

**2024-0287**

**INTRODUCED BY: MATTHEW JEWELL, PARISH PRESIDENT  
(DEPARTMENT OF PUBLIC WORKS)**

**ORDINANCE NO.** 24-9-4

An ordinance approving and authorizing the execution of Change Order No. 1 for the Willowdale Turn Lane (Project No. P230804), to increase the contract amount by \$87,641.69 and increase the contract time by forty-four (44) days.

**WHEREAS,** Ordinance No. 22-7-2 adopted on July 5, 2022, by the St. Charles Parish Council, approved and authorized the execution of a Professional Services Agreement with Digital Engineering & Imaging, Inc., to perform planning services for the Road Maintenance 2022-23 (Project No. P220501), in the not to exceed amount of \$316,728.72; and,

**WHEREAS,** Ordinance No. 23-9-2 adopted on September 25, 2023, by the St. Charles Parish Council, approved and authorized the execution of Amendment No. 1 to Ordinance No. 22-7-2, which approved the Professional Services Agreement with Digital Engineering & Imaging, Inc. to perform planning services for the Road Maintenance 2022-23 (Project No. P220501), in the amount of \$98,235.00; and,

**WHEREAS,** Ordinance No. 24-5-5 adopted on May 6, 2024, by the St. Charles Parish Council, approved and authorized the execution of a Contract with Barriere Construction Co., L.L.C., for the Willowdale Turn Lane (Project No. P230804), in the amount of \$389,442.70; and,

**WHEREAS,** it is necessary to amend the contract to incorporate items and additional quantities added during construction that improved the quality and safety of the roadway; and,

**WHEREAS,** St. Charles Parish and Barriere Construction Co., L.L.C. have mutually agreed to increase the contract price by \$87,641.69 and add forty-four (44) calendar days to complete the work.

**THE ST. CHARLES PARISH COUNCIL HEREBY ORDAINS:**

**SECTION I.** That Change Order No. 1 for the Willowdale Turn Lane (Project No. P230804), to increase the contract amount by \$87,641.69 and increase the contract time by forty-four (44) calendar days is hereby approved and accepted.

**SECTION II.** That the Parish President is hereby authorized to execute said Change Order on behalf of St. Charles Parish.

The foregoing ordinance having been submitted to a vote, the vote thereon was as follows:

YEAS:       MOBLEY, FONSECA, WILSON, SKIBA, PILIE, O'DANIELS,  
              FISHER, DEBRULER  
NAYS:       NONE  
ABSENT:    COMARDELLE

And the ordinance was declared adopted this 9th day of September, 2024, to become effective five (5) days after publication in the Official Journal.

CHAIRMAN: Bob Fisher  
SECRETARY: Michelle Lupatato  
DLVD/PARISH PRESIDENT: September 10, 2024  
APPROVED: ✓ DISAPPROVED: \_\_\_\_\_  
PARISH PRESIDENT: Matthew Jewell  
RETD/SECRETARY: September 10, 2024  
AT: 2:48pm RECD BY: [Signature]

RECORDED IN THE ST. CHARLES PARISH  
CLERK OF COURT OFFICE  
ON 9/16/24  
AS INSTRUMENT NO. 484093  
IN MORTGAGE/CONVEYANCE/OATH BOOK

**SECTION 00806**

**CHANGE ORDER**

No. 1

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DATE OF ISSUANCE 08/05/2024 EFFECTIVE DATE 08/05/2024

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OWNER St. Charles Parish  
CONTRACTOR Barriere Construction, LLC  
Contract: Willowdale Turn Lane  
Project: \_\_\_\_\_  
OWNER's Contract No. P230804 ENGINEER's Contract No. 22R00001.002  
ENGINEER Digital Engineering and Imaging, Inc.

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You are directed to make the following changes in the Contract Documents:

**Description:** *See attached example on how to fill in this information*

1. Add the Following Work Items:

- a. New Contract Item 106: *Painted Curbs and Islands*  
Addition of \$ 1,494.60 (30 SY). See attached cost estimate for details.
- b. New Contract Item 130: *Loop Detector*  
Addition of \$ 4,673.68 (113 LF). See attached cost estimate for details.
- c. New Contract Item 140: *736-01-00100 Trenching and Backfilling*  
Addition of \$ 885.00 (50 LF). See attached cost estimate for details.
- d. New Contract Item 150: *736-11-00050 Conduit (1/2" HDPE, Schedule 80)*  
Addition of \$ 288.00 (50 LF). See attached cost estimate for details.
- e. New Contract Item 151: *736-11-00100 Conduit (1" HDPE, Schedule 80)*  
Addition of \$ 353.00 (50 LF). See attached cost estimate for details.
- f. New Contract Item 160: *Removal of Asphalt Pavement*  
Addition of \$ 2,332.29 (15.2 SY). See attached cost estimate for details.
- g. New Contract Item 161: *Removal of Curbs (Asphalt)*  
Addition of \$ 2,841.16 (73 LF). See attached cost estimate for details.
- h. New Contract Item 162: *Combination Concrete Curb & Gutter*  
Addition of \$ 5,550.72 (64 LF). See attached cost estimate for details.
- i. New Contract Item 163: *Incidental Concrete Paving (6" Thick)*  
Addition of \$ 3,685.87 (10.2 SY). See attached cost estimate for details.
- j. New Contract Item 164: *Incidental Concrete Paving (10" Thick)*  
Addition of \$ 7,066.82 (19.8 SY). See attached cost estimate for details.

Total of Added Work Items = (+ \$29,171.14)

2. Revise the Following Work Item Quantities:

- a. Contract Item 010: *Temporary Construction Signs & Barricades*  
Lump sum unit cost increased. (+ \$ 9,395.39)
- b. Contract Item 040: *Asphalt Patching (14" Thick)*  
The quantity is to be increased by 375.3 TONS. (+ \$ 99,454.50)
- c. Contract Item 050: *Class II Base Course (8" Thick)*  
The quantity is to be decreased by 362.4 SY. (- \$ 63,057.60)
- d. Contract Item 100: *Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic 90 Mil)*  
The quantity is to be increased by 0.012 MILES. (+ \$98.40)
- e. Contract Item 103: *Plastic Pavement Striping (24" Width)(Thermoplastic 125 Mil)*  
The quantity is to be increased by 36 LF. (+ \$1,080.00)
- f. Contract Item 110: *Excavation and Embankment*  
Lump sum unit cost increased. (+ \$ 4,047.24)

- g. Contract Item 120: *Mobilization/Demobilization*  
Lump sum unit cost increased. (+\$ 7,452.62)

Total of Change in Work Items Quantity = (+\$58,470.55)

**Reason for Change Order:** List a reason for each Line Item listed above. *See attached example on how to fill in this information*

1. Add Work Items
  - a. The median nose was modified resulting in the addition of painted curb and islands, removal of asphalt pavement, removal of curbs (asphalt), concrete curb and gutter, incidental concrete paving (6" thick), and incidental concrete paving (10" thick).
  - b. Loop detectors were added to the project resulting in the addition of loop detectors, trench and backfilling, Conduit (1/2" HDPE, Schedule 80), and Conduit (1" HDPE, Schedule 80).
2. Revise Work Item Quantities
  - a. The median nose was modified resulting in additional temporary construction signs & barricades and excavation quantities which increase the needed for lump sum price.
  - b. Base course removal increases the amount of asphalt patching, depth of patching has been modified, and updated base widening minimums all relate to an increase of quantity for asphalt patching (14" thick).
  - c. Due to the removal of Class II Base Course from widening and an error in previous calculations, there will be a decrease in quantity for Class II Base Course (8" Thick).
  - d. The quantity for 4" solid line striping increased because of the repainting of the edge line around the new median nose.
  - e. Because of the new location of the median nose, the stop bar along US 90 also moved. This accounts for the revised 24" solid line quantity in this change order.
  - f. Loop detector and median nose modification additions increased Mobilization and Demobilization costs.
  - g. 44 Days will be added to the total contract time to account for the changes. 2 days for electrical work, 4 days for median work, 10 days for modified guardrail work, 5 days for additional widening, 5 days for time it took to get path forward for gas line conflict, and 18 days for the time between NTP and start of construction.

**Attachments:** (List documents supporting change)

- Updated Base Bid Probable Cost
- Work Change Directive #1
- Work Change Directive #2 (Guardrail work not included in this Change Order)
- Change Order Breakdown for Electrical Items from Barriere
- Change Order Breakdown for Median Modifications from Barriere

CHANGE IN CONTRACT PRICE:
Original Contract Price \$389,442.70
Net Increase (Decrease) from previous Change Orders No. ___ to ___: \$0.00
Contract Price prior to this Change Order: \$389,442.70
Net increase of this Change Order: \$87,641.69
Contract Price with all approved Change Orders: \$477,084.39

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: 80 days Ready for final payment: _____ (days or dates)
Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: _____ Ready for final payment: _____ (days)
Contract Times prior to this Change Order: Substantial Completion: 80 days Ready for final payment: _____ (days or dates)
Net increase this Change Order: Substantial Completion: 44 days Ready for final payment: _____ (days)
Contract Times with all approved Change Orders: Substantial Completion: 124 days Ready for final payment: _____ (days or dates)

RECOMMENDED:

By: Stephanie Blum  
ENGINEER (Authorized Signature)

APPROVED:

By: Matt Jewell  
OWNER (Authorized Signature)

ACCEPTED:

By: C. Ho  
CONTRACTOR (Authorized Signature)

Date: 08/05/2024

Date: 9/10/24

Date: 08/05/2024



**WILLOWDALE TURN LANE  
BASE BID WITH CHANGE ORDER #1**  
**ST. CHARLES PARISH**

ITEM NO.	DESCRIPTION	UNIT PRICE	UNIT	QUANTITY CONTRACT	CONTRACT EXTENSION
010	TEMPORARY CONSTRUCTION SIGNS AND BARRICADES	\$ 47,395.39	LS	1	\$ 47,395.39
020	COLD PLANE (2" THICK)	\$ 9.50	SY	1,810	\$ 17,195.00
030	ASPHALT PAVEMENT OVERLAY (2" THICK)	\$ 35.00	SY	1,810	\$ 63,350.00
031	ASPHALT PAVEMENT GUARDRAIL PAD (4" THICK)	\$ 85.00	SY	236	\$ 20,060.00
040	ASPHALT PATCHING (14" THICK)	\$ 265.00	TON	535.0	\$ 141,775.00
050	CLASS II BASE COURSE (8" THICK)	\$ 174.00	SY	24.8	\$ 4,315.20
060	REMOVAL OF GUARD RAIL	\$ 21.00	LF	372.8	\$ 7,828.80
061	BLOCKED OUT GUARD RAIL - 31" , (6'-3" POST SPACING)	\$ 68.00	LF	225	\$ 15,300.00
062	GUARD RAIL END TREATMENT, MASH, (TL-3 TANGENT)	\$ 5,000.00	EA	4	\$ 20,000.00
063	REMOVAL OF TYPE 3 OBJECT MARKER	\$ 62.00	EA	8	\$ 496.00
064	REQUIRED TYPE 3 OBJECT MARKER	\$ 125.00	EA	4	\$ 500.00
070	RELOCATION OF INFRASTRUCTURE ITEMS	\$ 8,500.00	LS	1	\$ 8,500.00
080	SHOULDER MATERIAL (STONE FILL)	\$ 35.00	SY	101	\$ 3,535.00
090	HYDRO-SEEDING	\$ 31,000.00	ACRE	0.07	\$ 2,170.00
100	PLASTIC PAVEMENT STRIPING (SOLID LINE)(4" WIDTH)(THERMOPLASTIC 90 MIL)	\$ 8,200.00	MILE	0.420	\$ 3,444.00
101	PLASTIC PAVEMENT STRIPING (BROKEN LINE)(4" WIDTH)(THERMOPLASTIC 90 MIL)	\$ 3,000.00	MILE	0.093	\$ 279.00
102	PLASTIC PAVEMENT STRIPING (SOLID LINE)(8" WIDTH)(THERMOPLASTIC 90 MIL)	\$ 7.00	LF	50	\$ 350.00
103	PLASTIC PAVEMENT STRIPING (24" WIDTH)(THERMOPLASTIC 125 MIL)	\$ 30.00	LF	66	\$ 1,980.00
104	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	\$ 475.00	EA	2	\$ 950.00
105	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - RIGHT TURN)	\$ 495.00	EA	2	\$ 990.00
106	PAINTED CURBS AND ISLANDS	\$ 49.82	SY	30	\$ 1,494.60
110	EXCAVATION AND EMBANKMENT	\$ 42,047.24	LS	1	\$ 42,047.24
120	MOBILIZATION / DEMOBILIZATION	\$ 45,452.62	LS	1	\$ 45,452.62
130	LOOP DETECTOR	\$ 41.36	LF	113	\$ 4,673.68
140	736-01-00100 TRENCHING AND BACKFILLING	\$ 17.70	LF	50	\$ 885.00
150	736-11-00050 CONDUIT (1/2" HDPE, SCHEDULE 80)	\$ 5.76	LF	50	\$ 288.00
151	736-11-00100 CONDUIT (1" HDPE, SCHEDULE 80)	\$ 7.06	LF	50	\$ 353.00
160	REMOVAL OF ASPHALT PAVEMENT	\$ 153.44	SY	15.2	\$ 2,332.29
161	REMOVAL OF CURBS (ASPHALT)	\$ 38.92	LF	73	\$ 2,841.16
162	COMBINATION CURB & GUTTER	\$ 86.73	LF	64	\$ 5,550.72
163	INCIDENTAL CONCRETE PAVING (6" THICK)	\$ 361.36	SY	10.2	\$ 3,685.87
164	INCIDENTAL CONCRETE PAVING (10" THICK)	\$ 356.91	SY	19.8	\$ 7,066.82

CONTRACT TOTAL \$ 477,084.39

**SECTION 00805**

**WORK CHANGE DIRECTIVE**

No. 1

DATE OF ISSUANCE 06/17/24 EFFECTIVE DATE 06/17/24

Owner: St. Charles Parish

Contractor: Barriere Construction, LLC

Contract: Willowdale Turn Lane

Owner's Contract No. P230804 Engineer's Contract No. 22R00001.002

ENGINEER: Digital Engineering and Imaging, Inc.

Contractor is directed to proceed promptly with the following change(s):

Description: In RFI #1, Barriere requested placing Asphalt Pavement Base to replace the Class II Base Course and Geotextile Fabric. This Work Change Directive is a result of the Parish and Engineer agreeing to this change. The typical section has been revised to have a 16-inch-thick asphalt concrete widening. The minimum width of this base section is 4 feet. The base that extends past the finished surface is 1 foot in sections where the base widening is 4 feet. Where the base widening is greater than 4 feet, the extension will transition to 0.5 feet. For clarification, the typical section has been updated as well to show the existing crown is to remain the crown through this proposed work. A change has been made to extend the mill and overlay section to the edge of US 90 through the existing loop detectors. Loop detectors have been added to the plans to replace the existing ones. DOTD suggested in their permit to include the following items in small quantities in order to properly install the new loop detectors: Conduit (1/2" HDPE, Schedule 80), Conduit (1" HDPE, Schedule 80), and Trenching and Backfilling. These items have not been added to the plan sheets but have been included in the Estimated Change in Contract Price.

Attachments: (List documents supporting change) RFI #1, Revised Plans (Sheets 3-5), TSD-11(1 sheet), DOTD Permit, Update Summary of Estimated Quantities.

**Purpose for Work Change Directive:**

Directive to proceed promptly with the Work described herein, prior to agreeing to changes on Contract Price and Contract Time, is issued due to: *(check one)*

- Non-agreement on pricing of proposed change.
- Necessity to proceed for schedule or other project reasons.

**Estimated Change in Contract Price and Contract Times (non-binding, preliminary):**

Contract Price: \$ \$15,045.12  [increase]  [decrease]

Contract Time 0 days  [increase]  [decrease]

**Basis of estimated change in Contract Price:**

- Lump Sum
- Unit Price
- Cost of the Work
- Other

Recommended:	Limited Authorization By*:	Received:
By: <u>Stephanie Johnson</u>	By: <u>[Signature]</u>	By: <u>[Signature]</u>
Engineer (Authorized Signature)	Owner's Representative*	Contractor (Authorized Signature)

Title: <u>Senior Project Manager</u>	Title: <u>Parish Engineer</u>	Title: <u>PROJECT MANAGER</u>
Date: <u>06/14/24</u>	Date: <u>6/17/24</u>	Date: <u>6/17/24</u>

\*Owner's Representative is not authorized to finalize a Change Order nor does the Work Change Directive substitute the Change Order process as more fully set out in the General Conditions of the Construction Contract.

Approved by Funding Agency (if applicable)

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Title: \_\_\_\_\_



**REQUEST FOR INFORMATION**

<b>Project Number:</b> P230804	<b>RFI Number:</b> 1.0
<b>Willowdale Turn Lane</b>	
<b>Project Name:</b>	<b>Date Received:</b> 5/28/2024
<b>Project Engineer:</b> Frank Liang	<b>Date Required:</b> 5/31/2024
	<b>Forwarded To:</b> Frank Liang
<b>Contractor:</b> Barriere Construction	<b>Date Responded:</b> 05/30/2024
<b>Specification No.:</b>	<b>Page No.:</b>
check one: <input type="checkbox"/> RFI	<input type="checkbox"/> Design Modification
check one: <input type="checkbox"/> Standard Specification	<input type="checkbox"/> Supplemental Specification
	<input checked="" type="checkbox"/> Proposed VE
	<input type="checkbox"/> Special Provision
<b>Plan Sheet No.:</b>	<b>Detail:</b>
<b>REQUEST:</b>	
Barriere is proposing to install 18" of asphalt base in the widening sections in lieu of geotextile fabric, 8" of class II base course & 14" of asphalt base course.	
<b>PROPOSED SOLUTION (If applicable):</b>	
This would help speed up the installation of the widening section as well as provide a better product given that it will be challenging to compact the base course since it is so narrow. Please let us know if this is proposal is acceptable.	
<b>By:</b> Christian Valeton	<b>Signature:</b>
	<b>Date:</b> 5/28/2024
<b>RESPONSE:</b>	
After discussion with Barriere and St. Charles Parish, separately, it was agreed that Barriere can go back with a 16" thick asphalt widening and eliminate the Class II Base Course in the widening section. The 14" thick asphalt base shall, as was done with the Class II Base Course, extend 1' beyond the edge of finished grade asphalt lift.	
<b>By:</b> Stephanie B. Turner	<b>Signature:</b>
	<b>Date:</b> 05/30/2024
<b>After reviewing the response, does the contractor anticipate:</b>	
That a change order will be required?	<input type="checkbox"/> Yes <input type="checkbox"/> No
That there will be an increase in the cost of the project?	<input type="checkbox"/> Yes <input type="checkbox"/> No

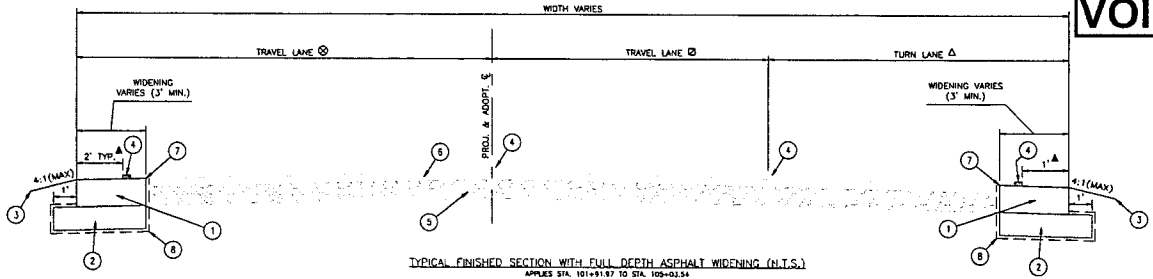
SUMMARY OF ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
010	TEMPORARY CONSTRUCTION SIGNS AND BARRICADES	1	LS
020	COLD PLANE (2" THICK)	2,144	SY
030	ASPHALT PAVEMENT OVERLAY (2" THICK)	2,144	SY
031	ASPHALT PAVEMENT GUARDRAIL PAD (4" THICK)	236	SY
040	ASPHALT PATCHING (14" THICK)	19.1	TON
041	ASPHALT WIDENING (16" THICK)	480.0	TON
050	CLASS II BASE COURSE (8" THICK)	24.8	SY
060	REMOVAL OF GUARD RAIL	372.8	LF
061	BLOCKED OUT GUARD RAIL - 31", (6'-3" POST SPACING)	225	LF
062	GUARD RAIL END TREATMENT, MASH, (TL-3 TANGENT)	4	EA
063	REMOVAL OF TYPE 3 OBJECT MARKER	8	EA
064	REQUIRED TYPE 3 OBJECT MARKER	4	EA
070	RELOCATION OF INFRASTRUCTURE ITEMS	1	LS
080	SHOULDER MATERIAL (STONE FILL)	101	SY
090	HYDRO-SEEDING	0.07	ACRE
100	PLASTIC PAVEMENT STRIPING (SOLID LINE)(4" WIDTH)(THERMOPLASTIC 90 MIL)	0.408	MILE
101	PLASTIC PAVEMENT STRIPING (BROKEN LINE)(4" WIDTH)(THERMOPLASTIC 90 MIL)	0.093	MILE
102	PLASTIC PAVEMENT STRIPING (SOLID LINE)(8" WIDTH)(THERMOPLASTIC 90 MIL)	50	LF
103	PLASTIC PAVEMENT STRIPING (24" WIDTH)(THERMOPLASTIC 125 MIL)	30	LF
104	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	2	EA
105	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - RIGHT TURN)	2	EA
110	EXCAVATION AND EMBANKMENT	1	LS
120	MOBILIZATION / DEMOBILIZATION	1	LS
130	LOOP DETECTOR	113	LF
140	736-01-00100 TRENCHING AND BACKFILLING	50	LF
150	736-11-00050 CONDUIT (1/2" HDPE, SCHEDULE 80)	50	LF
151	736-11-00100 CONDUIT (1" HDPE, SCHEDULE 80)	50	LF

6/14/2024



**VOID**

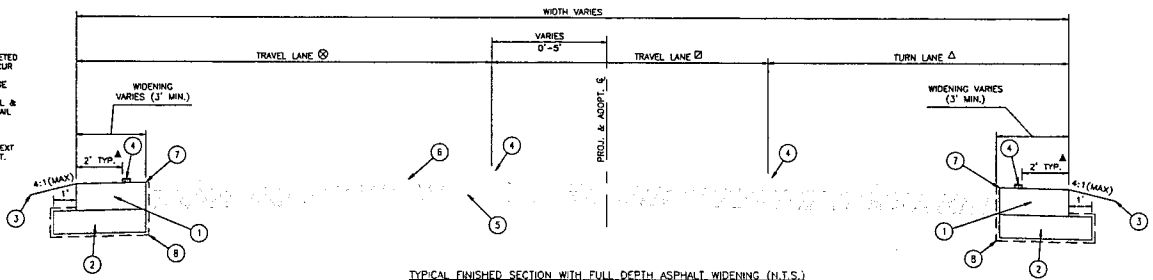
- 1 14" SUPERPAVE \* ASPHALTIC CONCRETE
- 2 8" CLASS II BASE COURSE
- 3 2" SHOULDER (AGGREGATE SURFACE COURSE)
- 4 PAVEMENT STRIPING
- 5 EXISTING BASE
- 6 SEE MILL & OVERLAY TYPICAL SECTION SAWLIT EXISTING EDGE OF ROAD FOR WIDENING WORK
- 7 GEOTEXTILE FABRIC
- 8



TYPICAL FINISHED SECTION WITH FULL DEPTH ASPHALT WIDENING (N.T.S.)  
APPLES STA. 101+91.97 TO STA. 105+03.54

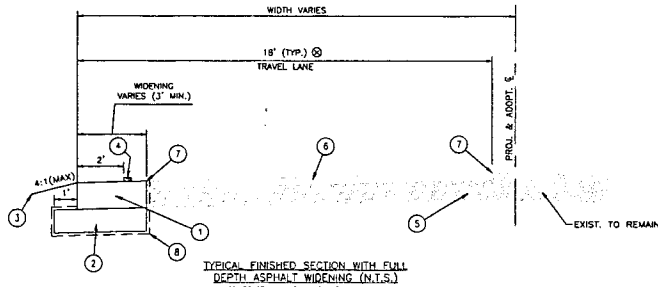
- NOTES:**
- 1. PAVEMENT WIDENING WILL BE COMPLETED BEFORE MILL AND OVERLAY CAN OCCUR OVER ENTIRE ROADWAY SURFACE. BE SURE TO INSTALL A SHOULDER WEDGE ALONG THE EDGE OF ROADWAY. SEE TYPICAL FINISHED SECTION FOR MILL & OVERLAY AND SHOULDER WEDGE DETAIL ON THE NEXT SHEET.
  - 2. FOR EMBANKMENT WIDENING AND GUARDRAIL PAD INFORMATION, SEE NEXT SHEET AND GUARDRAIL LAYOUT SHEET.

\*PAID FOR UNDER ITEM 04, ASPHALT PATCHING (14" THICK)



TYPICAL FINISHED SECTION WITH FULL DEPTH ASPHALT WIDENING (N.T.S.)  
APPLES STA. 105+03.54 TO STA. 105+72.79

- ⊙ LANE WIDTH VARIES (11' - 18') FROM STA. 101+91.97 TO STA. 103+05.89;  
LANE WIDTH VARIES (14' - 18') FROM STA. 103+05.89 TO STA. 104+70.63;  
LANE WIDTH VARIES (14' - 18') FROM STA. 104+70.63 TO STA. 105+86.37;  
LANE WIDTH VARIES (18' - 23.5') FROM STA. 105+86.37 TO STA. 106+06.58.
- ⊠ LANE WIDTH VARIES (11' - 12') FROM STA. 101+91.97 TO STA. 105+03.54;  
LANE WIDTH VARIES (11' - 12') FROM STA. 105+03.54 TO STA. 105+38.75;  
LANE WIDTH VARIES (12' - 13') FROM STA. 105+38.75 TO STA. 105+72.29.  
(STRIPING ONLY) PAVEMENT LANE WIDTH VARIES (12' - 13') FROM STA. 105+72.29 TO STA. 106+06.58.
- Δ TURN LANE WIDTH VARIES (0' - 12') FROM STA. 101+91.97 TO STA. 104+36.97;  
TURN LANE WIDTH VARIES (12' - 13') FROM STA. 104+36.97 TO STA. 105+03.54;  
TURN LANE WIDTH VARIES (12' - 13') FROM STA. 105+03.54 TO STA. 105+38.75;  
TURN LANE WIDTH VARIES (13' - 13') FROM STA. 105+38.75 TO STA. 105+72.29.  
(STRIPING ONLY) PAVEMENT LANE WIDTH VARIES (13' - 20.4') FROM STA. 105+72.29 TO STA. 105+80.21;  
(STRIPING ONLY) PAVEMENT LANE WIDTH VARIES (13' - 20.4') FROM STA. 105+80.21 TO STA. 106+06.58.
- ▲ STRIPING 1' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 100+20.00 TO STA. 105+03.54;  
STRIPING 1' - 2' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 105+03.54 TO STA. 105+38.75;  
STRIPING 2' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 105+38.75 TO STA. 106+06.58.  
STRIPING 1' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 100+20.00 TO STA. 101+91.97;  
STRIPING 1' - 2' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 101+91.97 TO STA. 103+05.89;  
STRIPING 2' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 103+05.89 TO STA. 106+06.58.



TYPICAL FINISHED SECTION WITH FULL DEPTH ASPHALT WIDENING (N.T.S.)  
APPLES STA. 105+72.29 TO STA. 106+06.58



**digital engineering**  
DIGITAL ENGINEERING & IMAGING, INC.  
527 W. ESPLANADE AVE., STE. 200  
KENNER, LA. 70002 - PH: (504) 466-4129

NO.	DATE	BY	CHKD.	APP'D.	REVISION
1	JANUARY 12, 2024	ST. CHARLES			

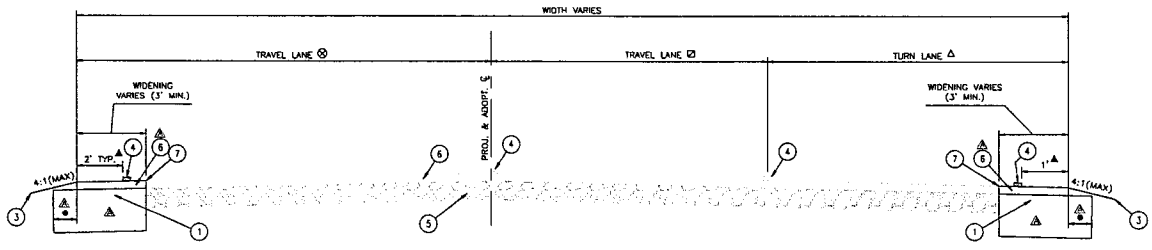
  

PROJECT	P230004
CLIENT	ST. CHARLES
DATE	JANUARY 12, 2024
SCALE	AS SHOWN
DRAWN	JANUARY 12, 2024
CHECKED	
APPROVED	
TITLE	WILLOWDALE TURN LANE

SHEET NO.	03
TOTAL SHEETS	2

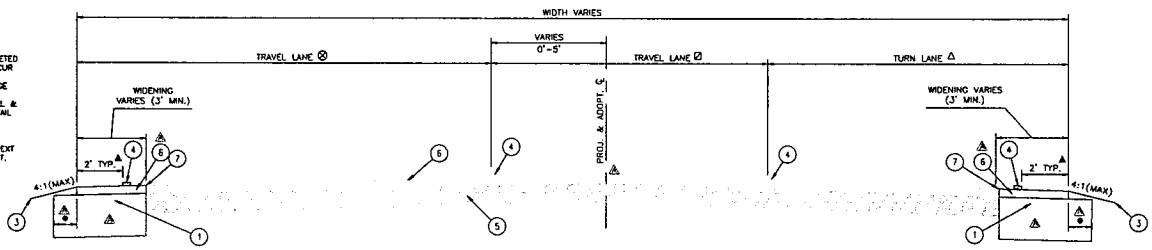
- 1 16" SUPERPAVE \* $\Delta$  ASPHALTIC CONCRETE
- 2 9" BASE-11 BASE-10 COURSE \* $\Delta$
- 3 2" SHOULDER (AGGREGATE SURFACE COURSE)
- 4 PAVEMENT STRIPING
- 5 EXISTING BASE
- 6 SEE MILL & OVERLAY TYPICAL SECTION SAWCUT EXISTING EDGE OF ROAD FOR WIDENING WORK
- 7 GEOTEXTILE-FABRIC \* $\Delta$



TYPICAL FINISHED SECTION WITH FULL DEPTH ASPHALT WIDENING (N.T.S.)  
APPLIES STA. 101+91.97 TO STA. 105+03.54

- NOTES:
1. PAVEMENT WIDENING WILL BE COMPLETED BEFORE MILL AND OVERLAY CAN OCCUR OVER ENTIRE ROADWAY SURFACE. BE SURE TO INSTALL A SHOULDER WEDGE ALONG THE EDGE OF ROADWAY. SEE TYPICAL FINISHED SECTION FOR MILL & OVERLAY AND SHOULDER WEDGE DETAIL ON THE NEXT SHEET.
  2. FOR EMBANKMENT WIDENING AND GUARDRAIL PAD INFORMATION, SEE NEXT SHEET AND GUARDRAIL LAYOUT SHEET.

$\Delta$  \*PAID FOR UNDER ITEM 041, ASPHALT WIDENING (16" THICK)



TYPICAL FINISHED SECTION WITH FULL DEPTH ASPHALT WIDENING (N.T.S.)  
APPLIES STA. 105+03.54 TO STA. 106+33.21

- $\square$  LANE WIDTH VARIES (11' - 16') FROM STA. 101+91.97 TO STA. 103+05.69;
- LANE WIDTH VARIES (16' - 18') FROM STA. 103+05.69 TO STA. 104+70.63;
- LANE WIDTH 18' FROM STA. 104+70.63 TO STA. 105+86.37;
- LANE WIDTH VARIES (18' - 23.5') FROM STA. 105+86.37 TO STA. 106+06.58.
- $\square$  LANE WIDTH 11' FROM STA. 101+91.97 TO STA. 105+03.54;
- LANE WIDTH VARIES (11' - 12') FROM STA. 105+03.54 TO STA. 105+38.75;
- LANE WIDTH 12' FROM STA. 105+38.75 TO STA. 105+72.29;
- (STRIPING ONLY) PAVEMENT LANE WIDTH 12' FROM STA. 105+72.29 TO STA. 106+06.58.
- $\Delta$  TURN LANE WIDTH VARIES (0' - 12') FROM STA. 101+91.97 TO STA. 104+38.97;
- TURN LANE WIDTH 12' FROM STA. 104+38.97 TO STA. 105+03.54;
- TURN LANE WIDTH VARIES (12' - 13') FROM STA. 105+03.54 TO STA. 105+38.75;
- TURN LANE WIDTH 13' FROM STA. 105+38.75 TO STA. 105+72.29;
- (STRIPING ONLY) PAVEMENT LANE WIDTH 13' FROM STA. 105+72.29 TO STA. 106+06.58;
- (STRIPING ONLY) PAVEMENT LANE WIDTH VARIES (13' - 20.4') FROM STA. 105+80.21 TO STA. 106+06.58.
- $\Delta$  STRIPING 1' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 103+20.00 TO STA. 105+03.54;
- STRIPING 1' - 2' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 105+03.54 TO STA. 105+38.75;
- STRIPING 2' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 105+38.75 TO STA. 106+33.21;
- STRIPING 1' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 100+20.00 TO STA. 101+91.97;
- STRIPING 1' - 2' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 101+91.97 TO STA. 103+05.69;
- STRIPING 2' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 103+05.69 TO STA. 106+33.21.

- $\Delta$  \* BASE EXTENSION FROM EDGE OF FINISHED ROADWAY:
- RIGHT SIDE
- 1' EXTENSION FROM STA. 101+91.97 TO STA. 102+01.99;
- 1' - 0.5' FROM STA. 102+01.99 TO STA. 102+17.83;
- 0.5' EXTENSION FROM STA. 102+17.83 TO STA. 105+05.63;
- 0.5' - 1' EXTENSION FROM STA. 105+05.63 TO STA. 105+16.51;
- 1' EXTENSION FROM STA. 105+16.51 TO STA. 106+33.21.
- LEFT SIDE
- 1' EXTENSION FROM STA. 101+91.97 TO STA. 102+71.56;
- 1' - 0.5' EXTENSION FROM STA. 102+71.56 TO STA. 102+84.62;
- 0.5' EXTENSION FROM STA. 102+84.62 TO STA. 104+10.28;
- 0.5' - 1' EXTENSION FROM STA. 104+10.28 TO STA. 104+18.53;
- 1' EXTENSION FROM STA. 104+18.53 TO STA. 105+23.66;
- 1' - 0.5' EXTENSION FROM STA. 105+23.66 TO STA. 105+32.88;
- 0.5' EXTENSION FROM STA. 105+32.88 TO STA. 105+70.30;
- 0.5' - 1' EXTENSION FROM STA. 105+70.30 TO STA. 105+80.23;
- 1' EXTENSION FROM STA. 105+80.23 TO 106+33.21.



CHANGE ORDER AND/OR SPECIAL AGREEMENT

**digital engineering**

DIGITAL ENGINEERING & IMAGING, INC.  
527 W. ESPLANADE AVE., STE. 200  
KENNER, LA. 70055 - PH. (504) 498-4129

PROJECT NO.	12-00000000
DATE	JANUARY 22, 2014
SCALE	AS SHOWN
DRAWN BY	...
CHECKED BY	...
APPROVED BY	...
PROJECT TITLE	WILLOWDALE TURN LANE
CITY	...
STATE	LOUISIANA
SHEET NO.	2 of 2
TOTAL SHEETS	2
DATE	...
SCALE	...

**VOID**

PRELIMINARY SUMMARY OF ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
010	TEMPORARY CONSTRUCTION SIGNS AND BARRICADES	1	LS
020	COLD PLANE (2" THICK)	1,810	SY
030	ASPHALT PAVEMENT OVERLAY (2" THICK)	1,810	SY
031	ASPHALT PAVEMENT GUARDRAIL PAD (4" THICK)	236	SY
040	ASPHALT PATCHING (14" THICK)	159.7	TON
050	CLASS II BASE COURSE (8" THICK)	387.2	SY
060	REMOVAL OF GUARD RAIL	372.8	LF
061	BLOCKED OUT GUARD RAIL - 31", (6'-3" POST SPACING)	225	LF
062	GUARD RAIL END TREATMENT, MASH, (TL-3 TANGENT)	4	EA
063	REMOVAL OF TYPE 3 OBJECT MARKER	8	EA
064	REQUIRED TYPE 3 OBJECT MARKER	4	EA
070	RELOCATION OF INFRASTRUCTURE ITEMS	1	LS
080	SHOULDER MATERIAL (STONE FILL)	101	SY
090	HYDRO-SEEDING	0.07	ACRE
100	PLASTIC PAVEMENT STRIPING (SOLID LINE)(4" WIDTH)(THERMOPLASTIC 90 MIL)	0.408	MILE
101	PLASTIC PAVEMENT STRIPING (BROKEN LINE)(4" WIDTH)(THERMOPLASTIC 90 MIL)	0.093	MILE
102	PLASTIC PAVEMENT STRIPING (SOLID LINE)(8" WIDTH)(THERMOPLASTIC 90 MIL)	50	LF
103	PLASTIC PAVEMENT STRIPING (24" WIDTH)(THERMOPLASTIC 125 MIL)	30	LF
104	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	2	EA
105	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - RIGHT TURN)	2	EA
110	EXCAVATION AND EMBANKMENT	1	LS
120	MOBILIZATION / DEMOBILIZATION	1	LS



**digital engineering**  
 DIGITAL ENGINEERING & IMAGING, INC.  
 527 W. ESPLANADE AVE., STE. 200  
 KENNER, LA. 70005 - PH. (504) 468-6129

PROJECT NO.	P232004
PROJECT NAME	ST. CHARLES
DATE	JANUARY 12, 2024
SCALE	AS SHOWN
BY	2300000100
CHECKED	
DATE	
PROJECT LOCATION	YELLOWDALE TURNPIKE
SUMMARY OF ESTIMATED QUANTITIES	
1 of 1	

**VOID**

SUMMARY OF ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
010	TEMPORARY CONSTRUCTION SIGNS AND BARRICADES	1	LS
020	COLD PLANE (2" THICK)	▲ 2,144	SY
030	ASPHALT PAVEMENT OVERLAY (2" THICK)	▲ 2,144	SY
031	ASPHALT PAVEMENT GUARDRAIL PAD (4" THICK)	▲ 236	SY
040	ASPHALT PATCHING (14" THICK)	▲ 19.1	TON
041	ASPHALT WIDENING (16" THICK)	480.0	TON
050	CLASS II BASE COURSE (8" THICK)	24.8	SY
060	REMOVAL OF GUARD RAIL	372.8	LF
061	BLOCKED OUT GUARD RAIL - 31", (6'-3" POST SPACING)	225	LF
062	GUARD RAIL END TREATMENT, MASH, (TL-3 TANGENT)	4	EA
063	REMOVAL OF TYPE 3 OBJECT MARKER	8	EA
064	REQUIRED TYPE 3 OBJECT MARKER	4	EA
070	RELOCATION OF INFRASTRUCTURE ITEMS	1	LS
080	SHOULDER MATERIAL (STONE FILL)	101	SY
090	HYDRO-SEEDING	0.07	ACRE
100	PLASTIC PAVEMENT STRIPING (SOLID LINE)4" WIDTH(THERMOPLASTIC 90 MIL)	0.408	MILE
101	PLASTIC PAVEMENT STRIPING (BROKEN LINE)4" WIDTH(THERMOPLASTIC 90 MIL)	0.093	MILE
102	PLASTIC PAVEMENT STRIPING (SOLID LINE)8" WIDTH(THERMOPLASTIC 90 MIL)	50	LF
103	PLASTIC PAVEMENT STRIPING (24" WIDTH)(THERMOPLASTIC 125 MIL)	30	LF
104	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	2	EA
105	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	2	EA
110	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - RIGHT TURN)	1	LS
120	MOBILIZATION / DEMOBILIZATION	1	LS
130	LOOP DETECTOR	113	LF



CHANGE ORDER AND/OR SPECIAL AGREEMENT

**digital engineering**  
DIGITAL ENGINEERING & IMAGING, INC.  
527 W. 65th AVE., STE. 200  
KENNER, LA. 70065 - PH. (504) 468-6129

PROJECT NO.	P230004
CLIENT	STATE OF LOUISIANA
DATE	JANUARY 18, 2024
PROJECT NAME	WILLOWDALE TURN LANE
DRAWN BY	2300004L001
CHECKED BY	
DATE	
SCALE	
PROJECT LOCATION	
PROJECT DESCRIPTION	
PROJECT STATUS	
PROJECT PHASE	
PROJECT OWNER	
PROJECT MANAGER	
PROJECT ENGINEER	
PROJECT ARCHITECT	
PROJECT CONTRACTOR	
PROJECT SUBCONTRACTOR	
PROJECT VENDOR	
PROJECT MATERIAL SUPPLIER	
PROJECT EQUIPMENT SUPPLIER	
PROJECT SERVICE SUPPLIER	
PROJECT OTHER SUPPLIER	

SUMMARY OF ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
010	TEMPORARY CONSTRUCTION SIGNS AND BARRICADES	1	LS
020	COLD PLANE (2" THICK)	2,144	SY
030	ASPHALT PAVEMENT OVERLAY (2" THICK)	2,144	SY
031	ASPHALT PAVEMENT GUARDRAIL PAD (4" THICK)	236	SY
040	ASPHALT PATCHING (14" THICK)	19.1	TON
041	ASPHALT WIDENING (16" THICK)	480.0	TON
050	CLASS II BASE COURSE (6" THICK)	24.8	SY
060	REMOVAL OF GUARD RAIL	372.8	LF
061	BLOCKED OUT GUARD RAIL - 31", (6'-3" POST SPACING)	225	LF
062	GUARD RAIL END TREATMENT, MASH, (TL-3 TANGENT)	4	EA
063	REMOVAL OF TYPE 3 OBJECT MARKER	8	EA
064	REQUIRED TYPE 3 OBJECT MARKER	4	EA
070	RELOCATION OF INFRASTRUCTURE ITEMS	1	LS
080	SHOULDER MATERIAL (STONE FILL)	101	SY
090	HYDRO-SEEDING	0.07	ACRE
100	PLASTIC PAVEMENT STRIPING (SOLID LINE)X4" WIDTH)X(THERMOPLASTIC 90 MIL)	0.408	MILE
101	PLASTIC PAVEMENT STRIPING (BROKEN LINE)X4" WIDTH)X(THERMOPLASTIC 90 MIL)	0.093	MILE
102	PLASTIC PAVEMENT STRIPING (SOLID LINE)X8" WIDTH)X(THERMOPLASTIC 90 MIL)	50	LF
103	PLASTIC PAVEMENT STRIPING (24" WIDTH)X(THERMOPLASTIC 125 MIL)	30	LF
104	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	2	EA
105	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - RIGHT TURN) Δ	2	EA
110	EXCAVATION AND EMBANKMENT Δ	1	LS
120	MOBILIZATION / DEMOBILIZATION	1	LS
130	LOOP DETECTOR	113	LF



CHANGE ORDER AND/OR  
SPECIAL AGREEMENT

**digital engineering**  
DIGITAL ENGINEERING & IMAGING, INC.  
527 W. ESPLANADE AVE., STE. 200  
KENNER, LA. 70065 • PH. (504) 489-6129

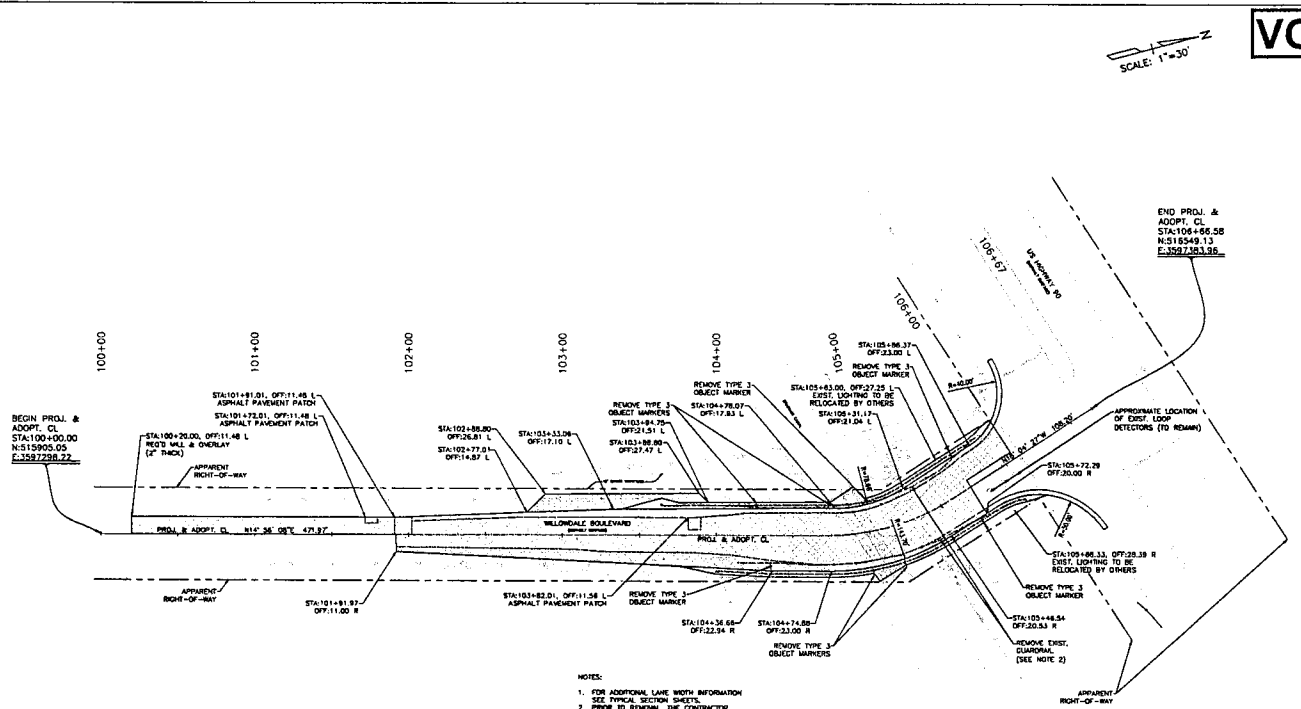
PROJECT NO.	P120004
PROJECT NAME	STATE ST. CHARLES
CITY	LAKE CHARLES
STATE	LOUISIANA
DRAWN BY	JAE
CHECKED BY	JAE
DATE	JUNE 10, 2024
SCALE	
CAD FILE	225100001.dwg
REVISION NO.	
REVISION DATE	
REVISION DESCRIPTION	

SUMMARY OF ESTIMATED QUANTITIES  
WILLOWDALE TURN LANE

1 of 1  
04

**VOID**

SCALE: 1"=30'



NOTES:  
1. FOR ADDITIONAL LAKE WIDTH INFORMATION SEE TYPICAL SECTION SHEETS.  
2. PRIOR TO REMOVAL, THE CONTRACTOR SHALL VERIFY BY THE GUARDRAIL POSTS ARE BUILT, INSTALLED TO THE EXISTING ROW CLEARANCE. IF THEY ARE BUILT, THE CONTRACTOR MAY CUT THE POST A MINIMUM OF 3 INCHES FROM THE TOP OF THE ROW CLEARANCE TO PREVENT DAMAGE TO THE EXISTING ROW CLEARANCE. THE NEW GUARDRAIL POSTS SHALL BE ANCHORED TO THE GROUND AS SPECIFIED IN THE DETAILED STANDARDS INCLUDED IN THIS PLAN SET.

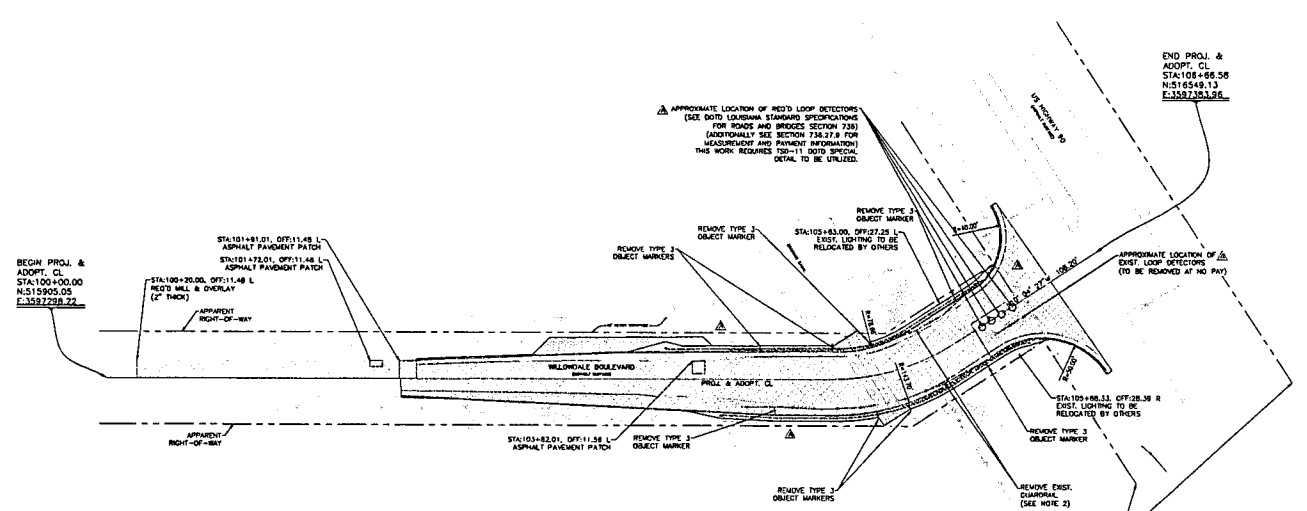
END PROJ. & ADOPT. CL  
STA:106+86.56  
N:518549.13  
E:3527283.36



**digital engineering**  
DIGITAL ENGINEERING & IMAGING, INC.  
527 W. ESPLANADE AVE., STE. 200  
KENNER, LA 70005-7704 (504) 886-6129

PROJECT NO.	P-210004
DATE	JANUARY 12, 2014
SCALE	1"=30'
DRAWN BY	...
CHECKED BY	...
DATE	JANUARY 12, 2014
PROJECT	WILLOWDALE TURN LANE
SHEET NO.	05
TITLE	WILLOWDALE TURN LANE
LOCATION	ST. CHARLES, LOUISIANA

SCALE: 1"=30'



- NOTES:
1. FURN ADDITIONAL LANE WIDTH INFORMATION SEE TYPICAL SECTION SHEETS.
  2. PRIOR TO REMOVAL, THE CONTRACTOR SHALL VERIFY IF THE GUARDRAIL POSTS ARE BOLTED DIRECTLY TO THE EXISTING BOX CULVERT. IF THEY ARE BOLTED, THE CONTRACTOR MAY CUT THE POST A MAXIMUM OF 3 INCHES FROM THE TOP OF THE BOX CULVERT TO PREVENT DAMAGE TO THE EXISTING BOX CULVERT. THE NEW GUARDRAIL POSTS SHALL BE ANCHORED TO THE CULVERT AS SPECIFIED IN THE DOTD STANDARD PLANS INCLUDED IN THIS PLAN SET.

END PROJ. & ADOPT. CL  
 STA:108+86.58  
 N:516549.13  
 E:358738.26



CHANGE ORDER AND/OR SPECIAL AGREEMENT

**digital engineering**  
 DIGITAL ENGINEERING & IMAGING, INC.  
 527 W. ESPRANADE AVE., STE. 200  
 KENNER, LA 70065 - PH: (504) 488-4129

PROJECT NO.	101	DATE	JANUARY 12, 2024
PROJECT NAME	RECONSTRUCTION OF WILLOWDALE BOULEVARD FROM STA 101+00 TO STA 108+00		
CLIENT	STATE OF LOUISIANA	DESIGNED BY	PI JORDAN
SCALE	AS SHOWN	CHECKED BY	ST. CHARLES
DATE	JANUARY 12, 2024	DATE	JANUARY 12, 2024
PROJECT NO.	101	PROJECT NO.	23000008.000
PROJECT NAME	RECONSTRUCTION OF WILLOWDALE BOULEVARD FROM STA 101+00 TO STA 108+00		
CLIENT	STATE OF LOUISIANA	DESIGNED BY	PI JORDAN
SCALE	AS SHOWN	CHECKED BY	ST. CHARLES
DATE	JANUARY 12, 2024	DATE	JANUARY 12, 2024
PROJECT NO.	101	PROJECT NO.	23000008.000
PROJECT NAME	RECONSTRUCTION OF WILLOWDALE BOULEVARD FROM STA 101+00 TO STA 108+00		
CLIENT	STATE OF LOUISIANA	DESIGNED BY	PI JORDAN
SCALE	AS SHOWN	CHECKED BY	ST. CHARLES
DATE	JANUARY 12, 2024	DATE	JANUARY 12, 2024

PLAN SHEET

1 of 1  
 05A



Office of Operations / District 02  
1440 Highway 90 / Bridge City, LA 70094  
P.O. Box 9180 / Bridge City, LA 70096-9180  
Phone: 504-437-3100 / Fax: 504-437-3260



June 13, 2024

District 02  
Permit No 02020160  
Project Permit  
US 90 - St. Charles Parish

St. Charles Parish Government  
Miles B. Bingham, P.E.  
100 River Oaks Drive  
Destrehan, LA 70047


Per your request, we are amending the above LA DOTD Project Permit Number 02020160. The approved permit was for work in the St. Charles Parish Government Project to improve the intersection and turn lane at the intersection of Willowdale Blvd with US 90. The original permit work avoided the existing traffic loops at the intersection to tie-in to US 90. The replacement of the traffic loops and incidental changes to the scope are being added to the Project Permit. The added work was reviewed and the District Engineers have no objections to the plan changes.

In summary, the revisions include full depth asphalt for the asphalt widening, removing the class II base course and geotextile from the widening, revising the crown to remain as the existing crown, updating quantities, adding mill and overlay up to the edge of US 90, are replacing the loops in the newly established left turn lane, following the TSD-11 Special Detail.

The loop work will include asphalt work at the new loop location and tie into existing. The following items are recommended to be added to the project with minimal quantity in case they are needed for the tie-in: Conduit (1/2" HDPE, Schedule 80), Conduit (1" HDPE, Schedule 80), and Trenching and Backfilling. St. Charles Parish and/or the contractor should contact the District Traffic Engineering office to verify layout of loop detectors prior to sawcutting and with the final loop layout.

All other conditions, amendments and provisions of the original permit shall still apply.

Sincerely,

  
Scott G. Boyle, P.E., PTOE  
For District 02 Engineer Administrator

SGB/dv  
Cf: Headquarters



**Danielle Valladares**

---

**From:** Zachary Pollock <zpollock@stcharlesgov.net>  
**Sent:** Thursday, June 13, 2024 9:54 AM  
**To:** Bao Le  
**Cc:** Stephanie Turner; Danielle Valladares; Hailey Robert; Parker Rogers; Stacey Rogers  
**Subject:** Willowdale Turn Lane Project - Loops

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

---

**EXTERNAL EMAIL: Please do not click on links or attachments unless you know the content is safe.**

---

Long,

Following up from our conversation earlier. Please confirm that we are OK to proceed with Milling the loops on Willowdale Blvd.

We will also consider trench & backfill work for the line feeding the loops and will contact DOTD for confirmation on new loop locations.

Thanks

Zach

Zachary Pollock, P.E., M.S.  
985-331-4473  
St. Charles Parish  
Department of Public Works  
Parish Engineer II

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## Danielle Valladares

---

**From:** Stephanie Turner <sturner@deii.net>  
**Sent:** Monday, June 10, 2024 2:23 PM  
**To:** Danielle Valladares  
**Cc:** Corbett Hollier; Nelson Capote; Valetton, Christian (Barriere Construction); Bao Le; Zachary Pollock; Hailey Robert  
**Subject:** RE: Willowdale Blvd. and US 90 Loop Detectors  
**Attachments:** 20240610\_P230804\_Willowdale Turn Lane\_ADD 03A, 04A, 05A, 214A, VOID 03-05\_Revision A.pdf

---

**EXTERNAL EMAIL:** Please do not click on links or attachments unless you know the content is safe.

---

Danielle,

Please see the revised plans that include TSD-11.

In summary, we revised the typical section to be full depth asphalt for the widening, removed the class ii base course and geotextile from the widening, revised the crown to remain the existing crown, updated quantities, added mill and overlay up to the edge of US 90, are replacing the loops in the newly established left turn lane, and included the TSD-11 Special Detail. Please let me know if you have any questions or need any additional information in order to update/approve the permit.

Thanks,

**Mrs. Stephanie B. Turner, P.E., PMP**  
Senior Project Manager

O: 504.468.6129 | C: 225.202.8526 | [sturner@deii.net](mailto:sturner@deii.net)

**From:** Danielle Valladares <Danielle.Valladares@la.gov>  
**Sent:** Tuesday, June 4, 2024 9:52 AM  
**To:** Stephanie Turner <sturner@deii.net>  
**Cc:** Corbett Hollier <Corbett.Hollier@LA.GOV>; Nelson Capote <Nelson.Capote@LA.GOV>; Valetton, Christian (Barriere Construction) <christianv@barriere.com>; Bao Le <Bao.Le@LA.GOV>; Zachary Pollock <zpollock@stcharlesgov.net>; Hailey Robert <Hailey.Robert@LA.GOV>  
**Subject:** RE: Willowdale Blvd. and US 90 Loop Detectors

Stephanie,

The attached is the approved permit plans for the Willowdale Turn lane. We will need the plan sheets updated to show the loops are being included and any other work being added or changed from the approved plans. For example plan sheet 5 shows no work by the loops. We will review and issue a permit amendment then the work can proceed. You should also include the Loop and sawcut DOTD standard plans and we will include them in the amendment.

DOTD Standard Plans Website:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Standard\\_Plans/Pages/default.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Standard_Plans/Pages/default.aspx)

Please let us know if you have any additional questions.

Thank you,

*Danielle Valladares, P.E.*

District 02 Construction Coordinator  
Permits & Utilities Engineer  
Louisiana Dept of Transportation & Development  
Office: (504) 437-3190

**From:** Bao Le <[Bao.Le@LA.GOV](mailto:Bao.Le@LA.GOV)>  
**Sent:** Monday, June 3, 2024 1:41 PM  
**To:** Zachary Pollock <[zpollock@stcharlesgov.net](mailto:zpollock@stcharlesgov.net)>  
**Cc:** Corbett Hollier <[Corbett.Hollier@LA.GOV](mailto:Corbett.Hollier@LA.GOV)>; Nelson Capote <[Nelson.Capote@LA.GOV](mailto:Nelson.Capote@LA.GOV)>; Stephanie Turner <[sturner@deii.net](mailto:sturner@deii.net)>; Valeton, Christian (Barriere Construction) <[christianv@barriere.com](mailto:christianv@barriere.com)>; Danielle Valladares <[Danielle.Valladares@la.gov](mailto:Danielle.Valladares@la.gov)>  
**Subject:** RE: Willowdale Blvd. and US 90 Loop Detectors

Good afternoon Zachary,

Since the Parish is now looking to replace the loop detectors on the Willowdale due to construction impacts, the plans would have to be updated and resubmitted to the District permit office to show the loop detector work. The Department's standard detail for loop detectors would have to be included with plans. If you have any questions or require additional information, please let me know.

Thanks,

**Bao Long Le, P.E.**  
District Traffic Operations Engineer  
LADOTD District 02  
Phone: (504) 484-0201

*This correspondence and the information contained herein is prepared solely for the purpose of identifying, evaluating and planning safety improvements on public roads which may be implemented utilizing federal aid highway funds; and is therefore exempt from discovery or admission into evidence pursuant to 23 U.S.C. 407.*

**From:** Zachary Pollock <[zpollock@stcharlesgov.net](mailto:zpollock@stcharlesgov.net)>  
**Sent:** Monday, June 3, 2024 10:21 AM  
**To:** Bao Le <[Bao.Le@LA.GOV](mailto:Bao.Le@LA.GOV)>  
**Cc:** Corbett Hollier <[Corbett.Hollier@LA.GOV](mailto:Corbett.Hollier@LA.GOV)>; Nelson Capote <[Nelson.Capote@LA.GOV](mailto:Nelson.Capote@LA.GOV)>; Stephanie Turner <[sturner@deii.net](mailto:sturner@deii.net)>; Valeton, Christian (Barriere Construction) <[christianv@barriere.com](mailto:christianv@barriere.com)>  
**Subject:** RE: Willowdale Blvd. and US 90 Loop Detectors

**EXTERNAL EMAIL:** Please do not click on links or attachments unless you know the content is safe.

Bao,

We also want to inform you that we will be closing Willowdale Blvd. northbound from E. Heather to US 90 starting today through August 12<sup>th</sup>. Traffic will be detoured along E. Heather to Lakewood Blvd.

Please let me know when you have time to discuss the loop detectors.

Thanks

Zachary Pollock, P.E., M.S.  
985-331-4473  
St. Charles Parish  
Department of Public Works  
Parish Engineer II

**From:** Zachary Pollock  
**Sent:** Thursday, May 30, 2024 8:29 AM  
**To:** Bao Le <[Bao.Le@la.gov](mailto:Bao.Le@la.gov)>  
**Cc:** [corbett.hollier@la.gov](mailto:corbett.hollier@la.gov); Stephanie Turner <[sturner@deii.net](mailto:sturner@deii.net)>  
**Subject:** Willowdale Blvd. and US 90 Loop Detectors

Good Morning Bao,

We have a mill and overlay project at the intersection of US 90 and Willowdale Blvd. in Luling. The project was designed to avoid the loops but now we are looking into replacing them in the project.

What is the process between the Parish and DOTD for having them replaced in our project? We will send plans to the permit office once they are updated.

Please feel free to call at the number below to discuss.

Thanks

Zachary Pollock, P.E., M.S.  
985-331-4473  
St. Charles Parish  
Department of Public Works  
Parish Engineer II

#### **Disclaimer**

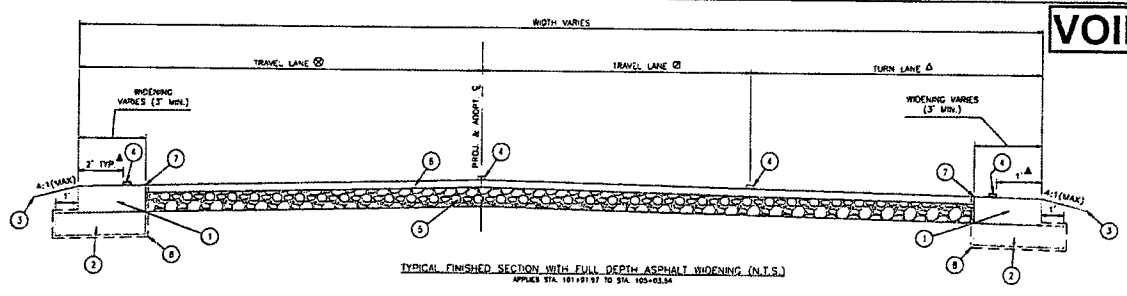
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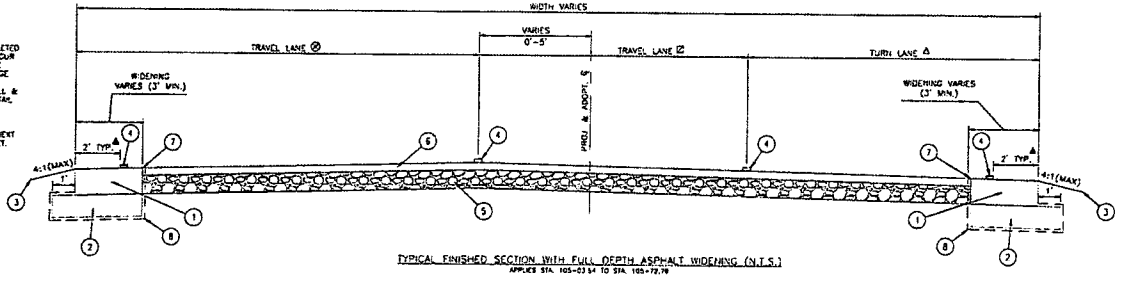
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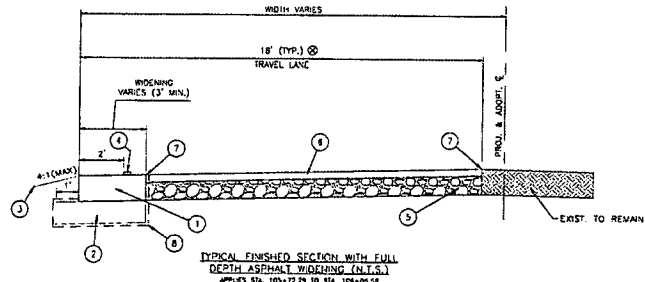
- 1 1 1/2" SUPERPAVE - ASPHALTIC CONCRETE
- 2 8" CLASS II BASE COURSE
- 3 2" SHOULDER (AGGREGATE SURFACE COURSE)
- 4 PAVEMENT STRIPING
- 5 EXISTING BASE
- 6 SEE MILL & OVERLAY
- 7 TYPICAL SECTION SHOWN AT EXISTING EDGE OF ROAD FOR WIDENING WORK
- 8 GEOTEXTILE FABRIC



- NOTES:**
1. PAVEMENT WIDENING WILL BE COMPLETED BEFORE MILL AND OVERLAY CAN OCCUR OVER ENTIRE ROADWAY SURFACE. BE SURE TO INSTALL A SHOULDER WEDGE ALONG THE EDGE OF ROADWAY. SEE TYPICAL FINISHED SECTION FOR MILL & OVERLAY AND SHOULDER WEDGE DETAIL ON THE NEXT SHEET.
  2. FOR EMBANKMENT REINFCING AND GUARDRAIL PAD INFORMATION, SEE NEXT SHEET AND GUARDRAIL LAYOUT SHEET.



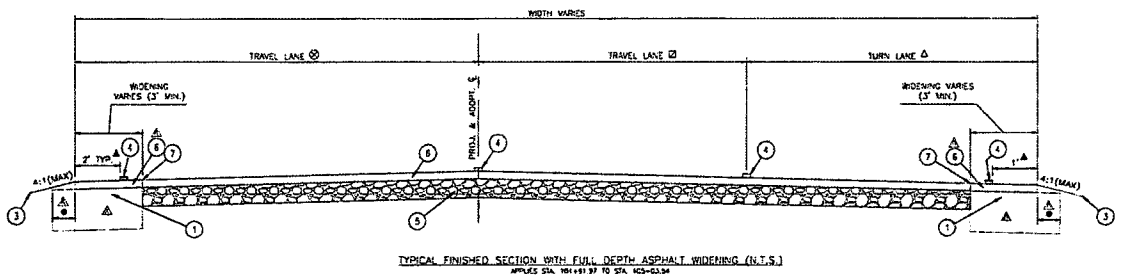
- ⊗ LANE WIDTH VARIES (11' - 16') FROM STA. 101+91.97 TO STA. 105+05.29;
- LANE WIDTH VARIES (14' - 18') FROM STA. 103+05.89 TO STA. 104+70.63;
- LANE WIDTH 18' FROM STA. 104+70.63 TO STA. 105+86.37;
- LANE WIDTH VARIES (18' - 23.5') FROM STA. 105+86.37 TO STA. 106+06.58.
- ⊙ LANE WIDTH 11' FROM STA. 101+91.97 TO STA. 105+03.54;
- LANE WIDTH VARIES (11' - 12') FROM STA. 105+03.54 TO STA. 105+38.75;
- LANE WIDTH 12' FROM STA. 105+38.75 TO STA. 105+72.29;
- (STRIPING ONLY) PAVEMENT LANE WIDTH 12' FROM STA. 105+72.29 TO STA. 106+06.58.
- △ TURN LANE WIDTH VARIES (7' - 12') FROM STA. 101+91.97 TO STA. 104+38.97;
- TURN LANE WIDTH 12' FROM STA. 104+38.97 TO STA. 105+03.54;
- TURN LANE WIDTH VARIES (12' - 13') FROM STA. 105+03.54 TO STA. 105+38.75;
- TURN LANE WIDTH 13' FROM STA. 105+38.75 TO STA. 105+72.29;
- (STRIPING ONLY) PAVEMENT LANE WIDTH VARIES (12' - 20.4') FROM STA. 105+80.21 TO STA. 106+06.58.
- ▲ STRIPING 1' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 100+20.00 TO STA. 105+03.54;
- STRIPING 1' - 2' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 105+03.54 TO STA. 105+38.75;
- STRIPING 2' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 105+38.75 TO STA. 106+06.58;
- STRIPING 1' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 100+20.00 TO STA. 101+91.97;
- STRIPING 1' - 2' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 101+91.97 TO STA. 103+05.89;
- STRIPING 2' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 103+05.89 TO STA. 106+06.58.



**Digital Engineering & Imaging, Inc.**  
 DIGITAL ENGINEERING & IMAGING, INC.  
 527 W. ESPERANZA AVE., #17, 200  
 KENNER, LA. 70005 • PH: (504) 886-1179

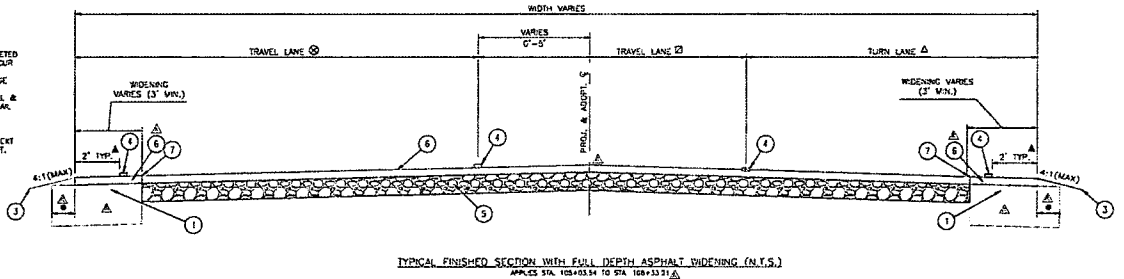
PROJECT NO.	7-20008-000
DATE	JANUARY 17, 2008
DESIGNER	ST. CHARLES
CHECKED	LOUISIANA
SCALE	
TITLE	WILCOXDALE TURN LANE
SHEET NO.	2 OF 2
TOTAL SHEETS	02

- 1 18" SUPERPAVE ASPHALTIC CONCRETE
- 2 4" BASE COURSE
- 3 2" SHOULDER (AGGREGATE SURFACE COURSE)
- 4 PAVEMENT STRIPING
- 5 EXISTING BASE
- 6 SEE MILL & OVERLAY TYPICAL SECTION
- 7 SAWCUT EXISTING EDGE OF ROAD FOR WIDENING WORK
- 8 SUPERFLEX-FABRIC



- NOTES:
- PAVEMENT WIDENING WILL BE COMPLETED BEFORE MILL AND OVERLAY CAN OCCUR OVER ENTIRE ROADWAY SURFACE. BE SURE TO INSTALL A SHOULDER WEDGE ALONG THE EDGE OF ROADWAY. SEE TYPICAL FINISHED SECTION FOR MILL & OVERLAY AND SHOULDER WEDGE DETAIL ON THE NEXT SHEET.
  - FOR EMBANKMENT WIDENING AND GUARDRAIL PAD INFORMATION, SEE NEXT SHEET AND GUARDRAIL LAYOUT SHEET.

▲ PAD FOR UNDER ITEM 041 - ASPHALT WIDENING (18" THICK)



- ① LANE WIDTH VARIES (11' - 16') FROM STA. 101+91.97 TO STA. 103+05.69;
- LANE WIDTH VARIES (18' - 18') FROM STA. 103+05.69 TO STA. 104+06.63;
- LANE WIDTH 18' FROM STA. 104+06.63 TO STA. 105+06.37;
- LANE WIDTH VARIES (18' - 23.5') FROM STA. 105+06.37 TO STA. 106+06.56.
- ② LANE WIDTH 11' FROM STA. 101+91.97 TO STA. 103+03.34;
- LANE WIDTH VARIES (11' - 12') FROM STA. 103+03.34 TO STA. 105+38.70;
- LANE WIDTH 12' FROM STA. 105+38.70 TO STA. 105+72.29;
- (STRIPING ONLY) PAVEMENT LANE WIDTH 12' FROM STA. 105+72.29 TO STA. 106+05.58.
- Δ TURN LANE WIDTH VARIES (7' - 12') FROM STA. 101+91.97 TO STA. 104+38.97;
- TURN LANE WIDTH 12' FROM STA. 104+38.97 TO STA. 105+03.34;
- TURN LANE WIDTH VARIES (12' - 13') FROM STA. 105+03.34 TO STA. 105+38.70;
- TURN LANE WIDTH 13' FROM STA. 105+38.70 TO STA. 105+72.29;
- (STRIPING ONLY) PAVEMENT LANE WIDTH 13' FROM STA. 105+72.29 TO STA. 105+80.21;
- (STRIPING ONLY) PAVEMENT LANE WIDTH VARIES (13' - 20.4') FROM STA. 105+80.21 TO STA. 106+05.58.
- ▲ STRIPING 1' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 105+20.00 TO STA. 106+03.54;
- STRIPING 1' - 2' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 105+03.34 TO STA. 105+38.70;
- STRIPING 2' OFFSET FROM RIGHT EDGE OF ROADWAY FROM STA. 105+38.70 TO STA. 106+33.71; ▲
- STRIPING 1' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 105+20.00 TO STA. 101+91.97;
- STRIPING 1' - 2' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 101+91.97 TO STA. 103+05.69;
- STRIPING 2' OFFSET FROM LEFT EDGE OF ROADWAY FROM STA. 103+05.69 TO STA. 106+33.71; ▲

- ▲ BASE EXTENSION FROM EDGE OF FINISHED ROADWAY:
- RIGHT SIDE:
- 1' EXTENSION FROM STA. 101+91.97 TO STA. 102+01.99;
- 1' - 0.5' EXTENSION FROM STA. 102+01.99 TO STA. 102+17.63;
- 0.5' EXTENSION FROM STA. 102+17.63 TO STA. 105+05.63;
- 0.5' - 1' EXTENSION FROM STA. 105+05.63 TO STA. 105+16.51;
- 1' EXTENSION FROM STA. 105+16.51 TO STA. 106+33.71;
- LEFT SIDE:
- 1' EXTENSION FROM STA. 101+91.97 TO STA. 102+71.56;
- 1' - 0.5' EXTENSION FROM STA. 102+71.56 TO STA. 102+84.62;
- 0.5' EXTENSION FROM STA. 102+84.62 TO STA. 104+10.28;
- 0.5' - 1' EXTENSION FROM STA. 104+10.28 TO STA. 104+18.53;
- 1' EXTENSION FROM STA. 104+18.53 TO STA. 105+23.86;
- 1' - 0.5' EXTENSION FROM STA. 105+23.86 TO STA. 105+32.88;
- 0.5' EXTENSION FROM STA. 105+32.88 TO STA. 105+70.30;
- 0.5' - 1' EXTENSION FROM STA. 105+70.30 TO STA. 105+80.21;
- 1' EXTENSION FROM STA. 105+80.21 TO STA. 106+33.71;



CHANGE ORDER AND/OR SPECIAL AGREEMENT

**digital engineering**  
DIGITAL ENGINEERING & IMAGING, INC.  
527 W. ESPERANZA AVE., STE. 200  
NEW ORLEANS, LA 70005 - PH. (504) 468-8179

PROJECT NO.	10849
DATE	01/12/2024
DESIGNED BY	ST. CHARLES
CHECKED BY	ST. CHARLES
DATE	01/12/2024
PROJECT TITLE	WILLCOCKS LAKE INTERCHANGE (R.S. 1)
SCALE	AS SHOWN
DATE	01/12/2024
PROJECT NO.	10849
DATE	01/12/2024
PROJECT TITLE	WILLCOCKS LAKE INTERCHANGE (R.S. 1)
SCALE	AS SHOWN
DATE	01/12/2024
PROJECT NO.	10849
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PROJECT TITLE	WILLCOCKS LAKE INTERCHANGE (R.S. 1)
SCALE	AS SHOWN
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PROJECT NO.	10849
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PROJECT TITLE	WILLCOCKS LAKE INTERCHANGE (R.S. 1)
SCALE	AS SHOWN
DATE	01/12/2024
PROJECT NO.	10849
DATE	01/12/2024
PROJECT TITLE	WILLCOCKS LAKE INTERCHANGE (R.S. 1)
SCALE	AS SHOWN
DATE	01/12/2024

TYPICAL SECTIONS AND DETAILS  
WILLCOCKS LAKE INTERCHANGE

VOID

PRELIMINARY SUMMARY OF ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
010	TEMPORARY CONSTRUCTION SIGNS AND BARRICADES	1	LS
020	COLD PLANE (2" THICK)	1,810	SY
030	ASPHALT PAVEMENT OVERLAY (2" THICK)	1,810	SY
031	ASPHALT PAVEMENT GUARDRAIL PAD (4" THICK)	236	SY
040	ASPHALT PATCHING (14" THICK)	159.7	TON
050	CLASS II BASE COURSE (6" THICK)	387.2	SY
060	REMOVAL OF GUARD RAIL	372.8	LF
061	BLOCKED OUT GUARD RAIL - 31", (6'-3" POST SPACING)	225	LF
062	GUARD RAIL END TREATMENT, MASH. (TL-3 TANGENT)	4	EA
063	REMOVAL OF TYPE 3 OBJECT MARKER	8	EA
064	REQUIRED TYPE 3 OBJECT MARKER	4	EA
070	RELOCATION OF INFRASTRUCTURE ITEMS	1	LS
080	SHOULDER MATERIAL (STONE FILL)	101	SY
090	HYDRO-SEEDING	0.07	ACRE
100	PLASTIC PAVEMENT STRIPING (SOLID LINE)(4" WIDTH)(THERMOPLASTIC 90 MIL)	0.408	MILE
101	PLASTIC PAVEMENT STRIPING (BROKEN LINE)(4" WIDTH)(THERMOPLASTIC 90 MIL)	0.093	MILE
102	PLASTIC PAVEMENT STRIPING (SOLID LINE)(6" WIDTH)(THERMOPLASTIC 90 MIL)	50	LF
103	PLASTIC PAVEMENT STRIPING (24" WIDTH)(THERMOPLASTIC 125 MIL)	30	LF
104	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	2	EA
105	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - RIGHT TURN)	2	EA
110	EXCAVATION AND EMBANKMENT	1	LS
120	MOBILIZATION / DEMOBILIZATION	1	LS



**digital engineering**  
DIGITAL ENGINEERING & MAINTENANCE, INC.  
527 W. ESPERANZA AVE., STE. 200  
MONROE, LA, 70505 - PH: (504) 488-8128

PROJECT NO.	1100000000
DATE	01/11/2024
PROJECT NAME	WILLOWDALE TURN LANE
CLIENT	ST. CHARLES
DESIGNER	ST. CHARLES
CHECKER	ST. CHARLES
APPROVER	ST. CHARLES
SCALE	AS SHOWN
DATE	01/11/2024
PROJECT NO.	1100000000
DATE	01/11/2024
PROJECT NAME	WILLOWDALE TURN LANE
CLIENT	ST. CHARLES
DESIGNER	ST. CHARLES
CHECKER	ST. CHARLES
APPROVER	ST. CHARLES
SCALE	AS SHOWN
DATE	01/11/2024

SUMMARY OF ESTIMATED QUANTITIES  
11

SUMMARY OF ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
010	TEMPORARY CONSTRUCTION SIGNS AND BARRICADES	1	LS
020	COLD PLANE (2" THICK)	Δ 2,144	SY
030	ASPHALT PAVEMENT OVERLAY (2" THICK)	Δ 2,144	SY
031	ASPHALT PAVEMENT GUARDRAIL PAD (4" THICK)	Δ 236	SY
040	ASPHALT PATCHING (14" THICK)	Δ 19.1	TON
A 041	ASPHALT WIDENING (16" THICK)	480.0	TON
050	CLASS II BASE COURSE (8" THICK)	24.8	SY
060	REMOVAL OF GUARD RAIL	372.8	LF
061	BLOCKED OUT GUARD RAIL - 31", (6'-3" POST SPACING)	225	LF
062	GUARD RAIL END TREATMENT, MASH, (TL-3 TANGENT)	4	EA
063	REMOVAL OF TYPE 3 OBJECT MARKER	8	EA
064	REQUIRED TYPE 3 OBJECT MARKER	4	EA
070	RELOCATION OF INFRASTRUCTURE ITEMS	1	LS
080	SHOULDER MATERIAL (STONE FILL)	101	SY
090	HYDRO-SEEDING	0.07	ACRE
100	PLASTIC PAVEMENT STRIPING (SOLID LINE)X4" WIDTH)(THERMOPLASTIC 90 MIL)	0.408	MILE
101	PLASTIC PAVEMENT STRIPING (BROKEN LINE)X4" WIDTH)(THERMOPLASTIC 90 MIL)	0.093	MILE
102	PLASTIC PAVEMENT STRIPING (SOLID LINE)X8" WIDTH)(THERMOPLASTIC 90 MIL)	50	LF
103	PLASTIC PAVEMENT STRIPING (24" WIDTH)(THERMOPLASTIC 125 MIL)	30	LF
104	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	2	EA
105	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	2	EA
110	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - RIGHT TURN)	1	LS
120	MOBILIZATION / DEMOBILIZATION	1	LS
A 130	LOOP DETECTOR	113	LF



CHANGE ORDER AND/OR  
SPECIAL AGREEMENT

**digital engineering**

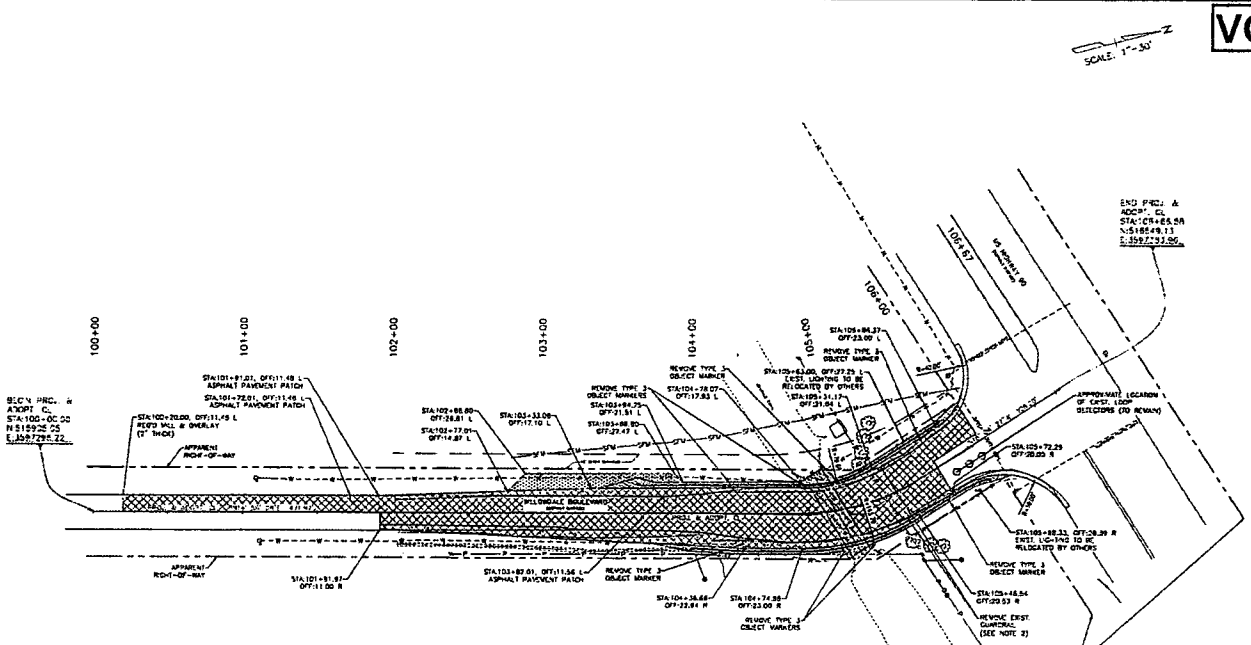
DIGITAL ENGINEERING & SURVEYING, INC.  
527 W. ESPERANDE AVENUE, STE. 200  
MONROE, LA 70005 - PH (504) 668-8129

PROJECT NO.	ST. JAMES
CITY	ST. JAMES
STATE	LOUISIANA
DATE	JANUARY 12, 2024
BY	XXXXXXXXXX
CHECKED BY	XXXXXXXXXX
APPROVED BY	XXXXXXXXXX
DATE	XXXXXXXXXX
PROJECT NAME	XXXXXXXXXX
PROJECT LOCATION	XXXXXXXXXX
PROJECT TYPE	XXXXXXXXXX
PROJECT STATUS	XXXXXXXXXX
PROJECT PHASE	XXXXXXXXXX
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PROJECT PARISH	XXXXXXXXXX
PROJECT DISTRICT	XXXXXXXXXX
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PROJECT CENSUS TRACT	XXXXXXXXXX
PROJECT FIPS	XXXXXXXXXX
PROJECT GAZETTEER	XXXXXXXXXX
PROJECT TIGER	XXXXXXXXXX
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PROJECT USMIST96	XXXXXXXXXX
PROJECT USMIST97	XXXXXXXXXX
PROJECT USMIST98	XXXXXXXXXX
PROJECT USMIST99	XXXXXXXXXX
PROJECT USMIST100	XXXXXXXXXX



**VOID**

SCALE: 1"=50'



SEC. 4  
ADPT. C.  
STA 100+00 TO 100+25  
R/S 100+00 TO 100+25  
L/S 100+00 TO 100+25

- NOTES:**
1. FOR ADDITIONAL LANE WIDTH INFORMATION SEE PLAN, SECTION 05151.
  2. PRIOR TO REMOVAL, THE CONTRACTOR SHALL VERIFY THE QUANTITY, HEIGHT AND LOCATION OF THE EXISTING OBJECT MARKERS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING OBJECT MARKERS AND SHALL REPORT THE CONTRACTOR FOR THE MARKERS OF 3 INCHES FROM THE TOP OF THE NEW CURB TO REMOVE. THE NEW QUANTITY, HEIGHT AND LOCATION OF THE EXISTING OBJECT MARKERS SHALL BE ACCORDING TO THE QUANTITY AS SPECIFIED IN THE BOTH SHOWN PLANS INCLUDED IN THIS PLAN SET.

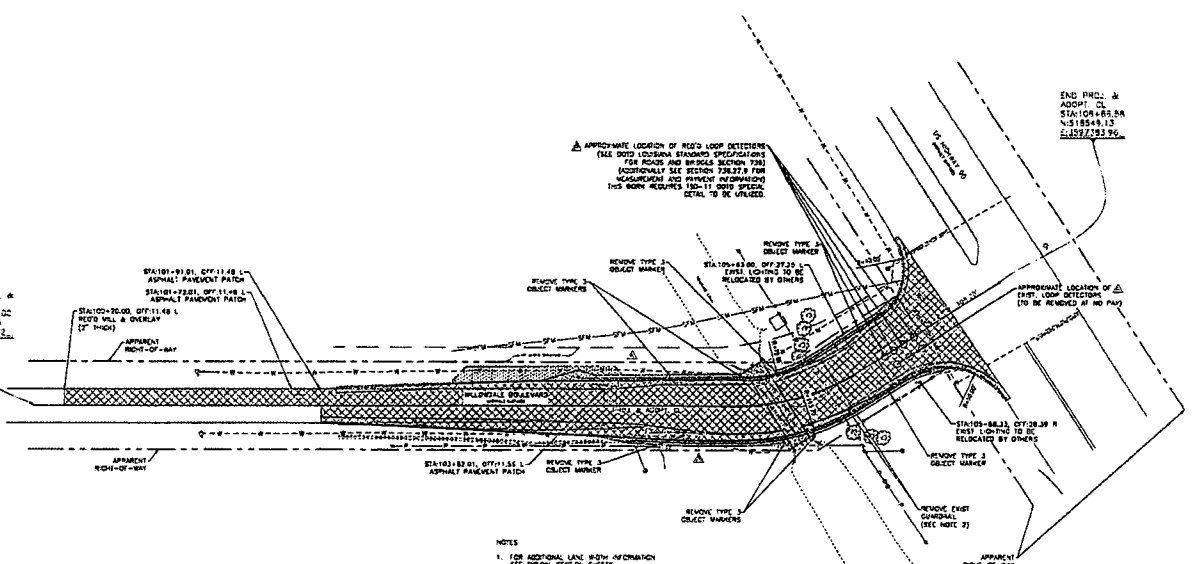


**digital engineering**  
DIGITAL ENGINEERING & IMAGING, INC.  
827 W. ESPERANZA AVE., STE. 200  
KENNEDY, LA. 70059-7761 (504) 468-6129

PROJECT NO.	230000000
DATE	JANUARY 17, 2023
DRAWN BY	ST. CHARLES
CHECKED BY	LOUJAHAN
SCALE	AS SHOWN
TITLE	PLAN SHEET
SHEET NO.	11
TOTAL SHEETS	11
PROJECT NAME	MILLOWDALE TURN LANE

SCALE: 1" = 20'

REC'D PROJ. &  
ADPT. C.  
474183-10 00  
N-515925 05  
E-3877298 22



- NOTES
1. FOR ADDITIONAL LANE WIDTH INFORMATION SEE TRUCK SECTION SHEETS.
  2. PRIOR TO REMOVAL, THE CONTRACTOR SHALL VERIFY & THE CHANGING POINTS ARE BOLTED DIRECTLY TO THE EXISTING SUB-PAVEMENT. IF THEY ARE BOLTED, THE CONTRACTOR MAY CUT THE BOLT A MAXIMUM OF 2 INCHES FROM THE TOP OF THE SUB-PAVEMENT TO PREVENT DAMAGE TO THE EXISTING SUB-PAVEMENT. THE NEW CURB/POST SHALL BE ANCHORED TO THE SUB-PAVEMENT AS SPECIFIED IN THE REFERENCED PLANS INCLUDED IN THIS PLAN SET.

END PROJ. &  
ADPT. C.  
STATION 483.84  
4518549.13  
E-3897182.92



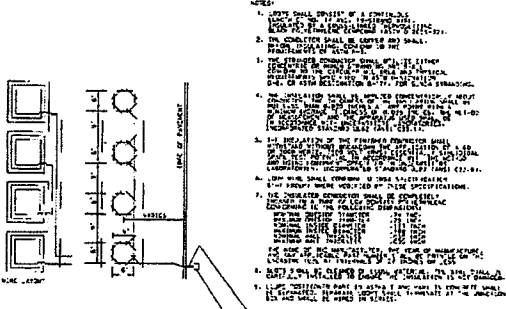
CHANGE ORDER AND/OR  
SPECIAL AGREEMENT

**digital engineering**

DIGITAL ENGINEERING & IMAGING, INC.  
527 W. ESPLANADE AVE., STE. 200  
RECHER, LA. 70082 - PH. (504) 834-1170

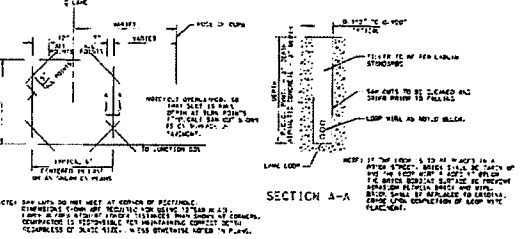
PROJECT NO.	474183-10 00
DATE	1/17/2013
BY	ST. CHARLES
CHECKED	ST. CHARLES
DATE	1/17/2013
PROJECT NAME	WILLOWDALE TOLL LANE
SCALE	AS SHOWN
SHEET NO.	03A
TOTAL SHEETS	03A

TYPICAL SAW CUT LAYOUT



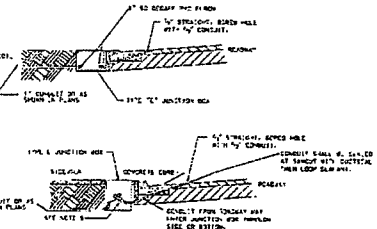
1. SAW CUTS SHALL BE SPACED AT A MINIMUM OF 10 FEET AND SHALL BE PARALLEL TO THE DRIVEWAY.
2. THE SPACING SHALL BE ADJUSTED TO ACCOMMODATE THE WIDTH OF THE DRIVEWAY.
3. THE SPACING SHALL BE ADJUSTED TO ACCOMMODATE THE WIDTH OF THE DRIVEWAY.
4. THE SPACING SHALL BE ADJUSTED TO ACCOMMODATE THE WIDTH OF THE DRIVEWAY.
5. THE SPACING SHALL BE ADJUSTED TO ACCOMMODATE THE WIDTH OF THE DRIVEWAY.
6. THE SPACING SHALL BE ADJUSTED TO ACCOMMODATE THE WIDTH OF THE DRIVEWAY.
7. THE SPACING SHALL BE ADJUSTED TO ACCOMMODATE THE WIDTH OF THE DRIVEWAY.
8. THE SPACING SHALL BE ADJUSTED TO ACCOMMODATE THE WIDTH OF THE DRIVEWAY.
9. THE SPACING SHALL BE ADJUSTED TO ACCOMMODATE THE WIDTH OF THE DRIVEWAY.
10. THE SPACING SHALL BE ADJUSTED TO ACCOMMODATE THE WIDTH OF THE DRIVEWAY.

LOOP SAW-CUT CONFIGURATION



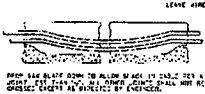
NOTE: SAW CUTS TO BE MADE AT CORNER OF PAVEMENT. DIMENSIONS GIVEN ARE MINIMUMS. SEE PLAN FOR DIMENSIONS. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CORRECT SPACING OF SAW CUTS. SEE STRUCTURE NOTES FOR PLAN.

TYPICAL LOOP LEAD-IN INSTALLATION



1. LOCATION SHALL BE AT CORNER OF PAVEMENT. DIMENSIONS GIVEN ARE MINIMUMS. SEE PLAN FOR DIMENSIONS. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CORRECT SPACING OF SAW CUTS. SEE STRUCTURE NOTES FOR PLAN.
2. FOR A LOOP LEAD-IN INSTALLATION TO BE MADE IN A DRIVEWAY, A 2" DIA. CONCRETE PIPER SHALL BE REQUIRED. THE PIPER SHALL BE INSTALLED TO A MINIMUM OF 12" BELOW THE FINISH GRADE OF THE DRIVEWAY.
3. THE PIPER SHALL BE INSTALLED TO A MINIMUM OF 12" BELOW THE FINISH GRADE OF THE DRIVEWAY.
4. THE PIPER SHALL BE INSTALLED TO A MINIMUM OF 12" BELOW THE FINISH GRADE OF THE DRIVEWAY.
5. THE PIPER SHALL BE INSTALLED TO A MINIMUM OF 12" BELOW THE FINISH GRADE OF THE DRIVEWAY.
6. THE PIPER SHALL BE INSTALLED TO A MINIMUM OF 12" BELOW THE FINISH GRADE OF THE DRIVEWAY.

PAVEMENT JOINT & CRACK SECTION



NOTE: FROM THE BLADE DOWN TO ALLOW A MIN. OF 2" CLEARANCE TO THE SAW CUT. THE SAW CUT SHALL BE MADE AT THE LOCATION OF THE JOINT OR CRACK.

CHANGE ORDER AND/OR SPECIAL AGREEMENT

THESE STANDARD PLANS HAVE BEEN PROPERLY EXAMINED BY ME, THE UNDERSIGNED PROFESSIONAL ENGINEER, I HAVE DETERMINED THAT THESE PLANS COMPLY WITH ALL APPLICABLE CODES AND HAVE BEEN PROPERLY ADAPTED TO USE ON THIS PROJECT.

NO.	DATE	REVISION	BY	CHKD.

NO.	DATE	REVISION	BY	CHKD.

DOTD STANDARD PLANS  
WILCOXDALE TOLLWAY

digital engineering  
DIGITAL ENGINEERING & IMAGING, INC.  
827 W. ESPERANZA AVE., STE 200  
KNOXVILLE, TN 37920-7618

**SECTION 00805**

**WORK CHANGE DIRECTIVE**

No. 2

DATE OF ISSUANCE 07/03/2024 EFFECTIVE DATE 07/03/2024

Owner: St. Charles Parish

Contractor: Barriere Construction, LLC

Contract: Willowdale Turn Lane

Owner's Contract No. P230804 Engineer's Contract No. 22R00001.002

ENGINEER: Digital Engineering and Imaging, Inc.

Contractor is directed to proceed promptly with the following change(s):

Description: In RFI #2, Barriere and Traffic Commander requested resolutions to 5 conflicts. This Work Change Directive is a result of the Parish, Engineer, and Contractor agreeing to these changes as discussed in the field (06/28/24) and documented in RFI #2 Response. In general, the guardrail/utility conflicts will be resolved by one or more of the following options as described in the Response to RFI #2: offset the entire guardrail 1 foot toward the roadway (western side), add additional blockouts to the posts to offset the placement of the guardrail posts, and excavate to place posts in sonotubes with filled with flowable fill. Also, this Work Change Directive will cover a request from the Parish to adjust the location of a median nose on US 90 to better accommodate left turning vehicles from Willowdale. Before work can proceed on the Median Nose work, DOTD must accept and update the Permit.

Attachments: (List documents supporting change) RFI #2, Preliminary Revised Median Nose.

**Purpose for Work Change Directive:**

Directive to proceed promptly with the Work described herein, prior to agreeing to changes on Contract Price and Contract Time, is issued due to: (check one)

- Non-agreement on pricing of proposed change.
- Necessity to proceed for schedule or other project reasons.

**Estimated Change in Contract Price and Contract Times (non-binding, preliminary):**

Contract Price: Approx. \$38,000 [increase] [decrease]

Contract Time 0 days [increase] [decrease]

**Basis of estimated change in Contract Price:**

- Lump Sum
- Cost of the Work
- Unit Price
- Other

Recommended:	Limited Authorization By*:	Received:
By: <u>Stephanie B. Howard</u>	By: <u>[Signature]</u>	By: <u>[Signature]</u>
Engineer (Authorized Signature)	Owner's Representative*	Contractor (Authorized Signature)
Title: <u>Senior Project Manager</u>	Title: <u>Parish Engineer</u>	Title: <u>PROJECT MANAGER</u>
Date: <u>07/03/2024</u>	Date: <u>7/3/24</u>	Date: <u>7/3/2024</u>


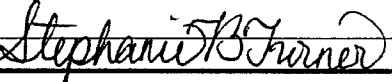
\*Owner's Representative is not authorized to finalize a Change Order nor does the Work Change Directive substitute the Change Order process as more fully set out in the General Conditions of the Construction Contract.

Approved by Funding Agency (if applicable)

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Title: \_\_\_\_\_



**REQUEST FOR INFORMATION**

Project Number: P230804	RFI Number: 2.0
Willowdale Turn Lane	
Project Name:	Date Received: 6/26/2024
Project Engineer: Stephanie Turner	Date Required: 6/28/2024
	Forwarded To: Stephanie Turner
Contractor: Barriere Construction	Date Responded:
Specification No.:	Page No.:
check one: <input type="checkbox"/> RFI	<input checked="" type="checkbox"/> Design Modification
check one: <input type="checkbox"/> Standard Specification	<input type="checkbox"/> Supplemental Specification
	<input type="checkbox"/> Proposed VE
	<input type="checkbox"/> Special Provision
Plan Sheet No.:	Detail:
<b>REQUEST:</b> Please see the attached proposals from Traffic Commander for the conflicts at the guardails.	
<b>PROPOSED SOLUTION (If applicable):</b> Please provide us with a solution for conflict 2 and let us know which proposed solution you would like to go with for the other 4 conflicts.	
By: Christian Valetton	Signature:  Date: 6/26/2024
<b>RESPONSE:</b> See Guardrail Conflicts Update (RFI #2) attached at the end of this document for response.	
By: Stephanie B. Turner	Signature:  Date: 06/28/24
After reviewing the response, does the contractor anticipate: That a change order will be required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No That there will be an increase in the cost of the project? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



**TRAFFIC  
COMMANDER**

Traffic Commander LLC  
Willowdale Guard Rail Conflicts  
06/26/2024

**Willowdale Blvd and US 90**

Outbound to US 90 Conflicts:

**Conflict 5**

- Northside of US 90 waterline poses a conflict with waterline at outbound corner of box culvert
- **Proposed solution shift G/R run 1' towards roadway shoulder and double block set pedestal post to match offset.**

**Conflict 1**

- Current G/R configuration puts 20' of run in direct conflict with watermain approximately 59' North of existing utility post
- **Proposed solution**
  1. **Excavate and set post then back fill using river sand compacting in 1' lifts, this will still place post 8-10" above waterline but will eliminant head pressure to line from driving post into soil**
  2. **Excavate and pour 2'x2' chain wall from southbound corner of box culvert to front of end treatment at existing utility post using A1 concrete. Change G/R post to pedestal post placed on headwall**
  3. **Shifting GR run would cause concerns at Conflict 2**

**Conflict 2**

- Current G/R configuration has watermain 1' outside of 6" end treatment tubes, driving post could cause friction to watermain. These post have to be driven and at 6' depth. Watermain at this location is 6' in depth
- **No proposed solution**

**Conflict 3**

- Current G/R configuration has 1<sup>st</sup> G/R post south of box culvert in conflict with water main.
- **Proposed solution: use a attached detail allowing post to be skipped doubling up blocked out G/R at this location. Span length to be determined by engineer.**

**Conflict 4**

3200 N. Turnbull Dr.  
Metairie, LA 70002  
Phone: 504-635-2400

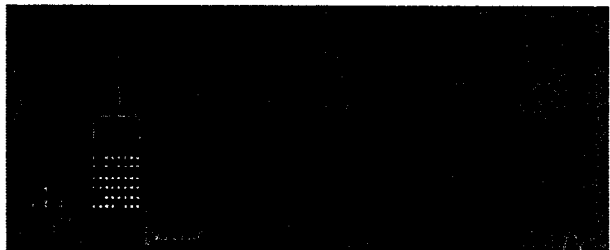
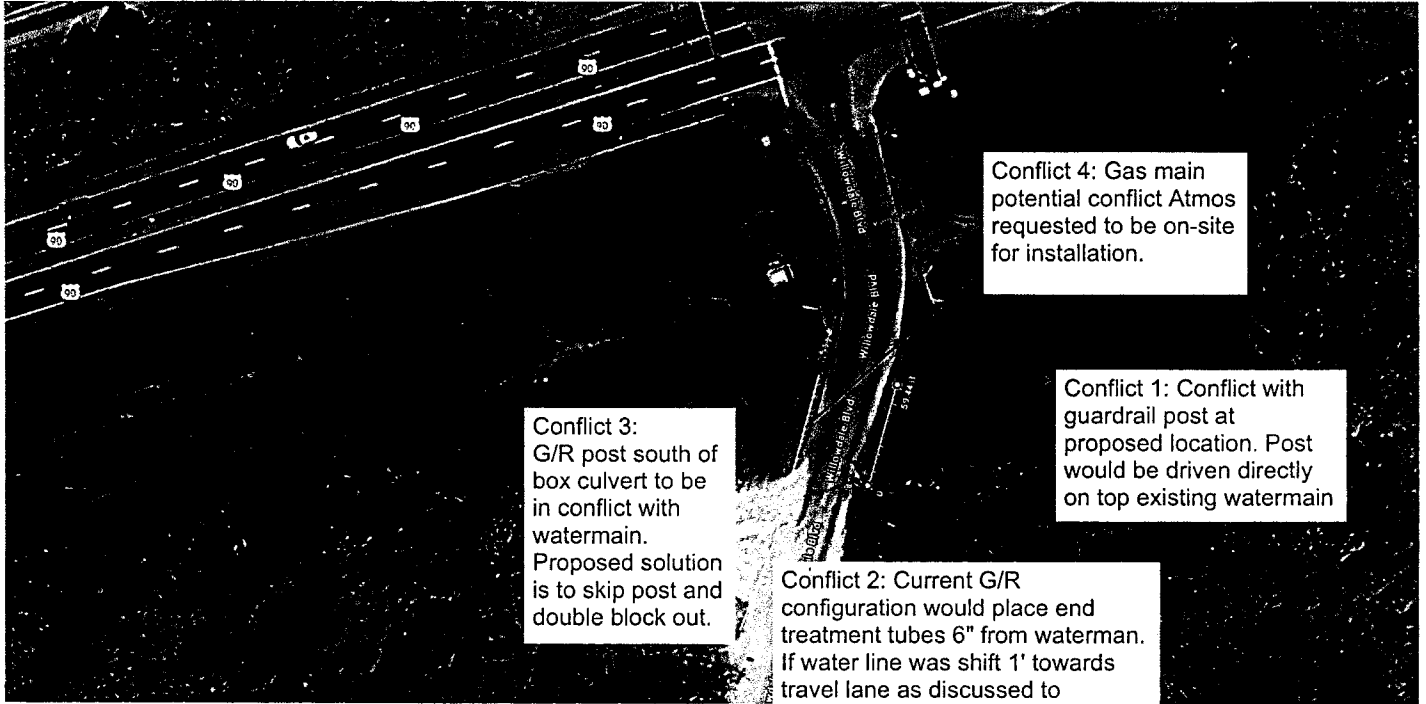


**TRAFFIC  
COMMANDER**

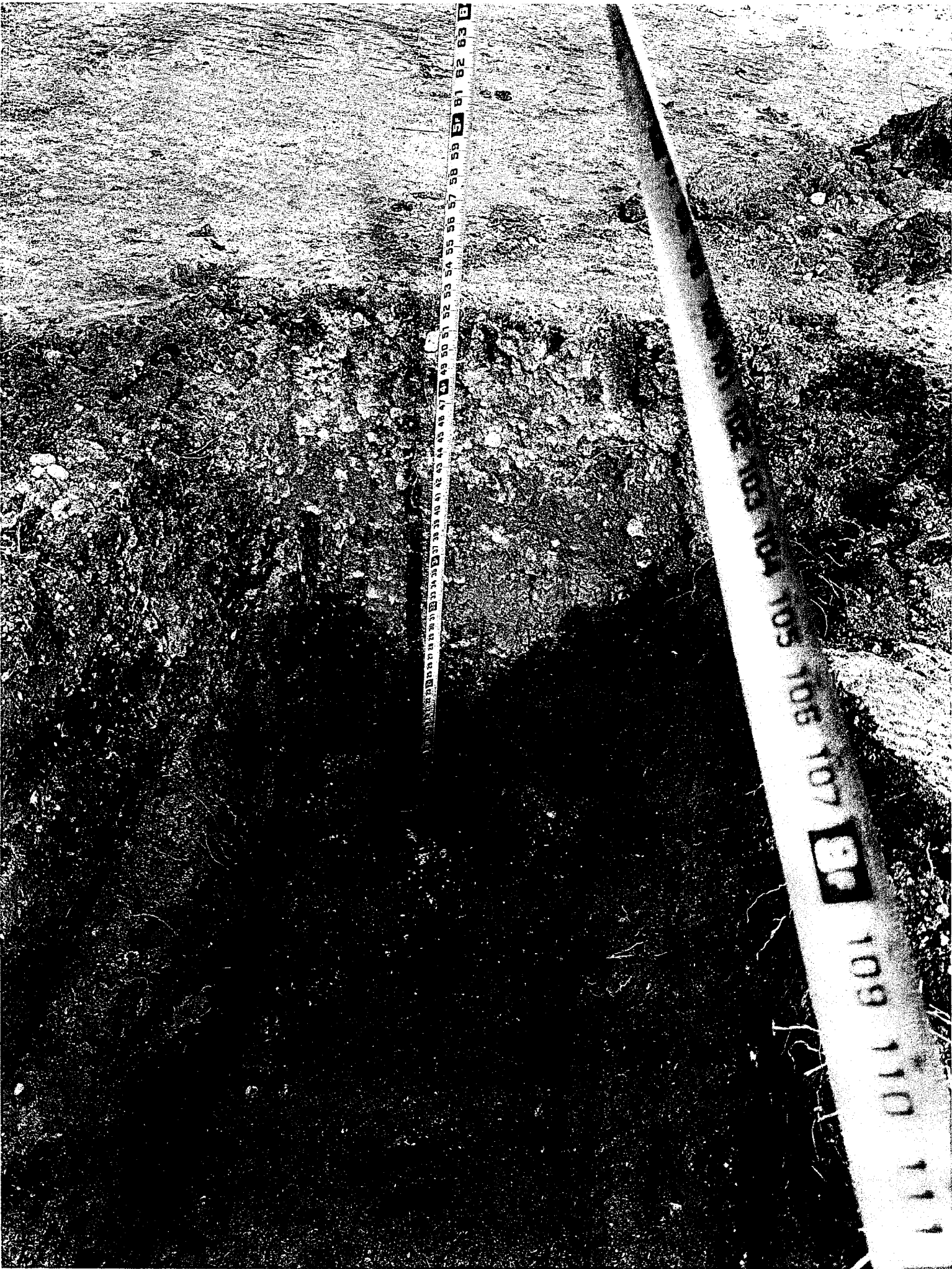
- Gas main located directly under proposed G/R run
- **Proposed solution:**
  1. All post need to be exploratory excavated to insure gas line/waterline is not damaged.
  2. Traffic Commander request additional CO to allow for additional time to excavate post around gasline and waterline.

3200 N. Turnbull Dr.  
Metairie, LA 70002  
Phone: 504-635-2400

Google Maps Willowdale Blvd & US-90

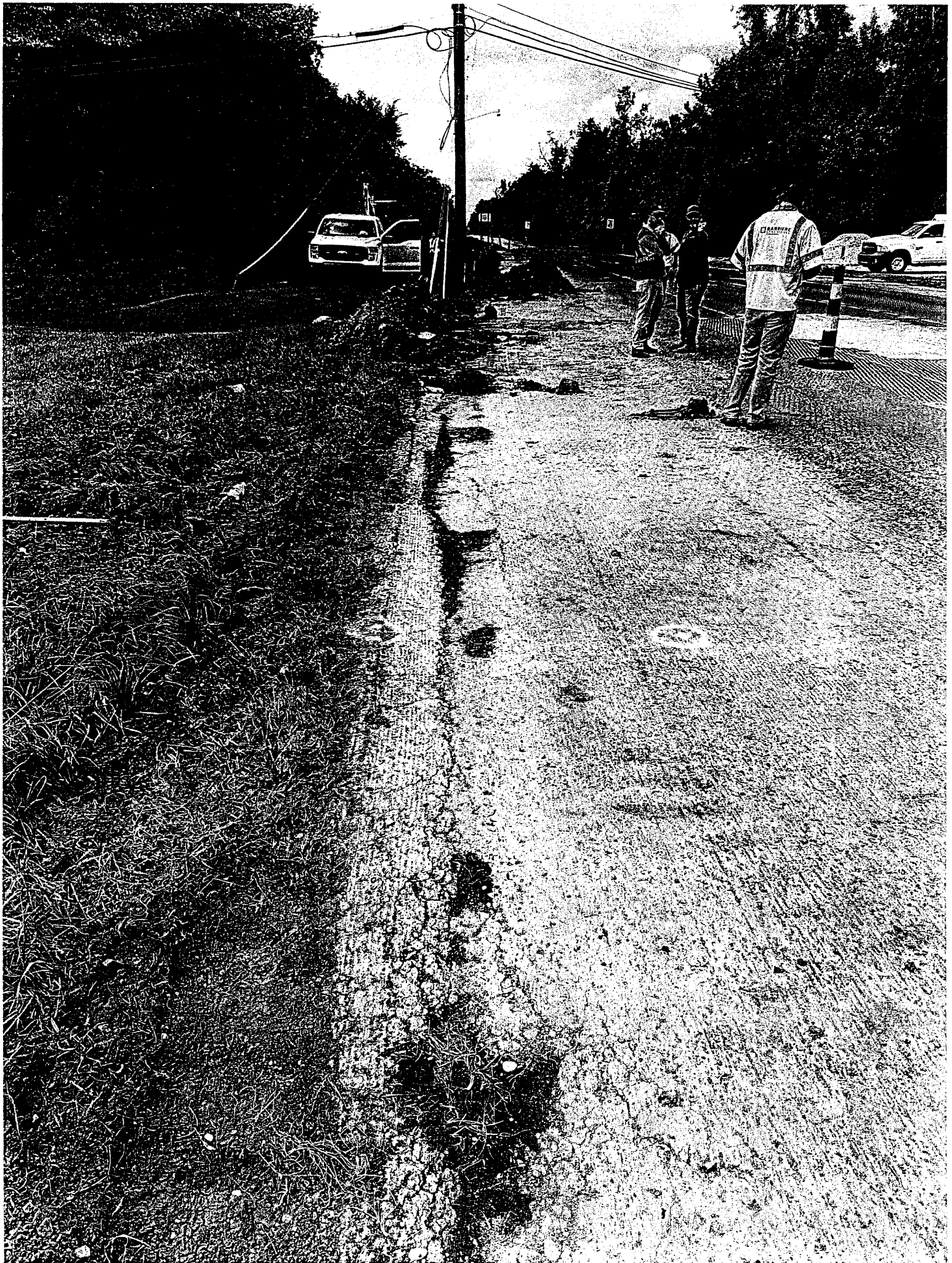






48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

105 106 107 108 109 110 111







## GUARDRAIL CONFLICTS UPDATE (RFI #2)

ST. CHARLES PARISH  
WILLOWDALE TURN LANE  
PROJECT NO. P230804

PREPARED BY: Stephanie B. Turner, P.E., PMP – Digital Engineering

LOCATION: On-Site  
Willowdale Blvd. & US Hwy. 90

DATE & TIME: June 28, 2024 @ 9:00 AM

ATTENDEES: Stephanie B. Turner – Digital Engineering  
Robert McCann – Digital Engineering  
Zach Pollock – St. Charles Parish  
Wade Dufrene – St. Charles Parish  
Christian Valetton – Barriere Construction  
Travis Hudspeth – Traffic Commander

*Please review these notes and submit any corrections to a representative of Digital Engineering within 5 working days of receipt of these notes. The contents of the notes and any submitted corrections will be considered the approved meeting minutes and used as information agreed upon by all parties involved.*

28/06/24

### CONFLICT #1:

Current G/R configuration puts 20' of run in direct conflict with watermain approximately 59' North of existing utility post.

- Within the proposed solutions presented by Traffic Commander in RFI #2, it was suggested to "excavate and set the post then back fill using river sand compacting in 1' lifts..." We have decided to use something similar to this option with a slight change to ensure that the post acts more like if it would have been driven into the existing ground. This would be to use a 16" diameter sonotube, fill with flowable fill (approx. 3') and then place the 4" asphalt guardrail pad.
  - Traffic Commander mentioned sending a detail to Digital related to this work.
- Along with this above solution, additional blocks can be used for the blockout allowing the post to be moved further away from the roadway. It is anticipated that there will be locations that will require 3 blocks. Please note that only the total minimum number of blocks should be used when offsetting the guardrail posts.

### CONFLICT #2:

Current G/R configuration has watermain 1' outside of 6" end treatment tubes, driving post could cause friction to watermain. These posts have to be driven and at a 6' depth. Watermain at this location is 6' in depth.

- Traffic Commander stated in the field that this is no longer a conflict because of the way that Conflict #1 was resolved.

## CONFLICT #3:

Current G/R configuration has 1<sup>st</sup> G/R post south of box culvert in conflict with water main.

- For the West side of Willowdale, the entire guardrail will be moved 1' toward the roadway. This will revise the 16' lane to be 15' wide. This should alleviate this problem. For the posts already bolted to the box culvert, you can utilize the additional blocks for blockout to achieve this shift in the guardrail. With this being said, if the waterline is still in conflict a minimal shift in the post in conflict with the waterline is allowed. The other posts would be installed as if this post was not being shifted.

## CONFLICT #4:

Gas main located directly under proposed G/R run.

- Because we don't have an exact gas line location, no changes are proposed at this moment. If there is a conflict with this new guardrail location and the gas line, the Contractor should tell the Parish and the Engineer so that the conflict can be resolved.

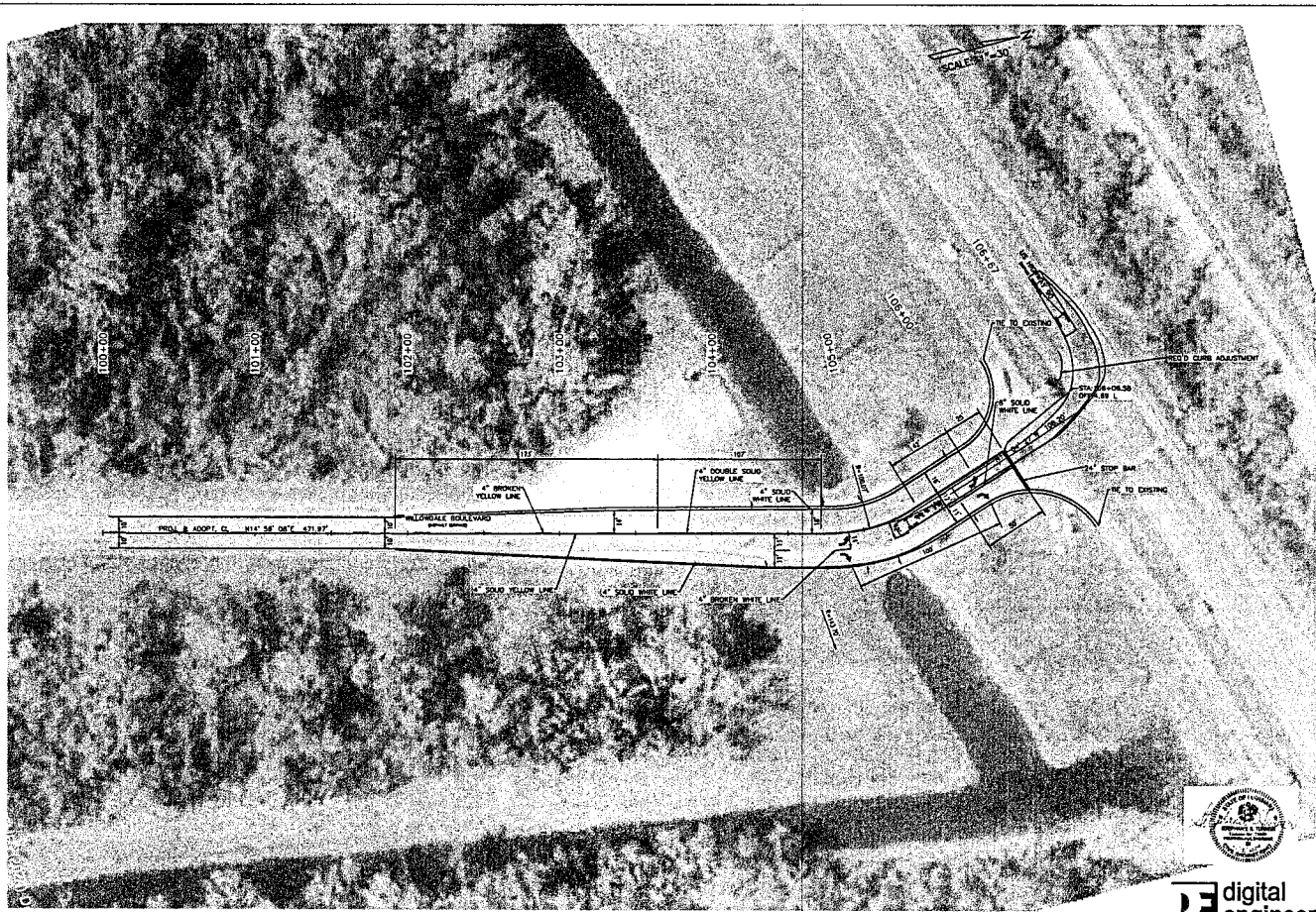
## CONFLICT #5:

Northside of US 90 waterline poses a conflict with waterline at outbound corner of box culvert.

- Similar to Conflict #1, posts can be installed via excavation with sonotubes, flowable fill, and asphalt guardrail pad. Also, additional blocks for the blockout can be used to offset the posts. (The 1' shift in the guardrail is no longer needed.)

## NOTES

1. Traffic Commander can submit additional items and prices for change order.



**digital engineering**  
DIGITAL ENGINEERING & IMAGING, INC.  
 527 W. ESPERANDE AVE., STE. 200  
 KENNER, LA. 70065 - PH: (504) 488-6129

PROJECT:	23000095.000
DATE:	07/20/23
PROJECT:	WILLOWDALE TURN LANE
DATE:	07/20/23
PROJECT:	PAYMENT MARKING SHEET
DATE:	07/20/23
PROJECT:	ST. CHARLES
DATE:	07/20/23
PROJECT:	STATE OF LOUISIANA
DATE:	07/20/23

P230804 - Willowdale Turn Lane  
 Parish Project Number: P230804  
 Barriere Job No. - 240031.000  
 Change Order 1 - Electrical Items  
 Change Order Breakdown  
 17-Jun-24



Items to be added to Contract

Item #	Description	UM	Qty.	Cost	Total Cost	Notes
120	Mobilization & Demobilization	LS	1.00	\$ 3,005.10	\$ 3,005.10	
130	Loop Detector	LF	113.00	\$ 41.36	\$ 4,673.90	
140	736-01-00100 Trenching and Backfilling	LF	50.00	\$ 17.70	\$ 885.06	
150	736-11-00050 Conduit (1/2" HDPE, Schedule 80)	LF	50.00	\$ 5.76	\$ 287.98	
151	736-11-00100 Conduit (1" HDPE, Schedule 80)	LF	50.00	\$ 7.06	\$ 353.02	
	Items to be added to Contract Total				\$ 9,205.05	
	Change Order Total				\$ 9,205.05	



LABOR												
Description	Craft	Salary	Qty (EA)	S.T.	O.T.	Total Hours	S.T. Rate	O.T. Rate	S.T. Total	O.T. Total	Total Wage	Extension
Salary Hours						-		\$ -	\$ -	\$ -	\$ -	
Craft Hours						-		\$ -	\$ -	\$ -	\$ -	
Craft Hours						-		\$ -	\$ -	\$ -	\$ -	
Craft Hours						-		\$ -	\$ -	\$ -	\$ -	
Craft Hours						-		\$ -	\$ -	\$ -	\$ -	
Craft Hours						-		\$ -	\$ -	\$ -	\$ -	
Craft Hours						-		\$ -	\$ -	\$ -	\$ -	
Craft Hours						-		\$ -	\$ -	\$ -	\$ -	
Total Hours						0.00						
Craft Hours						0.00						
Salary Hours						0.00						
Subtotals - Labor											\$ -	\$ -
Payroll Taxes						10.00%	of	Total Wages			\$ -	\$ -
Insurance (General Liability 8.5%, Workers Comp 8.75%)						17.25%	of	Total Wages			\$ -	\$ -
Staff Personnel Benefits						\$ 13.50	Per	Total Hours (Salary only)			\$ -	\$ -
Hourly Personnel Benefits						\$ 10.75	Per	Total Hours (Craft only)			\$ -	\$ -
Subtotals - Labor Insurance & Taxes, Benefits											\$ -	\$ -
											Labor Subtotal:	\$ -
											Labor Total:	\$ -
Labor, Materials & Equipment												
Description	Quantity	UNIT	Price	Material cost must be supported by quotations and/or invoices from							Extension	
											\$ -	
											\$ -	
											\$ -	
											Materials Subtotal:	\$ -
EQUIPMENT- Blue Book												
Description	Equip. #/Make/Model	Quantity	Hours	Rate	Standby hours	Standby Rate	Equipment cost supported by quotations, invoices or Blue Book Rental Rate				Extension	
											\$ -	
											\$ -	
											\$ -	
											\$ -	
											\$ -	
											\$ -	
											\$ -	
											Blue Book Equipment Subtotal:	\$ -
DIRECT COST (Labor & Materials) = \$0.00 Plus (Mark Up On Labor & Materials): 15% = \$0.00 DIRECT COST (Equipment) = \$0.00 SUBTOTAL = \$0.00												
SUBCONTRACTORS												
Company	Description	Description of Work	Quantity	UNIT	Unit Cost	Subcontractor cost must be supported by quotations and/or				Extension		
Jack Harper	Mobilization	Mobilize Equipment for Loop Detector work	1	LS	\$ 2,702.72					\$ 2,702.72		
											Subcontracts Subtotal:	\$ 2,702.72
SUBCONTRACT COST = \$2,702.72 Plus (Mark Up): 10% = \$270.27 SUBTOTAL = \$2,972.99												
TOTAL												
											Subtotal =	\$2,972.99
											Bond Cost (\$7.20 / \$1000.00 + 15% Markup) =	\$32.11
											TOTAL COST=	\$3,005.10
											Qty =	1.00 LS
											Unit Price	\$3,005.10



P230804 - Willowdale Turn Lane  
Proposed Change Order - COST SUMMARY

PROJECT: P230804 - Willowdale Turn Lane  
DATE OF WORK: TBD  
Description of the work performed: Loop Detector



LABOR	Description		Craft/Salary	OP. (PA)	S.T.	O.T.	Total Hours	S.T. Rate	O.T. Rate	ST Total	OT Total	Total Wage	Extension
			Salary Hours						\$	\$	\$	\$	
			Craft Hours						\$	\$	\$	\$	
			Craft Hours						\$	\$	\$	\$	
			Craft Hours						\$	\$	\$	\$	
			Craft Hours						\$	\$	\$	\$	
			Craft Hours						\$	\$	\$	\$	
			Craft Hours						\$	\$	\$	\$	
			Craft Hours						\$	\$	\$	\$	
			Craft Hours						\$	\$	\$	\$	
			Total Hours				0.00						
			Craft Hours				0.00						
			Salary Hours				0.00						
			Subtotals - Labor										\$ -
			Payroll Taxes				10.00%	of		Total Wages			\$ -
			Insurance (General Liability 8.5%, Workers Comp 8.75%)				17.25%	of		Total Wages			\$ -
			Staff Personnel Benefits				\$ 13.50	Per		Total Hours (Salary only)			\$ -
			Hourly Personnel Benefits				\$ 10.75	Per		Total Hours (Craft only)			\$ -
			Subtotals - Labor Insurance & Taxes, Benefits										\$ -
	Labor Subtotal: \$ -												
	Labor Total: \$ -												
	Labor, Materials & Equipment	Description		Quantity	UNIT	Price	Material cost must be supported by quotations and/or invoices from						Extension
													\$ -
													\$ -
													\$ -
Materials Subtotal: \$ -													
EQUIPMENT- Blue Book													
LABOR, MATERIALS & EQUIPMENT	Description		Equip#/Make/Model	Quantity	Hours	Rate	Standby Hours	Standby Rate	Equipment cost supported by quotations, invoices or Blue Book Rental Rate				Extension
													\$ -
													\$ -
													\$ -
													\$ -
													\$ -
													\$ -
Blue Book Equipment Subtotal: \$ -													
DIRECT COST (Labor & Materials) = \$0.00 Plus (Mark Up On Labor & Materials): 15% = \$0.00 DIRECT COST (Equipment) = \$0.00 SUBTOTAL = \$0.00													
SUBCONTRACTOR COST	Company		Description	Description of Work	Quantity	UNIT	Unit Cost	Subcontractor cost must be supported by quotations and/or				Extension	
	Jack Harper		Loop Detector	Install Loop Detector	113	LF	\$ 37.20					\$ 4,203.60	
	SUBCONTRACT COST = \$4,203.60												
	Plus (Mark Up): 10% = \$420.36												
	SUBTOTAL = \$4,623.96												
TOTAL	Subtotal = \$4,623.96												
	Bond Cost (\$7.20 / \$1000.00 + 15% Markup) = \$49.94												
	TOTAL COST = \$4,673.90												
	Qty = 113.00 LF Unit Price = \$41.36												

P230804 - Willowdale Turn Lane

Proposed Change Order - COST SUMMARY

PROJECT: P230804 - Willowdale Turn Lane

DATE OF WORK: TBD

Description of the work performed: 736-01-00100 Trenching and Backfilling



LABOR	Description	Craft/Salary	Ob./EA	S.T.	O.T.	Total Hours	S.T. Rate	O.T. Rate	S.T. Total	O.T. Total	Total Wage	Extension
		Salary Hours					-	\$ 48.50	\$ 72.75	\$ -	\$ -	\$ -
	Craft Hours					-	\$ 26.75	\$ 40.13	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ 28.90	\$ 43.35	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ 20.00	\$ 30.00	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ 24.00	\$ 36.00	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ 28.78	\$ 43.17	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ 30.25	\$ 45.38	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ 29.89	\$ 44.84	\$ -	\$ -	\$ -	
	Total Hours					0.00						
	Craft Hours					0.00						
	Salary Hours					0.00						
	Subtotals - Labor										\$ -	\$ -
	Payroll Taxes					10.00%	of	Total Wages			\$ -	\$ -
	Insurance (General Liability 8.5%, Workers Comp 8.75%)					17.25%	of	Total Wages			\$ -	\$ -
Insurance, Benefits, & Taxes (Labor Burden)	Staff Personnel Benefits					\$ 13.50	Per	Total Hours (Salary only)			\$ -	\$ -
	Hourly Personnel Benefits					\$ 10.75	Per	Total Hours (Craft only)			\$ -	\$ -
	Subtotals - Labor Insurance & Taxes, Benefits										\$ -	\$ -
	Labor Subtotal: \$ -											
	Labor Total: \$ -											
Labor, Materials & Equipment	Description	Quantity	UNIT	Price	Material cost must be supported by quotations and/or Invoices from				Extension			
									\$ -			
									\$ -			
									\$ -			
		Materials Subtotal: \$ -										
EQUIPMENT- Blue Book	Description	Equip. #/Make/Model	Quantity	Hours	Rate	Standby Hours	Standby Rate	Equipment cost supported by quotations / Invoices or Blue Book Rental Rate		Extension		
										\$ -		
										\$ -		
										\$ -		
										\$ -		
										\$ -		
										\$ -		
										\$ -		
										\$ -		
		Blue Book Equipment Subtotal: \$ -										
DIRECT COST (Labor & Materials) = \$0.00 Plus (Mark Up On Labor & Materials): 15% = \$0.00 DIRECT COST (Equipment) = \$0.00 SUBTOTAL = \$0.00												
SUBCONTRACTOR COST	Company	Description	Description of Work	Quantity	UNIT	Unit Cost	Subcontractor cost must be supported by quotations and/or			Extension		
	Jack Harper	Trenching and Backfilling	Trench & Backfill to Install Conduit for Loop Detectors	50	LF	\$ 15.92				\$ 796.00		
	SUBCONTRACT COST = \$796.00											
	Plus (Mark Up): 10% = \$79.60											
SUBTOTAL = \$875.60												
TOTAL	Subtotal = \$875.60											
	Bond Cost (\$7.20 / \$1000.00 + 15% Markup) = \$9.46											
	TOTAL COST = \$885.06											
	Qty = 50.00 LF Unit Price \$17.70											







# JACK B. HARPER ELECTRICAL, LLC

P.O. Box 789 ♦ Walker, LA 70785 ♦ Phone: (225) 665-1414 ♦ Fax: (225) 664-9696

Date 6/17/2024  
Project No.  
Federal Proj  
Project Willowdale Turn Lane  
Parish St. Charles

Item No.	Description	Quantity	Unit	Unit Price	Total Price
727-01-00100	Mobilization	1	LUMP	\$ 2,702.72	\$ 2,702.72
736-01-00100	Trenching and Backfilling	50	LF	\$ 15.92	\$ 796.00
736-09-00100	Loop Detector	113	LF	\$ 37.20	\$ 4,203.60
736-11-00050	Conduit (1/2" HDPE, Schedule 80)	50	LF	\$ 5.18	\$ 259.00
736-11-00100	Conduit (1" HDPE, Schedule 80)	50	LF	\$ 6.35	\$ 317.50
				<b>TOTAL BID</b>	<b>\$ 8,278.82</b>

Quote Valid for 60 days

This quote excludes traffic control and permits (Please allow for approx. 2-3 working days for loop installation in road)

Jack B. Harper requires a minimum of two weeks notice before loop work is needed.

Considering the current economic and health conditions facing many businesses in our industry, any delay caused beyond Jack Harper's control, including but not limited to; maintaining a qualified labor force due to any government mandate or quarantine and/or delays in materials by suppliers, distributors, manufacturers, etc. may extend the duration of an executed subcontract, without causing any penalties or liquidated damages against Jack B. Harper Electrical

P230804 - Willowdale Turn Lane  
 Parish Project Number: P230804  
 Barriere Job No. - 240031.000  
 Change Order 2 Part 2 - Median Modifications  
 Change Order Breakdown  
 25-Jul-24



Items to be added to Contract

Item #	Description	UM	Qty.	Cost	Total Cost	Notes
160	Removal of Asphalt Pavement	SY	15.20	\$ 153.44	\$ 2,332.29	
161	Removal of Curbs (Asphalt)	LF	73.00	\$ 38.92	\$ 2,841.16	
110	Excavation for Modified Median	LS	1.00	\$ 4,047.24	\$ 4,047.24	
162	Combination Concrete Curb & Gutter	LF	64.00	\$ 86.73	\$ 5,550.72	
163	Incidental Concrete Paving (6" Thick)	SY	10.20	\$ 361.36	\$ 3,685.87	
164	Incidental Concrete Paving (10" Thick)	SY	19.80	\$ 356.91	\$ 7,066.82	
106	Painted Curbs and Islands	SY	30.00	\$ 49.82	\$ 1,494.60	
010	Temporary Construction Signs & Barricades for Median Work	LS	1.00	\$ 9,395.39	\$ 9,395.39	
120	Mobilization/Demobilization for Median Work	LS	1.00	\$ 4,447.52	\$ 4,447.52	
	<b>Items to be added to Contract Total</b>				<b>\$ 40,861.61</b>	
	<b>Change Order Total</b>				<b>\$ 40,861.61</b>	

P230804 - Willowdale Turn Lane

Proposed Change Order - COST SUMMARY

PROJECT: P230804 - Willowdale Turn Lane

DATE OF WORK: 7/17 - 7/22

Description of the work performed:  
Removal of Asphalt Pavement



LABOR	Description	Craft / Salary	Ov. (EA)	S.T.	O.T.	Total Hours	S.T. Rate	O.T. Rate	S.T. Total	O.T. Total	Total Wage	Extension
	Salary Hours					-		\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -	
Total Hours					0.00							
Craft Hours					0.00							
Salary Hours					0.00							
Subtotals - Labor											\$ -	
Payroll Taxes					10.00%	of	Total Wages				\$ -	
Insurance (General Liability 8.5%, Workers Comp 8.75%)					17.25%	of	Total Wages				\$ -	
Staff Personnel Benefits					\$ 13.50	Per	Total Hours (Salary only)				\$ -	
Hourly Personnel Benefits					\$ 10.75	Per	Total Hours (Craft only)				\$ -	
Subtotals - Labor Insurance & Taxes, Benefits											\$ -	
											Labor Subtotal:	\$ -
											Labor Total:	\$ -

Description	Quantity	UNIT	Price	Material cost must be supported by quotations and/or invoices from	Extension	
					\$ -	
					\$ -	
					\$ -	
					Materials Subtotal:	\$ -

EQUIPMENT- Blue Book										
Description	Equip. #/Make/Model	Quantity	Hours	Rate	Standby Hours	Standby Rate	Equipment cost supported by quotations (invoices or Blue Book Rental Rate)		Extension	
									\$ -	
									\$ -	
									\$ -	
									\$ -	
									\$ -	
									\$ -	
									\$ -	
									Blue Book Equipment Subtotal:	\$ -

DIRECT COST (Labor & Materials) = \$0.00  
 Plus (Mark Up On Labor & Materials): 15% = \$0.00  
 DIRECT COST (Equipment) = \$0.00  
 SUBTOTAL = \$0.00

SUBCONTRACTOR COST	SUBCONTRACTORS							
	Company	Description	Description of Work	Quantity	UNIT	Unit Cost	Subcontractor cost must be supported by quotations and/or	Extension
	Kelly Industries	Removal of Asphalt Pavement	Remove Asphalt Pavement for Median Work	15.2	SY	\$ 138.00		\$ 2,097.60
							Subcontracts Subtotal:	\$ 2,097.60
								SUBCONTRACT COST = \$2,097.60
								Plus (Mark Up): 10% = \$209.76
								SUBTOTAL = \$2,307.36

TOTAL									
									Subtotal = \$2,307.36
									Bond Cost (\$7.20 / \$1000.00 + 15% Markup) = \$24.92
									TOTAL COST = \$2,332.28
									Qty = 15.20 SY
								Unit Price = \$153.44	











PROJECT: P230804 - Willowdale Turn Lane  
 DATE OF WORK: 7/17 - 7/22

Description of the work performed:  
 Incidental Concrete Paving (6" Thick)

LABOR	Description	Craft / Salary	Qty. (EA)	S.T.	O.T.	Total Hours	S.T. Rate	O.T. Rate	S.T. Total	O.T. Total	Total Wage	Extension	
	Salary Hours					-		\$ -	\$ -	\$ -	\$ -		
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
	Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
Total Hours						0.00							
Craft Hours						0.00							
Salary Hours						0.00							
Subtotals - Labor											\$ -	\$ -	
Payroll Taxes						10.00%	of	Total Wages			\$ -		
Insurance (General Liability 8.5%, Workers Comp 8.75%)						17.25%	of	Total Wages			\$ -		
Staff Personnel Benefits						\$ 13.50	Per	Total Hours (Salary only)			\$ -		
Hourly Personnel Benefits						\$ 10.75	Per	Total Hours (Craft only)			\$ -		
Subtotals - Labor Insurance & Taxes, Benefits											\$ -	\$ -	
Labor Subtotal: \$ -													
Labor Total: \$ -													
Labor, Materials & Equipment													
Description	Quantity	UNIT	Price	Material cost must be supported by quotations and/or Invoices from Supplier					Extension				
												\$ -	
												\$ -	
												\$ -	
Materials Subtotal: \$ -													
EQUIPMENT- Blue Book													
Description	Equip. #/Make/Model	Quantity	Hours	Rate	Standby Hours	Standby Rate	Equipment cost supported by quotations, invoices or Blue Book Rental Rates			Extension			
												\$ -	
												\$ -	
												\$ -	
												\$ -	
												\$ -	
												\$ -	
Blue Book Equipment Subtotal: \$ -													
DIRECT COST (Labor & Materials) = \$0.00 Plus (Mark Up On Labor & Materials): 15% = \$0.00 DIRECT COST (Equipment) = \$0.00 SUBTOTAL = \$0.00													
SUBCONTRACTOR COST	SUBCONTRACTORS												
	Company	Description	Description of Work	Quantity	UNIT	Unit Cost	Subcontractor cost must be supported by quotations and/or			Extension			
	Kelly Industries	Incidental Concrete Paving (6" Thick)	Pour 6" Thick Incidental Concrete	10.2	SY	\$ 325.00							\$ 3,315.00
	Subcontracts Subtotal: \$ 3,315.00												
	SUBCONTRACT COST = \$3,315.00 Plus (Mark Up): 10% = \$331.50 SUBTOTAL = \$3,646.50												
TOTAL	Subtotal = \$3,646.50 Bond Cost (\$7.20 / \$1000.00 + 15% Markup) = \$39.38 <b>TOTAL COST = \$3,685.88</b> Qty = 10.20 SY Unit Price = \$361.36												



PROJECT: P230804 - Willowdale Turn Lane

DATE OF WORK: 7/17 - 7/22

Description of the work performed:  
Incidental Concrete Paving (10" Thick)

LABOR	Description	Craft / Salary	Qty. (EA)	S.T.	O.T.	Total Hours	S.T. Rate	O.T. Rate	S.T. Total	O.T. Total	Total Wage	Extension
		Salary Hours					-	\$ -	\$ -	\$ -	\$ -	\$ -
	Craft Hours					-	\$ -	\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ -	\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ -	\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ -	\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ -	\$ -	\$ -	\$ -	\$ -	
	Craft Hours					-	\$ -	\$ -	\$ -	\$ -	\$ -	
	Total Hours					0.00						
	Craft Hours					0.00						
	Salary Hours					0.00						
	<b>Subtotals - Labor</b>										\$ -	
	Payroll Taxes					10.00%	of	Total Wages			\$ -	
	Insurance (General Liability 8.5%, Workers Comp 8.75%)					17.25%	of	Total Wages			\$ -	
Insurance, Benefits, & Taxes (Labor Burden)	Staff Personnel Benefits					\$ 13.50	Per	Total Hours (Salary only)			\$ -	
	Hourly Personnel Benefits					\$ 10.75	Per	Total Hours (Craft only)			\$ -	
	<b>Subtotals - Labor Insurance &amp; Taxes, Benefits</b>										\$ -	
<b>Labor Subtotal:</b>											\$ -	
<b>Labor Total:</b>											\$ -	

Description	Quantity	UNIT	Price	Material cost must be supported by quotations and/or invoices from	Extension
					\$ -
					\$ -
					\$ -
<b>Materials Subtotal:</b>					\$ -

EQUIPMENT- Blue Book									
Description	Equip. #/Make/Model	Quantity	Hours	Rate	Standby Hours	Standby Rate	Equipment cost supported by quotations, invoices, blue book rental rate	Extension	
								\$ -	
								\$ -	
								\$ -	
								\$ -	
								\$ -	
								\$ -	
<b>Blue Book Equipment Subtotal:</b>									\$ -

DIRECT COST (Labor & Materials) = \$0.00  
 Plus (Mark Up On Labor & Materials): 15% = \$0.00  
 DIRECT COST (Equipment) = \$0.00  
**SUBTOTAL = \$0.00**

SUBCONTRACTOR COST	Company	Description	Description of Work	Quantity	UNIT	Unit Cost	Subcontractor cost must be supported by quotations and/or	Extension
		Kelly Industries	Incidental Concrete Paving (10" Thick)	Pour 10" Thick Incidental Concrete	19.8	SY	\$ 321.00	
<b>SUBCONTRACT COST = \$6,355.80</b>								
<b>Plus (Mark Up): 10% = \$635.58</b>								
<b>SUBTOTAL = \$6,991.38</b>								
<b>Subcontracts Subtotal:</b>								\$ 6,355.80

TOTAL	Subtotal =	Bond Cost (\$7.20 / \$1000.00 + 15% Markup) =	TOTAL COST =	Qty =	Unit Price =
	\$6,991.38	\$75.51	\$7,066.89	19.80	\$356.91

P230804 - Willowdale Turn Lane

Proposed Change Order - COST SUMMARY

PROJECT: P230804 - Willowdale Turn Lane

DATE OF WORK: 7/17 - 7/22

Description of the work performed:  
Painted Curbs & Islands



LABOR												
Description	Craft/ Salary	OT (EA)	S.T.	O.T.	Total Hours	S.T. Rate	O.T. Rate	ST Total	OT Total	Total Wage	Extension	
Salary Hours					-		\$ -	\$ -	\$ -	\$ -		
Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
Craft Hours					-		\$ -	\$ -	\$ -	\$ -		
Total Hours					0.00							
Craft Hours					0.00							
Salary Hours					0.00							
Subtotals - Labor										\$ -	\$ -	
Payroll Taxes					10.00%	of	Total Wages			\$ -	\$ -	
Insurance (General Liability 8.5%, Workers Comp 8.75%)					17.25%	of	Total Wages			\$ -	\$ -	
Staff Personnel Benefits					\$ 13.50	Per	Total Hours (Salary only)			\$ -	\$ -	
Hourly Personnel Benefits					\$ 10.75	Per	Total Hours (Craft only)			\$ -	\$ -	
Subtotals - Labor Insurance & Taxes, Benefits										\$ -	\$ -	
										Labor Subtotal:	\$ -	
										Labor Total:	\$ -	

Description	Quantity	UNIT	Price	Material cost must be supported by quotations and/or invoices from	Extension	
					\$ -	
					\$ -	
					\$ -	
					\$ -	
					Materials Subtotal:	\$ -

EQUIPMENT- Blue Book									
Description	Equip. #/Make/Model	Quantity	Hours	Rate	Standby Hours	Standby Rate	Equipment cost supported by quotations, invoices or Blue Book Rental Rate	Extension	
								\$ -	
								\$ -	
								\$ -	
								\$ -	
								\$ -	
								\$ -	
								\$ -	
								Blue Book Equipment Subtotal:	\$ -

DIRECT COST (Labor & Materials) = \$0.00  
 Plus (Mark Up On Labor & Materials): 15% = \$0.00  
 DIRECT COST (Equipment) = \$0.00  
 SUBTOTAL = \$0.00

SUBCONTRACTORS									
Company	Description	Description of Work	Quantity	UNIT	Unit Cost	Subcontractor cost must be supported by quotations and/or	Extension		
Kelly Industries	Painted Curbs & Islands	Paint Median Yellow	30	SY	\$ 44.81		\$ 1,344.30		
							Subcontracts Subtotal:	\$ 1,344.30	
							SUBCONTRACT COST = \$1,344.30		
							Plus (Mark Up): 10% = \$134.43		
							SUBTOTAL = \$1,478.73		

TOTAL	
Subtotal =	\$1,478.73
Bond Cost (\$7.20 / \$1000.00 + 15% Markup) =	\$15.97
<b>TOTAL COST =</b>	<b>\$1,494.70</b>
Qty =	30.00 SY
Unit Price	\$49.82



P230804 - Willowdale Turn Lane  
Proposed Change Order - COST SUMMARY

PROJECT: P230804 - Willowdale Turn Lane  
DATE OF WORK: 7/17 - 7/22  
Description of the work performed:  
Mobilization/Demobilization for Median Work



LABOR	Description	Craft / Salary	Qty. (RA)	S.T.	O.T.	Total Hours	S.T. Rate	O.T. Rate	S.T. Total	O.T. Total	Total Wage	Extension	
		Salary Hours				-		\$ -	\$ -	\$ -	\$ -		
		Craft Hours				-		\$ -	\$ -	\$ -	\$ -		
		Craft Hours				-		\$ -	\$ -	\$ -	\$ -		
		Craft Hours				-		\$ -	\$ -	\$ -	\$ -		
		Craft Hours				-		\$ -	\$ -	\$ -	\$ -		
		Craft Hours				-		\$ -	\$ -	\$ -	\$ -		
		Craft Hours				-		\$ -	\$ -	\$ -	\$ -		
		Craft Hours				-		\$ -	\$ -	\$ -	\$ -		
		Craft Hours				-		\$ -	\$ -	\$ -	\$ -		
	Total Hours					0.00							
	Craft Hours					0.00							
	Salary Hours					0.00							
	Subtotals - Labor										\$ -	\$ -	
Insurance, Benefits, & Taxes (Labor Burden)	Payroll Taxes					10.00%	of	Total Wages			\$ -	\$ -	
	Insurance (General Liability 8.5%, Workers Comp 8.75%)					17.25%	of	Total Wages			\$ -	\$ -	
	Staff Personnel Benefits					\$ 13.50	Per	Total Hours (Salary only)			\$ -	\$ -	
	Hourly Personnel Benefits					\$ 10.75	Per	Total Hours (Craft only)			\$ -	\$ -	
	Subtotals - Labor Insurance & Taxes, Benefits										\$ -	\$ -	
											Labor Subtotal: \$	\$ -	
											Labor Total: \$	\$ -	
Material cost must be supported by quotations and/or invoices from													
Description	Quantity	UNIT	Price	Material cost must be supported by quotations and/or invoices from								Extension	
												\$ -	
												\$ -	
											Materials Subtotal: \$	\$ -	
EQUIPMENT- Blue Book													
Description	Equip. #/Make/Model	Quantity	Hours	Rate	Standby Hours	Standby Rate	Equipment cost supported by quotations, invoices or Blue Book Rental Rate				Extension		
											\$ -		
											\$ -		
											\$ -		
											\$ -		
											\$ -		
											\$ -		
											\$ -		
											Blue Book Equipment Subtotal: \$	\$ -	
DIRECT COST (Labor & Materials) = \$0.00 Plus (Mark Up On Labor & Materials): 15% = \$0.00 DIRECT COST (Equipment) = \$0.00 SUBTOTAL = \$0.00													
SUBCONTRACTOR COST	Company	Description	Description of Work	Quantity	UNIT	Unit Cost	Subcontractor cost must be supported by quotations and/or				Extension		
	Kelly Industries	Mobilization/Demobilization for Median Work	Mobilize & Demobilize Equipment for Median Work	1	LS	\$ 4,000.00					\$ 4,000.00		
												Subcontracts Subtotal: \$	4,000.00
	SUBCONTRACT COST = \$4,000.00 Plus (Mark Up): 10% = \$400.00 SUBTOTAL = \$4,400.00												
TOTAL												Subtotal =	\$4,400.00
												Bond Cost (\$7.20 / \$1000.00 + 15% Markup) =	\$47.52
												TOTAL COST=	\$4,447.52
											Qty =	1.00 LS	
											Unit Price	\$4,447.52	

KELLY INDUSTRIES LLC  
215 HICKORY AVE.  
HARAHAN, LA 70123 US  
504-360-2152  
ki\_info@kellyindustriesllc.com



# Estimate

**ADDRESS**

Barriere Construction  
308 Woodland Dr.  
LaPlace, LA 70068

**ESTIMATE # 1948**

**DATE 07/16/2024**

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DESCRIPTION	QTY	U/M	RATE	AMOUNT
Removal of Asphalt Pavement	15.2	SY	138.00	2,097.60
Removal of Curbs (Asphalt)	73	LNFT	35.00	2,555.00
Excavation for Modified Median	1	LS	3,640.00	3,640.00
Combination Concrete Curb & Gutter	64	LNFT	78.00	4,992.00
Incidental Concrete Paving (6" Thick)	10.2	SY	325.00	3,315.00
Incidental Concrete Paving (10" Thick)	19.8	SY	321.00	6,355.80
Painted Curb and Median	30	SY	44.81	1,344.30
Traffic Control	2	EA	1,850.00	3,700.00
Mobilization	1	LS	4,000.00	4,000.00
			<b>TOTAL</b>	<b>\$31,999.70</b>

Accepted By

Accepted Date

Received By:

Date:





# TRAFFIC COMMANDER

3200 N. Turnbull Drive  
Metairie, LA 70002  
504-635-2400

Willowdale Turn Lane  
Luling, LA  
P230804  
St. Charles Parish

Bid Date: 7/16/2024

We are pleased to quote you on the following:

Double single lane closure (if needed):	
2- Single Lane Closure (Per Day):	\$ 4,750.00

**Note:**

1. GC to provide police if needed.
- 2.(2) TMA's and (2) Arrowboards included in quote

Sincerely,

Travis Hudpeth  
[travis@trafficcommander.com](mailto:travis@trafficcommander.com)  
Cell 985-707-6801