

CONTACT JULIE AT 811 OR 800-892-0123

With the following:



County MADISON

City / Township CITY OF EDWARDSVILLE

Sec & 1/4 Sec No. SEC. 15, T.4N., R.8W.

48 HOURS (2 working days) BEFORE YOU DIG

06-16-2023 LETTING ITEM 106

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
STP FUNDS

UNIVERSITY DRIVE - PHASE 1

SECTION 19-00113-00-PV

CITY OF EDWARDSVILLE, ILLINOIS  
MADISON COUNTY  
PROJECT IZ8V(055)  
JOB C-98-005-23

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8882	19-00113-00-PV	MADISON	27	1
FEDERAL AID PROJECT ILLINOIS			CONTRACT NO. 97806	

AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

CITY OF EDWARDSVILLE 200 E. PARK STREET  
EDWARDSVILLE, IL 62025  
PHONE: (618) 692-7535

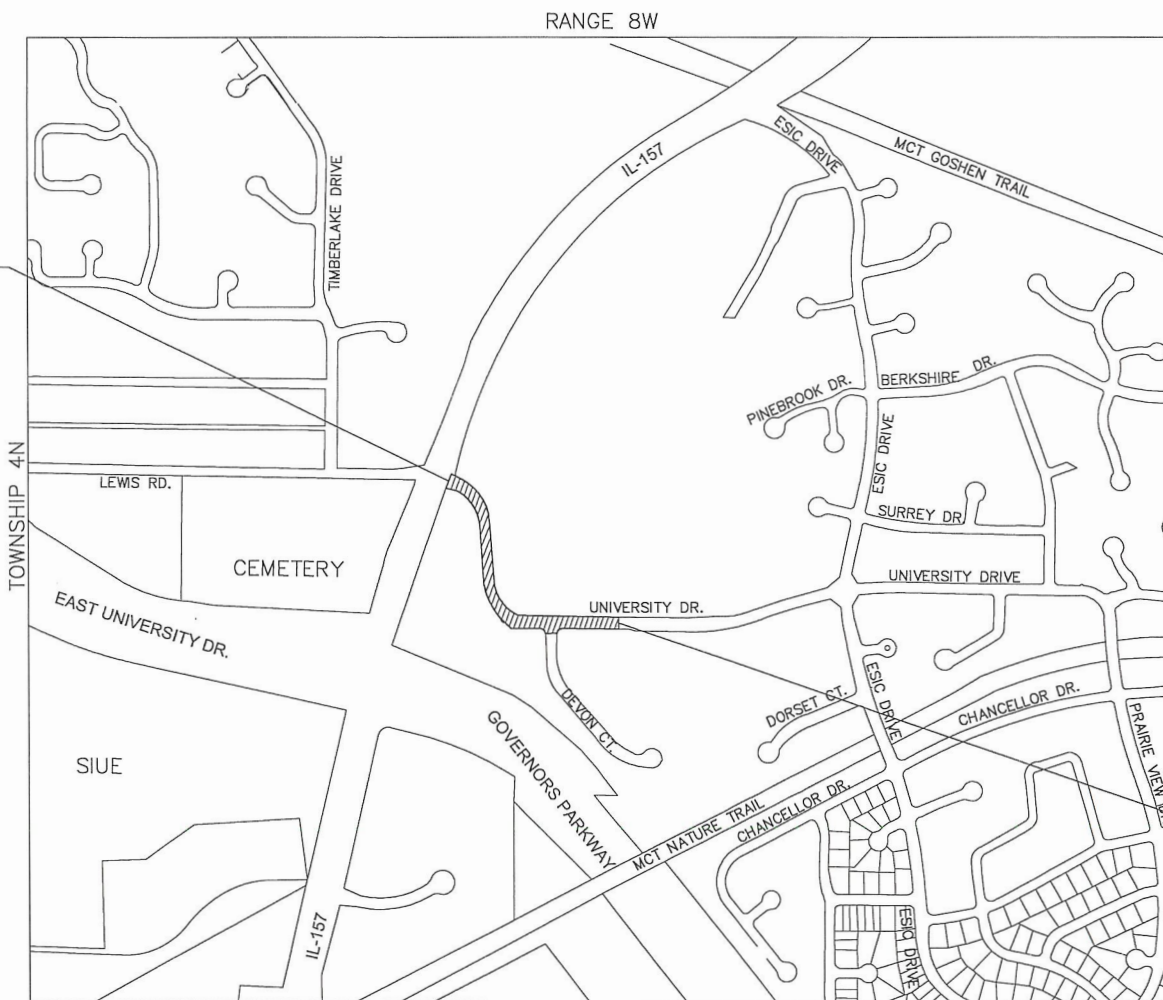
AT&T 160 WEST DIVISION STREET  
MARYVILLE, IL 62062  
PHONE: (618) 346-6499  
PHONE: (618) 346-6422  
PHONE: (618) 346-6426

AMEREN IP 2600 N. CENTER STREET  
MARYVILLE, IL 62062-0378  
PHONE: (618) 346-1270  
PHONE: (618) 346-1244  
PHONE: (618) 346-1245

CHARTER COMMUNICATIONS 4767 SIGNATURE INDUSTRIAL DRIVE  
EDWARDSVILLE, IL 62025  
PHONE: (618) 779-4179  
PHONE: (618) 236-9619  
PHONE: (618) 254-0252

WINDSTREAM PHONE: (217) 254-0252  
PHONE: (800) 289-1901

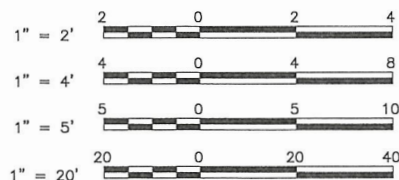
BEGIN PROJECT  
STA. 10+30.30



INDEX TO SHEETS

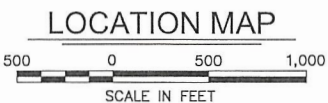
- 1 COVER SHEET
- 2 GENERAL NOTES, LEGENDS, BENCHMARKS, HWY STDS., AND COMMITMENTS
- 3-4 SUMMARY OF QUANTITIES
- 5 SCHEDULES
- 6-8 TYPICAL SECTIONS
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SCALES



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS THE ABOVE SCALES MAY BE USED.

FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR  
DESIGN SPEED = 25 M.P.H.

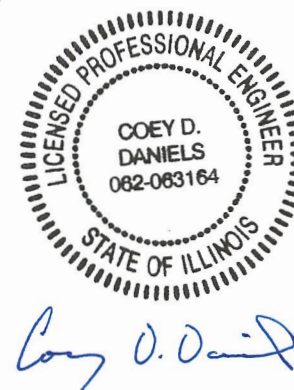


PROJECT GROSS AND NET LENGTHS = 1,439.70 FEET (0.273 MILES)



LOCATION OF SECTION INDICATED THUS:-

END PROJECT  
STA. 24+70.00



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED: 3/2 2023  
Coey D. Daniels  
MAYOR

PASSED: 3/6 2023  
Reilly  
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED UPON LIMITED  
REVIEW: 3/6 2023  
Reilly  
REGIONAL ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

DATE SIGNED: 3-1-2023  
EXPIRATION DATE: 11/30/2023

**STANDARD SYMBOL LEGEND**

**EXISTING**

- EXISTING GUY POLE --○
- EXISTING LIGHT POLE --X
- EXISTING POWER POLE --○
- EXISTING TELEPHONE POLE --○
- EXISTING GUY WIRE --←
- EXISTING TRANSMISSION TOWER --□
- EXISTING ELECTRIC SPLICE BOX --□<sup>E</sup>
- EXISTING TELEPHONE SPLICE BOX --△
- EXISTING CABLE SPLICE BOX --□<sup>TV</sup>
- EXISTING WATER HYDRANT --⊕
- EXISTING GAS METER --⊙
- EXISTING WATER METER --⊙
- EXISTING WATER VALVE --⊕
- EXISTING GAS VALVE --⊙
- EXISTING FIRE HYDRANT --⊕<sup>FH</sup>
- EXISTING SANITARY MANHOLE TOP --⊙
- EXISTING STORM MANHOLE TOP --○
- EXISTING TELEPHONE MANHOLE TOP --⊕
- EXISTING SANITARY CLEAN OUT --⊙
- CONTROL POINT --△<sup>XXX</sup>
- BENCHMARK --<sup>B.M.</sup>
- TEST PIT / NUMBER --⊕<sup>T.P.#</sup> X
- BORING / NUMBER --⊕<sup>B.#</sup> X
- RIGHT-OF-WAY MARKER --⊕<sup>MON</sup>
- AXLE FOUND --○<sup>AXLE</sup>
- BOLT FOUND --○<sup>BOLT</sup>
- CHISELED "X" FOUND --X
- PIN FOUND --○<sup>IP</sup>
- PINCH PIPE FOUND --○<sup>IP</sup>
- PK NAIL FOUND --○<sup>PK</sup>
- RAILROAD SPIKE FOUND --○<sup>RR</sup>
- STONE FOUND --□<sup>STONE</sup>
- BRASS MONUMENT FOUND --○<sup>MON</sup>
- IRON PIPE FOUND --○<sup>IP</sup>
- MONUMENT FOUND --□<sup>MON</sup>
- REBAR FOUND --○<sup>RBR</sup>
- EXISTING MAILBOX --⊕
- EXISTING FENCE POST --⊕
- EXISTING GATE POST --⊕
- EXISTING FLAG POLE --○
- EXISTING GUARD POST --○<sup>GP</sup>
- EXISTING ADVERTISING SIGN --⊕
- EXISTING TRAFFIC SIGN --⊕
- EXISTING PARKING METER --⊕
- EXISTING RAILROAD MILE POST --⊕<sup>MP</sup>
- EXISTING RAILROAD SIGNAL CONTROLLER --⊕
- EXISTING RAILROAD CROSSING GATE --⊕
- EXISTING TRAFFIC SIGNAL --○
- EXISTING TRAFFIC SIGNAL CONTROLLER --⊕
- EXISTING HANDHOLE --⊕
- EXISTING DOUBLE HANDHOLE --⊕
- EXISTING MAST ARM BASE --○
- EXISTING DECIDUOUS TREE / SIZE --⊕<sup>XX"</sup>
- EXISTING EVERGREEN TREE / SIZE --⊕<sup>XX"</sup>
- EXISTING STUMP / SIZE --⊕<sup>XX"</sup>
- EXISTING BUSH --⊕
- EXISTING SHRUB --⊕
- EXISTING TREE TO BE REMOVED --⊕<sup>XX"</sup>

**PROPOSED**

- PROPOSED GUY POLE --○
- PROPOSED LIGHT POLE --X
- PROPOSED POWER POLE --○
- PROPOSED TELEPHONE POLE --○
- PROPOSED GUY WIRE --←
- PROPOSED TRANSMISSION TOWER --□
- PROPOSED ELECTRIC SPLICE BOX --□<sup>E</sup>
- PROPOSED TELEPHONE SPLICE BOX --△
- PROPOSED CABLE SPLICE BOX --□<sup>TV</sup>
- PROPOSED WATER HYDRANT --⊕
- PROPOSED GAS METER --⊙
- PROPOSED WATER METER --⊙
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- PROPOSED GAS VALVE --⊙
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- PROPOSED SANITARY MANHOLE TOP --⊙
- PROPOSED STORM MANHOLE TOP --○
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- PROPOSED MAST ARM BASE --○
- PROPOSED DECIDUOUS TREE / SIZE --⊕<sup>XX"</sup>
- PROPOSED EVERGREEN TREE / SIZE --⊕<sup>XX"</sup>
- PROPOSED BUSH --⊕
- PROPOSED PLANT --\*
- PROPOSED EDGE OF PAVEMENT ELEVATION -- + 512.00 EP
- PROPOSED PAVEMENT ELEVATION -- + 505.50 P
- PROPOSED CURB ELEVATION -- + 550.25 TC
- PROPOSED SIDEWALK ELEVATION -- + 515.15 SW
- PROPOSED FLOWLINE ELEVATION -- + 501.58 FL

**SIDEWALK LEGEND**

- RAMP -- MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- DETECTABLE WARNING
- L -- LANDING -- MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT -- BLENDED TRANSITION -- MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T -- TRANSITION TO MEET EXISTING SIDEWALK
- P -- PASSING SPACE -- MIN. SIZE 5' X 5', MAX CROSS SLOPE = 2.0%

**STANDARD LINE TYPE LEGEND**

**EXISTING FEATURES**

- EXISTING CENTERLINE
- EXISTING BASELINE
- EXISTING RIGHT-OF-WAY
- EXISTING SECTION LINE
- EXISTING PROPERTY LINE -- P/L
- EXISTING EASEMENT
- EXISTING SETBACK
- EXISTING MAJOR CONTOUR -- 500
- EXISTING MINOR CONTOUR -- 501
- EXISTING DITCH
- EXISTING POND, LAKE, BODY OF WATER, ETC.
- EXISTING RAILROAD
- EXISTING BRUSH / HEDGE / TREE LINE
- EXISTING FENCE -- X
- EXISTING GUARDRAIL
- EXISTING CULVERT
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING FORCEMAIN -- FM
- EXISTING WATER -- W
- EXISTING UNDERGROUND ELECTRIC -- E
- EXISTING GAS -- G
- EXISTING UNDERGROUND TELEPHONE -- T
- EXISTING FIBER OPTIC -- FO
- EXISTING UNDERGROUND CABLE TV -- TV
- EXISTING OVERHEAD TELEPHONE -- OT
- EXISTING OVERHEAD ELECTRIC -- OE
- EXISTING OVERHEAD CABLE TV -- OTV

**PROPOSED FEATURES**

- PROPOSED CENTERLINE
- PROPOSED BASELINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- PROPOSED EASEMENT
- PROPOSED CONSTRUCTION EASEMENT OR TEMPORARY USE PERMIT
- PROPOSED CONSTRUCTION LIMITS
- PROPOSED SETBACK
- PROPOSED MAJOR CONTOUR -- (500)
- PROPOSED MINOR CONTOUR -- (501)
- PROPOSED DITCH
- PROPOSED POND, LAKE, BODY OF WATER, ETC.
- PROPOSED RAILROAD
- PROPOSED FENCE -- X
- PROPOSED GUARDRAIL
- PROPOSED PERIMETER EROSION BARRIER
- PROPOSED CULVERT
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED FORCEMAIN -- FM
- PROPOSED WATER -- W
- PROPOSED UNDERGROUND ELECTRIC -- E
- PROPOSED GAS -- G
- PROPOSED UNDERGROUND TELEPHONE -- T
- PROPOSED FIBER OPTIC -- FO
- PROPOSED UNDERGROUND CABLE TV -- TV
- PROPOSED OVERHEAD TELEPHONE -- OT
- PROPOSED OVERHEAD ELECTRIC -- OE
- PROPOSED OVERHEAD CABLE TV -- OTV

**ABBREVIATIONS**

ADT	AVERAGE DAILY TRAFFIC	OL	OPEN LID
BK	BACK	PC	POINT OF CURVE
BM	BENCH MARK	PE	PRIVATE ENTRANCE
BVCE	BEGIN VERTICAL CURVE ELEVATION	PI	POINT OF INTERSECTION
BVCS	BEGIN VERTICAL CURVE STATION	PK	PK NAIL
C&G	CURB AND GUTTER	PP	POWER POLE
C/L	CENTER LINE	PRCF	PRECAST REINFORCED CONCRETE FLARED
CE	COMMERCIAL ENTRANCE	PT	POINT OF TANGENT
CI	CAST IRON	PVC	POINT OF VERTICAL CURVE
CL	CLOSED LID	R	RADIUS
CM	CONCRETE MONUMENT	RBR	REBAR
CMP	CORRUGATED METAL PIPE	RDMH	RESTRICTED DEPTH MANHOLE
CONC	CONCRETE	ROW	RIGHT OF WAY
CT	CRIMP TOP PIPE	RR	RAILROAD
CUYD	CUBIC YARD	RRPM	RAISED REFLECTIVE PAVEMENT MARKER
DE	DRAINAGE EASEMENT	RT	RIGHT
DIP	DUCTILE IRON PIPE	S	SOUTH
E	EAST	SE	SOUTHEAST
ELEV	ELEVATION	SL	SECTION LINE
EP	EDGE OF PAVEMENT	SS1	STORM SEWER TYPE 1
EQN STA	EQUATION STATION	SS2	STORM SEWER TYPE 2
ES	EDGE OF SHOULDER	SS3	STORM SEWER TYPE 3
FE	FIELD ENTRANCE	STA	STATION
FH	FIRE HYDRANT	SW	SOUTHWEST
FL	FLOWLINE	TB	TRENCH BACKFILL
FT	FOOT	TBR	TO BE REMOVED
FWD	FORWARD	TC	TOP OF CURB
GP	GUARD POST	TCE	TEMPORARY CONSTRUCTION EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE	TPM	TEMPORARY PAVEMENT MARKING
HMA	HOT-MIX ASPHALT	TPPM	THERMOPLASTIC PAVEMENT MARKING
IP	IRON PIPE	TUP	TEMPORARY USE PERMIT
LT	LEFT	TY	TYPE
MON	MONUMENT	TYP	TYPICAL
MP	MILE PIPE	VC	VERTICAL CURVE
N	NORTH	VCP	VITRIFIED CLAY PIPE
NE	NORTHEAST	W	WEST
NW	NORTHWEST	WMO	WATER MAIN QUALITY
O&C	OIL AND CHIP		

**GENERAL NOTES**

1. THE PLANS SHOW THE APPROXIMATE LOCATION OF KNOWN UTILITIES, BUT DO NOT SHOW HOUSE OR SERVICE CONNECTIONS. UTILITY INFORMATION PROVIDED IS BASED ON INFORMATION OBTAINED FROM UTILITY COMPANIES AND SHALL NOT BE CONSIDERED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL USE ALL DUE PRECAUTION NOT TO DAMAGE OR DISTURB ANY UTILITIES AND THE ENTIRE COST OF MAKING REPAIRS TO, OR REPLACEMENT OF, ANY DAMAGED LINE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. PROPOSED ELEVATIONS SHOWN ON THE PLANS AS +/- ARE APPROXIMATE, EXACT ELEVATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. IF APPLICABLE, ELEVATIONS SHALL BE DETERMINED PRIOR TO FABRICATION OF THE DRAINAGE STRUCTURES.
3. FOR SIMPLICITY, STORM SEWER LENGTHS SHOWN ON THE PLANS ARE FROM CENTER TO CENTER OF STRUCTURES OR TO THE END OF END SECTIONS. ACTUAL PIPE REQUIRED WILL BE LESS. MEASUREMENT FOR PAYMENT PURPOSES SHALL BE ACCORDING TO ARTICLE 550.09 OF THE STANDARD SPECIFICATIONS.
4. UNLESS STATED OTHERWISE THE OFFSETS FOR ALL ROUND INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING REQUIRED FOR THE FRAME AND GRATE OR LID THAT IS SPECIFIED. THE OFFSETS FOR ALL SQUARE BOX INLETS AND SQUARE FLUSH INLETS ARE GIVEN TO THE CENTER OF THE BASE OF THE STRUCTURE. OFFSETS FOR ALL CONCRETE FLARED END SECTIONS ARE GIVEN TO THE CENTER OF THE END OF THE END SECTION.
5. PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS WERE CALCULATED BASED ON USING 112 LBS. / SQ. YD. / IN.
6. DRIVEWAYS SHALL BE POURED WITHIN 2 DAYS OF REMOVAL TO MINIMIZE INCONVENIENCE TO PROPERTY OWNERS.
7. HIGH EARLY STRENGTH CONCRETE SHALL BE USED FOR ALL P.C.C. ENTRANCES / DRIVEWAYS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENTS.

**COMMITMENTS**

NONE.

**HIGHWAY STANDARDS**

280001-07	602301-04	606001-08	701801-06
424001-11	602306-03	701006-05	701901-08
424006-05	602401-07	701011-04	720001-01
424011-04	602601-06	701101-05	720006-04
424016-05	602701-02	701301-04	728001-01
424021-06	604001-05	701311-03	780001-05
424026-03	604006-05	701501-06	782001-01
542301-03	604011-05	701602-10	

**BENCHMARK INFORMATION**

SURVEY CONTROL POINTS			
VERTICAL CONTROL (BENCH MARKS)			
BENCH MARK	STATION AND OFFSET	ELEVATION	DESCRIPTION
BM #2	10+72.14, 47.70' LT.	576.44	CUT "X" NORTH BOLT OF FIRE HYDRANT
BM #3	14+14.59, 23.84' LT.	580.83	CUT "X" NORTH BOLT OF FIRE HYDRANT
BM #6	17+40.98, 28.97' RT.	576.10	CUT "X" NORTH BOLT OF FIRE HYDRANT
BM #8	21+43.24, 31.05' RT.	582.68	CUT "X" NORTH BOLT OF FIRE HYDRANT

HORIZONTAL CONTROL					
CONTROL POINT	NORTHING	EASTING	ELEVATION	STATION AND OFFSET	DESCRIPTION
CP #1	776287.0650	2350798.7820	574.68	11+12.09, 31.53' LT.	CONTROL POINT CAP
CP #4	775994.5270	2350969.8990	579.18	14+36.17, 36.85' LT.	CONTROL POINT CAP
CP #5	775721.9740	2350917.2880	574.58	17+00.97, 31.72' RT.	CONTROL POINT CAP
CP #7	775570.7600	2351271.2700	579.25	21+18.24, 40.46' LT.	CONTROL POINT CAP
CP #9	775503.0430	2351585.6930	578.84	24+33.27, 24.40' RT.	CONTROL POINT CAP

\* ELEVATIONS SHOULD BE CHECKED FROM A BENCHMARK.

REVISIONS

**SMS** Sheppard, Morgan & Schwab, Inc.  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 215 Market Street, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com  
**ENGINEERS** DESIGN FIRM # 184-000992

CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 GENERAL NOTES, BENCHMARKS, HWY STDS.,  
 AND COMMITMENTS

CONTRACT NO. 97806

REF. BK. 5120 PG. 1  
 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023

SCALE:  
 SHEET 2 OF 27

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE				CONSTRUCTION TYPE CODE				CONSTRUCTION TYPE CODE			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	988	28200200	FILTER FABRIC	SQ YD	15.6	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	157
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	41	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	352
25000115	SEEDING, CLASS 1B	ACRE	0.15	35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	42	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	370
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	20	35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	2,513	42400800	DETECTABLE WARNINGS	SQ FT	22
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	20	35501304	HOT-MIX ASPHALT BASE COURSE, 5"	SQ YD	2,018	44000100	PAVEMENT REMOVAL	SQ YD	2,557
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	20	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	300	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	3,101
20800150	TRENCH BACKFILL	CU YD	224	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	4,539	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	307
21400100	GRADING AND SHAPING DITCHES	FOOT	20	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,304	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,221
25100105	MULCH METHOD 1	ACRE	0.15	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	3	44000600	SIDEWALK REMOVAL	SQ FT	324
25200100	SODDING	SQ YD	411	40600990	TEMPORARY RAMP	SQ YD	293	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
25200200	SUPPLEMENTAL WATERING	UNIT	6	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	283	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	156
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	225	40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	574	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	208
28000500	INLET AND PIPE PROTECTION	EACH	11	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	26	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	146
28100105	STONE RIPRAP, CLASS A3	SQ YD	15.6	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	152	55100500	STORM SEWER REMOVAL 12"	FOOT	14

REVISIONS											
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**SMS** Sheppard, Morgan & Schwaab, Inc.  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 215 Market Street, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com  
 DESIGN FIRM # 184-000992

CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 SUMMARY OF QUANTITIES

CONTRACT NO.  
97806

REF. BK. 5120 PG. 1  
 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023

SCALE:  
 SHEET 3 OF 27

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE				CONSTRUCTION TYPE CODE				CONSTRUCTION TYPE CODE			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
55100700	STORM SEWER REMOVAL 15"	FOOT	223	67100100	MOBILIZATION	L SUM	1	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	17
55100900	STORM SEWER REMOVAL 18"	FOOT	69	70300100	SHORT TERM PAVEMENT MARKING	FOOT	240	X5510010	STORM SEWER CONNECTION	EACH	1
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	80	X0326694	PLUG EXISTING STORM SEWERS	CU YD	2
60219570	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	2	* 72000100	SIGN PANEL - TYPE 1	SQ FT	48	X0327301	RELOCATE EXISTING MAILBOX	EACH	2
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	X1200108	INLET BOX, SPECIAL	EACH	2
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	68
60266600	VALVE BOXES TO BE ADJUSTED	EACH	3	* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	143	X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	4
60500060	REMOVING INLETS	EACH	3	* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	93.6	X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	3
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,293	* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,281	X6050700	REMOVE INLET BOX	EACH	1
60605300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)	FOOT	42	* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	123	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	60	* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	189	X7240500	RELOCATE EXISTING SIGNS	EACH	2
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	200	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	46	Z0056668	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	66
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	* 78200020	CURB REFLECTORS	EACH	10	Z0056669	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15"	FOOT	46
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	6	* DENOTES SPECIALTY ITEM			

REVISIONS											
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**SMS** Sheppard, Morgan & Schwaab, Inc.  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
2.15 Market Street, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com  
 DESIGN FIRM # 184-000992

CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 SUMMARY OF QUANTITIES

CONTRACT NO.  
97806

REF. BK. 5120 PG. 1  
 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023

SCALE:  
SHEET 4 OF 27

SIGNING SCHEDULE									
LOCATION STATION	LEGEND OR TYPE	MUTCD SIGN DESIGNATION	SIZE W X H (INCHES)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	RELOCATE SIGN PANEL ASSEMBLY - TYPE A (EACH)	RELOCATE EXISTING SIGNS (EACH)	SIGN PANEL TYPE 1 (SQ. FT.)	TELESCOPING STEEL SIGN SUPPORT (FT.)	REMARKS
12+36 RT.	SPEED LIMIT (25)	R2-1	18" X 24"	1			3	15	
19+98 RT.	PEDESTRIAN	W11-2(FYG)	30" X 30"				6.25	17	FLOURECENT YELLOW GREEN
	AHEAD	W16-9P(FYG)	24" X 12"				2		
21+48 RT.	PEDESTRIAN	W11-2(FYG)	30" X 30"				6.25	17	FLOURECENT YELLOW GREEN
	DOWNWARD DIAGNAL ARROW	W16-7P(FYG)	24" X 12"				2		
21+72 RT.	MCT BUS STOP	N/A	12" X 18"	1		1		14.5	RE-USE EXISTING SIGN ON NEW TSSS
21+55 LT.	PEDESTRIAN	W11-2(FYG)	30" X 30"				6.25	17	FLOURECENT YELLOW GREEN
	DOWNWARD DIAGNAL ARROW	W16-7P(FYG)	24" X 12"				2		
21+78 LT.	MCT BUS STOP	N/A	12" X 18"	1		1		14.5	RE-USE EXISTING SIGN ON NEW TSSS
22+16 LT.	NO PARKING	R8-3A	18" X 24"		1		3	15	RELOCATE TO STA. 22+28
23+50 LT.	PEDESTRIAN	W11-2(FYG)	30" X 30"				6.25	17	FLOURECENT YELLOW GREEN
	AHEAD	W16-9P(FYG)	24" X 12"				2		
AT DEVON CT.									
20+85 RT.	DEVON CT.	N/A	18" X 8"	1					
21+38 RT.	STOP SIGN	R1-1	30" X 30"				6.25	15.5	STOP SIGN FOR DEVON CT. TRAFFIC
	Devon Ct.	D3-1	24" X 8"	1			1.34		FIRST NAME OF EACH WORD ON STREET
	University Dr	D3-1	24" X 8"		1.34	NAMES SIGNS TO BE CAPITALIZED ONLY			
						(STREET NAMES MOUNTED ABOVE STOP SIGN)			
TOTAL					5	1	2	48	143

**SIGN SCHEDULE NOTES**

- ALL SIGNS SHALL BE LOCATED PER HIGHWAY STANDARD 720006 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- STOP SIGNS SHALL BE LOCATED ADJACENT TO THE STOP BAR.
- STREET NAME SIGNS SHALL BE GREEN, SHALL BE PRINTED ON BOTH SIDES AND SHALL HAVE WHITE TEXT. THE ACTUAL LENGTH REQUIRED SHALL BE AS NEEDED TO ACCOMMODATE THE TEXT AND SHALL BE DETERMINED BY THE SIGN MANUFACTURER.
- TELESCOPING STEEL SIGN SUPPORTS SHALL BE COATED BLACK IN COLOR. SEE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF PROPOSED SIGN POST, WHERE REQUIRED. THE LOCATIONS SHALL BE APPROVED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF PCC SIDEWALK.

SEEDING SCHEDULE		
LOCATION	SEEDING, CLASS 1B (MODIFIED) (ACRES)	MULCH METHOD 1 (ACRES)
UNIVERSITY DR. LT.	0.13	0.13
OTHER AREAS AS DIRECTED BY ENGINEER	0.02	0.02
TOTAL	0.15	0.15

SODDING SCHEDULE	
LOCATION	SODDING (SQ YD)
UNIVERSITY DR. RT.	361
OTHER AREAS AS DIRECTED BY ENGINEER	50
TOTAL	411

EARTHWORK SCHEDULE				
LOCATION	EARTH EXCAVATION (CUT) (CU. YD.)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE * (CU. YD.)	EMBANKMENT (FILL) (CU. YD.)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU. YD.)
STA. 17+28.85 TO STA. 23+50	988	741	115	626
<b>Total :</b>	<b>988</b>	<b>741</b>	<b>115</b>	<b>626</b>

\* ASSUME SHRINKAGE FACTOR = 25%

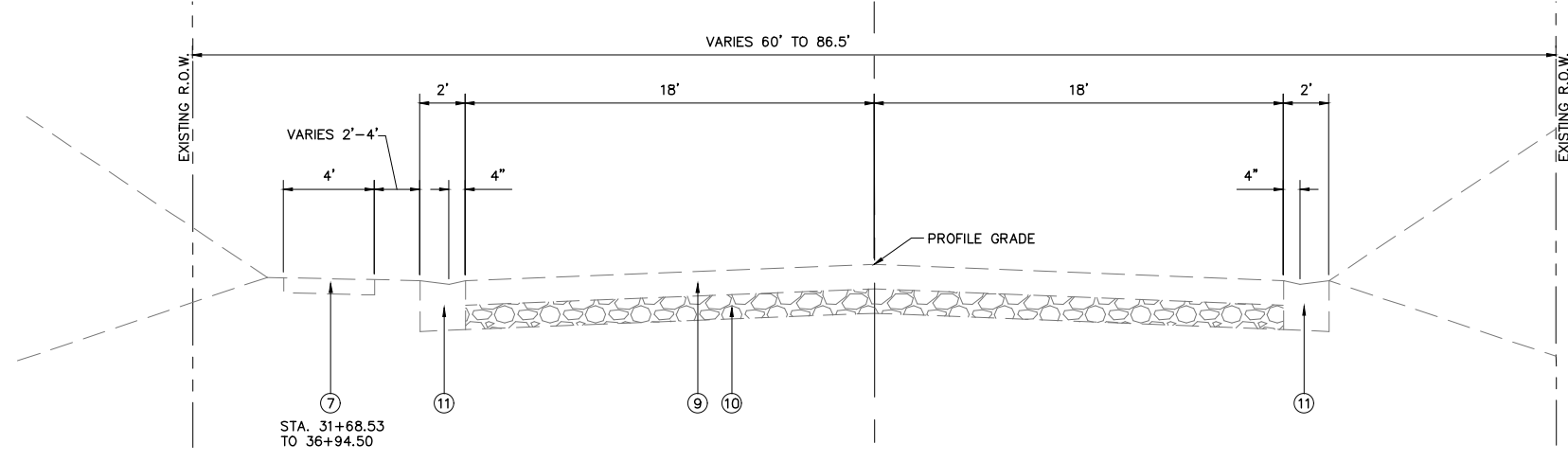
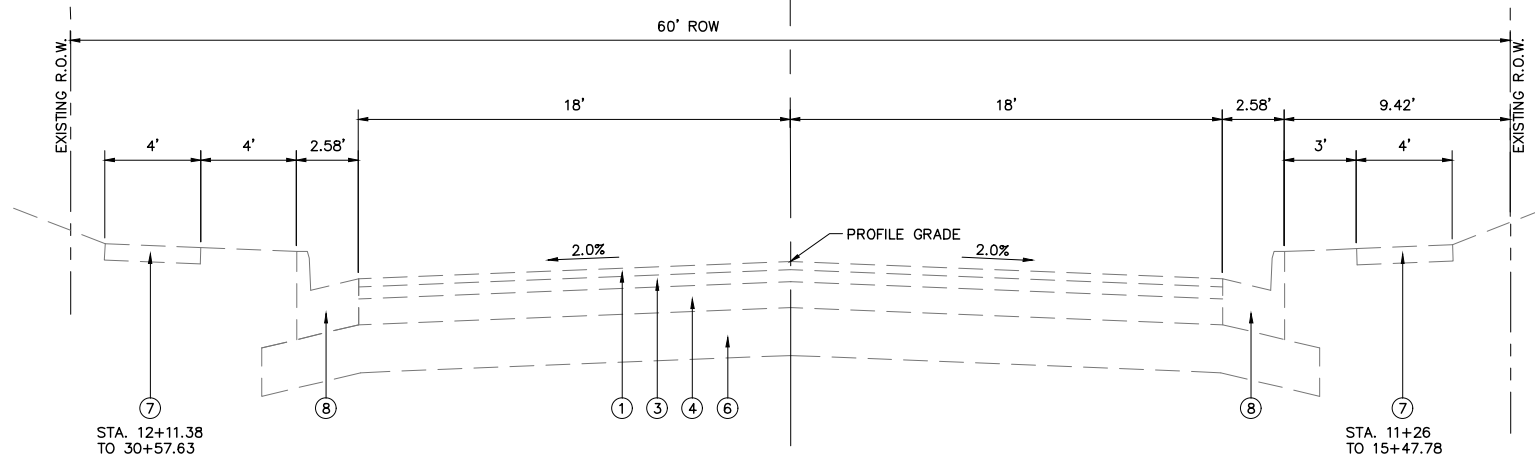
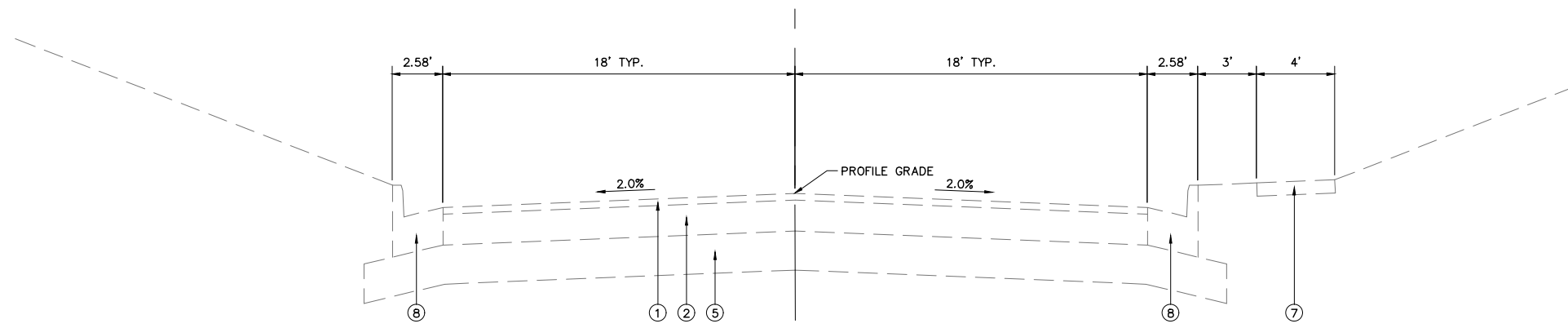
REVISIONS									
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**SMS** Sheppard, Morgan & Schwaab, Inc.  
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 215 Market Street, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com  
**ENGINEERS** DESIGN FIRM # 184-000992

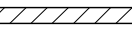
CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 SCHEDULES

CONTRACT NO. 97806


REF. BK. 5120 PG. 1  
 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023



### PAVING LEGEND

- ① EXISTING HMA SURFACE COURSE, MIX "C", N50, 2"
- ② EXISTING HMA BINDER COURSE, IL-19.0, N50, 9.5"
- ③ EXISTING HMA BINDER COURSE, 3-1/2"
- ④ EXISTING BITUMINOUS BASE COURSE, 6"
- ⑤ EXISTING LIME MODIFIED SOIL, 12"
- ⑥ EXISTING LIME MODIFIED SOIL, 6"
- ⑦ EXISTING P.C.C. SIDEWALK, 4"
- ⑧ EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.24 (TYP)
- ⑨ EXISTING HMA SURFACE COURSE, 4"
- ⑩ EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, TYPE A, 4"
- ⑪ EXISTING CONCRETE CURB AND GUTTER (MOUNTABLE)
- ⑫ PROPOSED HMA SURFACE REMOVAL, 2" SHOWN AS 
- ⑬ PROPOSED BITUMINOUS MATERIALS (TACK COAT) (SSI-VH)
- ⑭ PROPOSED HMA SURFACE COURSE, MIX "C", N70, 2"
- ⑮ PROPOSED HMA BINDER COURSE, N70, 2-1/2"
- ⑯ PROPOSED HMA BASE COURSE, 5"
- ⑰ PROPOSED AGGREGATE BASE COURSE, TYPE A, 12"
- ⑱ PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- ⑲ PROPOSED P.C.C. SIDEWALK, 5"
- ⑳ PROPOSED COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ㉑ PROPOSED P.C.C. SIDEWALK, 4"

NO.	DESCRIPTION

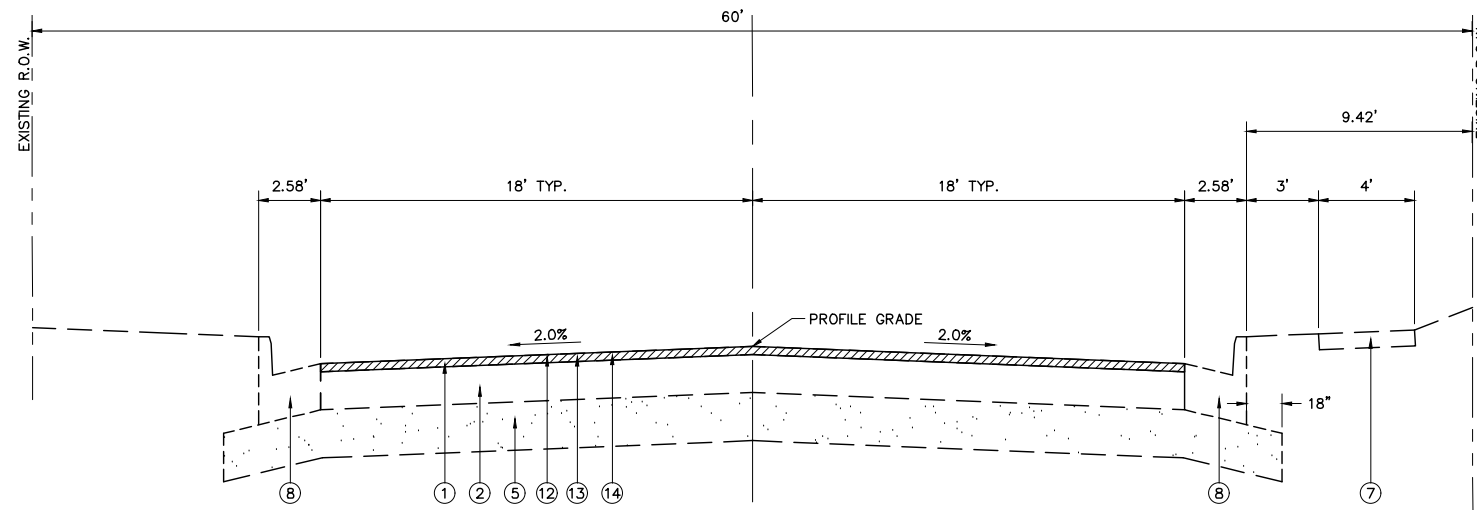

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 215 Market Street, Alton, IL 62002 618.462.9755 E-mail: mail@smsengineers.com  
 DESIGN FIRM # 184-000992

CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 TYPICAL SECTIONS

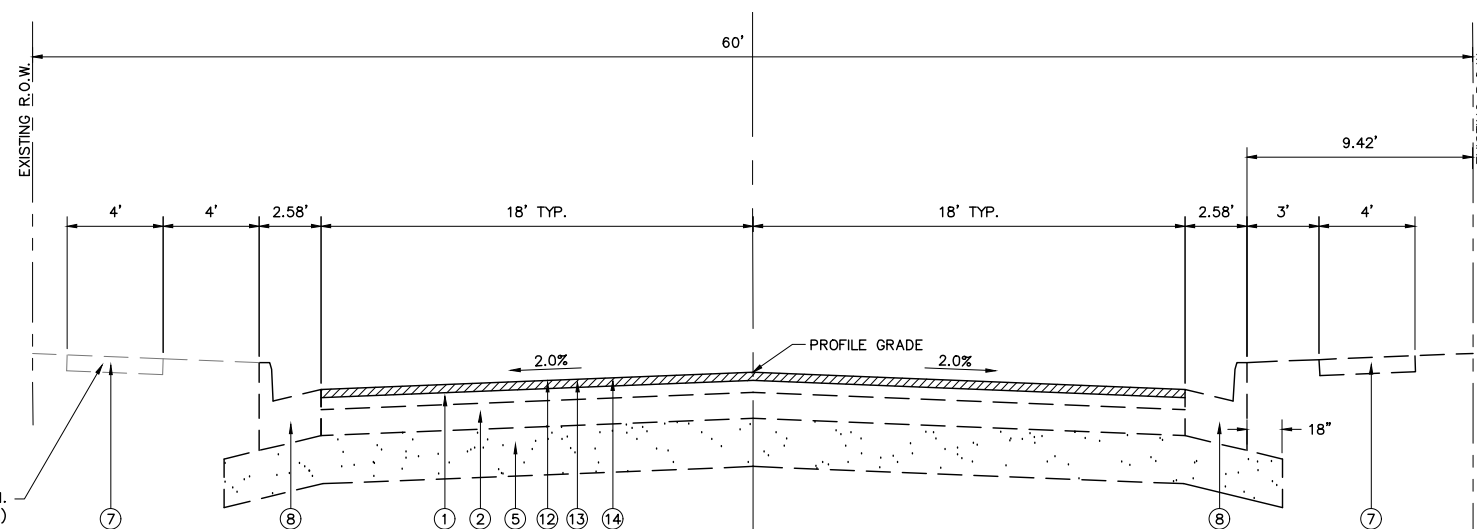
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REF. BK. 5120 PG. 1  
 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023

SCALE: NONE



**PROPOSED TYPICAL SECTION**  
 STA. 10+30.30 TO STA. 11+26  
 (N.T.S.)



**PROPOSED TYPICAL SECTION**  
 STA. 11+26 TO STA. 17+28.85  
 (N.T.S.)

**PAVING LEGEND**

- ① EXISTING HMA SURFACE COURSE, MIX "C", N50, 2"
- ② EXISTING HMA BINDER COURSE, IL-19.0, N50, 9.5"
- ③ EXISTING HMA BINDER COURSE, 3-1/2"
- ④ EXISTING BITUMINOUS BASE COURSE, 6"
- ⑤ EXISTING LIME MODIFIED SOIL, 12"
- ⑥ EXISTING LIME MODIFIED SOIL, 6"
- ⑦ EXISTING P.C.C. SIDEWALK, 4"
- ⑧ EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.24 (TYP)
- ⑨ EXISTING HMA SURFACE COURSE, 4"
- ⑩ EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, TYPE A, 4"
- ⑪ EXISTING CONCRETE CURB AND GUTTER (MOUNTABLE)
- ⑫ PROPOSED HMA SURFACE REMOVAL, 2" SHOWN AS-
- ⑬ PROPOSED BITUMINOUS MATERIALS (TACK COAT) (SSI-VH)
- ⑭ PROPOSED HMA SURFACE COURSE, MIX "C", N70, 2"
- ⑮ PROPOSED HMA BINDER COURSE, N70, 2-1/2"
- ⑯ PROPOSED HMA BASE COURSE, 5"
- ⑰ PROPOSED AGGREGATE BASE COURSE, TYPE A, 12"
- ⑱ PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- ⑲ PROPOSED P.C.C. SIDEWALK, 5"
- ⑳ PROPOSED COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ㉑ PROPOSED P.C.C. SIDEWALK, 4"

MIXTURE REQUIREMENTS		
MIXTURE USE	SURFACE	BINDER/BASE
PG	PG 64-22	PG 64-22
RAP % (MAX.)	10%	15%
DESIGN AIR VOIDS	4.0% @ Ndes = 70	4.0% @ Ndes = 70
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5	IL-19.0
FRICITION AGG.	MIXTURE C	MIXTURE B
MIXTURE WEIGHT	112 LB/SQ YD/IN	112 LB/SQ YD/IN

REVISIONS

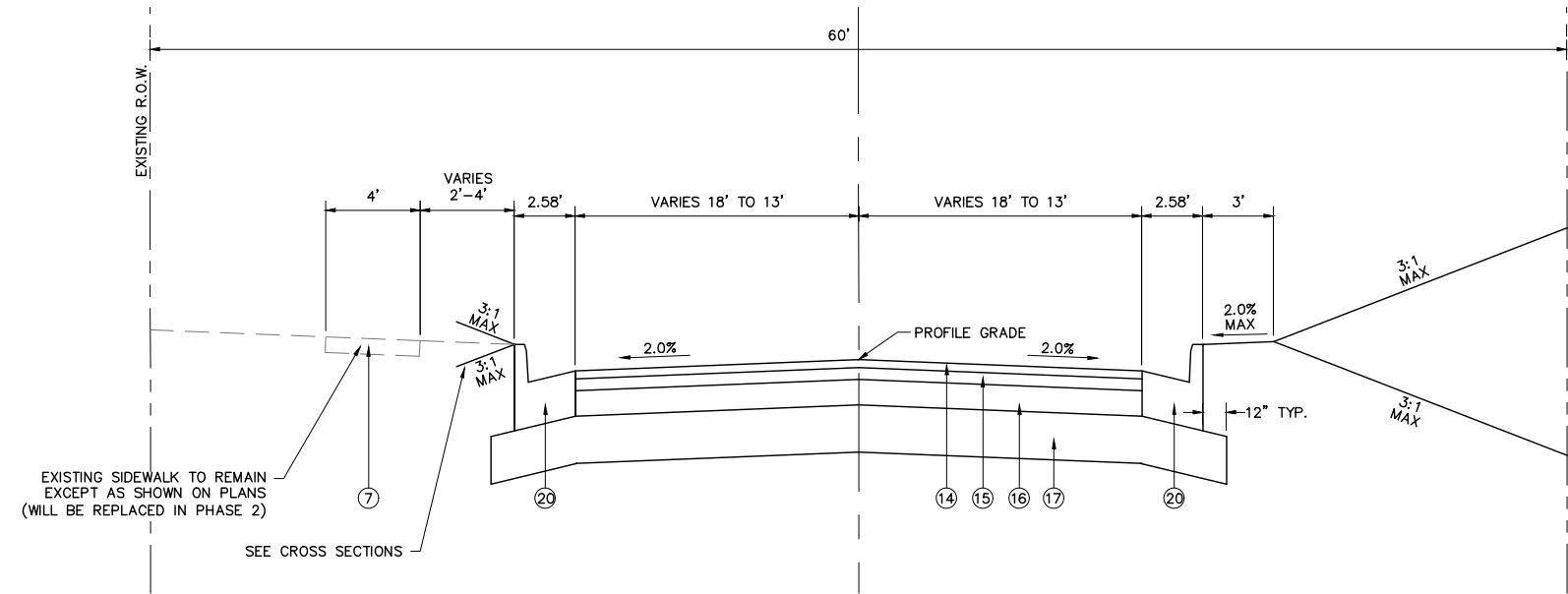
**SMS ENGINEERS**  
 Sheppard, Morgan & Schwab, Inc.  
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CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 TYPICAL SECTIONS

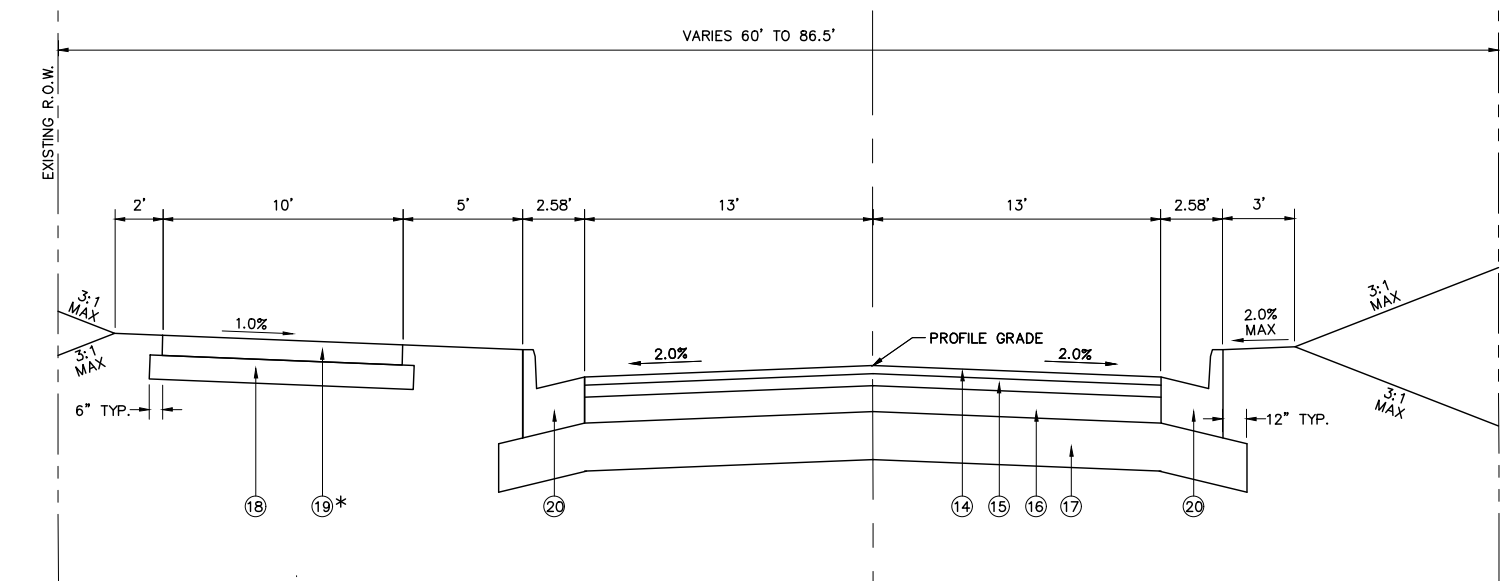
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 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023

SCALE: NONE  
 SHEET 7 OF 27



**PROPOSED TYPICAL SECTION**  
 STA. 17+28.85 TO STA. 22+52.50  
 STA. 23+51.50 TO STA. 23+50  
 (N.T.S.)



**PROPOSED TYPICAL SECTION**  
 STA. 22+52.50 TO STA. 23+51.50  
 (N.T.S.)

**PAVING LEGEND**

- ① EXISTING HMA SURFACE COURSE, MIX "C", N50, 2"
- ② EXISTING HMA BINDER COURSE, IL-19.0, N50, 9.5"
- ③ EXISTING HMA BINDER COURSE, 3-1/2"
- ④ EXISTING BITUMINOUS BASE COURSE, 6"
- ⑤ EXISTING LIME MODIFIED SOIL, 12"
- ⑥ EXISTING LIME MODIFIED SOIL, 6"
- ⑦ EXISTING P.C.C. SIDEWALK, 4"
- ⑧ EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.24 (TYP)
- ⑨ EXISTING HMA SURFACE COURSE, 4"
- ⑩ EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, TYPE A, 4"
- ⑪ EXISTING CONCRETE CURB AND GUTTER (MOUNTABLE)
- ⑫ PROPOSED HMA SURFACE REMOVAL, 2" SHOWN AS-
- ⑬ PROPOSED BITUMINOUS MATERIALS (TACK COAT) (SSI-VH)
- ⑭ PROPOSED HMA SURFACE COURSE, MIX "C", N70, 2"
- ⑮ PROPOSED HMA BINDER COURSE, N70, 2-1/2"
- ⑯ PROPOSED HMA BASE COURSE, 5"
- ⑰ PROPOSED AGGREGATE BASE COURSE, TYPE A, 12"
- ⑱ PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- ⑲ PROPOSED P.C.C. SIDEWALK, 5"
- ⑳ PROPOSED COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ㉑ PROPOSED P.C.C. SIDEWALK, 4"

MIXTURE REQUIREMENTS		
MIXTURE USE	SURFACE	BINDER/BASE
PG	PG 64-22	PG 64-22
RAP % (MAX.)	10%	15%
DESIGN AIR VOIDS	4.0% @ Ndes = 70	4.0% @ Ndes = 70
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5	IL-19.0
FRICTION AGG.	MIXTURE C	MIXTURE B
MIXTURE WEIGHT	112 LB/SQ YD/IN	112 LB/SQ YD/IN

REVISIONS

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**ENGINEERS** DESIGN FIRM # 184-000992

CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 TYPICAL SECTIONS

CONTRACT NO.  
 97806

REF. BK. 5120 PG. 1  
 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023

SCALE: NONE



**CENTERLINE CURVE DATA**

**CURVE NO. 1**  
P.I. STA.=12+67.64  
L=63'09"05"  
T=153.11'  
R=249.11'  
L=274.57'  
E=X.XX'  
P.C. STA.=11+14.53  
P.T. STA.=13+89.10  
SUPER ELEV.=NONE

N/F  
**CARRINGTON HOMES INC.**  
14-2-15-15-01-102-035

LOT 1

N/F  
**GRANITE CITY HOSPITAL CO., LLC**  
14-2-15-15-01-102-036

**FINAL PLAT OF THE HOME NURSERY PARCELS**  
PC. 65, PG. 41

LOT 3

N/F  
**JAK PROPERTIES LLC**  
14-2-15-15-01-102-037

LOT 4

**UNIVERSITY DR.**  
(HMA)

CURVE 1

12+00

13+00

14+00

15+00

MATCH LINE STA. 15+30

25 SQ. FT.  
PCC SIDEWALK, 4"  
(ADA PASSING SPACE)

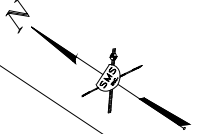
25 SQ. FT.  
PCC SIDEWALK, 4"  
(ADA PASSING SPACE)

N/F  
**CITIZENS EQUITY FIRST CREDIT**  
14-2-15-15-01-102-038.01C

**RELIANCE BANK BLDG CONDO**  
PC. 64, PG. 159

BEGIN PROJECT  
PHASE 1  
STA. 10+30.00

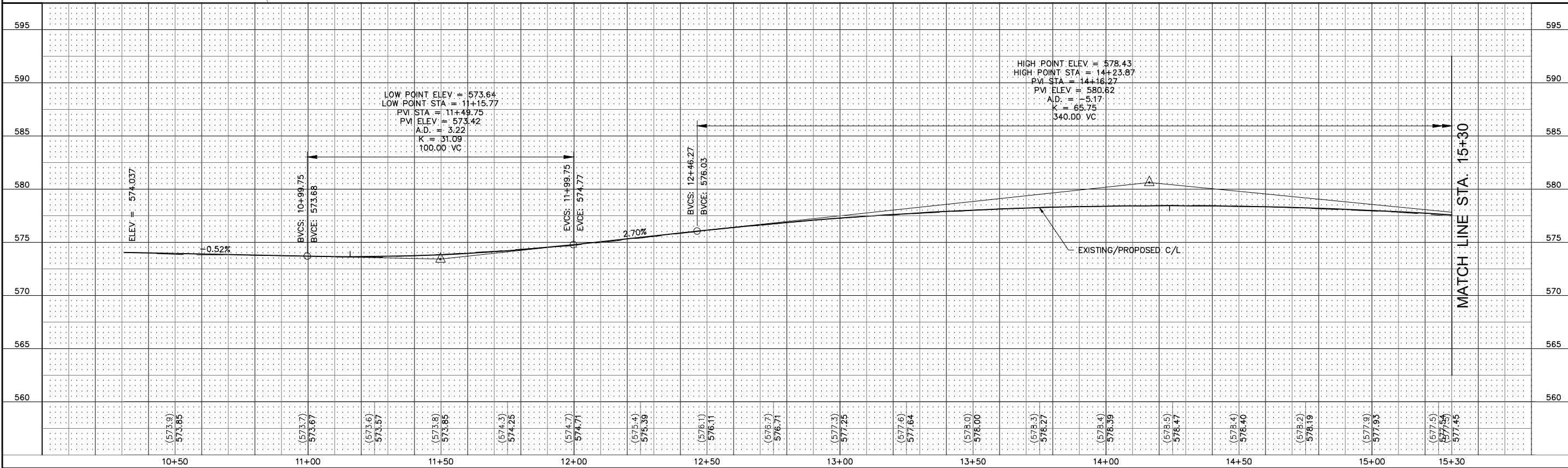
**ILLINOIS ROUTE 157**



REVISIONS

**SMS** Sheppard, Morgan & Schwab, Inc.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
DESIGN FIRM # 184-000992

NOTE:  
EXACT LOCATION OF 5'x5' ADA PASSING SPACES SHALL  
BE DETERMINED BY ENGINEER. 200' MAX SPACING



CITY OF EDWARDSVILLE, IL  
SECTION 19-00113-00-PV (PHASE 1)  
UNIVERSITY DRIVE IMPROVEMENTS  
PLAN AND PROFILE

CONTRACT NO.  
97806

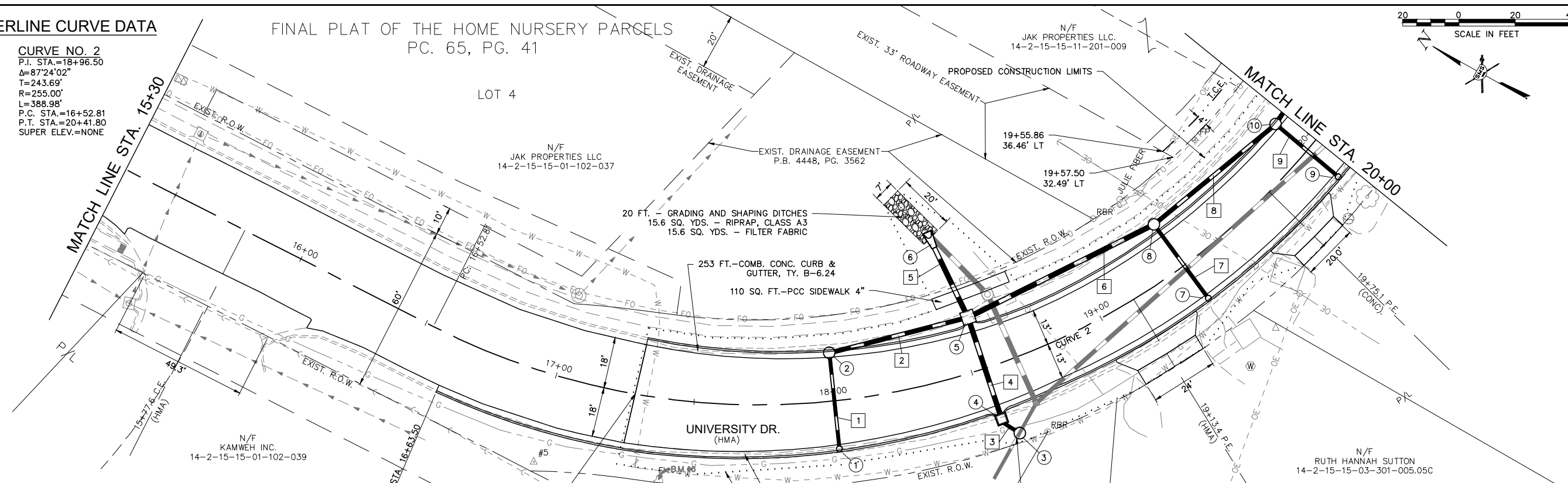
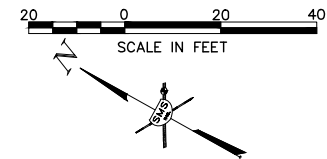
REF. BK. 5120 PG. 1  
JOB NO. 520540.1  
DSN. BY: CDD  
DWN. BY: CAD  
CHK. BY: CDD  
DATE: FEBRUARY, 2023

SCALE: 1" = 20' HORZ.  
1" = 5' VERT.

**CENTERLINE CURVE DATA**

**CURVE NO. 2**  
 P.I. STA.=18+96.50  
 $\Delta=87^{\circ}24'02''$   
 $T=243.69'$   
 $R=255.00'$   
 $L=388.98'$   
 P.C. STA.=16+52.81  
 P.T. STA.=20+41.80  
 SUPER ELEV.=NONE

**FINAL PLAT OF THE HOME NURSERY PARCELS**  
 PC. 65, PG. 41



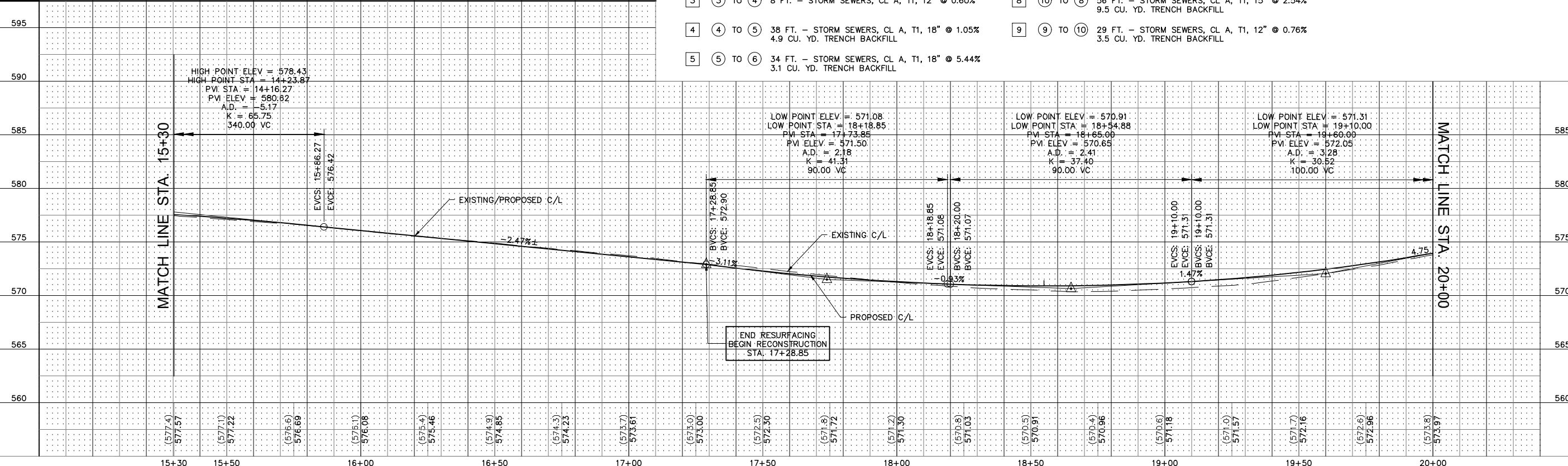
**DRAINAGE STRUCTURES**

- ① INLET TY. A-3V  
STA. 18+00, 17.16' RT.  
T.C. = 571.37  
12" N.E. F.L. = 568.70
- ② INLET TY. B-3V  
STA. 18+00, 17.16' LT.  
T.C. = 571.37  
12" S.W. F.L. = 568.53  
15" S.E. F.L. = 568.28
- ③ INLET TY. B - CLOSED LID  
STA. 18+59, 25.8' RT.  
(CTR. OF STRUCTURE)  
LID = 571.15  
12" S.W. F.L. = 568.10± (EXIST.)\*  
12" N. F.L. = 568.00\*  
\*CONTRACTOR TO VERIFY PRIOR TO CASTING STRUCTURE.
- ④ INLET BOX SPECIAL (3'X3')  
STA. 18+54.88, 18.89' RT.  
LID = 571.02  
12" S. F.L. = 567.95  
18" N.E. = 567.85
- ⑤ INLET BOX, SPECIAL (3.5' X 3.5')  
STA. 18+54.88, 19.14' LT.  
LID = 571.02  
18" S.W. F.L. = 567.45  
15" N.W. F.L. = 567.70  
18" S.E. F.L. = 567.45  
18" N.E. F.L. = 567.35
- ⑥ PROF. END SECTION, 18"  
STA. 18+49.44, 52.42' LT.  
18" F.L. = 565.50
- ⑦ INLET TY. A-3V  
STA. 19+35, 14.54' RT.  
T.C. = 571.91  
12" N.E. F.L. = 568.91
- ⑧ M.H. TY A-4' DIA., CLOSED LID  
STA. 19+35, 18.08' LT.  
(CTR. OF STRUCTURE)  
LID = 571.94  
12" S.W. F.L. = 568.58  
15" S.E. F.L. = 568.33  
18" N.W. F.L. = 568.08
- ⑨ INLET T.Y. A-3V  
STA. 19+95, 14.54' RT.  
T.C. = 573.87  
12" N. F.L. = 570.87
- ⑩ MANHOLE TY. A. 4' DIA. - 3V  
STA. 19+95, 14.54' LT.  
T.C. = 573.87  
12" S. F.L. = 570.65  
15" E. F.L. = 569.85  
15" W. F.L. = 569.75

END RESURFACING  
 BEGIN RECONSTRUCTION  
 STA. 17+28.85

**STORM SEWERS**

- ① ① TO ② 34 FT. - STORM SEWERS, CL A, T1, 12" @ 0.50%  
3.1 CU. YD. TRENCH BACKFILL
- ② ② TO ⑤ 51 FT. - STORM SEWERS, CL A, T1, 15" @ 1.14%  
7.3 CU. YD. TRENCH BACKFILL
- ③ ③ TO ④ 8 FT. - STORM SEWERS, CL A, T1, 12" @ 0.60%
- ④ ④ TO ⑤ 38 FT. - STORM SEWERS, CL A, T1, 18" @ 1.05%  
4.9 CU. YD. TRENCH BACKFILL
- ⑤ ⑤ TO ⑥ 34 FT. - STORM SEWERS, CL A, T1, 18" @ 5.44%  
3.1 CU. YD. TRENCH BACKFILL
- ⑥ ⑧ TO ⑤ 74 FT. - STORM SEWERS, CL A, T1, 18" @ 0.85%  
14.3 CU. YD. TRENCH BACKFILL
- ⑦ ⑦ TO ⑧ 33 FT. - STORM SEWERS, CL A, T1, 12" @ 1.00%  
3.8 CU. YD. TRENCH BACKFILL
- ⑧ ⑩ TO ⑧ 56 FT. - STORM SEWERS, CL A, T1, 15" @ 2.54%  
9.5 CU. YD. TRENCH BACKFILL
- ⑨ ⑨ TO ⑩ 29 FT. - STORM SEWERS, CL A, T1, 12" @ 0.76%  
3.5 CU. YD. TRENCH BACKFILL



REVISIONS

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 DESIGN FIRM # 184-000992

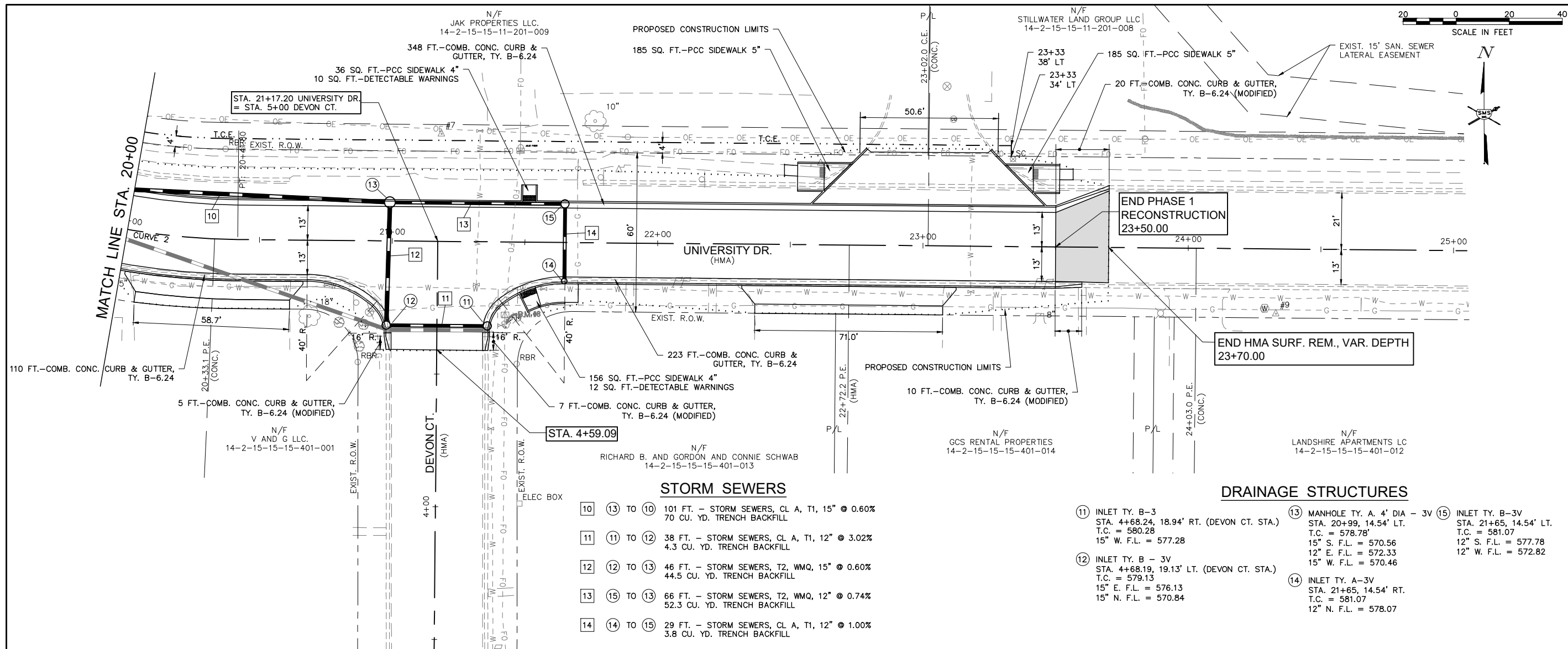
CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 PLAN AND PROFILE

CONTRACT NO. 97806

REF. BK. 5120 PG. 1  
 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023

SCALE: 1" = 20' HORZ.  
 1" = 5' VERT.

SHEET 10 OF 27

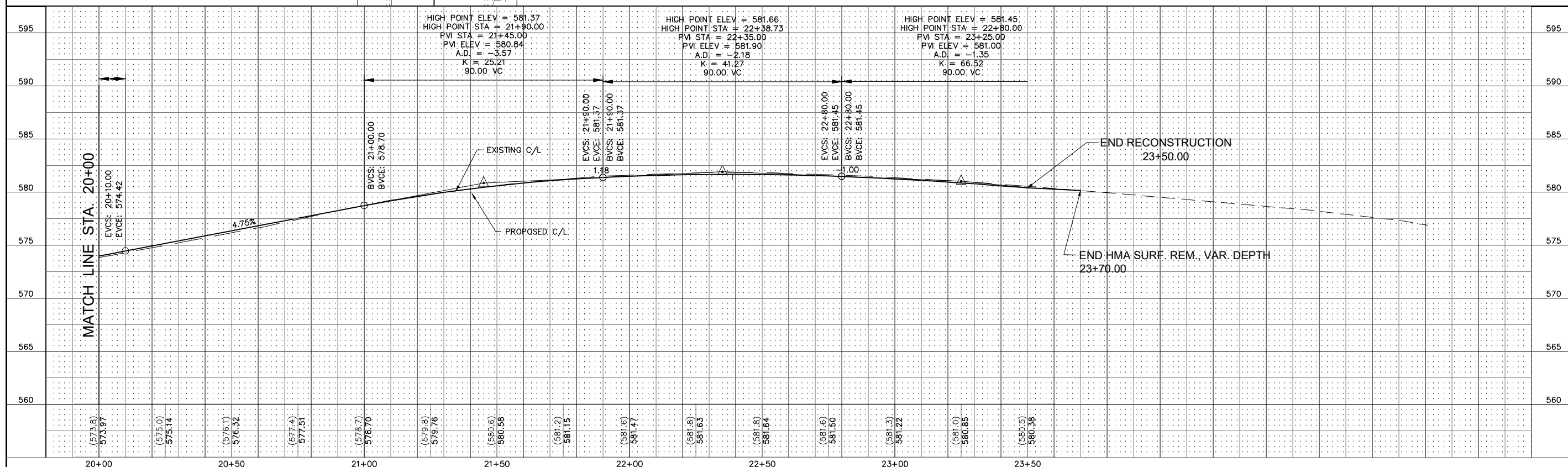


**STORM SEWERS**

- 10 101 FT. - STORM SEWERS, CL A, T1, 15" @ 0.60%  
70 CU. YD. TRENCH BACKFILL
- 11 38 FT. - STORM SEWERS, CL A, T1, 12" @ 3.02%  
4.3 CU. YD. TRENCH BACKFILL
- 12 46 FT. - STORM SEWERS, T2, WMQ, 15" @ 0.60%  
44.5 CU. YD. TRENCH BACKFILL
- 13 66 FT. - STORM SEWERS, T2, WMQ, 12" @ 0.74%  
52.3 CU. YD. TRENCH BACKFILL
- 14 29 FT. - STORM SEWERS, CL A, T1, 12" @ 1.00%  
3.8 CU. YD. TRENCH BACKFILL

**DRAINAGE STRUCTURES**

- 11 INLET TY. B-3  
STA. 4+68.24, 18.94' RT. (DEVON CT. STA.)  
T.C. = 580.28  
15" W. F.L. = 577.28
- 12 INLET TY. B - 3V  
STA. 4+68.19, 19.13' LT. (DEVON CT. STA.)  
T.C. = 579.13  
15" E. F.L. = 576.13  
15" N. F.L. = 570.84
- 13 MANHOLE TY. A. 4' DIA - 3V  
STA. 20+99, 14.54' LT.  
T.C. = 578.78'  
15" S. F.L. = 570.56  
12" E. F.L. = 572.33  
15" W. F.L. = 570.46
- 14 INLET TY. A-3V  
STA. 21+65, 14.54' RT.  
T.C. = 581.07  
12" N. F.L. = 578.07
- 15 INLET TY. B-3V  
STA. 21+65, 14.54' LT.  
T.C. = 581.07  
12" S. F.L. = 577.78  
12" W. F.L. = 572.82



NO.	DESCRIPTION

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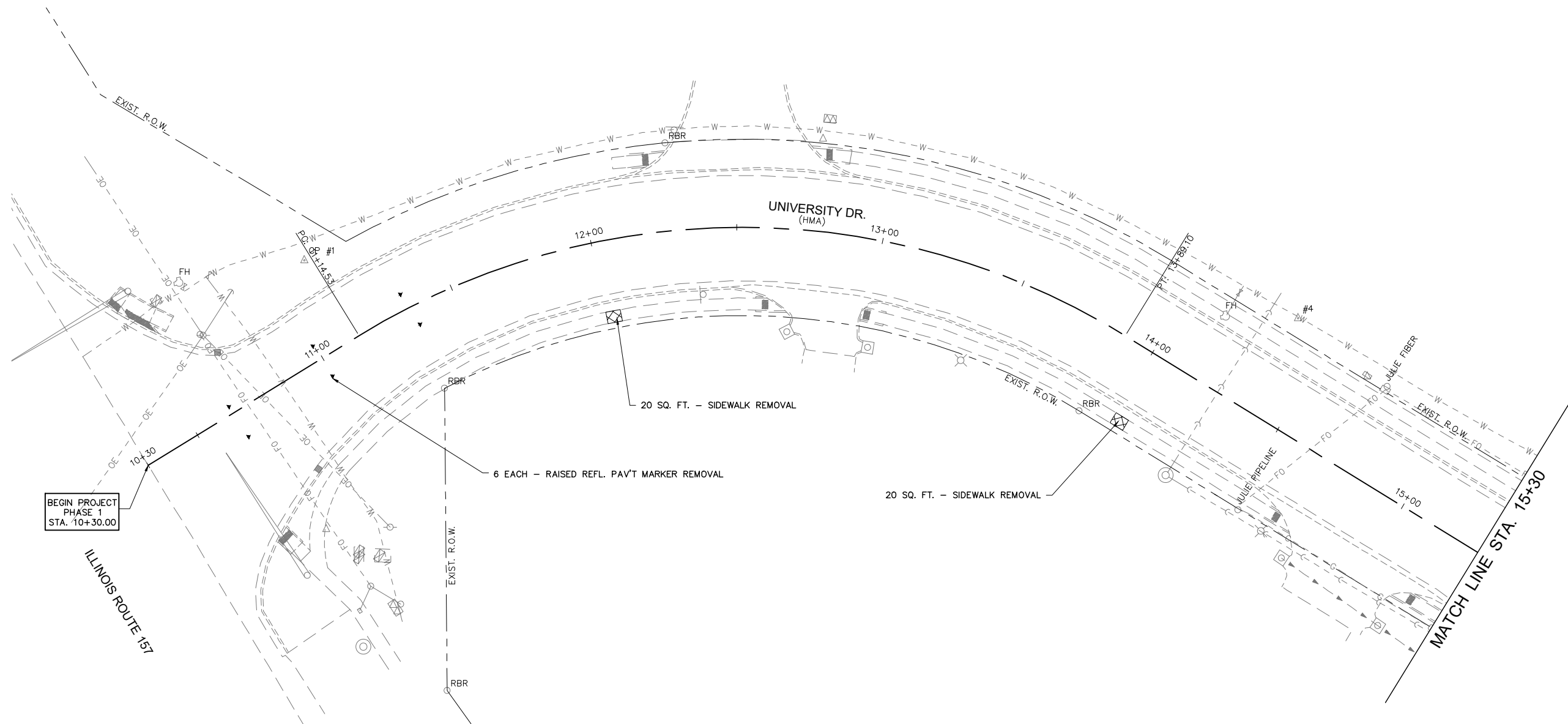
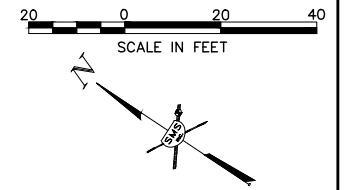
CITY OF EDWARDSVILLE, IL  
SECTION 19-00113-00-PV (PHASE 1)  
UNIVERSITY DRIVE IMPROVEMENTS  
PLAN AND PROFILE

CONTRACT NO. 97806

REF. BK. 5120 PG. 1
JOB NO. 520540.1
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DWN. BY: CAD
CHK. BY: CDD
DATE: FEBRUARY, 2023

SCALE: 1" = 20' HORZ.  
1" = 5' VERT.

SHEET 11 OF 27



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CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 REMOVAL PLAN

CONTRACT NO.  
 97806

REF. BK. 5120 PG. 1  
 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023

NOTE:  
 EXACT LOCATION OF 5'x5' ADA PASSING SPACES SHALL  
 BE DETERMINED BY ENGINEER. 200' MAX SPACING

SCALE: 1" = 20'  
 SHEET 12 OF 27





GENERAL TRAFFIC CONTROL PLAN  
SCALE: 1"=300'



TRAFFIC DETOUR PLAN  
UNIVERSITY DRIVE  
SCALE: 1"=300'

**TRAFFIC CONTROL NOTES**

1. THE CONTRACTOR SHALL PROVIDE THE TRAFFIC CONTROL SHOWN ON THE GENERAL TRAFFIC CONTROL PLAN AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED BELOW AND IN ACCORDANCE WITH THE SPECIFIED HIGHWAY STANDARDS AND THE SPECIAL PROVISIONS OF THE CONTRACT.
2. AT TIMES WHEN ALL TRAFFIC LANES ARE OPEN, PROVIDE TRAFFIC CONTROL AS NEEDED PER HIGHWAY STANDARD 701006, 701301 OR 701501.
3. UNIVERSITY DR. WILL BE ALLOWED TO BE CLOSED TO THROUGH TRAFFIC AT APPROPRIATE STAGES OF THE PROJECT. LOCAL RESIDENTS SHALL BE ALLOWED TO HAVE ACCESS TO THEIR PROPERTY AT ALL TIMES DURING CONSTRUCTION TO THE MAXIMUM EXTENT POSSIBLE IF THEY ARE AFFECTED BY THE ROAD CLOSURE. THE TEMPORARY CLOSURE OF RESIDENTIAL DRIVEWAYS SHALL BE COORDINATED WITH EACH RESIDENT. AGGREGATE FOR TEMPORARY ACCESS SHALL BE USED TO MAINTAIN ACCESS, WHEN REQUIRED, THE CONTRACTOR SHALL PLACE AND MAINTAIN AGGREGATE FOR TEMPORARY ACCESS AS DIRECTED BY THE RESIDENT ENGINEER.
4. WHERE A HIGHWAY STANDARD REQUIRES A "ROAD CONSTRUCTION AHEAD" SIGN, THIS REQUIREMENT WILL BE CONSIDERED FULFILLED BY THE SIGNS REQUIRED ON THE GENERAL TRAFFIC CONTROL PLAN.
5. ALL HAZARDS WITHIN WORK ZONES SHALL BE PROTECTED WITH TYPE I BARRICADES OR DRUMS WITH FLASHING LIGHTS.
6. ALL CONSTRUCTION SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"
7. IF THE CONTRACTOR WISHES TO DEVIATE FROM THIS TRAFFIC CONTROL PLAN, HE SHALL PROVIDE A REVISED TRAFFIC CONTROL PLAN IN WRITING FOR THE REVIEW AND APPROVAL OF THE ENGINEER.
8. CONTRACTOR SHALL NOTIFY THE CITY OF EDWARDSVILLE PUBLIC WORKS (692-7535), CITY OF EDWARDSVILLE POLICE (656-2131) AND FIRE (692-7542) DEPARTMENTS, THE CITY OF EDWARDSVILLE POSTMASTER (656-8460), EDWARDSVILLE SCHOOLS (656-0125), AND MADISON COUNTY TRANSIT (797-4600) AT LEAST ONE (1) WEEK PRIOR TO ANY ANTICIPATED CLOSURE / DETOURING OF UNIVERSITY DR. FOR SAID AGENCIES PLANNING PURPOSES. CONTRACTOR SHALL ALSO NOTIFY THESE AGENCIES THE DAY THE STREETS ARE RE-OPENED TO TRAFFIC.
9. THE ABOVE DETOUR PLAN SHOWS THE PROPOSED DETOUR FOR THE RECONSTRUCTION AREA OF UNIVERSITY DR. ONLY. ANY ROAD CLOSURES OR DETOURS REQUIRED FOR PAVING OR OTHER WORK SHALL FOLLOW THE APPROPRIATE HIGHWAY STANDARDS AND BE APPROVED BY THE CITY OF EDWARDSVILLE PRIOR TO BEING IMPLEMENTED.
10. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO NOT DISRUPT SCHOOL BUS TRAFFIC. WORK SHOULD BE PLANNED TO AVOID PICKUP AND DROP OFF TIMES. ANY CONSTRUCTION THAT COULD DISRUPT SCHOOL TRAFFIC SHALL BE PLANNED WITH AND COORDINATED THROUGH THE SCHOOL AT (618) 656-0125.
11. MAIL DELIVERY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION
12. FOR CONSTRUCTION PLANNING PURPOSES, TRASH DAY FOR THE PROJECT AREA. IS SCHEDULED FOR PICKUP EACH FRIDAY. THE CONTRACTOR SHALL NOTIFY REPUBLIC SERVICES AT 656-6883 AT LEAST ONE WEEK PRIOR TO THE CLOSURE OF ANY STREET. TRASH COLLECTION SERVICES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

**TRAFFIC CONTROL LEGEND**

- |  |   |  |  |  |        |
|--|---|--|--|--|--------|
|  | WORK AREA   |  | SIGN M4-9R 30" x 24"                               |  | DETOUR |
|  | TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS (ACTUAL NUMBER OF BARRICADES REQUIRED MAY VARY) |  | SIGN M4-9L 30" x 24"                               |  | DETOUR |
|  | DRUM OR BARRICADE   |  | SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"    |  | DETOUR |
|  | SIGN "ROAD CONSTRUCTION AHEAD" W20-1(0) - 48" x 48" WITH MONODIRECTIONAL FLASHING LIGHT   |  | SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"    |  | DETOUR |
|  | SIGN "ROAD CLOSED AHEAD" W20-3 48" x 48"  |  | SIGN M4-8 24" x 12"                                |  | DETOUR |
|  | SIGN "ROAD CLOSED" R11-2 48" x 30"  |  | SIGN BLACK ARROW ON ORANGE BACKGROUND 18" x 18"    |  | DETOUR |
|  | SIGN "DETOUR AHEAD" W 20-2 48' x 48"  |  | SIGN "ROAD CLOSED TO THRU TRAFFIC" R11-2 48" X 30" |  |        |
|  | SIGN "UNIVERSITY DR." BLACK LETTERS ON ORANGE BACKGROUND 24" x 24"  |  |  |  |        |

REVISIONS
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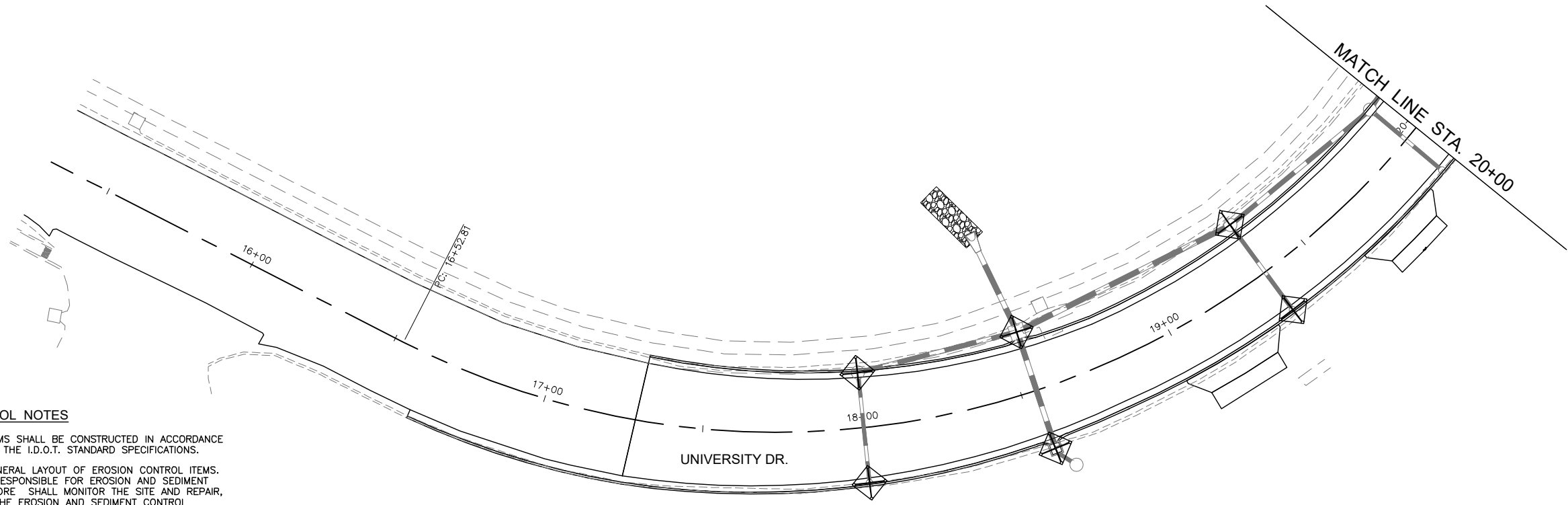
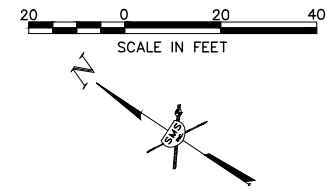
CITY OF EDWARDSVILLE, IL  
SECTION 19-00113-00-PV (PHASE 1)  
UNIVERSITY DRIVE IMPROVEMENTS  
TRAFFIC CONTROL AND DETOUR PLAN

CONTRACT NO.  
97806

REF. BK. 5120 PG. 1  
JOB NO. 520540.1  
DSN. BY: CDD  
DWN. BY: CAD  
CHK. BY: CDD  
DATE: FEBRUARY, 2023

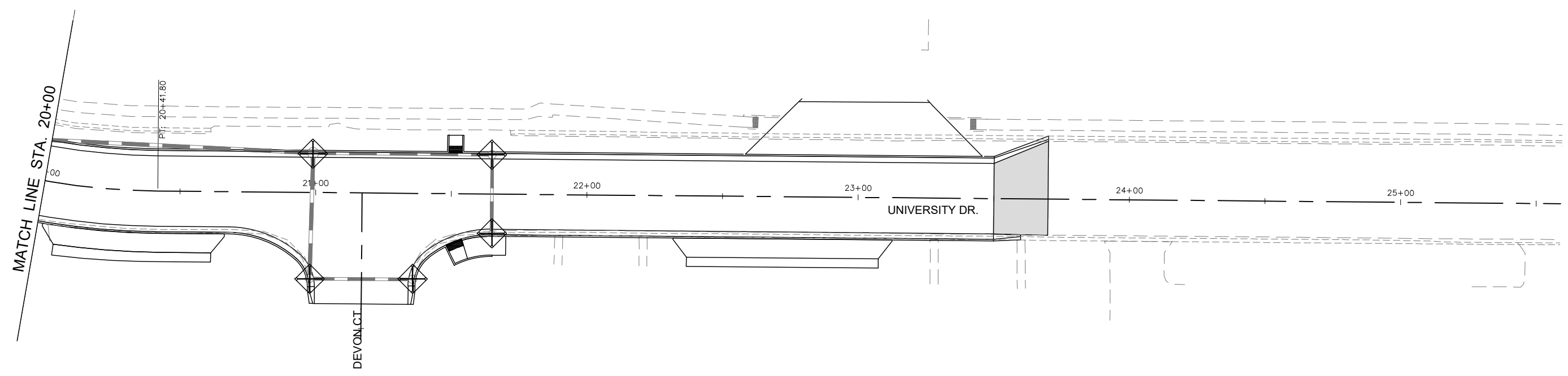
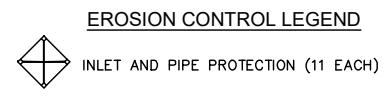
SCALE: 1" = 300'

SHEET 14 OF 27



**EROSION CONTROL NOTES**

1. EROSION CONTROL ITEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 280 OF THE I.D.O.T. STANDARD SPECIFICATIONS.
2. THIS PLAN SHOWS GENERAL LAYOUT OF EROSION CONTROL ITEMS. THE CONTRACTOR IS RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL AND THEREFORE SHALL MONITOR THE SITE AND REPAIR, MAINTAIN OR MODIFY THE EROSION AND SEDIMENT CONTROL MEASURES AS NEEDED TO COMPLY WITH REGULATIONS.
3. THE CONTRACTOR FOR THIS PROJECT SHALL COMPLY WITH THE ILLINOIS E.P.A. NPDES PERMIT NO. ILR10 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.
4. THIS EROSION CONTROL PLAN SUPPLEMENTS THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT AND INCLUDED IN THE SPECIAL PROVISIONS.
5. THE CONTRACTOR IS REQUIRED TO RETAIN A COPY OF THE SWPPP ON SITE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
6. CONSTRUCTION AND DRIVEWAY ENTRANCES SHALL BE STABILIZED WITH CRUSHED STONE TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF AGGREGATE FOR TEMPORARY ACCESS.
7. TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED IN ACCORDANCE WITH THE SWPPP.
8. THE CONTRACTOR SHALL PROVIDE TEMPORARY INLET AND PIPE PROTECTION AT ALL STORM SEWER PIPE AND INLET STRUCTURES AS REQUIRED TO INTERCEPT WATER BORNE SILT AND SEDIMENT AND PREVENT IT FROM ENTERING STORM SEWER SYSTEMS. THIS ITEM MAY CONSIST OF METHODS SHOWN ON HWY. STD. 280001-07.



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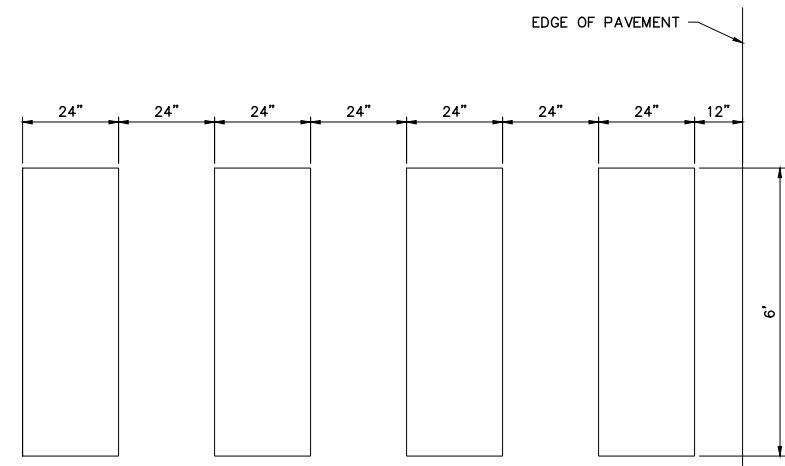
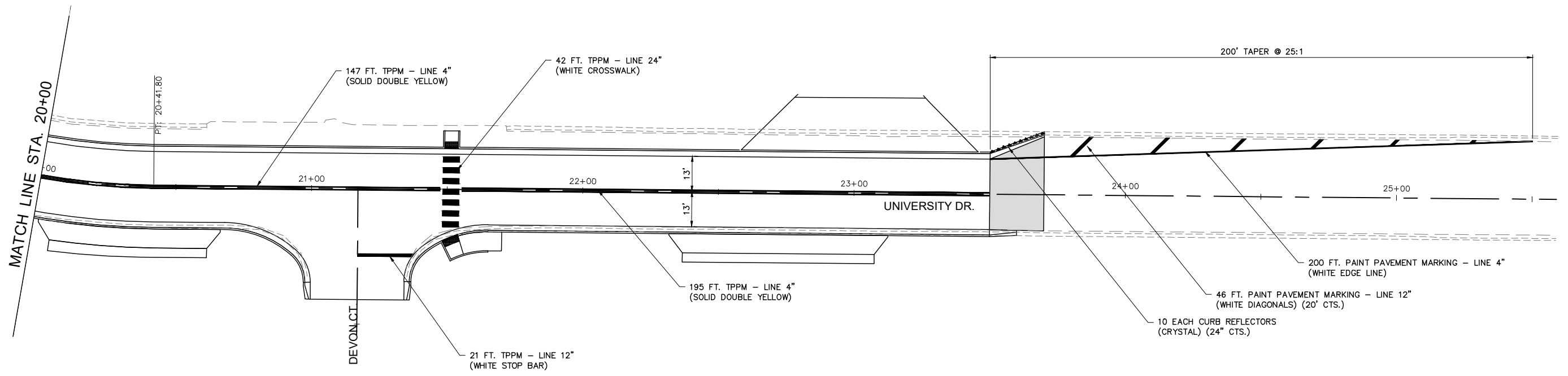
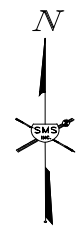
CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 EROSION CONTROL PLAN

CONTRACT NO. 97806

REF. BK. 5120 PG. 1
JOB NO. 520540.1
DSN. BY: CDD
DWN. BY: CAD
CHK. BY: CDD
DATE: FEBRUARY, 2023
SCALE: 1" = 20'
SHEET 15 OF 27







**TYPICAL CROSSWALK BARS DETAIL**  
NO SCALE

**PAVEMENT MARKING SCHEDULE**

ITEM	QUANTITY	UNIT
THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE LANE LINE)	193	FOOT
THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW LANE LINE)	738	FOOT
THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)	160	FOOT
THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID DOUBLE YELLOW)	1190	FOOT
<b>TOTAL 4"</b>	<b>2281</b>	<b>FOOT</b>
THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW 20' CTS)	102	FOOT
THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE STOP BAR)	21	FOOT
<b>TOTAL 12"</b>	<b>123</b>	<b>FOOT</b>
THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)	33	FOOT
THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE CROSSWALK)	156	FOOT
<b>TOTAL 24"</b>	<b>189</b>	<b>FOOT</b>
THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)	93.6	SQ. FT.
PAINT PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE)	200	FOOT
PAINT PAVEMENT MARKING - LINE 12" (WHITE DIAGONALS 20' CTS)	46	FOOT
CURB REFLECTORS (CRYSTAL)	10	EACH

**NOTES**

1. THERMOPLASTIC PAVEMENT MARKING IS ABBREVIATED AS T.P.P.M.
2. ALL LETTERS AND SYMBOLS SHALL BE LARGE SIZE.
3. SEE PAVEMENT MARKING SCHEDULE FOR TOTAL QUANTITIES.

REVISIONS

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SECTION 19-00113-00-PV (PHASE 1)  
UNIVERSITY DRIVE IMPROVEMENTS  
PAVEMENT MARKING PLAN

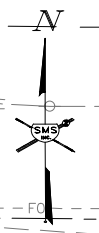
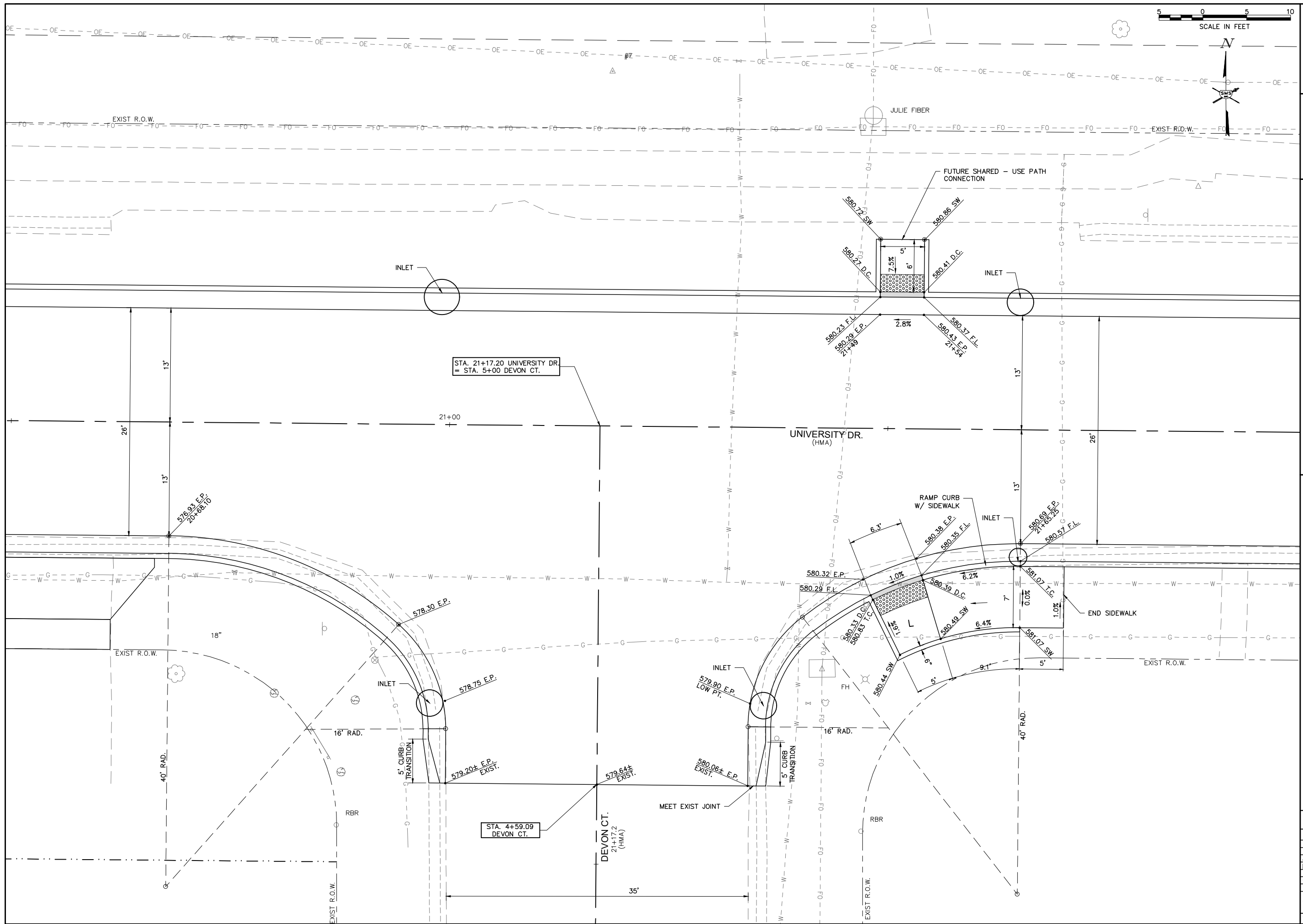
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DATE: FEBRUARY, 2023

SCALE: 1" = 20'







NO.	DESCRIPTION

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 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 SIDEWALK AND INTERSECTION DETAILS

CONTRACT NO.  
 97806

REF. BK. 5120 PG. 1  
 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023

SCALE: 1" = 5'  
 SHEET 20 OF 27

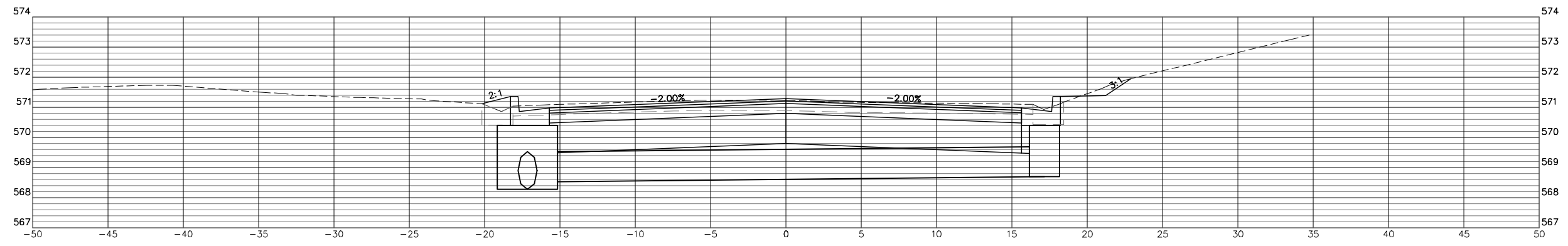
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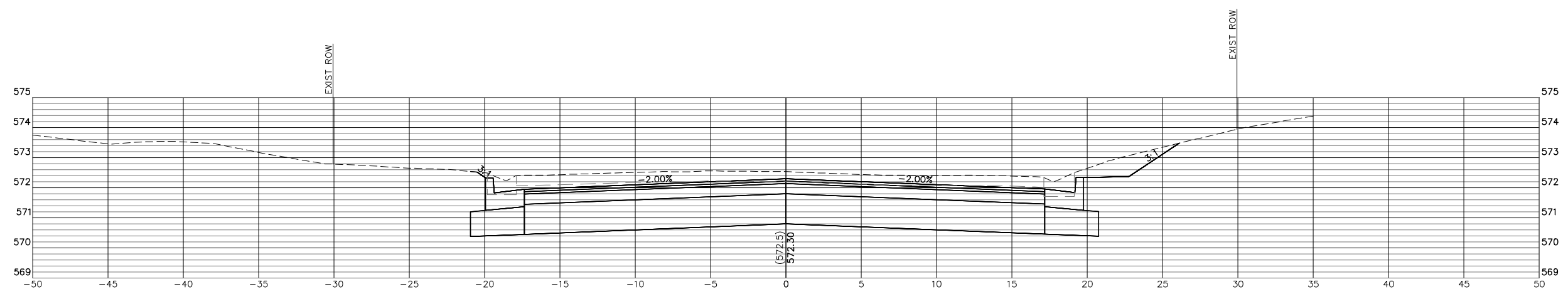
CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 CROSS SECTIONS

CONTRACT NO.  
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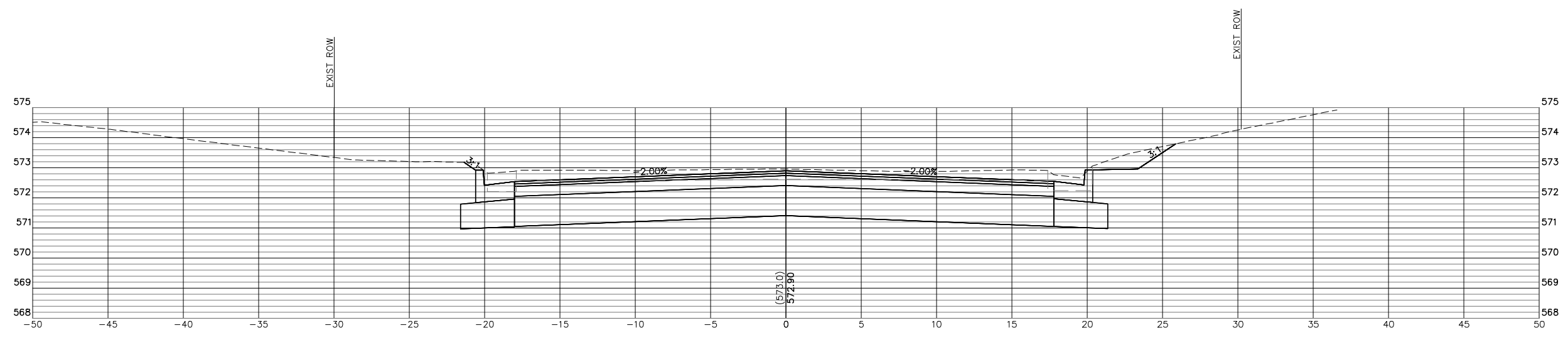
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 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023  
 SCALE: H: 1" = 4'  
 V: 1" = 2'



18+00.00  
 TOTAL  
 CUT = 45.8  
 FILL = 1.6



17+50.00  
 TOTAL  
 CUT = 63.8  
 FILL = 0.00



17+28.85  
 TOTAL  
 CUT = 59.1  
 FILL = 0.00

BEGIN RECONSTRUCTION

REVISIONS

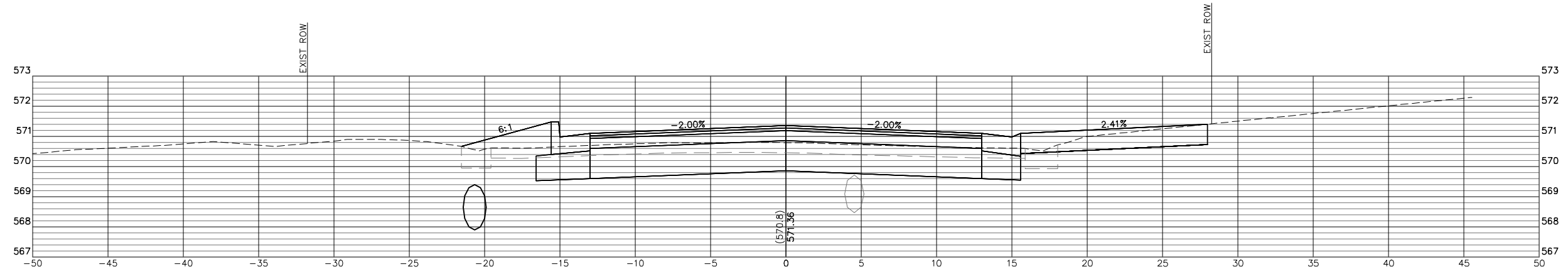
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CROSS SECTIONS

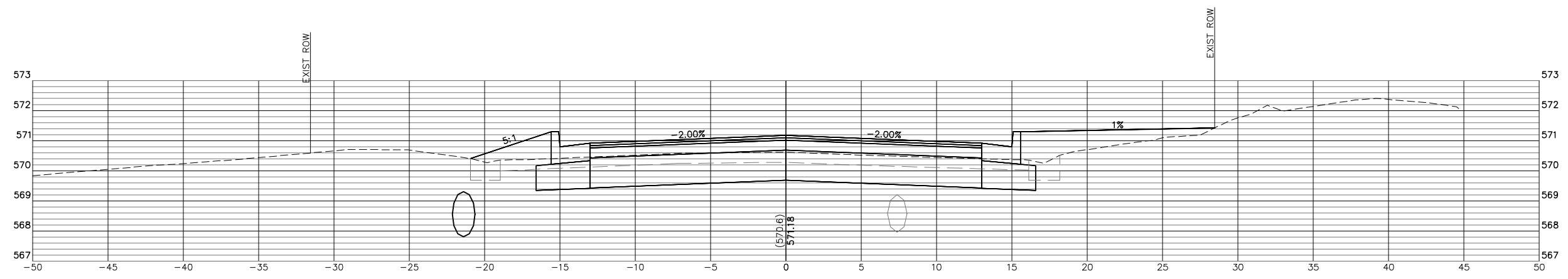
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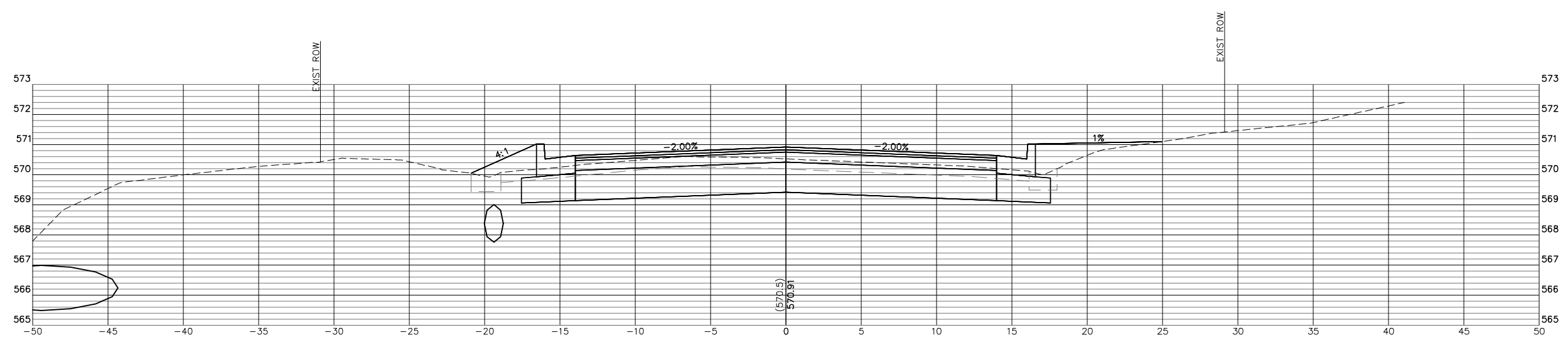
SHEET 22 OF 27



19+13.34  
P.E. RT.  
TOTAL  
CUT = 27.4  
FILL = 6.5



19+00.00  
TOTAL  
CUT = 21.7  
FILL = 13.1



18+50.00  
TOTAL  
CUT = 28.3  
FILL = 7.6

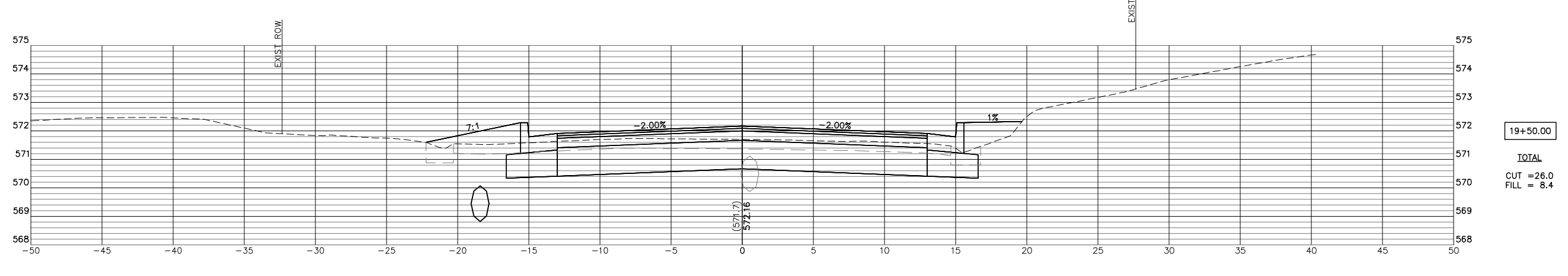
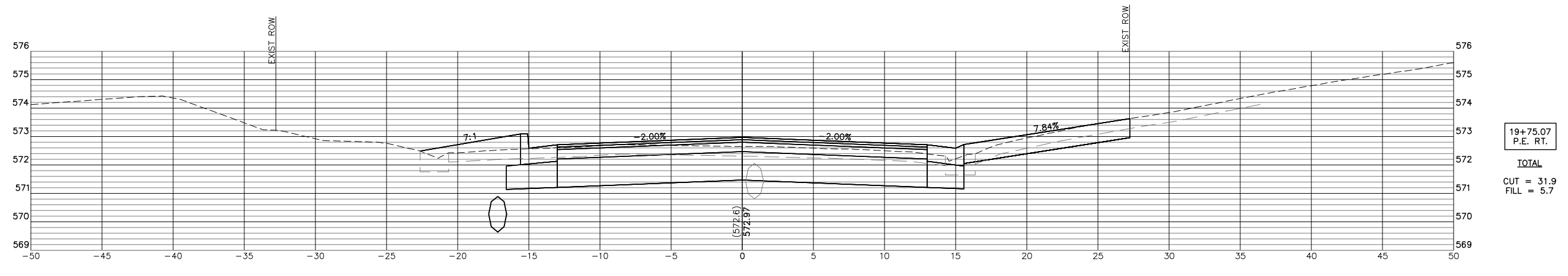
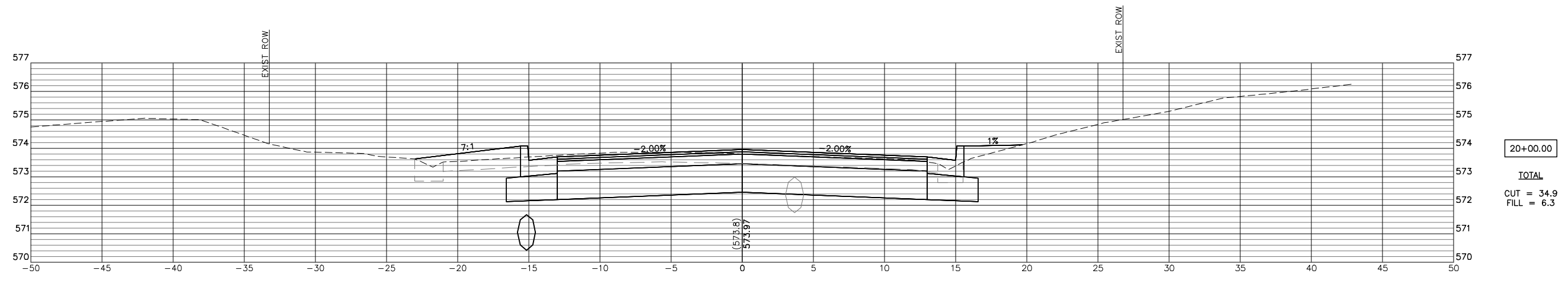
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REVISIONS

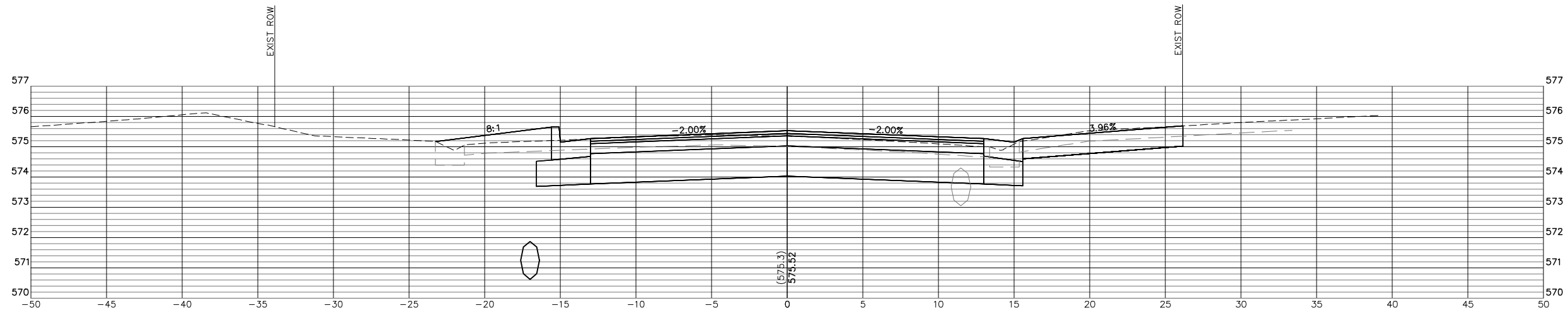
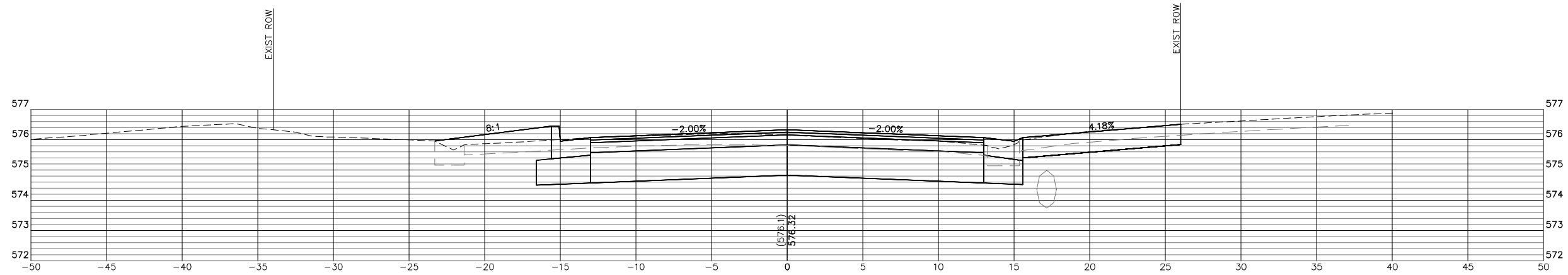
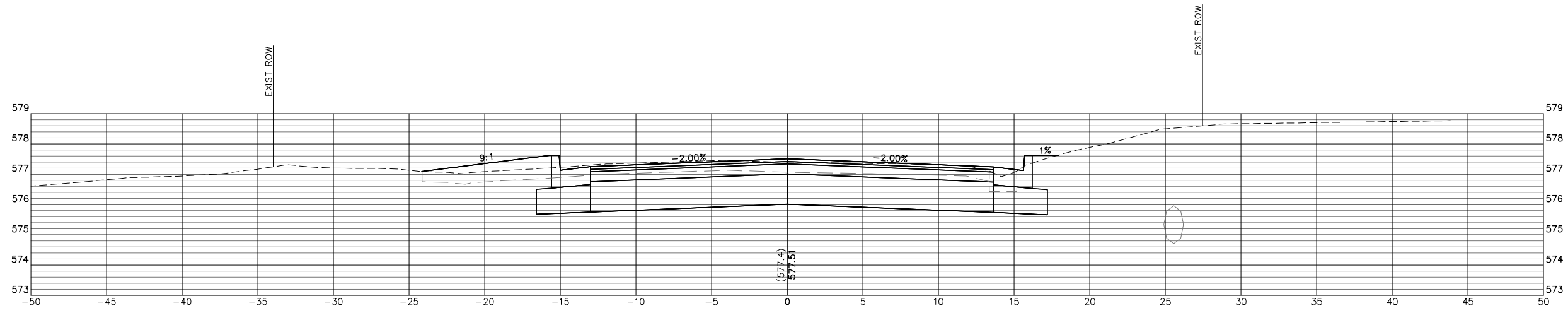
**SMS ENGINEERS**  
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 CONSULTING ENGINEERS AND LAND SURVEYORS  
 215 Market Street, Alton, IL 62002 618.462-9755 E-mail: mail@smsengineers.com  
 DESIGN FIRM # 184-000992

CITY OF EDWARDSVILLE, IL  
 SECTION 19-00113-00-PV (PHASE 1)  
 UNIVERSITY DRIVE IMPROVEMENTS  
 CROSS SECTIONS

CONTRACT NO.  
 97806

REF. BK. 5120 PG. 1  
 JOB NO. 520540.1  
 DSN. BY: CDD  
 DWN. BY: CAD  
 CHK. BY: CDD  
 DATE: FEBRUARY, 2023  
 SCALE: H: 1" = 4'  
 V: 1" = 2'

SHEET 24 OF 27







REVISIONS

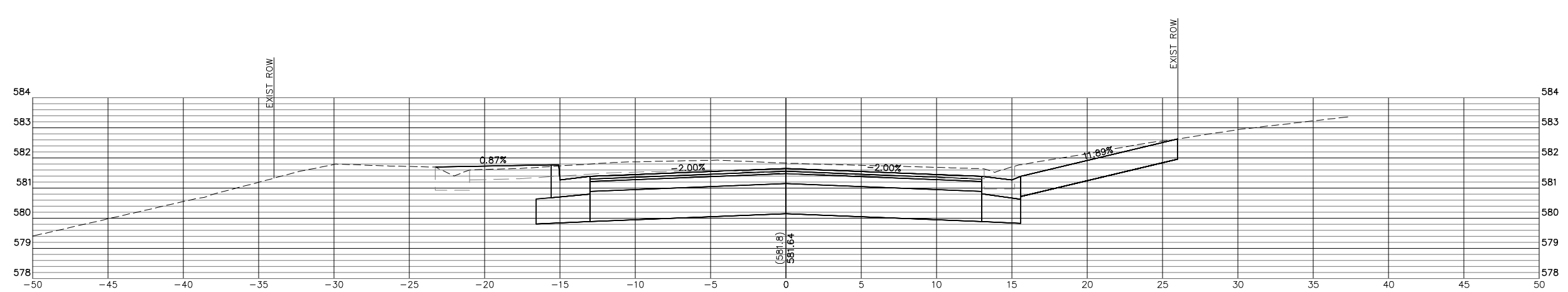
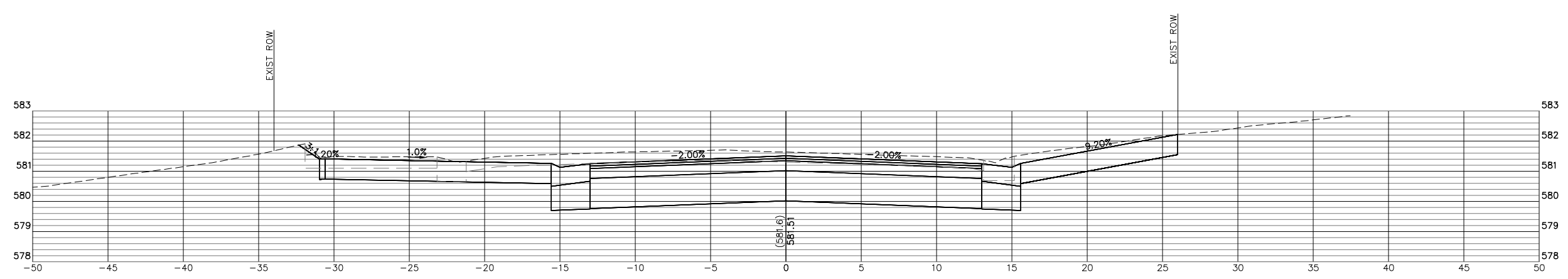
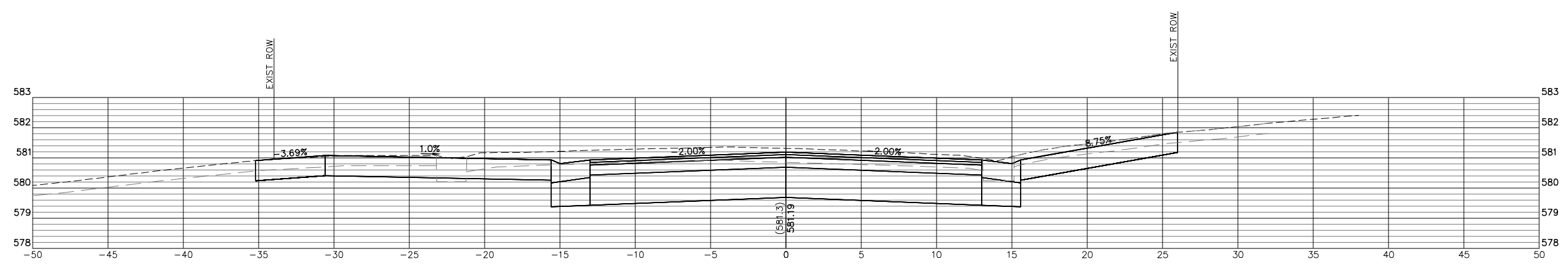
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SHEET 26 OF 27



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 V: 1" = 2'

SHEET 27 OF 27

