

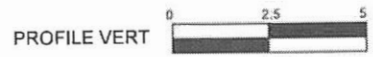
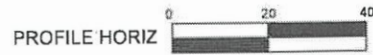
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	1
CONTRACT NO. 97868				

**PROPOSED
HIGHWAY PLANS**

**SURFACE TRANSPORTATION PROGRAM
FAU 9310 (GHENT ROAD)
SECTION 21-00053-01-PV
PROJECT NO. J2AU(378)
CITY OF COLUMBIA, ILLINOIS
GHENT ROAD IMPROVEMENTS - PHASE II
MONROE COUNTY
JOB NO. C-98-018-25**

SCALES:



FOR INDEX OF SHEETS SEE SHEET 2



GHENT ROAD

ROADWAY DESIGNATION: MAJOR COLLECTOR
DESIGN SPEED: 30 MPH
CURRENT ADT: 1392 VPD
DESIGN YEAR (2046) ADT: 1594 VPD



**LOCATION MAP
(NTS)**

LENGTH OF IMPROVEMENT

GROSS LENGTH - STA. 10+12 TO 23+12 - 1,300 FT.
NET LENGTH - 1,300 FT. = 0.246 MI.

CITY OF COLUMBIA

APPROVED: 4-24-26 DATE
 MAYOR OF CITY OF COLUMBIA

PASSED: 05/27/2026 DATE
 DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID
BASED ON LIMITED REVIEW: 05/27/2026 DATE
 REGION FIVE ENGINEER



PRIOR TO DIGGING,
CONTRACTOR IS TO CALL J.U.L.I.E.
AT 800.892.0123 TO VERIFY LOCATION
AND ELEVATION OF EXISTING
UNDERGROUND UTILITIES

PREPARED BY:

gonzalez
GONZALEZ COMPANIES, LLC
525 WEST MAIN STREET
SUITE 115
BELLEVILLE, IL 62220
PHONE: (618) 222-2221
WWW.GONZALEZCOS.COM



Anthony A. Schenk
04/21/26
Date of Signing
11/30/27
Date of License Expiration

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INDEX OF SHEETS

1	COVER
2	INDEX OF SHEETS, GENERAL NOTES, STANDARDS, AND COMMITMENTS
3 - 4	SUMMARY OF QUANTITIES
5 - 6	TYPICAL SECTIONS
7 - 10	SCHEDULES
11 - 14	PLAN AND PROFILE
15 - 16	STAGING PLAN
17 - 18	REMOVAL PLAN
19 - 24	STORM SEWER PROFILE
25 - 26	EROSION CONTROL PLAN
27 - 29	INTERSECTION DETAILS
30 - 31	DETAILS
32 - 41	CROSS SECTIONS

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS. PAVEMENT RECONSTRUCTION WILL BE DONE DURING FULL ROAD CLOSURE AND TYPE III BARRICADES AND ADVANCED WARNING SIGNS WILL BE USED AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS.
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED AS SPECIFIED WITH CLASS 1 SEEDING. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04. AREAS DISTURBED BEYOND THE CONSTRUCTION LIMITS SHALL BE SEEDED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE ASSUMED LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT PRIVATE PROPERTY CONTIGUOUS WITH THE WORK. SPECIFICALLY, THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL LANDSCAPING, TREES AND FENCES WHICH ARE NOT CALLED OUT TO BE REMOVED. ALL PRIVATE PROPERTY THAT IS DAMAGED OR DESTROYED SHALL BE RESTORED TO A CONDITION EQUAL TO THAT EXISTING PRIOR TO DAMAGE ACCORDING TO ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES.
- THE CONTRACTOR SHALL RESTRICT ALL CONSTRUCTION OPERATIONS TO WITHIN THE PUBLIC RIGHT-OF-WAY UNLESS OTHERWISE INDICATED ON THE PLANS.
- WHERE PROPERTY PINS, SECTION, OR SUBSECTION SURVEY MONUMENTS ARE ENCOUNTERED, THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT HAVE WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- SIDEROAD AND ENTRANCE FLAGGERS SHALL BE REQUIRED AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- FACTORS USED FOR APPLICATION RATES AND QUANTITY CALCULATIONS ARE AS FOLLOWS:

PAVING	
ALL HOT-MIX ASPHALT	0.056 TONS/SQ. YD. /INCH
BITUMINOUS MATERIALS (PRIME COAT)	0.05 LBS/SQ FT. (HMA,PCC)
	0.25 LBS/SQ FT. (AGG)
BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/SQ.FT.
AGGREGATE	0.0555 TONS/SQ YD/INCH
SEEDING	
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTREINET	90 LBS/ACRE
MULCH	2 TONS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE
- THE REMOVAL OF ANY CURB AND GUTTER SHALL ALSO INCLUDE THE DISCONNECTION OF THE EXISTING CURB/ CURB AND GUTTER FROM ANY REINFORCEMENT OR COLLATERAL MATERIAL THAT MAY BE PRESENTLY ATTACHED. THERE SHALL NOT BE ANY ADDITIONAL REMUNERATION BUT THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE REMOVAL ITEM.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MX ASPHALT.
- TEMPORARY CONSTRUCTION EASEMENTS, WHICH PROVIDE FOR WORK THAT IS TO BE DONE, ARE DEPICTED ON THE PLANS AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT WHICH IS NECESSARY TO ADJUST THE PROPERTY TO THAT REQUIRED BY THE CONTRACT PLANS, THE CONTRACTOR SHALL NOT USE THE EASEMENT AREAS FOR STORAGE OF MATERIAL OR EQUIPMENT.
- ALL MAILBOXES WITHIN THE PROJECT LIMITS SHALL BE REMOVED, TEMPORARILY ERECTED, AND SET IN ITS PERMANENT LOCATION IN ACCORDANCE WITH U.S. POSTAL SERVICE REQUIREMENTS AND ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. COORDINATE THIS WORK WITH THE LOCAL POSTAL AUTHORITY.
- THE CONTRACTOR SHALL STRIP TOPSOIL ALONG CONSTRUCTION OF THE NEW ALIGNMENT FROM STATION 10+20 TO STATION 14+00 AND STOCKPILE ON CITY OWNED PARCEL 04-16-100-005-000. THIS STOCKPILED TOPSOIL SHALL BE USED AS BACK FILL FOR THE REMAINDER OF THE PROJECT.
- THE PROPOSED CITY OWNED PARCEL 04-16-100-005-000 MAY BE USED FOR STAGING OR STORAGE OF EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING THE PARCEL TO PRE CONSTRUCTION CONDITIONS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH THE CONTRACTOR CONSTRUCTING THE PROPOSED ROUNDABOUT AT THE INTERSECTION OF GHENT ROAD AND QUARRY ROAD. THESE PROJECTS WORKING DAYS MAY OVERLAP, AND ROAD CLOSURE OF GHENT ROAD WILL NOT BE ALLOWED DURING CONSTRUCTION OF THE ROUNDABOUT PROJECT.

APPLICABLE IDOT HIGHWAY STANDARDS

000001-09	Standard Symbols, Abbreviations, and Patterns
280001-07	Temporary Erosion Control Systems
424001-12	Perpendicular Curb Ramps for Sidewalks
424011-05	Corner Parallel Curb Ramps for Sidewalks
424016-06	Mid-Block Curb Ramps for Sidewalks
542301-03	Precast Reinforced Concrete Flared End Section
602301-04	Inlet Type A
602306-03	Inlet Type B
602401-07	Precast Manhole Type A 4' Diameter
602601-06	Precast Reinforced Concrete Slab Top
602701-02	Manhole Steps
604001-05	Frame and Lids Type 1
604006-05	Frame and Grate Type 3 (Open Box)
604036-03	Frame Type 8
606001-09	Concrete Curb Type B and Combination Concrete Curb and Gutter
701501-06	Urban Lane Closure, 2L, 2W, Undivided
701801-06	Sidewalk, Corner or Crosswalk Closure
701901-11	Traffic Control Devices
720006-04	Sign Panel Erection Details
729001-01	Applications of Types A & B Metal Posts (For Signs & Markers)
780001-05	Typical Pavement Markings

UTILITIES

CITY OF COLUMBIA
208 S RAPP AVE
COLUMBIA, IL 62236

CHARTER COMMUNICATIONS
ATTN: CHRIS SHELTON
(618)386-1649

AMEREN ILLINOIS (SOUTH)
ATTN: NATHAN HILL
(618)301-5327

HARRISONVILLE TELEPHONE
ATTN: THOMAS SCHRIEBER
(618)939-9256

EVERSTREAM COMMUNICATIONS
ATTN: JOHN KLEBE
(636)697-2648

TYPE

WATER/SEWER

COMMUNICATION

GAS/ELECTRIC

TELEPHONE

COMMUNICATION

COMMITMENTS

- TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.
- NO TREE CLEARING BEYOND 100 FEET OF THE EDGE OF PAVEMENT OR RAILROAD WILL OCCUR.
- SHOULD THE PROJECT REQUIRE TEMPORARY OR PERMANENT LIGHTING, ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH FEDERAL HIGHWAY ADMINISTRATION GUIDE FOR BATS WHICH RECOMMENDS THAT LIGHTING DOES NOT INCREASE ILLUMINATION ABOVE AMBIENT CONDITIONS AND THAT INCORPORATES FULL CUT OFF, DOWNWARD FACING LIGHTS DIRECTED AWAY FROM FORESTED AREAS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT			
LOCATION (S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTRANCES
MIXTURE USE	SURFACE COURSE	BINDER COURSE	INCIDENTAL ASPHALT
PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDES=50	4.0% @ NDES=50	4.0% @ NDES=50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-9.5	IL-19.0	IL-9.5
FRICTION AGGREGATE:	MIXTURE C	N/A	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SQ YD/IN.	112.0 LB/SQ YD/IN.	112.0 LB/SQ YD/IN.
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	N/A
SUBLOT SIZE:	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED)	NO	NO	NO

LEGEND

TREE LINE	
EXISTING EASEMENT	
EXISTING RIGHT-OF-WAY	
EXISTING PROPERTY LINE	
EXISTING WATER MAIN	
EXISTING WATER SERVICE	
EXISTING WATER METER	
EXISTING WATER VALVE	
EXISTING FIRE HYDRANT	
EXISTING SANITARY SEWER	
EXISTING SANITARY SERVICE	
EXISTING STORM SEWER	
EXISTING MANHOLE	
EXISTING STORM INLET	
EXISTING UTILITY BOXES	
EXISTING ELECTRIC	
EXISTING GAS MAIN	
EXISTING CABLE TV	
EXISTING TELEPHONE	
EXISTING IRRIGATION SYSTEM	
EXISTING CONTOURS	
EXISTING TREE	
EXISTING POWER POLE	
EXISTING LIGHT POLE	
EXISTING LAMP POST	
EXISTING SIGN POST	
AIP	ABANDON IN PLACE

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PHONE (618-222-2221)
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ILLINOIS PROFESSIONAL DESIGN FIRM 184.004564

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DATE	— 4/20/2026	REVISED	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES STANDARDS
AND COMMITMENTS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	2
CONTRACT NO. 97866				

SUMMARY OF QUANTITIES

PAY ITEM NO.	PAY ITEM NAME	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	2168
20800150	TRENCH BACKFILL	CU YD	208
25000100	SEEDING CLASS 1	ACRE	0.6
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	54
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	54
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	54
25100115	MULCH METHOD 2	ACRE	0.6
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	54
28000400	PERIMETER EROSION BARRIER	FOOT	469
28000500	INLET AND PIPE PROTECTION	EACH	21
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	2960
31101191	SUBBASE GRANULAR MATERIAL, TYPE B 3"	SQ YD	354
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1372
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	335
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	45
35400100	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"	SQ YD	708
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	43
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	750
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6391
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2200
40600990	TEMPORARY RAMP	SQ YD	44
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	821
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	526

SUMMARY OF QUANTITIES

PAY ITEM NO.	PAY ITEM NAME	UNIT	QUANTITY
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	335
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5975
42400800	DETECTABLE WARNINGS	SQ FT	20
44000100	PAVEMENT REMOVAL	SQ YD	1201
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	345
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	10
44000600	SIDEWALK REMOVAL	SQ FT	129
44004250	PAVED SHOULDER REMOVAL	SQ YD	174
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SQ YD	28
50105220	PIPE CULVERT REMOVAL	FOOT	131
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	1032
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	190
60100935	PIPE DRAINS 10"	FOOT	19
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	6
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	8
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2623
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	130

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	3
CONTRACT NO. 97866				

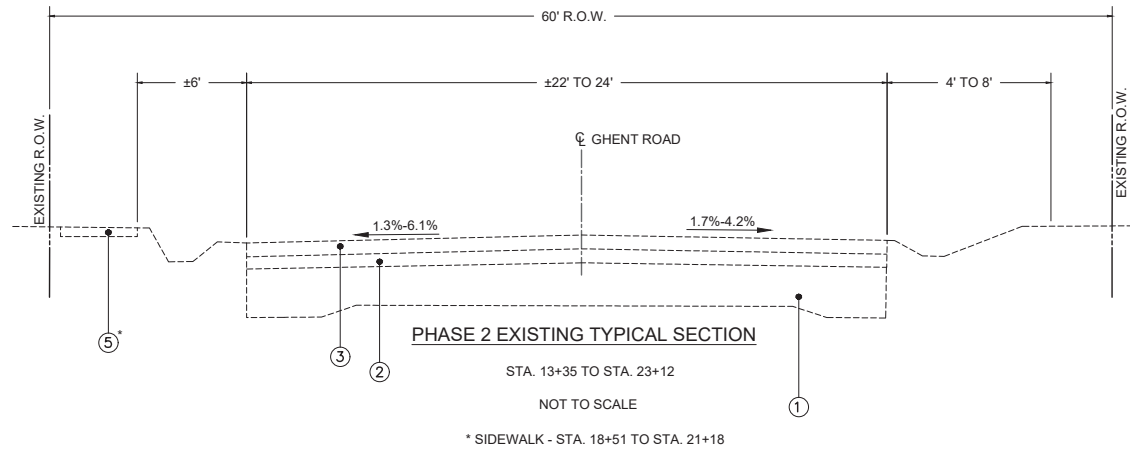
SUMMARY OF QUANTITIES

PAY ITEM NO.	PAY ITEM NAME	UNIT	QUANTITY
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	43
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	2687
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	72
* 72000100	SIGN PANEL - TYPE 1	SQ FT	39
* 72900200	METAL POST - TYPE B	FOOT	68
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2687
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	72
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	54
* X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2
X8030106	LOCATING UNDERGROUND UTILITIES	FOOT	70
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1477
X6010202	TRENCH DRAIN	EACH	1
X6024242	INLETS, SPECIAL, NO. 1	EACH	1
# Z0076600	TRAINEES	HOUR	500
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	86

* SPECIALTY ITEMS

0042

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LEGEND

- ① EXISTING PCC PAVEMENT 6" TO 9" (18" WIDE)
- ② EXISTING HMA OVERLAY 2"
- ③ EXISTING OIL & CHIP SURFACE
- ④ EXISTING SIDEWALK
- ⑤ EXISTING AGGREGATE BASE

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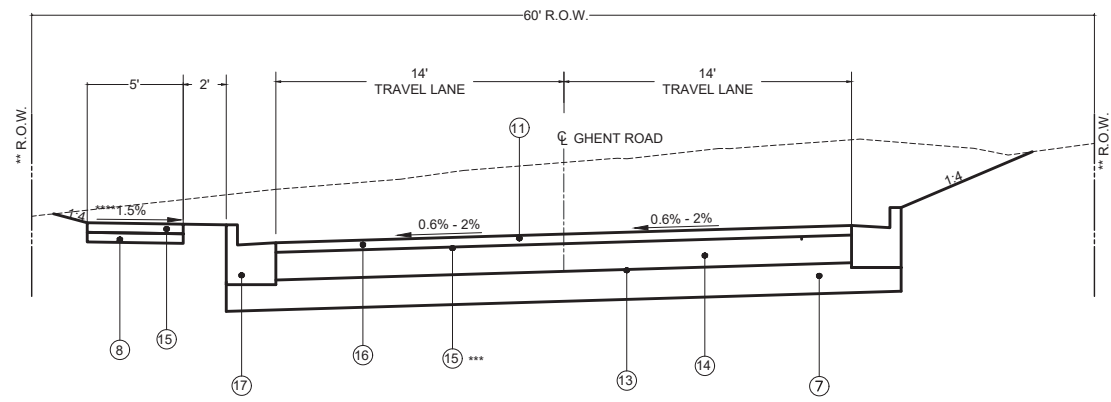
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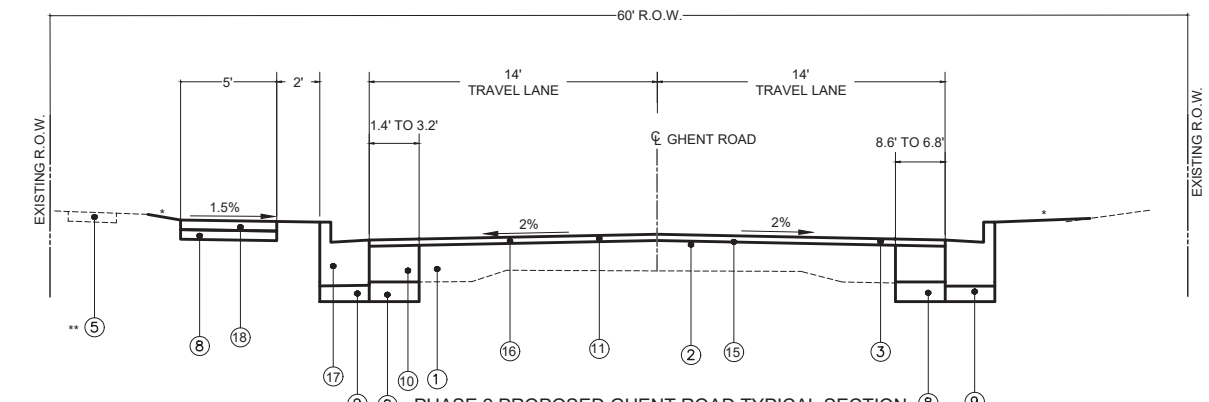
EX TYPICAL SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	5
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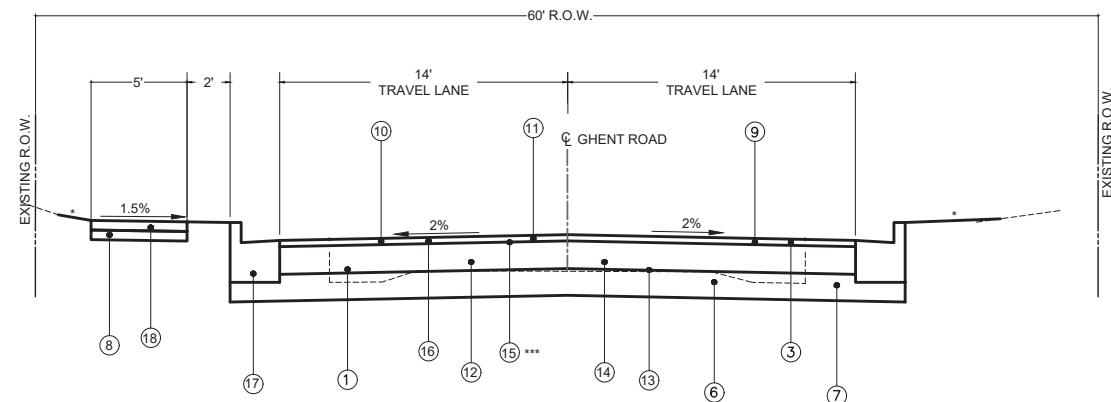
PHASE 2 PROPOSED GHENT ROAD TYPICAL SECTION
PROPOSED R.O.W. SUPERELEVATION

STA. 11+81 TO STA. 12+92 REMOVE CROWN
 STA. 10+20 TO STA. 11+81 & STA. 12+92 TO STA. 13+35 TANGENT RUNOFF
 STA. 13+35 TO STA. 13+78 TANGENT RUNOUT
 NOT TO SCALE
 ** PRO ROW STA. 10+20 TO 13+41
 EX ROW STA. 13+41 TO 13+78
 *** BITUMINOUS MATERIALS (TACK COAT) SHALL BE APPLIED
 BETWEEN EACH LIFT OF HMA SURFACE AND BINDER
 **** SIDEWALK SLOPES AWAY FROM ROADWAY
 STA. 10+20 TO STA. 10+63



PHASE 2 PROPOSED GHENT ROAD TYPICAL SECTION
NORMAL CROWN

STA. 16+75 TO STA. 23+12
 NOT TO SCALE
 *1:50 TO 1:3 (SEE CROSS SECTIONS)
 ** EXISTING SIDEWALK TBR STA. 18+51 TO STA. 21+19



PHASE 2 PROPOSED GHENT ROAD TYPICAL SECTION
NORMAL CROWN

STA. 13+78 TO STA. 16+75
 NOT TO SCALE
 *1:50 TO 1:3 (SEE CROSS SECTIONS)
 ** NO DEDUCTION IN QUANTITY WILL BE MADE FOR TRIMMING
 SUB-BASE FOR INSTALLATION OF CURB AND GUTTER
 *** BITUMINOUS MATERIALS (TACK COAT) SHALL BE APPLIED
 BETWEEN EACH LIFT OF HMA SURFACE AND BINDER

STRUCTURAL PAVEMENT DESIGN INFORMATION

STRUCTURAL DESIGN TRAFFIC	YEAR: 2045 TOTAL: 1,594 VEHICLES PV:1547 (97%) SU: 32 (2%) MU: 16 (1%)
ROAD/STREET CLASSIFICATION	CLASS III ROADWAY MAJOR COLLECTOR
TRAFFIC FACTOR	0.099
SUBGRADE SUPPORT RATING	ASSUMED POOR RATING

LEGEND

- ① EXISTING PCC PAVEMENT 6" TO 9" (18" WIDE)
- ② EXISTING HMA OVERLAY 2"
- ③ EXISTING OIL & CHIP SURFACE
- ④ EXISTING CURB AND GUTTER
- ⑤ EXISTING SIDEWALK
- ⑥ EXISTING AGGREGATE BASE
- ⑦ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ⑧ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 3"
- ⑩ PROPOSED PCC BASE COURSE WIDENING 6"
- ⑪ PROPOSED HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑫ PROPOSED PAVEMENT REMOVAL
- ⑬ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑭ PROPOSED HMA BINDER COURSE, IL-19.0, N50, 6"
- ⑮ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ⑯ PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 2"
- ⑰ PROPOSED COMBINATION CONCRETE CURB AND GUTTER B6.24
- ⑱ PROPOSED PCC SIDEWALK, 4 INCH

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	6
CONTRACT NO. 97866				

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DRAINAGE STRUCTURE SCHEDULE				
PT	LOCATION STATION / OFFSET	DESCRIPTION	RIM	INVERTS
S-1	21+24.86 15.29'LT.	INLETS, TYPE B w/ TYPE 3 FRAME AND GRATE (open back)	494.97	491.97 S 491.97 N 492.23 E
S-2	19+51.96 15.27'LT.	MANHOLES, TYPE A, 4'-DIA W/ TYPE 3 FRAME AND GRATE (open back)	499.74	495.41 E 495.41 N 495.41 S 495.40 W
S-3	18+12.14 15.33'LT.	INLETS, TYPE B w/ TYPE 3 FRAME AND GRATE (open back)	502.60	499.85 E 499.58 N 499.58 S
S-4	15+96.22 15.30'LT.	INLETS, TYPE B w/ TYPE 3 FRAME AND GRATE (open back)	511.09	508.19 N 508.43 E
S-5	15+96.22 15.29'RT.	INLETS, TYPE A w/ TYPE 3 FRAME AND GRATE (open back)	511.09	508.74 W
S-6	21+24.86 15.29'RT.	INLETS, TYPE A w/ TYPE 3 FRAME AND GRATE (open back)	494.97	492.54 W
S-7	19+52.07 15.31'RT.	INLETS, TYPE A w/ TYPE 3 FRAME AND GRATE (open back)	498.08	495.72 W
S-8	19+51.91 29.84'LT.	INLETS, TYPE A w/ TYPE 8 GRATE	497.63	495.55 E
S-9	18+12.16 15.29'RT.	INLETS, TYPE A w/ TYPE 3 FRAME AND GRATE (open back)	502.60	500.16 W
S-10	13+25.00 15.29'LT.	INLETS, TYPE B w/ TYPE 3 FRAME AND GRATE (open back)	511.67	508.80 S 509.09 E
S-11	12+00.00 15.29'LT.	INLETS, TYPE B w/ TYPE 3 FRAME AND GRATE (open back)	507.35	504.11 N 504.01 SW 504.74 SE
S-12	10+72.69 15.29'LT.	INLETS, TYPE B w/ TYPE 3 FRAME AND GRATE (open back)	502.50	499.79 NE 499.79 SW
S-13	10+33.81 14.79'LT.	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	501.79	499.16 SE 498.74 NW 499.01 NE
S-14	10+36.10 32.32'LT.	INLETS, TYPE B W/ TYPE 3 FRAME AND GRATE (open back)	501.55	498.65 NW 498.65 SE
S-15	10+41.17 59.85'LT.	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	500.36	498.09 SE
S-16	10+39.04 32.30'RT.	INLETS TYPE B W/TYPE 3 FRAME & GRATE (open back)	502.12	499.40 NW 499.39 S
S-17	10+33.44 52.23'RT.	Inlets, Special No. 1 (3'x3') (open 4 sides)	503.00	499.60 N
S-18	13+25.00 15.58'RT.	INLETS, TYPE A w/ TYPE 3 FRAME AND GRATE (open back)	512.00	509.40 W
S-19	12+00.00 15.29'RT.	INLETS, TYPE A w/ TYPE 3 FRAME AND GRATE (open back)	507.91	505.35 NW
X-1	23+16.04 14.69'LT.	Existing Inlet from Phase 1	492.42	489.11 S

NOTE:
RIM ELEVATION REFERS TO THE ELEVATION AT THE CENTER OF LID.
STATION/OFFSETS ARE GIVEN TO THE CENTER OF THE DRAINAGE STRUCTURE.
USE PRECAST FLAT SLAB TOP WHEN REQUIRED.
EXISTING STRUCTURES SHOWN IN SCHEDULE TO PROVIDE CONNECTION INFORMATION.

STORM SEWER SCHEDULE								
PIPE NO.	START PIPE STRUCTURE	END PIPE STRUCTURE	PIPE DESCRIPTION	PIPE LENGTH	UPSTREAM INVERT ELEV.	DOWNSTREAM INVERT ELEV.	PIPE SLOPE	TRENCH BACKFILL (CU YD)
P-1	S-1	X-1	Storm Sewers, Rubber Gasket, Class A, Type 1 - 15"	190	491.97	489.11	1.50%	29
P-2	S-2	S-1	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	172	495.41	491.97	2.00%	23
P-3	S-3	S-2	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	139	499.58	495.41	3.00%	18
P-4	S-4	S-3	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	215	508.19	499.58	4.00%	28
P-5	S-5	S-4	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	31	508.74	508.43	1.00%	4
P-6	S-6	S-1	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	31	492.54	492.23	1.00%	4
P-7	S-7	S-2	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	31	495.72	495.41	1.00%	4
P-8	S-8	S-2	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	15	495.55	495.40	1.00%	3
P-9	S-9	S-3	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	31	500.16	499.85	1.00%	4
P-10	S-10	S-11	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	117	508.80	504.11	4.00%	34
P-11	S-11	S-12	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	121	504.01	499.79	3.50%	25
P-12	S-12	S-13	Storm Sewers, Type 1, Water Main Quality Pipe, 12"	39	499.79	499.01	2.00%	5
P-13	S-13	S-14	Storm Sewers, Rubber Gasket, Class A, Type 1 - 15"	18	498.74	498.65	0.50%	2
P-14	S-14	S-15	Storm Sewers, Rubber Gasket, Class A, Type 1 - 15"	28	498.65	498.09	2.00%	4
P-15	S-16	S-13	Storm Sewers, Type 1, Water Main Quality Pipe, 12"	47	499.40	499.16	0.50%	6
P-16	S-17	S-16	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	21	499.60	499.39	1.00%	3
P-17	S-18	S-10	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	31	509.40	509.09	1.00%	4
P-18	S-19	S-11	Storm Sewers, Rubber Gasket, Class A, Type 1 - 12"	31	505.35	504.74	2.00%	4
P-19			Pipe Drains 10"	19	497.00	496.91	0.50%	3
TOTAL:								208

NOTE:
STORM SEWERS CLASS A SHALL BE REINFORCED CONCRETE PIPE (RCP).
PIPE DRAINS SHALL BE POLYVINYL CHLORIDE PIPE (PVC).
PIPE LENGTHS SHOWN IN SCHEDULE ARE MEASURED CENTER TO CENTER OF STRUCTURE.
PAYMENT SHALL BE ACCORDING TO SECTIONS 550 AND 601 OF THE IDOT STANDARD SPECIFICATIONS.



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DATE	— 4/20/2026	REVISED	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	7
CONTRACT NO. 97866				

STORM SEWER SCHEDULE

PIPE NO.	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 - 12"	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 - 15"	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	PIPE DRAINS 10"
	FOOT	FOOT	FOOT	FOOT
P-1		190		
P-2	172			
P-3	139			
P-4	215			
P-5	31			
P-6	31			
P-7	31			
P-8	15			
P-9	31			
P-10	117			
P-11	121			
P-12			39	
P-13	18			
P-14	28			
P-15			47	
P-16	21			
P-17	31			
P-18	31			
P-19				19
TOTAL	1032	190	86	19

DRAINAGE STRUCTURE SCHEDULE

PT	MANHOLES, TYPE A, 4'-DIA., WITH TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 4'-DIA., WITH TYPE 3 FRAME AND GRATE (OPEN BACK)	INLETS, TYPE B, WITH TYPE 3 FRAME AND GRATE (OPEN BACK)	INLETS, TYPE A, WITH TYPE 3 FRAME AND GRATE (OPEN BACK)	INLETS, TYPE A, WITH TYPE 8 GRATE	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	INLETS, SPECIAL NO. 1
S-1			1				
S-2		1					
S-3			1				
S-4			1				
S-5					1		
S-6					1		
S-7					1		
S-8						1	
S-9					1		
S-10			1				
S-11			1				
S-12			1				
S-13	1						
S-14			1				
S-15						1	
S-16			1				
S-17							1
S-18					1		
S-19					1		
TOTAL	1	1	8	6	1	1	1

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DEPARTMENT OF TRANSPORTATION

SCHEDULES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	8
CONTRACT NO. 97866				

ENTRANCE SCHEDULE

STATION	EXISTING SURFACE	TYPE	"L"	"W"	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 6" (SQ YD)	AGG. BASE COURSE, TYPE B, 4" (SQ YD)	AGG. SURFACE COURSE, TYPE B, 6" (SQ YD)	INCIDENTAL HMA SURFACING 3" (TON)	AGGREGATE BASE COURSE, TYPE B, 8" (SQ YD)	COMMENTS
			(FOOT)	(FOOT)							
STA. 14+88 LT	N/A	FE	16	16		18	18	15			NEW ENTRANCE
STA. 14+88 RT	AGGREGATE	PE	11	14		14	14	8			
STA. 16+21 LT	ASPHALT	PE	25	15	53	19	19		5	30	
STA. 16+52 RT	TURF	FE	12	16		15	15	10			
STA. 17.25 LT	ASPHALT	PE	10	24	67	25	25		15	15	
STA. 17.42 RT	N/A	FE	11	16		15	15	10			NEW ENTRANCE
STA. 17+79 LT	N/A	PE	7	24		24	24				FUTURE ENTRANCE
STA. 19+95 LT	CONCRETE	PE	27	24	93	90	90				APARTMENT ENTRANCE
STA. 21+54 RT	CONCRETE	PE	10	18	42	25	25				
STA. 21+72 LT	CONCRETE	PE	46	17	91	91	91				
TOTAL					345	335	335	43	20	45	

NOTE: PLEASE REFER TO ENTRANCE DETAILS FOR APPLICATION OF THE DIMENSIONS

PAVING SCHEDULE

LOCATION	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 3"	PCC BASE COURSE WIDENING 6"	BITUMINOUS MATERIALS (PRIME COAT)	HMA BINDER COURSE, IL-19.0, N50, 6"	BITUMINOUS MATERIALS (TACK COAT)	HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 2"	TEMPORARY RAMP
	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(POUND)	(TON)	(POUND)	(TON)	(SQ YD)
STA. 10+12 TO 16+75	2960				5499	821	2200	274	22
STA. 16+75 TO 23+12		708	354	708	892			252	22
TOTAL	2960	708	354	708	6391	821	2200	526	44

NOTE: ADDITIONAL QUANTATY HAS BEEN ADDED TO HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 2" TO ACCOMADTE VARIATIONS BETWEEN THE EXISTING SURFACE AND PROPOSED SURFACE FROM STA 16+75 TO STA 18+00

PAVEMENT REMOVAL SCHEDULE

LOCATION	PAVED SHOULDER REMOVAL	PAVEMENT REMOVAL	HMA SURFACE REMOVAL (VARIABLE DEPTH)
	(SQ YD)	(SQ YD)	(SQ YD)
STA. 10+12	174		
STA. 13+35 TO 16+75		1201	
STA. 16+75 TO 23+12			1477
TOTAL	174	1201	1477

SEEDING, FERTILIZER AND MULCH SCHEDULE

LOCATION	SEEDING, CLASS 1	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2
	(ACRE)	(POUND)	(POUND)	(POUND)	(ACRE)
STA. 10+38 to STA. 23+12	0.6	54	54	54	0.6
TOTAL	0.6	54	54	54	0.6

EROSION CONTROL SCHEDULE

LOCATION	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
	(FOOT)	(EACH)
STA. 09+31 TO 13+00	26	8
STA. 13+00 TO 18+00	173	4
STA. 18+00 TO 23+13	270	9
TOTAL	469	21

ADJUSTMENT SCHEDULE

LOCATION	ADJUSTING WATER SERVICE LINES (BY OTHERS)
	(EACH)
STA. 14+00 to STA. 23+13	14
TOTAL	14

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	9
CONTRACT NO. 97866				

SIDEWALK REMOVAL SCHEDULE	
LOCATION - LT.	SIDEWALK REMOVAL (SQ FT)
STA. 09+85	25
STA. 18+50 TO 19+82	57
STA. 20+08 TO 21+18	47
TOTAL	129

SIDEWALK SCHEDULE			
LOCATION - LT.	PCC SIDEWALK, 4" (SQ FT)	SUBBASE GRANULAR MATERIAL, TYPE B 4" (SQ YD)	DETECTABLE WARNINGS (SQ FT)
STA. 09+77 TO 09+83	153	17	10
STA. 10+29 TO 17+07	3355	373	10
STA. 17+43 TO 19+68	1134	126	
STA. 20+25 TO 21+60	706	78	
STA. 21+89 TO 23+39	627	70	
TOTAL	5975	664	20

CURB AND GUTTER REMOVAL SCHEDULE	
LOCATION	COMBINATION CURB AND GUTTER REMOVAL (FOOT)
STA. 09+85	10
TOTAL	10

CURB AND GUTTER SCHEDULE	
LOCATION	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)
STA. 09+85 LT	10
STA. 10+20 TO 19+82 LT	965
STA. 10+22 TO 23+12 RT	1331
STA. 20+09 TO 23+12 LT	317
TOTAL	2623

PATCHING SCHEDULE	
LOCATION	PAVEMENT PATCHING, TYPE II, 10 INCH (SQ YD)
STA. 18+13	9
STA. 19+52	9
STA. 21+25	9
TOTAL	28

DRAINAGE REMOVAL SCHEDULE		
LOCATION	DESCRIPTION	PIPE CULVERT REMOVAL (FOOT)
16+19 LT	12" VCP	35
16+52 RT	12" VCP	18
19+95 LT	18" VCP	55
21+45 RT	12" CMP	22
TOTAL		131

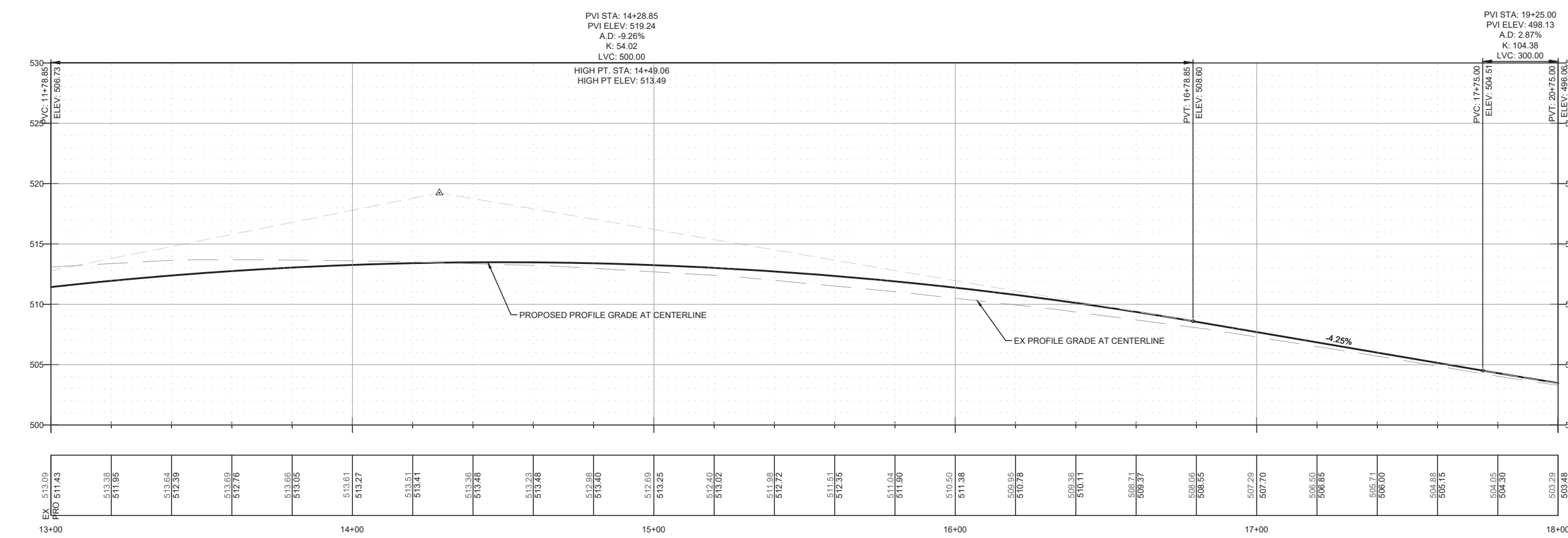
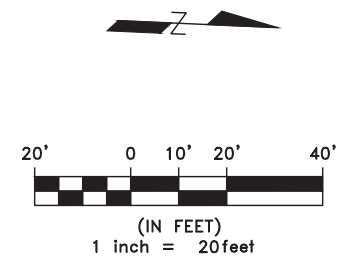
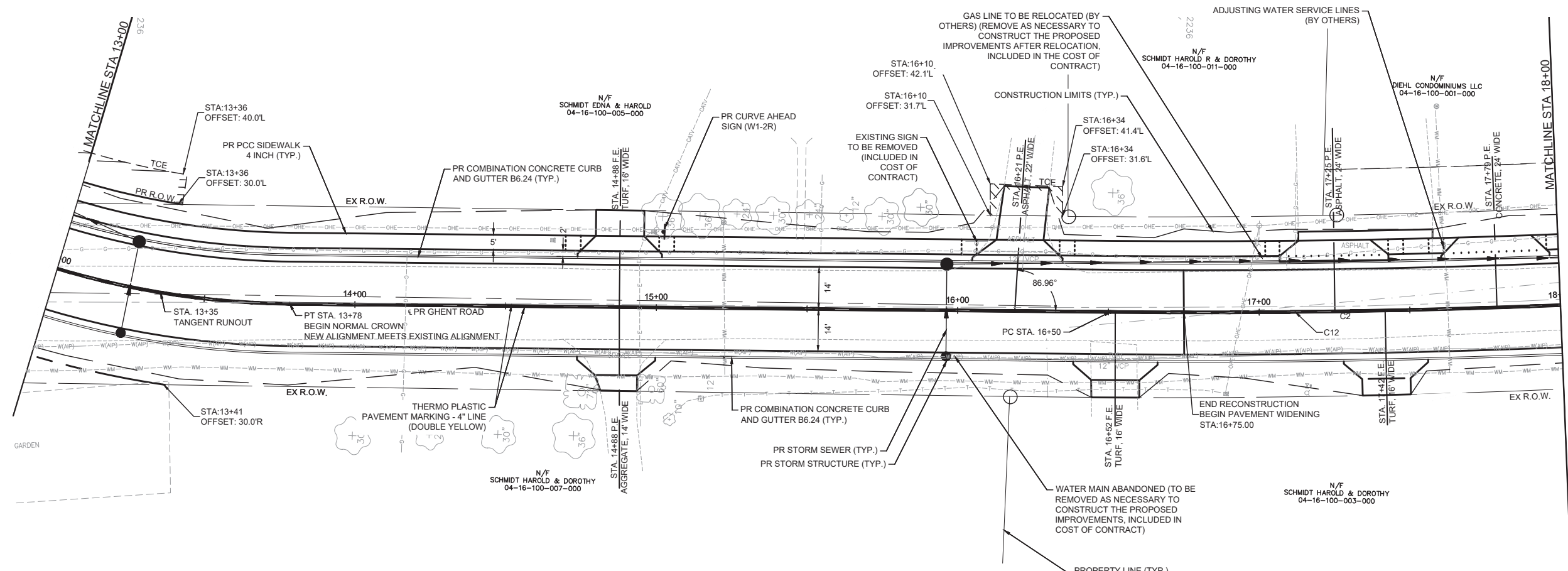
SIGN SCHEDULE						
LOCATION	LT/RT	PROPOSED OFFSET (FOOT)	SIGN PANEL - TYPE 1 (SQ FT)	METAL POST - TYPE B (FOOT)	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) (EACH)	DESCRIPTION
STA. 9+75	LT	247	9	13.5		W11-2 (30X30) W16-9P (24X12)
STA. 9+76	LT	47			1	(SEE DETAILS)
STA. 10+23	RT	149	9	13.5		W11-2 (30X30) W16-9P (24X12)
STA. 10+29	LT	51			1	(SEE DETAILS)
STA. 10+50	LT	32	7	13.5		R1-1 (30X30)
STA. 12+63	LT	26	7	13.5		W3-1 (30X30)
STA. 15+02	LT	25	7	13.5		W1-2R (30X30)
TOTAL			39	68	2	

PAVEMENT MARKING SCHEDULE			
LOCATION	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (FOOT)	PAVEMENT MARKING REMOVAL - WATER BLASTING (SQ FT)
STA. 09+89 + 10+24 LT		48	
STA. 9+99			4
STA. 10+12			50
STA. 10+32 (320' LT)	145		
STA. 10+40 TO 10+45 LT		24	
STA. 10+40 TO 23+39 LT	2542		
TOTAL	2687	72	54

EARTHWORK SCHEDULE				
LOCATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (CU YD)	EMBANKMENT (CU YD)	WASTE (+) SHORTAGE (-) (CU YD)
ROADWAY PROJECT	2144	1608	274	1334
DETENTION BASIN	25	18	19	-1
TOTAL	2168		293	1333

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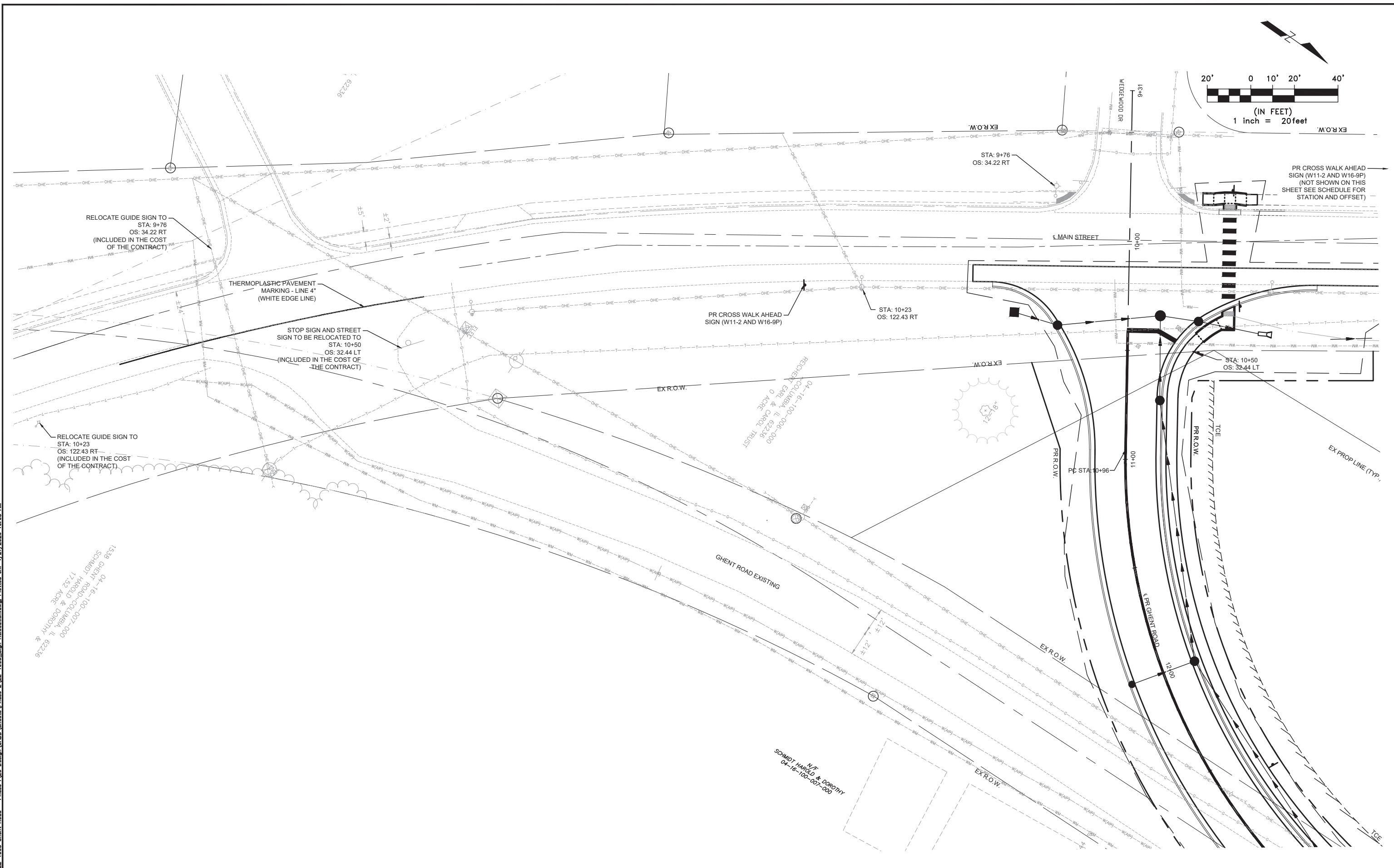
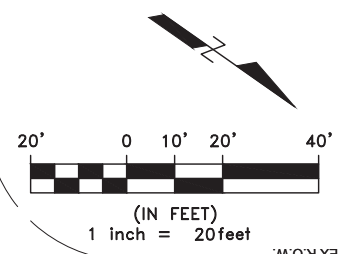
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EX 513.09 FRO 511.43 513.38 511.95 513.64 512.39 513.69 512.76 513.66 513.05 513.61 513.27 513.51 513.41 513.36 513.48 513.23 513.48 512.98 513.40 512.89 513.25 512.40 513.02 511.98 512.72 511.51 512.35 511.04 511.90 510.50 511.38 509.95 510.78 509.36 510.11 508.71 509.37 508.06 508.55 507.29 507.70 506.50 506.85 505.71 506.00 504.88 505.15 504.05 504.30 503.29 503.48	13+00 14+00 15+00 16+00 17+00 18+00	DESIGNED -- JS DRAWN -- JS CHECKED -- TS DATE -- 4/20/2026	REVISED -- REVISED -- REVISED -- REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>ROUTE</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>FAU 9310</td> <td>21-00053-01-PV</td> <td>MONROE</td> <td>41</td> <td>12</td> </tr> </table>	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	FAU 9310	21-00053-01-PV	MONROE	41	12
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.												
FAU 9310	21-00053-01-PV	MONROE	41	12												

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CONTRACT NO. 97866



RELOCATE GUIDE SIGN TO
STA: 9+76
OS: 34.22 RT
(INCLUDED IN THE COST
OF THE CONTRACT)

THERMOPLASTIC PAVEMENT
MARKING - LINE 4"
(WHITE EDGE LINE)

STOP SIGN AND STREET
SIGN TO BE RELOCATED TO
STA: 10+50
OS: 32.44 LT
(INCLUDED IN THE COST OF
THE CONTRACT)

PR CROSS WALK AHEAD
SIGN (W11-2 AND W16-9P)

STA: 10+23
OS: 122.43 RT

STA: 10+50
OS: 32.44 LT

RELOCATE GUIDE SIGN TO
STA: 10+23
OS: 122.43 RT
(INCLUDED IN THE COST
OF THE CONTRACT)

04-16-100-007-000
SCHMIDT HAROLD & DOROTHY
1152 ACRES

04-16-100-006-000
COLUMBIA ILL 62236
O ACRES
SCHMIDT HAROLD & DOROTHY TRUST

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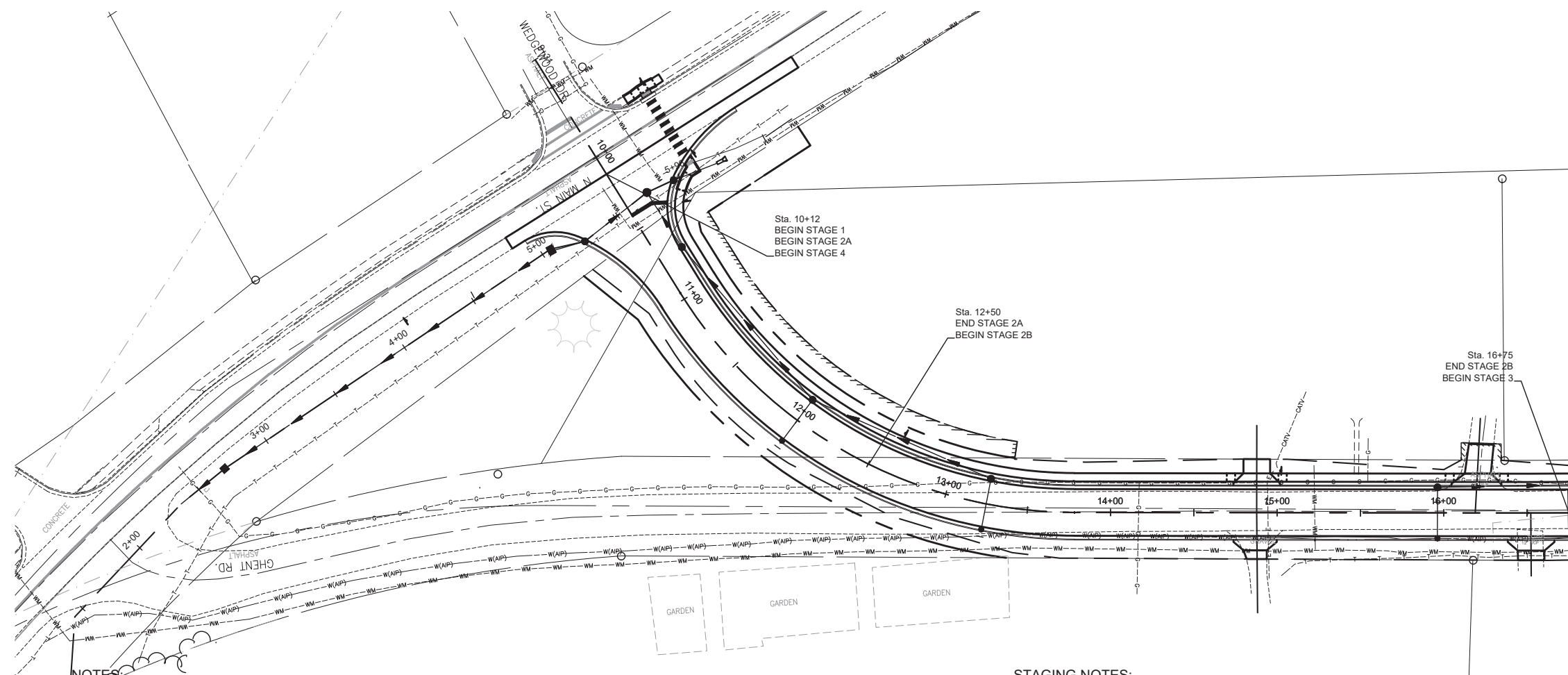
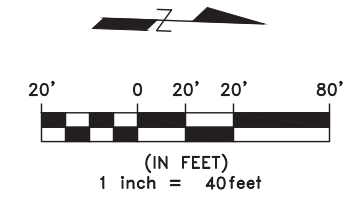
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERSECTION PLAN

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	14
CONTRACT NO. 97866				



NOTES:

1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED ACCORDING TO HIGHWAY STANDARD B.L.R. 22-7.
2. ALL TRAFFIC CONTROL SIGNS, BARRICADES, AND MAINTENANCE TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL)
3. ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGH CONSTRUCTION.
5. TYPE A LOW INTENSITY FLASHING LIGHTS SHALL BE USED ON THE FIRST SIGN IN ADVANCE OF THE WORK SITE AND ON ALL TYPE III BARRICADES DURING HOURS OF DARKNESS.
6. BARRICADES AND SIGNS SHALL BE POSITIONED ACCORDING TO HIGHWAY STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
7. ALL SERVICES AND PROPERTY OWNERS ALONG THE PROJECT SHALL BE NOTIFIED OF THE WORK AT LEAST 48 HOURS PRIOR TO CONSTRUCTION OPERATIONS.
8. THE STAGES OF CONSTRUCTION DESCRIBED MAY BE ADJUSTED WITH THE APPROVAL OF THE ENGINEER TO ACCOMMODATE SCHEDULES AND/OR EXPEDITE CONSTRUCTION. THE CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE ON CONSTRUCTION FOR CONSIDERATION WHICH MAINTAINS COMPARABLE ACCESS. NO ADDITIONAL PAYMENT WILL BE MADE FOR ACCEPTANCE OF AN ALTERNATE SEQUENCE OF CONSTRUCTION.

STAGING NOTES:

- STAGE 1: STA. 10+12 TO STA. 23+12.
1. CONSTRUCT THE PROPOSED STORM SEWER SYSTEM FOR THE LENGTH OF THE PROJECT. ENSURE ONE LANE AT LEAST 10' WIDE IS MAINTAINED FOR ACCESS THROUGHOUT UTILIZING FLAGGERS FOR LOCAL TRAFFIC. USE TRENCH BACKFILL TO FILL STORM SEWER TRENCHES TO THE BOTTOM OF THE PROPOSED PAVEMENT STRUCTURE AND AGGREGATE FOR TEMPORARY ACCESS TO FILL TRENCHES THE REMAINDER OF THE WAY UP TO MATCH THE EXISTING ROADWAY SURFACE.
 2. STORM SEWER CONSTRUCTION SHALL BE CONSTRUCTED WITHOUT ROADWAY CLOSURES. WHEN CONSTRUCTING STORM SEWERS ACROSS THE ROADWAY AND ACROSS ENTRANCES, THE STORM SEWER SHALL BE CONSTRUCTED HALF AT A TIME.
- STAGE 2A: STA. 10+12 TO STA. 12+50.
1. CONSTRUCT CURB AND GUTTER FOR THE LENGTH OF THE STAGE ON BOTH SIDES OF THE ROAD.
 2. CONSTRUCT THE SUBBASE GRANULAR MATERIAL FOR THE PAVEMENT BASE.
 3. PAVE THE BINDER COURSE FOR THE ENTIRE PHASE.
- STAGE 2B: STA. 12+50 TO STA. 16+75
1. CONSTRUCT CURB AND GUTTER FOR THE LENGTH OF THE STAGE ON BOTH SIDES OF THE ROAD. THE CONTRACTOR SHALL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
 2. REMOVE PAVEMENT AND CONSTRUCT THE SUBBASE GRANULAR MATERIAL FOR THE PAVEMENT BASE ONE LANE AT A TIME. ENSURE ONE LANE AT LEAST 10' WIDE IS MAINTAINED FOR ACCESS THROUGHOUT UTILIZING FLAGGERS FOR LOCAL TRAFFIC.
 3. PAVE THE BINDER COURSE FOR THE ENTIRE PHASE ONE LANE AT A TIME. A TEMPORARY RAMP SHALL BE PROVIDED AT STA 16+75.
- STAGE 3: STA. 16+75 TO STA. 23+12
1. CONSTRUCT CURB AND GUTTER AND PAVEMENT WIDENING ON BOTH SIDES OF THE ROAD, LEAVING THE ROADWAY OPEN TO TRAFFIC. THE CONTRACTOR SHALL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
- STAGE 4: STA. 10+12 TO STA. 23+12.
1. CONSTRUCT SIDEWALK FOR THE LENGTH OF THE PROJECT.
 2. COMPLETE SEEDING AND RESTORATION FOR THE ENTIRE LENGTH OF THE PROJECT.

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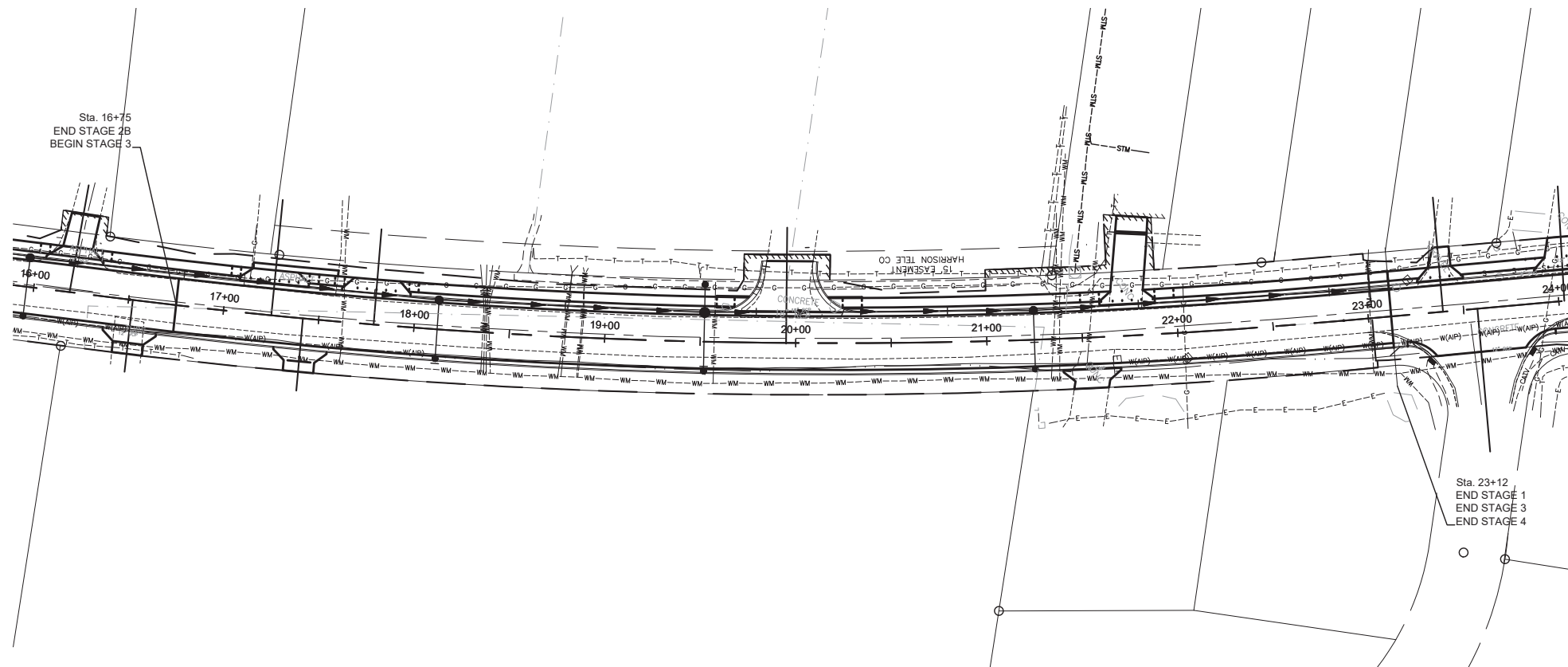
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STATE OF ILLINOIS
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STAGING PLAN

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	15
CONTRACT NO. 97866				



NOTES:

1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED ACCORDING TO HIGHWAY STANDARD B.L.R. 22-7.
2. ALL TRAFFIC CONTROL SIGNS, BARRICADES, AND MAINTENANCE TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL)
3. ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGH CONSTRUCTION.
5. TYPE A LOW INTENSITY FLASHING LIGHTS SHALL BE USED ON THE FIRST SIGN IN ADVANCE OF THE WORK SITE AND ON ALL TYPE III BARRICADES DURING HOURS OF DARKNESS.
6. BARRICADES AND SIGNS SHALL BE POSITIONED ACCORDING TO HIGHWAY STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
7. ALL SERVICES AND PROPERTY OWNERS ALONG THE PROJECT SHALL BE NOTIFIED OF THE WORK AT LEAST 48 HOURS PRIOR TO CONSTRUCTION OPERATIONS.
8. THE STAGES OF CONSTRUCTION DESCRIBED MAY BE ADJUSTED WITH THE APPROVAL OF THE ENGINEER TO ACCOMMODATE SCHEDULES AND/OR EXPEDITE CONSTRUCTION. THE CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE ON CONSTRUCTION FOR CONSIDERATION WHICH MAINTAINS COMPARABLE ACCESS. NO ADDITIONAL PAYMENT WILL BE MADE FOR ACCEPTANCE OF AN ALTERNATE SEQUENCE OF CONSTRUCTION.

STAGING NOTES:

STAGE 1: STA. 10+12 TO STA. 23+12.

1. CONSTRUCT THE PROPOSED STORM SEWER SYSTEM FOR THE LENGTH OF THE PROJECT. ENSURE ONE LANE AT LEAST 10' WIDE IS MAINTAINED FOR ACCESS THROUGHOUT UTILIZING FLAGGERS FOR LOCAL TRAFFIC. USE TRENCH BACKFILL TO FILL STORM SEWER TRENCHES TO THE BOTTOM OF THE PROPOSED PAVEMENT STRUCTURE AND AGGREGATE FOR TEMPORARY ACCESS TO FILL TRENCHES THE REMAINDER OF THE WAY UP TO MATCH THE EXISTING ROADWAY SURFACE.
2. STORM SEWER CONSTRUCTION SHALL BE CONSTRUCTED WITHOUT ROADWAY CLOSURES. WHEN CONSTRUCTING STORM SEWERS ACROSS THE ROADWAY AND ACROSS ENTRANCES, THE STORM SEWER SHALL BE CONSTRUCTED HALF AT A TIME.

STAGE 2A: STA. 10+12 TO STA. 12+50.

1. CONSTRUCT CURB AND GUTTER FOR THE LENGTH OF THE STAGE ON BOTH SIDES OF THE ROAD.
2. CONSTRUCT THE SUBBASE GRANULAR MATERIAL FOR THE PAVEMENT BASE.
3. PAVE THE BINDER COURSE FOR THE ENTIRE PHASE.

STAGE 2B: STA. 12+50 TO STA. 16+75

1. CONSTRUCT CURB AND GUTTER FOR THE LENGTH OF THE STAGE ON BOTH SIDES OF THE ROAD. THE CONTRACTOR SHALL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
2. REMOVE PAVEMENT AND CONSTRUCT THE SUBBASE GRANULAR MATERIAL FOR THE PAVEMENT BASE ONE LANE AT A TIME. ENSURE ONE LANE AT LEAST 10' WIDE IS MAINTAINED FOR ACCESS THROUGHOUT UTILIZING FLAGGERS FOR LOCAL TRAFFIC.
3. PAVE THE BINDER COURSE FOR THE ENTIRE PHASE ONE LANE AT A TIME. A TEMPORARY RAMP SHALL BE PROVIDED AT STA 16+75.

STAGE 3: STA. 16+75 TO STA. 23+12

1. CONSTRUCT CURB AND GUTTER AND PAVEMENT WIDENING ON BOTH SIDES OF THE ROAD, LEAVING THE ROADWAY OPEN TO TRAFFIC. THE CONTRACTOR SHALL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.

STAGE 4: STA. 10+12 TO STA. 23+12.

1. CONSTRUCT SIDEWALK FOR THE LENGTH OF THE PROJECT.
2. COMPLETE SEEDING AND RESTORATION FOR THE ENTIRE LENGTH OF THE PROJECT.

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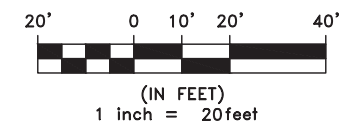
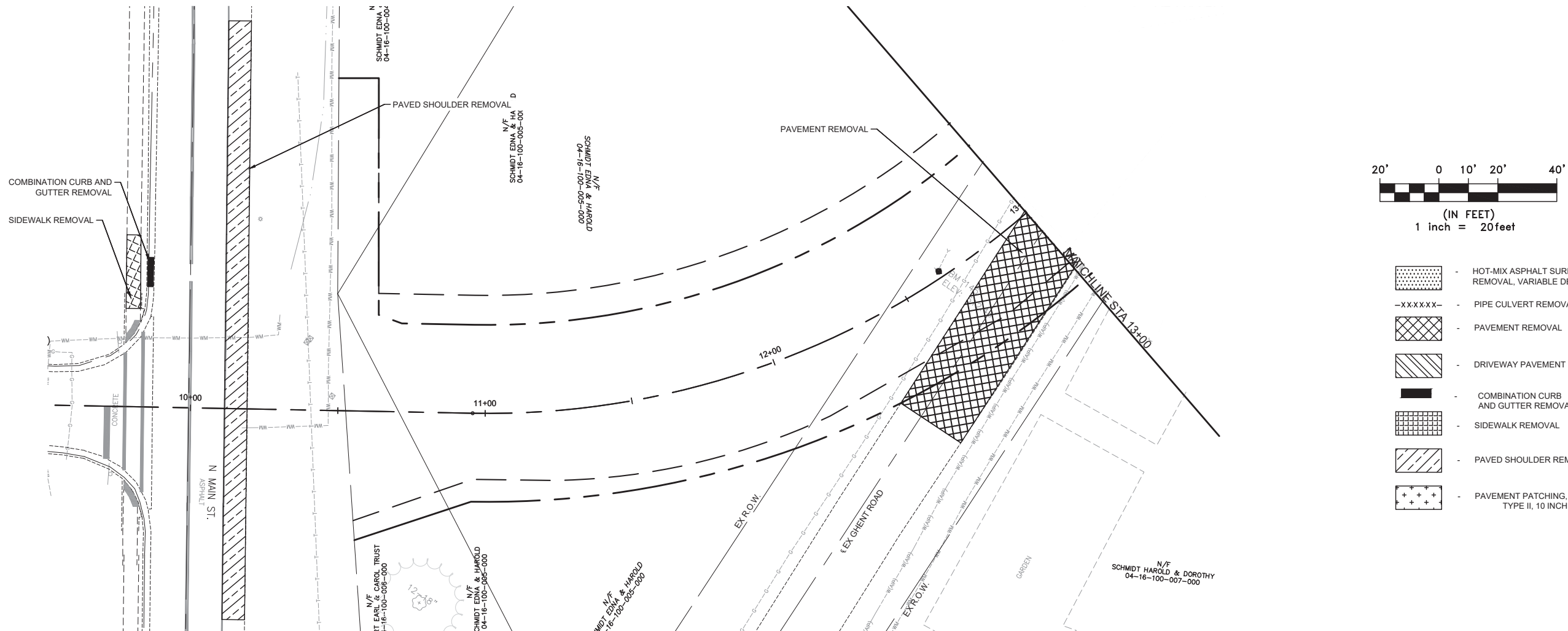
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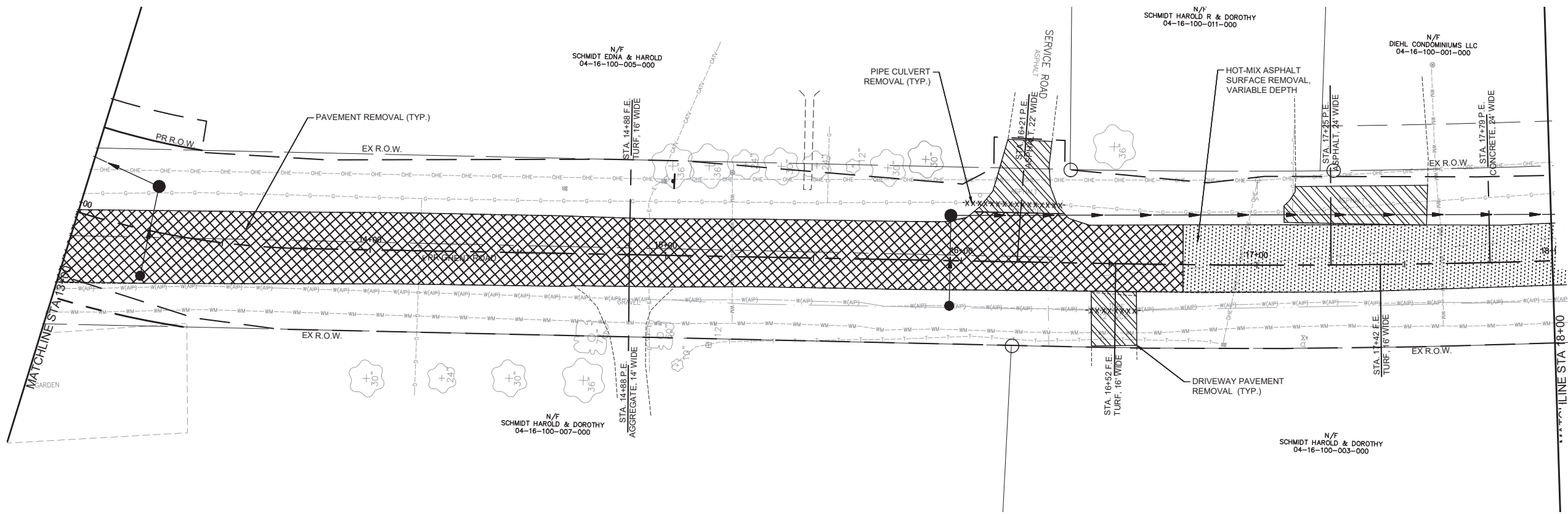
STAGING PLAN

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	16
CONTRACT NO. 97866				

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- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- PIPE CULVERT REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT PATCHING, TYPE II, 10 INCH



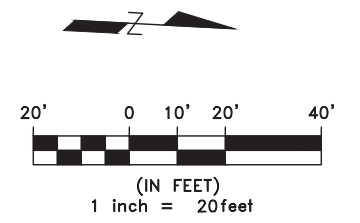
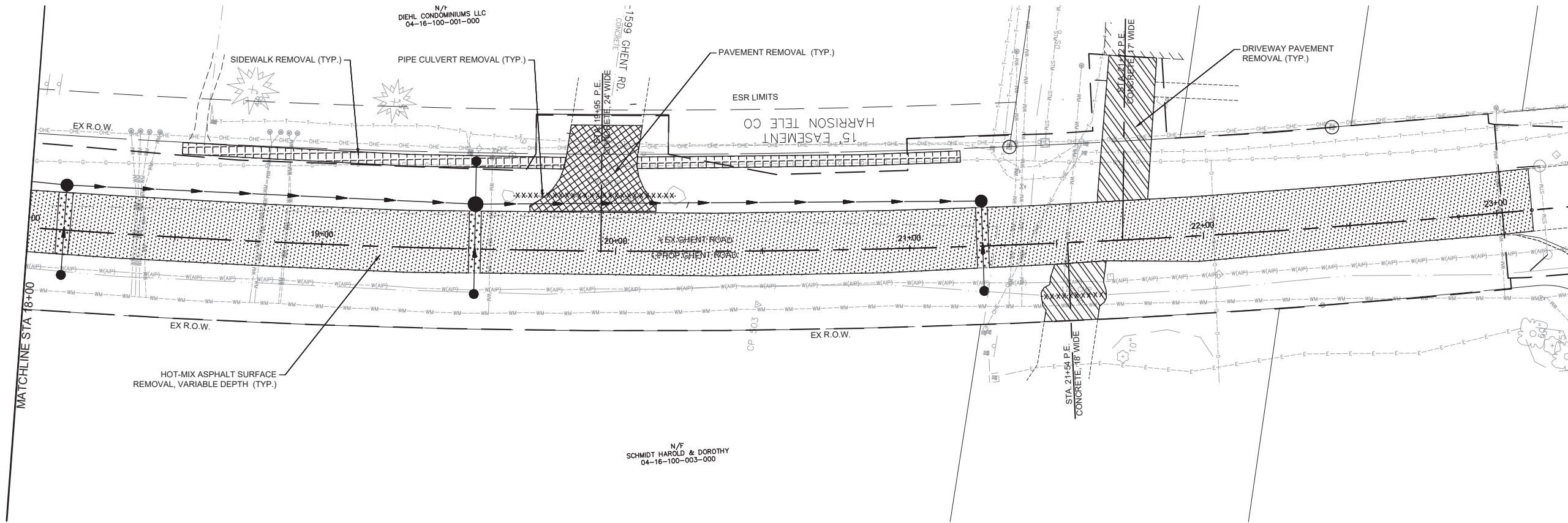
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REMOVALS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	17
CONTRACT NO. 97866				



- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- PIPE CULVERT REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT PATCHING, TYPE II, 10 INCH

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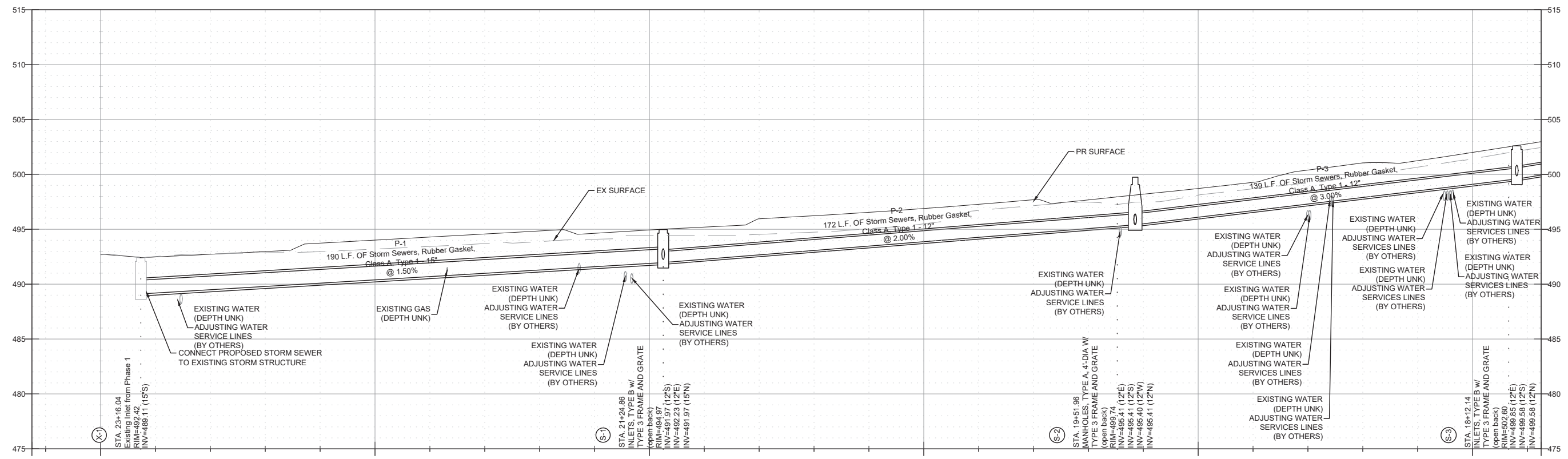
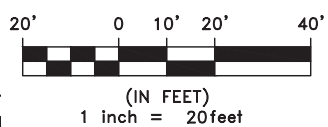
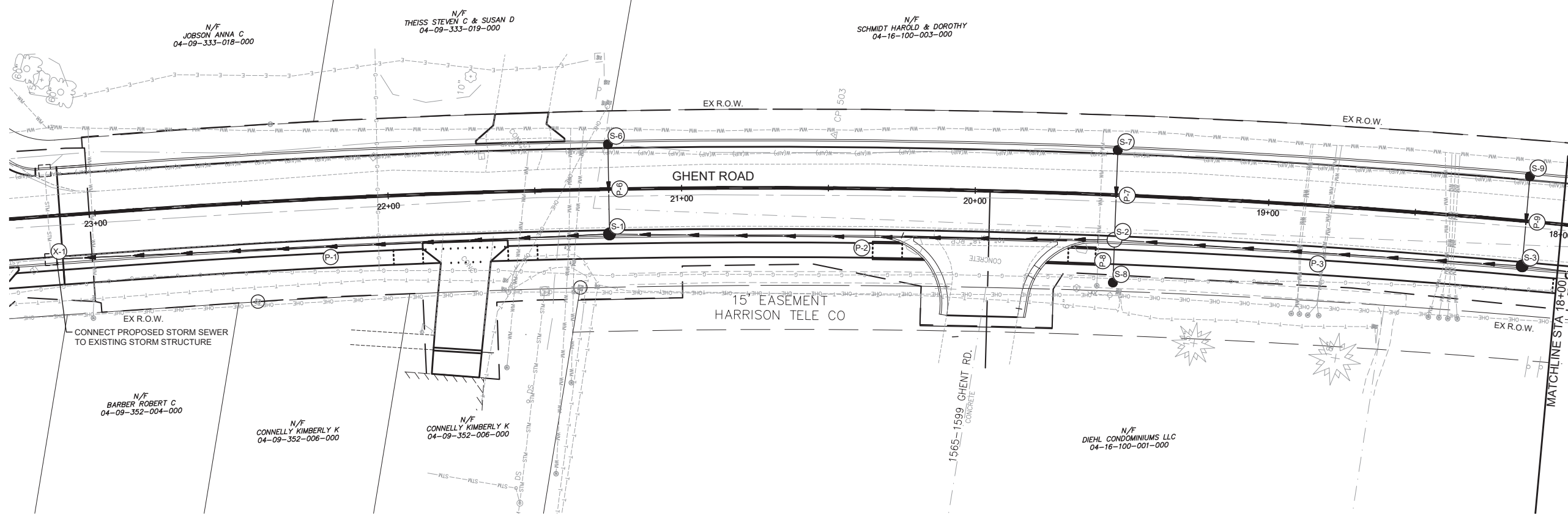
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REMOVALS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	18
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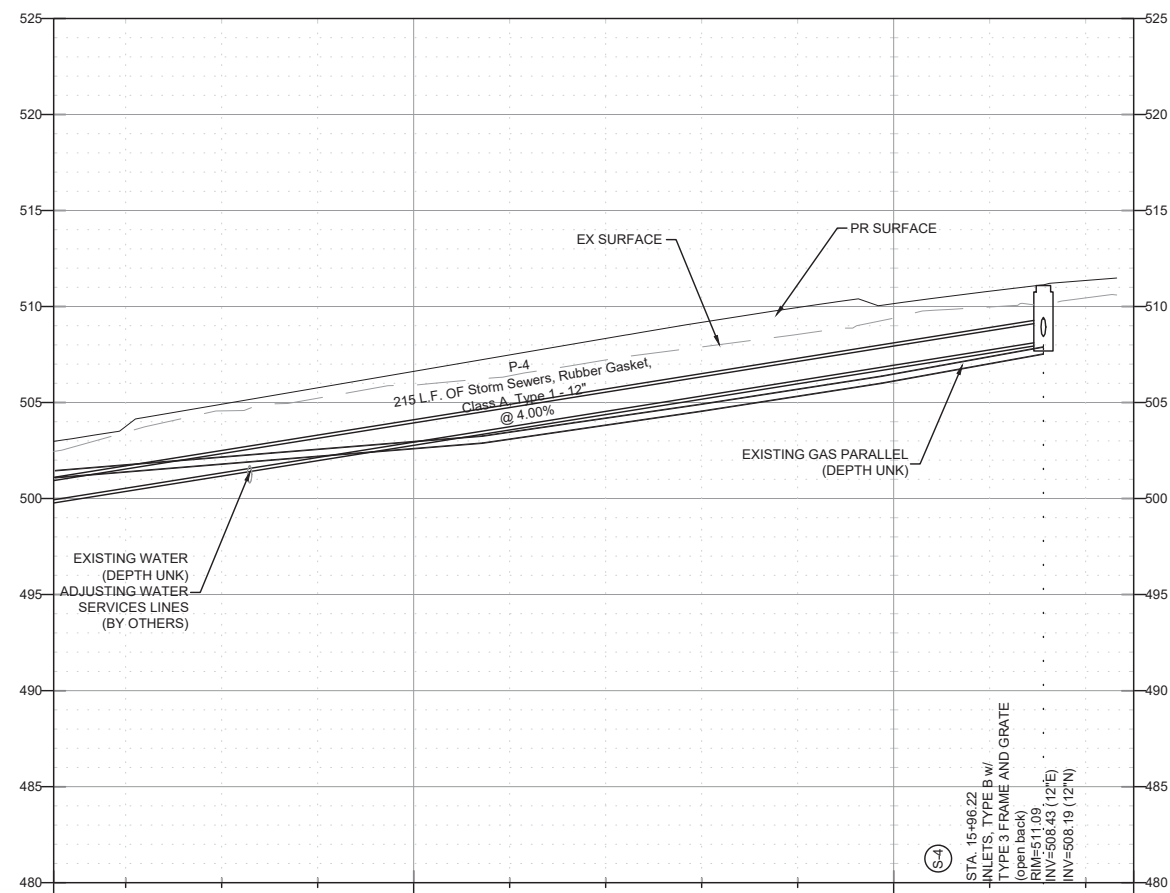
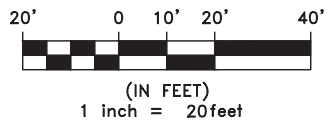
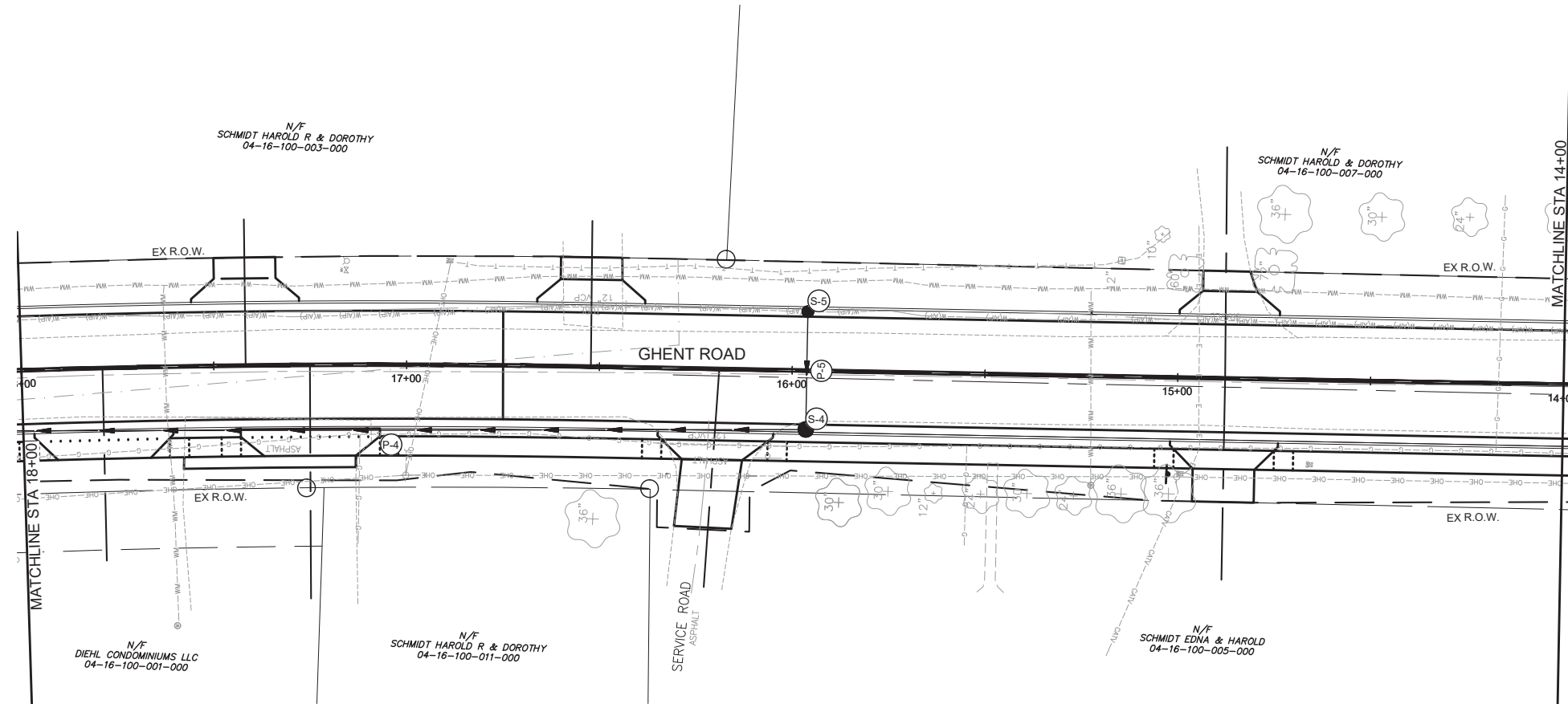
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STORM SEWER PROFILE

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	19
CONTRACT NO. 97866				



STA. 15+08.22
 INLETS TYPE B W/
 TYPE 3 FRAME AND GRATE
 (open back)
 RM=511.09
 INV=508.43 (12"E)
 INV=508.19 (12"N)

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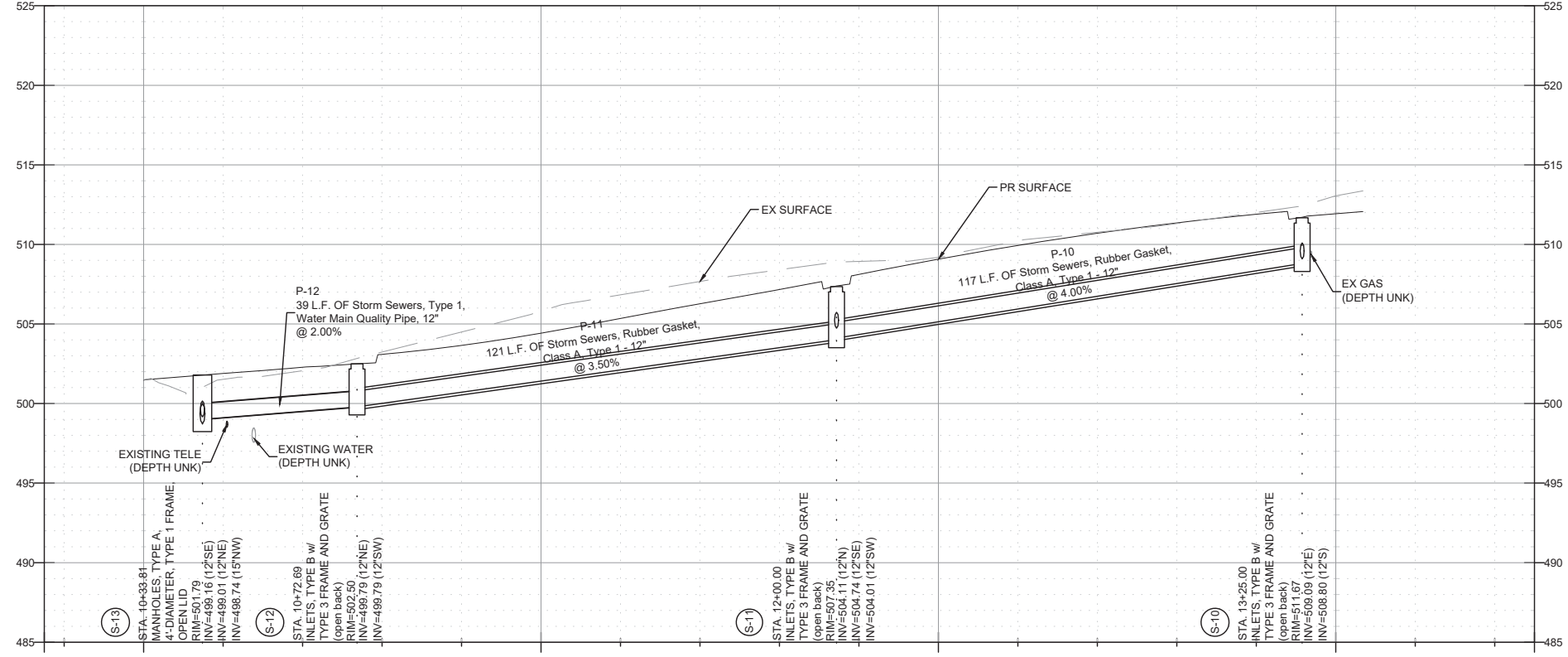
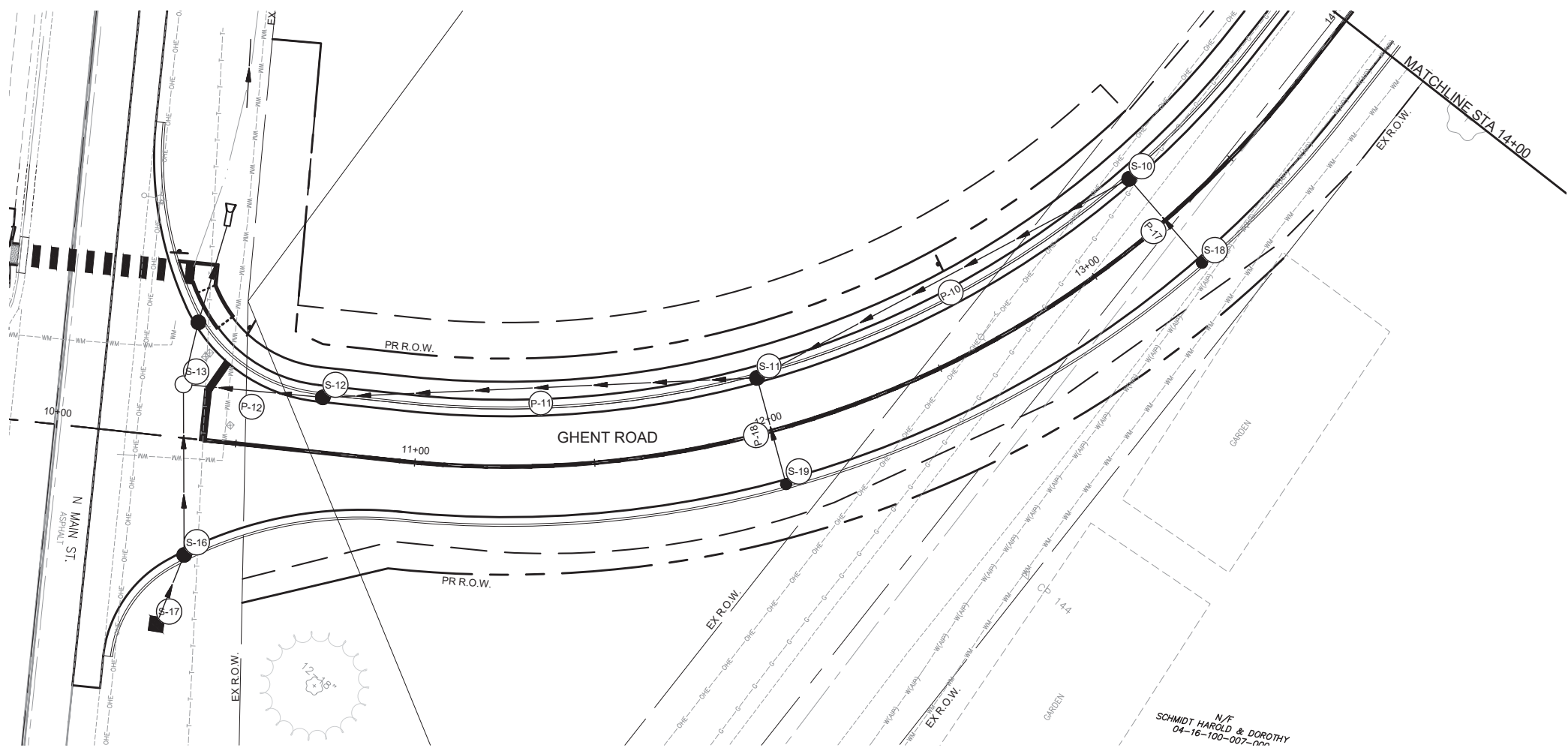
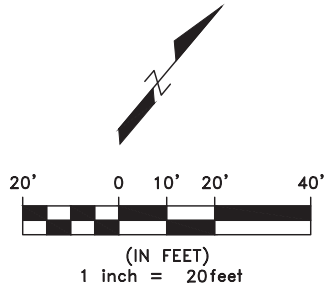
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STORM SEWER PROFILE

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	20
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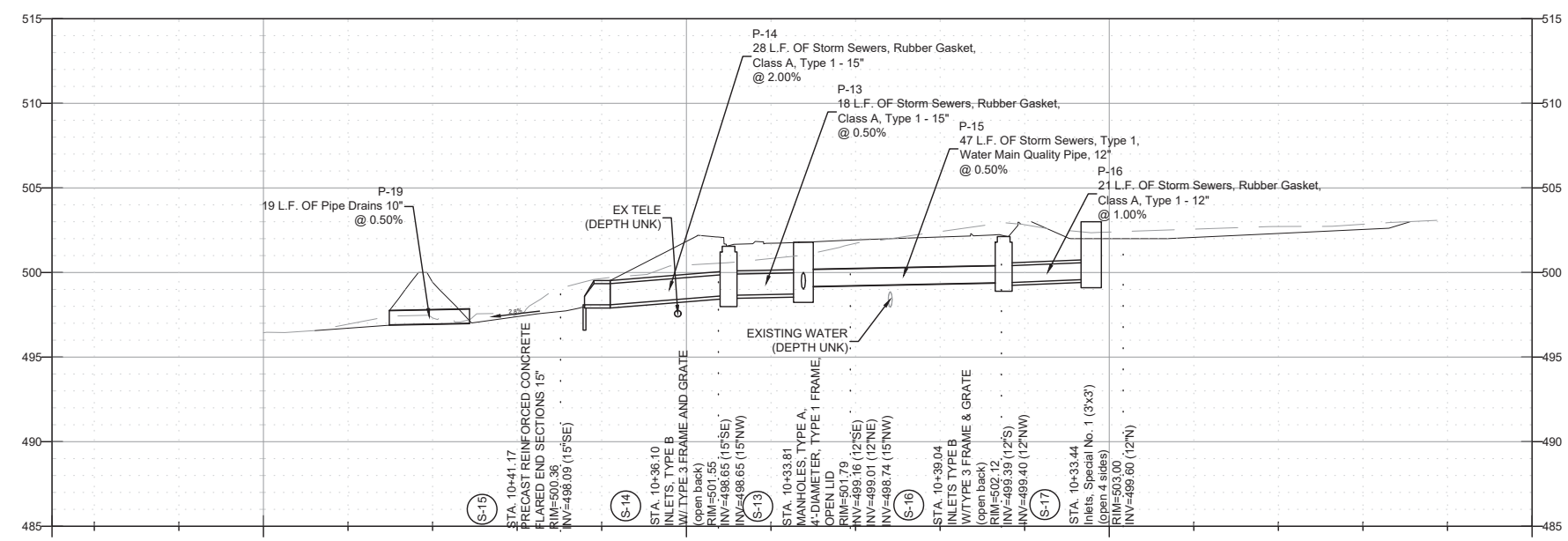
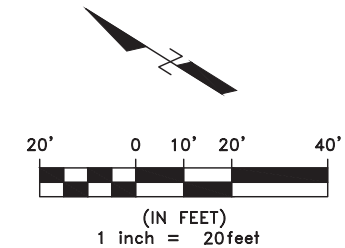
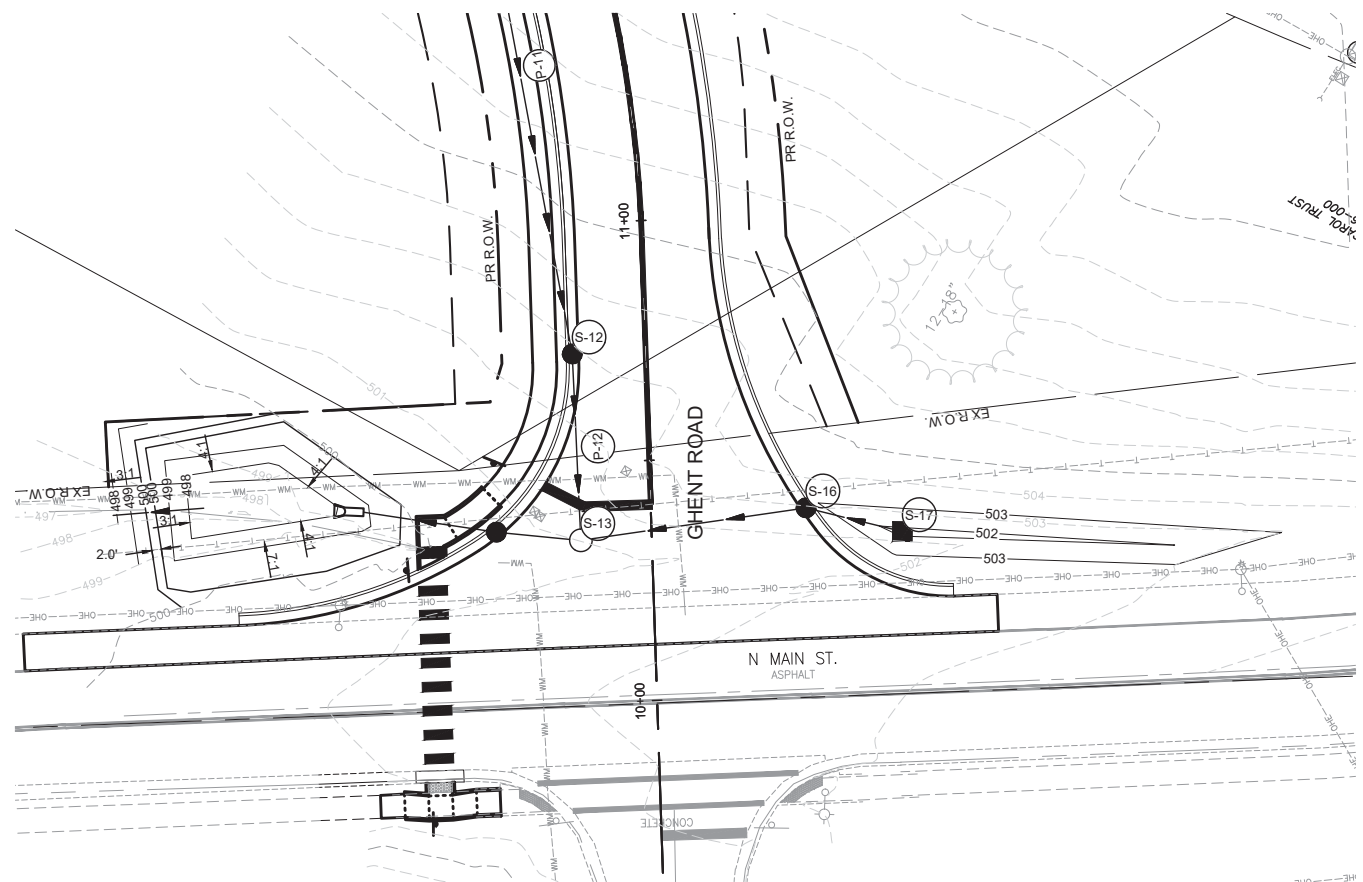
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STORM SEWER PROFILE

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	21
CONTRACT NO. 97866				



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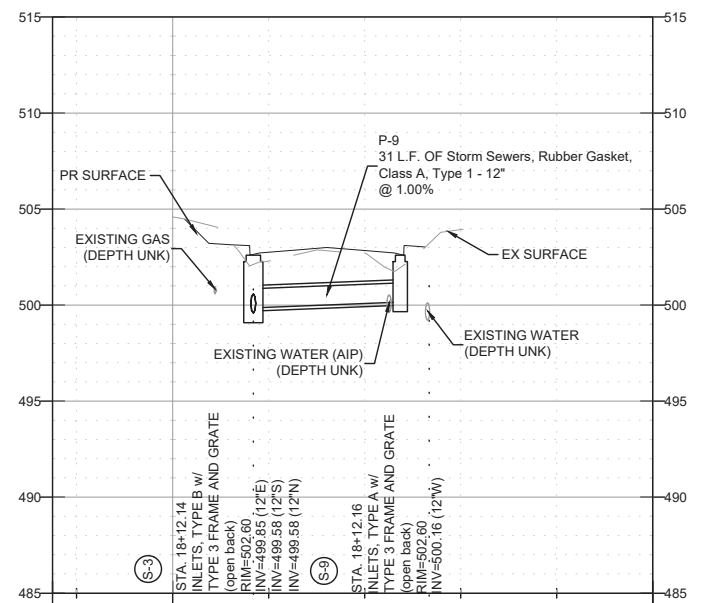
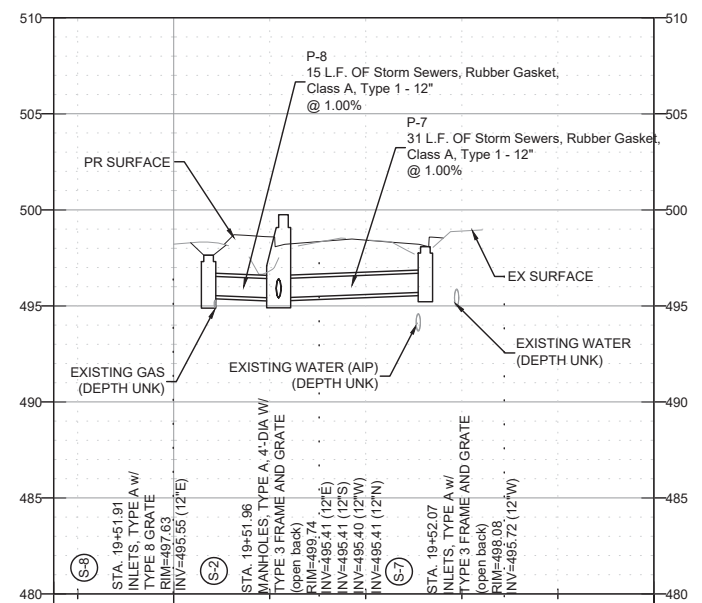
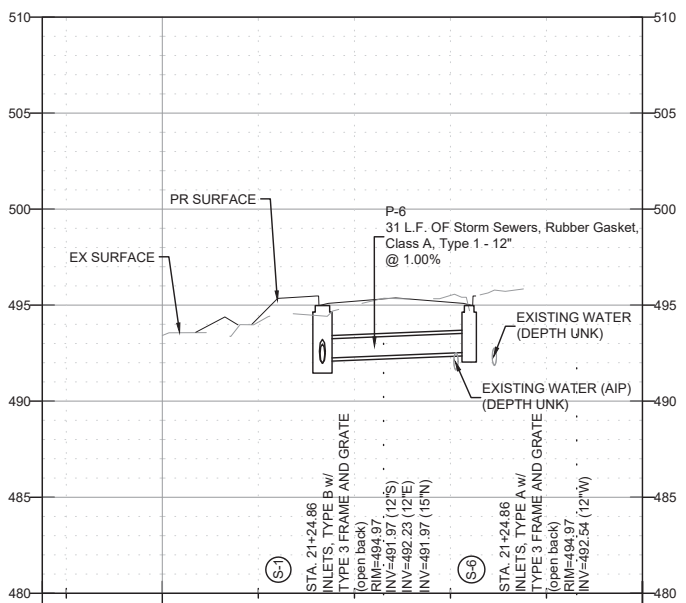
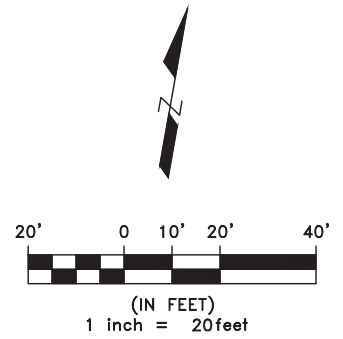
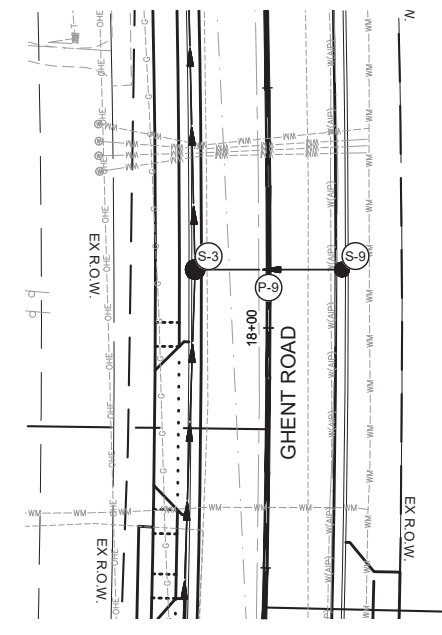
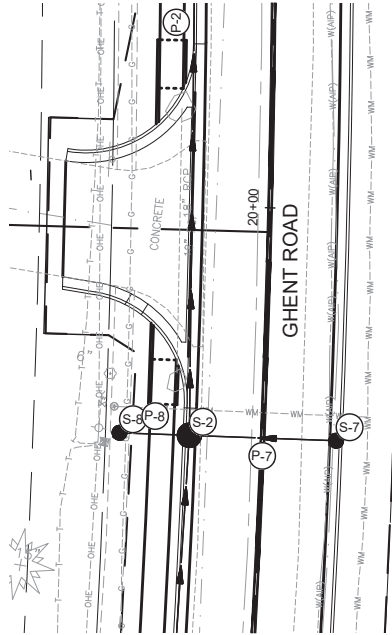
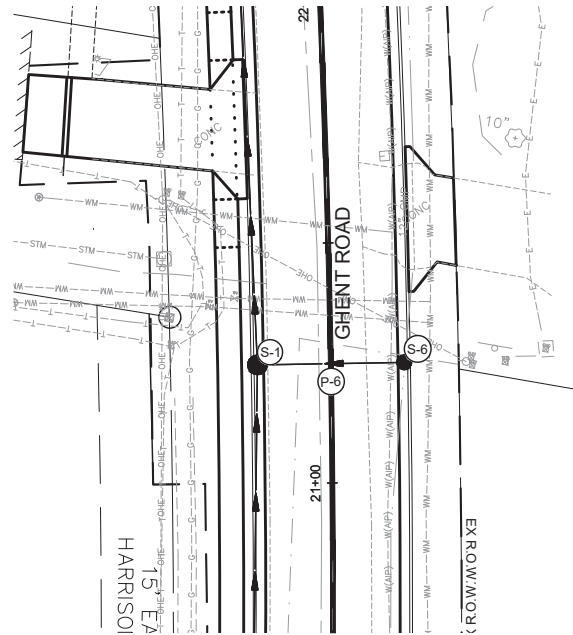
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STORM SEWER PROFILE

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	22
CONTRACT NO. 97866				

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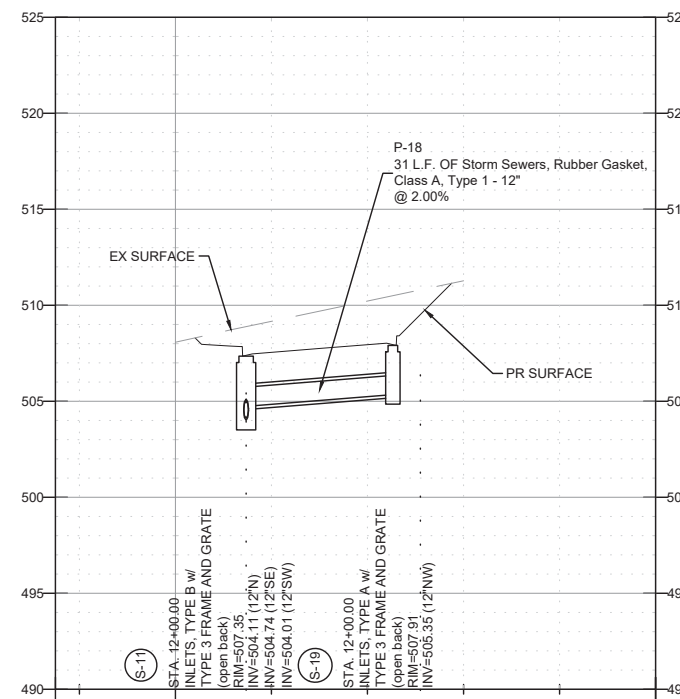
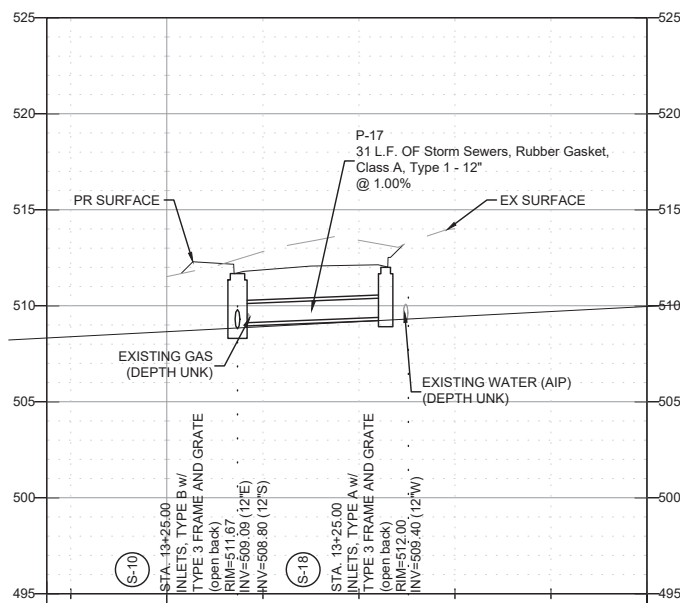
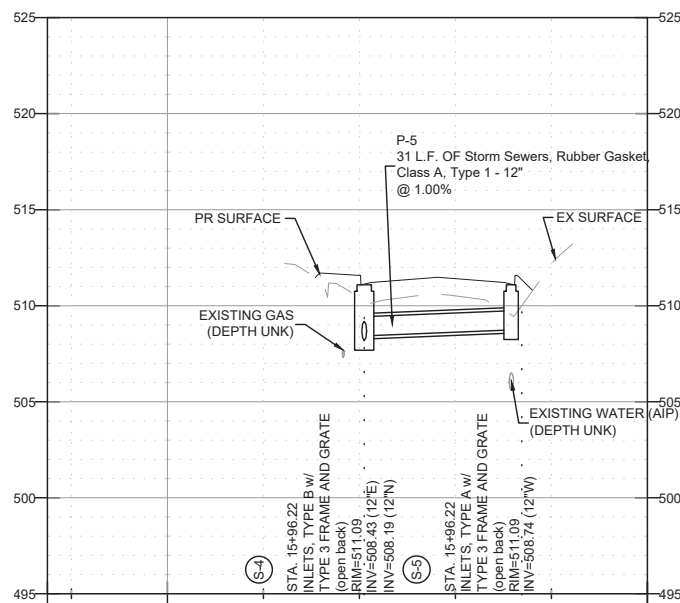
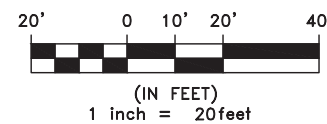
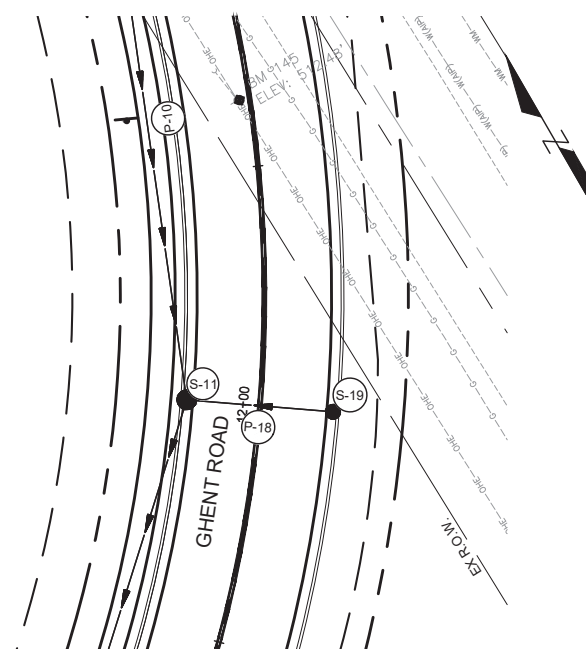
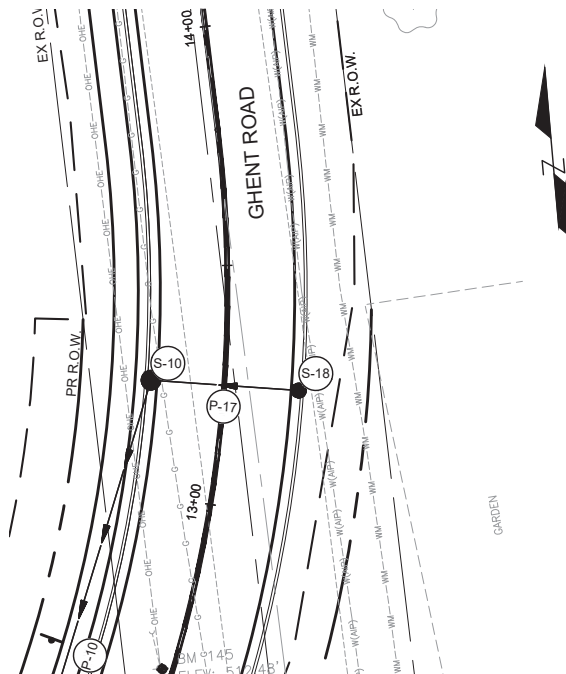
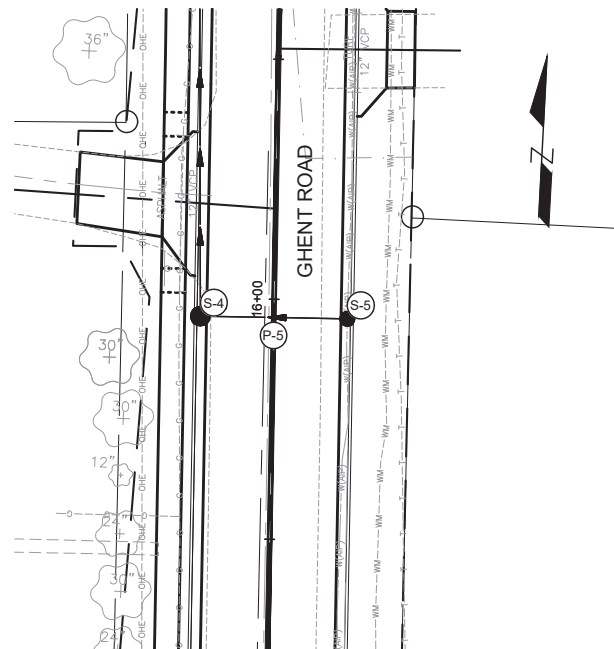
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STORM SEWER PROFILE

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	23
CONTRACT NO. 97866				



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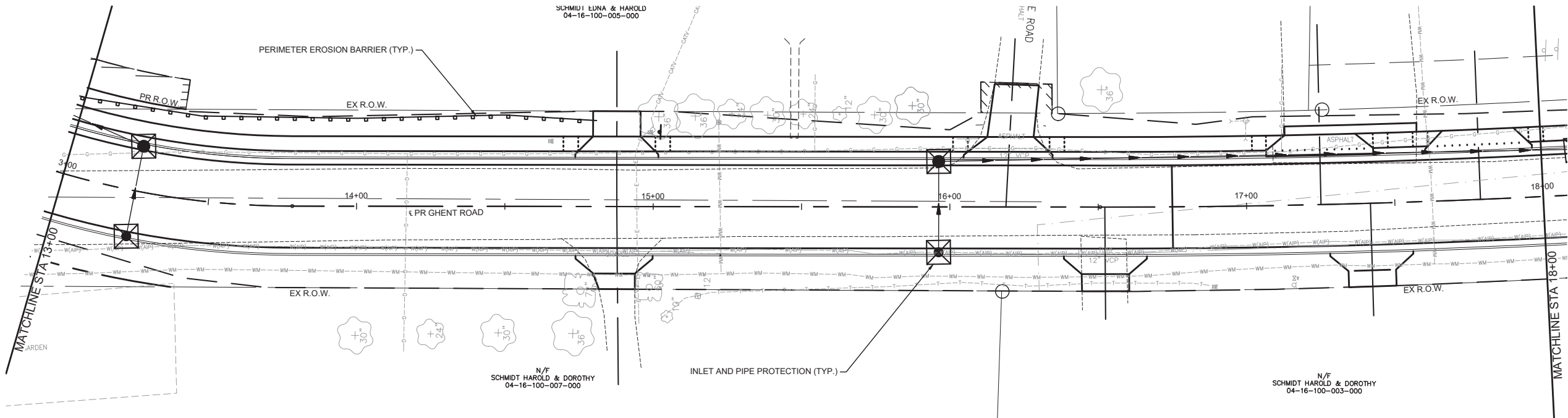
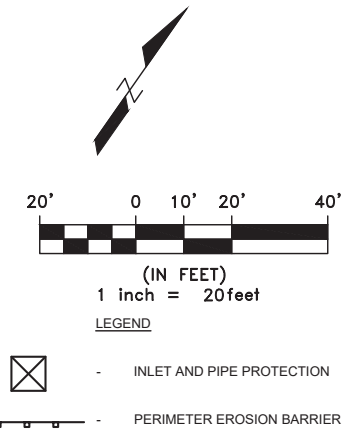
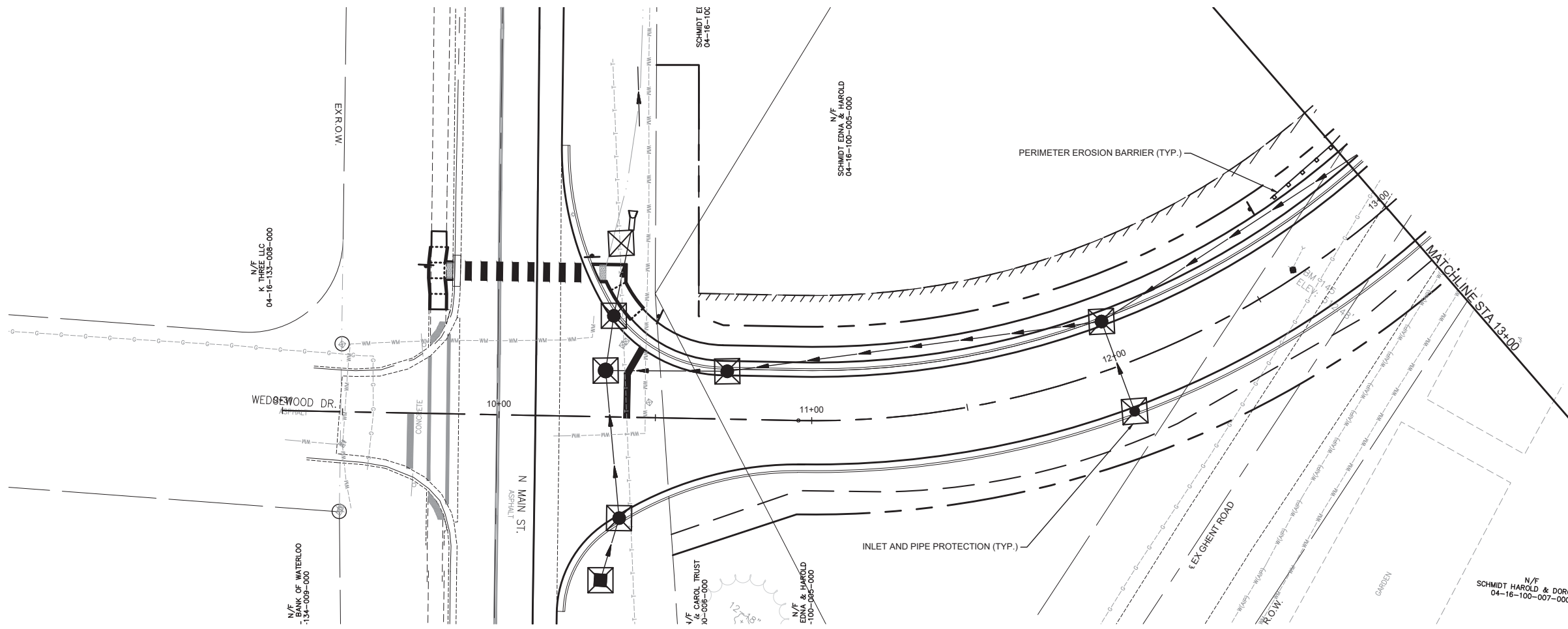
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STORM SEWER PROFILE

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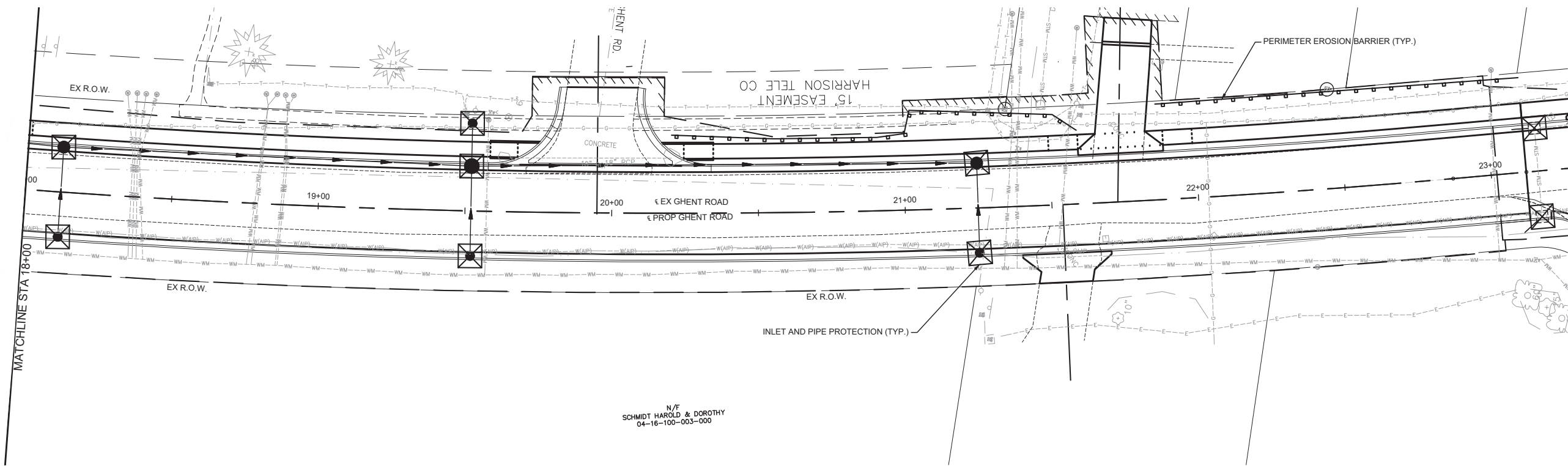
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 DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	25
CONTRACT NO. 97866				



N

20' 0 10' 20' 40'

(IN FEET)
1 inch = 20feet

LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER

N/F
SCHMIDT HAROLD & DOROTHY
04-16-100-003-000

I:\Projects\2022\22-1003 Ghent Road - Phase 2\20 Design\CADD\Sheets\Phase 2\22-1003-2 Erosion Control Plan.dwg, Plotted on: 4/21/2026 10:14 AM

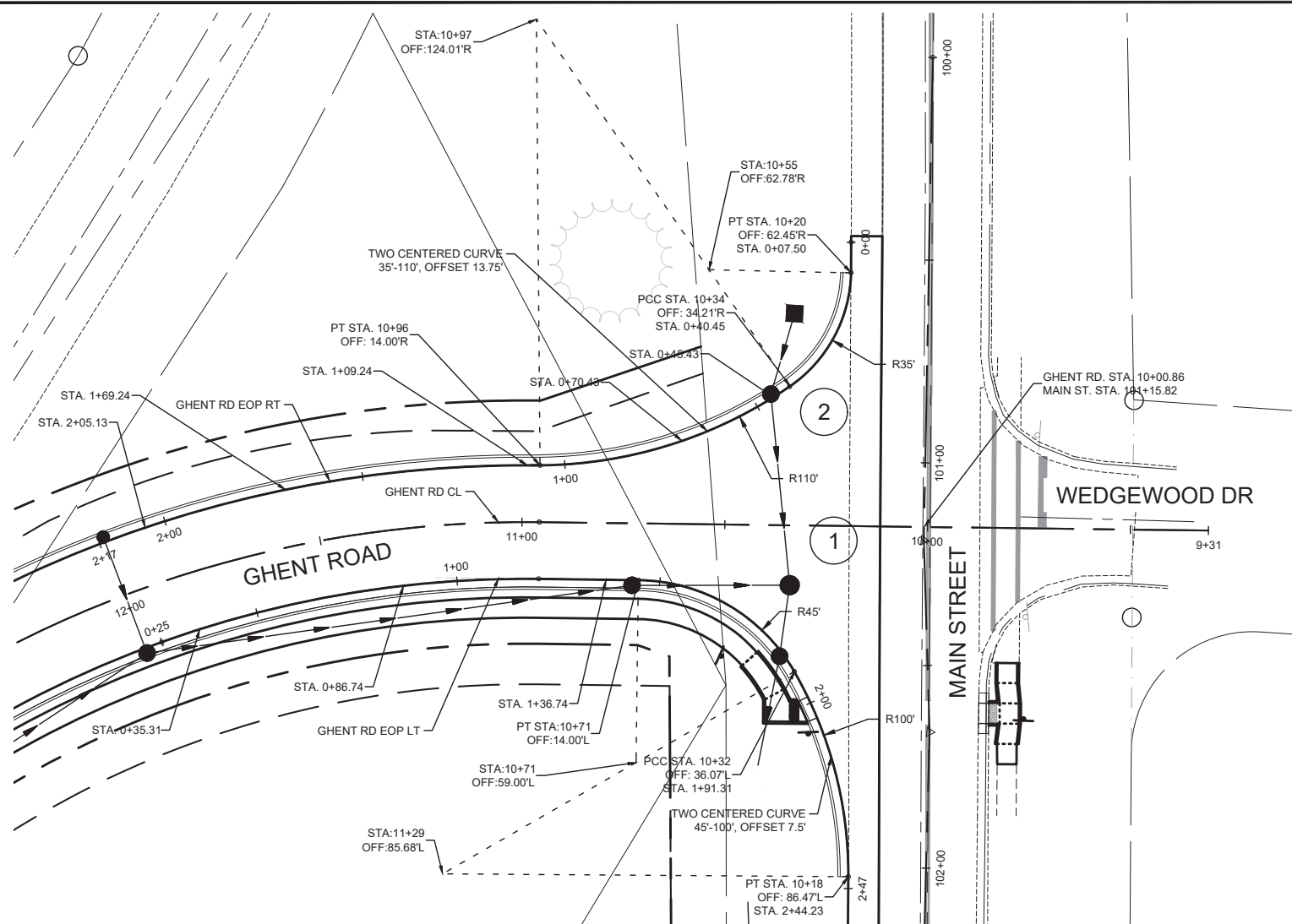
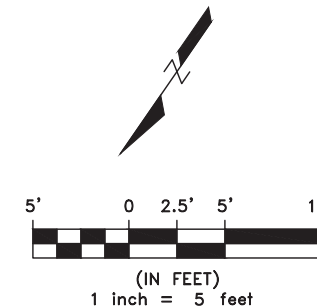
gonzalez
 GONZALEZ COMPANIES, LLC
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 BELLEVILLE, IL 62220
 PHONE (618-222-2221)
 www.gonzalezcos.com
 ILLINOIS PROFESSIONAL DESIGN FIRM 184.004564

DESIGNED	-- JS	REVISED	--
DRAWN	-- JS	REVISED	--
CHECKED	-- TS	REVISED	--
DATE	-- 4/20/2026	REVISED	--

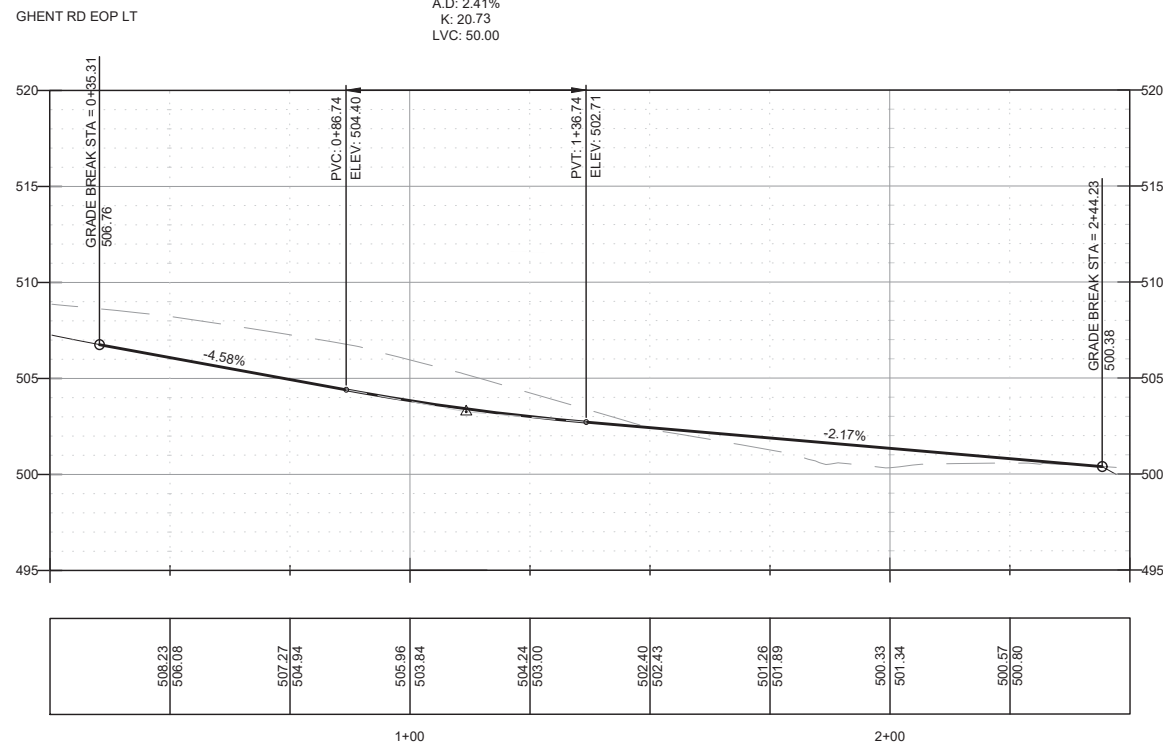
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

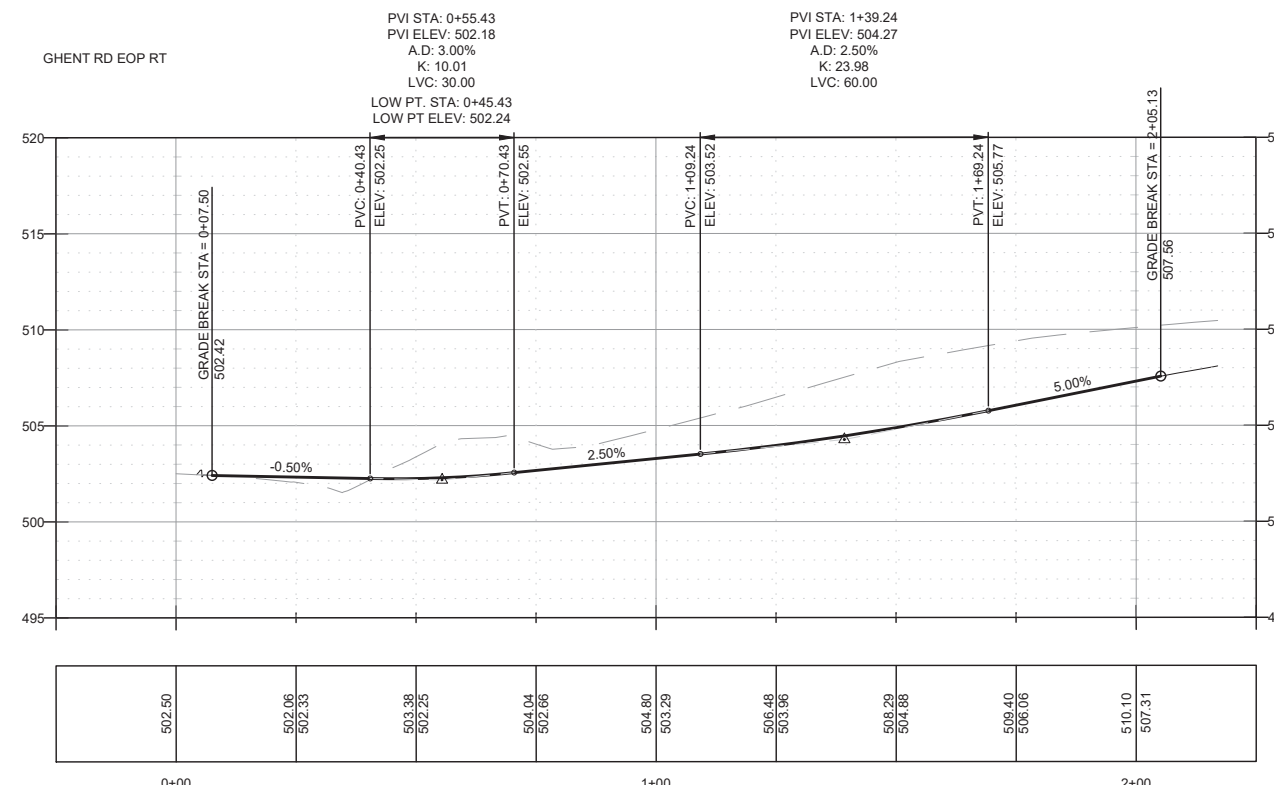
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	26
CONTRACT NO. 97866				



1



2



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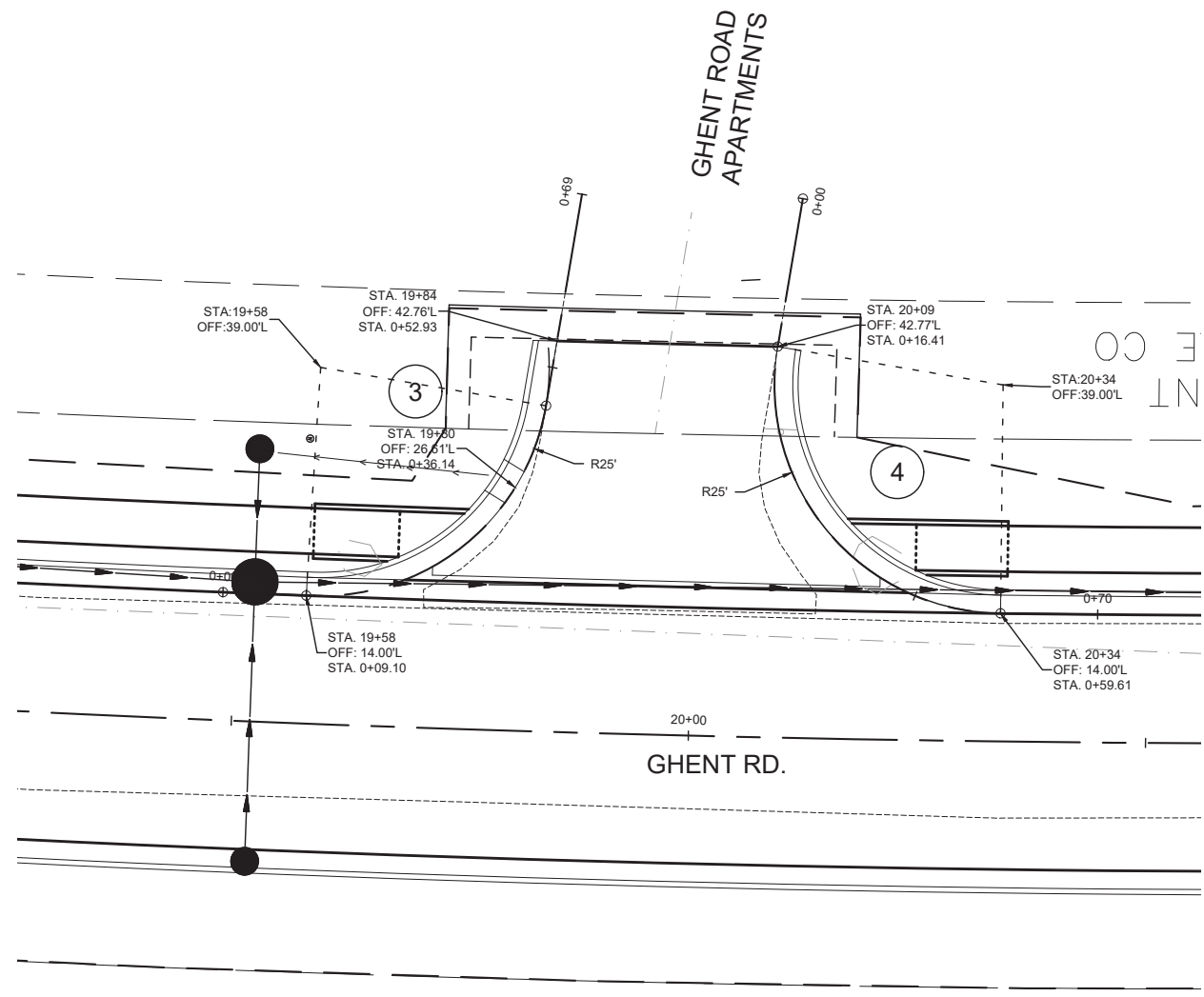
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DRAWN	— JS	REVISED	—
CHECKED	— TS	REVISED	—
DATE	— 4/20/2026	REVISED	—

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

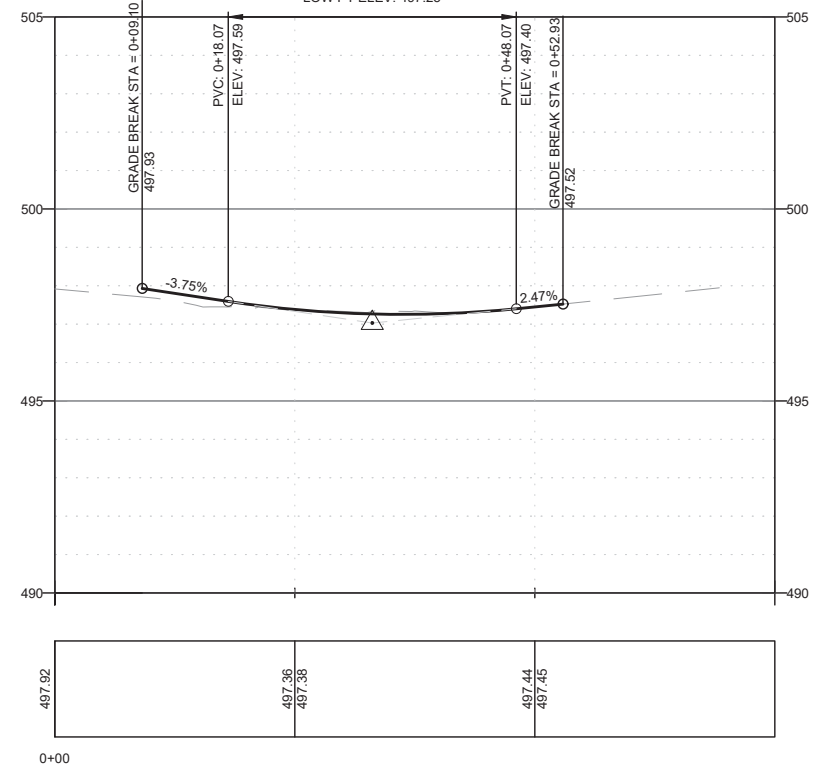
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	27
CONTRACT NO. 97866				

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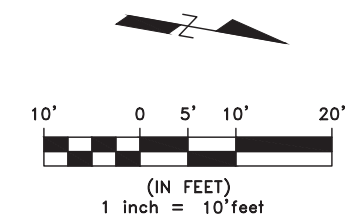
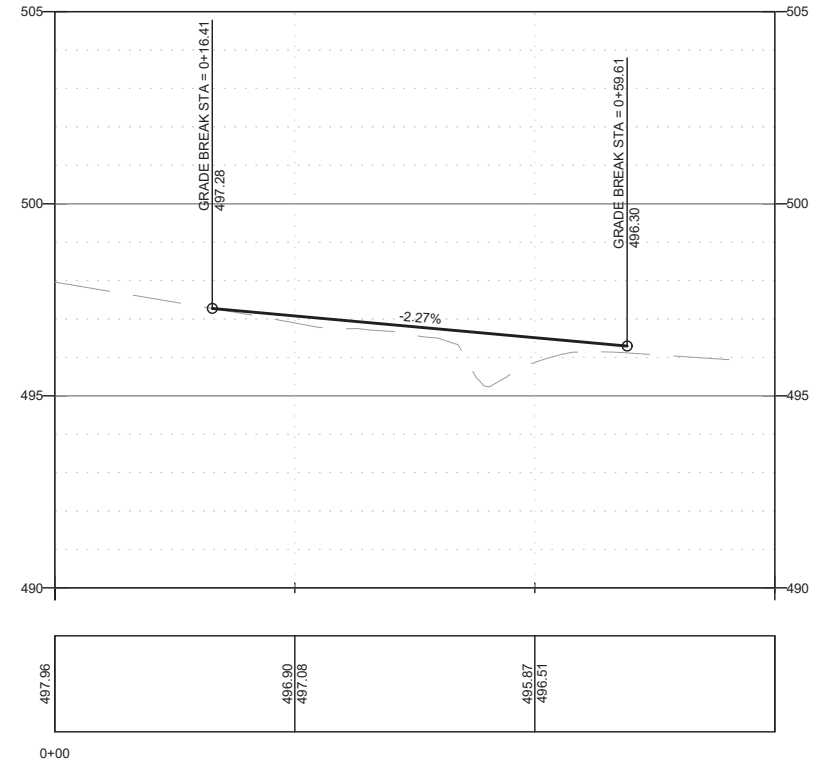
3

EOP SOUTH
 PVI STA: 0+33.07
 PVI ELEV: 497.03
 A.D: 6.22%
 K: 4.82
 LVC: 30.00
 LOW PT. STA: 0+36.14
 LOW PT ELEV: 497.25



4

EOP NORTH



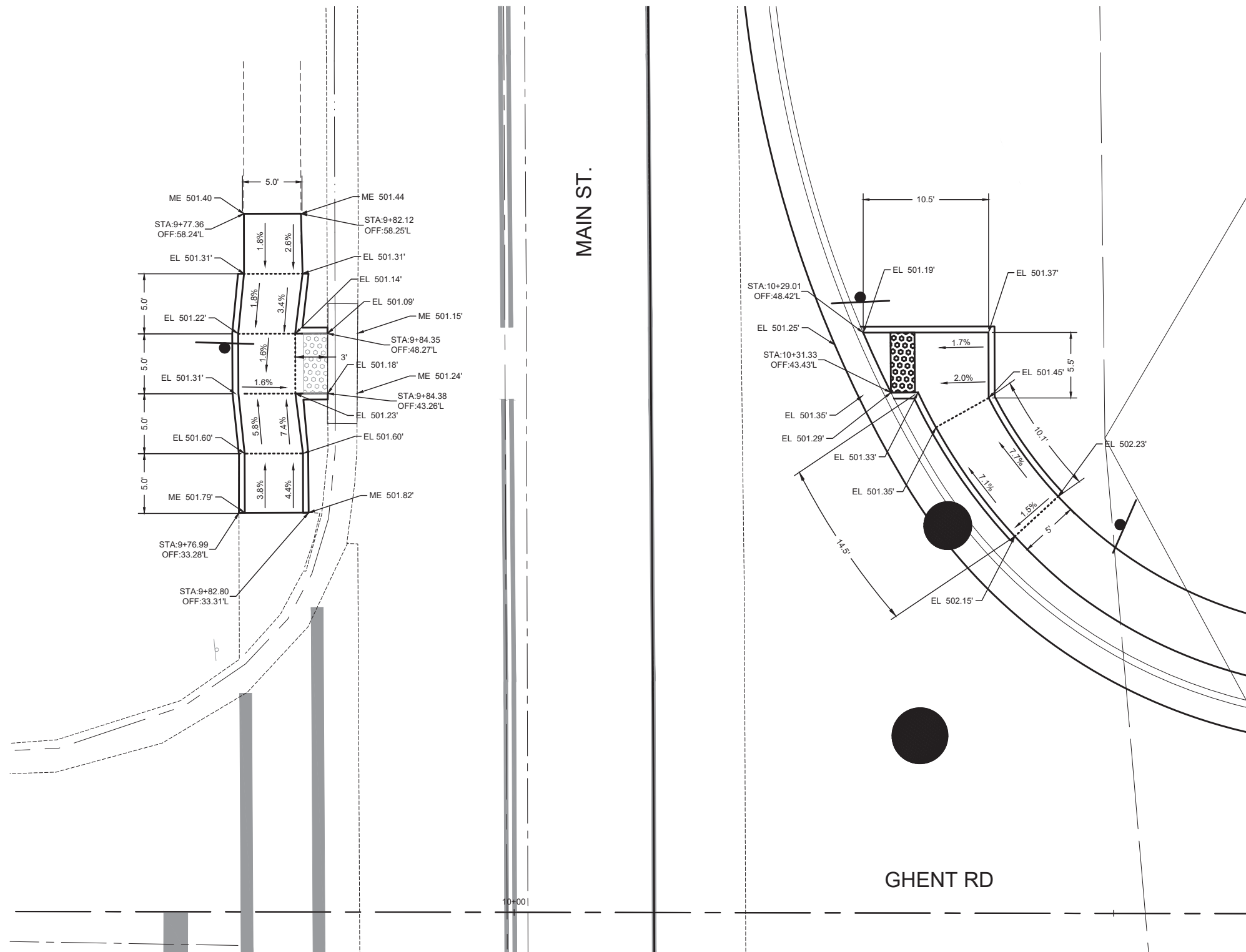
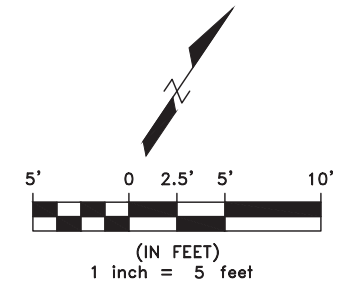
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CHECKED	— TS	REVISED	—
DATE	— 4/20/2026	REVISED	—

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	28
CONTRACT NO. 97866				



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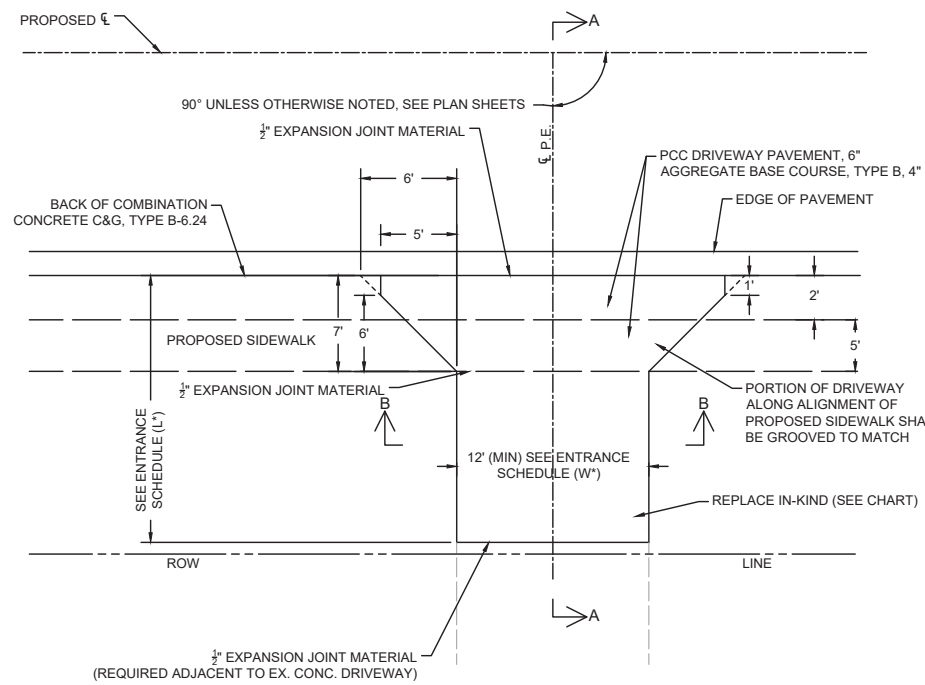
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DRAWN	— JS	REVISED	—
CHECKED	— TS	REVISED	—
DATE	— 4/20/2026	REVISED	—

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

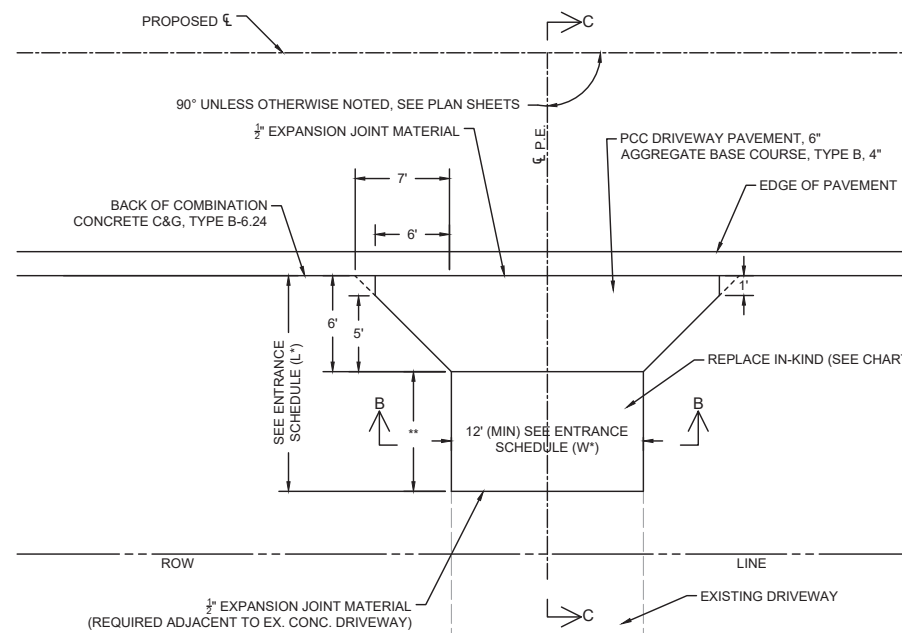
SIDEWALK DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	29
CONTRACT NO. 97866				



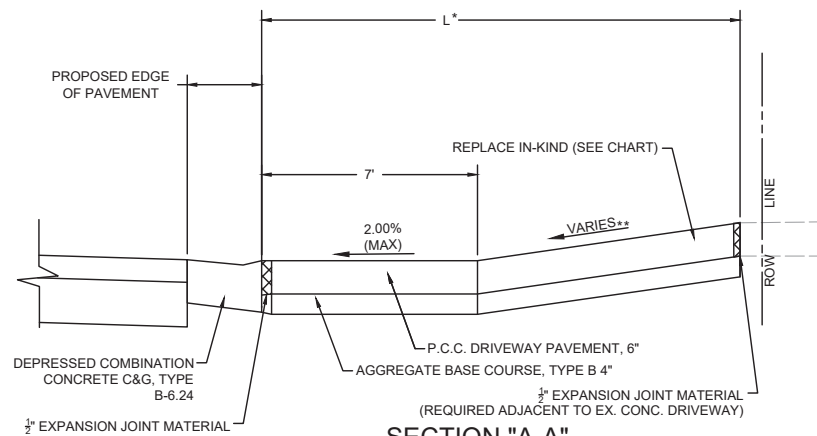
P.E. DETAIL "A"

PRIVATE ENTRANCE WITH PROPOSED SIDEWALK
 * SEE ENTRANCE SCHEDULE FOR DISTANCES



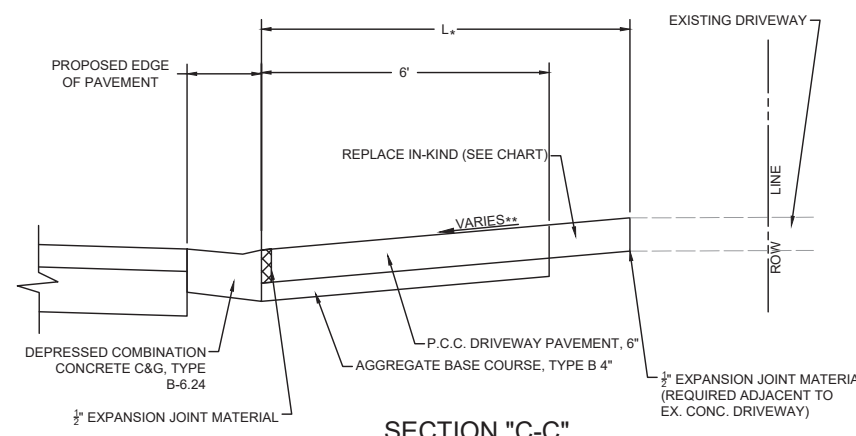
P.E. DETAIL "B"

PRIVATE ENTRANCE WITHOUT EXISTING/PROPOSED SIDEWALK
 * SEE ENTRANCE SCHEDULE FOR DISTANCES
 ** DISTANCE MAY VARY DEPENDING ON NEED FOR POSITIVE DRAINAGE OR STEEPNESS OF SLOPES



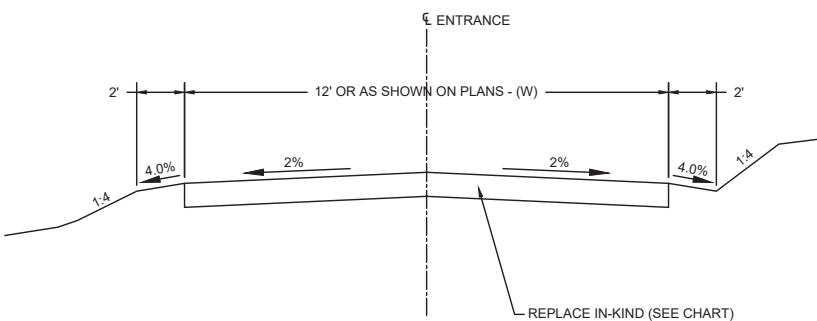
SECTION "A-A"

* SEE ENTRANCE SCHEDULE FOR DISTANCES
 ** SEE CROSS SECTIONS FOR SLOPES



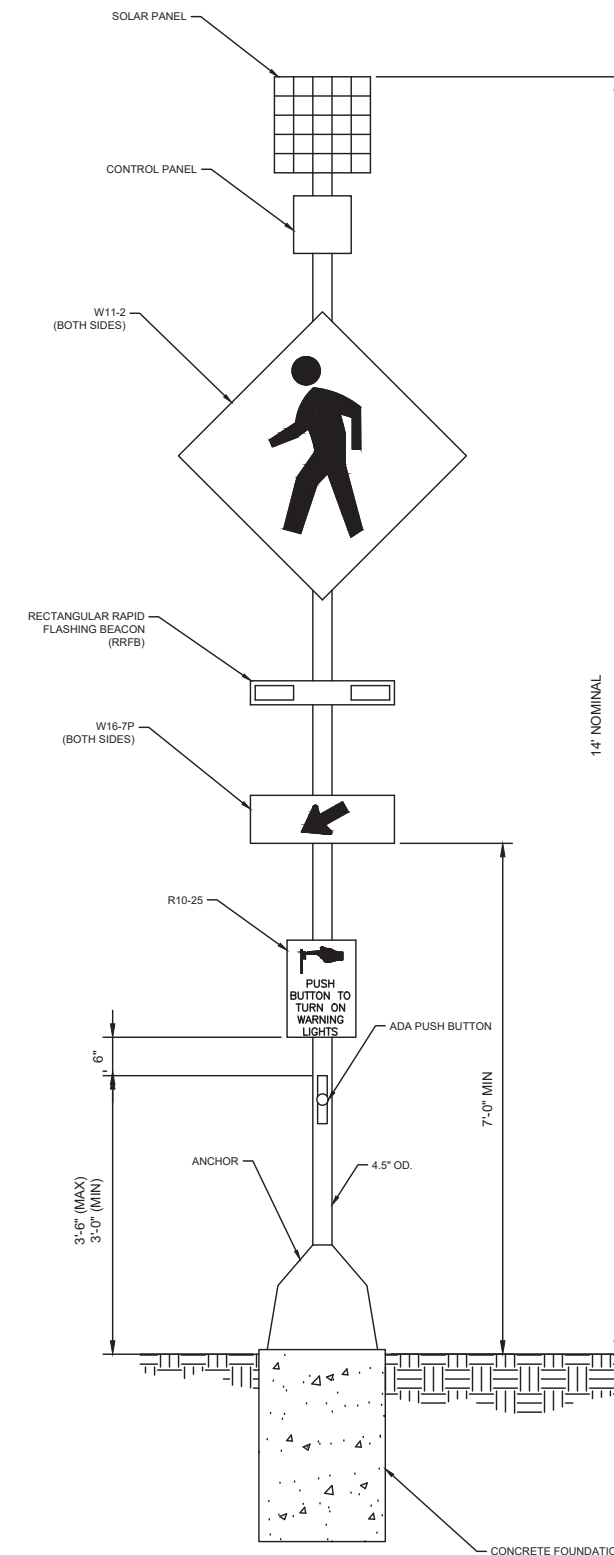
SECTION "C-C"

* SEE ENTRANCE SCHEDULE FOR DISTANCES
 ** SEE CROSS SECTIONS FOR SLOPES



SECTION "B-B"

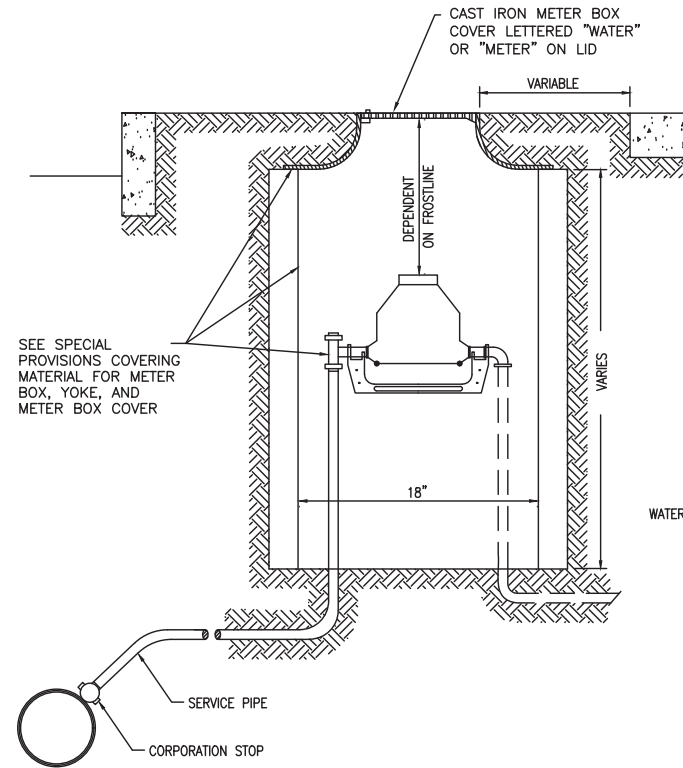
EXISTING MATERIAL	REPLACE IN-KIND CHART				
	INCIDENTAL HMA SURFACING 3"	PCC DRIVEWAY PAVEMENT 6"	AGGREGATE BASE COURSE, TYPE B, 4"	AGGREGATE BASE COURSE, TYPE B, 8"	AGGREGATE SURFACE COURSE, TYPE B, 6"
ASPHALT	X			X	
CONCRETE		X	X		
AGGREGATE					X



RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)

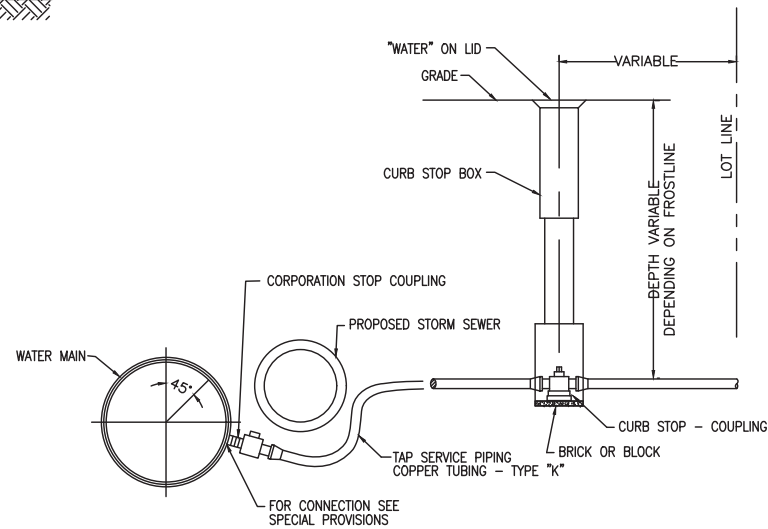
N.T.S

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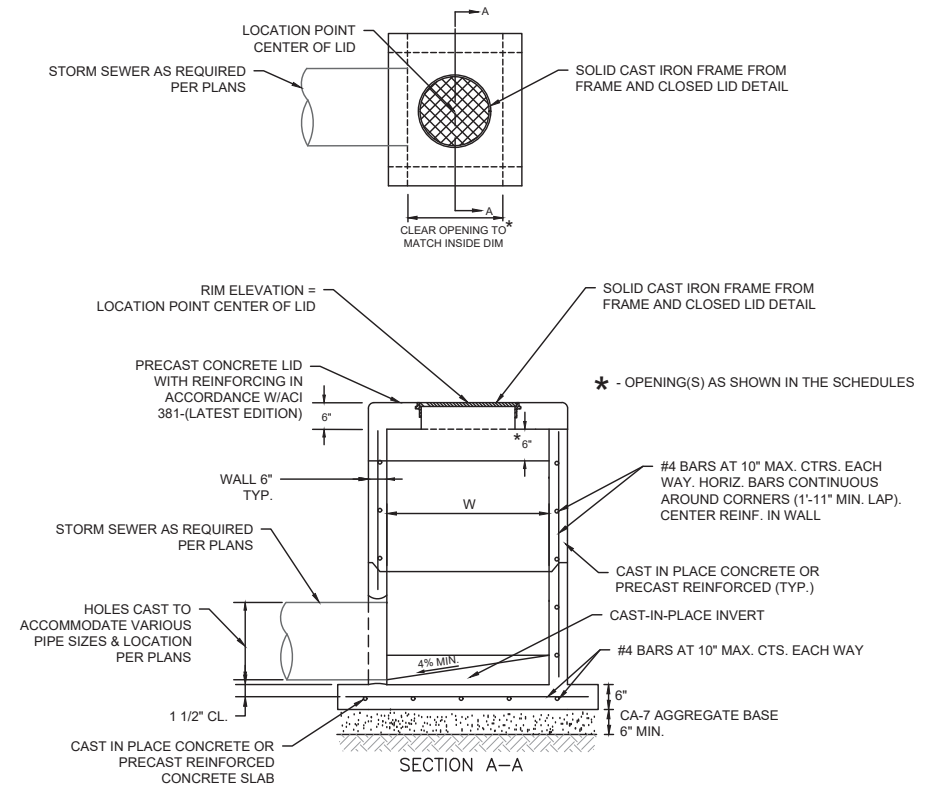
DOMESTIC WATER SERVICE BOXES TO BE MOVED - DETAIL (BY OTHERS)

N.T.S.



ADJUSTING WATER SERVICE LINES - DETAIL (BY OTHERS)

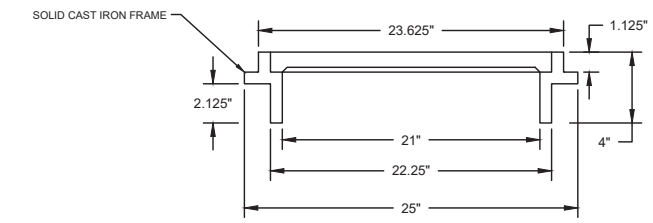
N.T.S.



INLETS, SPECIAL (AREA INLET)

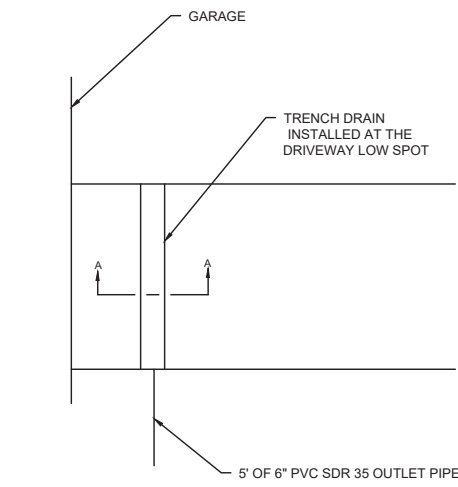
N.T.S.

INLET TYPE	INSIDE WIDTH, W
INLETS SPECIAL, NO. 1	3' X 3'



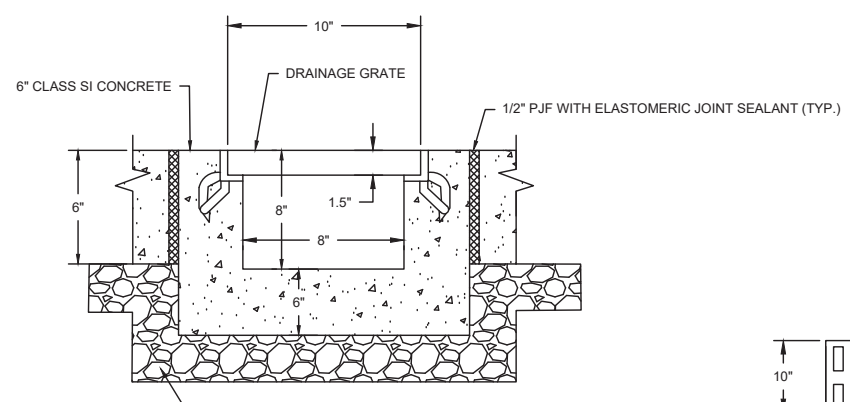
CAST IRON FRAME AND CLOSED LID

N.T.S.



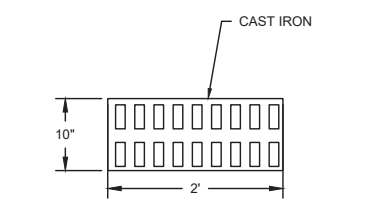
TRENCH DRAIN

N.T.S.



SECTION A-A

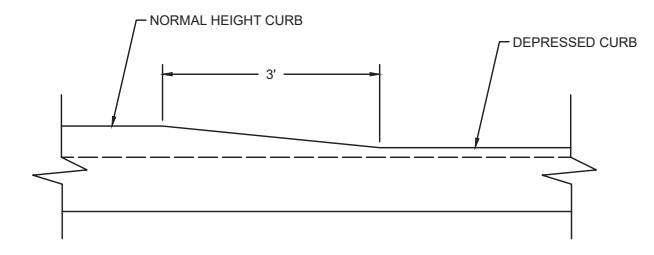
N.T.S.



DRAINAGE GRATE

N.T.S.

NOTE: ALL ITEMS REQUIRED TO CONSTRUCT THE TRENCH DRAIN ARE INCLUDED IN THE TRENCH DRAIN PAY ITEM



DETAIL OF CURB HEIGHT TRANSITION

NOT TO SCALE

I:\Projects\2023\22-1003 Ghent Road - Phase 1\20 Design\CADD\Sheet\Phase 2\22-1003-2_Misc_Details.dwg, Plotted on: 4/21/2026 10:15 AM

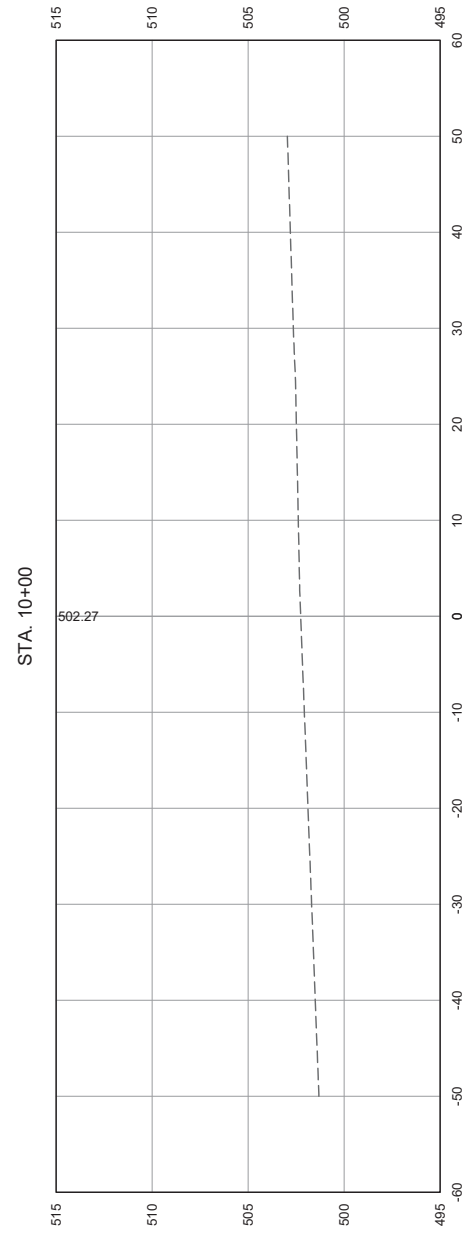
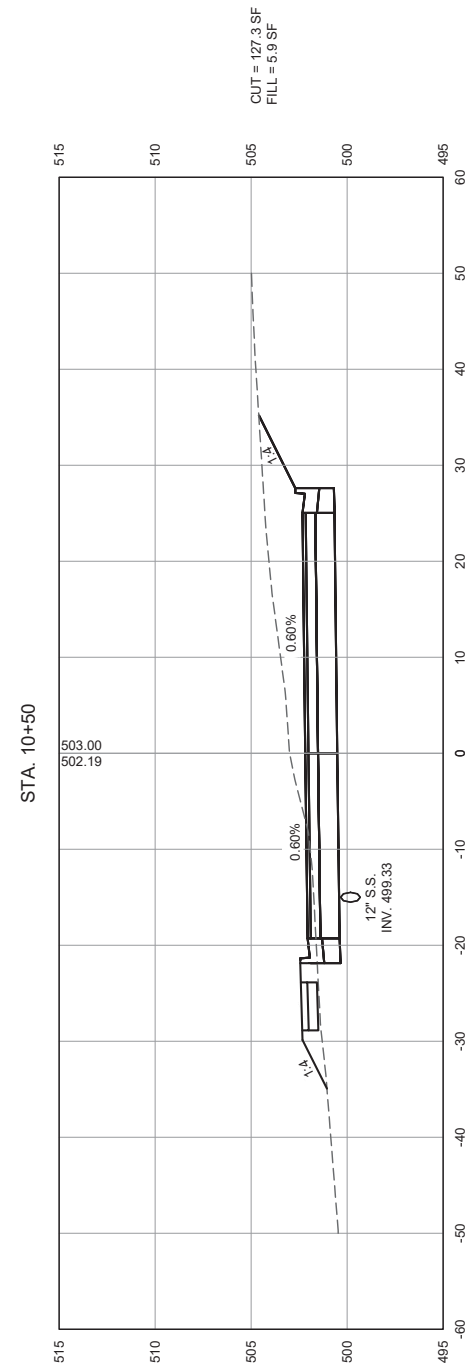
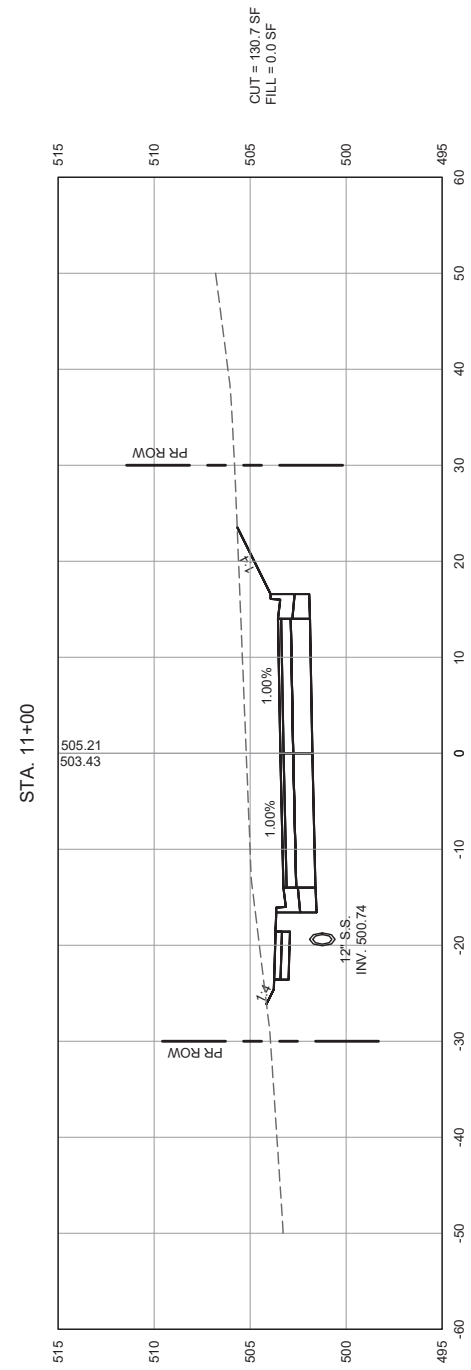
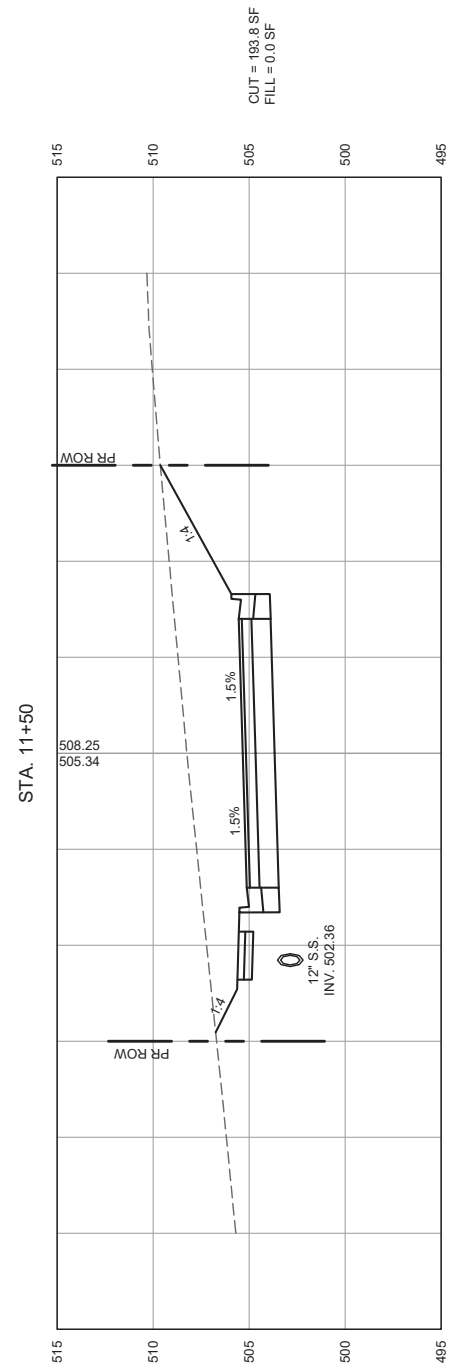
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DATE	— 4/20/2026	REVISED	—

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	31
CONTRACT NO. 97866				



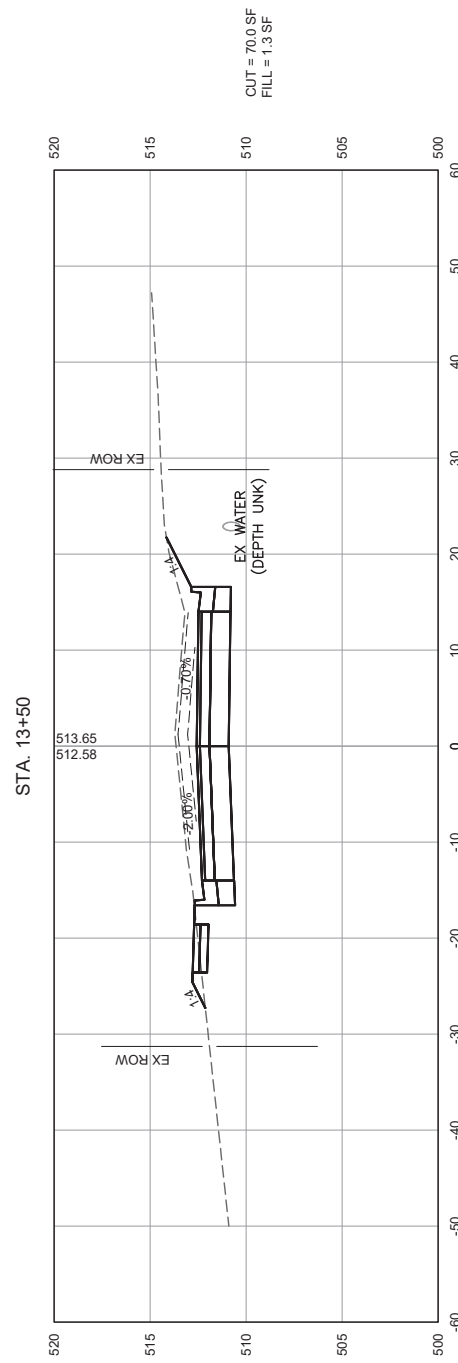
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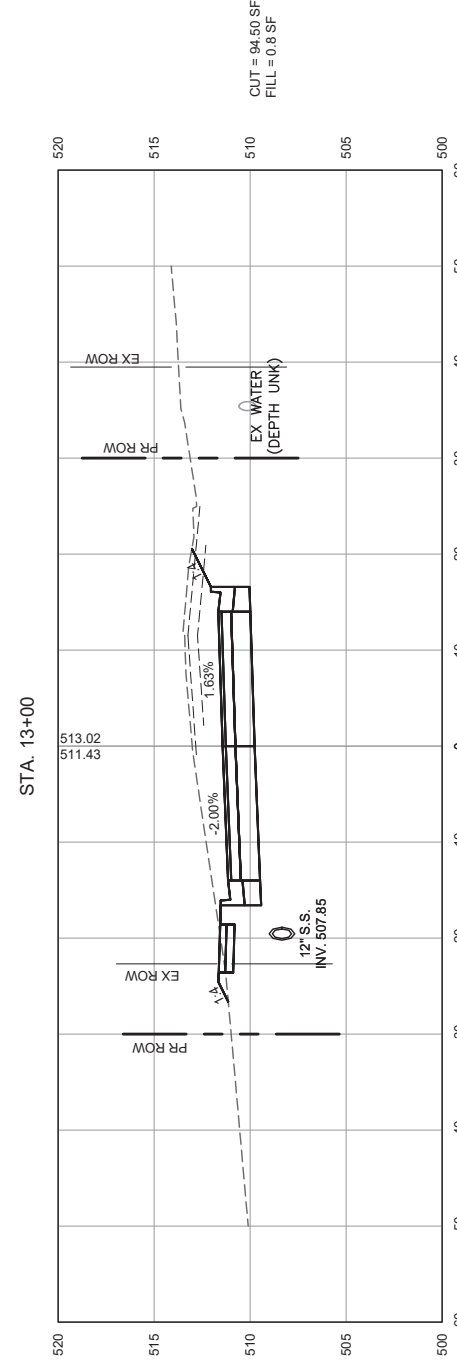
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - STA 10+00 TO 11+50

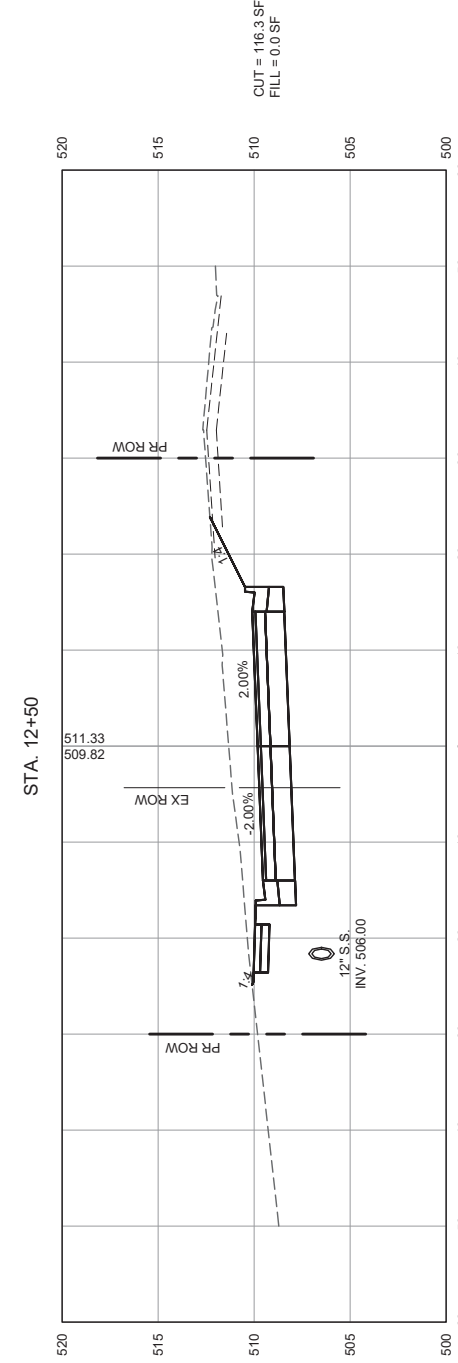
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	32
CONTRACT NO. 97866				



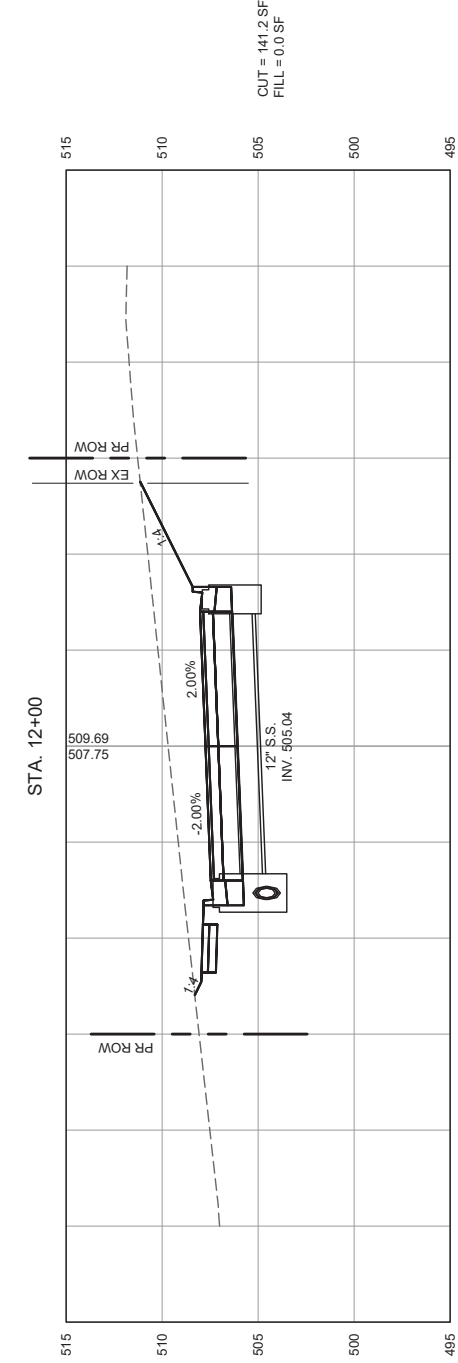
CUT = 70.0 SF
FILL = 1.3 SF



CUT = 94.50 SF
FILL = 0.8 SF



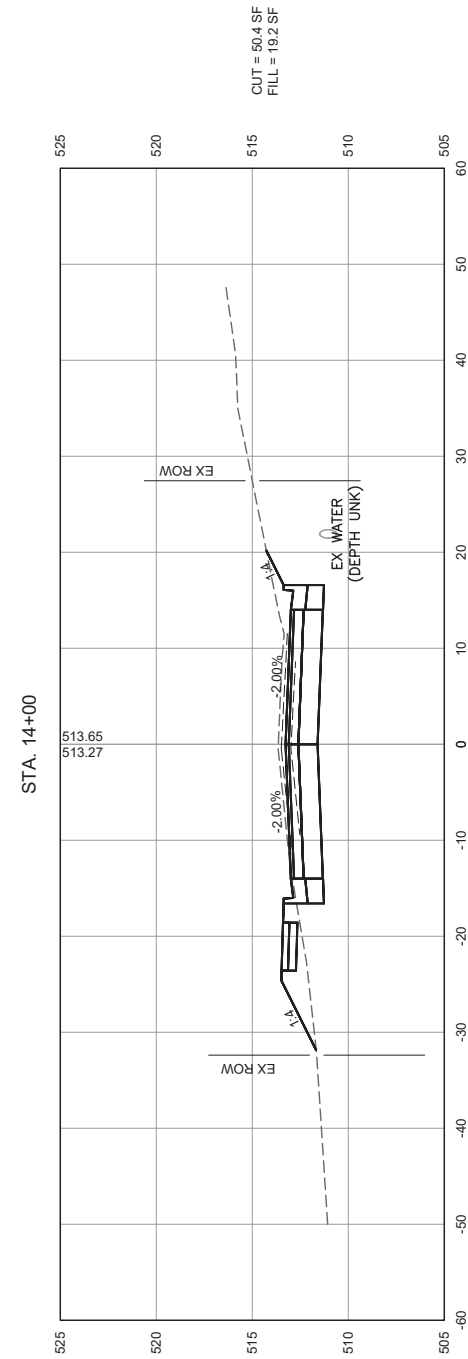
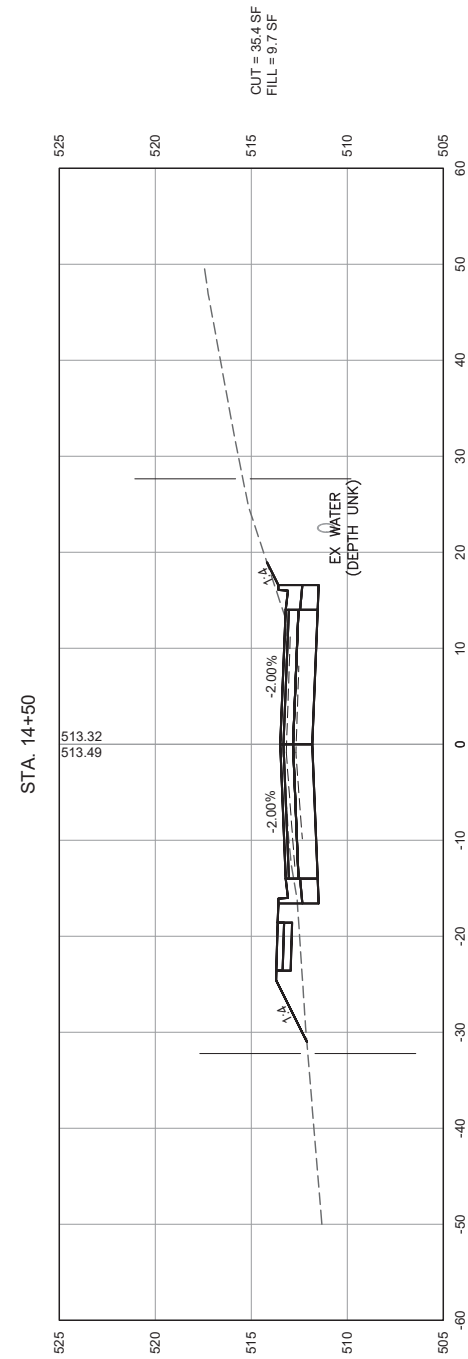
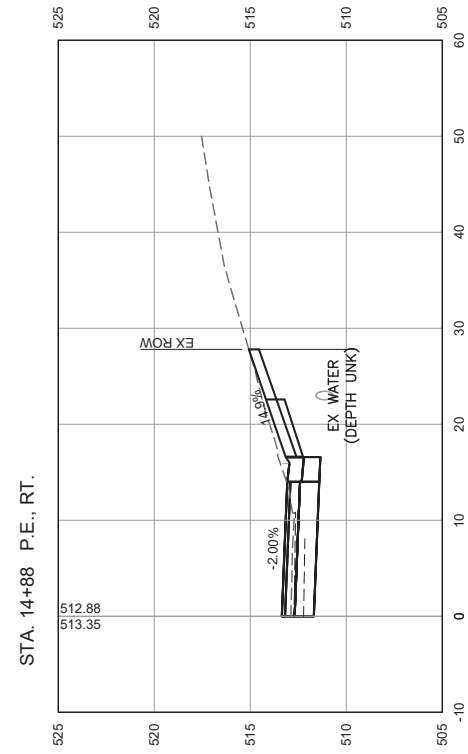
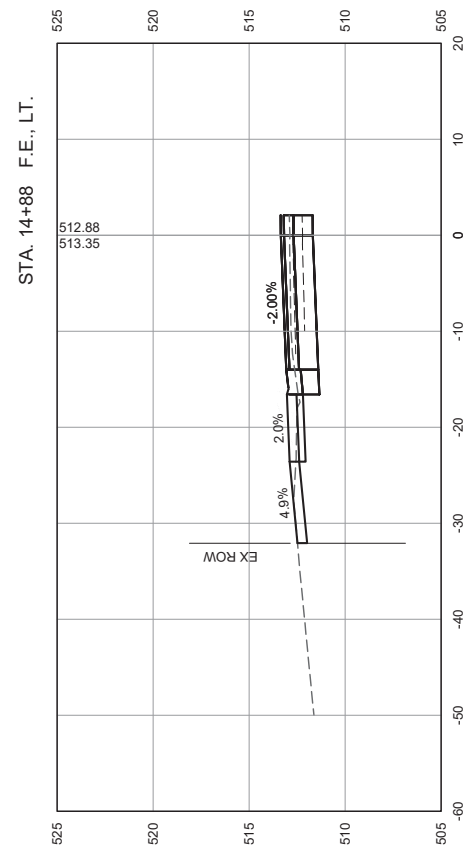
CUT = 116.3 SF
FILL = 0.0 SF



CUT = 141.2 SF
FILL = 0.0 SF

DESIGNED	-- JS	REVISED	--
DRAWN	-- JS	REVISED	--
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DATE	-- 4/20/2026	REVISED	--

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	33
CONTRACT NO. 97866				



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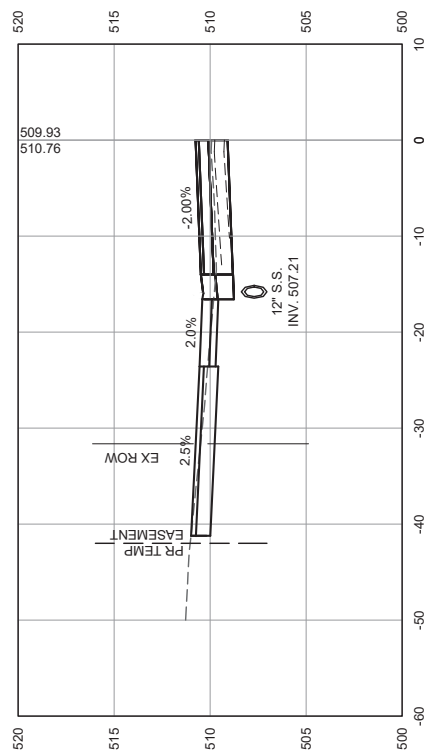
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CHECKED	-- TS	REVISED	--
DATE	-- 4/20/2026	REVISED	--

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

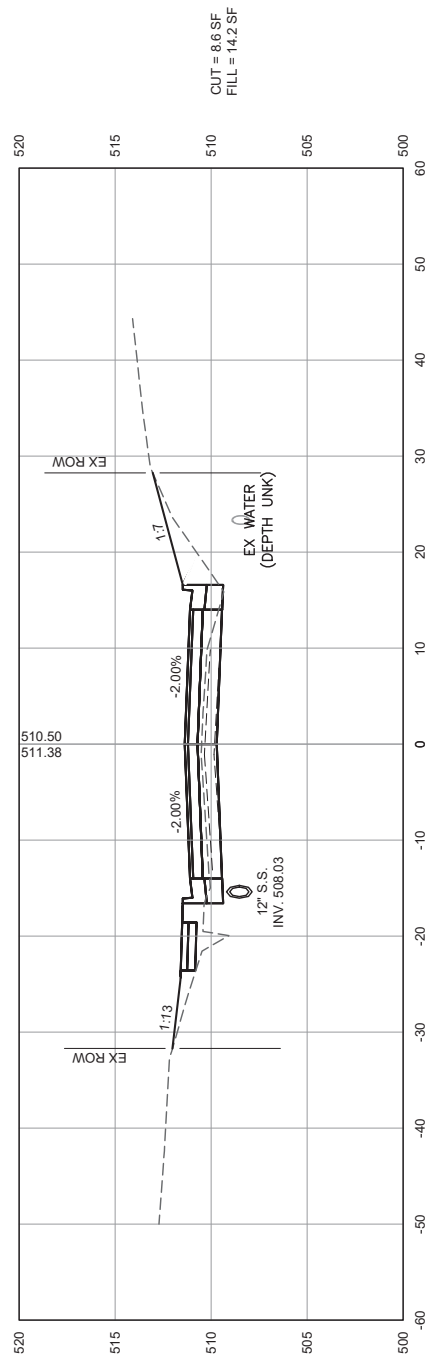
CROSS SECTIONS - STA 14+00 TO 14+88

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	34
CONTRACT NO. 97866				

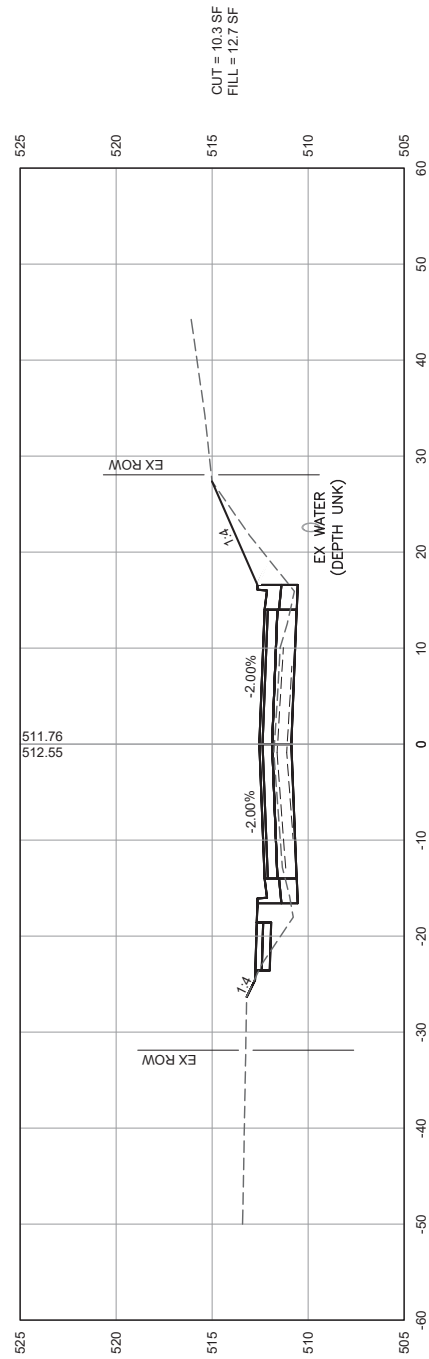
STA. 16+21 P.E., LT.



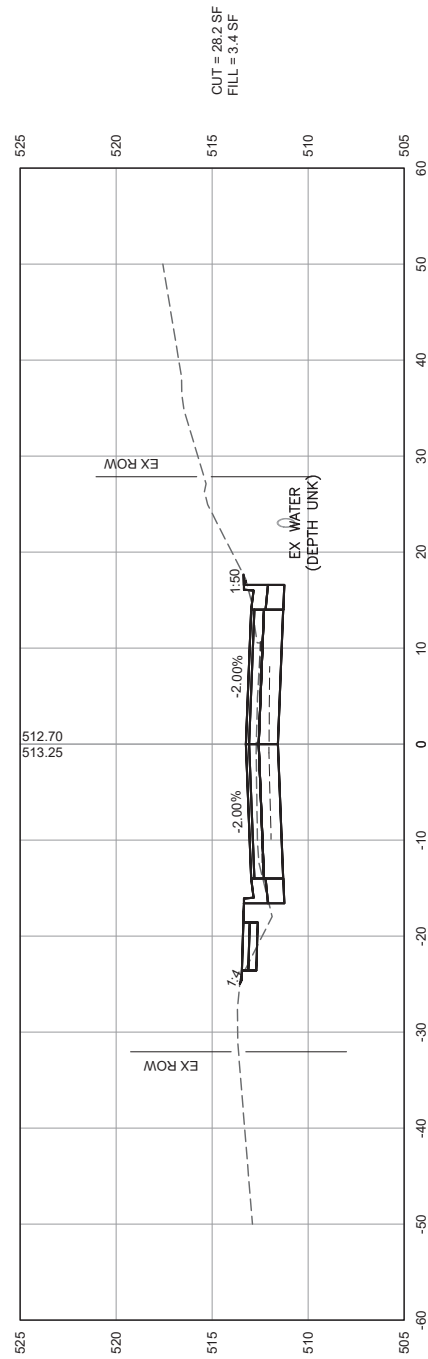
STA. 16+00



STA. 15+50



STA. 15+00



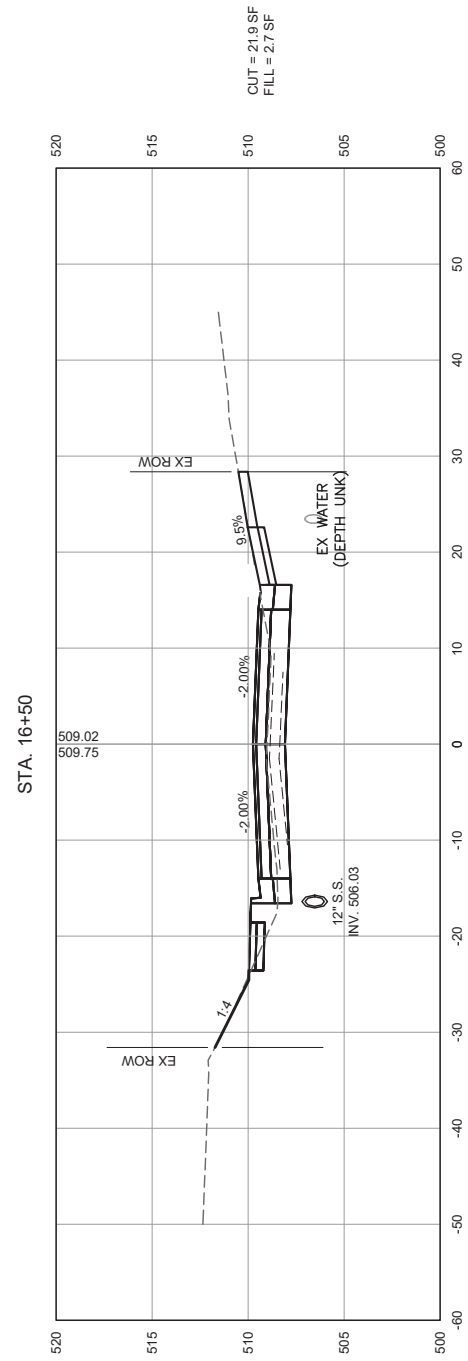
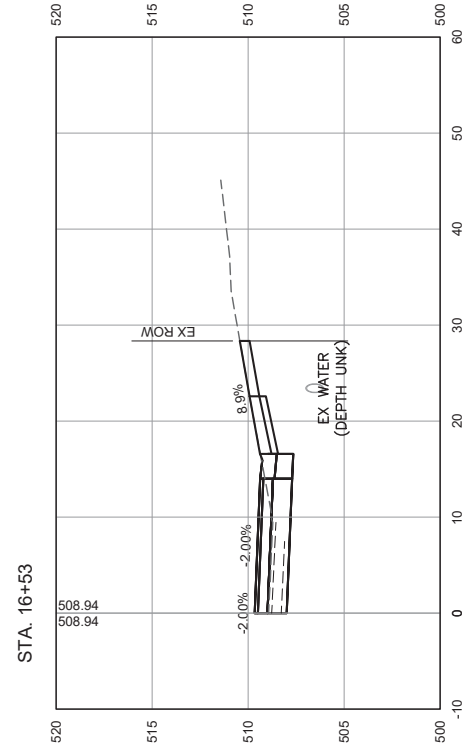
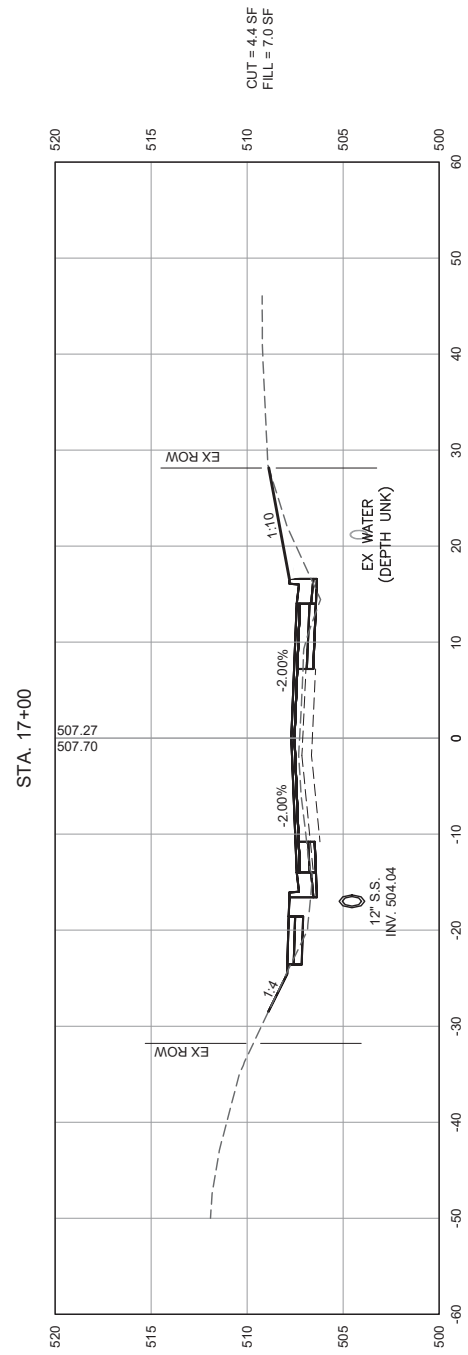
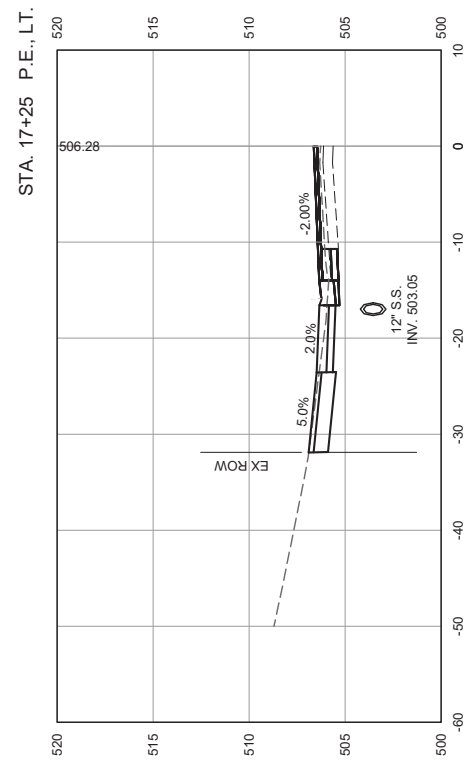
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - STA 15+00 TO 16+21

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	35
CONTRACT NO. 97866				



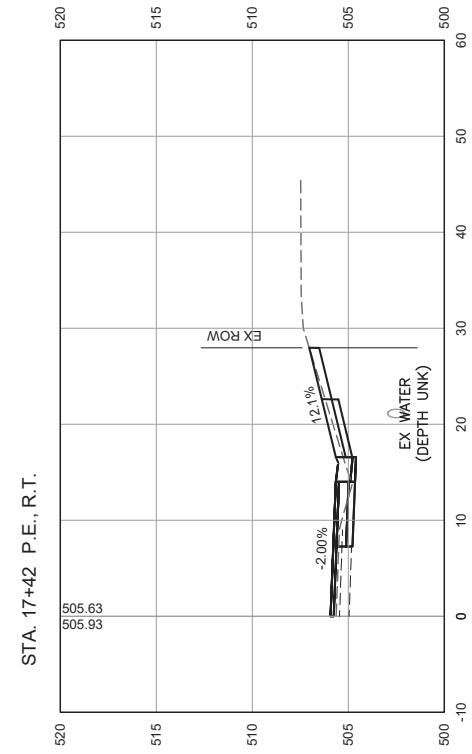
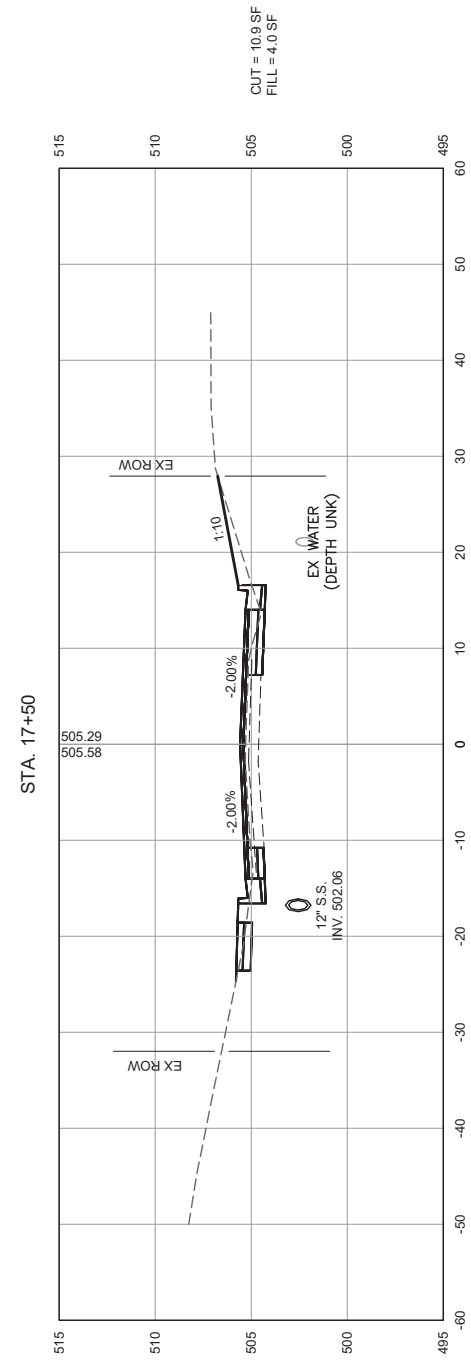
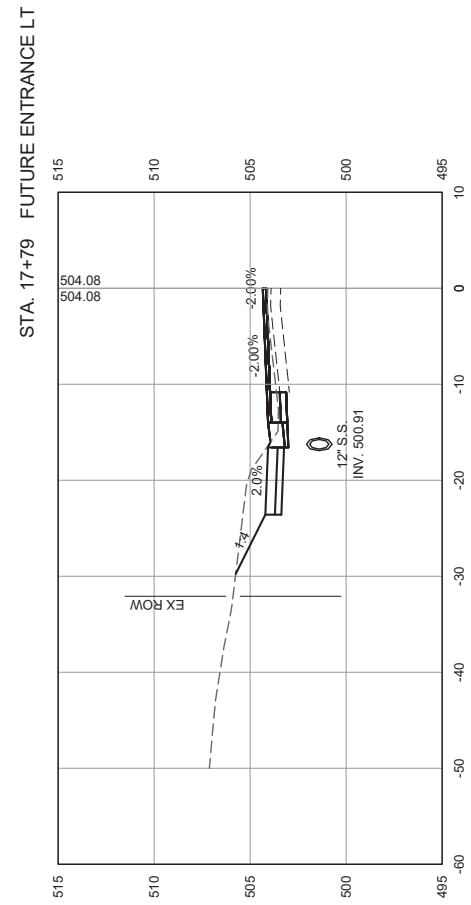
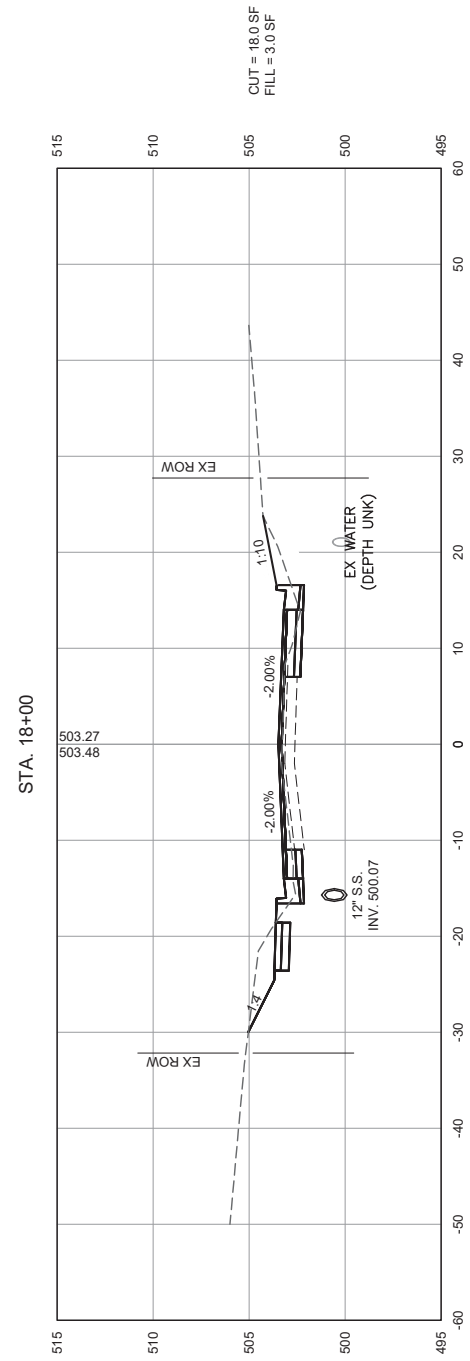
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CROSS SECTIONS - STA 16+50 TO 17+25

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	36
CONTRACT NO. 97866				



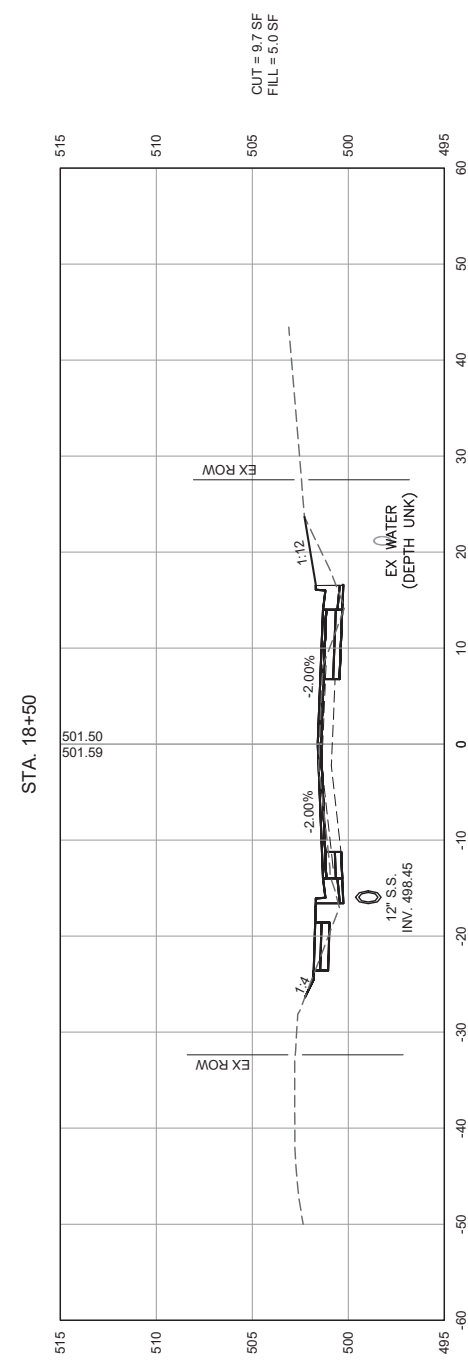
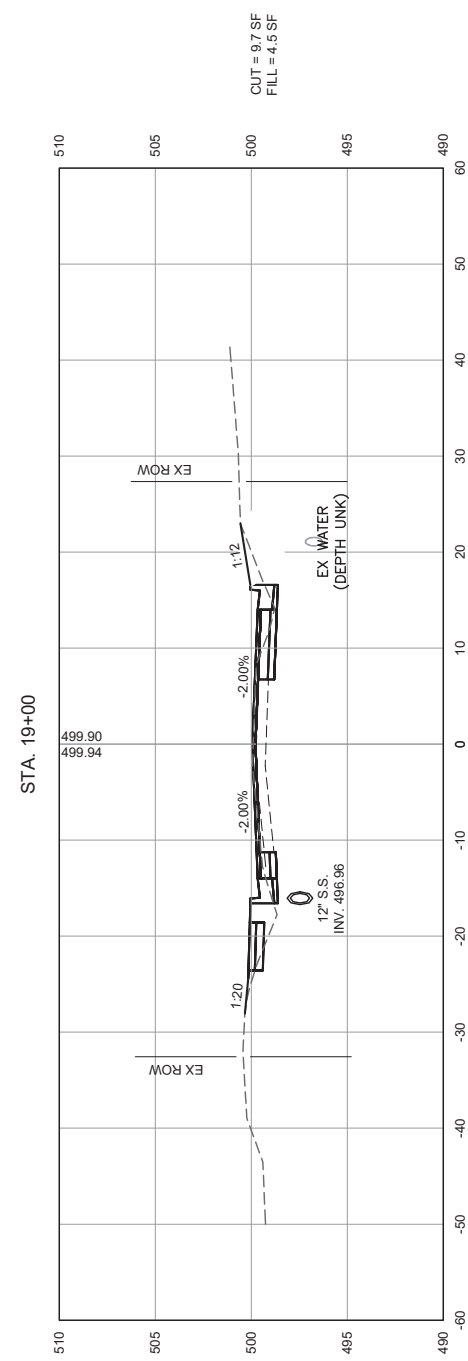
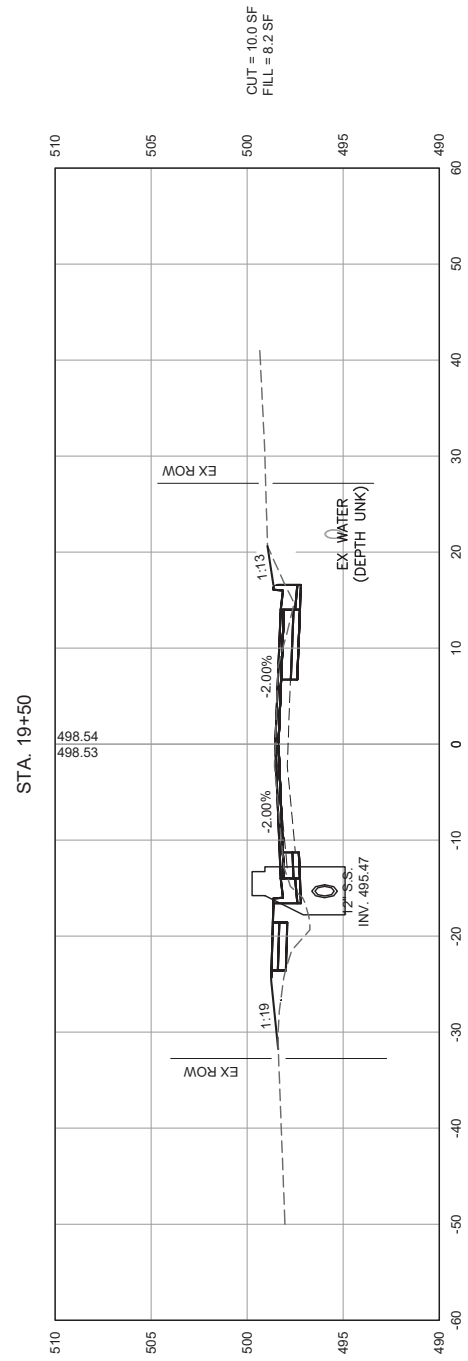
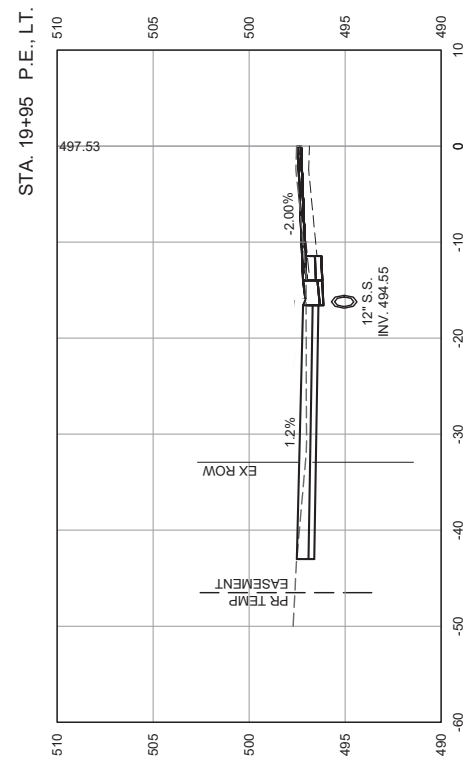
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CROSS SECTIONS - STA 17+42 TO 18+00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	37
CONTRACT NO. 97866				

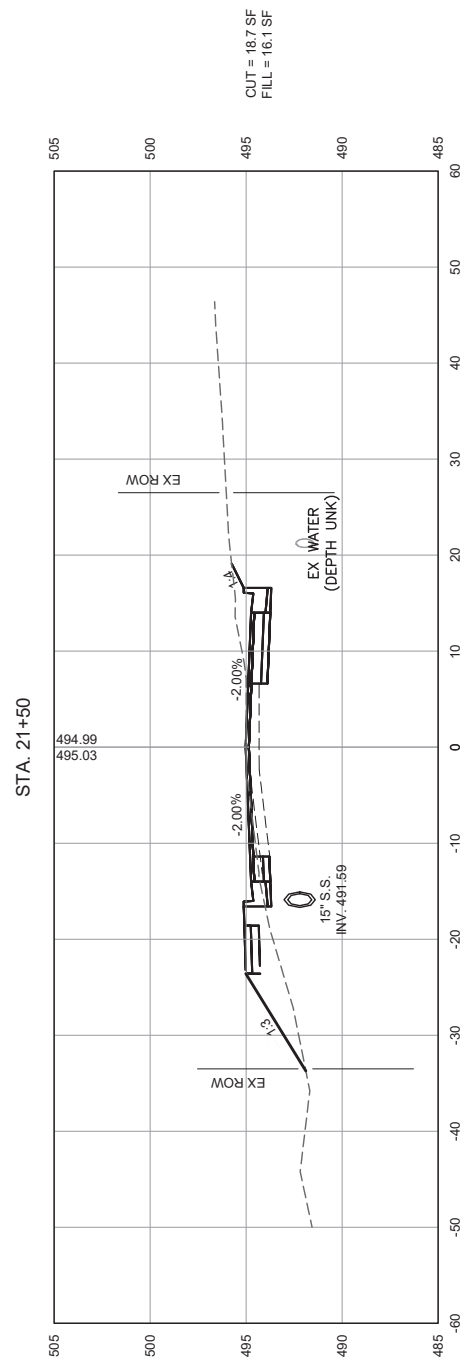


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CHECKED	-- TS	REVISED	--
DATE	-- 4/20/2026	REVISED	--

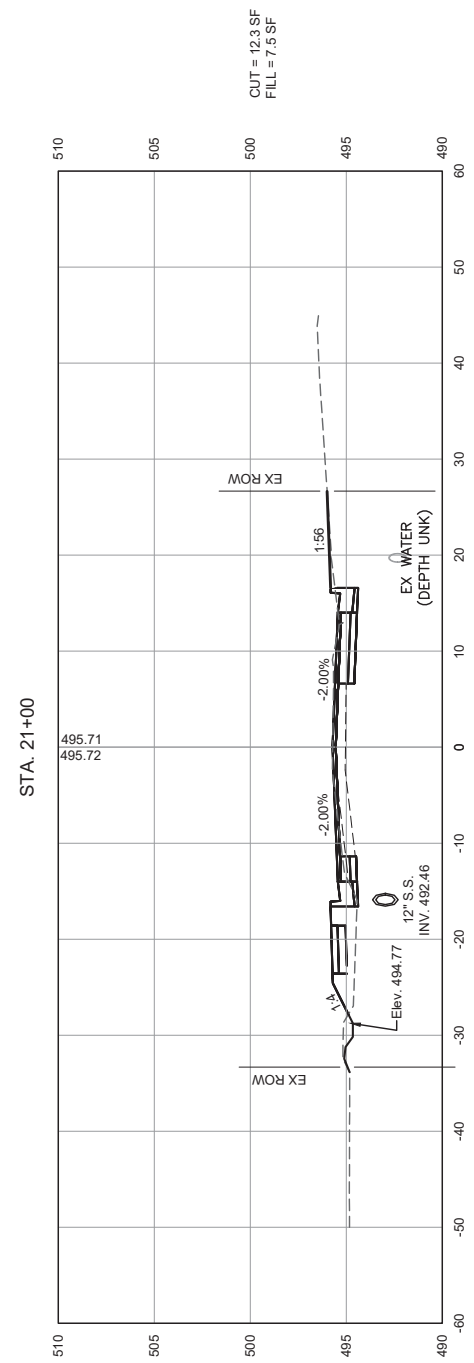
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - STA 18+50 TO 19+95

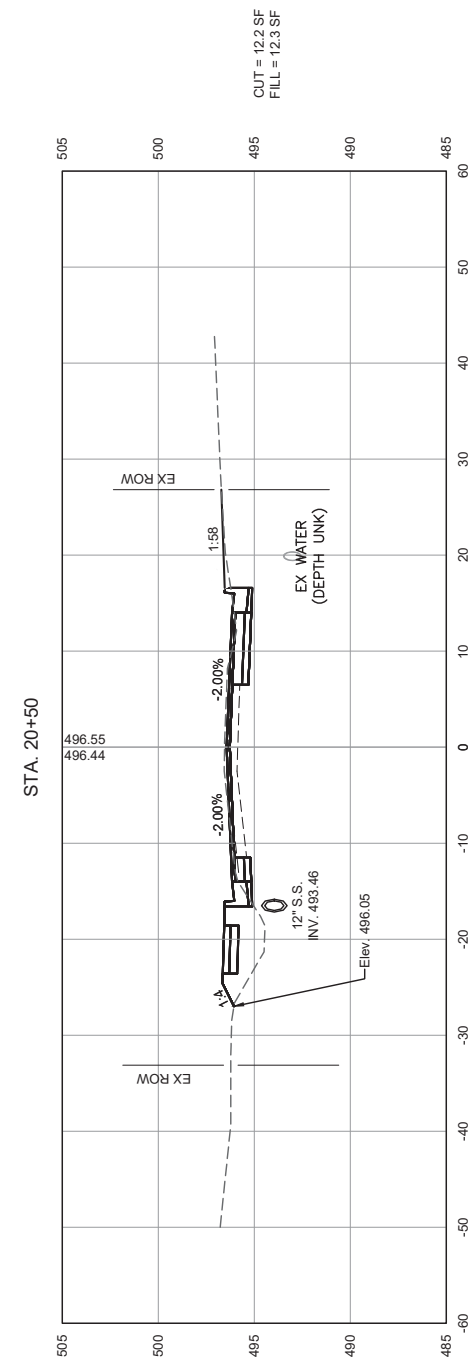
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	38
CONTRACT NO. 97866				



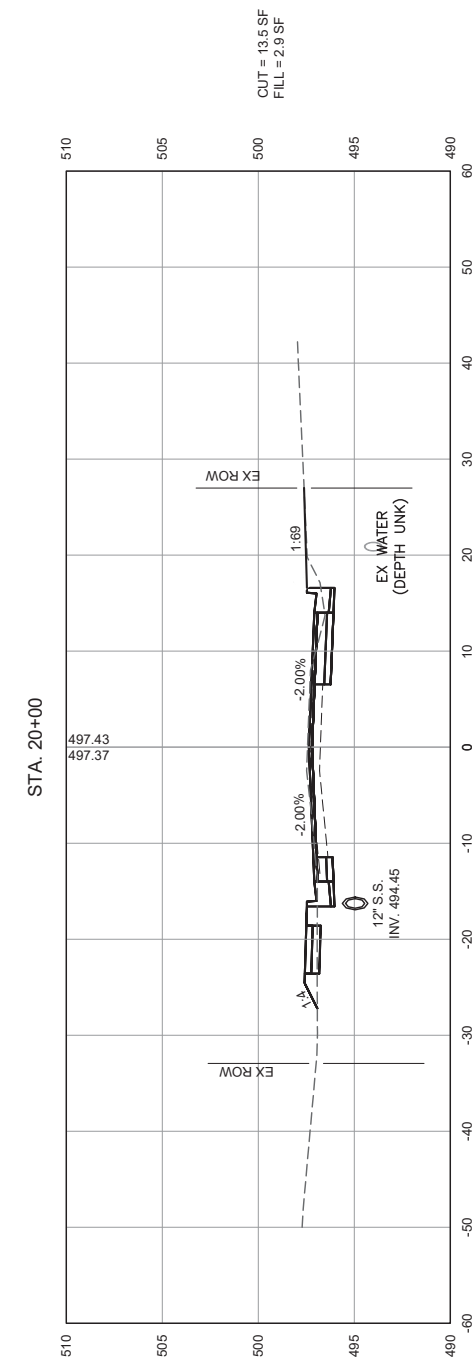
CUT = 18.7 SF
FILL = 18.1 SF



CUT = 12.3 SF
FILL = 7.3 SF



CUT = 12.2 SF
FILL = 12.3 SF



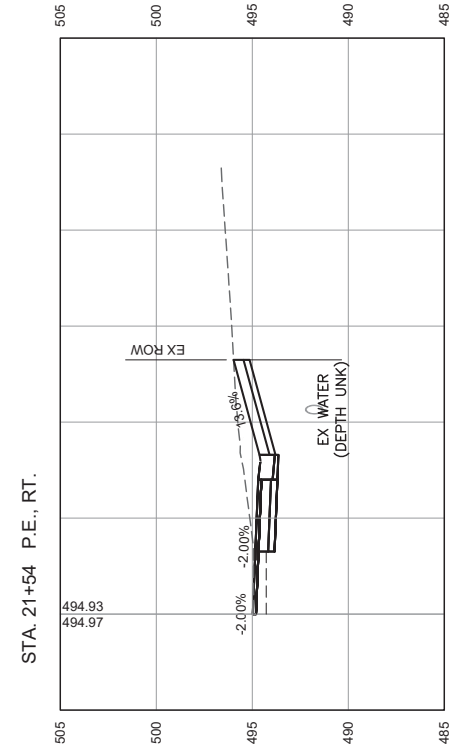
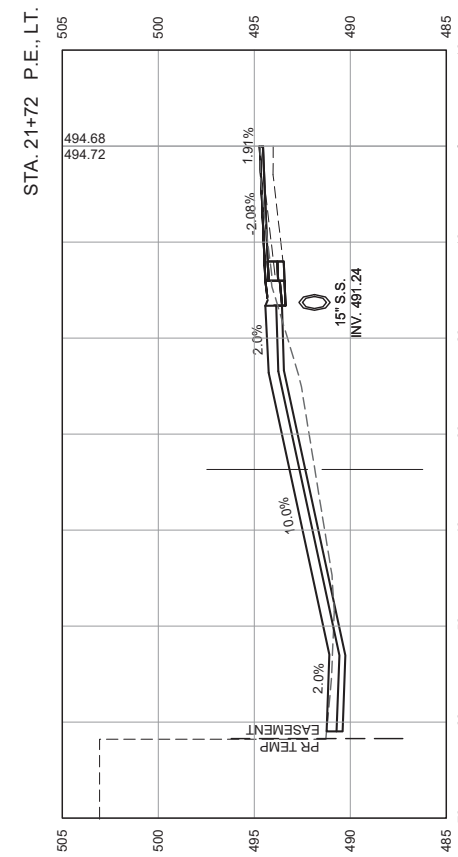
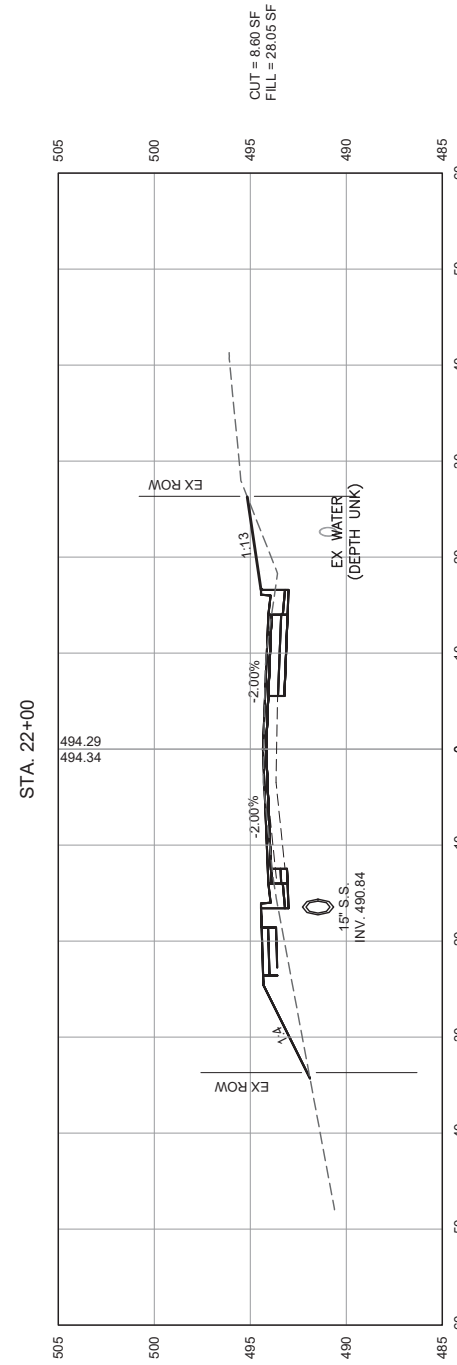
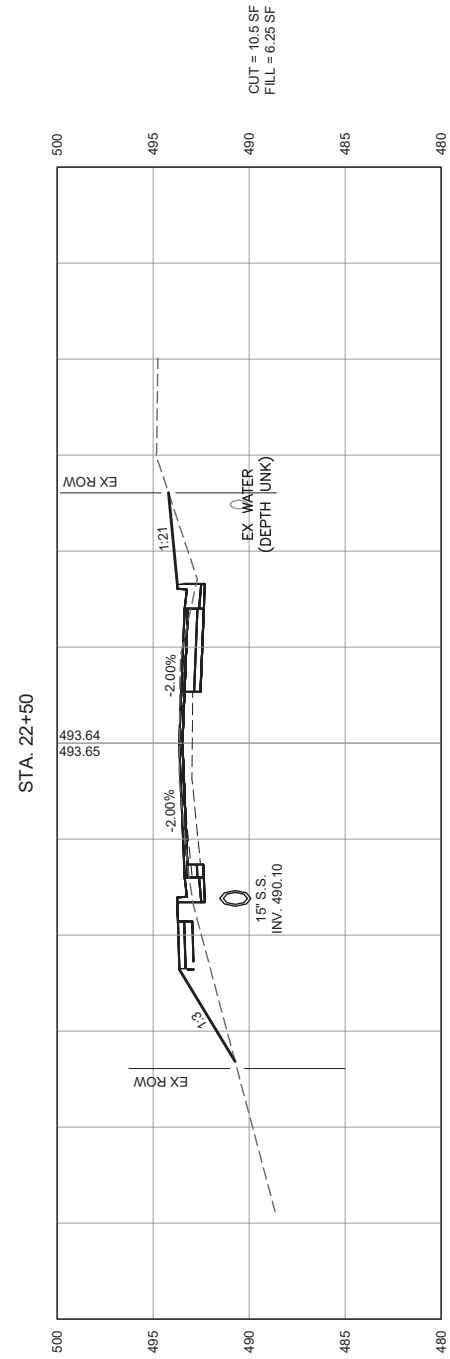
CUT = 13.5 SF
FILL = 2.9 SF

DESIGNED	— JS	REVISED	—
DRAWN	— JS	REVISED	—
CHECKED	— TS	REVISED	—
DATE	— 4/20/2026	REVISED	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - STA 20+00 TO 21+50

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	39
CONTRACT NO. 97866				



GONZALEZ COMPANIES, LLC
525 WEST MAIN STREET
BELLEVILLE, IL 62220
PHONE (618-222-2221)
www.gonzalezcos.com
ILLINOIS PROFESSIONAL DESIGN FIRM 184.004564

DESIGNED	-- JS	REVISED	--
DRAWN	-- JS	REVISED	--
CHECKED	-- TS	REVISED	--
DATE	-- 4/20/2026	REVISED	--

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - STA. 21+54 TO 22+50

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	40
CONTRACT NO. 97866				



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DESIGNED	-- JS	REVISED	--
DRAWN	-- JS	REVISED	--
CHECKED	-- TS	REVISED	--
DATE	-- 4/20/2026	REVISED	--

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - STA. 23+00 TO 23+12

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9310	21-00053-01-PV	MONROE	41	41
CONTRACT NO. 97866				

