

CONSTRUCTION PLANS FOR PAVEMENT IMPROVEMENTS VOLUME 1B

MAYOR OF SHREVEPORT
TOM ARCENEUX

ANNETTE ST., SPRING LAKE DR., STEERE DR.,
LOGAN ST., AND SAMFORD AVE.

PROJECT NO. C24001

CITY OF SHREVEPORT
CADDO PARISH, LOUISIANA
JANUARY 19, 2026

DISTRICT A REPRESENTATIVE
TABATHA TAYLOR

DISTRICT B REPRESENTATIVE
GARY BROOKS

DISTRICT C REPRESENTATIVE
JIM TALIAFERRO

DISTRICT D REPRESENTATIVE
GRAYSON BOUCHER

DISTRICT E REPRESENTATIVE
DR. ALAN JACKSON, JR.

DISTRICT F REPRESENTATIVE
JAMES GREEN

DISTRICT G REPRESENTATIVE
URSULA BOWMAN



Know what's below.
Call before you dig.

THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL AT 811 A MINIMUM OF 48 HOURS, BUT NO MORE THAN 120 HOURS, EXCLUDING WEEKENDS AND HOLIDAYS, IN ADVANCE OF THE COMMENCEMENT OF ANY EXCAVATION OR DEMOLITION ACTIVITY.

DATUM

Horizontal: NAD83 LA State Plane/North Zone/US Foot
Vertical: NAVD88

TRAFFIC DATA

SPEED LIMIT: 25 MPH (ANNETTE ST., SPRING LAKE DR., STEERE DR., LOGAN ST., AND SAMFORD AVE.)

OWNER/CLIENT:



505 TRAVIS STREET
SHREVEPORT, LA 71101
www.shreveportla.gov

JARVIS MORGAN
DIRECTOR OF PUBLIC WORKS

DAVID B. SMITH, P.E.
CITY ENGINEER

PROJECT MANAGER

BALAR ASSOCIATES, INC.
631 Milam Street, Suite 300
Shreveport, LA 71101

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ENGINEER

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Telephone: (318) 828-1126

PROJECT CLASSIFICATION:

HIGHWAY, STREET, AND BRIDGE CONSTRUCTION

NOTE:

CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE CONSTRUCTION PLANS AND THE PROJECT MANUAL AND TECHNICAL SPECIFICATIONS. THIS PROJECT IS GOVERNED BY THE SIGNED / SEALED / DATED PROJECT MANUAL PROVIDED BY OWEN ENGINEERING, LLC

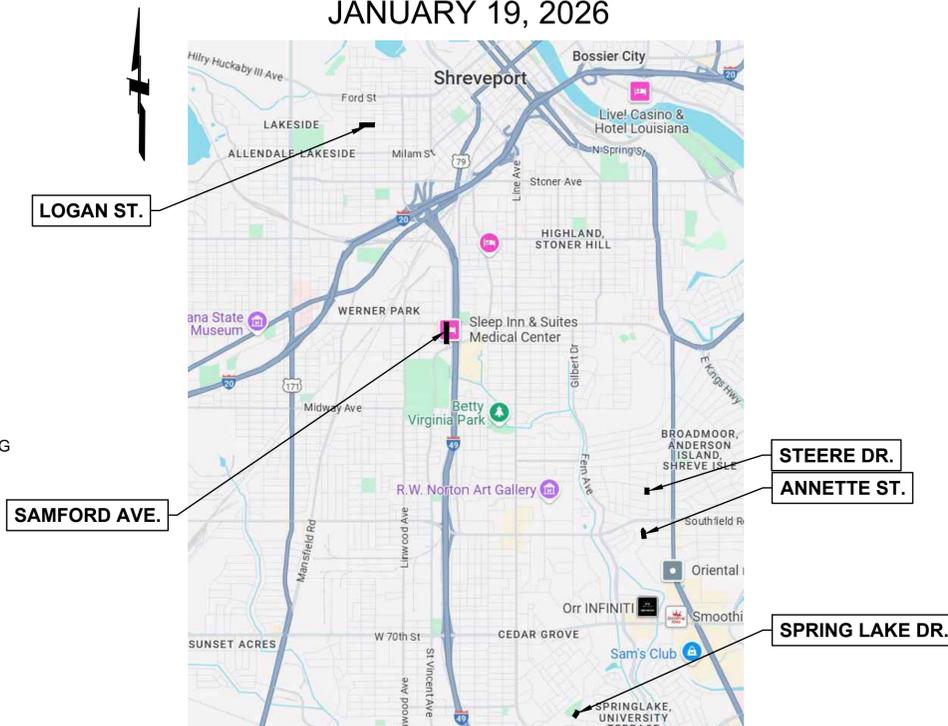
THESE PLANS HAVE BEEN PREPARED TO COMPLY WITH THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN

DATE: JANUARY 19, 2026

PROJECT LOCATION



VICINITY MAP



LOCATION MAP

NOT TO SCALE

INDEX TO SHEETS

- TITLE SHEET AND INDEX TO SHEETS
- GENERAL NOTES
- OVERALL SHEET LAYOUT AND LEGEND
- SUMMARY OF ESTIMATED QUANTITIES
- ANNETTE ST. PANEL REPLACEMENT PLAN STA. 0+00 TO STA. 2+50
- ANNETTE ST. PANEL REPLACEMENT PLAN STA. 2+50 TO STA. 4+35
- SPRING LAKE DR. PANEL REPLACEMENT PLAN STA. 0-20 TO STA. 2+63
- SPRING LAKE DR. PANEL REPLACEMENT PLAN STA. 2+63 TO STA. 3+84
- STEERE DR. PANEL REPLACEMENT PLAN STA. 0+00 TO STA. 2+75
- STEERE DR. PANEL REPLACEMENT PLAN STA. 2+75 TO STA. 4+01
- LOGAN ST. PANEL REPLACEMENT PLAN STA. 0-04 TO STA. 2+33
- LOGAN ST. PANEL REPLACEMENT PLAN STA. 2+33 TO STA. 4+88
- LOGAN ST. PANEL REPLACEMENT PLAN STA. 4+88 TO STA. 7+29
- SAMFORD AVE. CONCRETE STREET PLAN STA. 0+00 TO STA. 4+83
- SAMFORD AVE. CONCRETE STREET PROFILE STA. 0+00 TO STA. 4+83
- ANNETTE ST. JOINT RESEALING PLAN STA. 0+00 TO STA. 2+50
- ANNETTE ST. JOINT RESEALING PLAN STA. 2+50 TO STA. 4+35
- SPRING LAKE DR. JOINT RESEALING PLAN STA. 0-20 TO STA. 2+63
- SPRING LAKE DR. JOINT RESEALING PLAN STA. 2+63 TO STA. 4+18
- STEERE DR. JOINT RESEALING PLAN STA. 0+00 TO STA. 2+75
- STEERE DR. JOINT RESEALING PLAN STA. 2+75 TO STA. 4+01
- LOGAN ST. JOINT RESEALING PLAN STA. 0-04 TO STA. 2+33
- LOGAN ST. JOINT RESEALING PLAN STA. 2+33 TO STA. 4+88
- LOGAN ST. JOINT RESEALING PLAN STA. 4+88 TO STA. 7+29
- SAMFORD AVE. TYPICAL SECTION AND DRIVEWAY DETAILS
- SAMFORD AVE. DETAILS
- CLEANING AND RESEALING JOINT DETAILS
- UNREINFORCED CONCRETE PANEL TYPICAL SECTION
- CONCRETE PANEL REPLACEMENT DETAILS
- HANDICAP ACCESSIBLE RAMP AND SIDEWALK DETAILS
- LA DOTD PED-01 (1)
- LA DOTD PED-01 (2)
- LA DOTD PED-01 (4)
- LA DOTD STANDARD PLAN EC-01 (1)
- LA DOTD STANDARD PLAN EC-01 (2)
- SUGGESTED TRAFFIC CONTROL PLAN - ANNETTE ST.
- SUGGESTED TRAFFIC CONTROL PLAN - SPRING LAKE DR.
- SUGGESTED TRAFFIC CONTROL PLAN - STEERE DR.
- SUGGESTED TRAFFIC CONTROL PLAN - PENNSYLVANIA AVE.
- SUGGESTED TRAFFIC CONTROL PLAN - LOGAN ST.
- SUGGESTED TRAFFIC CONTROL PLAN - SYCAMORE ST.
- SUGGESTED TRAFFIC CONTROL PLAN - SAMFORD AVE. PH. 1
- SUGGESTED TRAFFIC CONTROL PLAN - SAMFORD AVE. PH. 2
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- SUGGESTED TRAFFIC CONTROL PLAN - SAMFORD AVE. PH. 4
- SUGGESTED TRAFFIC CONTROL PLAN - SAMFORD AVE. PH. 5
- SUGGESTED TRAFFIC CONTROL PLAN - SAMFORD AVE. PH. 6

TOTAL NUMBER OF SHEETS: 47



THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. COPYRIGHT NOTICE: THIS ENGINEERING DRAWING SHALL BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. NO OTHER USE, REPRODUCTION, OR DISSEMINATION MAY BE MADE WITHOUT THE PRIOR WRITTEN CONSENT OF OWEN ENGINEERING, LLC. ALL COMMON LAW RIGHTS ARE RESERVED AND OTHERWISE ARE SPECIFICALLY RESERVED.

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PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001

TITLE SHEET AND
INDEX TO SHEETS



PROJECT NO:
OE 2025-13

DATE:
JANUARY 19, 2026

SHEET NO.
1

GENERAL NOTES

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING THE RESIDENT PROJECT REPRESENTATIVE AND ALL RESIDENCES ALONG STREET TO BE REPAIRED NO LESS THAN FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING WORK. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PLACING NOTICES (DOOR HANGERS) ON ALL AFFECTED CITIZENS FRONT DOORS. NOTIFICATIONS TO RESIDENCES SHALL BE MADE FROM BLOCK CORNER TO BLOCK CORNER.
2. ALL WORK SITES MUST BE PROPERLY BARRICADED AND SIGNED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). SUGGESTED TRAFFIC CONTROL PLANS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL FURNISH AND ERECT TRAFFIC CONTROL SIGNS AND DEVICES AS REQUIRED. SIGNAGE AND TRAFFIC CONTROL DEVICES SHALL REMAIN IN PLACE AND SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE CONTRACT. FAILURE TO COMPLY MAY RESULT IN THE CITY OF SHREVEPORT TAKING CORRECTIVE ACTION AND THE RESULTING COSTS BEING SUBTRACTED FROM THE CONTRACT.
3. UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE CITY ENGINEER, ALL STREETS ARE TO REMAIN OPEN WHILE WORK UNDER THIS CONTRACT IS IN PROGRESS. IN MOST INSTANCES, WORK WILL NEED TO BE DONE ON A LANE -BY-LANE BASIS. IF STREETS ARE APPROVED TO BE CLOSED, THE CONTRACTOR SHALL NOTIFY THE CADDO PARISH SHERIFF'S DEPARTMENT, SHREVEPORT POLICE DEPARTMENT, SHREVEPORT FIRE DEPARTMENT, SHREVEPORT SOLID WASTE, CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT, AND SPORTRAN AT LEAST 48 HOURS PRIOR TO CLOSING.
4. CONTRACTOR MUST CONTACT UTILITY OWNERS IF EXCAVATION OR WORK IS CONDUCTED NEAR UTILITY POLES. UTILITY POLES THAT NEED TO BE STABILIZED DUE TO EXCAVATION OR OTHER WORK SHALL BE BRACED OR STABILIZED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE UTILITY COMPANY.
5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL RESIDENTIAL AND COMMERCIAL DRIVEWAYS AND SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES UNLESS AS OTHERWISE DESCRIBED BELOW.
 - a. IF MULTIPLE PANEL REPAIRS ARE DESIGNATED IN FRONT OF A DRIVEWAY THE CONTRACTOR SHALL CONSTRUCT THE PANEL REPLACEMENTS SEPARATELY SUCH THAT ACCESS IS MAINTAINED TO THE DRIVEWAY AS MUCH AS PRACTICABLE. THIS STAGING OF CONSTRUCTION SHALL BE AT NO DIRECT PAY.
 - b. IN THE EVENT A SINGLE PANEL REPLACEMENT IS DESIGNATED IN FRONT OF A DRIVEWAY, AND ACCESS WILL BE DENIED, THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER OR TENANT SO THE OWNER OR TENANT MAY MAKE ARRANGEMENTS TO RELOCATE HIS VEHICLES. THIS COORDINATION SHALL BE AT NO DIRECT PAY.
 - c. IF THE PROPERTY OWNER OR TENANT HAS MULTIPLE DRIVEWAYS, THE CONTRACTOR SHALL COMPLETE PANEL REPLACEMENTS AT ONE DRIVEWAY AND RESTORE USE OF THE DRIVEWAY BEFORE DEMOLISHING AND REPLACING PANELS AT THE SECOND DRIVEWAY.
6. CONTRACTOR SHALL REPLACE IN KIND ANY AND ALL DRIVEWAYS, STREETS, AND SIDEWALKS WHICH BECOME DAMAGED AS A RESULT OF THE CONTRACTOR'S ACTIVITY. SUCH REPLACEMENT SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT AND SHALL BE AT NO DIRECT PAY.
7. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR ALONE WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORK HOURS.
8. THE CONTRACTOR SHALL PROVIDE FOR TEMPORARY EROSION CONTROL IN ACCORDANCE WITH THE TEMPORARY CONTROL MEASURES SHOWN ON LA DOTD STANDARD PLAN EC-01 AND ANY OTHER MEASURES DEEMED NECESSARY DURING THE COURSE OF THE CONSTRUCTION. BEST MANAGEMENT PRACTICES MUST BE USED IN ORDER TO CONTROL STORM WATER RUNOFF FROM THE CONSTRUCTION SITE. CONTRACTOR SHALL SECURE AND ADHERE TO THE REQUIREMENTS OF THE LOUISIANA POLLUTANT DISCHARGE ELIMINATION SYSTEM (LPDES) GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES. CONTACT THE LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ) OFFICE OF ENVIRONMENTAL SERVICES FOR FURTHER INFORMATION.
9. ALL UNPAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE PROPERLY BACKFILLED, GRADED, HYDROSEEDDED, AND REPLACED TO ORIGINAL OR BETTER CONDITION. TOPSOIL AND WHOLE BLOCK SOD SHALL BE PAID FOR IN ITEMS 1201.1 AND 1201.8, RESPECTIVELY.

10. WHERE DEMOLITION OF CONCRETE AND / OR ASPHALT PAVEMENT, CONCRETE SIDEWALKS, CONCRETE CURBS, ETC. IS REQUIRED FOR CONSTRUCTION, THE CONTRACTOR SHALL SAW-CUT PRIOR TO DEMOLITION A NEAT EDGE FOR TIE-IN TO NEW CONSTRUCTION, OR THE CONTRACTOR SHALL REMOVE TO THE NEAREST JOINT. DEMOLISHED AREAS NOT SPECIFIED TO BE REPLACED ARE TO BE RESTORED TO PRE-CONSTRUCTION CONDITIONS AT NO DIRECT PAY.
11. CONTRACTOR SHALL REPLACE IN KIND ANY DRAINAGE STRUCTURE OR OTHER UTILITY THAT IS DAMAGED DURING CONSTRUCTION AT HIS EXPENSE.
12. THE CONTRACTOR SHALL VERIFY ALIGNMENT AND GRADE OF ALL PROPOSED IMPROVEMENTS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES AND / OR CONFLICTS THAT ARE DISCOVERED SHALL BE REPORTED TO THE PROJECT ENGINEER FAR ENOUGH IN ADVANCE TO MAKE ANY REQUIRED ADJUSTMENTS TO THE DESIGN.
13. ALL EXCAVATIONS SHALL BE PERFORMED IN STRICT ACCORDANCE WITH OSHA REGULATIONS AND ANY OTHER APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES.
14. THE CONTRACTOR SHALL REMOVE FROM SITE AND DISPOSE OF ALL EXCESS MATERIAL, CONCRETE PAVING, STORM DRAIN PIPE, AND OTHER CONSTRUCTION DEBRIS. THIS WORK SHALL BE AT NO DIRECT PAY WHICH SHALL BE CONSIDERED FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS NECESSARY TO SAW CUT, REMOVE, AND DISPOSE OF EXCESS MATERIAL, CONCRETE PAVING, STORM DRAIN PIPE, AND OTHER CONSTRUCTION DEBRIS.
15. ALL WORK IS SUBJECT TO FINAL REVIEW BY THE CITY OF SHREVEPORT AND THE PROJECT ENGINEER.
16. IF DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REMOVE AND REPLACE MAILBOXES AS NECESSARY AT NO DIRECT PAY. MAILBOXES SHALL BE PLACED 12" FROM THE EDGE OF THE NEW ASPHALT PAVEMENT AT 38" TO 42" HIGH IN ACCORDANCE WITH U.S. POSTAL SERVICE REGULATIONS. MAIL DELIVERY SHALL BE UNINTERRUPTED DURING ALL PHASES OF CONSTRUCTION.
17. AREAS DISTURBED DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, AREAS BEHIND FORMWORK FOR CURBS, SIDEWALKS, AND HANDICAP ACCESSIBLE RAMPS, SHALL BE DRESSED WITH 4" TOPSOIL AND WHOLE BLOCK SOD TO MATCH EXISTING GRASS. THIS WORK SHALL BE INCIDENTAL TO CONSTRUCTION AND SHALL NOT BE MEASURED FOR PAYMENT. THE WIDTH AND BREADTH OF DISTURBED AREA IS THE CONTRACTOR'S RESPONSIBILITY AND SITE RESTORATION SHALL INCLUDE THE ENTIRE DISTURBED AREA.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PROPERTY OWNERS AND / OR TENANTS OF WORK SO PARKED VEHICLES MAY BE MOVED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND SHALL NOT BE PAID FOR DIRECTLY.
19. CONTRACTOR SHALL MAINTAIN STORM WATER DRAINAGE DURING CONSTRUCTION. POSITIVE DRAINAGE TO CURB INLETS IN AREAS WHERE PANELS ARE REMOVED AND REPLACED MUST BE MAINTAINED. WATER SHALL NOT BE PERMITTED TO STAND IN EXCAVATED PANEL AREAS - IT SHALL BE REMOVED AND THE EXCAVATION ALLOWED TO DRY PRIOR TO PLACING CONCRETE.
20. A CLEAN, STRAIGHT FULL DEPTH SAW CUT IS REQUIRED TO OBTAIN A SMOOTH AND NEAT EDGE BEFORE REMOVAL OF EXISTING CONCRETE.
21. DIMENSIONS SHOWN ARE FOR NEW CONCRETE PANELS AND ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR IS TO VERIFY DIMENSIONS OF EACH PANEL REPLACEMENT AND VERIFY JOINT ALIGNMENT WHERE PRACTICAL.
22. PAYMENT SHALL BE MADE PER LINEAR FOOT OF SAW CUTTING REQUIRED ON EXISTING PAVEMENT FOR PANEL REPLACEMENT PER BID ITEM S-004.
23. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND / OR REPLACEMENT OF PRIVATE FACILITIES IN RIGHT-OF-WAY, INCLUDING, BUT NOT LIMITED TO, PRIVATE LAWN SPRINKLER LINES, SPRINKLER HEADS, LANDSCAPING STONES, BRICKS, ROCKS, AND PLANTINGS. PAYMENT SHALL BE MADE IN LUMP SUM PAY ITEM S-007.



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 2776 (Mississippi)
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REV.	DATE	REVISION DESCRIPTION

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PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
GENERAL NOTES



PROJECT NO:
OE 2025-13

DATE:
JANUARY 19, 2026

SHEET NO.
2

ESTIMATED QUANTITIES PER SHEET

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	EST. TOTAL QUANTITY
211.1	GEOGRID REINFORCING	S.Y.	6,099
302.1	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1
302.6	REMOVAL OF CONCRETE PAVEMENT (SEE NOTE 1 BELOW)	S.Y.	3,986
302.7	REMOVAL OF PAVEMENT BASE AND SURFACE (SEE NOTE 2 BELOW)	S.Y.	2,070
302.8	REMOVAL OF CONC. WALKS AND DRIVEWAYS	S.Y.	407
302.9	REMOVAL OF CONC. CURB AND GUTTER	L.F.	1,435
302.10	REMOVAL OF CONCRETE CURB	L.F.	2,144
303.1	ROADWAY EXCAVATION (SEE NOTE 3 BELOW)	C.Y.	688
305.2	IMPORTED BORROW EXCAVATION (SEE NOTE 4 BELOW)	C.Y.	328
310.7	COMPOST SOCKS, COMPOST FILTER BERMS, OR STRAW WATTLES	L.F.	142
402.1	IN-PLACE SOIL CEMENT BASE COURSE (8" DEPTH) (10.5% CEMENT) (SEE NOTE 5)	TON	78
403.1.1	CRUSHED STONE BASE COURSE (4" THICK)	C.Y.	438
403.1.2	CRUSHED STONE BASE COURSE (6" THICK)	C.Y.	360
509.1.1	PORTLAND CEMENT CONCRETE PAVEMENT (8" THICK)	S.Y.	3,941
509.1.2	PORTLAND CEMENT CONCRETE PAVEMENT (9" THICK)	S.Y.	2,158
605.1	CONCRETE CURB (BARRIER)	L.F.	1,356
605.1	CONCRETE CURB (MOUNTABLE)	L.F.	2,268
605.4	SIDEWALKS (4 INCH THICK)	S.Y.	116
605.5	DRIVEWAYS (6" THICK)	S.Y.	31
1201.1	TOP SOIL	S.Y.	1,485
1201.8	SOD LAWN	S.Y.	1,485
1202.1	MOBILIZATION	L.S.	1
1303.04	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (24INCH WIDTH) (WHITE STOP BAR)	EACH	10
1304.03.1	PAINTED TRAFFIC STRIPPING (SOLID LINE) (YELLOW)	L.F.	1,000
1304.03.2	PAINTED TRAFFIC STRIPPING (SOLID LINE) (WHITE)	L.F.	600
1306.1	TEMPORARY SIGNS AND BARRICADES	L.S.	1
3200.4.2a	WATER SERVICE LINE (UP TO AND INCLUDING 2", LONG)	EACH	4
3200.4.2b	WATER SERVICE LINE (UP TO AND INCLUDING 2", SHORT)	EACH	4
S-001	CLEANING AND RESEALING EXISTING TRANSVERSE PAVEMENT JOINTS	L.F.	1,244
S-002	CLEANING AND RESEALING EXISTING LONGITUDINAL PAVEMENT JOINTS	L.F.	1,260
S-003	CLEANING AND RESEALING EXISTING RANDOM CRACKS	L.F.	1,316
S-004	SAW CUTTING EXISTING CONCRETE	L.F.	2,917
S-005	HANDICAP RAMP	EACH	35
S-006	MIXING, SHAPING, GRADING, AND COMPACTING SUBBASE (SAMFORD)	S.Y.	2,158
S-007	REMOVE TREE, INCLUDING STUMP GRINDING	EACH	1

NOTES:

- ITEM 302.6 - REMOVAL OF CONCRETE PAVEMENT: THIS PAY ITEM COMPENSATES THE CONTRACTOR FOR REMOVAL OF CONCRETE PAVEMENT, PER SQUARE YARD, REGARDLESS OF THE EXISTING THICKNESS. THE INTENT OF THIS ITEM IS TO COMPENSATE THE CONTRACTOR FOR CHIPPING, BREAKING, EXCAVATING, AND HAULING AND DISPOSING OF CONCRETE STREET PAVEMENT.
- ITEM 302.7 - REMOVAL OF PAVEMENT BASE AND SURFACE: THIS PAY ITEM COMPENSATES THE CONTRACTOR FOR THE REMOVAL OF ASPHALTIC CONCRETE PAVEMENT AND REMOVAL OF IN-SITU STONE BASE MATERIAL, REGARDLESS OF THE EXISTING THICKNESS.
- ITEM 303.1 - ROADWAY EXCAVATION: THIS PAY ITEM COMPENSATES THE CONTRACTOR FOR:
 - 6" THICK REMOVAL DEPTH ON NEW CONCRETE STREETS (SAMFORD), MEASURED FROM THE TOP OF THE EXISTING SUBGRADE AFTER THE EXISTING PAVEMENT HAS BEEN REMOVED, AND
 - 12" THICK REMOVAL OF UNSUITABLE IN-SITU MATERIAL ON 25% OF THE PANEL REPLACEMENTS. THIS 12" THICKNESS IS MEASURED FROM THE TOP OF THE EXISTING SUBGRADE AFTER THE PAVEMENT / BASE HAS BEEN REMOVED. THE ACTUAL QUANTITY WILL BE MEASURED IN THE FIELD.
- ITEM 305.2 - IMPORTED BORROW EXCAVATION: THIS PAY ITEM COMPENSATES THE CONTRACTOR FOR REPLACEMENT OF REMOVED UNSUITABLE IN-SITU MATERIAL WITH SELECT FILL. IT IS ESTIMATED BY ASSUMING 25% OF THE PANEL REPLACEMENTS WILL REQUIRE REMOVAL OF 12" OF UNSUITABLE IN-SITU MATERIAL. THE ACTUAL QUANTITY WILL BE MEASURED IN THE FIELD.
- ITEM 402.1 - IN-PLACE SOIL CEMENT BASE COURSE (8" DEPTH) (10.5% CEMENT): THIS PAY ITEM COMPENSATES THE CONTRACTOR FOR CEMENT-STABILIZING SAMFORD LANE IN ITS ENTIRETY WITH 10.5% CEMENT BY VOLUME TO A DEPTH OF 8". THE ACTUAL CEMENT APPLICATION PERCENTAGE AND DEPTH REQUIRED WILL BE DETERMINED IN THE FIELD AND THE QUANTITY WILL BE ADJUSTED TO THE ACTUAL TONNAGE OF CEMENT APPLIED.

CONC. PANEL REPLACEMENT SHEETS										NEW CONC. STREET	JOINT RESEALING SHEETS									
ANNETTE		SPRING LAKE		STEERE		LOGAN				ANNETTE		SPRING LAKE		STEERE		LOGAN				
5	6	7	8	9	10	11	12	13	14	16	17	18	19	20	21	22	23	24		
430.5	143.6	823.0	380.0	523.0	357.0	394.0	513.0	377.0	45.0											
									2,070.0											
31.0	26.0	133.0	22.0	0	56.0	76.0	0	26.0	37.0											
									1,435.0											
254.0	73.0	403.0	181.0	371.0	124.0	239.0	342.0	157.0	0.0											
35.9	12.0	68.6	31.7	43.6	29.8	32.8	42.8	31.4	359.7											
35.9	12.0	68.6	31.7	43.6	29.8	32.8	42.8	31.4	0.0											
										30.0	30.0	30.0				30.0	22.0			
									77.7											
47.8	16.0	91.4	42.2	58.1	39.7	43.8	57.0	41.9												
									359.7											
430.5	143.6	823.0	380	523	357	394	513	377												
									2,158.0											
192	49	0	0	287	124	218	331	155												
62	24	444	181	84	0	21	11	2	1,439.0											
17	24	44	6	0.0	10.0	12	0.0	3.0												
									31.0											
155	155	140	140	105	105	135	135	135	280											
155	155	140	140	105	105	135	135	135	280											
1	1	1	1	0	4	0	0	2	0											
									1,000.0											
									600.0											
										114	196	48	58	156	103	285	78	206		
										164	318	127	61	106	65	207	47	165		
										210	375	231	87	65	62	142	8	136		
307	204	483.0	247.0	111.0	267.0	424.0	385.0	401.0	88.0											
5	2	2	4	0	8	8	0	4	2											
									2,158.0											

NOTES (CONTINUED):

- ITEM 1201.1 AND 1201.8 - TOPSOIL AND SOD LAWN: THIS PAY ITEM COMPENSATES THE CONTRACTOR FOR RESTORATION OF DISTURBED LAWNS. IT IS ESTIMATED BY MULTIPLYING THE LENGTH OF THE STREET BY 5 FEET WIDTH (THIS CONSIDERS DRIVEWAYS, ETC.). THE ACTUAL QUANTITY WILL BE MEASURED IN THE FIELD.

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 PROFESSIONAL ENGINEER

REV.	DATE	REVISION DESCRIPTION



BALAR
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 BALAR ASSOCIATES, INC. #64
 Louisiana Registration No. 64

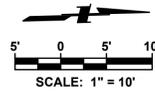
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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
 SUMMARY OF ESTIMATED QUANTITIES PER SHEET



PROJECT NO: OE 2025-13
 DATE: JANUARY 19, 2026
 SHEET NO.



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 E. Andrew Looman, Engineer
 Registration No. 2776 (Mechanical)
 Professional Engineer
 Louisiana Registration No. 64

REV.	DATE	REVISION DESCRIPTION

BALAR
 CONSULTING ENGINEERS
 BALAK ASSOCIATES, INC.
 Louisiana Registration No. 64

631 MILAM STREET, SUITE 300
 SHREVEPORT, LOUISIANA 71101
 PHONE: 318-221-8312
 E-MAIL: balar@balar-engineers.com



PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

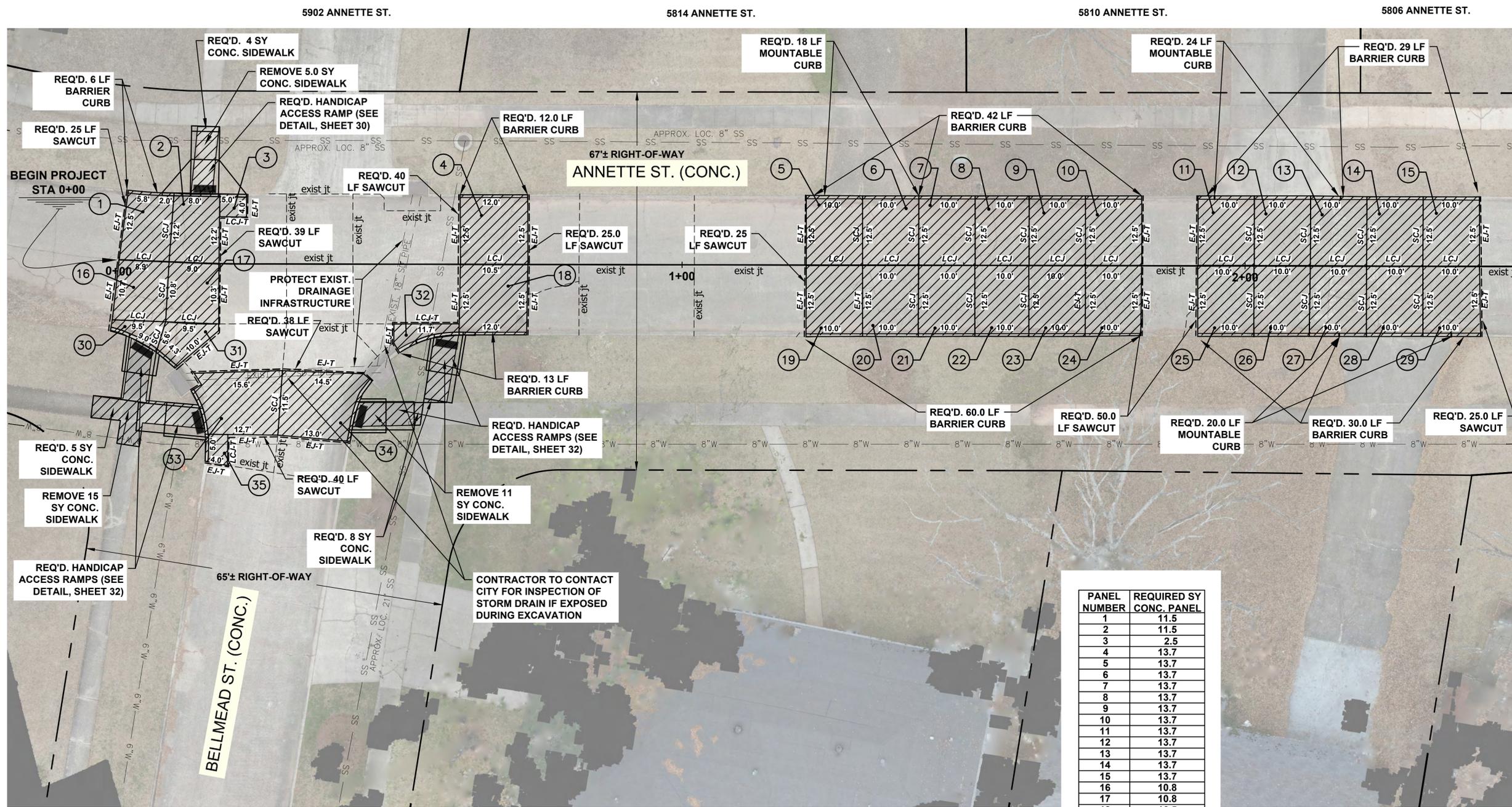
ANNETTE STREET
 PANEL REPLACEMENT PLAN



PROJECT NO:
 OE 2025-13

DATE:
 JANUARY 19, 2026

SHEET NO.
5



MATCH LINE - STA. 2+50 - SEE SHEET 6

FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :

CONCRETE PANELS	430.5 SY	SAW CUTTING EXISTING CONC.	307 LF
CONC. CURB (BARRIER)	192 LF	CONC. CURB (MOUNTABLE)	62 LF
HANDICAP ACCESSIBLE RAMPS	5 EA		
REMOVAL OF CONC. SIDEWALK	31 SY		
CONC. SIDEWALK	17 SY		

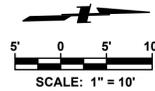
PANEL NUMBER	REQUIRED SY CONC. PANEL
1	11.5
2	11.5
3	2.5
4	13.7
5	13.7
6	13.7
7	13.7
8	13.7
9	13.7
10	13.7
11	13.7
12	13.7
13	13.7
14	13.7
15	13.7
16	10.8
17	10.8
18	16.5
19	13.7
20	13.7
21	13.7
22	13.7
23	13.7
24	13.7
25	13.7
26	13.7
27	13.7
28	13.7
29	13.7
30	3.5
31	6.0
32	3.8
33	17.7
34	18.3
35	2.5
TOTAL	430.5

- LEGEND (TYPICAL, ALL SHEETS) :**
- exist jt --- EXISTING PAVEMENT JOINT
 - --- REQ'D. SAW CUT
 - /// PANEL REMOVAL
 - NEW CONCRETE PANEL
 - EJ TRANSVERSE EXPANSION JOINT
 - SCJ TRANSVERSE SAWN CONTRACTION JOINT OR CONSTRUCTION JOINT
 - LCJ LONGITUDINAL CONSTRUCTION JOINT
 - SLJ LONGITUDINAL JOINT (SAWN)
 - EJ-T TRANSVERSE EXPANSION JOINT (TIE-IN TO EXISTING PAVEMENT)
 - LCJ-T LONGITUDINAL JOINT (TIE-IN TO EXISTING PAVEMENT)

SEE SHEET 16 FOR ANNETTE STREET JOINT RESEALING PLAN

ANNETTE STREET CONC. PANEL REPLACEMENT PLAN (SHEET 1 OF 2)

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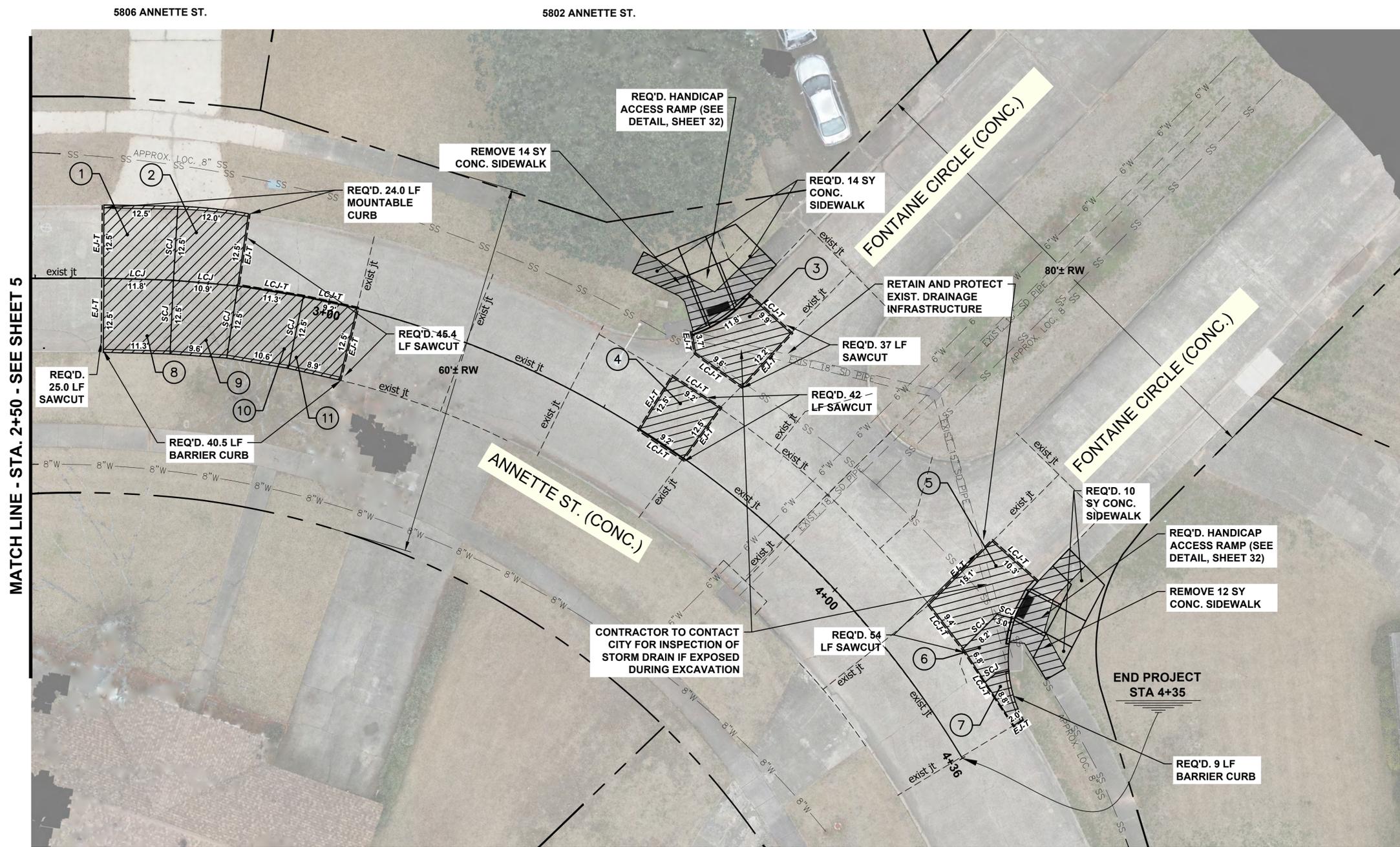
PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
 ANNETTE STREET
 PANEL REPLACEMENT PLAN



PROJECT NO: OE 2025-13

DATE: JANUARY 19, 2026

SHEET NO.



FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :

CONCRETE PANELS	143.6 SY	SAW CUTTING EXISTING CONC.	204 LF
CONC. CURB (BARRIER)	49 LF	CONC. CURB (MOUNTABLE)	24 LF
CONC. SIDEWALK	24 SY		
HANDICAP ACCESSIBLE RAMPS	2 EA		
REMOVAL OF CONC. SIDEWALK	26 SY		

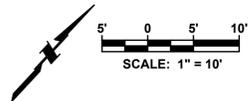
PANEL NUMBER	REQUIRED SY CONC. PANEL
1	16.9
2	16.0
3	15.2
4	10.7
5	17.9
6	6.4
7	2.9
8	16.0
9	14.1
10	15.0
11	12.5
TOTAL	143.6

- LEGEND (TYPICAL, ALL SHEETS) :
- exist jt --- EXISTING PAVEMENT JOINT
 - --- REQ'D. SAW CUT
 - /// PANEL REMOVAL
 - NEW CONCRETE PANEL
 - EJ TRANSVERSE EXPANSION JOINT
 - SCJ TRANSVERSE SAWN CONTRACTION JOINT OR CONSTRUCTION JOINT
 - LCJ LONGITUDINAL CONTRACTION JOINT
 - SLJ LONGITUDINAL JOINT (SAWN)
 - EJ-T TRANSVERSE EXPANSION JOINT (TIE-IN TO EXISTING PAVEMENT)
 - LCJ-T LONGITUDINAL JOINT (TIE-IN TO EXISTING PAVEMENT)

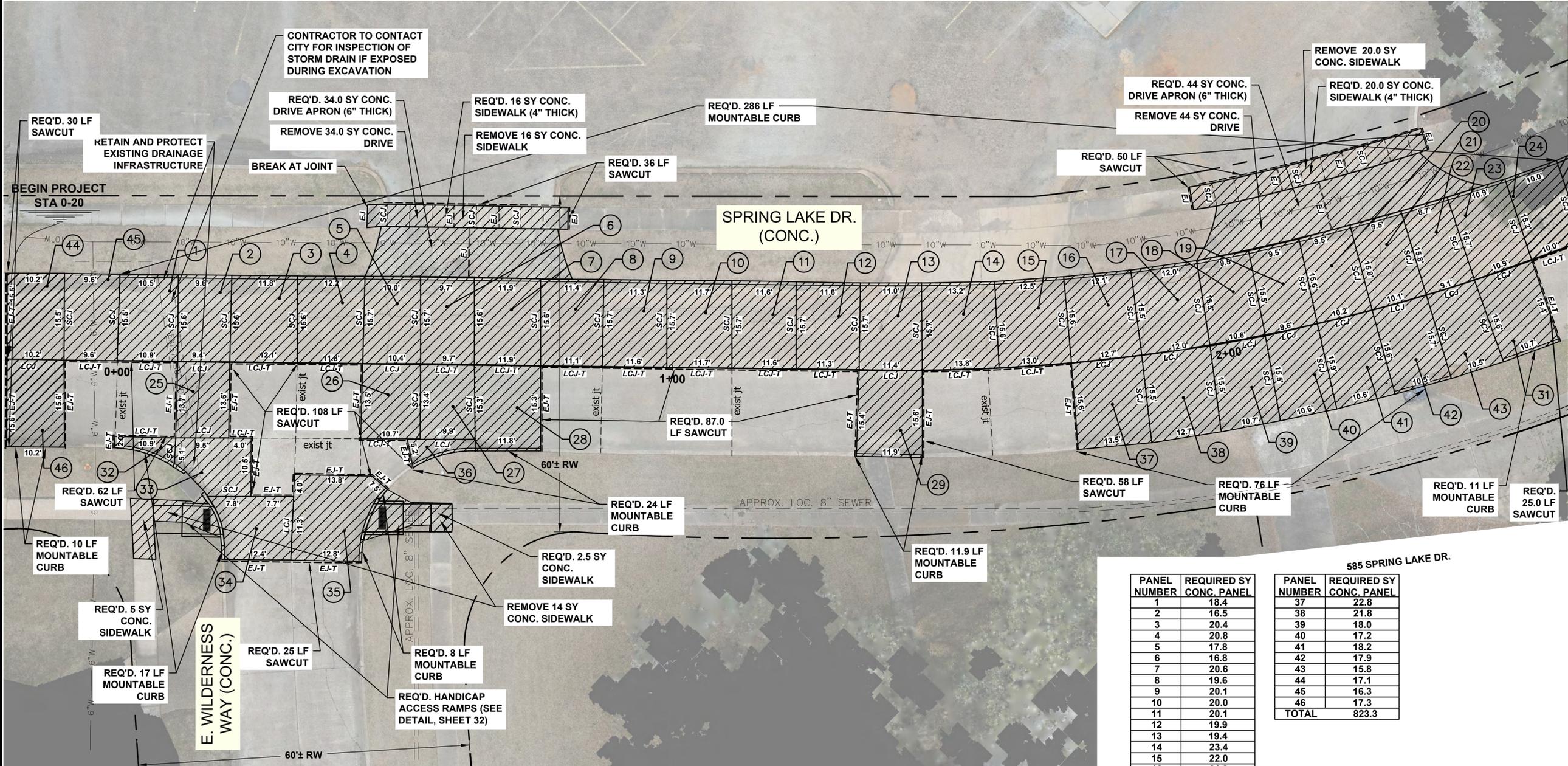
SEE SHEET 17 FOR ANNETTE STREET JOINT RESEALING PLAN

ANNETTE STREET CONC. PANEL REPLACEMENT PLAN (SHEET 2 OF 2)

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.



578 SPRING LAKE DR. PIERREMONT OAKS TENNIS CLUB



MATCH LINE - STA. 2+63 - SEE SHEET 8

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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
 SPRING LAKE DRIVE
 PANEL REPLACEMENT PLAN



PROJECT NO:
 OE 2025-13

DATE:
 JANUARY 19, 2026

SHEET NO.
 7

FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :

CONCRETE PANELS	823 SY	SAW CUTTING EXISTING CONC.	483 LF
CONC. CURB (BARRIER)	0.0 LF	CONC. CURB (MOUNTABLE)	444 LF
CONC. SIDEWALK REMOVAL	55 SY	CONC. SIDEWALK	43.5 SY
CONC. DRIVE APRON	78 SY		
HANDICAP ACCESSIBLE RAMPS	2 EA		

PANEL NUMBER	REQUIRED SY CONC. PANEL
1	18.4
2	16.5
3	20.4
4	20.8
5	17.8
6	16.8
7	20.6
8	19.6
9	20.1
10	20.0
11	20.1
12	19.9
13	19.4
14	23.4
15	22.0
16	21.3
17	21.4
18	16.4
19	16.3
20	17.1
21	17.2
22	15.5
23	18.7
24	16.8
25	14.3
26	15.7
27	15.4
28	20.3
29	20.0
30	17.9
31	18.7
32	3.7
33	13.9
34	16.4
35	24.1
36	4.0

585 SPRING LAKE DR.

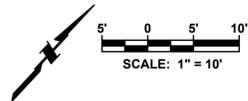
PANEL NUMBER	REQUIRED SY CONC. PANEL
37	22.8
38	21.8
39	18.0
40	17.2
41	18.2
42	17.9
43	15.8
44	17.1
45	16.3
46	17.3
TOTAL	823.3

- LEGEND (TYPICAL, ALL SHEETS) :**
- exist jt --- EXISTING PAVEMENT JOINT
 - --- REQ'D. SAW CUT
 - /// PANEL REMOVAL
 - NEW CONCRETE PANEL
 - EJ TRANSVERSE EXPANSION JOINT
 - SCJ TRANSVERSE SAWN CONTRACTION JOINT OR CONSTRUCTION JOINT
 - LCJ LONGITUDINAL CONSTRUCTION JOINT
 - SLJ LONGITUDINAL JOINT (SAWN)
 - EJ-T TRANSVERSE EXPANSION JOINT (TIE-IN TO EXISTING PAVEMENT)
 - LCJ-T LONGITUDINAL JOINT (TIE-IN TO EXISTING PAVEMENT)

SEE SHEET 18 FOR SPRING LAKE DRIVE JOINT RESEALING PLAN

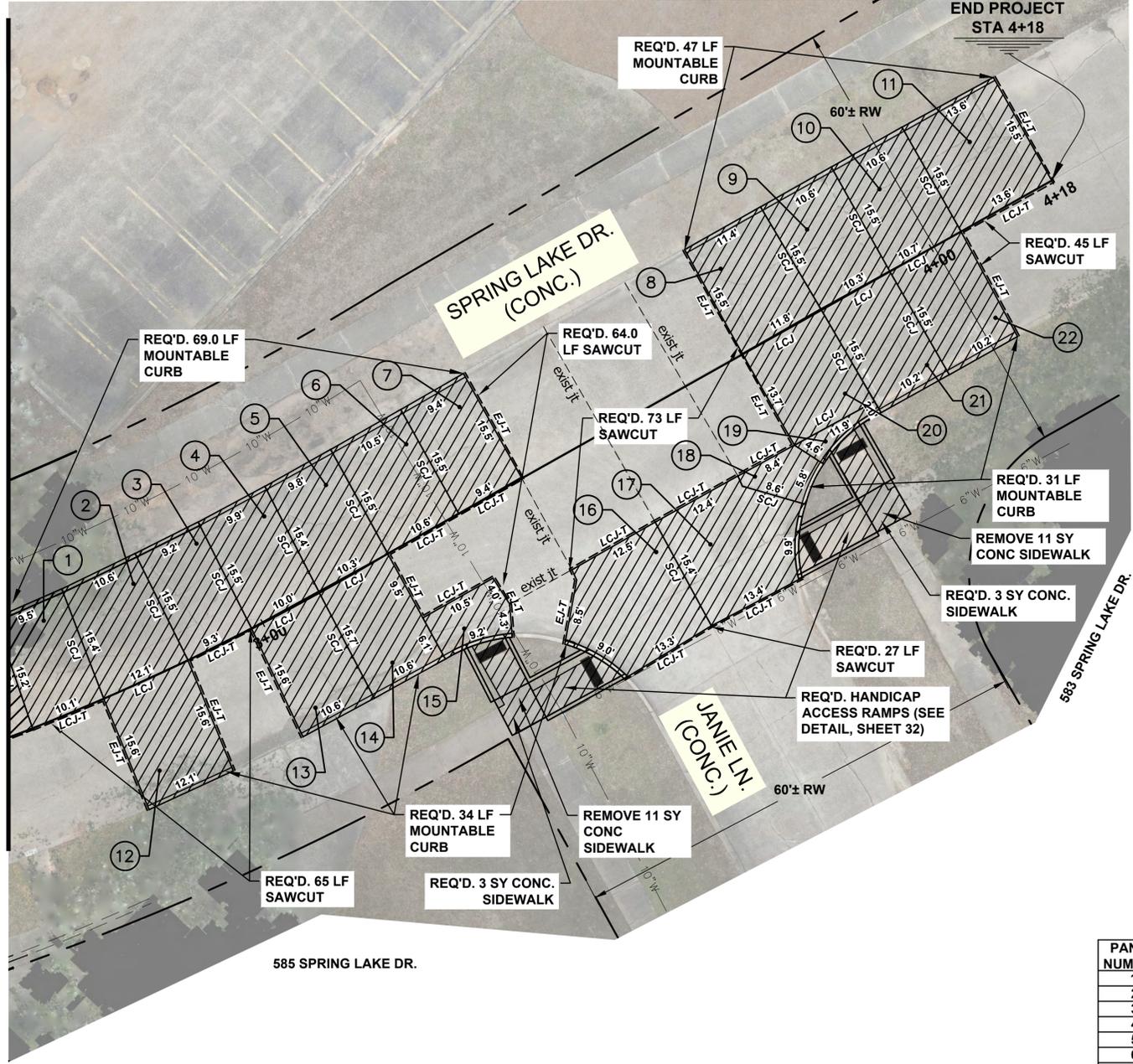
SPRING LAKE DRIVE CONC. PANEL REPLACEMENT PLAN (SHEET 1 OF 2)

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.



PIERREMONT OAKS TENNIS CLUB
578 SPRING LAKE DR.

MATCH LINE - STA. 2+63 - SEE SHEET 7



FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :

CONCRETE PANELS	380 SY	SAW CUTTING EXISTING CONC.	247 LF
CONC. CURB (BARRIER)	0.0 LF	CONC. CURB (MOUNTABLE)	181 LF
HANDICAP ACCESSIBLE RAMPS	4 EA	CONC. SIDEWALK	6 SY
REMOVE CONC. SIDEWALKS	22 SY		

PANEL NUMBER	REQUIRED SY CONC. PANEL
1	16.6
2	19.4
3	15.9
4	17.1
5	17.4
6	18.2
7	16.2
8	19.7
9	18.0
10	18.4
11	23.5
12	20.9
13	17.9
14	18.3
15	7.8
16	25.9
17	26.6
18	5.3
19	3.2
20	18.2
21	17.7
22	18.0
TOTAL	380.2

- LEGEND (TYPICAL, ALL SHEETS) :**
- exist jt --- EXISTING PAVEMENT JOINT
 - --- REQ'D. SAW CUT
 - /// PANEL REMOVAL
 - NEW CONCRETE PANEL
 - EJ TRANSVERSE EXPANSION JOINT
 - SCJ TRANSVERSE SAWN CONTRACTION JOINT OR CONSTRUCTION JOINT
 - LCJ LONGITUDINAL CONSTRUCTION JOINT
 - SLJ LONGITUDINAL JOINT (SAWN)
 - EJ-T TRANSVERSE EXPANSION JOINT (TIE-IN TO EXISTING PAVEMENT)
 - LCJ-T LONGITUDINAL JOINT (TIE-IN TO EXISTING PAVEMENT)

SEE SHEET 19 FOR SPRING LAKE DRIVE JOINT RESEALING PLAN
SPRING LAKE DRIVE CONC. PANEL REPLACEMENT PLAN (SHEET 2 OF 2)

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 2776 Mississippi
 Frisco, TX 75034

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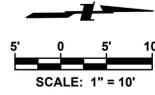


PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

SPRING LAKE DRIVE
PANEL REPLACEMENT PLAN



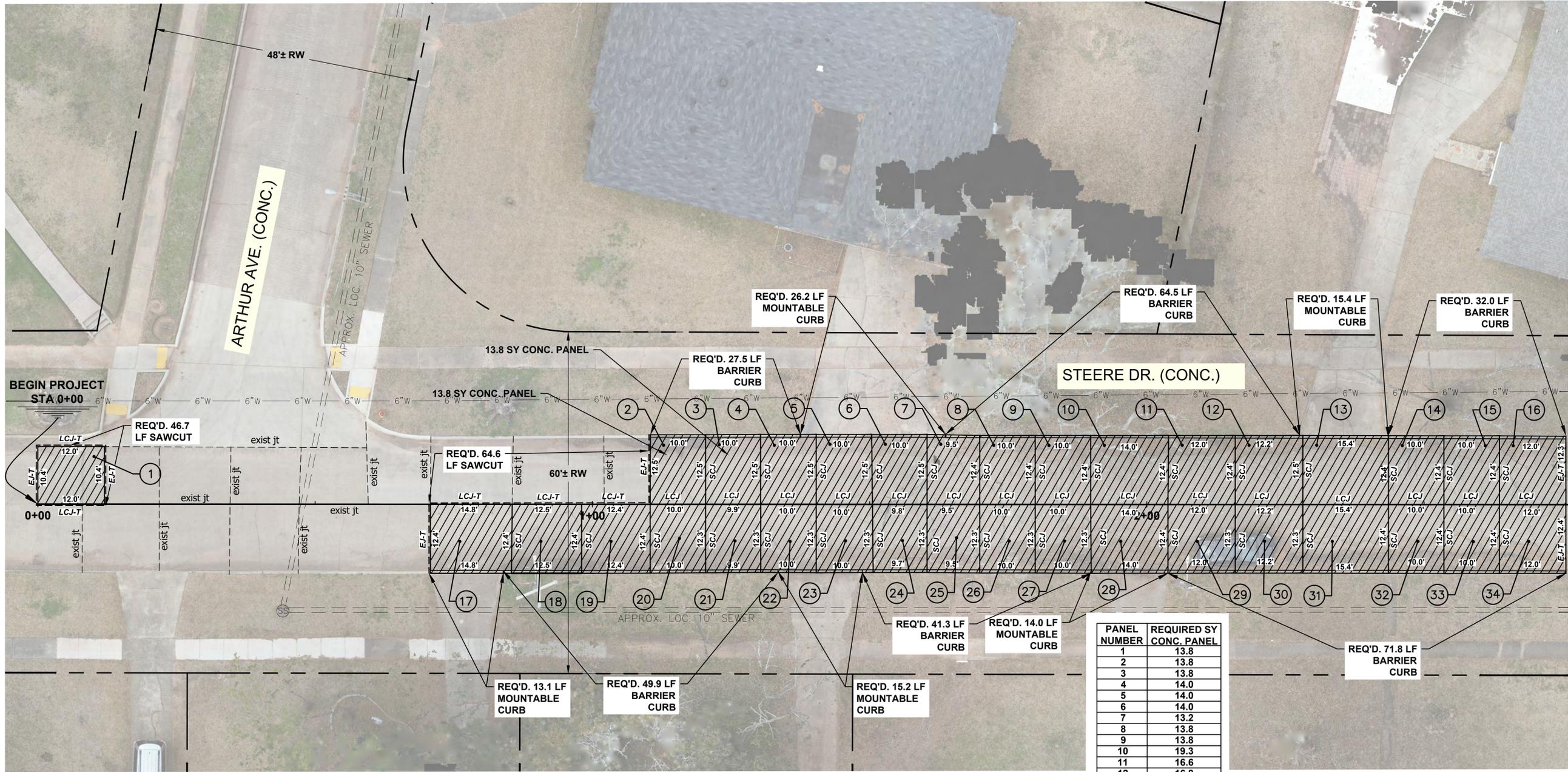
PROJECT NO: OE 2025-13
 DATE: JANUARY 19, 2026
 SHEET NO: **8**



351 ARTHUR AVE.

352 ARTHUR AVE.

351 PENNSYLVANIA AVE.



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 2776 Mississippi
 Frisco, Texas
 FIRM REGISTRATION NUMBER

MATCH LINE - STA. 2+75 - SEE SHEET 10

FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES:
 CONCRETE PANELS 523 SY SAW CUTTING EXISTING CONC. 111 LF
 CONC. CURB (BARRIER) 287 LF CONC. CURB (MOUNTABLE) 84 LF

PANEL NUMBER	REQUIRED SY CONC. PANEL
1	13.8
2	13.8
3	13.8
4	14.0
5	14.0
6	14.0
7	13.2
8	13.8
9	13.8
10	19.3
11	16.6
12	16.8
13	21.2
14	13.7
15	13.8
16	16.5
17	20.3
18	17.4
19	17.1
20	13.8
21	13.6
22	13.7
23	13.9
24	13.3
25	13.0
26	13.7
27	13.8
28	19.1
29	16.6
30	16.7
31	21.2
32	13.8
33	13.8
34	16.5
TOTAL	523.4

- LEGEND (TYPICAL, ALL SHEETS):
- exist jt --- EXISTING PAVEMENT JOINT
 - REQ'D. SAW CUT ---
 - /// PANEL REMOVAL
 - NEW CONCRETE PANEL
 - EJ TRANSVERSE EXPANSION JOINT
 - SCJ TRANSVERSE SAWN CONTRACTION JOINT OR CONSTRUCTION JOINT
 - LCJ LONGITUDINAL CONSTRUCTION JOINT
 - SLJ LONGITUDINAL JOINT (SAWN)
 - EJ-T TRANSVERSE EXPANSION JOINT (TIE-IN TO EXISTING PAVEMENT)
 - LCJ-T LONGITUDINAL JOINT (TIE-IN TO EXISTING PAVEMENT)

SEE SHEET 20 FOR STEERE DRIVE JOINT RESEALING PLAN

STEERE DRIVE CONC. PANEL REPLACEMENT PLAN (SHEET 1 OF 2)

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REV.	DATE	REVISION DESCRIPTION

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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

STEERE DRIVE
 PANEL REPLACEMENT PLAN

STATE OF LOUISIANA
 MARK ENOS OWEN
 License No. 28092
 PROFESSIONAL ENGINEER
 JANUARY 19, 2026

PROJECT NO: OE 2025-13

DATE: JANUARY 19, 2026

SHEET NO. 9



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 2776 Mississippi
 Prichard, Louisiana
 REGISTRATION NUMBER: 2776

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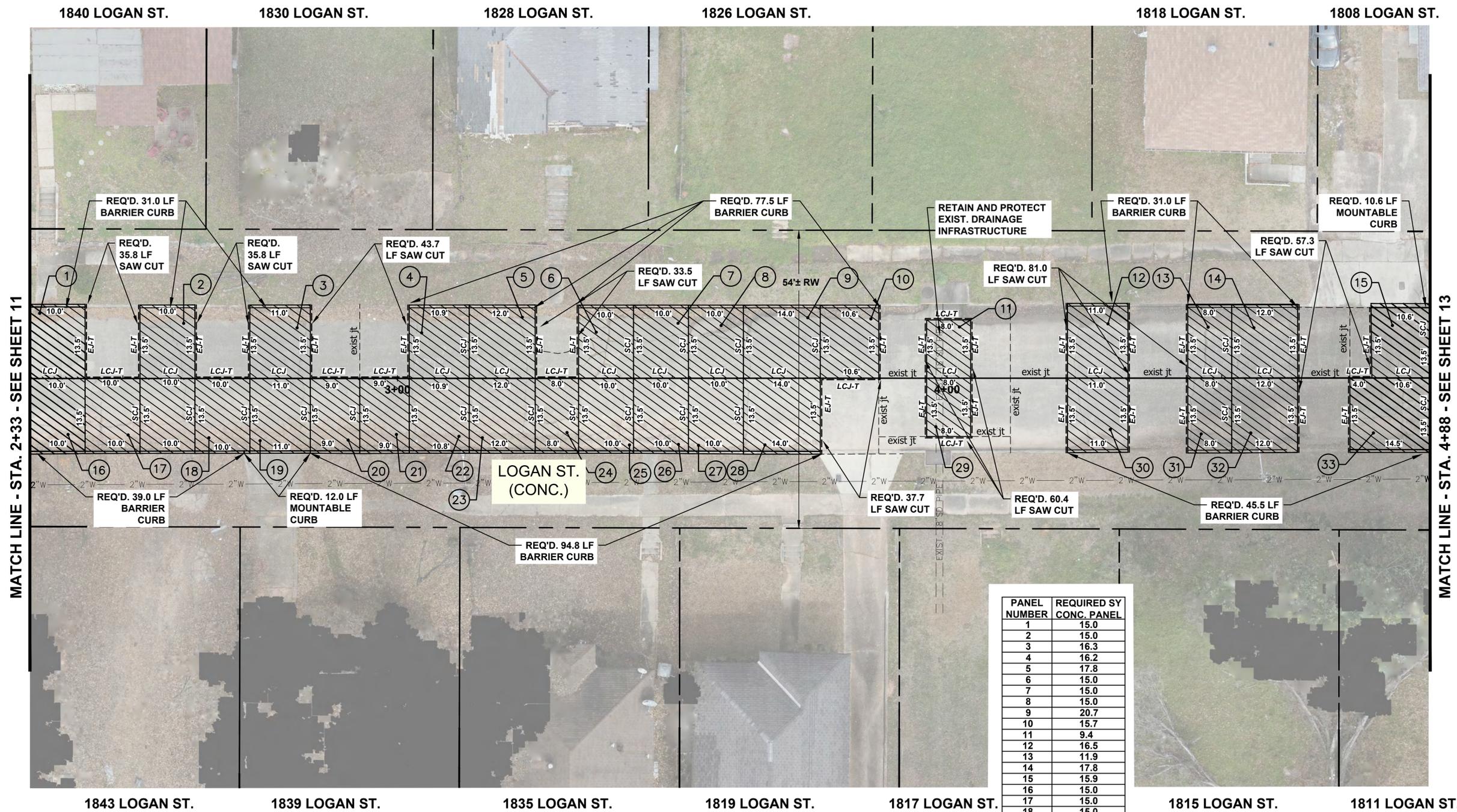
PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
 LOGAN STREET
 PANEL REPLACEMENT PLAN



PROJECT NO: OE 2025-13

DATE: JANUARY 19, 2026

SHEET NO.



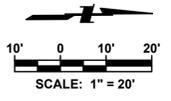
PANEL NUMBER	REQUIRED BY CONC. PANEL
1	15.0
2	15.0
3	16.3
4	16.2
5	17.8
6	15.0
7	15.0
8	15.0
9	20.7
10	15.7
11	9.4
12	16.5
13	11.9
14	17.8
15	15.9
16	15.0
17	15.0
18	15.0
19	16.6
20	13.6
21	13.6
22	16.5
23	18.1
24	11.9
25	15.0
26	15.0
27	15.0
28	21.4
29	9.4
30	16.5
31	12.1
32	18.1
33	21.8
TOTAL	512.8

FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES:
 CONCRETE PANELS 513 SY SAW CUTTING EXISTING CONC. 385 LF
 CONC. CURB (BARRIER) 331 LF CONC. CURB (MOUNTABLE) 11 LF

SEE SHEET 23 FOR LOGAN STREET JOINT RESEALING PLAN

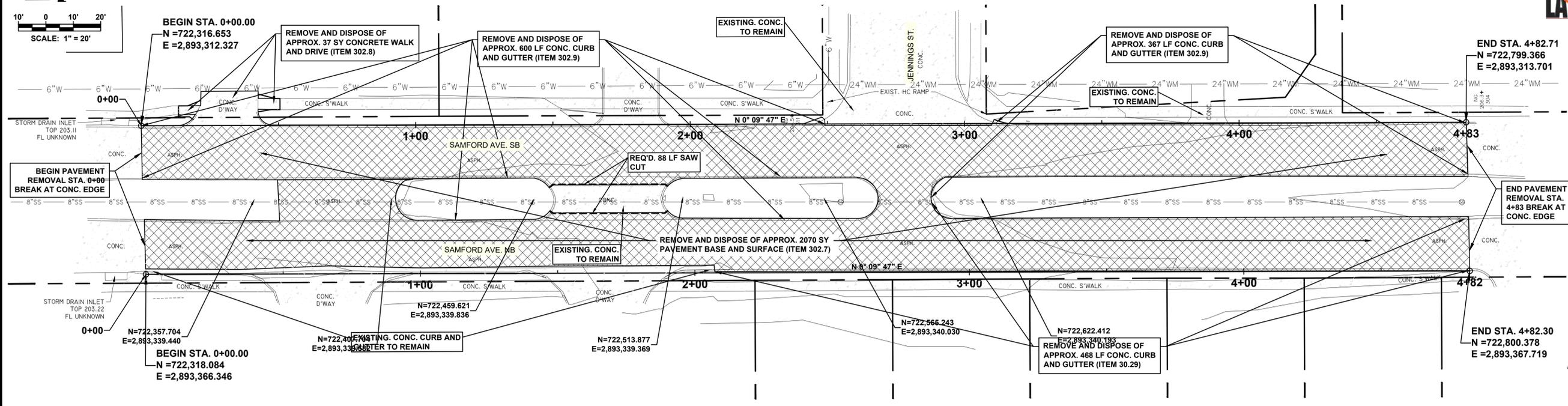
LOGAN STREET CONC. PANEL REPLACEMENT PLAN (SHEET 2 OF 3)

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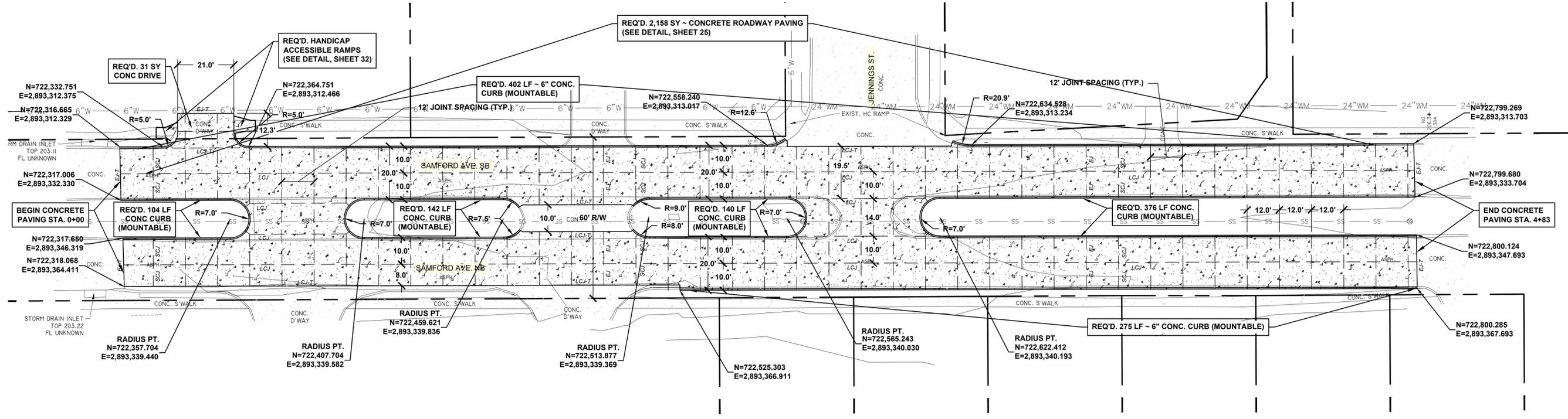
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 PROFESSIONAL ENGINEER



SAMFORD AVENUE - DEMOLITION PLAN AND GEOMETRIC LAYOUT

- LEGEND (TYPICAL, ALL SHEETS) :
- PAVEMENT AND BASE REMOVAL
 - REQ'D. SAW CUT
 - EJ TRANSVERSE EXPANSION JOINT
 - SCJ TRANSVERSE SAWN CONTRACTION JOINT OR CONSTRUCTION JOINT
 - LCJ LONGITUDINAL CONSTRUCTION JOINT
 - SLJ LONGITUDINAL JOINT (SAWN)
 - EJ-T TRANSVERSE EXPANSION JOINT (TIE-IN TO EXISTING PAVEMENT)
 - LCJ-T LONGITUDINAL JOINT (TIE-IN TO EXISTING PAVEMENT)



SAMFORD AVENUE - DIMENSIONED ROADWAY PLAN

REV.	DATE	REVISION DESCRIPTION



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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
**SAMFORD AVENUE
 STREET RECONSTRUCTION**



PROJECT NO: OE 2025-13
 DATE: JANUARY 19, 2026
 SHEET NO.

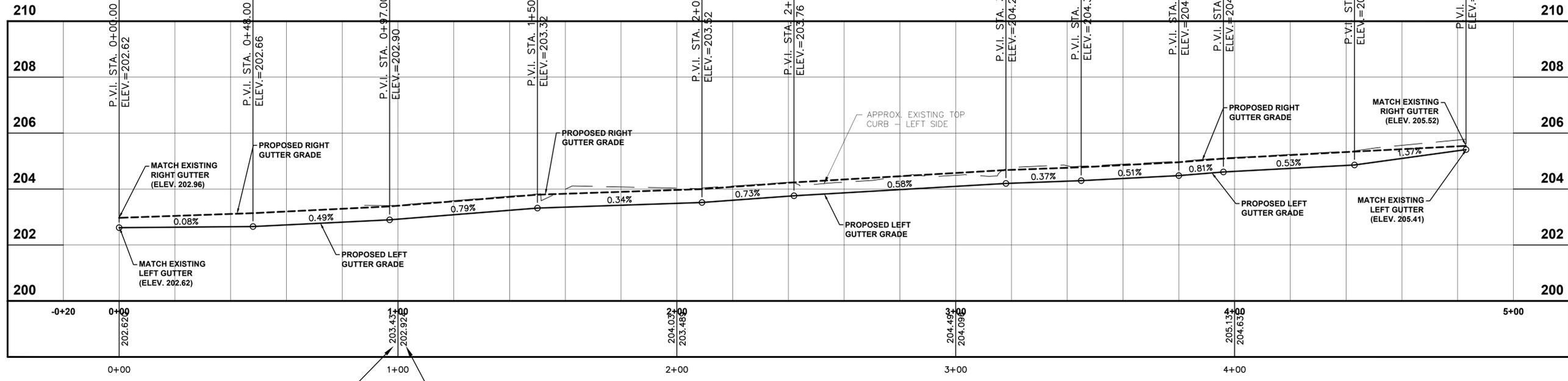
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10' 0 10' 20'
 SCALE: 1" = 20' (HORIZ.)
 SCALE: 1" = 2' (VERT.)



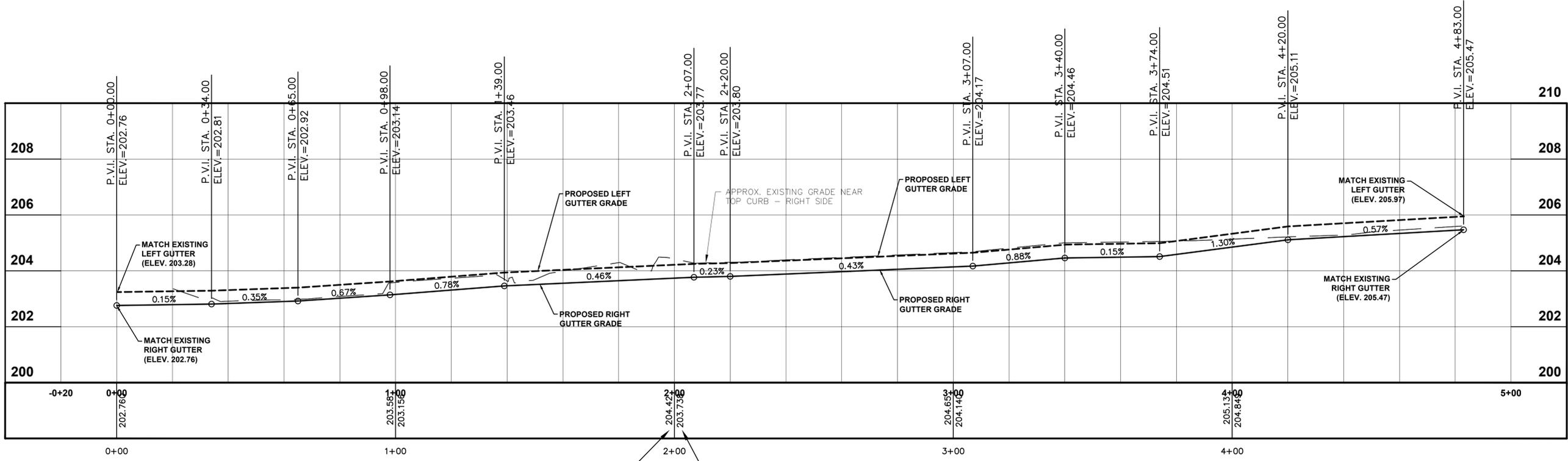
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 E. 000046 (Louisiana Engineer)
 BALAR ASSOCIATES, INC.
 2775 Mississippi
 Frisco, TX 75034
 P.E. 000046 (Mississippi)
 P.E. 000046 (Texas)



APPROX. EXISTING TOP CURB - LEFT SIDE
 PROPOSED LEFT GUTTER GRADE

SAMFORD AVENUE - SOUTHBOUND PROFILE



APPROX. EXISTING GROUND NEAR TOP CURB - RIGHT SIDE
 PROPOSED RIGHT GUTTER GRADE

SAMFORD AVENUE - NORTHBOUND PROFILE

REV.	DATE	REVISION DESCRIPTION

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 BALAR ASSOCIATES, INC.
 Louisiana Registration No. 64

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 PHONE: 318-221-8312
 E-MAIL: balar@balar-engineers.com

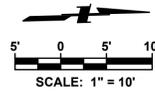


PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
**SAMFORD AVENUE
 STREET RECONSTRUCTION**



PROJECT NO:
 OE 2025-13
 DATE:
 JANUARY 19, 2026
 SHEET NO.

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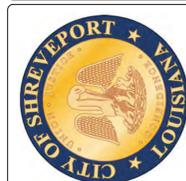
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 E. F. OWEN (Professional Engineer)
 2776 (Mississippi)
 2776 (Louisiana)
 2776 (Texas)

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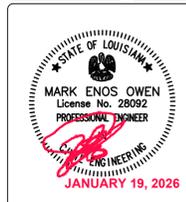
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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

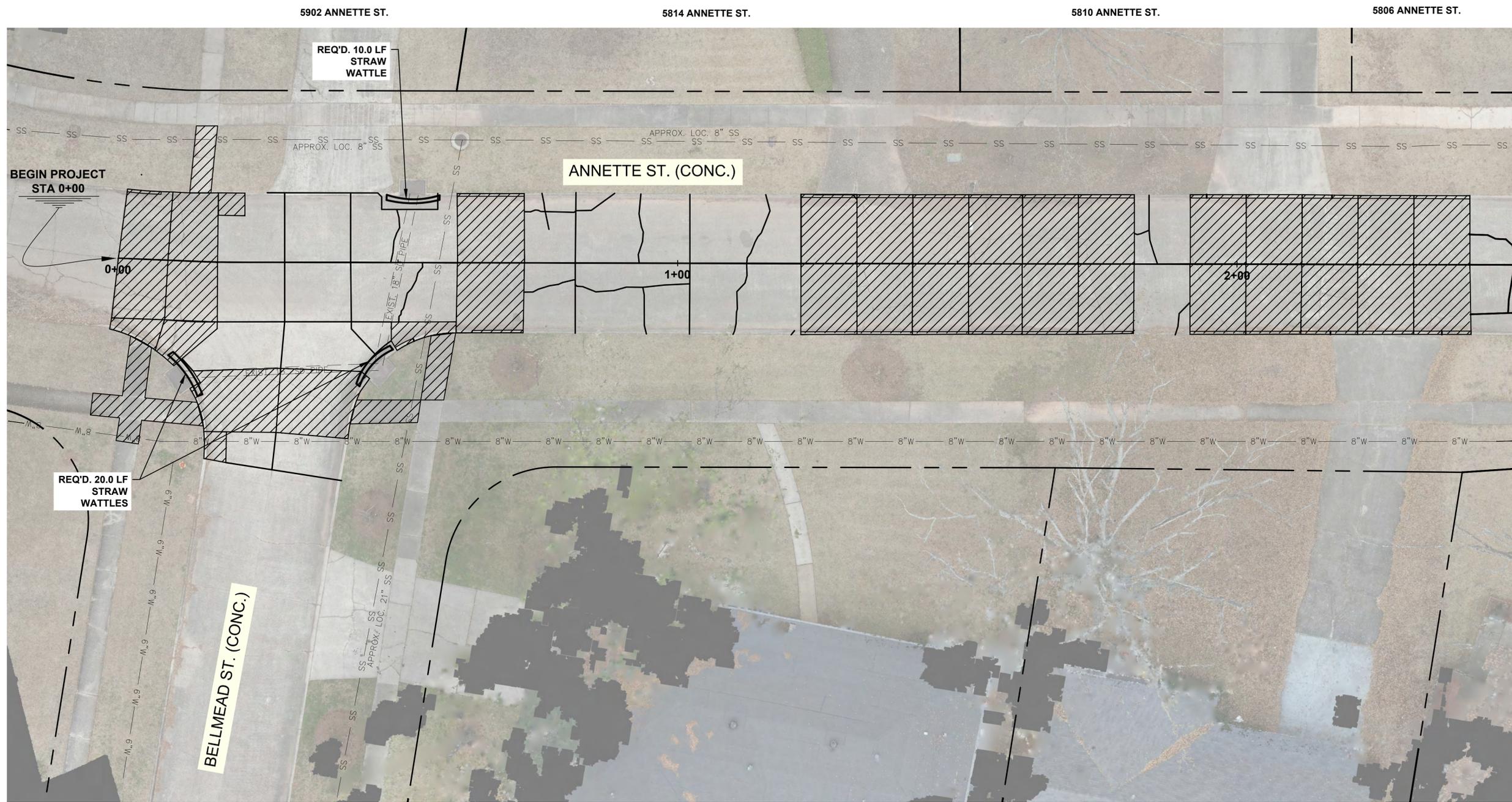
ANNETTE STREET
 JOINT SEAL AND SWEEP PLAN



PROJECT NO:
 OE 2025-13

DATE:
 JANUARY 19, 2026

SHEET NO.
 16



FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :

TRANSVERSE JOINTS	114 LF	RANDOM CRACKS	186 LF
LONGITUDINAL JOINTS	164 LF		
STRAW WATTLES	30 LF		

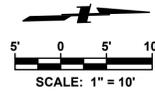
LEGEND (TYPICAL, ALL JT. SEALING SHEETS) :

- PANEL / SIDEWALK REMOVAL AND REPLACEMENT
- EXISTING JOINTS
- JOINTS TO SEAL
- RANDOM CRACKS TO SEAL
- STRAW WATTLE

SEE SHEET 5 FOR ANNETTE STREET PANEL REPLACEMENT PLAN

ANNETTE STREET JOINT RESEALING AND SWEEP PLAN (SHEET 1 OF 2)

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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

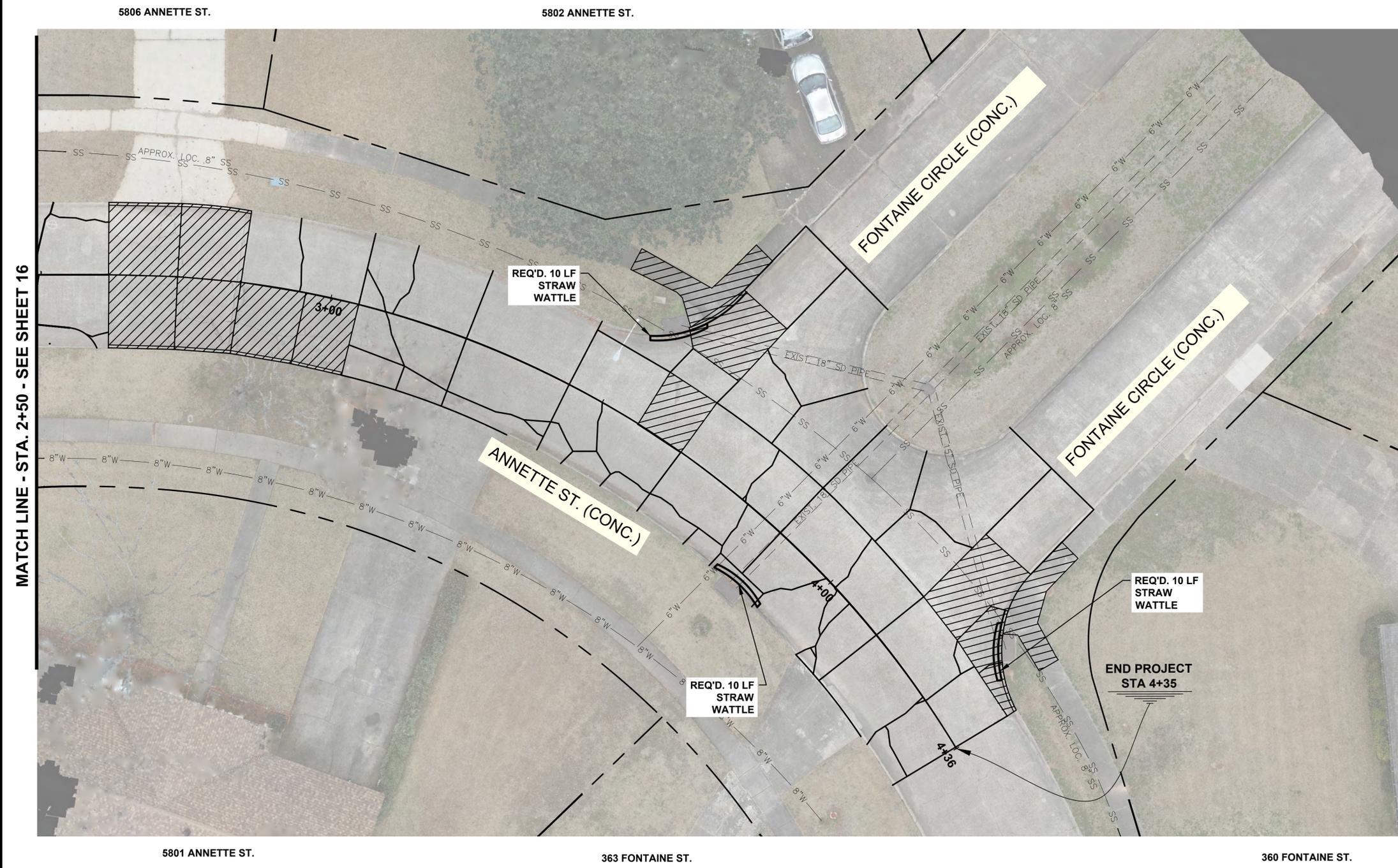
ANNETTE STREET JOINT RESEALING AND SWEP PLAN



PROJECT NO:
OE 2025-13

DATE:
JANUARY 19, 2026

SHEET NO.
17



MATCH LINE - STA. 2+50 - SEE SHEET 16

364 FONTAINE ST.

FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :

TRANSVERSE JOINTS	196 LF	RANDOM CRACKS	375 LF
LONGITUDINAL JOINTS	318 LF	STRAW WATTLES	30 LF

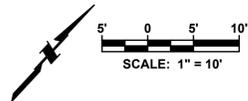
LEGEND (TYPICAL, ALL JT. SEALING SHEETS) :

- PANEL / SIDEWALK REMOVAL AND REPLACEMENT
- EXISTING JOINTS
- JOINTS TO SEAL
- RANDOM CRACKS TO SEAL
- STRAW WATTLE

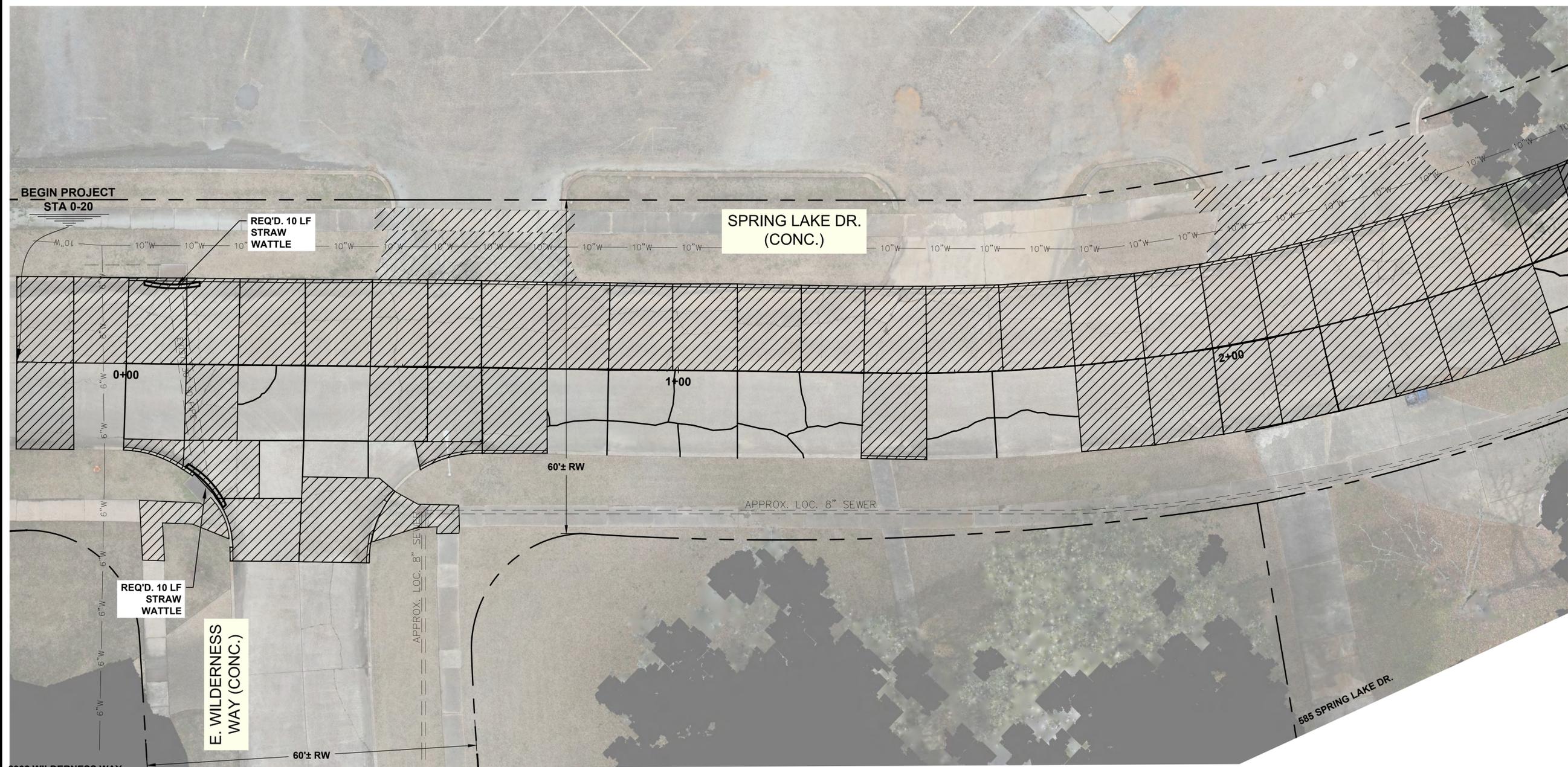
SEE SHEET 6 FOR ANNETTE STREET PANEL REPLACEMENT PLAN

ANNETTE STREET JOINT RESEALING AND SWEP PLAN (SHEET 2 OF 2)

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578 SPRING LAKE DR.



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 E. OWEN (Professional Engineer)
 BALAK ASSOCIATES, INC.
 2775 Mississippi
 Frisco, Texas
 REGISTRATION NUMBER: 00000000

MATCH LINE - STA. 2+63 - SEE SHEET 19

589 SPRING LAKE DR.

FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :

TRANSVERSE JOINTS	48 LF	RANDOM CRACKS	231 LF
LONGITUDINAL JOINTS	127 LF		
STRAW WATTLES	30 LF		

LEGEND (TYPICAL, ALL JT. SEALING SHEETS) :

- PANEL / SIDEWALK REMOVAL AND REPLACEMENT
- EXISTING JOINTS
- JOINTS TO SEAL
- RANDOM CRACKS TO SEAL
- STRAW WATTLE

SEE SHEET 7 FOR SPRING LAKE DRIVE PANEL REPLACEMENT PLAN

SPRING LAKE DRIVE JOINT RESEALING AND SWEP PLAN (SHEET 1 OF 2)

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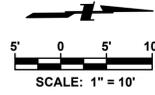
PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
**SPRING LAKE DRIVE
 JOINT RESEALING AND SWEP PLAN**



PROJECT NO:
OE 2025-13

DATE:
JANUARY 19, 2026

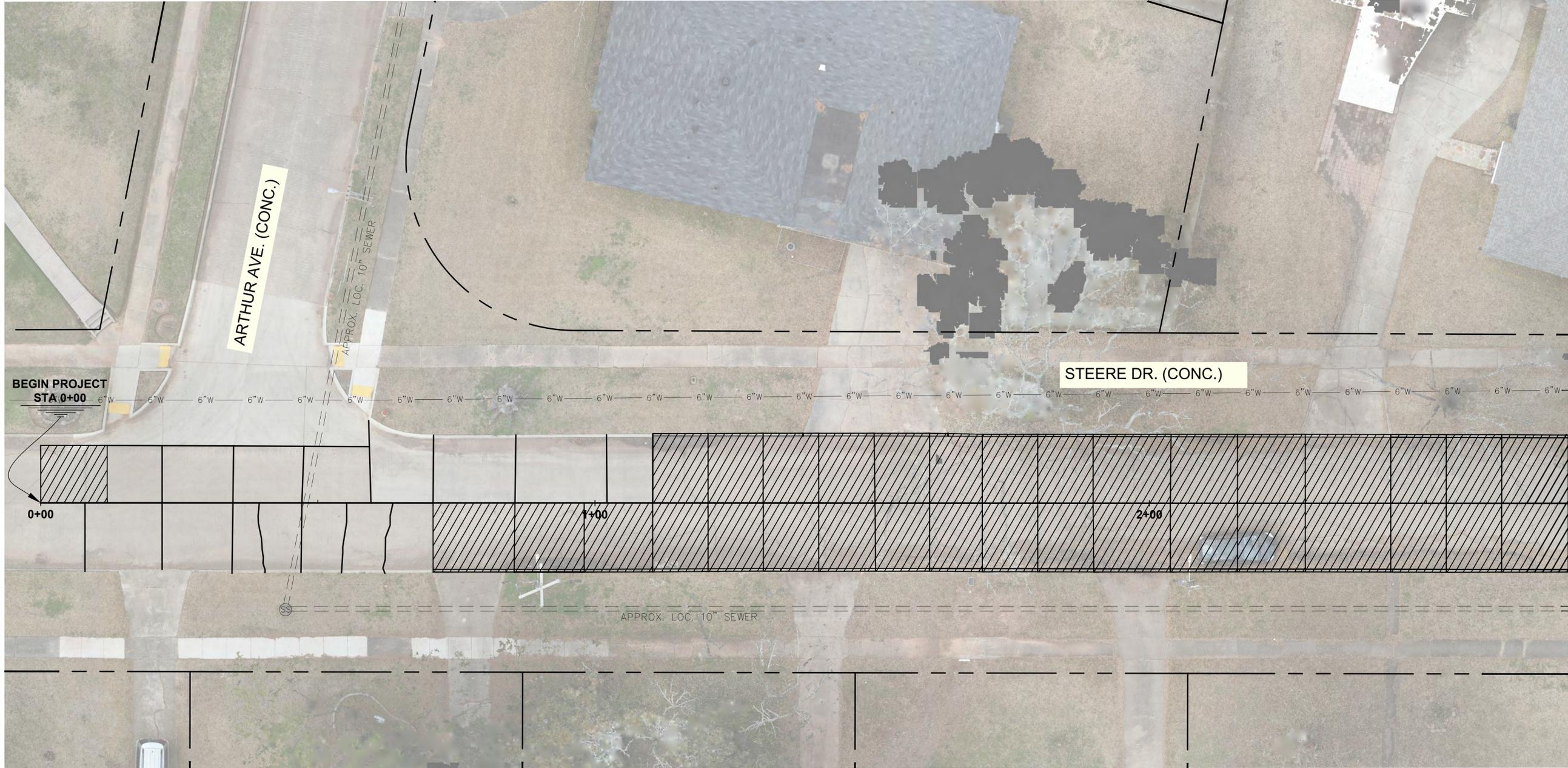
SHEET NO.
18



351 ARTHUR AVE.

352 ARTHUR AVE.

351 PENNSYLVANIA AVE.



BEGIN PROJECT
STA. 0+00

STEERE DR. (CONC.)

ARTHUR AVE. (CONC.)

APPROX. LOC. 10" SEWER

APPROX. LOC. 10" SEWER

4503 STEERE DR.

4415 STEERE DR.

4411 STEERE DR.

4407 STEERE DR.

4403 STEERE DR.

FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :
 TRANSVERSE JOINTS 156 LF
 LONGITUDINAL JOINTS 106 LF RANDOM CRACKS 38 LF

LEGEND (TYPICAL, ALL JT. SEALING SHEETS) :

-  PANEL REMOVAL AND REPLACEMENT
-  EXISTING JOINTS
-  JOINTS TO SEAL
-  RANDOM CRACKS TO SEAL
-  STRAW WATTLE

SEE SHEET 9 FOR STEERE DRIVE PANEL REPLACEMENT PLAN

STEERE DRIVE JOINT RESEALING PLAN (SHEET 1 OF 2)

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 2775 (Mississippi)
 2775 (Louisiana)

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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

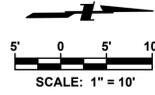
STEERE DRIVE
 JOINT RESEALING PLAN



PROJECT NO:
OE 2025-13

DATE:
JANUARY 19, 2026

SHEET NO.
20

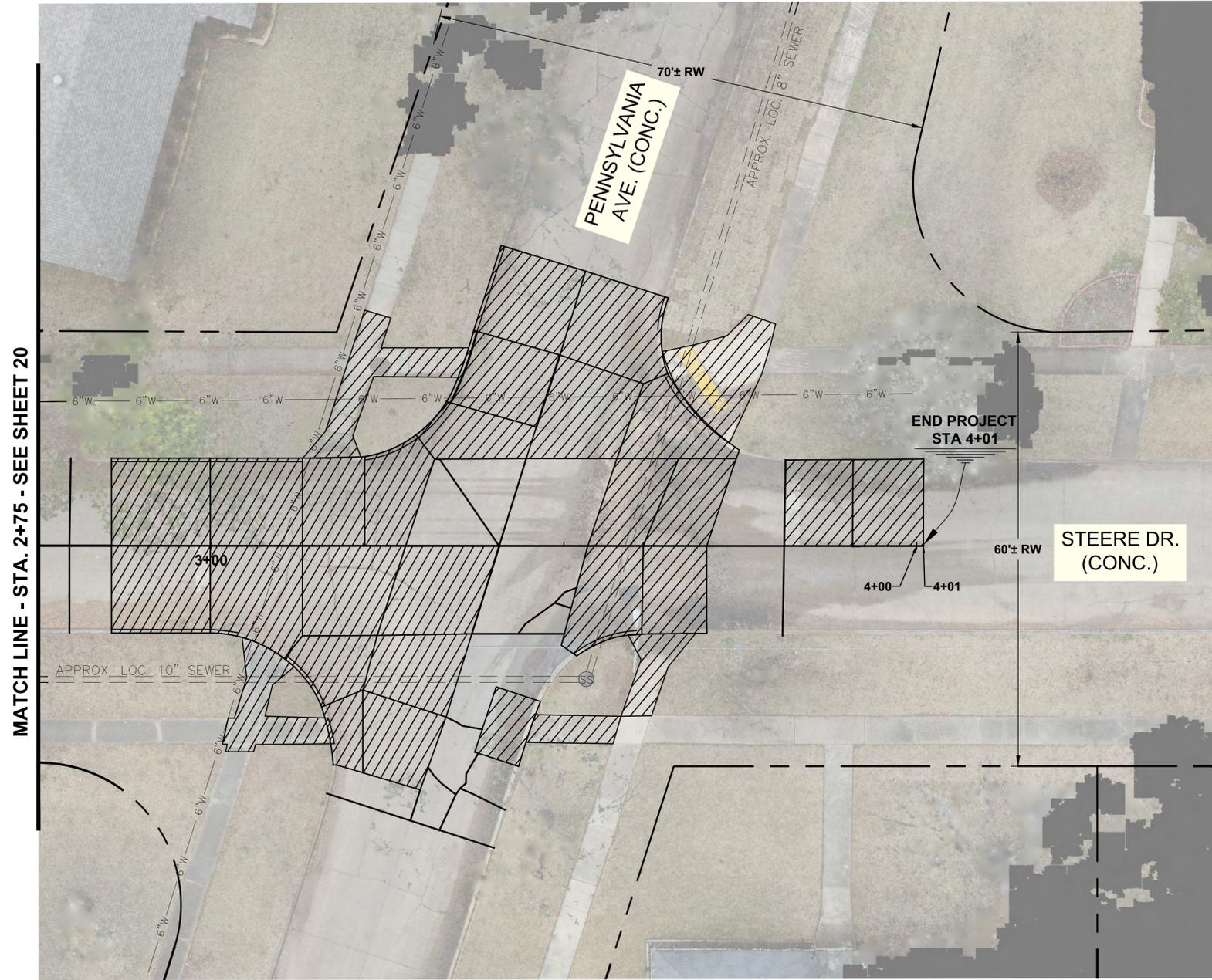


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 REGISTRATION NUMBER: 2776 (Mississippi)
 F. J. OWEN, P.E. (Louisiana Engineer)

351 PENNSYLVANIA AVE. 352 PENNSYLVANIA AVE.



MATCH LINE - STA. 2+75 - SEE SHEET 20

4403 STEERE DR.

4327 STEERE DR.

FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :
 TRANSVERSE JOINTS 103 LF
 LONGITUDINAL JOINTS 65 LF RANDOM CRACKS 44 LF

LEGEND (TYPICAL, ALL JT. SEALING SHEETS) :

- PANEL REMOVAL AND REPLACEMENT
- EXISTING JOINTS
- JOINTS TO SEAL
- RANDOM CRACKS TO SEAL
- STRAW WATTLE

SEE SHEET 10 FOR STEERE DRIVE PANEL REPLACEMENT PLAN
 STEERE DRIVE JOINT RESEALING PLAN (SHEET 2 OF 2)

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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

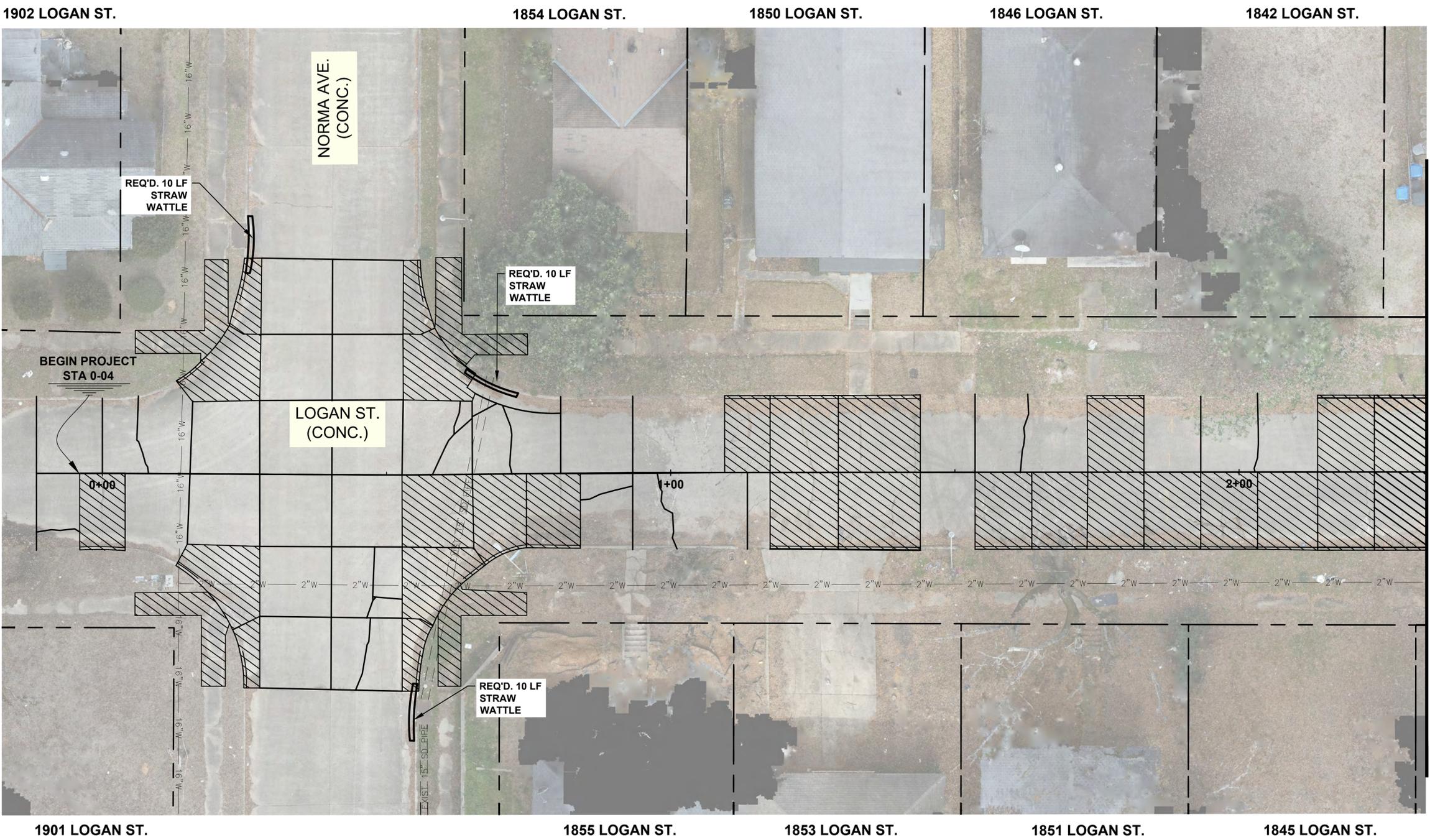
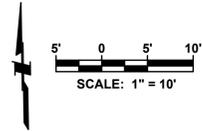
**STEERE DRIVE
 JOINT RESEALING PLAN**



PROJECT NO:
 OE 2025-13

DATE:
 JANUARY 19, 2026

SHEET NO.
21



MATCH LINE - STA. 2+33 - SEE SHEET 23

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 F. J. OWEN, P.E. (Louisiana Engineer)
 REGISTRATION NO. 1702 (Texas)

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PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001

**LOGAN STREET
JOINT SEALING AND SWEEP PLAN**

FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :
 TRANSVERSE JOINTS 285 LF
 LONGITUDINAL JOINTS 207 LF RANDOM CRACKS 142 LF
 STRAW WATTLES 30 LF

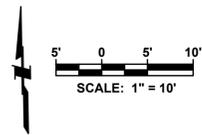
- LEGEND (TYPICAL, ALL JT. SEALING SHEETS) :
- PANEL / SIDEWALK REMOVAL AND REPLACEMENT
 - EXISTING JOINTS
 - JOINTS TO SEAL
 - RANDOM CRACKS TO SEAL
 - STRAW WATTLE



PROJECT NO: OE 2025-13
 DATE: JANUARY 19, 2026
 SHEET NO.

SEE SHEET 11 FOR LOGAN STREET PANEL REPLACEMENT PLAN
LOGAN STREET JOINT SEALING AND SWEEP PLAN (SHEET 1 OF 3)

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F. OWEN, P.E. (Louisiana Engineer)
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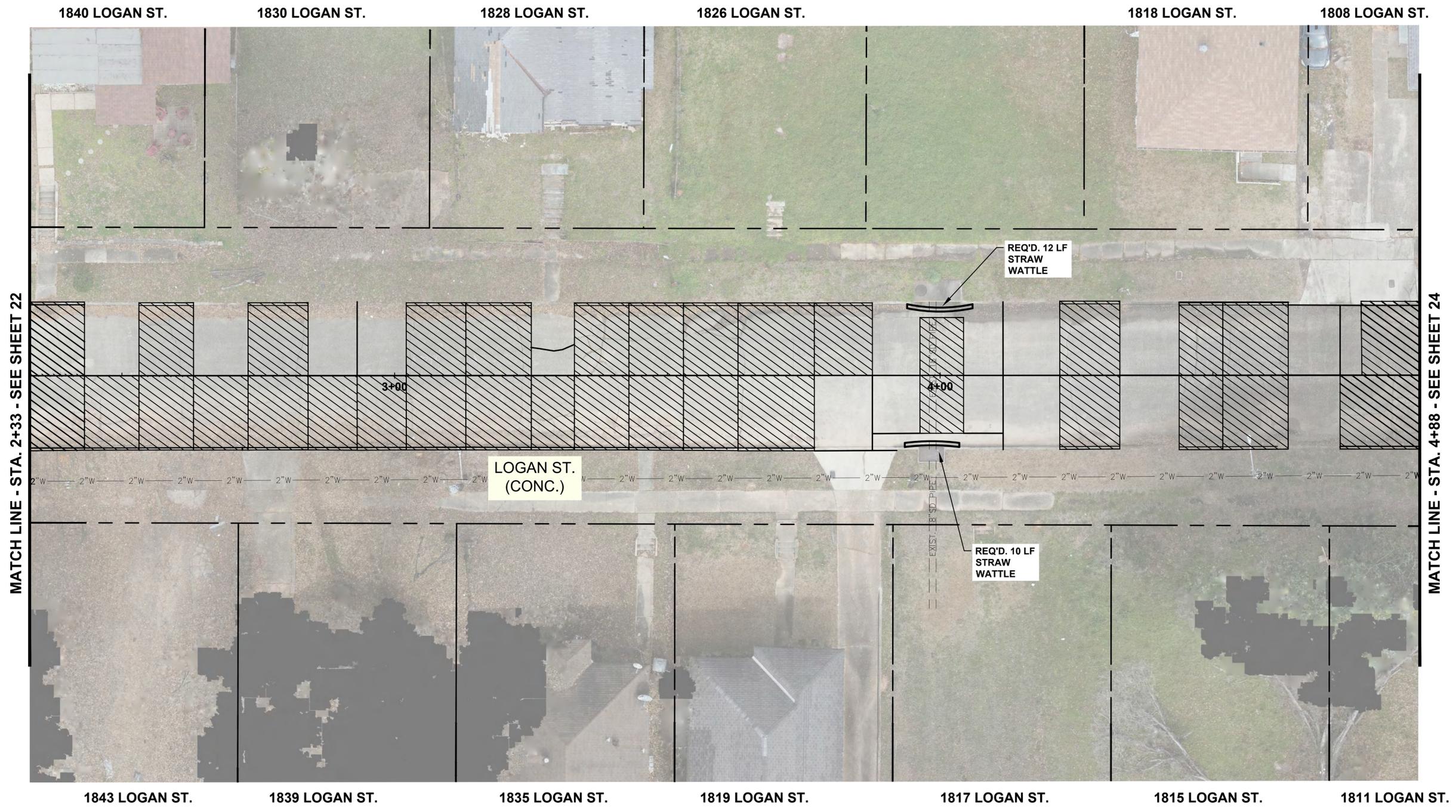


PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001

**LOGAN STREET
JOINT SEALING AND SWEP PLAN**



PROJECT NO: OE 2025-13
DATE: JANUARY 19, 2026
SHEET NO: **23**



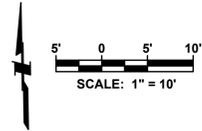
FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :
 TRANSVERSE JOINTS 78 LF
 LONGITUDINAL JOINTS 47 LF
 STRAW WATTLES 22 LF
 RANDOM CRACKS 8 LF

- LEGEND (TYPICAL, ALL JT. SEALING SHEETS) :
- PANEL REMOVAL AND REPLACEMENT
 - EXISTING JOINTS
 - JOINTS TO SEAL
 - RANDOM CRACKS TO SEAL
 - STRAW WATTLE

SEE SHEET 12 FOR LOGAN STREET PANEL REPLACEMENT PLAN

LOGAN STREET JOINT SEALING AND SWEP PLAN (SHEET 2 OF 3)

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1808 LOGAN ST.

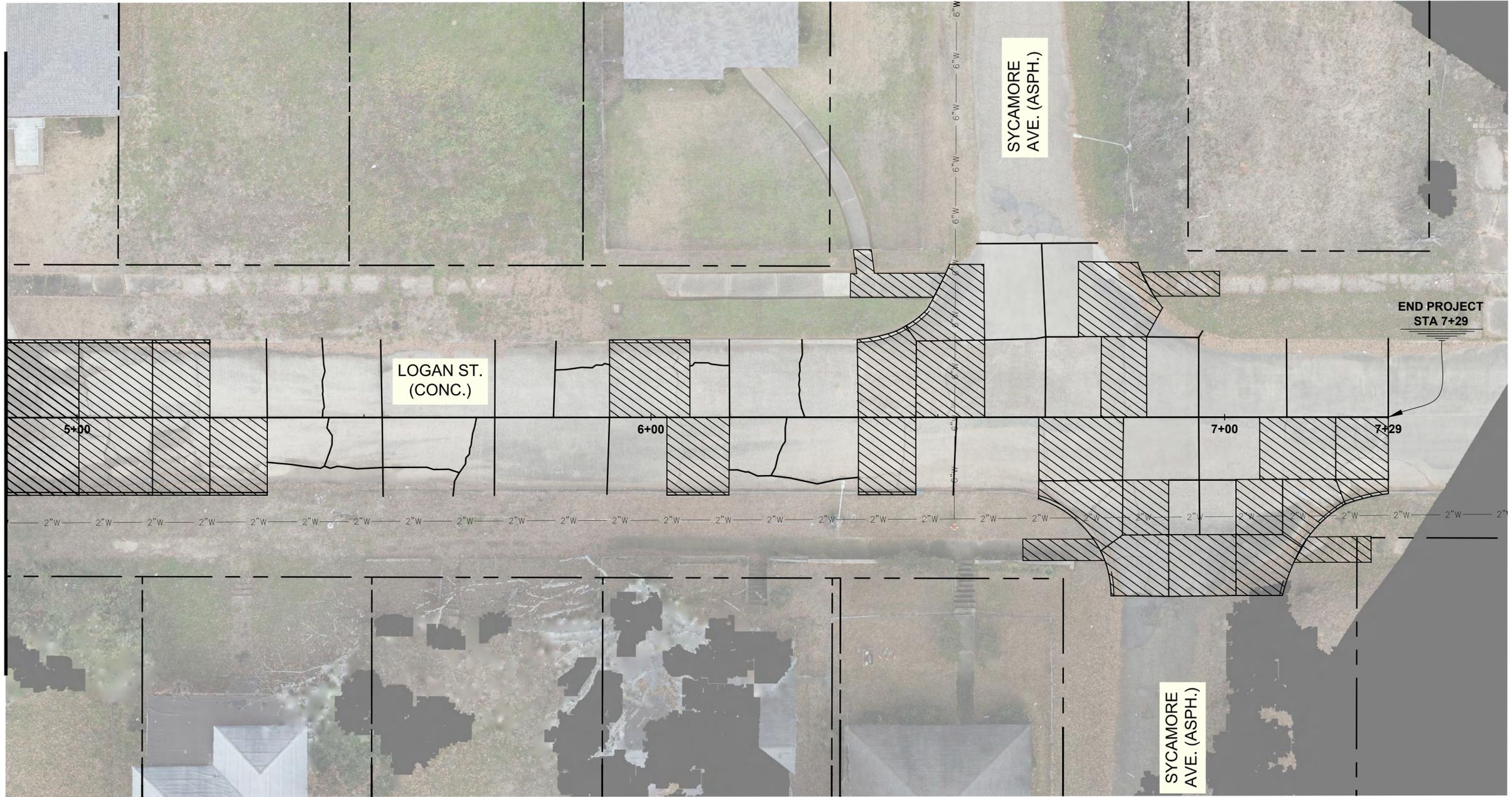
1806 LOGAN ST.

1804 LOGAN ST.

1802 LOGAN ST.

1740 LOGAN ST.

MATCH LINE - STA. 4+88 - SEE SHEET 23



1811 LOGAN ST.

1809 LOGAN ST.

1807 LOGAN ST.

1803 LOGAN ST.

1801 LOGAN ST.

1739 LOGAN ST.

FOR INFORMATIONAL PURPOSES ONLY - APPROX. QUANTITIES :
 TRANSVERSE JOINTS 206 LF
 LONGITUDINAL JOINTS 165 LF RANDOM CRACKS 136 LF

LEGEND (TYPICAL, ALL JT. SEALING SHEETS) :

- PANEL / SIDEWALK REMOVAL AND REPLACEMENT
- EXISTING JOINTS
- JOINTS TO SEAL
- RANDOM CRACKS TO SEAL
- STRAW WATTLE

SEE SHEET 13 FOR LOGAN STREET PANEL REPLACEMENT PLAN

LOGAN STREET JOINT SEALING PLAN (SHEET 3 OF 3)

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 F. 00001 (Texas)

REV.	DATE	REVISION DESCRIPTION

BALAR

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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

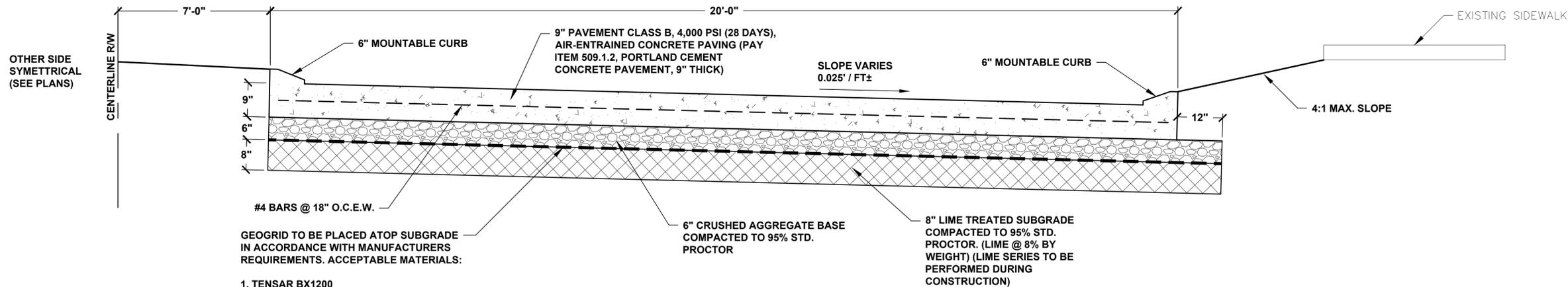
LOGAN STREET
 JOINT SEALING PLAN



PROJECT NO:
OE 2025-13

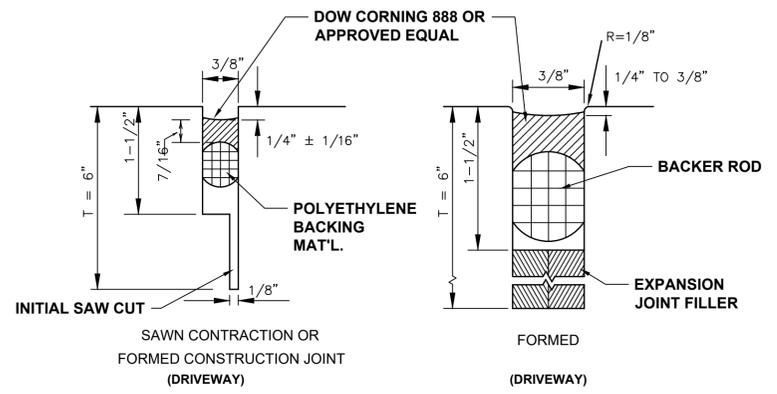
DATE:
JANUARY 19, 2026

SHEET NO.
24

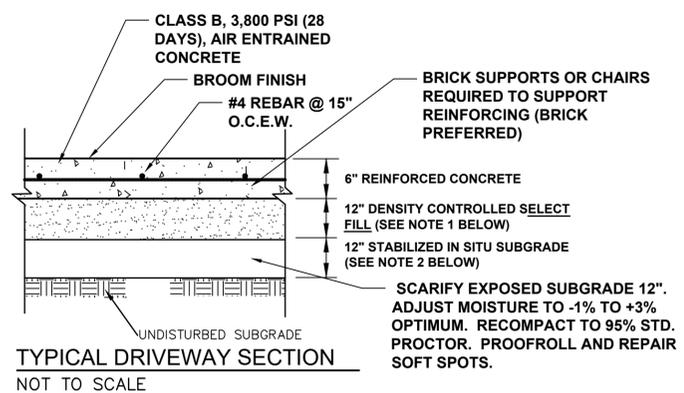
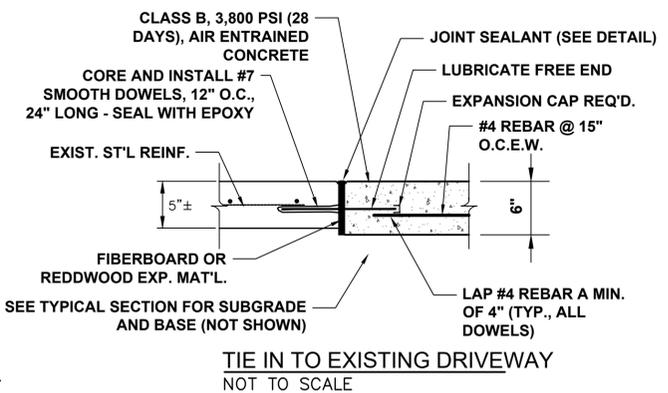
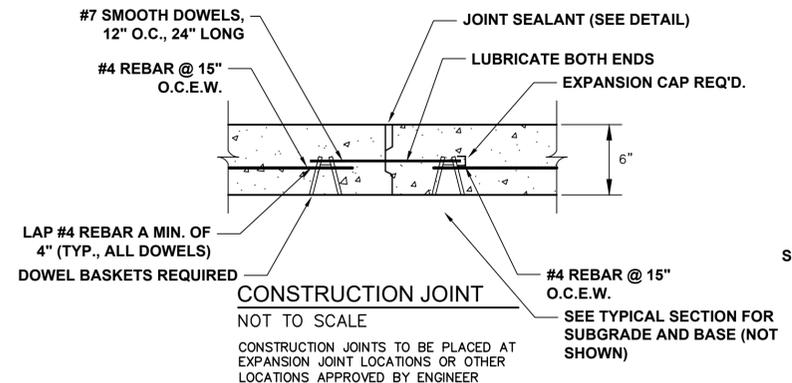
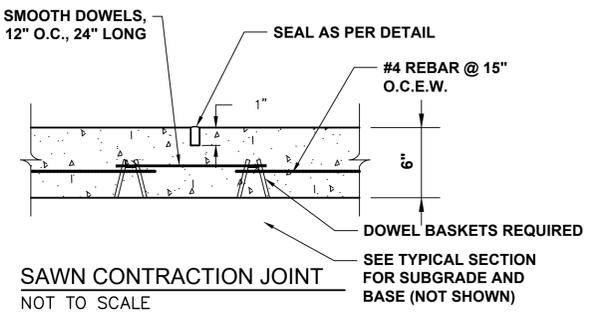
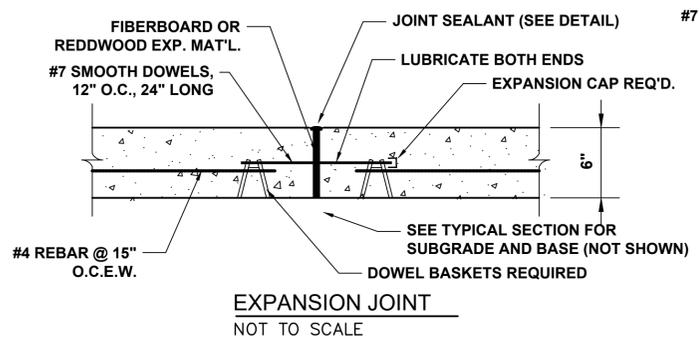


TYPICAL NORTHBOUND ROADWAY SECTION (SAMFORD ST.) (SOUTHBOUND SIMILAR)
SCALE : 3/4" = 1'-0"

THIS SECTION NOT APPLICABLE TO PANEL REPLACEMENT STREETS. SEE SHEET 28 FOR PANEL REPLACEMENT STREET TYPICAL SECTION.



JOINT SEAL DETAILS
NOT TO SCALE



DRIVEWAY DETAILS
SCALE : 3/4" = 1'-0"

NOTE 1: SELECT FILL TO BE SANDY CLAY OR CLAYEY SAND HAVING A P.I. BETWEEN 5 AND 18, A LIQUID LIMIT NO GREATER THAN 35, AND NO MORE THAN 65% PASSING A NO. 200 SIEVE, COMPACTED IN 8" LOOSE LIFTS TO 95% STD. PROCTOR IN 8" (MAX.) LOOSE LIFTS AT -2% TO +3% OPTIMUM MOISTURE.

NOTE 2: TO REPLACE SOFT SPOTS, AND WHERE FILL IS REQUIRED, IMPORT SANDY CLAY OR CLAYEY SAND MEETING THE REQUIREMENTS OF SELECT FILL IN NOTE 1 ABOVE.

SAMFORD AVENUE - TYPICAL SECTION AND DRIVEWAY DETAILS



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PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001

SAMFORD AVENUE TYPICAL SECTION AND DRIVEWAY DETAILS

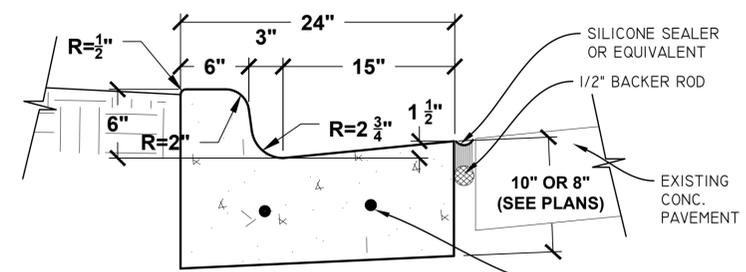


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DATE: JANUARY 19, 2026
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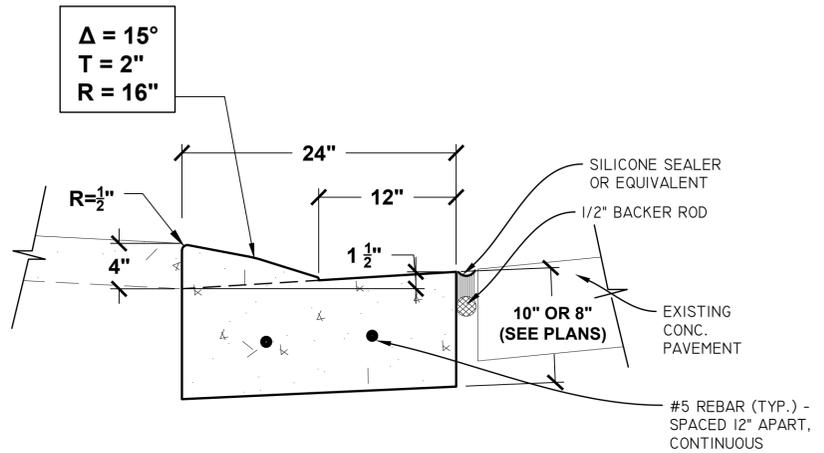
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 Frisco, TX 75034



24" CURB AND GUTTER (BARRIER TYPE)
 (PAID FOR IN ITEM 605.1, LF)
 N.T.S.



24" CURB AND GUTTER (MOUNTABLE TYPE)
 (PAID FOR IN ITEM 605.1, LF)
 N.T.S.

SEE SHEET 25 FOR TYPICAL SECTION.

THESE DETAILS TO BE USED WHERE CURB AND GUTTER IS REQUIRED THAT IS NOT PART OF A PANEL REPAIR.

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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
SAMFORD AVENUE
DETAILS



PROJECT NO:
 OE 2025-13

DATE:
 JANUARY 19, 2026

SHEET NO.
26

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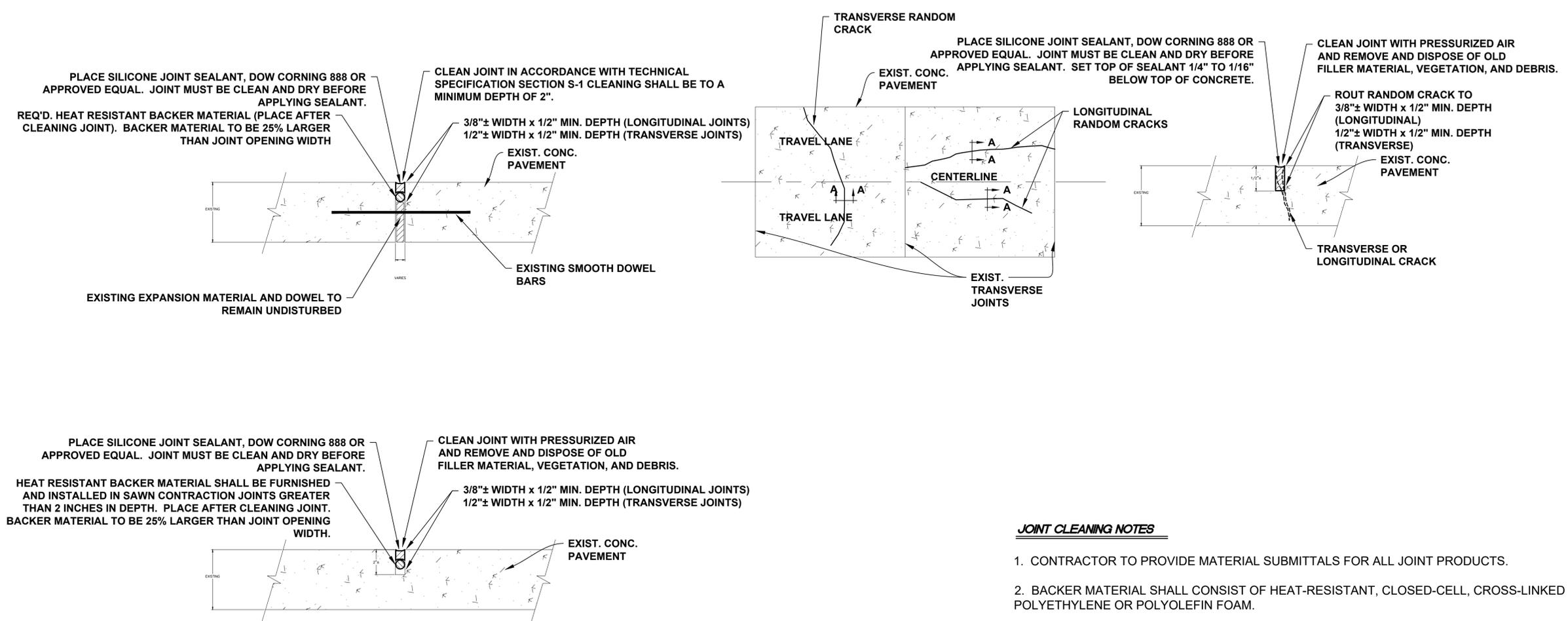
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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
**JOINT CLEANING AND RESEALING
 DETAILS**



PROJECT NO:
 OE 2025-13
 DATE:
 JANUARY 19, 2026
 SHEET NO.



- JOINT CLEANING NOTES**
- CONTRACTOR TO PROVIDE MATERIAL SUBMITTALS FOR ALL JOINT PRODUCTS.
 - BACKER MATERIAL SHALL CONSIST OF HEAT-RESISTANT, CLOSED-CELL, CROSS-LINKED POLYETHYLENE OR POLYOLEFIN FOAM.
 - ALL WORK ON DETAILS ABOVE TO BE PAID FOR UNDER THE FOLLOWING PAY ITEMS:
 - PAY ITEM S-001, "CLEANING AND RESEALING EXISTING TRANSVERSE PAVEMENT JOINTS" OR
 - PAY ITEM S-002, "CLEANING AND RESEALING EXISTING LONGITUDINAL PAVEMENT JOINTS" OR
 - PAY ITEM S-003, "CLEANING AND RESEALING EXISTING RANDOM CRACKS".

JOINT CLEANING AND RESEALING DETAILS

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PAVEMENT IMPROVEMENTS
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 CITY OF SHREVEPORT
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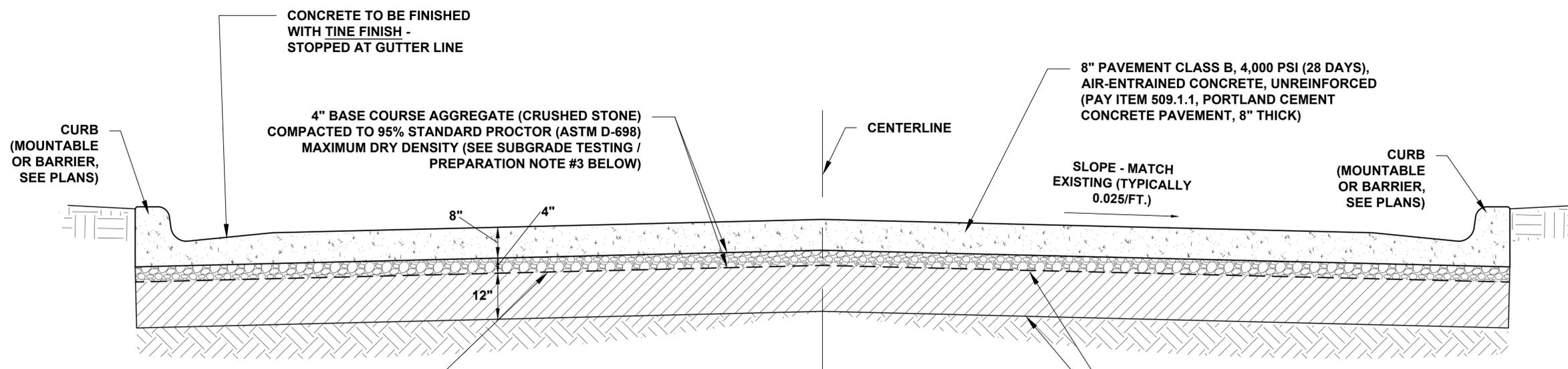
UNREINFORCED CONCRETE PANEL
 TYPICAL SECTION



PROJECT NO:
 OE 2025-13

DATE:
 JANUARY 19, 2026

SHEET NO.
 28



GEOGRID TO BE PLACED ATOP SUBGRADE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. ACCEPTABLE MATERIALS:

1. TENSAR BX1200
2. SYNETEC SBX
3. MIRAFI BASXGRID 11
4. PROPEX BXP

TYPICAL UNREINFORCED CONCRETE PANEL SECTION

SCALE: 3/4" = 1' - 0"

THIS SECTION NOT APPLICABLE TO SAMFORD STREET.
 SEE SHEET 25 FOR SAMFORD AVENUE TYPICAL SECTION.

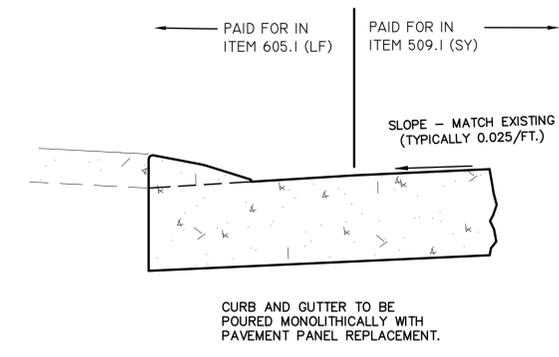
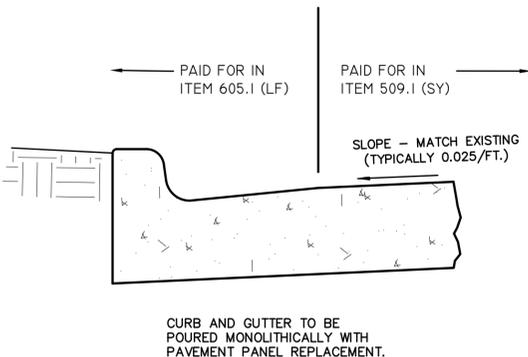
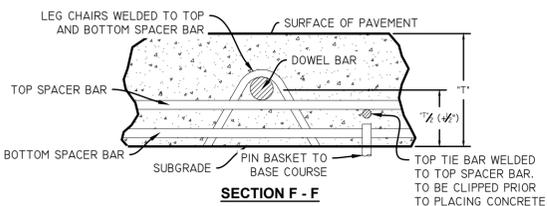
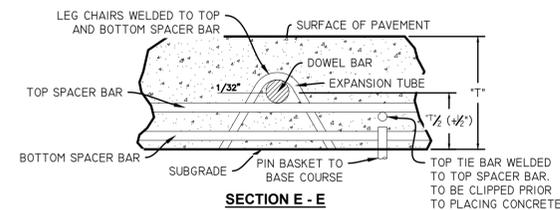
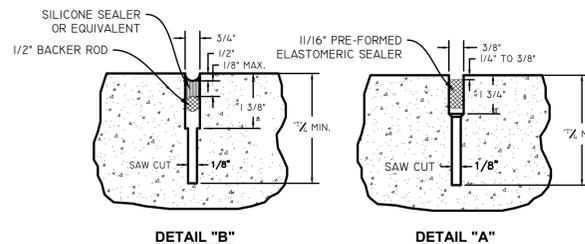
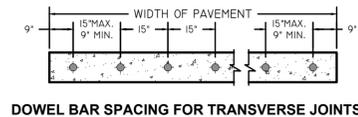
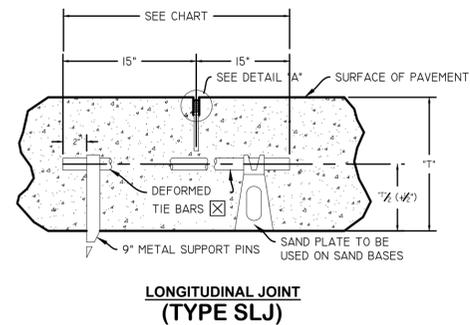
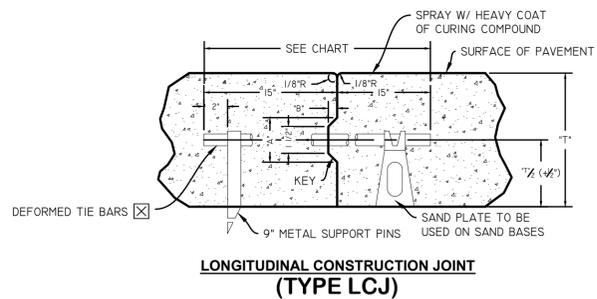
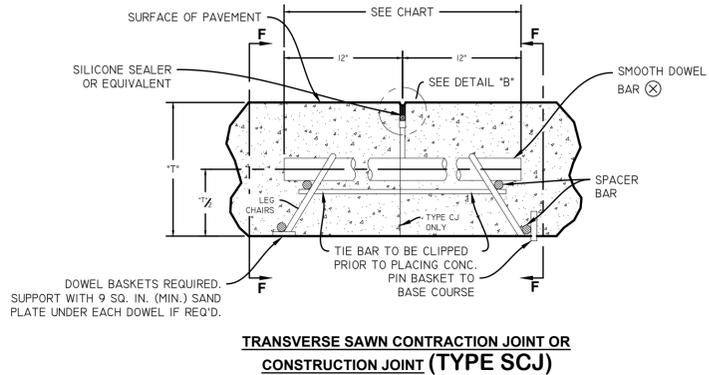
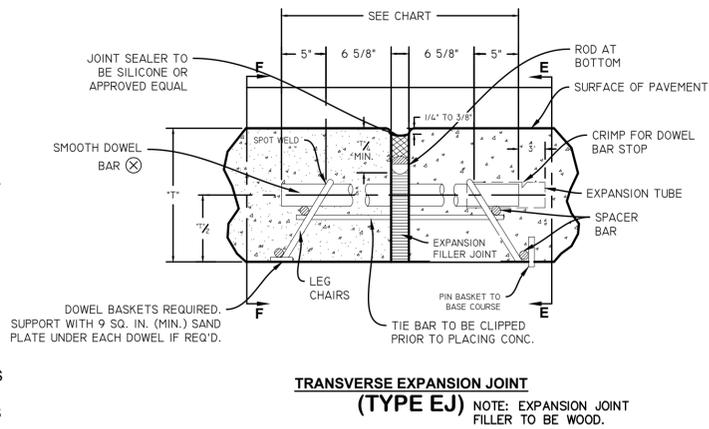
SCARIFY AND COMPACT SUBGRADE 12" THICK (SEE TECHNICAL SPECIFICATION SECTION 401.1).
 CONTRACTOR TO COMPACT SUBGRADE TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY AT 0% TO +4% OPTIMUM MOISTURE.

UNREINFORCED CONCRETE PANEL TYPICAL SECTION

CONCRETE PAVING NOTES

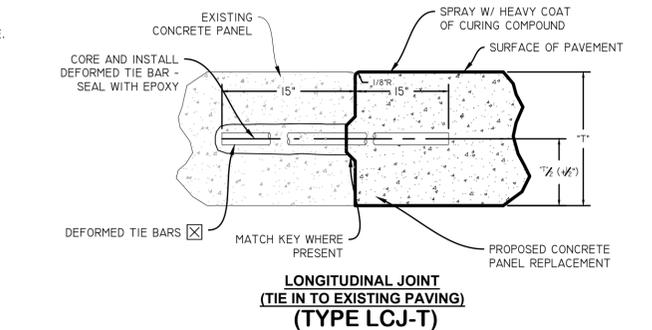
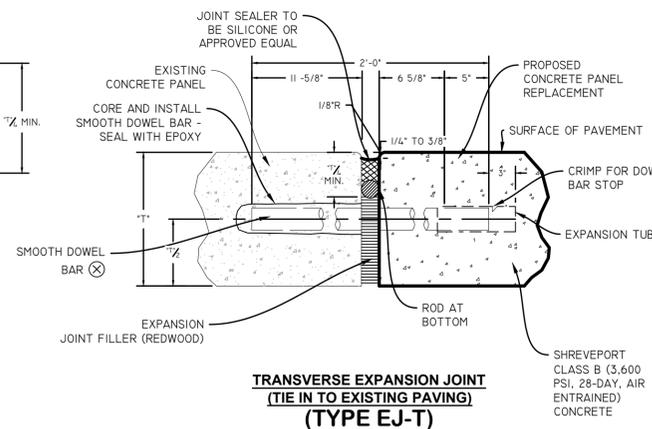
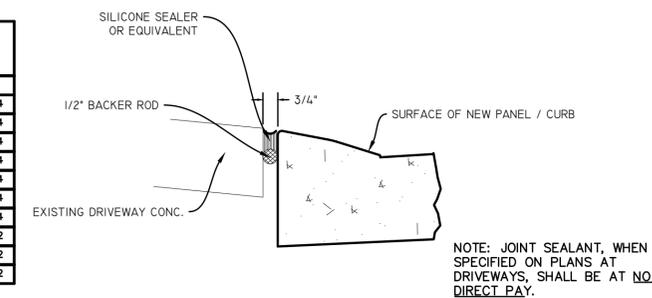
- CONCRETE SHALL BE PORTLAND CEMENT CONCRETE, PAVEMENT CLASS B, 4,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS WITH AIR ENTRAINMENT.
- CAST-IN-PLACE CONCRETE SHALL STRICTLY ADHERE TO THE PROPORTIONS ESTABLISHED IN THE MIX, CONSISTING OF THE ACTUAL MATERIALS TO BE USED DURING CONSTRUCTION. DESIGN MIX SHALL BE PREPARED AND SUBMITTED TO ENGINEER FOR REVIEW PRIOR TO USE. MIX DESIGN PROPORTIONS SHALL BE IN ACCORDANCE WITH ACI 211 / 301 / 318.
- REINFORCED CONCRETE SHALL CONFORM TO ACI 318, LATEST EDITION.
- REINFORCING BARS SHALL BE ASTM A615 GRADE 60, EXCEPT TIES AND STIRRUPS MAY BE GRADE 40. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND SHALL BE SUPPLIED IN FLAT SHEETS. LAP FABRIC TWO MESHES AS SPLICED.
- REQUIRED CONCRETE COVER FOR REINFORCING BARS:
DEPOSITED AGAINST EARTH: 3"
EXPOSED TO WEATHER OR EARTH AFTER FORMS REMOVED: 1-1/2"
- AS SOON AS FORMS ARE REMOVED, UNDESIRABLE FINS AND OTHER PROJECTIONS SHALL BE REMOVED, OFFSETS LEVELED, AND VOID OR DAMAGED PLACES IMMEDIATELY SATURATED WITH WATER AND PREPARED WITH MORTAR OF THE SAME COMPOSITION AS USED IN THE MIX. EXPOSED SURFACES SHALL BE RUBBED WITH CARBORUNDUM STONE TO A SMOOTH FINISH FREE FROM MARKS OR HONEYCOMBS IMMEDIATELY AFTER FORMS ARE REMOVED.
- TESTING LABORATORY SERVICES FOR QUALITY CONTROL OF CAST-IN-PLACE CONCRETE SHALL BE PROVIDED BY THE OWNER. TESTING SERVICES SHALL INCLUDE PREPARATION AND TESTING OF CONCRETE COMPRESSION CYLINDERS, SLUMP TESTS, AND ANY OTHER TESTS DESIRED BY THE OWNER.
- CONCRETE SHALL BE PLACED CONTINUOUSLY, WITHOUT INTERRUPTION, IN SUCH A MANNER AS TO NOT CAUSE SEGREGATION, VIBRATING EACH LIFT. USE CHUTES OR TREMIES FOR PLACING CONCRETE WHERE A DROP OF MORE THAN FIVE FEET IS REQUIRED, OR PUMP CONCRETE INTO PLACE.
- DOWELS MUST BE SUPPORTED WITH BASKETS TO PREVENT SLIPPING AND/OR DISPLACEMENT.
- CONTRACTOR MUST SUPPORT STEEL REINFORCING WITH BRICK SUPPORTS (PREFERRED), CHAIRS, OR OTHER SUITABLE MATERIALS.
- SAWING OF CONCRETE SHALL COMMENCE AS SOON AS CONCRETE IS SUFFICIENTLY CURED TO SUPPORT THE WEIGHT OF PERSONNEL AND EQUIPMENT. IN NO EVENT SHALL SAWING OCCUR MORE THAN 24 HOURS AFTER PLACEMENT.
- CONTRACTOR SHALL APPLY A CLEAR SPRAY-ON OR ROLL-ON CURING COMPOUND IMMEDIATELY AFTER PLACEMENT TO PROTECT CONCRETE FROM SURFACE CRACKING.
- THE FACE OF ALL STRAIGHT CURBS ARE TO BE SET WITH FORMWORK TO ASSURE A CLEAN, STRAIGHT, AND EVEN FACE.

SEE SHEETS 25 & 28 FOR TYPICAL SECTION.



Pavement Thickness	Smooth Dowel Bars			Deformed Tie Bars			Keyway	
	Size	Length	Spacing	Size	Length	Spacing	A	B
5	1/8"	24	15	1/2"	30	24	2 1/2"	1 1/4"
6	1/8"	24	15	1/2"	30	24	2 1/2"	1 1/4"
7	1/8"	24	12	1/2"	30	24	2 1/2"	1 1/4"
8	1/8"	24	12	1/2"	30	24	2 1/2"	1 1/4"
9	1/8"	24	12	1/2"	30	24	2 1/2"	1 1/4"
10	1/8"	24	12	1/2"	30	24	2 1/2"	1 1/4"
11	1/8"	24	12	5/8"	30	24	2 1/2"	1 1/4"
12	1/8"	24	12	5/8"	30	24	3"	1 1/2"
13	1/8"	24	12	5/8"	30	24	3"	1 1/2"
14	1/8"	24	12	5/8"	30	24	3"	1 1/2"

SEE SHEET 22 FOR ADDITIONAL NOTES.



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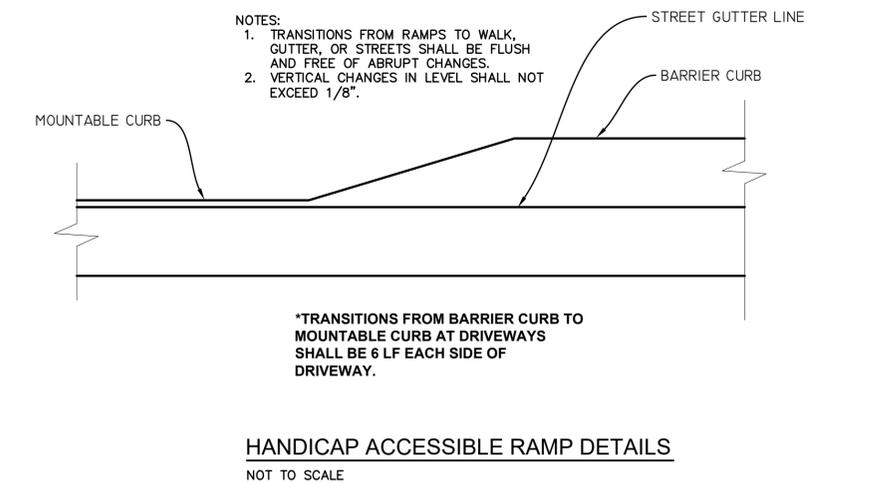
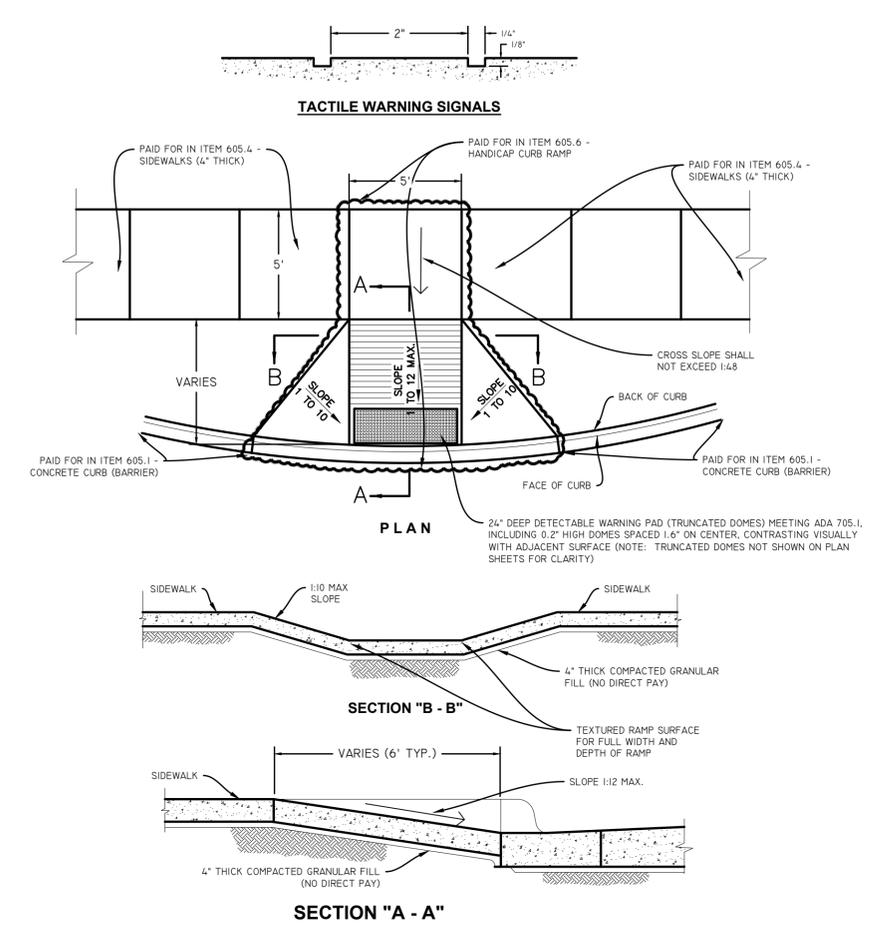
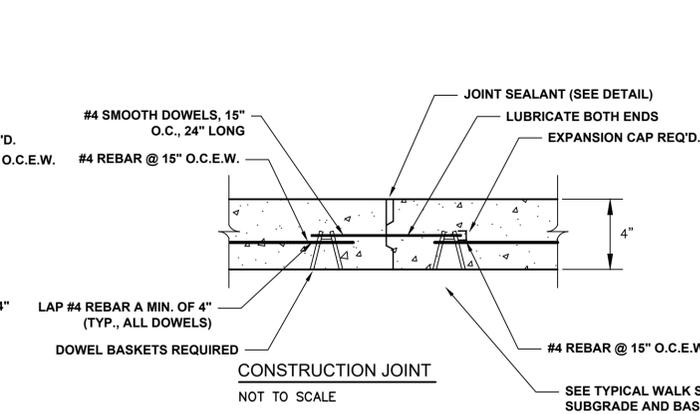
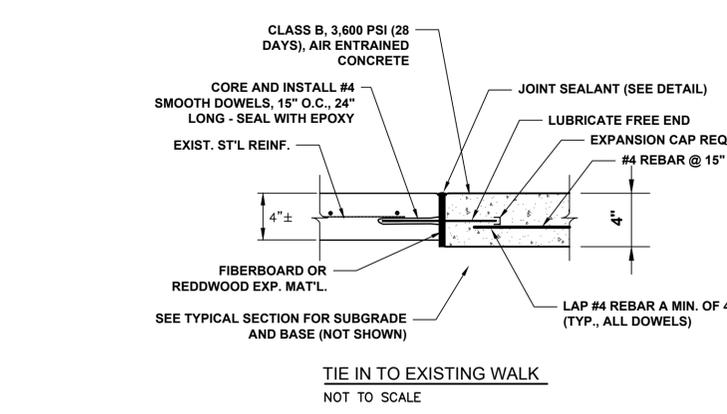
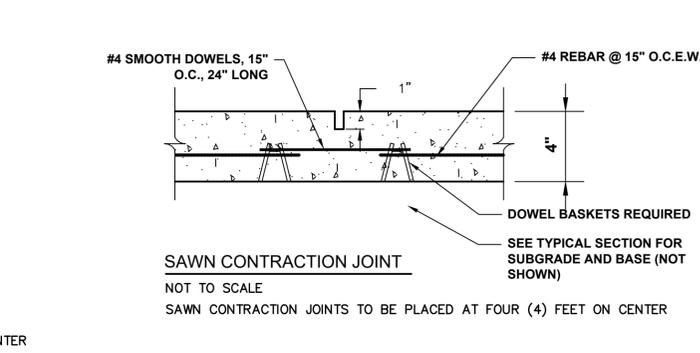
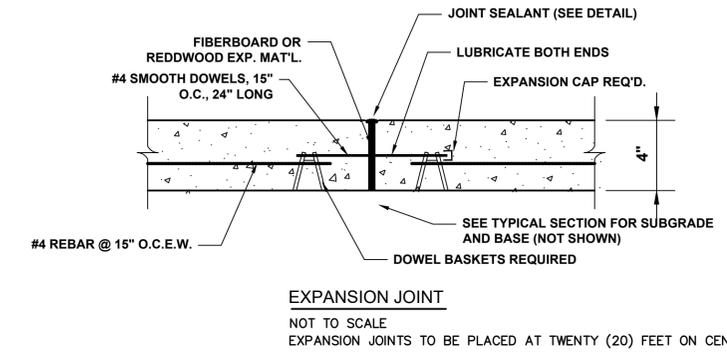
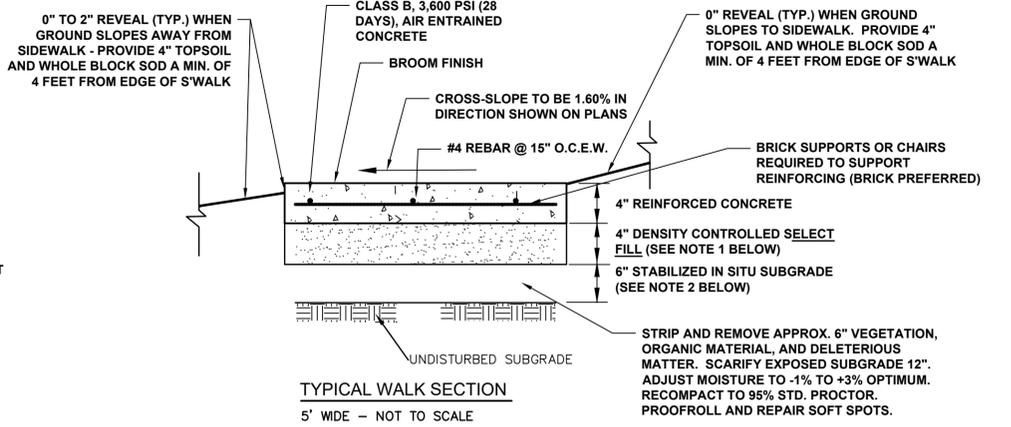
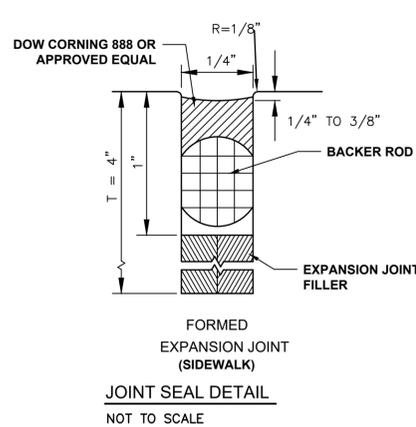
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VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001
CONCRETE PANEL DETAILS



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SHEET NO.

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SIDEWALK DETAILS
NOT TO SCALE

HANDICAP ACCESSIBLE RAMP AND SIDEWALK DETAILS

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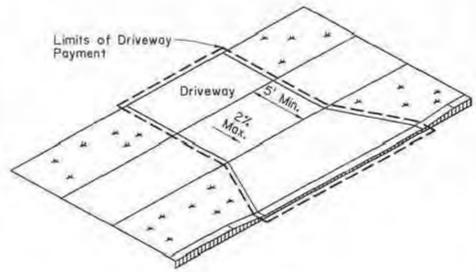
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CITY OF SHREVEPORT
PROJECT NUMBER: C24001

HANDICAP ACCESSIBLE RAMP AND SIDEWALK DETAILS

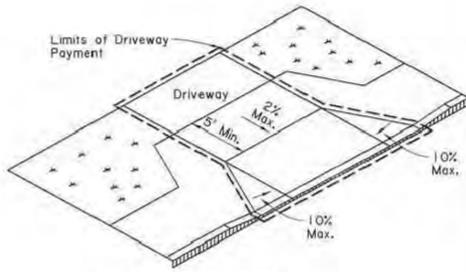


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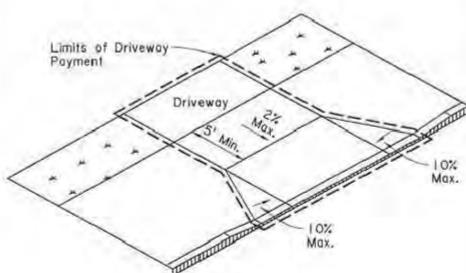
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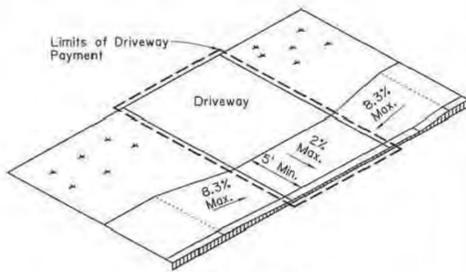
SETBACK SIDEWALK



APRON OFFSET SIDEWALK

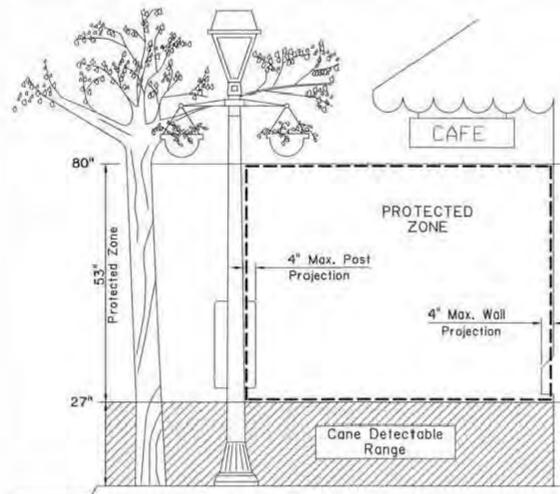


WIDE SIDEWALK



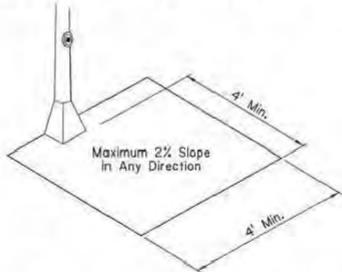
RAMP SIDEWALK

SIDEWALK TREATMENT AT DRIVEWAYS
Refer to Driveway Standard Plans for further details.



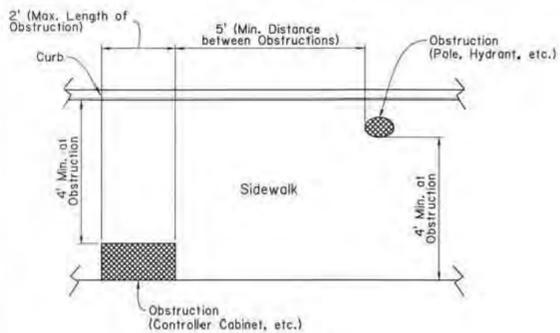
PROTECTED ZONE

- Notes:
- In pedestrian circulation area, maximum 4" projection for post or wall mounted objects between 27" and 80" above the surface.
 - When an obstruction of a height greater than 27" from the surface would create a protrusion of more than 4" into the pedestrian circulation area, construct additional curb or foundation at the bottom to provide a maximum 4" overhang.
 - Protruding objects of a height less than 27" are detectable by cane and do not require additional treatment.



CLEAR GROUND SPACE ADJACENT TO PEDESTRIAN PUSH BUTTON

Minimum 4' x 4' clear space required at public use fixtures.



PLAN VIEW
PLACEMENT OF OBSTRUCTIONS
Items not intended for public use.

PEDESTRIAN FACILITIES GENERAL NOTES

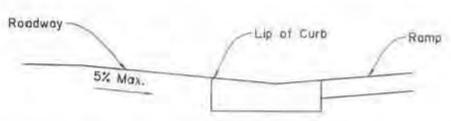
Curb Ramps

- Maximum allowable cross slope of curb ramp surfaces is 2%; desired cross slope is 1.5%.
- Theoretical pay areas for curb ramps are as shown on sheet 2, unless otherwise noted in the plans. These areas may be field adjusted as approved by the Project Engineer.
- Grade breaks at the top and bottom of curb ramps runs shall be perpendicular to the direction of the ramp run.
- Where curb ramps are located adjacent to a walking surface, a flare must be provided; otherwise a curb may be provided. For an example, refer to curb ramp Type 2 on sheet 2.
- The landing dimensions are 5'x5' with a maximum 2% slope in any direction. The landing clear width shall be at least as wide as the widest ramp run leading to the landing.
- Small raised channelization islands, which cannot provide a minimum of 5'x5' landing at the top of ramps, shall be cut through level with the surface of the street.
- Raised medians should be 6' wide in the direction of pedestrian travel to serve as a pedestrian refuge area. Medians with pedestrian access routes through them shall be designed in accordance with Draft PROWAG.
- Maneuvering space at the bottom of curb ramps shall be a minimum of 4'x4' completely contained within the crosswalk and completely outside the parallel vehicle travel lane.
- It is desirable to provide a no-parking zone 50' from crosswalks on each intersection approach or provide a curb extension.
- Drainage structures should be located on the upstream side of the ramp and located to prevent ponding near the curb ramp. Drainage structures should be placed outside the crosswalk.
- Slopes of adjoining gutters and roadway surfaces immediately adjacent to the curb ramp shall not exceed 5%. Refer to the Transition from the Curb Ramp to Roadway Detail on sheet 1.
- Curb ramps should be aligned with the direction of pedestrian travel on the crosswalk or theoretical crosswalk. Refer to sheet 3 for typical crossing layouts and refer to the pavement marking standards for crosswalk markings.
- Crosswalk markings shall be placed a distance of 24" from the flare on each side of a diagonal curb ramp. Refer to sheet 3 for an example.
- Curb ramps shall include detectable warning surfaces. Refer to sheet 4 for details of detectable warning surfaces.
- Where a curb ramp is constructed within existing curb, curb and gutter and/or sidewalk, the existing curb or curb and gutter shall be removed to the nearest joint beyond the curb transition or the extent that no remaining section of curb or curb and gutter is less than 5' long or as directed by the Project Engineer. Existing sidewalks shall be removed to the nearest joint beyond the flare slope or to the extent that no remaining section of sidewalk is less than 5' long or as directed by the Project Engineer.

Sidewalks

- Where a 5' sidewalk cannot be provided due to site constraints, 5'x5' passing areas at intervals not to exceed 200' are required.
- Where sidewalks and crosswalks are contained within street or highway right-of-way, the grade of the sidewalk or crosswalk shall not exceed the grade of the adjacent street or highway. Where sidewalks are not contained within a street or highway right-of-way, the grade of the sidewalk shall be 5% maximum.
- Maximum allowable cross slope of sidewalk surfaces is 2%; desired cross slope is 1.5%.
- Vertical surface discontinuities along a sidewalk shall be 1/2" maximum. Discontinuities between 1/4" and 1/2" shall be beveled at a 1:2 maximum slope.
- Where sidewalks intersect with streets, detectable warning surfaces are required. Refer to sheet 4 for details of detectable warning surfaces.
- Traffic signal or illumination poles, ground boxes, controller boxes, signs, drainage facilities and other items shall be placed so as not to obstruct the accessible route.
- When a sidewalk crosses a driveway and exceeds the 2% maximum cross slope, the driveway or driveway portion shall be reconstructed to meet the 2% maximum cross slope requirement. Refer to driveway standard plans for driveway details.
- Handrails are not required on sidewalks within highway right-of-way, unless site specific conditions, such as a vertical drop-off, dictate. Where handrails are provided, they must comply with ADAAG 505.
- To prevent tracking of gravel onto the sidewalk, gravel driveways should be paved from the roadway edge to a point 10' behind the sidewalk or the right-of-way, whichever is less.

ADA - Americans with Disabilities Act
ADAAG - Americans with Disabilities Act Accessibility Guidelines
Draft PROWAG - Draft Public Rights-of-Way Accessibility Guidelines



TRANSITION FROM CURB RAMP TO ROADWAY

SHEET NUMBER	PARISH	SECTION	STATE	PROJECT
SECTION	MAL	BPW	MAL	BPW
CHECK	DETAIL	MAL	BPW	REVIEW
CHECK	CHECK	CHECK	REVIEW	REVIEW
DATE	SERIES #	I OF 5		
7/14/2022				

APPROVED BY CHIEF ENGINEER

Michelle P. Lebas

DATE: 7/12/2022

STATE OF LOUISIANA

MELISSA LEBAS
License No. 29111
PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING

PEDESTRIAN FACILITIES
GENERAL NOTES AND MISC. DETAILS

PED-01

STANDARD PLAN

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & INFRASTRUCTURE

LA One Call 811

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E. POORE (Louisiana Engineer)
2776 Mississippi
Frazier (Texas)

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BALAR ASSOCIATES, INC. #4
Louisiana Registration No. 64

631 MILAM STREET, SUITE 300
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E-MAIL: balar@balar-engineers.com



PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001
LA DOTD PED-01
SHEET 1

STATE OF LOUISIANA

MARK ENOS OWEN
License No. 28092
PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING

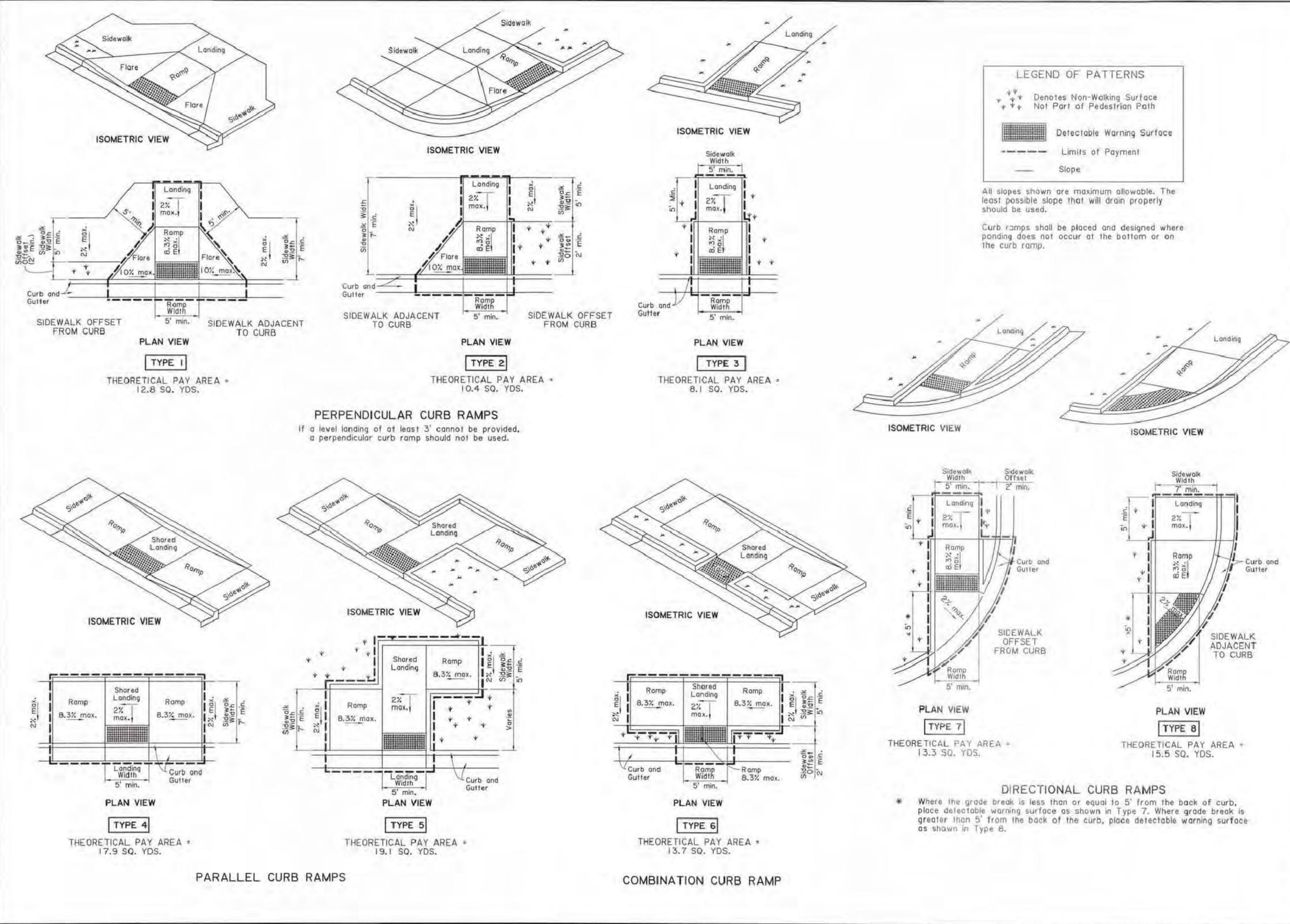
JANUARY 19, 2026

PROJECT NO: OE 2025-13
DATE: JANUARY 19, 2026
SHEET NO.

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7/14/2022 12:04



SHEET NUMBER		DATE	
DESIGN	CHECK	CONTROL	REVISION
MAL	BPW	MAL	BPW
REVISION # 2 OF 5			

APPROVED BY CHIEF ENGINEER:
Christy P. Hayes 7/21/2022

STATE OF LOUISIANA
MELISSA LEBAS
License No. 31111
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
7/14/2022

PEDESTRIAN FACILITIES
CURB RAMPS AND DETECTABLE
WARNING LOCATION
PED-01
STANDARD
PLAN

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2775 Mississippi
Frazier (Texas)

REV.	DATE	REVISION DESCRIPTION

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PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001
LA DOTD PED-01
SHEET 2

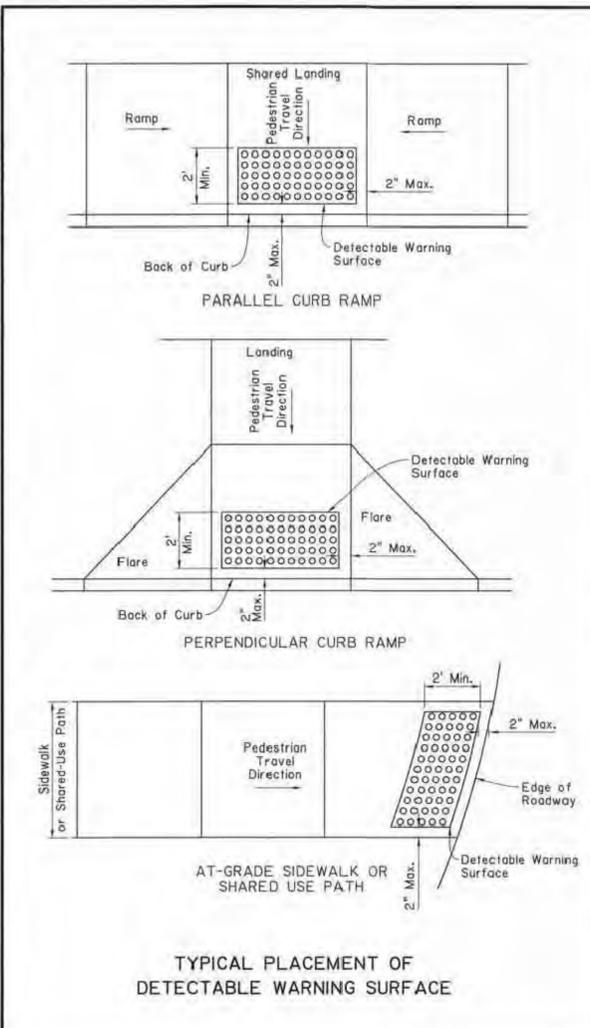
STATE OF LOUISIANA
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PROFESSIONAL ENGINEER
JANUARY 19, 2026

PROJECT NO: OE 2025-13
DATE: JANUARY 19, 2026
SHEET NO: 32

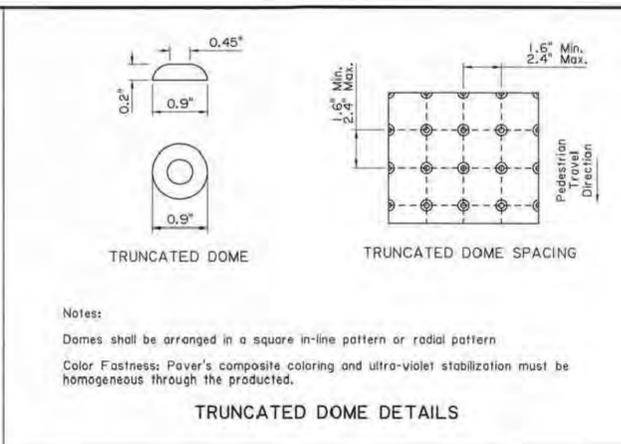
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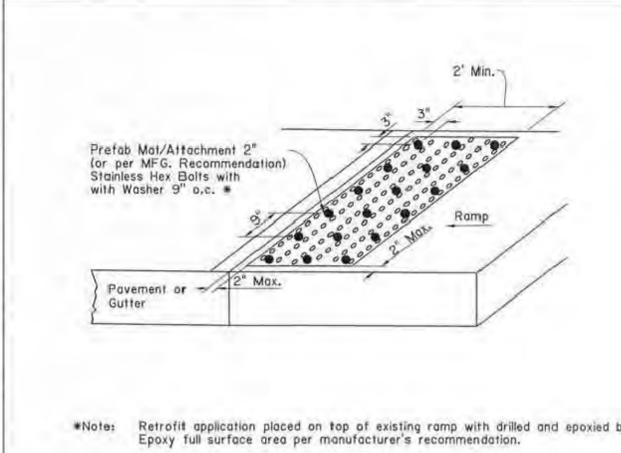
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7/14/2022



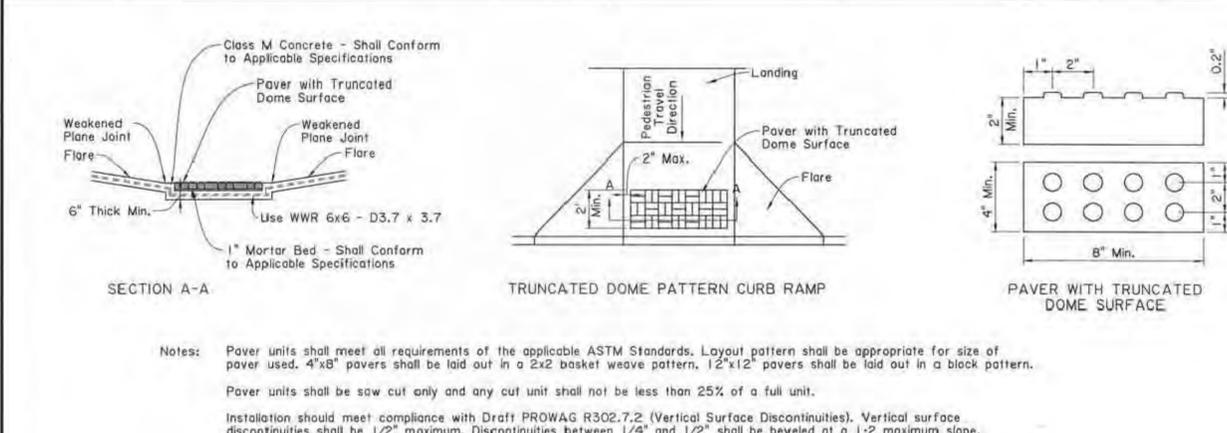
TYPICAL PLACEMENT OF DETECTABLE WARNING SURFACE



TRUNCATED DOME DETAILS



PREFABRICATED MAT OPTION (INLAID)

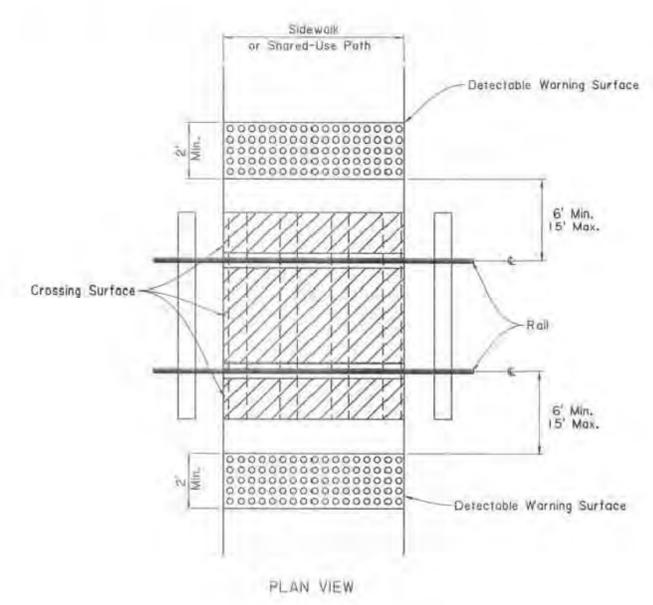


Notes:
Paver units shall meet all requirements of the applicable ASTM Standards. Layout pattern shall be appropriate for size of paver used. 4"x8" pavers shall be laid out in a 2x2 basket weave pattern. 12"x12" pavers shall be laid out in a block pattern.
Paver units shall be saw cut only and any cut unit shall not be less than 25% of a full unit.
Installation should meet compliance with Draft PROWAG R302.7.2 (Vertical Surface Discontinuities). Vertical surface discontinuities shall be 1/2" maximum. Discontinuities between 1/4" and 1/2" shall be beveled at a 1:2 maximum slope.

DETECTABLE WARNING SURFACE PAVER OPTION

GENERAL NOTES:

- For ADA compliance, detectable warning surfaces must be provided on all pedestrian curb ramps, medians and pedestrian refuge islands (width 6' or greater), railroad crossings and at-grade sidewalk and shared-use paths intersecting with roadways.
- Curb ramps must contain a detectable warning surface that consists of raised truncated domes complying with ADA guidelines. The surface must contrast visually with adjoining surfaces, including side flares, in accordance with Section 706 of the Standard Specifications. Color for detectable warning surface shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light.
- Detectable warning surfaces must be slip resistant and not allow water to accumulate.
- Truncated domes should be aligned perpendicular or radial to the grade break between the curb ramp or at-grade sidewalk and the street.
- Detectable warning surfaces shall be a minimum of 24" in depth in direction of pedestrian travel and extend the full width of the ramp run or landing where the pedestrian access route enters the street. Some detectable warning products may require a concrete border. The concrete border should not exceed 2".
- Detectable warning surfaces shall be placed at the back of curb or no greater than 5' from the back of curb. Detectable warning surfaces may be curved along the corner radius. Refer to sheet 2 for typical placement of detectable warning surfaces on curb ramp types.
- Detectable warning surfaces may be stamped, constructed of brick pavers or inlaid prefabricated mats attached by epoxy adhesive and mechanical attachment. Other detectable warning installations may be installed with approval from the Project Engineer, provided that the detectable warning surface meets ADA guidelines. No painted surfaces will be allowed.
- Any retrofit application of detectable warning surfaces must have beveled edges. The beveled edge shall not exceed a slope greater than 1:2.



LOCATION OF DETECTABLE WARNING SURFACES AT RAILROAD CROSSINGS

Note: Rows of truncated domes should be aligned parallel with the direction of wheelchair travel.

DESIGN	MAL	BPW	DETAIL	MAL	BPW	REVIEW	BPW	SHEET NUMBER	4 OF 5
APPROVED BY: CHIEF ENGINEER								DATE: 7/21/2022	
PEDESTRIAN FACILITIES								DETECTABLE WARNING SURFACES	PED-01
								STANDARD PLAN	

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PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001
LA DOTD PED-01
SHEET 4

STATE OF LOUISIANA
MARK ENOS OWEN
License No. 28092
PROFESSIONAL ENGINEER
JANUARY 19, 2026

PROJECT NO:	OE 2025-13
DATE:	JANUARY 19, 2026
SHEET NO:	33

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PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
 EROSION CONTROL
 STANDARD PLANS

STATE OF LOUISIANA
 MARK ENOS OWEN
 License No. 28092
 PROFESSIONAL ENGINEER
 JANUARY 19, 2026

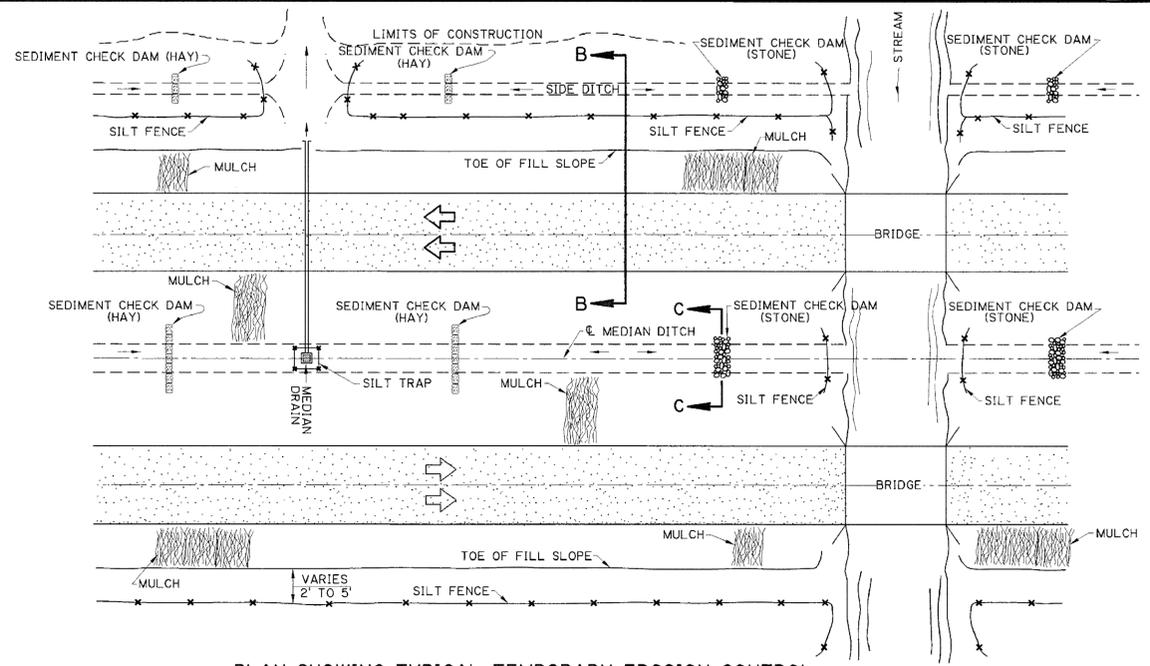
PROJECT NO:
 OE 2025-13

DATE:
 JANUARY 19, 2026

SHEET NO.
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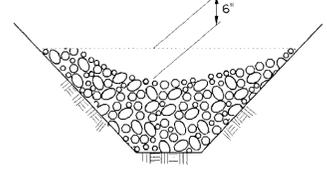


PLAN SHOWING TYPICAL TEMPORARY EROSION CONTROL

MULCHES

MULCHES ARE THE APPLICATION OF MATS OF MATERIAL PLACED ON THE SOIL SURFACE TO PREVENT EROSION BY PROTECTING THE SOIL SURFACE FROM RAINDROP IMPACT AND TO REDUCE THE VELOCITY OF OVERLAND FLOW. MULCHES CAN BE ORGANIC OR SYNTHETIC. MULCHES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW GUIDELINES FOR THE USE OF MULCHES ARE:

1. USE ON CUT AND EMBANKMENT SLOPES WHICH HAVE NOT BEEN COMPLETED TO PLAN GRADE OR WHERE THE WEATHER OR SOIL CONDITIONS WILL NOT PERMIT COMPLETING THEM WITHIN A REASONABLE TIME
2. USE ON CLEARED, GRUBBED, AND SCALPED AREAS WHERE SOIL EROSION IS LIKELY TO OCCUR
3. USE WITH TEMPORARY SEEDING



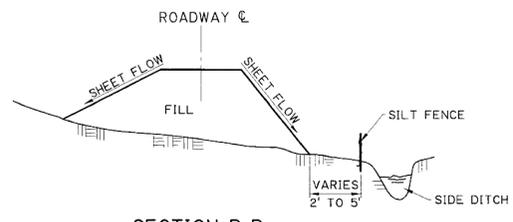
SECTION C-C

TEMPORARY SEDIMENT CHECK DAM (STONE)

PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (STONE)

NOTES:
 A STONE CHECK DAM IS A SMALL TEMPORARY DAM CONSTRUCTED ACROSS A SWALE OR DRAINAGE DITCH. THE PURPOSE OF THIS MEASURE IS TO REDUCE THE VELOCITY OF CONCENTRATED STORM WATER FLOWS, THEREBY REDUCING EROSION OF THE SWALE OR DITCH. THE STONE CHECK DAM WILL TRAP SMALL AMOUNTS OF SEDIMENTS GENERATED IN THE DITCH ITSELF, HOWEVER IT SHOULD NOT BE USED AS A SEDIMENT TRAPPING DEVICE. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF STONE CHECK DAMS ARE:

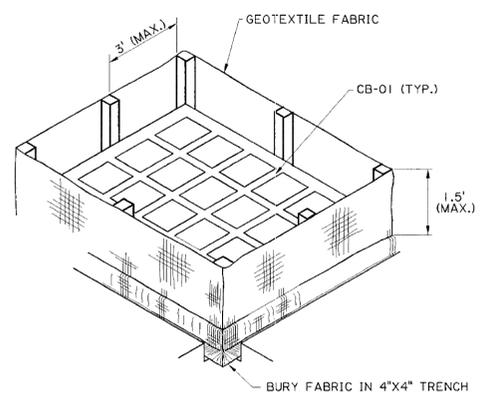
1. USE IN SMALL OPEN CHANNELS WHICH DRAIN 10 ACRES OR LESS
2. DO NOT USE IN A LIVE STREAM
3. USE IN A TEMPORARY DITCH OR SWALE WHICH, BECAUSE OF THEIR SHORT LENGTH OF SERVICE, CANNOT RECEIVE A NON-ERODIBLE LINING
4. USE IN PERMANENT DITCHES OR SWALES WHICH WILL NOT RECEIVE A PERMANENT LINING FOR AN EXTENDED PERIOD OF TIME
5. USE IN TEMPORARY OR PERMANENT DITCHES OR SWALES WHICH NEED PROTECTION DURING THE ESTABLISHMENT OF GRASS LININGS
6. FOR STONE SPECIFICATIONS, SEE PROJECT SPECIFICATIONS FOR RIPRAP, (CLASS 2 LB)



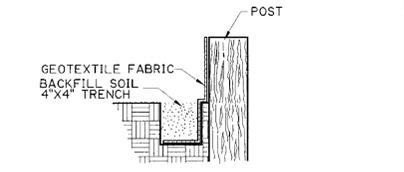
SECTION B-B

TEMPORARY SILT FENCE APPLICATION

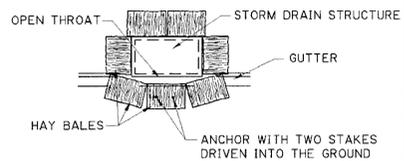
(FOR CONSTRUCTION DETAILS AND SPECIFICATIONS SEE SHEET 2 OF 2.)



ISOMETRIC VIEW SHOWING GEOTEXTILE FABRIC
 (BACKFILL SOIL NOT SHOWN)



SECTION THRU TRENCH SHOWING GEOTEXTILE FABRIC

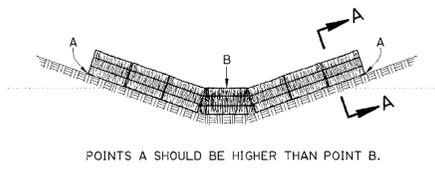


PLAN SHOWING HAY BALES

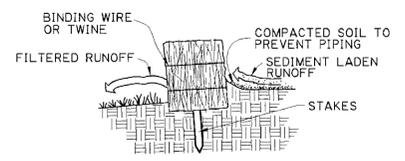
TEMPORARY INLET SILT TRAP

THE TEMPORARY DROP INLET SILT TRAP IS TO BE USED FOR SMALL DRAINAGE AREAS (LESS THAN 1 ACRE) WHERE THE STORM DRAIN IS FUNCTIONAL BEFORE THE AREA IS STABILIZED. THE TRAP CAN BE EITHER GEOTEXTILE FABRIC OR HAY BALES.

1. THE GEOTEXTILE FABRIC SHALL CONFORM TO PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS G).
2. WOODEN STAKES SUPPORTING THE FABRIC SHALL BE 2" X 2" OR 2" X 4" WITH A MINIMUM LENGTH OF 3 FEET. THE STAKES SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 3 FEET.
3. THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO 1.5' AND THE BOTTOM OF THE FABRIC SHALL BE BURIED IN A TRENCH APPROXIMATELY 4" WIDE BY 4" DEEP. THE FABRIC SHALL BE STAPLED TO THE POST WITH 1/2" STAPLES.
4. THE TRAP SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM. THE SEDIMENT SHOULD BE REMOVED AND EACH STAKE SHOULD BE FIRMLY IN THE GROUND.
5. HAY BALES SHALL BE PLACED SO THAT THE BINDING WIRE OR TWINE IS NOT IN CONTACT WITH THE GROUND.



ELEVATION



SECTION A-A

TEMPORARY SEDIMENT CHECK DAM (HAY)

PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (HAY)

NOTES:

A HAY BALE BARRIER IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A ROW OF ENTRENCHED AND ANCHORED BALES OF STRAW OR HAY. THE HAY BALE BARRIER IS ALSO USED AS A CHECK DAM TO REDUCE THE VELOCITY IN SMALL DITCHES OR SWALES. THE HAY BALES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A HAY BALE BARRIER ARE:

1. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION
2. USE IN MINOR SWALES OR DITCHES WHERE THE MAXIMUM DRAINAGE AREA IS 2 ACRES
3. ONLY USE WHERE THE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS
4. DO NOT USE IN LIVE STREAMS OR IN SWALES OR DITCHES WHERE THERE IS A POSSIBILITY OF A WASHOUT

DESIGNED	JCM	CHECKED	JCM	DATE	1-14-24
DRAWN	KAJ	APPROVED	JCM	DATE	1-14-24
REVISIONS		GENERAL REVISIONS		DATE	10-1-08
REVISION 1		REMOVE SPECIFIC PAY ITEM NOS.		DATE	10-1-08
REVISION 2		GENERAL REVISIONS		DATE	10-1-08
REVISION 3		GENERAL REVISIONS		DATE	10-1-08
REVISION 4		GENERAL REVISIONS		DATE	10-1-08
REVISION 5		GENERAL REVISIONS		DATE	10-1-08
REVISION 6		GENERAL REVISIONS		DATE	10-1-08
REVISION 7		GENERAL REVISIONS		DATE	10-1-08
REVISION 8		GENERAL REVISIONS		DATE	10-1-08
REVISION 9		GENERAL REVISIONS		DATE	10-1-08
REVISION 10		GENERAL REVISIONS		DATE	10-1-08
REVISION 11		GENERAL REVISIONS		DATE	10-1-08
REVISION 12		GENERAL REVISIONS		DATE	10-1-08
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REVISION 20		GENERAL REVISIONS		DATE	10-1-08



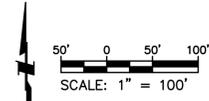
TEMPORARY EROSION CONTROL DETAILS
 EC-01



HYDRAULICS SECTION

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SUGGESTED TRAFFIC CONTROL PLAN FOR ANNETTE ST.

GENERAL NOTES

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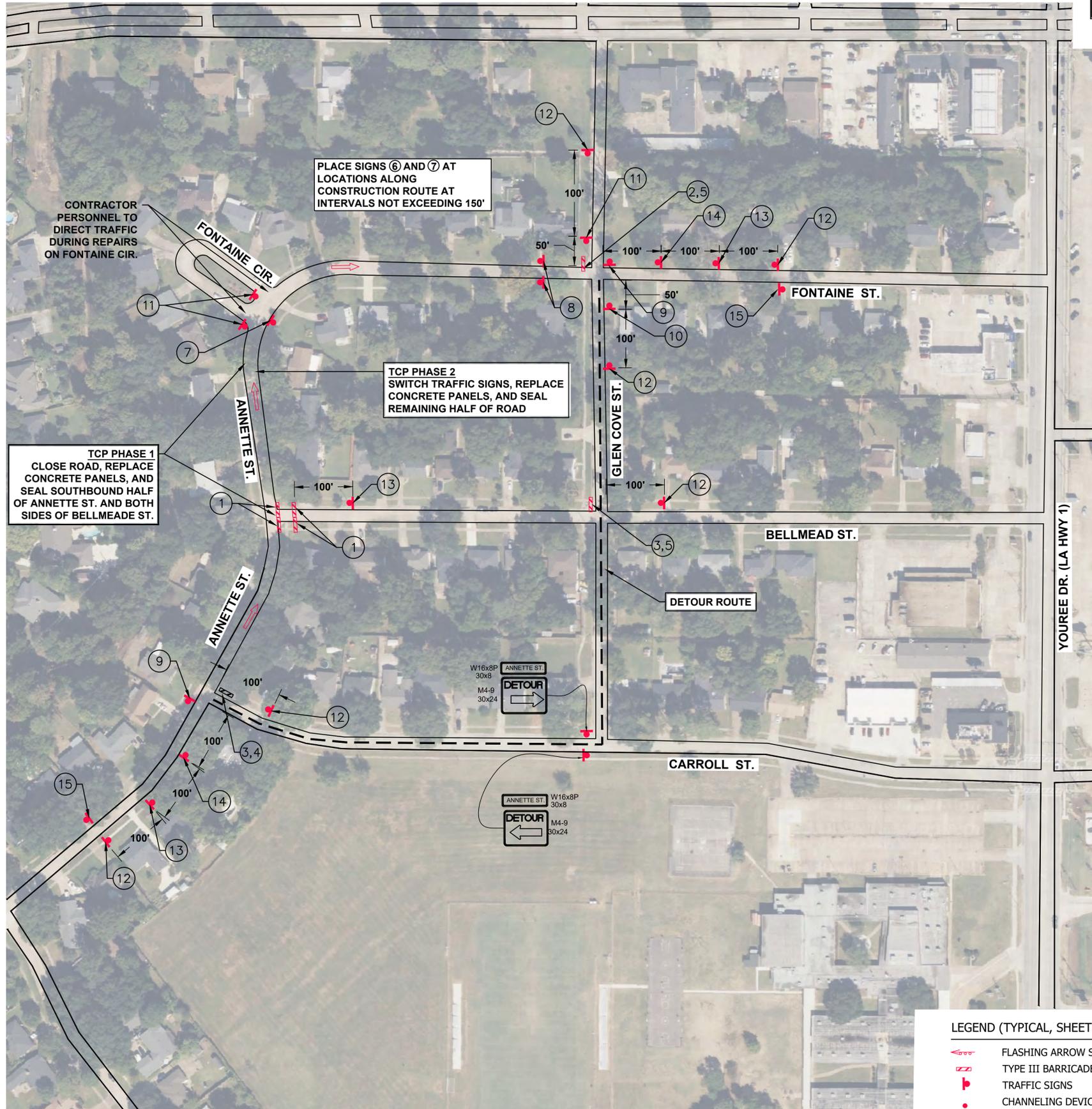
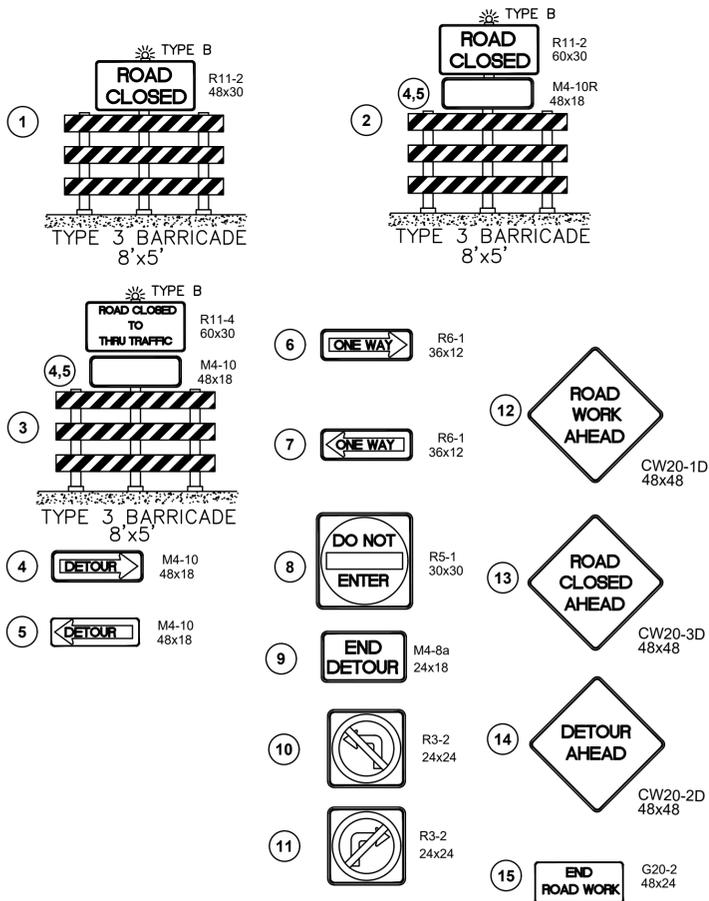
- A. CITY OF SHREVEPORT ENGINEERING DIVISION
- B. CITY OF SHREVEPORT POLICE, FIRE, AND 911 CENTER
- C. CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT
- D. CADDO PARISH SHERIFF'S DEPARTMENT
- E. SPORTRAN

WRITTEN NOTICES SHALL BE SUBMITTED A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING TCP.

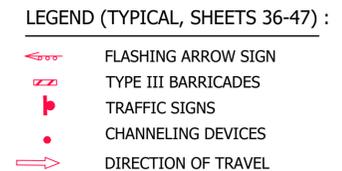
2. ALL SIGNAGE TO BE CONSTRUCTION SAFETY ORANGE, EXCEPT "ROAD CLOSED" SIGNS WHICH SHALL BE REFLECTIVE WHITE. FABRIC SIGNS ARE NOT PERMITTED.

3. ALL SIGNAGE SHALL BE MOUNTED 24" CLEAR FROM TRAVEL LANE AND 7" CLEAR HEIGHT FROM TOP OF CURB / EDGE OF TRAVEL LANE.

4. CONTRACTOR SHALL PROTECT EXCAVATION AREA WITH ADEQUATE CONSTRUCTION SAFETY FENCE TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION AREA.



ANNETTE ST. BELLMEAD ST. TO FONTAINE ST. SUGGESTED TRAFFIC CONTROL PLAN



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E. OWEN (Professional Engineer)
 BALAR ASSOCIATES, INC.
 2716 Mississippi
 Frisco, TX 75034

REV.	DATE	REVISION DESCRIPTION

BALAR CONSULTING ENGINEERS
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631 MILAM STREET, SUITE 300
 SHREVEPORT, LOUISIANA 71101
 PHONE: 318-221-8312
 E-MAIL: balar@balar-engineers.com



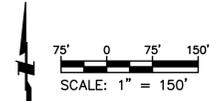
PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

ANNETTE ST. SUGGESTED TRAFFIC CONTROL PLAN



PROJECT NO: OE 2025-13
 DATE: JANUARY 19, 2026
 SHEET NO.

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SUGGESTED TRAFFIC CONTROL PLAN FOR SPRING LAKE DRIVE

GENERAL NOTES

1. PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE FOLLOWING:

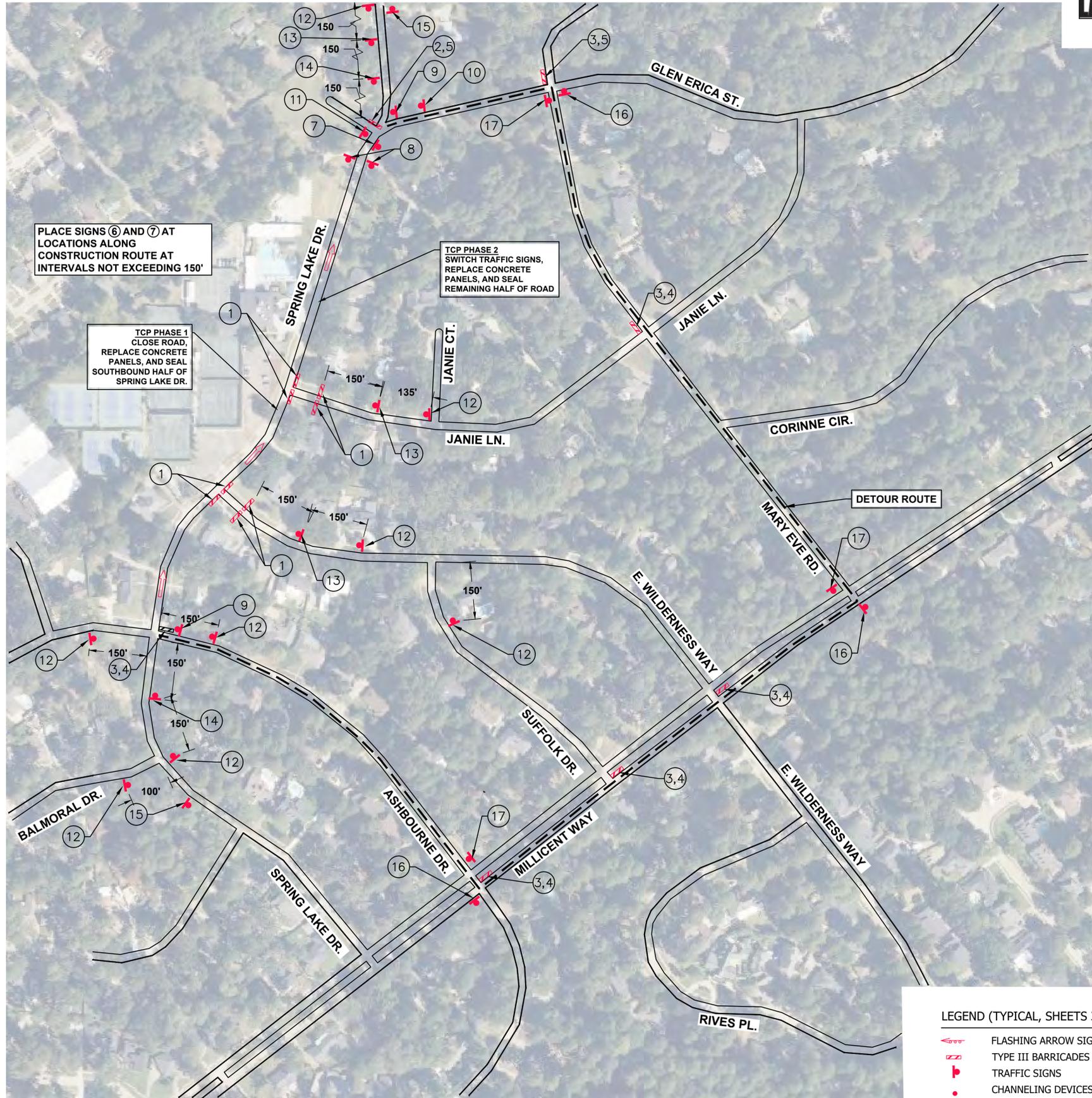
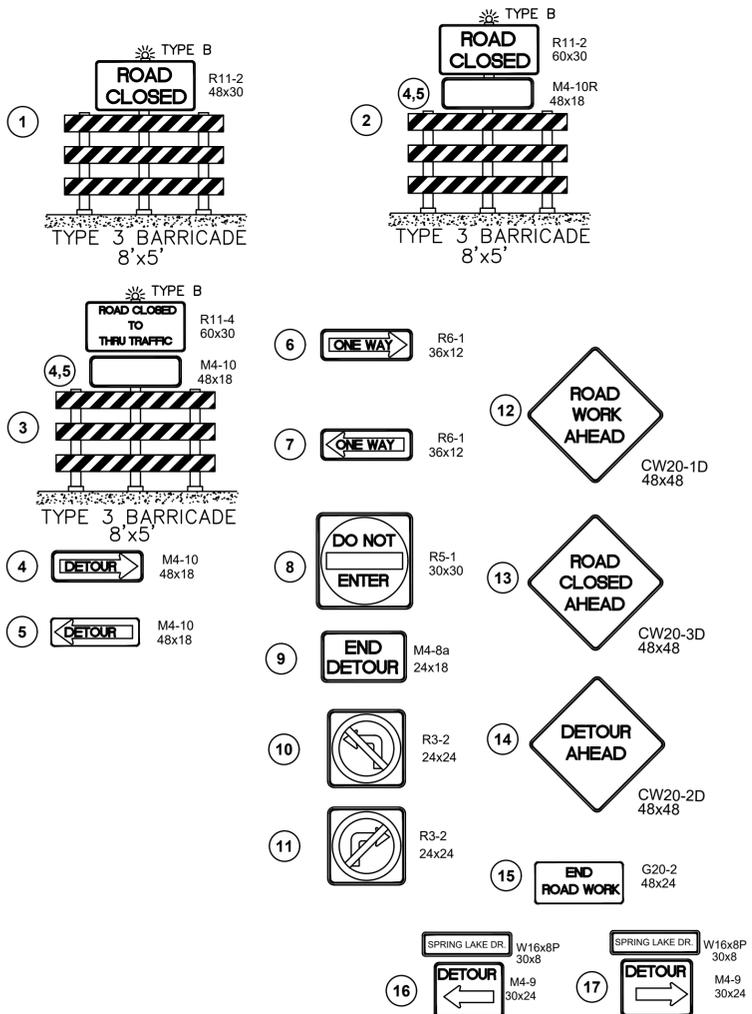
- A. CITY OF SHREVEPORT ENGINEERING DIVISION
- B. CITY OF SHREVEPORT POLICE, FIRE, AND 911 CENTER
- C. CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT
- D. CADDO PARISH SHERIFF'S DEPARTMENT
- E. SPORTRAN

WRITTEN NOTICES SHALL BE SUBMITTED A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING TCP.

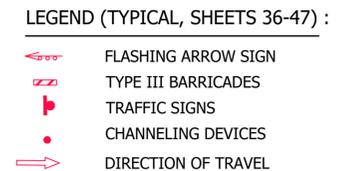
2. ALL SIGNAGE TO BE CONSTRUCTION SAFETY ORANGE, EXCEPT "ROAD CLOSED" SIGNS WHICH SHALL BE REFLECTIVE WHITE. FABRIC SIGNS ARE NOT PERMITTED.

3. ALL SIGNAGE SHALL BE MOUNTED 24" CLEAR FROM TRAVEL LANE AND 7" CLEAR HEIGHT FROM TOP OF CURB / EDGE OF TRAVEL LANE.

4. CONTRACTOR SHALL PROTECT EXCAVATION AREA WITH ADEQUATE CONSTRUCTION SAFETY FENCE TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION AREA.



**SPRING LAKE DR. E. WILDERNESS WAY TO JANIE LN.
SUGGESTED TRAFFIC CONTROL PLAN**



THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. COPYRIGHT NOTICE: THIS ENGINEERING DRAWING SHALL BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED. PRIOR WRITTEN CONSENT OF OWEN ENGINEERING, LLC. ALL COMMON RIGHTS RESERVED. OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

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(818) 828-1126

BALAR CONSULTING ENGINEERS
BALAR ASSOCIATES, INC.
Louisiana Registration No. 64

631 MILAM STREET, SUITE 300
SHREVEPORT, LOUISIANA 71101
PHONE: 318-221-8312
E-MAIL: balar@balar-engineers.com

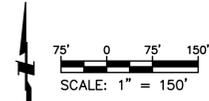


PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001
SPRING LAKE DRIVE SUGGESTED TRAFFIC CONTROL PLAN



PROJECT NO: OE 2025-13
DATE: JANUARY 19, 2026
SHEET NO.

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.



SUGGESTED TRAFFIC CONTROL PLAN FOR STEERE DRIVE

GENERAL NOTES

1. PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE FOLLOWING:

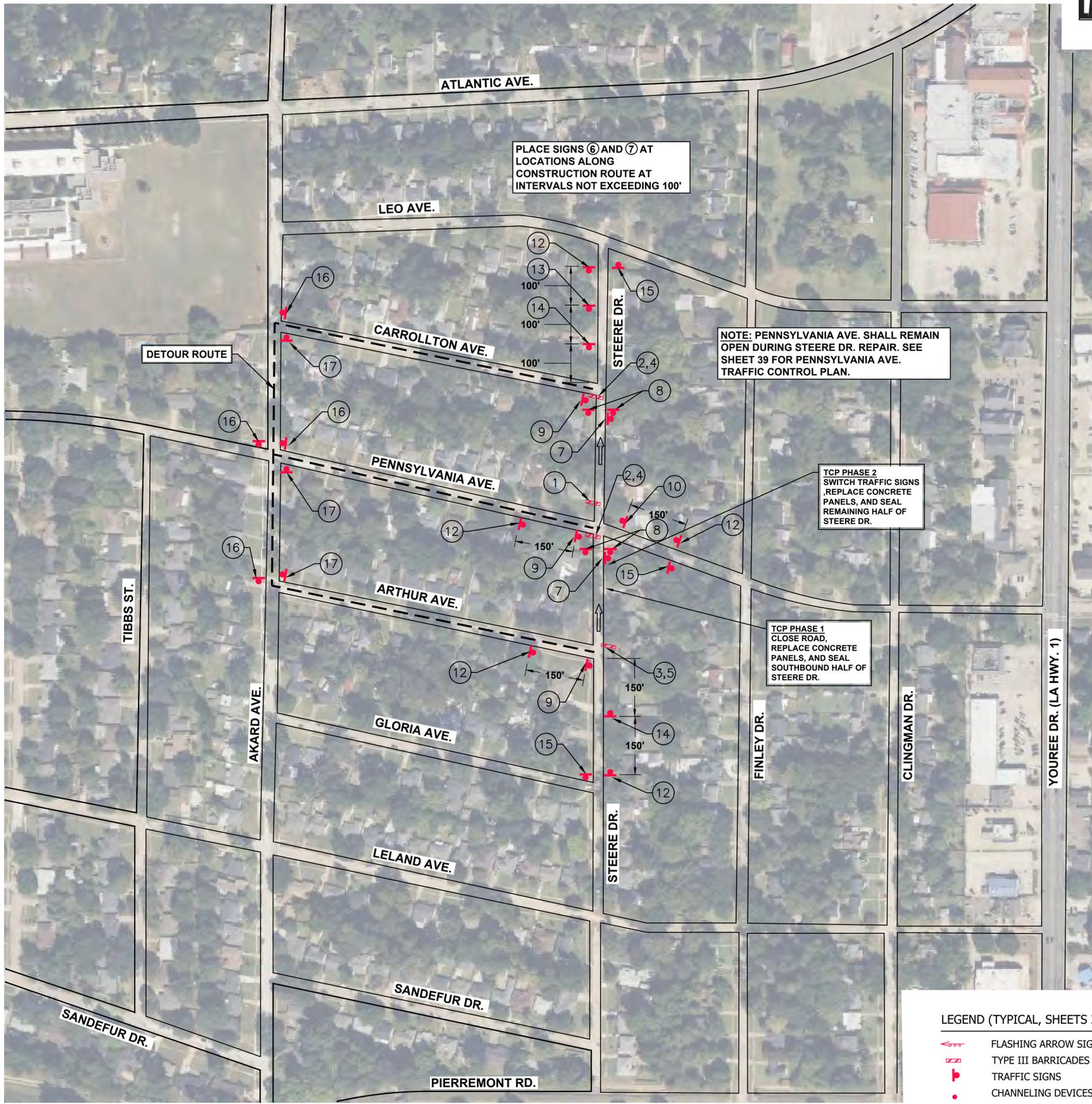
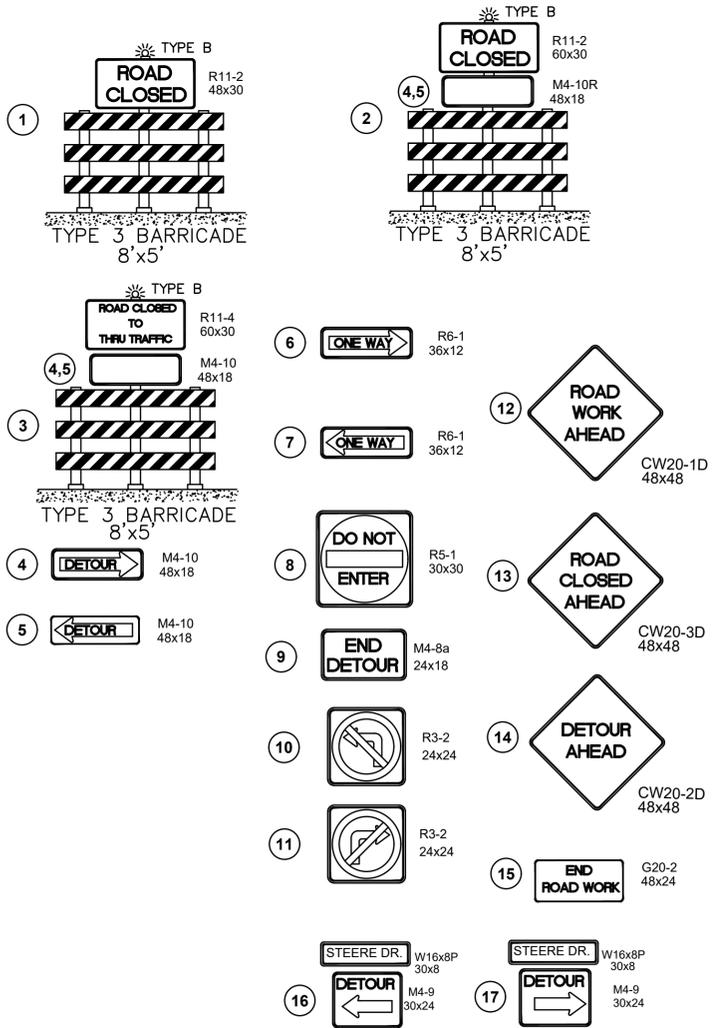
- A. CITY OF SHREVEPORT ENGINEERING DIVISION
- B. CITY OF SHREVEPORT POLICE, FIRE, AND 911 CENTER
- C. CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT
- D. CADDO PARISH SHERIFF'S DEPARTMENT
- E. SPORTRAN

WRITTEN NOTICES SHALL BE SUBMITTED A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING TCP.

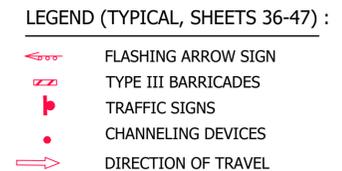
2. ALL SIGNAGE TO BE CONSTRUCTION SAFETY ORANGE, EXCEPT "ROAD CLOSED" SIGNS WHICH SHALL BE REFLECTIVE WHITE. FABRIC SIGNS ARE NOT PERMITTED.

3. ALL SIGNAGE SHALL BE MOUNTED 24" CLEAR FROM TRAVEL LANE AND 7' CLEAR HEIGHT FROM TOP OF CURB / EDGE OF TRAVEL LANE.

4. CONTRACTOR SHALL PROTECT EXCAVATION AREA WITH ADEQUATE CONSTRUCTION SAFETY FENCE TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION AREA.



STEERE DR. ARTHUR AVE. TO PENNSYLVANIA AVE. SUGGESTED TRAFFIC CONTROL PLAN



THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. COPYRIGHT NOTICE: THIS ENGINEERING DRAWING SHALL BE USED ONLY FOR THE PROJECT AND LOCATION SPECIFICALLY IDENTIFIED HEREIN. NO OTHER USE, REPRODUCTION, OR DISSEMINATION OF THIS DRAWING OR INFORMATION CONTAINED HEREIN IS PERMITTED WITHOUT THE WRITTEN CONSENT OF OWEN ENGINEERING, LLC. ALL COMMON LAW AND STATUTE RIGHTS AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

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OWEN ENGINEERING, LLC
(504) 838-1126

E. ADONIS (Louisiana Engineer)
BALAR ASSOCIATES, INC.
2776 Mississippi
Frazier (Texas)
FIRM REGISTRATION NUMBER

BALAR
CONSULTING ENGINEERS
BALAR ASSOCIATES, INC. #4
Louisiana Registration No. 64

631 MILAM STREET, SUITE 300
SHREVEPORT, LOUISIANA 71101
PHONE: 318-221-8312
E-MAIL: balar@balar-engineers.com

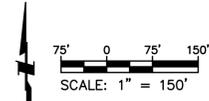


PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001
STEERE DRIVE SUGGESTED TRAFFIC CONTROL PLAN



PROJECT NO: OE 2025-13
DATE: JANUARY 19, 2026
SHEET NO.

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.



SUGGESTED TRAFFIC CONTROL PLAN FOR PENNSYLVANIA AVE.

GENERAL NOTES

1. PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE FOLLOWING:

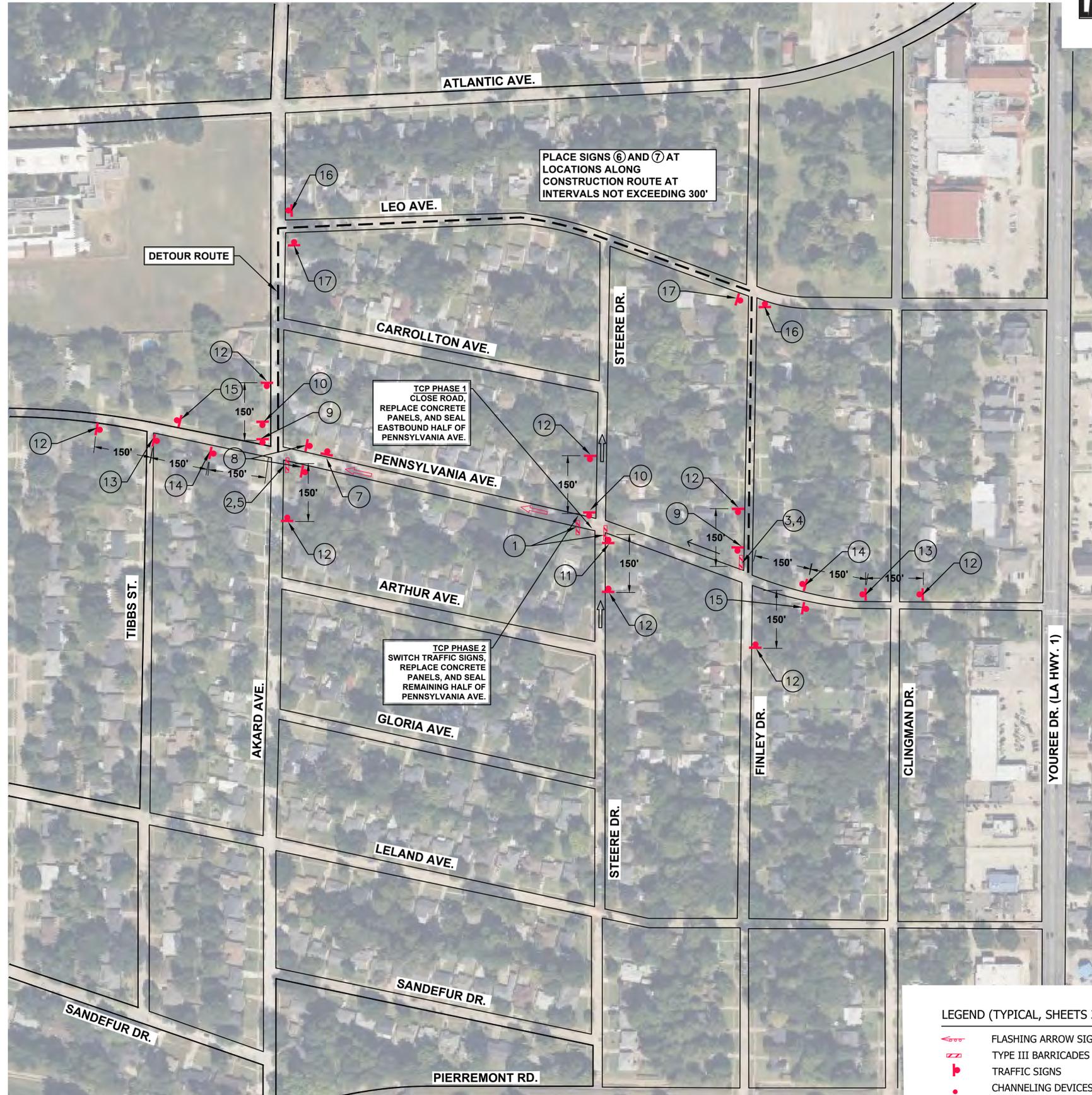
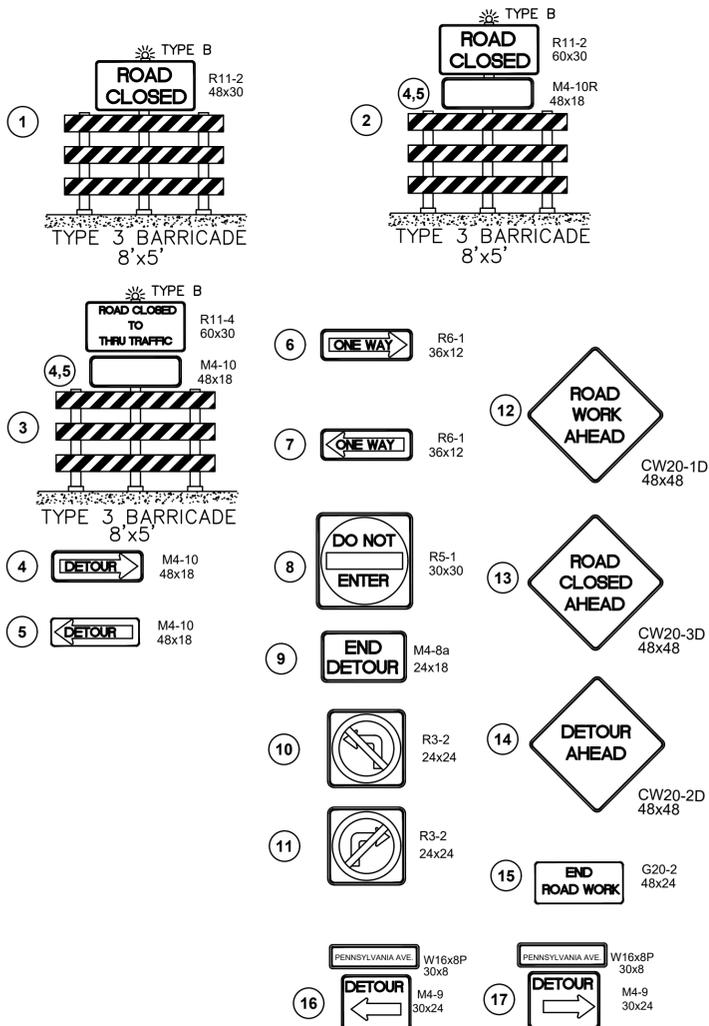
- A. CITY OF SHREVEPORT ENGINEERING DIVISION
- B. CITY OF SHREVEPORT POLICE, FIRE, AND 911 CENTER
- C. CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT
- D. CADDO PARISH SHERIFF'S DEPARTMENT
- E. SPORTRAN

WRITTEN NOTICES SHALL BE SUBMITTED A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING TCP.

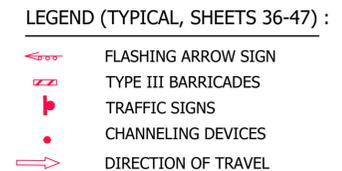
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3. ALL SIGNAGE SHALL BE MOUNTED 24" CLEAR FROM TRAVEL LANE AND 7" CLEAR HEIGHT FROM TOP OF CURB / EDGE OF TRAVEL LANE.

4. CONTRACTOR SHALL PROTECT EXCAVATION AREA WITH ADEQUATE CONSTRUCTION SAFETY FENCE TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION AREA.



PENNSYLVANIA AVE. SUGGESTED TRAFFIC CONTROL PLAN



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 900 Market St., Suite 201
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 (504) 833-1126
 E. 000046 (Louisiana Engineer)
 BALAK ASSOCIATES, INC. #64
 (Louisiana Registration No. 64)
 FIRM REGISTRATION NUMBER: 2776 (Mississippi)
 F. 000000 (Professional Engineer)

REV.	DATE	REVISION DESCRIPTION

BALAR
 CONSULTING ENGINEERS
 BALAK ASSOCIATES, INC. #64
 (Louisiana Registration No. 64)

631 MILAM STREET, SUITE 300
 SHREVEPORT, LOUISIANA 71101
 PHONE: 318-221-8312
 E-MAIL: balar@balar-engineers.com

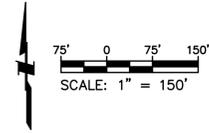


PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
PENNSYLVANIA AVE. SUGGESTED TRAFFIC CONTROL PLAN



PROJECT NO: OE 2025-13
 DATE: JANUARY 19, 2026
 SHEET NO.

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.



SUGGESTED TRAFFIC CONTROL PLAN FOR LOGAN ST.

GENERAL NOTES

1. PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE FOLLOWING:

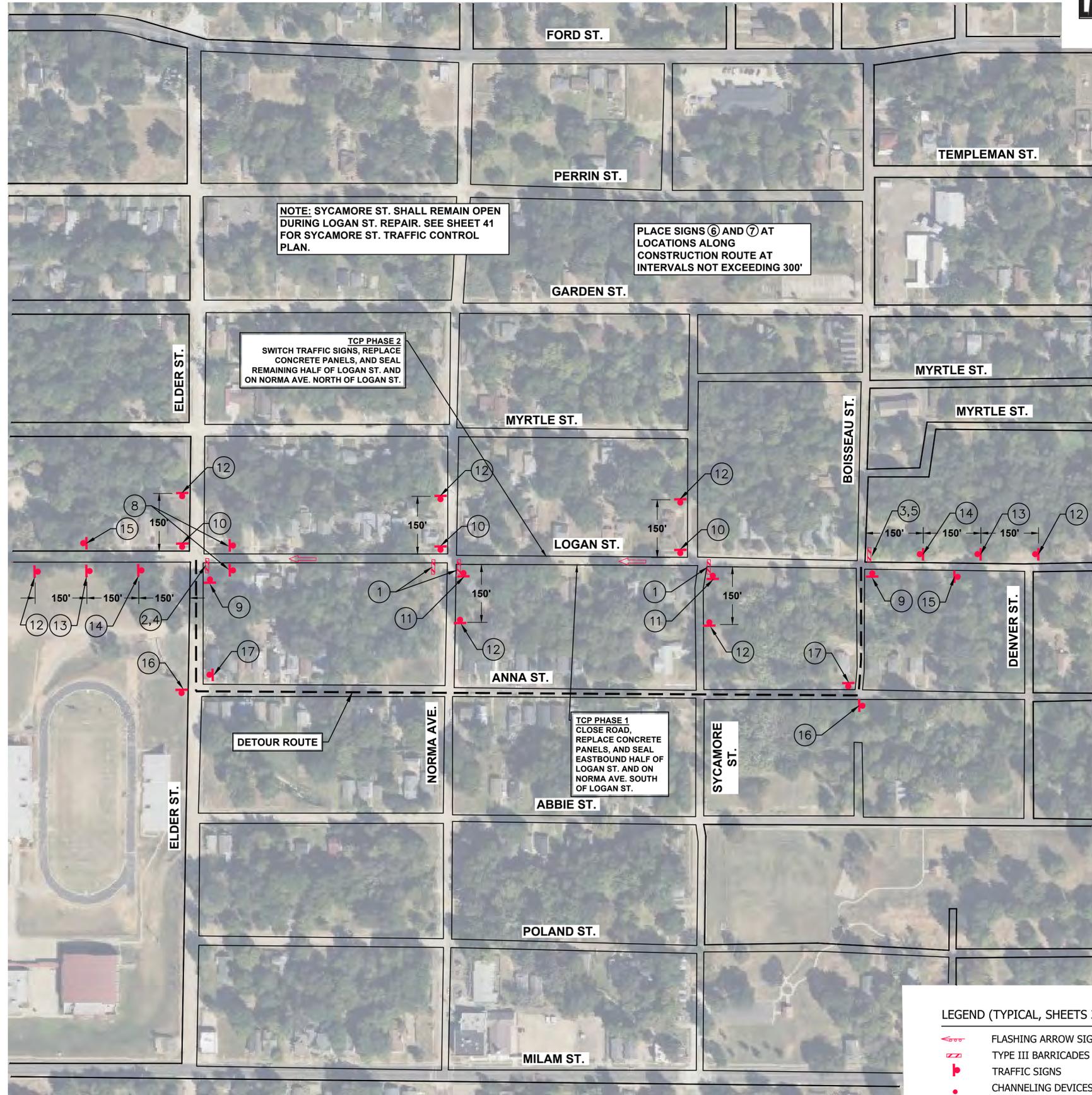
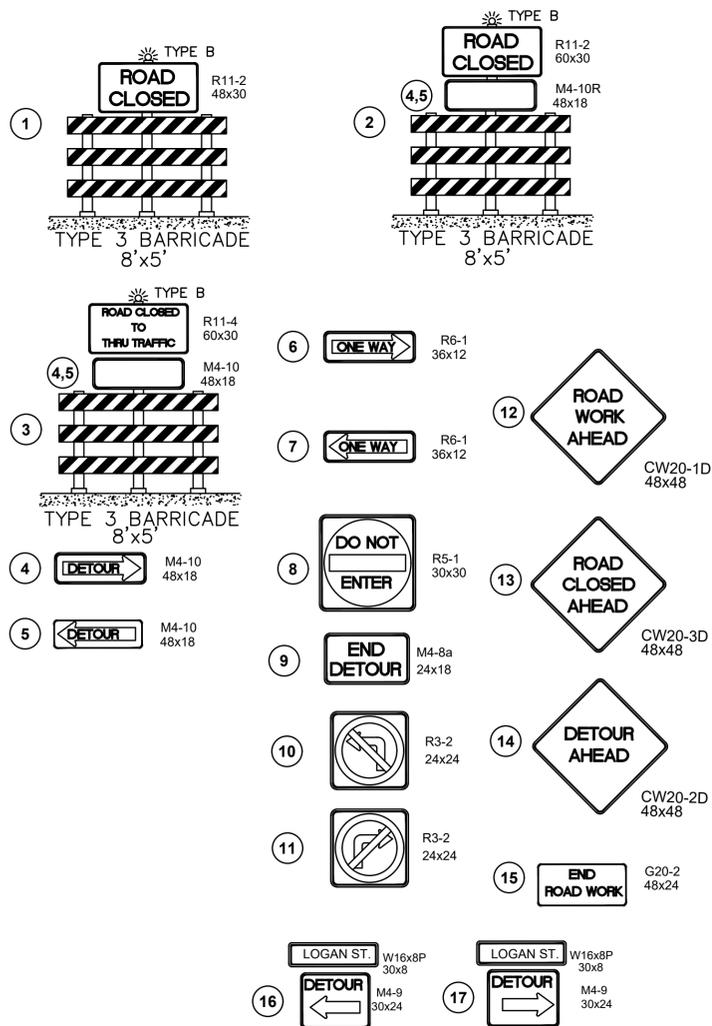
- A. CITY OF SHREVEPORT ENGINEERING DIVISION
- B. CITY OF SHREVEPORT POLICE, FIRE, AND 911 CENTER
- C. CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT
- D. CADDO PARISH SHERIFF'S DEPARTMENT
- E. SPORTRAN

WRITTEN NOTICES SHALL BE SUBMITTED A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING TCP.

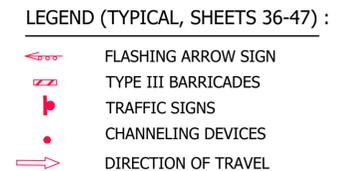
2. ALL SIGNAGE TO BE CONSTRUCTION SAFETY ORANGE, EXCEPT "ROAD CLOSED" SIGNS WHICH SHALL BE REFLECTIVE WHITE. FABRIC SIGNS ARE NOT PERMITTED.

3. ALL SIGNAGE SHALL BE MOUNTED 24" CLEAR FROM TRAVEL LANE AND 7' CLEAR HEIGHT FROM TOP OF CURB / EDGE OF TRAVEL LANE.

4. CONTRACTOR SHALL PROTECT EXCAVATION AREA WITH ADEQUATE CONSTRUCTION SAFETY FENCE TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION AREA.



LOGAN ST. SUGGESTED TRAFFIC CONTROL PLAN



THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. COPYRIGHT NOTICE: THIS ENGINEERING DRAWING SHALL BE USED ONLY FOR THE PROJECT AND LOCATION IDENTIFIED HEREIN. NO OTHER USE, REPRODUCTION, OR DISSEMINATION OF THIS DRAWING OR INFORMATION CONTAINED HEREIN IS PERMITTED WITHOUT THE WRITTEN CONSENT OF OWEN ENGINEERING, LLC. ALL COMMON LAW AND STATUTE RIGHTS AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

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 (504) 835-1126
 E. 400046 (Louisiana Engineer)
 BALAR ASSOCIATES, INC.
 2776 Mississippi
 Frisco, Texas
 E. 000046 (Mississippi Engineer)

REV.	DATE	REVISION DESCRIPTION

BALAR
 CONSULTING ENGINEERS
 BALAR ASSOCIATES, INC.
 Louisiana Registration No. 64

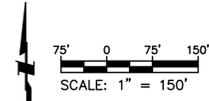
631 MILAM STREET, SUITE 300
 SHREVEPORT, LOUISIANA 71101
 PHONE : 318-221-8312
 E-MAIL: balar@balar-engineers.com



PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
LOGAN ST. SUGGESTED TRAFFIC CONTROL PLAN



PROJECT NO: OE 2025-13
 DATE: JANUARY 19, 2026
 SHEET NO.



SUGGESTED TRAFFIC CONTROL PLAN FOR SYCAMORE ST.

GENERAL NOTES

1. PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE FOLLOWING:

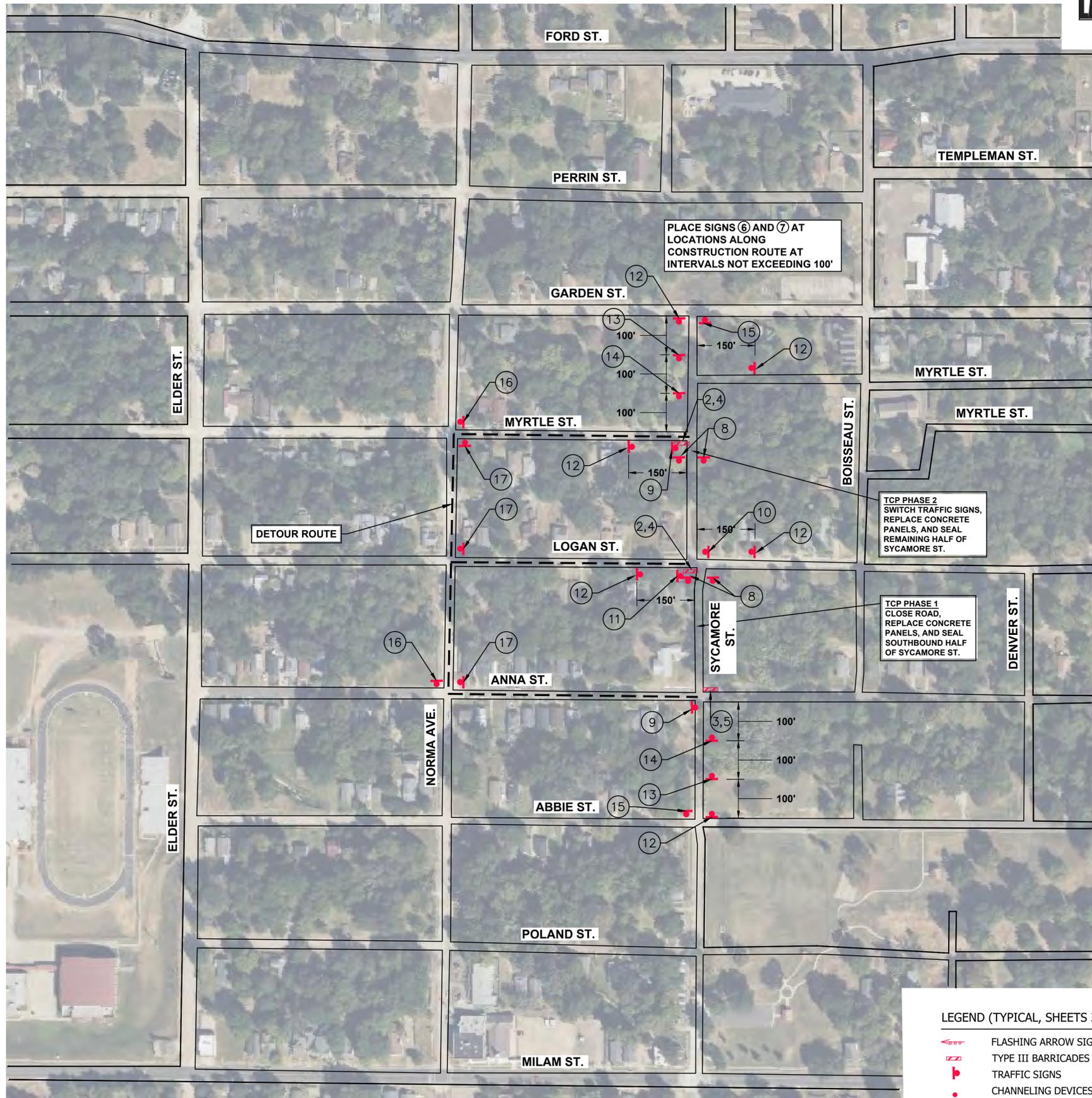
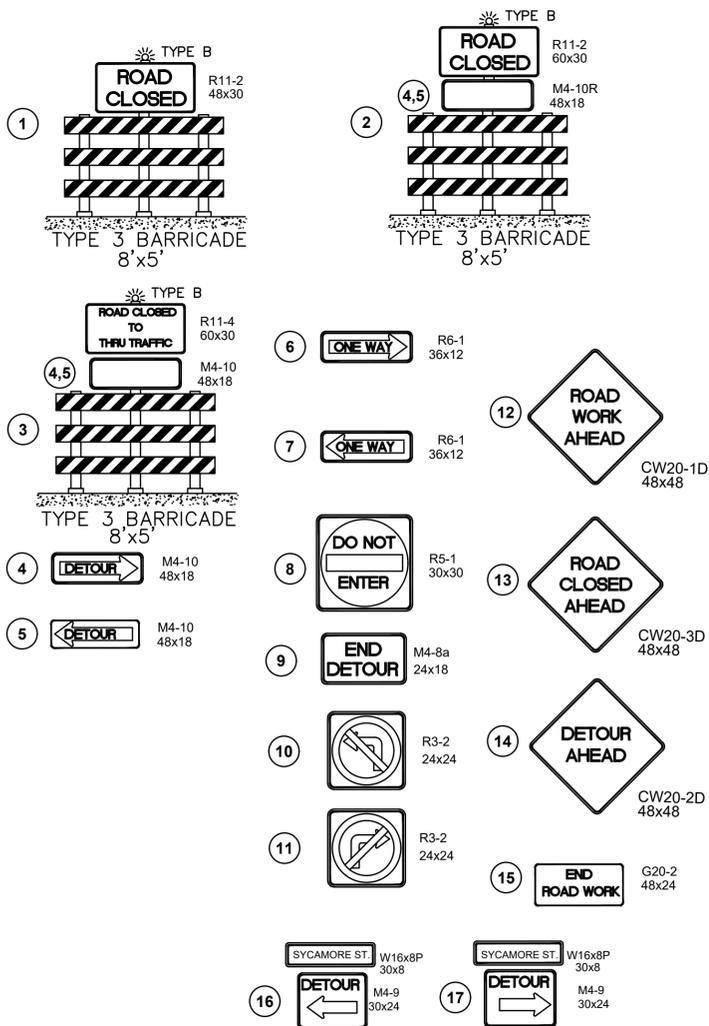
- A. CITY OF SHREVEPORT ENGINEERING DIVISION
- B. CITY OF SHREVEPORT POLICE, FIRE, AND 911 CENTER
- C. CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT
- D. CADDO PARISH SHERIFF'S DEPARTMENT
- E. SPORTRAN

WRITTEN NOTICES SHALL BE SUBMITTED A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING TCP.

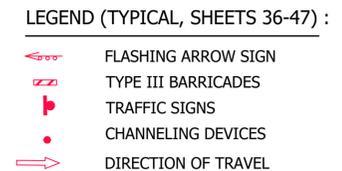
2. ALL SIGNAGE TO BE CONSTRUCTION SAFETY ORANGE, EXCEPT "ROAD CLOSED" SIGNS WHICH SHALL BE REFLECTIVE WHITE. FABRIC SIGNS ARE NOT PERMITTED.

3. ALL SIGNAGE SHALL BE MOUNTED 24" CLEAR FROM TRAVEL LANE AND 7' CLEAR HEIGHT FROM TOP OF CURB / EDGE OF TRAVEL LANE.

4. CONTRACTOR SHALL PROTECT EXCAVATION AREA WITH ADEQUATE CONSTRUCTION SAFETY FENCE TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION AREA.



SYCAMORE ST. SUGGESTED TRAFFIC CONTROL PLAN



THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. COPYRIGHT NOTICE: THIS ENGINEERING DRAWING SHALL BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED. NO OTHER USE, REPRODUCTION, OR DISSEMINATION OF THIS INFORMATION MAY BE MADE WITHOUT THE PRIOR WRITTEN CONSENT OF OWEN ENGINEERING, LLC. ALL COMMON LAW RIGHTS ARE RESERVED AND OTHERWISE ARE SPECIFICALLY RESERVED.

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 Shreveport, LA 71101
 (818) 828-1126
 E. 000046 (Louisiana Engineer)
 BALAR ASSOCIATES, INC.
 2776 Mississippi
 Frisco, TX 75034
 REGISTRATION NUMBER: 17000000

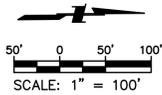
BALAR
 CONSULTING ENGINEERS
 BALAR ASSOCIATES, INC.
 Louisiana Registration No. 64
 631 MILAM STREET, SUITE 300
 SHREVEPORT, LOUISIANA 71101
 PHONE: 318-221-8312
 E-MAIL: balar@balar-engineers.com



PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001
SYCAMORE ST. SUGGESTED TRAFFIC CONTROL PLAN



PROJECT NO: OE 2025-13
 DATE: JANUARY 19, 2026
 SHEET NO.



SUGGESTED TRAFFIC CONTROL PLAN FOR SAMFORD AVE. PHASE 1

GENERAL NOTES

1. PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE FOLLOWING:

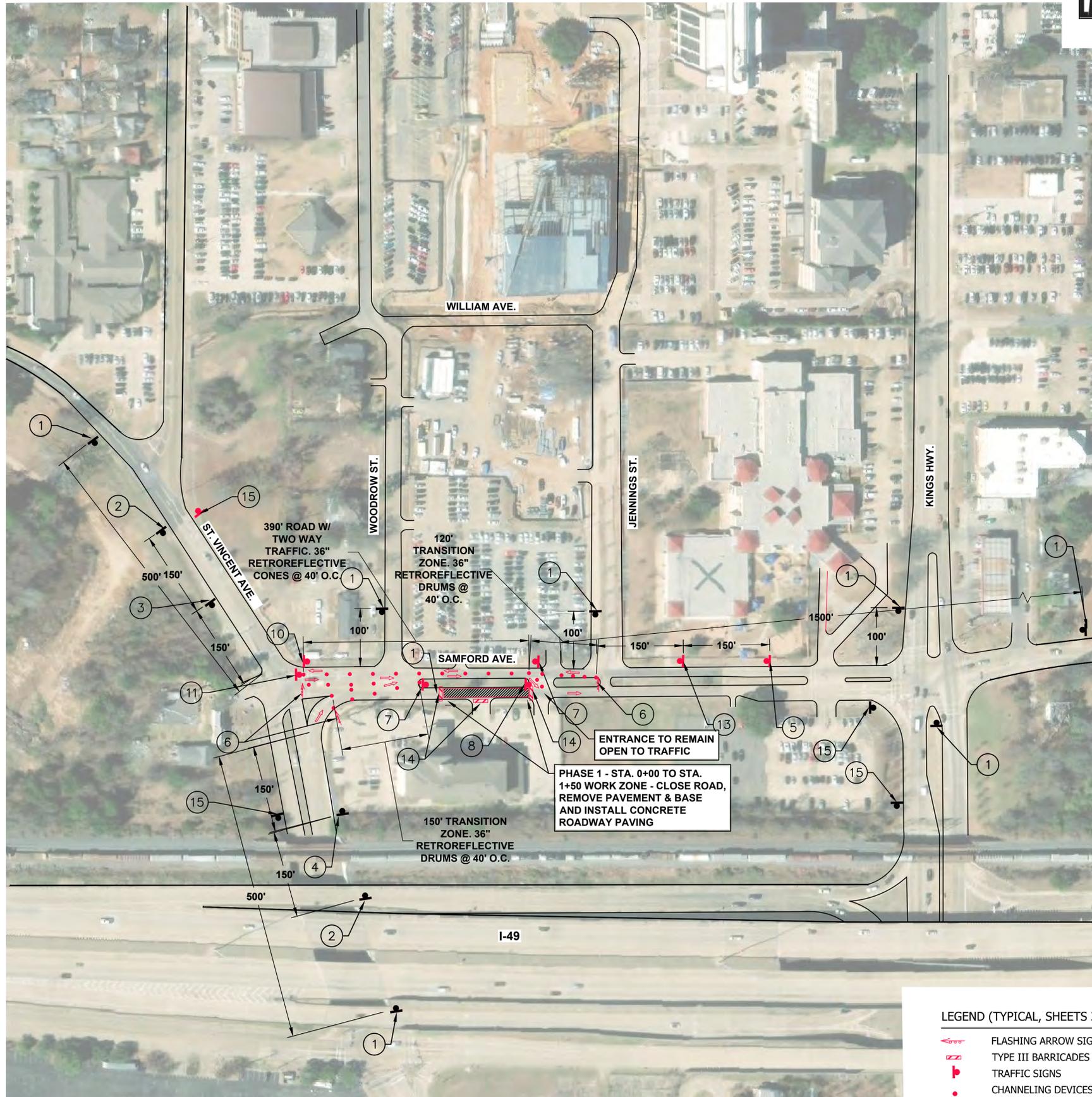
- A. CITY OF SHREVEPORT ENGINEERING DIVISION
- B. CITY OF SHREVEPORT POLICE, FIRE, AND 911 CENTER
- C. CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT
- D. CADDO PARISH SHERIFF'S DEPARTMENT
- E. SPORTRAN

WRITTEN NOTICES SHALL BE SUBMITTED A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING TCP.

2. ALL SIGNAGE TO BE CONSTRUCTION SAFETY ORANGE, EXCEPT "ROAD CLOSED" SIGNS WHICH SHALL BE REFLECTIVE WHITE. FABRIC SIGNS ARE NOT PERMITTED.

3. ALL SIGNAGE SHALL BE MOUNTED 24" CLEAR FROM TRAVEL LANE AND 7' CLEAR HEIGHT FROM TOP OF CURB / EDGE OF TRAVEL LANE.

4. CONTRACTOR SHALL PROTECT EXCAVATION AREA WITH ADEQUATE CONSTRUCTION SAFETY FENCE TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION AREA.



SAMFORD AVE. SUGGESTED TRAFFIC CONTROL PLAN PHASE 1 OF 6



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 (818) 828-1126

PROFESSIONAL ENGINEER
 E. 000006 (Louisiana Engineer)
 BALAK ASSOCIATES, INC. #4
 Louisiana Registration No. 64

631 MILAM STREET, SUITE 300
 SHREVEPORT, LOUISIANA 71101
 PHONE: 318-221-8312
 E-MAIL: balar@balar-engineers.com



PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

SAMFORD AVE. SUGGESTED TRAFFIC CONTROL PLAN - PHASE 1

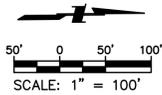


PROJECT NO: OE 2025-13

DATE: JANUARY 19, 2026

SHEET NO. 42

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.



SUGGESTED TRAFFIC CONTROL PLAN FOR SAMFORD AVE. PHASE 3

GENERAL NOTES

1. PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE FOLLOWING:

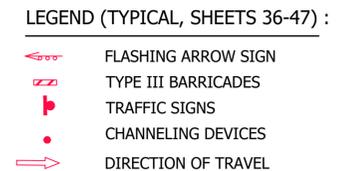
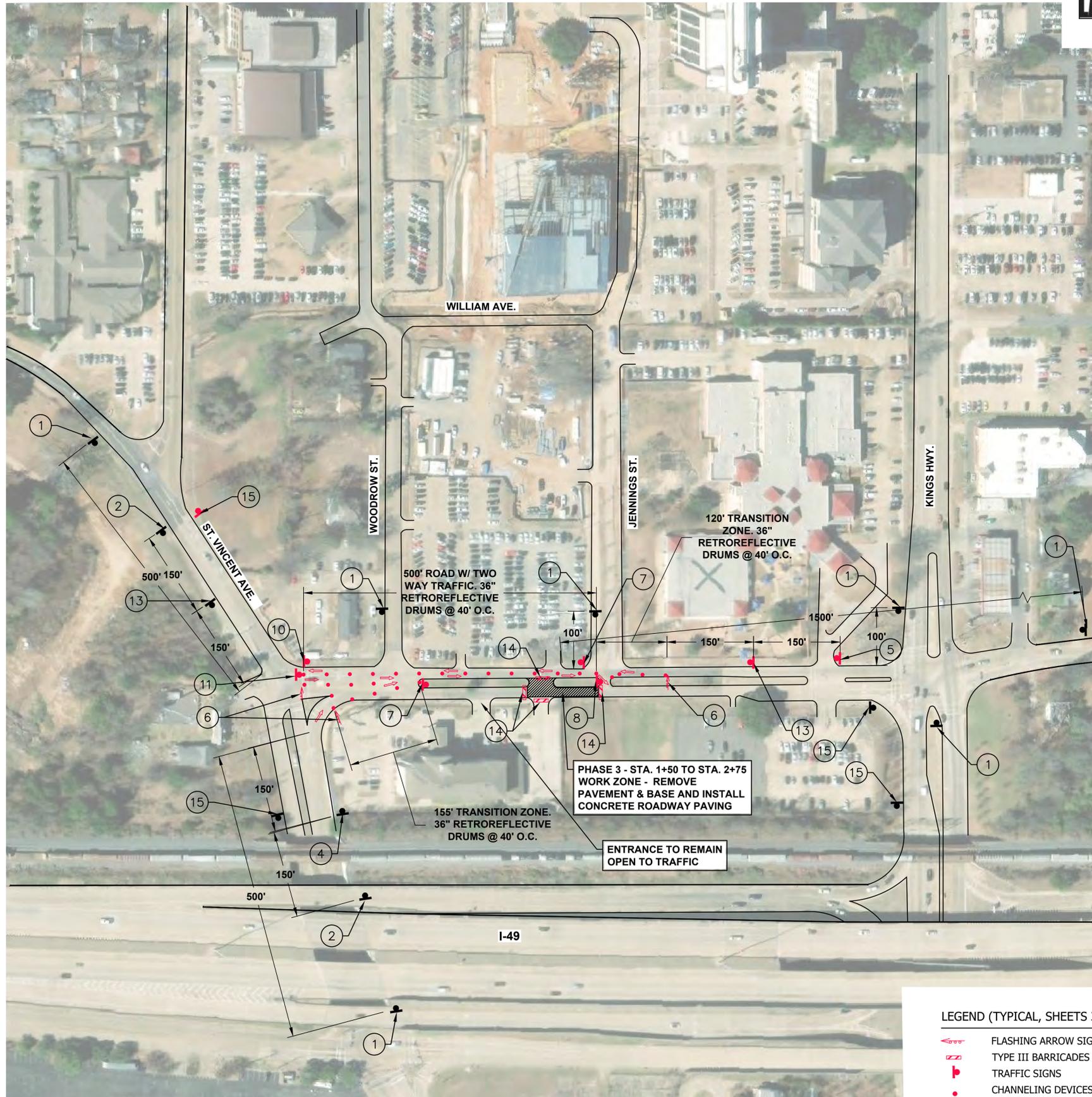
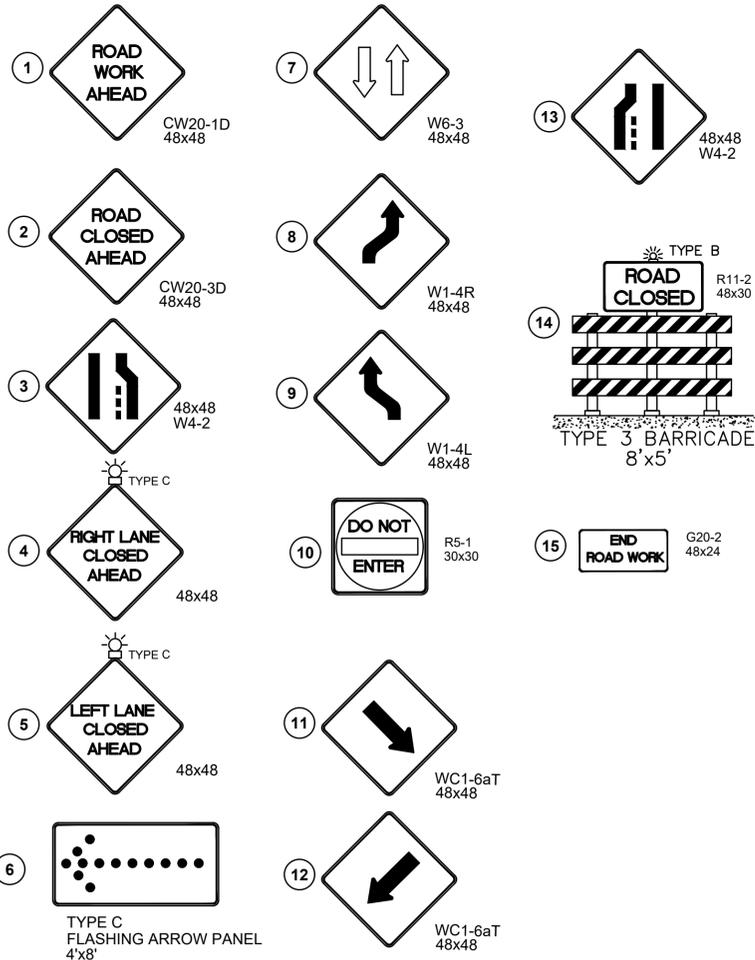
- A. CITY OF SHREVEPORT ENGINEERING DIVISION
- B. CITY OF SHREVEPORT POLICE, FIRE, AND 911 CENTER
- C. CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT
- D. CADDO PARISH SHERIFF'S DEPARTMENT
- E. SPORTRAN

WRITTEN NOTICES SHALL BE SUBMITTED A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING TCP.

2. ALL SIGNAGE TO BE CONSTRUCTION SAFETY ORANGE, EXCEPT "ROAD CLOSED" SIGNS WHICH SHALL BE REFLECTIVE WHITE. FABRIC SIGNS ARE NOT PERMITTED.

3. ALL SIGNAGE SHALL BE MOUNTED 24" CLEAR FROM TRAVEL LANE AND 7' CLEAR HEIGHT FROM TOP OF CURB / EDGE OF TRAVEL LANE.

4. CONTRACTOR SHALL PROTECT EXCAVATION AREA WITH ADEQUATE CONSTRUCTION SAFETY FENCE TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION AREA.



SAMFORD AVE. SUGGESTED TRAFFIC CONTROL PLAN PHASE 3 OF 6



THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. COPYRIGHT NOTICE: THIS ENGINEERING DRAWING SHALL BE USED ONLY FOR THE PROJECT AND LOCATION IDENTIFIED HEREIN. NO OTHER USE, REPRODUCTION OR DISTRIBUTION IS PERMITTED WITHOUT THE WRITTEN CONSENT OF OWEN ENGINEERING, LLC. ALL COMMON LAW AND STATUTE RIGHTS AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

OWEN ENGINEERING, LLC
 900 Market St., Suite 201
 Shreveport, LA 71101
 (818) 828-1126

E. ADONIS License No. 2776 (Mississippi)
 Professional Engineer
 Registration No. 64

BALAR
 CONSULTING ENGINEERS
 BALAR ASSOCIATES, INC. #4
 Louisiana Registration No. 64

631 MILAM STREET, SUITE 300
 SHREVEPORT, LOUISIANA 71101
 PHONE : 318-221-8312
 E-MAIL: balar@balar-engineers.com



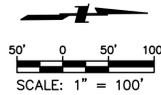
PAVEMENT IMPROVEMENTS
 VOLUME 1B
 CITY OF SHREVEPORT
 PROJECT NUMBER: C24001

SAMFORD AVE. SUGGESTED TRAFFIC CONTROL PLAN - PHASE 3



PROJECT NO: OE 2025-13
 DATE: JANUARY 19, 2026
 SHEET NO.

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.



SUGGESTED TRAFFIC CONTROL PLAN FOR SAMFORD AVE. PHASE 4

GENERAL NOTES

1. PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE FOLLOWING:

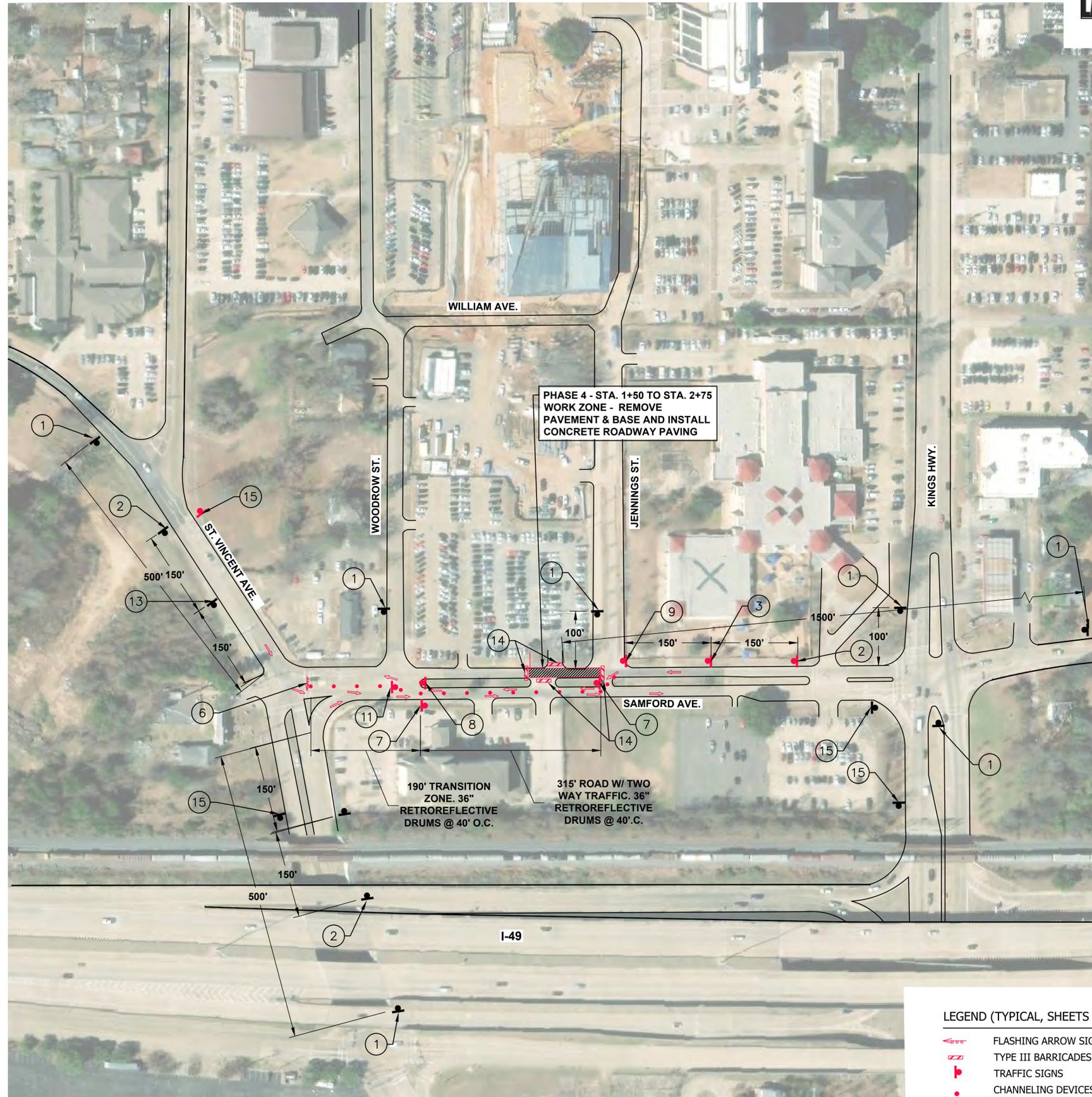
- A. CITY OF SHREVEPORT ENGINEERING DIVISION
- B. CITY OF SHREVEPORT POLICE, FIRE, AND 911 CENTER
- C. CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT
- D. CADDO PARISH SHERIFF'S DEPARTMENT
- E. SPORTRAN

WRITTEN NOTICES SHALL BE SUBMITTED A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING TCP.

2. ALL SIGNAGE TO BE CONSTRUCTION SAFETY ORANGE, EXCEPT "ROAD CLOSED" SIGNS WHICH SHALL BE REFLECTIVE WHITE. FABRIC SIGNS ARE NOT PERMITTED.

3. ALL SIGNAGE SHALL BE MOUNTED 24" CLEAR FROM TRAVEL LANE AND 7' CLEAR HEIGHT FROM TOP OF CURB / EDGE OF TRAVEL LANE.

4. CONTRACTOR SHALL PROTECT EXCAVATION AREA WITH ADEQUATE CONSTRUCTION SAFETY FENCE TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION AREA.



LEGEND (TYPICAL, SHEETS 36-47) :

- FLASHING ARROW SIGN
- TYPE III BARRICADES
- TRAFFIC SIGNS
- CHANNELING DEVICES
- DIRECTION OF TRAVEL

SAMFORD AVE. SUGGESTED TRAFFIC CONTROL PLAN PHASE 4 OF 6

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E. ADONIS (Louisiana Engineer)
 BALAK ASSOCIATES, INC.
 2776 Mississippi
 Frisco, Texas

REV.	DATE	REVISION DESCRIPTION

BALAR
CONSULTING ENGINEERS

BALAR ASSOCIATES, INC.
Louisiana Registration No. 64

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PAVEMENT IMPROVEMENTS
VOLUME 1B
CITY OF SHREVEPORT
PROJECT NUMBER: C24001

SAMFORD AVE. SUGGESTED TRAFFIC CONTROL PLAN - PHASE 4

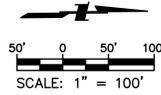
STATE OF LOUISIANA
MARK ENOS OWEN
License No. 28092
PROFESSIONAL ENGINEER
JANUARY 19, 2026

PROJECT NO: OE 2025-13

DATE: JANUARY 19, 2026

SHEET NO.

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SUGGESTED TRAFFIC CONTROL PLAN FOR SAMFORD AVE. PHASE 5

GENERAL NOTES

1. PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE FOLLOWING:

- A. CITY OF SHREVEPORT ENGINEERING DIVISION
- B. CITY OF SHREVEPORT POLICE, FIRE, AND 911 CENTER
- C. CADDO PARISH SCHOOL BOARD TRANSPORTATION DEPARTMENT
- D. CADDO PARISH SHERIFF'S DEPARTMENT
- E. SPORTRAN

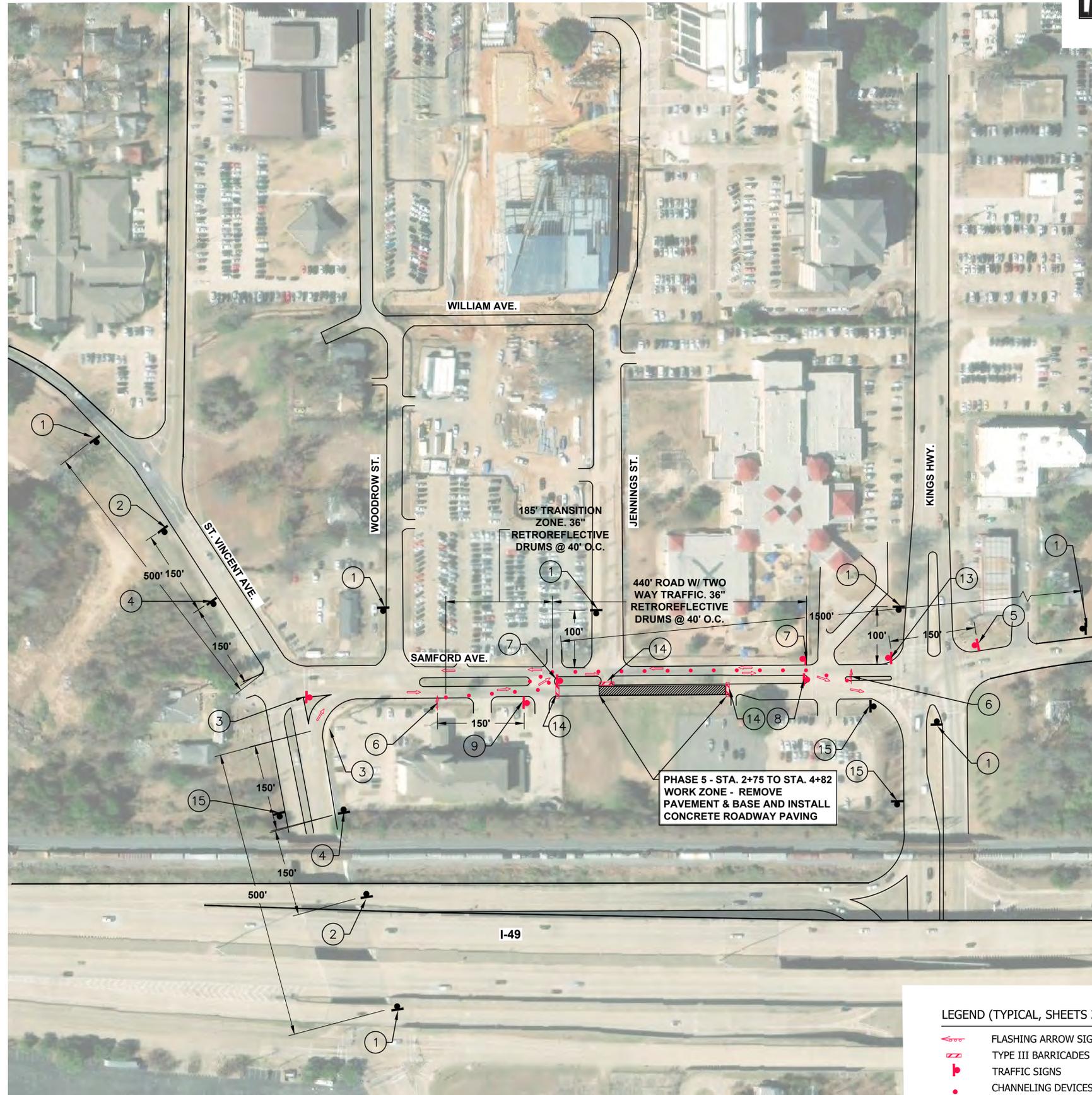
WRITTEN NOTICES SHALL BE SUBMITTED A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING TCP.

2. ALL SIGNAGE TO BE CONSTRUCTION SAFETY ORANGE, EXCEPT "ROAD CLOSED" SIGNS WHICH SHALL BE REFLECTIVE WHITE. FABRIC SIGNS ARE NOT PERMITTED.

3. ALL SIGNAGE SHALL BE MOUNTED 24" CLEAR FROM TRAVEL LANE AND 7' CLEAR HEIGHT FROM TOP OF CURB / EDGE OF TRAVEL LANE.

4. CONTRACTOR SHALL PROTECT EXCAVATION AREA WITH ADEQUATE CONSTRUCTION SAFETY FENCE TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION AREA.

1		CW20-1D 48x48	7		W6-3 48x48	13		48x48 W4-2
2		CW20-3D 48x48	8		W1-4R 48x48	14		R11-2 48x30
3		48x48 W4-2	9		W1-4L 48x48			TYPE 3 BARRICADE 8'x5'
4		48x48	10		R5-1 30x30	15		G20-2 48x24
5		48x48	11		WC1-6aT 48x48			
6		TYPE C FLASHING ARROW PANEL 4'x8'	12		WC1-6aT 48x48			



LEGEND (TYPICAL, SHEETS 36-47) :

- FLASHING ARROW SIGN
- TYPE III BARRICADES
- TRAFFIC SIGNS
- CHANNELING DEVICES
- DIRECTION OF TRAVEL

SAMFORD AVE. SUGGESTED TRAFFIC CONTROL PLAN PHASE 5 OF 6



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PAVEMENT IMPROVEMENTS
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 PROJECT NUMBER: C24001
SAMFORD AVE. SUGGESTED TRAFFIC CONTROL PLAN - PHASE 5

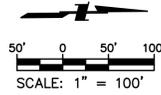
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SUGGESTED TRAFFIC CONTROL PLAN FOR SAMFORD AVE. PHASE 6

GENERAL NOTES

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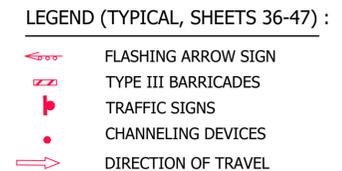
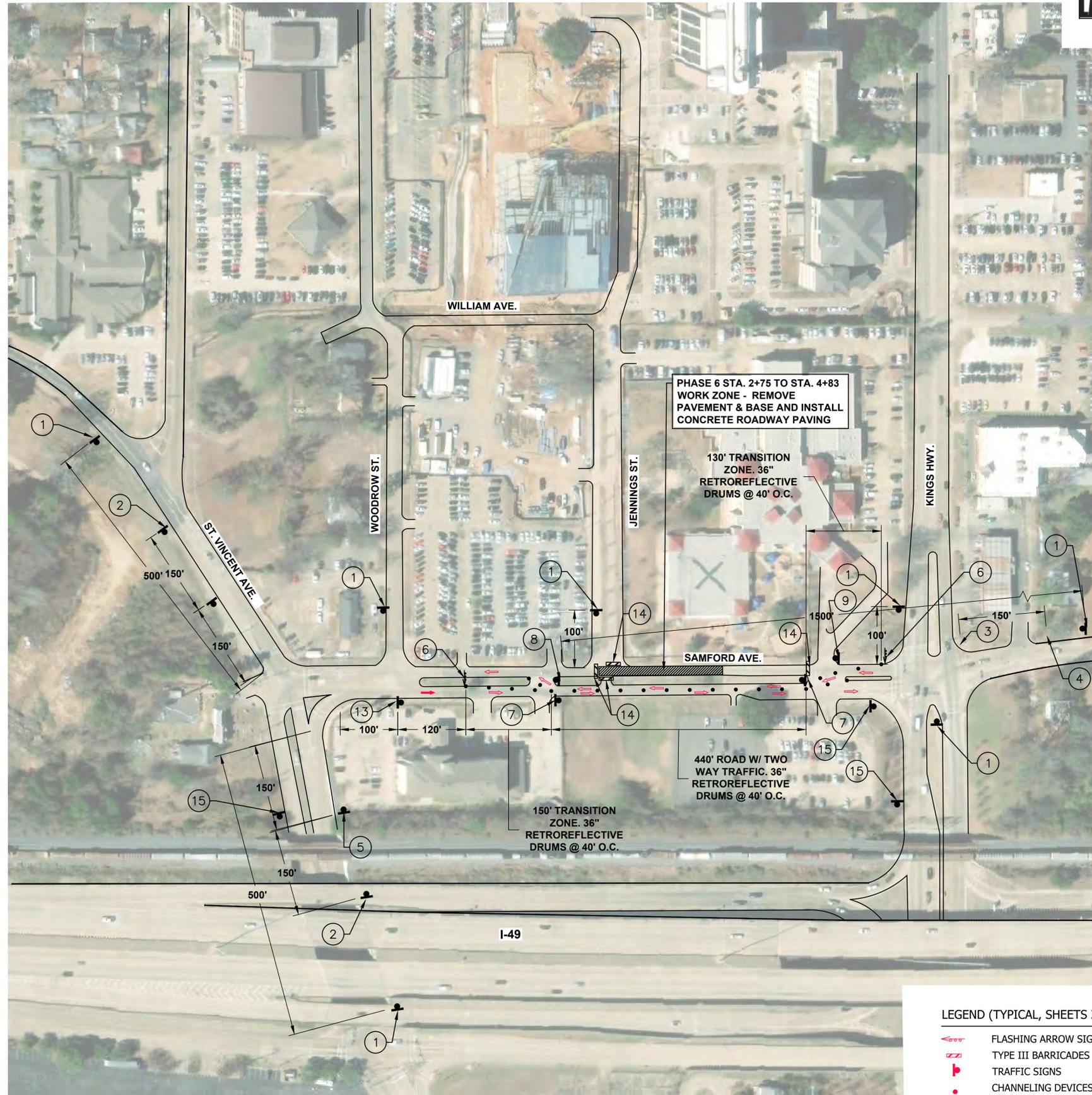
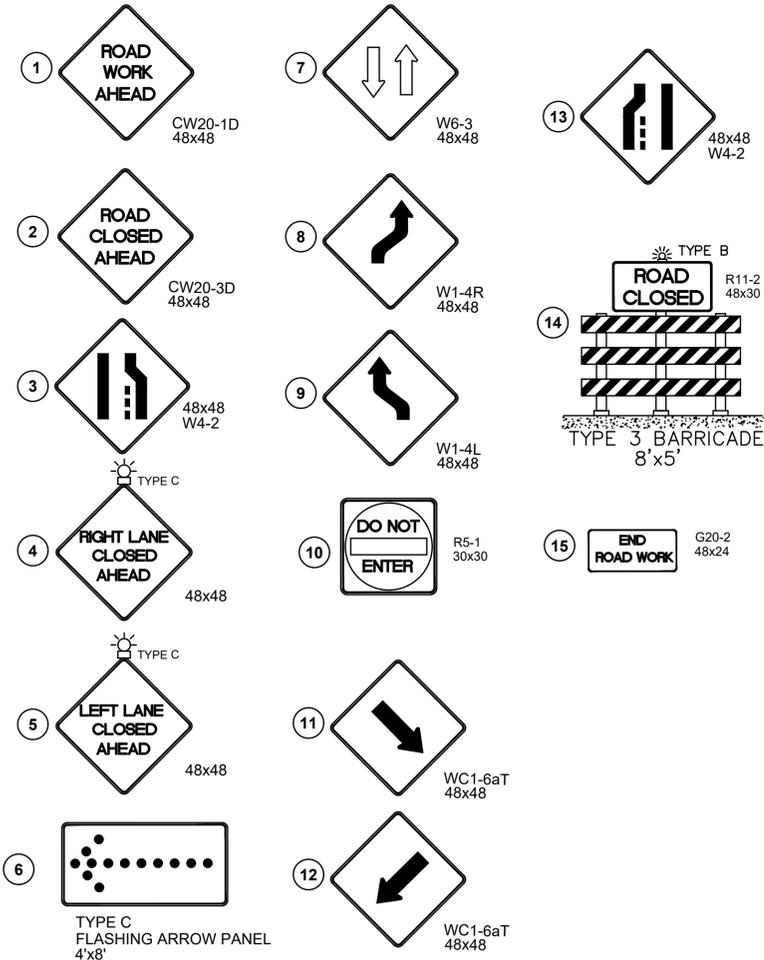
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SAMFORD AVE. SUGGESTED TRAFFIC CONTROL PLAN PHASE 6 OF 6



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SAMFORD AVE. SUGGESTED TRAFFIC CONTROL PLAN - PHASE 6



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