

W ESPLANADE AVENUE TRAFFIC SIGNAL UPGRADE
(Power Blvd. to Lake Ave.)
BID PROPOSAL NO. p50-00149640
ADDENDUM NO.1
DATE: 4/7/2026
PAGE 1 OF 18

CONTRACT DOCUMENTS, SPECIFICATIONS AND
CONTRACT DRAWINGS

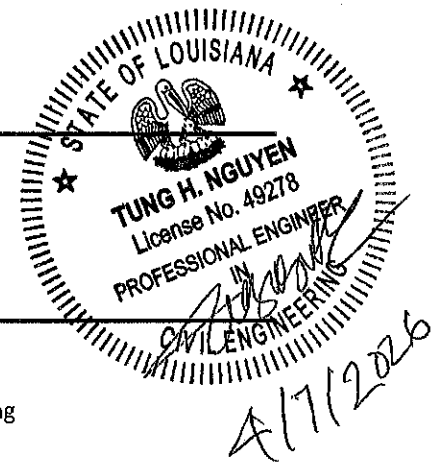
FOR
W ESPLANADE AVENUE TRAFFIC SIGNAL UPGRADE
(POWER BOULEVARD TO LAKE AVENUE)

JP PROJECT NO. 2025-013-TR
BID PROPOSAL NO. 50-00149640

ADDENDUM NO.1

DATE ISSUED: April 7, 2026

BID DATE: APRIL 16, 2026 AT 2:00 PM
BID LOCATION: Jefferson Parish General Government Building
Jefferson Parish Purchasing Dept., Suite 4400
200 Derbigny St., Suite 4400 Gretna, LA 70053



This addendum shall be part of the Contract Documents as provided in the instructions to Bidders.

The following items are issued to add to, modify, and clarify the Contract Documents. These items shall have full force and effect as the Contract Documents, and the cost involved shall be included in the bid prices.

Acknowledge receipt of the addendum by inserting its number on the Bid Form of the Bid Documents. Failure to do so will subject the bidder to rejection.

Addendum No. 1 Consists of 18 pages including this page.

ITEMS:

1. **Bidder Questions and Answers:** No written questions were received from bidders by the Jefferson Parish Purchasing Department before the close of business at 4:00 PM on April 1, 2026. Therefore, no responses will be issued.
2. **Pre-Bid Sign In Sheet:** Attached is the sign in sheet of all people that attended the non-mandatory pre-bid meeting at the Jefferson Parish Purchasing Department on Thursday, March 26, 2026.
3. **Updated Bid Affidavit Form:** Contractors are required to discard the original form use the updated Bid Affidavit form attached to this Addendum No.1.
4. **Updated Summary of Estimated Quantities - Sheet Number 2:** The Summary of Estimated Quantities Sheet was updated to reflect the changes on the plan.
5. **Sheet Number 4 was removed and replaced with Sheet Number 4a:** The updated Plan Sheet 4a for the intersection at Elmwood Pkwy at Esplanade is included in the attachments and replaced the previous Sheet Number 4.
6. **The Louisiana Uniform Public Work Bid Form (pages BF-1 thru BF-3) has been revised per Addendum 1:** Contractors are required to discard the original form and use the updated Louisiana Uniform Public Bid Form attached to this Addendum No. 1. The changes to the original form are noted below:

Original quantity bid items for BASE BID

- NS-P26-00014 4" PVC CONDUIT
QUANTITY 66 UNIT OF MEASURE: LN. FT.
- NS-P26-00021 CONTROL CABINET FOUNDATION
QUANTITY 14 UNIT OF MEASURE: EACH
- NS-P26-00062 CONTROL CABINET AND RELATED EQUIPMENT
QUANTITY 15 UNIT OF MEASURE: EACH
- NS-P26-00079 VIDEO DETECTION SYSTEM
QUANTITY 15 UNIT OF MEASURE: EACH

New quantity bid items for BASE BID

- NS-P26-00014 4" PVC CONDUIT
QUANTITY 82 UNIT OF MEASURE: LN. FT.
- NS-P26-00021 CONTROL CABINET FOUNDATION
QUANTITY 15 UNIT OF MEASURE: EACH
- NS-P26-00062 CONTROL CABINET AND RELATED EQUIPMENT
QUANTITY 16 UNIT OF MEASURE: EACH
- NS-P26-00079 VIDEO DETECTION SYSTEM
QUANTITY 16 UNIT OF MEASURE: EACH

7. **Replace Technical Specification at Elmwood Pkwy and West Esplanade Ave. entirely with the attached version.** Changes are noted below:

- Add the following to Section I: SCOPE OF WORK TO BE PERFORMED:
 1. Approximately sixteen feet (16') of four-inch (4") PVC conduit.
 2. One traffic signal controller, control cabinet, raised cabinet foundation and related equipment according to attached plans and specifications.
 3. Video Detection equipment as noted on plans and section III C-2 of these specifications and ensuing documentation.

ATTACHMENTS:

1. Pre-Bid Conference Sign-In Sheet (1 Pages)
2. Louisiana Uniform Public Work Bid Form (3 Pages)
3. Generic Bid Affidavit (4 Pages)
4. Sheet 2: Summary of Estimated Quantities. (1 Page)
5. Plan Sheet 4a
 "ELMWOOD PKWY AND WEST ESPLANADE AVE" (1 Page)
6. Technical Specification for Elmwood Pkwy Intersection
 "ELMWOOD PKWY AND WEST ESPLANADE AVE" (5 Pages)

PRE-BID CONFERENCE SIGN-IN SHEET

DESCRIPTION: W. Esplanade Avenue Traffic Signal Upgrade (Power Boulevard to Lake Avenue) for the Jefferson Parish Department of Engineering

BID #:50-00149640

LOCATION: General Government Building 200 Derbigny St. Suite 4400 Gretna, La 70053

DATE AND TIME: 03/26/2026 at 10:00 a.m.

START TIME: 10:00 A.M STOP TIME: 10:29

COMPLETE COMPANY NAME	COMPANY REPRESENTATIVE	PHONE	EMAIL ADDRESS	SIGN-IN TIME	SIGN-OUT TIME
WJBE	Rolando J. Dominguez	504-302-7405	estimating@wjbe.com	9:50	
JP Engineering	Randal Bonura	(504) 736-6817	randal.bonura@jeffparish.gov	9:54	
JP Traffic Engineering	Mack Richburg	504-415-0814	mack.richburg@jeffparish.gov	9:59	

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Jefferson Parish Purchasing Department
200 Derbigny Street, Suite 4400
Gretna, LA 70053

(Owner to provide name and address of owner)

BID FOR: W Esplanade Avenue Traffic Signal Upgrade (Power
Boulevard to Lake Avenue)
Project No. 2025-013-TR
Bid No. 50-00149640 REVISED PER ADDENDUM NO.1

(Owner to provide name of project and other identifying information)

The undersigned bidder hereby declares and represents that she/he: a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: Jefferson Parish, Department of
Engineering and dated: July 2025
(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) _____ .

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:
_____ Dollars (\$ _____)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:
N/A Dollars (\$ _____)

Alternate No. 2 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:
N/A Dollars (\$ _____)

Alternate No. 3 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:
N/A Dollars (\$ _____)

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

LOUISIANA CONTRACTOR'S LICENSE NUMBER: _____

NAME OF AUTHORIZED SIGNATORY OF BIDDER: _____

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: _____

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: _____

DATE: _____

THE FOLLOWING ITEMS ARE TO BE INCLUDED WITH THE SUBMISSION OF THIS LOUISIANA UNIFORM PUBLIC WORK BID FORM:

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** **A CORPORATE RESOLUTION OR WRITTEN EVIDENCE** of the authority of the person signing the bid for the public work as prescribed by LA R.S. 38:2212(B)(5).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA R.S. 38:2218(A) attached to and made a part of this bid.

LOUISIANA UNIFORM PUBLIC WORK BID FORM

UNIT PRICE FORM

TO: Jefferson Parish Purchasing Department
200 Derbigny Street, Suite 4400
Gretna, LA 70053

(Owner to provide name and address of owner)

BID FOR: W Esplanade Avenue Traffic Signal Upgrade (Power
Boulevard to Lake Avenue)
Project No. 2025-013-TR
Bid No. 50-00149640 REVISED PER ADDENDUM NO.1

(Owner to provide name of project and other identifying information)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-40100	1	LUMP SUM		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ TEMPORARY SIGNS AND BARRICADES			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
713-01-00100	1	LUMP SUM		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
727-01-00100	1	LUMP SUM		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ CENTRACS TRAFFIC MANAGEMENT SYSTEM LICENSE EXTENSION (15 INTERSECTIONS)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
CS-001	1	LUMP SUM		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ 2" PVC CONDUIT			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
NS-P26-00008	8	LIN. FT.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ 3" PVC CONDUIT			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
NS-P26-00011	24	LIN. FT.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ 4" PVC CONDUIT			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
NS-P26-00014	82	LIN. FT.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ CONTROL CABINET FOUNDATION			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
NS-P26-00021	15	EACH		

Wording for "DESCRIPTION" is to be provided by the Owner.

All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner.

LOUISIANA UNIFORM PUBLIC WORK BID FORM

UNIT PRICE FORM

TO: Jefferson Parish Purchasing Department
200 Derbigny Street, Suite 4400
Gretna, LA 70053

(Owner to provide name and address of owner)

BID FOR: W Esplanade Avenue Traffic Signal Upgrade (Power
Boulevard to Lake Avenue)
Project No. 2025-013-TR
Bid No. 50-00149640 REVISED PER ADDENDUM NO.1

(Owner to provide name of project and other identifying information)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ CONTROL CABINET AND RELATED EQUIPMENT			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
NS-P26-00062	16	EACH		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ VIDEO DETECTION SYSTEM			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
NS-P26-00079	16	EACH		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ TRAFFIC SIGNAL CONTROLLER			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
NS-P26-99901	16	EACH		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ GPS PREEMPTION AND COMMUNICATIONS			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
NS-P26-99902	18	EACH		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ BATTERT BACK UP SYSTEM			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
NS-P26-99903	4	EACH		

Wording for "DESCRIPTION" is to be provided by the Owner.
All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner.

Bid Affidavit Instructions

This affidavit is supplied as a courtesy to Affiant. It is the responsibility of the affiant to insure the affidavit submitted to Jefferson Parish complies, in both form and content, with federal, state and parish laws. It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.

The Affidavit MUST comply with the following requirements to be accepted.

- Must be signed by an authorized representative of the entity.
- Must be notarized by a notary with proper jurisdiction who must sign and print name, and include bar/notary number.
- Location where the notarization is taking place should be filled in at the top of the affidavit – not the location of the contract services.
- MUST select either Choice A or B when required.
- If choice A is selected, it must include an attachment.

Affidavits with the following WILL NOT be accepted.

- If both choice A and B are selected, the affidavit will not be accepted.
- An affidavit marked N/A will not be accepted.
- An affidavit missing attachment(s) when required will not be accepted.
- An affidavit that is notarized by a notary who does not have jurisdiction in the place where notarized or is not active will not be accepted.
- Affidavits that are older than six (6) months will not be accepted.

Instruction sheet may be omitted when submitting the affidavit.

BID AFFIDAVIT

STATE OF _____

PARISH/COUNTY OF _____

BEFORE ME, the undersigned authority, personally came and appeared:

_____ (Affiant) who after being duly sworn by me, deposed and

said that he/she is the fully authorized _____ (Title) of

_____ (Entity), who submitted a bid to the Parish of Jefferson, and who attested as follows:

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B _____ There are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Affiant further said:

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish of Jefferson to the Affiant.

Choice B _____ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

LA. R.S. 38:2227 PAST CRIMINAL CONVICTIONS OF BIDDERS

A. No sole proprietor or individual partner, incorporator, director, manager, officer, organizer, or member who has a minimum of a ten percent (10%) ownership in the bidding entity named below has been convicted of, or has entered a plea of guilty or nolo contendere to any of the following state crimes or equivalent federal crimes:

- (a) Public bribery (R.S. 14:118)
- (b) Corrupt influencing (R.S. 14:120)
- (c) Extortion (R.S. 14:66)
- (d) Money laundering (R.S. 14:230)

B. Within the past five years from the project bid date, no sole proprietor or individual partner, incorporator, director, manager, officer, organizer, or member who has a minimum of a ten percent (10%) ownership in the bidding entity named below has been convicted of, or has entered a plea of guilty or nolo contendere to any of the following state crimes or equivalent federal crimes, during the solicitation or execution of a contract or bid awarded pursuant to the provisions of Chapter 10 of Title 38 of the Louisiana Revised Statutes:

- (a) Theft (R.S. 14:67)
- (b) Identity Theft (R.S. 14:67.16)
- (c) Theft of a business record (R.S.14:67.20)
- (d) False accounting (R.S. 14:70)
- (e) Issuing worthless checks (R.S. 14:71)
- (f) Bank fraud (R.S. 14:71.1)
- (g) Forgery (R.S. 14:72)
- (h) Contractors; misapplication of payments (R.S. 14:202)
- (i) Malfeasance in office (R.S. 14:134)

Affiant further said:

LA. R.S. 38:2212.10 VERIFICATION OF EMPLOYEES

- A. At the time of bidding, Appearer is registered and participates in a status verification system to verify that all new hires in the state of Louisiana are legal citizens of the United States or are legal aliens.
- B. If awarded the contract, Appearer shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the state of Louisiana.
- C. If awarded the contract, Appearer shall require all subcontractors to submit to it a sworn affidavit verifying compliance with Paragraphs (A) and (B) of this Subsection.

Affiant further said:

**LA. R.S. 23:1726(B) CERTIFICATION REGARDING UNPAID WORKERS
COMPENSATION INSURANCE**

- A. R.S. 23:1726 prohibits any entity against whom an assessment under Part X of Chapter 11 of Title 23 of the Louisiana Revised Statutes of 1950 (Alternative Collection Procedures & Assessments) is in effect, and whose right to appeal that assessment is exhausted, from submitting a bid or proposal for or obtaining any contract pursuant to Chapter 10 of Title 38 of the Louisiana Revised Statutes of 1950 and Chapters 16 and 17 of Title 39 of the Louisiana Revised Statutes of 1950.

- B. By signing this Affidavit, Affiant certifies that no such assessment is in effect against the bidding /proposing entity.

Signature of Affiant

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME,
NOTARY PUBLIC ON THE _____ DAY
OF _____, 20_____.

Notary Public


Printed Name of Notary

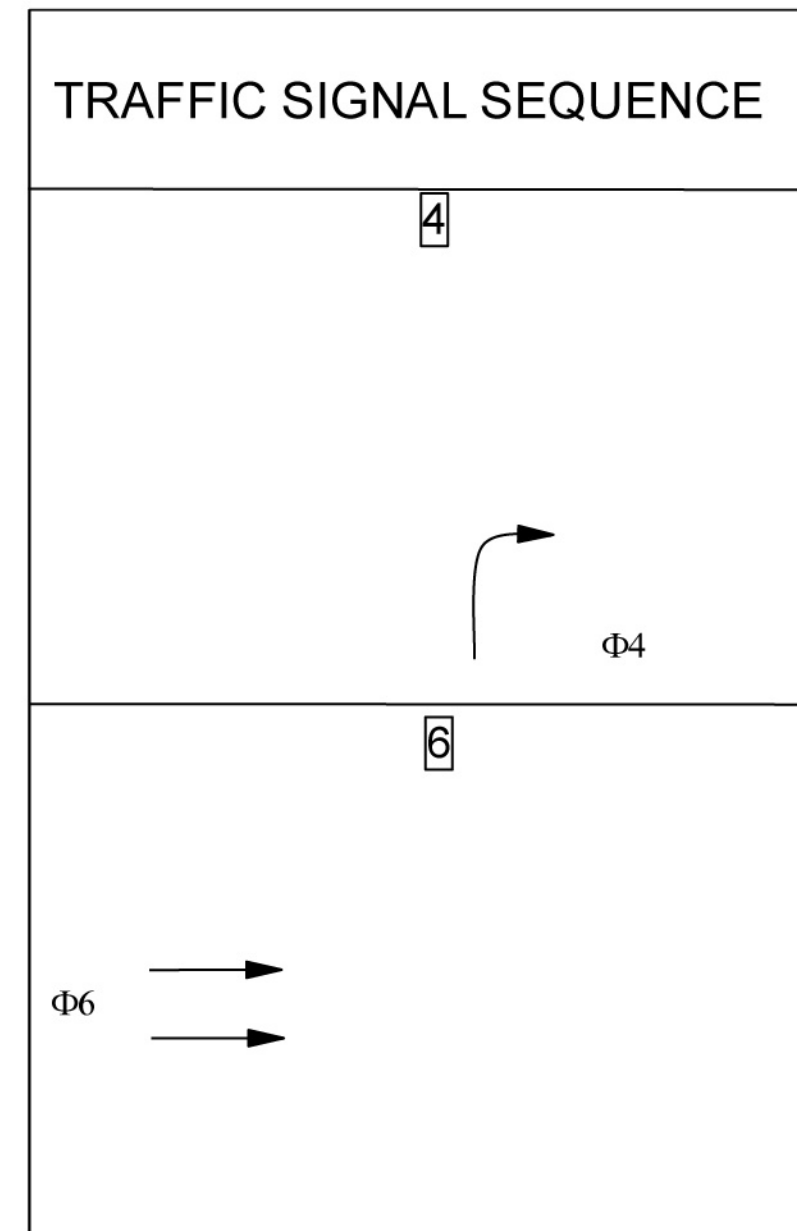
Notary/Bar Roll Number

My commission expires _____.

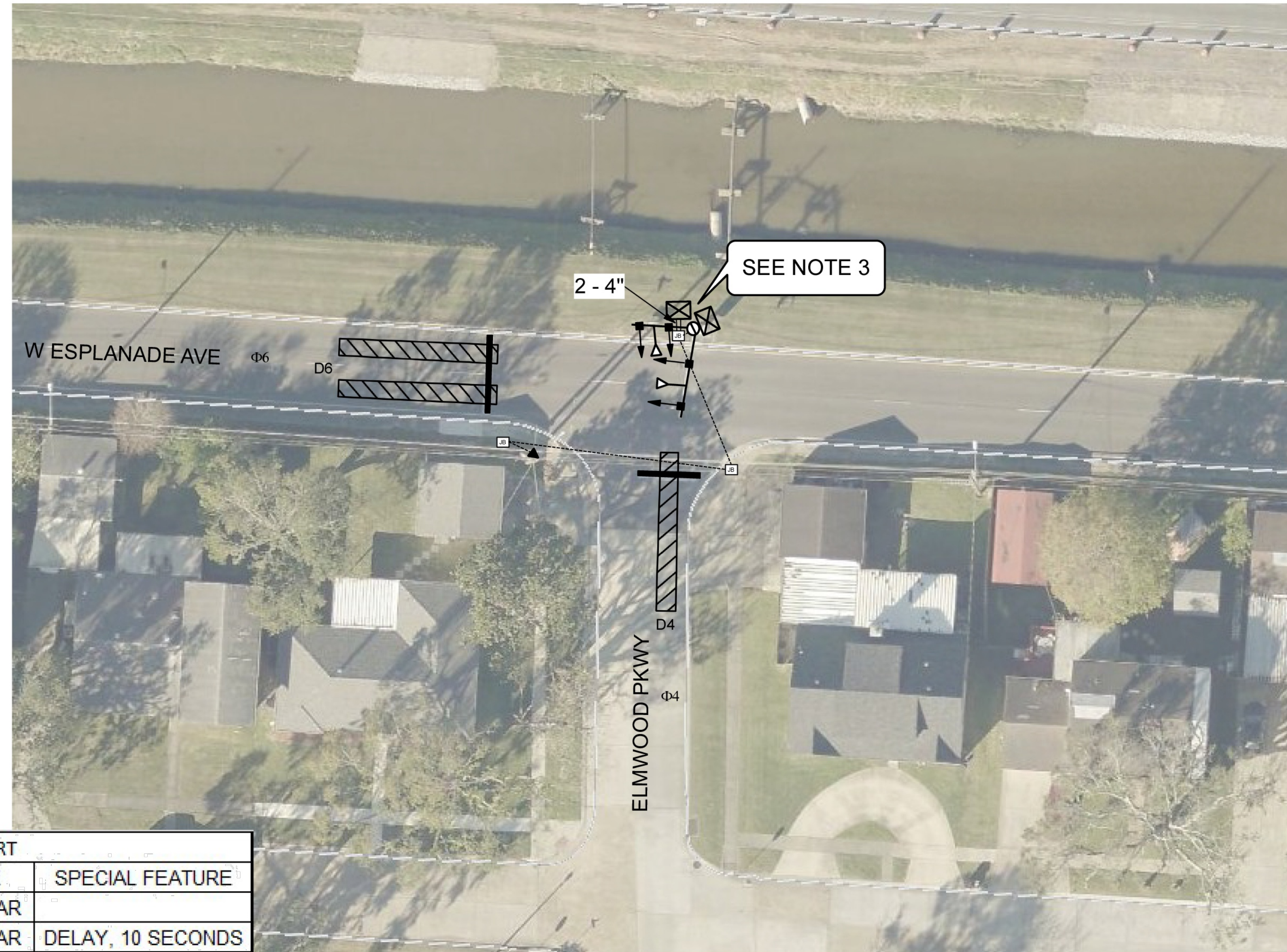
SUMMARY OF ESTIMATED QUANTITIES

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
202-02-40100	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	LUMP SUM	1
713-01-00100	TEMPORARY SIGNS AND BARRICADES	LUMP SUM	1
727-01-00100	MOBILIZATION	LUMP SUM	1
CS-001	CENTRACS TRAFFIC MANAGEMENT SYSTEM LICENSE EXTENSION (15 INTERSECTIONS)	LUMP SUM	1
NS-P26-00008	2" PVC CONDUIT	LIN. FT.	8.0
NS-P26-00011	3" PVC CONDUIT	LIN. FT.	24.0
NS-P26-00014	4" PVC CONDUIT	LIN. FT.	82.0
NS-P26-00021	CONTROL CABINET FOUNDATION	EACH	15
NS-P26-00062	CONTROL CABINET AND RELATED EQUIPMENT	EACH	16
NS-P26-00079	VIDEO DETECTION SYSTEM	EACH	16
NS-P26-99901	TRAFFIC SIGNAL CONTROLLER	EACH	16
NS-P26-99902	GPS PREEMPTION AND COMMUNICATIONS	EACH	18
NS-P26-99903	BATTERY BACK UP SYSTEM	EACH	4

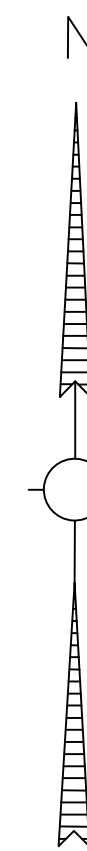
SHEET NUMBER	2	PARISH	JEFFERSON PARISH	PROJECT NUMBER	2025-013-TR	STATE PROJECT	N/A
DESIGN CHECK	DETAIL CHECK	REVIEW	SERIES #				
REVISION OR CHANGE ORDER DESCRIPTION							
NO.	DATE						
BY							
W. ESPLANADE AVE TRAFFIC SIGNAL UPGRADE SUMMARY OF ESTIMATED QUANTITIES							
							



* Φ6 YELLOW, Φ4 RED CONFLICT FLASH



LEGEND		
EXISTING	PROPOSED	DESCRIPTION
☒	☒	CONTROL CABINET
⤴		MAST ARM WITH SIGNAL
—	▨	24" STOP BAR MARKING
	▨	VIDEO DETECTION ZONE AND NUMBER
	▶	VIDEO DETECTION CAMERA AND NUMBER
□		JUNCTION BOX
---	—	CONDUIT
▲		ELECTRICAL SERVICE



VEHICLE DETECTION CHART					
DET. NO	SIZE	DEVICE	PHASE	TYPE	SPECIAL FEATURE
D6	2-6' X 60'	V1	Φ6	STOPBAR	
D4	6' X 60'	V2	Φ4	STOPBAR	DELAY, 10 SECONDS

NOTES:

- ALL WORK SHALL MEET JEFFERSON PARISH STANDARDS.
- EXISTING EQUIPMENT SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION OF JUNCTION BOXES, MANHOLES, ETC.
- EXISTING POLE MOUNTED CONTROL CABINET TO BE REMOVED AND INSTALL NEW RAISED CABINET FOUNDATION AND NEW CONTROL CABINET IN NEW LOCATION.
- EXISTING EQUIPMENT TO BE REMOVED AT PROPER TIME IN THE COURSE OF WORK AS PER ACCOMPANYING SPECIFICATIONS. ALL SALVAGED EQUIPMENT SHALL BE DELIVERED TO 2100 DICKORY AVE HARAHAN LA 70123.
- EXISTING SIGNAL PHASING AND TIMING TO REMAIN UNLESS OTHERWISE DIRECTED BY JEFFERSON PARISH TRAFFIC ENGINEERING DIVISION.
- CONTRACTOR SHALL PROVIDE ALL EQUIPMENT SUBMITTALS TO JEFFERSON PARISH TRAFFIC ENGINEERING DIVISION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SIGNAL OPERATIONS DURING CONSTRUCTION. CONTRACTOR MAY UTILIZE EXISTING SIGNAL EQUIPMENT, TEMPORARY SIGNAL EQUIPMENT, OR REQUIRED SIGNAL EQUIPMENT AT THEIR DISCRETION TO MAINTAIN SIGNALIZATION. POLICE CONTROL SHALL BE PROVIDED AT ANY TIME THE SIGNAL IS NOT IN FULL OPERATION. *THIS SHALL BE INCLUDED UNDER TEMPORARY SIGNS AND BARRICADES.
- EXISTING SIGNAGE IS NOT SHOWN BUT IS TO REMAIN.
- EXISTING DETECTION LOOPS ARE NOT SHOWN BUT ARE TO REMAIN.
- VIDEO DETECTION CABLE TO BE INSTALLED VIA NEW CONDUIT, AND EXISTING JUNCTION BOXES, AS SHOWN.
- CONTRACTOR TO INSTALL GPS PREEMPTION AND COMMUNICATION EQUIPMENT IN NEW TRAFFIC SIGNAL CABINET AS PER ACCOMPANYING SPECIFICATIONS.

JEFFERSON PARISH

PARISH

DESIGN CHECK

Detailed description of design check status

DETAIL CHECK

Detailed description of detail check status

REVIEW

Detailed description of review status

REVISION OR CHANGE ORDER DESCRIPTION

BY

NO.

DATE

W. ESPLANADE AVE

TRAFFIC SIGNAL UPGRADE

ELMWOOD PKWY AT W ESPLANADE AVE

Jefferson Parish

State of Louisiana

**SPECIFICATIONS FOR THE MATERIALS AND INSTALLATION OF
TRAFFIC SIGNAL EQUIPMENT TO BE LOCATED AT THE INTERSECTION
OF:**

ELMWOOD PKWY AND WEST ESPLANADE AVE

SECTION I: SCOPE OF WORK TO BE PERFORMED:

- A. As shown on the attached plans, the contractor shall furnish and install the following:
1. Approximately sixteen feet (16') of four-inch (4") PVC conduit.
 2. One traffic signal controller, control cabinet, raised cabinet foundation and related equipment according to attached plans and specifications.
 3. Video Detection equipment as noted on plans and section III C-2 of these specifications and ensuing documentation.
 4. GPS preemption and communication equipment as noted on plans and in section III C-4 of these specifications and ensuing documentation.
- B. **TIME OF COMPLETION:** The contractor shall proceed with work within ten (10) calendar days of receipt of work order. All work required herein shall be completed and the signal system in operation within ninety (90)-calendar days after the Notice To Proceed.
- C. **MATERIAL AND SIGNAL EQUIPMENT SUBMITTAL:** All material and signal equipment to be purchased and used by the contractor for construction of this project shall be submitted to Jefferson Parish Traffic Engineering Division for approval prior to purchasing.
- D. **STIPULATED DAMAGES:** Stipulated damages shall be assessed each day that expires 90 calendar days from the date of the Notice-to-Proceed until the work is complete and ready for final payment. The amount shall be as specified in section 108.08, Table 108-1 of the Louisiana Standard Specifications for Roads and Bridges, 2016 edition.
- E. **PERFORMANCE BOND:** A Payment and Performance Bond equal to the amount of 100 % of the project will be required in accordance with Jefferson Parish ordinances.

SECTION II. DETAILS:

- A. After notification of awarding of the contract and prior to construction and equipment purchase, the Jefferson Parish Traffic Engineering Division shall call a pre-construction meeting. Attendees of the pre-construction meeting shall include the Jefferson Parish Traffic Engineering Division Signal

Supervisor, the Electrical Contractor, and the Jefferson Parish Traffic Engineering Division Project Coordinator/Engineer.

- B. Jefferson Parish, upon request, will provide a plan showing the APPROXIMATE location of all PARISH UTILITIES, i.e.: water, drainage, sewerage. Additionally, the location of the signal poles on the signal plan are such to avoid conflict with these utilities. It is the contractor's responsibility to contact **Louisiana One Call** and other service providers (Entergy, Cox Communications, etc.) to have all utilities located BEFORE holes are augered and piles driven. Should there be a conflict with the location of a signal pole during the auguring process, the contractor shall halt all construction regarding the subject pole, and call the Traffic Engineering Office to have the Signal Supervisor and/or the Jefferson Parish Project Engineer find another suitable location for the subject signal pole.
- C. Private utilities located on public right-of-way which are required to be relocated or de-energized at the job site or removed entirely from the job site to accommodate the project will be done so at no cost to the Contractor. Any such relocation/removal has to be necessary for the construction of the project and as described in the plans or specifications. If during construction the Contractor determines that additional relocations/removals are necessary to perform the work, then the approval of the engineers and the owner will be required. If the engineers and the owner agree with the additional relocations/removals, then it will also be accomplished at no expense to the contractor.
- D. The contractor shall secure all necessary permits and/or inspections of the Jefferson Parish Inspection and Code Enforcement Department. It is the responsibility of the contractor to adhere to all Jefferson Parish ordinances, and NEC codes for electrical installation.
- E. The contractor shall follow all Jefferson Parish Department of Public Works procedures and requirements for boring and street cutting operations.
- F. The contractor shall restore areas of soil, sod and other plantings to their original state. The contractor shall repair all sidewalks, driveways, roadways, etc., which are damaged due to signal construction.
- G. The contractor shall be responsible for providing safe and expeditious movement of traffic through the construction zones for the duration of the construction period. This shall include but not be limited to the installation and maintenance of such items as proper construction warning signs, signals, lighting devices, markings, barricades, channelization, and hand signaling devices (flagging operations) as prescribed and set forth in Part VI of the current Manual on Uniform Traffic Control Devices as revised. The contractor shall provide a traffic control device plan for review by the Jefferson Parish Traffic Engineering Division prior to the start of construction. The Traffic Control Device Plan shall be submitted at the pre-

construction meeting to be arranged by the contractor **prior to** beginning any construction. Additionally, the contractor shall provide sufficient notification (at least 48 hours) to the Jefferson Parish Traffic Engineering Division of the necessity to close any portion of the roadway carrying vehicles or pedestrians. At no time will more than one lane of a roadway be closed to vehicles or pedestrians. With any such closings, adequate provision shall be made for the safe expeditious movement of each. The contractor shall be responsible for removal, relocation, and/or replacement of any traffic control device in the construction area, which exists as part of the normal pre-construction traffic control scheme. Any such actions shall be performed by the contractor under the supervision, and in accordance with the specifications of the Traffic Engineering Division unless otherwise specified. The contractor should consult with the Traffic Engineering Division immediately on any vehicular or pedestrian safety or efficiency problem incurred as a result of construction of the project.

- H. All turns in PVC conduit to be made with thirty-six inch (36") long sweep elbows unless otherwise specified by the Traffic Engineering Division.
- I. Standard elbows shall be used when entering all pull boxes.
- J. The MAXIMUM allowable distance between successive pull boxes shall be no greater than eighty feet (80').
- K. Long sweep PVC elbows to be used when entering all foundations.
- L. All signal cable to be continuous and unspliced from controller cabinet to appropriate transformer base. ***NOTE: NO SPLICES ARE TO BE MADE IN STRAIN POLES OR CONDUIT UNDER ANY CIRCUMSTANCES.**
- M. One complete loop of cable shall be installed in all manholes, pull boxes, and transformer bases. The size of the loop shall be approximately equivalent to the inner diameter of the enclosure (i.e. pull box, manhole, etc.)
- N. Exact horizontal and vertical location of all traffic signal heads, foundations, and detectors to be as specified by the Traffic Engineering Division.
- O. Curbing is not to be cut when installing loop detectors.
- P. All controller and cabinet electrical connections necessary for turn-on to be made by Jefferson Parish Traffic Engineering Division.
- Q. All cabinet keys to be delivered to the Traffic Engineering Division upon completion of the project.
- R. All PVC conduits installed in mast arm foundations, cabinet foundations, pedestal foundations, and/or pull boxes shall include a bell-end or other appropriate bushing installed on the exposed end entering the fixture (i.e. transformer base, pull box, cabinet, etc.)

SECTION III. MATERIAL/EQUIPMENT/INSTALLATION INSTRUCTIONS:

The contractor shall furnish and install:

A. All conduit as shown on the attached drawings as follows:

1. All schedule #40 polyvinyl chloride conduit (PVC) and fittings as shown on the attached plans, and noted in Section I for underground installation.

All joints shall be solvent welded and watertight.

Conduit to be installed a minimum of three feet (3') below grade, unless otherwise specified by the Traffic Engineering Division. When boring operations are employed, the contractor shall bore from one side of the roadway to the other. All excavations on side of roadway to be restored to their original condition.

B. Each control cabinet foundation to include one (1) ten-foot (10') ground rod.

All foundations for the mast arm assemblies and control cabinets as per attached sketches. Foundations shall be Class S, 3800 psi concrete mix. Anchor bolts furnished with assemblies shall be installed according to manufacturer's specifications prior to pouring of concrete. All PVC elbows to extend two inches (2") above the top and in the center of the foundation, and shall include a bell-end or other appropriate bushing. Concrete shall be tamped while pouring and allowed to cure a minimum of seven (7) days before installation of the signal assembly.

C. All controller and cabinet related equipment as follows:

1. One (1) Econolite controller, Cobalt series, fully actuated unit with full complement of operational, programming, diagnostics capabilities, NEMA Standard type P cabinet, model P44DD, base mount with rear door access, Econolite model 18028, part #170-1020-515-2 load bay and related equipment to meet the attached specifications, or approved equal. Programming of controller to be performed by Jefferson Parish Traffic Engineering Division.

The controller shall be capable of operating within the parameter of Centrac Traffic Management Software System.

NOTES:

- Controller, cabinet and related equipment will be shop-tested by Jefferson Parish Traffic Engineering Division prior to field installation. Upon completion of testing period (two weeks after deliver), and once the control cabinet foundation is prepared for cabinet installation, the contractor will pick up the cabinet (without controller), deliver it to the job site, and install it upon appropriate

foundation under supervision of the Jefferson Parish Traffic Engineering Division.

- Jefferson Parish Traffic Engineering Division will provide any additional traffic signal cable Contractor needs to reach new cabinet location.

2. The following equipment to be supplied for video detection:

Two (2) Autoscope Vision video sensors (white), Model # AVISION, or approved equal.

Two (2) Camera Mounting Brackets (10" Pedestal), Model # AMBKTM11S, or approved equal.

One (1) Autoscope Vision Comm Manager, Part # AVCM, or approved equal.

One thousand feet (1,000') Cable, 3 conductor, 18 AWG Polyethylene, Part # 1175-011, or approved equal.

3. One (1) EDI Model MMU-16E NEMA Conflict Monitor, or approved equal.

4. The following signal equipment to be supplied for the GPS preemption and communication control:

One (1) Applied Information Glance TIMMS FMU with GPS Preempt AI 500-086 unit with 5 year connectivity and support plan.

See Appendix A for the following:

Control Cabinet Foundation Specifications and Detail

GPS Preemption and Communications Specifications

Control Cabinet and Related Equipment Specifications

Traffic Signal Controller Specifications

Video Detection Specifications

END SPEC.