

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

SEN-635-0.00
VILLAGE OF BASCOM
HOPEWELL & LIBERTY TWPS.
SENECA COUNTY

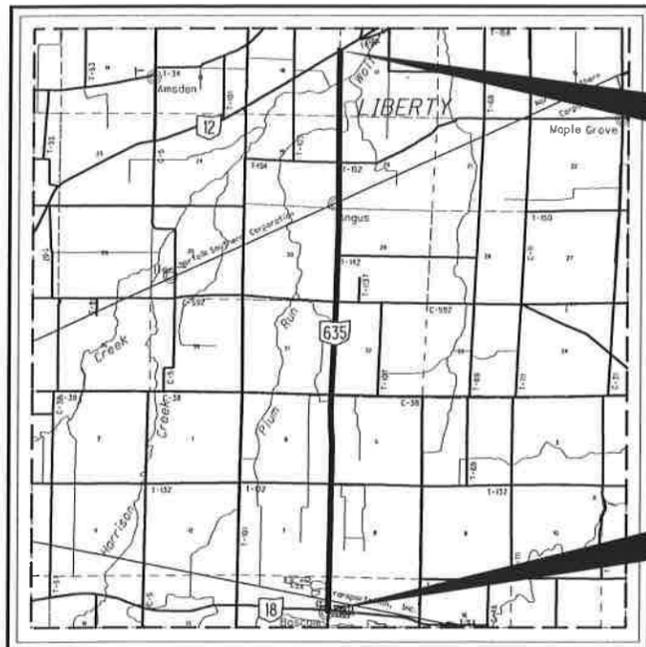
PROJECT DESCRIPTION

UPGRADING 6.08 MILES OF SR 635 IN SANDUSKY COUNTY BY RESURFACING, PAVEMENT REPAIRS AND NECESSARY RELATED WORK. ALSO TO UPGRADE NE CORNER OF INTERSECTION AT SR 18.

PROJECT EARTH DISTURBED AREA: 0.30
NOTICE OF INTENT EARTH DISTURBED AREA: 0.30
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:
(N/A - NOI NOT REQUIRED)

2016 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.



LOCATION MAP

LATITUDE: 41°10'39" LONGITUDE: 83°17'06"



PORTION TO BE IMPROVED

INTERSTATE HIGHWAY	---
FEDERAL ROUTES	---
STATE ROUTES	---
COUNTY & TOWNSHIP ROADS	---
OTHER ROADS	---

DESIGN DESIGNATION

CURRENT ADT (2019)	2200
DESIGN YEAR ADT (2031)	2300
DESIGN HOURLY VOLUME (2028)	250
DIRECTIONAL DISTRIBUTION	52%
TRUCKS (24 HOUR B&C)	12%
DESIGN SPEED	60 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
RURAL MAJOR COLLECTOR	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE

INDEX OF SHEETS:

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UNDERGROUND UTILITIES
CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL
1-800-362-2764
(TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS UNDERGROUND
PROTECTION SERVICE CALL: **1-800-925-0988**

PLAN PREPARED BY:
OHIO DEPT OF TRANSPORTATION
DISTRICT TWO
BOWLING GREEN, OHIO

STRUCTURE:

SIGNED: *David J. Geckle*
DATE: 1-22-18

ROADWAY:

SIGNED: *Julie Marie Fahy*
DATE: 1-22-18

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-3.1	7/18/14	MT-97.10	7/18/14	800	4/20/18	ASBESTOS	11/07/17
BP-4.1	7/19/13	MT-97.12	1/20/17	832	1/17/14		
BP-7.1	7/18/14	MT-99.20	7/21/17	875	1/17/14		
DM-1.1	7/21/17						
DM-1.2	1/18/13						
DM-4.4	1/15/16	MT-101.60	1/20/17				
		MT-101.90	7/21/17				
RM-1.1	7/18/14	MT-105.10	7/19/13				
TC-65.10	1/17/14						
TC-65.11	7/21/17						
TC-71.10	1/19/18						

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET 7.

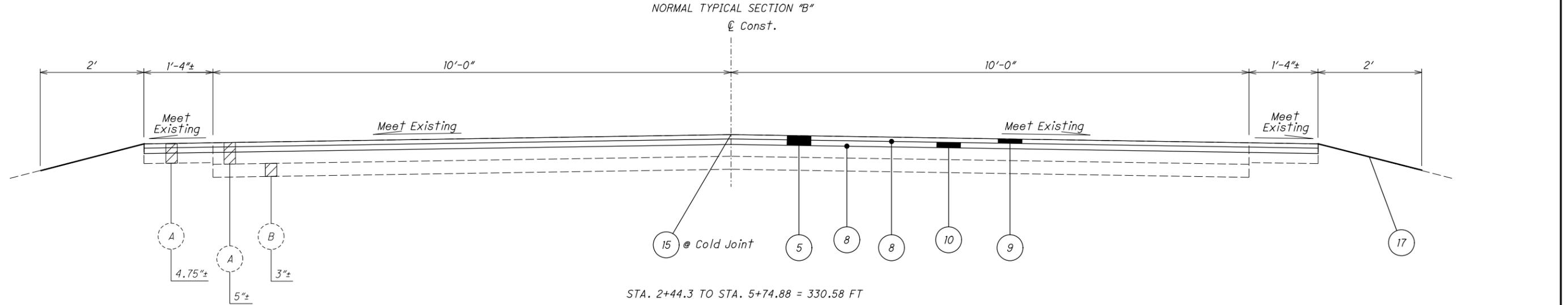
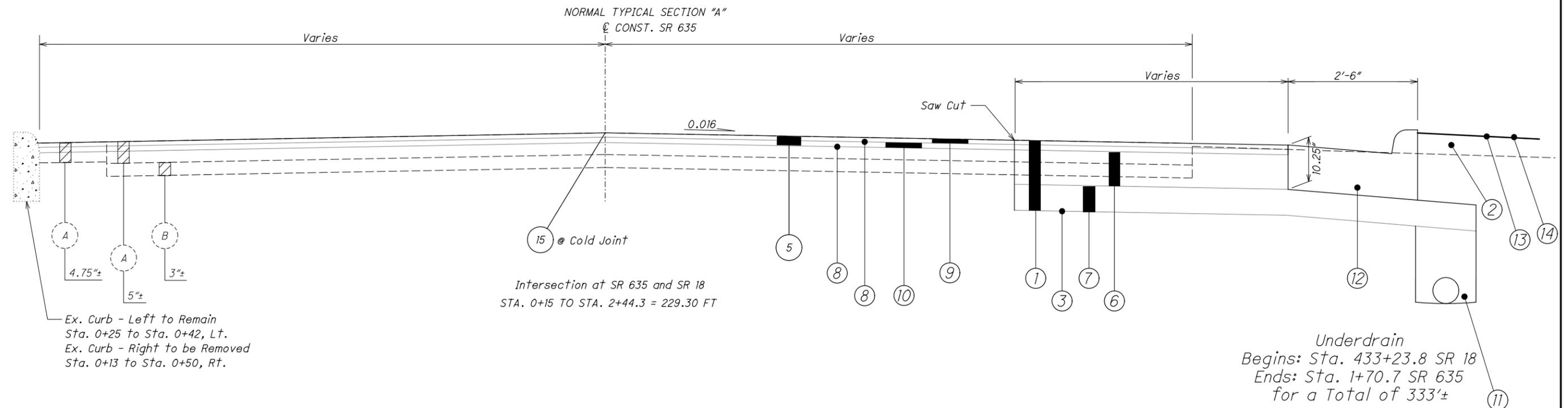
APPROVED: *Patrick McColley PE*
DATE: 1/19/2018 DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

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FEDERAL PROJECT NO. E130122
PID NO. 92128
CONSTRUCTION PROJECT NO. CSX AND NORFOLK SOUTHERN
RAILROAD INVOLVEMENT
SEN-635-0.00
1/22

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PROPOSED LEGEND

- ① ITEM 202 - Pavement Removed (16.25"±)
- ② ITEM 203 - Embankment
- ③ ITEM 204 - Subgrade Compaction
- ④ ITEM 254 - Pavement Planing, Asphalt Concrete - 1 1/2"
- ⑤ ITEM 254 - Pavement Planing, Asphalt Concrete - 2 1/4"
- ⑥ ITEM 301 - Asphalt Concrete Base, PG64-22 - 8"
- ⑦ ITEM 304 - Aggregate Base - 6"
- ⑧ ITEM 407 - Non-Tracking Tack Coat
- ⑨ ITEM 424 - Fine Graded Polymer Asphalt Concrete, Type B, As Per Plan - 1"
- ⑩ ITEM 441 - Asphalt Concrete Intermediate Course, Type 1, (448) - 1 1/4"
- ⑪ ITEM 605 - 6" Base Pipe Underdrain with Geotextile Fabric, 707.31

- ⑫ ITEM 609 - Combination Curb and Gutter, Type 2 - (T=10.25")
- ⑬ ITEM 653 - Topsoil Furnished and Placed - 2" Thick
- ⑭ ITEM 659 - Seeding and Mulching, Fertilizer, Water
- ⑮ ITEM 875 - Longitudinal Joint Adhesive
- ⑯ ITEM 209 - Preparing Subgrade for Shoulder Paving, As Per Plan
ITEM 424/441 - Asphalt Concrete - Safety Edge (See General Notes) } Sta. 7+00 to Sta. 320+42
- ⑰ ITEM 209 - Linear Grading - 2'
ITEM 617 - Compacted Aggregate - 2'

EXISTING LEGEND

- A ASPHALT CONCRETE (AVERAGE THICKNESS AS SHOWN)
2 1/4"-6 3/4" Avg. 5"
- B BASE (AVERAGE THICKNESS AS SHOWN)
1 1/2"-4 1/4" Avg. 3"

EXISTING PAVEMENT

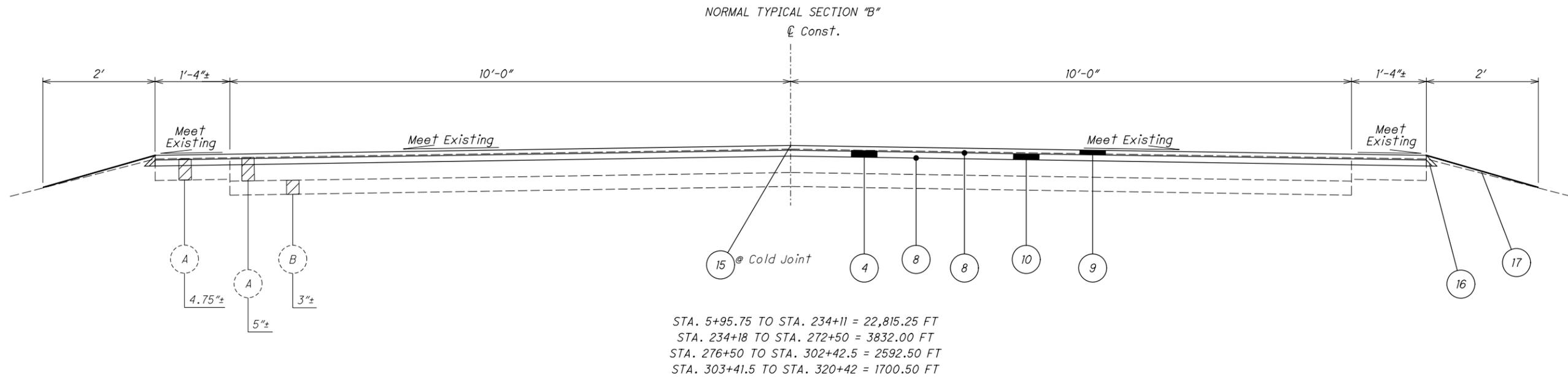
County	Route	SLM	Asphalt	Base	Macadam	Location	Dir.	Core Year
SEN	SR 635	0	4.5"	3.75"		DL	NB	2014
SEN	SR 635	0	5"			SH	NB	2014
SEN	SR 635	1	2.25"	4.25"	2.5"	DL	SB	2014
SEN	SR 635	1	4.75"			SH	SB	2014
SEN	SR 635	2	8.5"			DL	NB	2014
SEN	SR 635	3	2.75"	4"		DL	SB	2014
SEN	SR 635	4	5.75"	1.5"		DL	NB	2014
SEN	SR 635	5	6.75"	2.5"		DL	SB	2014
SEN	SR 635	5	3.5"	1.5"		SH	SB	2014
SEN	SR 635	6	6"			DL	NB	2014
SEN	SR 635	6	4.75"			SH	NB	2014

DL=DRIVING LANE SH=SHOULDER

TYPICAL SECTIONS

SEN-635-0.00

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STA. 5+95.75 TO STA. 234+11 = 22,815.25 FT
 STA. 234+18 TO STA. 272+50 = 3832.00 FT
 STA. 276+50 TO STA. 302+42.5 = 2592.50 FT
 STA. 303+41.5 TO STA. 320+42 = 1700.50 FT

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Sta. 7+00 to Sta. 320+42

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2 1/4"-6 3/4" Avg. 5"
- Ⓑ BASE (AVERAGE THICKNESS AS SHOWN)
1 1/2"-4 1/4" Avg. 3"

EXISTING PAVEMENT

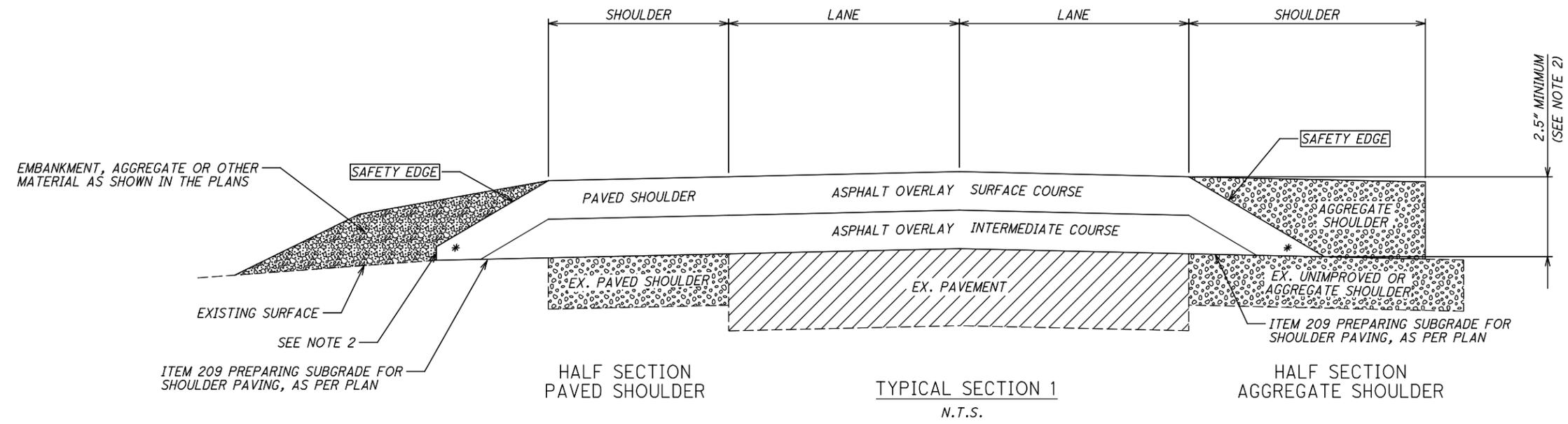
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SEN	SR 635	2	8.5"			DL	NB	2014
SEN	SR 635	3	2.75"	4"		DL	SB	2014
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SEN	SR 635	5	6.75"	2.5"		DL	SB	2014
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SEN	SR 635	6	6"			DL	NB	2014
SEN	SR 635	6	4.75"			SH	NB	2014

DL=DRIVING LANE SH=SHOULDER

TYPICAL SECTIONS

SEN-635-0.00

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NOTES:

- 1.) SAFETY EDGES ARE REQUIRED AT THE OUTSIDE EDGES OF THE PAVED ROADWAY (EDGE OF TRAVEL LANE OR EDGE OF PAVED SHOULDER).
 - 2.) CONSTRUCT THE SAFETY EDGE THE FULL ASPHALT CONCRETE OVERLAY THICKNESS OR 2.5" (63MM) WHICHEVER IS GREATER, NOT TO EXCEED THE MAXIMUM SAFETY EDGE THICKNESS OF 6" (150MM). CONSTRUCT A NEAR-VERTICAL FACE BELOW THE SAFETY EDGE FOR THICKNESS GREATER THAN 6" (150 MM).
 - 3.) BLADE AND SHAPE EXISTING SHOULDER MATERIAL TO FORM A UNIFORM SURFACE UNDER THE SAFETY EDGE PRIOR TO PLACEMENT OF THE ASPHALT CONCRETE OVERLAY.
 - 4.) FOR NEW PAVEMENT CONSTRUCT THE SAFETY EDGE THE FULL THICKNESS OF THE SURFACE AND INTERMEDIATE COURSES, NOT TO EXCEED 3.25" (82 MM).
- * 40° MAX

TYPICAL SECTIONS
ASPHALT SAFETY EDGE DETAIL

SEN-635-0.00

UTILITIES

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

BASCOM MUTUAL TELEPHONE COMPANY
POB 316
BASCOM, OHIO 44809
419-937-2222

COLUMBIA GAS OF OHIO
2901 E MANHATTAN BLVD
TOLEDO, OH 43611
419-539-6066

CHARTER TELECOMMUNICATIONS
3760 INTERCHANGE DRIVE
COLUMBUS, OH 43204
614-255-6340

MCI
120 RAVINE AVE
AKRON, OH 44303
330-253-8267

NORTH CENTRAL ELECTRIC COOPERATIVE, INC
POB 475
ATTICA, OH 44807
800-426-3072

AEP - AMERICAN ELECTRIC POWER
2622 STATE ROUTE 100
TIFFIN, OH 44883
109-209-5583

ELEVATION DATUM

ALL ELEVATIONS ARE ORTHOMETRIC HEIGHTS USING THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND THE 2012A GEOID. HORIZONTAL POSITIONS ARE BASED ON THE OHIO STATE PLANE NORTH ZONE, A LAMBERT CONFORMAL CONIC MAP PROJECTION, THE NORTH AMERICAN DATUM OF 1983 ADJUSTED TO THE NATIONAL SPATIAL REFERENCE SYSTEM OF 2011 (NAD 83 (NSRS 2011)), AND THE GRS80 ELLIPSOID.

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY SHALL BE AS SHOWN ON THE TYPICAL SECTIONS.

ITEM 605 - UNDERDRAINS

337 FT 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC

QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 623 - MONUMENT ASSEMBLY, AS PER PLAN

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED FOR THE MONUMENT ASSEMBLY SHOWN IN THIS PLAN. THE MONUMENT ASSEMBLY IS TO BE ROUND AND PLACED AS DIRECTED BY THE ENGINEER. SEN-635, STA. 0+00/SEN-18, STA. 430+84.99.

1 EACH MONUMENT ASSEMBLY, AS PER PLAN

SEE SHEET NO. 13 FOR REFERENCE TIE AND SHEET 22 FOR FURTHER MONUMENT NOTATIONS. QUANTITY CARRIED TO THE GENERAL SUMMARY.

TRAFFIC CONTROL QUANTITIES

THE FOLLOWING ARE FOR INFORMATION ONLY:

PAVEMENT MARKINGS

THE CONTRACTOR WILL BE PROVIDED THE "NO PASSING ZONE LOG" FOR THE CENTER LINE PAVEMENT MARKING UPON REQUEST. THE FOLLOWING QUANTITIES ARE FOR INFORMATION ONLY:

YELLOW CENTER LINE		
DASHED	4.64 MILE	
DASHED SOLID	1.26 MILE	
DOUBLE SOLID	0.17 MILE	

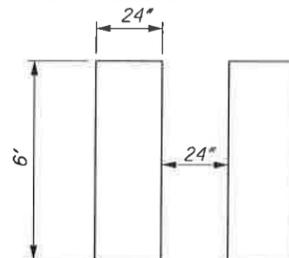
STRIPING CONTINUES THROUGH THE "NO WORK" AREA STA. 272+50 TO STA. 276+50

RAISED PAVEMENT MARKERS

TWO WAY YELLOW/YELLOW	401 EACH
ONE WAY WHITE	16 EACH

ITEM 642 - CROSSWALK LINE, AS PER PLAN

24" WIDE, WHITE LONGITUDINAL LINES SHALL BE PLACED PARALLEL TO TRAFFIC FLOW AS SHOWN IN FOLLOWING DETAIL. THE MARKING DESIGN SHOULD AVOID THE WHEEL PATHS. PAYMENT SHALL BE MADE IN FEET BY LENGTH OF EACH CROSSWALK LINE PLACED. (AS AN EXAMPLE: DETAIL SHOWS A TOTAL OF 12FT FOR PAYMENT)



ITEM	QTY	UNIT	DESCRIPTION
621	417	EACH	RPM
621	167	EACH	RAISED PAVEMENT MARKER REMOVED
642	12.14	MILE	EDGE LINE, 6"
642	6.07	MILE	CENTER LINE
644	11	FT	STOP LINE
644	138	FT	CROSSWALK LINE, AS PER PLAN
644	4	EACH	RAILROAD SYMBOL MARKING

ALL TRAFFIC CONTROL QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY.

ITEM 424 - FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN

PER CMS 424.08, 448 DENSITY APPLIES TO THIS PROJECT. DENSITY WILL BE TESTED ACCORDING TO SUPPLEMENT 1055 PER CMS 448.02. THE DISINCENTIVE PORTION OF S-1055 (TABLE 1055.01-1 AND TABLE 1055.04) WILL BE WAIVED PROVIDING THAT THE CONTRACTOR MAKES EVERY EFFORT TO OBTAIN DENSITY AND DOES NOT USE VIBRATORY ROLLERS.

ITEM 253, PAVEMENT REPAIR:

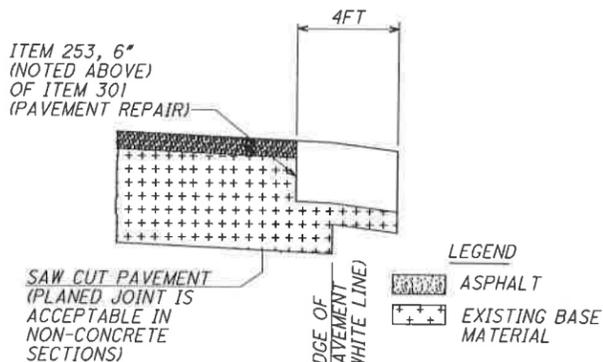
ALL EXISTING PAVEMENT AREAS WHICH WILL BE IN CONTACT WITH THE PAVEMENT REPAIR SHALL BE COATED WITH PG GRADE LIQUID ASPHALT (SIDES AND BOTTOM) AT AN APPLICATION RATE OF 0.25 GAL. PER SQ YD.)

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED FOR 6" PAVEMENT REPAIR FOR SENECA SR 635 AS DIRECTED BY THE THE ENGINEER AND BASED ON THE LENGTH SHOWN BELOW.

SEN 635 PAVEMENT REPAIRS ARE TO BE 4FT BOTH SIDES THE LENGTH OF THE PROJECT MINUS RECENT (2016) PAVEMENT REPAIRS (4783'±).

$(63,006' - 4783') \times (4') \times (16/12) \times (1/27) = 4313 \text{ CY}$

QUANTITY CARRIED TO THE GENERAL SUMMARY.



NOTE: THE ENGINEER SHALL FIELD VERIFY ALL LOCATIONS PRIOR TO THE BEGINNING OF WORK. ANY ADJUSTMENTS NECESSARY SHALL BE AS DIRECTED BY THE ENGINEER.

THE PAVEMENT REPAIRS SHALL BE DONE AFTER PAVEMENT PLANING.

ITEM 209, PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN

PREPARE THE SHOULDER FOR PAVING A CONSISTENT SAFETY EDGE IN BOTH THICKNESS AND WIDTH.

PRIOR TO PAVING THE SAFETY EDGE, GRADE AN ADDITIONAL WIDTH OF 10" OF EMBANKMENT, AGGREGATE, OR OTHER MATERIAL THAT EXISTS AT THE OUTSIDE EDGE OF PAVED ROADWAY TO PROVIDE A CROSS SECTION FOR A UNIFORM THICKNESS AND WIDTH OF SAFETY EDGE.

COMPACT THE GRADED SHOULDER ACCORDING TO 617.05, OR AS DIRECTED BY THE ENGINEER.

DO NOT DISTURB SHOULDER AT DITCH/GUARDRAIL LOCATIONS. ESTIMATION THAT A QUARTER OF THIS PROJECT WILL NOT NEED SAFETY EDGE TREATMENT. THE DEDUCTION HAS BEEN MADE TO QUANTITY BELOW.

SEN SR 635 (0.13-6.07)
STA. 7+00 TO STA. 320+42

(MINUS LOCATIONS FOR DITCH/GUARDRAIL)

A QUANTITY OF 9.0 MILES HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR PREPARING SUBGRADE FOR SHOULDERS.

ASPHALT CONCRETE - SAFETY EDGE

IN ADDITION TO THE REQUIREMENTS OF 401.12, ATTACH A DEVICE TO THE SCREED OF THE PAVER THAT CONFINES THE MATERIAL AT THE END GATE AND EXTRUDES THE ASPHALT MATERIAL IN SUCH A WAY THAT RESULTS IN A COMPACTED WEDGE SHAPE PAVEMENT EDGE OF APPROXIMATELY 30 DEGREES (NOT STEEPER THAN 40 DEGREES). ENSURE THE DEVICE MAINTAINS CONTACT WITH THE EXISTING SURFACE, AND ALLOW FOR AUTOMATIC TRANSITION TO CROSS ROADS, DRIVEWAYS AND OBSTRUCTIONS. DO NOT USE CONVENTIONAL SINGLE PLATE STRIKE OFF.

CONSTRUCTION OF SAFETY EDGE CAN BE OMITTED AT LOCATIONS WHERE EXISTING WIDTH OF GRADED SHOULDER OR BERM IS LESS THAN 12". PROJECTS WITH VARYING CONDITIONS SHOULD USE SAFETY EDGE WHERE POSSIBLE. PLAN PREPARATION HAS MADE EVERY REASONABLE ATTEMPT TO IDENTIFY POSSIBLE SAFETY EDGE LOCATIONS.

USE THE TRANSTECH SHOULDER WEDGE MAKER, THE CARLSON SAFETY EDGE END GATE, THE ADVANT-EDGER, THE TROXLER SAFETSLOPE OR A SIMILAR APPROVED EQUAL DEVICE THAT PRODUCES THE SAME WEDGE CONSOLIDATION RESULTS. CONTACT INFORMATION FOR THESE WEDGE SHAPE COMPACTION DEVICES IS THE FOLLOWING:

ADVANT-EDGE PAVING EQUIPMENT LLC
P.O. BOX 9163
NISKAYUNA, NY 12309-0163
518-280-6090
WWW.ADVANTEDGEPAVING.COM

CARLSON SAFETY EDGE END GATE
18425 50TH AVENUE EAST
TACOMA, WA 98446
253-875-8000

TRANSTECH SYSTEMS, INC.
1594 STATE STREET
SCHENECTADY, NY 12304
1-800-724-6306
WWW.TRANSTECHSYS.COM

TROXLER ELECTRONIC LABORATORIES, INC.
3008 E. CORNWALLIS RD.
RESEARCH TRIANGLE PARK, NC 27709
1-877-TROXLER
WWW.TROXLERLABS.COM

IF ELECTING TO USE A SIMILAR DEVICE, PROVIDE PROOF THAT THE DEVICE HAS BEEN USED ON PREVIOUS PROJECTS WITH ACCEPTABLE RESULTS OR CONSTRUCT A TEST SECTION PRIOR TO THE BEGINNING OF WORK AND DEMONSTRATE WEDGE COMPACTION TO THE SATISFACTION OF THE ENGINEER. SHORT SECTIONS OF HANDWORK WILL BE ALLOWED WHEN NECESSARY FOR TRANSITIONS AND TURNOUTS OR OTHERWISE AUTHORIZED BY THE ENGINEER.

IN ADDITION TO THE REQUIREMENTS OF 401.16, MAKE THE FIRST ROLLER PASS 8 TO 12 INCHES (200 TO 300 MM) AWAY FROM TAPERED EDGE. DO NOT ROLL THE TAPER.

ADDITIONAL QUANTITIES OF:
SEN - SR 635 (0.13-6.07) STA. 7+00 TO STA. 320+42

ITEM 424, FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B - 1"

60 CU YD
ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I (448) - 1 1/4"
32 CU YD

HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR THE SAFETY EDGE.

SEE DETAILS SHEET 4

GENERAL NOTES

SEN - 635 - 0.00

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ITEM 611 - DRAINAGE

ALL STRUCTURES INCLUDED IN THIS ITEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE METHODS OUTLINED IN 611 OF THE CMS. BEFORE FINAL ACCEPTANCE ALL STRUCTURES SHALL BE CLEANED SO THAT ALL CONSTRUCTION MATERIALS AND PRIOR DEBRIS ACCUMULATIONS ARE REMOVED FROM THE STRUCTURE. ALL EXCESS EXCAVATED MATERIALS AND/OR DEBRIS GENERATED FROM WORK ON STRUCTURES MUST BE REMOVED FROM THE PROJECT AREA WITHIN THE SAME DAY. CATCH BASINS WITHIN THE WORK LIMITS NOTED FOR RECONSTRUCTION SHALL BE RAISED TO A FINISH GRADE AT OR WITHIN 1/4" BELOW THE FINAL ELEVATION IN ACCORDANCE WITH ITEM 611. INCLUDED UNDER THIS ITEM SHALL BE THE REMOVAL AND DISPOSAL OF THE CATCH BASIN GRATE TO BE REPLACED WITH A MANHOLE COVER FOR THE BASIN ON SR 18. WHERE PORTIONS OF CONDUIT ARE REPLACED, THE PROPOSED CONDUIT SHALL BE CONNECTED TO EXISTING CONDUIT WITH A CONCRETE COLLAR.

COSTS FOR ALL WORK SHALL BE INCLUDED UNDER THE APPROPRIATE 611 BID ITEM.

1 EACH CATCH BASIN RECONSTRUCTED TO GRADE
SR 635 - STA. 1+70, RIGHT

1 EACH CATCH BASIN RECONSTRUCTED TO GRADE,
AS PER PLAN
SR 18 - STA. 431+24, LEFT

50 FT PIPE REMOVED
10 FT 10" CONDUIT, TYPE B
40 FT 15" CONDUIT, TYPE B

QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY.

SEE SHEET NO. 13 FOR DRAINAGE WORK

REQUIRED ENVIRONMENTAL COMMITMENTS

ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THIS PROJECT.

NO TREES SHALL BE REMOVED UNDER THIS PROJECT. THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET. SHOULD A TREE BE A SAFETY HAZARD FOR THE TRAVELING PUBLIC, THE TREE SHOULD BE CUT AS SOON AS POSSIBLE.

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT ANY AND ALL MATERIAL FROM GOING OFF THE EDGE OF BRIDGE DECK(S) AND EDGE OF CULVERT(S) DURING ALL CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL IMMEDIATELY REMOVE THROUGH NON-MECHANICAL MEANS ANY MATERIAL THAT FALLS INTO THE ROADSIDE DITCHES, STREAMS, WETLANDS, OR OTHER WATERS. NO WORK OR STAGING IS PERMITTED BELOW THE TOP OF BANK OF ANY STREAM AND/OR WITHIN A WETLAND.

THIS PROJECT IS LOCATED IN OR NEAR PUBLIC DRINKING WATER SOURCES. IN ORDER TO MINIMIZE THE POTENTIAL FOR A RELEASE IN THIS SENSITIVE AREA DO NOT PERFORM EQUIPMENT FUELING WITHIN THE LOCATIONS IDENTIFIED IN THE TABLE BELOW. IF REFUELING OF IMMOBILE EQUIPMENT IS NECESSARY WITHIN THESE LIMITS, PROVIDE SECONDARY CONTAINMENT WITH ENOUGH CAPACITY TO COMPLETELY CONTAIN AND COLLECT ALL POTENTIAL LIQUID WASTES IN THE EVENT OF A SPILL. DO NOT PERFORM MAINTENANCE ACTIVITIES ASSOCIATED WITH ANY VISCOUS MATERIAL THAT HAS POTENTIAL TO CONTAMINATE THE GROUNDWATER. ALL EQUIPMENT OR LIQUID CONTAINERS SHALL BE REGULARLY CHECKED FOR LEAKS PRIOR TO ENTERING THE RESTRICTED AREAS. THE CONTRACTOR SHALL DEVELOP A "SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN" (SPCC) WHICH SHALL ALSO INCLUDE ALL AREAS OF FUEL STORAGE, EQUIPMENT MAINTENANCE, AND SPILL KITS. ALL AREAS UTILIZED BY THE CONTRACTOR NOT INCLUDED WITHIN THE TABLE BELOW AND NOT IN THE PROJECT LIMITS SHALL BE ASSESSED FOR POTENTIAL GROUNDWATER CONTAMINATION AND BE INDICATED ON THE "SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN". THE CONTRACTOR SHALL IMMEDIATELY TAKE STEPS TO MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS, OR CHEMICALS. ANY SUCH SPILL OR EVENT SHALL BE REPORTED IMMEDIATELY TO THE EMERGENCY CONTACT LISTED BELOW FOR EACH DRINKING WATER SOURCE. IF THE SPILL IS A REPORTABLE AMOUNT, THE CONTRACTOR SHOULD CONTACT SENECA COUNTY EMERGENCY MANAGEMENT (419-447-0266) AND OHIO EPA ENVIRONMENTAL RESPONSE AND REVITALIZATION (419-373-3031 OR 800-282-9378) FOR CLEANUP OF THE SPILL.

DRINKING WATER SOURCE	RESTRICTED REFUELING AND MAINTENANCE AREA	EMERGENCY CONTACT INFORMATION
VILLAGE OF BETTSVILLE	SR 635 FROM SLM 3.85 TO SLM 5.18 (PLUM RUN)	567-201-8364
ST ANDREWS CHURCH	SR 635 FROM SLM 2.9 TO SLM 3.3 (CR 592)	419-447-0266
PJ'S BRICKHOUSE	SR 635 FROM SLM 0.00 (SR 18) TO SLM 0.80 (TR 1036)	419-447-0266

FOR QUESTIONS REGARDING ENVIRONMENTAL COMMITMENTS, CONTACT THE DISTRICT COORDINATOR AT 419-373-4319

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GENERAL NOTES

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ITEM 614, MAINTAINING TRAFFIC

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS	FOURTH OF JULY
NEW YEARS	LABOR DAY
MEMORIAL DAY	THANKSGIVING
EASTER	

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$50.00 FOR EACH MINUTE THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE SUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC UNLESS SEPARATELY ITEMIZED IN THE PLAN.

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES UNLESS ONE LANE IS MAINTAINED BY FLAGGERS, EXCEPT FOR A PERIOD NOT TO EXCEED THE CLOSURES FOR SIX (6) AND FOURTEEN (14) CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED FOR WORK SHOWN THIS SHEET.

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

PLANED SURFACES

PAVEMENT SHALL BE PLANED BEFORE PAVEMENT REPAIRS ARE PERFORMED. NO PLANED SURFACES SHALL BE OPEN TO THE PUBLIC FOR MORE THAN 5 DAYS. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS FOR PAVEMENT FAILURES TO THE ROADWAY DUE TO LEAVING PLANED SURFACES OPEN MORE THAN 5 DAYS.

ROAD CLOSURE - SIGNAGE

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 FOR EACH SEGMENT IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

THE OHIO DEPARTMENT OF TRANSPORTATION SHALL PROVIDE, PLACE AND MAINTAIN DETOUR SIGNS FOR SR 635.

WORK ZONE MARKINGS AND SIGNS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF CMS 614.04 AND 614.11.

ITEM 614 - WORK ZONE MARKING SIGN	33 EACH
ITEM 614 - WORK ZONE CENTER LINE, CLASS II	19 MILE

ITEM 614, REPLACEMENT SIGN

FLATSHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT SIGNS SHALL BE NEW. OTHER MATERIALS MAY BE IN USED, BUT GOOD, CONDITION SUBJECT TO APPROVAL BY THE ENGINEER.

PAYMENT FOR THE NEW SIGNS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT SIGN, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC.

AN ESTIMATED QUANTITY OF 10 EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

ITEM 614, REPLACEMENT DRUM

DRUMS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT DRUMS SHALL BE NEW.

PAYMENT FOR THE NEW DRUMS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT DRUM, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF THE DAMAGED DRUM, AND PROVIDING AND MAINTAINING THE REPLACEMENT DRUM IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS FOR THE ORIGINAL DRUM.

AN ESTIMATED QUANTITY OF 10 EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

ROAD CLOSURE - PAVEMENT REPAIRS

THE ROADWAY SHALL BE CLOSED AS FOLLOWS FOR ITEM 253, PAVEMENT REPAIR. THERE WILL BE TWO CLOSURES FOR THESE PAVEMENT REPAIRS AND SHALL NOT BE SIMULTANEOUS. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED. SEE DETOURS THIS SHEET.

ONE CLOSURE SHALL BE FROM CR 592 TO SR 12 FOR A TIMEFRAME NOT TO EXCEED SIX (6) CONSECUTIVE DAYS.

ONE CLOSURE SHALL BE FROM SR 18 TO CR 592 FOR A TIMEFRAME NOT TO EXCEED FOURTEEN (14) CONSECUTIVE DAYS.

DAMAGES IN THE AMOUNT OF \$3000 SHALL BE ASSESSED FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

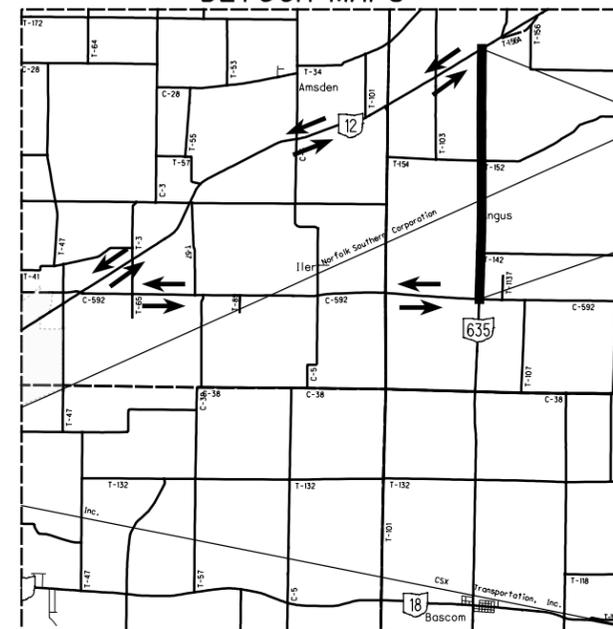
ROAD CLOSURE - INTERSECTION NE CORNER SR 635/18

THE ROADWAY SHALL BE CLOSED AS FOLLOWS FOR THE WORK PERFORMED TO UPGRADE THE NORTHEAST CORNER AT THE INTERSECTION OF SR 635 AND SR 18. THE CLOSURE SHALL NOT EXCEED FOURTEEN (14) CONSECUTIVE DAYS AND SHALL BE SIMULTANEOUS WITH THE FOURTEEN (14) CONSECUTIVE DAY CLOSURE FOR PAVEMENT REPAIRS ON SR 635 BETWEEN SR 18 AND CR 592.

DAMAGES IN THE AMOUNT OF \$3000 SHALL BE ASSESSED FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

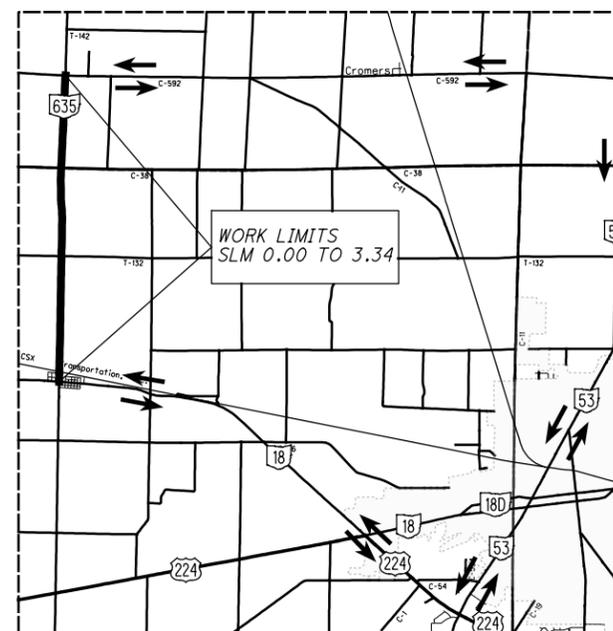
TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON SR 18. DURING WORKING HOURS MAINTAIN MINIMUM OF ONE LANE OF TRAFFIC ON SR 18 THROUGH THE USE OF FLAGGERS, PER SCD MT-97.10. DURING NON-WORK HOURS, SR 18 SHALL BE OPEN TO TWO LANES OF TRAFFIC. THE FOURTEEN (14) DAY CLOSURE SHALL OCCUR BETWEEN AUG. 1, 2018 AND AUG. 24, 2018. SEE DETOUR THIS SHEET.

DETOUR MAPS



DETOUR FOR CLOSURE NORTH OF CR 592:
CR 592 TO SR 12

WEST COUNTY ROAD 592 (CR 592)



DETOUR FOR CLOSURES SOUTH OF CR 592:
SR 18 TO US 224 TO SR 53 TO CR 592

CR 592 - DETOUR ROUTE

DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THESE ROUTES IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTES SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO THEIR USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DETERMINED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DETERMINED BY THE ENGINEER TO MAINTAIN AND SUBSEQUENTLY RESTORE THE DESIGNATED LOCAL DETOUR ROUTE.

ITEM 202, PAVEMENT REMOVED	1270 SQ. YD.
	(7 1/2" DEPTH)
ITEM 301, ASPHALT CONCRETE BASE,	
PG 64-22 - (6")	212 CU. YD.
ITEM 441, ASPHALT CONCRETE SURFACE COURSE,	
TYPE 1, PG 64-22 - (1 1/2")	53 CU. YD.
ITEM 407, NON-TRACKING TACK COAT	70 GAL.
(APP. RATE 0.055, GAL/SY)	
ITEM 617, COMPACTED AGGREGATE	8 CU. YD.

PRIOR TO ANY ROAD CLOSURE, THE CONTRACTOR SHALL PLACE COMPACTED AGGREGATE AT ALL FOUR (4) CORNERS AT THE INTERSECTION OF SR 635 AND CR 592. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 617, COMPACTED AGGREGATE	10 CU. YD.
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ITEM 614, MAINTAINING TRAFFIC (NOTICE OF CLOSURE SIGN)

NOTICE OF CLOSURE SIGNS (W20-H13), SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE.

NOTICE OF CLOSURE SIGN TIME TABLE

ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP &	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
ROAD	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
CLOSURES	< 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE ITEM DURATION OF CLOSURE NOTICE DUE TO PERMITS & PIO RAMP & >= 2 WEEKS 21 CALENDAR DAYS PRIOR TO CLOSURE ROAD > 12 HOURS & < 2 WEEKS 14 CALENDAR DAYS PRIOR TO CLOSURE CLOSURES <= 12 HOURS 4 BUSINESS DAYS PRIOR TO CLOSURE

LANE >= 2 WEEKS 14 CALENDAR DAYS PRIOR TO CLOSURE CLOSURES & < 2 WEEKS 5 BUSINESS DAYS PRIOR TO CLOSURE RESTRICTIONS

START OF CONSTRUCTION & 14 CALENDAR DAYS TRAFFIC PATTERN CHANGES PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

THE ODOT PROJECT ENGINEER SHALL FORWARD THE CONSTRUCTION NOTIFICATION INFORMATION TO THE FOLLOWING DEPARTMENTS WITHIN THE TIMELINE OUTLINED IN TEM PART 642-58 TO ENSURE COMPLIANCE WITH THE FEDERAL NOTIFICATION REQUIREMENTS:

DISTRICT PUBLIC INFORMATION OFFICER (PIO) BY PHONE AT: 419-373-4428 OR EMAIL AT: d02.pio@dot.ohio.gov

DISTRICT PERMIT SECTION BY PHONE AT: 419-373-4301 OR EMAIL AT: d02.permits@dot.ohio.gov

CENTRAL OFFICE SPECIAL HAULING PERMITS SECTION BY PHONE AT: 614-351-2300 OR EMAIL AT: hauling.permits@dot.ohio.gov

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MAINTENANCE OF TRAFFIC GENERAL NOTES

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SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED	SKL	CHECKED	JMF
5	6	7	11	12	20	01/STR/PV	02/S<2/PV	03/STR/BR														
TRAFFIC CONTROL																						
417						417			621	00100	417	EACH	RPM									
167						167			621	54000	167	EACH	RAISED PAVEMENT MARKER REMOVED									
12.14						11.92	0.22		642	00094	12.14	MILE	EDGE LINE, 6"									
6.07						5.96	0.11		642	00290	6.07	MILE	CENTER LINE									
11							11		644	00500	11	FT	STOP LINE									
138							138		644	00601	138	FT	CROSSWALK LINE, AS PER PLAN				5					
4						3	1		644	01000	4	EACH	RAILROAD SYMBOL MARKING									
STRUCTURE OVER 20 FOOT SPAN (SFN: 7403933)																						
						353			353	512	73501	353	SY	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN, AS PER PLAN				20				
						60			60	516	31000	60	FT	JOINT SEALER								
						60			60	SPECIAL	51631200	60	FT	SAWING AND SEALING BITUMINOUS CONCRETE JOINTS				20				
MAINTENANCE OF TRAFFIC																						
		33				31	2		614	12460	33	EACH	WORK ZONE MARKING SIGN									
		10				9	1		614	12500	10	EACH	REPLACEMENT SIGN									
		10				9	1		614	12600	10	EACH	REPLACEMENT DRUM									
		19				18.67	0.33		614	21500	19	MILE	WORK ZONE CENTER LINE, CLASS II, 642 PAINT									
						LUMP	LUMP		108	30000	LS		CPM PROGRESS SCHEDULE SHORT DURATION PROJECTS									
						LUMP	LUMP		614	11000	LS		MAINTAINING TRAFFIC									
						LUMP	LUMP		623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING									
						LUMP	LUMP		624	10000	LS		MOBILIZATION									

GENERAL SUMMARY

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SHEET NO.	STATION TO STATION			COUNTY	SIDE	LENGTH = L	AVERAGE WIDTH = W	SURFACE AREA = A A=(LxW)	TYPICAL	202	202	204	209	304	254		301	407		424		441	617	875
										PAVEMENT REMOVED (16.25'+/-)	WEARING COURSE REMOVED	SUBGRADE COMPACTION	LINEAR GRADING	AGGREGATE BASE - 6"	PAVEMENT PLANING, ASPHALT CONCRETE - 1 1/2"	PAVEMENT PLANING, ASPHALT CONCRETE - 2 1/4"	ASPHALT CONCRETE BASE, PG-64-22 - 8"	NON-TRACKING TACK COAT (0.055 gal/sq yd)	NON-TRACKING TACK COAT (0.085 gal/sq yd)	1" FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN	1.5" FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN	1 1/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	COMPACTED AGGREGATE	LONGITUDINAL JOINT ADHESIVE
									SO YD	SO YD	SO YD	MILE	CU YD	SO YD	SO YD	CU YD	GAL	GAL	CU YD	CU YD	CU YD	CU YD	LB	
02/S<2/PV													L/5280*2	(A*6")/3=	A/9=	A/9=	(A*8")/3=	(A/9)0.055=	(A/9)0.085=	(A*1")/27=	(A*1.5")/27=	(A*1.25")/27=	2.25"x2"xL/27x2	L*1LB/6'
13-14	02+44.30	05+74.88	SEN	LT/RT	330.58	23	7603.34	B				0.13			844.82		46.46	71.81	23.47		29.33	9.18	55.10	
02/S<2/PV TOTALS												0.13			844.82		46.46	71.81	23.47		29.33	9.18	55.10	
01/STR/PV																								
14-16	06+30.75	233+76.00	SEN	LT/RT	22745.25	23	523140.75	C				8.62			58126.75		3196.97	4940.77	1614.63		2018.29	631.81	3790.88	
16	234+53.00	272+15.00	SEN	LT/RT	3762	23	86526	C				1.43			9614.00		528.77	817.19	267.06		333.82	104.50	627.00	
16-17	276+85.00	301+67.50	SEN	LT/RT	2482.5	23	57097.5	C				0.94			6344.17		348.93	539.25	176.23		220.28	68.96	413.75	
17	304+16.50	319+93.00	SEN	LT/RT	1576.5	23	36259.5	C				0.60			4028.83		221.59	342.45	111.91		139.89	43.79	262.75	
01/STR/PV TOTALS												11.58			78113.75		4296.26	6639.67	2169.83		2712.28	849.06	5094.38	
EXTRA AREAS																								
SHEET NO.	INTERSECTION / LOCATION	STATION	COUNTY	SIDE	LENGTH = L			APPROX. AREA (SY) = A BY CADD																
02/S<2/PV									A=	A=	A=				A=	A=	A*0.055	A*0.085	(1"/36)*A	(1.5"/36)*A	1.25"/36)*A=	VARIES	L*1 LB/6	
13	SR 18	0+15 to 2+44.3	SEN	RT	229.3		552.26	104.44			552.26		92.04			122.72	30.37	46.94	15.34		19.18		38.22	
13	SR 18	0+15 to 2+44.3	SEN	RT/LT	229.3		610.4								610.40		33.57	51.88	16.96		21.19		38.22	
13	SR 635	1+60	SEN	RT			62															4.00		
TOTALS 02/S<2/PV									104.44		552.26		92.04	0.00	610.40	122.72	63.95	98.83	32.30		40.37	10.37	76.43	
01/STR/PV																							L*1 LB/6	
14	CXS RR	5+95.75 to 6+30.75	SEN	RT/LT	35		68.23				68.23		0.01				3.75	5.80	1.90		2.37		0.97	5.83
16	NORFOLK SOUTHERN	233+76 to 234+11	SEN	RT/LT	35		115.1				115.10		0.01				6.33	9.78	3.20		4.00		0.97	5.83
16	NORFOLK SOUTHERN	234+18 to 234+53	SEN	RT/LT	35		92.94				92.94		0.01				5.11	7.90	2.58		3.23		0.97	5.83
16	SEN-635-0521	272+15 to 272+50	SEN	RT/LT	35		90.73				90.73		0.01				4.99	7.71	2.52		3.15		0.97	5.83
16	SEN-635-0521	276+50 to 276+85	SEN	RT/LT	35		92.4				92.40		0.01				5.08	7.85	2.57		3.21		0.97	5.83
17	SEN-635-0574	301+67.5 to 302+17.5	SEN	RT/LT	50		132.13				132.13		0.02				7.27	11.23	3.67		4.59		1.39	8.33
17	SEN-635-0574	302+17.5 to 302+42.5	SEN	RT/LT	25		69.09				69.09		0.01					5.87		2.88		0.69		4.17
17	SEN-635-0574	303+41.5 to 303+66.5	SEN	RT/LT	25		68.33				68.33		0.01					5.81		2.85		0.69		4.17
17	SEN-635-0574	303+66.5 to 304+16.5	SEN	RT/LT	50		131.42				131.42		0.02				7.23	11.17	3.65		4.56		1.39	8.33
17	SEN 635	319+93 to 320+42	SEN	RT/LT	49		144.08				144.08		0.02					12.25						
14	TR 132	72+36	SEN	RT	27.4		112				112.00						6.16	9.52	3.11		3.89		0.76	
14	TR132	72+36	SEN	LT	33.7		123.24				123.24						6.78	10.48	3.42		4.28		0.94	
15	CR 38	123+35	SEN	RT	15		60.57				60.57						3.33	5.15	1.68		2.10		0.42	
15	CR 38	123+35	SEN	LT	15		54.5				54.50						3.00	4.63	1.51		1.89		0.42	
15	CR 592	176+46	SEN	RT	14.9		61.03				61.03						3.36	5.19	1.70		2.12		0.41	
15	CR 592	176+46	SEN	LT	15		61.95				61.95						3.41	5.27	1.72		2.15		0.42	
15	TR 142	203+08	SEN	RT	15.4		35.43				35.43						1.95	3.01	0.98		1.23		0.43	
16	TR 152	256+30	SEN	RT	15.1		38.65				38.65						2.13	3.29	1.07		1.34		0.42	
16	TR 154	256+30	SEN	LT	15		45.76				45.76						2.52	3.89	1.27		1.59		0.42	
11 ASPHALT DRIVES					BASED ON 10SY EACH			132				110						9.35		4.58				
TOTALS 01/STR/PV										1597.58		0.14		0.00			72.38	145.14	36.56	10.31	45.70	13.65	54.17	
02/S<2/PV SHEET TOTALS									105	0	553	1	93	0	1456	122.72	111	171	56	0	70	20	132	
01/STR/PV SHEET TOTALS									0	1598	0	12	0	78114	0.00	4369	6785	2207	11	2758	863	5149		
TOTALS CARRIED TO GENERAL SUMMARY									105	1598	553	13	93	78114	1456	123	11436		2274	2828	883	5281		

PAVEMENT QUANTITIES

SEN - 635 - 0.00

CALCULATED SKL
CHECKED JMF

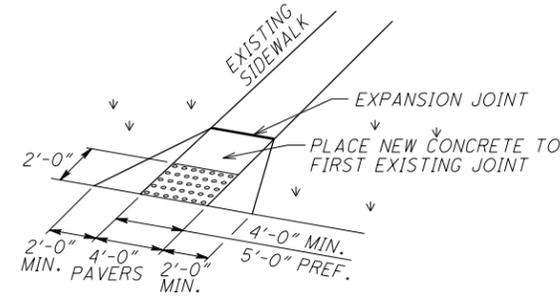
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CURB AND WALK TABLE

REFERENCE NO.	ROUTE	STATION	SIDE	NEAREST CROSS STREET	FOR INFO ONLY		202		608				609	
					PROP. LENGTH	PROP. WIDTH	CURB REMOVED	WALK REMOVED	4" CONCRETE WALK	CURB RAMP, AS PER PLAN	CURB RAMP	CURB, TYPE 6	COMBINATION CURB AND GUTTER, TYPE 2	
					FT	FT	FT	SQ FT	SQ FT	SQ FT	SQ FT	FT	FT	
CR-1	SR 635	0+29	RT	SR 18	25	4	57	444	43	42				410
CR-2	SR 635	0+29	LT	SR 18	19	7.5	21	105				105	21	
C-1	SR 635	0+94	LT	SR 18			118							
TOTALS CARRIED TO GENERAL SUMMARY							196	549	43	42	105		21	410

CURB RAMP - AS PER PLAN (FLUSH DETAIL)

EXISTING SIDEWALK LEVEL WITH STREET PER STD. DWG BP-7.1 AND BID ITEM 608 EXCEPT FOR THE FOLLOWING:



GUARDRAIL TABLE

REF. NO.	STATION	ROUTE	SIDE	202	209
				GUARDRAIL REMOVED	RESHAPING UNDER GUARDRAIL
				FT	STA
GR-1	272+33	SR 635	RT	112.5	2
TOTALS CARRIED TO GENERAL SUMMARY				112.5	2

EARTHWORK TABLE

STATION TO STATION	ROUTE	SIDE	203		653	659			
			EXCAVATION	EMBANKMENT	TOPSOIL FURNISHED AND PLACED - 4"	SEEDING AND MULCHING	COMMERCIAL FERTILIZER	WATER	
			CU YD	CU YD	CU YD	SQ YD	TON	MGAL	
0+14	2+44	SR 635	RT	115.50	64.54	86.04	774.44	0.11	4.19
0+93	2+18	SR 635	LT	80.42	67.02	13.40	120.62	0.02	0.65
TOTALS				195.92	131.56	99.44	895.06	0.13	4.84
TOTALS CARRIED TO GENERAL SUMMARY				196.0	132	100	896	0.13	5

MISC. SUBSUMMARIES

SEN - 635 - 0.00

CALCULATED SKL
CHECKED JMF



0 10 20 30 40
HORIZONTAL
SCALE IN FEET

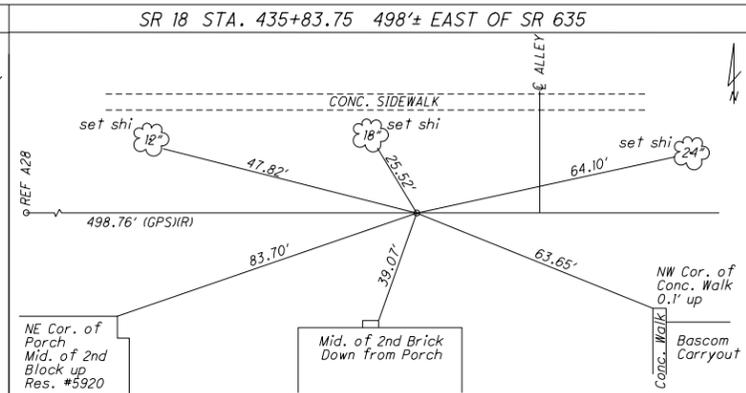
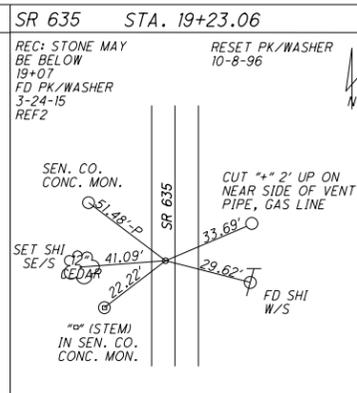
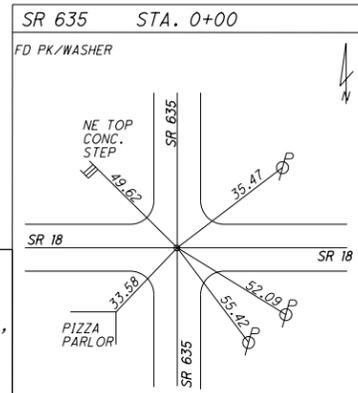
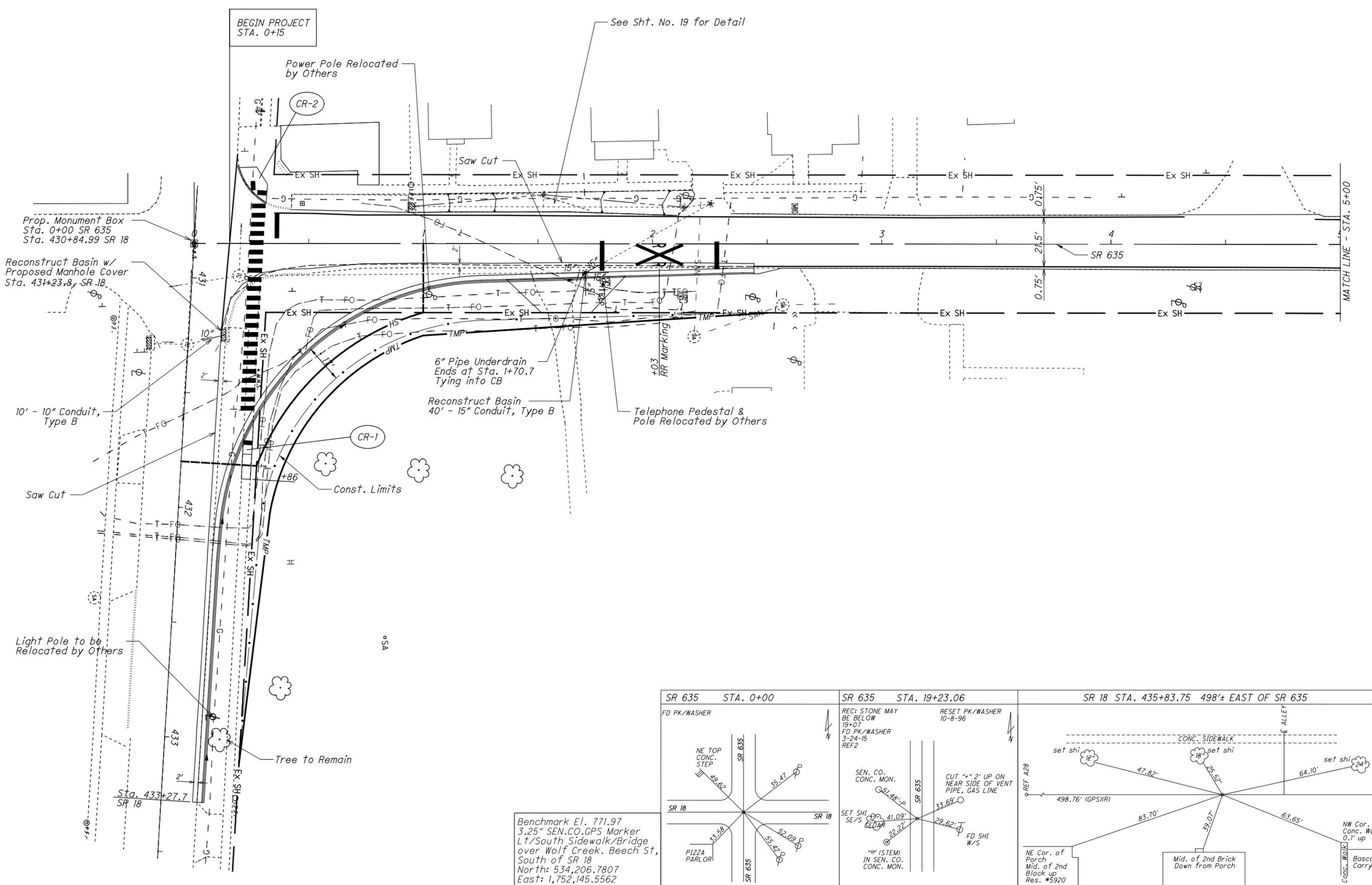
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CHECKED JMF

PLAN SHEET
STA. 0+00 TO STA. 5+00

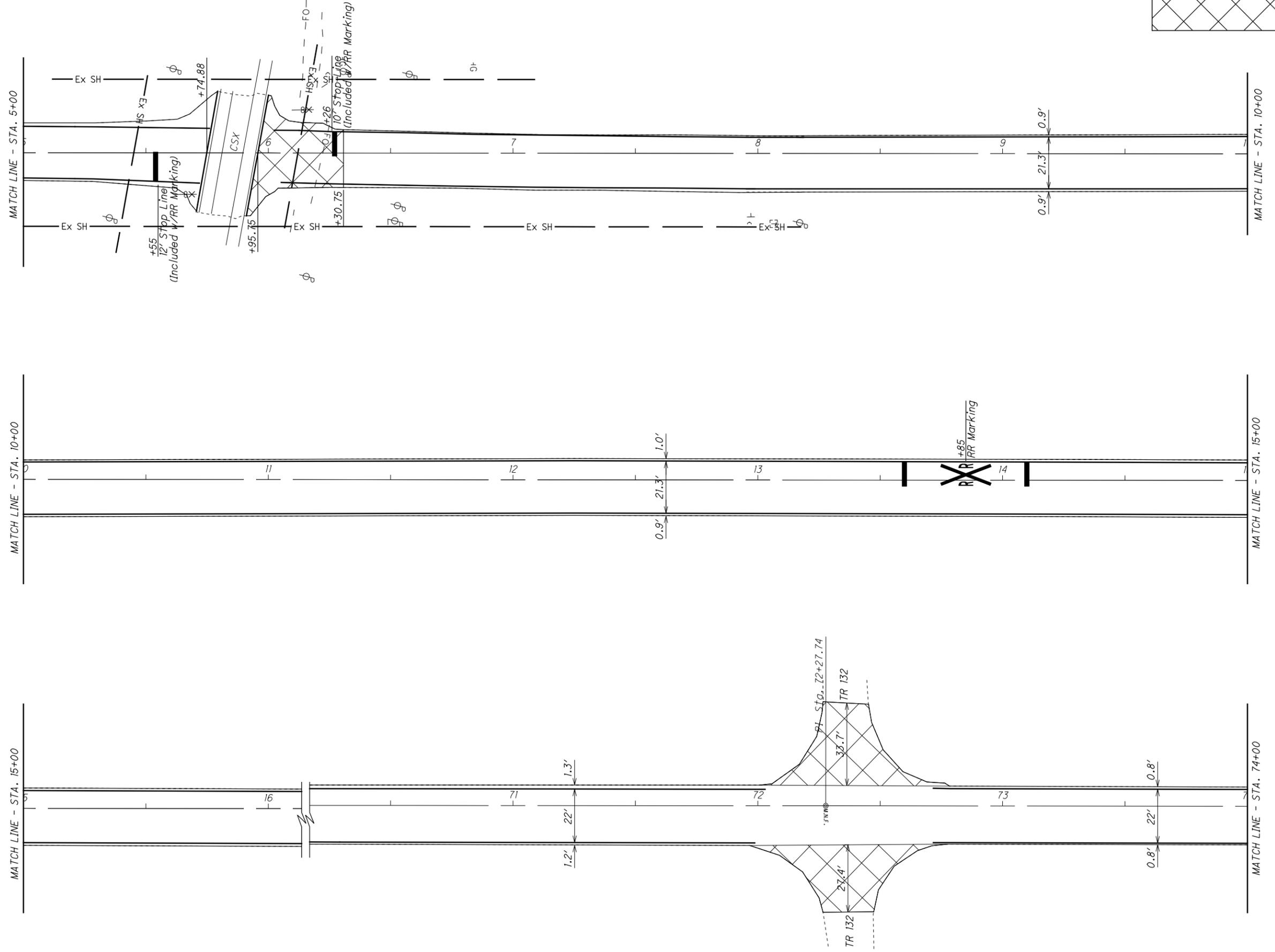
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22

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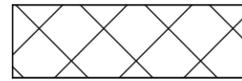
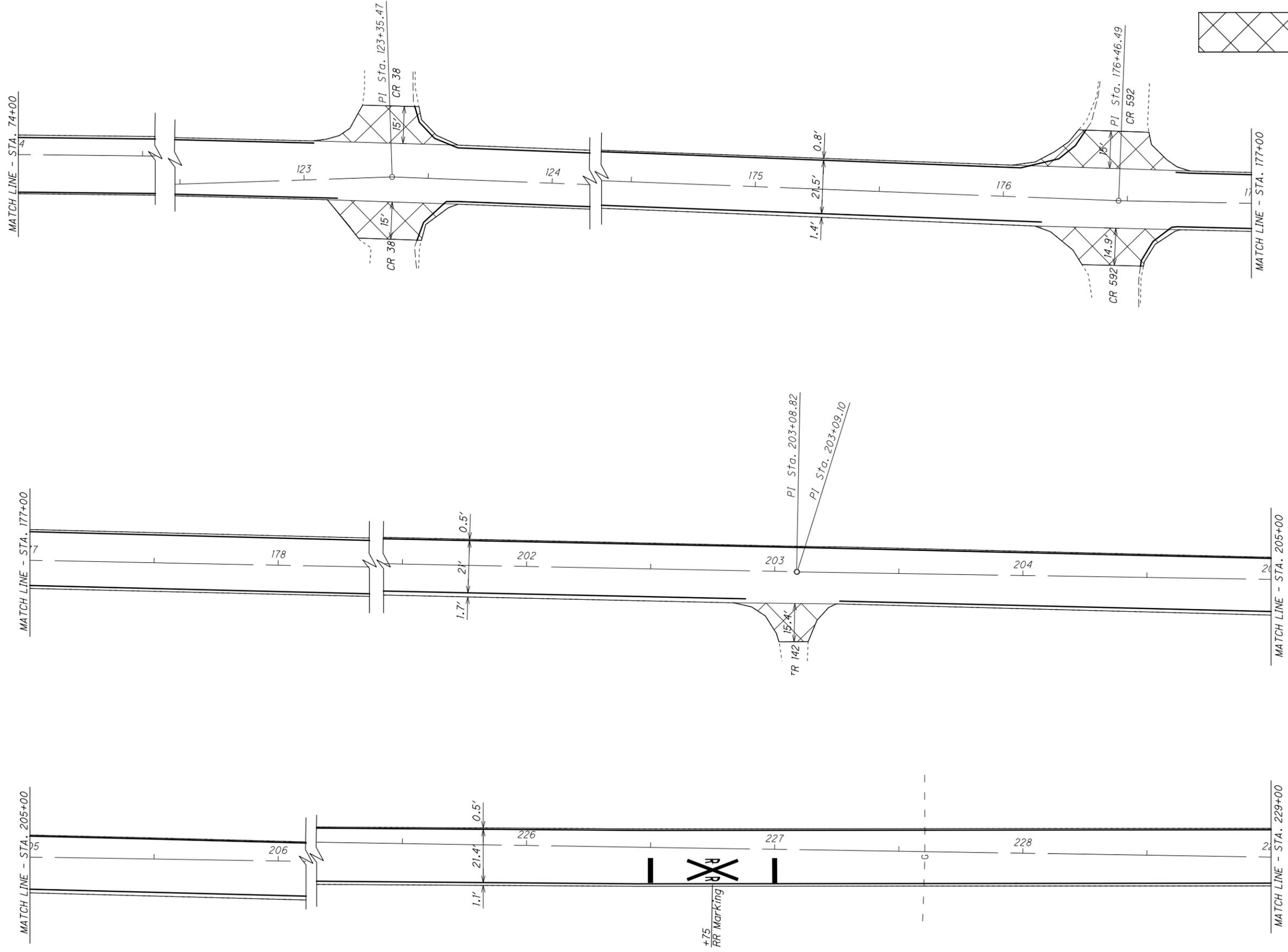


Benchmark El. 771.97
 3.25" SEN.CO.GPS Marker
 Lt/South Sidewalk/Bridge
 over Wolf Creek. Beech St,
 South of SR 18
 North: 534,206.7807
 East: 1,752,145.5562



EXTRA AREAS
BUTT JOINT
SEE BP-3.1





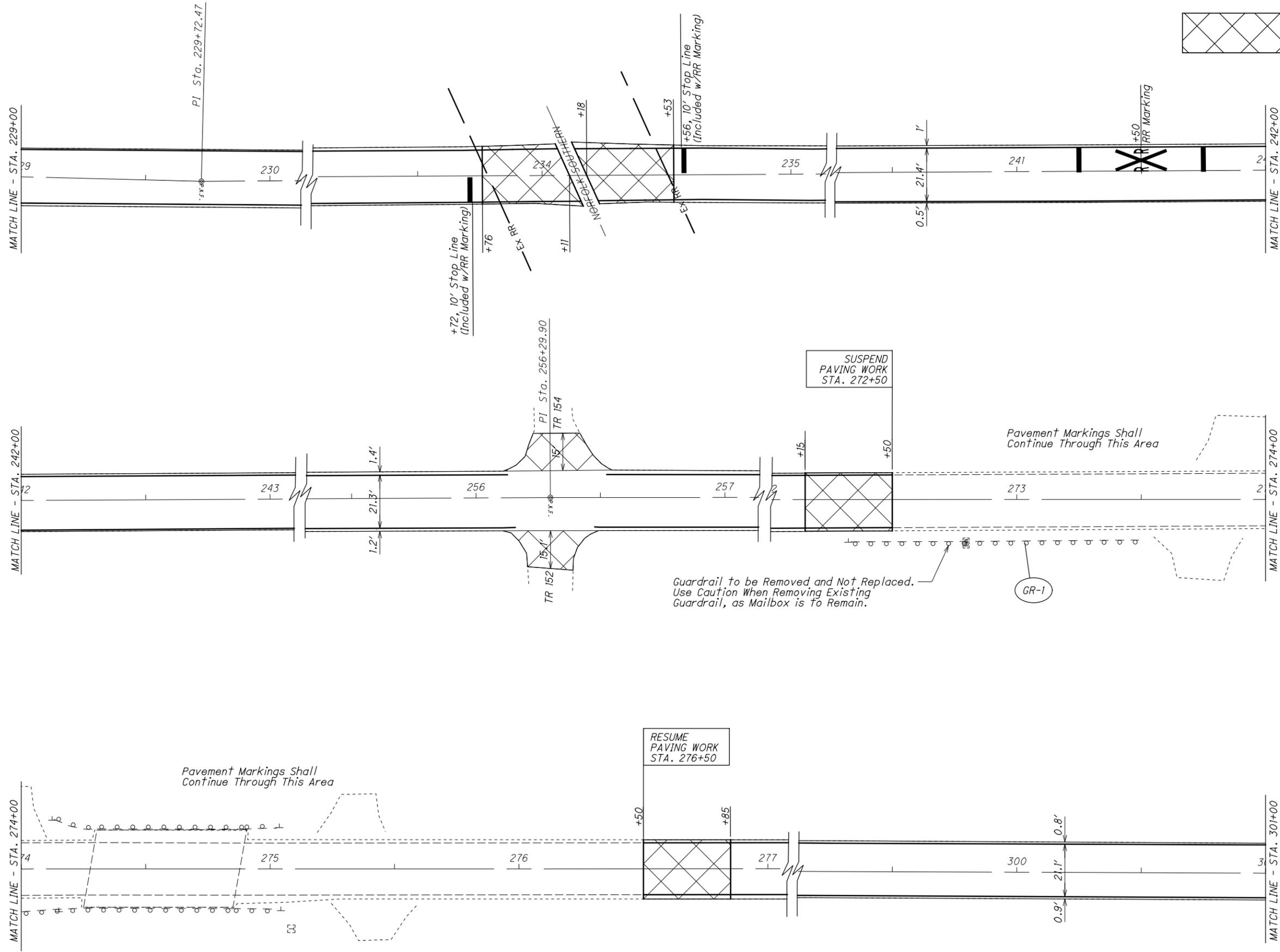
EXTRA AREAS
BUTT JOINT
SEE BP-3.1

CALCULATED SKL
CHECKED JMF



PLAN SHEET
STA. 74+00 TO STA. 229+00

SEN-635-0.00



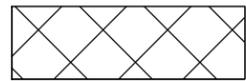
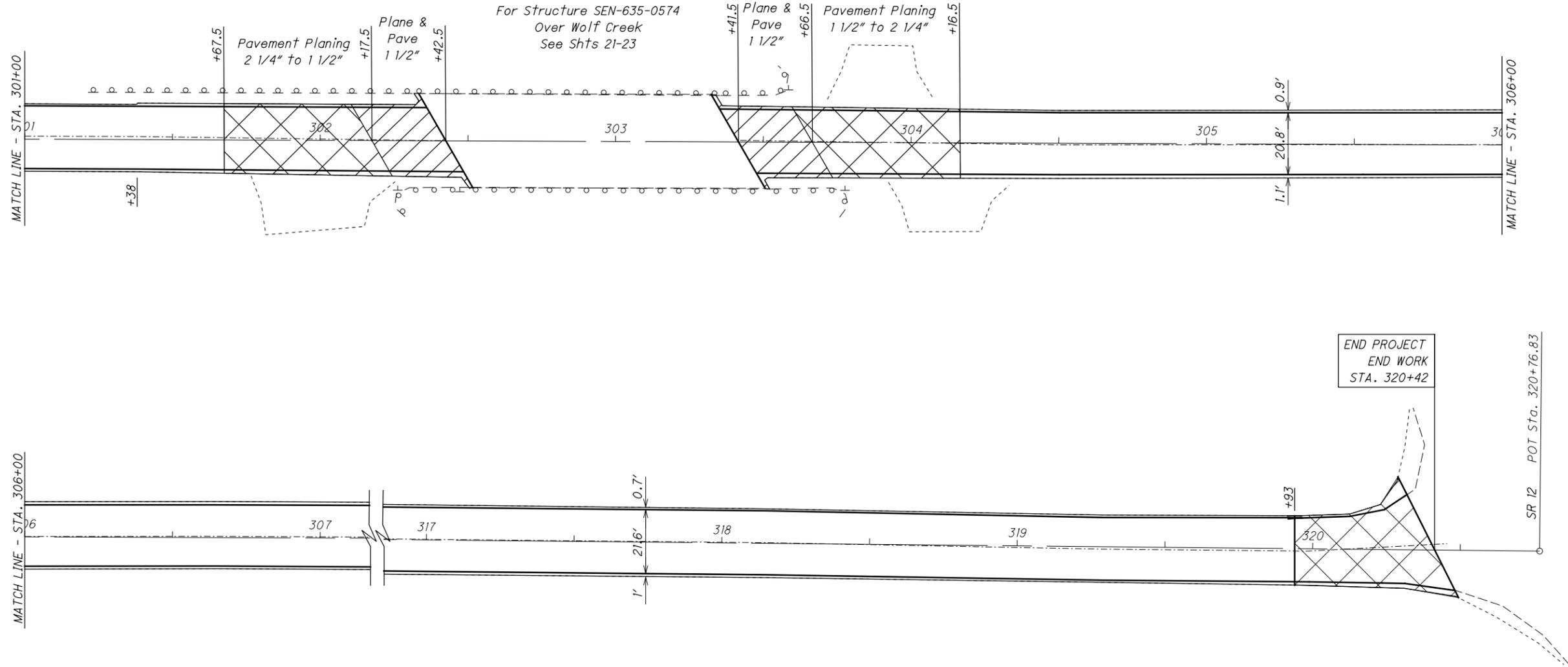
EXTRA AREAS
BUTT JOINT
SEE BP-3.1

CALCULATED SKL
CHECKED JMF

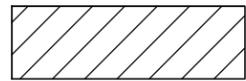
0 20 40
10
HORIZONTAL
SCALE IN FEET

PLAN SHEET
STA. 229+00 TO STA. 301+00

SEN-635-0.00



EXTRA AREAS
BUTT JOINT
SEE BP-3.1



EXTRA AREAS
MILL/FILL 1 1/2"

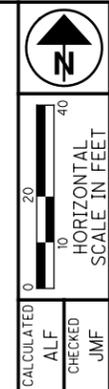
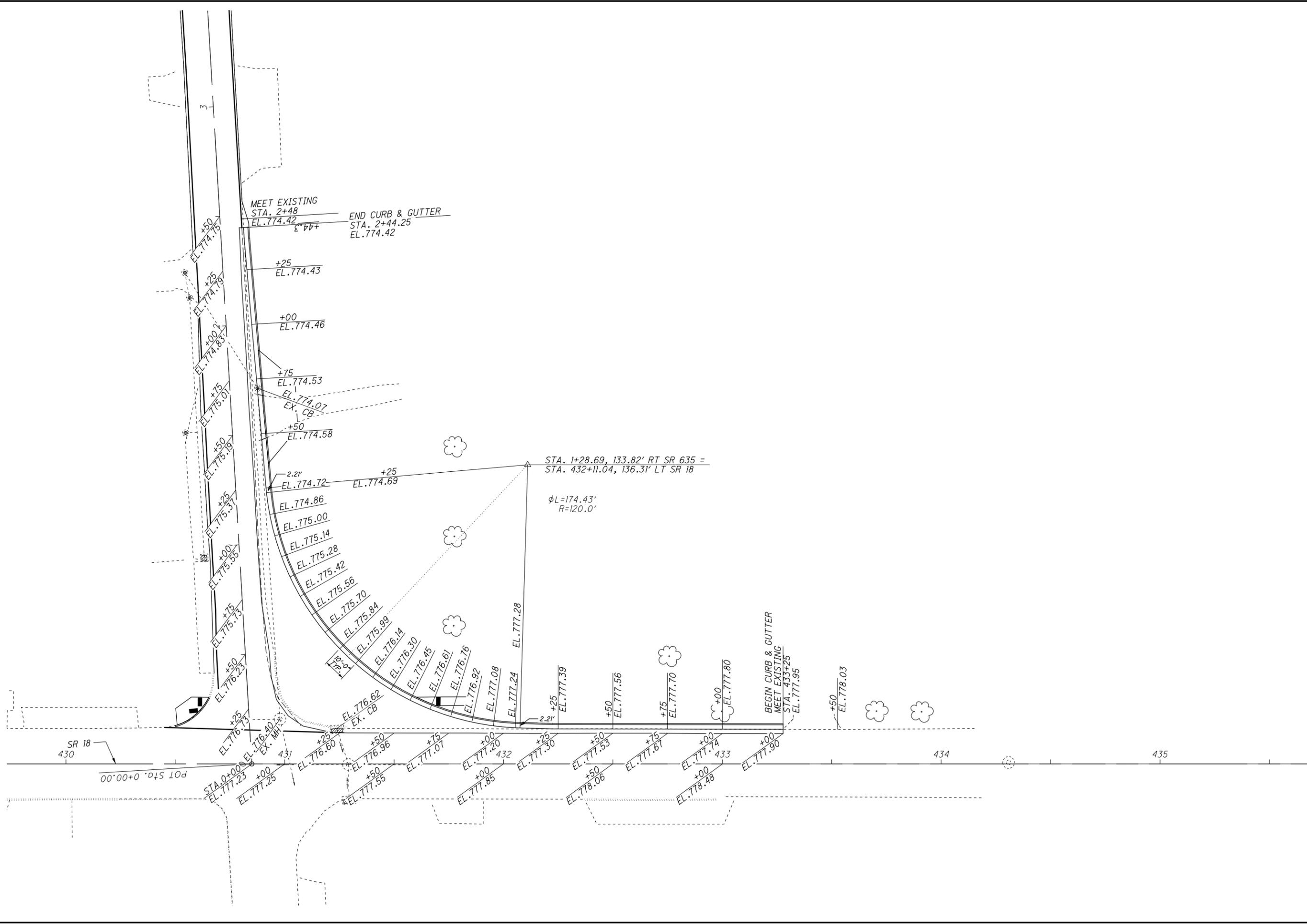


CALCULATED SKL
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PLAN SHEET
STA. 301+00 TO STA. 320+42

SEN - 635 - 0.00

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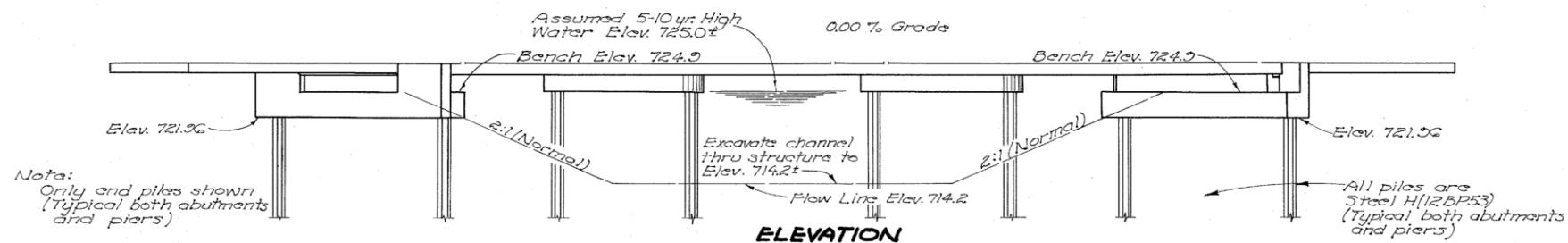
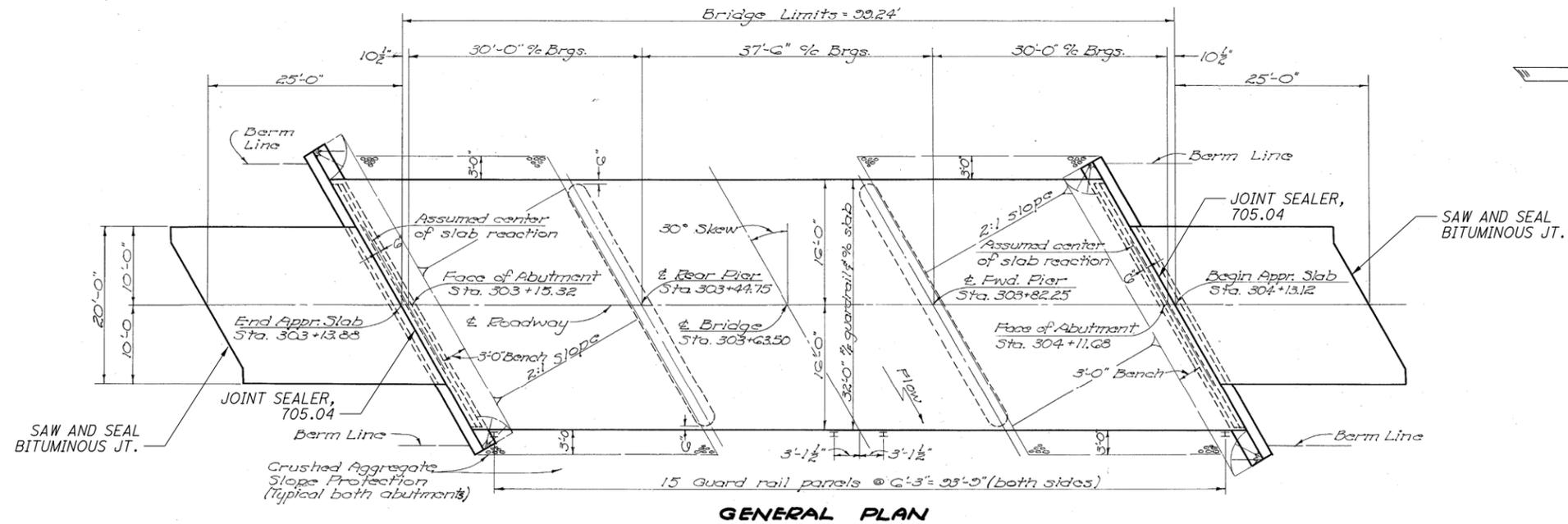


CALCULATED	ALF
CHECKED	JMF

INTERSECTION DETAIL SHEET *
SR 635 & SR 18

SEN - 635 - 0.00

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ESTIMATED QUANTITIES (01/STR/PV)

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIER	SUPER.	GEN.	SEE SHEET
512	73501	353	SY	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN, AS PER PLAN			353		1
516	31000	60	FT	JOINT SEALER			60		
SPECIAL	51631200	60	FT	SAWING AND SEALING BITUMINOUS CONCRETE JOINTS				60	

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

REFER TO THE FOLLOWING STANDARD DRAWINGS:
MT-97.10 DATED/REVISED 7-18-14

EXISTING STRUCTURE VERIFICATION

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTION 102.05.

CONTRACT BID PRICES SHALL BE BASED UPON RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE BY THE CONTRACTOR. HOWEVER, ALL PROJECT WORK SHALL BE BASED UPON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED BY THE CONTRACTOR IN THE FIELD.

EXISTING BRIDGE PLANS

EXISTING PLANS MAY BE INSPECTED AT THE ODOT DISTRICT 2 OFFICE AT 317 EAST POE RD., BOWLING GREEN, OHIO.

TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN, AS PER PLAN

EXISTING PAVEMENT MARKINGS LOCATED ON THE CONCRETE DECKS AND APPROACH SLABS TO BE SEALED WITH GRAVITY FED RESIN ARE TO REMAIN AND TO BE SEALED OVER.

PROPOSED WORK

- ESTABLISH MAINTENANCE OF TRAFFIC AS PER MT-97.10.
- SEAL BRIDGE DECK WITH GRAVITY FED RESIN.

EXISTING STRUCTURE DATA

TYPE: CONTINUOUS REINFORCED CONCRETE SLAB BRIDGE WITH CAPPED PILE ABUTMENTS AND PIERS

SPANS: 30'-0", 37'-6", 30'-0" C/C BEARINGS

ROADWAY: 32'-0" F/F GUARDRAIL

LOADING: CF - 130(57)

SKEW: 30°00'00" R.F.

APPROACH SLABS: 25'-0" LONG AS-1-54

ALIGNMENT: TANGENT

STRUCTURAL FILE NUMBER: 7403933

DATE BUILT: 1960

WEARING SURFACE: SUPERPLASTICIZED DENSE CONCRETE OVERLAY

DESIGN AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

DATE: MM/DD/YY

REVIEWED: XXX

STRUCTURE FILE NUMBER: 7403933

DRAWN: DUG

CHECKED: DUG

DESIGNED: DUG

REVISOR: XXX

SENECA COUNTY

STA.: 0+00

STA.: 0+00

SITE PLAN

BRIDGE NO.: SEN-635-0574

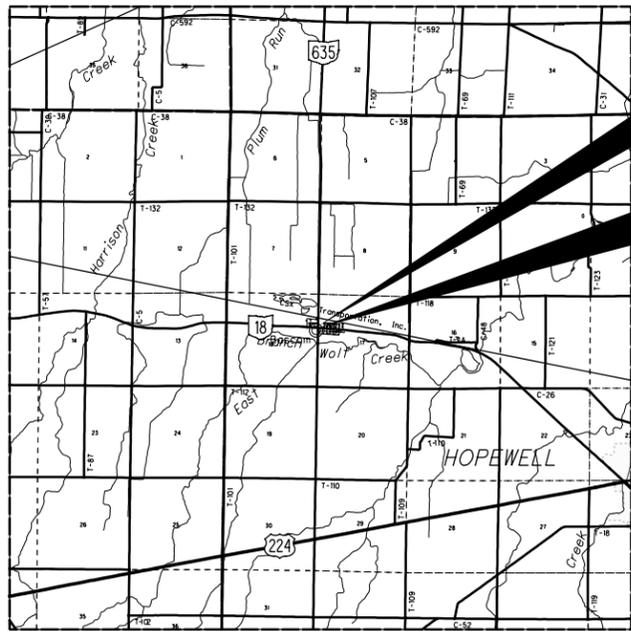
OVER WOLF CREEK

SEN-635-0.00

PID No. 92128

1 / 1

20 / 22



End Acquisition
 @ S.R. 635
 S.L.M. 0.02

Begin Acquisition
 @ S.R. 635
 S.L.M. 0.00

RIGHT OF WAY LEGEND SHEET SEN-635-0.00

SENECA COUNTY
 VILLAGE OF BASCOM
 HOPEWELL TOWNSHIP
 T-2-N, R-14-E
 SECTION 17

LATITUDE: 41°07'58" LONGITUDE: 83°17'07"



UTILITY OWNERS		
NORTH CENTRAL ELECTRIC P.O. BOX 475 ATTICA, OH 44807 (800) 426-3072	TIME WARNER CABLE 3760 INTERCHANGE DR. COLUMBUS, OH 43204 (614) 255-6349	MCI 120 RAVINE AVENUE AKRON, OH 44303 (330) 253-8267
SENECA COUNTY ENGINEER 3300 SOUTH TOWNSHIP ROAD 151 TIFFIN, OH 44883 (419) 447-1011	AEP - AMERICAN ELECTRIC POWER 2622 STATE ROUTE 100 TIFFIN, OH 44883 (419) 209-5583	
COLUMBIA GAS OF OHIO, INC. 2901 E. MANHATTAN BLVD. TOLEDO, OH 43611 (419) 539-6066	BASCOM MUTUAL TELEPHONE COMPANY P.O. BOX 316 BASCOM, OH 44809 (419) 937-2222	

NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

CONVENTIONAL SYMBOLS

County Line	-----	Ditch / Creek (Ex)	-----
Township Line	-----	Ditch / Creek (Pr)	-----
Section Line	-----	Tree Line (Ex)	-----
Corporation Line	-----	Ownership Hook Symbol	-----
Fence Line (Ex)	-----	Property Line Symbol	-----
Center Line	-----	Break Line Symbol	-----
Right of Way (Ex)	-----	Tree (Pr)	-----
Right of Way (Pr)	-----	Tree (Remove)	-----
Standard Highway Ease.(Ex)	-----	Shrub (Ex)	-----
L/A Right of Way (Ex)	-----	Shrub (Remove)	-----
L/A Right of Way (Pr)	-----	Evergreen (Ex)	-----
Utility Ease. (Ex)	-----	Evergreen (Remove)	-----
Railroad	-----	Stump	-----
Guardrail (Ex)	-----	Wetland (Pr)	-----
Construction Limits	-----	Grass (Pr)	-----
Edge of Pavement (Ex)	-----	Aerial Target	-----
Edge of Pavement (Pr)	-----	Post (Ex)	-----
Edge of Shoulder (Ex)	-----	Mailbox (Ex)	-----
Edge of Shoulder (Pr)	-----	Mailbox (Pr)	-----
		Light (Ex)	-----
		Telephone Marker (Ex)	-----
		Fire Hydrant (Ex)	-----
		Water Meter (Ex)	-----
		Water Valve (Ex)	-----
		Utility Valve Unknown (Ex)	-----
		Telephone Pole (Ex)	-----
		Power Pole (Ex)	-----
		Light Pole (Ex)	-----
		Underground Fiber Optic (Ex)	-----
		Underground Telecommunications (Ex)	-----

INDEX OF SHEETS:

LEGEND SHEET	1
RIGHT OF WAY PLAN SHEET	2

STRUCTURE KEY

	RESIDENTIAL
	COMMERCIAL
	OUT-BUILDING

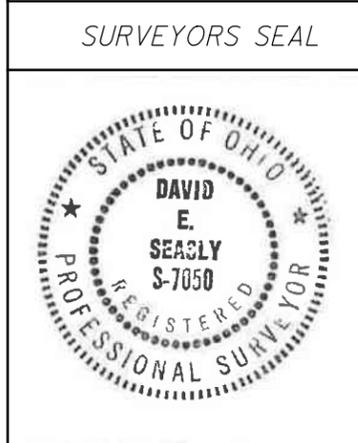
MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- IRON PIN FOUND
- IRON PIN FOUND W/ ID CAP
- IRON PIN SET W/ ID CAP
- IRON PIPE FOUND
- IRON PIPE SET
- P.K. NAIL FOUND
- P.K. NAIL SET
- MAG NAIL FOUND
- MAG NAIL SET

I, David E. Seasly, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation on 16 December 2014. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinates System North Zone on NAD83 (2011) datum. The Project Coordinates (US Survey Feet) are relative to State Plane Grid Coordinates (US Survey Feet) by a Project Adjustment Factor of 1.0000000. As a part of this project I have reestablished the locations of the existing property lines and the existing centerline of Right of Way for property takes contained herein. As a part of this project I have established the proposed property lines, calculated the Gross Take, present roadway occupied (PRO), Net Take and Net Residue; as well as prepared the legal descriptions necessary to acquire the parcels as shown herein. As a part of this work I have set right of way monuments at the property corners, property line intersection, points along the right of way and/or angle points on the right of way, Section Corners and other points as shown herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

David E. Seasly
 David E. Seasly, Professional Land Surveyor 7050

Date: 12-27-16



PROJECT DESCRIPTION
 A DISTRICT ALLOCATION FUNDED PROJECT TO RESURFACE SR-635 FROM SR-18 TO SR-12 IN SENECA COUNTY; PERFORM NECESSARY RELATED WORK.

PROJECT CONTROL
 STATE PLANE GRID - OHIO NORTH NAD 83 (2011)
 PROJECT ADJUSTMENT FACTOR - 1.0000000
 GEOID MODEL - 2012A

NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING ODOT R/W PLANS TITLED "SEN-18-(1.79-8.60)" DATED 1958, A BOUNDARY SURVEY FOR LAVERNE WERTZ BY J.A. HOOVER IN 1990, THE LAND APPRAISER'S PLAT OF 1880, SENECA COUNTY TAX MAPS OF SECTION 17, IN ADDITION TO SURVEYS RECORDED AT THE SENECA COUNTY ENGINEERS OFFICE FOR SECTIONS 17 AND 18, T-2-N, R-14-E, HOPEWELL TOWNSHIP

PLANS PREPARED BY:

FIRM NAME : O.D.O.T.
 R/W DESIGNER: MARTIN J. FARKAS
 R/W REVIEWER: DAVID E. SEASLY
 FIELD REVIEWER: MARTIN J. FARKAS
 PRELIMINARY FIELD REVIEW DATE: 4/22/15
 TRACINGS FIELD REVIEW DATE: 4/22/15
 OWNERSHIP UPDATED BY: MARTIN J. FARKAS
 DATE COMPLETED: 12/22/15
 PLAN COMPLETION DATE: 12/27/15

TYPES OF TITLE LEGEND:
 SH = STANDARD HIGHWAY EASEMENT
 T = TEMPORARY EASEMENT

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FEDERAL PROJECT NO. 92128
 PITD NO. 92128
 CALCULATED MAJF CHECKED DES
 RIGHT OF WAY LEGEND SHEET
 SEN-635-0.00
 1/2
 21/22

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.P.F. IRON PIN FOUND
- D.I.P.F. IRON PIN FOUND W/ ID CAP
- I.P.S. IRON PIN SET W/ ID CAP
- I.P.F. IRON PIPE FOUND
- I.P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- M.N.F. MAG NAIL FOUND
- M.N.S. MAG NAIL SET

- ① N 01° 03' 08" E 100.00'
- ② S 88° 56' 52" E 30.00'
- ③ S 04° 24' 52" W 33.00'
- ④ N 85° 35' 08" W 95.01'
- ⑤ S 01° 03' 08" W 736.04'

C1

R = 100.00'
L = 107.11'
C = 102.07'
C.B. = S 48° 03' 28" E

C2

R = 110.00'
L = 102.31'
C = 98.67'
C.B. = S 41° 32' 48" E

TOTAL NUMBER OF :

- 1 OWNERSHIP 0 TOTAL TAKES
- 1 PARCEL 0 OWNERSHIPS W/ STRUCTURES INVOLVED

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD	AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
											LEFT	RIGHT			BOOK	PAGE
10-SH	HAHNCO II, LLC	2	O.R. 272, PG. 789	F20000312440000	1.492	0.342	0.154	0.119	0.035			1.115	STATE			
10-T		2	O.R. 272, PG. 789	F20000312440000	1.492	0.342	0.052		0.052				STATE	FOR GRADING AND WORK AREA		

GRANTEE:

ALL RIGHT OF WAY ACQUIRED IN THE NAME OF THE OHIO DEPARTMENT OF TRANSPORTATION UNLESS OTHERWISE SHOWN.

NOTE: ALL TEMPORARY PARCELS TO BE OF 12 MONTH DURATION.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

(c) = CALCULATED AREA

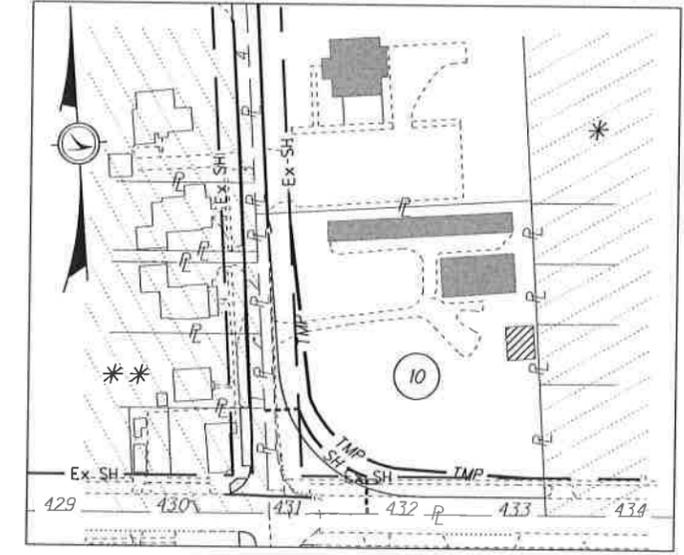
NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

NET TAKE = GROSS TAKE - PRO IN TAKE
NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

TYPES OF TITLE LEGEND:
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT

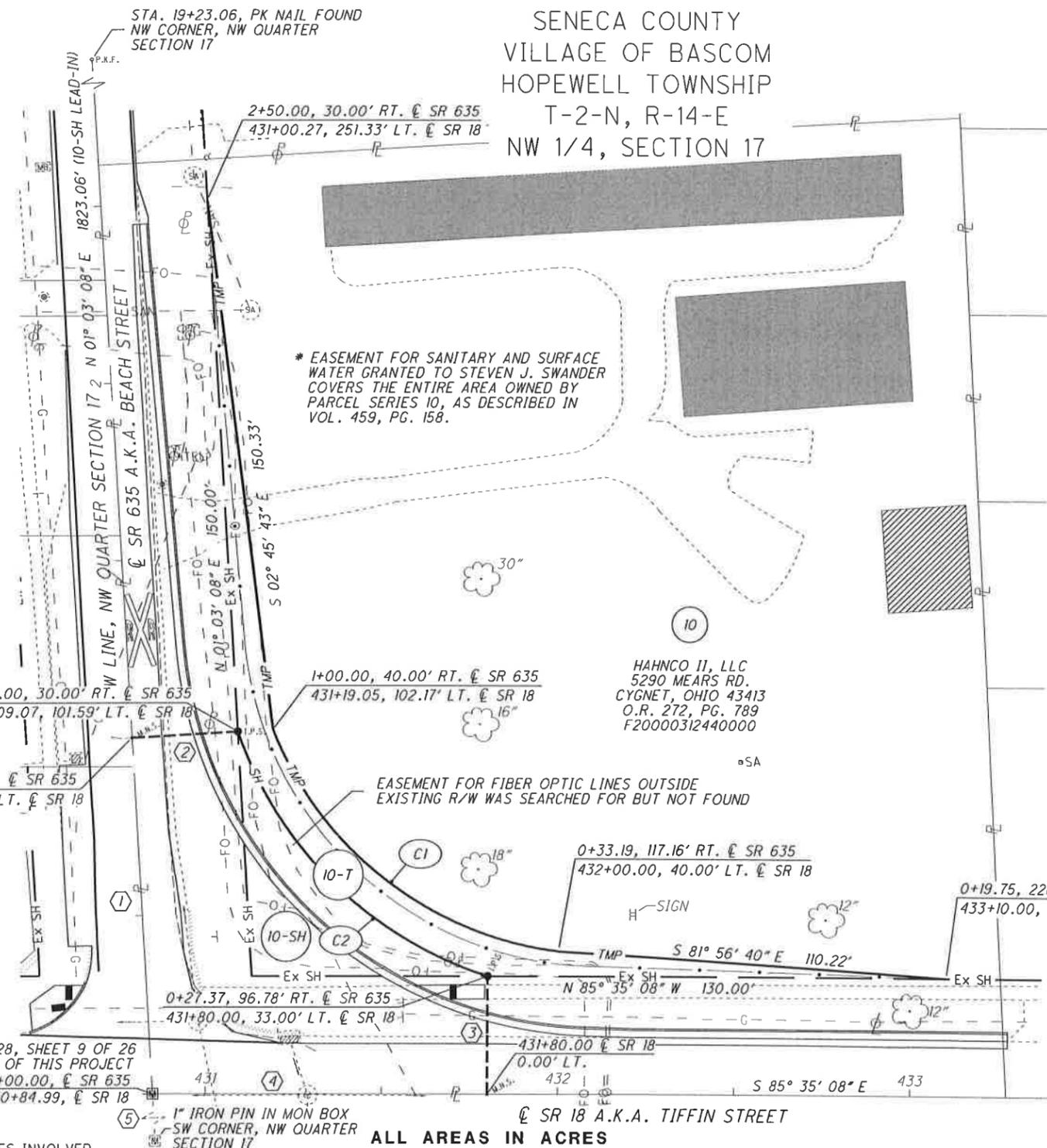
BASIS FOR BEARINGS:
ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY. BEARINGS SHOWN ON THIS PLAT ARE BASED UPON OHIO STATE NORTH ZONE NAD 83 (2011), GEOID MODEL 2012A. THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 17, TOWN 2 NORTH, RANGE 14 EAST, HOPEWELL TOWNSHIP, SENECA COUNTY WAS ESTABLISHED THROUGH GPS OBSERVATION OF FOUND MONUMENTS AND DETERMINED TO BE BEARING NORTH 01° 03' 08" EAST.

PROPERTY MAP



⑩ HAHNCO II, LLC * PLAT OF TOWN OF BASCOM VOL. 2, PG. 1
** MALOY'S ADDITION

SENECA COUNTY
VILLAGE OF BASCOM
HOPEWELL TOWNSHIP
T-2-N, R-14-E
NW 1/4, SECTION 17



ALL AREAS IN ACRES

* DENOTES RIGHT OF WAY ENCROACHMENT

REV. BY	DATE	DESCRIPTION
MJF	1/4/17	CHANGED 10-SH AREA, CHANGED 10-T AREA
MJF	12/27/16	CHANGED 10-WD TO 10-SH, 10-T
MJF	10/15/15	ADDED SELF STORAGE SIGN TO PARCEL 10

FIELD REVIEW BY MARTIN FARKAS DATE: 4/22/15
OWNERSHIP VERIFIED BY MARTIN FARKAS DATE: 12/22/16
DATE COMPLETED MAY 1 2015

RIGHT OF WAY PLAN
STA. 0+00.00 TO STA. 2+50.00

SEN-635-0.00

R/W DESIGNER: MJF
R/W REVIEWER: DES

STATE JOB NO. 427411
PID NO. 92128

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