



ST. TAMMANY PARISH

MICHAEL B. COOPER
PARISH PRESIDENT

December 13, 2024

Please find the following addendum to the below mentioned BID.

Addendum No.: 1

Bid#: 24-67-2

Project Name: Mandeville Bypass LA 1088 to US 190

Bid Due Date: Wednesday, December 18, 2024 at 2:00 PM

GENERAL INFORMATION:

Clarifications and Changes to Drawings and Specifications:

1. A Mandatory Pre-Bid meeting was held on December 5, 2024, at 2:00 pm at St. Tammany Parish Koop Drive Facility, Building A – Koop Council Chambers. Ms. Laura Gatlin, St. Tammany Parish Project Manager, introduced the project and led the meeting. Burk-Kleinpeter, Inc., the project engineer, gave a project overview. Enclosed with this addendum are changes to the plans/specifications, Pre-Bid meeting agenda & questions, responses to questions received, and sign-in sheet. (Attached)
2. The original Engineer's Estimate of \$35,613,724.22 is revised to \$29,818,764.55 based on the quantity changes in the addendum.
3. Delete sheets 3 and 3a and replace them with revised sheets 3 and 3a attached to this addendum.
4. Delete sheets 117, 126, 127, and 129 and replace them with revised sheets 117, 126, 127, and 129 attached to this addendum.
5. Plan Sheets 2, 2a, 2b, 2c, 2d, 2e, 2f, & 2g:
 - All references to Blended Calcium Sulfate shall be deleted.



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6. Additional specification sections have been added for the following items and attached to this addendum:
- NS-500-00240 SAWING AND SEALING TRANSVERSE JOINTS IN ASPHALT CONCRETE OVERLAY
 - NS-500-00260 SAWCUTS IN ASPHALT CONCRETE LIFTS
 - NS-500-00340 SAWCUTTING ASPHALT CONCRETE PAVEMENT
 - NS-500-00360 SAWCUTTING ASPHALT CONCRETE PAVEMENT OVER PORTLAND CEMENT CONCRETE COMPOSITE PAVEMENT
 - NS-702-00101 PAVED GUTTER DRAIN (SINGLE)
 - NS-702-00102 PAVED GUTTER DRAIN (DOUBLE)
 - NS-719-00002 TREE TRIMMING
 - NS-729-00029 BREAKAWAY SQUARE TUBING SIGN SUPPORT W/ MOWING PAD
 - NS-729-00031 BREAKAWAY SQUARE TUBING SIGN SUPPORT (SURFACE MOUNT)
7. Delete Section 04 - Unit Price Form and replace it with the Unit Price Form Revised, attached to this addendum.

QUESTIONS & ANSWERS:

Q1: Is there an asphalt table for this project, and if so can you please provide it?

A1: There is no asphalt table for this project.

Q2: Is the stationing of this project correct? There are two different roads that have the overlapping station numbers (LA 1088 Sta 133+49.58 - 158+72.7 and Mandeville Bypass Sta. 100+00.73 – 266+02.24).

A2: The stationing of the Mandeville Bypass and LA 1088 both start at Station 100+00 but each is further identified in the plans as Projected and Adopted CL Mandeville Bypass and Projected and Adopted CL HWY 1088 respectively.

Q3: Plan sheet 345 has a pipe connector detail for connecting new pipes to the new precast inlets. The detail calls for the use of resilient connectors or concrete collars



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for each pipe entering the precast structure. In the general notes on this plan sheet note #6 states that the resilient connectors or concrete collars are to be used on ALL pipe sizes and the cost is to be included in the cost of the precast inlet. Please confirm that the resilient connectors or concrete collars will be required and that they will not be paid under the concrete collar bid item.

A3: Yes. The resilient connectors or concrete collars will be required and will not be paid under the concrete collar bid item. The bid item will be used when concrete collars are needed in other situations, such as pipe extensions.

Q4: Section 06 – Insurance Requirements 8. Builder’s Risk Insurance – marked as required Since this is a road construction project and there are no vertical structures, is a Builder’s Risk “all risk” policy required?

A4: St. Tammany Parish will require a Builder’s Risk policy due to the bridges in the project.

Q5: Pay item 302-01-00700 – Class II Base Course (Crushed Stone or Recycled Portland Cement Concrete) specifies either crushed stone or crushed concrete to be used in this item, however Legend note #4 on plan sheet 2b (and multiple other sheets) describes the item as Class II Base Course (8” Thick)(Crushed Stone, Recycled PCCP, or Blended Calcium Sulfate). Will blended calcium sulfate be an acceptable material to use for the 302 base course item?

A5: Blended Calcium Sulfate will not be allowed for use as Class II Base Course. Only Crushed Stone and Recycled Portland Cement Concrete Pavement will be acceptable materials for Item 302-01-00700.

Q6: For the clearing operation, will burning trees on site be allowed?

A6: Open burning of trees on the site will not be allowed. All cleared material must be hauled off site for disposal or burned using an air curtain incinerator system approved by the engineer and St. Tammany Parish that meets all Federal emissions regulations. No smoke will be permitted to be released by burning activities.



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Q7: Will a Material Transfer Vehicle (MTV) be required for asphalt installation?

A7: A Material Transfer Vehicle (MTV) will be required for asphalt installation. See Louisiana Standard Specifications for Roads and Bridges section 503.14 for details.

Q8: Is there an Engineer's Estimate available?

A8: The Engineer's project estimate is \$29,818,764.55

Q9: For item #NS-719-00002 – Tree Trimming, where is this work to be performed? How much trimming will be required? What is the intent of this item?

A9: The tree trimming item is intended for major trees that fall just outside of the right-of-way or clearing limits. These trees may have a large canopy that encroaches into the limits of construction and needs to be trimmed to facilitate construction activities. Tree trimming will be as directed by the project engineer. The purpose is to preserve trees outside of the project limits.

Q10: For item #725-01-00100 – Temporary Detour Roads, I have been unable to locate a specific detail for this work. Can you please provide a detail for the temporary detour road?

A10: See revised sheets 117, 126, 127, and 129 for temporary detour road details. Temporary detour roads will have 4" of asphalt pavement and 8.5" of Class II Base Course.

Q:11 Will night work be allowed?

A11: St. Tammany Parish will only allow night work on the roundabouts. Before any night work can begin, a schedule must be provided to the Project Manager and approved.



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Q12: Please clarify what equipment is to be purchased under 804-15-00100 – Dynamic Monitoring Instrumentation. Specifically, is the contractor to purchase the complete system (Gauges, Cables, Computer System), or just the strain gauges?

A12: It is the complete responsibility of the contractor to perform dynamic testing of the piles with all required equipment. It should be performed as per the latest ASTM D4945.

Q13: For bid item 302-01-00700 class II base 38,570.8 CUYD, is it acceptable to provide pricing per LADOTD spec section 302 for materials (Crushed Stone, Blended Calcium Sulfate, or Recycled Portland Cement Concrete) for the full plan quantity.

A13: Blended calcium sulfate will not be allowed for use as Class II Base Course. Only Crushed Stone and Recycled Portland Cement Concrete Pavement will be acceptable materials for Item 302-01-00700.

Q14: Will a Builder's Risk Policy be required for this job? It is marked in the specifications as a requirement but there are no above-ground structures to insure. The cost for 100% value of the project is quite significant so we wanted to make sure we have to include this in our price.

A14: A4: St. Tammany Parish will require a Builder's Risk policy due to the bridges in the project.

ATTACHMENTS:

1. Sign-in Sheet
2. Pre-Bid Meeting Agenda
3. Sheet 3 - Revised
4. Sheet 3a- Revised
5. Sheet 117- Revised
6. Sheet 126- Revised
7. Sheet 127- Revised
8. Sheet 129- Revised
9. NS Sawing and Sealing Longitudinal and Transverse Joints in Asphalt Concrete Overlay, and Sawcuts in Asphalt Concrete Lifts (11/16):
 - NS-500-00240
 - NS-500-00260



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10. NS Saw Cutting Asphalt Concrete Pavement (11/16):
 - NS-500-00340
11. NS Saw Cutting Asphaltic Concrete Pavement Over Portland Cement Concrete Composite Pavement (10/14):
 - NS-500-00360
12. NS Paved Gutter Drain (9/18):
 - NS-702-00101
 - NS-702-00102
13. NS Non-Significant Tree Arborist Work and Protection (02/18):
 - NS-719-00002
14. N.S. Square Steel Tubular Sign Posts and Hardware (05-23):
 - NS-729-00029
 - NS-729-00031
15. Unit Price Form- Revised

<< End of Addendum 1 >>

St. Tammany Parish Government 21490 Koop Dr., Building A - Council Chambers		MANDATORY Pre-Bid Sign-In Sheet		Thursday, December 5, 2024 2:00 PM		
Mandeville Bypass LA 1088 to US 190 - Bid No. 24-67-2						
	Name	Company	Email	Phone	Time In	Time Out
1	LANNY CAZAK	Beverly	LANNY@Beverlyinc.com	985 264-8725	1:30	2:19
2	Tim Asuaia	Byron & Falber	bsanchez2@byronfalber.com	985 419-9825	1:58	2:15
3	Alex Miranda	Gascot Construction	alex@gascotconstruction.com	504-296-2904	1:55	2:10
4	Phil Crain	Denley Brown	gerald@denleybrown.com	985-705-2613	1:50	2:16
5	Mason LeMieux	Brown Ind Const	Mason.Lemieux@Brown-Industrial.com	225 571 5333	1:55	2:19
6	Mark Gardner	Merrick LLC	mark@merrickllc.com	318-359-7466	1:57	
7	Andrew Gilly	ADS	andrew.gilly@adsppe.com	985-773-4914	1:57	2:18
8	Chris Rowan	RNGD Infrastructure LLC	crowan@rngd.com	504-296-7309	2:00	2:15
9	Trae Eschette	Onshore Materials	trae@onshoreco.com	985-449-0391	2:00	2:18
10	Sean Weick	Cycle Construction	estimating@cycleconstruction.com	504-467-1444	1:40	2:15
11	MAXWELL MEEKER	HARD ROCK CONSTRUCTION	MMEEKER@HARDROCKCONSTRUCTION.COM	985-445-5519	1:45	2:18
12	Barry Boyd	LA Wood Products	BARRY@LAWOODPRODUCTS.COM	225 806 8350	1:45	2:20
13	Lee Boyd	LA Wood Products	Lee@lawoodproducts.com	225 505 6097	1:45	2:20
14						
15						

	Name	Company	Email	Phone	Time In	Time Out
16	Janet Duggan	Gulf States Services	janet@gulfssllc.com	(985) 320-0061	1:56 PM	2:16 PM
17	Scott Curgley	Maddox Gulf Coast	Scurgley@maddoxgulfcoast.com	985-251-8060	1:57	2:16 PM
18	Stephen Price	Richard Price Const	Stephen@richardpriceconst.com	225-268-9855	1:57	2:16 PM
19	Hunter Monte	RJ. Daigle + Sons	hmonte@rjdaigle.com	(985) 974-9880	2:00	2:16
20	Robert BAKER	Baker Pile Driving	robert@bakerpiledriving.com	504 915 1812	2:00	2:15
21	Brian Hill	Baker Pile Driving	brian@bakerpiledriving.com	985 466-8917	1:55	2:15
22	Clint Kelly	Baker Pile Driving	clint@bakerpiledriving.com	662-706-3974	2:00	2:15
23	Lucas Hill	Baker Pile Driving	luke@bakerpiledriving.com	985-481-3473	2:00	2:15
24	Brian Brylster	Boh Bros	bbrylster@bohbro.com	985-237-0057	2:00	2:17
25	NINA THOMPSON	BARRIERE CONSTRUCTION	NINA.THOMPSON@BARRIERE.COM	423-948-5340	2:00	2:17
26	MICHAEL RYAN	BARRIERE CONST	MICHAELR@BARRIERE.COM	985-788-1409	2:00	2:17
27						
28						

985-268-9855

St. Tammany Parish Government 21490 Koop Dr., Building A - Council Chambers		MANDATORY Pre-Bid Sign-In Sheet		Thursday, December 5, 2024		2:00 PM	
Mandeville Bypass LA 1088 to US 190 - Bid No. 24-67-2							
	Name	Company	Email	Phone	Time In	Time Out	
1	Laura Gatlin	STPG	lcbearh@stpgov.org	985 8982552	2pm	2:25	
2	Barry Brypbauer	NSI	barry.brypbauer@nsi.com	985-778-3105	2pm	2:25	
3	TIM KOENIG	BKI	tKoenig@bkiusa.com	504-486-5901	2pm	2:25	
4	Andrew Jensen	BKI	ajensen@bkiusa.com	504-486-5901	2pm	2:25	
5	Trevor Warner	The Lemoine Company	trevor.warner@lemoine.com	985-264-9796	2pm	2:15	
6	Taylor Trayer	Shavers Whittle construction	Trayer@swelle.net	985-626-7673	1:59	2:15	
7	Alana Johnson	STPG	Procurement@stpgov.org	985-898-2520	2:00	2:25	
8							
9							
10							
11							
12							
13							
14							
15							

	Name	Company	Email	Phone	Time In	Time Out
16	TODD GLASS	Barriere	toddglass@barriere.com	905 974 6175	1:45	2:16
17	WAYNE PONTIFF	Kort's Construction	WPONTIFF@Kortsconstructionservices.com	985-590-1482	1:57	2:18
18	Brandon Scully	Kort's Construction	bscully@ " "	504-908-3001	1:58	2:18
19	Lorenzo Ellis	JB JAMES CONSTRUCTION	lorenzoe@jbjamesllc.com	954-728-0620	1:58	2:15
20	Mike Easley	Madden Gulf Coast	measley@maddengulfcoast.com	785-222-4430	1:58	2:15
21	John Salomon	Atwell Services LLC	john@atwellservices.com	504-491-9618	1:58	2:28
22	Kevin Bourgeois	Boh Bros. Const. LLC	kbourgeois@bohbro.com	601-441-3210	1:30	2:16
23	Keith Kliebert	21 const LLC	Lori@21const.com	985 335 8683	2:00	2:16
24	Dishili Young	Neel-Schaffer, Inc	dishili.young@neel-schaffer.com		2:00	2:25
25	Chance Shuckrow	Neel-Schaffer, Inc	chance.shuckrow@neel-schaffer.com		2:00	2:25
26						
27						
28						

PRE-BID MEETING AGENDA

Mandeville Bypass

Parish Project No. 2014EN0001

Pre-Bid Conference – MANDATORY

Thursday, December 5, 2024, 2:00 p.m., Building A Council Chambers

I. PROJECT OVERVIEW AND GENERAL INFORMATION

The Mandeville Bypass project includes construction of a new 2 lane asphalt roadway with an adjacent concrete multi use path, new roundabout intersections at US 190 and LA 1088, 2 new connections to Pelican Park, new vehicular and pedestrian bridges over Bayou Castine, along with all associated drainage improvements, pavement markings and signage.

The construction time is 720 calendar days. Liquidated Damages for the project are listed in table 3.1 of the specifications.

Project classification is Highway, Street and Bridge Construction and or Heavy Construction.

All questions must be submitted in writing to the procurement department no later than 2:00 pm on Monday, December 9th.

The final addendum will be issued by 2:00 pm Friday, December 13, 2024.

II. SIGN-IN SHEET

This pre-bid conference is MANDATORY. You MUST sign the official sign-in sheet at the beginning of the meeting and again when you leave at the conclusion of the meeting or you will not be recognized and will be ineligible to bid the project.

III. BIDDING PROCEDURES AND INFORMATION

Sealed Bids will be received at 21454 Koop Dr. Suite 2F, Mandeville, LA 70471, until **2:00 p.m. local time on December 18, 2024**. Bids will then be opened and read publicly by Procurement department staff.

This bid package is available online at www.bidexpress.com or LaPAC <https://wwwcfprd.doa.louisiana.gov/osp/lapac/pubmain.cfm>. It is the Vendor's responsibility to check Bid Express, or LaPAC frequently for any possible addenda that may be issued. The Parish is not responsible for a Vendor's failure to download any addenda documents required to complete a submission.

IV. PROJECT WORK HIGHLIGHTS & INFORMATION

a. Access Roads

Access Roads for the project will be US 190 and LA 1088. Any alternate routes must be approved by St. Tammany Parish. All vehicle speeds will be limited to posted speed limits or 15 MPH in unposted areas. No access will be allowed from within Pelican Park.

The Contractor shall take measures to prevent unnecessary dust (No Direct Pay) by keeping surfaces subject to dusting moist with water or daily application of chemical dust suppressants. Dusty materials in piles or in transit are to be covered. The Contractor shall keep the existing access roads free from accumulation of mud/dust, waste material, rubbish and windblown debris, resulting from construction operations. Street sweeping (No Direct Pay) shall be performed during the haul operations and/or as directed by the Engineer/St. Tammany Parish to keep the existing roads clean.

The Contractor may not block access roads at any time. Temporary closure of access roads will be allowed for deliveries of equipment and materials. Any closure lasting more than 15 minutes must be cleared with the Engineer, St. Tammany Parish and LADOTD in advance and may require advance signage notifying residents.

b. Project Baseline

Benchmarks have been established at the site by the surveyor. These are described on plan sheets 52-55. It is the Contractor's responsibility to provide his own benchmark and maintain the baseline throughout the length of the project (No Direct Pay).

If a benchmark cannot be located, it will be the responsibility of the Contractor to establish a new benchmark in coordination with the Engineer. Establishment of new benchmarks and delays related to missing benchmarks will be borne by the Contractor at no cost to St. Tammany Parish.

c. Site Conditions

The Contractor, prior to mobilizing onto the jobsite, shall conduct a detailed survey of the jobsite, surrounding area and access roads. This survey is intended to document existing conditions with respect to any conditions which may be noticed after construction begins. Post construction conditions shall also be compared to this data. This documentation shall be provided by the Contractor and submitted to the Engineer as preparation to resolve any damage claims which may arise due to the construction of this project.

d. Sequence of Construction/Construction Phasing

1. Sequence of Construction/Construction Phasing for this project is a critical item of work. See Sheets 107-131 for recommended Sequence of Construction/Construction Phasing.
2. Contractor may propose his own Sequence of Construction/Construction Phasing Plan but must meet the intent of the Sequence of Construction/Construction Phasing Plan in the contract drawings, and be reviewed, and approved by the Engineer and St. Tammany Parish prior to commencement of any construction activities.
3. A requirement of sequencing is that the 3+ miles of roadway be completed first. The roundabout intersections are to be completed last due to DOTD permitting requirements. There will be separate notice to proceeds for the two roundabout intersections.

e. Clearing and Grubbing

1. No open burning of cleared vegetation/trees/debris/waste will be permitted. All cleared material must be hauled off-site for disposal or by use of an air curtain incinerator system approved by the Engineer and St. Tammany Parish and meeting all Federal emissions regulations. No smoke will be permitted to be released by burning activities. This is to prevent impacts to Pelican Park and the adjoining subdivisions.

f. Coordination With Pelican Park

1. The existing entrance to Pelican Park is located adjacent to the limits of construction at the south end of the bypass road. Contractor activities shall be coordinated with Pelican Park to ensure that access is maintained at all times for those entering the Park. This will be critical if the Contractor has work activities scheduled on weekends when the Park sees the largest number of visitors.

g. Miscellaneous

A location for the field trailer will be coordinated with the Engineer/St Tammany Parish. Separate water line connections, water meters and electric lines are required for the office trailer. Contractor is responsible for obtaining the necessary permits from St. Tammany Parish Department of Public Works, electric company, and fire marshal (No Direct Payment).

V. PERMITS

Permits from the Louisiana Department of Natural Resources and the US Army Corps of Engineers have been acquired and should be kept on site at all times during construction.

VI. BIDDER QUESTIONS

All questions are to be addressed in writing directly to the St. Tammany Parish Procurement Department. Questions received after December 9th at 2:00 pm may not be answered prior to bidding.

VII. QUESTIONS

All responses to questions at the Pre-Bid are informal. Official answers will be provided in the addendum.

- Q: Is the cost estimate updated with the latest pricing, or is it an old estimate from the early stages of the project planning?
 - A: The estimate is updated.
- Q: Will the DOTD Catch Basin detail regarding the pipe connections be followed?

- A: The DOTD standard details included in the plans will be followed.
- Q: What is the engineer's estimate?
 - A: \$29,818,764.55
- Q: Is the contractor responsible for any permits?
 - A: The contractor is not responsible for acquiring project permits. However, the contractor will need to coordinate with the DOTD district office for traffic control.
- Q: When do you expect to issue the NTP for the US 190 and LA 1088 work?
 - A: We expect to issue the NTP before work is complete on the bypass road.
- Q: Will you share the sign-in sheet?
 - A: Yes, it will be shared.
- Q: Are there restrictions for weekend work?
 - A: There are possible restrictions for any work affecting access to the Pelican Park on US 190. Coordination and approval from the Parish and the Park are required when planning weekend work.
- Q: Will you consider changing the contract to working days to account for weather delays?
 - A: The contract will remain calendar days. If coordination with Pelican Park becomes an issue St Tammany Parish will work with the Contractor on days.
- Q: Will this be a Critical Path Method (CPM) job?
 - A: No but the St. Tammany Parish requires the contractor to maintain an accurate and updated schedule throughout the project.

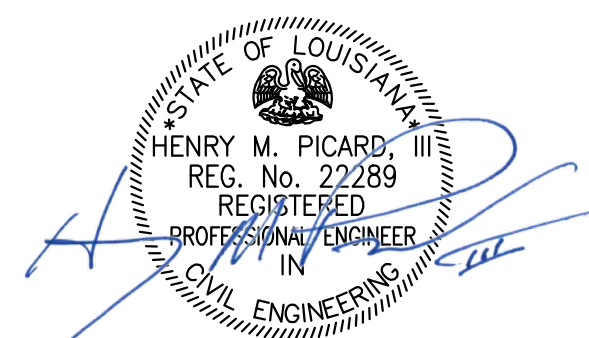
VIII. CONCLUDING REMARKS

A reminder, please sign the attendees list.

IX. ADJOURN

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY			TOTAL
			US 190	MBP	LA 1088	
201-01-00100	CLEARING AND GRUBBING	LUMP	0.33	0.33	0.33	1
202-01-00100	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP	0.33	0.33	0.33	1
202-02-02000	REMOVAL OF ASPHALT DRIVES	SQYD	--	--	66	66
202-02-03030	REMOVAL OF PAVEMENT STRUCTURE	SQYD	953.3	--	4508.0	5461.3
202-02-06040	REMOVAL OF CONCRETE BOX HEADWALL (48" x 24" x 8")	EACH	2	--	--	2
202-02-32100	REMOVAL OF PIPE (CROSS DRAIN) (18" CPVC)	LNFT	86	--	--	86
202-02-32100	REMOVAL OF PIPE (CROSS DRAIN) (24" RCP)	LNFT	67	--	--	67
202-02-32120	REMOVAL OF PIPE (SIDE DRAIN) (18" RCP)	LNFT	--	--	20	20
202-02-32120	REMOVAL OF PIPE (SIDE DRAIN) (24" RCP)	LNFT	--	--	110	110
202-02-32120	REMOVAL OF PIPE (SIDE DRAIN) (24" CMP)	LNFT	20	--	--	20
202-02-32180	REMOVAL OF PIPE HEADWALLS	EACH	4	--	--	4
202-02-38240	REMOVAL OF SIGNS AND SUPPORTS	EACH	10	--	8	18
203-01-00100	GENERAL EXCAVATION	CUYD	7473	106186	4564	118223
203-02-00100	DRAINAGE EXCAVATION	CUYD	--	3000	--	3000
203-03-00100	EMBANKMENT	CUYD	2567	37180	15543	55290
203-04-00200	NONPLASTIC EMBANKMENT (SAND)	CUYD	--	25370	--	25370
203-08-00100	GEOTEXTILE FABRIC	SQYD	--	91332	--	91332
204-02-00100	TEMPORARY HAY BALES	EACH	35	70	28	133
204-05-00100	TEMPORARY SEDIMENT CHECK DAMS (HAY)	EACH	12	164	10	186
204-05-00200	TEMPORARY SEDIMENT CHECK DAMS (STONE)	EACH	--	41	--	41
204-06-00100	TEMPORARY SILT FENCING	LNFT	5082	32841	4795	42718
204-07-00100	TEMPORARY STONE CONSTRUCTION ENTRANCE	EACH	1	--	1	2
302-01-00700	CLASS II BASE COURSE (CRUSHED STONE OR RECYCLED PORTLAND CEMENT CONCRETE)	CUYD	1377.3	25836.6	2980.5	30194.4
302-03-00100	BASE DRAIN OUTLET	EACH	14	101	16	131
304-01-00100	LIME	TON	21.96	6.07	47.54	75.57
304-05-00100	LIME TREATMENT (TYPE E)	SQYD	1549	428	3354	5331
401-02-00100	AGGREGATE SURFACE COURSE (ADJUSTED VEHICULAR MEASUREMENT)	CUYD	--	20	--	20
502-01-00100	ASPHALT CONCRETE	TON	3083.7	34480.2	3670.8	41234.7
502-01-00200	ASPHALT CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS	TON	--	158.0	55.1	213.1
509-01-00100	MILLING ASPHALT PAVEMENT	SQYD	1493	--	759	2252
509-02-00100	CONTRACTOR RETAINED RECLAIMED ASPHALT PAVEMENT	CUYD	124	--	63	187
510-01-00001	PAVEMENT PATCHING (12.5 MINIMUM THICKNESS)	SQYD	--	124	--	124
601-01-10000	PORTLAND CEMENT CONCRETE PAVEMENT (COLORED) (9" THICK) (BRICK RED COLOR - BROOM FINISH)	SQYD	673.6	120.3	522.1	1316.0
601-04-00100	PORTLAND CEMENT CONCRETE PAVEMENT CORING	EACH	--	--	5	5
701-01-01004	GROSS DRAIN PIPE (24" RCP/RPVC)	LNFT	--	537	--	537
701-01-01043	GROSS DRAIN PIPE (36" RCP/RPVC)	LNFT	--	77	454	531
701-01-01063	GROSS DRAIN PIPE (42" RCP/RPVC)	LNFT	--	792	--	792
701-02-01040	GROSS DRAIN PIPE ARCH (36" EQUIV. RCPA)	LNFT	--	103	--	103
701-02-01060	GROSS DRAIN PIPE ARCH (42" EQUIV. RCPA)	LNFT	--	--	368	368
701-02-01080	GROSS DRAIN PIPE ARCH (48" EQUIV. RCPA)	LNFT	--	459	--	459
701-02-01120	GROSS DRAIN PIPE ARCH (60" EQUIV. RCPA)	LNFT	--	531	--	531
701-03-01002	STORM DRAIN PIPE (15" RCP/RPVC)	LNFT	152	455	308	915
701-03-01082	STORM DRAIN PIPE (36" RCP/RPVC)	LNFT	177	--	--	177
701-04-01000	STORM DRAIN PIPE ARCH (15" EQUIV. RCPA)	LNFT	--	370	--	370
701-04-01080	STORM DRAIN PIPE ARCH (36" EQUIV. RCPA)	LNFT	132	--	--	132
701-05-01025	SIDE DRAIN PIPE (15" RCP/RPVC/PEPDW/CPPDW)	LNFT	--	82	--	82
701-05-01069	SIDE DRAIN PIPE (24" RCP/RPVC)	LNFT	--	249	--	249
701-05-01087	SIDE DRAIN PIPE (30" RCP/RPVC)	LNFT	146	--	--	146
701-05-01106	SIDE DRAIN PIPE (36" RCP/RPVC)	LNFT	--	35	22	57
701-05-01127	SIDE DRAIN PIPE (42" RCP/RPVC)	LNFT	--	270	--	270
701-05-02067	SIDE DRAIN PIPE (EROSION) (24" RPVC/PEPDW/CPPDW)	LNFT	--	598	--	598
701-05-02126	SIDE DRAIN PIPE (EROSION) (42" RPVC/PEPDW/CPPDW/CPPTW)	LNFT	--	182	--	182
701-06-00020	SIDE DRAIN PIPE ARCH (18" EQUIV. RCPA)	LNFT	--	127	--	127
701-06-00100	SIDE DRAIN PIPE ARCH (42" EQUIV. RCPA)	LNFT	--	30	--	30
701-06-00120	SIDE DRAIN PIPE ARCH (48" EQUIV. RCPA)	LNFT	--	117	--	117
701-06-00160	SIDE DRAIN PIPE ARCH (60" EQUIV. RCPA)	LNFT	--	255	--	255
701-15-00100	CONCRETE COLLAR	EACH	--	8	--	8
702-03-00600	CATCH BASINS (CB-07)	EACH	5	7	4	16
702-03-00700	CATCH BASINS (CB-08)	EACH	--	1	--	1
702-07-00100	GROSS DRAIN SAFETY END (TYPE 1)	EACH	--	12	--	12
702-07-00200	GROSS DRAIN SAFETY END (TYPE 2)	EACH	2	6	--	8
702-08-00100	SIDE DRAIN SAFETY END (TYPE 1)	EACH	--	5	--	5
702-08-00200	SIDE DRAIN SAFETY END (TYPE 2)	EACH	1	--	--	1
702-08-00300	SIDE DRAIN SAFETY END (TYPE 3)	EACH	--	1	--	1
704-03-00200	BLOCKED OUT GUARD RAIL - 31", (6'-3" POST SPACING)	LNFT	--	125.0	--	125.0
704-04-00200	BLOCKED OUT GUARD RAIL - 31", (DOUBLE FACED, 6'-3" POST SPACING)	LNFT	--	25.0	--	25.0
704-07-00200	GUARD RAIL TRANSITIONS (DOUBLE THRIE BEAM)	LNFT	--	150.0	--	150.0
704-10-00305	GUARD RAIL END TREATMENT, MASH, (TL-3 BI-DIRECTIONAL)	EACH	--	6	--	6
704-10-00310	GUARD RAIL END TREATMENT, NCHRP 350 - 31" (TL-3 FLARED)	EACH	--	2	--	2
706-01-00100	CONCRETE WALK (4" THICK)	SQYD	271.6	19089.0	2925.7	22286.3
706-03-10000	INCIDENTAL CONCRETE PAVING (COLORED) (6" THICK) (BRICK RED COLOR - BROOM FINISH)	SQYD	1883.2	784.4	440.4	3108
706-04-00110	CURB RAMPS (TYPE 3)	SQYD	53.4	185.6	245.9	484.9
707-01-00100	CONCRETE CURB	LNFT	2417.0	632.7	312.9	3362.6
707-03-00100	COMBINATION CONCRETE CURB AND GUTTER	LNFT	3415.6	31745.9	3995.2	39156.7
708-01-00100	RIGHT-OF-WAY MONUMENT	EACH	8	75	25	108
708-02-00100	RIGHT-OF-WAY MONUMENT WITNESS POST	EACH	8	75	25	108
711-03-00400	RIPRAP (55 LB)	TON	--	3000.0	--	3000.0
711-04-00100	GEOTEXTILE FABRIC	SQYD	--	3098	--	3098
712-01-00100	CONCRETE CAST-IN-PLACE REVETMENT (4" THICK)	SQYD	--	618	--	618
713-01-00100	TEMPORARY SIGNS AND BARRICADES	LUMP	0.33	0.33	0.33	1
713-02-00300	TEMPORARY PAVEMENT MARKINGS (8" WIDTH)	LNFT	1123	--	819	1942
713-02-00500	TEMPORARY PAVEMENT MARKINGS (24" WIDTH)	LNFT	148	--	855	1003
713-03-01000	TEMPORARY PAVEMENT MARKINGS (BROKEN LINE) (4" WIDTH) (4" LENGTH)	MILE	0.080	--	0.160	0.240
713-04-01000	TEMPORARY PAVEMENT MARKINGS (SOLID LINE) (4" WIDTH)	MILE	3.850	--	3.010	6.860
713-05-00190	TEMPORARY PAVEMENT LEGENDS & SYMBOLS (ARROW - STRAIGHT)	EACH	2	--	4	6

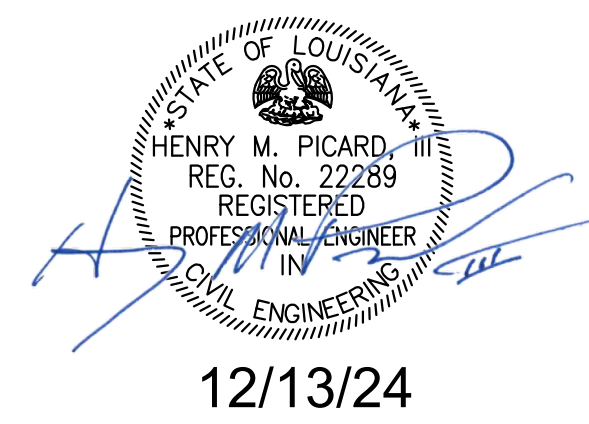


12/13/24

DESIGNED CHECKED T.J.K. D.E.B.	DATE Dec. 2024	H.M.P. BY	REVISION DESCRIPTION
DETAILED CHECKED T.J.K.	SHEET		
BK			
STATE OF LOUISIANA			
MANDEVILLE BYPASS LA 1088 TO US 190			
SUMMARY OF ESTIMATED QUANTITIES			
PARISH PROJECT	ST. TAMMANY 2014EN0001		
B.K.I. PROJECT	NO.15.012		
SHEET NUMBER	4		

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY			TOTAL
			US 190	MBP	LA 1088	
713-05-00220	TEMPORARY PAVEMENT LEGENDS & SYMBOLS (ARROW - LEFT TURN)	EACH	4	--	2	6
713-05-00230	TEMPORARY PAVEMENT LEGENDS & SYMBOLS (ARROW - RIGHT TURN)	EACH	2	--	--	2
713-05-00240	TEMPORARY PAVEMENT LEGENDS & SYMBOLS (ARROW - MERGE)	EACH	--	--	4	4
713-06-00100	TEMPORARY REFLECTORIZED RAISED PAVEMENT MARKERS	EACH	15	--	17	32
716-01-00100	MULCH (VEGETATIVE)	TON	10.7	183.2	10.7	204.6
717-01-00100	SEEDING	LB	160	2749	160	3069
718-01-00100	FERTILIZER	LB	5330	91620	5330	102280
720-01-01000	EROSION CONTROL SYSTEM (SLOPE PROTECTION) (TYPE A)	SQYD	576	1240	--	1816
722-02-00100	PROJECT SITE LABORATORY (EQUIPPED)	EACH	--	1	--	1
725-01-00100	TEMPORARY DETOUR ROADS	SQYD	3805.7	--	1078.2	4883.9
726-01-00100	BEDDING MATERIAL	CUYD	225.8	1635.1	492.8	2353.7
727-01-00100	MOBILIZATION	LUMP	0.33	0.33	0.33	1
729-01-00100	SIGN (TYPE A)	SQFT	226.9	293.3	323.9	844.1
729-02-00100	SIGN (TYPE B)	SQFT	34.8	35.8	34.8	105.4
729-04-00100	SIGN (TYPE D)	SQFT	--	45.7	6.7	52.4
729-08-00100	MOUNTING (2 1/2" SIZE POST)	EACH	--	1	12	13
729-08-00200	MOUNTING (3 1/2" SIZE POST)	EACH	2	2	10	14
729-08-00600	MOUNTING (W6 X 12 SIZE POST)	EACH	--	8	--	8
729-16-00200	OBJECT MARKER ASSEMBLY (TYPE 2)	EACH	4	48	4	56
729-16-00300	OBJECT MARKER ASSEMBLY (TYPE 3)	EACH	--	4	--	4
729-19-00100	DEAD END ROAD INSTALLATIONS (TYPE A)	EACH	--	1	--	1
729-22-00200	SQUARE TUBING POST WITH 2-1/4" OMNI-DIRECTIONAL ANCHOR	EACH	3	29	--	32
731-02-00100	REFLECTORIZED RAISED PAVEMENT MARKERS	EACH	61	31	211	303
732-01-05400	PLASTIC PAVEMENT STRIPING (DOTTED LINE)(24" W)(2" L)(THERMO 125 MIL)	LNFT	241	--	199	439
732-02-02000	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH) (THERMOPLASTIC 90 MIL)	MILE	1.330	13.135	1.207	15.672
732-02-02040	PLASTIC PAVEMENT STRIPING (SOLID LINE) (8" WIDTH) (THERMOPLASTIC 90 MIL)	MILE	0.283	0.075	0.183	0.511
732-01-02080	PLASTIC PAVEMENT STRIPING (24" WIDTH) (THERMOPLASTIC 125 MIL)	LNFT	282	362	1140	1783
732-03-02010	PLASTIC PAVEMENT STRIPING (DOTTED LINE)(4" W)(2" L)(THERMO 90 MIL)	MILE	0.012	--	0.008	0.020
732-03-02012	PLASTIC PAVEMENT STRIPING (DOTTED LINE)(4" W)(3" L)(THERMO 90 MIL)	MILE	--	--	0.300	0.300
732-03-02040	PLASTIC PAVEMENT STRIPING (DOTTED LINE)(8" W)(2" L)(THERMO 90 MIL)	MILE	--	0.012	--	0.012
732-03-02040	PLASTIC PAVEMENT STRIPING (DOTTED LINE)(8" W)(3" L)(THERMO 90 MIL)	MILE	0.150	0.116	--	0.266
732-03-02000	PLASTIC PAVEMENT STRIPING (BROKEN LINE) (4" WIDTH) (THERMOPLASTIC 90 MIL)	MILE	0.053	--	0.117	0.170
732-04-01020	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - STRAIGHT)	EACH	4	--	4	8
732-04-01080	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	EACH	4	4	2	10
732-04-01100	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - RIGHT TURN)	EACH	2	4	--	6
732-04-01120	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - MERGE)	EACH	--	--	4	4
732-04-01131	PLSTCPVMT LGNDS&SYMB(DIRARRRNDDBT-FSHK)(TYPE LTC)	EACH	2	--	2	4
732-04-01133	PLSTC PVMT LGNDS AND SYMB (DIR ARR RNDDBT - FSHK) (TYPE LC)	EACH	1	2	--	3
732-04-01134	PLSTC PVMT LGNDS AND SYMB (DIR ARR RNDDBT - FSHK) (TYPE T)	EACH	1	--	2	3
732-04-01136	PLSTC PVMT LGNDS AND SYMB (DIR ARR RNDDBT - FSHK) (TYPE TR)	EACH	--	--	2	2
732-04-01138	PLSTC PVMT LGNDS AND SYMB (DIR ARR RNDDBT - FSHK) (TYPE TUC)	EACH	--	--	2	2
732-05-00100	REMOVAL OF EXISTING MARKINGS	MILE	0.355	--	0.313	0.668
735-01-00100	MAILBOXES	EACH	--	--	3	3
735-02-00100	MAILBOX SUPPORTS (SINGLE)	EACH	--	--	3	3
740-01-00100	CONSTRUCTION LAYOUT	LUMP	0.33	0.33	0.33	1
804-01-00600	PRECAST CONCRETE PILES (24")	LNFT	--	4548	--	4548
804-05-00600	PRECAST CONCRETE TEST PILES (24")	EACH	--	2	--	2
804-09-00600	STATIC LOAD TEST (PRECAST CONCRETE PILES (24"))	EACH	--	2	--	2
805-01-00100	CLASS A1 CONCRETE (SLAB SPAN)	CUYD	--	339.78	--	339.78
805-01-00300	CLASS A1 CONCRETE (BENT CAP)	CUYD	--	145.34	--	145.34
804-14-00100	DYNAMIC MONITORING ASSISTANCE	EACH	--	6	--	6
804-15-00100	DYNAMIC MONITORING INSTRUMENTATION	LUMP	--	1	--	1
805-16-02700	REINFORCED CONCRETE BOX CULVERTS (EXTENSION)	LNFT	29	--	--	29
805-18-00100	CONCRETE FINISH (CLASS 2 RUBBED FINISH)	SQFT	--	3763	--	3763
805-18-00200	CONCRETE FINISH (CLASS 3 SPECIAL FINISH)	SQFT	--	8574	--	8574
806-01-00100	DEFORMED REINFORCING STEEL	LB	--	89194	--	89194
810-01-00120	CONCRETE BRIDGE RAILING (36 INCH HEIGHT)	LNFT	--	560	--	560
813-01-00100	CONCRETE APPROACH SLABS (CAST-IN-PLACE)	SQFT	--	4040	--	4040
814-01-00100	ELASTOMERIC BEARING PADS (NON-REINFORCED)	SFIN	--	252	--	252
815-03-00300	JOINT SEAL (POURED)	LF	--	384	--	384
TS-807-00001	PEDESTRIAN BRIDGE	EACH	--	1	--	1
NS-500-00240	SAWING AND SEALING TRANSVERSE JOINTS IN ASPHALT CONCRETE OVERLAY	LNFT	--	288	--	288
NS-500-00260	SAWCUTS IN ASPHALT CONCRETE LIFTS	LNFT	--	480	--	480
NS-500-00340	SAW CUTTING ASPHALT CONCRETE PAVEMENT	INLF	--	352	--	352
NS-500-00360	SAW CUTTING ASPHALT CONCRETE PAVEMENT OVER PORTLAND CEMENT CONCRETE COMPOSITE PAVEMENT	INLF	35184	--	--	35184
NS-702-00101	PAVED GUTTER DRAIN (SINGLE)	EACH	1	--	13	14
NS-702-00102	PAVED GUTTER DRAIN (DOUBLE)	EACH	18	--	9	27
NS-719-00002	TREE TRIMMING	LUMP	0.33	0.33	0.33	1
NS-729-00029	BREAKAWAY SQUARE TUBING SIGN SUPPORT W/ MOWING PAD	EACH	8	10	1	19
NS-729-00031	BREAKAWAY SQUARE TUBING SIGN SUPPORT (SURFACE MOUNT)	EACH	15	11	21	47
TS-300-00060	TRIAXIAL GEOGRID	SQYD	--	68434	--	68434
TS-736-00017	SOLAR POWERED FLASHING BEACON, PEDESTAL MOUNTED	EACH	3	1	--	4

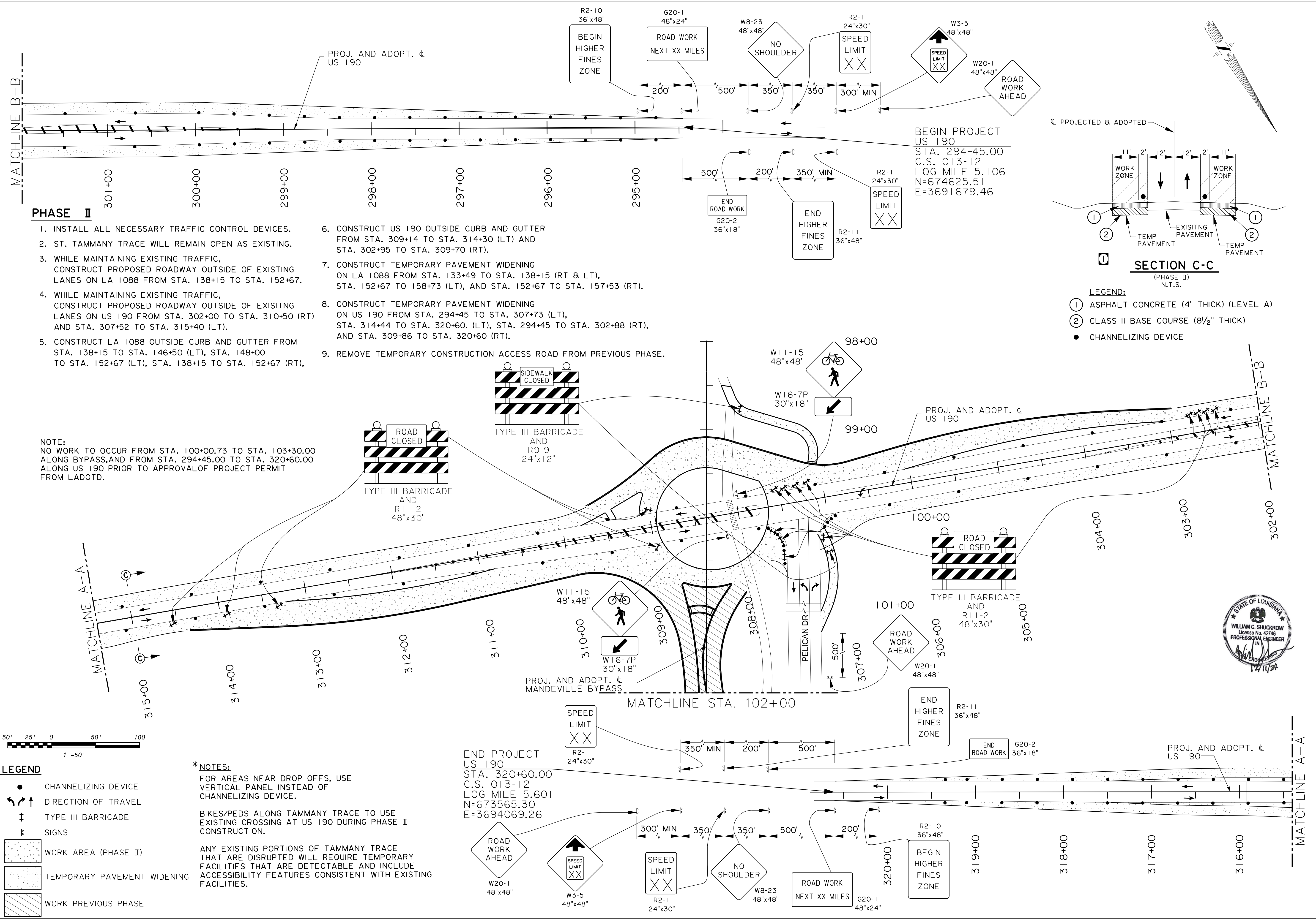


DESIGNED	T.J.K.	DATE	Dec. 2024
CHECKED	D.E.B.	SHEET	OF
DETAILED	G.A.D.	H.M.P.	BY
CHECKED	T.J.K.	REVISIONS	DESCRIPTION
<p>STATE OF LOUISIANA HENRY M. PICARD, III REG. No. 22289 REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING</p>			
<p>MANDEVILLE BYPASS LA 1088 TO US 190</p>		<p>ST. TAMMANY 2014EN0001 NO.15.012</p>	
<p>ROADWAY PLANS</p>		<p>SUMMARY OF ESTIMATED QUANTITIES</p>	
NO.	12/12/24	DATE	3a

XREF:

12/11/2024

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PHASE II

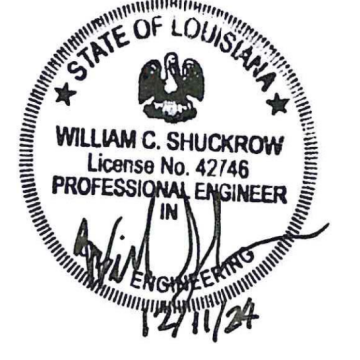
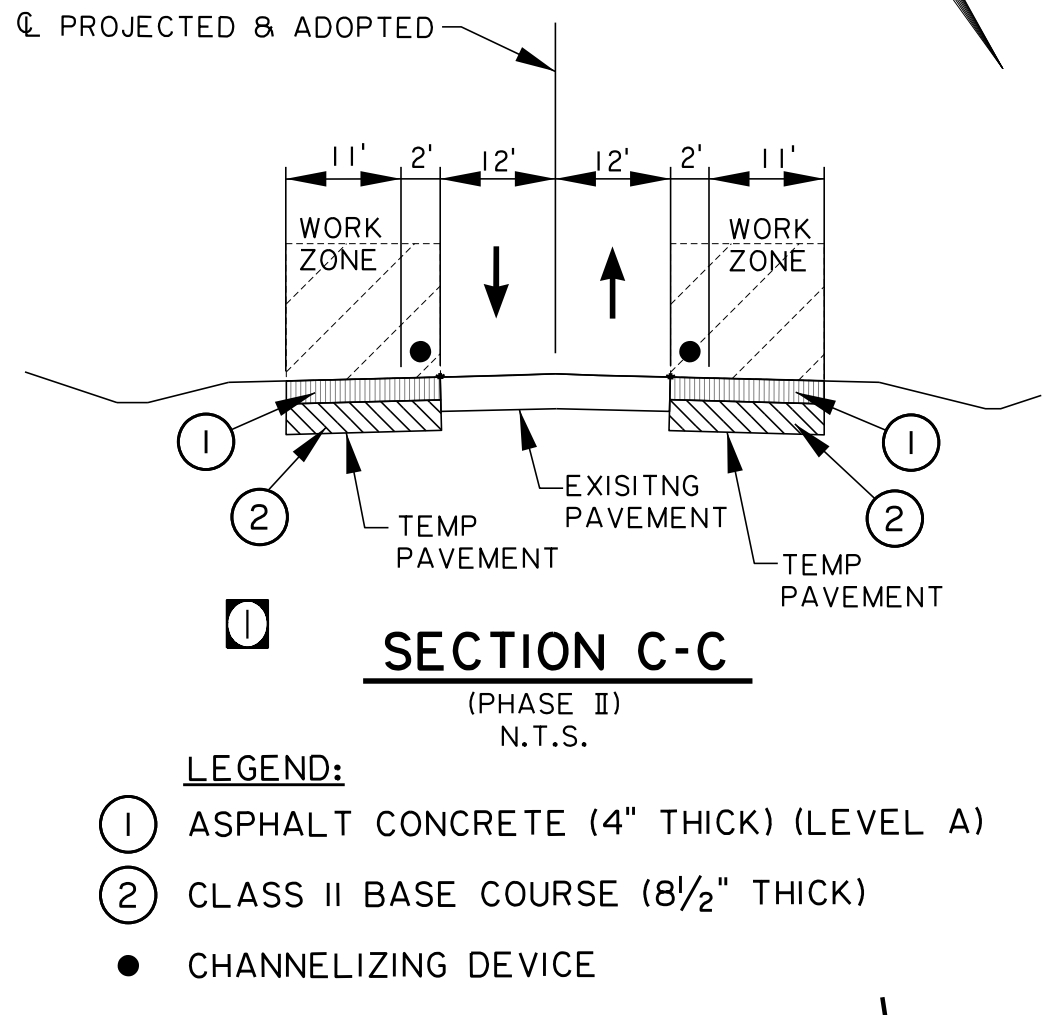
1. INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
2. ST. TAMMANY TRACE WILL REMAIN OPEN AS EXISTING.
3. WHILE MAINTAINING EXISTING TRAFFIC, CONSTRUCT PROPOSED ROADWAY OUTSIDE OF EXISTING LANES ON LA 1088 FROM STA. 138+15 TO STA. 152+67.
4. WHILE MAINTAINING EXISTING TRAFFIC, CONSTRUCT PROPOSED ROADWAY OUTSIDE OF EXISTING LANES ON US 190 FROM STA. 302+00 TO STA. 310+50 (RT) AND STA. 307+52 TO STA. 315+40 (LT).
5. CONSTRUCT LA 1088 OUTSIDE CURB AND GUTTER FROM STA. 138+15 TO STA. 146+50 (LT), STA. 148+00 TO STA. 152+67 (LT), STA. 138+15 TO STA. 152+67 (RT),
6. CONSTRUCT US 190 OUTSIDE CURB AND GUTTER FROM STA. 309+14 TO STA. 314+30 (LT) AND STA. 302+95 TO STA. 309+70 (RT).
7. CONSTRUCT TEMPORARY PAVEMENT WIDENING ON LA 1088 FROM STA. 133+49 TO STA. 138+15 (RT & LT), STA. 152+67 TO 158+73 (LT), AND STA. 152+67 TO STA. 157+53 (RT).
8. CONSTRUCT TEMPORARY PAVEMENT WIDENING ON US 190 FROM STA. 294+45 TO STA. 307+73 (LT), STA. 314+44 TO STA. 320+60. (LT), STA. 294+45 TO STA. 302+88 (RT), AND STA. 309+86 TO STA. 320+60 (RT).
9. REMOVE TEMPORARY CONSTRUCTION ACCESS ROAD FROM PREVIOUS PHASE.

NOTE:
NO WORK TO OCCUR FROM STA. 100+00.73 TO STA. 103+30.00 ALONG BYPASS, AND FROM STA. 294+45.00 TO STA. 320+60.00 ALONG US 190 PRIOR TO APPROVAL OF PROJECT PERMIT FROM LADOTD.

LEGEND

- CHANNELIZING DEVICE
- ↔ DIRECTION OF TRAVEL
- ‡ TYPE III BARRICADE SIGNS
- ▨ WORK AREA (PHASE II)
- ▨ TEMPORARY PAVEMENT WIDENING
- ▨ WORK PREVIOUS PHASE

***NOTES:**
FOR AREAS NEAR DROP OFFS, USE VERTICAL PANEL INSTEAD OF CHANNELIZING DEVICE.
BIKES/PEDS ALONG TAMMANY TRACE TO USE EXISTING CROSSING AT US 190 DURING PHASE II CONSTRUCTION.
ANY EXISTING PORTIONS OF TAMMANY TRACE THAT ARE DISRUPTED WILL REQUIRE TEMPORARY FACILITIES THAT ARE DETECTABLE AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING FACILITIES.

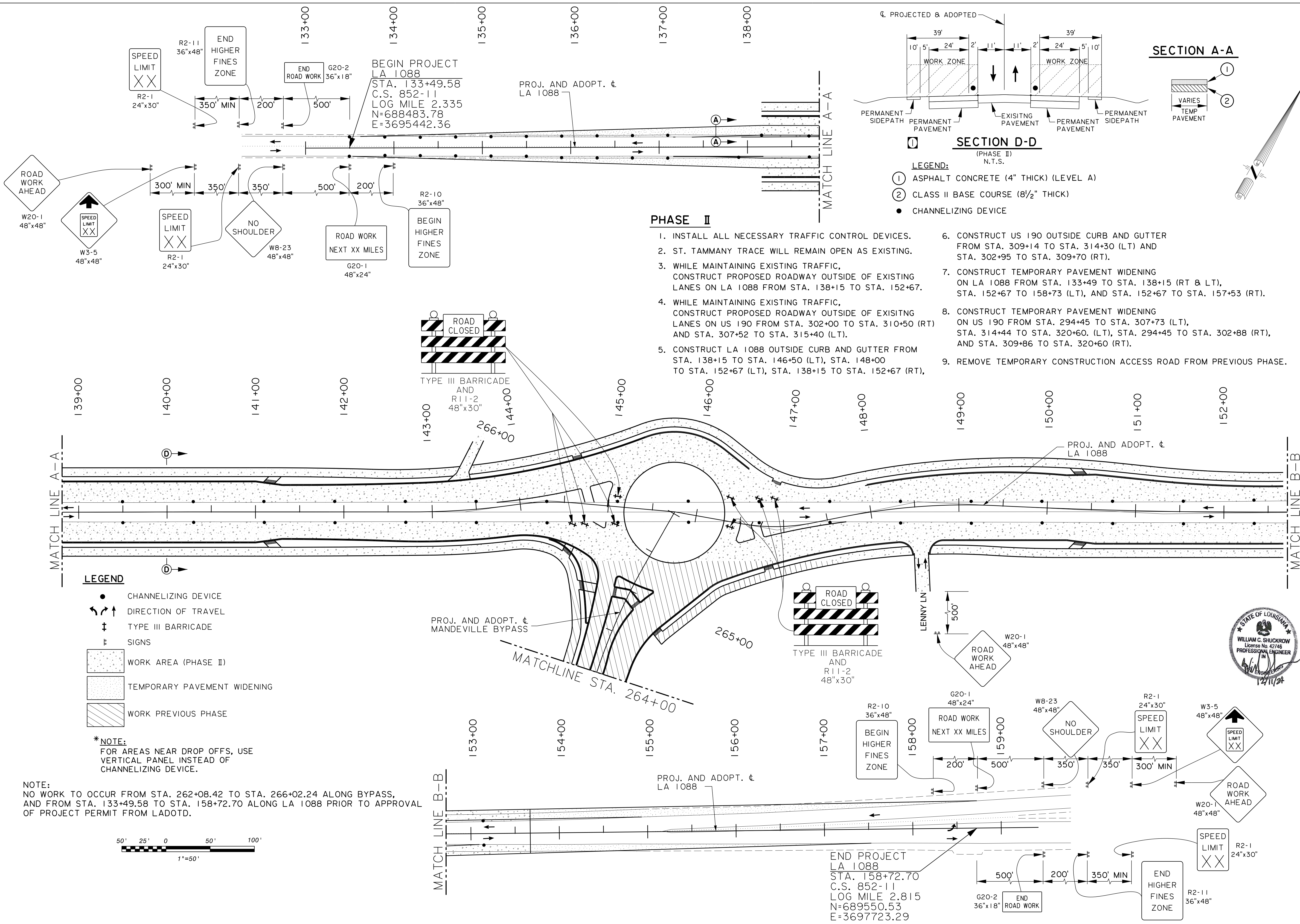


SHEET NUMBER	117
ST. TAMMANY	2014EN0001
PARISH PROJECT	NO.15.012
BLK PROJECT	
STATE OF LOUISIANA	
MANDEVILLE BY PASS	
LA 1088 TO US 190	
SEQUENCE OF CONSTRUCTION	
DESIGNED	WCS
CHECKED	DSY
DATE	12/11/2024
BY	11 OF 25
REVISION	
DATE	
DESCRIPTION	

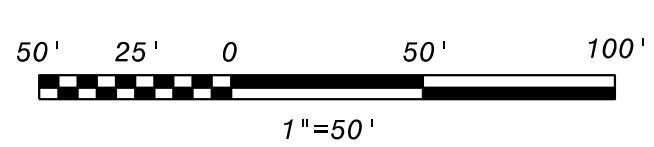
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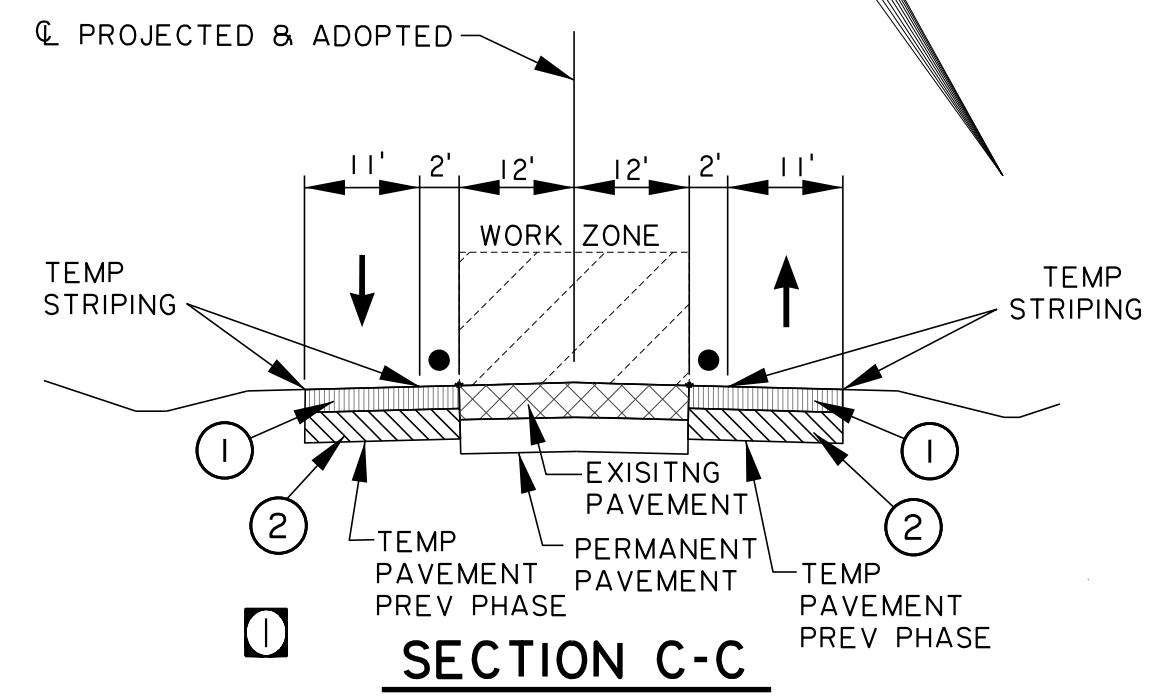
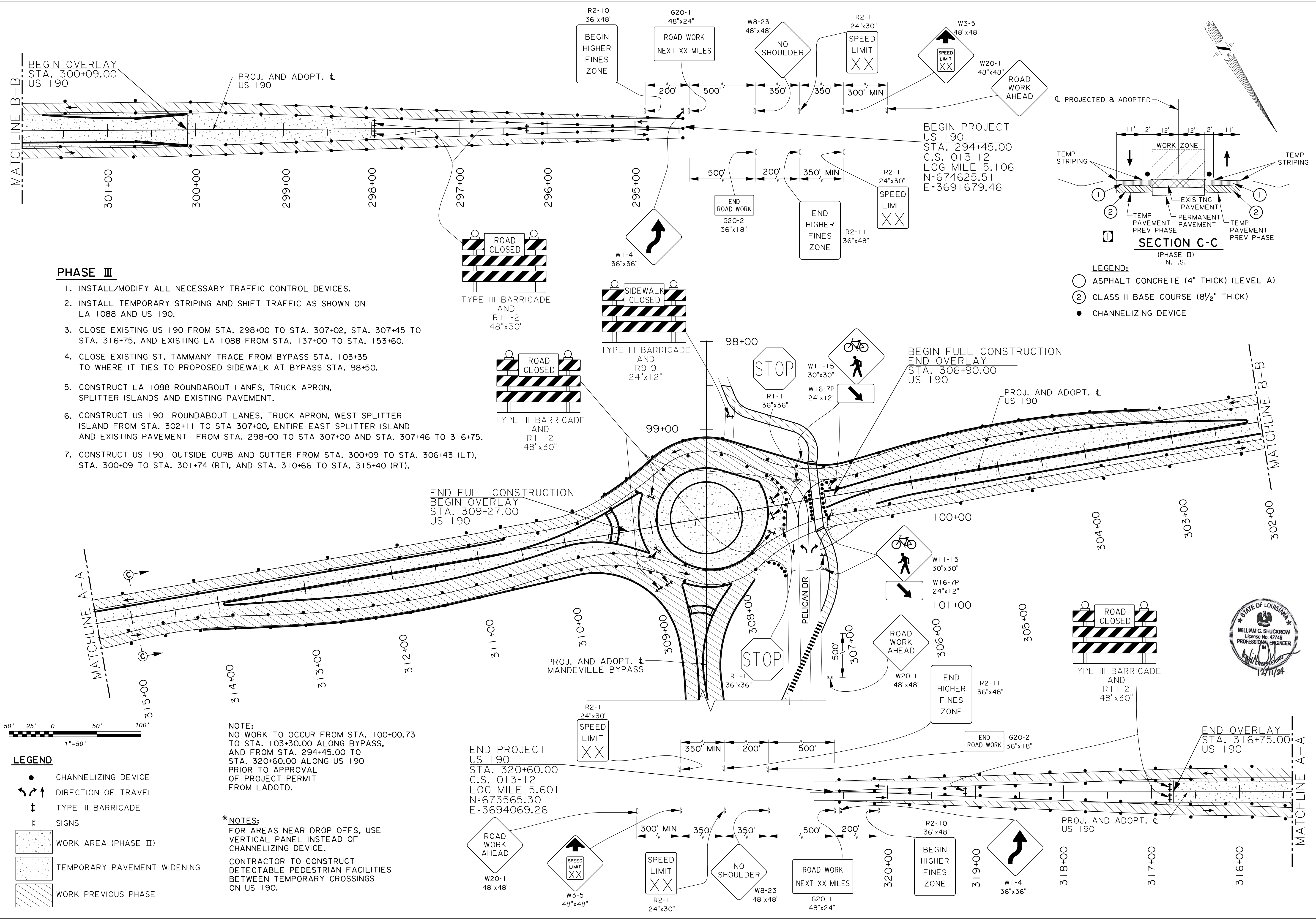
SHEET NUMBER	126
ST. TAMMANY	2014EN0001
PARISH PROJECT	NO. 15.012
STATE OF LOUISIANA	
MANDEVILLE BY PASS	SEQUENCE OF CONSTRUCTION
LA 1088 TO US 190	
ROADWAY PLANS	
DESIGNED	WCS
CHECKED	DSY
DATE	12/11/2024
REVISION	20 OF 25
TYPICAL SECTION	
NO.	0
DATE	12/11/24



XREF:

12/11/2024

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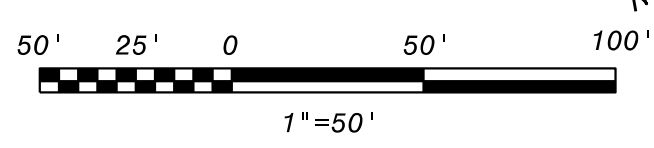
- LEGEND:**
- ① ASPHALT CONCRETE (4" THICK) (LEVEL A)
 - ② CLASS II BASE COURSE (8 1/2" THICK)
 - CHANNELIZING DEVICE

PHASE III

1. INSTALL/MODIFY ALL NECESSARY TRAFFIC CONTROL DEVICES.
2. INSTALL TEMPORARY STRIPING AND SHIFT TRAFFIC AS SHOWN ON LA 1088 AND US 190.
3. CLOSE EXISTING US 190 FROM STA. 298+00 TO STA. 307+02, STA. 307+45 TO STA. 316+75, AND EXISTING LA 1088 FROM STA. 137+00 TO STA. 153+60.
4. CLOSE EXISTING ST. TAMMANY TRACE FROM BYPASS STA. 103+35 TO WHERE IT TIES TO PROPOSED SIDEWALK AT BYPASS STA. 98+50.
5. CONSTRUCT LA 1088 ROUNDABOUT LANES, TRUCK APRON, SPLITTER ISLANDS AND EXISTING PAVEMENT.
6. CONSTRUCT US 190 ROUNDABOUT LANES, TRUCK APRON, WEST SPLITTER ISLAND FROM STA. 302+11 TO STA 307+00, ENTIRE EAST SPLITTER ISLAND AND EXISTING PAVEMENT FROM STA. 298+00 TO STA 307+00 AND STA. 307+46 TO 316+75.
7. CONSTRUCT US 190 OUTSIDE CURB AND GUTTER FROM STA. 300+09 TO STA. 306+43 (LT), STA. 300+09 TO STA. 301+74 (RT), AND STA. 310+66 TO STA. 315+40 (RT).

NOTE:
 NO WORK TO OCCUR FROM STA. 100+00.73 TO STA. 103+30.00 ALONG BYPASS, AND FROM STA. 294+45.00 TO STA. 320+60.00 ALONG US 190 PRIOR TO APPROVAL OF PROJECT PERMIT FROM LADOTD.

***NOTES:**
 FOR AREAS NEAR DROP OFFS, USE VERTICAL PANEL INSTEAD OF CHANNELIZING DEVICE.
 CONTRACTOR TO CONSTRUCT DETECTABLE PEDESTRIAN FACILITIES BETWEEN TEMPORARY CROSSINGS ON US 190.



- LEGEND**
- CHANNELIZING DEVICE
 - ↔ DIRECTION OF TRAVEL
 - ⚡ TYPE III BARRICADE
 - ⚡ SIGNS
 - ▨ WORK AREA (PHASE III)
 - ▨ TEMPORARY PAVEMENT WIDENING
 - ▨ WORK PREVIOUS PHASE

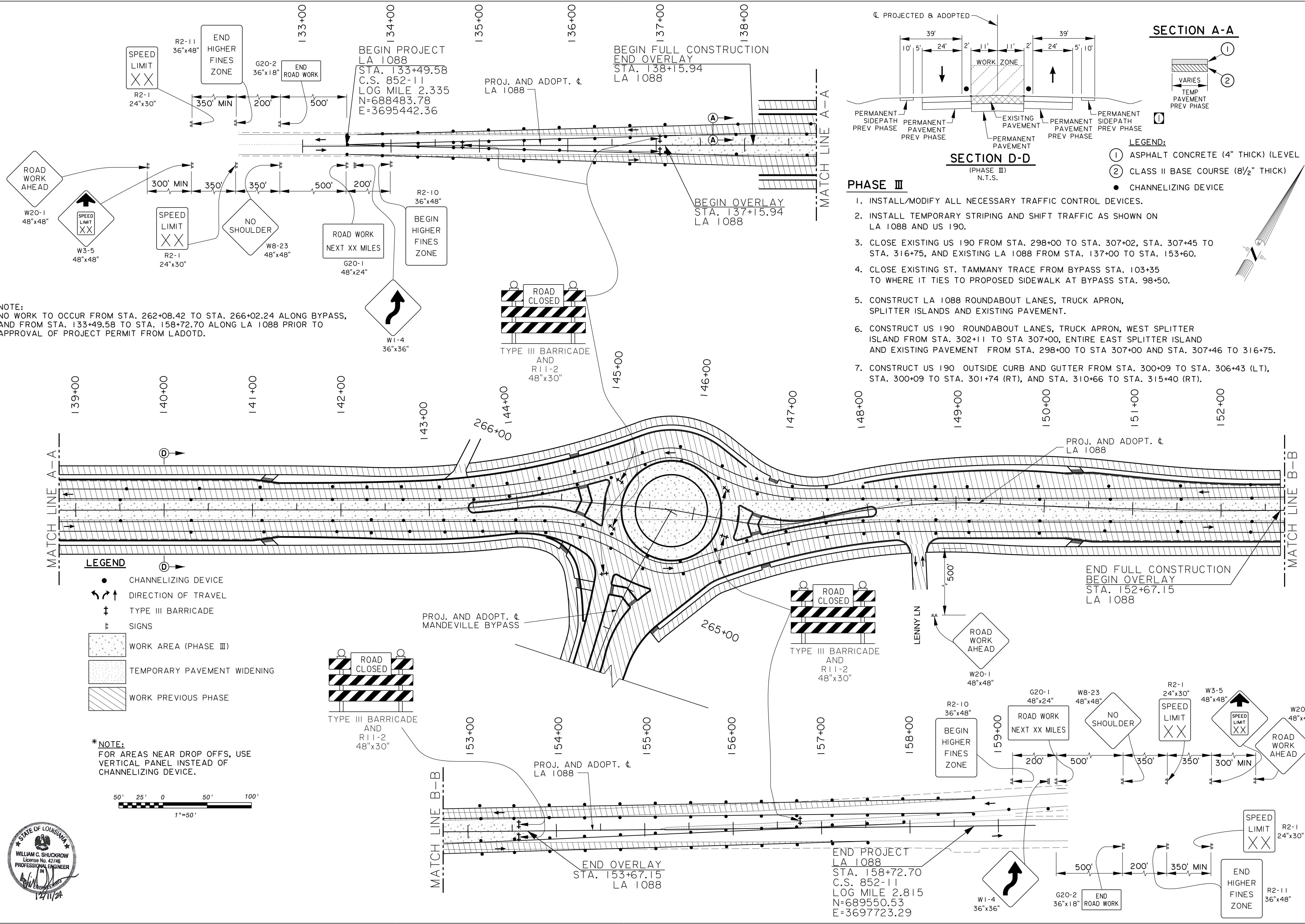
SHEET NUMBER	127
ST. TAMMANY	2014EN0001
PARISH PROJECT	NO.15.012
BK1 PROJECT	
STATE OF LOUISIANA	
MANDEVILLE BY PASS	
LA 1088 TO US 190	
SEQUENCE OF CONSTRUCTION	
ROADWAY PLANS	
DESIGNED	WCS
CHECKED	DSY
DATE	12/11/2024
SHEET	21 OF 25
WCS	
BY	
TYPICAL SECTION REVISION	
REVISION DESCRIPTION	
NO.	0
DATE	12/11/24



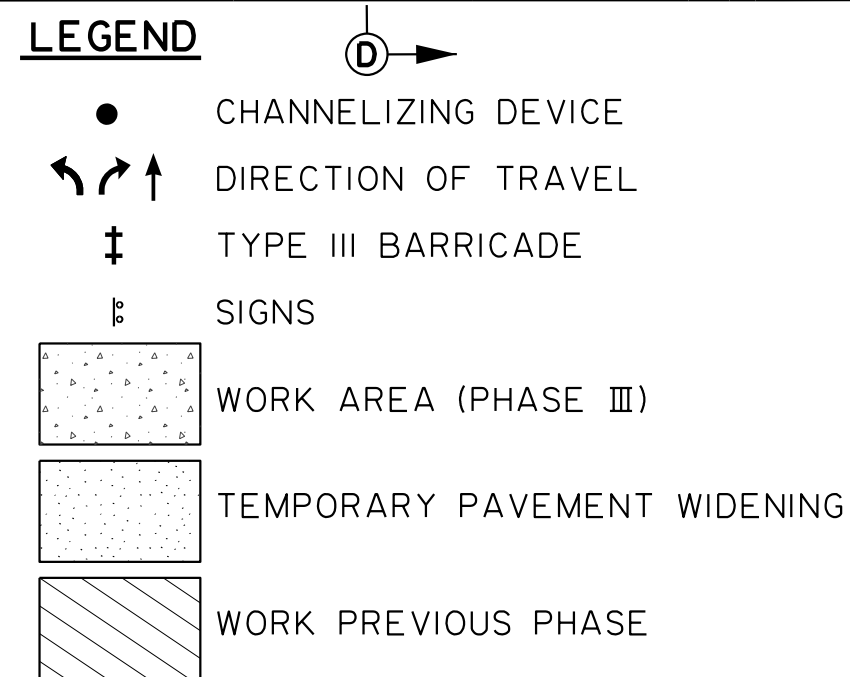
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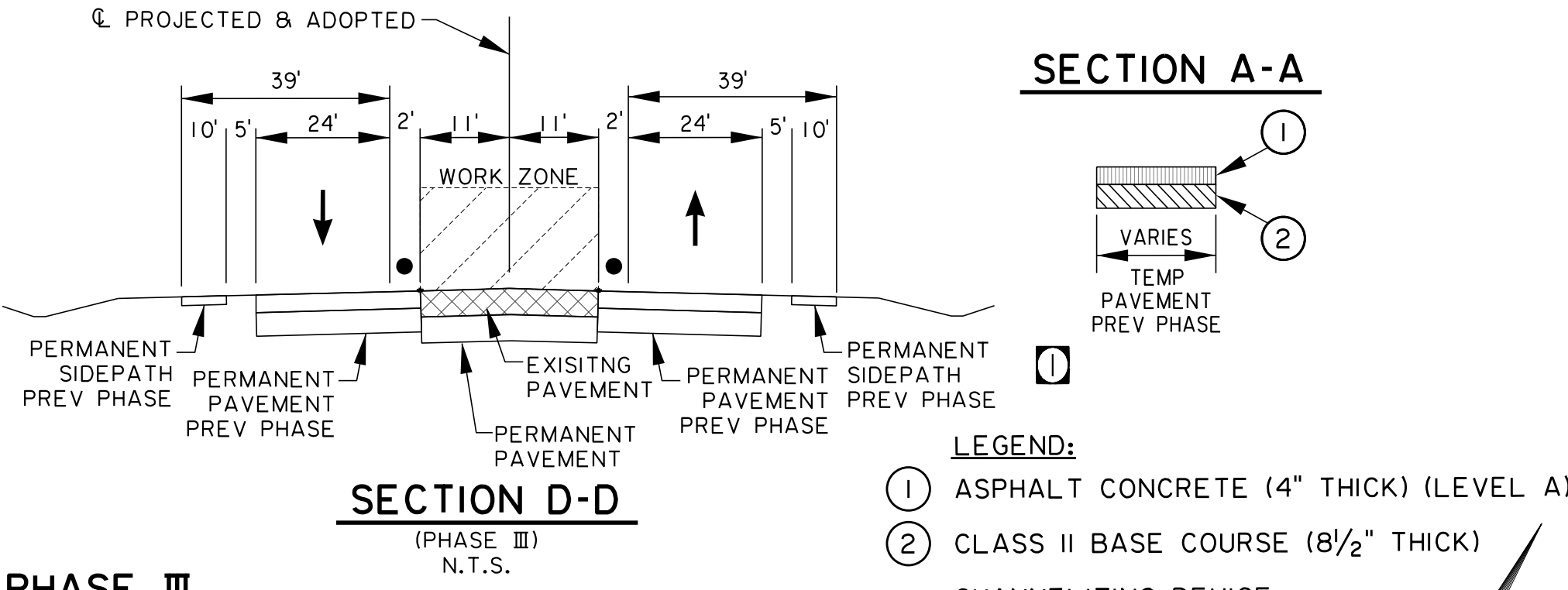
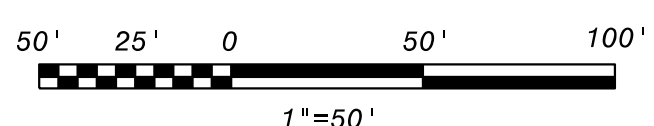
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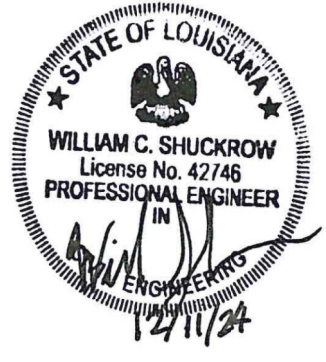
NOTE:
 NO WORK TO OCCUR FROM STA. 262+08.42 TO STA. 266+02.24 ALONG BYPASS,
 AND FROM STA. 133+49.58 TO STA. 158+72.70 ALONG LA 1088 PRIOR TO
 APPROVAL OF PROJECT PERMIT FROM LADOTD.



*NOTE:
 FOR AREAS NEAR DROP OFFS, USE
 VERTICAL PANEL INSTEAD OF
 CHANNELIZING DEVICE.



- PHASE III**
1. INSTALL/MODIFY ALL NECESSARY TRAFFIC CONTROL DEVICES.
 2. INSTALL TEMPORARY STRIPING AND SHIFT TRAFFIC AS SHOWN ON LA 1088 AND US 190.
 3. CLOSE EXISTING US 190 FROM STA. 298+00 TO STA. 307+02, STA. 307+45 TO STA. 316+75, AND EXISTING LA 1088 FROM STA. 137+00 TO STA. 153+60.
 4. CLOSE EXISTING ST. TAMMANY TRACE FROM BYPASS STA. 103+35 TO WHERE IT TIES TO PROPOSED SIDEWALK AT BYPASS STA. 98+50.
 5. CONSTRUCT LA 1088 ROUNDABOUT LANES, TRUCK APRON, SPLITTER ISLANDS AND EXISTING PAVEMENT.
 6. CONSTRUCT US 190 ROUNDABOUT LANES, TRUCK APRON, WEST SPLITTER ISLAND FROM STA. 302+11 TO STA 307+00, ENTIRE EAST SPLITTER ISLAND AND EXISTING PAVEMENT FROM STA. 298+00 TO STA 307+00 AND STA. 307+46 TO 316+75.
 7. CONSTRUCT US 190 OUTSIDE CURB AND GUTTER FROM STA. 300+09 TO STA. 306+43 (LT), STA. 300+09 TO STA. 301+74 (RT), AND STA. 310+66 TO STA. 315+40 (RT).



SHEET NUMBER	129
PARISH	ST. TAMMANY
PROJECT	2014EN0001
BK1 PROJECT	NO.15.012
ROADWAY PLANS	SEQUENCE OF CONSTRUCTION
DESIGNED	WCS
CHECKED	DSY
DATE	12/11/2024
BY	23 OF 25
REVISION	
DATE	

NS SAWING AND SEALING LONGITUDINAL AND TRANSVERSE JOINTS IN ASPHALT CONCRETE OVERLAY, AND SAWCUTS IN ASPHALT CONCRETE LIFTS (11/16):

1. DESCRIPTION:

These items consist of sawing and sealing longitudinal and transverse joints in asphalt concrete overlay and sawcuts in asphalt concrete lifts in accordance with plan details and the following requirements.

2. CONSTRUCTION REQUIREMENTS:

Sawcuts shall be made in the overlay at the locations of all transverse and longitudinal joints in the concrete pavement, the existing joint between concrete pavement and asphalt concrete shoulder and the existing joint between the concrete pavement and concrete shoulder. Before the overlay operation is started, the contractor shall accurately mark the location of each transverse joint in the existing concrete pavement and shoulder to the satisfaction of the engineer by placing a hub with a tack even with the ground at each edge of shoulder or by other approved methods. Offsets shall be measured from these hubs and tacks to locate the longitudinal joints.

All asphalt concrete lifts shall be saw cut a minimum of 1/8 inch wide by 1 inch deep over the existing longitudinal and transverse concrete pavement joints. These saw cuts shall be made after the overlay has thoroughly cooled and shall be completed within 3 calendar days after each lift is placed, before any reflective cracking has developed or other courses placed.

Both longitudinal and transverse joint reservoirs in the final wearing course shall be sawed to the dimensions shown on the plans. Sawing shall not begin until the overlay has thoroughly cooled. Joint faces shall be blown free of sawing slurry, dirt and water by compressed air just prior to resealing. The air compressor shall be equipped with an approved oil and water trap. The joint shall be dry before sealing. Joints which have become contaminated or dirty before sealing shall be recleaned as directed by the engineer.

The longitudinal and transverse joints shall be sealed with a sealant conforming to 1005.02.1 in accordance with plan details and the manufacturer's recommendations. The sealing operation shall be done as soon as possible after the sawing and cleaning and before traffic, including construction traffic, is allowed on the overlay. The sealed joints shall remain closed to traffic until, in the engineer's opinion, the sealant has satisfactorily cured to tack free.

The hot poured sealant shall be sampled in accordance with the Materials Sampling Manual.

3. MEASUREMENT

Measurement of sawing and sealing longitudinal and transverse joints in asphalt concrete pavement will be made by the linear foot along the sealant reservoirs in the final wearing course. Measurement of sawcuts in asphalt concrete lifts will be made by the linear foot along the sawcuts in each lift.

Payment for sawing and sealing longitudinal and transverse joints in asphalt concrete overlay will be made at the contract unit price, which includes locating and marking the joints, sawing the sealant reservoirs in the final wearing course, cleaning the sawed sealant reservoirs, , joint sealant, and all labor, equipment and incidentals necessary to complete these items. Payment for sawcuts in the asphalt concrete lifts will be made at the contract unit price which includes locating the joints in each lift of asphalt concrete, sawcuts in each lift of asphalt concrete and all labor, equipment and incidentals necessary to complete this item.

4. PAYMENT

Payment will be made under:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
NS-500-00220	Sawing and Sealing Longitudinal Joints in Asphalt Concrete Overlay	Linear Foot
NS-500-00240	Sawing and Sealing Transverse Joints in Asphalt Concrete Overlay	Linear Foot
NS-500-00260	Sawcuts in Asphalt Concrete Lifts	Linear Foot

This specification is for informational and illustrative purposes only and a bidder for a State Project should not rely on the substance or content of this document for any purpose. This specification document is not a contract document unless expressly included as part of a Construction Proposal by the Department.

NS SAW CUTTING ASPHALT CONCRETE PAVEMENT (11/16):

1. DESCRIPTION

This item consists of furnishing all equipment, labor, materials and incidentals to perform saw cutting of existing asphalt concrete pavement at locations as shown on the plans or directed by the Project Engineer.

2. MEASUREMENT

The saw cutting will be measured and paid at the contract unit price per inch depth of cut times the linear foot of cut.

3. PAYMENT

Payment will be made at the contract unit price under:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
NS-500-00340	Saw Cutting Asphalt Concrete Pavement	Inch Depth-Linear Foot

NS SAW CUTTING ASPHALTIC CONCRETE PAVEMENT OVER PORTLAND CEMENT CONCRETE COMPOSITE PAVEMENT (10/14):

1. DESCRIPTION.

This item consists of furnishing all equipment, labor, materials and incidentals to perform saw cutting of existing asphaltic concrete pavement over portland cement concrete composite pavement as shown on the plans or directed by the Project Engineer.

2. MATERIALS.

Vacant

3. CONSTRUCTION REQUIREMENTS.

Vacant

4. MEASUREMENT AND PAYMENT.

Saw cutting will be measured and paid at the contract unit price, per inch depth times the linear foot of cut, of the composite asphalt and portland cement concrete pavements.

Payment will be made at the contract unit price under:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
NS-500-00360	Saw Cutting Asphaltic Concrete Pavement Over Portland Cement Concrete Composite Pavement	Inch Depth-Linear Foot

NS PAVED GUTTER DRAIN (9/18):

1. DESCRIPTION.

This item consists of constructing and installing paved gutter drains in accordance with these specifications and in conformity with lines and grades shown on the plans or established by the Engineer.

2. MATERIALS.

Materials shall comply with the following sections and subsections:

Cast-in-Place Concrete (Class A1, B, D)	901
Portland Cement	1001
Mortar Sand	1003.08.1
Reinforcing Steel	1009.01
Asphaltic Varnish	1008.03
Frames, Grates, and Covers	1013.05 , 1013.06

Use mortar complying with 1001.03. Use mortar within 30 minutes after mixing or as recommended by the manufacturer.

3. CONSTRUCTION REQUIREMENTS.

Construct all cast-in-place structures and any required excavation and backfill in accordance with 702. Provide dewatering, shoring and bracing in accordance with 702.04.

4. MEASUREMENT.

Measure paved gutter drains per each. Excavation and backfill required for installation of these units will not be measured for payment. Dewatering, shoring and bracing needed to meet OSHA requirements are considered incidental to the work and will not be measured for payment.

5. PAYMENT.

Payment for paved gutter drains will be made at the contract unit price per each which will include all materials, tools, equipment, labor and incidentals necessary to complete the work shown on the plans including paved gutter drain, inlet, iron cover and grate along roadway, concrete splash pad, swale ditch and any required excavation and embankment.

The concrete in paved gutter drains will be identified by lots and will be subject to pay adjustments in accordance with Table 601-3 or Table 901-6 and Note 1 therein. Size, sampling, and testing of each concrete lot shall be in accordance with the Materials Sampling Manual.

Payment will be made under:

Item No.	Pay Item	Pay Unit
NS-702	Paved Gutter Drain	Each

NS NON-SIGNIFICANT TREE ARBORIST WORK AND PROTECTION (02/18):

1. DESCRIPTION.

This work consists of arborist work and the protection of trees to remain within the roadway right-of-way, zone of construction or operational influence in accordance with the plans and these specifications.

2. MATERIALS.

Comply with the following sections and subsections of the 2016 Louisiana Standard Specifications for Roads and Bridges:

Gravel	1003.01, 1003.10.3.1
Filter Cloth (Geotextile Fabric)	1019.01, Class B, C, or D.
Topsoil	715.02.1
Reinforcing Steel	1009.01

3. GENERAL REQUIREMENTS.

1. Only the trees specified on the plans will be trimmed for construction operations.
2. A Louisiana Licensed Arborist shall perform the necessary tree trimming, root pruning, or removal of any tree or stump. A current list of licensed arborists may be obtained from: Louisiana Department of Agriculture and Forestry website: <http://www.ldaf.state.la.us/>
3. Dripline is defined as the entire diameter reach of the tree canopy. Excavation or trenching, within the dripline of any tree to remain is permitted only under existing roadbeds or as directed by the Project Engineer, who may seek guidance from the Landscape Architectural staff, prior to excavation or trenching. Boring or hydraulic jacking is acceptable within the dripline but must be at minimum depth of 30 inches and begin and end 10 feet from the dripline of the tree
4. Root pruning is defined as the cutting or grinding of roots followed by hand-pruning of any exposed root greater than 1 inch in diameter. Clean cuts shall be made to allow for the callusing of necessary wounds and for healthy re-growth of lost root systems. When root pruning is required, the extent of root pruning shall be determined by the Project Engineer, who may seek guidance from the Landscape Architectural staff.

5. Where tree roots interfere with placement of new curbs or any required bases, excavation for placement of new curbs within the dripline shall be omitted. Any tree roots damaged during removal of existing curbs, bases, or walks shall be root pruned. After a thorough analysis of the particular situation, only hand formed, poured-in-place concrete curbs should be installed, if required, over the remaining roots by using current acceptable aborcultural practices and recommendations, or as directed by the Project Engineer, who may seek guidance from the Landscape Architectural staff.
6. Where tree roots interfere with placement of a concrete walk, wherever possible a ramp shall be constructed over the roots in accordance with the special details. This work shall consist of placing a layer of gravel approximately 4 inches - 6 inches thick in order to create a minimum of 3 inch thick clearance above the top of the roots. The gravel layer shall be completely wrapped in filter cloth and extend for the width of the walk and the length of the ramp. The concrete ramp section of walk shall be reinforced with welded wire fabric WWR 4x4-W4xW4 for the full length of the ramp . The ramp section shall be constructed such that all ADA requirements are met and that a constant depth of concrete is maintained over the roots. Weakened transverse planes shall be constructed as required in the ramp section. No expansion joint shall be used in the ramp section. If ramping is not an option, the Project Engineer, who may seek the guidance of the Landscape Architectural staff, shall determine the root pruning necessary for construction clearance prior to excavating for the walk.
7. The storage of materials, supplies, equipment, or vehicles will not be permitted within the dripline of any tree. The erection of tree protection fencing around the perimeter of tree driplines may be required as shown on the plans or as directed by the Project Engineer. The contractor is responsible for maintaining the tree protection fencing until completion of the project. The tree protection fencing and posts shall be removed as directed by the Project Engineer and become the property of the contractor. The minimum barricade requirements shall be the following: steel post, with at least 4 feet above ground, set no more than 6 feet on center with orange plastic safety fencing attached from top to bottom, running post to post completely encircling the tree or the portion of the dripline encroaching onto state ROW.
8. Trees deemed significant according to EDSM No: I.1.1.21 shall be brought to the attention of the Project Engineer, who may seek the guidance of the District Roadside Development Coordinators and the Landscape Architectural staff.. Work on trees that fall into this category shall be paid under the appropriate pay items.

4. MEASUREMENT.

1. Tree protection fencing will be measured per lump sum.
2. Tree trimming will be measured per lump sum.

3. Root pruning will be measured per lump sum.
4. Hand formed and poured in-place concrete curb within the limits of the tree dripline will be measured per linear foot.
5. Gravel bed and filter cloth over tree roots will be measured per square yard.

5. PAYMENT.

Payment for tree protection fencing, tree trimming, root pruning and hand formed poured in-place concrete curb within the limits of tree dripline will be made at the contract unit price, which includes all labor, equipment, materials and other incidentals to complete the work. Tree protection fencing will include all the work specified above not specifically provided in one of the other items listed below. Payment for gravel bed and filter cloth over tree roots will include furnishing the gravel, fill, filter cloth. The concrete walk will be paid for under the walk item for which this work is applicable with welded wire fabric included in the unit price of the walk.

Payment will be made under:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
NS-719-00001	Tree Protection Fencing	Lump Sum
NS-719-00002	Tree Trimming	Lump Sum
NS-719-00003	Root Pruning	Lump Sum
NS-719-00004	Hand Formed and Poured In-Place Concrete Curb Within the Limits of the Tree Dripline	Linear Foot
NS-719-00005	Gravel Bed and Filter Cloth Over Tree Roots	Square Yard

N.S. SQUARE STEEL TUBULAR SIGN POSTS AND HARDWARE (05-23):

1.0 DESCRIPTION.

This work consists of furnishing and installing perforated galvanized square steel tubular sign posts (including a telescopic system) and hardware in accordance with these specifications, plans, details, and 2016 Louisiana Standard Specifications for Roads and Bridges.

The following sections of the Louisiana Standard Specifications for Roads and Bridges are referenced in this specification:

Sign Installation	729.05
Perforated Square Tubing Sign Posts	1015.02.1.4

2.0 MATERIALS.

Perforated sign posts shall be in accordance with 1015.02.1.4 for the upright sign post.

Table 1				
Size (in.)	Specified Min. Gauge	Wall Thickness Tolerance, in.	Min. Weight (lb/ft)	Outside Tolerances (in.)
2 x 2	12	±0.008	2.42	±0.010
2 ¼ x 2 ¼	12	±0.008	2.77	±0.010

Holes shall be $7/16 \pm 1/64$ inch in diameter on 1-inch centers on all four sides the length of the post. Holes shall be on the centerline of each side in true alignment and opposite each other directly and diagonally. Holes shall be spaced so that when telescoping the sections together, the holes will line-up on all four sides.

The finished posts shall be straight and have a smooth, uniform finish. All holes and ends shall be free from burrs and ends shall be cut square. It shall be possible to telescope all consecutive sizes of square posts freely for not less than 10 feet of their length without the necessity of matching any particular face to any other face.

Convexity and concavity when measured in the center of the flat sides shall be within ± 0.010 inch, determined at the corner.

Squareness of the sides and twist shall conform to Table 2.

Table 2		
Nominal Outside Dimensions (in.)	Squareness Tolerance (in.)	Twist Permissible in 3 feet (in.)
2 x 2	±0.012	0.062
2 ¼ x 2 ¼	±0.012	0.062

Variation in straightness shall not exceed 1/16 inch in 3 feet.

Standard outside corner radii shall be 5/32±1/64 inch.

2.1 HARDWARE.

Hardware shall meet the following requirements:

1. Breakaway Support.

When required the breakaway support shall be a Kleen-Break Model 425 post coupler manufactured by Xcessories Squared Development and Manufacturing, Inc.

2. Corner Bolt and Nut.

5/16” zinc plated corner bolt and nut conforming to ASTM B633.

3. Drive Rivet.

Use a drive rivet to attach the sign panel. The rivet shall be aluminum killed, fine grain, and zinc plated conforming to ASTM B117.

4. Nylon Washer.

Use a nylon plain punch washer with the rivet. The washer shall be used on the drive rivet to protect the sign panel.

3.0 CONSTRUCTION REQUIREMENTS.

Installation of signs shall be done in accordance with 729.05, and the LADOTD Roadside Signing Details. Breakaway supports shall be installed per the manufacturer’s recommendations. Existing signs that are in conflict, as determined by the project engineer, or are being replaced shall be removed as necessary.

4.0 MEASUREMENT.

Breakaway Square Tubing Sign post, including breakaway support and concrete mowing pad when required will be measured per each installed and accepted including all hardware and components.

5.0 PAYMENT.

Payment will be made at the contract unit price per each installation which shall include all labor, equipment, tools, materials, and incidentals necessary to complete the work, including breakaway supports, concrete mowing pad, and when required, removing and remounting of existing signs, and mounting of new signs.

Payment will be made under:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
NS-729-00029	Breakaway Square Tubing Sign Support w/Mowing Pad	Each
NS-729-00030	Breakaway Square Tubing Sign Support (Wet Concrete)	Each
NS-729-00031	Breakaway Square Tubing Sign Support (Surface Mount)	Each
NS-729-00032	Direct Drive Breakaway, Square Tubing Sign Support(Soil)	Each

**LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM**

TO:

St. Tammany Parish Government
21454 Koop Drive, Suite 2F
Mandeville, LA. 70471
(OWNER TO PROVIDE NAME AND ADDRESS OF OWNER)

Revise Per Addendum No. 1

BID FOR:

Mandeville Bypass LA 1088 To US 190
Project No. 2014EN0001
Bid No. 24-67-2
(OWNER TO PROVIDE PROJECT NAME & OTHER IDENTIFYING INFO)

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

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CLEARING AND GRUBBING				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
201-01-00100	1	LUMP SUM		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # REMOVAL OF STRUCTURES AND OBSTRUCTIONS				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-01-00100	1	LUMP SUM		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # REMOVAL OF ASPHALT DRIVES				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-02000	66	SQUARE YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # REMOVAL OF PAVEMENT STRUCTURE				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-03030	5461.3	SQUARE YARD		

Wording for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

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Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF CONCRETE BOX HEADWALL (48" x 24" x 8")	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
202-02-06040	2	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF PIPE (CROSS DRAIN) (18" CPVC)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
202-02-32100	86	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF PIPE (CROSS DRAIN) (24" RCP)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
202-02-32100	67	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF PIPE (SIDE DRAIN) (18" RCP)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
202-02-32120	20	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF PIPE (SIDE DRAIN) (24" RCP)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
202-02-32120	110	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF PIPE (SIDE DRAIN) (24" CMP)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
202-02-32120	20	LINEAR FOOT			

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # REMOVAL OF PIPE HEADWALLS				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-32180	4	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # REMOVAL OF SIGNS AND SUPPORTS				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-38240	18	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # GENERAL EXCAVATION				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
203-01-00100	118223	CUBIC YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # DRAINAGE EXCAVATION				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
203-02-00100	3000	CUBIC YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # EMBANKMENT				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
203-03-00100	55290	CUBIC YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # NONPLASTIC EMBANKMENT (SAND)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
203-04-00200	25370	CUBIC YARD		

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # GEOTEXTILE FABRIC				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
203-08-00100	91332	SQUARE YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY HAY BALES				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
204-02-00100	133	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY SEDIMENT CHECK DAMS (HAY)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
204-05-00100	186	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY SEDIMENT CHECK DAMS (STONE)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
204-05-00200	41	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY SILT FENCING				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
204-06-00100	42718	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY STONE CONSTRUCTION ENTRANCE				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
204-07-00100	2	EACH		

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CLASS II BASE COURSE (CRUSHED STONE OR RECYCLED PORTLAND CEMENT CONCRETE)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
302-01-00700	30194.4	CUBIC YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # BASE DRAIN OUTLET				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
302-03-00100	131	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # LIME				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
304-01-00100	75.57	TON		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # LIME TREATMENT (TYPE E)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
304-05-00100	5331	SQUARE YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # AGGREGATE SURFACE COURSE (ADJUSTED VEHICULAR MEASUREMENT)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
401-02-00100	20	CUBIC YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # ASPHALT CONCRETE				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
502-01-00100	41234.7	TON		

Version 2017 Q2

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

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	ASPHALT CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
502-01-00200	213.1	TON					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	MILLING ASPHALT PAVEMENT		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
509-01-00100	2252	SQUARE YARD					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CONTRACTOR RETAINED RECLAIMED ASPHALT PAVEMENT		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
509-02-00100	187	CUBIC YARD					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PAVEMENT PATCHING (12.5 MINIMUM THICKNESS)		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
510-01-00001	124	SQUARE YARD					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PORTLAND CEMENT CONCRETE PAVEMENT (COLORED) (9" THICK) (BRICK RED COLOR - BROOM FINISH)		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
601-01-10000	1316.0	SQUARE YARD					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PORTLAND CEMENT CONCRETE PAVEMENT CORING		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
601-04-00100	5	EACH					

Version 2017 Q2

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CROSS DRAIN PIPE (24" RCP/RPVCP)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-01-01004	537	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CROSS DRAIN PIPE (36" RCP/RPVCP)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-01-01043	531	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CROSS DRAIN PIPE (42" RCP/RPVCP)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-01-01063	792	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CROSS DRAIN PIPE ARCH (36" EQUIV. RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-02-01040	103	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CROSS DRAIN PIPE ARCH (42" EQUIV. RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-02-01060	368	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CROSS DRAIN PIPE ARCH (48" EQUIV. RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-02-01080	459	LINEAR FOOT		

Version 2017 Q2

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Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CROSS DRAIN PIPE ARCH (60" EQUIV. RCPA)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
701-02-01120	531	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	STORM DRAIN PIPE (15" RCP/RPVCP)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
701-03-01002	915	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	STORM DRAIN PIPE (36" RCP/RPVCP)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
701-03-01082	177	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	STORM DRAIN PIPE ARCH (15" EQUIV. RCPA)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
701-04-01000	370	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	STORM DRAIN PIPE ARCH (36" EQUIV. RCPA)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
701-04-01080	132	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SIDE DRAIN PIPE (15" RCP/RPVCP/CPEPDW/CPPPDW)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
701-05-01025	82	LINEAR FOOT			

Version 2017 Q2

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIDE DRAIN PIPE (24" RCP/RPVCP)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-05-01069	249	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIDE DRAIN PIPE (30" RCP/RPVCP)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-05-01087	146	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIDE DRAIN PIPE (36" RCP/RPVCP)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-05-01106	57	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIDE DRAIN PIPE (42" RCP/RPVCP)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-05-01127	270	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIDE DRAIN PIPE (EROSION) (24" RPVCP/CPEPDW/CPPPDW)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-05-02067	598	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIDE DRAIN PIPE (EROSION) (42" RPVCP/CPEPDW/CPPPDW/CPPPTW)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-05-02126	182	LINEAR FOOT		

Version 2017 Q2

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIDE DRAIN PIPE ARCH (18" EQUIV. RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-06-00020	127	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIDE DRAIN PIPE ARCH (42" EQUIV. RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-06-00100	30	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIDE DRAIN PIPE ARCH (48" EQUIV. RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-06-00120	117	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIDE DRAIN PIPE ARCH (60" EQUIV. RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-06-00160	255	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CONCRETE COLLAR				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-15-00100	8	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CATCH BASINS (CB-07)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
702-03-00600	16	EACH		

Version 2017 Q2

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Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CATCH BASINS (CB-08)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
702-03-00700	1	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CROSS DRAIN SAFETY END (TYPE 1)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
702-07-00100	12	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CROSS DRAIN SAFETY END (TYPE 2)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
702-07-00200	8	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SIDE DRAIN SAFETY END (TYPE 1)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
702-08-00100	5	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SIDE DRAIN SAFETY END (TYPE 2)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
702-08-00200	1	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SIDE DRAIN SAFETY END (TYPE 3)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
702-08-00300	1	EACH			

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # BLOCKED OUT GUARD RAIL - 31", (6'-3" POST SPACING)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
704-03-00200	125.0	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # BLOCKED OUT GUARD RAIL - 31", (DOUBLE FACED, 6'-3" POST SPACING)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
704-04-00200	25.0	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # GUARD RAIL TRANSITIONS (DOUBLE THRIE BEAM)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
704-07-00200	150.0	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # GUARD RAIL END TREATMENT, MASH, (TL-3 BI-DIRECTIONAL)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
704-10-00305	6	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # GUARD RAIL END TREATMENT, NCHRP 350 - 31" (TL-3 FLARED)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
704-10-00310	2	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CONCRETE WALK (4" THICK)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
706-01-00100	22286.3	SQUARE YARD		

Version 2017 Q2

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # INCIDENTAL CONCRETE PAVING (COLORED) (6" THICK) (BRICK RED COLOR - BROOM FINISH)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
706-03-10000	3108	SQUARE YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CURB RAMPS (TYPE 3)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
706-04-00110	484.9	SQUARE YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CONCRETE CURB				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
707-01-00100	3362.6	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # COMBINATION CONCRETE CURB AND GUTTER				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
707-03-00100	39156.7	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # RIGHT-OF-WAY MONUMENT				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
708-01-00100	108	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # RIGHT-OF-WAY MONUMENT WITNESS POST				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
708-02-00100	108	EACH		

Version 2017 Q2

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # RIPRAP (55 LB)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
711-03-00400	3000.0	TON		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # GEOTEXTILE FABRIC				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
711-04-00100	3098	SQUARE YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CONCRETE CAST-IN-PLACE REVETMENT (4" THICK)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
712-01-00100	618	SQUARE YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY SIGNS AND BARRICADES				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-01-00100	1	LUMP SUM		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY PAVEMENT MARKINGS (8" WIDTH)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-02-00300	1942	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY PAVEMENT MARKINGS (24" WIDTH)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-02-00500	1003	LINEAR FOOT		

Version 2017 Q2

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY PAVEMENT MARKINGS (BROKEN LINE) (4" WIDTH) (4" LENGTH)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-03-01000	0.240	MILE		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY PAVEMENT MARKINGS (SOLID LINE) (4" WIDTH)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-04-01000	6.860	MILE		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY PAVEMENT LEGENDS & SYMBOLS (ARROW - STRAIGHT)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-05-00190	6	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY PAVEMENT LEGENDS & SYMBOLS (ARROW - LEFT TURN)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-05-00220	6	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY PAVEMENT LEGENDS & SYMBOLS (ARROW - RIGHT TURN)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-05-00230	2	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY PAVEMENT LEGENDS & SYMBOLS (ARROW - MERGE)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-05-00240	4	EACH		

Version 2017 Q2

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Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	TEMPORARY REFLECTORIZED RAISED PAVEMENT MARKERS	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
713-06-00100	32	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	MULCH (VEGETATIVE)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
716-01-00100	204.6	TON			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SEEDING	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
717-01-00100	3069	POUND			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	FERTILIZER	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
718-01-00100	102280	POUND			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	EROSION CONTROL SYSTEM (SLOPE PROTECTION) (TYPE A)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
720-01-01000	1816	SQUARE YARD			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PROJECT SITE LABORATORY (EQUIPPED)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
722-02-00100	1	EACH			

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TEMPORARY DETOUR ROADS				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
725-01-00100	4883.9	SQUARE YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # BEDDING MATERIAL				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
726-01-00100	2353.7	CUBIC YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # MOBILIZATION				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
727-01-00100	1	LUMP SUM		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIGN (TYPE A)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-01-00100	844.1	SQUARE FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIGN (TYPE B)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-02-00100	105.4	SQUARE FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SIGN (TYPE D)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-04-00100	52.4	SQUARE FOOT		

Version 2017 Q2

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # MOUNTING (2 1/2" SIZE POST)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-08-00100	13	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # MOUNTING (3 1/2" SIZE POST)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-08-00200	14	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # MOUNTING (W6 X 12 SIZE POST)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-08-00600	8	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # OBJECT MARKER ASSEMBLY (TYPE 2)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-16-00200	56	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # OBJECT MARKER ASSEMBLY (TYPE 3)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-16-00300	4	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # DEAD END ROAD INSTALLATIONS (TYPE A)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-19-00100	1	EACH		

Version 2017 Q2

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Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SQUARE TUBING POST WITH 2-1/4" OMNI-DIRECTIONAL ANCHOR	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
729-22-00200	32	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REFLECTORIZED RAISED PAVEMENT MARKERS	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
731-02-00100	303	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (DOTTED LINE)(24" W)(2' L)(THERMO 125 MIL)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-01-05400	439	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH) (THERMOPLASTIC 90 MIL)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-02-02000	15.672	MILE			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (SOLID LINE) (8" WIDTH) (THERMOPLASTIC 90 MIL)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-02-02040	0.511	MILE			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (24" WIDTH) (THERMOPLASTIC 125 MIL)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-01-02080	1783	LINEAR FOOT			

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Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (DOTTED LINE)(4" W)(2' L)(THERMO 90 MIL)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-03-02010	0.020	MILE			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (DOTTED LINE)(4" W)(3' L)(THERMO 90 MIL)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-03-02012	0.300	MILE			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (DOTTED LINE)(8" W)(2' L)(THERMO 90 MIL)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-03-02030	0.012	MILE			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (DOTTED LINE)(8" W)(3' L)(THERMO 90 MIL)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-03-02040	0.266	MILE			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (BROKEN LINE) (4" WIDTH) (THERMOPLASTIC 90 MIL)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-03-02000	0.170	MILE			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - STRAIGHT)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-04-01020	8	EACH			

Version 2017 Q2

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Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-04-01080	10	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - RIGHT TURN)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-04-01100	6	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - MERGE)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-04-01120	4	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLSTCPVMTLGND&SYM(DIRARRRNDDBT-FSHK)(TYPE LTC)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-04-01131	4	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLSTC PVMT LGNDS AND SYMB (DIR ARR RNDDBT - FSHK) (TYPE LC)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-04-01133	3	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLSTC PVMT LGNDS AND SYMB (DIR ARR RNDDBT - FSHK) (TYPE T)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-04-01134	3	EACH			

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Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLSTC PVMT LGNDS AND SYMB (DIR ARR RNDBT - FSHK) (TYPE TR)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-04-01136	2	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLSTC PVMT LGNDS AND SYMB (DIR ARR RNDBT - FSHK) (TYPE TUC)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-04-01138	2	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF EXISTING MARKINGS	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
732-05-00100	0.668	MILE			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	MAILBOXES	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
735-01-00100	3	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	MAILBOX SUPPORTS (SINGLE)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
735-02-00100	3	EACH			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CONSTRUCTION LAYOUT	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
740-01-00100	1	LUMP SUM			

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # PRECAST CONCRETE PILES (24")				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
804-01-00600	4548	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # PRECAST CONCRETE TEST PILES (24")				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
804-05-00600	2	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # STATIC LOAD TEST (PRECAST CONCRETE PILES (24"))				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
804-09-00600	2	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CLASS A1 CONCRETE (SLAB SPAN)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
805-01-00100	339.78	CUBIC YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CLASS A1 CONCRETE (BENT CAP)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
805-01-00300	145.34	CUBIC YARD		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # DYNAMIC MONITORING ASSISTANCE				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
804-14-00100	6	EACH		

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Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	DYNAMIC MONITORING INSTRUMENTATION	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
804-15-00100	1	LUMP SUM			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REINFORCED CONCRETE BOX CULVERTS (EXTENSION)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
805-16-02700	29	LINEAR FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CONCRETE FINISH (CLASS 2 RUBBED FINISH)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
805-18-00100	3763	SQUARE FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CONCRETE FINISH (CLASS 3 SPECIAL FINISH)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
805-18-00200	8574	SQUARE FOOT			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	DEFORMED REINFORCING STEEL	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
806-01-00100	89194	POUND			
Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CONCRETE BRIDGE RAILING (36 INCH HEIGHT)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)	
810-01-00120	560	LINEAR FOOT			

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # CONCRETE APPROACH SLABS (CAST-IN-PLACE)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
813-01-00100	4040	SQUARE FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # ELASTOMERIC BEARING PADS (NON-REINFORCED)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
814-01-00100	252	SQUARE FOOT-INCH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # JOINT SEAL (POURED)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
815-03-00300	384	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # PEDESTRIAN BRIDGE				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
TS-807-00001	1	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SAWING AND SEALING TRANSVERSE JOINTS IN ASPHALT CONCRETE OVERLAY				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-500-00240	288	LINEAR FOOT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SAWCUTS IN ASPHALT CONCRETE LIFTS				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-500-00260	480	LINEAR FOOT		

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SAW CUTTING ASPHALT CONCRETE PAVEMENT				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-500-00340	352	INCH-LIN FT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # SAW CUTTING ASPHALT CONCRETE PAVEMENT OVER PORTLAND CEMENT CONCRETE COMPOSITE PAVEMENT				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-500-00360	35184	INCH-LIN FT		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # PAVED GUTTER DRAIN (SINGLE)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-702-00101	14	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # PAVED GUTTER DRAIN (DOUBLE)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-702-00102	27	EACH		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # TREE TRIMMING				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-719-00002	1	LUMP SUM		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # BREAKAWAY SQUARE TUBING SIGN SUPPORT W/ MOWING PAD				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-729-00029	19	EACH		

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Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	BREAKAWAY SQUARE TUBING SIGN SUPPORT (SURFACE MOUNT)		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
NS-729-00031	47	EACH					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	TRIAXIAL GEOGRID		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
TS-300-00060	68434	SQUARE YARD					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SOLAR POWERED FLASHING BEACON, PEDESTAL MOUNTED		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
TS-736-00017	4	EACH					

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