for restoration of a work area, the cost shall be incidental to Item 732004, Topsoil. If topsoil is not required, the cost of seeding shall be incidental to the item requiring restoration.

I. Signal heads, pedestrian signal indications, and signs that are in place, but not in service, shall be entirely covered with opaque burlap with costs incidental to the various maintenance of traffic items.

## 17. MATERIALS

#### A. Damaged

Once the Department transfers material or equipment to the Contractor, any damage to or loss of that material or equipment which occurs from handling or transport, or from any other source or way, shall be the sole responsibility of the Contractor and the value thereof shall be deducted from any monies due the Contractor.

### B. Supplied By or Returned To the Department

The Department's Sign Shop, 14 Sign Shop Road, Dover, DE 19901, and/or the Department's Canal District Shop, 250 Bear-Christiana Road, Bear, DE 19701 are the sites where items to be supplied by the Department are available and where items to be returned are to be delivered. Any reference in the Plans or Special Provisions to the Dover Sign Shop shall, for this contract, mean either the Dover Sign Shop or the Canal District Shop according to the direction provided by the Engineer.

C. Supplied By the Contractor

All materials supplied by the Contractor shall be new and unused and, where applicable, all materials and equipment supplied shall be UL approved. Catalog cuts and/or shop drawings shall accompany all requests for material source approval. 6 sets of such requests shall be sent to DelDOT's Traffic Sign Shop (att'n ITS Maintenance Manager). Following initial review by Traffic, 5 sets of the submittal will be forwarded to DelDOT's Materials and Research Section for final approval. Following their review and approval, 2 sets will be returned to the Contractor, one set will be retained by Materials and Research, and 2 sets will be returned to DelDOT's Traffic Sign Shop. If more approved copies are desired, the Contractor may elect to submit extras for review.

### D. Transportation

Materials and/or equipment shall be transported in a legal fashion and shall be protected from damage or loss.

## 18. EROSION AND SEDIMENT CONTROL

The provisions of Section 110 of the Standard Specifications on erosion and sediment control apply to this contract. Those areas that have been disturbed for signal work shall be restored immediately after the ground disturbing portion of the work has been completed. Restoration of long runs of conduit for fiber optic installation shall be restored at the end of each work day. Silt fences will not be required.

## **19. <u><b>RIGHT OF WAY**</u>

It is anticipated that all work will occur within DelDOT's existing right of way or easement areas. Should the need occur to trespass onto private property; it will be the responsibility of the Project manager to secure such trespass needs.

It is anticipated that all work will occur within DelDOT's right of way. Should the need occur to trespass onto railroad property, including the highway-rail crossing; it will be the responsibility of the project manager to contact the railroad chief engineer and obtain written authorization before entering.

The Contractor shall give a one (1) week notice to the Property Owner when any fixture, shrub, or other object must be removed from the Right of Way or Easement area. If the Owner has not attempted to salvage this property, the Contractor shall remove it without obligation. Compensation shall be incidental to the Contract.

## 20. ENVIRONMENTAL

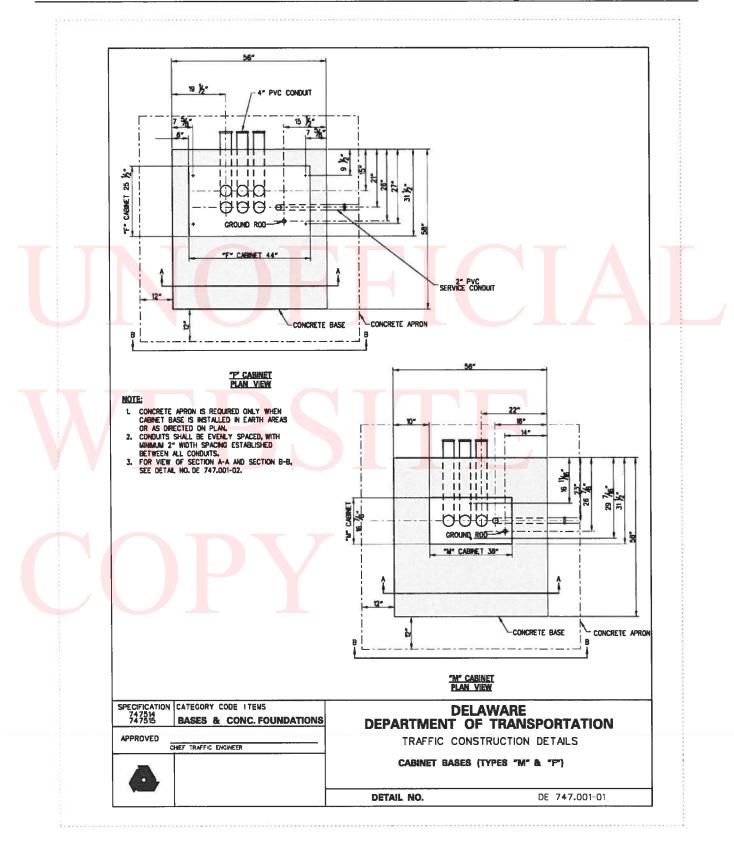
No Environmental Permits are required for this work provided no jurisdictional wetlands or waters are impacted. If there is any question as to whether or not a water or wetland is jurisdictional, contact the DelDOT Environmental Section at 302-760-2264.

## 21. <u>UTILITIES</u>

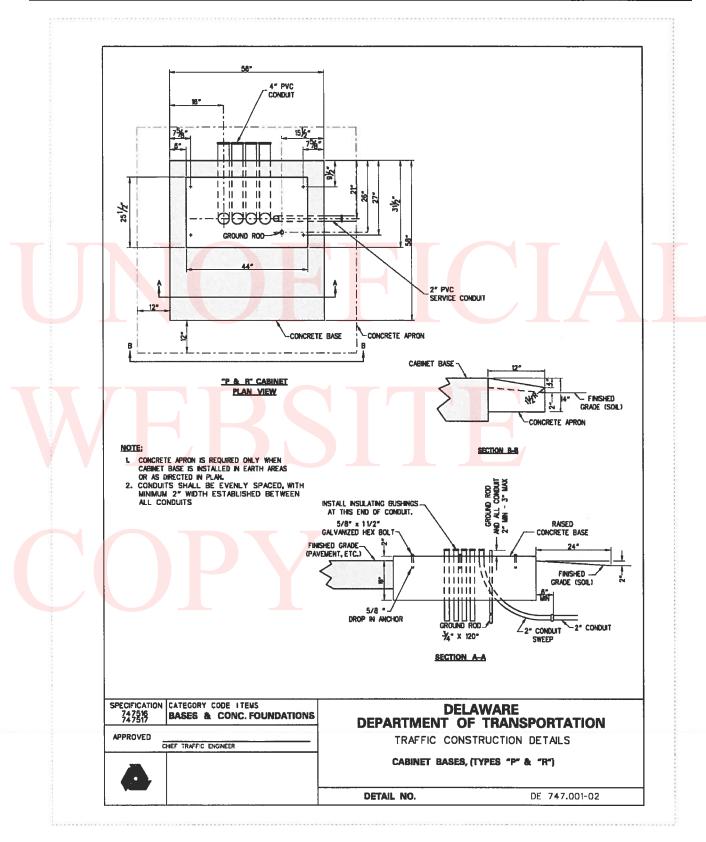
No Utility relocation involvement is anticipated. Should any conflicts be encountered during construction requiring adjustment and/or relocation of the agencies' existing facilities, the necessary relocation work shall be accomplished by the respective agencies' forces, as directed by the Engineer. Any adjustments and/or relocations of Municipally Owned facilities shall be done by the State's Contractor in accordance with the respective agencies' Standard Specifications as directed by the Engineer.

## Contract No. DOT1217 – TRAFFMAINT Traffic Section

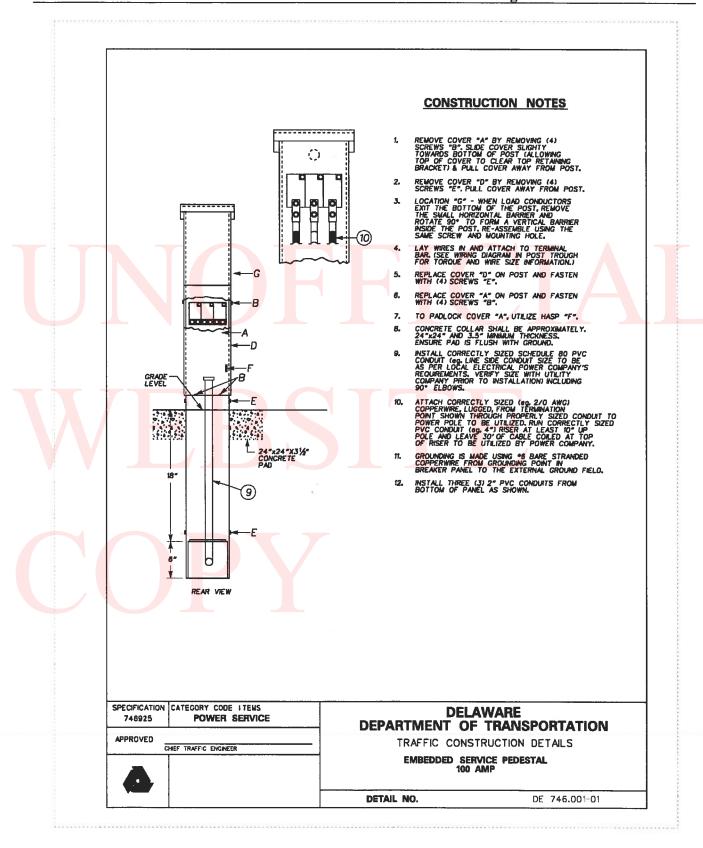
#### DELAWARE DEPARTMENT OF TRANSPORTATION – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Page 14 of 54



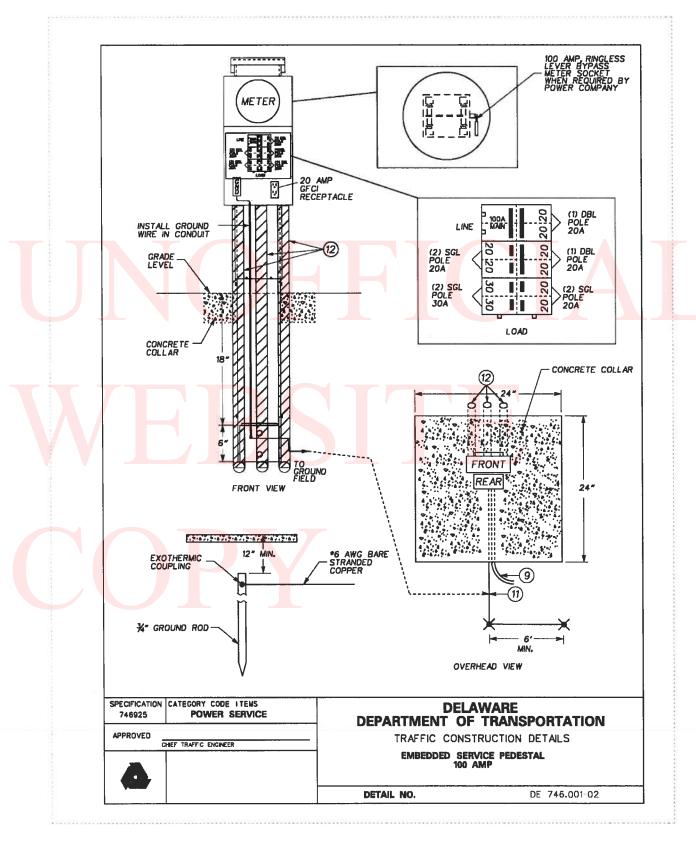
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 15 of 54



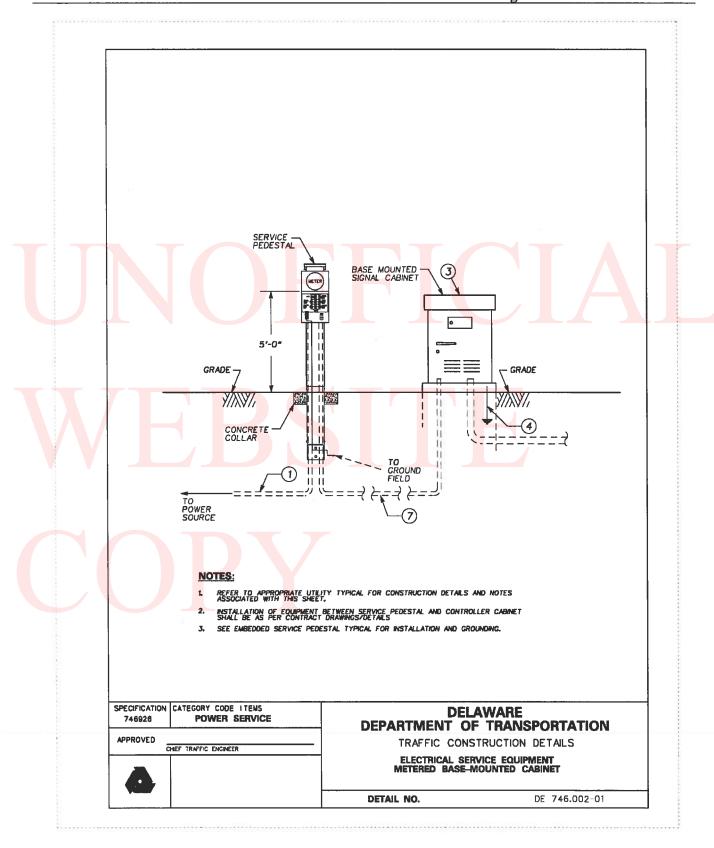
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 16 of 54



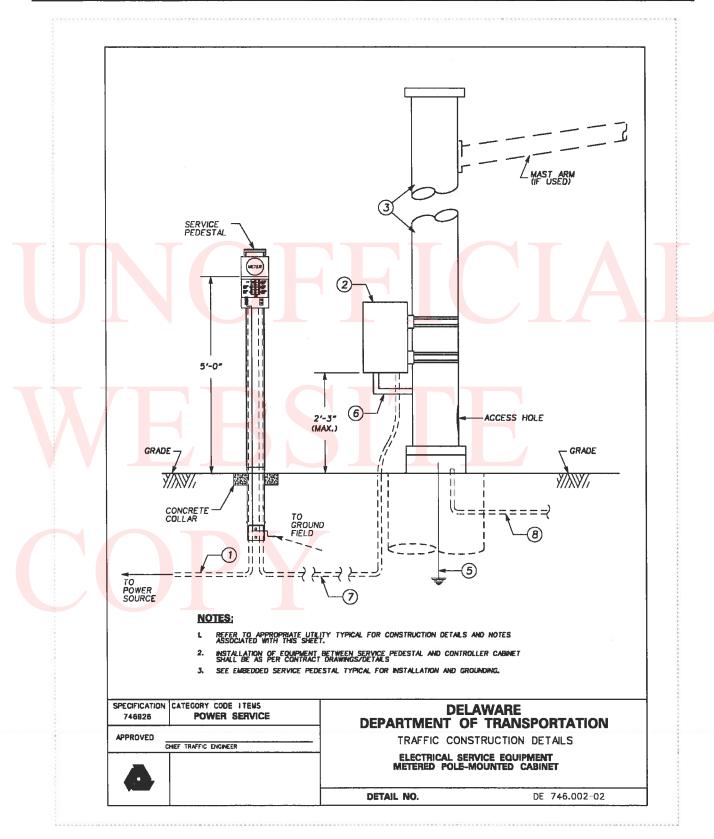
# DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 17 of 54



#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 18 of 54



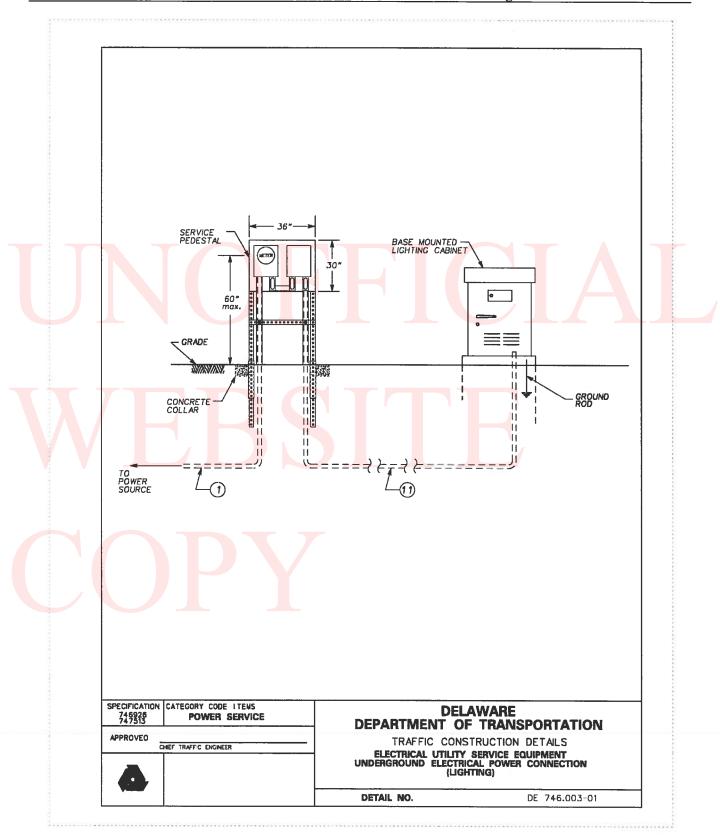
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 19 of 54



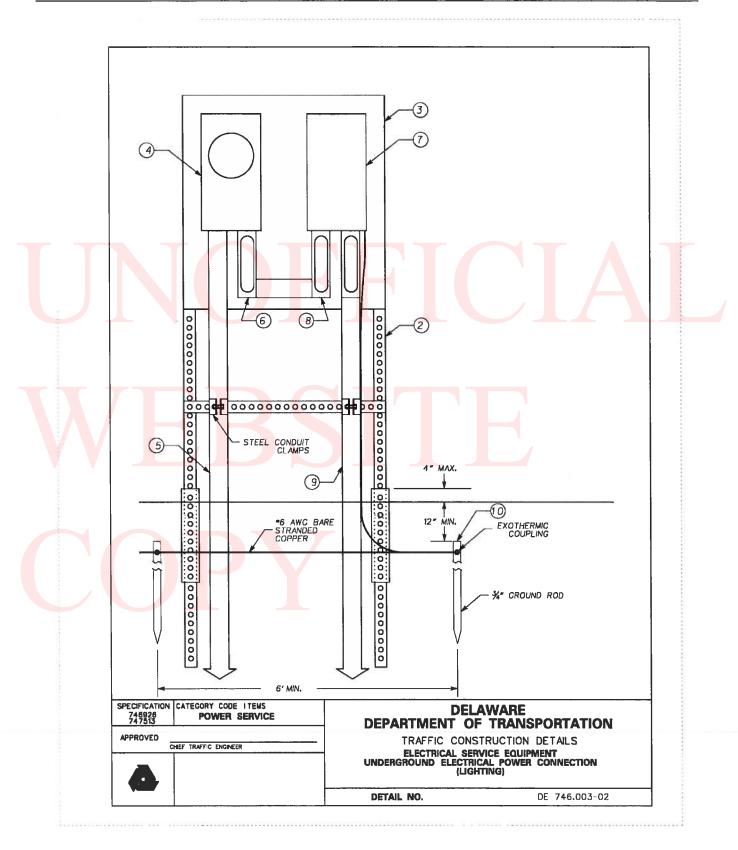
# DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 - TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 20 of 54

CONTROLLER CADNET GROUNDING BUSHING ON THE CONTROLLER CADNET BOTTOM TO THE STEEL POLE GROUNDING LUG TO THE GROUNDING TOD GROUNDING CLAMPS TO THE CONDUIT TO THE KREST JUNCTION WELL GROUND LOG CLAMP. 6. 3" "LB" CONDUIT BODY MOUNTED ONTO 3" COUPLING ON STEEL POLE, PLACE 3" GALVANZED STEEL RIGD CONDUIT NIPPLES ON BOTH "LB" CONDUIT BODY ENDS, PLACE DOUBLE LOCK NUTS ON NIPPLE END ENTERING THE CONTROLLER CADNET BOTTOM FOLLOWED BY AN INSULATED BONDING BUSHING. 7. USE DIRECT CONDUIT FROM SERVICE PEDESTAL TO CONTROLLER CADNET FOR SERVICE PEDESTAL TO CONTROLLER CADNET FOR SERVICE PEDESTAL. 8. USE DIRECT CONDUIT FROM STELL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION. 8. USE DIRECT CONDUCTOR INSTALLATION. 8. USE DIRECT CONDUCTOR INSTALLATION. 8. USE DIRECT CONDUCTOR INSTALLATION. 9. DEEDING CONDUCTOR INSTALLATION. 9. DEEDING CONDUCTOR INSTALLATION. 9. DEEDING CONDUCTOR INSTALLATION. 9. DEEDING SCIENCE THE SERVICE 9. DEEDING SCIENCE SERVICE SERVICE PEDESTAL TO DOCUMENTS. 9. DEEDING CONDUCTOR INSTALLATION. 9. DEEDING CONDUCTOR INSTALLATION. 9. DEEDING SCIENCE TO JUNCTION WELL 9. DELAWARE					
<ul> <li>POIRER COMPARY FURNISES AND ASTALLS</li> <li>I MEDRICOMONE LICENC SERVICE FEED INECTION TO THE EXEMPTION FOR LICENCE OF ANY MEDICATION APPLED. AND AN MORGANE COMPARY 57 OR UTAS STRUCT FEED INSTALLATION.</li> <li>CONTRACTOR FUNNISES MUDIOR INSTALLS</li> <li>CONTRACTOR FUNNISES MUDIOR INSTALLS</li> <li>CONTRACTOR FUNNISES MUDIOR INSTALLS</li> <li>CONTRACTOR FUNNISES MUDIOR INSTALLS</li> <li>BODONES FEED FUNNISES MUDIOR INSTALLS</li> <li>BODONES FEED FUNNISES MUDIOR INSTALLS</li> <li>CONTRACTOR FUNNISES MUDIOR INSTALLS</li> <li>STALL SE WIDE FOR CONTRACTOR CLAMPS TO THE CONTRACTOR INSTALLS</li> <li>STALL SE WIDE FOR CONTRACTOR CLAMPS TO THE CONTRACTOR INFORMATION IN THE SERVICE FEED FORM THE SERVICE FEED FORM IN THE CONTRACTOR INFORMATION IN THE SERVICE FEED FORM IN THE CONTRACTOR INFORMATION IN THE SERVICE FEED FORM IN THE CONTRACTOR IN THE CONTRACTOR INFORMATION INFORMATION INFORMATION IN THE SERVICE FEED FORM IN THE CONTRACTOR INFORMATION INFO</li></ul>					
CONTRACTOR SUML REER TO THE CONTRACT. DOUBLETING SUMMER STRUKT NOT THE CONTRACT. 9. POLE MONTRE SURVICE FEED NSTALLATION. 9. POLE MONTRE SURVICE FEED NSTALLATION. 9. POLE MONTRE SURVICE FEED NSTALLATION. 9. STRUE LEADNEED BAND TO POLE WITH TWO (2)- % WOTH, ADD' THE'S STRUE CONTRAUOUS 'S ANG SUBSE FER TRUBUNGED BANDET. 9. STRUE STRUESED BANDET. 9. STRUESED STELL ROOD COMPER WIRE ANN THROUGH ACH OF THE SERVICE POESTIA. GROUND ROD CLAWS TO 10. SERVICE POESTIA. GROUND ROD CONSTANCE. 10. SERVICE POESTIA. GROUND ROD CON			CONDUIT ENDS SHALL BE CLEANED OF ANY RESIDU	WIRE BRUSHED, IE, AND AN INORGANIC	
ELECTRC SERVICE FEED NATURALISTON. CONTRACTOR FURNISES AND/OR INSTALLES 2. POLE WORKED BAND TO POLE WITH TWO (2)- EMOSS FOR TURNISES AND/OR INSTALLES 3. STELL POLE 3. STELL POLE 4. BONDING SMALL BE BY A SINCLE CONTINUOUS 16 AND EMOS FOR TURNISES STELL EMOST DE CONTROLLER CONTINUOUS 16 AND EMOS FOR TURNISES STELL EMOST DE CONTROLLER CONTINUOUS 16 AND EMOS FOR TURNISES STELL COVER BOLTS. 5. STELL POLE 5. BONDING SMALL BE BY A SINCLE CONTINUOUS 16 AND EMOS FOR TURNISES AND/OR DISCHOLURY LOG TO THE SERVICE FEEDESTAL REURIN, BAN TO THE CONTROLLER CONTROL BY COMPENTING COMPLEX THE CONTROLLER CARET GROUNDER GAN TO THE CONTROLLER CARET GROUNDE ROD CLARES TO THE SERVICE FEEDESTAL REURIN, BAN TO THE CONTROLLER CONTROL IS COMPER MIRE THAN THOUGH CACH OF THE SERVICE FEED STAL REURING COLLER CARET GROUNDE ROD CLARES TO THE SERVICE FEED FORM THE SHALL BOTO THE S.'' MORE MISLI ALE THE CONTROLLER CARET TO THE SERVICE FEED FORM THE SHALL BOTO THE S.'' MORE STANLE CONTROLLER CARET TO THE SERVICE FEED FORM TO THE STALL TO THE CONTROLLER CARET TO THE SERVICE FEED FORM TO THE STALL TO THE SERVICE FEED FORMER THE THE CONTROLLER CARET GROUNDE CONDUCTION BUSINES ON THE CONTROLLER CONTROL IS COMPER MIRE THAN THOUGH CACH OF THE SERVICE FEED FORMER TO BUSINES OTHER STALLE CONTROL DECOMPET TO THE SERVICE FEED FORMER TO COME TO THE SERVICE FEED FORMER TOR BUSINES OTHER STALLATION MELL FORMER TO CLARES TO THE SERVICE FEED FORMER MISS TO THE SERVICE FEED FORME TO THE SOUTH TO THE SERVICE FEED FORMER MISS TO THE SERVICE FORMER MISS TO THE SERV	CONTRACTOR SHALL REFER TO THE CONTRACT.				
<ul> <li>CONTRACTOR FURMISES AND/OR INSTALLS</li> <li>POLE MONTED BAND TO POLE WITH TWO (2)- % Wath, Q30" FURMISED BAND.TO FOLE WITH TWO (2)- % Wath, Q30" FURMISED BAND.TO FOLE WITH TWO (2)- % BANDS FOR TURNISED BAND.TO.</li> <li>STELE POLE.</li> <li>BODONG SMUL BE BY A SINCLE CONTINUOUS 14 AND BANE STANDED COPER INFR. THE THROUGH EACH OF THE SERVICE FORESTAL REUTRAL DAR TO THE CONTOLLER GROUNDE GANL BE BY A SINCLE CONTINUOUS 15 AND BERT STANDED COPER INFR. THROUGH EACH OF THE SERVICE FORESTAL REUTRAL DAR TO THE CONTOLLER GROUNDE GANL DE BY A SINCLE CONTINUOUS 15 AND GROUNDE GANL DE BY A SINCLE CONTINUOUS 15 AND SERVICE FORESTAL REUTRAL DAR TO THE CONTOLLER GROUNDE GANL DE BY A SINCLE CONTINUOUS 15 AND THE SERVICE FORESTAL REUTRAL DAR TO THE CONTOLLER CONCULT TO THE CONTOLLER CAMPET TO THE CONCULT TO THE CONTOLLER CAMPET TO THE CONCULT TO THE SERVICE FORESTAL ROUND ROD CLAMPS TO THE SERVICE FORE STALLATION AS FER CONTINUES BASEL SHOLE PHASE, 2 WIRE W IN RELITAL, B (PHASE) 3 PHASE, 4 WIRE W IN RELITALL BIONY ROUND RUSAND SERVICE WIRE RESTALLATION AS FER CONTRACT DOCUMENTS.</li> <li>BUSE DORT CONDUCTOR RISTALLATION.</li> </ul>		8.	INSULATED BONDING BUS	HINGS SHALL HAVE	
<ul> <li>2. POLE MONTED, BAND TO POLE WITH TWO (2) - WIDT, GOUT THACK STALLESS STELL BANDS FOR FURNISHED BRACKET.</li> <li>3. STEL POLE.</li> <li>4. BONDING SAUL DE BY A SINGLE CONTINUOUS * 6 ANG BANE STRANED COPPER WIRE RUN THROUGH EACH OF THE SERVICE PRESSTAL GROUND MOD CLAMPS TO THE SERVICE PRESSTAL GROUND ROD CLAMPS TO THE SERVICE PRESSTAL CONTINUOUS * 6 ANG BANE STRANED COPPER WIRE RUN THROUGH EACH OF WELTER CONTINUEL IF CLAMPT TO THE CONTINUEL GROUND ROD CLAMPS TO THE CONTINUEL ROUND THE SERVICE PRESSTAL RETITINA BAR TO THE CONTINUEL GROUND ROD CLAMPS TO THE CONTINUEL ROUND ROD CLAMPS TO THE SERVICE PRESSTAL GROUND ROD CLAMPS TO THE SERVICE PRESSTAL GROUND ROD CLAMPS TO THE SERVICE PRESSTAL RETITINA BAR TO THE CONTINUEL GROUND ROD CLAMPS TO THE CONTINUEL ROUND ROD CLAMPS TO THE SERVICE PRESSTAL RETITINA BAR TO THE CONTINUEL CONTINUE TO THE CONTINUEL GROUND ROD CLAMPS TO THE SERVICE PRESSTAL RETION WELL GROUND ROD CLAMPS TO THE SERVICE PRESSTAL RETION WELL GROUND LUE CLAMP.</li> <li>5. JO THE CONTINUE GROUND ROD CLAMPS TO THE SERVICE PRESSTAL RETION WELL GROUND LUE CLAMP.</li> <li>6. J' THE CONTINUE TO THE STEL POLE CONTINUED STELL PRESET AND TO THE STEL POLE CONTINUED LICE ADART TO RETION TO THE HAREST TAILATION WELL GROUND LUE CLAMP.</li> <li>6. J' THE CONTINUE ROU GROUND RE USE THE CONTINUE TO THE MAREST TAILETON WELL GROUND LUE CLAMP.</li> <li>7. USE ORGET CONDULT FROM SERVICE PRESSTIL TO COMPANE ON STELL FOLL PLACES TO CONTINUED STELL PRESST AND TO DOTHE STELL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR RESTALLATION.</li> <li>8. USE DRECT CONDULT FROM SERVICE PRESSTIL TO COMPANE CONSTEL TO RECOMPLE TO DIANNE CONDUCTOR MOT SERVICE WER MERT TO REGROUND CONCOURD TRAN SERVICE WER RESTALLATION. SERVICE PRESSTIL TO COMPANY CONDEL FOOL STELL POLE TO JUNCTION WELL PRESSTAL CONTINUES CONDUCTOR RESTALLATION.</li> <li>9. USE DRECT CONDULT FROM SERVICE PRESSTIL TO COMPANY CONDEL FOOL STELL POLE TO JUNCTION CONCOURDER TO SERVICE WER MERT AND SERVICE PRESSTIL TO COMPANY CONDEL FOO</li></ul>	CONTRACTOR FURNISHES AND/OR INSTALLS	-			
<ul> <li>BONDING SHALL BE BY A SINGLE CONTINUOUS *6 ANG BARE STRANGED COMPERTING RUN THRUICH EACH OF THE SERVICE PEDESTAL GROUND ROD CLAMPS TO THE CONDUIT TO THE CONTROLLER CARNET TO THE CONDUIT TO THE CONTROLLER CARNET TO THE CONTROLLER REAL OF THE CONTROLLER CARNET GROUND ROW CLAMPS TO THE GROUND ROD CLAMPS TO THE CONTROLLER CARNET TO THE CONDUIT TO THE CONTROLLER CARNET TO THE CONDUIT TO THE CONTROLLER CARNET GROUND CLAMPS TO THE CONDUIT TO THE CONTROLLER CARNET GROUND CLAMPS TO THE CONTROLLER CONTROLLER CARNET GROUND CLAMPS TO THE CONTROLLER CONTROLLER CARNET GROUND CLAMPS TO THE CONDUIT TO THE CONTROLLER CARNET BOTTOM FOLLOWED BY AN INSULATED BORDING BUSING.</li> <li>USE DRECT CONDULT FROM SERVICE PEDESTAL TO CONTROLLER CARNET FOR GROUND SERVICE ONTO 3" CONTROLLER CARNET FOR GROUND SERVICE PEDESTAL TO CONTROLLER CARNET FOR GROUND SERVICE PEDESTAL TO CONTROLLER CARNET FOR GROUND SERVICE PEDESTAL TO THE CONTROLLER CARNET FOR GROUND SERVICE PEDESTAL TO CONTROLLER CARNET FOR GROUND SERVICE PEDESTAL TO THE CONTROLLER CARNET FOR GROUND SERVICE PEDESTAL TO CONDENTS.</li> <li>USE DRECT CONDULT FROM SERVICE PEDESTAL TO THE CONTROLLER CARNET FOR STALLATION SERVICE PEDESTAL TO THE CONTROLLER CARNET FOR STALLATION SERVICE PEDESTAL TO CONDENTS.</li> <li>USE DRECT CONDULT FROM SERVICE PEDESTAL TO THE CARNET SERVICE PEDESTAL TO THE SERVICE PEDEST</li></ul>	∛" WIDTH, JOJO' THICK STANLESS STEEL BANDS PER FURNISHED BRACKET.	"	GALVANIZED STEEL RIGID CONDUIT SHALL BE CADMIUM PLATEO MALLEABLE IRON WITH NEOPRENE GASKETS, SHEET ALUMINUM COVERS		
BARE STRANGED COPPER WIRE RUN THROUGH EACH OF THE SERVICE PEDESTAL GROUNDANG LUE TO THE SERVICE PEDESTAL GROUNDANG LUE TO THE GROUND ROD CLAMP TO THE CONJUNCTION TO THE CONTROLLER CARRET TO THE CONJUNT TO THE CONTROLLER CARRET TO THE CONJUNCTION RESET AND TO THE CONTINUOUS "5 AND BARE STRANGED COPPER WIRE RUN THROUGH EACH OF THE SERVICE PEDESTAL GROUNDANG ROD CLAMPS TO THE GROUND ROB CLAMPS TO THE CONTINUES "5 AND GRAMET BOTTOM TO THE SERVICE CONTON THE CONTROLLER CONTROLLER CARRET GROUNDANG ROD CLAMPS TO THE GROUND ROD CLAMPS TO THE CONTINUES "5 AND GRAMET BOTTOM TO THE SERVICE PADE FROME CONTROLLER CARRET GROUNDANG GLAMPS TO THE CONTROLLER CONTROLLER CARRET GROUNDANG CLAMPS TO THE CONTOULT BOTY MOUNTED ONTO 3" CONTINUEL RODUEL LOCK AND CLAMPS TO THE CONTINUEL RODUEL LOCK AND CLAMPS TO SECONDEL FORM THE SERVICE PEDESTAL TO SECONDEL FORMER SERVICE PEDESTAL TO SECONDEL FORM THE SERVICE PEDESTAL TO SECONDEL FORMER SERVICE SERVICE SECONDEL FORMER SERVICE SERVICE SECONDEL FORMER SERVICE SERVICE SECONDEL FORMER SERVICE SERVICE SECONDEL FORM		۵.	GROUND ROD CLAMPS SH	HALL BE ONE PIECE CAST	
THE SERVICE PEDESTAL RETURAL BAR TO THE CONTROLLER GROUND ROD CLAWE TO THE CONTROLLER CASHET GROUND ROD CLAWE TO THE CONTROLLER CASH OF THE SERVICE PEDESTAL GROUND ROD CLAWPS TO THE SERVICE PEDESTAL MENTAL BAR TO THE CONTROLLER CASHET TO THE CONTROLLER CASHET TO THE CONTROLLER CONTROLLER CASHET TO THE CONTROLLER CONTROLLER CASHET FOR CASHET TO THE CONTROLLER CONTROLLER CONTROLLER CASHET TO THE CONTROLLER CONTROLLER CONTROLLER CASHET TO THE CONTROLLER CONTROLLER CASHET FOR CASHET TO THE CONTROLLER CONTROLLER CONTROL RECOVER CASHET TO THE CONTROLLER CONTROLLER CASHET FOR CASHET TO THE CONTROLLER CONTROLLER CASHET FOR CASHET TO THE CONTROLLER TO CONTROLLER CASHET FOR CONTROL DATO 3" CONTROLLER CONTROL RECOVER CASHET TO THE SERVICE WIRE RISTALLATION AS FER CONTRACT DOCLMENTS.         1. USE DRECT CONDUCTOR NESTALLATION.       15 PLASE ONDUCTOR NESTALLATION.         28FEDIFICATION FOR GROUNDING CONDUCTOR NESTALLATION.       21 PLASE, A WREE SERVICE WIRE RISTALLATION AS FER CONTRACT DOCUMENTS.         3. USE DRECT CONDUCTOR NESTALLATION.       21 SECONFLOTION CASHET SET LOCK ON UNITED DOTION WELL FOR GROUNDING CONDUCTOR NESTALLATION.	BARE STRANDED COPPER WIRE RUN THROUGH EACH OF			DRECT BURIAL	
COLORS WILL BE TO THE CONTROLLER CARRET GROUND ROD CLAWF TO THE CONTROLLER CARRET GROUND ROD CLAWF TO THE CONTROLLER CARRET GROUND ROD CLAWF TO THE CONTROLLER CARRET GROUND ROD SHALL BE BY A SINGLE CONTINUOUS "6 ANG BARE STRANCE PEDESTAL GROUND ROD CLAWPS TO THE SERVICE PEDESTAL AGROUND ROD CLAWPS TO THE GROUND ROD GRUINER COMPACE AGROUND TO THE CONTOLLER COMPTLE BOLAWING ROD GRUINER COMPACE AGROUND TO THE CONTOLLER CONTOLLER CONTOLLER CARRET TO THE CONTOLLER CONTOLLER CARRET TO THE CONTONLER COMPTLE BOLAWING FOR GROUND COAL AGROUND COAL SINCLE PHASE, 3 WRE W (NEUTRAL), B (PHASE) 3 PHASE, 4 WRE W (NEUTRAL), B (PHASE) 3 PHASE, 4 WRE W (NEUTRAL), B (PHASE) 10 THE MERREST MACTION WELL GROUND COAL ENTERNIC THE CONTOLLER CONTONLED ONTO 3" COMPTING ON STEEL POLE, PLACE 3" GL VANZED STEEL ROD COMPTINE RODY MOUNT BO ONT BO OST ENTERNIC THE CONTONLER CONTONLED ONTO 3" COMPTING ON STEEL POLE, PLACE 3" GL VANZED STEEL ROD COMPTINE ROME SCIENCE TO THE CONTROLLER CONTONLER CONTONLED ONTO 3" COMPTING ON STEEL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR NOT STEEL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR NESTALLATION. SERVICE WIRE RESTALLATION AS FEE CONTRACT DOCUMENTS. B. USE DRECT COMPUTER SERVICE PEDESTAL TO CARRET SCINDUCTOR NESTALLATION. SERVICE WIRE RESTALLATION AS FEE CONTRACT DOCUMENTS. B. USE DRECT COMPUTER SERVICE PEDESTAL TO SERVICE WIRE RESTALLATION AS FEE CONTRACT DOCUMENTS. B. USE DRECT COMPUTER SERVICE DOLMENT SERVICE PEDESTAL TO CARRET SERVICE PEDESTAL TO COMPUTER SERVICE PEDESTAL TO SERVICE WIRE RESTALLATION AS PER CONTRACT DUCTOR NESTA	THE SERVICE PEDESTAL GROUNDING LUG TO THE	ε.			
GROUND ROD CLAMP TO THE CONDUIT TO THE NEAREST JUNCTION WELL GROUND ROD CLAMP.     S. BONDING STALL BE BY A SINGLE CONTINUOUS *6 AING BAME STANLED COPPER YME RUN THROUND #ACH OF THE SERVICE PEDESTIA. GROUNDING DAL CLAMPS TO THE SERVICE PEDESTIA. GROUNDING ALAPS TO THE SERVICE PEDESTIA. GROUNDING AND TO THE CONDUIT TO THE CONTROLLER CLAMPS TO THE SERVICE PEDESTIA. REUTAL BAR TO THE 3* MPPLE INSLIATED BONDING BUSING ON THE CONTROLLER CONDUIT TO THE CONTROLLER CLAMPS TO THE CONTROLLER CONDUIT TO THE STELL POLE GROUNDING LAWF. S. 3* "LB" CONDUIT BODY MOUNTED DUTO 3* COMPLIE ON STELL POLE. CHAMP IS TO THE CONTROLLER ROD CONDUIT MERCIES ON BOTH "LB" CONDUCT BODY POLS PACET CONDUIT TODY MULL GROUND LUG CLAMP. S. 3* "LB" CONDUIT BODY MULL GROUND LUG CLAMP. S. 3* "LB" CONDUIT MERCIES ON BOTH "LB" CONTROLLER RODE CONDUIT MERCIES ON BOTH "LB" CONTROLLER RODE CONDUIT MERCIES ON BOTH "LB" CONDUCTOR AND SERVICE WIRE INSTALLATION SERVICE PEDESTAL TO CONTROLLER CLAMPET FOR GROUNDING GUARYISS. USE DRECT CONDUIT FROM SERVICE PEDESTAL TO CONTROLLER CLAMPS TO STRUCE PEDESTAL TO CONTROLLER CLAMPS TON SERVICE DOCUMENTS. USE DRECT CONDUIT FROM SERVICE PEDESTAL TO CONTROLLER CLAMPS SERVICE PEDESTAL TO CONTROLLER CLAMPS SERVICE PEDESTAL TO CONTROLLER CLAMPS SERVICE DOCUMENTS. USE DRECT CONDUIT FROM SERVICE DOCUMENTS. USE DRECT CONDUIT FROM SERVICE PEDESTAL TO CONTROLLER CLAMPS SERVICE DOUBLE DI YAN INSLATED BONDING CONDUCTOR NELL FOR GROUNDING CONDUCTOR INSTALLATION. SECOFFICATION CALECOMPY CODE I THEMS DOUBLER SERVICE DOUBLER SERVICE	TO THE CONTROLLER CABINET TO THE CONTROLLER				
<ul> <li>5. BONDING SHALL BE BY A SINGLE CONTINUOUS *6 AING BARE STRANGED COPPER WIRE RUN THROUGH EACH OF THE SERVICE PEDESTAL REQUINDING ROD CLAMPS TO THE SERVICE PEDESTAL REQUINDING ROD CLAMPS TO THE SERVICE PEDESTAL REQUINDING ROD CLAMPS TO THE SERVICE PEDESTAL REQUINDING CLAMPS TO THE CONTROLLER CABBLET POLE CROUNDING CLAMP.</li> <li>6. 3' "LB" CONDUIT TO THE STEEL POLE CROUNDING LUG CONT TO THE SERVICE PHASE JUNCTION WELL GROUND LUG CLAMP.</li> <li>7. JB" CONDUIT TOOT THE STEEL POLE CROUNDING LUG CONT TO THE REAL POLE CONTROLLER CABBLET FORTON WELL GROUND LUG CLAMP.</li> <li>8. JB" CONDUIT NEPLES ON BOTH "LB" CONTRACT BOOY ENDS FILL REAL CONDUIT TO THE SERVICE PROSE TO THE CONTROLLER CABBLET FORTON WELL GROUND LUG CLAMP.</li> <li>8. JB" CONDUIT NEPLES ON BOTH "LB" CONTROLLER CABBLET ROTTOM FOLLOWED STEEL RIGO CONDUIT NEPLES ON BOTH "LB" CONTROLLER CABBLET FORTON FOLLOWED STEEL RIGO CONDUIT NEEL GROUND OCTOR AND SERVICE WITE INSULATED BONDING CONDUCTOR MELL FOR GROUNDING CONDUCTOR INSTALLATION.</li> <li>9EECEFICATION CATEGORY CODE I TEMS DEVICE SERVICE</li> <li>SECHER SERVICE</li> <li>SECHER SERVICE</li> </ul>	GROUND ROD CLAMP TO THE CONDUIT TO THE				
<ul> <li>5. BONDING SHALL BE BY A SINCLE CONTINUOUS # AND BARE STRANDED COPPER WIRE RUN THROUGH EACH OF THE SERVICE FEDESTAL GROUND ROD CLAMPS TO THE SERVICE FEDESTAL GROUND ROD CLAMPS TO THE SERVICE FEDESTAL COUNTRAL BAR TO THE CONVINT TO THE CONTROLLER CABINET TO THE S. OWNER CABINET BONDING BUSHING ON THE CONTROLLER CONVINT TO THE CABINET FORTHE S. NUMBER INSULATED BONDING BUSHING ON THE CONTROLLER CABINET BOTTOM TO THE STELL POLE FOR COUNTING LUG TO THE GROUNDING COND GROUNDING CLAMPS TO THE CONDUT TO THE MERST JUNCTION TO THE CONTROLLER ROD CONDUCTION TO THE STELL POLE FOR COUNTING LUG TO THE GROUNDING CONDUCTED ONTO 3" CONTINUE ON STEEL POLE FOR COUNTIED ONTO 3" CONTINUE ON STEEL POLE FUNCE S' GALVANEED STELL ROD CONDUCT NEPLES GOUNDING CLAMPS TO THE CONDUT FONDS, RUACE DOUBLE LOCK NUTS ON INPRE END ENTERMS THE CONTROLLER CABINET BOTTOM FOLLOWED BY AN INSULATED BONDING BUSHING.</li> <li>7. USE DIRECT CONDULT FROM SERVICE PEDESTAL TO CONTROLLER CABINET FOR SERVICE FOR CONDUCTOR AND SERVICE WIRE INSTALLATION AS PER CONTRACT DOCUMENTS.</li> <li>8. USE DIRECT CONDUCT FROM STEEL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION.</li> <li>SPECIFICATION CATEGORY CODE I TENS DEVINEER SERVICE</li> </ul>	NEAREST JUNCTION WELL GROUND ROD CLAMP.	Г			
BARE STRANDED COPPER WREE RUN THROUCH EACH OF THE SERVICE PEDESTAL GROUNDING COLUMPS TO THE SERVICE PEDESTAL GROUNDING ROD CLAMPS TO THE SERVICE PEDESTAL UROUNDING ROD CLAMPS TO THE SERVICE PEDESTAL TO THE CONTROLLER CONDUIT TO THE CONTROLLER CABINET TO THE CONTROLLER CABINET GROUNDING BAR TO THE 3" NMPLE INSULATED BOOMED BUSHING ON THE CONTROLLER CABINET BOTTOM TO THE STEEL POLE GROUNDING LUG TO THE GROUNDING COMMONIC CLAMPS TO THE CONDUCT TO THE MEAREST JUNCTION WELL GROUND US CLAMP. 6. 3" "LB" CONDUCT NOTING LIG ROUNDING CUB CLAMP. 6. 3" "LB" CONDUCT MOUNTED ONTO 3" COUPLING ON STEEL POLE RIACE 3" GALVANIZED STEEL RIGO CONDUCT NOTLER CABINET BOTTOM FOLLOWED BY AN INSULATED BOOMONG BUSHING. 7. USE DRECT CONDUCT FROM SERVICE PEDESTAL TO CONTROLLER CABINET FOR GROUNDING CONDUCTOR AND SERVICE WHE INSTALLATION AS FER CONTICOL JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION. 8. USE DRECT CONDUCT FROM STEEL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION. 8. USE DRECT CONDUCT FROM STEEL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION. 8. USE DRECT CONDUCT FROM SEEVICE PEDESTAL TO CONTROLLER CABINET FOR STELL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION. 8. USE DRECT CONDUCT FROM STEEL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION. 5. DISCHART CONDUCTOR INSTALLATION. 5. DISCHART SERVICE WEE INSTALLATION. 5. DISCHART SERVICE SERVICES 5. DISCHART SERVICE SERVICES 5. DISCHART SERVICES SER			FEED VOLTAGE	CULUN	
THE SERVICE PEDESTAL NEUTRAL BAR TO THE CONDUTTO THE CONTROLLER CABNET TO THE CONTROLLER CABNET GROWNING BAR TO THE 3" NPPLE INSULATED BONDING BUSHING ON THE CONTROLLER CABNET BONDING DOL GROWNING CLAPS TO THE CONTROLLER CABNET BONDING COLOND US CLAPS TO THE CONTROLLER CABNET BODY MOUNTED ONTO 3" COUPLING ON STEEL POLE GROWNING CLAPS 6. 3" "LB" CONDUIT NOPLES ON BOTH "IS CONDUT BOY ENDS. PLACE DOLER LOCK NUTS ON NPPLE END ENTERING THE CONTROLLER CABNET BOTTOM FOLLOWED BY AN INSULATED BONDING BUSHING. 7. USE DRECT CONDUIT FROM SERVICE PEDESTAL TO CONTROLLER CABNET FOR GROWNING CONDUCTOR AND SERVICE WHE INSTALLATION AS FREE POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION. 8. USE DRECT CONDUCTOR INSTALLATION. B. USE DRECT CONDUCTOR INSTALLATION. B. USE DRECT CONDUCTOR INSTALLATION. B. USE DRECT CONDUCTOR INSTALLATION. B. USE DRECT CONDUCTOR INSTALLATION. DELLAWARE BONNER SERVICE POLE TEMS DEDINER SERVICE PEDESTAL TO CONTROLLER CABNET FOR GROWNING CONDUCTOR AND SERVICE WHE INSTALLATION AS FREE POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION. B. USE DRECT CONDUCTOR INSTALLATION. B. USE DRECT CONDUCTOR INSTALLATION. DELLAWARE	THE SERVICE PEDESTAL GROUND ROD CLAMPS TO		SINGLE PHASE, 2 WIRE	W (NEUTRAL), B (PHASE)	
Imple insulated bondwig busines on the controller cabber dottom to the steel pole grounding lub to the grounding rod grounding clamps to the conduit to the nearest junction well ground lub clamp.       J PHASE, 4 WRE       W (NEUTRAL) B (PHASE) R (PHASE), BL (PHASE)         6.       J* 18* CONDUIT BODY MOUNTED ONTO J* COMPLIKE ON STEEL POLE. PLACE J* GALVANZED STEEL Rodo CONDUIT NPPLES ON BOTH "L8* CONDUIT BODY ENDS. PLACE DOUBLE LOCK NUTS ON NPPLE END ENTERNIG THE CONTROLLER CABBET BOTTOM FOLLOWED BY AN INSULATED BONDONG BUSINKG.       J USE DIRECT CONDUIT FROM SERVICE PEDESTAL TO CONTROLLER CABBET FOG GROUNDING CONDUCTOR AND SERVICE WIRE INSTALLATION AS PER CONTRACT DOCUMENTS.         8.       USE DIRECT CONDUIT FROM STELL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION.         9.       USE DIRECT CONDUIT FROM STELL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION.         9.       USE DIRECT CONDUIT FROM STELL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION.         9.       USE DIRECT CONDUCTOR INSTALLATION.         9.       USE ORECT CONDUCTOR INSTALLATION.         9.       USE ORECT CONDUCTOR INSTALLATION.         9.       USE ORECT CONDUCTOR INSTALLATION.         9.       SERVICE BEDITICE         9.       DELAWARE	THE SERVICE PEDESTAL NEUTRAL BAR TO THE CONDUIT TO THE CONTROLLER CABINET TO THE		SINGLE PHASE, 3 WIRE	W (NEUTRAL), 8 (PHASE) R (PHASE)	
TO THE NEAREST JUNCTION WELL GROUND LUG CLAMP. 6. 3" "LB" CONDUIT BODY MOUNTED ONTO 3" COUPLING ON STEEL POLE, PLACE 3" GALVANZED STEEL RIGD CONDUIT NPRIES ON BOTH "LB" CONDUIT BODY ENDS, PLACE DOUBLE LOCK NUTS ON NPRIE END ENTERNO. THE CONTROLLER CABNET FOR TOM FOLLOWED BY AN INSULATED BONDING BUSHING. 7. USE DRECT CONDUIT FROM SERVICE PEDESTAL TO CONTROLLER CASNET FOR GROUNDING CONDUCTOR AND SERVICE WIRE INSTALLATION AS PER CONTRACT DOCUMENTS. 8. USE DRECT CONDUIT FROM STEEL POLE TO JUNCTION WELL FOR GROUNDING CONDUCTOR INSTALLATION. SPECIFICATION CATEGORY CODE LITEMS DELAWARE DELAWARE	NIPPLE INSULATED BONDING BUSHING ON THE CONTROLLER CABINET BOTTOM TO THE STEEL POLE GROUNDING LUG T	10	3 PHASE, 4 WIRE	W (NEUTRAL), B (PHASE) R (PHASE), BL (PHASE)	
SPECIFICATION CATEGORY CODE ITEMS				• • • • • • • • • • • • • • • • • • •	
SPECIFICATION CATEGORY CODE I TENS BOWNER SCHEMICE	COUPLING ON STEEL POLE. PLACE 3" GALVANIZED STEEL RGID CONDUIT NIPPLES ON BOTH "LB" CONDUIT BODY ENDS. PLACE DOUBLE LOCK NUTS ON NIPPLE END ENTERING THE CONTROLLER CABINET BOTTOM				
SPECIFICATION CATEGORY CODE I TEMS	CONTROLLER CABINET FOR GROUNDING CONDUCTOR AND	S.			
		LL			
DEPARTMENT OF TRANSPORTATION		PARTME	NT OF TRAN	SPORTATION	
APPROVED TRAFFIC ENGINEER TRAFFIC ENGINEER			O CONCTOURTION	DETAILS	
ELECTRICAL SERVICE EQUIPMENT METERED POLE & BASE MOUNTED CABINET	APPROVED	TRAFF	IC CONSTRUCTION	DETAILS	

# DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 21 of 54



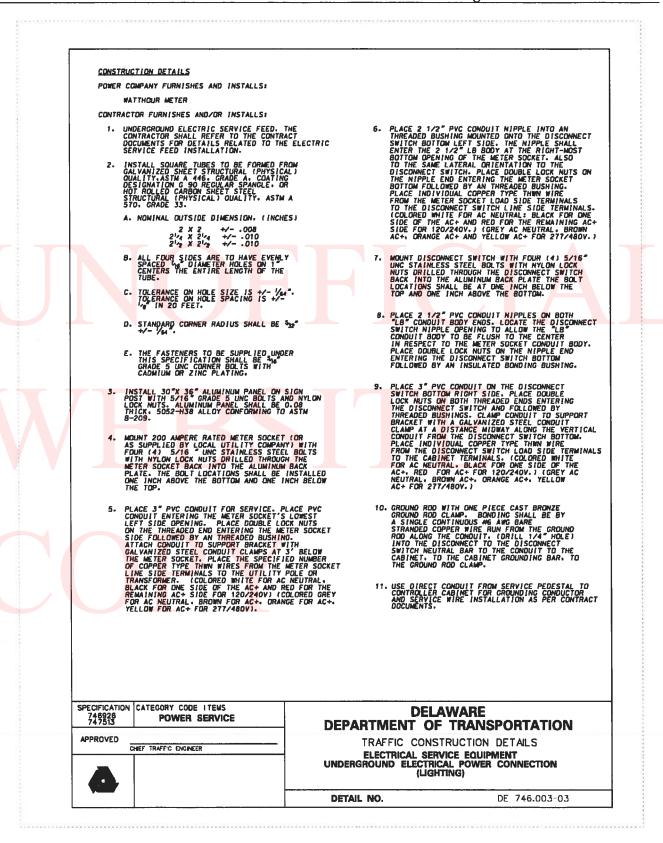
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 22 of 54



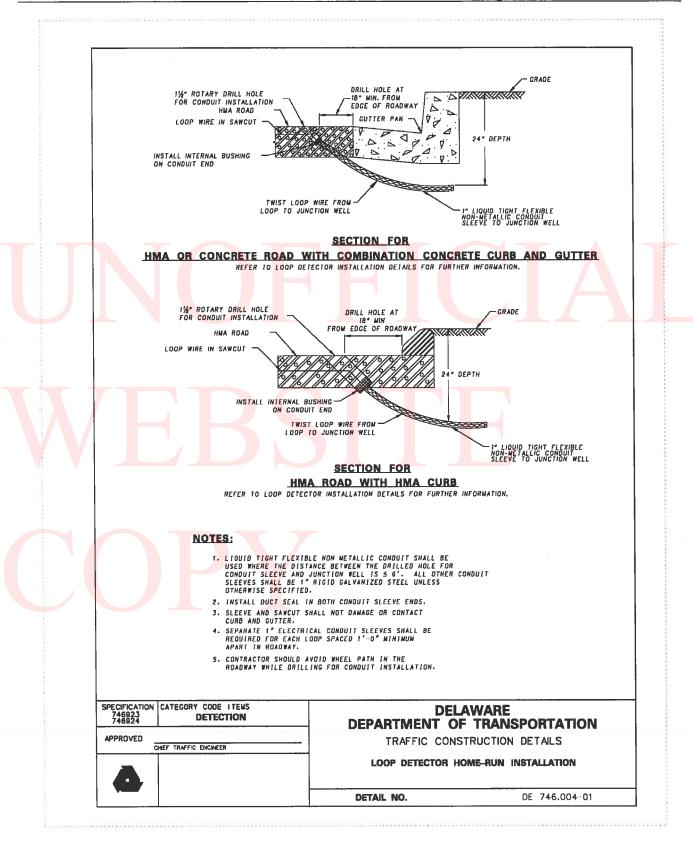
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE

**Traffic Section** 

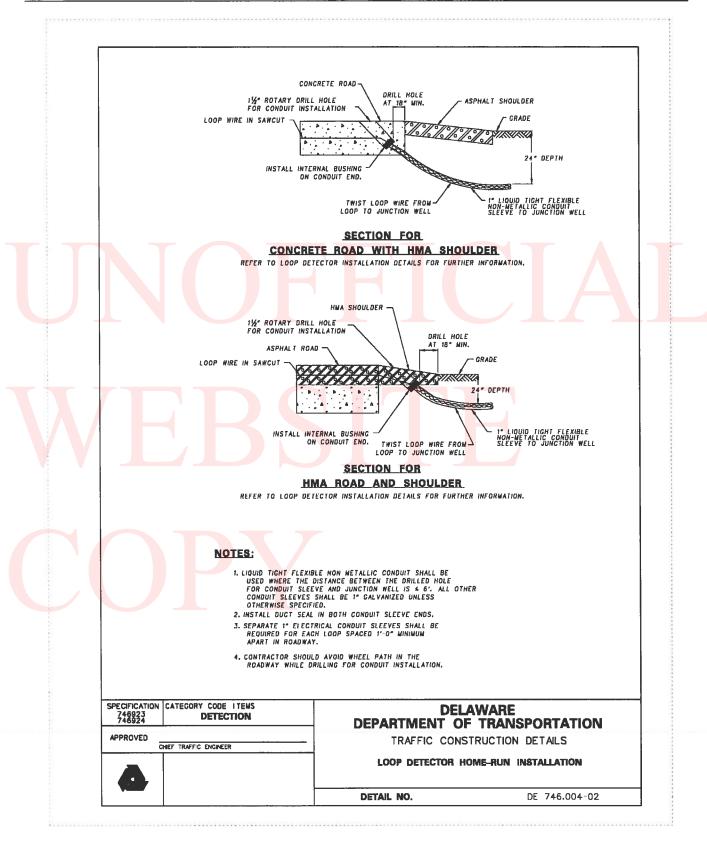
### Page 23 of 54



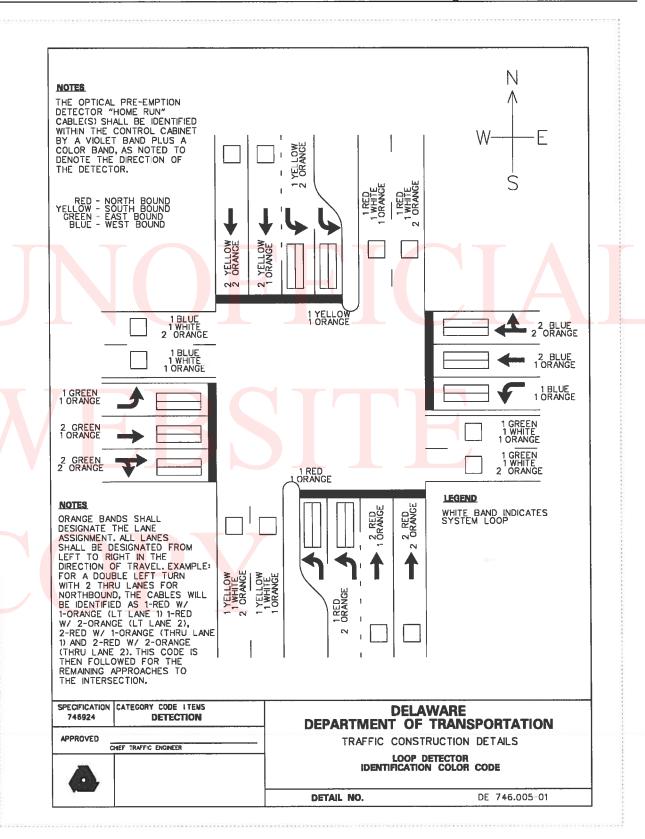
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 24 of 54



#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 25 of 54

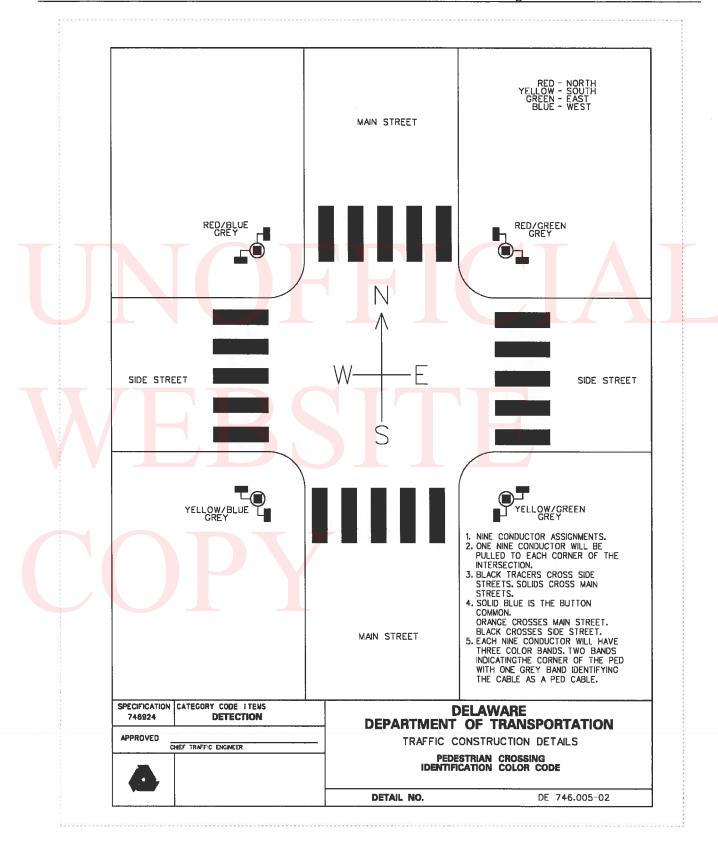


#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 26 of 54

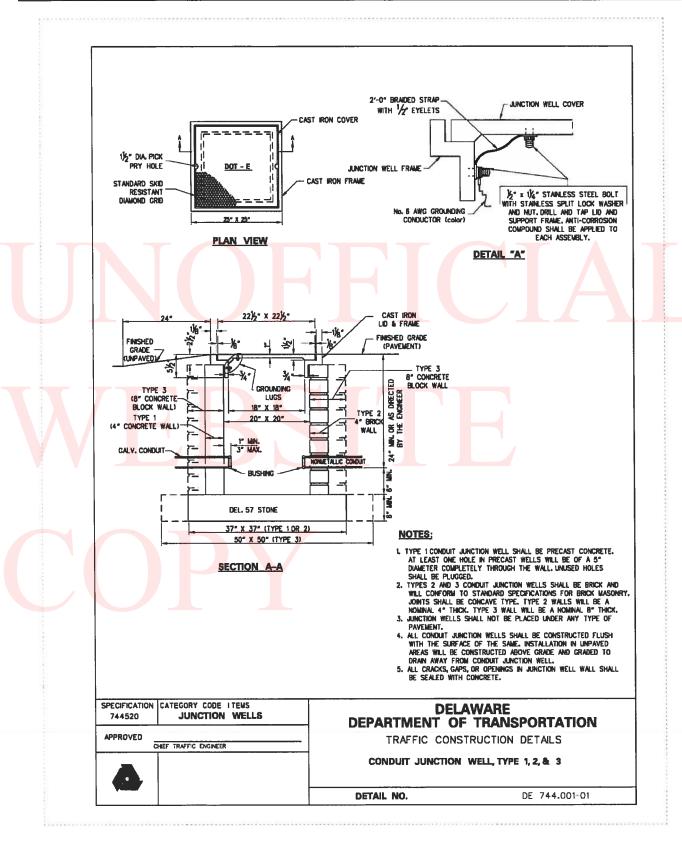


2

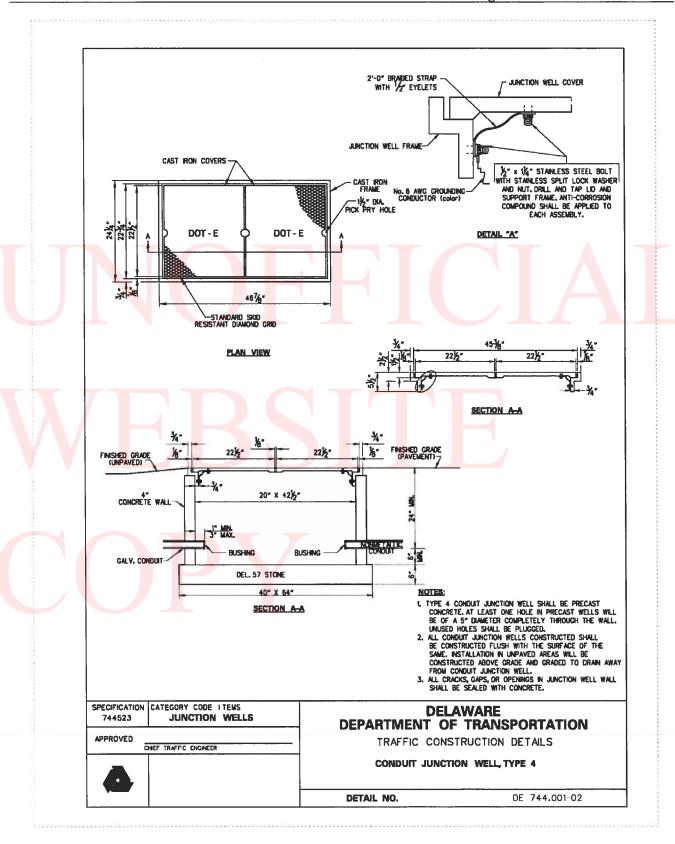
#### **DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section** Page 27 of 54



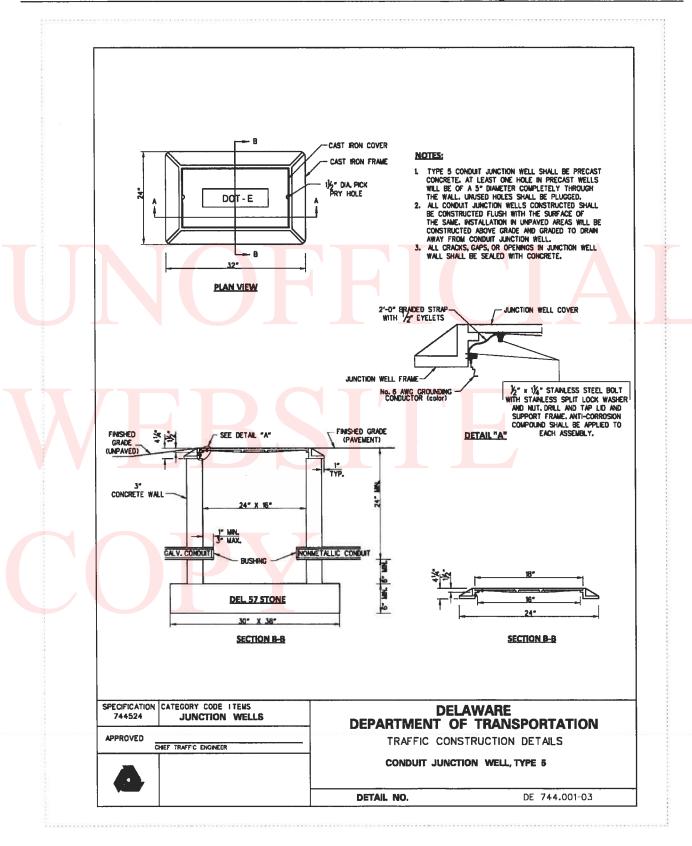
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 28 of 54



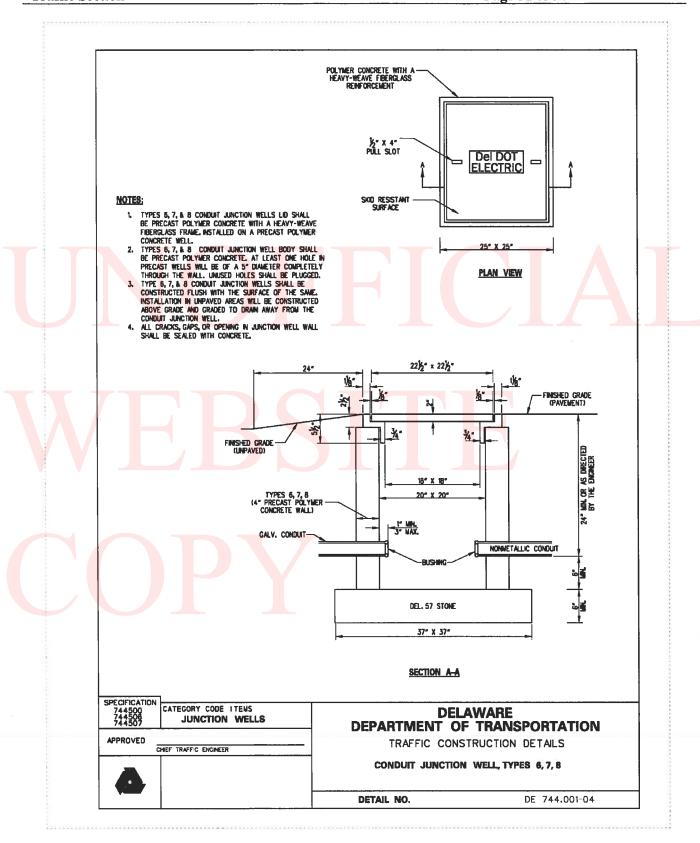
## DELAWARE DEPARTMENT OF TRANSPORTATIONContract No. DOT1217 – TRAFFMAINTEMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCETraffic SectionPage 29 of 54



DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 30 of 54

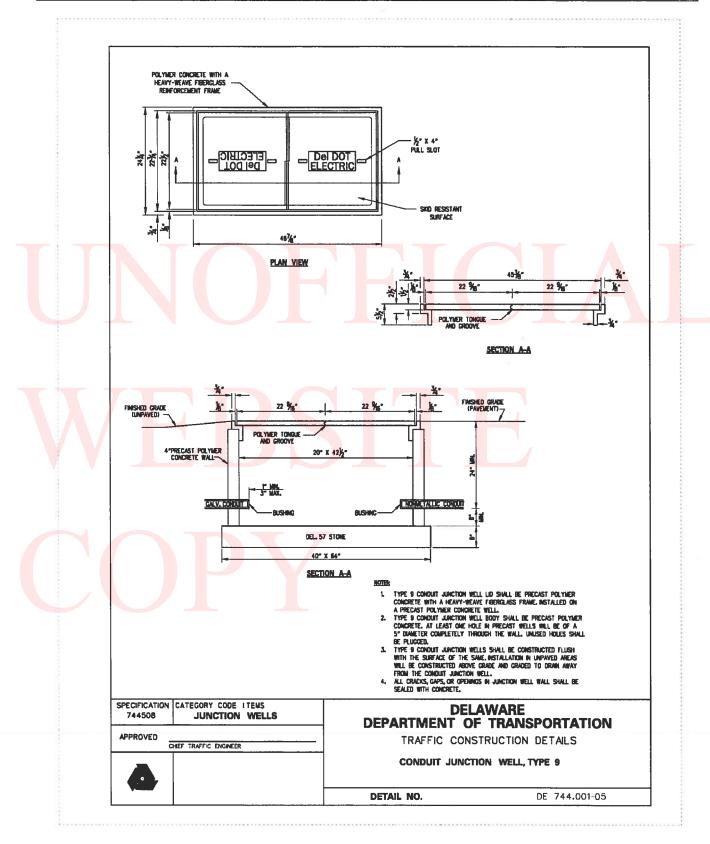


**DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE** Page 31 of 54

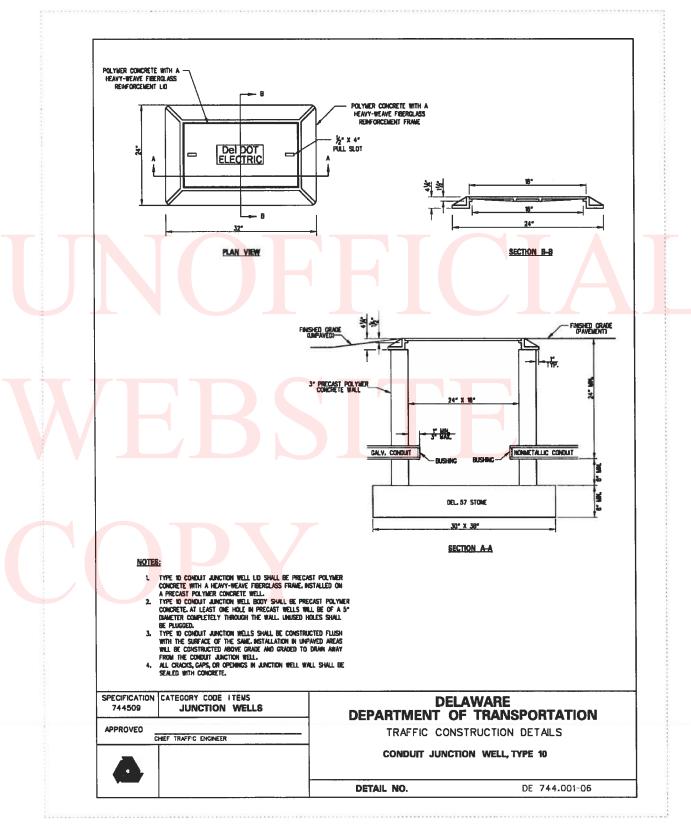


**Traffic Section** 

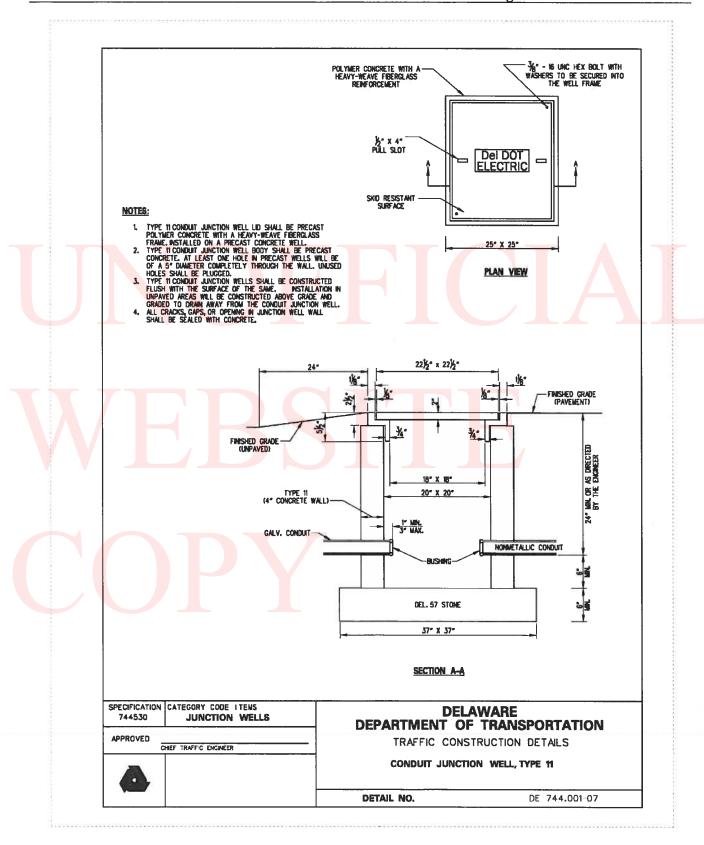
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 32 of 54



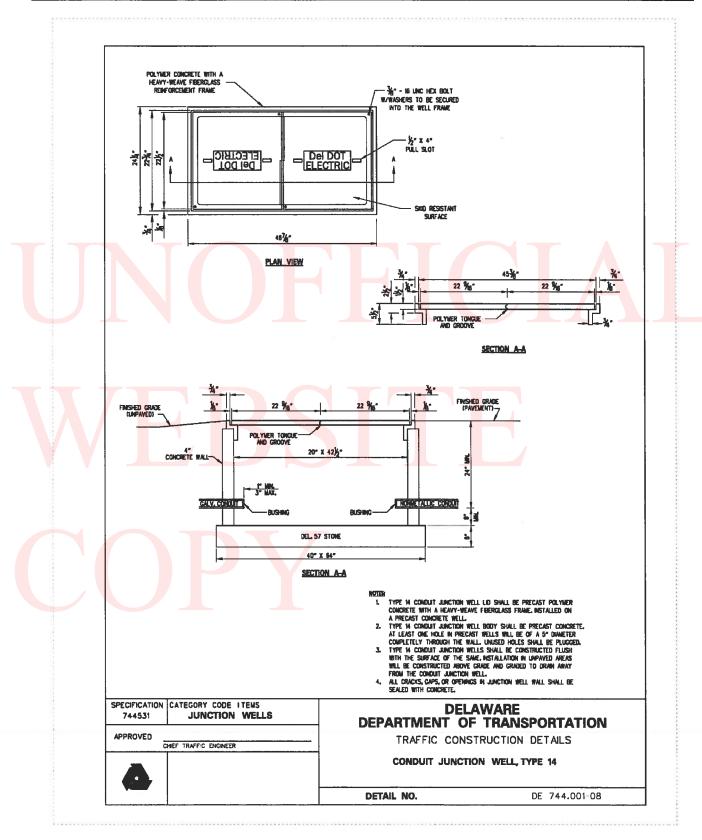
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 33 of 54



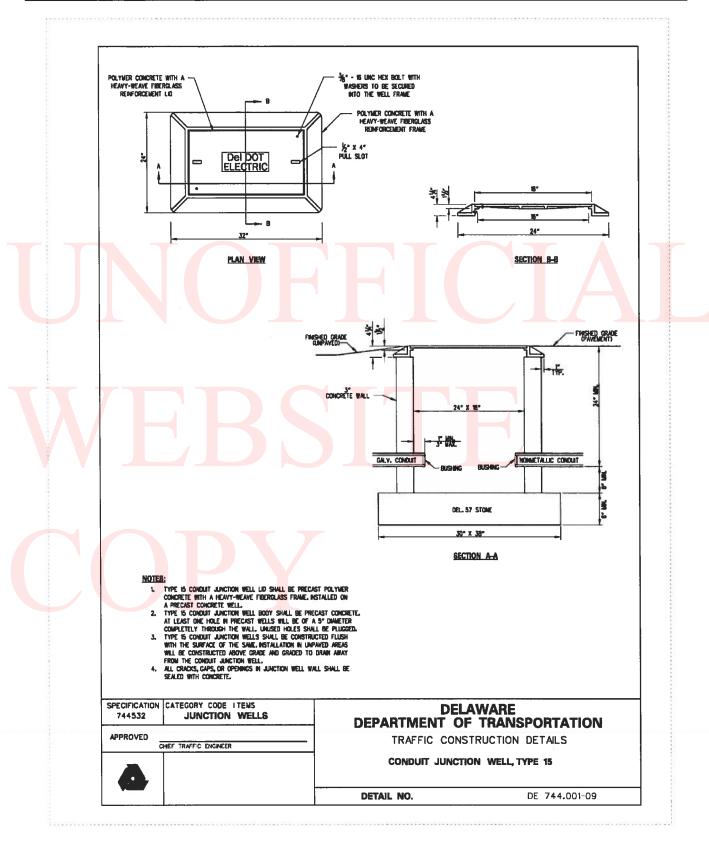
DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 34 of 54



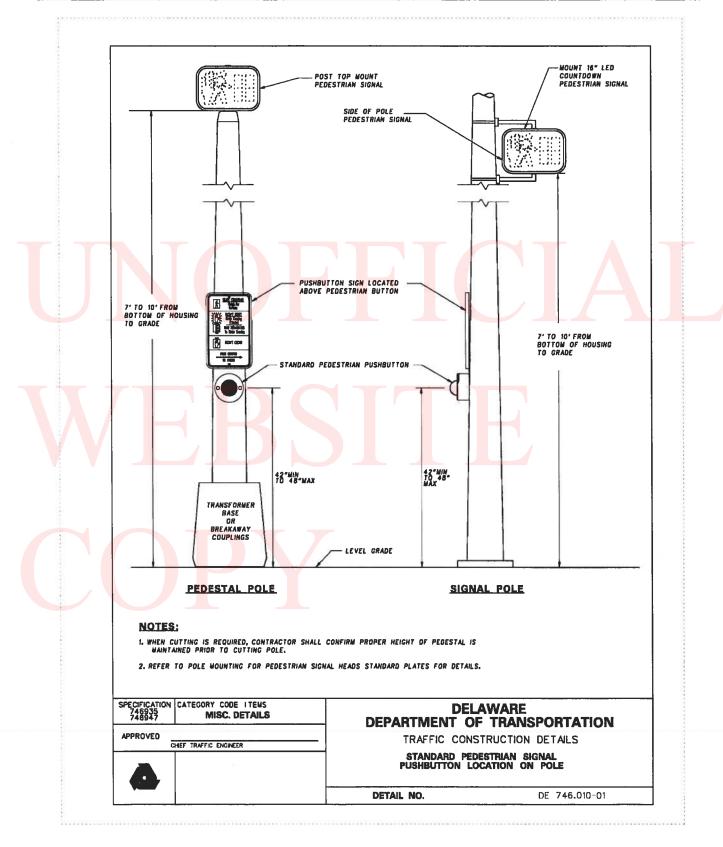
# DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 35 of 54



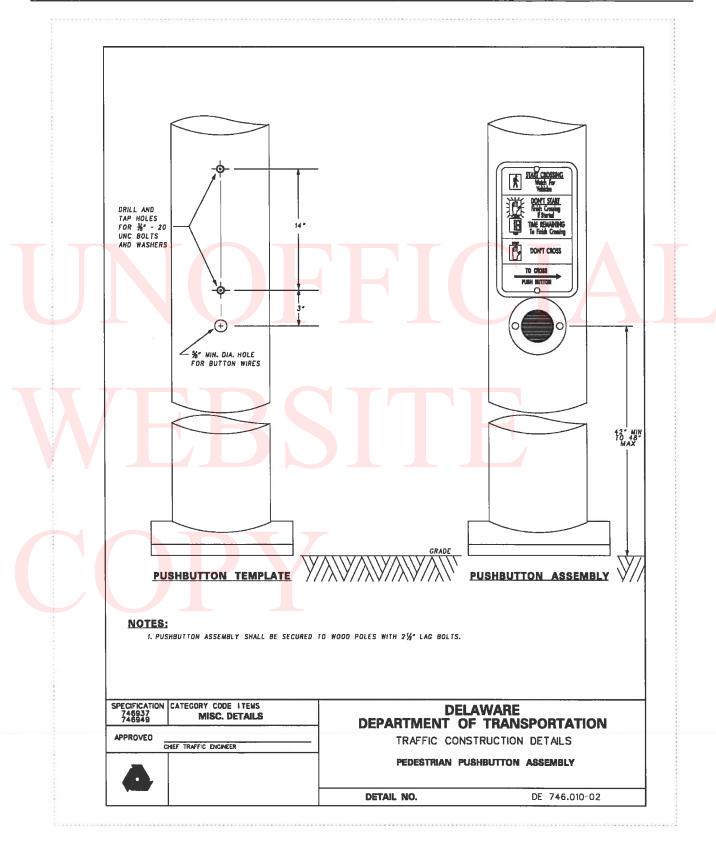
## DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 36 of 54



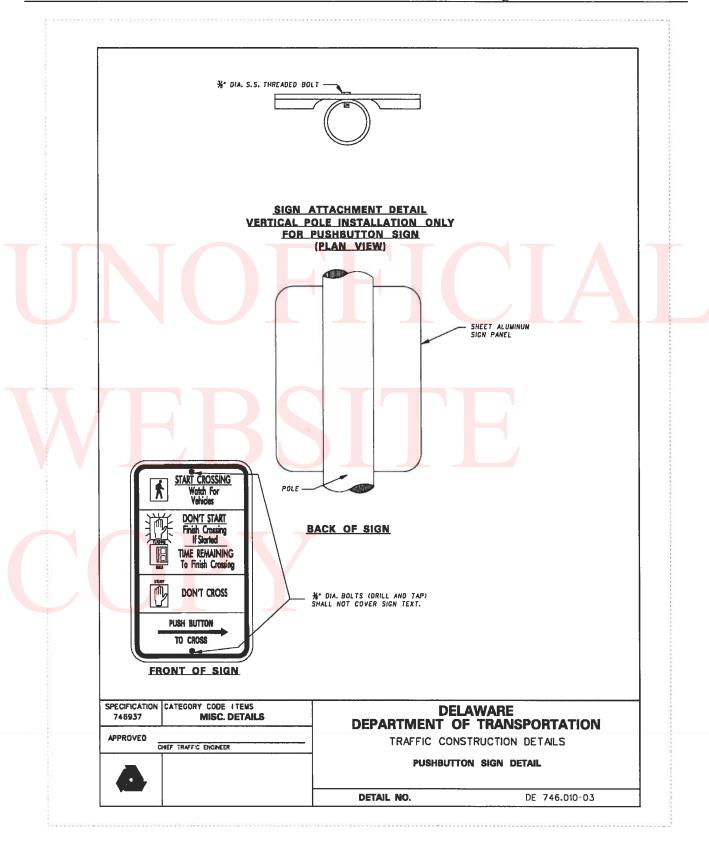
## DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 37 of 54



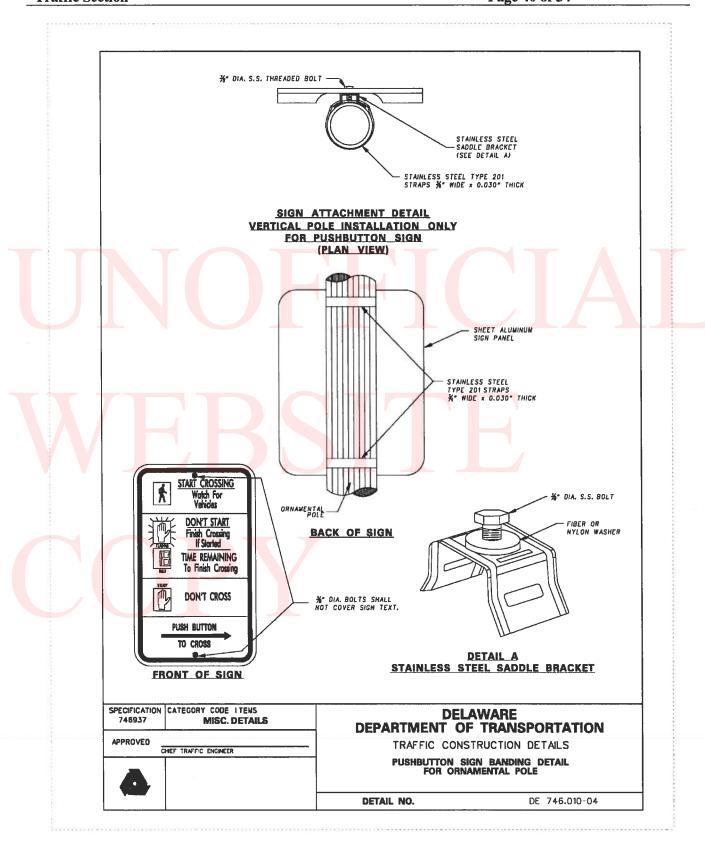
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 38 of 54



## DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 39 of 54

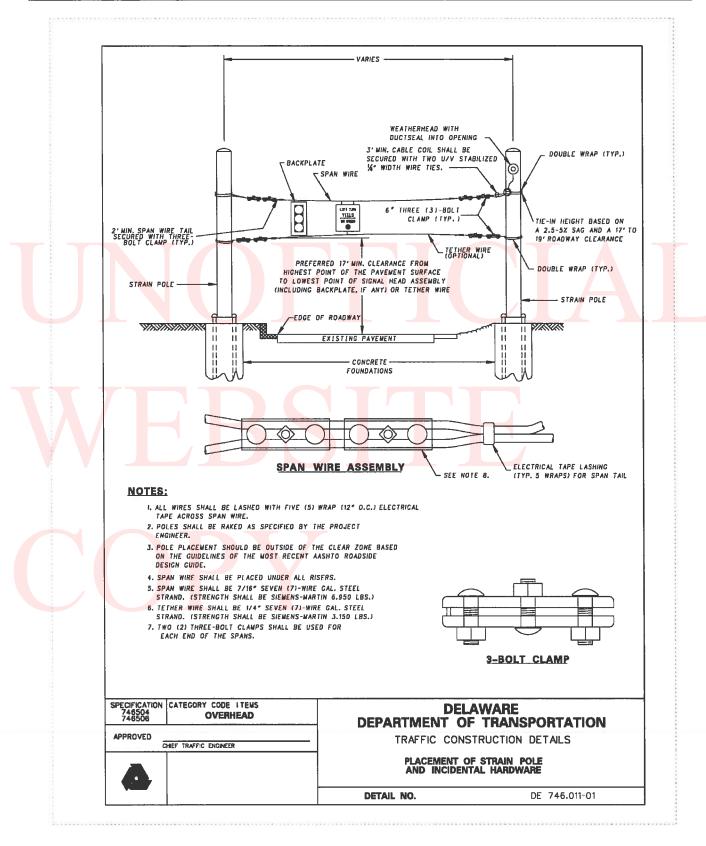


DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 40 of 54



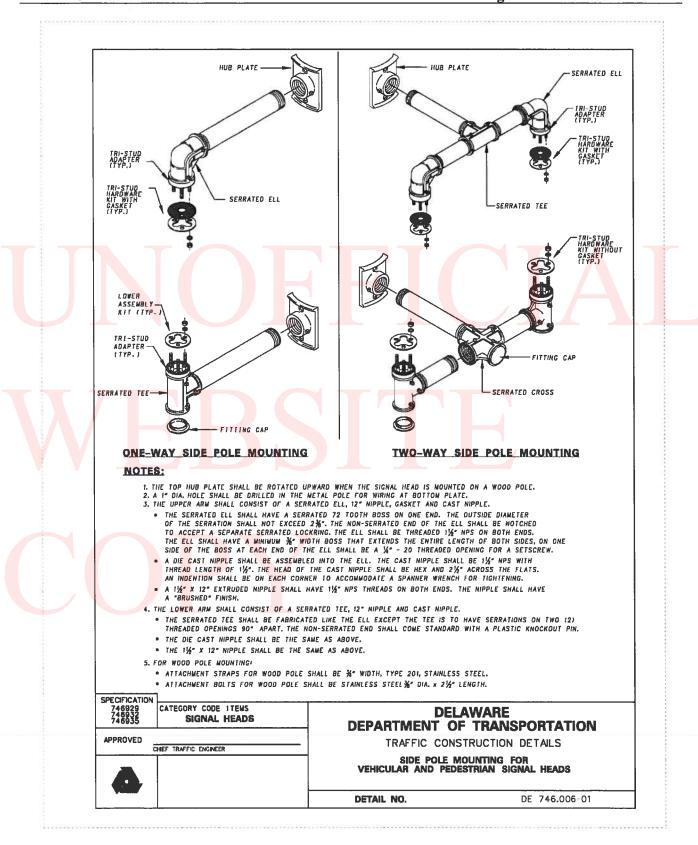
**Contract No. DOT1217 – TRAFFMAINT Traffic Section** 

#### **DELAWARE DEPARTMENT OF TRANSPORTATION EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE** Page 41 of 54

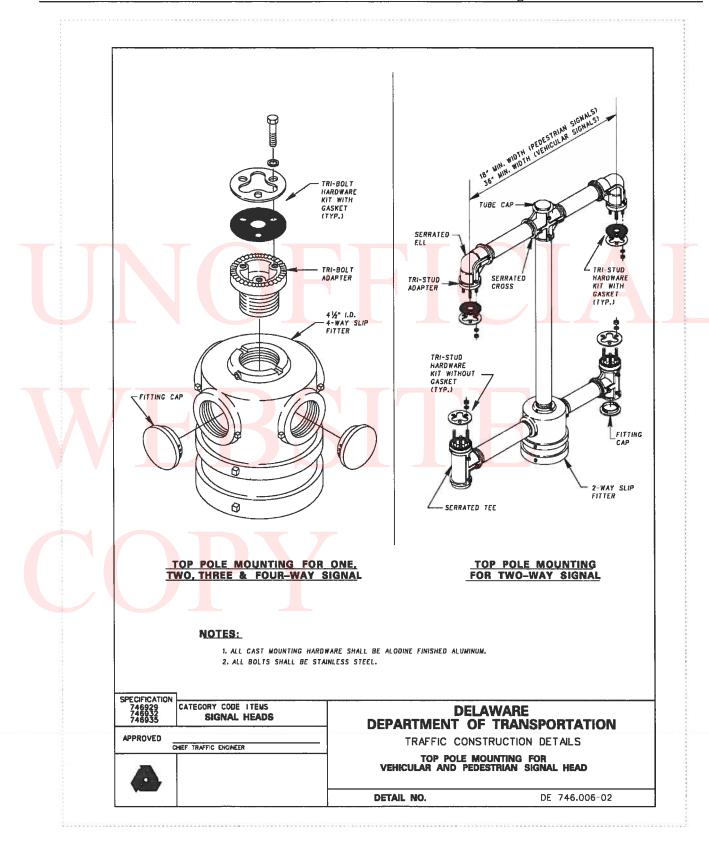


Contract No. DOT1217 – TRAFFMAINT Traffic Section

#### DELAWARE DEPARTMENT OF TRANSPORTATION – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Page 42 of 54



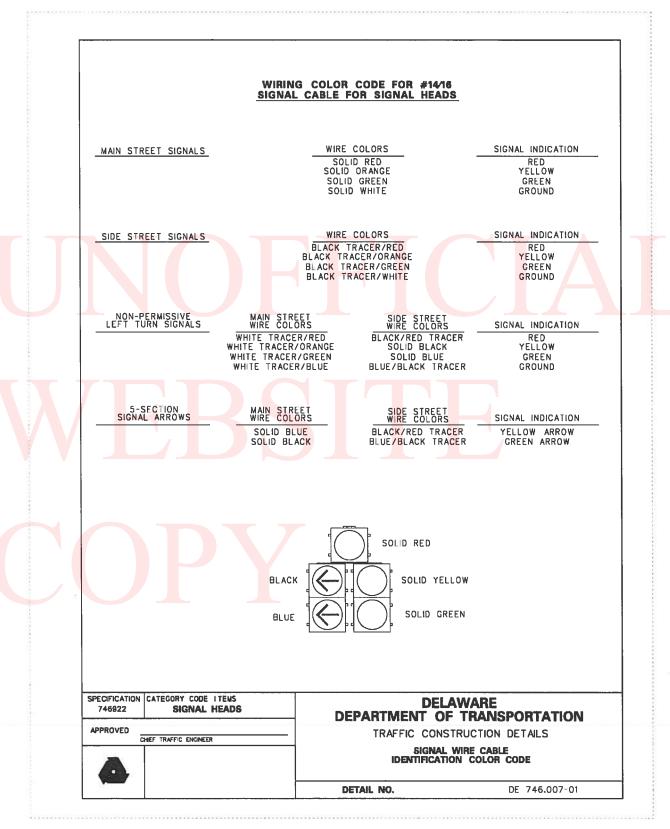
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 43 of 54



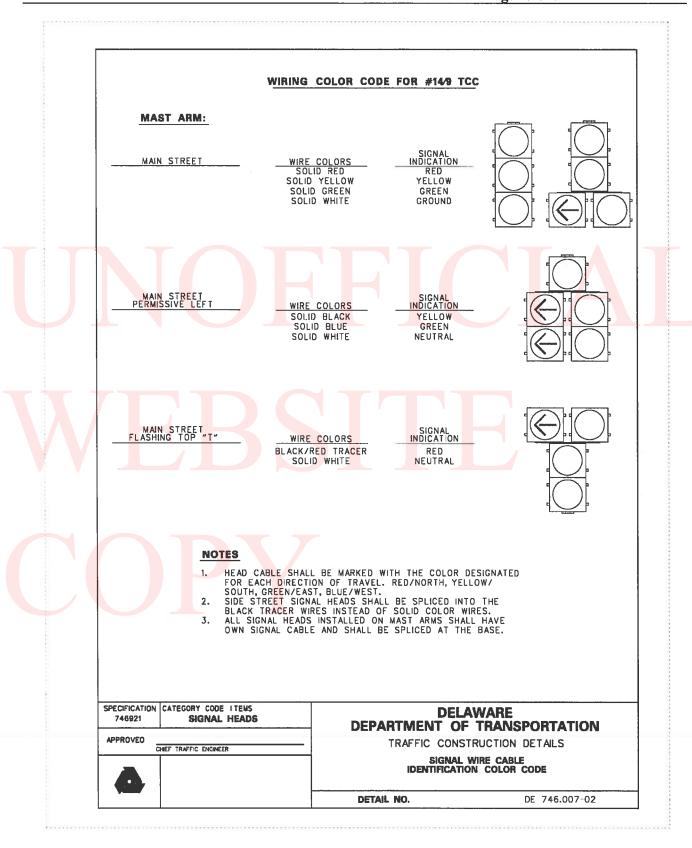
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE

**Traffic Section** 

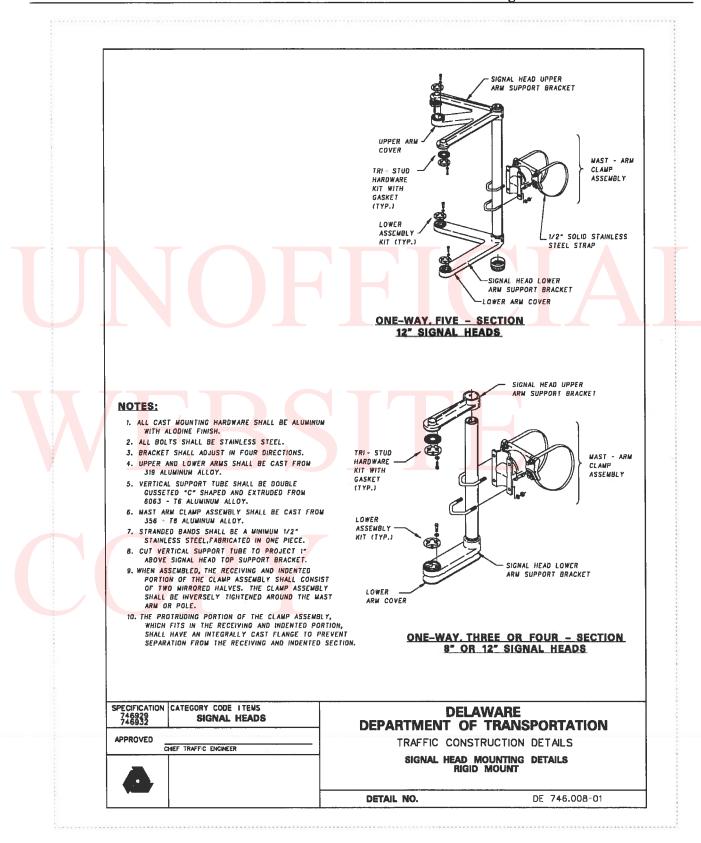
#### Page 44 of 54



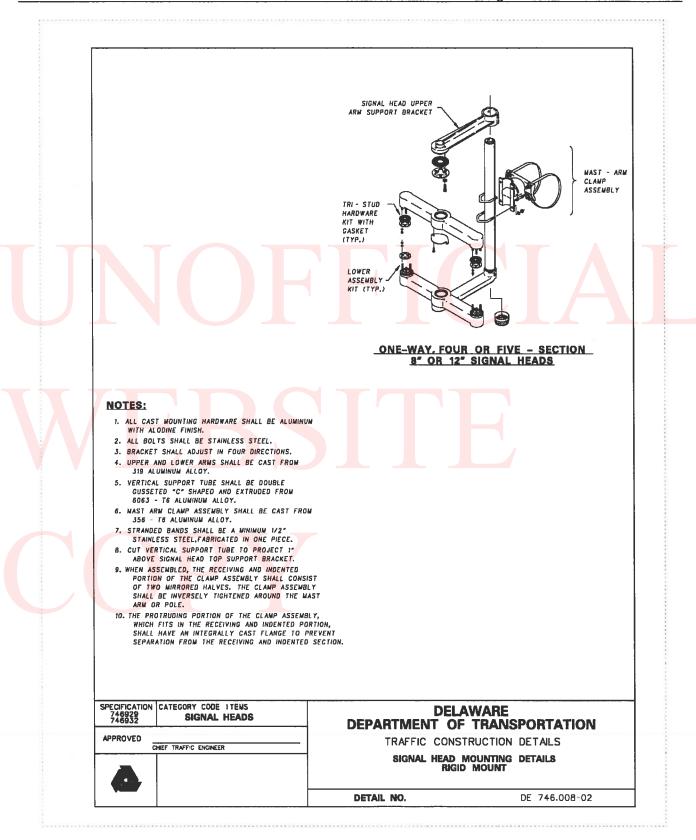
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 45 of 54



DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 46 of 54



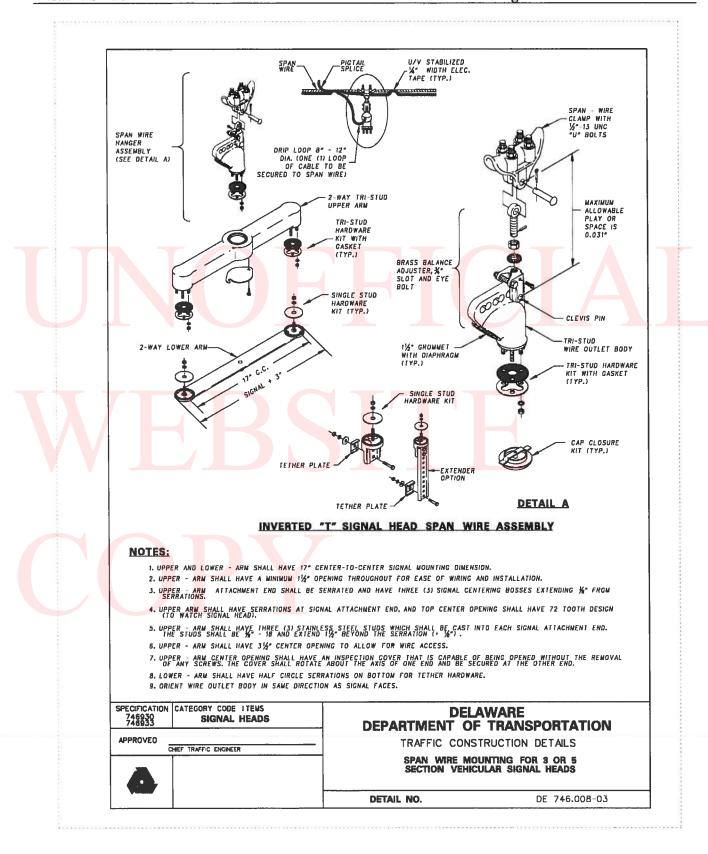
#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 47 of 54



Contract No. DOT1217 - TRAFFMAINT

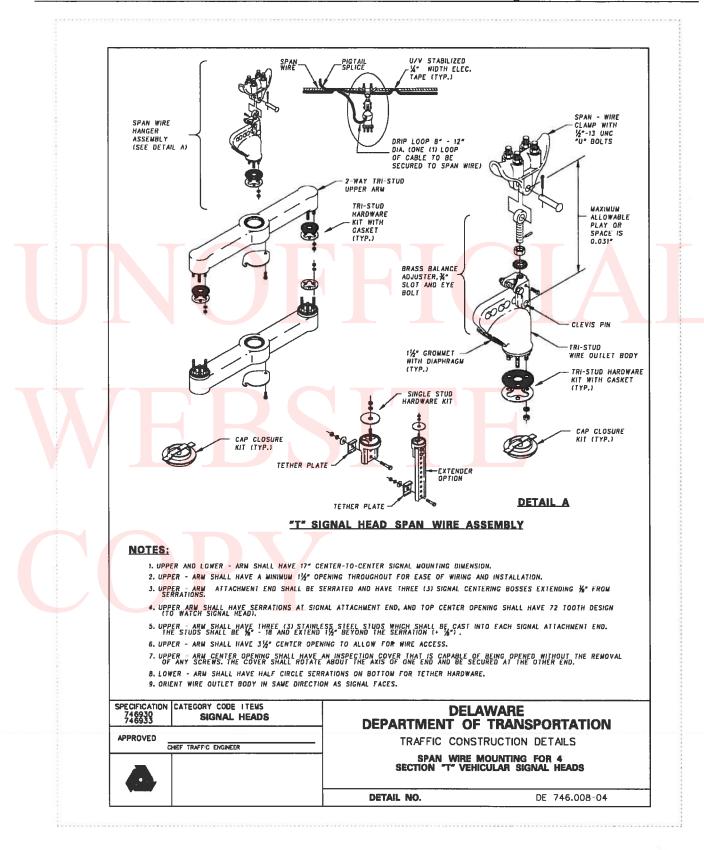
**Traffic Section** 

#### **DELAWARE DEPARTMENT OF TRANSPORTATION EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE** Page 48 of 54

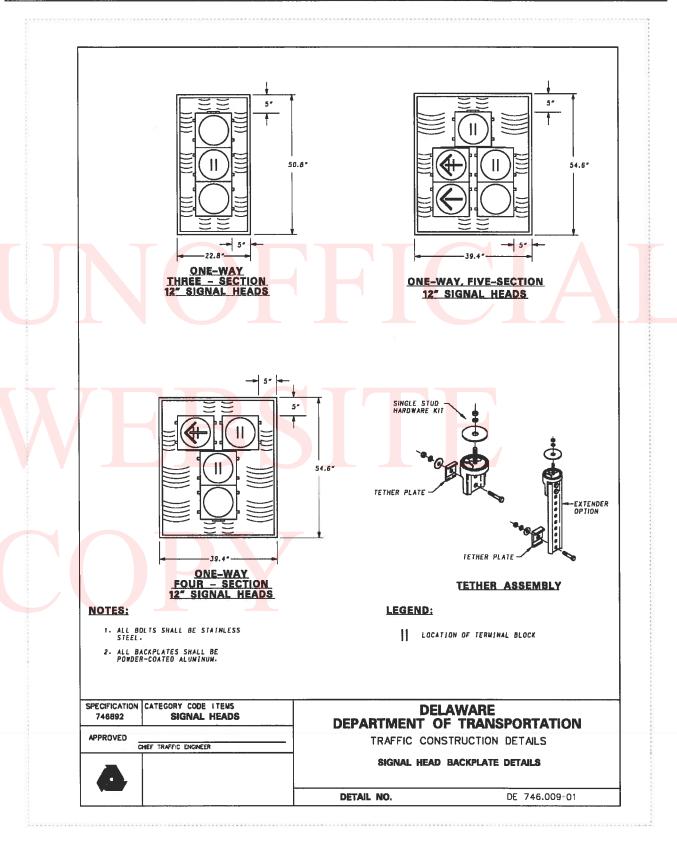


**Contract No. DOT1217 – TRAFFMAINT Traffic Section** 

#### **DELAWARE DEPARTMENT OF TRANSPORTATION EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE** Page 49 of 54



#### DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE Traffic Section Page 50 of 54



### 22. ITEM NUMBERS BY CATEGORY

To assist locating a particular item, the item numbers included in this contract have been divided into categories, as shown in the following table.

ITEM	DESCRIPTION	UOM	QTY	
	CABINETS AND CABINET BASES			
747515	Cabinet Base Type M	EA	4	
747516	Cabinet Base Type P	EA	10	
	CABLE AND SPLICES			
74 <mark>6</mark> 906	Furnish & Install 4- conductor #18 AGW Shielded Opticom Cable	LF	1,000	
74 <mark>6</mark> 907	Furnish & Install 1- conductor #2 AWG THWN Stranded Copper	LF	100	
74 <mark>6</mark> 908	Furnish & Install 1- conductor #4 AWG THWN Stranded Copper	LF	100	
746909	Furnish & Install 1- conductor #6 AWG THWN Stranded Copper	LF	_ 100 _	
746910	Furnish & Install 1- conductor #8 THWN AWG Stranded Copper	LF	100	
746911	Furnish & Install 1- conductor #10 AWG THWN Stranded Copper	LF	100	
746912	Furnish & Install 1- conductor #14 AWG THWN Stranded Copper	LF	100	
746913	Furnish & Install 2-Conductor #14 AWG Aluminum Shielded Cable	LF	5,000	
746914	Furnish & Install #6 Bare Stranded Copper ground	LF	500	
746915	Furnish & Install #8/2 wire UF W/ground	LF	250	
746916	Furnish & Install #8/3 wire UF W/ground	LF	50	
746918	Furnish & Install #2/0 AWG THWN Stranded Copper	LF	500	
746919	Furnish & Install #4/0 AWG THWN Stranded Copper	LF	200	
746920	Furnish & Install 14/4 Traffic Control Cable	LF	250	
746921	Furnish & Install 14/9 Traffic Control Cable	LF	2,500	
746922	Furnish & Install 14/16 Traffic Control Cable	LF	2,500	
	Furnish & Install a 1" Flexible Non-Metallic Liquidtight Conduit		000	
7469 <mark>23</mark>	Detector Sleeve with Loop Wire	LF	800	
	Furnish & Install Loop Wire 1-conductor #14 AWG encased in <sup>1</sup> /4"		8,000	
746924	Flexible Tubing in a Loop Sawcut	LF	8,000	
-	CONDUIT			
745601	Furnish & Install up to 3" Flexible Metallic-Liquidtight Conduit	LF	50	
745602	Furnish & Install up to 4" Schedule 80 HDPE Conduit (Bore)	LF	1,000	
745603	Furnish & Install up to 4" Schedule 80 PVC Conduit (Open Cut)		100	
745604	Furnish & Install up to 4" Schedule 80 PVC Conduit (Trench)	LF	2,000	
745605	Furnish & Install up to 4" Schedule 80 PVC Conduit (On Structure)	LF	100	
745606	Furnish & Install up to 4" Galvanized Steel Conduit (Trench)		100	
745607	Furnish & Install up to 4" Galvanized Steel Conduit (Bore)	LF	100	
745608	Furnish & Install up to 4" Galvanized Steel Conduit (Open Cut)	LF	100	
745609	Furnish & Install up to 4" Galvanized Steel Conduit (On Structure)	LF	100	
745610	Furnish & Install up to 4" Nonmetallic Pole Riser Shield	LF	100	

DELAWARE DEPARTMENT OF TRANSPORTATION Contract No. DOT1217 – TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE **Traffic Section** 

Pac	ge 52 of !	54

746925       Furnish & Install Embedded Metered Service Pedestal (100 AMP)       EA       5         746926       Furnish & Install Electrical Utility Service Equipment 120/240       EA       1         746926       Furnish & Install Electrical Utility Service Equipment 120/240       EA       1         744520       Conduit Junction Well, Type 1, Precast Concrete       EA       2         744520       Conduit Junction Well, Type 6, Precast Polymer Concrete       EA       2         744500       Conduit Junction Well, Type 7, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744501       Conduit Junction Well, Type 11, Precast Concrete / Polymer Lid-       Frame       Frame       EA       5         744531       Frame       Conduit Junction Well, Type 15, Precast Concrete / Polymer Lid-       Frame       5       5         744533       Furnish & Install Frame and Lid, for Junction Well, Type 1       EA       3       3         744535       Furnish & Install Precast Polymer Cover for Junction Well, Type 7       EA <t< th=""><th>   </th><th>ELECTRIC SERVICE</th><th></th><th></th></t<>		ELECTRIC SERVICE		
746926       Furnish & Install Electrical Utility Service Equipment 120/240       EA       1         744520       Conduit Junction Well, Type 1, Precast Concrete       EA       5         744520       Conduit Junction Well, Type 4, Precast Concrete       EA       2         744524       Conduit Junction Well, Type 5, Precast Concrete       EA       2         744500       Conduit Junction Well, Type 6, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 7, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744501       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744502       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744533       Frame       EA       1       0         744534       Frame       EA       3       1         744535       Frame       EA       3       3         744534       Furnish & Install Frame and Lid, for Junction Well, Type 5       EA       1         744533       Furnish & Install Precast Polymer Cover for J	746925		EA	5
JUNCTION WELLS				
744520       Conduit Junction Well, Type 1, Precast Concrete       EA       5         744523       Conduit Junction Well, Type 5, Precast Concrete       EA       2         744500       Conduit Junction Well, Type 5, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 6, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 8, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744501       Frame       EA       10         744531       Frame       EA       50         744532       Frame       EA       50         744533       Furnish & Install Frame and Lid, for Junction Well, Type 1       EA       3         744534       Furnish & Install Frame and Lid, for Junction Well, Type 5       EA       3         744535       Furnish & Install Frame and Lid, for Junction Well, Type 6       EA       1         744535       Furnish & Install Frame and Lid, for Junction Well, Type 7       EA       2         744535       Furnish & Install Precast Polymer Cover for Junction Well, Type 10       EA </td <td></td> <td>Turnen of Instan Electron Comey Source Equipment (20/210</td> <td></td> <td></td>		Turnen of Instan Electron Comey Source Equipment (20/210		
744520       Conduit Junction Well, Type 1, Precast Concrete       EA       5         744523       Conduit Junction Well, Type 5, Precast Concrete       EA       2         744500       Conduit Junction Well, Type 5, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 6, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 8, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744501       Conduit Junction Well, Type 10, Precast Concrete / Polymer Lid-       EA       50         744531       Frame       EA       50         744532       Conduit Junction Well, Type 15, Precast Concrete / Polymer Lid-       EA       5         744533       Furnish & Install Frame and Lid, for Junction Well, Type 1       EA       3         744534       Furnish & Install Frame and Lid, for Junction Well, Type 5       EA       1         744535       Furnish & Install Precast Polymer Cover for Junction Well, Type 7       EA       2         744535       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1 <td></td> <td></td> <td></td> <td></td>				
744523       Conduit Junction Well, Type 4, Precast Concrete       EA       2         744524       Conduit Junction Well, Type 5, Precast Concrete       EA       2         744500       Conduit Junction Well, Type 6, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 8, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744501       Frame       EA       5         744532       Frame       EA       10         744533       Frame       EA       3         744534       Frame       EA       3         744535       Frame       EA       3         744534       Furnish & Install Frame and Lid, for Junction Well, Type 1       EA       3         744535       Furnish & Install Frame and Lid, for Junction Well, Type 5       EA       1         744535       Furnish & Install Frame and Lid, for Junction Well, Type 7       EA       2         744535       Furnish & Install Precast Polymer Cover fo				
744524       Conduit Junction Well, Type 5, Precast Concrete       EA       2         744500       Conduit Junction Well, Type 6, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 8, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 10, Precast Concrete / Polymer Lid-       EA       1         744530       Frame       EA       10         Conduit Junction Well, Type 15, Precast Concrete / Polymer Lid-       EA       3         744533       Frame       EA       3         744533       Furnish & Install Frame and Lid, for Junction Well, Type 1       EA       3         744535       Furnish & Install Frame and Lid, for Junction Well, Type 5       EA       3         744536       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1         744537       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1         744538       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1         744539       Furnish & I				
744500       Conduit Junction Well, Type 6, Precast Polymer Concrete       EA       1         744500       Conduit Junction Well, Type 7, Precast Polymer Concrete       EA       1         744501       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744502       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744503       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744503       Frame       EA       1         Conduit Junction Well, Type 11, Precast Concrete / Polymer Lid-       EA       50         744533       Frame       EA       10         744534       Frame       EA       1         Conduit Junction Well, Type 15, Precast Concrete / Polymer Lid-       Fa       5         744533       Furnish & Install Frame and Lid, for Junction Well, Type 4       EA       3         744534       Furnish & Install Frame and Lid, for Junction Well, Type 5       EA       1         744535       Furnish & Install Precast Polymer Cover for Junction Well, Type 7       EA       2         744536       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1         744537       Furnish & Install Precast Polymer Cover for Junction Well, Type 10       EA				
744506       Conduit Junction Well, Type 7, Precast Polymer Concrete       EA       1         744507       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744508       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744509       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744509       Conduit Junction Well, Type 11, Precast Concrete / Polymer Lid-       EA       10         744531       Frame       EA       10         744532       Frame       EA       10         744533       Furmish & Install Frame and Lid, for Junction Well, Type 1       EA       3         744533       Furnish & Install Frame and Lid, for Junction Well, Type 5       EA       3         744534       Furnish & Install Precast Polymer Cover for Junction Well, Type 7       EA       1         744535       Furnish & Install Precast Polymer Cover for Junction Well, Type 8       EA       1         744536       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1         744537       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1         744538       Furnish & Install Precast Polymer Cover for Junction Well, Type 10       EA       1 <tr< td=""><td></td><td></td><td></td><td></td></tr<>				
744507       Conduit Junction Well, Type 8, Precast Polymer Concrete       EA       1         744508       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744509       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744500       Frame       EA       1         744530       Frame       EA       10         744531       Frame       EA       10         744532       Frame       EA       10         744533       Furnish & Install Frame and Lid, for Junction Well, Type 1       EA       3         744533       Furnish & Install Frame and Lid, for Junction Well, Type 4       EA       3         744535       Furnish & Install Prame and Lid, for Junction Well, Type 5       EA       1         744536       Furnish & Install Precast Polymer Cover for Junction Well, Type 6       EA       1         744537       Furnish & Install Precast Polymer Cover for Junction Well, Type 7       EA       2         744538       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1         744538       Furnish & Install Precast Polymer Cover for Junction Well, Type 10       EA       1         744538       Furnish & Install Precast Polymer Cover for Junction Well, Type 10 <td< td=""><td></td><td></td><td></td><td></td></td<>				
744508       Conduit Junction Well, Type 9, Precast Polymer Concrete       EA       1         744509       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         744530       Frame       EA       50         744531       Frame       EA       10         744531       Frame       EA       10         744531       Frame       EA       10         744533       Furnish & Install Frame and Lid, for Junction Well, Type 1       EA       3         744533       Furnish & Install Frame and Lid, for Junction Well, Type 4       EA       3         744534       Furnish & Install Frame and Lid, for Junction Well, Type 5       EA       3         744535       Furnish & Install Precast Polymer Cover for Junction Well, Type 7       EA       2         744536       Furnish & Install Precast Polymer Cover for Junction Well, Type 8       EA       1         744537       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1         744538       Furnish & Install Precast Polymer Cover for Junction Well, Type 10       EA       1         744538       Furnish & Install Frame and Lid, for Junction Well, Type 10       EA       1         744541       Furnish & Install Frame and Lid, for Junction Well, Type 14       E				
744509       Conduit Junction Well, Type 10, Precast Polymer Concrete       EA       1         Conduit Junction Well, Type 11, Precast Concrete / Polymer Lid-       EA       50         744530       Frame       EA       10         744531       Frame       EA       10         744532       Frame       EA       10         744533       Furnish & Install Frame and Lid, for Junction Well, Type 1       EA       3         744533       Furnish & Install Frame and Lid, for Junction Well, Type 4       EA       3         744534       Furnish & Install Frame and Lid, for Junction Well, Type 5       EA       3         744535       Furnish & Install Precast Polymer Cover for Junction Well, Type 6       EA       1         744536       Furnish & Install Precast Polymer Cover for Junction Well, Type 7       EA       2         744536       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1         744537       Furnish & Install Precast Polymer Cover for Junction Well, Type 9       EA       1         744534       Furnish & Install Precast Polymer Cover for Junction Well, Type 10       EA       1         744537       Furnish & Install Frame and Lid, for Junction Well, Type 10       EA       1         744541       Furnish & Install Frame and Li				
Conduit Junction Well, Type 11, Precast Concrete / Polymer Lid- FrameEA50744530FrameEA10744531FrameEA10744532FrameEA5744533Furnish & Install Frame and Lid, for Junction Well, Type 1EA3744534Furnish & Install Frame and Lid, for Junction Well, Type 5EA3744535Furnish & Install Frame and Lid, for Junction Well, Type 5EA3744536Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA2744537Furnish & Install Precast Polymer Cover for Junction Well, Type 8EA1744538Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744542Furnish & Install Frame and Lid, for Junction Well, Type 10EA1744543Furnish & Install Frame and Lid, for Junction Well, Type 14EA3744544Adjust or Repair Existing Conduit Junction WellType 15EA3744545Bonding & Grounding Existing Junction WellEA10744545Bonding & Grounding Existing Junction WellEA10744545Performance and Payment Bond, Open End Signal ContractLS1743004Furnish & Maintain Portable			-	
744530FrameEA50744531FrameConduit Junction Well, Type 14, Precast Concrete / Polymer Lid- FrameEA10744532FrameEA5744533Furnish & Install Frame and Lid, for Junction Well, Type 1EA3744534Furnish & Install Frame and Lid, for Junction Well, Type 4EA3744535Furnish & Install Frame and Lid, for Junction Well, Type 5EA3744536Furnish & Install Precast Polymer Cover for Junction Well, Type 6EA1744537Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA2744538Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744542Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 15EA3744544Adjust or Repair Existing Conduit Junction WellEA10744545Bonding & Grounding Existing Junction WellEA10744545Bonding & Grounding Existing Junction WellEA20744545Bonding & Grounding Existing Junction WellEA10744545Furnish & Maintain Portable Changeable Message BoardEA-DY100	744509		EA	1
144330FrameEAConduit Junction Well, Type 14, Precast Concrete / Polymer Lid- FrameEA744531FrameEA744532FrameEA744533Furnish & Install Frame and Lid, for Junction Well, Type 1EA744534Furnish & Install Frame and Lid, for Junction Well, Type 4EA744535Furnish & Install Frame and Lid, for Junction Well, Type 5EA744536Furnish & Install Frame and Lid, for Junction Well, Type 5EA744537Furnish & Install Precast Polymer Cover for Junction Well, Type 6EA744538Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA744538Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA744540Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA744542Furnish & Install Frame and Lid, for Junction Well, Type 11EA744543Furnish & Install Frame and Lid, for Junction Well, Type 15EA744544Adjust or Repair Existing Conduit Junction WellEA744545Bonding & Grounding Existing Junction WellEA745454Performance and Payment Bond, Open End Signal ContractLS743004Furnish & Maintain Portable Changeable Message BoardEA-DY743004Furnish & Maintain Portable Changeable Message BoardEA-DY743004Furnish & Maintain Port				50
744531FrameEA10744532FrameEA5744533Furnish & Install Frame and Lid, for Junction Well, Type 1EA3744534Furnish & Install Frame and Lid, for Junction Well, Type 4EA3744535Furnish & Install Frame and Lid, for Junction Well, Type 5EA3744536Furnish & Install Precast Polymer Cover for Junction Well, Type 6EA1744537Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA2744538Furnish & Install Precast Polymer Cover for Junction Well, Type 8EA1744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744542Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744543Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744544Algust or Repair Existing Conduit Junction Well, Type 14EA3744545Bonding & Grounding Existing Junction WellEA10743003Arrow Panels, Type CFrame1743003Arrow Panels, Type CFa-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY100743004Furnish & Maintain Truck-Mounted Attenuator, Type IEA-DY100743007Traffic OfficersHR	744530		EA	50
(74433)FrameEAConduit Junction Well, Type 15, Precast Concrete / Polymer Lid- 744533Frame5744533Framish & Install Frame and Lid, for Junction Well, Type 1EA3744534Furnish & Install Frame and Lid, for Junction Well, Type 5EA3744535Furnish & Install Precast Polymer Cover for Junction Well, Type 5EA1744537Furnish & Install Precast Polymer Cover for Junction Well, Type 6EA1744538Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA2744539Furnish & Install Precast Polymer Cover for Junction Well, Type 8EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744542Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744543Furnish & Install Frame and Lid, for Junction Well, Type 10EA1744544Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744545Furnish & Install Frame and Lid, for Junction Well, Type 15EA3744545Furnish & Install Frame and Lid, for Junction WellEA10744545Furnish & Install Frame and Lid, for Junction WellEA10744545Furnish & Maintall Frame and Lid, for Junction WellEA10744545Furnish & Install Frame and Lid, for Junction WellEA10744545Furnish & Maintall Precast Pol				10
744532FrameEA5744533Furnish & Install Frame and Lid, for Junction Well, Type 1EA3744534Furnish & Install Frame and Lid, for Junction Well, Type 4EA3744535Furnish & Install Frame and Lid, for Junction Well, Type 5EA3744536Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA2744537Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA1744538Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA1744539Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744542Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 14EA3744544Adjust or Repair Existing Conduit Junction WellType 15EA10744545Bonding & Grounding Existing Junction WellEA10743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743004Furnish & Maintain Portable Changeable Message BoardEA-DY100743004Furnish & Maintain Truck-Mounted Attenuator, Type IEA-DY100743005Flagger, New Castle County, StateHR	744531		EA	10
144332FrameEA744533Furnish & Install Frame and Lid, for Junction Well, Type 1EA744534Furnish & Install Frame and Lid, for Junction Well, Type 4EA744535Furnish & Install Frame and Lid, for Junction Well, Type 5EA744536Furnish & Install Precast Polymer Cover for Junction Well, Type 6EA744537Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA744538Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA744540Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA744541Furnish & Install Precast Polymer Cover for Junction Well, Type 11EA744542Furnish & Install Frame and Lid, for Junction Well, Type 11EA744543Furnish & Install Frame and Lid, for Junction Well, Type 11EA744544Adjust or Repair Existing Conduit Junction Well, Type 15EA744545Bonding & Grounding Existing Junction WellEA744545Bonding & Grounding Existing Junction WellEA743003Arrow Panels, Type CEA-DY743004Furnish & Maintain Portable Changeable Message BoardEA-DY743004Furnish & Maintain Portable Light Assembly (Flood Lights)EA-DY743006Plastic DrumsEA-DY100743007Traffic OfficersHR400743009Furnish And Maintain Truck-Mounted Attenuator, Type IEA-DY100743000				5
744534Furnish & Install Frame and Lid, for Junction Well, Type 4EA3744535Furnish & Install Frame and Lid, for Junction Well, Type 5EA3744536Furnish & Install Precast Polymer Cover for Junction Well, Type 6EA1744537Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA2744538Furnish & Install Precast Polymer Cover for Junction Well, Type 8EA1744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744542Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 15EA3744544Adjust or Repair Existing Conduit Junction WellType 15EA10744545Bonding & Grounding Existing Junction WellEA10743003Arrow Panels, Type CMISCELLANEOUS1743004Furnish & Maintain Portable Changeable Message BoardEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY3,000743004Furnish & Maintain Portable Changeable Message BoardEA-DY3,000743005Flargier, New Castle County, StateHR400743005Flagger, New Castle County, StateHR250				
744535Furnish & Install Frame and Lid, for Junction Well, Type 5EA3744536Furnish & Install Precast Polymer Cover for Junction Well, Type 6EA1744537Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA2744538Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA1744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744542Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 14EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 15EA3744544Adjust or Repair Existing Conduit Junction WellType 15EA744545Bonding & Grounding Existing Junction WellEA10744545Bonding & Grounding Existing Junction WellEA10744545MINCELLANEOUS100100743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY100743004Furnish & Maintain Portable Light Assembly (Flood Lights)EA-DY50743005Plastic DrumsEA-DY3,0003,000743006Plastic DrumsEA-DY100743007Traffic Offic				
744536Furnish & Install Precast Polymer Cover for Junction Well, Type 6EA1744537Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA2744538Furnish & Install Precast Polymer Cover for Junction Well, Type 8EA1744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744542Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 14EA3744544Adjust or Repair Existing Conduit Junction WellType 15EA10744545Bonding & Grounding Existing Junction WellEA10744545Bonding & Grounding Existing Junction WellEA10744546Performance and Payment Bond, Open End Signal ContractLS1743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743005Plastic DrumsEA-DY50743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				
744537Furnish & Install Precast Polymer Cover for Junction Well, Type 7EA2744538Furnish & Install Precast Polymer Cover for Junction Well, Type 8EA1744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744542Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 14EA3744544Adjust or Repair Existing Conduit Junction WellType 15EA1744545Bonding & Grounding Existing Junction WellEA1010743003Arrow Panels, Type CImage: Constant of the text of tex				
744538Furnish & Install Precast Polymer Cover for Junction Well, Type 8EA1744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744541Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744542Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 15EA3744544Adjust or Repair Existing Conduit Junction WellEA20744545Bonding & Grounding Existing Junction WellEA10MISCELLANEOUS763684Performance and Payment Bond, Open End Signal ContractLS1743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743006Plastic DrumsEA-DY3,000743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				
744539Furnish & Install Precast Polymer Cover for Junction Well, Type 9EA1744540Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744541Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744542Furnish & Install Frame and Lid, for Junction Well, Type 14EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 15EA3744544Adjust or Repair Existing Conduit Junction WellEA20744545Bonding & Grounding Existing Junction WellEA10744545Bonding & Grounding Existing Junction WellEA10763684Performance and Payment Bond, Open End Signal ContractLS1743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				
744540Furnish & Install Precast Polymer Cover for Junction Well, Type 10EA1744541Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744542Furnish & Install Frame and Lid, for Junction Well, Type 14EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 15EA3744544Adjust or Repair Existing Conduit Junction WellTeA20744545Bonding & Grounding Existing Junction WellEA10744545Bonding & Grounding Existing Junction WellEA10763684Performance and Payment Bond, Open End Signal ContractLS1743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				1
744541Furnish & Install Frame and Lid, for Junction Well, Type 11EA3744542Furnish & Install Frame and Lid, for Junction Well, Type 14EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 15EA3744544Adjust or Repair Existing Conduit Junction WellEA20744545Bonding & Grounding Existing Junction WellEA10744545Bonding & Grounding Existing Junction WellEA10744545Performance and Payment Bond, Open End Signal ContractLS1763684Performance and Payment Bond, Open End Signal ContractLS1743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				
744542Furnish & Install Frame and Lid, for Junction Well, Type 14EA3744543Furnish & Install Frame and Lid, for Junction Well, Type 15EA3744544Adjust or Repair Existing Conduit Junction WellEA20744545Bonding & Grounding Existing Junction WellEA10744545Bonding & Grounding Existing Junction WellEA10MISCELLANEOUS763684Performance and Payment Bond, Open End Signal ContractLS1743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743005Plastic DrumsEA-DY50743006Plastic DrumsEA-DY3,000743007Traffic OfficersHR400743010Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				
744543Furnish & Install Frame and Lid, for Junction Well, Type 15EA3744544Adjust or Repair Existing Conduit Junction WellEA20744545Bonding & Grounding Existing Junction WellEA10744545Bonding & Grounding Existing Junction WellEA10MISCELLANEOUS763684Performance and Payment Bond, Open End Signal ContractLS1743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743004Furnish & Maintain Portable Light Assembly (Flood Lights)EA-DY3,000743007Traffic OfficersHR400743010Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250			EA	
744544Adjust or Repair Existing Conduit Junction WellEA20744545Bonding & Grounding Existing Junction WellEA10MISCELLANEOUS			EA	
744545Bonding & Grounding Existing Junction WellEA10MISCELLANEOUS			EA	3
MISCELLANEOUSImage: Contract of the state of			EA	20
763684Performance and Payment Bond, Open End Signal ContractLS1MAINTENANCE OF TRAFFIC	744545	Bonding & Grounding Existing Junction Well	EA	10
763684Performance and Payment Bond, Open End Signal ContractLS1MAINTENANCE OF TRAFFIC				
MAINTENANCE OF TRAFFIC743003Arrow Panels, Type C743004Furnish & Maintain Portable Changeable Message Board743004Furnish & Maintain Portable Light Assembly (Flood Lights)743006Plastic Drums743007Traffic Officers743009Furnish and Maintain Truck-Mounted Attenuator, Type I743010Furnish And Maintain Truck Mounted Attenuator, Type II743024Temporary Warning Signs and Plaques743050Flagger, New Castle County, StateHR250				
743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743004Furnish & Maintain Portable Light Assembly (Flood Lights)EA-DY50743006Plastic DrumsEA-DY3,000743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250	763684	Performance and Payment Bond, Open End Signal Contract	LS	1
743003Arrow Panels, Type CEA-DY100743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743004Furnish & Maintain Portable Light Assembly (Flood Lights)EA-DY50743006Plastic DrumsEA-DY3,000743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250		MAINTENANCE OF TRAFFIC		
743004Furnish & Maintain Portable Changeable Message BoardEA-DY140743004Furnish & Maintain Portable Light Assembly (Flood Lights)EA-DY50743006Plastic DrumsEA-DY3,000743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250	743003		EA-DY	100
743004Furnish & Maintain Portable Light Assembly (Flood Lights)EA-DY50743006Plastic DrumsEA-DY3,000743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				
743006Plastic DrumsEA-DY3,000743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				
743007Traffic OfficersHR400743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				
743009Furnish and Maintain Truck-Mounted Attenuator, Type IEA-DY10743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				· · · · · · · · · · · · · · · · · · ·
743010Furnish And Maintain Truck Mounted Attenuator, Type IIEA-DY100743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				
743024Temporary Warning Signs and PlaquesEA-DY800743050Flagger, New Castle County, StateHR250				
743050 Flagger, New Castle County, State HR 250				
	743051	Flagger, Kent County, State	HR	85

#### **DELAWARE DEPARTMENT OF TRANSPORTATION**

Contract No. DOT1217 - TRAFFMAINT EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE

Traffic Section

Page 53 of 54

743052	Flagger, Sussex County, State	HR	170
	Flagger, New Castle County, Federal	HR	50
	Flagger, Kent County, Federal	HR	20
	Flagger, Sussex County, Federal	HR	35
	Flagger, New Castle County, State, Overtime	HR	25
	Flagger, Kent County, State, Overtime		
		HR	10
	Flagger, Sussex County, State, Overtime	HR	20
	Flagger, New Castle County, Federal, Overtime	HR	5
	Flagger, Kent County, Federal, Overtime	HR	2
745007	Flagger, Sussex County, Federal, Overtime	HR	4
	DOLES MAST ADMS DOLE DASES		
	POLES, MAST ARMS, POLE BASES		
	Installation of Pedestal Pole	EA	80
	Installation of Wood Pole	EA	2
	Furnish & Install Ground Rod	EA	2
	Furnish & Install Weatherhead, up to 3", on Steel Pole	EA	4
746850	Pole Base Type 4	EA	40
	SIGNAL HEADS, PEDESTRIAN BUTTONS, EMERGENCY		
	PREEMPTION		
746929	Furnish & Install 8" LED Signal Head Section, Rigid Mount	EA	4
	Furnish & Install 8" LED Signal Head Section, Span Mount	EA	6
	Furnish & Install 8" LED Traffic Signal Head Indication Module	EA	20
	Furnish & Install 12" LED Signal Head Section, Rigid Mount	EA	60
·····	Furnish & Install 12" LED Signal Head Section, Span Mount	EA	120
	Furnish & Install 12" LED Traffic Signal Head Indication Module	EA	200
	Furnish & Install Signal Head Backplate	EA	5
	Furnish and Install 16" LED Countdown Pedestrian Signal	EA	80
	Furnish & Install 16" LED Pedestrian Signal Head Indication		
	Module	EA	20
746937	Furnish & Install Pedestrian Pushbutton with Sign	EA	120
	Realign or Slide Existing Signal Head	EA	50
	Furnish & Install Opticom Emergency Preemption Detector	EA	20
	Furnish 8" LED Signal Head Section,	EA	15
	Furnish 8" LED Traffic Signal Head Indication Module	EA	45
	Furnish 12" LED Signal Head Section	EA	90
	Furnish 12" LED Traffic Signal Head Indication Module	EA	120
	Furnish 16" LED Countdown Pedestrian Signal	EA	40
	Furnish 16" LED Pedestrian Signal Head Indication Module	EA	20
	Furnish Pedestrian Pushbutton Assembly	EA	60
	SIGNS		
	Install Overhead Sign	SF	150
746950	Furnish Solar-Powered Radar Speed Sign	EA	15
	8011		
	SOIL	TON	50
	Topsoil	TON	50
736001	Sodding	SY	200

#### **DELAWARE DEPARTMENT OF TRANSPORTATION**

 Contract No. DOT1217 – TRAFFMAINT
 EMERGENCY HIGHWAY ITS AND TRAFFIC MAINTENANCE

 Traffic Section
 Page 54 of 54

22	SPAN, MESSENGER, AND GUY WIRE		
746501	Furnish & Install Down Guy and Anchor	EA	20
746504	Furnish & Install Span Wires, 7/16"	LF	1,000
746506	Furnish & Install Span Wires, 1/4"	LF	250
746703	Furnish & Install Dead End Messenger Wire Attachment	EA	2
746704	Adjustment of Span or Messenger Wire	EA	10
746706	Transfer of Existing Span or Messenger Attachment	EA	5
	REMOVAL		
	Traffic Control Device Equipment Turn on, Pick up, Removal &		5
746939	Maintenance, Type I	EA	5
	Traffic Control Device Equipment Turn on, Pick up, Removal &		3 -
746940	Maintenance, Type II	EA	3
	Traffic Control Device Equipment Turn on, Pick up, Removal &		2
74 <mark>6</mark> 941	Maintenance, Type III	EA	Z

# WEBSITE COPY