

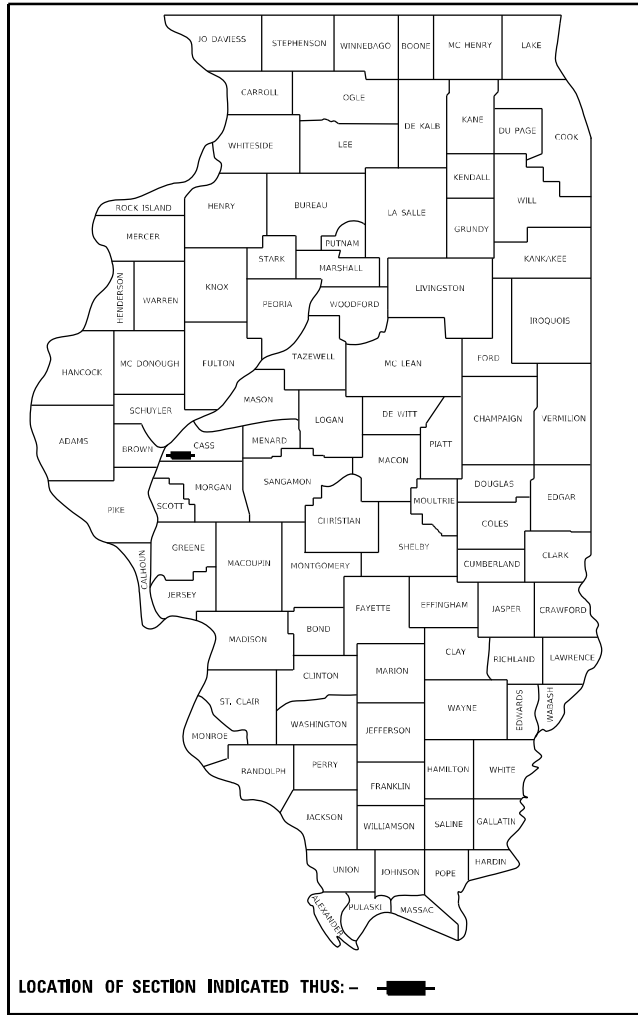
06-16-2023 LETTING ITEM 063

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67, 125	*	CASS	74	1
		ILLINOIS	CONTRACT NO. 72F56	

(6RS-4-CR1, 5RS-6)SR, 145RS-5

D-96-074-12



FOR INDEX OF SHEETS, SEE SHEET NO. 2

FAP 67, 614 (IL 78, IL 125)  
 ADT-3,595 (2021)  
 CLASSIFICATION - MINOR ARTERIAL  
 PV= 87.82%  
 SV= 4.93%  
 MU= 7.25%

# PROPOSED HIGHWAY PLANS

FAP ROUTE 614, 67 (IL 78, 125)  
 SECTION (6RS-4,5RS-6)SR, 145RS-5  
 PROJECT STP-HSIP-0L0D(244)  
 CASS COUNTY

C-96-074-12



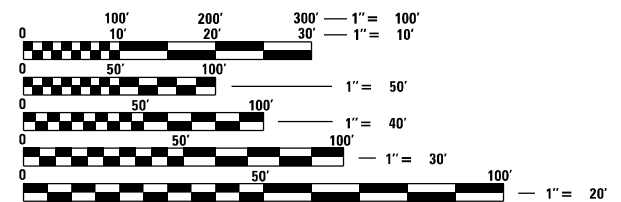
LIMITS OF PAVING  
 STA 53+36

T 18 N

LIMITS OF PAVING  
 STA 365+00

LIMITS OF PAVING  
 STA 455+39

LIMITS OF PAVING  
 STA 2+98.55



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

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

T 17 N

R 11 W

R 10 W

PROJECT ENGINEER : JAY EDWARDS (217) 785-0597  
 PROJECT MANAGER : JONATHAN COX (217) 782-1378

GROSS LENGTH = 40,853 FT. = 7.737 MILE  
 NET LENGTH = 40,853 FT. = 7.737 MILE

CONTRACT NO. 72F56

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED March 24 2023

*Jay P. Myers* REGIONAL ENGINEER  
 May 12, 2023

*Scott A. Etk*  
 ENGINEER OF DESIGN AND ENVIRONMENT  
 May 12, 2023

*Stephen M. Smith*  
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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 OF THE STATE OF ILLINOIS

**GENERAL NOTES**

- 1 ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
- 2 PROPOSED SUPERELEVATIONS SHOWN IN THE TYPICAL SECTIONS ARE REFERENCED FROM EXISTING PLANS AND SHALL MATCH EXISTING PAVEMENT GRADES AND TRANSITIONS. THE ENGINEER SHALL FIELD VERIFY ALL EXISTING SUPERELEVATIONS.
- 3 THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5306 THREE WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
- 4 THE DISTRICT 6 BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS (PH: 217-785-5306).

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, LISTS OF STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3-8 SUMMARY OF QUANTITIES (6)
- 9-13 SCHEDULE OF QUANTITIES (5)
- 14-26 TYPICAL SECTIONS (13)
- 27-41 PLAN SHEETS (15)
- 42 PAVEMENT MARKING DETAIL
- 43 CULVERT DETAIL
- 44 PAVEMENT RUMBLE STRIP DETAIL
- 45 CONCRETE COLLAR AND CULVERT EXTENSION DETAIL
- 46 WINGWALL REPAIR DETAIL
- 47-48 ENTRANCE AND SIDEROAD DETAIL
- 49-74 CROSS SECTIONS (26)

**STANDARDS**

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
542301-03	PRECAST REINFORCED CONCRETE END SECTION
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
604006-05	FRAME AND GRATE TYPE 3
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606101-05	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN
701001-02	OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

**STANDARDS CONTINUED**

001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
442201-03	CLASS C AND D PATCHES

**RATE TABLE**

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

HMA SURFACE/BINDER	.056 TONS/(SQYD*IN)
BITUMINOUS MATERIALS (TACK COAT):	0.025 LBS/SQ FT (HMA BETWEEN LIFTS) & 0.05 LBS/SQ FT (MILLED SURFACE)
AGGREGATE WEDGE SHOULDERS TYPE B	1.6 TONS/CUYD
AGGREGATE BASE COURSE TYPE B	1.6 TONS/CUYD
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE
AGRICULTURE GROUND LIMESTONE	2 TONS/ACRE

**COMMITMENTS**

NONE

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE

LOCATIONS:	IL 78, IL 125	IL 78, IL 125	IL 78, IL 125	IL 78, IL 125	IL 78, IL 125	IL 78, IL 125
MIXTURE USE(S):	HMA SURFACE	HMA BINDER, 2.25"	HMA BINDER 1.25"	HMA SHOULDERS (TOP LIFT)	HMA BASE COURSE & HMA SHOULDERS (BOTTOM LIFTS)	INCIDENTAL HMA
AC/PG:	SBS PG 64-28	PG 64-22	PG 64-22	SBS PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 9.5FG	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE:	MIX "C"	N/A	N/A	MIX "C"	N/A	MIX "C"
QUALITY MANAGEMENT	QCP	QCP	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	1,000 TONS	1,000 TONS	N/A	N/A	N/A	N/A
MTD:	YES	NO	NO	NO	NO	NO

NOTE:

1. QCP APPLIES TO MAINLINE ONLY.
2. NUCLEAR GAUGES WILL BE USED FOR DENSITY VERIFICATION BY THE ENGINEER FOR ALL HMA SHOULDERS AND HMA BASE COURSE

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
DISTRICT 6**

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EXAMINED March, 6 2023  
*[Signature]*  
ENGINEER OF OPERATIONS

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EXAMINED March, 13 2023  
*[Signature]*  
ENGINEER OF PROJECT IMPLEMENTATION

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EXAMINED March, 13 2023  
*[Signature]*  
ENGINEER OF PROGRAM DEVELOPMENT

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USER NAME = andrew.cisler	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, GENERAL NOTES, RATE TABLE, &amp; COMMITMENTS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	67, 125			(6RS-4,5R-6)SR, 145RS-5	CASS	74	2	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 72F56				
PLOT DATE = 3/18/2023	DATE -	REVISED -			ILLINOIS   FED. AID PROJECT				
				SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00685-0000	6-00685-0000
				80% FEDERAL 20% STATE	90% FEDERAL 10% STATE
				ROADWAY	SAFETY
				0005 RURAL	0021 RURAL
20200100	EARTH EXCAVATION	CU YD	361	361	
20800150	TRENCH BACKFILL	CU YD	6	6	
25000200	SEEDING, CLASS 2	ACRE	0.3	0.3	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	28	28	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	28	28	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	28	28	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.6	0.6	
25100115	MULCH, METHOD 2	ACRE	0.3	0.3	
28000500	INLET AND PIPE PROTECTION	EACH	2	2	
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	723	723	
35800100	PREPARATION OF BASE	SQ YD	377	377	
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	43	43	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	81393	81393	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	41435	41435	

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USER NAME = Jonathan.Cox DESIGNED - DRAWN - PLOT SCALE = 100.0000' / in. CHECKED - PLOT DATE = 3/24/2023 DATE -	REVISED - REVISED - REVISED + REVISED +	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE. 67,614 SECTION (6RS-4,5RS-6)SR, 145RS-5 COUNTY CASS CONTRACT NO. 72F56 ILLINOIS FED. AID PROJECT	TOTAL SHEETS 74 SHEET NO. 3
SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00685-0000	6-00685-0000
				80% FEDERAL 20% STATE	90% FEDERAL 10% STATE
				ROADWAY	SAFETY
				0005 RURAL	0021 RURAL
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2014	2014	
40600990	TEMPORARY RAMP	SQ YD	1030	1030	
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	645	645	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	12381	12381	
40604150	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	9028	9028	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	907	907	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	423	423	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	22	22	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	107162	107162	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	9997	9997	
44000400	GUTTER REMOVAL	FOOT	1110		1110
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	269	269	
44000600	SIDEWALK REMOVAL	SQ FT	22	22	
44200202	PAVEMENT PATCHING, TYPE II, 17 INCH	SQ YD	11	11	

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF  
QUANTITIES**

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	4
CONTRACT NO. 72F56			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00685-0000	6-00685-0000
				80% FEDERAL	90% FEDERAL
				20% STATE	10% STATE
				ROADWAY	SAFETY
				0005	0021
				RURAL	RURAL
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	6414	6414	
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	32983		32983
48203100	HOT-MIX ASPHALT SHOULDERS	TON	3413		3413
50102400	CONCRETE REMOVAL	CU YD	0.1	0.1	
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1	
50300225	CONCRETE STRUCTURES	CU YD	0.1	0.1	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	90	90	
54002020	EXPANSION BOLTS 3/4 INCH	EACH	4	4	
542D0241	PIPE CULVERTS, CLASS D, TYPE 1 36"	FOOT	44	44	
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1	
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1	
54248510	CONCRETE COLLAR	CU YD	0.5	0.5	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	4	
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	40	40	

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF  
QUANTITIES**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	5
CONTRACT NO. 72F56			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00685-0000	
				80% FEDERAL	90% FEDERAL
				20% STATE	10% STATE
				ROADWAY	SAFETY
				0005	0021
				RURAL	RURAL
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	1110	1110	
60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	2	2	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	35		35
60602500	CONCRETE GUTTER, TYPE A	FOOT	1110		1110
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	269	269	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1012.5	1012.5	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6	
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2	
63200310	GUARDRAIL REMOVAL	FOOT	1218	1218	
* 63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	909	909	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	75590		75590
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	6	3
67100100	MOBILIZATION	L SUM	1	0.6	0.4
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	

\* SPECIALTY ITEM

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USER NAME = Jonathan.Cox	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -				67,614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	6	
PLOT DATE = 3/24/2023	CHECKED -	REVISED -		SCALE:	SHEET 4	OF 6	SHEETS	STA.	TO STA.	CONTRACT NO. 72F56	
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00685-0000	6-00685-0000
				80% FEDERAL 20% STATE	90% FEDERAL 10% STATE
				ROADWAY	SAFETY
				0005 RURAL	0021 RURAL
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	7	7	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	15375	15375	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2403	2403	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6	
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	47	47	
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	125	125	
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	103742	103742	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	170	170	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	675	675	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	427	427	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	558	558	

\* SPECIALTY ITEM

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -				67,614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	7	
PLOT DATE = 3/24/2023	CHECKED -	REVISED -		SCALE:	SHEET 5	OF 6	SHEETS	STA.	TO STA.	CONTRACT NO. 72F56	
	DATE -	REVISED -		ILLINOIS   FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00685-0000	6-00685-0000
				80% FEDERAL 20% STATE	90% FEDERAL 10% STATE
				ROADWAY	SAFETY
				0005 RURAL	0021 RURAL
* 7820005	GUARDRAIL REFLECTORS, TYPE A	EACH	12	12	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	558	558	
X1200050	BOX CULVERT REMOVAL	FOOT	12	12	
X2020060	EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)	UNIT	751		751
X6670201	OUTLET MARKER	EACH	4	4	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.6	0.4
Z0023500	FILLING EXISTING CULVERTS	CU YD	2	2	
Z0034105	MATERIAL TRANSFER DEVICE	TON	9028	9028	
∅ Z0076600	TRAINEES	HOUR	2000	2000	
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	1110	1110	
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2000	2000	
Z0055300	RUMBLE STRIP	EACH	6	6	

\* SPECIALTY ITEM

∅ 0042

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -				67,614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	8	
PLOT DATE = 3/24/2023	CHECKED -	REVISED -		SCALE:	SHEET 6	OF 6	SHEETS	STA.	TO STA.	CONTRACT NO. 72F56	
	DATE -	REVISED -		ILLINOIS   FED. AID PROJECT							



				25000200	25100115	25000400	25000500	25000600	25000700	
LOCATION		SIDE	AREA	SEEDING, CLASS 2	MULCH, METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHEROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	
FAP 67 (IL 125)			SQFT	ACRE	ACRE	POUND	POUND	POUND	TON	
115+44.00	TO	120+52.00	LT	5080	0.12	0.12	10.50	10.50	0.23	
200+35.00	TO	200+35.00	LT	300	0.01	0.01	0.62	0.62	0.01	
231+64.00	TO	237+66.00	LT	6020	0.14	0.14	12.44	12.44	0.28	
FAP 614 (IL 78)										
1+55.00	TO	3+33.80	RT/LT	1788	0.04	0.04	3.69	3.69	0.08	
TOTAL					0.30	0.30	28	28	28	0.6

				40600290	40602965	40603080	40604150	40600370	Z0034105	
LOCATION		LENGTH (FOOT)	WIDTH (FOOT)	BITUMINOUS MATERIALS (TACK COAT)	HMA BINDER COURSE, IL 9.5 FG, N50	HMA BINDER COURSE, IL 19.0, N50	HMA SURFACE COURSE, IL 9.5, MIX "C", N50	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE	
FAP 67 (IL 125)				POUND	TON	TON	TON	FOOT	TON	
53+36.00	TO	130+50.00	7714	22	12728.1	2375.9	1583.9	7714.0	1583.9	
130+50.00	TO	139+49.00	899	VARIES	2014.9	376.1	250.7	899.0	250.7	
139+49.00	TO	142+63.13	314.13	22	518.3	96.8	64.5	314.1	64.5	
STA EQ #1 STA. 142+63.13 (BK)= STA. 142+68.06 (AH)										
142+68.06	TO	149+32.00	663.94	22	1095.5	204.5	136.3	663.9	136.3	
149+32.00	TO	154+70.00	538	27	1089.5	203.4	135.6	538.0	135.6	
154+70.00	TO	214+43.00	5973	22	9855.5	1839.7	1226.5	5973.0	1226.5	
214+43.00	TO	222+00.00	757	VARIES	1886.0	352.0	234.7	757.0	234.7	
222+00.00	TO	274+05.88	5205.88	22	8589.7	1603.4	1068.9	5205.9	1068.9	
STA EQ #2 STA. 274+05.88 (BK)= STA. 274+23.40 (AH)										
274+23.40	TO	306+19.85	3196.45	22	5274.1	984.5	656.3	3196.5	656.3	
STA EQ #3 STA. 306+19.85 (BK)= STA. 306+16.15 (AH)										
306+16.15	TO	324+00.00	1783.85	22	2943.4	549.4	366.3	1783.9	366.3	
324+00.00	TO	436+95.00	11295	24	20331.0	3795.1	2530.1	11295.0	2530.1	
436+95.00	TO	443+90.00	695	32	1668.0	173.0	207.6	695.0	207.6	
443+90.00	TO	451+13.00	723	VARIES	2055.8	213.2	255.8	723.0	255.8	
451+13.00	TO	455+39.00	426	24	766.8	79.5	95.4	426.0	95.4	
FAP 614 (IL 78)										
365+00.00	TO	368+49.85	349.85	VARIES	830.9	86.2	103.4	571.7	103.4	
368+73.24	TO	368+78.59	5.35	VARIES	15.5	1.6	1.9	10.7	1.9	
STA EQ #4 STA. 368+78.59 (BK)= STA. 0+00.00 (AH)										
+00.00	TO	2+98.55	298.55	VARIES	867.0	89.9	107.9	597.1	107.9	
2+98.55	TO	3+33.80	35.25	VARIES	15.9	1.6	2.0	70.5	2.0	
TOTAL					72546	646	12381	9028	41435	9028

				20200100			
LOCATION		EARTH EXCAVATION	SHRINKAGE FACTOR (25%)	EMBANKMENT	BALANCE WASTE +		
FAP 67 (IL 125)		CU YD	CU YD	CU YD	CU YD		
115+00.00	TO	121+00.00	25.5	19.1	9.4	9.7	
198+00.00	TO	201+00.00	260.8	195.6	4.5	191.1	
231+00.00	TO	238+00.00	37.6	28.2	8.9	19.3	
FAP 614 (IL 78)							
1+96.00	TO	3+33.80	36.2	27.2	0.6	26.6	
TOTAL		361	271	24	247		

					44000155	44000160
LOCATION		LENGTH (FOOT)	WIDTH (FOOT)	HMA SURFACE REM 1 1/2"	HMA SURFACE REM 2 3/4"	
FAP 67 (IL 125)					SQYD	SQYD
53+36.00	TO	115+44.00	6208	25	17244.44	
115+44.00	TO	120+52.00	508	26.5	1495.78	
120+52.00	TO	130+50.00	998	25	2772.22	
130+50.00	TO	139+49.00	899	VARIES	3284.67	
139+49.00	TO	142+63.13	314.13	25	872.58	
STA EQ #1 STA. 142+63.13 (BK)= STA. 142+68.06 (AH)						
142+68.06	TO	149+32.00	663.94	25	1844.28	
149+32.00	TO	154+70.00	538	25	1494.44	
154+70.00	TO	214+43.00	5973	25	16591.67	
214+43.00	TO	222+00.00	757	VARIES	3046.33	
222+00.00	TO	231+64.00	964	25	2677.78	
231+64.00	TO	237+67.00	603	26.5	1775.50	
237+67.00	TO	274+05.88	3638.88	25	10108.00	
STA EQ #2 STA. 274+05.88 (BK)= STA. 274+23.40 (AH)						
274+23.40	TO	306+19.85	3196.45	25	8879.03	
STA EQ #3 STA. 306+19.85 (BK)= STA. 306+16.15 (AH)						
306+16.15	TO	324+00.00	1783.85	25	4955.14	
324+00.00	TO	436+95.00	11295	24	30120.00	
436+95.00	TO	443+90.00	695	36	2780.00	
443+90.00	TO	451+13.00	723	VARIES	2856.33	
451+13.00	TO	455+39.00	426	38	1798.67	
FAP 614 (IL 78)						
365+00.00	TO	368+49.85	349.85	VARIES	1231.00	
368+73.24	TO	368+78.59	5.35	VARIES	23.00	
STA EQ #4 STA. 368+78.59 (BK)= STA. 0+00.00 (AH)						
+00.00	TO	2+98.55	298.55	VARIES	1284.00	
2+98.55	TO	3+33.80	35.25	VARIES	23.50	
TOTAL					107162	9997

					35501324
LOCATION		HMA BASE COURSE 10"			
FAP 67 (IL 125)		WIDTH	SIDE	SQ YD	
149+94.00	TO	154+02.00	VAR	RT/LT	
149+32.00	TO	149+72.62	3	LT	13.54
149+72.62	TO	150+95.81	3 TO 13	LT	82.13
150+95.81	TO	153+09.31	13	LT	308.39
153+09.31	TO	154+27.14	13 TO 3	LT	78.55
154+27.14	TO	154+70.00	3	LT	14.29
SUBTOTAL					496.90
150+05.00	TO	150+37.00	3	RT	10.67
150+37.00	TO	150+86.50	3 TO 7	RT	19.25
150+86.50	TO	153+00.00	7	RT	166.06
153+00.00	TO	153+49.50	7 TO 3	RT	19.25
153+49.50	TO	153+81.00	3	RT	10.50
SUBTOTAL					225.72
TOTAL					723

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USER NAME = Jonathan.Cox	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/24/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF  
QUANTITIES**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 67,614	SECTION (6RS-4,5RS-6)SR, 145RS-5	COUNTY CASS	TOTAL SHEETS 74	SHEET NO. 9
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

LOCATION	DESCRIPTION	SIDE	FROM EOP	WIDTH		THICKNESS	35800100	40200100	40800050	40800029	40600982	40600990
				PREPARATION OF BASE	AGGREGATE SURFACE COURSE, TYPE A		INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS (TACK COAT)	HMA SURFACE REM - BUTT JOINT	TEMPORARY RAMP		
FAP 67 (IL 125)			FOOT	AT EOP	ENTRANCE	INCH	SQ YD	TON	TON	POUNDS	SQ YD	SQ YD
53+36.00	BEGIN IMPROVEMENT											24.4
53+88.00	OLD IL 125	RT	9.00	51.00	26.00	3.75			8.1	17.3	38.5	56.7
59+45.00	MAILBOX	LT	5.00	63.00	16.00	3.75			4.6	9.9	21.9	
60+38.00	OLD IL 125	RT	9.00	44.00	24.00	3.75			7.1	15.3	34.0	48.9
61+37.00	DRIVEWAY	LT	8.00	34.00	18.00	3.75			4.9	10.4	23.1	
61+54.00	MAILBOX	LT	6.00	78.00	48.00	3.75			8.8	18.9	42.0	
66+30.00	DRIVEWAY	RT	7.00	70.00	48.00	3.75			9.6	20.7	45.9	
68+12.00	DRIVEWAY	RT	7.00	76.00	46.00	3.75			10.0	21.4	47.4	
68+40.00	MAILBOX	LT	5.00	63.50	24.00	3.75			5.1	10.9	24.3	
75+22.00	OLD IL 125	RT	8.00	41.00	19.00	3.75			5.6	12.0	26.7	45.6
76+15.00	MAILBOX	LT	6.00	80.00	52.00	3.75			9.2	19.8	44.0	
76+32.00	DRIVEWAY	LT	6.00	38.00	27.00	2.25	21.7	2.4				
84+84.00	OLD IL 125	RT	8.00	43.00	20.00	3.75			5.9	12.6	28.0	47.8
90+23.00	DRIVEWAY	LT	8.00	30.00	14.00	2.25	19.6	2.2				
90+39.00	MAILBOX	LT	6.00	73.00	45.00	3.75			8.3	17.7	39.3	
97+01.00	CLAYTON RD	RT	8.00	56.00	33.00	3.75			8.3	17.8	39.6	62.2
101+80.00	FIELD ENTRANCE	LT	6.00	26.00	14.00	2.25	13.3	1.5				
124+25.00	DRIVEWAY	RT	7.00	29.00	16.00	3.75			3.7	7.9	17.5	
124+25.00	WARRIOR HILL RD	LT	8.00	66.00	51.00	3.75			10.9	23.4	52.0	73.3
126+05.00	FIELD ENTRANCE	LT	7.00	32.00	19.00	2.25	19.8	2.2				
135+78.00	FIELD ENTRANCE	LT	6.00	42.00	30.00	2.25	24.0	2.7				
137+34.00	FIELD ENTRANCE	LT	6.00	43.00	31.00	2.25	24.7	2.8				
138+24.00	MAILBOX	LT	6.00	73.00	44.00	3.75			8.2	17.6	39.0	
138+54.00	DRIVEWAY	LT	8.00	30.00	15.00	2.25	20.0	2.3				
147+64.00	DRIVEWAY	LT	8.00	35.00	22.00	3.75			5.3	11.4	25.3	
148+22.00	DRIVEWAY	RT	8.00	74.00	60.00	3.75			12.5	26.8	59.6	
174+82.00	DRIVEWAY	LT	8.00	35.00	19.00	2.25	24.0	2.7				
175+00.00	MAILBOX	LT	6.00	73.00	49.00	3.75			8.5	18.3	40.7	
187+01.00	DRIVEWAY	LT	8.00	28.00	12.00	3.75			3.7	8.0	17.8	
187+14.00	MAILBOX	LT	6.00	65.00	42.00	3.75			7.5	16.1	35.7	
189+79.00	SCHALL RD	LT	8.00	68.00	36.00	3.75			9.7	20.8	46.2	75.6
212+76.00	SWEATMAN RD	LT	57.00	65.00	21.00	3.75			57.2	122.6	272.3	72.2
						SUBTOTAL	167.1	18.8	222.8	477.4	1060.8	506.7

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USER NAME = Jonathan.Cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF  
QUANTITIES**

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	10
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

LOCATION	DESCRIPTION	SIDE	FROM EOP	WIDTH		THICKNESS	35800100	40200100	40800050	40800029	40600982	40600990	
				PREPARATION OF BASE	AGGREGATE SURFACE COURSE, TYPE A		INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS (TACK COAT)	HMA SURFACE REM - BUTT JOINT	TEMPORARY RAMP			
			FOOT	AT EOP	ENTRANCE	INCH	SQ YD	TON	TON	POUNDS	SQ YD	SQ YD	
FAP 67 (IL 125)													
217+37.00	FIELD ENTRANCE	LT	6.00	65.00	53.00	2.25	39.3	4.4					
227+30.00	DRIVEWAY	LT	8.00	54.00	30.00	3.75			7.8	16.8	37.3		
227+62.00	MAILBOX	LT	6.00	96.00	68.00	3.75			11.5	24.6	54.7		
238+51.00	DRIVEWAY	RT	7.00	83.00	47.00	3.75			10.6	22.8	50.6		
244+40.00	FIELD ENTRANCE	RT	6.00	28.00	20.00	2.25	16.0	1.8					
249+78.00	FIELD ENTRANCE	RT	6.00	24.00	12.00	2.25	12.0	1.4					
255+10.00	DRIVEWAY	LT	6.00	52.00	35.00	3.75			6.1	13.1	29.0		
258+60.00	DRIVEWAY	LT	6.00	47.00	35.00	3.75			5.7	12.3	27.3		
262+42.00	FIELD ENTRANCE	RT	6.00	27.00	15.00	2.25	14.0	1.6					
262+97.00	ENTRANCE	LT	6.00	29.00	17.00	3.75			3.2	6.9	15.3		
269+16.00	ENTRANCE	RT	6.00	43.00	31.00	3.75			5.2	11.1	24.7		
270+83.00	FIELD ENTRANCE	LT	6.00	34.00	22.00	2.25	18.7	2.1					
275+79.00	DRIVEWAY	RT	6.00	32.00	14.00	3.75			3.2	6.9	15.3		
285+87.00	SHILOH RD	LT	8.00	74.00	57.00	3.75			12.2	26.2	58.2	82.2	
286+04.00	SHILOH RD	RT	12.00	85.00	61.00	3.75			20.4	43.8	97.3	94.4	
308+84.00	DRIVEWAY	LT	6.00	45.00	28.00	3.75			5.1	11.0	24.3		
327+83.00	DRIVEWAY	RT	6.00	45.00	33.00	3.75			5.5	11.7	26.0		
351+66.00	BROCKHOUSE RD	LT	8.00	53.00	37.00	3.75			8.4	18.0	40.0	58.9	
353+13.00	BROCKHOUSE RD	RT	8.00	47.00	31.00	3.75			7.3	15.6	34.7	52.2	
391+48.00	HICKORY RD	LT	8.00	76.00	60.00	3.75			12.7	27.2	60.4	84.4	
405+13.00	MUD RD	RT	8.00	50.00	34.00	3.75			7.8	16.8	37.3	55.6	
405+20.00	FIELD ENTRANCE	LT	6.00	28.00	16.00	2.25	14.7	1.7					
419+64.00	FIELD ENTRANCE	LT	6.00	29.00	21.00	2.25	16.7	1.9					
423+40.00	ENTRANCE	RT	8.00	59.00	43.00	2.25	45.3	5.1					
427+27.00	ENTRANCE	RT	8.00	53.00	37.00	3.75			8.4	18.0	40.0		
430+43.00	ENTRANCE	RT	8.00	54.00	38.00	3.75			8.6	18.4	40.9		
431+87.00	MAILBOX	RT	6.00	86.00	59.00	3.75			10.2	21.8	48.3		
432+07.00	IDOT YARD	RT	8.00	45.00	29.00	2.25	32.9	3.7					
439+77.00	ENTRANCE	LT	8.00	75.00	49.00	3.75			11.6	24.8	55.1		
441+74.00	ENTRANCE	LT	10.00	67.00	49.00	3.75			13.5	29.0	64.4		
443+18.00	ENTRANCE	LT	10.00	75.00	54.00	3.75			15.1	32.3	71.7		
455+39.00	END IMPROVEMENT											26.7	
FAP 614 (IL 78)													
365+00.00	END IMPROVEMENT											28.9	
2+98.55	END IMPROVEMENT											40.0	
							SUBTOTAL	209.6	23.6	200.1	428.9	953.0	523.3
							TOTAL	377	43	423	907	2014	1030

LOCATION	SIDE	42400200	4400600	60260500
		PCC SIDEWALK 5"	SIDEWALK REMOVAL	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE
FAP 614 (IL 78)		SQ FT	SQ FT	EACH
2+30.20	LT	8.1	8.1	
2+57.50	RT	13.4	13.4	
3+26.60	LT			1.0
3+31.10	RT			1.0
TOTAL		22	22	2

LOCATION	SIDE	60108100	60108104	60100060	X6670201	Z0040530		
		PIPE UNDERDRAINS, 4" (SPECIAL)	PIPE UNDERDRAINS, TYPE 1, 4"	CONCRETE HEADWALLS FOR PIPE DRAINS	OUTLET MARKER	PIPE UNDERDRAIN REM		
FAP 67 (IL 125)		FOOT	FOOT	EACH	EACH	FOOT		
115+44.00	TO	120+52.00	LT	20.0	508.0	2.0	2.0	508.0
231+64.00	TO	237+66.00	LT	20.0	602.0	2.0	2.0	602.0
TOTAL				40	1110	4	4	1110

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USER NAME = Jonathan.Cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF  
QUANTITIES**

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	11
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

LOCATION				40600290	48102100	48203023	48203100	64200108	X2020060
				BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE WEDGE SHOULDER, TYPE B	HMA SHOULDERS 6_1/2"	HMA SHOULDERS	RUMBLE STRIP 8"	EXCAVATING AND GRADING EXISTING SHOULDER
FAP 67 (IL 125)				POUND	TONS	SQYD	TONS	FT	UNITS
53+36.00	TO	115+44.00	6208	1241.6	1034.7	5518.2	463.5	12416.0	124.2
115+44.00	TO	120+52.00	508	101.6	42.3	451.6	37.9	1016.0	10.2
120+52.00	TO	130+50.00	998	199.6	166.3	887.1	74.5	1996.0	20.0
130+50.00	TO	139+49.00	899	179.8	74.9		168.6	899.0	
130+50.00	TO	139+49.00	899	89.9	74.9	399.6	33.6	899.0	9.0
139+49.00	TO	142+63.13	314.13	62.8	52.4	279.2	23.5	628.3	6.3
STA EQ #1 STA. 142+63.13 (BK)= STA. 142+68.06 (AH)									
142+68.06	TO	147+47.00	478.94	95.8	79.8	425.7	35.8	957.9	9.6
147+47.00	TO	149+59.45	212.45	21.2	17.7	94.4	7.9	212.5	2.1
147+47.68	TO	150+24.50	276.82	27.7	23.1	123.0	10.3	276.8	2.8
149+59.45	TO	150+21.90	62.45	6.2	5.2		2.3	62.4	0.6
150+24.50	TO	153+76.00	351.5	35.2	29.3		13.1	351.5	3.5
150+21.90	TO	153+80.01	358.11	35.8	29.8		13.4	358.1	3.6
153+76.00	TO	156+53.00	277	27.7	23.1	123.1	10.3	277.0	2.8
153+80.01	TO	153+97.72	17.71	1.8	1.5	7.9	0.7	17.7	0.2
153+97.72	TO	154+38.95	41.23	4.1	3.4		1.5	41.2	0.4
154+38.95	TO	156+53.00	214.05	21.4	17.8	95.1	8.0	214.0	2.1
156+53.00	TO	214+43.00	5790	1158.0	965.0	5146.7	432.3	11580.0	115.8
214+43.00	TO	222+00.00	757	151.4	63.1		198.7	757.0	
214+43.00	TO	222+00.00	757	75.7	63.1	336.4	28.3	757.0	7.6
222+00.00	TO	231+64.00	964	192.8	160.7	856.9	72.0	1928.0	19.3
231+64.00	TO	237+66.00	602	120.4	50.2	535.1	44.9	1204.0	12.0
237+66.00	TO	274+05.88	3639.88	728.0	606.6	3235.4	271.8	7279.8	72.8
STA EQ #2 STA. 274+05.88 (BK)= STA. 274+23.40 (AH)									
274+23.40	TO	306+19.85	3196.45	639.3	532.7	2841.3	238.7	6392.9	63.9
STA EQ #3 STA. 306+19.85 (BK)= STA. 306+16.15 (AH)									
306+16.15	TO	324+00.00	1783.85	356.8	297.3	1585.6	133.2	3567.7	35.7
324+00.00	TO	436+95.00	11295	2259.0	1882.5	10040.0	843.4	21500.0	225.9
436+95.00	TO	443+90.00	695	139.0	57.9		47.6		
436+95.00	TO	443+90.00	695	278.0	57.9		95.1		
451+13.00	TO	455+39.00	426	596.4			102.1		
TOTAL				8847	6414	32983	3413	75590	751

LOCATION				70300100		70300150
				SHORT TERM PAVEMENT MARKING (FT)		SHORT TERM PAVEMENT MARKING REM (SQFT)
				CENTERLINE	EDGELINE	
FAP 67 (IL 125)				FT	FT	SQFT
53+36.00	TO	142+63.13	893	714	536	
STA EQ #1 STA. 142+63.13 (BK)= STA. 142+68.06 (AH)						
142+68.06	TO	231+64.00	890	712	534	
231+64.00	TO	237+85.00	62	50	37	
237+85.00	TO	274+05.88	362	290	217	
STA EQ #2 STA. 274+05.88 (BK)= STA. 274+23.40 (AH)						
274+23.40	TO	306+19.85	320	256	192	
STA EQ #3 STA. 306+19.85 (BK)= STA. 306+16.15 (AH)						
306+16.15	TO	324+00.00	178	143	107	
324+00.00	TO	444+00.00	1200	960	720	
444+00.00	TO	455+39.00	114	0	38	
FAP 614 (IL 78)						
365+00.00	TO	368+49.85	35	0	12	
368+73.24	TO	368+78.59	1		1	
STA EQ #4 STA. 368+78.59 (BK)= STA. 0+00.00 (AH)						
+00.00	TO	2+98.55	30	0	10	
MILLING				4084	3124	
BINDER COURSE				4084		
SURFACE COURSE				4084		2403
TOTAL				15375		2403

LOCATION				60602500	44000400	60605000	44000500	60600095
				CONCRETE GUTTER, TYPE A	GUTTER REMOVAL	COMB CONCRETE CURB AND GUTTER TYPE B.24	COMB CONCRETE CURB AND GUTTER REMOVAL	CLASS SI CONCRETE (OUTLET)
FAP 67 (IL 125)				FOOT	FOOT	FOOT	FOOT	CU YD
115+44.00	TO	120+52.00	LT	508.0	508.0			27.0
231+64.00	TO	237+66.00	LT	602.0	602.0			7.1
FAP 614 (IL 78)								
1+96.00	TO	3+26.60	LT			130.6	130.6	
1+96.00	TO	3+33.80	RT			137.8	137.8	
TOTAL				1110	1110	269	269	35

REV. - MS

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	DRAWN -	REVISED -
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PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF  
QUANTITIES**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	12
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

LOCATION			20800150	44200202	50104400	54213681	54213693	542D0241	X1200050	Z0023500
LOCATION			TRENCH BACKFILL	PAVEMENT PATCHING, TYPE II, 17"	CONCRETE HEADWALL REMOVAL	PRECAST REIN CONCRETE END SECTION 36"	PRECAST REIN CONCRETE END SECTION 48"	PIPE CULVERTS, CLASS D, TYPE 1, 36"	BOX CULVERT REMOVAL	FILL EXISTING CULVERT
FAP 67 (IL 125)			CU YD	SQ YD	EACH	EACH	EACH	FOOT	FOOT	CU YD
200+35.00	TO	200+35.00	5.4	11.0	1.0	1.0	1.0	44.0	12.0	1.8
TOTAL			6	11	1	1	1	44	12	2

LOCATION				63000001	63100167	63100169	63200310	63301210	72501000	78200005
LOCATION				STEEL PLATE BEAM GUARDRAIL TYPE A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	GUARDRAIL REMOVAL	REM AND REERECT SPBG TYPE A	TERMINAL MARKER, DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A
FAP 67 (IL 125)				FT	EACH	EACH	FT		EACH	EACH
54+97.00	TO	58+59.50	LT	312.5	1.0	1.0	355.0		1.0	3.0
75+48.00	TO	78+23.00	RT	225.0	2.0		279.4		2.0	3.0
76+62.50	TO	77+75.00	LT	62.5	1.0	1.0	117.0		1.0	1.0
149+10.00	TO	153+65.00	RT					455.0		
150+09.00	TO	154+63.00	LT					454.0		
301+22.50	TO	305+85.00	RT	412.5	2.0		465.9		2.0	5.0
TOTAL				1012.5	6	2	1218	909	6	12

LOCATION			78100100	78300200
LOCATION			RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REM
FAP 67 (IL 125)			EACH	EACH
53+36.00	TO	142+63.13	112	112
STA EQ #1 STA. 142+63.13 (BK)= STA. 142+68.06 (AH)				
142+68.06	TO	274+05.88	164	164
STA EQ #2 STA. 274+05.88 (BK)= STA. 274+23.40 (AH)				
274+23.40	TO	306+19.85	40	40
STA EQ #3 STA. 306+19.85 (BK)= STA. 306+16.15 (AH)				
306+16.15	TO	455+39.00	192	192
FAP 614 (IL 78)				
365+00.00	TO	368+49.85	26	26
+00.00	TO	2+98.55	24	24
TOTAL			558	558

LOCATION				78009005	78009006	78009008	78009012	78004280	78004200
LOCATION				MODIFIED URETHANE MARKING 5" (FOOT)	MODIFIED URETHANE PAVEMENT MARKING 6"	MODIFIED URETHANE PAVEMENT MARKING 8"	MODIFIED URETHANE PAVEMENT MARKING 12"	PREFORMED PLASTIC PAVEMENT MARKING - INLAID 24"	PREFORMED PLASTIC PAVEMENT MARKING LETTERS & SYMBOLS
FAP 67 (IL 125)				WHITE	YELLOW	FOOT	FOOT	FOOT	SQFT
FAP 67 (IL 125)				EDGE LINE	CENTERLINE				
53+36.00	TO	142+63.13		17854.3	4463.6				
STA EQ #1 STA. 142+63.13 (BK)= STA. 142+68.06 (AH)									
142+68.06		274+05.88		26275.6	6568.9				
STA EQ #2 STA. 274+05.88 (BK)= STA. 274+23.40 (AH)									
274+23.40		306+19.85		6392.9	1598.2				
STA EQ #3 STA. 306+19.85 (BK)= STA. 306+16.15 (AH)									
306+16.15		443+90.00		27547.7	6886.9				
443+90.00	TO	455+39.00		2298.0	2298.0	170.0	675.0	267.0	100.0
SUBTOTAL				80369	21816				46.8
FAP 614 (IL 78)									
365+00.00	TO	368+49.85	BOTH	700.0	1000.0		80.0	13.0	
+00.00	TO	2+98.55	BOTH	598.0	960.0		80.0	12.0	
SUBTOTAL				598	960				
TOTAL				103742	170	675	427	125	47

LOCATION		Z0055300
LOCATION		RUMBLE STRIP
FAP 67 (IL 125)		EACH
438+35.00		1.0
442+62.00		1.0
444+62.00		1.0
451+54.00		1.0
453+54.00		1.0
FAP 614 (IL 78)		
365+14.40		1.0
TOTAL		6

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REV. - MS

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

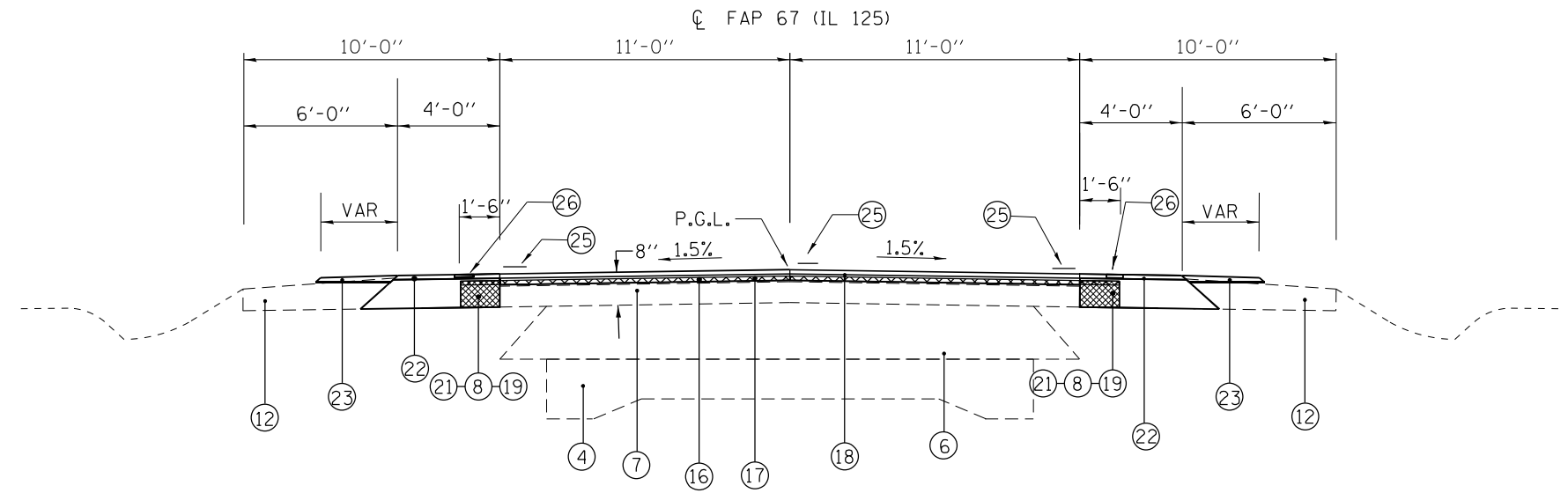
**SCHEDULE OF  
QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	13
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

# LEGEND

- ① EXISTING AGGREGATE SUB-BASE, 4"
- ② EXISTING PCC BASE COURSE 8"
- ③ EXISTING HMA BASE COURSE 10"
- ④ EXISTING PCC PAVEMENT (9" - 6" - 9")
- ⑤ EXISTING PCC WIDENING 8"
- ⑥ EXISTING GRANULAR EMBANKMENT, VARIABLE THICKNESS (3" TO 48")
- ⑦ EXISTING BITUMINOUS CONCRETE SURFACE
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER TYPE A
- ⑩ EXISTING 4" PIPE UNDERDRAIN (TBR)
- ⑪ EXISTING CONCRETE CURB & GUTTER TYPE B - 6.24
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ EXISTING PCC BASE COURSE 12"
- ⑮ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑰ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"
- ⑱ PROPOSED HMA POLY SURFACE COURSE, IL 9.5 1 1/2" MIX "C" N50
- ⑲ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑳ PROPOSED GUTTER REMOVAL
- ㉑ PROPOSED HMA SHOULDERS 6 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PROPOSED GUTTER TYPE A
- ㉕ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ㉖ PROPOSED SHOULDER RUMBLE STRIPS 8"
- ㉗ PROPOSED PIPE UNDERDRAIN 4"
- ㉘ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- ㉙ PROPOSED CONCRETE CURB & GUTTER TYPE B - 6.24
- ㉚ PROPOSED PIPE UNDERDRAIN REM
- ㉛ PROPOSED 10" HMA BASE COURSE WIDENING



**TYPICAL SECTION # 1 (FAP 67 - IL 125)**

STA 53+36.00 TO STA 64+99.00  
 STA 181+10.00 TO STA 189+00.00  
 STA 248+00.00 TO STA 254+42.00  
 STA 255+93.00 TO STA 256+72.00

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - IL 125**

SCALE: SHEET 1 OF 13 SHEETS STA. TO STA.

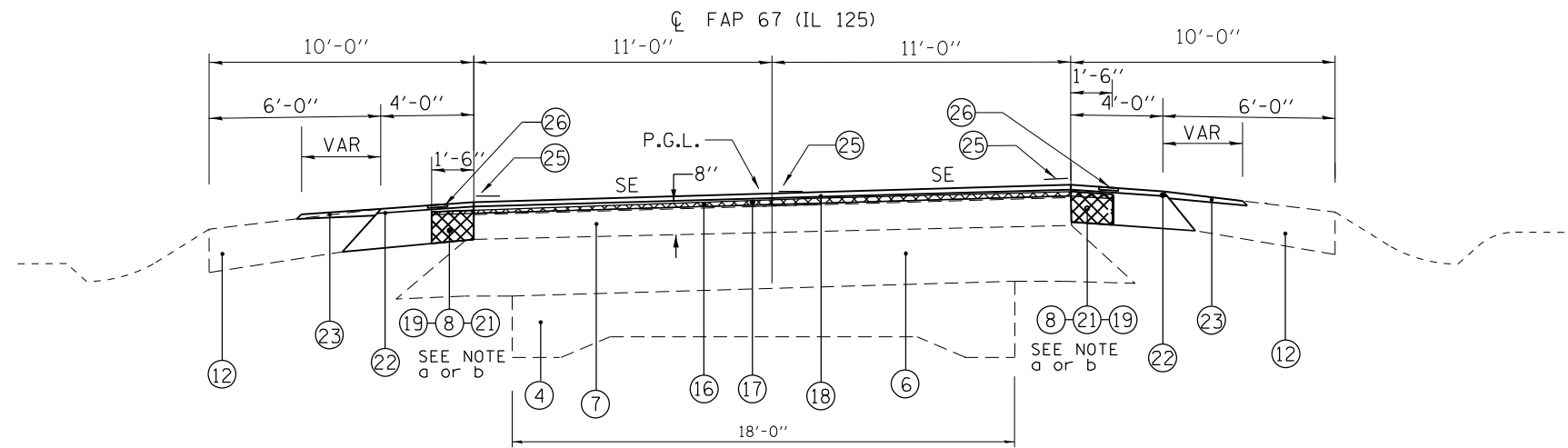
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	14
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

# LEGEND

- ① EXISTING AGGREGATE SUB-BASE, 4"
- ② EXISTING PCC BASE COURSE 8"
- ③ EXISTING HMA BASE COURSE 10"
- ④ EXISTING PCC PAVEMENT (9" - 6" - 9")
- ⑤ EXISTING PCC WIDENING 8"
- ⑥ EXISTING GRANULAR EMBANKMENT, VARIABLE THICKNESS (3" TO 48")
- ⑦ EXISTING BITUMINOUS CONCRETE SURFACE
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER TYPE A
- ⑩ EXISTING 4" PIPE UNDERDRAIN (TBR)
- ⑪ EXISTING CONCRETE CURB & GUTTER TYPE B - 6.24
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ EXISTING PCC BASE COURSE 12"
- ⑮ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑰ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"
- ⑱ PROPOSED HMA POLY SURFACE COURSE, IL 9.5 1 1/2" MIX "C" N50
- ⑲ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑳ PROPOSED GUTTER REMOVAL
- ㉑ PROPOSED HMA SHOULDERS 6 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PROPOSED GUTTER TYPE A
- ㉕ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ㉖ PROPOSED SHOULDER RUMBLE STRIPS 8"
- ㉗ PROPOSED PIPE UNDERDRAIN 4"
- ㉘ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- ㉙ PROPOSED CONCRETE CURB & GUTTER TYPE B - 6.24
- ㉚ PROPOSED PIPE UNDERDRAIN REM
- ㉛ PROPOSED 10" HMA BASE COURSE WIDENING

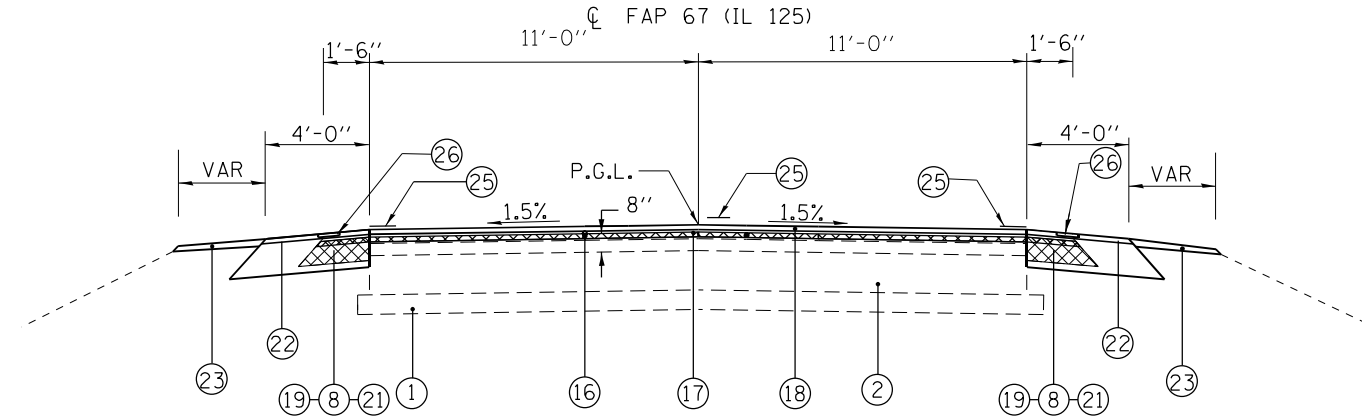
**NOTES:**  
SHOULDER SLOPES:

- a LOW SIDE OF SE: THE SHOULDER SLOPE SHALL BE THE SAME AS SE RATE BUT NOT LESS THAN 4.0%.
- b THE SHOULDER SLOPE SHALL BE 4.0%. WHEN THE SE RATE OF THE PAVEMENT EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER SLOPES WILL NOT BE GREATER THAN 8.0%.



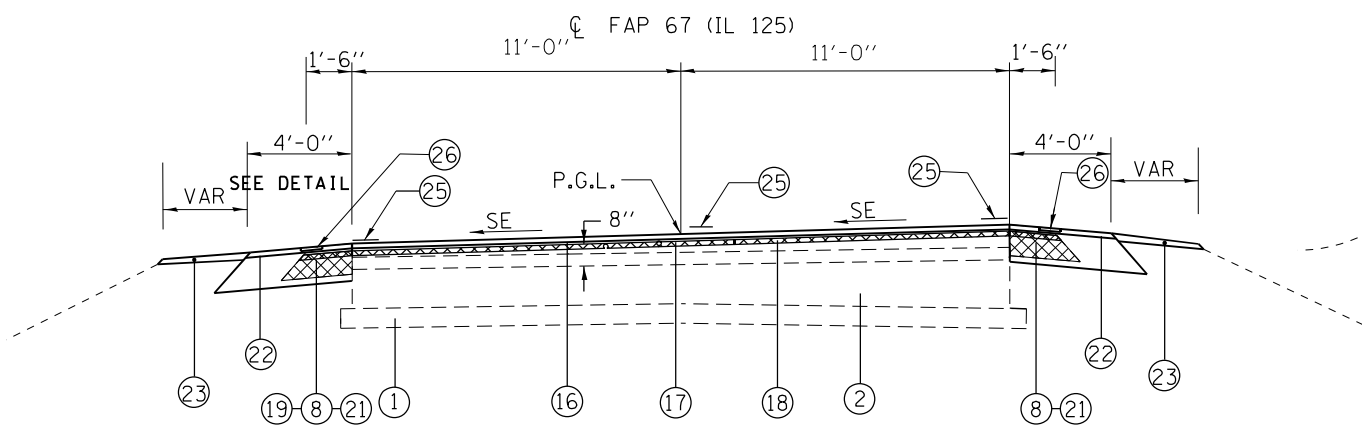
**TYPICAL SECTION # 2 (FAP 67 - IL 125)**

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 STA 88+00.00 TO STA 95+36.00  
 STA 256+72.00 TO STA 261+21.00



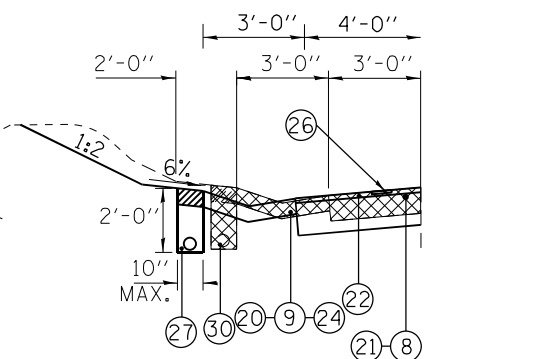
**TYPICAL SECTION # 3 (FAP 67 - IL 125)**

STA 76+01.00 TO STA 78+20.00  
 STA 229+32.00 TO STA 231+64.00



**TYPICAL SECTION # 4 (FAP 67 - IL 125)**

STA 78+20.00 TO STA 88+00.00  
 STA 237+67.00 TO STA 240+44.00



STA 231+62.00 TO STA 237+79.00 LT

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DRAWN -	REVISOR -	REVISOR -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 3/24/2023	DATE -	REVISOR -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - IL 125**

SCALE: SHEET 2 OF 13 SHEETS STA. TO STA.

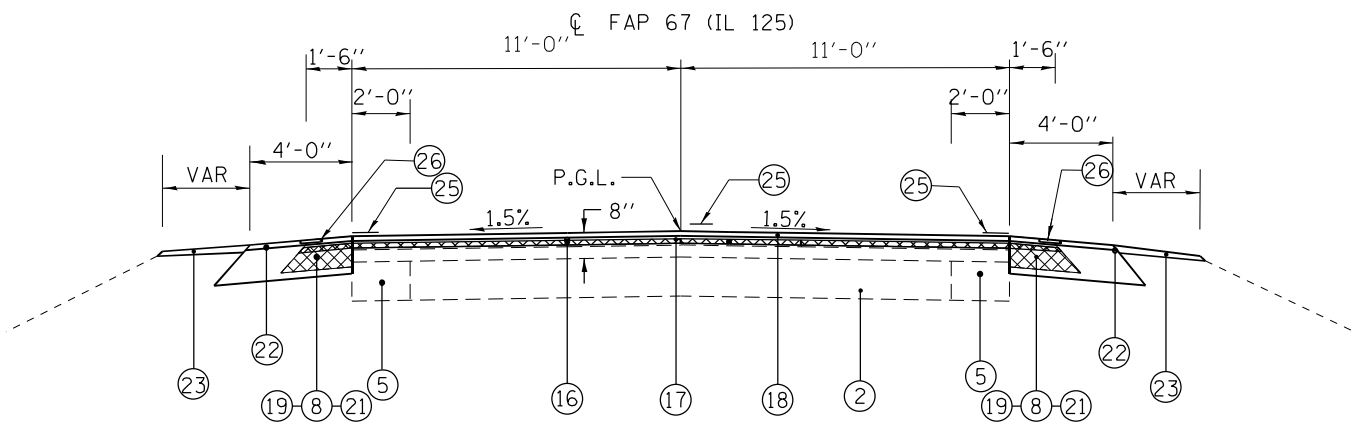
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	15
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

# LEGEND

- ① EXISTING AGGREGATE SUB-BASE, 4"
- ② EXISTING PCC BASE COURSE 8"
- ③ EXISTING HMA BASE COURSE 10"
- ④ EXISTING PCC PAVEMENT (9" - 6" - 9")
- ⑤ EXISTING PCC WIDENING 8"
- ⑥ EXISTING GRANULAR EMBANKMENT, VARIABLE THICKNESS (3" TO 48")
- ⑦ EXISTING BITUMINOUS CONCRETE SURFACE
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER TYPE A
- ⑩ EXISTING 4" PIPE UNDERDRAIN (TBR)
- ⑪ EXISTING CONCRETE CURB & GUTTER TYPE B - 6.24
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ EXISTING PCC BASE COURSE 12"
- ⑮ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑰ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"
- ⑱ PROPOSED HMA POLY SURFACE COURSE, IL 9.5 1/2" MIX "C" N50
- ⑲ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑳ PROPOSED GUTTER REMOVAL
- ㉑ PROPOSED HMA SHOULDERS 6 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PROPOSED GUTTER TYPE A
- ㉕ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ㉖ PROPOSED SHOULDER RUMBLE STRIPS 8"
- ㉗ PROPOSED PIPE UNDERDRAIN 4"
- ㉘ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- ㉙ PROPOSED CONCRETE CURB & GUTTER TYPE B - 6.24
- ㉚ PROPOSED PIPE UNDERDRAIN REM
- ㉛ PROPOSED 10" HMA BASE COURSE WIDENING

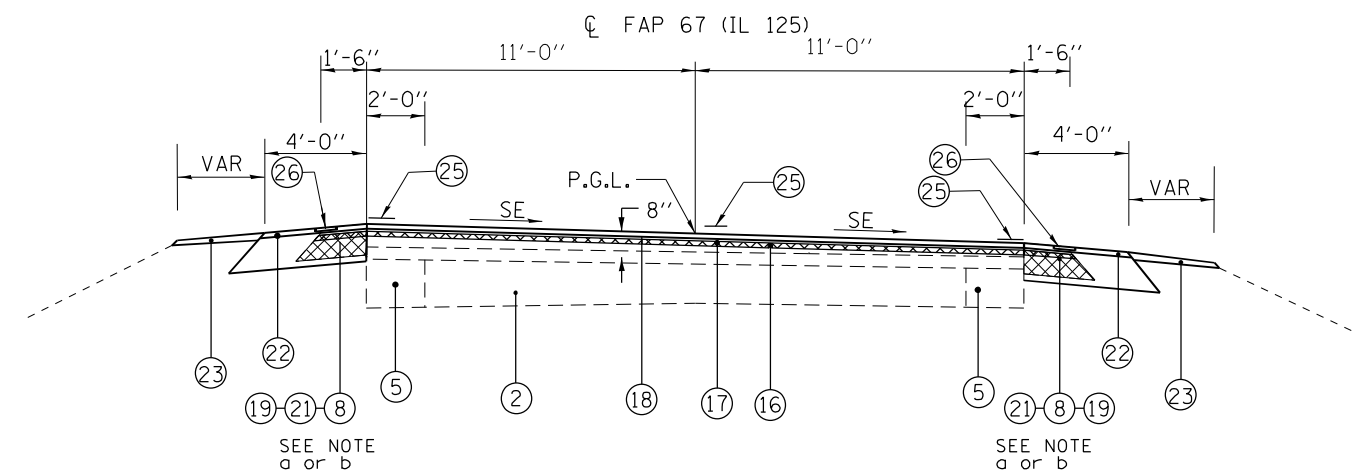
### NOTES: SHOULDER SLOPES:

- a LOW SIDE OF SE: THE SHOULDER SLOPE SHALL BE THE SAME AS SE RATE BUT NOT LESS THAN 4.0%.
- b THE SHOULDER SLOPE SHALL BE 4.0%. WHEN THE SE RATE OF THE PAVEMENT EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER SLOPES WILL NOT BE GREATER THAN 8.0%.



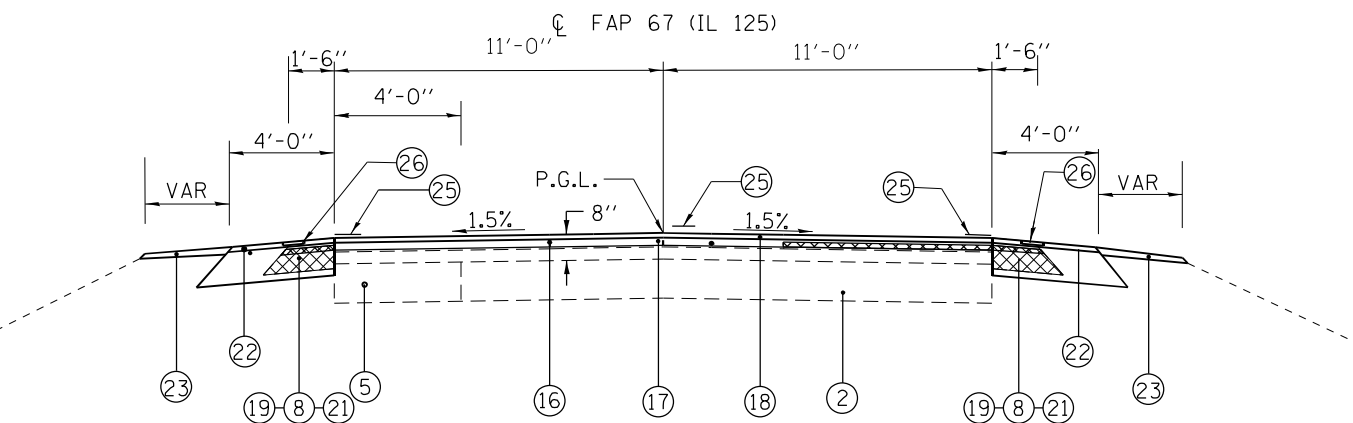
TYPICAL SECTION # 5 (FAP 67 - IL 125)

STA 95+36.00 TO STA 105+00.00



TYPICAL SECTION # 6 (FAP 67 - IL 125)

STA 105+00.00 TO STA 113+34.00



TYPICAL SECTION # 7 (FAP 67 - IL 125)

STA 113+34.00 TO STA 115+44.00

STA 120+52.00 TO STA 126+00.00

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PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - IL 125**

SCALE: SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	16
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				



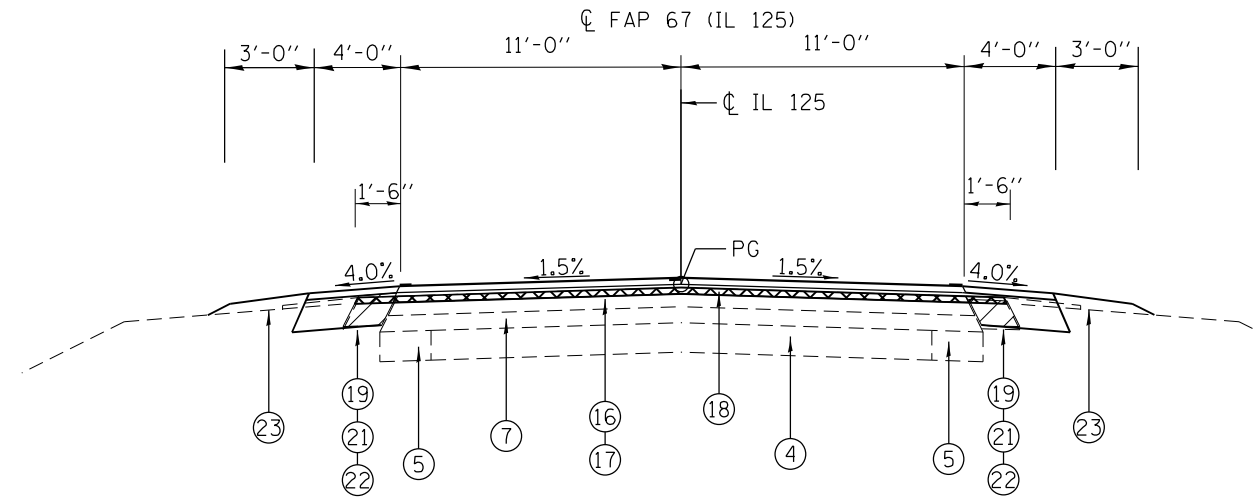


## LEGEND

- ① EXISTING AGGREGATE SUB-BASE, 4"
- ② EXISTING PCC BASE COURSE 8"
- ③ EXISTING HMA BASE COURSE 10"
- ④ EXISTING PCC PAVEMENT (9" - 6" - 9")
- ⑤ EXISTING PCC WIDENING 8"
- ⑥ EXISTING GRANULAR EMBANKMENT, VARIABLE THICKNESS (3" TO 48")
- ⑦ EXISTING BITUMINOUS CONCRETE SURFACE
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER TYPE A
- ⑩ EXISTING 4" PIPE UNDERDRAIN (TBR)
- ⑪ EXISTING CONCRETE CURB & GUTTER TYPE B - 6.24
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ EXISTING PCC BASE COURSE 12"
- ⑮ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑰ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"
- ⑱ PROPOSED HMA POLY SURFACE COURSE, IL 9.5 1/2" MIX "C" N50
- ⑲ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑳ PROPOSED GUTTER REMOVAL
- ㉑ PROPOSED HMA SHOULDERS 6 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PROPOSED GUTTER TYPE A
- ㉕ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ㉖ PROPOSED SHOULDER RUMBLE STRIPS 8"
- ㉗ PROPOSED PIPE UNDERDRAIN 4"
- ㉘ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- ㉙ PROPOSED CONCRETE CURB & GUTTER TYPE B - 6.24
- ㉚ PROPOSED PIPE UNDERDRAIN REM
- ㉛ PROPOSED 10" HMA BASE COURSE WIDENING

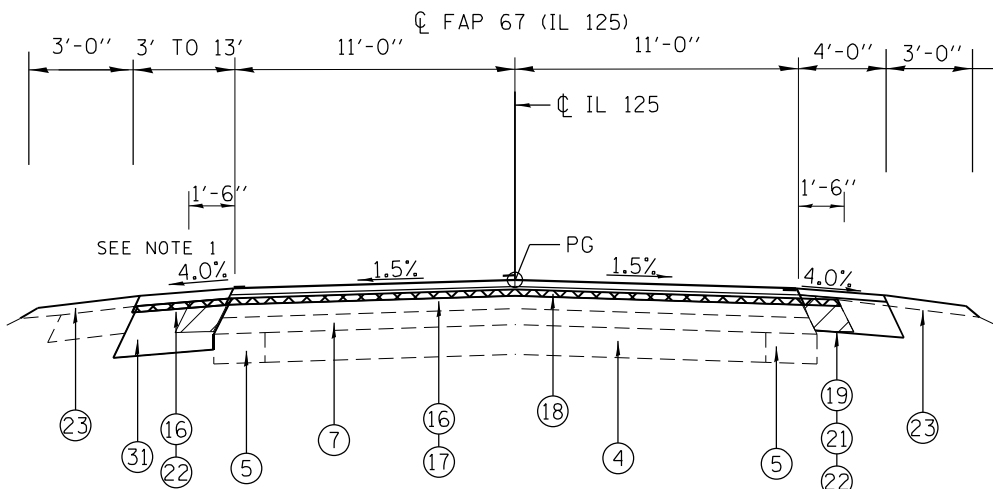
**NOTES:**

1. PROP. HMA BASE COURSE STA 149+32.00 TO STA 154+70.00  
TRANSITION HMA BASE COURSE AS FOLLOWS:  
3' AT STA 149+72.62 LT TO 13' AT STA 150+95.81 LT  
13' AT STA 153+09.31 LT TO 3' AT STA 154+27.14 LT
2. PROP. HMA BASE COURSE STA 150+05.00 TO STA 153+81.00  
TRANSITION HMA BASE COURSE AS FOLLOWS:  
3' AT STA 150+37.00 RT TO 7' AT STA 150+86.50 RT  
7' AT STA 153+00.00 RT TO 3' AT STA 153+49.50 RT



**TYPICAL SECTION # 10 (FAP 67 - IL 125)**

LT STA 147+47.68 TO STA 149+32.00  
RT STA 147+47.68 TO STA 150+05.00  
RT STA 153+80.01 TO STA 153+97.72



**TYPICAL SECTION # 11 (FAP 67 - IL 125)**

LT STA 149+32 TO STA 150+21.90  
LT STA 153+97.72 TO STA 154+70

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DRAWN -	REVISOR -	REVISION -	
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PLOT DATE = 3/24/2023	DATE -	REVISION -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - IL 125**

SCALE: SHEET 5 OF 13 SHEETS STA. TO STA.

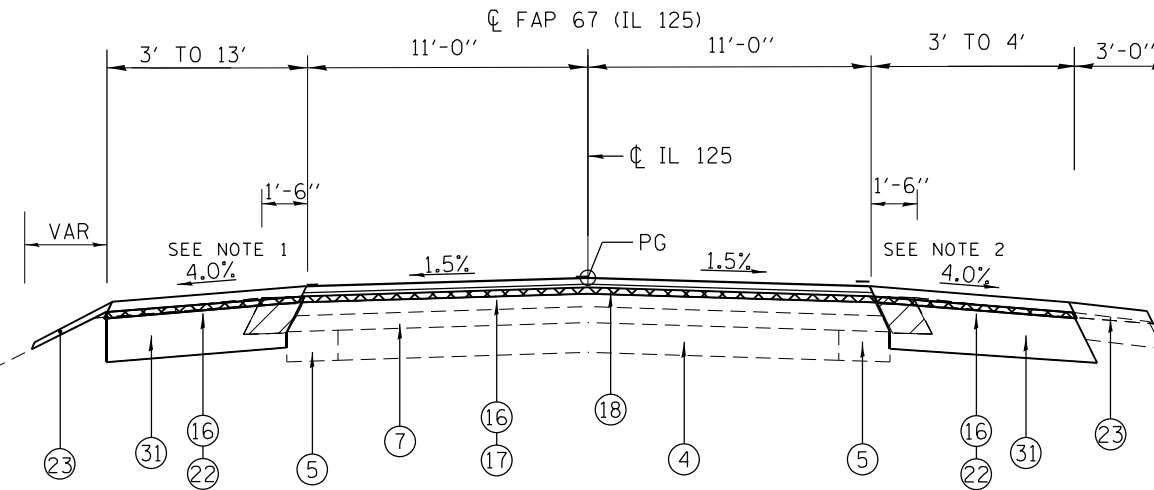
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	18
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

## LEGEND

- ① EXISTING AGGREGATE SUB-BASE, 4"
- ② EXISTING PCC BASE COURSE 8"
- ③ EXISTING HMA BASE COURSE 10"
- ④ EXISTING PCC PAVEMENT (9" - 6" - 9")
- ⑤ EXISTING PCC WIDENING 8"
- ⑥ EXISTING GRANULAR EMBANKMENT, VARIABLE THICKNESS (3" TO 48")
- ⑦ EXISTING BITUMINOUS CONCRETE SURFACE
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER TYPE A
- ⑩ EXISTING 4" PIPE UNDERDRAIN (TBR)
- ⑪ EXISTING CONCRETE CURB & GUTTER TYPE B - 6.24
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ EXISTING PCC BASE COURSE 12"
- ⑮ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑰ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"
- ⑱ PROPOSED HMA POLY SURFACE COURSE, IL 9.5 1 1/2" MIX "C" N50
- ⑲ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑳ PROPOSED GUTTER REMOVAL
- ㉑ PROPOSED HMA SHOULDERS 6 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PROPOSED GUTTER TYPE A
- ㉕ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ㉖ PROPOSED SHOULDER RUMBLE STRIPS 8"
- ㉗ PROPOSED PIPE UNDERDRAIN 4"
- ㉘ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- ㉙ PROPOSED CONCRETE CURB & GUTTER TYPE B - 6.24
- ㉚ PROPOSED PIPE UNDERDRAIN REM
- ㉛ PROPOSED 10" HMA BASE COURSE WIDENING

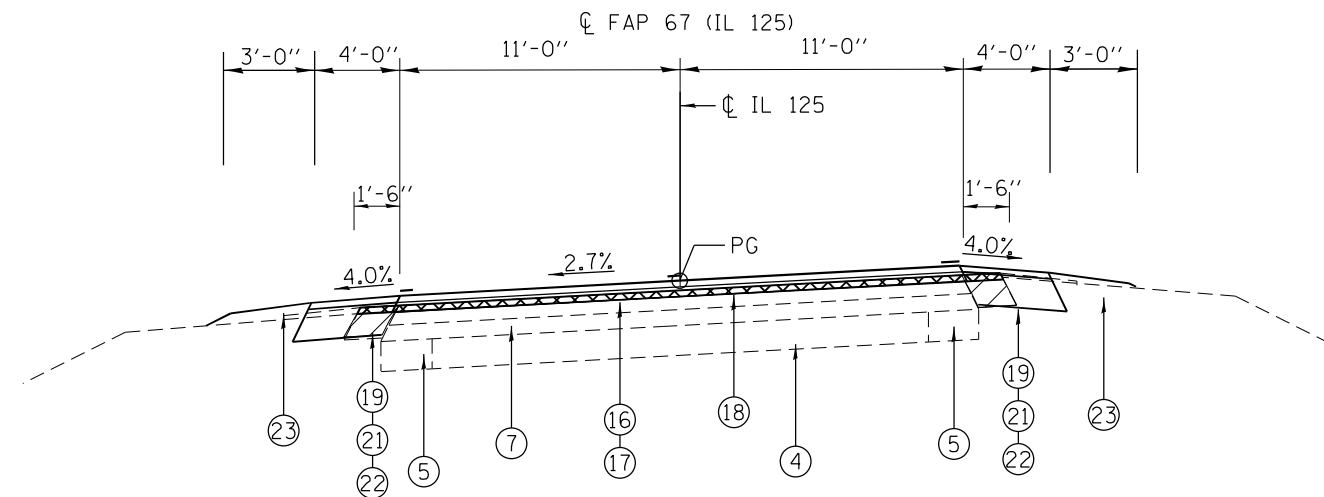
**NOTES:**

1. PROP. HMA BASE COURSE STA 149+32.00 TO STA 154+70.00  
TRANSITION HMA BASE COURSE AS FOLLOWS:  
3' AT STA 149+72.62 LT TO 13' AT STA 150+95.81 LT  
13' AT STA 153+09.31 LT TO 3' AT STA 154+27.14 LT
2. PROP. HMA BASE COURSE STA 150+05.00 TO STA 153+81.00  
TRANSITION HMA BASE COURSE AS FOLLOWS:  
3' AT STA 150+37.00 RT TO 7' AT STA 150+86.50 RT  
7' AT STA 153+00.00 RT TO 3' AT STA 153+49.50 RT



**TYPICAL SECTION # 12 (FAP 67 - IL 125)**

LT STA 150+21.90 TO STA 153+80.01  
RT STA 150+05 TO STA 153+81



**TYPICAL SECTION # 13 (FAP 67 - IL 125)**

RT STA 153+97.72 TO STA 156+53.03  
LT STA 154+70.00 TO STA 156+53.03

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DRAWN -	REVISOR -	REVISION -	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

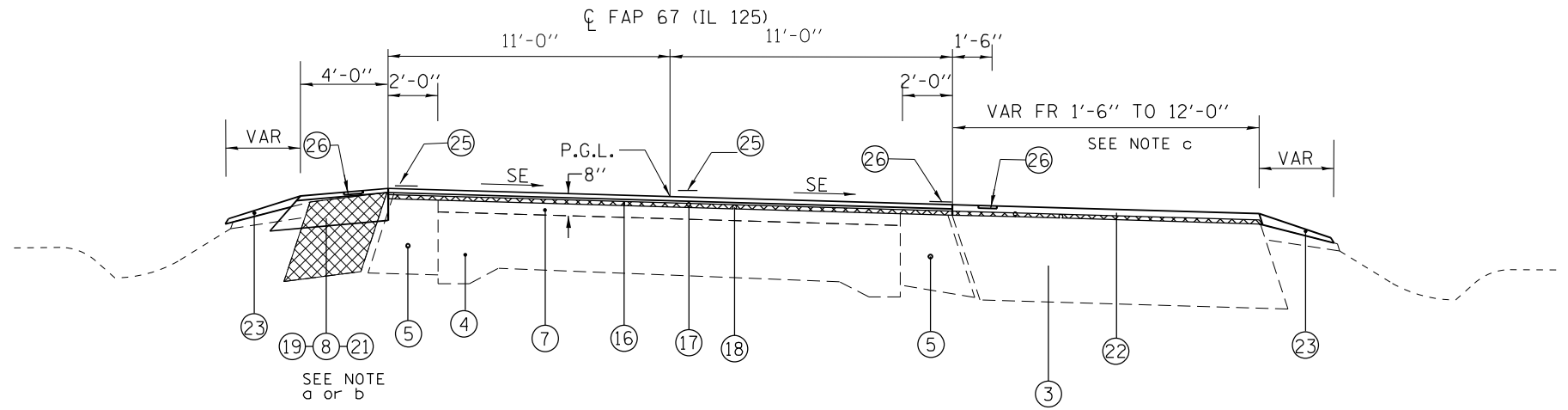
**TYPICAL SECTIONS - IL 125**

SCALE: SHEET 6 OF 13 SHEETS STA. TO STA.

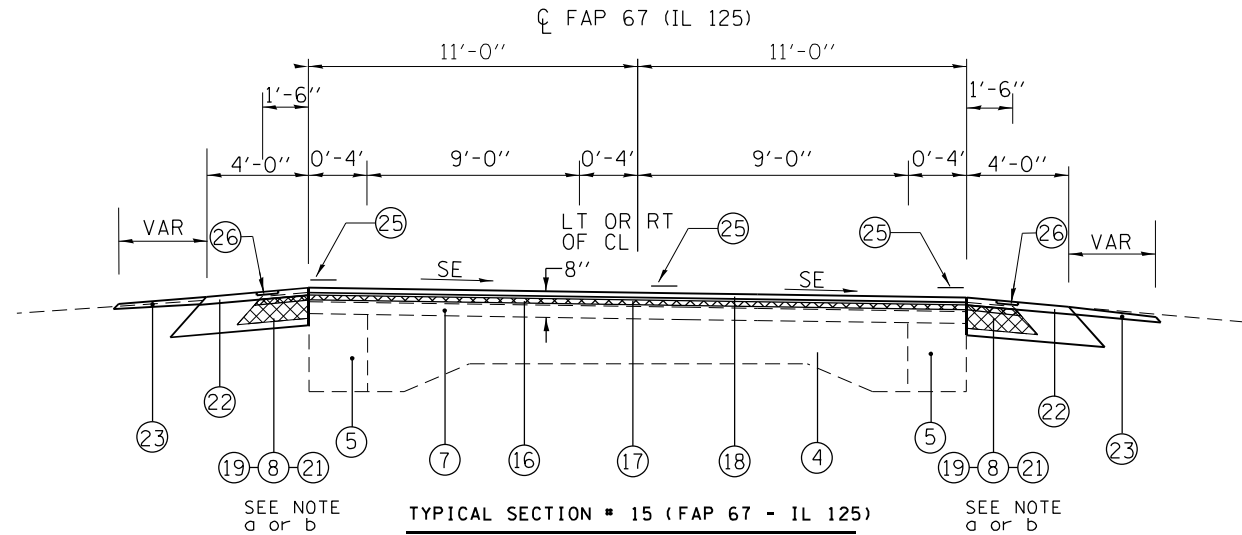
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	19
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

# LEGEND

- ① EXISTING AGGREGATE SUB-BASE, 4"
- ② EXISTING PCC BASE COURSE 8"
- ③ EXISTING HMA BASE COURSE 10"
- ④ EXISTING PCC PAVEMENT (9" - 6" - 9")
- ⑤ EXISTING PCC WIDENING 8"
- ⑥ EXISTING GRANULAR EMBANKMENT, VARIABLE THICKNESS (3" TO 48")
- ⑦ EXISTING BITUMINOUS CONCRETE SURFACE
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER TYPE A
- ⑩ EXISTING 4" PIPE UNDERDRAIN (TBR)
- ⑪ EXISTING CONCRETE CURB & GUTTER TYPE B - 6.24
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ EXISTING PCC BASE COURSE 12"
- ⑮ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑰ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"
- ⑱ PROPOSED HMA POLY SURFACE COURSE, IL 9.5 1 1/2" MIX "C" N50
- ⑲ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑳ PROPOSED GUTTER REMOVAL
- ㉑ PROPOSED HMA SHOULDERS 6 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PROPOSED GUTTER TYPE A
- ㉕ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ㉖ PROPOSED SHOULDER RUMBLE STRIPS 8"
- ㉗ PROPOSED PIPE UNDERDRAIN 4"
- ㉘ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- ㉙ PROPOSED CONCRETE CURB & GUTTER TYPE B - 6.24
- ㉚ PROPOSED PIPE UNDERDRAIN REM
- ㉛ PROPOSED 10" HMA BASE COURSE WIDENING



TYPICAL SECTION # 14 (FAP 67 - IL 125)  
STA 130+50.00 TO STA 139+49.00



TYPICAL SECTION # 15 (FAP 67 - IL 125)  
STA 156+53.03 TO STA 181+10.00 (ROTATE 180 DEGREES)  
STA 189+01.00 TO STA 198+83.00 (ROTATE 180 DEGREES)  
STA 205+80.00 TO STA 214+43.00 (ROTATE 180 DEGREES)  
STA 261+21.00 TO STA 265+52.00 (ROTATED 180 DEGREES)  
STA 272+50.00 TO STA 274+05.88 (BK)  
STA 274+23.40 (AH) TO STA 292+38.00  
STA 292+72.00 TO STA 306+19.85 (BK) (ROTATED 180 DEGREES)  
STA 306+16.15 (AH) TO STA 307+95.00 (ROTATED 180 DEGREES)

STATION EQUATION  
STA 274+05.88 R4 BK=  
STA 274+23.40 R5 AH

STATION EQUATION  
STA 306+19.85 R5 BK=  
STA 306+16.15 R6 AH

NOTES:  
SHOULDER SLOPES:

- a LOW SIDE OF SE: THE SHOULDER SLOPE SHALL BE THE SAME AS SE RATE BUT NOT LESS THAN 4.0%
- b HIGH SIDE OF SE: WHEN THE SE RATE OF THE PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SLOPE SHALL BE 4.0%. WHEN THE SE RATE OF THE PAVEMENT EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER SLOPES WILL NOT BE GREATER THAN 8.0%.
- c 12' PAVEMENT FR STA 135+00.00 TO STA 138+07.00 RT

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USER NAME = jonathan.Cox	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/24/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - IL 125

SCALE: SHEET 7 OF 13 SHEETS STA. TO STA.

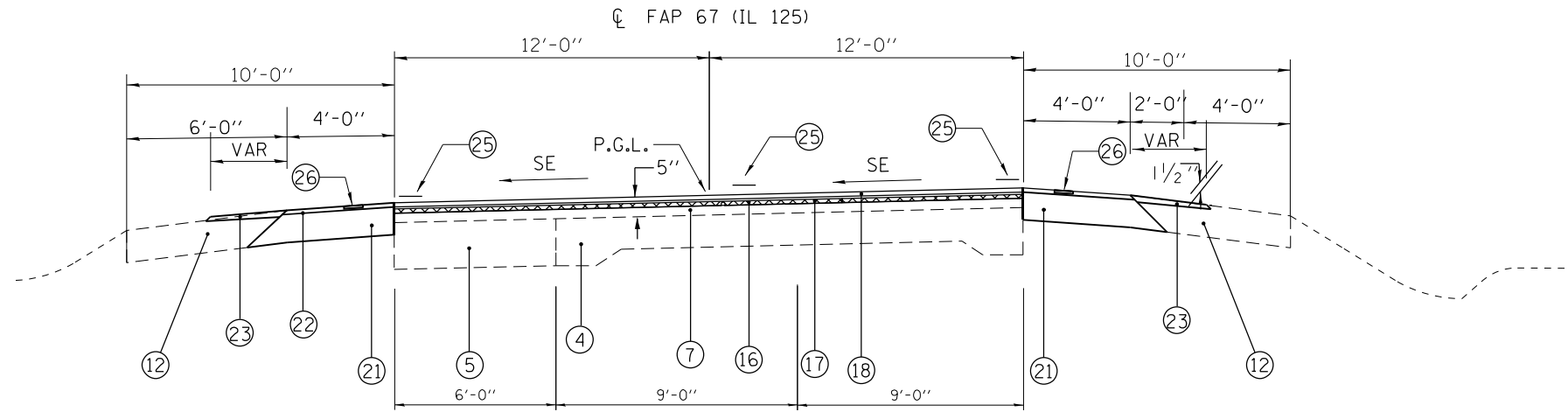
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	20
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				



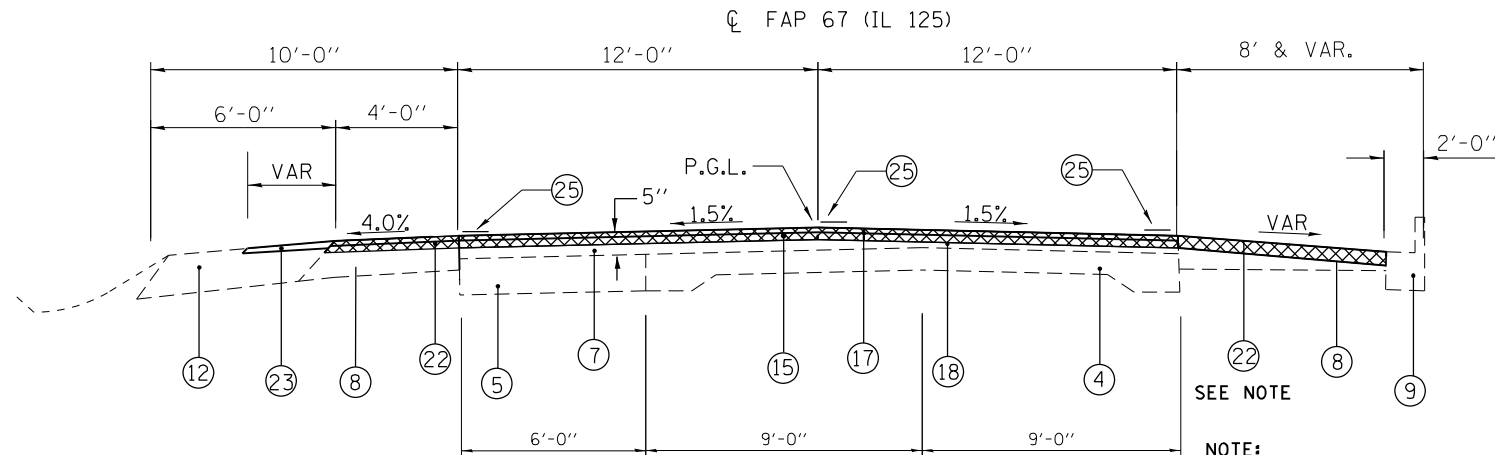


# LEGEND

- ① EXISTING AGGREGATE SUB-BASE, 4"
- ② EXISTING PCC BASE COURSE 8"
- ③ EXISTING HMA BASE COURSE 10"
- ④ EXISTING PCC PAVEMENT (9" - 6" - 9")
- ⑤ EXISTING PCC WIDENING 8"
- ⑥ EXISTING GRANULAR EMBANKMENT, VARIABLE THICKNESS (3" TO 48")
- ⑦ EXISTING BITUMINOUS CONCRETE SURFACE
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER TYPE A
- ⑩ EXISTING 4" PIPE UNDERDRAIN (TBR)
- ⑪ EXISTING CONCRETE CURB & GUTTER TYPE B - 6.24
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ EXISTING PCC BASE COURSE 12"
- ⑮ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑰ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"
- ⑱ PROPOSED HMA POLY SURFACE COURSE, IL 9.5 1 1/2" MIX "C" N50
- ⑲ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑳ PROPOSED GUTTER REMOVAL
- ㉑ PROPOSED HMA SHOULDERS 6 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PROPOSED GUTTER TYPE A
- ㉕ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ㉖ PROPOSED SHOULDER RUMBLE STRIPS 8"
- ㉗ PROPOSED PIPE UNDERDRAIN 4"
- ㉘ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- ㉙ PROPOSED CONCRETE CURB & GUTTER TYPE B - 6.24
- ㉚ PROPOSED PIPE UNDERDRAIN REM
- ㉛ PROPOSED 10" HMA BASE COURSE WIDENING

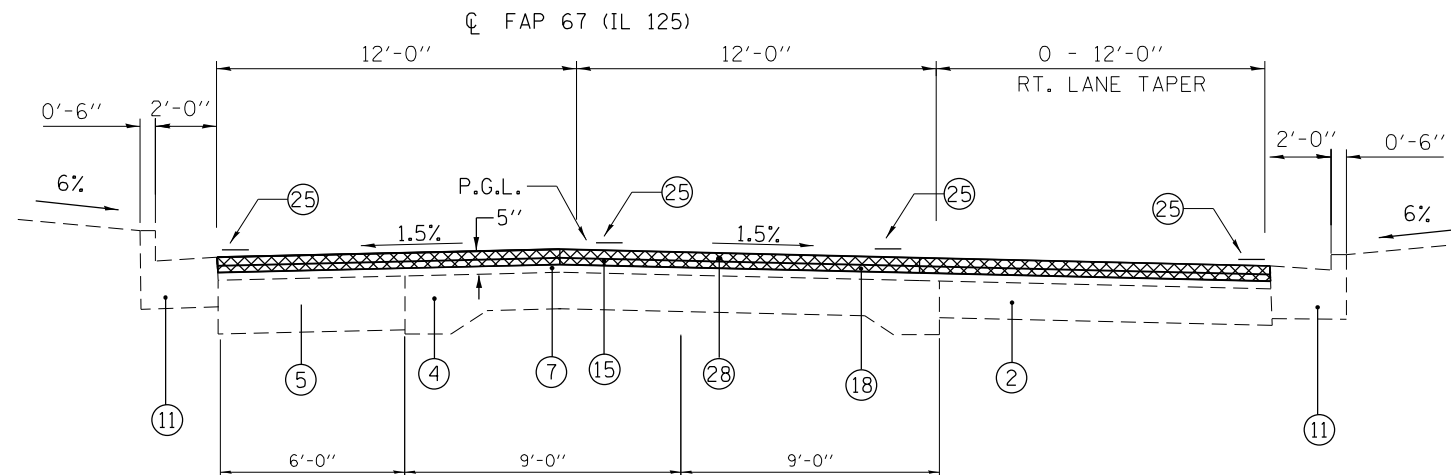


**TYPICAL SECTION # 21 (FAP 67 - IL 125)**  
 STA 330+68.00 TO STA 344+57.00  
 STA 388+77.00 TO STA 405+72.00 (ROTATE 180 DEGREES)  
 STA 416+00.00 TO STA 426+52.00 (ROTATE 180 DEGREES)



**TYPICAL SECTION # 22 (FAP 67 - IL 125)**  
 STA 436+95.00 TO STA 443+90.00

NOTE:  
 REMOVAL WILL VARY AT SHOULDER AREA TO KEEP SHOULDER FROM BURYING THE EXISTING CURB & GUTTER.



**TYPICAL SECTION # 23 (FAP 67 - IL 125)**  
 STA 443+90.00 TO STA 445+14.00

**NOTES:  
 SHOULDER SLOPES:**

- (a) LOW SIDE OF SE: THE SHOULDER SLOPE SHALL BE THE SAME AS SE RATE BUT NOT LESS THAN 4.0%.
- (b) HIGH SIDE OF SE: WHEN THE SE RATE OF THE PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SLOPE SHALL BE 4.0%. WHEN THE SE RATE OF THE PAVEMENT EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER SLOPES WILL NOT BE GREATER THAN 8.0%.

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DRAWN -	REVISOR -	REVISION -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 3/24/2023	DATE -	REVISION -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

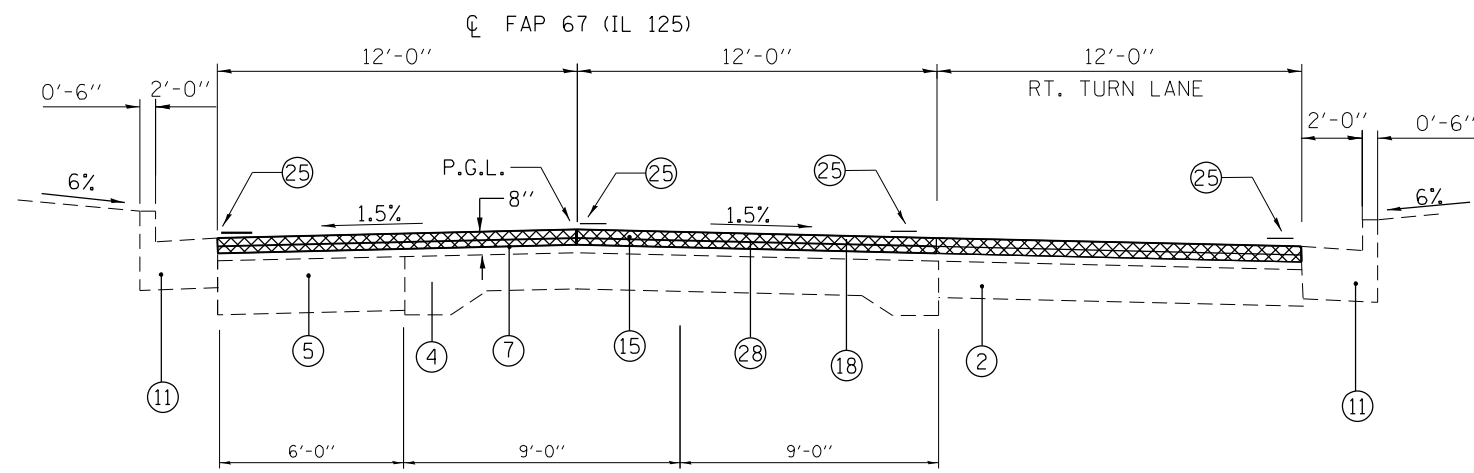
**TYPICAL SECTIONS - IL 125**

SCALE: SHEET 10 OF 13 SHEETS STA. TO STA.

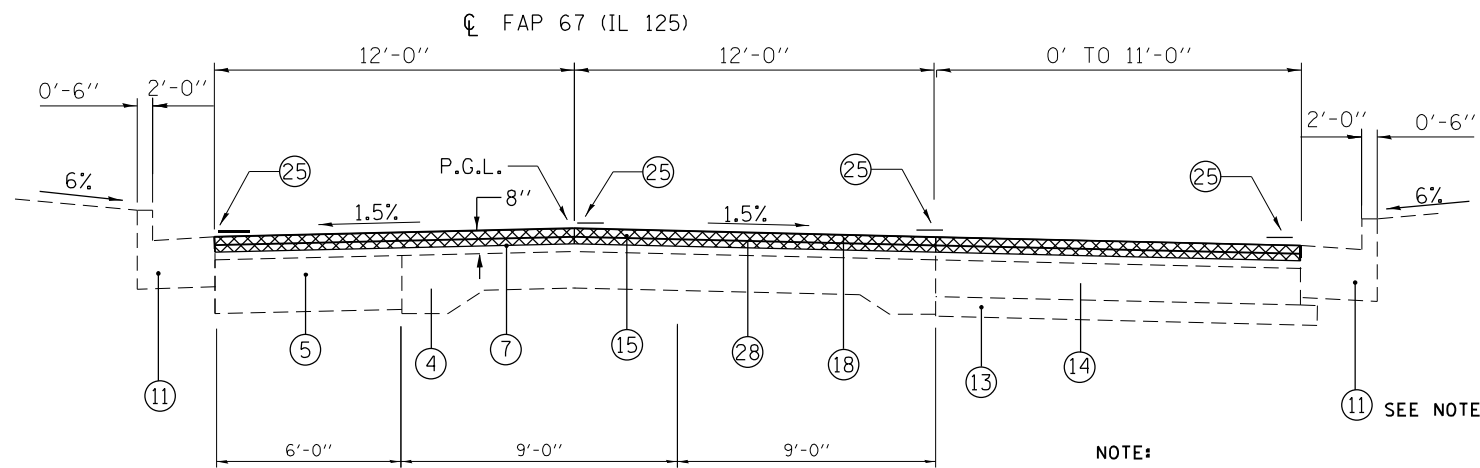
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	23
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

# LEGEND

- ① EXISTING AGGREGATE SUB-BASE, 4"
- ② EXISTING PCC BASE COURSE 8"
- ③ EXISTING HMA BASE COURSE 10"
- ④ EXISTING PCC PAVEMENT (9" - 6" - 9")
- ⑤ EXISTING PCC WIDENING 8"
- ⑥ EXISTING GRANULAR EMBANKMENT, VARIABLE THICKNESS (3" TO 48")
- ⑦ EXISTING BITUMINOUS CONCRETE SURFACE
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER TYPE A
- ⑩ EXISTING 4" PIPE UNDERDRAIN (TBR)
- ⑪ EXISTING CONCRETE CURB & GUTTER TYPE B - 6.24
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ EXISTING PCC BASE COURSE 12"
- ⑮ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑰ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"
- ⑱ PROPOSED HMA POLY SURFACE COURSE, IL 9.5 1 1/2" MIX "C" N50
- ⑲ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑳ PROPOSED GUTTER REMOVAL
- ㉑ PROPOSED HMA SHOULDERS 6 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PROPOSED GUTTER TYPE A
- ㉕ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ㉖ PROPOSED SHOULDER RUMBLE STRIPS 8"
- ㉗ PROPOSED PIPE UNDERDRAIN 4"
- ㉘ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- ㉙ PROPOSED CONCRETE CURB & GUTTER TYPE B - 6.24
- ㉚ PROPOSED PIPE UNDERDRAIN REM
- ㉛ PROPOSED 10" HMA BASE COURSE WIDENING

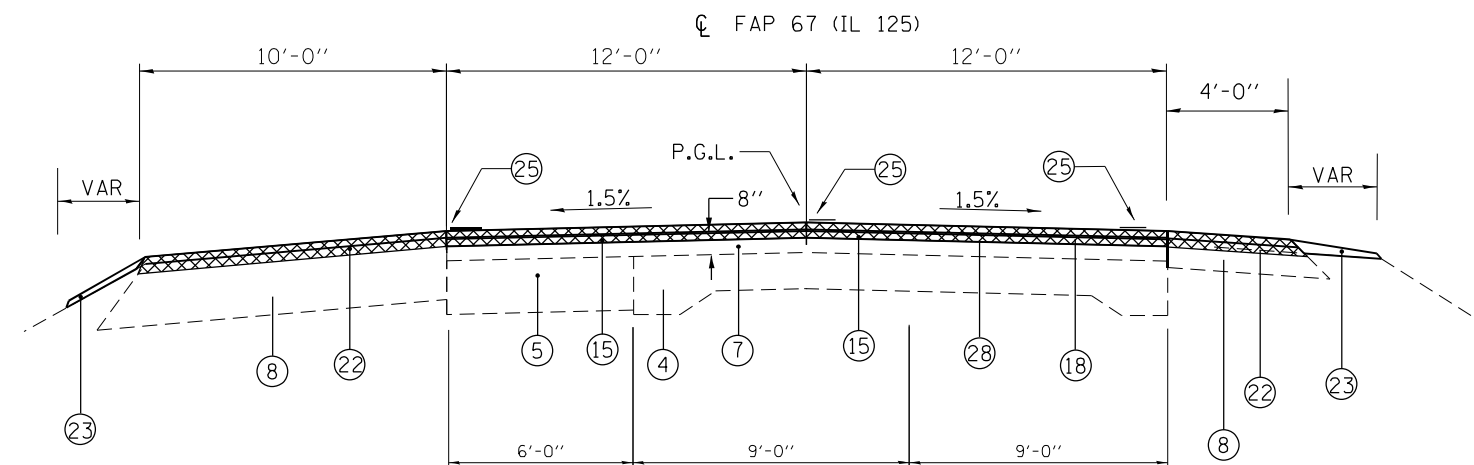


TYPICAL SECTION # 24 (FAP 67 - IL 125)  
STA 445+14.00 TO STA 448+05.00



TYPICAL SECTION # 25 (FAP 67 - IL 125)  
STA 448+05.00 TO STA 451+13.00

NOTE:  
EXISTING CURB AND GUTTER ENDS AND  
4' HMA SHOULDERS & 2' AGG SHOULDER BEGIN STA 450+74.00 LT



TYPICAL SECTION # 26 (FAP 67 - IL 125)  
STA 451+13.00 TO STA 455+39.00

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DRAWN -	REVISOR -	REVISOR -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISOR -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - IL 125			
SCALE:	SHEET 11	OF 13 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	24
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

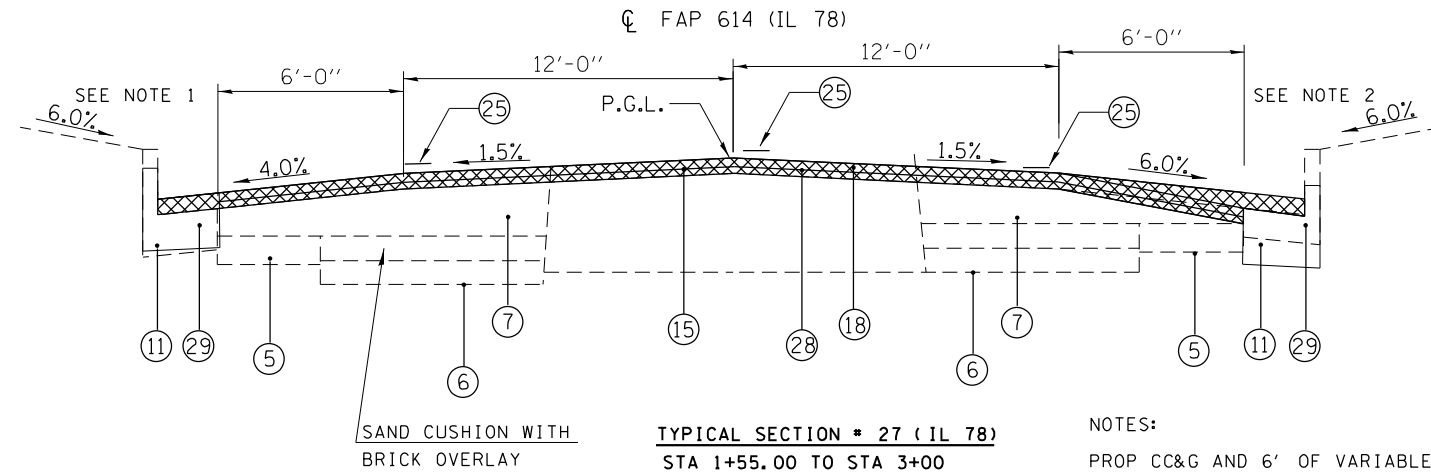


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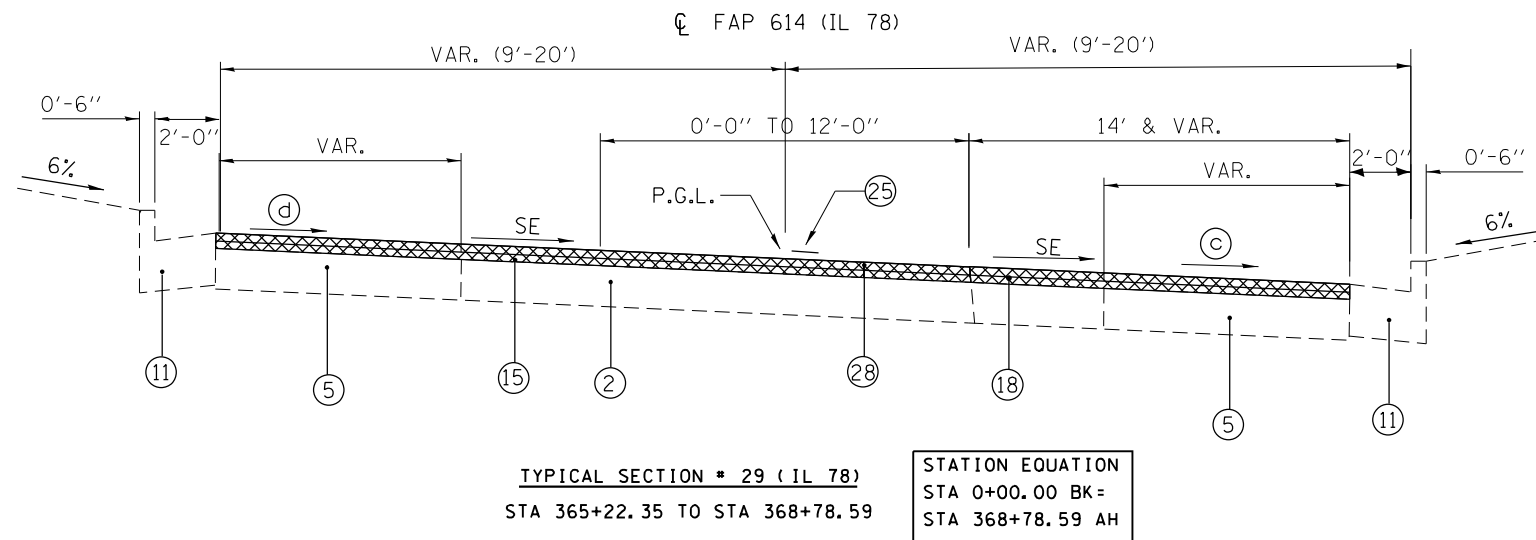
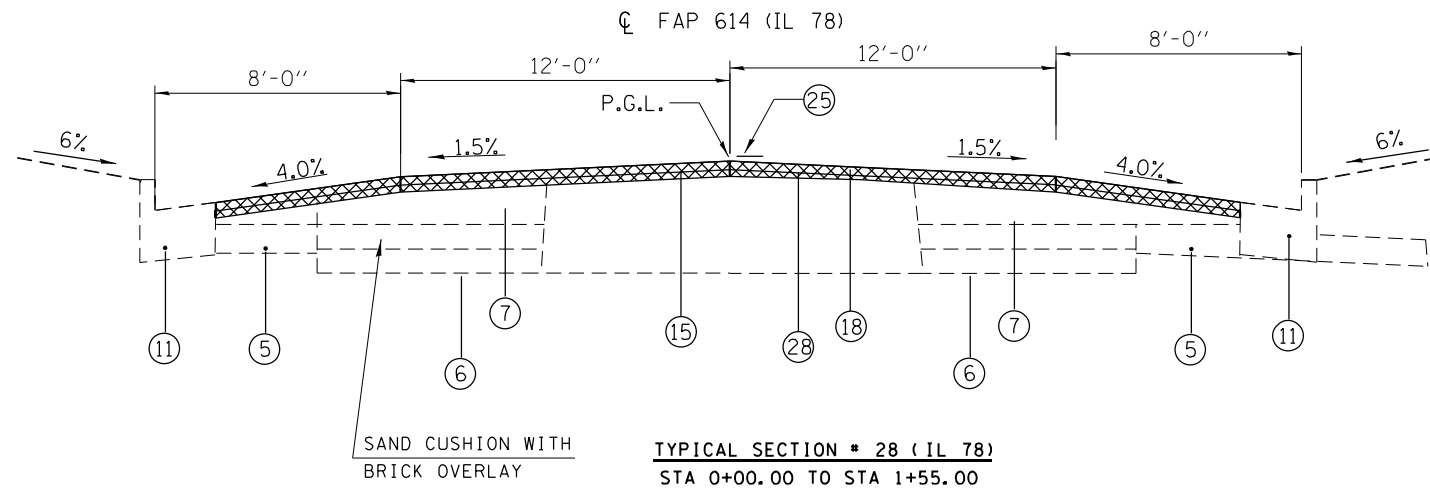
- ① EXISTING AGGREGATE SUB-BASE, 4"
- ② EXISTING PCC BASE COURSE 8"
- ③ EXISTING HMA BASE COURSE 10"
- ④ EXISTING PCC PAVEMENT (9" - 6" - 9")
- ⑤ EXISTING PCC WIDENING 8"
- ⑥ EXISTING GRANULAR EMBANKMENT, VARIABLE THICKNESS (3" TO 48")
- ⑦ EXISTING BITUMINOUS CONCRETE SURFACE
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER TYPE A
- ⑩ EXISTING 4" PIPE UNDERDRAIN (TBR)
- ⑪ EXISTING CONCRETE CURB & GUTTER TYPE B - 6.24
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ EXISTING PCC BASE COURSE 12"
- ⑮ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑰ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"
- ⑱ PROPOSED HMA POLY SURFACE COURSE, IL 9.5 1 1/2" MIX "C" N50
- ⑲ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑳ PROPOSED GUTTER REMOVAL
- ㉑ PROPOSED HMA SHOULDERS 6 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PROPOSED GUTTER TYPE A
- ㉕ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ㉖ PROPOSED SHOULDER RUMBLE STRIPS 8"
- ㉗ PROPOSED PIPE UNDERDRAIN 4"
- ㉘ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- ㉙ PROPOSED CONCRETE CURB & GUTTER TYPE B - 6.24
- ㉚ PROPOSED PIPE UNDERDRAIN REM
- ㉛ PROPOSED 10" HMA BASE COURSE WIDENING

**NOTES:**

1. CONCRETE CURB AND GUTTER TYPE B.24 REMOVE AND REPLACE FROM STA 1+96.00 TO STA 3+26.60
2. CONCRETE CURB AND GUTTER TYPE B.24 REMOVE AND REPLACE FROM STA 1+96.00 TO STA 3+33.80  
ADDITIONAL PAVING AND VARIABLE DEPTH MILLING AT 6' WIDTH FROM EDGE OF GUTTER FROM STA 2+98.55 TO STA 3+33.80



**NOTES:**  
PROP CC&G AND 6' OF VARIABLE MILLING CONTIGUES STA 3+00 TO 3+41.16 RT



**STATION EQUATION**  
STA 0+00.00 BK =  
STA 368+78.59 AH

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

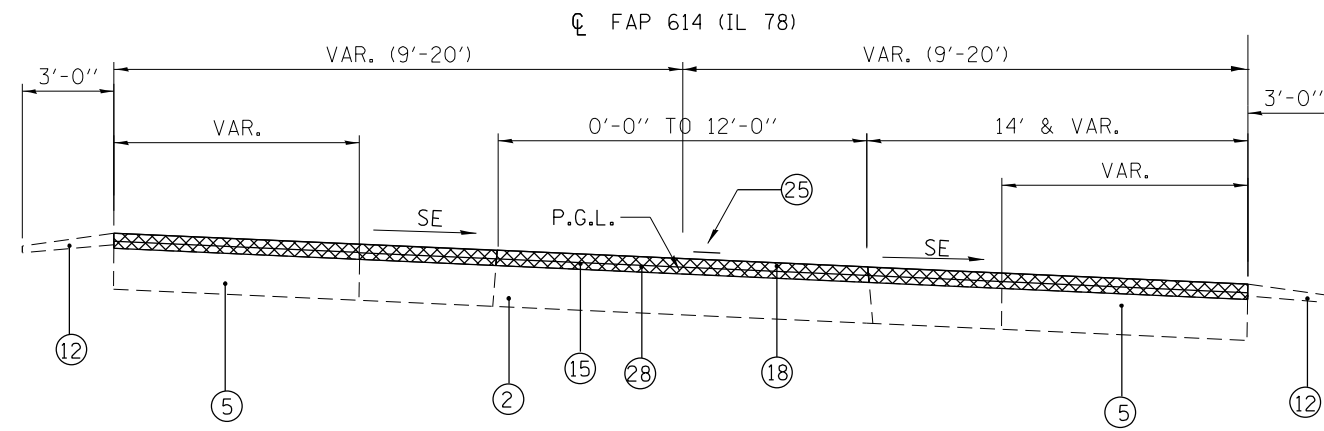
**TYPICAL SECTIONS - IL 78**

SCALE: SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	25
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

## LEGEND

- ① EXISTING AGGREGATE SUB-BASE, 4"
- ② EXISTING PCC BASE COURSE 8"
- ③ EXISTING HMA BASE COURSE 10"
- ④ EXISTING PCC PAVEMENT (9" - 6" - 9")
- ⑤ EXISTING PCC WIDENING 8"
- ⑥ EXISTING GRANULAR EMBANKMENT, VARIABLE THICKNESS (3" TO 48")
- ⑦ EXISTING BITUMINOUS CONCRETE SURFACE
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER TYPE A
- ⑩ EXISTING 4" PIPE UNDERDRAIN (TBR)
- ⑪ EXISTING CONCRETE CURB & GUTTER TYPE B - 6.24
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ EXISTING PCC BASE COURSE 12"
- ⑮ PROPOSED HMA SURFACE REMOVAL 2 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑰ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"
- ⑱ PROPOSED HMA POLY SURFACE COURSE, IL 9.5 1 1/2" MIX "C" N50
- ⑲ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑳ PROPOSED GUTTER REMOVAL
- ㉑ PROPOSED HMA SHOULDERS 6 1/2"
- ㉒ PROPOSED HMA SHOULDERS
- ㉓ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PROPOSED GUTTER TYPE A
- ㉕ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ㉖ PROPOSED SHOULDER RUMBLE STRIPS 8"
- ㉗ PROPOSED PIPE UNDERDRAIN 4"
- ㉘ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- ㉙ PROPOSED CONCRETE CURB & GUTTER TYPE B - 6.24
- ㉚ PROPOSED PIPE UNDERDRAIN REM
- ㉛ PROPOSED 10" HMA BASE COURSE WIDENING



**TYPICAL SECTION # 30 (IL 78)**  
STA 365+00.00 TO STA 365+22.00

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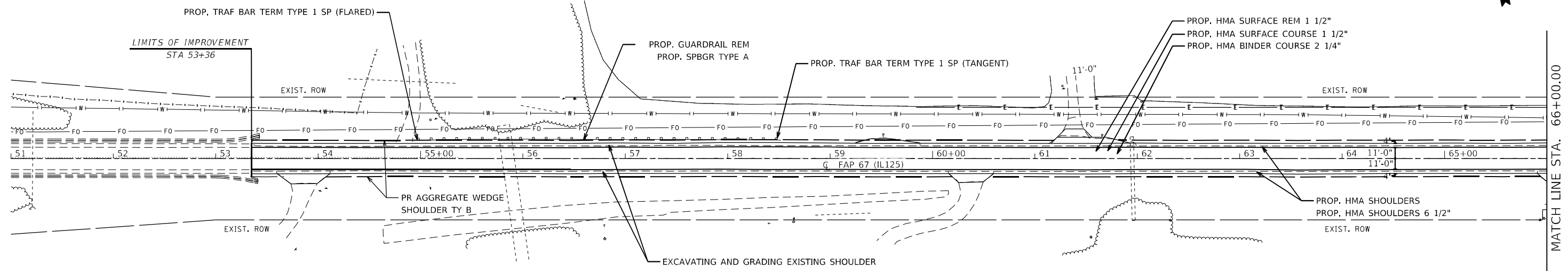
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	DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/24/2023	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - IL 78**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	26
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

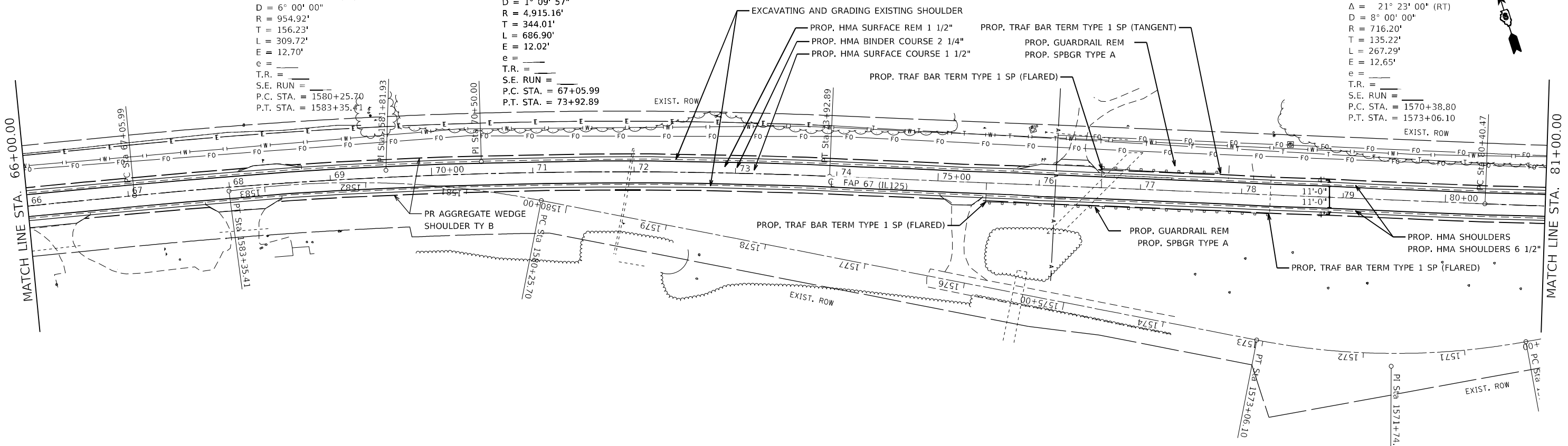


MATCH LINE STA. 66+00.00

EXIST. CURVE AW2  
 PI STA. = 1581+81.93  
 $\Delta = 18^\circ 34' 59''$  (LT)  
 $D = 6^\circ 00' 00''$   
 $R = 954.92'$   
 $T = 156.23'$   
 $L = 309.72'$   
 $E = 12.70'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 1580+25.70$   
 $P.T. STA. = 1583+35.41$

EXIST. CURVE 543  
 PI STA. = 70+50.00  
 $\Delta = 8^\circ 00' 26''$  (RT)  
 $D = 1^\circ 09' 57''$   
 $R = 4,915.16'$   
 $T = 344.01'$   
 $L = 686.90'$   
 $E = 12.02'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 67+05.99$   
 $P.T. STA. = 73+92.89$

EXIST. CURVE AW1  
 PI STA. = 1571+74.02  
 $\Delta = 21^\circ 23' 00''$  (RT)  
 $D = 8^\circ 00' 00''$   
 $R = 716.20'$   
 $T = 135.22'$   
 $L = 267.29'$   
 $E = 12.65'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 1570+38.80$   
 $P.T. STA. = 1573+06.10$



MATCH LINE STA. 66+00.00

MATCH LINE STA. 81+00.00

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USER NAME = Jonathan Cox	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

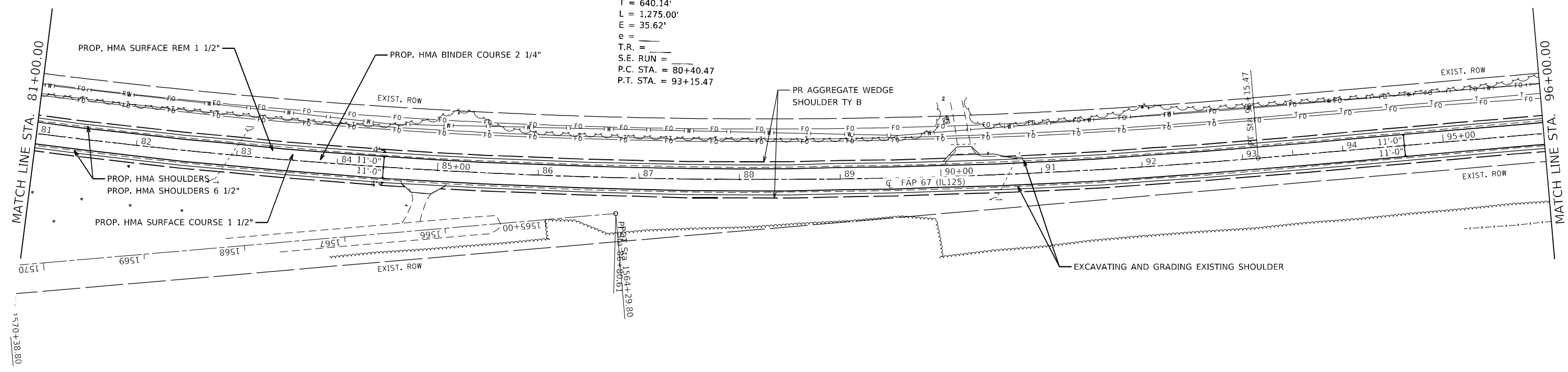
**PLAN SHEETS IL 125**

SCALE: SHEET 1 OF 15 SHEETS STA. 51+00.00 TO STA. 81+00.00

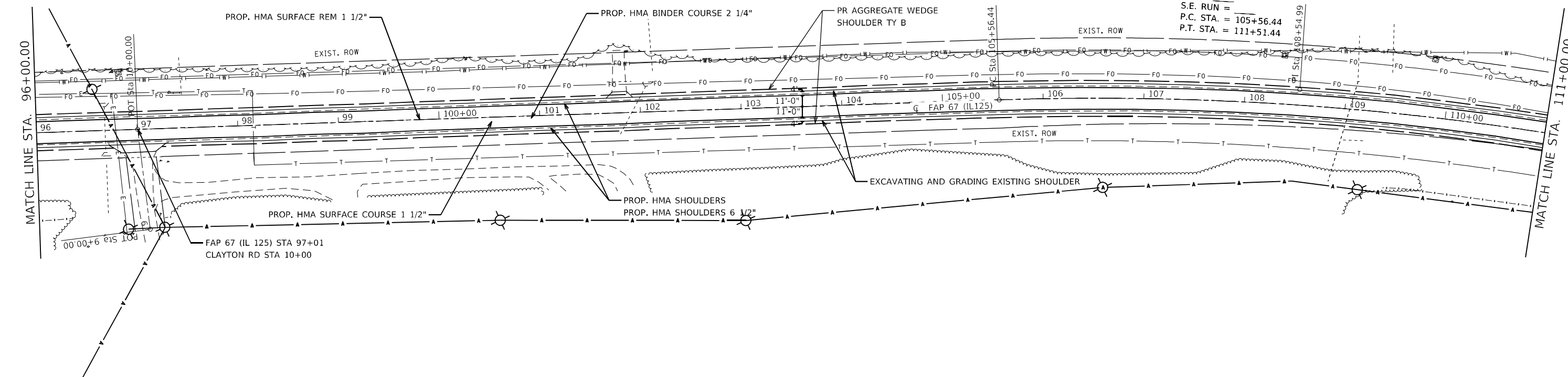
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	27
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 544  
 PI STA. = 86+80.61  
 $\Delta = 12^\circ 44' 23''$  (LT)  
 $D = 0^\circ 59' 57''$   
 $R = 5,734.26'$   
 $T = 640.14'$   
 $L = 1,275.00'$   
 $E = 35.62'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 P.C. STA. = 80+40.47  
 P.T. STA. = 93+15.47



EXIST. CURVE 547  
 PI STA. = 108+54.99  
 $\Delta = 11^\circ 48' 50''$  (RT)  
 $D = 1^\circ 59' 08''$   
 $R = 2,885.68'$   
 $T = 298.56'$   
 $L = 595.00'$   
 $E = 15.40'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 P.C. STA. = 105+56.44  
 P.T. STA. = 111+51.44



USER NAME = Jonathan Cox	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

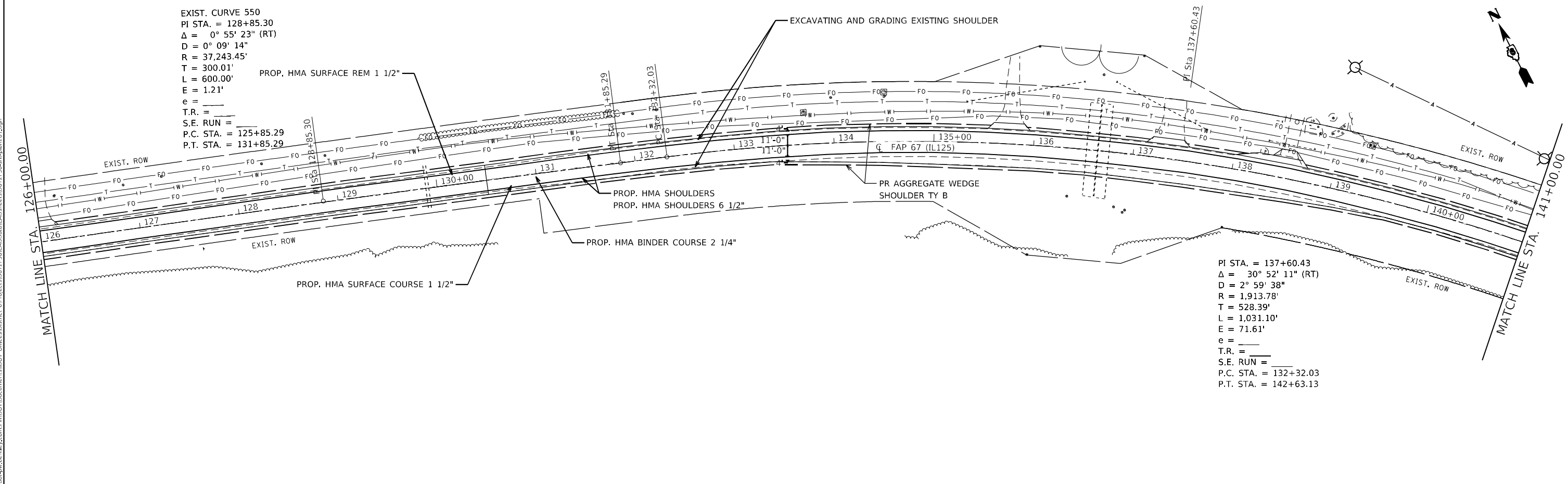
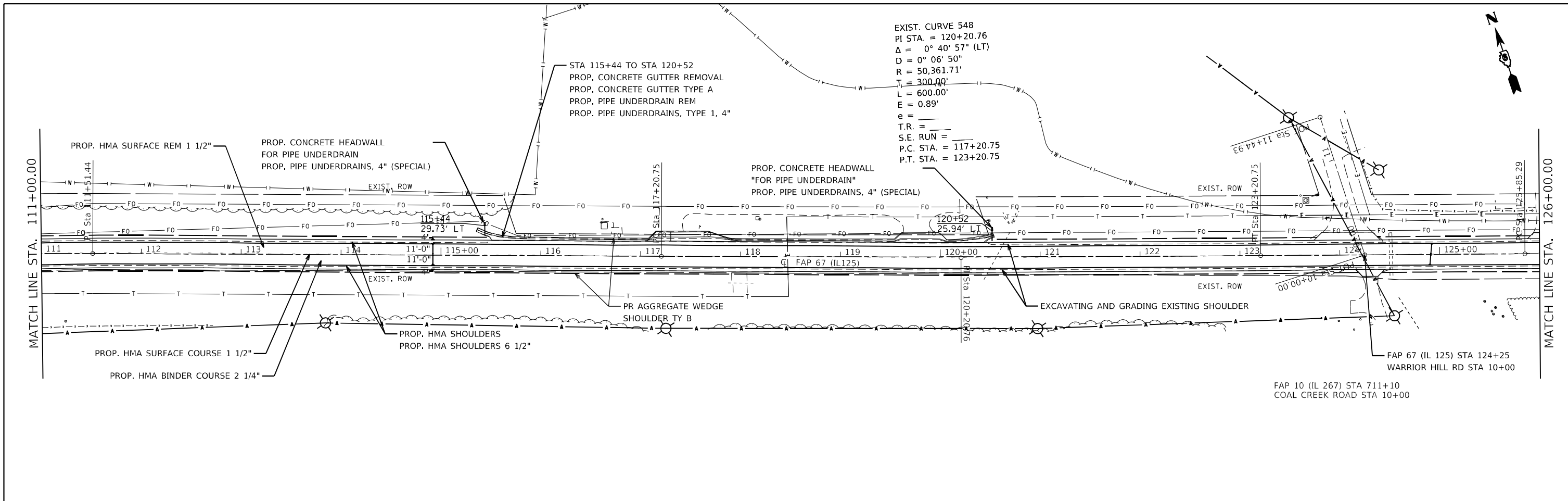
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS IL 125**

SCALE: SHEET 2 OF 15 SHEETS STA. 81+00.00 TO STA. 111+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	28
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

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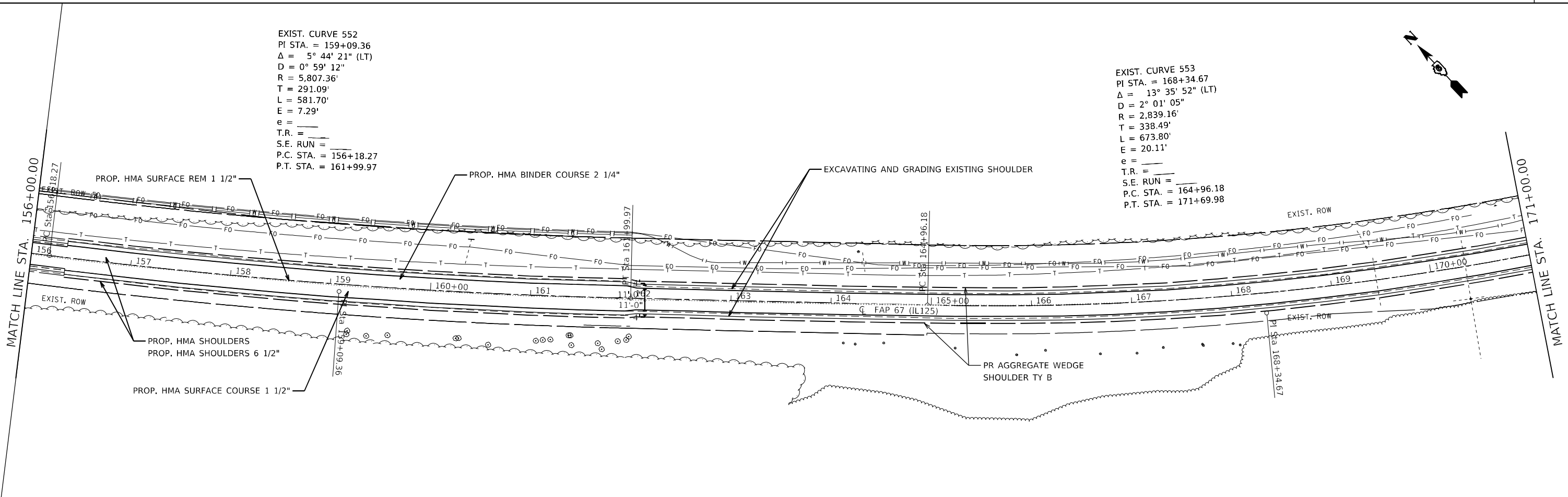
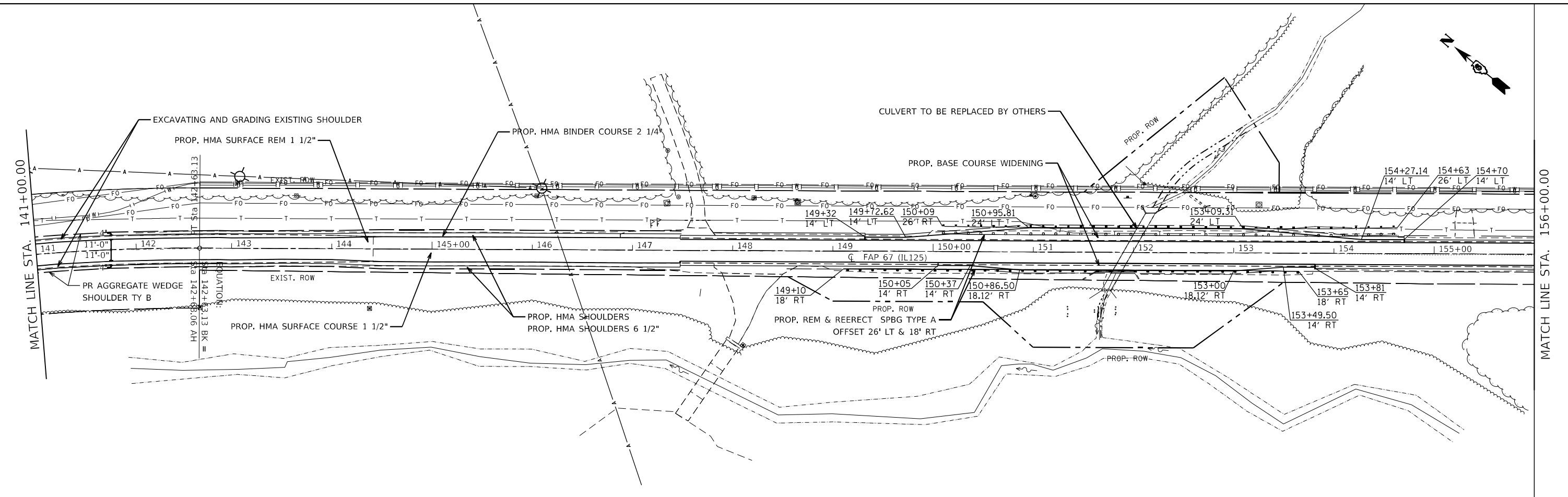
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 PLOT DATE: 3/24/2023

USER NAME = Jonathan Cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS IL 125**  
 SCALE: SHEET 3 OF 15 SHEETS STA. 111+00.00 TO STA. 141+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	29
CONTRACT NO. 7256				
ILLINOIS FED. AID PROJECT				



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USER NAME = Jonathan Cox	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

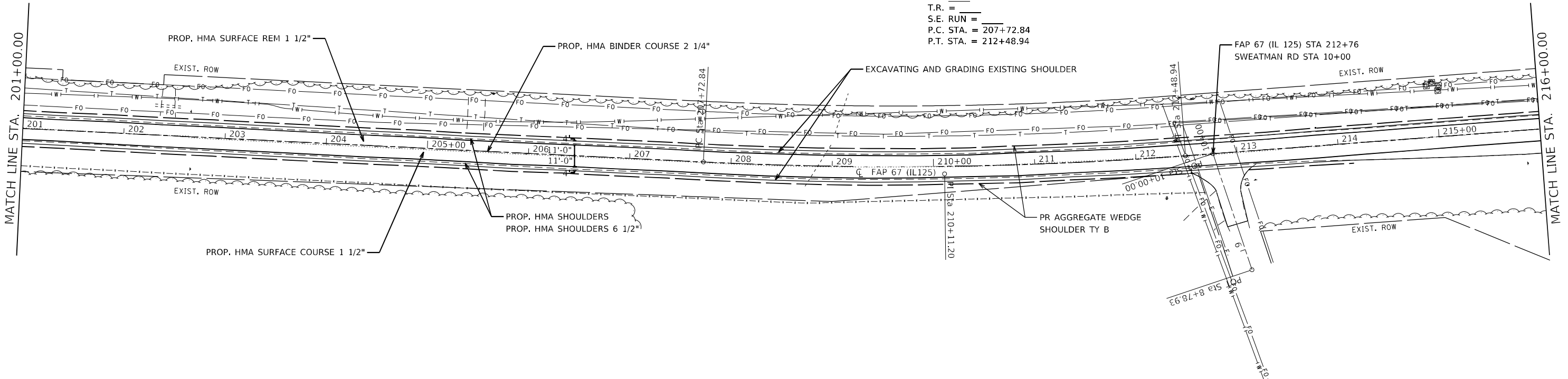
**PLAN SHEETS IL 125**  
 SCALE: SHEET 4 OF 15 SHEETS STA. 141+00.00 TO STA. 171+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	30
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

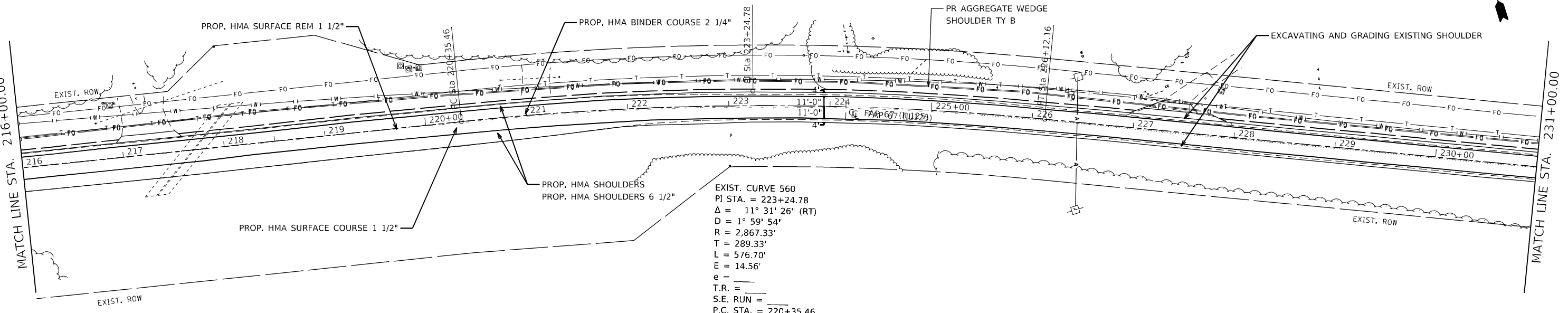




EXIST. CURVE 559  
 PI STA. = 210+11.20  
 $\Delta = 7^\circ 08' 00''$  (LT)  
 $D = 1^\circ 29' 54''$   
 $R = 3,824.15'$   
 $T = 238.36'$   
 $L = 476.10'$   
 $E = 7.42'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 207+72.84$   
 $P.T. STA. = 212+48.94$



EXIST. CURVE 560  
 PI STA. = 223+24.78  
 $\Delta = 11^\circ 31' 26''$  (RT)  
 $D = 1^\circ 59' 54''$   
 $R = 2,867.33'$   
 $T = 289.33'$   
 $L = 576.70'$   
 $E = 14.56'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 220+35.46$   
 $P.T. STA. = 226+12.16$



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 USER: jonathan.cox  
 PROJECT: 11111111  
 DATE: 3/24/2023

USER NAME = jonathan.cox	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
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PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS IL 125**

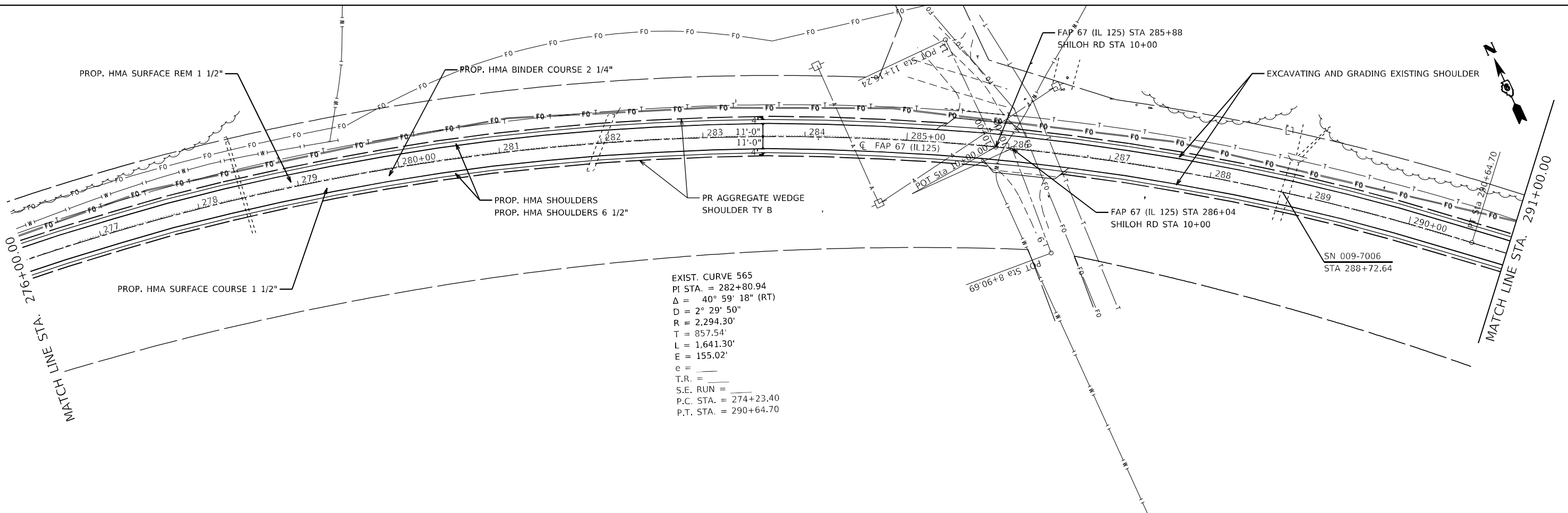
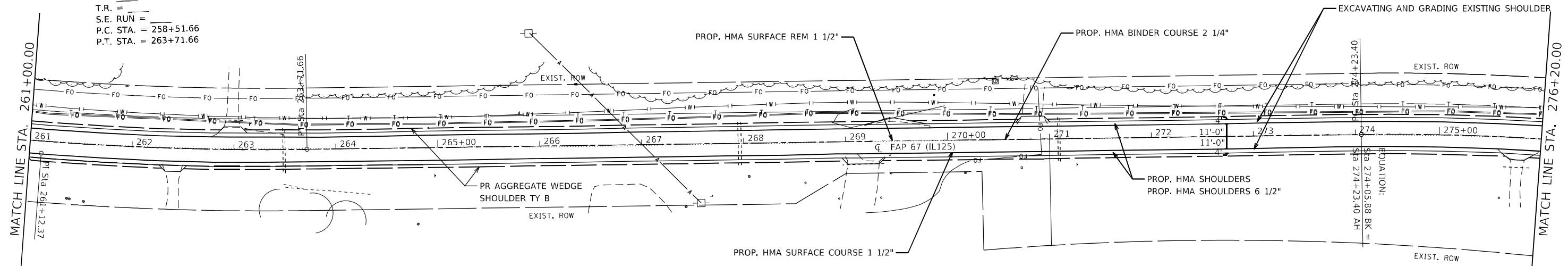
SCALE: SHEET 6 OF 15 SHEETS STA. 201+00.00 TO STA. 231+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 14SR5-5	CASS	74	32
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				





EXIST. CURVE 564  
 PI STA. = 261+12.37  
 $\Delta = 10^\circ 22' 19''$  (LT)  
 $D = 1^\circ 59' 40''$   
 $R = 2,872.57'$   
 $T = 260.71'$   
 $L = 520.00'$   
 $E = 11.81'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 P.C. STA. = 258+51.66  
 P.T. STA. = 263+71.66



EXIST. CURVE 565  
 PI STA. = 282+80.94  
 $\Delta = 40^\circ 59' 18''$  (RT)  
 $D = 2^\circ 29' 50''$   
 $R = 2,294.30'$   
 $T = 857.54'$   
 $L = 1,641.30'$   
 $E = 155.02'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 P.C. STA. = 274+23.40  
 P.T. STA. = 290+64.70

USER NAME = Jonathan.Cox	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

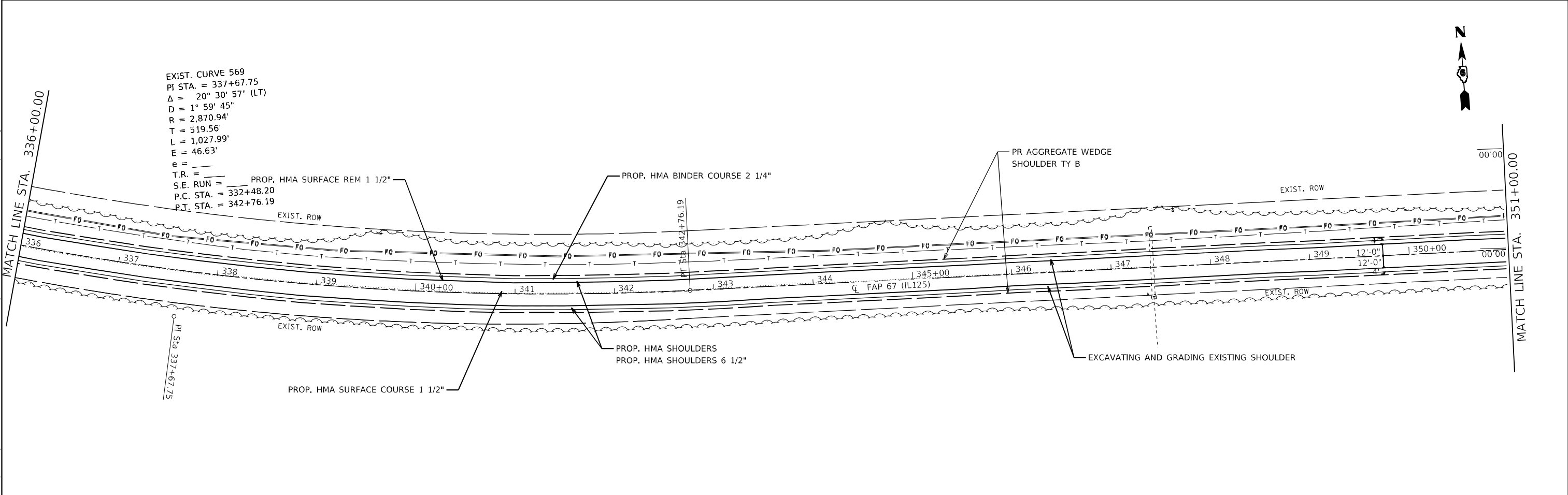
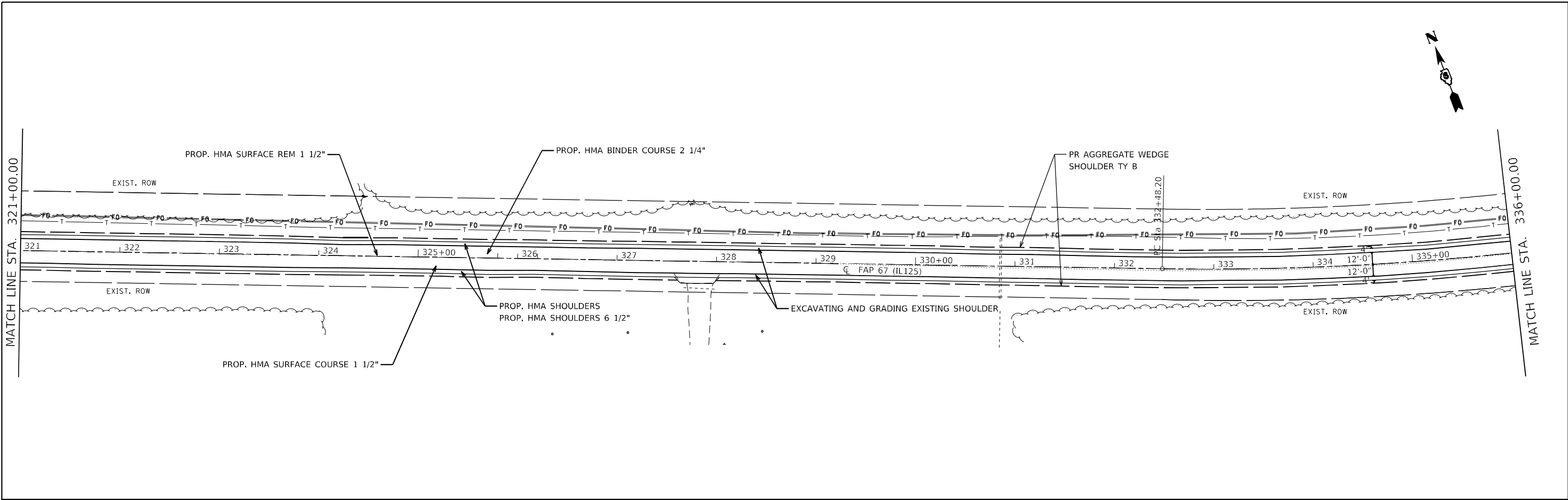
PLAN SHEETS IL 125

SCALE: SHEET 8 OF 15 SHEETS STA. 261+00.00 TO STA. 291+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 14SR5-5	CASS	74	34
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

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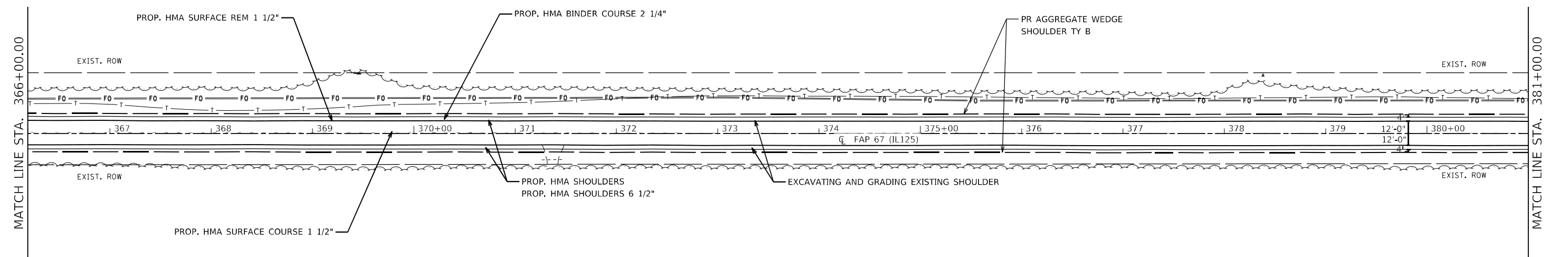
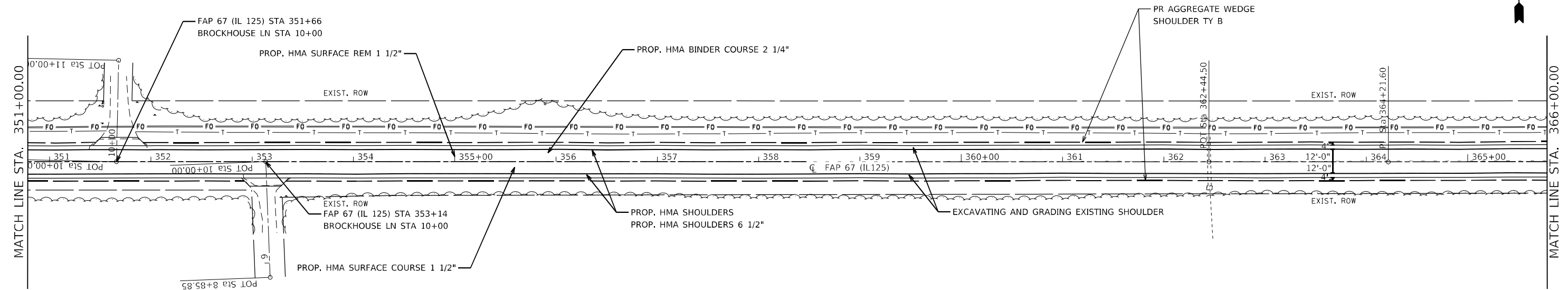
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PLOT DATE = 3/24/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS IL 125</b>			
SCALE:	SHEET 10	OF 15 SHEETS	STA. 321+00.00 TO STA. 351+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	36
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				



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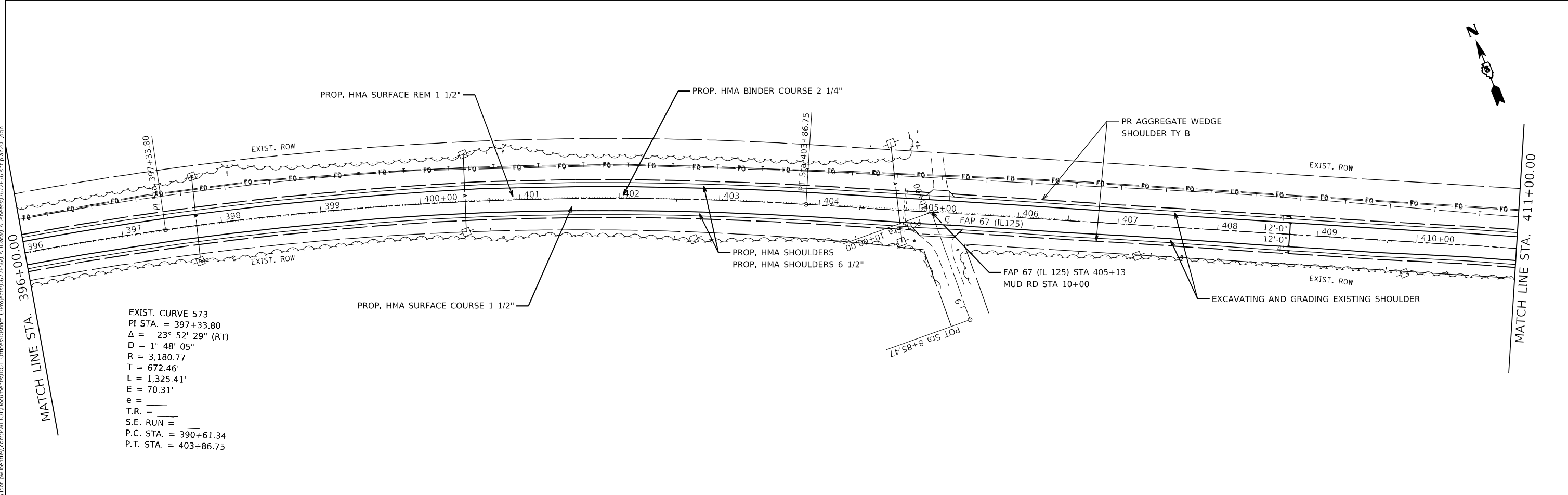
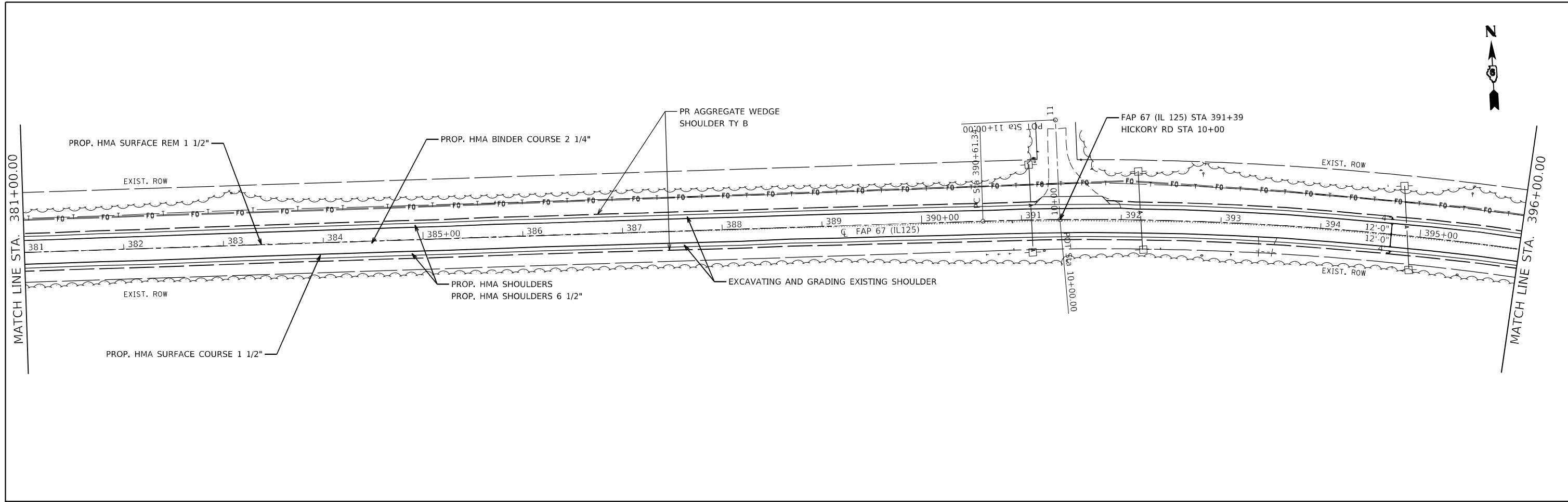
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PLOT DATE = 3/24/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS IL 125**

SCALE: SHEET 11 OF 15 SHEETS STA. 351+00.00 TO STA. 381+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	37
CONTRACT NO. 72F56				
		ILLINOIS	FED. AID PROJECT	



EXIST. CURVE 573  
 PI STA. = 397+33.80  
 $\Delta = 23^\circ 52' 29''$  (RT)  
 $D = 1^\circ 48' 05''$   
 $R = 3,180.77'$   
 $T = 672.46'$   
 $L = 1,325.41'$   
 $E = 70.31'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 390+61.34$   
 $P.T. STA. = 403+86.75$

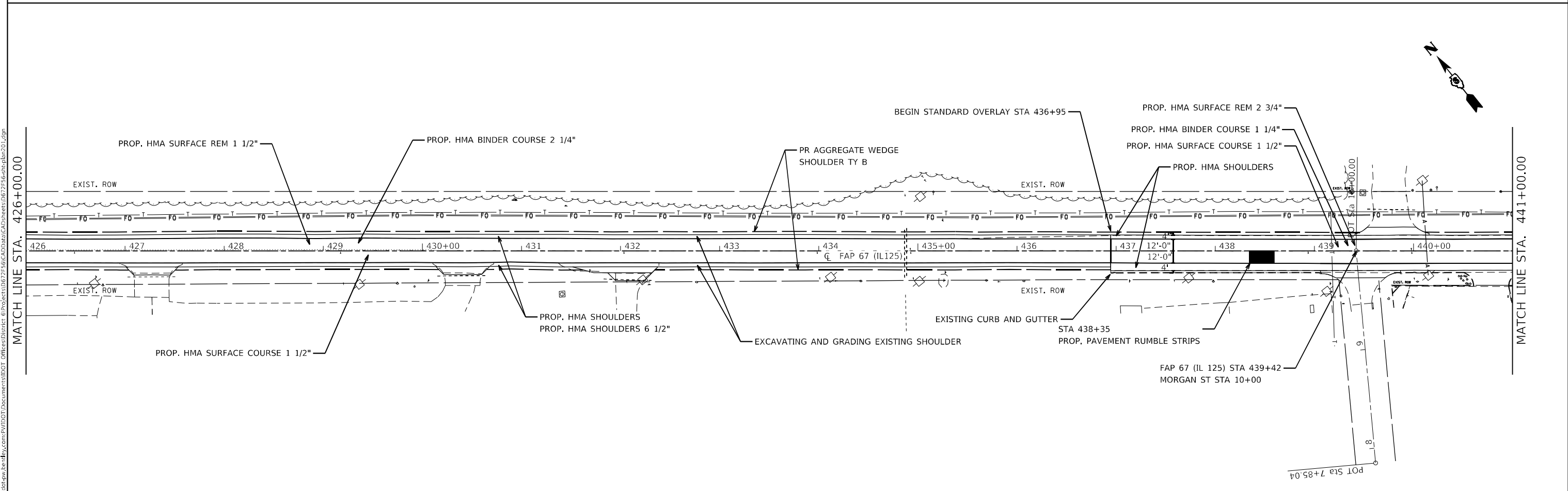
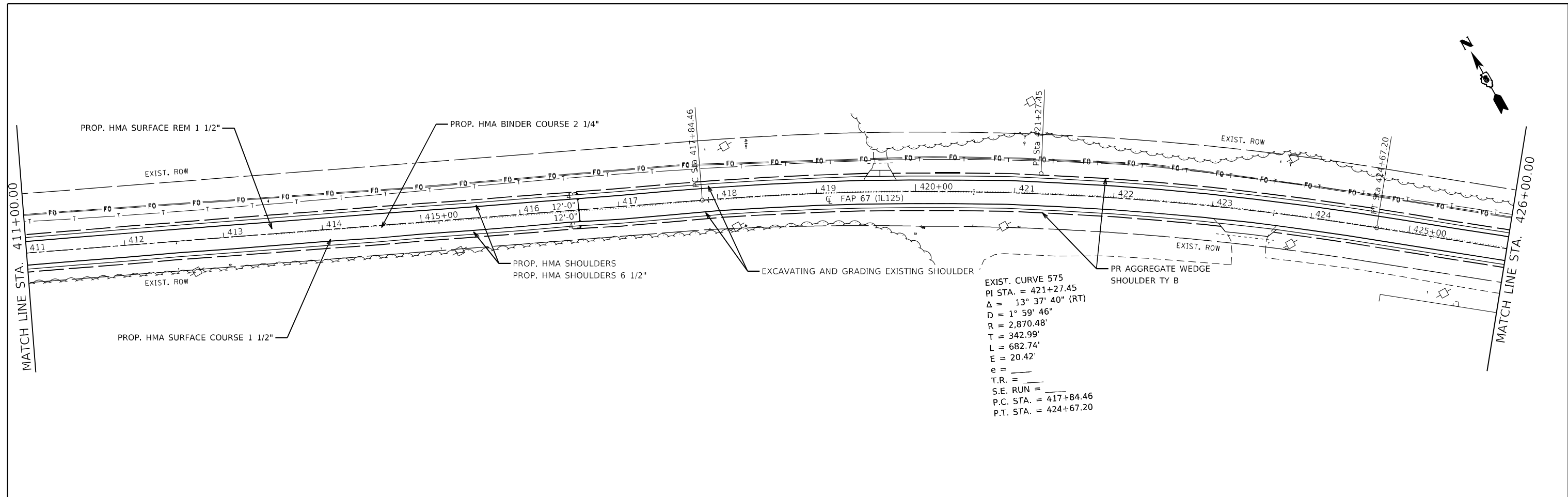
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USER NAME = Jonathan.Cox	DESIGNED -	REVISED -
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PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS IL 125			
SCALE:	SHEET 12	OF 15	SHEETS
	STA. 381+00.00 TO STA. 411+00.00		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	38
CONTRACT NO. 7256				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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	DRAWN -	REVISED -
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PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS IL 125</b>			
SCALE:	SHEET 13	OF 15	SHEETS
	STA. 411+00.00 TO STA. 441+00.00		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	39
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

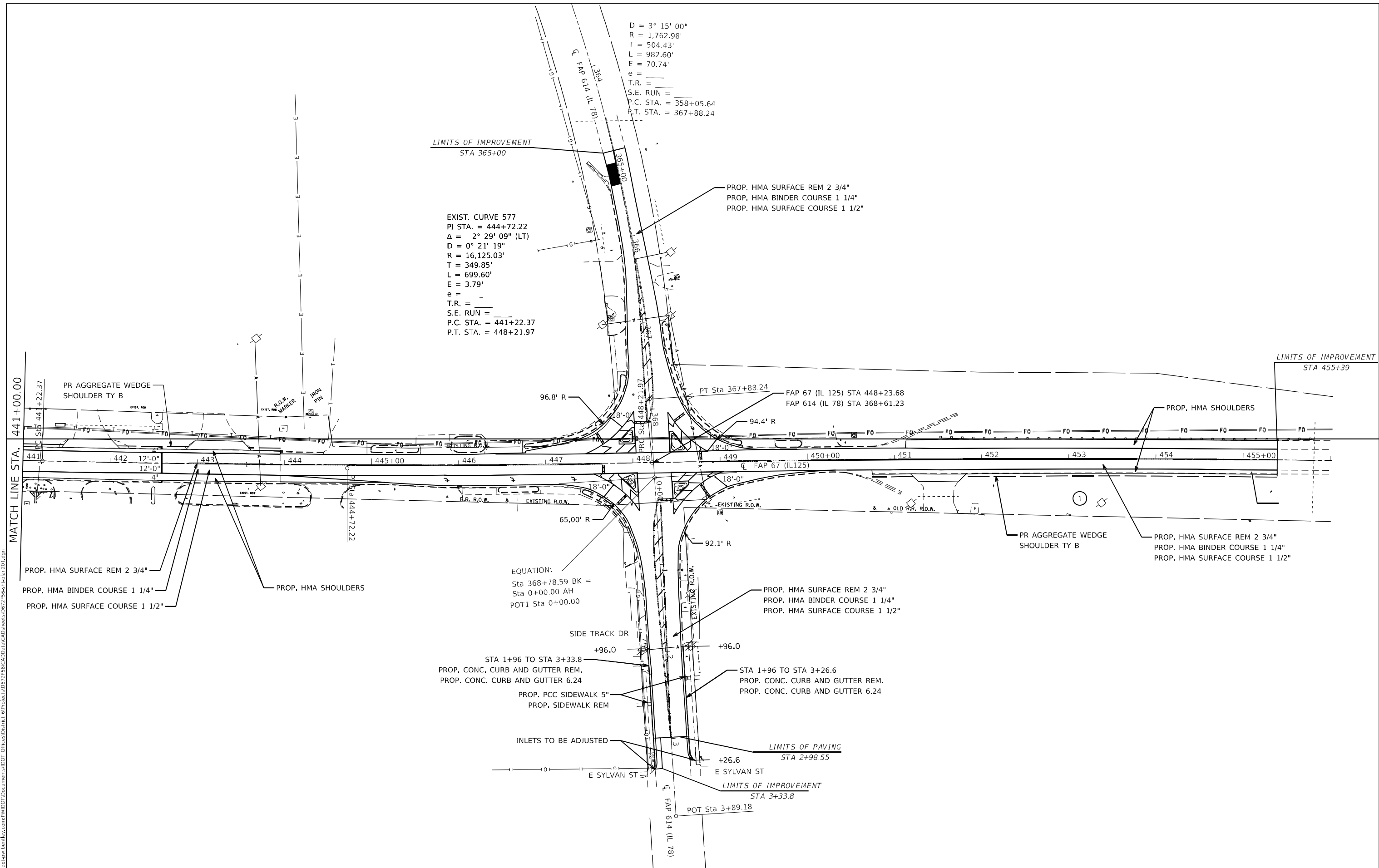
D = 3° 15' 00"  
 R = 1,762.98'  
 T = 504.43'  
 L = 982.60'  
 E = 70.74'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 358+05.64  
 R.T. STA. = 367+88.24

LIMITS OF IMPROVEMENT  
 STA 365+00

EXIST. CURVE 577  
 PI STA. = 444+72.22  
 $\Delta = 2^\circ 29' 09"$  (LT)  
 D = 0° 21' 19"  
 R = 16,125.03'  
 T = 349.85'  
 L = 699.60'  
 E = 3.79'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 441+22.37  
 P.T. STA. = 448+21.97

PROP. HMA SURFACE REM 2 3/4"  
 PROP. HMA BINDER COURSE 1 1/4"  
 PROP. HMA SURFACE COURSE 1 1/2"

LIMITS OF IMPROVEMENT  
 STA 455+39



MODEL: Default  
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USER NAME = Jonathan.Cox	DESIGNED -	REVISED -
DRAWN -	REVISED -	
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PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS IL 125**

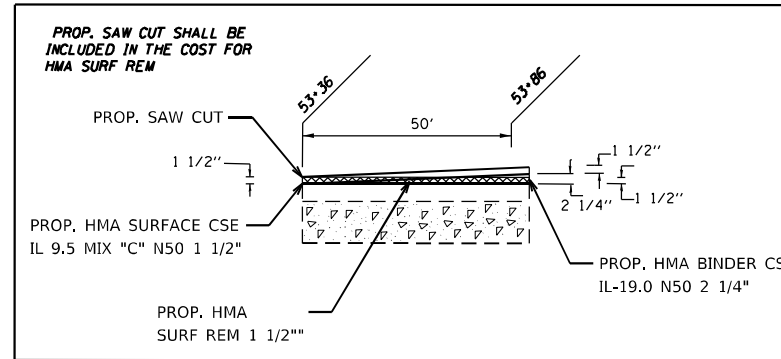
SCALE: SHEET 14 OF 15 SHEETS STA. 441+00.00 TO STA. 455+39.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	40
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

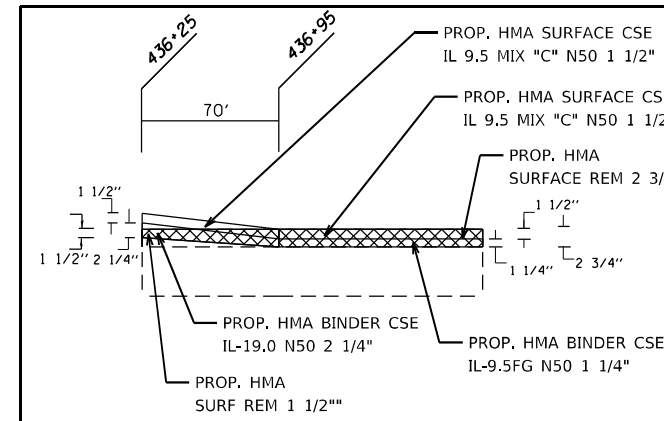


# TRANSITION AND MILLING DETAILS

**TRANSITION DETAILS**



**TRANSITION/MILLING DETAIL**



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	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRANSITION AND MILLING DETAIL**

SCALE: 1" = 50'    SHEET 15 OF 15 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	*	CASS	74	41
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

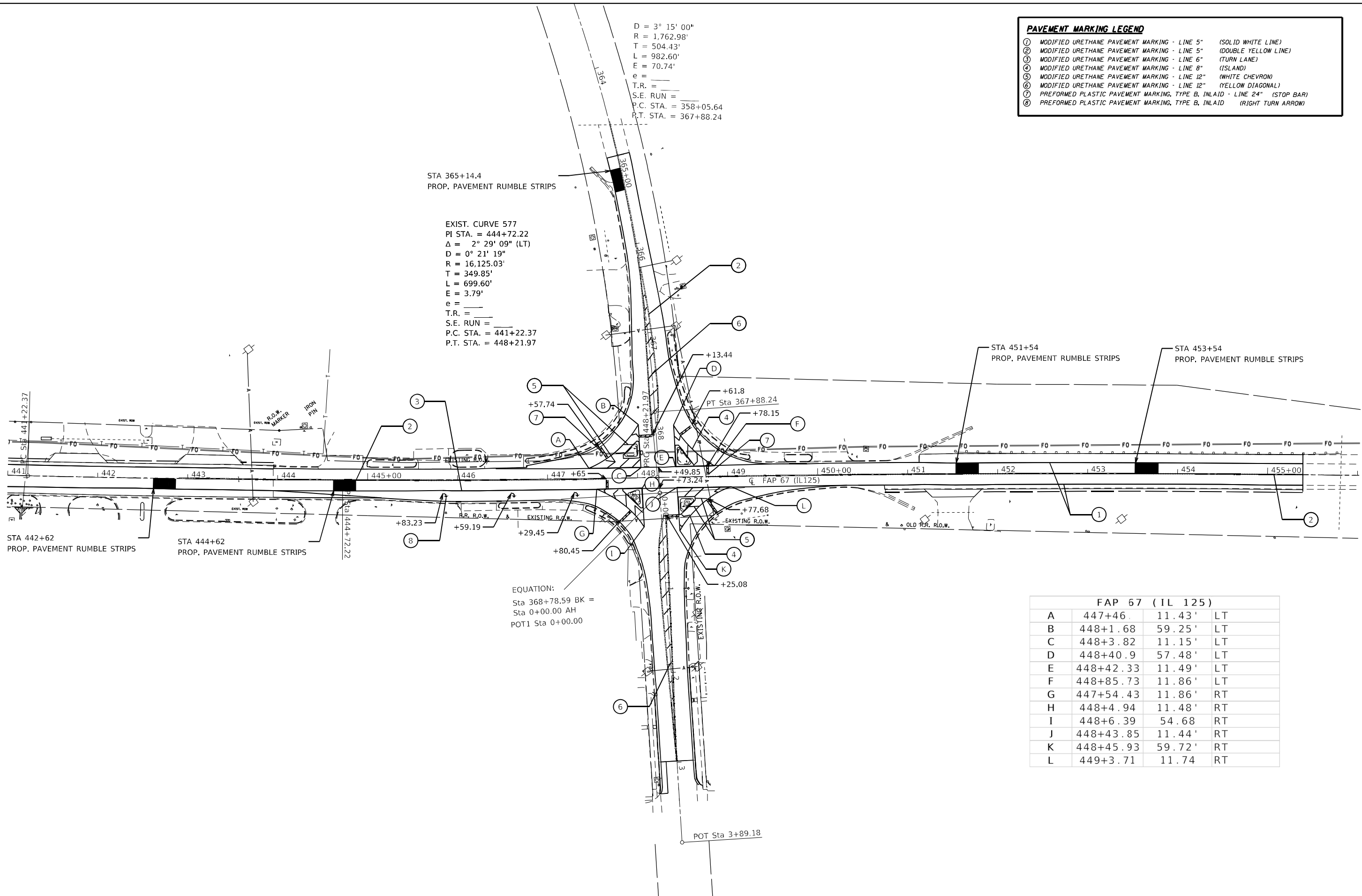
(6RS-4,5RS-6)SR, 145RS-5

PAVEMENT MARKING LEGEND		
①	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	(SOLID WHITE LINE)
②	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	(DOUBLE YELLOW LINE)
③	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	(TURN LANE)
④	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	(ISLAND)
⑤	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	(WHITE CHEVRON)
⑥	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	(YELLOW DIAGONAL)
⑦	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"	(STOP BAR)
⑧	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID	(RIGHT TURN ARROW)

D = 3° 15' 00"  
 R = 1,762.98'  
 T = 504.43'  
 L = 982.60'  
 E = 70.74'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 358+05.64  
 P.T. STA. = 367+88.24

STA 365+14.4  
 PROP. PAVEMENT RUMBLE STRIPS

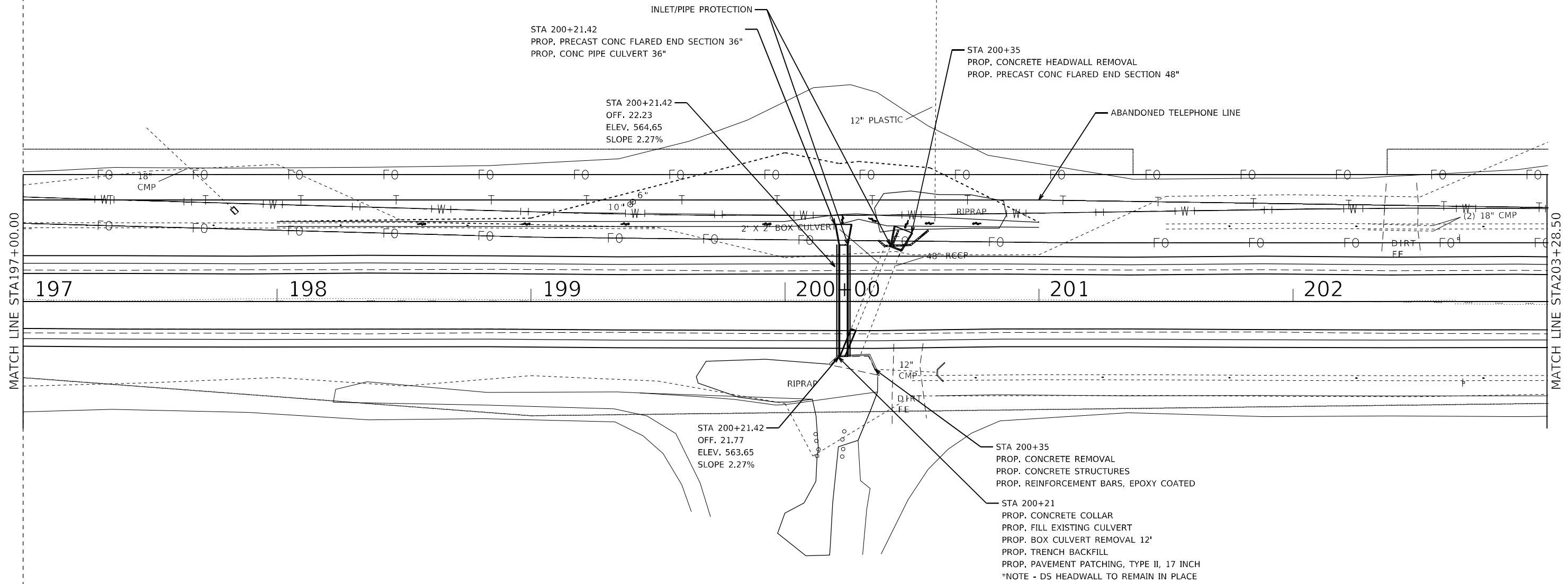
EXIST. CURVE 577  
 PI STA. = 444+72.22  
 $\Delta = 2° 29' 09"$  (LT)  
 D = 0° 21' 19"  
 R = 16,125.03'  
 T = 349.85'  
 L = 699.60'  
 E = 3.79'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 441+22.37  
 P.T. STA. = 448+21.97



FAP 67 (IL 125)			
A	447+46	11.43'	LT
B	448+1.68	59.25'	LT
C	448+3.82	11.15'	LT
D	448+40.9	57.48'	LT
E	448+42.33	11.49'	LT
F	448+85.73	11.86'	LT
G	447+54.43	11.86'	RT
H	448+4.94	11.48'	RT
I	448+6.39	54.68'	RT
J	448+43.85	11.44'	RT
K	448+45.93	59.72'	RT
L	449+3.71	11.74'	RT

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USER NAME = Jonathan Cox PLOT SCALE = 100,0000' / in. PLOT DATE = 3/24/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STRIPING DETAIL</b> SCALE: 1" = 50' SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A.P. RTE. 67,614 SECTION * COUNTY CASS TOTAL SHEETS 74 SHEET NO. 42 CONTRACT NO. 72F56 ILLINOIS FED. AID PROJECT
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MATCH LINE STA 197+00.00

MATCH LINE STA 203+28.50

197

198

199

200+00

201

202

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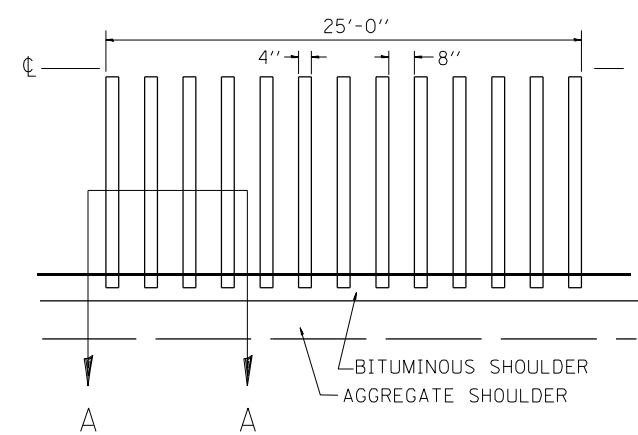
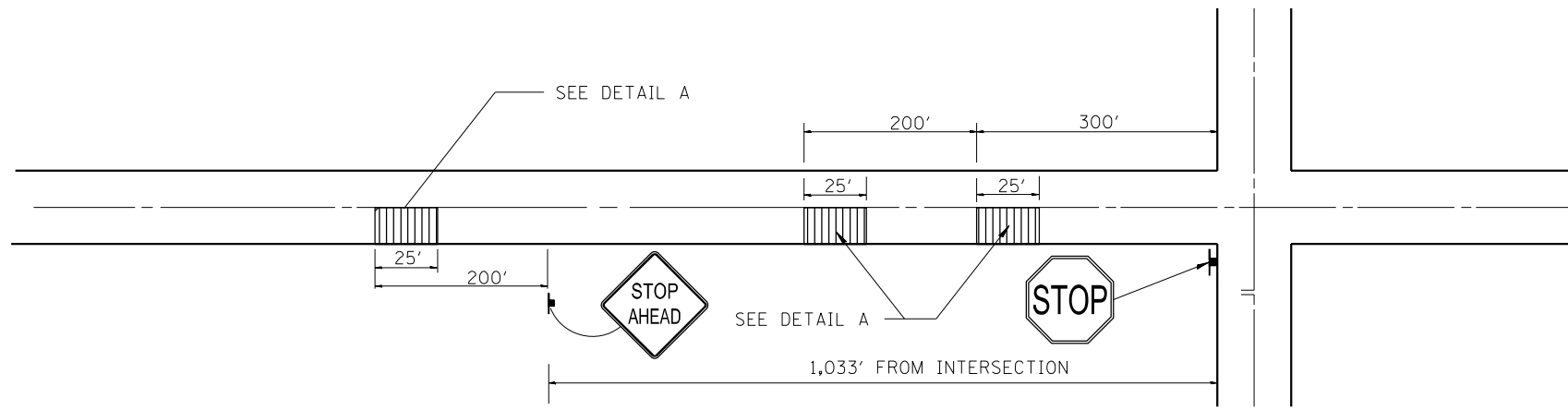
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

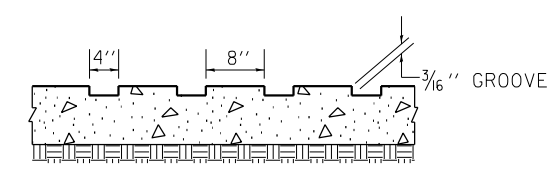
**CULVERT DETAIL**

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

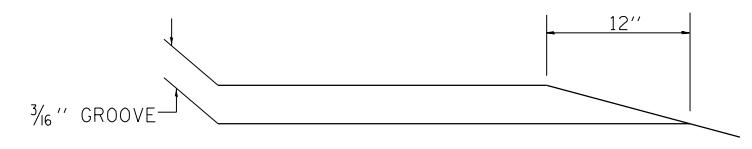
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614, 67	(6RS-4,5R-6)SR, 145RS-5	CASS	74	43
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				



DETAIL A



SECTION A-A



- NOTES: 1. THE 25 FEET RUMBLE AREA HAS 4" WIDE GROOVES SAWED INTO THE PAVEMENT, SEPERATED BY 8" OF EXISTING PAVEMENT. THE SAW CUTS SHALL EXTEND 12" INTO THE SHOULDER TO ALLOW FOR DRAINAGE.
2. THIS WORK WILL BE MEASURED FOR PAYMENT AND PAID FORAT THE CONTRACT UNIT PRICE PER EACH FOR RUMBLE STRIP, WHERE EACH IS DEFINED AS A 25 FT LENGTH INSTALLATION. THE UNIT PRICE SHALL INCLUDE ALL EQUIPMENT, MATERIAL, LABOR AND OTHER ITEMS REQUIRED TO INSTALL EACH RUMBLE STRIP.

RUMBLE RESURFACING DETAIL

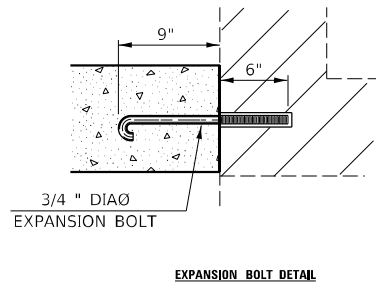
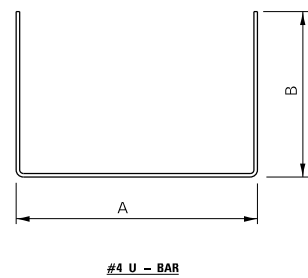
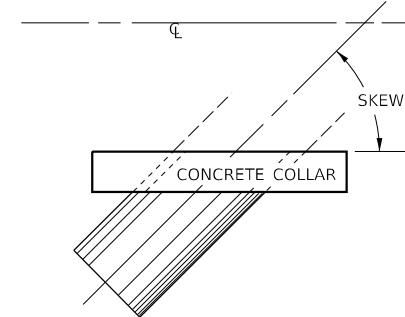
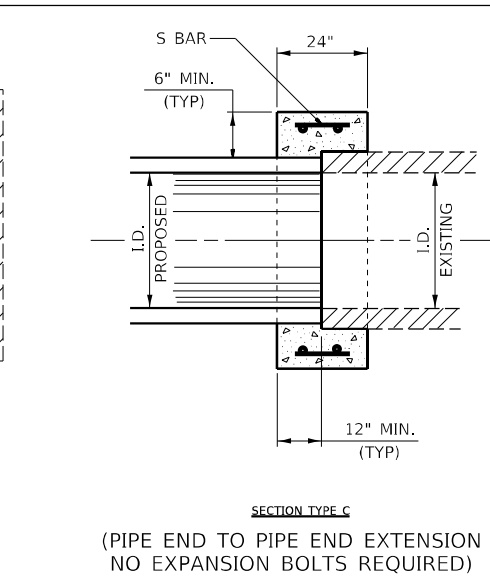
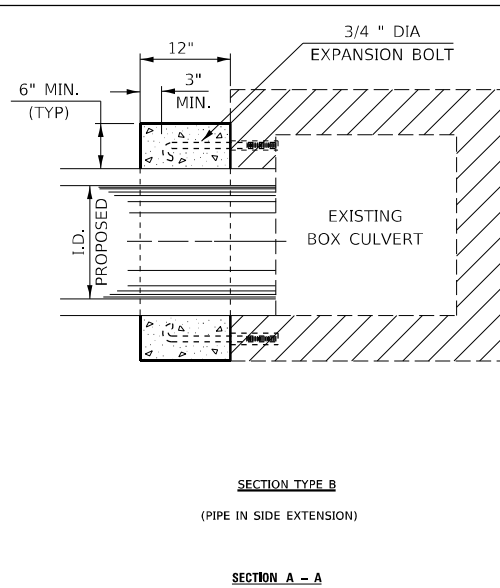
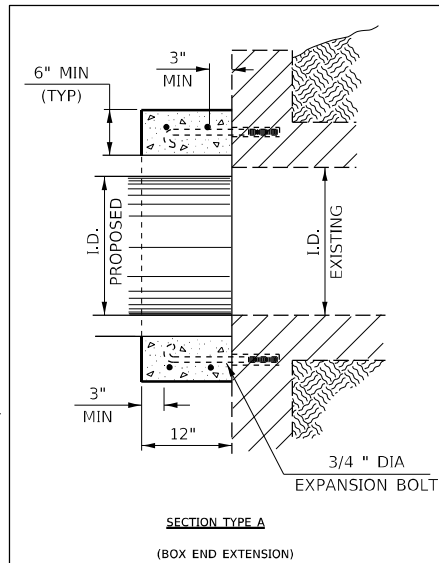
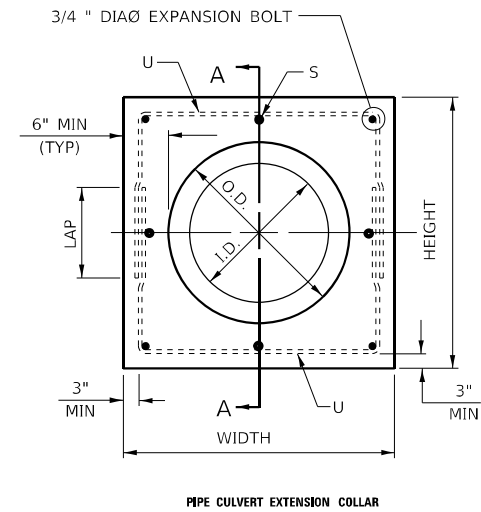
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PLOT DATE = 3/24/2023	DATE -	REVISED -

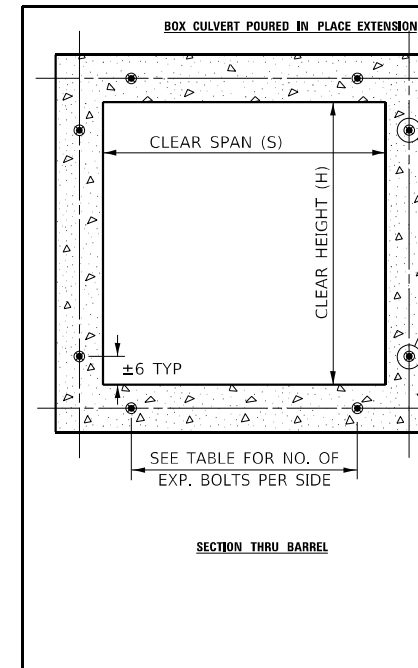
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PERMENANT RUMBLE STRIP APPLICATION (TYPICAL)			
SCALE: NTS	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5R-6)SR, 145RS-5	CASS	74	44
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- EXPANSION BOLTS SHALL CONSIST OF SELF DRILLING EXPANSION SHIELDS AND 3/4" DIA HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE. MINIMUM CERTIFIED PROOF LOAD - 4,080 LBS.
  - USE MINIMUM OF 1 (ONE) EXPANSION BOLT AT EACH CORNER.



**EXPANSION BOLTS REQUIRED FOR CULVERT EXTENSIONS**

H OR S	NO. EXPANSION BOLTS REQ'D. PER SIDE			
	EXTENSION ≤ 15FT		EXTENSION > 15FT	
	NO.	SPACING	NO.	SPACING
24"	*	*	*	*
30"	2	18"	2	18"
36"	2	24"	2	24"
48"	3	18"	3	18"
60"	4	16"	3	24"
72"	5	15"	4	20"
84"	5	18"	4	24"
96"	6	17"	5	21"
108"	6	19"	5	24"
120"	7	18"	6	21"
132"	8	17"	6	24"
144"	8	19"	7	22"

NOTE: NUMBER OF EXPANSION BOLTS IN TABLE BASED ON NON-SKEWED CULVERTS.  
\* USE MINIMUM 1 (ONE) EXPANSION BOLT IN EACH CORNER.

STR NO.	Station	Type	Skew	Existing Culvert Size	Proposed Culvert I.D. (in)	Proposed Culvert O.D. (in)	Collar Height (in)	Collar Width (in)	Reinforcement Bars, Epoxy Coated								50800205	54002020	54248510	
									S Bar				U Bar				Expansion Bolts, 3/4"	Concrete Collar		
									No.	Size	Length	No.	Size	A (in)	B (in)	Lap (in)			Length (in)	(lb)
<b>FAP 67 (IL 125)</b>																				
1	200+35 (RT)	A	NA	2'X2'	36	44	56	56	-	-	-	4	#5	50	34	18	118	41.1	4	0.42
TOTAL =																	41.1	4	0.42	
USE =																	50	4	0.50	

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PROJECT: D:\Projects\DOT\Office\Drawings\600-COLLAR\600-COLLAR.dgn

600-COLLAR.DGN

USER NAME = Jonathan.Cox  
PLOT SCALE = 100,0000' / in.  
PLOT DATE = 3/24/2023

DESIGNED - JWC  
DRAWN - JWC  
CHECKED - RLD  
DATE = 10/06/99

REVISED -  
REVISED -  
REVISED -  
REVISED -

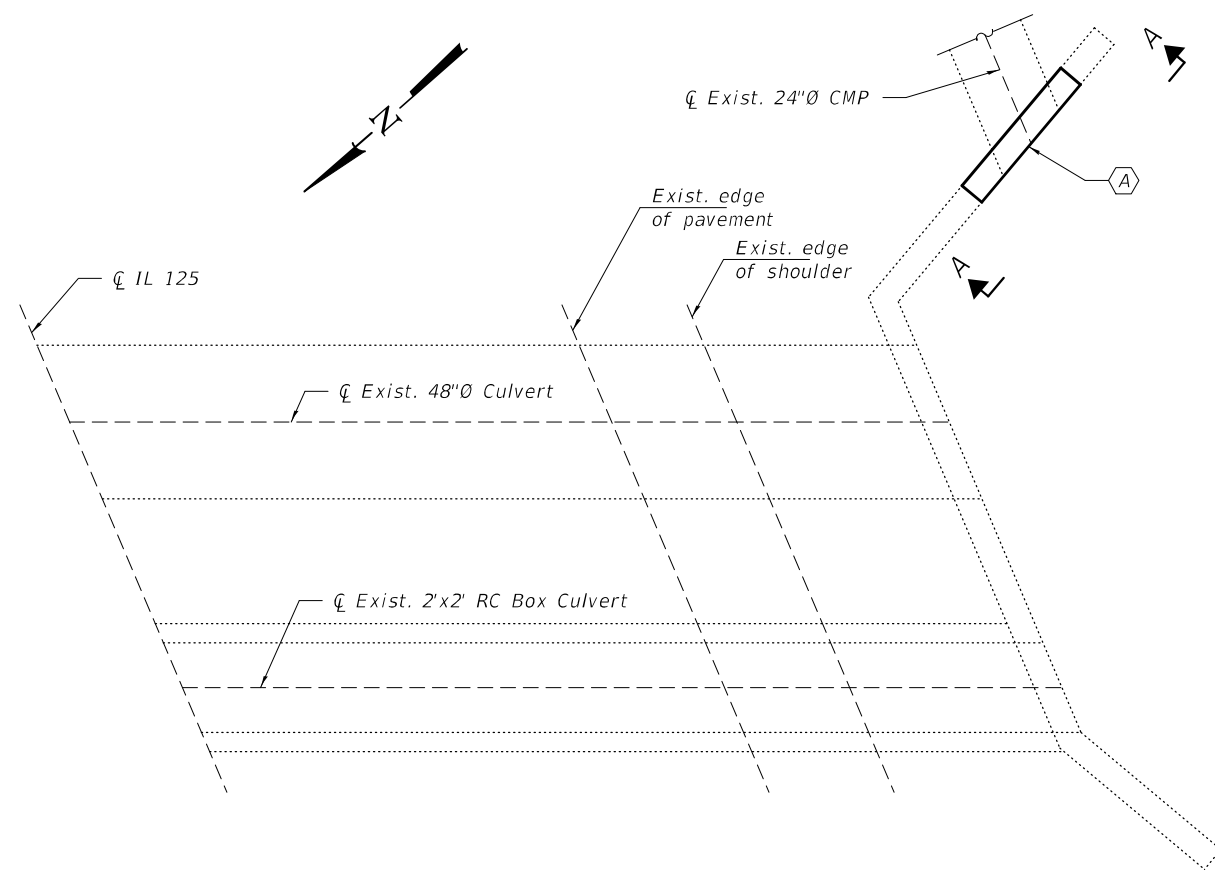
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE COLLAR AND  
CULVERT EXTENSION DETAIL**

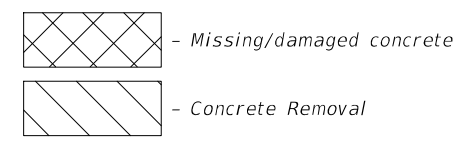
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5R-6)SR, 145RS-5	CASS	74	45

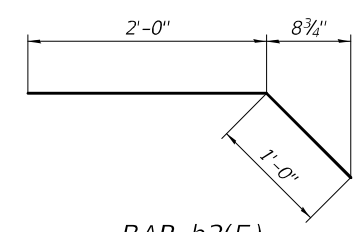
CONTRACT NO. 72F56  
ILLINOIS FED. AID PROJECT



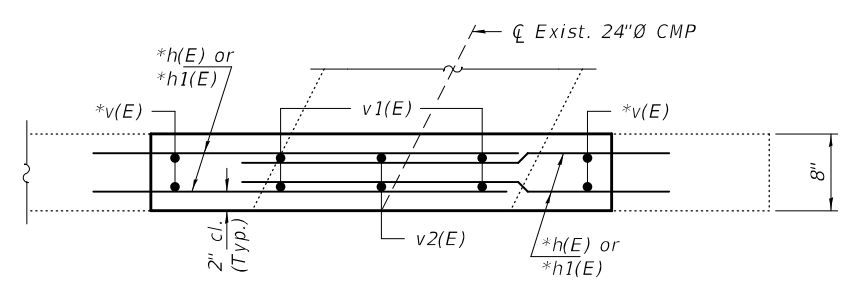
**HALF PLAN**  
 (A) - Wingwall Repair



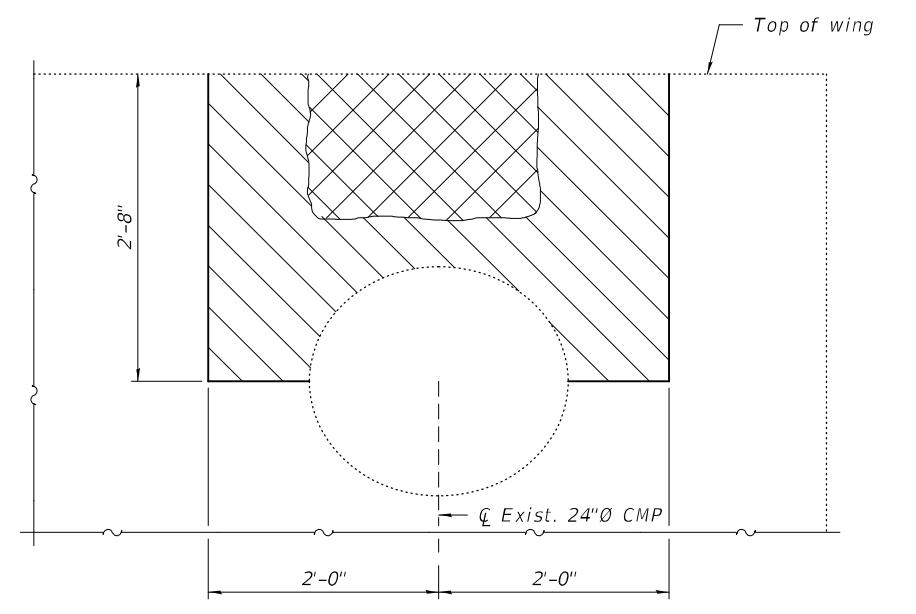
Note:  
 All existing reinforcement shall be cut flush to removal lines.



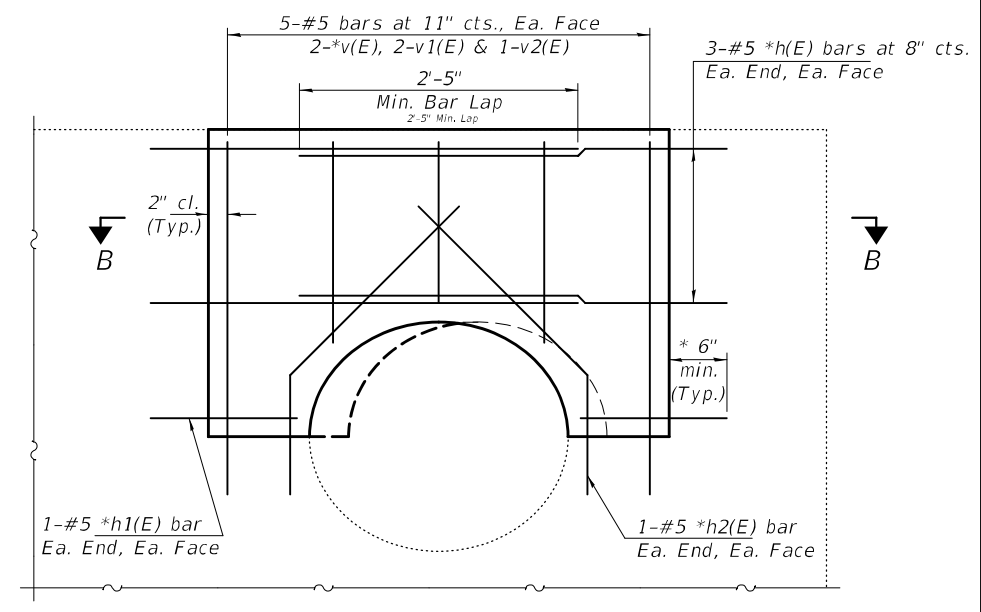
**BAR h2(E)**



**SEC B-B**



**VIEW A-A**  
 (Showing Removal)



**VIEW A-A**  
 (Showing Replacement)

\* Epoxy grout bars in 6" min. holes according to Article 584 of the Standard Specifications.

**GENERAL NOTES**

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.  
 Reinforcement bars designated (E) shall be epoxy coated.

**MIN. BAR LAP**  
 #5 = 2'-5"

**DESIGN STRESSES**  
 FIELD UNITS  
 f'c = 3,500 psi  
 fy = 60,000 psi (Reinforcement)

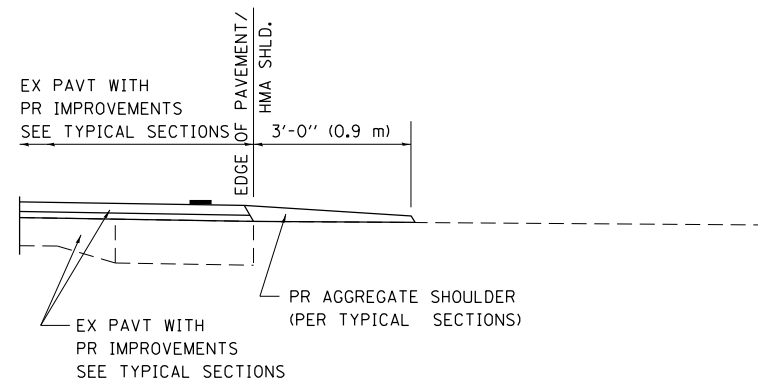
**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	12	#5	3'-9"	—
h1(E)	4	#5	1'-0"	—
h2(E)	4	#5	3'-0"	—
v(E)	4	#5	3'-0"	—
v1(E)	4	#5	1'-8"	—
v2(E)	2	#5	1'-4"	—
Concrete Removal			Cu. Yd.	0.1
Concrete Structures			Cu. Yd.	0.1
Reinforcement Bars, Epoxy Coated			Pound	90

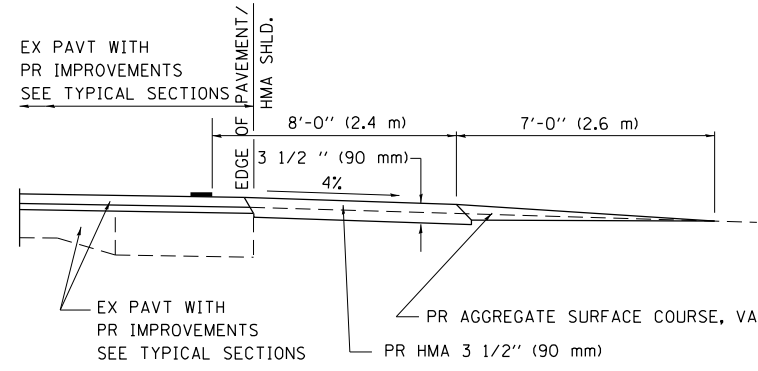


EXPIRES 11-30-2024  
 (Seal applies to this sheet only.)

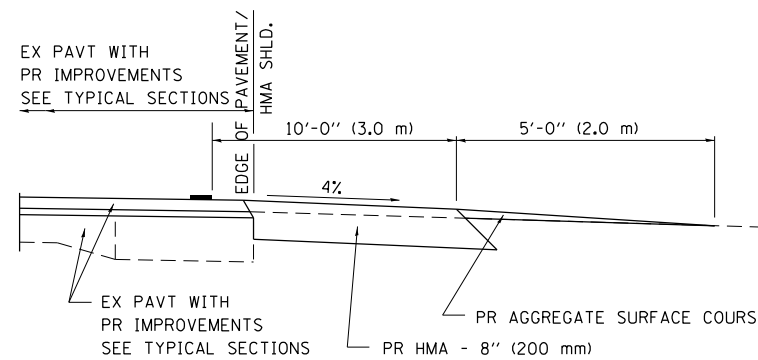
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DRAWN - daburdell	REVIS			CONTRACT NO. 72F56				
CHECKED - ATH CCC	REVIS			ILLINOIS FED. AID PROJECT				



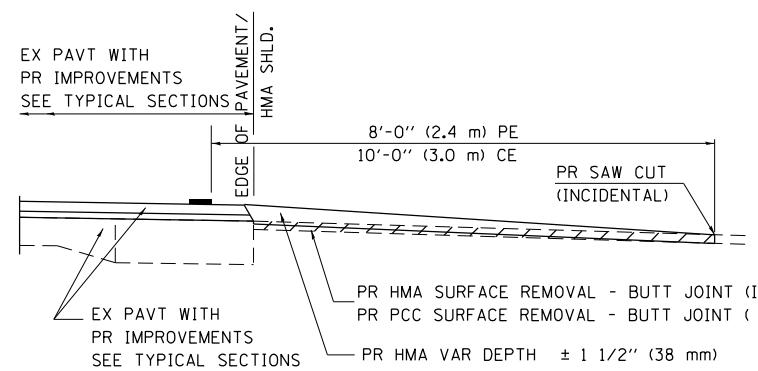
**SECTION A-A FOR EX EARTH/ AGGREGATE FE**



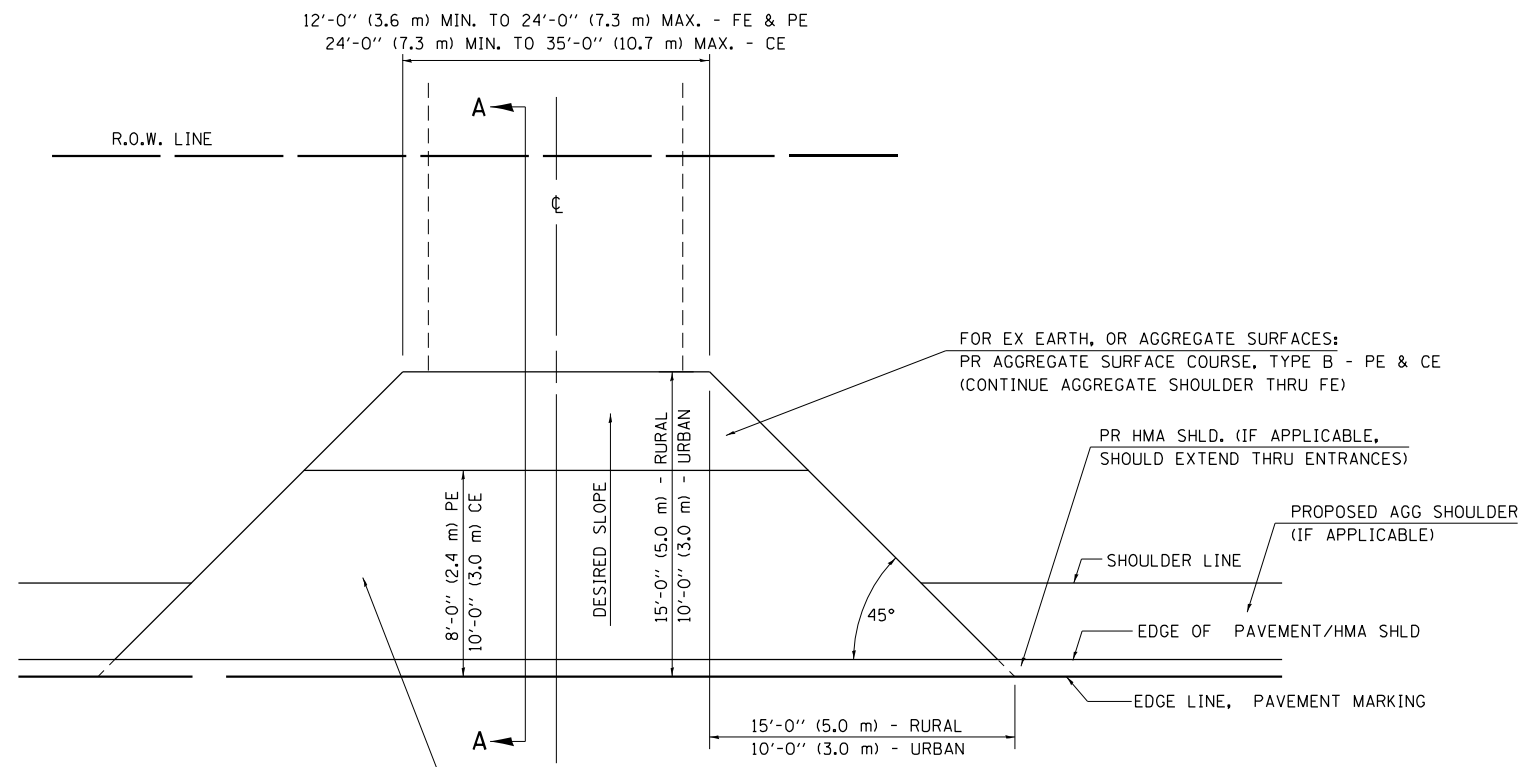
**SECTION A-A FOR EX EARTH/AGGREGATE PE**



**SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD**



**SECTION A-A FOR EX HMA/ PC CONCRETE PE, CE & SIDE ROAD**



FOR EX EARTH OR AGGREGATE SURFACES:  
 PR HMA SURFACE REMOVAL (IF APPLICABLE)  
 PR AGGREGATE SHOULDER THRU - FE  
 PR HMA CONCRETE 3 1/2" (90 mm) - PE  
 PR HMA CONCRETE 8" (200 mm) - CE

FOR EX HMA CONCRETE SURFACES:  
 PR HMA SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:  
 PR PCC SURFACE REMOVAL-BUTT JOINT

**GENERAL NOTES:**

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

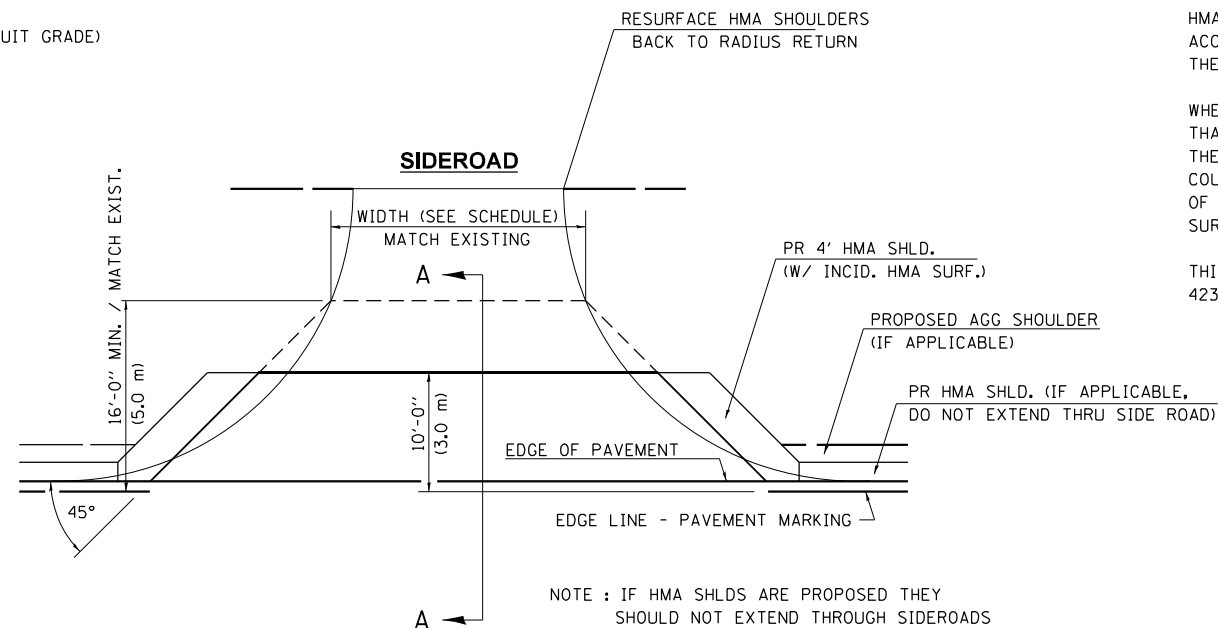
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES (75 mm) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES (50 mm) SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

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



NOTE: IF HMA SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

FILE NAME =	USER NAME = Jonathon Cox	DESIGNED -	REVISED - 2/19/03 JCN
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ENT PPP.DGN		CHECKED - JCN	REVISED -
		DATE - FEBRUARY 23, 1999	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX  
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

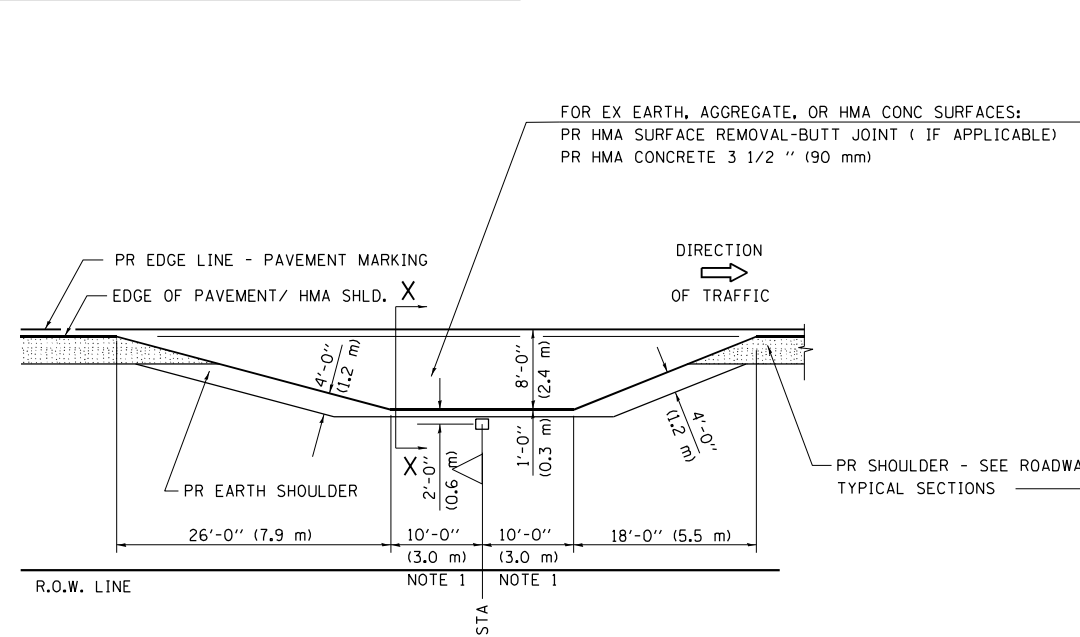
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5R-6)SR, 145RS-5	CASS	74	47
CONTRACT NO. 72F56			ILLINOIS FED. AID PROJECT	

NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

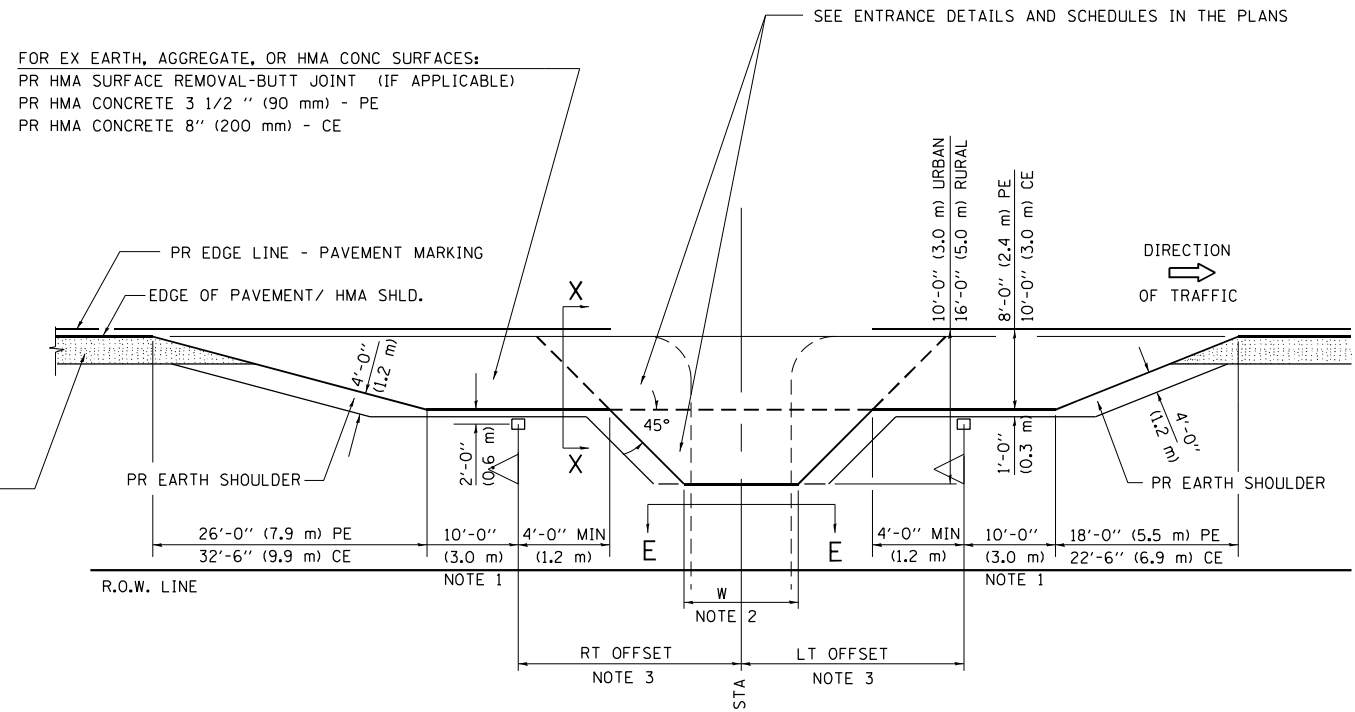
NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.

NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

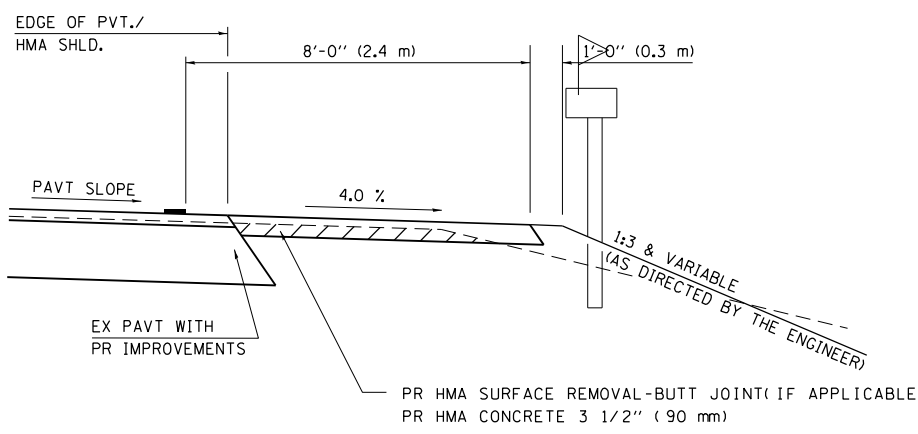
## DETAILS OF MAILBOX TURNOUTS



**PLAN - MAILBOX TURNOUTS**

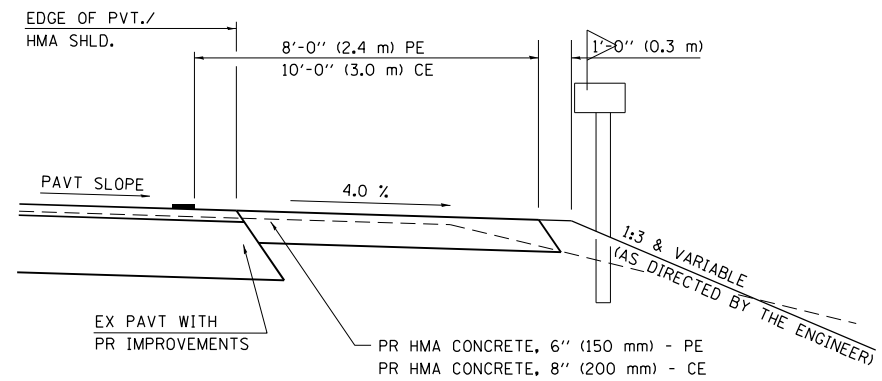


**PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE**



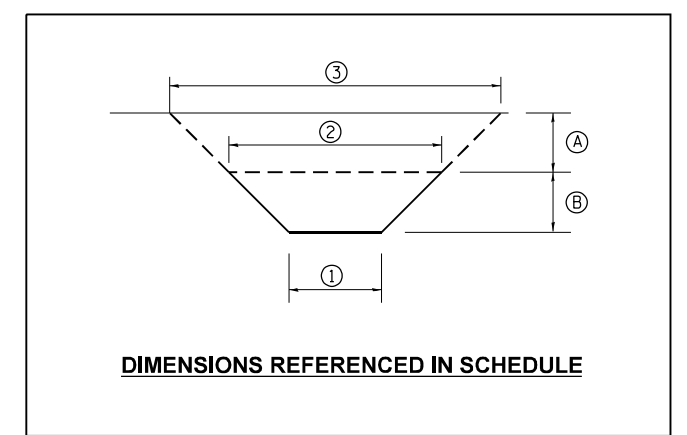
**SECTION X-X THRU MAILBOX TURNOUT  
 ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH  
 EX EARTH, AGGREGATE, OR HMA PE & FE**

( DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.  
 IF EXISTING, TREAT SAME AS ENTRANCE. )



**SECTION X-X THRU MAILBOX TURNOUT  
 COMBINED WITH EX HMA CONC & PC CONC PE & CE**

( DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.  
 IF EXISTING, TREAT SAME AS ENTRANCE. )



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

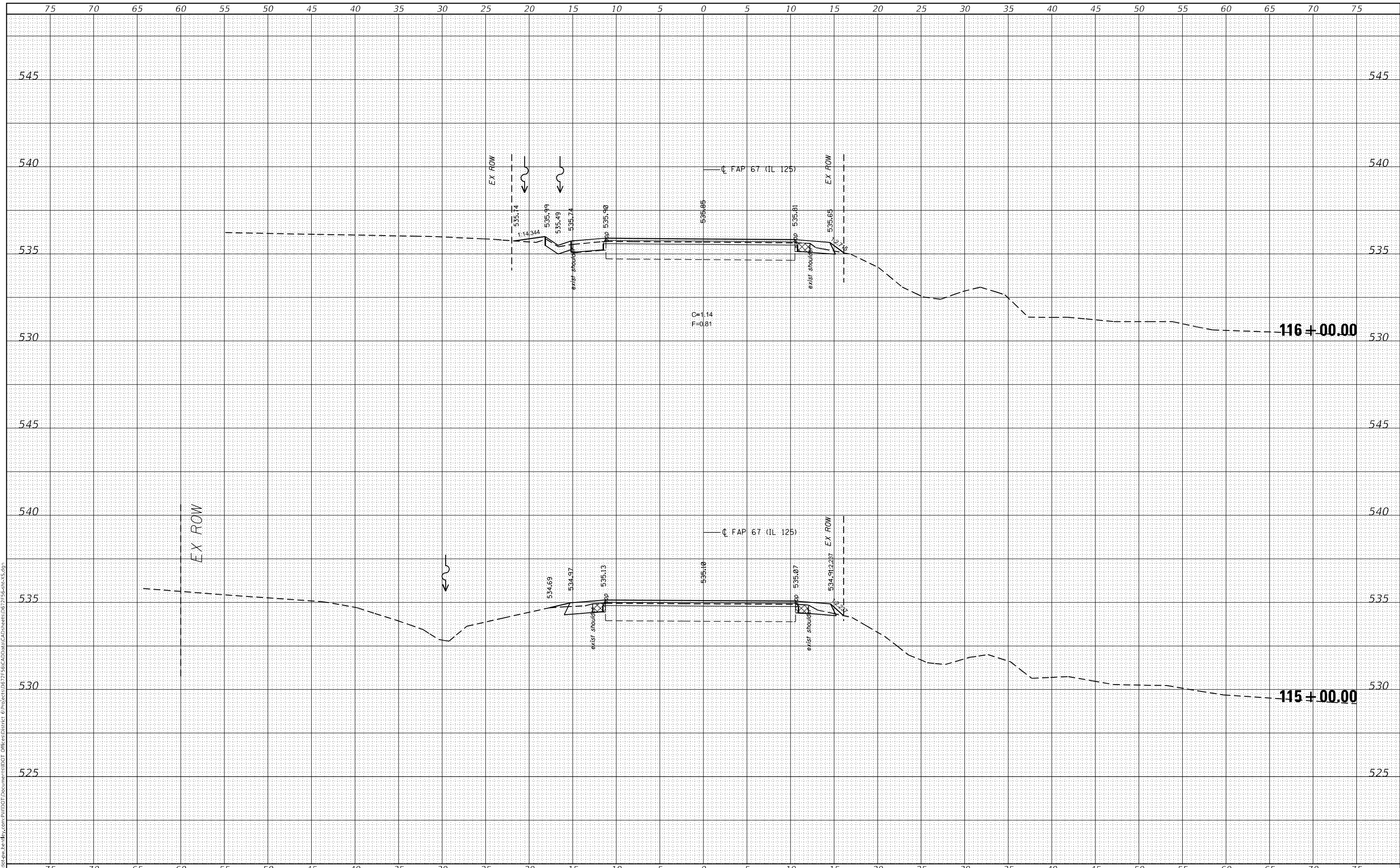
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	PLOT DATE = 3/24/2023	DATE - FEBRUARY 23, 1999	REVISED -			ILLINOIS FED. AID PROJECT					



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	
	AREAS CHECKED	

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	DRAWN -	REVISD -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISD -
PLOT DATE = 3/24/2023	DATE -	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

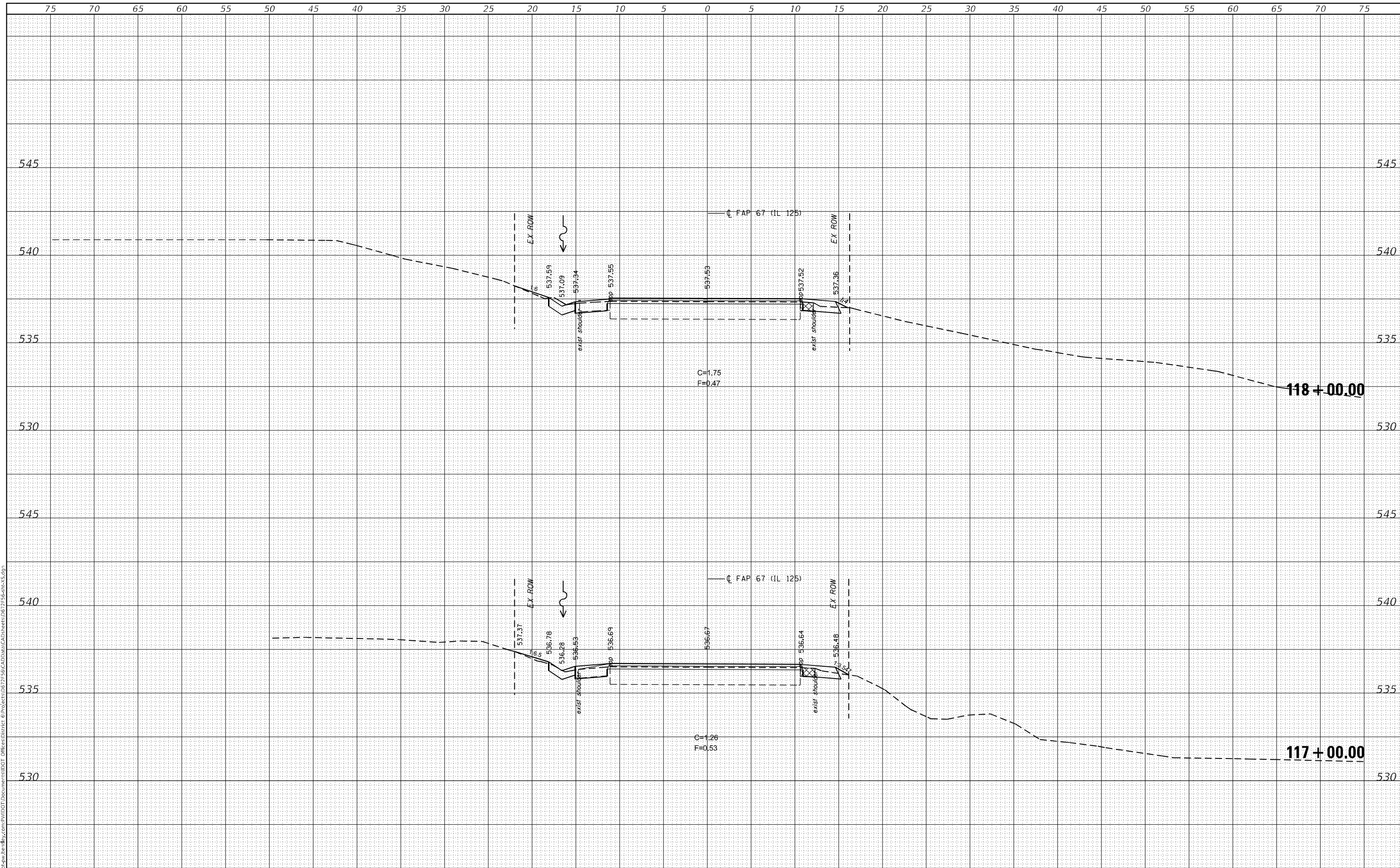
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SCALE:	SHEET 1	OF 26 SHEETS	STA. 115+00.00 TO STA. 116+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	49
CONTRACT NO. 72F56				
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	
	AREAS CHECKED	

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USER NAME = jonathan.Cox	DESIGNED -	REVISED -
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PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

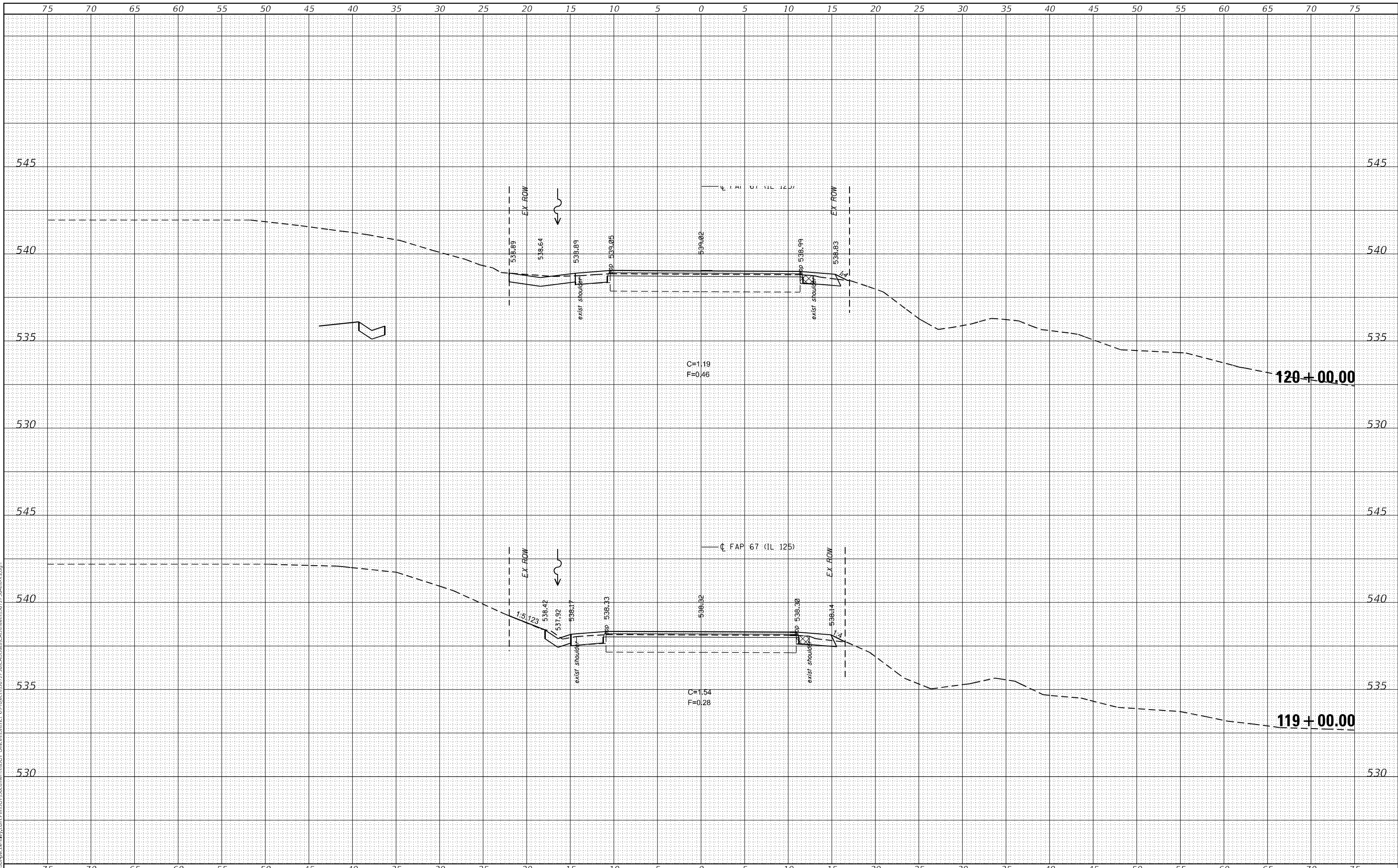
<b>CROSS SECTIONS IL 125</b>			
SCALE:	SHEET 2	OF 26 SHEETS	STA. 117+00.00 TO STA. 118+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-0)SR, 145RS-5	CASS	74	50
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = jonathan.Cox	DESIGNED -	REVISED -
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PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS IL 125</b>		
SCALE:	SHEET 3 OF 26 SHEETS	STA. 119+00.00 TO STA. 120+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	51
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

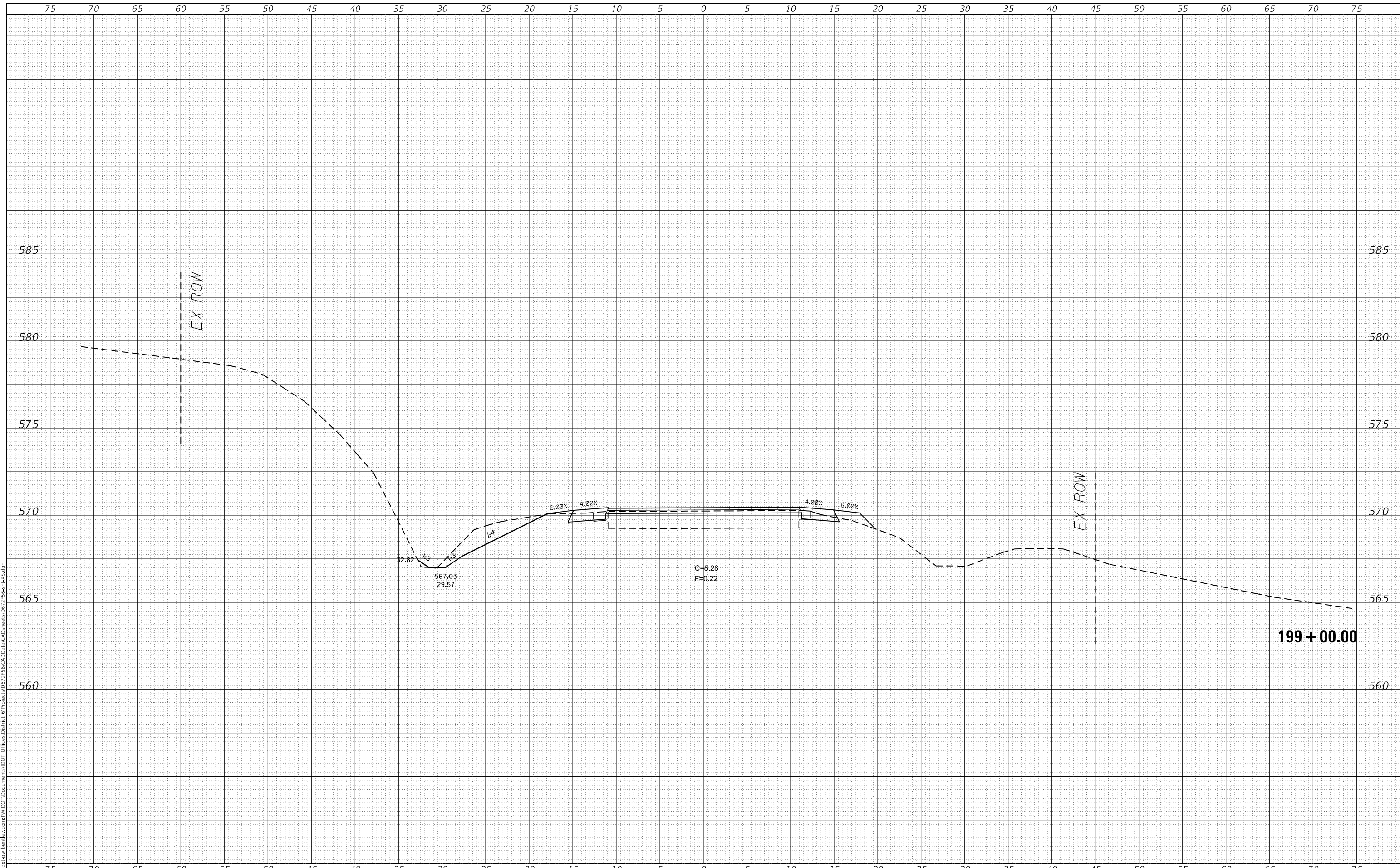




FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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USER NAME = Jonathan Cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

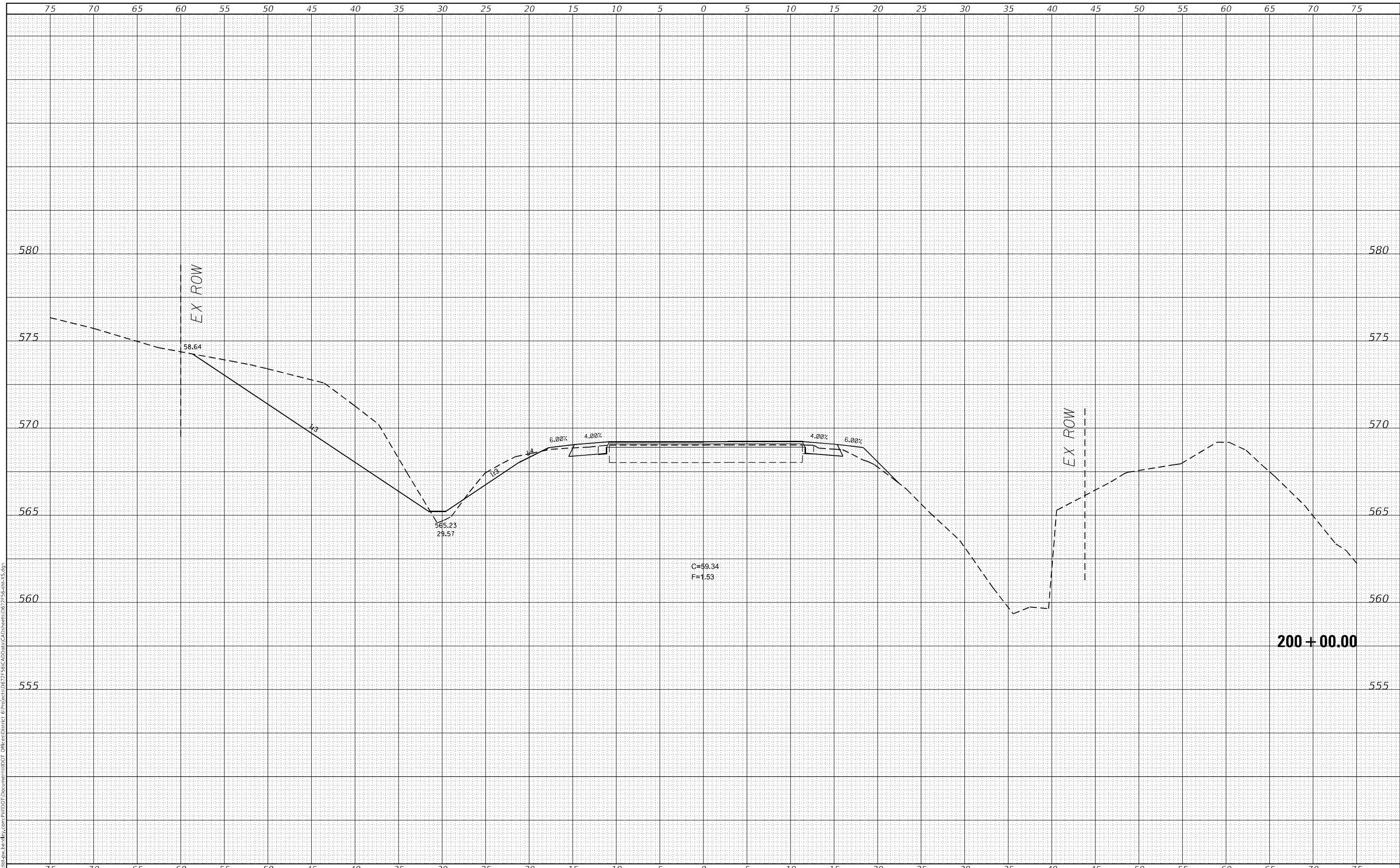
<b>CROSS SECTIONS IL 125</b>			
SCALE:	SHEET 6	OF 26 SHEETS	STA. 199+00.00 TO STA. 199+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	54
				CONTRACT NO. 72F56
				ILLINOIS FED. AID PROJECT

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

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

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USER NAME = jonathan.Cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS IL 125**

SCALE: SHEET 7 OF 26 SHEETS STA. 200+00.00 TO STA. 200+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	55
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

**200 + 00.00**







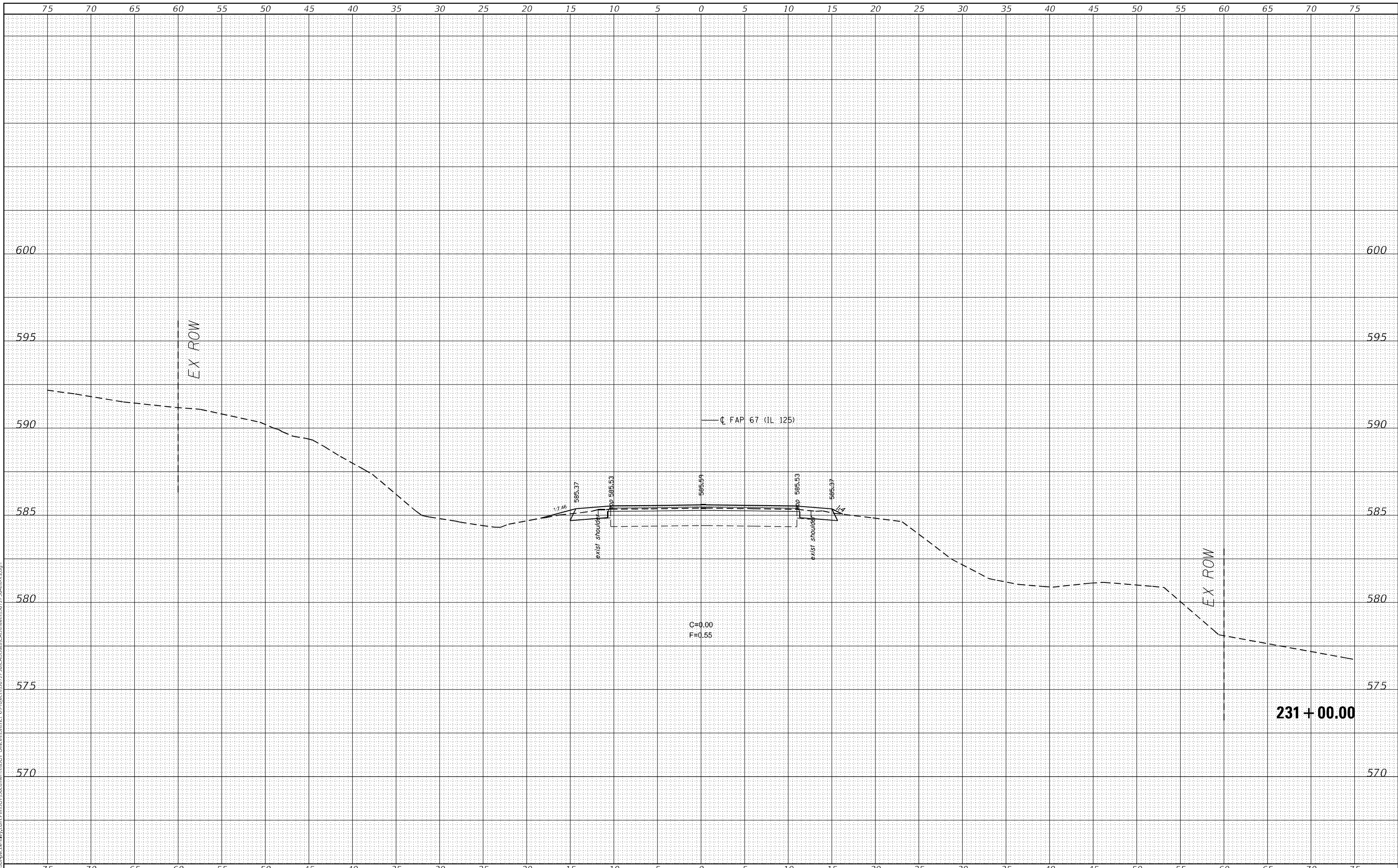




FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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 PROJECT: D:\mfr\...



USER NAME = Jonathan Cox	DESIGNED -	REVISIED -
	DRAWN -	REVISIED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISIED -
PLOT DATE = 3/24/2023	DATE -	REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS IL 125**

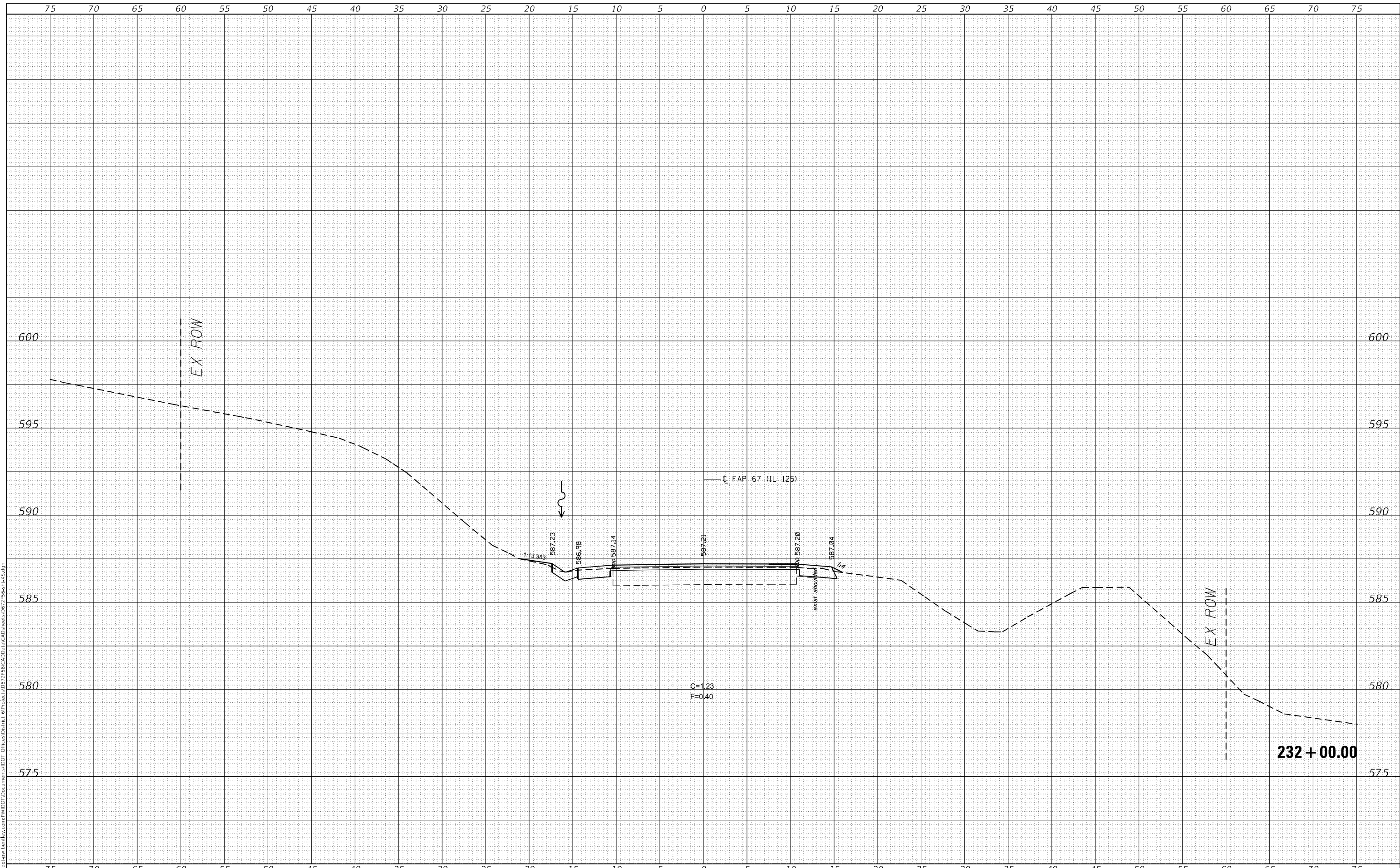
SCALE: SHEET 12 OF 26 SHEETS STA. 231+00.00 TO STA. 231+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	60
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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USER NAME = Jonathan Cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS IL 125**

SCALE: SHEET 13 OF 26 SHEETS STA. 232+00.00 TO STA. 232+00.00

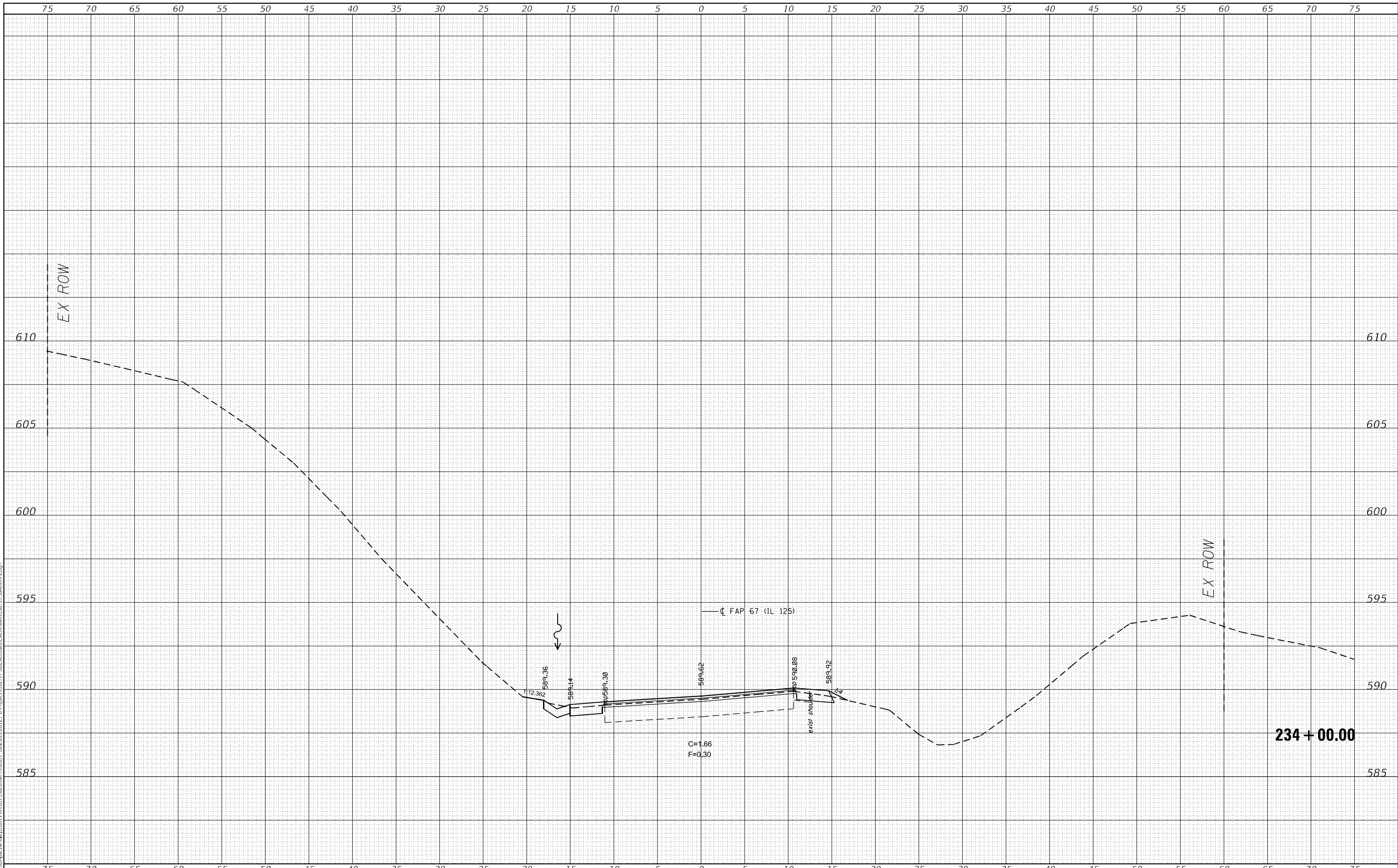
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	61
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				



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	
	AREAS CHECKED	

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USER NAME = Jonathan Cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

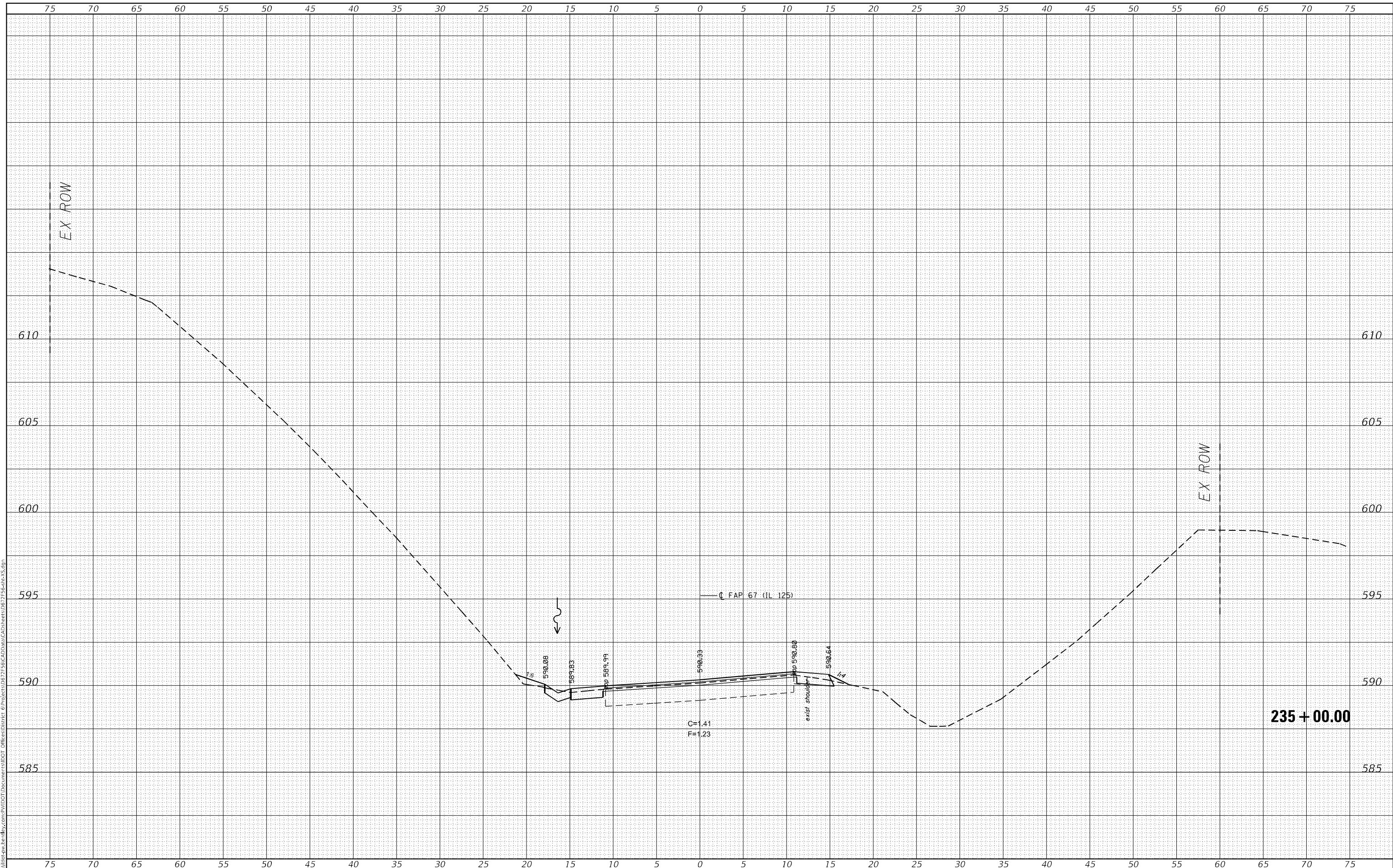
<b>CROSS SECTIONS IL 125</b>			
SCALE:	SHEET 15	OF 26	SHEETS
	STA. 234+00.00	TO STA. 234+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	63
CONTRACT NO. 72F56				
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 = jonathan.Cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS IL 125**

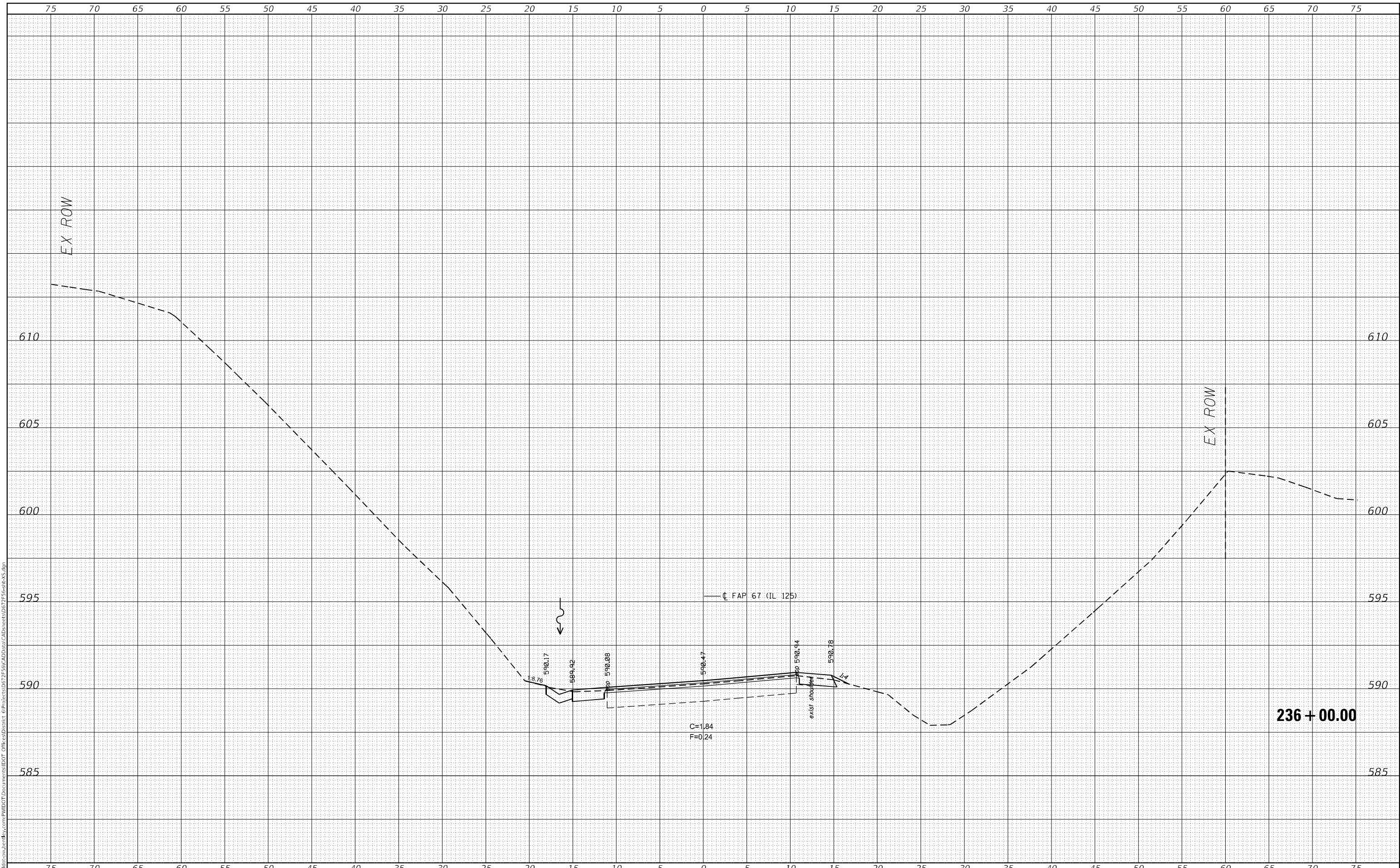
SCALE: SHEET 16 OF 26 SHEETS STA. 235+00.00 TO STA. 235+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	64
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				



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

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



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USER NAME = Jonathan.Cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0104' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS IL 125</b>			
SCALE:	SHEET 17	OF 26 SHEETS	STA. 236+00.00 TO STA. 236+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	65
				CONTRACT NO. 72F56
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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 USER: jonathan.cox



USER NAME = jonathan.cox	DESIGNED -	REVISD -
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PLOT DATE = 3/24/2023	CHECKED -	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS IL 125**

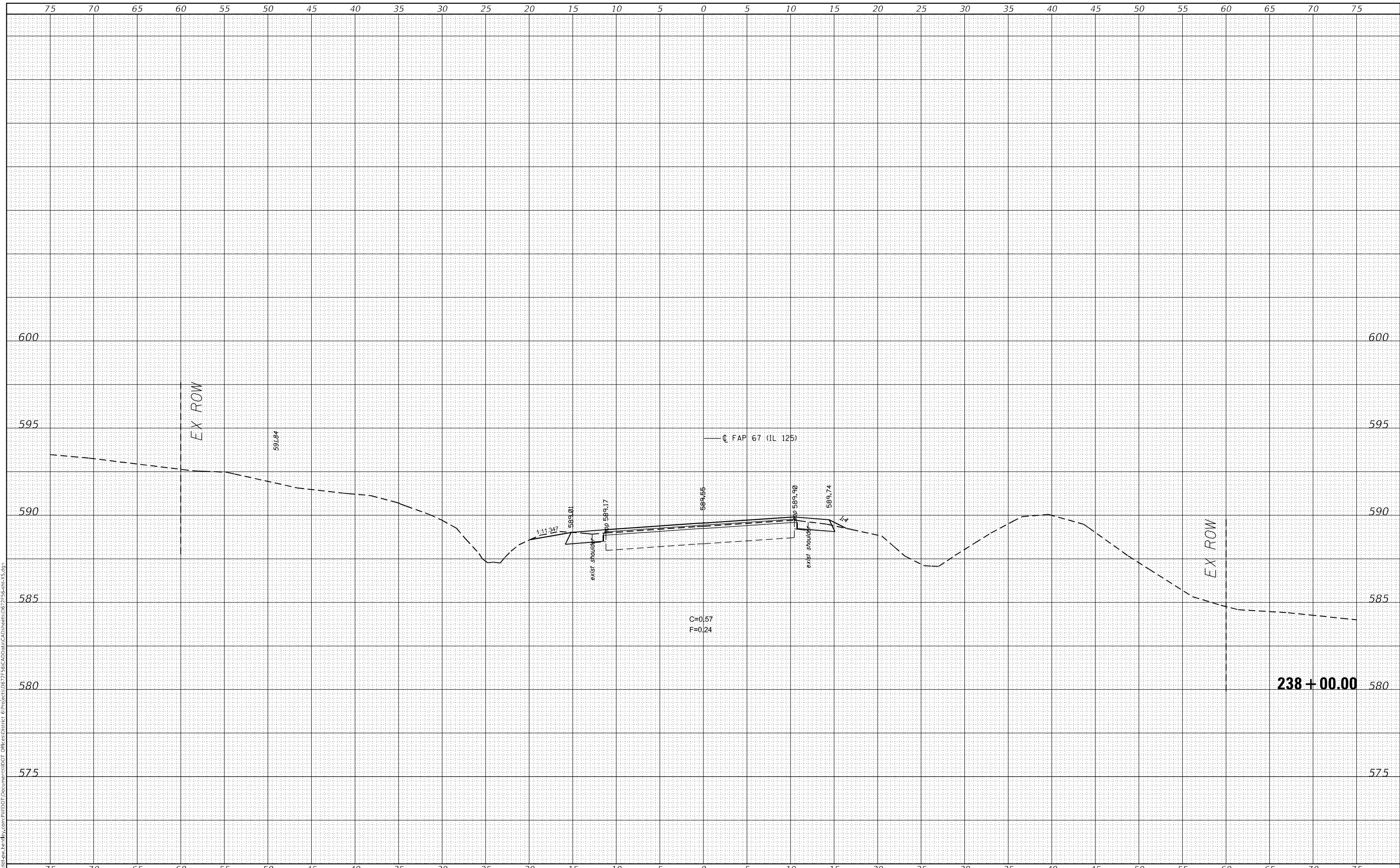
SCALE: SHEET 18 OF 26 SHEETS STA. 237+00.00 TO STA. 237+00.00

F.A.P. RTE. 67	SECTION (6RS-4,5RS-6)SR, 145RS-5	COUNTY CASS	TOTAL SHEETS 74	SHEET NO. 66
CONTRACT NO. 72F56				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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USER NAME = Jonathan Cox	DESIGNED -	REVISIED -
	DRAWN -	REVISIED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISIED -
PLOT DATE = 3/24/2023	DATE -	REVISIED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS IL 125**

SCALE: SHEET 19 OF 26 SHEETS STA. 238+00.00 TO STA. 238+00.00

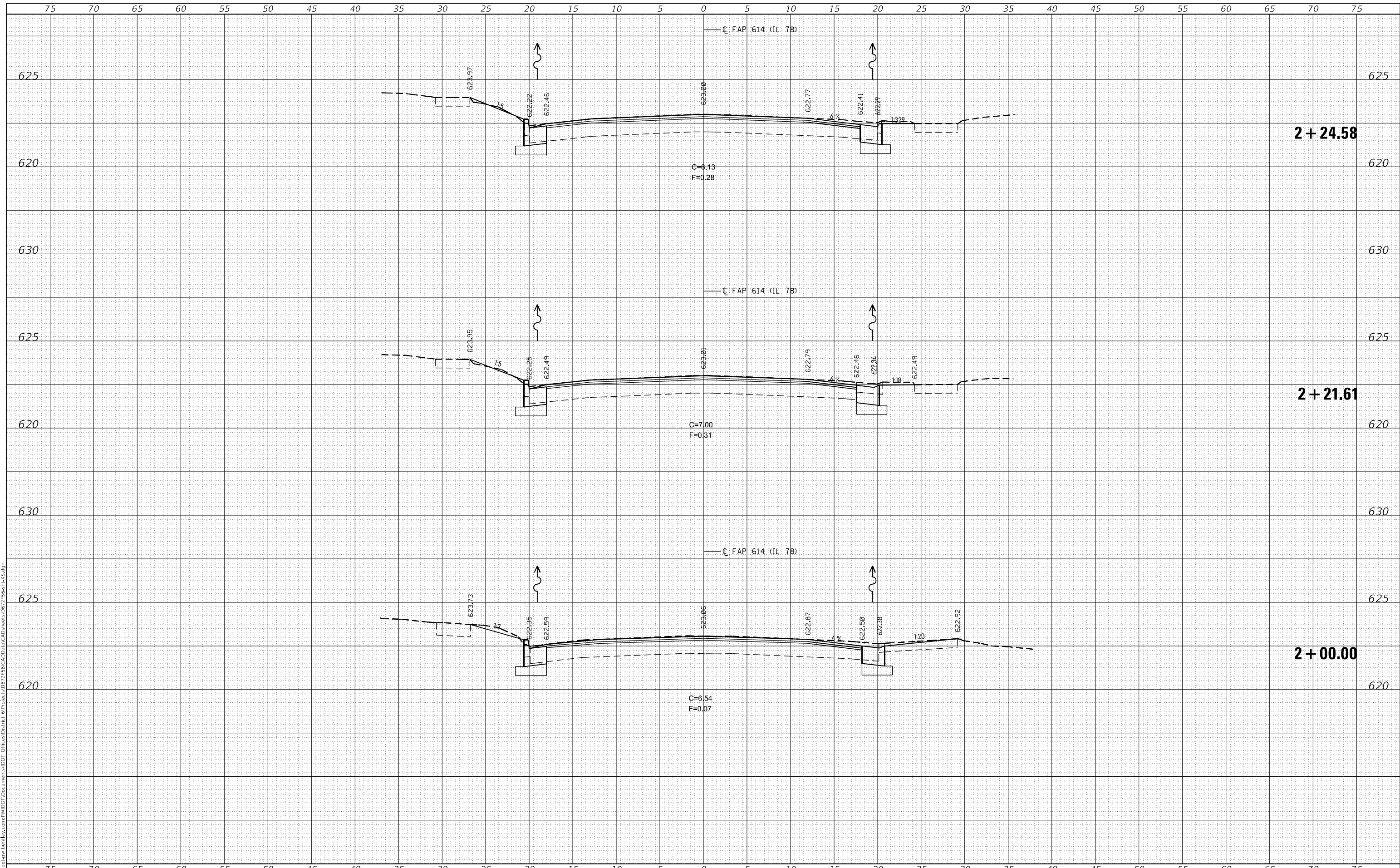
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	67
CONTRACT NO. 72F56				
ILLINOIS		FED. AID PROJECT		



DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

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USER NAME = jonathan.Cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS IL 78</b>			
SCALE:	SHEET 21	OF 26 SHEETS	STA. 2+00.00 TO STA. 2+24.58

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	69
				CONTRACT NO. 72F56
				ILLINOIS FED. AID PROJECT







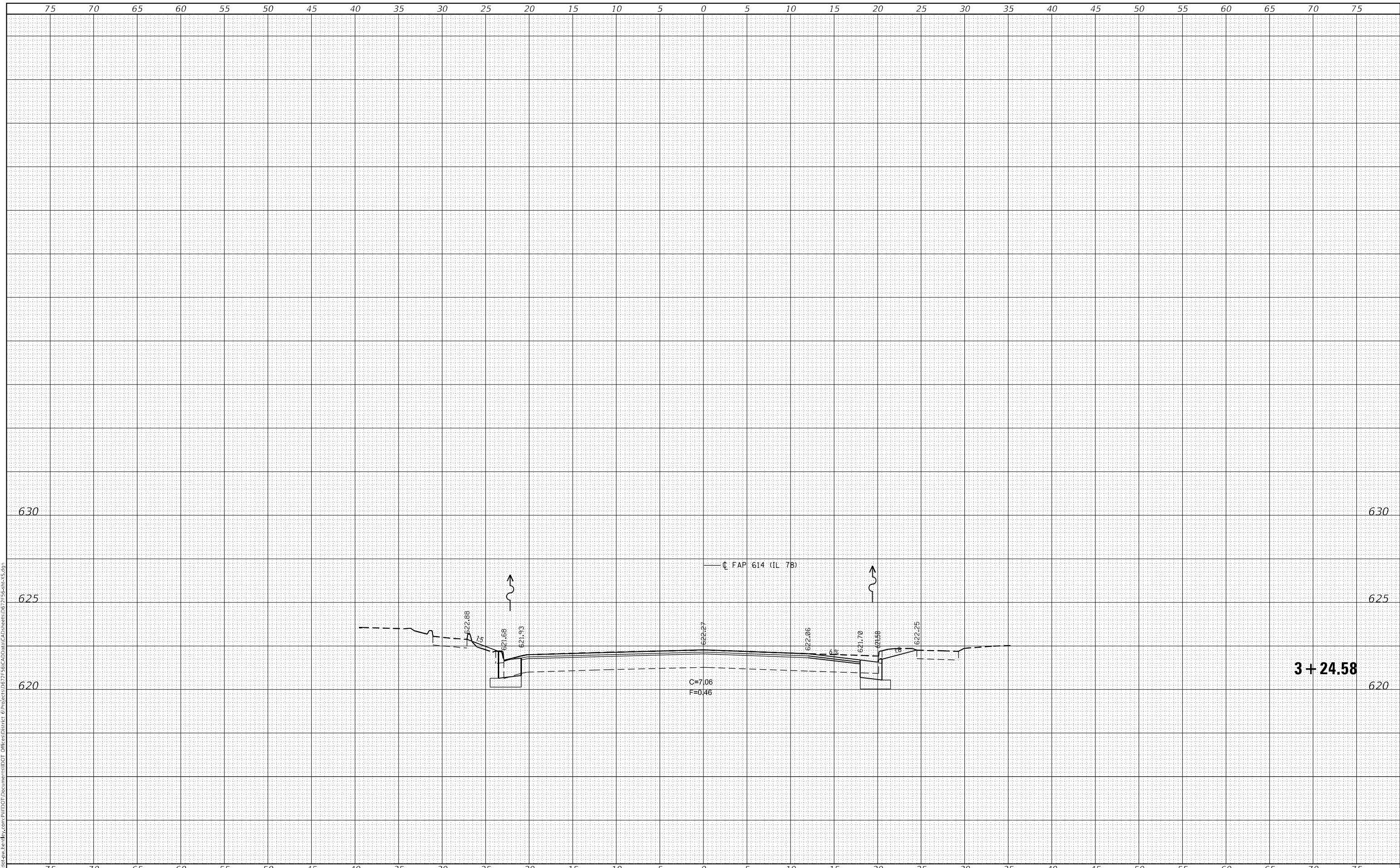




FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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	AREAS CHECKED	

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

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USER NAME = jonathan.Cox	DESIGNED -	REvised -
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PLOT DATE = 3/24/2023	DATE -	REvised -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS IL 78**

SCALE: SHEET 26 OF 26 SHEETS STA. 3+24.58 TO STA. 3+24.58

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	(6RS-4,5RS-6)SR, 145RS-5	CASS	74	74
				CONTRACT NO. 72F56
		ILLINOIS	FED. AID PROJECT	