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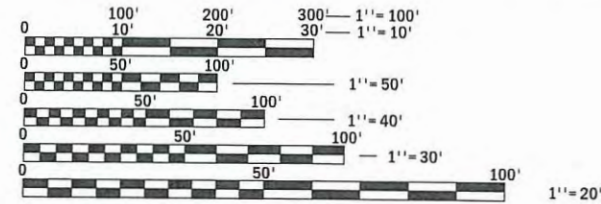
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PROPOSED
HIGHWAY PLANS**
FAU ROUTE 8803 (HOLLOW AVE)
SECTION 22-00040-01-PV
STATE PROJECT C-98-033-25
FEDERAL PROJECT NO. 507A(538)
ROADWAY IMPROVEMENTS
JERSEY COUNTY
JERSEYVILLE

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	1
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



UTILITIES CONTACTS:

ELECTRIC/GAS	TELEPHONE/CABLE	WATER/SEWER
AMEREN IL ELECTRIC GRANT MANULA 314-243-1646 GMAULA@AMEREN.COM	GRAFTON TECHNOLOGIES ANDY HAMILTON 618-535-9980 ANDYH@GTEC.NET	ILLINOIS-AMERICAN WATER COMPANY BRENDAN ST. PETERS 618-494-8312 BRENDAN.STPETERS@AMWATER.COM
AMEREN IL GAS ALEX SHREACK 217-779-4506 ASHREACK@AMEREN.COM	FRONTIER COMMUNICATIONS JOHN O'FLAHERTY 309-635-2169 JOHN.O'FLAHERTY@FTR.COM	ILLINOIS-AMERICAN WATER COMPANY CRYSTAL GRANT 618-363-1151 CRYSTAL.GRANT@AMWATER.COM
AMEREN IL GAS ZACH RAYNER 405-338-8671 ZRAYNER@AMEREN.COM	FRONTIER COMMUNICATIONS STEVEN JONES 309-433-7597 STEVEN.JONES2@FTR.COM	STORM SEWER CITY OF JERSEYVILLE BOB MANN 618-946-0323 BMANN@JERSEYVILLE-IL.US
AMEREN IL GAS NOVA SPENCE 217-358-7609	SPARKLIGHT TRACY KIMBREL 217-827-6194 TRACY.KIMBREL@CABLEONE.BIZ	

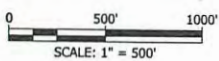


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



LOCATION MAP



GROSS LENGTH = 2,453.26 FT = 0.4646 MILE
NET LENGTH = 2,453.26 FT = 0.4646 MILE

Robert A. Miles 2/21/2025
ROBERT A. MILES
ILLINOIS LICENSED
PROFESSIONAL ENGINEER NO. 062-072311
EXPIRES: 11-30-2025

FUNCTIONAL CLASSIFICATION
MAJOR COLLECTOR
2021 ADT = 1728
DESIGN SPEED = 30 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 2/21 2025
[Signature]
CITY OF JERSEYVILLE - MAYOR

PASSED 2/24 2025
[Signature]
DISTRICT 8 ENGINEER OF
LOCAL ROADS AND STREET

Lara Ramsey
REGION FIVE ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

#	DATE	DESCRIPTION	BY
		DESIGNED BY:	JDM
		DRAWN BY:	JDM
		CHECKED BY:	RAM
		PROJECT ENGR:	

Bartlett & West
1207 S. CLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052
618-494-4001
ILLINOIS DESIGN FIRM NO 164006585-0502
www.bartlettwest.com

HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

COVER SHEET

PROJ NO: 19010.410	DRAWING NO:
CONST PROJ: 97852	
SCALE: AS NOTED	SHEET NO:
DATE: OCTOBER 2024	1 OF 37

Drawing Name: C:\pwworkdata\barwest\ram01458\Drawings\19010.410C_Cover_Sheet.dwg Layout Name: General Notes Plotted By: RAM01458 Plotted on: 2/21/2025 3:27:30 PM
Last edit on: 2/21/2025 3:25 PM by: RAM01458

UTILITIES

1. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123 OR 811 FOR CONFIRMATION OF CURRENT UTILITY LOCATIONS PRIOR TO START OF CONSTRUCTION.

GENERAL NOTES

2. ALL UTILITIES, SCHOOL DISTRICTS, POST OFFICE, LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 7 DAYS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE LOCAL POSTMASTER FOR APPROVAL OF ALL TEMPORARY MAILBOX LOCATIONS. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIAL AND COMMENCING CONSTRUCTION.
4. THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
5. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
6. THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
7. ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS.
8. ALL SURPLUS EXCAVATION DUE TO THE RECONSTRUCTION OF THE CURB RAMPS AND SIDEWALKS MUST REMAIN ON THE PROJECT SITE. THE CONTRACTOR SHALL GRADE THE DISPOSED EXCAVATION TO THE SATISFACTION OF THE ENGINEER AND THE AREA MUST BE SEEDDED IN ACCORDANCE TO THE JOB SPECIAL PROVISIONS FOR "SEEDING (SPECIAL)".
9. IF ANY SECTION OR SUB-SECTION MONUMENT (I.E. STONE, BRASS PLUG, ALUMINUM DISK, IRON PIPE OR PIN, MAG NAIL, CROSS, ETC.), IS ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENT IS REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE THE MONUMENT IN PLACE UNTIL AN ILLINOIS PROFESSIONAL LAND SURVEYOR HAS REFERENCED ITS LOCATION.
10. THE CONTRACTOR SHALL USE PRECAUTIONS DURING CONSTRUCTION TO PROTECT THE STRUCTURAL INTEGRITY OF ALL EXISTING BUILDINGS.
11. SAW CUTS REQUIRED TO PERFORM NECESSARY REMOVALS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM, "PAVEMENT REMOVAL" ACCORDING TO SECTION 440 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

EARTHWORK

12. EARTH EXCAVATION INCLUDES THE REMOVAL OF THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE AND AGGREGATE BASE. THE CONTRACTOR MAY INCORPORATE THESE MATERIAL INTO THE PROPOSED EMBANKMENT. SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
13. CONTRACTOR SHALL ACHIEVE A STABILIZED SUBGRADE PRIOR TO CONSTRUCTION OF THE ROADWAY. ACCEPTANCE OF THE FINAL STABILIZED SUBGRADE WILL BE DETERMINED BY THE CITY AND THE ENGINEER. COMPACTION TESTING (PROOF ROLLING) WILL BE COMPLETED BY THE CONTRACTOR UTILIZING A LOADED TANDEM AXLE DUMP TRUCK WITH THE CITY AND/OR ENGINEER PRESENT FOR VISUAL INSPECTION. IF INITIAL STABILIZATION ATTEMPT IS DEEMED NOT ACCEPTABLE BY THE CITY AND/OR THE ENGINEER, THE CONTRACTOR SHALL REPEAT THE STABILIZATION PROCESS, OR AN APPROVED ALTERNATIVE, UNTIL A STABILIZED SUBGRADE IS ACHIEVED.

DRAINAGE

14. STATIONING FOR ALL DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE DRAINAGE STRUCTURE. THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT ALL CURB LINE DRAINAGE STRUCTURES ARE PROPERLY ALIGNED WITH THE PROPOSED CURB AND GUTTER.
15. STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
16. ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES BID FOR VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.
17. CURB AND GUTTER TRANSITIONS AT AND THROUGH THE INLETS SHALL BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".

PAVING

18. THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING PAVEMENT REMOVAL OPERATIONS. ADJUSTMENTS TO THESE ITEMS SHALL BE PERFORMED BY THE CONTRACTOR, UNLESS OTHERWISE NOTED IN THE PLANS. THE COST FOR THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
19. AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OR TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 5 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER. ALL COST ASSOCIATED WITH CURB AND GUTTER TRANSITIONS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24"

PAVEMENT MARKING

20. THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.

COMMITMENTS

21. SEVERAL PROPERTIES HAVE SUMP PUMP AND/OR ROOF DRAIN DISCHARGE TO BE CONNECTED TO STORM SEWER AS DETERMINED BY THE ENGINEER IN THE FIELD. LOCATION OF THE PIPE TO BE VERIFIED IN FIELD BY CONTRACTOR. SEE PLANS AND SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

Illinois Department of Transportation Standard Drawings	
Standard Number	Description
000001-08	Standard Symbols, Abbreviations and Patterns
001001-02	Areas of Reinforcement Bars
001008-00	Decimal of an Inch and of a Foot
280001-07	Temporary Erosion Control Systems
420001-10	Pavement Joints
424001-12	Perpendicular Curb Ramps for Sidewalks
424016-06	Mid-Block Curb Ramps for Sidewalks
424021-07	Depressed Corner for Sidewalks
424026-04	Entrance Alley Pedestrian Crossings
542001-06	Concrete End Sections for Pipe Culverts 15"-84" Diameter
542011-02	Concrete End Sections for Elliptical Pipe Culverts 15"-72" Diameter
602301-04	Inlet Type A
604001-05	Frame and Lids Type 1
606001-08	Concrete Curb Type Band Combination Concrete Curb and Gutter
701501-06	Urban Lane Closure, 2L 2W, Undivided
701901-10	Traffic Control Devices
780001-05	Typical Pavement Markings
BLR17-4	Traffic Control Devices - Day Labor Construction
BLR21-9	Typical App of Traffic Control Dev for Const of Rural Local Highways
BLR22-7	Typical App of Traffic Control Devices for Const on Rural Local Highways
BLR24-2	Mailbox Turnout for Local Roads

ABBREVIATIONS

D/E	DRAINAGE EASEMENT
U/E	UTILITY EASEMENT
L/E	LANDSCAPE EASEMENT
R/W	RIGHT-OF-WAY
P/E	PEDESTRIAN EASEMENT
T/E	TEMPORARY CONSTRUCTION EASEMENT
W/E	WATERLINE EASEMENT
S/E	SANITARY SEWER EASEMENT
EX	EXISTING
PROP	PROPOSED
RT	ALIGN OFFSET RIGHT SIDE
LT	ALIGN OFFSET LEFT SIDE
FG	FINISHED GRADE ELEVATION
TC	TOP OF CURB ELEVATION
TP	TOP OF PAVEMENT ELEVATION
DIP	DUCTILE IRON PIPE
ME	MATCH EXISTING ELEVATION
TW	TOP OF WALL ELEVATION
BW	BOTTOM OF WALL AT GRADE ELEVATION
EOA	EDGE OF ASPHALT PAVEMENT
W	WATERLINE
UGG	UNDER GROUND GAS
UGT	UNDER GROUND TELEPHONE
DND	DO NOT DISTURB

PAVEMENT LEGEND

	PCC PAVEMENT		RIP RAP		SEEDING AREA
	ASPHALT PAVEMENT		GRAVEL SURFACE		PAVEMENT REMOVAL

LINETYPE LEGEND

	LOT LINES / RIGHT-OF-WAY
	EASEMENT LINE
	SECTION LINE
	CENTER LINE OF ROAD
	EXIST CONTOUR MAJOR
	EXIST CONTOUR MINOR
	PROP CONTOUR MAJOR
	PROP CONTOUR MINOR
	NEW SIDEWALK
	NEW CURB
	CONSTRUCTION LIMITS
	NEW DITCH FLOW

TOPO SYMBOLS AND LINETYPES

EXISTING	
	AXLE
	BOLT
	BRASS MONUMENT
	CLENCHED PIPE
	CONCRETE MONUMENT
	CUT "X"
	DRILL ROD
	IRON PIN/PIPE
	R.O.W. MONUMENT
	RAILROAD SPIKE
	STONE
	TRAVERSE NAIL
	PROPERTY LINE
	AIR CONDITIONING UNIT
	BENCHMARK
	BOLLARD
	BUSH
	CABLE TV PEDESTAL
	DEADMAN
	DOUBLE POST SIGN
	FENCE POST
	MAILBOX
	SOIL BORING NO. 1
	SIGN
	SIGNAL
	CLOSED LID INLET
	ROUND GRATE STORM
	SQUARE GRATE STORM
	STORM MANHOLE CLOSED LID
	STORM MANHOLE ROUND GRATE
	STORM MANHOLE SQUARE GRATE
	STORM INLET CLOSED LID
	STORM INLET ROUND GRATE
	STORM INLET SQUARE GRATE
	FLOW ARROW
	SANITARY MANHOLE
	CLEANOUT
	FLARED END SECTION
	TREE (DECIDUOUS)
	TREE (CONIFEROUS)
	STUMP
	STUMP (TBR)
	FIRE HYDRANT
	WATER VALVE
	WATER METER
	MONITORING WELL
	SPRINKLER
	WATER SPIGOT
	ELECTRIC PEDESTAL
	ELECTRIC TRANSFORMER
	LIGHT POLE/STANDARD

TOPO SYMBOLS AND LINETYPES

EXISTING	
	POWER POLE
	GUY WIRE
	ELECTRIC METER
	ELECTRIC MANHOLE
	VAULT
	TELEPHONE PEDESTAL
	TELEPHONE MANHOLE
	TELEPHONE POLE
	FIBEROPTICS VAULT
	FIBEROPTICS WARNING SIGN
	GAS METER
	GAS VALVE
	CENTERLINE
	CONCRETE ROADS & DRIVES
	CONTOUR LINE
	CULVERT (SIZE & MATERIAL)
	EASEMENT
	ELECTRIC
	OVERHEAD ELECTRIC
	ASPHALT ROADS & DRIVES
	FENCE
	DITCH FLOWLINE
	FLAG (GUTTER)
	GAS
	GRAVEL ROADS & DRIVES
	GUARD RAIL
	RIGHT OF WAY
	SIDEWALK
	SANITARY SEWER MAIN
	SANITARY SEWER LATERAL
	SANITARY FORCEMAIN
	SANITARY SERVICE
	EXISTING PROPERTY LINE
	SECTION LINE
	SECTION LINE (QUARTER)
	SETBACK
	GRADING LIMITS
	EASEMENTS
	STORM SEWER
	TELEPHONE
	OVERHEAD TELEPHONE
	FIBEROPTIC LINE
	TREE LINE
	WATER MAIN
	WATER SERVICE
	12" WATER MAIN
	10" WATER MAIN
	8" WATER MAIN
	6" WATER MAIN
	4" WATER MAIN
	3" WATER MAIN
	2" WATER MAIN

MIX DESIGN TABLE		
Locations:	Hollow Avenue (STA 0+80.00 to STA 1+30.00)	
MIXTURE USE:	HMA SURFACE COURSE (2")	HMA BINDER COURSE (6")
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5	IL-19.0
FRICTION AGGREGATE:	MIX "D"	N/A
QUALITY MANAGEMENT:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A

APPLICATION RATES TABLE	
THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN THE CALCULATED PLAN QUANTITIES:	
PRIME COAT FOR AGGREGATE BASES:	0.25 LB/SQ FT
BITUMINOUS MATERIALS (TACK COAT):	0.025 LBS/ SQ FT (HMA LIFTS)
HMA SURFACE/BINDER:	0.056 TONS/(SQ YD"IN)
TEMPORARY EROSION CONTROL SEEDING:	100 LB/ACRE

#	DATE	DESCRIPTION	BY

DESIGNED BY:	HEM
DRAWN BY:	HEM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West

1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052
618-494-4001
ILLINOIS DESIGN FIRM NO 184006585-0002
www.bartlettwest.com

HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

GENERAL NOTES
COMMITMENTS AND
HIGHWAY STANDARDS



PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	2 OF 37

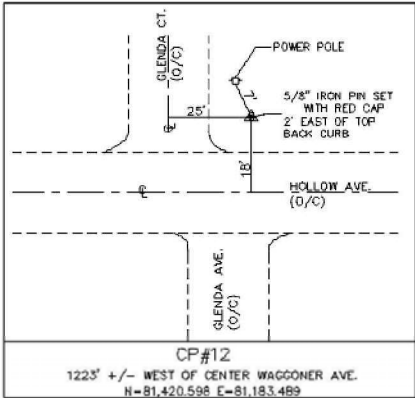
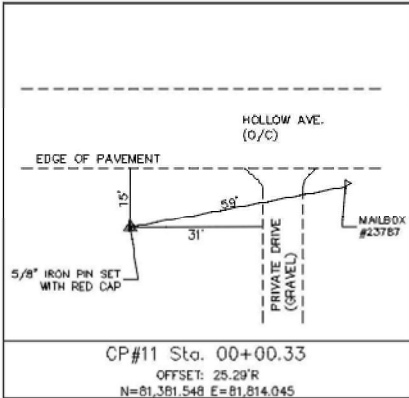
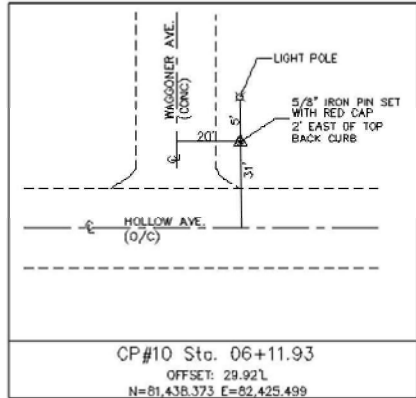
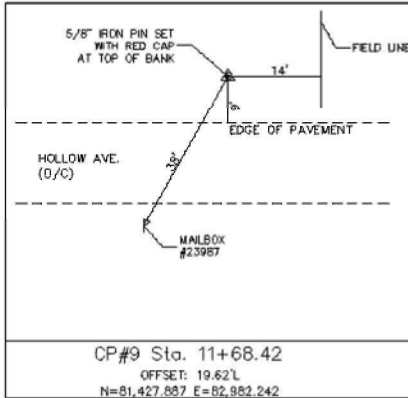
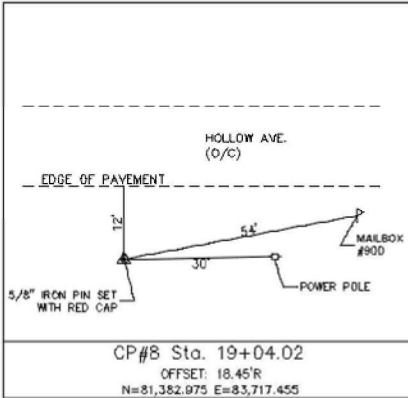
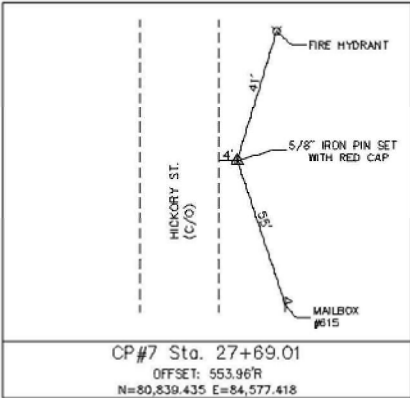
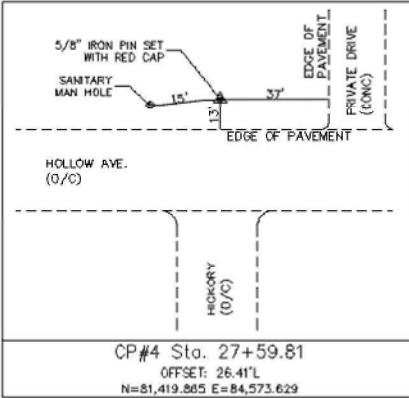
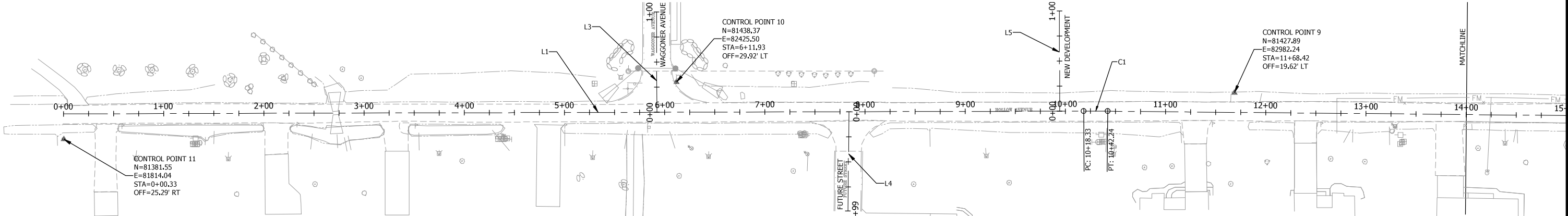
WAGGONER						
NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION	START STATION	START SEGMENT	END STATION
L3	100.00'		N0°09'05.08"W	0+00.00	N 81,408.398, E 82,405.919	1+00.00

FUTURE STREET						
NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION	START STATION	START SEGMENT	END STATION
L4	98.97'		S0°38'46.69"W	0+00.00	N 81,408.904, E 82,597.618	0+98.97

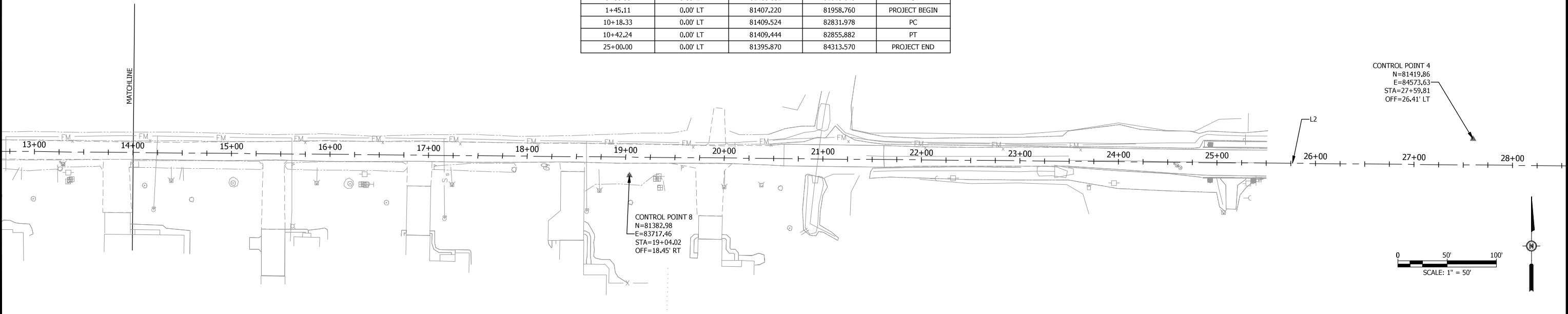
HOLLOW AVE								
NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION	START STATION	START SEGMENT	END STATION	END SEGMENT	CENTER POINT OF CURVE
L1	1018.33'		N89°50'54.92"E	0+00.00	N 81,406.832, E 81,813.648	10+18.33	N 81,409.523, E 82,831.978	
C1	23.90'	2000.00'	S89°48'32.41"E	10+18.33	N 81,409.523, E 82,831.978	10+42.24	N 81,409.444, E 82,855.882	N 79,409.530, E 82,837.263
L2	3677.02'		S89°27'59.73"E	10+42.24	N 81,409.444, E 82,855.882	47+19.26	N 81,375.212, E 86,532.744	

NEW DEVELOPMENT							
NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION	START STATION	START SEGMENT	END STATION	END SEGMENT
L5	99.97'		N0°09'10.22"W	0+00.00	N 81,409.493, E 82,807.879	0+99.97	N 81,509.459, E 82,807.612

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	3
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	DESCRIPTION
0+00.00	0.00' LT	81406.832	81813.648	POT
1+45.11	0.00' LT	81407.220	81958.760	PROJECT BEGIN
10+18.33	0.00' LT	81409.524	82831.978	PC
10+42.24	0.00' LT	81409.444	82855.882	PT
25+00.00	0.00' LT	81395.870	84313.570	PROJECT END



#	DATE	DESCRIPTION

DESIGNED BY:	HEM
DRAWN BY:	HEM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West

1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052
618-494-4001
www.bartlettwest.com

HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

CONTROL POINT



PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	3 OF 37

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
8803	22-00040-01-PV	JERSEY	37	4
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0004 URBAN
20200100	EARTH EXCAVATION	CU YD	4002	4002
20800150	TRENCH BACKFILL	CU YD	555	555
25100115	MULCH, METHOD 2	ACRE	2.2	2.2
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	220	220
28000400	PERIMETER EROSION BARRIER	FOOT	2795	2795
28000500	INLET AND PIPE PROTECTION	EACH	29	29
28100105	STONE RIPRAP, CLASS A3	SQ YD	200	200
28100107	STONE RIPRAP, CLASS A4	SQ YD	96	96
28200200	FILTER FABRIC	SQ YD	296	296
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	7168	7168
30201700	PORTLAND CEMENT	TON	213	213
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	11463	11463
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	66	66
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	120	120

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0004 URBAN
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	47	47
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	16	16
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	35	35
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	7	7
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	7218	7218
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1274	1274
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	11112	11112
42400800	DETECTABLE WARNINGS	SQ FT	77	77
44000100	PAVEMENT REMOVAL	SQ YD	918	918
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	520	520
44000600	SIDEWALK REMOVAL	SQ FT	78	78
50105220	PIPE CULVERT REMOVAL	FOOT	1019	1019
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	1
54010403	PRECAST CONCRETE BOX CULVERTS 4' X 3'	FOOT	4	4

* SPECIALTY ITEM

#	DATE	DESCRIPTION	BY

DESIGNED BY:	HEM
DRAWN BY:	HEM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West

1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62552
618-434-4091
ILLINOIS DESIGN FIRM NO. 14200023-00002
www.bartlettwest.com

HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

SUMMARY OF
QUANTITIES



PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	4 OF 37

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
8803	22-00040-01-PV	JERSEY	37	5
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	

.CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0004 URBAN
54261236	CONCRETE END SECTION, STANDARD 542001, 36", 1:2	EACH	1	1
54263236	CONCRETE END SECTION, STANDARD 542011, 36", 1:2	EACH	1	1
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	1222	1222
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	333	333
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	391	391
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	543	543
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	79	79
550A5300	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	FOOT	12	12
60236200	INLETS, TYPE A, TYPE 3 GRATE	EACH	2	2
60500060	REMOVING INLETS	EACH	2	2
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4797	4797
67100100	MOBILIZATION	L SUM	1	1
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	590	590

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0004 URBAN
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	246	246
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	12	12
K1005421	SEEDING (SPECIAL)	ACRE	1.1	1.1
X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	3	3
X0327301	RELOCATE EXISTING MAILBOX	EACH	10	10
X2810844	REMOVE EXISTING R-PRAP	SQ YD	465	465
X5510010	STORM SEWER CONNECTION	EACH	20	20
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	8	8
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
XX009584	PRECAST INLET (SPECIAL) TYPE E, 4' OPENING	EACH	22	22
XX009585	PRECAST INLET (SPECIAL) TYPE E, 8' OPENING	EACH	1	1
XX009708	PRECAST INLET (SPECIAL) TYPE E, 5' OPENING	EACH	9	9
# 20076600	TRAINEES	Hour	1000	
20013798	CONSTRUCTION LAYOUT	L SUM	1	1
# 20076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1000	
20056672	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	143	143

* SPECIALTY ITEM
0042

#	DATE	DESCRIPTION	BY

DESIGNED BY:	HEM
DRAWN BY:	HEM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West

1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62552
ILLINOIS DESIGN FIRM NO. 12-0000000-0002
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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

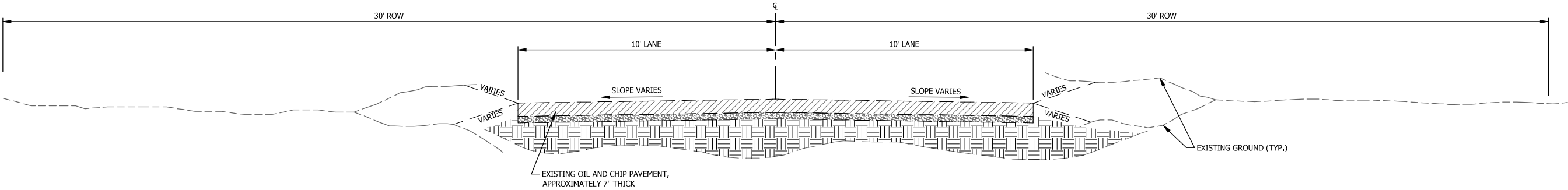
SUMMARY OF
QUANTITIES



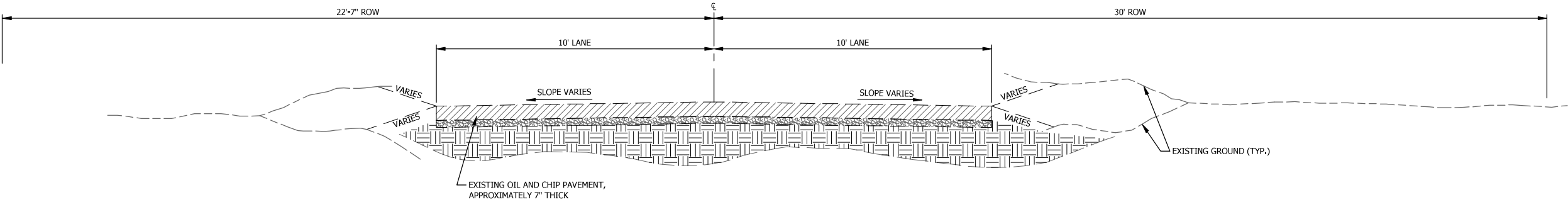
PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	5 OF 37

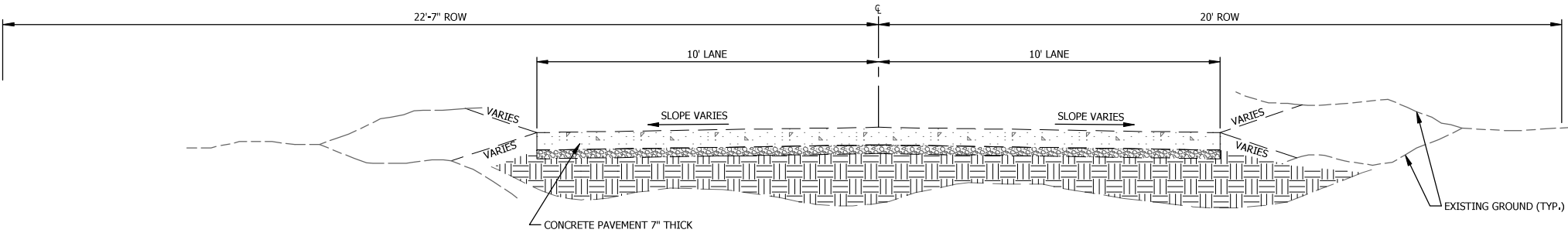
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	6
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



SECTION THROUGH EXISTING ROADWAY - HOLLOW AVENUE
STA 0+80.00 TO STA 8+03.96



SECTION THROUGH EXISTING ROADWAY - HOLLOW AVENUE
STA 8+03.96 TO STA 20+60.52
STA 21+61.86 TO STA 23+44.70



SECTION THROUGH EXISTING ROADWAY - HOLLOW AVENUE
STA 20+60.52 TO STA 21+61.86
STA 23+44.70 TO STA 24+87.01 (LANE WIDTH VARIES)

Drawing Name: c:\pwworkspace\barwest\dm00688\barwest.com\dms16147191010-410C_Typical Sections.dwg Plotted on: 2/21/2025 11:30:50 AM
Last edit on: 2/20/2025 5:06 PM by: JDM00688

#	DATE	DESCRIPTION	BY

DESIGNED BY:	HEM
DRAWN BY:	HEM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West

1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052
618-494-4001
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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

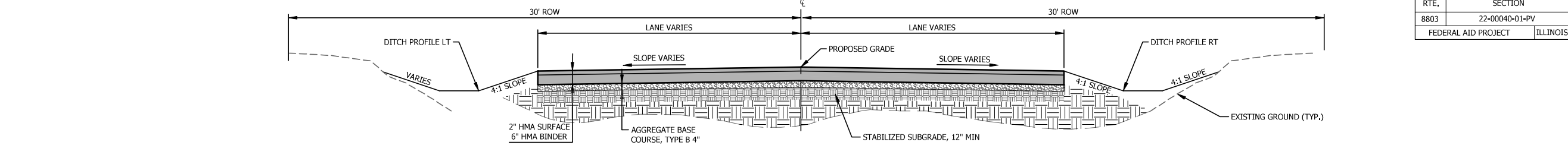
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EXISTING



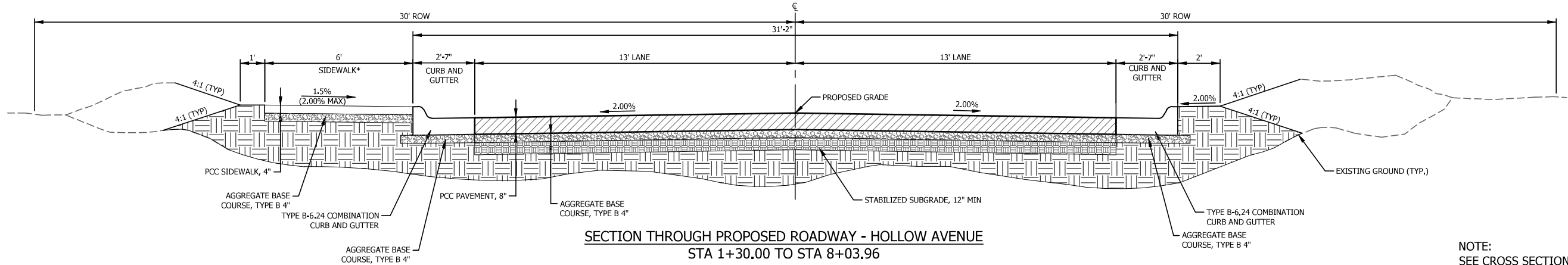
PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	6 OF 37

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	7
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	

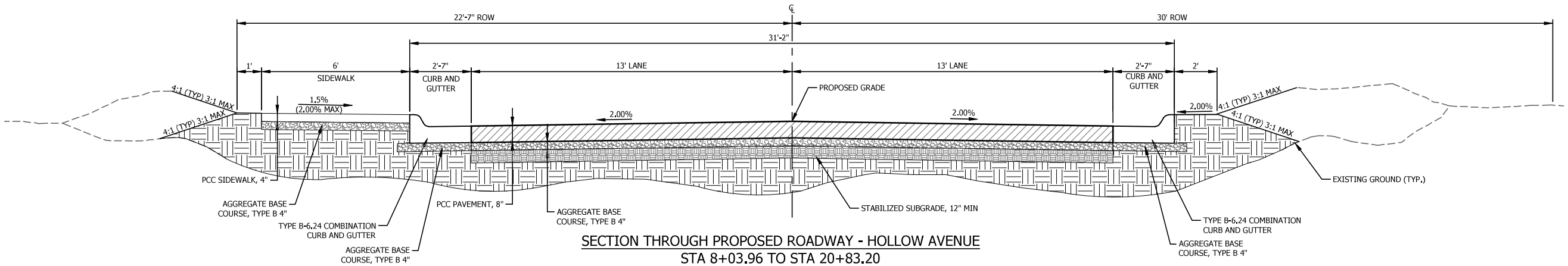


SECTION THROUGH PROPOSED ROADWAY - HOLLOW AVENUE
STA 0+80.00 TO STA 1+30.00

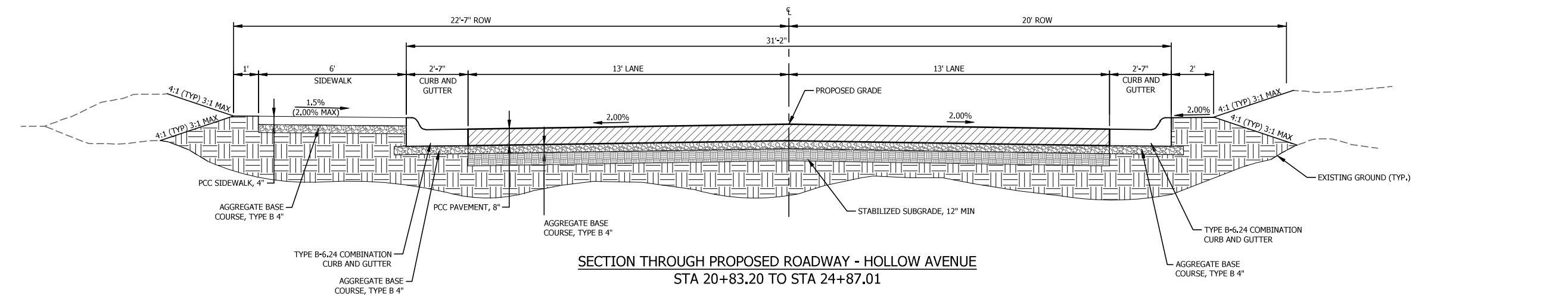


SECTION THROUGH PROPOSED ROADWAY - HOLLOW AVENUE
STA 1+30.00 TO STA 8+03.96
*SIDEWALK BEGINS STA 6+32.59

NOTE:
SEE CROSS SECTION SHEETS FOR
GRADING SLOPES



SECTION THROUGH PROPOSED ROADWAY - HOLLOW AVENUE
STA 8+03.96 TO STA 20+83.20



SECTION THROUGH PROPOSED ROADWAY - HOLLOW AVENUE
STA 20+83.20 TO STA 24+87.01

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Last edit on: 2/20/2025 5:06 PM by: JDM0688

#	DATE	DESCRIPTION	BY

DESIGNED BY:	HEM
DRAWN BY:	HEM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West

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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

TYPICAL SECTIONS
PROPOSED



PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	7 OF 37

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 Last edit on: 3/19/2025 3:08 PM by: RAM01458

REMOVALS								
BEGIN STATION	END STATION	OFFSET	PAVEMENT REMOVAL (CONCRETE)	PIPE CULVERT REMOVAL	REMOVE EXISTING RIPRAP	DRIVEWAY PAVEMENT REMOVAL	SIDEWALK REMOVAL	REMOVING INLETS
			(SQ YD)	(FOOT)	(SQ YD)	(SQ YD)	(SQ FT)	(EACH)
STA 0+75.00	STA 20+60.52	LT/RT						
STA 0+75.00	STA 2+00.06	RT			116.0			
STA 1+97.47	STA 2+28.26	RT		30.8				
STA 1+98.66	STA 2+29.91	RT						
STA 2+00.85	STA 2+24.36	RT				77.0		
STA 2+70.78	STA 2+72.40	LT/RT		32.2				
STA 2+26.54	STA 3+20.09	RT			130.0			
STA 2+60.25	STA 2+81.56	LT			34.0			
STA 3+14.11	STA 3+44.82	RT						
STA 3+17.05	STA 3+47.54	RT		30.2				
STA 3+20.96	STA 3+44.93	RT				86.0		
STA 3+44.24	STA 4+38.79	RT			92.0			
STA 4+34.94	STA 4+98.02	RT		62.9				
STA 4+70.03	STA 4+99.37	RT				83.0		
STA 5+38.08	STA 5+71.70	LT		43.5				
STA 5+42.50	STA 6+41.80	LT	288.0					
STA 5+73.69	-	LT						1.0
STA 5+75.79	STA 6+09.06	LT		33.5				
STA 6+06.27	STA 6+16.35	LT					78.0	
STA 6+10.98	-	LT						1.0
STA 6+12.96	STA 6+55.63	LT		48.6				
STA 7+60.56	STA 8+08.83	RT		48.3				
STA 7+71.96	STA 7+96.17	RT	33.0					
STA 11+15.00	STA 11+85.09	RT		69.9				
STA 11+16.15	STA 11+46.49	RT						
STA 11+18.82	STA 11+41.07	RT				48.0		
STA 12+26.72	STA 12+53.82	RT		27.0				
STA 12+28.93	STA 12+50.83	RT						
STA 12+28.52	STA 12+50.98	RT				30.0		
STA 13+67.24	STA 14+08.42	RT		41.2				
STA 13+69.92	STA 14+05.47	RT						
STA 15+28.44	STA 15+56.97	RT						
STA 15+31.21	STA 15+55.52	RT		24.3				
STA 16+77.77	STA 17+03.69	RT		25.8				
STA 16+78.34	STA 17+03.69	RT						
STA 16+78.51	STA 17+02.55	RT				90.0		
STA 17+86.95	STA 20+81.44	RT		294.5				
STA 18+33.20	STA 18.58.53	RT						
STA 18+34.31	STA 18+58.22	RT				106.0		
STA 19+45.13	STA 20+08.30	RT						
STA 19+82.60	STA 20+04.85	LT		22.3				
STA 19+84.07	STA 20+01.25	LT						
STA 20+60.52	STA 21+61.86	LT/RT	246.0					
STA 20+93.51	STA 21+07.22	LT			34.0			
STA 20+98.13	STA 20+98.13	LT		8.0				
STA 21+29.73	STA 21+49.33	RT		19.5				
STA 21+61.86	STA 23+44.70	LT/RT						
STA 23+06.60	STA 23+40.75	RT			59.0			
STA 23+35.42	STA 24+90.83	RT		156.6				
STA 23+44.70	STA 24+87.01	RT	351.0					
TOTAL			918	1019	465	520	78	2

CONCRETE SIDEWALK, CURB & GUTTER					
BEGIN STATION	END STATION	OFFSET	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	AGGREGATE BASE COURSE, TYPE A 4"
			(SQ FT)	(FOOT)	(SQ YD)*
STA 1+30.00	STA 5+50.00	LT		420.0	140
STA 1+30.00	STA 5+50.00	RT		420.0	140
STA 5+50.00	STA 11+00.00	LT		618.2	206
STA 5+50.00	STA 11+00.00	RT		569.4	190
STA 5+68.22	STA 5+78.22	LT	45.3		5
STA 6+08.73	STA 9+73.94	LT	2437.2		271
STA 10+14.47	STA 19+82.76	LT	5786.8		643
STA 11+00.00	STA 16+50.00	LT		550.0	183
STA 11+00.00	STA 16+50.00	RT		550.0	183
STA 16+50.00	STA 22+00.00	LT		550.0	183
STA 16+50.00	STA 22+00.00	RT		550.0	183
STA 20+05.68	STA 24+87.01	LT	2842.4		316
STA 22+00.00	STA 24+90.01	LT		282.0	94
STA 22+00.00	STA 24+90.01	RT		287.0	96
TOTAL			11112	4797	2833

* = Not a total quantity. See other schedules.


DRIVEWAY & AGGREGATE						
BEGIN STATION	END STATION	OFFSET	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	AGGREGATE FOR TEMPORARY ACCESS	AGGREGATE BASE COURSE, TYPE B 6"	AGGREGATE BASE COURSE, TYPE A 4"
			(SQ YD)	(TON)	(SQ YD)*	(SQ YD)*
STA 1+92.86	STA 2+32.95	70.14' RT	153	10		153
STA 3+12.87	STA 3+52.86	70.44' RT	153	10		153
STA 4+64.07	STA 5+04.07	43.42' RT	81	10		81
STA 11+11.08	STA 11+49.08	51.57' RT	95	10		95
STA 12+20.67	STA 12+58.68	42.40' RT	73	10		73
STA 13+61.44	STA 14+05.44	35.00' RT	139	10		139
STA 15+23.67	STA 15+61.66	35+00' RT	169	10		169
STA 16+69.71	STA 17+09.71	55.24' RT	139	10		139
STA 18+25.86	STA 18+65.85	55.19' RT	112	10		112
STA 19+65.83	STA 20+05.83	30.00' RT	122	10		122
STA 19+81.43	STA 20+07.43	36.75' LT	19	10	25	19
STA 21+10.58	STA 21+39.43	30.00' RT	19	10	13	19
TOTAL			1274	120	38	1274

* = Not a total quantity. See other schedules.

CONCRETE PAVEMENT & AGGREGATE					
BEGIN STATION	END STATION	OFFSET	PORTLAND CEMENT CONCRETE PAVEMENT 8"	AGGREGATE BASE COURSE, TYPE A 4"	AGGREGATE BASE COURSE, TYPE B 6"
			(SQ YD)	(SQ YD)*	(SQ YD)*
STA 1+30.00	STA 5+50.00	LT/RT	1213.3	1213.3	
STA 5+50.00	STA 11+00.00	LT/RT	1588.5	1588.5	
STA 5+53.27	STA 6+31.27	LT	193.6	193.6	
STA 7+44.40	STA 8+22.40	RT	130.2	130.2	
STA 9+60.19	STA 10+28.04	LT	86.6	86.6	28.0
STA 11+00.00	STA 16+50.00	LT/RT	1588.5	1588.5	
STA 16+50.00	STA 22+00.00	LT/RT	1588.5	1588.5	
STA 22+00.00	STA 24+87.01	LT/RT	828.9	828.9	
TOTAL			7218	7218	28

* = Not a total quantity. See other schedules.

HMA PAVEMENT						
BEGIN STATION	END STATION	OFFSET	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5,	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)
			(TON)	(TON)	(POUND)	(POUND)
STA 0+75.00	STA 1+30.00	LT/RT	47.0	15.7	35.0	7.0
TOTAL			47	16	35	7
					AGGREGATE BASE COURSE, TYPE A 4"	
					(SQ YD)*	
					140.0	
					140	

#	DATE	DESCRIPTION	BY	DESIGNED BY:	 <div> 1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052 618-494-4001 ILLINOIS DESIGN FIRM NO 184006585-0002 www.bartlettwest.com </div>	HOLLOW AVENUE ROADWAY IMPROVEMENTS CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS	SCHEDULE OF QUANTITIES		PROJ NO:	DRAWING NO:
				HEM					19010.410	
				DRAWN BY:					CONST PROJ:	
				HEM					97852	
				CHECKED BY:					SCALE:	
				RAM	AS NOTED	SHEET NO:				
				PROJECT ENGR:	DATE:	8 OF 37				
					OCTOBER 2024					

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	9
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	

EROSION CONTROL										
BEGIN STATION	END STATION	OFFSET	STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4	FILTER FABRIC	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	SEEDING (SPECIAL)	TEMPORARY EROSION CONTROL SEEDING	MULCH, METHOD 2
			(SQ YD)	(SQ YD)	(SQ YD)	(FOOT)	(EACH)	(ACRE)	(LB)	(ACRE)
STA 0+75.00	STA 25+28.26	LT/RT						1.1	110.00	1.1
STA 0+75.00	STA 1+15.00	RT	43.0		43.0					
STA 0+75.00	STA 1+15.00	LT	39.0		39.0					
STA 1+69.88	STA 2+79.39	LT				138.0				
STA 1+71.08	STA 1+78.41	RT				29.7				
STA 1+82.10	STA 2+69.51	LT	118.0		118.0					
STA 2+75.00	STA 2+75.00	LT/RT					2			
STA 2+90.06	STA 3+75.00	LT				85.3				
STA 3+75.00	STA 5+75.72	LT				208.5				
STA 3+89.94	STA 3+89.94	LT/RT					2			
STA 4+26.99	STA 4+26.99	LT/RT					2			
STA 5+45.01	STA 5+45.01	LT/RT					2			
STA 5+92.55	STA 5+92.55	RT					1			
STA 6+22.08	STA 9+76.38	LT				368.0				
STA 6+39.56	STA 6+39.56	LT/RT					2			
STA 6+88.21	STA 6+88.21	RT					1			
STA 7+36.84	STA 7+36.84	RT					1			
STA 8+29.93	STA 8+29.93	RT					1			
STA 8+89.97	STA 8+89.97	RT					1			
STA 9+50.00	STA 9+50.00	LT/RT					2			
STA 10+11.20	STA 11+82.88	LT				174.0				
STA 11+75.00	STA 11+75.00	RT					1			
STA 15+00.00	STA 15+00.00	LT/RT					2			
STA 16+50.00	STA 16+50.00	RT					1			
STA 17+00.00	STA 19+84.79	LT				292.0				
STA 18+00.00	STA 18+00.00	LT/RT					2			
STA 19+50.00	STA 19+50.00	RT					1			
STA 20+00.00	STA 20+90.69	RT				95.1				
STA 20+00.37	STA 24+85.70	LT				498.0				
STA 20+10.00	STA 20+95.73	LT				87.7				
STA 20+89.87	STA 21+09.52	LT		95.5	95.5					
STA 20+95.54	STA 21+13.18	RT				24.2				
STA 21+05.74	STA 21+05.74	LT					1			
STA 21+07+59	STA 24+85.70	LT				380.0				
STA 21+34.15	STA 24+85.70	RT				361.8				
STA 21+78.29	STA 21+78.29	LT/RT					2			
STA 23+50.00	STA 23+50.00	LT/RT					2			
STA 24+85.70	STA 25+21.29	LT				52.8				
TOTAL			200	96	296	2795	29	1.1	110.0	1.1

RELOCATE EXISTING MAILBOX		
STATION	OFFSET	(EACH)
STA 2+33.37	11.05' RT	1.0
STA 3+51.47	12.72' RT	1.0
STA 5+00.51	13.03' RT	1.0
STA 11+47.14	11.69' RT	1.0
STA 12+55.21	10.86' RT	1.0
STA 13+98.19	11.72' RT	1.0
STA 15+61.67	11.47' RT	1.0
STA 17+06.07	11.54' RT	1.0
STA 18+19.57	10.02' RT	1.0
STA 19+56.87	10.60' RT	1.0
TOTAL		10

RELOCATE SIGN PANEL ASSEMBLY - TYPE		
STATION	OFFSET	(EACH)
STA 5+63.61	21.10' LT	1.0
STA 5+70.61	28.47' LT	1.0
STA 5+83.11	15.58' RT	1.0
TOTAL		3

DETECTABLE WARNINGS			
BEGIN STATION	END STATION	OFFSET	(SQ FT)
STA 5+76.28	STA 5+78.22	66.34' LT	10.0
STA 6+06.25	STA 6+08.24	66.44' LT	10.0
STA 9+59.61	STA 9+73.94	21.58' LT	28.4
STA 10+14.47	STA 10+28.52	15.58' LT	28.4
TOTAL			77

PAVEMENT MARKING					
BEGIN STATION	END STATION	OFFSET	MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (YELLOW SKIPPED DASH)	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"
			(FOOT)	(FOOT)	(FOOT)
STA 1+30.00	STA 24+87.01	N/A	589.3		
STA 5+78.86	STA 6+05.69	LT		98.7	
STA 5+79.95	STA 5+91.95	LT			12.0
STA 9+70.71	STA 10+17.74	LT		147.2	
TOTAL			590	246	12

EARTH EXCAVATION					
BEGIN STATION	END STATION	CUT	25% SHRINKAGE	FILL	NET (CUT)
		(CU YD)	(CU YD)	(CU YD)	(CU YD)
STA 0+80.00	STA 24+87.01	5815.6	4361.7	359.9	4001.8
TOTAL		5816	4362	360	4002

Note: Earth Excavation includes, but is not limited to, removal of approximately 4686 SY of existing oil and chip pavement, as well as approximately 845 SY of gravel driveway removal.

SUBGRADE STABILIZATION			
BEGIN STATION	END STATION	PORTLAND CEMENT	PROCESSING MODIFIED SOIL 12"
		(TON)	(SQ YD)
STA 0+75.00	STA 24+87.01	213.0	7168.0
TOTAL		213	7168

Note: Assumes 6% by weight cement modification to the subbase along Hollow Avenue and all side streets

Drawing Name: C:\pwworkspace\barwest\ram01488\mns1614719010_410C_Schedule of Quantities.dwg Layout Name: Schedule of Quantities.dwg Plotted on: 2/21/2025 2:19:08 PM
Last edit on: 2/20/2025 5:14 PM by: RAM01488

#	DATE	DESCRIPTION	BY

DESIGNED BY:	HEM
DRAWN BY:	HEM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West

1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052
618-494-4001
ILLINOIS DESIGN FIRM NO 184006585-0002
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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

SCHEDULE OF
QUANTITIES



PROJ NO:	19010.410	AS NOTED	SHEET NO:
CONST PROJ:	97852		
SCALE:			
DATE:	OCTOBER 2024		9 OF 37

Drawing Name: C:\pwworkspace\BartlettWest\ram01488\ms1614719010_410C_Schedule of Quantities.dwg
Layout Name: Schedule of Quantities.dwg
Printed on: 2/21/2025 2:19:35 PM
Last edit on: 2/20/2025 5:14 PM by: RAM01488

INLETS						
INLET NO.	STATION	OFFSET	INLETS, TYPE A, TYPE 8 GRATE	PRECAST INLET (SPECIAL) TYPE E, 4' OPENING	PRECAST INLET (SPECIAL) TYPE E, 5' OPENING	PRECAST INLET (SPECIAL) TYPE E, 8' OPENING
			(EACH)	(EACH)	(EACH)	(EACH)
I-3, I-1	STA 1+10.00	LT/RT	2			
I-21	STA 2+75.17	LT				1
I-2	STA 2+79.17	RT		1		
I-20	STA 3+89.94	LT			1	
I-19	STA 3+89.94	RT		1		
I-18	STA 4+26.99	LT			1	
I-17	STA 4+26.99	RT		1		
I-16	STA 5+45.01	LT			1	
I-14	STA 5+45.01	RT			1	
I-13	STA 5+70.00	RT			1	
I-13B	STA 6+70.00	RT		1		
I-15	STA 5+76.27	LT		1		
I-15B	STA 6+08.27	LT		1		
I-11, I-12	STA 6+39.56	LT/RT		2		
I-40	STA 6+88.21	RT		1		
I-9	STA 7+36.84	RT		1		
I-8	STA 8+29.93	RT		1		
I-6, I-7	STA 8+89.97	LT/RT		2		
I-5	STA 9+50.00	RT		1		
I-4	STA 11+75.00	RT		1		
I-22, I-23	STA 15+00.00	LT/RT		2		
I-24	STA 16+50.00	RT		1		
I-25, I-26	STA 18+00.00	LT/RT		2		
I-27	STA 19+50.00	RT		1		
I-33	STA 21+05.74	LT			1	
I-32	STA 21+75.00	LT			1	
I-28	STA 21+75.00	RT		1		
I-31, I-30	STA 23+50.00	LT/RT			2	
TOTAL			2	22	9	1

TRENCH BACKFILL					
PIPE NO.	BEGIN STATION	END STATION	OFFSET	(CUYD)	
P-14	STA 5+45.01	STA 5+45.01	LT/RT	6.1	
P-13	STA 5+47.76	STA 5+67.25	RT	3.4	
P-12	STA 5+72.75	STA 6+36.81	RT	11.2	
P-10	STA 6+42.31	STA 6+85.46	RT	7.5	
P-9	STA 6+90.96	STA 7+34.09	RT	7.5	
P-8	STA 7+39.59	STA 8+27.18	RT	18.0	
P-7	STA 8+32.68	STA 8+87.22	RT	11.2	
P-5	STA 8+92.72	STA 9+47.25	RT	12.8	
P-20	STA 2+79.92	STA 3+86.69	LT	16.9	
P-18	STA 3+93.19	STA 4+23.74	LT	4.8	
P-16	STA 4+30.24	STA 5+41.76	LT	29.0	
P-31	STA 21+78.75	STA 23+46.75	LT	55.3	
P-30	STA 23+50.00	STA 23+50.00	LT/RT	9.7	
P-21	STA 2+68.67	STA 2+73.20	LT	2.0	
P-3	STA 1+77.75	STA 2+70.42	LT	13.3	
P-1	STA 1+77.75	STA 2+76.42	RT	11.9	
P-15	STA 5+48.01	STA 5+73.77	LT	12.5	
P-15B	STA 5+79.02	STA 6+05.52	LT	7.5	
P-11	STA 6+39.56	STA 6+39.56	LT/RT	5.0	
P-6	STA 8+89.97	STA 8+89.97	LT/RT	5.0	
P-22	STA 15+00.00	STA 15+00.00	LT/RT	6.3	
P-23	STA 15+02.75	STA 16+47.25	RT	37.4	
P-24	STA 16+52.75	STA 17+97.27	RT	34.1	
P-25	STA 18+00.00	STA 18+00.00	LT/RT	5.6	
P-26	STA 18+02.55	STA 19+47.25	RT	34.1	
P-27	STA 19+52.75	STA 20+89.71	RT	36.3	
P-28	STA 20+96.40	STA 21+72.25	RT	14.4	
P-2	STA 2+75.53	STA 2+78.86	LT/RT	5.4	
P-19	STA 3+89.94	STA 3+89.94	LT/RT	4.6	
P-17	STA 4+26.99	STA 4+26.99	LT/RT	5.3	
P-4	STA 9+52.75	STA 11+72.75	RT	45.0	
P-33	STA 21+05.74	STA 21+05.74	LT	2.0	
P-32	STA 21+08.99	STA 21+71.75	LT	17.7	
P-29	STA 23+53.25	STA 24+90.53	RT	56.6	
TOTAL				555	

STORM SEWER CONNECTION		
STATION	ADDRESS	(EACH)
STA 1+41.60	23817 HOLLOW AVENUE	1
STA 1+50.48	23817 HOLLOW AVENUE	1
STA 2+48.28	23817 HOLLOW AVENUE	1
STA 2+72.98	23839 HOLLOW AVENUE	1
STA 2+80.44	23839 HOLLOW AVENUE	1
STA 2+84.19	23839 HOLLOW AVENUE	1
STA 3+10.00	23839 HOLLOW AVENUE	1
STA 3+54.83	23839 HOLLOW AVENUE	1
STA 5+00.37	23867 HOLLOW AVENUE	1
STA 5+62.92	23867 HOLLOW AVENUE	1
STA 6+05.12	1000 HOLLOW AVENUE	1
STA 6+80.00	910 WAGGONER AVENUE	1
STA 8+64.57	914 HOLLOW AVENUE	1
STA 10+42.00	23987 HOLLOW AVENUE	2
STA 11+20.00	23987 HOLLOW AVENUE	1
STA 12+84.84	910 HOLLOW AVENUE	1
STA 12+87.09	910 HOLLOW AVENUE	1
STA 14+49.75	908 HOLLOW AVENUE	1
STA 14+51.09	908 HOLLOW AVENUE	1
TOTAL		20

END SECTIONS					
END SECTION NO.	STATION	OFFSET	CONCRETE END SECTION, STANDARD 542011, 36", 1:2	CONCRETE END SECTION, STANDARD 542001, 36", 1:2	BOX CULVERT END SECTIONS, CULVERT NO. 1
			(EACH)	(EACH)	(EACH)
ES-21	STA 2+68.67	LT	1.0		
NA	STA 20+98.57	LT			1.0
ES-33	STA 21+05.74	LT		1.0	
TOTAL			1	1	1

STORM SEWERS, CLASS A, TYPE 2 15"					
PIPE NO.	BEGIN STATION	END STATION	OFFSET	(FOOT)	
P-3	STA 1+10.00	STA 2+75.17	LT	165.0	
P-1	STA 1+10.00	STA 2+79.17	RT	169.0	
P-15	STA 5+45.01	STA 5+76.27	LT	43.0	
P-15B	STA 5+76.27	STA 6+08.27	LT	32.0	
P-11	STA 6+39.56	STA 6+39.56	LT/RT	35.0	
P-6	STA 8+89.97	STA 8+90.05	LT/RT	35.0	
P-22	STA 15+00.00	STA 15+00.00	LT/RT	35.0	
P-23	STA 15+00.00	STA 16+50.00	RT	150.0	
P-24	STA 16+50.00	STA 18+00.00	RT	150.0	
P-25	STA 18+00.00	STA 18+00.00	LT/RT	35.0	
P-26	STA 18+00.00	STA 19+50.00	RT	150.0	
P-27	STA 19+50.00	STA 20+93.06	RT	141.0	
P-28	STA 20+93.06	STA 21+75.00	RT	82.0	
TOTAL				1222	

STORM SEWERS, CLASS A, TYPE 2 18"					
PIPE NO.	BEGIN STATION	END STATION	OFFSET	(FOOT)	
P-2	STA 2+75.17	STA 2+79.17	LT/RT	36.0	
P-19	STA 3+89.94	STA 3+89.94	LT/RT	36.0	
P-17	STA 4+26.99	STA 4+26.99	LT/RT	36.0	
P-4	STA 9+50.00	STA 11+75.00	RT	225.0	
TOTAL				333	

STORM SEWERS, CLASS A, TYPE 2 24"					
PIPE NO.	BEGIN STATION	END STATION	OFFSET	(FOOT)	
P-13B	STA 5+70.00	STA 5+70.00	RT	10.0	
P-12	STA 5+70.00	STA 6+39.56	RT	70.0	
P-10	STA 6+39.56	STA 6+88.21	RT	49.0	
P-9	STA 6+88.21	STA 7+36.84	RT	49.0	
P-8	STA 7+36.84	STA 8+29.93	RT	93.0	
P-7	STA 8+29.93	STA 8+89.97	RT	60.0	
P-5	STA 8+89.96	STA 9+50.00	RT	60.0	
TOTAL				391	

PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER		
STATION	OFFSET	(EACH)
STA 20+90.70	17.58' RT	1.00
STA 20+95.39	17.58' RT	1.00
STA 24+90.78	17.67' RT	1.00
TOTAL		3

STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"					
PIPE NO.	BEGIN STATION	END STATION	OFFSET	(FOOT)	
P-29	STA 23+50.00	STA 24+93.28	RT	143.0	
TOTAL				143	

STORM SEWERS, CLASS A, TYPE 2 30"					
PIPE NO.	BEGIN STATION	END STATION	OFFSET	(FOOT)	
P-14	STA 5+45.01	STA 5+45.01	LT/RT	36.0	
P-13	STA 5+45.01	STA 5+70.00	RT	25.0	
P-20	STA 2+75.17	STA 3+89.94	LT	115.0	
P-18	STA 3+89.94	STA 4+26.99	LT	37.0	
P-16	STA 4+26.99	STA 5+45.01	LT	119.0	
P-31	STA 21+75.00	STA 23+50.00	LT	175.0	
P-30	STA 23+50.00	STA 23+50.00	LT/RT	36.0	
TOTAL				543	

STORM SEWERS, CLASS A, TYPE 2 36"					
PIPE NO.	BEGIN STATION	END STATION	OFFSET	(FOOT)	
P-33	STA 21+05.74	STA 21+05.74	LT	10.0	
P-32	STA 21+05.74	STA 21+75.00	LT	69.0	
TOTAL				79	

STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"					
PIPE NO.	BEGIN STATION	END STATION	OFFSET	(FOOT)	
P-21	STA 2+68.67	STA 2+75.17	LT	12.0	
TOTAL				12	

PRECAST CONCRETE BOX CULVERTS 4'X3'			
BEGIN STATION	END STATION	OFFSET	(FOOT)
STA 20+95.47	STA 21+00.69	LT	4.0
TOTAL			4

HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

SCHEDULE OF
QUANTITIES



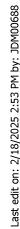
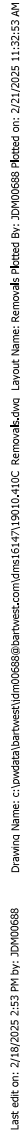
PROJ NO: 19010.410	AS NOTED	SHEET NO: 10 OF 37
CONST PROJ: 97852		
SCALE:		
DATE: OCTOBER 2024		

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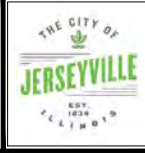
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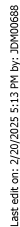
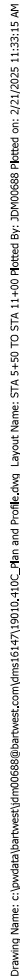
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REMOVALS



DRAWING NO:	
SHEET NO:	11 OF 37

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PLAN AND PROFILE STA 5+50 TO STA 11+00



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SHEET NO:

13 OF 37

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PLAN AND PROFILE STA 11+00 TO STA 16+50



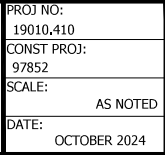
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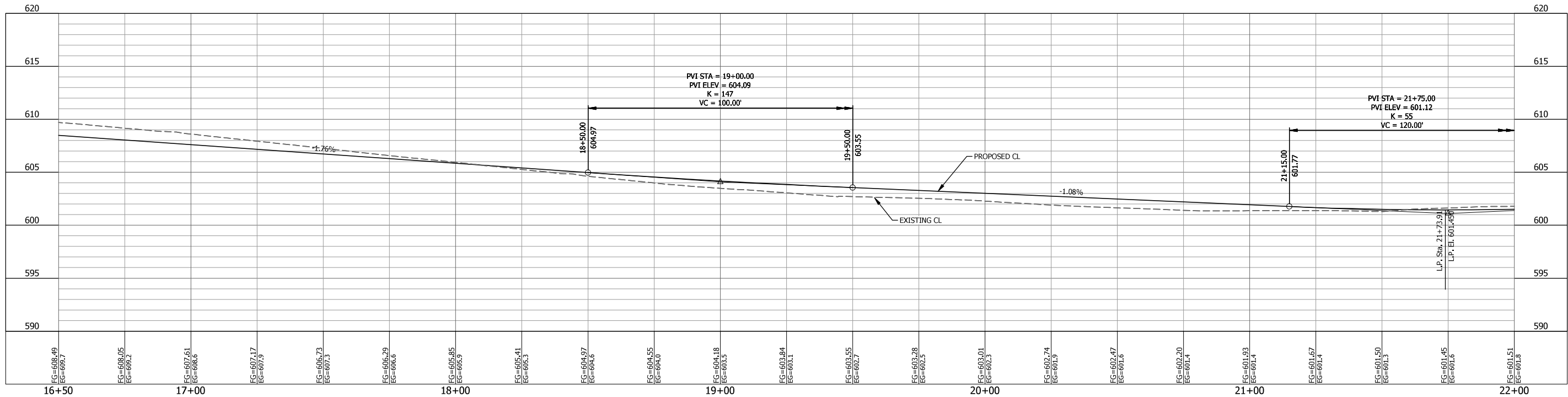
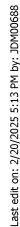
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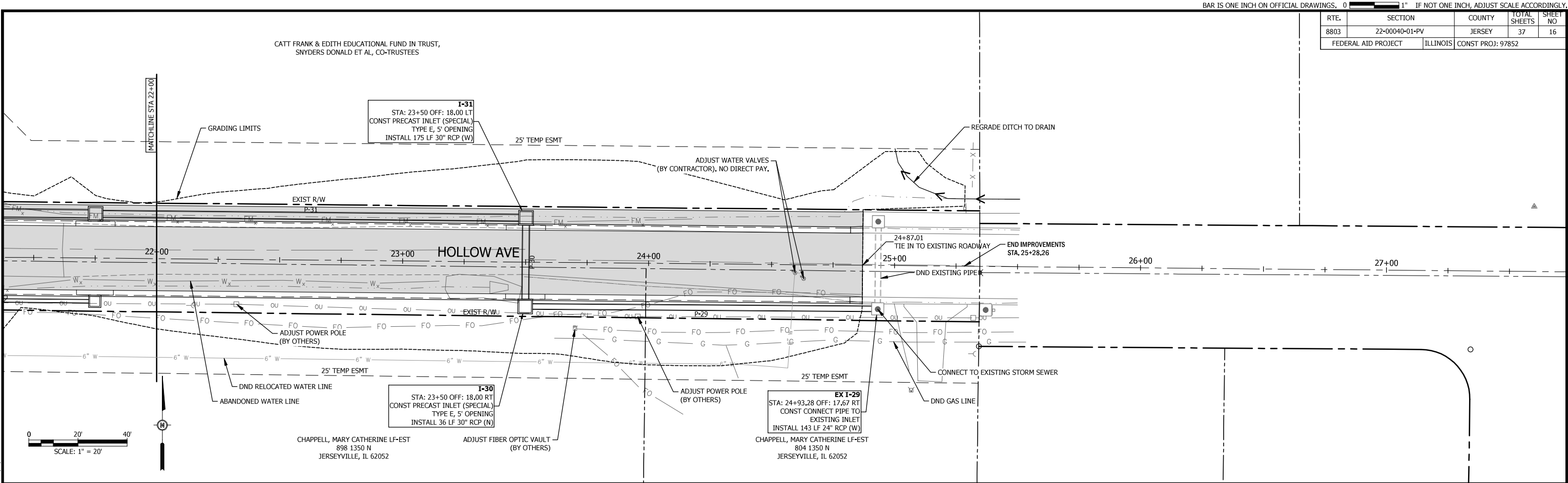
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PLAN AND PROFILE STA 16+50 TO STA 22+00

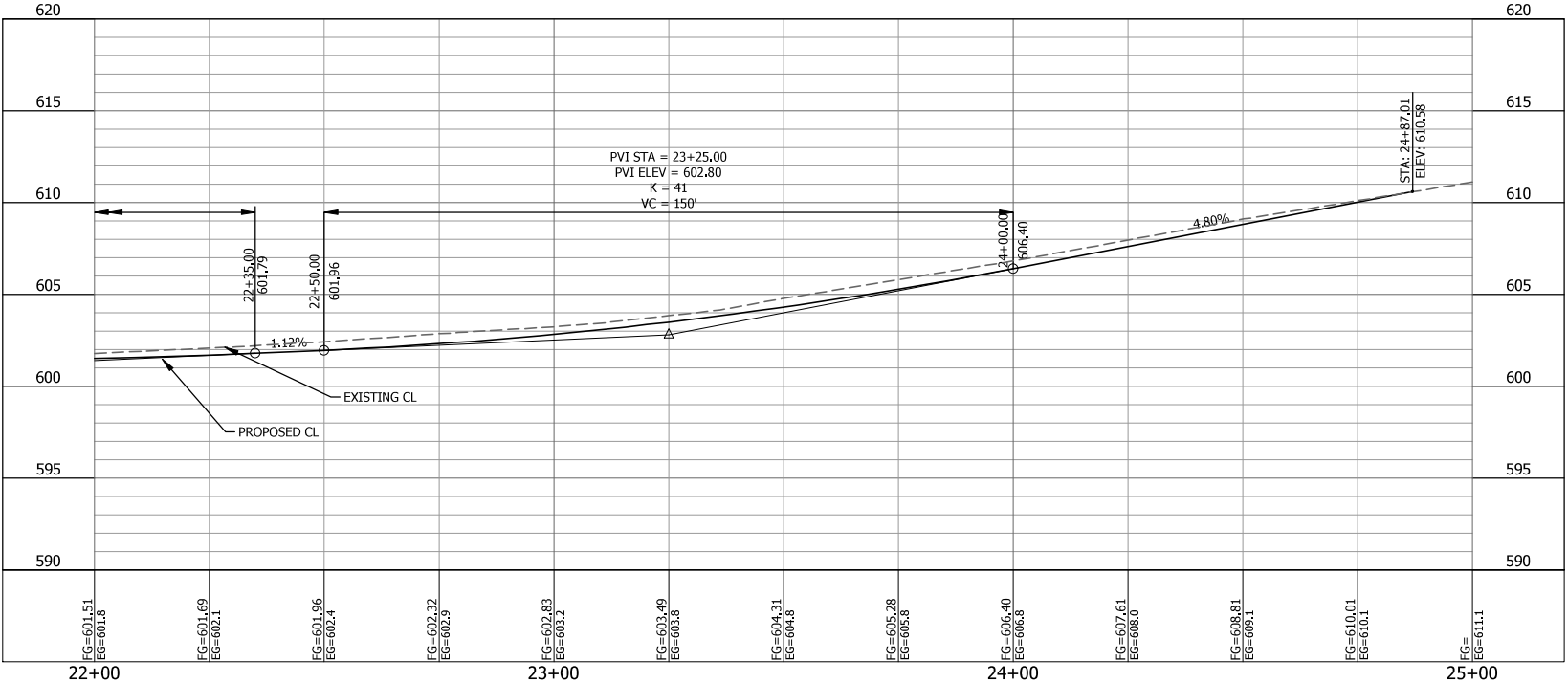


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ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS**

**PLAN AND PROFILE
STA 22+00 TO END**

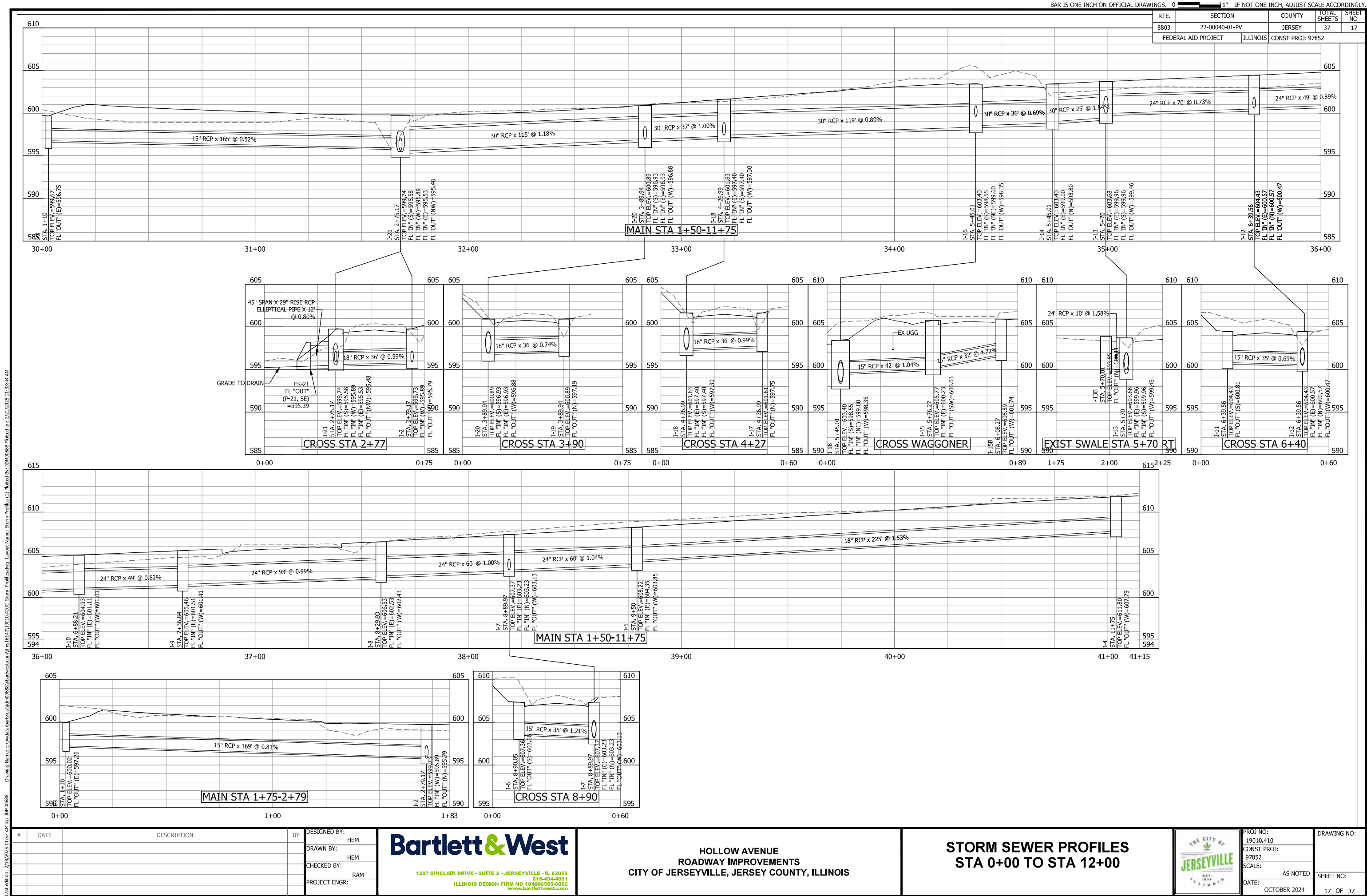


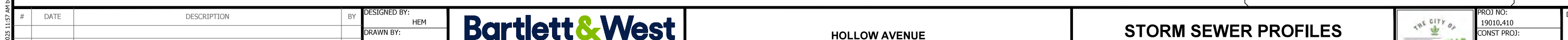
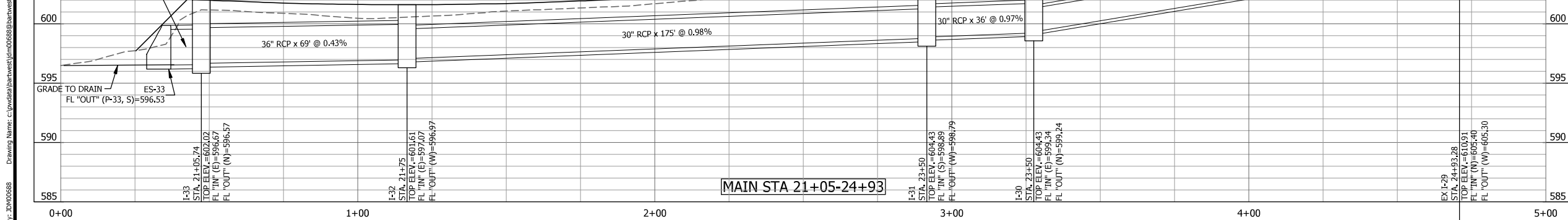
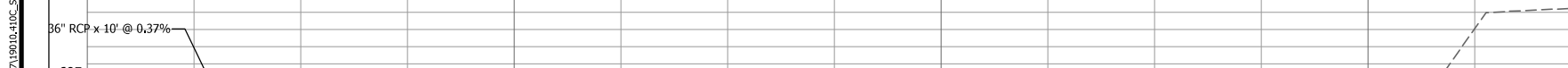
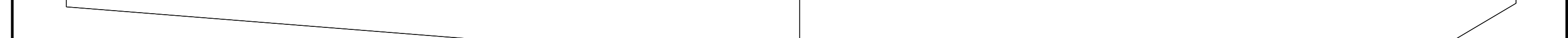
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SHEET NO:

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	19
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	

GENERAL NOTES:

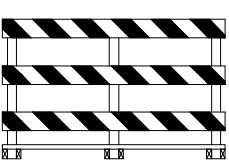
- ALL SIGNS SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR.
- THE LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- TRAFFIC CONTROL AND PROTECTION SHOWN ON THIS SHEET SHALL BE PAID FOR ACCORDING TO THE CONTRACT UNIT PRICE PER LUMP SUM FOR TRAFFIC CONTROL & PROTECTION (SPECIAL).
- CONTRACTOR MUST MAINTAIN ONE-LANE TRAFFIC DURING DAYTIME OPERATION WITH FLAGGER. MAINTAIN TWO LANE TRAFFIC DURING NIGHT TIME.
- REFER TO THE JOB SPECIAL PROVISION "MAINTENANCE OF TRAFFIC AND ACCESS TO ENTRANCES" FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

SIGNAGE LEGEND:




TYPE III MOVABLE BARRICADE

1




TYPE III MOVABLE BARRICADE


2




4



5



6



7

M4-9 - 30\"X24\"
4 EACH

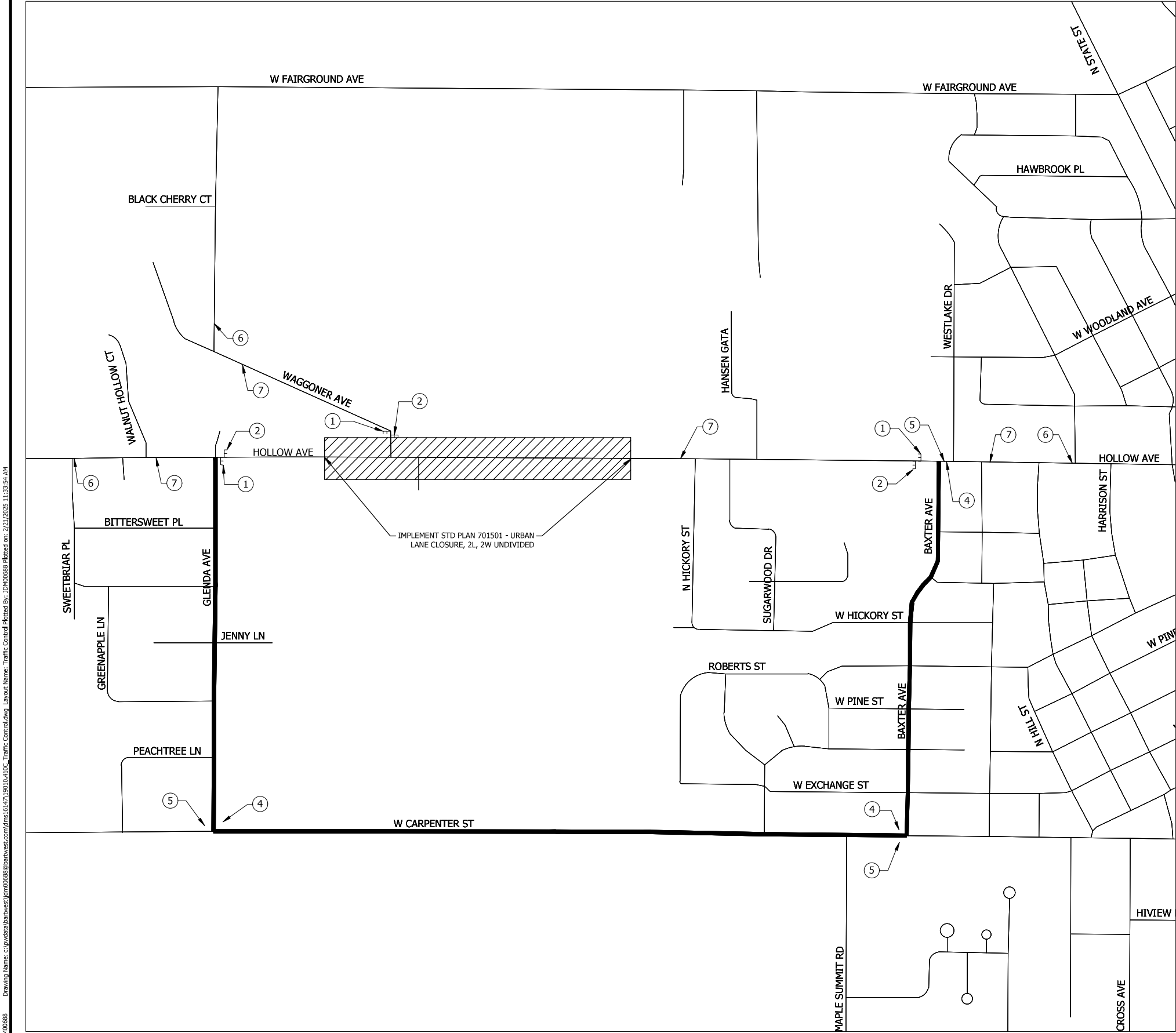
M4-9 - 30\"X24\"
4 EACH

W20-1103(O) - 48\"X48\"
WITH STEADY BURNING
BI-DIRECTIONAL LIGHTS
2 EACH

W20-4(O) - 48\"X48\"
WITH STEADY BURNING
BI-DIRECTIONAL LIGHTS
2 EACH

Last edit on: 12/9/2024 12:39 PM by: JDM00688 Drawing Name: c:\pwworkspace\jdm00688\barwest\jdm00688\barwest.com\dms1617119010-110C_Traffic Control.dwg Layout Name: Traffic Control Plotted on: 2/21/2025 11:33:54 AM

JDM00688



#	DATE	DESCRIPTION	BY

DESIGNED BY:	WRR
DRAWN BY:	WRR
CHECKED BY:	RAM
PROJECT ENGR:	

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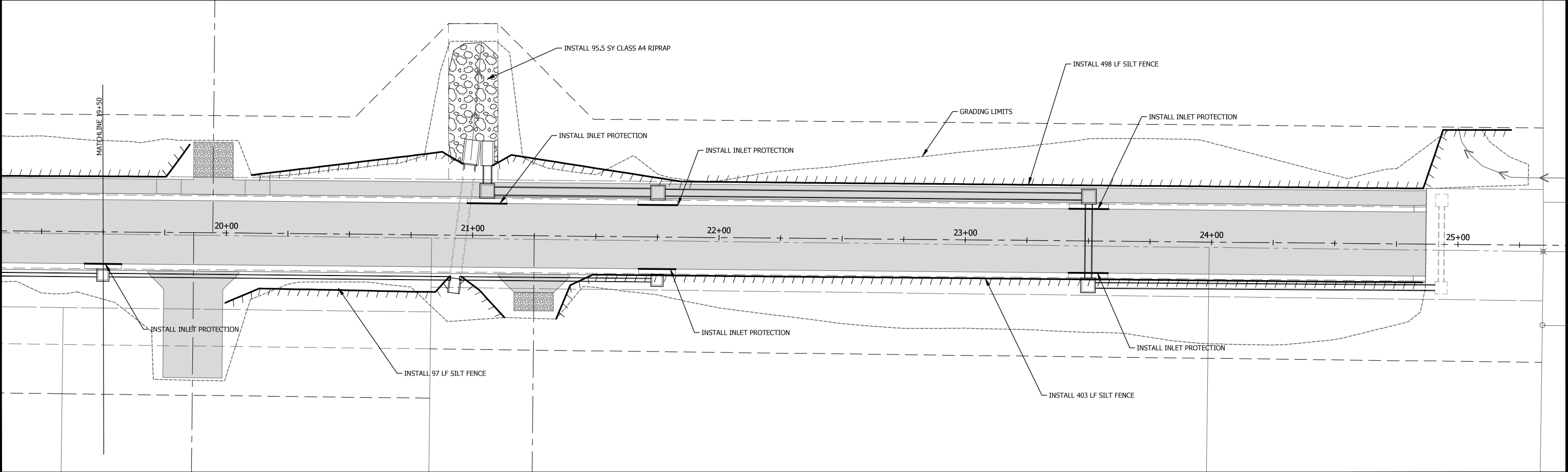
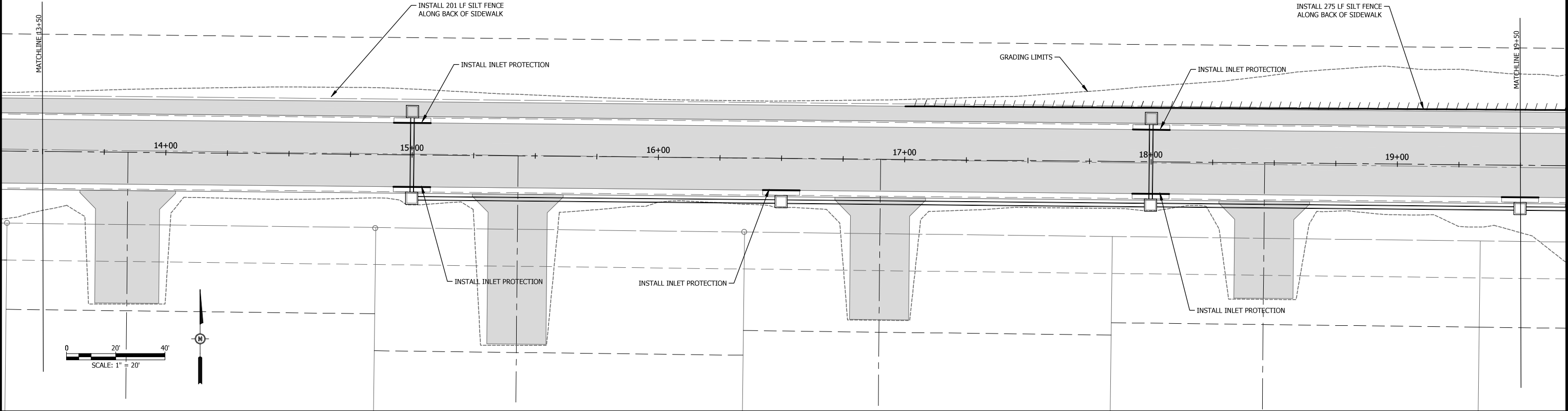
TRAFFIC CONTROL



PROJ NO: 19010.410	AS NOTED	SHEET NO: 19 OF 37
CONST PROJ: 97852		
SCALE:		
DATE:	OCTOBER 2024	

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	24
FEDERAL AID PROJECT		ILLINOIS	CONTRACT: XXXXX	



#	DATE	DESCRIPTION

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DRAWN BY:	HEM
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PROJECT ENGR:	

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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

EROSION CONTROL
STA 13+50 TO END



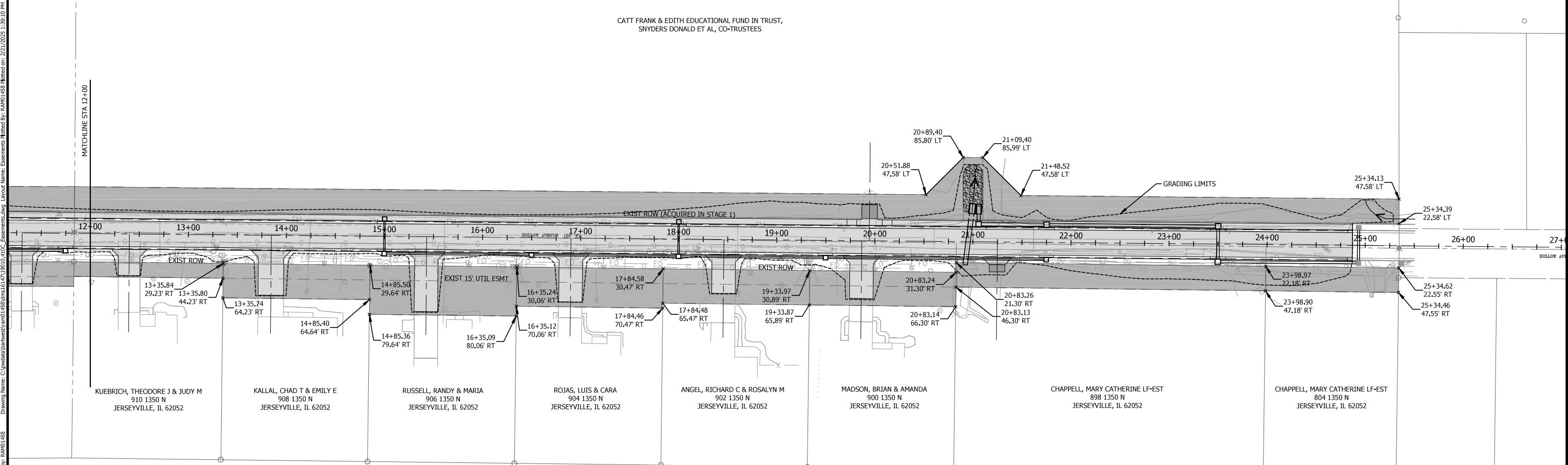
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SCALE:	AS NOTED
DATE:	OCTOBER 2024



DRAWING NO:

SHEET NO:

21 OF 37

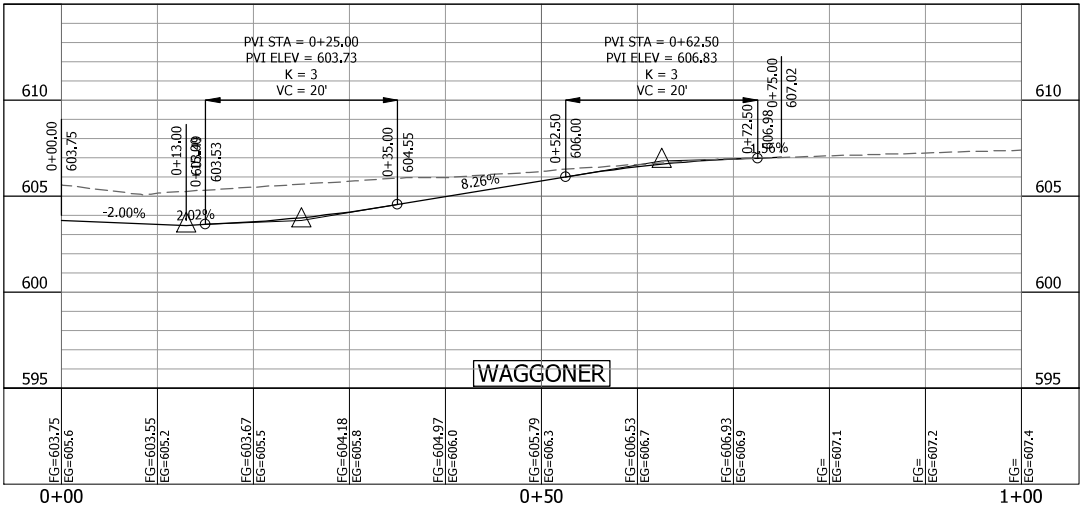
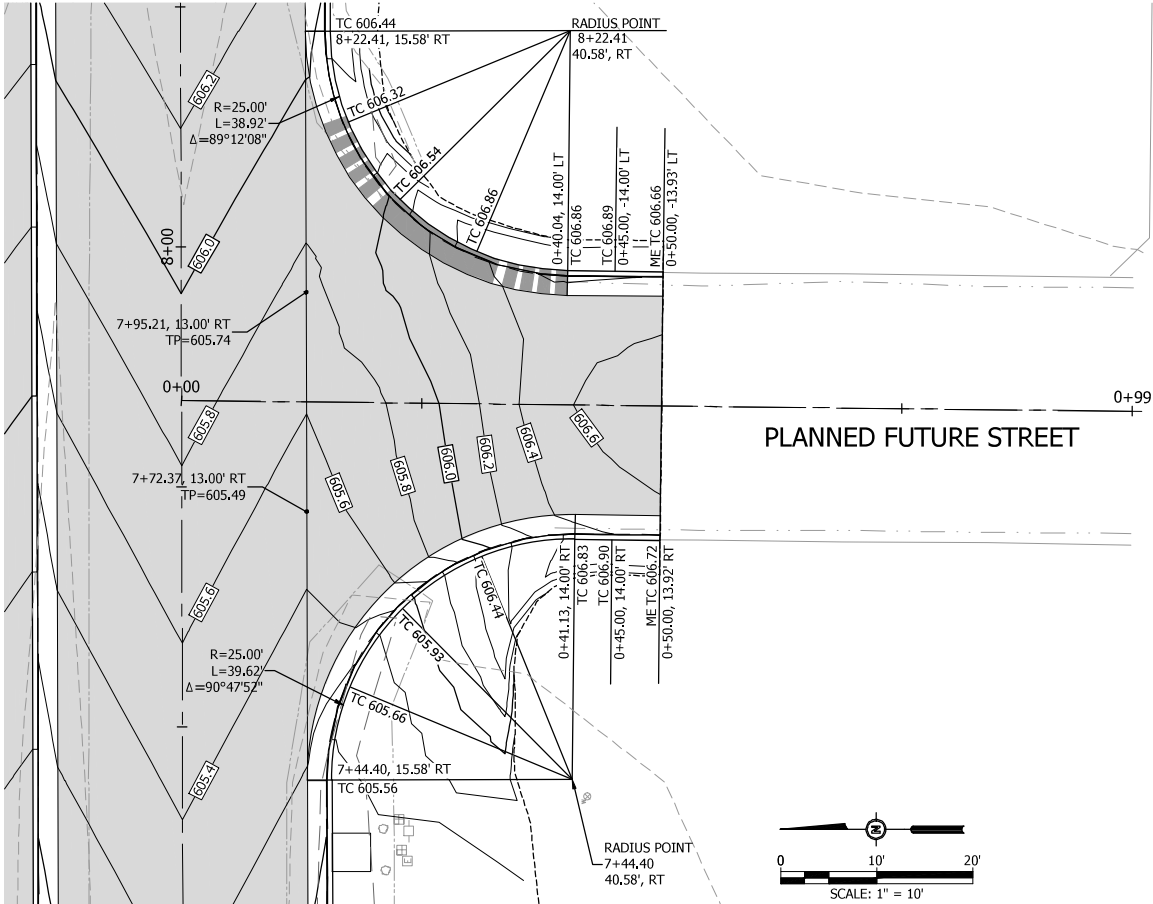
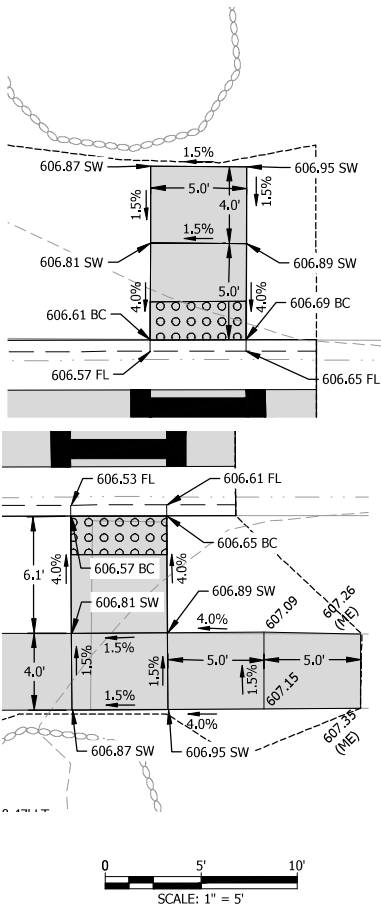
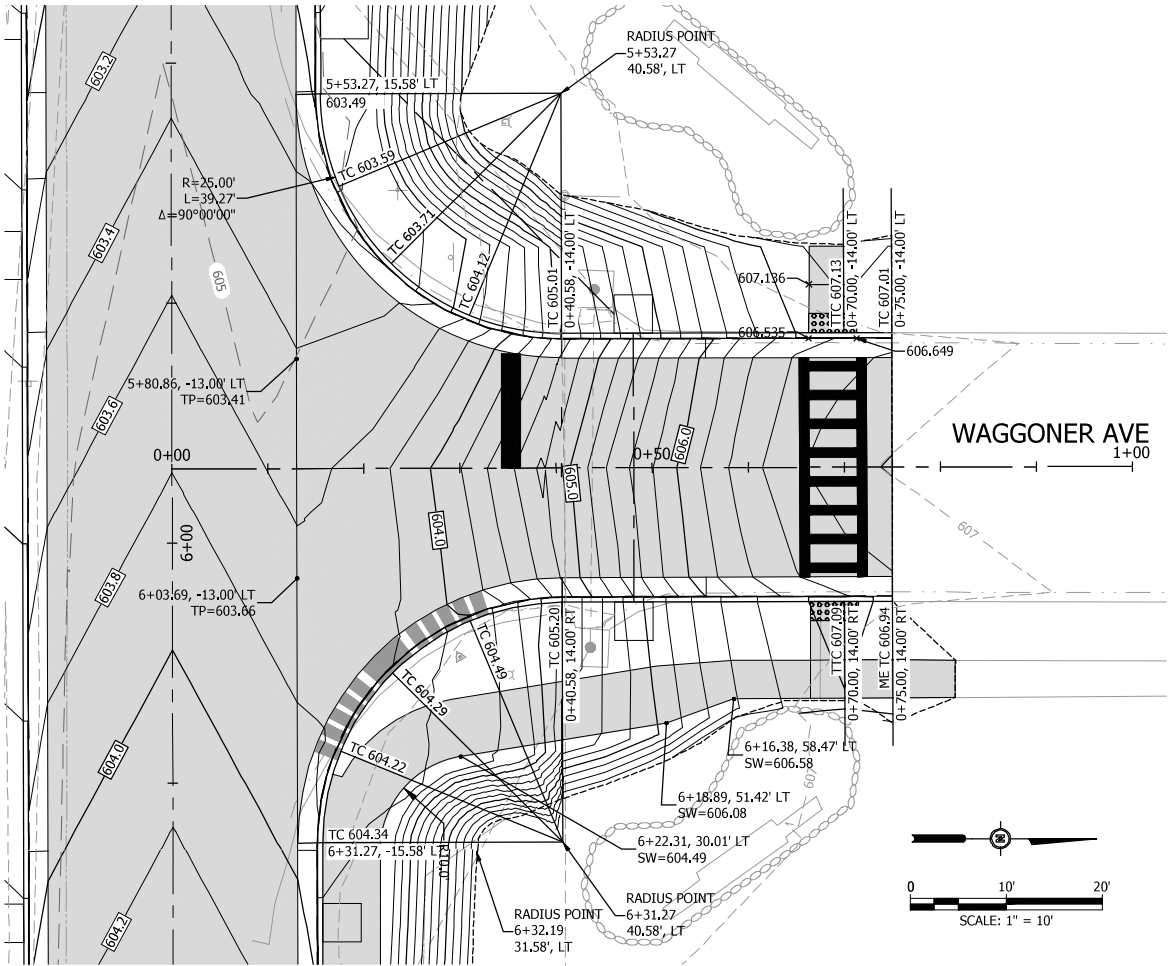
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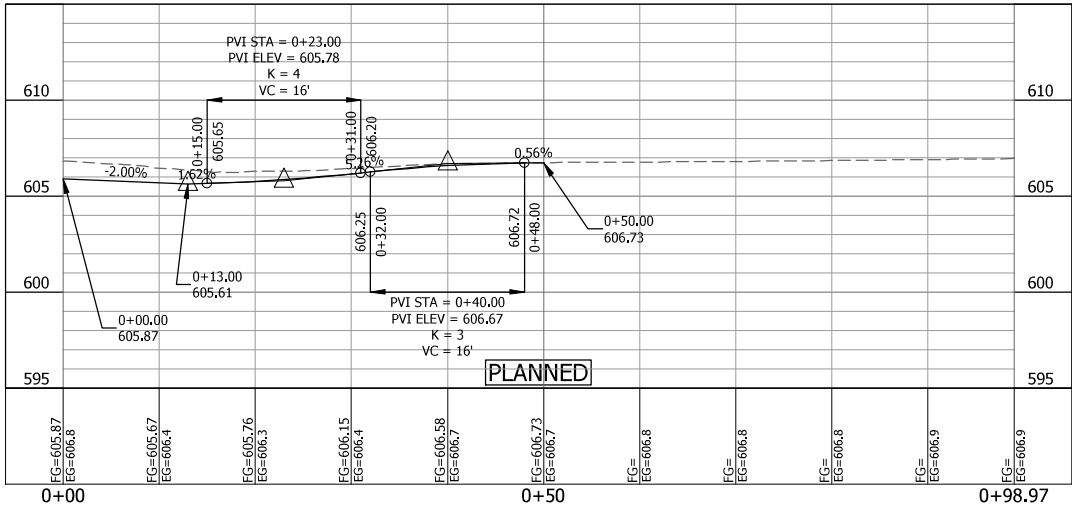
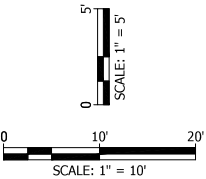
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							 THE CITY OF JERSEYVILLE EST. 1839 ILLINOIS	AS NOTED
							SCALE:	
							DATE:	OCTOBER 2024
								22 OF 37

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	23
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	

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Layout Name: Intersection Details
Plotted on: 2/21/2025 11:34:44 AM



CONTRACTOR SHALL CONSTRUCT INTERSECTION TO DRAIN



LEGEND:

DRY CURB AND GUTTER

TRANSITION TO DRY CURB AND GUTTER

ABBREVIATIONS

TC = TOP OF CURB
TP = TOP OF PAVEMENT
EOP = EDGE OF ASPHALT PAVEMENT
TTC = THEORETICAL TOP OF CURB
ME = MATCH EXISTING
SW = TOP OF SIDEWALK PAVEMENT
FL = FLOW LINE
BC = BACK OF CURB
Δ = DELTA ANGLE OF A CURVE

INTERSECTION DETAIL NOTES

- THE INTERSECTION OF ALL SLOPES LINES SHALL BE ROUNDED TO PROVIDE SMOOTH TRANSITIONS.
- CONNECTION TO EXISTING PAVEMENT, CURB AND GUTTER, AND SIDEWALKS SHALL BE MADE WITH GRADUAL TRANSITIONS WHILE MAINTAINING 0.5% GRADE OR STEEPER. TRANSITIONS FROM PROPOSED CURB TO EXISTING CURB AND PROPOSED TO NO CURB IN 5', UNLESS A LONGER TRANSITION IS NEEDED TO MAINTAIN A 0.5% GRADE.
- TC ELEVATIONS SHOWN ARE FOR CURB & GUTTER STANDARD SHOWN ON DETAILS SHEET. GUTTER FLOWLINE ELEVATION IS 0.50 FEET BELOW THEORETICAL TC ELEVATION.
- SIDE ROAD ALIGNMENT DATA TABLE CAN BE FOUND ON CONTROL POINT PLAN.

HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

WAGGONER AVE & FUTURE ST
INTERSECTION DETAILS



PROJ NO:
19010.410
CONST PROJ:
97852
SCALE:
AS NOTED
DATE:
OCTOBER 2024

DRAWING NO:

SHEET NO:
23 OF 37

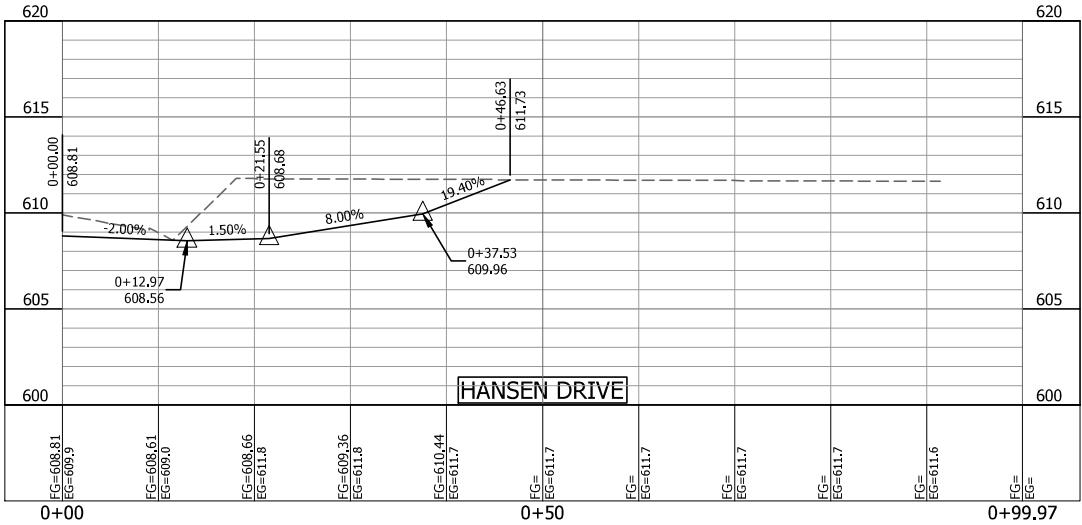
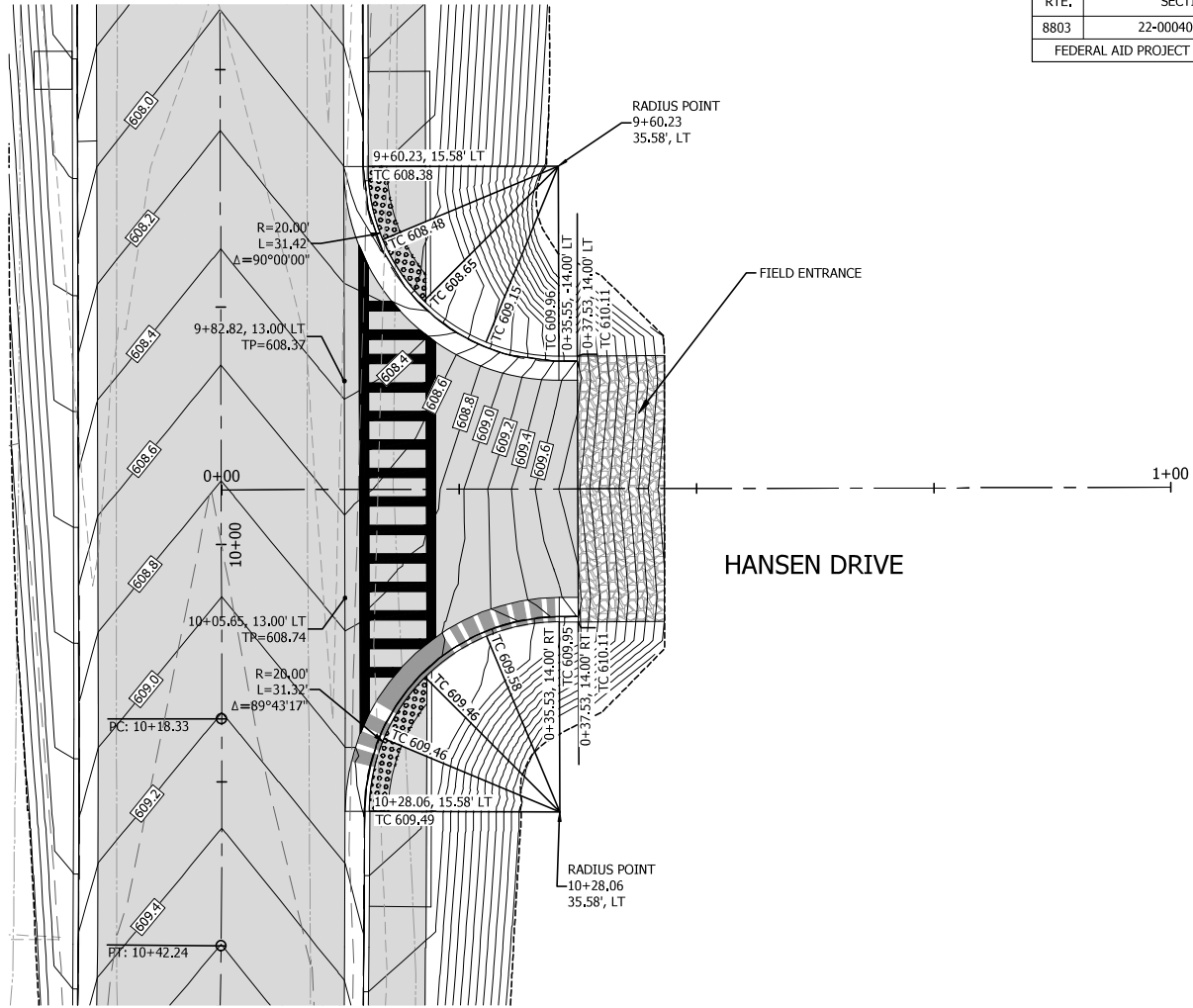
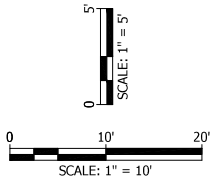
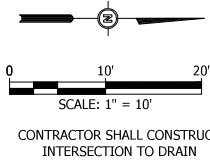
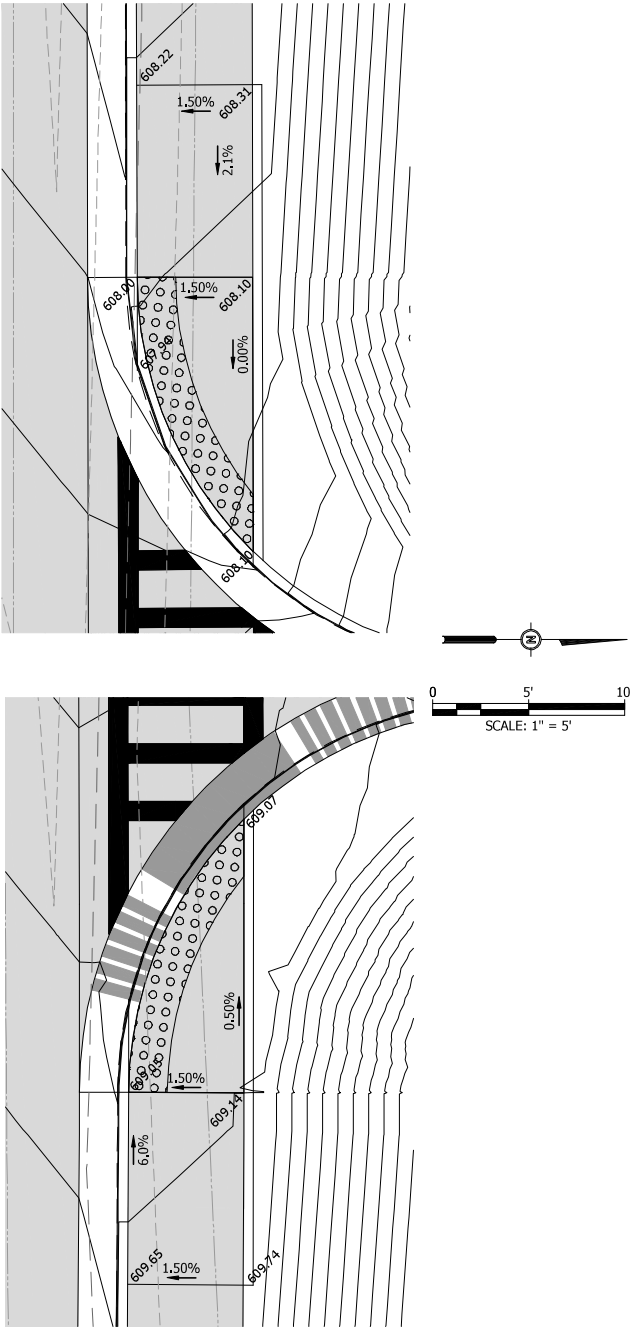
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DRAWN BY:	HEM
CHECKED BY:	RAM
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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	24
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DRAWN BY:	JDM
CHECKED BY:	RAM
PROJECT ENGR:	

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618-494-4001
ILLINOIS DESIGN FIRM NO 184006585-0002
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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

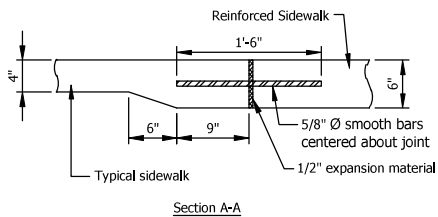
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INTERSECTION DETAILS



PROJ NO: 19010.410	AS NOTED
CONST PROJ: 97852	
SCALE:	
DATE: OCTOBER 2024	

DRAWING NO:	
SHEET NO:	
24 OF 37	

DRIVEWAY DETAIL (NO SIDEWALK)

[illegible]

-
- The diagram illustrates the cross-section of a barrier curb. Key dimensions and components include:
- Pavement:** The top surface of the curb.
 - Slope 6%:** The incline of the curb face.
 - Dimensions:**
 - Top width: 1" and 6"
 - Vertical height: 6"
 - Horizontal distance from pavement edge to curb face: 2'-0"
 - Radius of curb face: R_{14}
 - Bottom width: 6"
 - Aggregate base thickness: 4"
 - Components:**
 - TIE BAR:** A horizontal bar connecting the curb to the aggregate base.
 - AGGREGATE BASE:** The foundation material below the curb.
 - BARRIER CURB:** The main structure of the curb.

Figure 10-10 shows a typical cross-section of a concrete curb and gutter. The curb is 8 inches high and 2 feet 0 inches wide. The gutter is 7 inches wide and 1 1/2 inches deep. The slope of the gutter is 6%. The curb is made of concrete and is reinforced with a tie bar. The base is made of aggregate. The gutter is made of metal and is 6 inches wide at the bottom. The aggregate base is 4 inches thick.

SEE NOTE 3

2'-0"

TILT PAN OUT

6"

6"

4"

6"

1"

6"

-
- Diagram illustrating the cross-section of a proposed driveway and sidewalk assembly.
- Driveway Assembly:**
- PR PCC DRIVEWAY PAVEMENT, 6"
 - PROPOSED AGGREGATE BASE, TYPE B 6"
- Sidewalk Assembly:**
- PR PCC SIDEWALK, 4"
- Dimensions and Layout:**
- SEE PLANS FOR WIDTH (Overall width)
 - SEE PLANS FOR DISTANCE (Overall length)
 - EX ROW (Existing Right of Way)
 - 5% MAX (Slope indicator)
 - 10' CURB TRANSITION SECTION (6" TO 1.5" CURB HEIGHT)
 - 5'-0" (Transition section length)
 - 5'-0" (Transition section length)
 - 6" SIDEWALK (Sidewalk width)

DRIVEWAY DETAIL (WITHIN SIDEWALK LIMITS)

DETAILS



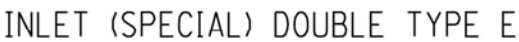
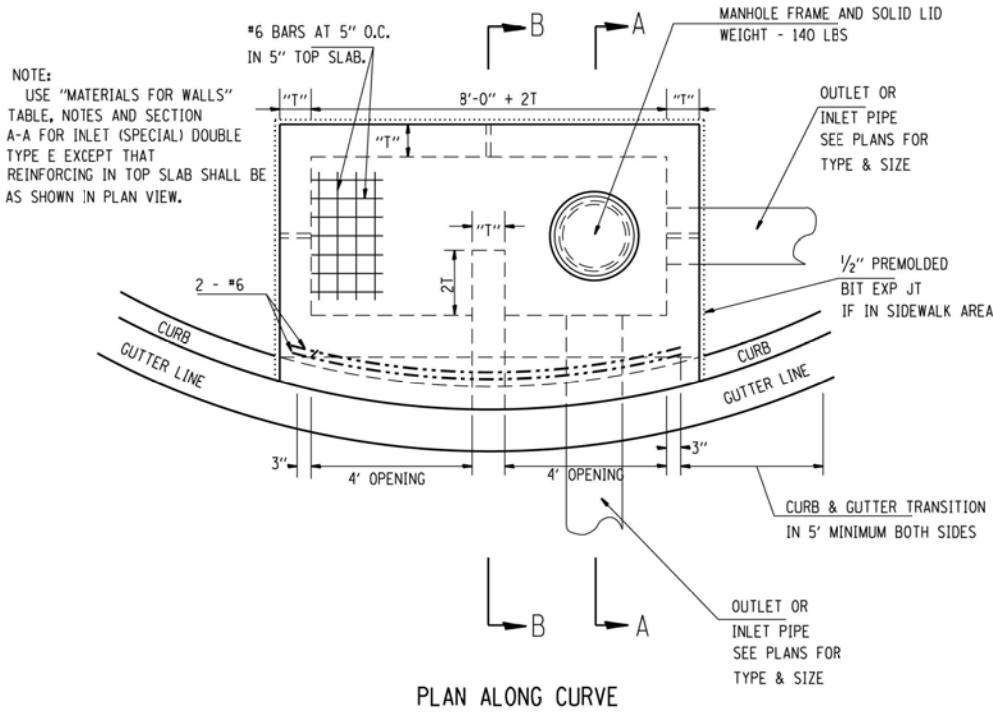
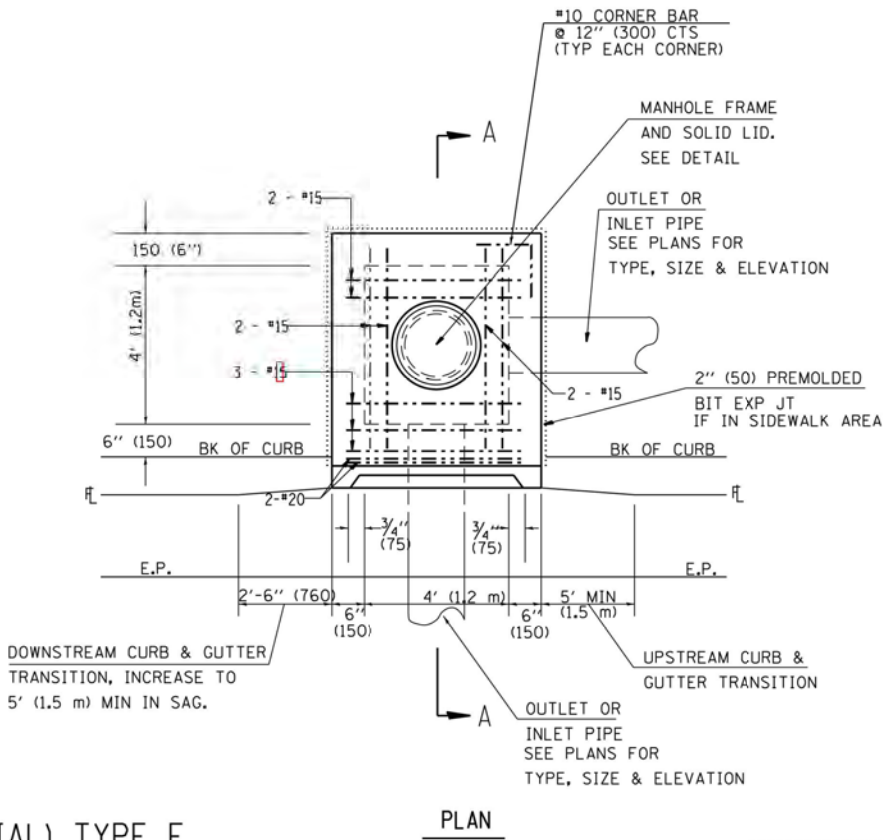
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SHEET NO:

25 OF 27

#	DATE	DESCRIPTION	BY

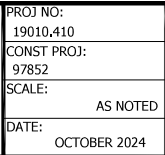
1. THE CONTRACT UNIT PRICE OF EACH FOR INLET, (SPECIAL) TYPE E SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY TO CONSTRUCT THE INLET IN ACCORDANCE WITH ARTICLE 602 OF THE STANDARD SPECIFICATIONS AND AND AS SHOWN HEREIN.
2. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
3. THE FRONT EDGE OF THE TOP SLAB SHALL BE EITHER STRAIGHT OR RADIUSD AS NEEDED TO CONFORM WITH THE SHAPE OF THE ADJACENT CURB AND GUTTER.



4. BRICKS, CONCRETE BLOCKS AND REINFORCED CONCRETE BLOCKS TO BE LAID IN FULL MORTAR BEDS WITH FLUSH JOINTS.
5. WHEN CONSTRUCTED OF MONOLITHIC CONCRETE, USE #4 REINFORCING BARS SPACED AT 12" CENTERS BOTH WAYS IN FLOOR SLAB AND WALLS.
6. FOR SECTION A-A, SEE ABOVE

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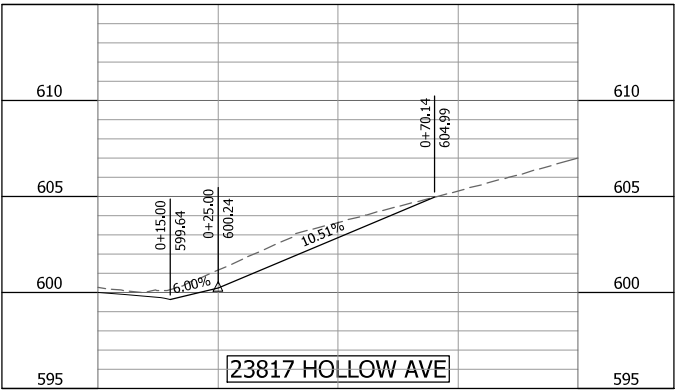
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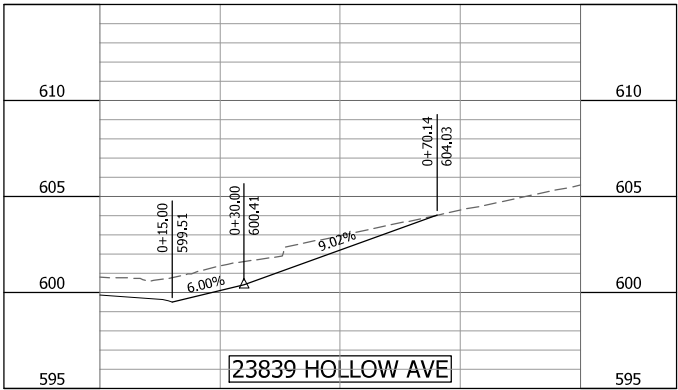
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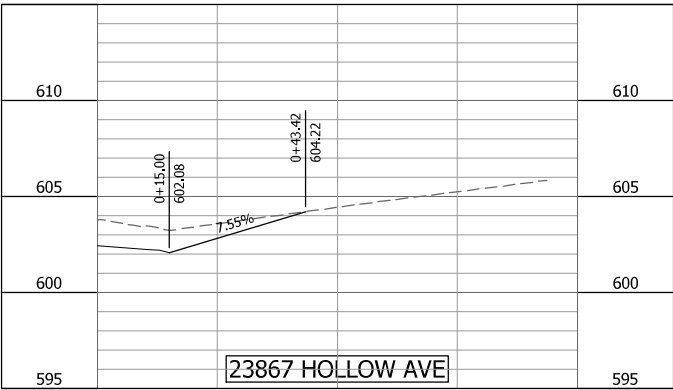
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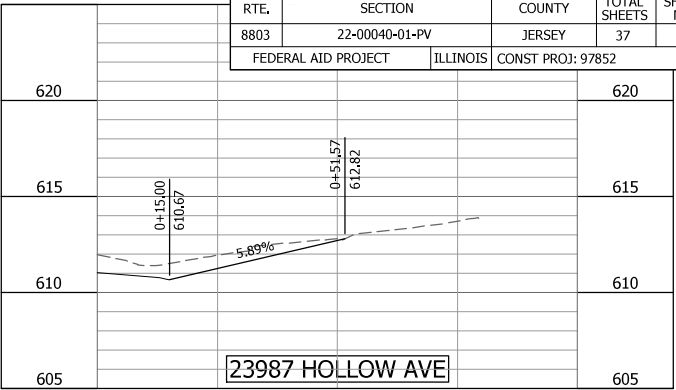
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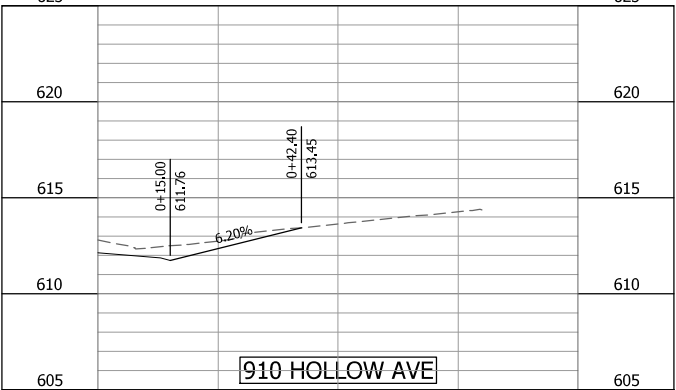
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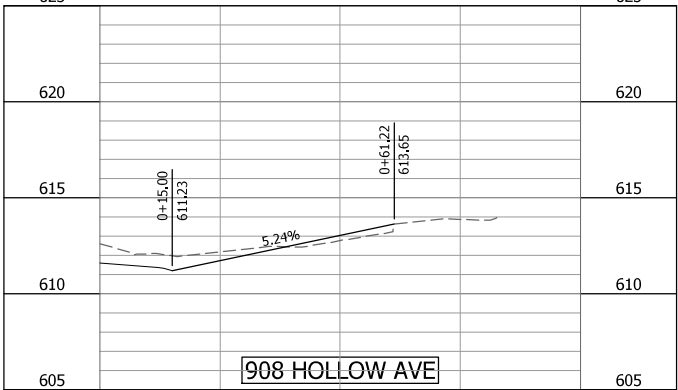
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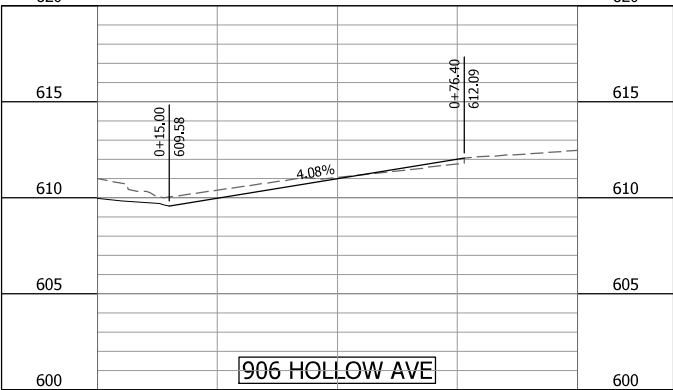
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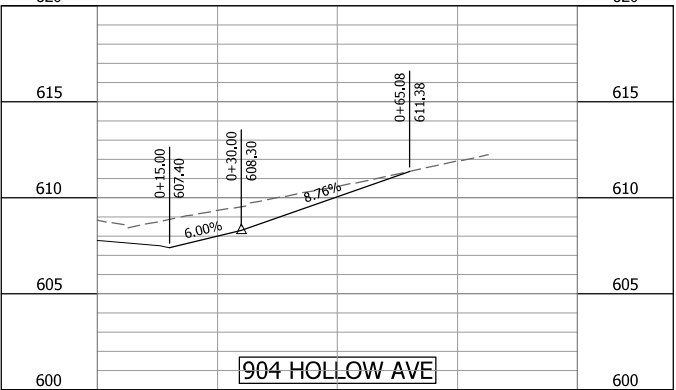
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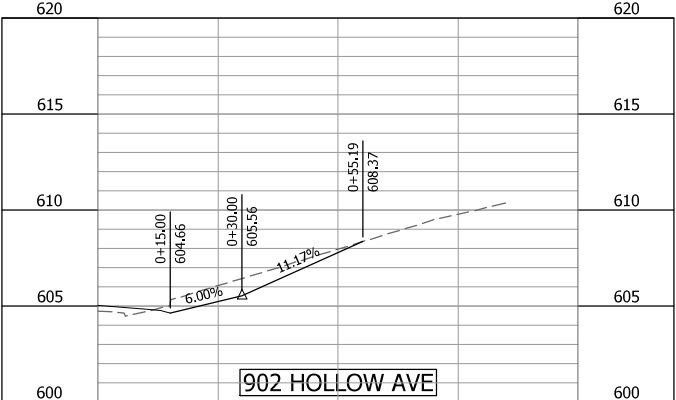
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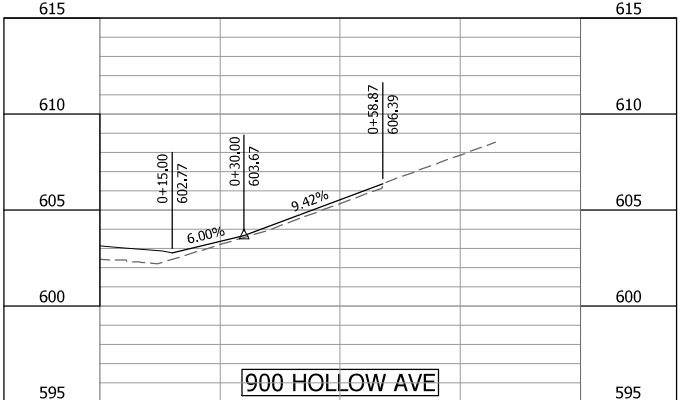
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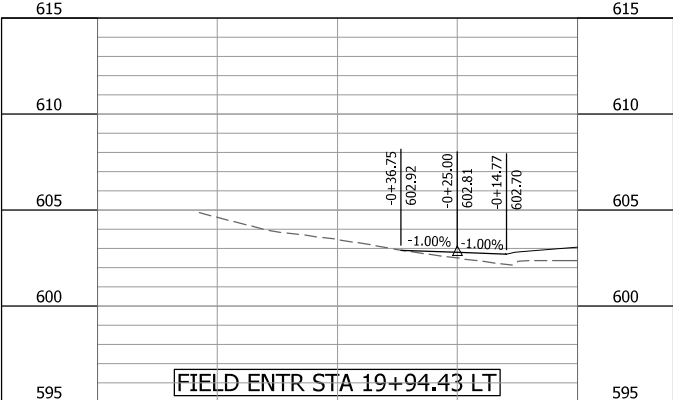
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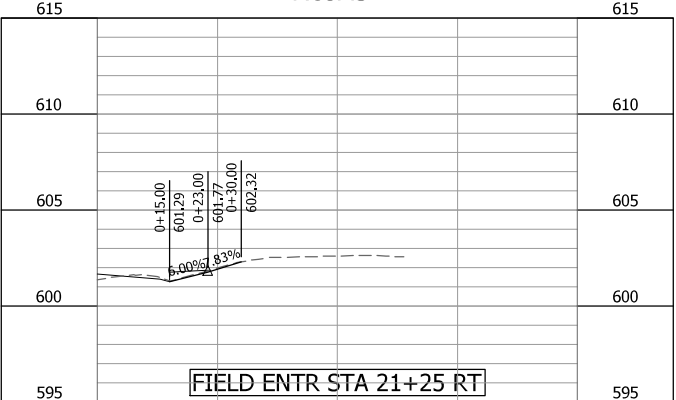
STA 18+45.67 RT
ANGEL



STA 19+85.64 RT
MADSON



STA 19+94.43 LT
CATT



STA 21+25 RT

#	DATE	DESCRIPTION	BY

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DRAWN BY:	HEM
CHECKED BY:	RAM
PROJECT ENGR:	

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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

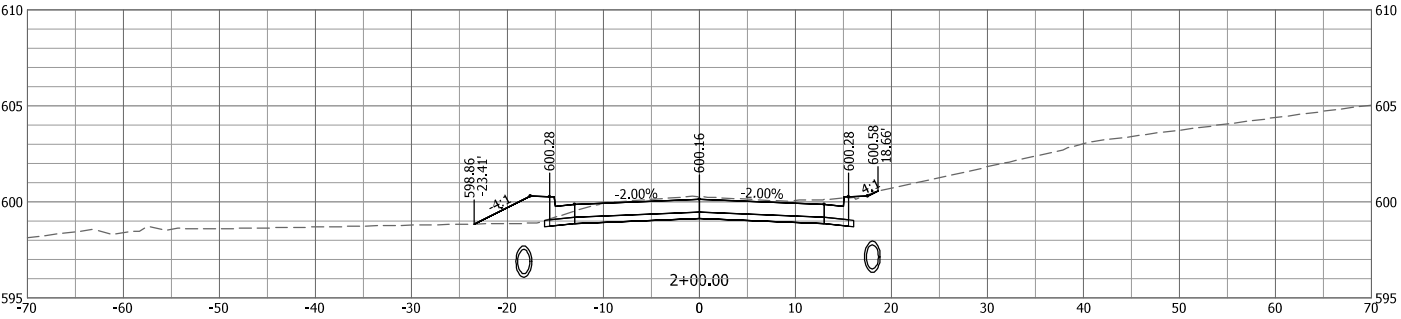
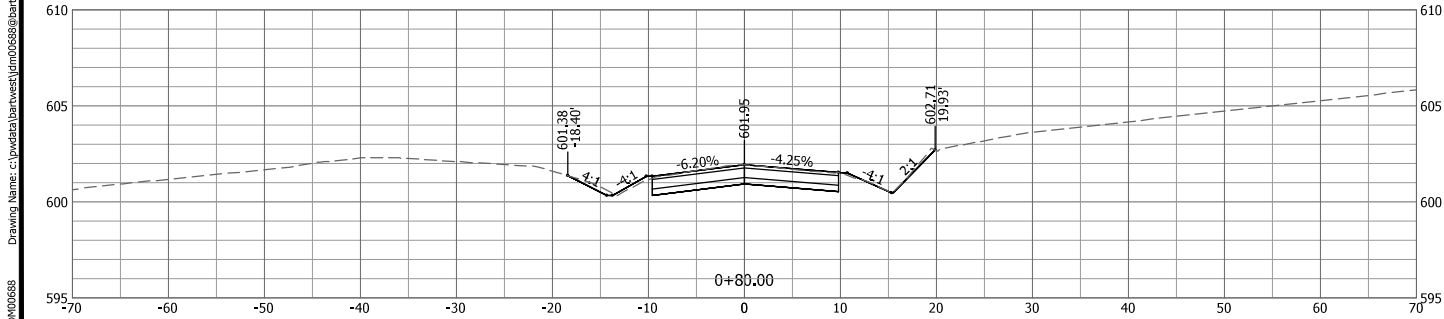
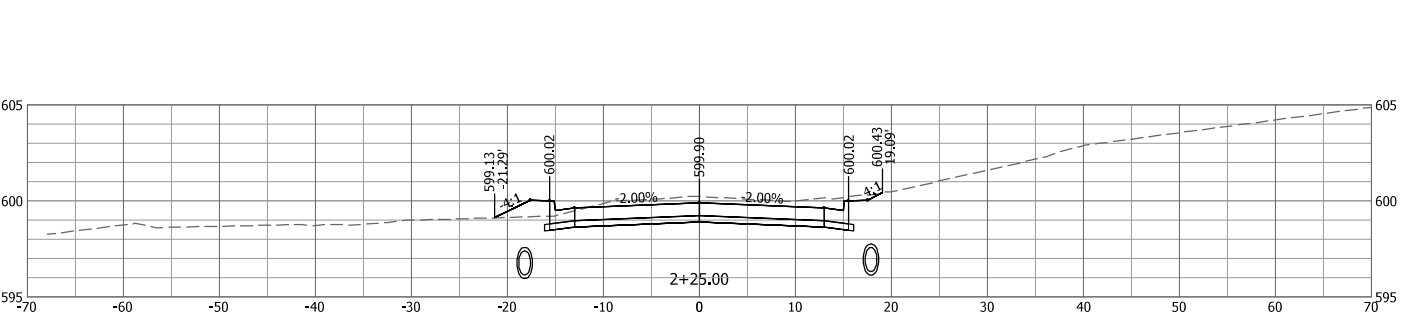
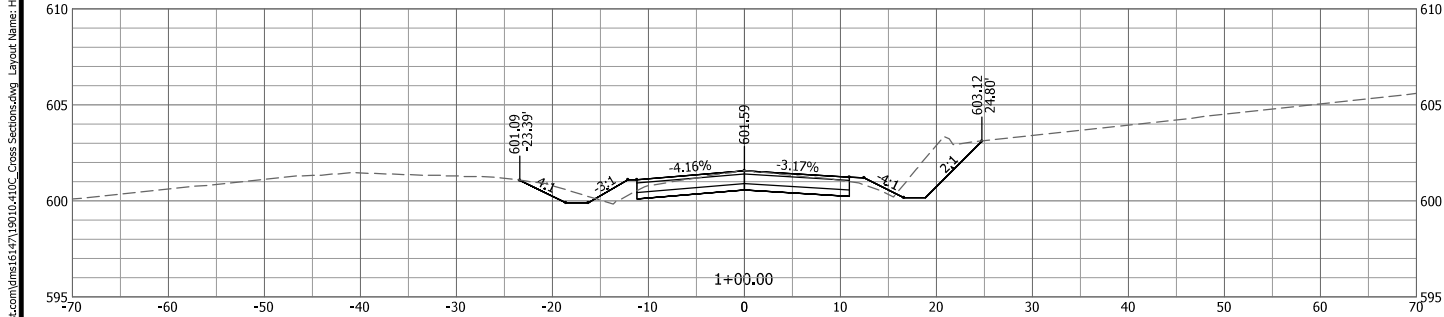
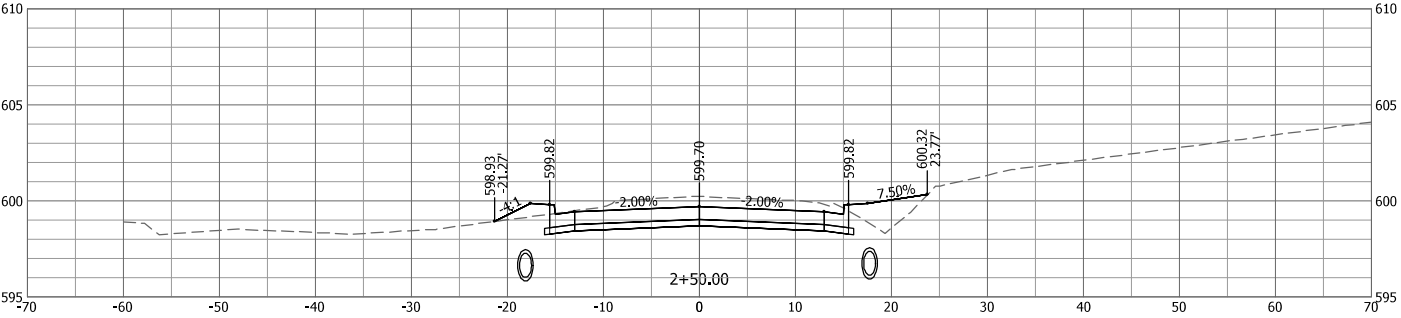
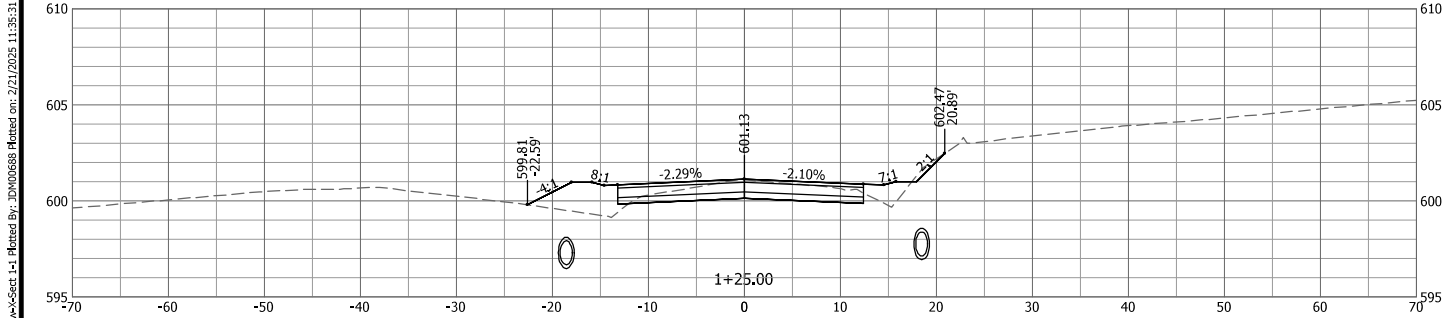
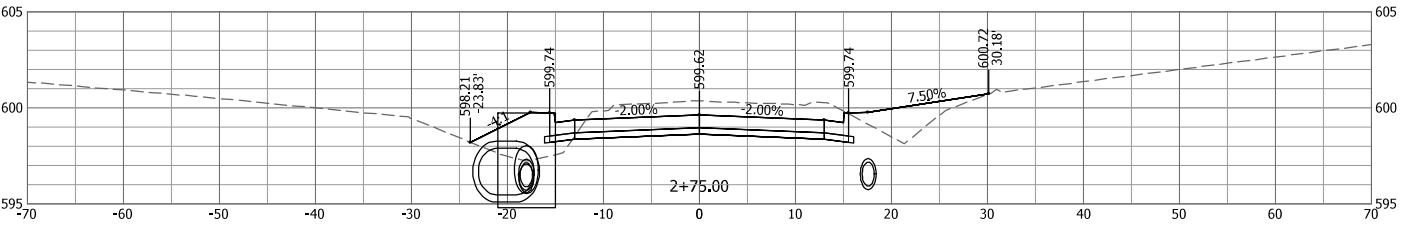
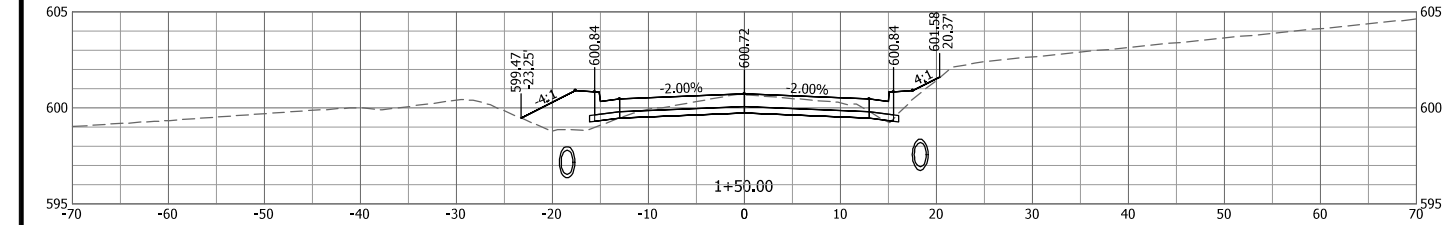
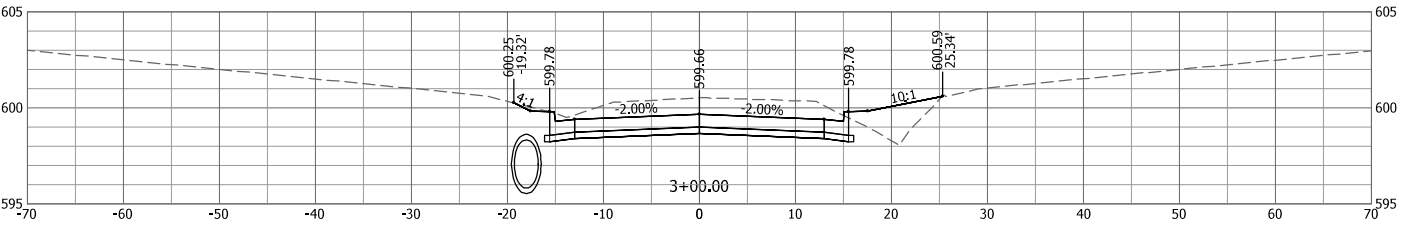
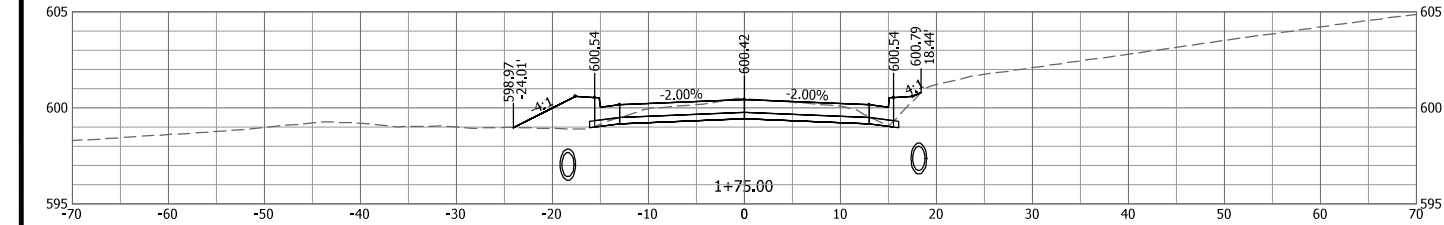
DRIVEWAY PROFILES



PROJ NO: 19010.410	AS NOTED
CONST PROJ: 97852	
SCALE:	DATE: OCTOBER 2024

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	28
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



#	DATE	DESCRIPTION

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DRAWN BY:	JDM
CHECKED BY:	RAM
PROJECT ENGR:	

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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

HOLLOW AVE CROSS SECTIONS
STA 0+80 TO 3+00



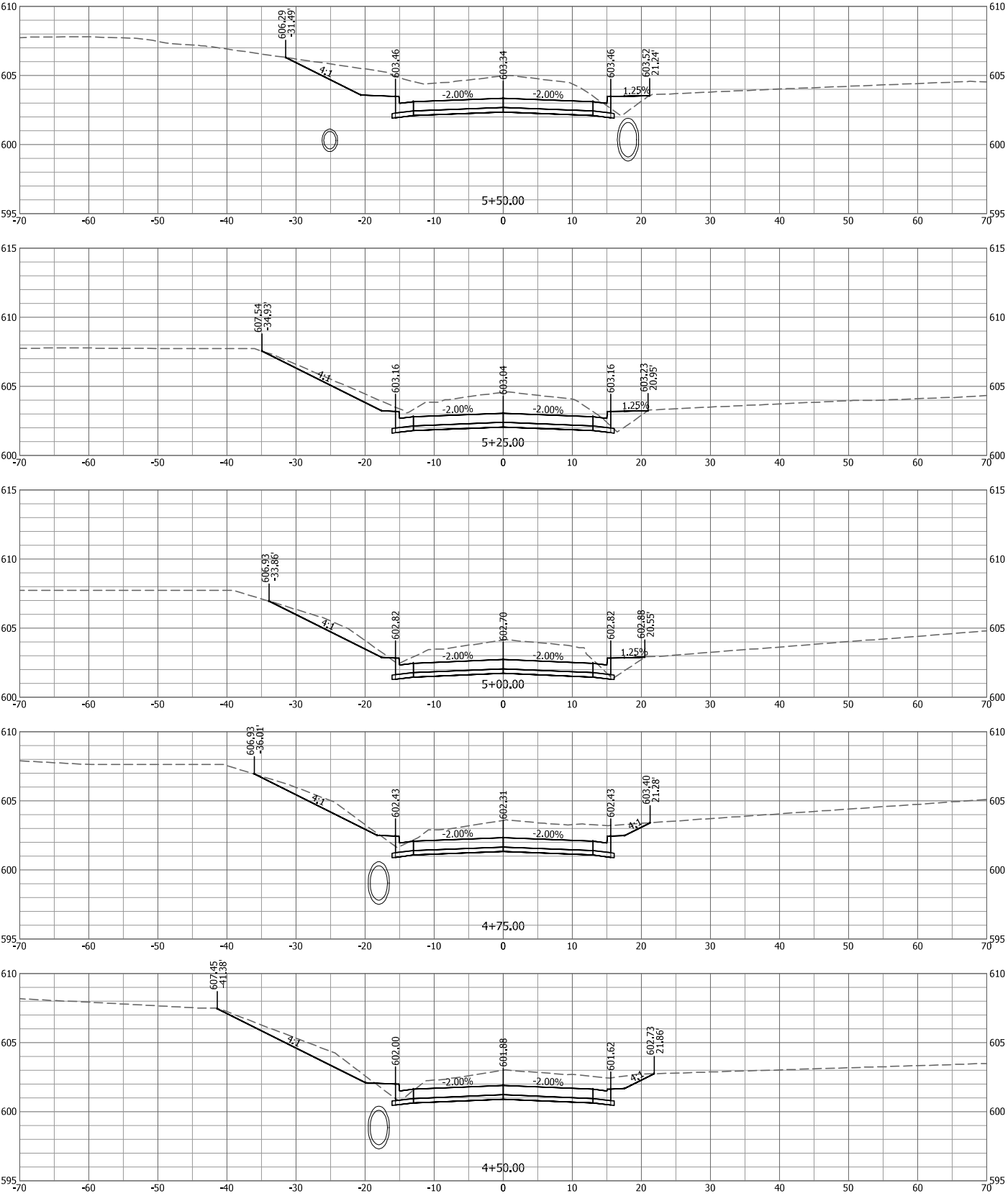
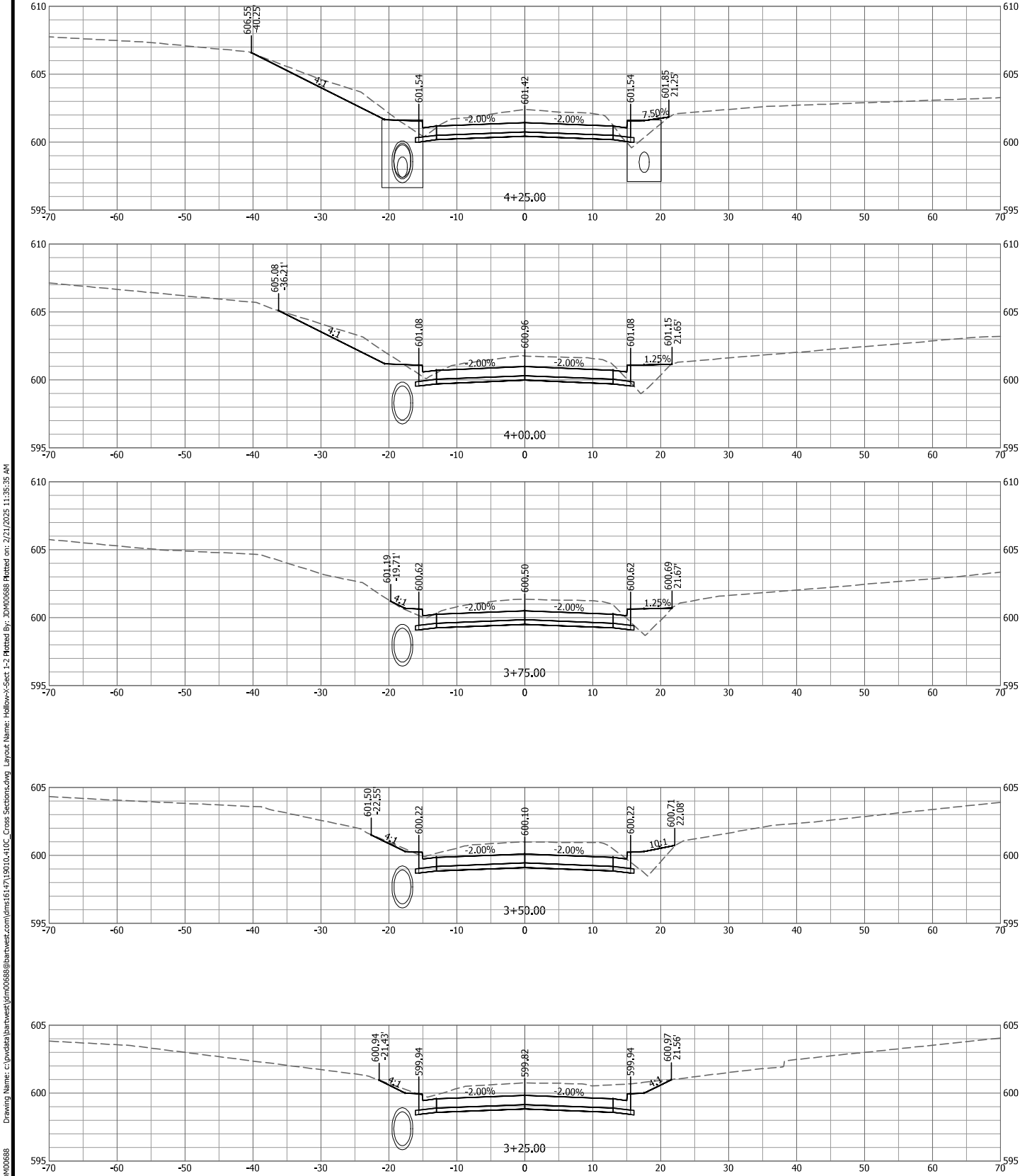
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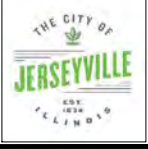
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HOLLOW AVENUE
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CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

HOLLOW AVE CROSS SECTIONS
STA 3+25 TO 5+50



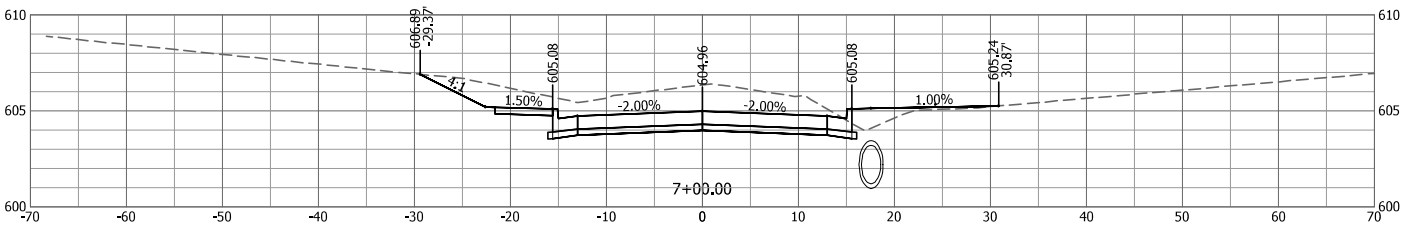
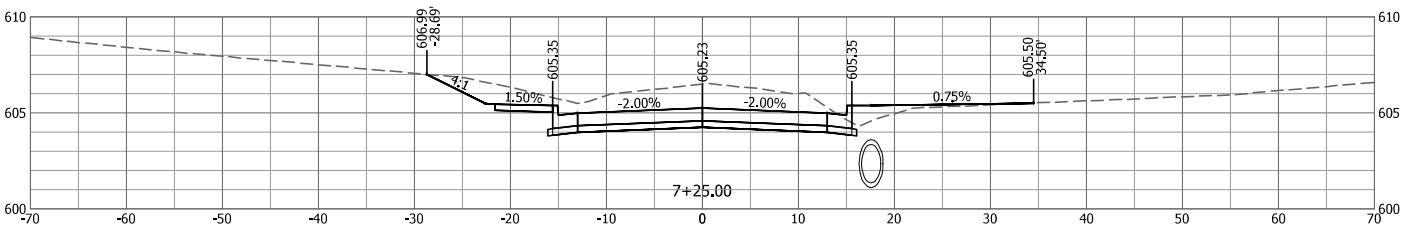
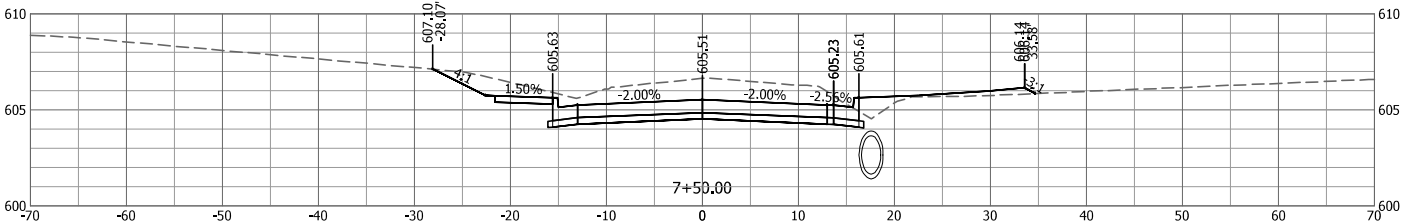
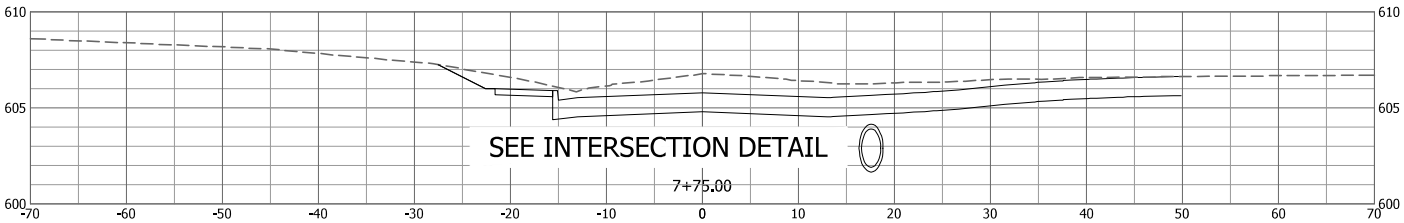
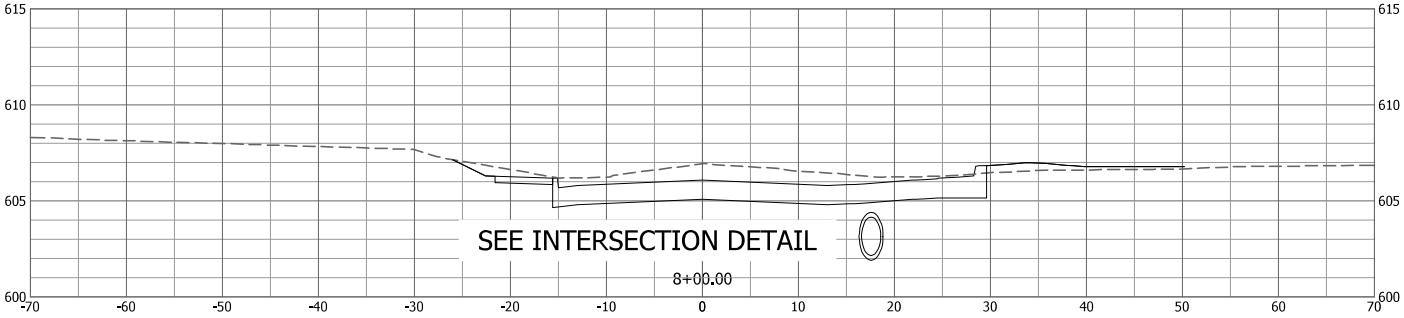
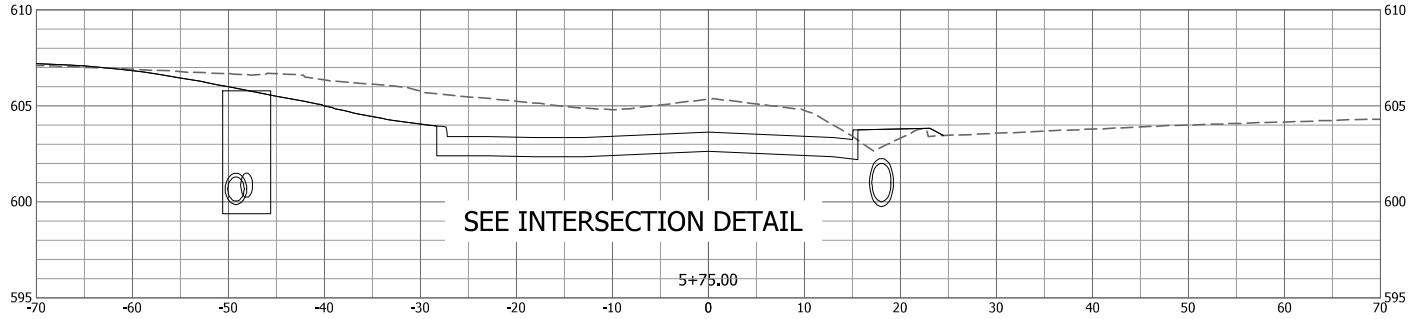
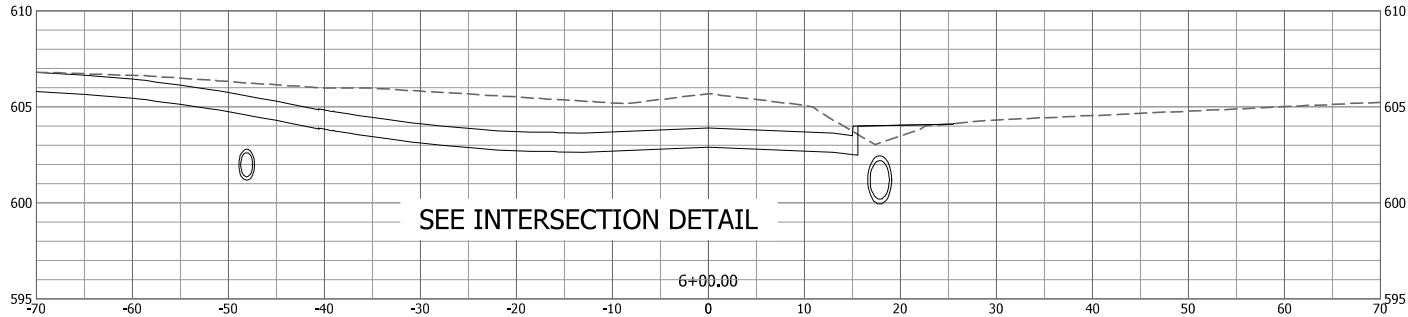
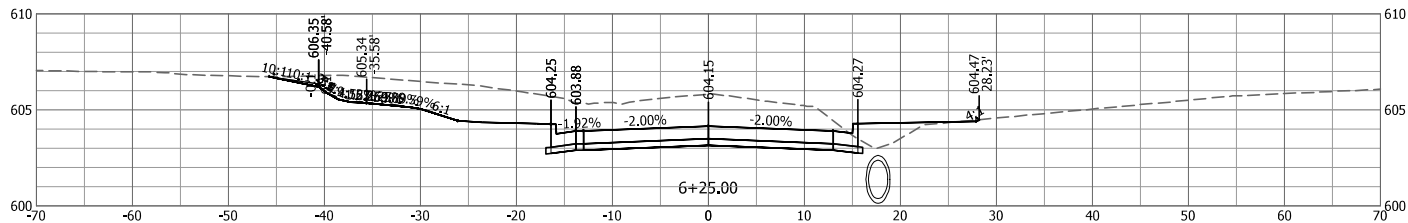
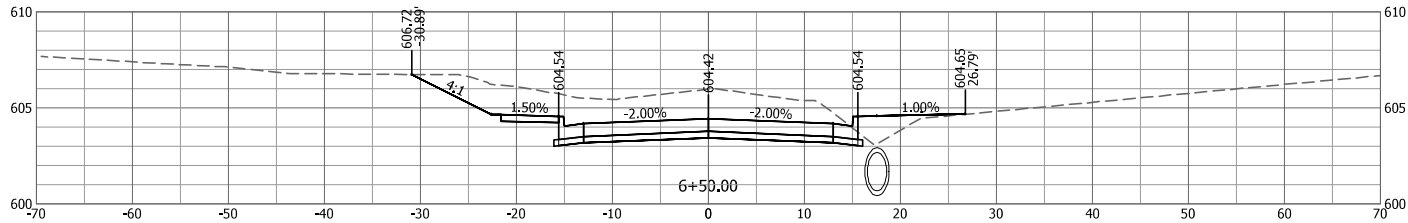
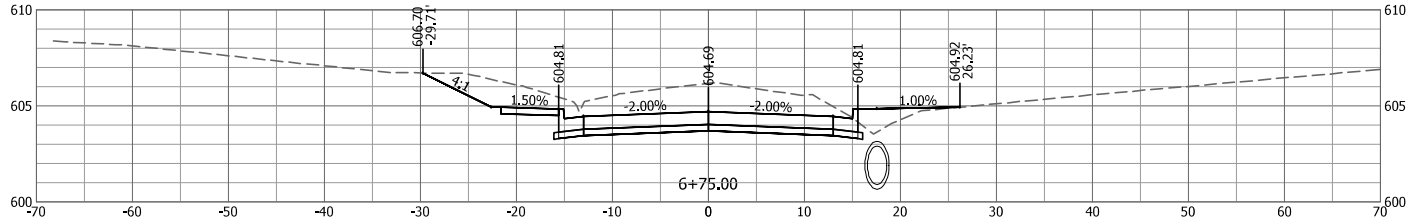
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SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	29 OF 37

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8803	22-00040-01-PV	JERSEY	37	30
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



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Last edit on: 2/19/2025 3:23 PM by: JDM00688

#	DATE	DESCRIPTION

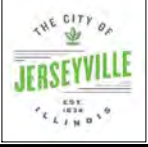
DESIGNED BY:	HEM
DRAWN BY:	JDM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West

1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052
618-494-4001
ILLINOIS DESIGN FIRM NO 184006585-0002
www.bartlettwest.com

HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

HOLLOW AVE CROSS SECTIONS
STA 5+75 TO 8+00

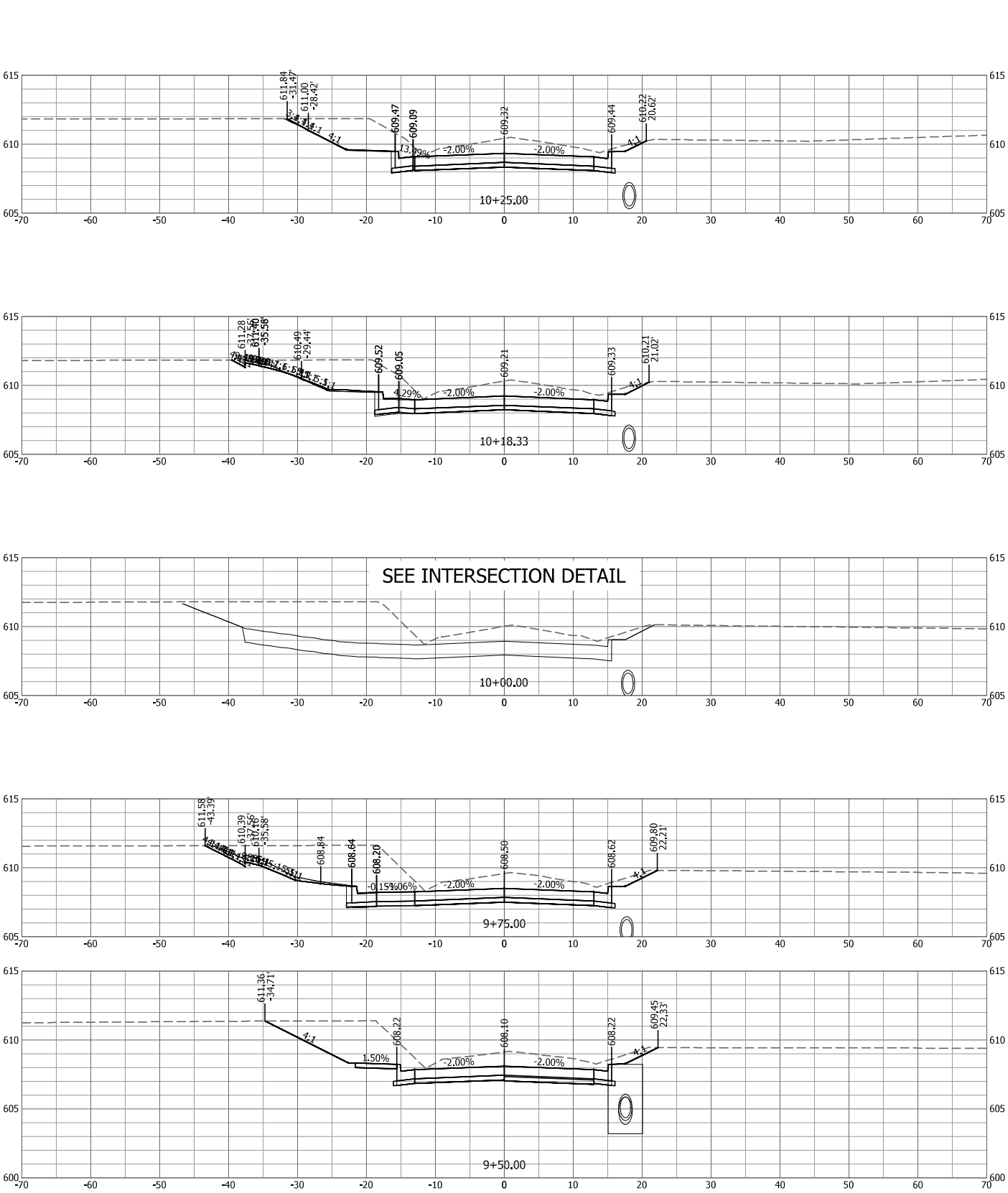
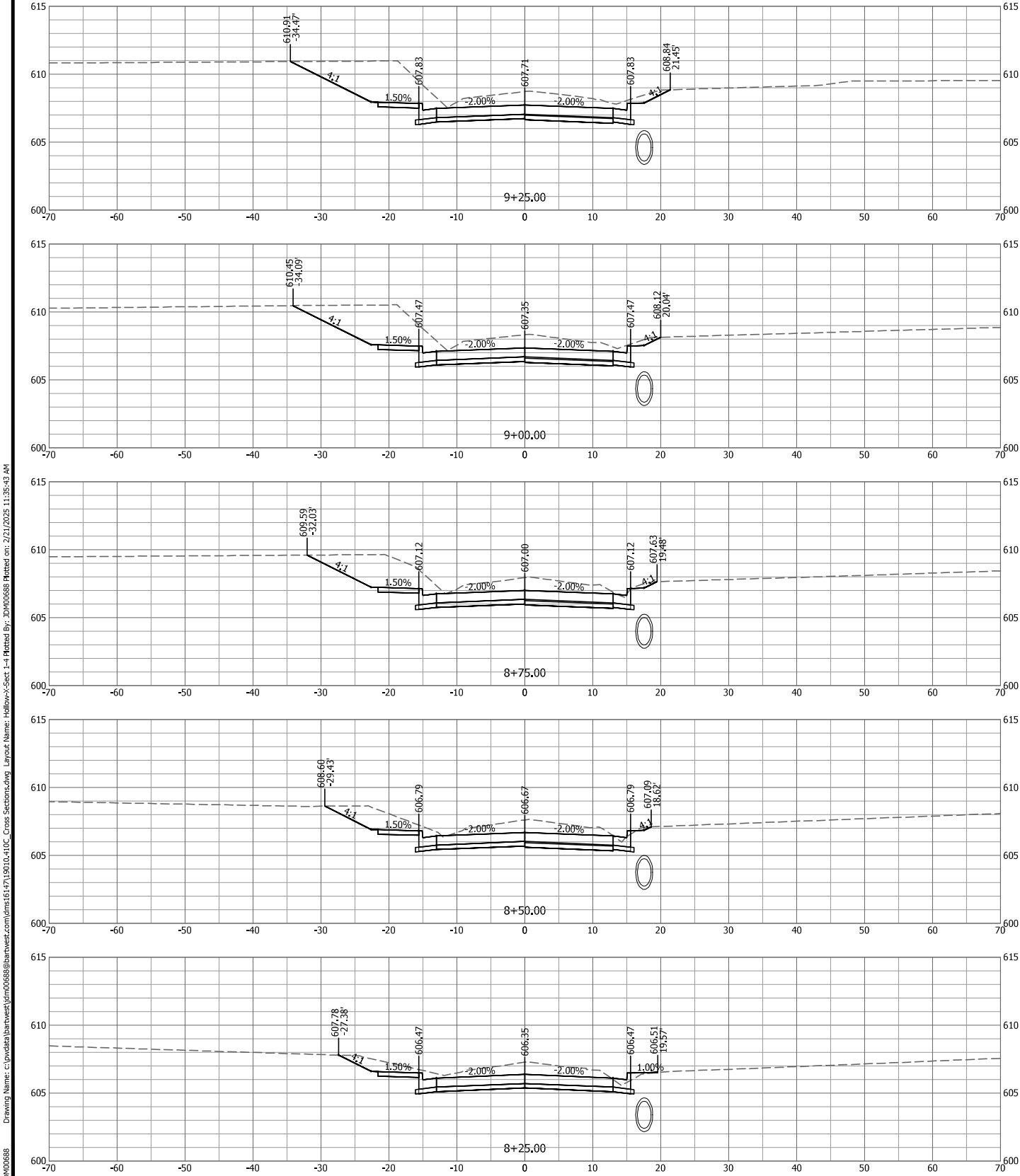


PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	30 OF 37

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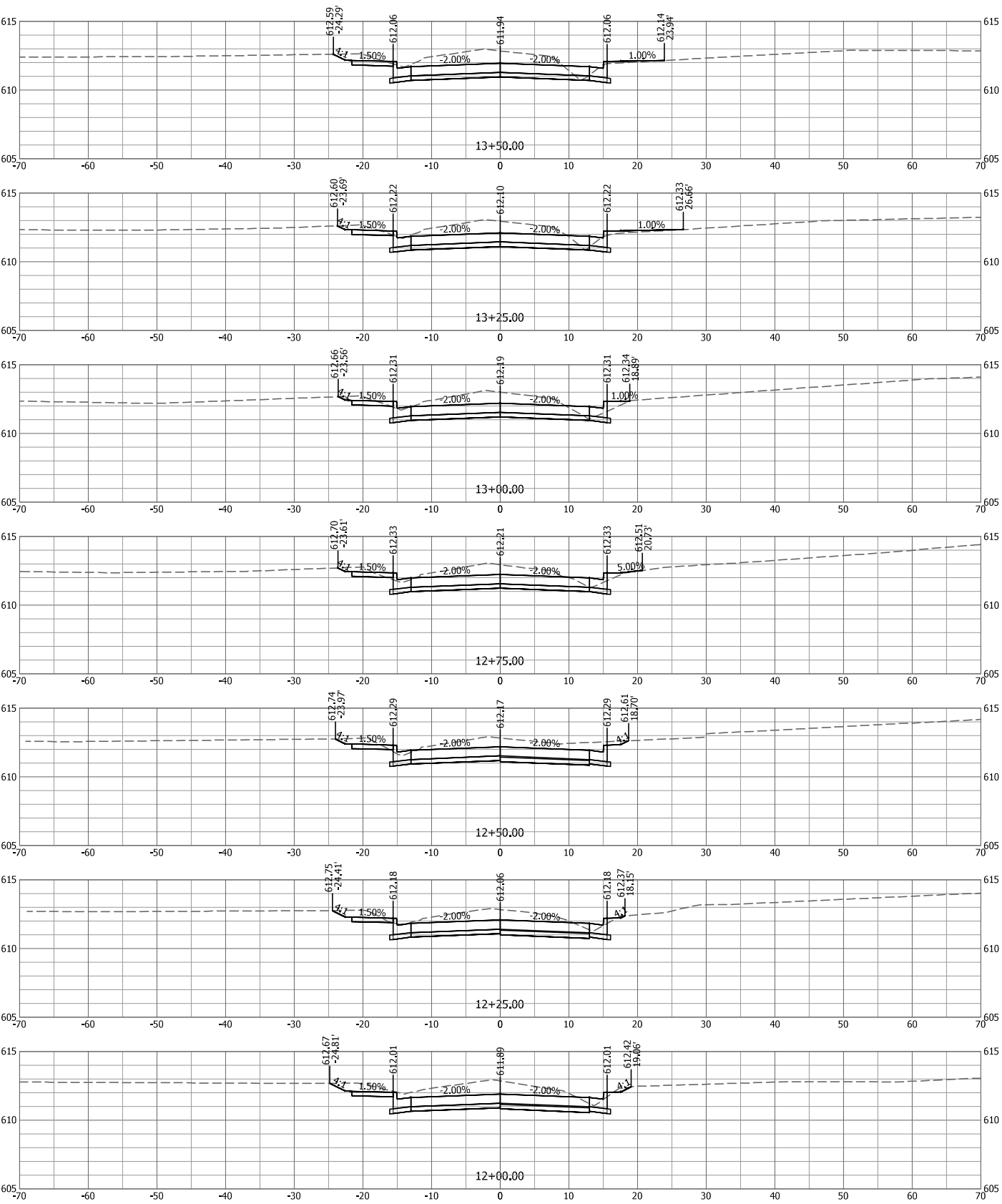
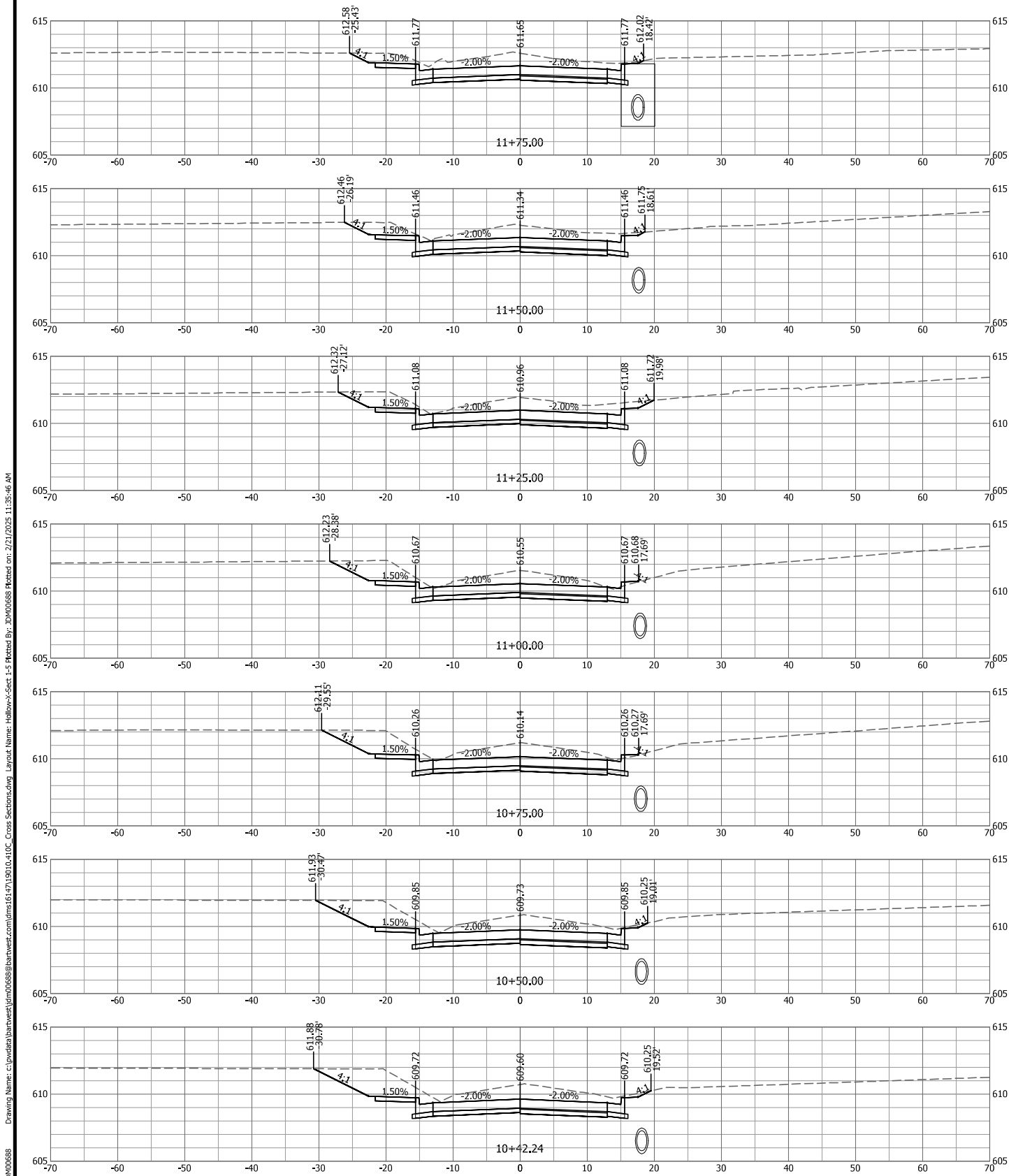
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	31
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



#	DATE	DESCRIPTION	BY	DESIGNED BY: HEM	 1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052 ILLINOIS DESIGN FIRM NO 184006585-0002 www.bartlettwest.com	HOLLOW AVENUE ROADWAY IMPROVEMENTS CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS	HOLLOW AVE CROSS SECTIONS STA 8+25 TO 10+25		PROJ NO: 19010.410	DRAWING NO:
			DRAWN BY: JDM	CONST PROJ: 97852						
			CHECKED BY: RAM	SCALE: AS NOTED						
			PROJECT ENGR:	DATE: OCTOBER 2024						
									SHEET NO: 31 OF 37	

BAR IS ONE INCH ON OFFICIAL DRAWINGS, 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	32
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



#	DATE	DESCRIPTION

DESIGNED BY:	HEM
DRAWN BY:	JDM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West
1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052
ILLINOIS DESIGN FIRM NO 184006585-0002
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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

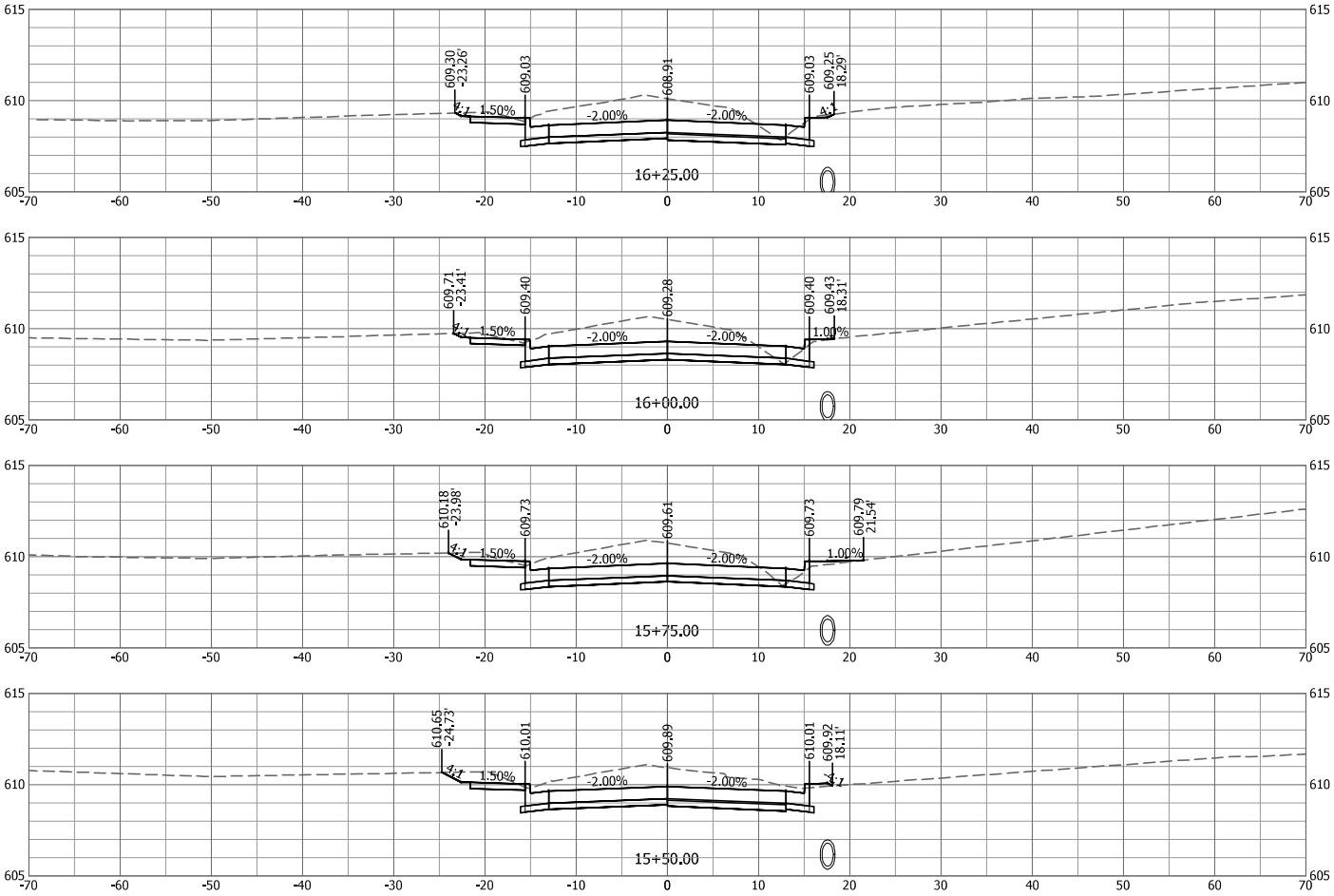
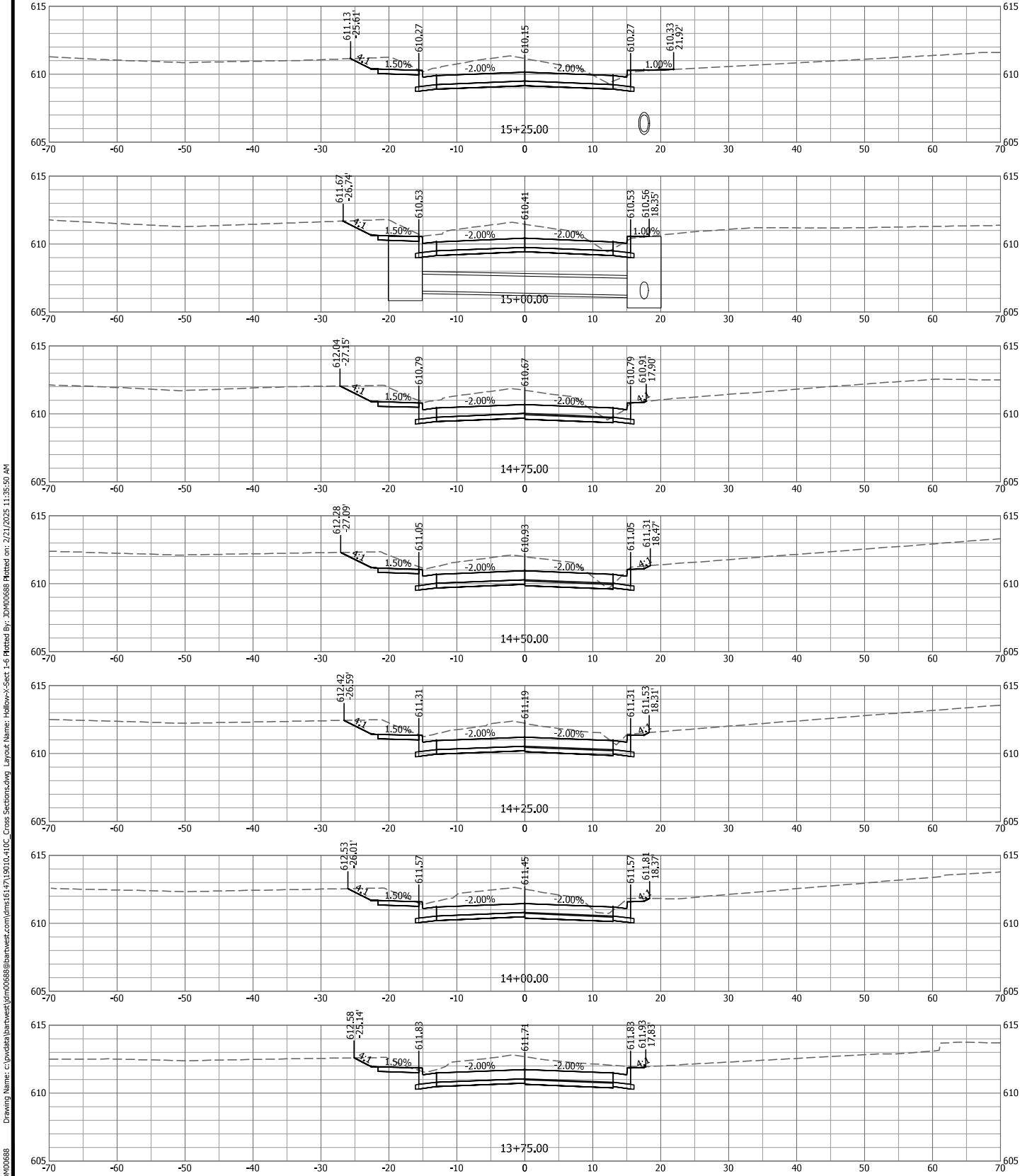
HOLLOW AVE CROSS SECTIONS
STA 10+42.24 TO 13+50



PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	32 OF 37

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	33
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



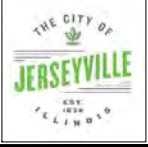
#	DATE	DESCRIPTION

DESIGNED BY:	HEM
DRAWN BY:	JDM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West
1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052
ILLINOIS DESIGN FIRM NO 184006585-0002
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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

HOLLOW AVE CROSS SECTIONS
STA 13+75 TO 16+25



PROJ NO: 19010.410	AS NOTED
CONST PROJ: 97852	
SCALE:	OCTOBER 2024
DATE:	

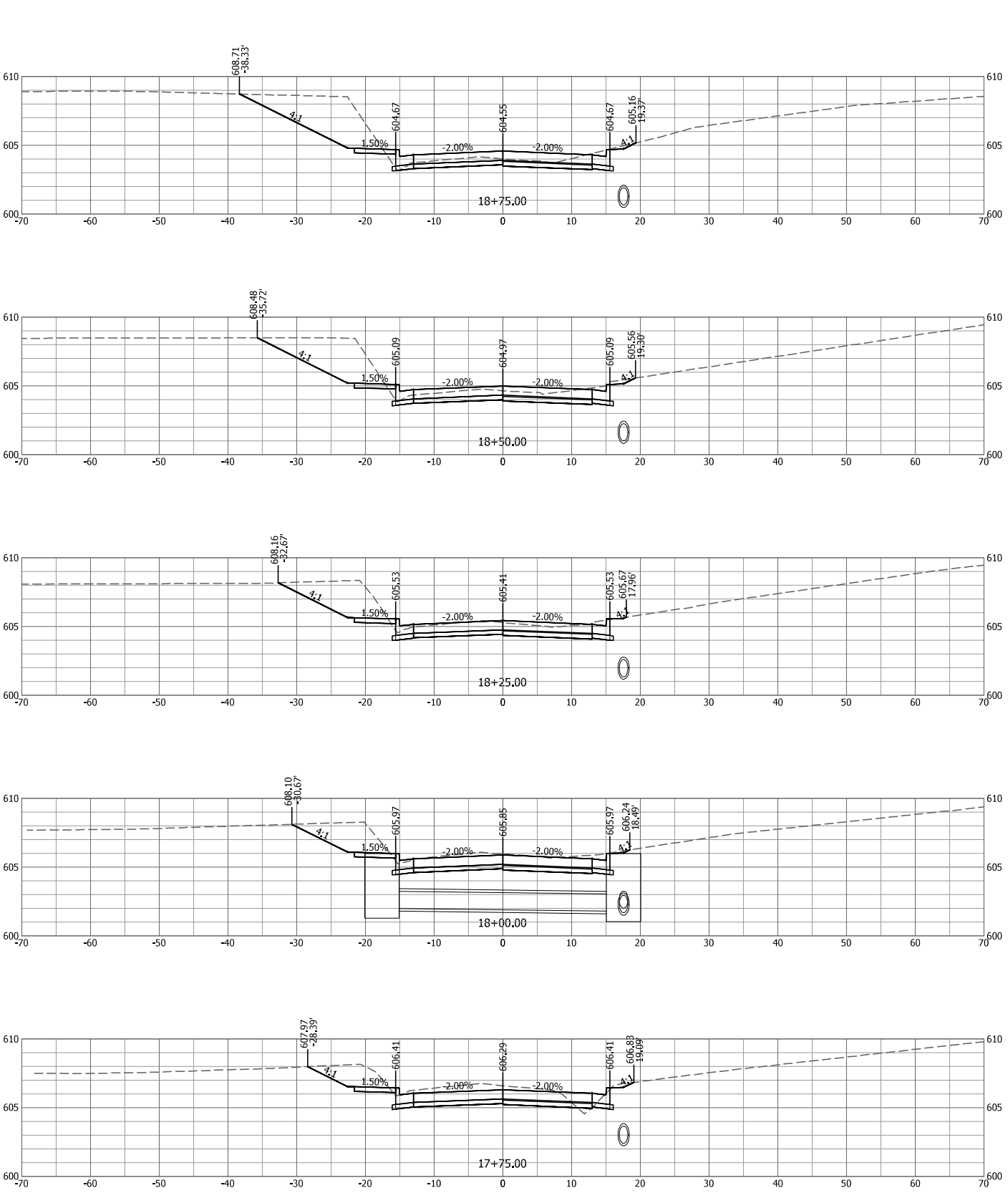
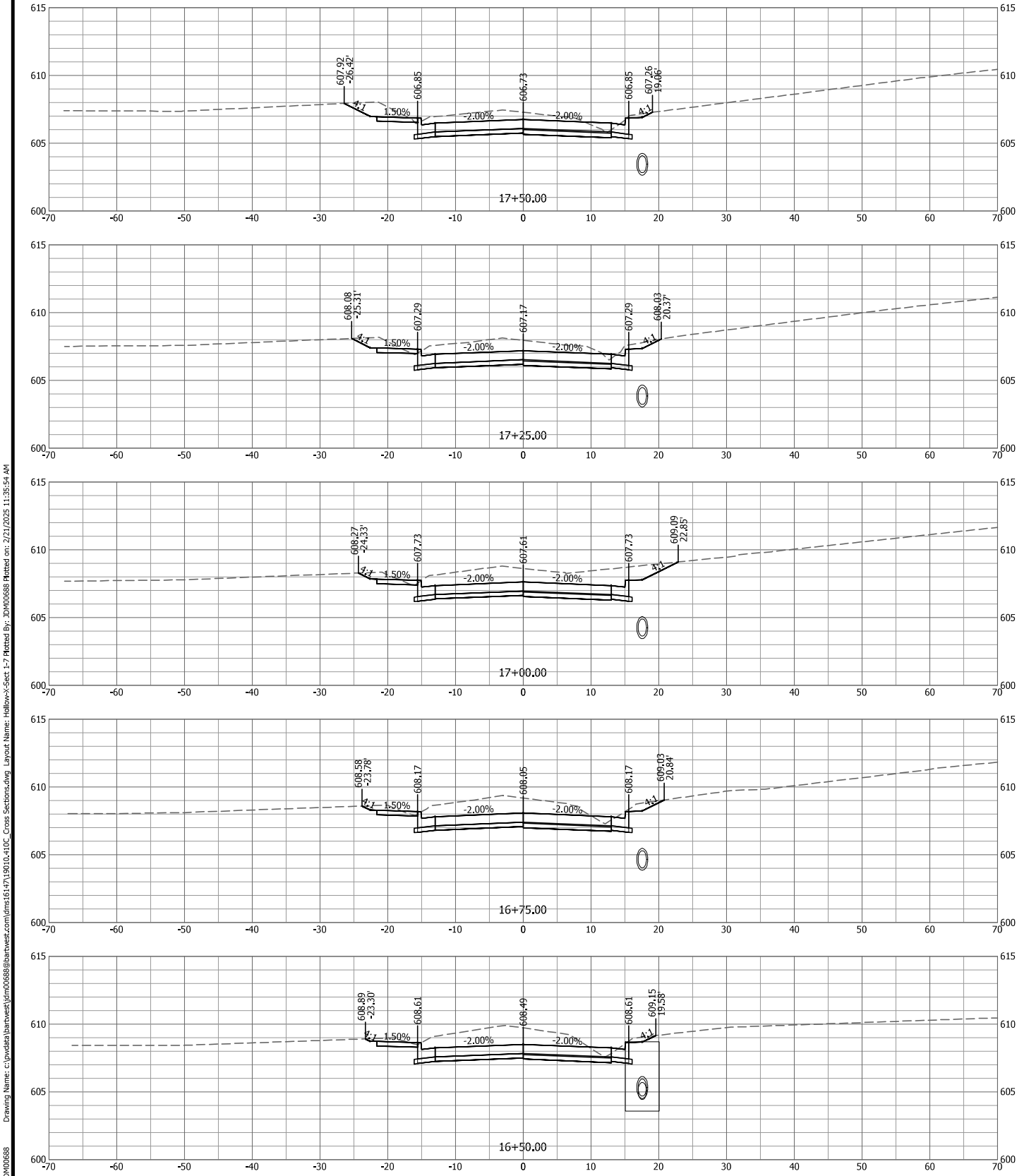
DRAWING NO:	SHEET NO:
	33 OF 37

Last edit on: 2/19/2025 3:23 PM by: DNM0688

Drawing Name: c:\pwwdaa\bartwest\jrm0688@bartwest.com\dms614719010-410_Cross Sections.dwg Layout Name: Hollow>Sect 1-6 Plotted By: DNM0688 Plotted on: 2/21/2025 11:35:50 AM

BAR IS ONE INCH ON OFFICIAL DRAWINGS, 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	34
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



#	DATE	DESCRIPTION

DESIGNED BY:	HEM
DRAWN BY:	JDM
CHECKED BY:	RAM
PROJECT ENGR:	

Bartlett & West

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618-494-4001
ILLINOIS DESIGN FIRM NO 184006585-0002
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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

HOLLOW AVE CROSS SECTIONS
STA 16+50 TO 18+75



PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

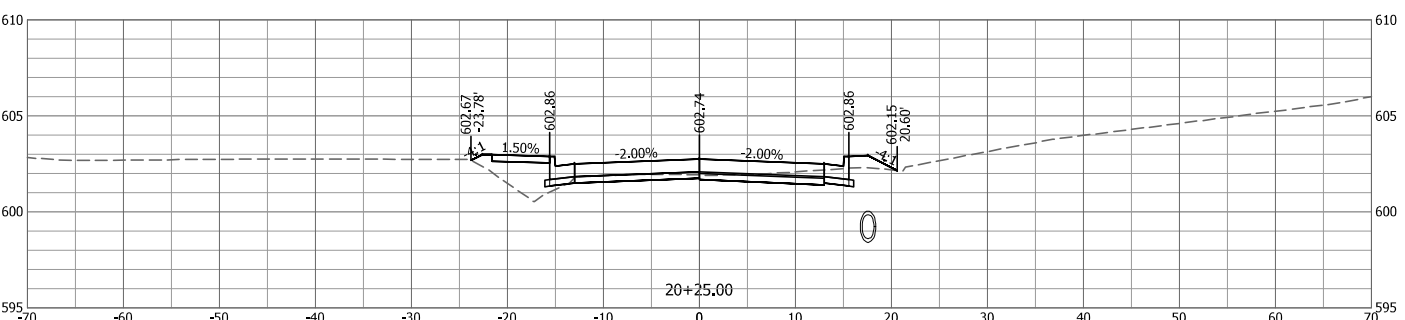
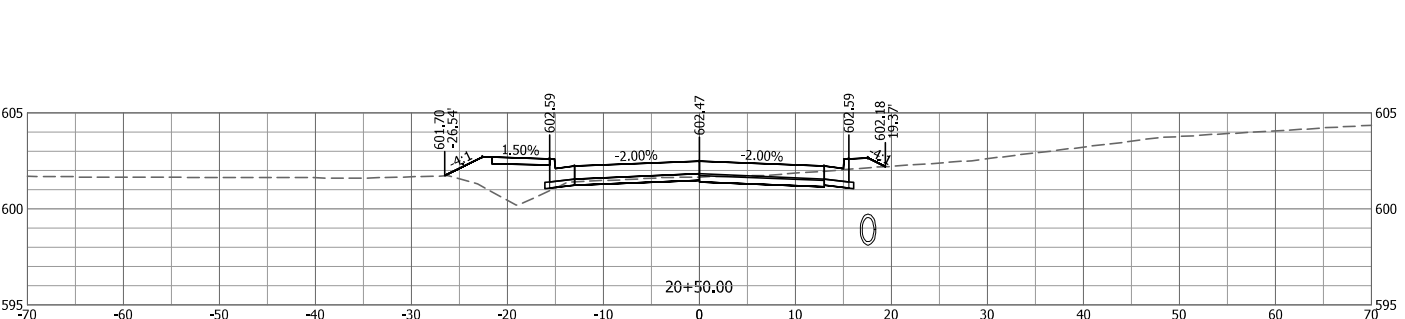
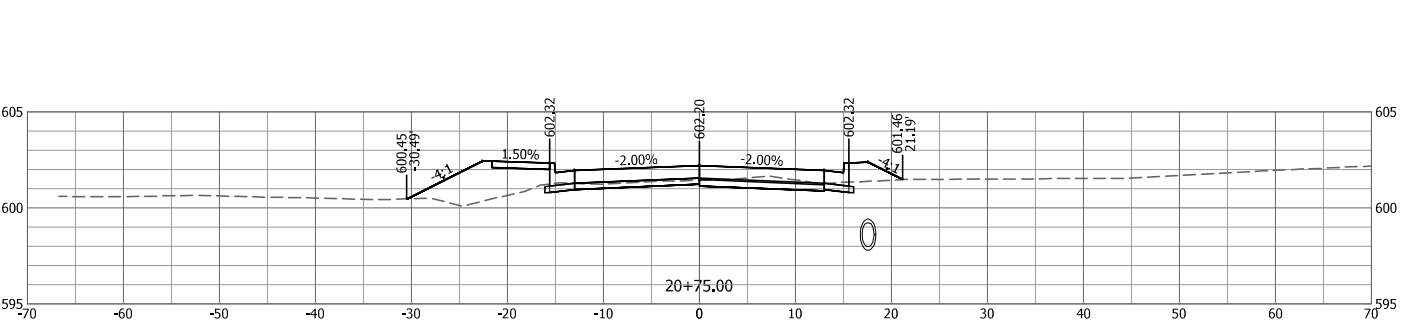
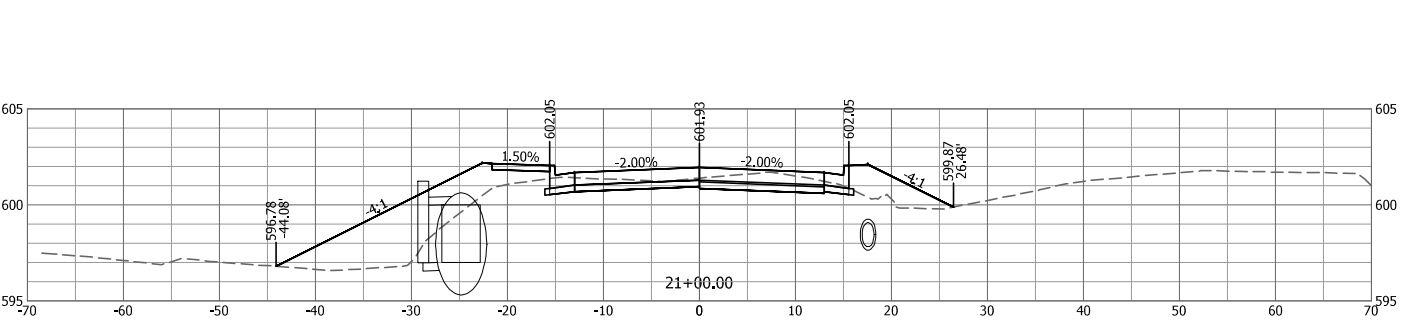
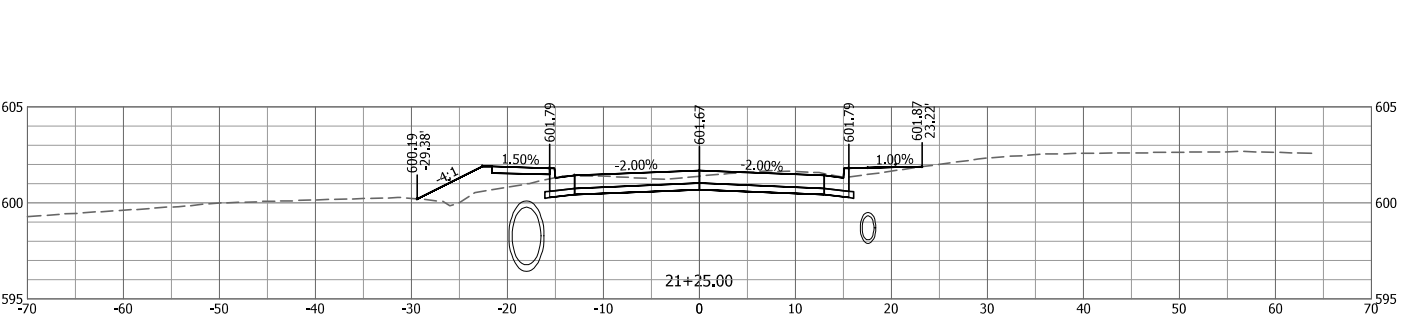
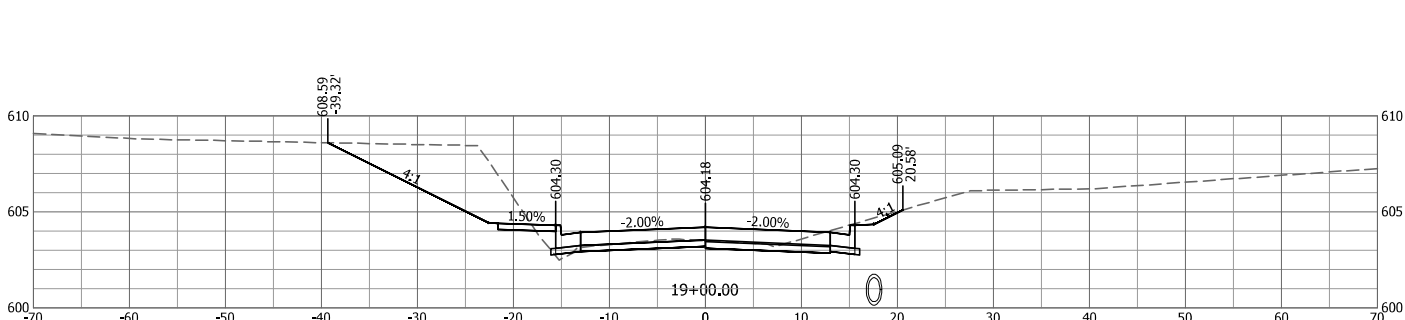
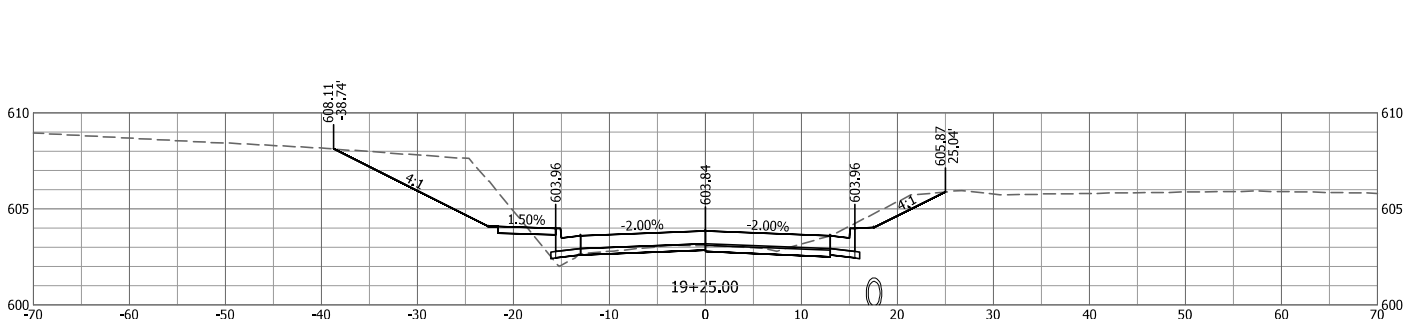
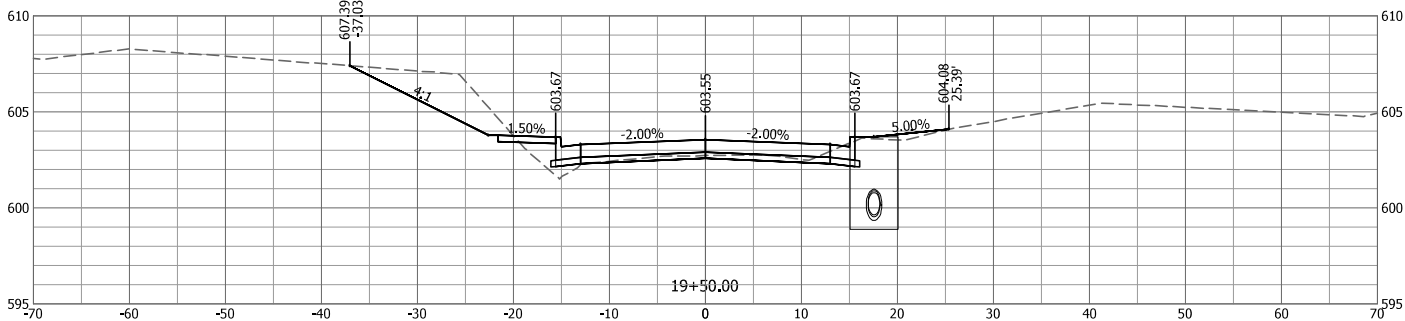
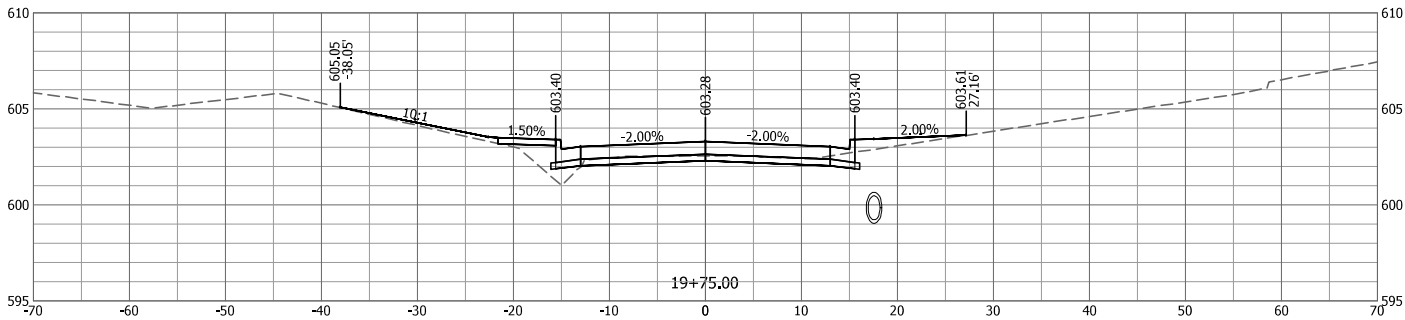
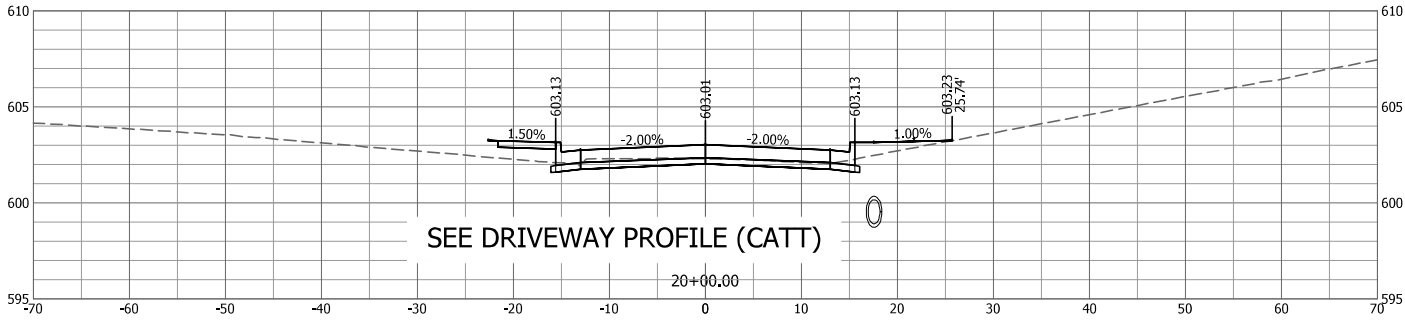
DRAWING NO:	
SHEET NO:	34 OF 37

Last edit on: 2/18/2025 3:23 PM by: DNM060688

Drawing Name: c:\pwworkspace\BartlettWest\BartlettWest\19010.410_Cross Sections.dwg Layout Name: Hollow-Ave-Cross Sections.dwg Plotted on: 2/21/2025 11:35:54 AM

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	35
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



Drawing Name: c:\pwworkspace\BartlettWest\firm00688\BartlettWest\firm00688.dwg Layout Name: Hollow-Ave-Cross Sections.dwg Plotted on: 2/21/2025 11:35:58 AM

Last edit on: 2/19/2025 3:23 PM by: DWM0688

#	DATE	DESCRIPTION

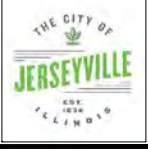
DESIGNED BY:	HEM
DRAWN BY:	JDM
CHECKED BY:	RAM
PROJECT ENGR:	

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ILLINOIS DESIGN FIRM NO 184006585-0002
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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

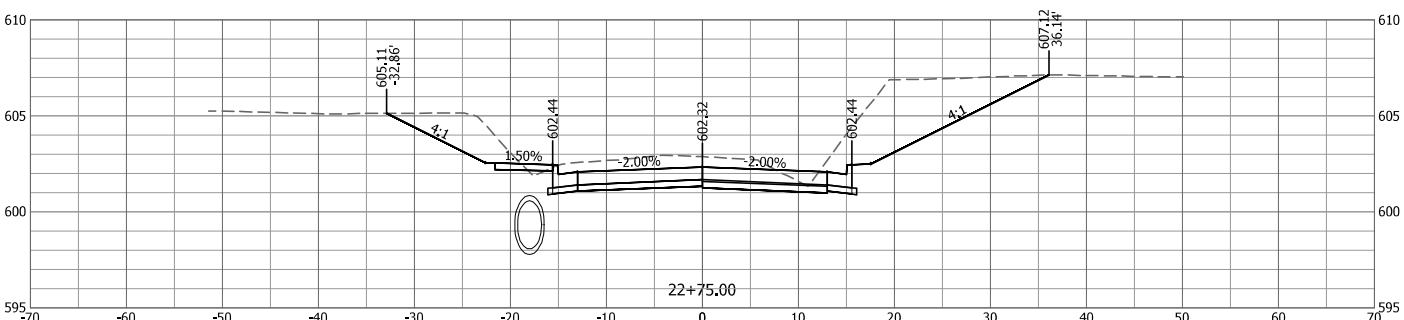
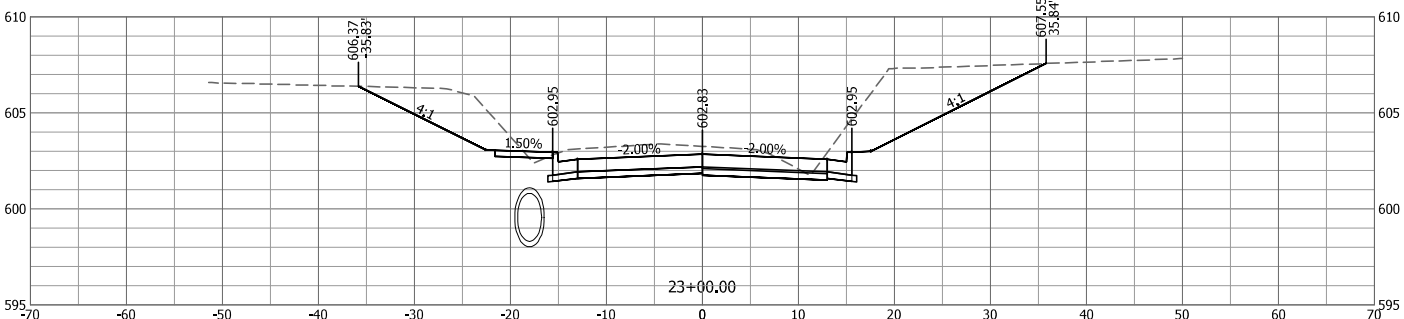
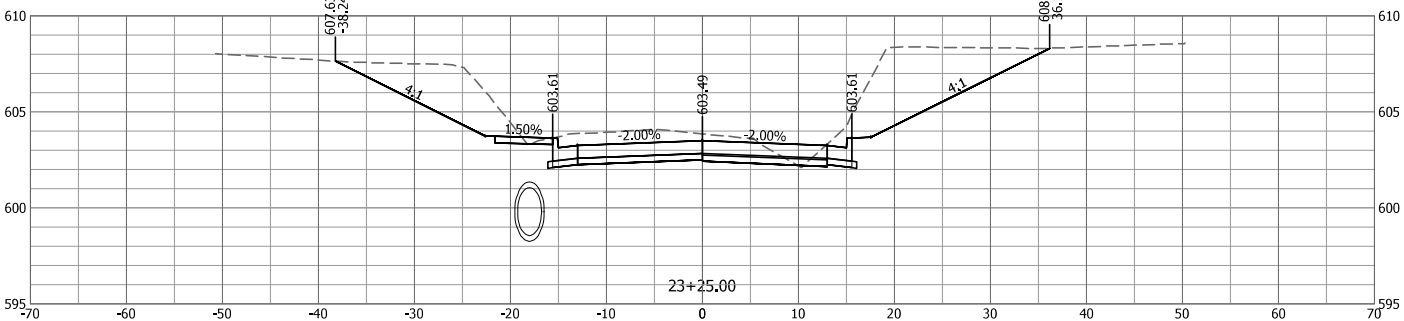
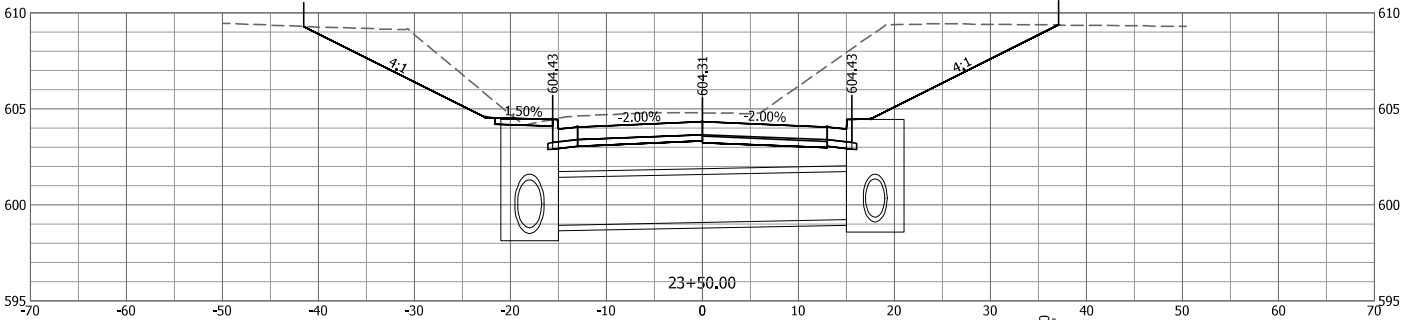
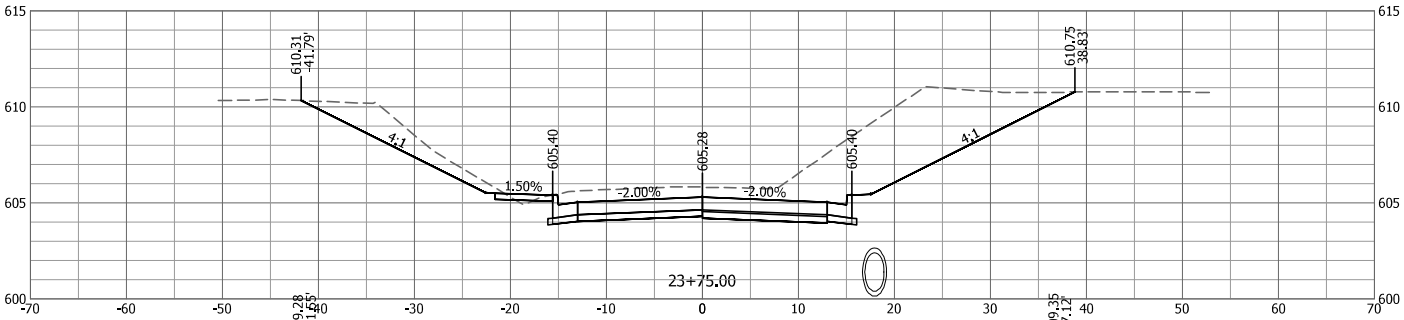
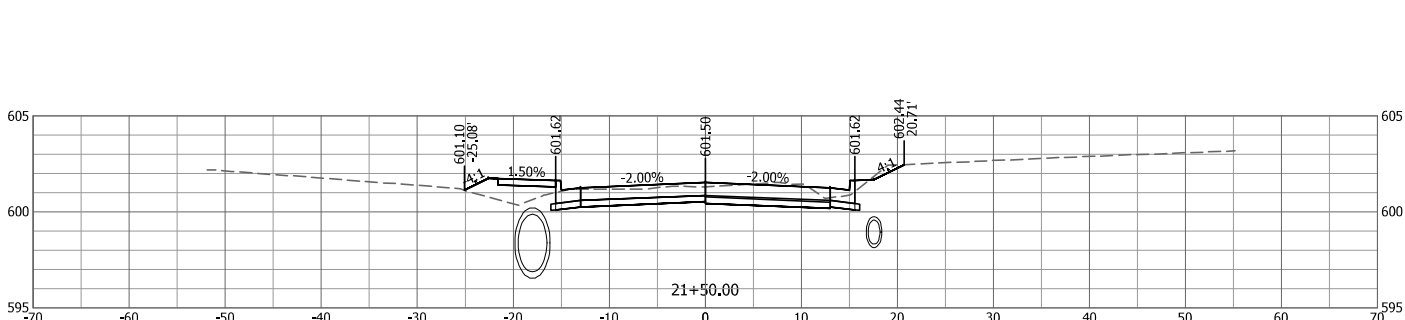
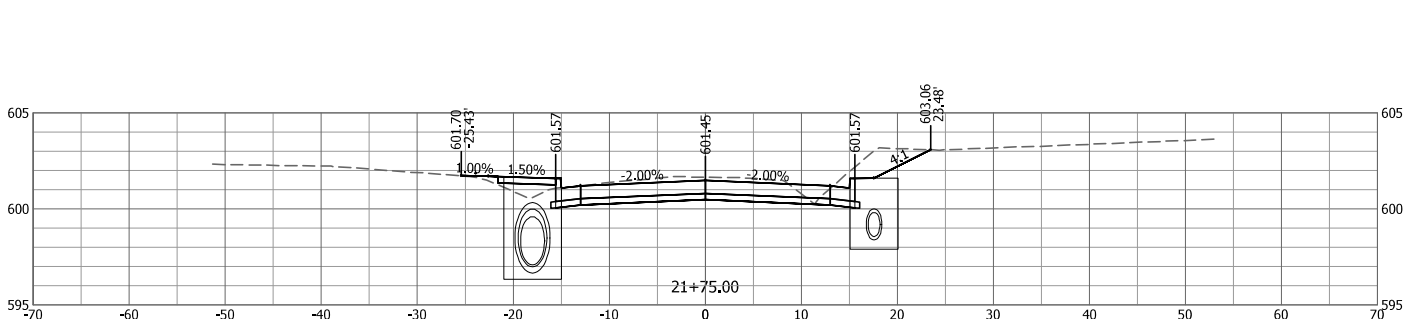
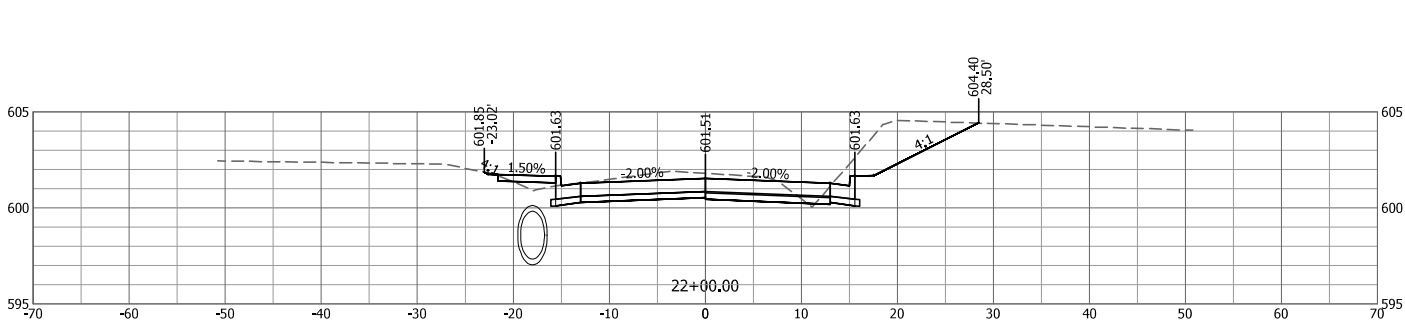
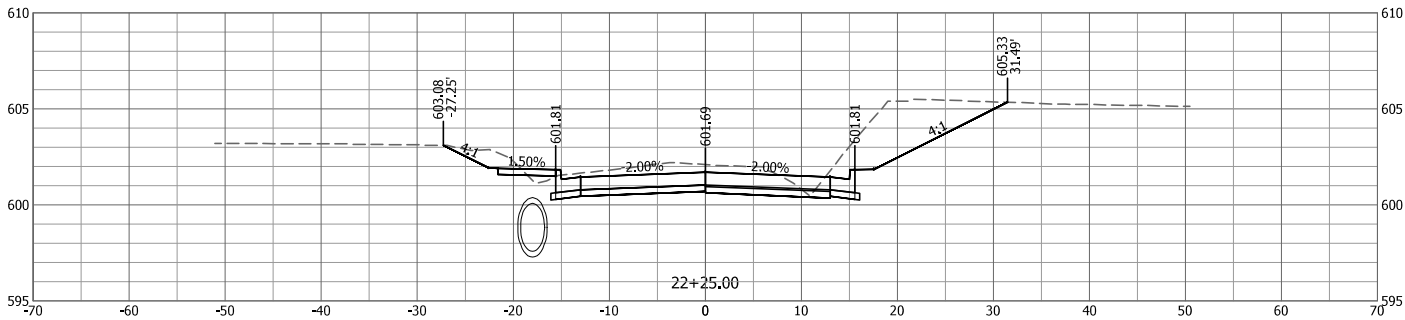
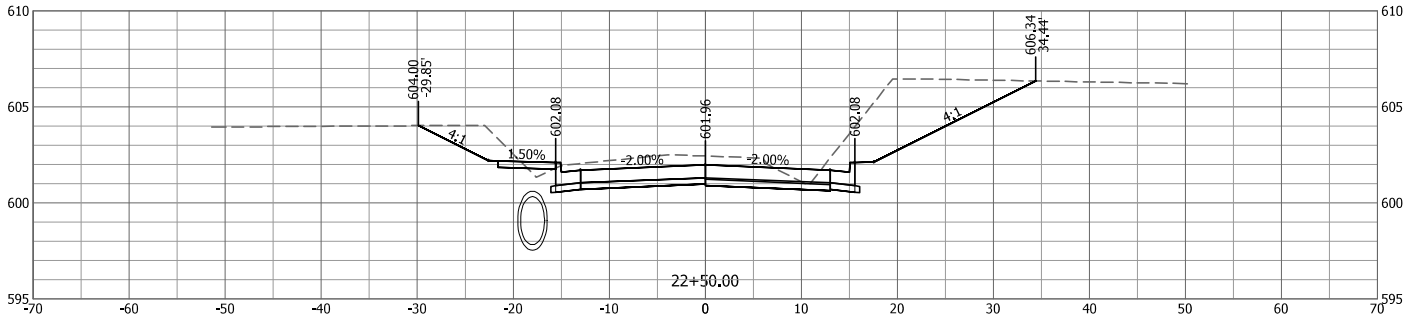
HOLLOW AVE CROSS SECTIONS
STA 19+75 TO 21+25



PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	35 OF 37

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	36
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	



Drawing Name: c:\pwworkspace\BartlettWest\proj\2119010-110_Cross Sections.dwg Layout Name: Hollow-Ave-Sect 1-9 Plotted By: JDM0688 Plotted on: 2/21/2025 11:36:02 AM

Last edit on: 2/19/2025 3:23 PM by: JDM0688

#	DATE	DESCRIPTION

DESIGNED BY:	HEM
DRAWN BY:	JDM
CHECKED BY:	RAM
PROJECT ENGR:	

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HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

HOLLOW AVE CROSS SECTIONS
STA 21+50 TO 23+75



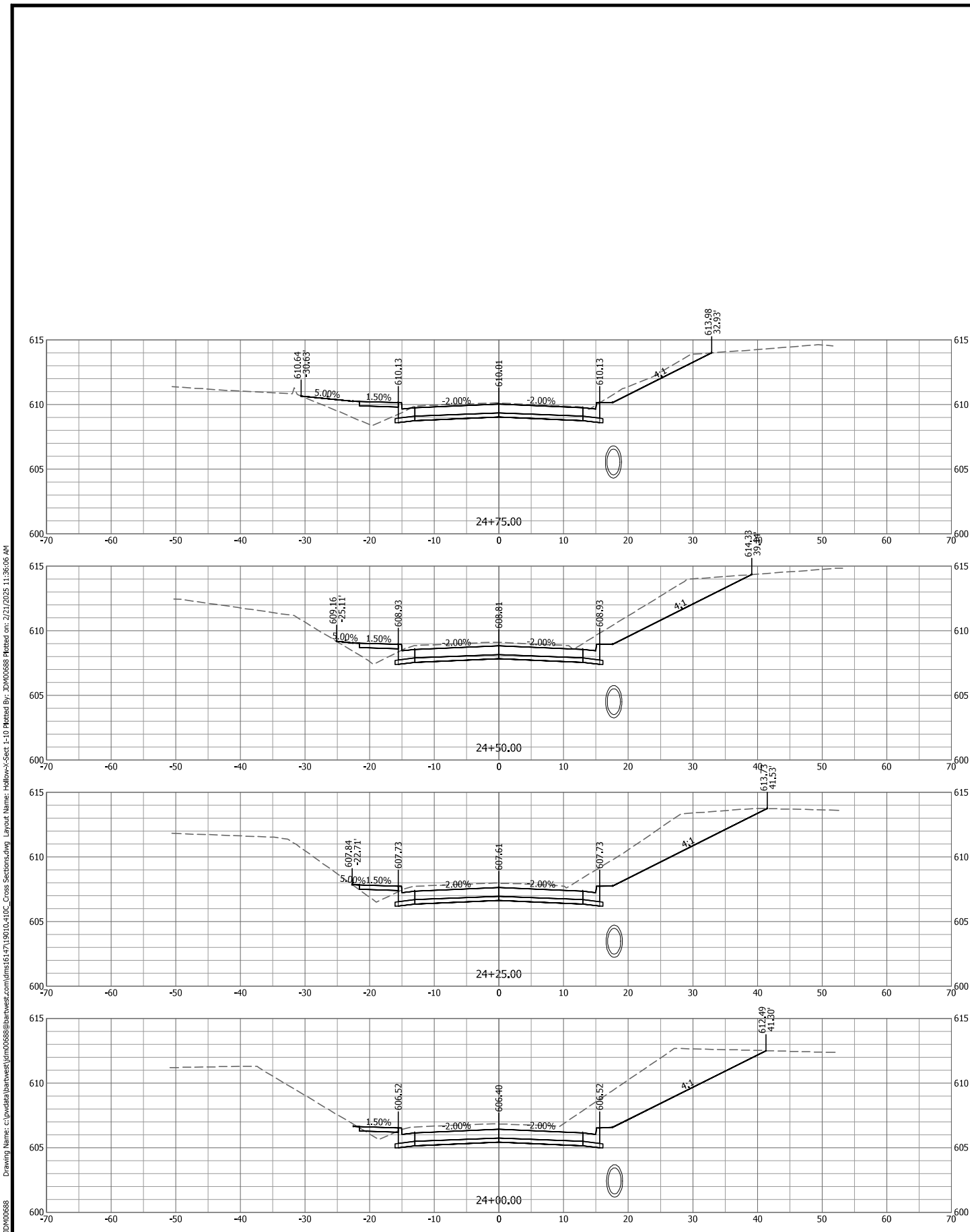
PROJ NO:	19010.410
CONST PROJ:	97852
SCALE:	AS NOTED
DATE:	OCTOBER 2024

DRAWING NO:	
SHEET NO:	36 OF 37

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8803	22-00040-01-PV	JERSEY	37	37
FEDERAL AID PROJECT		ILLINOIS	CONST PROJ: 97852	

Total Volume Table						
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+80.00	0.75	20.62	0.00	0.00	0.00	0.00
1+00.00	3.82	33.43	1.69	20.02	1.69	20.02
1+25.00	15.04	18.58	8.73	24.08	10.42	44.10
1+50.00	13.51	18.49	13.22	17.16	23.64	61.26
1+75.00	10.25	23.00	11.00	19.21	34.64	80.47
2+00.00	6.85	32.78	7.92	25.82	42.56	106.29
2+25.00	3.29	40.15	4.69	33.76	47.25	140.06
2+50.00	10.06	44.18	6.18	39.04	53.43	179.10
2+75.00	26.41	47.57	16.88	42.48	70.31	221.58
3+00.00	10.24	54.62	16.97	47.31	87.28	268.89
3+25.00	0.00	61.72	4.74	53.86	92.03	322.75
3+50.00	7.01	54.93	3.25	54.00	95.28	376.75
3+75.00	7.88	50.94	6.89	49.02	102.17	425.77
4+00.00	8.26	58.15	7.47	50.51	109.64	476.27
4+25.00	7.11	59.98	7.12	54.69	116.76	530.96
4+50.00	1.60	71.78	4.03	61.00	120.79	591.96
4+75.00	0.83	72.65	1.13	66.87	121.92	658.82
5+00.00	4.01	70.05	2.24	66.07	124.16	724.89
5+25.00	4.54	72.24	3.96	65.88	128.11	790.77
5+50.00	4.55	91.10	4.21	75.62	132.32	866.39
5+75.00	4.94	145.55	4.40	109.56	136.72	975.95
6+00.00	4.47	184.35	4.36	152.73	141.07	1128.68
6+25.00	6.25	112.70	4.96	137.52	146.03	1266.20
6+50.00	6.51	89.00	5.91	93.38	151.94	1359.58
6+75.00	5.36	80.04	5.49	78.26	157.44	1437.84
7+00.00	5.33	75.38	4.95	71.95	162.38	1509.79
7+25.00	5.05	70.37	4.80	67.48	167.18	1577.26
7+50.00	5.78	68.25	5.01	64.18	172.20	1641.44
7+75.00	0.00	106.88	2.68	81.08	174.87	1722.52
8+00.00	4.97	73.81	2.30	83.65	177.17	1806.18
8+25.00	0.67	56.15	2.61	60.17	179.78	1866.34
8+50.00	0.11	64.83	0.36	56.01	180.14	1922.35
8+75.00	0.00	81.15	0.05	67.58	180.19	1989.93
9+00.00	0.00	93.86	0.00	81.03	180.20	2070.96
9+25.00	0.00	98.22	0.00	88.93	180.20	2159.89
9+50.00	0.00	100.86	0.00	92.17	180.20	2252.06
9+75.00	0.00	121.10	0.00	102.76	180.20	2354.82
10+00.00	0.00	145.73	0.00	123.53	180.20	2478.36
10+18.33	0.00	94.92	0.00	81.70	180.20	2560.06
10+25.00	0.00	83.25	0.00	22.00	180.20	2582.05
10+42.24	0.00	77.98	0.00	51.47	180.20	2633.52
10+50.00	0.00	75.40	0.00	22.05	180.20	2655.57
10+75.00	0.27	68.14	0.13	66.46	180.32	2722.03
11+00.00	0.31	62.41	0.27	60.44	180.59	2782.47
11+25.00	0.00	64.86	0.15	58.92	180.74	2841.39
11+50.00	0.00	60.95	0.00	58.24	180.74	2899.63
11+75.00	0.00	59.91	0.00	55.95	180.74	2955.59
12+00.00	0.15	54.99	0.07	53.20	180.81	3008.78
12+25.00	0.27	48.42	0.19	47.88	181.00	3056.66
12+50.00	0.04	50.06	0.14	45.59	181.15	3102.25
12+75.00	0.94	42.58	0.46	42.89	181.60	3145.14
13+00.00	1.20	44.24	0.99	40.19	182.60	3185.33

Total Volume Table						
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
13+25.00	1.20	46.97	1.11	42.23	183.71	3227.56
13+50.00	0.63	49.92	0.84	44.86	184.55	3272.42
13+75.00	0.00	60.36	0.29	51.06	184.84	3323.47
14+00.00	0.00	59.65	0.00	55.56	184.84	3379.03
14+25.00	0.00	63.40	0.00	56.97	184.84	3436.00
14+50.00	0.00	61.81	0.00	57.96	184.84	3493.97
14+75.00	0.00	61.53	0.00	57.10	184.84	3551.06
15+00.00	0.17	60.49	0.08	56.49	184.92	3607.55
15+25.00	0.37	57.49	0.25	54.62	185.17	3662.17
15+50.00	0.38	60.52	0.35	54.63	185.52	3716.80
15+75.00	0.86	53.81	0.58	52.93	186.10	3769.73
16+00.00	0.25	54.59	0.52	50.18	186.61	3819.91
16+25.00	0.01	57.75	0.12	52.01	186.73	3871.92
16+50.00	0.00	60.87	0.00	54.92	186.73	3926.83
16+75.00	0.00	61.10	0.00	56.46	186.73	3983.30
17+00.00	0.02	71.35	0.01	61.32	186.74	4044.62
17+25.00	0.02	57.23	0.02	59.53	186.76	4104.14
17+50.00	0.02	51.27	0.02	50.23	186.78	4154.38
17+75.00	0.52	48.64	0.25	46.25	187.03	4200.63
18+00.00	0.03	55.78	0.25	48.34	187.28	4248.97
18+25.00	0.19	54.84	0.10	51.21	187.38	4300.19
18+50.00	0.44	59.27	0.29	52.83	187.67	4353.02
18+75.00	0.71	59.68	0.53	55.07	188.20	4408.09
19+00.00	1.65	57.46	1.09	54.23	189.29	4462.32
19+25.00	2.35	49.91	1.85	49.71	191.14	4512.03
19+50.00	5.99	29.64	3.86	36.83	195.00	4548.86
19+75.00	11.36	10.20	8.03	18.44	203.04	4567.30
20+00.00	9.12	11.23	9.48	9.92	212.51	4577.22
20+25.00	12.22	11.95	9.88	10.73	222.39	4587.96
20+50.00	16.68	11.47	13.38	10.84	235.78	4598.80
20+75.00	21.81	11.61	17.82	10.68	253.59	4609.48
21+00.00	60.03	20.11	37.89	14.68	291.48	4624.16
21+25.00	12.47	28.63	33.56	22.56	325.04	4646.73
21+50.00	7.02	29.25	9.02	26.80	334.06	4673.52
21+75.00	3.16	40.77	4.71	32.42	338.78	4705.94
22+00.00	1.29	54.19	2.06	43.97	340.84	4749.91
22+25.00	0.70	75.26	0.92	59.93	341.75	4809.84
22+50.00	0.63	95.27	0.62	78.95	342.37	4888.79
22+75.00	0.26	108.83	0.41	94.49	342.78	4983.27
23+00.00	0.23	112.01	0.23	102.24	343.01	5085.51
23+25.00	0.05	120.38	0.13	107.59	343.14	5193.10
23+50.00	0.00	155.23	0.02	127.60	343.16	5320.70
23+75.00	0.22	142.38	0.10	137.79	343.26	5458.49
24+00.00	1.50	114.70	0.80	119.02	344.06	5577.51
24+25.00	3.30	95.25	2.22	97.20	346.28	5674.71
24+50.00	6.47	74.51	4.52	78.59	350.81	5753.30
24+75.00	13.08	42.19	9.05	54.03	359.86	5807.33



Drawing Name: c:\pwworkspace\BartlettWest\BartlettWest\19010-410_Cross Sections.dwg Layout Name: Hollow-Ave-Sect 1-10 Plotted By: JDM060688 Plotted on: 2/21/2025 11:36:06 AM

Last edit on: 2/19/2025 3:23 PM by: JDM060688

#	DATE	DESCRIPTION

DESIGNED BY:	HEM
DRAWN BY:	JDM
CHECKED BY:	RAM
PROJECT ENGR:	



1207 SINCLAIR DRIVE - SUITE 2 - JERSEYVILLE - IL 62052
618-494-4001
ILLINOIS DESIGN FIRM NO 184006585-0002
www.bartlettwest.com

HOLLOW AVENUE
ROADWAY IMPROVEMENTS
CITY OF JERSEYVILLE, JERSEY COUNTY, ILLINOIS

HOLLOW AVE CROSS SECTIONS
STA 24+00 TO 24+75



PROJ NO: 19010.410 CONST PROJ: 97852 SCALE: AS NOTED DATE: OCTOBER 2024
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DRAWING NO:	
SHEET NO:	37 OF 37