

INDEX OF SHEETS

06-17-2022 LETTING ITEM 138

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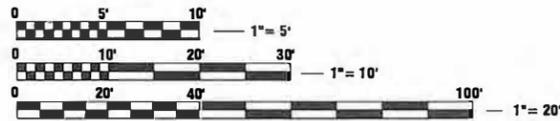
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLANS FOR PROPOSED
ROADWAY IMPROVEMENTS**

**FAU ROUTE 8558 (WEST WHITTAKER STREET)
SECTION 18-00047-03-PV
CITY OF SALEM, ILLINOIS
MARION COUNTY
STU PROGRAM
JOB NO. C-98-055-19
PROJECT NO. MZ30 (678)**

DESIGN CLASSIFICATION: MAJOR COLLECTOR

ADT₂₀₂₁ : 1820
DESIGN SPEED: 30 MPH



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



J.U.L.I.E.
JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS
1-800-892-0123 OR 811 www.illinois1call.com

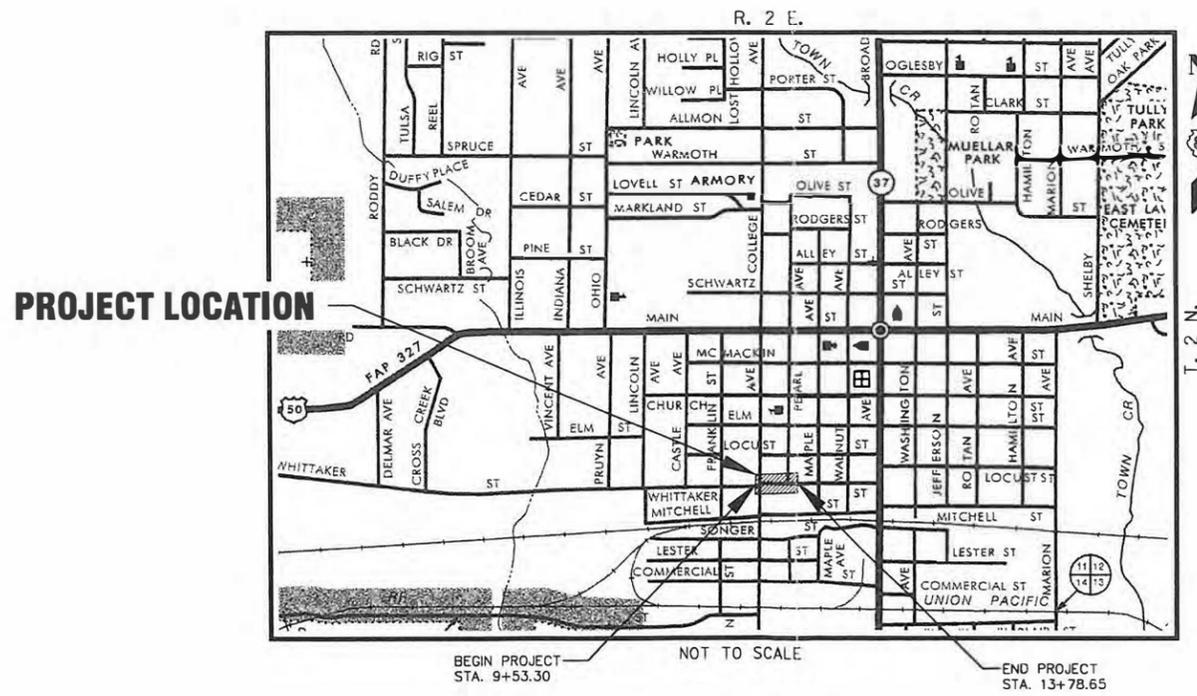


Monica S. French 3-23-22

MONICA S. FRENCH, P.E.
CENTRALIA, ILLINOIS
ILLINOIS LICENSED PROFESSIONAL
ENGINEER NO. 062-055323
EXPIRES NOV. 30, 2023

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SALEM, IL 62886
PHONE (618) 283-2321
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ILLINOIS PROFESSIONAL DESIGN FIRM 184-004564

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 8558	18-00047-03-PV	MARION	11	1
		CONTRACT # 97778		
GCL JOB NO. 20-640		ILLINOIS FED. AID PROJECT		



LOCATION MAP

LOCATION: THE SW ¼ OF THE SE ¼ OF SECTION 11, T2N, R2E, 3RD P.M.
GROSS LENGTH OF PROJECT: 425.35 FT = 0.08 MI
NET LENGTH OF PROJECT: 425.35 FT = 0.08 MI

CITY OF SALEM	
APPROVED	<u>03/24</u> 20 <u>22</u> <i>Nickolas Jaley</i> MAYOR CITY OF SALEM
PASSED	<u>4/11</u> 20 <u>22</u> <i>[Signature]</i> DISTRICT EIGHT ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<u>4/11</u> 20 <u>22</u> <i>Kirk Brown</i> REGION FIVE ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

DATE: MARCH 23, 2022

S:\Projects\2020-20-640-501em West Whitaker St Reconstruction\20 Design\CADD\02-04-TYPICAL_SECTIONS_20640.dwg, Plotted on: 4/6/2022 6:03 PM

SUMMARY OF QUANTITIES				
SP	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY
	20200100	EARTH EXCAVATION	CU YD	455
*	20800150	TRENCH BACKFILL	CU YD	70
	25000200	SEEDING, CLASS 2	ACRE	0.25
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23
	25100115	MULCH, METHOD 2	ACRE	0.25
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50
	28000500	INLET AND PIPE PROTECTION	EACH	15
	30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	1421
	30201500	LIME	TON	36
	35100100	AGGREGATE BASE COURSE, TYPE A	TON	313
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	21
	42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	1421
	42001300	PROTECTIVE COAT	SQ YD	1421
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	95
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	1538
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	SQ FT	278
	42400800	DETECTABLE WARNINGS	SQ FT	86
*	44000100	PAVEMENT REMOVAL	SQ YD	1205
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	21
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1061
	44000600	SIDEWALK REMOVAL	SQ FT	1494

SUMMARY OF QUANTITIES				
SP	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY
	550A0050	STORM SEWERS, CLASS A, TYPE I, 12"	FOOT	167
	550A0070	STORM SEWERS, CLASS A, TYPE I, 15"	FOOT	30
	550A0090	STORM SEWERS, CLASS A, TYPE I, 18"	FOOT	152
	550A0120	STORM SEWERS, CLASS A, TYPE I, 24"	FOOT	95
	60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2
	60219570	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1
	60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
	60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1
	60222270	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3V FRAME AND GATE	EACH	1
	60236200	INLETS, TYPE A, TYPE B, GRATE	EACH	2
	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	4
	60286600	VALVE BOXES TO BE ADJUSTED	EACH	2
	60300105	FRAME & GRATE TO BE ADJUSTED	EACH	1
	60300350	MANHOLE FRAMES TO BE ADJUSTED	EACH	4
*	60500040	REMOVING MANHOLES	EACH	1
*	60500060	REMOVING INLETS	EACH	7
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1009
	67100100	MOBILIZATION	L SUM	1
Δ	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2
Δ	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	18.8
Δ	72900200	METAL POST - TYPE B	FOOT	45
Δ	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	30
*	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1
*	X5510100	STORM SEWER REMOVAL	FOOT	161
*	X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	3
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

* SPECIAL PROVISION
 Δ SPECIALTY ITEMS

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DESIGNED - MSF	REVISED -
DRAWN - JMW	REVISED -
CHECKED -	REVISED -
DATE - 03/23/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 8558	18-00047-03-PV	MARION	11	2
CONTRACT NO. 97778				
GCI JOB NO. 20-640 ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE				
LOCATION	EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE FACTOR (15%)	EMBANKMENT (FILL)	EARTHWORK BALANCE*** WASTE (+) OR SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
STA. 10+13 TO STA. 13+79	453.81	385.74	117.85	267.89
TOTALS:	454	386	118	268

NOTE: EARTH EXCAVATION MATERIAL IS A COMBINATION OF EXCAVATED EARTH AND PULVERIZED OIL AND CHIP ROADWAY SURFACE. THE PULVERIZED OIL AND CHIP MAY NOT BE USED IN THE TOP 6" OF EMBANKMENT. THE SHRINKAGE FACTOR HAS BEEN ADJUSTED TO COMPENSATE FOR THE DIFFERING MATERIALS.

*** FURNISHED EXCAVATION None Required

SIDEWALK SCHEDULE					
FROM LOCATION (STATION)	TO LOCATION (STATION)	SIDEWALK REMOVAL (SQ.FT)	DETECTABLE WARNINGS (SQ.FT)	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH (SQ.FT)	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH (SQ.FT)
9+53.30, RT	9+82.04, RT	186.0	26.0	243.0	
9+78.13, LT	9+85.70, LT	123.0	25.0	179.0	
10+31.06, LT	11+13.63, LT	351.0	10.0	376.0	
11+13.63, LT	11+45.04, LT	78.0			150.0
11+45.04, LT	11+66.52, LT	127.0		115.0	
11+66.52, LT	11+90.50, LT	55.0			128.0
11+90.50, LT	12+57.11, LT	462.0	15.0	511.0	
12+94.21, LT	13+17.05, LT	112.0	10.0	114.0	
TOTAL		1494	86	1538	278

STORM SEWER PIPE SCHEDULE								
START STRUC	END STRUC	PIPE TYPE	PIPE LENGTH	PIPE SLOPE	UPSTREAM INVERT ELEV.	DOWNSTREAM INVERT ELEV.	TRENCH BACKFILL (CU YD)	
2	1	CLASS A, TYPE 1 - 12"	22'	0.86%	530.13	529.94	4.8	
3	1	CLASS A, TYPE 1 - 24"	8'	1.32%	530.05	529.94	1.0	
4	3	CLASS A, TYPE 1 - 24"	26'	0.38%	530.15	530.05	4.3	
5	4	CLASS A, TYPE 1 - 24"	27'	0.55%	530.30	530.15	3.9	
6A	6	CLASS A, TYPE 1 - 12"	5'	1.88%	530.60	530.50	5.6	
6	5	CLASS A, TYPE 1 - 24"	34'	0.59%	530.50	530.30	0.7	
7A	7	CLASS A, TYPE 1 - 12"	28'	0.72%	531.40	531.20	2.2	
7	6	CLASS A, TYPE 1 - 18"	152'	0.46%	531.20	530.50	29.1	
8	7	CLASS A, TYPE 1 - 12"	21'	0.94%	531.40	531.20	2.8	
9	7	CLASS A, TYPE 1 - 15"	30'	0.66%	531.40	531.20	4.2	
10	9	CLASS A, TYPE 1 - 12"	21'	0.48%	531.50	531.40	2.6	
11	10	CLASS A, TYPE 1 - 12"	44'	0.80%	531.85	531.50	5.3	
12	11	CLASS A, TYPE 1 - 12"	12'	0.59%	531.92	531.85	0.8	
14	E1	CLASS A, TYPE 1 - 12"	14'	1.25%	531.50	531.33	2.3	

PIPE LENGTHS AND SLOPES SHOWN ARE CENTER TO CENTER OF STRUCTURE.

PAVING SCHEDULE						
FROM LOCATION (STATION)	TO LOCATION (STATION)	PAVEMENT REMOVAL (SY)	PROCESSING MODIFIED SOIL, 12" (SQ YD)	LIME (TON)	AGGREGATE BASE COURSE TYPE A (TON)	PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 8" (SQ YD)
10+09.90	13+78.65	1116.0	1302.0	33	286.4	1302.0
S. PEARL STREET		89.4	119.3	3	26.2	119.3
TOTAL		1205	1,421	36	313	1,421

DRAINAGE STRUCTURE SUMMARY							
INLET				MANHOLE			
TYPE A	TYPE B	TYPE A (4' DIA.)	TYPE A (5' DIA.)	TYPE 1 FOL	TYPE 3 F&G	TYPE 3V F&G	TYPE 3V F&G
2	4	3	2	1	1	1	1

STORM SEWER PIPE SUMMARY				
CLASS A - TYPE 1				TRENCH BACKFILL (CU YD)
12" RCCP (L.F.)	15" RCCP (L.F.)	18" RCCP (L.F.)	24" RCCP (L.F.)	
167	30	152	95	70

ADJUSTMENT SCHEDULE				
EXISTING LOCATION (STATION, DIRECTION)	FRAME & GRATE TO BE ADJUSTED (EACH)	MANHOLE FRAMES TO BE ADJUSTED (EACH)	VALVE BOXES TO BE ADJUSTED (EACH)	
9+68.90	16.5' RT			1
9+79.10	30.0' RT			1
9+85.86	27.9' LT	1		
10+10.51	66.9' LT		1	
10+09.56	24.6' LT		1	
10+12.79	20.4' LT		1	
12+79.47	0.4' RT		1	
TOTALS	1	4	2	

STORM SEWER & DRAINAGE STRUCTURE SCHEDULE				
PT	LOCATION STATION / OFFSET	DESCRIPTION	RIM	INVERTS
1	13+08.51 7.3'LT	MANHOLES, TYPE A, 5'-DIA, 1 F&G OL	534.30	529.94 N 529.94 S
2	13+08.52 14.6'RT	INLETS, TYPE B, TYPE 3V F&G	534.19	530.13 N
3	13+08.52 15.6'LT	MANHOLES, TYPE A, 4'-DIA, TYPE 3V F&G	534.11	530.05 NW 530.05 S
4	12+89.28 33.8'LT	MANHOLES, TYPE A, 4'-DIA, TYPE 3 F&G	533.97	530.15 SE 530.15 W
5	12+61.96 33.8'LT	MANHOLES, TYPE A, 4'-DIA, TYPE 3 F&G	533.99	530.30 SW 530.30 E
6	12+34.96 14.6'LT	MANHOLES, TYPE A, 5'-DIA, TYPE 3V F&G	534.58	530.50 W 530.50 NE 530.50 NW
6A	12+31.94 18.9'LT	INLETS, TYPE A, TYPE 8 GRATE	534.40	530.60 SE
7	10+83.75 14.6'LT	MANHOLES, TYPE A, 5'-DIA, TYPE 3 F&G	534.59	531.20 W 531.20 E 531.20 S 531.20 N
7A	10+91.52 41.5'LT	Inlets, Type A	535.00	531.40 S
8	10+61.46 15.3'LT	INLETS, TYPE B, TYPE 3 F&G	534.50	531.40 E
9	10+80.91 15.6'RT	INLETS, TYPE B, TYPE 3 F&G	534.59	531.40 W 531.40 N
10	10+61.75 20.0'RT	INLETS, TYPE B, TYPE 3 F&G	534.50	531.50 E 531.50 SW
11	10+24.67 40.4'RT	INLETS, TYPE B, TYPE 3V F&G	534.79	531.85 NE 531.85 W
12	10+12.89 40.1'RT	MANHOLES, TYPE A, 4'-DIA, TYPE 1 F&G OL	534.09	531.92 E 531.96 W 531.92 N
13	9+86.69 39.2'RT	INLETS, TYPE B, TYPE 3 F&G	534.87	532.00± E
14	10+14.99 79.7'LT	INLETS, TYPE B, TYPE 3V F&G	534.86	531.50 S
E1	10+10.51 66.9'LT	EXISTING STRUCTURE	535.16	531.33 N

STORM SEWER REMOVAL SCHEDULE			
EXISTING LOCATION (STATION, DIRECTION)	REMOVING INLETS (EACH)	REMOVING MANHOLES (EACH)	STORM SEWER REMOVAL (L.F.)
9+84.7	39.2' RT	1	
10+12	7.1' LT		6
10+13.8	74.2' LT	1	
10+14.0	40.3' RT	1	
12+51	25' LT		25
12+50.2	10.9' RT	1	
12+51.4	13.7' LT	1	
12+62.9	28.7' LT	1	
12+66	10' LT		23
12+69	12' LT		15
12+75	29' LT		24
12+75.6	7.3' LT	1	
12+76	20' LT		20
12+83	12' LT		15
12+87.6	28.9' LT	1	
12+90	7.4' LT		33
TOTALS	7	1	161

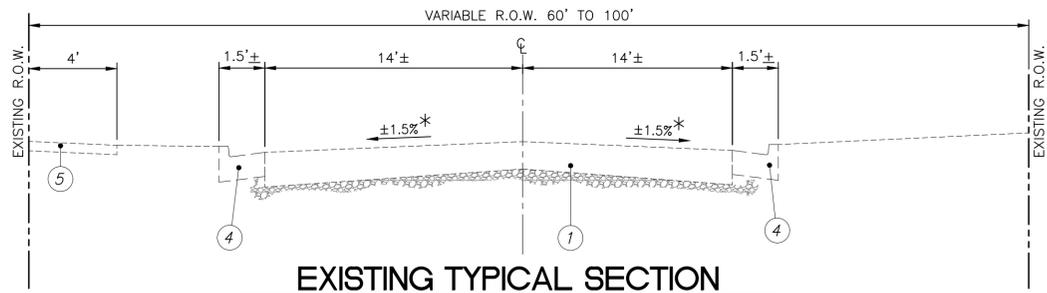
CURB & GUTTER SCHEDULE				
FROM LOCATION (STATION)	TO LOCATION (STATION)	COMB. CURB & GUTTER REMOVAL (LF)	COMB. CONC. CURB & GUTTER, TY. B 6.24 (LF)	
9+70.28	16.2' RT	9+85.60, 42.2' RT	143.0	143.0
9+76.35	18.3' LT	9+85.71, 40.3' LT	27.0	27.0
10+12.39	74.4' RT	13+78.65, 12.0' RT	450.0	397.0
10+11.94	107.4' LT	12+63.03, 46.0' LT	322.0	333.0
12+88.79	45.5' LT	13+78.65, 14.2' LT	119.0	109.0
TOTAL		1061	1009	

ENTRANCE SCHEDULE								
LOCATION (STATION, DIRECTION)	ENTRANCE TYPE (DETAIL)	WIDTH (FT)	LENGTH (FT)	SLOPE (%)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	P.C.C. DRIVEWAY PAVEMENT, 6" (SQ YD)	AGGREGATE BASE COURSE, TYPE B * (TONS)	
11+25	LT.	PE	19.0	34.7	1.0%	21.0	67.0	14.9
11+76	LT.	PE	14.0	20.8	1.0%	--	28.0	6.2
TOTAL					21	95	21	

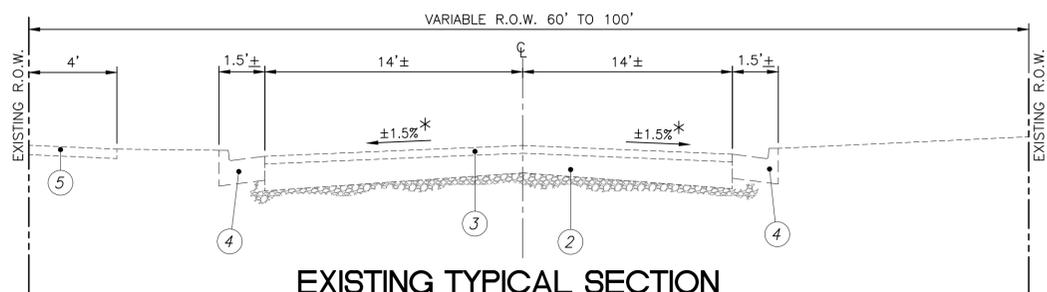
* AGGREGATE BASE COURSE, TYPE B SHALL HAVE A DEPTH OF 6" UNDER DRIVEWAY PAVEMENT

SIGN & PAVEMENT MARKING SCHEDULE									
EXISTING LOCATION* (STATION, OFFSET)	PROPOSED LOCATION* (STATION, OFFSET)	SIGN DESCRIPTION	SIGN TYPE	PANEL SIZE (SPAN x RISE)	RELOCATE SIGN PANEL TYPE 1 (SQ FT)	RELOCATE SIGN PANEL ASSEMBLY TYPE A (EACH)	METAL POST TYPE B (FEET)	24" SOLID WHITE LINE (FEET)	
9+68.0	17.7' RT	9+66.69 16.3' RT	STOP SIGN	R1-1	30" X 30"	6.25	15.0	30	
10+32.74	55.0' LT	10+31.32 40.8' LT	STREET SIGN	D3-1	24" X 6"		1		
10+32.74	55.0' LT	10+38.16 30.4' LT	STOP SIGN	R1-1	30" X 30"	6.25	15.0		
12+56.35	18.6' LT	12+49.44 20.3' LT	STREET SIGN	D3-1	24" X 6"		1		
12+58.99	26.6' LT	12+57.61 32.0' LT	STOP SIGN	R7-1	12" X 18"	6.25	15.0		
TOTALS					18.8	2	45	30	

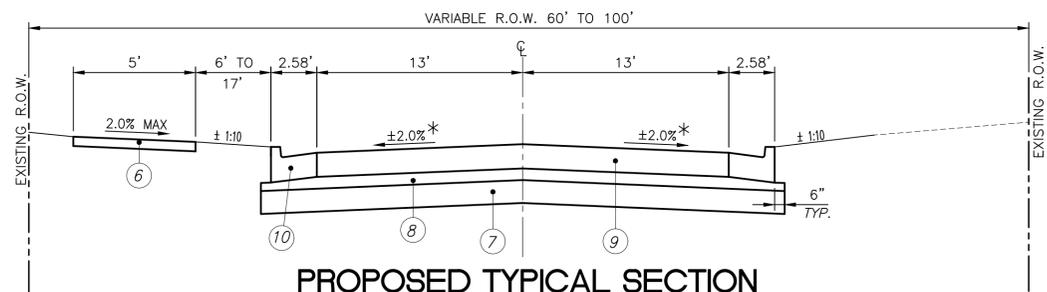
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EXISTING TYPICAL SECTION
WEST WHITTAKER STREET: STA. 10+32.30 TO 12+50.00



EXISTING TYPICAL SECTION
WEST WHITTAKER STREET: STA. 12+50.00 TO 13+78.65
STA. 10+09.88 TO 10+32.30



PROPOSED TYPICAL SECTION
WEST WHITTAKER STREET: STA. 10+09.88 TO 13+78.65

SECTION LEGEND

- ① EXISTING BITUMINOUS/ASPHALT PAVEMENT (6"±)
- ② EXISTING CONCRETE PAVEMENT (7"±)
- ③ EXISTING ASPHALT OVERLAY (2"±)
- ④ EXISTING CURB & GUTTER, TYPE B-6.12
- ⑤ EXISTING SIDEWALK
- ⑥ PROPOSED SIDEWALK
- ⑦ PROPOSED PROCESSING MODIFIED SOIL, 12"
- ⑧ PROPOSED AGGREGATE BASE COURSE, TYPE A (4")
- ⑨ PROPOSED P.C.C. PAVEMENT (8" JOINTED)
- ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24

* PAVEMENT CROSS-SLOPES TRANSITION TO MATCH INTERSECTING SOUTH COLLEGE STREET.

APPLICABLE IDOT HIGHWAY STANDARDS:

000001-08	602402-03	701501-06	B.L.R. 21-9
280001-07	602601-06	701801-06	B.L.R. 22-7
420001-10	602701-02	701901-08	B.L.R. 25-1
420101-07	604001-05	720001-01	
424001-11	604006-05	720006-04	
424011-04	604011-05	720011-01	
602301-04	604036-03	729001-01	
602306-03	606001-08	780001-05	
602401-07	701006-05		

REFERENCE TIE COORDINATES

POINT DESCRIPTION	STATION	NORTHING	EASTING
INTERMEDIATE STA.	10+00.00	713044.46	808221.04
CURVE #1 - PC	10+43.66	713044.53	808264.70
CURVE #1 - PI	10+95.36	713044.62	808316.40
CURVE #1 - PT	11+46.20	713060.75	808365.52
CURVE #2 - PC	11+46.20	713060.75	808365.52
CURVE #2 - PI	12+00.57	713077.71	808417.18
CURVE #2 - PT	12+54.06	713077.96	808471.55
INTERMEDIATE STA.	13+78.65	713078.54	808596.14

COORDINATES PROVIDED ARE REFERENCING BASELINE / CENTERLINE OF ROADWAY

HORIZONTAL AND VERTICAL CONTROL DATA

POINT	DESCRIPTION	N. COOR.	E. COOR.	ELEV.
HC#1	IRON PIN, W END OF BROWN SHOE PROPERTY	712931.73	808346.97	-
HC#2	IRON PIN, NW QUAD. S. MAPLE ST.	713099.16	808732.08	-
TBM#1	TOP FLANGE BOLT OF FIRE HYDRANT SW QUAD. S. COLLEGE ST.	-	-	536.87
TBM#2	R.R. SPIKE IN POWER POLE SE QUAD. S. MAPLE ST.	-	-	535.57

COMMITMENTS:

NONE

GENERAL CONSTRUCTION:

- THESE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022, SPECIAL PROVISIONS AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.
- THE EXISTING RIGHT OF WAY AS SHOWN HEREON HAS BEEN PROTRACTED FROM EXISTING RECORDS AND IS TO BE CONSIDERED APPROXIMATE AND IS TO BE USED FOR REFERENCE PURPOSES ONLY. FURTHERMORE, NO COMPLETE SURVEY OF SAID ROW IS IMPLIED BY THIS DRAWING.
- FIELD SURVEY WORK WAS COMPLETED APRIL, 2019, BY:
MRJ & ASSOCIATES, INC.
1200 S. BROADWAY
SALEM, IL 62881
618-548-8282
- WHERE SECTION OR SUBSECTION MONUMENTS OR PROPERTY MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- ALL STATIONS AND OFFSETS (O/S) REFERENCES ARE FROM THE PROPOSED ROADWAY CENTERLINE.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE ENGINEER AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED DEPT OF GOVERNMENT.
- ALL DIMENSIONS AND CALLOUTS ARE TO EDGE OF PAVEMENT / FLAG OF GUTTER UNLESS OTHERWISE SHOWN. ALL SPOT ELEVATIONS ARE TO TOP OF GROUND OR PAVEMENT, UNLESS OTHERWISE NOTED.

UTILITIES:

- EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY OTHERS & MUST BE CONSIDERED APPROXIMATE AND SHALL NOT BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CONTACT J.U.L.I.E., ALL UTILITY COMPANIES, & THE CITY.
- CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNER(S) ANY TIME EXISTING UTILITIES ARE AFFECTED, AND TO DISCUSS PROCEDURE OF WORK.
- CONTRACTOR SHALL PERFORM HIS WORK IN A MANNER WHICH WILL NOT DAMAGE ANY EXISTING ITEM TO REMAIN INCLUDING UTILITY LINES. IF ANY SUCH DAMAGE OCCURS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR THE ITEM TO THE SATISFACTION OF THE OWNER. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR THE REPAIR COST.
- CONTRACTOR SHALL PROVIDE ALL UTILITY FITTINGS REQUIRED TO COMPLETE PROJECT. CALL-OUTS ARE NOT SHOWN FOR ALL FITTINGS THAT ARE REQUIRED.
- CONTRACTOR SHALL CAP ALL ABANDONED LINES THAT ARE CUT DURING EXCAVATION OR CONSTRUCTION.
- THE FOLLOWING ENTITIES HAVE UTILITY FACILITIES WITHIN/DIRECTLY ADJACENT TO THE CONSTRUCTION LIMITS OF THIS PROJECT:

CITY OF SALEM (WATER, SEWER AND GAS) ANNETTE BRUSHWITZ 618-548-2222 X27	AT&T DISTRIBUTION G11629@ATT.COM
CHARTER COMMUNICATIONS CHRIS SHELTON 314-386-1649	WABASH COMMUNICATIONS JASON GRIFFY 618-665-3311
AMEREN IP (SOUTH) BRENT BARTLEY 618-244-8220	

DRAINAGE CONSTRUCTION:

- THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES. WATER SHALL NOT STAND OR POND. ANY DAMAGE TO STRUCTURES OR WORK ON SITE CAUSED BY INADEQUATE MAINTENANCE OF DRAINAGE PROVISIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY COST ASSOCIATED WITH REPAIRS FOR SUCH DAMAGE WILL BE AT THE CONTRACTOR'S EXPENSE.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED, OR RECONSTRUCTED UNDER THIS CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATED SILT, DEBRIS, OR FOREIGN MATERIAL AT THE END OF EACH WORKING DAY AND JUST PRIOR TO THE FINAL INSPECTION.
- ALL TYPE 3 AND 3V FRAME AND GRATES SHALL HAVE OPEN CURB BOXES. OFFSETS (O/S) AND TOP ELEVATIONS FOR STORM SEWER STRUCTURES ARE AS FOLLOWS:

	OFFSETS	ELEVATIONS
TYPE 1	CENTER	CENTER
TYPE 3/3V	CENTER ALONG FLAG OF CURB	CENTER ALONG FLAG OF CURB
TYPE 8	CENTER	CENTER

PAVEMENT CONSTRUCTION:

- ALL REINFORCEMENT/DOWEL/TIE BARS TO BE EPOXY COATED, ACCORDING TO ART. 1006.10 OF THE STANDARD SPECIFICATIONS.
- ALL DISTURBED AREAS NOT TO RECEIVE AN IMPROVED SURFACE SHALL BE GRASS. PLACE AND COMPACT EARTH BACKFILL TO WITHIN TOP 4" OF FINISH GRADE. TOP 4" SHALL BE APPROVED TOPSOIL FREE FROM ANY ROCKS AND/OR DEBRIS. SEED, FERTILIZE, AND MULCH.

APPLICATION RATES FOR ESTIMATING QUANTITIES:

- FERTILIZE NUTRIENTS
 - NITROGEN 90 LBS/ACRE
 - PHOSPHORUS 90 LBS/ACRE
 - POTASSIUM 90 LBS/ACRE
- MULCH 2 TON/ACRE
- LIME 5.5 LBS/CU FT
- AGGREGATE 2 TON/CU YD

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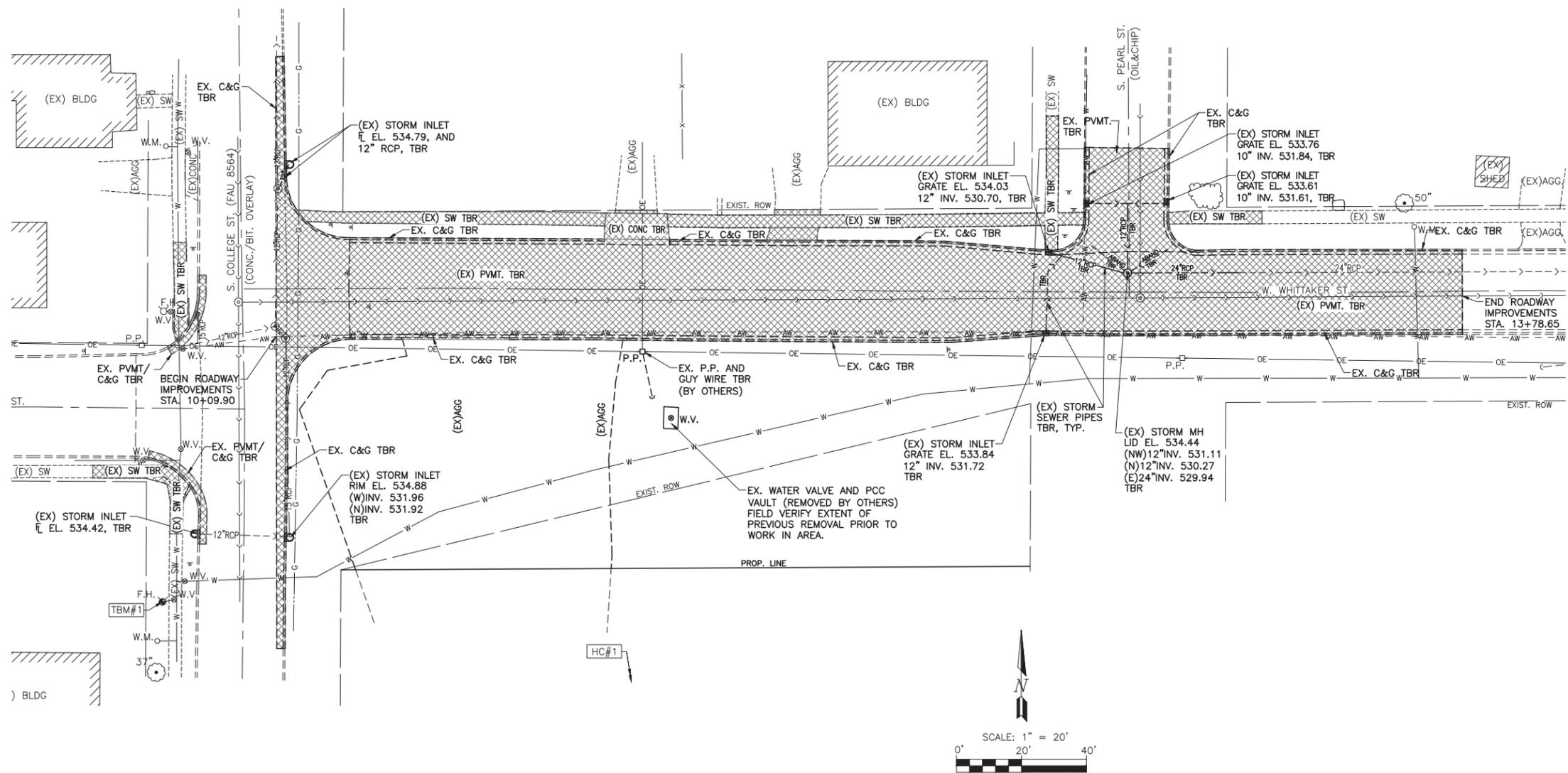
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DRAWN - JMW	REVISED -
CHECKED -	REVISED -
DATE - 03/23/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS, CONTROL, GENERAL
NOTES, AND COMMITMENTS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 8558	18-00047-03-PV	MARION	11	4
CONTRACT NO. 97778				
GC1 JOB NO. 20-640 ILLINOIS FED. AID PROJECT				

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LEGEND

- ◻ EXISTING MAIL BOX
- W.V. ⊗ EXISTING WATER VALVE
- W.M. ⊙ EXISTING WATER METER
- F.H. ⊕ EXISTING FIRE HYDRANT
- Y.H. ⊕ EXISTING YARD HYDRANT
- W — EXISTING WATER LINE
- - - AW - - - EXISTING ABANDONED WATER LINE
- GV ⊗ EXISTING GAS VALVE
- G — EXISTING GAS LINE
- P.P. ⊕ EXISTING POWER POLE
- - - - - EXISTING GUY WIRE
- L.P. ⊕ EXISTING LIGHT POLE
- OE — EXISTING OVERHEAD ELECTRIC LINE
- UE — EXISTING UNDERGROUND ELECTRIC LINE
- H.H. ⊕ EXISTING HAND HOLE
- UFO — EXISTING UNDERGROUND FIBER OPTIC LINE
- ⊕ EXISTING SIGN
- 13' ⊙ EXISTING TREE
- ⊕ EXISTING BUSH / SHRUB
- X — EXISTING FENCE
- I.P. IRON PIN
- ⊕ OR ⊙ EXISTING STORM INLET
- M.H. ⊙ EXISTING MANHOLE
- - - - - EXISTING STORM SEWER
- - - - - EXISTING SANITARY SEWER
- - - - - NEW STORM SEWER
- ⊕ ⊙ NEW STORM STRUCTURE
- HC#1 HORIZONTAL CONTROL POINT
- TBM#1 VERTICAL CONTROL POINT
- ▨ REMOVAL AREAS

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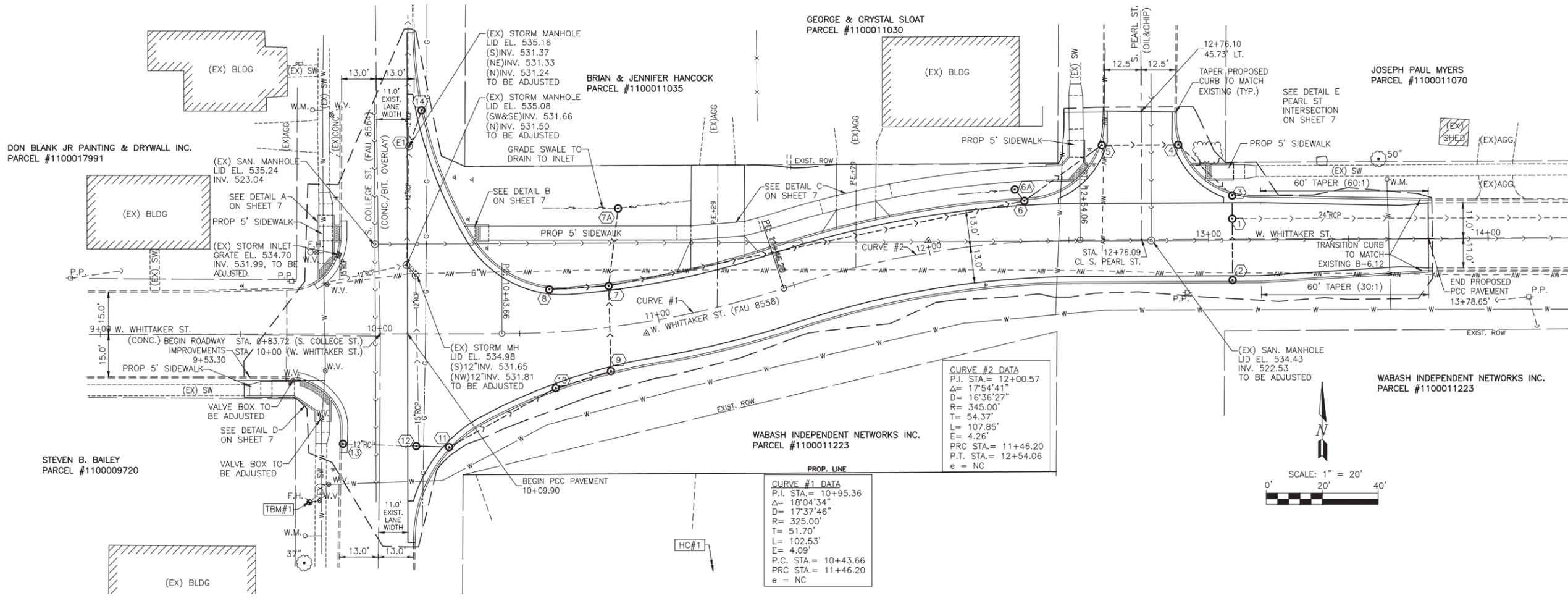
DESIGNED - MSF	REVISED -
DRAWN - JMW	REVISED -
CHECKED -	REVISED -
DATE - 03/23/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DEMOLITION PLAN
 AND LEGEND**

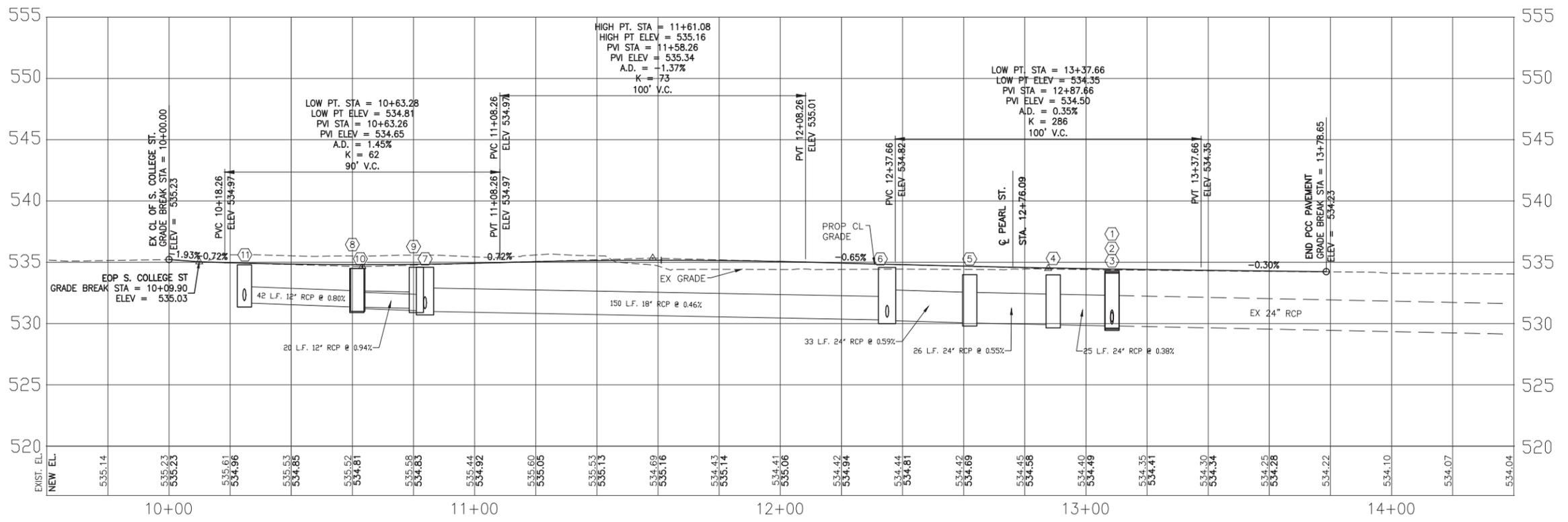
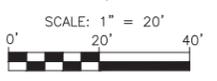
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FAU 8558	18-00047-03-PV	MARION	11	5
CONTRACT NO. 97778				
GCI JOB NO. 20-640		ILLINOIS FED. AID PROJECT		

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CURVE #2 DATA
 P.I. STA. = 12+00.57
 $\Delta = 17^{\circ}54'41''$
 $D = 16'36'27''$
 $R = 345.00'$
 $T = 54.37'$
 $L = 107.85'$
 $E = 4.26'$
 PRC STA. = 11+46.20
 P.T. STA. = 12+54.06
 $e = NC$

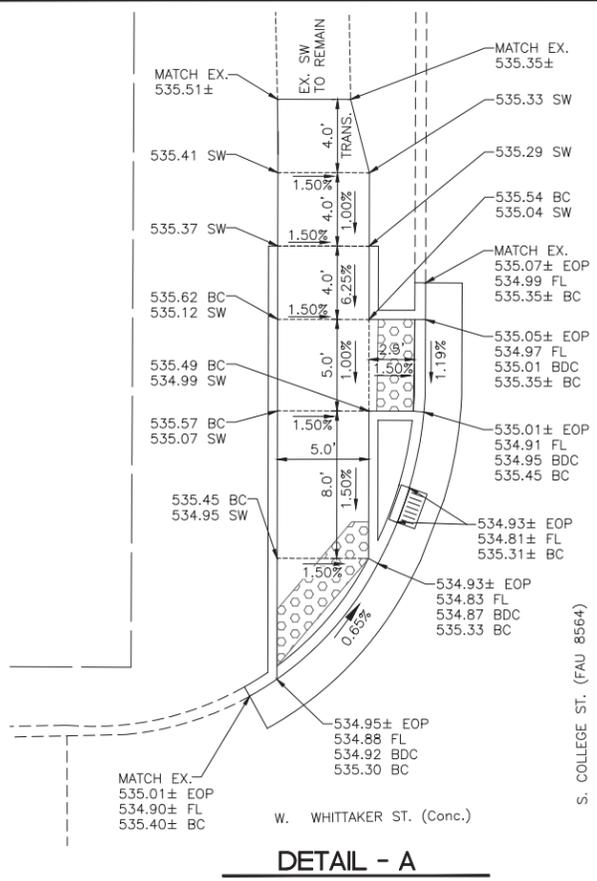
CURVE #1 DATA
 P.I. STA. = 10+95.36
 $\Delta = 18^{\circ}04'34''$
 $D = 17'37'46''$
 $R = 325.00'$
 $T = 51.70'$
 $L = 102.53'$
 $E = 4.09'$
 P.C. STA. = 10+43.66
 PRC STA. = 11+46.20
 $e = NC$



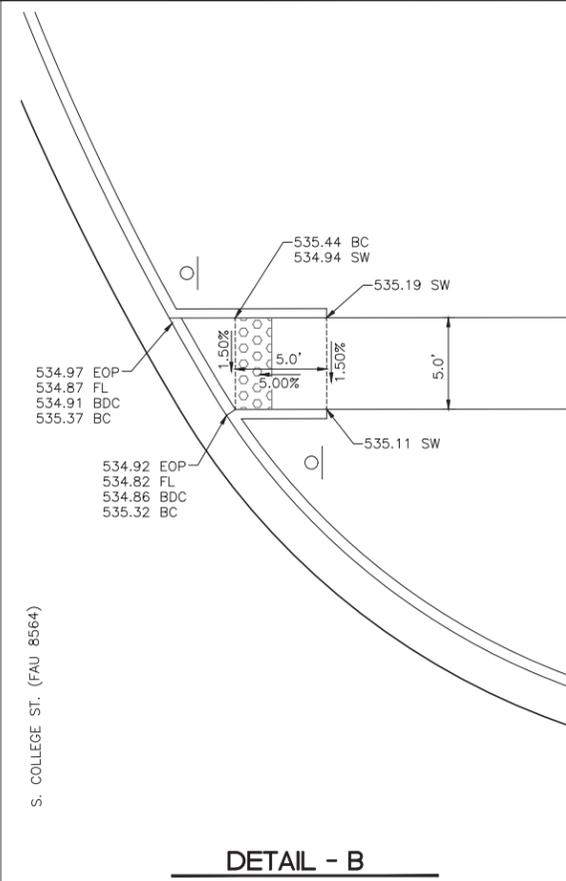
HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'

<p>GONZALEZ COMPANIES, LLC 7 CARPENTER DRIVE SALEM, IL 62884 PHONE (618) 222-2221 www.gonzalezcos.com ILLINOIS PROFESSIONAL DESIGN FIRM #84-004564</p>	DESIGNED - MSF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE OF ROADWAY	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - JMW	REVISED -			FAU 8558	18-00047-03-PV	MARION	11	6
	CHECKED -	REVISED -			CONTRACT NO. 97778				
	DATE - 03/23/2022	REVISED -			GCI JOB NO. 20-640 ILLINOIS FED. AID PROJECT				

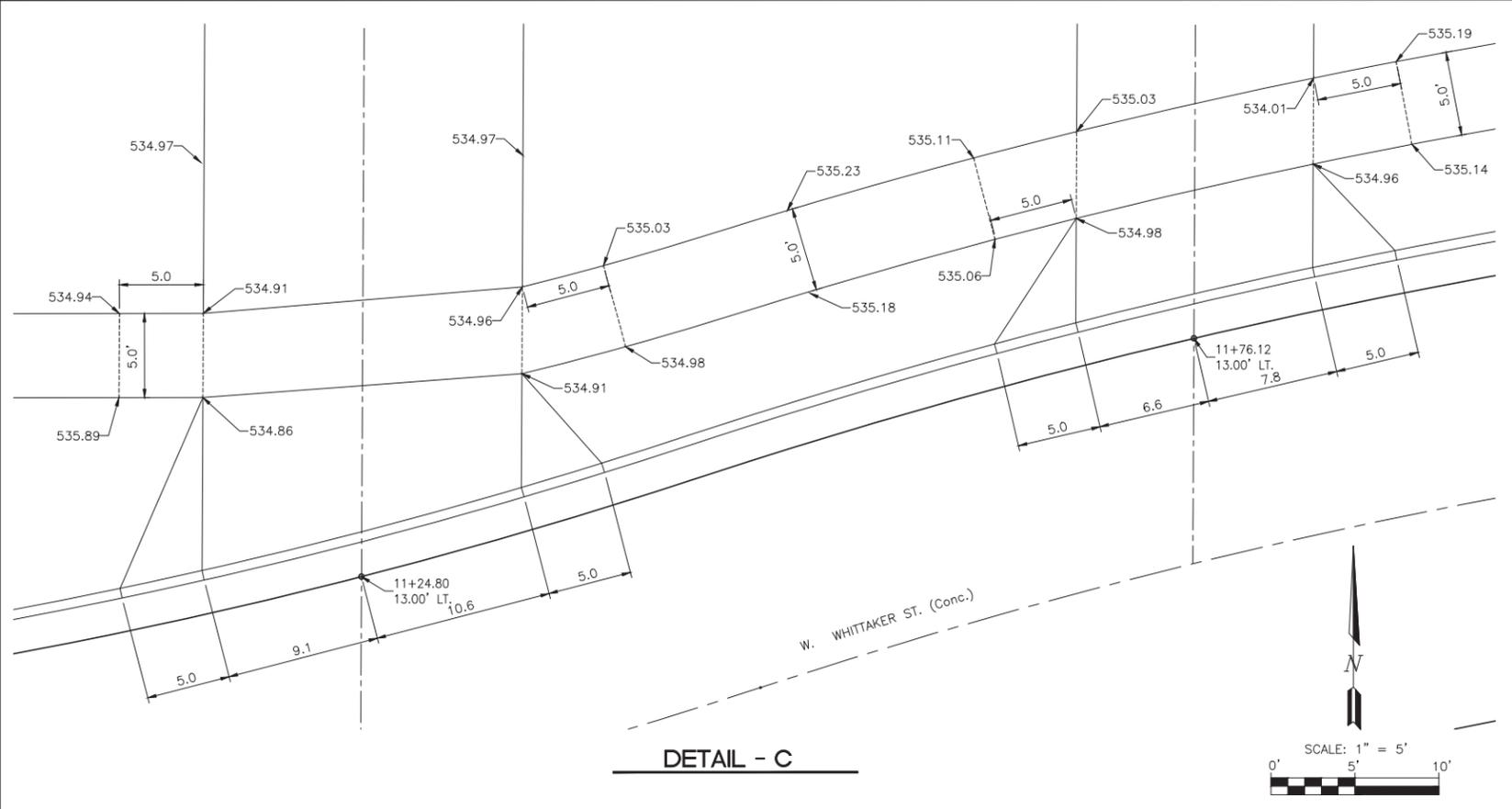
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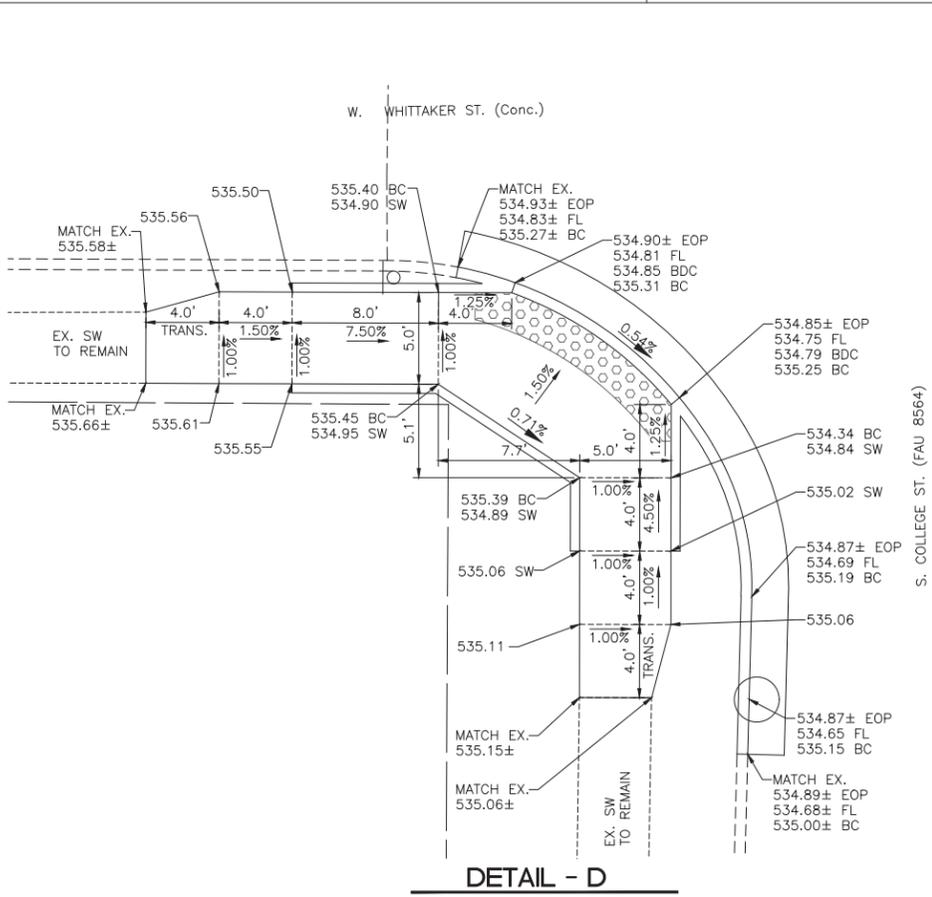
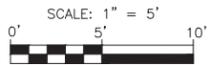
DETAIL - A



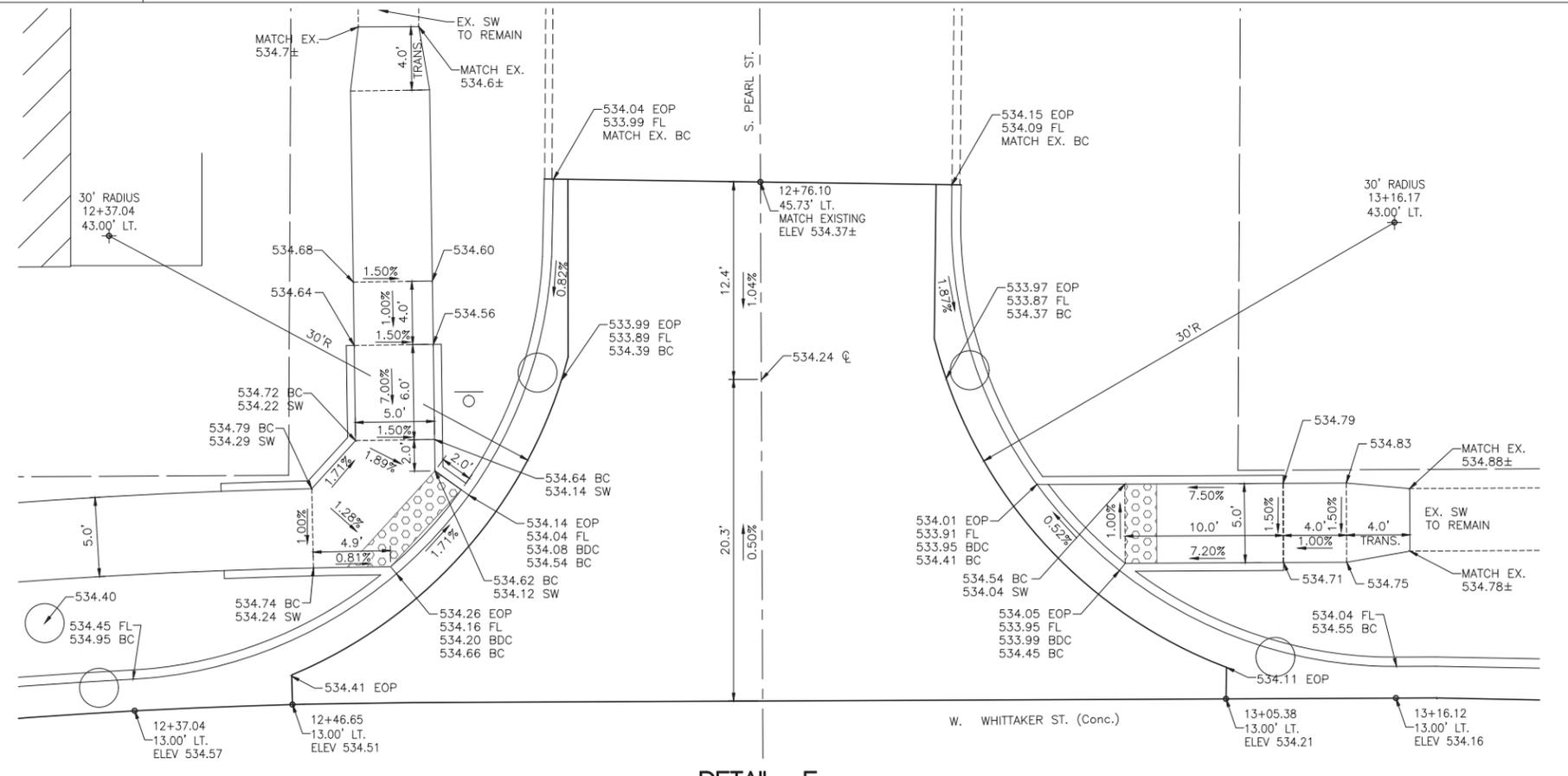
DETAIL - B



DETAIL - C



DETAIL - D



DETAIL - E

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INTERSECTION DETAILS

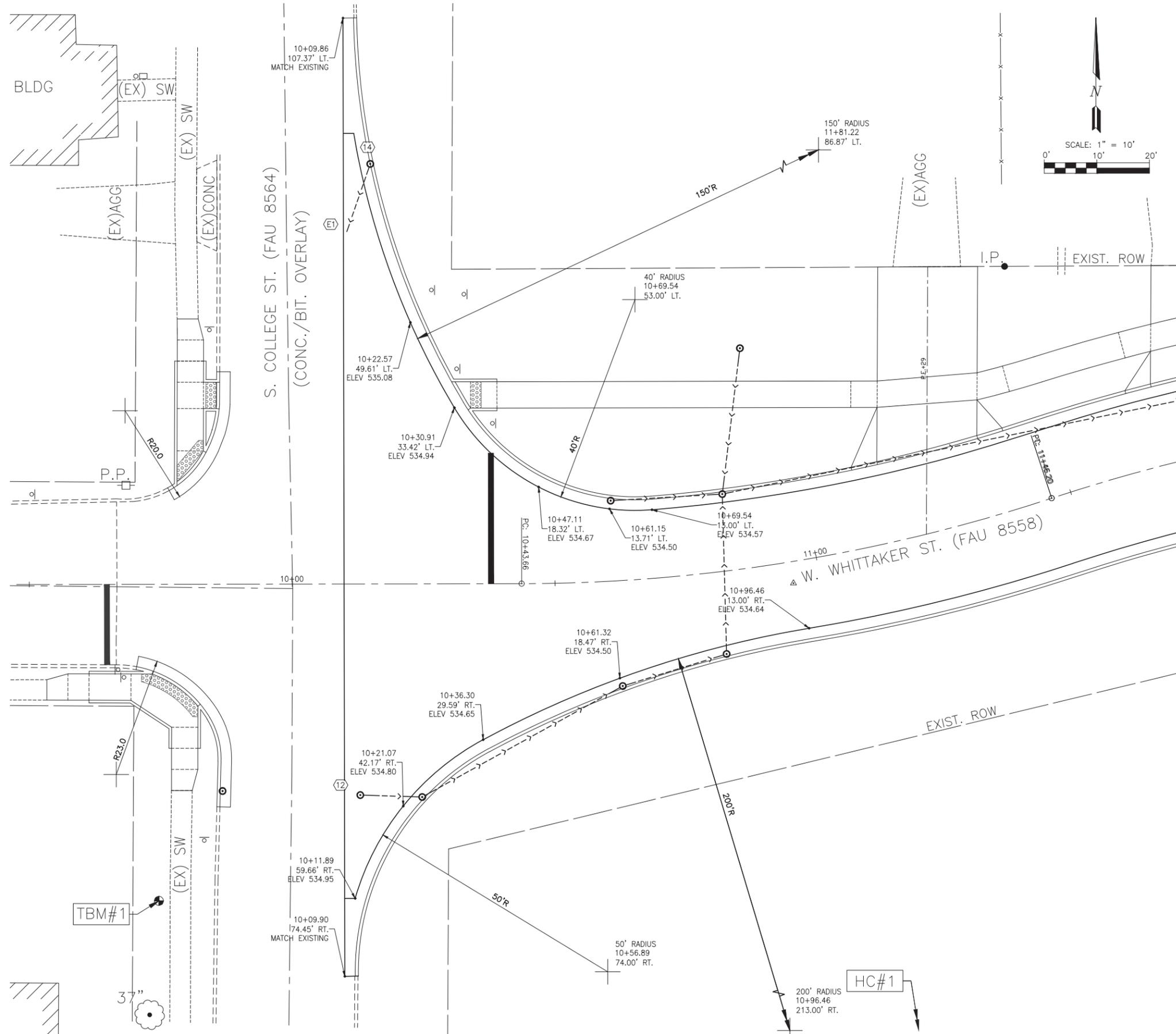
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 8558	18-00047-03-PV	MARION	11	7
CONTRACT NO. 97778				
GCI JOB NO. 20-640 ILLINOIS FED. AID PROJECT				

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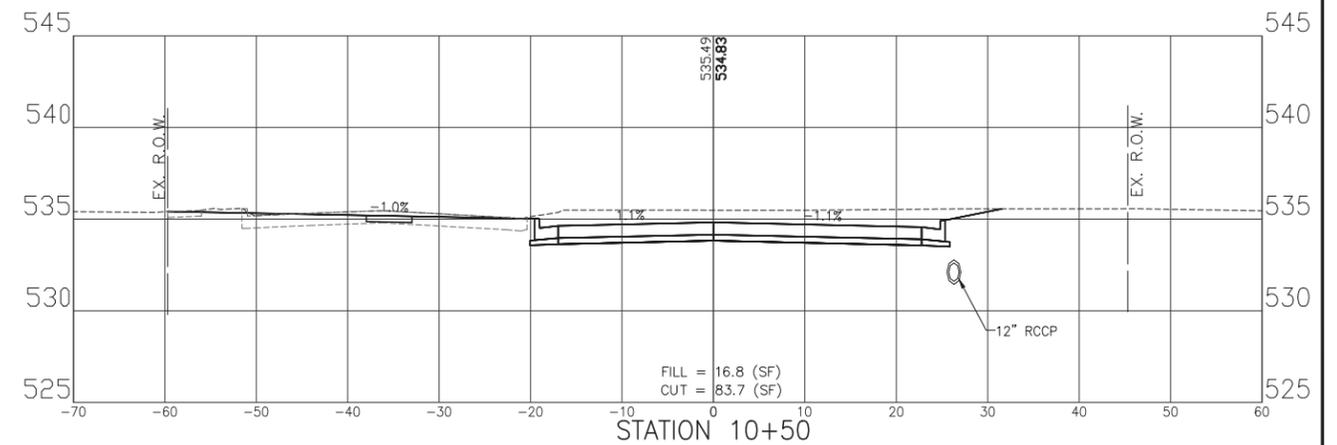
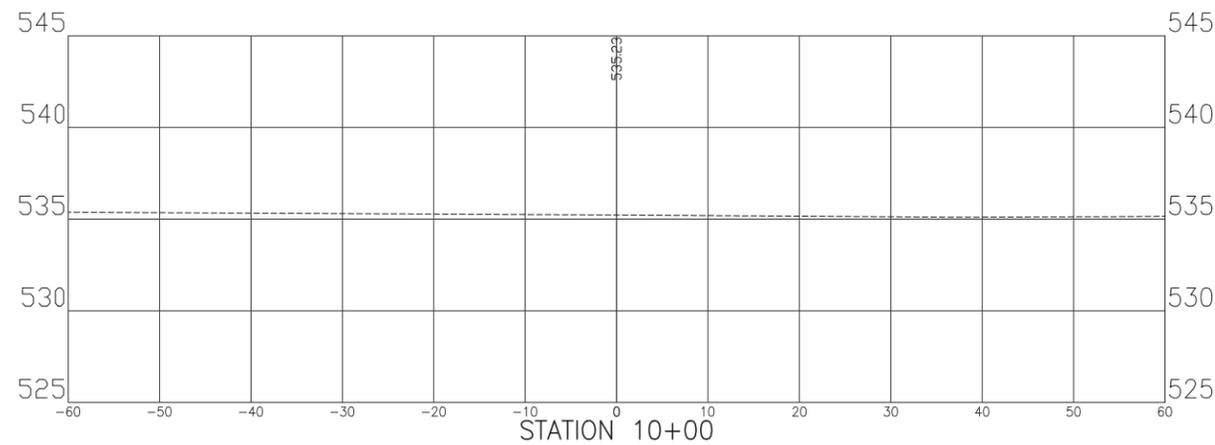
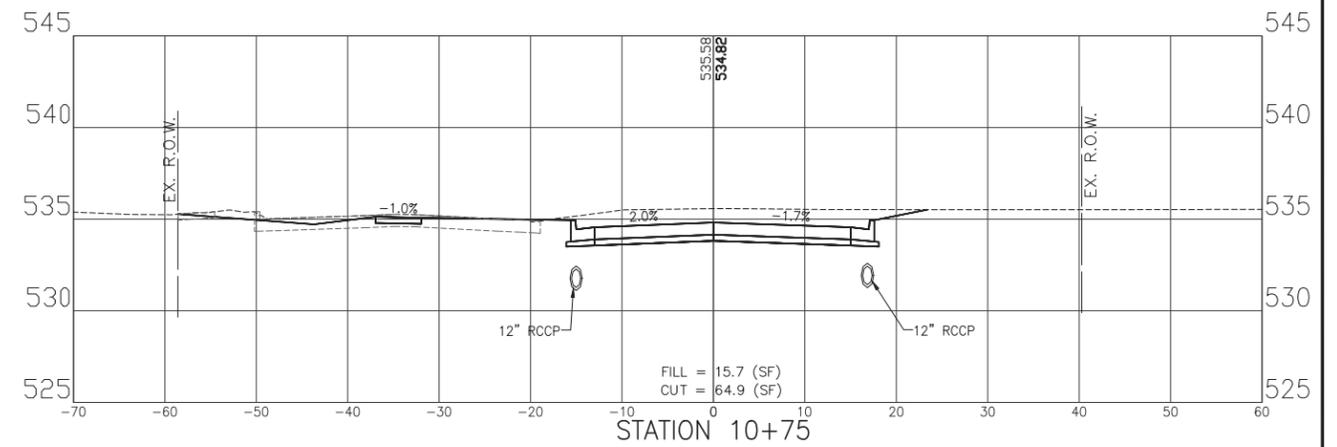
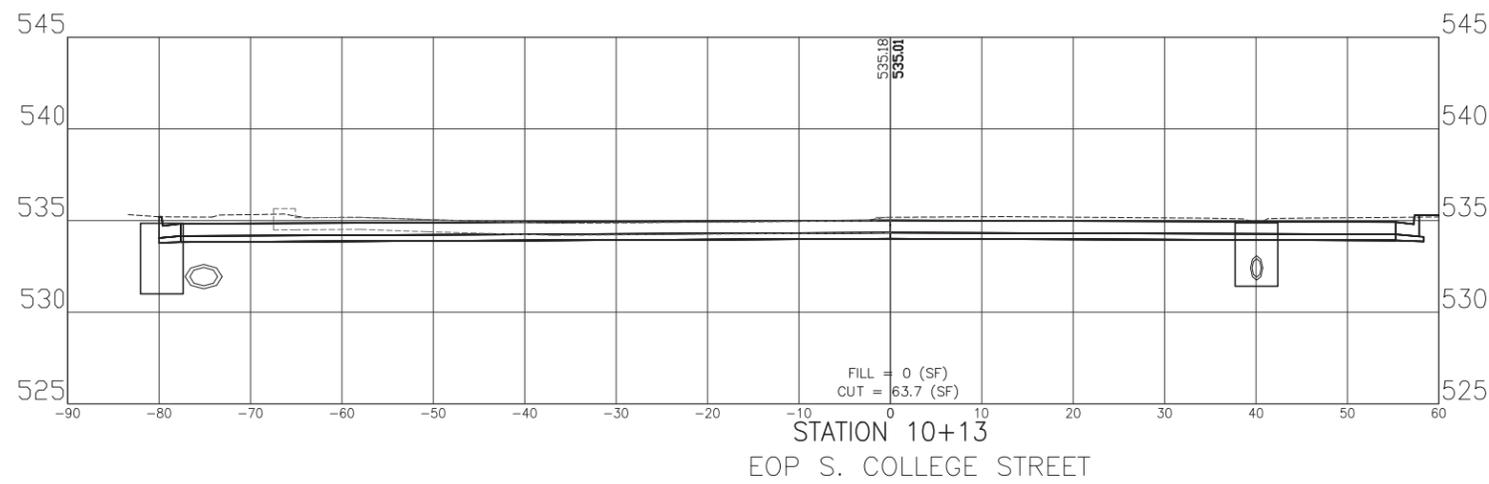
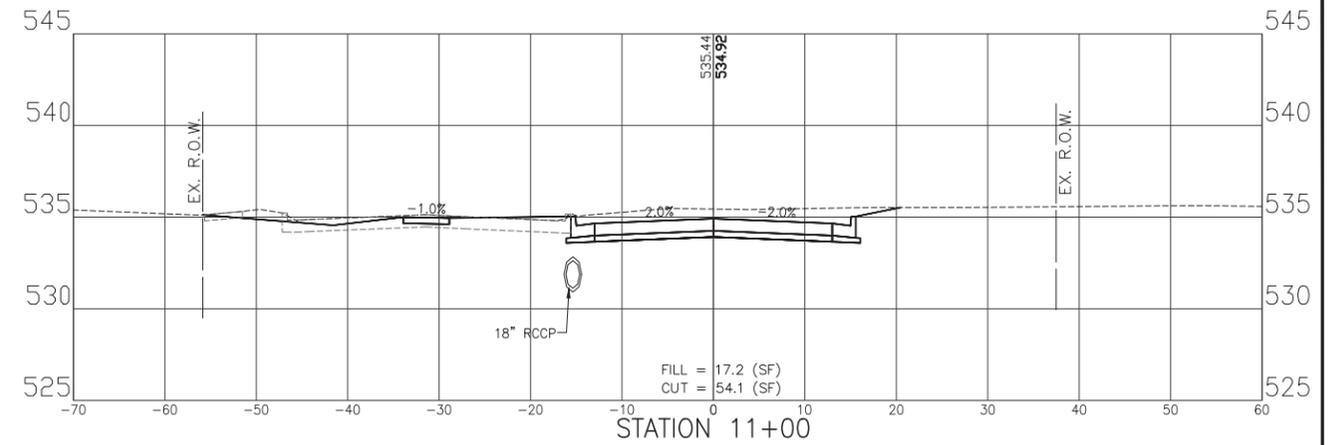
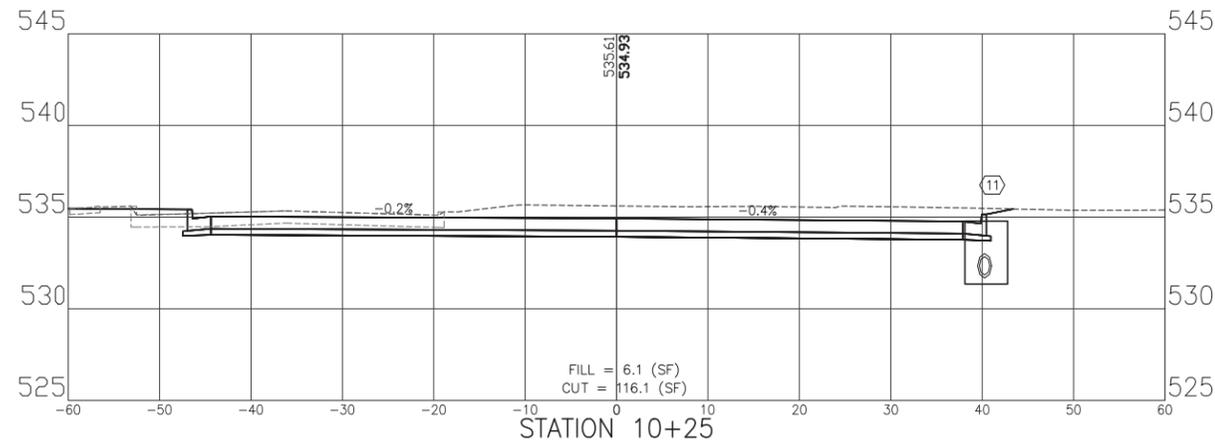
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INTERSECTION DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 8558	18-00047-03-PV	MARION	11	8
CONTRACT NO. 97778				
GCI JOB NO. 20-640		ILLINOIS FED. AID PROJECT		



NOTE:
EARTH WORK QUANTITIES AS SHOWN ARE CALCULATED
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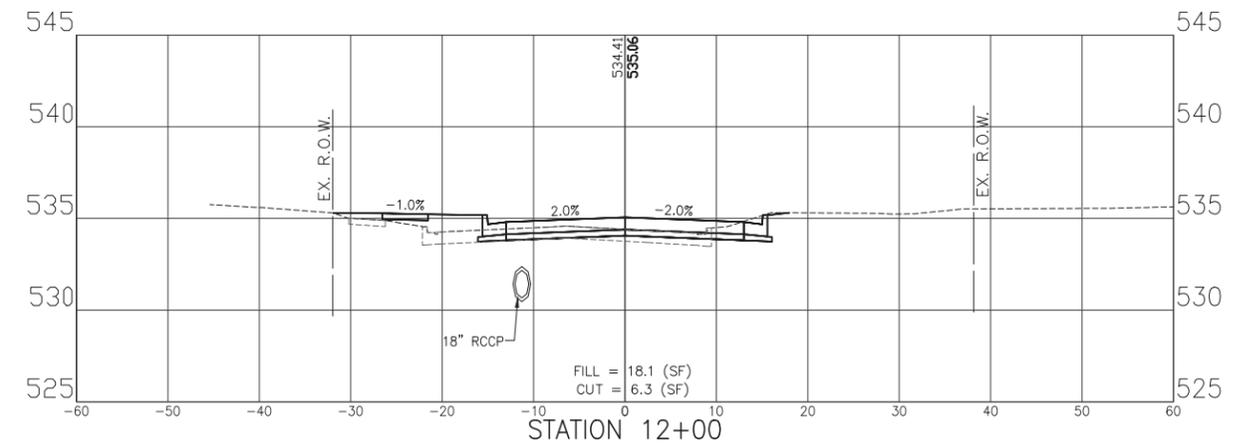
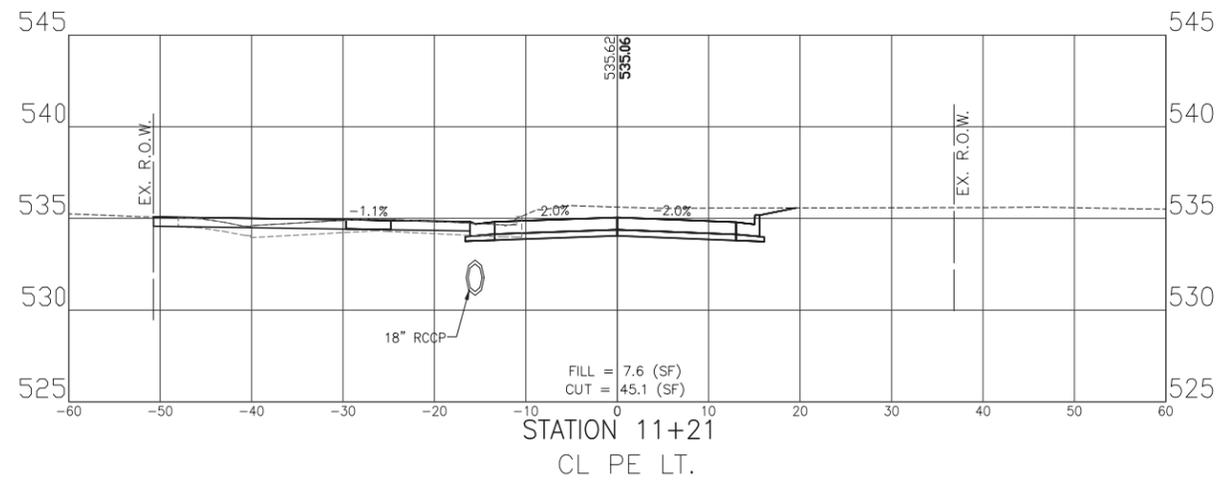
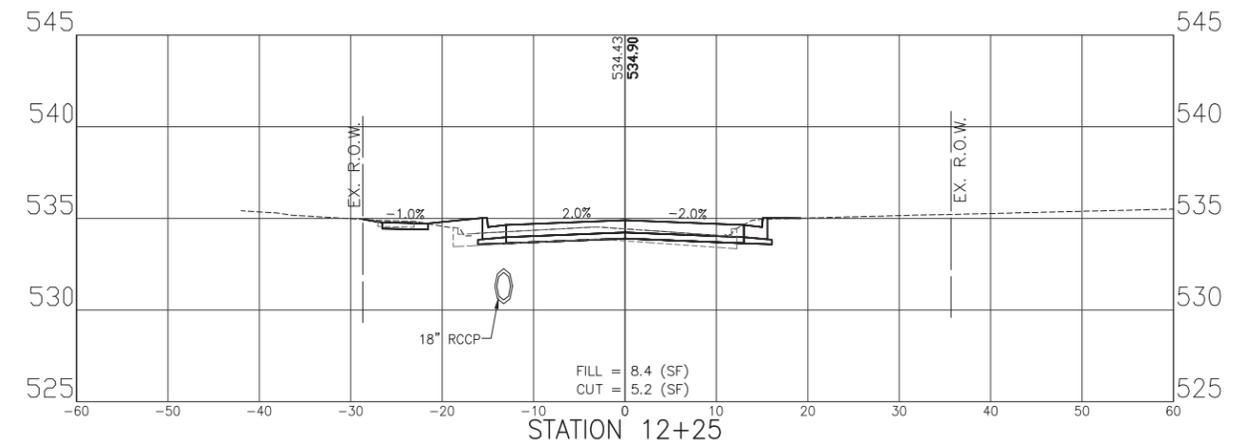
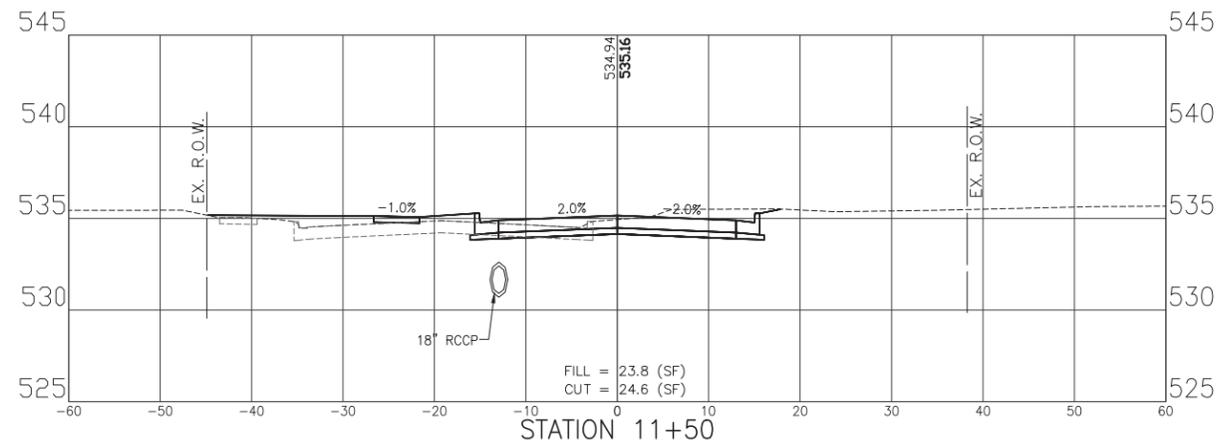
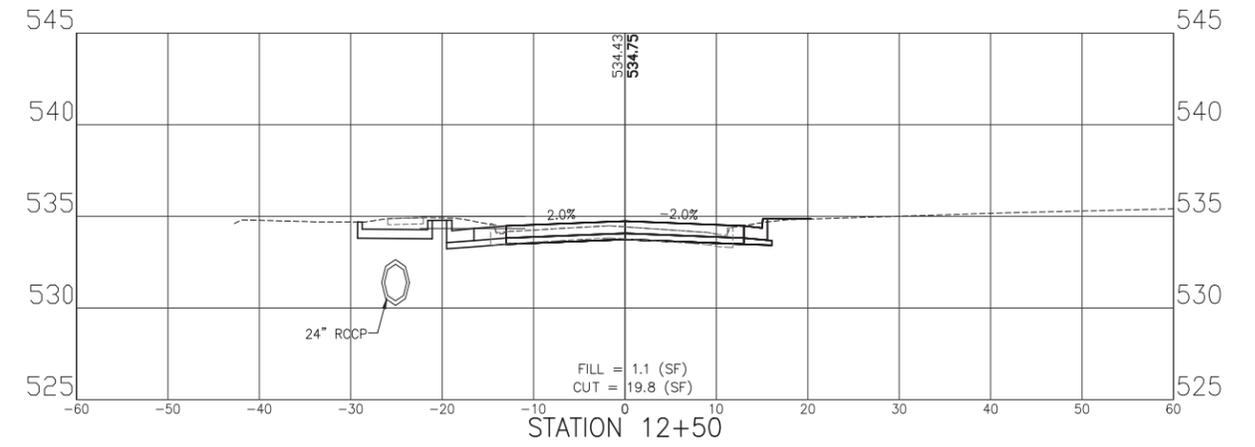
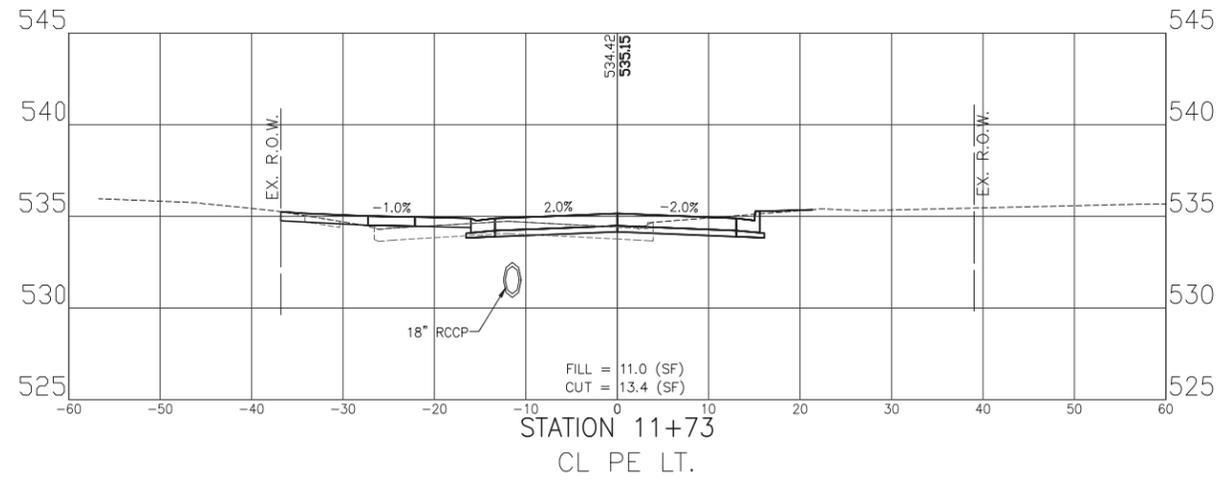
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CROSS SECTIONS OF WEST WHITTAKER ST.
STA. 10+00 - STA. 11+00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 8558	18-00047-03-PV	MARION	11	9
GCI JOB NO. 20-640		ILLINOIS FED. AID PROJECT	CONTRACT NO. 97778	



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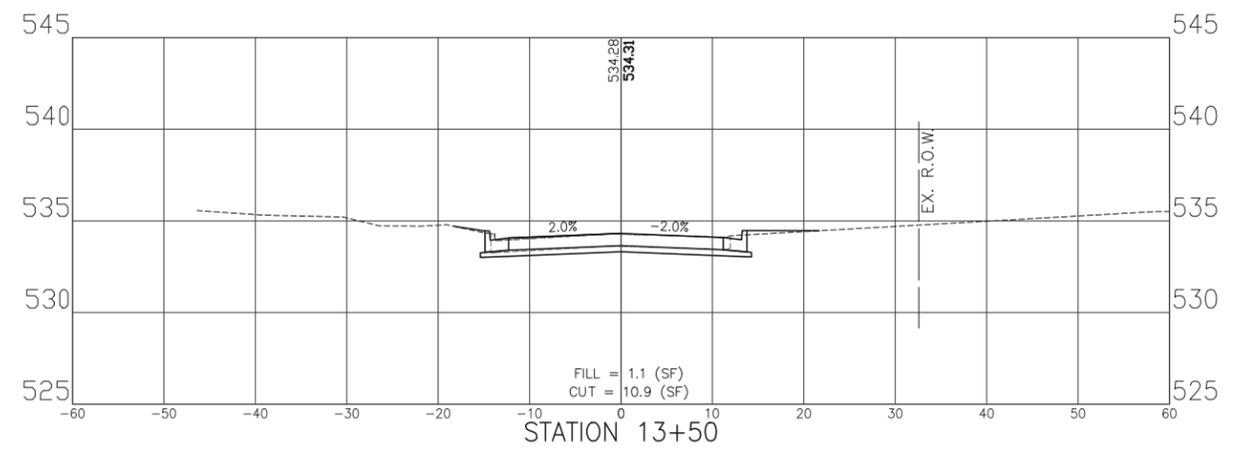
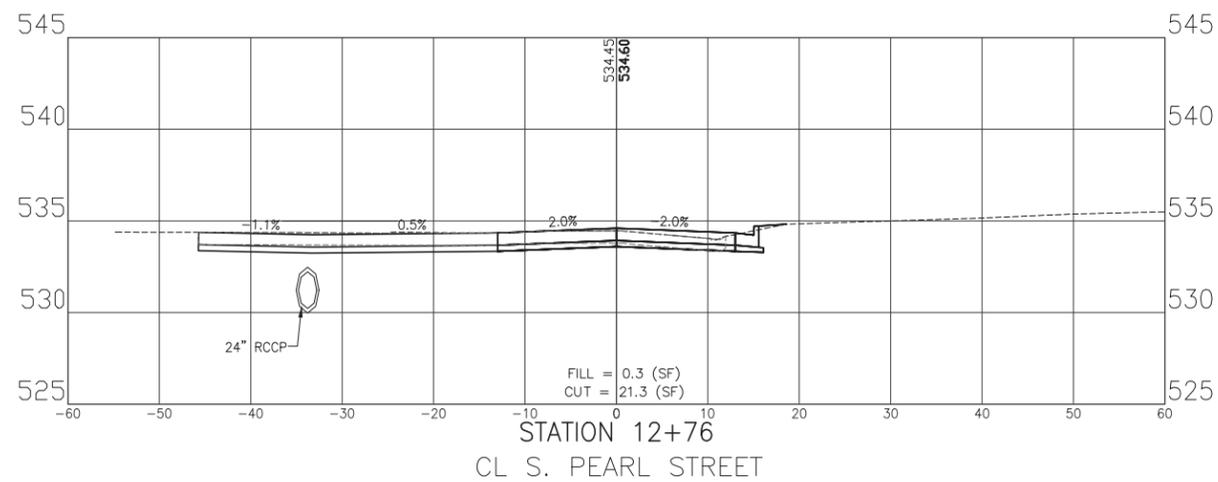
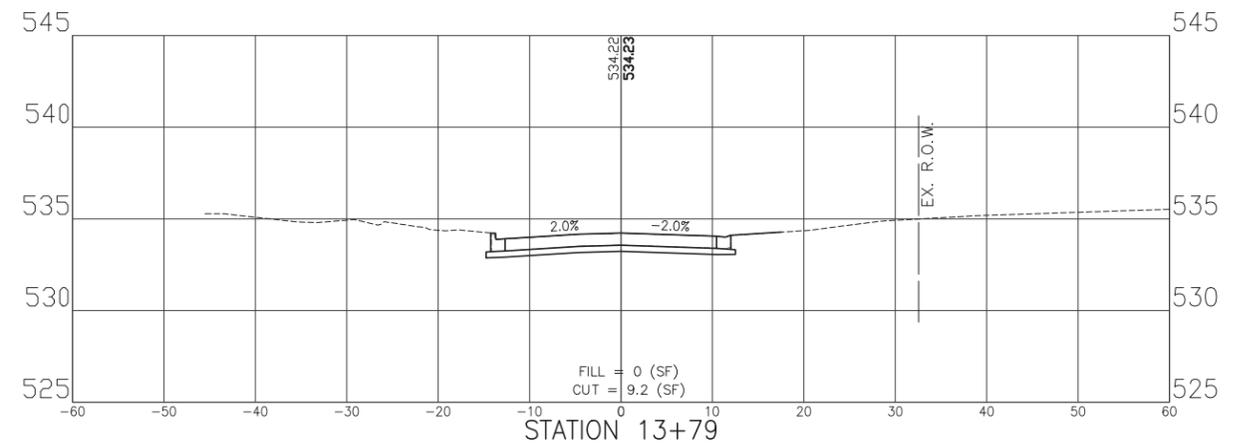
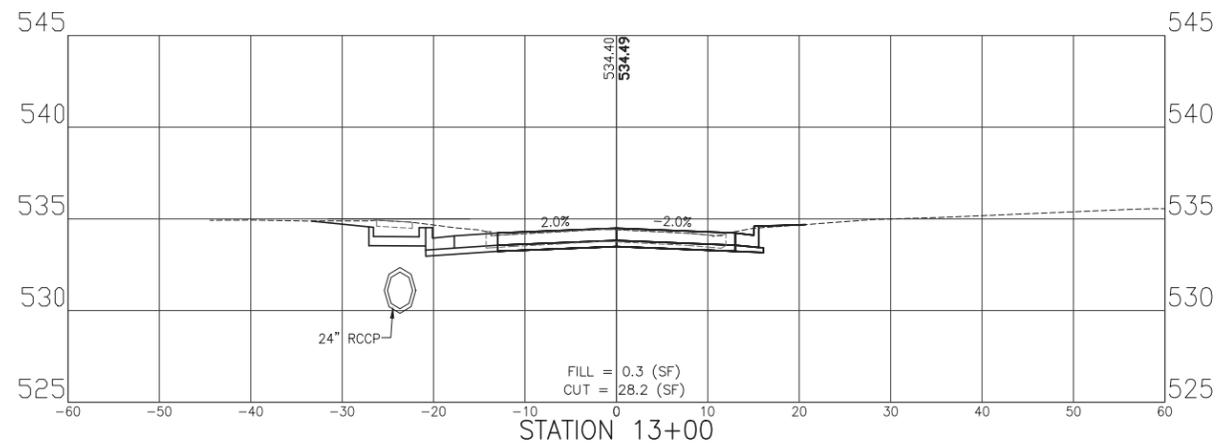
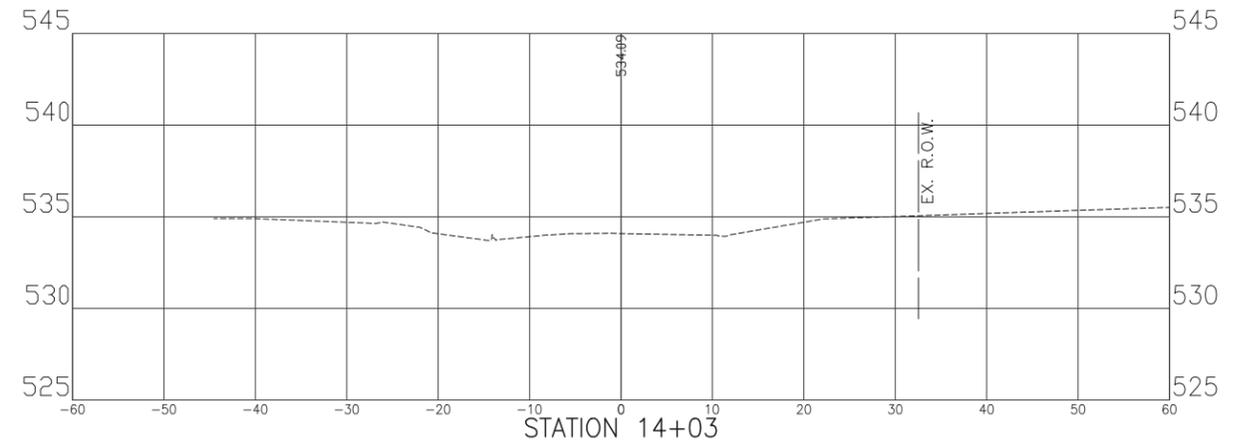
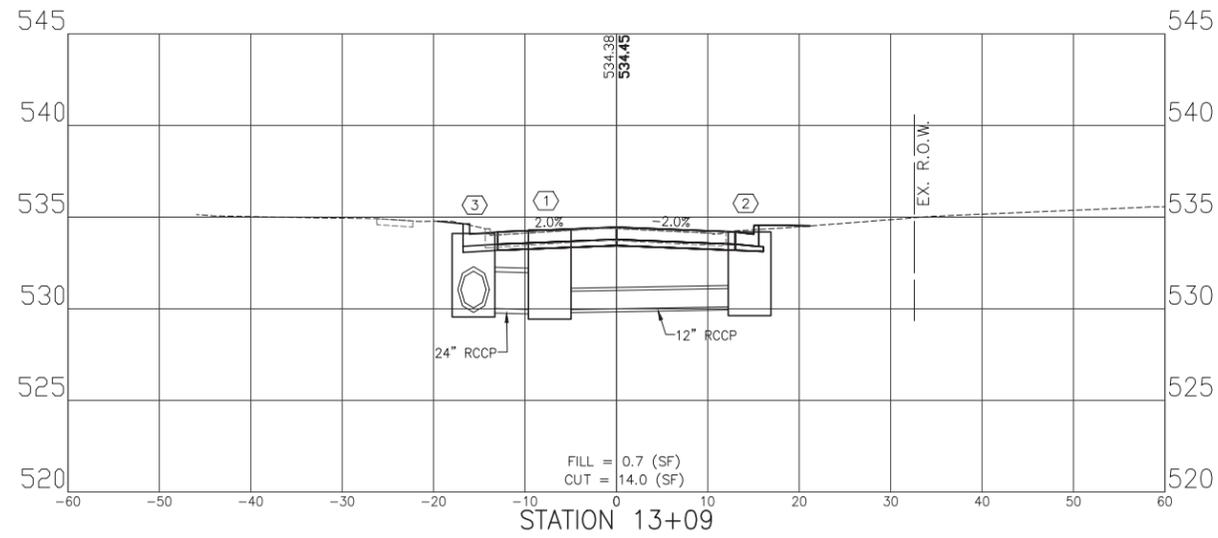
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DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS OF WEST WHITTAKER ST.
STA. 11+21 - STA. 12+50

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 8558	18-00047-03-PV	MARION	11	10
CONTRACT NO. 97778				
GCI JOB NO. 20-640		ILLINOIS FED. AID PROJECT		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS OF WEST WHITTAKER ST.
STA. 12+76 - STA. 13+79

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 8558	18-00047-03-PV	MARION	11	11
CONTRACT NO. 97778				
GCI JOB NO. 20-640		ILLINOIS FED. AID PROJECT		