

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426*	1
		ILLINOIS	CONTRACT NO. 64L94	
* 426 + 34 = 460 TOTAL SHEETS				

D-92-001-17

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

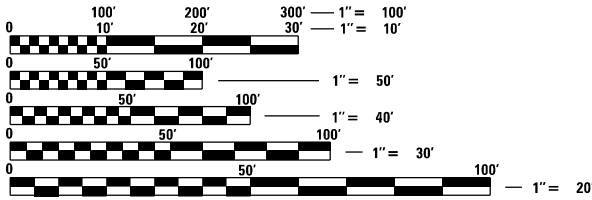
FAP ROUTE 611 (IL 81)
SECTION 104R
PROJECT STP-9NIE(950)
RECONSTRUCTION OF IL 81:
IL 81 FROM 0.2 MI W. OF N. UNION STREET
TO 0.3 MI W. OF IL 78
HENRY COUNTY

FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL

2025 ADT = 2650
2035 ADT = 3072
P.V. = 92.1% S.U. = 6.6% M.U. = 1.3%
POSTED SPEED VARIES 55-30 MPH
DESIGN SPEED VARIES 60-35 MPH

KEWANEE TOWNSHIP – SECTIONS 28, 29, 32 & 33

PROJECT/IMPROVEMENT BEGINS
STA 1296+00.00



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

PROJECT ENGINEER: CHAD SPREEMAN
PROJECT MANAGER: TRACI DUDEN 815-284-5932
EMAIL: TRACI.DUDEN@ILLINOIS.GOV
CONTRACT NO. 64L94

ARTISAN

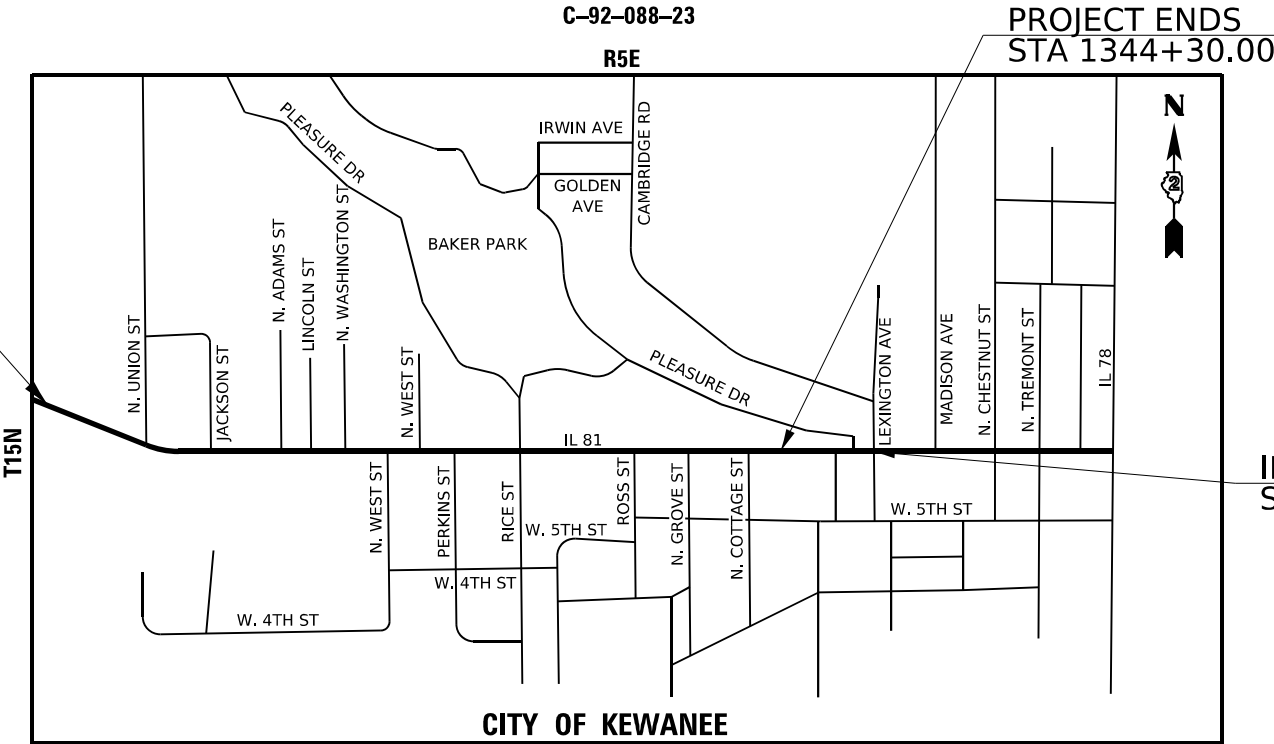
CONSULTING ENGINEERS, LLC
1245 Sunnyside Road
Chapin, IL 62628
(815) 519-9645
www.ArtisanCivil.com
Design Firm License:
184-005655 (Illinois)

CHASTAIN
& ASSOCIATES LLC
CONSULTING ENGINEERS

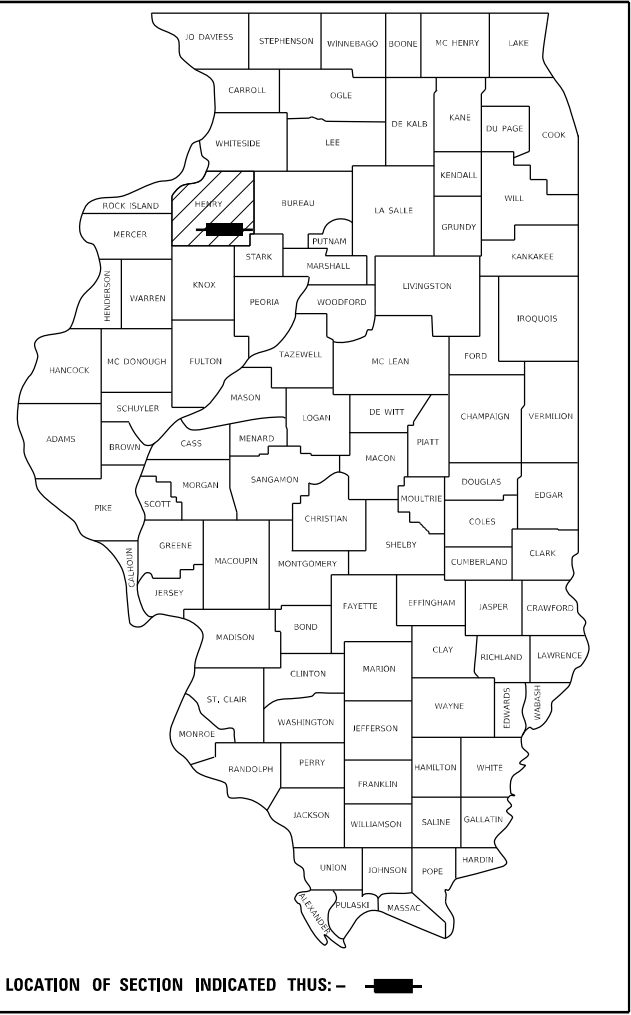
LIN ENGINEERING, LTD.
Consulting Engineers
Westmont, Illinois

IMEG

401 E. STATE ST. 4th Floor PH: 815.965.6400
ROCKFORD, IL www.imegcorp.com
61104



GROSS LENGTH IL 81 = 4,830.00 FT. = 0.915 MILE
NET LENGTH IL 81 = 4,830.00 FT. = 0.915 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED April 6 20 26
Mike Thompson
REGIONAL ENGINEER

May 8 20 26
S. A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 20 26
J. Barry
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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DESIGNED - PATRICK PAUSER

REVISED - 5/20/2026

DRAWN - PATRICK PAUSER

REVISED -

PLOT SCALE = 1,0000 ' / in.

CHECKED - BRAD LANGE

REVISED -

PLOT DATE = 5/26/2026

DATE - 5/26/2026

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STATE OF ILLINOIS
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INDEX OF SHEETS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	2
CONTRACT NO. 64L94				
		ILLINOIS	FED. AID PROJECT	

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STATE OF ILLINOIS
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SUMMARY OF QUANTITIES			
SCALE	SHEET 1	OF 14 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	6
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004 URBAN	0004 URBAN	0004 RURAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	62	62		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	172	172		
20100500	TREE REMOVAL, ACRES	ACRE	0.25	0.25		
20200100	EARTH EXCAVATION	CU YD	32675	32065		610
20800150	TRENCH BACKFILL	CU YD	6142	4034	2108	
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	27038	26235		803
* 25000210	SEEDING, CLASS 2A	ACRE	1.08	0.93		0.15
* 25000310	SEEDING, CLASS 4	ACRE	0.340	0.32		0.02
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	502.720	487.8		14.92
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	502.720	487.8		14.92
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	502.720	487.8		14.92
** 25000750	MOWING	ACRE	1.08	0.93		0.15
* 25100630	EROSION CONTROL BLANKET	SQ YD	6884	6081		803
* 25100900	TURF REINFORCEMENT MAT	SQ YD	712	712		

* SPECIALTY ITEMS
** 100% STATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	7
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

				CONSTRUCTION CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004 URBAN	0004 URBAN	0004 RURAL
* 25200110	SODDING, SALT TOLERANT	SQ YD	20188	20188		
* 25200200	SUPPLEMENTAL WATERING	UNIT	66.1	66.1		
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	564	547.3		16.7
28000305	TEMPORARY DITCH CHECKS	FOOT	390	360		30
* 28000400	PERIMETER EROSION BARRIER	FOOT	4602	4602		
28000500	INLET AND PIPE PROTECTION	EACH	97	97		
28100107	STONE RIPRAP, CLASS A4	SQ YD	117	117		
28200200	FILTER FABRIC	SQ YD	117	117		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	14447	13728		719
30300118	AGGREGATE SUBGRADE IMPROVEMENT 18"	SQ YD	9643	9643		
30300124	AGGREGATE SUBGRADE IMPROVEMENT 24"	SQ YD	5156	5156		
30300130	AGGREGATE SUBGRADE IMPROVEMENT 30"	SQ YD	919	919		
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	576	576		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	788	788		

* SPECIALTY ITEMS
** 100% STATE

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				STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004 URBAN	0004 URBAN	0004 RURAL
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	456	235		221
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	868	724		144
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1		
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	1		
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	1		
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1	1		
50100700	REMOVAL OF EXISTING STRUCTURES NO. 5	EACH	1	1		
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1		
50105220	PIPE CULVERT REMOVAL	FOOT	174	174		
50200100	STRUCTURE EXCAVATION	CU YD	2454	2454		
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	32	32		
50300285	FORM LINER TEXTURED SURFACE	SQ FT	5730		5730	
50300300	PROTECTIVE COAT	SQ YD	326	326		
50500505	STUD SHEAR CONNECTORS	EACH	308	308		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64L94	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004 URBAN	0004 URBAN	0004 RURAL
50800105	REINFORCEMENT BARS	POUND	47462	47462		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	18836	18836		
50901760	PIPE HANDRAIL	FOOT	313	313		
52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	1084	1084		
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	4932	4932		
52200205	DRILLING AND SETTING SOLDIER PILES (IN ROCK)	CU FT	939	939		
52200250	UNTREATED TIMBER LAGGING	SQ FT	2212	2212		
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	656.7	656.7		
54003000	CONCRETE BOX CULVERTS	CU YD	41	41		
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	48	48		
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	125	125.0		
54260518	SLOPED METAL END SECTION, STANDARD 542411, 18", 1:6	EACH	2	2		
54261336	CONCRETE END SECTION, STANDARD 542001, 36", 1:3	EACH	1	1		
54261418	CONCRETE END SECTION, STANDARD 542001, 18", 1:4	EACH	1	1		

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DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	10
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004 URBAN	0004 URBAN	0004 RURAL
54261448	CONCRETE END SECTION, STANDARD 542001, 48", 1:4	EACH	1	1		
54262718	METAL FLARED END SECTIONS 18"	EACH	1	1		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	115	115		
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	34	34		
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	54	54		
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	68	68		
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	65	65		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	650	650		
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	546	546		
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1599	1599		
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	643	643		
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	141	141		
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	53	53		
550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	597	597		

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SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64L94	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004 URBAN	0004 URBAN	0004 RURAL
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	405	405		
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	80	80		
55100400	STORM SEWER REMOVAL 10"	FOOT	121	121		
55100500	STORM SEWER REMOVAL 12"	FOOT	443	443		
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	900	900		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	871	871		
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	2		2
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	11077	10667		410
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	2313	2313		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3		
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1		
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1	1		

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SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 14 SHEETS STA. TO STA.

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611	104R	HENRY	426	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64L94	

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				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004 URBAN	0004 URBAN	0004 RURAL
						1
60240303	INLETS, TYPE B, TYPE 9 FRAME AND GRATE	EACH	2	2		
60500040	REMOVING MANHOLES	EACH	6	5	1	
60500060	REMOVING INLETS	EACH	3	3		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	12	12		
60600605	CONCRETE CURB, TYPE B	FOOT	11	11		
60602800	CONCRETE GUTTER, TYPE B	FOOT	348	348		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3878	3878		
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	42	42		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	7707	7707		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	537.5	537.5		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2		
63200310	GUARDRAIL REMOVAL	FOOT	716	716		
63500105	DELINEATORS	EACH	4	4		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	382	382		

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	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 1.0000 ' / in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 4/6/2026	DATE - 4/6/2026	REVISED -

DESIGNED - PATRICK PAUSER	REVISED -
DRAWN - PATRICK PAUSER	REVISED -
CHECKED - BRAD LANGE	REVISED -
DATE - 4/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64L94	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004 URBAN	0004 URBAN	0004 RURAL
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	161	161		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	513	513		
89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1			1
* A2006420	TREE, QUERCUS ALBA (WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
* A2007720	TREE, TAXODIUM DISTICHUM SHAWNEE BRAVE (SHAWNEE BRAVE BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3		
* A2008453	TREE, ULMUS ACCOLADE (HYBRID ELM), 3" CALIPER, BALLED AND BURLAPPED	EACH	4	4		
* A2008750	TREE, ULMUS X PATRIOT (PATRIOT ELM), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4		
* A2012000	TREE, AESCULUS ARNOLDIANA (AUTUMN SPLENDOR HORSECHESTNUT), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6		
* A2012006	TREE, AESCULUS X CARNEA FORT MCNAIR (FORT MCNAIR RED HORSECHESTNUT), 6" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
* A2014916	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS HALKA (HALKA THORNLESS HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4		
* A3005210	TREE, ZELKOVA SERRATA, (JAPANESE ZELKOVA), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3		
* D2001578	EVERGREEN, JUNIPERUS VIRGINIANA (EASTERN RED CEDAR), 8' HEIGHT, BALLED AND BURLAPPED	EACH	4	4		
X0301339	REMOVE EXISTING PARKING BLOCKS	EACH	18	18		
X0327999	ANTI-GRAFFITI COATING	SQ FT	5730		5730	

* SPECIALTY ITEMS
** 100% STATE

MODEL: Default
FILE NAME: W:\20001032-00\MicroStation\CAD_Sheets\02_64L94-rit-500.dgn

IMEG 401 E. STATE ST. 4th Floor ROCKFORD, IL 61104 PH: 815.965.6400 www.imegcorp.com	USER NAME = Brad.S.Lange	DESIGNED - PATRICK PAUSER	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PATRICK PAUSER	REVISED -					611	104R	HENRY	426	16
	PLOT SCALE = 1.0000 ' / in.	CHECKED - BRAD LANGE	REVISED -		SCALE: SHEET 11 OF 14 SHEETS STA. TO STA.			CONTRACT NO. 64L94				
	PLOT DATE = 4/6/2026	DATE - 4/6/2026	REVISED -					ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004 URBAN	0004 URBAN	0004 RURAL
X2070302	POROUS GRANULAR EMBANKMENT (SPECIAL)	TON	45	45		
X2100104	GEOTECHNICAL REINFORCEMENT	SQ YD	4783	4783		
X4060310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (SPECIAL)	TON	1375	1375		
X4401196	HOT-MIX ASPHALT SURFACE REMOVAL- LONGITUDINAL JOINT	SQ YD	109	89		20
X4811410	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	64	64		
X5010523	REMOVE CONCRETE END SECTION	EACH	1	1		
X5030290	STAINING CONCRETE STRUCTURES	SQ FT	5730		5730	
X5091765	PIPE HANDRAIL (SPECIAL)	FOOT	35	35		
X5220102	RETAINING WALL REMOVAL	FOOT	714	714		
X5420201	DROP BOX NO.1	EACH	1	1		
X5420202	DROP BOX NO.2	EACH	1	1		
X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	2	2		
X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	1	1		
X6024210	DOUBLE INLET (SPECIAL)	EACH	1	1		

* SPECIALTY ITEMS
** 100% STATE

MODEL: Default
FILE NAME: W:\20001032-00\MicroStation\CAD Sheets\02_64L94-rit-500.dgn



401 E. STATE ST. 4th Floor
ROCKFORD, IL 61104
PH: 815.965.6400
www.imegcorp.com

USER NAME = Brad.S.Lange	DESIGNED - PATRICK PAUSER	REVISED -
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 1.0000 ' / in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 4/6/2026	DATE - 4/6/2026	REVISED -

DESIGNED - PATRICK PAUSER	REVISED -
DRAWN - PATRICK PAUSER	REVISED -
CHECKED - BRAD LANGE	REVISED -
DATE - 4/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 12 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	17
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

Model: Default
File Name: W:\20001032-00\MicroStation\CAD_Sheets\02_64L94-11t-500.dgn



401 E. STATE ST. 4th Floor
ROCKFORD, IL 61104
PH: 815.965.6400
www.imegcorp.com

USER NAME	= Brad.S.Lange
PLOT SCALE	= 1.0000 ' / in.
PLOT DATE	= 4/6/2026

DESIGNED	- PATRICK PAUSER
DRAWN	- PATRICK PAUSER
CHECKED	- BRAD LANGE
DATE	- 4/6/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64L94	

CONSTRUCTION CODE		
STBG	STBG	STP
80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
ROADWAY	ROADWAY	ROADWAY
0004	0004	0004
URBAN	URBAN	RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
X6024240	INLETS (SPECIAL)	EACH	21	21		
X6024246	INLETS, SPECIAL, NO. 3	EACH	17	17		
X6024250	INLETS, SPECIAL, NO. 5	EACH	27	27		
X6024502	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE	EACH	10	10		
X6640104	FENCE REMOVAL	FOOT	1554	1374		180
X6640560	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	49	49		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
X7240207	REMOVE EXISTING SIGN COMPLETE	EACH	40	40		
X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	3	2		1
X7820007	GUARDRAIL REFLECTORS, TYPE C (SPECIAL)	EACH	7	7		
X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1			1
Z0012450	CONCRETE STEPS	CU YD	32	32		
Z0012455	CONCRETE STEP REMOVAL	EACH	5	5		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		

* SPECIALTY ITEMS
** 100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004	0004	0004
				URBAN	URBAN	RURAL
51500100	NAME PLATES	EACH	1		1	
56100003	DUCTILE IRON WATER MAIN TEE, 4" X 4"	EACH	3		3	
56100005	DUCTILE IRON WATER MAIN TEE, 6" X 6"	EACH	10		10	
56100010	DUCTILE IRON WATER MAIN TEE, 8" X 4"	EACH	2		2	
56100015	DUCTILE IRON WATER MAIN TEE, 8" X 6"	EACH	10		10	
56100500	WATER MAIN 4"	FOOT	883		883	
56100600	WATER MAIN 6"	FOOT	1622		1622	
56100700	WATER MAIN 8"	FOOT	3751		3751	
56101150	DUCTILE IRON WATER MAIN REDUCER, 8" X 6"	EACH	2		2	
56109396	DUCTILE IRON WATER MAIN FITTINGS 4" 11.25 DEGREE BEND	EACH	1		1	
56109398	DUCTILE IRON WATER MAIN FITTINGS 6" 11.25 DEGREE BEND	EACH	2		2	
56109407	DUCTILE IRON WATER MAIN FITTINGS, 6" 22.5 DEGREE BEND	EACH	1		1	
56109416	DUCTILE IRON WATER MAIN FITTINGS 4" 45.00 DEGREE BEND	EACH	6		6	
56109418	DUCTILE IRON WATER MAIN FITTINGS 6" 45.00 DEGREE BEND	EACH	32		32	
56109420	DUCTILE IRON WATER MAIN FITTINGS 8" 45.00 DEGREE BEND	EACH	32		32	

* SPECIALTY ITEMS
** 100% STATE

MODEL Default
FILE Name: W:\2000\0332.00\MicroStation\CAD_Sheets\02_64L94-rht-500.dgn



401 E. STATE ST. 4th Floor
ROCKFORD, IL 61104
PH: 815.965.6400
www.imegcorp.com

USER NAME	= Brad.S.Lange
PLOT SCALE	= 1.0000 ' / in.
PLOT DATE	= 5/28/2026

DESIGNED -	PATRICK PAUSER
DRAWN -	PATRICK PAUSER
CHECKED -	BRAD LANGE
DATE -	5/28/2026

REVISED -	5/20/2026
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 15 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		HENRY	426	19A
CONTRACT NO. 64L94				
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004	0004	0004
				URBAN	URBAN	RURAL
56109434	DUCTILE IRON WATER MAIN FITTINGS 8" 90.00 DEGREE BEND	EACH	1		1	
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	5		5	
56400710	FIRE HYDRANT AND VALVE (SPECIAL)	EACH	5		5	
61000050	CONCRETE THRUST BLOCKS	EACH	97		97	
X0328635	SANITARY SERVICE CONNECTION (SHORT)	EACH	2		2	
X1200198	SANITARY SEWERS, PVC, 8"	FOOT	238		238	
X1200246	WATERMAIN CASING PIPE	FOOT	1078		1078	
X1200317	SANITARY SEWER REMOVAL	FOOT	245		245	
X5610012	CAP EXISTING WATER MAIN	EACH	5		5	
X5610700	WATER MAIN REMOVAL	FOOT	2459		2459	
X5610704	WATER MAIN REMOVAL, 4"	FOOT	875		875	
X5610706	WATER MAIN REMOVAL, 6"	FOOT	2550		2550	
X5610804	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	6		6	
X5610806	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	1		1	

* SPECIALTY ITEMS
** 100% STATE

Model Default
FILE Name: W:\2000\0332.00\MicroStation\CAD_Sheets\02_64L94-rht-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STBG	STBG	STP
				80% FEDERAL 20% STATE	100% LOCAL	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0004	0004	0004
				URBAN	URBAN	RURAL
X5620030	WATER SERVICE CONNECTION 1"	EACH	44		44	
X5620126	WATER SERVICE LINE (SPECIAL)	FOOT	162		162	
X5630405	REMOVE EXISTING WATER VALVE	EACH	19		19	
X5640150	FIRE HYDRANT ASSEMBLY COMPLETE	EACH	15		15	
X6020133	DROP MANHOLE CONNECTION	EACH	3		3	
X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	2		2	
X6026055	SANITARY MANHOLE (SPECIAL)	EACH	3		3	
X6026608	GATE VALVE, 4" WITH VAULT BOX	EACH	3		3	
X6026616	GATE VALVE, 8" WITH VAULT BOX	EACH	10		10	
X6026617	GATE VALVE, 6" WITH VAULT BOX	EACH	9		9	
Z0056652	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	FOOT	94		94	
Z0056668	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	35		35	
Z0056669	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15"	FOOT	237		237	
Z0056670	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18"	FOOT	38		38	

* SPECIALTY ITEMS
** 100% STATE

MODEL Default
FILE Name: W:\2000\0332.00\MicroStation\CAD_Sheets\02_64L94-rht-500.dgn

MODEL: Drainage Structures1 [Sheet]
FILE NAME: W:\2000\1032\00\MicroStation\CAD_Sheets\02_64L94-sh-schedule.dgn

DRAINAGE STRUCTURE SCHEDULE																			
				54260315	60218400	60221100	60223700	6022446	60240215	60240303	X5420201	X5420202	X6022230	X6023508	X6024210	X6024240	X6024246	X6024250	X6024502
				TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE B, TYPE 9 FRAME AND GRATE	DROP BOX NO. 1	DROP BOX NO. 2	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	DOUBLE INLET (SPECIAL)	INLETS (SPECIAL)	INLETS, SPECIAL, NO. 3	INLETS, SPECIAL, NO. 5	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE
LOCATION				REMARKS	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STATION	TO	STATION	SIDE																
IL 81 - URBAN																			
1306+86.15			26.45 LT	S-101-1	12.8				1										
1306+98.00			55.2' RT	S-101															
1307+32.13			34.47 LT	S-104															1
1307+45.91			16.83 LT	S-103															
1308+73.29			15.58' RT	S-105													1		
1308+76.06			38.01 LT	S-105-1															1
1309+85.69			17.83 LT	S-106			1												
1310+76.02			35.72 LT	S-109															1
1310+86.23			15.58' RT	S-107															
1310+95.00			15.58 LT	S-108													1		
1312+00.07			15.58' RT	S-112													1		
1312+00.00			15.58 LT	S-113														1	
1312+20.00			15.58' RT	S-114						1									
1313+91.28			15.58' RT	S-115													1		
1314+33.08			38.63 LT	S-117													1		
1314+49.69			42.20 LT	S-117-1														1	
1316+37.99			15.58' RT	S-120												1			
1316+38.58			15.58 LT	S-121														1	
1316+39.04			35.17 LT	S-122															1
1318+24.23			15.58' RT	S-221												1			
1318+24.94			15.58 LT	S-220														1	
1319+58.00			15.58' RT	S-217-1												1			
1320+39.00			8.00' RT	S-217			1												
1320+60.06			15.58 LT	S-216														1	
1320+66.00			35.08 LT	S-216-1															1
1321+39.28			15.58' RT	S-214												1			
1321+40.00			15.58 LT	S-213														1	
1321+40.39			35.19 LT	S-215															1
1322+13.17			15.14 LT	S-210			1												
1323+24.55			15.58' RT	S-207-1												1			
1323+62.00			8.0' RT	S-207			1												
1323+62.00			15.58 LT	S-206													1		
1323+69.89			15.50 LT	S-205													1		
1324+70.00			15.58' RT	S-203												1			
1324+85.00			15.50 LT	S-201													1		
1324+85.14			28.14' RT	S-202														1	
1324+96.50			46.5' LT	S-200	47.8														
1324+99.54			28.14' RT	S-204			1												
1325+30.00			15.50 LT	S-230													1		
1326+50.00			15.58' RT	S-232												1			
1326+50.07			15.58 LT	S-231													1		
1327+22.20			13.11 LT	S-233			1												
1329+12.52			35.50 LT	S-306															1
1329+57.62			35.50 LT	S-305															1
1330+50.00			15.58' RT	S-304												1			
1330+50.05			15.58 LT	S-303													1		
1332+40.00			15.58 LT	S-302													1		
1332+40.93			13.00' RT	S-313 W/DW F& G												1			
1332+47.70			LT	Drop Box 1	34.5						1								
1332+47.70			RT	Drop Box 2	17							1							
1332+52.60			13.00' RT	S-314 W/DW F & G												1			
1332+52.69			15.58 LT	S-307													1		
1333+50.54			17.86' lt	S-308										1					
1333+50.63			35.26 LT	S-311										1					
1334+40.00			15.58' RT	S-309-1												1			
1334+75.85			34.54 LT	S-312															1
1336+42.00			17.58 LT	S-402-1			1												
1336+42.00			15.58' RT	S-402-2												1			
1337+07.40			15.58 LT	S-402														1	
1339+40.00			15.58' RT	S-408											1				
1339+40.02			15.58 LT	S-401														1	
1339+70.00			15.58 LT	S-405														1	
1339+70.00			15.58' RT	S-409												1			
1342+00.00			15.58 LT	S-406														1	
1342+06.00			15.58' RT	S-407												1			
1343+85.41			48.28 LT	S-501	12.9														
URBAN SUB TOTAL					125.0	4	2	1	1	0	1	1	2	0	1	14	-16 -15	-10 -11	9

NOTE: STRUCTURE S-108-2 IS IN CLOSE PROXIMITY TO THE SOLDIER PILE WALL AND THE PROPOSED ROW. ALTERNATE OPTIONS TO PROPERLY BACKFILL AROUND SAID STRUCTURE NEED TO BE CONSIDERED, INCLUDING THE USE OF FLOWABLE FILL, AT NO ADDITIONAL COST TO THE OWNER.



USER NAME = Brad.S.Lange	DESIGNED - PATRICK PAUSER	REVISED - 5/20/2026
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 0.08333317 ' / in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 5/31/2026	DATE - 5/31/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 11 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	41
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

MODEL: Drainage Structures2 [Sheet]
FILE NAME: W:\2000\1032\00\MicroStation\CAD_Sheets\02_64L94-rht-schedule.dgn

DRAINAGE STRUCTURE SCHEDULE																				
LOCATION				REMARKS	54260315	60218400	60221100	60223700	6022446	60240215	60240303	X5420201	X5420202	X6022230	X6023508	X6024210	X6024240	X6024246	X6024250	X6024502
					TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE B, TYPE 9 FRAME AND GRATE	DROP BOX NO. 1	DROP BOX NO. 2	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	DOUBLE INLET (SPECIAL)	INLETS (SPECIAL)	INLETS, SPECIAL, NO. 3	INLETS, SPECIAL, NO. 5	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE
STATION	TO	STATION	SIDE		FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
UNION ST																				
5600+31.88			22.29' RT	S-102													1	1	1	1
JACKSON ST																				
5700+41.38			17.02 LT	S-110																
5700+56.00			15.58' RT	S-111 W/DW F & G													1			
5701+98.00			20.00 LT	S-110-1		1														
5703+90.56			16.86 LT	S-110-2						1										
N ADAMS ST																				
5800+38.29			21.82 LT	S-116			1													
5800+56.71			15.58 LT	S-118															1	
5802+10.00			23.75 LT	S-119																1
LINCOLN ST																				
5900+42.61			15.58 LT	S-124													1			
5900+42.78			15.68' RT	S-123															1	
N WASHINGTON ST																				
6099+42.07			15.58 LT	S-219															1	
6099+42.07			15.58 LT	S-218															1	
N WEST ST (N)																				
6200+45.27			16.90' RT	S-211															1	
6200+54.86			15.58 LT	S-212															1	
PERKINS ST																				
6299+41.94			15.58 LT	S-208															1	
6299+58.11			16.83' RT	S-209													1			
RICE ST (S)																				
6399+45.69			15.58' RT	S-235															1	
6399+56.31			17.12 LT	S-324													1			
RICE ST (N)																				
100+40.00			17.21 LT	S-236															1	
100+40.00			18.81' RT	S-237													1			
101+00.00			21.26' RT	S-238											1					
ROSS ST																				
6499+49.94			15.58' RT	S-310															1	
6499+65.00			20.23 LT	S-309														1		
N GROVE ST																				
6599+43.43			15.58 LT	S-404															1	
6599+53.43			16.07' RT	S-403															1	
IL 81 - URBAN																				
1311+26.00			15.58 LT	S-108-1													1			
1311+26.00			38.00 LT	S-108-2							1									
1314+71.00			15.58 LT	S-117-2															1	
1325+30.00			15.58' RT	S-230-1													1			
1332+10.00			15.58 LT	S-302-1														1		
1338+30.00			15.58 LT	S-401-1																
URBAN SUB TOTAL					0	1	1	0	0	1	0-1	0	0	0	1	0	6-7	1-2	13-16	1
TOTAL					125	5	3	1	1	1	1-2	1	1	2	1	1	20-21	17	23-27	10

DRAINAGE END SECTION ITEM SCHEDULE									
					5426518	54261336	54261418	54261448	54262718
					SLOPED METAL END SECTION, STANDARD 542411, 18", 1:6	CONCRETE END SECTION, STANDARD 542001, 36", 1:3	CONCRETE END SECTION, STANDARD 542001, 18", 1:4	CONCRETE END SECTION STANDARD 542001, 48", 1:4	METAL FLARED END SECTIONS 18"
LOCATION			REMARKS	EACH	EACH	EACH	EACH	EACH	
STATION	TO	STATION							SIDE
IL 81 - URBAN									
1302+99.30			35.5' LT	S-01	1				
1303+47.30			35.5' LT	S-02	1				
1306+98.00			55.2' RT	S-101		1			
1324+96.52			46.46 LT	S-200			1		
1343+85.41			48.28 LT	S-501			1		
JACKSON ST									
5704+18.36			17.09' RT	S-110-3				1	
				URBAN TOTAL	2	1	1	1	

WATER MAIN QUALITY DRAINAGE PIPE ITEM SCHEDULE									
					Z0056652	Z0056668	Z0056669	Z0056670	
					STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	STORM SEWER TYPE 2, WATER MAIN QUALITY PIPE, 15"	STORM SEWER TYPE 2, WATER MAIN QUALITY PIPE, 18"	
LOCATION				REMARKS	FOOT	FOOT	FOOT	FOOT	
STATION	TO	STATION	SIDE						
IL 81 - URBAN									
1320+60.06	-	1320+66.00	LT	S-216 - S-216-1		17			
1321+40.00	-	1321+40.39	LT	S-213 - S-215		18			
1325+30.00			LT/RT	S-230-1 - S-230			29		
1329+12.52	-	1329+57.62	LT	S-306 - S-305			45		
1329+57.62	-	1330+50.05	LT	S-305 - S-303	94				
1333+50.54	-	1333+50.63	LT/RT	S-308 - S-311			14		
N ADAMS ST									
5800+38.29	-	5800+56.71	LT	S-116 - S-118				14	
5800+56.71	-	5802+10.00	LT	S-118 - S-119			149		
N WEST ST (N)									
6200+45.27	-	1322+13.17	LT	S-211 - S-210				24	
					URBAN SUB TOTAL	94	35	237	38
					TOTAL	94	35	237	38



401 E. STATE ST, 4th Floor
ROCKFORD, IL 61104
Ph: 815.985.6400
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USER NAME = Brad.S.Lange	DESIGNED - PATRICK PAUSER	REVISED -  5/20/2026
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 0.08333317' / in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 5/31/2026	DATE - 5/31/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 12 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	42
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

MODEL: Drainage_Rfnc1 [Sheet]
FILE NAME: W:\2000\01032_00\MicroStation\CAD_Sheets\02_64L94-rht-schedule.dgn

DRAINAGE PIPE ITEM SCHEDULE																																										
					542D0223	550A0050	550A0090	550A0140	550A0160	550A0190	550A0340	550A0360	550A0380	550A0410	550A0430	550A0450	550A0680	550A0710	550A0750	60100060	60108204	60146304																				
					PIPE CULVERTS, CLASS D, TYPE 1, 18"	STORM SEWERS, CLASS A, TYPE 1, 12"	STORM SEWERS, CLASS A, TYPE 1, 18"	STORM SEWERS, CLASS A, TYPE 1, 30"	STORM SEWERS, CLASS A, TYPE 1, 36"	STORM SEWERS, CLASS A, TYPE 1, 48"	STORM SEWERS, CLASS A, TYPE 2, 12"	STORM SEWER CLASS A, TYPE 2, 15"	STORM SEWER CLASS A, TYPE 2, 18"	STORM SEWER CLASS A, TYPE 2, 24"	STORM SEWERS, CLASS A, TYPE 2, 30"	STORM SEWERS, CLASS A, TYPE 2, 36"	STORM SEWERS, CLASS A, TYPE 3, 18"	STORM SEWERS, CLASS A, TYPE 3, 24"	STORM SEWERS, CLASS A, TYPE 3, 36"	CONCRETE HEADWALL FOR PIPE DRAINS	PIPE UNDERDRAINS TYPE 2, 4"	PIPE UNDERDRAINS FOR STRUCTURES, 4"																				
LOCATION					REMARKS	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	FOOT																			
IL 81 - RURAL																																										228
1296+00.00				LT/RT																	2	50																				
1269+00.00	-	1297+80.00																				360																				
IL 81 - URBAN																																										
1297+80.00	-	1344+30.00																																								
1301+00.00			LT/RT																																							
1301+00.00			LT																																							
1302+99.30			35.5' LT		S-01															1																						
1302+99.30	-	1303+47.30	LT		S-01 - S-02	48																																				
1303+47.30			35.5' LT		S-02																																					
1306+00.00			LT/RT																																							
1306+00.00			LT																	1	50																					
1306+86.15	-	1307+45.91	LT		S-101-1 - S-103											53																										
1306+86.15	-	1306+98.00	LT/RT		S-101-1 - S-101													80																								
1306+86.15	-	5600+31.88	LT		S-101-1 - S-102							8																														
1306+98.00			55.2' RT		S-101																																					
1307+32.13	-	1307+45.91	LT		S-104 - S-103						20																															
1307+45.91	-	1308+73.29	LT		S-103 - S-105										119																											
1308+73.29	-	1308+76.06	LT		S-105 - S-105-1							17																														
1308+73.29	-	1310+85.69	LT		S-105 - S-106										108																											
1309+85.69	-	1310+95.00	LT		S-106 - S-108										104																											
1310+76.02	-	1310+95.00	LT		S-109 - S-108						27																															
1310+80.00	-	5800+94.20	LT																			1183																				
1310+86.23	-	1310+95.00	LT/RT		S-107 - S-108										33																											
1310+86.23	-	1312+00.07	RT		S-107 - S-112										109																											
1312+00.00	-	1312+20.00	LT		S-113 - S-114							24	34																													
1312+00.07	-	1312+00.00	LT/RT		S-112 - S-113							28	31																													
1312+00.07	-	1313+91.28	RT		S-112 - S-115													186																								
1313+91.28	-	1313+92.05	LT/RT		S-115 - S-116																																					
1313+91.28	-	5800+38.29	LT/RT		S-115 - S-116										53																											
1313+91.28	-	1316+37.99	RT		S-115 - S-120										243																											
1314+33.08	-	1314+49.69	LT		S-117 - S-117-1							11																														
1314+33.08	-	1314+70.00	LT		S-117 - S-117-2						40																															
1316+37.99	-	1316+38.58	LT/RT		S-120 - S-121								31																													
1316+38.58	-	1316+39.04	LT		S-121 - S-122										18																											
1318+24.23	-	1318+27.97	LT/RT		S-221 - S-220						31	228																														
1318+24.97	-	1320+60.06	LT		S-220 - S-216							226																														
1319+58.00	-	1320+39.00	RT		S-217-1 - S-217						78																															
1320+39.00	-	1320+60.06	LT/RT		S-217 - S-216								27																													
1320+60.06	-	1320+66.00	LT		S-216 - S-216-1						17																															
1320+60.06	-	1321+40.00	LT		S-216 - S-1213								78																													
1321+39.28	-	1321+40.00	LT/RT		S-214 - S-213						31																															
1321+40.00	-	1322+13.17	LT		S-213 - S-210										69																											
1322+13.17	-	1323+62.00	LT		S-210 - S-206										144																											
1323+24.55	-	1323+62.00	RT		S-207-1 - S-207						35																															
1323+33.37	-	1323+36.04	LT/RT		S-207 - S-203																																					
1323+62.00	-	1324+69.89	LT		S-206 - S-205										102																											
1323+69.89	-	1324+85.00	LT		S-205 - S-201			15																																		
1324+70.00	-	1324+85.14	RT		S-203 - S-202						15																															
1324+85.00	-	1324+85.14	LT/RT		S-201 - S-202																	28																				
1324+85.00	-	1324+96.52	LT		S-201 - S-200					34																																
1324+85.00	-	1325+30.00	LT		S-201 - S-230			39																																		
1324+85.14	-	1324+99.54	RT		S-202 - S-204						18																															
1324+96.52	-		46.46 LT		S-200																																					
1325+30.00	-	1326+50.07	LT		S-230 - S-231										114																											
1325+90.00	-	1327+00.53	LT		RET WALL NO. 6																	210																				
1326+50.00	-	1326+50.07	LT/RT		S-232 - S-231										29																											
1326+50.07	-	1327+22.20	LT		S-231 - S-233											67																										
1329+12.52	-	1329+57.62	LT		S-306 - S-305																																					
1329+57.62	-	1330+50.05	LT		S-305 - S-303																																					
1330+50.00	-	1330+50.05	LT/RT		S-304 - S-303																																					
1330+50.05	-	1332+10.00	LT		S-303 - S-302																																					
1332+10.00	-		LT/RT																																							
1332+40.93	-	1332+40.00	LT/RT		S-313 - S-302										30							28																				
1332+40.67	-	1332+47.70	LT		EX MH - DROPBOX 1										5																											
1332+40.00	-	1332+40.67	LT		S-302 - EX MH																																					
1332+40.00	-	1332+52.69	LT		S-302 - S-307										9		22																									
1332+47.70	-	1334+47.70	LT/RT		DROPBOX 1 - DROPBOX 2			68																																		
1332+52.60	-	133																																								



401 E. STATE ST, 4th Floor
ROCKFORD, IL 61104
Ph: 815.985.6400
www.imegcorp.com

USER NAME	= Brad.S.Lange
DESIGNED	- PATRICK PAUSER
DRAWN	- PATRICK PAUSER
CHECKED	- BRAD LANGE
DATE	- 5/31/2026

REVISED	- 1 5/20/2026
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 13 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	43
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

MODEL: Drainage_Rtrn2 [Sheet]
FILE NAME: W:\2000\1032\03\MicroStation\CAD_Sheets\ID2_64194-rhs-schedule.dgn

DRAINAGE PIPE ITEM SCHEDULE																										
								542D0223	550A0050	550A0090	550A0140	550A0160	550A0190	550A0340	550A0360	550A0380	550A0410	550A0430	550A0450	550A0680	550A0710	550A0750	60100060	60108204	60146304	
								PIPE CULVERTS, CLASS D, TYPE 1, 18"	STORM SEWERS, CLASS A, 12"	STORM SEWERS, CLASS A, 18"	STORM SEWERS, CLASS A, 30"	STORM SEWERS, CLASS A, 36"	STORM SEWERS, CLASS A, 48"	STORM SEWERS, CLASS A, 12"	STORM SEWER CLASS A, TYPE 2, 15"	STORM SEWER CLASS A, TYPE 2, 18"	STORM SEWER CLASS A, TYPE 2, 24"	STORM SEWERS, CLASS A, TYPE 2, 30"	STORM SEWERS, CLASS A, TYPE 2, 36"	STORM SEWERS, CLASS A, TYPE 3, 18"	STORM SEWERS, CLASS A, TYPE 3, 24"	STORM SEWERS, CLASS A, TYPE 3, 36"	CONCRETE HEADWALL FOR PIPE DRAINS	PIPE UNDERDRAINS TYPE 2, 4"	PIPE UNDERDRAINS FOR STRUCTURES, 4"	
LOCATION								REMARKS	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	FOOT	
IL 81 - URBAN																										
1337+07.40 - 1339+40.02 LT S-402 - S-401																227										
1339+40.00 - 1339+40.02 LT/RT S-408 - S-401														30												
1339+40.02 - 1339+63.76 LT S-401 - BOX CULVERT																				34						
1339+40.02 - 1339+70.00 LT S-401 - S-405																			30							
1339+50.00 LT/RT																							28			
1339+70.00 LT/RT S-409 - S-405														30												
1339+70.00 - 1339+42.00 LT S-405 - S-406																		225								
1340+95.00 - 1343+51.58 RT RET WALL NO. 10																								396		
1342+00.00 - 1342+06.00 LT/RT S-406 - S-407													30													
1343+85.14 - 1344+15.75 LT S-501 - EX MH										34																
1343+85.41 48.28 LT S-501																										
JACKSON ST																										
5704+18.36 17.09' RT S-110-2																										
5700+56.00 - 5700+41.38 LT/RT S-111 - S-110																33										
5700+41.38 - 1309+85.69 LT S-110 - S-106																37										
5700+41.38 - 5701+98.00 LT S-110 - S-110-1																			152							
5701+98.00 - 5703+90.56 LT S-110-1 - S-110-2																		190								
N ADAMS ST																										
5800+35.47 - 5801+85.02 RT RET WALL NO. 2																								158		
5800+36.29 - 5800+56.71 LT S-116 - S-118																										
5800+56.71 - 5802+10.00 LT S-118 - S-119																										
5800+56.71 - 1314+33.08 LT/RT S-116 - S-117																										
5800+94.04 - 5801+26.55 LT RET WALL NO. 1																								116		
LINCOLN ST																										
5900+42.61 - 5900+42.78 LT/RT S-124 - S-123																	29									
5900+42.78 - 1316+38.58 RT S-123 - S-121																	35									
N WEST ST (S)																										
6099+42.07 LT/RT S-219 - S-218															31											
6099+42.07 - 1320+39.00 RT S-218 - S-217														31												
N WEST ST (N)																										
6200+33.36 - 6201+33.60 LT RET WALL NO. 3																								143		
6200+45.27 - 1322+13.17 LT S-211 - S-210																										
6200+54.86 - 6200+45.27 LT/RT S-215 - S-211														34												
PERKINS ST																										
6297+75.99 - 6298+11.97 LT RET WALL NO. 4																								176		
6299+41.94 - 1323+62.00 LT S-208 - S-207																	45									
6299+41.94 - 6299+58.11 LT/RT S-290 - S-208																35										
6299+54.54 - 6299+78.92 RT RET WALL NO. 5																							70			
RICE ST (N)																										
100+40.00 LT/RT S-236 - S-237															35											
100+40.00 - 101+00.00 RT S-237 - S-238									65																	
100+40.00 - 1327+22.00 LT S-236 - S-233																	18									
RICE ST (S)																										
6398+71.42 - 1328+86.66 RT RET WALL NO. 7																								236		
6399+45.69 - 6399+56.31 LT/RT S-235 - S-234																	34									
6399+56.31 - 1327+22.20 LT S-234 - S-233																	55									
ROSS ST																										
6499+49.94 - 6499+50.00 LT/RT S-310 - S-309																	40									
6499+65.00 - 1333+50.54 LT/RT S-309 - S-308																	50									
6499+65.00 - 1334+40.00 RT S-309 - S-313													88													
N GROVE ST																										
6598+86.08 - 1338+33.60 RT RET WALL NO. 9																								310		
6599+53.43 - 6599+53.43 LT/RT S-404 - S-403																	32									
6599+53.43 - 1337+07.40 LT/RT S-403 - S-402																	60									
IL 81 - URBAN																										
1310+26.00 LT S-108-1 - S-108-2									23																	
1310+76.02 - 5800+94.17 LT SOLDIER PILE WALL																								397		
1310+86.23 - 1310+95.00 LT/RT S-107 - S-108									27																	
1330+50.05 - 1332+10.00 LT S-303 - S-302-1																				154						
1332+10.00 - 1332+40.00 LT S-302-1 - S-302																				31						
1337+07.40 - 1339+10.00 LT S-402 - S-401-1																										
1339+10.00 - 1339+40.02 LT S-401-1 - S-401																										
RURAL SUB TOTAL								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
URBAN SUB TOTAL								0	115-65	34	0	0	0	118	230-379	731-768	0	0	0	597	219-34	0	0	0	28	2,002-1,605
TOTAL								48	115-62	34-128	54	68	65	650-671	546-749	1,594-1,636	643	141	53	597	405-408	80	4	11,077	2,313-1,916	

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401 E. STATE ST, 4th Floor
ROCKFORD, IL 61104
Ph: 815.985.6400
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USER NAME = Brad.S.Lange
PLOT SCALE = 0.08333317 ' / in.
PLOT DATE = 5/31/2026

DESIGNED - PATRICK PAUSER
DRAWN - PATRICK PAUSER
CHECKED - BRAD LANGE
DATE - 5/31/2026

REVISED - 1 5/20/2026
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 14 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	44
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

MODEL: Seeding Erosion1 (Sheet)
FILE NAME: W:\2006\1032\004\rcsStation\CAD_Sheets\02_64L94-ehs-schedule.dgn

SEEDING / EROSION CONTROL SCHEDULE																			
					21101615	25000210	25000310	25000400	25000500	25000600	25000750	25100630	25100900	25200110	25200200	28000250	28000305	28000400	28000500
					TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	SEEDING, CLASS 4	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MOWING	EROSION CONTROL BLANKET	TURF REINFORCEMENT MAT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
LOCATION					REMARKS														
STATION	TO	STATION	SIDE		SQ YD	ACRE	ACRE	POUND	POUNT	POUND	ACRE	SQ YD	SQ YD	SQ YD	UNIT	POUND	FOOT	FOOT	EACH
IL 81 - RURAL																			
1296+00.0	-	1297+80.00	RT		369	0.08		6.86	6.86	6.86	0.08	369				7.7			
1296+00.0		1296+70.00	RT															117	
1296+00.0	-	1297+80.00	LT		434	0.07	0.02	8.06	8.06	8.06	0.07	434				9			
1297+00.0			LT														10		
1297+50.0			LT														10		
1297+50.0			RT														10		
IL 81 - URBAN																			
1297+80.0	-	1299+30.00	RT		247	0.05		4.6	4.6	4.6	0.05	253				5.2			
1297+80.0	-	1303+09.00	LT		1581	0.2	0.12	29.4	29.4	29.4	0.2	1581				32.7			
1298+00.0			LT														10		
1298+00.0			RT														10		
1298+50.0			LT														10		
1298+50.0			RT														10		
1299+00.0			LT														10		
1299+00.0			RT														10		
1299+50.0			LT														10		
1299+60.0	-	1310+30.0	RT		2,360	0.49		43.89	43.89	43.89	0.49	2,360				48.8			
1299+60.0	-	1305+18.9	RT															560	
1300+00.0			LT														10		
1300+50.0			LT														10		
1301+00.0			LT														10		
1301+50.0			LT														10		
1302+00.0			LT														10		
1302+50.0			LT														10		
1303+36.0	-	1306+44.0	LT		1859	0.19	0.2	34.57	34.57	34.57	0.19	1859				38.5			
1303+47.3			35.5' LT	S-02															1
1304+00.0			LT														10		
1304+25.0			LT														10		
1304+50.0			LT														10		
1304+50.0	-	1305+52.2	RT										144						
1304+75.0			LT														10		
1305+00.0			LT														10		
1305+25.0			LT														10		
1305+26.1	-	1305+99.2	RT										545						
1305+28.1	-	1306+97.1	RT															276	
1305+50.0			LT														10		
1305+75.0			LT														10		
1306+00.0			LT														10		
1306+94.0	-	1308+34.0	LT		1158			21.53	21.53	21.53				1158	3.5	24			
1306+86.2		26.45' LT	S101-1																1
1307+19.1	-	1310+40.0	RT															440	
1307+32.1		34.47' LT	S-104																1
1307+45.9		16.83' LT	S-103																1
1307+50.0			LT																
1308+50.0	-	1310+26.0	LT		1123			20.88	20.88	20.88				1123	3.4	23.3	10		
1308+73.3		15.58' RT	S-105																1
1308+76.1		38.01' LT	S-105-1																1
1308+79.5	-	1309+05.3	LT									11	1						
1309+00.0			LT														10		
1309+85.7		17.83' LT	S-106																1
1310+16.0	-	1310+30.0	RT		10			0.18	0.18	0.18				10	1.4	9			
1310+49.0	-	1312+48.0	RT		434			8.07	8.07	8.07				434	2.4	16.5			
1310+52.0	-	1314+02.0	LT		796			14.8	14.8	14.8				796	0.1	0.3			
1310+76.0		35.72' LT	S-109																1
1310+80.0	-	1311+05.0	LT									6	1						
1310+86.2		15.58' RT	S-107																1
1310+95.0		15.58' LT	S-108																1
1312+00.1		15.58' RT	S-112																1
1312+13.9		15.58' LT	S-113																1
1312+22.0		15.58' LT	S-114																1
1312+69.0	-	1312+73.0	RT		27			0.51	0.51	0.51				27	0.1	0.6			
1312+94.0	-	1313+16.0	RT		14			0.27	0.27	0.27				14	0.1	0.3			
1313+40.0	-	1314+76.0	RT		151			2.81	2.81	2.81				151	0.5	3.2			
1313+91.3		15.58' RT	S-115																1
1314+28.0	-	1315+99.0	LT		365			6.79	6.79	6.79				365	1.1	7.6			
1314+33.1		38.63' LT	S-117																1
1314+49.7		42.20' LT	S-117-1																1
1314+76.0		15.58' LT	S-117-2																1
1315+11.0	-	1316+98.0	RT		222			4.13	4.13	4.13				222	0.7	4.6			
1316+08.0	-	1317+58.0	LT		216			4.01	4.01	4.01				216	0.7	4.5			
1316+38.0		15.58' RT	S-120																1
1316+38.6		15.58' LT	S-121																1
1316+39.0		35.17' LT	S-122																1
1316+50.0			LT														10		
RURAL SUB TOTAL					803	0.15	0.02	14.92	14.92	14.92	0.15	803	0	0	0	16.7	30	117	0
URBAN SUB TOTAL					10,563	0.93	0.32	196.44	196.44	196.44	0.93	8,070.653	689	4,516	14	219.1	250	1,276	16.20



401 E. STATE ST, 4th Floor
ROCKFORD, IL 61104

Ph: 815.985.6400
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USER NAME = Brad.S.Lange	DESIGNED - PATRICK PAUSER	REVISED - 1 5/20/2026
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 0.08333317 ' / in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 5/31/2026	DATE - 5/31/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 15 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	45
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

SEEDING / EROSION CONTROL SCHEDULE																			
					21101615	25000210	25000310	25000400	25000500	25000600	25000750	25100630	25100900	25200110	25200200	28000250	28000305	28000400	28000500
					TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	SEEDING, CLASS 4	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MOWING	EROSION CONTROL BLANKET	TURF REINFORCEMENT MAT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
LOCATION																			
STATION	TO	STATION	SIDE	REMARKS	SQ YD	ACRE	ACRE	POUND	POUNT	POUND	ACRE	SQ YD	SQ YD	SQ YD	UNIT	POUND	FOOT	FOOT	EACH
IL 81 - URBAN																			
1317+33.0	-	1318+41.0	LT		73			1.36	1.36	1.36				73	0.5	3			
1317+84.0	-	1319+09.0	RT		144			2.68	2.68	2.68				144	0.3	1.6			
1318+24.2			15.58' RT	S-221															1
1318+25.0			15.58' LT	S-220															1
1318+54.0	-	1319+41.0	LT		109			2.03	2.03	2.03				109	0.4	2.3			
1319+21.0	-	1320+01.0	RT		165			3.07	3.07	3.07				165	0.5	3.5			
1319+53.0	-	1320+08.0	LT		66			1.23	1.23	1.23				66	0.2	1.4			
1319+58.0			15.58' RT	S-217-1															1
1320+27.0	-	1321+60.0	RT		300			5.57	5.57	5.57				300	0.9	6.2			
1320+30.0	-	1320+75.0	LT		67			1.25	1.25	1.25				67	0.3	1.4			
1320+39.0			8.00' RT	S-217															1
1320+60.1			15.58' LT	S-216															1
1320+66.0			35.08' LT	S-216-1															1
1320+97.0	-	1321+81.0	LT		214			3.98	3.98	3.98				214	0.7	4.5			
1321+39.3			15.58' RT	S-214															1
1321+40.0			15.58' LT	S-213															1
1321+40.4			35.19' LT	S-215															1
1322+03.0	-	1323+67.0	RT		429			7.98	7.98	7.98				429	1.3	8.9			
1322+04.0	-	1323+39.7	RT															139	
1322+07.0	-	1324+09.0	LT		878			16.34	16.34	16.34				878	2.7	18.2			
1322+13.2			15.14' LT	S-210															1
1322+50.0			LT														10		
1322+56.4	-	1333+16.7	LT															81	
1323+00.0			LT														10		
1323+24.6			15.58' RT	S-207-1															1
1323+50.0			LT														10		
1323+62.0			15.58' LT	S-206															1
1323+62.0			8.00' RT	S-207															1
1323+93.0	-	1325+52.0	RT		140			2.6	2.6	2.6				140	0.5	2.9			
1324+21.0	-	1325+46.0	LT		451			8.38	8.38	8.38				451	1.4	9.4			
1324+50.0			LT														10		
1324+69.9			15.58' LT	S-205															1
1324+70.0			15.58' RT	S-203															1
1324+85.0			15.58' LT	S-201															1
1324+85.1			15.58' RT	S-202															1
1324+96.5			46.50' LT	S-200															1
1325+30.0			15.58' LT	S-230															1
1325+59.0	-	1327+30.0	LT		146			2.71	2.71	2.71				146	0.5	3.1			
1325+65.0	-	1327+26.0	RT		163			3.02	3.02	3.02				163	0.5	3.4			
1326+50.0			15.58' RT	S-232															1
1326+50.1			15.58' LT	S-231															1
1327+22.2			15.11' LT	S-233															1
1327+52.0	-	1328+18.0	RT		49			0.92	0.92	0.92				49	0.2	1.1			
1327+56.0	-	1328+03.0	LT		293			5.44	5.44	5.44				293	0.9	6.1			
1328+15.0	-	1329+30.0	LT		223			4.15	4.15	4.15				223	0.7	4.6			
1328+30.0	-	1328+99.0	RT		75			1.39	1.39	1.39				75	0.3	1.6			
1328+50.0			LT														10		
1329+00.0			LT														10		
1329+12.5			35.50' LT	S-306															1
1329+25.0	-	1330+00.0	RT		62			1.16	1.16	1.16				62	0.2	1.3			
1329+42.0	-	1329+70.0	LT		45			0.85	0.85	0.85				45	0.2	1			
1329+57.6			35.50' LT	S-305															1
1329+81.0	-	1333+18.0	LT		601			11.17	11.17	11.17				601	1.9	12.5			
1329+89.1	-	1330+00.0	RT															11	
1330+24.0	-	1331+05.0	RT		73			1.36	1.36	1.36				73	0.3	1.6			
1330+50.0			15.58' RT	S-304															1
1330+50.1			15.58' LT	S-303															1
1331+35.0	-	1331+69.0	RT		35			0.64	0.64	0.64				35	0.2	0.8			
1331+86.0	-	1332+20.0	RT		35			0.65	0.65	0.65				35	0.2	0.8			
1332+35.2	-	1332+57.5	LT										18						
1332+38.0	-	1332+57.0	RT		24			0.45	0.45	0.45				24	0.1	0.5			
1332+40.0			15.58' LT	S-302															1
1332+40.9			13.00' RT	S-313															1
1332+47.7			34.50' RT	DROP BOX 2															1
1332+52.6			13.0' RT	S-314															1
1332+52.7			15.58' LT	S-307															1
1332+75.0	-	1332+90.0	RT		15			0.28	0.28	0.28				15	0.1	0.4			
1333+02.0	-	1333+61.0	RT		135			2.51	2.51	2.51				135	0.5	2.8			
1333+30.0	-	1334+59.0	LT		335			6.23	6.23	6.23				335	1.1	7			
1333+30.9	-	1334+53.6	LT															157	
URBAN SUB TOTAL					5,345	0	0	99.4	99.4	99.4	0	0	18	5,345	17.6	111.9	60	388	31

MODEL: Seeding_Erosion2 (Sheet)
FILE NAME: W:\2006\1332\00MicroStation\CAD_Sheets\ID2_64L94-ehs-schedule.dgn



401 E. STATE ST, 4th Floor
ROCKFORD, IL 61104

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USER NAME = Brad.S.Lange

DESIGNED - PATRICK PAUSER

DRAWN - PATRICK PAUSER

CHECKED - BRAD LANGE

PLOT DATE = 5/31/2026

REVISED -  5/20/2026

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A

SHEET 16 OF 28 SHEETS

STA. TO STA.

F.A.P. RTE.
611

SECTION
104R

COUNTY
HENRY

TOTAL SHEETS
426

SHEET NO.
46

CONTRACT NO. 64L94

ILLINOIS FED. AID PROJECT

 REV. 6/1/26

MODEL Seeding Erosion3 (Sheet)
FILE NAME: W:\2004\1031032\00\HwyCrossStation\CAD_Sheets\ID2_64L94-ehs-schedule.dgn

SEEDING / EROSION CONTROL SCHEDULE																				
					21101615	25000210	25000310	25000400	25000500	25000600	25000750	25100630	25100900	25200110	25200200	28000250	28000305	28000400	28000500	
					TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	SEEDING, CLASS 4	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MOWING	EROSION CONTROL BLANKET	TURF REINFORCEMENT MAT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	
LOCATION					REMARKS	SQ YD	ACRE	ACRE	POUND	POUNT	POUND	ACRE	SQ YD	SQ YD	SQ YD	UNIT	POUND	FOOT	FOOT	EACH
STATION	TO	STATION	SIDE																	
IL 81 - URBAN																				
1333+47.8	-	1333+48.80	RT															13		
1333+50.5			17.86' LT	S-308															1	
1333+50.6			35.26' LT	S-311															1	
1333+87.0	-	1336+75.00	RT		1,635			30.4	30.4	30.4				1,635	5	33.8				
1334+71.0	-	1335+41.00	LT		170			3.16	3.16	3.16				170	0.6	3.6				
1334+75.7	-	1345+65.70	LT															1,201		
1334+75.9			34.54' LT	S-312															1	
1335+54.0	-	1345+68.00	LT		3,479			64.69	64.69	64.69				3,479	10.5	71.9				
1336+42.0			17.58' LT	S-402-1															1	
1336+42.0			15.58' RT	S-402-2															1	
1337+01.0	-	1341+76.00	RT		1,092			20.31	20.31	20.31				1,092	3.3	22.6				
1337+07.4			15.58' LT	S-402															1	
1337+49.3	-	1337+73.80	LT									11								
1338+00.0	-	1339+84.30	RT															205		
1339+40.0			15.58' RT	S-408															1	
1339+40.0			15.58' LT	S-401															1	
1339+70.0			15.58' LT	S-405															1	
1339+70.0			15.58' RT	S-409															1	
1339+98.6	-	1340+40.60	RT															43		
1341+88.0	-	1342+43.00	RT		136			2.53	2.53	2.53				136	0.5	2.9				
1342+00.0			15.58' LT	S-406															1	
1342+00.0			15.58' RT	S-407															1	
1342+55.0	-	1342+70.00	RT		53			0.98	0.98	0.98				53	0.2	1.1				
1342+82.0	-	1343+52.00	RT		98			1.81	1.81	1.81				98	0.3	2.1				
1343+64.0	-	1344+13.00	RT		33			0.61	0.61	0.61				33	0.1	0.7				
1343+68.7	-	1343+74.74	LT										5							
1344+25.0	-	1344+28.00	RT		8			0.15	0.15	0.15				8	0.1	0.2				
1344+47.3			15.58' LT	EX INLET															1	
1345+32.0			15.58' LT	EX INLET															1	
N UNION ST																				
5600+31.9			22.29' RT	S-102															1	
5600+90.0	-	5602+50.00	LT															162		
5601+00.0			LT																	
5601+25.0			LT															10		
5601+50.0			LT															10		
5601+75.0			LT															10		
5602+00.0			LT															10		
JACKSON ST																				
5700+41.4			17.02' LT	S-110															1	
5700+56.0			15.58' RT	S-111															1	
5700+71.3	-	5702+11.10	LT															143		
5700+77.0	-	5702+30.00	RT		618			11.48	11.48	11.48				618	1.9	12.8				
5701+98.0			20.00' LT	S-110-1															1	
5702+22.0	-	5704+29.70	LT															238		
5702+25.0	-	5704+18.00	RT		383			7.12	7.12	7.12				383	1.2	8				
5702+48.0	-	5702+77.00	RT		59			1.09	1.09	1.09				59	0.2	1.3				
5702+87.0	-	5704+18.00	RT		234			4.35	4.35	4.35				234	0.8	4.9				
5703+90.6			16.68' LT	S-110-2															1	
5704+18.4			17.09' RT	S-110-3															1	
N ADAMS ST																				
5800+38.3			21.82' LT	S-116															1	
5800+56.7			15.58' LT	S-118															1	
5801+12.0	-	5802+63.00	LT		239			4.45	4.45	4.45				239	0.8	5				
5802+10.0			23.75' LT	S-119															1	
5802+17.0	-	5802+37.00	RT		15			0.28	0.28	0.28				15	0.1	0.4				
5802+49.0	-	5802+77.00	RT		7			0.12	0.12	0.12				7	0.1	0.2				
5802+61.1	-	5802+64.60	LT															19		
5802+84.0	-	5802+96.00	LT		14			0.26	0.26	0.26				14	0.1	0.3				
5802+90.0	-	5803+45.00	RT		7			0.12	0.12	0.12				7	0.1	0.2				
5803+10.0	-	5803+45.00	LT		10			0.19	0.19	0.19				10	0.1	0.3				
5803+29.0	-	5803+45.00	RT		5			0.1	0.1	0.1				5	0.1	0.2				
LINCOLN ST																				
5900+42.6			15.58' LT	S-124															1	
5900+42.8			15.68' RT	S-123															1	
5900+84.0	-	5901+85.00	LT		61			1.14	1.14	1.14				61	0.2	1.3				
5901+07.2	-	5901+84.60	LT															92		
5901+52.0	-	5901+78.00	RT		23			0.42	0.42	0.42				23	0.1	0.5				
5901+90.0	-	5903+41.50	RT		93			1.73	1.73	1.73				93	0.3	2				
5902+05.0	-	5903+41.50	LT		104			1.94	1.94	1.94				104	0.4	2.2				
N WASHINGTON ST																				
6000+91.0	-	6001+18.00	LT		57			1.06	1.06	1.06				57	0.2	1.2				
6000+97.0	-	6001+61.00	RT		56			1.03	1.03	1.03				56	0.2	1.2				
6001+30.0	-	6001+54.00	LT		70			1.3	1.3	1.3				70	0.3	1.5				
6001+66.0	-	6001+80.00	LT		24			0.44	0.44	0.44				24	0.1	0.5				
6001+74.0	-	6001+80.00	RT		14			0.26	0.26	0.26				14	0.1	0.3				
URBAN SUB TOTAL					8,797	0	0	163.52	163.52	163.52	0	6.11	5	8,797	28	183.2	50	2,116	25	

1



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	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 0.08333317 ' / in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 5/31/2026	DATE - 5/31/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 17 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	47
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

MODEL: Seeding_Erosion_Schedule (Sheet)
FILE NAME: W:\2006\1032\00Mkt-CorStation\CAD_Sheets\02_64L94-ehs-schedule.dgn

SEEDING / EROSION CONTROL SCHEDULE																			
				21101615	25000210	25000310	25000400	25000500	25000600	25000750	25100630	25100900	25200110	25200200	28000250	28000305	28000400	28000500	
				TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	SEEDING, CLASS 4	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MOWING	EROSION CONTROL BLANKET	TURF REINFORCEMENT MAT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	
LOCATION				REMARKS	SQ YD	ACRE	ACRE	POUND	POUNT	POUND	ACRE	SQ YD	SQ YD	SQ YD	UNIT	POUND	FOOT	FOOT	EACH
STATION	TO	STATION	SIDE																
N WEST ST (S)																			
6097+80.0	-	6097+90.00	RT														12		
6097+80.0	-	6098+12.00	LT		14			0.26	0.26	0.26				14	0.1	0.3			
6097+80.0	-	6099+07.00	RT		112			2.08	2.08	2.08				112	0.4	2.4			
6098+25.0	-	6098+36.00	LT		3			0.06	0.06	0.06				3	0.1	0.1			
6099+20.0	-	6099+33.00	RT		16			0.3	0.3	0.3				16	0.1	0.4			
6099+42.1			15.58' RT	S-218														1	
6099+42.1			15.58' LT	S-219														1	
N WEST ST (N)																			
6200+30.0	-	6201+64.00	LT		56			1.05	1.05	1.05				56	0.2	1.2			
6200+45.3			16.90' RT	S-211														1	
6200+54.9			15.58' LT	S-212														1	
6200+54.9	-	6202+80.00	RT														236		
6201+01.0	-	6201+64.00	LT		41			0.76	0.76	0.76				41	0.2	0.9			
6201+81.0	-	6201+87.00	LT		11			0.21	0.21	0.21				11	0.1	0.3			
6201+99.0	-	6202+80.00	LT		83			1.54	1.54	1.54				83	0.3	1.8			
PERKINS ST																			
6296+85.0	-	6296+95.00	LT		6			0.12	0.12	0.12				6	0.1	0.2			
6296+85.0	-	6297+69.00	RT		135			2.51	2.51	2.51				135	0.5	2.8			
6296+85.0	-	6297+70.00	RT														90		
6297+08.0	-	6297+66.00	LT		95			1.76	1.76	1.76				95	0.3	2			
6297+78.7	-	6297+86.00	RT														13		
6297+81.0	-	6298+72.00	LT		130			2.42	2.42	2.42				130	0.4	2.7			
6297+81.0	-	6298+35.00	RT		75			1.4	1.4	1.4				75	0.3	1.6			
6297+94.0	-	6298+21.20	RT														31		
6298+56.0	-	6298+73.00	RT		18			0.34	0.34	0.34				18	0.1	0.4			
6298+56.0	-	6298+72.70	RT														17		
6298+84.0	-	6299+76.00	LT		41			0.76	0.76	0.76				41	0.2	0.9			
6298+85.0	-	6299+23.00	RT		39			0.72	0.72	0.72				39	0.2	0.9			
6299+41.9			15.58' LT	S-208														1	
6299+58.1			16.83' RT	S-209														1	
RICE ST (S)																			
6398+00.0	-	6398+23.00	LT		14			0.26	0.26	0.26				14	0.1	0.3			
6398+00.0	-	6398+48.00	RT		38			0.7	0.7	0.7				38	0.2	0.8			
6398+35.0	-	6399+06.00	LT		55			1.02	1.02	1.02				55	0.2	1.2			
6398+58.0	-	6398+61.00	RT		2			0.03	0.03	0.03				2	0.1	0.1			
6398+71.0	-	6398+88.00	RT		17			0.32	0.32	0.32				17	0.1	0.4			
6399+17.0	-	6399+23.00	LT		5			0.09	0.09	0.09				5	0.1	0.1			
6399+45.7			15.58' RT	S-235														1	
6399+56.3			17.12' LT	S-234														1	
RICE ST (N)																			
100+40.0			17.21' LT	S-236														1	
100+40.0			18.81' RT	S-237														1	
101+00.0			21.26' RT	S-238														1	
101+54.0	-	101+75.00	LT		32			0.59	0.59	0.59				32	0.1	0.7			
ROSS ST																			
6497+00.0	-	6497+21.00	LT		14			0.26	0.26	0.26				14	0.1	0.3			
6497+33.0	-	6497+56.00	LT		27			0.51	0.51	0.51				27	0.1	0.6			
6497+68.0	-	6497+88.00	LT		7			0.13	0.13	0.13				7	0.1	0.2			
6498+00.0	-	6498+30.00	LT		26			0.49	0.49	0.49				26	0.1	0.6			
6498+00.2	-	6498+30.00	LT														36		
6498+42.0	-	6498+69.30	LT														42		
6498+42.0	-	6498+71.00	LT		38			0.71	0.71	0.71				38	0.2	0.8			
6498+80.4	-	6499+72.20	LT														79		
6499+49.6			15.58' RT	S-310														1	
6499+65.0			20.23' LT	S-309														1	
N GROVE ST																			
6596+60.0	-	6597+66.00	LT		108			2	2	2				108	0.4	2.3			
6596+60.0	-	6597+29.00	RT		34			0.63	0.63	0.63				34	0.2	0.7			
6597+41.0	-	6597+54.00	RT		26			0.48	0.48	0.48				26	0.1	0.6			
6597+77.7	-	6598+72.20	RT														105		
6597+78.0	-	6598+72.00	RT		195			3.63	3.63	3.63				195	0.6	4.1			
6599+53.4			15.58' LT	S-404														1	
6599+60.0			16.07' RT	S-403														1	
N COTTAGE ST																			
6699+16.9	-	6699+28.40	RT														44		
6699+17.0	-	6699+28.00	RT		17			0.32	0.32	0.32				17	0.1	0.4			
IL 81 - URBAN																			
1311+26.0			15.58' LT	S-108-1														1	
1311+26.0			38.0' LT	S-108-2														1	
1325+30.0			15.58' RT	S-230-1														1	
1332+10.0			15.58' LT	S-302-1														1	
1334+40.0			15.58' RT	S-309-1														1	
1339+10.0			15.58' LT	S-401-1														1	
RURAL SUB TOTAL					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
URBAN SUB TOTAL					1,530	0	0	28.46	28.46	28.46	0	0	1,530	6.5	33.1	0	705	15-21	
TOTAL					27,038	1.08	0.34	502.74	502.74	502.74	1.08	6.866	712	20,188	66.1	564	390	4,602	



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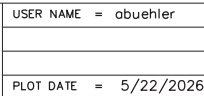
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	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 0.08333317 ' / in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 5/31/2026	DATE - 5/31/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 18 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	48
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				



DATE — MAY 2026

DATE — MAY 2026

REVISÉ —

REVISÉ —

SCALE:	SHEET 58A OF 426 SHEETS	STA.	TO STA.
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	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	58A
		64L94		
ILLINOIS				

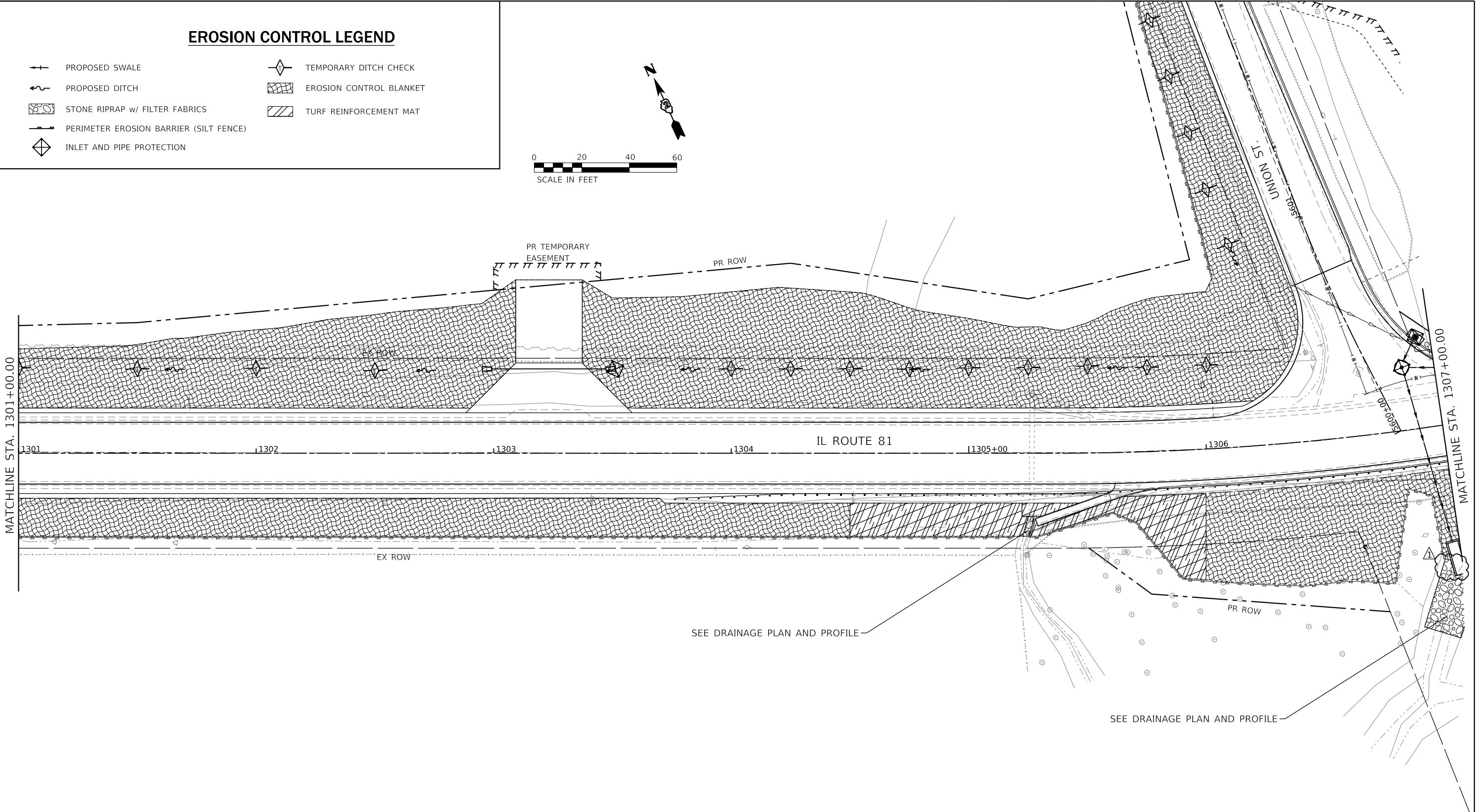
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1 ADDED SHEET 6/1/26

MODEL: 58D

EROSION CONTROL LEGEND

-  PROPOSED SWALE
-  PROPOSED DITCH
-  STONE RIPRAP w/ FILTER FABRICS
-  PERIMETER EROSION BARRIER (SILT FENCE)
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  EROSION CONTROL BLANKET
-  TURF REINFORCEMENT MAT



MODEL: Default
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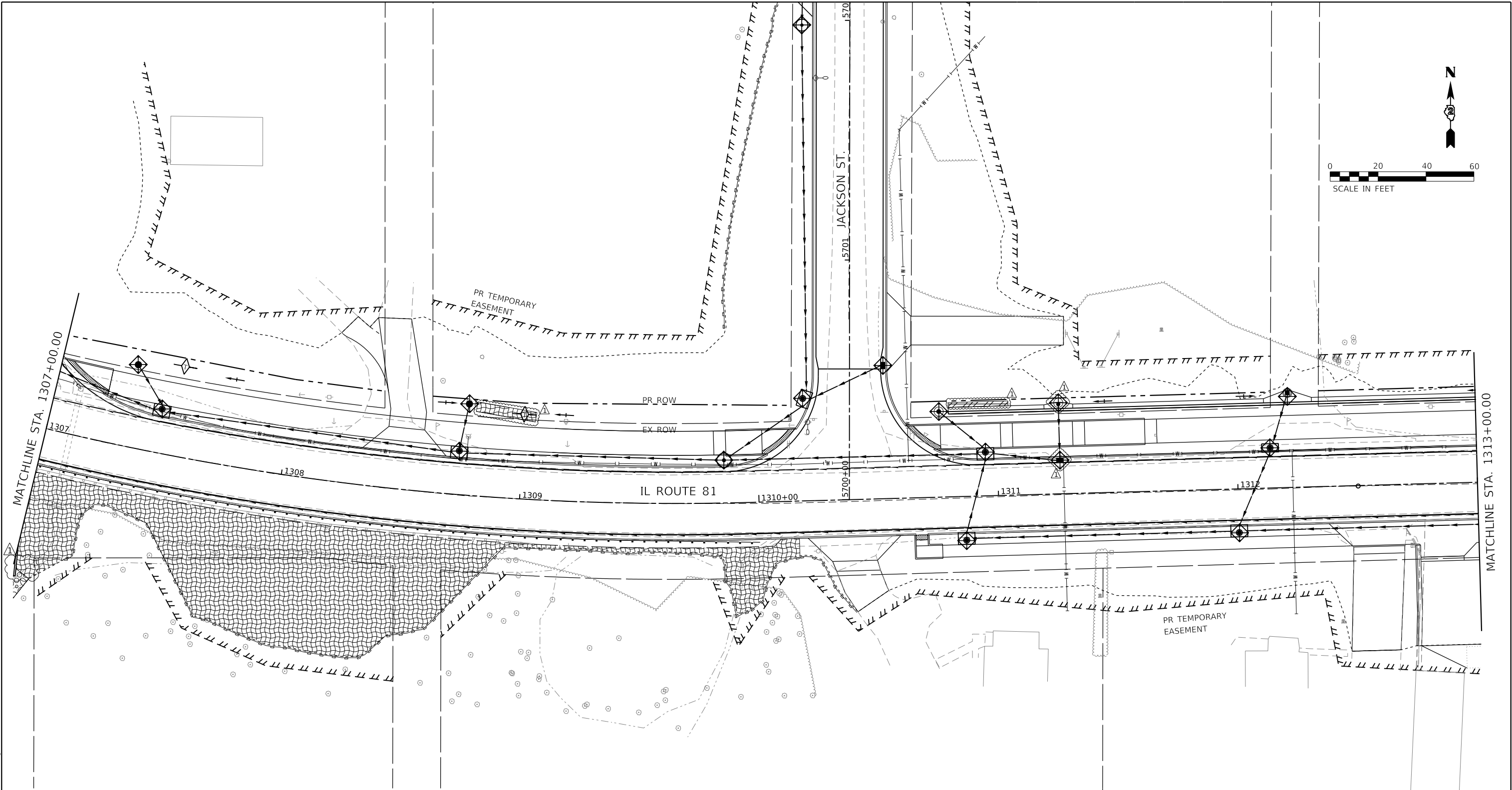
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	DRAWN - LC	REVISED -
PLOT SCALE = 1"=20'	CHECKED - SGL	REVISED -
PLOT DATE = 5/29/2026	DATE - 05/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
(IL ROUTE 81)

SCALE: 1"=20' SHEET 2 OF 22 SHEETS STA. 1301+00.00 TO STA. 1307+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	145
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

-  PROPOSED SWALE
-  PROPOSED DITCH
-  STONE RIPRAP w/ FILTER FABRICS
-  PERIMETER EROSION BARRIER (SILT FENCE)
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  EROSION CONTROL BLANKET
-  TURF REINFORCEMENT MAT

MODEL: Default
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MODEL: Default
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USER NAME = LCHEN
PLOT SCALE = 1"=20'
PLOT DATE = 5/27/2026

DESIGNED - LC
DRAWN - LC
CHECKED - SGL
DATE - 05/2026

REVISED - 5/20/2026
REVISED -
REVISED -
REVISED -

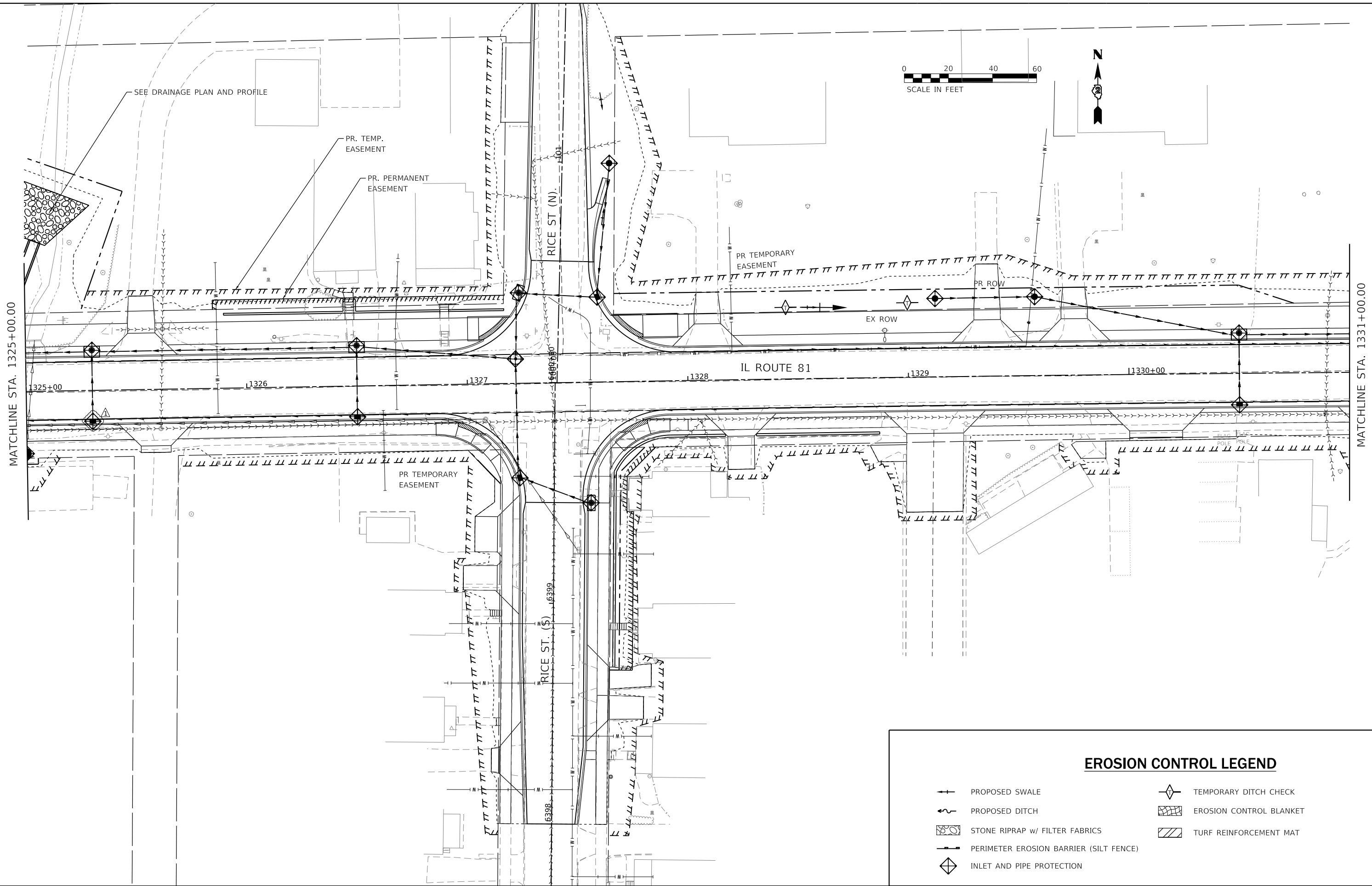
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
(IL ROUTE 81)

SCALE: 1"=20' SHEET 6 OF 22 SHEETS STA. 1325+00.00 TO STA. 1331+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	149
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

REV. 6/1/26



EROSION CONTROL LEGEND

- 

PROPOSED SWALE
- 

PROPOSED DITCH
- 

STONE RIPRAP w/ FILTER FABRICS
- 

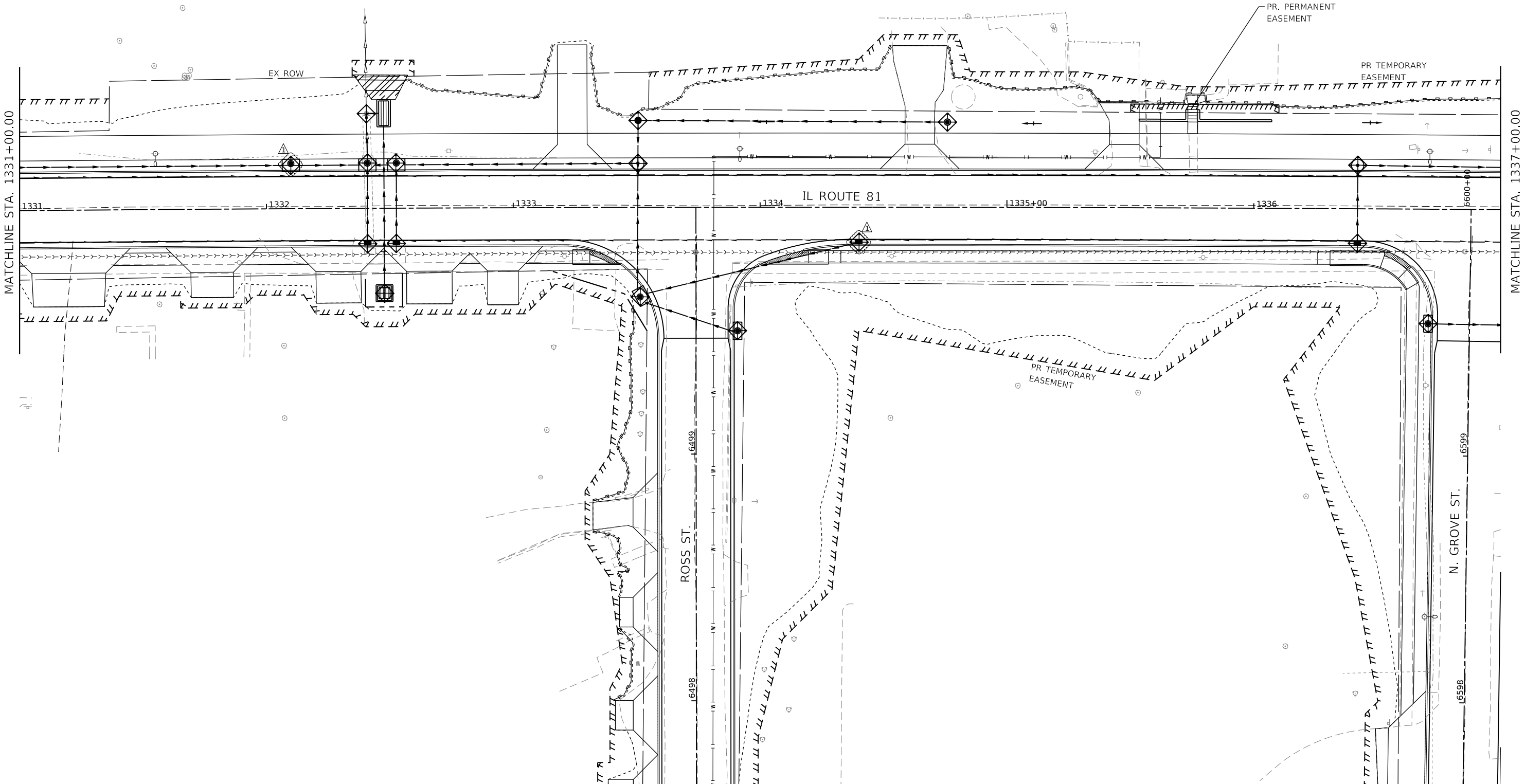
PERIMETER EROSION BARRIER (SILT FENCE)
- 

INLET AND PIPE PROTECTION
- 

TEMPORARY DITCH CHECK
- 

EROSION CONTROL BLANKET
- 

TURF REINFORCEMENT MAT



MODEL: Default
FILE NAME: W:\2000\1032.00\MicroStation\CAD_Sheets\Erosion\02_64L94-Erosion\1-INT07.dgn

	USER NAME = LCHEN	DESIGNED - LC	REVISED - 5/20/2026
	DRAWN - LC	CHECKED - SGL	REVISED -
	PLOT SCALE = 1"=20'	DATE - 05/2026	REVISED -
	PLOT DATE = 5/27/2026		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
(IL ROUTE 81)

SCALE: 1"=20' SHEET 7 OF 22 SHEETS STA. 1331+00.00 TO STA. 1337+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	150
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL LEGEND

- 

PROPOSED SWALE
- 

PROPOSED DITCH
- 

STONE RIPRAP w/ FILTER FABRICS
- 

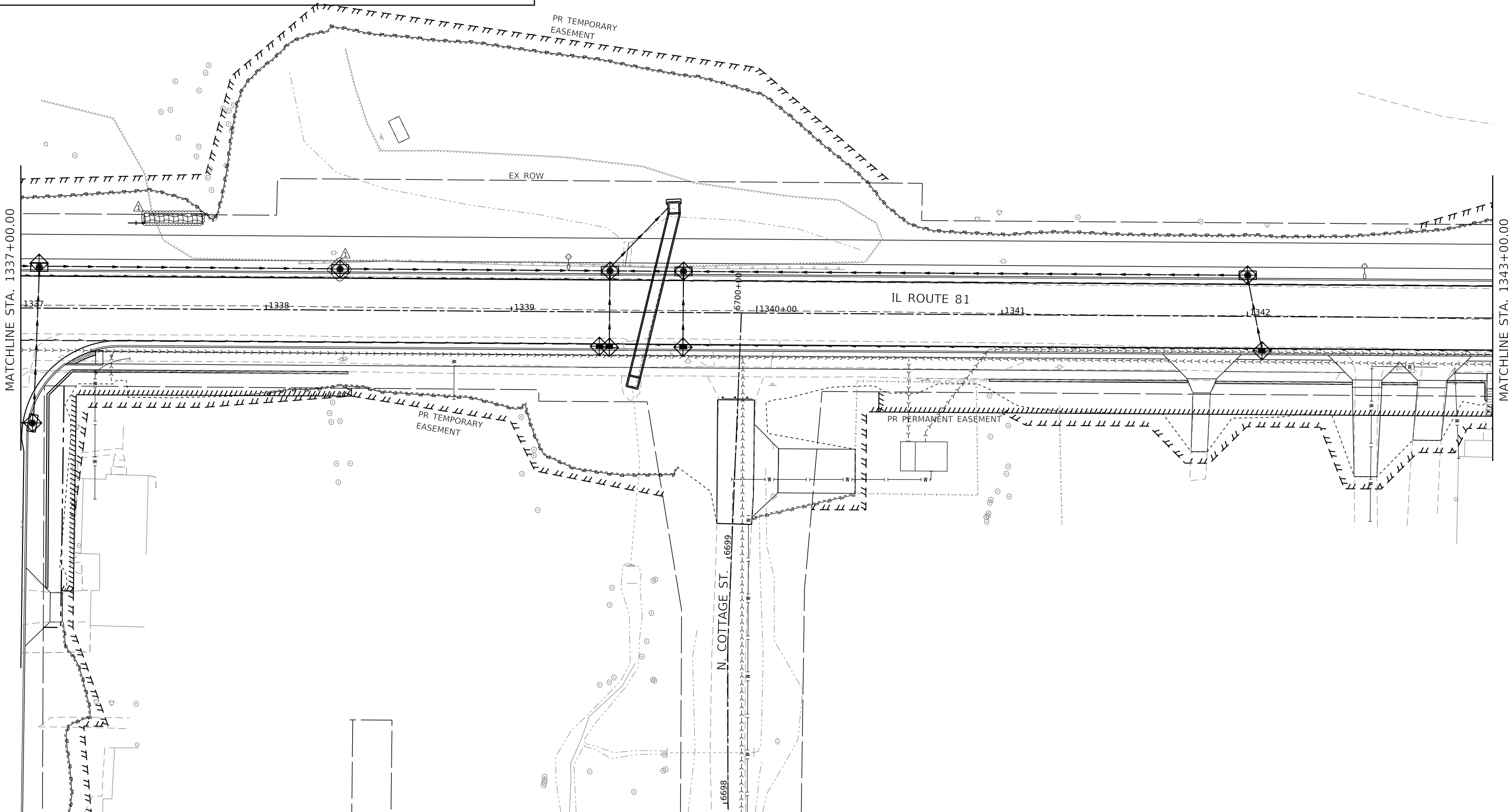
PERIMETER EROSION BARRIER (SILT FENCE)
- 

INLET AND PIPE PROTECTION
- 

TEMPORARY DITCH CHECK
- 

EROSION CONTROL BLANKET
- 

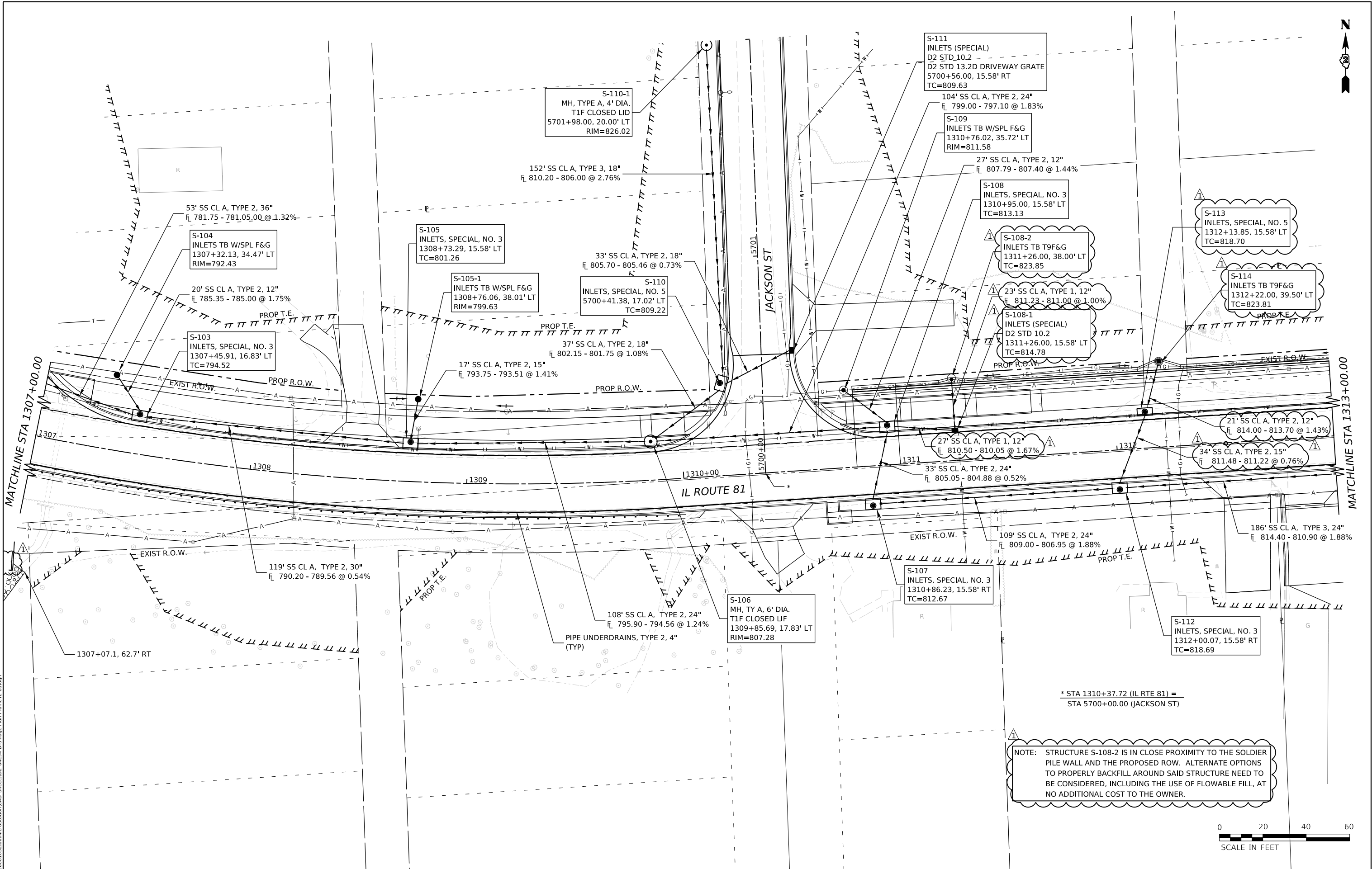
TURF REINFORCEMENT MAT



MODEL: Default
FILE NAME: W:\2000\1032\00\MicroStation\CAD_Sheets\Erosion\02_64L94-Eros\181-11108.dgn

E LIN ENGINEERING,LTD. Consulting Engineers Westmont, Illinois	USER NAME = LCHEN		DESIGNED - LC		REVISED - 5/20/2026		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				EROSION AND SEDIMENT CONTROL PLAN (IL ROUTE 81)					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - LC		REVISOR - LC		611	104R					HENRY	426	151							
	PLOT SCALE = 1"=20'		CHECKED - SGL		CONTRACT NO. 64L94															
	PLOT DATE = 5/27/2026		DATE - 05/2026		REVISOR -						ILLINOIS FED. AID PROJECT									
SCALE: 1"=20'		SHEET 8 OF 22 SHEETS		STA. 1337+00.00 TO STA. 1343+00.00																





* STA 1310+37.72 (IL RTE 81) =
STA 5700+00.00 (JACKSON ST)

NOTE: STRUCTURE S-108-2 IS IN CLOSE PROXIMITY TO THE SOLDIER PILE WALL AND THE PROPOSED R.O.W. ALTERNATE OPTIONS TO PROPERLY BACKFILL AROUND SAID STRUCTURE NEED TO BE CONSIDERED, INCLUDING THE USE OF FLOWABLE FILL, AT NO ADDITIONAL COST TO THE OWNER.

MODEL: IL0101-Ph-3 (Sheet)
FILE NAME: W:\2020\102200\MicroStation\CAO_Sheets\02_64L94-Drainage Plan Profile IL 81.dgn



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ROCKFORD, IL 61104
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WWW.IMEG.CORP.COM

USER NAME	= Brad.S.Lange	DESIGNED -	PATRICK PAUSER	REVISED -	5/20/2026
DRAWN -	PATRICK PAUSER	REVISED -			
PLOT SCALE	= 0.08333317' / in.	CHECKED -	BRAD LANGE	REVISED -	
PLOT DATE	= 5/29/2026	DATE -	5/29/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81)

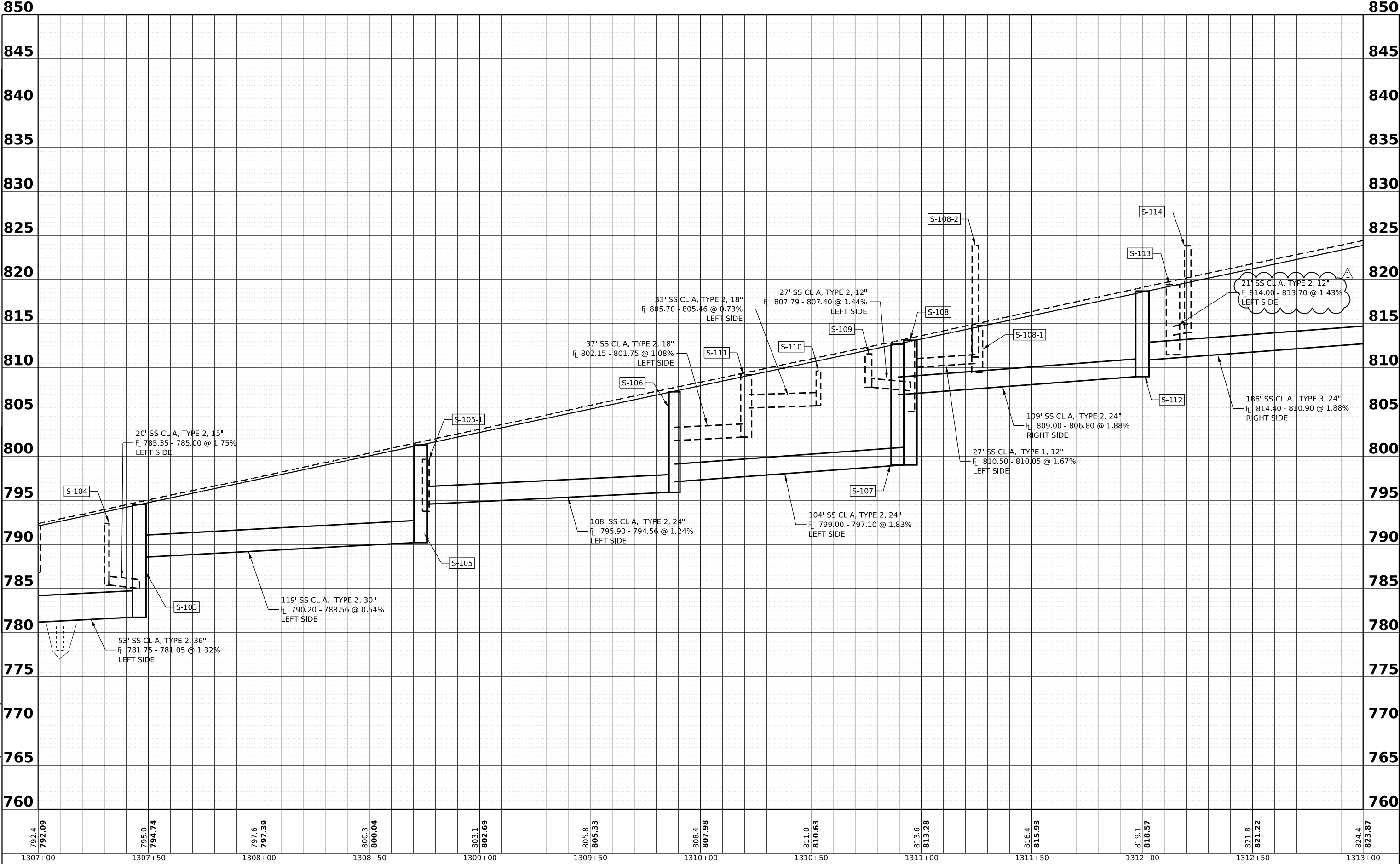
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	188
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

PLAN	NO.	NOTE BOOK	SURVEYED	PLOTTED	ALIGNMENT CHECKED	BY	DATE

PROFILE	NO.	NOTE BOOK	SURVEYED	PLOTTED	GRADES CHECKED	BY	DATE

MODEL: IL81_P1 - Profile 3 [Sheet]
FILE NAME: w:\20000102\00MicroStation\CAD_Sheets\02_64194-Drainage Plan Profile IL 81.dgn



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ROCKFORD, IL 61104
Ph: 815.965.6400
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USER NAME = Brad.S.Lange

PLOT SCALE = 0.08333317' / in.

PLOT DATE = 5/27/2026

DESIGNED - PATRICK PAUSER

DRAWN - PATRICK PAUSER

CHECKED - BRAD LANGE

DATE - 5/27/2026

REVISED - 5/20/2026

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 6 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	189
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

MODEL: IL810mPlan.dwg
FILE NAME: W:\3000102200\MicroStation\CAO_Sheets\02_64L94-Drainage Plan Profile IL 81.dgn



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USER NAME = Brad.S.Lange
DESIGNED - PATRICK PAUSER
DRAWN - PATRICK PAUSER
PLOT SCALE = 0.08333317' / in.
CHECKED - BRAD LANGE
PLOT DATE = 5/27/2026
DATE - 5/27/2026
REVISED -

DESIGNED - PATRICK PAUSER
DRAWN - PATRICK PAUSER
CHECKED - BRAD LANGE
DATE - 5/27/2026
REVISED -

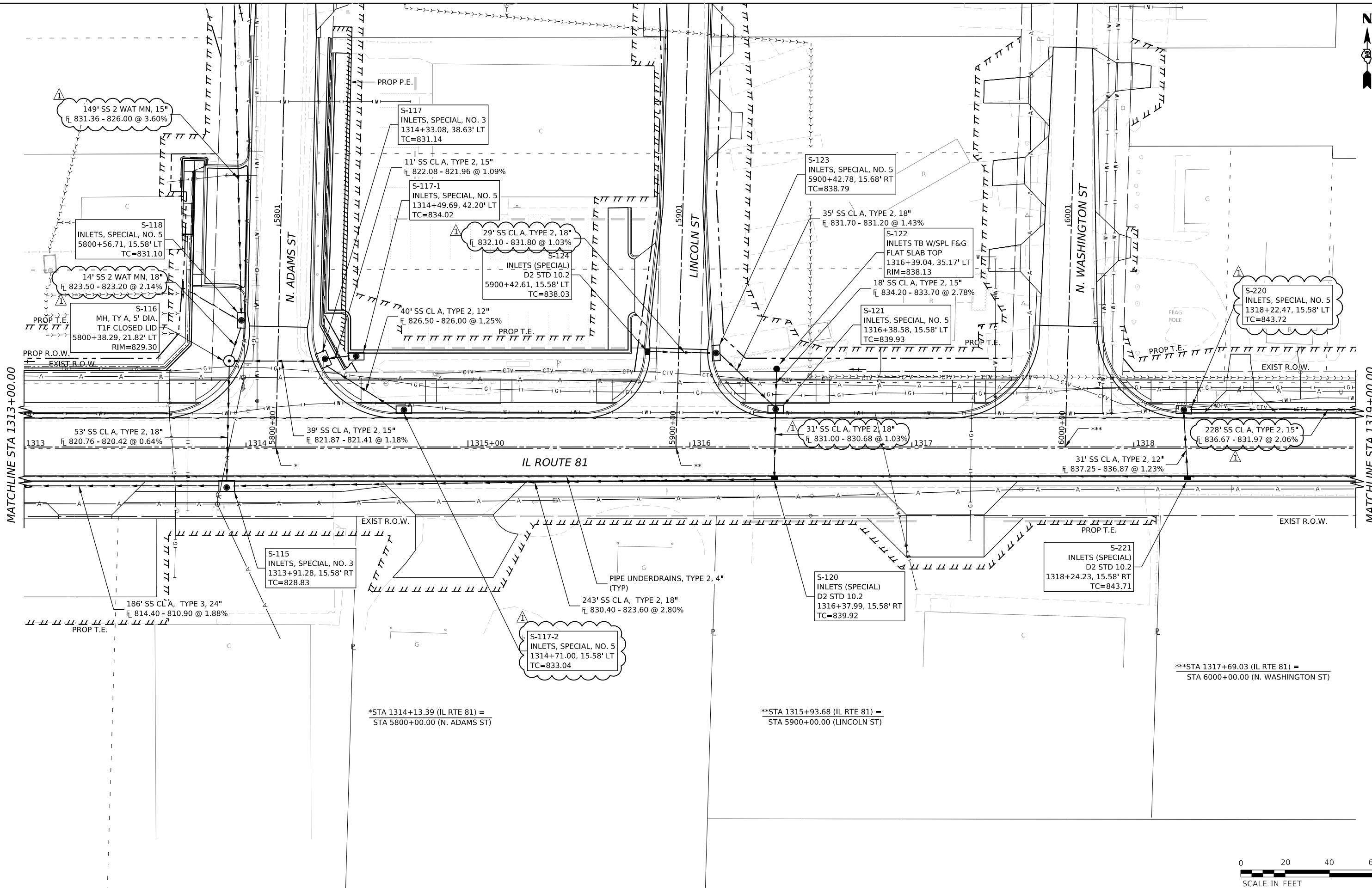
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 7 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	190
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

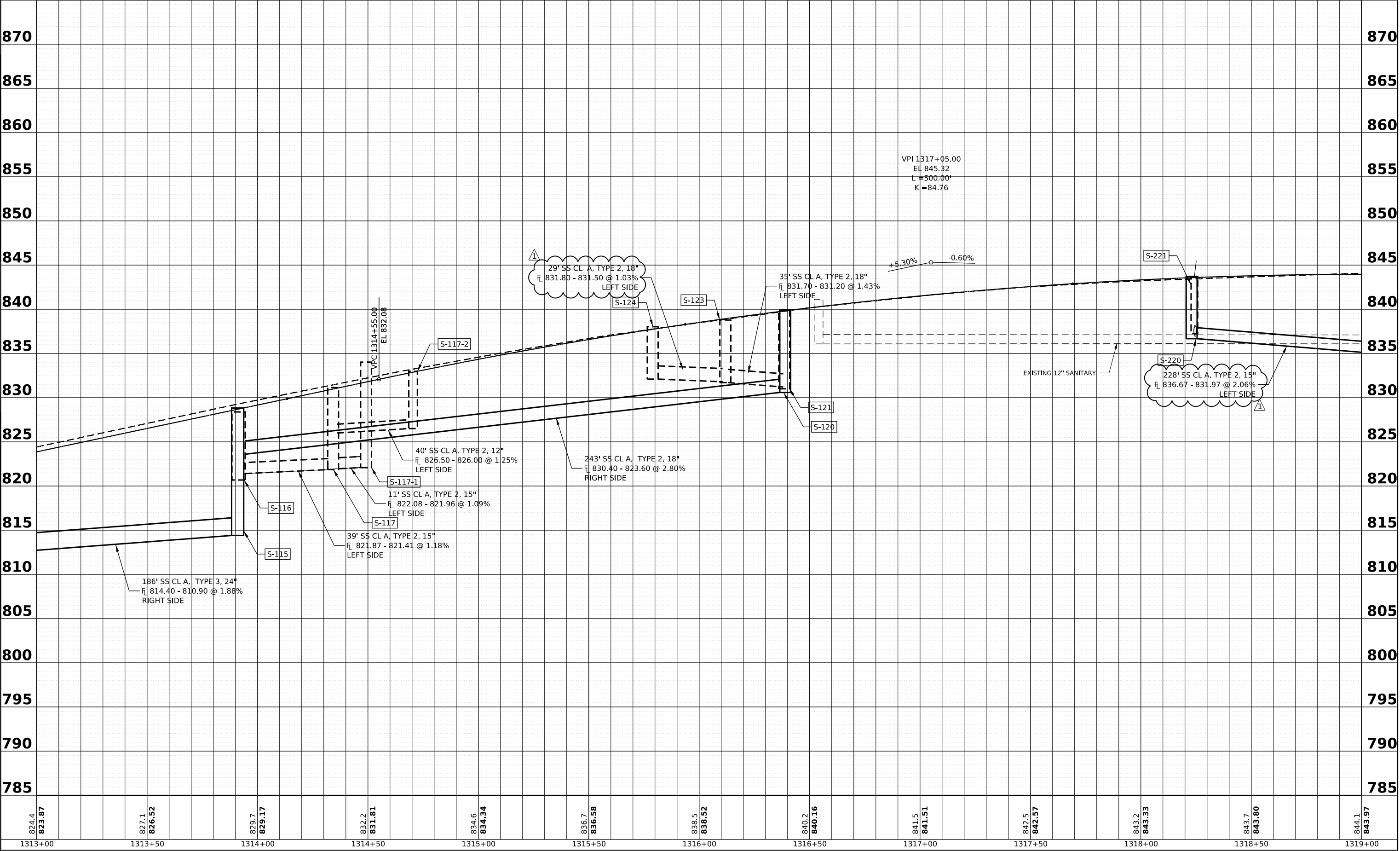
REV. 6/1/26



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	CADD FILE NAME		
	NOTE BOOK NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		

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FILE NAME: w32000103200MicroStationCAD_Sheets02_64194-Drainage Plan Profile IL 81.dgn



USER NAME = Brad.S.Lange
PLOT SCALE = 0.08333317'/' in.
PLOT DATE = 5/27/2026

DESIGNED - PATRICK PAUSER
DRAWN - PATRICK PAUSER
CHECKED - BRAD LANGE
DATE - 5/27/2026

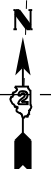
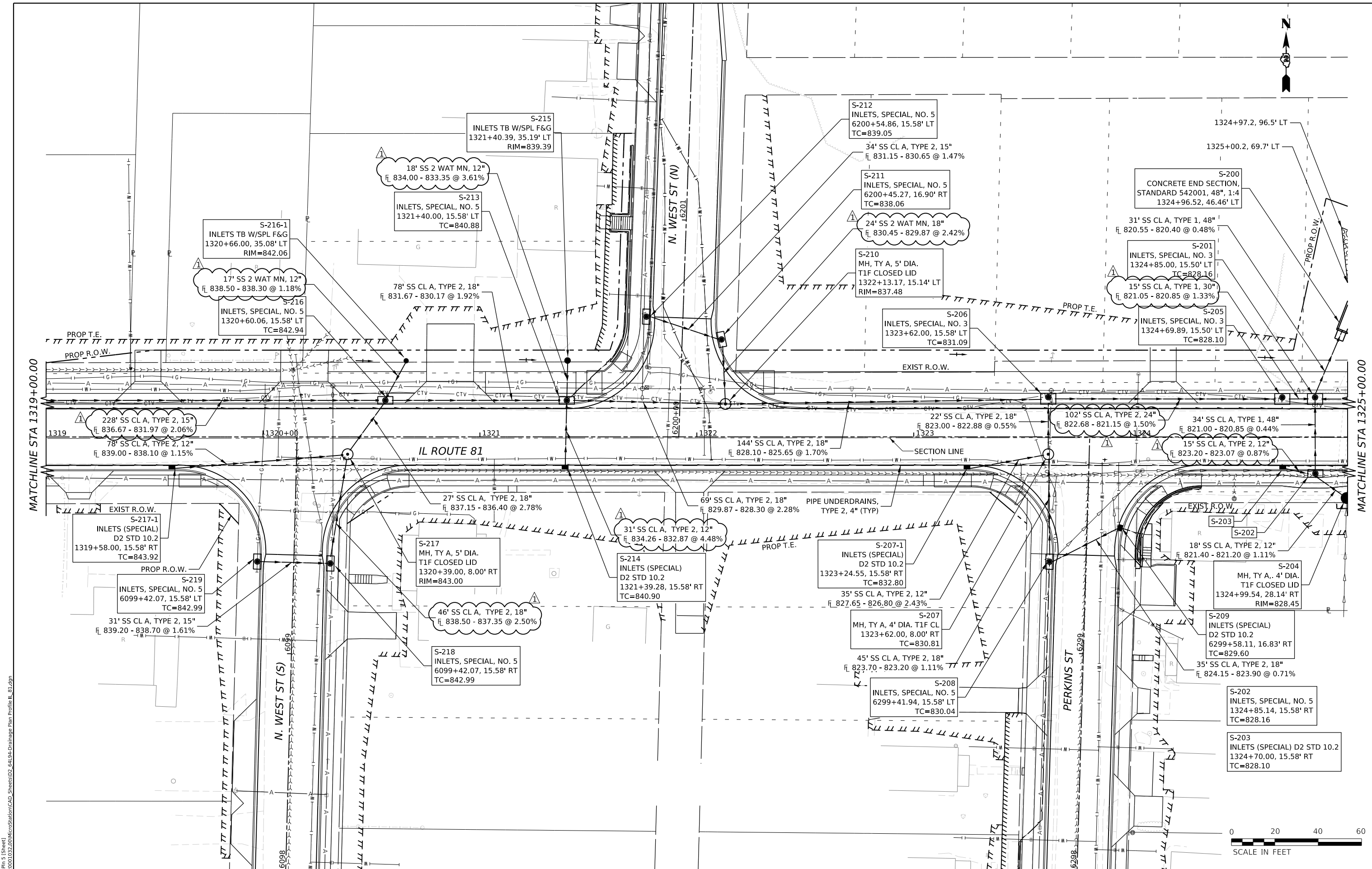
REVISED - 5/20/2026
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 8 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	191
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				



MODEL: IL010101-5 (Sheet)
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USER NAME	= Brad.S.Lange	DESIGNED	- PATRICK PAUSER	REVISED	- 5/20/2026
		DRAWN	- PATRICK PAUSER	REVISED	-
PLOT SCALE	= 0.08333311' / in.	CHECKED	- BRAD LANGE	REVISED	-
PLOT DATE	= 5/27/2026	DATE	- 5/27/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

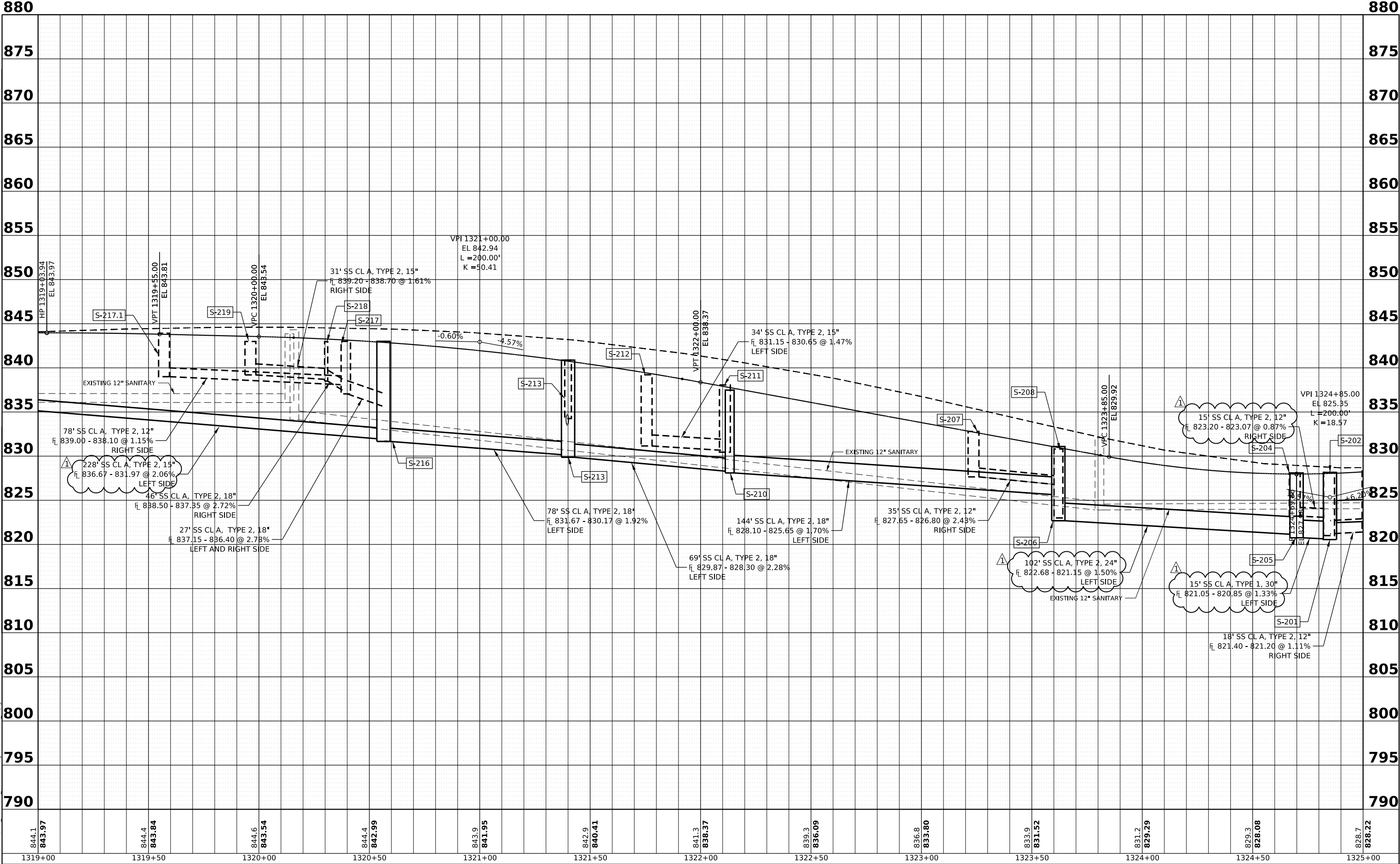
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SCALE: 1" = 20'	SHEET 9	OF 31 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	192
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

PLAN	NO.	NOTE BOOK	SURVEYED	PLOTTED	ALIGNMENT CHECKED	BY	DATE

PROFILE	NO.	NOTE BOOK	SURVEYED	PLOTTED	GRADES CHECKED	BY	DATE

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ROCKFORD, IL 61104
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USER NAME = Brad.S.Lange
PLOT SCALE = 0.08333317' / in.
PLOT DATE = 5/27/2026

DESIGNED - PATRICK PAUSER
DRAWN - PATRICK PAUSER
CHECKED - BRAD LANGE
DATE - 5/27/2026

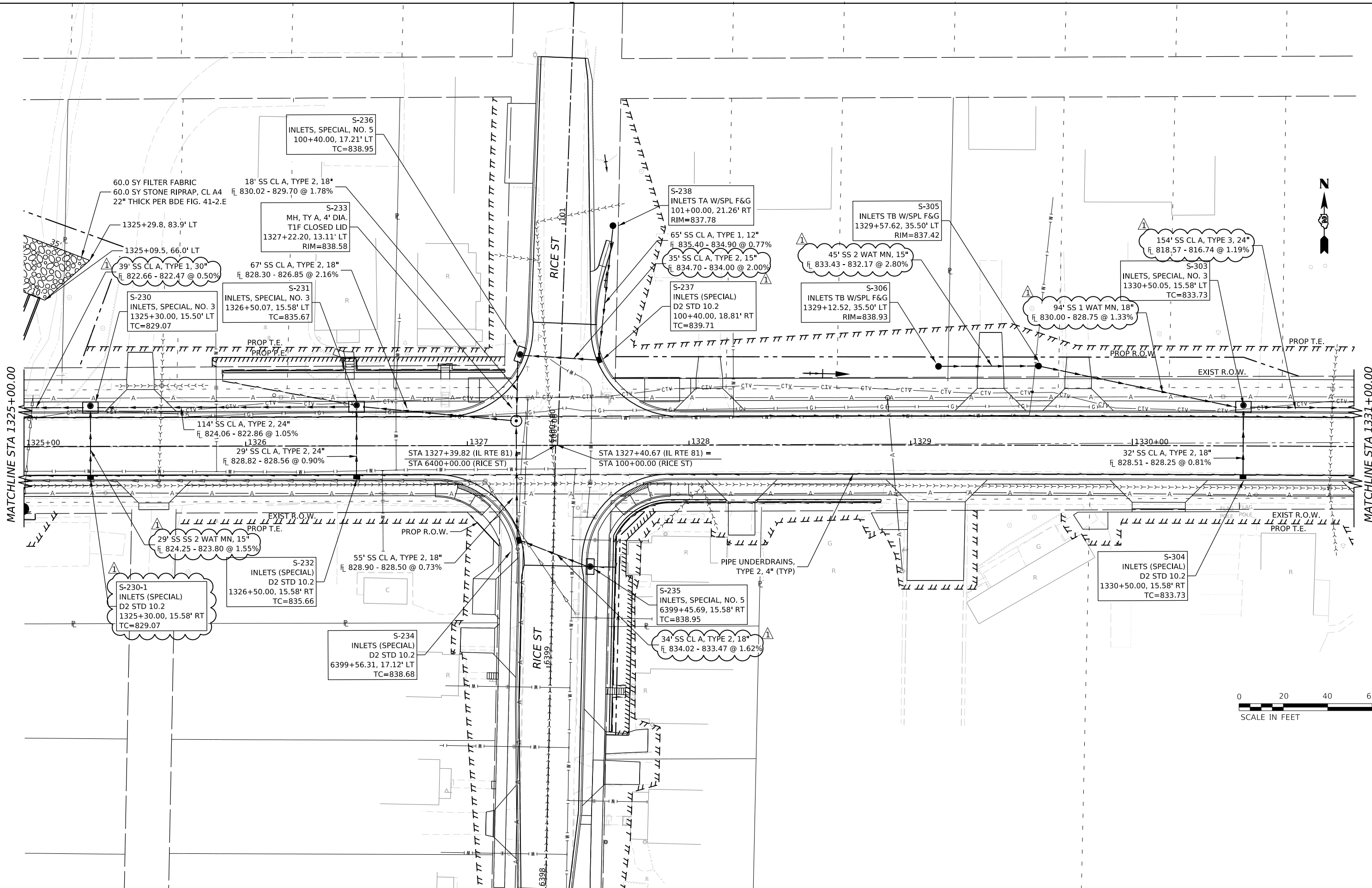
REVISED - 5/20/2026
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 10 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	193
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				



MODEL: ILL10101-11-15 (11-15)
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USER NAME	= Brad.S.Lange
DESIGNED	- PATRICK PAUSER
DRAWN	- PATRICK PAUSER
CHECKED	- BRAD LANGE
DATE	- 5/27/2026
REVISION	5/20/2026
PLOT SCALE	= 0.08333317' / in.
PLOT DATE	= 5/27/2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE (IL ROUTE 81)			
SCALE: 1" = 20'	SHEET 11	OF 31 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	194
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHKD _____		
NOTE BOOK _____			
NO. _____			

IMEG
 101 E. STATE ST. 4th Floor PH: 815.965.6400
 ROCKFORD, IL www.imegcorp.com
 61104

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

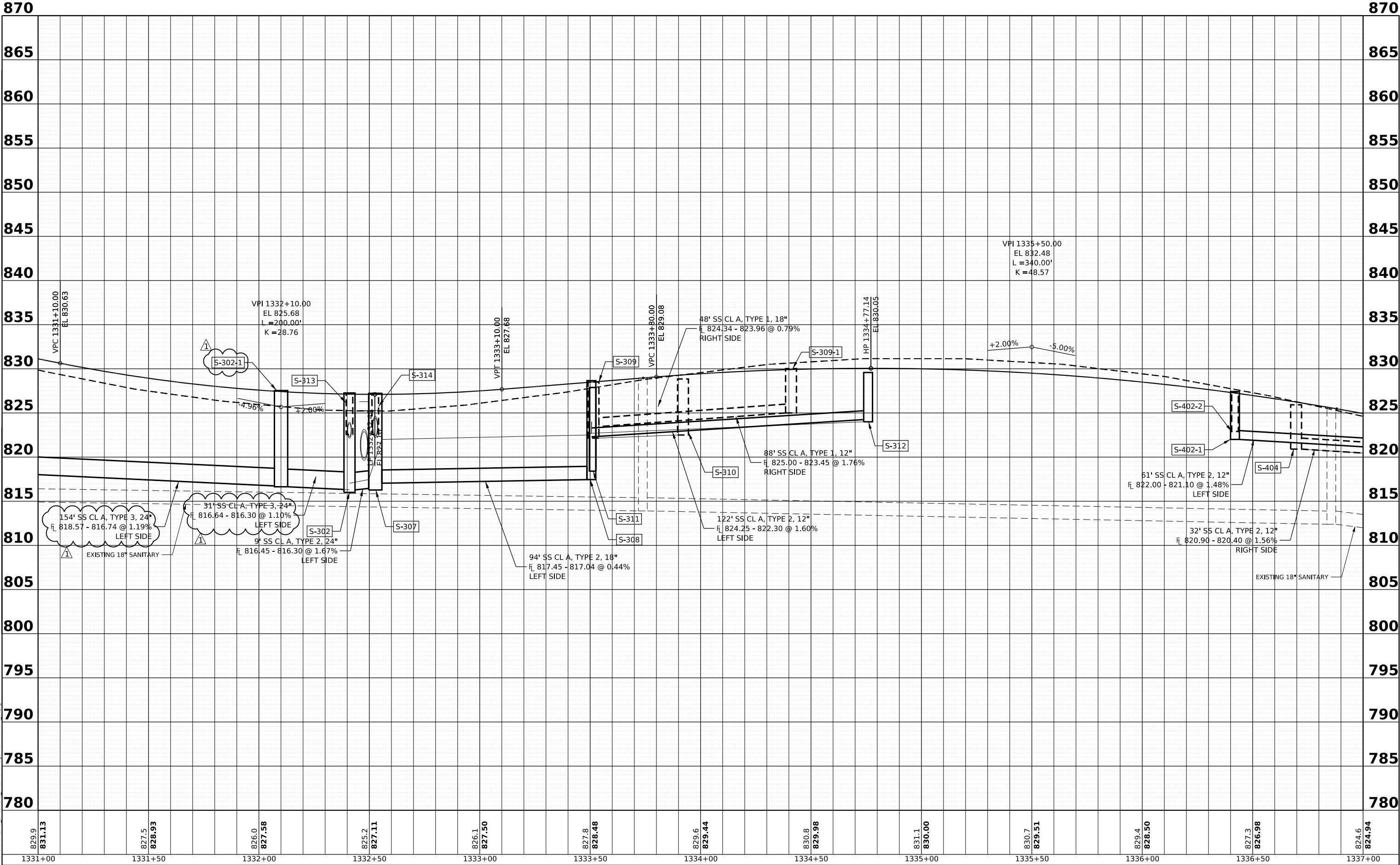
DRAINAGE PLAN & PROFILE (IL ROUTE 81)					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					611	104R	HENRY	426	195
SCALE: 1" = 20' SHEET 12 OF 31 SHEETS STA. TO STA.					CONTRACT NO. 64L94				
					ILLINOIS FED. AID PROJECT				

 REV. 6/1/26

PLAN	NO.	SURVEYED	PLOTTED	ALIGNMENT CHECKED	BY	DATE

PROFILE	NO.	SURVEYED	PLOTTED	GRADES CHECKED	BY	DATE

MODEL: IL81_P1 - Profile 7 [Sheet]
FILE NAME: W:\20001032\00MicroStation\CAD_Sheets\02_64L94-Drainage Plan Profile IL 81.dgn



401 E. STATE ST. 4th Floor
ROCKFORD, IL 61104
Ph: 815.965.6400
www.imegcorp.com

USER NAME = Brad.S.Lange

PLOT SCALE = 0.08333317' / in.

PLOT DATE = 5/27/2026

DESIGNED - PATRICK PAUSER

DRAWN - PATRICK PAUSER

CHECKED - BRAD LANGE

DATE - 5/27/2026

REVISED - 5/20/2026

REVISED -

REVISED -

REVISED -

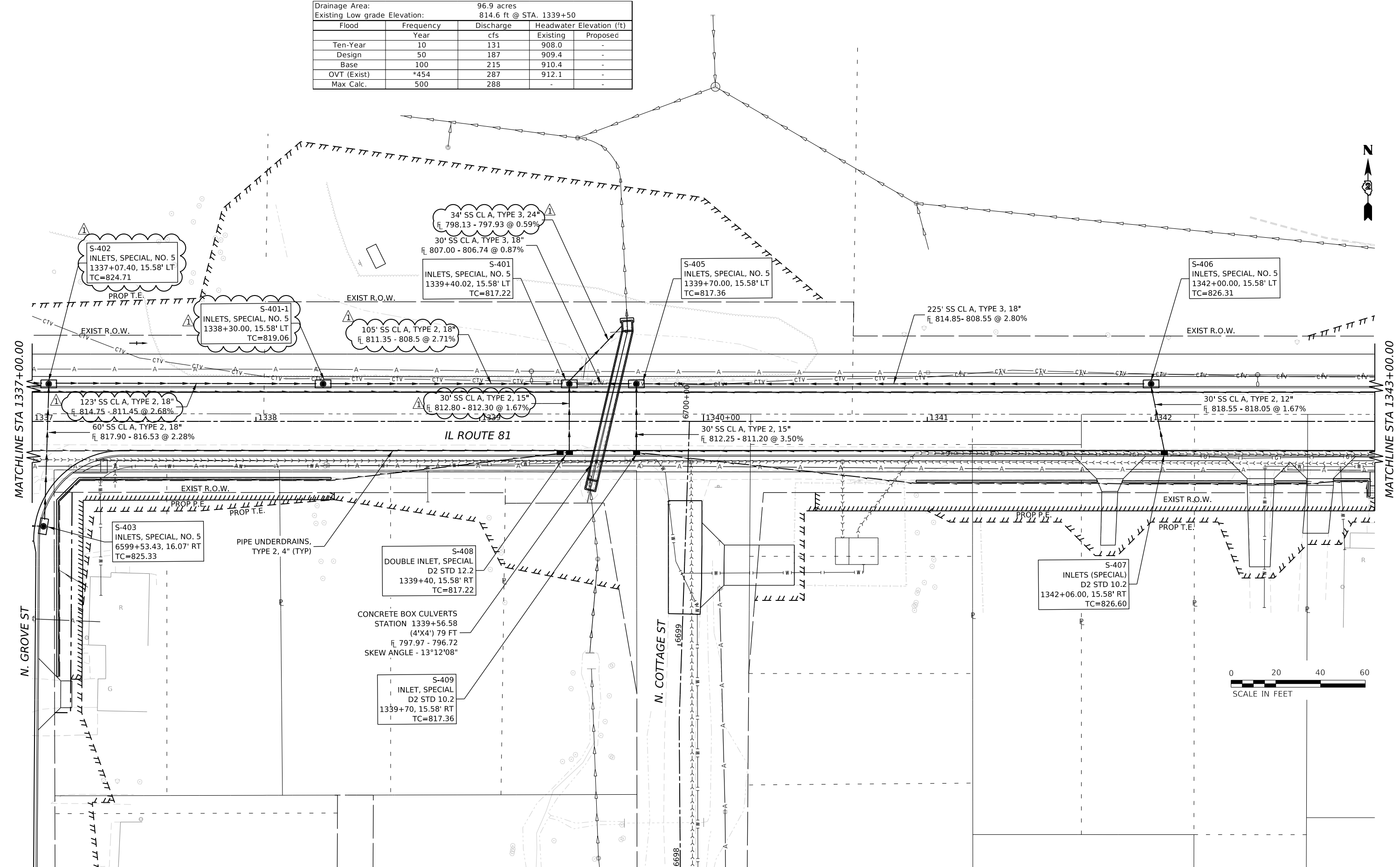
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 14 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	197
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

Drainage Area:		96.9 acres		
Existing Low grade Elevation:		814.6 ft @ STA. 1339+50		
Flood	Frequency	Discharge	Headwater Elevation (ft)	
	Year	cfs	Existing	Proposed
Ten-Year	10	131	908.0	-
Design	50	187	909.4	-
Base	100	215	910.4	-
OVT (Exist)	*454	287	912.1	-
Max Calc.	500	288	-	-



MODEL: IL81DrPr_01.dwg
FILE NAME: W:\300102200\MicroStation\CAO_Sheets\02_64L94-Drainage Plan Profile IL 81.dgn
401 E. STATE ST., 4th Floor
ROCKFORD, IL 61104
PH: 815.965.6400
WWW.IMEG.CORP.COM



401 E. STATE ST., 4th Floor
ROCKFORD, IL 61104
PH: 815.965.6400
WWW.IMEG.CORP.COM

USER NAME = Brad.S.Lange	DESIGNED - PATRICK PAUSER	REVISED - 5/20/2026
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 0.08333317" / in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 5/27/2026	DATE - 5/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81)

SCALE: 1" = 20'	SHEET 15	OF 31 SHEETS	STA.	TO STA.
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F.A.P. RTE. 611	SECTION 104R	COUNTY HENRY	TOTAL SHEETS 426	SHEET NO. 198
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	STRUCTURE NOTATION CHKO	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHKO	
	CADD FILE NAME	

MODEL: IL81_P1 - Profile 8 [Sheet]
FILE NAME: w32000103200MicroStationCAD_Sheets02_64L94-Drainage Plan Profile IL 81.dgn



401 E. STATE ST, 4th Floor
ROCKFORD, IL 61104

Ph: 815.965.6400
www.imegcorp.com

USER NAME	= Brad.S.Lange
PLOT SCALE	= 0.08333317' / in.
PLOT DATE	= 5/27/2026

DESIGNED -	PATRICK PAUSER	REVISED -	
DRAWN -	PATRICK PAUSER	REVISED -	
CHECKED -	BRAD LANGE	REVISED -	
DATE -	5/27/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81)

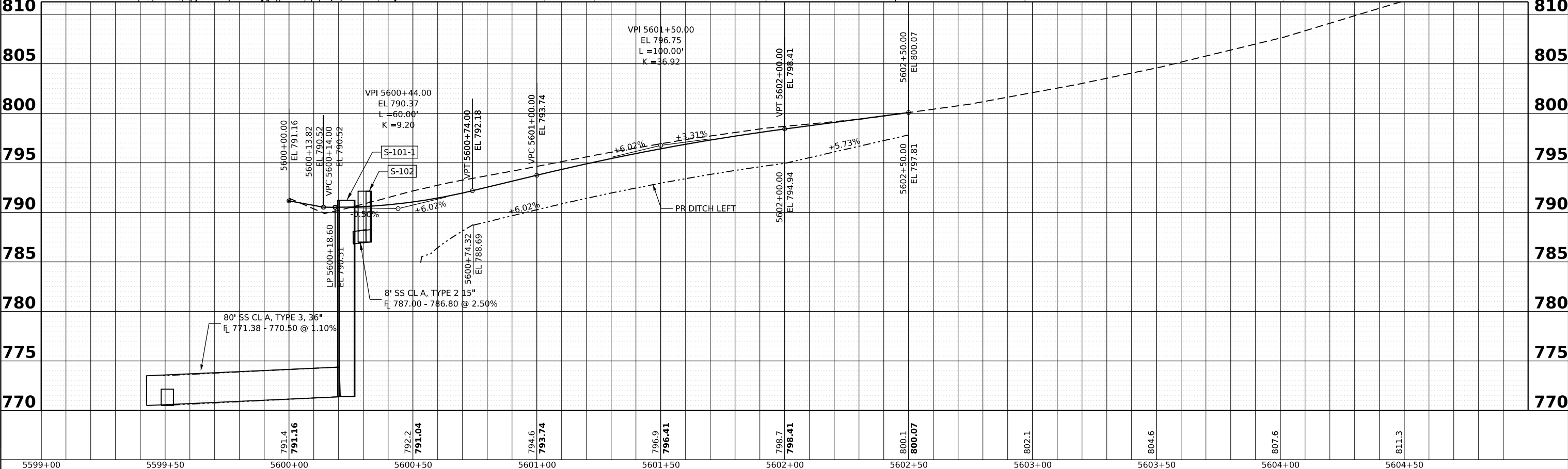
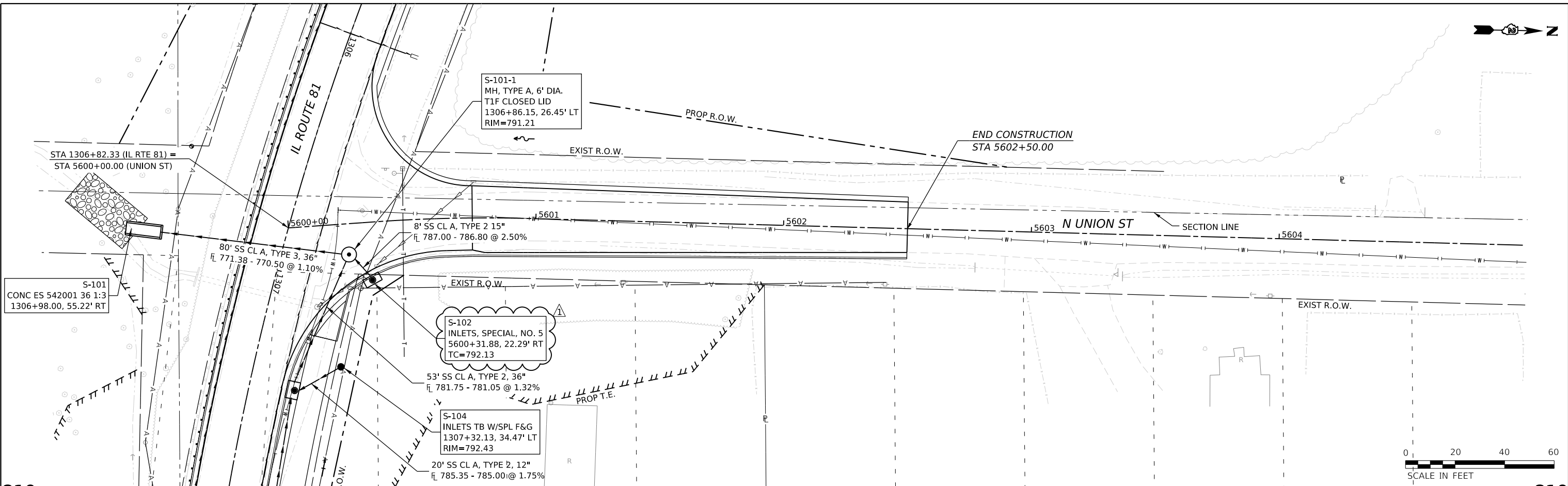
SCALE: 1" = 20' SHEET 16 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	199
CONTRACT NO. 64L94				
		ILLINOIS	FED. AID PROJECT	

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATION CHKO	
	CADD FILE NAME	

PROFILE			BY	DATE
	SURVEYED _____			
	PLOTTED _____			
NOTE BOOK	GRADES CHECKED _____			
	B.M. NOTED _____			
NO. _____	STRUCTURE NOTATION'S CHKD _____			

MODEL: UNION - Plan 1 (Sheet)
FILE NAME: W:\2020\02\00\MicroStation\CAD_Sheets\02_64L94-Drainage Plan Profile Union.dgn



USER NAME = Brad.S.Lange	DESIGNED - PATRICK PAUSER	REVISED - 5/20/2026
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 0.08333317' / in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 5/29/2026	DATE - 5/29/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

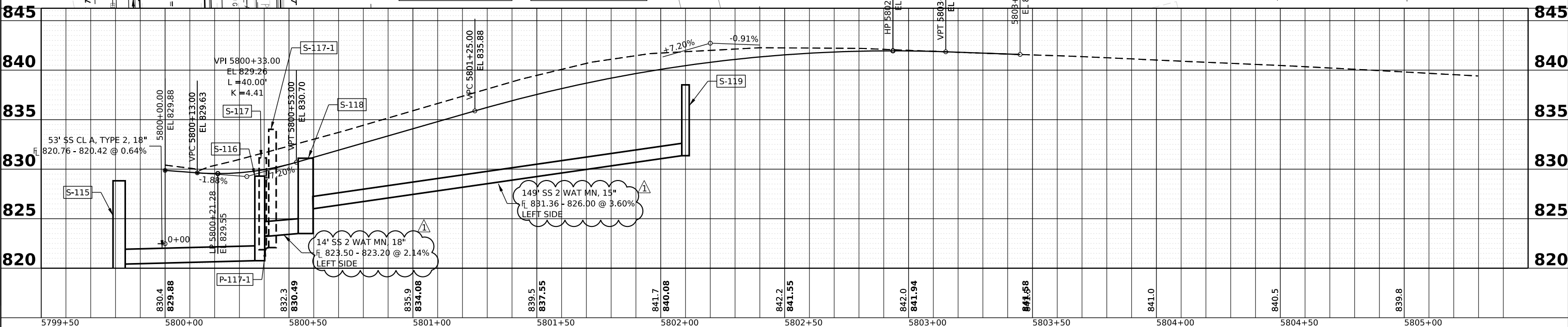
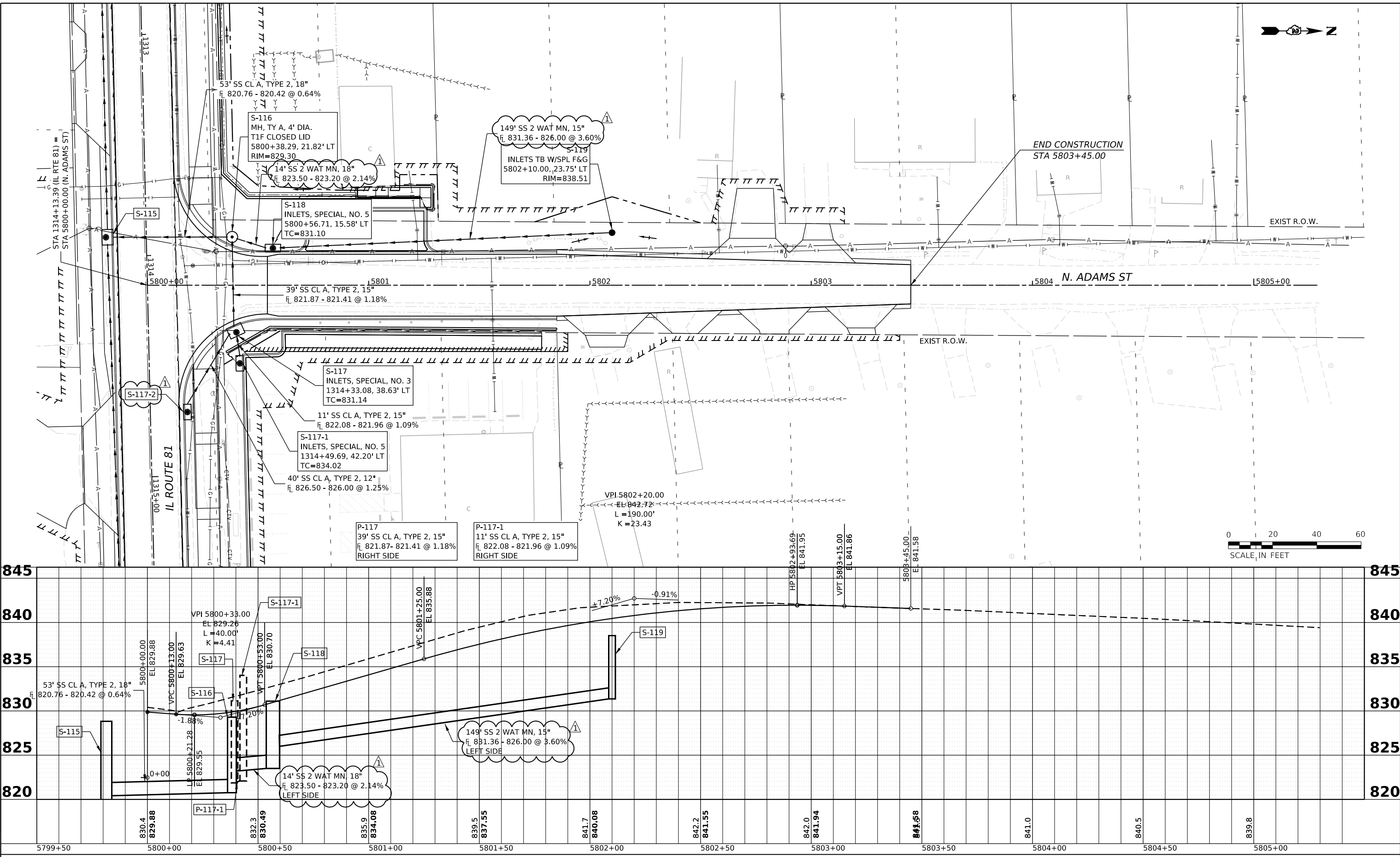
DRAINAGE PLAN & PROFILE (IL ROUTE 81 / N. UNION ST)			
SCALE: 1" = 20'	SHEET 19	OF 31 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	202
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHKD	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	CADD FILE NAME	

MODEL: ADAM (Sheet)
FILE NAME: W:\20001032\00\MicroStation\CAD_Sheets\02_64L94-Drainage Plan Profile Adam.dgn



USER NAME = Brad.S.Lange	DESIGNED - PATRICK PAUSER	REVISED - 5/20/2026
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 0.08333317''/in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 5/29/2026	DATE - 5/29/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

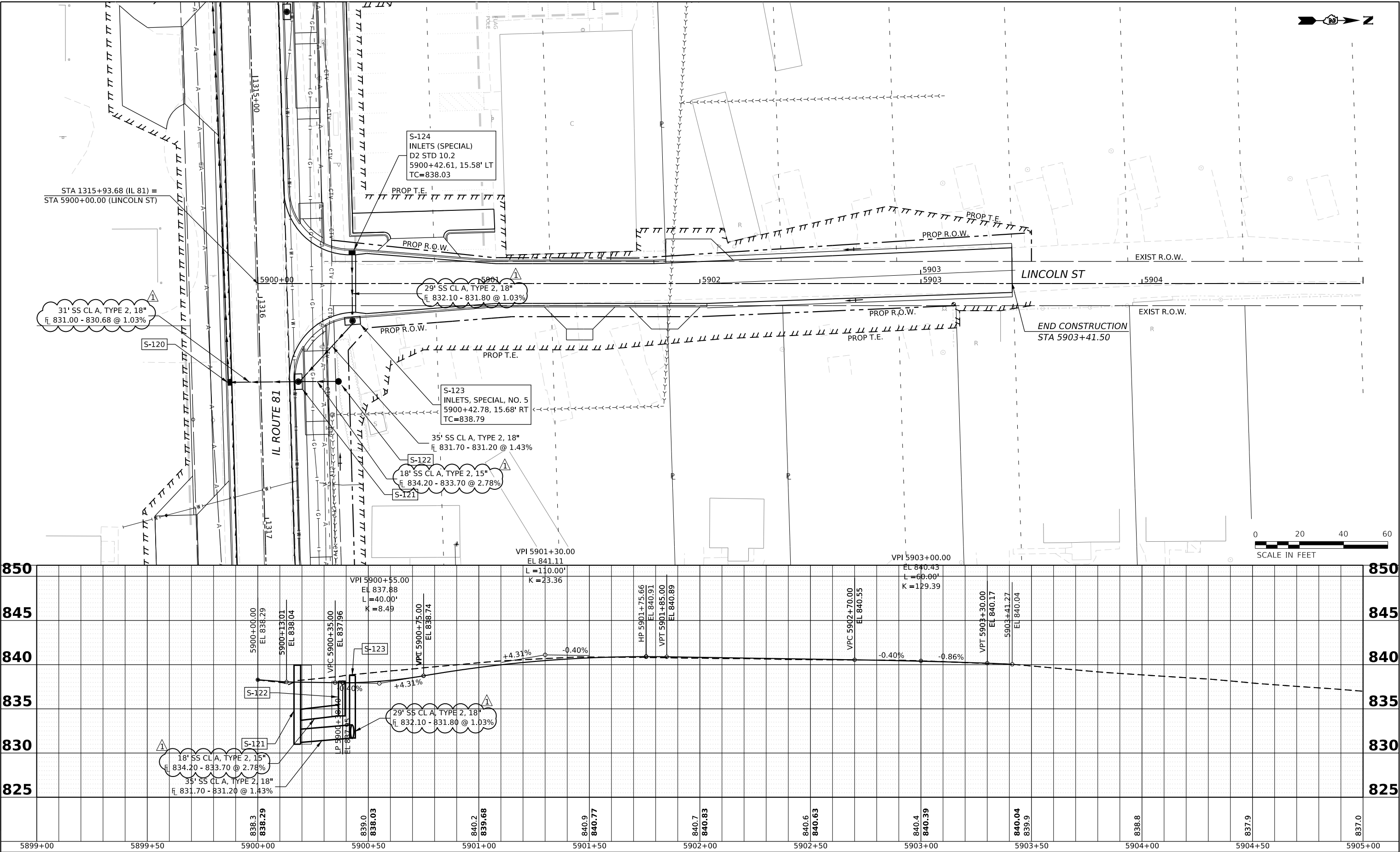
DRAINAGE PLAN & PROFILE (IL ROUTE 81 /N. ADAMS ST)			
SCALE: 1" = 20'	SHEET 21	OF 31 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	204
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	CADD FILE NAME	

PROFILE		BY	DATE
	SURVEYED _____		
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
	R.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHK'D _____		

MODEL: LINCOLN - LINCOLN PLAN (Sheet)
FILE NAME: W:\20001032\00MicroStationCAD_Sheets\02_64L94-Drainage Plan Profile Lincoln.dgn



USER NAME	= Brad.S.Lange
PLOT SCALE	= 0.08333317' / in.
PLOT DATE	= 5/29/2026

DESIGNED	- PATRICK PAUSER
DRAWN	- PATRICK PAUSER
CHECKED	- BRAD LANGE
DATE	- 5/29/2026

REVISED	- 5/20/2026
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81 / LINCOLN ST)

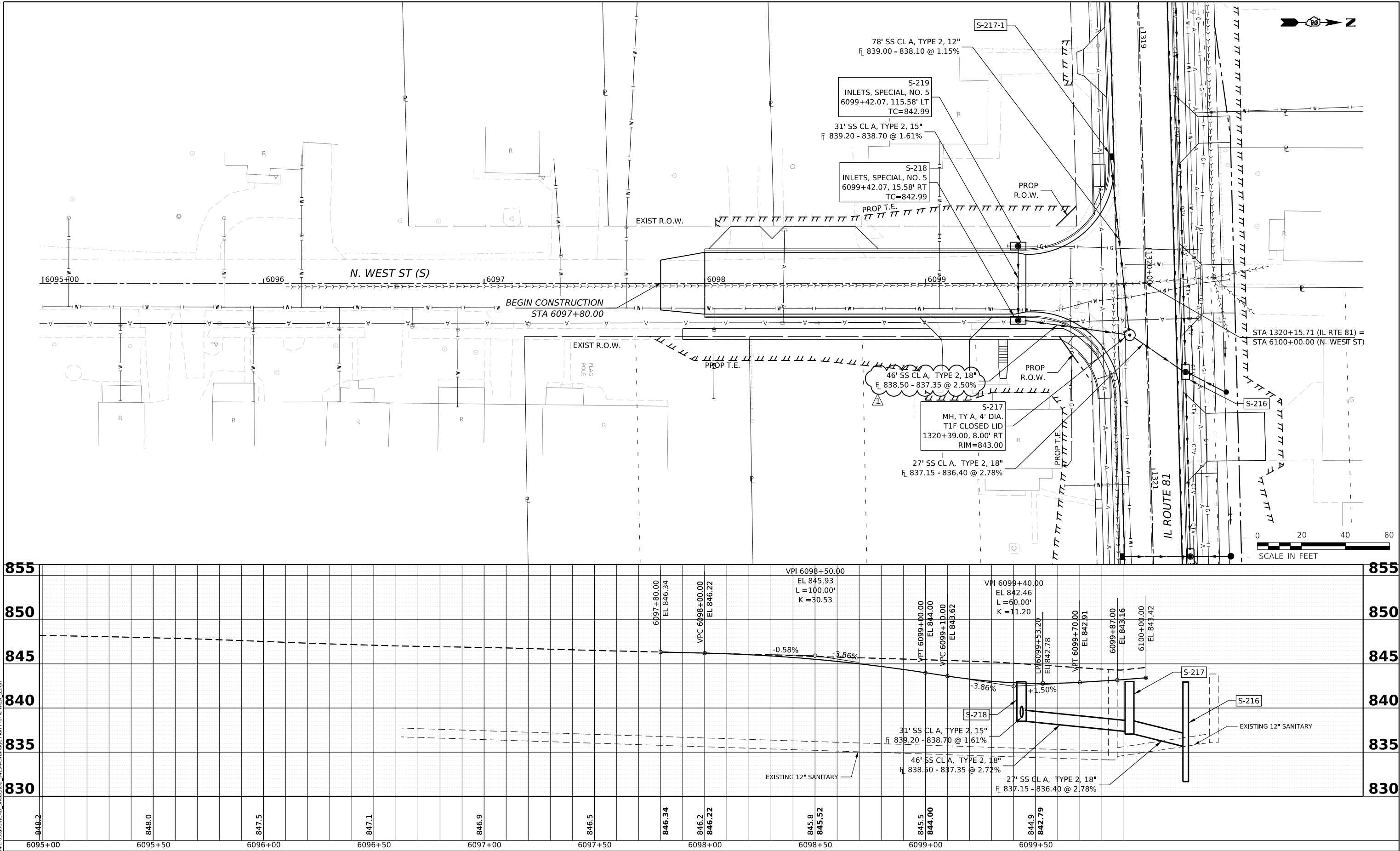
SCALE: 1" = 20' SHEET 22 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	205
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NO.	BY	
	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NO.	BY	
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	

MODEL: West Plan (Sheet)
FILE NAME: w320001032.00MicroStationCAD_Sheets02_64L94-Drainage Plan Profile West_S.dgn



USER NAME = Brad.S.Lange
PLOT SCALE = 0.08333317" / in.
PLOT DATE = 5/29/2026

DESIGNED - PATRICK PAUSER
DRAWN - PATRICK PAUSER
CHECKED - BRAD LANGE
DATE - 5/29/2026

REVISED - 5/20/2026
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81 / N. WEST ST (S))

SCALE: 1" = 20' SHEET 24 OF 31 SHEETS STA. TO STA.

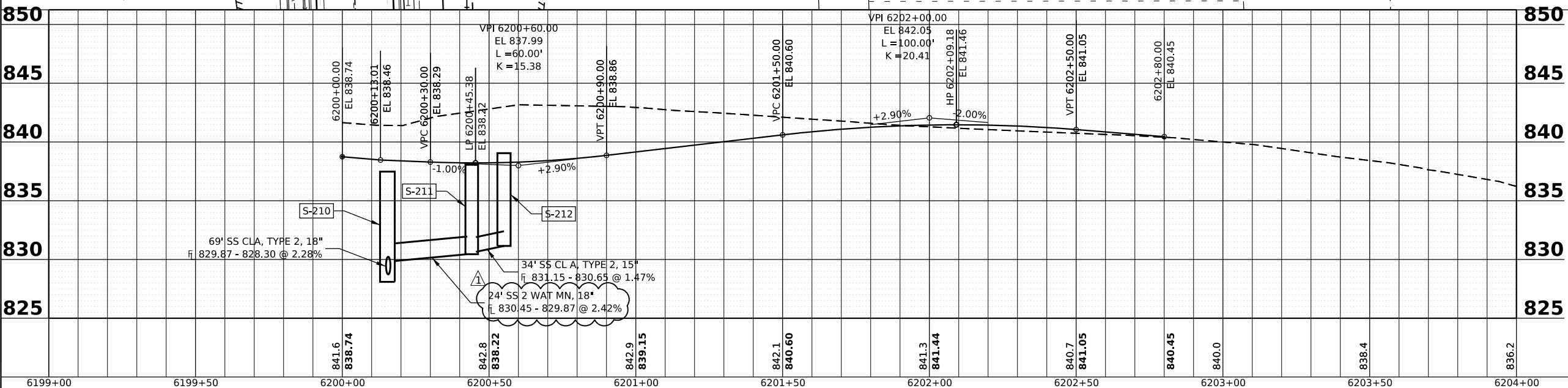
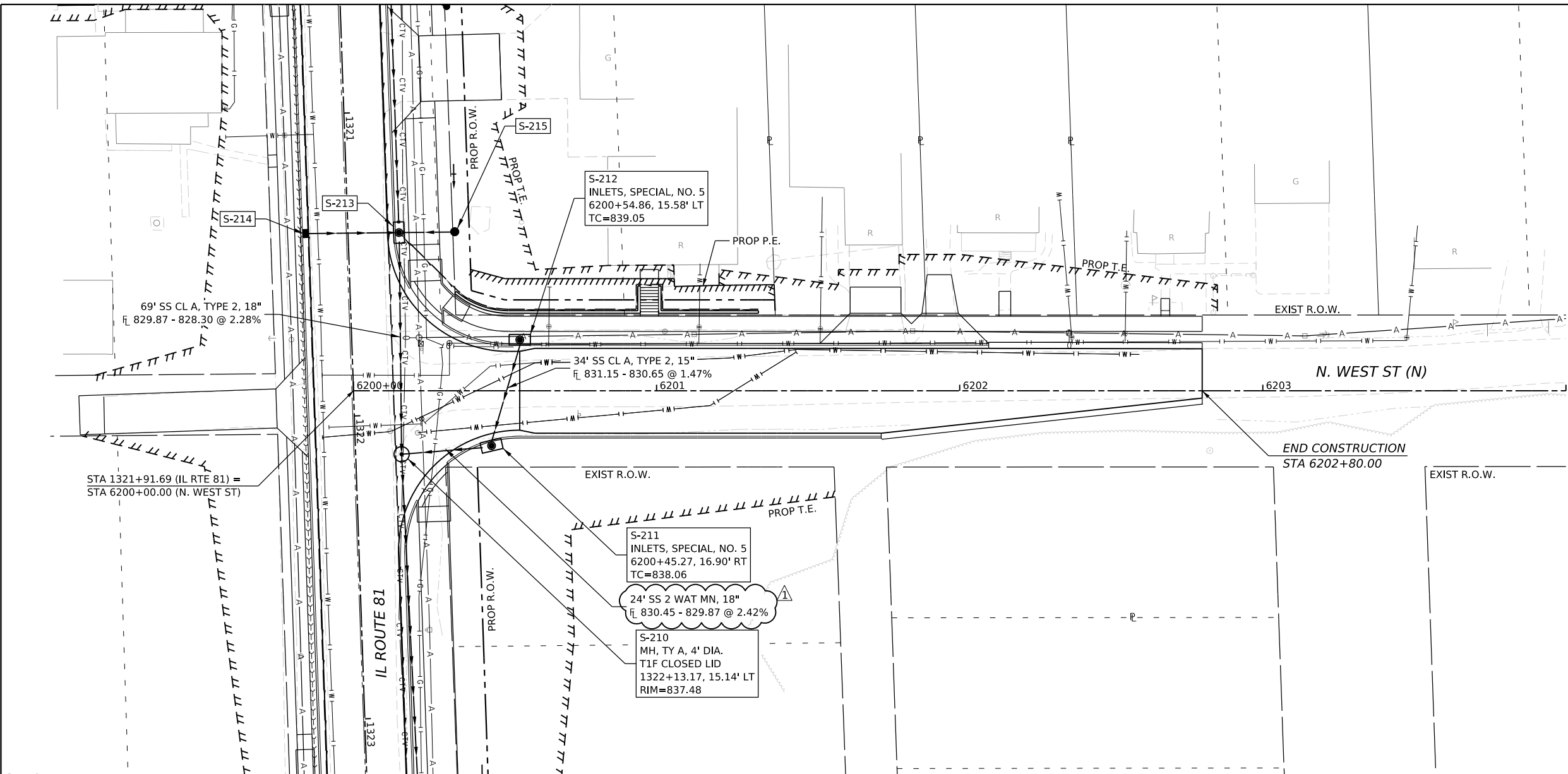
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	207
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKO	

MODEL: WEST_NORTH - Plan [Sheet]
FILE NAME: W32000103200MicroStationCAD_Sheets02_64L94-Drainage Plan Profile West_N.dgn



USER NAME = Brad.S.Lange	DESIGNED - PATRICK PAUSER	REVISED - 5/20/2026
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 0.08333317' / in.	CHECKED - BRAD LANGE	REVISED -
PLOT DATE = 5/29/2026	DATE - 5/29/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

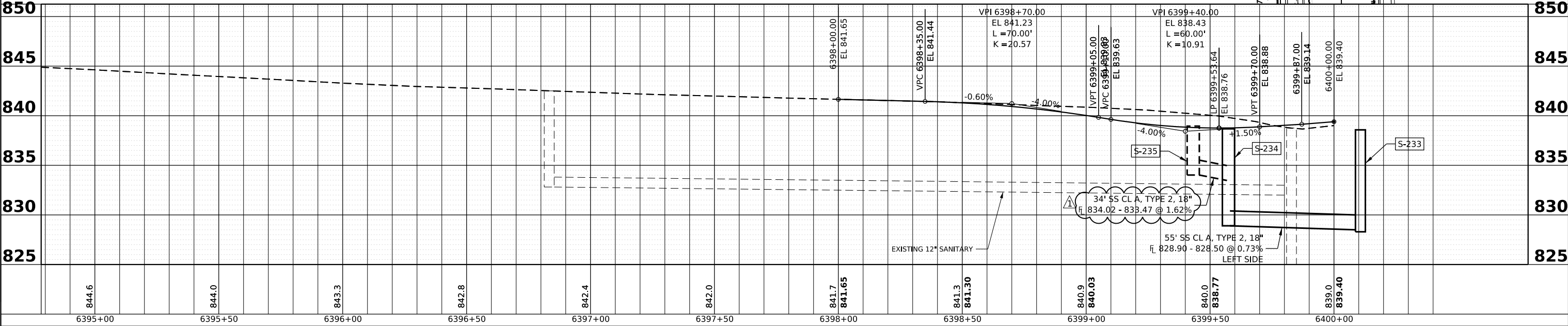
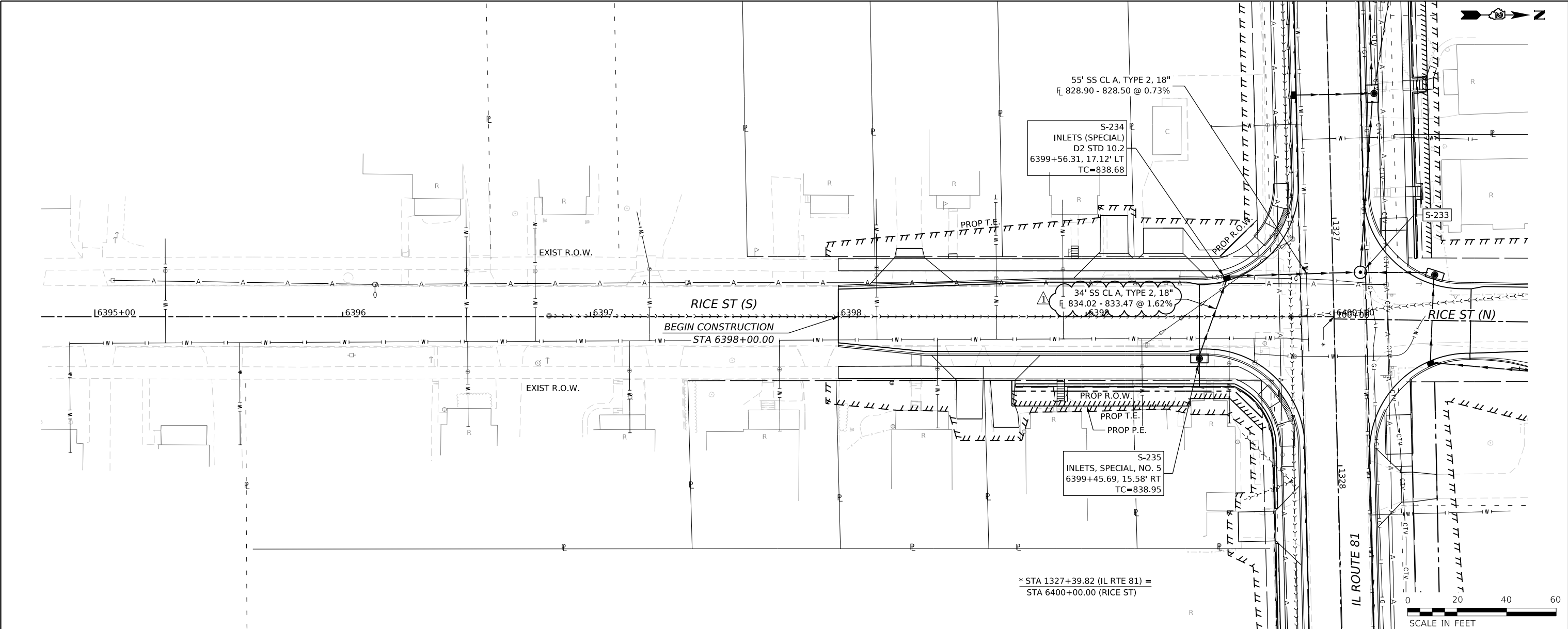
DRAINAGE PLAN & PROFILE (IL ROUTE 81 /N. WEST ST (N))			
SCALE: 1" = 20'	SHEET 25	OF 31 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	208
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	CONSTRUCTION	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKO	

MODEL: Rice Plan (Sheet)
FILE NAME: W:\2020\01032\00\MicroStation\CAD_Sheets\02_64L94-Drainage Plan Profile Rice.dgn



USER NAME = Brad.S.Lange
PLOT SCALE = 0.08333317' / in.
PLOT DATE = 5/29/2026

DESIGNED - PATRICK PAUSER
DRAWN - PATRICK PAUSER
CHECKED - BRAD LANGE
DATE - 5/29/2026

REVISED - 5/20/2026
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81 / RICE ST)

SCALE: 1" = 20' SHEET 28 OF 31 SHEETS STA. TO STA.

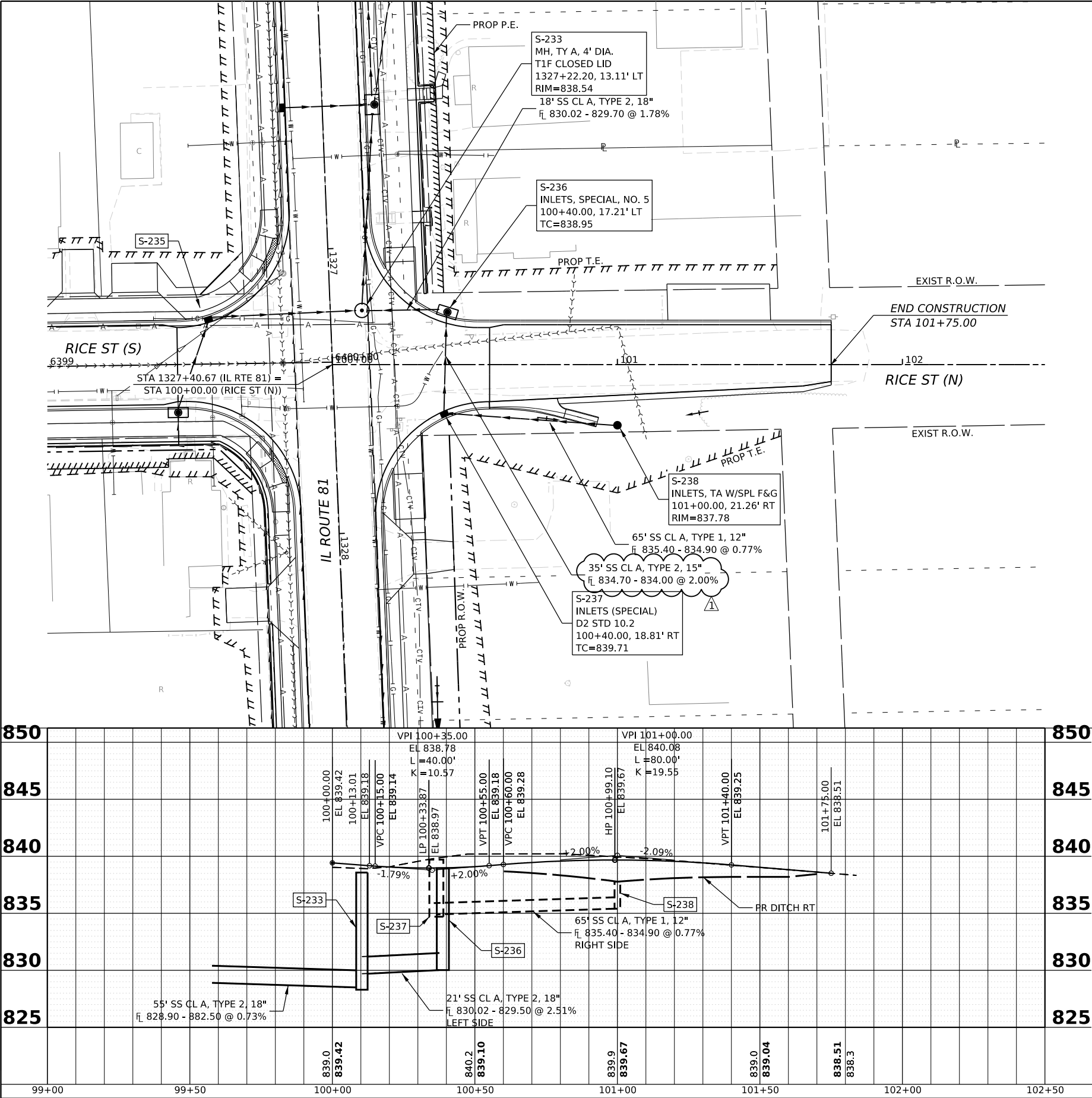
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	210
CONTRACT NO. 64L94				

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHKD	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	

MODEL: RICE_N (Sheet)
FILE NAME: W20001032.00MicroStationCAD_Sheets02_64L94-Drainage Plan Profile Rice N.dgn



USER NAME = Brad.S.Lange	DESIGNED - PATRICK PAUSER	REVISED - 5/20/2026
PLOT SCALE = 0.08333317' / in.	DRAWN - PATRICK PAUSER	REVISED -
PLOT DATE = 5/29/2026	CHECKED - BRAD LANGE	REVISED -
	DATE - 5/29/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81 /RICE ST)

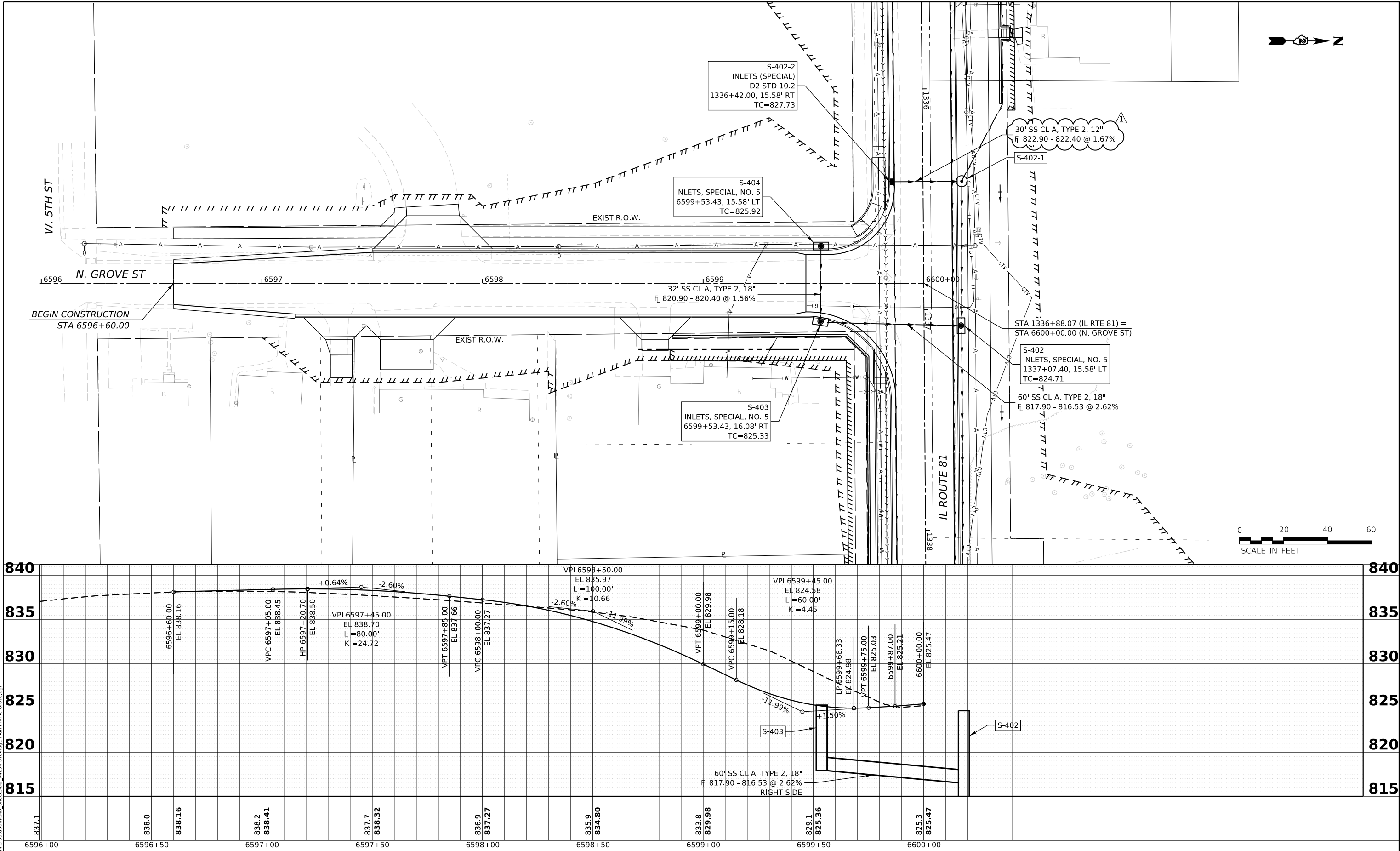
SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	211
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
	ALIGNMENT CHECKED	
	CADD FILE NAME	

PROFILE		BY	DATE
	SURVEYED _____		
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
	R.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHK'D _____		

MODEL: Grove Plan [Sheet]
FILE NAME: W:\20001032\00\MicroStation\CAD_Sheets\02_64194-Drainage Plan Profile Grove.dgn



USER NAME = Brad.S.Lange
PLOT SCALE = 0.08333317' / in.
PLOT DATE = 5/29/2026

DESIGNED - PATRICK PAUSER
DRAWN - PATRICK PAUSER
CHECKED - BRAD LANGE
DATE - 5/29/2026

REVISED - 5/20/2026
REVISED -
REVISED -
REVISED -

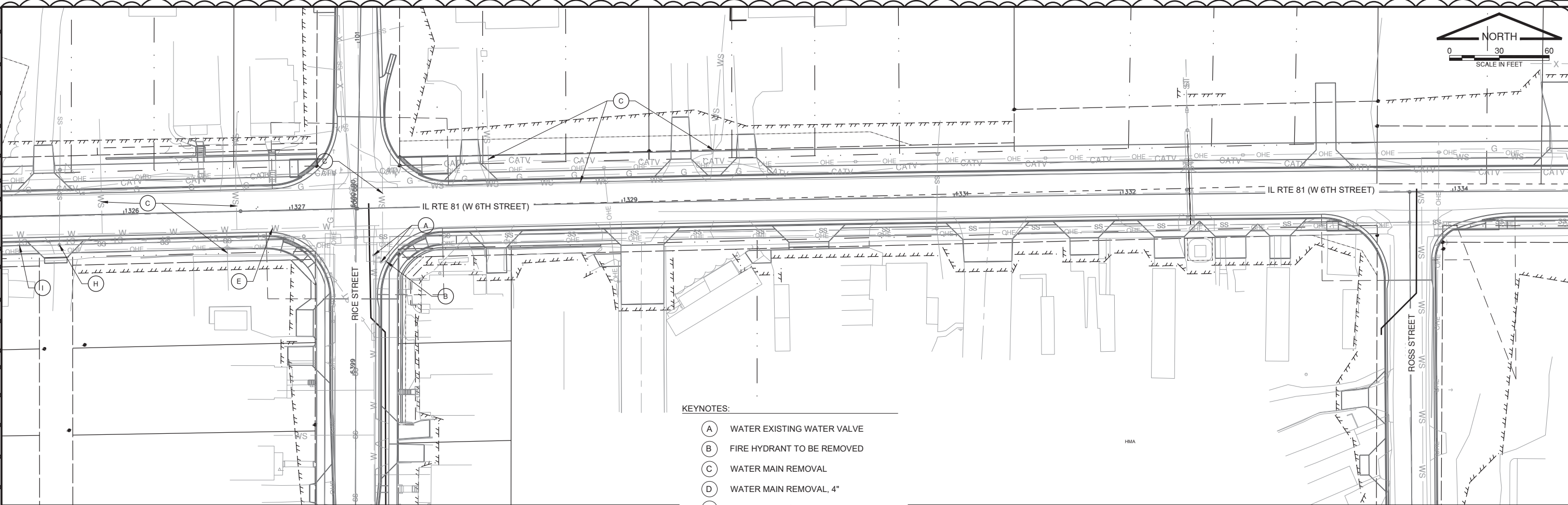
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
(IL ROUTE 81 / N. GROVE ST)

SCALE: 1" = 20' SHEET 30 OF 31 SHEETS STA. TO STA.

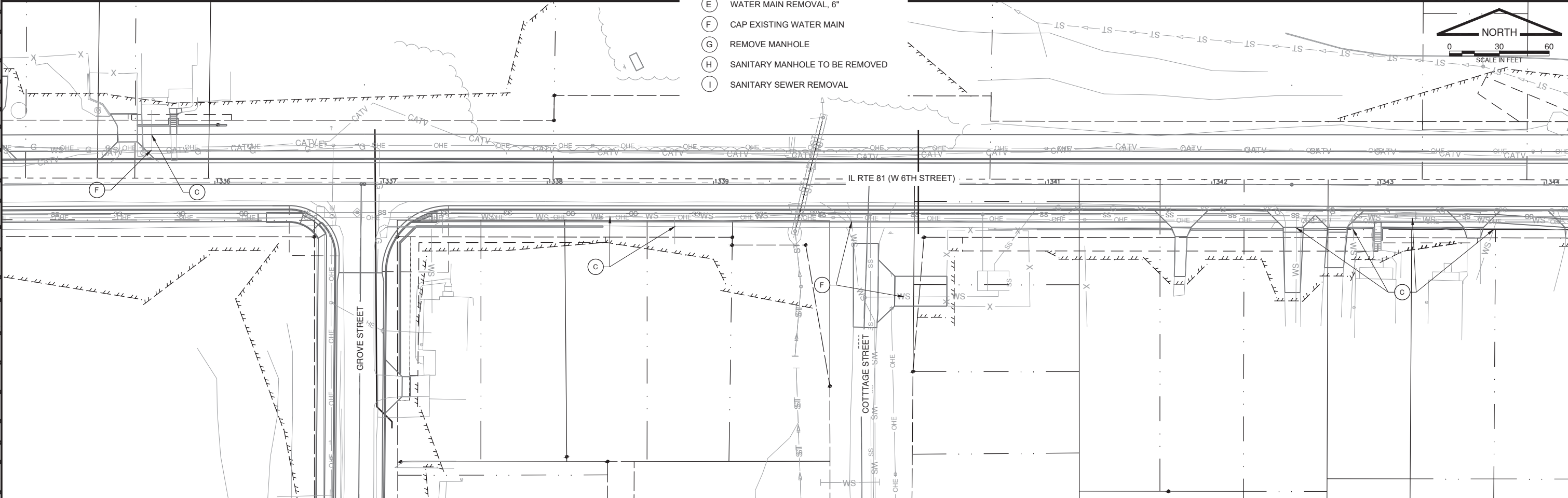
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	213
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

MODEL: 220B
FILE NAME: I:\Projects\2609477-00-IL-RTE-81-Watermain-Sanitary-Removal\Drawings\Sheet\220B.dwg



KEYNOTES:

- (A) WATER EXISTING WATER VALVE
- (B) FIRE HYDRANT TO BE REMOVED
- (C) WATER MAIN REMOVAL
- (D) WATER MAIN REMOVAL, 4"
- (E) WATER MAIN REMOVAL, 6"
- (F) CAP EXISTING WATER MAIN
- (G) REMOVE MANHOLE
- (H) SANITARY MANHOLE TO BE REMOVED
- (I) SANITARY SEWER REMOVAL



USER NAME = obuehler

DESIGNED - ANB

REVISED -

DRAWN - ANB/SND

REVISED -

CHECKED - SLD

REVISED -

PLOT DATE = 5/22/2026

DATE - MAY 2026

REVISED -

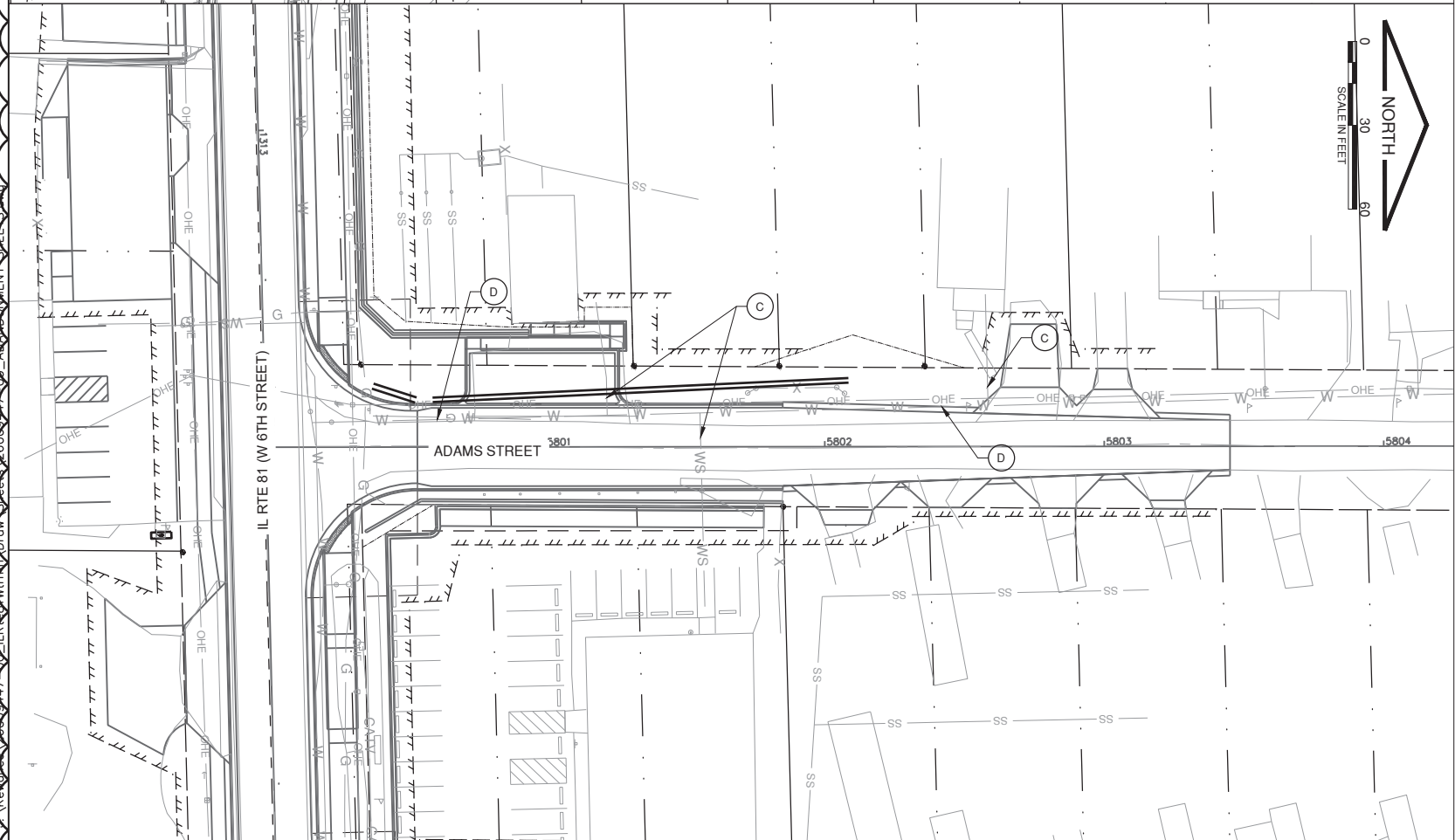
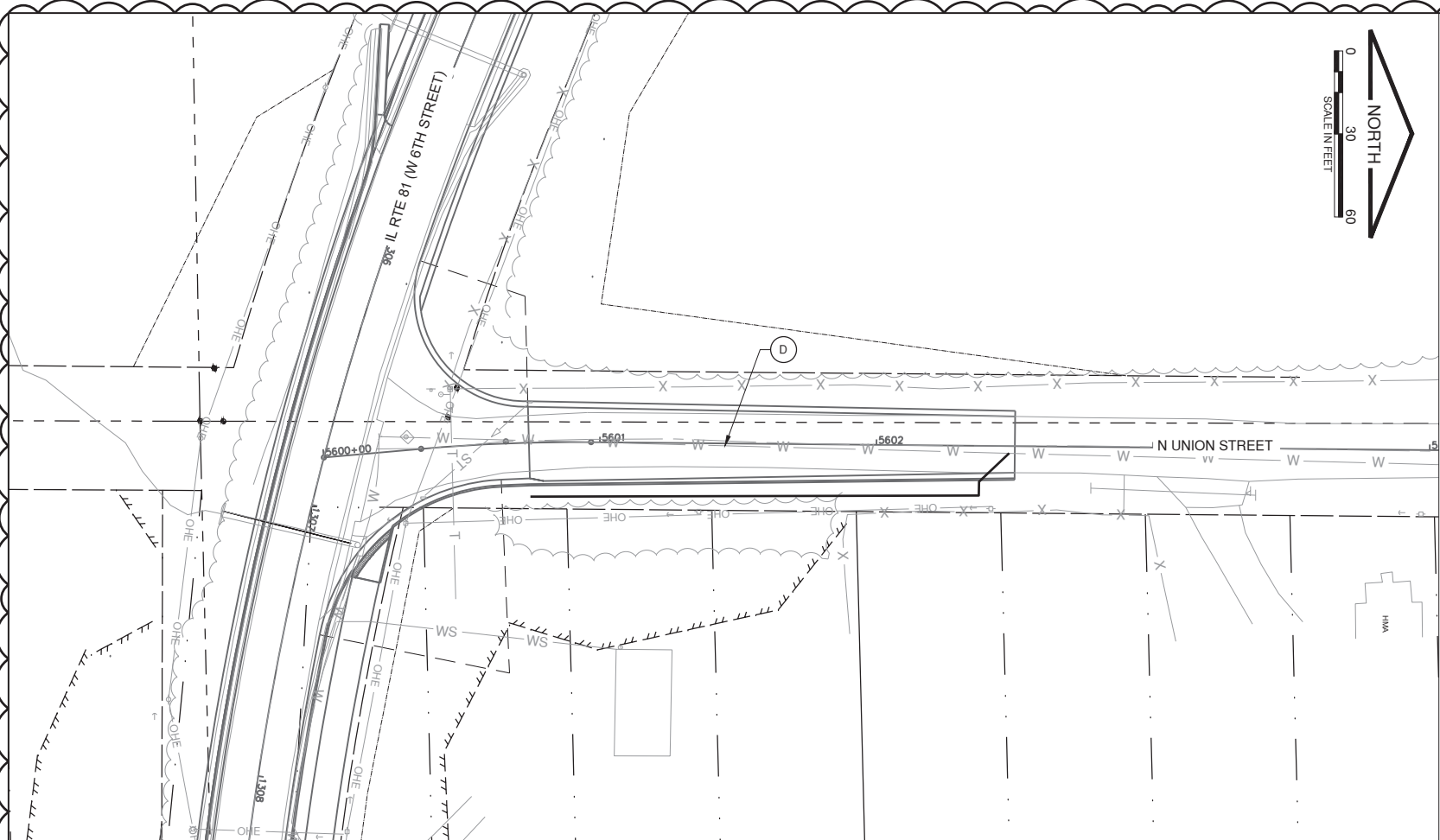
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN / SANITARY REMOVAL
(IL ROUTE 81)

SCALE: 1" = 30' SHEET 220B OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	HENRY	426	220B
64L94			

ADDED SHEET 6/1/26



- (A) REMOVE EXISTING WATER VALVE
- (B) FIRE HYDRANT TO BE REMOVED
- (C) WATER MAIN REMOVAL
- (D) WATER MAIN REMOVAL, 4"
- (E) WATER MAIN REMOVAL, 6"
- (F) CAP EXISTING WATER MAIN
- (G) REMOVE MANHOLE
- (H) SANITARY MANHOLE TO BE REMOVED
- (I) SANITARY SEWER REMOVAL

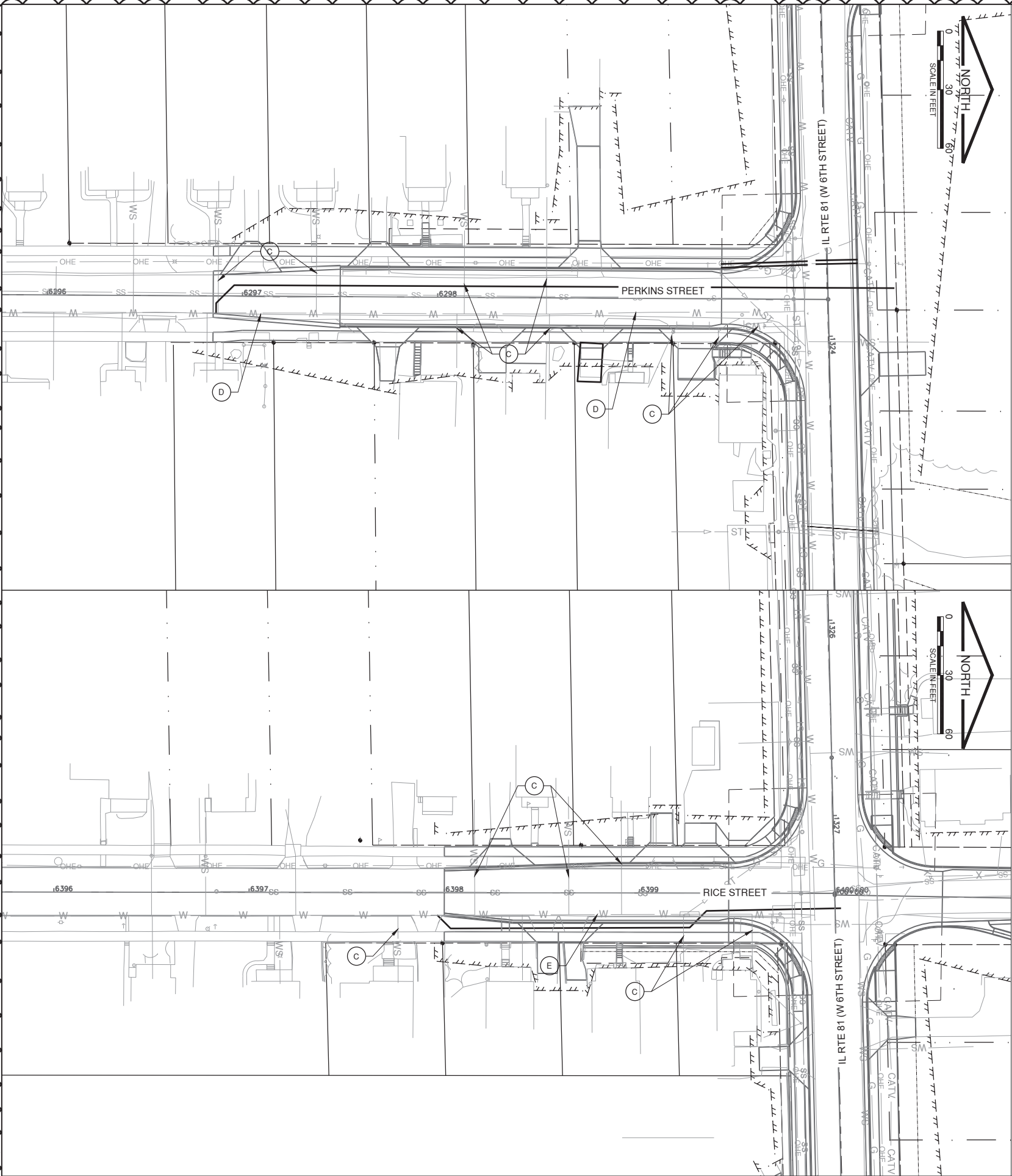
WATERMAIN / SANITARY REMOVAL
(IL ROUTE 81 / UNION & ADAMS ST)

SCALE: 1" = 30'	SHEET 220D OF 426 SHEETS	STA.	TO STA.
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1 ADDED SHEET 6/1/26

MODEL: 2200
FILE NAME: \\RenOpen\26009477-00-TRN-84\TRN0107AW_Sheets\20009477-00-AR\RANDOMMENT_SHEETS.dwg

MODEL: 220F
FILE NAME: \\cmt\project\26609477-00-IL-RTE-81-W6TH-ST-02-AS-BUILDMENT-SHEETS.dwg



- KEYNOTES:
- (A) REMOVE EXISTING WATER VALVE
 - (B) FIRE HYDRANT TO BE REMOVED
 - (C) WATER MAIN REMOVAL
 - (D) WATER MAIN REMOVAL, 4"
 - (E) WATER MAIN REMOVAL, 6"
 - (F) CAP EXISTING WATER MAIN
 - (G) REMOVE MANHOLE
 - (H) SANITARY MANHOLE TO BE REMOVED
 - (I) SANITARY SEWER REMOVAL



USER NAME = obuehler
PLOT DATE = 5/22/2026

DESIGNED - ANB
DRAWN - ANB/SND
CHECKED - SLD
DATE - MAY 2026

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN / SANITARY REMOVAL
(IL ROUTE 81 / PERKINS & RICE ST)

SCALE: 1" = 30' SHEET 220F OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	220F
64L94			

ADDED SHEET 6/1/26

MODEL: 220G
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USER NAME = obuehler
PLOT DATE = 5/21/2026

DESIGNED - ANB
DRAWN - ANB/SND
CHECKED - SLD
DATE - MAY 2026

REVISED -
REVISED -
REVISED -
REVISED -

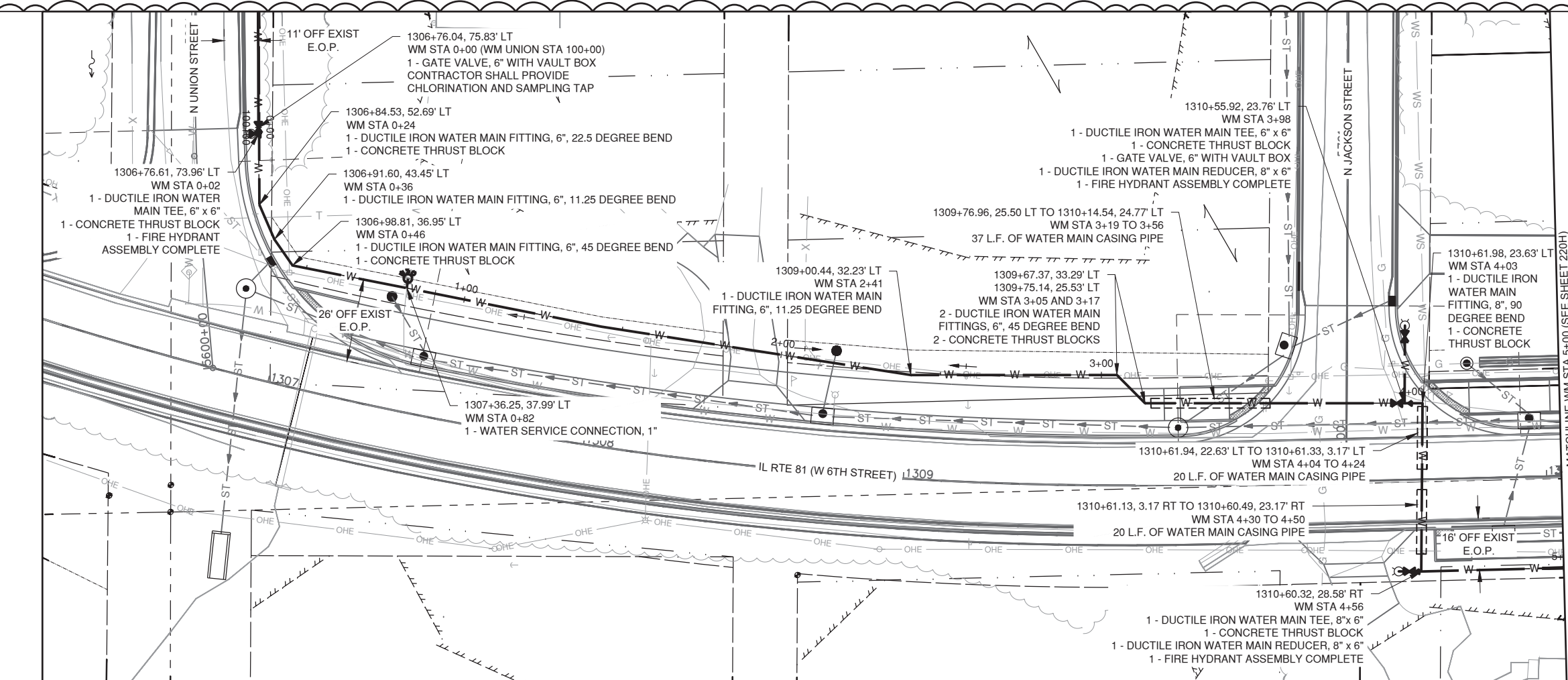
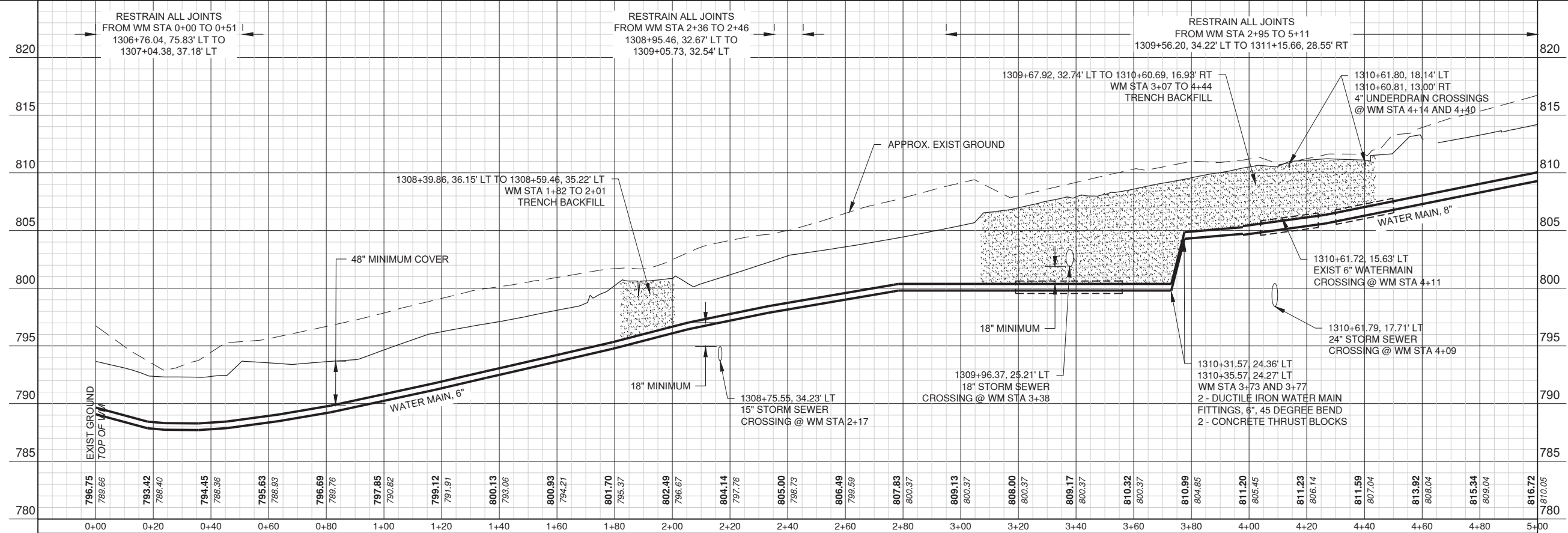
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 220G OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	220G
64L94			

ADDED SHEET 6/1/26



MODEL: 220H
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USER NAME = obuehler
PLOT DATE = 5/21/2026

DESIGNED - ANB
DRAWN - ANB/SND
CHECKED - SLD
DATE - MAY 2026

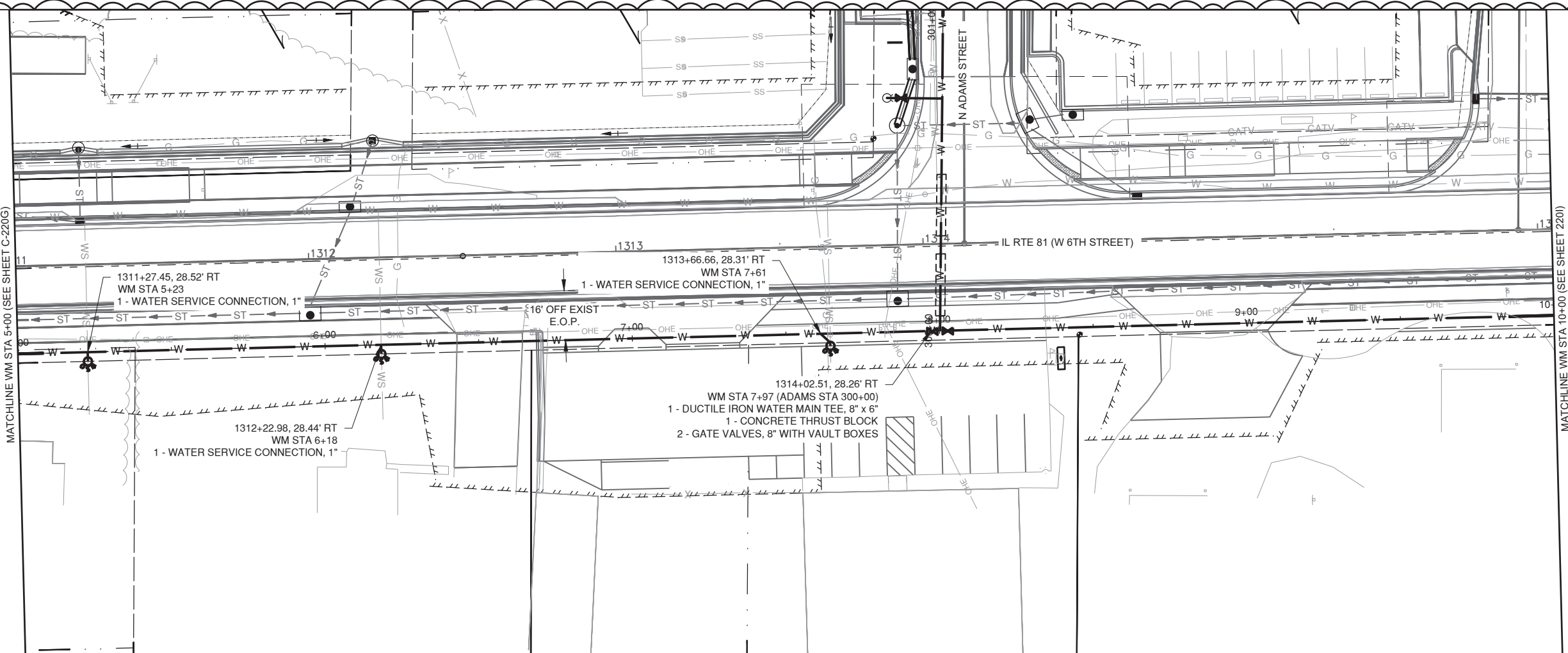
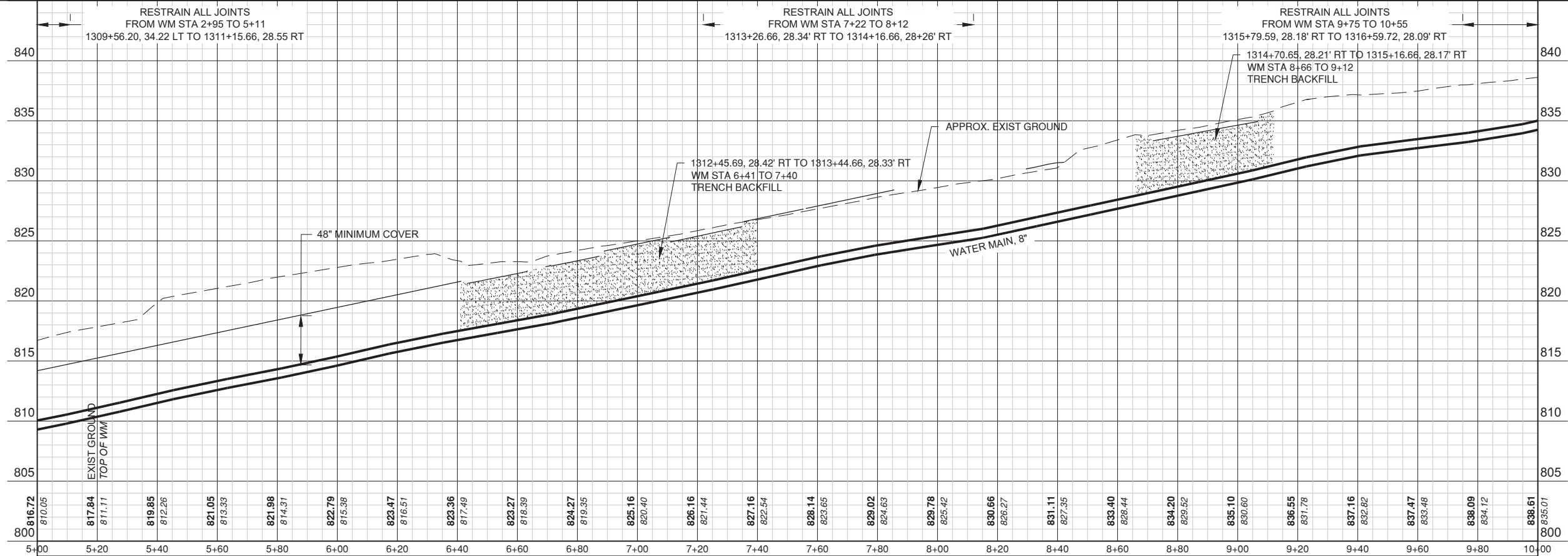
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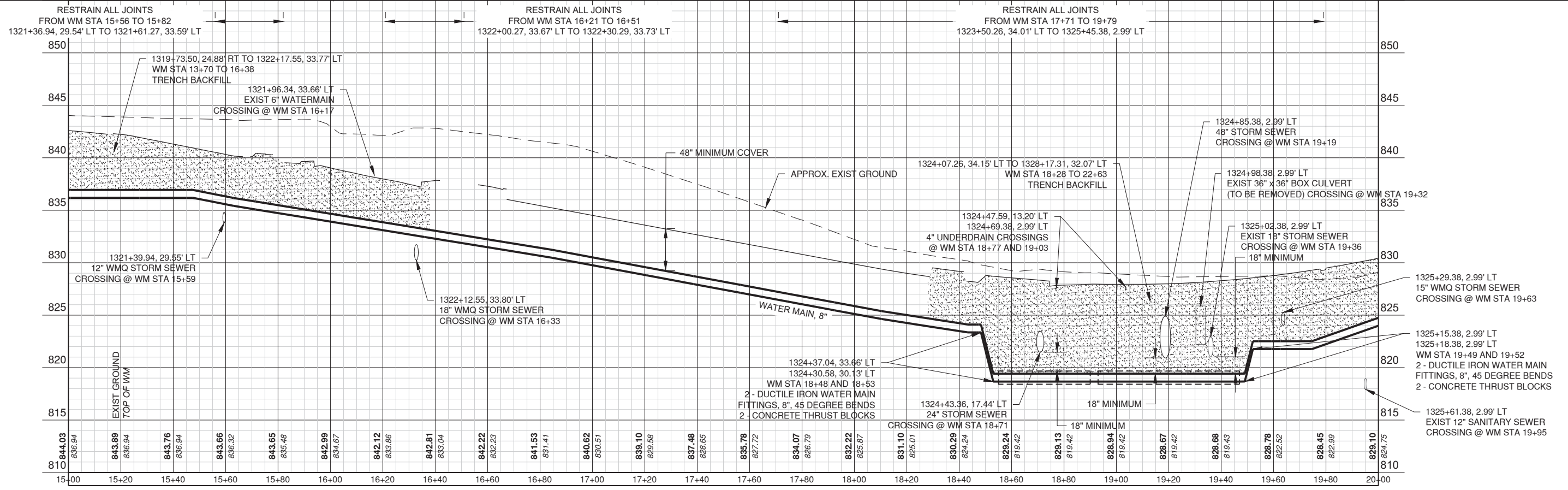
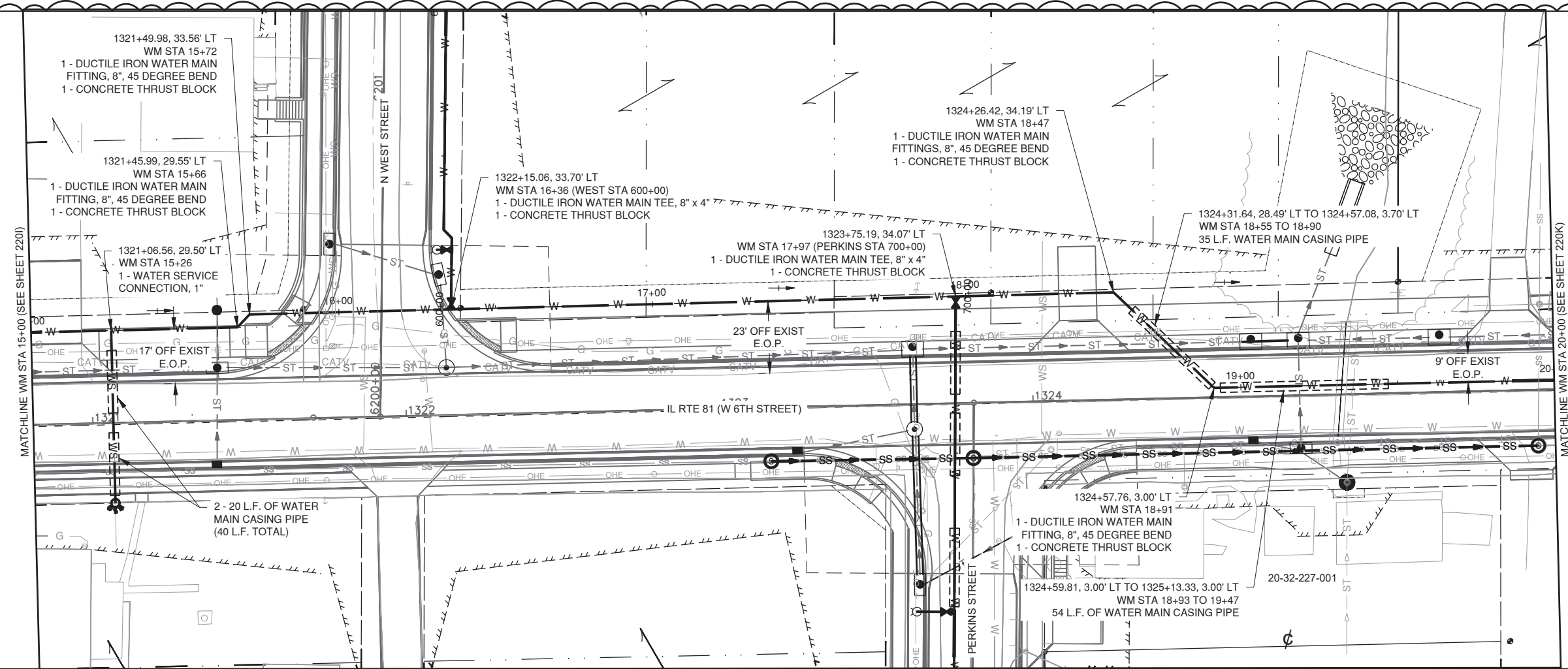
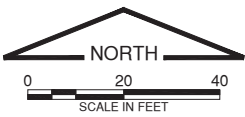
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 220H OF 426 SHEETS STA. TO STA.

SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	220H
		ILLINOIS	64L94	





MODEL: 220J
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	DRAWN - ANB/SND	REVISED -
	CHECKED - SLD	REVISED -
PLOT DATE = 5/21/2026	DATE - MAY 2026	REVISED -

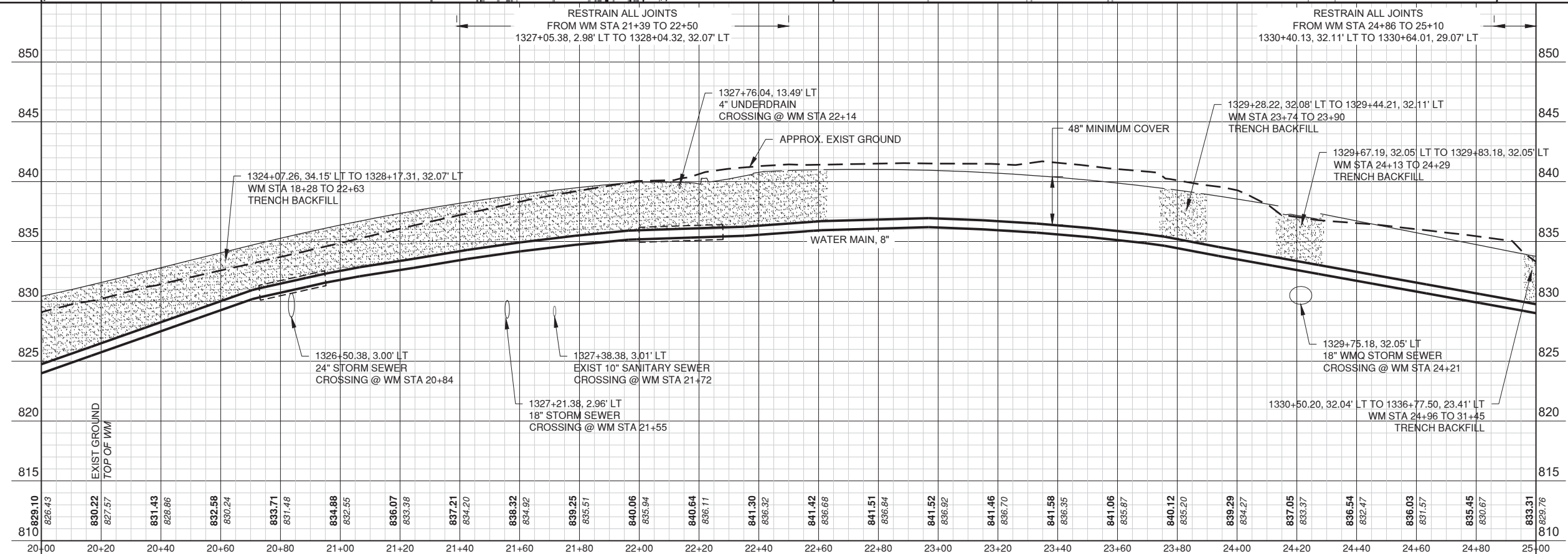
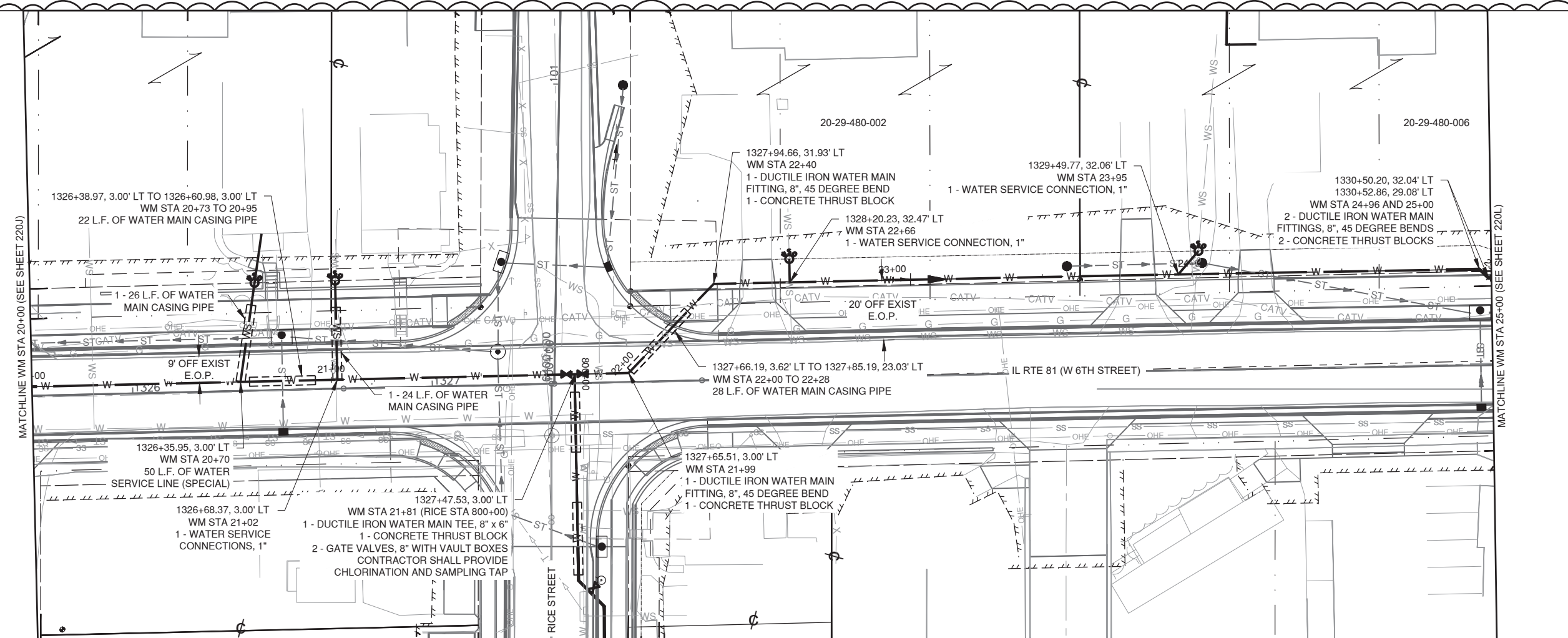
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 220J OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	220J
64L94			

ADDED SHEET 6/1/26



MODEL: 220K



USER NAME	=	obuehler
PLOT DATE	=	5/22/2026

DESIGNED	— ANB
DRAWN	— ANB/SND
CHECKED	— SLD
DATE	— MAY 2026

REVISED	—
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REVISED	—
REVISED	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81)

SCALE: 1" = 20'	SHEET 220K OF 426 SHEETS	STA.	TO STA.
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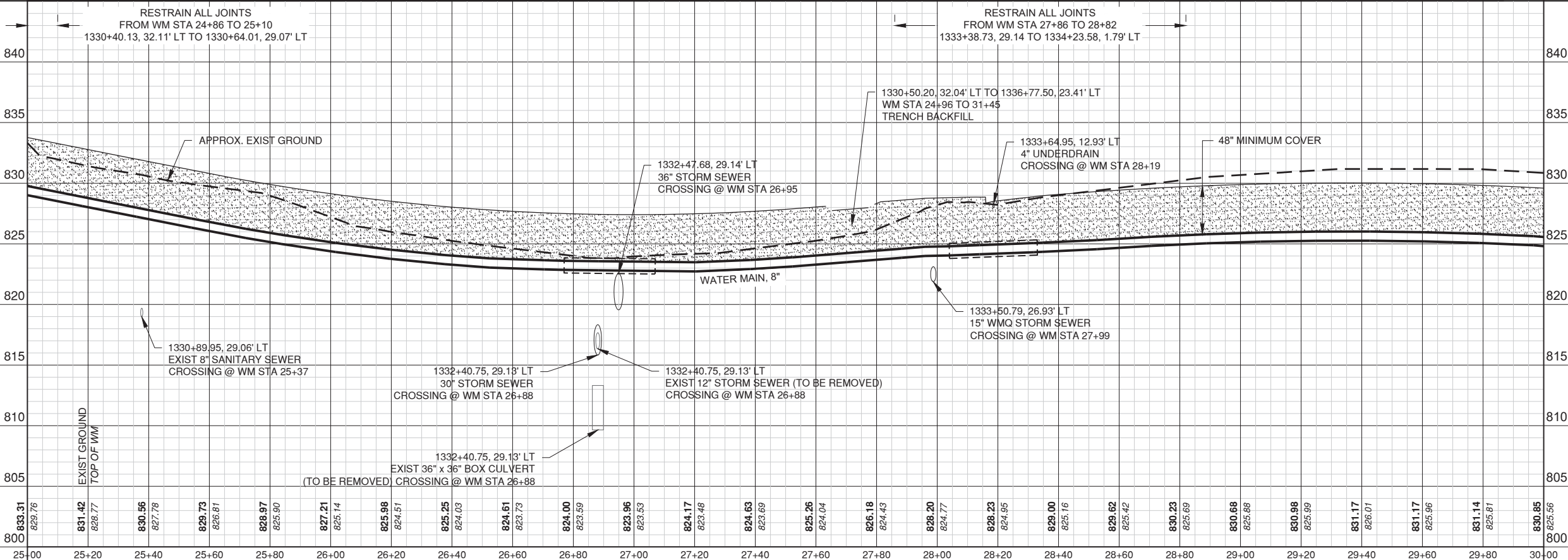
	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	220K
		64L94		
ILLINOIS				

1 ADDED SHEET 6/1/26



MATCHLINE WM STA 25+00 (SEE SHEET 220K)

MATCHLINE WM STA 30+00 (SEE SHEET 220M)



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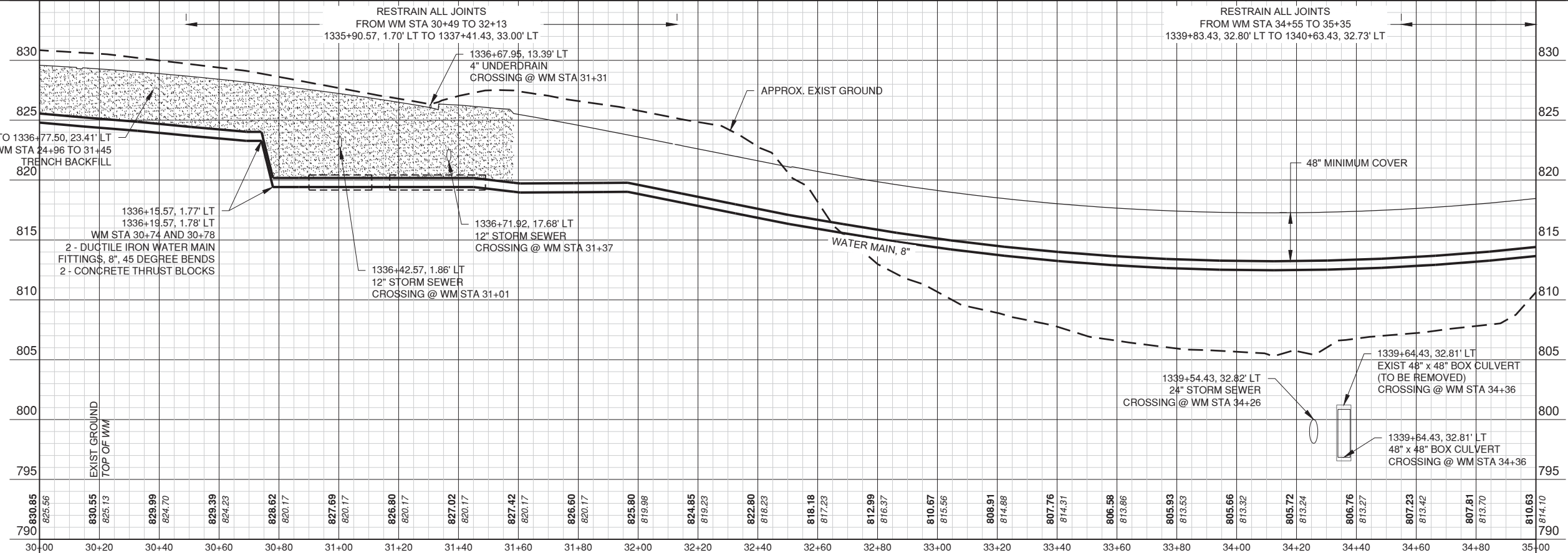
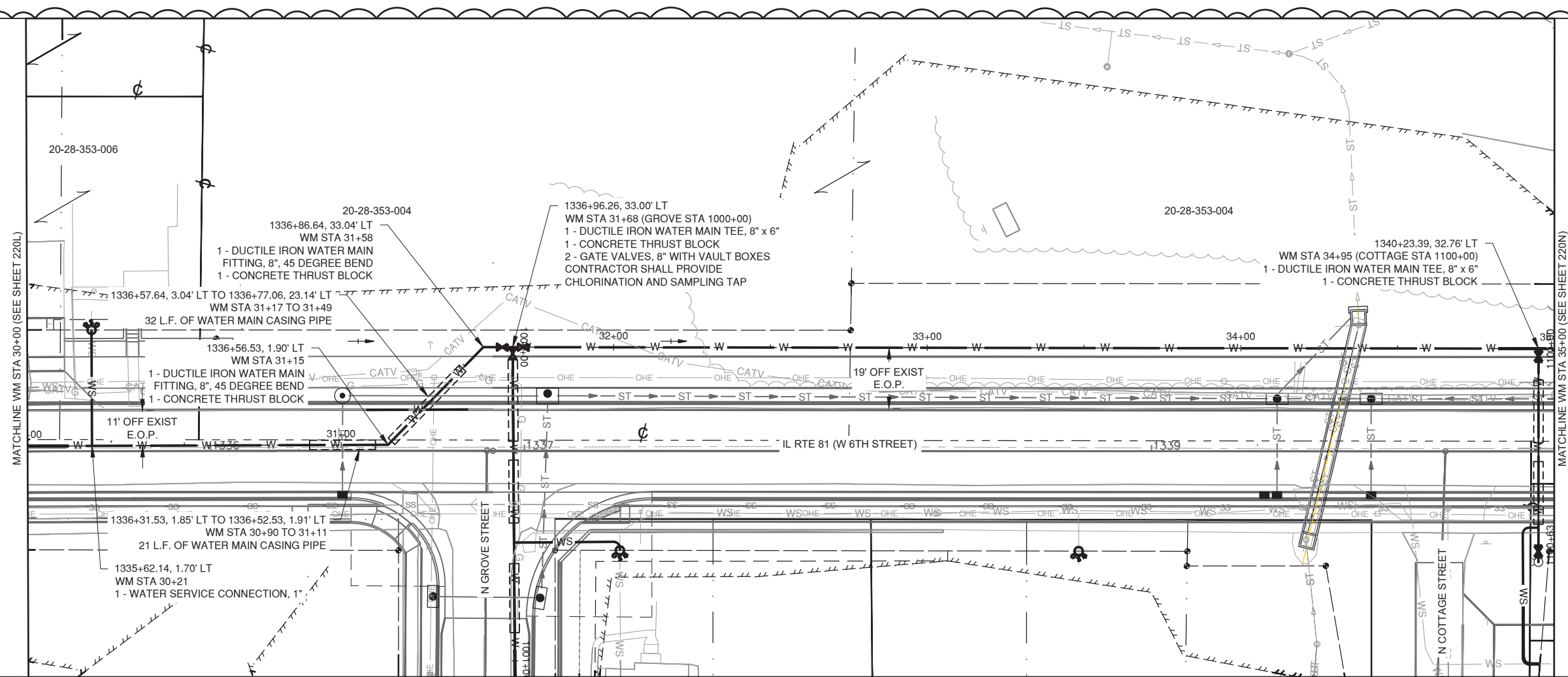
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PLOT DATE = 5/21/2026	DATE - MAY 2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 220L OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	220L
64L94			



MODEL: 220N
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PLOT DATE = 5/21/2026

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CHECKED - SLD
DATE - MAY 2026

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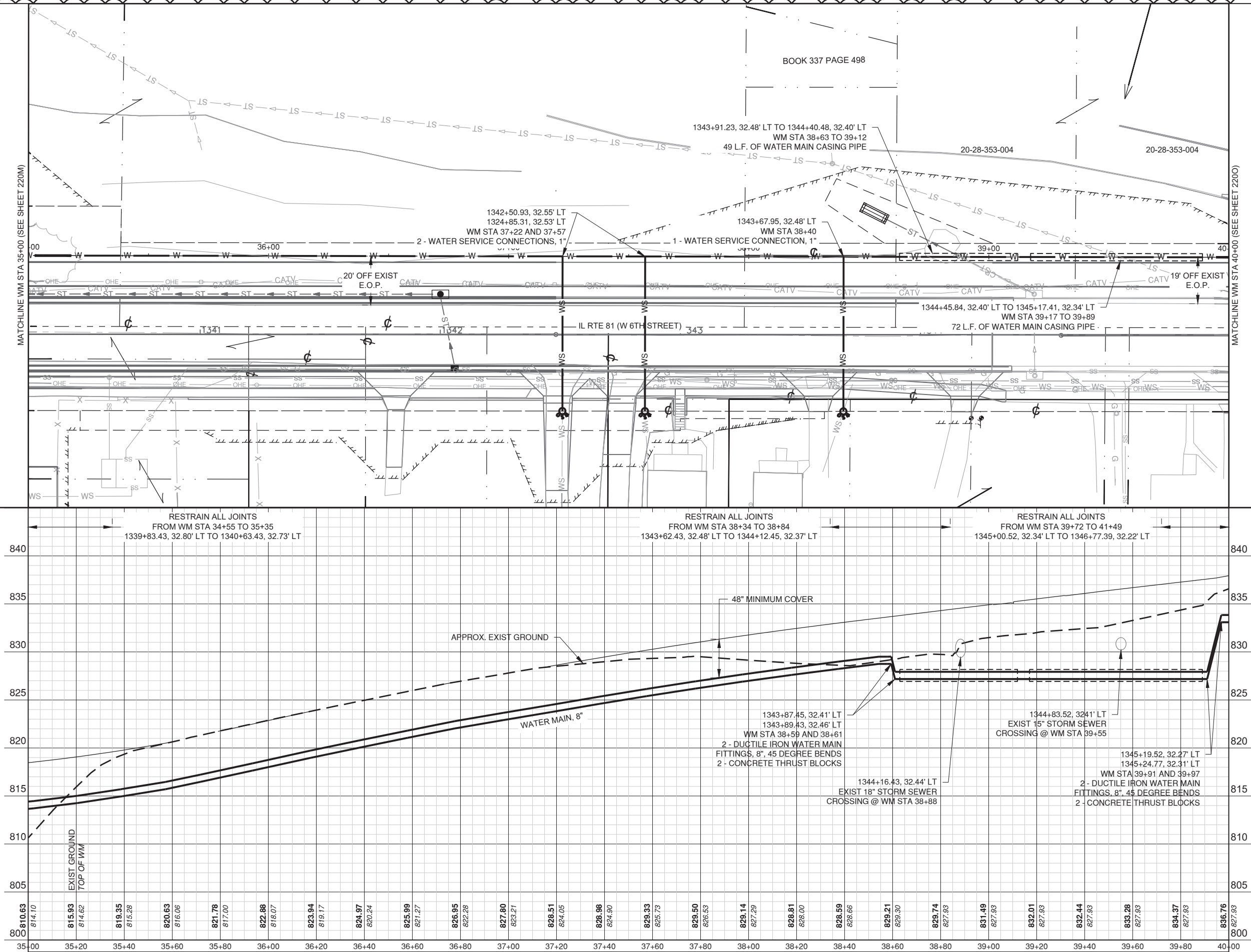
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 220N OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	220N
64L94			

11/26/2026 ADDED SHEET 6/1/26



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REVISED -

DRAWN - ANB/SND

REVISED -

CHECKED - SLD

REVISED -

PLOT DATE = 5/22/2026

DATE - MAY 2026

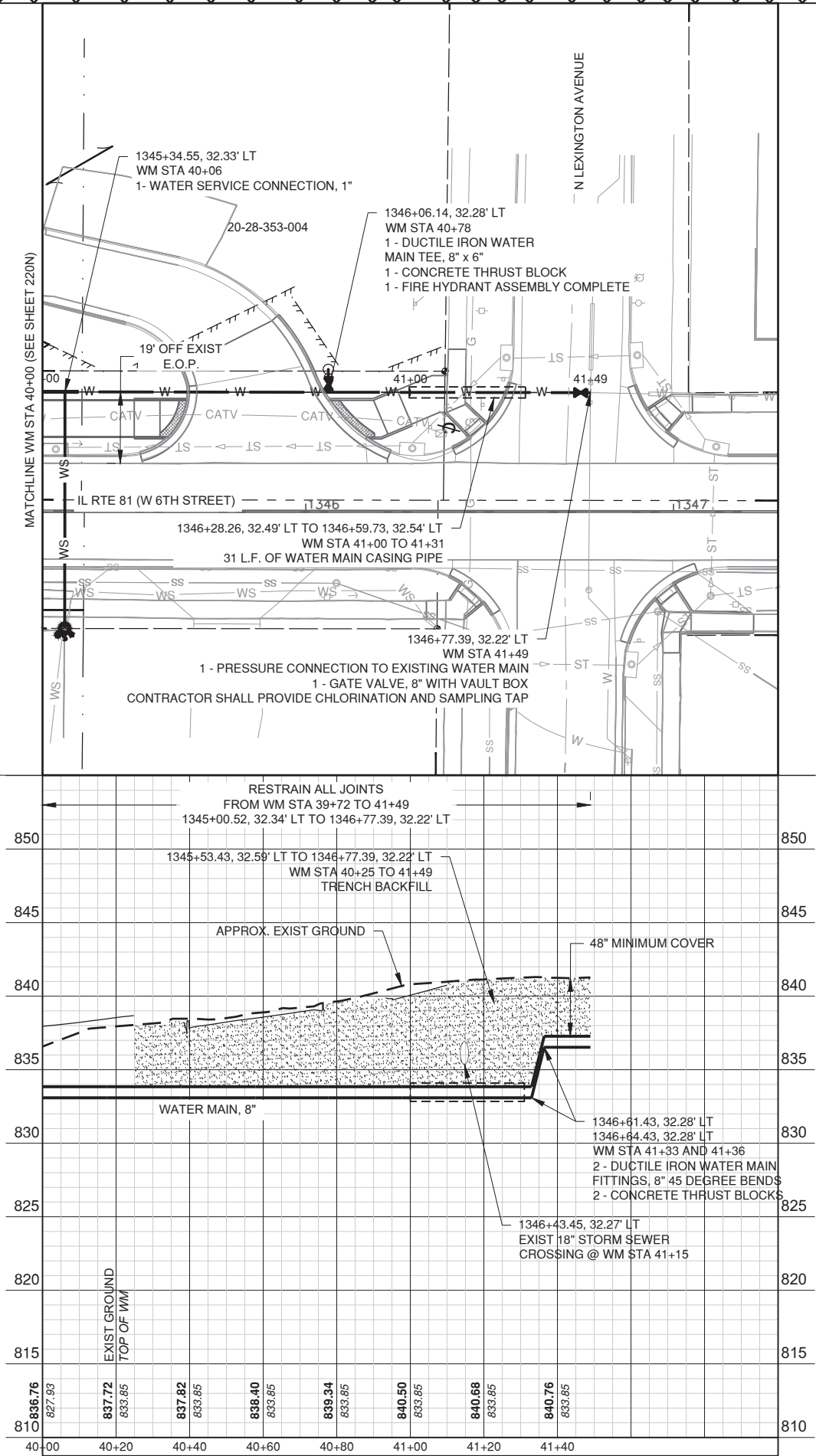
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 2200 OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	2200
64L94			
ILLINOIS			



MODEL: UNION
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DATE - MAY 2026

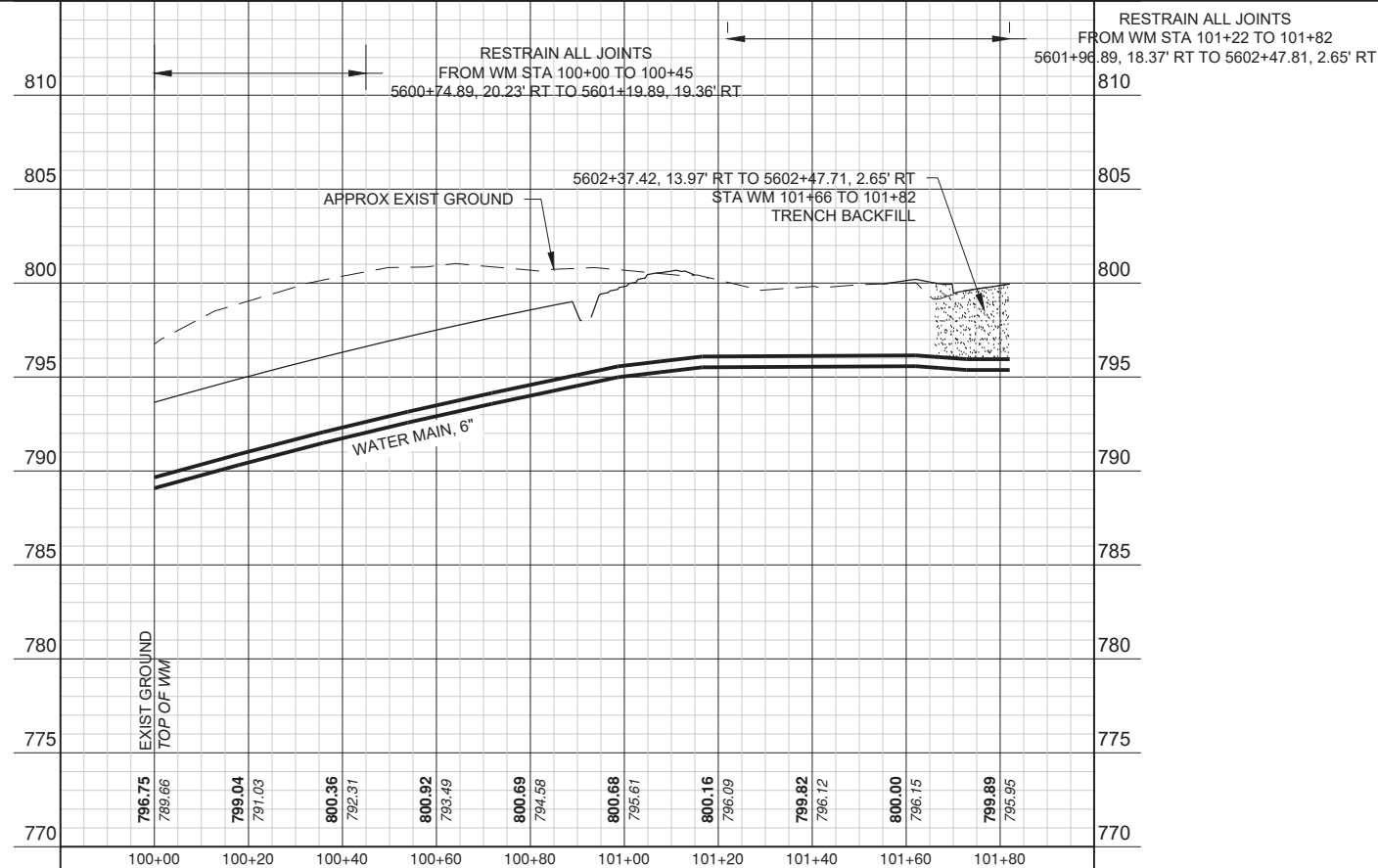
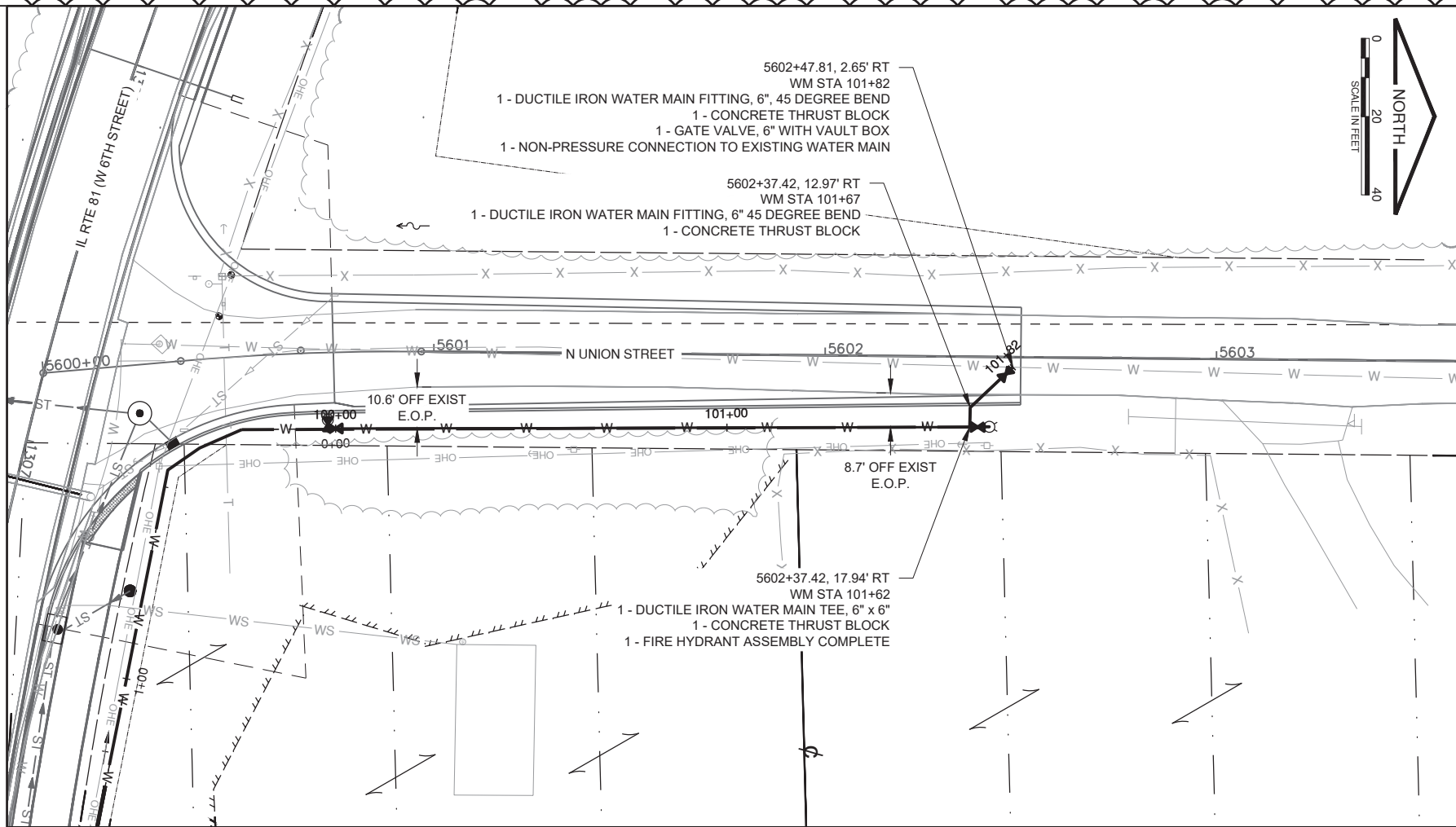
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81 / UNION ST)

SCALE: 1" = 20' SHEET 220J OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	220J
64L94			
ILLINOIS			



MODEL: ADAMS ST
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USER NAME = obuehler
PLOT DATE = 5/21/2026

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DATE - MAY 2026

REVISED -
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REVISED -

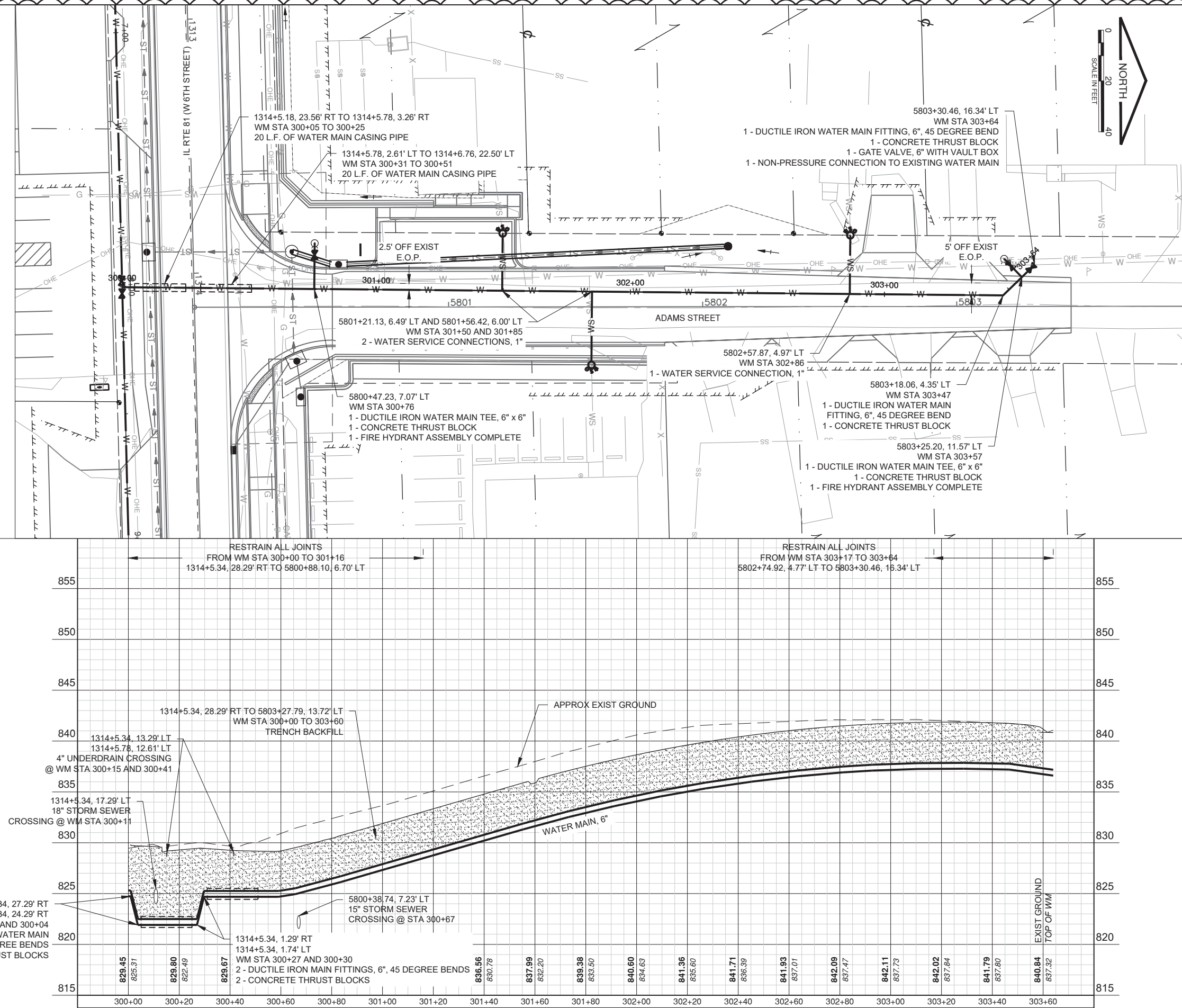
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81 / ADAMS ST)

SCALE: 1" = 20' SHEET 220K OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	220K
64L94			
ILLINOIS			

ADDED SHEET 6/1/26



MODEL: WEST ST (N)
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USER NAME = obuehler
PLOT DATE = 5/22/2026

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DRAWN - ANB/SND
CHECKED - SLD
DATE - MAY 2026

REVISED -
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REVISED -
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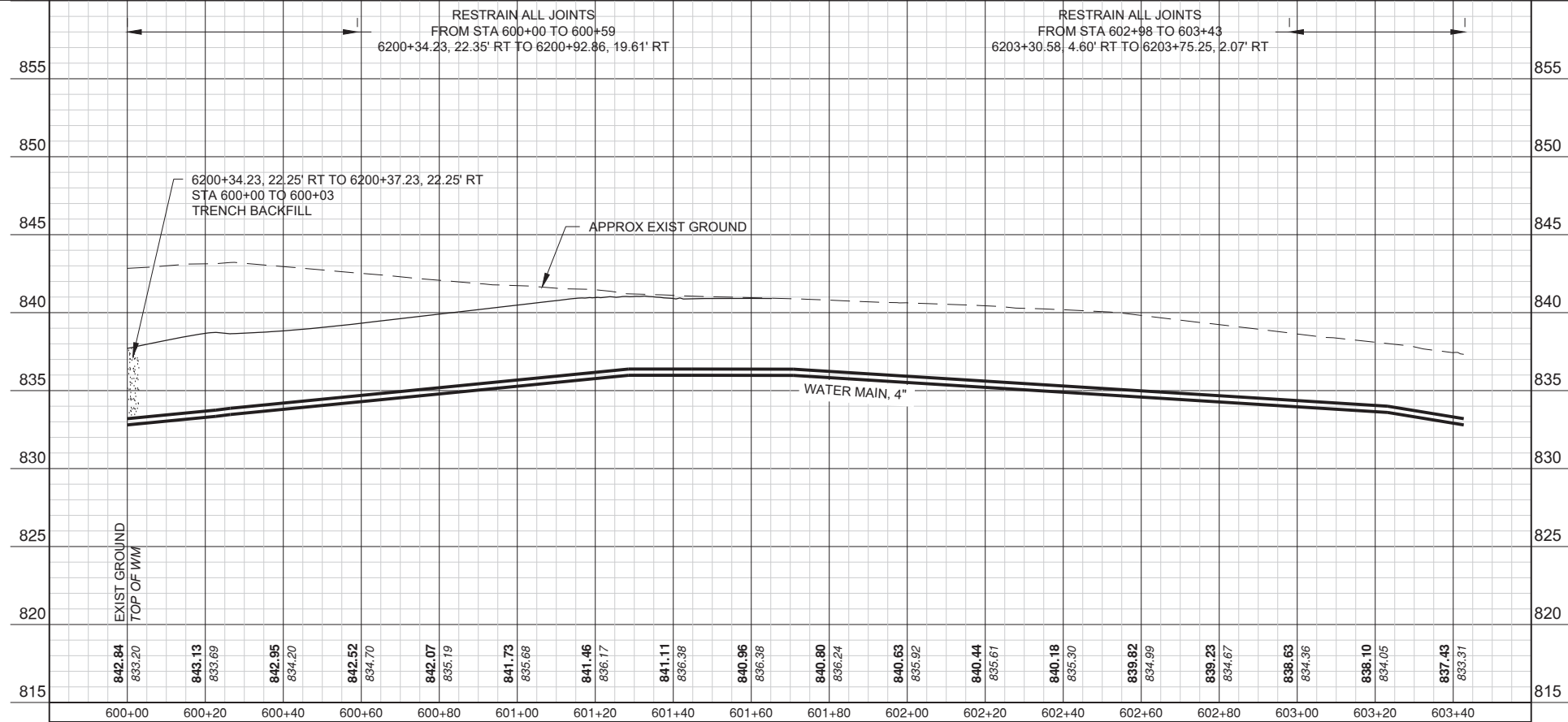
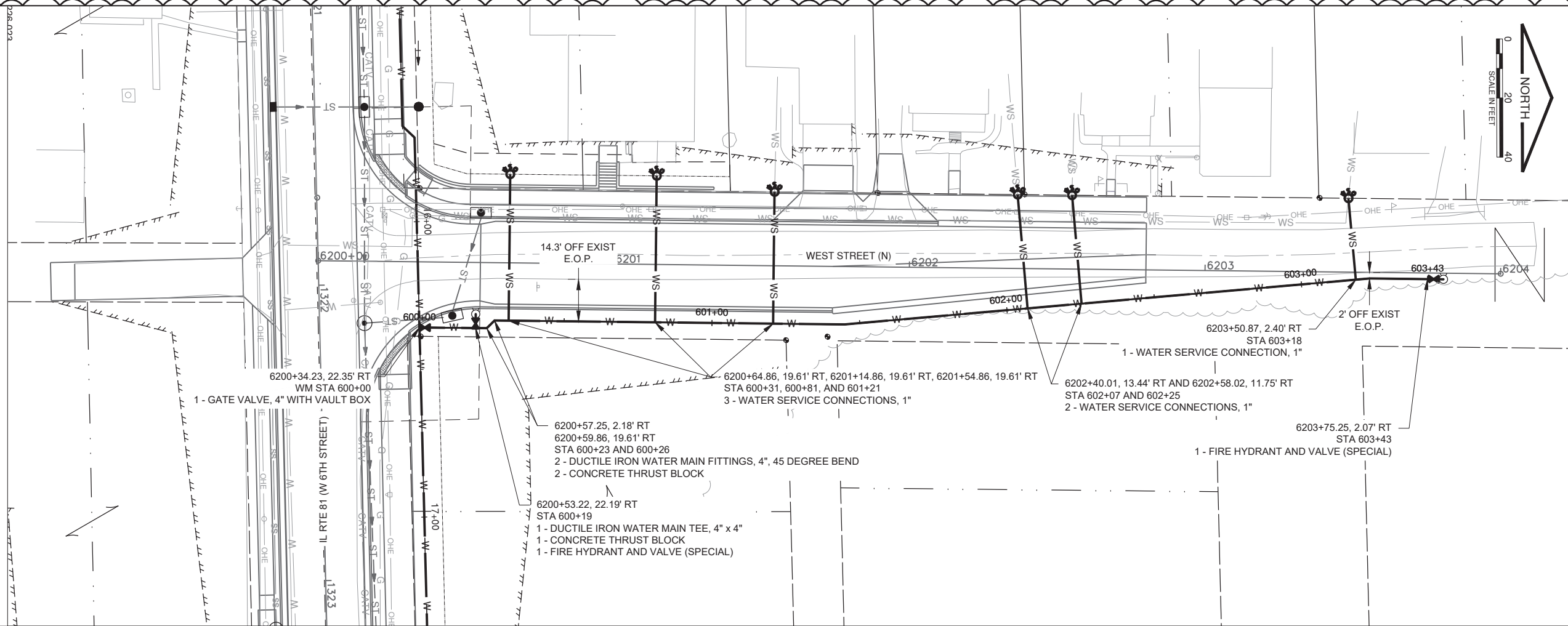
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

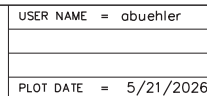
WATERMAIN PLAN AND PROFILE
(IL ROUTE 81 / WEST (N) ST)

SCALE: 1" = 20' SHEET 220S OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	220S
64L94			

11 ADDED SHEET 6/1/26





DESIGNED	– ANB
DRAWN	– ANB/SND
CHECKED	– SLD
DATE	– MAY 2026

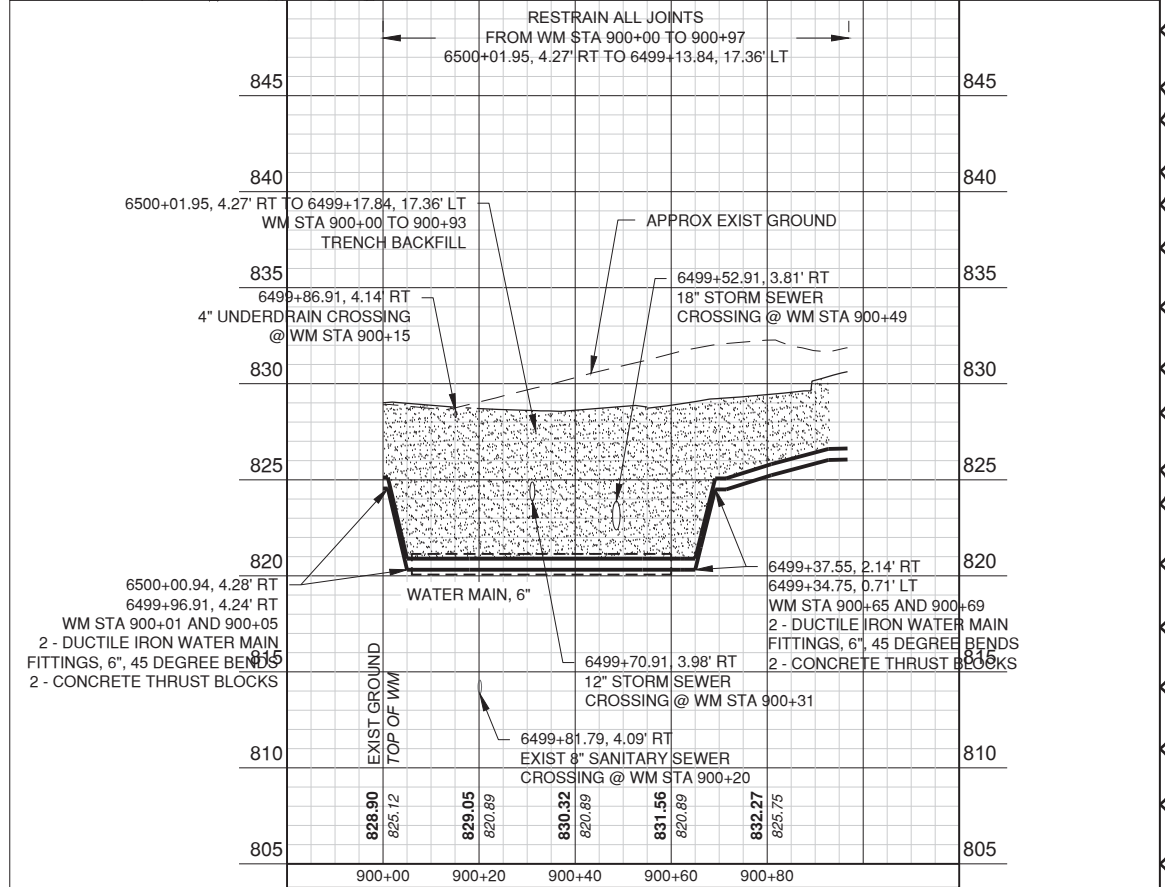
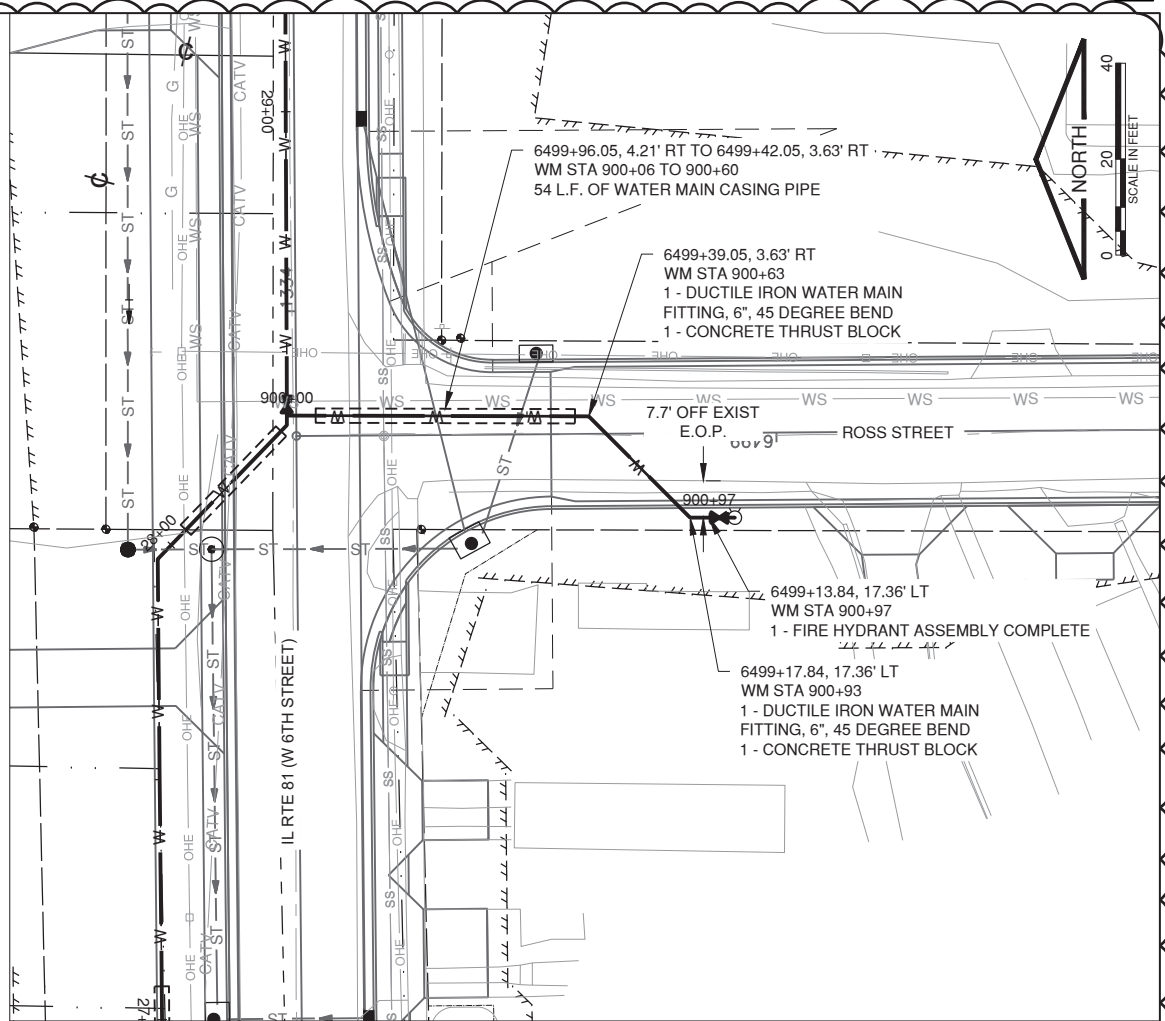
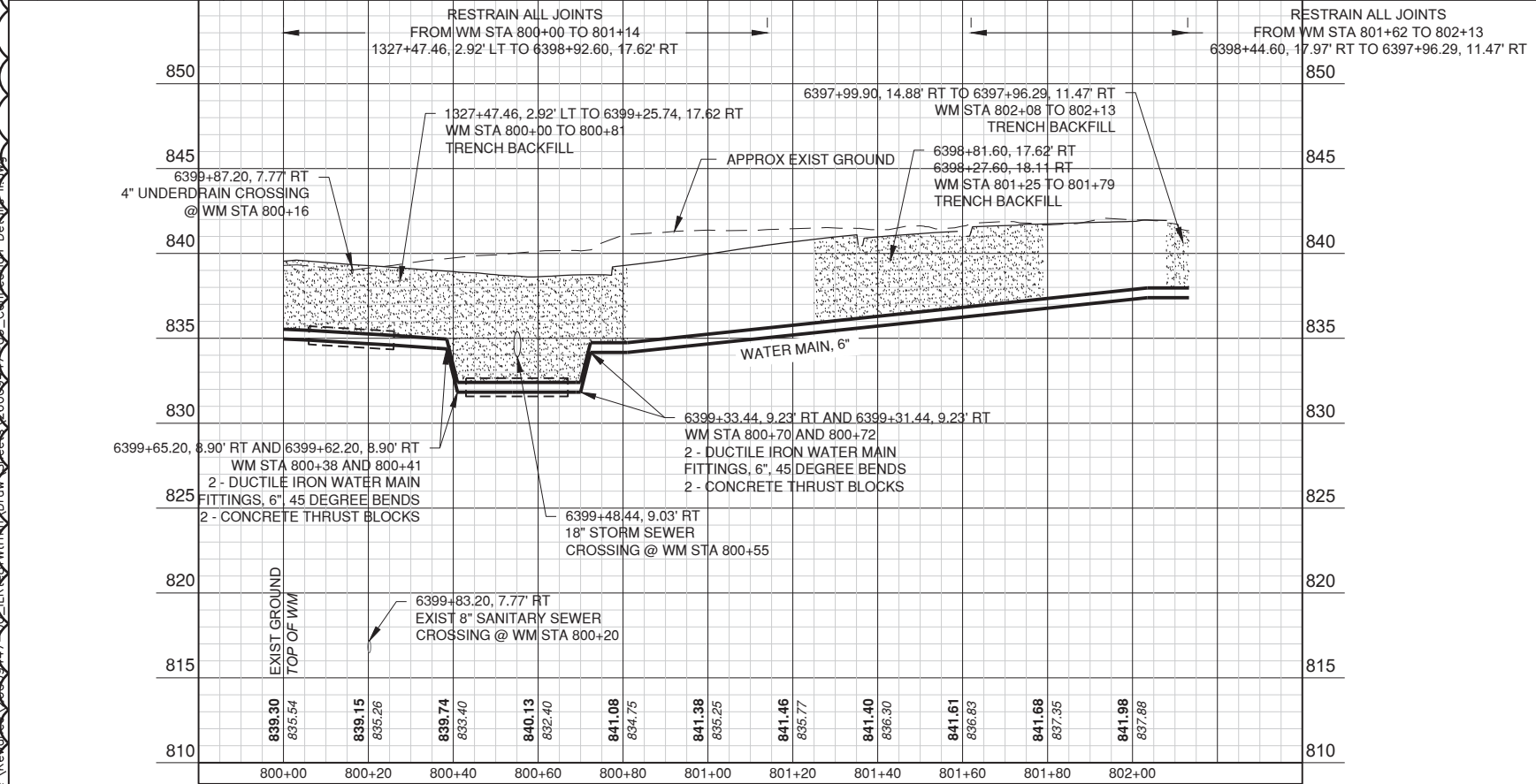
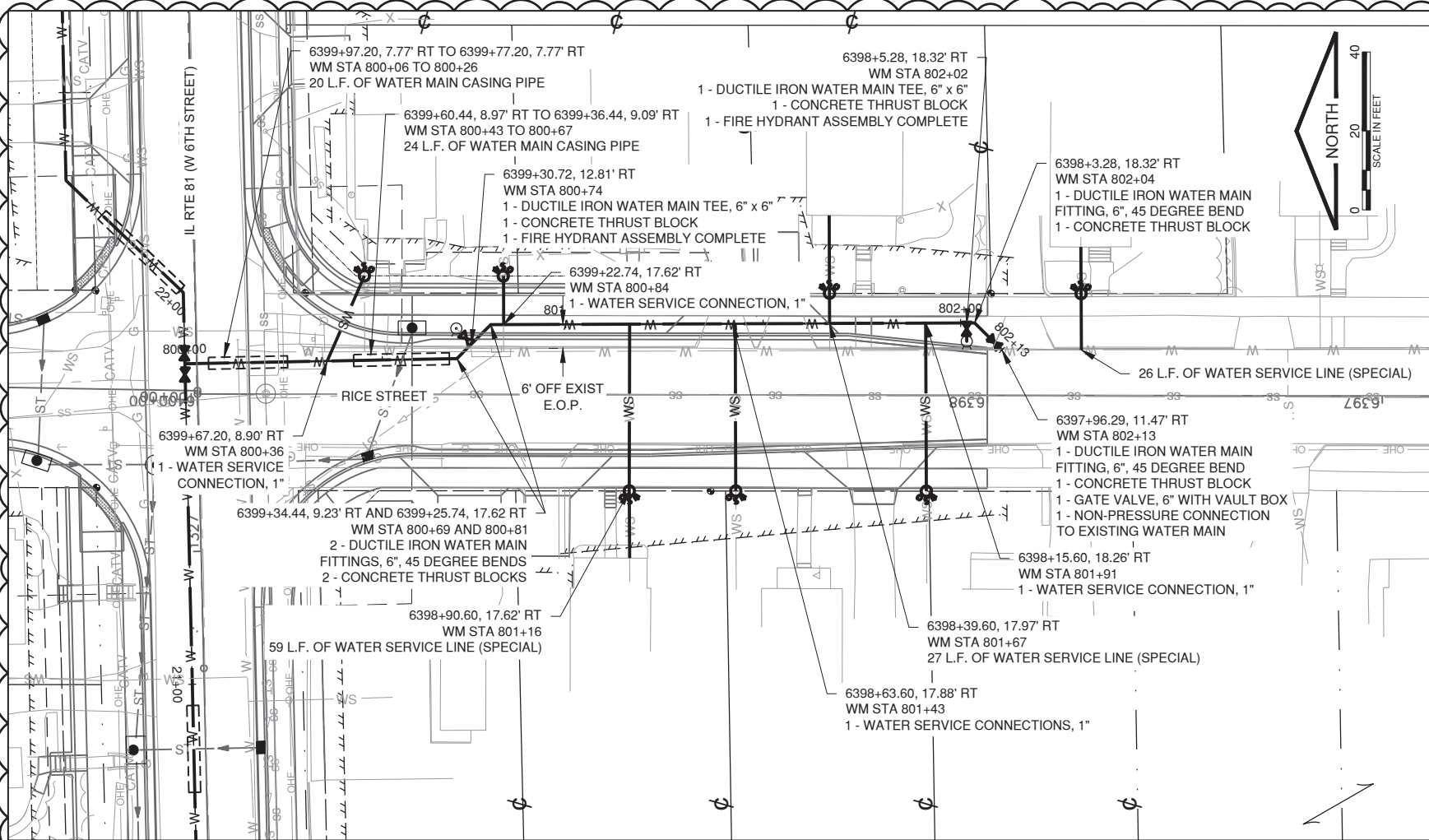
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WATERMAIN PLAN AND PROFILE
(IL ROUTE 81 / PERKINS ST)

SCALE: 1" = 20'	SHEET 220N OF 426 SHEETS	STA.	TO STA.
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	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	220N
		64L94		
ILLINOIS				

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USER NAME = obuehler
PLOT DATE = 5/21/2026

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DATE - MAY 2026

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REVISED -

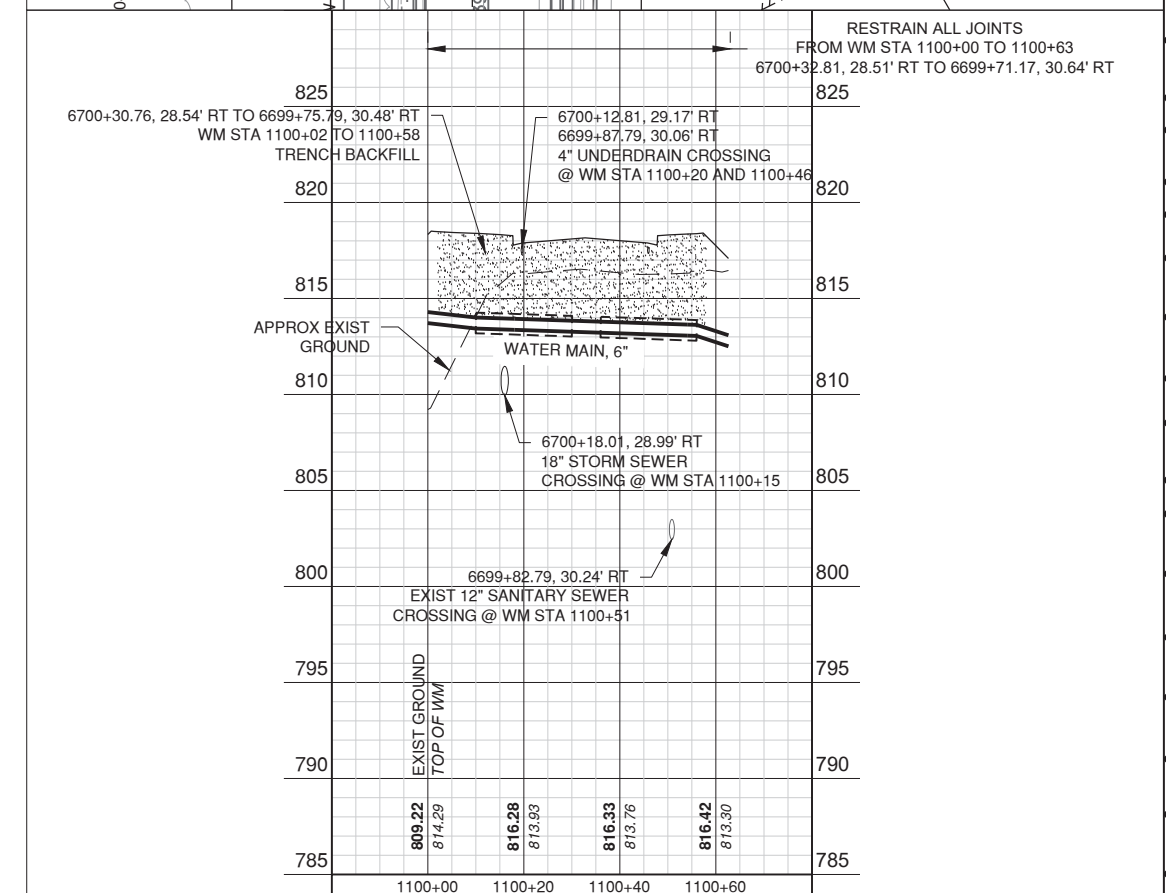
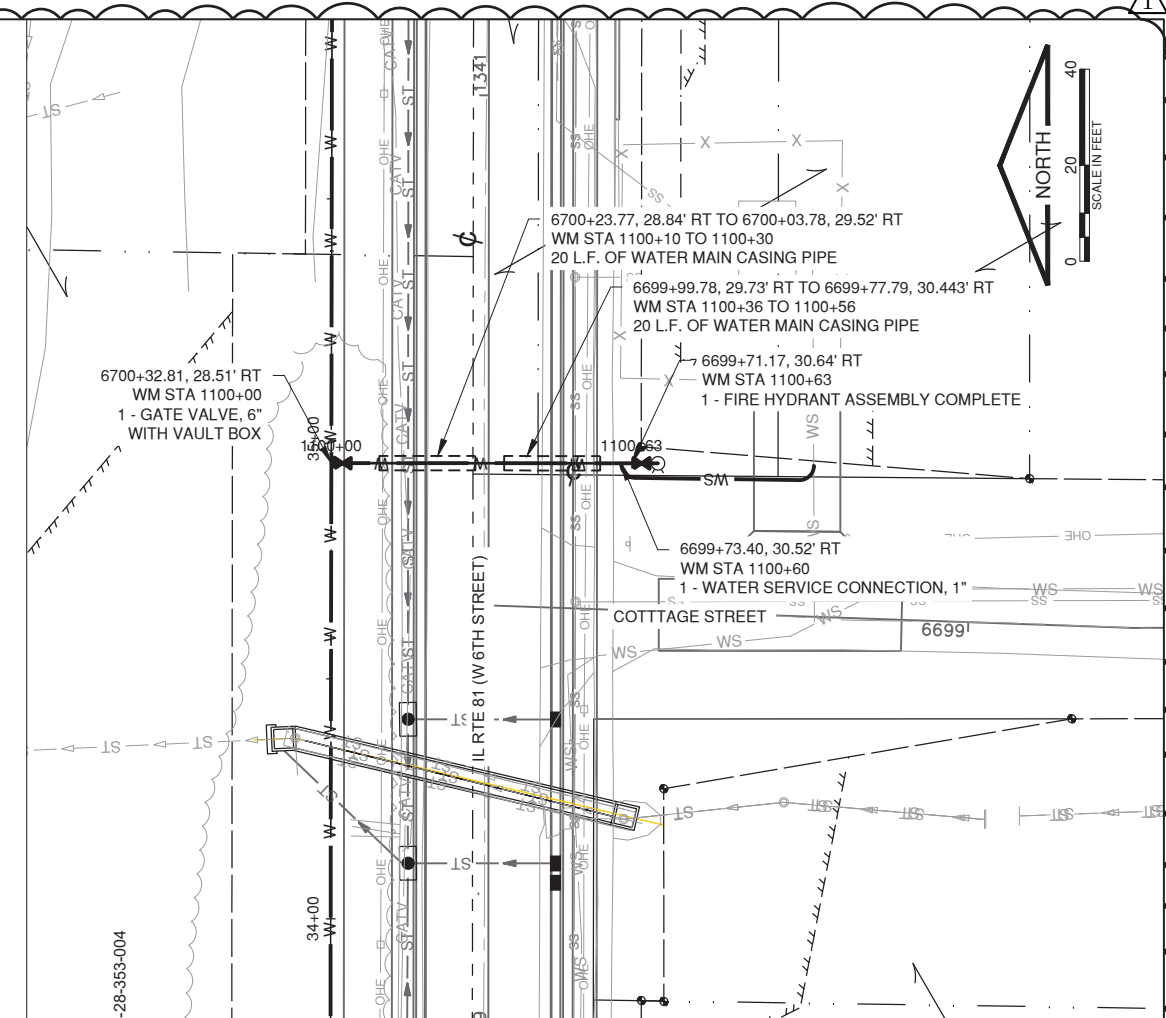
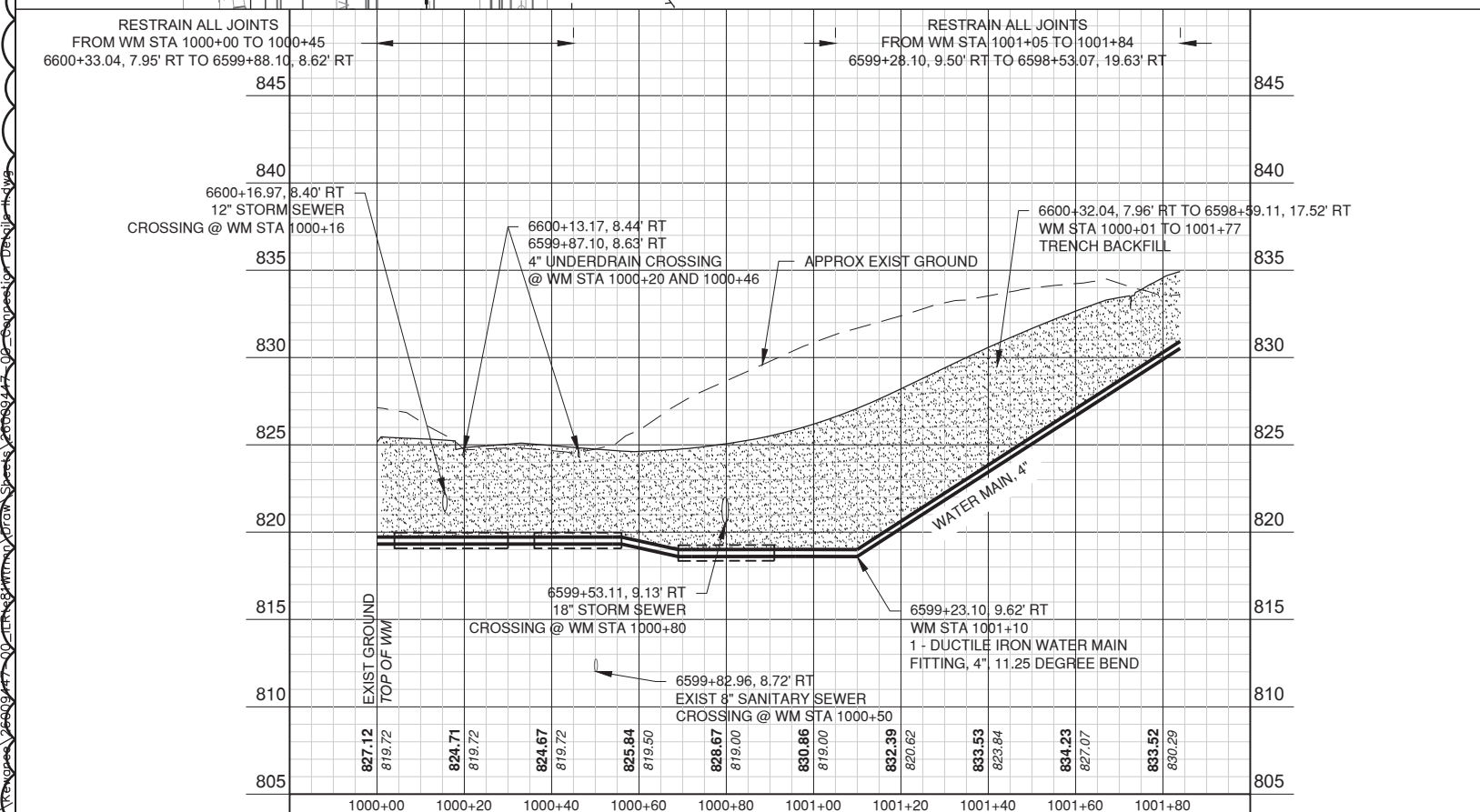
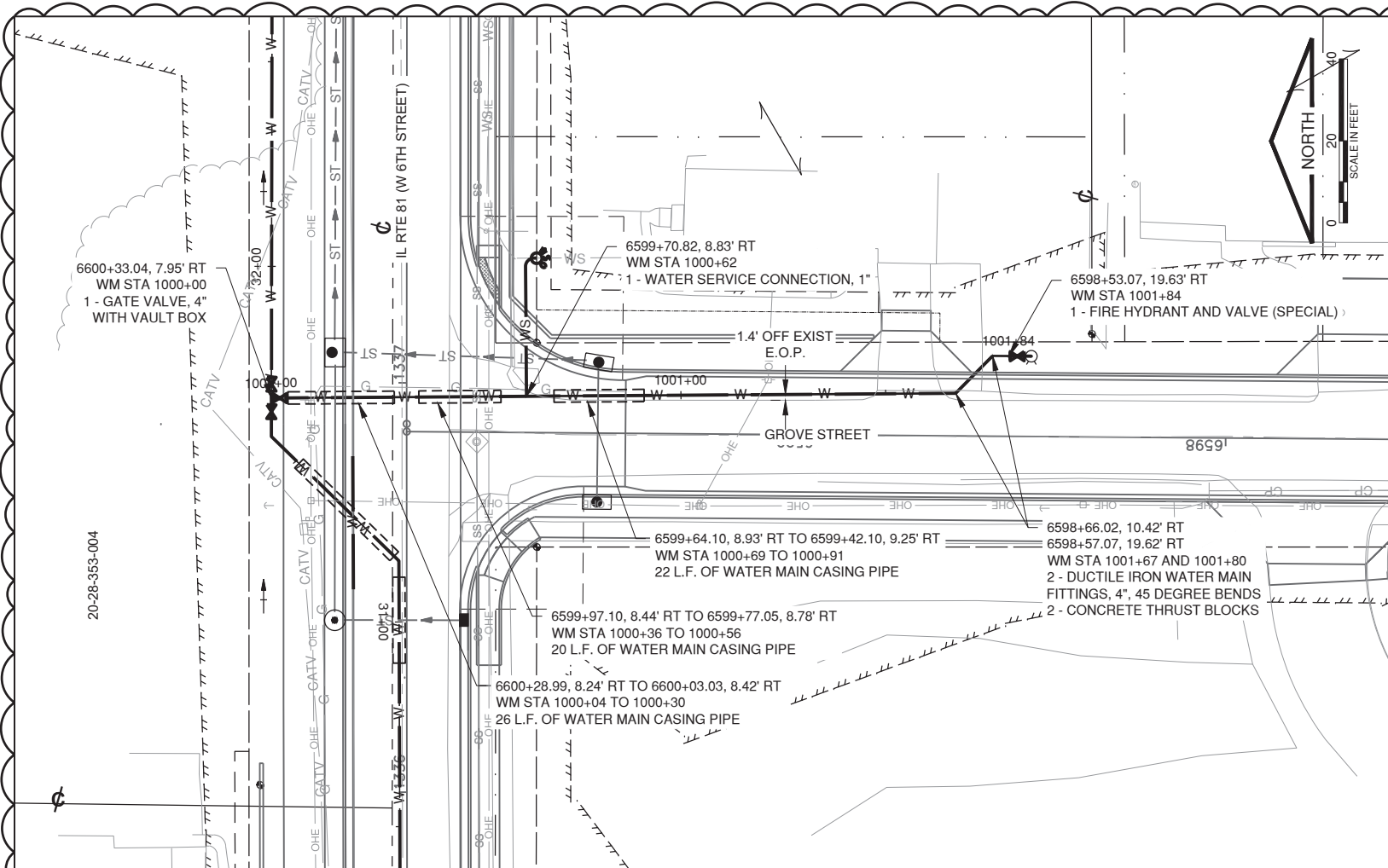
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81 / RICE & ROSS ST)

SCALE: 1" = 20' SHEET 2200 OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	2200
ILLINOIS			

11 ADDED SHEET 6/1/26



MODEL: GROVE - COTTAGE
 FILE NAME: C:\Programs\2009\47-00-ENR-8\111111\Draw Sheets\2009\47-00-ENR-8\Question Details.dwg



USER NAME = abuehler	DESIGNED — ANB	REVISED —
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	CHECKED — SLD	REVISED —
PLOT DATE = 5/21/2026	DATE — MAY 2026	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE
(IL ROUTE 81 / GROVE & COTTAGE ST)

SCALE: 1" = 20'	SHEET 220P OF 426 SHEETS	STA.	TO STA.
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SHEET 220P OF 426 SHEETS	STA
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STA

TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
104R	HENRY	426	220P
	64L94		

1 ADDED SHEET 6/1/26

MODEL: SANITARY STA 0+00 TO 4+00
FILE NAME: \\cmt\projects\26609477-00_IL_Rte_81\Drawings\26609477-00_IL_Rte_81.dwg



USER NAME = obuehler
PLOT DATE = 5/21/2026

DESIGNED - ANB
DRAWN - ANB/SND
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DATE - MAY 2026

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

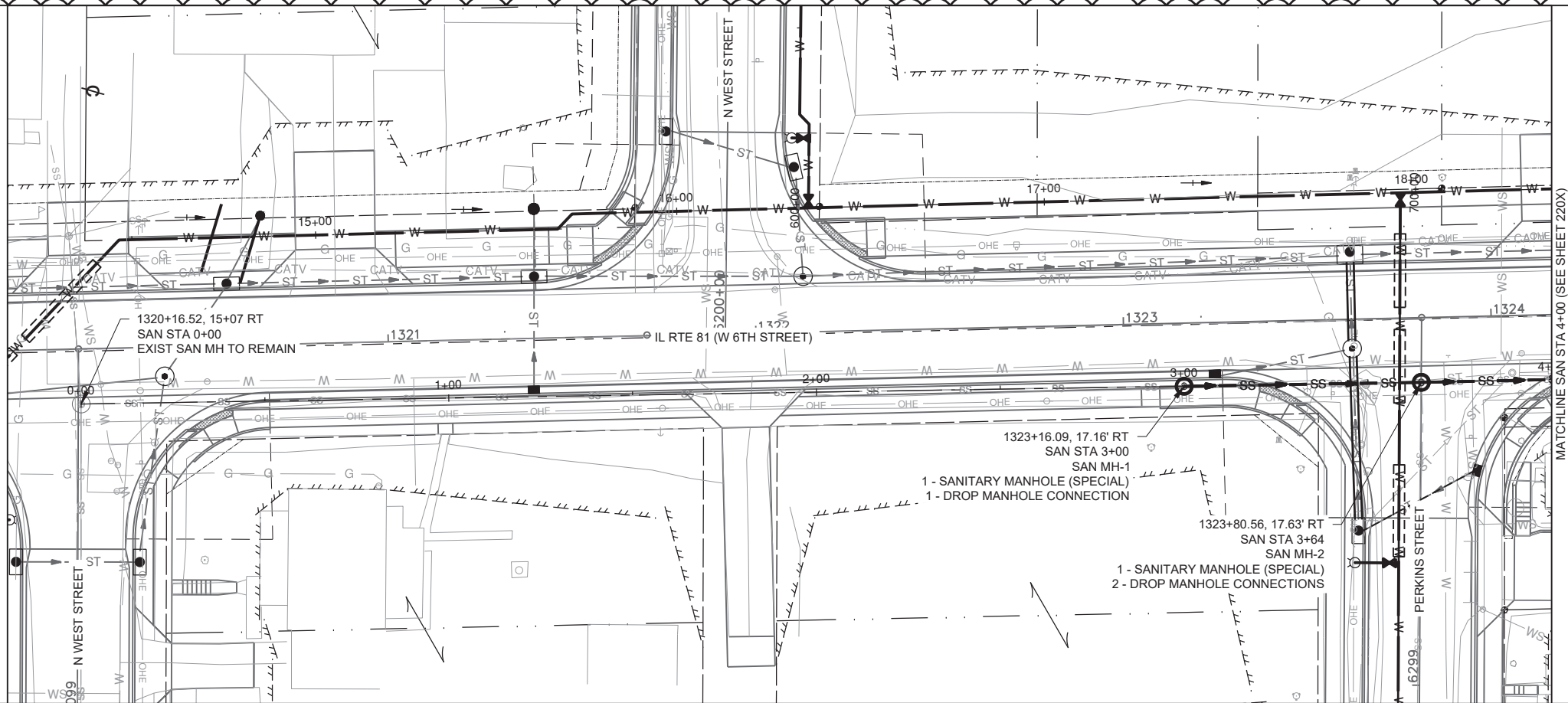
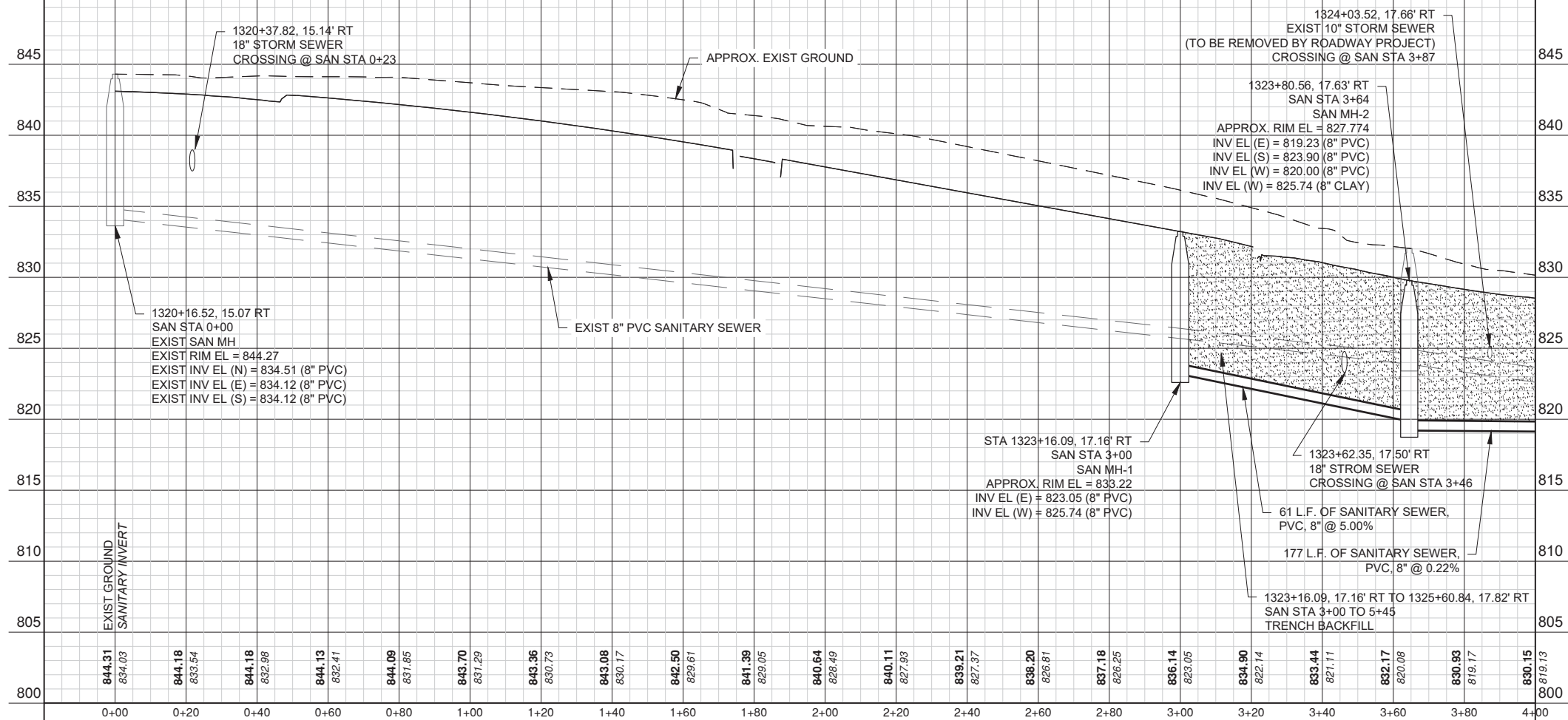
SANITARY SEWER PLAN AND PROFILE
(IL ROUTE 81)

SCALE: 1" = 20' SHEET 220W OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426 220W
64L94			

NOTES:

1. CONTRACTOR SHALL VERIFY ALL PROPOSED RIM ELEVATIONS WITH ROADWAY PROJECT.
2. CONTRACTOR SHALL FIELD VERIFY EXIST SEWER DEPTHS PRIOR TO FABRICATING PRE-CAST CONCRETE SANITARY MANHOLES.
3. CONTRACTOR SHALL INSTALL INTERIOR DROP CONNECTION FOR ANY INVERT GREATER THAN 2-FEET ABOVE THE BOTTOM OF THE MH.

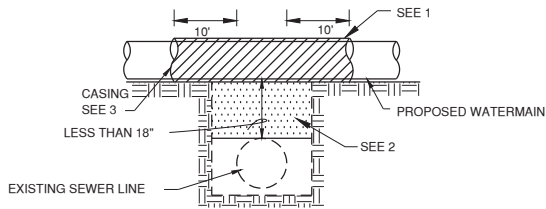




1. CONTRACTOR SHALL VERIFY ALL PROPOSED RIM ELEVATIONS WITH ROADWAY PROJECT.
2. CONTRACTOR SHALL FIELD VERIFY EXIST SEWER DEPTHS PRIOR TO FABRICATING PRE-CAST CONCRETE SANITARY MANHOLES.
3. CONTRACTOR SHALL INSTALL INTERIOR DROP CONNECTION FOR ANY INVERT GREATER THAN 2-FEET ABOVE THE BOTTOM OF THE MH.

	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	220X
			64L94	
ILLINOIS				

PROPOSED WATERMAIN ABOVE EXISTING SEWER
LINE WITH LESS THAN 18" VERTICAL SEPARATION.

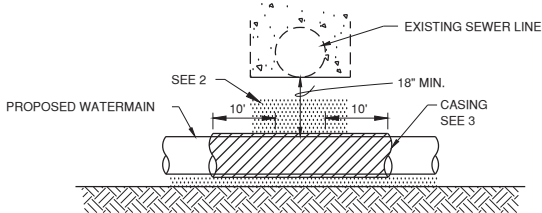


- GUIDELINES
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE.
 2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL AND COMPACT.
 3. USE A CASING FOR PROPOSED WATERMAIN AND SEAL ENDS OF CASING.
 4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATERMAIN OR WATERMAIN CASING AND SEWER.

WATER AND SEWER MAIN SEPARATION REQUIREMENTS

N.T.S.

PROPOSED WATERMAIN BELOW EXISTING SEWER
LINE WITH 18" MINIMUM VERTICAL SEPARATION.

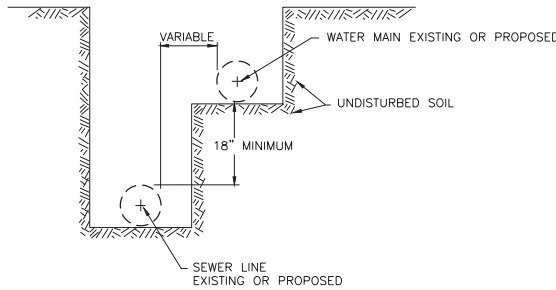


- GUIDELINES
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE.
 2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL AND COMPACT.
 3. USE A CASING FOR PROPOSED WATERMAIN AND SEAL ENDS OF CASING.
 4. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.

WATER AND SEWER MAIN SEPARATION REQUIREMENTS

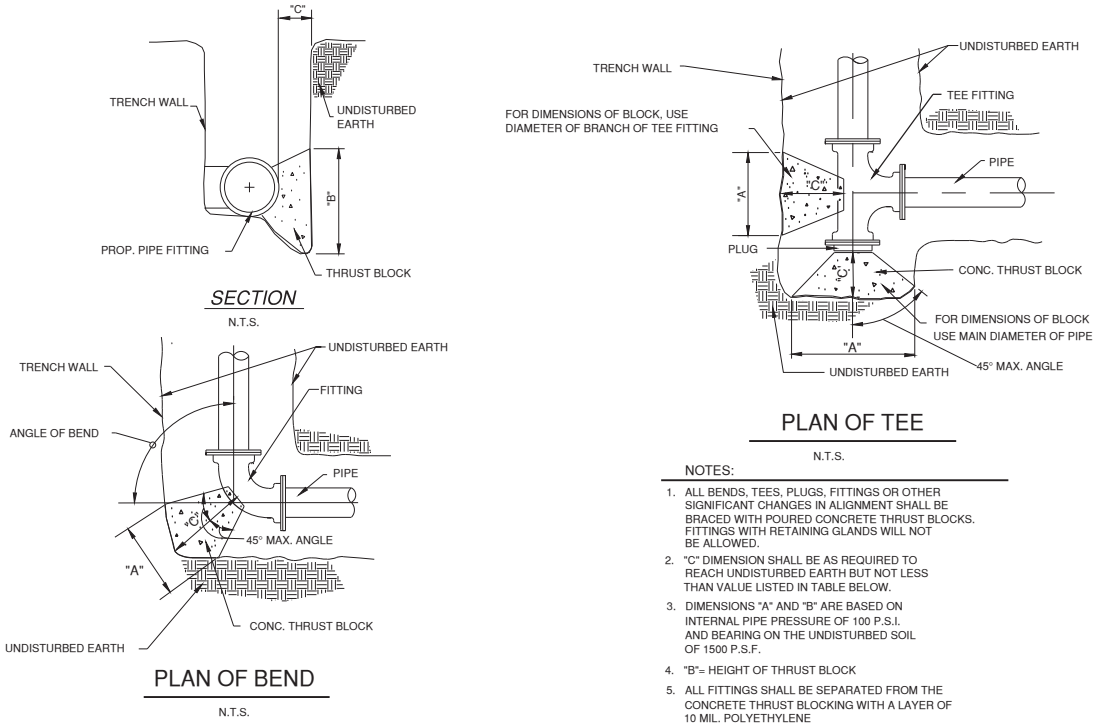
N.T.S.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10
FEET FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL
APPLY.



WATER AND SEWER MAIN
SEPARATION REQUIREMENTS -
HORIZONTAL SEPARATION

N.T.S.

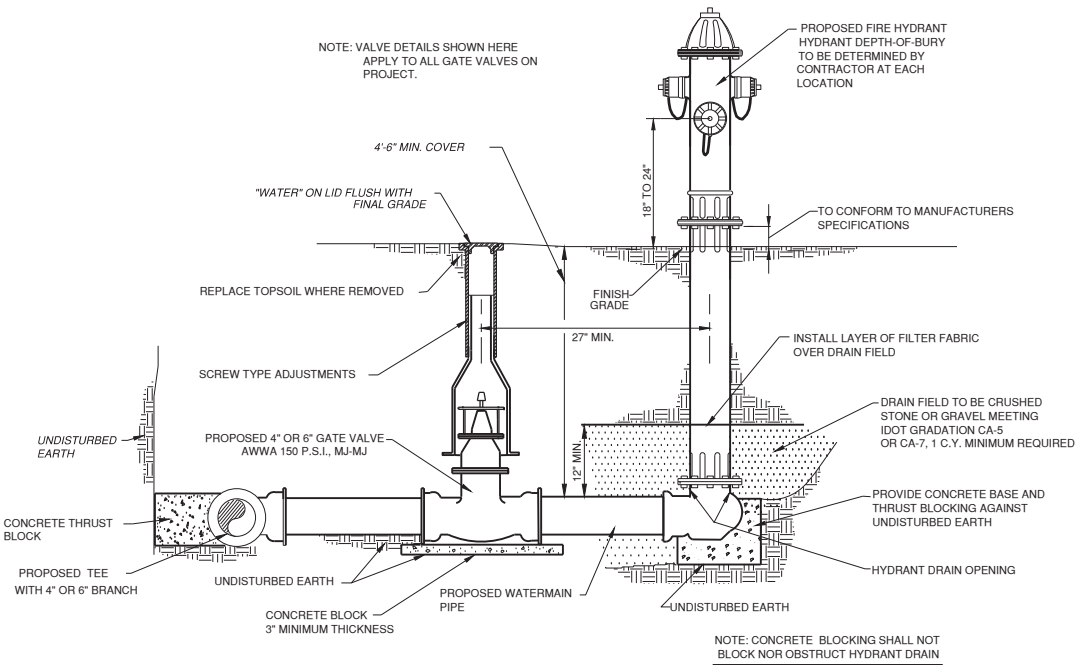


- NOTES:
1. ALL BENDS, TEES, PLUGS, FITTINGS OR OTHER SIGNIFICANT CHANGES IN ALIGNMENT SHALL BE BRACED WITH POURED CONCRETE THRUST BLOCKS. FITTINGS WITH RETAINING GLANDS WILL NOT BE ALLOWED.
 2. "C" DIMENSION SHALL BE AS REQUIRED TO REACH UNDISTURBED EARTH BUT NOT LESS THAN VALUE LISTED IN TABLE BELOW.
 3. DIMENSIONS "A" AND "B" ARE BASED ON INTERNAL PIPE PRESSURE OF 100 P.S.I. AND BEARING ON THE UNDISTURBED SOIL OF 1500 P.S.F.
 4. "B" = HEIGHT OF THRUST BLOCK
 5. ALL FITTINGS SHALL BE SEPARATED FROM THE CONCRETE THRUST BLOCKING WITH A LAYER OF 10 MIL. POLYETHYLENE

SIZE	90° BEND			45° BEND			22-1/2° BEND			11-1/4° BEND			TEE OR PLUG		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
4" 6"	2'-0"	1'-4"	9"	1'-6"	1'-0"	6"	1'-1"	0'-8"	6"	0'-9"	0'-6"	6"	2'-5"	1'-7"	1'-0"
8"	2'-8"	1'-10"	1'-0"	2'-0"	1'-4"	8"	1'-5"	1'-0"	8"	1'-0"	0'-8"	8"	3'-2"	2'-2"	1'-3"
10"	3'-4"	2'-3"	1'-3"	2'-6"	1'-8"	10"	1'-9"	1'-2"	8"	1'-3"	0'-10"	8"	4'-0"	2'-8"	1'-7"
12"	4'-0"	2'-8"	1'-6"	3'-0"	2'-0"	1'-0"	2'-2"	1'-5"	8"	1'-6"	1'-0"	8"	4'-10"	3'-2"	1'-11"
18"	6'-0"	4'-0"	2'-3"	4'-5"	3'-0"	1'-6"	3'-2"	2'-2"	10"	2'-3"	1'-6"	8"	7'-2"	4'-9"	2'-10"

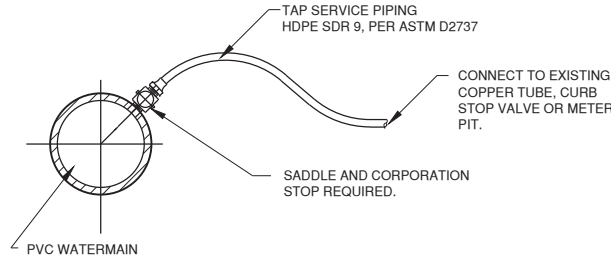
THRUST BLOCK DETAILS

N.T.S.



TYPICAL HYDRANT INSTALLATION AND
VALVE INSTALLATION DETAIL

N.T.S.



ALL SERVICES SHALL BE 1"
UNLESS NOTED OTHERWISE.

TYPICAL SERVICE TAP

N.T.S.

MODEL: 220Y - DETAILS
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USER NAME = obuehler
PLOT DATE = 5/21/2026

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DRAWN - ANB/SND
CHECKED - SLD
DATE - MAY 2026

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

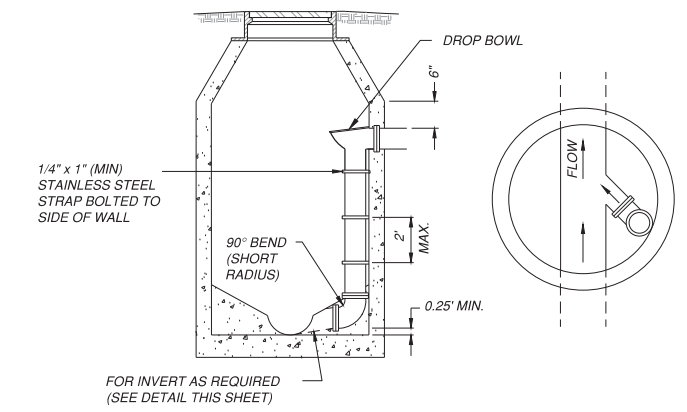
WATERMAIN / SANITARY SEWER
DETAILS

SCALE: SHEET 220Y OF 426 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	426	220Y
64L94			

ILLINOIS

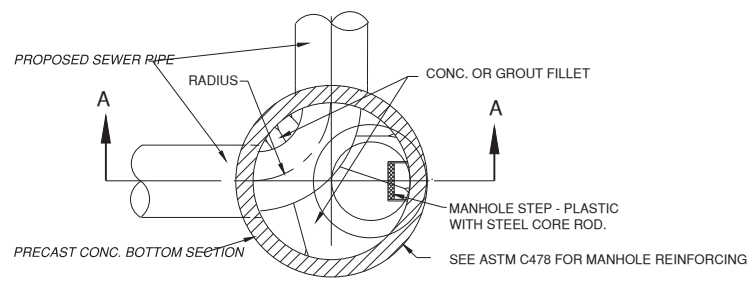
11-1-26 ADDED SHEET 6/1/26



INSIDE DROP CONNECTION MANHOLE
N.T.S.

NOTES:

1. DROP CONNECTION TO OCCUR ALONG INSIDE WALL OF MANHOLE.

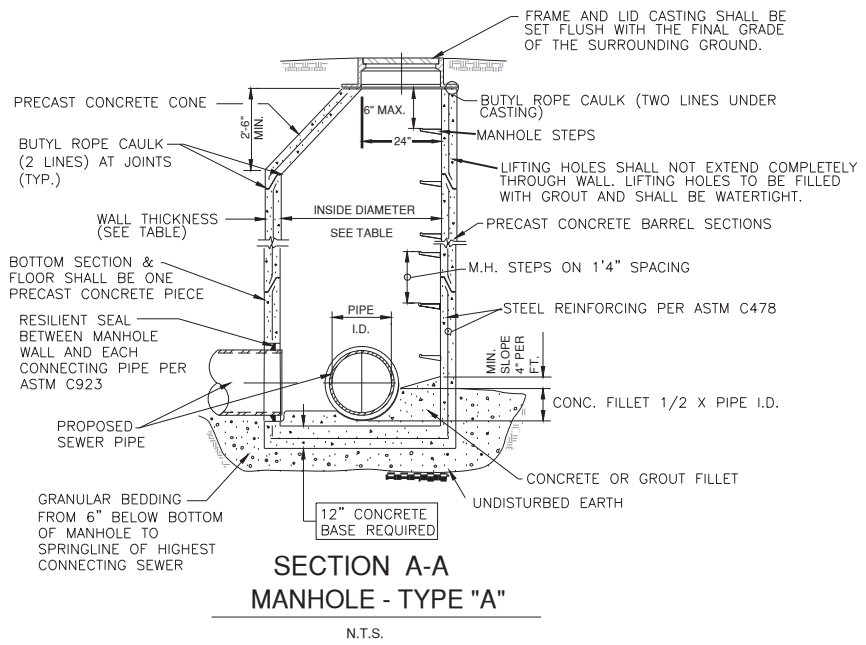


TYP. MANHOLE WALL JOINT
N.T.S.

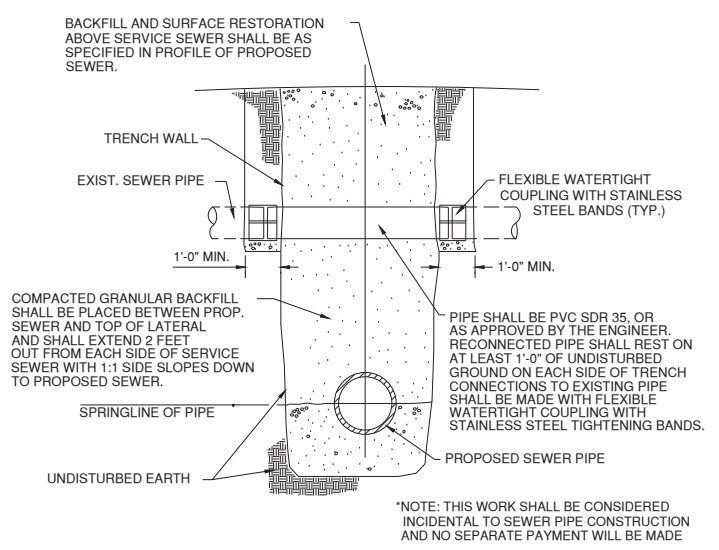
MANHOLE TYPE	INSIDE DIA.	MIN. WALL THICKNESS
A-4	4'-0"	5"

PLAN

NOTE:
INVERT FLOWLINE AT BENDS SHALL HAVE A HORIZONTAL RADIUS EQUAL TO OR LARGER THAN THE PIPE DIAMETER.
FLOW CHANNEL SHALL HAVE A SEMI-CIRCULAR CROSS SECTION



SECTION A-A
MANHOLE - TYPE "A"
N.T.S.



RECONSTRUCTION OF SEWER AND FIELD TILE
PIPE ACROSS TRENCH (IF NECESSARY)
N.T.S.

WATER MAIN
RESTRAINED JOINT DEVELOPMENT LENGTH TABLE

PIPE TYPE	SOIL TYPE	SF	TRENCH TYPE	FITTING TYPE	NOMINAL PIPE SIZE (INCHES)	RESTRAINT LENGTH EACH SIDE OF FITTING
DIP	SILT 2	1.5	4	11.25° VERT UP	4	5
DIP	SILT 2	1.5	3	45° HORZ	4	10
DIP	SILT 2	1.5	4	45° HORZ	4	5
DIP	SILT 2	1.5	4	TEE	4 x 4	25
DIP	SILT 2	1.5	3	11.25° HORZ	6	5
DIP	SILT 2	1.5	3	22.5° HORZ	6	5
DIP	SILT 2	1.5	3	45° HORZ	6	10
DIP	SILT 2	1.5	4	45° HORZ	6	10
DIP	SILT 2	1.5	4	45° VERT DOWN	6	20
DIP	SILT 2	1.5	4	45° VERT UP	6	10
DIP	SILT 2	1.5	3	TEE	6 x 6	40
DIP	SILT 2	1.5	4	TEE	6 x 6	40
DIP	SILT 2	1.5	3	45° HORZ	8	10
DIP	SILT 2	1.5	4	45° HORZ	8	10
DIP	SILT 2	1.5	3	45° VERT DOWN	8	25
DIP	SILT 2	1.5	4	45° VERT DOWN	8	25
DIP	SILT 2	1.5	3	45° VERT UP	8	10
DIP	SILT 2	1.5	4	45° VERT UP	8	10
DIP	SILT 2	1.5	4	90° HORZ	8	20
DIP	SILT 2	1.5	3	TEE	8 x 4	20
DIP	SILT 2	1.5	4	TEE	8 x 4	15
DIP	SILT 2	1.5	3	TEE	8 x 6	35
DIP	SILT 2	1.5	3	TEE	8 x 6	40
DIP	SILT 2	1.5	4	TEE	8 x 6	35
DIP	SILT 2	1.5	3	TEE	8 x 8	55
DIP	SILT 2	1.5	4	TEE	8 x 8	50
DIP	SILT 2	1.5	ALL	MAIN LINE VALVE	ALL	45

MODEL: 220Z - DETAILS
FILE NAME: \\cmt\shared\2020\220Z\220Z.dwg



USER NAME = obuehler	DESIGNED -- ANB	REVISED --
	DRAWN -- ANB/SND	REVISED --
	CHECKED -- SLD	REVISED --
PLOT DATE = 5/21/2026	DATE -- MAY 2026	REVISED --

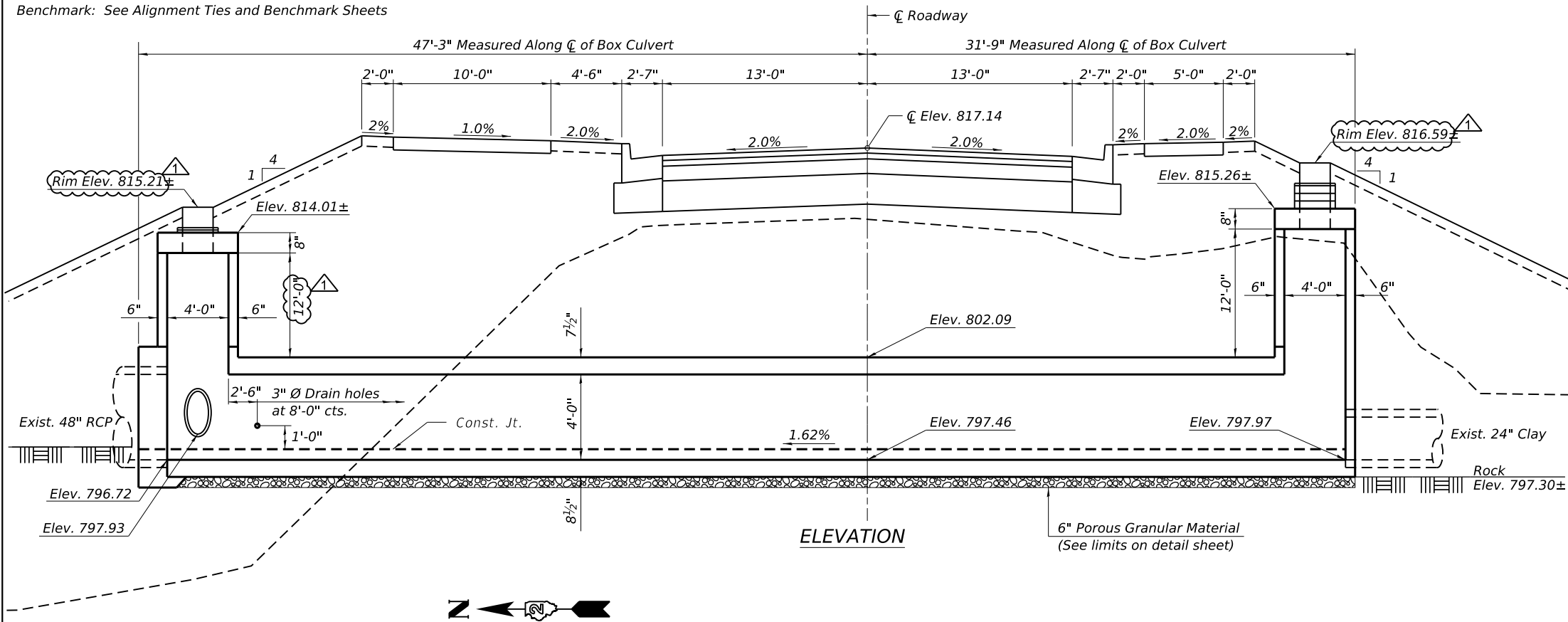
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN / SANITARY SEWER
DETAILS

SCALE: SHEET 220Z OF 426 SHEETS STA. TO STA.

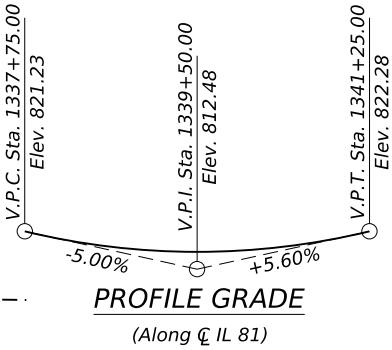
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611 104R	HENRY	426	220Z
64L94			

Benchmark: See Alignment Ties and Benchmark Sheets



INDEX OF SHEETS

- S-1 General Plan and Elevation
- S-2 Plan and Section View & General Notes
- S-3 - S-4 Concrete Box Culvert Details
- S-5 Soil Boring Logs



DESIGN STRESSES

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

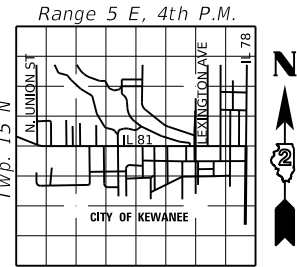
DESIGN SPECIFICATIONS

2020 LRFD AASHTO Bridge Design Specifications

LOADING HS 20-44 (NEW CONST.)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Concrete Box Culverts	Cu. Yd.	41
Reinforcement Bars	Pound	6,640
Rock Excavation for Structures	Cu. Yd.	32



LOCATION SKETCH

GENERAL PLAN AND ELEVATION

IL RTE 81 BOX CULVERT

F.A.P. RTE 611 - SECTION 104R

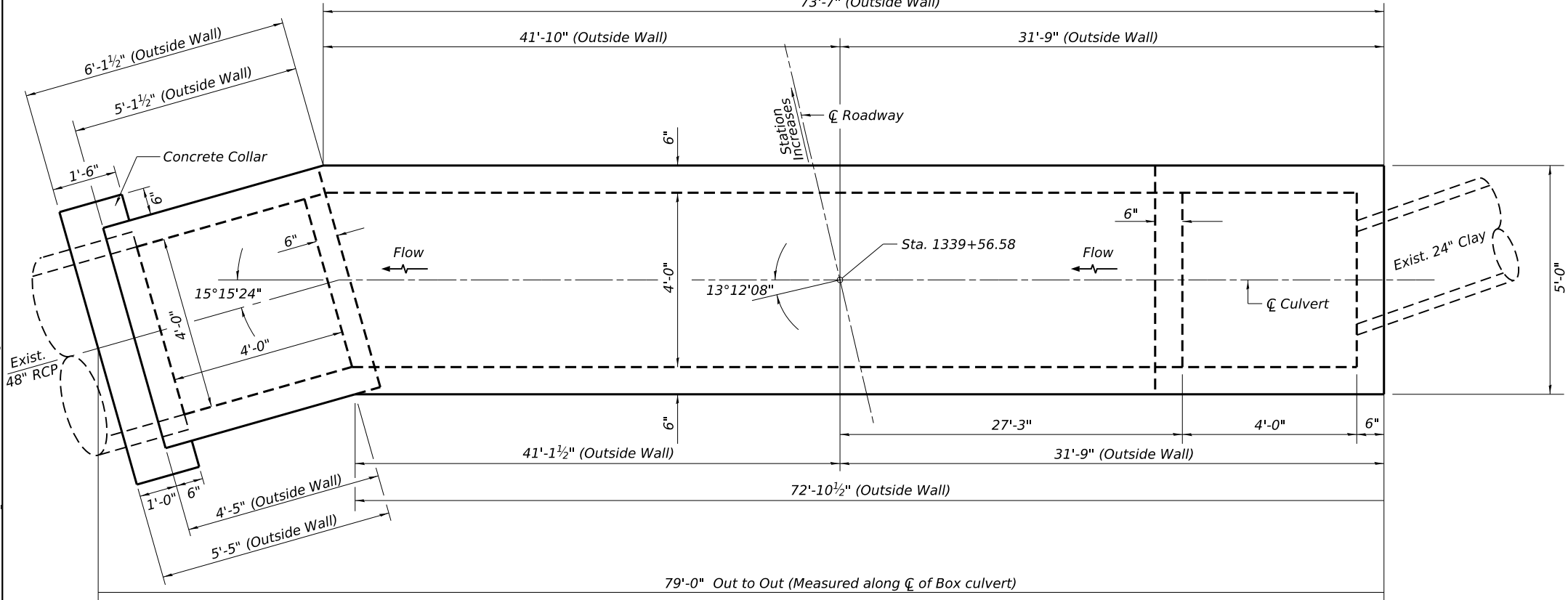
HENRY COUNTY

STATION 1339+56.58

SIGNATURE AND SEAL APPLIES
TO PAGES S-1 thru S-5

PLAN

Dimensions measured at Rt. L's to CL of Box Culvert



MODEL: Default
FILE NAME: W:\2000\1032.00\MicroStation\Structures\02_64L94 - 001-CPE-Details-Box Culvert.dgn



401 E. STATE ST.
4TH FLOOR
ROCKFORD, IL 61104
PH: 815.965.6400
FAX: 815.965.6416
www.imegcorp.com

USER NAME = Brad.S.Lange
PLOT SCALE = 1,0000 ' / in.
PLOT DATE = 5/29/2026

DESIGNED - ALI GHARAMTI
DRAWN - PATRICK PAUSER
CHECKED - ALI GHARAMTI
DATE - 5/29/2026
REVISED - 5/20/2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

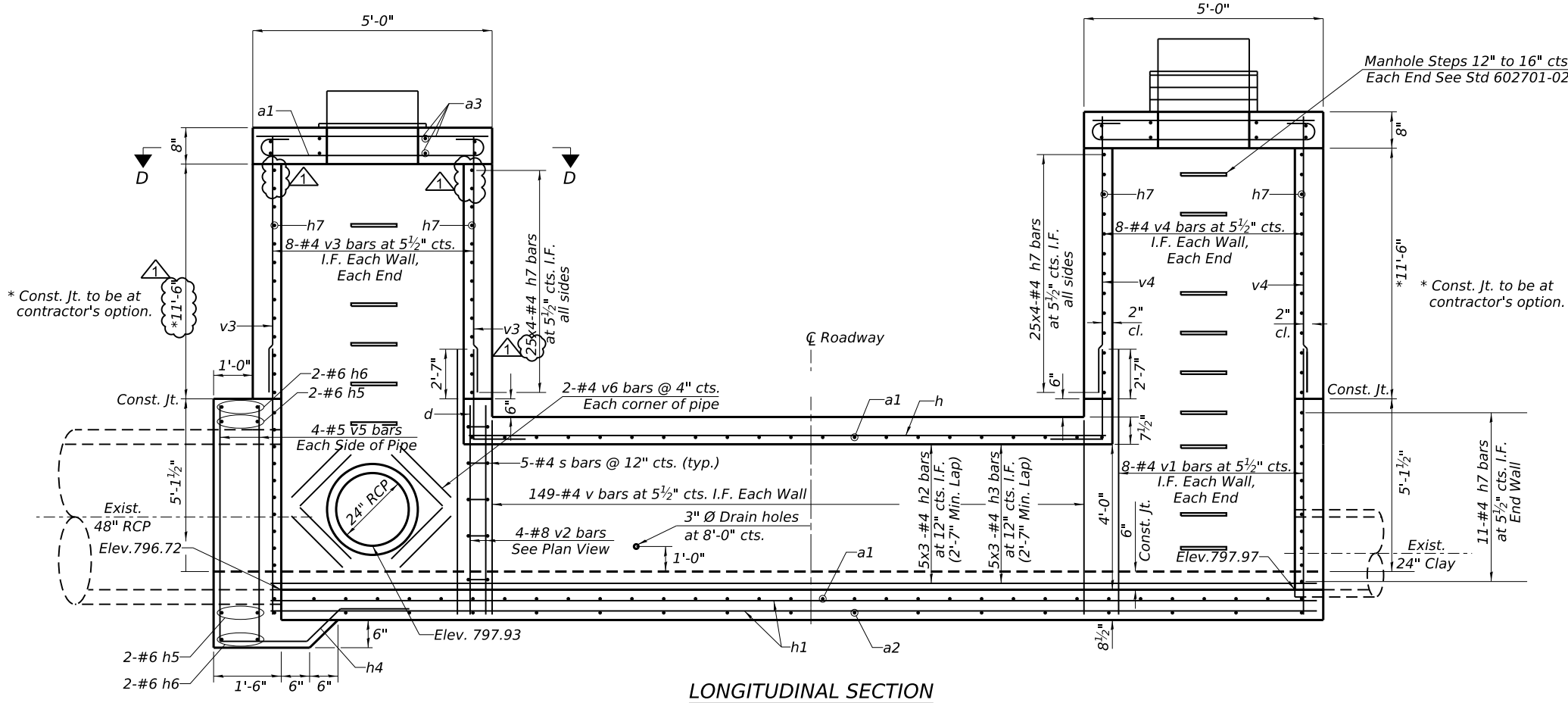
GENERAL PLAN AND ELEVATION
BOX CULVERT STA. 1339+56.58

SCALE: 1" = 10' SHEET S-1 OF S-5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	221
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

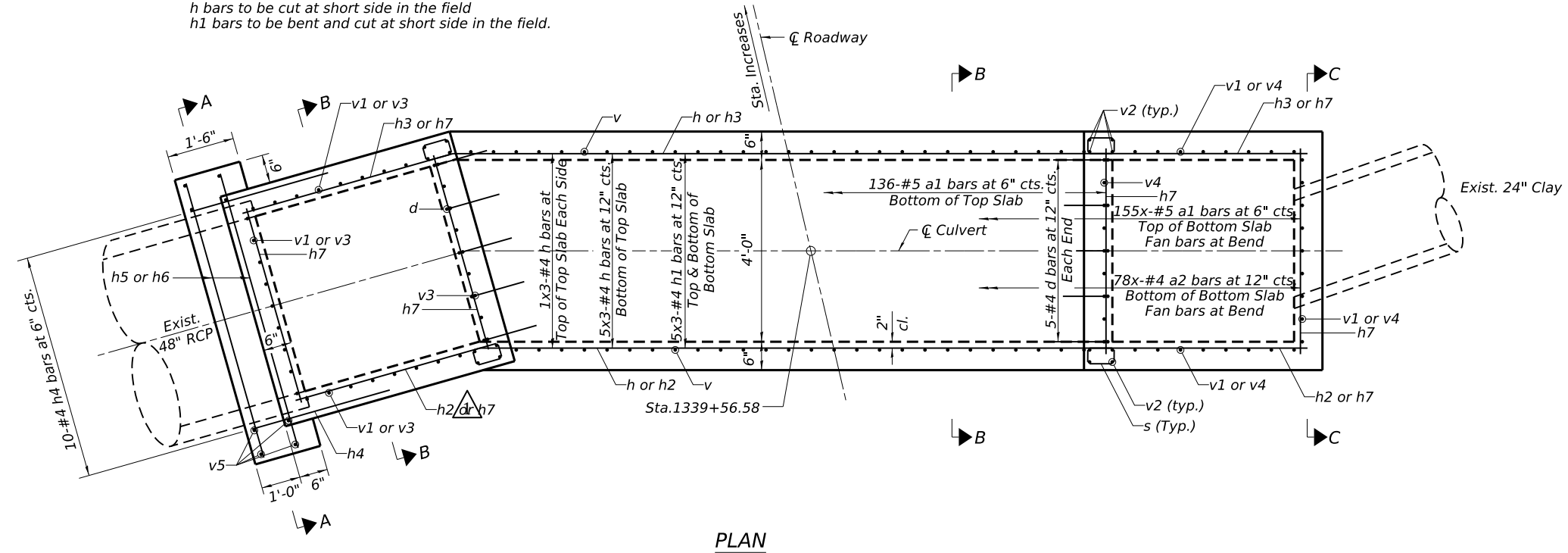
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	303	#5	6'-4"	
a2	78	#4	4'-8"	
a3	14	#4	4'-8"	
a4	8	#4	7'-0"	
d	10	#4	5'-4"	
h	21	#4	24'-9"	
h1	30	#4	27'-9"	
h2	15	#4	27'-4"	
h3	15	#4	27'-10"	
h4	10	#4	3'-5"	
h5	4	#6	7'-6"	
h6	4	#6	5'-8"	
h7	200	#4	4'-8"	
s	20	#4	2'-2"	
v	298	#4	5'-0"	
v1	48	#4	8'-3"	
v2	16	#8	5'-6"	
v3	32	#4	11'-10"	
v4	32	#4	11'-10"	
v5	8	#5	5'-6"	
v6	16	#4	2'-0"	
Concrete Box Culverts			Cu. Yd.	41
Reinforcement Bars			Pound	6,640

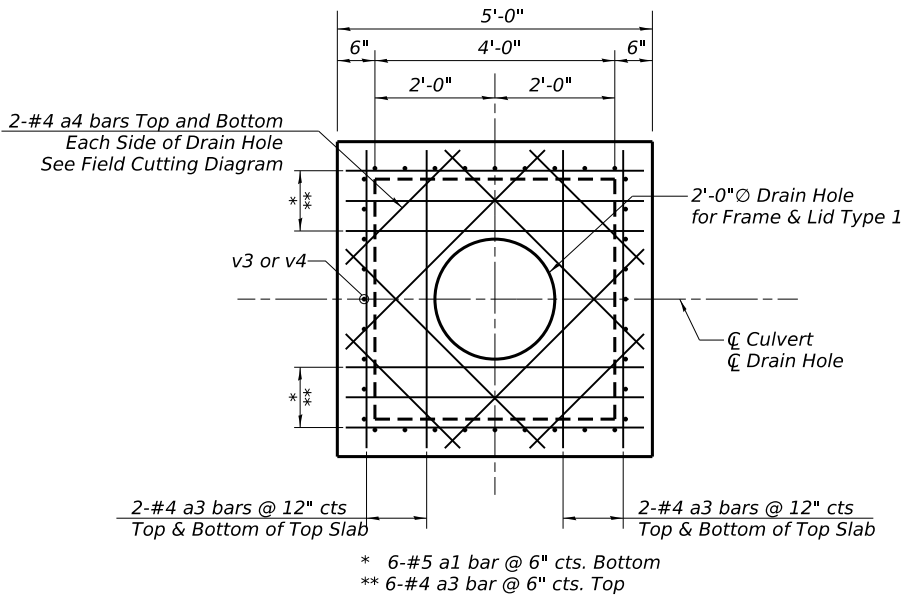


LONGITUDINAL SECTION

Note:
h bars to be cut at short side in the field
h1 bars to be bent and cut at short side in the field.



PLAN



TOP SLAB DRAIN COVER DETAIL

MODEL: Default
FILE NAME: W:\2000\1032\00MicroStation\Structures\02_64L94 - 001-CPE-Details-Box Culvert.dgn



USER NAME = Brad.S.Lange	DESIGNED - ALI GHARAMTI	REVISED - 5/20/2026
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 1,000' / in.	CHECKED - ALI GHARAMTI	REVISED -
PLOT DATE = 5/29/2026	DATE - 5/29/2026	REVISED -

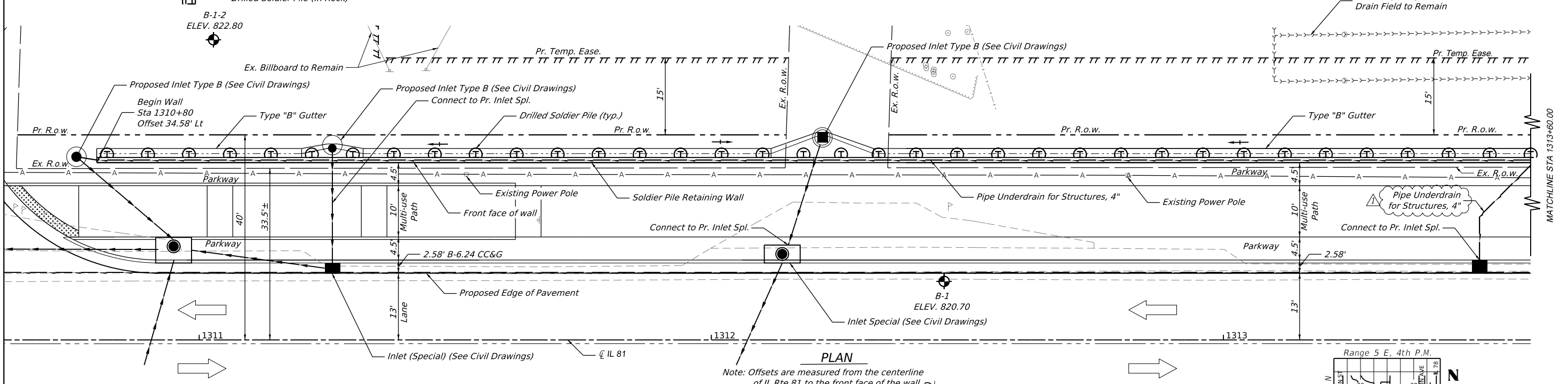
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
BOX CULVERT STA. 1339+56.58

SCALE: 1" = 10' SHEET S-3 OF S-5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	223
CONTRACT NO. 64L94				
ILLINOIS FED. AID PROJECT				

Existing Structure: None
Salvage: None
Construction Staging & Traffic Managment: Road to be closed to thru traffic.

2024 AASHTO LRFD Bridge
Design Specifications, 10th Edition

$f_c = 3,500 \text{ psi}$
 $f_y = 60,000 \text{ psi (Reinforcement)}$
 $f_y = 50,000 \text{ psi (M270 Grade 50)}$

MODEL: Default
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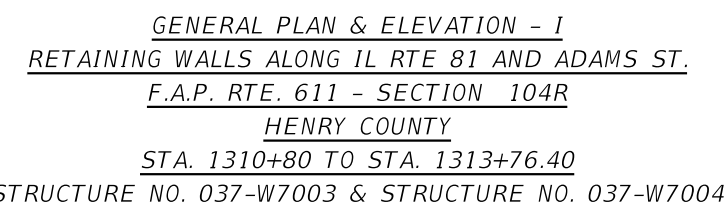
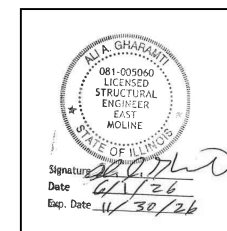
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FILE NAME: w12

 **IMEG**

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61104 www.imegcorp.com

USER NAME = Brad.S.Lange	DESIGNED - ALI GHARAMTI	REVISED - 
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - ALI GHARAMTI	REVISED -
PLOT DATE = 5/31/2026	DATE = 5/31/2026	REVISED -

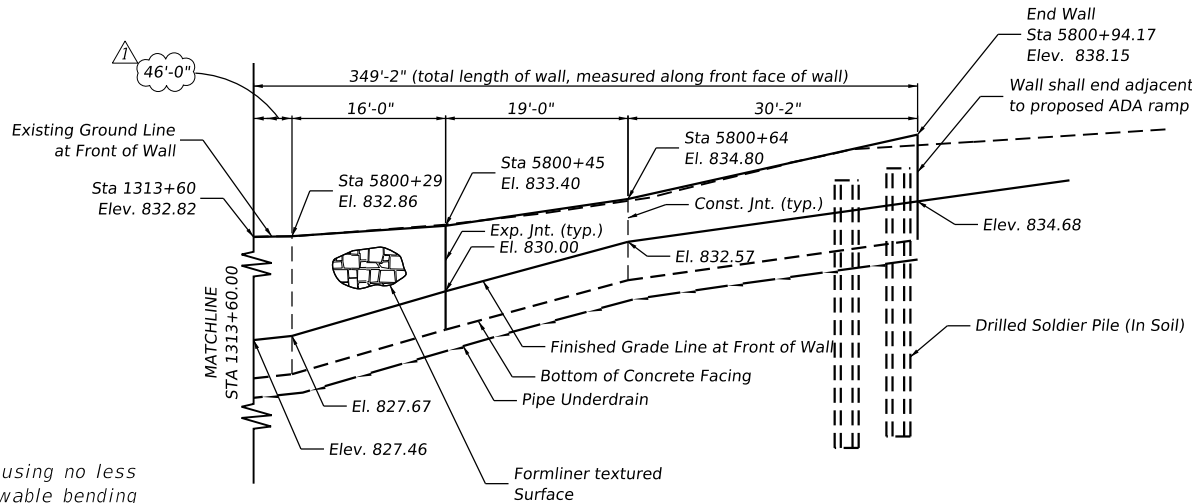
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



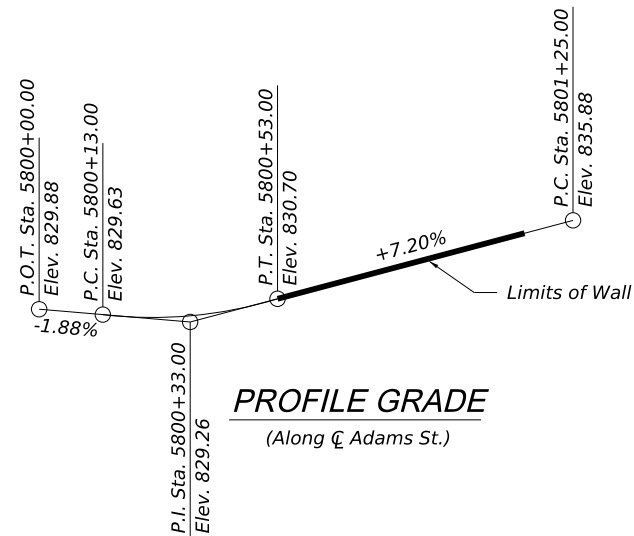
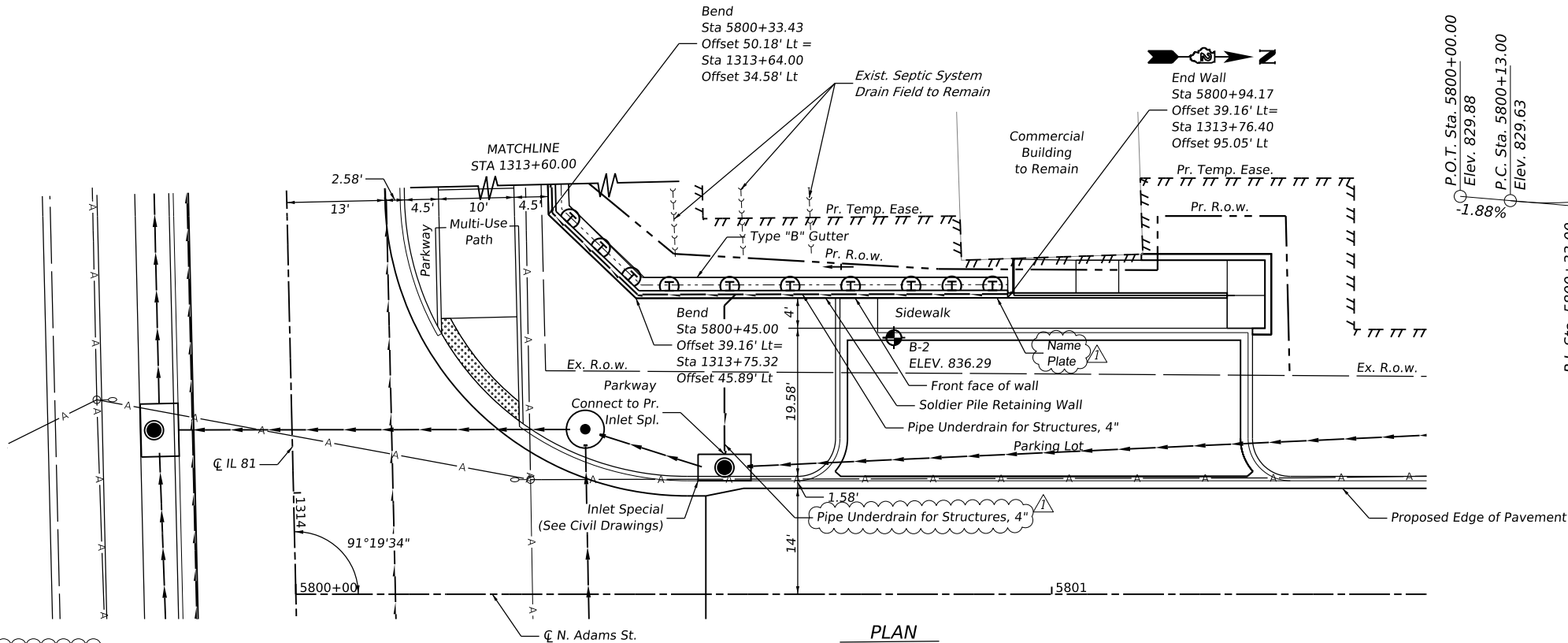
SOLDIER PILE WALL - GENERAL PLAN AND ELEVATION I STRUCTURE NO. 037-W7003 & STRUCTURE NO. 037-W7004					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					611	104R	HENRY	426	295
SCALE: 1" = 10'					CONTRACT NO. 64L94				
SHEET S-1	OF S-9	SHEETS	STA. TO STA.		ILLINOIS FED. AID PROJECT				

GENERAL NOTES:

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All exposed concrete edges shall be chamfered 3/4" unless otherwise noted.
3. All construction joints shall be bonded.
4. The contractor is responsible for the design and performance of the lagging using no less than a 4" x 12" nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1,000 psi,
5. The formliner textured surface shall be a random Ashlar stone pattern and shall be colored. The color shall be per the special provision (Staining Concrete Structures).



TOTAL BILL OF MATERIAL		
Item	Unit	Quantity
Structure Excavation	Cu. Yds.	320
Form Liner Textured Surface	Sq. Ft.	2,525
Protective Coat	Sq. Yds.	326
Reinforcement Bars, Epoxy Coated	Pound	12,956
Furnishing Soldier Piles (W Section)	Foot	1,084
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	4,932
Drilling and Setting Soldier Piles (In Rock)	Cu. Ft.	939
Concrete Structures Retaining Wall	Cu. Yds.	107
Stud Shear Connectors	Each	308
Geocomposite Wall Drain	Sq. Yds.	193
Untreated Timber Lagging	Sq. Ft.	2,212
Anti-Graffiti Coating	Sq. Ft.	2,525
Staining Concrete Structures	Sq. Ft.	2,525
Name Plates	Each	1
Pipe Underdrains For Structures 4"	Foot	397



SOLDIER PILE WALL
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. RTE 611
SEC. 104R
FROM STA. 1310+80 TO STA. 1313+76.40
STR NO. 037-W7003 & STR NO. 037-W7004

NAME PLATE
See Std. 515001

INDEX OF SHEETS

- S-1 Soldier Pile Wall - General Plan & Elevation I
- S-2 Soldier Pile Wall - General Plan & Elevation II
- S-3 Soldier Pile Wall - Typical Sections
- S-4 Soldier Pile Layout I
- S-5 Soldier Pile Layout II
- S-6 Soldier Pile Wall - Data Tables
- S-7 Soldier Pile Wall - Concrete Facing Details
- S-8 Soldier Pile Wall - Details
- S-9 Soil Boring & Logs
- S-10 Soil Boring & Logs

GENERAL PLAN & ELEVATION - II
RETAINING WALLS ALONG IL RTE 81 AND ADAMS ST.
F.A.P. RTE. 611 - SECTION 104R
HENRY COUNTY
STA. 1310+80 TO STA. 1313+76.40
STRUCTURE NO. 037-W7003 & STRUCTURE NO. 037-W7004

SOLDIER PILE WALL - GENERAL PLAN AND ELEVATION II
STRUCTURE NO. 037-W7003 & STRUCTURE NO. 037-W7004

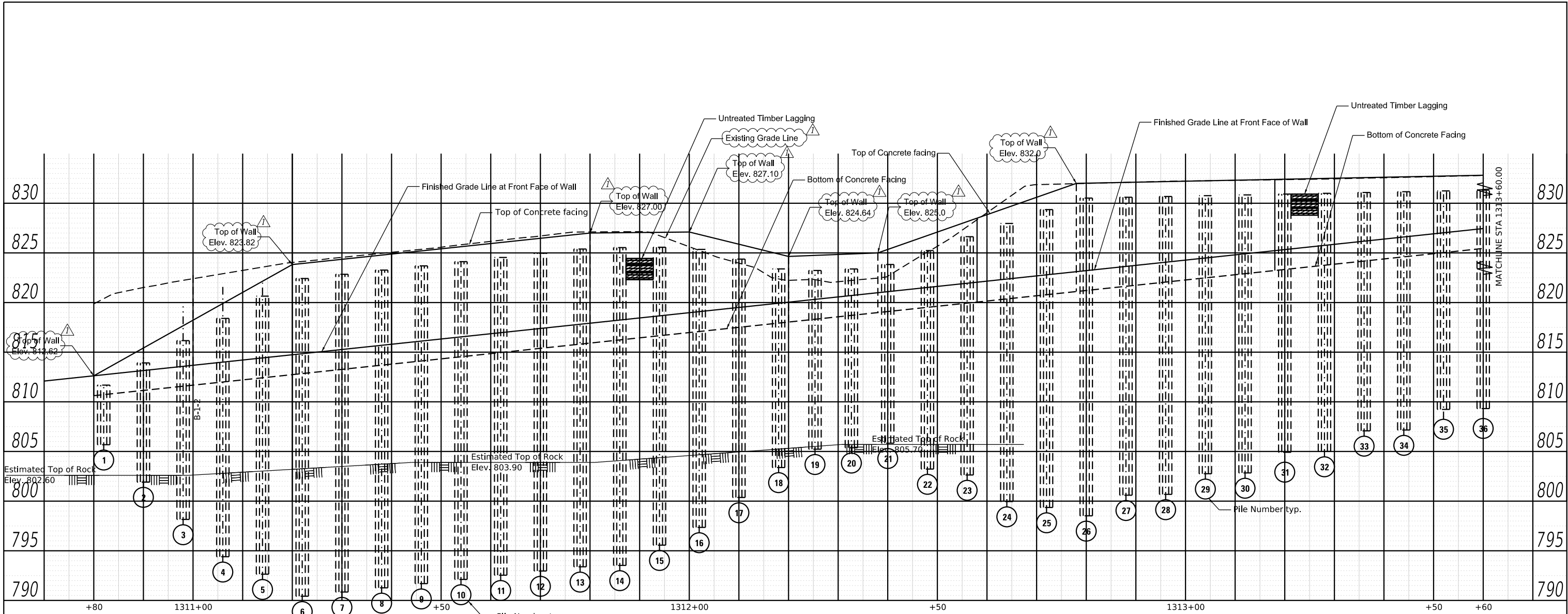
SCALE: 1" = 10' SHEET S-2 OF S-9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	296
CONTRACT NO. 64L94				

ILLINOIS FED. AID PROJECT

USER NAME = Marc.A.Personette	DESIGNED - ALI GHARAMTI	REVISED -
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 10.00' / in.	CHECKED - ALI GHARAMTI	REVISED -
PLOT DATE = 6/1/2026	DATE - 6/1/2026	REVISED -

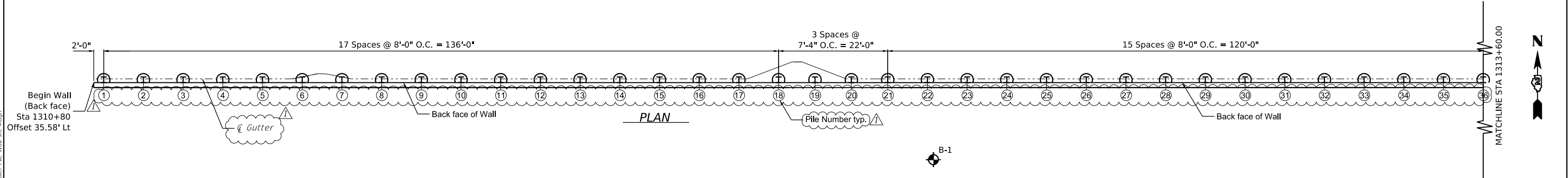
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION

(Looking North)

Dimensions measured along front face of wall



PLAN



USER NAME = Marc.A.Personette	DESIGNED - ALI GHARAMTI	REVISED - 1
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 10.00' / in.	CHECKED - ALI GHARAMTI	REVISED -
PLOT DATE = 5/31/2026	DATE - 5/31/2026	REVISED -

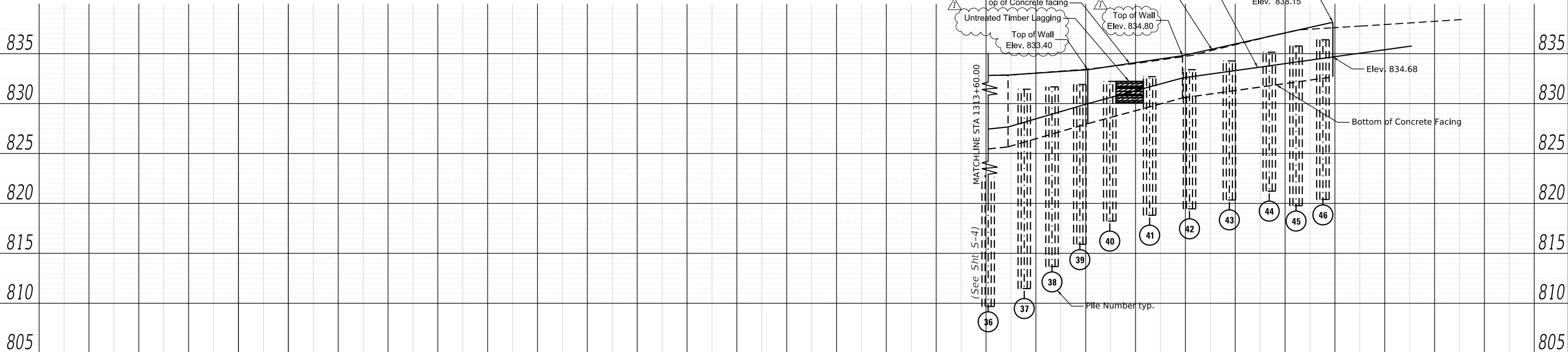
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOLDIER PILE WALL - LAYOUT 1
STRUCTURE NO. 037-W7003 & STRUCTURE NO. 037-W7004

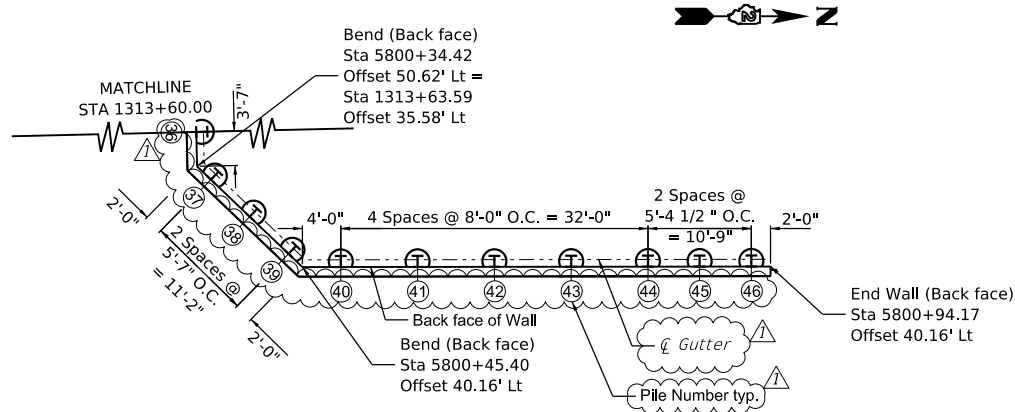
SCALE: 1" = 10' SHEET S-4 OF S-9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	298
CONTRACT NO. 64L94				

ILLINOIS FED. AID PROJECT



ELEVATION
(Looking West)



PLAN

Note: Offsets to wall are measured from the centerline of N. Adams St to the back face of the wall.

MODEL: Default
FILE NAME: W:\2000\1032.00\MicroStation\Structures\02_64L94-Soldier Pile Wall.sht 5.dgn



401 E. STATE ST. 4th Floor
ROCKFORD, IL 61104

PH: 815.985.6400
www.imegcorp.com

USER NAME = Marc.A.Personette	DESIGNED - ALI GHARAMTI	REVISED - 
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 10.00' / in.	CHECKED - ALI GHARAMTI	REVISED -
PLOT DATE = 5/31/2026	DATE - 5/31/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

 **SOLDIER PILE WALL - LAYOUT II**
STRUCTURE NO. 037-W7003 & STRUCTURE NO. 037-W7004

SCALE: 1" = 10' SHEET S-5 OF S-9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	299
CONTRACT NO.64L94				
ILLINOIS FED. AID PROJECT				

SOLDIER PILE WALL - DATA TABLE

Pile No.	Station	Offset to C/L Pile	Pile Designation	Pile Length	Top of Wall Elevation	Top of Pile Elevation	Pile Tip Elevation	Prop. Ground Elevation at Bottom Face of Wall	Bottom of Wall Elevation	Retained Wall height	Pile Embedment	Shaft Diameter	Approx. Rock Elevation	Drilling and Setting Soldier Piles (In Soil)	Drilling and Setting Soldier Piles (In Rock)
				Foot										Cu. Ft.	Cu. Ft.
1	1310+82.00	36.35'	W 18 x 86	6.0	813.18	811.68	805.68	812.73	810.73	2.45	5.05	2'-6"		72.2	
2	1310+90.00	36.35'	W 18 x 86	12.0	815.42	813.92	801.92	813.15	811.15	4.27	9.23	2'-6"	802.60	96.2	3.3
3	1310+98.00	36.35'	W 18 x 86	18.0	817.66	816.16	798.16	813.58	811.58	6.08	13.42	2'-6"	802.60	118.2	21.8
4	1311+06.00	36.35'	W 18 x 86	24.0	819.90	818.40	794.40	814.00	812.00	7.90	17.60	2'-6"	802.60	99.7	40.3
5	1311+14.00	36.35'	W 18 x 97	28.0	822.15	820.65	792.65	814.42	812.42	9.73	19.77	2'-6"	802.60	102.9	48.8
6	1311+22.00	36.35'	W 18 x 97	32.0	823.93	822.43	790.43	814.85	812.85	11.08	22.42	2'-6"	802.60	105.7	59.7
7	1311+30.00	36.35'	W 18 x 97	32.0	824.35	822.85	790.85	815.27	813.27	11.08	22.42	2'-6"	802.60	107.7	57.7
8	1311+38.00	36.35'	W 18 x 97	32.0	824.78	823.28	791.28	815.69	813.69	11.09	22.41	2'-6"	802.60	109.8	55.6
9	1311+46.00	36.35'	W 18 x 97	32.0	825.20	823.70	791.70	816.12	814.12	11.08	22.42	2'-6"	803.90	105.3	59.9
10	1311+54.00	36.35'	W 18 x 97	32.0	825.63	824.13	792.13	816.54	814.54	11.09	22.41	2'-6"	803.90	107.6	57.8
11	1311+62.00	36.35'	W 18 x 97	32.0	826.05	824.55	792.55	816.97	814.97	11.08	22.42	2'-6"	803.90	109.9	55.7
12	1311+70.00	36.35'	W 18 x 97	32.0	826.47	824.97	792.97	817.39	815.39	11.08	22.42	2'-6"	803.90	112.0	53.7
13	1311+78.00	36.35'	W 18 x 97	32.0	826.90	825.40	793.40	817.81	815.81	11.09	22.41	2'-6"	803.90	113.9	51.5
14	1311+86.00	36.35'	W 18 x 97	32.0	827.03	825.53	793.53	818.24	816.24	10.79	22.71	2'-6"	804.50	111.1	53.8
15	1311+94.00	36.35'	W 18 x 97	30.0	827.07	825.57	795.57	818.66	816.66	10.41	21.09	2'-6"	804.50	153.0	43.8
16	1312+02.00	36.35'	W 18 x 97	28.0	826.86	825.36	797.36	819.08	817.08	9.78	19.72	2'-6"	805.00	136.9	37.5
17	1312+10.00	36.35'	W 18 x 97	24.0	825.87	824.37	800.37	819.51	817.51	8.36	17.14	2'-6"	805.00	115.8	22.7
18	1312+18.00	36.35'	W 18 x 86	20.0	824.89	823.39	803.39	819.93	817.93	6.96	14.54	2'-6"	805.30	93.2	9.4
19	1312+25.33	36.35'	W 18 x 86	18.0	824.75	823.25	805.25	820.32	818.32	6.43	13.07	2'-6"	805.50	83.7	1.2
20	1312+32.66	36.35'	W 18 x 86	18.0	824.90	823.40	805.40	820.71	818.71	6.19	13.31	2'-6"	805.70	82.6	1.5
PAGE TOTALS				514.0	PAGE TOTALS									2,138.0	736.0
21	1312+40.00	36.35'	W 18 x 86	18.0	825.35	823.85	805.85	821.10	819.10	6.25	13.25	2'-6"		82.5	
22	1312+48.00	36.35'	W 18 x 86	22.0	826.75	825.25	803.25	821.52	819.52	7.23	16.27	2'-6"	805.70	107.3	12.0
23	1312+56.00	36.35'	W 18 x 97	24.0	828.15	826.65	802.65	821.94	819.94	8.21	17.29	2'-6"	805.70	122.7	15.0
24	1312+64.00	36.35'	W 18 x 97	28.0	829.55	828.05	800.05	822.37	820.37	9.18	20.32	2'-6"	805.70	121.5	27.7
25	1312+72.00	36.35'	W 18 x 97	30.0	830.95	829.45	799.45	822.79	820.79	10.16	21.34	2'-6"	805.70	128.6	30.7
26	1312+80.00	36.35'	W 18 x 97	32.0	832.02	830.52	798.52	823.22	821.22	10.80	22.70	2'-6"	805.70	129.1	35.2
27	1312+88.00	36.35'	W 18 x 97	30.0	832.10	830.60	800.60	823.64	821.64	10.46	21.04	2'-6"	805.70	129.6	25.0
28	1312+96.00	36.35'	W 18 x 97	30.0	832.18	830.68	800.68	824.06	822.06	10.12	21.38	2'-6"	805.70	130.1	24.6
29	1313+04.00	36.35'	W 18 x 97	28.0	832.26	830.76	802.76	824.49	822.49	9.77	19.73	2'-6"	805.70	130.4	14.4
30	1313+12.00	36.35'	W 18 x 97	28.0	832.34	830.84	802.84	824.91	822.91	9.43	20.07	2'-6"	805.70	130.7	14.0
31	1313+20.00	36.35'	W 18 x 97	26.0	832.42	830.92	804.92	825.33	823.33	9.09	18.41	2'-6"	805.70	131.0	3.8
32	1313+28.00	36.35'	W 18 x 97	26.0	832.50	831.00	805.00	825.76	823.76	8.74	18.76	2'-6"		134.7	
33	1313+36.00	36.35'	W 18 x 97	24.0	832.58	831.08	807.08	826.18	824.18	8.40	17.10	2'-6"		124.9	
34	1313+44.00	36.35'	W 18 x 97	24.0	832.66	831.16	807.16	826.60	824.60	8.06	17.44	2'-6"		124.9	
35	1313+52.00	36.35'	W 18 x 86	22.0	832.74	831.24	809.24	827.03	825.03	7.71	15.79	2'-6"		115.2	
36	1313+60.00	36.35'	W 18 x 86	22.0	832.82	831.32	809.32	827.45	825.45	7.37	16.13	2'-6"		115.3	
PAGE TOTALS				414.0	PAGE TOTALS									1,958.0	203.0
37	5800+36.39	49.78'	W 18 x 86	20.0	832.97	831.47	811.47	828.14	826.14	6.83	14.67	2'-6"		105.6	
38	5800+40.43	45.92'	W 18 x 86	18.0	833.16	831.66	813.66	828.95	826.95	6.21	13.29	2'-6"		95.9	
39	5800+44.48	42.06'	W 18 x 86	16.0	833.35	831.85	815.85	829.76	827.76	5.59	11.91	2'-6"		86.1	
40	5800+49.40	40.92'	W 18 x 86	14.0	833.73	832.23	818.23	830.59	828.59	5.14	10.36	2'-6"		76.0	
41	5800+57.40	40.92'	W 18 x 86	14.0	834.32	832.82	818.82	831.68	829.68	4.64	10.86	2'-6"		75.5	
42	5800+65.40	40.92'	W 18 x 86	14.0	834.96	833.46	819.46	832.67	830.67	4.29	11.21	2'-6"		75.3	
43	5800+73.40	40.92'	W 18 x 86	14.0	835.85	834.35	820.35	833.23	831.23	4.62	10.88	2'-6"		75.8	
44	5800+81.40	40.92'	W 18 x 86	14.0	836.73	835.23	821.23	833.79	831.79	4.94	10.56	2'-6"		76.2	
45	5800+86.78	40.92'	W 18 x 86	16.0	837.33	835.83	819.83	834.16	832.16	5.17	12.33	2'-6"		85.9	
46	5800+92.17	40.92'	W 18 x 86	16.0	837.93	836.43	820.43	834.54	832.54	5.39	12.11	2'-6"		84.0	
PAGE TOTALS				156.0	PAGE TOTALS									836.0	0.0
GRAND TOTALS				1084.0	GRAND TOTALS									4,932.0	939.0

Note: Offsets to pile in the data tables are measured from the centerline of IL Rte 81 to the back of the concrete facing. Pile Embedment in the data tables are measured from the bottom of concrete wall to bottom of pile.

MODEL: Default
FILE NAME: W:\2000\032.00\MicroStation\Structures\02_64L94-Soldier Pile Wall.sht_5A.dgn



401 E. STATE ST. 4th Floor
ROCKFORD, IL 61104
PH: 815.965.6400
www.imegcorp.com

USER NAME = Marc.A.Personette

PLOT SCALE = 10.00' / in.

PLOT DATE = 5/31/2026

DESIGNED - ALI GHARAMTI

DRAWN - PATRICK PAUSER

CHECKED - ALI GHARAMTI

DATE - 5/31/2026

REVISED -

REVISED -

REVISED -

REVISED -

NEW SHEET

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOLDIER PILE WALL - DATA TABLE
STRUCTURE NO. 037-W7003 & STRUCTURE NO. 037-W7004

SCALE: 1" = 10' SHEET S-5A OF S-9 SHEETS STA. TO STA.

F.A.P.
RTE.

611

SECTION

104R

COUNTY

HENRY

TOTAL
SHEETS

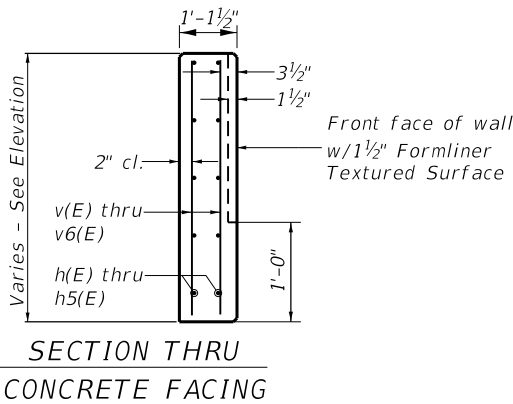
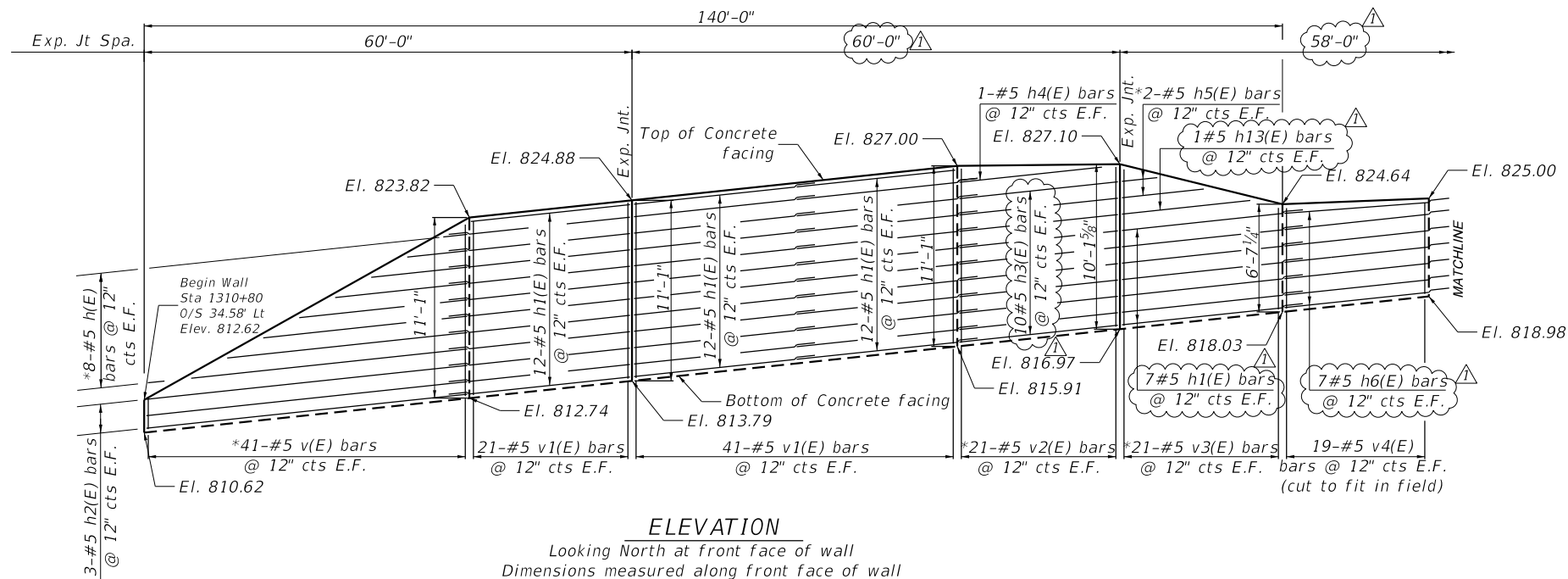
426

SHEET
NO.

299A

CONTRACT NO.64L94

ADDED SHEET 6/3/26

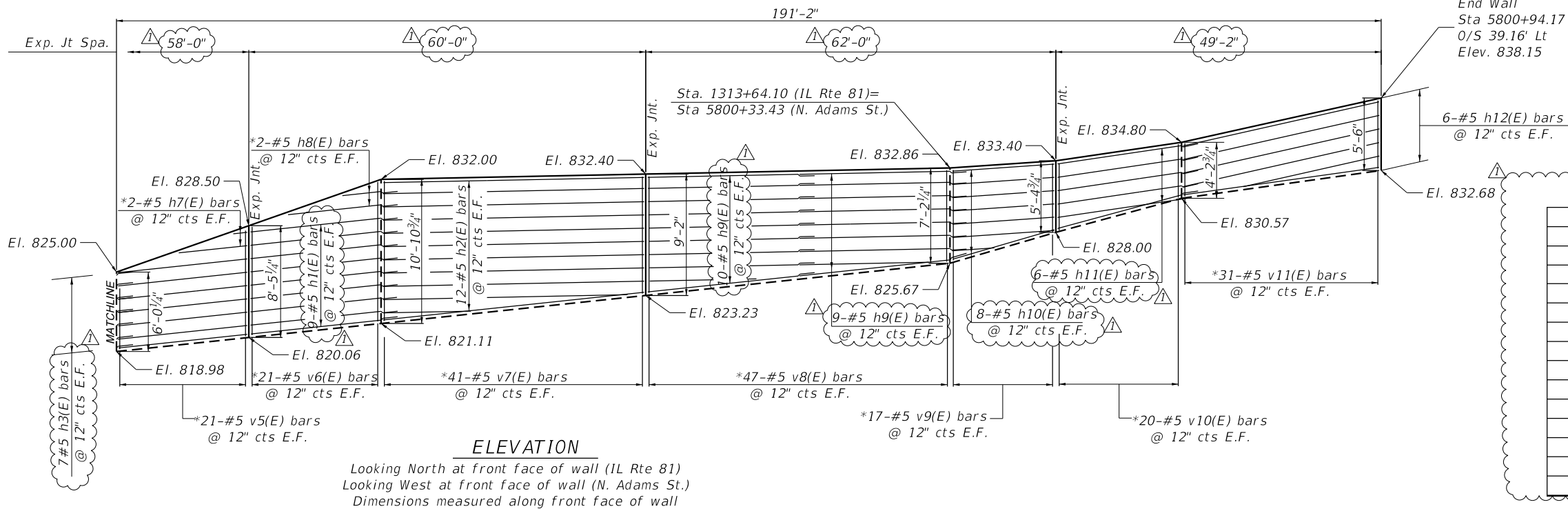
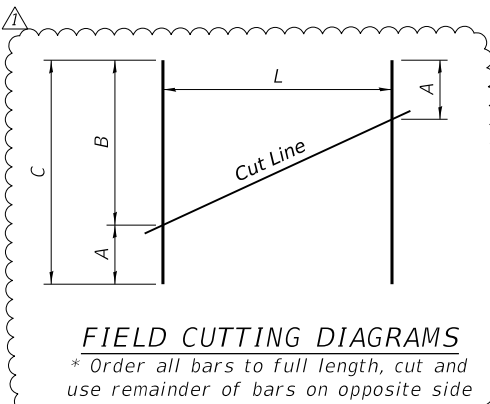


BILL OF MATERIAL				
Bar	No.	Size	Length	Shape
h(E)	8	#5	39'-9"	
h1(E)	104	#5	22'-4"	
h2(E)	30	#5	39'-8"	
h3(E)	34	#5	19'-8"	
h4(E)	2	#5	15'-6"	
h5(E)	2	#5	14'-6"	
h6(E)	14	#5	20'-4"	
h7(E)	2	#5	14'-9"	
h8(E)	2	#5	21'-11"	
h9(E)	38	#5	25'-4"	
h10(E)	16	#5	15'-8"	
h11(E)	12	#5	21'-4"	
h12(E)	12	#5	29'-10"	
h13(E)	2	#5	16'-0"	
v(E)	41	#5	12'-5"	
v1(E)	124	#5	10'-9"	
v2(E)	21	#5	20'-6"	
v3(E)	21	#5	16'-2"	
v4(E)	38	#5	5'-0"	
v5(E)	21	#5	13'-9"	
v6(E)	21	#5	18'-7"	
v7(E)	41	#5	19'-5"	
v8(E)	47	#5	15'-8"	
v9(E)	17	#5	11'-11"	
v10(E)	20	#5	9'-0"	
v11(E)	31	#5	9'-0"	
Concrete Structures Retaining Wall			Cu. Yd.	107.0
Reinforcement Bars, Epoxy Coated			Pound	12,956

MIN. BAR LAP
#5 bars = 2'-6"

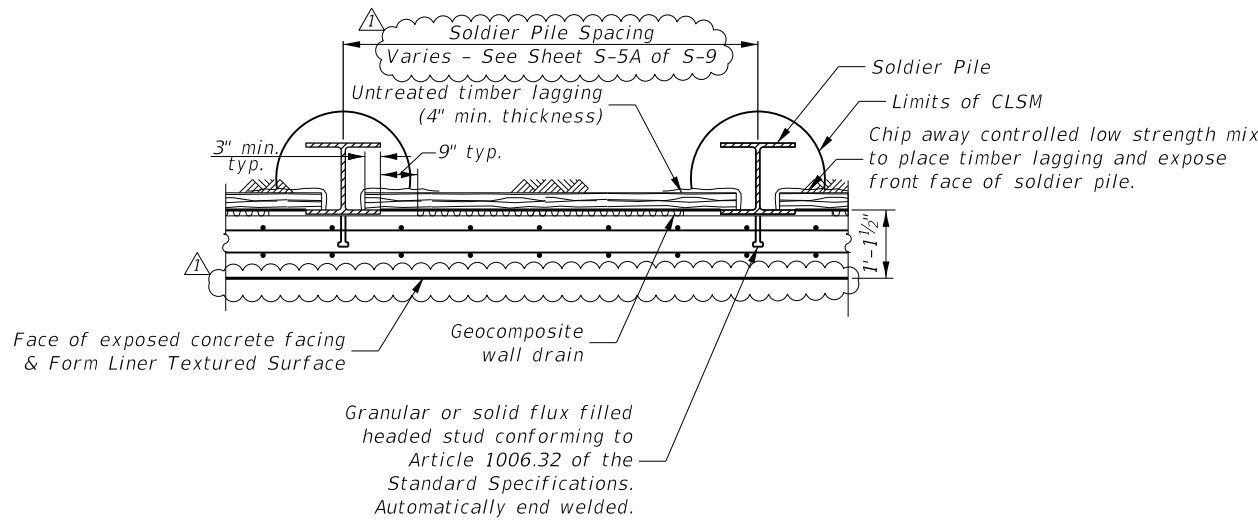
NOTES

- For top of pile and pile tip elevations (See sheet S-4 & S-5).
- Space reinforcement to miss shear studs.
- Space Construction Joints at 30'-0" Max. See Sheet 295 and 296 for location.

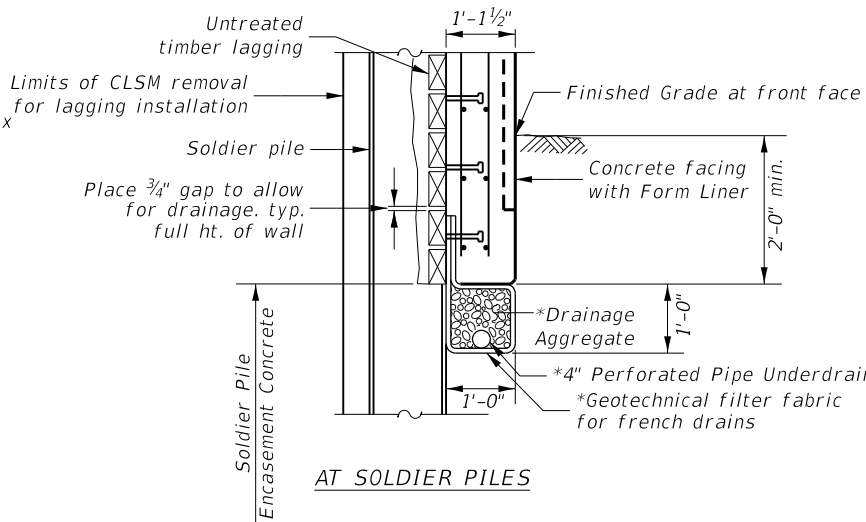


FIELD CUTTING DIAGRAMS TABLE

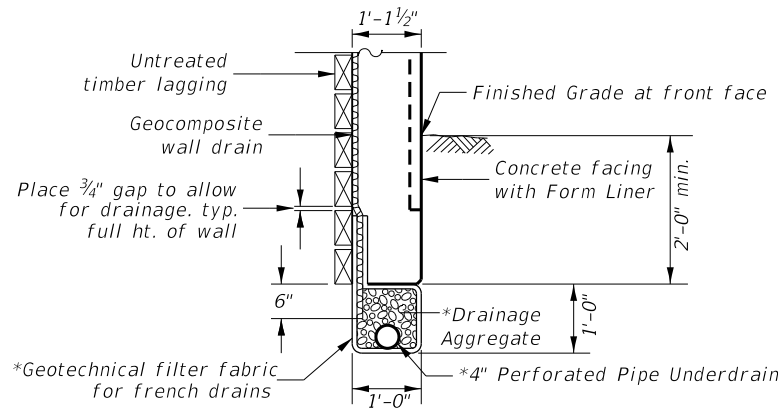
Bars	L	A	B	C
h(E)	8'-0"	4'-5"	35'-4"	39'-9"
h5(E)	1'-0"	4'-6"	10'-0"	14'-6"
h7(E)	1'-0"	3'-3"	11'-6"	14'-9"
h8(E)	1'-0"	6'-10"	15'-1"	21'-11"
v(E)	39'-8"	1'-8"	10'-9"	12'-5"
v2(E)	19'-8"	10'-9"	9'-9"	20'-6"
v3(E)	19'-8"	9'-10"	6'-4"	16'-2"
v5(E)	19'-8"	5'-9"	8'-0"	13'-9"
v6(E)	19'-8"	8'-2"	10'-5"	18'-7"
v7(E)	39'-8"	10'-7"	8'-10"	19'-5"
v8(E)	45'-8"	8'-10"	6'-10"	15'-8"
v9(E)	15'-8"	6'-10"	5'-1"	11'-11"
v10(E)	18'-8"	5'-1"	3'-11"	9'-0"
v11(E)	29'-10"	3'-11"	5'-1"	9'-0"



SECTION THRU DRILLED SOLDIER PILE WALL

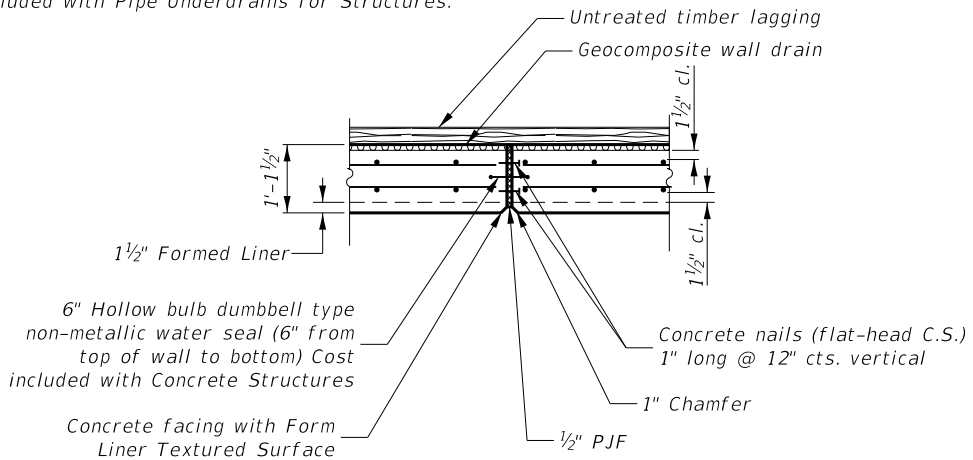


AT SOLDIER PILES

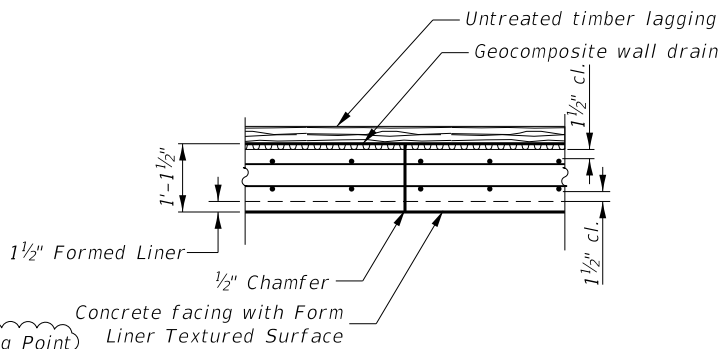


BETWEEN SOLDIER PILES

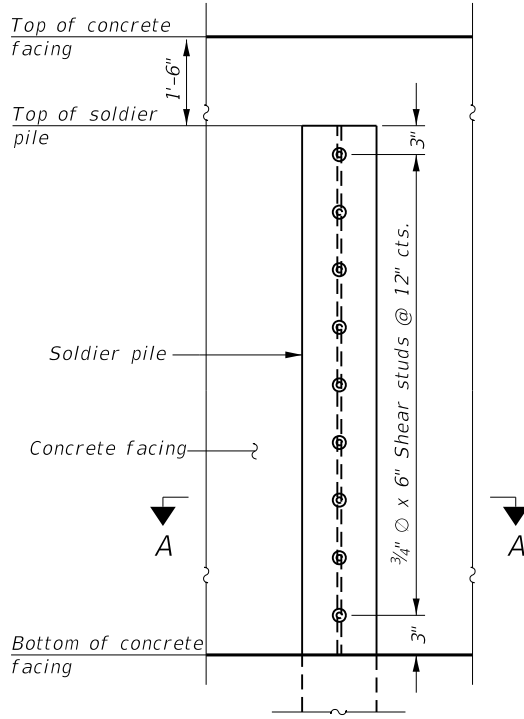
PIPE UNDERDRAIN DETAIL
* Cost included with Pipe Underdrains for Structures.



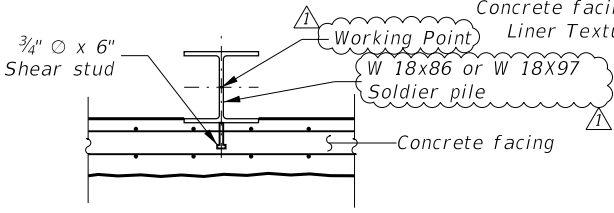
EXPANSION JOINT DETAIL
No reinforcement to pass through joint



CONSTRUCTION JOINT DETAIL



ELEVATION VIEW



SECTION A-A

DETAIL OF SHEAR STUD PLACEMENT

Note: "Soldier pile section, spacing and embedment to be determine during final design"

MODEL: Default
FILE NAME: W:\2020\1032.00\MicroStation\Structures\02_64L94-Soldier_Pile_Wall.dgn
401 E. STATE ST. 4th Floor
ROCKFORD, IL 61104
PH: 815.985.6400
www.imegcorp.com



USER NAME = Brad.S.Lange
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 5/31/2026

DESIGNED - ALI GHARAMTI
DRAWN - PATRICK PAUSER
CHECKED - ALI GHARAMTI
DATE - 5/31/2026

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOLDIER PILE WALL - DETAILS
STRUCTURE NO. 037-W7003 & STRUCTURE NO. 037-W7004

SCALE: 1" = 10' SHEET S-7 OF S-9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	301
CONTRACT NO.64L94				

ILLINOIS FED. AID PROJECT



Date 8/16/23

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft Groundwater Elev.: First Encounter _____ None ft Upon Completion _____ Dry ft After _____ Hrs. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T
(ft)	((6"))	(tsf)	(%)		(ft)	((6"))	(tsf)	(%)

Northing and Easting were calculated using the ILHP-WF coordinate system

BBS, from 137 (Rev. 8-99)



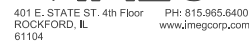
Date 8/17/23

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

D E P T H (ft)	B L O W S (/6")	U C S (tsf)	M O I S T (%)	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft Groundwater Elev.: First Encounter _____ None ft Upon Completion _____ Dry ft After _____ Hrs. _____ ft	D E P T H (ft)	B L O W S (/6")	U C S (tsf)	M O I S T (%)
-----------------------------------	------------------------------------	--------------------------	----------------------------------	---	-----------------------------------	------------------------------------	--------------------------	----------------------------------

Northings and Eastings were calculated using the ILHP-WF coordinate system

BBS, from 137 (Rev. 8-99)



REVISÉ -

SCALE: 1" = 10'	SHEET S-8 OF S-9 SHEETS	STA. _____ TO STA. _____
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ILLINOIS	FED. AID PROJECT
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MODEL: Default
FILE NAME: w:\20001032_00\MicroStationStructures\D2_64194-Soldier Pile Wall.sht 8 dnn



**Illinois Department
of Transportation**
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 5/19/22

ROUTE FAP 611 (IL 81) DESCRIPTION P92-002-14 - Proposed retaining walls LOGGED BY W. Garza

SECTION 104R LOCATION Kewanee, SE 1/4 29, NE 1/4 32, SEC. , TWP. 15N, RNG. 5E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Latitude 41° 14' 56.63" Northing 1,668,986.8699
Station Longitude -89° 56' 31.69" Easting 2,358,324.4644

BORING NO. B-1
Station 1312+49
Offset 6.00ft Lt of CL
Ground Surface Elev. 820.70 ft

D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft Groundwater Elev.: First Encounter _____ None ft Upon Completion _____ Dry ft After _____ Hrs. _____ ft	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
8.8" Asphalt, 9" Concrete				VERY DENSE light gray SHALE (continued) 799.70	27	34		
819.20				End of Boring				
STIFF light brown SILTY CLAY LOAM		1.1 P	22.0					
817.20								
VERY SOFT light brown CLAY LOAM	3	2.3 B	22.0		-25			
814.70	5	8						
STIFF tan SILTY LOAM with SAND LENS	3	1.2 B	21.0					
811.70	3	6						
STIFF tan CLAY LOAM TILL with DRY DIRTY SAND LENS	3	1.2 B	15.0		-30			
809.70	5	6						
STIFF light gray/tan SILTY CLAY	3	1.5 S	21.0					
806.70	4	7						
HARD light gray WEATHERED SHALE	8	4.5 P	15.0		-35			
804.70	12	17						
DENSE light gray SHALE	15							
802.20	20	28						
VERY DENSE light gray SHALE	17				-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



**Illinois Department
of Transportation**
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 6/16/22

ROUTE FAP 611 (IL 81) DESCRIPTION P92-002-14 - Proposed retaining walls LOGGED BY W. Garza

SECTION 104R LOCATION Kewanee, SE 1/4 29, SEC. , TWP. 15N, RNG. 5E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Latitude 41° 14' 57.33" Northing 1,669,057.8995
Station Longitude -89° 56' 29.94" Easting 2,358,458.4694

BORING NO. B-2
Station 5800+80
Offset 33.00ft Lt of CL
Ground Surface Elev. 839.60 ft

D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft Groundwater Elev.: First Encounter _____ 14.5/20.5 ft Upon Completion _____ Dry ft After _____ Hrs. _____ ft	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
SOFT brown SILTY CLAY LOAM		0.3 P	24.0	STIFF tan CLAY LOAM TILL top	5	0.3 P	22.0	
818.60				12" SOFT tan VERY MOIST SANDY LOAM bottom 6" (continued)	7			
837.60	2			MEDIUM light gray SILTY LOAM TILL	3			
836.10	3	0.9 B	26.0		5	1.0 B	17.0	
	5				8			
VERY SOFT tan SILTY LOAM	3			DENSE tan DIRTY MEDIUM COARSE SAND	8		26.0	
833.60	2	0.2 B	26.0		18			
	4			End of Boring	25			
815.10								
SOFT tan SILTY LOAM	2							
831.10	3	0.4 B	26.0					
	4							
SOFT tan/light gray SILTY LOAM	2							
828.60	3	0.4 B	26.0					
	4							
VERY SOFT tan/light gray SILTY LOAM	1							
826.10	2	0.2 B	31.0					
	2							
STIFF tan CLAY LOAM	1							
823.60	3	1.7 B	25.0					
	5							
VERY STIFF tan CLAY LOAM	3							
821.10	5	2.9 B	25.0					
	8							
	5							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

MODEL: Default
FILE NAME: W:\2000\032-00\MicroStation\Structures\02_64L94-Soldier_Pile_Wall_sht_9.dgn



401 E. STATE ST. 4th Floor
ROCKFORD, IL 61104
PH: 815.965.6400
www.imegcorp.com

USER NAME = Brad.S.Lange	DESIGNED - ALI GHARAMTI	REVISED -
	DRAWN - PATRICK PAUSER	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - ALI GHARAMTI	REVISED -
PLOT DATE = 5/31/2026	DATE - 5/31/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 037-W7003 & STRUCTURE NO. 037-W7004

SCALE: 1" = 10' SHEET S-9 OF S-9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	104R	HENRY	426	303
CONTRACT NO.64L94				
ILLINOIS FED. AID PROJECT				