

070

INDEX OF SHEETS

03-06-2020 LETTING ITEM 070

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

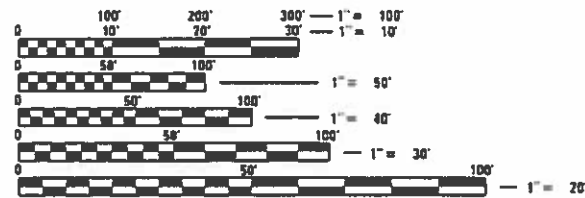
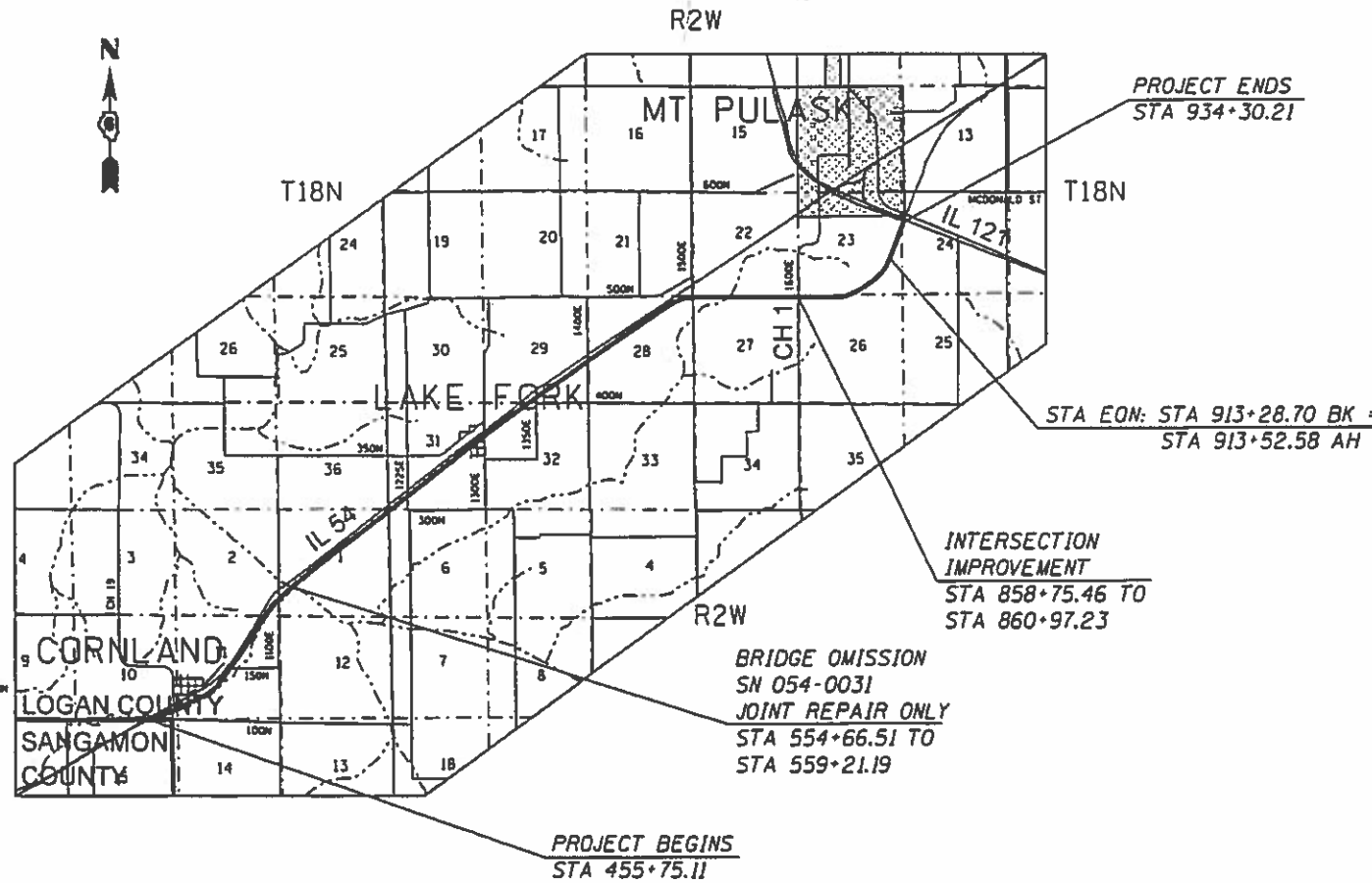
F.A.P. SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	(2) RS-3, BJR (10) RS-4, N	LOGAN	93	1
		ILLINOIS	CONTRACT NO. 72F77	

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PROPOSED HIGHWAY PLANS

**FAP ROUTE 71 (IL 54)
SECTION (2) RS-3, BJR (10) RS-4, N
STP-0071(056)
3P RESURF, INTERSECTION IMP, BRIDGE REPAIR
LOGAN COUNTY**

C-96-009-13



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: JON KELLEY PH. (217) 785-2739
PROJECT MANAGER: CLOYD JACK PH. (217) 524-0064

CONTRACT NO. 72F77

GROSS LENGTH = 47,777.46 FT. = 9.05 MILES
NET LENGTH = 47,322.78 FT. = 8.96 MILES

ADT: 1,525 (2015)
MU: 6.25%
SU: 4.38%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 12 20 19
[Signature] REGIONAL ENGINEER
Jan 31 20 20
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
Jan 31 20 20
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

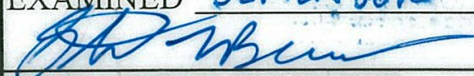

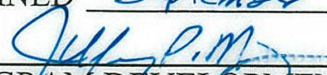
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GENERAL NOTES

- ① UNLESS NOTED OTHERWISE, STATIONS AND OFFSETS REFER TO CENTERLINE OF PROJECT.
- ② CONTACT D6 OPERATIONS TO FIELD VERIFY NO PASSING ZONES 14 DAYS IN ADVANCE OF PLACING PAVEMENT MARKINGS. ALSO CONTACT AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS (PH: 217-785-5312)
- ③ ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
- ④ EXISTING MAILBOXES SHALL BE TEMPORARILY RELOCATED FOR CONTINUED OPERATION AS NECESSARY DURING CONSTRUCTION. MAIL BOXES SHALL BE RELOCATED TO THEIR FINAL LOCATION AFTER CONSTRUCTION AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
- ⑤ NO CONSTRUCTION IS TO BE DONE WITHIN FIFTY (50) FEET OF ANY RAILROAD CROSSING WITHOUT OBTAINING THE PROPER RAILROAD PROTECTIVE LIABILITY INSURANCE.
- ⑥ CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND EROSION PROTECTION FOR THE DURATION OF THIS PROJECT.
- ⑦ THE CONTRACTOR WILL BE RESPONSIBLE FOR THE TRAFFIC CONTROL DEVICES AT ALL TIMES DURING CONSTRUCTION ACTIVITIES AND SHALL COORDINATE THE ITEMS OF WORK IN ORDER TO KEEP HAZARD TRAFFIC INCONVENIENCES TO A MINIMUM.
- ⑧ ALL PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

STANDARDS

- 000001-07 - STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 - TEMPORARY EROSION CONTROL SYSTEMS
- 442201-03 - CLASS C AND D PATCHES
- 482001-02 - HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 482011-03 - HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 542301-03 - PRECAST REINFORCED CONCRETE FLARED END SECTION
- 630001-12 - STEEL PLATE BEAM GUARDRAIL
- 631031-16 - TRAFFIC BARRIER TERMINAL, TYPE 6
- 666001-01 - ROW MARKERS
- 701001-02 - OFF-RD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 - OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24' (600mm) FROM PAVEMENT EDGE
- 701011-04 - OFF-RD 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 SPEED ≥ 45 MPH
- 701311-03 - LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
- 701326-04 - LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
- 701336-07 - LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
- 701901-08 - TRAFFIC CONTROL DEVICES
- 725001-01 - OBJECT AND TERMINAL MARKERS
- 780001-05 - TYPICAL PAVEMENT MARKINGS
- 781001-04 - TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS
- 782006-01 - GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
- B.L.R 21-9 - TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- B.L.R 22-7 - TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

DISTRICT SIX	
EXAMINED <u>SEPTEMBER 5</u>	20 <u>19</u>
	
OPERATIONS ENGINEER	
EXAMINED <u>2-9</u>	20 <u>19</u>
	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>September 11</u>	20 <u>19</u>
	
PROGRAM DEVELOPMENT ENGINEER	

REV. - MS

FILE NAME =	USER NAME = pasleyb	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES FAP 71 (IL 54)	F.A.P. RTE. 71	SECTION	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 2
dw:\planroom\dot_illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\167277\CADData\CADStc\0327877-shr-gen\note.dgn										
Default	PLOT SCALE = 100.0168 / n	CHECKED =	REVISED =		SCALE: SHEET OF SHEETS STA TO STA:					CONTRACT NO. 72F77
	PLOT DATE = 12/13/2019	DATE =	REVISED =							ILLINOIS FED. AID PROJECT

GENERAL NOTES

RATES OF APPLICATION TABLES

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

BITUMINOUS MATERIALS (PRIME COAT) ON AGGREGATE BASES: 0.25 LBS / SQ FT
 BITUMINOUS MATERIALS (TACK COAT) ON MILLED SURFACE: 0.05 LBS / SQ FT
 BITUMINOUS MATERIALS (TACK COAT) BETWEEN HMA LIFTS: 0.025 LBS / SQ FT
 HOT-MIX ASPHALT SURFACE MIX C / HMA BINDER COURSE: 112 LBS / SQ YD / IN
 AGGREGATE WEDGE SHOULDER: 1.6 TON / CU YD

COMMITMENTS

PROPERTY OWNER TIM SOUTHERLAN SHALL BE CONTACTED 15 TO 30 DAYS PRIOR TO ANY EXCAVATION NEAR HIS PROPERTY LOCATED IN THE SOUTHWEST QUADRANT OF INTERSECTION OF IL 54 AND CH 1. HE MAY BE REACHED AT (217) 412-2397.

MIX REQUIREMENTS

Locations:	
Mixture Uses:	HMA Surface
PG:	SBS PG 64-28
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 9.5
Friction Aggregate:	Mix "C"
Quality Management:	QCP
Sublot Size:	1000 Tons

Locations:	
Mixture Uses:	Binder
PG:	PG 58-28
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 19.0
Friction Aggregate:	N/A
Quality Management:	QCP
Sublot Size:	1000 Tons

Locations:	
Mixture Uses:	HMA Shoulder (Top Lift) + Incidental
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 9.5
Friction Aggregate:	Mix "C"
Quality Management:	QC/QA
Sublot Size:	N/A

Locations:	
Mixture Uses:	HMA Shoulder (Bottom Lifts) + HMA Base Course + Patching
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 19.0
Friction Aggregate:	N/A
Quality Management:	QC/QA
Sublot Size:	N/A

FILE NAME = pwz\planroom.dot\illinois.gov\PWIDOT\Documents\	USER NAME = JACKCA DOT Offices\District 6\Projects\D672F77\CADData\CADsht\	DESIGNED - DRAWN 77-sht-gennote.dgn	REVISED - REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES FAP 71 (IL 54)	F.A.P. RTE. 71	SECTION *	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 3
PLOT SCALE = 100.0000 ' / in. PLOT DATE = 12/13/2019	CHECKED - DATE -	REVISED - REVISED -	REVISED - REVISED -	SCALE:	SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 72F77				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-60103-000	6-60103-010	6-60103-0200
				ROADWAY 0005 RURAL	ROADWAY 0005 RURAL	BRIDGE 0047 054-0031
				20200100	EARTH EXCAVATION	CU YD
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	113	113		
20800150	TRENCH BACKFILL	CU YD	103		103	
21400100	GRADING AND SHAPING DITCHES	FOOT	1,416	1,004	412	
25000200	SEEDING, CLASS2	ACRE	0.75	0.75		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68	68		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68	68		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68	68		
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2	2		
25100115	MULCH, METHOD 2	ACRE	0.75	0.75		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100		
28000305	TEMPORARY DITCH CHECKS	FOOT	240	240		
28000500	INLET AND PIPE PROTECTION	EACH	4	4		
31100700	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	797		797	

REV. - MS

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000 ' / in.		DATE -	REVISED -					CONTRACT NO. 72F77				
Default								SCALE:	SHEET 1	OF 5	SHEETS	STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-60103-0000	6-60103-0100	6-60103-0200
				ROADWAY 0005	ROADWAY 0005	BRIDGE 0047
				RURAL	RURAL	054-0031
35501320	HOT-MIX ASPHALT BASE COURSE,9"	SQ YD	797		797	
35800100	PREPARATION OF BASE	SQ YD	249	249		
35800200	AGGREGATE BASE REPAIR	TON	6	6		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	30	30		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	97,912	97,350	562	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,421	2,421		
40600990	TEMPORARY RAMP	SQ YD	1,804	1,661	143	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	16,879	16,879		
40604150	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	11,809	11,674	135	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	42	42		
44000100	PAVEMENT REMOVAL	SQ YD	832		832	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL,1 1/2"	SQ YD	136,926	136,926		
44000161	HOT-MIX ASPHALT SURFACE REMOVAL,3"	SQ YD	2,793	2,793		
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	106	106		

REV. - MS

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pw:\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\672F77\CADData\CADSheet\672F77-sbt-SOQ.dgn		CHECKED -	REVISED -					71	*	LOGAN	63	5
PLOT SCALE = 100.0000 ' / in.		DATE -	REVISED -		SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				
Default												

* (2) RS-3, BJR, (10) RS-4, N

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-60103-0000	6-60103-0100	6-60103-0200
				ROADWAY 0005	ROADWAY 0005	BRIDGE 0047
				RURAL	RURAL	054-0031
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	23	23		
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ YD	132	132		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3,474	3,470	4	
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	4,042	3,766	276	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1,057	1033	24	
50102400	CONCRETE REMOVAL	CU YD	1			1
50104400	CONCRETE HEADWALL REMOVAL	EACH	4		4	
50105220	PIPE CULVERT REMOVAL	FOOT	98		98	
52000030	PREFORMED JOINT SEAL 2 1/2"	FOOT	37			37
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	130		130	
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4		4	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	350	350		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4		

* SPECIALTY ITEM

REV. - MS

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000 ' / in.		DATE -	REVISED -					CONTRACT NO. 72F77				
Default								SCALE:	SHEET 3	OF 5 SHEETS	STA.	TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-60103-0000	6-60103-0100	6-60103-0200
				ROADWAY 0005	ROADWAY 0005	BRIDGE 0047
				RURAL	RURAL	054-0031
63200310	GUARDRAIL REMOVAL	FOOT	578	578		
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	9	5	4	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	8	2	2
67100100	MOBILIZATION	L SUM	1	0.8	0.1	0.1
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	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.8	0.1	0.1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	170	100	70	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	14,626	14,626		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,685	1,685		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
* 78001120	PAINT PAVEMENT MARKING - LINE5"	FOOT	110,219	110,219		
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	35		35	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	593	593		

* SPECIALTY ITEM

REV. - MS

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PLOT SCALE = 100.0000 ' / in.		DATE -	REVISED -		SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.				CONTRACT NO. 72F77				
Default									ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-60103-00006	6-60103-0100	6-60103-0200
				ROADWAY 0005	ROADWAY 0005	BRIDGE 0047
				RURAL	RURAL	054-0031
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	16	16		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	593	593		
52000025	PREFORMED JOINT SEAL 2"	FOOT	37			37
Z0034105	MATERIAL TRANSFER DEVICE	TONS	11,809	11,809		
X6330900	VERTICAL ADJUSTMENT OF GUARDRAIL	FOOT	288	288		
∅ Z0076600	TRAINEES	HOUR	2000	2000		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	47,377	47,377		
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2000	2000		
Z0041895	POLYMER CONCRETE	CU FT	15			15

* SPECIALTY ITEM

∅ 0042

REV. - MS

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES FAP 71 (IL 54)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot\illinois.gov.PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADs\	PROJECT = F77-sbt-SOQ.dgn	CHECKED -	REVISED -			71	*	LOGAN	63	8	
PLOT SCALE = 100.0000' / in.	DATE -	REVISOR -	REVISIONS -			CONTRACT NO. 72F77					
Default	PLOT DATE = 12/13/2019	DATE -	REVISIONS -			SCALE:	SHEET 5	OF 5	SHEETS	STA.	TO STA.

* (2) RS-3, BJR, (10) RS-4, N

EARTHWORK SCHEDULE				
LOCATION		EARTH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT
		20200100		
		CU YDS	CU YDS	CU YDS
COUNTY HIGHWAY 1				
STA 8+50	TO STA 9+84	94	71	54
STA 10+16	TO STA 11+25	104	78	81
SUBTOTAL 1:		198	149	135
IL 54				
STA 856+10	TO STA 861+50	389	292	114
SUBTOTAL 2:		389	292	114
GRAND TOTAL:		587	440	249

20200600 - EXCAVATING AND GRADING EXISTING SHOULDER				
LOCATION			LENGTH (FOOT)	QUANTITY (UNIT)
LT STA 860+46.73	TO	LT STA 878+22.41	1,776	17.8
RT STA 860+97.23	TO	RT STA 878+22.41	1,725	17.3
RT STA 878+22.41	TO	RT STA 913+00.00	3,478	34.8
LT STA 878+22.41	TO	LT STA 913+00.00	3,478	34.8
LT STA 913+00.00	TO	LT STA 913+28.70	29	0.3
RT STA 913+00.00	TO	RT STA 913+28.72	29	0.3
STA EQN: STA 913+28.70 BK = STA 913+52.58 AH				
LT STA 913+52.58	TO	LT STA 917+71.06	418	4.2
RT STA 913+52.58	TO	RT STA 917+47.06	394	3.9
TOTAL:				113

21400100 - GRADING AND SHAPING DITCHES				
LOCATION				QUANTITY (FOOT)
IL 54				
RT STA 855+73.21	TO	RT STA 859+41.59		400
LT STA 856+05.49	TO	LT STA 859+45.77		343
RT STA 860+19.47	TO	RT STA 861+50.00		133
LT STA 860+22.97	TO	LT STA 861+50.00		128
CH1 SUBTOTAL 1:				1,004
CH1 RT STA 8+50.00	TO	CH1 RT STA 9+46.64		97
CH1 LT STA 8+50.00	TO	CH1 LT STA 9+46.64		98
CH1 RT STA 10+53.36	TO	CH1 RT STA 11+60.00		109
CH1 LT STA 10+53.36	TO	CH1 LT STA 11+60.00		108
SUBTOTAL 2:				412
TOTAL:				1,416.0

LANDSCAPING							
LOCATION	AREA SQ FT	SEEDING CLASS 2 25000200 (ACRE)	NITROGEN FERTILIZER NUTRIENT 25000400 (POUND)	PHOSPHORUS FERTILIZER NUTRIENT 25000500 (POUND)	POTASSIUM FERTILIZER NUTRIENT 25000600 (POUND)	AGRICULTURAL GROUND LIMESTONE 25000700 (TON)	MULCH METHOD 2 25100115 (ACRE)
COUNTY HIGHWAY 1							
NORTHEAST QUADRANT LT STA 859+99.73 TO LT STA 865+19.94	4,018.2	0.09	8.3	8.3	8.3	0.2	0.092
NORTHWEST QUADRANT LT STA 855+01.86 TO LT STA 859+70.01	10,071.3	0.23	20.8	20.8	20.8	0.5	0.231
SOUTHEAST QUADRANT RT STA 859+95.33 TO RT STA 865+19.94	4,460.4	0.10	9.2	9.2	9.2	0.2	0.102
SOUTHWEST QUADRANT RT STA 855+01.86 TO RT STA 859+67.49	13,454.1	0.31	27.80	27.80	27.80	0.62	0.31
TOTALS:		0.75	68	68	68	2	0.75

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES FAP 71 (IL 54)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pww\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSet\DRAWING\77-sbt-schedule.dgn		CHECKED -	REVISED -						71	*	LOGAN	63	10
PLOT SCALE = 100.0000 ' / in.		DATE -	REVISED -		CONTRACT NO. 72F77								
Default	PLOT DATE = 12/13/2019				SCALE:	SHEET 2	OF 12	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

* (2) RS-3, BJR, (10) RS-4, N

EROSION CONTROL					
LOCATION		INLET & PIPE PROTECTION 28000500 (EACH)	TEMPORARY DITCH CHECKS 28000305 (FOOT)	TEMPORARY EROSION CONTROL SEEDING 28000250 (POUND)	
STA 876+00.00	TO	STA 914+00.00	4	240	100.0
TOTAL:			4	240	100

31100700 - SUBBASE GRANULAR MATERIAL, TYPE A 8"					
LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
STA 8+58.96	TO	STA 9+87.26	*MEASURED USING MICROSTATION		417.1
STA 10+13.14	TO	STA 11+33.94	*MEASURED USING MICROSTATION		379.8
TOTAL:					797

35501320 - HOT-MIX ASPHALT BASE COURSE, 9"					
LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
STA 8+58.96	TO	STA 9+87.26	*MEASURED USING MICROSTATION		417.1
STA 10+13.14	TO	STA 11+33.94	*MEASURED USING MICROSTATION		379.8
TOTAL:					797

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pww\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADData\CADSheet\DRAWN\F77-sbt-schedule.dgn		CHECKED -	REVISED -					71	*	LOGAN	63	11
PLOT SCALE = 100.0000 ' / in.		DATE -	REVISED -		CONTRACT NO. 72F77			ILLINOIS FED. AID PROJECT				
Default	PLOT DATE = 12/13/2019				SCALE:	SHEET 3	OF 12 SHEETS	STA.	TO STA.			

40600290 - BITUMINOUS MATERIALS (TACK COAT) - 2 APPLICATIONS						
BITUMINOUS MATERIALS (TACK COAT) MILLED HMA RATE=		0.05 LB/SF				
BITUMINOUS MATERIALS (TACK COAT) HMA LIFTS RATE=		0.025 LB/SF				
LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	QUANTITY (POUND)
STA 455+75.11	TO	STA 554+66.51	9,891.4	26	28,575.2	19288.2
OMISSION: STA 554+66.51 TO STA 559+21.19						
STA 559+21.19	TO	STA 670+80.43	11,159.2	26	32,237.8	21760.5
STA 670+80.43	TO	STA 680+92.76	1,012.3	24	2,699.5	1822.2
LT STA 680+92.76	TO	LT STA 860+46.73	17,954.0	13	25,933.5	17505.1
RT STA 680+92.76	TO	RT STA 860+97.23	18,004.5	13	26,006.5	17554.4
LT STA 860+46.73	TO	LT STA 913+28.70	5,282.0	16	9,390.2	6338.4
RT STA 860+97.23	TO	RT STA 913+28.70	5,231.5	16	9,300.4	6277.8
STA EQN: STA 913+28.70 BK = STA 913+52.58 AH						
LT STA 913+52.58	TO	LT STA 917+43.01	390.4	16	694.1	468.5
RT STA 913+52.58	TO	RT STA 917+27.86	375.3	16	667.2	450.3
LT STA 917+43.01	TO	LT STA 918+24.04	81.0	16-22	146.0	98.6
RT STA 917+27.86	TO	RT STA 917+68.75	40.9	16-24	79.2	53.5
LT STA 918+24.04	TO	LT STA 934+30.21	1,606.2	24	4,283.1	2891.1
RT STA 917+68.75	TO	RT STA 934+30.21	1,661.5	22	4,061.3	2741.4
					SUBTOTAL 1:	97250
CH1 STA 8+58.96	TO	CH1 STA 9+87.26	*MEASURED IN MICROSTATION		422.6	285.2
CH1 STA 10+13.14	TO	CH1 STA 11+33.94	*MEASURED IN MICROSTATION		409.2	276.2
					SUBTOTAL 2:	562.0
					ENTRANCE TOTAL(INCLUDING CH1):	661.8
					GRAND TOTAL=	97,912

40603080 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50							
LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	THICKNESS (IN)	QUANTITY (TON)
STA 455+75.11	TO	STA 554+66.51	9,891.4	26	28,575.2	2.25	3,600.5
OMISSION: STA 554+66.51 TO STA 559+21.19							
STA 559+21.19	TO	STA 670+80.43	11,159.2	26	32,237.8	2.25	4,062.0
STA 670+80.43		STA 680+92.76					
STA 680+92.76	TO	STA 913+28.70	23,235.9	26	67,126.0	2.25	8,457.9
STA EQN: STA 913+28.70 BK = STA 913+52.58 AH							
STA 913+52.58	TO	STA 917+46.11	393.5	26	1,136.9	2.25	143.2
STA 917+46.11	TO	STA 934+30.21	1,684.1	24	4,490.9	2.25	565.9
SUPERELEVATION CORRECTIONS:							50.0
TOTAL:							16,879

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pwz\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\1672777\CADData\CADSheet\1672777-sbt-schedule.dgn		CHECKED -	REVISED -					71	*	LOGAN	63	12
PLOT SCALE = 100.0000 ' / in.		DATE -	REVISED -					CONTRACT NO. 72F77				
Default								SCALE:	SHEET 4	OF 12 SHEETS	STA.	TO STA.

40603510 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50							
LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	THICKNESS (IN)	QUANTITY (TON)
STA 455+75.11	TO	STA 554+66.51	9,891.4	26	28,575.2	1.50	2,400.3
OMISSION: STA 554+66.51 TO STA 559+21.19							
STA 559+21.19	TO	STA 670+80.43	11,159.2	26	32,237.8	1.50	2,708.0
STA 670+80.43	TO	STA 680+92.76	1,012.3	24	2,699.5	3.00	453.5
STA 680+92.76	TO	STA 913+28.70	23,235.9	26	67,126.0	1.50	5,638.6
STA EQN: STA 913+28.70 BK = STA 913+52.58 AH							
STA 913+52.58	TO	STA 917+46.11	393.5	26	1,136.9	1.50	95.5
STA 917+46.11	TO	STA 934+30.21	1,684.1	24	4,490.9	1.50	377.2
SUBTOTAL 1:							11,674.0
CH1 STA 8+58.96	TO	CH1 STA 9+87.26	*MEASURED USING MICROSTATION		810.9	1.50	68.1
CH1 STA 10+13.14	TO	CH1 STA 11+33.94	*MEASURED USING MICROSTATION		789.6	1.50	66.3
SUBTOTAL 2:							135.0
GRAND TOTAL:							11,809

PAVEMENT PATCHING						
LOCATION	LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	PAVEMENT PATCHING, TYPE II, 13 INCH 44200156 (SQ YD)	PAVEMENT PATCHING, TYPE III, 13 INCH 44200160 (SQ YD)	PAVEMENT PATCHING, TYPE IV, 13 INCH 44200162 (SQ YD)
STA 474+65.00	S.B.	26	13			37.6
STA 534+84.00	S.B.	6	13	8.7		
STA 539+82.00	S.B.	8	13	11.6		
STA 671+25.00	S.B.	13	6	8.7		
STA 671+50.00	N.B.	37	13			53.4
STA 674+00.00	S.B.	6	13	8.7		
STA 676+10.00	S.B.	5	13	7.2		
STA 679+75.00	S.B.	6	13	8.7		
STA 679+75.00	N.B.	6	13	8.7		
STA 680+60.00	N.B.	50	4		22.2	
STA 688+00.00	N.B.	28	13			40.4
STA 726+65.00	S.B.	10	13	14.5		
STA 726+65.00	N.B.	10	13	14.5		
STA 769+65.00	N.B.	10	13	14.5		
TOTALS:				105.7	22.2	131.4
USE:				106	23	132

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pww\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN\F77-sbt-schedule.dgn		CHECKED -	REVISED -		71	*	LOGAN	63	13				
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		SCALE:			SHEET 5	OF 12 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
Default												CONTRACT NO. 72F77	

* (2) RS-3, BJR, (10) RS-4, N

HOT-MIX ASPHALT SURFACE REMOVAL										
LOCATION			DEPTH	LENGTH	WIDTH	HMA SURF REMOVAL, 3" 44000161 (SQ YD)	HMA SURF REMOVAL, 1 1/2" 44000155 (SQ YD)	HMA SURF REMOVAL, BUTT JOINT 40600982 (SQ YD)	TEMPORARY RAMP 40600990 (SQ YD)	PAVEMENT REMOVAL 44000100 (SQ YD)
			(INCH)	(FOOT)	(FOOT)					
STA 455+75.11	TO	STA 456+10.11		45	26			130.00	14.4	
STA 456+10.11	TO	STA 554+23.67	1 1/2	9,813.6	26		28,350.3			
STA 554+13.68	TO	STA 554+66.51		45	26			156.67	14.4	
OMISSION: STA 554+66.51 TO STA 559+21.19										
STA 559+21.19	TO	STA 559+73.94		45	26			153.89	14.4	
STA 559+73.94	TO	STA 670+80.43	1 1/2	11,106.5	26		32,085.4			
STA 670+80.43	TO	STA 681+27.76	3	1,047.3	24	2,792.9				
LT STA 681+27.76	TO	LT STA 913+28.70	1 1/2	23,200.9	13		33,512.5			
RT STA 681+27.76	TO	RT STA 913+28.70	1 1/2	23,200.9	13		33,512.5			
STA EQN: STA 913+28.70 BK = STA 913+52.58 AH										
LT STA 913+52.58	TO	LT STA 917+45.71	1 1/2	393.1	13		567.9			
RT STA 913+52.58	TO	RT STA 917+46.16	1 1/2	393.6	13		568.5			
LT STA 917+45.71	TO	LT STA 918+24.04	1 1/2	78.3	3-10		48.4			
RT STA 917+46.16	TO	RT STA 917+68.75	1 1/2	22.6	3-12		19.7			
LT STA 917+45.71	TO	LT STA 918+24.04	1 1/2	78.3	12		104.4			
RT STA 917+46.16	TO	RT STA 917+68.75	1 1/2	22.6	12		30.1			
LT STA 918+24.04	TO	LT STA 933+85.20	1 1/2	1,561.2	22		3,816.2			
RT STA 917+68.75	TO	RT STA 933+85.20	1 1/2	1,616.5	24		4,310.5			
STA 933+85.20	TO	STA 934+30.20		45	46			230.00	14.4	
SUBTOTAL 1:						2,792.9	136,926.3	670.56	57.6	0.0
CH1 STA 8+58.96	TO	CH1 STA 9+87.26	FULL DEPTH	MEASURED IN MICROSTATION					74.4	422.56
CH1 STA 10+13.14	TO	CH1 STA 11+33.94	FULL DEPTH	MEASURED IN MICROSTATION					68.8	409.22
SUBTOTAL 2:						0.0	0.0	0.0	143.2	831.8
Entrance Quantities:								1750.1	1603	
GRAND TOTAL:						2,793	136,926	2421	1804	832

* (2) RS-3, BJR, (10) RS-4, N

48102100 - AGGREGATE WEDGE SHOULDER, TYPE B									
LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	INSIDE THICKNESS (IN)	OUTSIDE THICKNESS (IN)	QUANTITY (CU YD)	QUANTITY (TON)
LT STA 455+75.11	TO	LT STA 554+66.51	9,891.40	4	4396.18	2.25	1.50	228.97	366.3
RT STA 455+75.11		RT STA 554+66.51	9,891.40	4	4,396.18	2.25	1.50	228.97	366.3
OMISSION: STA 554+66.51 TO STA 559+21.19									
LT STA 559+21.19	TO	LT STA 670+80.44	11,159.25	4	4,959.67	2.25	1.50	258.32	413.3
RT STA 559+21.19	TO	RT STA 670+80.44	11,159.25	4	4,959.67	2.25	1.50	258.32	413.3
RT STA 670+80.44	TO	RT STA 680+92.76	1,012.32	8	899.84	2.25	1.50	46.87	75.0
RT STA 680+92.76	TO	RT STA 859+01.50	17,808.74	4	7,915.00	2.25	1.50	412.24	659.6
LT STA 680+92.76	TO	LT STA 858+48.18	17,755.42	4	7,891.30	2.25	1.50	411.01	657.6
LT STA 860+40.59	TO	LT STA 878+00.00	1,759.41	5	977.45	2.25	1.50	50.91	81.5
RT STA 860+62.81	TO	RT STA 878+00.00	1,737.19	5	965.11	2.25	1.50	50.27	80.4
STA 878+00.00	TO	STA 913+00.00	3,500.00	5	1,944.44	2.25	1.50	101.27	162.0
STA 913+00.00	TO	STA 913+28.70	28.70	5	15.94	2.25	1.50	0.83	1.3
STA EQN: STA 913+28.70 BK = STA 913+52.58 AH									
LT STA 913+52.58	TO	LT STA 934+30.21	2,077.63	5	1,154.24	2.25	1.50	60.12	96.2
RT STA 913+52.58	TO	RT STA 934+30.21	2,077.63	5	1,154.24	2.25	1.50	60.12	96.2
								SUBTOTAL 1:	3,470.0
CH1 8+58.96	TO	CH1 9+18.54	59.58	3	19.86	2.25	1.50	1.03	1.7
CH1 10+81.47	TO	CH1 11+33.94	52.48	3	17.49	2.25	1.50	0.91	1.5
								SUBTOTAL 2:	3.1
								GRAND TOTAL:	3,474

48203023 - HOT-MIX ASPHALT SHOULDERS, 6 1/2"						
LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	QUANTITY (SQ YD)	
LT STA 860+62.81	TO	LT STA 878+22.41	1,760	3	586.5	
RT STA 860+62.81	TO	RT STA 878+22.41	1,760	3	586.5	
LT STA 878+22.41	TO	LT STA 913+28.70	3,506	3	1168.8	
RT STA 878+22.41	TO	RT STA 913+28.72	3,506	3	1168.8	
STA EQN: STA 913+28.70 BK= STA 913+52.58 AH						
LT STA 913+52.58	TO	LT STA 914+05.94	53	3	17.8	
RT STA 913+52.58	TO	RT STA 914+05.94	53	3	17.8	
LT STA 914+05.94	TO	LT STA 917+43.01	337	3	112.4	
RT STA 914+05.94	TO	RT STA 917+27.86	322	3	107.3	
					SUBTOTAL 1:	3766.0
LT CH1 STA 8+58.96	TO	LT CH1 STA 9+87.26	MEASURED IN MICROSTATION		71.2	
RT CH1 STA 9+18.58	TO	RT CH1 STA 9+87.27	MEASURED IN MICROSTATION		68.3	
LT CH1 STA 10+13.14	TO	LT CH1 STA 11+33.94	MEASURED IN MICROSTATION		67.9	
RT CH1 STA 10+13.15	TO	RT CH1 STA 10+81.43	MEASURED IN MICROSTATION		68.3	
					SUBTOTAL 2:	276.0
					GRAND TOTAL:	4042

* (2) RS-3, BJR, (10) RS-4, N

48203100 - HOT-MIX ASPHALT SHOULDERS							
LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	DEPTH (IN)	QUANTITY (TON)
LT STA 553+01.83	TO	LT STA 554+66.51	165	3	54.9	3	9.2
RT STA 553+01.83	TO	RT STA 554+66.51	165	3	54.9	3	9.2
LT STA 559+21.19	TO	LT STA 560+45.52	124	3	41.4	3	7.0
RT STA 559+21.19	TO	RT STA 560+45.52	124	3	41.4	3	7.0
LT STA 860+62.81	TO	LT STA 878+22.41	1,760	3	586.5	1.5	49.3
RT STA 860+62.81	TO	RT STA 878+22.41	1,760	3	586.5	1.5	49.3
LT STA 878+22.41	TO	LT STA 913+28.70	3,506	3	1,168.8	1.5	98.2
RT STA 878+22.41	TO	RT STA 913+28.72	3,506	3	1,168.8	1.5	98.2
STA EQN: STA 913+28.70 BK= STA 913+52.58 AH							
LT STA 913+52.58	TO	LT STA 914+05.94	53	3	17.8	1.5	1.5
RT STA 913+52.58	TO	RT STA 914+05.94	53	3	17.8	1.5	1.5
LT STA 914+05.94	TO	LT STA 917+43.01	337	3	112.4	1.5	9.4
RT STA 914+05.94	TO	RT STA 917+27.86	322	3	107.3	1.5	9.0
LT STA 917+43.01	TO	LT STA 918+24.04	81	0-10	45.0	3	7.6
RT STA 917+27.86	TO	RT STA 917+68.75	41	0-12	27.3	3	4.6
LT STA 918+24.04	TO	LT STA 934+30.21	1,606	10	1,784.6	3	299.8
RT STA 917+68.75	TO	RT STA 934+30.21	1,661	12	2,215.3	3	372.2
SUBTOTAL 1:							1033.0
CH1 STA 8+58.96	TO	CH1 STA 9+87.26	MEASURED IN MICROSTATION		71.2	1.5	6.0
CH1 STA 9+18.58	TO	CH1 STA 9+87.27	MEASURED IN MICROSTATION		68.3	1.5	5.7
CH1 STA 10+13.14	TO	CH1 STA 11+33.94	MEASURED IN MICROSTATION		67.9	1.5	5.7
CH1 STA 10+13.15	TO	CH1 STA 10+81.43	MEASURED IN MICROSTATION		68.3	1.5	5.7
SUBTOTAL 2:							24.0
GRAND TOTAL:.							1057

BRIDGE						
LOCATION			CONCRETE REMOVAL 50102400 (CU YD)	PREFORMED JOINT SEAL 2-1/2" 52000030 (FOOT)	PREFORMED JOINT SEAL 3" X0900063 (FOOT)	POLYMER CONCRETE Z0041895 (CU FT)
STA 554+66.51	TO	STA 559+21.19	1	37	37	15
TOTAL:			1	37	37	15

* (2) RS-3, BJR, (10) RS-4, N

DRAINAGE AT COUNTY HIGHWAY 1 AND IL 54 INTERSECTION					
LOCATION	CONCRETE HEADWALL REMOVAL 50104400 (EACH)	PIPE CULVERT REMOVAL 50105220 (FOOT)	PIPE CULVERTS CLASS A TYPE 1, 30" 542A0235 (FOOT)	TRENCH BACKFILL 20800150 (CUYD)	PRECAST RE CONC FL END SECT 30" 54213675 (EACH)
STA 8+58.96 TO STA 9+87.26	2	45.5	65	49	2
STA 10+13.14 TO STA 11+33.94	2	52.2	65	54	2
TOTALS:	4	98	130	103	4

RAISED REFLECTIVE PAVEMENT MARKER					
LOCATION	SPACING	APPLICATION (EACH) 78100100	REMOVAL (EACH) 78300200		
STA 455+75.11 TO STA 554+66.51	1 @ 80'	124	124		
OMISSION: STA 554+66.51 TO STA 559+21.19					
STA 559+21.19 TO STA 913+28.70	1 @ 80'	443	443		
STA EQN: STA 913+28.70 BK = STA 913+52.58 AH					
STA 913+28.70 TO STA 934+30.21	1 @ 80'	26	26		
TOTALS:		593	593		

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pww\planroom\dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\672F77\CADData\CADSheet\672F77-sbt-schedule.dgn		CHECKED -	REVISED -						71	*	LOGAN	63	17
PLOT SCALE = 100.0000 ' / in.		DATE -	REVISED -		CONTRACT NO. 72F77				ILLINOIS	FED. AID PROJECT			
Default	PLOT DATE = 12/13/2019				SCALE:	SHEET 9	OF 12 SHEETS	STA.	TO STA.				

* (2) RS-3, BJR, (10) RS-4, N

GUARDRAIL									
LOCATION			GUARDRAIL REMOVAL 63200310 (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE A 6' POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL TYPE 6 63100085 (EACH)	TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	TERMINAL MARKER DIRECT APPLIED 72501000 (EACH)	GUARDRAIL REFLECTORS TYPE A 78200005 (EACH)	VERTICAL ADJUSTMENT OF GUARDRAIL X6330900 (FOOT)
RT STA 553+50.52	TO	RT STA 554+98.88	141.0	112.5	1	1	1	4	
LT STA 553+45.07	TO	LT STA 554+80.72	141.0	62.5	1	1	1	4	
RT STA 559+07.66	TO	RT STA 560+43.34	141.0	62.5	1	1	1	4	
LT STA 558+89.82	TO	LT STA 560+50.84	155.0	112.5	1	1	1	4	
RT STA 932+86.21	TO	RT STA 934+30.20							144.0
LT STA 932+86.21	TO	LT STA 934+30.20							144.0
TOTAL:			578	350	4	4	4	16	288

66600105 - FURNISHING AND ERECTING RIGHT OF WAY MARKERS

LOCATION	OFFSET	QUANTITY (EACH)
IL 54		
STA 859+13.42	50' RT	1
STA 859+22.78	50' LT	1
STA 860+29.17	75.96' LT	1
STA 860+51.17	50' LT	1
STA 860+53.42	50' RT	1
CH 1		
STA 9+19.75	40' RT	1
STA 9+20.25	40' LT	1
STA 10+80.19	30' LT	1
STA 11+27.11	30' RT	1
TOTAL:		9

PAVEMENT MARKING SCHEDULE										
LOCATION STATION TO STATION			PAINT DESCRIPTION	SPACING	LINE 5" - 78001120		APPLICATIONS	24" TYPE B - 78004280	SHORT TERM - 70300100, 70300150	
					WHITE (FOOT)	YELLOW (FOOT)		INLAID (FOOT)	S.T. 4" (FOOT)	W.Z. REMOVAL (SQ FT)
F.A.P. 71 IL 54										
LT STA 917+46.11	TO	LT STA 934+30.21	CHEVRON (SHOULDERS)	4'@100			2		135	45
RT STA 917+46.11		RT STA 934+30.21	CHEVRON (SHOULDERS)	4'@100			2		135	45
STA 455+75.11	TO	STA 913+28.00	SOLID (EDGE LINES)	N/A	89,973					
STA EQN: 913+28.70 BK = 913+52.58 AH										
STA 913+52.58	TO	STA 934+30.21	SOLID (EDGE LINES)	N/A	4,155					
STA 455+75.11	TO	STA 579+69.73	SKIP-DASH	10' @ 40'		3,099	3		3,718	413
STA 579+69.73	TO	STA 585+49.84	SOLID (RT) SKIP-DASH (LT)	10' @ 40'		725	3		174	19
STA 585+49.84	TO	STA 589+18.93	SKIP-DASH	10' @ 40'		92	3		111	12
STA 589+18.93	TO	STA 596+61.77	SOLID (LT) SKIP-DASH (RT)	10' @ 40'		929	3		223	25
STA 596+61.77	TO	STA 872+86.93	SKIP-DASH	10' @ 40'		6,906	3		8,288	921
STA 872+86.93	TO	STA 878+07.70	SOLID (RT) SKIP-DASH (LT)	10' @ 40'		651	3		156	17
STA 878+07.70	TO	STA 883+53.90	SKIP-DASH	10' @ 40'		137	3		164	18
STA 883+53.90	TO	STA 889+82.37	SOLID (RT) SKIP-DASH (LT)	10' @ 40'		786	3		189	21
STA 889+82.37	TO	STA 920+76.40	SKIP-DASH	10' @ 40'		774	3		928	103
STA 920+76.40	TO	STA 930+29.03	SOLID (RT) SKIP-DASH (LT)	10' @ 40'		1,191	3		286	32
STA 930+29.03	TO	STA 934+30.21	SOLID (RT) SOLID (LT)	10' @ 40'		802	3		120	13
SUBTOTAL 1:					94,128	16,091			14,626	1,685
F.A.S. 562 CH 1										
STA 10+44.20 LT			PREFORMED PLASTIC	N/A				17.36		
STA 9+56.26 RT			PREFORMED PLASTIC	N/A				17.49		
SUBTOTAL 2:					0	0	0	34.85	0	0
SUBTOTAL 3:					94,128	16,091	0	35	14,626	1,685
GRAND TOTAL:					110,219			35	14,626	1,685

Z0033700 - LONGITUDINAL JOINT SEALANT (CENTERLINE)		
LOCATION		QUANTITY (FOOT)
STA 455+75.11	TO STA 554+66.51	9891
OMISSION: STA 554+66.51 TO STA 559+21.19		
STA 559+21.19	TO STA 913+28.70	35408
STA EQN: STA 913+28.70 BK = STA 913+52.58 AH		
STA 913+52.58	TO STA 934+30.21	2078
TOTAL:		47,377

* (2) RS-3, BJR, (10) RS-4, N

FAP 71 (IL 54) ENTRANCE SCHEDULE

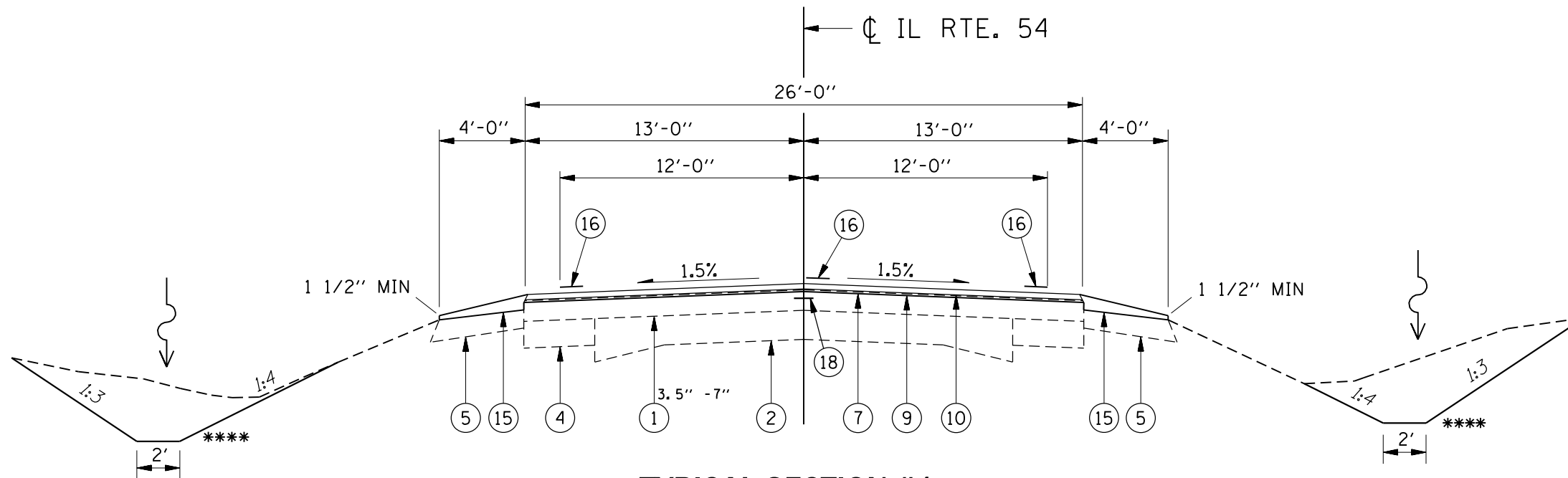
LOCATION	NAME / TYPE	(3) FRONT WIDTH	(2) REAR WIDTH	AGGREGATE BASE REPAIR THICKNESS	THICKNESS	DISTANCE FROM EOP	EX MATERIAL	PREPARATION OF BASE 35800100	AGGREGATE BASE REPAIR 35800200	INCIDENTAL HMA SURFACING 40800050	AGGREGATE SURFACE, TYPE B 40200800	TEMPORARY RAMP 40600990	HMA SURF. REM. BUTT JOINT 40600982	PAVEMENT REMOVAL 44000100	BITUMINOUS TACK COAT 40600290
		(FT)	(HMA) (FT)	(IN)	(IN)	(FT)		(SQ YD)	(TON)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(POUND)
RT STA 470+30.18	SR (TR 122 BRYSON RD)	MEASURED IN MICROSTATION			3	8	O&C					83.0	72.3		3.6
LT STA 470+75.10	SR (TR 122 BRYSON RD)	MEASURED IN MICROSTATION			3	7	O&C					89.8	69.8		3.5
LT STA 482+61.50	SR (LOCUST AVE)	MEASURED IN MICROSTATION			3	10	O&C					70.5	70.6		3.5
LT STA 485+02.26	SR (TR 475)	MEASURED IN MICROSTATION		2	3	8	AGG	39.2	3.5	6.6		181.6	98.4		6.9
RT STA 505+83.70	SR (TR 245)	MEASURED IN MICROSTATION			3	8	O&C					68.6	57.2		2.9
RT STA 550+53.03	SR (TR 154)	MEASURED IN MICROSTATION		2	3	10	O&C					73.7	73.7		3.7
LT STA 551+17.95	SR (TR 154)	MEASURED IN MICROSTATION			3	8	O&C					104.1	88.5		4.4
RT STA 575+56.37	PE	30.0	20.9	2	3	5	HMA / AGG	24.8	2.2	4.2	3.7		14.1		1.9
RT STA 598+49.08	PE	27.5	18.8		3	5	HMA / AGG	20.5		3.4	2.9		12.9		1.7
RT STA 600+50.00	PE (Cell Tower)	MEASURED IN MICROSTATION			3	20	HMA						64.3		3.2
RT STA 631+91.99	SR (TR 176)	MEASURED IN MICROSTATION			3	7	O&C					101.6	79.3		4.0
LT STA 632+59.44	SR (TR 176)	MEASURED IN MICROSTATION		2	3	7	O&C					80.9	64.0		3.2
RT STA 666+17.05	PE	30.5	21.1		3	6	HMA / AGG	33.6		5.6	5.5		17.2		2.5
RT STA 668+19.09	PE	23.3	13.7		3	5	HMA / AGG	32.0		5.4	3.7		10.3		2.1
RT STA 668+88.32	SR (LYNN ST)	MEASURED IN MICROSTATION			3	5	HMA / AGG	36.5		6.1	3.0		10.0		1.8
RT STA 670+95.39	SR (TR 451 ELM ST)	MEASURED IN MICROSTATION			3	7	HMA					86.7	68.9		3.4
RT STA 674+00.00	PE	21.0	14.3		3	5	HMA / AGG	23.4		3.9	2.1		8.8		1.6
RT STA 675+74.35	SR (TR 455 VINE ST)	MEASURED IN MICROSTATION		2	3	9	O&C					181.9	167.6		8.4
RT STA 675+88.56	SR (TR 454 WALNUT ST)	MEASURED IN MICROSTATION													
RT STA 679+95.41	SR (TR 178)	MEASURED IN MICROSTATION		2	3	7	O&C					82.8	64.2		4.1
LT STA 680+43.81	SR (FAS 561 CH 9)	MEASURED IN MICROSTATION			3	10	O&C					21.7	179.4		9.0
RT STA 705+46.59	SR (TR 221)	MEASURED IN MICROSTATION			3	8	O&C					119.6	98.7		4.9
RT STA 745+32.07	SR (TR 212)	MEASURED IN MICROSTATION			3	8	O&C					85.3	69.8		3.5
LT STA 745+88.57	SR (TR 212)	MEASURED IN MICROSTATION			3	8	O&C					80.1	66.4		3.3
RT STA 806+81.87	SR (TR 218)	MEASURED IN MICROSTATION			3	8	O&C					44.0	33.6		1.7
LT STA 806+88.29	SR (TR 218)	MEASURED IN MICROSTATION			3	7	O&C					47.4	37.1		1.9
RT STA 843+90.88	PE	32.7	18.6		3	6	HMA / AGG	14.7		2.5	2.7		17.1		1.6
RT STA 845+27.35	PE	36.0	23.9		3	8	HMA / AGG	9.5		1.6	3.4		26.6		1.8
LT STA 859+83.10	SR (FAS 562 CH 1)	176.3	26		3	94	HMA							409.2	276.2
RT STA 859+83.10	SR (FAS 562 CH 1)	178.8	24		3	102	HMA							422.6	285.2
RT STA 915+09.60	CE	43.4	32.2		3	8	HMA	14.5		2.4	3.1		33.6		2.4
RT STA 917+75.00	CE	MEASURED IN MICROSTATION			3	7	HMA						53.0		2.7
RT STA 922+05.00	CE	45.0	35.0		3	7	HMA						22.5		1.1
TOTALS:								249	6	42	30	1603	1750	832	662

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES FAP 71 (IL 54)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pww\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADs\DRAW\F77-sbt-schedule.dgn		CHECKED -	REVISED -						71	*	LOGAN	63	20
PLOT SCALE = 100.0000 ' / in.		DATE -	REVISED -		SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.				CONTRACT NO. 72F77				
Default	PLOT DATE = 12/13/2019								ILLINOIS FED. AID PROJECT				

* (2) RS-3, BJR, (10) RS-4, N

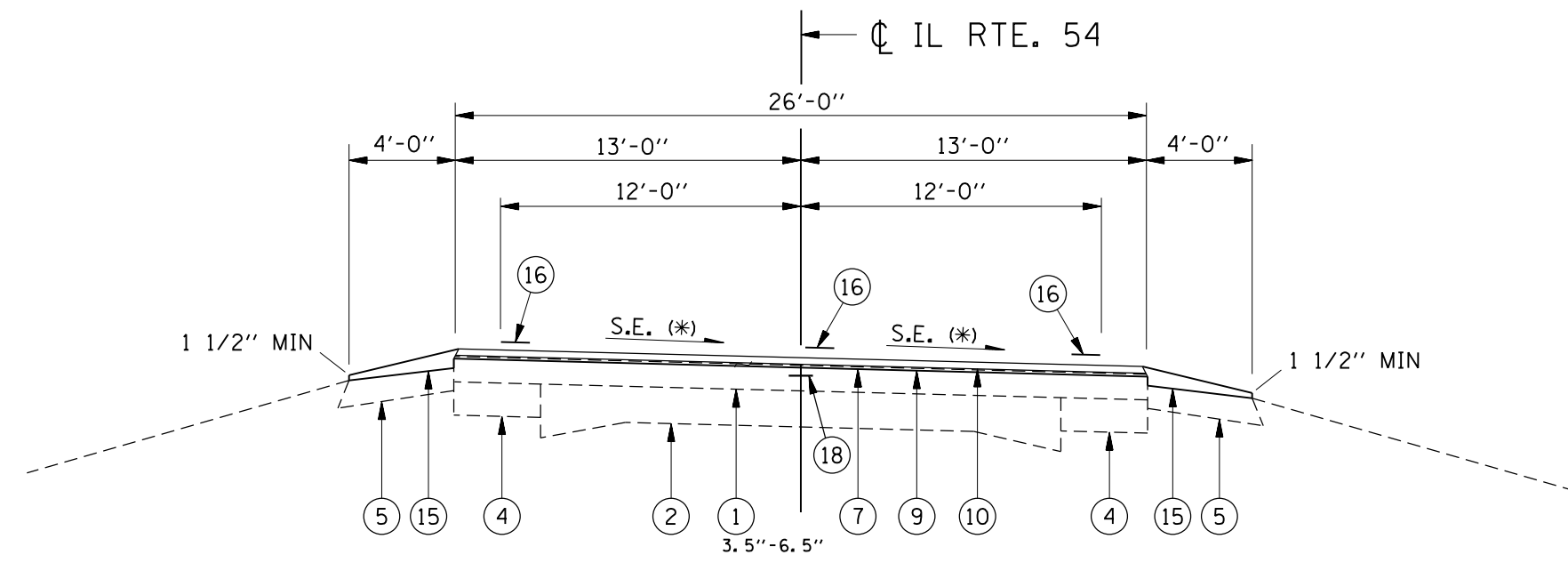
LEGEND

- ① EX HMA SURFACE COURSE
- ② EX PCC PAVEMENT (9-7-9)
- ③ EX HMA PAVEMENT
- ④ EX HMA SHOULDER, 8"
- ⑤ EX AGGREGATE SHOULDER
- ⑥ EX COMBINATION CONCRETE CURB AND GUTTER
- ⑦ PR HMA SURFACE REMOVAL, (1 1/2")
- ⑧ PR HMA SURFACE REMOVAL, (3")
- ⑨ PR HMA BINDER COURSE, (2 1/4")
- ⑩ PR POLYMERIZED HMA SURFACE COURSE, (1 1/2")
- ⑪ PR HMA SHOULDER (3")
- ⑫ PR HMA SHOULDERS, 6 1/2"
- ⑬ PR HMA SUBBASE GRAN MATERIAL, TYPE A 8"
- ⑭ PR HMA BASE COURSE, 9"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑯ PR PAVEMENT MARKING - LINE 5"
- ⑰ PR HMA SHOULDERS, (1 1/2")
- ⑱ PR LONGITUDINAL JOINT SEALANT



TYPICAL SECTION #1

STA 455+75.11 TO STA 466+50.85 STA 477+08.29 TO STA 485+35.49 STA 502+89.68 TO STA 542+23.18 STA 552+09.90 TO STA 553+36.92 BRIDGE OMISSION: STA 554+66.51 TO STA 559+21.19 STA 560+50.77 TO STA 649+89.00	STA 659+67.67 TO STA 662+34.57 STA 680+92.76 TO STA 707+19.66 STA 717+29.80 TO STA 786+52.13 STA 813+69.86 TO STA 856+10.24 STA 856+10.24 TO STA 862+00.00
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TYPICAL SECTION #2

STA 466+50.85 TO STA 477+08.29 STA 485+35.49 TO STA 502+89.68 STA 542+23.18 TO STA 552+09.90 STA 649+89.00 TO STA 659+67.67	STA 662+34.57 TO STA 670+80.44 STA 707+19.66 TO STA 717+29.80 STA 786+52.13 TO STA 813+69.86
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NOTES:

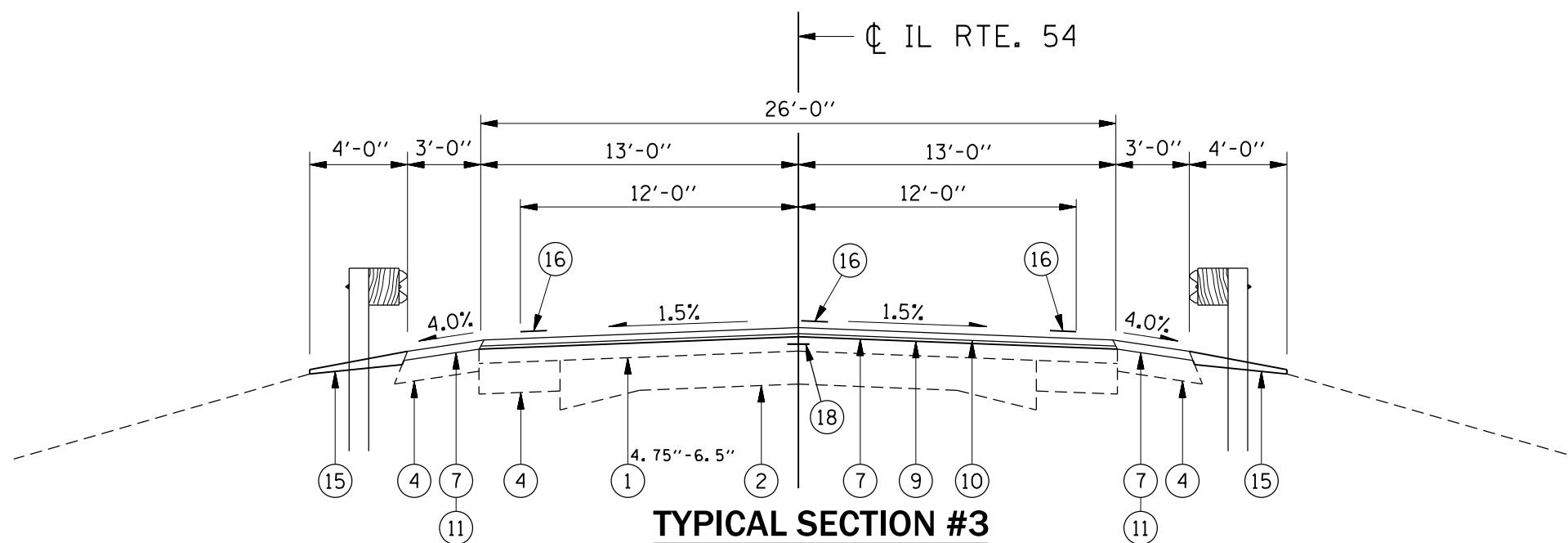
- * SEE "SUPERELEVATION TRANSITION DETAILS" FOR S.E. TABLE.
- ** HIGH SIDE
WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%.
- *** LOW SIDE
CROSS SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE WHEN THE SE IS GREATER THAN 4%. OTHERWISE THE CROSS SLOPE SHALL BE 4%.
- **** DITCH WORK STA 856+10.24 TO STA 862+00.00

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 71 (IL 54)			F.A.P. RTE. 71	SECTION *	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 21
pwz\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADData\CADSheet\DRAWING\77-sbt-typical.dgn					CONTRACT NO. 72F77							
PLOT SCALE = 6.4198' / in.					ILLINOIS FED. AID PROJECT							
PLOT DATE = 12/13/2019					SCALE: SHEET OF SHEETS STA. TO STA.							

* (2) RS-3, BJR, (10) RS-4, N

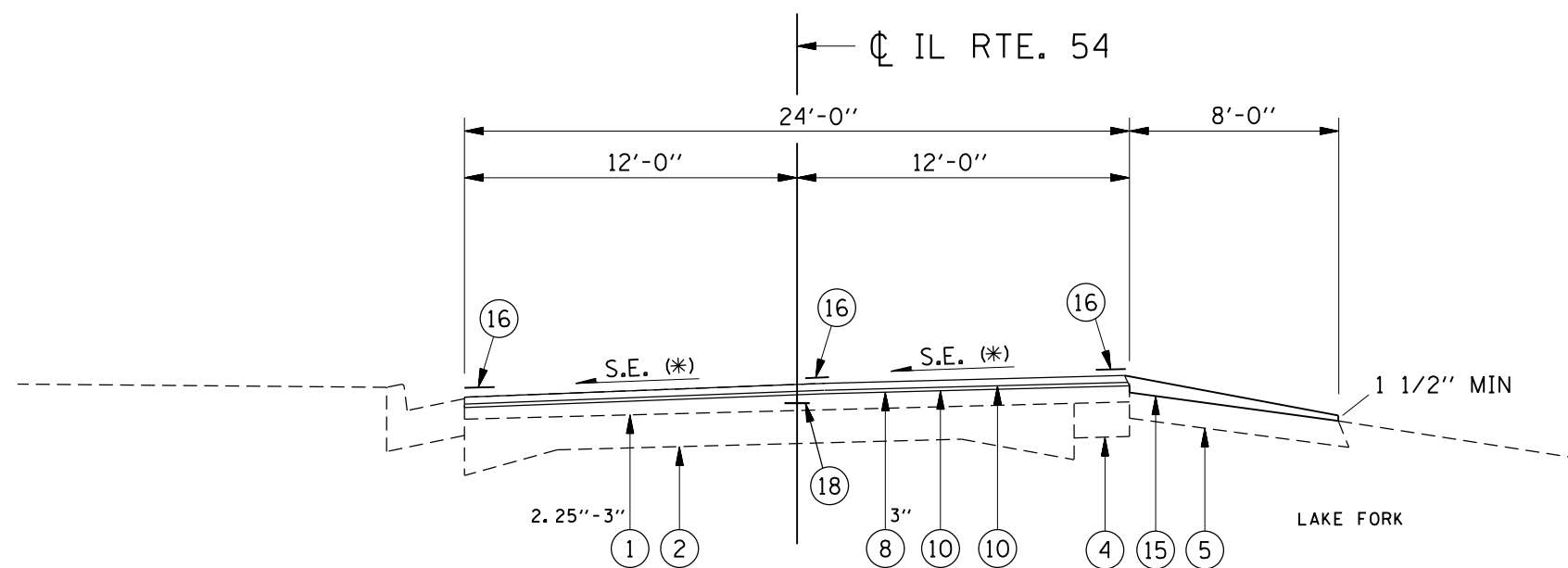
LEGEND

- ① EX HMA SURFACE COURSE
- ② EX PCC PAVEMENT (9-7-9)
- ③ EX HMA PAVEMENT
- ④ EX HMA SHOULDER, 8"
- ⑤ EX AGGREGATE SHOULDER
- ⑥ EX COMBINATION CONCRETE CURB AND GUTTER
- ⑦ PR HMA SURFACE REMOVAL, (1 1/2")
- ⑧ PR HMA SURFACE REMOVAL, (3")
- ⑨ PR HMA BINDER COURSE, (2 1/4")
- ⑩ PR POLYMERIZED HMA SURFACE COURSE, (1 1/2")
- ⑪ PR HMA SHOULDER (3")
- ⑫ PR HMA SHOULDERS, 6 1/2"
- ⑬ PR HMA SUBBASE GRAN MATERIAL, TYPE A 8"
- ⑭ PR HMA BASE COURSE, 9"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑯ PR PAVEMENT MARKING - LINE 5"
- ⑰ PR HMA SHOULDERS, (1 1/2")
- ⑱ PR LONGITUDINAL JOINT SEALANT



TYPICAL SECTION #3

STA 553+36.92 TO STA 554+66.51
 STA 559+21.19 TO STA 560+50.77



TYPICAL SECTION #4

STA 670+80.44 TO STA 672+13.24

NOTES:

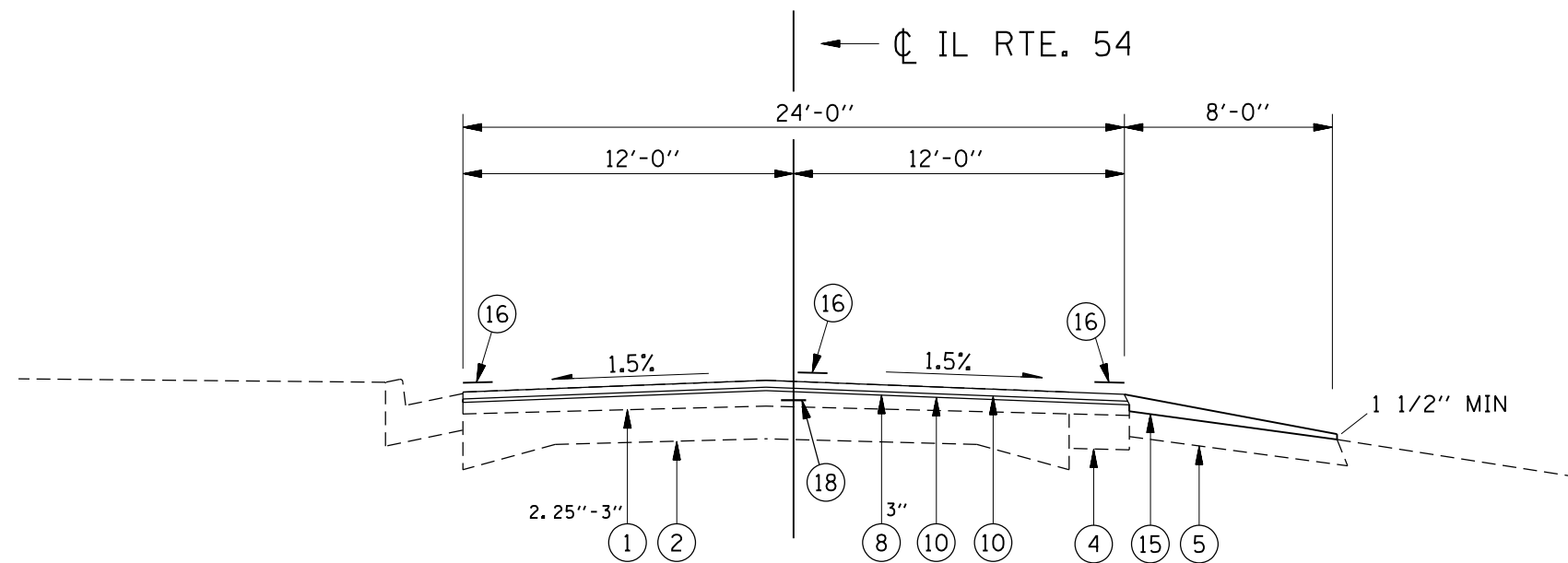
- * SEE "SUPERELEVATION TRANSITION DETAILS" FOR S.E. TABLE.
- ** HIGH SIDE
 WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%.
- *** LOW SIDE
 CROSS SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE WHEN THE SE IS GREATER THAN 4%. OTHERWISE THE CROSS SLOPE SHALL BE 4%.

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72F77												

* (2) RS-3, BJR, (10) RS-4, N

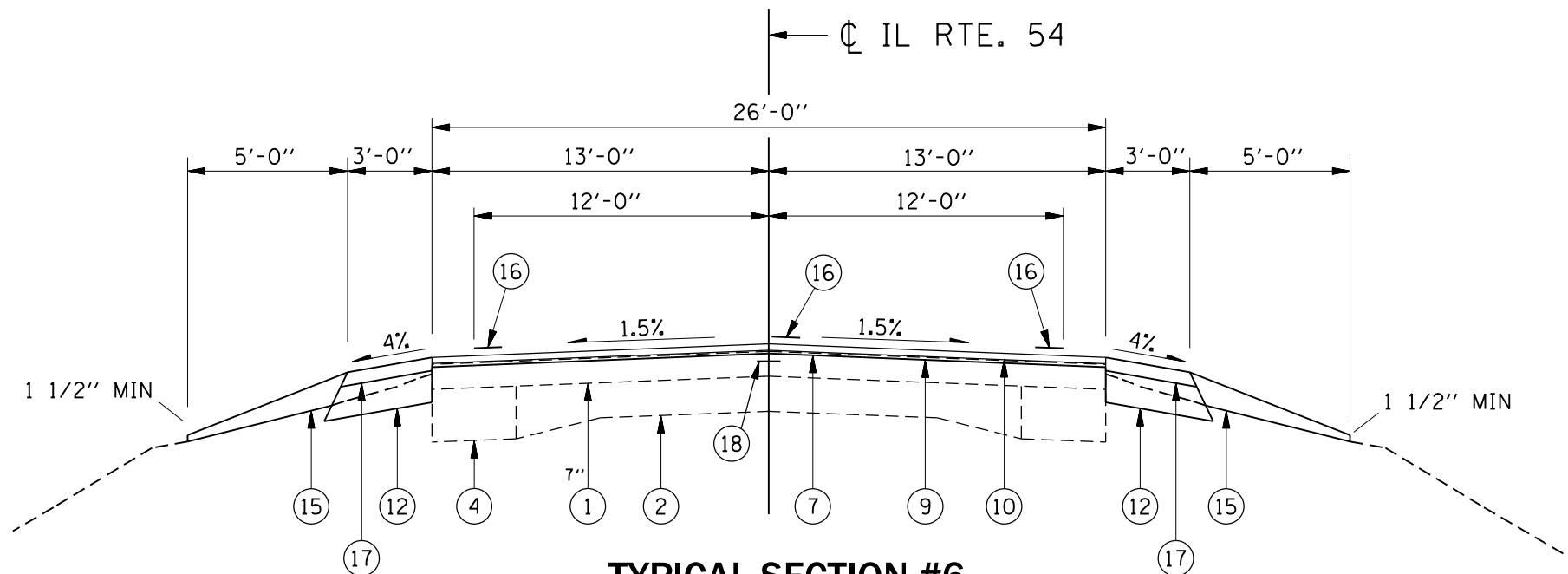
LEGEND

- ① EX HMA SURFACE COURSE
- ② EX PCC PAVEMENT (9-7-9)
- ③ EX HMA PAVEMENT
- ④ EX HMA SHOULDER, 8"
- ⑤ EX AGGREGATE SHOULDER
- ⑥ EX COMBINATION CONCRETE CURB AND GUTTER
- ⑦ PR HMA SURFACE REMOVAL, (1 1/2")
- ⑧ PR HMA SURFACE REMOVAL, (3")
- ⑨ PR HMA BINDER COURSE, (2 1/4")
- ⑩ PR POLYMERIZED HMA SURFACE COURSE, (1 1/2")
- ⑪ PR HMA SHOULDER (3")
- ⑫ PR HMA SHOULDERS, 6 1/2"
- ⑬ PR HMA SUBBASE GRAN MATERIAL, TYPE A 8"
- ⑭ PR HMA BASE COURSE, 9"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑯ PR PAVEMENT MARKING - LINE 5"
- ⑰ PR HMA SHOULDERS, (1 1/2")
- ⑱ PR LONGITUDINAL JOINT SEALANT



TYPICAL SECTION #5

STA 672+13.24 TO STA 680+92.76



TYPICAL SECTION #6

STA 862+00.00 TO STA 878+22.41
 LT STA 914+05.94 TO LT STA 917+43.01
 RT STA 914+05.94 TO RT STA 917+27.86

NOTES:

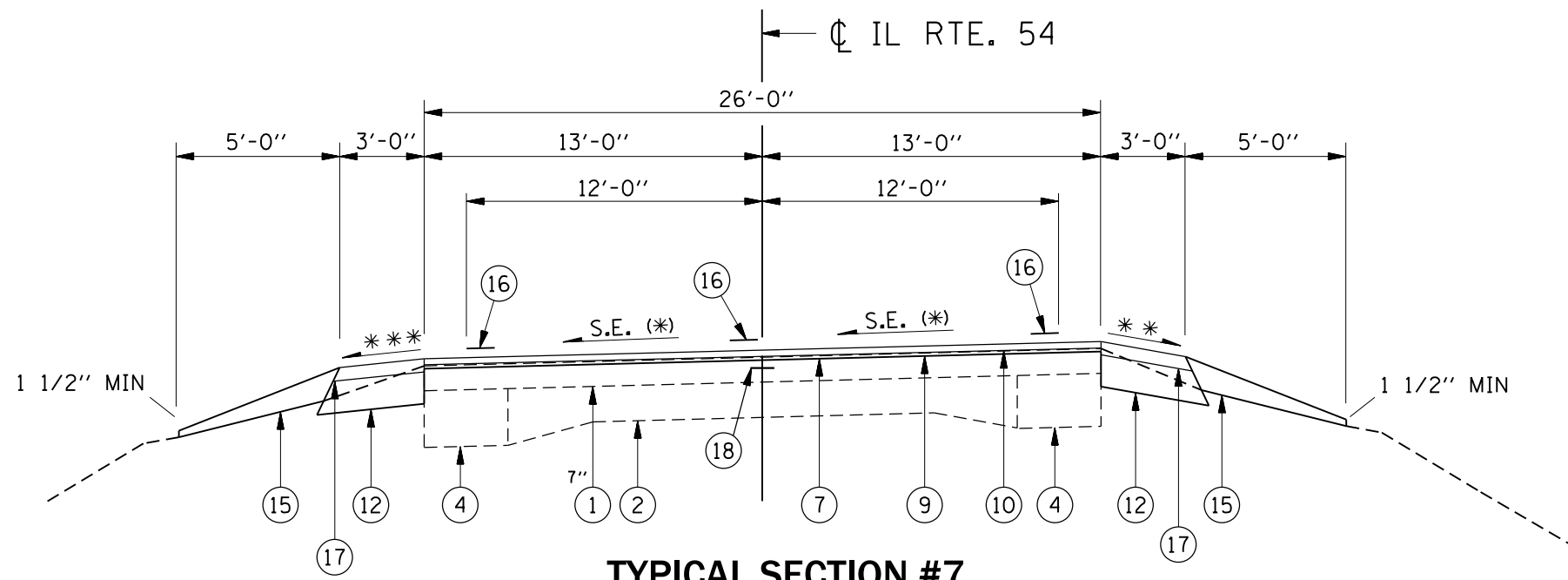
- * SEE "SUPERELEVATION TRANSITION DETAILS" FOR S.E. TABLE.
- ** HIGH SIDE
 WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%.
- *** LOW SIDE
 CROSS SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE WHEN THE SE IS GREATER THAN 4%. OTHERWISE THE CROSS SLOPE SHALL BE 4%.

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 71 (IL 54)			F.A.P. RTE. 71	SECTION *	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 23
pww\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADData\CADsets\DRAWING\77-sbt-typical.dgn								CONTRACT NO. 72F77				
PLOT SCALE = 6.4198' / in.					CHECKED -							
DATE = 12/13/2019					REVISIED -							
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT

* (2) RS-3, BJR, (10) RS-4, N

LEGEND

- ① EX HMA SURFACE COURSE
- ② EX PCC PAVEMENT (9-7-9)
- ③ EX HMA PAVEMENT
- ④ EX HMA SHOULDER, 8"
- ⑤ EX AGGREGATE SHOULDER
- ⑥ EX COMBINATION CONCRETE CURB AND GUTTER
- ⑦ PR HMA SURFACE REMOVAL, (1 1/2")
- ⑧ PR HMA SURFACE REMOVAL, (3")
- ⑨ PR HMA BINDER COURSE, (2 1/4")
- ⑩ PR POLYMERIZED HMA SURFACE COURSE, (1 1/2")
- ⑪ PR HMA SHOULDER (3")
- ⑫ PR HMA SHOULDERS, 6 1/2"
- ⑬ PR HMA SUBBASE GRAN MATERIAL, TYPE A 8"
- ⑭ PR HMA BASE COURSE, 9"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑯ PR PAVEMENT MARKING - LINE 5"
- ⑰ PR HMA SHOULDERS, (1 1/2")
- ⑱ PR LONGITUDINAL JOINT SEALANT

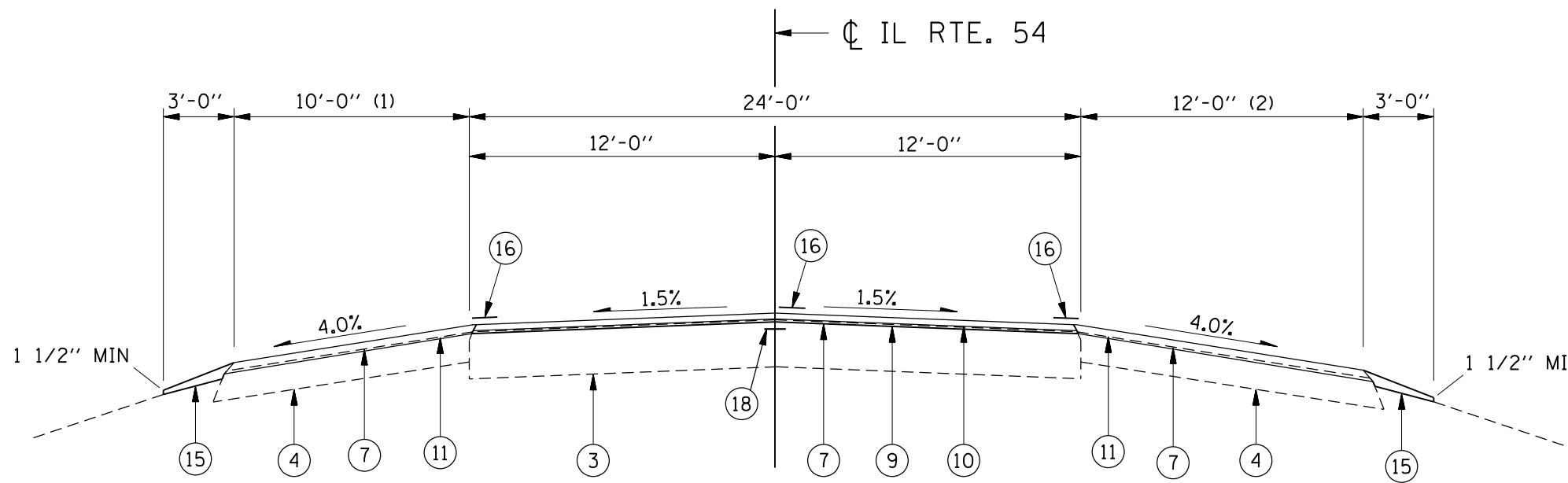


TYPICAL SECTION #7

STA 878+22.41 TO STA 913+28.70
 STA EQN: STA 913+28.70 BK = STA 913+52.58 AH
 STA 913+52.58 TO STA 914+05.94

NOTES:

- * SEE "SUPERELEVATION TRANSITION DETAILS" FOR S.E. TABLE.
- ** HIGH SIDE
 WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%.
- *** LOW SIDE
 CROSS SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE WHEN THE SE IS GREATER THAN 4%. OTHERWISE THE CROSS SLOPE SHALL BE 4%.



TYPICAL SECTION #8

LT STA 917+43.01 TO LT STA 932+86.20
 RT STA 917+27.86 TO RT STA 932+86.20

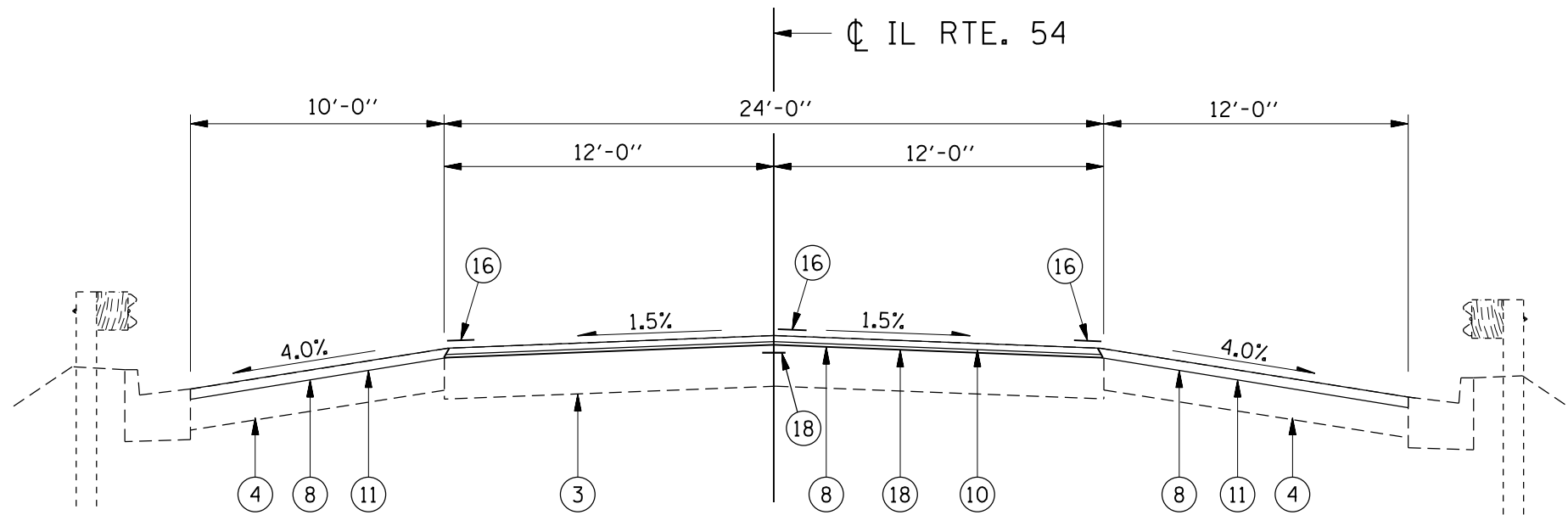
(1) VARIES 0' TO 10' FROM LT STA 917+43.01 TO LT STA 918+24.04
 (2) VARIES 0' TO 12' FROM RT STA 917+27.86 TO RT STA 917+68.75

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 71 (IL 54)			F.A.P. RTE. 71	SECTION *	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 24
pw2\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADData\CADSheet\DRAWING77-sbt-typical.dgn					CHECKED -	REVISED -	CONTRACT NO. 72F77			ILLINOIS FED. AID PROJECT		
PLOT SCALE = 6.4198' / in.					DATE -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.					
Default												

* (2) RS-3, BJR, (10) RS-4, N

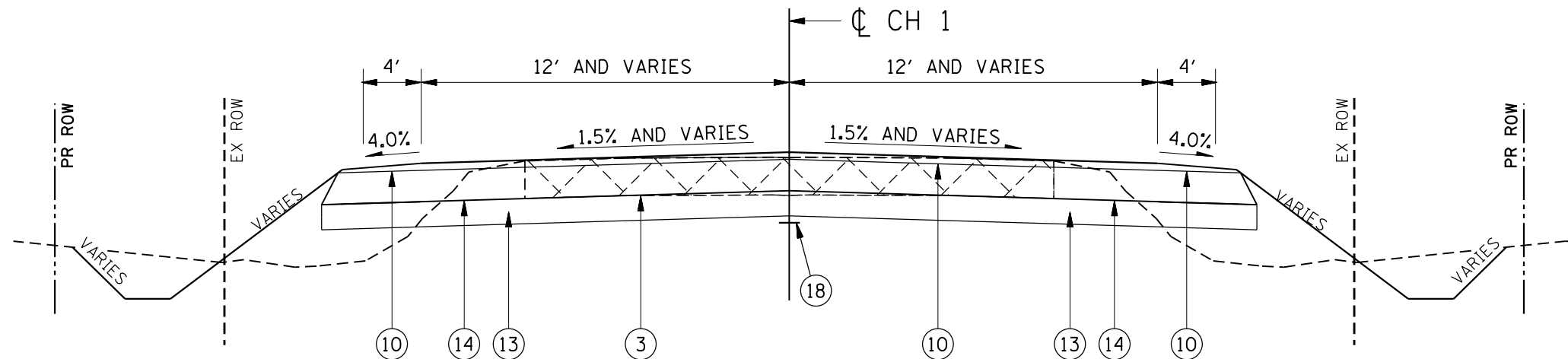
LEGEND

- ① EX HMA SURFACE COURSE
- ② EX PCC PAVEMENT (9-7-9)
- ③ EX HMA PAVEMENT
- ④ EX HMA SHOULDER, 8"
- ⑤ EX AGGREGATE SHOULDER
- ⑥ EX COMBINATION CONCRETE CURB AND GUTTER
- ⑦ PR HMA SURFACE REMOVAL, (1 1/2")
- ⑧ PR HMA SURFACE REMOVAL, (3")
- ⑨ PR HMA BINDER COURSE, (2 1/4")
- ⑩ PR POLYMERIZED HMA SURFACE COURSE, (1 1/2")
- ⑪ PR HMA SHOULDER (3")
- ⑫ PR HMA SHOULDERS, 6 1/2"
- ⑬ PR HMA SUBBASE GRAN MATERIAL, TYPE A 8"
- ⑭ PR HMA BASE COURSE, 9"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑯ PR PAVEMENT MARKING - LINE 5"
- ⑰ PR HMA SHOULDERS, (1 1/2")
- ⑱ PR LONGITUDINAL JOINT SEALANT



TYPICAL SECTION #9

STA 932+86.20 TO STA 934+30.21



TYPICAL SECTION #10

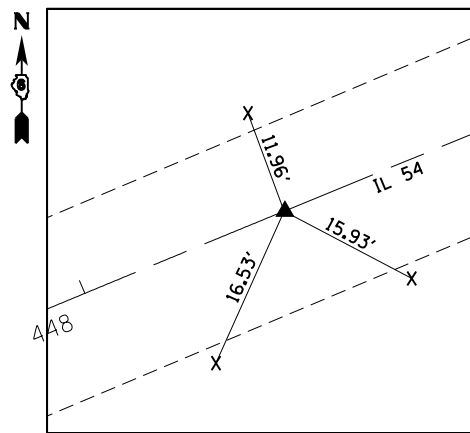
CH 1 STA 8+58.96 TO STA 9+87.26
 CH 1 STA 10+13.14 TO STA 11+33.94

NOTES:

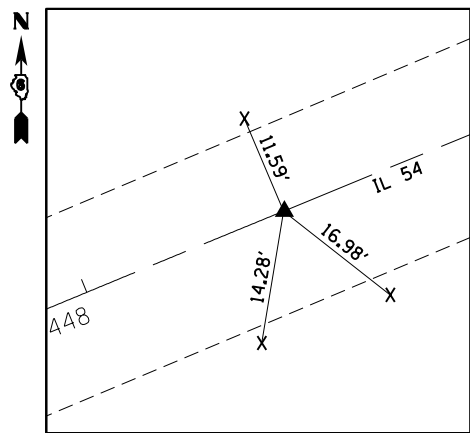
- * SEE "SUPERELEVATION TRANSITION DETAILS" FOR S.E. TABLE.
- ** HIGH SIDE
 WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%.
- *** LOW SIDE
 CROSS SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE WHEN THE SE IS GREATER THAN 4%. OTHERWISE THE CROSS SLOPE SHALL BE 4%.

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADData\CADSheet\DRAWING\77-sbt-typical.dgn								71	*	LOGAN	63	25
PLOT SCALE = 6.4198' / in.					SCALE:			CONTRACT NO. 72F77				
PLOT DATE = 12/13/2019					SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				

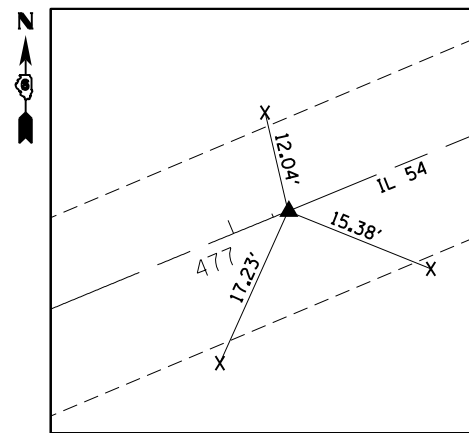
* (2) RS-3, BJR, (10) RS-4, N



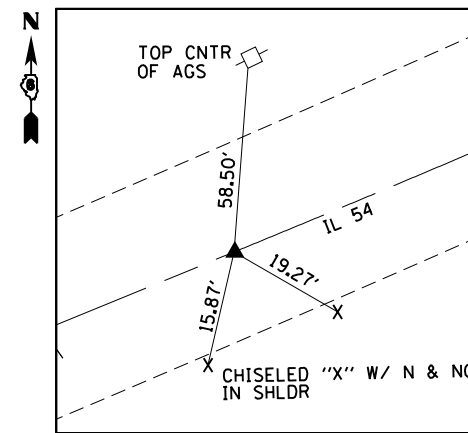
P.C. STA 446+50.85
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



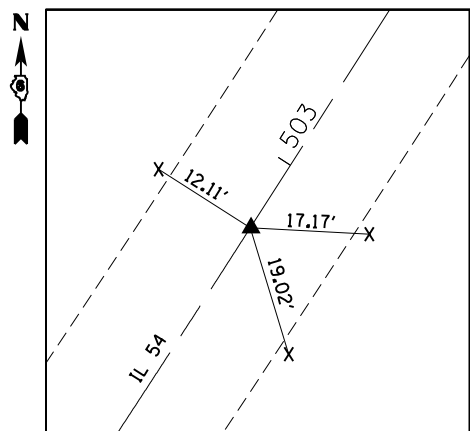
P.O.T. STA 448+75.97
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



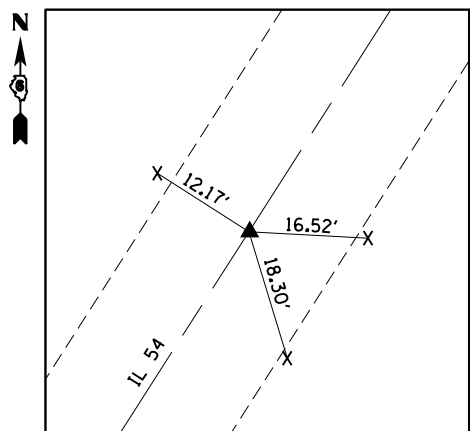
P.O.T. STA 477+08.29
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



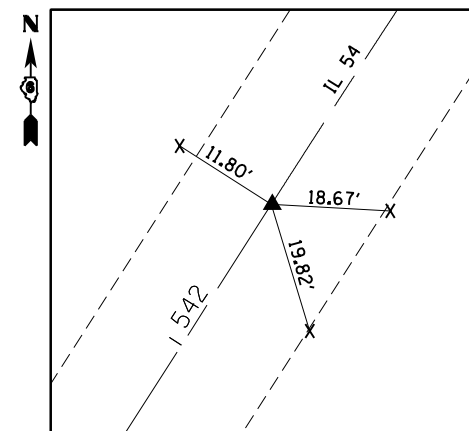
P.C. STA 485+35.49
 PK W/ CHISELED "X"



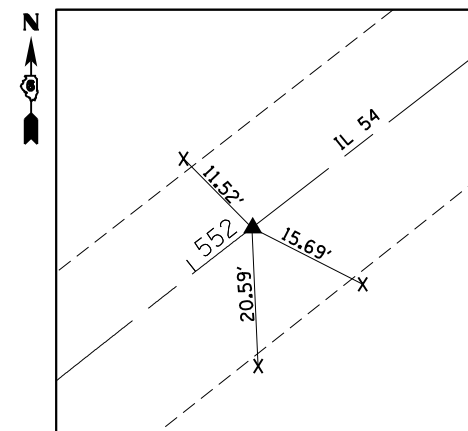
P.T. STA 502+89.68
 PK NAIL W/ CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



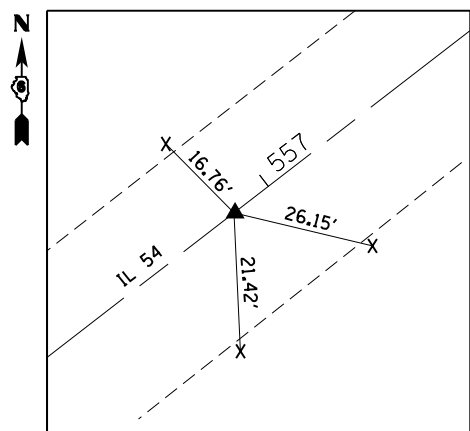
P.O.T. STA 522+50.00
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 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



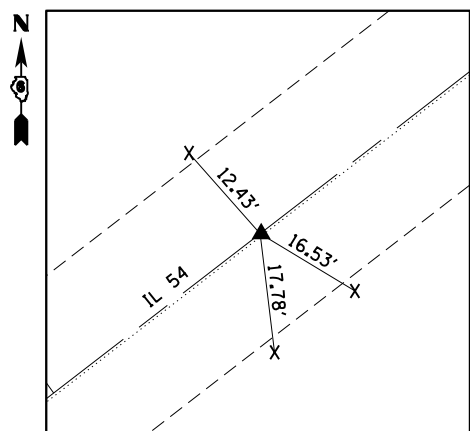
P.C. STA 542+23.18
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



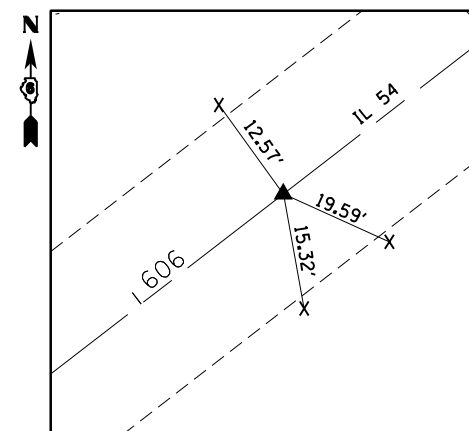
P.T. STA 552+09.90
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



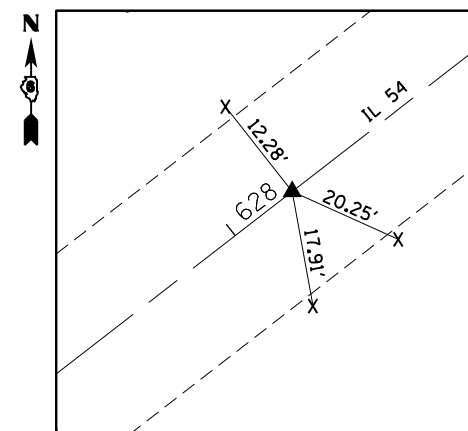
P.O.T. STA 556+94
 STAR DRILL W CHISELED "X"
 ALL TIES CHISELED "X" ON
 TOP OF PARAPIT WALL



P.O.T. STA 584+49.40
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR

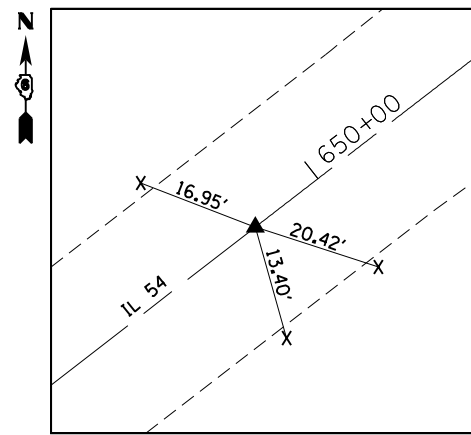


P.O.T. STA 606+25.00
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 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR

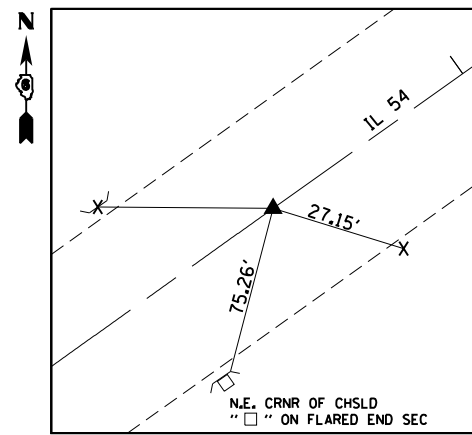


P.O.T. STA 628+10.00
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR

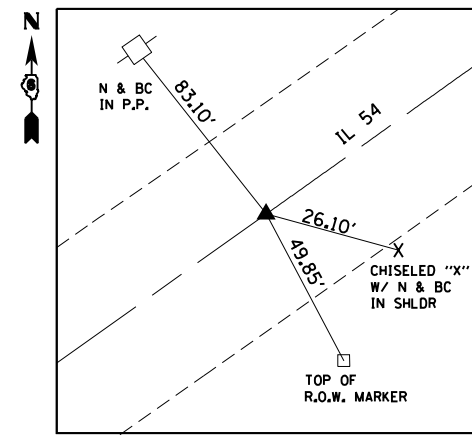
FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS TIES FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADData\CADSheet\DRAWN 77-sh\TAB.dgn		REVISED -	REVISED -					71	*	LOGAN	63	26
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -					CONTRACT NO. 72F77				
Default	DATE -	REVISED -	REVISED -					ILLINOIS	FED. AID PROJECT			



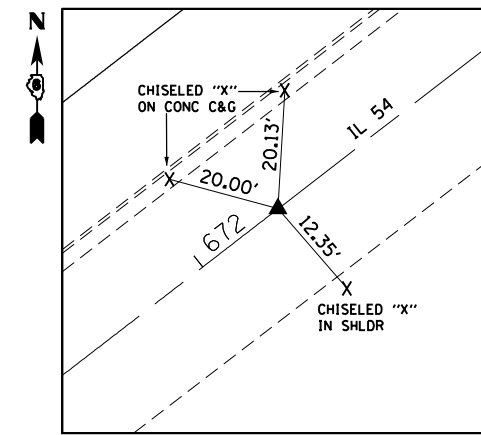
P.C. STA 649+89.00
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



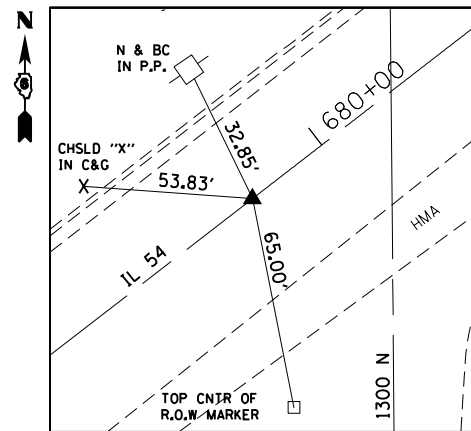
P.T. STA 659+67.67
 PK NAIL W CHISELED "X"
 N.E. CRNR OF CHSLD
 "X" ON FLARED END SEC



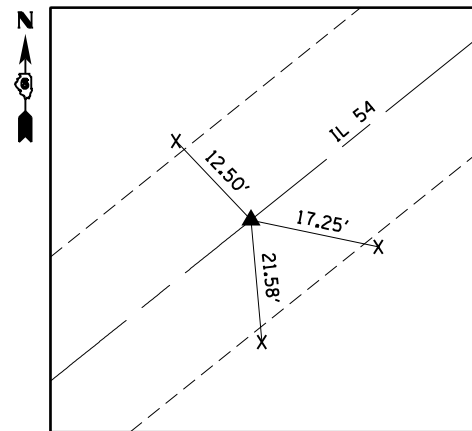
P.C. STA 662+34.57
 PK NAIL W CHISELED "X"



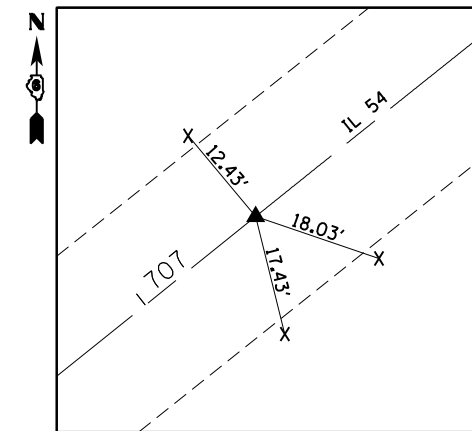
PT: 672+13.24
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



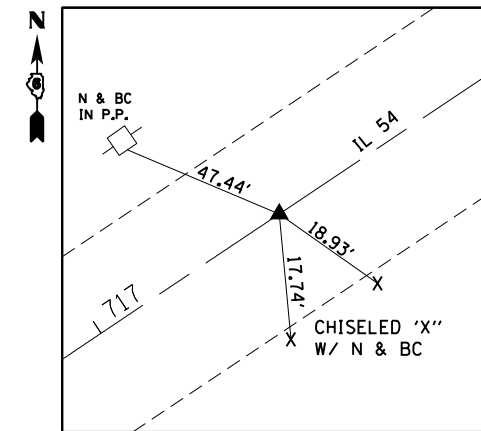
P.C. STA 679+87.84
 PK NAIL W/ CHISELED "X"



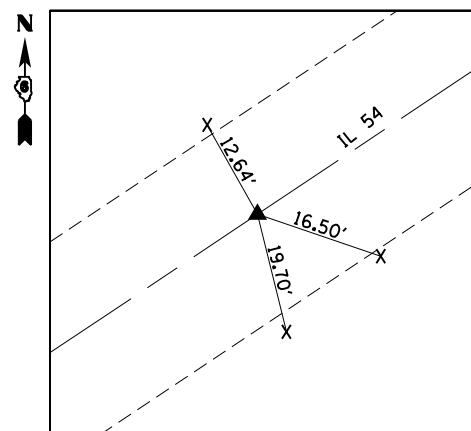
P.T. STA 690+37.81
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



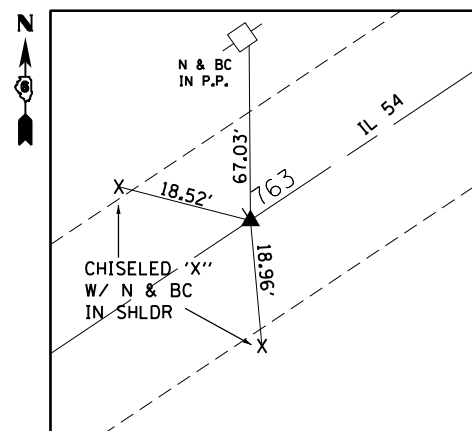
P.C. STA 707+19.66
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



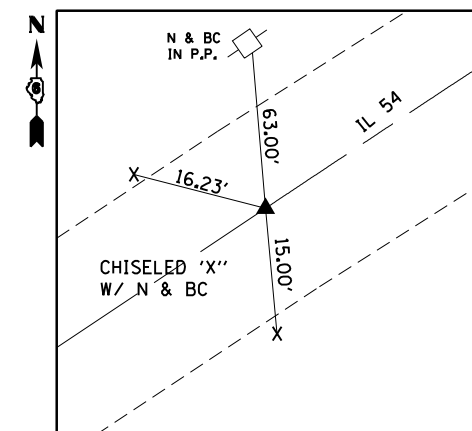
P.T. STA 717+29.80
 PK NAIL W CHISELED "X"



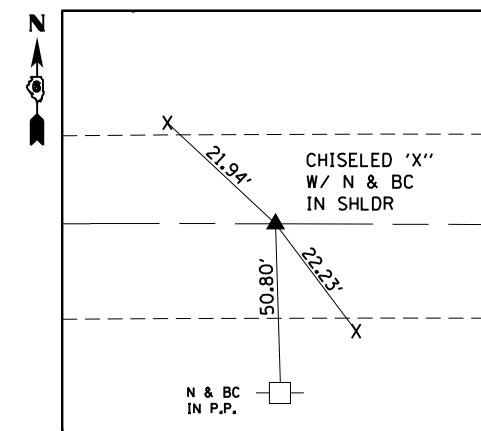
P.O.T. STA 740+50.00
 PK NAIL W CHISELED "X"
 ALL TIES N & BC W/
 CHISELED "X" IN SHLDR



P.O.T. STA 763+00.00
 PK NAIL W CHISELED "X"

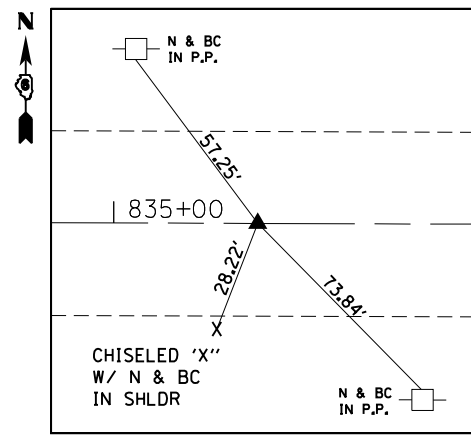


P.C. STA 786+52.14
 PK NAIL W CHISELED "X"

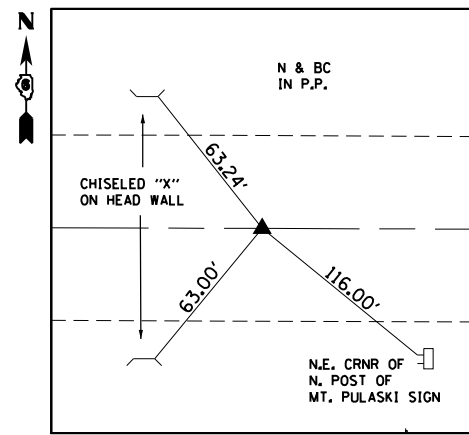


P.T. STA 813+69.87
 PK NAIL W CHISELED "X"

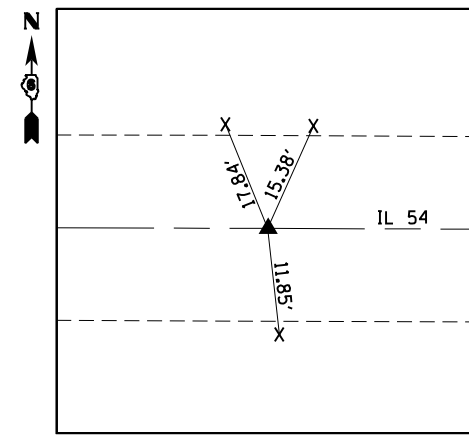
FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS TIES FAP 71 (IL 54)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pwz\planroom\dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADData\CADSheet\DRAWN 77-sh\ATB.dgn		REVISED -	REVISED -			71	*	LOGAN	63	27	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 72F77					
Default	DATE -	REVISED -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO



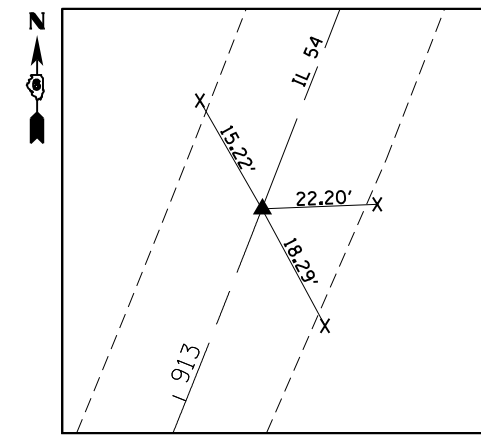
P.O.T. STA 835+20.00
PK NAIL W CHISELED "X"



P.O.T. STA 856+70.00
PK NAIL W CHISELED "X"



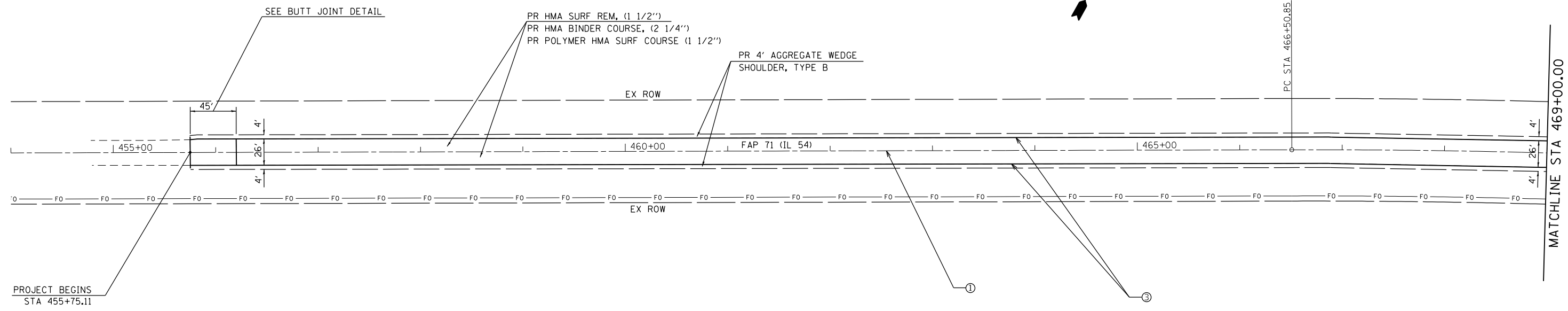
P.C. STA 878+22.41
PK NAIL W CHISELED "X"
ALL TIES N & BC W/
CHISELED "X" IN SHLDR



PT: 913+28.70
PK NAIL W CHISELED "X"
ALL TIES N & BC W/
CHISELED "X" IN SHLDR

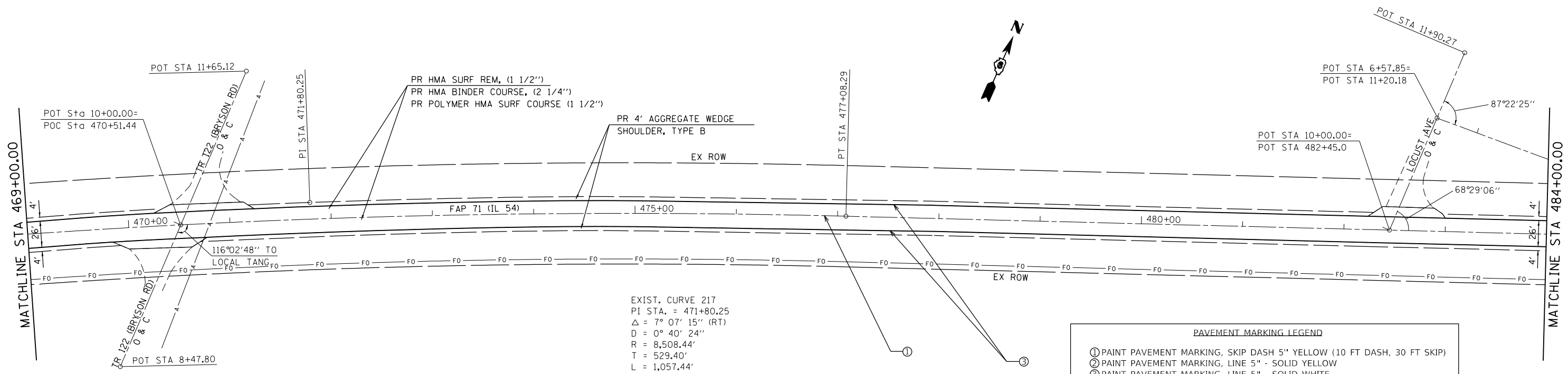
- BM TB-139: 60 D NAIL IN POWER POLE ON SOUTH SIDE OF IL 54 +/- 0.71 MILES EAST OF 1500 AVE.
NAVD 88' = 612.032
- BM TB-140: CHISELED "□" IN CENTER OF HEAD WALL OF BOX CULVERT LOCATED IN THE S.W. CORNER OF IL 54 & 1600 AVE.
NAVD 88' = 619.686 STA 859+61.9 RT 39.0
- BM TB 141: CHISELED "□" IN CORNER OF ELECTRIC BOX BASE LOCATED ON THE WEST SIDE OF 1600 AVE. BY TOWER NORTH OF IL 54.
NAVD 88' = 614.399

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS TIES FAP 71 (IL 54)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot.illinois.gov:PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADData\CADSheet\77-sh\ATB.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -				71	*	LOGAN	63	28
Default	PLOT DATE = 12/13/2019	DATE -	REVISED -				CONTRACT NO. 72F77			ILLINOIS FED. AID PROJECT	
							SCALE:	SHEET OF SHEETS	STA. TO STA.		



PROJECT BEGINS
STA 455+75.11

MATCHLINE STA 469+00.00



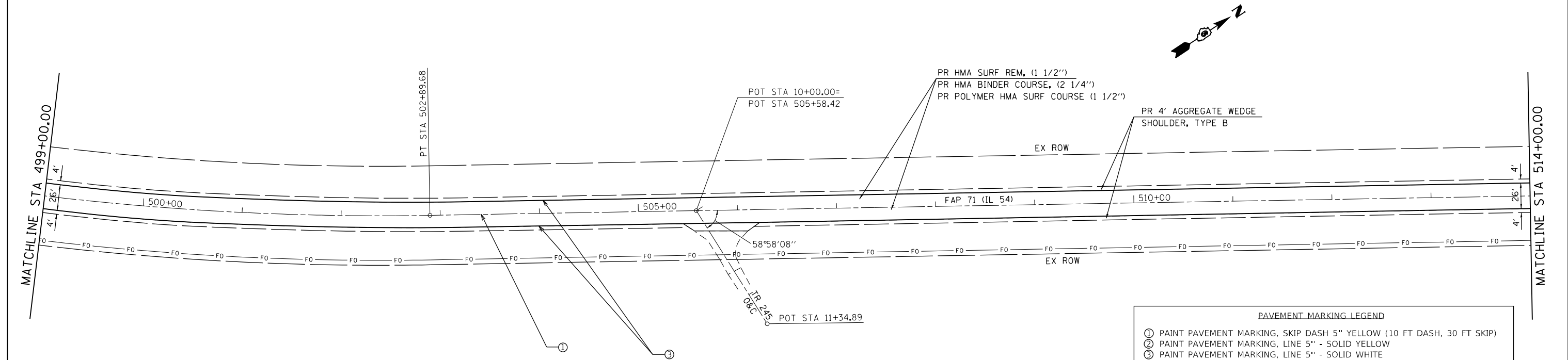
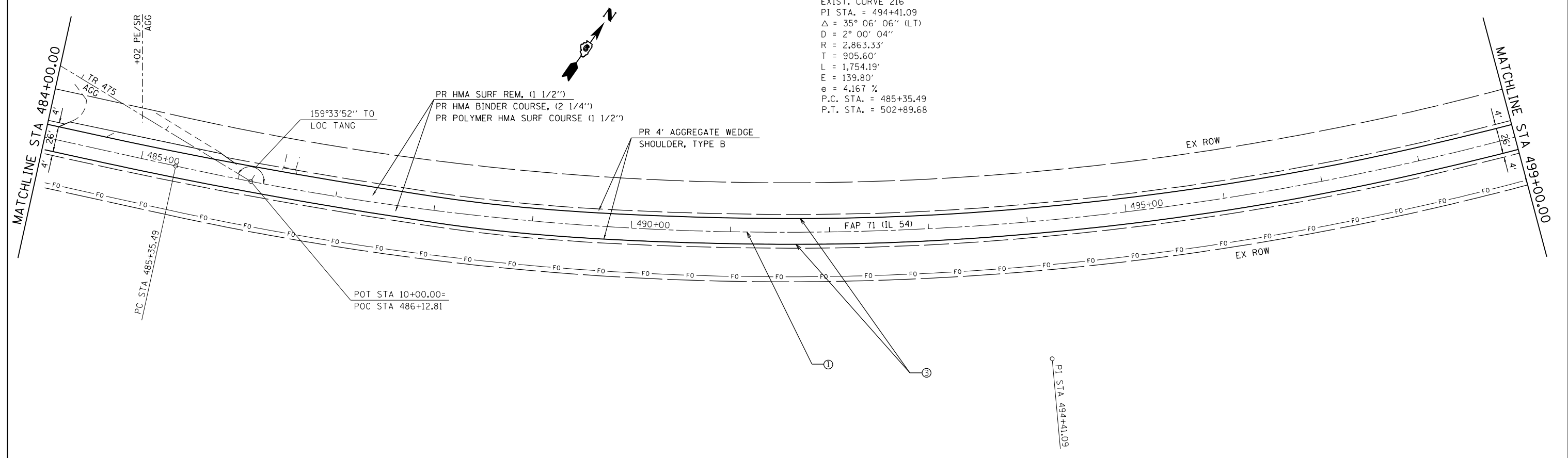
EXIST. CURVE 217
 PI STA. = 471+80.25
 $\Delta = 7^\circ 07' 15''$ (RT)
 $D = 0^\circ 40' 24''$
 $R = 8,508.44'$
 $T = 529.40'$
 $L = 1,057.44'$
 $E = 16.45'$
 $e = N.C.$
 P.C. STA. = 466+50.85
 P.T. STA. = 477+08.29

PAVEMENT MARKING LEGEND	
①	PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
②	PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
③	PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

SEE ENTRANCE DETAIL AND
SCHEDULES FOR ADDITIONAL
INFORMATION

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 71 (IL 54)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN 77 - PLAN.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			71	*	LOGAN	63	29
Default	PLOT DATE = 12/13/2019	DATE -	REVISED -			CONTRACT NO. 72F77			ILLINOIS FED. AID PROJECT	
						SCALE: 1" = 50'	SHEET OF SHEETS	STA. TO STA.	* (2) RS-3, BJR, (10) RS-4, N	

EXIST. CURVE 216
 P.I. STA. = 494+41.09
 $\Delta = 35^\circ 06' 06''$ (LT)
 $D = 2^\circ 00' 04''$
 $R = 2,863.33'$
 $T = 905.60'$
 $L = 1,754.19'$
 $E = 139.80'$
 $e = 4.167\%$
 P.C. STA. = 485+35.49
 P.T. STA. = 502+89.68



PAVEMENT MARKING LEGEND

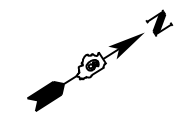
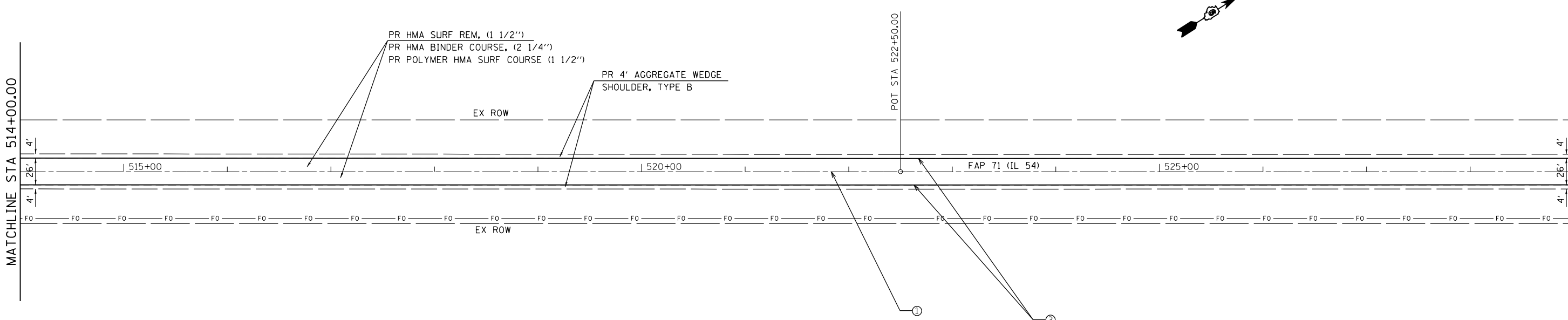
- ① PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
- ② PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
- ③ PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	DOT Offices\District 6\Projects\D672F77\CADDData\CAD\$DWG\77 - PLAN.dgn	CHECKED -	REVISED -					71	*	LOGAN	63	30
	PLOT SCALE = 100.0000 ' / in.	DATE -	REVISED -		CONTRACT NO. 72F77			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/13/2019				SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.	* (2) RS-3, BJR, (10) RS-4, N

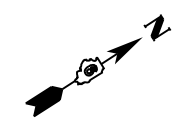
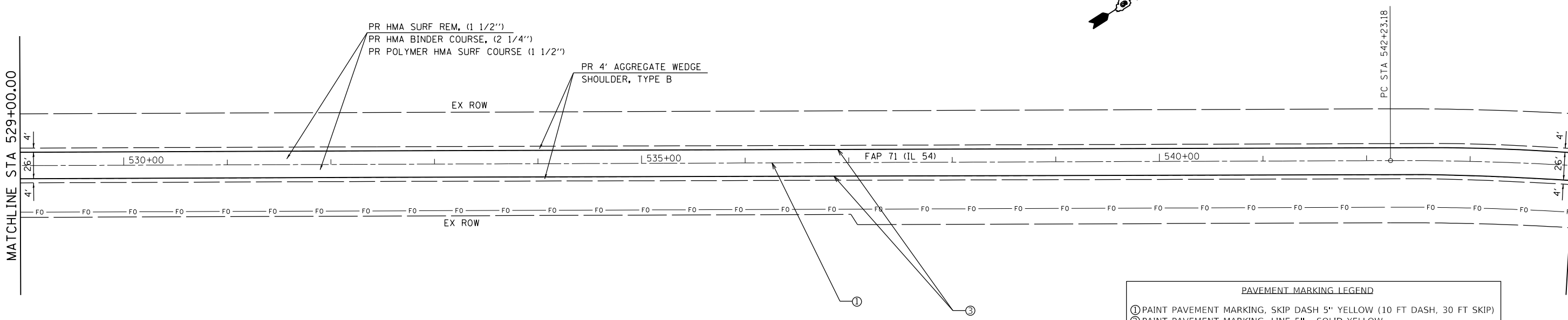
MATCHLINE STA 514+00.00

MATCHLINE STA 529+00.00



MATCHLINE STA 529+00.00

MATCHLINE STA 544+00.00



PAVEMENT MARKING LEGEND

- ① PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
- ② PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
- ③ PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -
pwz\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN 77 - PLAN.dgn		CHECKED -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	DATE -	REVISED -
Default	PLOT DATE = 12/13/2019		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

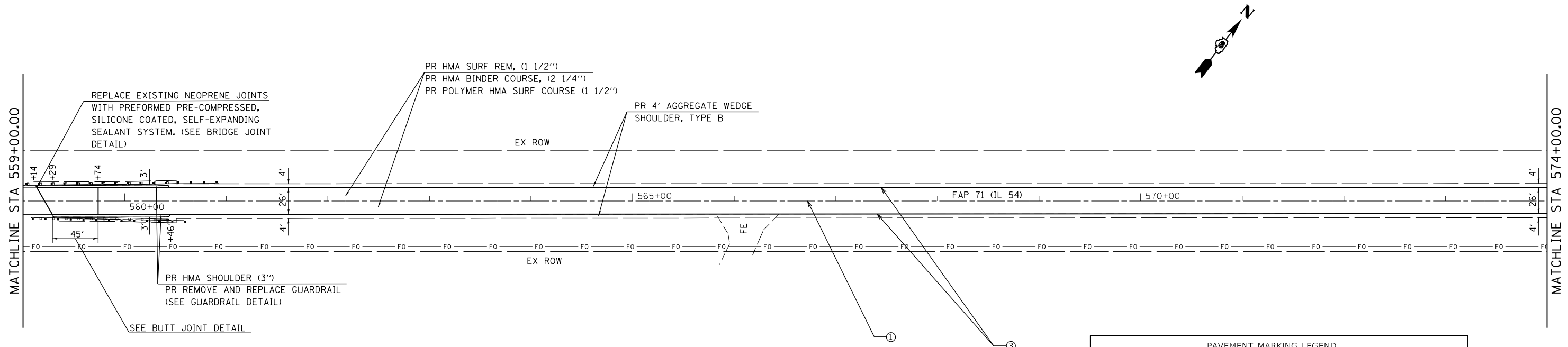
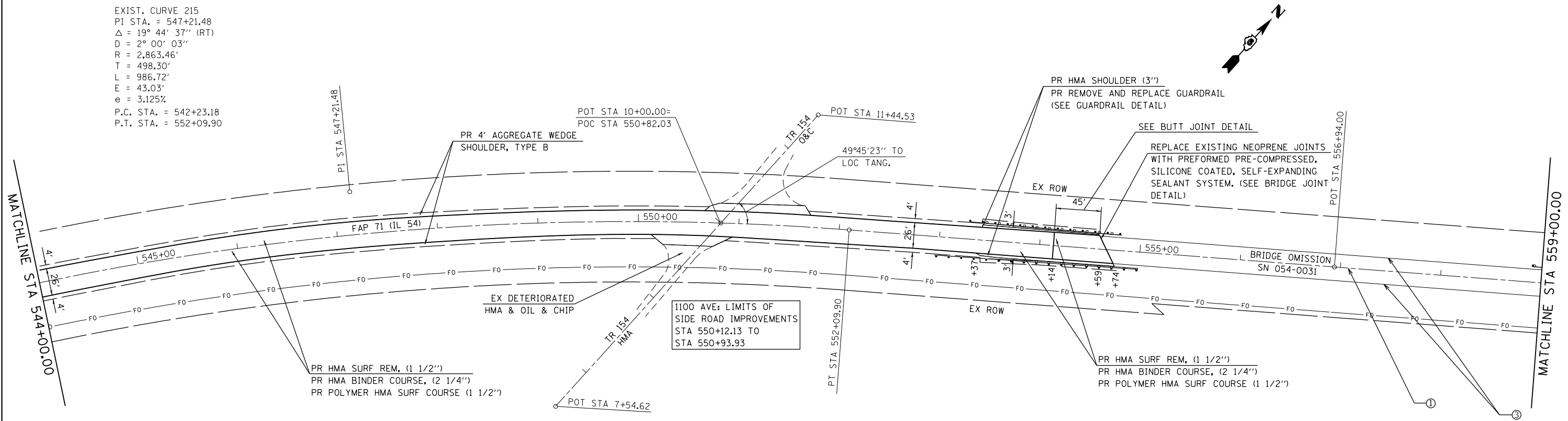
**PLAN SHEET
FAP 71 (IL 54)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	*	LOGAN	63	31
CONTRACT NO. 72F77			ILLINOIS FED. AID PROJECT	

* (2) RS-3, BJR, (10) RS-4, N

EXIST. CURVE 215
 PI STA. = 547+21.48
 $\Delta = 19^\circ 44' 37''$ (RT)
 $D = 2^\circ 00' 03''$
 $R = 2,863.46'$
 $T = 498.30'$
 $L = 986.72'$
 $E = 43.03'$
 $e = 3.125'$
 P.C. STA. = 542+23.18
 P.T. STA. = 552+09.90



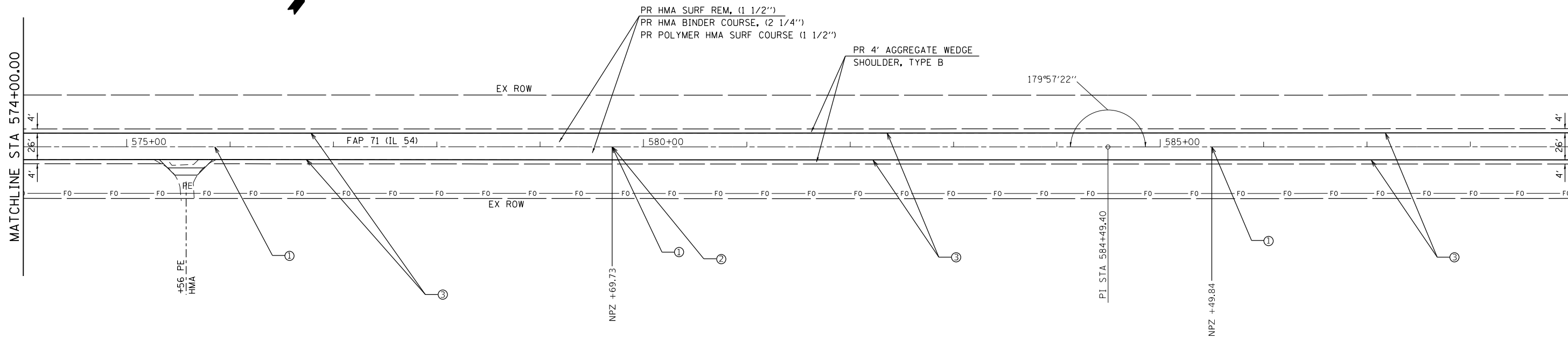
SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

PAVEMENT MARKING LEGEND			
①	PAIN	PAVEMENT MARKING, SKIP DASH 5' YELLOW (10 FT DASH, 30 FT SKIP)	
②	PAIN	PAVEMENT MARKING, LINE 5" - SOLID YELLOW	
③	PAIN	PAVEMENT MARKING, LINE 5" - SOLID WHITE	
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"		

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom\dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN 77 - PLAN.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					71	*	LOGAN	63	32
Default	PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: 1" = 50'			SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
											* (2) RS-3, BJR, (10) RS-4, N	

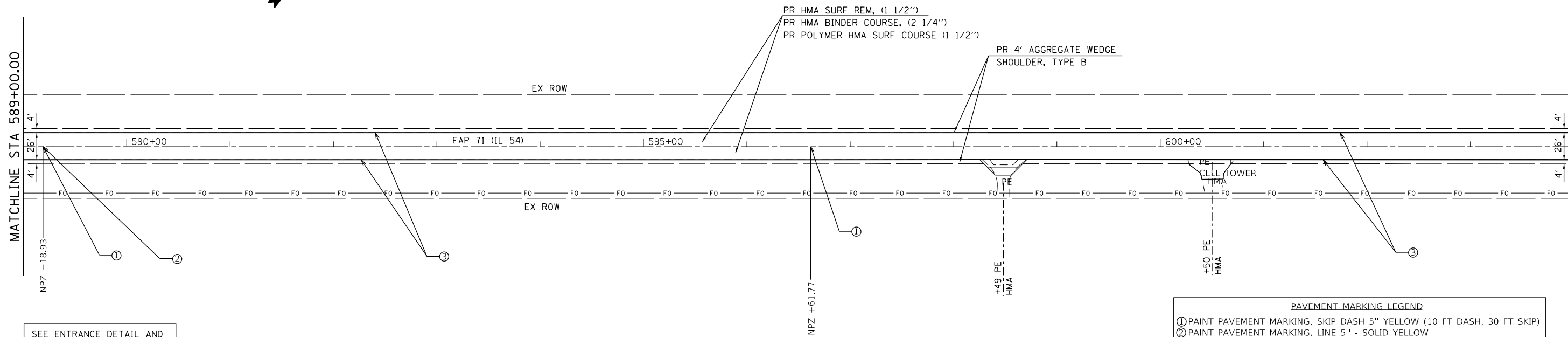
MATCHLINE STA 574+00.00

MATCHLINE STA 589+00.00



MATCHLINE STA 589+00.00

MATCHLINE STA 604+00.00



SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

PAVEMENT MARKING LEGEND			
①	PAIN	PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)	
②	PAIN	PAVEMENT MARKING, LINE 5" - SOLID YELLOW	
③	PAIN	PAVEMENT MARKING, LINE 5" - SOLID WHITE	
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"		

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -
pwz\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN 77 - PLAN.dgn		CHECKED -	REVISED -
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	PLOT DATE = 12/13/2019		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

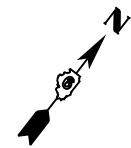
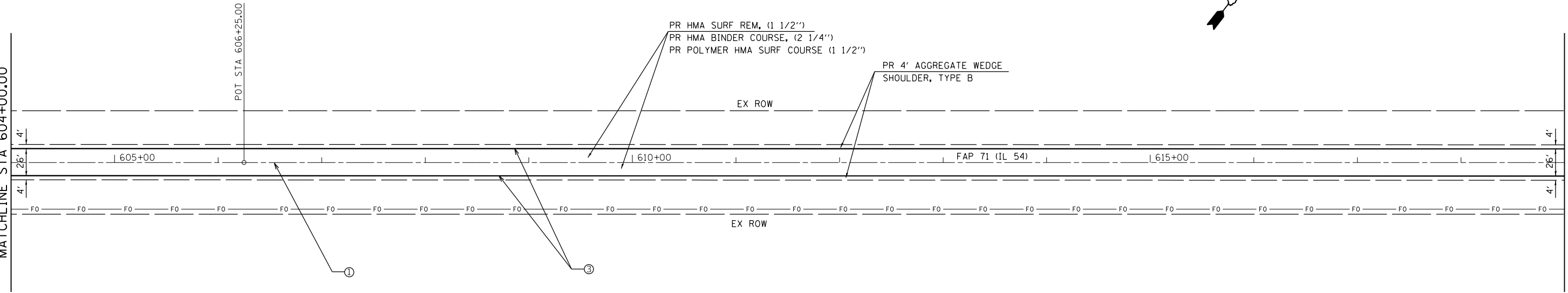
PLAN SHEET FAP 71 (IL 54)			
SCALE: 1" = 50'	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	*	LOGAN	63	33
CONTRACT NO. 72F77				
ILLINOIS FED. AID PROJECT				

* (2) RS-3, BJR, (10) RS-4, N

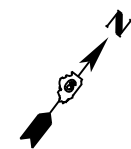
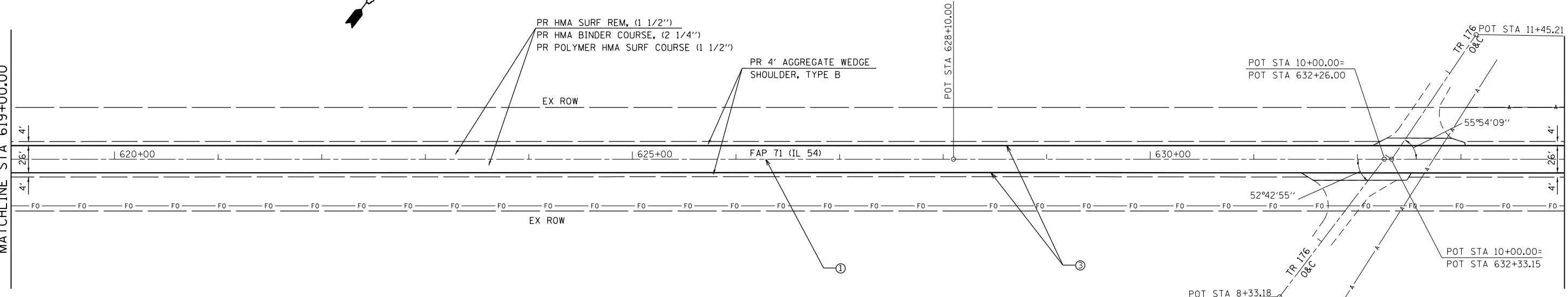
MATCHLINE STA 604+00.00

MATCHLINE STA 619+00.00



MATCHLINE STA 619+00.00

MATCHLINE STA 634+00.00



SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

PAVEMENT MARKING LEGEND	
①	PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
②	PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
③	PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
④	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -
pwz\planroom\dot_illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN 77 - PLAN.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 12/13/2019	DATE -	REVISED -

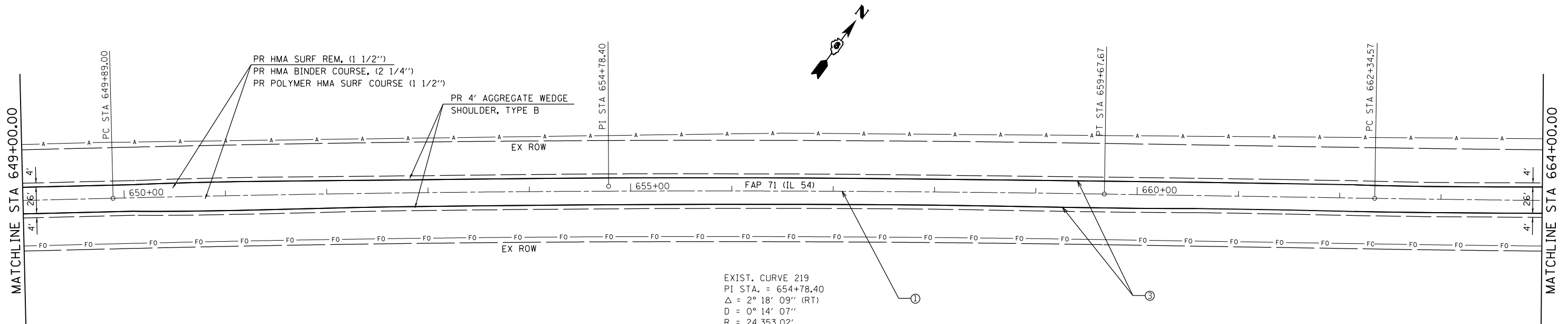
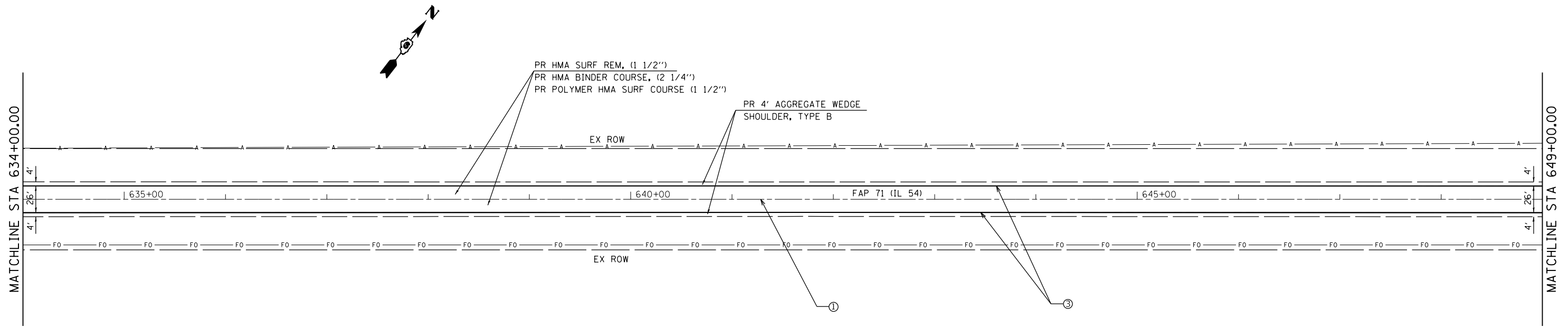
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
FAP 71 (IL 54)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	*	LOGAN	63	34
CONTRACT NO. 72F77				
ILLINOIS FED. AID PROJECT				

* (2) RS-3, BJR, (10) RS-4, N



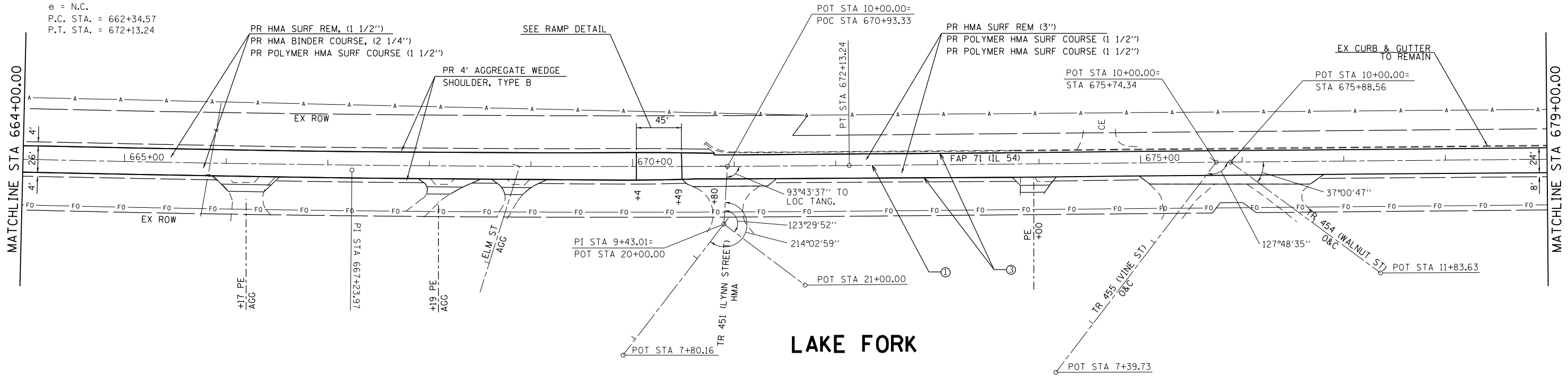
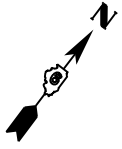
EXIST. CURVE 219
 PI STA. = 654+78.40
 Δ = 2° 18' 09" (RT)
 D = 0° 14' 07"
 R = 24,353.02'
 T = 489.40'
 L = 978.67'
 E = 4.92'
 e = N.C.
 P.C. STA. = 649+89.00
 P.T. STA. = 659+67.67

PAVEMENT MARKING LEGEND	
①	PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
②	PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
③	PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

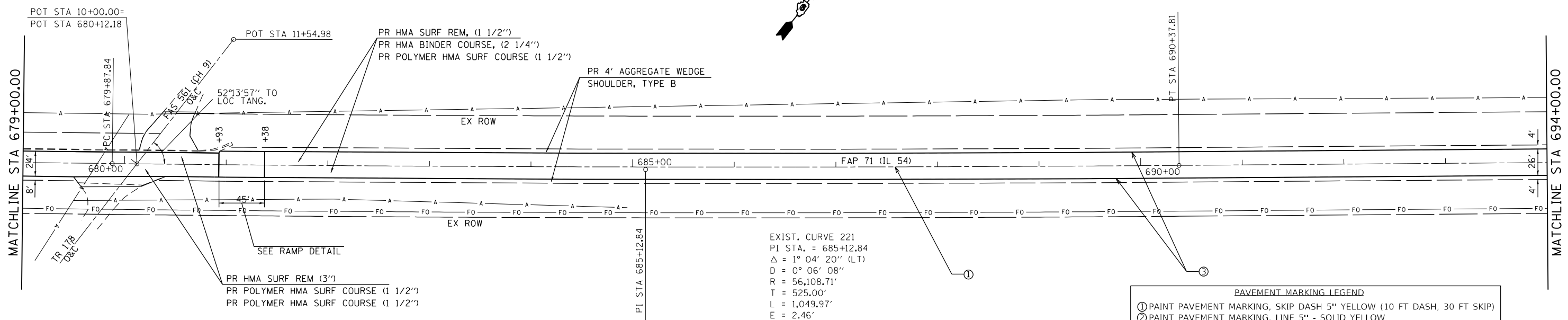
SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN 77 - PLAN.dgn	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					71	*	LOGAN	63	35
Default	PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: 1" = 50'			SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
								* (2) RS-3, BJR, (10) RS-4, N				

EXIST. CURVE 220
 PI STA. = 667+23.97
 $\Delta = 2^\circ 17' 57''$ (LT)
 $D = 0^\circ 14' 06''$
 $R = 24,388.29'$
 $T = 489.40'$
 $L = 978.67'$
 $E = 4.91'$
 $e = \text{N.C.}$
 P.C. STA. = 662+34.57
 P.T. STA. = 672+13.24



LAKE FORK



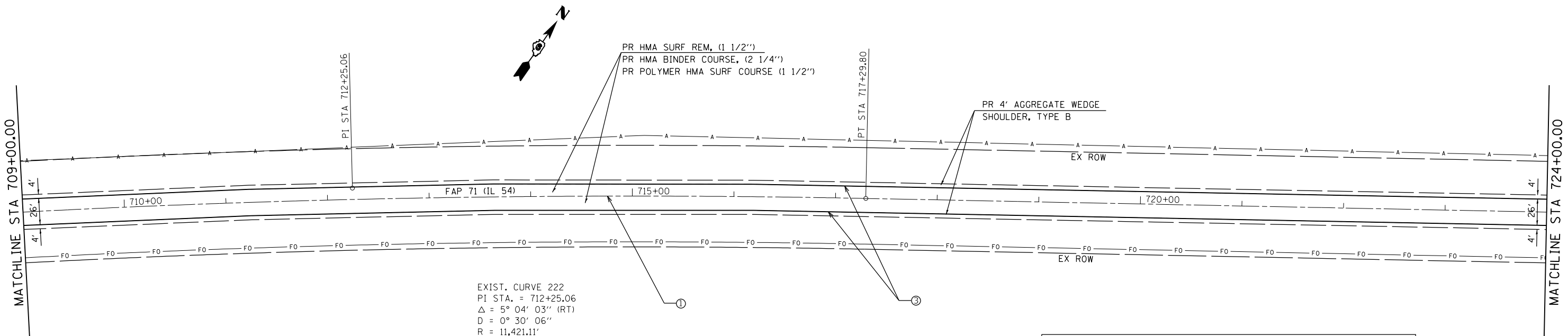
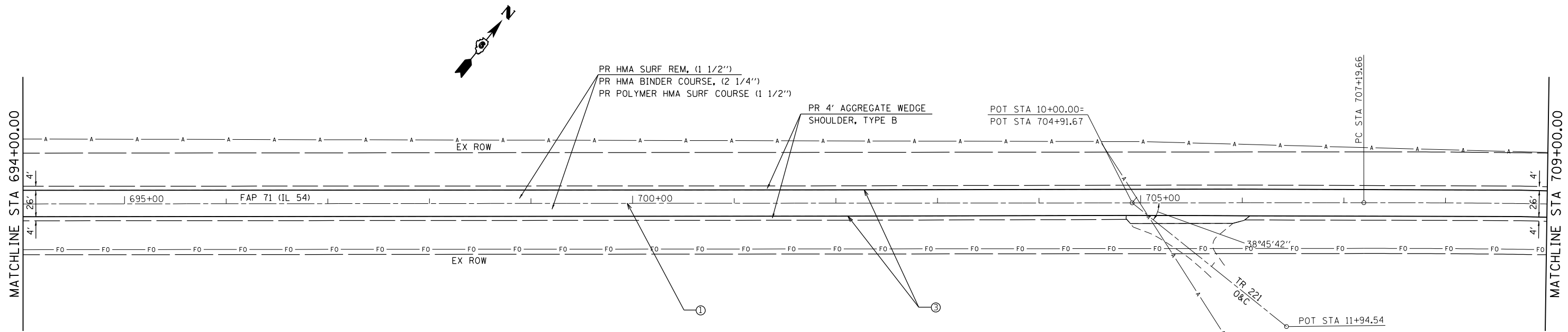
EXIST. CURVE 221
 PI STA. = 685+12.84
 $\Delta = 1^\circ 04' 20''$ (LT)
 $D = 0^\circ 06' 08''$
 $R = 56,108.71'$
 $T = 525.00'$
 $L = 1,049.97'$
 $E = 2.46'$
 $e = \text{N.C.}$
 P.C. STA. = 679+87.84
 P.T. STA. = 690+37.81

PAVEMENT MARKING LEGEND			
①	PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)		
②	PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW		
③	PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE		
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"		

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 71 (IL 54)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pwz\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN77 - PLAN.dgn		CHECKED -	REVISED -			71	*	LOGAN	63	36	
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 72F77					
PLOT DATE = 12/13/2019						ILLINOIS FED. AID PROJECT					

(2) RS-3, BJR, (10) RS-4, N



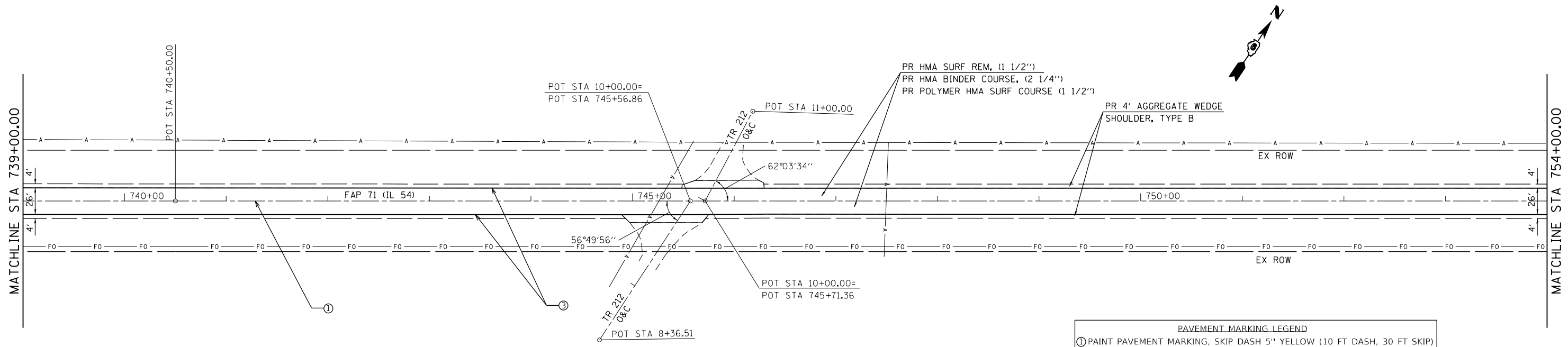
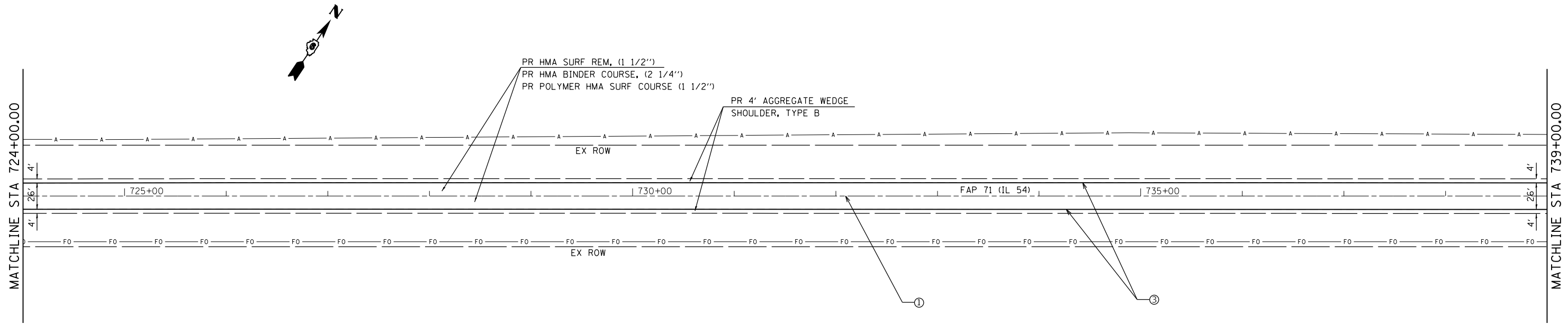
EXIST. CURVE 222
 PI STA. = 712+25.06
 $\Delta = 5^\circ 04' 03''$ (RT)
 D = $0^\circ 30' 06''$
 R = 11,421.11'
 T = 505.40'
 L = 1,010.14'
 E = 11.18'
 e = N.C.
 P.C. STA. = 707+19.66
 P.T. STA. = 717+29.80

PAVEMENT MARKING LEGEND	
①	PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
②	PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
③	PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN\77 - PLAN.dgn		CHECKED -	REVISED -		71	*	LOGAN	63	37			
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		CONTRACT NO. 72F77			ILLINOIS	FED. AID PROJECT			
Default	PLOT DATE = 12/13/2019				SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.	

* (2) RS-3, BJR, (10) RS-4, N



SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

PAVEMENT MARKING LEGEND			
①	PAIN	PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)	
②	PAIN	PAVEMENT MARKING, LINE 5" - SOLID YELLOW	
③	PAIN	PAVEMENT MARKING, LINE 5" - SOLID WHITE	
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"		

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom\dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADData\CADSheet\DRAWN 77 - PLAN.dgn	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					71	*	LOGAN	63	38
Default	PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: 1" = 50'			SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
* (2) RS-3, BJR, (10) RS-4, N												

MATCHLINE STA 754+00.00

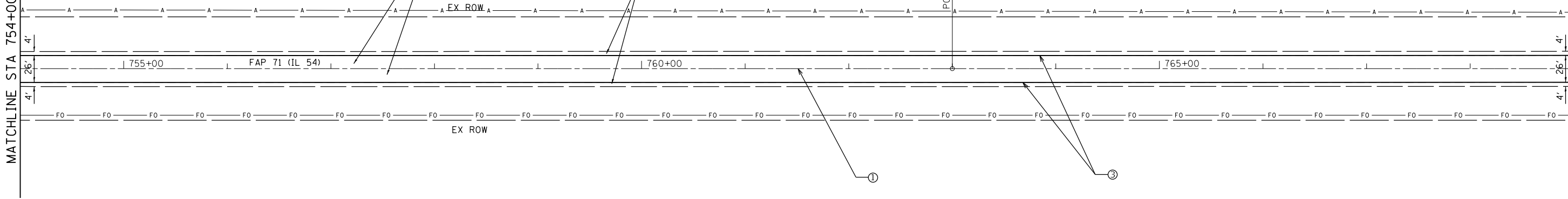
MATCHLINE STA 769+00.00



PR HMA SURF REM, (1 1/2")
PR HMA BINDER COURSE, (2 1/4")
PR POLYMER HMA SURF COURSE (1 1/2")

PR 4' AGGREGATE WEDGE
SHOULDER, TYPE B

POT. STA. 763+00.00



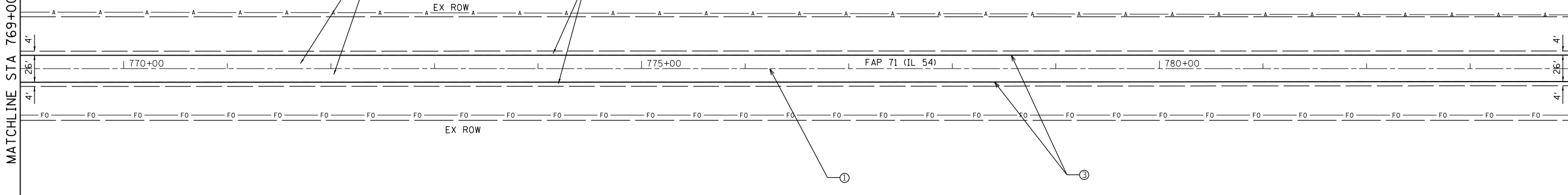
MATCHLINE STA 769+00.00

MATCHLINE STA 784+00.00



PR HMA SURF REM, (1 1/2")
PR HMA BINDER COURSE, (2 1/4")
PR POLYMER HMA SURF COURSE (1 1/2")

PR 4' AGGREGATE WEDGE
SHOULDER, TYPE B



SEE ENTRANCE DETAIL AND
SCHEDULES FOR ADDITIONAL
INFORMATION

PAVEMENT MARKING LEGEND	
①	PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
②	PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
③	PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -
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Default	PLOT DATE = 12/13/2019		

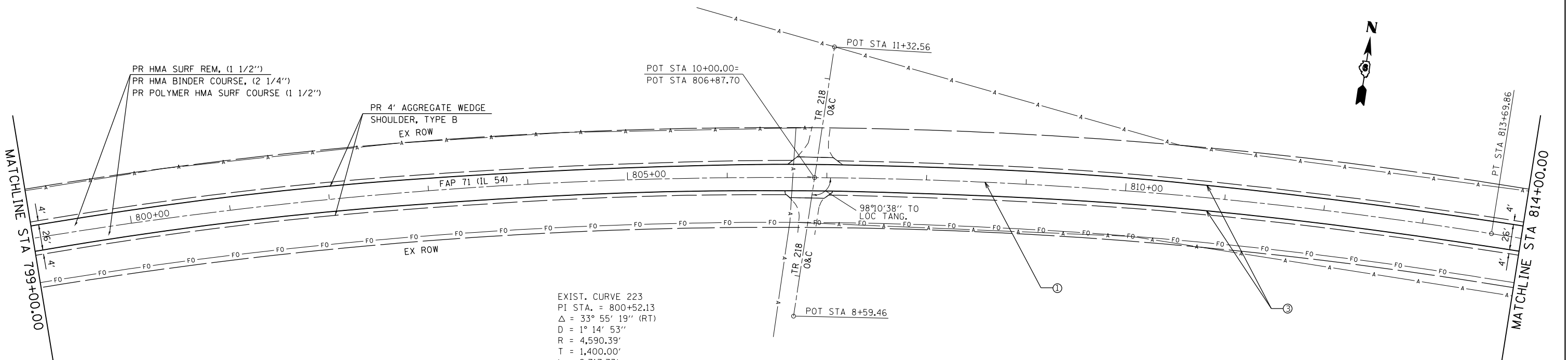
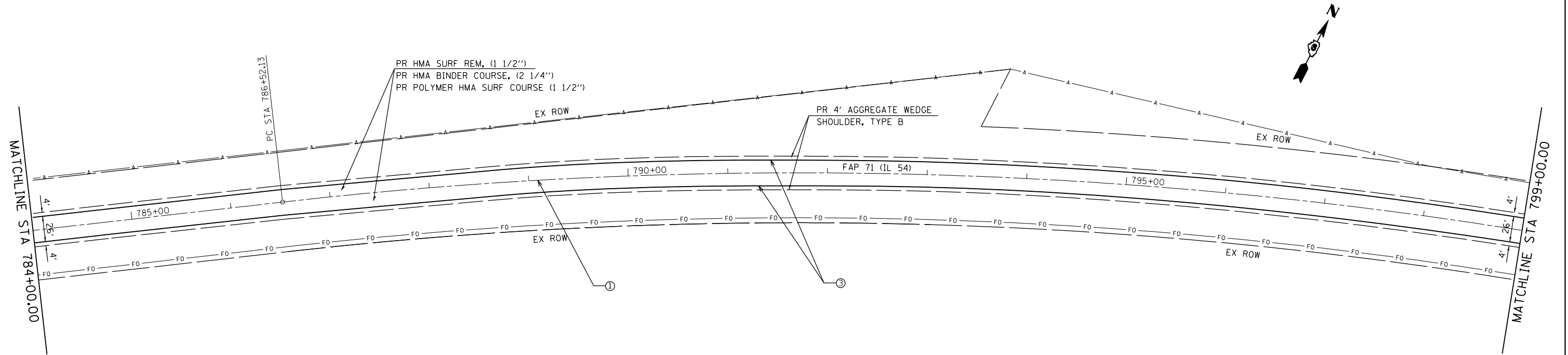
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
FAP 71 (IL 54)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	*	LOGAN	63	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72F77	

* (2) RS-3, BJR, (10) RS-4, N



EXIST. CURVE 223
 PI STA. = 800+52.13
 $\Delta = 33^\circ 55' 19''$ (RT)
 $D = 1^\circ 14' 53''$
 $R = 4,590.39'$
 $T = 1,400.00'$
 $L = 2,717.73'$
 $E = 208.74'$
 $e = 3.125\%$
 P.C. STA. = 786+52.13
 P.T. STA. = 813+69.86

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

PAVEMENT MARKING LEGEND	
①	PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
②	PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
③	PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
④	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -
pwz\planroom\dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN 77 - PLAN.dgn		REVISOR -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISOR -	REVISED -
Default	DATE -	REVISOR -	REVISED -

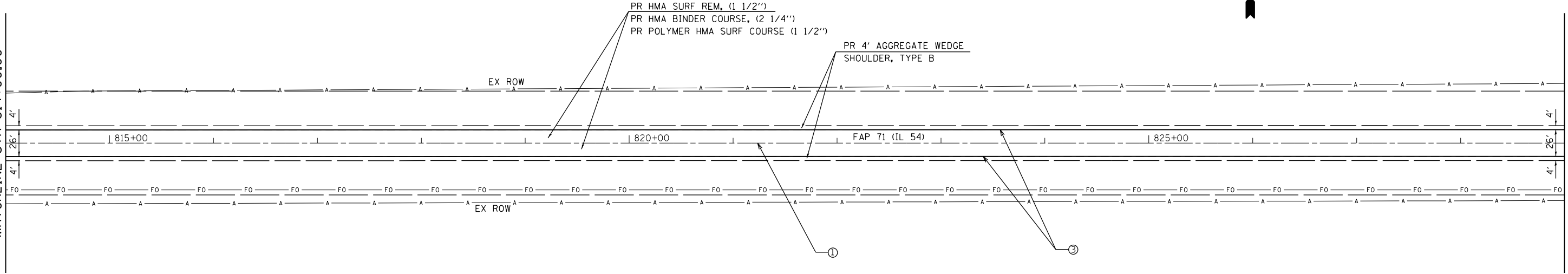
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 71 (IL 54)		71	*	LOGAN	63	40
SCALE: 1" = 50'		SHEET	OF	SHEETS	STA.	TO STA.

CONTRACT NO. 72F77		ILLINOIS	FED. AID PROJECT
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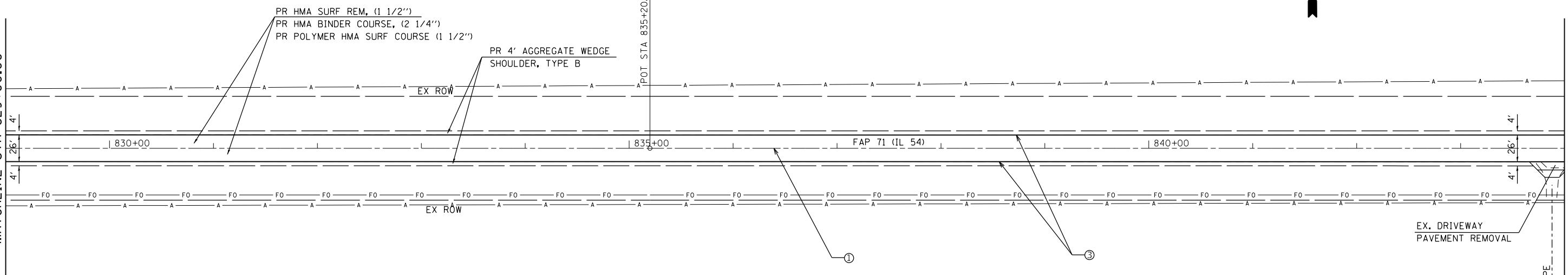
* (2) RS-3, BJR, (10) RS-4, N

MATCHLINE STA 814+00.00



MATCHLINE STA 829+00.00

MATCHLINE STA 829+00.00



MATCHLINE STA 844+00.00

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

PAVEMENT MARKING LEGEND

- ① PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
- ② PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
- ③ PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -
pwz\planroom\dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN 77 - PLAN.dgn		CHECKED -	REVISED -
Default	PLOT SCALE = 100.0000 ' / in.	DATE -	REVISED -
	PLOT DATE = 12/13/2019		

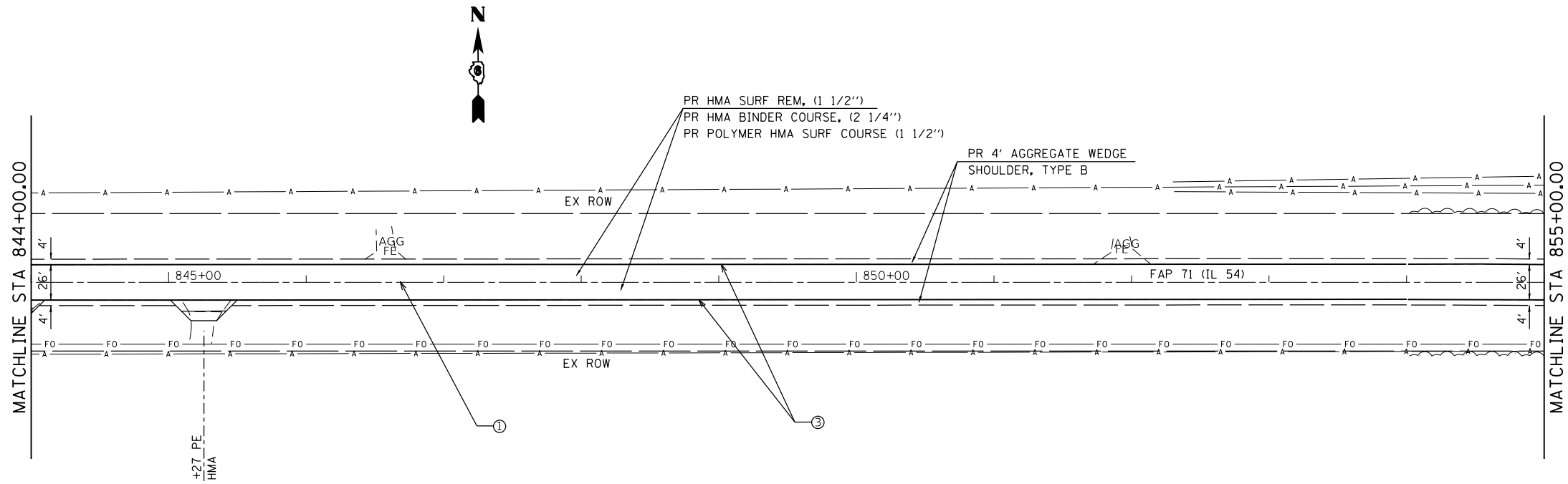
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
FAP 71 (IL 54)**

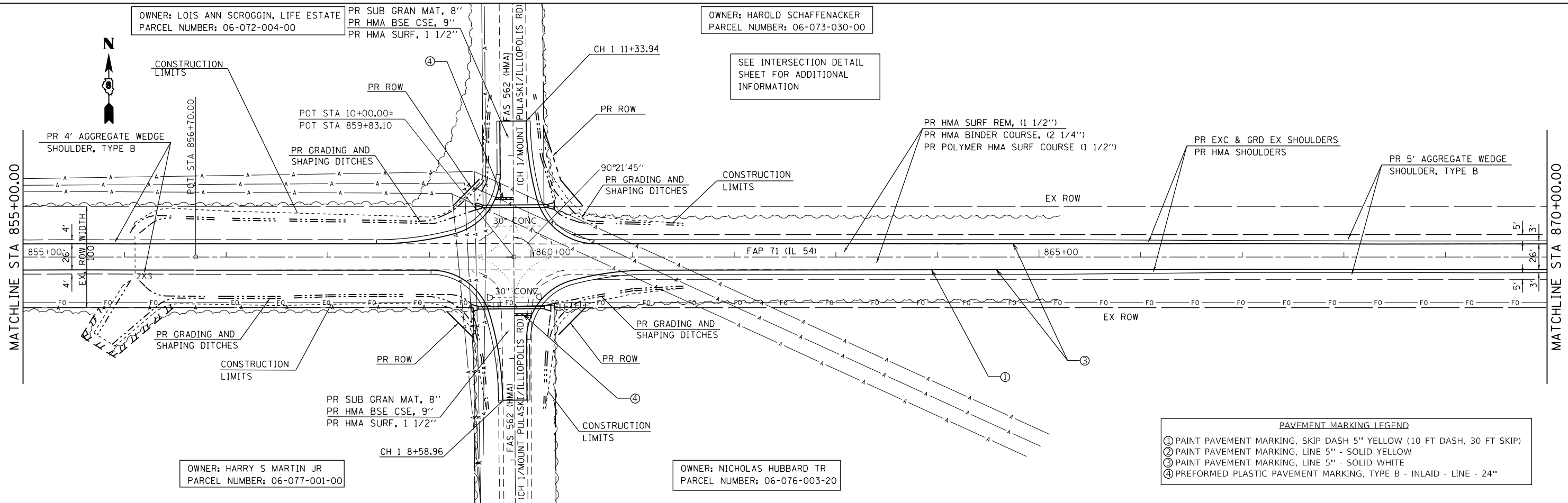
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	*	LOGAN	63	41
CONTRACT NO. 72F77				
ILLINOIS FED. AID PROJECT				

* (2) RS-3, BJR, (10) RS-4, N



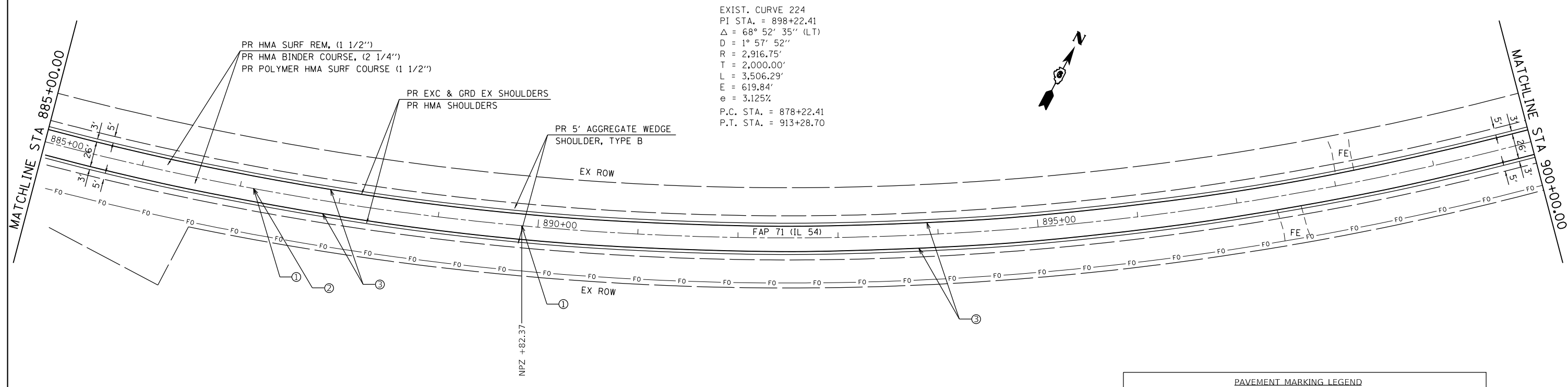
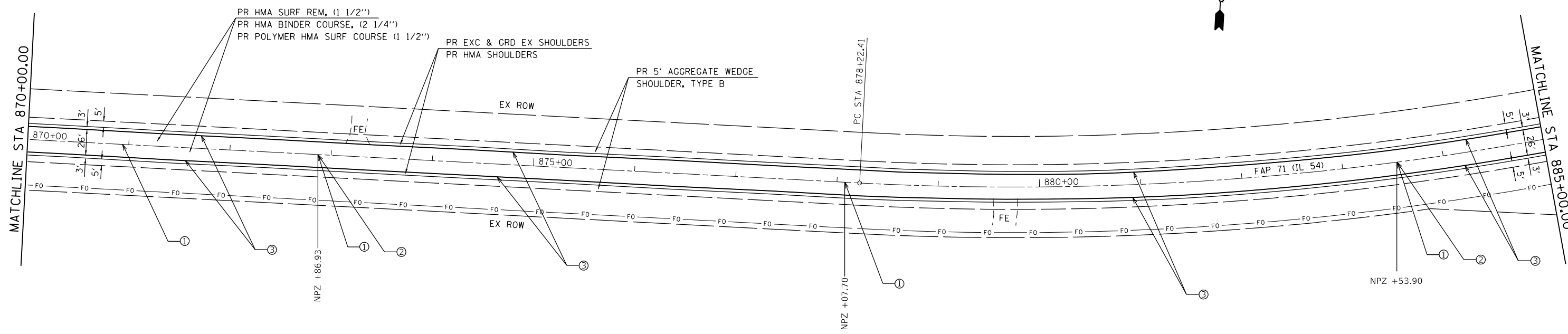
SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION



PAVEMENT MARKING LEGEND			
①	PAINTE PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)		
②	PAINTE PAVEMENT MARKING, LINE 5" - SOLID YELLOW		
③	PAINTE PAVEMENT MARKING, LINE 5" - SOLID WHITE		
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"		

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 71 (IL 54)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot\illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN 77 - PLAN.dgn	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -			71	*	LOGAN	63	42
Default	PLOT DATE = 12/13/2019	DATE -	REVISED -			CONTRACT NO. 72F77			ILLINOIS FED. AID PROJECT	
						SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.

* (2) RS-3, BJR, (10) RS-4, N



EXIST. CURVE 224
 PI STA. = 898+22.41
 $\Delta = 68^\circ 52' 35''$ (LT)
 $D = 1^\circ 57' 52''$
 $R = 2,916.75'$
 $T = 2,000.00'$
 $L = 3,506.29'$
 $E = 619.84'$
 $e = 3.125\%$
 P.C. STA. = 878+22.41
 P.T. STA. = 913+28.70

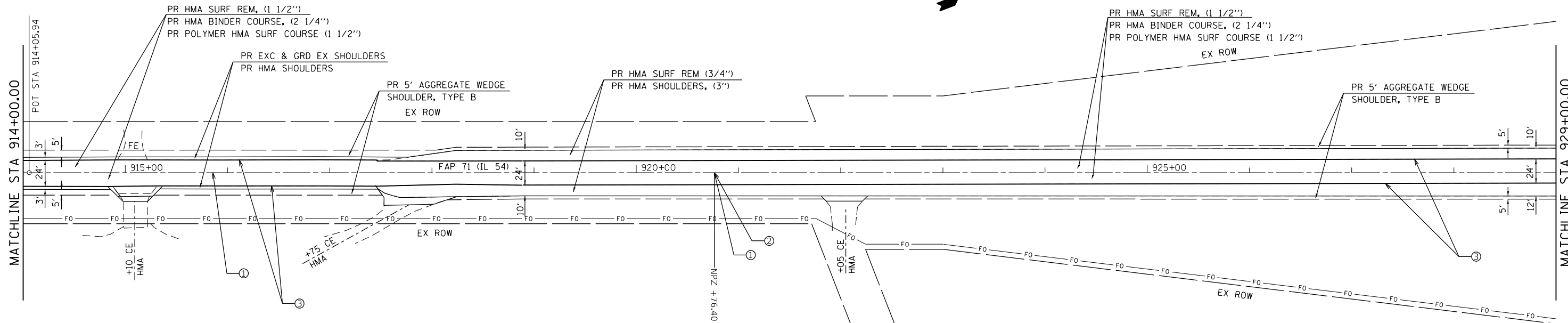
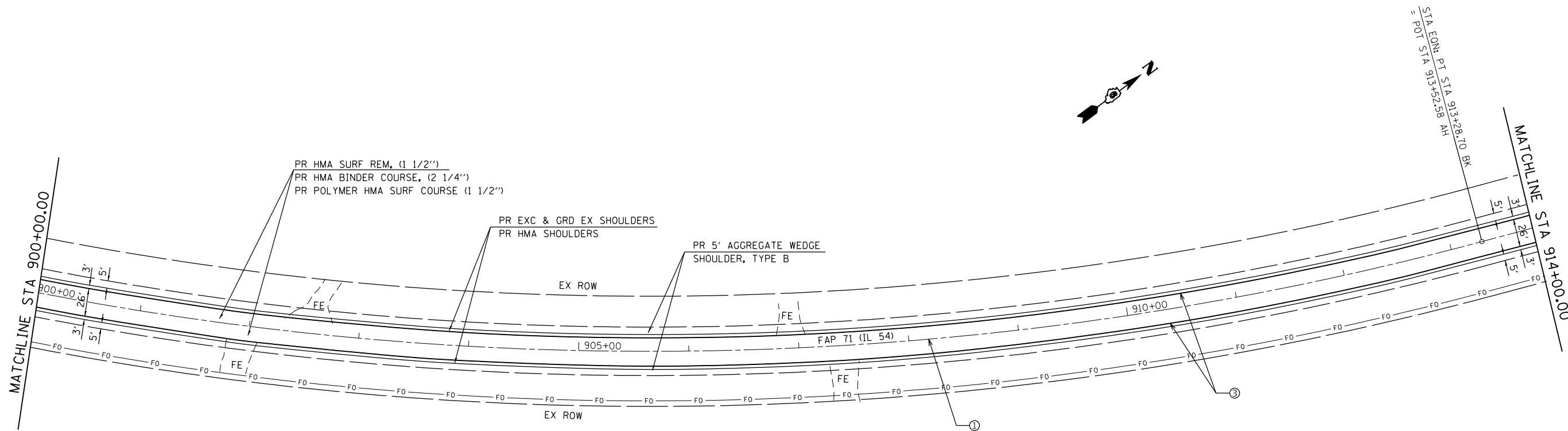
SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

PAVEMENT MARKING LEGEND

- ① PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
- ② PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
- ③ PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 71 (IL 54)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pwz\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN77 - PLAN.dgn		REVISION 1	REVISION 1			71	*	LOGAN	63	43	
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISION 1			CONTRACT NO. 72F77					
Default		DATE -	REVISION 1			ILLINOIS FED. AID PROJECT					

* (2) RS-3, BJR, (10) RS-4, N



PAVEMENT MARKING LEGEND

①	PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
②	PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
③	PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

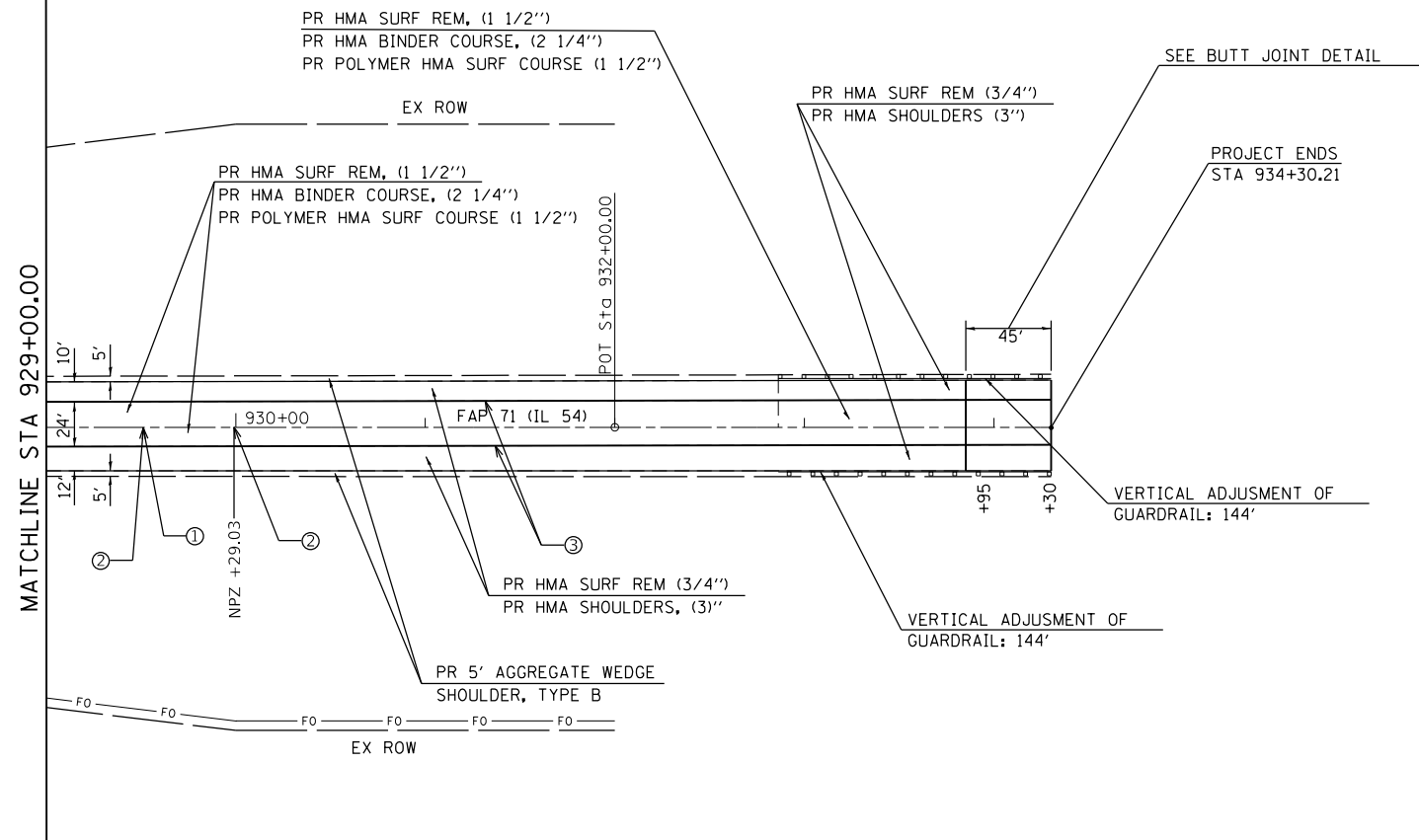
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		DATE -	REVISED -
Default	PLOT DATE = 12/13/2019		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 71 (IL 54)	
SCALE: 1" = 50'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	*	LOGAN	63	44
CONTRACT NO. 72F77				
ILLINOIS FED. AID PROJECT				

* (2) RS-3, BJR, (10) RS-4, N



PAVEMENT MARKING LEGEND

- ① PAINT PAVEMENT MARKING, SKIP DASH 5" YELLOW (10 FT DASH, 30 FT SKIP)
- ② PAINT PAVEMENT MARKING, LINE 5" - SOLID YELLOW
- ③ PAINT PAVEMENT MARKING, LINE 5" - SOLID WHITE
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - 24"

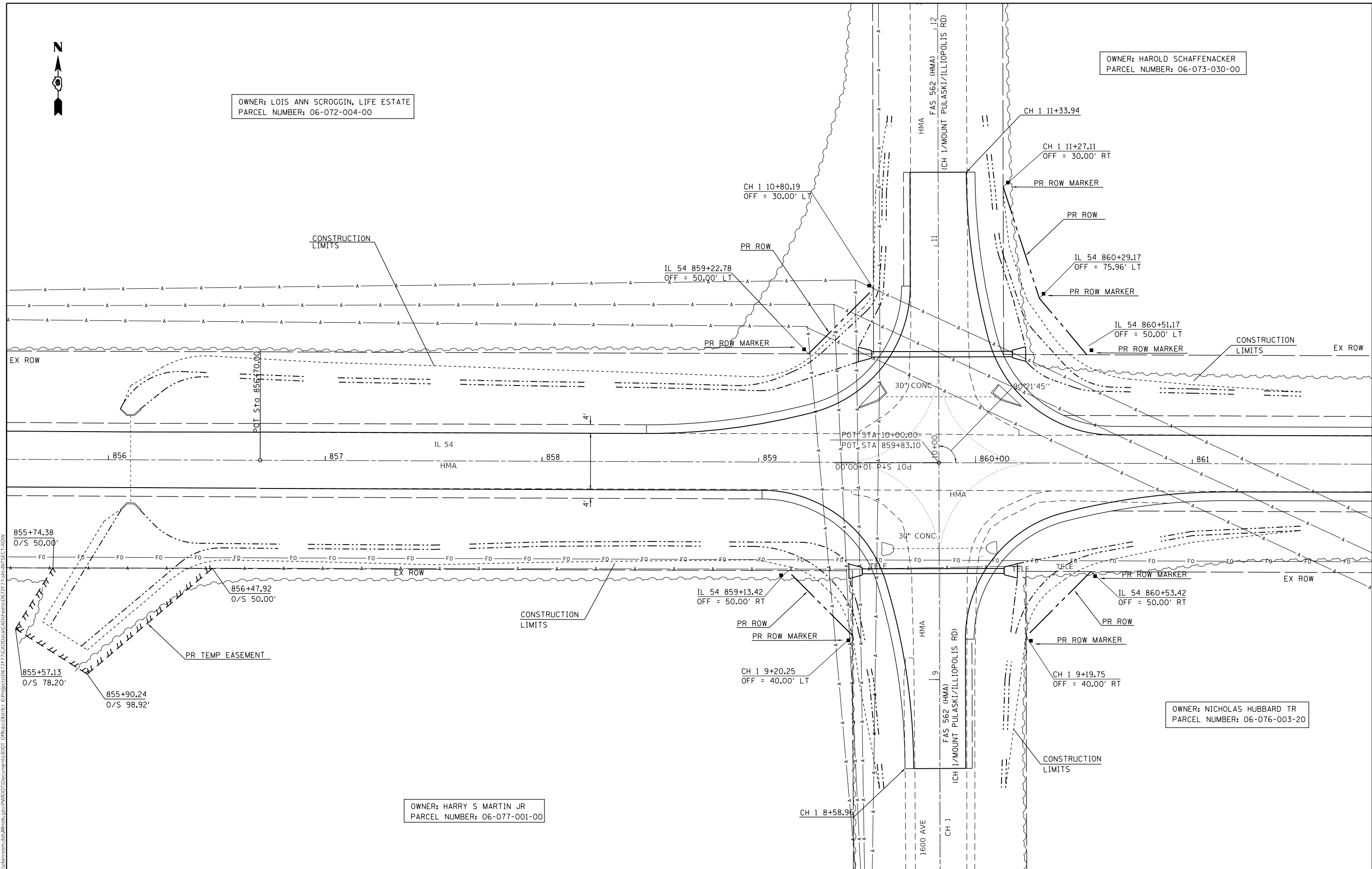
FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN77 - PLAN.dgn												
Default	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT
	PLOT DATE = 12/13/2019	DATE -	REVISED -									

* (2) RS-3, BJR, (10) RS-4, N



OWNER: LOIS ANN SCROGGIN, LIFE ESTATE
 PARCEL NUMBER: 06-072-004-00

OWNER: HAROLD SCHAFFENACKER
 PARCEL NUMBER: 06-073-030-00



MODEL: Default
 FILE: h:\m\c\proj\pub\harron\m.dwg
 PROJECT: 06-077-001-00
 OFFICE: J:\Projects\06-077-001-00\06-077-001-00.dwg
 PLOT: 12/13/2019 10:00:00 AM
 PLOTTER: HP DesignJet T1100e

OWNER: HARRY S MARTIN JR
 PARCEL NUMBER: 06-077-001-00

OWNER: NICHOLAS HUBBARD TR
 PARCEL NUMBER: 06-076-003-20

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CH 1 INTERSECTION DETAIL
 SHEET**

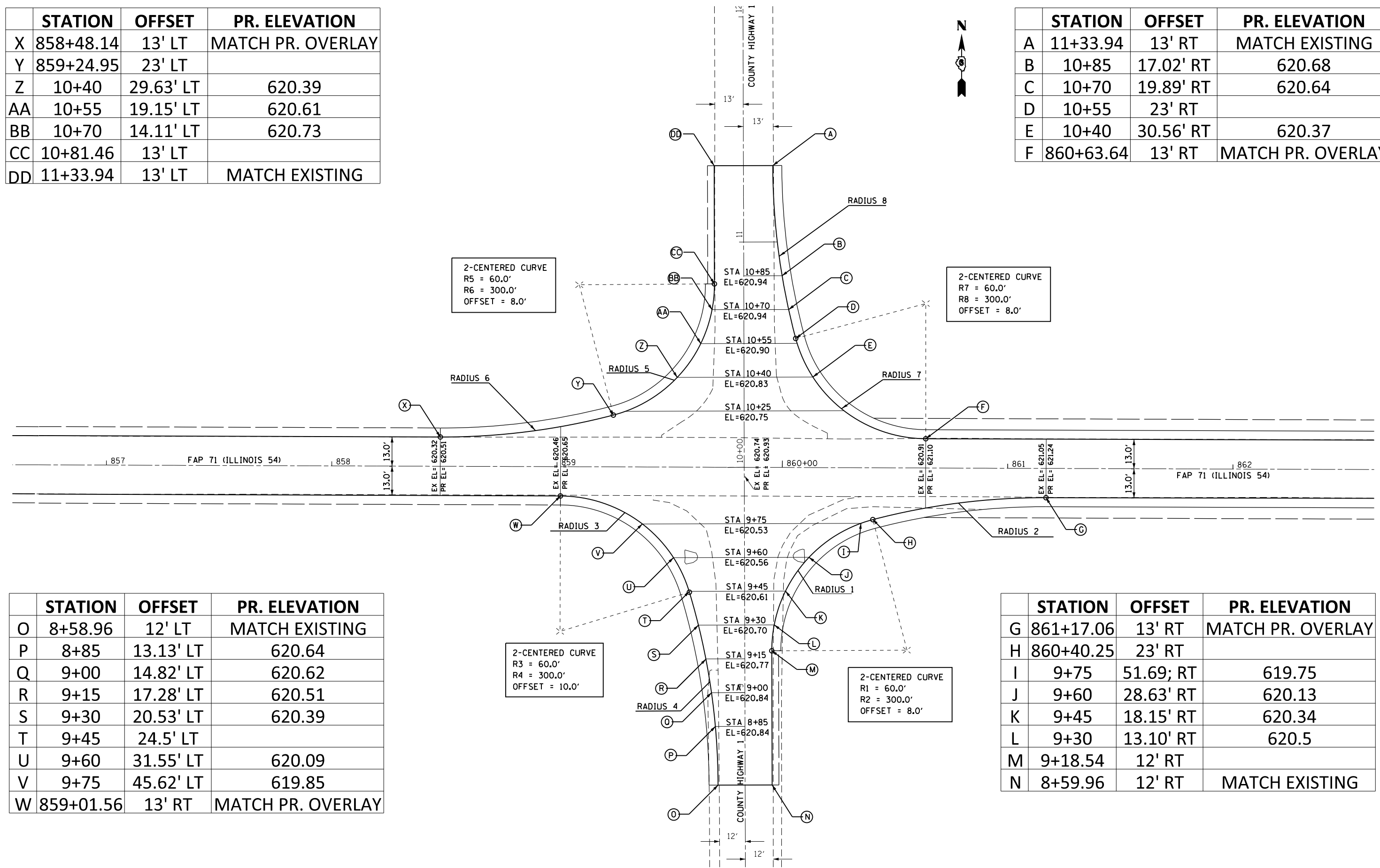
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2019	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	*	LOGAN	63	46
CONTRACT NO. 72H77				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

ILLINOIS	FED. AID PROJECT
----------	------------------

	STATION	OFFSET	PR. ELEVATION
X	858+48.14	13' LT	MATCH PR. OVERLAY
Y	859+24.95	23' LT	
Z	10+40	29.63' LT	620.39
AA	10+55	19.15' LT	620.61
BB	10+70	14.11' LT	620.73
CC	10+81.46	13' LT	
DD	11+33.94	13' LT	MATCH EXISTING

	STATION	OFFSET	PR. ELEVATION
A	11+33.94	13' RT	MATCH EXISTING
B	10+85	17.02' RT	620.68
C	10+70	19.89' RT	620.64
D	10+55	23' RT	
E	10+40	30.56' RT	620.37
F	860+63.64	13' RT	MATCH PR. OVERLAY



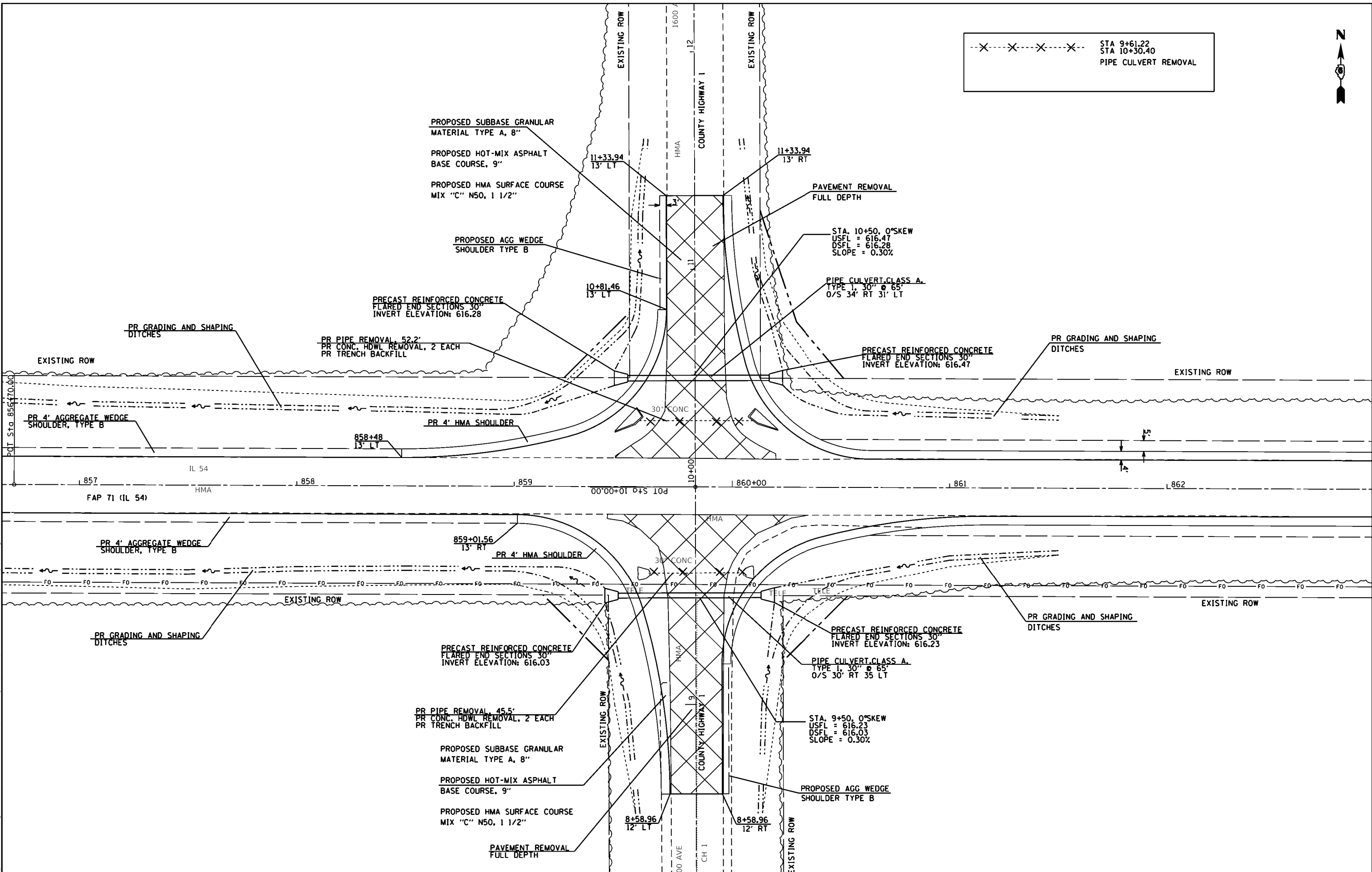
	STATION	OFFSET	PR. ELEVATION
O	8+58.96	12' LT	MATCH EXISTING
P	8+85	13.13' LT	620.64
Q	9+00	14.82' LT	620.62
R	9+15	17.28' LT	620.51
S	9+30	20.53' LT	620.39
T	9+45	24.5' LT	
U	9+60	31.55' LT	620.09
V	9+75	45.62' LT	619.85
W	859+01.56	13' RT	MATCH PR. OVERLAY

	STATION	OFFSET	PR. ELEVATION
G	861+17.06	13' RT	MATCH PR. OVERLAY
H	860+40.25	23' RT	
I	9+75	51.69' RT	619.75
J	9+60	28.63' RT	620.13
K	9+45	18.15' RT	620.34
L	9+30	13.10' RT	620.5
M	9+18.54	12' RT	
N	8+59.96	12' RT	MATCH EXISTING

* (2) RS-3, BJR, (10) RS-4, N



X---X---X---X--- STA 9+61.22
 STA 10+30.40
 PIPE CULVERT REMOVAL



Model: Default
 File: Model - 20190808.dwg
 Plot: 20190808.dwg
 Plot Date: 12/19/2019

USER NAME = jeckca	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 12/19/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
CH 1 PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71		LOGAN	63	48
CONTRACT NO. 72H77				
ILLINOIS FED. AID PROJECT				

* (2) RS-3, BJR, (10) RS-4, N

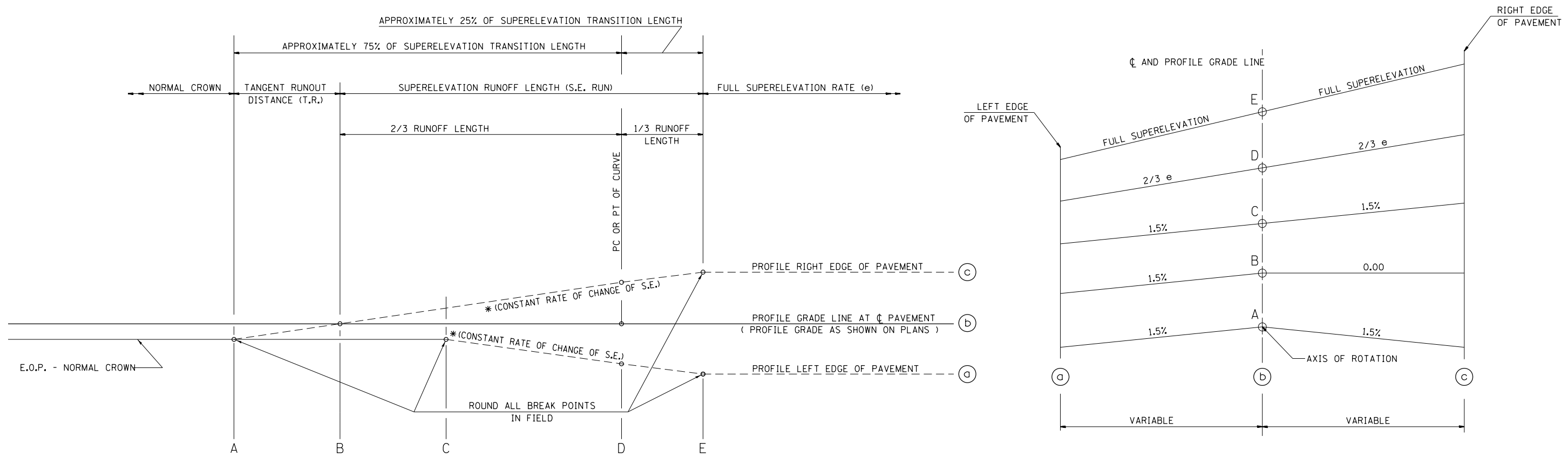


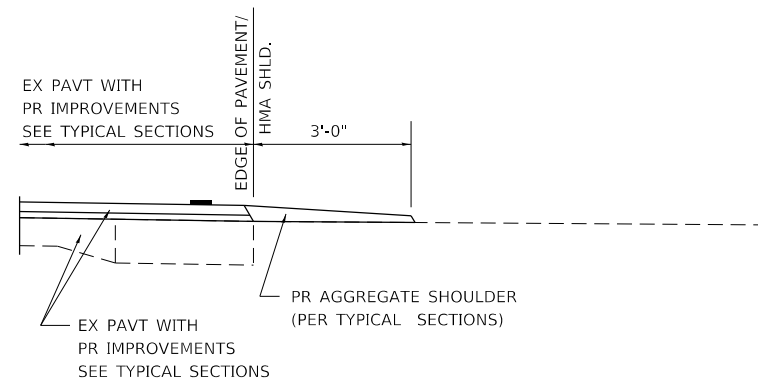
TABLE OF SUPERELEVATION BREAK POINT LOCATIONS							
CURVE NO.	e	A	B	C	D	E	TRANSITION
215	4.44%	STA 540+94.53	STA 541+37.82	STA 541+81.11	STA 542+65.86	STA 542+65.86	P. C.
	4.44%	STA 553+38.55	STA 552+95.26	STA 552+51.97	STA 552+09.90	STA 551+67.22	P. T.
216	4.44%	STA 484+06.84	STA 484+50.13	STA 484+93.42	STA 485+35.49	STA 485+78.17	P. C.
	4.44%	STA 504+18.83	STA 503+75.04	STA 503+31.75	STA 502+89.68	STA 502+47.00	P. T.
223	3.25%	STA 785+46.39	STA 785+89.68	STA 786+32.97	STA 786+52.13	STA 786+83.35	P. C.
	3.25%	STA 814+75.60	STA 814+32.31	STA 813+89.02	STA 813+69.86	STA 813+38.64	P. T.
224	4.38%	STA 876+94.79	STA 877+38.08	STA 877+81.37	STA 878+22.41	STA 878+64.58	P. C.
	4.38%	STA 914+56.32	STA 914+13.03	STA 913+69.74	STA 913+28.70	STA 912+86.53	P. T.

TYPICAL PROFILE - S.E. TRANSITION

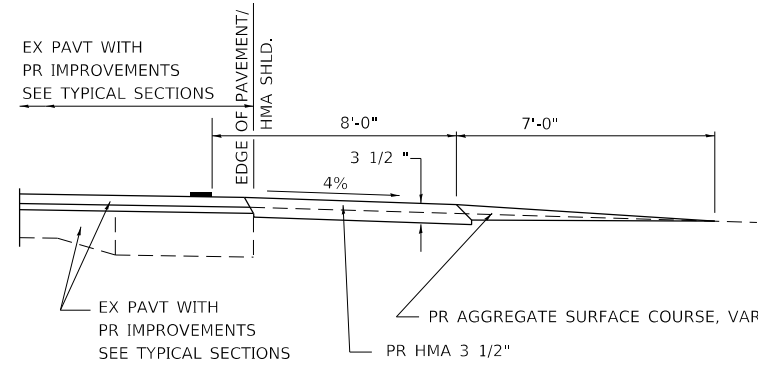
EX CURVE 215	EX CURVE 216	EX CURVE 217	EX CURVE 219	EX CURVE 220	EX CURVE 221	EX CURVE 222	EX CURVE 223	EX CURVE 224
PI STA. = 547+21.48	PI STA. = 494+41.09	PI STA. = 471+80.25	PI STA. = 654+78.40	PI STA. = 667+23.97	PI STA. = 685+12.84	PI STA. = 712+25.06	PI STA. = 800+52.13	PI STA. = 898+22.41
$\Delta = 19^\circ 44' 37''$ (RT)	$\Delta = 35^\circ 06' 06''$ (LT)	$\Delta = 7^\circ 07' 15''$ (RT)	$\Delta = 2^\circ 18' 09''$ (RT)	$\Delta = 2^\circ 17' 57''$ (LT)	$\Delta = 1^\circ 04' 20''$ (LT)	$\Delta = 5^\circ 04' 03''$ (RT)	$\Delta = 33^\circ 55' 19''$ (RT)	$\Delta = 68^\circ 52' 35''$ (LT)
D = 2° 00' 03"	D = 2° 00' 04"	D = 0° 40' 24"	D = 0° 14' 07"	D = 0° 14' 06"	D = 0° 06' 08"	D = 0° 30' 06"	D = 1° 14' 53"	D = 1° 57' 52"
R = 2,863.46'	R = 2,863.33'	R = 8,508.44'	R = 24,353.02'	R = 24,388.29'	R = 56,108.71'	R = 11,421.11'	R = 4,590.39'	R = 2,916.75'
T = 498.30'	T = 905.60'	T = 529.40'	T = 489.40'	T = 489.40'	T = 525.00'	T = 505.40'	T = 1,400.00'	T = 2,000.00'
L = 986.72'	L = 1,754.19'	L = 1,057.44'	L = 978.67'	L = 978.67'	L = 1,049.97'	L = 1,010.14'	L = 2,717.73'	L = 3,506.29'
E = 43.03'	E = 139.80'	E = 16.45'	E = 4.92'	E = 4.91'	E = 2.46'	E = 11.18'	E = 208.74'	E = 619.84'
e = 4.44%	e = 4.44%	e = N. C.	e = N. C.	e = N. C.	e = N. C.	e = N. C.	e = 3.25%	e = 4.38%
T. R. = 43.29	T. R. = 43.29	T. R. =	T. R. =	T. R. =	T. R. =	T. R. =	T. R. = 43.29	T. R. = 43.29
S. E. RUN = 128.04	S. E. RUN = 128.04	S. E. RUN =	S. E. RUN =	S. E. RUN =	S. E. RUN =	S. E. RUN =	S. E. RUN = 93.67	S. E. RUN = 126.50
P. C. STA = 542+23.18	P. C. STA = 485+35.49	P. C. STA = 466+50.85	P. C. STA = 649+89.00	P. C. STA = 662+34.57	P. C. STA = 678+87.84	P. C. STA = 707+19.66	P. C. STA = 786+52.13	P. C. STA = 878+22.41
P. T. STA = 552+09.90	P. T. STA = 502+89.68	P. T. STA = 477+08.29	P. T. STA = 659+67.67	P. T. STA = 672+13.24	P. T. STA = 690+37.81	P. T. STA = 717+29.80	P. T. STA = 813+69.86	P. T. STA = 913+28.70

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERELEVATION DETAIL FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\DRAWN 77-sht-details.dgn		CHECKED -	REVISED -					71	*	LOGAN	63	49
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -					CONTRACT NO. 72F77				
Default	PLOT DATE = 12/13/2019							SCALE:	SHEET	OF SHEETS	STA.	TO STA.

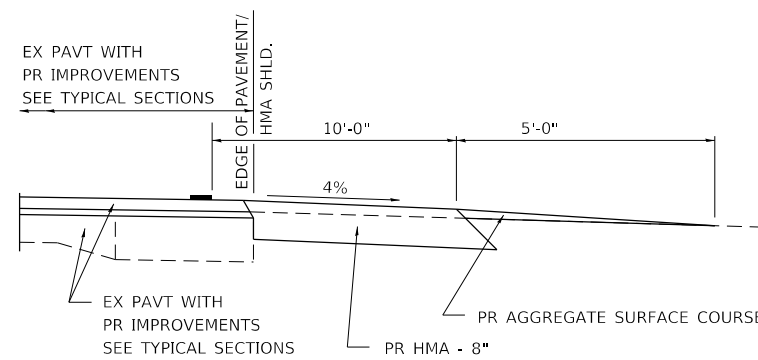
* (2) RS-3, BJR, (10) RS-4, N



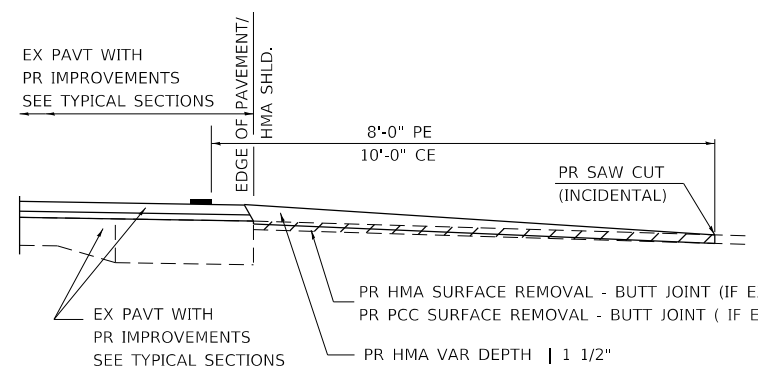
SECTION A-A FOR EX EARTH/ AGGREGATE FE



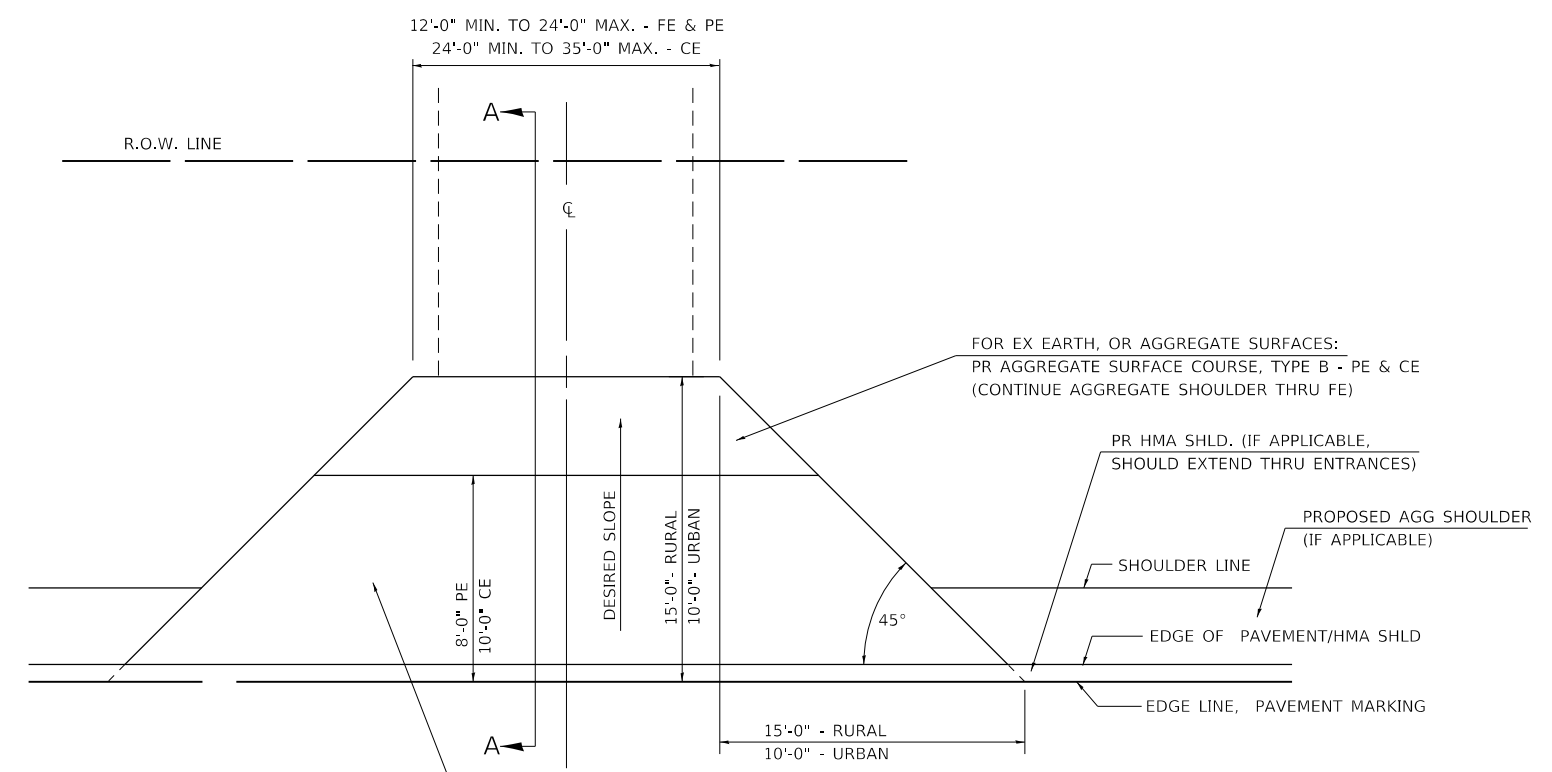
SECTION A-A FOR EX EARTH/AGGREGATE PE



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.

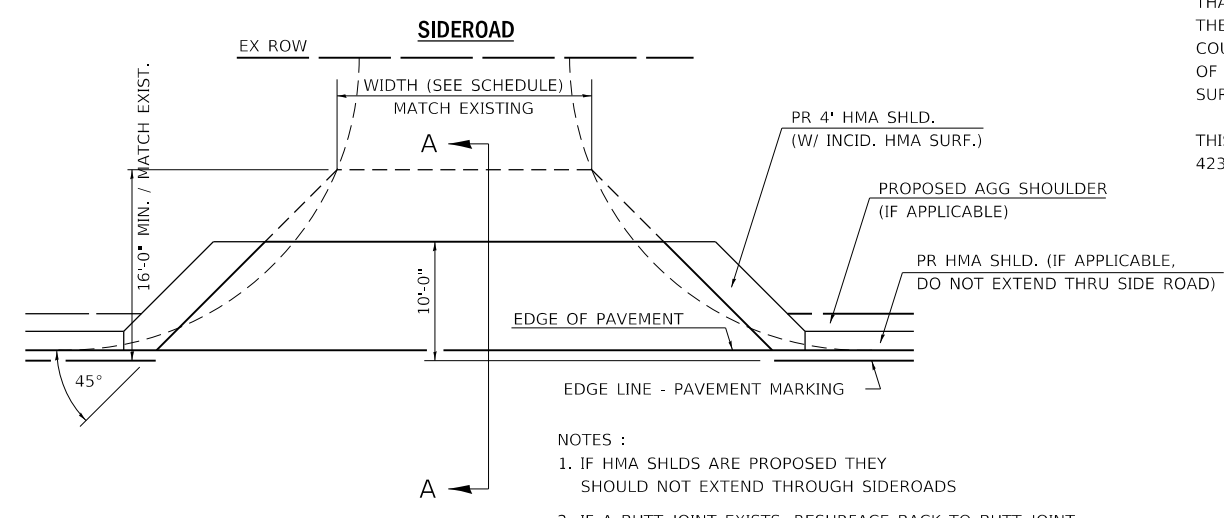
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

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.

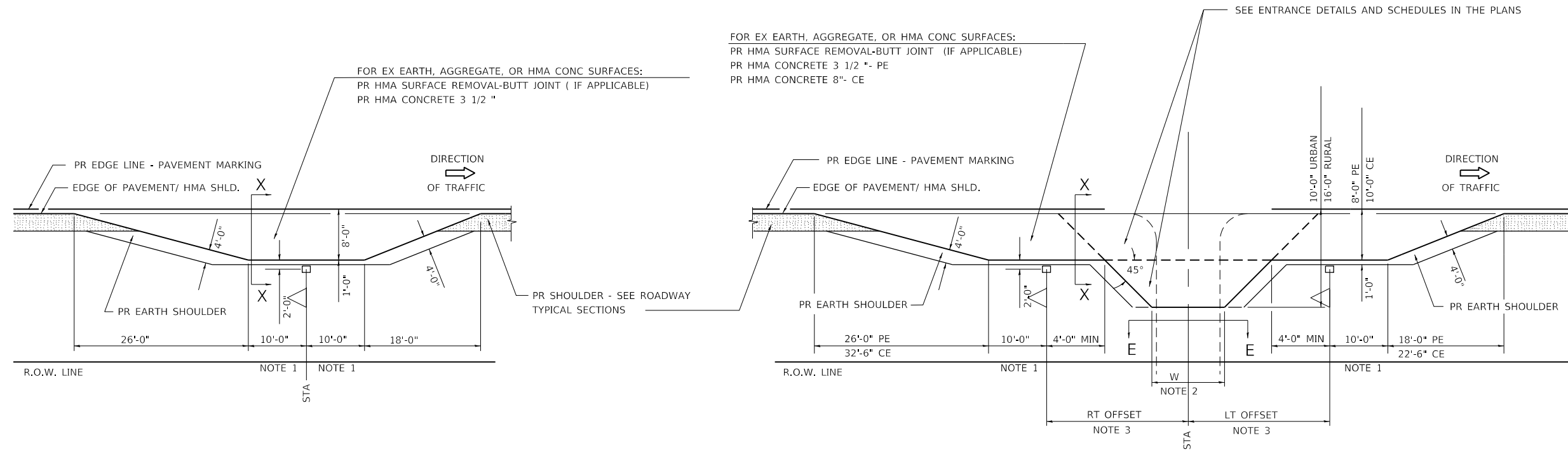


- NOTES :
1. IF HMA SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS
 2. IF A BUTT JOINT EXISTS, RESURFACE BACK TO BUTT JOINT.

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED - 2/19/03 JCN	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE & SIDE ROAD DETAILS FAP 71 (IL 54)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADD\CADSheet\DRAWN 77-sh-detai	DOT Offices\District 6\Projects\D672F77\CADD\CADSheet\DRAWN 77-sh-detai	CHECKED - JCN	REVISED - 4/01/04 JCN						71	*	LOGAN	63	50
PLOT SCALE = 100.0000' / in.	CHECKED - JCN	REVISED -			CONTRACT NO. 72F77								
Default	PLOT DATE = 12/13/2019	DATE - FEBRUARY 23, 1999	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT		

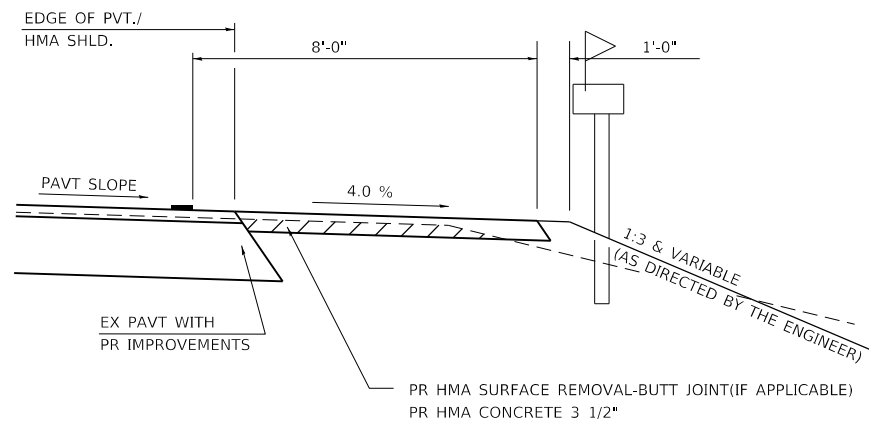
* (2) RS-3, BJR, (10) RS-4, N

DETAILS OF MAILBOX TURNOUTS



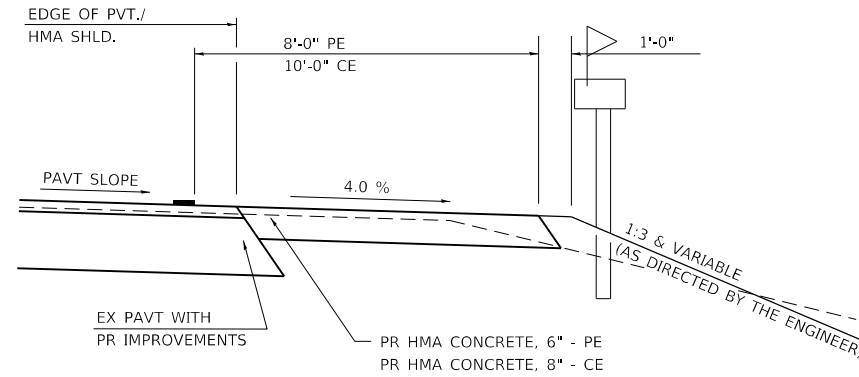
PLAN - MAILBOX TURNOUTS

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.)

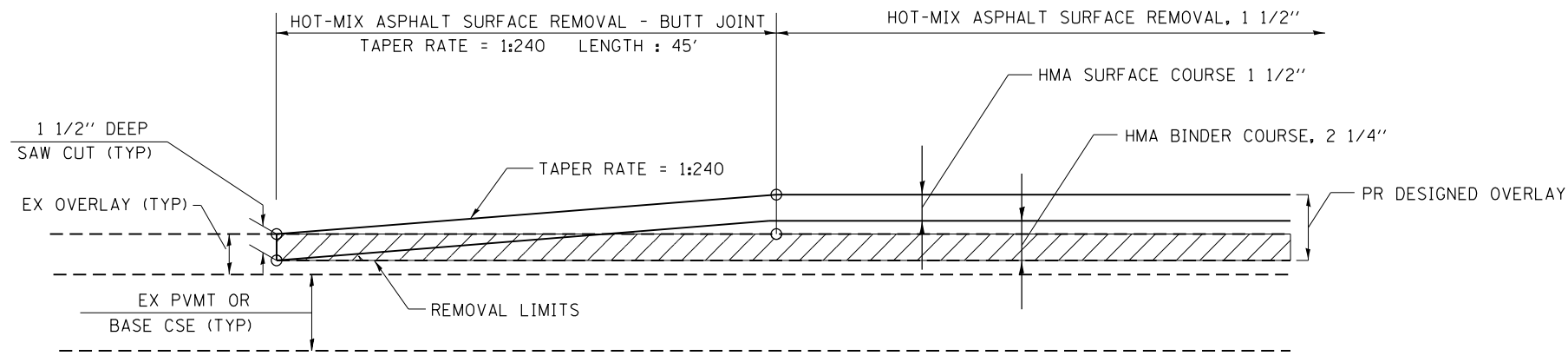
NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

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.

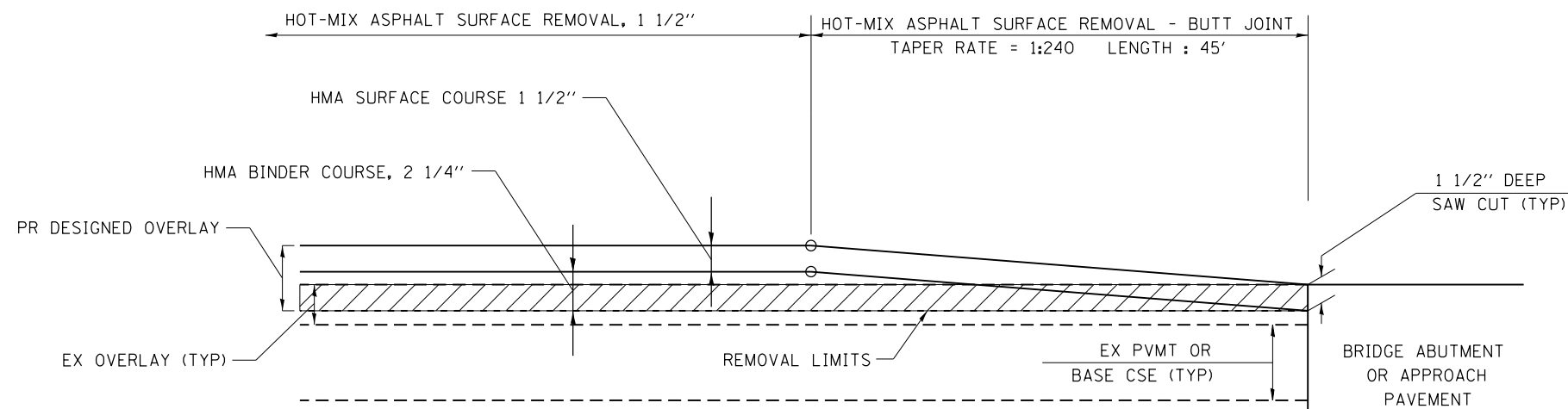
ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE & SIDE ROAD DETAILS FAP 71 (IL 54)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						71	*	LOGAN	63	51	
						CONTRACT NO. 72F77					
						ILLINOIS FED. AID PROJECT					
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PLOT DATE = 12/13/2019		DATE -									



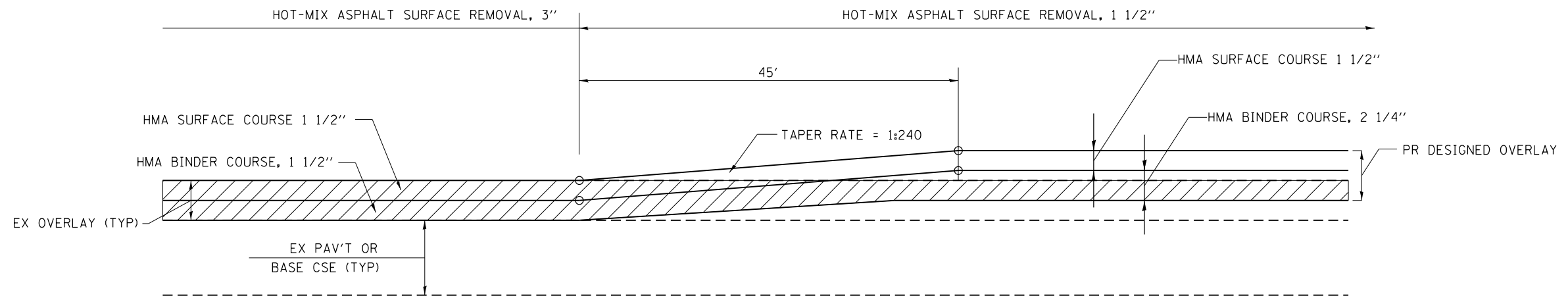
BUTT JOINT DETAIL #1

STA. 455+75 TO STA. 456+20



BUTT JOINT DETAIL #2

STA. 554+14 TO STA. 554+74
 STA. 559+14 TO STA. 559+74
 STA. 933+85 TO STA. 934+30

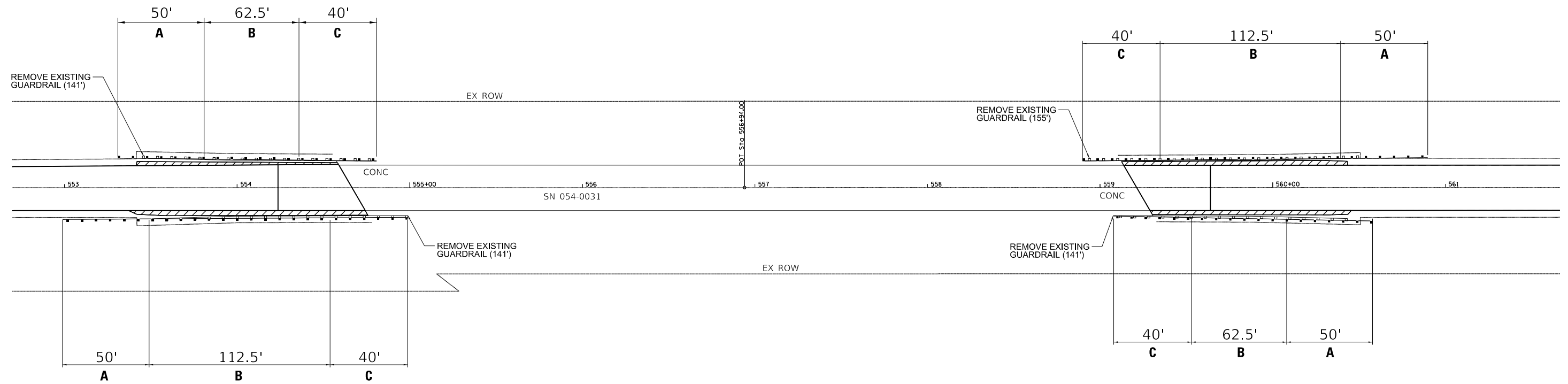


RAMP DETAIL

STA. 670+04 TO STA. 670+49
 STA. 680+93 TO STA. 681+38

* SAW CUT IS INCLUDED IN THE COST OF HMA SURFACE REMOVAL - BUTT JOINT, AND IS NOT TO BE PAID SEPARATELY.

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT & RAMP DETAILS FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\77-sh-1-drawings\77-sh-1-details.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					71	*	LOGAN	63	52
Default	PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				
* (2) RS-3, BJR, (10) RS-4, N												



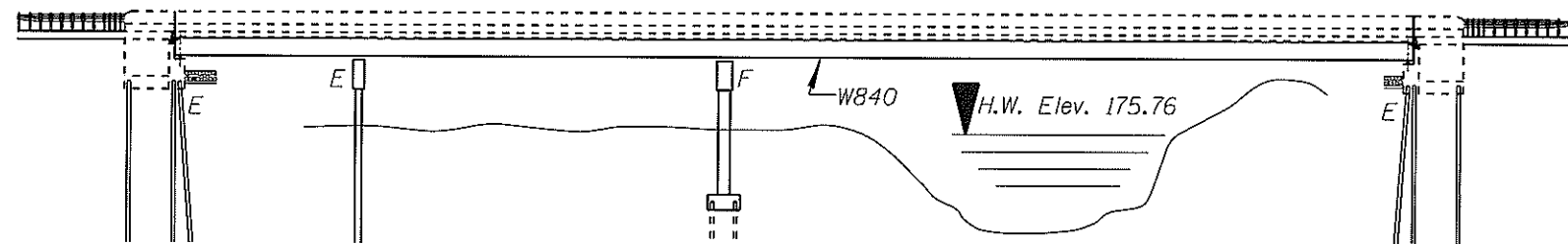
- (A) = PAY LIMITS FOR TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (B) = PAY LIMITS FOR STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 POSTS, SPECIAL
- (C) = PAY LIMITS FOR TRAFFIC BARRIER TERMINAL, TYPE 6

NOTES:

- 1) GUARDRAIL REMOVAL SHALL INCLUDE THE REMOVAL OF ANY CONCRETE ENCASEMENTS OF THE POSTS AND ANY ADDITIONAL RAILING LOCATED AT THE BOTTOM OF THE POSTS.

MODEL: Default
 FILE: Model: Guardrail Detail.dgn
 PROJECT: \\p01\share\dot\Projects\DOT\Documents\DOT_Offices\Illinois\DOT_CAD\Drawings\Guardrail_Detail.dgn

USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAIL			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		71	*	LOAGN	63	53	CONTRACT NO. 72H77		
PLOT DATE = 12/13/2019	CHECKED -	REVISED -		SCALE:	SHEET 53	OF 63 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	DATE -	REVISED -									

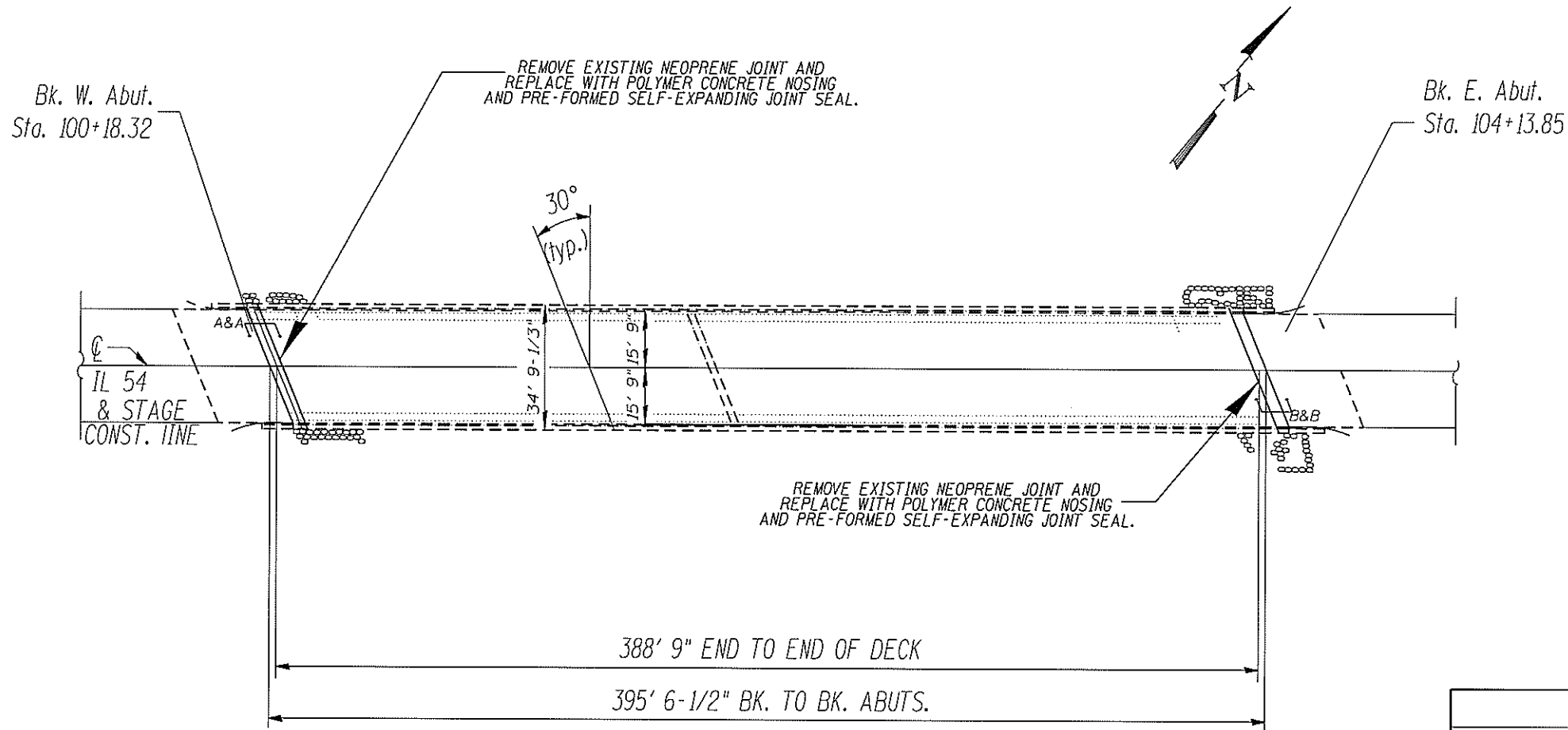


ELEVATION

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 THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

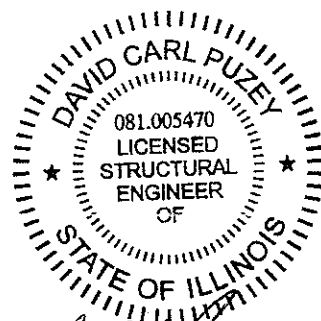
JOINT OPENING DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING JOINT MATERIALS.



PLAN

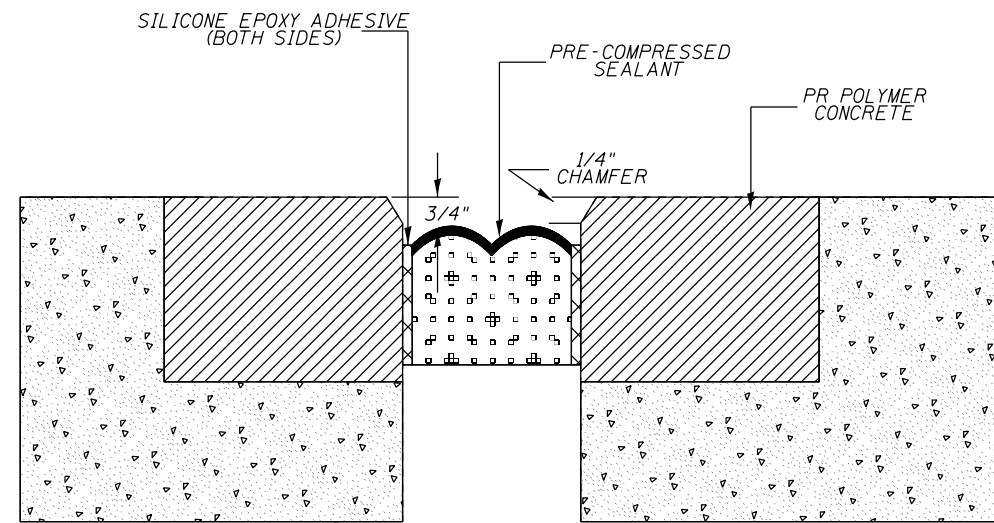
BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YD.	1
PREFORMED JOINT SEAL 2-1/2"	FOOT	37
PREFORMED JOINT SEAL 2"	FOOT	37
POLYMER CONCRETE	CU. FT.	15

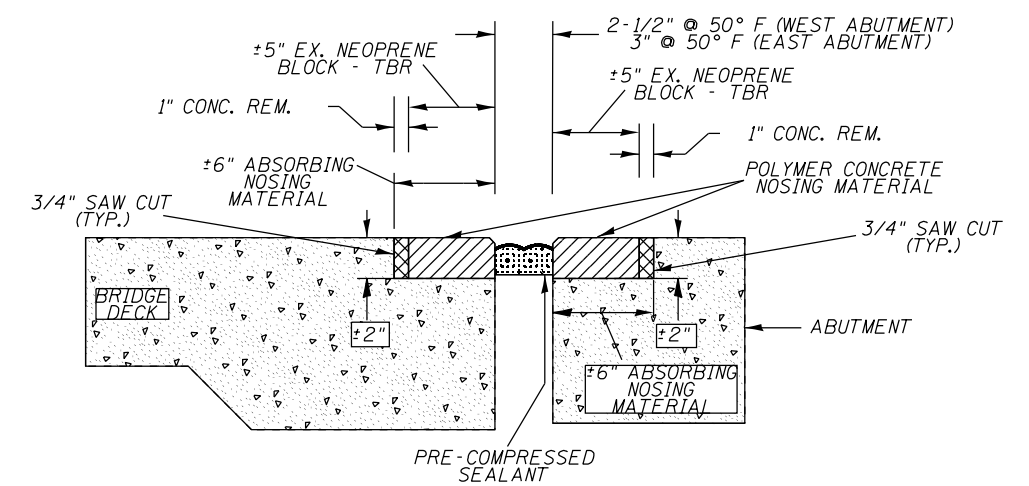


David Carl Puzey 1/28/2020
Expires 1/30/2020

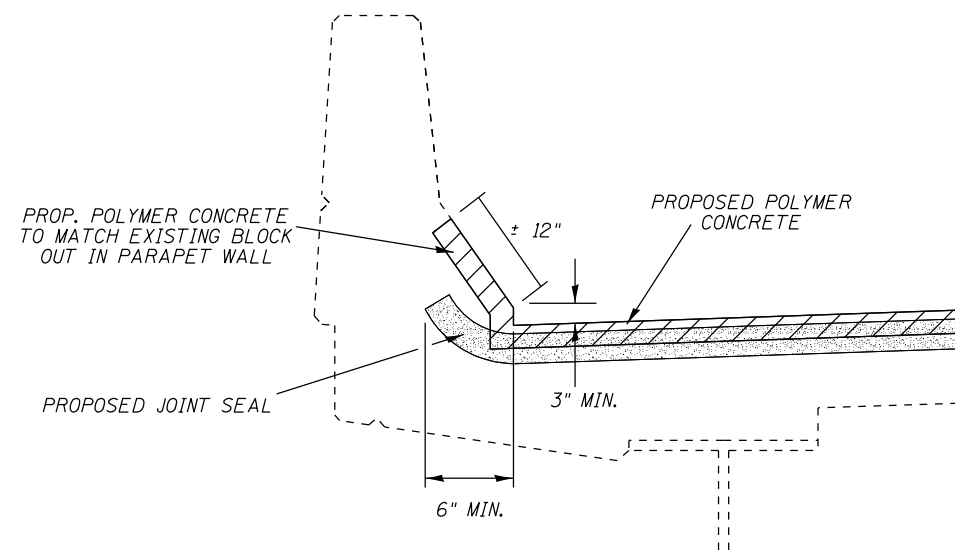
FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED - JBK	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE PLAN AND ELEVATION DETAIL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwa planroom.dot.illinois.gov:PW\DOT\3cumer-st	DOT Offices\District 6\Projects\1672777.CADD\DATA\CADSY	DR/BR/77-Bridge Joint Detail.dgn	REVISED -		71	-	LOGAN	63	54				
Default	PLOT SCALE = 100.0000 * / in.	CHECKED -	REVISED - VKV		SN 054-0031				CONTRACT NO. 72F77				
	PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	



SECTION A-A:
PRE-COMPRESSED, SELF-EXPANDING SEALER DETAIL



SECTION B-B
PROPOSED POLYMER CONCRETE
CROSS SECTION



TYPICAL PARAPET CROSS SECTION:
JOINT SEALER END TREATMENT

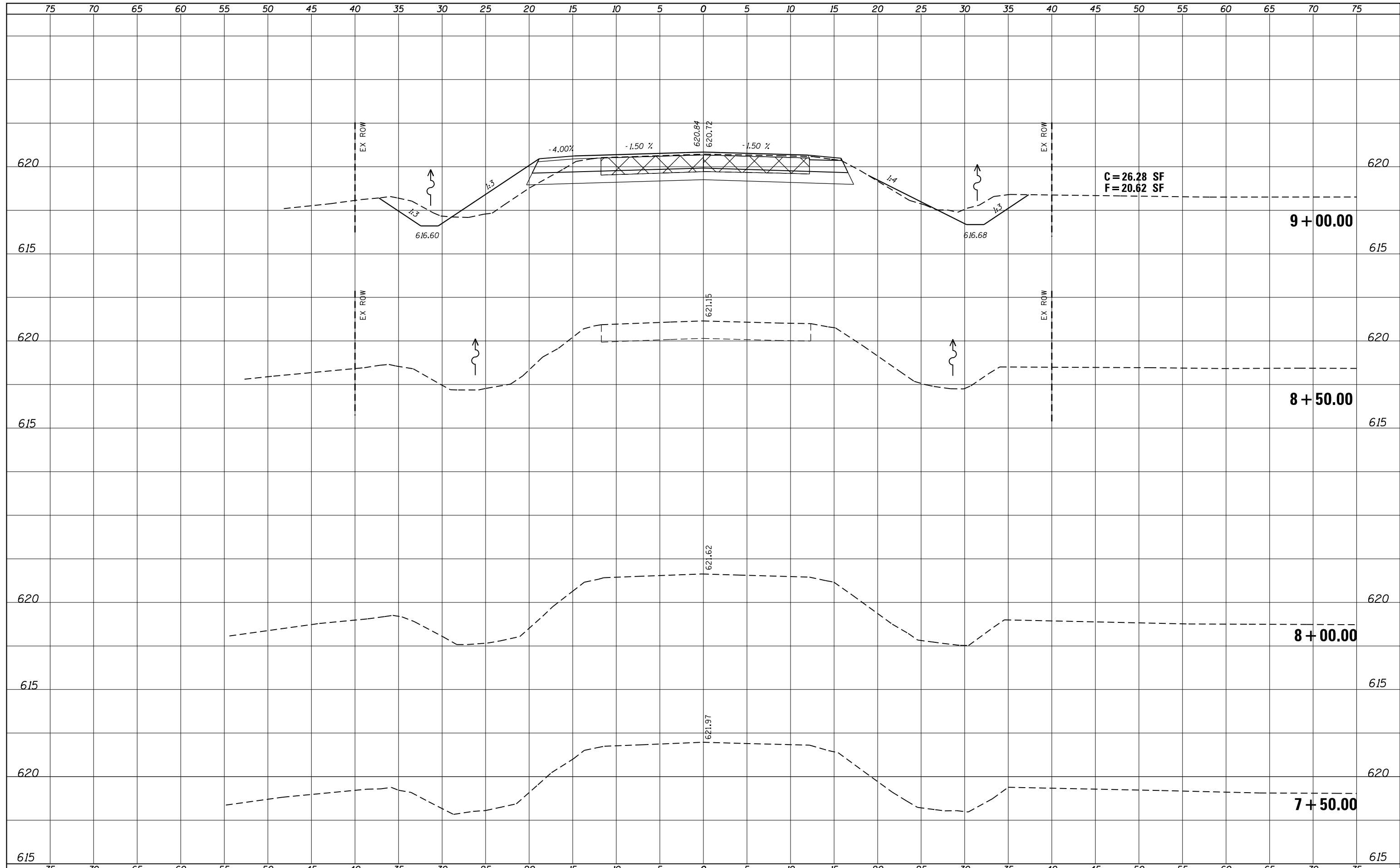
NOTES:

- 1/4" CHAMFER MAY BE ACHIEVED BY GRINDING AFTER NOSING MATERIAL HAS CURED.
- REMOVAL OF EXISTING NEOPRENE EXPANSION JOINTS SHALL BE INCLUDED IN THE COST OF CONCRETE REMOVAL.
- ANY STEEL ANCHORING STUDS ENCOUNTERED IN THE NEOPRENE JOINT REMOVAL AREA SHALL BE CUT OFF FLUSH WITH THE EXISTING CONCRETE. COST TO BE INCLUDED IN THE BID PRICE FOR CONCRETE REMOVAL.
- THE PREFORMED PRE-COMPRESSED, SILICONE COATED, SELF-EXPANDING SEALANT SYSTEM SHALL BE USED. DIMENSIONS AND INSTALLATION SHALL BE PER THE MANUFACTURER'S RECOMMENDATIONS.

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE JOINT DETAILS SN 054-0031	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\planroom\dot\illinois\gov\PWIDOT\Documents\DOT Offices\District 6\Projects\D672F77\CADDData\CADSheet\77-Bridge Joint Detail.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			71	*	LOGAN	63	55	
Default	PLOT DATE = 12/13/2019	DATE -	REVISED -			CONTRACT NO. 72F77					
						SCALE:	SHEET	OF	SHEETS	STA.	TO

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

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

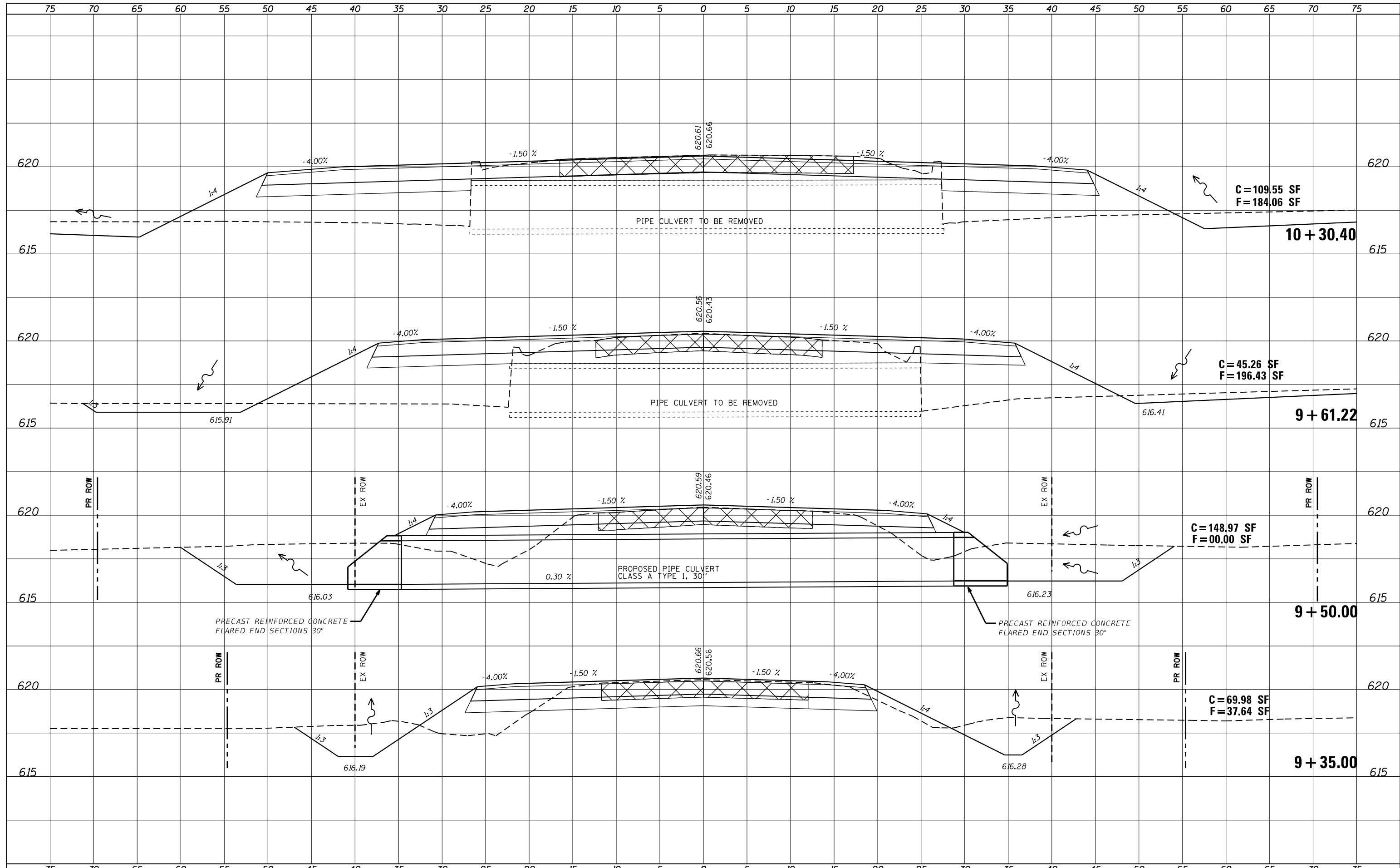


FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CH 1				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom\dot_illinois.gov\PWIDOT\Documents\DOT OFF	es\District 6\Projects\D67277\CADData\CADsheets\D67	DRAWN -	REVISIED -		71	*	LOGAN	63	56				
Default	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISIED -		CONTRACT NO. 7277				ILLINOIS	FED. AID PROJECT			
	PLOT DATE = 12/13/2019	DATE -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA. 7+50.00	TO STA. 9+00.00			

(2) RS-3, BJR, (10) RS-4, N

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

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BY	
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TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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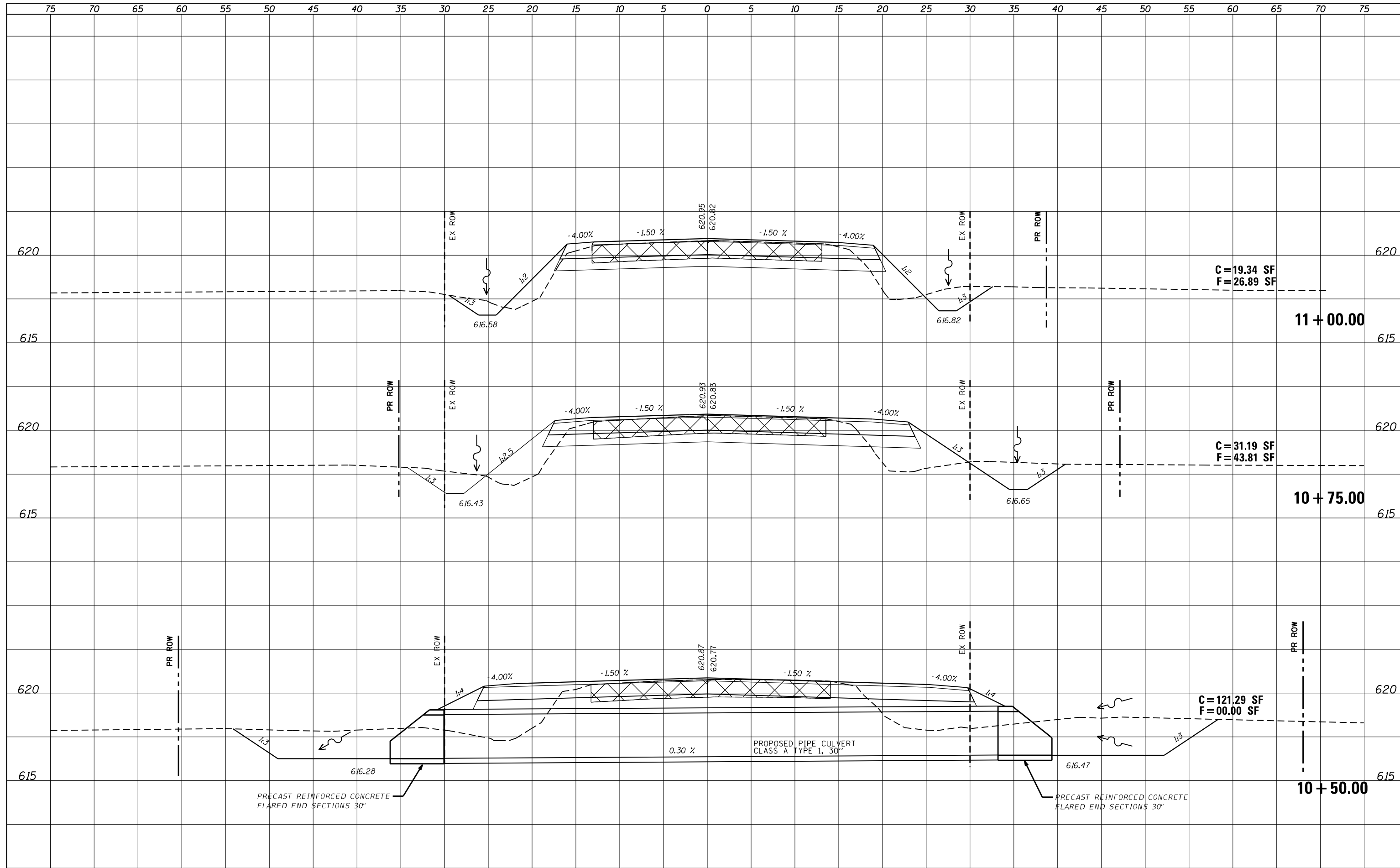


FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CH 1		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -	REVISOR -		ILLINOIS FED. AID PROJECT			CONTRACT NO. 7277			
Default	DATE -	REVISOR -	REVISOR -		SCALE:	SHEET	OF	SHEETS	STA. 9+35.00	TO STA. 10+30.40	

(2) RS-3, BJR, (10) RS-4, N

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

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



C = 19.34 SF
F = 26.89 SF

11 + 00.00

C = 31.19 SF
F = 43.81 SF

10 + 75.00

C = 121.29 SF
F = 00.00 SF

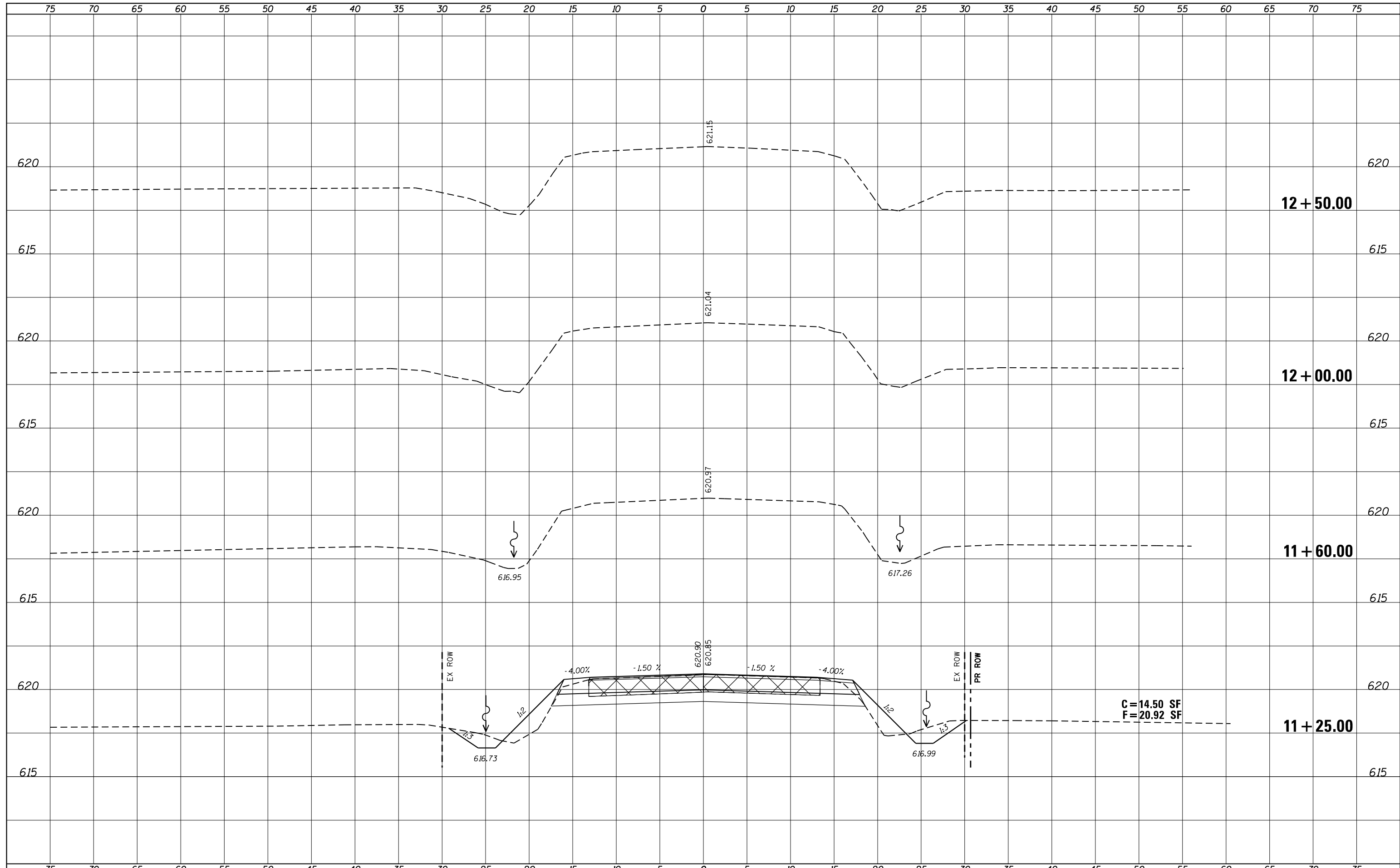
10 + 50.00

FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CH 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		REVISOR -	REVISOR -			71	*	LOGAN	63	58	
		CHECKED -	REVISOR -			CONTRACT NO. 72F77					
		DATE -	REVISOR -			SCALE:	SHEET	OF	SHEETS	STA. 10+50.00	TO STA. 11+00.00

(2) RS-3, BJR, (10) RS-4, N

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

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

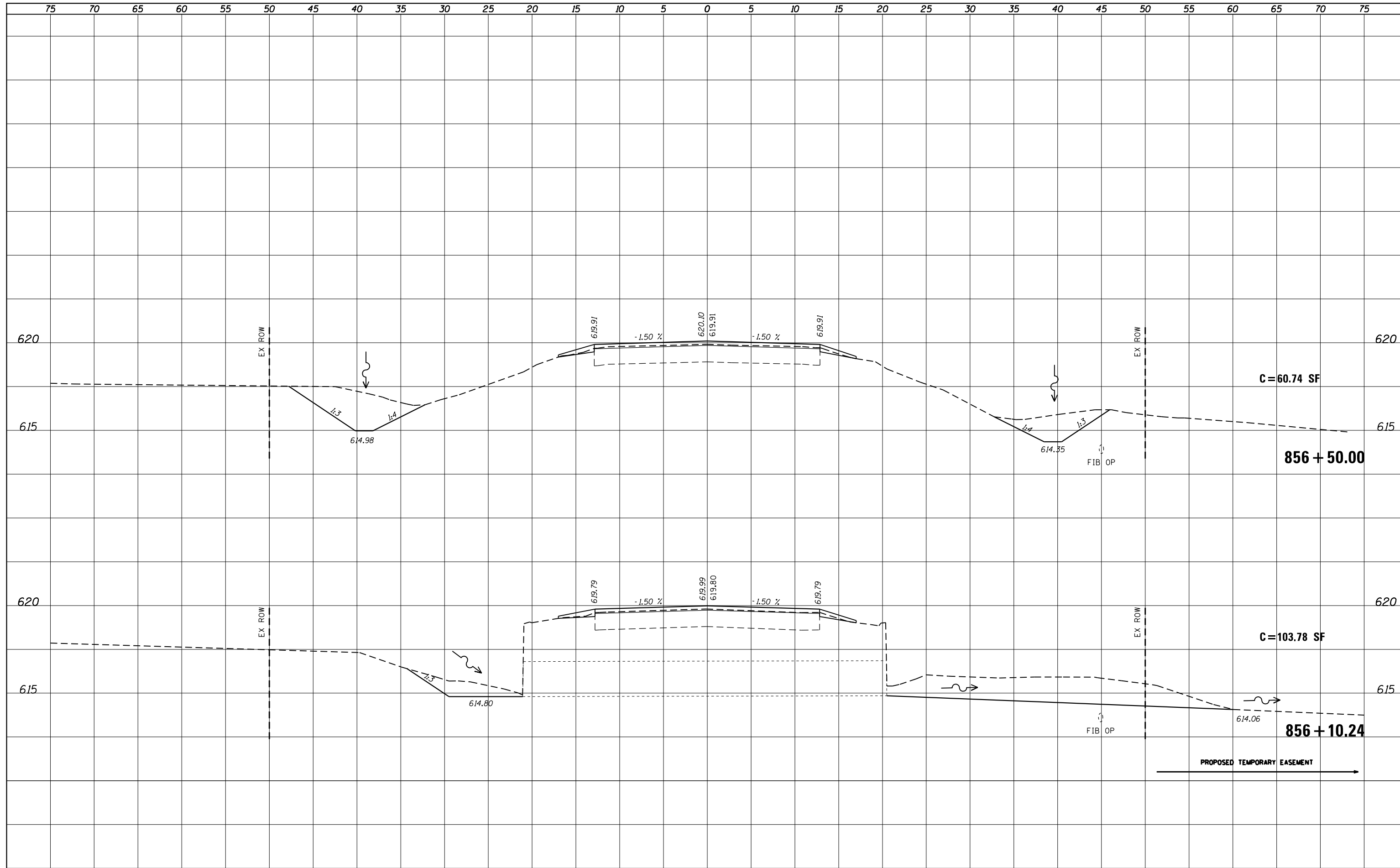


FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CH 1				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom\dot_illinois.gov\PWIDOT\Documents\IDOT Off	es\District 6\Projects\D672777\CADData\CADsheets\D67	DRAWN -	REVISIED -		71	*	LOGAN	63	59				
Default	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISIED -		CONTRACT NO. 72777								
	PLOT DATE = 12/13/2019	DATE -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA. 11+25.00	TO STA. 12+50.00	ILLINOIS	FED. AID PROJECT	

* (2) RS-3, BJR, (10) RS-4, N

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	

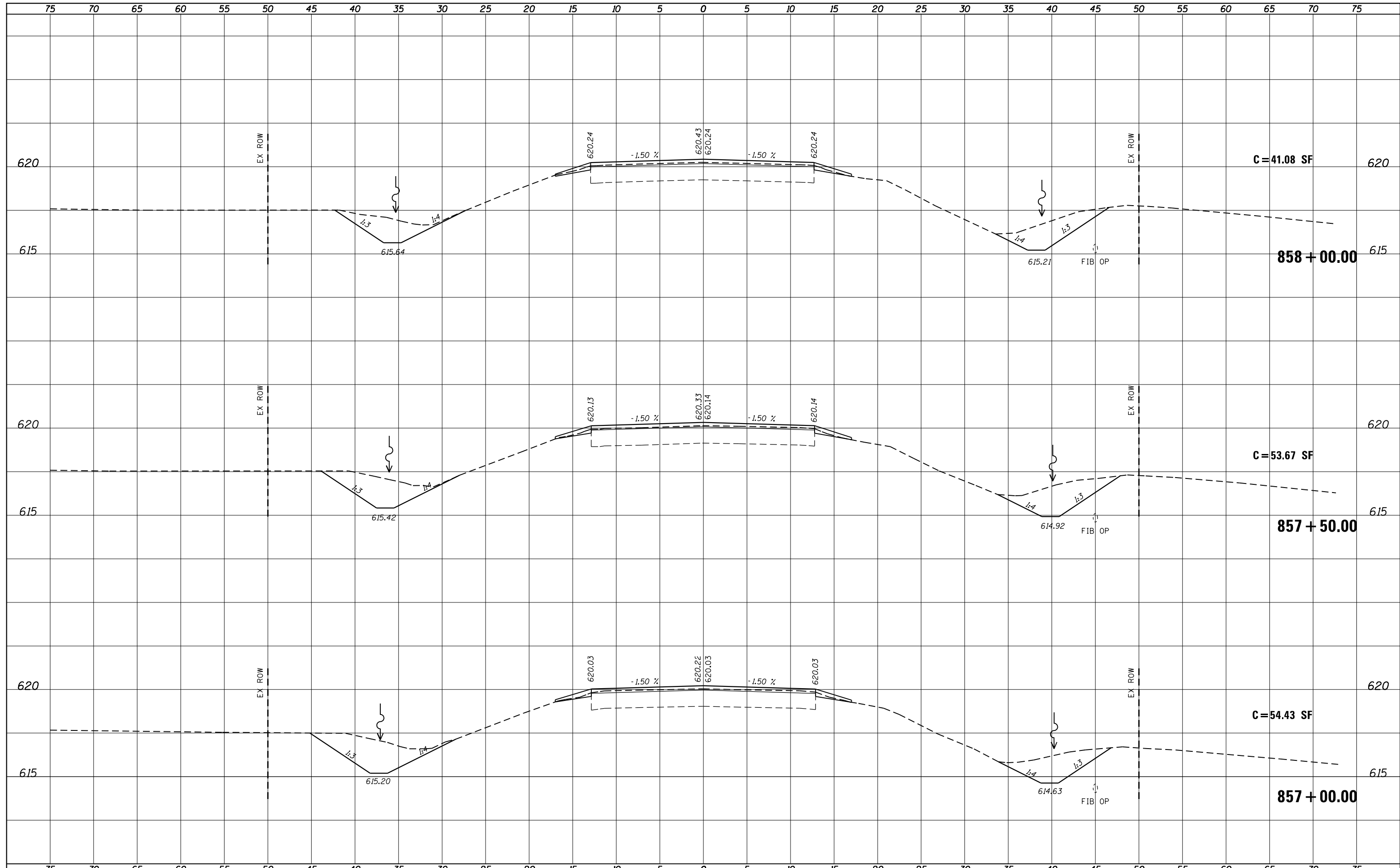


FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwa:\planroom\dot\illinois.gov\PWIDOT\Documents\DOT Office\District 6\Projects\D672F77\CADData\CADsheets\D672F77	DRAWN ML.dgn	CHECKED -	REVISIED -					71	*	LOGAN	63	60
Default	PLOT SCALE = 10.0000' / in.	DATE -	REVISIED -		CONTRACT NO. 72F77			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/13/2019				SCALE:	SHEET	OF	SHEETS	STA. 856+10.24 TO STA. 856+50.00			

(2) RS-3, BJR, (10) RS-4, N

DATE	
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FINAL SURVEY	
NOTE BOOK	
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TEMPLATE	
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CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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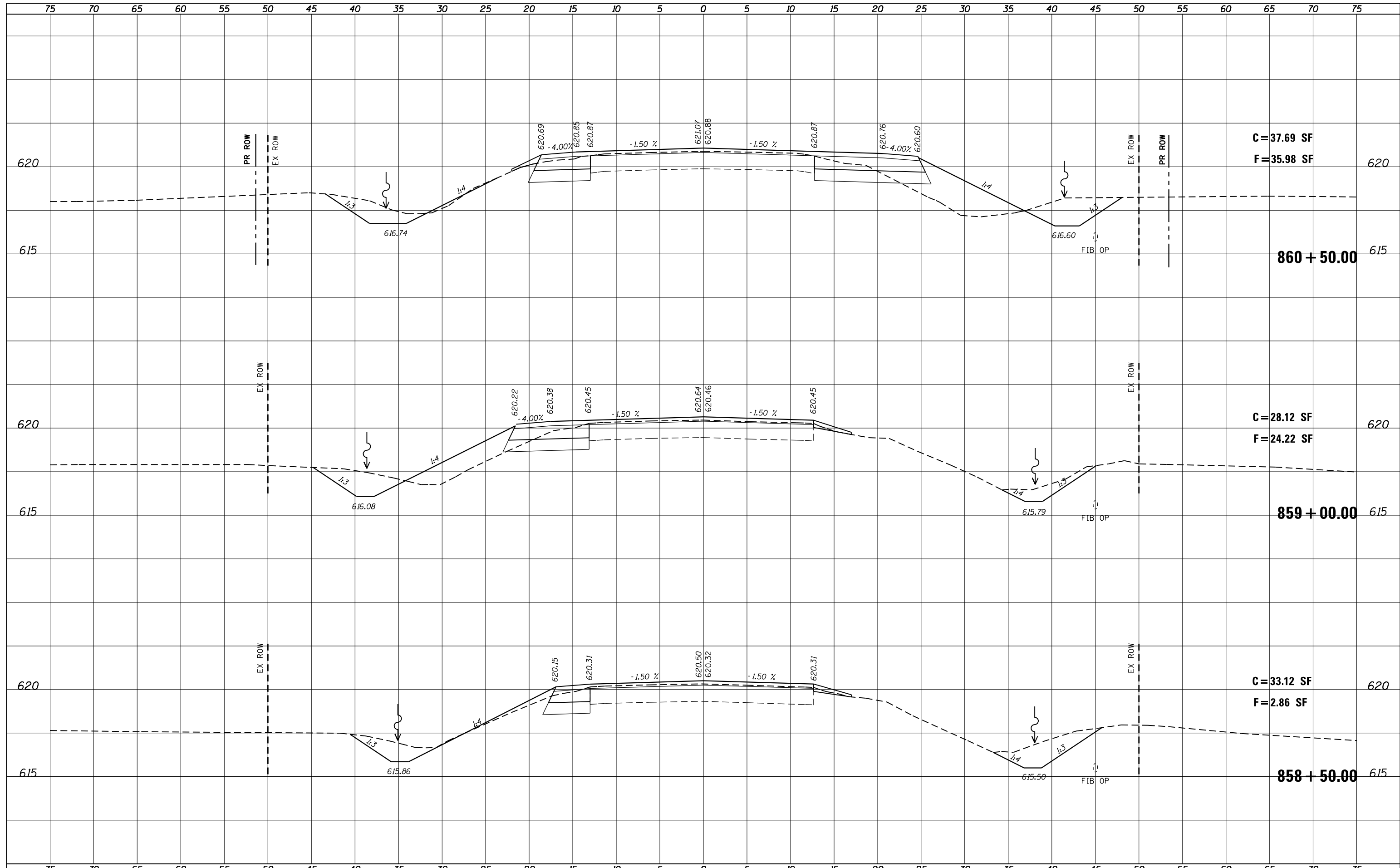


FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FAP 71 (IL 54)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pwa\planroom\dot_illinois.gov\PWIDOT\Documents\DOT Off	es\District 6\Projects\D672777\CADData\CADsheets\D67	DRAWN ML.dgn	REVISIED -			71	*	LOGAN	63	61	
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -			CONTRACT NO. 72777					
	PLOT DATE = 12/13/2019	DATE -	REVISIED -			ILLINOIS FED. AID PROJECT					

(2) RS-3, BJR, (10) RS-4, N

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
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CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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NOTE BOOK	
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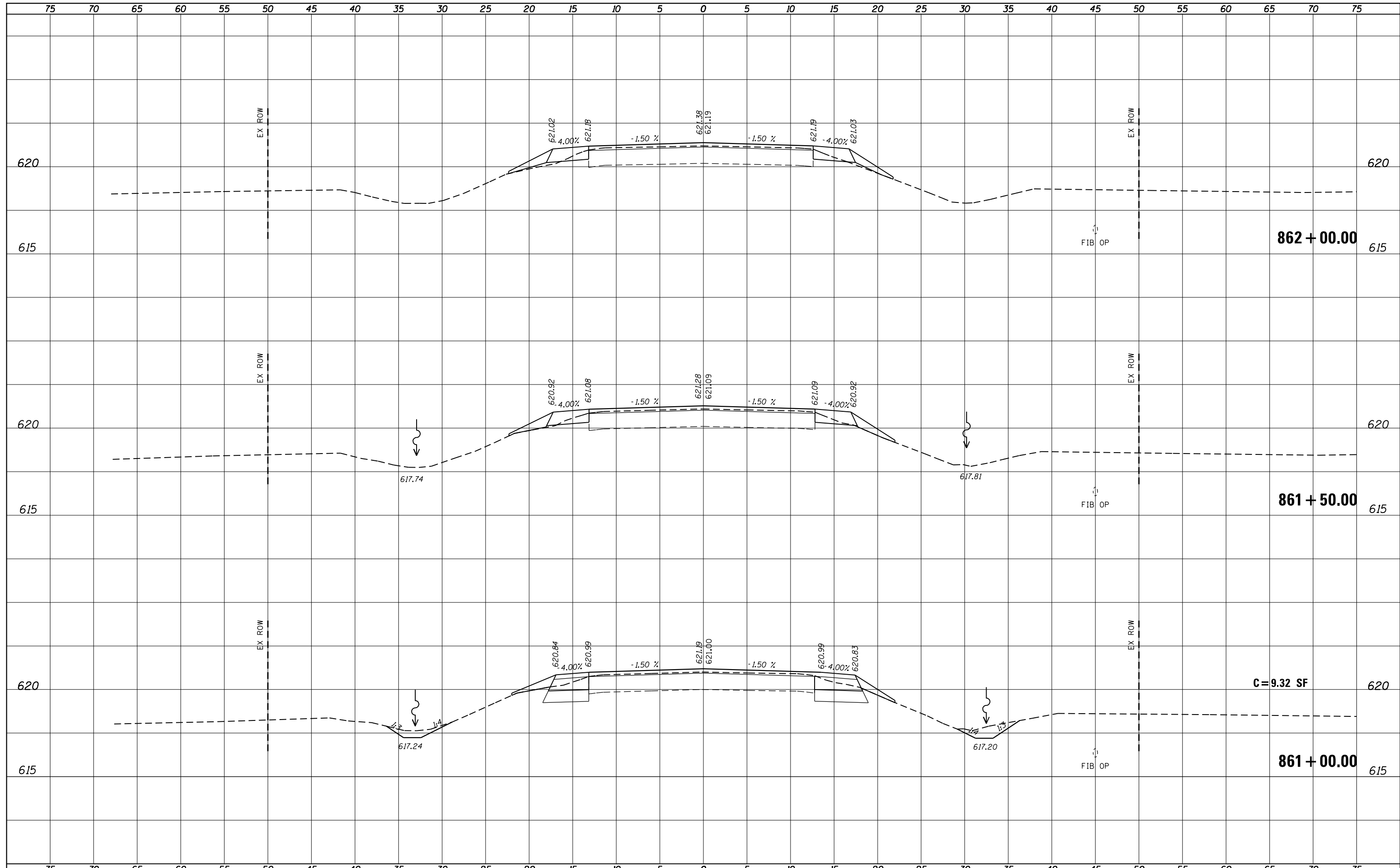


FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FAP 71 (IL 54)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwa\planroom\dot_illinois.gov\PWIDOT\Documents\IDOT Off	es\District 6\Projects\D672F77\CADData\CADsheets\D67	DRAWN ML.dgn	REVISOR -		71	*	LOGAN	63	62		
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -		CONTRACT NO. 72F77			ILLINOIS FED. AID PROJECT			
	PLOT DATE = 12/13/2019	DATE -	REVISOR -		SCALE:	SHEET	OF	SHEETS	STA. 858+50.00 TO STA. 860+50.00		

(2) RS-3, BJR, (10) RS-4, N

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

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



FILE NAME =	USER NAME = JACKCA	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FAP 71 (IL 54)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom\dot\illinois.gov\PWIDOT\Documents\DOT Off	es\District 6\Projects\D672F77\CADData\CADsheets\D67	DRAWN ML.dgn	REVISIED -		71	*	LOGAN	63	63			
Default	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISIED -		CONTRACT NO. 72F77			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/13/2019	DATE -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA. 861+00.00 TO STA. 862+00.00			

(2) RS-3, BJR, (10) RS-4, N