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BORING LOG I55-RWB-06
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 573.49 ft
 North: 1751853.86 ft
 East: 1021647.38 ft
 Station: 907+27.79
 Offset: 6.60 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
572.5	12-inch thick CONCRETE PAVEMENT							553.0	Very stiff, brown CLAY LOAM to SILTY CLAY LOAM, trace to little gravel; damp						
	Medium dense, brown SANDY GRAVEL; damp		1		9 7 6	NP	3		--FILL-- --RDR 2--		9		2.00 P	14	
570.5	Stiff, brown CLAY LOAM, trace gravel; damp		2		3 9 18	1.00 P	16		--FILL-- --RDR 2--		10		2.00 P	14	
568.0	Medium dense to very dense, brown Gravelly SANDY LOAM to SANDY GRAVEL; damp		3		9 19 27	NP	6		--FILL-- --RDR 2--		11		2.00 P	20	
			4		5 13 12	NP	7		--FILL-- --RDR 2--		12		NP	10	
			5		8 9 10	NP	10		--RDR 2--		13		1.72 B	26	
			6		10 10 13	NP	10		--wet spoon recovery; possible sand lens--		13				
			7		50/2"	NP	5				14				
			8		14 12 11	NP	8		--AUGER REFUSAL-- Boring terminated at 38.00 ft		15				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-11-2024	Complete Drilling	01-11-2024	While Drilling	▽	35.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	38.00 ft	
Driller	RH&JD	Logger	M. Rojo	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	▽	NA			
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG I55-RWB-07
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 571.84 ft
 North: 1751932.86 ft
 East: 1021639.96 ft
 Station: 988+06.82
 Offset: 6.59 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 1 of 2

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
571.1	9-inch thick CONCRETE --PAVEMENT--							551.3	Medium dense, dark brown LOAM to SILTY LOAM, little gravel; moist						
570.8	3-inch thick SANDY GRAVEL --AGGREGATE BASE--		1		5 5 4	1.00 P	20		--FILL-- --RDR 2--		9		13 7 10	NP	8
	Medium stiff to stiff, brown Gravelly CLAY LOAM; damp to moist		2		3 7 9	0.50 P	8		--FILL-- --RDR 2--		10		7 6 9	3.00 P	12
			3		13 13 14	NP	5		--FILL-- --RDR 2-3--		11		5 12 13	2.50 P	9
566.3	Medium dense to very dense, brown and gray Gravelly SANDY LOAM to Gravelly LOAM; damp to moist		4		7 12 11	NP	6		--FILL-- --RDR 2--		12		6 10 8	NP	10
	--%Gravel=19.6-- --%Sand=35.9-- --%Silt=37.5-- --%Clay=7.0--		5		9 10 6	NP	8		--RDR 2--		13		7 11 13	5.33 B	17
			6		7 5 6	NP	7				14				
			7		4	NP	6				15				
			8		13 12 9	NP	14				16				
			14		50/2"	NP	16				17				
			16			NP	16				18				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-28-2024	Complete Drilling	01-28-2024	While Drilling	▽	36.75 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	17B57T [91%]	At Completion of Drilling	▽	38.50 ft	
Driller	NC&JD	Logger	L. Corral	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	▽	NA			
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw/Projects/2018/CH401/401180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1001-Ramp_AA_Retaining_Wall/Initial/099W1001-62R26-XX6-Soil Boring (6 of 17).dgn



USER NAME	= eokoul	DESIGNED	- LRG	REVISED	-
CHECKED	- CRS	REVISIONS	-		
PLOT SCALE	= 0.2" = 1' / in.	DRAWN	- LRG	REVISED	-
PLOT DATE	= 8/12/2024	CHECKED	- CRS	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (6 OF 17)
 STRUCTURE NO. 099-W001

SHEET SA-21 OF SA-32 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	401
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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BORING LOG I55-RWB-07
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 571.84 ft
 North: 1751932.86 ft
 East: 1021639.96 ft
 Station: 906+06.82
 Offset: 6.59 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 2 of 2

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
569.3	12-inch thick CONCRETE --PAVEMENT--														
	Medium dense to dense, brown Gravelly SANDY LOAM to LOAM; damp --FILL-- --RDR 2-3--	1		1	12 11 12	NP	7		Very stiff to hard, brown and gray CLAY LOAM, trace gravel; damp --FILL-- --RDR 2--	9		13 11 12	4.50 P	14	
		2		2	4 2 12	NP	8			10		6 8 10	2.50 P	17	
		3		3	8 11 12	NP	9			11		7 4 12	4.50 P	12	
		4		4	21 25 19	NP	5		Very stiff, dark gray and black SILTY CLAY, trace gravel; damp --Buried TOPSOIL-- --RDR 2--	12		8 6 5	2.00 P	34	
		5		5	6 11 17	NP	10		Dense, gray SANDY GRAVEL; damp --RDR 2--	13		7 16 16	NP	6	
557.3	Medium dense to very dense, brown LOAM to SILTY LOAM, trace to some gravel; damp --FILL-- --RDR 2--15	6		6	5 5 10	NP	12								
		7		7	8 8 7	NP	11								
		8		8	50/2"	NP	11		--AUGER REFUSAL-- Boring terminated at 38.00 ft						
550.3		20													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-28-2024	Complete Drilling	01-28-2024	While Drilling	▽	36.75 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	17B57T [91%]	At Completion of Drilling	▽	38.50 ft	
Driller	NC&JD	Logger	L. Corral	Checked by	C. Marin		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Time After Drilling	NA		
				Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG I55-RWB-08
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 570.35 ft
 North: 1752000.59 ft
 East: 1021637.51 ft
 Station: 988+74.60
 Offset: 6.22 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
569.3	12-inch thick CONCRETE --PAVEMENT--														
	Medium dense to dense, brown Gravelly SANDY LOAM to LOAM; damp --FILL-- --RDR 2-3--	1		1	12 11 12	NP	7		Very stiff to hard, brown and gray CLAY LOAM, trace gravel; damp --FILL-- --RDR 2--	9		13 11 12	4.50 P	14	
		2		2	4 2 12	NP	8			10		6 8 10	2.50 P	17	
		3		3	8 11 12	NP	9			11		7 4 12	4.50 P	12	
		4		4	21 25 19	NP	5		Very stiff, dark gray and black SILTY CLAY, trace gravel; damp --Buried TOPSOIL-- --RDR 2--	12		8 6 5	2.00 P	34	
		5		5	6 11 17	NP	10		Dense, gray SANDY GRAVEL; damp --RDR 2--	13		7 16 16	NP	6	
557.3	Medium dense to very dense, brown LOAM to SILTY LOAM, trace to some gravel; damp --FILL-- --RDR 2--15	6		6	5 5 10	NP	12								
		7		7	8 8 7	NP	11								
		8		8	50/2"	NP	11		--AUGER REFUSAL-- Boring terminated at 38.00 ft						
550.3		20													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-11-2024	Complete Drilling	01-11-2024	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	DRY	
Driller	RH&JD	Logger	M. Rojo	Checked by	C. Marin		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Time After Drilling	NA		
				Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw-hosted/Documents/Projects_2018/CH401/401180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1001-Ramp_AA_Retaining_Wall/Final/099W1001-62R26-XX6-Soil-Boring (7 of 17).dgn

WANGENG 2553901.GPJ WANGENG.GDT 2/23/24

WANGENG 2553901.GPJ WANGENG.GDT 2/23/24



USER NAME = eoskoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 0.2" = 1' / in.	CHECKED - CRS	REVISED -
PLOT DATE = 8/12/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (7 OF 17)
 STRUCTURE NO. 099-W001

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	402
CONTRACT NO. 62R26				
ILLINOIS / FED. AID PROJECT				

SHEET SA-22 OF SA-32 SHEETS

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BORING LOG I55-RWB-09
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 568.04 ft
 North: 1752087.82 ft
 East: 1021635.99 ft
 Station: 909+61.84
 Offset: 7.36 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 1 of 2

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
567.3	9-inch thick CONCRETE PAVEMENT							trace gravel; moist					
567.3	3-inch thick SANDY GRAVEL --BASE COURSE--							FILL --RDR-2--					
565.0	Medium stiff, brown LOAM; moist --FILL--	9	1	9	0.50	12	545.0	Very stiff, gray and brown Gravelly CLAY LOAM; moist --FILL--	9	9	8	NP	16
		17	2	17	NP	6			25	10	11	2.00	10
		8	3	8	NP	6	542.5	--wet spoon recovery; possible sand lens-- Very stiff, black SILTY CLAY LOAM; moist to wet --Buried TOPSOIL--	15	11	7	2.21	50
		8	4	8	NP	7	540.0	Soft, dark gray CLAY to SILTY CLAY, trace organic matter; wet --RDR-2--	3	12	3	0.25	45
		10	5	10	NP	10	538.7	Very stiff (2.21B), dark gray SILTY CLAY LOAM; wet --RDR-2--	3	13	3	NP	13
		5	6	5	NP	8	536.3	Very dense, light gray Gravelly SILTY LOAM; wet --RDR-3--	38		22	50/4"	
		5	7	5	NP	11		--possible weathered bedrock--					
		49	8	49	NP	7	530.0	Strong, light gray, very poor to poor quality, DOLOSTONE; very closely spaced, slightly weathered, horizontal, oblique,					
549.1	Medium dense, dark brown and black LOAM to CLAY LOAM.	20		13					40				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-29-2024	Complete Drilling	01-30-2024	While Drilling	▽	25.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	17B57T [91%]	At Completion of Drilling	▽	26.00 ft	
Driller	NC&JD	Logger	L. Corral	Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG I55-RWB-09
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 568.04 ft
 North: 1752087.82 ft
 East: 1021635.99 ft
 Station: 909+61.84
 Offset: 7.36 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 2 of 2

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
	and vertical joints, with <0.05 inch opening, slicken to rough walls, and no infill.												
	--RUN 1: 38.0 to 41.0 feet-- --Recovery: 50%-- --RQD: 11%--												
	--RUN 2: 41.0 to 45.0 feet-- --Recovery: 92%-- --RQD: 17%--												
	--RUN 3: 45.0 to 48.5 feet-- --Recovery: 100%-- --RQD: 33%--												
519.5	Boring terminated at 48.50 ft	50							55				
		60											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-29-2024	Complete Drilling	01-30-2024	While Drilling	▽	25.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	17B57T [91%]	At Completion of Drilling	▽	26.00 ft	
Driller	NC&JD	Logger	L. Corral	Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw.bentley.com/Projects/2018/CH401/401180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1001_Ramp_AA_Retaining_Wall/IFinal/099W1001_62R26-XX8-Soil Boring (8 of 17).dgn
 WANGENGINC 2555901.GPJ WANGENG.GDT 2/23/24



USER NAME = eokoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 0.2" = 1' / in.	CHECKED - CRS	REVISED -
PLOT DATE = 8/12/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (8 OF 17)
 STRUCTURE NO. 099-W001

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	403
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

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BORING LOG I55-RWB-11
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 563.66 ft
 North: 1752240.87 ft
 East: 1021631.10 ft
 Station: 991+14.96
 Offset: 7.17 RT

Page 2 of 2

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
560.6	12-inch thick CONCRETE --PAVEMENT--														
558.6	Loose, brown LOAM to SILTY LOAM, some gravel; damp --FILL--	45		15	27	NP	32					9	4	2.95	14
556.1	Dense, brown and gray SILTY LOAM to SILTY CLAY LOAM, some gravel; damp --FILL--	50		2								10	9	2.30	15
552.4	Very dense, brown SANDY GRAVEL; damp --FILL-- --RDR 2--	55		3								11	50/3	NP	6
548.6	Medium dense, brown Gravelly LOAM; damp --FILL-- --RDR 2--	55		4								4			
546.1	Very dense, brown and gray SANDY GRAVEL; dry --FILL--	55													
543.6	Medium stiff, gray and black CLAY LOAM, little to some gravel; damp --FILL--	55													
	--wet spoon recovery; possible sand lens--														
	Very stiff to hard, brown to gray SILTY CLAY LOAM to CLAY LOAM, trace gravel; damp to														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-30-2024	Complete Drilling	01-30-2024	While Drilling	▽	20.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	21.00 ft	
Driller	RH&JD	Logger	I. Romero	Time After Drilling	NA		
Checked by	C. Marin			Depth to Water	▽	NA	
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG I55-RWB-12
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 561.60 ft
 North: 1752312.37 ft
 East: 1021630.11 ft
 Station: 991+86.46
 Offset: 8.36 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
560.6	12-inch thick CONCRETE --PAVEMENT--														
558.6	Loose, brown LOAM to SILTY LOAM, some gravel; damp --FILL--	45		1	6	NP	15					9	4	2.95	14
556.1	Dense, brown and gray SILTY LOAM to SILTY CLAY LOAM, some gravel; damp --FILL--	50		2	5	NP	11					10	9	2.30	15
552.4	Very dense, brown SANDY GRAVEL; damp --FILL-- --RDR 2--	55		3	30	NP	6					11	50/4	NP	6
548.6	Medium dense, brown Gravelly LOAM; damp --FILL-- --RDR 2--	55		4	9	NR									
546.1	Very dense, brown and gray SANDY GRAVEL; dry --FILL--	55		5	7	NP	11								
543.6	Medium stiff, gray and black CLAY LOAM, little to some gravel; damp --FILL--	55		6	5	0.57	13								
	--wet spoon recovery; possible sand lens--														
	Very stiff to hard, brown to gray SILTY CLAY LOAM to CLAY LOAM, trace gravel; damp to														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-11-2024	Complete Drilling	01-11-2024	While Drilling	▽	18.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	17B57T [91%]	At Completion of Drilling	▽	19.00 ft	
Driller	NC&KG	Logger	I. Romero	Time After Drilling	NA		
Checked by	C. Marin			Depth to Water	▽	NA	
Drilling Method	2.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw/1-hosted/Document/Projects_2018/CH401/401180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1001-Ramp_AA_Retaining_Wall/Final/099W1001-62R26-X10-Soil Boring (10 of 17).dgn

WANGENGINC 2553901.GPJ WANGENG.GDT 2/23/24

WANGENGINC 2553901.GPJ WANGENG.GDT 2/23/24



USER NAME = eoukoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 0.2" = 1' / in.	CHECKED - CRS	REVISED -
PLOT DATE = 8/12/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORINGS (10 OF 17)
 STRUCTURE NO. 099-W001

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	405
CONTRACT NO. 62R26				
		ILLINOIS	FED. AID PROJECT	

SHEET SA-25 OF SA-32 SHEETS

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BORING LOG I55-RWB-13
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 559.54 ft
 North: 1752398.97 ft
 East: 1021626.09 ft
 Station: 992+73.14
 Offset: 6.99 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 1 of 2

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
550.7	10-inch thick CONCRETE PAVEMENT							--RDR 2--					
	Loose to very dense, light brown SANDY GRAVEL to Gravelly SAND; damp to saturated --FILL-- --RDR 2-3--	5	1	5 13 9	NP	8	538.3	Medium dense, light gray Gravelly SILTY LOAM; moist	9	9	12 13 9	NP	10
		5	2	5 8 13	NP	8	536.5	Very stiff, light greenish gray SILTY CLAY LOAM; moist --RDR 3--	10	10	16 30 50/4"	3.00 P	29
		10	3	10 11 8	NP	11	534.0	Very dense, light gray SANDY GRAVEL; wet --Weathered BEDROCK-- --RDR 3--	11	11	27 29 47	NP	13
		10	4	12 17 8	NP	7		--possible cobbles--	12	12	50/6"	NP	13
		15	5	50/5"	NP	2							
		15	6	7 15 11	NP	6	525.5	Strong, light brownish gray, very poor to poor quality, DOLOSTONE; very closely spaced, slightly weathered, horizontal, oblique, and vertical joints, with <0.05 inch opening, slicken to slightly rough walls, and <0.2 inch thick clay infill. --RUN 1: 34.0 to 40.0 feet-- --Recovery: 90%-- --RQD: 11%-- --Q _u =6,587 psi--	13	13	50/4"	NP	12
540.7	Hard, dark gray SILTY CLAY LOAM; moist	20	8	4 6 6	8.20 B	14							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-30-2024	Complete Drilling	01-30-2024	While Drilling	▽	15.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	17B57T [91%]	At Completion of Drilling	▽	16.00 ft	
Driller	NC&JD	Logger	L. Corral	Checked by	C. Marin		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Time After Drilling	NA		
				Depth to Water	▽	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG I55-RWB-13
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 559.54 ft
 North: 1752398.97 ft
 East: 1021626.09 ft
 Station: 992+73.14
 Offset: 6.99 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 2 of 2

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	--RUN 2: 40.0 to 44.0 feet-- --Recovery: 94%-- --RQD: 48%--												
515.5	Boring terminated at 44.00 ft	45											
		50											
		55											
		60											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-30-2024	Complete Drilling	01-30-2024	While Drilling	▽	15.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	17B57T [91%]	At Completion of Drilling	▽	16.00 ft	
Driller	NC&JD	Logger	L. Corral	Checked by	C. Marin		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Time After Drilling	NA		
				Depth to Water	▽	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw1-hosted/Projects/2018/CH401/401180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1001-Ramp_AA_Retaining_Wall/Initial/099W1001-62R26-X11-Soil Boring (11 of 17).dgn
 WANGENG\GDT_222124



USER NAME = eoskoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 0.2" = 1' / in.	CHECKED - CRS	REVISED -
PLOT DATE = 8/12/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (11 OF 17)
 STRUCTURE NO. 099-W001

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	406
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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BORING LOG I55-RWB-18
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 556.25 ft
 North: 1752801.46 ft
 East: 1021613.37 ft
 Station: 996+75.83
 Offset: 6.60 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

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BORING LOG I55-RWB-19
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 556.48 ft
 North: 1752835.40 ft
 East: 1021612.41 ft
 Station: 997+09.79
 Offset: 6.68 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
555.3	12-inch thick CONCRETE PAVEMENT							--Weathered BEDROCK-- RDR 3 4					
	Medium dense, light brown SANDY GRAVEL; damp --AGGREGATE BASE--		1	12 9 6	NP	4		--possible cobbles--		9	50/3	NP	14
553.3	Loose to medium dense, light gray and brown SANDY GRAVEL; damp to moist --FILL-- --RDR 2--		2	9 15 8	NP	8		--AUGER REFUSAL-- Boring terminated at 23.00 ft		10	50/3	NR	
	--some silty clay loam interbeds--		3	9 6 3	NP	9							
548.3	Medium stiff, gray to dark gray CLAY to CLAY LOAM, trace gravel; moist --FILL-- --RDR 2--		4	2 2 3	0.50 P	23							
	--L ₁ (%)=44, P ₁ (%)=15-- --%Gravel=2.8-- --%Sand=26.4-- --%Silt=41.0-- --%Clay=29.7-- --A-7-6 (19)--		5	2 2 3	0.90 B	31							
543.3	Stiff, black SILTY CLAY LOAM, trace gravel; moist --Buried TOPSOIL-- --RDR 2--		6	3 6 6	1.00 P	42							
	--organic content= 5.5%-- --L ₁ (%)=56, P ₁ (%)=24-- --%Gravel=1.7-- --%Sand=12.7-- --%Silt=56.7-- --%Clay=28.8-- --A-7-6 (30)--		7	50/4	NP	9							
540.8	Very dense, light brown and gray SANDY GRAVEL; wet --RDR 3--		8	50/5	NP	15							
538.3	Very dense, gray Gravelly LOAM; wet to saturated												

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
555.5	12-inch thick CONCRETE --PAVEMENT--						536.0	Greenish gray Gravelly SILTY LOAM; damp		9	25 50/4	NP	11
	Medium dense, brown and gray SANDY GRAVEL; damp --FILL-- --RDR 2--		1	12 12 9	NP	4		--RDR 3--					
			2	4 4 8	NP	5		Very dense, light gray GRAVEL; saturated --Weathered BEDROCK--		10		NP	9
			3	5 4 2	NP	11							
551.0	Loose, brown and gray Gravelly SANDY LOAM; moist --FILL--		5	3 2 3	0.50 P	22		Strong, light gray, very poor quality, DOLOSTONE; very closely spaced, slightly weathered, horizontal, oblique, and vertical joints, with <0.05 inch opening, slicken to slightly rough walls, <0.2 inch thick clay infill, and vugs.					
			6	2 2 3	0.25 P	23		--RUN 1: 24.0 to 28.0 feet-- --Recovery: 100%-- --RQD: 19%--					
548.5	Soft to medium stiff, brown, gray and black SILTY CLAY LOAM to CLAY LOAM, trace to little gravel; moist --FILL-- --RDR 2--		4	2 2 3	0.25 P	23		--RUN 2: 28.0 to 34.0 feet-- --Recovery: 100%-- --RQD: 15%--					
			5	3 2 3	0.50 P	22							
543.5	Soft, black SILTY CLAY LOAM, trace to little organic matter; moist --Buried TOPSOIL--		6	2 1 3	0.25 P	43							
			7	14 12 10	3.67 N/6	23							
541.0	--wet spoon recovery; possible gravel lens--												
	Very stiff, black and brown Gravelly SILTY CLAY LOAM;												
538.5	Very dense, brown and gray SANDY GRAVEL; saturated --RDR 3--		8	41 50/2	NP	28							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-21-2024	Complete Drilling	01-21-2024	While Drilling	▽	15.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	16.00 ft	
Driller	NC&JD	Logger	L. Corral	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	▽	NA	NA		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-06-2024	Complete Drilling	02-06-2024	While Drilling	▽	15.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	16.00 ft	
Driller	RH&JD	Logger	L. Corral	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	▽	NA	NA		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems/Projects/2018/CH401/401180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1001-Ramp_AA_Retaining_Wall/IFinal/099W1001-62R26-X14-Soil Boring (14 of 17).dgn



USER NAME = eoskoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 0.2" = 1' / in.	CHECKED - CRS	REVISED -
PLOT DATE = 8/12/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (14 OF 17)
 STRUCTURE NO. 099-W001
 SHEET SA-29 OF SA-32 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	409
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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BORING LOG I55-RWB-20
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 558.36 ft
 North: 1752992.56 ft
 East: 1021607.96 ft
 Station: 990+67.01
 Offset: 7.04 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
557.5	10-inch thick CONCRETE PAVEMENT						558.4	--possible cobbles-- Weathered BEDROCK		9		NR	
557.4	2-inch thick BASE COURSE						536.4	Strong, light greenish gray, poor quality, DOLOSTONE; very closely spaced, slightly weathered, horizontal, oblique, and vertical joints, slicken to slightly rough walls, and <0.2 inch thick clay infill.					
	Medium dense, brown and gray SANDY GRAVEL; damp --FILL-- --RDR 2--	5	1	12 8 5	NP	3		--RUN 1: 22.0 feet to 32.0 feet-- --Recovery: 96%-- --RQD: 36%-- --coring rate: 2.0 min/ft-- --Q _u =5,693 psi--	25				
		5	2	5 5 6	NP	6			30				
552.1	Very soft, brown and gray Gravelly CLAY LOAM; moist --FILL--	10	3	3 3 2	0.25 P	19			35				
550.4	Very soft, dark gray SANDY CLAY LOAM; moist --FILL--	10	4	2 2 2	0.25 P	12		--Q _u =8,677 psi--	35				
547.9	--wet spoon recovery; possible sand lens-- Very soft, black SILTY CLAY LOAM; wet --Buried TOPSOIL--	10	5	0 1 1	0.25 P	40			40				
545.4	Medium stiff, dark gray and black SILTY CLAY LOAM; moist --RDR 2--	15	6	4 2 2	0.50 P	29		Boring terminated at 32.00 ft					
542.9	Medium dense, light brown to orange Gravelly SANDY LOAM; saturated --RDR 2--	15	7	7 12 14	NP	27							
540.4	Very stiff, greenish gray SILTY CLAY LOAM to SILTY LOAM, trace gravel; wet --RDR 2--	20	8	5 5 43	2.00 P	23							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-01-2024	Complete Drilling	02-01-2024	While Drilling	▽	10.50 ft	
Drilling Contractor	Wang	Drill Rig	17B57T [91%]	At Completion of Drilling	▽	11.00 ft	
Driller	NC&JD	Logger	L. Corral	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	▽	NA	NA		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG I55-RWB-21
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 559.17 ft
 North: 1753028.62 ft
 East: 1021606.23 ft
 Station: 999+03.40
 Offset: 4.65 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
558.4	9-inch thick CONCRETE --PAVEMENT--						537.2	cobbles; damp --Weathered BEDROCK--		9		NP	7
	Medium dense, brown SANDY GRAVEL; damp --FILL-- --RDR 2--	5	1	5 5 5	NP	7		Strong, light gray, very poor quality, DOLOSTONE; very closely to closely spaced, slightly weathered, horizontal, oblique, and vertical joints, with <0.05 inch opening, slicken to slightly rough walls, and <0.2 inch thick clay infill.	25				
		5	2	3 6 5	NP	10		--RUN 1: 22.0 to 27.0 feet-- --Recovery: 92%-- --RQD: 8%-- --coring rate: 2.2 min/ft-- --Q _u =6,056 psi-- --RUN 2: 27.0 to 32.0 feet-- --Recovery: 87%-- --RQD: 20%-- --coring rate: 1.3 min/ft--	30				
553.7	Soft, brown CLAY LOAM, trace gravel; moist --FILL--	10	3	2 2 2	0.41 B	14			35				
551.2	Stiff, black SILTY CLAY LOAM; moist --Buried TOPSOIL--	10	4	2 3 2	1.15 B	22			40				
548.7	Hard, brown and gray SILTY CLAY LOAM; moist --RDR 2--	15	5	2 6 7	5.74 B	16		Boring terminated at 32.00 ft					
		15	6	13 49 20	4.50 P	14							
543.7	Very dense, brown Gravelly SANDY LOAM; damp --RDR 3--	20	7	40 49 50	NP	14							
541.2	Very dense, greenish gray SILTY LOAM, trace gravel; damp --RDR 3--	20	8	50 50	1.00 P	11							
540.2	Very dense, gray GRAVEL, trace	20											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-29-2024	Complete Drilling	01-29-2024	While Drilling	▽	groundwater not encountered	
Drilling Contractor	Wang Testing Services	Drill Rig	17B57T [91%]	At Completion of Drilling	▽	groundwater not recorded	
Driller	NC&JD	Logger	L. Corral	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	▽	NA	NA		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw1-hosted/Projects/2018/CH401/401180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1001-62R26-X15-Soil Boring (15 of 17).dgn



USER NAME = eokoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 0.2" = 1' / in.	CHECKED - CRS	REVISED -
PLOT DATE = 8/12/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (15 OF 17)
 STRUCTURE NO. 099-W001
 SHEET SA-30 OF SA-32 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	410
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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BORING LOG I55-RWB-22
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 561.14 ft
 North: 1753111.48 ft
 East: 1021603.26 ft
 Station: 999+86.17
 Offset: 0.12 LT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
560.1	12-inch thick CONCRETE PAVEMENT														
	Loose to medium dense, light brown and gray SANDY GRAVEL; damp --FILL-- --RDR-2--	1		1	9 8 6	NP	3								
		5		2	5 4 2	NP	5								
555.6	Soft, black SILTY CLAY LOAM; moist --buried TOPSOIL-- --RDR-2--	3		3	2 3 2	0.33 B	16								
553.1	Very dense, brown, Gravelly LOAM to SILTY LOAM; moist --RDR-2--	4		4	15 45 50/2"	NP	10								
	--possible cobbles and boulders--	5		5	13 50/4"	NP	9								
547.1	--possible boulder at 14ft-- --AUGER REFUSAL-- Boring terminated at 14.00 ft	15		6	50/1"										

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-08-2024	Complete Drilling	02-08-2024	While Drilling	▽	DRY	
Drilling Contractor	Wang	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	DRY	
Driller	RH&JD	Logger	L. Corral	Checked by	C. Marin	NA	
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Time After Drilling	NA	NA	
		Depth to Water	▽	NA	NA		
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG I55-RWB-23
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 563.52 ft
 North: 1753193.74 ft
 East: 1021602.77 ft
 Station: 1000+68.40
 Offset: 2.40 LT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
562.5	12-inch thick CONCRETE --PAVEMENT--														
	Medium dense, brown and gray SANDY GRAVEL; damp --FILL--	1		1	9 6 8	NP	4								
560.5	Stiff to very stiff, gray SILTY CLAY LOAM to SILTY LOAM, trace to little gravel; moist --RDR 2--	2		2	7 4 5	1.50 P	14								
	--L ₁ (%)=24, P _L (%)=14-- --%Gravel=8.3-- --%Sand=15.4-- --%Silt=55.8-- --%Clay=20.6-- --A-6 (6)--	3		3	5 6 8	3.28 B	13								
		4		4	4 5 13	2.05 B	14								
553.0	Very dense, gray GRAVEL; dry to wet --Weathered BEDROCK-- --RDR 3--	5		5	19 39 50/4"	NP	1								
549.5	Very weak, light bluish gray, very poor quality rock mass quality, highly weathered DOLOSTONE, thick clay infill. --Weathered BEDROCK-- --RUN 1: 14.0 feet to 16.5 feet-- --Recovery: 88%-- --RQD: 0%--	6		6	50/2"	NP	8								
547.0	Medium strong, light gray, poor quality, DOLOSTONE; very closely spaced, moderately weathered, horizontal, oblique, and vertical joints, with <0.05 inch opening, slicken to slightly	15		1											
545.5		20		2											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-06-2024	Complete Drilling	02-06-2024	While Drilling	▽	13.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	13.50 ft	
Driller	RH&JD	Logger	L. Corral	Checked by	C. Marin	NA	
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Time After Drilling	NA	NA	
		Depth to Water	▽	NA	NA		
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw/1180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1001-Ramp_AA_Retaining_Wall/Initial/099W1001-62R26-X16-Soil Boring (16 of 17).dgn

WANGENGINC 2553901.GPJ WANGENG.GDT 2/22/24

WANGENGINC 2553901.GPJ WANGENG.GDT 2/22/24



USER NAME = eoskoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 0.2" = 1' / in.	CHECKED - CRS	REVISED -
PLOT DATE = 8/12/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (16 OF 17)
 STRUCTURE NO. 099-W001

SHEET SA-31 OF SA-32 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	411
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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BORING LOG I55-RWB-24
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 565.83 ft
 North: 1753264.36 ft
 East: 1021603.81 ft
 Station: 1001+39.03
 Offset: 2.90 LT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
565.81	1-inch thick ASPHALT												
564.8	11-inch thick CONCRETE --PAVEMENT--												
562.8	Very dense, black and gray SANDY GRAVEL; damp --FILL--		1	59/2	NP	5							
	Medium stiff to very stiff, brown and gray SILTY CLAY LOAM to SILTY LOAM, trace to little gravel and possible cobbles; moist --RDR 2--		2	8 7 10	3.44 B	14							
			3	10 11 14	NR								
			4	6 8 9	0.90 B	15							
554.6	Very dense, gray GRAVEL; moist --Weathered BEDROCK-- --RDR 3--		5	10 21	1.50 P	14							
551.8	--AUGER REFUSAL-- Boring terminated at 14.00 ft		6	59/2	NP	2							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-05-2024	Complete Drilling	02-05-2024	While Drilling	groundwater not encountered		
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	groundwater not recorded		
Driller	RH&JD	Logger	L. Corral	Checked by	C. Marin		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Time After Drilling	NA		
				Depth to Water	NA		
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

MODEL: Default
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 WANGENG\GDT_272724



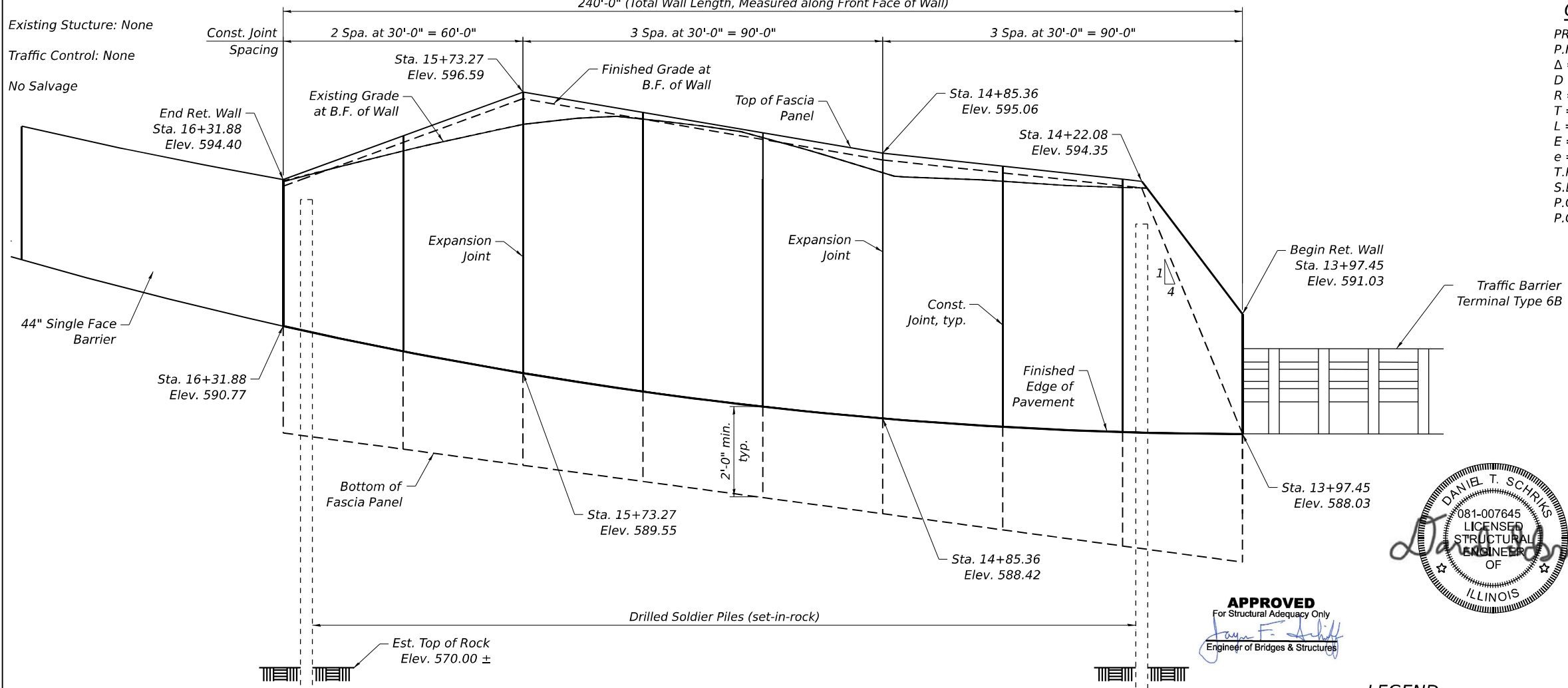
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PLOT SCALE = 0.2" = 1' / in.	CHECKED - CRS	REVISED -
PLOT DATE = 8/12/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (17 OF 17)
 STRUCTURE NO. 099-W001

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	412
CONTRACT NO. 62R26				
SHEET SA-32 OF SA-32 SHEETS				
ILLINOIS FED. AID PROJECT				

Benchmark: Set 2" CWA aluminium disc in concrete base of light pole on north side of westbound I-80, approximately 250' east of mile marker 126 & 950 west of I-55 centerline. Elev. 609.80

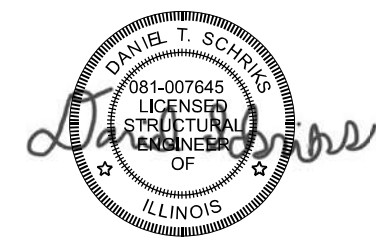


CURVE DATA
 PR. RAMP AA
 P.I. Sta. = 17+40.58
 $\Delta = 71^\circ 25' 34''$ (LT)
 $D = 06^\circ 11' 39''$
 $R = 925.00'$
 $T = 665.00'$
 $L = 1153.12'$
 $E = 214.23'$
 $e = \text{VARIES}$
 $T.R. = \text{N/A}$
 $S.E. \text{ Run} = \text{N/A}$
 $P.C. \text{ Sta.} = 10+75.58$
 $P.C.C. \text{ Sta.} = 22+28.70$

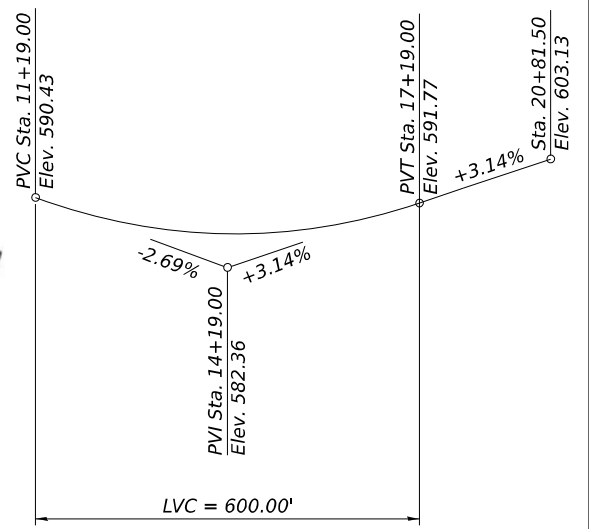
DESIGN SPECIFICATIONS
 2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS
 $f'_c = 3,500 \text{ psi}$
 $f_y = 60,000 \text{ psi}$ (Reinforcement)
 $f_y = 50,000 \text{ psi}$ (M270 Grade 50)



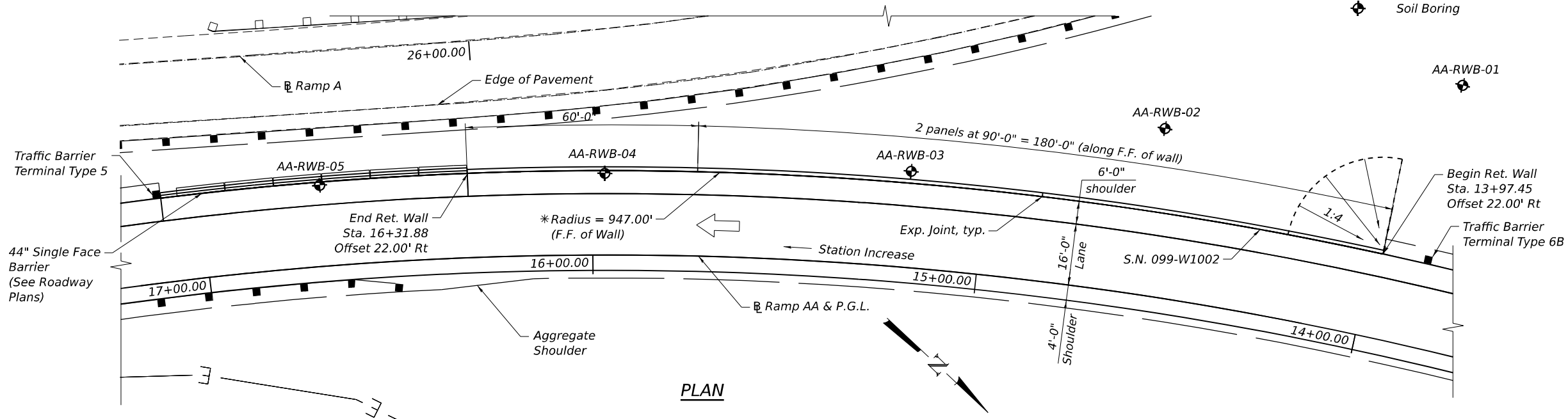
APPROVED
 For Structural Adequacy Only
James F. Jelliff
 Engineer of Bridges & Structures



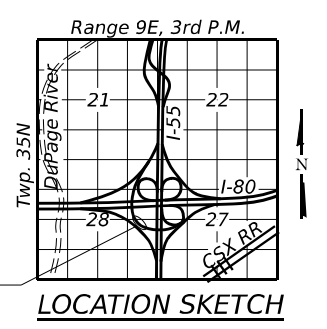
ELEVATION
 (Looking at Front Face of Wall)

LEGEND
 - - - Existing Electrical Line
 ⬮ Soil Boring

PROFILE GRADE
 Along RAMP AA



PLAN



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
I-55 RAMP AA RETAINING WALL
F.A.I. ROUTE 55
SECTION FAI 80 21 STRUCTURE 5
WILL COUNTY
STA. 13+97.45 TO 16+31.88
STRUCTURE NO. 099-W1002

NOTE:
 Offsets and stations are measured from FF of wall to RAMP AA.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 099-W1002
 SHEET SC-01 OF SC-09 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	413

CONTRACT NO. 62R26
 ILLINOIS FED. AID PROJECT



USER NAME = pkhanna	DESIGNED - SHK	REVISD -
PLOT SCALE = 32,0000' / in.	CHECKED - JZ	REVISD -
PLOT DATE = 6/25/2024	DRAWN - SHK	REVISD -
	CHECKED - JZ	REVISD -

GENERAL NOTES:

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Protective Coat shall be applied to exposed surfaces of the new wall.
3. Wall to be built along straight chords between any two adjacent construction joints and/or expansion joints.
4. It shall be the Contractor's responsibility to verify locations of all utilities in the field prior to construction activities and to ensure that construction activities do not have detrimental effects on adjacent utilities and other facilities. Any damage to existing utilities and/or facilities caused by the Contractor in the performance of his or her work shall be repaired by the Contractor, to the satisfaction of the Engineer, at no cost to the Department.
5. The Contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.
6. A layer of weathered bedrock is present at the project site as indicated in the Soil Boring Logs. The Contractor shall provide a method to ensure the soldier piles achieve at least the plan tip elevations.

INDEX OF SHEETS

- SC-01 General Plan and Elevation
- SC-02 General Notes, Index of Sheets & Total BOM
- SC-03 WB Plan And Elevation
- SC-04 Wall Cross Section and Details (1 of 2)
- SC-05 Wall Cross Section and Details (2 of 2)
- SC-06 HP Pile Details
- SC-07 Boring Logs (1 of 3)
- SC-08 Boring Logs (2 of 3)
- SC-09 Boring Logs (3 of 3)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	375.0
Concrete Structures	Cu. Yd.	78.8
Protective Coat	Sq. Yd.	258
Stud Shear Connectors	Each	408
Reinforcement Bars, Epoxy Coated	Pound	10,060
Name Plates	Each	1
Furnishing Soldier Piles (HP Section)	Foot	768
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	3769.0
Drilling and Setting Soldier Piles (In Rock)	Cu. Ft.	424.1
Untreated Timber Lagging	Sq. Ft.	1624
Geocomposite Wall Drain	Sq. Yd.	180
Concrete Headwalls for Pipe Drains	Each	1
Pipe Underdrains for Structures, 4"	Foot	240

SUGGESTED SEQUENCE OF CONSTRUCTION

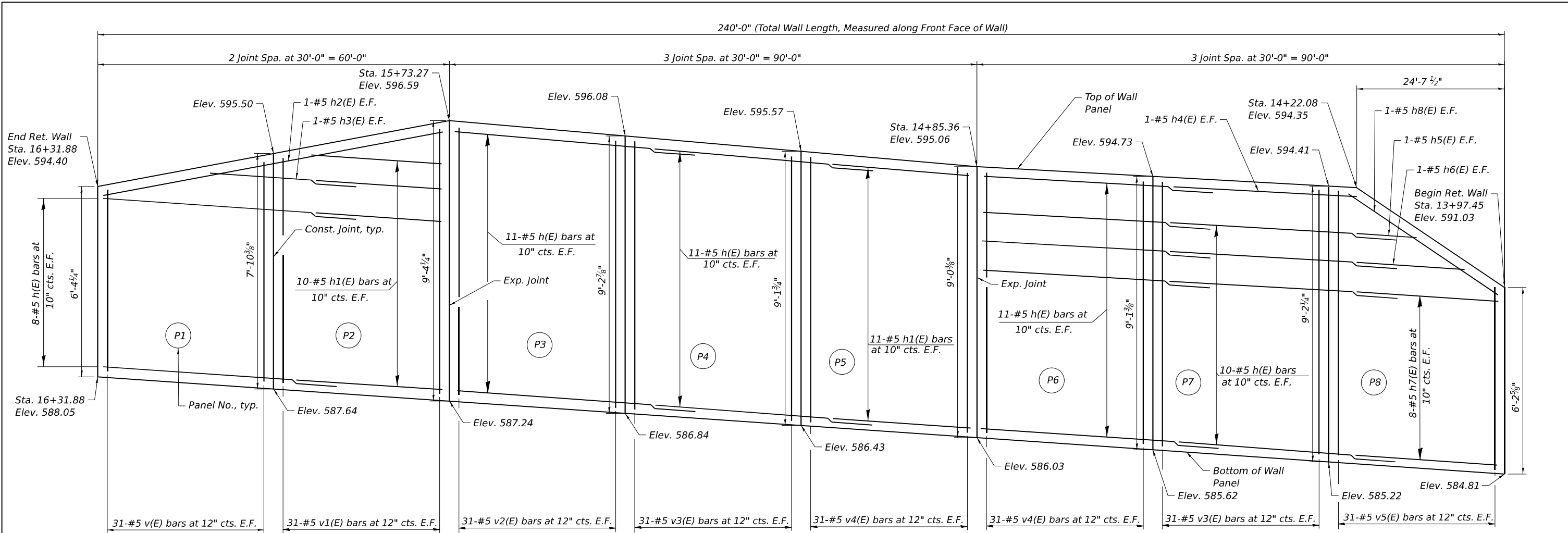
1. Drill shaft excavations for Soldier Piles to specified bottom elevations maintaining required tolerances and hole stability
2. Remove loose material and excess water from excavated shafts. Place Soldier Piles in holes and properly locate and brace
3. Place Class DS Concrete in the holes to the level of the base of the proposed Concrete Facing, then place Controlled Low Strength Material (C.L.S.M) to the existing ground surface.
4. After all concrete has attained the requires design strength, excavate the soild in front og the wall to proposed grade with simultaneous removal of C.L.S.M. at the face of the Soldier Piles and place lagging as specified.
5. Construct wall drainage features at the base of the wall.
6. Place shear studs on Soldier Piles and construct Concrete Facing.
7. Complete final grading at the base and top of the wall.

STATION 13+97.45 RT TO STATION 16+31.88
 BUILT 20-- BY
 STATE OF ILLINOIS
 F.A.I. RTE. I-55 SEC. FAI 80 21 STRUCTURE 5
 LOADING HL-93
 STRUCTURE NO. 099-W1002

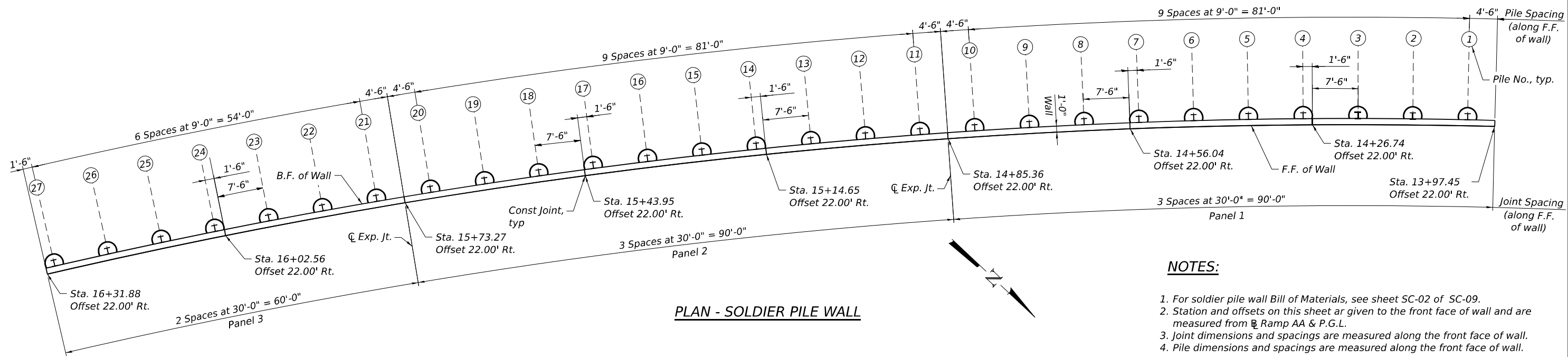
NAME PLATE
 See Std. 515001

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ELEVATION - SOLDIER PILE WALL
 (Looking at Front Face of Wall)

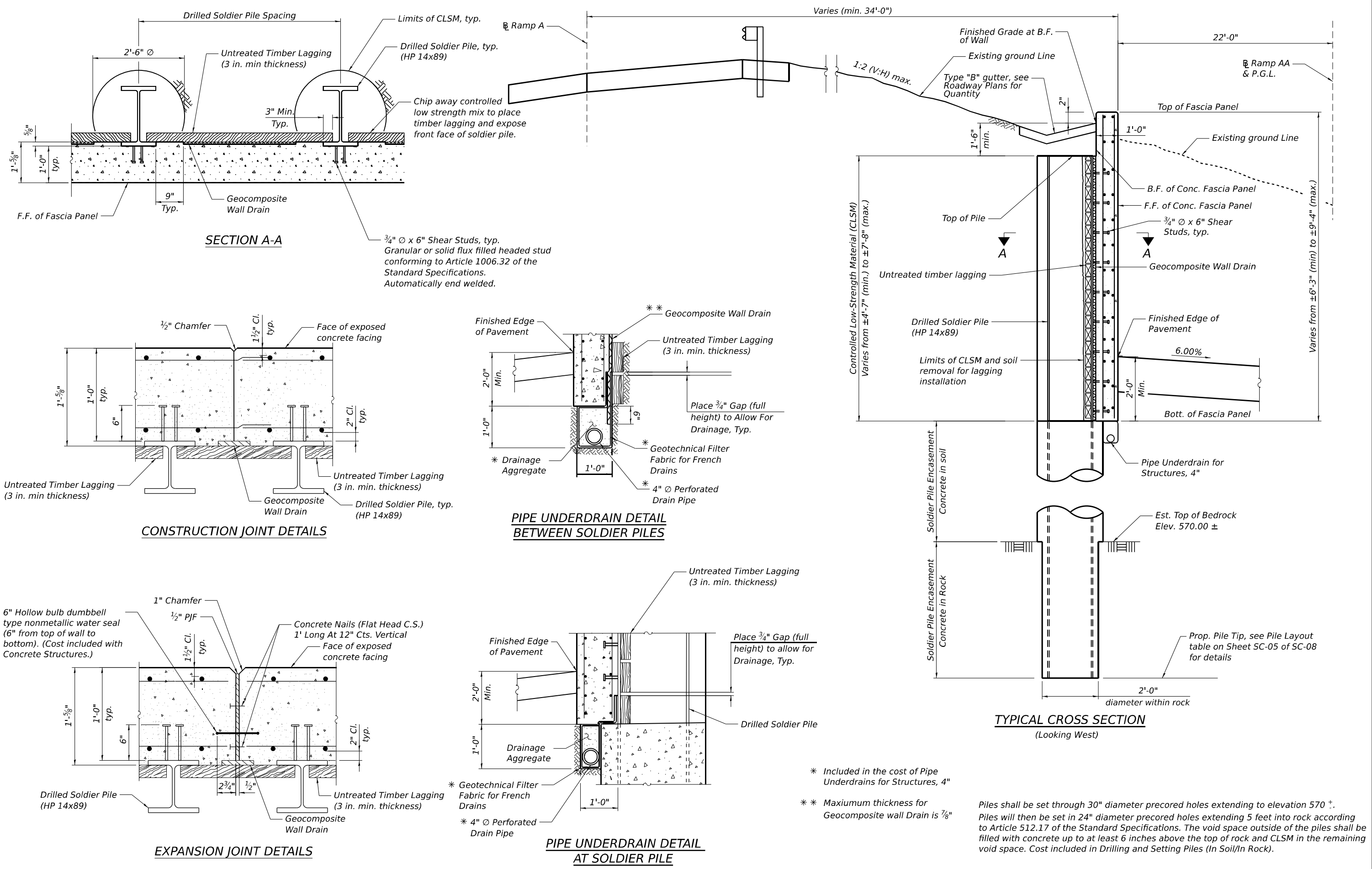


PLAN - SOLDIER PILE WALL

- NOTES:**
- For soldier pile wall Bill of Materials, see sheet SC-02 of SC-09.
 - Station and offsets on this sheet are given to the front face of wall and are measured from Ramp AA & P.G.L.
 - Joint dimensions and spacings are measured along the front face of wall.
 - Pile dimensions and spacings are measured along the front face of wall.

	USER NAME = pkhanna	DESIGNED - PK	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WB PLAN AND ELEVATION STRUCTURE NO. 099-W1002	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 8.3333' / in.	CHECKED - JZ	REVISD -			55	FAI 80 21 STRUCTURE 5	WILL	525	415
	PLOT DATE = 6/25/2024	DRAWN - PK	REVISD -	SHEET SC-03 OF SC-09 SHEETS			CONTRACT NO. 62R26			
		CHECKED - JZ	REVISD -				ILLINOIS FED. AID PROJECT			

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PLOT SCALE = 15.0000" / in.	CHECKED - JZ	REVISED -
PLOT DATE = 8/16/2024	DRAWN - EAO	REVISED -
	CHECKED - JZ	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WALL CROSS SECTION AND DETAILS (1 OF 2)
 STRUCTURE NO. 099-W1002

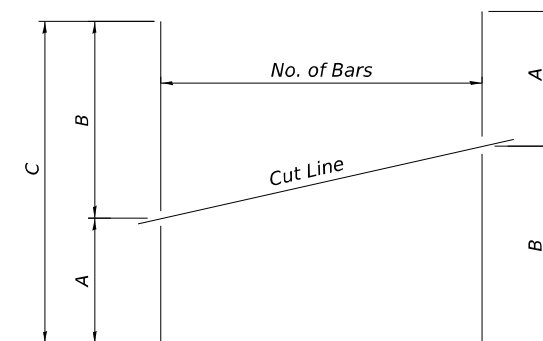
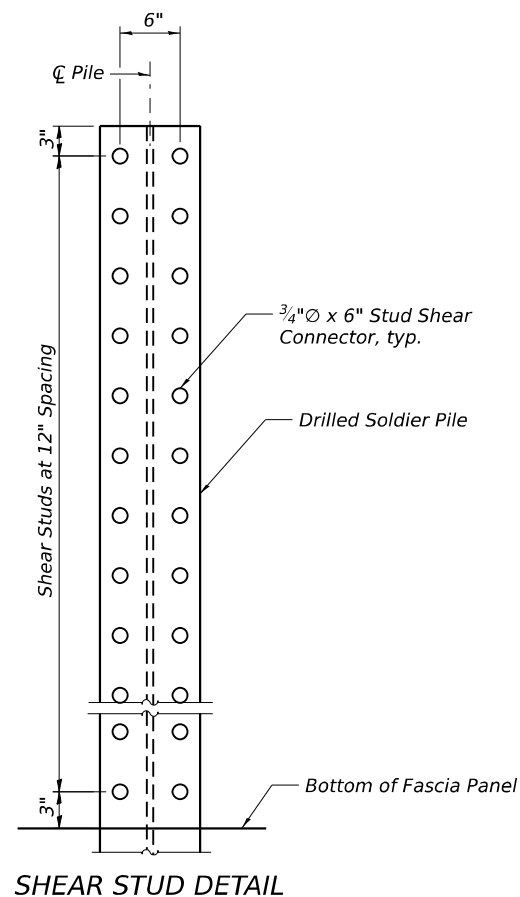
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	416
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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PILE LAYOUT

Pile	Station	Offset	Top of Pile Elevation	Top of Encasement	Section	Pile Tip Elevation	Pile Length	No. of studs
1	14+01.85	23.58' Rt	589.95	584.88	HP 14x89	565.00	24.95	12
2	14+10.64	23.58' Rt	591.14	584.99	HP 14x89	565.00	26.14	14
3	14+19.43	23.58' Rt	592.33	585.12	HP 14x89	565.00	27.33	16
4	14+28.22	23.58' Rt	592.76	585.24	HP 14x89	565.00	27.76	16
5	14+37.01	23.58' Rt	592.85	585.36	HP 14x89	565.00	27.85	16
6	14+45.80	23.58' Rt	592.95	585.48	HP 14x89	565.00	27.95	16
7	14+54.59	23.58' Rt	593.05	585.60	HP 14x89	565.00	28.05	16
8	14+63.38	23.58' Rt	593.15	585.72	HP 14x89	565.00	28.15	16
9	14+72.18	23.58' Rt	593.25	585.84	HP 14x89	565.00	28.25	16
10	14+80.97	23.58' Rt	593.34	585.97	HP 14x89	565.00	28.34	16
11	14+89.76	23.58' Rt	593.47	586.09	HP 14x89	565.00	28.47	16
12	14+98.55	23.58' Rt	593.62	586.21	HP 14x89	565.00	28.62	16
13	15+07.34	23.58' Rt	593.78	586.33	HP 14x89	565.00	28.78	16
14	15+16.13	23.58' Rt	593.93	586.45	HP 14x89	565.00	28.93	16
15	15+24.92	23.58' Rt	594.08	586.57	HP 14x89	565.00	29.08	16
16	15+33.71	23.58' Rt	594.23	586.69	HP 14x89	565.00	29.23	16
17	15+42.50	23.58' Rt	594.39	586.82	HP 14x89	565.00	29.39	16
18	15+51.29	23.58' Rt	594.54	586.94	HP 14x89	565.00	29.54	16
19	15+60.08	23.58' Rt	594.69	587.06	HP 14x89	565.00	29.69	16
20	15+68.88	23.58' Rt	594.85	587.18	HP 14x89	565.00	29.85	16
21	15+77.66	23.58' Rt	594.76	587.30	HP 14x89	565.00	29.76	16
22	15+86.46	23.58' Rt	594.43	587.42	HP 14x89	565.00	29.43	16
23	15+95.25	23.58' Rt	594.10	587.54	HP 14x89	565.00	29.10	14
24	16+04.04	23.58' Rt	593.77	587.67	HP 14x89	565.00	28.77	14
25	16+12.83	23.58' Rt	593.44	587.79	HP 14x89	565.00	28.44	12
26	16+21.62	23.58' Rt	593.11	587.91	HP 14x89	565.00	28.11	12
27	16+30.41	23.58' Rt	592.79	588.03	HP 14x89	565.00	27.79	10

Minimum Bar Lap	
Bar	Lap
#5	3'-7"

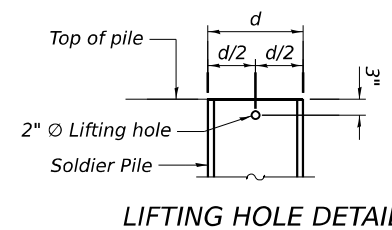
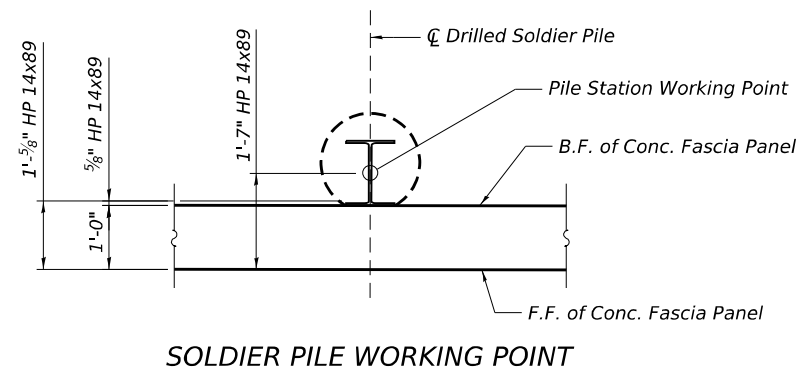


SERIES OF BAR CUTTING DIAGRAM

See table for dimensions. Make all cuts normal to bar axis

BAR TABLE SCHEDULE

Bar	No. of Sets Req'd	Bar No.	No. of Bars Per Set	A	B	C
v(E)	1	#5	31	5'-11"	7'-6"	13'-5"
v1(E)	1	#5	31	7'-6"	8'-11"	16'-5"
v2(E)	1	#5	31	8'-11"	8'-10"	17'-9"
v3(E)	2	#5	31	8'-10"	8'-9"	17'-7"
v4(E)	2	#5	31	8'-9"	8'-7"	17'-4"
v5(E)	1	#5	31	8'-11"	5'-8"	14'-7"



NOTE:

Pile Stations and Offsets are measured to the center of pile and along Ramp AA & P.G.L.

WALL BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	102	#5	34'-5"	=====
h1(E)	42	#5	29'-6"	=====
h2(E)	2	#5	59'-8"	=====
h3(E)	2	#5	25'-1"	=====
h4(E)	2	#5	34'-4"	=====
h5(E)	2	#5	10'-9"	=====
h6(E)	2	#5	17'-2"	=====
h7(E)	16	#5	28'-4"	=====
h8(E)	2	#5	25'-1"	=====
v(E)	31	#5	13'-5"	=====
v1(E)	31	#5	16'-5"	=====
v2(E)	31	#5	17'-9"	=====
v3(E)	62	#5	17'-7"	=====
v4(E)	62	#5	17'-4"	=====
v5(E)	31	#5	14'-7"	=====
Structure Excavation		Cu. Yd.	375	
Concrete Structures		Cu. Yd.	78.8	
Protective Coat		Sq. Yd.	258	
Stud Shear Connectors		Each	408	
Reinforcement Bars, Epoxy Coated		Pound	10,060	
Furnishing Soldier Piles (HP 14x89)		Foot	768	
Drilling and Setting Soldier Piles (In Soil)		Cu. Ft.	3769	
Drilling and Setting Soldier Piles (In Rock)		Cu. Ft.	424.1	
Untreated Timber Lagging		Sq. Ft.	1624	
Geocomposite Wall Drain		Sq. Yd.	180	
Pipe Underdrain for Structures 4"		Foot	240	



USER NAME = pkhanna	DESIGNED - EAO	REVISED -
PLOT SCALE = 15.0000' / in.	CHECKED - JZ	REVISED -
PLOT DATE = 6/25/2024	DRAWN - EAO	REVISED -
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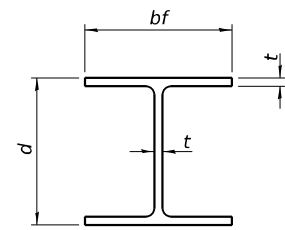
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WALL CROSS SECTION AND DETAILS (2 OF 2)
STRUCTURE NO. 099-W1002**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	417
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

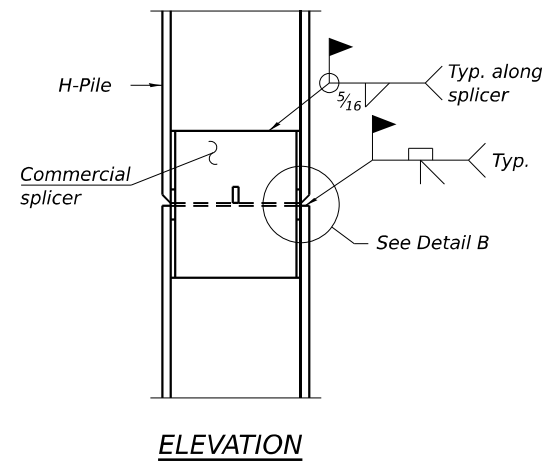
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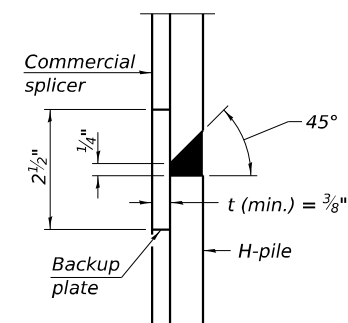


STEEL PILE TABLE

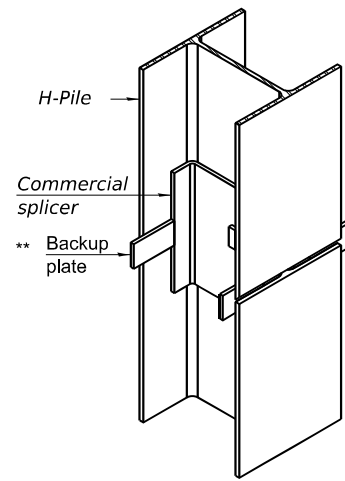
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 3/4"	1 1/16"	24"
x74	12 1/8"	12 3/4"	5/8"	24"
x63	12"	12 3/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



ELEVATION

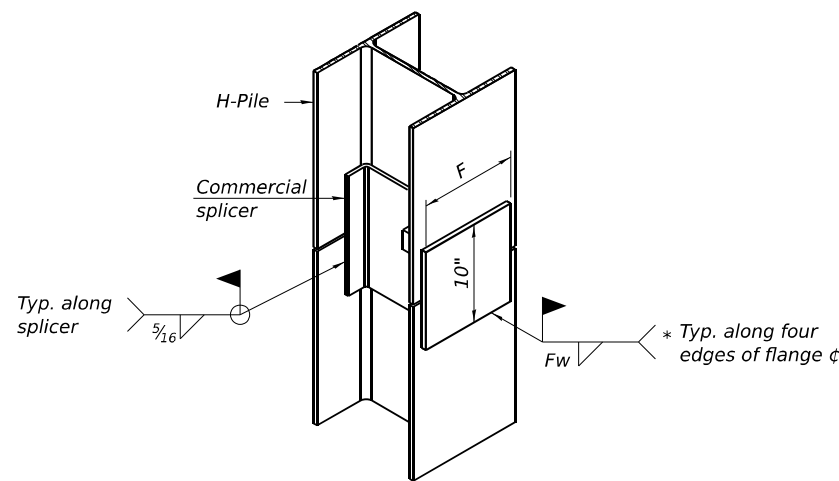


DETAIL "B"



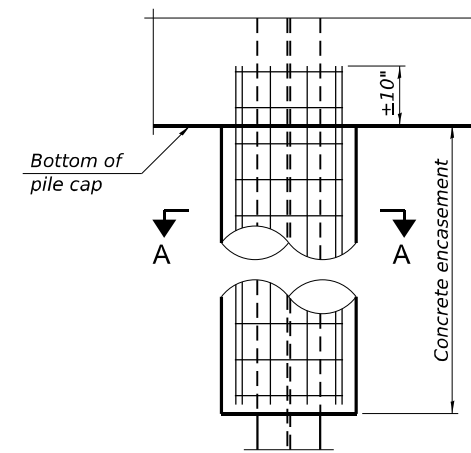
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE

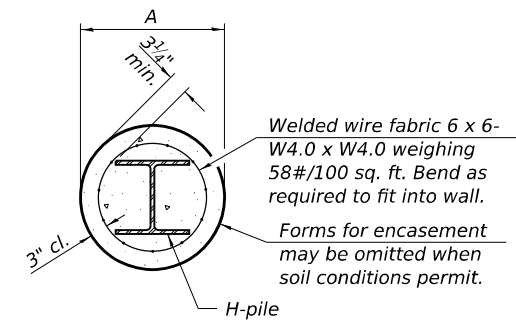


WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

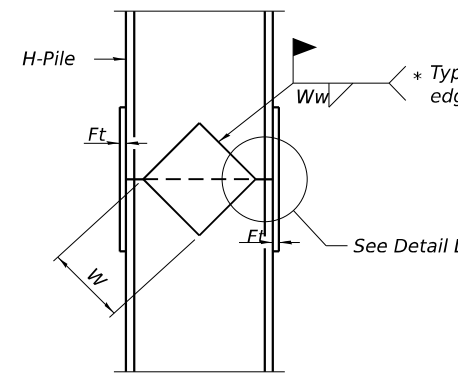


ELEVATION

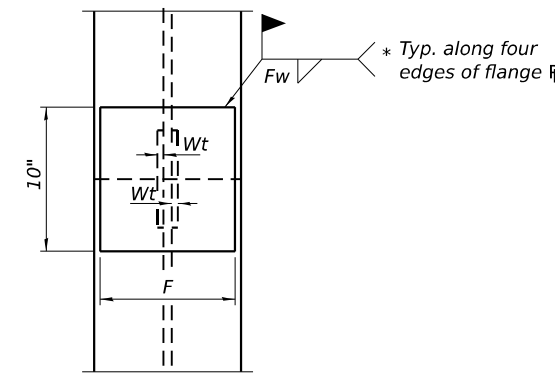


SECTION A-A

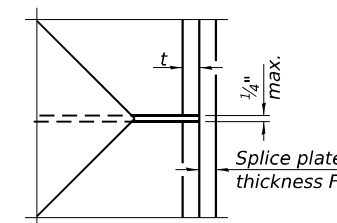
INDIVIDUAL PILE CONCRETE ENCASEMENT
(when specified)



ELEVATION



END VIEW



DETAIL C

WELDED PLATE FIELD SPLICE

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12 1/2"	1 1/4"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	1"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	7/8"	1 1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	3/4"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	1"	1 1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x63	10"	3/4"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	3/4"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	7/8"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	6 3/4"	5/8"	7/16"	4"	1/2"	3/8"

Note:
 The steel H-piles shall be according to AASHTO M270 Grade 50.

F-HP

10-27-2023



USER NAME = eoskoul	DESIGNED - SHK	REvised -
PLOT SCALE = 0.2" = 1' / in.	CHECKED - JZ	REvised -
PLOT DATE = 6/4/2024	DRAWN - SHK	REvised -
	CHECKED - JZ	REvised -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HP PILE DETAILS
 STRUCTURE NO. 099-W1002

SHEET SC-06 OF SC-09 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	418
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

Wang Engineering
 wangeng@wangeng.com
 1145 N Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
 Fax: 630 053-9938

BORING LOG AA-RWB-03
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 595.89 ft
 North: 1755044.19 ft
 East: 1020751.41 ft
 Station: 14+87.58
 Offset: 25.09 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
595.1	9-inch thick, brown SILTY CLAY; damp --TOPSOIL-- Very stiff to hard, brown SILTY CLAY, trace gravel; damp --FILL-- --RDR 2--	0-4	1	4	3.36	21	575.4	Very dense, gray LOAM to CLAY LOAM, little gravel; moist --dolostone chips--	0-9	9	21	NP	10
581.9	Medium dense to dense, brown and gray Gravelly LOAM to SANDY LOAM; damp --FILL-- --RDR 2-- --%Gravel=33.8-- --%Sand=30.4-- --%Silt=28.6-- --%Clay=7.3--	5-15	2	27	4.50	15	572.4	Strong, light gray, very poor rock quality, DOLOSTONE; closely spaced, highly weathered, horizontal, oblique and vertical joints, with <0.2 inch opening, rough walls, and <0.2 inch thick clay infill. -- Run 1: 23.5 to 33.5 feet-- --Recovery = 95%-- --RQD = 19%--	10-25	10	27	4.50	15
587.9	Hard, brown and gray SILTY CLAY, trace gravel; damp --RDR 2--	15-20	3	26	NP	7		Boring terminated at 33.50 ft	25-35				
500.4	Stiff to very stiff, orange, brown, and gray SILTY LOAM to SILTY CLAY LOAM, trace to some gravel; moist to saturated --RDR 2-3--	20-40	4	4	9.84	19			35-40	11	8	2.00	16
			5	7	8.77	20				12	15	1.15	17

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-21-2022	Complete Drilling	12-21-2022	While Drilling	▽	16.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	21D120A[78%]	At Completion of Drilling	▽	15.00 ft	
Driller	NC&DZ	Logger	B. Miller	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	▽	NA			
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG AA-RWB-04
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 595.05 ft
 North: 1754978.59 ft
 East: 1020796.84 ft
 Station: 15+65.35
 Offset: 21.28 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
594.1	12-inch thick dark brown SILTY CLAY --Buried TOPSOIL-- Very stiff to hard, brown SILTY CLAY LOAM to CLAY LOAM, trace gravel; damp --FILL-- --RDR 2--	0-5	1	4	4.50	19	574.6	--gray-- Hard, light gray Gravelly SILTY LOAM to CLAY LOAM, few dolostone fragments; moist --RDR 2-3--	0-9	9	14	4.50	9
587.1	Hard, brown and gray to gray SILTY CLAY LOAM, trace gravel; damp --RDR 2--	5-10	2	7	4.02	20	570.1	--AUGER REFUSAL-- Boring terminated at 25.00 ft	10-25	10	30	4.50	13
			3	4	3.77	24							
			4	6	4.92	18							
			5	9	5.66	20							
			6	6	8.94	20							
			7	8	1.80	13							
			8	5	4.18	14							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-19-2022	Complete Drilling	12-08-2022	While Drilling	▽	24.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	21D120A[78%]	At Completion of Drilling	▽	13.00 ft	
Driller	NC&DZ	Logger	B. Miller	Time After Drilling	24 hours		
Checked by	C. Marin	Depth to Water	▽	13.00 ft			
Drilling Method	2.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw.bentley.com/Projects/2018/CH401/401180022/01-Structures/099W1002-Ramp_AA_Retaining_Wall/Initial/099W1002-62R26-XX2-Soil Boring (2 of 4).dgn
 WANGENG\GDT_101623



USER NAME = eoskoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 0.2" = 1' / in.	CHECKED - CRS	REVISED -
PLOT DATE = 6/4/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (2 OF 3)
 STRUCTURE NO. 099-W002
 SHEET SC-08 OF SC-09 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	420
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				



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Lombard, IL 60148
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BORING LOG AA-RWB-05

Page 1 of 1

WEI Job No.: 255-39-01

Client: **Stantec**
Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
Location: **Will County, Illinois**

Datum: NAVD 88
Elevation: 593.42 ft
North: 1754918.56 ft
East: 1020841.00 ft
Station: 16+38.03
Offset: 21.14 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
592.8	8-inch thick, brown SILTY CLAY, trace gravel; damp --TOPSOIL-- Hard, brown SILTY CLAY, trace gravel; damp --FILL-- --RDR 2--	0-12	1	5 7 12	7.54 B	19	570.4	Strong, light gray, very poor rock quality, DOLOSTONE; closely spaced, highly weathered, horizontal, oblique and vertical joints, with <0.05 inch opening, rough walls, and <0.05 inch thick clay infill. -- Run 1: 23.0 to 33.0 feet-- --Recovery = 97%-- --RQD = 16%--	0-12	9	50/3*	1.50 P	16
587.9	Medium stiff to very stiff, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel; damp to moist --RDR 2--	12-25	2	4 7 10	6.72 B	21	25		25	10	R 1		
582.9	Brown SILT to SILTY LOAM; saturated	25-30	3	6 8 8	3.00 P	23	30						
581.9	Very stiff to hard, brown and gray SILTY CLAY, trace gravel; damp --RDR 2--	30-35	4	3 3 5	0.98 B	20	35						
575.4	Stiff to very stiff, gray Gravelly CLAY LOAM; moist --RDR 2-- --dolostone chips--	35-40	5	3 5 7	3.69 B	18	40						
			6	7 8 12	6.15 B	20							
			7	4 7 10	5.25 B	20							
			8	4 7 32	2.38 B	12							

WANGENG\GDT_101623
WANGENG\GDT_101623
WANGENG\GDT_101623

GENERAL NOTES

Begin Drilling: 12-21-2022
Complete Drilling: 12-21-2022
Drilling Contractor: Wang Testing Services
Drill Rig: 21D120A[78%]
Driller: NC&DZ
Logger: B. Miller
Checked by: C. Marin
Drilling Method: 3.25" ID HSA; boring backfilled upon completion

WATER LEVEL DATA

While Drilling: 11.50 ft
At Completion of Drilling: 11.00 ft
Time After Drilling: NA
Depth to Water: NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

MODEL: Default
FILE NAME: pw://transystems-pw.bentley.com/transystems/Projects_2018/CH401/401180022/01-Stantec/CAD/INT-02_62R26/04-Sheet/04-Structures/099W1002-62R26-XX3-Soil Boring (3 of 4).dgn



USER NAME = eoskoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 0.2" = 1' / in.	CHECKED - CRS	REVISED -
PLOT DATE = 6/4/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (3 OF 3)
STRUCTURE NO. 099-W002

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	421
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

SHEET SC-09 OF SC-09 SHEETS

Benchmark: Set 2" CWA aluminum disc in concrete base of light pole on north side of westbound I-80, approximately 250'± east of mile marker 126 & 950'± west of I-55 centerline. Elev. 609.80

Existing Structure: None

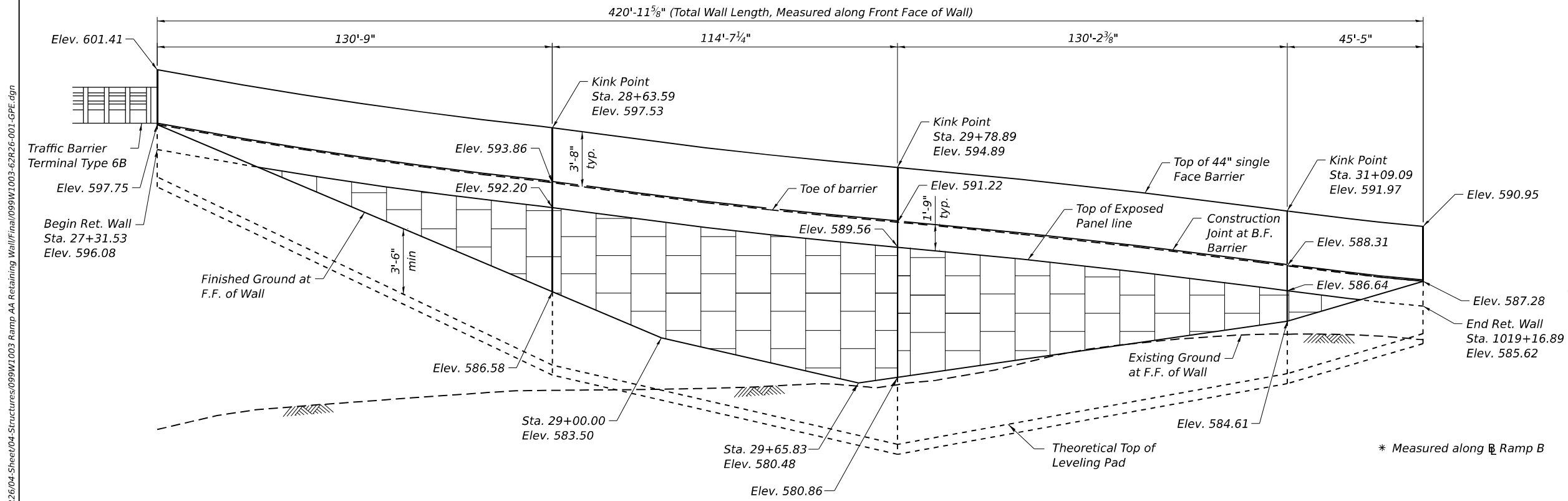
Traffic Control: None

No Salvage.

DESIGN SPECIFICATIONS
2020 AASHTO LRFD Bridge Design
Specifications, 9th Edition

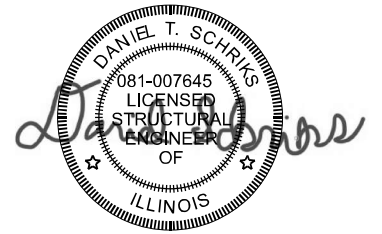
DESIGN STRESSES

FIELD UNITS
f_c = 3,500 psi
f_y = 60,000 psi (Reinforcement)



REFLECTED ELEVATION

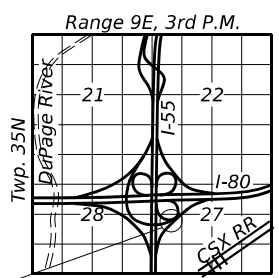
Looking at F.F. of Wall



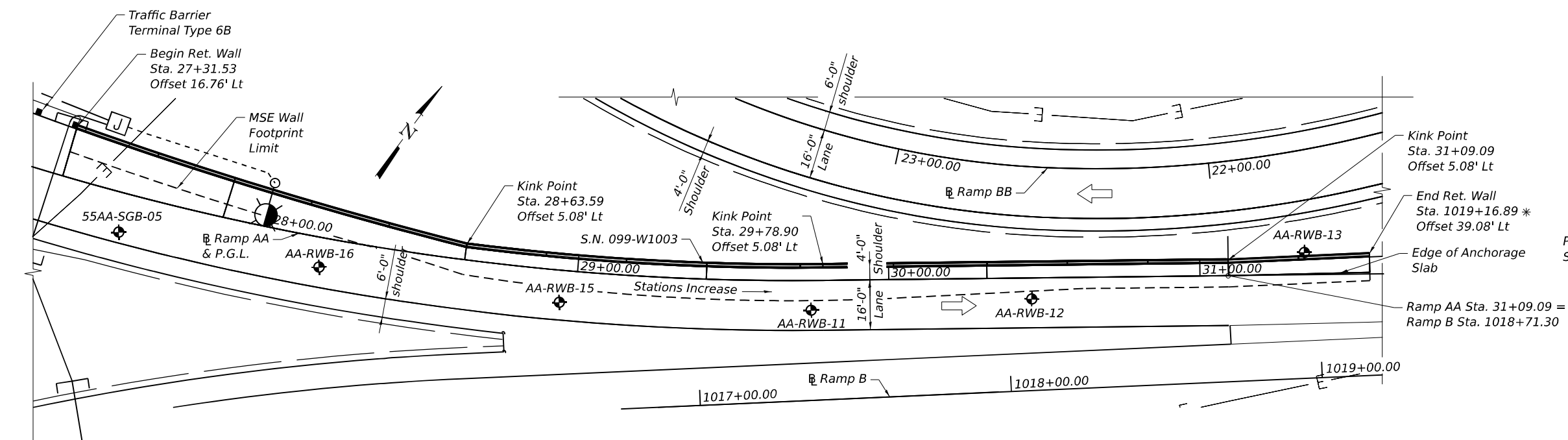
APPROVED
For Structural Adequacy Only
Jan F. Jolly
Engineer of Bridges & Structures

LEGEND

- Existing Electrical Line
- ⊕ Soil Boring



LOCATION SKETCH



PLAN

NOTE:

Offsets and stations are measured along F.F. of wall from Ramp AA.

GENERAL PLAN AND ELEVATION
I-55 RAMP AA RETAINING WALL
F.A.I. ROUTE 55
SECTION FAI 80 21 STRUCTURE 5
WILL COUNTY
STA. 27+31.53 TO 1019+16.89
STRUCTURE NO. 099-W1003

MODEL: Default
FILE NAME: p:\transystems-pw\hosted\Documents\Projects_2018\CH401\401180022\01-Structures\099W1003_Ramp_AA_Retaining_Wall\Final\099W1003-62R26-001-GPE.dgn



USER NAME = eoskoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 32.0000' 1 in.	CHECKED - JZ	REVISED -
PLOT DATE = 8/16/2024	DRAWN - LRG	REVISED -
	CHECKED - JZ	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. W1003

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	422
CONTRACT NO. 62R26				

SHEET 5D-01 OF 5D-08 SHEETS

ILLINOIS FED. AID PROJECT

GENERAL NOTES:

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Protective Coat shall be applied to all exposed surfaces of the top and inside faces of parapets.
3. It shall be the Contractor's responsibility to verify the location of all utilities in the field prior to construction activities and to ensure that construction activities do not have detrimental effects on adjacent utilities and other facilities. Any damage to existing utilities and/or facilities caused by the Contractor in the performance of his or her work shall be repaired by the Contractor, to the satisfaction of the Engineer, at no cost to the Department.
4. Slipforming of parapets is not allowed.

INDEX OF SHEETS

- SD-01 General Plan and Elevation
- SD-02 General Data (1 of 2)
- SD-03 General Data (2 of 2)
- SD-04 anchorage slab and Elevation
- SD-05 anchorage slab Details and BOM
- SD-06 Soil Borings (1 of 3)
- SD-07 Soil Borings (2 of 3)
- SD-08 Soil Borings (3 of 3)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu Yd	325.0
Concrete Superstructures	Cu Yd	172.6
Protective Coat	Sq Yd	738
Reinforcement Bars, Epoxy Coated	Pound	38,950
Name Plates	Each	1
Mechanically Stabilized Earth Retaining Wall	Sq Ft	3,970

CURVE DATA

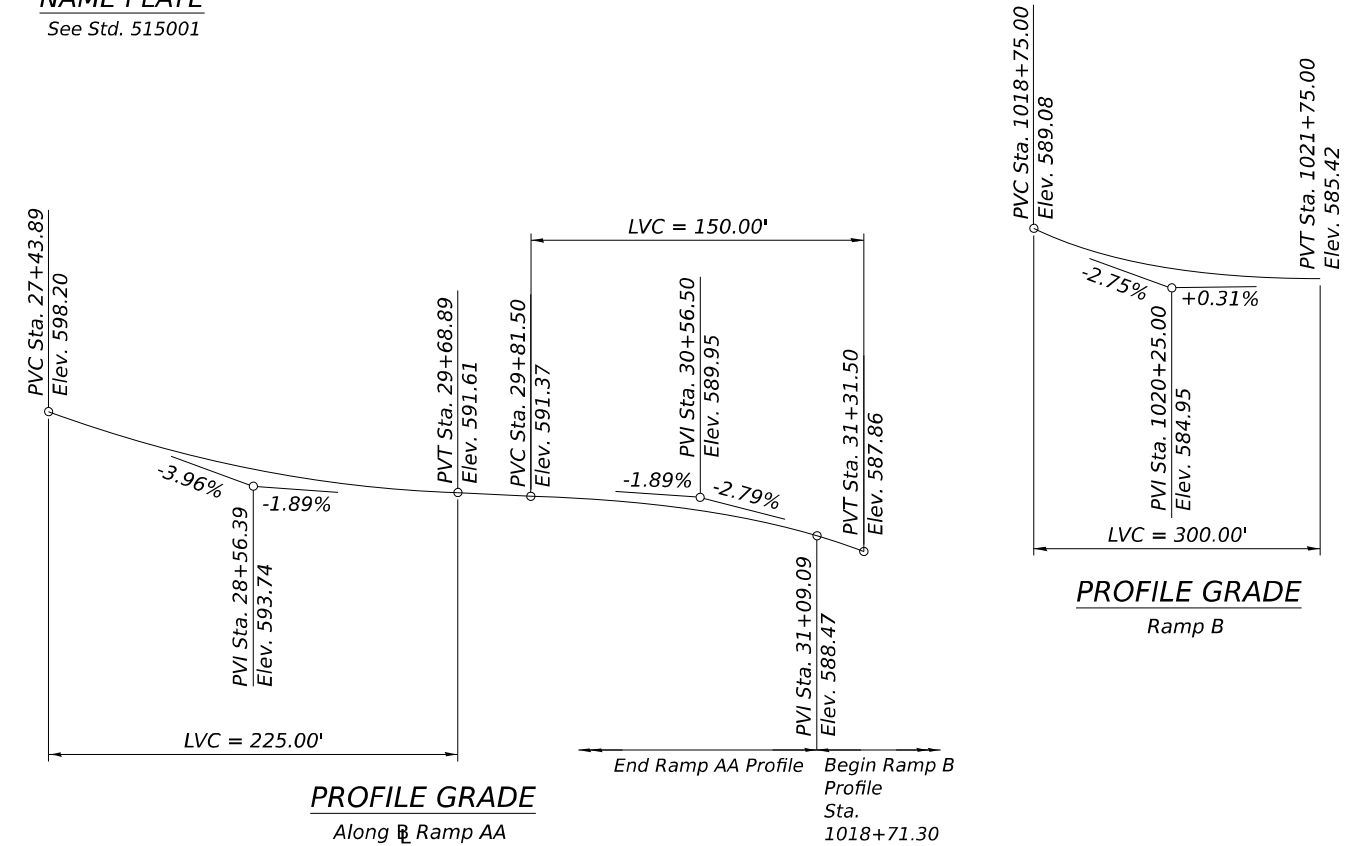
PR BL_RAMP AA	PR BL_RAMP B
P.I. Sta. = 26+31.25	P.I. Sta. = 1012+69.33
$\Delta = 51^\circ 28' 35''$	$\Delta = 51^\circ 51' 28''$
$D = 06^\circ 51' 42''$	$D = 06^\circ 46' 50''$
$R = 835.00'$	$R = 845.00'$
$T = 402.54'$	$T = 410.84'$
$L = 750.19'$	$L = 764.80'$
$E = 91.97'$	$E = 94.58'$
$e = 6.00\%$	$e = 6.00\%$
$T.R. = 64'$	$T.R. = N/A$
$S.E. Run = 192'$	$S.E. Run = 96'$
$P.C.C. Sta. = 22+28.70$	$P.C. Sta. = 1008+58.49$
$P.T. Sta. = 29+78.90$	$P.T. Sta. = 1016+23.29$

STATION 27+31.53 TO STATION 1019+16.89
 BUILT 20-- BY
 STATE OF ILLINOIS
 F.A.I. RTE. I-55 SEC. FAI 80 21 STRUCTURE 5
 LOADING HL-93
 STRUCTURE NO. 099-W1003

SUGGESTED SEQUENCE OF CONSTRUCTION

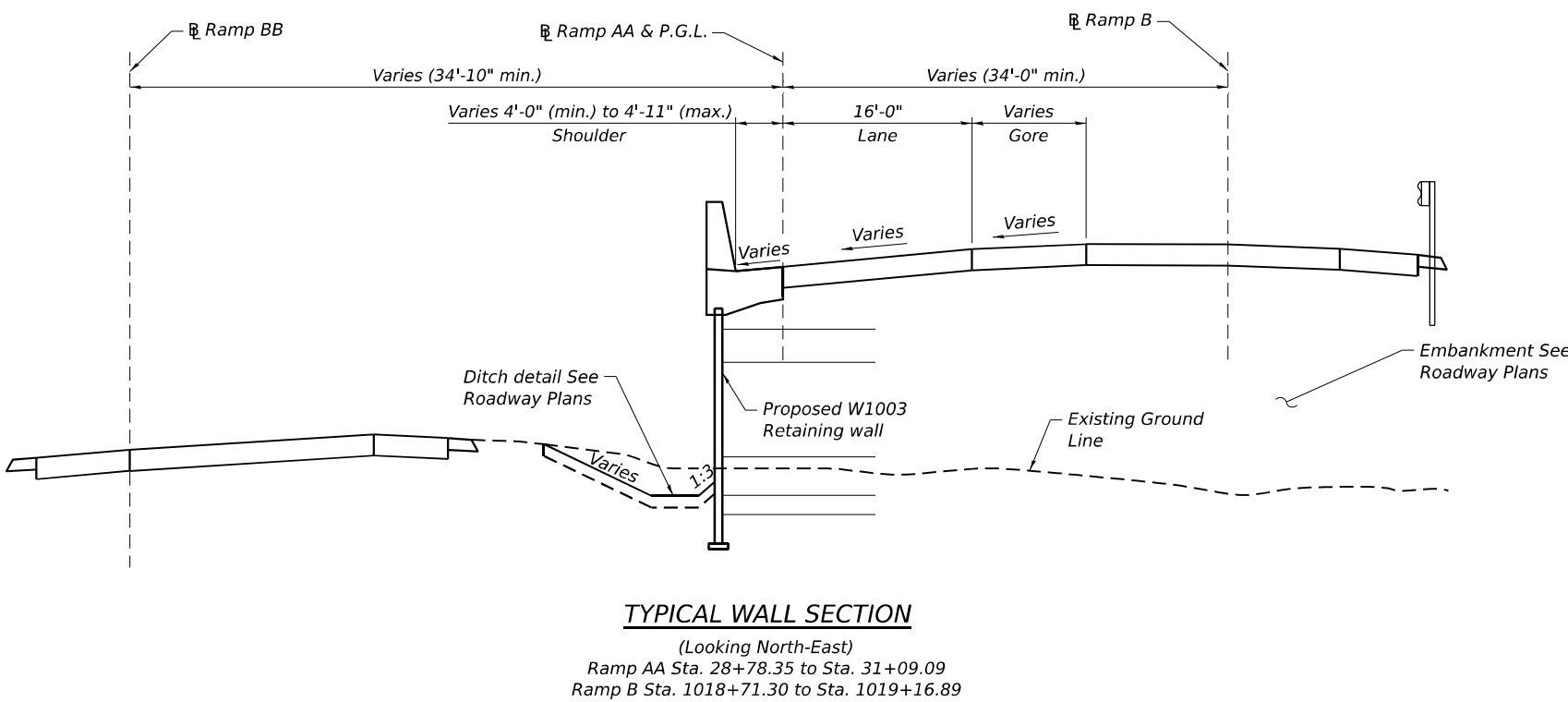
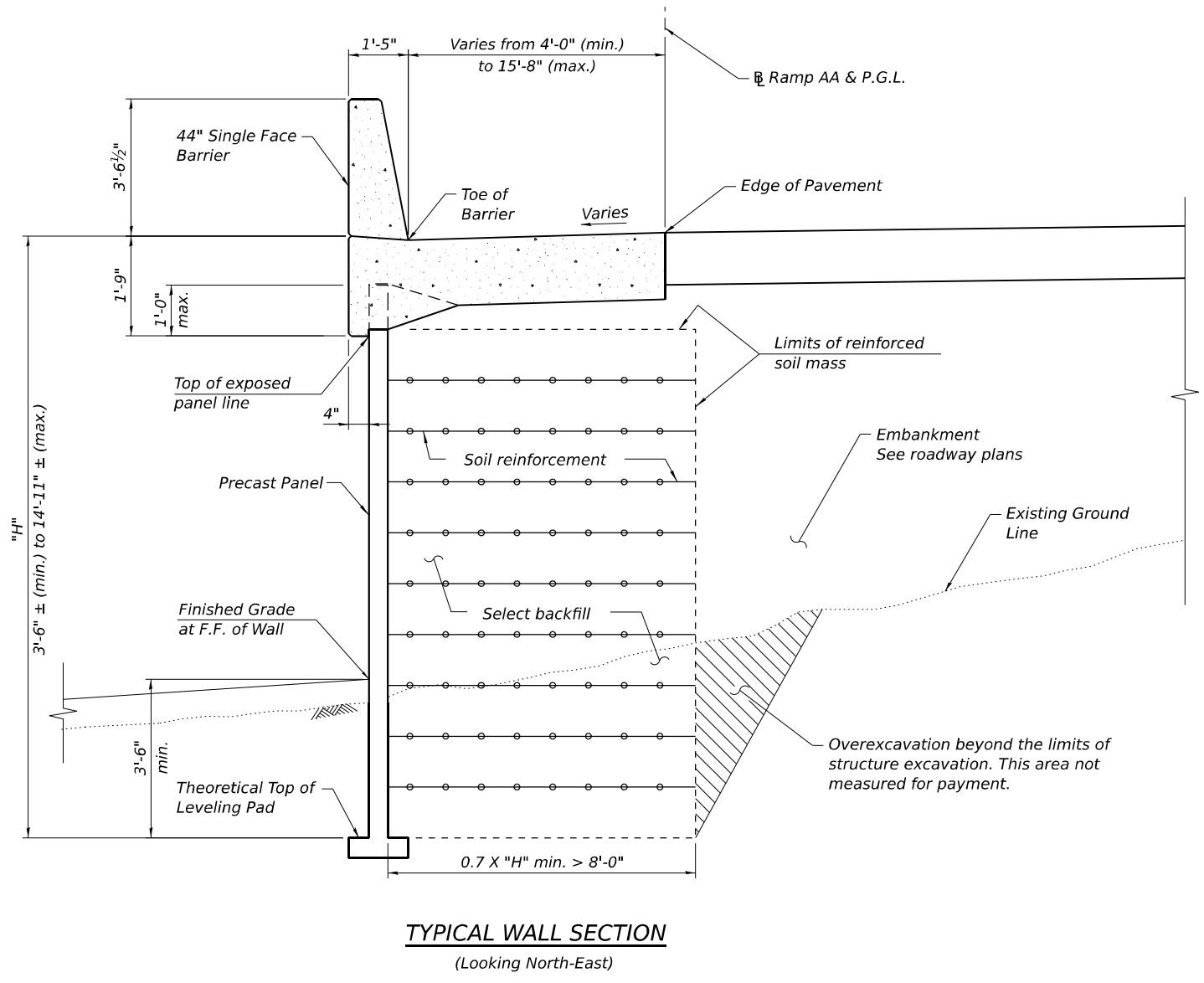
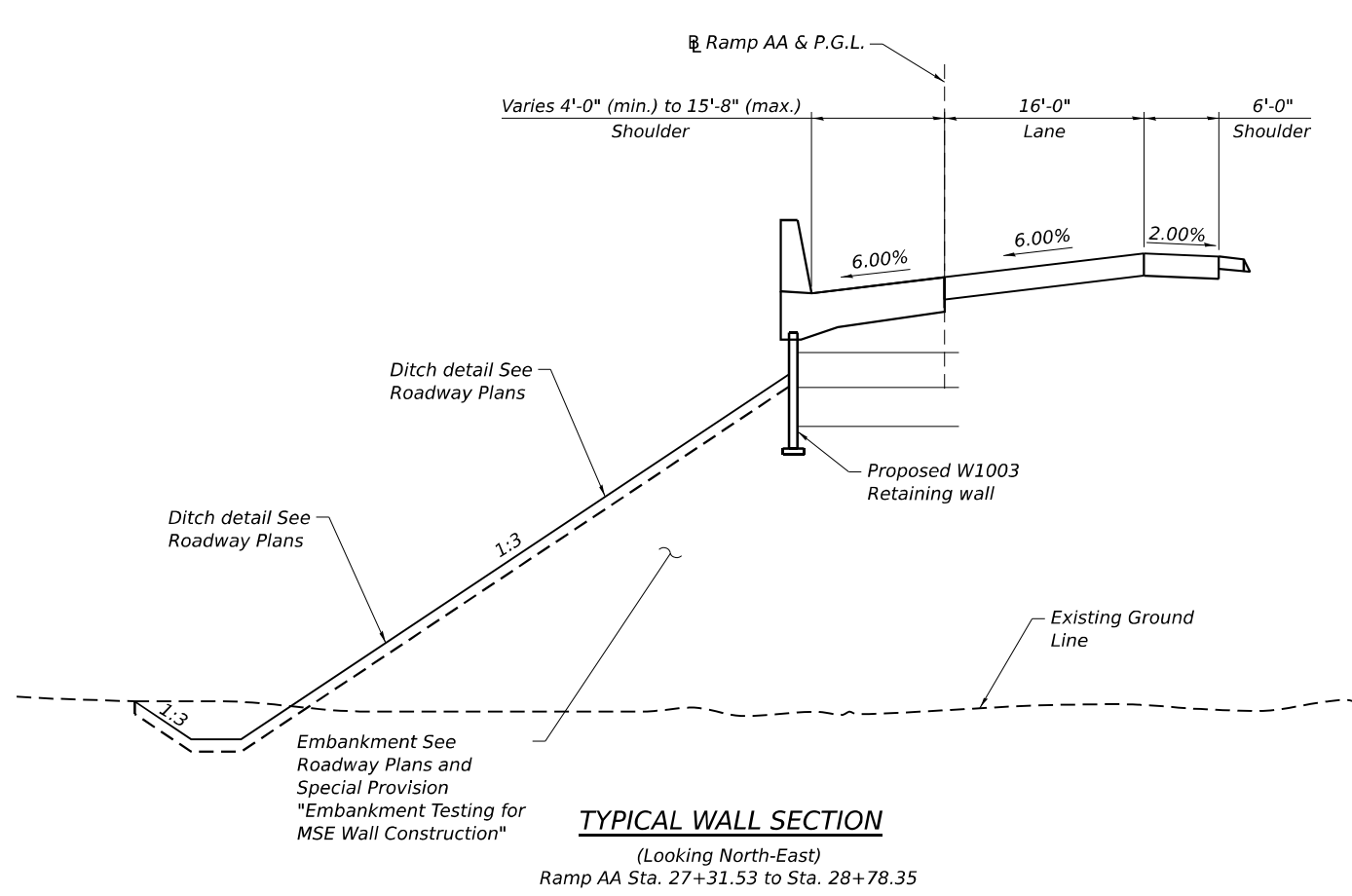
1. Place embankment to bottom of proposed leveling pad and test per special provision "Embankment Testing for MSE Wall"
2. Pour concrete leveling pad
3. Complete construction of MSE Walls and placement of backfill
4. Complete final grading at the base and top of the wall.

NAME PLATE
 See Std. 515001



MODEL: Default
 FILE NAME: p:\transystems-pw\benley.com\transyscorp-pw\l-hosted\Documents\Projects_2018\CH401\401180022\01-Structures\099W1003-Ramp-AA-Retaining-Wall\Final\099W1003-62R26-002-General-Notes.dgn

MODEL: Default
 FILE NAME: pw://transsystems-pw.bentley.com/transsystems-pw1-hosted/Documents/Projects_2018/CH401/401180022/01-Structures/099W1003-62R26-003 General Notes 2



NOTE:
 The MSE wall supplier's internal stability design shall account for the anchorage slab's bearing pressure surcharge of 1.0 ksf and horizontal sliding force of 0.5 kips/ft. of wall.



USER NAME = eoskoul	DESIGNED - EAO	REVISED -
PLOT SCALE = 80.0000' = 1 in.	CHECKED - JZ	REVISED -
PLOT DATE = 8/16/2024	DRAWN - EAO	REVISED -
	CHECKED - JZ	REVISED -

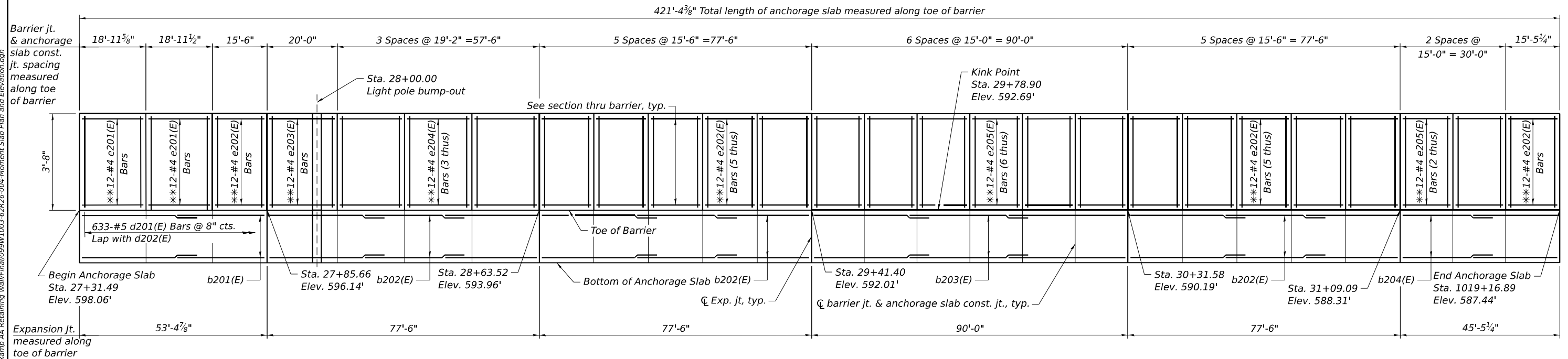
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL DATA (2 OF 2)
 STRUCTURE NO. 099-W1003

SHEET SD-03 OF SD-08 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	424
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

MODEL: Sheet Model
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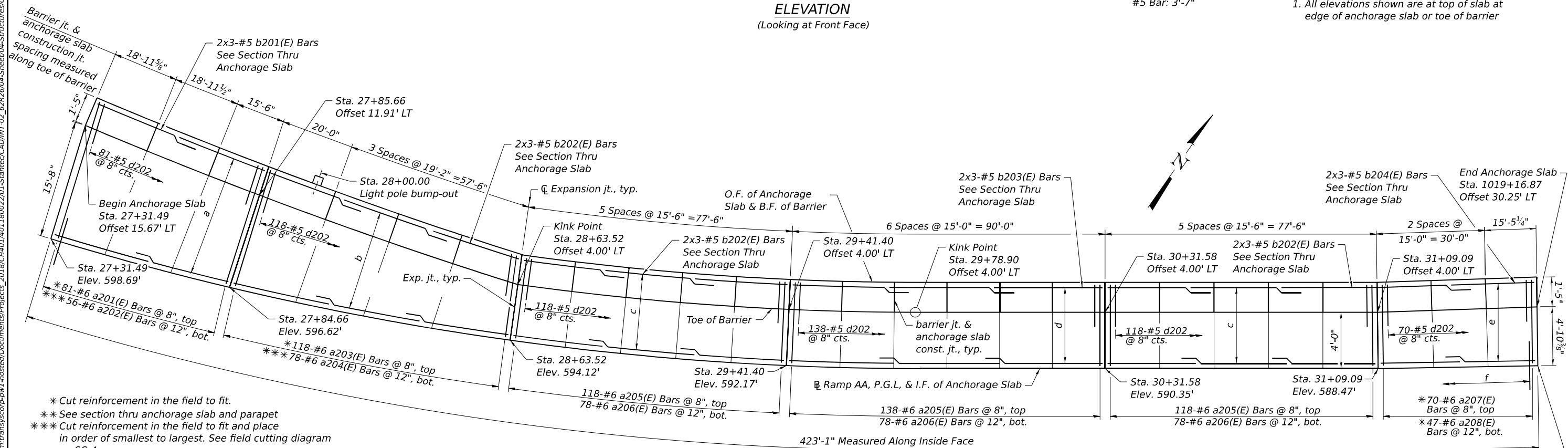


ELEVATION
(Looking at Front Face)

MINIMUM BAR LAP:
#5 Bar: 3'-7"

NOTES:

1. All elevations shown are at top of slab at edge of anchorage slab or toe of barrier



PLAN

- * Cut reinforcement in the field to fit.
- ** See section thru anchorage slab and parapet
- *** Cut reinforcement in the field to fit and place in order of smallest to largest. See field cutting diagram on SC-4.
- * a - 19x2-#5 b201(E) Bars @ 12" cts. top & bottom
- * b - 14x3-#5 b202(E) Bars @ 12" cts. top & bottom
- * c - 6x3-#5 b202(E) Bars @ 12" cts. top & bottom
- * d - 6x3-#5 b203(E) Bars @ 12" cts. top & bottom
- * e - 7x2-#5 b204(E) Bars @ 12" cts. top & bottom
- * f - 212-#6 d203(E) dowel bars @ 2'-0" See section thru anchorage slab



USER NAME = eoskoul	DESIGNED - LRG	REVISED -
CHECKED - JZ	REVISIONS -	
PLOT SCALE = 35.0016' / 1 in.	DRAWN - LRG	REVISED -
PLOT DATE = 8/16/2024	CHECKED - JZ	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ANCHORAGE SLAB PLAN AND ELEVATION
STRUCTURE NO. 099-W1003**

SHEET SD-04 OF SD-08 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	425
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

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BORING LOG 55AA-SGB-05
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 578.75 ft
 North: 1754627.70 ft
 East: 1021835.52 ft
 Station: 27+22.0
 Offset: 12.6 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
578.0	9-inch thick, very stiff, brown SILTY CLAY, trace gravel; damp --TOPSOIL--	0-4	1	5	3.50	28								
575.6	Very stiff, brown and gray SILTY LOAM to SILTY CLAY LOAM, trace gravel; damp --RDR 2-- --L _t (%)=34, P _L (%)=22-- --%Gravel=3.6-- --%Sand=21.8-- --%Silt=59.4-- --%Clay=15.2-- --A-6 (8)--	4-11	2	6	3.36	26								
573.6	Hard, orange, brown and gray SILTY CLAY LOAM, trace to some gravel; damp --RDR 2-3-- --AUGER REFUSAL-- Boring terminated at 5.20 ft	11-5.20	3	6	4.50	18								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-29-2022	Complete Drilling	12-29-2022	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	21D120A[78%]	At Completion of Drilling	▽	NA	
Driller	NC&DZ	Logger	B. Miller	Time After Drilling		24 hours	
Checked by	C. Marin	Drilling Method	3.25" ID HSA; boring backfilled upon completion	Depth to Water	▽	DRY (cave in 4 ft)	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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 Fax: 630 953 9938

BORING LOG AA-RWB-11
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 581.10 ft
 North: 1754732.37 ft
 East: 1022033.36 ft
 Station: 29+43.5
 Offset: 9.5 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
580.84	580.84-inch thick, brown SILTY CLAY, trace gravel; damp --TOPSOIL--	0-13	1	13	3.00	19								
576.5	Very stiff, brown and gray SILTY CLAY to SILTY CLAY LOAM, little gravel; damp --RDR 2-- --cobble blockage--	13-21	2	5	2.46	22								
574.1	Very dense, orange and light gray GRAVEL, few silt lenses; wet to saturated --RDR 2-3-- --Weathered BEDROCK--	21-50/5'	3	5	NP	15								
564.1	Strong, light gray, very poor rock quality, DOLOSTONE; very closely spaced, highly weathered, horizontal, oblique and vertical joints, with <0.05 inch opening, slightly rough walls, and <0.2 inch thick clay infill. -- Run 1: 7.0 to 17.0 feet-- --Recovery = 98%-- --RQD = 11%-- --Qu=8,138 psi--	50/5'-17.0	4											
Boring terminated at 17.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-29-2022	Complete Drilling	12-29-2022	While Drilling	▽	4.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	21D120A[78%]	At Completion of Drilling	▽	5.00 ft	
Driller	NC&DZ	Logger	B. Miller	Time After Drilling		NA	
Checked by	C. Marin	Drilling Method	3.25" ID HSA; boring backfilled upon completion	Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw/11/1723/Projects/2018/CH401/401180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1003-Ramp-AA-Retaining Wall/Initial/099W1003-62R26-XX1-Soil Boring (1 of 2).dgn

WANGENGINC_2553901.GPJ_WANGENG.GDT 11/17/23

WANGENGINC_2553901.GPJ_WANGENG.GDT 11/17/23



USER NAME = eoskoul	DESIGNED - LRG	REVISED -
PLOT SCALE = 15.0000' = 1 in.	CHECKED - CRS	REVISED -
PLOT DATE = 6/4/2024	DRAWN - LRG	REVISED -
	CHECKED - CRS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (1 OF 3)
 STRUCTURE NO. 099-W1003
 SHEET SD-06 OF SD-08 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	427
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

Wang Engineering
 wangeng@wangeng.com
 1145 N Main Street
 Lombard, IL, 60148
 Telephone: 630 953 9928
 Fax: 630 953 9938

BORING LOG AA-RWB-12
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 582.12 ft
 North: 1754775.33 ft
 East: 1022089.83 ft
 Station: 30+14.4
 Offset: 6.7 RT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No. recovery	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
581.75	1.75-inch thick, brown SILTY CLAY, trace gravel; damp --TOPSOIL--	0												
	Very stiff, brown, orange and gray SILTY CLAY, trace to little gravel; damp --RDR 2--	1	1	4	3.36	18								
		5		5	B									
		6		6										
		5	2	6	3.12	20								
		7		7	B									
		12		12										
576.6	Medium dense, gray and orange SILTY LOAM to LOAM, little gravel; moist to wet --RDR 2-3-- --L _c (%)=19, P _L (%)=15-- --%Gravel=16.2-- --%Sand=31.0-- --%Silt=45.5-- --%Clay=7.2--	10	3	5	NP	12								
		7		7										
		5		5										
572.8	Very dense, orangish brown Gravelly SILTY LOAM; wet --RDR 4--	10	4	21	3.00	14								
		50/5"		50/5"	P									
571.6	Very dense, orangish brown Gravelly SILTY LOAM; wet --RDR 4--	10												
	--AUGER REFUSAL-- Boring terminated at 10.50 ft													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-29-2022	Complete Drilling	12-29-2022	While Drilling	▽	6.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	21D120A[78%]	At Completion of Drilling	▽	NA	
Driller	NC&DZ	Logger	B. Miller	Checked by	C. Marin		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Time After Drilling	24 hours		
				Depth to Water	▽	6.00 ft	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG AA-RWB-13
 WEI Job No.: 255-39-01

Datum: NAVD 88
 Elevation: 582.97 ft
 North: 1754837.07 ft
 East: 1022153.73 ft
 Station: 31+02.1
 Offset: 7.2 LT

Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No. recovery	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
582.1	10-inch thick, brown SILTY CLAY, trace gravel; damp --TOPSOIL--	0												
	Hard, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel; damp --RDR 2--	1	1	5	5.33	18								
		10		10	B									
		10		10										
		5	2	8	8.53	16								
	--L _c (%)=37, P _L (%)=15-- --%Gravel=3.8-- --%Sand=12.0-- --%Silt=53.7-- --%Clay=30.5--	5		8	B									
		9		9										
		12		12										
577.5	Stiff to very stiff, brown and tan SILTY LOAM to SILTY CLAY LOAM, trace gravel; damp to wet --RDR 2-3--	10	3	5	2.00	13								
		7		7	P									
		22		22										
575.0	Very dense, brown Gravelly SILTY LOAM to LOAM; wet to saturated --RDR 4--	10	4	50/4"	1.00	20								
		50/4"		50/4"	P									
573.0	Strong, light gray, very poor rock quality, DOLOSTONE; very closely spaced, highly weathered, horizontal, oblique and vertical joints, with <0.05 inch opening, slightly rough walls, and <0.2 inch thick clay infill. -- Run 1: 10.0 to 20.0 feet-- --Recovery = 98%-- --RQD = 8%--	10												
		10												
		15												
		20												
563.0	Boring terminated at 20.00 ft	20												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-30-2022	Complete Drilling	12-30-2022	While Drilling	▽	6.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	21D120A[78%]	At Completion of Drilling	▽	6.00 ft	
Driller	NC&DZ	Logger	B. Miller	Checked by	C. Marin		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Time After Drilling	NA		
				Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw-hosted/Documents/Projects_2018/CH401/401180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1003-Ramp_AA_Retaining_Wall/Initial/099W1003-62R26-XX2-Soil Boring (2 of 2).dgn
 WANGENG\GNC_2553901.GPJ.WANGENG.GDT 11/17/23



USER NAME = eoskoul	DESIGNED - EAO	REVISED -
	CHECKED - JZ	REVISED -
PLOT SCALE = 15.0000' = 1 in.	DRAWN - EAO	REVISED -
PLOT DATE = 6/4/2024	CHECKED - JZ	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (2 OF 3)
 STRUCTURE NO. 099-W1002
 SHEET SD-07 OF SD-08 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FAI 80 21 STRUCTURE 5	WILL	525	428
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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BORING LOG AA-RWB-15
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 580.43 ft
 North: 1754688.85 ft
 East: 1021965.09 ft
 Station: 28+94.99
 Offset: 10.31 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT (blows/in RQD (%))	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT (blows/in RQD (%))	Qu (tsf)	Moisture Content (%)
579.6	10-inch thick, dark brown SILTY CLAY LOAM, trace organic matter --TOPSOIL--	0	1	1	5	3.61	17								
576.6	Very stiff, black, brown, and gray SILTY CLAY LOAM to CLAY LOAM, trace gravel; damp	6	2	2	7	B									
575.7	Very stiff, brown SILTY LOAM, trace gravel; damp	6	3	3	7	2.25	16								
574.9	Very dense, brown DOLOSTONE fragments; damp --RDR 3-- --AUGER REFUSAL-- Boring terminated at 5.50 ft	5.50	4	4	50/4"	P									

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-12-2024	Complete Drilling	02-12-2024	While Drilling	∇	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	21GeoA[96%]	At Completion of Drilling	∇	DRY	
Driller	WG&TC	Logger	F. Bozga	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	∇	NA			
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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 Fax: 630 953-9938

BORING LOG AA-RWB-16
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

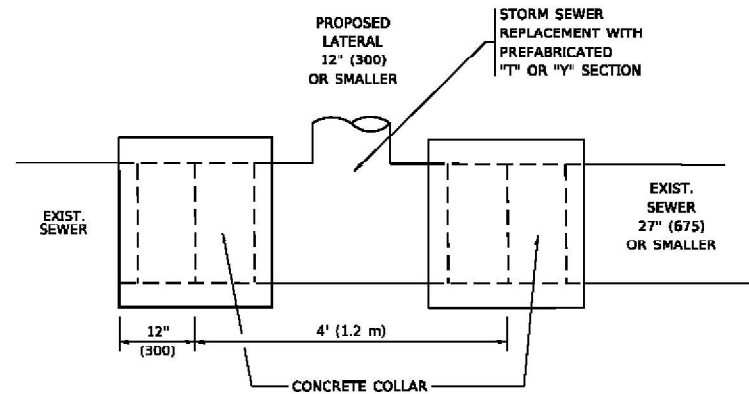
Datum: NAVD 88
 Elevation: 579.94 ft
 North: 1754654.67 ft
 East: 1021894.96 ft
 Station: 28+17.87
 Offset: 9.50 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT (blows/in RQD (%))	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT (blows/in RQD (%))	Qu (tsf)	Moisture Content (%)
578.6	16-inch thick black SILTY CLAY LOAM, trace organic matter --TOPSOIL--	0	1	1	6	NA	16								
574.9	Stiff, brown, black and gray SILTY CLAY LOAM, trace gravel; damp --L _c (%)=30, P _L (%)=18-- --%Gravel=6.5-- --%Sand=17.7-- --%Silt=60.5-- --%Clay=15.3-- --A-6 (7)-- --hard drilling, 5 to 6 feet--	11	2	2	3	1.00	29								
571.9	Very dense, brown DOLOSTONE fragments; damp --RDR 4 to 5--	5	3	3	50/3"	NP	2								
561.9	Strong, light gray, very poor rock mass quality, DOLOSTONE; very closely spaced, highly weathered, horizontal, oblique and vertical joints, with <0.05 inch opening, slightly rough walls, and <0.2 inch thick clay infill. -- Run 1: 8.0 to 18.0 feet-- --Recovery = 97%-- --RQD = 0%--	18.00	4	4		0%									

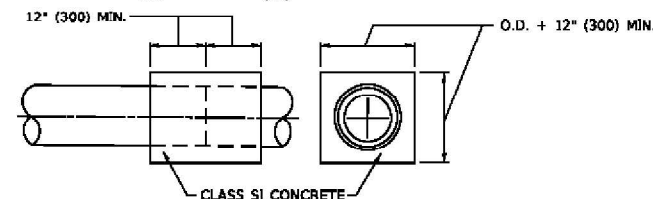
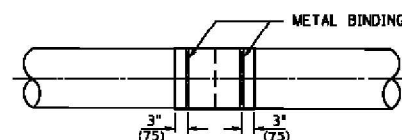
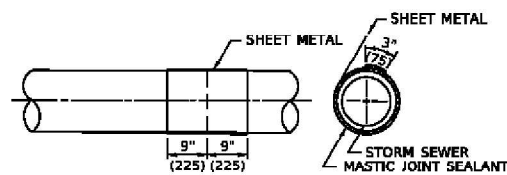
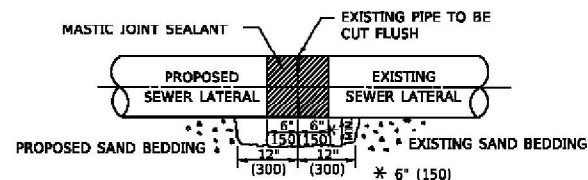
GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-12-2024	Complete Drilling	02-12-2024	While Drilling	∇	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	21GeoA[96%]	At Completion of Drilling	∇	7.50 ft	
Driller	WG&TC	Logger	F. Bozga	Time After Drilling	NA		
Checked by	C. Marin	Depth to Water	∇	NA			
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

MODEL: Default
 FILE NAME: pw://transystems-pw.bentley.com/transystems-pw/1180022/01-Stantec/CAD/INT-02_62R26/04-Structures/099W1003 Ramp_AA Retaining Wall/Initial/099W1003-62R26-XX2-Soil Boring (3 of 3)
 WANGENG\GDT_4/24



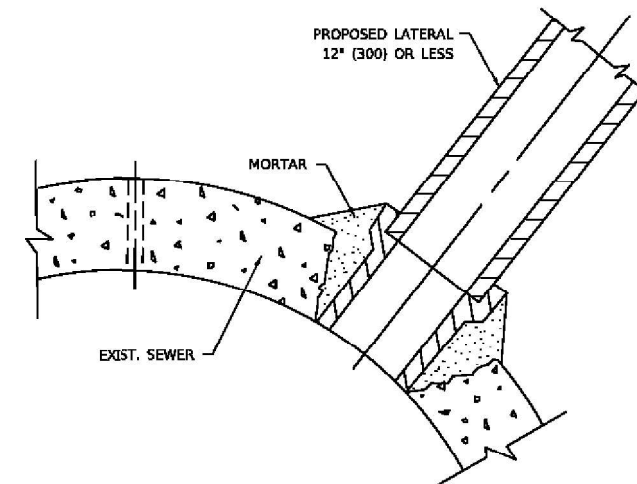
DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B"

CLASS SI CONCRETE COLLAR



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

1. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
2. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

NOTE: DRAWN BY: R. SHAH, FILE NUMBER: 2022-02-24-00007-001

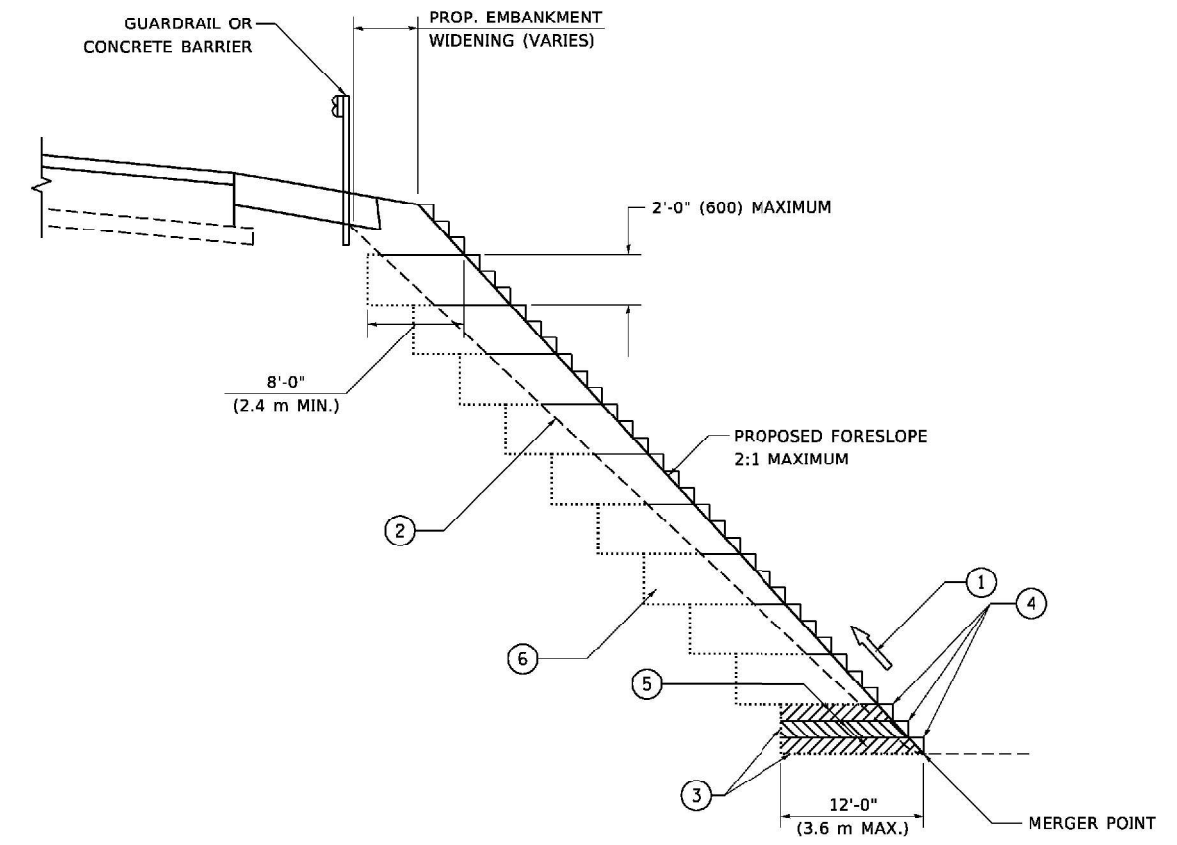
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	DRAWN - R. SHAH 10-25-94	REVISED - R. SHAH 06-12-96
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 02-01-22
PLOT DATE = 2/2/2022	DATE - 07-25-90	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	430
BD500-01 (BD-07)		CONTRACT NO. 62R26		
ILLINOIS FED. AID PROJECT				



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

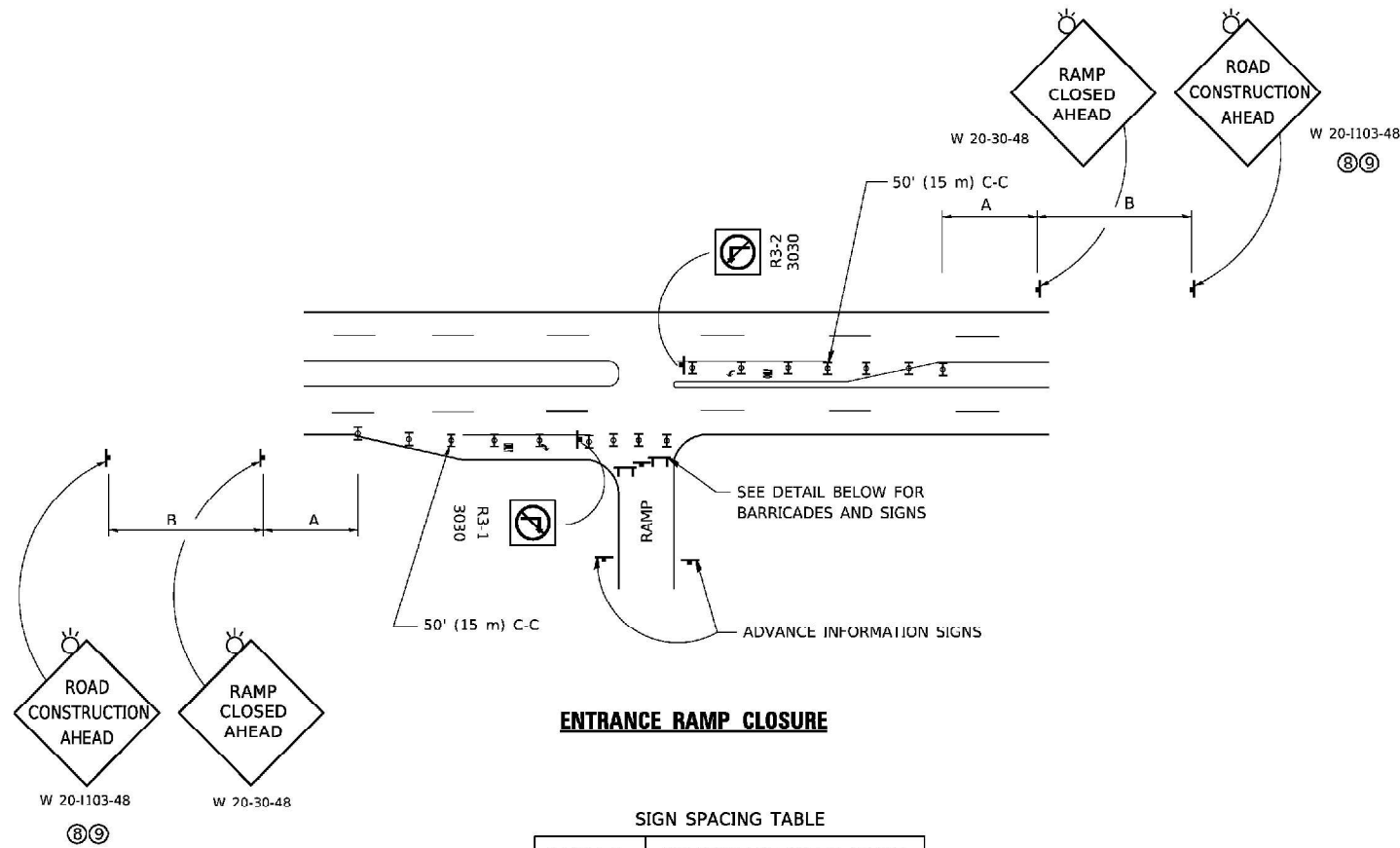
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 ILLINOIS STATE DEPARTMENT OF TRANSPORTATION

USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN - CADD	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - S.E.B.	REVISED -
PLOT DATE = 3/27/2019	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BENCHING DETAIL FOR EMBANKMENT WIDENING			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	432
BD-51			CONTRACT NO. 62R26	
ILLINOIS FED. AID PROJECT				

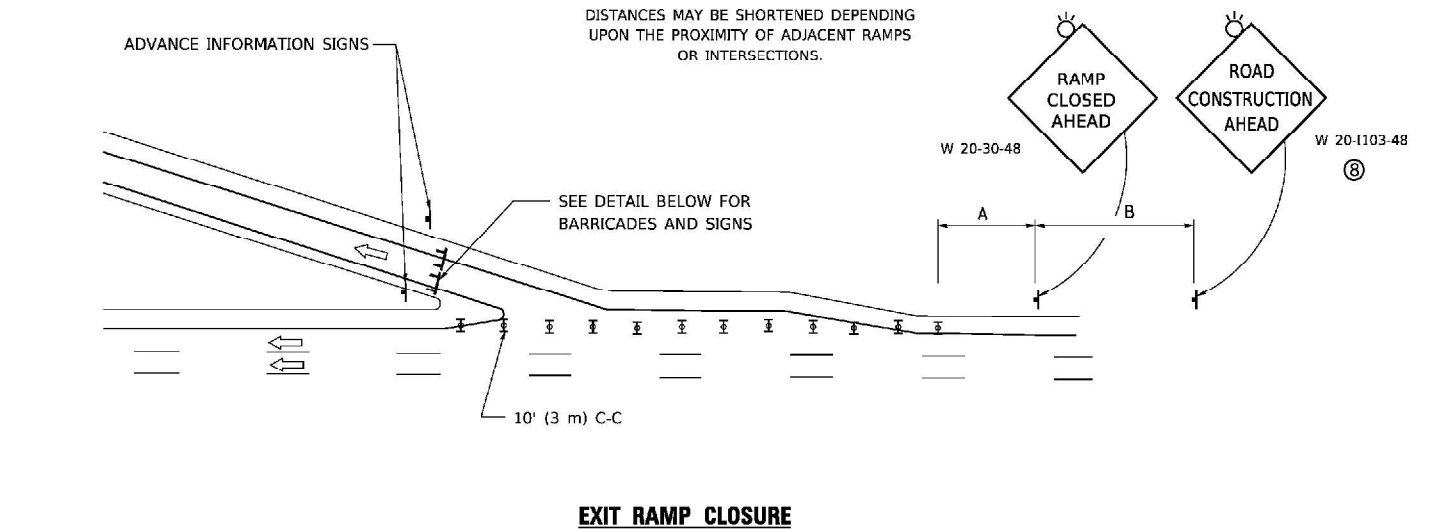


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

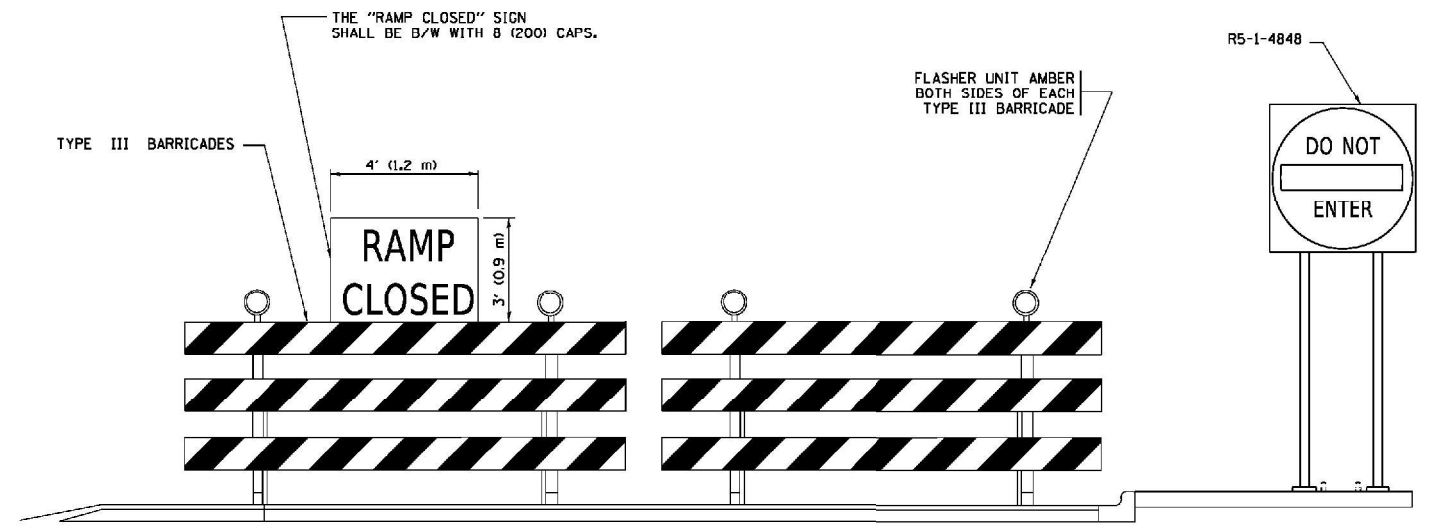
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



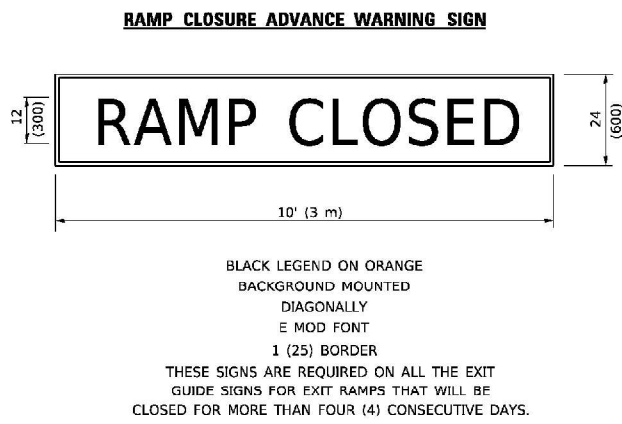
EXIT RAMP CLOSURE

SYMBOLS

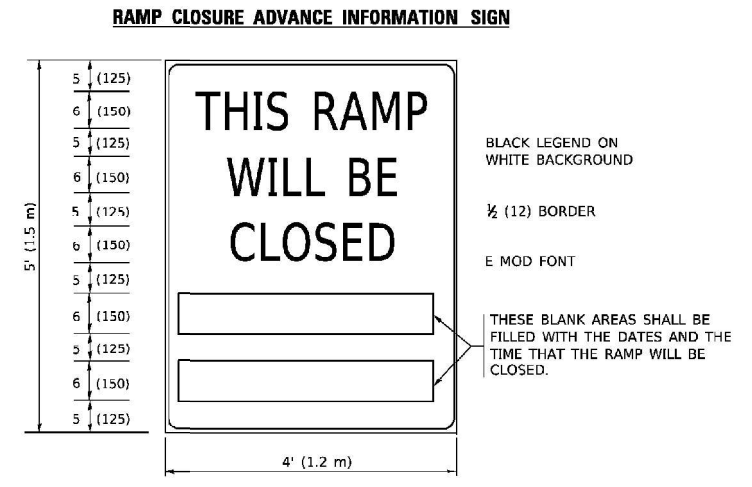
- ☐ TYPE II BARRICADE OR DRUM
- ☐ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER
THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.



BLACK LEGEND ON WHITE BACKGROUND
1/2 (12) BORDER
E MOD FONT
THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.
THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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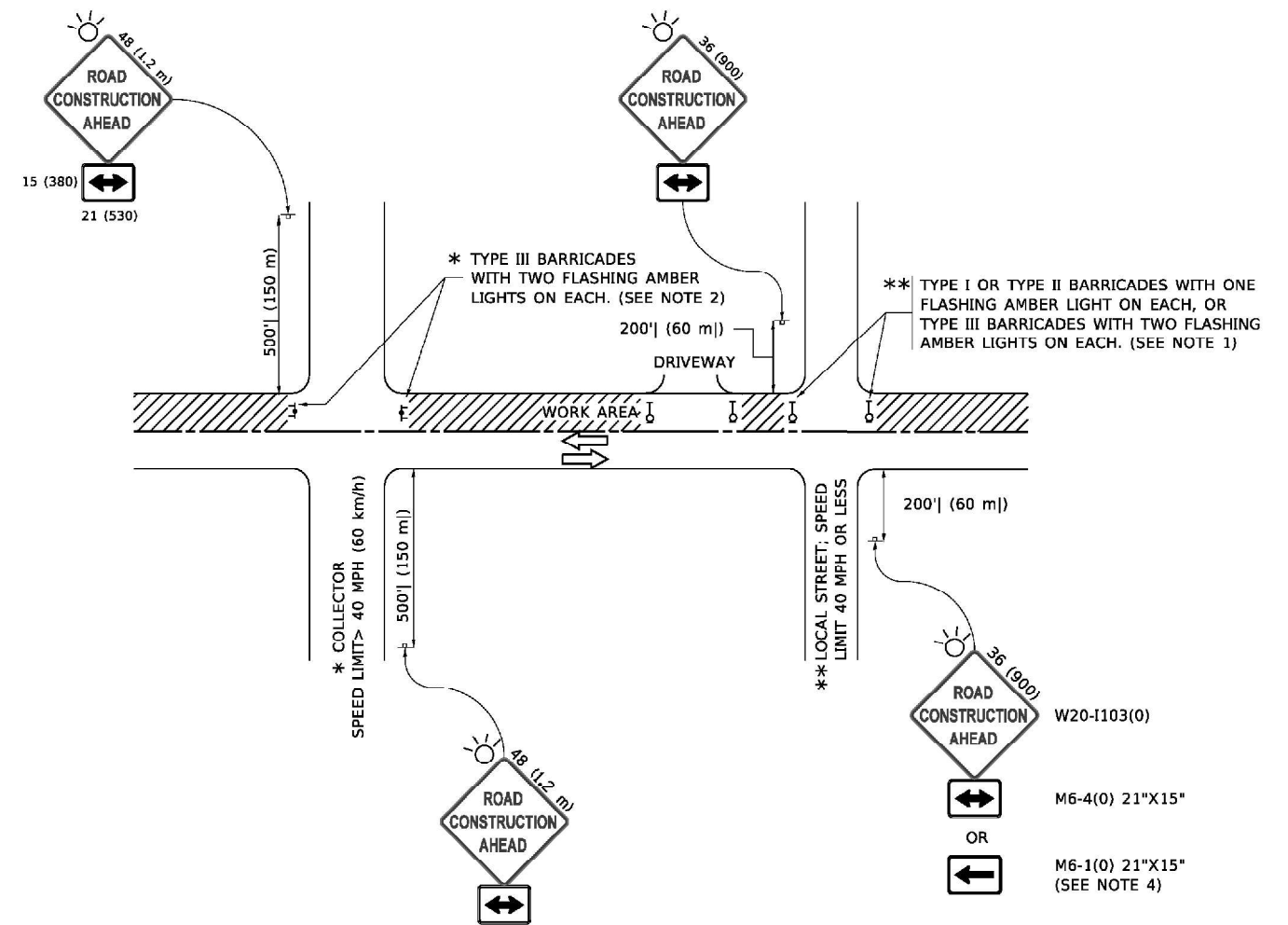
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PLOT DATE = 3/4/2019	CHECKED -	REVISED - M.D._06-13
	DATE - 02-83	REVISED - M.D._01-18

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE_AND_EXIT_RAMP
CLOSURE_DETAILS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	434
TC-08			CONTRACT NO.62R26	
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

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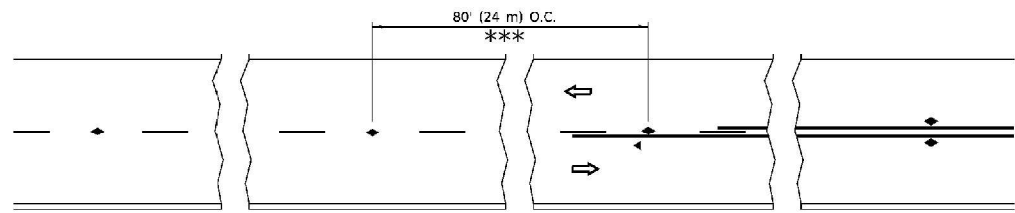
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

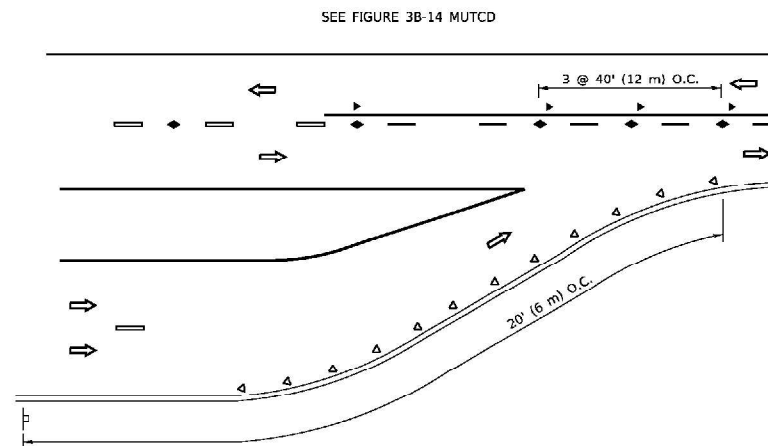
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	436
TC-10			CONTRACT NO. 62R26	
ILLINOIS FED. AID PROJECT				

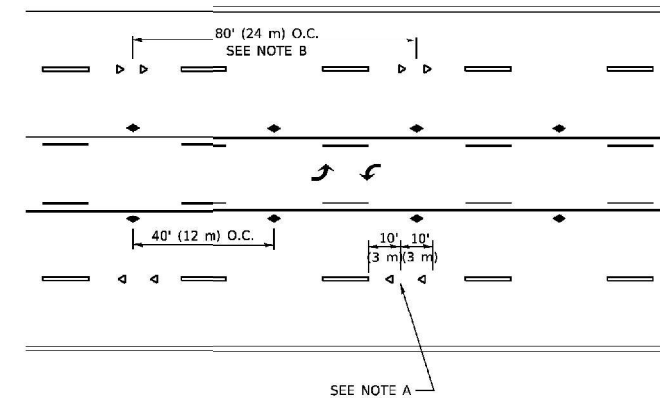


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

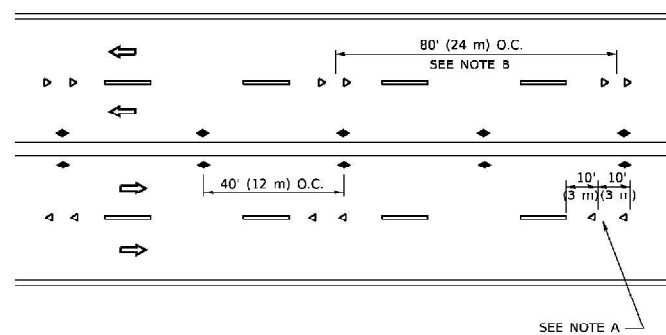
TWO-LANE/TWO-WAY



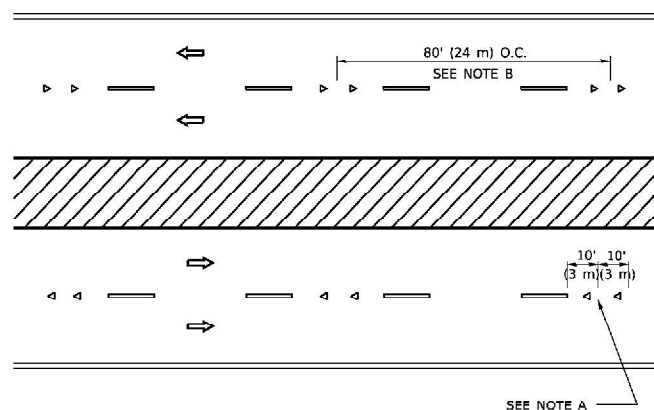
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES.

SYMBOLS

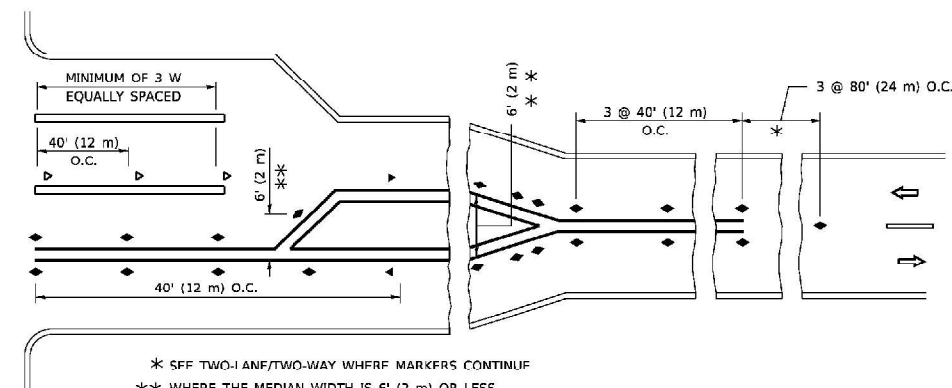
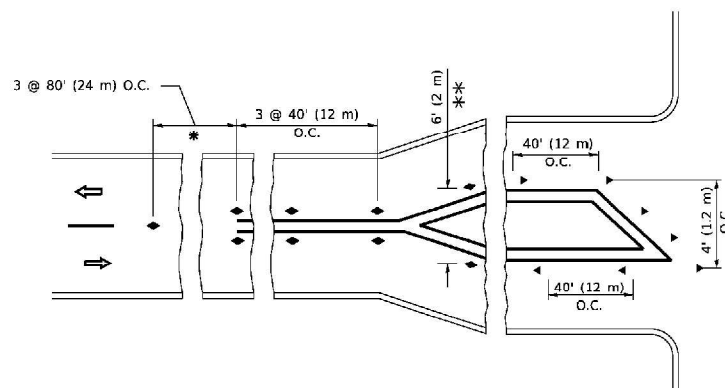
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

All dimensions are in inches (millimeters) unless otherwise shown.

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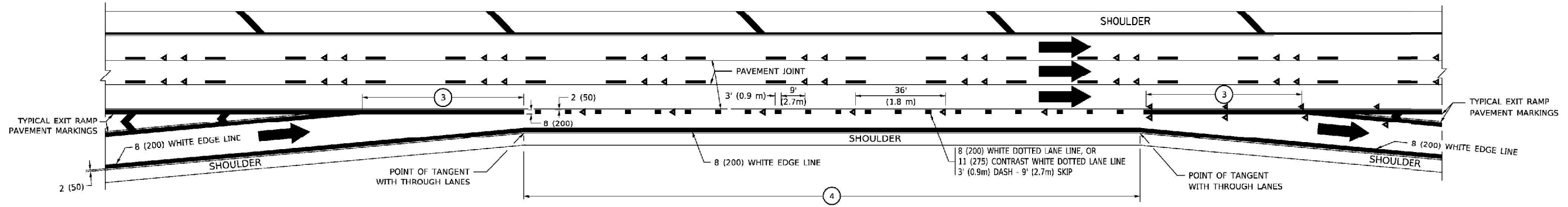
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PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 09-09-09
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

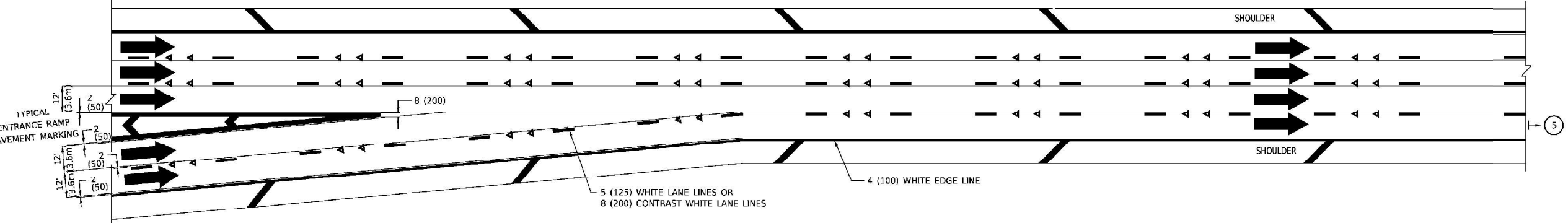
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

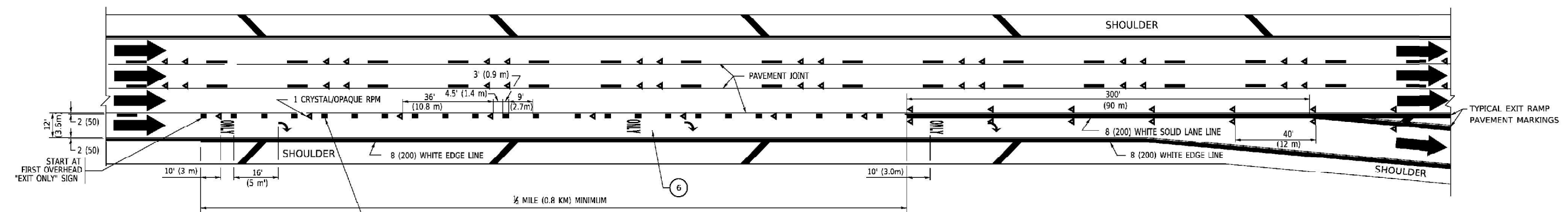
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	437
TC-11			CONTRACT NO. 62R26	
ILLINOIS FED. AID PROJECT				



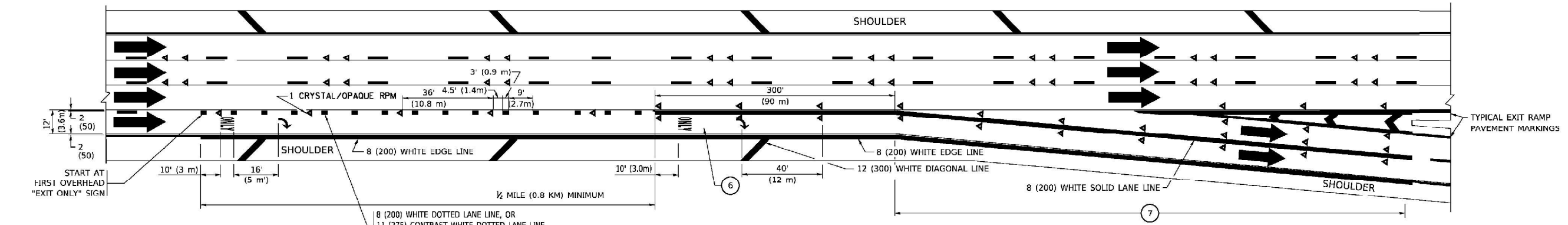
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

- NOTES:**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
 - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
 - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
 - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
 - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

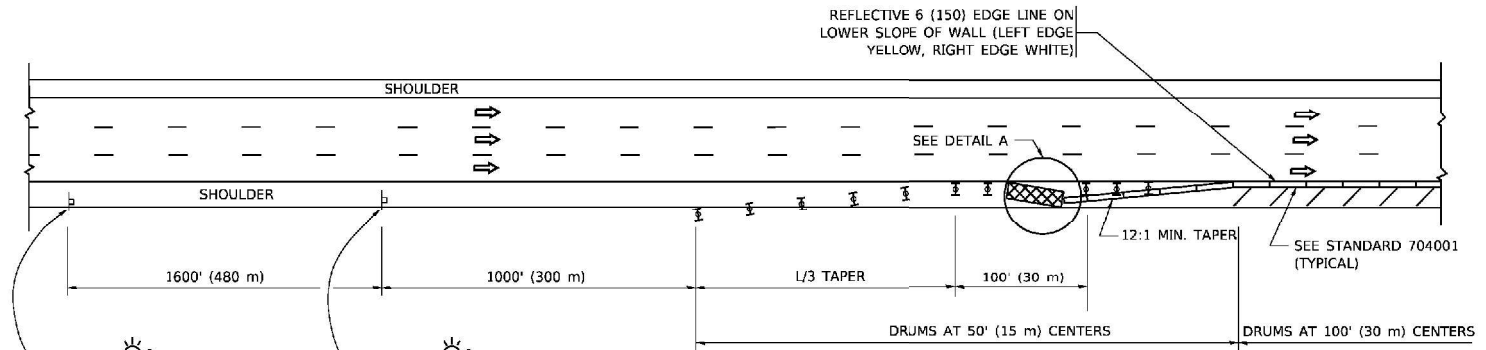
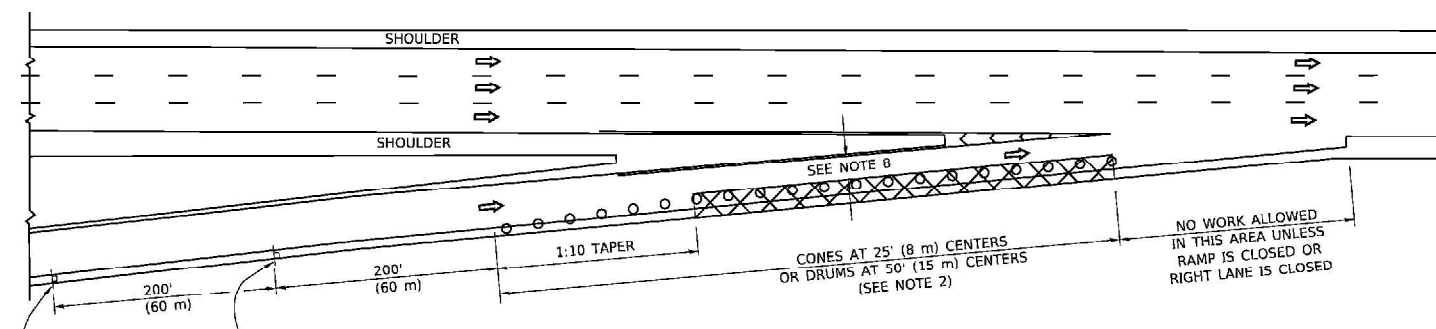
**MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-12		CONTRACT NO. 62R26		
ILLINOIS FED. AID PROJECT				

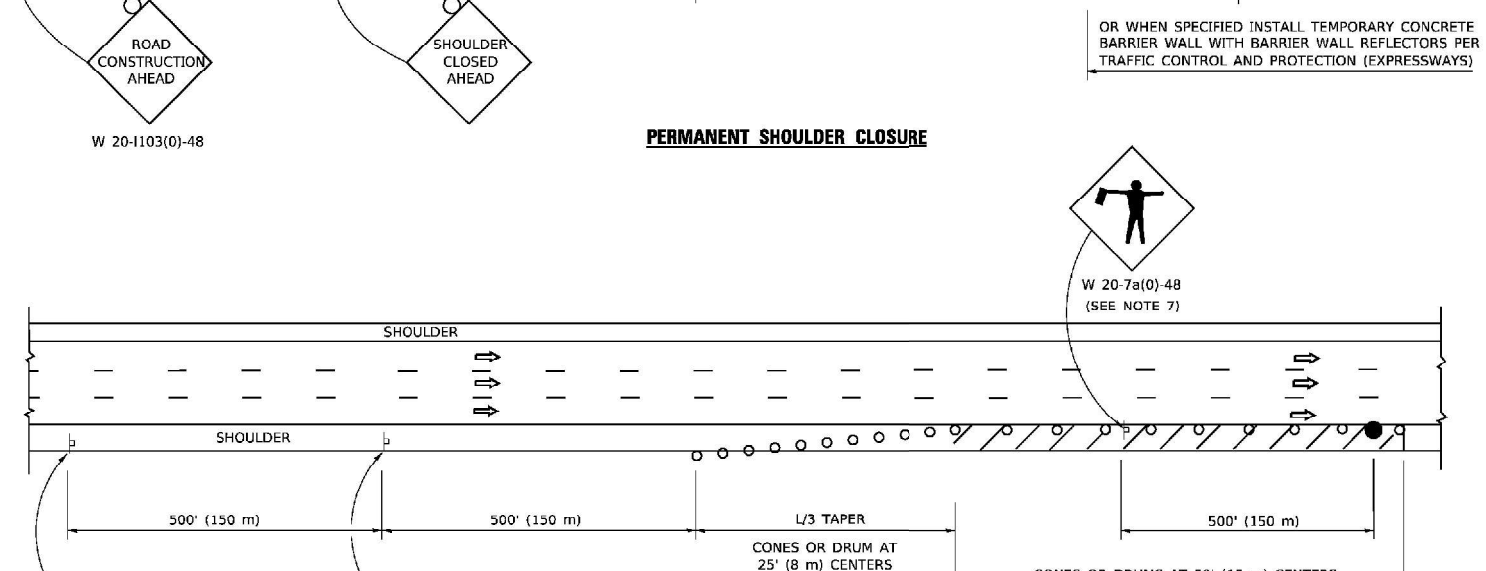
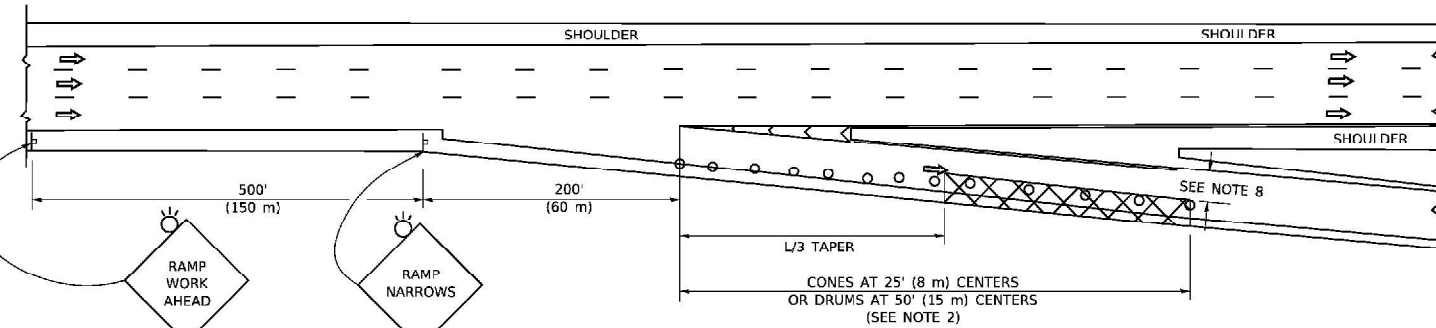
PARTIAL RAMP CLOSURE DETAILS

SHOULDER CLOSURE DETAILS



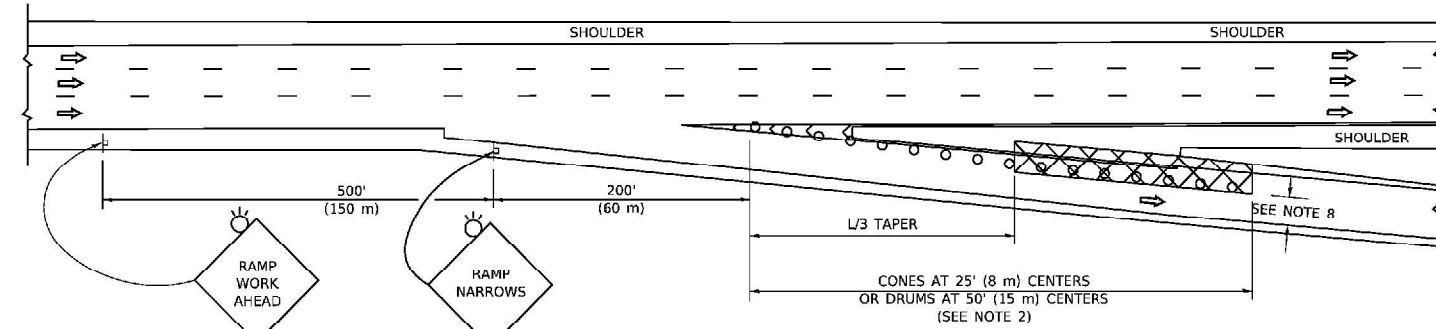
TYPICAL ENTRANCE RAMP

PERMANENT SHOULDER CLOSURE



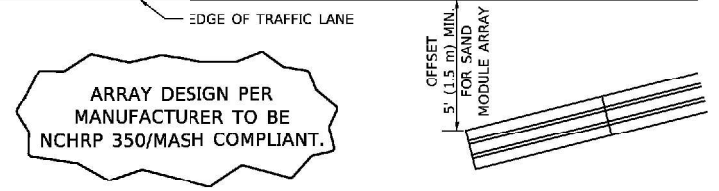
TYPICAL EXIT RAMP

DAYTIME SHOULDER CLOSURE



TYPICAL EXIT RAMP

THIS DETAIL IS USED WHERE:
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350/MASH COMPLIANT.

DETAIL "A"
 IMPACT ATTENUATOR, TEMPORARY
 (SEE NOTE 5)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h)	METRIC ENGLISH
OR GREATER:	L=0.65(WKS) L=(WKS)
W = WIDTH OF OFFSET IN FEET (METERS)	
S = NORMAL POSTED SPEED MPH (KM/H)	
2. TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.
5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION
 16' MIN. WIDTH CURVE SECTION.

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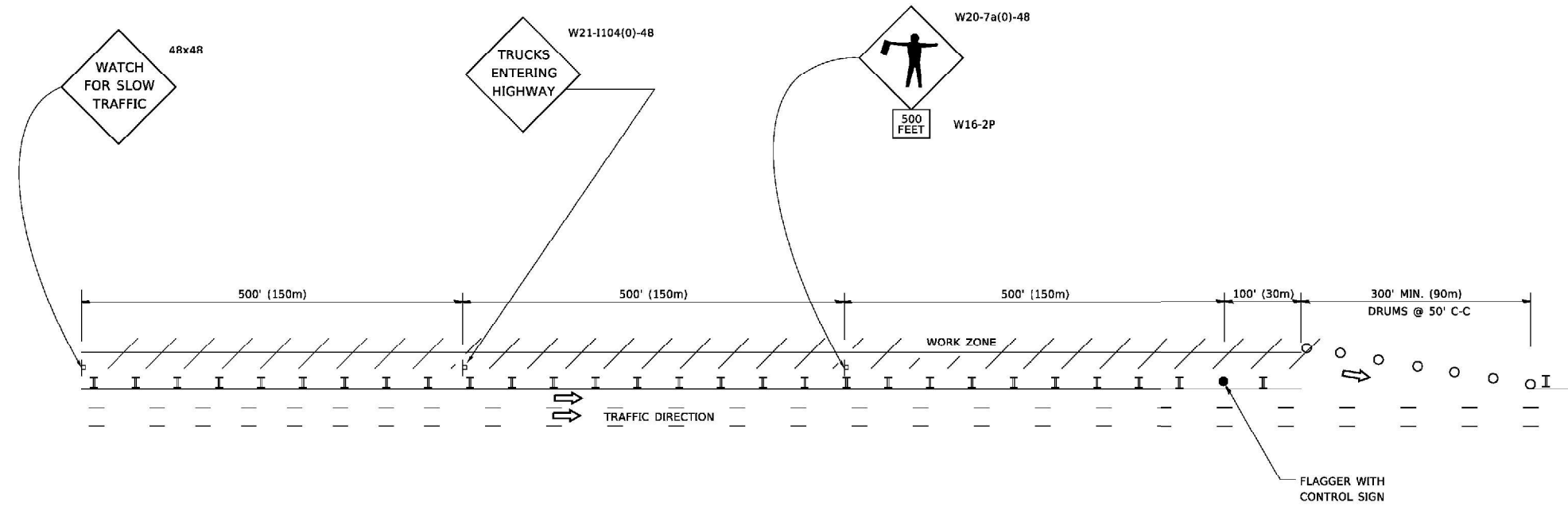
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL DETAILS FOR FREEWAY
 SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES**
 SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

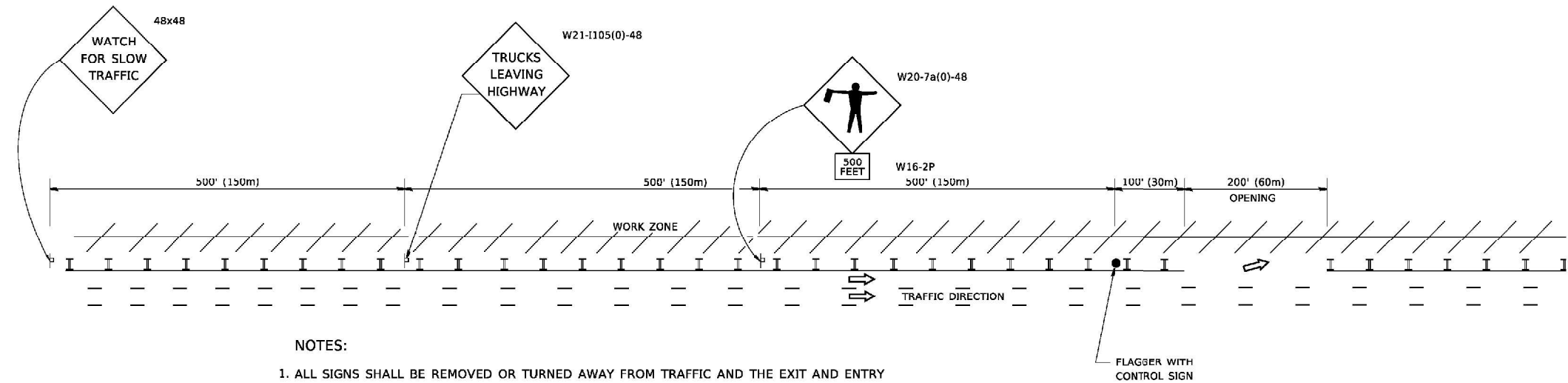
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	441
TC-17		CONTRACT NO. 62R26		
ILLINOIS FED. AID PROJECT				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMP.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

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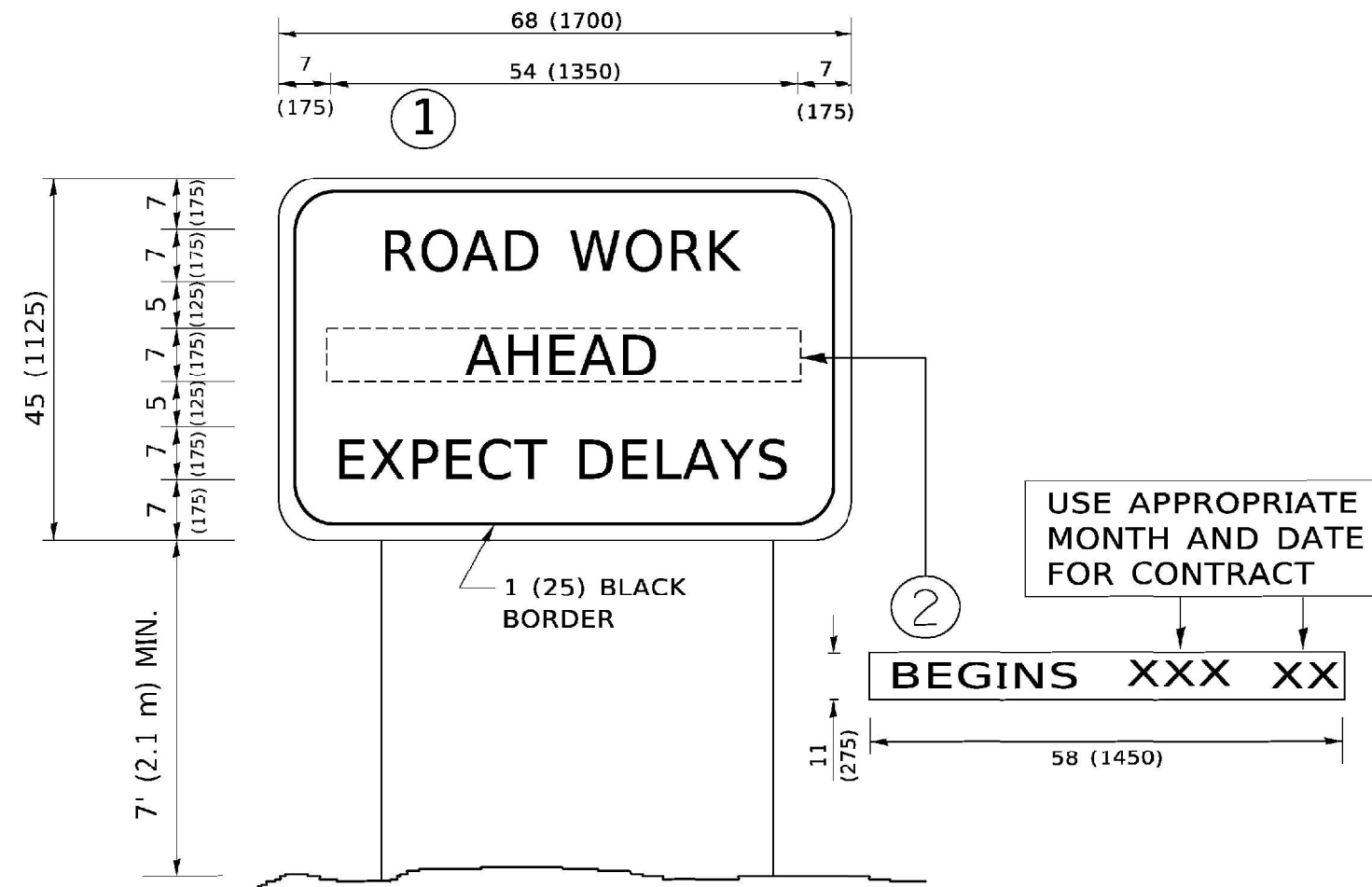
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REVISED - S.P.B. 01-07
REVISED - S.P.B. 12-09
REVISED - M.D.06-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FREEWAY /EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS ON FREEWAYS /EXPRESSWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	442
TC-18			CONTRACT NO. 62R26	
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
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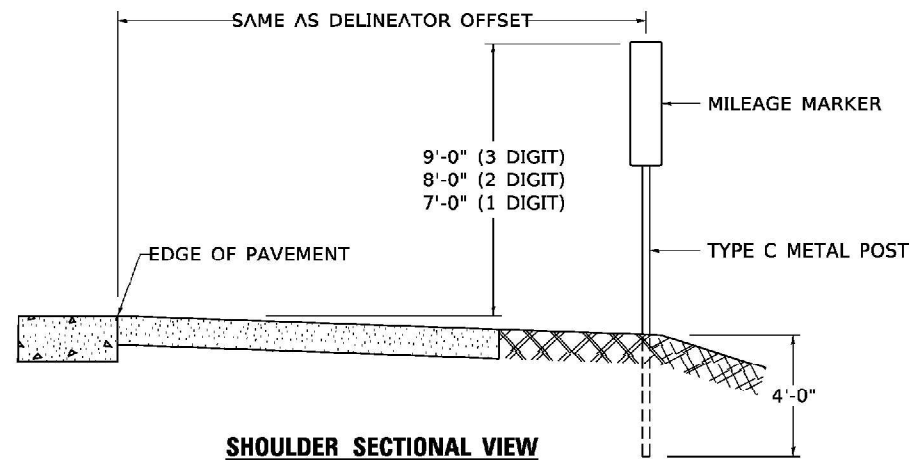
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

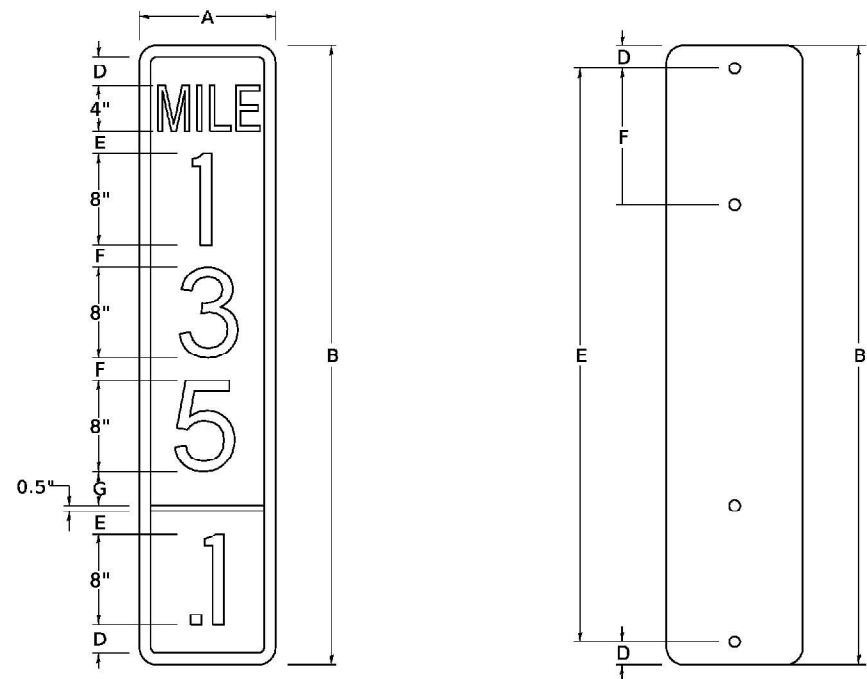
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	443
TC-22			CONTRACT NO. 62R26	
ILLINOIS FED. AID PROJECT				

STANDARD DESIGN FOR MILE POST



SHOULDER SECTIONAL VIEW

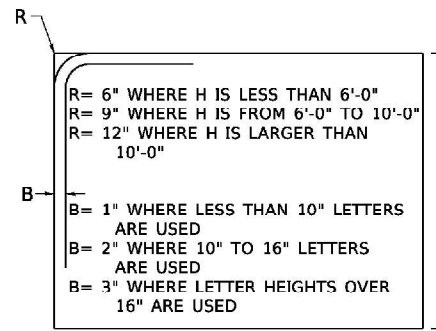


SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	DIGIT
12 x 24	12.0	24.0	1.5	1.5	1.5	N/A	1.5	1
12 x 36	12.0	36.0	1.5	2.0	2.0	2.0	1.5	2
12 x 48	12.0	48.0	1.5	2.5	2.0	2.0	2.5	3

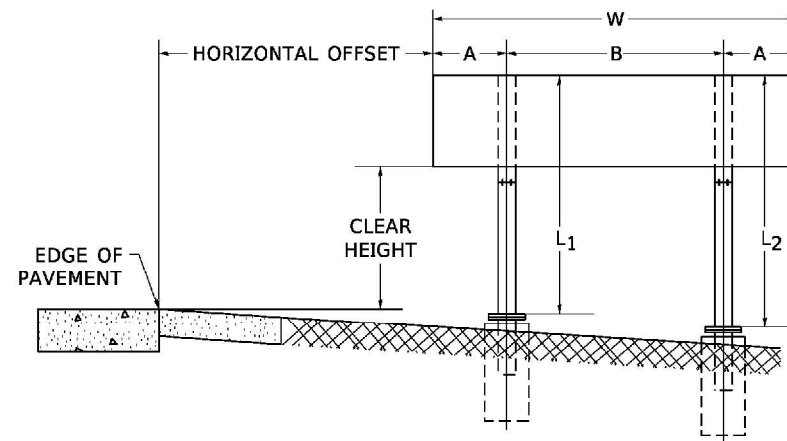
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B9-1224	12.0	24.0	1.5	2.0	20.0	N/A
B9-1236	12.0	36.0	1.5	2.0	32.0	12.0
B9-1248	12.0	48.0	1.5	2.0	44.0	12.0

SIGN SIZE	SERIES					BLANK STD.	
	LINES						
	1	2	3	4	5	BORDER	
12 x 24	4C	8D	4C	N/A	N/A	0.5	B9-1224
12 x 36	4C	8D	8D	4C	N/A	0.5	B9-1236
12 x 48	4C	8D	8D	8D	4C	0.5	B9-1248

BORDER AND RADIUS LAYOUT



MAJOR GUIDE SIGN LAYOUT

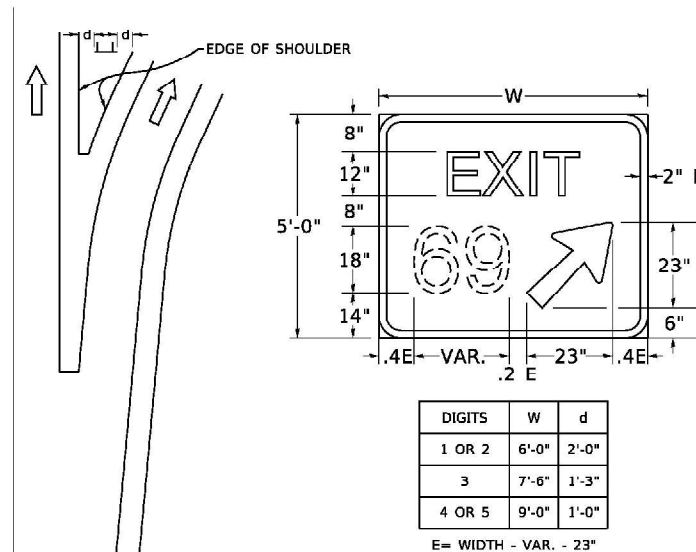


NUMBER OF STEEL SUPPORTS	A	B
2	.2 W	.6 W
3	.15 W	.35 W
4	.125 W	.25 W
5	.1 W	.2 W

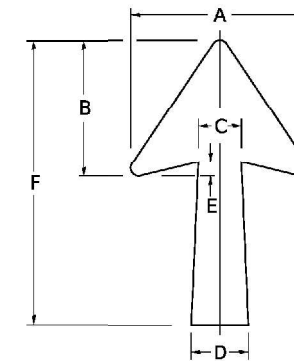
"L₁" IS THE LENGTH OF SUPPORT, NOT INCLUDING THE STUB PROJECTION, CLOSEST TO THE EDGE OF THE PAVEMENT.

"A" IS THE DISTANCE FROM THE SIGN EDGE TO THE CENTERLINE OF THE NEAREST SUPPORT. "B" IS THE DISTANCE BETWEEN CENTERLINES OF SUPPORTS.

GORE SIGNS

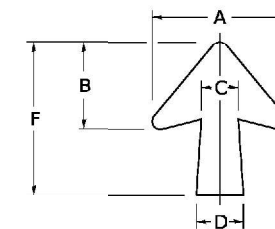


STANDARD ARROWS FOR INTERSTATE GUIDE SIGNS



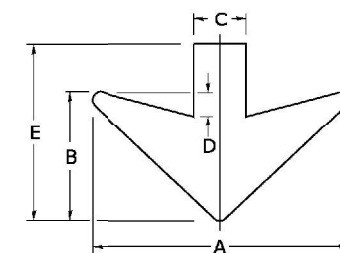
ARROW SYMBOL	A	B	C	D	E	F	R
24 1/4 x 15 1/8	15 1/2	11 1/8	3 3/8	5	1 5/8	24 1/4	1 3/8
29 1/4 x 18 1/4	18 1/2	14	4 1/2	6	1 1/2	29 1/4	3/4
35 1/2 x 22 1/2	22 1/2	17	5 3/8	7 1/2	1 3/4	35 1/2	1
18 1/2 x 11 1/4	11 1/4	8 3/4	3 3/8	3 3/8		18 1/2	

NOTE: D & F ARE RECOMMENDED DIMENSIONS. TAPER SHOULD BE HELD CONSTANT FOR LONGER OR SHORTER SHAFT LENGTHS



ARROW SYMBOL	A	B	C	D	E	F	R
17 1/4 x 14 1/4	14 1/4	9 3/8	3 3/8	4 1/2	5/8	17 1/4	3/4
20 1/4 x 17 1/4	17 1/4	11 3/4	4 3/8	5 5/8	1 1/2	20 1/4	
25 x 21 1/8	21 1/8	14 1/4	5	6 3/4	1 3/4	25	1
9 5/8 x 8 1/8	8 1/8	5 1/8	2 1/8	2 1/8		9 5/8	1/2

DOWN ARROWS



ARROW SYMBOL	A	B	C	D	E	R
16 1/2 x 24	24	12	5	1 1/2	16 1/2	3/4
22 x 32	32	16	6 1/2	3	22	1

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PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE - 03-08-1984	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**MILE POST MARKERS - GORE SIGNS
MAJOR GUIDE SIGN LAYOUT - ARROWS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

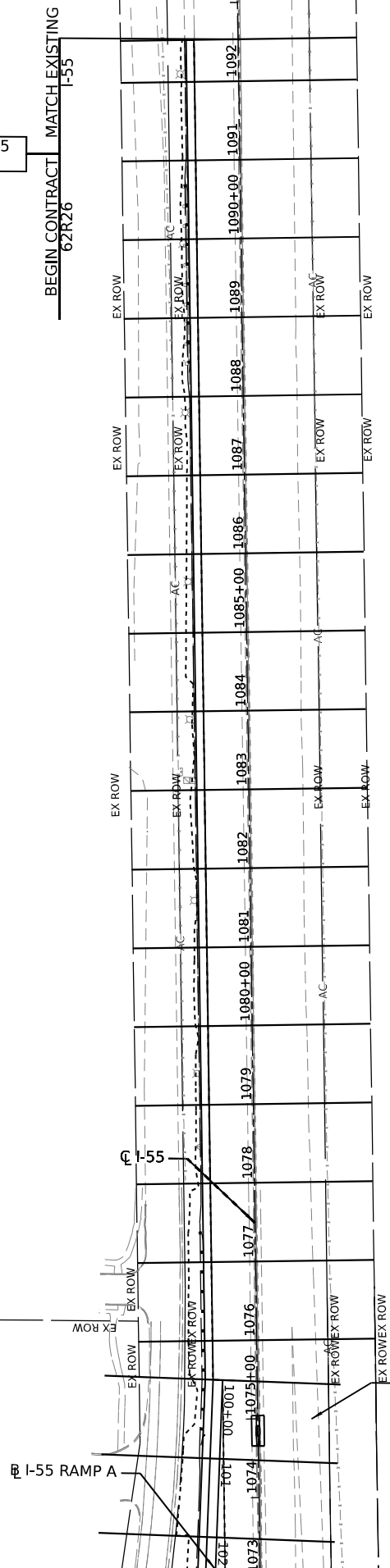
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	444
TC-27 (TS-2341-1)		CONTRACT NO. 62R26		
ILLINOIS FED. AID PROJECT				

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 Plot Date: 5/31/2024

LEGEND:

 RAMP CROSS SECTION LOCATION
 LIMITS OF CONSTRUCTION

PROJECT BEGINS I-55
STA. 1092+53.12



USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 200,000' / in.	DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

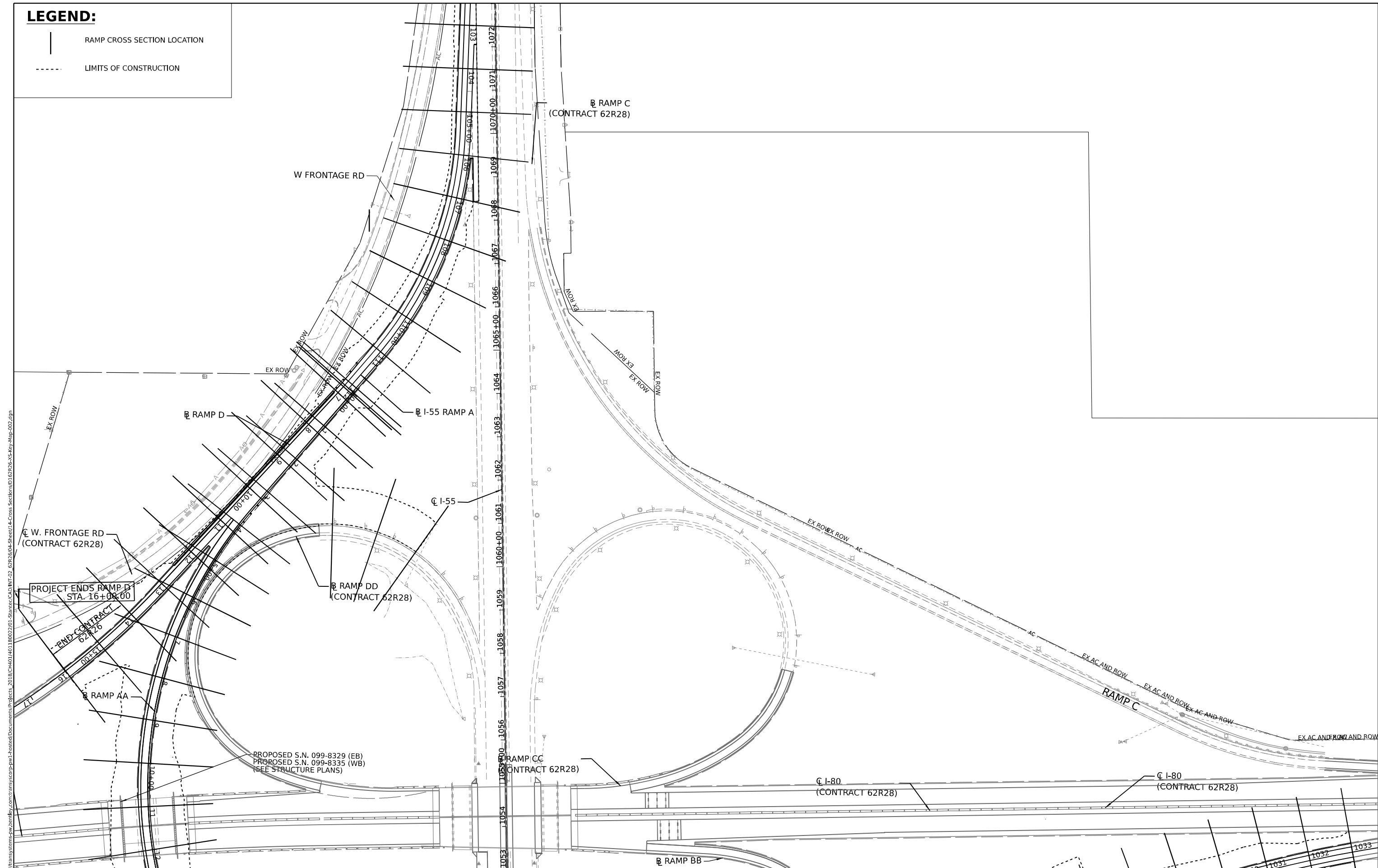
CROSS SECTION KEY MAP

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	445
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R26	

LEGEND:

- RAMP CROSS SECTION LOCATION
- - - - - LIMITS OF CONSTRUCTION



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USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 200,000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

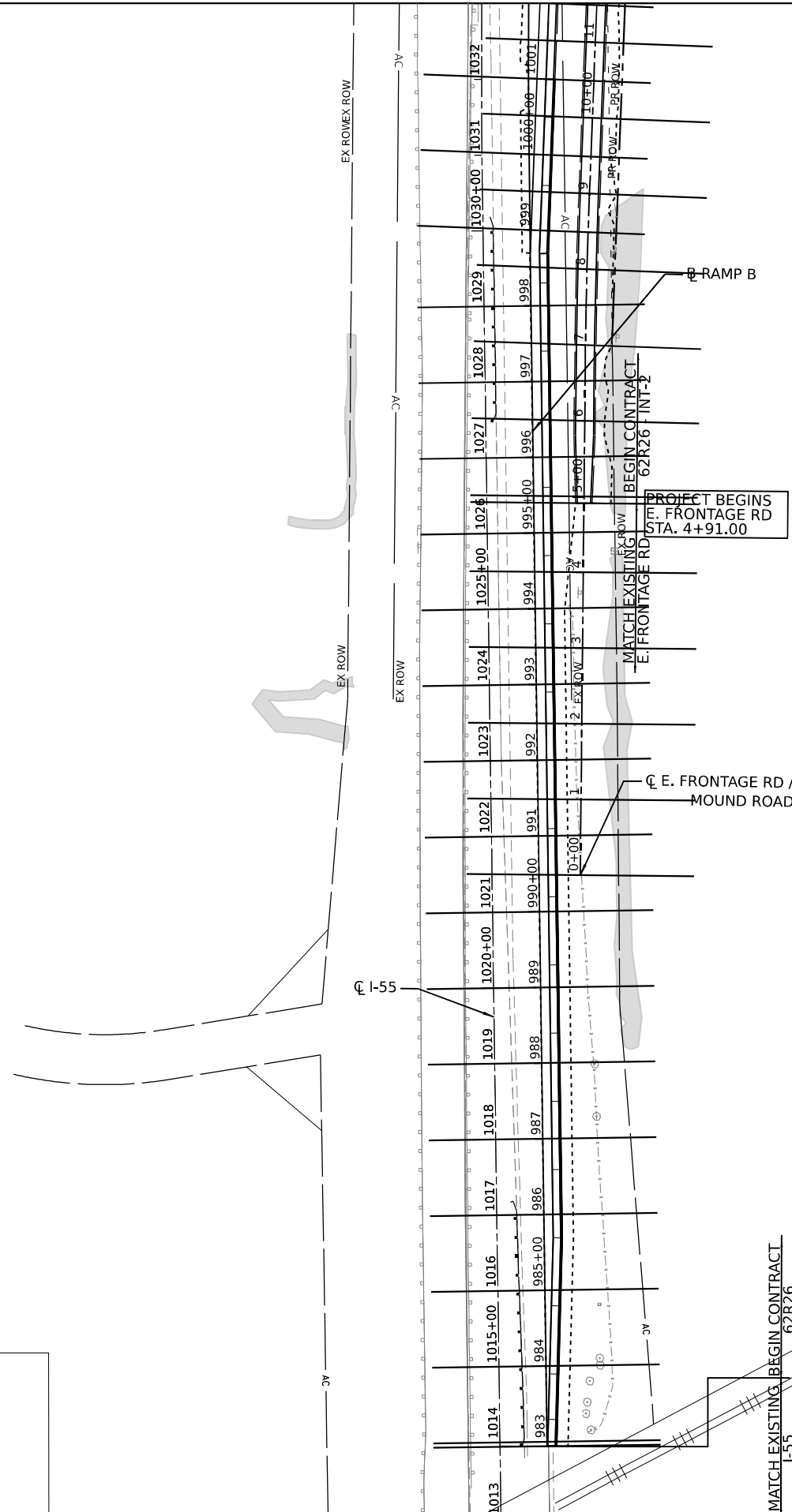
CROSS SECTION KEY MAP
 SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	446
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

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LEGEND:

- RAMP CROSS SECTION LOCATION
- LIMITS OF CONSTRUCTION



PROJECT BEGINS I-55
STA. 982+94.06

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION KEY MAP

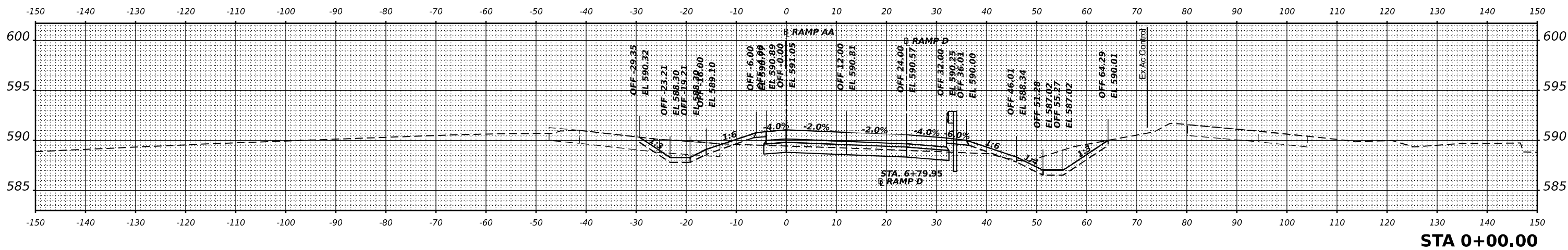
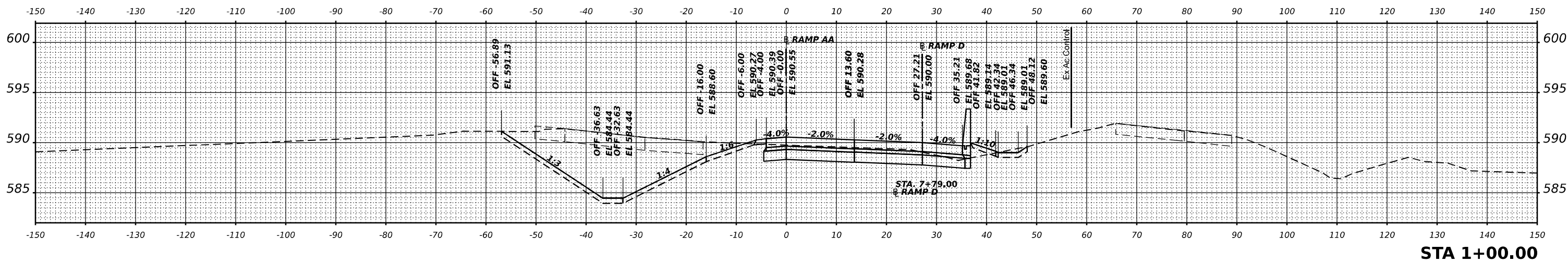
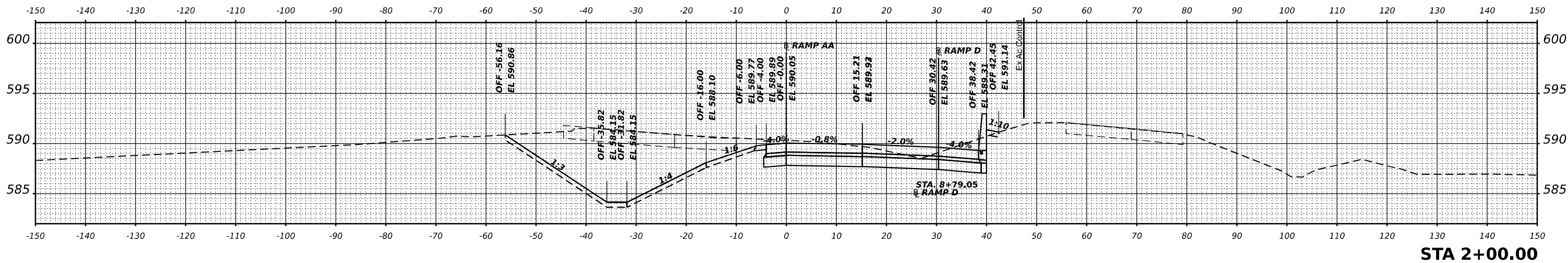
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	448
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP AA

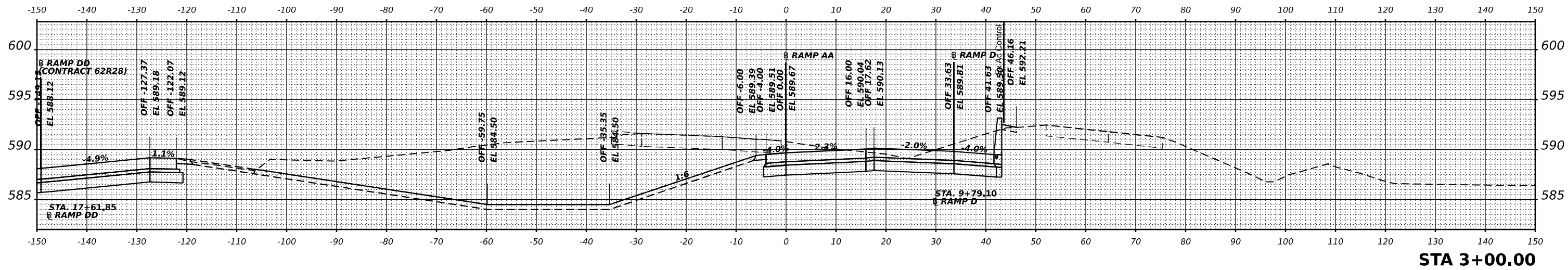
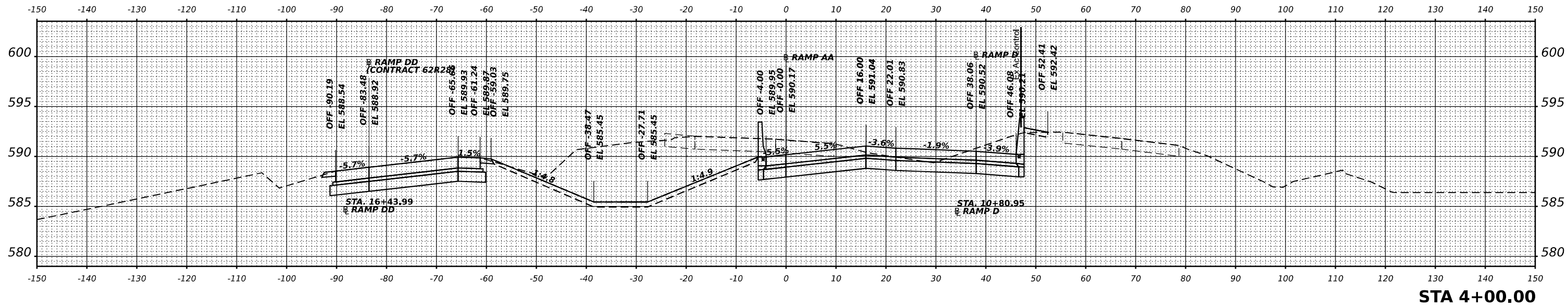
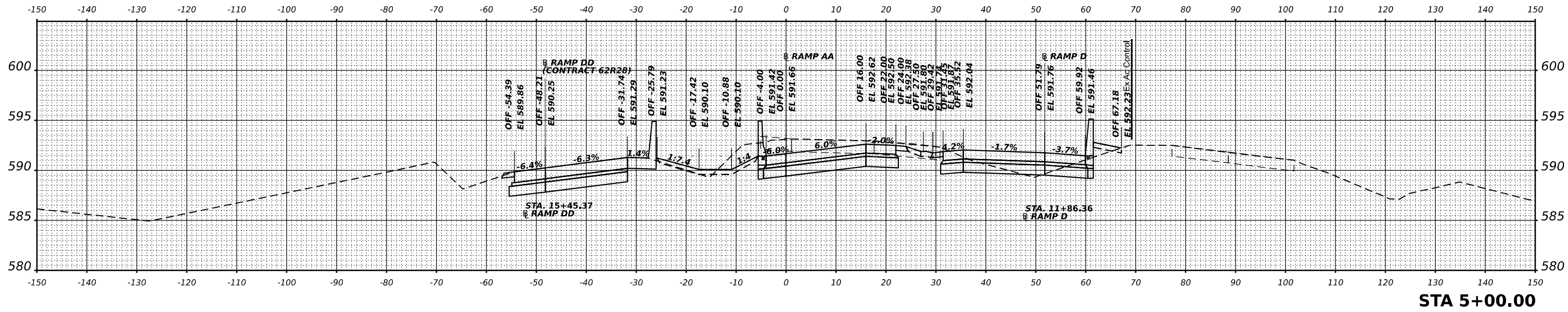
SCALE: SHEET OF SHEETS STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	449
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

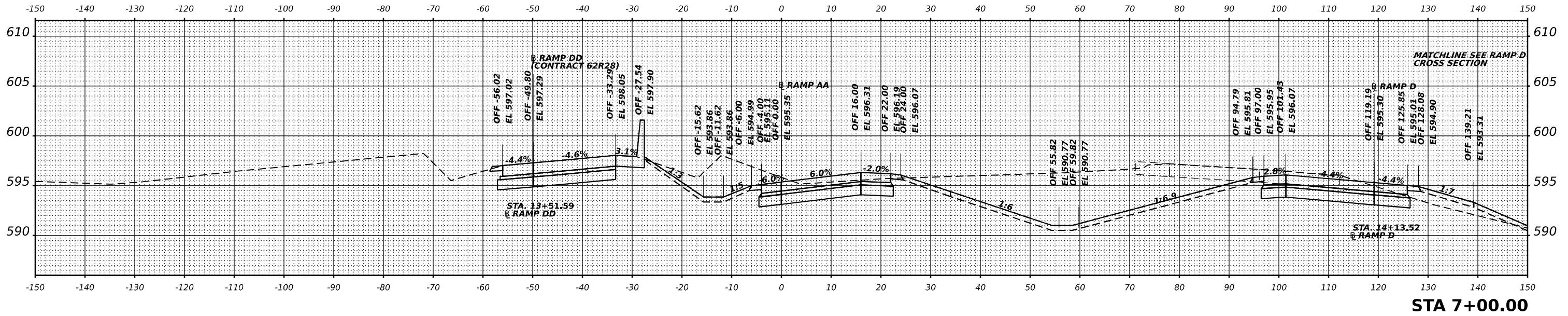
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RAMP AA			
SCALE:	SHEET	OF	SHEETS
			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	450
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

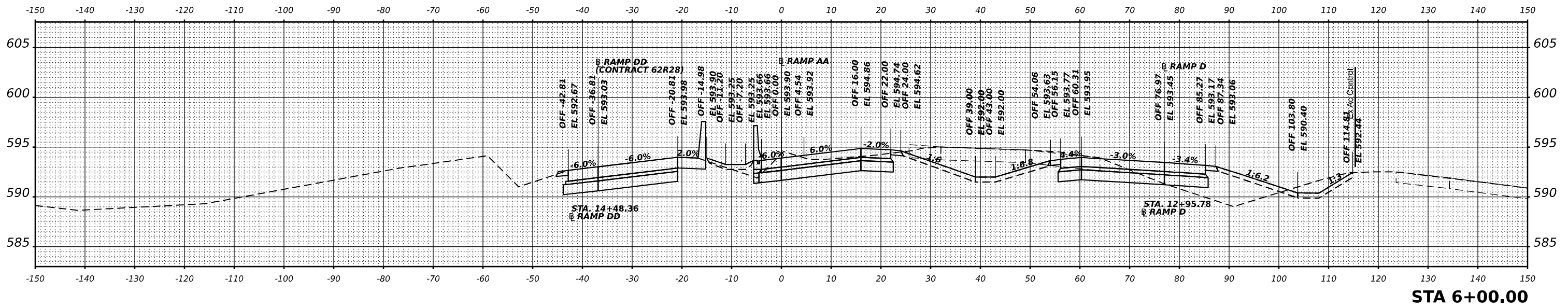
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NOTE BOOK	PLOTTED		
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	AREAS CHECKED		

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STA 7+00.00



STA 6+00.00



USER NAME = jstrouse	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

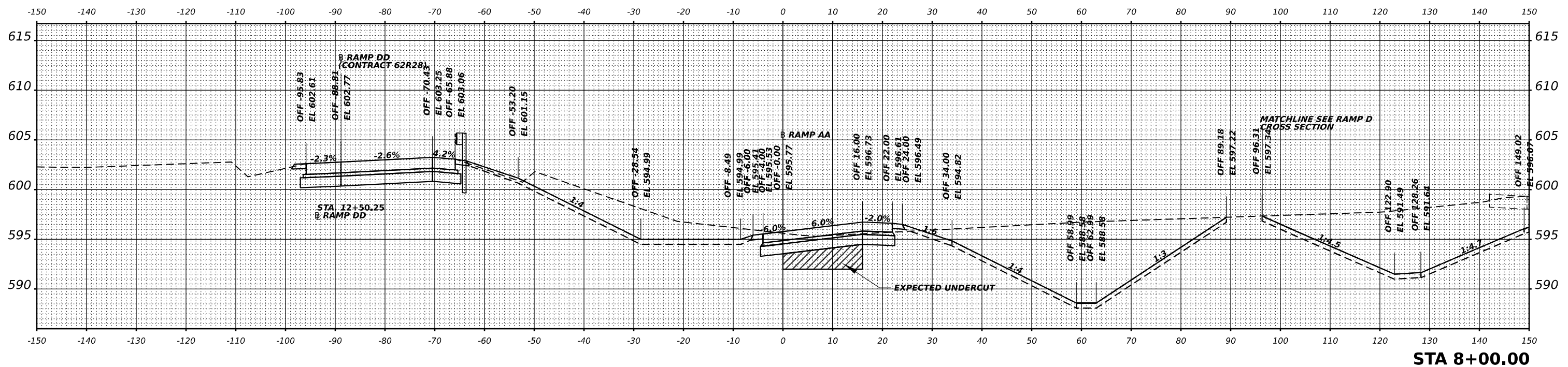
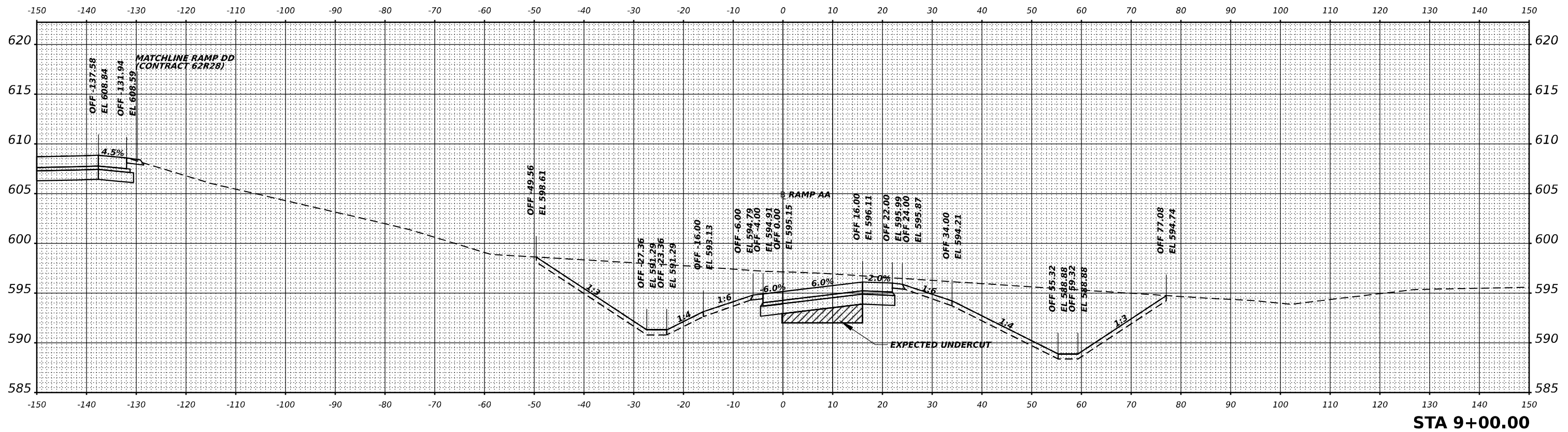
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SCALE:	SHEET	OF SHEETS	STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	451
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

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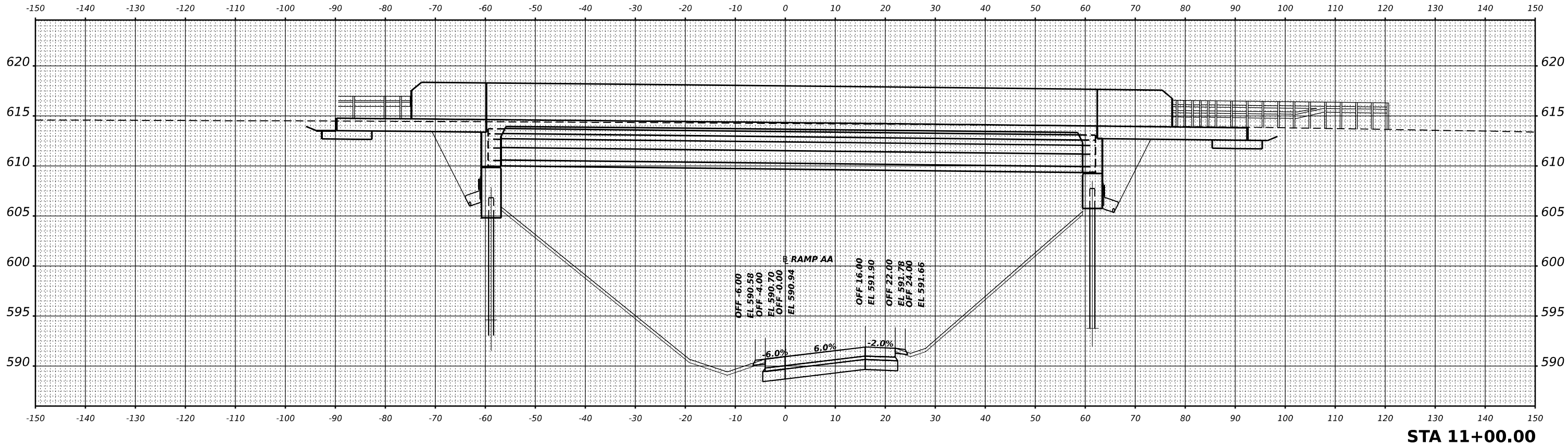
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
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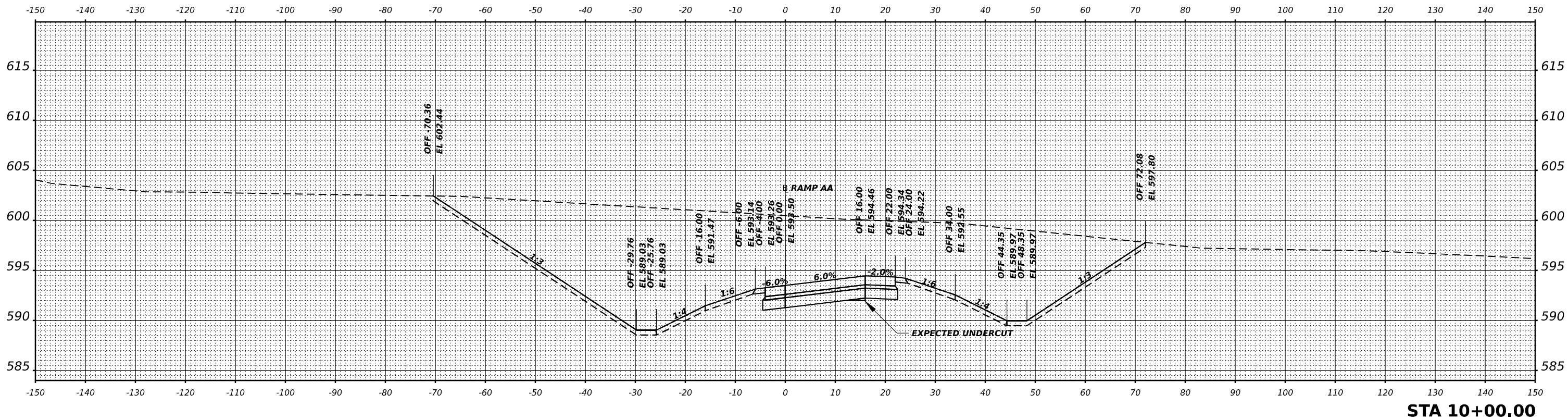
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	452
			CONTRACT NO. 62R26	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 RAMP AA

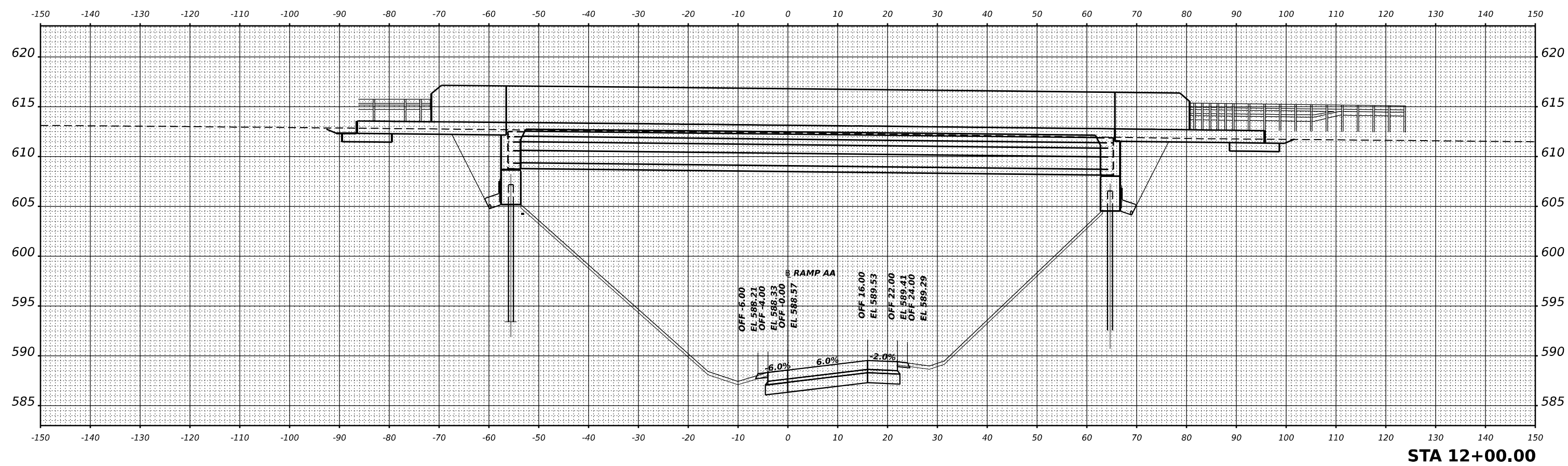
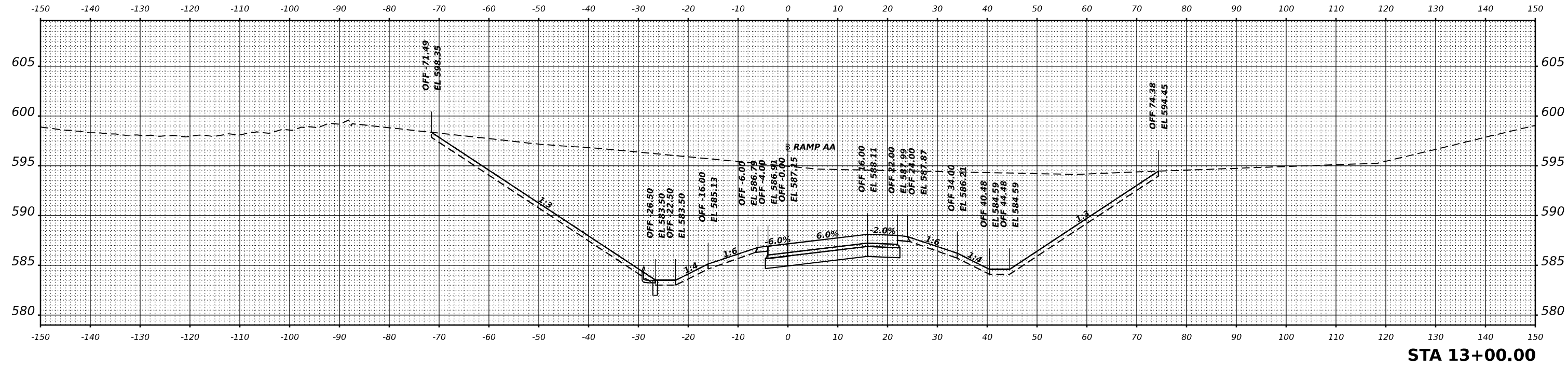
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	453
			CONTRACT NO. 62R26	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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PLOT DATE = 5/31/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

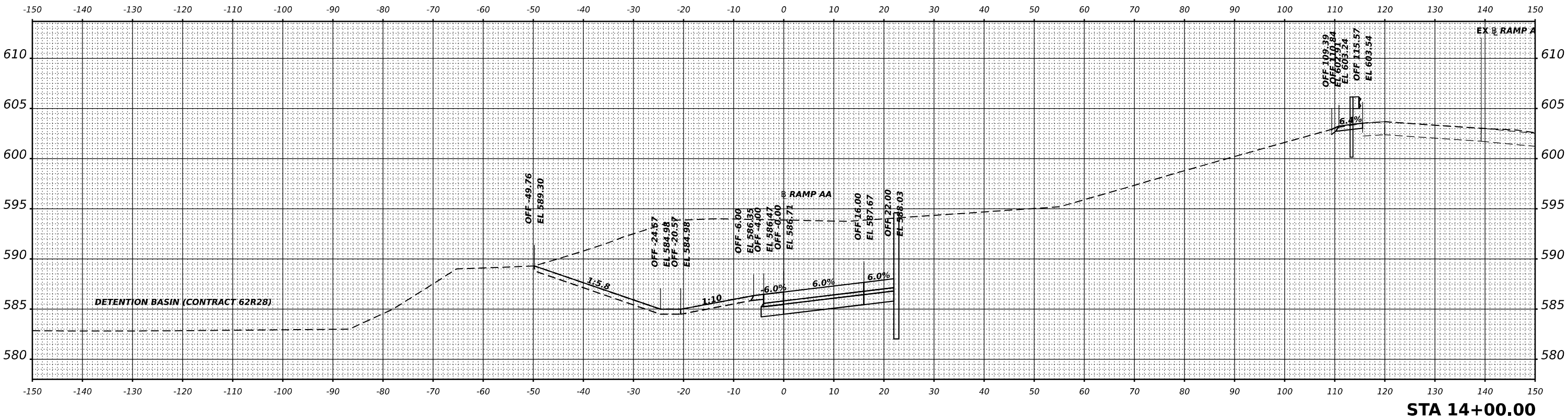
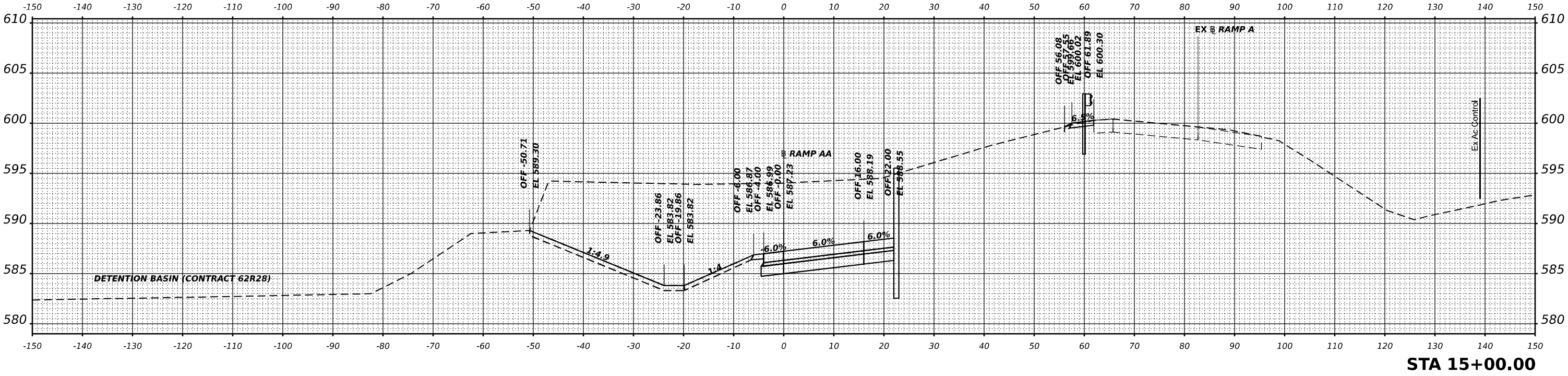
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	454
				CONTRACT NO. 62R26
				ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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DATE	
BY	
ORIGINAL SURVEY	SURVEYED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

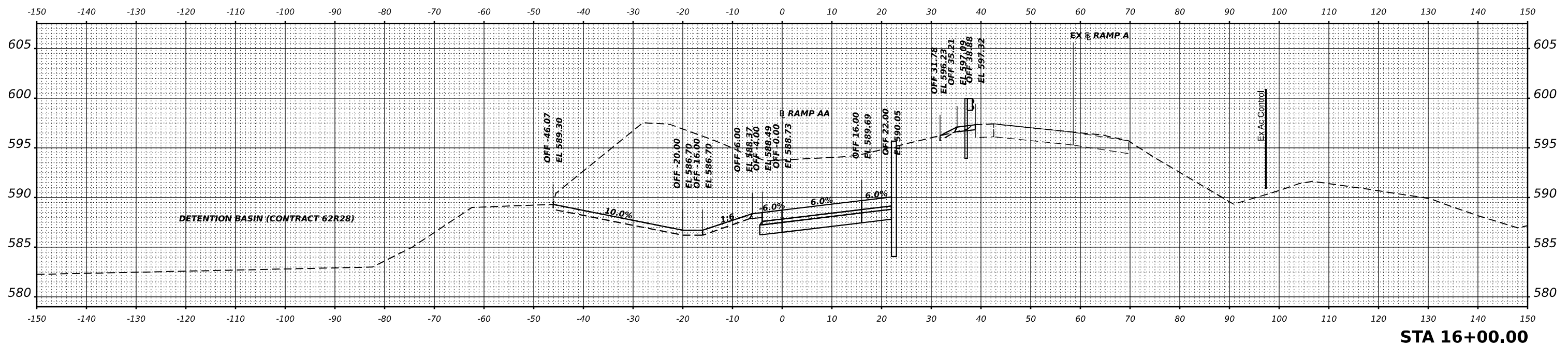
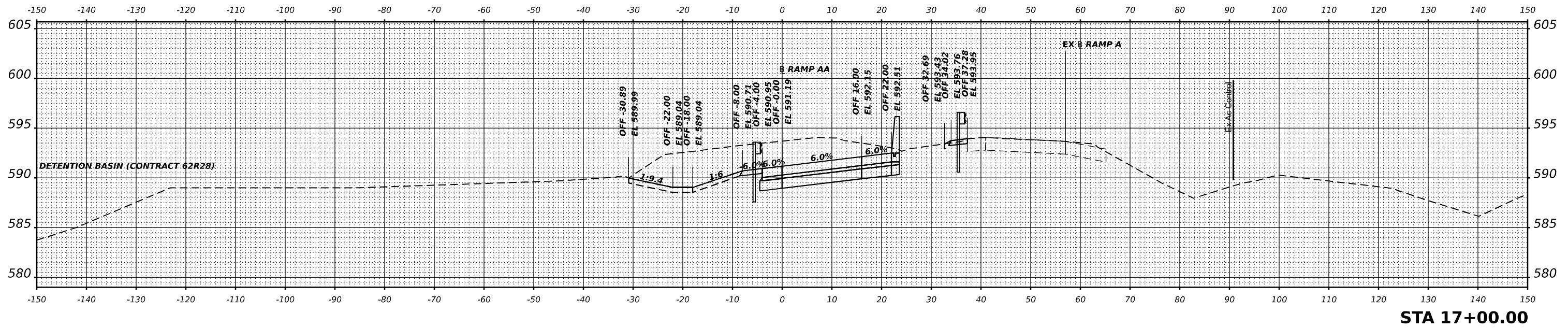
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			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	455
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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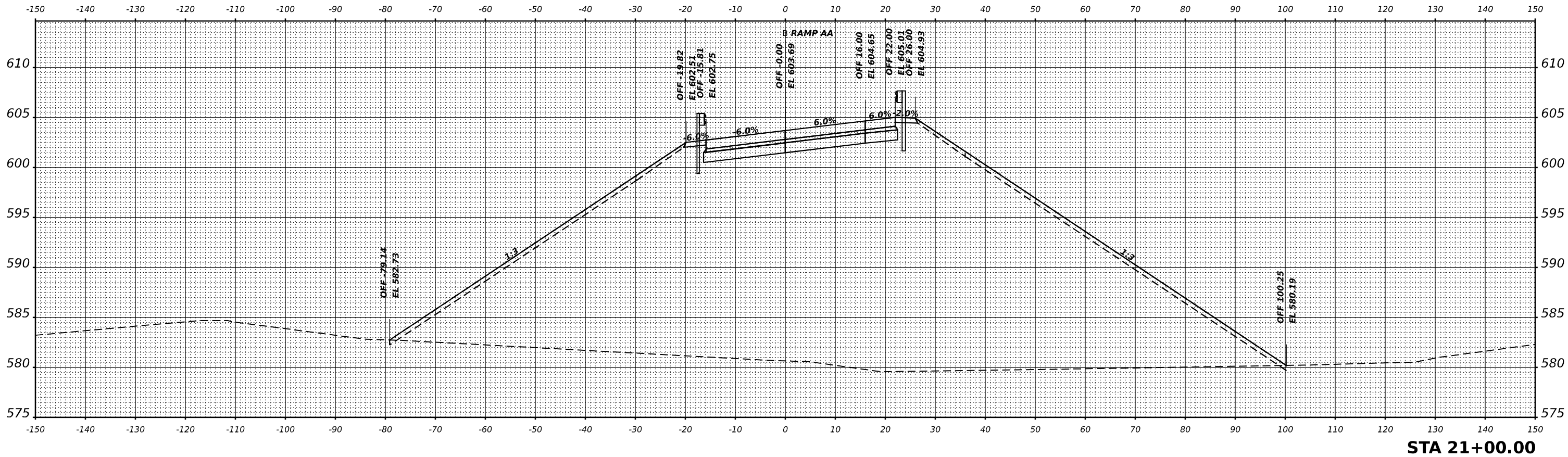
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

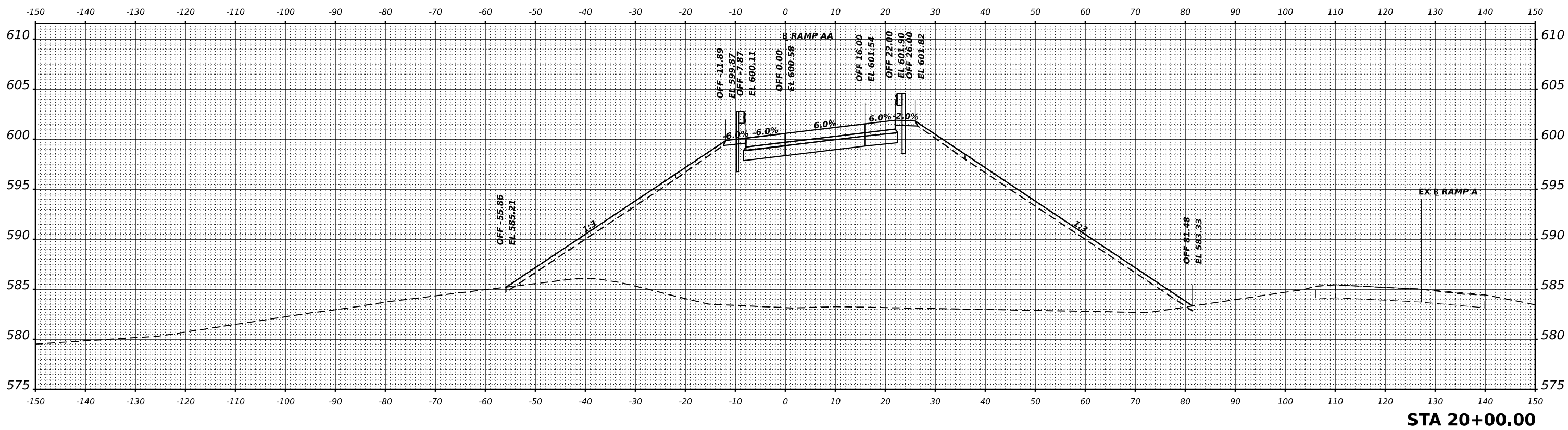
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	456
				CONTRACT NO. 62R26
ILLINOIS		FED. AID PROJECT		

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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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	AREAS		
	CHECKED		



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

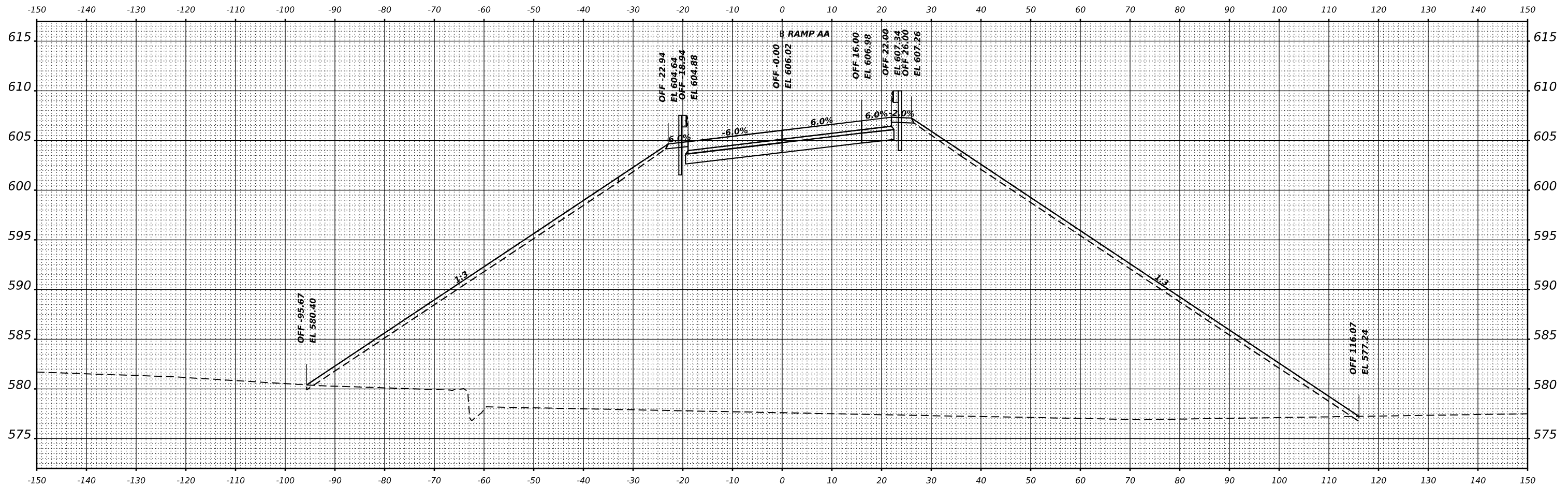
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RAMP AA			
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			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	458
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP AA**

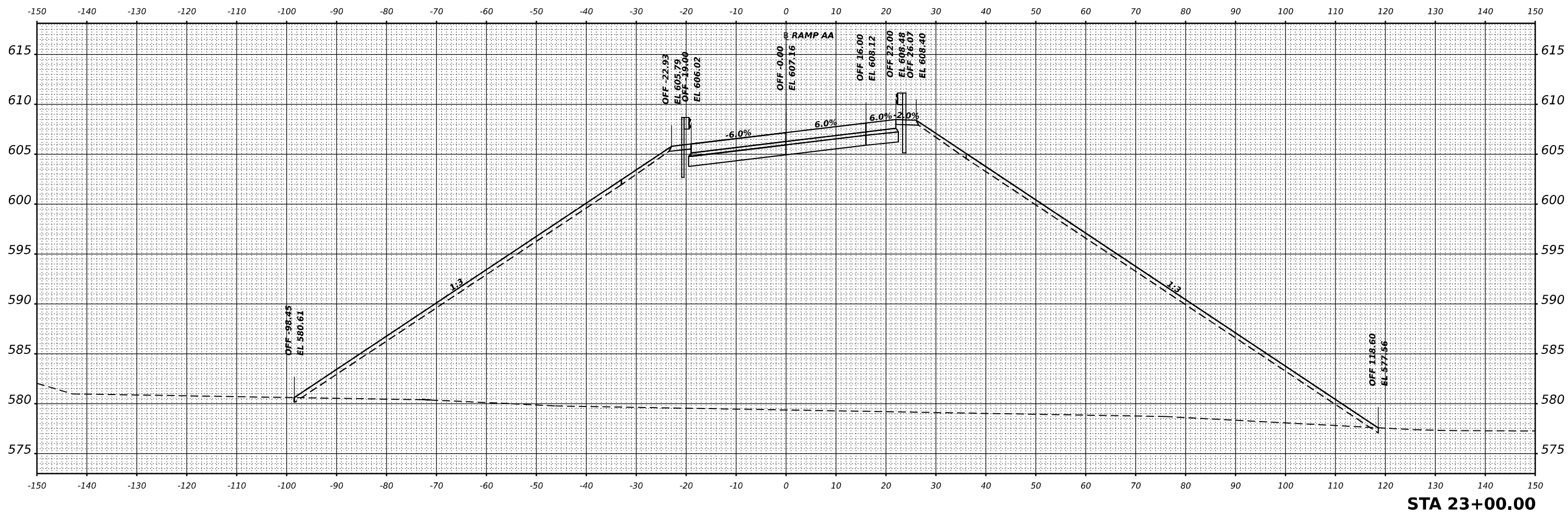
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I-80	FAI 80 21 STRUCTURE 5	WILL	525	459
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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STA 23+00.00



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PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP AA**

SCALE: SHEET OF SHEETS STA.

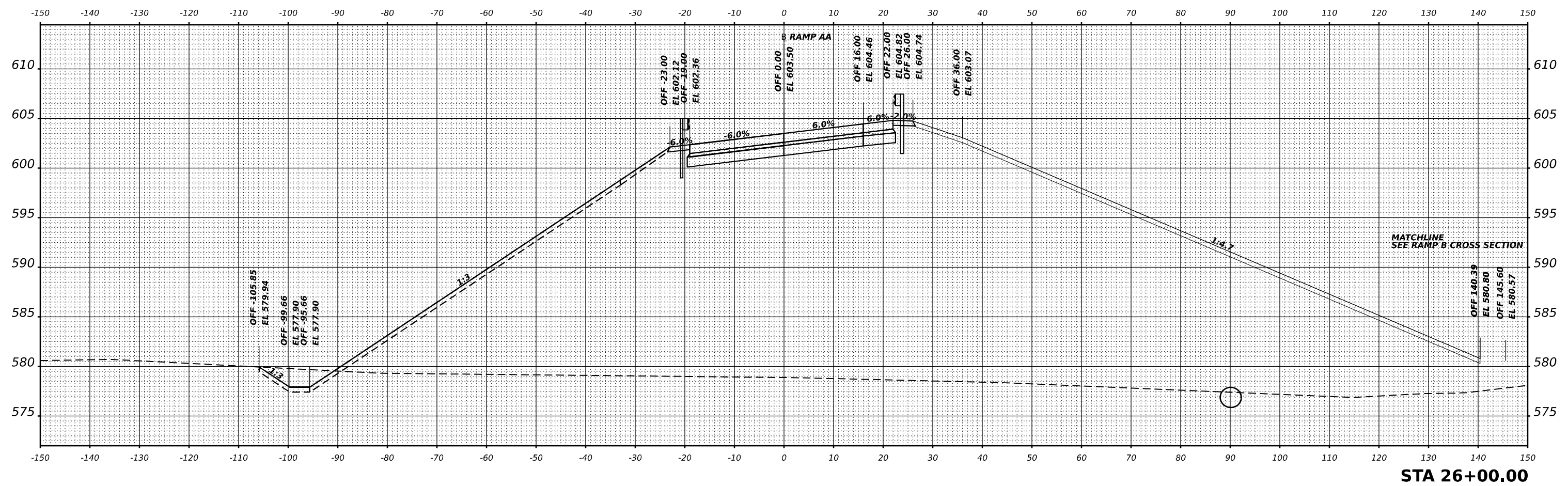
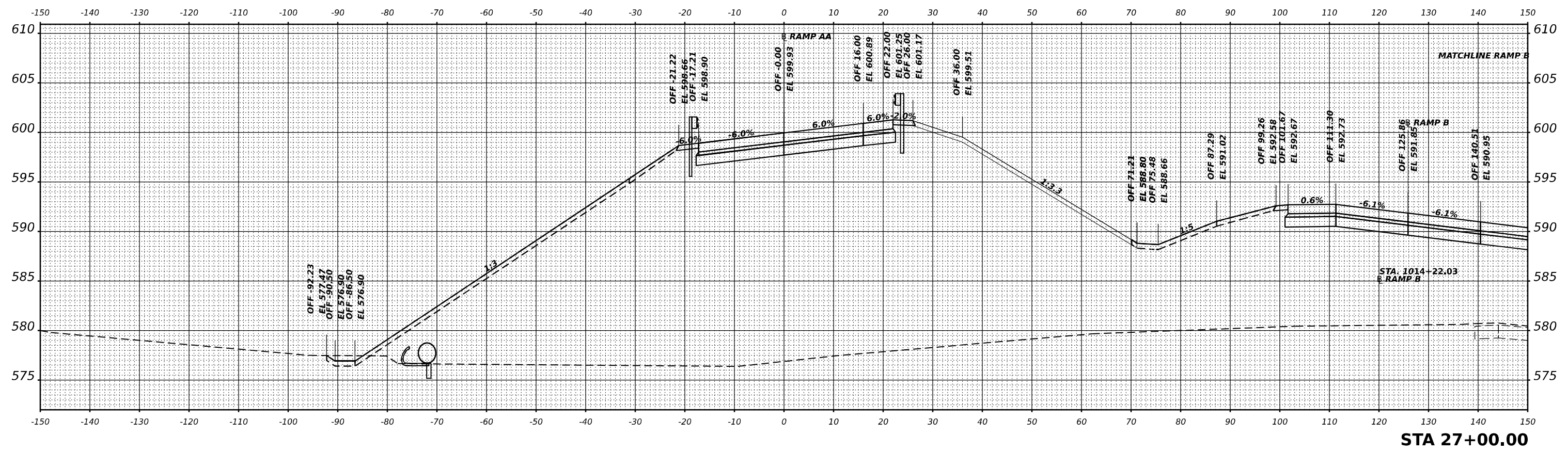
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	460
CONTRACT NO. 62R26				

ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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PLOT DATE = 5/31/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

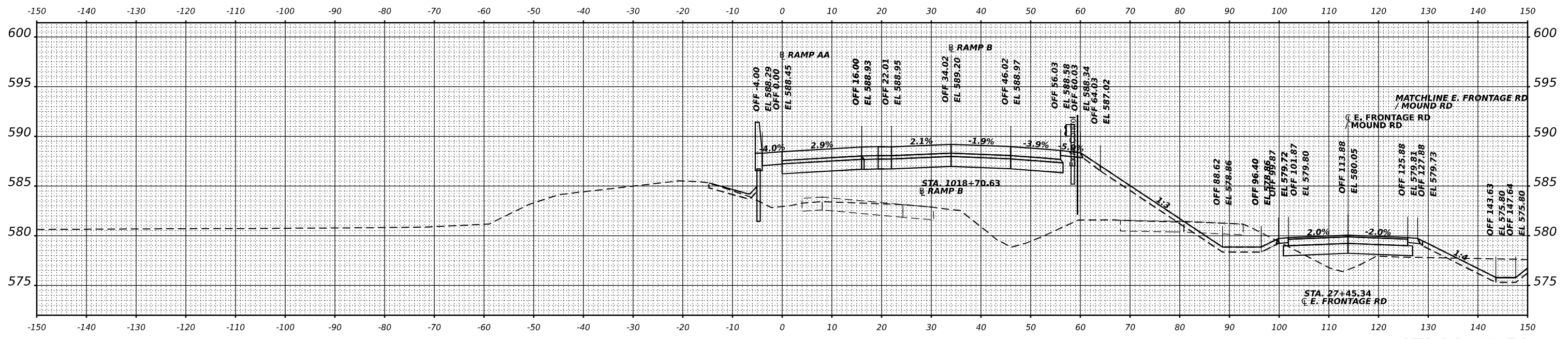
CROSS SECTIONS			
RAMP AA			
SCALE:	SHEET	OF	SHEETS
			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	462
CONTRACT NO. 62R26				
ILLINOIS				FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
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STA 31+09.56



USER NAME = jstrouse	DESIGNED -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP AA**

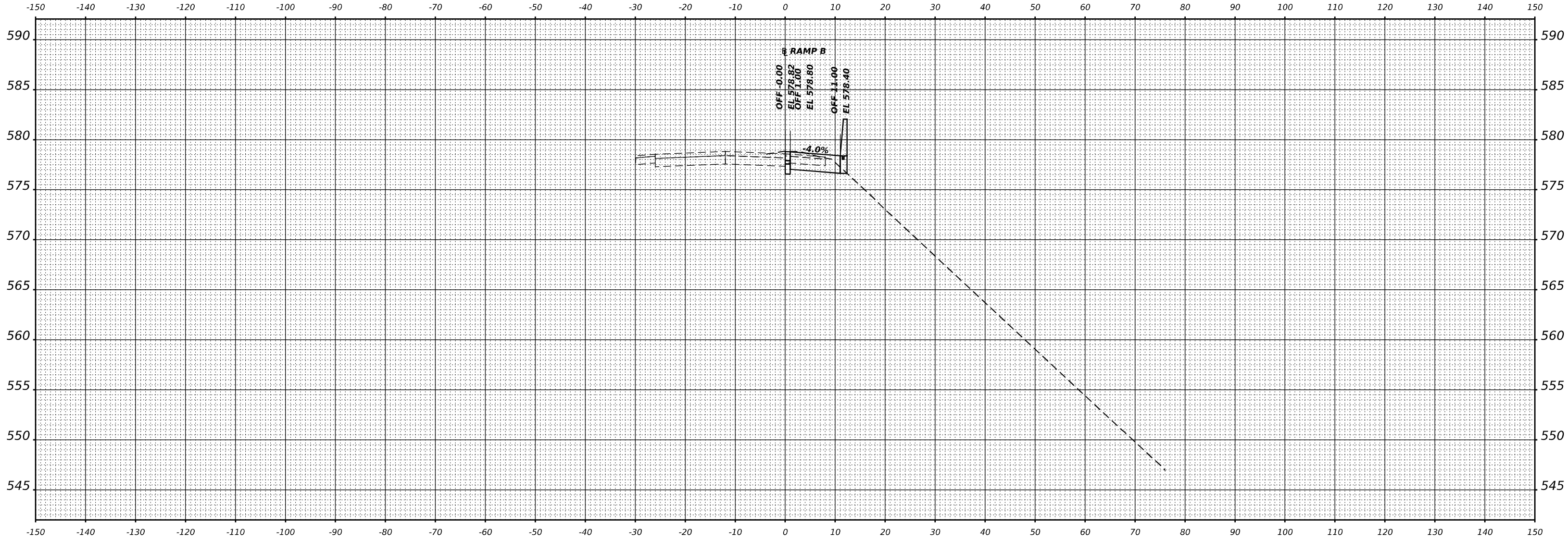
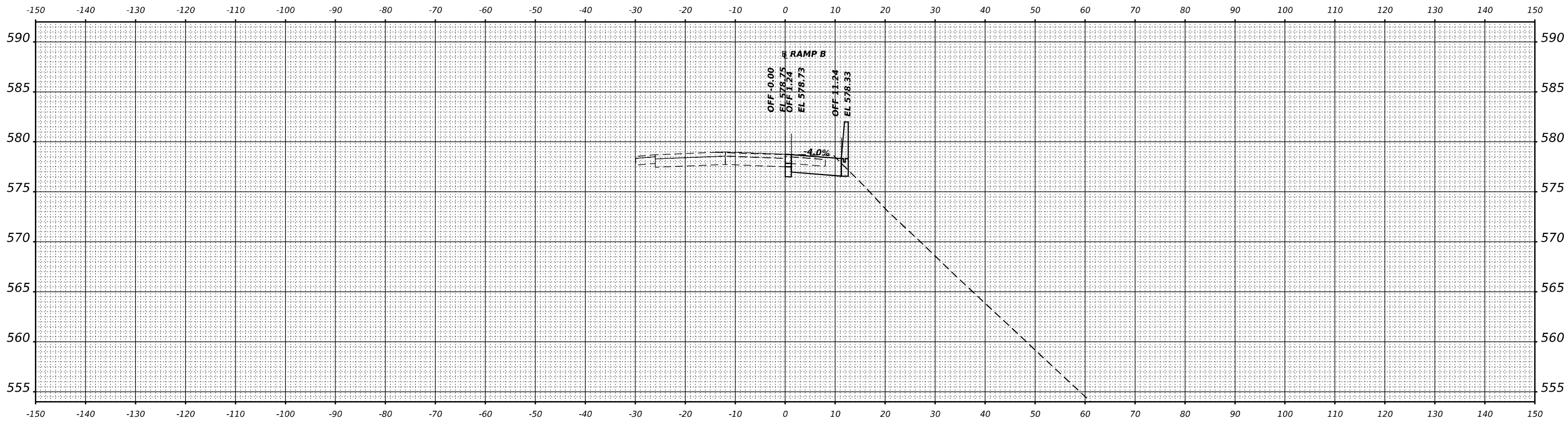
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	465
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

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DRAWN	-
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CHECKED	-
PLLOT DATE	= 5/31/2024
DATE	-
REVISED	-

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISED	-

REVISED	-
REVISED	-
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REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA.

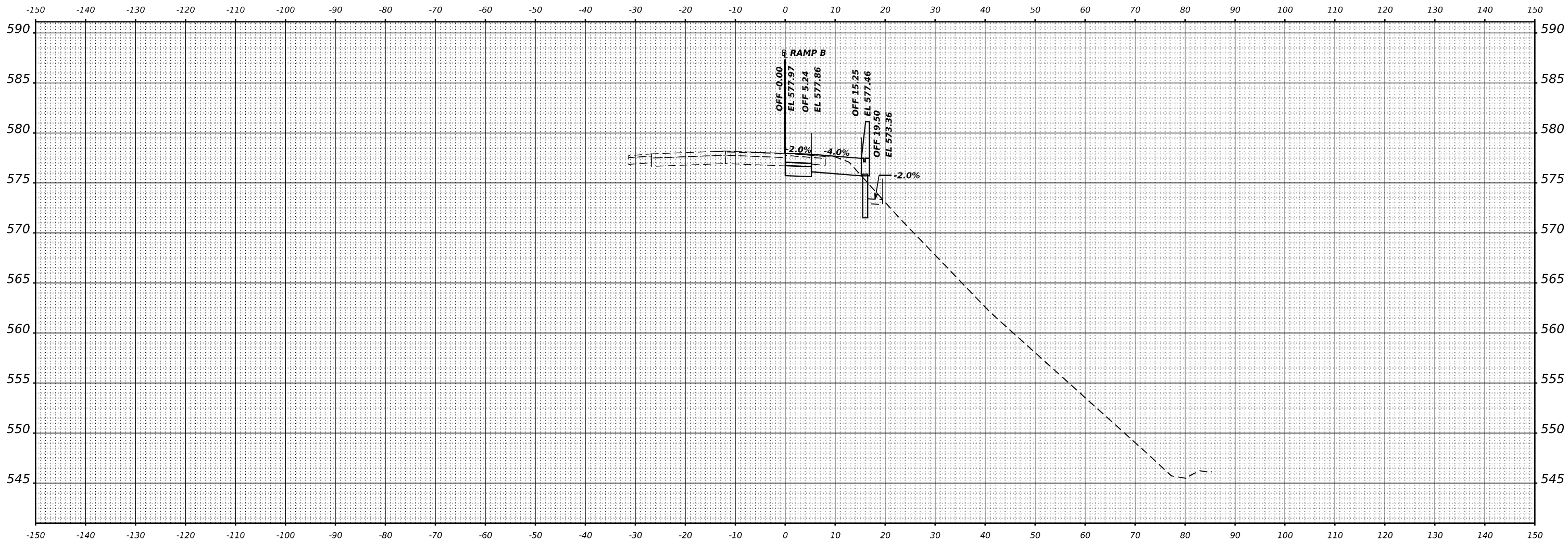
CROSS SECTIONS
 RAMP B AUX LANE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	466
				CONTRACT NO. 62R26
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

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STA 984+00.00



USER NAME =	Isaenz	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP B AUX LANE**

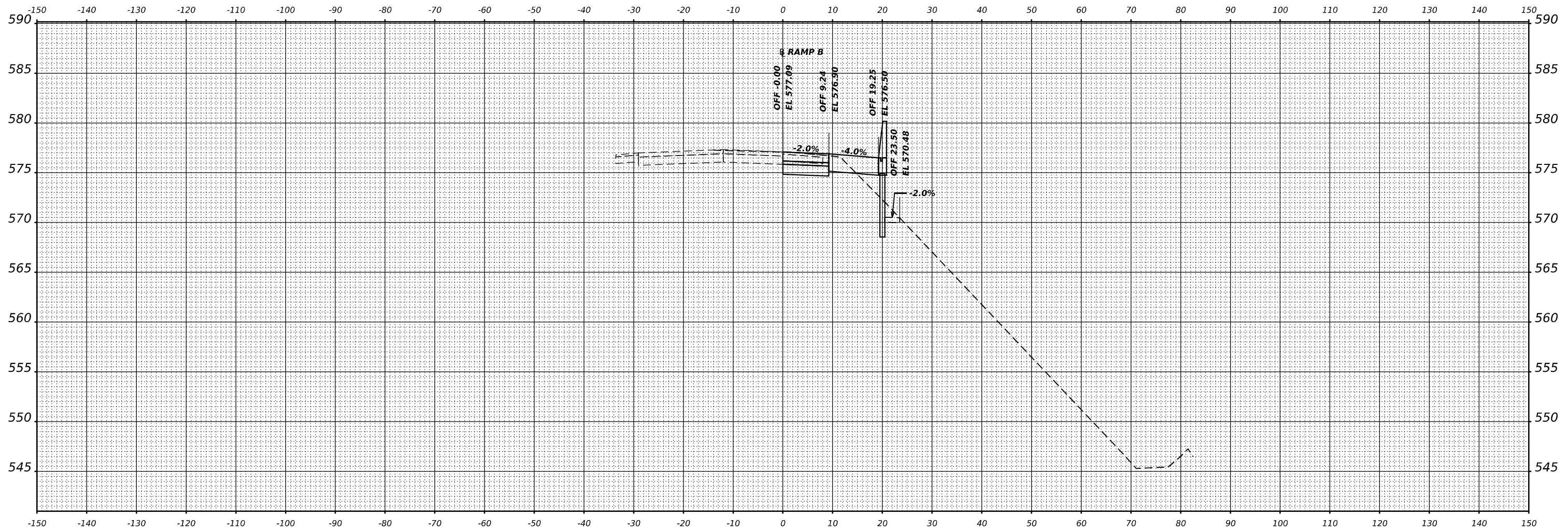
SCALE: SHEET OF SHEETS STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	467
				CONTRACT NO. 62R26
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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STA 985+00.00



USER NAME = Isaenz	DESIGNED -	REVISED -
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PLOT DATE = 6/14/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP B AUX LANE**

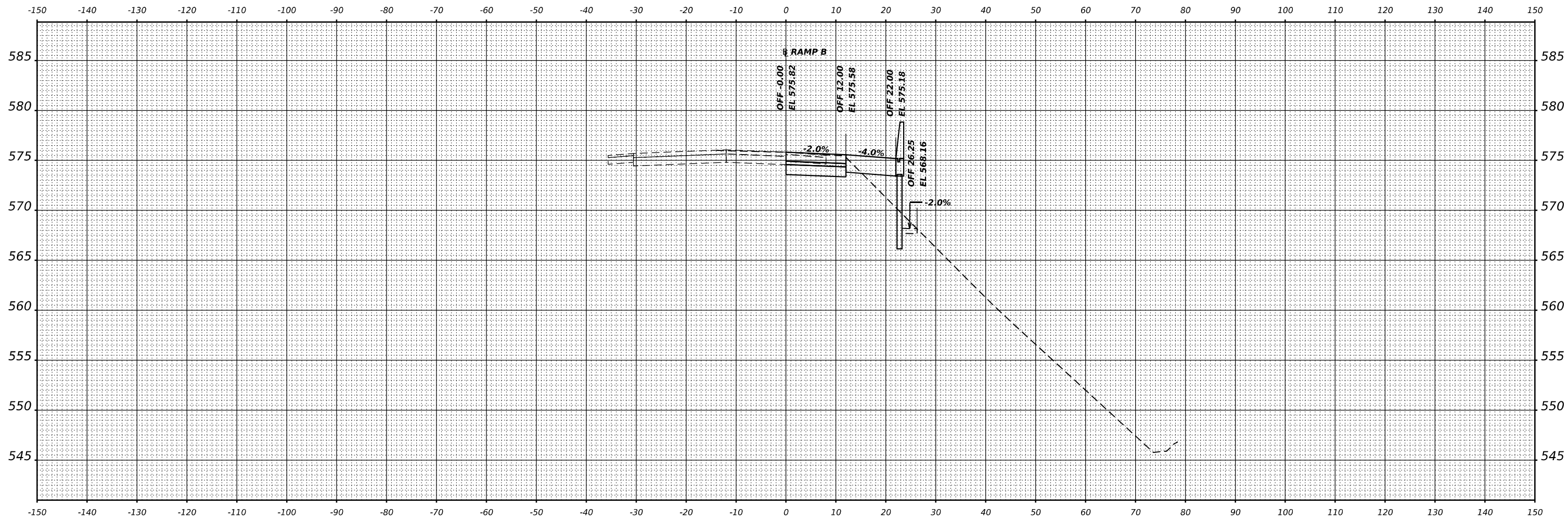
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	468
			CONTRACT NO. 62R26	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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STA 986+00.00



USER NAME = Isaenz	DESIGNED -	REVISED -
PLOT SCALE = 0.16666667" / in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA.

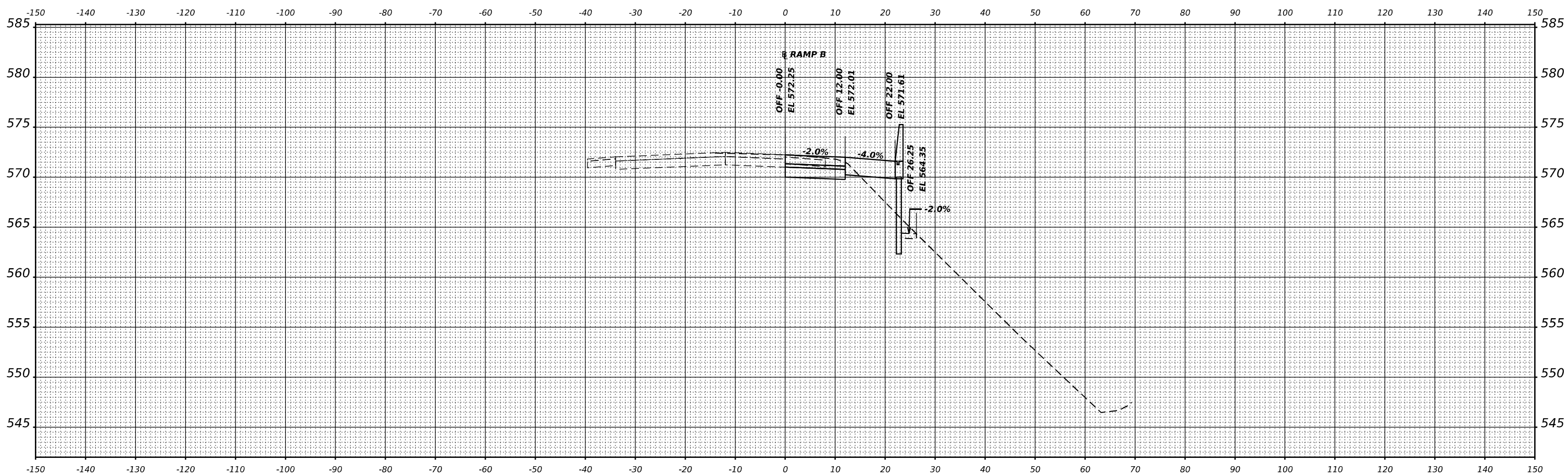
**CROSS SECTIONS
RAMP B AUX LANE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	469
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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STA 988+00.00

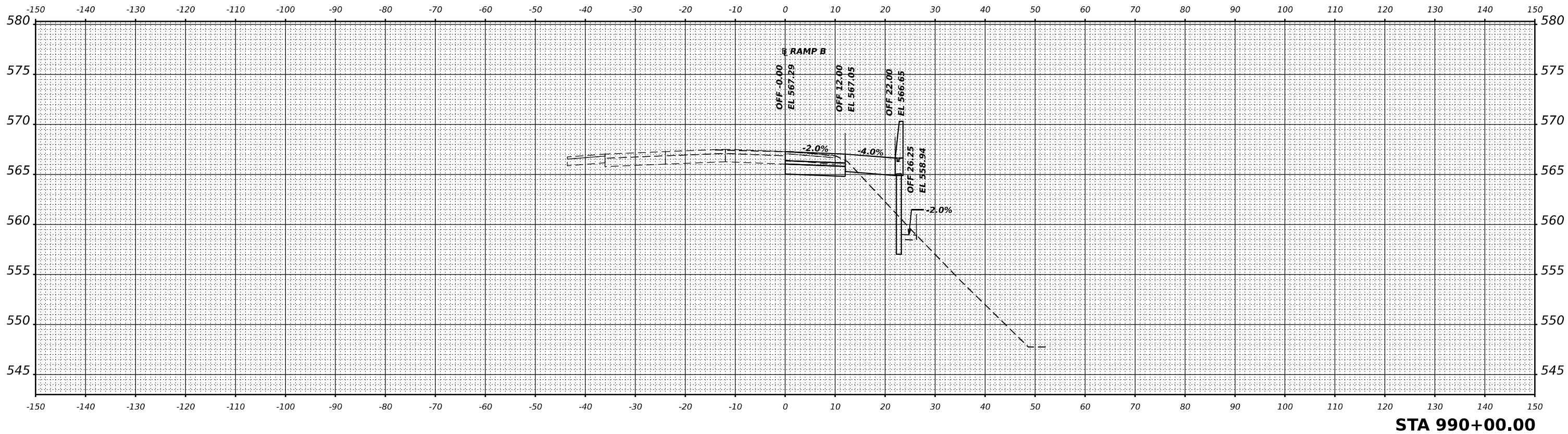


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

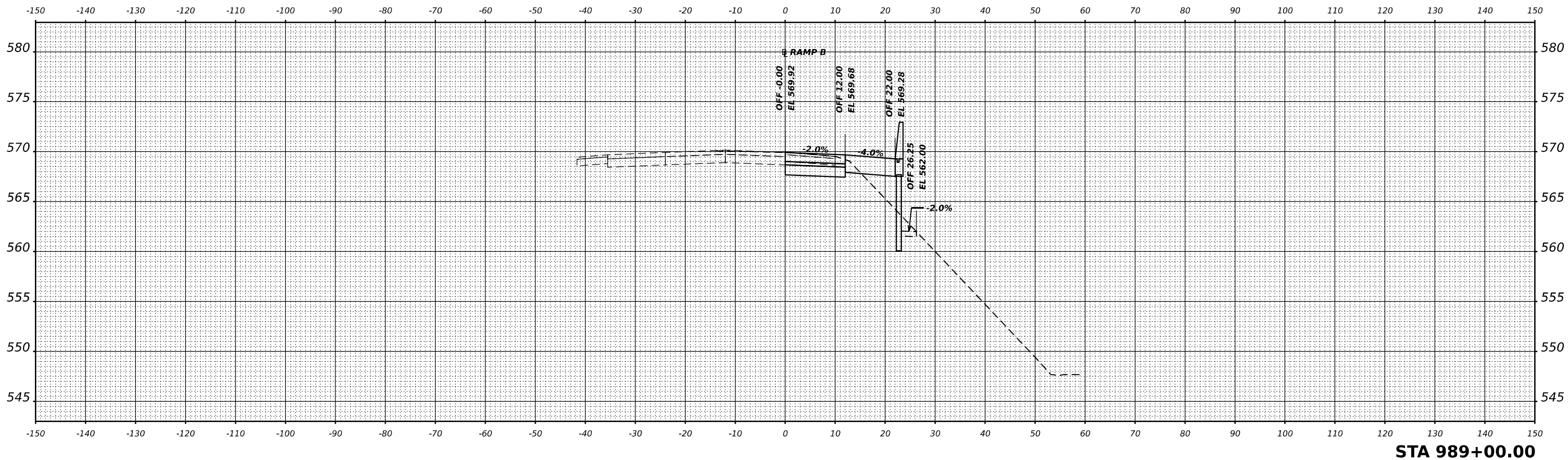
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CROSS SECTIONS		SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
		I-80	FAI 80 21 STRUCTURE 5	WILL	525	471
		CONTRACT NO. 62R26				
		ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



STA 990+00.00

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



STA 989+00.00

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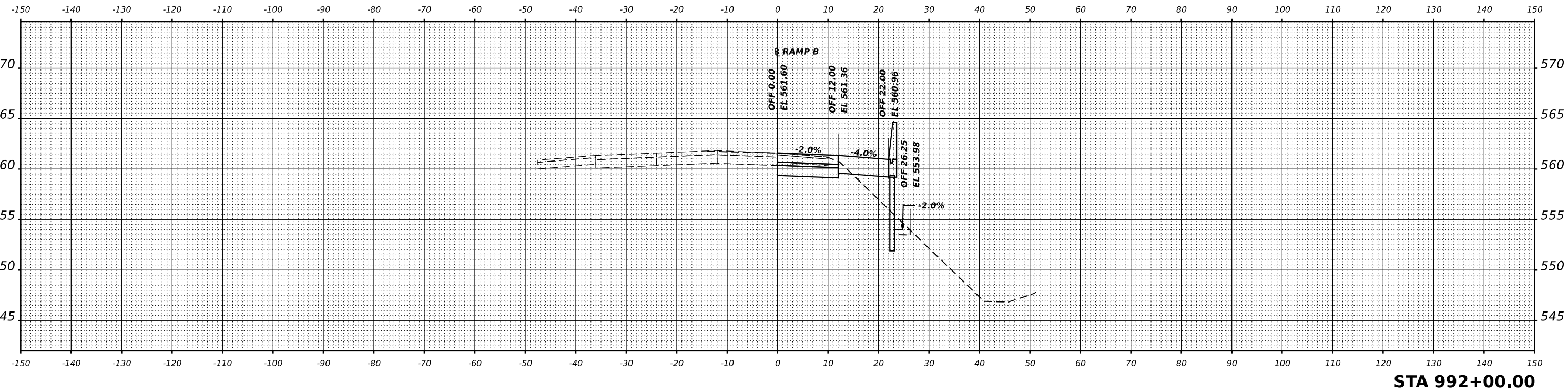
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA.

CROSS SECTIONS
RAMP B AUX LANE

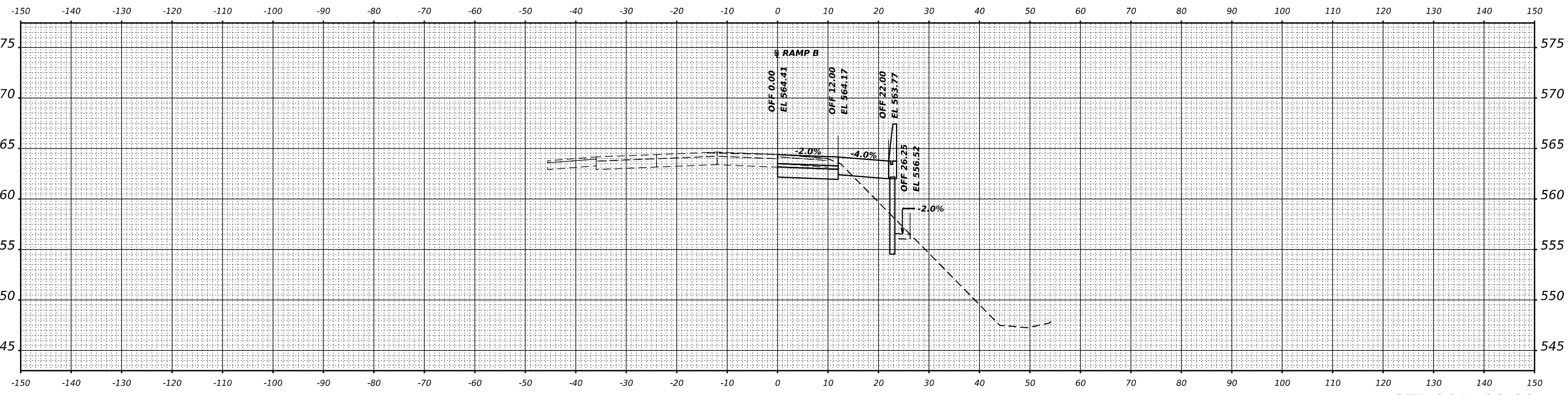
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	472
				CONTRACT NO. 62R26
ILLINOIS FED. AID PROJECT				

DATE	BY
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



STA 992+00.00

DATE	BY
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



STA 991+00.00

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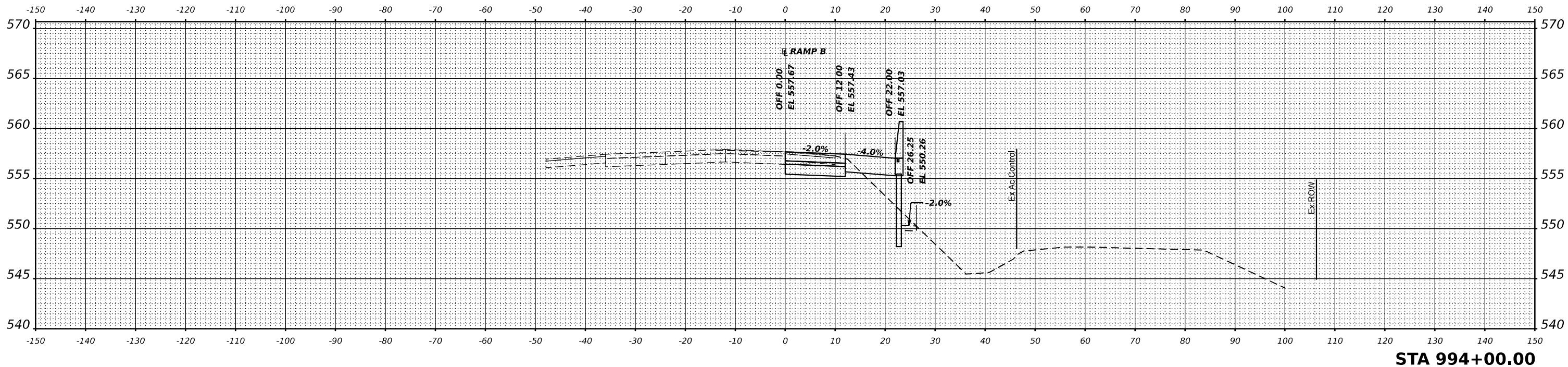
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.
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**CROSS SECTIONS
RAMP B AUX LANE**

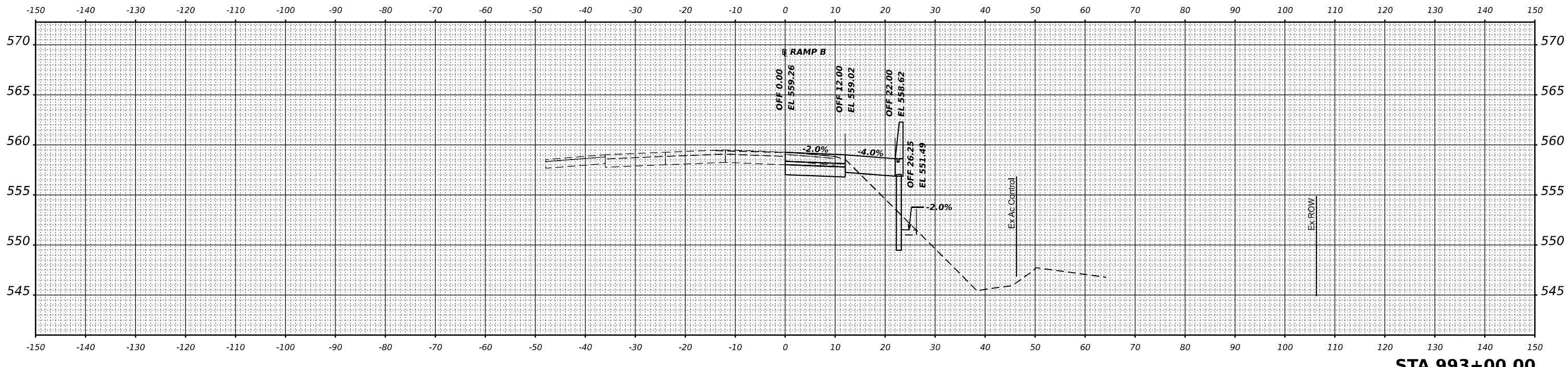
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I-80	FAI 80 21 STRUCTURE 5	WILL	525	473
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



STA 994+00.00

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



STA 993+00.00

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		DATE -		REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

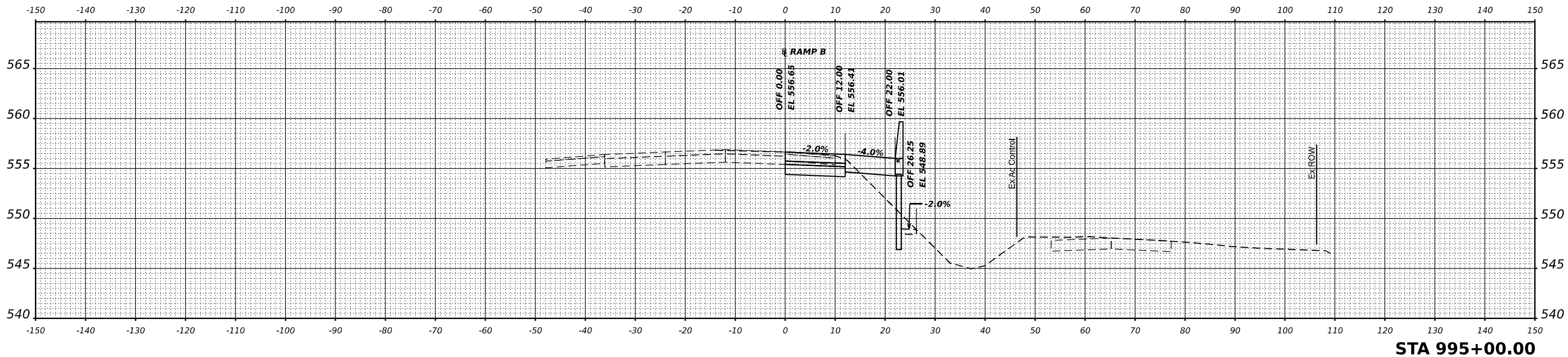
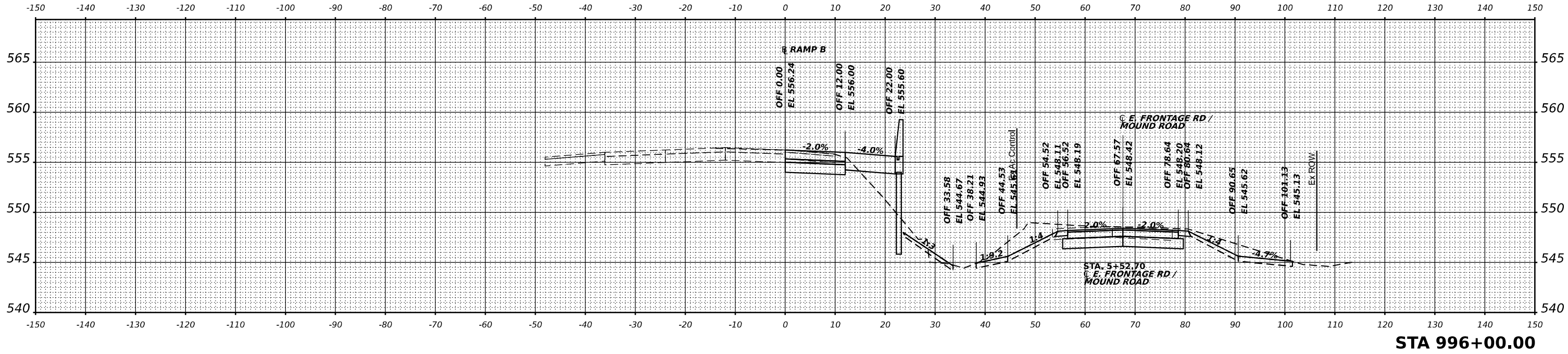
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SCALE:	SHEET	OF	SHEETS
			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	474
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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		DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.
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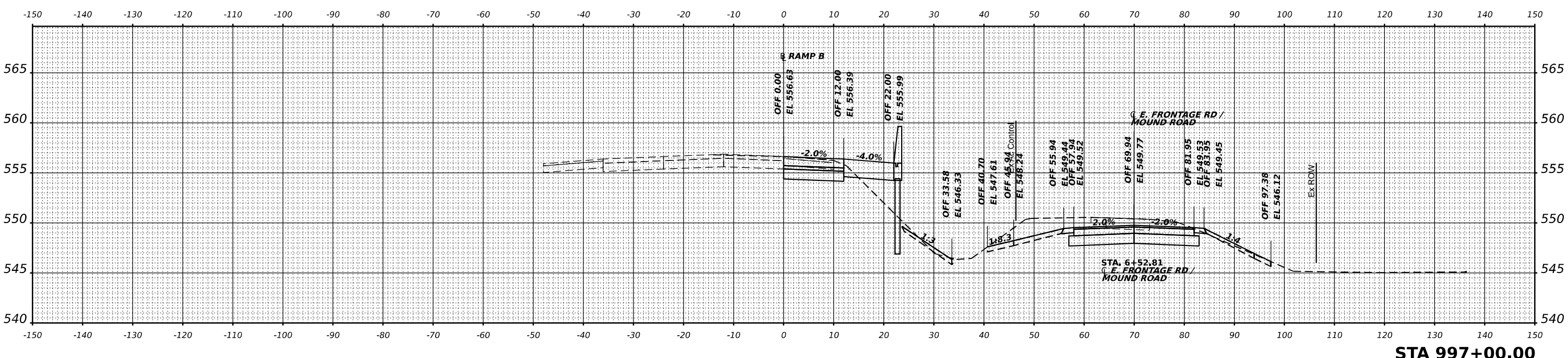
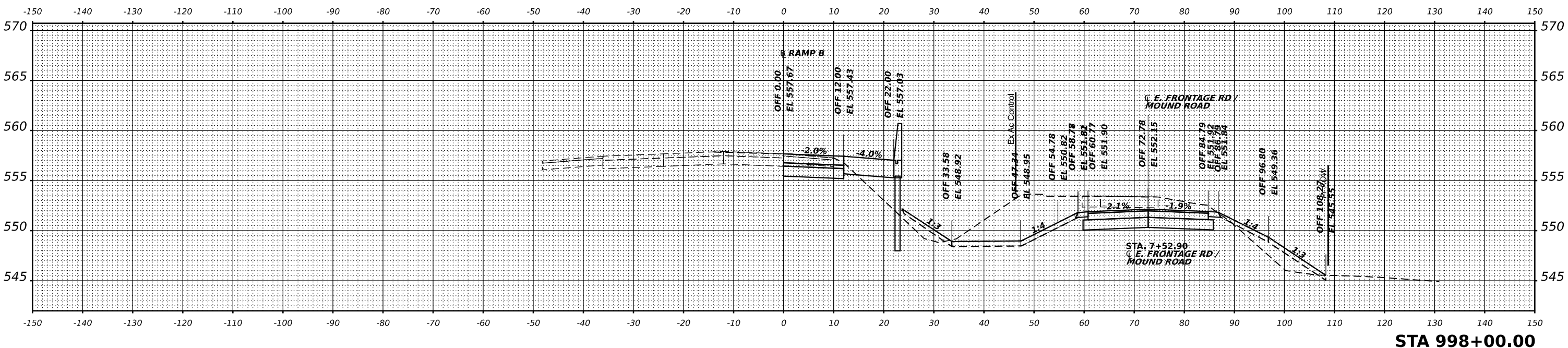
**CROSS SECTIONS
RAMP B AUX LANE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	475
			CONTRACT NO. 62R26	
			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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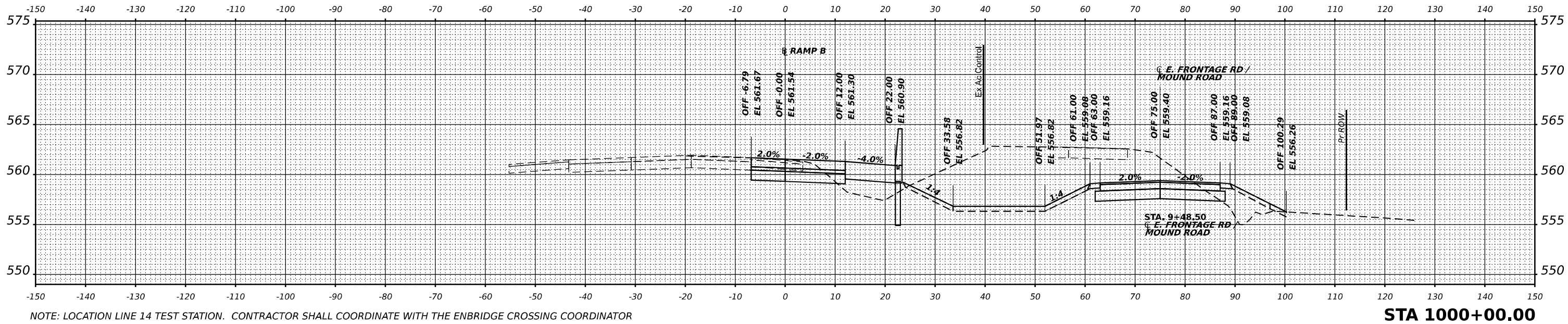
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP B AUX LANE**

SCALE: SHEET OF SHEETS STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

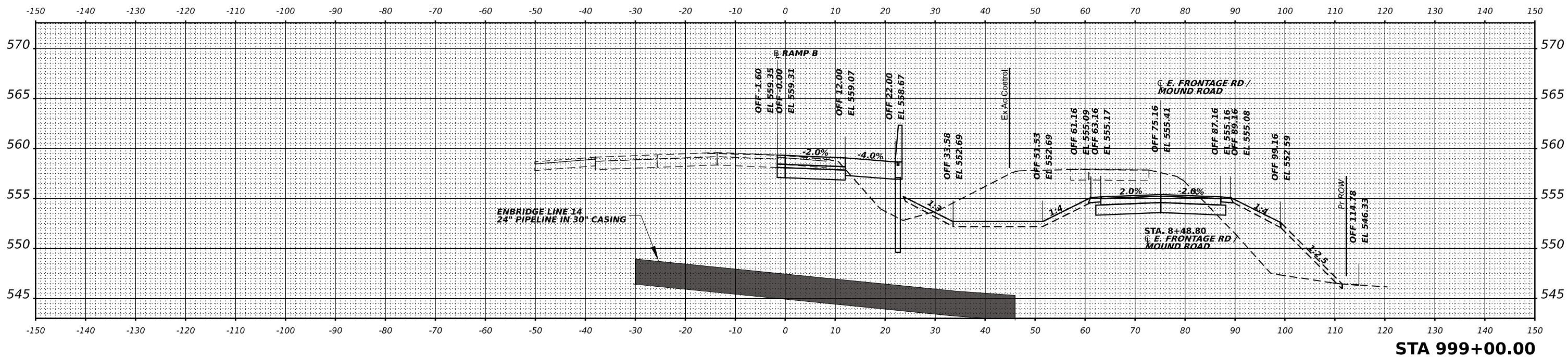
FINAL SURVEY	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



NOTE: LOCATION LINE 14 TEST STATION. CONTRACTOR SHALL COORDINATE WITH THE ENBRIDGE CROSSING COORDINATOR TO RETIRE THE TEST STATION. NOTE THE WIRES ARE CONNECTED TO PIPELINE - DO NOT PULL. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT IS INCLUDED IN THE CONTRACT PRICE FOR GAS/OIL PIPELINE PROTECTION

STA 1000+00.00

ORIGINAL SURVEY	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



STA 999+00.00



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PLOT SCALE = 0.16666667' / in.	DRAWN -	REVISED -
PLOT DATE = 6/4/2024	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B AUX LANE

SCALE: SHEET OF SHEETS STA.

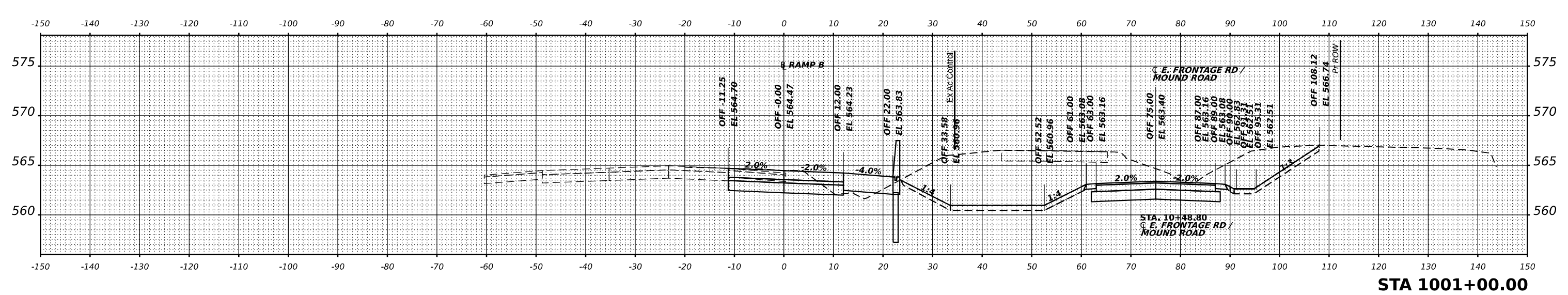
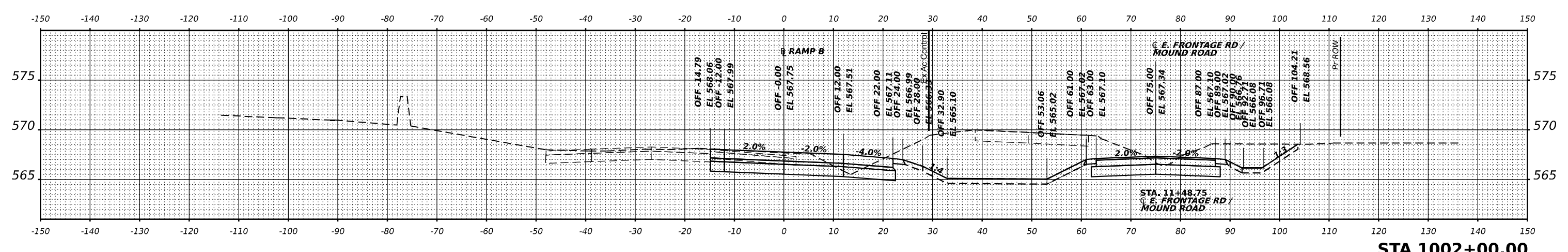
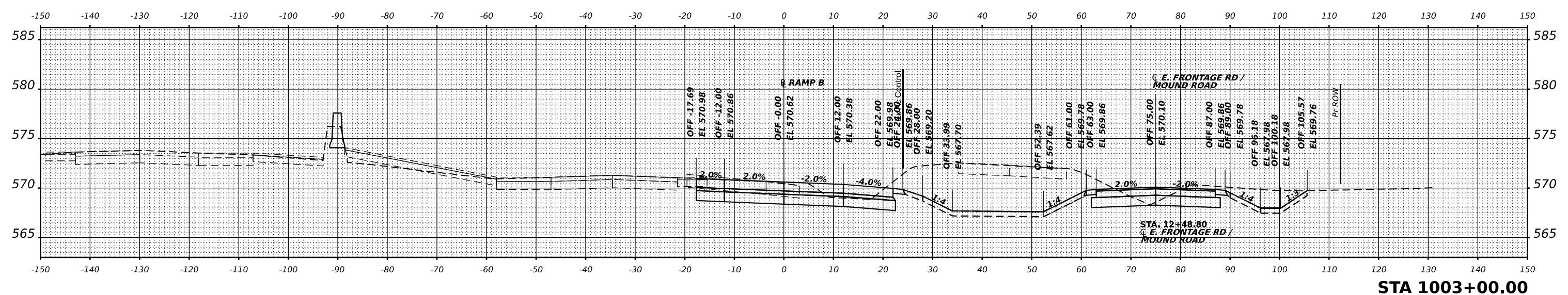
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	477
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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USER NAME	= jstrouse	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.
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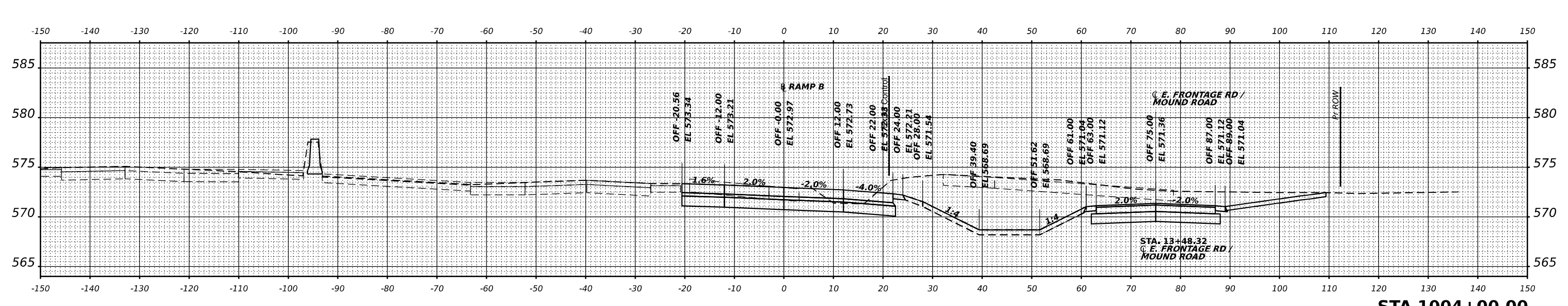
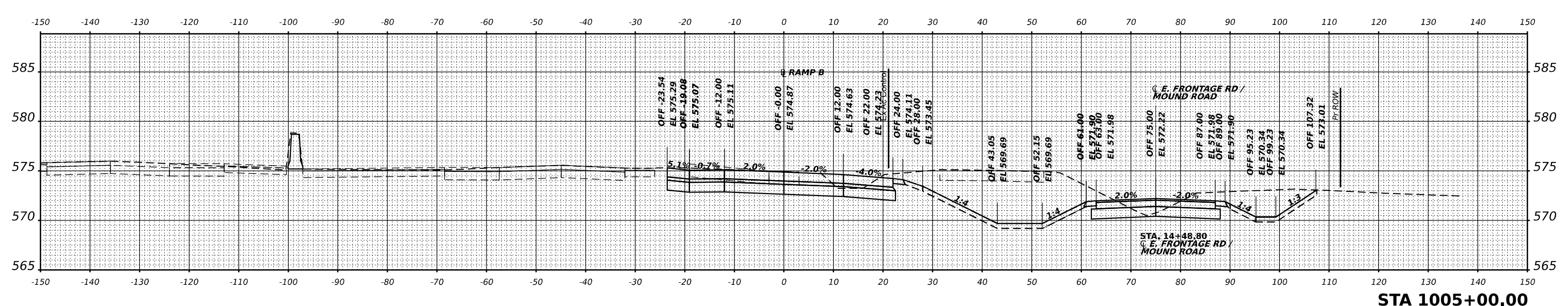
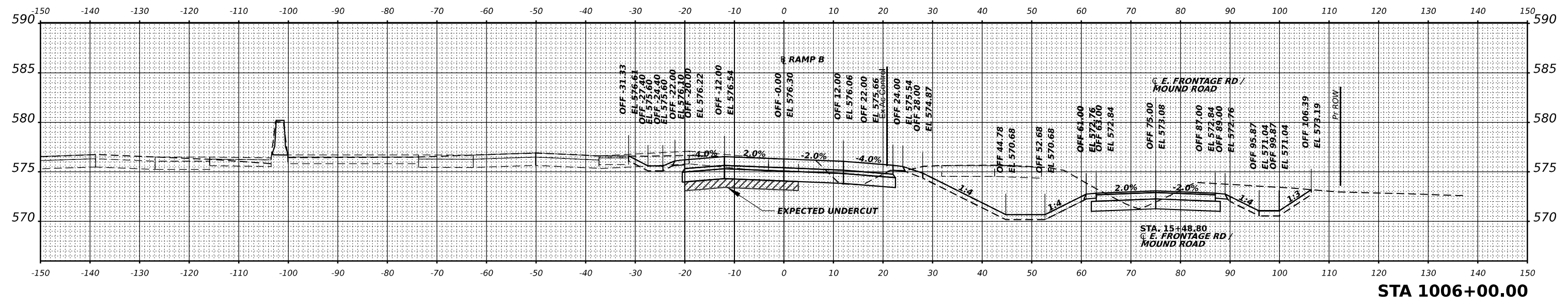
**CROSS SECTIONS
RAMP B**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	478
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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USER NAME	= jstrouse	DESIGNED	-	REVISED	-
PLLOT SCALE	= 0.16666667' / in.	DRAWN	-	REVISED	-
PLLOT DATE	= 5/31/2024	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.
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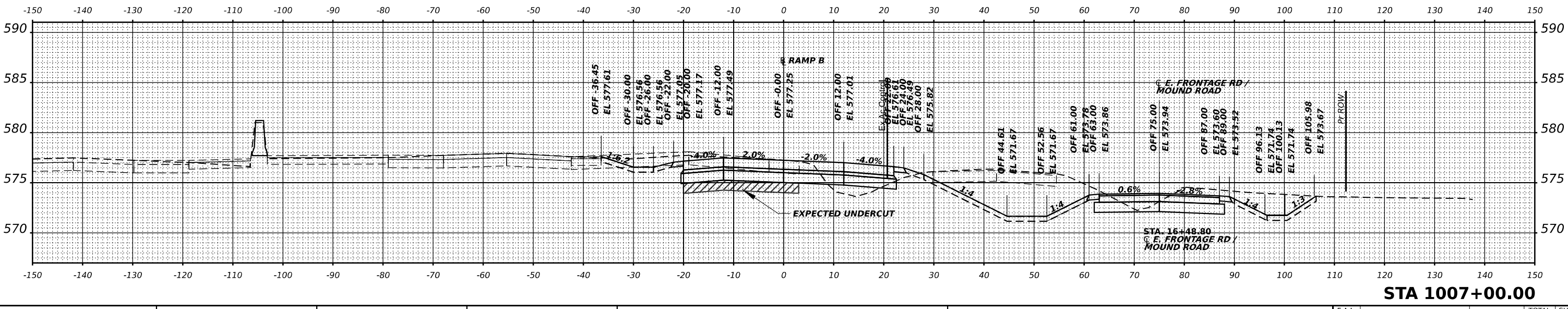
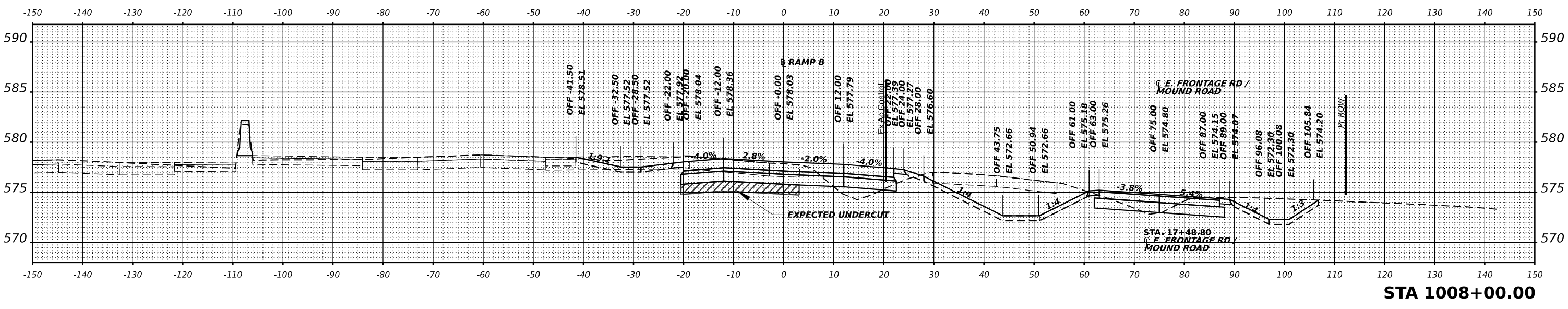
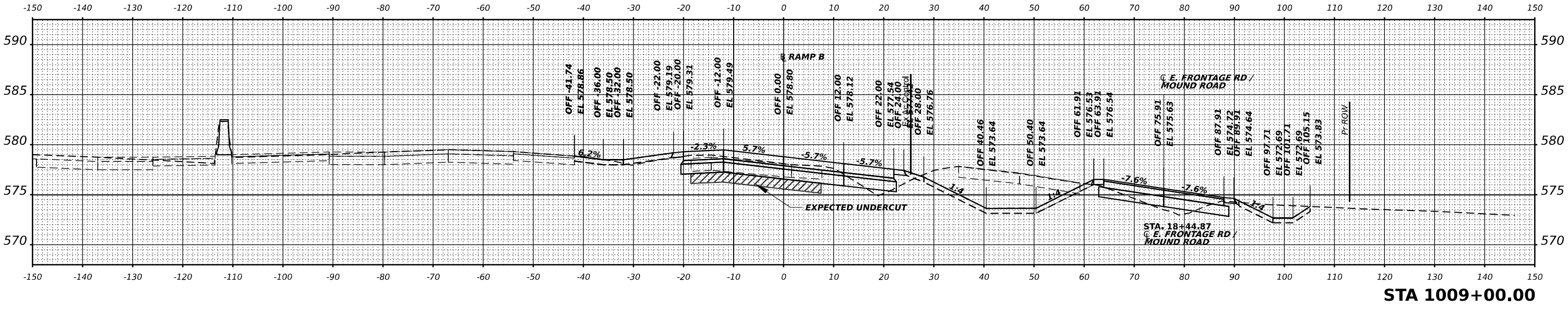
**CROSS SECTIONS
 RAMP B**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	479
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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USER NAME	= jstrouse	DESIGNED	-	REVISED	-
PLLOT SCALE	= 0.16666667"/in.	DRAWN	-	REVISED	-
PLLOT DATE	= 5/31/2024	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.
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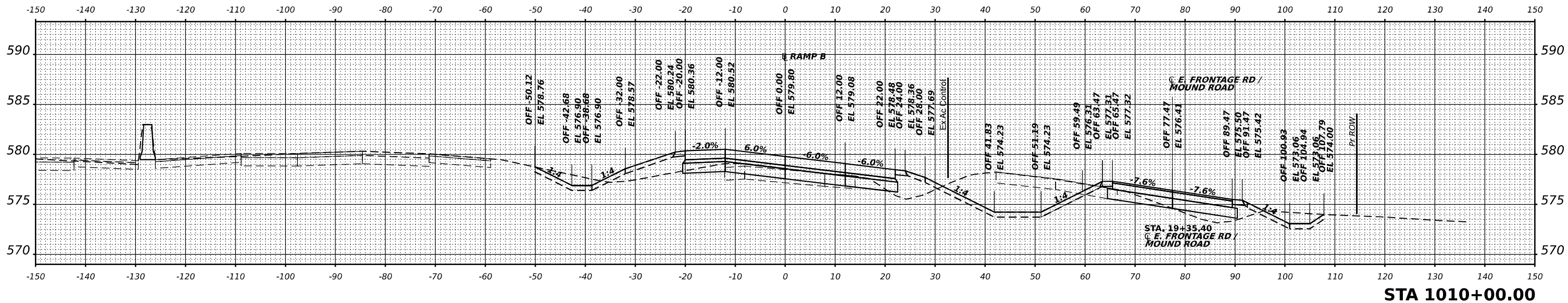
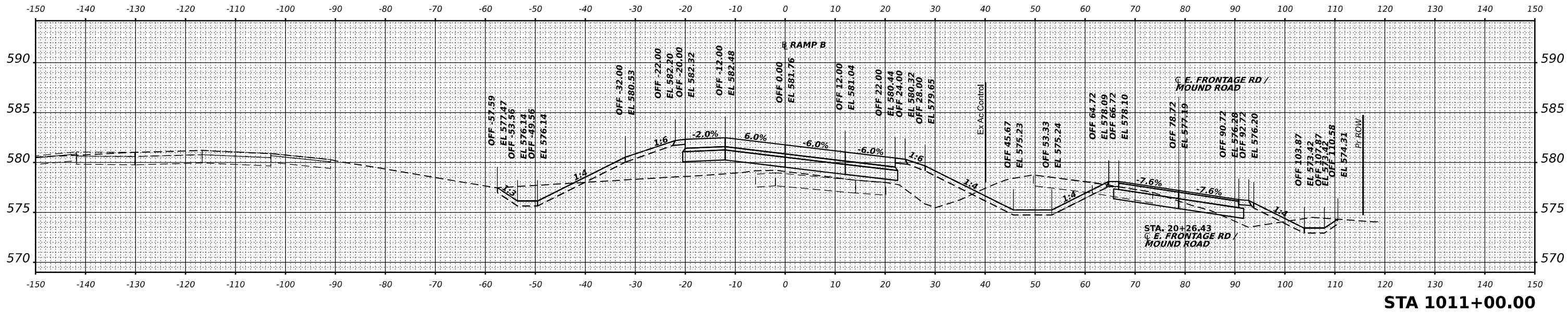
**CROSS SECTIONS
RAMP B**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	480
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
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	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
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USER NAME	= jstrouse
PLOT SCALE	= 0.16666667" / in.
PLOT DATE	= 5/31/2024

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP B**

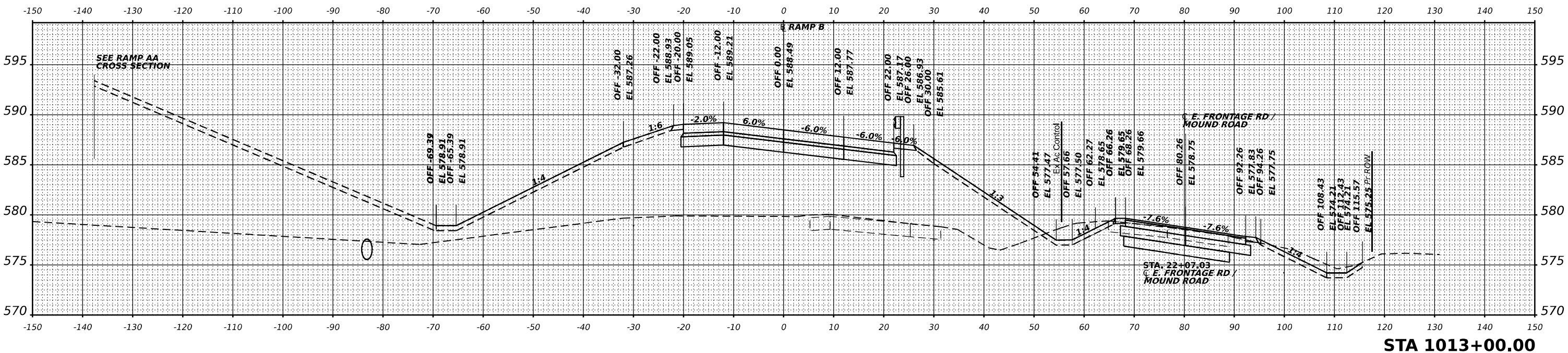
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	481
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

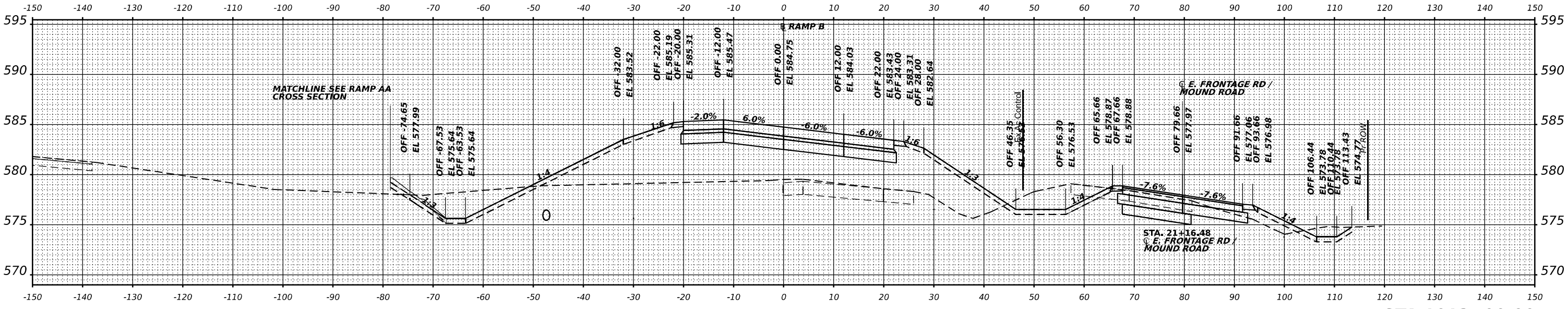
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SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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STA 1013+00.00



STA 1012+00.00



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PLOT SCALE	= 0.16666667' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 5/31/2024	DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP B**

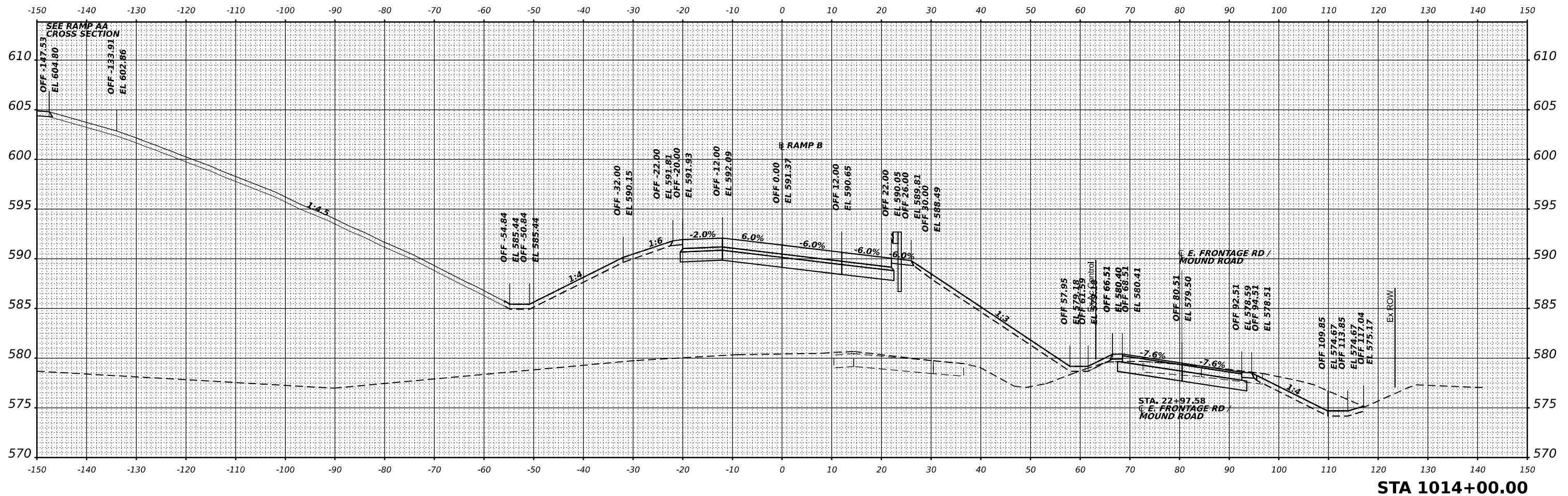
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	482
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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STA 1014+00.00



USER NAME = jstrouse	DESIGNED -	REVISED -
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PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

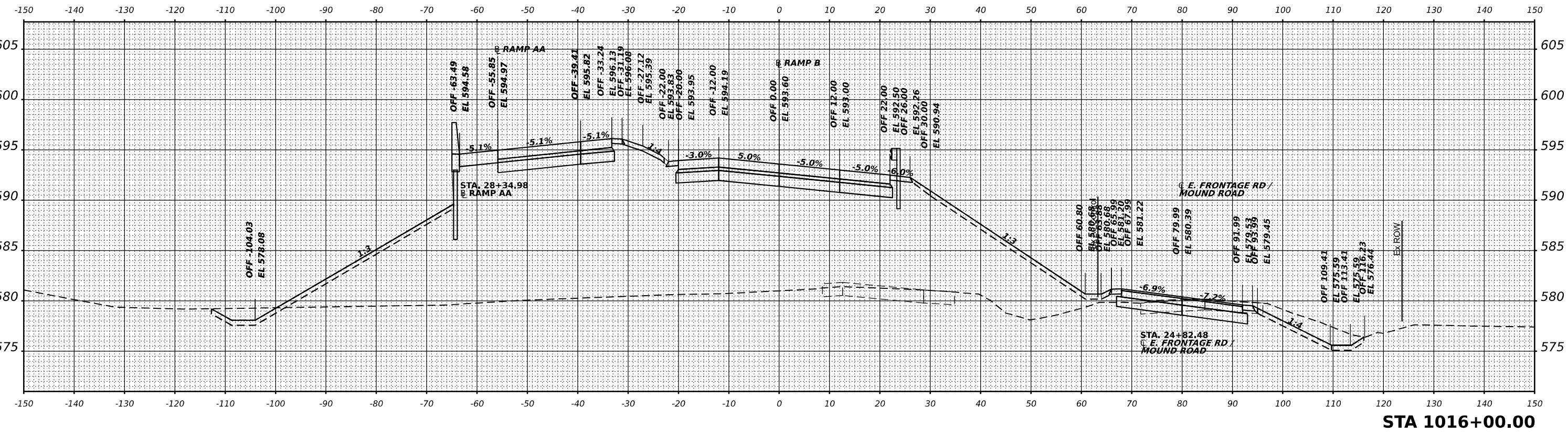
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP B**

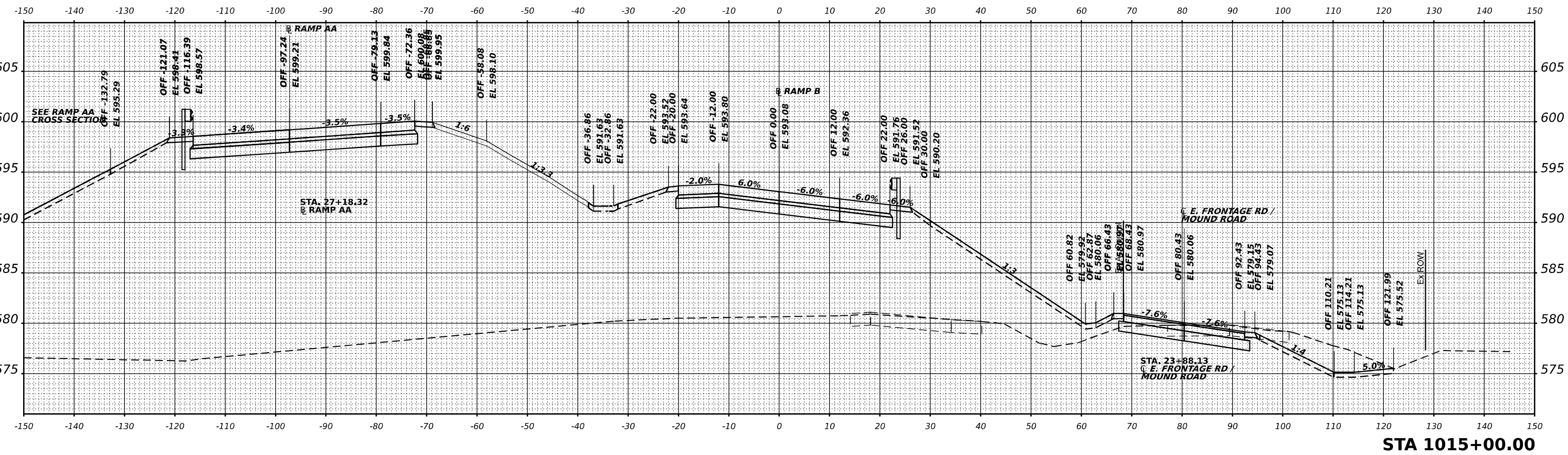
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	483
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	



ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	



USER NAME = jstrouse	DESIGNED -	REVISED -
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PLLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP B**

SCALE: SHEET OF SHEETS STA.

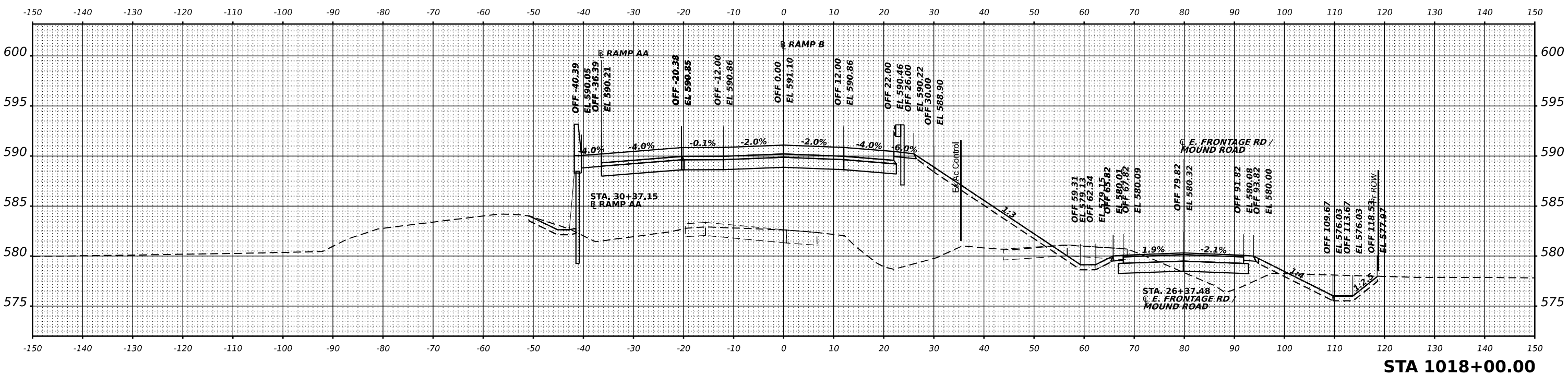
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	484
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

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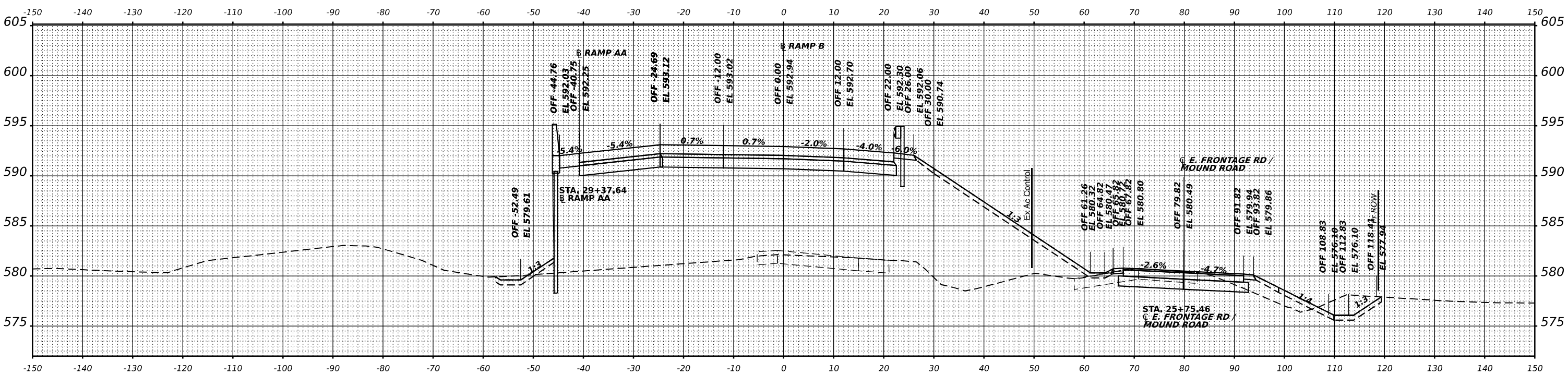
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NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

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STA 1018+00.00



STA 1017+00.00



USER NAME = jstrouse	DESIGNED -	REVISED -
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PLOT SCALE = 0.16666667' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP B**

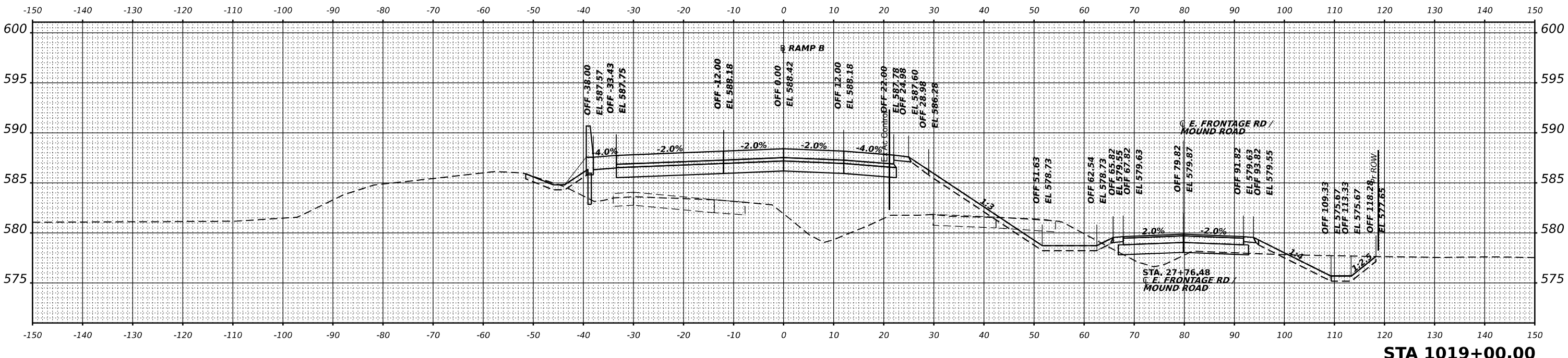
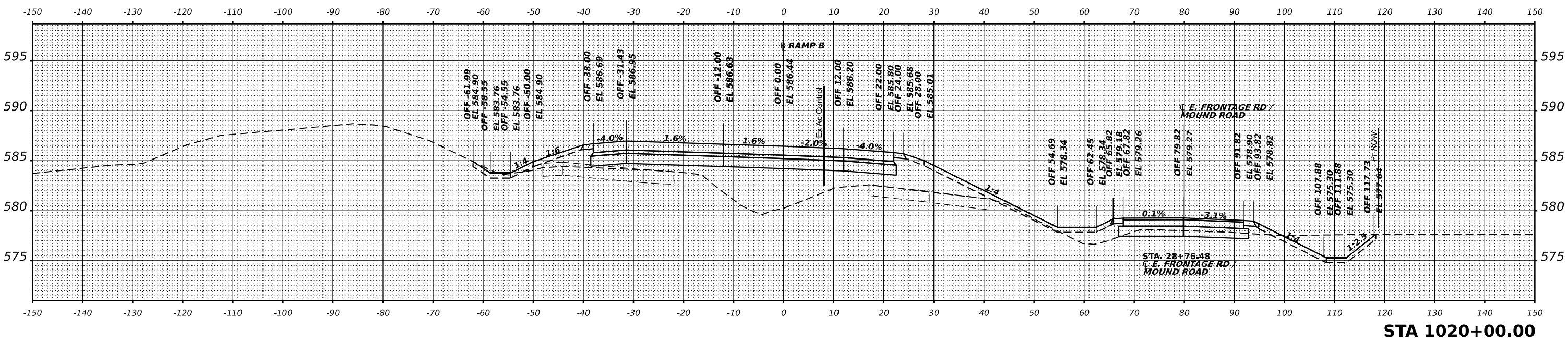
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	485
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

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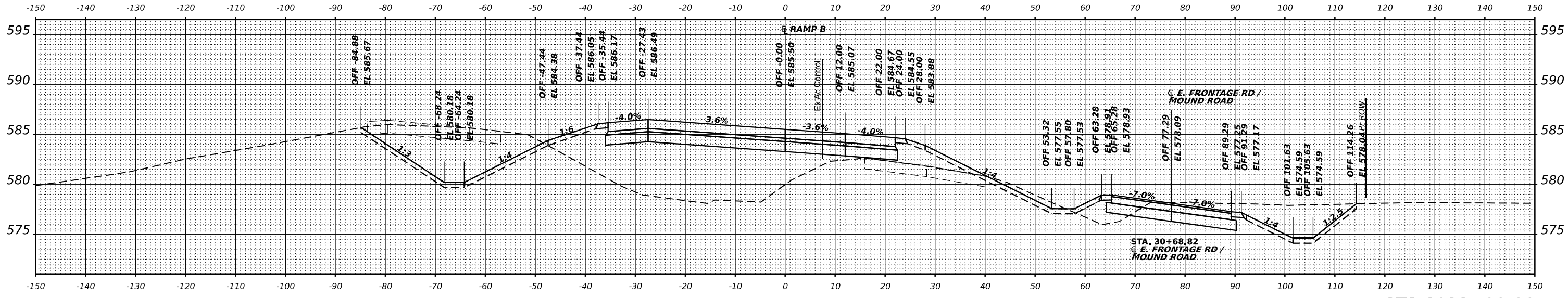
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PLOT DATE	= 5/31/2024	DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
RAMP B			
SCALE:	SHEET	OF	SHEETS
			STA.

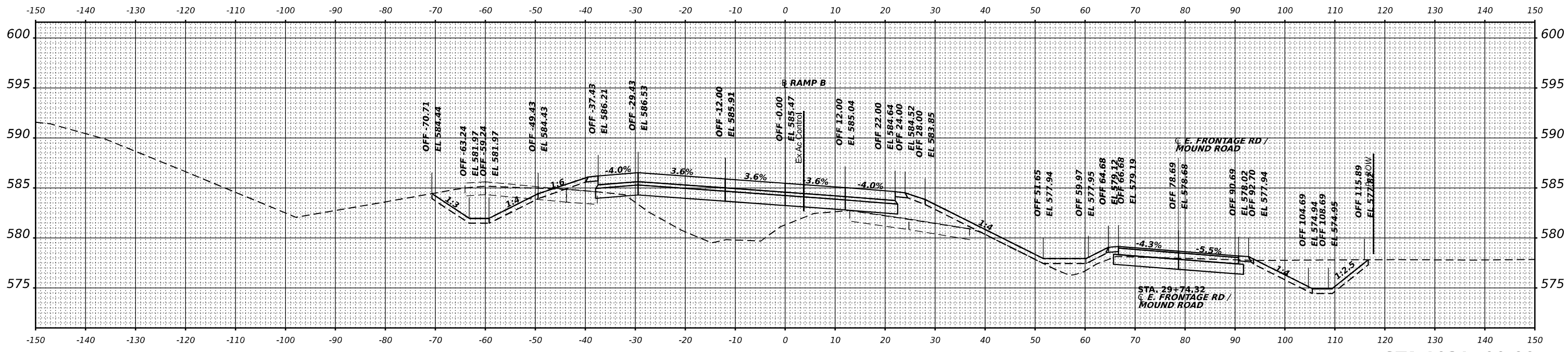
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	486
CONTRACT NO. 62R26				
ILLINOIS				FED. AID PROJECT

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



STA 1022+00.00

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



STA 1021+00.00



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		DRAWN	-	REVISED	-
PLOT SCALE	= 0.16666667' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 5/31/2024	DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP B**

SCALE: SHEET OF SHEETS STA.

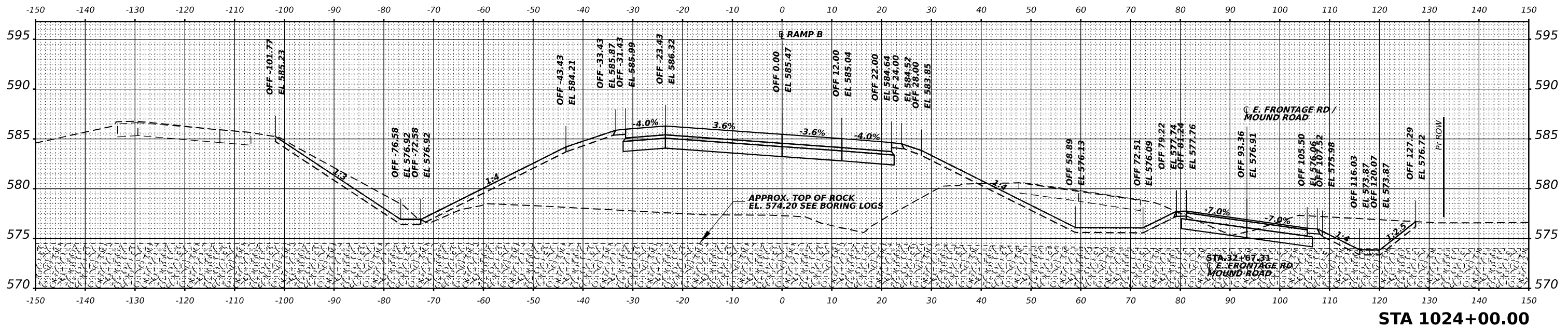
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	487
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

MODEL: PBL_Ramp B - 1021+00.00
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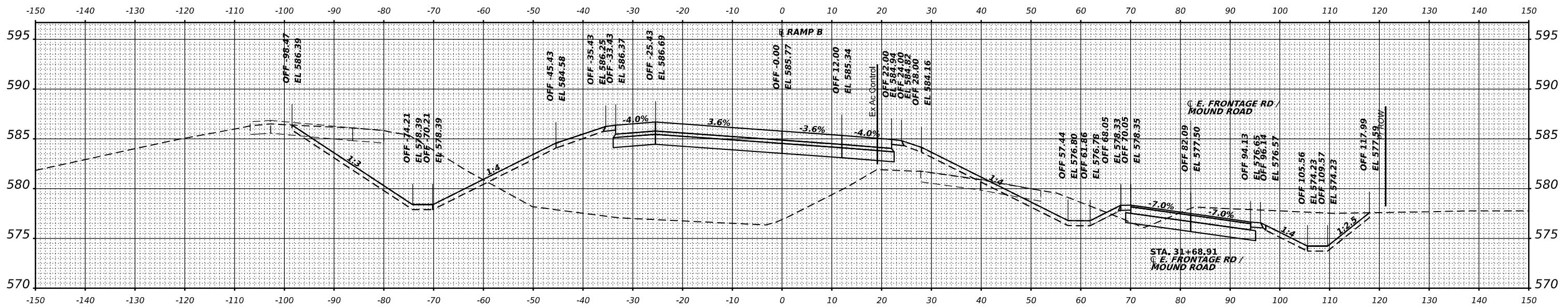
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

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STA 1024+00.00



STA 1023+00.00



USER NAME	= jstrouse	DESIGNED	-	REVISED	-
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PLOT DATE	= 5/31/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

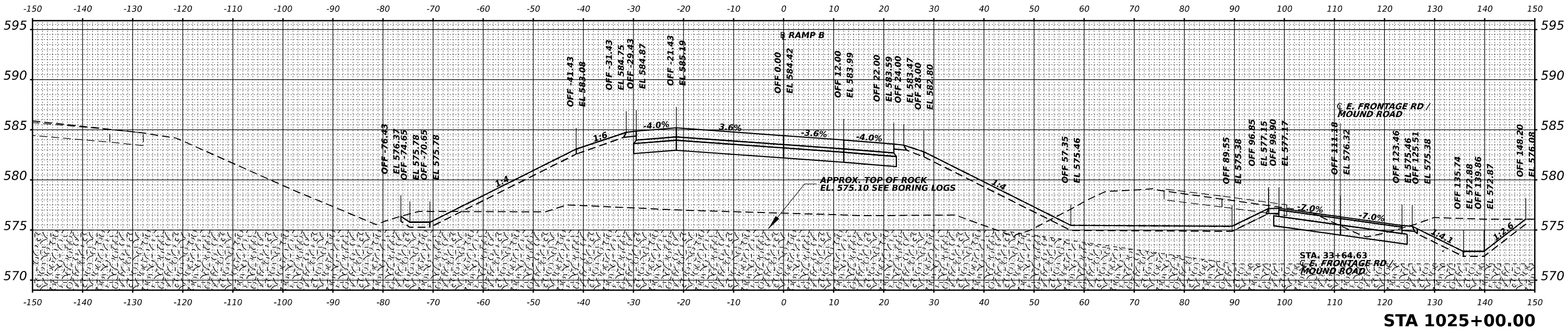
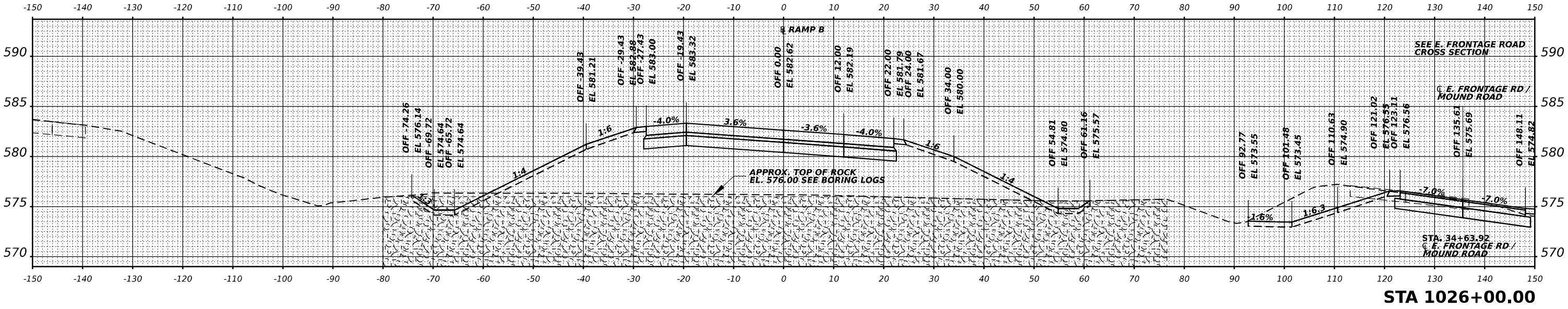
CROSS SECTIONS			
RAMP B			
SCALE:	SHEET	OF	SHEETS
			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	488
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 0.16666667" / in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.

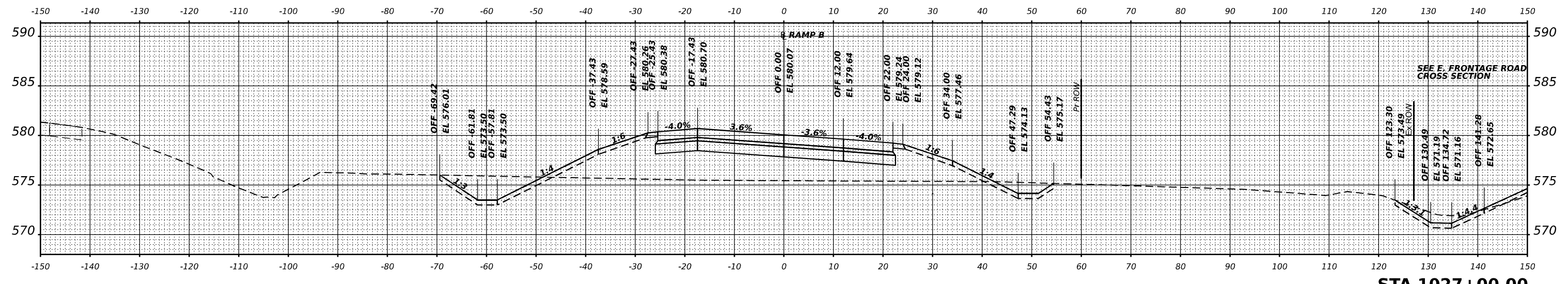
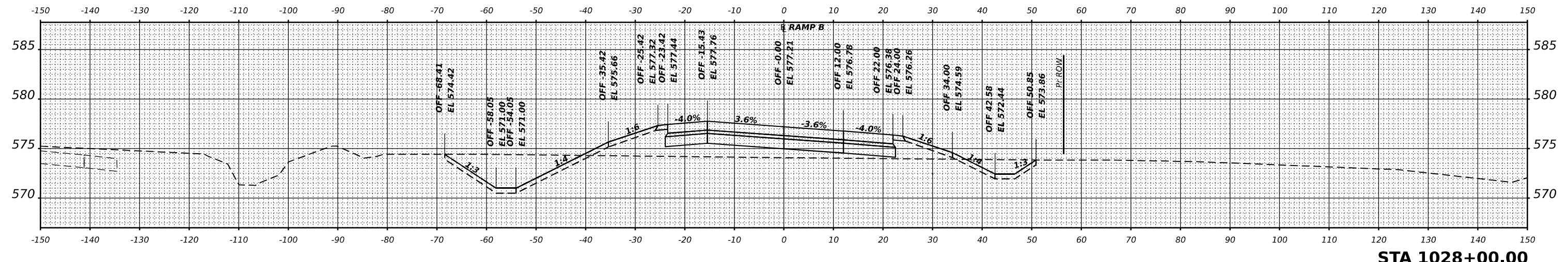
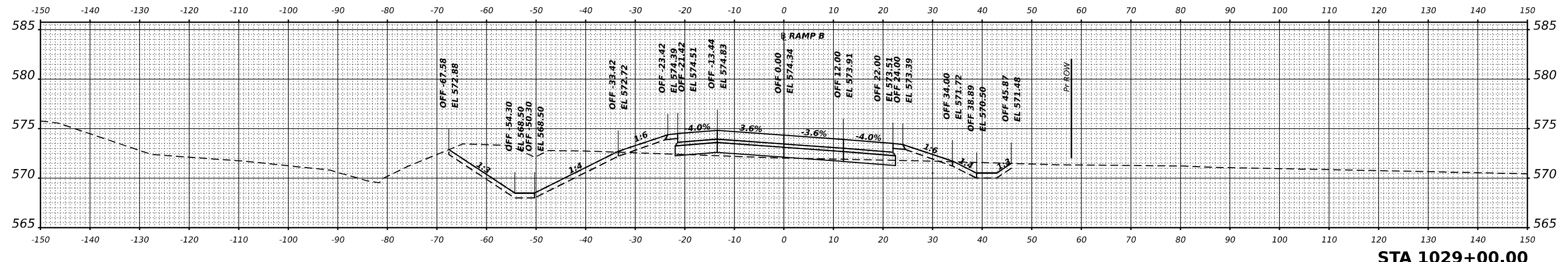
**CROSS SECTIONS
RAMP B**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	489
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

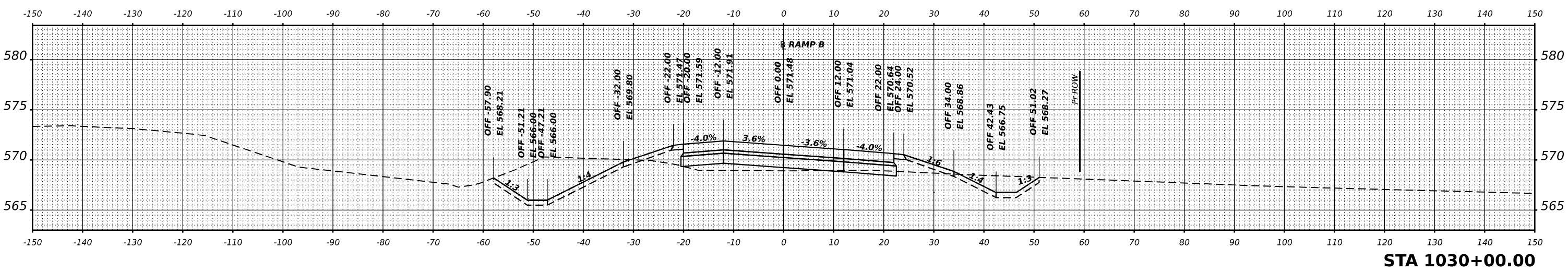
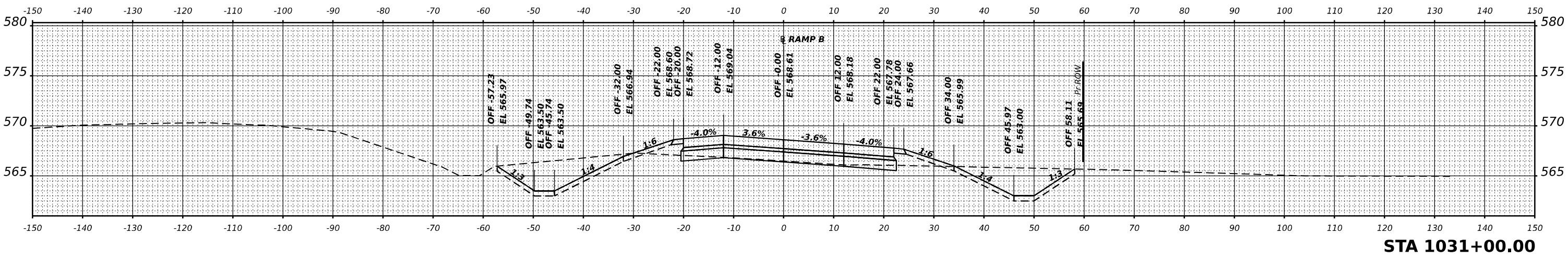
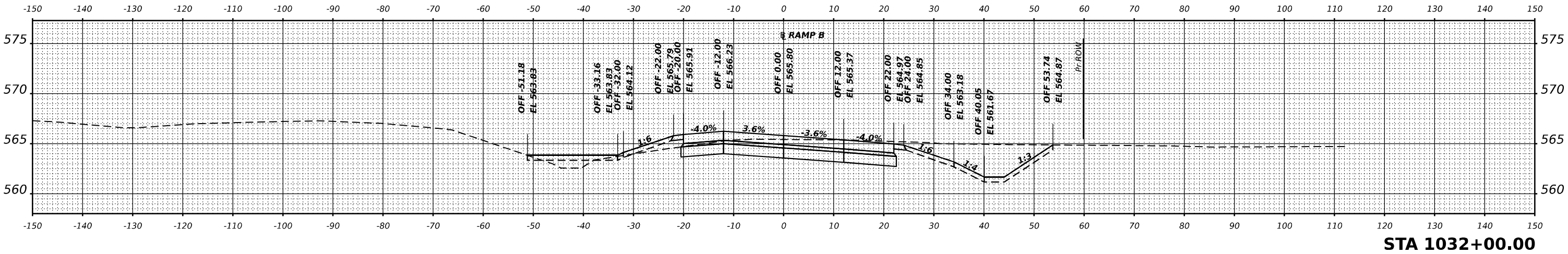
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RAMP B			
SCALE:	SHEET	OF	SHEETS
			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	490
CONTRACT NO. 62R26				
ILLINOIS				FED. AID PROJECT

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

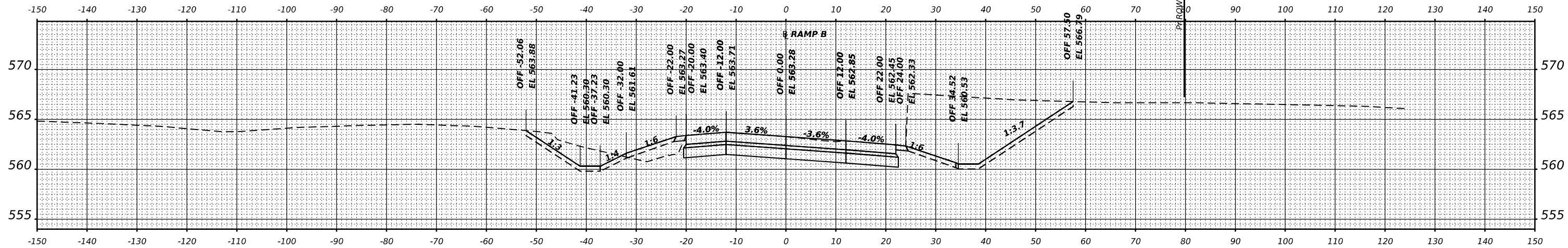
CROSS SECTIONS			
RAMP B			
SCALE:	SHEET	OF	SHEETS
			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	491
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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STA 1033+00.00



USER NAME = jstrouse	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP B**

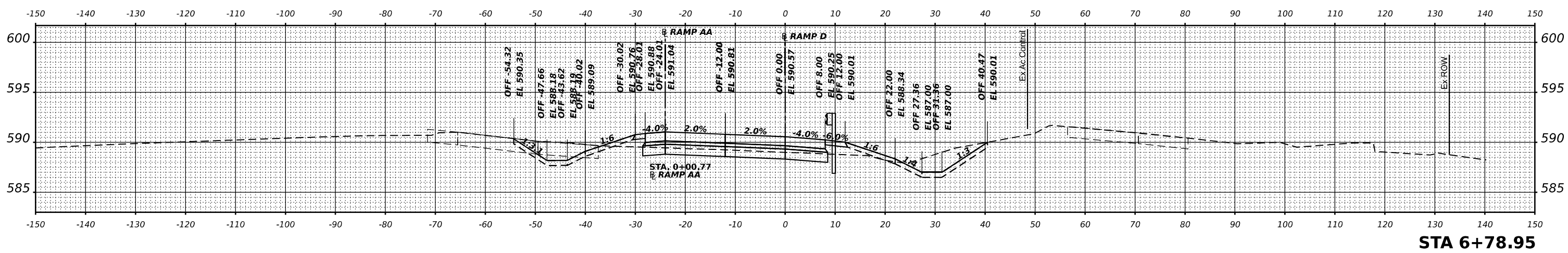
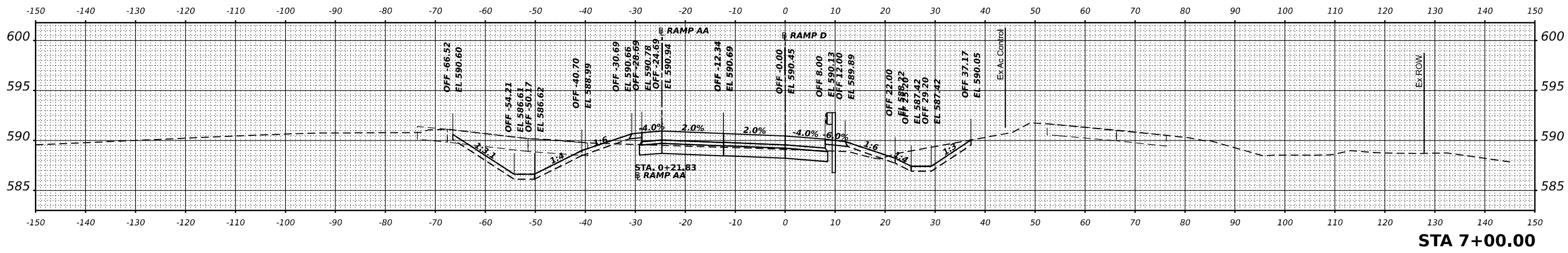
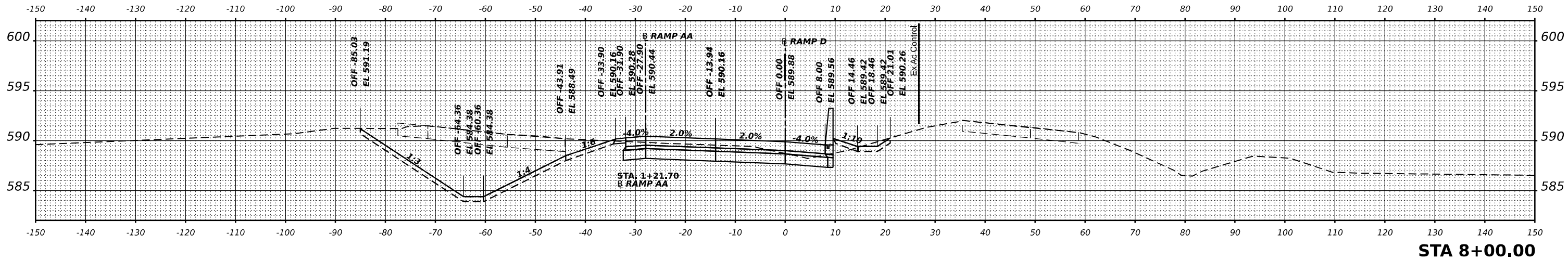
SCALE: SHEET OF SHEETS STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	492
			CONTRACT NO. 62R26	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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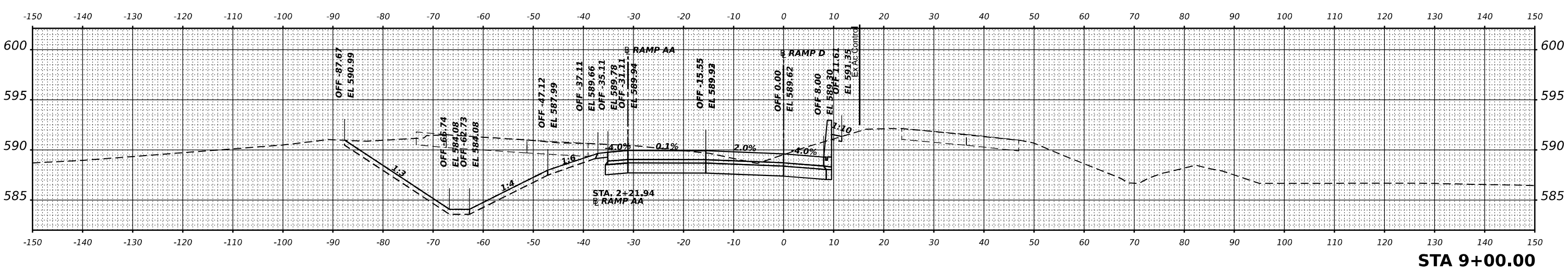
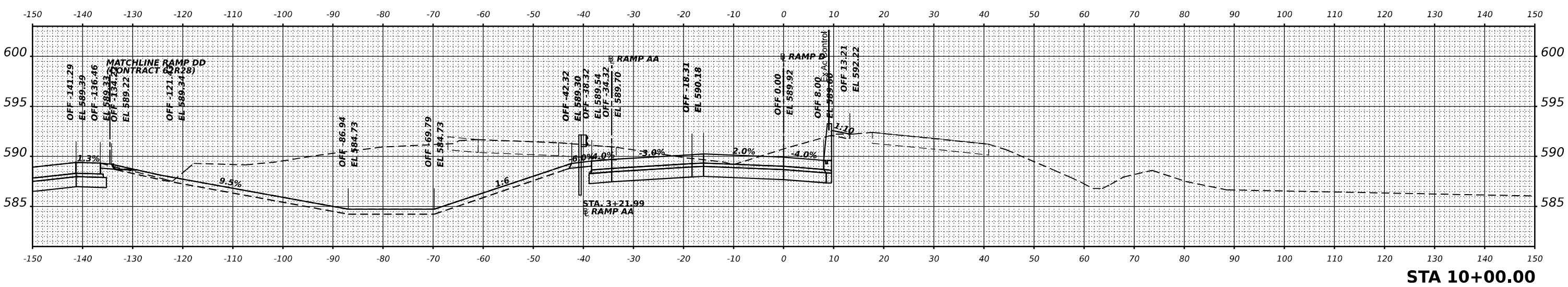
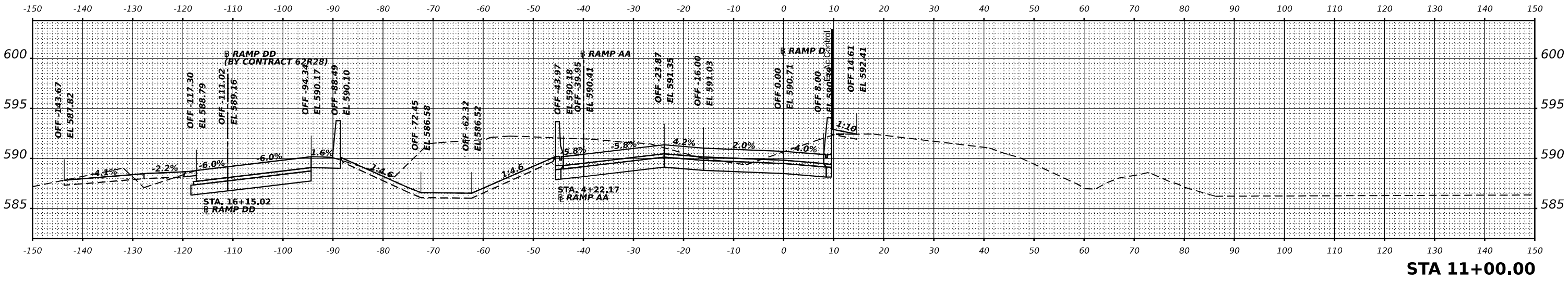


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	PLOT SCALE = 0.16666667" / in.	CHECKED -	REVISED -					I-80	FAI 80 21 STRUCTURE 5	WILL	525	493
	PLOT DATE = 5/31/2024	DATE -	REVISED -					CONTRACT NO. 62R26				
	ILLINOIS FED. AID PROJECT											

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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USER NAME	= jstrouse	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 0.16666667' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 5/31/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

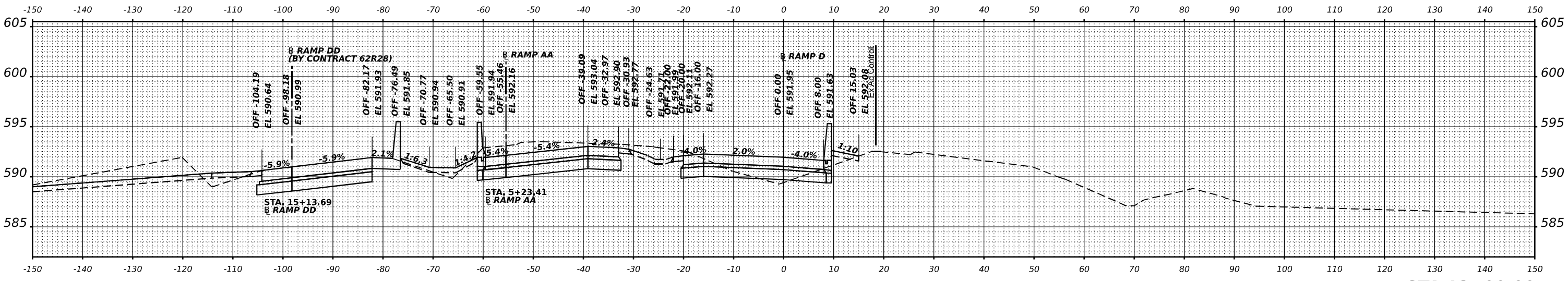
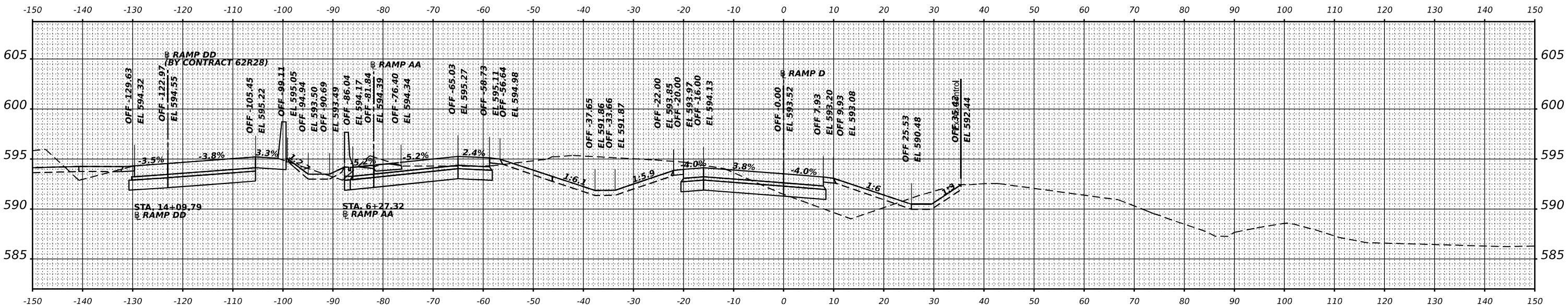
CROSS SECTIONS			
RAMP D			
SCALE:	SHEET	OF	SHEETS
			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	494
CONTRACT NO. 62R26				
ILLINOIS				FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 0.16666667" / in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

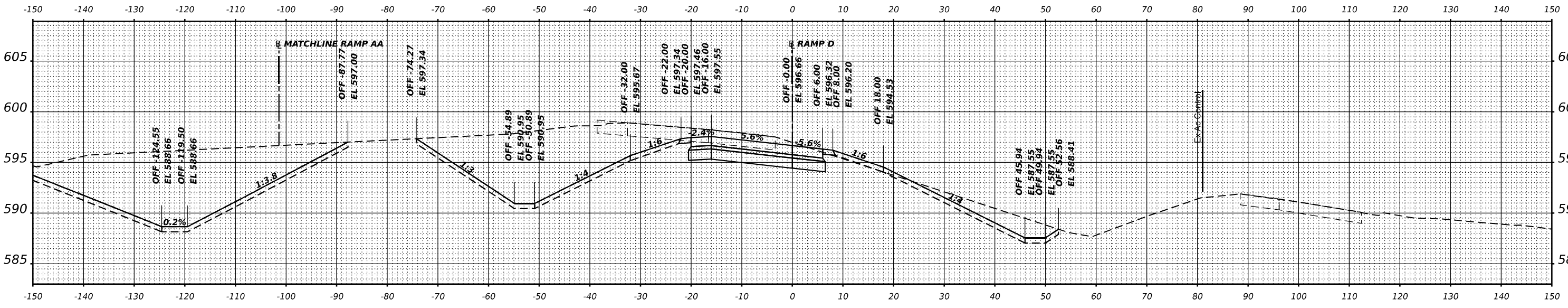
CROSS SECTIONS			
RAMP D			
SCALE:	SHEET	OF	SHEETS
			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	495
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

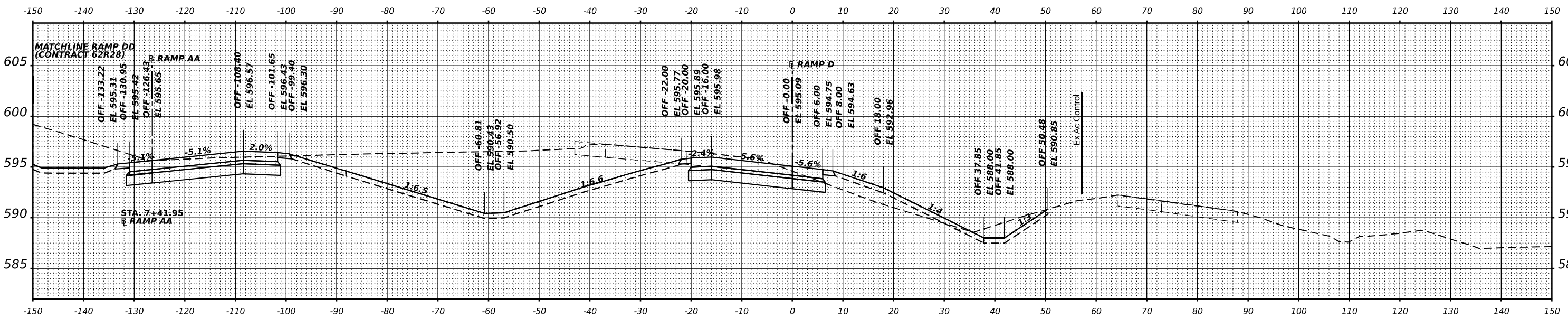
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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STA 15+00.00



STA 14+00.00



USER NAME = jstrouse
 PLOT SCALE = 0.16666667"/in.
 PLOT DATE = 5/31/2024

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP D**

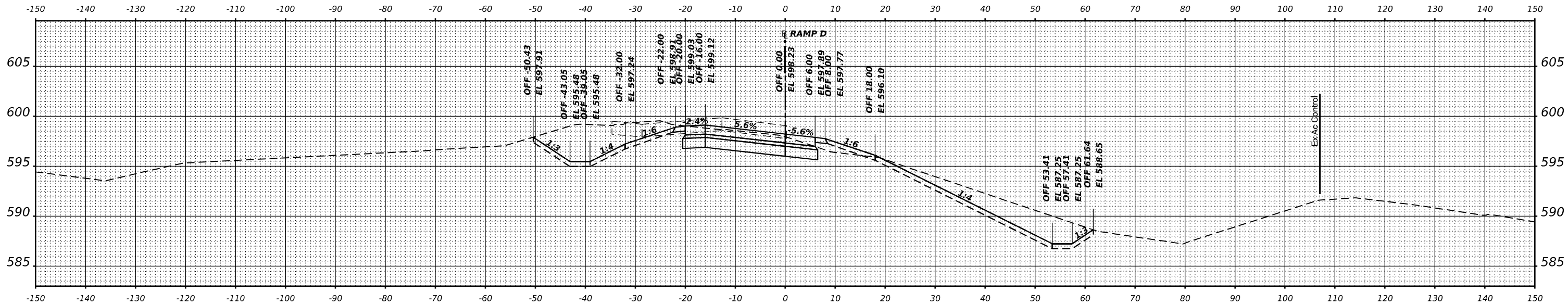
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	496
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

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STA 16+00.00



USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 0.16666667 1/ in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

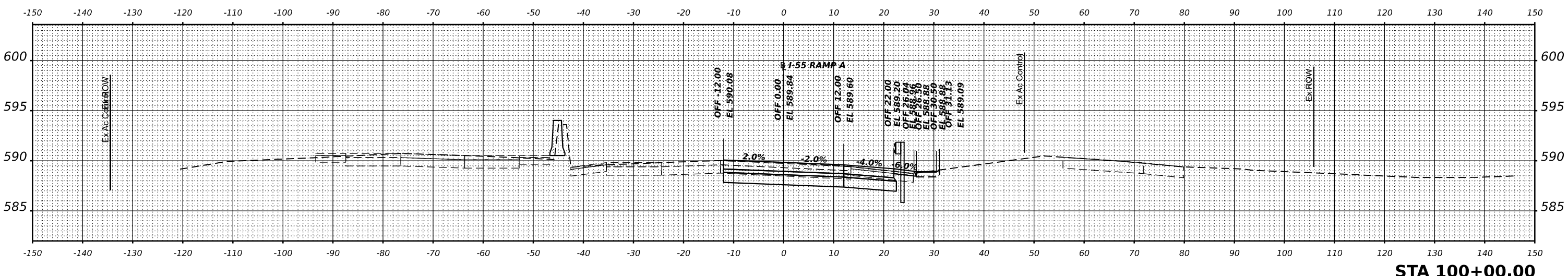
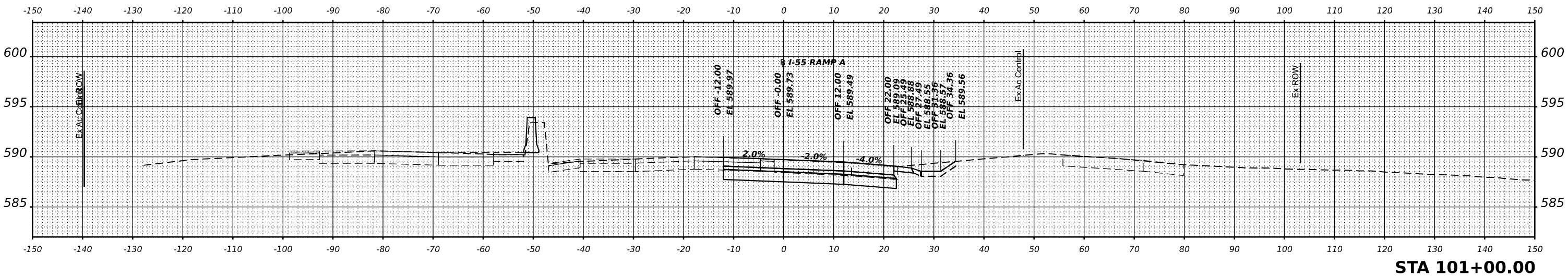
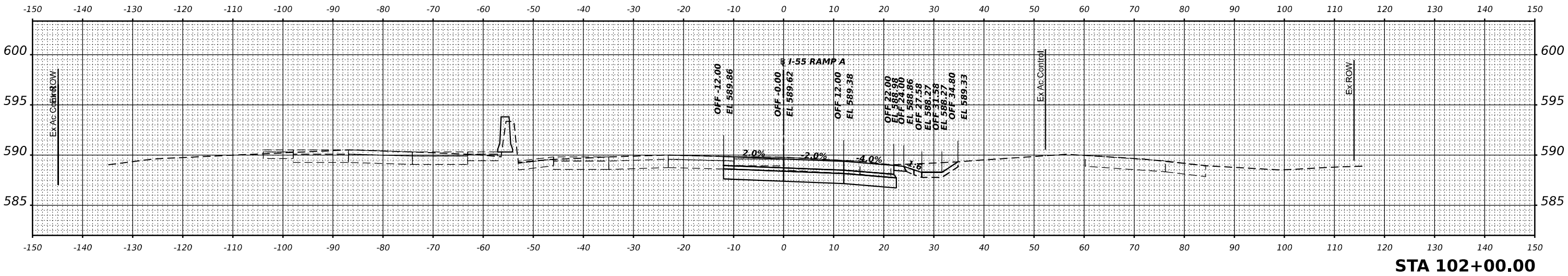
CROSS SECTIONS			
RAMP D			
SCALE:	SHEET	OF	SHEETS
			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	497
			CONTRACT NO. 62R26	
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	

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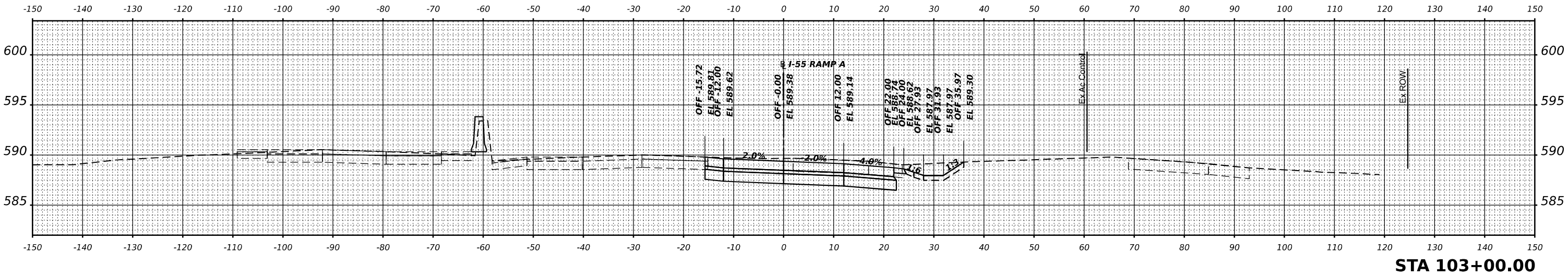
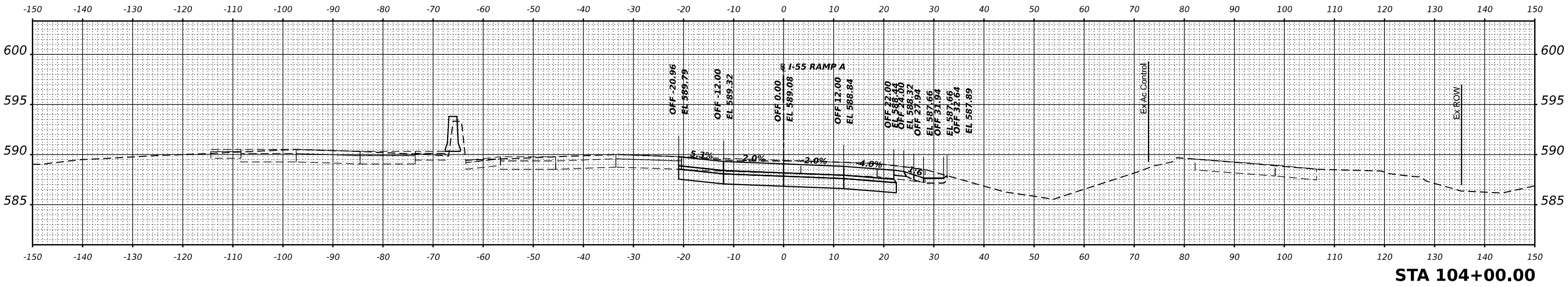
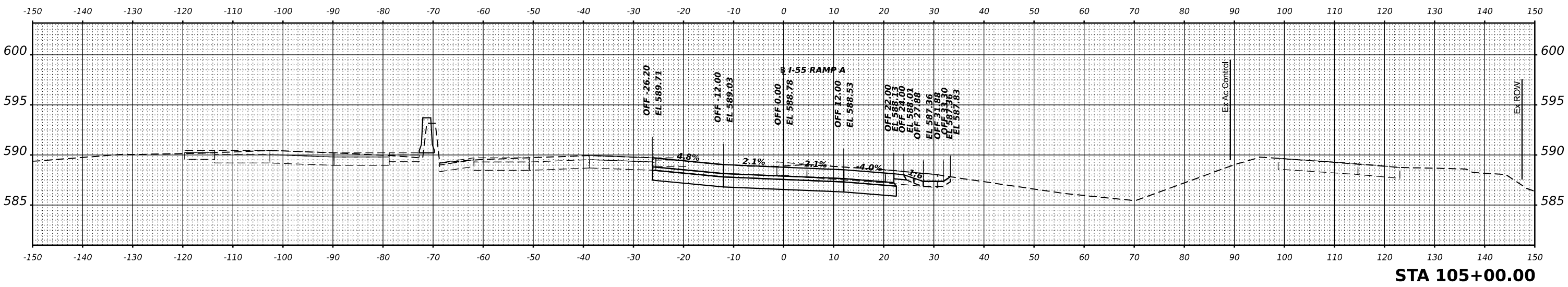


	USER NAME = jstrouse	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SOUTH BOUND RAMP A				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 5/31/2024	DATE -	REVISED -		REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	CONTRACT NO. 62R26 ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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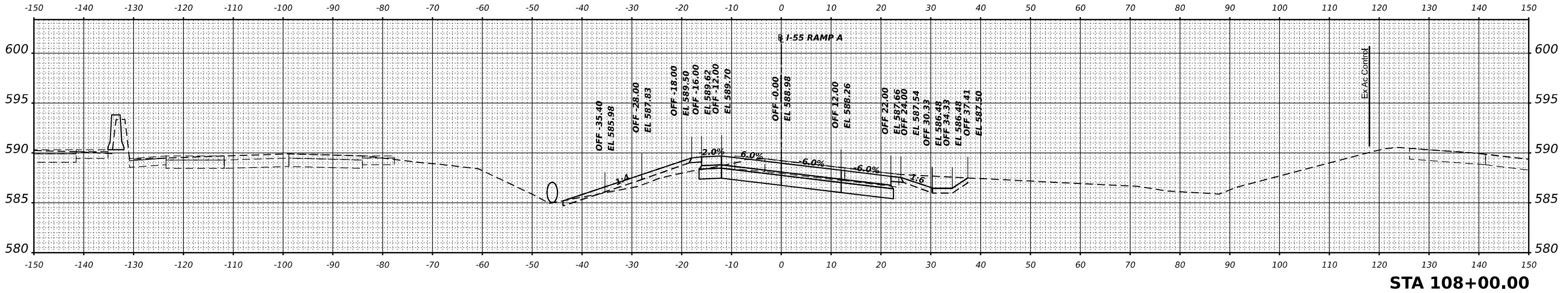
USER NAME	= jstrouse	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 0.16666667' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 5/31/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

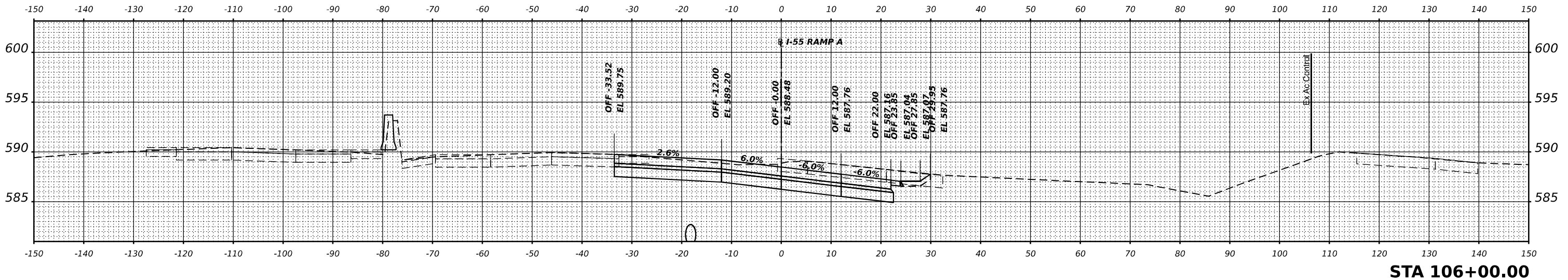
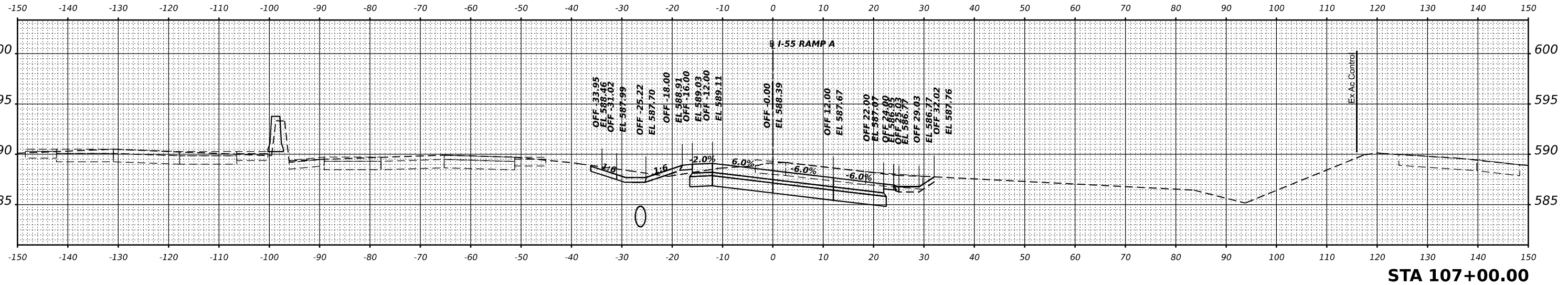
CROSS SECTIONS			
SOUTH BOUND RAMP A			
SCALE:	SHEET	OF	SHEETS
			STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	499
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 0.16666667' / in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
SOUTH BOUND RAMP A**

SCALE: SHEET OF SHEETS STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	500
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

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