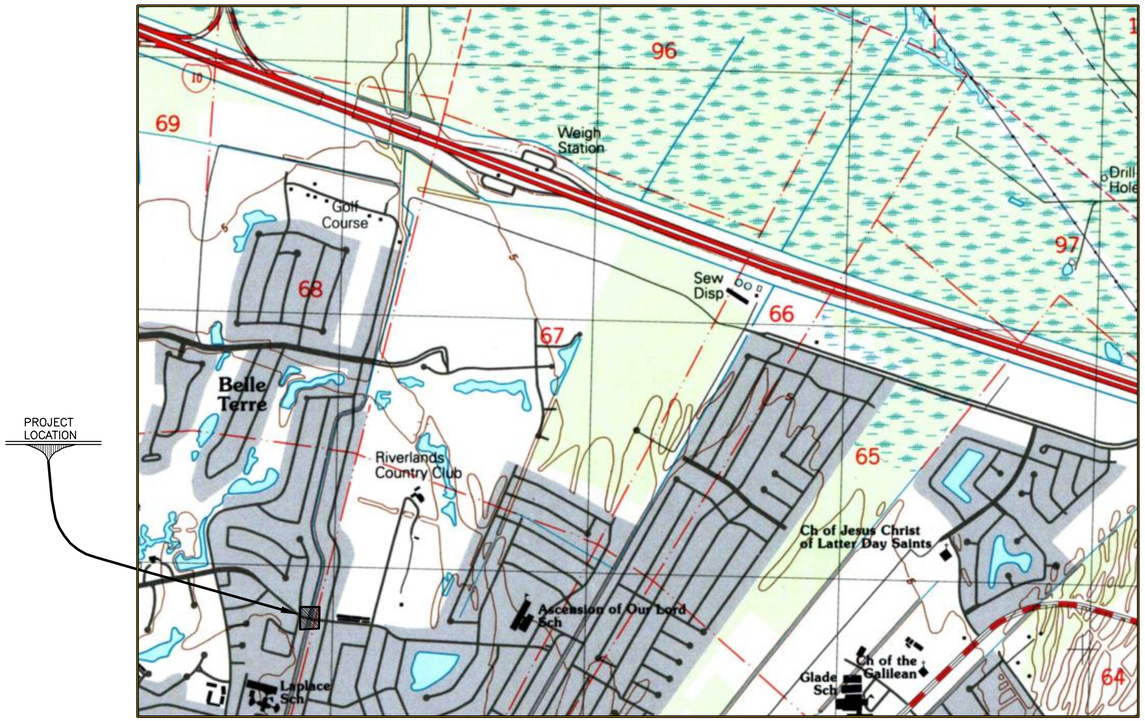
ST. JOHN THE BAPTIST PARISH
FAIRWAY DRIVE
BRIDGE REPLACEMENT
LAPLACE, LOUISIANA

INDEX TO SHEETS

LA DOTD STANDARD PLANS

EC–01 (2 SHTS)	TEMPORARY EROSION CONTROL DETAILS
PED–01 (4 SHTS)	PEDESTRIAN FACILITIES: CURB RAMPS, SIDEWALKS, INTERSECTION LAYOUTS AND DETECTABLE WARNINGS
TTC–00 (A–D)	TEMPORARY TRAFFIC CONTROL: GENERAL NOTES SHEETS
TTC–16	TEMPORARY TRAFFIC CONTROL FOR ROAD CLOSURES
YP–01	YEAR PLATE FOR CONCRETE STRUCTURES

TOTAL SHEETS: 17

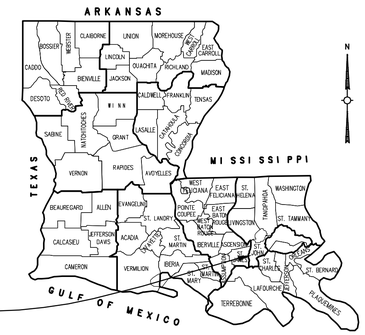


LAYOUT MAP

SCALE: 1 INCH = 1000 FEET

500 0 1000 2000 3000

LOCATION OF PROJECT



VICINITY MAP

N.T.S.

SCHEDULE OF REVISIONS

DATE	REVISION	DATE	RECOMMENDED	DATE	APPROVED

TYPE OF CONSTRUCTION :

CONCRETE SLAB SPAN BRIDGE, PORTLAND CEMENT CONCRETE PAVING.

NOTE:
THE 2006 LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS AMENDED BY THE PROJECT SPECIFICATIONS, SHALL GOVERN ON THIS PROJECT

LENGTH OF PROJECT

DESCRIPTION	ALGEBRAIC SUM OF ALL EQUATIONS	GROSS LENGTH	EXCEPTION	BRIDGE LENGTH		ROADWAY LENGTH	
STA. TO STA.	FEET	FEET	FEET	FEET	MILES	FEET	MILES
1+0.54 – 2+44.76	144.22		–	50	0.0095	94.22	0.0178
TOTAL LENGTH OF BRIDGES				50	0.0095		
TOTAL LENGTH OF ROADWAY						94.22	0.0178
TOTAL MILES				0.0273			

ANDRE C. MONNOT
License No. 33626
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
STATE OF LOUISIANA

PLANS PREPARED BY AND RECOMMENDED FOR APPROVAL:

ANDRE C. MONNOT, P.E.
VICE PRESIDENT
PRINCIPAL ENGINEERING, INC.
FIRM LIC. NO. 3168

3/04/2016
DATE

PARISH PRESIDENT

NATALIE ROBOTTOM

PARISH COUNCIL

LARRY SORAPURU, JR.	COUNCILMAN AT LARGE, DIVISON A
JACLYN HOTARD	COUNCILWOMAN AT LARGE, DIVISON B
KURT BECNEL	DISTRICT 1
JULIA REMONDET	DISTRICT 2
LENNIX MADERE, JR.	DISTRICT 3
MARVIN PERILLOUX	DISTRICT 4
MICHAEL WRIGHT	DISTRICT 5
LARRY SNYDER	DISTRICT 6
BUDDY BOE	DISTRICT 7

CADD FILE NAME: 1503-MS-Titlesheet

REVISIONS

DATE:	REMARKS:	APP'D

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DESIGNED BY: TN
DRAWN BY: TN
CHECKED BY: ACM
JOB NO. 1503
SCALE: (24x36) -
SCALE: (11x17) -
DATE: FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

TITLE SHEET AND LAYOUT

SHEET NO. 1

1 OF 17

GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, 2006 EDITION, AT ALL TIMES. ANY REFERENCE TO THE "LSSRB" SHALL MEAN THE SAME DOCUMENT.
2. DESIGN OR PLAN ERRORS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER FOR CORRECTION. SUCH ERRORS SHALL NOT BE AUTOMATIC GROUNDS FOR CONTRACT MODIFICATION.
3. THE CONTRACTOR SHALL BEAR RESPONSIBILITY FOR SITE RESTORATION AT THE CONCLUSION OF THE WORK, INCLUDING ANY DAMAGED OR DISTRUBED PAVING, SIGNAGE, SIDEWALK, CURBING, VEGETATION, SLOPES, FENCING, LIGHTING, UTILITIES, ETC., NOT REQUIRED TO BE REPLACED OR RECONSTRUCTED. RESTORATION OF SAME SHALL BE TO EXISTING CONDITION OR BETTER, AS DETERMINED BY THE ENGINEER.
4. THE OWNER RESERVES THE RIGHT TO ORDER COFFERDAM REMOVAL IN THE EVENT OF SEVERE RAINFALL OR ANTICIPATED SEVERE RAINFALL TO PREVENT FLOODING. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH REMOVAL, IF REQUIRED.
5. ROAD CLOSURE SHALL BE COORDINATED WITH ST. JOHN THE BAPTIST PARISH FIRE DEPARTMENT, AT (985) 652-9445.
6. MATERIAL NOT DESIRED TO BE RETAINED BY ST. JOHN THE BAPTIST PARISH SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE.
7. ALL EXCAVATION SHALL BE COVERED, BACKFILLED, OR PROTECTED AS DIRECTED BY THE PROJECT ENGINEER, AND SHALL BE FULLY DELINEATED AT NIGHT AND WHEN WORK IS NOT IN PROGRESS. EXCAVATED PITS, ETC. SHALL BE FULLY FENCED OR BARRICADED TO PREVENT ACCESS BY PEDESTRIANS. OPEN CUTS MUST BE STABILIZED TO SUCH CONDITIONS AS TO WITHSTAND VEHICLE AND PEDESTRIAN LOADS, AS APPLICABLE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND SHALL VERIFY ALL MEASUREMENTS AND GRADES PRIOR TO BEGINNING OF CONSTRUCTION. PROJECT VERTICAL AND HORIZONTAL CONTROLS HAVE BEEN INDICATED ON THE PLANS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH BASE LINES AND RELOCATE T.B.Ms SHOWN ON THE PLANS BEFORE DESTROYING THE EXISTING MONUMENTS/NAILS/CROSS CUTS ETC.
9. THE LOCATIONS OF THE EXISTING UTILITIES INDICATED ON THE PLANS WERE FURNISHED BY THE UTILITY COMPANIES AND OTHER AVAILABLE SOURCES AND ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES BY CONTACTING THE RESPECTIVE UTILITY OWNERS.
10. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS PRIOR TO COMMENCEMENT OF WORK.
11. ACCESS BETWEEN NORTH AND SOUTH SIDES OF FAIRWAY DRIVE SHALL BE MAINTAINED FOR CANAL GRASS CUTTERS TO PASS.

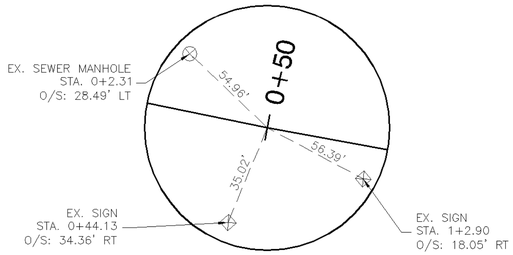
LEGEND

EXISTING

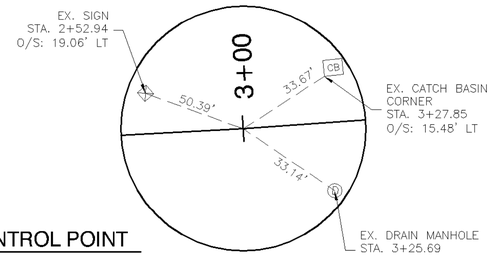
- DRAINAGE PIPE
- FENCE
- GAS LINE
- POWER LINE
- RIGHT-OF-WAY
- SEWER FORCE MAIN
- SERVITUDE
- TELEPHONE LINE
- TOE OF BANK
- TOP OF BANK
- WATER MAIN
- CATCH BASIN
- DRAIN MANHOLE
- POWER POLE
- SEWER MANHOLE
- SIGN
- STREET LIGHT
- WATER VALVE
- CONCRETE TO REMAIN

PROPOSED

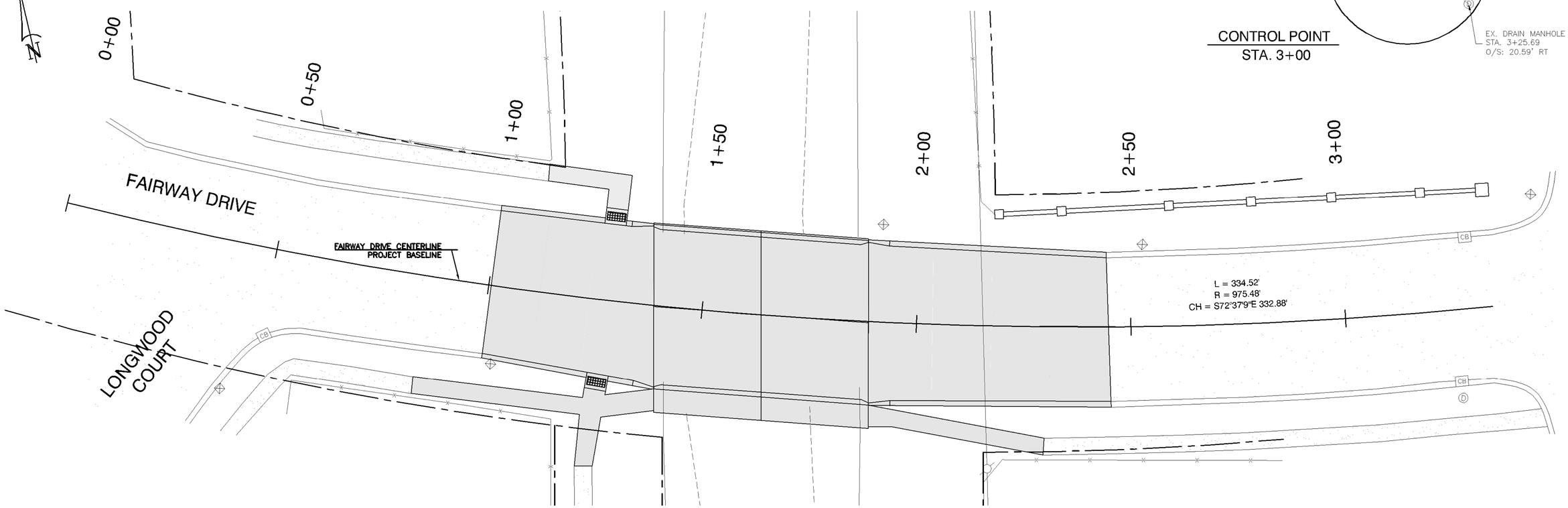
- DRAINAGE PIPE
- LIMITS OF CONSTRUCTION
- SEWER FORCE MAIN
- TOE OF BANK
- TOP OF BANK
- WATER MAIN
- STREET LIGHT
- TYPE III BARRICADE R11-2 MOUNTED
- NEW PORTLAND CEMENT CONCRETE PAVEMENT
- NEW RIPRAP
- NEW SLOPE PAVING



CONTROL POINT
STA. 0+50



CONTROL POINT
STA. 3+00



PROJECT LAYOUT

CADD FILE NAME: 1503-MS-General Notes

REVISIONS | DATE: | REMARKS: | APP'D

STATE OF LOUISIANA — ANDRE C. MONNOT — License No. 33626 — PROFESSIONAL ENGINEER — REGISTERED

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www.pi-aec.com

DESIGNED BY:	DRAWN BY:	CHECKED BY:	JOB NO.
TN	TN	ACM	1503

SCALE: (24x36)	SCALE: (11x17)	DATE:
1" = 12'	1" = 24'	FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

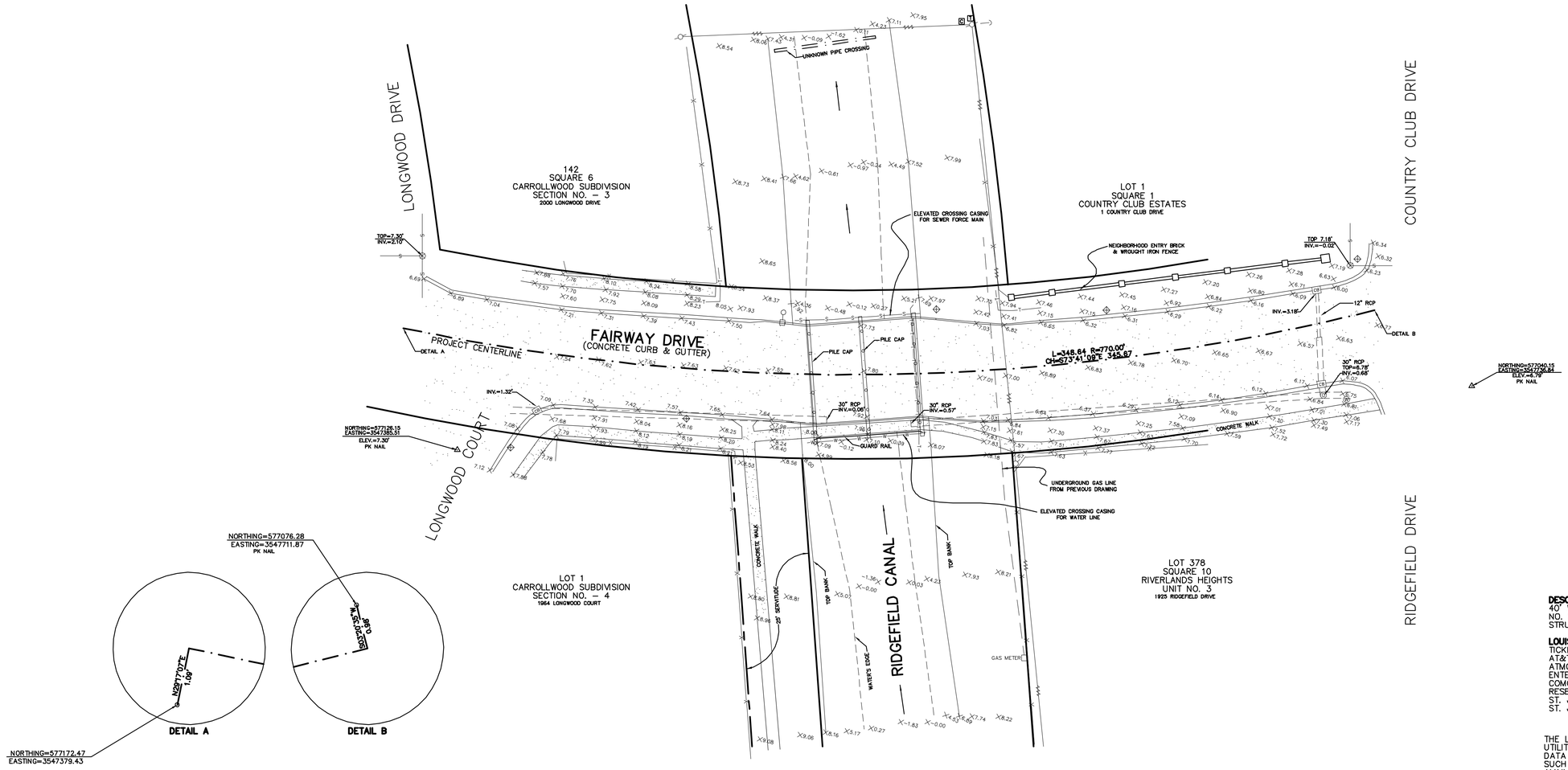
LEGEND AND GENERAL NOTES

SHEET NO. 2

2 OF 17

SURVEY GRAPHIC TAKEN FROM DRAWING
BY RIVERLANDS SURVEYING CO.,
DATED JUNE 2, 2015.

LEGEND:
- GAS LINE
- TELEPHONE LINE
- FENCE
- POWER POLE
- POWER LINE
- GUY ANCHOR
- WATER LINE
- DRAIN MANHOLE
- CATCH BASIN
- STREET SIGN
- SEWER MANHOLE
- SEWER LINE
- PK NAIL
- LIGHT POLE



DESCRIPTION OF EXISTING STRUCTURE:
40' W x 38' L (INCLUDES WALKS)
NO. OF SPANS - 1
STRUCTURE TYPE - CONCRETE DECK ON WOOD PILES

LOUISIANA ONE CALL:
TICKET NUMBER: 150230556
AT&T DISTIBUTION
ATMOS ENERGY
ENTERGY
COMCAST CABLE
RESERVE TELEPHONE
ST. JOHN THE BAPTIST PARISH
ST. JOHN PARISH COUNCIL

THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON, INCLUDING PRIOR TO EXCAVATION AND DIGGING.
LAONE CALL 1-800-272-3020

SURVEY REFERENCE:
1. CARROLWOOD SUBDIVISION, SECTION NO. - 3 BY JOSEPH J. KREBS, JR., R.L.S. DATED 6/21/1973 REVISED 4/17/1975.
2. CARROLWOOD SUBDIVISION, SECTION NO. - 4 BY JOSEPH J. KREBS, JR., R.L.S. DATED 6/30/1976 REVISED 5/14/1977.
3. COUNTRY CLUB ESTATES BY J.J. KREBS & SONS, INC.
4. RIVERLANDS HEIGHTS, UNIT NO. 3 BY J.J. KREBS & SONS, INC.

BASIS OF BEARINGS/ELEVATIONS: BEARINGS/ELEVATIONS HEREON ARE REFERENCED TO GRID NORTH AS ESTABLISHED BY THE LOUISIANA STATE PLANE COORDINATE SYSTEM, LOUISIANA SOUTH ZONE USING LIECA SMARTNET SOLUTION 06/2/2015 NAVD88/NAD 83 GEOID12A

SURVEYOR'S NOTES:
A. I CERTIFY THAT THIS PLAT REPRESENTS AN ACTUAL ROUTE SURVEY MADE BY ME, OR BY THOSE UNDER MY DIRECTION AND COMPLIES WITH THE REQUIREMENTS OF LOUISIANA'S "STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS" FOR A CLASS D ROUTE SURVEY SPECIFICALLY CHAPTER 2909 - ROUTE SURVEY.
B. NO TITLE OPINION WAS PROVIDED TO THIS FIRM, THEREFORE NO CERTIFICATION IS GIVEN TO THE EXISTENCE OF OTHER SERVITUDES OR EASEMENTS WHICH MAY EXIST OTHER THAN THOSE SHOWN.
C. ELEVATIONS HEREON ARE ESTABLISHED BY THE LOUISIANA STATE PLANE COORDINATE SYSTEM, LOUISIANA SOUTH ZONE USING LIECA SMARTNET SOLUTION 6/2/2015 NAVD88/NAD 83 GEOID12A.

CADD FILE NAME:
1503-PL-Existing Topo Survey

REVISIONS

DATE:	REMARKS:	APP'D

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PRINCIPAL *Engineering, Inc.*
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MANDEVILLE, LA 70471
PH: (985) 624-5001
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www.pi-aec.com

DESIGNED BY: -
DRAWN BY: -
CHECKED BY: -
JOB NO. 1503

SCALE: (24x36) 1" = 22'
SCALE: (11x17) 1" = 44'
DATE: FEB 2016

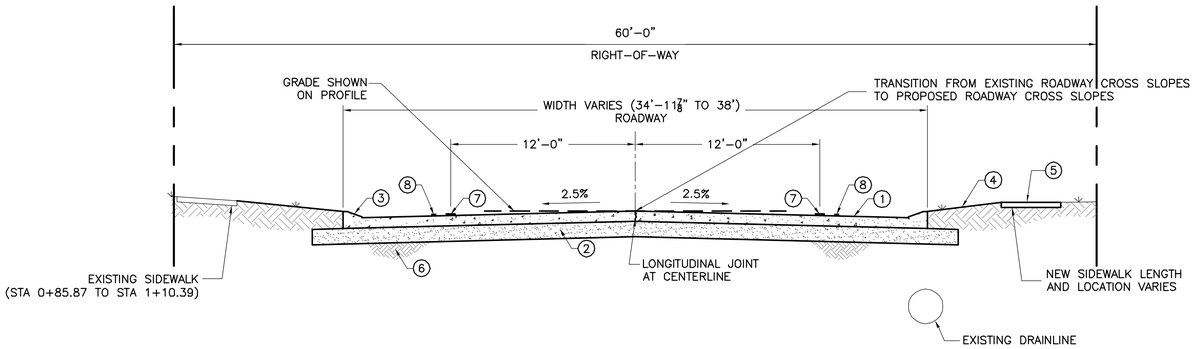
FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

EXISTING TOPOGRAPHIC SURVEY

SHEET NO. 3

LEGEND

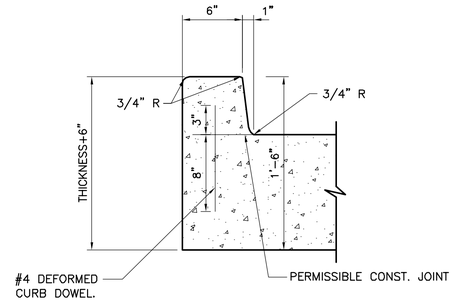
1. PORTLAND CEMENT CONCRETE PAVEMENT (8" THK) (TYPE B)
2. COMPACT AND RESHAPE EXISTING BASE MATERIAL
3. 5" ROLLOVER TYPE CONCRETE CURB
4. SEED/FERTILIZE ALL DISTURBED AREAS
5. SIDEWALK (4" THICK)
6. SUBGRADE
7. 4" THERMOPLASTIC PAVEMENT MARKING
8. REFLECTORIZED RAISED PAVEMENT MARKER (6' O.C.)



TYPICAL CONCRETE ROADWAY WITH ROLL OVER CURB

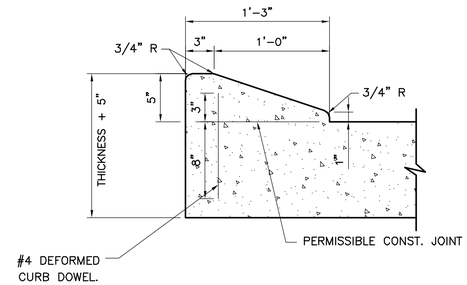
STA. 1+0.54 TO STA. 1+23.59
STA. 2+3.80 TO STA. 2+44.76

NOTE: BRIDGE SECTION ON SHEET 9



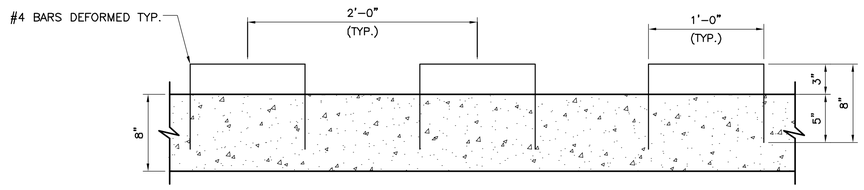
6" BARRIER TYPE CONCRETE CURB

N.T.S.



5" ROLLOVER TYPE CONCRETE CURB

N.T.S.



CONCRETE CURB STEEL BAR DETAIL

NOTE:

CURB STEEL MAY BE OMITTED IF CURB IS POURED MONOLITHICALLY WITH ROADWAY.

CADD FILE NAME: 1503-SC-Typical Section

REVISIONS

DATE:	REMARKS:	APP'D

STATE OF LOUISIANA — ANDRE C. MONNOT — License No. 33626 — PROFESSIONAL ENGINEER — REGISTERED

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www.pi-aec.com

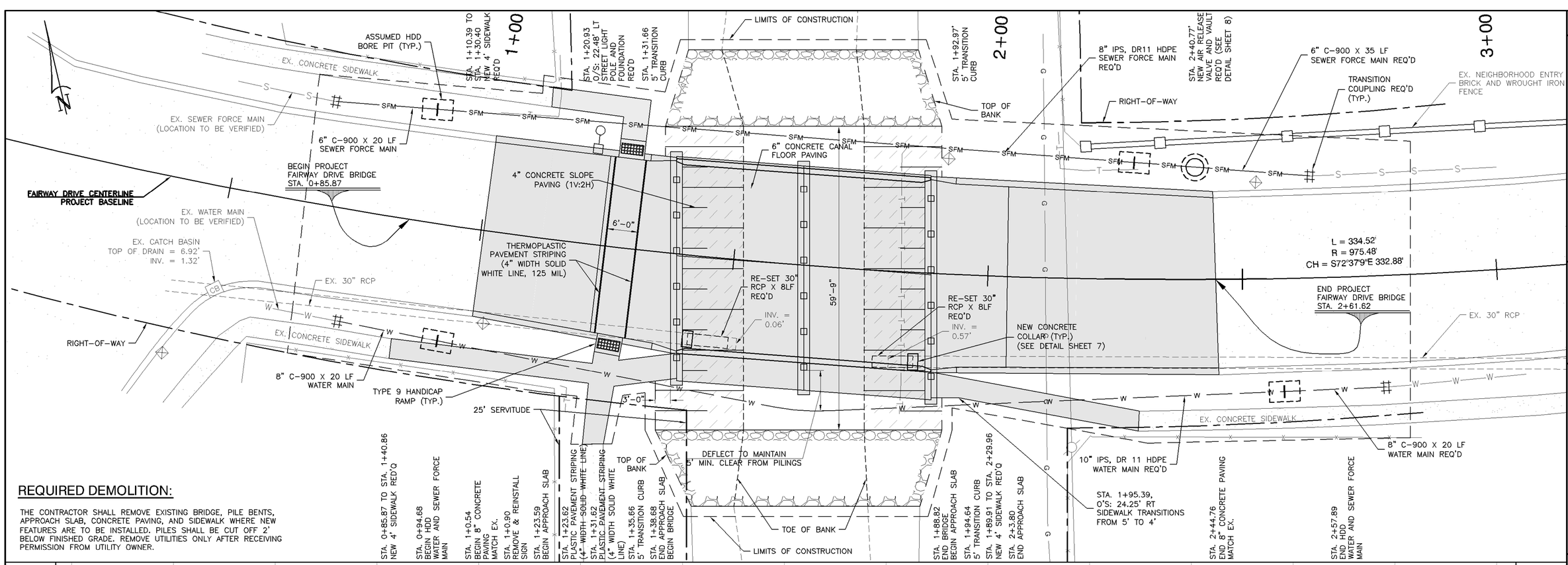
DESIGNED BY:	DRAWN BY:	CHECKED BY:	JOB NO.
TN	TN	ACM	1503

SCALE: (24x36)	SCALE: (11x17)	DATE:
1" = 5'	1" = 10'	FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

TYPICAL SECTIONS

SHEET NO. 4

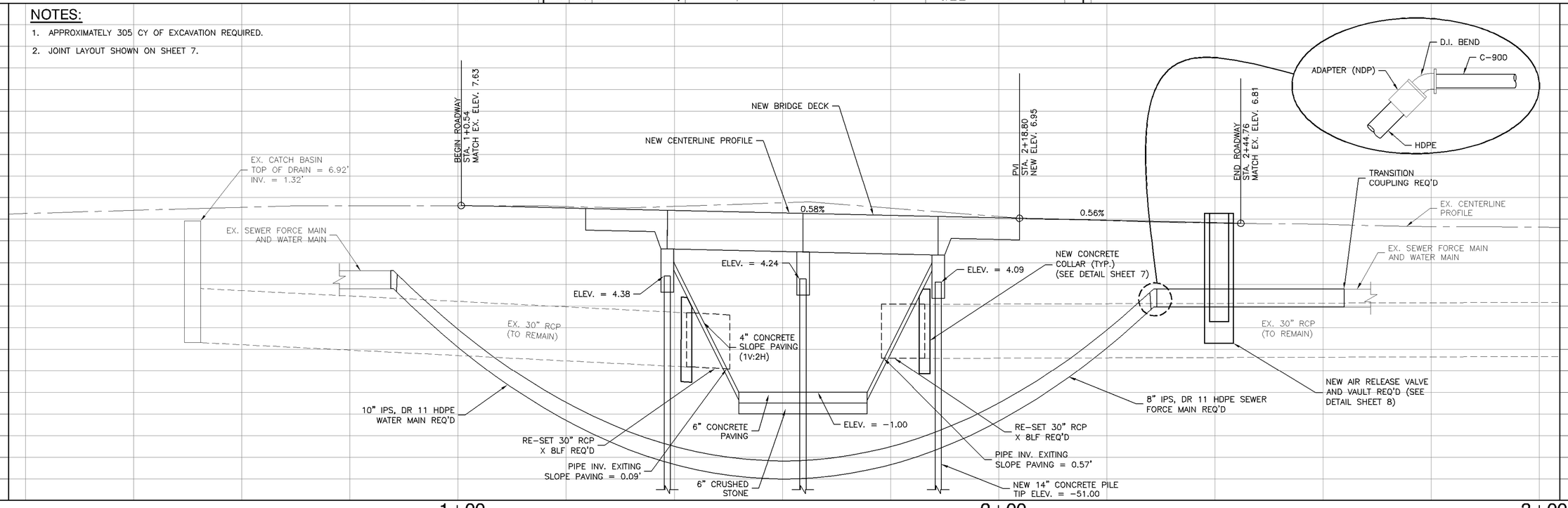


REQUIRED DEMOLITION:

THE CONTRACTOR SHALL REMOVE EXISTING BRIDGE, PILE BENTS, APPROACH SLAB, CONCRETE PAVING, AND SIDEWALK WHERE NEW FEATURES ARE TO BE INSTALLED. PILES SHALL BE CUT OFF 2' BELOW FINISHED GRADE. REMOVE UTILITIES ONLY AFTER RECEIVING PERMISSION FROM UTILITY OWNER.

NOTES:

1. APPROXIMATELY 305 CY OF EXCAVATION REQUIRED.
2. JOINT LAYOUT SHOWN ON SHEET 7.



CADD FILE NAME: 1503-PL-Plan & Profile

REVISIONS	DATE:	REMARKS:	APP'D

ANDRE C. MONNOT, License No. 33626, PROFESSIONAL ENGINEER, STATE OF LOUISIANA

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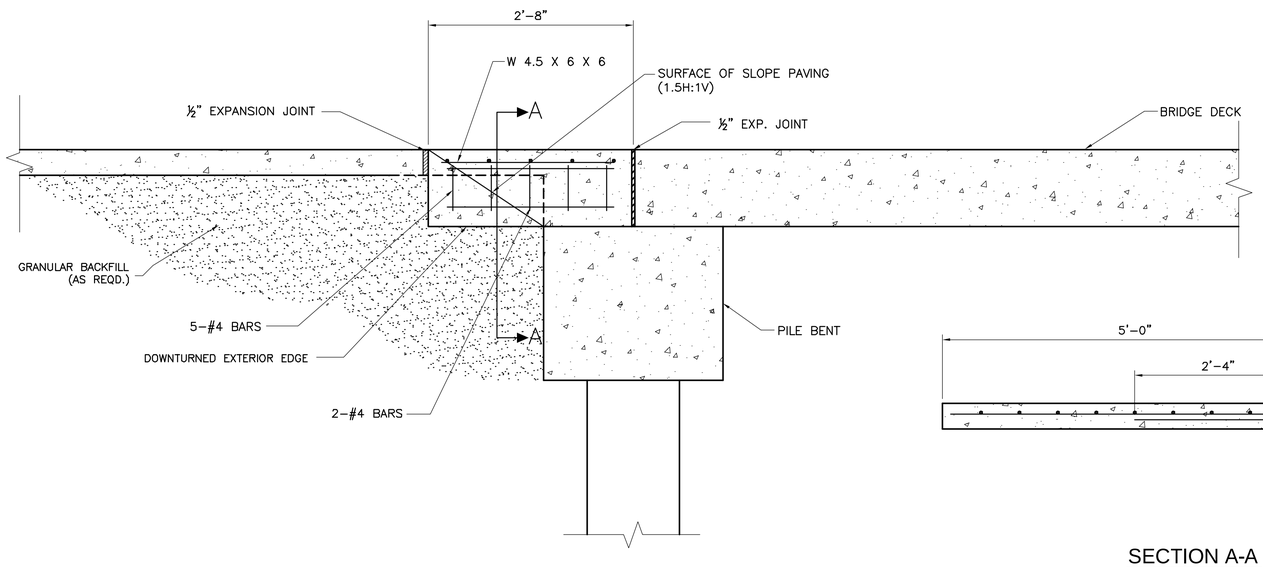
DESIGNED BY: TN	DRAWN BY: TN	CHECKED BY: ACM	JOB NO. 1503
SCALE: (24x36) 1" = 10' 1" = 2'	SCALE: (11x17) 1" = 20' 1" = 4'	DATE: FEB 2016	

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

PLAN AND PROFILE

SHEET NO. 5

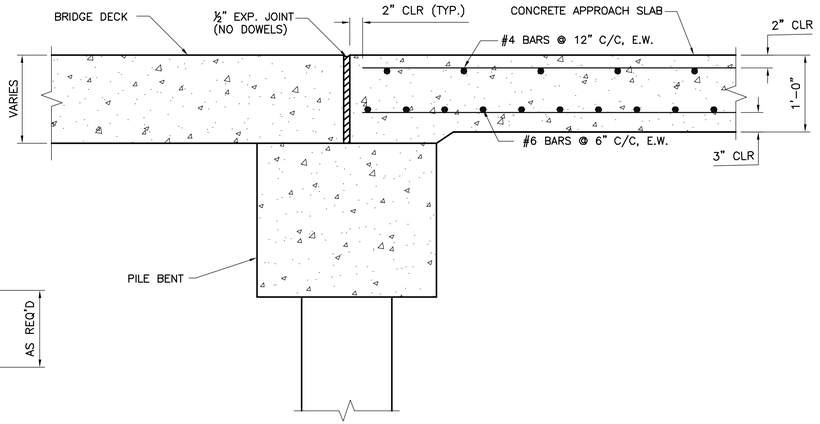
5 OF 17



SIDEWALK APPROACH SLAB

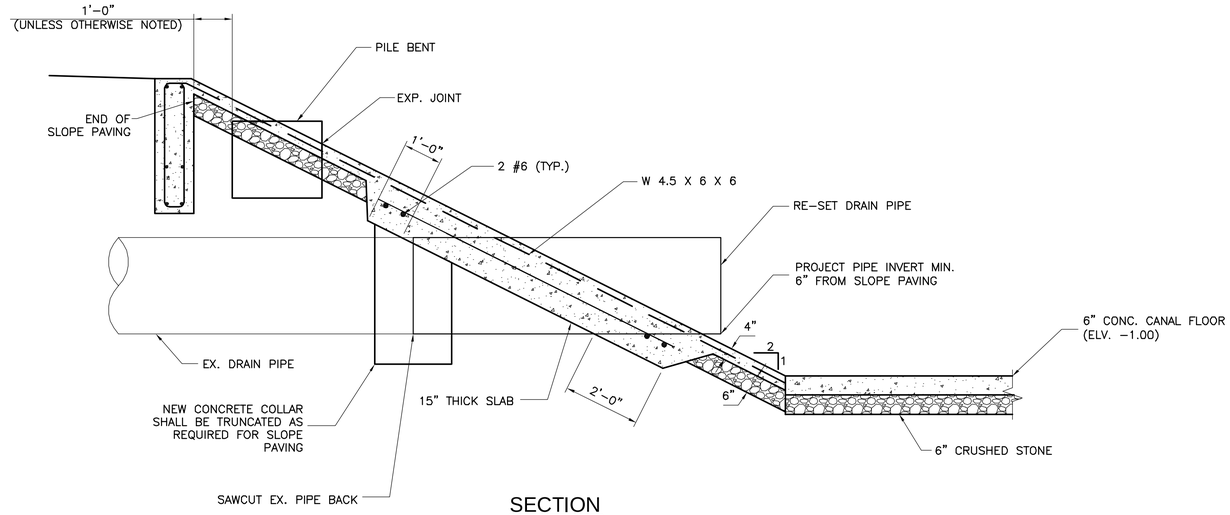
SCALE: N.T.S

SECTION A-A



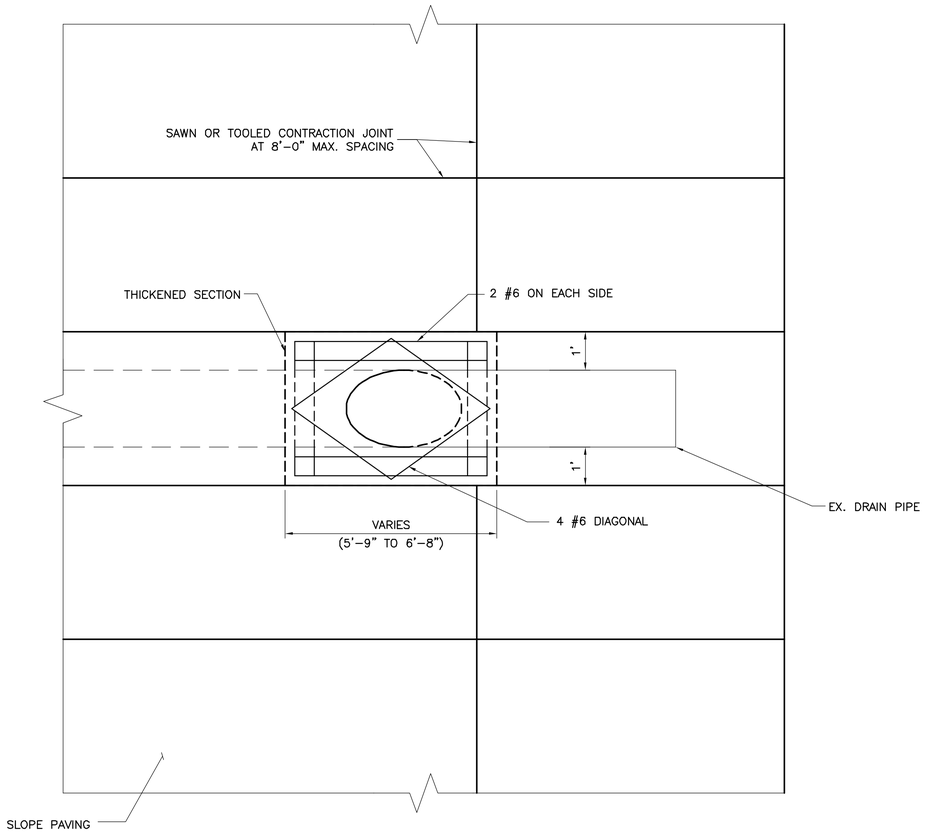
ROADWAY APPROACH SLAB SECTION

SCALE: 1"=1'-0"



SECTION

SCALE: N.T.S.



PLAN

SCALE: N.T.S.

CADD FILE NAME: 1503-DT-Civil Details

REVISIONS

DATE:	REMARKS:	APP'D

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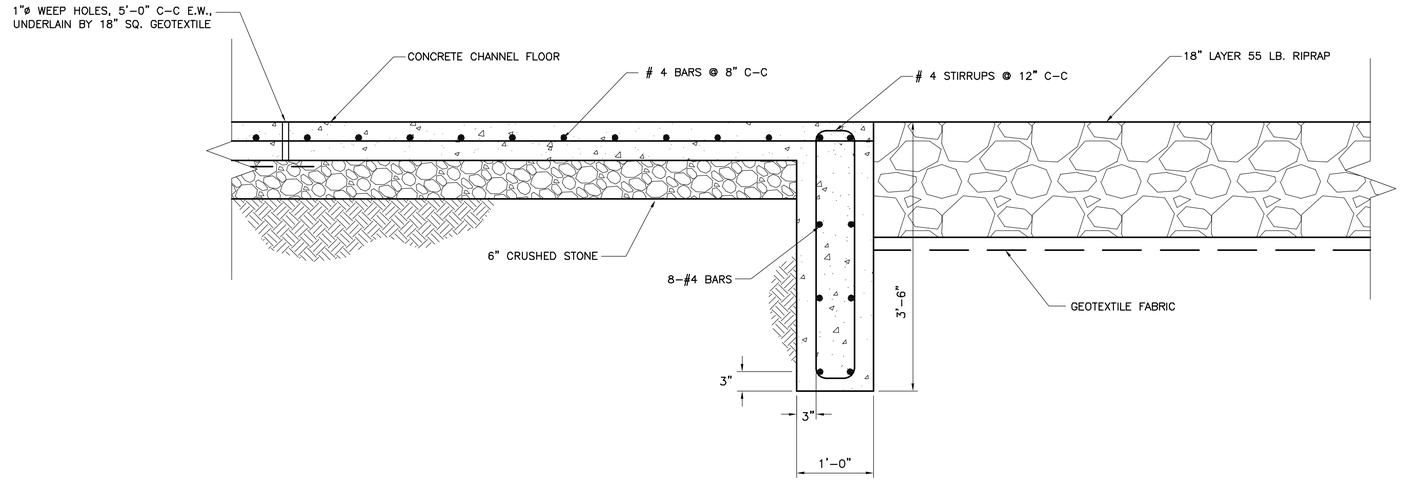
DESIGNED BY:	DRAWN BY:	CHECKED BY:	JOB NO.
TN	TN	ACM	1503

SCALE: (24x36)	SCALE: (11x17)	DATE:
NTS	NTS	FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

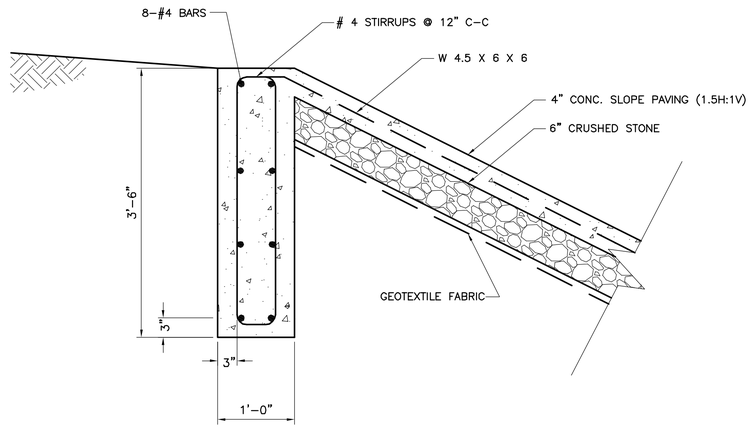
CIVIL DETAILS

SHEET NO. 6



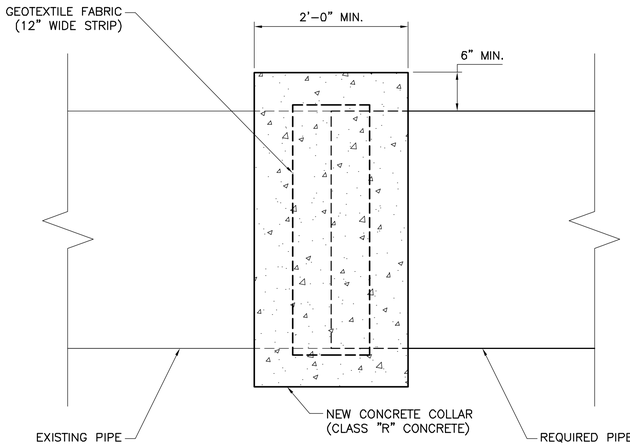
FLOOR END TREATMENT

SCALE: N.T.S.



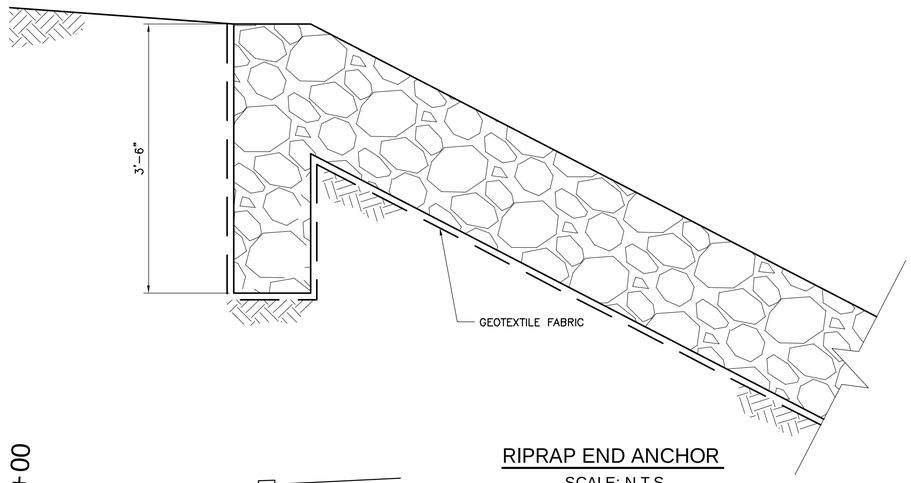
SLOPE PAVING END ANCHOR

SCALE: N.T.S.



CONCRETE COLLAR DETAIL

SCALE: N.T.S

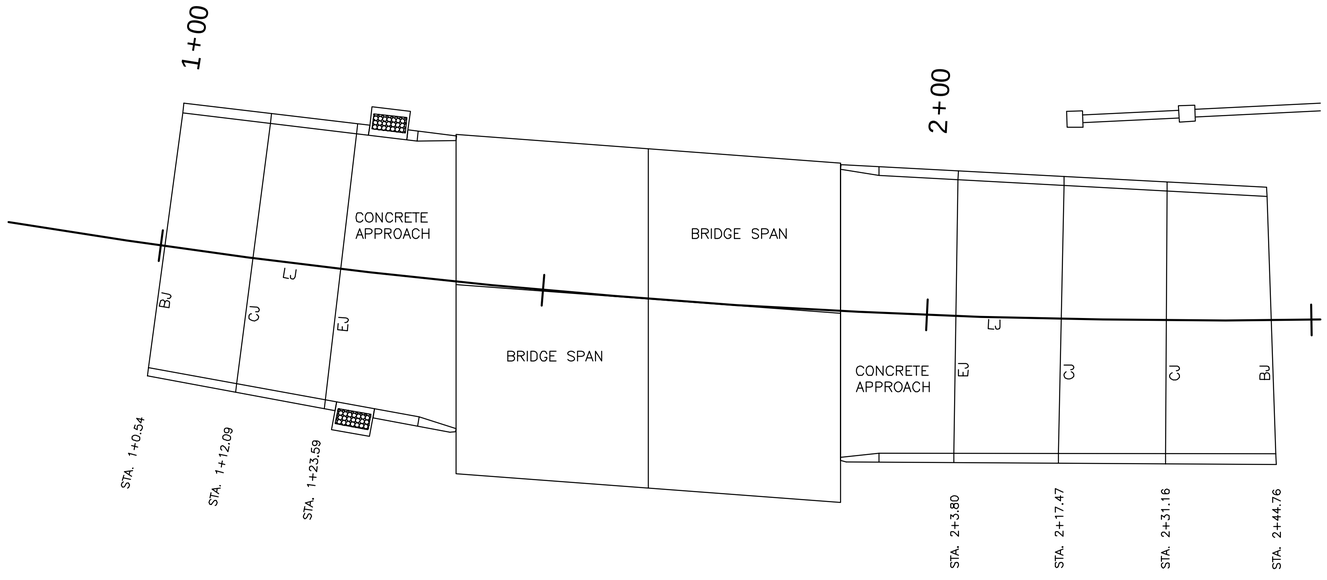


RIPRAP END ANCHOR

SCALE: N.T.S.

NOTE:

1. WRAP PIPE JOINTS WITH GEOTEXTILE FABRIC BEFORE POURING CONCRETE.



JOINT LAYOUT

SCALE: 1" = 10'

CADD FILE NAME: 1503-DT-Civil Details

REVISIONS

DATE:	REMARKS:	APP'D

ANDRE C. MONNOT, License No. 33626, PROFESSIONAL ENGINEER, STATE OF LOUISIANA

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	JOB NO.
TN	TN	ACM	1503

SCALE: (24x36)	SCALE: (11x17)	DATE:
-	-	FEB 2016

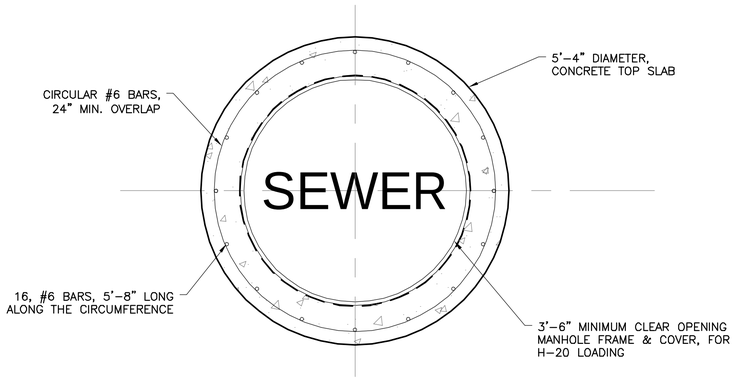
FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

CIVIL DETAILS

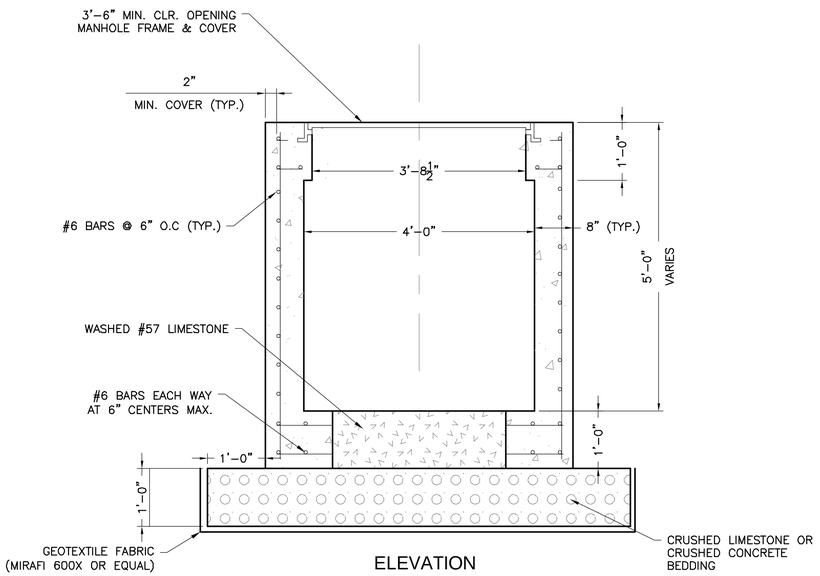
SHEET NO. 7

NOTES:

1. AIR RELEASE VALVE PIT DEPTHS VARY, VERIFY REQUIRED DIMENSIONS SHOWN ON PLAN DRAWINGS.
2. CONCRETE SHALL BE CLASS A ACCORDING TO LA DOTD LSSRB, 2006 EDITION. REINFORCING STEEL SHALL BE 60 KSI.
3. MINIMUM CONCRETE COVER IN REINFORCING STEEL SHALL BE 3".
4. PROVIDE $\frac{3}{4}$" CHAMFER ON EXPOSED CONCRETE EDGES.
5. STRUCTURAL BACK FILL AND BEDDING MATERIAL SHALL CONSIST OF PUMPED RIVER SAND, DEPOSITED IN LIFTS OF EIGHT TO TEN INCHES OF LOOSE MATERIAL. EACH LIFT SHALL BE SATISFACTORILY COMPACTED PRIOR TO PLACEMENT OF OTHER LIFTS.



PLAN



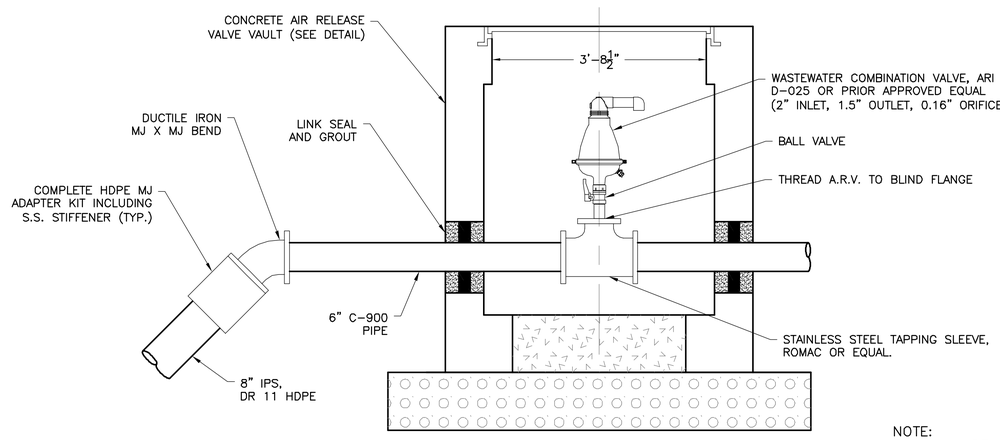
ELEVATION

CONCRETE AIR RELEASE VALVE VAULT

N.T.S.

NOTES FOR ADAPTER INSTALLATION:

1. CONTRACTOR SHALL INSTALL ADAPTERS ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
2. ADAPTERS MUST BE ALIGNED STRAIGHT INTO THE MATING HUB BEFORE TIGHTENING THE GLAND BOLTS.
3. MJ ADAPTER SHALL NOT BE DRAWN INTO ALIGNMENT BY TIGHTENING THE GLAND BOLTS



AIR RELEASE VALVE INSTALLATION (ELEVATION)

N.T.S.

NOTE:
FOR WALL PENETRATION, CAST OR CORE DRILL HOLE AS RECOMMENDED BY LINK SEAL MANUFACTURER, INSTALL LINK SEAL AROUND THE FORCE MAIN AND GROUT THE HOLE.

CADD FILE NAME:
1503-DT-Civil Details 3rd page

REVISIONS

DATE:	REMARKS:	APP'D

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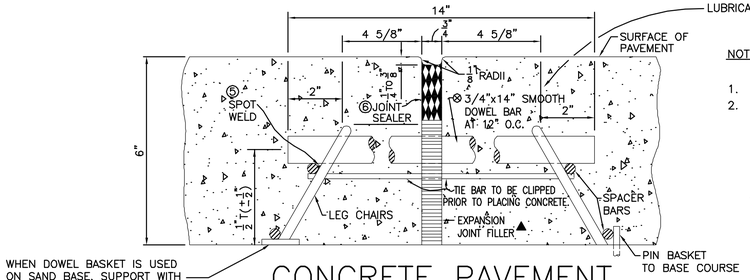
DESIGNED BY:	DRAWN BY:	CHECKED BY:	JOB NO.
TN	TN	ACM	1503

SCALE: (24x36)	SCALE: (11x17)	DATE:
NTS	NTS	FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

CIVIL DETAILS

SHEET NO.
8



CONCRETE PAVEMENT TRANSVERSE EXPANSION JOINT

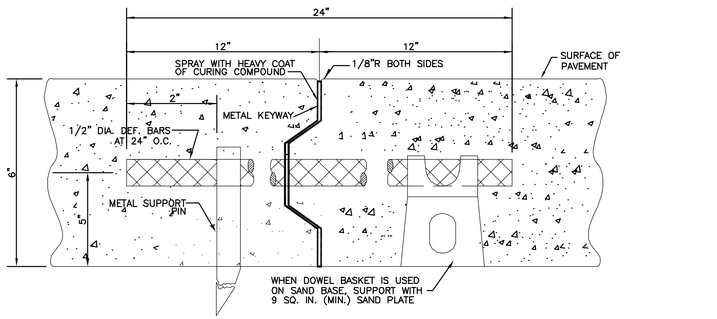
(EXPANSION JOINT LOCATED EVERY 150 FT)

NOTES

1. T = THICKNESS OF PAVEMENT
2. ALL JOINTS TO BE USED WHERE SHOWN ON THIS SHEET OR AS SHOWN ELSEWHERE IN THE PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER.

⌀ $2\frac{1}{2}$" FOR 8" PAVEMENT

▲ EXPANSION JOINT FILLER SHALL BE WOOD.

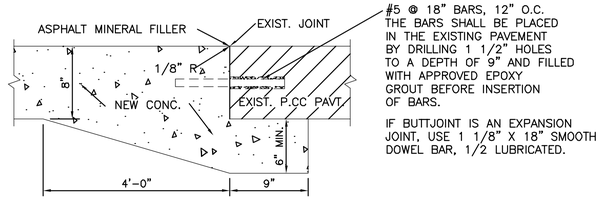


NOTE:
FOR TRANSVERSE CONSTRUCTION JOINT ADD KEYWAY

CONCRETE PAVEMENT TRANSVERSE CONTRACTION JOINT

(CONTRACTION JOINT LOCATED EVERY 15 FT)

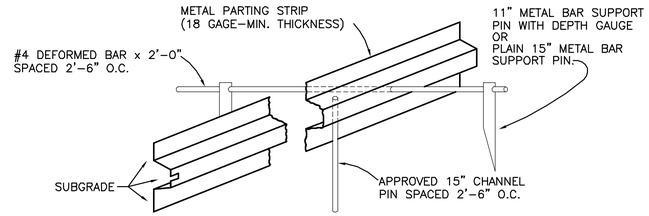
CONCRETE PAVEMENT LONGITUDINAL JOINT WITH KEYWAY



SECTION OF BUTT JOINT

ABBREVIATIONS:

EJ	CONCRETE PAVEMENT EXPANSION JOINT.
CJ	CONCRETE PAVEMENT CONTRACTION JOINT.
LJ	CONCRETE PAVEMENT LONGITUDINAL JOINT WITH KEYWAY
BJ	CONCRETE PAVEMENT BUTT JOINT



OBLIQUE VIEW METAL PARTING STRIP FOR LONGITUDINAL JOINT

PAVING NOTES

ALL PARISH MAINTAINED STREETS FOR NEW SUBDIVISION ARE TO BE THE FOLLOWING:

1. ~~RESIDENTIAL~~ LIGHT TRAFFIC STREETS SERVING LESS THAN ~~200 HOMES~~ SHALL BE ~~26' WIDE BACK~~ OF CURB TO BACK OF CURB, MINIMUM 6" NON REINFORCED CONCRETE WITH ~~5" X 15"~~ ROLL OVER CURBS ALONG LOT FRONTAGES AND ~~6"~~ VERTICAL CURBS AT INTERSECTIONS. ROADWAY ~~CROWN~~ SHALL BE PARABOLIC OR TANGENT.

1a. 3/4" REDWOOD EXPANSION JOINTS WITH 3/4" SMOOTH DOWELS 14" LONG ON 12" CENTERS IN BASKETS TO BE PLACED AT ALL POINTS OF CURVATURE. ON STRAIGHT–AWAYS PLACED NO MORE THAN 300 FEET ON CENTERS.

1b. CONTRACTION JOINTS SHALL BE 15 FEET ON CENTERS AND SHALL HAVE 3/4" SMOOTH DOWELS 14" LONG ON 12" CENTERS AND SHALL BE HELD IN PLACE BY WELDED WIRE FABRIC BASKETS.

1c. 26' ROADWAY SHALL HAVE ONLY ONE LONGITUDINAL JOINT LOCATED ALONG THE CENTER LINE OF THE ROADWAY. THIS LONGITUDINAL JOINT SHALL BE FORMED WITH KEYWAY 16 GAUGE GALVANIZED WITH DOWELS #4 REBAR (30" LONG) ON 30" CENTERS.

1d. ALL IRREGULAR SHAPED CONCRETE i.e. CUL DE SACS AND INTERSECTIONS SHALL HAVE THE ABOVE SPECIFIED KEYWAY INSTALLED SO AS TO LIMIT THE SIZE OF THE PANELS TO NO GREATER THAN 15' ON ANY SIDE.

2. COLLECTOR AND ARTERIAL STREETS SERVING MORE THAN 300 HOMES SHALL BE MINIMUM 8" NON REINFORCED CONCRETE WITH 5" X 15" ROLL OVER CURBS ALONG LOT FRONTAGES AND 6" VERTICAL CURBS AT INTERSECTIONS AND MEDIAN SIDE. ROADWAY SHALL BE TANGENT CROWN WITH LONGITUDINAL KEYWAY JOINTS 16 GAUGE GALVANIZED WITH # 4 REBAR 30" LONG AT 30" CENTERS, TRANSVERSE CONTRACTION JOINTS SHALL BE MAX 20' O.C. WITH 1" SMOOTH DOWELS 18" LONG ON 12" CENTERS HELD IN PLACE BY WELDED WIRE FABRIC BASKETS. EXPANSION JOINTS SHALL BE 3/4" REDWOOD WITH THE SAME DOWELS BASKET AS ABOVE AND BE REPLACED AT ALL POINTS OF CURVATURE. IN STRAIGHT SECTIONS OF PAVING EXPANSION JOINTS ARE TO BE PLACED AT 300' O.C. MAXIMUM.

3. CONCRETE SHALL ATTAIN A MINIMUM STRENGTH OF 4,000 PSI AT 28 DAYS AND CONTAIN A MINIMUM CEMENT CONTENT OF 5 3/4 SACKS PER CUBIC YARD WITH A MAXIMUM WATER CEMENT RATIO OF SIX (6) GALLONS OF WATER PER SACK OR A CLASS B MIX IN ACCORDANCE WITH LA. STATE D.O.T.D.

4. ONE SET OF FOUR (4) CYLINDERS SHALL BE MADE FOR EACH HUNDRED (100) CUBIC YARDS OF CONCRETE PLACED. CYLINDERS SHALL BE BROKEN AT SEVEN (7) AND TWENTY–EIGHT (28) DAYS. ONE DENSITY TEST SHALL BE TAKEN FOR EACH TWO THOUSAND (2000) SQUARE YARDS OF BASE. CORES SHALL BE TAKEN AT 200' INTERVALS TO DETERMINE THICKNESS AND STRENGTH. ALL PANELS LESS THAN DESIGN THICKNESS WILL BE REMOVED.

5. TESTING LABORATORY SHALL BE APPROVED BY THE PARISH ENGINEER AND ALL COST SHALL BE BORNE BY THE CONTRACTOR.

6. CONCRETE SHALL BE DESIGNED WITH A WATER REDUCING ADMIXTURE AND SHALL HAVE A MAXIMUM SLUMP OF FOUR INCHES.

7. PAVEMENT SHALL NOT BE OPENED TO TRAFFIC UNTIL 21 DAYS AFTER PLACEMENT WITHOUT THE APPROVAL OF THE PARISH ENGINEER.

8. ALL DRAINAGE AND SEWERAGE STRUCTURES WITHIN THE PAVEMENT AREA SHALL BE BOXED OUT.

9. BASE COURSE SHALL CONSIST OF ASHTO A4 OR BETTER SOILS, L.L. OF 30, P.I. OF 10. BASE SHALL BE A MINIMUM OF 12" INCHES IN THICKNESS. DENSITY SHALL BE MAXIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D698.

10. ALL SUBGRADE MATERIAL WHICH WILL NOT SATISFACTORILY COMPACT SHALL BE REMOVED AND REPLACED WITH MATERIAL THAT WILL COMPACT SATISFACTORILY. TOP 6" INCHES SHALL BE COMPACTED TO 95% STANDARD PROCTOR. WHERE THE SUBGRADE IS OF NON–UNIFORM COMPACTED NATURE, IT SHALL BE SCARIFIED TO A DEPTH OF 6" FOR ITS FULL WIDTH AND THE MATERIAL SPREAD AND BROUGHT TO LINE AND GRADE AND COMPACTED AS SPECIFIED ABOVE.

11. WHERE EXISTING GRADES OF NATURAL SOIL ARE LOW, CONTRACTOR WILL BE REQUIRED TO FILL THESE AREAS WITH PUMPED RIVER SAND UP TO THE PROPOSED GRADES. REGARDLESS OF THE DEPTH; THAT IS GREATER THAN THE 12" MINIMUM. THIS SAND FILL SHALL BE UNDER THE ROADWAY AND EXTEND FROM PROPERTY LINE ON BOTH SIDES OF ROADWAY PAVING.

12. ALL EXISTING DITCHES WITHIN PROPOSED ROADWAY RIGHT–OF–WAY SHALL BE MUCKED OUT UNTIL GOOD SOIL IS REACHED OR 24" MINIMUM, AND BACKFILLED WITH PUMPED RIVER SAND.

13. CONTRACTOR SHALL PROVIDE MEANS FOR TEMPORARY DRAINAGE DURING CONSTRUCTION.

14. THE USE OF SUPER PLASTICIZER CONCRETE IS ALLOWED, BUT THE ROADWAY CANNOT BE OPENED UNTIL CYLINDER MEETS THE DESIGN STRENGTH OF 4000 PSI.

15. JOINT SEALER FOR EXPANSION AND CONTRACTION JOINTS SHALL BE SEALED WITH DOW 888 MEETING FED. SPEC. T.T.–S–001543 OR SEALER MEETING FED. SPEC. T.T.–S–00230C.

CADD FILE NAME: 1503-DT-Roadway1

REVISIONS

DATE:	REMARKS:	APP'D

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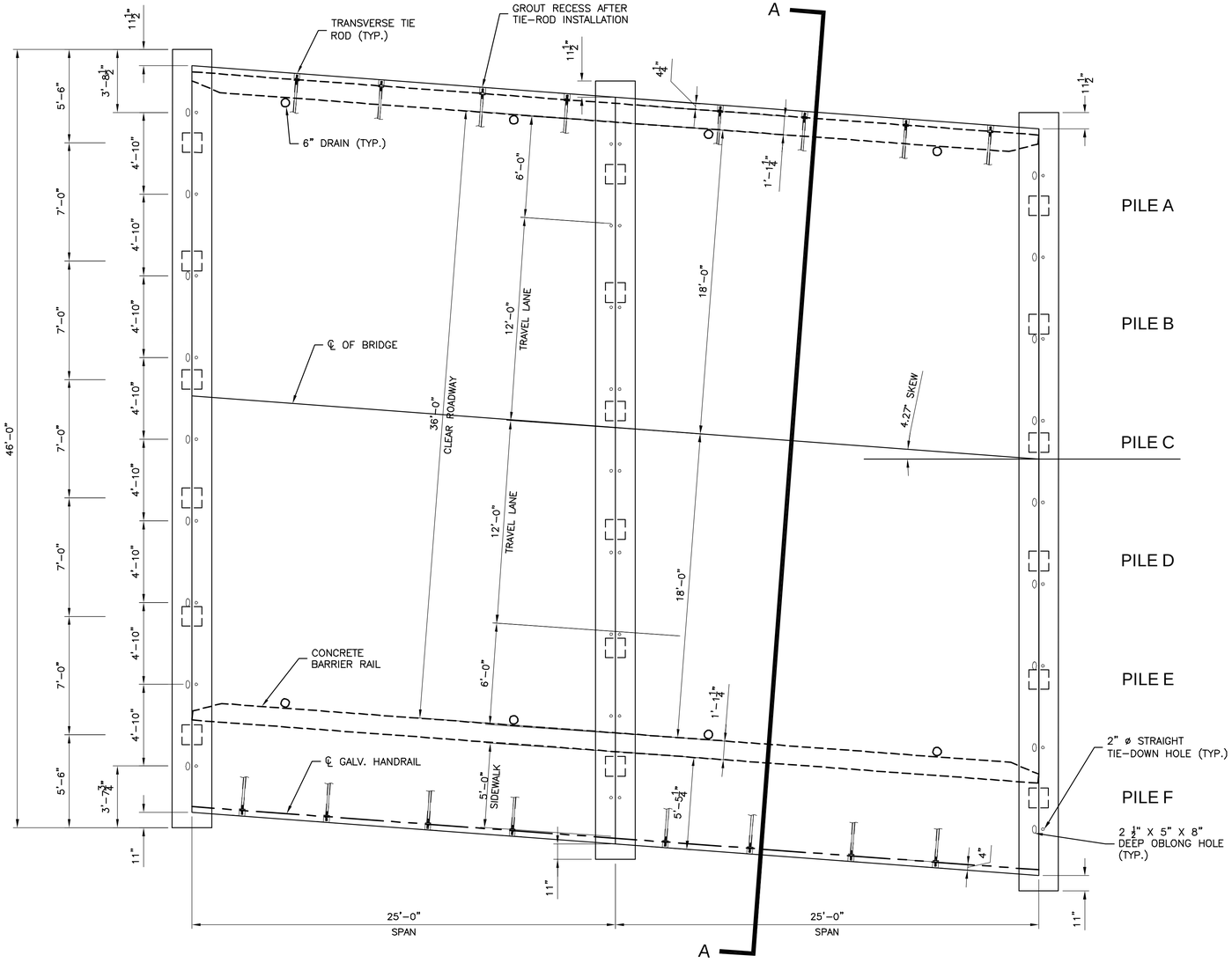
TN	TN	ACM	1503

SCALE: (24x36)	SCALE: (11x17)	DATE:
NTS	NTS	FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

ROADWAY DETAILS

SHEET NO. 9



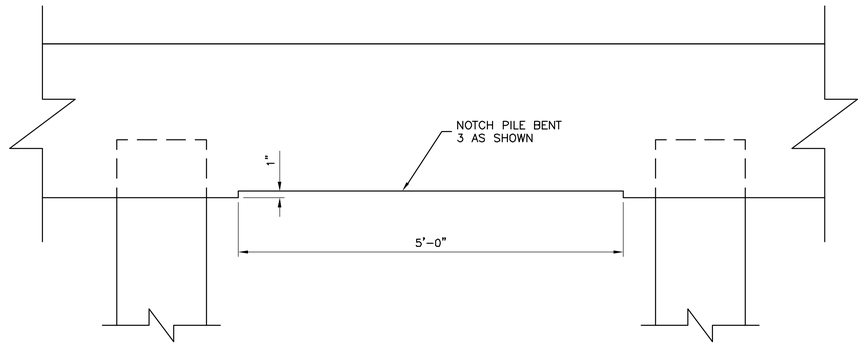
PILE BENT 1 PILE BENT 2 PILE BENT 3

BRIDGE PLAN

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

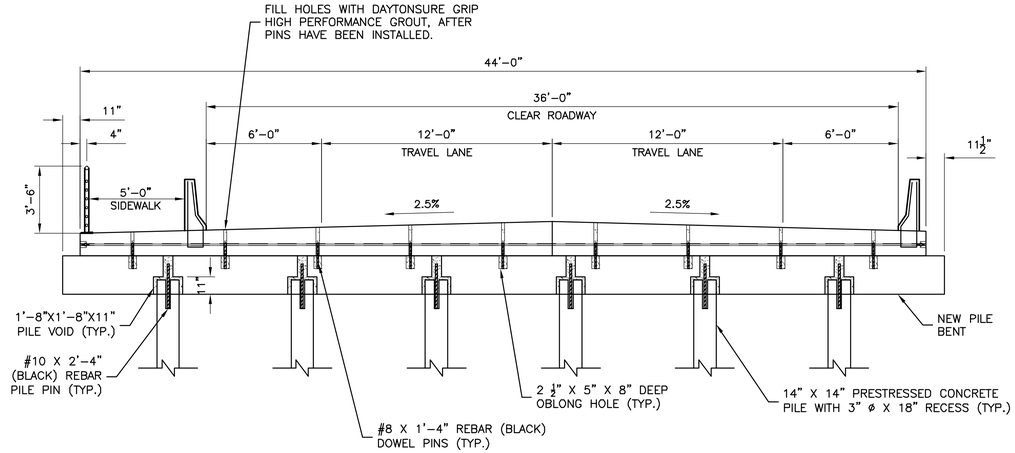
NOTES:

1. THE CONTRACTOR SHALL SUBMIT COMPLETE AND ACCURATE SHOP DRAWINGS FOR THE BRIDGE DECK PANELS, PILE BENTS, BARRIER RAILINGS, AND ANY REQUIRED APPURTENANCES. THE SHOP DRAWINGS SHALL DETAIL CONCRETE DIMENSIONS, REINFORCING STEEL PLACEMENT, REQUIRED VOIDS, INSERTS AND ANY OTHER REQUIRED FEATURES. THE SHOP DRAWINGS SHALL BEAR THE SEAL OF AN ENGINEER LICENSED IN THE STATE OF LOUISIANA.
2. DESIGN SHALL BE ACCORDING TO AASHTO BRIDGE DESIGN SPECIFICATIONS LATEST EDITION, FOR HS20 LOADING.
3. CONCRETE SHALL BE CLASS P, CONFORMING TO THE LSSRB.
4. REINFORCING STEEL SHALL BE GRADE 60, AND CONFORM TO THE LSSRB.
5. DECK SURFACES SHALL BE FINISH AS CLASS 6, PER THE LSSRB. OTHER CONCRETE COMPONENTS SHALL BE FINISHED AS CLASS 1.



PILE BENT 3 COPING DETAIL

SCALE: 1" = 1'-0"



SECTION A-A

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

CADD FILE NAME: 1503-PL-Bridge Plan & Section

REVISIONS

DATE:	REMARKS:	APP'D

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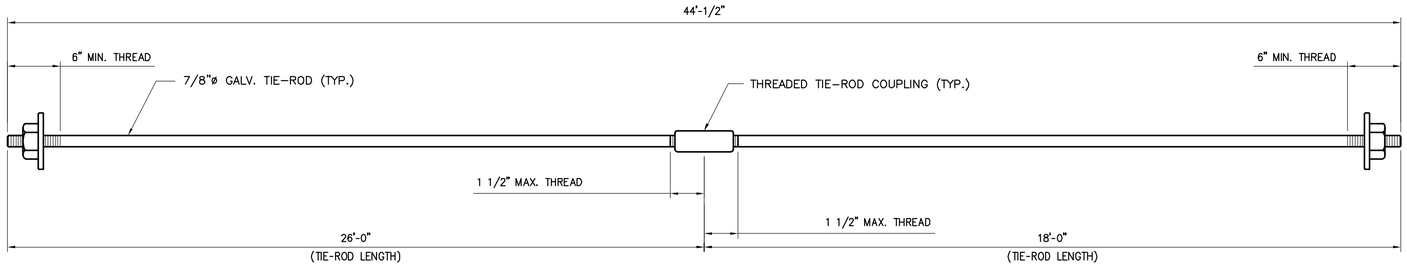
SCALE: (24x36) - SCALE: (11x17) - DATE: FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

BRIDGE PLAN AND SECTION

SHEET NO. 10

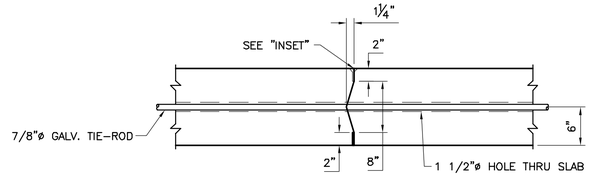
10 OF 17



NOTE: EQUIP EACH TIE-ROD WITH THE FOLLOWING, 1-THREADED COUPLING, 2-HEX NUTS & 2-FLAT WASHERS.

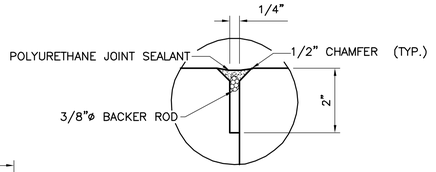
TRANSVERSE TIE-ROD ASSEMBLY

SCALE: N.T.S.



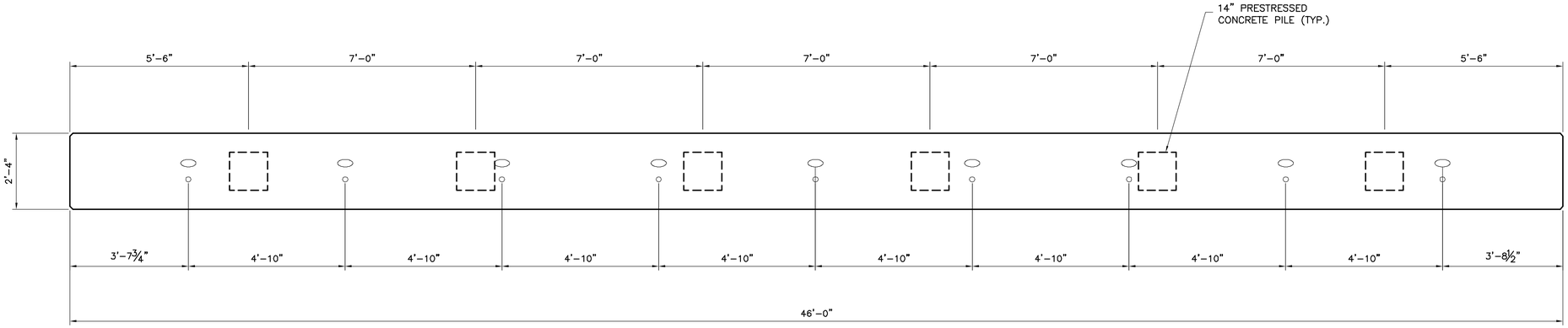
LONGITUDINAL JOINT DETAIL

SCALE: 1"=1'-0"



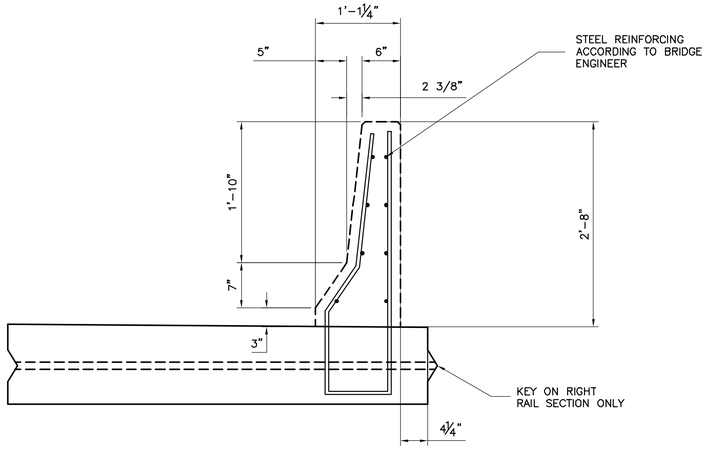
INSET

SCALE: N.T.S.



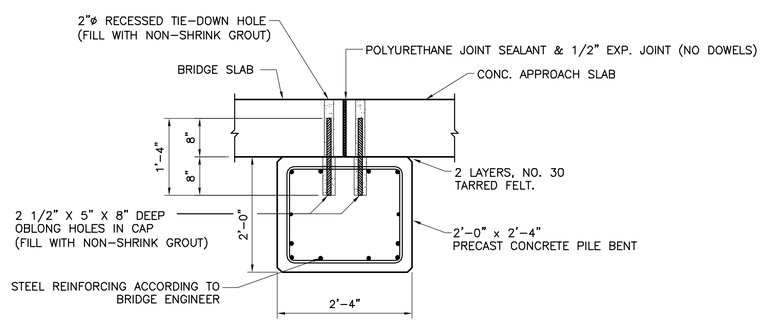
PLAN - PRECAST PILE BENT

SCALE: 1/2" = 1'-0"



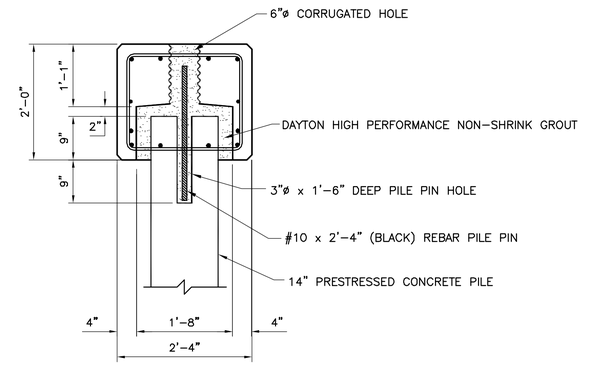
CAST-IN-PLACE BARRIER REINFORCEMENT

SCALE: 1" = 1'-0"



SLAB TO CAP CONNECTION

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



CAPSILL TO PILE CONNECTION

SCALE: 3/4" = 1'-0

CADD FILE NAME: 1503-DT-Bridge Details

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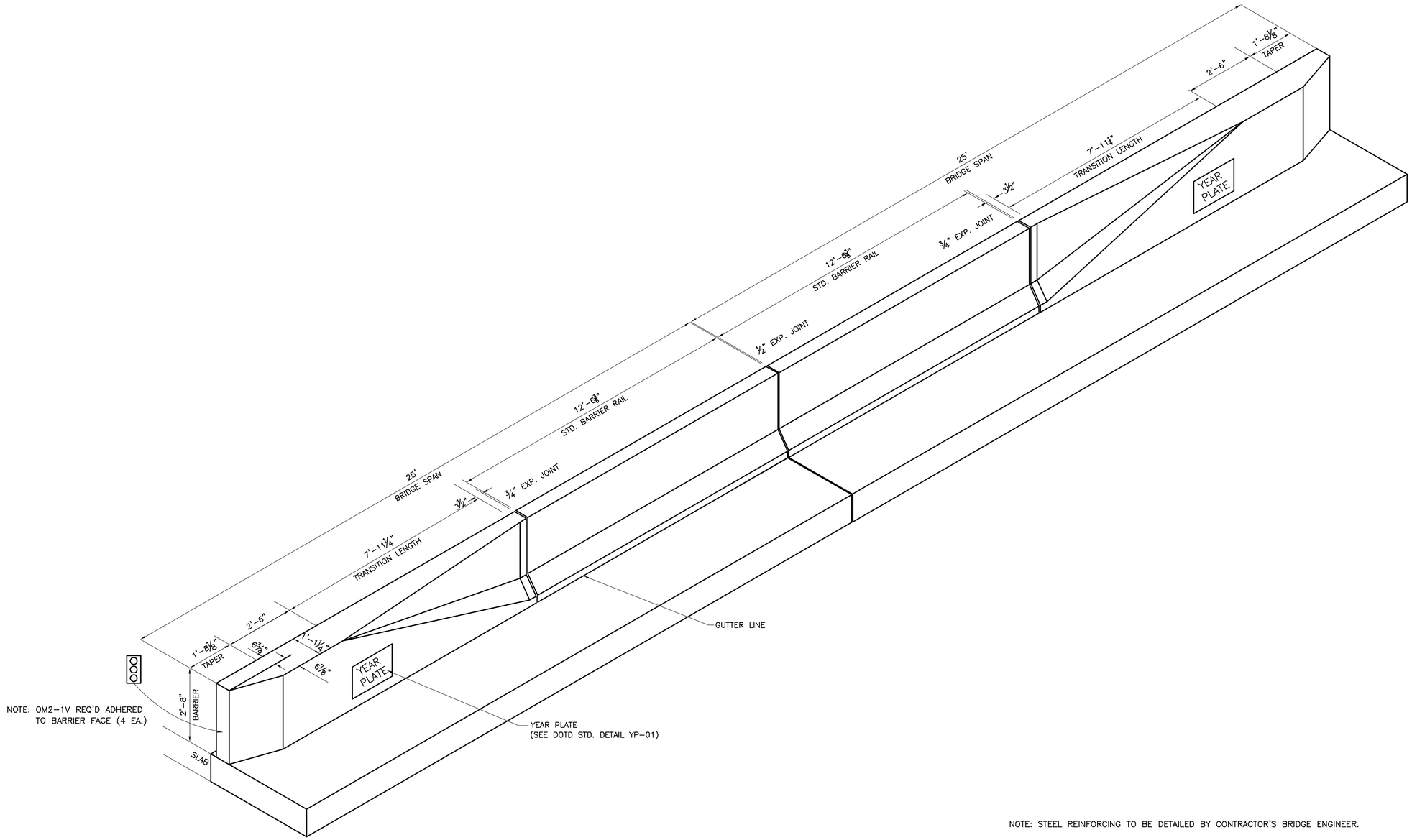
TN	TN	ACM	1503

SCALE: (24x36) -
SCALE: (11x17) -
DATE: FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

BRIDGE DETAILS

SHEET NO. 11



CAST-IN-PLACE BARRIER RAILING

SCALE: N.T.S.

NOTE: STEEL REINFORCING TO BE DETAILED BY CONTRACTOR'S BRIDGE ENGINEER.

CADD FILE NAME:
1503-DT-Bridge Details

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-	-	FEB 2016

FAIRWAY DRIVE
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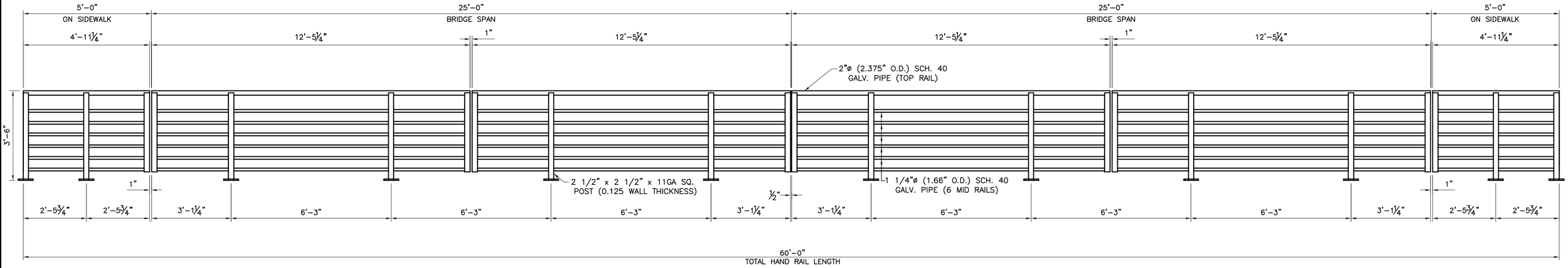
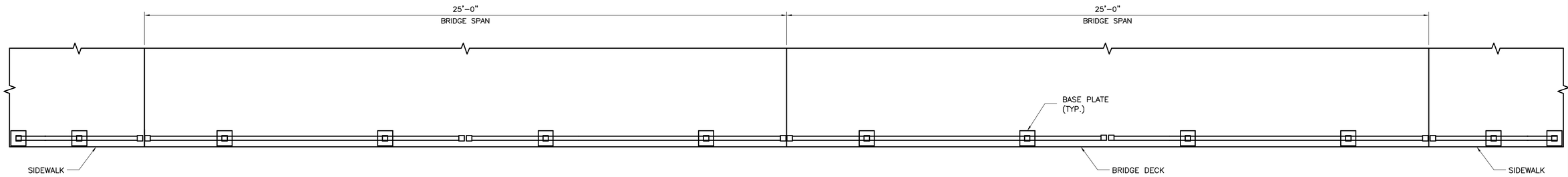
BRIDGE DETAILS

SHEET NO.
12



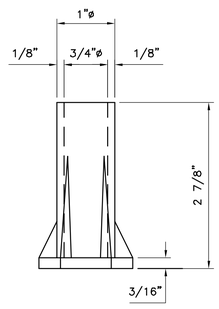
ELEVATION - WELDED PEDESTRIAN HANDRAIL

SCALE: 1/2"=1'-0"



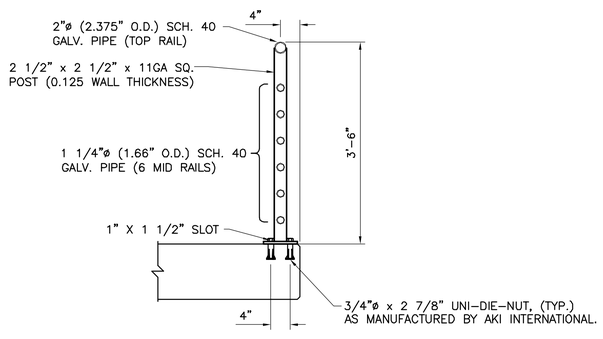
PLAN - WELDED PEDESTRIAN HANDRAIL

SCALE: 1/2"=1'-0"



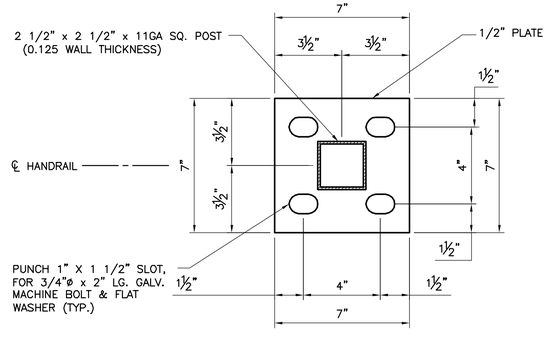
3/4" UNI-DIE-NUT

SCALE: N.T.S.



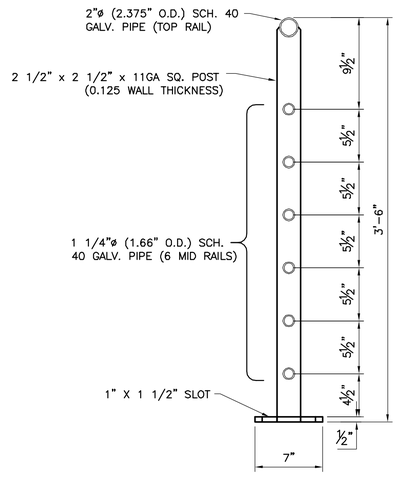
HANDRAIL CONNECTION DETAIL

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



HANDRAIL BASE PLATE

SCALE: 3"=1'-0"



WELDED HANDRAIL SECTION

SCALE: 1 1/2"=1'-0"

CADD FILE NAME:
1503-DT-Bridge Details

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-	-	FEB 2016

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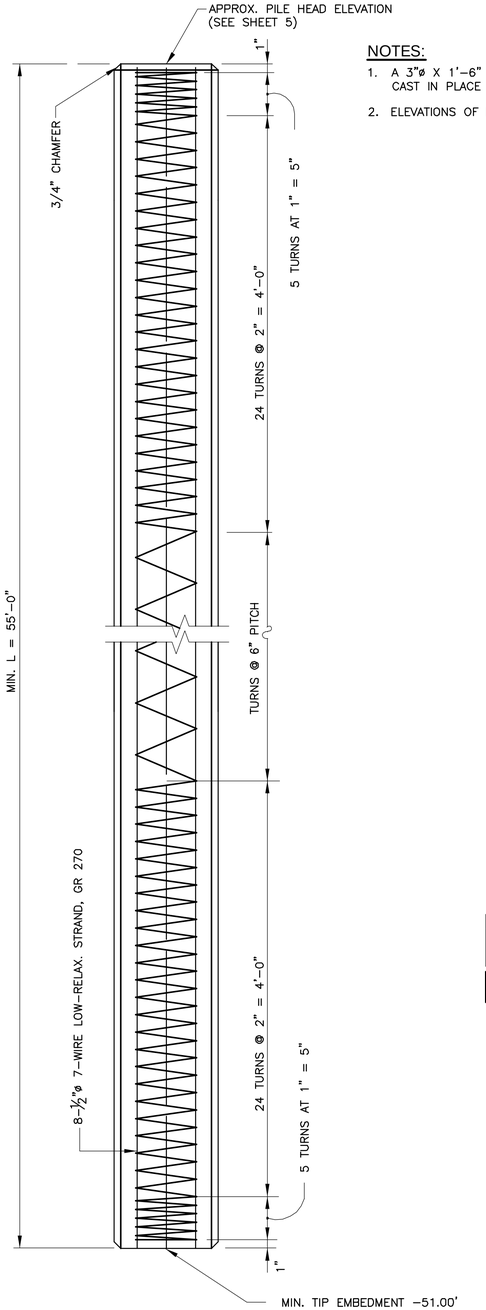
BRIDGE DETAILS

SHEET NO.
13

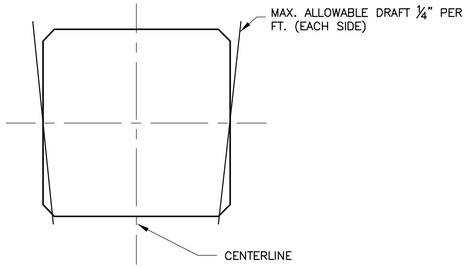


14" SQ. PRECAST PRESTRESSED CONCRETE PILE

SCALE: N.T.S.

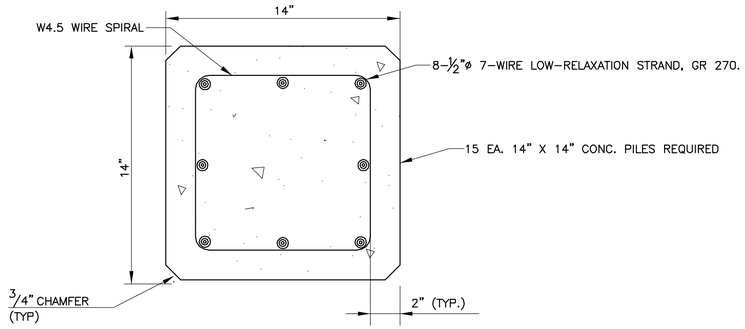
NOTES:

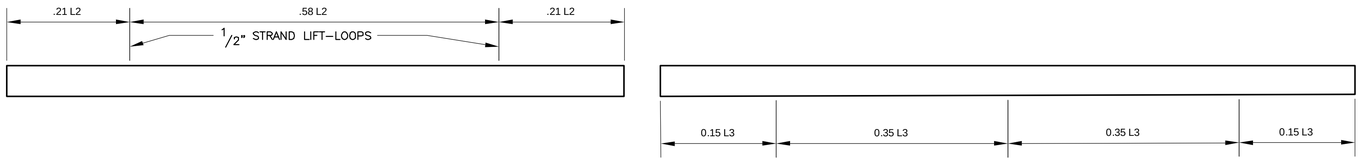
1. A 3"ø X 1'-6" DEEP VOID SHALL BE PROVIDED AT FINISHED PILE HEAD, CAST IN PLACE OR POST-INSTALLED.
2. ELEVATIONS OF PILE HEAD SHALL BE ACCORDING TO SHEET 5.



DRAFT DETAIL

SCALE: N.T.S.





2-POINT PICK-UP

3-POINT PICK-UP

PICK-UP DETAILS

SCALE: N.T.S.

GENERAL NOTES:

1. THE CONTRACTOR SHALL DESIGN AND SUBMIT FOR APPROVAL A CONCRETE MIX MINIMUM COMPRESSIVE CYLINDER STRENGTH OF 5,000 PSI AT 28 DAYS. CONCRETE STRENGTH AT THE TIME OF TRANSFER OF PRESTRESSED FORCE SHALL BE 4,000 PSI OR GREATER. BUILD-UP CONCRETE SHALL BE THE SAME DESIGN AS THE PRESTRESS CONCRETE.
2. PRETENSIONED REINFORCEMENT SHALL BE ½" DIA. SEVEN-WIRE, UNCOATED LOW-RELAXATION, GRADE 270 AND SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M203. AN INITIAL TENSION OF 30,980 LBS. SHALL BE APPLIED TO EACH STRAND.
3. REINFORCING STEEL SHALL BE DEFORMED BILLET STEEL BARS, GRADE 60 AND SHALL MEET THE REQUIREMENTS OF AASHTO M31.
4. SPIRAL REINFORCEMENT SHALL BE SIZE W-4.5 COLD-DRAWN STEEL WIRE AND SHALL CONFORM TO AASHTO M 32M.
5. MANUFACTURE OF THE PILING AND FABRICATION TOLERANCES SHALL BE IN ACCORDANCE WITH THE "MANUAL FOR QUALITY CONTROL FOR PLANTS AND PRODUCTION OF STRUCTURAL PRECAST CONCRETE PRODUCTS (MNL-116, LATEST EDITION)" PUBLISHED BY PCI.
6. ON PILES 18" DIA. OR SMALLER, ALL EXPOSED CONCRETE CORNERS ARE TO HAVE ¾" CHAMFERS. ON PILES 20" DIA. OR LARGER, ALL EXPOSED CONCRETE CORNERS ARE TO HAVE 1 ½" CHAMFERS. A 1" RADIUS CURVE WILL BE PERMTIIED IN LIEU OF CHAMFERS SHOWN ABOVE. HOWEVER, ALL PILES FURNISHED SHALL BE OF THE SAME CONFIGURATION.
7. LOADING CRITERIA ARE BASED ON CAREFUL HANDLING OF THE PILE. ROTATION OF THE PILE IN THE SLING IS TO BE PREVENTED UNTIL THE PILE IS IN THE VERTICAL POSITION. PICK-UP POINTS FOR ALL PILES ARE TO BE CLEARLY MARKED ON PILES. SUPPORTS FOR STORAGE SHALL BE AT PICK-UP POINTS (FOR 1-POINT PICK-UP USE SUPPORTS 0.29L FROM EACH END). PILES WILL BE MADE AT A CENTRAL PLANT AND TO BE TRANSPORTED TO THE BRIDGE SITE. ALL PRESTRESSED PILING SHALL BE HELD AT THE PLANT FOR 14 DAYS AFTER CASTING, PROVIDING THE COMPRESSIVE STRENGTH OF 5,000 PSI HAS BEEN ATTAINED. PICK-UP POINTS SHOWN MAY BE MODIFIED FOR TRANSPORTATION PURPOSES, PROVIDED THE PILE STRESSES ARE IN ACCORDANCE WITH DESIGN CRITERIA. THE MODIFIED PICK-UP SHALL BE SENT TO THE ENGINEER FOR REVIEW. ALL EMBEDDED LIFTING LOOPS SHALL BE PROVIDED WITH 1.5" DEEP FOAM BLOCKOUTS. THE HOLE REMAINING AFTER THE LOOP IS REMOVED IS TO BE FILLED WITH A PATCHING MATERIAL FROM QPL NO. 49. THE PATCHING MATERIAL MUST MEET OR EXCEED CONCRETE REQUIREMENTS FOR STRENGTH AND PERMEABILITY. STRESSES SHALL NOT EXCEED VALUES GIVEN IN THE SPECIFICATIONS.
8. PILES SHALL BE DRIVEN TO AT LEAST THE MINIMUM TIP ELEVATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PILES SHALL BE DRIVEN TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.

14" PILE CAPACITY DATA:

1. MAX. ALLOWABLE AXIAL LOAD (STRUCTURAL) = 110^K
2. MAX. ALLOWABLE AXIAL LOAD (GEOTECHNICAL) = 70^K
3. EFFECTIVE CONSTRUCTED GEOTECHNICAL FACTOR OF SAFETY AGAINST AXIAL FAILURE = 3.2

PILE INFORMATION

PILE SIZE (IN.)	VOID "D" (IN.)	AREA ($IN.^2$)	SECTION MODULUS ($IN.^3 \times 10^3$)	WEIGHT PER FOOT (LB X FT)	CHAMFER (IN.)	NO. OF STRANDS (IN.)	SQUARE SPIRAL LAYOUTS				
							PRESTRESS IN CONCRETE (PSI)		MAX. CASTING LENGTH (FT.)		
							AT RELEASE	AT 90 DAYS	L1	L2	L3
14 SOLID	0	196	457	204	3/4	8	1200	1109	56.4	79.9	114.1

CADD FILE NAME: 1503-DT-Pile Details

REVISIONS

DATE:	REMARKS:	APP'D

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	JOB NO.
TN	TN	ACM	1503

SCALE: (24x36)	SCALE: (11x17)	DATE:
NTS	NTS	FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

PILE DETAILS

SHEET NO. 14

14 OF 17

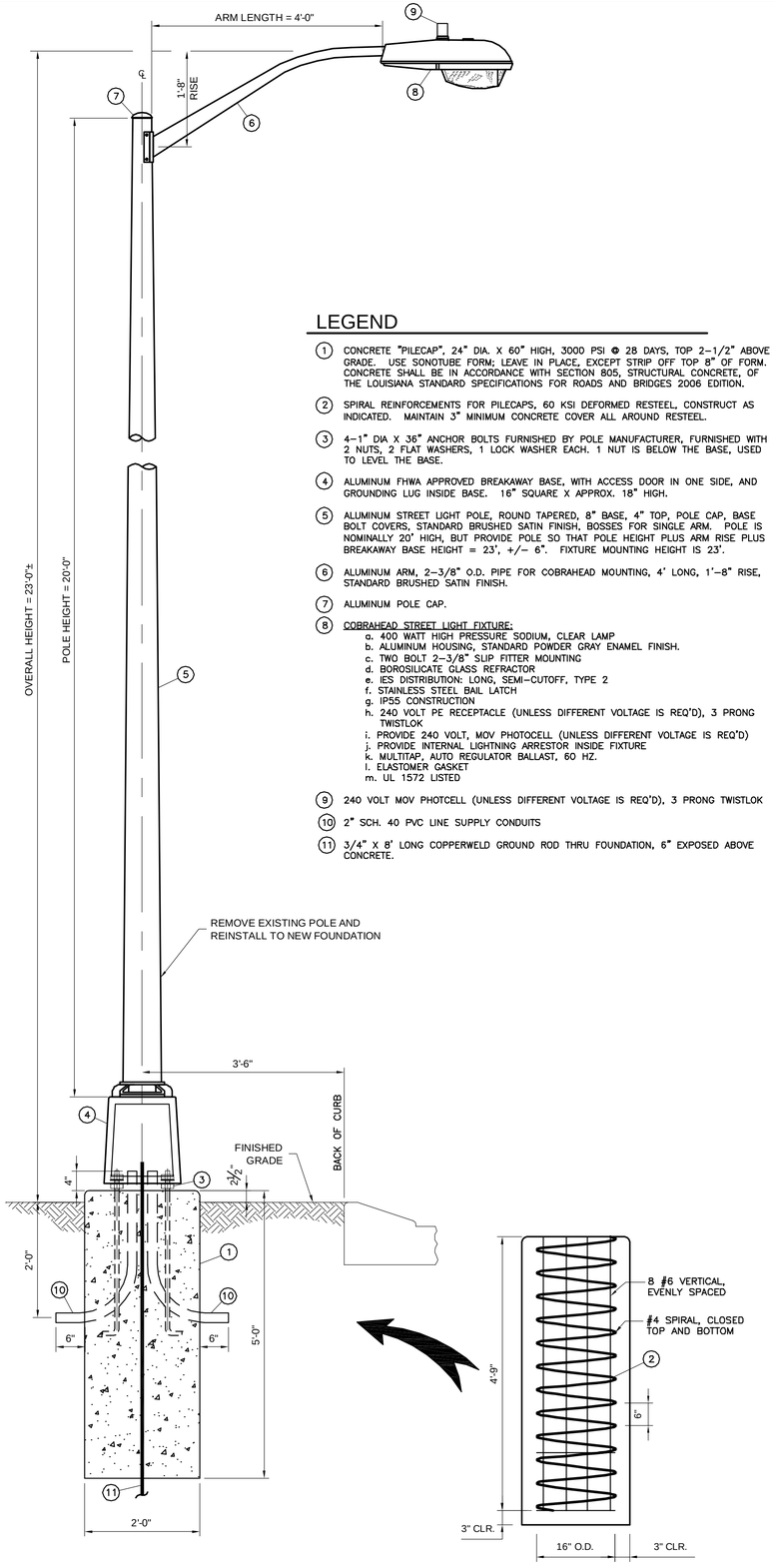
NOTE:
CONTRACTOR SHALL THOROUGHLY PROBE AREA FOR EXISTING UTILITIES, PRIOR TO PERFORMING ANY EXCAVATION. ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO PRE CONSTRUCTION CONDITIONS AT THE EXPENSE OF CONTRACTOR.

STREET LIGHTING NOTES

1. ALL WORK DONE AND MATERIAL SUPPLIED SHALL BE IN ACCORDANCE WITH ST. JOHN THE BAPTIST PARISH ORDINANCES, LATEST REVISIONS THEREOF, GOVERNING THE INSTALLATION OF STREET LIGHTING.
2. THE ELECTRICAL CONTRACTOR SHALL SECURE ALL PERMITS FOR HIS WORK AND ARRANGE FOR ALL INSPECTIONS REQUIRED BY THE PARISH. A FINAL INSPECTION CERTIFICATE ISSUED BY THE ELECTRICAL SECTION OF THE DEPARTMENT OF REGULATORY INSPECTION MUST BE OBTAINED AND PRESENTED TO THE OWNER PRIOR TO FINAL PAYMENT.
3. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE EXISTING UTILITIES SHOWN ON APPROVED CONSTRUCTION PLANS AND HE SHALL TAKE PRECAUTIONS TO PROTECT THEM DURING CONSTRUCTION. UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AT HIS EXPENSE.
4. ALL STREET LIGHTING MATERIAL, EQUIPMENT AND WIRING WILL BY IN STRICT ACCORDANCE WITH THE GOVERNING ORDINANCE.

   STANDARDS WILL BE 20 FT. MOUNTING HEIGHT, TAPERED ALUMINUM, CROUSE HINDS CATALOG NO. #742072/SB 2H 156 (OR EQUAL).
   LUMINARIES, 175 WATT MERCURY VAPOR, CROUSE HINDS SIMILAR TO CATALOG NO. DA1ADLM-A55B1, EXCEPT 240V WITH 120V P.E., OR EQUAL.

   P.E. CELLS, 120 VOLT, FISHER PIERCE SERIES 6660 OR EQUAL.
5. WIRING BETWEEN STANDARDS AND FROM STANDARDS TO FEED POINTS WILL BE PROVIDED BY CONTRACTOR. COORDINATE WITH POWER COMPANY TO USE EXISITING SERVICE.
6. REFER TO OTHER UTILITY PLANS FOR LOCATION OF WATER, DRAINAGE, SEWER, ETC. TO AVOID CONFLICTS WITH THOSE UTILITIES.
7. EXISTING POLE AND FOUNDATION SHALL BE REMOVED.

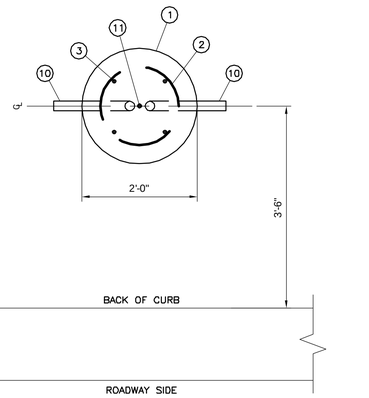


LEGEND

1. CONCRETE "PILECAP", 24" DIA. X 60" HIGH, 3000 PSI @ 28 DAYS, TOP 2-1/2" ABOVE GRADE. USE SONOTUBE FORM; LEAVE IN PLACE, EXCEPT STRIP OFF TOP 8" OF FORM. CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 805, STRUCTURAL CONCRETE, OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES 2006 EDITION.
2. SPIRAL REINFORCEMENTS FOR PILECAPS, 60 KSI DEFORMED RESTEEL, CONSTRUCT AS INDICATED. MAINTAIN 3" MINIMUM CONCRETE COVER ALL AROUND RESTEEL.
3. 4-1" DIA X 36" ANCHOR BOLTS FURNISHED BY POLE MANUFACTURER, FURNISHED WITH 2 NUTS, 2 FLAT WASHERS, 1 LOCK WASHER EACH. 1 NUT IS BELOW THE BASE, USED TO LEVEL THE BASE.
4. ALUMINUM FHWA APPROVED BREAKAWAY BASE, WITH ACCESS DOOR IN ONE SIDE, AND GROUNDING LUG INSIDE BASE. 16" SQUARE X APPROX. 18" HIGH.
5. ALUMINUM STREET LIGHT POLE, ROUND TAPERED, 8" BASE, 4" TOP, POLE CAP, BASE BOLT COVERS, STANDARD BRUSHED SATIN FINISH, BOSSES FOR SINGLE ARM. POLE IS NOMINALLY 20' HIGH, BUT PROVIDE POLE SO THAT POLE HEIGHT PLUS ARM RISE PLUS BREAKAWAY BASE HEIGHT = 23', +/- 6". FIXTURE MOUNTING HEIGHT IS 23'.
6. ALUMINUM ARM, 2-3/8" O.D. PIPE FOR COBRAHEAD MOUNTING, 4' LONG, 1'-8" RISE, STANDARD BRUSHED SATIN FINISH.
7. ALUMINUM POLE CAP.
8. COBRAHEAD STREET LIGHT FIXTURE:
   a. 400 WATT HIGH PRESSURE SODIUM, CLEAR LAMP
   b. ALUMINUM HOUSING, STANDARD POWDER GRAY ENAMEL FINISH.
   c. TWO BOLT 2-3/8" SLIP FITTER MOUNTING
   d. BOROSILICATE GLASS REFRACTOR
   e. IES DISTRIBUTION: LONG, SEMI-CUTOFF, TYPE 2
   f. STAINLESS STEEL BAIL LATCH
   g. IP55 CONSTRUCTION
   h. 240 VOLT PE RECEPTACLE (UNLESS DIFFERENT VOLTAGE IS REQ'D), 3 PRONG TWISTLOK
   i. PROVIDE 240 VOLT, MOV PHOTOCELL (UNLESS DIFFERENT VOLTAGE IS REQ'D)
   j. PROVIDE INTERNAL LIGHTNING ARRESTOR INSIDE FIXTURE
   k. MULTITAP, AUTO REGULATOR BALLAST, 60 HZ.
   l. ELASTOMER GASKET
   m. UL 1572 LISTED
9. 240 VOLT MOV PHOTCELL (UNLESS DIFFERENT VOLTAGE IS REQ'D), 3 PRONG TWISTLOK
10. 2" SCH. 40 PVC LINE SUPPLY CONDUITS
11. 3/4" X 8' LONG COPPERWELD GROUND ROD THRU FOUNDATION, 6" EXPOSED ABOVE CONCRETE.

1 LIGHT POLE FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"

SPIRAL REINFORCEMENT
ALL 60 KSI RESTEEL



2 LIGHT POLE FOUNDATION PLAN VIEW
SCALE: 3/4" = 1'-0"

CADD FILE NAME:
1503-DT- Street Light

REVISIONS

DATE:	REMARKS:	APP'D

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	JOB NO.
TN	TN	ACM	1503

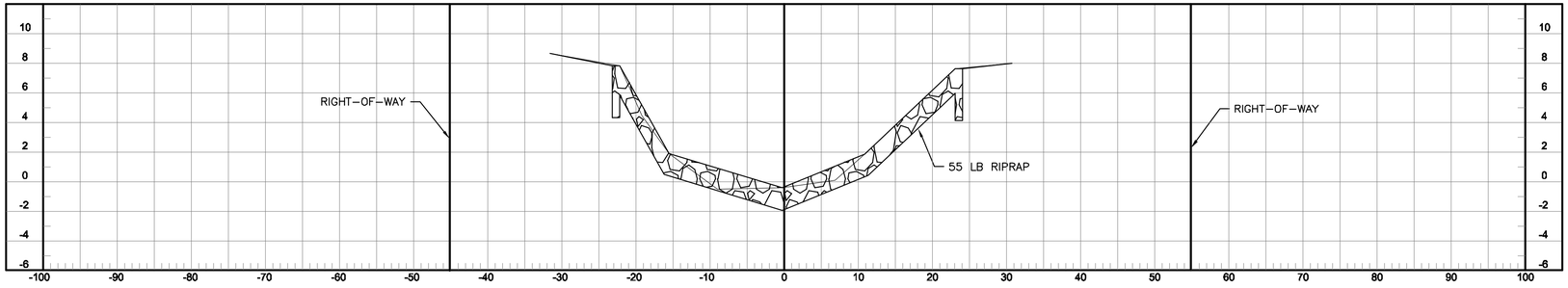
SCALE: (24x36)	SCALE: (11x17)	DATE:
-	-	FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

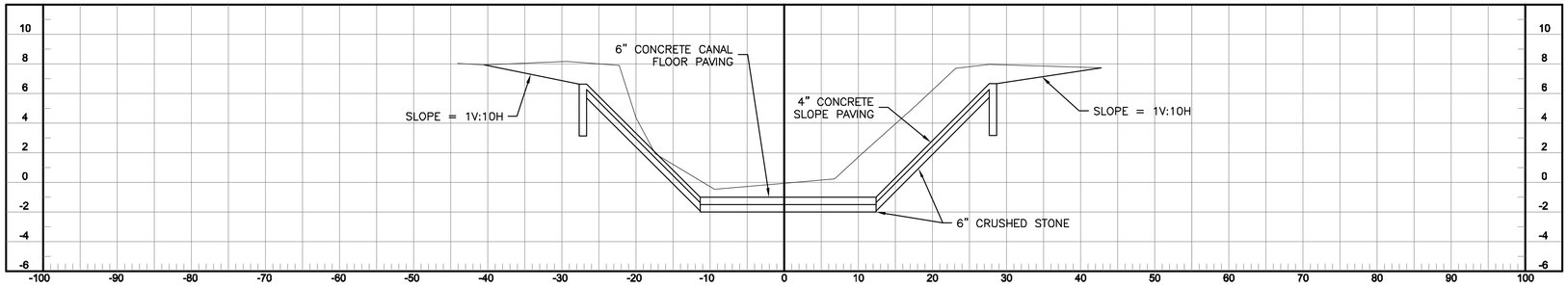
STREET LIGHT DETAILS

SHEET NO.
15

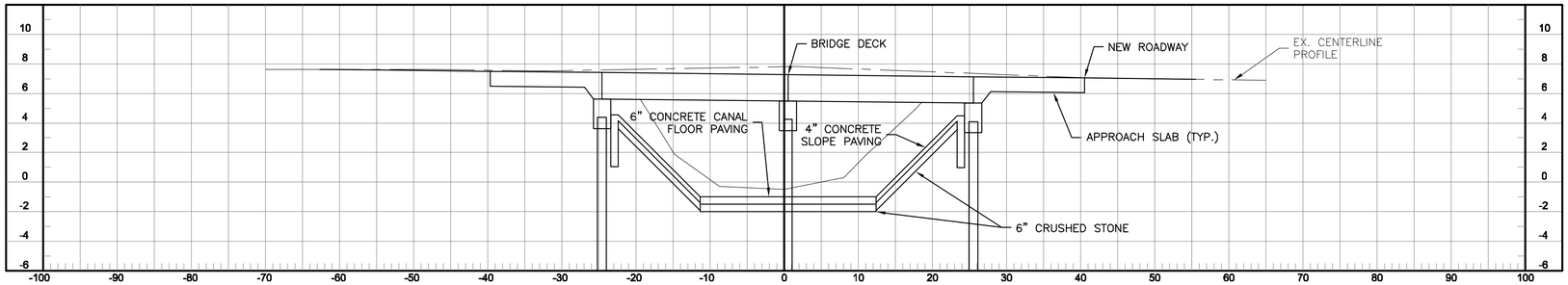
STA: 1+59.90
O/S: 42.17' LT



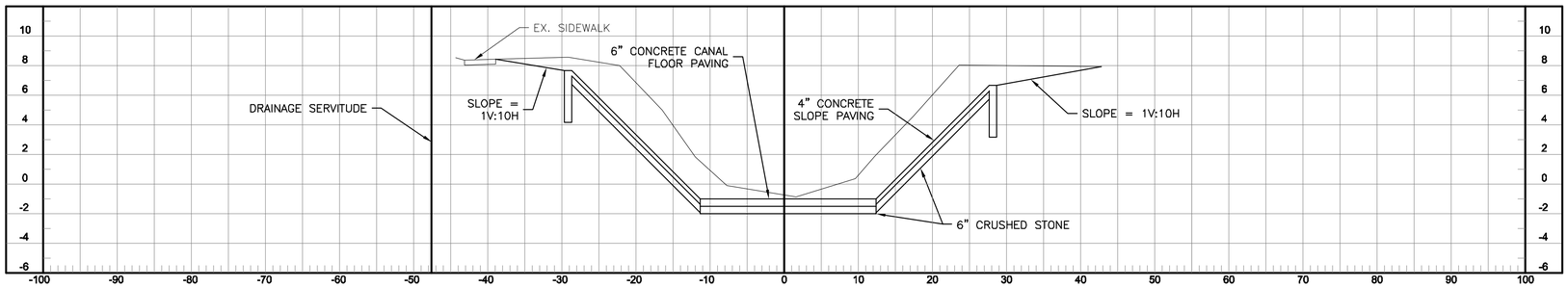
STA: 1+61.24
O/S: 25.92' LT



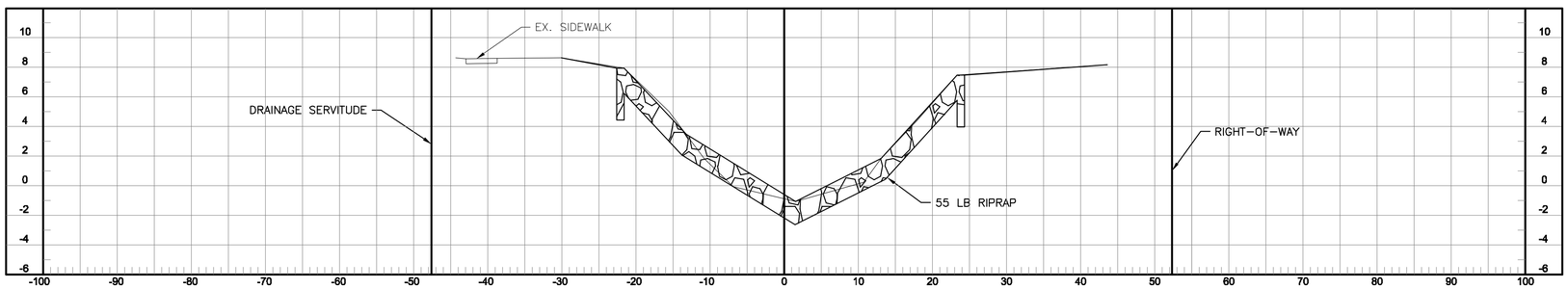
ROADWAY CENTERLINE
STA. 1+63.28
O/S: 0.04' RT



STA: 1+65.41
O/S: 28.63' RT



STA: 1+66.74
O/S: 47.32' RT



CADD FILE NAME:
1503-SC-Cross Sections

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DATE:	REMARKS:	APP'D

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DESIGNED BY: TN
DRAWN BY: TN
CHECKED BY: ACM
JOB NO. 1503

SCALE: (24x36) 1" = 10' 1" = 5'
SCALE: (11x17) 1" = 20' 1" = 10'
DATE: FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

CANAL CROSS SECTIONS

SHEET NO. 16

NOTES

1. CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL AND DETOUR SIGNAGE THROUGHOUT THE PROJECT DURATION. INSPECTIONS OF SAME SHALL BE CONDUCTED AND DOCUMENTED DAILY, INCLUDING WEEKENDS AND HOLIDAYS.
2. ALL TRAFFIC CONTROL DEVICES AND SIGNS SHALL BE IN ACCORDANCE WITH THE LSSRB AND MUTCD.
3. SIDEWALK ACCESS TO THE SITE SHALL BE BLOCKED WITH TEMPORARY CONSTRUCTION FENCE AND SAFETY MARKING TAPE.
4. TRAFFIC CONTROL MEASURES SHOWN ARE THE MINIMUM. ADDITIONAL MEASURES MAY BE EMPLOYED BY THE CONTRACTOR AS APPROVED BY THE ENGINEER, OR ORDERED FOR SAFETY OF THE PUBLIC.

R11–2 SIGN

R11–2 SIGN

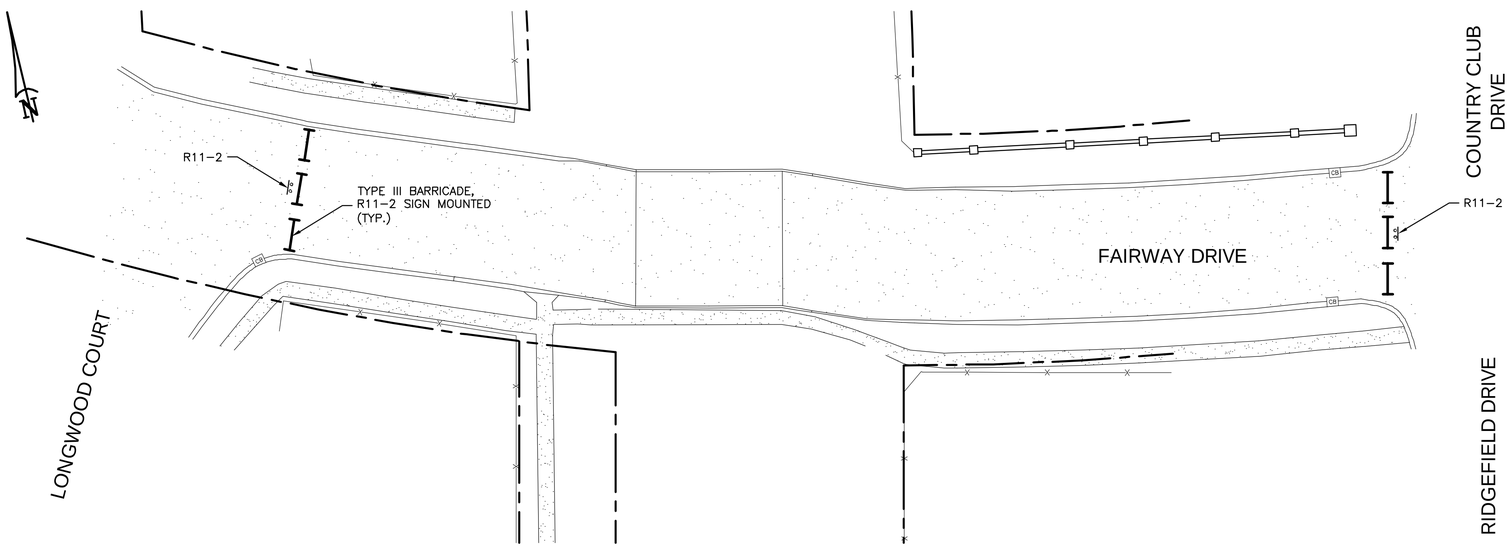
W16–8 SIGN

M4–9L SIGN

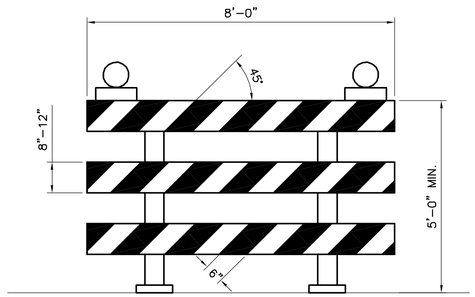
M4–9R SIGN

SCALE:
NTS

SCALE:
NTS



SCALE:
FULL SIZE: 1" = 20'
HALF SIZE: 1" = 40'



TYPE 3 BARRICADE
WITH TWO TYPE B
WARNING LIGHTS

SCALE:
NTS

CADD FILE NAME:
1503-PL-Traffic Control Plan

REVISIONS

DATE:	REMARKS:	APP'D

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DESIGNED BY: TN	DRAWN BY: TN	CHECKED BY: ACM	JOB NO. 1503
SCALE: (24x36) -	SCALE: (11x17) -		DATE: FEB 2016

FAIRWAY DRIVE
BRIDGE REPLACEMENT
ST. JOHN THE BAPTIST PARISH
LAPLACE, LOUISIANA

TRAFFIC CONTROL PLAN

SHEET NO.
17