

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	1
		ILLINOIS	CONTRACT NO. 72M71	

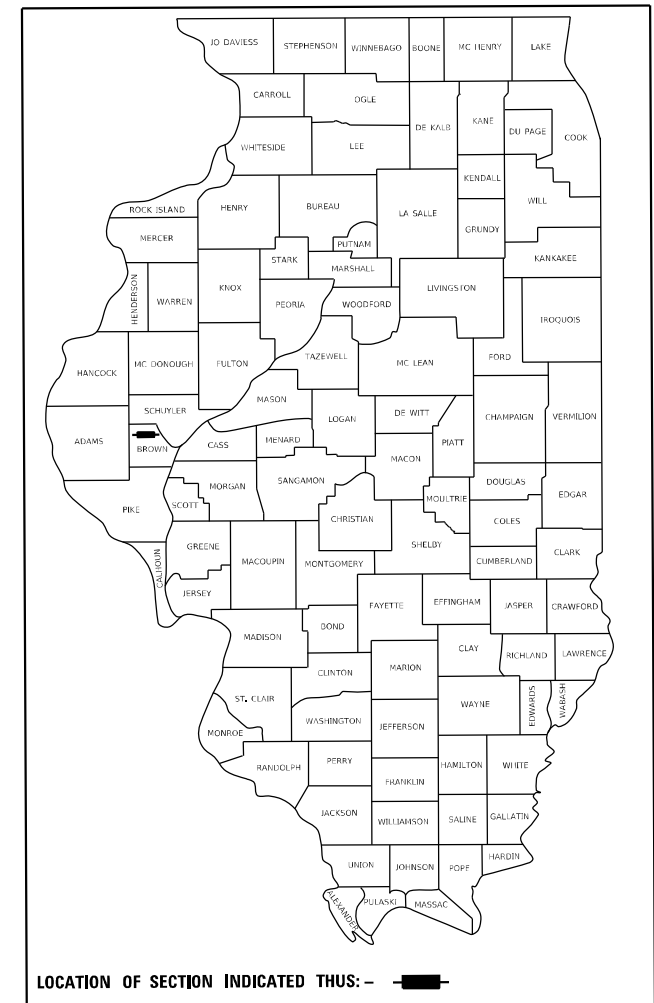
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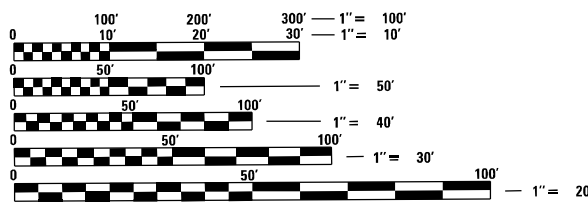
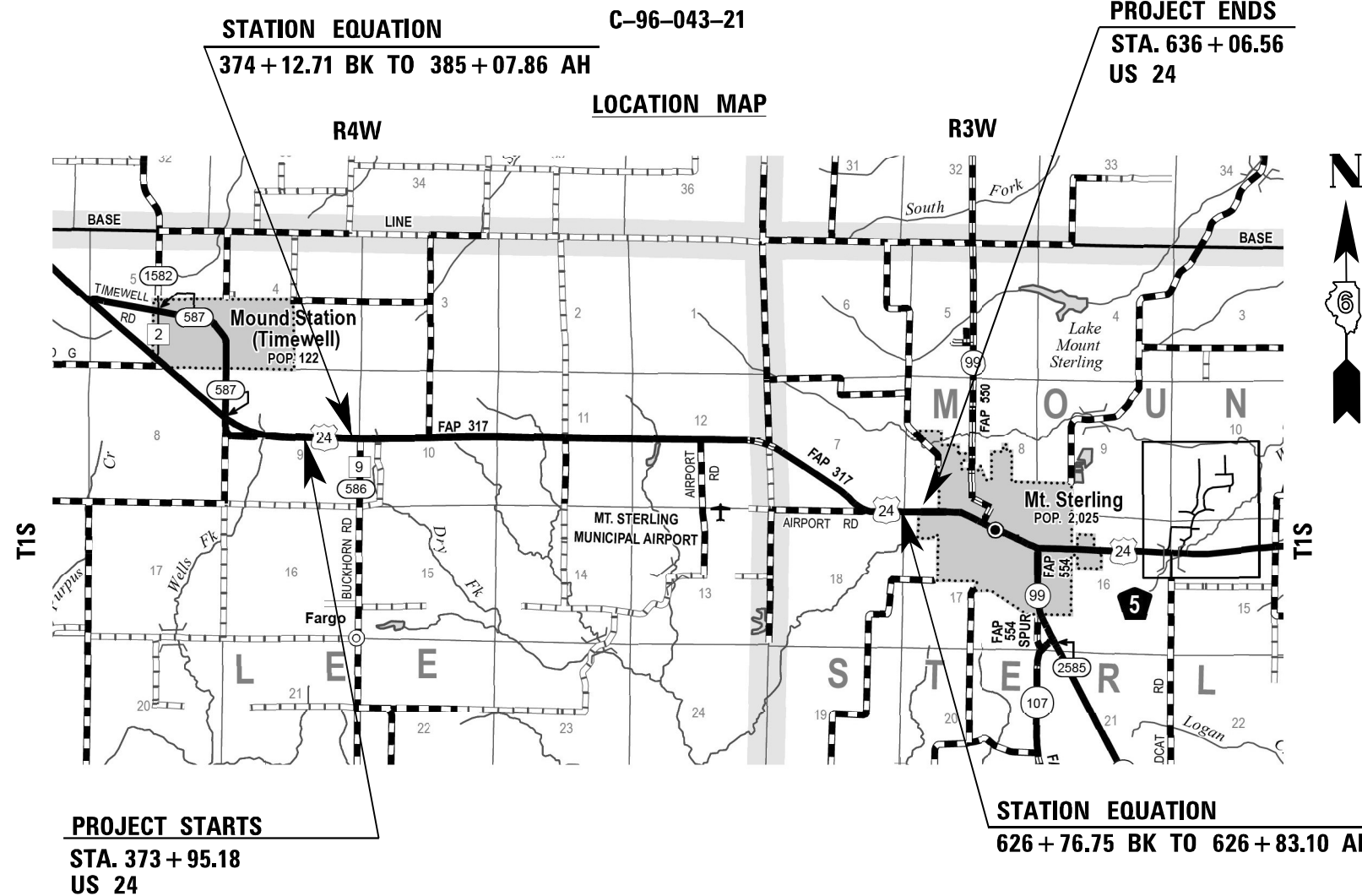
**PROPOSED
HIGHWAY PLANS**

ROUTE: FAP 317 (US 24)
SECTION: (6) RS-5, (7) RS-9
PROJECT: NHPP-0B7V(270)
STND OVERLAY, NEW HMA SHLDS, PATCHING
BROWN COUNTY

D-96-024-21



FUNCTIONAL CLASSIFICATION:
OTHER PRINC ART
SPEED LIMIT: 55 MPH
ADT (2021) = 3,183
SU = 4.83%
MU = 9.83%
PV = 85.34%



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

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

PROJECT ENGINEER : JAY EDWARDS (217) 785-0597
PROJECT MANAGER : SYLVETTE CUEBAS-CANCEL (217) 785-5329
DESIGNER : WILLIAM RODRIGUEZ-MENDEZ (217) 785-9102
CONTRACT NO. 72M71

SCALE
 GROSS LENGTH = 25,109.00 FT. = 4.75 MILE
 NET LENGTH = 25,109.00 FT. = 4.75 MILE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 SUBMITTED August 25, 2023
 [Signature] REGIONAL ENGINEER
 October 13, 2023
 [Signature] ENGINEER OF DESIGN AND ENVIRONMENT
 October 13, 2023
 [Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

GENERAL NOTES

- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON USGS MEAN SEA LEVEL DATUM.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

BITUMINOUS MATERIALS (TACK COAT)	0.05 LB/SQ. FT. (ON PAVEMENT: MILLED HMA)
BITUMINOUS MATERIALS (TACK COAT)	0.025 LB/SQ. FT. (ON PAVEMENT: LIFTS)
BITUMINOUS CONCRETE SURFACE/BINDER	0.056 TON/CU.YD.PER 1"
AGGREGATE MATERIAL	1.60 TON/CU. YD.

SEEDING:

NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASIUUM FERTILIZER NUTRIENT	90 LBS/ACRE
AGRICULTURAL GROUND LIMESSTONE	2 TON/ACRE
MULCH METHOD	2 TON/ACRE

- THE CONTRACTOR SHALL NOTIFY THE DISTRIC 6 BUREAU OF OPERATIONS AT (217) 785-5306 THREE WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
- LIMITS OF CONSTRUCTION ALONG SIDE ROADS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER BEFORE WORK BEGINS. LIMITS MAY BE ADJUSTED FROM PROPOSED PLAN LAYOUT IF ENGINEER DEEMS NECESSARY.
- NO PASSING ZONES TO BE FIELD VERIFIED BY THE RESIDENT ENGINEER. THE RESIDENT ENGINEER SHALL NOTIFY THE DISTRICT 6 TRAFFIC OPERATIONS ENGINEER WITH ANY NO PASSING ZONE CONCERNS AND AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT PAVEMENT MARKING AT (217)-785-5306.
- ALL GUARDRAIL SHALL HAVE A PRELIMINARY LAYOUT. GUARDRAIL POST SHALL BE ADJUSTED SO AS TO MISS ANY SHOULDER DRAINS, INLETS, PIPE CULVERTS, STORM SEWER OR ANY OTHER HAZARD THAT MAY INTERFERE WITH GUARDRAIL CONSTRUCTION.

STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-10	CLASS C AND D PATCHES
442201-03	CLASS C & D PATCHES
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635001-02	DELINEATORS
642006-01	SHOULDER RUMBLE STRIPS, 8"
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY FROM EDGE OF PAVEMET
701006-05	OFF-RD OPERATIONS 2L,2W, 15' (4.5M) TO 24" FROM EDGE OF PAVEMNT
701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEED 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
701901-08	TRAFFIC CONTROL DEVICES
720011-01	METAL POST FOR SIGNS, MARKERS AND DELINEATORS
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

COMMITMENTS

- NO TREE REMOVAL SHALL OCCUR FROM APRIL 1ST TO SEPTEMBER 30TH ANY GIVEN CALENDAR YEAR.

RECOMMENDED MIXTURE REQUIREMENTS

MIXTURE USE:	HMA CONC. SURF. CSE	HMA BINDER CSE	PATCHING	HMA SHOULDERS, 6.5"	HMA SHOULDERS & INCIDENTAL HMA
PG:	PG 58-28	PG 58-28	PG 64-22	PG 64-28	PG 58-28
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL - 9.5	IL - 9.5FG	IL - 19.0	IL - 19.0	IL - 9.5
FRICITION AGGREGATE:	MIX "C"	N/A	N/A	N/A	MIX "C"
MIXTURE WEIGHT:	112 LBS/SY*IN	112 LBS/SY*IN	112 LBS/SY*IN	112 LBS/SY*IN	112 LBS/SY*IN
QUALITY MANAGEMENT	QCP	QCP	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	1,000 TONS	1,000 TONS	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE REQUIRED	YES	NO	NO	NO	NO

NOTE: NUCLEAR GAUGE WILL BE USED FOR DENSITY FOR VERIFICATION ON ALL QC/QA ITEMS.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	August, 24 20 23 <i>[Signature]</i> ENGINEER OF OPERATIONS
EXAMINED	August, 10 20 23 <i>[Signature]</i> ENGINEER OF PROJECT IMPLEMENTATION
EXAMINED	August, 16 20 23 <i>[Signature]</i> ENGINEER OF PROGRAM DEVELOPMENT

REV. - MS

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	DRAWN -	REVISED -		317	(6) RS-5, (7) RS-9	BROWN	44	2				
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 72M71				
PLOT DATE = 8/24/2023	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

CONSTR. CODE
PPS #: 6-00767-0000
80% FED., 20% STATE
ROADWAY
0005
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	215	215
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	270	270
20200100	EARTH EXCAVATION	CU YD	55	55
20800150	TRENCH BACKFILL	CU YD	46	46
21400100	GRADING AND SHAPING DITCHES	FOOT	3234	3234
25000200	SEEDING, CLASS 2	ACRE	0.8	0.8
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72	72
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	72	72
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	72	72
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.6	1.6
25100115	MULCH, METHOD 2	ACRE	0.8	0.8
28100205	STONE RIPRAP, CLASS A3	TON	447	447
28100207	STONE RIPRAP, CLASS A4	TON	311	311
28200200	FILTER FABRIC	SQ YD	466	466

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USER NAME = Sylvette.Cancel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -						317	(6) RS-5, (7) RS-9	BROWN	44	3
PLOT DATE = 8/25/2023	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 72M71	
	DATE -	REVISED -									ILLINOIS FED. AID PROJECT	

CONSTR. CODE
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80% FED., 20% STATE
ROADWAY
0005
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
35650500	BASE COURSE WIDENING 10"	SQ YD	293	293
35800100	PREPARATION OF BASE	SQ YD	627	627
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	365	365
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	46565	46565
40600370	LONGITUDINAL JOINT SEALANT	FOOT	50220	50220
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1117	1117
40600990	TEMPORARY RAMP	SQ YD	234	234
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	4297	4297
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	5156	5156
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	446	446
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	288	288
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	61673	61673
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	110	110
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	107	107

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72M71	

CONSTR. CODE
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 80% FED., 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	RURAL
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	77.0	77.0	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	714	714	
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	21937	21937	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1888	1888	
50104400	CONCRETE HEADWALL REMOVAL	EACH	6	6	
50105220	PIPE CULVERT REMOVAL	FOOT	810	810	
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	45	45	
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	135	135	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	894	894	
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	135	135	
54214719	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	EACH	2	2	
54214725	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 30"	EACH	6	6	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	450	450	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	370	370	

* SPECIALTY ITEM

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -						317	(6) RS-5, (7) RS-9	BROWN	44	5
PLOT DATE = 8/23/2023	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 72M71	
	DATE -	REVISED -									ILLINOIS FED. AID PROJECT	

CONSTR. CODE
PPS #: 6-00767-0000
80% FED., 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	RURAL
63500105	DELINEATORS	EACH	10	10	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	49520	49520	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10080	10080	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	840	840	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	69063	69063	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	319	319	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	4	4	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	319	319	

* SPECIALTY ITEM

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USER NAME = Sylvette,Cancel	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	6
			CONTRACT NO. 72M71	
		ILLINOIS FED. AID PROJECT		

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CONSTR. CODE
PPS #: 6-00767-0000
80% FED., 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 RURAL
X2020060	EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)	UNIT	495	495
X4811900	AGGREGATE SHOULDERS (SPECIAL)	TON	57	57
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	52	52
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0023600	FILLING EXISTING CULVERTS	EACH	3	3
∅ Z0076600	TRAINEES	HOUR	1500	1500
Z0034105	MATERIAL TRANSFER DEVICE	TON	5156	5156
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500	1500
Z0065796	RIPRAP SLURRY	SQ YD	466	466

∅ 0042

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -						317	(6) RS-5, (7) RS-9	BROWN	44	7
PLOT DATE = 8/25/2023	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 72M71				
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

HMA SHOULDERS SCHEDULE

PAY ITEM NUMBER		35650500		44000155		48203100		48203023		48203100		40600290		64200108		
LOCATION		PROPOSED	BASE CSE		HMA SURF.		HMA		HMA		HMA		BIT MAT		SHLD. RUMBLE	
FAP 317, US 24 1050 N AVE.		LENGTH	WIDENING 10"		REM. (1 1/2")		SHLDS (1.25")		SHLDS, 6.5"		SHLDS (1.5")		TACK COAT		STRIPS, 8"	
STATION	TO	STATION	FT	FT	SQ YD	SQ YD	TON	SQ YD	TON	TON	POUND	FT	FT	FT	FT	FT
RIGHT																
373+95.18	TO	374+12.71	17.53	4				7.79	0.65	1.75						17.53
STA EQ. 374+12.71 BK = 385+07.86 AH																
385+07.86	TO	388+26.34	318.48	4				141.55	11.89	31.85						318.48
388+26.34	TO	389+16.37	90.03	5.5	55.02	55.02	3.85		4.62	37.14						90.03
389+16.37	TO	415+45.66	2,629.29	4				1,168.57	98.16	262.93						2,629.29
416+27.13	TO	422+86.44	659.31	4				293.03	24.61	65.93						659.31
423+17.73	TO	486+17.45	6,299.72	4				2,799.88	235.19	629.97						6,299.72
486+17.45	TO	489+37.45	320.00	6				213.33	17.92	48.00						320.00
489+37.45	TO	496+53.12	715.67	4				318.08	26.72	71.57						715.67
497+34.57	TO	511+75.19	1,440.62	4				640.28	53.78	144.06						1,440.62
511+75.19	TO	512+50.19	75.00	5.5	45.83	45.83	3.21		3.85	30.94						75.00
512+50.19	TO	522+64.96	1,014.77	4				451.01	37.88	101.48						1,014.77
522+64.96	TO	523+34.96	70.00	5.5	42.78	42.78	2.99		3.59	28.88						70.00
523+34.96	TO	549+91.12	2,656.16	4				1,180.52	99.16	265.62						2,656.16
550+48.07	TO	576+84.95	2,636.88	4				1,171.95	98.44	263.69						2,636.88
577+93.48	TO	622+48.86	4,455.38	4				1,980.17	166.33	445.54						4,455.38
623+48.81	TO	626+76.75	327.94	4				145.75	12.24	32.79						327.94
STA EQ. 626+76.75 BK = 626+83.10 AH																
626+83.10	TO	636+06.56	923.46	4				410.43	34.48	92.35						923.46
LEFT																
373+95.18	TO	374+12.71	17.53	4				7.79	0.65	1.75						17.53
STA EQ. 374+12.71 BK = 385+07.86 AH																
385+07.86	TO	388+10.83	302.97	4				134.65	11.31	30.30						302.97
388+10.83	TO	389+10.83	100.00	5.5	61.11	61.11	4.28		5.13	41.25						100.00
389+10.83	TO	442+89.16	5,378.33	4				2,390.37	200.79	537.83						5,378.33
443+62.24	TO	486+58.50	4,296.26	4				1,909.45	160.39	429.63						4,296.26
486+58.50	TO	489+78.50	320.00	6				213.33	17.92	48.00						320.00
489+78.50	TO	496+51.34	672.84	4				299.04	25.12	67.28						672.84
497+11.34	TO	511+66.18	1,454.84	4				646.60	54.31	145.48						1,454.84
511+66.18	TO	512+41.18	75.00	5.5	45.83	45.83	3.21		3.85	30.94						75.00
512+41.18	TO	522+53.82	1,012.64	4				450.06	37.81	101.26						1,012.64
522+53.82	TO	523+23.92	70.10	5.5	42.84	42.84	3.00		3.60	28.92						70.10
523+23.92	TO	576+63.24	5,339.32	4				2,373.03	199.33	533.93						5,339.32
577+71.14	TO	626+76.75	4,905.61	4				2,180.27	183.14	490.56						4,905.61
STA EQ. 626+76.75 BK = 626+83.10 AH																
626+83.10	TO	636+06.56	923.46	4				410.43	34.48	92.35						923.46
TOTAL =					293.00	293.00	21.00	21,937.00	1,867.00	5,134.00	92.35	49,520.00				

MODEL: Default
FILE: hma_sch_sch_schedules.dgn
PROJECT: \\dot\project\1050 N Ave\1050 N Ave.dwg
USER: william_rodriquez-me
DATE: 9/28/2023

USER NAME = william_rodriquez-me DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES	F.A.P. RTE. 317	SECTION (6) RS-5, (7) RS-9	COUNTY BROWN	TOTAL SHEETS 44	SHEET NO. 8	CONTRACT NO. 72M71 ILLINOIS FED. AID PROJECT
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SIDEROAD & ENTRANCE SCHEDULE

PAY ITEM NUMBER											40600982	35800100	40800029	40800050	40200800
LOCATION			EXIST.	LENGTH	WIDTH	WIDTH	DEPTH		ENT.	MBT	HMA SURF.	PREPERATION	BIT.	INCIDENTAL	AGG.
FAP 317, US 24 1050 N AVE.			SURF.	FROM	FRONT	BACK	EXIST	EXIST	AREA	AREA	REM.	OF	MATERIALS	HMA	SURF. CSE.
STATION	LT / RT	TYPE	TYPE	FT	FT	FT	IN		SQ YD	SQ YD	SQ YD	SQ YD	POUND	TON	TON
415+91.77	RT	SIDE RD	O & C	49	95.55	22.62	1.5	8	228.67	-	10.7	218.0	4.81	98.6	-
420+67.04	LT	PE / MBT	HMA / AGG	8	38.85	27.67	1.5	3.5	29.56	8.68	8.8	21.42	0.38	4.27	2.15
423+02.51	RT	SIDE RD	AGG	10	39.28	19.27	1.5	8	32.53	-	6.3	26.23	2.83	12.28	1.30
441+96.55	LT	PE / MBT	HMA / AGG	8	40.85	29.86	1.5	3.5	31.43	7.81	9.79	20.30	0.60	4.98	-
443+19.33	LT	SIDE RD	HMA / O & C	42.78	84.7	18.13	1.5	8	186.38	-	91.54	94.7	41.19	50.11	-
460+00.00	LT	PE / MBT	HMA / AGG	9.69	92.74	46.32	1.5	3.5	74.86	6.17	65.67	6.17	29.55	4.52	2.41
462+00.00	RT	PE / MBT	HMA / AGG	8	39.53	28.17	1.5	3.5	30.09	24.19	11.76	32.41	5.29	7.34	2.21
481+63.19	LT	PE / MBT	HMA	19.34	88	35	1.5	3.5	132.16	5.16	104.89	5.16	47.20	8.67	-
492+23.78	RT	PE / MBT	HMA / AGG	8	28.22	20.74	-	3.5	21.76	9.76	6.04	19.59	0.00	3.84	-
496+81.02	LT	SIDE RD	HMA / AGG	11.85	72.21	35.35	1.5	-	70.81	-	70.81	0.00	31.86	5.95	-
496+96.41	RT	SIDE RD	HMA / O & C	12.5	93.37	56.5	1.5	-	104.08	-	104.08	0.00	46.83	8.74	-
520+79.95	LT	FE	HMA / AGG	3.8	31	26.2	-	-	12.08	-	6.74	0.00	0.00	0.00	-
522+63.28	RT	FE	HMA / AGG	2.68	24.5	17.5	1.5	-	6.25	-	6.25	-	0.00	0.00	-
523+47.54	LT	PE	HMA / AGG	8	84.26	61	1.5	3.5	64.56	-	16.36	30.21	0.00	5.92	4.27
536+54.07	LT	PE / MBT	HMA / AGG	8	39.27	28.14	-	3.5	29.96	5.92	9.20	19.28	0.00	3.78	-
536+92.61	RT	FE	HMA / AGG	2.35	26.09	20.46	-	-	6.08	-	6.08	-	0.00	0.00	0.00
543+82.42	LT	CE	O & C	10	86.52	51.42	-	3.5	76.63	-	0.00	42.04	0.00	8.24	-
549+17.70	LT	CE	HMA / CONC.	11.55	110.53	63.67	1.5	-	111.78	-	96.78	-	29.06	5.42	-
550+13.87	RT	SIDE RD	HMA / O & C	11.43	60.5	38.68	1.5	3.5	62.98	-	59.59	6.20	26.82	6.22	-
577+28.79	LT	SIDE RD	HMA / O & C	12	124	83	1.5	-	138.00	-	138.00	-	62.10	11.59	-
577+28.79	RT	SIDE RD	HMA / AGG	12	125.32	69	1.5	-	129.55	-	129.55	-	58.30	10.88	3.72
623+15.36	RT	SIDE RD	HMA / O & C	11	123.5	68.87	1.5	-	117.56	-	117.56	-	52.90	9.87	-
629+20.83	RT	PE	AGG	8	61.5	50	-	3.5	49.56	-	0.00	23.53	0.00	4.61	4.26
631+48.87	LT	PE	HMA / O & C	8	42.88	29.57	1.5	3.5	32.20	-	12.85	9.54	5.78	2.29	0.00
632+29.85	RT	PE	AGG	8	74.44	54	-	3.5	57.08	-	-	26.29	-	5.15	4.50
634+06.06	RT	CE	HMA / AGG	10	52.14	33.34	1.5	3.5	47.49	-	13.68	22.85	0.46	4.57	2.89
635+38.52	RT	CE	HMA / AGG	10	45.5	36.73	1.5	3.5	45.68	-	13.86	2.75	0.12	0.56	0.03
TOTAL =											1117	627	446	288	28

EARTHWORK SCHEDULE

PAY ITEM NUMBER		20200100			
LOCATION		EARTH EXC.	(CU YD)	(CU YD)	WASTE (+)
FAP 317, US 24 1050 N AVE.		(CU YD)	(CU YD)	(CU YD)	SHORTAGE (-)
STATION TO STATION	LOCATION	CUT	SHRINKAGE	FILL	BALANCE
US 24 INT.					
STATION EQUATION: STA. 374+12.71 BK = STA. 385+07.86 AH					
STA. 388+50.00	TO STA. 389+15.00	LT/RT	2	2	22
STA. 511+50.00	TO STA. 512+75.00	LT/RT	9	7	20
SIA. 522+50.00	TO STA. 523+50.00	LT/RT	7	5	15
STA. 623+17.00	TO STA. 624+10.75	LT	37	28	19
(SHRINKAGE FACTOR=25%) TOTAL =			55	41	76
					-44

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USER NAME = william.rodriquez-me	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/28/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	9
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

PAY ITEM CODE NUMBER				44000155	40600290		40602965	40604050		40600370	Z0034105
LOCATION	LENGTH	WIDTH	AREA	HMA SURF. REM. (1 1/2")	BIT. MAT. TACK COAT		HMA BIN. CSE, 1L-9.5FG, N50 (1 1/4")	HMA SURF. CSE, 1L-9.5, MIX "C", N50 (1 1/2")		LONG. JOINT SEALANT	MATERIAL TRANSFER DEVICE
				(SQ YD)	MILLING	LIFT	(TON)		(TON)	(FOOT)	(TON)
RIGHT											
STA 373+95.18 TO STA 374+12.71	17.53	11	21.43	21.43	9.64	4.82	1.50	1.80		17.53	1.80
STA EQ. 374+12.71 BK = 385+07.86 AH											
STA 385+07.86 TO STA 626+76.75	24,168.89	11	29,539.75	29,539.75	13,292.89	6,646.44	2,067.78	2,481.34		24,168.89	2,481.34
STA EQ. 626+76.75 BK = 626+83.10 AH											
STA 626+83.10 TO STA 636+06.56	923.46	11	1,128.67	1,128.67	507.90	253.95	79.01	94.81		923.46	94.81
LEFT											
STA 373+95.18 TO STA 374+12.71	17.53	11	21.43	21.43	9.64	4.82	1.50	1.80		17.53	1.80
STA EQ. 374+12.71 BK = 385+07.86 AH											
STA 385+07.86 TO STA 626+76.75	24,168.89	11	29,539.75	29,539.75	13,292.89	6,646.44	2,067.78	2,481.34		24,168.89	2,481.34
STA EQ. 626+76.75 BK = 626+83.10 AH											
STA 626+83.10 TO STA 636+06.56	923.46	11	1,128.67	1,128.67	507.90	253.95	79.01	94.81		923.46	94.81
TOTAL =				61,380.00	41,431.00		4,297.00	5,156.00		50,220.00	5,156.00

CLASS D PATCHES

PAY ITEM CODE NUMBER		44201803	44201807
LOCATION	OFFSET	CLASS D PATCHES TYPE II, 13 INCH	CLASS D PATCHES TYPE III, 13 INCH
STATIONS	RT / LT	(SQ YD)	(SQ YD)
STA. 535+04.00	RT	5.78	0.00
STA. 549+58.00	RT	5.78	0.00
STA. 557+19.00	RT	0.00	18.78
STA. 562+04.00	RT	14.67	0.00
STA. 600+25.00	RT	5.78	0.00
STA. 612+62.00	RT	5.78	0.00
STA. 476+83.00	LT	5.33	0.00
STA. 501+28.00	LT	0.00	23.11
STA. 523+52.00	LT	14.44	0.00
STA. 549+58.00	LT	5.78	0.00
STA. 552+68.00	LT	5.78	0.00
STA. 557+19.00	LT	0.00	18.78
STA. 557+75.00	LT	5.78	0.00
STA. 568+63.00	LT	5.78	0.00
STA. 594+11.00	LT	7.22	0.00
STA. 600+25.00	LT	5.78	0.00
STA. 607+64.00	LT	5.78	0.00
STA. 612+62.00	LT	0.00	16.00
STA. 629+26.00	LT	7.22	0.00
TOTAL =		107	77

PAINT PAVEMENT MARKING

PAY ITEM CODE NUMBER			78001120	
LOCATION	LENGTH	PAINT PAVT MK EDGE WHITE LINE 5"		
FAP 317, US 24 1050 N AVE.	(FT)	(FT)		
LT				
STA 373+95.18 TO STA 374+12.71	17.53	17.53		
STA EQ. 374+12.71 BK = 385+07.86 AH				
STA 385+07.86 TO STA 442+86.00	5,778.14	5,778.14		
STA 443+66.36 TO STA 496+47.17	5,280.81	5,280.81		
STA 497+14.86 TO STA 576+58.58	7,943.72	7,943.72		
STA 577+76.65 TO STA 626+76.75	4,900.10	4,900.10		
STA EQ. 626+76.75 BK = 626+83.10 AH				
STA 626+83.10 TO STA 636+06.56	923.46	923.46		
SUB-TOTAL		24,843.76	24,843.76	
RT				
STA 373+95.18 TO STA 374+12.71	17.53	17.53		
STA EQ. 374+12.71 BK = 385+07.86 AH				
STA 385+07.86 TO STA 415+40.72	3,032.86	3,032.86		
STA 416+30.96 TO STA 422+83.49	652.53	652.53		
STA 423+20.59 TO STA 496+49.67	7,329.08	7,329.08		
STA 497+38.55 TO STA 549+89.76	5,251.21	5,251.21		
STA 550+49.29 TO STA 576+76.50	2,627.21	2,627.21		
STA 577+97.05 TO STA 622+38.16	4,441.11	4,441.11		
STA 623+53.91 TO STA 626+76.75	322.84	322.84		
STA EQ. 626+76.75 BK = 626+83.10 AH				
STA 626+83.10 TO STA 636+06.56	923.46	923.46		
SUB-TOTAL		24,597.83	24,597.83	
TOTAL =		49,442.00	49,442.00	

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USER NAME = Sylvette,Cancel	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/23/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	10
CONTRACT NO. 72M71			ILLINOIS FED. AID PROJECT	

PIPE CULVERT SCHEDULE

PAY ITEM NUMBER				50105220	542D0220	542D0223	20800150	40200800
LOCATION	OFFSET	ENTRANCE OR	EXISTING	PIPE CULVERT	PIPE CULVERT CL D,	PIPE CULVERT CL D,	TRENCH	AGG SURF CSE,
FAP 317, US 24 1050 N AVE.		SIDEROAD	PIPE CULVERT	REM.	TY 1, 15" (CMP)	TY 1, 18" (CMP)	BACKFILL	TY B
STATION	LT / RT		FT	FT	FT	FT	CU YD	TON
STA. 388+30.00	LT	FE	15" CMP	21	40			6.0
STA. 389+36.64	RT	FE	15" CMP	26	45			13.3
STA. 395+56.03	LT	FE	12" CMP	29	40			9.4
STA. 426+28.46	RT	FE	15" CMP	26	44			16.8
STA. 441+26.37	RT	FE	15" CMP	29	40			6.1
STA. 441+96.55	LT	PE	12" CMP	44	45			7.9
STA. 458+94.70	RT	FE	15" CMP	42	45			12.3
STA. 470+90.81	RT	FE	15" CMP	45	45			10.3
STA. 480+51.21	LT	FE	15" CMP	39	40			11.9
STA. 481+63.19	LT	PE	15" CMP	60	60		10.7	
STA. 482+56.69	RT	FE	15" CMP	30	45			18.4
STA. 483+68.18	RT	FE	15" CMP	25	45			16.2
STA. 492+23.78	RT	PE	15" CMP	28	45			21.8
STA. 496+35.50	LT	FE	18" CMP	30				
STA. 496+81.02	LT	SR	15" CMP	45	100			98.4
STA. 510+22.60	RT	FE	18" CMP	30		40		10.1
STA. 520+79.95	LT	FE	15" CMP	22	40			12.1
STA. 522+63.28	RT	FE	15" CMP	22	40			9.7
STA. 523+70.85	RT	FE	15" CMP	22	40			10.5
STA. 535+82.35	RT	FE	18" CMP	30		45		13.3
STA. 536+54.07	LT	PE	15" CMP	48	50			7.9
STA. 537+86.47	LT	FE	15" CMP	22	45			14.0
STA. 543+82.42	LT	CE	18" CMP	50		50		10.7
TOTAL =				765	894	135	11	337

ELLIPTICAL PIPE CULVERT SCHEDULE

PAY ITEM NUMBER	50105220	44200126	20800150	542A5479	542A5485	54214719	54214725	63500105	
LOCATION	PIPE	PAVT PATCHING,	TRENCH	PIPE CULVERTS,	PIPE CULVERTS	PRCF	PRCF	DEL INEATORS	
FAP 317, US 24 1050 N AVE.	CULVERT	TYPE IV	BACKFILL	CLASS A, TYPE 1	CLASS A, TYPE 1	END SECTIONS	END SECTIONS		
	REMOVAL	10 INCH		EQ ROUND-SIZE 24"	EQ ROUND-SIZE 30"	ELLIPTICAL EQRS 24"	ELLIPTICAL EQRS 30"		
STATION	(FT)	(SQ YD)	(CUYD)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	
STA. 388+58.90	45	33	24.8	45		2		2	
STA. 388+77.50		37	6.0		45		2	2	
STA. 512+09.50		37	14.1		45		2	2	
STA. 522+95.00		37	15.0		45		2	2	
TOTAL =		45	110	35	45	135	2	6	8

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USER NAME = william.rodriguez-me	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/28/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	12
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				

BOX CULVERT SCHEDULE

PAY ITEM NUMBER	50104400	Z0023600	Z0012754
LOCATION	CONCRETE HEADWALL REMOVAL	FILLING EXISTING CULVERTS	STRUCTURAL REPAIR OF CONC. (DP ≤ 5")
FAP 317, US 24 1050 N AVE.			
STATION	(EACH)	(EACH)	(SQ FT)
SIA. 388+87.52	2	1	
STA. 422+53.22			32
STA. 512+00.00	2	1	
STA. 523+06.00	2	1	
STA. 532+92.00			20
TOTAL =	6	3	52

RIPRAP SCHEDULE

PAY ITEM NUMBER	28100205	28100207	28200200	Z0065796
LOCATION	STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4	FILTER FABRIC	RIPRAP SLURRY
FAP 317, US 24 1050 N AVE.	LENGTH	WIDTH		
STATION TO STATION	(FT)	(FT)	(TONS)	(TONS)
			(SQYD)	(SQYD)
RIGHT				
STA. 422+00.65 TO STA. 422+90.66	90.0	35.0	116.7	
STA. 487+51.00 TO STA. 488+51.00	100.0	40.0	71.2	154.1
STA. 532+86.00 TO STA. 533+01.00	15.0	30.0		33.3
STA. 533+50.40 TO STA. 535+59.38	209.0	4.0	31.0	
STA. 622+93.00 TO STA. 624+30.00	171.0	20.0	101.1	
LEFT				
STA. 422+46.11 TO STA. 422+61.11	15.0	30.0	16.7	
STA. 487+85.00 TO STA. 488+15.00	30.0	30.0	10.6	45.6
STA. 532+71.00 TO STA. 533+01.00	30.0	35		77.8
STA. 533+04.00 TO STA. 536+32.00	328.0	3.0	36.4	
STA. 623+17.00 TO STA. 624+10.75	110.0	15.5	63.4	
TOTAL =			447.0	311.0
			466.0	466.0

TEMPORARY RAMPS

PAY ITEM NUMBER				40600990
LOCATION	LENGTH	WIDTH	TEMP. RAMP	
FAP 317, US 24 1050 N AVE.	(FOOT)	(FOOT)	(SQ YD)	
FAP 317 (US 24)	LOCATION			
373+95.18 TO 374+00.18	BEGIN	BEGIN	5.00	22
9+40.00 TO 9+45.00	BUCKHORN	SR-RT	5.00	22.5
9+40.00 TO 9+45.00	E 310 ST	SR-RT	5.00	19
10+48.80 TO 10+53.80	COUNTY RD	SR-LT	5.00	18
10+17.85 TO 10+22.85	S056 TR 450 E	SR-LT	5.00	35.5
9+76.50 TO 9+81.50	S057 TR 450 E	SR-RT	5.00	47.5
9+77.57 TO 9+82.57	S058 TR 550 E	SR-RT	5.00	38.68
10+20.00 TO 10+25.00	S059 TR 600 E	SR-LT	5.00	57
9+75.00 TO 9+80.00	S060 TR 600 E	SR-RT	5.00	69
9+70.00 TO 9+75.00	S060 CR 1000N	SR-RT	5.00	69
636+01.56 TO 636+06.56	END	END	5.00	22
TOTAL =				234.00

GUARDRAIL SCHEDULE

PAY ITEM NUMBER	63200310	63000003	63100167	78200005	72501000	63500105
LOCATION	GUARDRAIL REMOVAL	SPBG TY. A 9' POST	TBT, TY-1 (SPL.) TAN.	GUARDRAIL REFLECTORS TY. A	TERMINAL MARKER-D.A.	DEL INEATORS
FAP 317, US 24 1050 N AVE.	LENGTH					
STATION TO STATION	(FT)	(FT)	(FT)	(EACH)	(EACH)	(EACH)
EXISTING GUARDRAIL						
STA. 487+20.69 LT TO STA. 488+68.19 LT	147.50	147.50				
STA. 486+73.66 RT TO STA. 488+96.56 RT	222.90	222.90				
PROPOSED GUARDRAIL						
STA. 486+68.39 LT TO STA. 489+68.39 RT	300.00		225.0	2.0	2.0	1.0
STA. 486+27.45 RT TO STA. 489+27.45 RT	300.00		225.0	2.0	2.0	1.0
(37.5 FT WAS ASSUMED FOR TBT, TY-1)	TOTAL =	370	450.0	4.0	4.0	2.0

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USER NAME = Sylvette,Cancel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	13
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				

GRADING & SHAPING SCHEDULE

PAY ITEM NUMBER				21400100	
LOCATION			OFFSET	GRADING & SHAPING DITCHES	
FAP 317, US 24 1050 N AVE.					
STATION	TO	STATION	LT / RT	FT	
STA. 387+60.02	TO	STA. 388+10.04	LT	50	
STA. 387+75.00	TO	STA. 388+50.00	RT	75	
STA. 389+59.24	TO	STA. 390+09.29	RT	50	
STA. 394+85.60	TO	STA. 395+35.58	LT	50	
STA. 395+75.59	TO	STA. 396+25.62	LT	50	
STA. 421+25.00	TO	STA. 422+00.00	RT	75	
STA. 425+56.88	TO	STA. 426+06.90	RT	50	
STA. 426+50.89	TO	STA. 427+00.89	RT	50	
STA. 440+55.80	TO	STA. 441+05.80	RT	50	
STA. 441+45.80	TO	STA. 441+95.80	RT	50	
STA. 441+23.99	TO	STA. 441+74.00	LT	50	
STA. 442+19.00	TO	STA. 442+68.99	LT	50	
STA. 458+21.75	TO	STA. 458+71.75	RT	50	
STA. 459+16.75	TO	STA. 459+66.77	RT	50	
STA. 470+17.78	TO	STA. 470+67.86	RT	50	
STA. 471+12.93	TO	STA. 471+63.03	RT	50	
STA. 479+78.50	TO	STA. 480+28.49	LT	50	
STA. 480+68.50	TO	STA. 481+39.90	LT	71	
STA. 481+99.91	TO	STA. 482+49.95	LT	50	
STA. 481+84.84	TO	STA. 482+34.83	RT	50	
STA. 482+80.06	TO	STA. 483+45.33	RT	65	
STA. 483+90.35	TO	STA. 484+40.39	RT	50	
STA. 491+53.67	TO	STA. 492+03.64	RT	50	
STA. 492+48.65	TO	STA. 492+98.69	RT	50	
STA. 495+53.42	TO	STA. 496+03.40	LT	50	
STA. 497+03.41	TO	STA. 497+53.52	LT	50	
STA. 509+51.15	TO	STA. 510+01.16	RT	50	
STA. 510+41.17	TO	STA. 510+91.18	RT	50	
STA. 512+09.51	TO	STA. 512+16.64	RT	27	
STA. 520+10.58	TO	STA. 520+60.57	LT	50	
STA. 521+00.58	TO	STA. 521+50.57	LT	50	
STA. 521+86.37	TO	STA. 522+36.40	RT	50	
STA. 523+06.00	TO	STA. 523+07.33	RT	27	
STA. 523+90.81	TO	STA. 524+40.82	RT	50	
STA. 522+41.92	TO	STA. 522+46.18	LT	14	
STA. 533+50.46	TO	STA. 535+59.85	RT	209	
STA. 536+04.85	TO	STA. 536+54.86	RT	50	
STA. 533+05.92	TO	STA. 536+28.56	LT	331	
STA. 536+78.56	TO	STA. 537+63.63	LT	85	
STA. 538+08.63	TO	STA. 538+58.65	LT	50	
STA. 543+07.64	TO	STA. 543+57.64	LT	50	
STA. 544+07.64	TO	STA. 544+57.64	LT	50	
STA. 563+97.45	TO	STA. 568+80.21	RT	483	
STA. 622+87.49	TO	STA. 624+45.70	RT	171	
TOTAL =				3,234	

EXC. & GRADING EX. SHOULDERS SCHEDULE

PAY ITEM NUMBER				X2020060	
LOCATION			LENGTH	EXC & GR EX SHOULDER (SPECIAL)	
STATION	TO	STATION	FT	UNIT	
RIGHT					
373+95.18	TO	374+12.71	17.53	0.18	
STA EQ. 374+12.71 BK = 385+07.86 AH					
385+07.86	TO	415+45.66	3,037.80	30.38	
416+27.13	TO	422+86.44	659.31	6.59	
423+17.73	TO	496+53.12	7,335.39	73.35	
497+34.57	TO	549+91.12	5,256.55	52.57	
550+48.07	TO	576+84.95	2,636.88	26.37	
577+93.48	TO	622+48.86	4,455.38	44.55	
623+48.81	TO	626+76.75	327.94	3.28	
STA EQ. 626+76.75 BK = 626+83.10 AH					
626+83.10	TO	636+06.56	923.46	9.23	
LEFT					
373+95.18	TO	374+12.71	17.53	0.18	
STA EQ. 374+12.71 BK = 385+07.86 AH					
385+07.86	TO	442+89.16	5,781.30	57.81	
443+62.24	TO	496+51.34	5,289.10	52.89	
497+11.34	TO	576+63.24	7,951.90	79.52	
577+71.14	TO	626+76.75	4,905.61	49.06	
STA EQ. 626+76.75 BK = 626+83.10 AH					
626+83.10	TO	636+06.56	923.46	9.23	
*CONTINUATION OF HMA SHLDS SCH. TOTAL =				495.00	

RAISED REFLECTIVE PAVEMENT MARKING SCHEDULE

PAY ITEM CODE NUMBER						78100100	78300200
LOCATION			LENGTH	DESCRIPTION	SPACING	RAISED REF PM	RAISED REF PM REM
FAP 317, US 241050 N AVE.			(FT)			(EACH)	(EACH)
FAP 317, US 24 CL							
STA 373+95.18	TO	STA 374+12.71	17.53	TWO-WAY AMBER	1@80	2	2
STA EQ. 374+12.71 BK = 385+07.86 AH							
STA 385+07.86	TO	STA 626+76.75	24168.89	TWO-WAY AMBER	1@80	304	304
STA EQ. 626+76.75 BK = 626+83.10 AH							
STA 626+83.10	TO	STA 636+06.56	923.46	TWO-WAY AMBER	1@80	13	13
TOTAL =						319	319

TREE REMOVAL SCHEDULE

PAY ITEM NUMBER		20100110	20100210
LOCATION		TREE REMOVAL (6 TO 15 UNITS DIA.)	TREE REMOVAL (OVER 15 UNITS DIA.)
FAP 317, US 24 1050 AVE.		(UNITS)	(UNITS)
STATION	TO STATION	(RT / LT)	(UNITS)
STA. 422+60.00		LT	48.0
STA. 487+87.87	TO STA. 488+26.37	RT	115.8
STA. 622+75.00	TO STA. 624+40.00	RT	156.0
TOTAL =			270.0

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/28/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	14
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				

SEEDING SCHEDULE

PAY ITEM NUMBER			25000200	25000400	25000500	25000600	25000700	25100115
LOCATION	OFFSET	LENGTH	SEEDING CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGR. GROUND LIMESTONE	MULCH METHOD 2
STATION TO STATION	LT / RT	(FT)	(ACRE)	(POUND)	(POUND)	(POUND)	(TON)	(ACRE)
STA. 387+75.00 TO STA. 389+16.41	RT	141.41	0.05	4.28	4.28	4.28	0.10	0.05
STA. 389+59.21 TO STA. 390+09.16	RT	49.95	0.01	1.03	1.03	1.03	0.02	0.01
STA. 387+60.00 TO STA. 388+10.00	LT	50.00	0.01	1.03	1.03	1.03	0.02	0.01
STA. 388+50.00 TO STA. 389+15.00	LT	65.00	0.03	2.34	2.34	2.34	0.05	0.03
STA. 394+85.73 TO STA. 395+35.71	LT	49.98	0.01	1.03	1.03	1.03	0.02	0.01
STA. 395+75.72 TO STA. 396+25.59	LT	49.87	0.01	1.03	1.03	1.03	0.02	0.01
STA. 421+25.42 TO STA. 422+00.53	RT	75.11	0.02	1.56	1.56	1.56	0.03	0.02
STA. 425+56.75 TO STA. 426+06.76	RT	50.01	0.01	1.03	1.03	1.03	0.02	0.01
STA. 426+51.00 TO STA. 427+00.98	RT	49.98	0.01	1.03	1.03	1.03	0.02	0.01
STA. 440+55.78 TO STA. 441+05.78	RT	50.00	0.01	1.03	1.03	1.03	0.02	0.01
STA. 441+46.50 TO STA. 441+95.84	RT	49.34	0.01	1.02	1.02	1.02	0.02	0.01
STA. 441+24.05 TO STA. 441+74.06	LT	50.01	0.01	1.03	1.03	1.03	0.02	0.01
STA. 442+18.95 TO STA. 442+68.95	LT	50.00	0.01	1.03	1.03	1.03	0.02	0.01
STA. 458+21.82 TO STA. 458+71.81	RT	49.99	0.01	1.03	1.03	1.03	0.02	0.01
STA. 459+16.69 TO STA. 459+66.67	RT	49.98	0.01	1.03	1.03	1.03	0.02	0.01
STA. 470+17.68 TO STA. 470+67.75	RT	50.07	0.01	1.03	1.03	1.03	0.02	0.01
STA. 471+13.05 TO STA. 471+62.97	RT	49.92	0.01	1.03	1.03	1.03	0.02	0.01
STA. 479+78.57 TO STA. 480+28.57	LT	50.00	0.01	1.03	1.03	1.03	0.02	0.01
STA. 480+71.02 TO STA. 481+39.94	LT	68.92	0.02	1.46	1.46	1.46	0.03	0.02
STA. 481+99.87 TO STA. 482+49.92	LT	50.05	0.01	1.03	1.03	1.03	0.02	0.01
STA. 481+84.76 TO STA. 482+34.75	RT	49.99	0.01	1.03	1.03	1.03	0.02	0.01
STA. 482+80.02 TO STA. 483+45.30	RT	65.28	0.01	1.35	1.35	1.35	0.03	0.01
STA. 483+90.50 TO STA. 484+40.54	RT	50.04	0.01	1.03	1.03	1.03	0.02	0.01
STA. 491+53.48 TO STA. 492+03.45	RT	49.97	0.01	1.03	1.03	1.03	0.02	0.01
STA. 492+48.79 TO STA. 492+98.83	RT	50.04	0.01	1.03	1.03	1.03	0.02	0.01
STA. 495+53.54 TO STA. 496+03.53	LT	49.99	0.01	1.03	1.03	1.03	0.02	0.01
STA. 497+03.32 TO STA. 497+53.41	LT	50.09	0.01	1.03	1.03	1.03	0.02	0.01
STA. 509+51.16 TO STA. 510+01.17	RT	50.01	0.01	1.03	1.03	1.03	0.02	0.01
STA. 510+41.20 TO STA. 510+91.22	RT	50.02	0.01	1.03	1.03	1.03	0.02	0.01
STA. 511+74.32 TO STA. 512+74.74	RT	100.42	0.05	4.16	4.16	4.16	0.09	0.05
STA. 511+75.28 TO STA. 512+49.98	LT	74.70	0.03	2.82	2.82	2.82	0.06	0.03
STA. 520+10.68 TO STA. 520+60.67	LT	49.99	0.01	1.03	1.03	1.03	0.02	0.01
STA. 521+00.68 TO STA. 521+50.67	LT	49.99	0.01	1.03	1.03	1.03	0.02	0.01
STA. 522+41.41 TO STA. 523+27.24	LT	85.83	0.04	3.18	3.18	3.18	0.07	0.04
STA. 521+86.41 TO STA. 522+36.96	RT	50.55	0.01	1.04	1.04	1.04	0.02	0.01
STA. 522+75.74 TO STA. 523+50.17	RT	74.43	0.04	3.17	3.17	3.17	0.07	0.04
STA. 523+90.85 TO STA. 524+40.86	RT	50.01	0.01	1.03	1.03	1.03	0.02	0.01
STA. 536+04.88 TO STA. 536+54.89	RT	50.01	0.01	1.03	1.03	1.03	0.02	0.01
STA. 536+78.65 TO STA. 537+63.72	LT	85.07	0.02	1.76	1.76	1.76	0.04	0.02
STA. 538+08.57 TO STA. 538+58.58	LT	50.01	0.01	1.03	1.03	1.03	0.02	0.01
STA. 543+07.68 TO STA. 543+57.68	LT	50.00	0.01	1.03	1.03	1.03	0.02	0.01
STA. 544+07.68 TO STA. 544+57.68	LT	50.00	0.01	1.03	1.03	1.03	0.02	0.01
STA. 563+97.50 TO STA. 568+80.00	RT	482.50	0.11	9.95	9.95	9.95	0.22	0.11
STA. 623+10.30 TO STA. 624+19.18	LT	108.88	0.03	2.55	2.55	2.55	0.06	0.03
TOTAL =			0.80	72	72	72	1.6	0.80

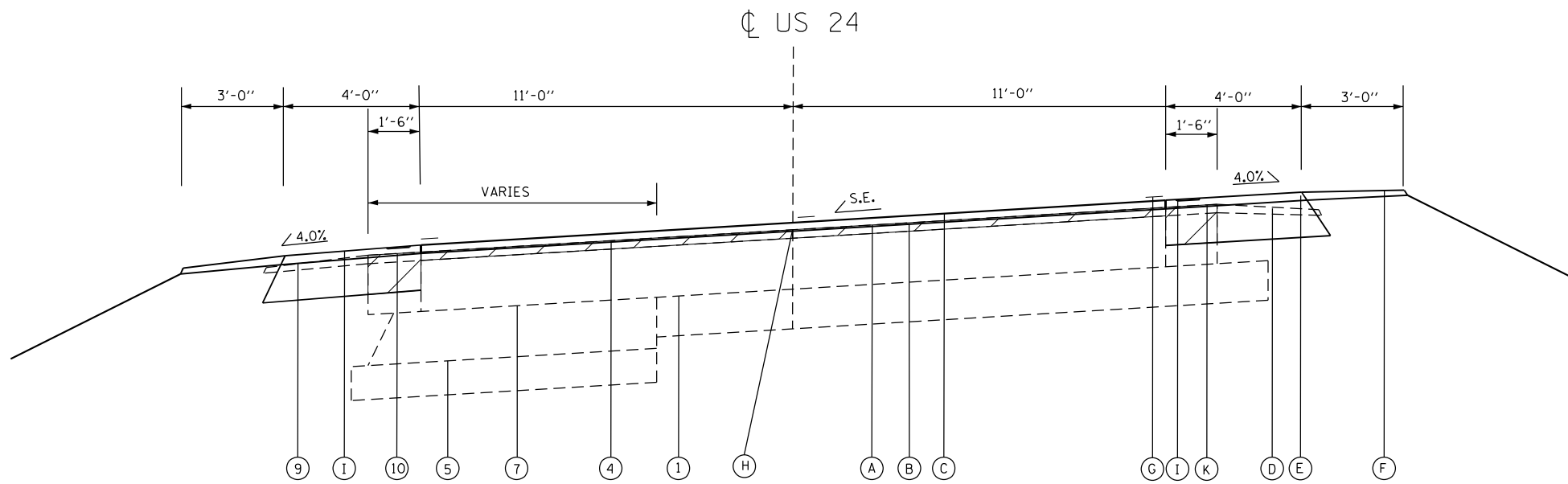
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PLOT DATE = 8/23/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	15
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #1

STA. 373+95.18 - STA. 374+12.71
 STA. EQN: STA. 374+12.71 BK = STA. 385+07.86 AH
 STA. 385+07.86 - STA. 386+00.00

LEGEND

- ① EX PCC PAVT (7")
- ② EX PCC PAVT (9")
- ③ EX BIT PAVT (9.75")
- ④ EX BIT PAVT (10.5")
- ⑤ EX SUBBASE GRANULAR MATERIAL TYPE A (MODIFIED) (6")
- ⑥ EX GRANULAR EMBANKMENT SPECIAL (VAR. THICKNESS)
- ⑦ EX WATERBOUND MACADAM BASE CSE (9")
- ⑧ EX PCC BASE CSE WID (8")
- ⑨ EX AGGREGATE SHOULDERS
- ⑩ EX HMA SHOULDERS
- A PR HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
- B PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- C PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
- D PR HOT-MIX ASPHALT SHOULDERS, 6 1/2" SQ YD
- E PR HOT-MIX ASPHALT SHOULDERS, 1 1/2" TON
- F PR AGGREGATE WEDGE SHOULDERS. TY B, TON
- G PR PAINT PAVT MK-LINE 5"
- H PR LONGITUDINAL JOINT SEALANT
- I PR SHOULDER RUMBLE STRIPS 8"
- J PR BASE COURSE WIDENING 10" SQ YD
- K PR EXCAVATING AND GRADING EXISTING SHOULDER, SPECIAL UNIT

NOTE: REMOVAL

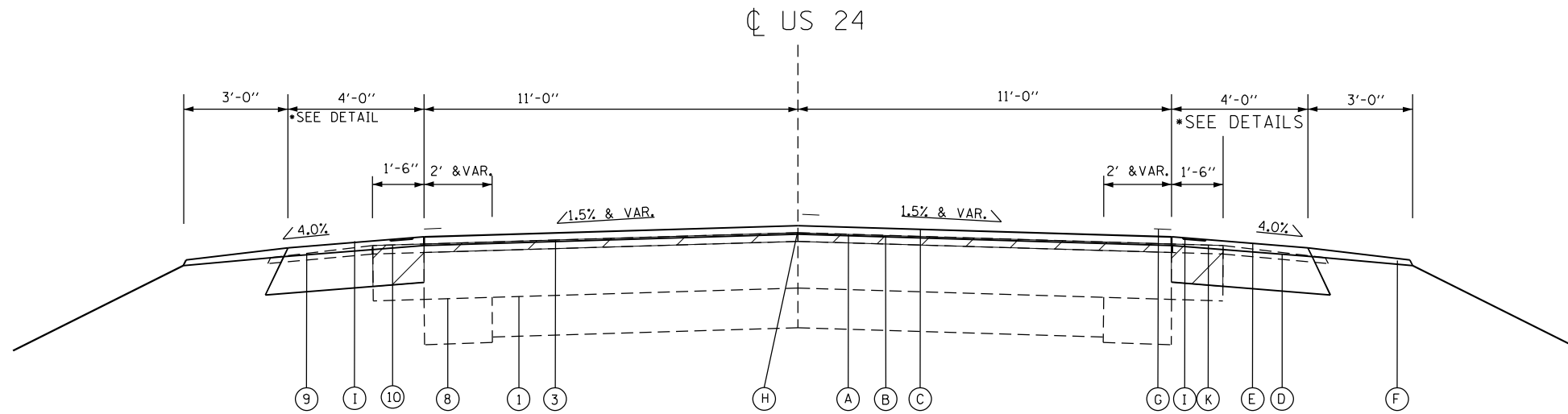
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

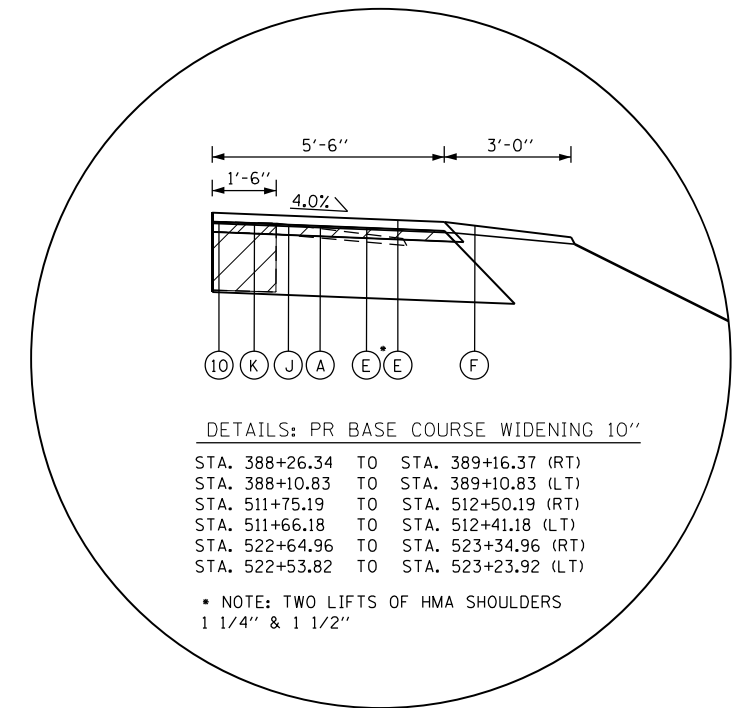
TYPICAL SECTIONS	
SCALE:	SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	16
CONTRACT NO. 72M71			ILLINOIS FED. AID PROJECT	



TYPICAL SECTION #2

STA. 386+00.00 - STA. 419+20.00
 STA. 427+50.00 - STA. 566+73.16
 STA. 582+94.10 - STA. 609+53.70
 STA. EQN: STA. 626+76.75 BK = STA. 626+83.10 AH
 STA. 626+83.10 - STA. 636+06.56



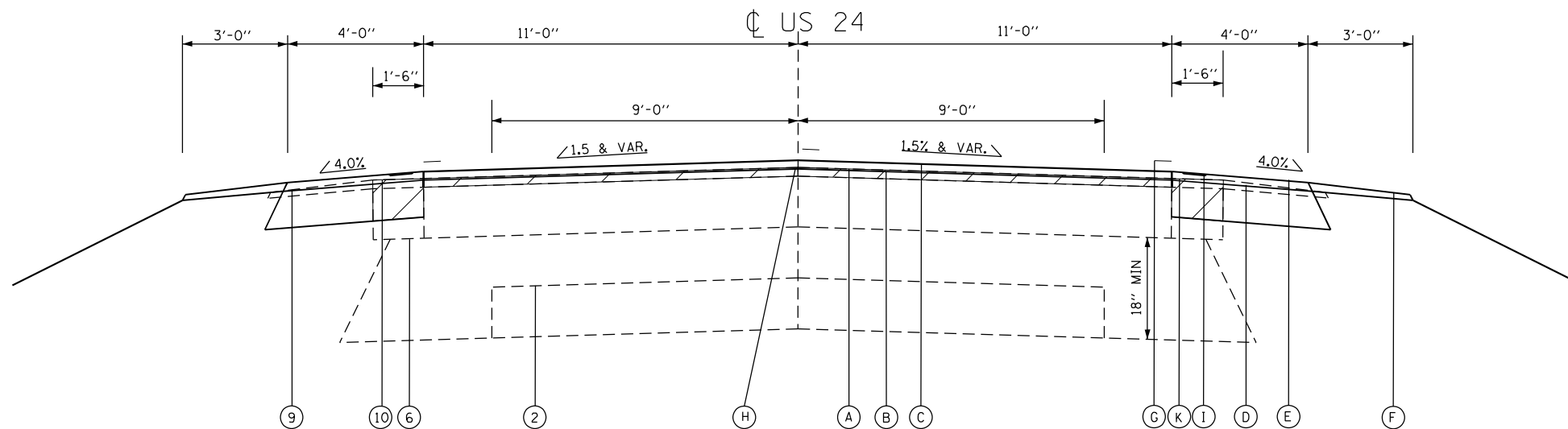
DETAILS: PR BASE COURSE WIDENING 10"

STA. 388+26.34 TO STA. 389+16.37 (RT)
 STA. 388+10.83 TO STA. 389+10.83 (LT)
 STA. 511+75.19 TO STA. 512+50.19 (RT)
 STA. 511+66.18 TO STA. 512+41.18 (LT)
 STA. 522+64.96 TO STA. 523+34.96 (RT)
 STA. 522+53.82 TO STA. 523+23.92 (LT)

NOTE: TWO LIFTS OF HMA SHOULDERS
 1 1/4" & 1 1/2"

LEGEND

- 1 EX PCC PAVT (7")
- 2 EX PCC PAVT (9")
- 3 EX BIT PAVT (9.75")
- 4 EX BIT PAVT (10.5")
- 5 EX SUBBASE GRANULAR MATERIAL TYPE A (MODIFIED) (6")
- 6 EX GRANULAR EMBANKMENT SPECIAL (VAR. THICKNESS)
- 7 EX WATERBOUND MACADAM BASE CSE (9")
- 8 EX PCC BASE CSE WID (8")
- 9 EX AGGREGATE SHOULDERS
- 10 EX HMA SHOULDERS
- A PR HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
- B PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- C PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
- D PR HOT-MIX ASPHALT SHOULDERS, 6 1/2" SQ YD
- E PR HOT-MIX ASPHALT SHOULDERS, 1 1/2" TON
- F PR AGGREGATE WEDGE SHOULDERS, TY B, TON
- G PR PAINT PAVT MK-LINE 5"
- H PR LONGITUDINAL JOINT SEALANT
- I PR SHOULDER RUMBLE STRIPS 8"
- J PR BASE COURSE WIDENING 10" SQ YD
- K PR EXCAVATING AND GRADING EXISTING SHOULDER, SPECIAL UNIT



TYPICAL SECTION #3

STA. 419+20.00 - STA. 420+10.00
 STA. 426+50.00 - STA. 427+50.00

NOTE: REMOVAL

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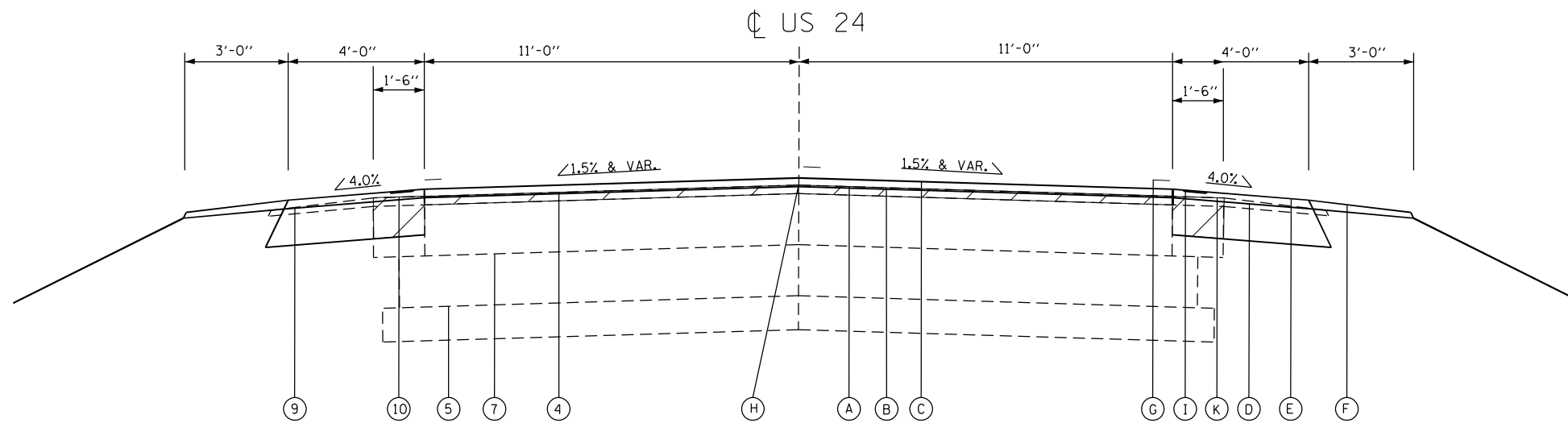
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PLOT DATE = 9/28/2023	DATE -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

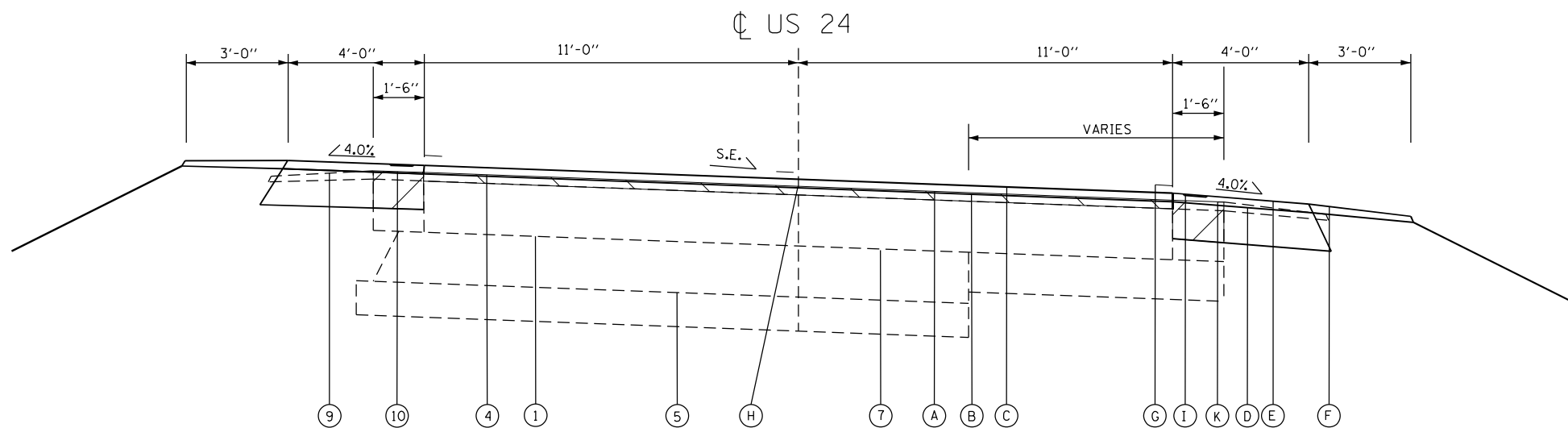
SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	17
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #4

STA. 420+10.00 - STA. 426+50.00



TYPICAL SECTION #5

STA. 566+73.16 - STA. 570+19.30
 STA. 579+51.00 - STA. 582+94.10

LEGEND

- ① EX PCC PAVT (7")
- ② EX PCC PAVT (9")
- ③ EX BIT PAVT (9.75")
- ④ EX BIT PAVT (10.5")
- ⑤ EX SUBBASE GRANULAR MATERIAL TYPE A (MODIFIED) (6")
- ⑥ EX GRANULAR EMBANKMENT SPECIAL (VAR. THICKNESS)
- ⑦ EX WATERBOUND MACADAM BASE CSE (9")
- ⑧ EX PCC BASE CSE WID (8")
- ⑨ EX AGGREGATE SHOULDERS
- ⑩ EX HMA SHOULDERS
- A PR HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
- B PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- C PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
- D PR HOT-MIX ASPHALT SHOULDERS, 6 1/2" SQ YD
- E PR HOT-MIX ASPHALT SHOULDERS, 1 1/2" TON
- F PR AGGREGATE WEDGE SHOULDERS, TY B, TON
- G PR PAINT PAVT MK-LINE 5"
- H PR LONGITUDINAL JOINT SEALANT
- I PR SHOULDER RUMBLE STRIPS 8"
- J PR BASE COURSE WIDENING 10" SQ YD
- K PR EXCAVATING AND GRADING EXISTING SHOULDER, SPECIAL UNIT

NOTE: REMOVAL

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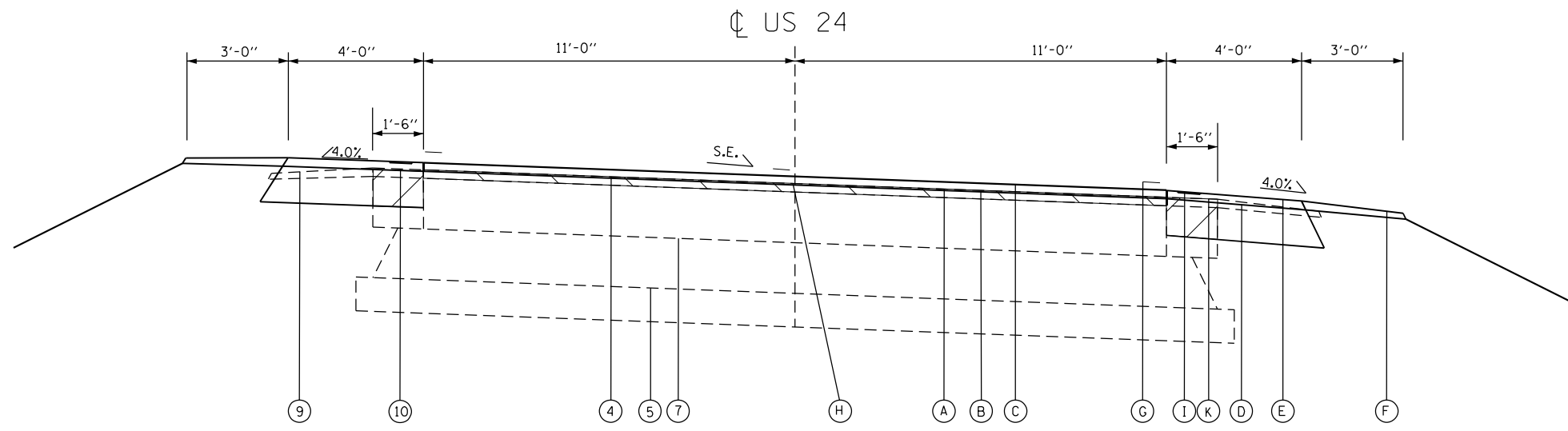
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

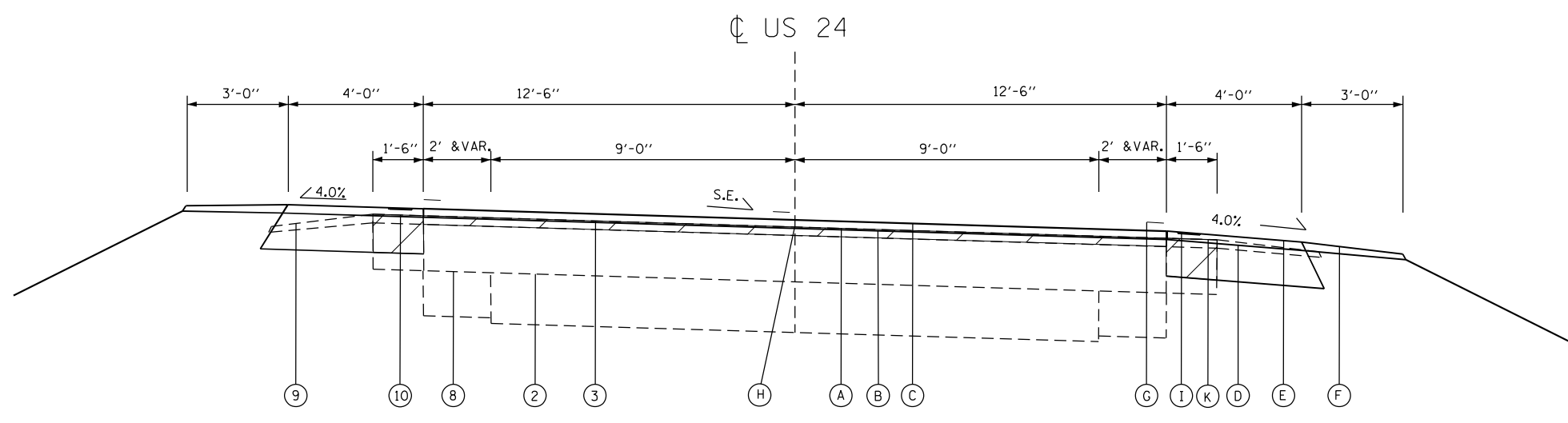
TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	18
CONTRACT NO. 72M71			ILLINOIS FED. AID PROJECT	



TYPICAL SECTION #6
 STA. 570+19.30 - STA. 579+51.00



TYPICAL SECTION #7
 STA. 609+53.70 - STA. 612+75.33

LEGEND

- ① EX PCC PAVT (7")
- ② EX PCC PAVT (9")
- ③ EX BIT PAVT (9.75")
- ④ EX BIT PAVT (10.5")
- ⑤ EX SUBBASE GRANULAR MATERIAL TYPE A (MODIFIED) (6")
- ⑥ EX GRANULAR EMBANKMENT SPECIAL (VAR. THICKNESS)
- ⑦ EX WATERBOUND MACADAM BASE CSE (9")
- ⑧ EX PCC BASE CSE WID (8")
- ⑨ EX AGGREGATE SHOULDERS
- ⑩ EX HMA SHOULDERS
- A PR HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
- B PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- C PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
- D PR HOT-MIX ASPHALT SHOULDERS, 6 1/2" SQ YD
- E PR HOT-MIX ASPHALT SHOULDERS, 1 1/2" TON
- F PR AGGREGATE WEDGE SHOULDERS, TY B, TON
- G PR PAINT PAVT MK-LINE 5"
- H PR LONGITUDINAL JOINT SEALANT
- I PR SHOULDER RUMBLE STRIPS 8"
- J PR BASE COURSE WIDENING 10" SQ YD
- K PR EXCAVATING AND GRADING EXISTING SHOULDER, SPECIAL UNIT

NOTE: REMOVAL

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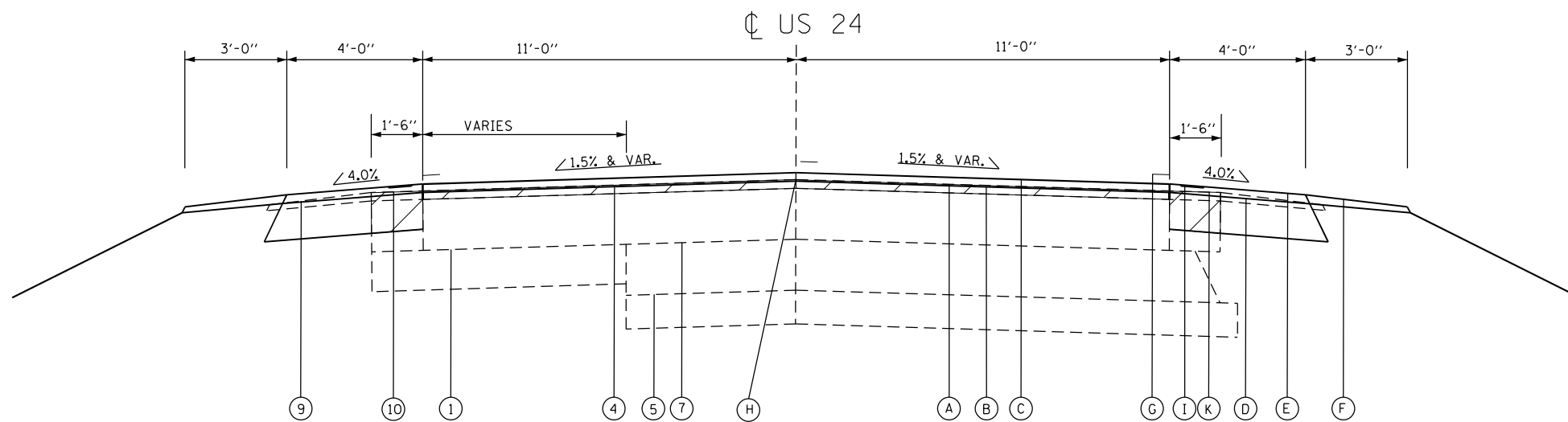
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	DRAWN -	REVISED -
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PLOT DATE = 8/23/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

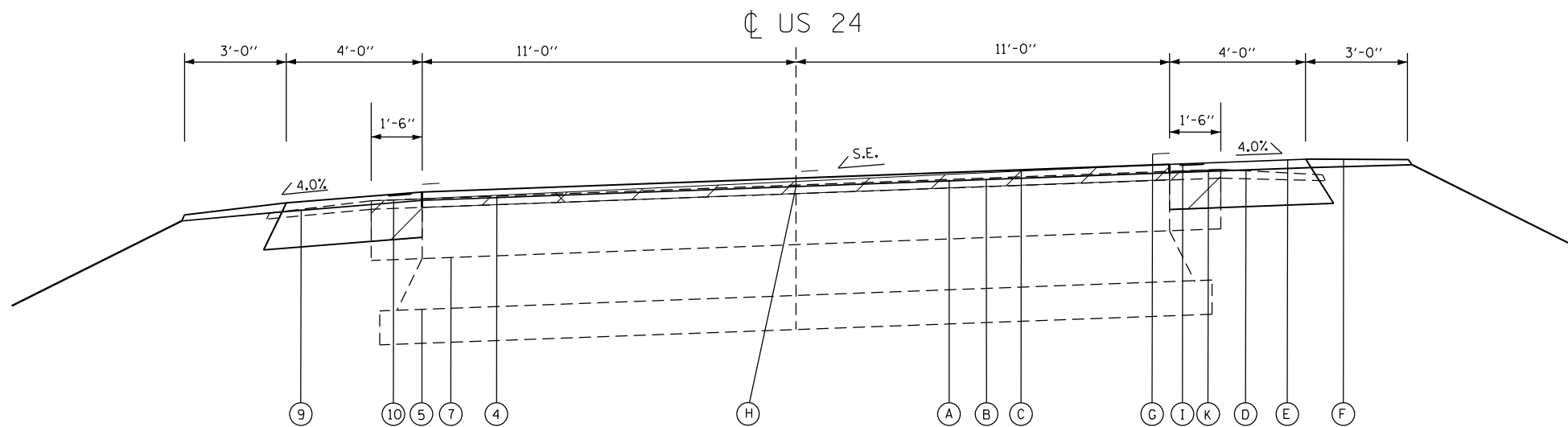
SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	19
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #8

STA. 612+75.33 - STA. 618+31.25



TYPICAL SECTION #9

STA. 618+31.25 - STA. 620+56.00

LEGEND

- ① EX PCC PAVT (7")
- ② EX PCC PAVT (9")
- ③ EX BIT PAVT (9.75")
- ④ EX BIT PAVT (10.5")
- ⑤ EX SUBBASE GRANULAR MATERIAL TYPE A (MODIFIED) (6")
- ⑥ EX GRANULAR EMBANKMENT SPECIAL (VAR. THICKNESS)
- ⑦ EX WATERBOUND MACADAM BASE CSE (9")
- ⑧ EX PCC BASE CSE WID (8")
- ⑨ EX AGGREGATE SHOULDERS
- ⑩ EX HMA SHOULDERS
- A PR HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
- B PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- C PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
- D PR HOT-MIX ASPHALT SHOULDERS, 6 1/2" SQ YD
- E PR HOT-MIX ASPHALT SHOULDERS, 1 1/2" TON
- F PR AGGREGATE WEDGE SHOULDERS, TY B, TON
- G PR PAINT PAVT MK-LINE 5"
- H PR LONGITUDINAL JOINT SEALANT
- I PR SHOULDER RUMBLE STRIPS 8"
- J PR BASE COURSE WIDENING 10" SQ YD
- K PR EXCAVATING AND GRADING EXISTING SHOULDER, SPECIAL UNIT

NOTE: REMOVAL

MODEL: Default
 FILE: \\mari...
 PROJECT: \\dot...

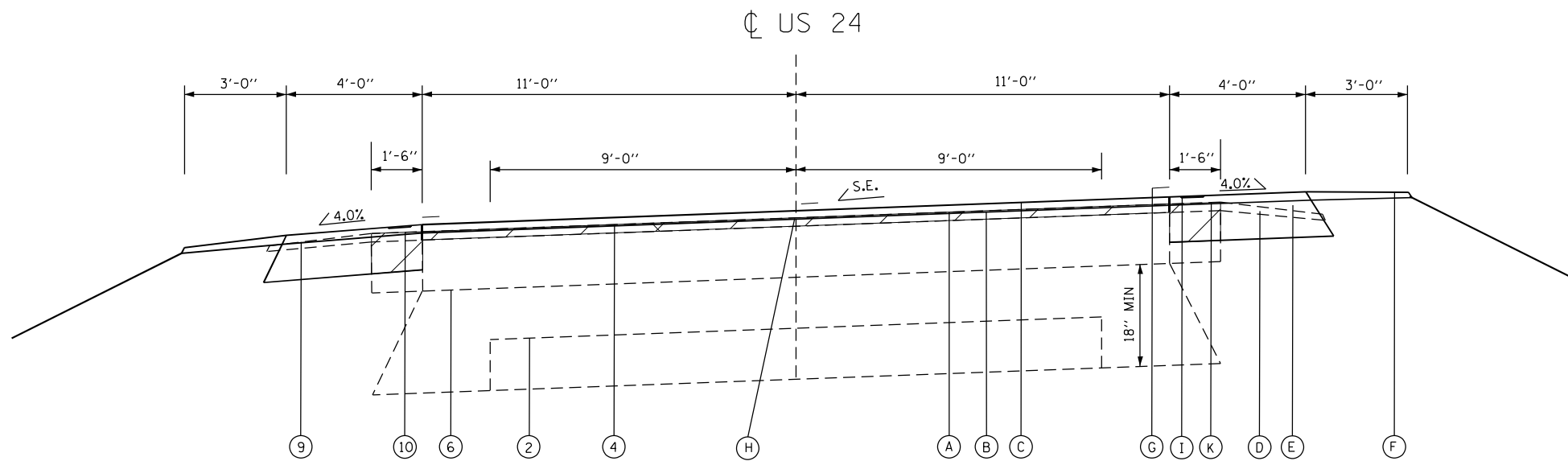
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	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	20
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #10

STA. 620+56.00 - STA. 626+76.75

LEGEND

- ① EX PCC PAVT (7")
- ② EX PCC PAVT (9")
- ③ EX BIT PAVT (9.75")
- ④ EX BIT PAVT (10.5")
- ⑤ EX SUBBASE GRANULAR MATERIAL TYPE A (MODIFIED) (6")
- ⑥ EX GRANULAR EMBANKMENT SPECIAL (VAR. THICKNESS)
- ⑦ EX WATERBOUND MACADAM BASE CSE (9")
- ⑧ EX PCC BASE CSE WID (8")
- ⑨ EX AGGREGATE SHOULDERS
- ⑩ EX HMA SHOULDERS
- A PR HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
- B PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
- C PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
- D PR HOT-MIX ASPHALT SHOULDERS, 6 1/2" SQ YD
- E PR HOT-MIX ASPHALT SHOULDERS, 1 1/2" TON
- F PR AGGREGATE WEDGE SHOULDERS. TY B, TON
- G PR PAINT PAVT MK-LINE 5"
- H PR LONGITUDINAL JOINT SEALANT
- I PR SHOULDER RUMBLE STRIPS 8"
- J PR BASE COURSE WIDENING 10" SQ YD
- K PR EXCAVATING AND GRADING EXISTING SHOULDER, SPECIAL UNIT

NOTE: REMOVAL

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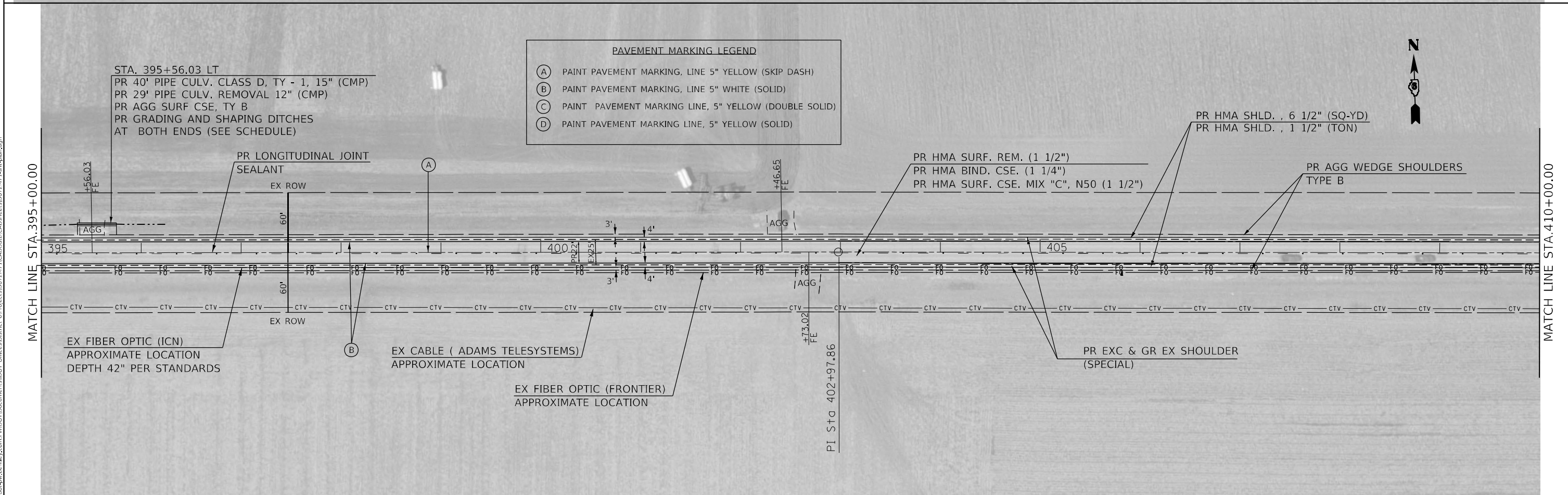
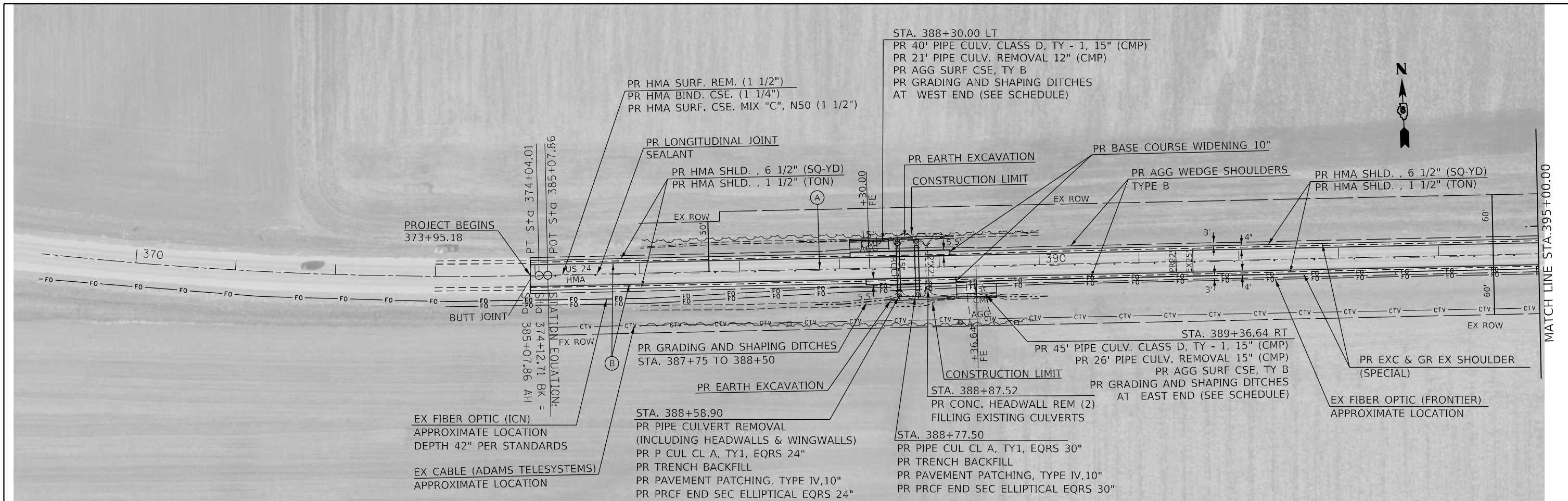
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PLOT DATE = 8/23/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	21
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



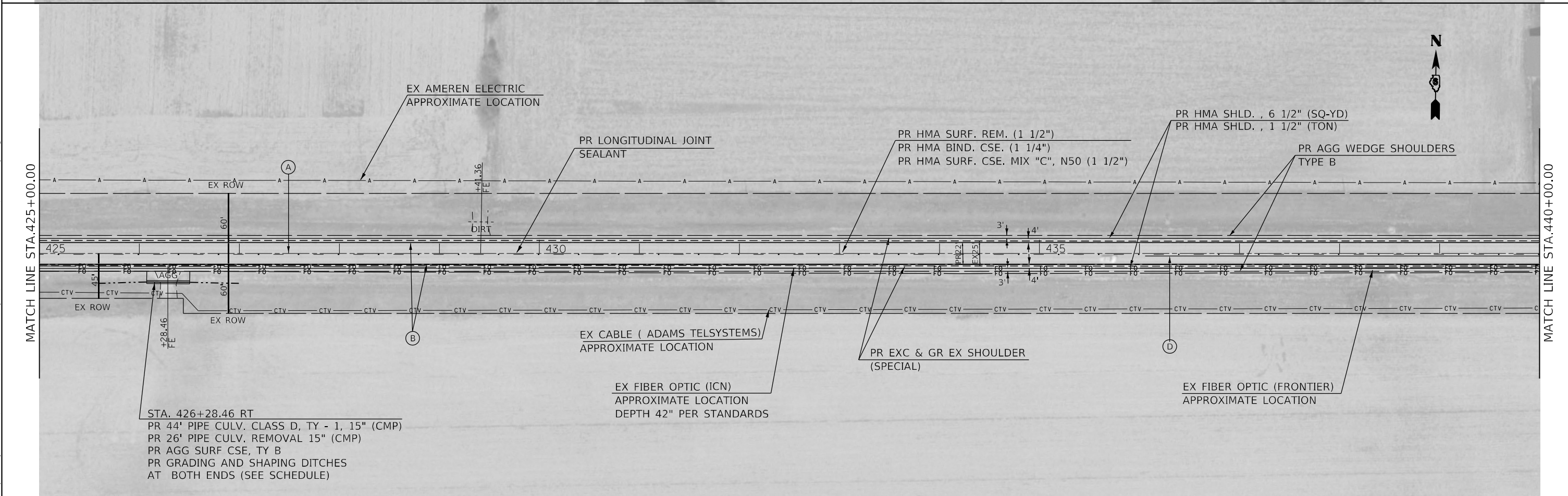
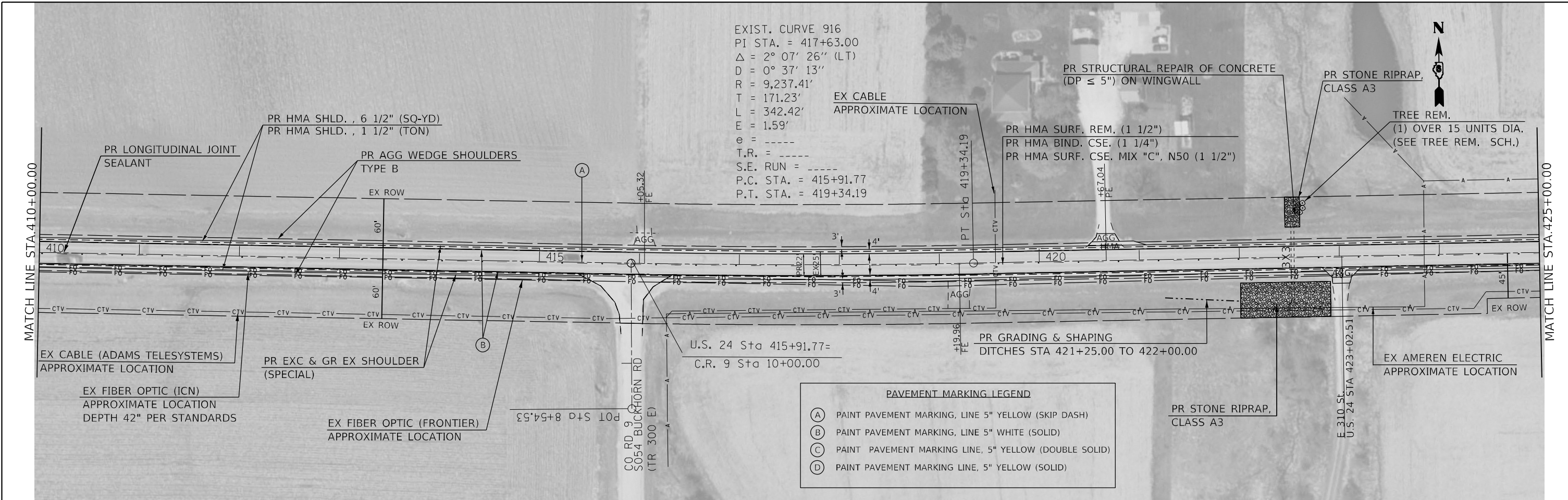
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

USER NAME = william.rodriguez-me	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/28/2023	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	22
CONTRACT NO. 72M71				
SCALE:	SHEET 1 OF 9 SHEETS	STA. 373+95.18 TO STA. 410+00.00	ILLINOIS FED. AID PROJECT	

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EXIST. CURVE 916
 PI STA. = 417+63.00
 $\Delta = 2^\circ 07' 26''$ (LT)
 $D = 0^\circ 37' 13''$
 $R = 9,237.41'$
 $T = 171.23'$
 $L = 342.42'$
 $E = 1.59'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 415+91.77$
 $P.T. \text{ STA.} = 419+34.19$

PAVEMENT MARKING LEGEND

(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	PAINT PAVEMENT MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	PAINT PAVEMENT MARKING LINE, 5" YELLOW (SOLID)

STA. 426+28.46 RT
 PR 44" PIPE CULV. CLASS D, TY - 1, 15" (CMP)
 PR 26" PIPE CULV. REMOVAL 15" (CMP)
 PR AGG SURF CSE, TY B
 PR GRADING AND SHAPING DITCHES AT BOTH ENDS (SEE SCHEDULE)

MODEL: D:\p\...
 FILE: ...
 PROJECT: ...
 DATE: 8/23/2023

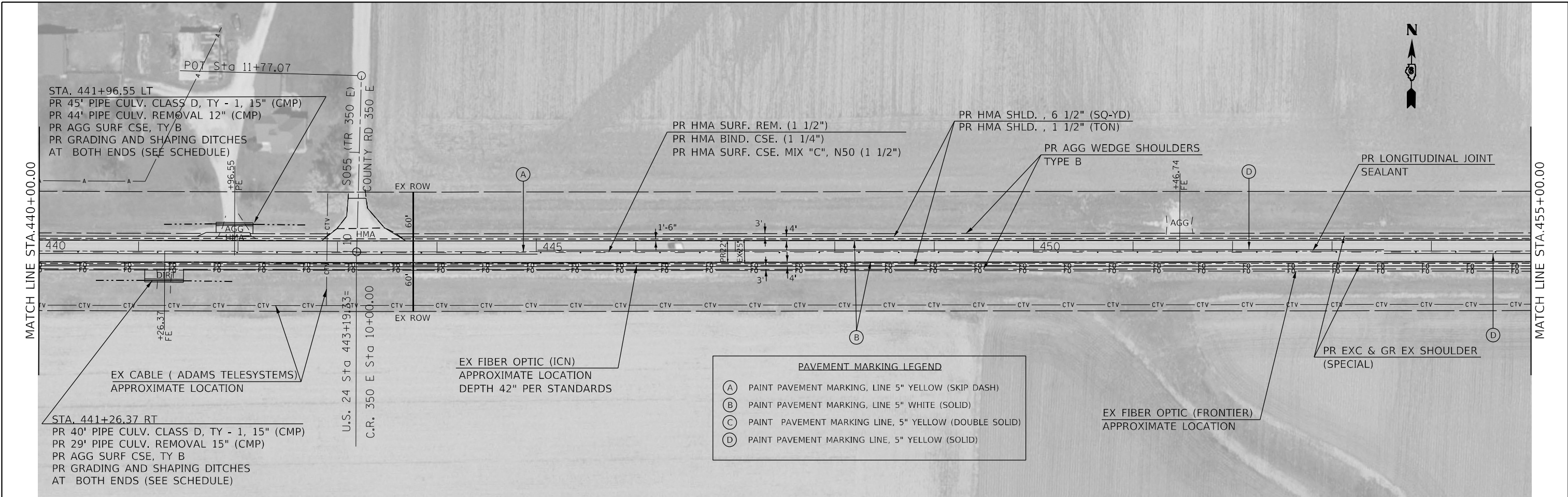
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

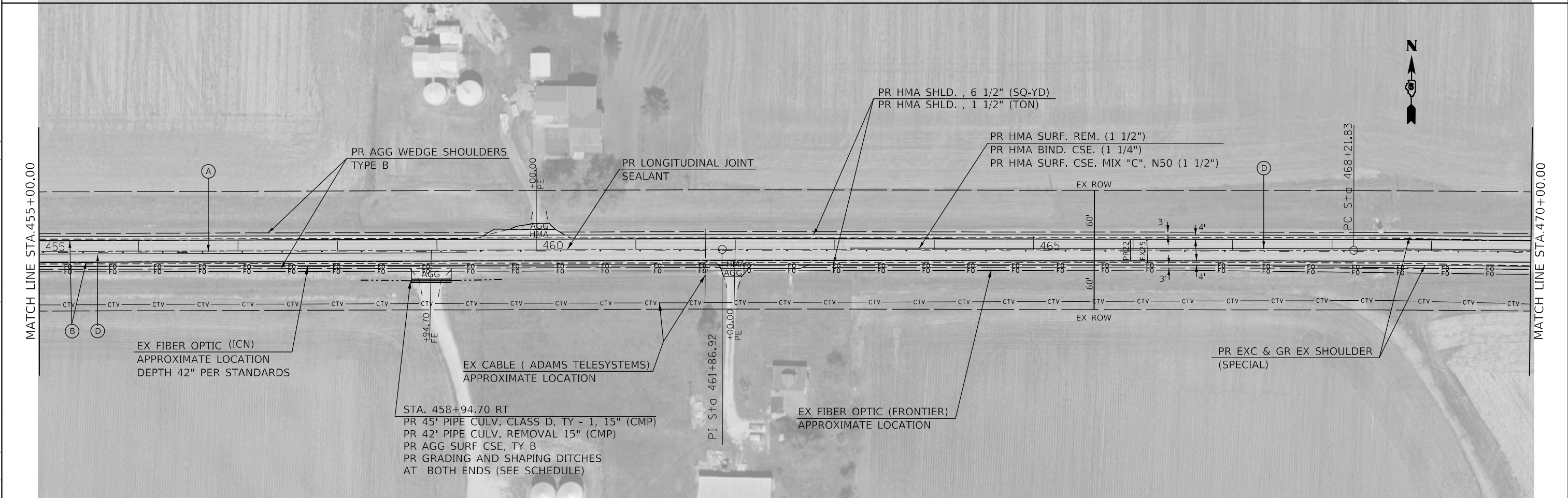
SCALE:	SHEET 2 OF 9 SHEETS	STA. 410+00.00 TO STA. 440+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	23
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	PAINT PAVEMENT MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	PAINT PAVEMENT MARKING LINE, 5" YELLOW (SOLID)



MODEL: Default
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USER NAME = Sylvette,Cancel	DESIGNED -	REVISED -
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PLOT DATE = 8/23/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE:	SHEET 3 OF 9 SHEETS	STA. 440+00.00 TO STA. 470+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	24
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 922
 PI STA. = 470+26.83
 $\Delta = 1^\circ 20' 19''$ (RT)
 $D = 0^\circ 19' 35''$
 $R = 17,548.05'$
 $T = 205.00'$
 $L = 409.98'$
 $E = 1.20'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 468+21.83$
 $P.T. \text{ STA.} = 472+31.81$

STA. 481+63.19 LT
 PR 60' PIPE CULV. CLASS D, TY - 1, 15" (CMP)
 PR 60' PIPE CULV. REMOVAL 15" (CMP)
 PR AGG SURF CSE, TY B
 PR GRADING AND SHAPING DITCHES
 AT EAST END (SEE SCHEDULE)

STA. 480+51.21 LT
 PR 40' PIPE CULV. CLASS D, TY - 1, 15" (CMP)
 PR 39' PIPE CULV. REMOVAL 15" (CMP)
 PR AGG SURF CSE, TY B
 PR GRADING AND SHAPING DITCHES
 AT BOTH ENDS (SEE SCHEDULE)

STA. 482+56.69 RT
 PR 45' PIPE CULV. CLASS D, TY - 1, 15" (CMP)
 PR 30' PIPE CULV. REMOVAL 15" (CMP)
 PR AGG SURF CSE, TY B
 PR GRADING AND SHAPING DITCHES
 AT BOTH ENDS (SEE SCHEDULE)

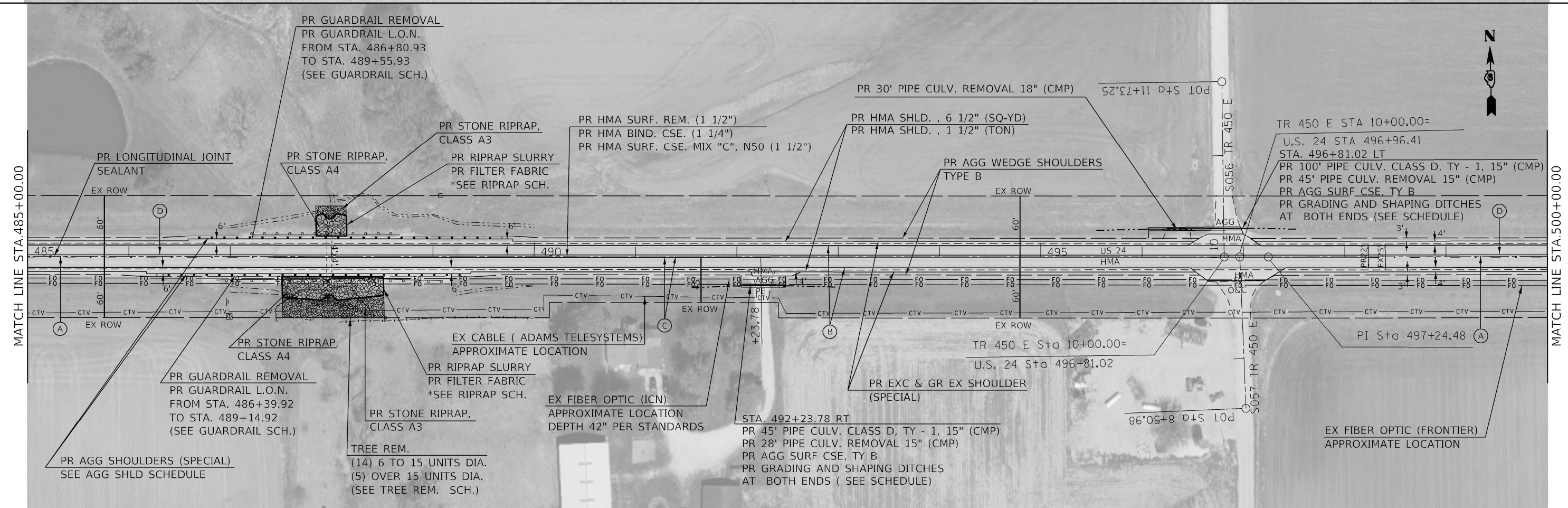
STA. 483+68.18 RT
 PR 45' PIPE CULV. CL D, TY - 1, 15" (CMP)
 PR 25' PIPE CULV. REMOVAL 15" (CMP)
 PR AGG SURF CSE, TY B
 PR GRADING AND SHAPING DITCHES
 AT EAST SIDE (SEE SCHEDULE)

PAVEMENT MARKING LEGEND

(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	PAINT PAVEMENT MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	PAINT PAVEMENT MARKING LINE, 5" YELLOW (SOLID)

MATCH LINE STA. 470+00.00

MATCH LINE STA. 485+00.00



USER NAME = Sylvette.Cancel	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE:	SHEET 4 OF 9 SHEETS	STA. 470+00.00 TO STA. 500+00.00
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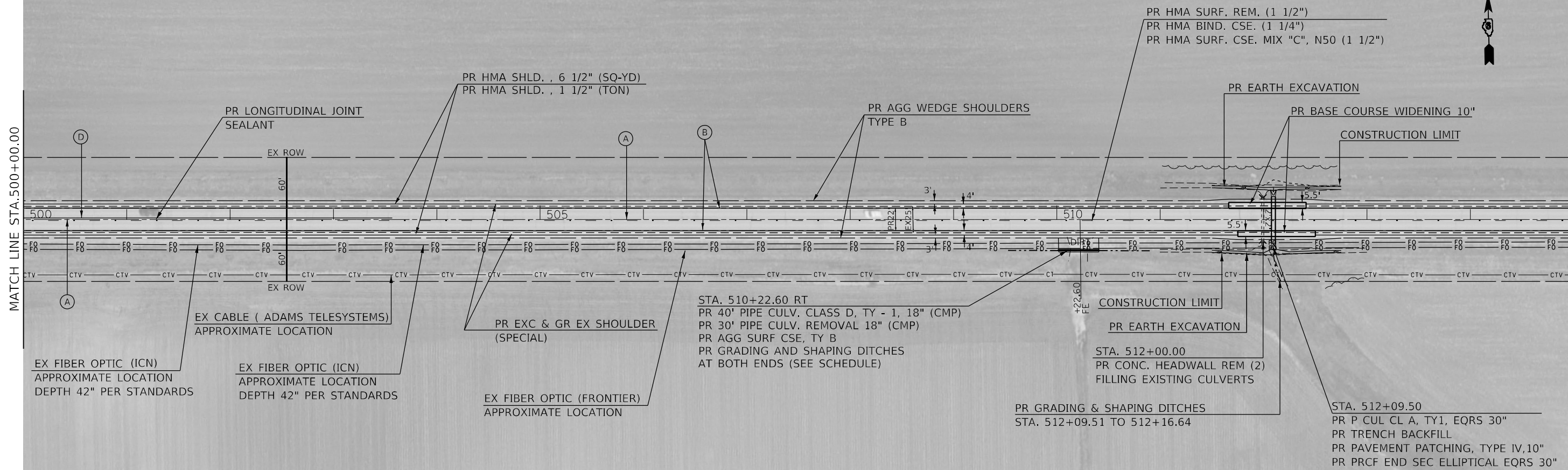
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CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				

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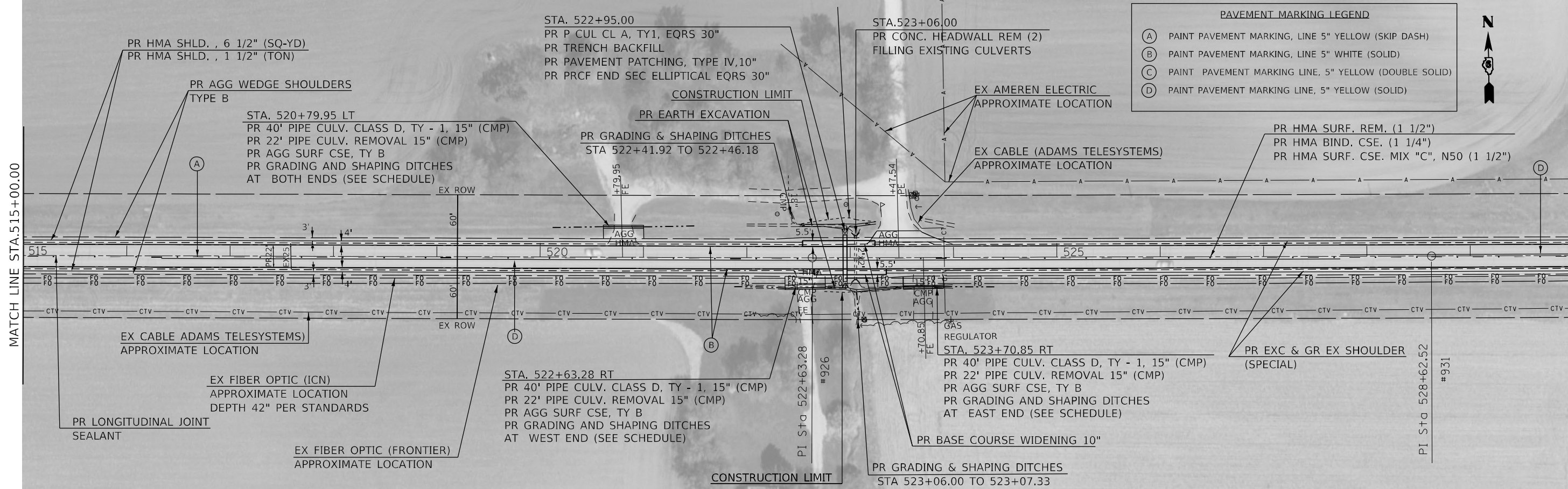
MATCH LINE STA. 500+00.00

MATCH LINE STA. 515+00.00



MATCH LINE STA. 515+00.00

MATCH LINE STA. 530+00.00



PAVEMENT MARKING LEGEND

(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	PAINT PAVEMENT MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	PAINT PAVEMENT MARKING LINE, 5" YELLOW (SOLID)



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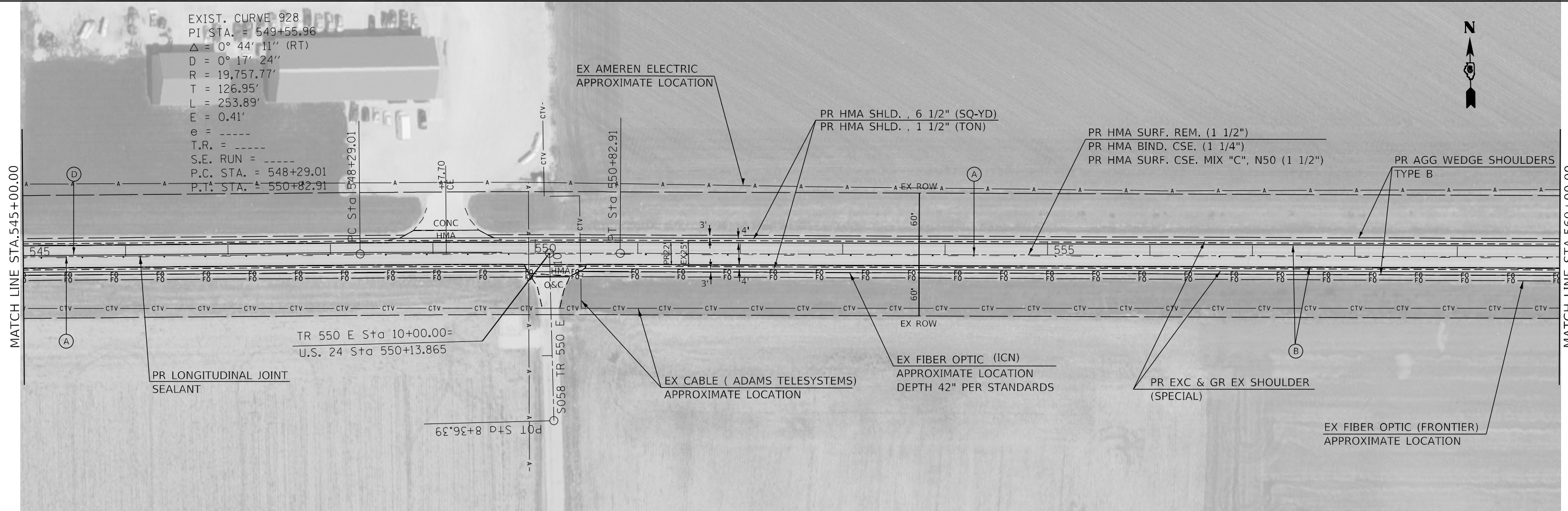
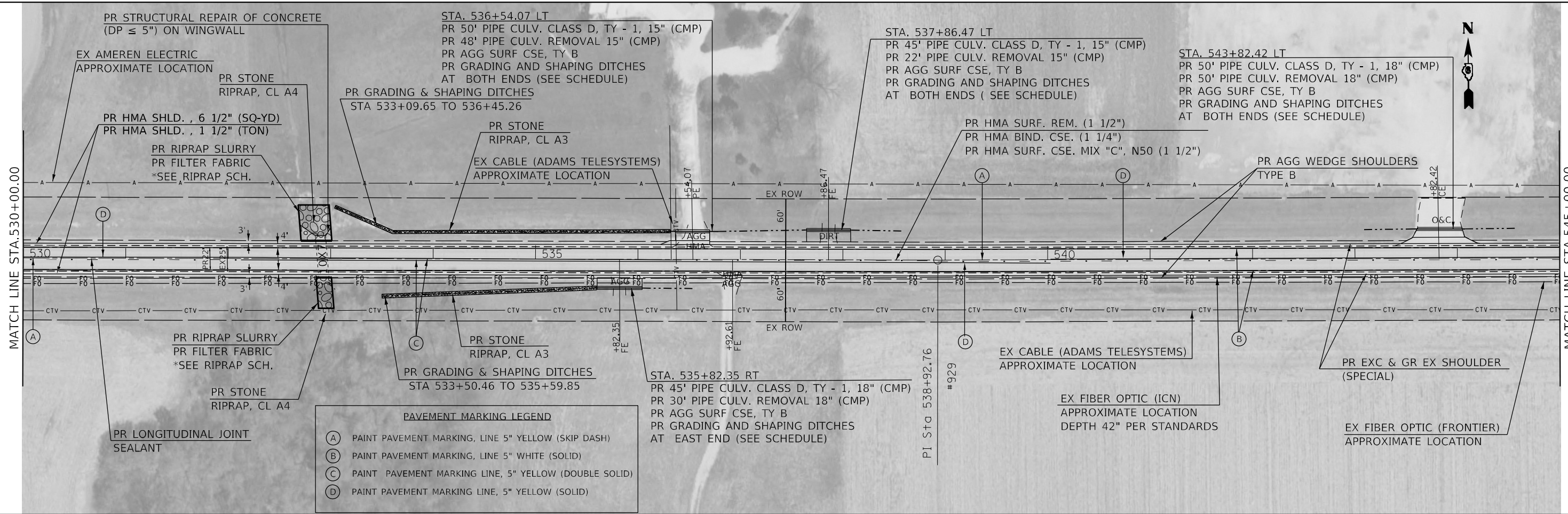
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PLOT DATE = 9/28/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE:	SHEET 5 OF 9 SHEETS	STA. 500+00.00 TO STA. 530+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	26
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				

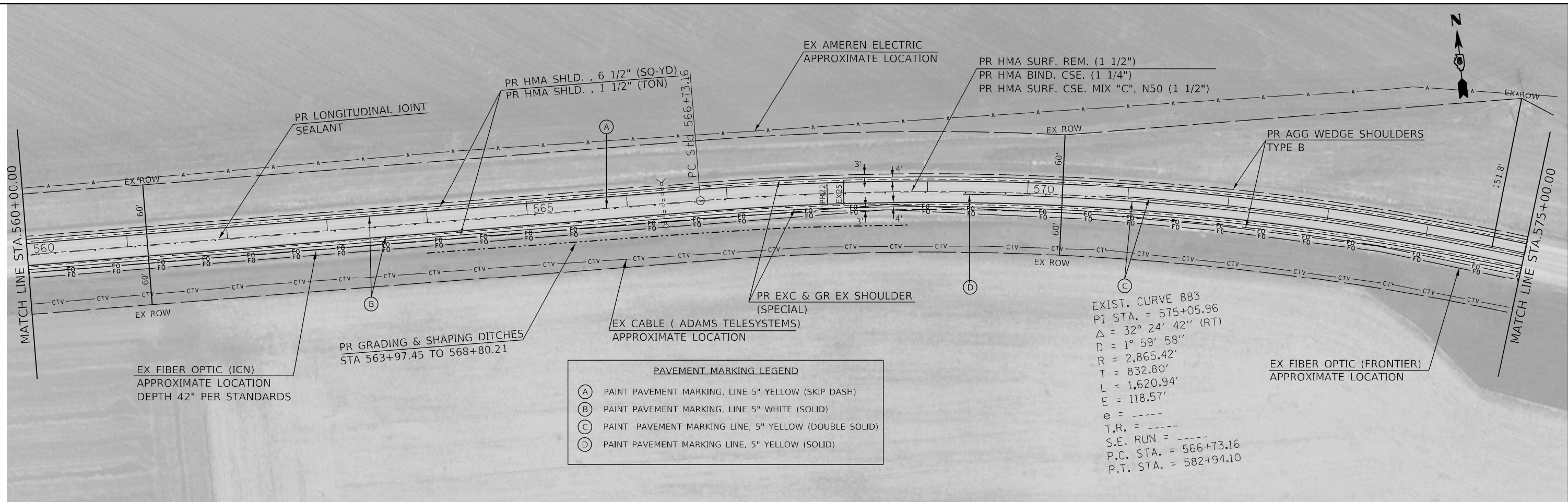


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PLOT DATE = 8/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET 6 OF 9 SHEETS	STA. 530+00.00 TO STA. 560+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	27
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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USER NAME = Sylvette.Cancel	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
CHECKED -	REVISED -	REVISED -
DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

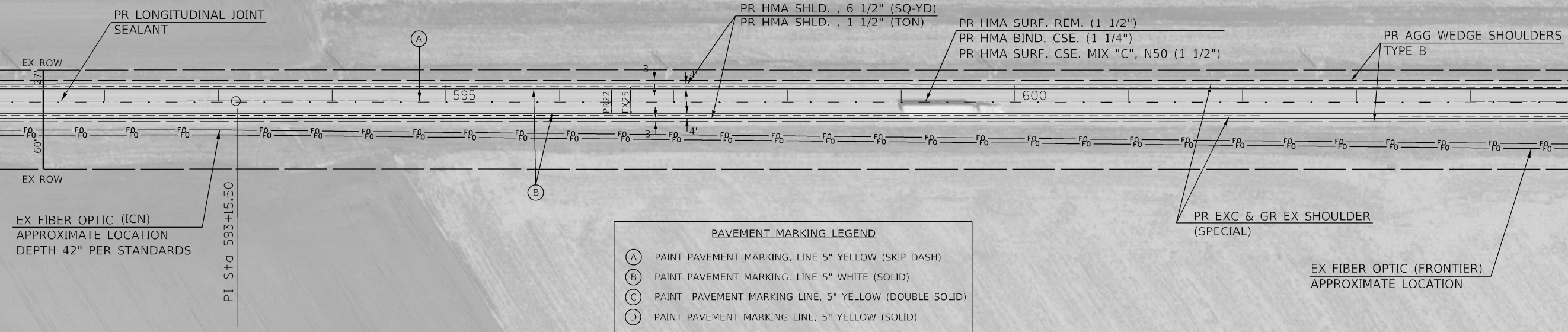
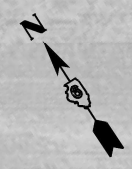
PLAN SHEET

SCALE: SHEET 7 OF 9 SHEETS STA. 560+00.00 TO STA. 590+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	28
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 590+00.00

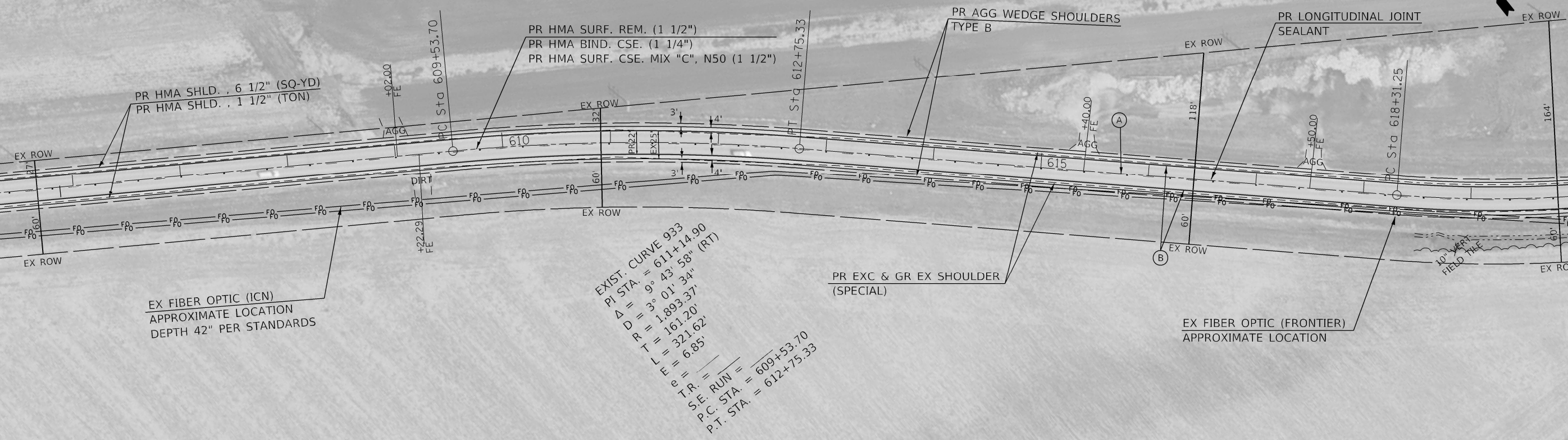
MATCH LINE STA. 605+00.00



PAVEMENT MARKING LEGEND	
(A)	PAINT PAVEMENT MARKING, LINE 5" YELLOW (SKIP DASH)
(B)	PAINT PAVEMENT MARKING, LINE 5" WHITE (SOLID)
(C)	PAINT PAVEMENT MARKING LINE, 5" YELLOW (DOUBLE SOLID)
(D)	PAINT PAVEMENT MARKING LINE, 5" YELLOW (SOLID)

MATCH LINE STA. 605+00.00

MATCH LINE STA. 620+00.00



EXIST. CURVE 933
 PI STA. = 611+14.90
 $\Delta = 9^\circ 43' 58''$ (RT)
 $D = 3^\circ 01' 34''$
 $R = 1,893.37'$
 $T = 161.20'$
 $L = 321.62'$
 $e = 6.85'$
 $T.R. =$
 $S.E. RUN = 609+53.70$
 $P.C. STA. = 612+75.33$
 $P.T. STA. = 612+75.33$

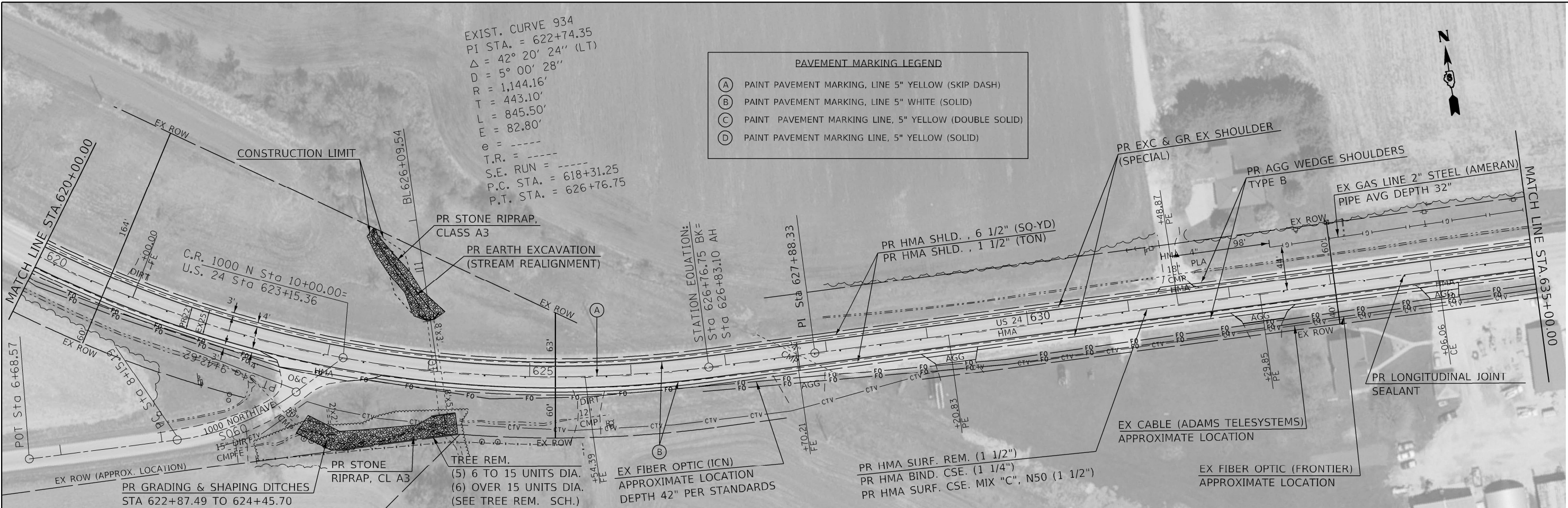
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USER NAME = Sylvette.Cancel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET
 SCALE: SHEET 8 OF 9 SHEETS STA. 590+00.00 TO STA. 620+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	29
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



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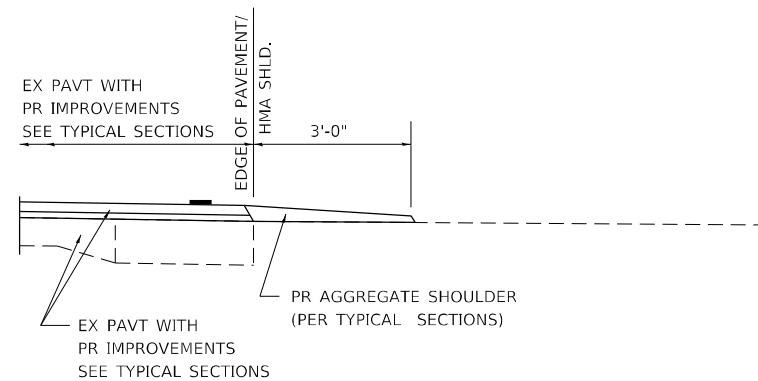
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DRAWN -	CHECKED -	REVISED -
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PLOT DATE = 8/25/2023		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

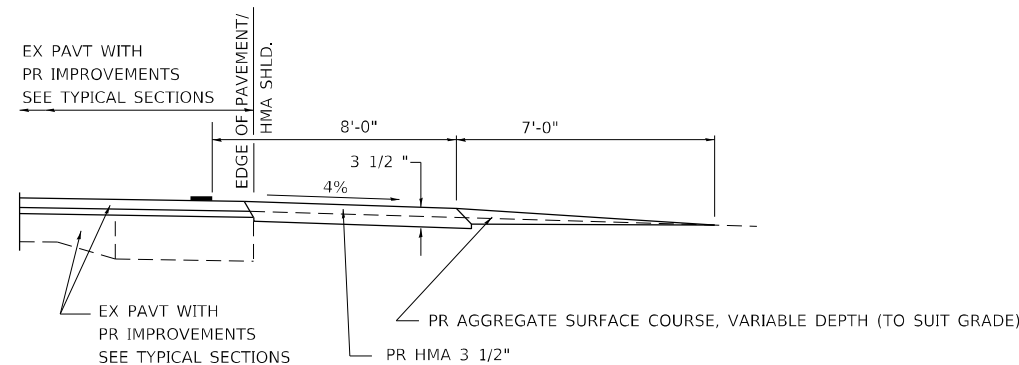
PLAN SHEET

SCALE: SHEET 9 OF 9 SHEETS STA. 620+00.00 TO STA. 636+06.56

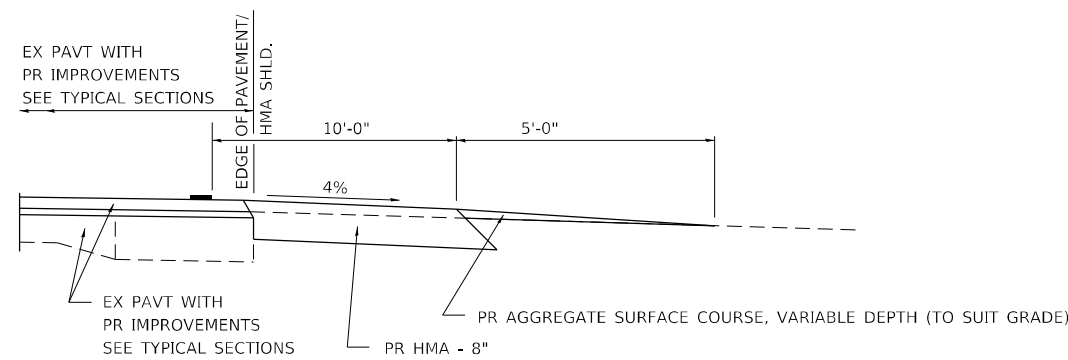
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	30
				CONTRACT NO. 72M71
ILLINOIS FED. AID PROJECT				



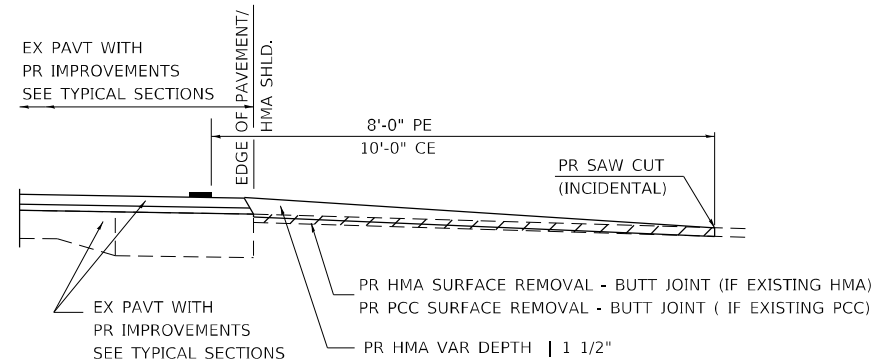
SECTION A-A FOR EX EARTH/ AGGREGATE FE



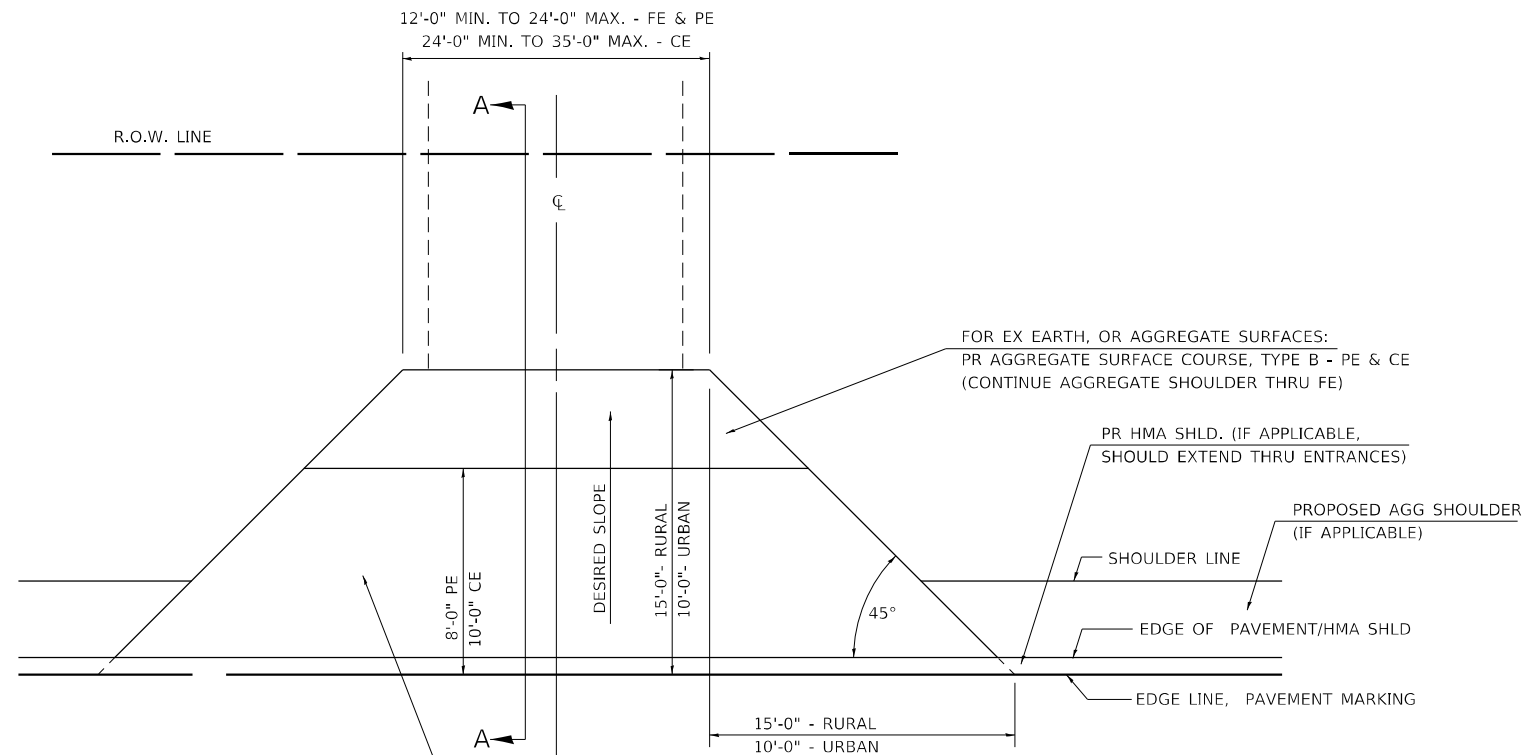
SECTION A-A FOR EX EARTH/AGGREGATE PE



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" - PE
 PR HMA CONCRETE 8" - 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.

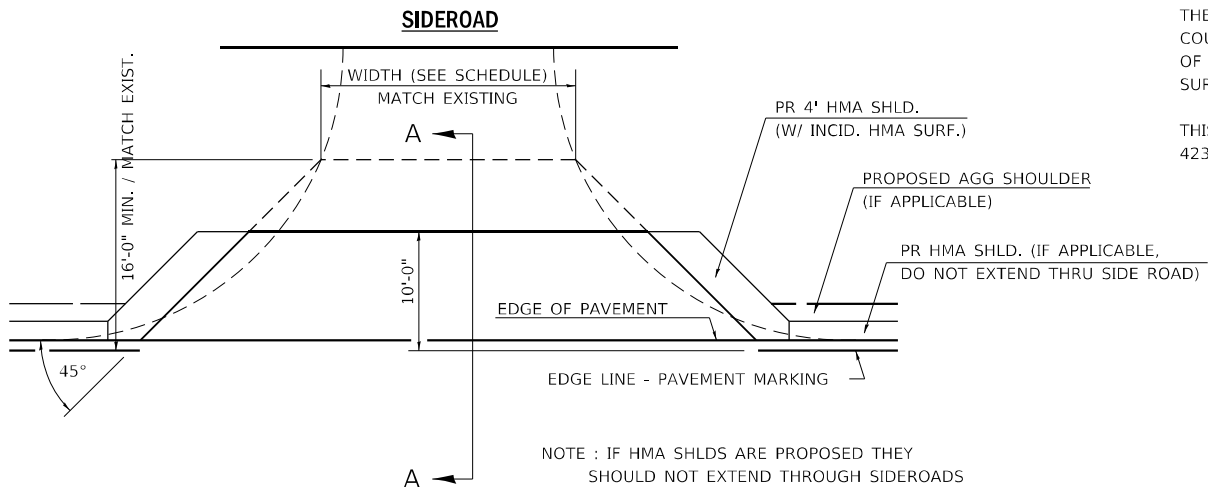
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

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 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 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 UNLESS OTHERWISE SHOWN.



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

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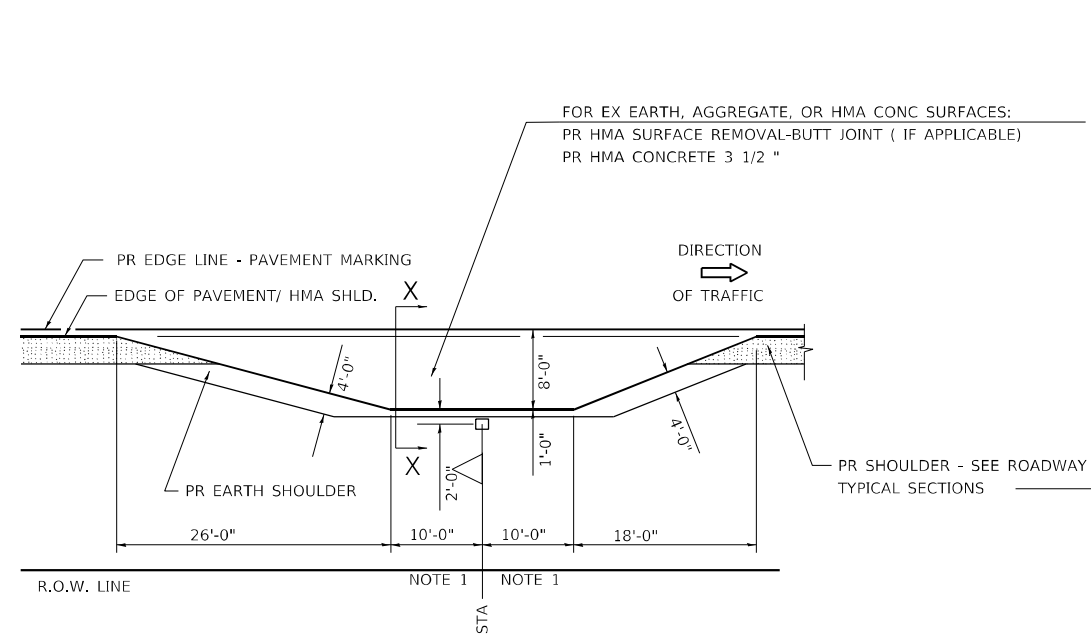
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

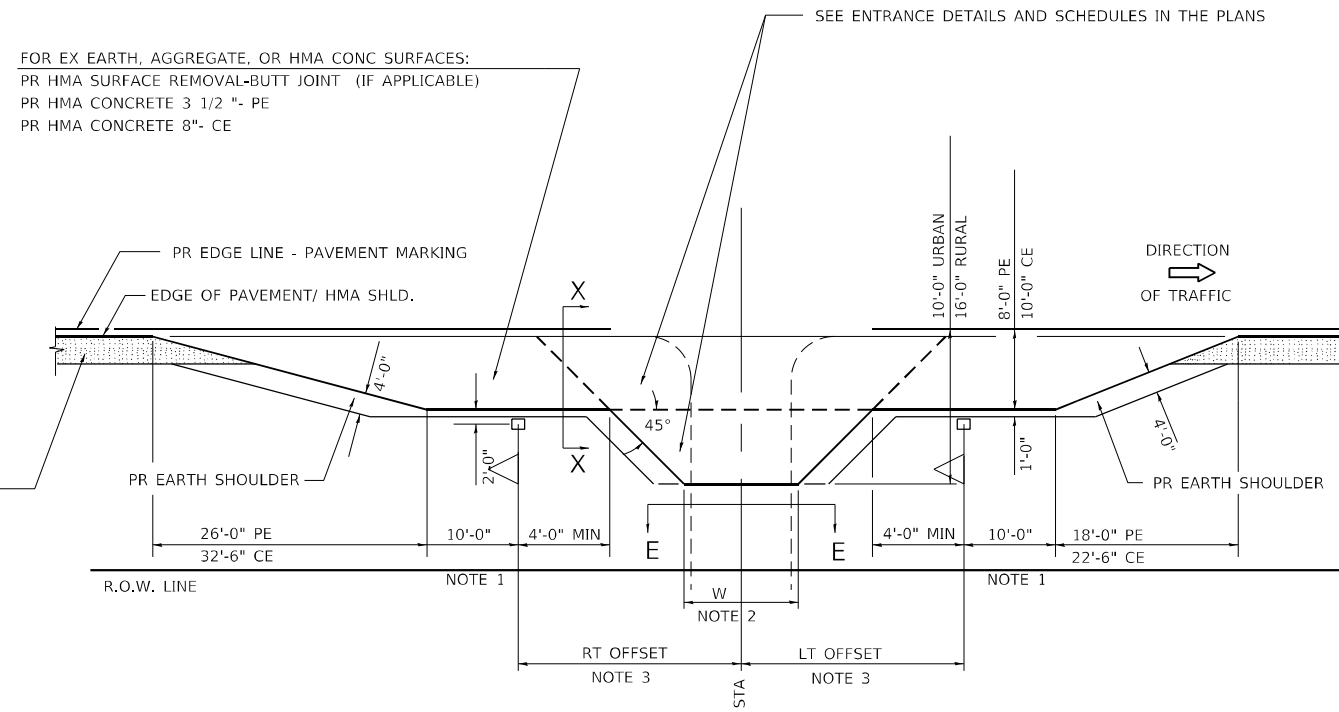
DIST.6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	32
CONTRACT NO. 72M71				
ILLINOIS		FED. AID PROJECT		

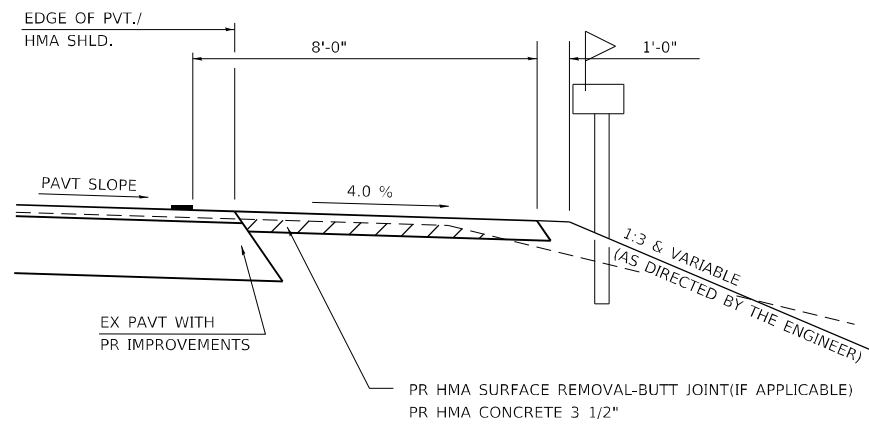
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

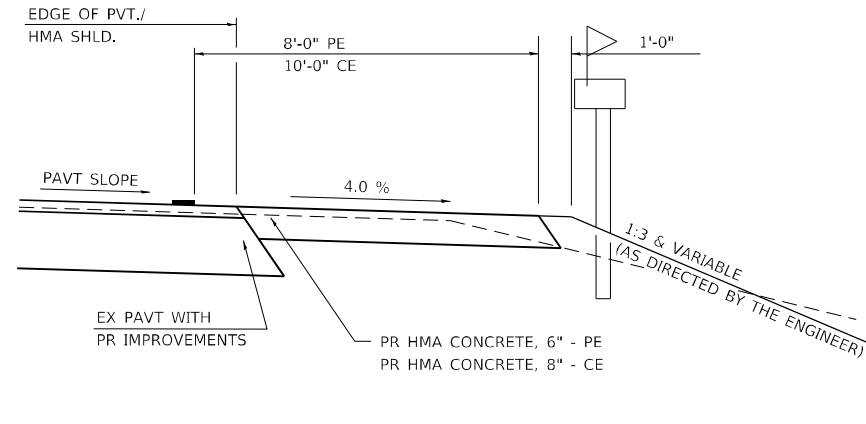


PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



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.)

- 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.

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SHOWN.

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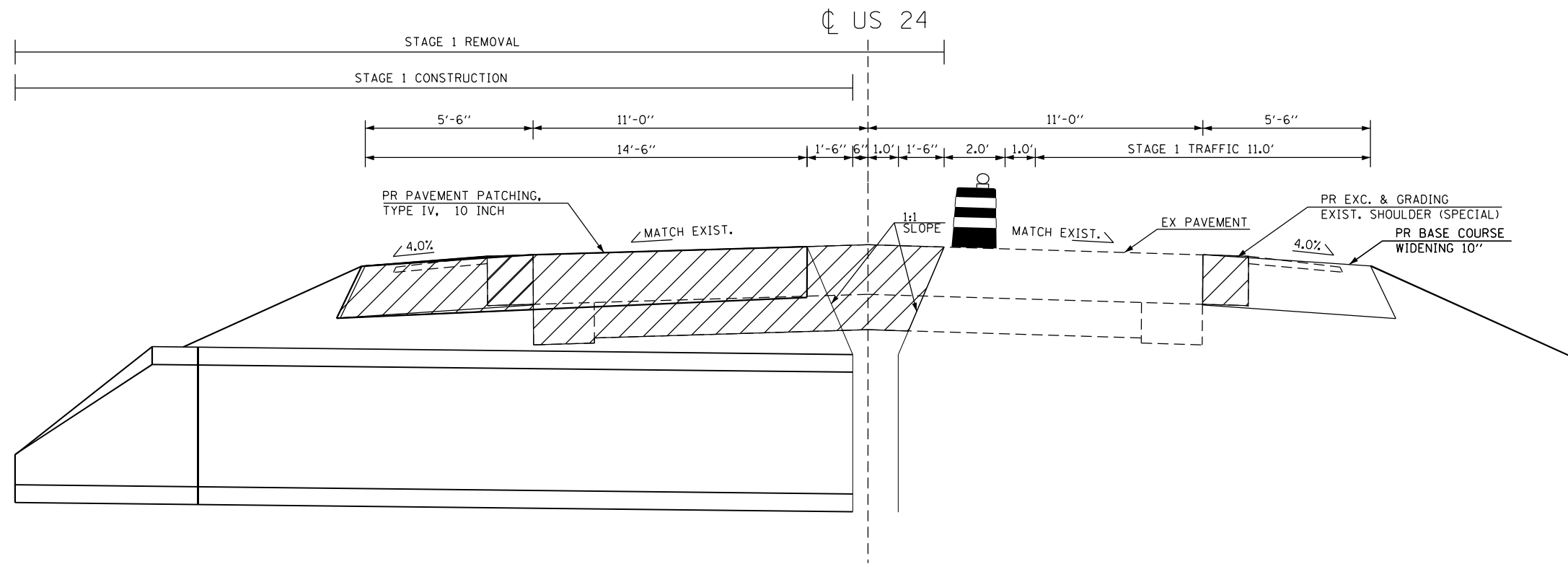
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	33
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION: STAGE 1

NOTES:

REMOVAL

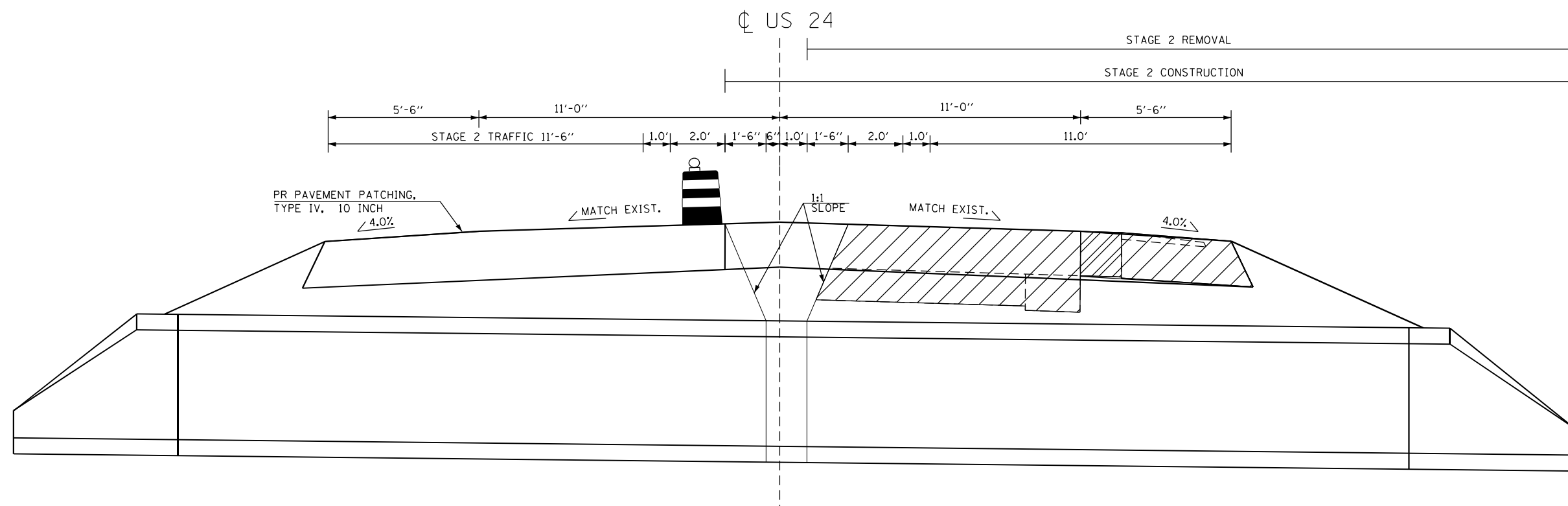
THE PR PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24" & 30" WILL BE LOCATED AT:

1. STA. 388+58.90 (EORS 24")
2. STA. 388+77.50 (EORS 30")
3. STA. 512+09.50 (EORS 30")
4. STA. 523+95.00 (EORS 30")

FOR MORE DETAILS SEE:

1. ELLIPTICAL PIPE CULVERT SCHEDULE
2. HMA SHOULDERS SCHEDULE
3. CROSS SECTION

THE TRAFFIC CONTROL PLAN MUST MATCH STANDARD 701201.



TYPICAL SECTION: STAGE 2

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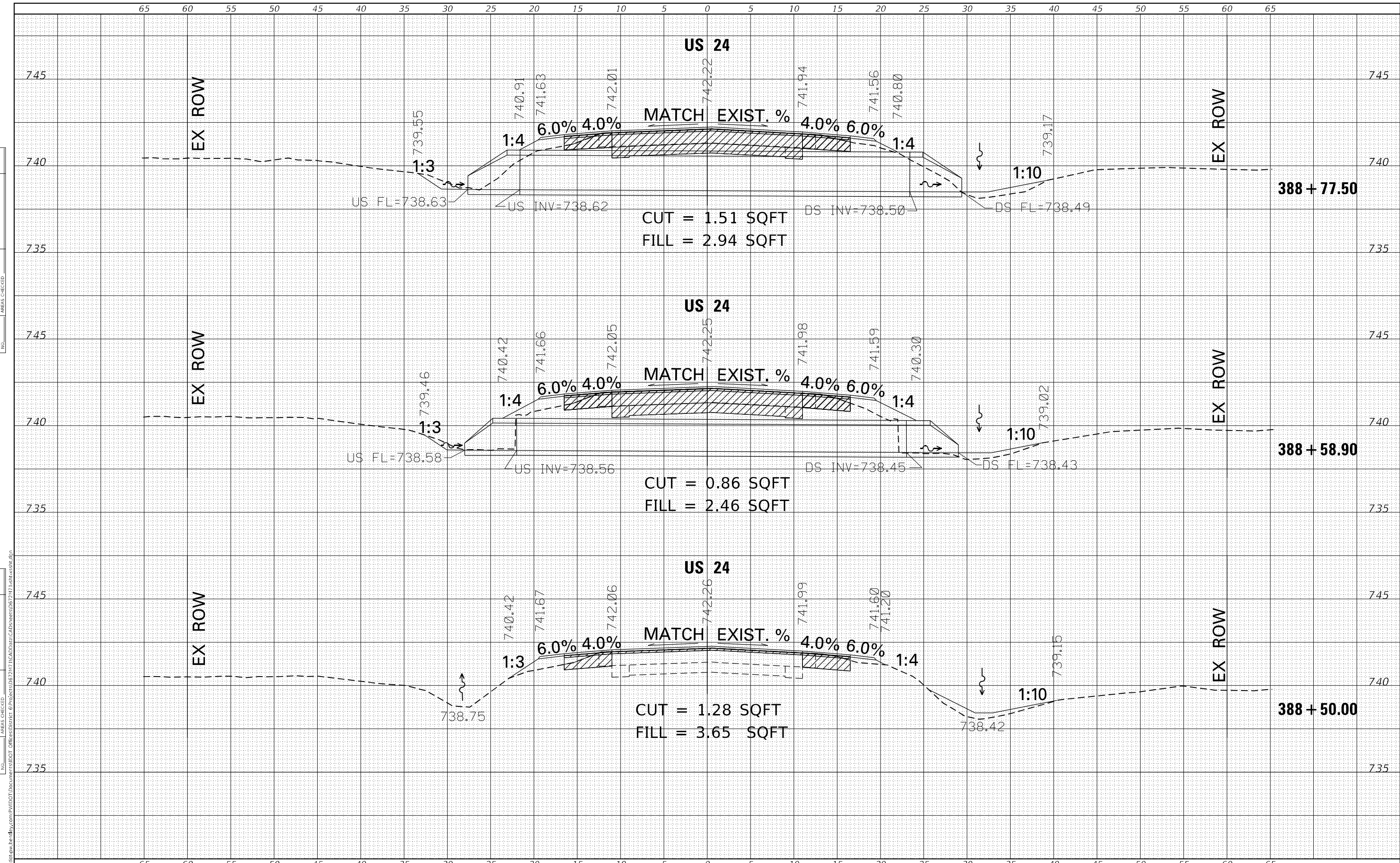
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STAGE 1 & 2 - TYPICAL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



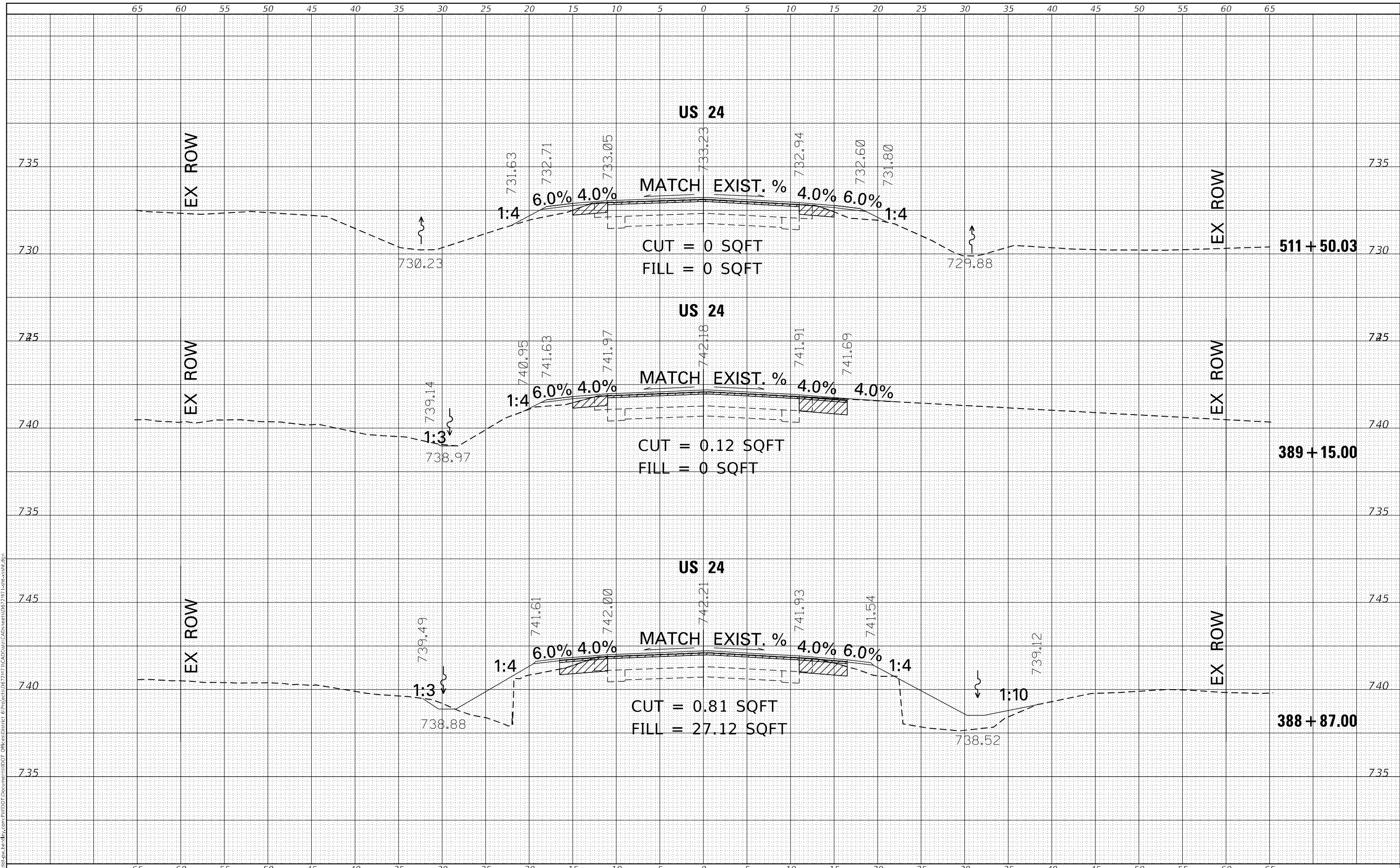
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 317 (US 24)
 CROSS SECTIONS**

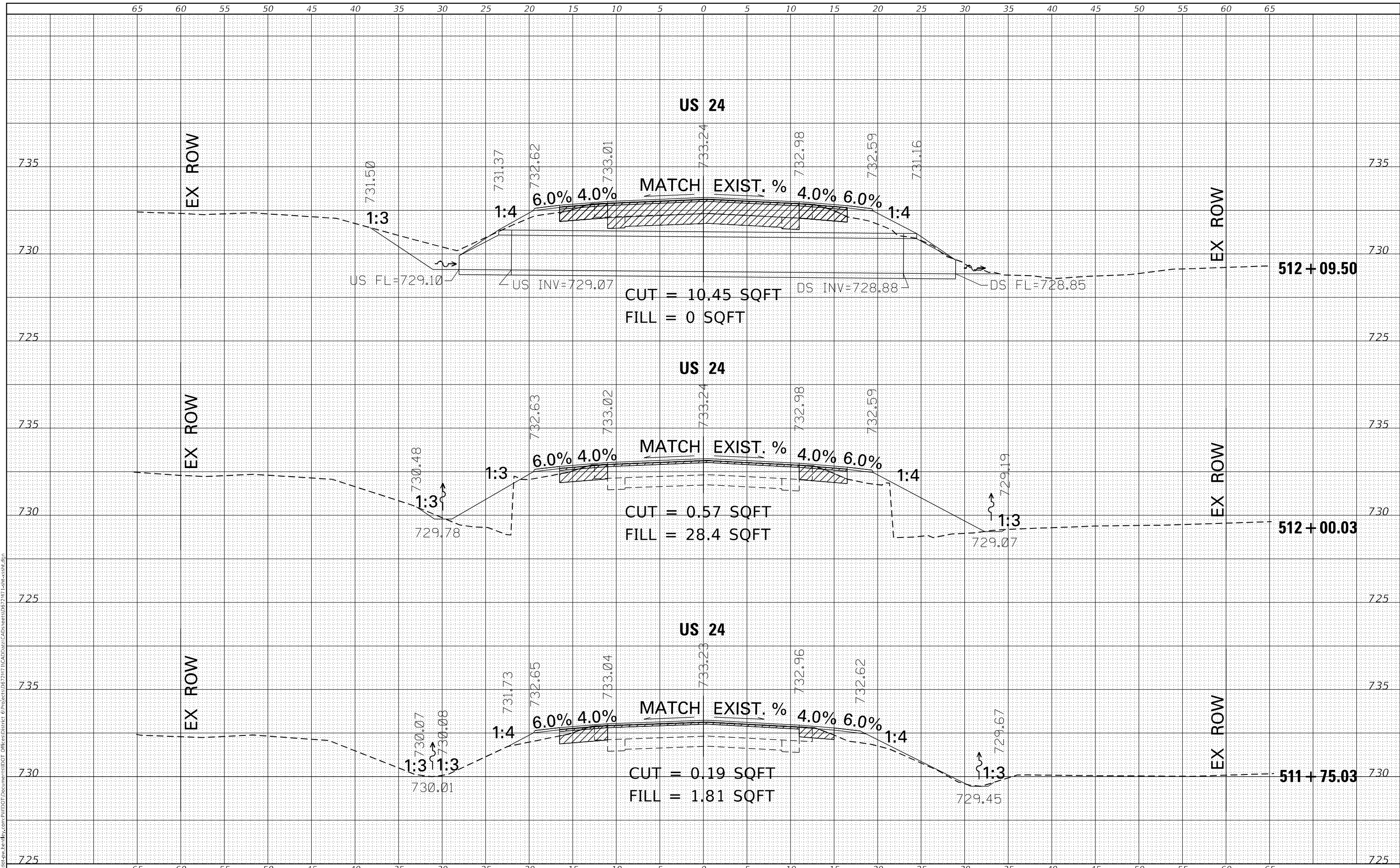
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317	(6) RS-5, (7) RS-9	BROWN	44	36
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 317 (US 24)
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 511+75.03 TO STA. 512+09.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	37
CONTRACT NO. 72M71			ILLINOIS FED. AID PROJECT	

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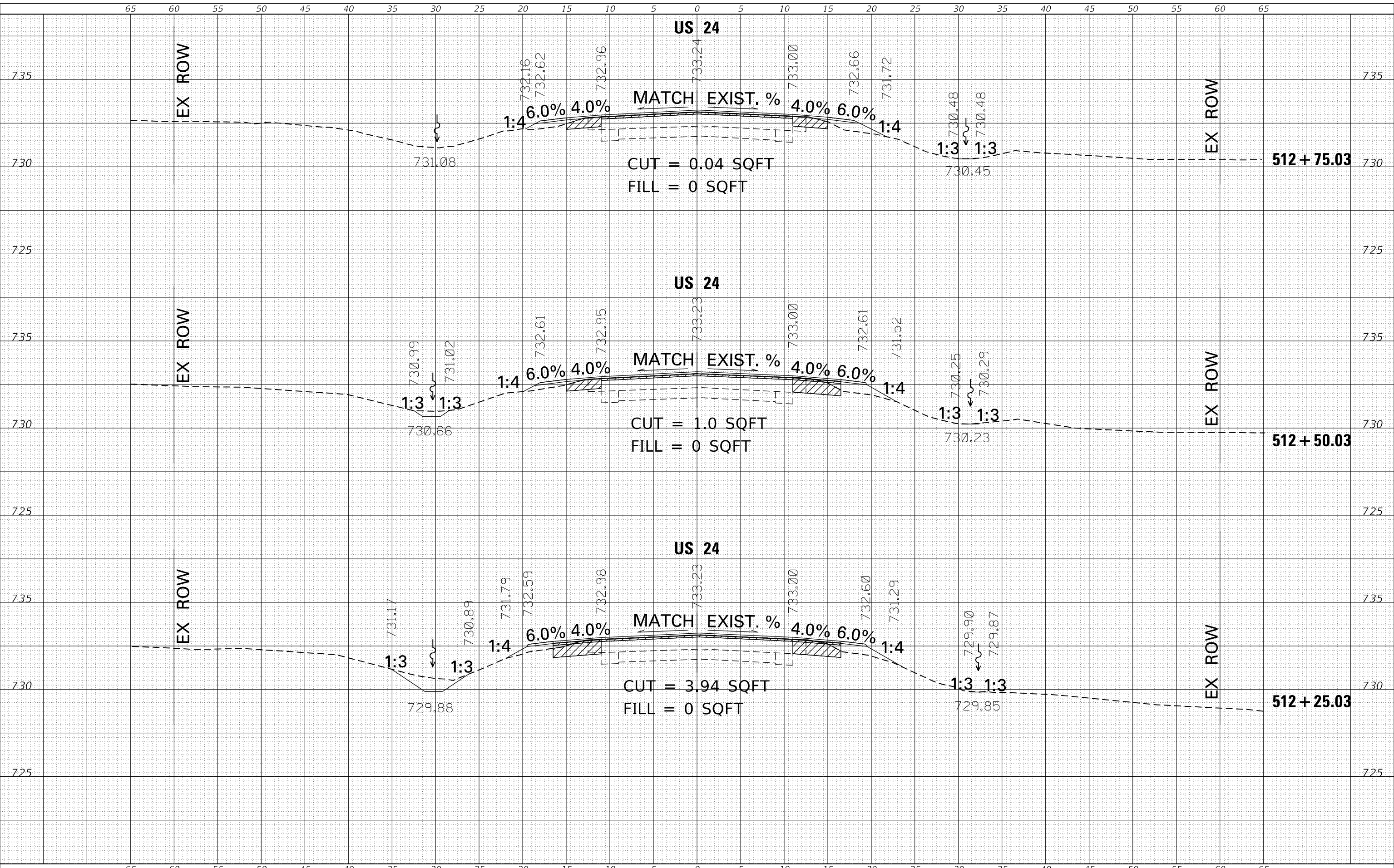
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:				
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**FAP 317 (US 24)
CROSS SECTIONS**

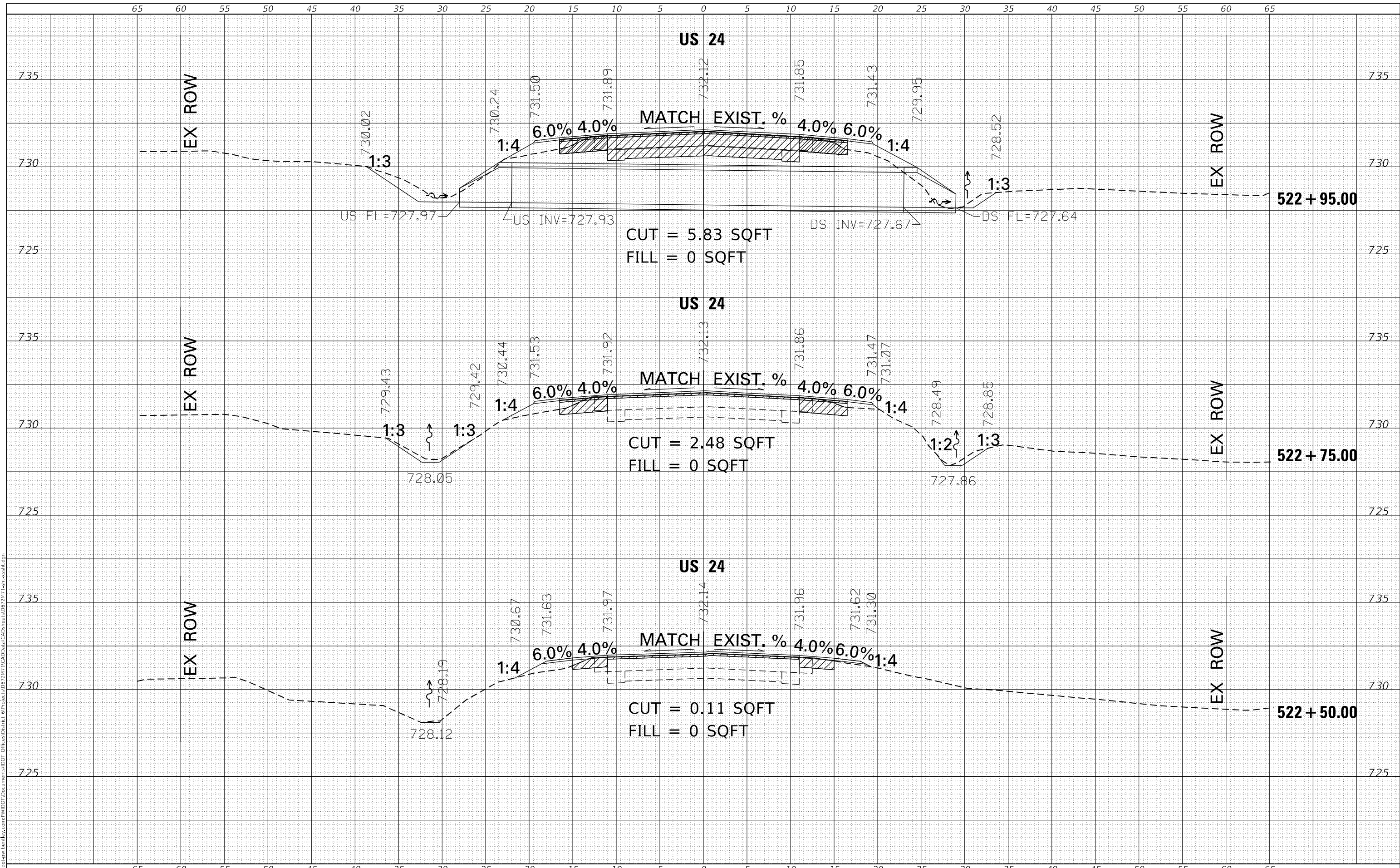
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(6) RS-5, (7) RS-9	BROWN	44	38
CONTRACT NO. 72M71				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 317 (US 24)
CROSS SECTIONS**

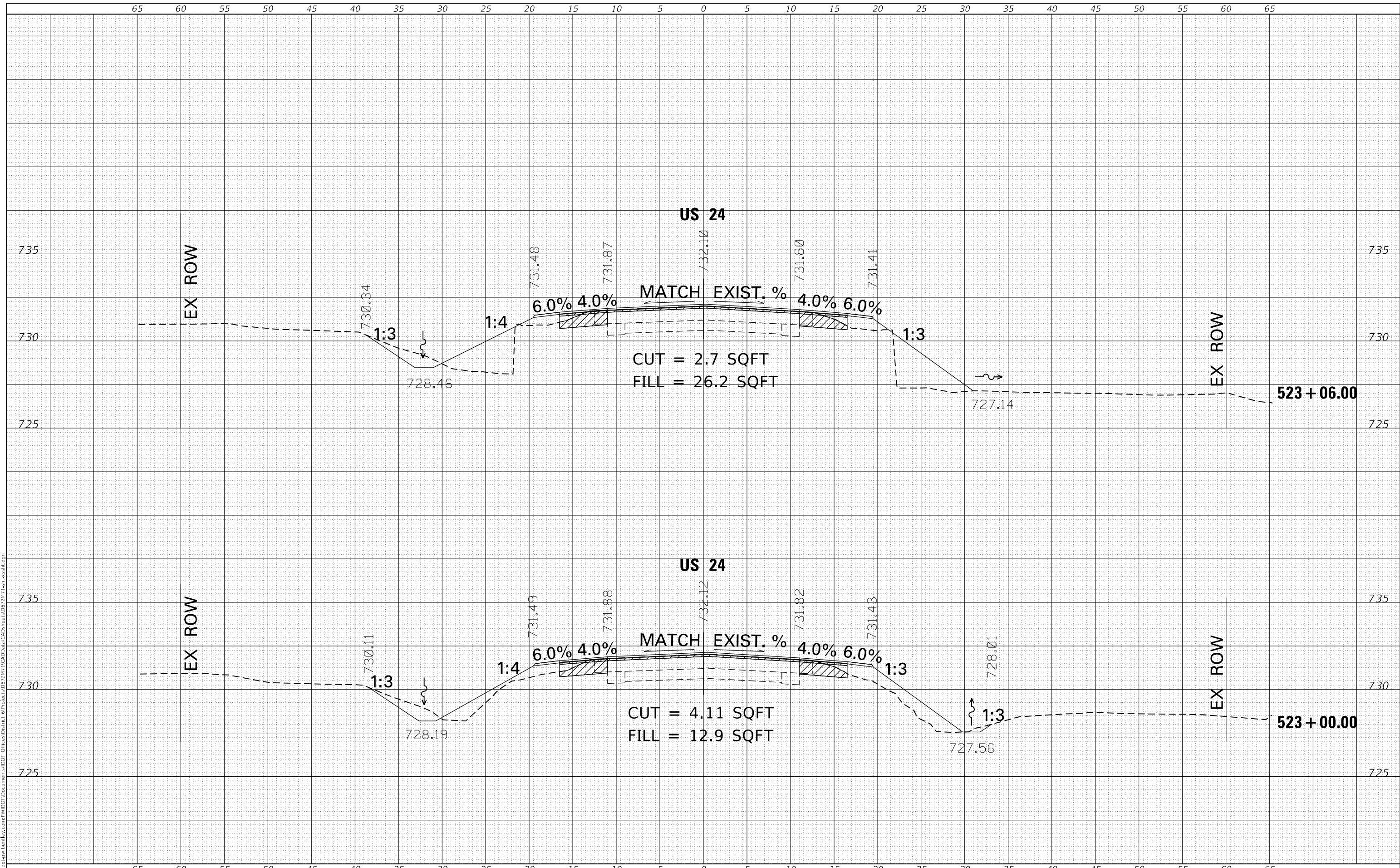
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			CONTRACT NO. 72M71	
			ILLINOIS FED. AID PROJECT	

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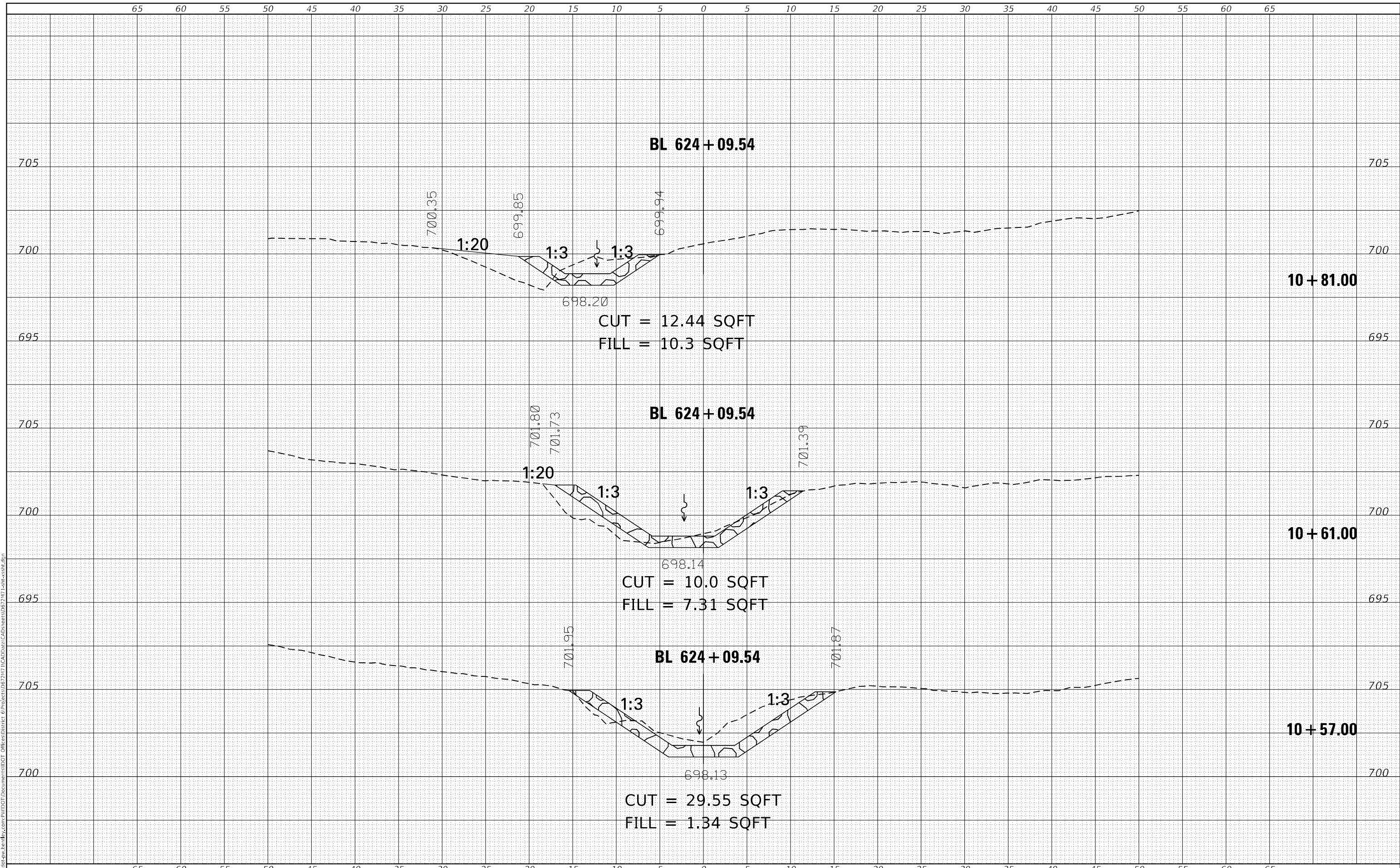


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PLOT DATE = 9/28/2023	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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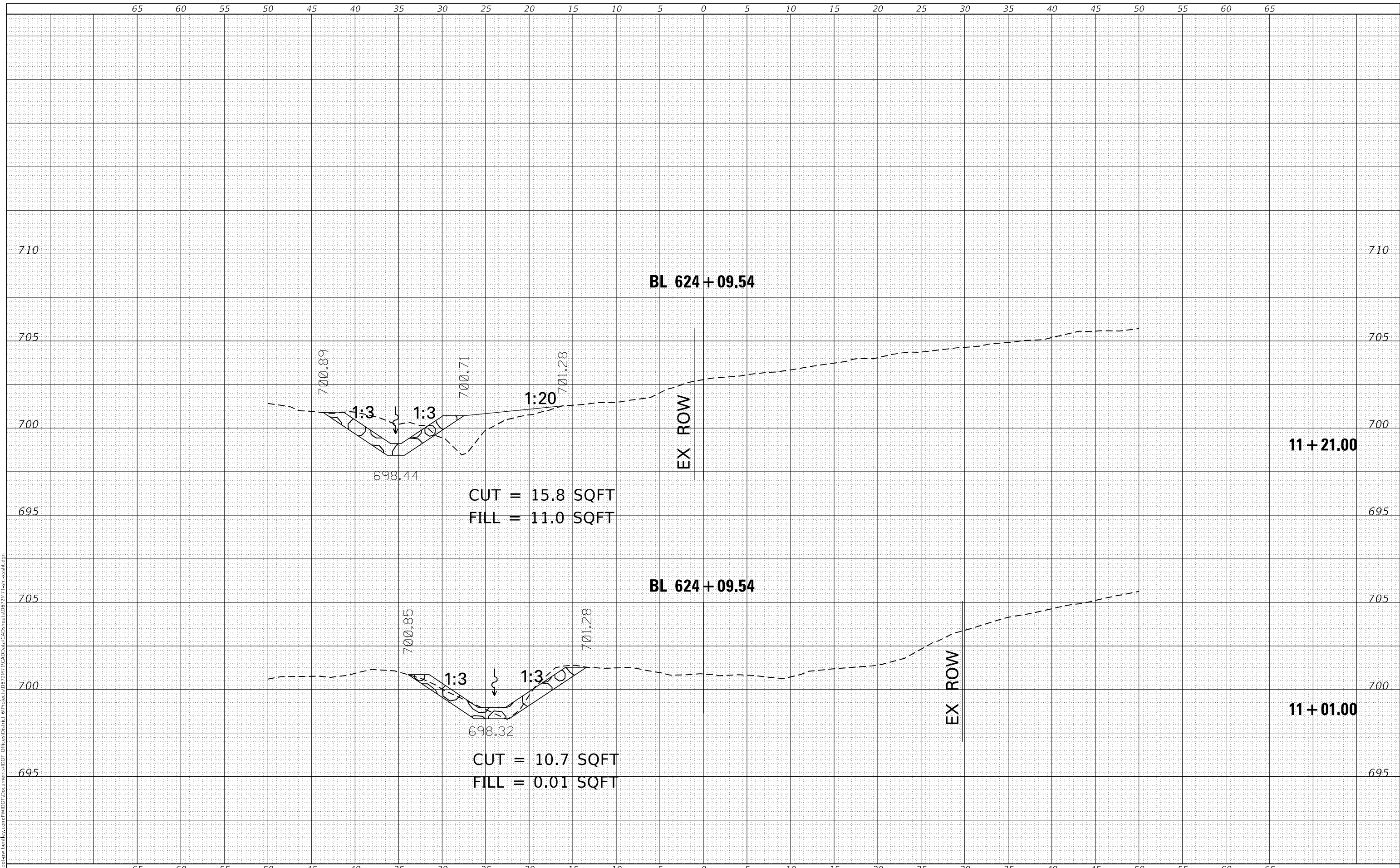


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PLOT DATE = 8/23/2023	DATE -	REVISD -								

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 317 (US 24)
 STREAM REALIGNMENT - CROSS SECTIONS**

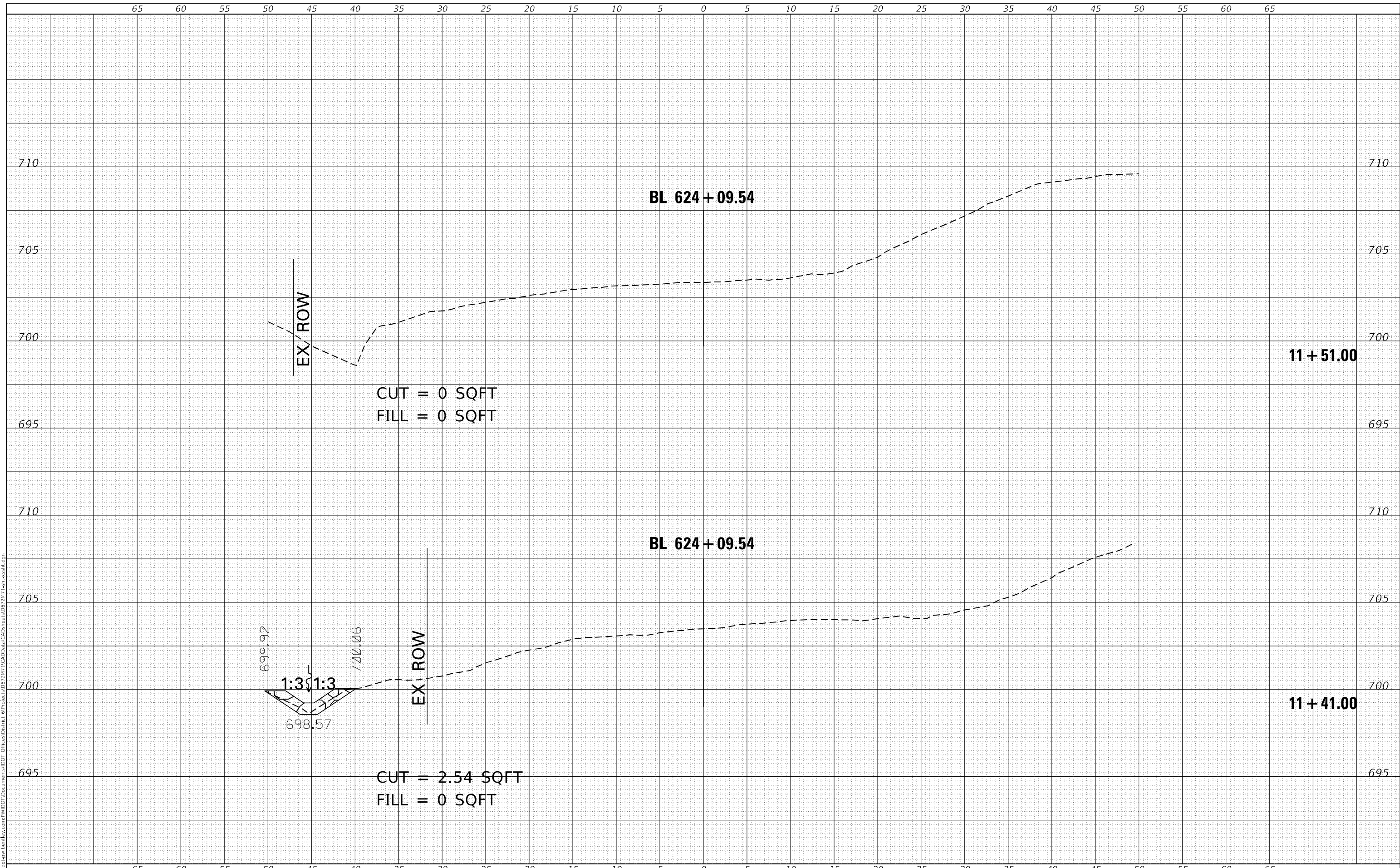
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			CONTRACT NO. 72M71	
		ILLINOIS FED. AID PROJECT		

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