

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

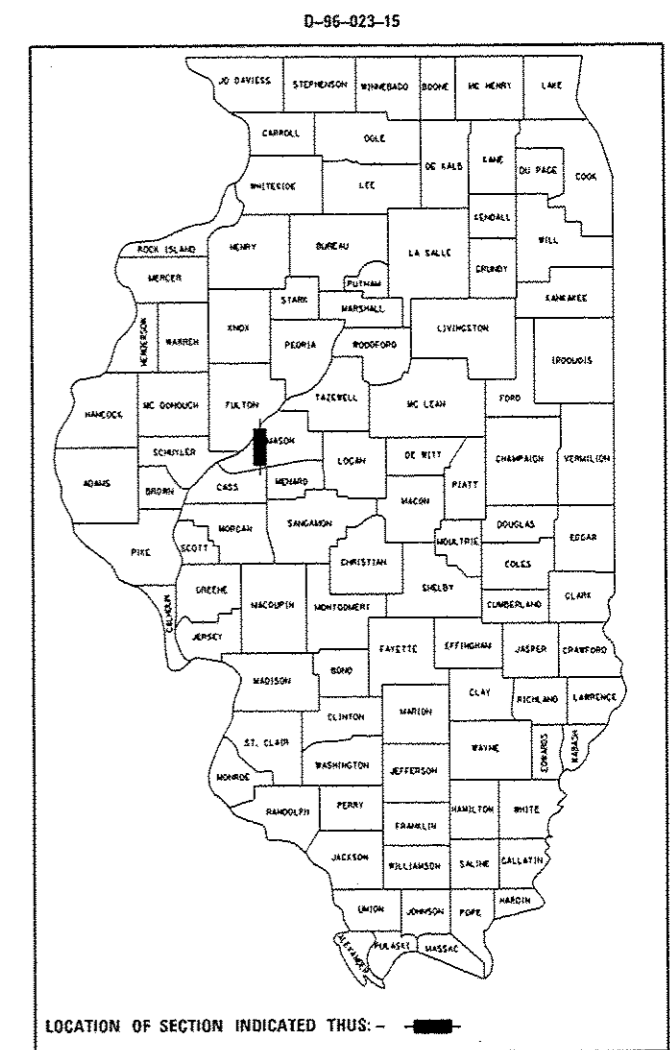
FAP ROUTE 34 (IL 97)
SECTION (1) RS-8
PROJECT ACF-0034 (030)
RESURFACING
MASON COUNTY

C-96-023-15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	1
ILLINOIS CONTRACT NO. 72H50				

INDEX OF SHEETS

- 1. COVER SHEET
- 2. HIGHWAY STANDARDS, GENERAL NOTES, BENCHMARKS & MIXTURE REQUIREMENTS
- 3-5. SUMMARY OF QUANTITIES
- 6-8. SCHEDULE OF QUANTITIES
- 9. ENTRANCE SCHEDULE
- 10-17. TYPICAL SECTIONS
- 18-24. IL 97 PLAN & PROFILE SHEETS
- 25-39. IL 97 PLAN SHEETS
- 40. MASON ST. PLAN & PROFILE SHEET
- 41-42. TEMPORARY EROSION CONTROL PLAN SHEETS
- 43. BUTT JOINT AND RAMP DETAIL
- 44-47. DISTRICT 6 3P & 3R ENTRANCE DETAIL SHEETS
- 48. SUPERELEVATION TRANSITION DETAIL SHEET
- 49-59. IL 97 CROSS SECTIONS
- 60-61. MASON STREET CROSS SECTIONS



FOR HIGHWAY STANDARDS,
SEE SHEET NO. 2

STATION EQUATION
STA. 96 + 48.30 BK =
STA. 96 + 50.64 AH

STATION EQUATION
STA. 297 + 16.38 BK =
STA. 297 + 36.44 AH

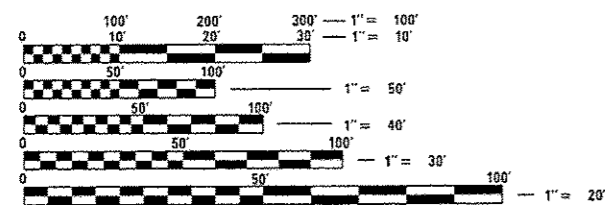
STATION EQUATION
STA. 477 + 35.12 BK =
STA. 477 + 40.90 AH

PROJECT BEGINS
STA. 47 + 15.47

RAILROAD OMISSION
STA. 82 + 89.32 TO
STA. 82 + 99.32

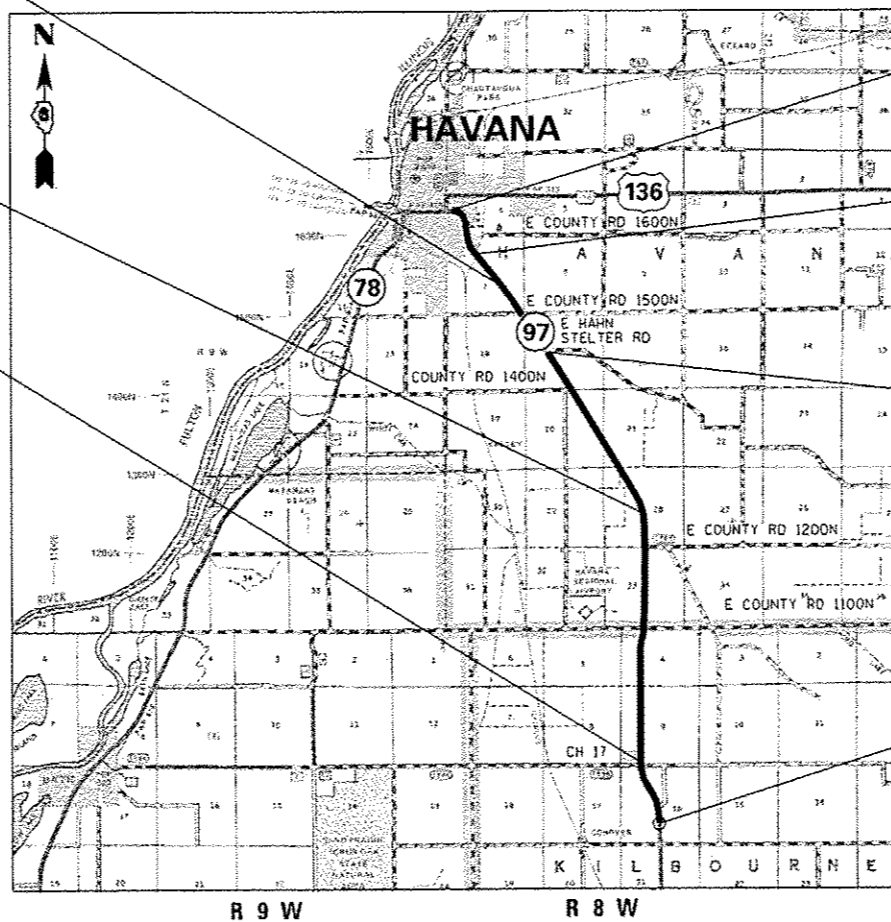
STATION EQUATION
STA. 165 + 14.51 BK =
STA. 165 + 15.79 AH

PROJECT ENDS
STA. 498 + 74.91



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



R 9 W R 8 W

GROSS AND NET LENGTH = 45,129.98 FT. = 8.55 MILE

PROJECT ENGINEER: KEITH DONOVAN (217) 782-4761
TEAM MANAGER: TOM COX (217) 557-6349

CONTRACT NO. 72H50

ADT = 2398 (2013)
SU = 6.2%
MU = 8.9%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 13, 2015
Rupa Z. Dandekar
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Oct 2, 2015
John D. Baranzelli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

Oct 2, 2015
Omar Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

HIGHWAY STANDARDS

- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 442201-03 CLASS C AND D PATCHES
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542401-01 METAL END SECTION FOR PIPE CULVERTS
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE 2L, 2W, MOVING OPERATIONS, DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-04 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS
- B.L.R. 22-7 TYPICAL APPLICATIONS OF TRAFFIC CONTROL FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS.

• SEE MASON STREET PLAN AND PROFILE SHEET FOR BENCHMARKS.

MIXTURE REQUIREMENTS

MIXTURE USE:	LEVEL BINDER	HMA SURFACE	HMA BASE COURSE & PATCHING	HMA SHOULDER & INCIDENTAL HMA
PG:	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL 9.5	IL 9.5	IL 19.0	IL 9.5
FRICITION AGGREGATE:	N/A	MIX "C"	N/A	MIX "C"
QUALITY MANAGEMENT:	OCP	OCP	OC/OA	OC/OA
SUBLOT SIZE:	1,000 TONS	1,000 TONS	N/A	N/A

GENERAL NOTES

1. ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS;
2. ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES;
3. THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO VERIFY NO PASSING ZONES AND PLACEMENT OF FINAL PAVEMENT MARKINGS. PHONE: 217-782-7314
4. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION; SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICES;
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123
6. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
7. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS, MONUMENTS, AND PERMANENT SURVEY MARKERS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSES OR OTHERWISE REFERENCED THEIR LOCATION.
8. THE EXISTING PAVED SHOULDER SECTION TO BE REMOVED AT MASON STREET ALONG IL 97 IS TO BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL.
9. NO PASSING ZONES SHALL BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS.
10. THIS PROJECT IS PART OF AN EXPERIMENTAL FEATURE WORK PLAN EVALUATING MIXTURE PERFORMANCE. NO SUBSTITUTIONS IN THE LIQUID ASPHALT GRADE OR N DESIGN VALUES SHOWN IN THE MIX REQUIREMENTS TABLE ARE ALLOWED WITH THE EXCEPTION OF INCIDENTAL HMA.
11. THE MAXIMUM PARTIAL DEPTH PATCH REMOVAL DEPTH IS 8 INCHES. IF THE PARTIAL DEPTH PATCH THICKNESS IS 5 INCHES OR GREATER, NO FULL-DEPTH PATCH IS REQUIRED REGARDLESS OF THE CONDITION OF THE EXPOSED PAVEMENT. (THESE VALUES WERE DETERMINED BASED ON AN ANALYSIS OF THE MINIMUM STRUCTURE REQUIRED FOR THE EXISTING TRAFFIC).
12. SUBBASE GRANULAR MATERIAL, AGGREGATE BASE COURSE, AND AGGREGATE SURFACE COURSE MATERIALS SHALL BE CRUSHED STONE.
13. THERE APPEARS TO BE A FIBER OPTIC LIN IN THE AREA OF DITCH GRADING. THIS UTILITY WAS NOT MARKED UP BY THE UTILITY COMPANY.

Pavement Core Data

Approximate Station	HMA Overlay Thickness*
157+25	6"
255+50	3.5"
383+50	7" to 9"
464+80	6.5"
495+00	4.5"

*Variation should be expected outside of the cored area.

MIXTURE USE:	LEVEL BINDER (MM), SPECIAL *	POLYMERIZED HMA SURFACE *
PG:	PG58-28	PG64-28
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL 9.5	IL 9.5
FRICITION AGGREGATE:	N/A	MIX "C"
QUALITY MANAGEMENT:	OC/OA	OCP
SUBLOT SIZE:	N/A	800 TONS

• SEE SPECIAL PROVISIONS

DISTRICT SIX

EXAMINED JULY 22nd 20 15

Jim C. Wynn

OPERATIONS ENGINEER

EXAMINED July 27 20 15

Ron Chambers

PROJECT IMPLEMENTATION ENGINEER

EXAMINED August 13 20 15

Jeffrey P. Meyer

PROGRAM DEVELOPMENT ENGINEER

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS #	
				6-00688-0000	80% FED 20% STATE ROADWAY 0005
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	100	100	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	6,628	6,628	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	304	304	
50105220	PIPE CULVERT REMOVAL	FOOT	514	514	
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	124	124	
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	382	382	
54200223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	35	35	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4	
54215550	METAL END SECTIONS 15"	EACH	14	14	
54215553	METAL END SECTIONS 18"	EACH	2	2	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS #	
				6-00688-0000	80% FED 20% STATE ROADWAY 0005
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13,539	13,539	
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	108,788	108,788	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,504	1,504	
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	108,788	108,788	
* 78004200	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS AND SYMBOLS	SQ FT	122	122	
* 78004280	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	78	78	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	564	564	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	564	564	
X0556100	PARTIAL-DEPTH PATCHING (SPECIAL)	SQ YD	1,150	1,150	
X4060605	LEVELING BINDER (MACHINE METHOD), SPECIAL	TON	880	880	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	128,639	128,639	
X4406010	PARTIAL DEPTH REMOVAL, TYPE I, VARIABLE DEPTH	SQ YD	50	50	

* SPECIALTY ITEM

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTCL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\\L084EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\06700000\06700000\CAD\Sheet\0672150-sh1-500.dwg	sparkag	08/13/2015	08/13/2015			34	(1) RS-8	MASON	61	4	
PLOT SCALE * 100.0000 1/16"	CHECKED -	REVISOR -	REVISOR -			CONTRACT NO. 72H50					
Default	PLOT DATE * 8/13/2015	DATE -	REVISOR -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS #
				6-00688-0000 80% FED 20% STATE ROADWAY 0005
X4406210	PARTIAL DEPTH REMOVAL, TYPE II, VARIABLE DEPTH	SO YD	925	925
X4406410	PARTIAL DEPTH REMOVAL, TYPE III, VARIABLE DEPTH	SO YD	200	200
X4406610	PARTIAL DEPTH REMOVAL, TYPE IV, VARIABLE DEPTH	SO YD	200	200
X4421000	PARTIAL DEPTH PATCHING	TON	385	385
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

FILE NAME :	USER NAME : gpkhgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084610\INTEG.illinois.gov\PI00T\Documents\100T Offices\District 6\Projects\DG72\DATA\00Data\00sheets\0672H50-shr-500.d	PLT SCALE * 100.0000 / in.	CHECKED -	REVISED -		34	(1) RS-8	MASON	61	5				
Default	PLT DATE * 8/13/2015	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 72H50 ILLINOIS FED. AID PROJECT		

	EARTHWORK SCHEDULE			
	EARTH EXCAVATION	EXCAVATIONS ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE (WASTE (+), SHORTAGE (-))
	2020100	CU YD	CU YD	CU YD
IL 97	1,651	1,238	64	1,174
MASON ST.	32	24	0	24
TOTAL	1,683	1,262	64	1,198

	SEEDING					
	25000200	25000400	25000500	25000600	25000700	25100115
	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIME/STONE	MULCH, METHOD 2
STA. 55+00 TO STA. 82+65	ACRE	POUND	POUND	POUND	TON	ACRE
41382	0.95	86	86	86	1.9	0.95

40600982			
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SQ YD)			
LOCATION STATION TO STATION		LENGTH FT	TOTAL SQ YD
STA. 47+15.47	TO STA. 47+50.47 LT	35.0	50.6
STA. 47+15.47	TO STA. 47+50.47 RT	35.0	50.6
STA. 82+54.32	TO STA. 82+89.32 LT	35.0	62.2
STA. 82+54.32	TO STA. 82+89.32 RT	35.0	62.2
STA. 82+99.32	TO STA. 83+34.32 LT	35.0	62.2
STA. 82+99.32	TO STA. 83+34.32 RT	35.0	62.2
STA. 498+39.91	TO STA. 498+74.91 LT	35.0	50.6
STA. 498+39.91	TO STA. 498+74.91 RT	35.0	50.6
SUBTOTAL =			451
SUBTOTAL FROM ENTRANCE SCHEDULE =			3,245
TOTAL QUANTITY =			3,696

MAINLINE IMPROVEMENTS									
LOCATION STATION TO STATION		LENGTH FT	WIDTH FT	AREA SQ YD	40600275 BITUMINOUS MATERIALS PRIME COAT POUND	40600625 LEVEL, BIND. (MACHINE METHOD) N50 d = 3/4" TON	40603310 HMA SURF. COURSE MIX "C", N 50 d=1 1/2" TON	40603510 POLY. HMA SURF. COURSE MIX "C", N50 d = 1 1/2" TON	X4060605 LEVEL BINDER (SPECIAL) (METHOD) d=3/4" TON
STA. 47+15.47	TO STA. 61+67.30	1,451.83	26.0	4,194.18	2,831.07	176.16	352.31		
STA. 61+67.30	TO STA. 64+07.72	240.42	26.0	801.40	540.95	33.66	67.32		
STA. 64+07.72	TO STA. 82+89.32	1,881.60	26.0	2,388.07	1,611.95	100.30	200.60		
STA. 82+99.32	TO STA. 96+48.30 BK	1,348.98	26.0	6,857.32	4,628.69	288.01	576.01		
STA. 96+50.64 AH	TO STA. 103+75.60	724.96	26.0	2,718.60	1,835.06	114.18	228.36		
STA. 103+75.60	TO STA. 130+00.00	2,624.40	26.0	7,581.60	5,117.58	318.43	636.85		
STA. 130+00.0 NB	TO STA. 165+14.51 NB BK	3,514.51	13.0	5,076.51	3,426.65	213.21		426.43	
STA. 130+00.0 SB	TO STA. 165+14.51 SB BK	3,514.51	13.0	5,076.51	3,426.65	213.21		426.43	
STA. 165+15.79AH NB	TO STA. 297+16.38BK NB	13,200.59	13.0	19,067.52	12,870.58	800.84		1,601.67	
STA. 165+15.79AH NB	TO STA. 297+16.38BK SB	13,200.59	13.0	19,067.52	12,870.58	800.84		1,601.67	
STA. 297+36.4 AH NB	TO STA. 325+00.0 NB	2,763.56	13.0	3,991.81	2,694.47	167.66		335.31	
STA. 297+36.4 AH SB	TO STA. 315+00.0 SB	1,763.56	13.0	2,547.36	1,719.47	106.99		213.98	
STA. 315+00.0 SB	TO STA. 458+99.4 SB	14,399.43	13.0	20,799.18	14,039.44			1,747.13	873.57
STA. 325+00.0 NB	TO STA. 458+99.4 NB	13,399.43	13.0	19,354.73	13,064.44	812.90		1,625.80	
STA. 458+99.4 SB	TO STA. 460+00.0 SB	100.57	14.0	156.44	105.60			13.14	6.57
STA. 460+00.00	TO STA. 466+24.62	624.62	28.0	1,943.26	1,311.70	81.62		163.23	
STA. 466+24.62	TO STA. 477+35.12BK	1,110.50	26.0	3,208.11	2,165.48	134.74		269.48	
STA. 477+40.9 AH	TO STA. 493+02.28	1,561.38	26.0	4,510.65	3,044.69	189.45		378.89	
STA. 493+02.28	TO STA. 497+11.87	409.59	28.0	1,274.28	860.14	53.52		107.04	
STA. 497+11.87	TO STA. 498+74.91	163.04	26.0	471.00	317.93	19.78		39.56	
SUBTOTAL =					88,483	4,625	8,648	2,363	880
ENTRANCE AND MASON ST. TOTAL =					1,905	0	40		
TOTAL =					90,388	4,625	8,688	2,363	880

40600990			
TEMPORARY RAMP			
LOCATION	LENGTH 1:40 (V:H) FT	WIDTH FT	40600990 SQ YD
STA 47+15.47	5.00	26.0	14.44
STA 53+50.00	5.00	96.4	53.56
STA 67+81.00	5.00	86.2	47.89
STA 82+89.32	5.00	26.0	14.44
STA 89+99.32	5.00	26.0	14.44
STA 132+53.0	5.00	57.1	31.72
STA 132+66.0	5.00	76.8	42.67
STA 163+82.0	5.00	94.1	52.28
STA 194+55.0	5.00	84.7	47.06
STA 313+65.0	5.00	117.7	65.39
STA 368+08.0	5.00	65.4	36.33
STA 368+08.0	5.00	68.5	38.06
STA 459+99.0	5.00	101.1	56.17
STA 460+00.0	5.00	57.5	31.94
STA 492+25.0	5.00	66.6	36.98
STA 498+74.9	5.00	26.0	14.44
SUBTOTAL =			598
SUBTOTAL FROM ENTRANCE SCHEDULE =			540
TOTAL QUANTITY =			1138

44000158 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" (SQ YD)				
LOCATION STATION TO STATION		LENGTH FT	WIDTH FT	AREA SQ YD
STA. 458+99.43	TO STA. 466+24.62	725.19	28.0	2,256.15
STA. 493+02.28	TO STA. 498+39.91	537.63	28.0	1,672.63
TOTAL =				3,929

50105220 PIPE CULVERT REMOVAL					
LOCATION STATION TO STATION					LENGTH (FT)
STA. 62+46.0 IL 97	TO STA. 62+81.00 IL 97				35.00
STA. 67+63.0 IL 97	TO STA. 68+10.00 IL 97				47.00
STA. 70+32.0 IL 97	TO STA. 70+94.0 IL 97				62.00
STA. 71+50.66 IL 97	TO STA. 71+50.66 IL 97				59.00
STA. 73+76.00 IL 97	TO STA. 74+49.00 IL 97				73.00
STA. 76+05.0 IL 97	TO STA. 76+55.00 IL 97				50.00
STA. 77+14.00 IL 97	TO STA. 77+77.00 IL 97				63.00
STA. 78+67.00 IL 97	TO STA. 79+10.00 IL 97				43.00
STA. 79+42.00 IL 97	TO STA. 79+83.00 IL 97				41.00
STA. 80+04.0 IL 97	TO STA. 80+45.0 IL 97				41.00
TOTAL =					514

48102100 AGGREGATE WEDGE SHOULDER, TYPE B							
LOCATION STATION TO STATION				LENGTH FT	WIDTH FT	AREA SQ FT	48102100 TON
STA. 47+15.47	TO STA. 61+67.30	LT	1451.83	3.0	4355.49	82.67	
STA. 47+15.47	TO STA. 61+67.30	RT	1451.83	3.0	4355.49	82.67	
STA. 61+67.30	TO STA. 64+07.72	LT	240.42	3.0	721.26	13.69	
STA. 61+67.30	TO STA. 64+07.72	RT	240.42	3.0	721.26	13.69	
STA. 64+07.72	TO STA. 82+89.32	LT	1881.60	3.0	5644.8	107.15	
STA. 64+07.72	TO STA. 82+89.32	RT	1881.60	3.0	5644.8	107.15	
STA. 82+99.32	TO STA. 83+48.39	LT	49.07	3.0	147.21	2.79	
STA. 82+99.32	TO STA. 83+48.39	RT	49.07	3.0	147.21	2.79	
STA. 83+48.39	TO STA. 96+48.30 BK	LT	1299.91	4.0	5199.64	98.70	
STA. 83+48.39	TO STA. 96+48.30 BK	RT	1299.91	4.0	5199.64	98.70	
STA. 96+50.64 AH	TO STA. 103+75.60	LT	724.96	4.0	2899.84	55.04	
STA. 96+50.64 AH	TO STA. 103+75.60	RT	724.96	4.0	2899.84	55.04	
STA. 103+75.60	TO STA. 165+14.5 BK	LT	6138.91	4.0	24555.64	466.10	
STA. 103+75.60	TO STA. 165+14.5 BK	RT	6138.91	4.0	24555.64	466.10	
STA. 165+15.79 AH	TO STA. 297+16.3 BK	LT	13200.59	4.0	52802.36	1002.27	
STA. 165+15.79 AH	TO STA. 297+16.3 BK	RT	13200.59	4.0	52802.36	1002.27	
STA. 297+36.44 AH	TO STA. 458+99.43	LT	16162.99	4.0	64651.96	1227.19	
STA. 297+36.44 AH	TO STA. 458+99.43	RT	16162.99	4.0	64651.96	1227.19	
STA. 458+99.43	TO STA. 466+24.62	RT	725.19	4.0	2900.76	55.06	
STA. 466+24.62	TO STA. 477+35.1 BK	LT	1110.50	4.0	4442	84.32	
STA. 466+24.62	TO STA. 477+35.1 BK	RT	1110.50	4.0	4442	84.32	
STA. 477+40.90 AH	TO STA. 493+02.28	LT	1561.38	4.0	6245.52	118.55	
STA. 477+40.90 AH	TO STA. 493+02.28	RT	1561.38	4.0	6245.52	118.55	
STA. 493+02.28	TO STA. 497+11.87	LT	409.59	4.0	1638.36	31.10	
STA. 497+11.87	TO STA. 498+74.91	LT	163.04	4.0	652.16	12.38	
STA. 497+11.87	TO STA. 498+74.91	RT	163.04	4.0	652.16	12.38	
TOTAL =							6,628

LOCATION STATION TO STATION	UPSTREAM END EACH	CU YD	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	METAL END SECTIONS 15"	METAL END SECTIONS 18"
STA. 62+46.00 TO STA. 62+81.00	1	10.52			2
STA. 67+48.00 TO STA. 68+30.00	1	24.35	2		
STA. 70+32.00 TO STA. 70+94.00	1	18.95		2	
STA. 71+50.66 LT TO STA. 71+50.66 RT	1	17.44	2		
STA. 73+76.00 TO STA. 74+49.00	1	22.36		2	
STA. 76+04.00 TO STA. 76+55.00	1	18.95		2	
STA. 77+14.00 TO STA. 77+76.00	1	19.26		2	
STA. 78+67.00 TO STA. 79+12.00	1	13.67		2	
STA. 79+43.00 TO STA. 79+83.00	1	12.42		2	
STA. 80+04.00 TO STA. 80+45.00	1	12.74		2	
TOTAL =	10	171	4	14	2

48203100 HOT-MIX ASPHALT SHOULDERS					
LOCATION STATION TO STATION		LENGTH FT	WIDTH FT	48203100 d=2.25" TON	
BITUMINOUS SURFACE / BINDER (112 LBS) RATE - 0.056 TON/SQ YD*IN					
STA. 47+15.47	TO STA. 61+67.30	LT	1451.83	3.0	60.98
STA. 47+15.47	TO STA. 61+67.30	RT	1451.83	3.0	60.98
STA. 61+67.30	TO STA. 64+07.72	LT	240.42	3.0	10.10
STA. 61+67.30	TO STA. 64+07.72	RT	240.42	3.0	10.10
STA. 64+07.72	TO STA. 82+89.32	LT	1881.60	3.0	79.03
STA. 64+07.72	TO STA. 82+89.32	RT	1881.60	3.0	79.03
STA. 82+99.32	TO STA. 83+48.39	LT	49.07	3.0	2.06
STA. 82+99.32	TO STA. 83+48.39	RT	49.07	3.0	2.06
TOTAL =				304	

542A0223 PIPE CULVERTS, CLASS A, TYPE 1 18"			LENGTH FT	DSFL EL FT	USFL EL FT
STA. 67+54.00	TO STA. 68+24.00		70	469.93	470.13
STA. 71+50.66 LT	TO STA. 71+50.66 RT		54	471.08	471.35
TOTAL =			124		
542D0223 PIPE CULVERTS, CLASS D, TYPE 1 18"			LENGTH FT	DSFL EL FT	USFL EL FT
STA. 62+46.00	TO STA. 62+81.00		35		
TOTAL =			35		
542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15"			LENGTH FT	DSFL EL FT	USFL EL FT
STA. 70+32.00	TO STA. 70+94.00		61	470.74	470.92
STA. 73+76.00	TO STA. 74+49.00		72	472.02	472.33
STA. 76+04.00	TO STA. 76+65.00		61	472.97	473.23
STA. 77+14.00	TO STA. 77+76.00		62	473.44	473.7
STA. 78+67.00	TO STA. 79+12.00		45	474.09	474.27
STA. 79+43.00	TO STA. 79+83.00		40	474.4	474.56
STA. 80+04.00	TO STA. 80+45.00		41	474.66	474.83
TOTAL =			382		

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG.illinois.gov\PIWIDOT Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\Drawings\0672H50-sht-sched		CHECKED -	REVISED -
Default	PLOT DATE = 8/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H50	

LOCATION STATION TO STATION	70300230 & 78001120 TEMPORARY & PAINT PAVEMENT MARKING 5"				70300100 SHORT TERM PAVEMENT MARKING FT	70301000 WORK ZONE PAVEMENT MARKING REMOVAL SQ FT
	WHITE SOLID FT	YELLOW SKIP-DASH FT	YELLOW SOLID FT	YELLOW DBL-SOLID FT		
STA. 47+15.47 TO STA. 96+48.3 BK	9866	1,233			1480	164
STA. 96+50.6 AH TO STA. 165+14. BK	13728	1,716			2059	229
STA. 165+15. AH TO STA. 279+00.00	22768	2,846			3415	379
STA. 279+00.00 TO STA. 285+00.00	1200		600		180	20
STA. 285+00.00 TO STA. 296+00.00	2200			2200	330	37
STA. 296+00.00 TO STA. 297+16. BK	233	29			35	4
STA. 297+36. AH TO STA. 442+00.00	28927	3,616			4339	482
STA. 442+00.00 TO STA. 449+00.00	1400		700		210	23
STA. 449+00.00 TO STA. 470+00.00	4200			4200	630	70
STA. 470+00.00 TO STA. 477+35. BK	1470		735		221	25
STA. 477+40. AH TO STA. 479+00.00	318		159		48	5
STA. 479+00.00 TO STA. 498+74.91	3950	494			592	66
TOTAL =	90,260	9,934	2,194	6,400	13,539	1,504

X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SQ YD)						
LOCATION STATION TO STATION	LENGTH FT	WIDTH FT	AREA SQ YD			
STA. 47+50.47 TO STA. 61+67.30	1,416.83	32.0	5,037.62			
STA. 61+67.30 TO STA. 64+07.72	240.42	32.0	854.83			
STA. 64+07.72 TO STA. 82+54.32	1,846.60	32.0	6,565.69			
STA. 83+34.32 TO STA. 83+48.37	14.05	32.0	49.95			
STA. 83+48.37 TO STA. 96+48.3 BK	1,299.93	26.0	3,755.35			
STA. 96+50.64 AH TO STA. 103+75.60	724.96	26.0	2,094.33			
STA. 103+75.60 TO STA. 115+83.07	1,207.47	26.0	3,488.25			
STA. 115+83.07 TO STA. 165+14. BK	4,931.44	26.0	14,246.38			
STA. 165+15.7 AH TO STA. 281+37.43	11,621.64	26.0	33,573.63			
STA. 281+37.43 TO STA. 294+33.98	1,296.55	26.0	3,745.59			
STA. 294+33.98 TO STA. 297+16. BK	282.40	26.0	815.82			
STA. 297+36.4 AH TO STA. 355+11.36	5,774.92	26.0	16,683.10			
STA. 355+11.36 TO STA. 356+26.31	114.95	26.0	332.08			
STA. 356+26.31 TO STA. 369+23.96	1,297.65	26.0	3,748.77			
STA. 369+23.96 TO STA. 380+27.60	1,103.64	26.0	3,188.29			
STA. 380+27.60 TO STA. 458+99.43	7,871.83	26.0	22,740.84			
STA. 466+24.62 TO STA. 474+52.72	828.10	26.0	2,392.29			
STA. 474+52.72 TO STA. 477+35. BK	282.40	26.0	815.82			
STA. 477+40.9 AH TO STA. 480+48.32	307.42	26.0	888.10			
STA. 480+48.32 TO STA. 493+02.28	1,253.96	26.0	3,622.55			
TOTAL =			128,639			

78100100 & 78300200 RAISED REFLECTIVE PAVEMENT MARKER & REMOVAL					
LOCATION STATION TO STATION	LENGTH FT	7810010 EACH	78300200 EACH		
STA. 47+15.47 TO STA. 96+48.3 BK	4,932.83	62	62		
STA. 96+50.6 AH TO STA. 165+14. BK	6,863.87	86	86		
STA. 165+15. AH TO STA. 297+16. BK	13,200.59	165	165		
STA. 297+36. AH TO STA. 477+35. BK	17,998.68	225	225		
STA. 477+40. AH TO STA. 498+74.91	2,134.01	27	27		
TOTAL =	45,129.98	564	564		

MASON STREET

31100700 SUBBASE GRANULAR MATERIAL, TYPE A 8"			
LOCATION STATION TO STATION	AREA (SQ YD)		
STA 67+18.95 IL 97 TO STA. 11+18.48 MASON ST.	231.55		
STA 68+50.24 IL 97 TO STA. 11+18.48 MASON ST.	241.34		
*AREAS MEASURED USING MICROSTATION TOTAL =	473		

40600275 BITUMINOUS MATERIALS (PRIME COAT)		
LOCATION STATION TO STATION	POUND	
STA 67+18. IL 97 TO STA. 11+18. MASON ST.	156.30	
STA 68+50. IL 97 TO STA. 11+18. MASON ST.	162.90	
*AREAS MEASURED USING MICROSTATION TOTAL =	319	

35501302 HOT-MIX ASPHALT BASE COURSE, 4 1/2"			
LOCATION STATION TO STATION	AREA (SQ YD)		
STA 67+18.95 IL 97 TO STA. 11+18.48 MASON ST.	231.55		
STA 68+50.24 IL 97 TO STA. 11+18.48 MASON ST.	241.34		
*AREAS MEASURED USING MICROSTATION TOTAL =	473		

40603310 HMA SURFACE COURSE MIX "C", N50 1 1/2"		
LOCATION STATION TO STATION	TOTAL (TON)	
STA 67+18.95 IL 97 TO STA. 11+18.48 MASON ST.	19.45	
STA 68+50.24 IL 97 TO STA. 11+18.48 MASON ST.	20.27	
*AREAS MEASURED USING MICROSTATION TOTAL =	40	

	78004200 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- INLAID- LETTERS AND SYMBOLS SQ FT	78004280 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- INLAID- LINE 24" FOOT
2 RR "X"	108	
4 RR "R"	14.4	
6 STOP LINES		78
TOTAL =	122	78

44000200 DRIVEWAY PAVEMENT REMOVAL			
LOCATION STATION TO STATION	AREA (SQ YD)		
STA 10+15.65 IL 97 TO STA. 10+23.34 MASON ST.	46.80		
*AREAS MEASURED USING MICROSTATION TOTAL =	47		

20200100 EARTH EXCAVATION			
LOCATION STATION TO STATION	AREA (CU YD)		
STA 10+23.34 IL 97 TO STA. 11+18.48 MASON ST.	32.00		
*AREAS MEASURED USING MICROSTATION TOTAL =	32		

FILE NAME =	USER NAME = spksgw	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG\Illinois.gov\PIW\DOT\Documents\DOT Offices\District 6\Projects\D67250\Drawings\Sheet\67250-11-11\67250-11-11.sht		CHECKED -	REVISED -
Default	PLOT DATE = 8/13/2015	DATE -	REVISED -

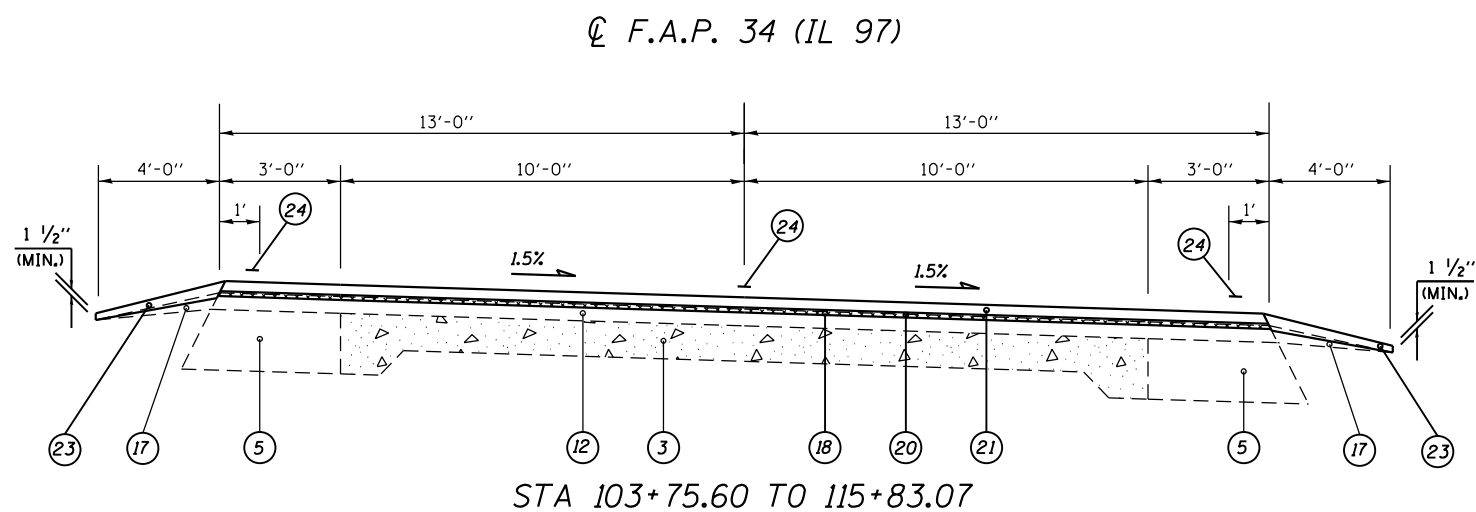
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H50	

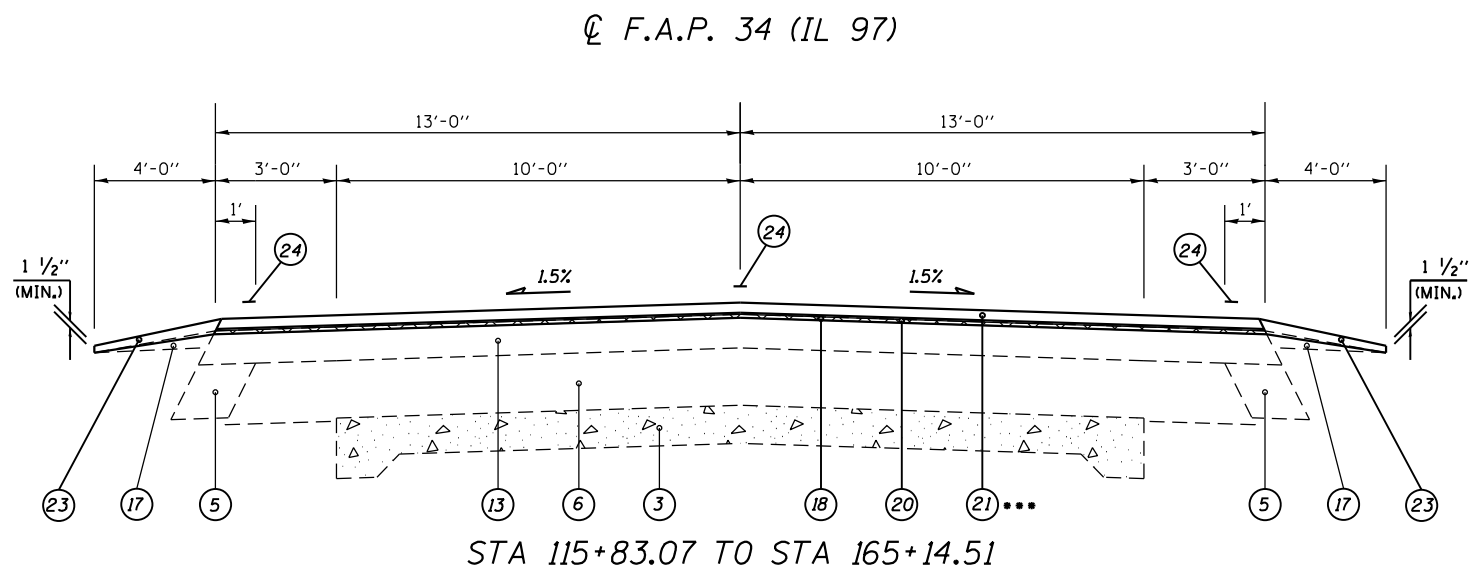
ENTRANCE SCHEDULE																			
LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	AREA	44000200	40600982	35800100	35101800	35102000	40600275	40800050	42300200	42300400	40600990	40200800					
				DRIVEWAY PAVEMENT REMOVAL	HMA SURFACE REMOVAL - BUTT JOINT	PREPARATION OF BASE	AGGREGATE BASE COURSE TYPE B 6"	AGGREGATE BASE COURSE TYPE B 8"	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HMA SURFACING	PCC DRIVEWAY PAVEMENT (6")	PCC DRIVEWAY PAVEMENT (8")	TEMPORARY RAMP	AGGREGATE SURFACE COURSE, TYPE B					
			SO YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	POUND	TON	SO. YD.	SO. YD.	SO. YD.	TON						
RT STA 48+38	CE	AGG	41.6		41.6				18.70	5.2				3.8					
RT STA 53+50	SIDE ROAD	HMA	210.3		210.3				94.63	26.5			53.6						
RT STA 67+81	SIDE ROAD	HMA	166.1		166.1				74.76	20.9			47.9						
LT STA 70+63	CE	PCC	163.0	134.3		134.3						134.3							
RT STA 70+84	CE	AGG	85.1		85.1				38.29	10.7				8.1					
RT STA 72+78	CE	AGG	76.5		76.5				34.41	9.6				8.1					
LT STA 74+05	CE	AGG	206.3	65.6		65.6		110.7	43.01	42.8				14.4					
RT STA 74+29	CE	AGG	32.5		32.5				14.64	4.1				2.6					
RT STA 75+25	CE	HMA	76.5		76.5				34.45	9.6									
LT STA 76+32	CE	AGG	163.3	31.3		31.3		112.1	23.04	22.9				7.5					
RT STA 76+42	CE	AGG	58.8		58.8				26.46	7.4				2.6					
LT STA 77+44	CE	AGG	168.7	30.9		30.9		117.5	23.03	22.9				7.1					
RT STA 78+12	MB	HMA	42.5		42.5				19.14	5.4									
LT STA 78+87	CE	AGG	159.0	25.8		25.8		108.3	22.79	22.7				6.2					
LT STA 79+61	PE	AGG	79.1	20.3		20.3	79.1		13.67	6.0				2.5					
RT STA 80+22	MB	AGG	44.5		44.5				20.01	5.6									
LT STA 80+22	PE	PCC	93.8	57.0		57.0					93.8								
LT STA 83+99	PE	AGG	74.8		74.8				33.68	9.4				5.1					
RT STA 84+05	MB	HMA	34.4		34.4				15.48	4.3									
RT STA 85+28	CE	HMA	52.6		52.6				23.66	6.6									
RT STA 88+02	CE	AGG	36.9		36.9				16.59	4.6				2.3					
RT STA 92+61	CE	AGG	42.7		42.7				19.20	5.4				5.3					
RT STA 93+85	CE	AGG	39.6		39.6				17.84	5.0				4.4					
RT STA 104+81	CE	HMA	49.2		49.2				22.14	6.2									
LT STA 106+83	CE	AGG	42.7		42.7				19.19	5.4				7.6					
LT STA 109+13	CE	AGG	43.3		43.3				19.51	5.5				6.3					
RT STA 109+20	MB	HMA	46.4		46.4				20.86	5.8									
RT 132+53	SIDE ROAD	HMA	51.5		51.5				23.15	6.5			31.7						
LT 132+66	SIDE ROAD	HMA	70.1		70.1				31.53	8.8			42.7						
RT 163+71	PE	AGG	39.2		39.2				17.64	4.9				3.8					
LT 163+82	SIDE ROAD	HMA	86.1		86.1				38.73	10.8			52.3						
RT STA 171+47	PE	AGG	39.7		39.7				17.87	5.0				1.0					
RT STA 174+01	PE	AGG	36.3		36.3				16.35	4.6				2.6					
RT STA 194+55	SIDE ROAD	HMA	80.3		80.3				36.13	10.1			47.1						
LT STA 199+49	PE	AGG	73.2		73.2				32.95	9.2				3.8					
RT STA 234+93	PE	AGG	43.7		43.7				19.66	5.5				4.5					
LT STA 235+15	MB	HMA	44.1		44.1				19.83	5.6									
LT STA 238+04	PE	AGG	27.6		27.6				12.43	3.5				3.1					
RT STA 240+00	FE	AGG	22.7		22.7				10.22	2.9				1.9					
LT STA 240+64	PE	AGG	61.3		61.3				27.59	7.7				3.8					
LT STA 286+84	PE	AGG	81.1		81.1				36.50	10.2				3.8					
LT STA 313+65	SIDE ROAD	HMA	110.9		110.9				49.90	14.0			65.4						
RT STA 319+83	PE	AGG	56.5		56.5				25.43	7.1				4.4					
LT STA 331+89	CE	AGG	249.9		249.9				112.44	31.5				25.3					
LT STA 368+08	SIDE ROAD	HMA	58.2		58.2				26.21	7.3			36.3						
RT STA 368+08	SIDE ROAD	HMA	63.2		63.2				28.42	8.0			38.1						
RT STA 408+59	PE	AGG	33.5		33.5				15.08	4.2				4.3					
RT STA 409+81	PE	AGG	26.9		26.9				12.12	3.4				4.0					
RT STA 427+00	PE	AGG	67.6		67.6				30.40	8.5				5.8					
LT STA 449+24	PE	AGG	91.7		91.7				41.26	11.6				3.8					
LT STA 451+14	PE	AGG	29.6		29.6				13.32	3.7				4.4					
RT STA 459+99	SIDE ROAD	HMA	92.7		92.7				41.72	11.7			56.2						
LT STA 460+00	SIDE ROAD	HMA	62.5		62.5				28.11	7.9			31.9						
LT STA 476+90	PE	HMA	26.8		26.8				12.06	3.4									
RT STA 475+05	PE	HMA	41.0		41.0				18.47	5.2									
LT STA 475+45	PE	HMA	39.5		39.5				17.79	5.0									
LT STA 492+25	SIDE ROAD	AGG	58.7		58.7				26.43	7.4			37.0	5.1					
RT STA 493+46	PE	HMA	81.5		81.5				36.68	10.3									
TOTAL =									365	3,245	365	79	449	1,586	526	94	134	540	266



TYPICAL SECTION #5

LEGEND

①	EXIST. P.C.C. PAVEMENT 7"
②	EXIST. P.C.C. PAVEMENT 9"-6"-9"
③	EXIST. P.C.C. PAVEMENT 9"-6½"-9"
④	EXIST. P.C.C. BASE COURSE WIDENING 9"
⑤	EXIST. HMA BASE COURSE WIDENING 9"
⑥	EXIST. HMA STAB BASE CSE (VARIABLE DEPTH)
⑦	EXIST. HMA SHOULDER 8"
⑧	EXIST. CCC&G, TY B-6.12
⑨	EXIST. CONCRETE GUTTER, TY B
⑩	EXIST. CONCRETE GUTTER, TY A
⑪	EXIST. HMA OVERLAY 2¼"
⑫	EXIST. HMA OVERLAY 2½"
⑬	EXIST. HMA OVERLAY 5"
⑭	EXIST. HMA OVERLAY ¾"
⑮	EXIST. HMA OVERLAY 4½"
⑯	EXIST. HMA OVERLAY 5½"
⑰	EXIST. AGGREGATE SHOULDERS, TY B
⑱	PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
⑲	PROP. HMA SURFACE REMOVAL, 2 ¼"
⑳	PROP. LEVELING BINDER (MACHINE METHOD) N50, ¾"
㉑	PROP. HMA SURFACE COURSE, MIX "C" N50, 1½"
㉒	PROP. HMA SHOULDER, 2 ¼"
㉓	PROP. AGGREGATE WEDGE SHOULDER, TY B
㉔	PROP. PAVEMENT MARKING LINE, 5"
㉕	PROP. SUBBASE GRANULAR MATERIAL TYPE A, 8"



TYPICAL SECTION #6

(STA EQN #2)

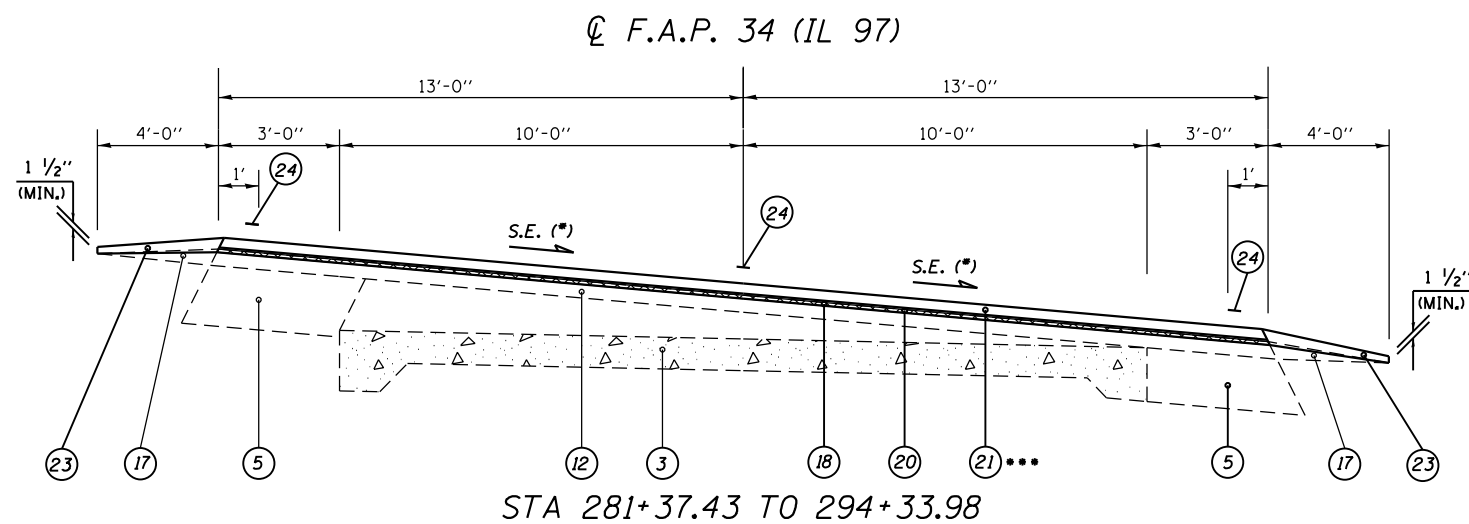
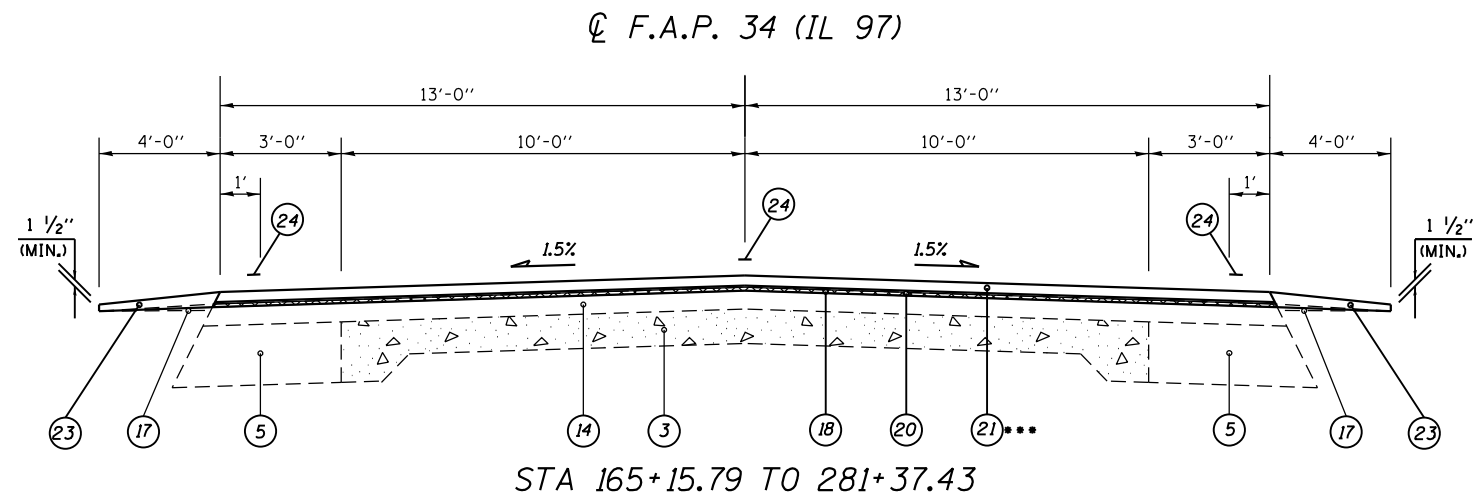
STA 165+14.51 (BK)=
STA 165+15.79 (AH)

NOTES:

- SEE "SUPERELEVATION TRANSITION DETAILS" FOR S.E. TABLE.
- WHEN THE SE RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SHALL BE SLOPED AT 4.0%.
HIGH SIDE -
WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.
LOW SIDE -
WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED TO MATCH THE EXISTING PAVEMENT SLOPE.

... 40603510 POLY. HMA SURF. CRSE. MIX "C", N50
USED IN NB LANE STATION 130+00-325+00

FILE NAME =	USER NAME = sparksqw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (FAP 34) IL 97	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default		CHECKED -	REVISED -			34	(1) RS-8	MASON	61	12	
		DATE -	REVISED -			CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT		
						SCALE:	SHEET OF SHEETS	STA.	TO STA.		



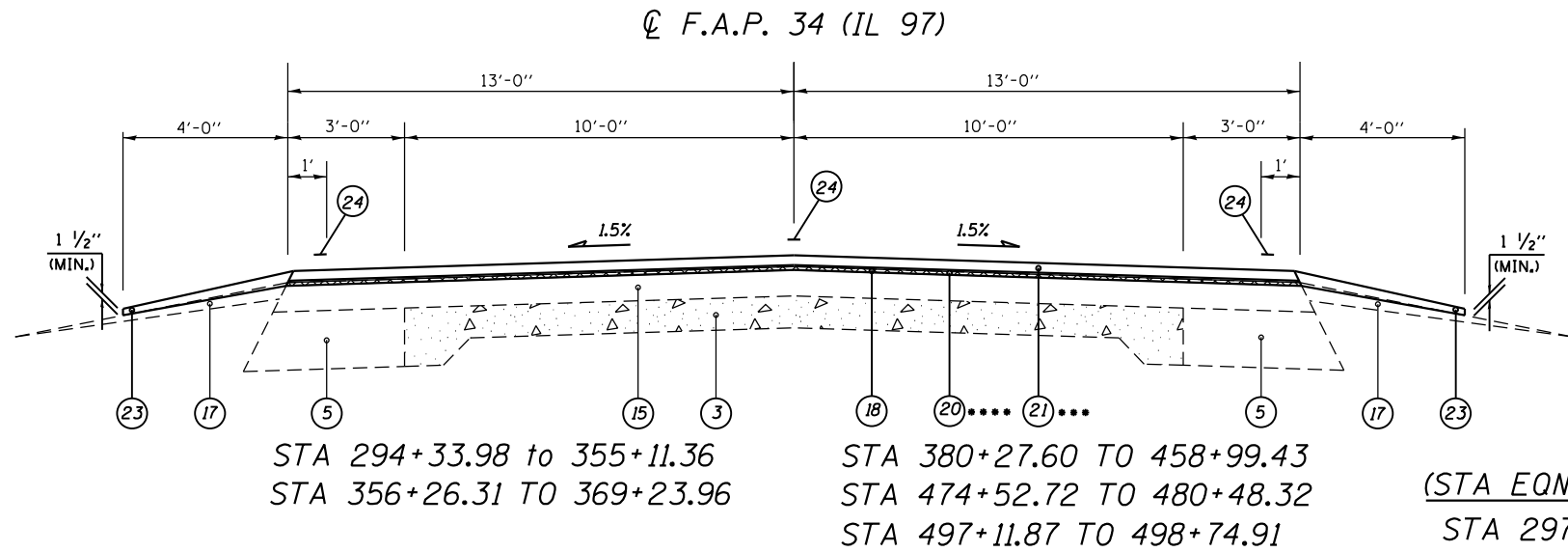
LEGEND

- ① EXIST. P.C.C. PAVEMENT 7"
- ② EXIST. P.C.C. PAVEMENT 9"-6"-9"
- ③ EXIST. P.C.C. PAVEMENT 9"-6½"-9"
- ④ EXIST. P.C.C. BASE COURSE WIDENING 9"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA STAB BASE CSE (VARIABLE DEPTH)
- ⑦ EXIST. HMA SHOULDER 8"
- ⑧ EXIST. CCC&G, TY B-6.12
- ⑨ EXIST. CONCRETE GUTTER, TY B
- ⑩ EXIST. CONCRETE GUTTER, TY A
- ⑪ EXIST. HMA OVERLAY 2¼"
- ⑫ EXIST. HMA OVERLAY 2½"
- ⑬ EXIST. HMA OVERLAY 5"
- ⑭ EXIST. HMA OVERLAY ¾"
- ⑮ EXIST. HMA OVERLAY 4½"
- ⑯ EXIST. HMA OVERLAY 5½"
- ⑰ EXIST. AGGREGATE SHOULDERS, TY B
- ⑱ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑲ PROP. HMA SURFACE REMOVAL, 2 ¼"
- ⑳ PROP. LEVELING BINDER (MACHINE METHOD) N50, ¾"
- ㉑ PROP. HMA SURFACE COURSE, MIX "C" N50, 1½"
- ㉒ PROP. HMA SHOULDER, 2 ¼"
- ㉓ PROP. AGGREGATE WEDGE SHOULDER, TY B
- ㉔ PROP. PAVEMENT MARKING LINE, 5"
- ㉕ PROP. SUBBASE GRANULAR MATERIAL TYPE A, 8"

NOTES:

- SEE "SUPERELEVATION TRANSITION DETAILS" FOR S.E. TABLE.
 - WHEN THE SE RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SHALL BE SLOPED AT 4.0%.
- HIGH SIDE -
WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.
- LOW SIDE -
WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED TO MATCH THE EXISTING PAVEMENT SLOPE.

FILE NAME =	USER NAME = sparksqw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (FAP 34) IL 97	F.A.P. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
Default						34	(1) RS-8	MASON	61	13
						CONTRACT NO. 72H50		ILLINOIS FED. AID PROJECT		
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	SCALE:	SHEET OF SHEETS	STA.	TO STA.			
	PLOT DATE = 8/13/2015	DATE -	REVISED -							



STA 294+33.98 to 355+11.36
 STA 356+26.31 to 369+23.96

STA 380+27.60 TO 458+99.43
 STA 474+52.72 TO 480+48.32
 STA 497+11.87 TO 498+74.91

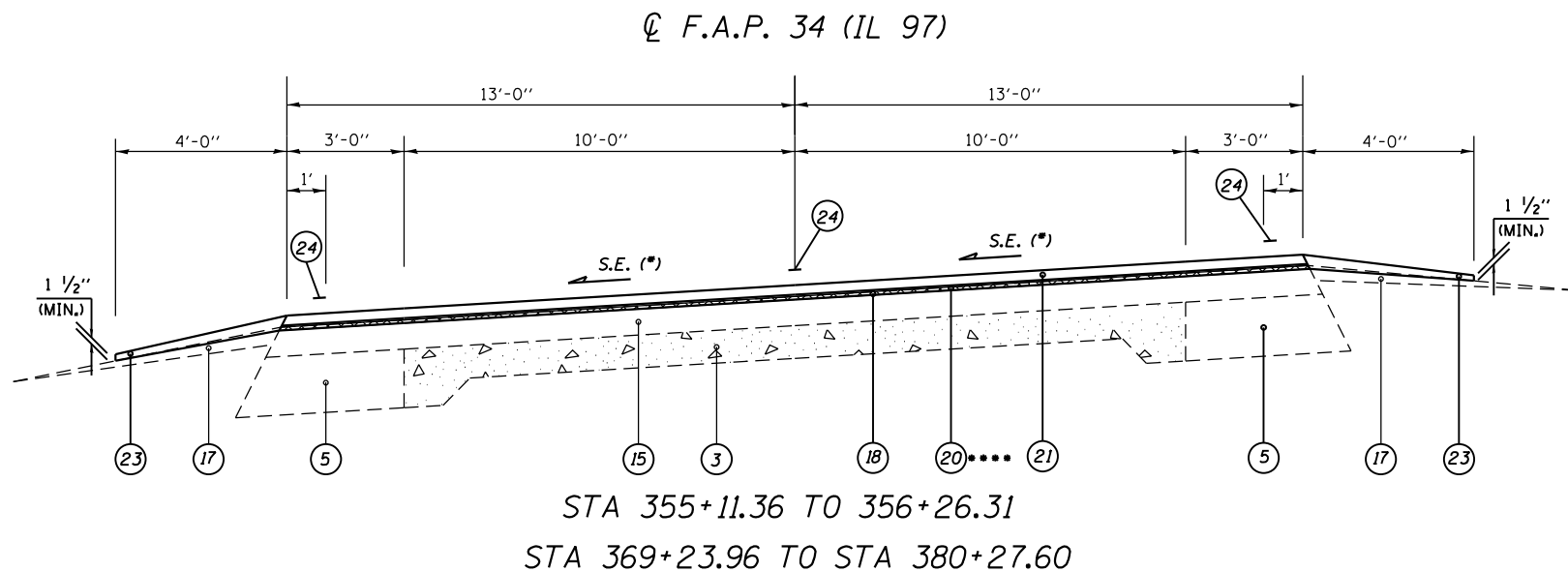
(STA EQN #3)
 STA 297+16.38 (BK)=
 STA 297+36.44 (AH)

(STA EQN #4)
 STA. 477+35.12 (BK)=
 STA. 477+40.90 (AH)

*** 40603510 POLY. HMA SURF. CRSE. MIX "C", N50
 USED IN NB LANE STATION 130+00-325+00

**** X4060605 LEVEL BIND. (MM.) SPECIAL
 USED IN SB LANE STATION 315+00-460+00

TYPICAL SECTION #9



STA 355+11.36 TO 356+26.31
 STA 369+23.96 TO STA 380+27.60

**** X4060605 LEVEL BIND. (MM.) SPECIAL
 USED IN SB LANE STATION 315+00-460+00

TYPICAL SECTION #10

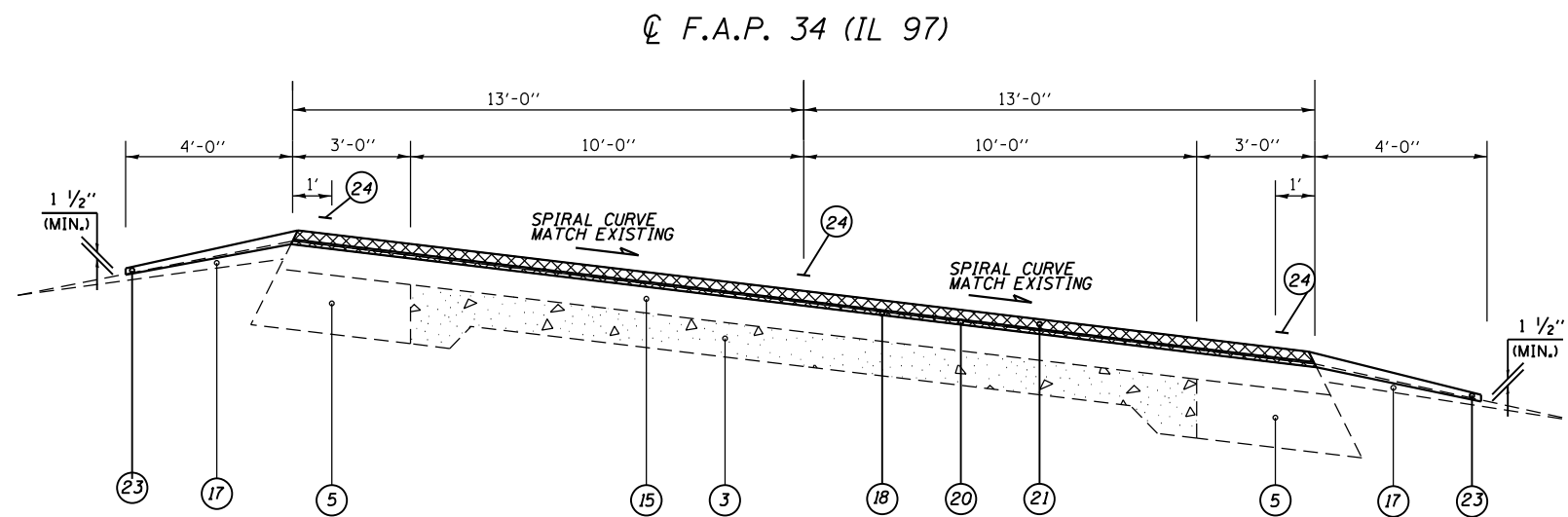
LEGEND

- ① EXIST. P.C.C. PAVEMENT 7"
- ② EXIST. P.C.C. PAVEMENT 9"-6"-9"
- ③ EXIST. P.C.C. PAVEMENT 9"-6 1/2"-9"
- ④ EXIST. P.C.C. BASE COURSE WIDENING 9"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA STAB BASE CSE (VARIABLE DEPTH)
- ⑦ EXIST. HMA SHOULDER 8"
- ⑧ EXIST. CCC&G, TY B-6.12
- ⑨ EXIST. CONCRETE GUTTER, TY B
- ⑩ EXIST. CONCRETE GUTTER, TY A
- ⑪ EXIST. HMA OVERLAY 2 1/4"
- ⑫ EXIST. HMA OVERLAY 2 1/2"
- ⑬ EXIST. HMA OVERLAY 5"
- ⑭ EXIST. HMA OVERLAY 3 1/4"
- ⑮ EXIST. HMA OVERLAY 4 1/2"
- ⑯ EXIST. HMA OVERLAY 5 1/2"
- ⑰ EXIST. AGGREGATE SHOULDERS, TY B
- ⑱ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑲ PROP. HMA SURFACE REMOVAL, 2 1/4"
- ⑳ PROP. LEVELING BINDER (MACHINE METHOD) N50, 3/4"
- ㉑ PROP. HMA SURFACE COURSE, MIX "C" N50, 1 1/2"
- ㉒ PROP. HMA SHOULDER, 2 1/4"
- ㉓ PROP. AGGREGATE WEDGE SHOULDER, TY B
- ㉔ PROP. PAVEMENT MARKING LINE, 5"
- ㉕ PROP. SUBBASE GRANULAR MATERIAL TYPE A, 8"

NOTES:

- SEE "SUPERELEVATION TRANSITION DETAILS" FOR S.E. TABLE.
- WHEN THE SE RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SHALL BE SLOPED AT 4.0%.
- HIGH SIDE -
 WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.
- LOW SIDE -
 WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED TO MATCH THE EXISTING PAVEMENT SLOPE.

FILE NAME =	USER NAME = sparksqw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (FAP 34) IL 97				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	34	(1) RS-8	MASON	61	14
		DATE -	REVISED -						CONTRACT NO. 72H50							
									ILLINOIS FED. AID PROJECT							

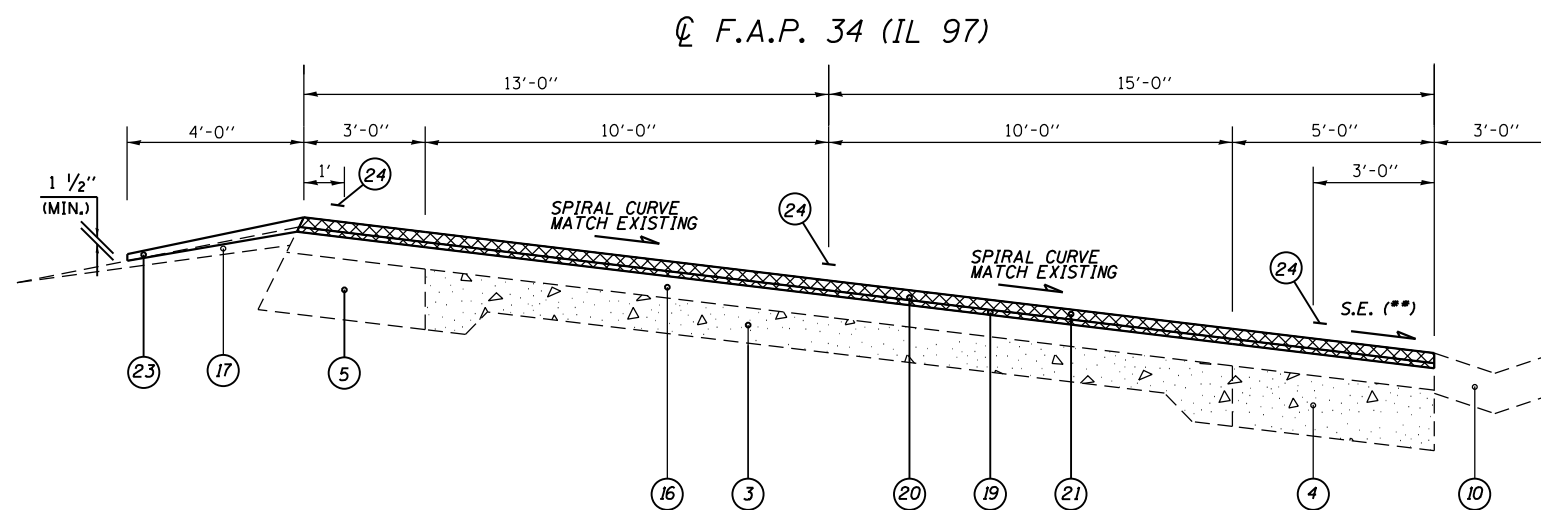


STA 480+48.32 TO STA 493+02.28

TYPICAL SECTION #13

LEGEND

- ① EXIST. P.C.C. PAVEMENT 7"
- ② EXIST. P.C.C. PAVEMENT 9"-6"-9"
- ③ EXIST. P.C.C. PAVEMENT 9"-6 1/2"-9"
- ④ EXIST. P.C.C. BASE COURSE WIDENING 9"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA STAB BASE CSE (VARIABLE DEPTH)
- ⑦ EXIST. HMA SHOULDER 8"
- ⑧ EXIST. CCC&G, TY B-6.12
- ⑨ EXIST. CONCRETE GUTTER, TY B
- ⑩ EXIST. CONCRETE GUTTER, TY A
- ⑪ EXIST. HMA OVERLAY 2 1/4"
- ⑫ EXIST. HMA OVERLAY 2 1/2"
- ⑬ EXIST. HMA OVERLAY 5"
- ⑭ EXIST. HMA OVERLAY 3 1/4"
- ⑮ EXIST. HMA OVERLAY 4 1/2"
- ⑯ EXIST. HMA OVERLAY 5 1/2"
- ⑰ EXIST. AGGREGATE SHOULDERS, TY B
- ⑱ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑲ PROP. HMA SURFACE REMOVAL, 2 1/4"
- ⑳ PROP. LEVELING BINDER (MACHINE METHOD) N50, 3/4"
- ㉑ PROP. HMA SURFACE COURSE, MIX "C" N50, 1 1/2"
- ㉒ PROP. HMA SHOULDER, 2 1/4"
- ㉓ PROP. AGGREGATE WEDGE SHOULDER, TY B
- ㉔ PROP. PAVEMENT MARKING LINE, 5"
- ㉕ PROP. SUBBASE GRANULAR MATERIAL TYPE A, 8"

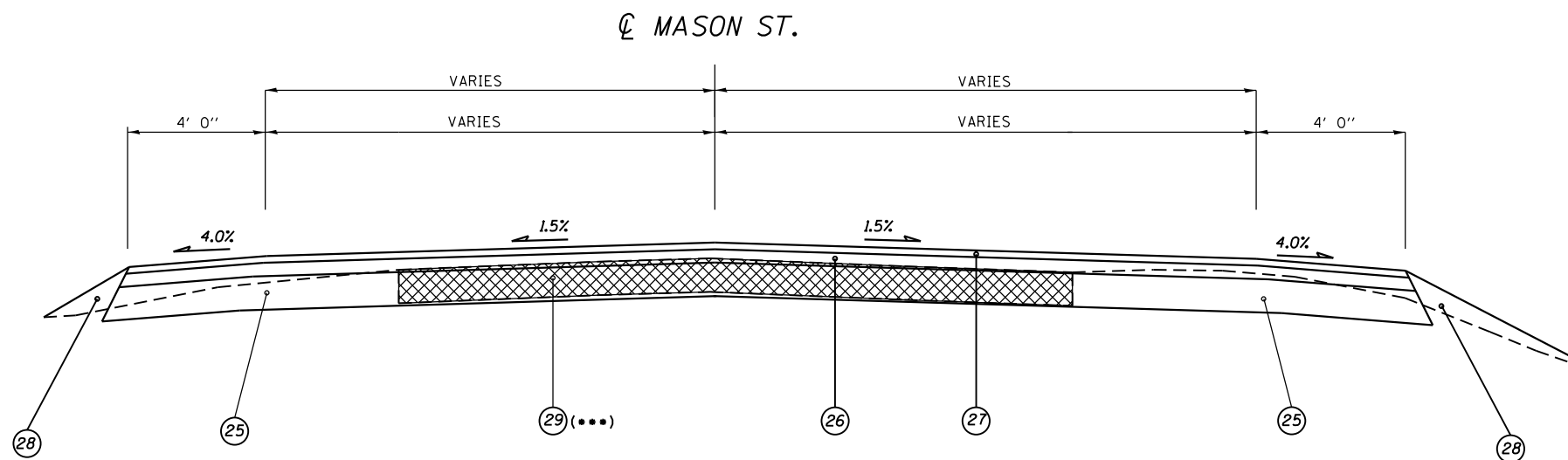


STA 493+02.28 TO STA. 498+74.91

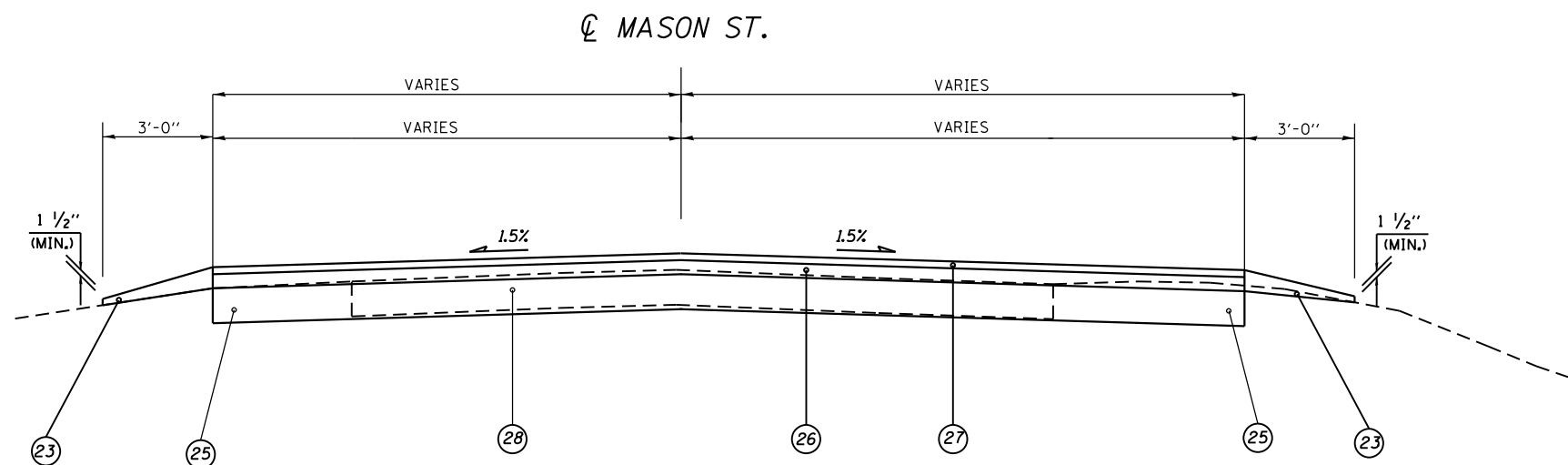
TYPICAL SECTION #14

- NOTES:**
- SEE "SUPERELEVATION TRANSITION DETAILS" FOR S.E. TABLE.
 - WHEN THE SE RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SHALL BE SLOPED AT 4.0%.
 HIGH SIDE -
 WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.
 LOW SIDE -
 WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED TO MATCH THE EXISTING PAVEMENT SLOPE.

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (FAP 34) IL 97	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default						34	(1) RS-8	MASON	61	16	
						CONTRACT NO. 72H50		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET	OF	SHEETS	STA.	TO



STA 10+12.68 TO STA 10+68.85 (MASON STREET)
TYPICAL SECTION #15



STA 10+68.85 TO STA 11+18.48 (MASON STREET)
TYPICAL SECTION #16

LEGEND

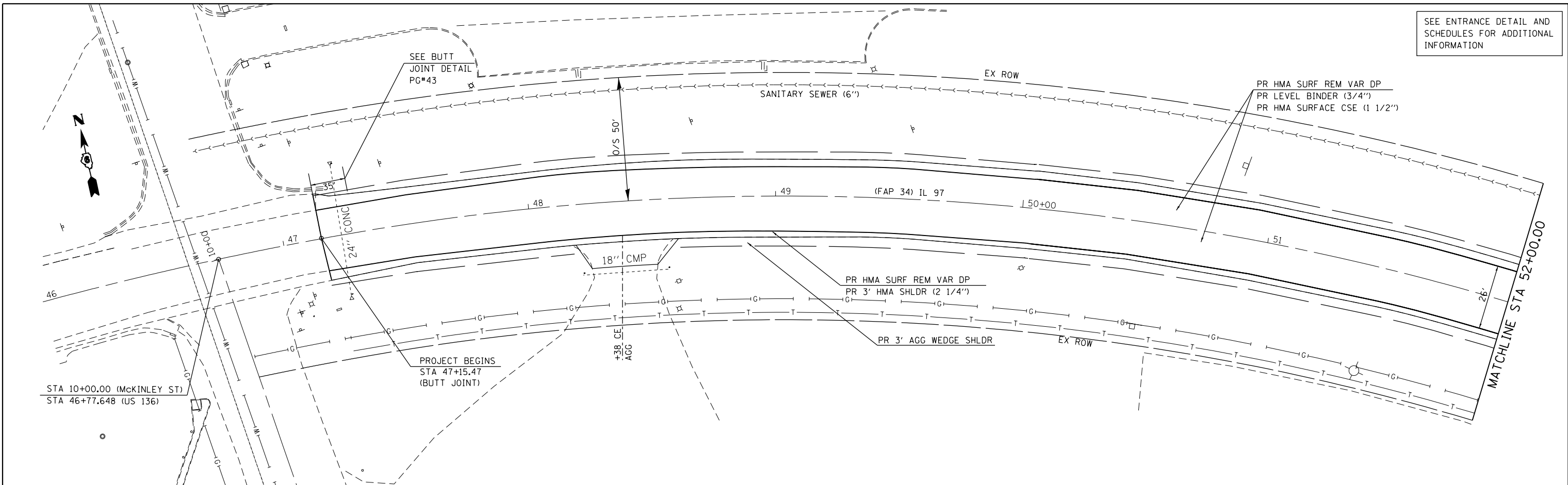
- ① EXIST. P.C.C. PAVEMENT 7"
- ② EXIST. P.C.C. PAVEMENT 9"-6"-9"
- ③ EXIST. P.C.C. PAVEMENT 9"-6 1/2"-9"
- ④ EXIST. P.C.C. BASE COURSE WIDENING 9"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA STAB BASE CSE (VARIABLE DEPTH)
- ⑦ EXIST. HMA SHOULDER 8"
- ⑧ EXIST. CCC&G, TY B-6.12
- ⑨ EXIST. CONCRETE GUTTER, TY B
- ⑩ EXIST. CONCRETE GUTTER, TY A
- ⑪ EXIST. HMA OVERLAY 2 1/4"
- ⑫ EXIST. HMA OVERLAY 2 1/2"
- ⑬ EXIST. HMA OVERLAY 5"
- ⑭ EXIST. HMA OVERLAY 3 1/4"
- ⑮ EXIST. HMA OVERLAY 4 1/2"
- ⑯ EXIST. HMA OVERLAY 5 1/2"
- ⑰ EXIST. AGGREGATE SHOULDERS, TY B
- ⑱ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑲ PROP. HMA SURFACE REMOVAL, 2 1/4"
- ⑳ PROP. LEVELING BINDER (MACHINE METHOD) N50, 3/4"
- ㉑ PROP. HMA SURFACE COURSE, MIX "C" N50, 1 1/2"
- ㉒ PROP. HMA SHOULDER, 2 1/4"
- ㉓ PROP. AGGREGATE WEDGE SHOULDER, TY B
- ㉔ PROP. PAVEMENT MARKING LINE, 5"
- ㉕ PROP. SUBBASE GRANULAR MATERIAL TYPE A, 8"
- ㉖ PROP. HOT-MIX ASPHALT BASE COURSE, 4 1/2"
- ㉗ PROP. HMA SURFACE COURSE, MIX "C" N50, 1 1/2"
- ㉘ PROP. EARTH EXCAVATION (EMBANKMENT)
- ㉙ PROP. DRIVEWAY PAVEMENT REMOVAL

NOTES:

- SEE "SUPERELEVATION TRANSITION DETAILS" FOR S.E. TABLE.
- WHEN THE SE RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SHALL BE SLOPED AT 4.0%.
HIGH SIDE -
WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.
LOW SIDE -
WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED TO MATCH THE EXISTING PAVEMENT SLOPE.
- PAY AS DRIVEWAY PAVEMENT REMOVAL TO STA 10+23.34 (MASON ST). PAY REST OF OIL & CHIP AS EARTH EXCAVATION.

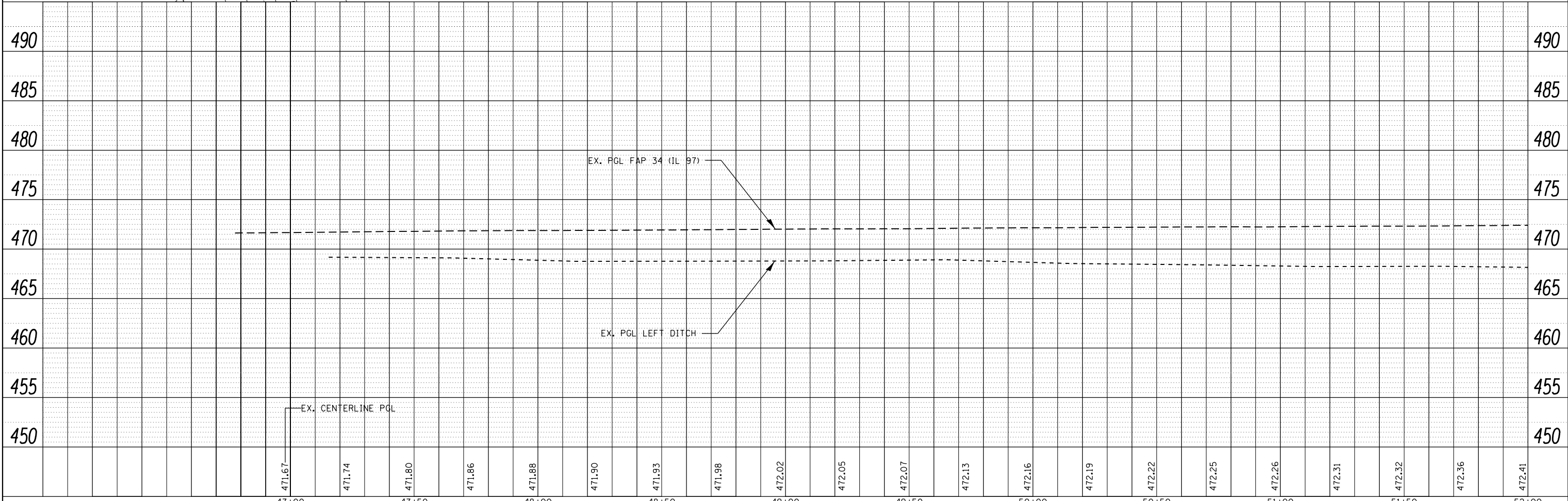
FILE NAME =	USER NAME = sparksqw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (FAP 34) IL 97	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						34	(1) RS-8	MASON	61	17
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 72H50 ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/13/2015	DATE -	REVISED -							

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION



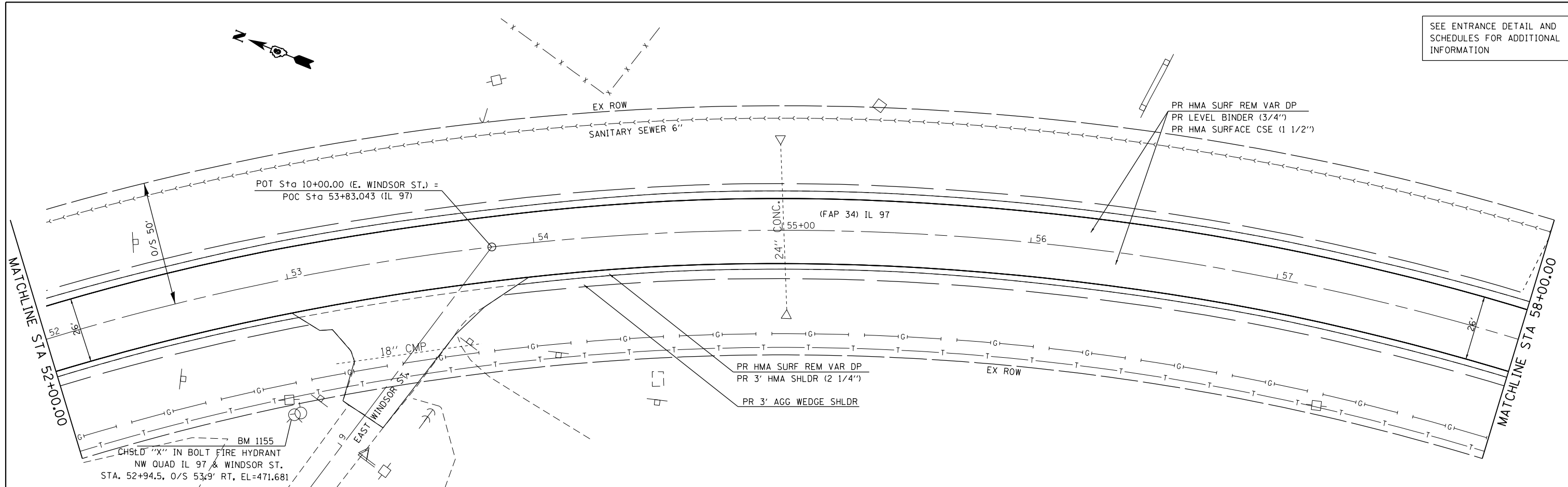
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NO.		
	STRUCTURE		
	NOT AT THIS OFFICE		



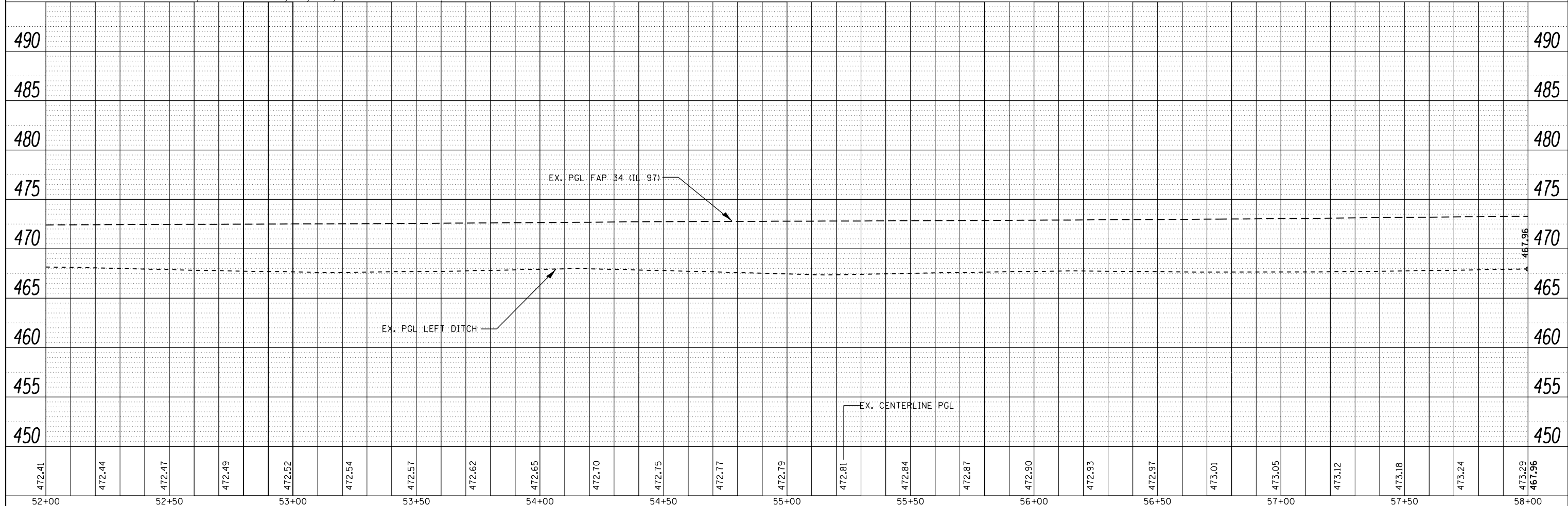
FILE NAME =	USER NAME = sparksgr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEET FAP 34 (IL 97)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -						34	(1) RS-8	MASON	61	18
		DATE -	REVISED -						CONTRACT NO. 72H50				ILLINOIS FED. AID PROJECT
PLOT SCALE = 40.0000' / in.				SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO	STA.			

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION



PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



472.41	472.44	472.47	472.49	472.52	472.54	472.57	472.62	472.65	472.70	472.75	472.77	472.79	472.81	472.84	472.87	472.90	472.93	472.97	473.01	473.05	473.12	473.18	473.24	473.29	467.96
52+00	52+50	53+00	53+50	54+00	54+50	55+00	55+50	56+00	56+50	57+00	57+50	58+00													

FILE NAME =
p:\IL084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 6\Projects\D672H50\DRAMA\CAD\Sheets\D672H50-shr-plan-prf

USER NAME = sparksgr
PLOT SCALE = 40.0000' / in.
PLOT DATE = 8/13/2015

DESIGNED -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -

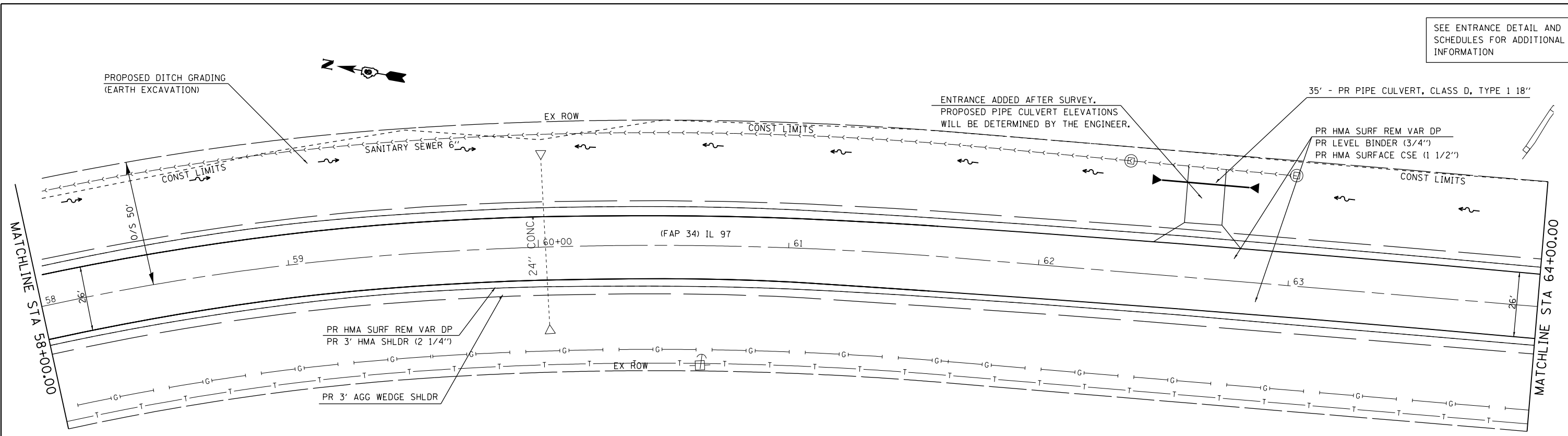
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEET
FAP 34 (IL 97)

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

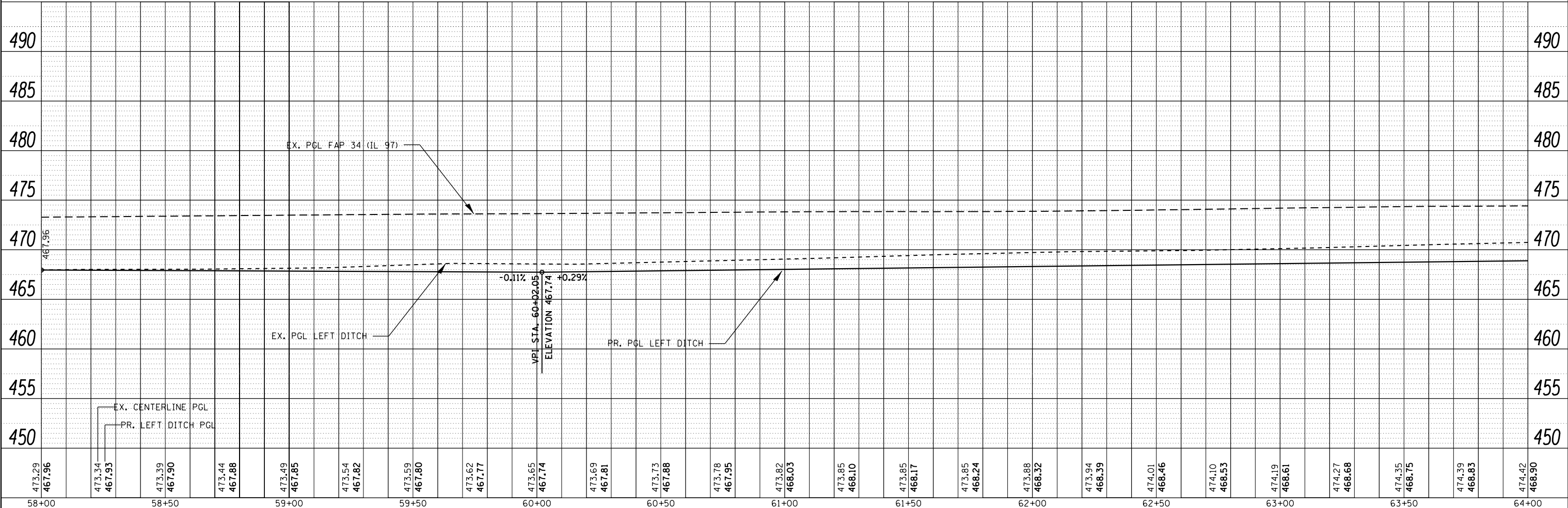
F.A.P. RT. 34	SECTION (1) RS-8	COUNTY MASON	TOTAL SHEETS 61	SHEET NO. 19
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

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



FILE NAME =	USER NAME = sparksgr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PLAN AND PROFILE SHEET FAP 34 (IL 97)				F.A.P. RTE. 34	SECTION (1) RS-8	COUNTY MASON	TOTAL SHEETS 61	SHEET NO. 20
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	SCALE: 1"=20'				SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 72H50				
	PLOT DATE = 8/13/2015	DATE -	REVISED -									ILLINOIS FED. AID PROJECT				

EXIST. CURVE 163
 PI STA. = 64+96.90
 $\Delta = 2^\circ 34' 30''$ (LT)
 $D = 1^\circ 26' 38''$
 $R = 3,968.35'$
 $T = 89.19'$
 $L = 178.35'$
 $E = 1.00'$
 $e = 3.6\%$
 P.C. STA. = 64+07.72
 P.T. STA. = 65+86.06

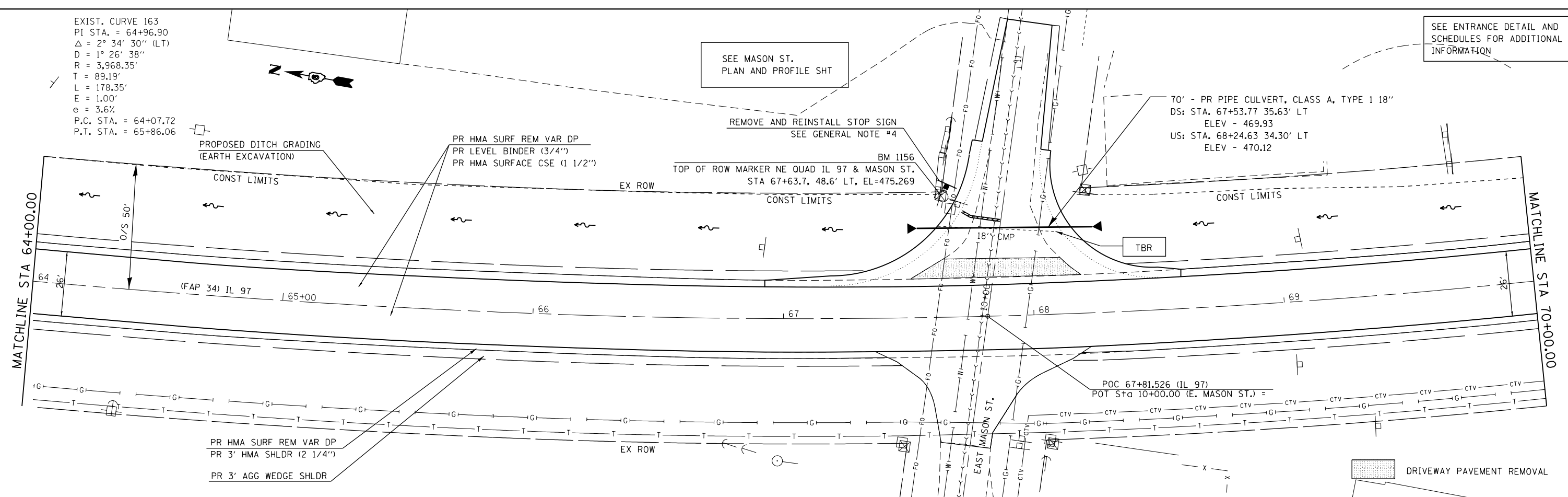
SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEE MASON ST. PLAN AND PROFILE SHT

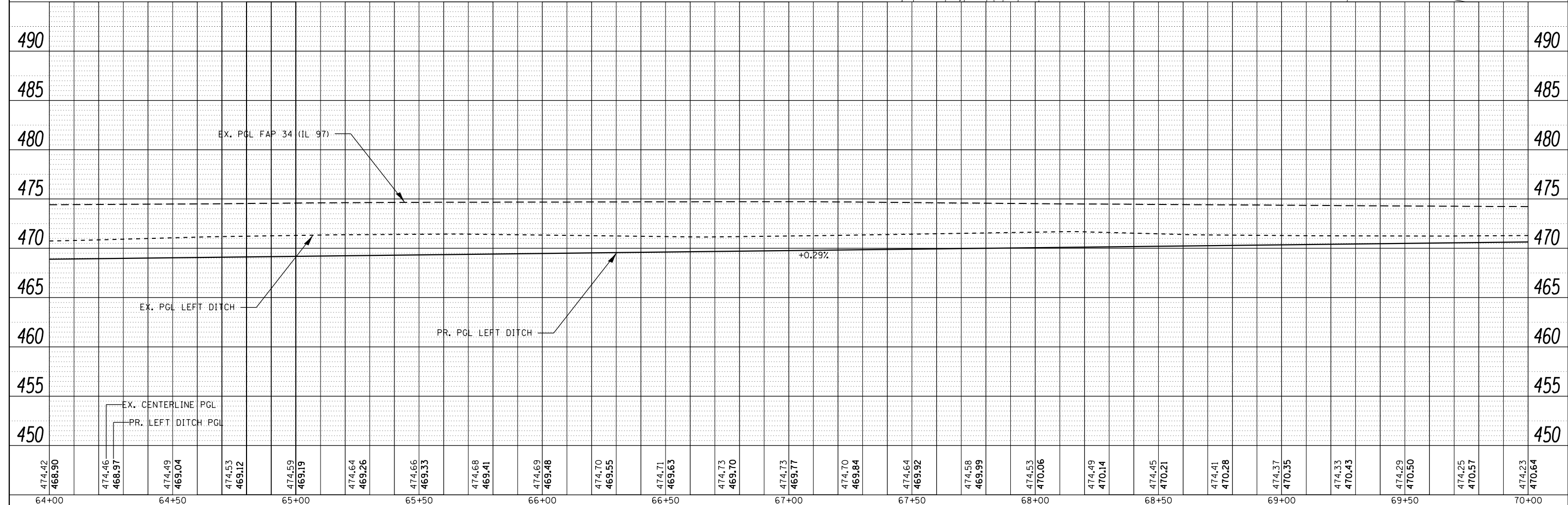
REMOVE AND REINSTALL STOP SIGN SEE GENERAL NOTE #4

70' - PR PIPE CULVERT, CLASS A, TYPE 1 18"
 DS: STA. 67+53.77 35.63' LT
 ELEV - 469.93
 US: STA. 68+24.63 34.30' LT
 ELEV - 470.12

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CARD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	NOTATION SHEET	



474.42 468.90	474.46 468.97	474.49 469.04	474.53 469.12	474.59 469.19	474.64 469.26	474.66 469.33	474.68 469.41	474.69 469.48	474.70 469.55	474.71 469.63	474.73 469.70	474.73 469.77	474.70 469.84	474.64 469.92	474.58 469.99	474.53 470.06	474.49 470.14	474.45 470.21	474.41 470.28	474.37 470.35	474.33 470.43	474.29 470.50	474.25 470.57	474.23 470.64
64+00	64+50	65+00	65+50	66+00	66+50	67+00	67+50	68+00	68+50	69+00	69+50	70+00												

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEET
 FAP 34 (IL 97)

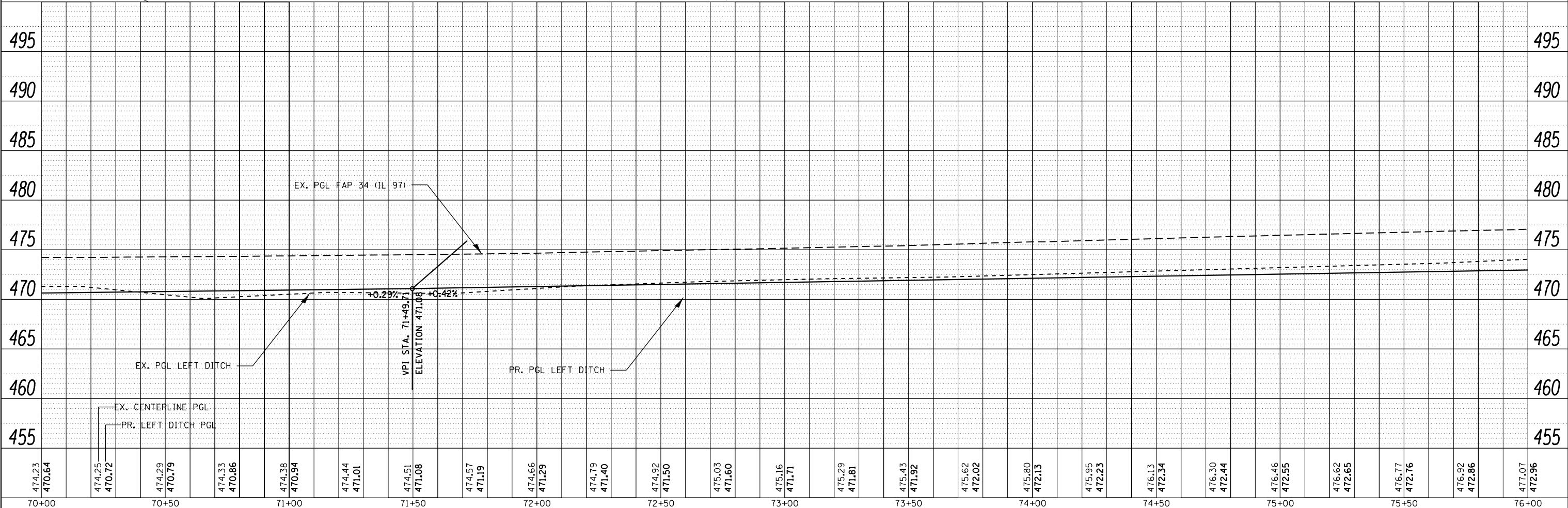
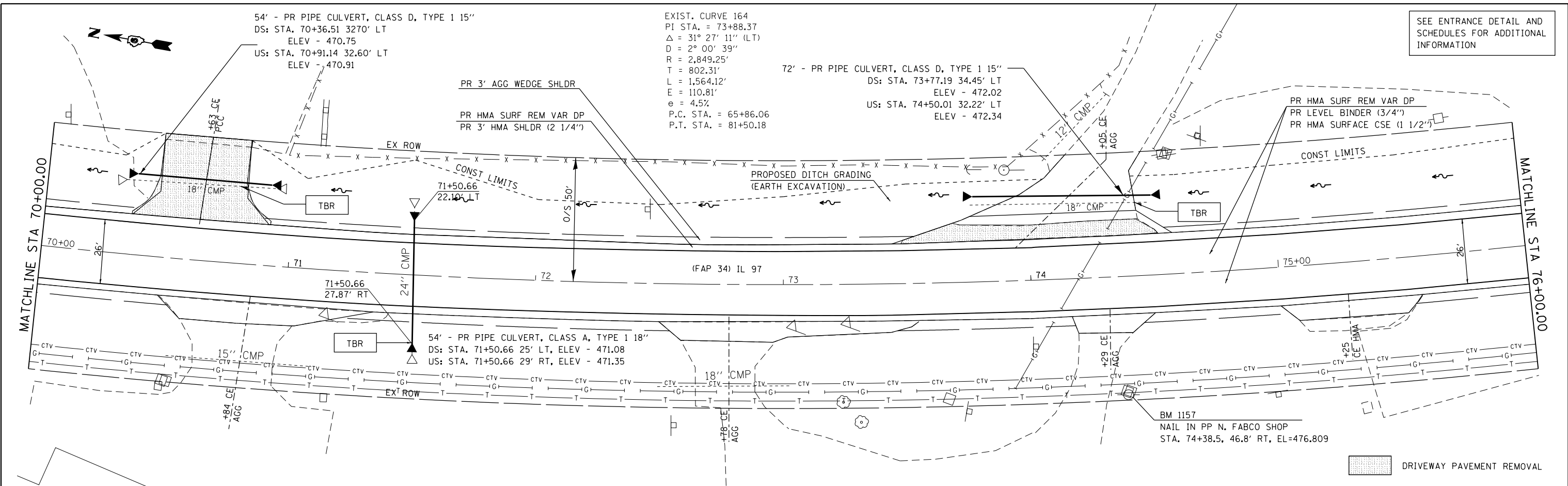
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	21
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	

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

FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -
Default		CHECKED -	REVISED -
		DATE -	REVISED -

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

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



474.23	470.64	474.25	470.72	474.29	470.79	474.33	470.86	474.38	470.94	474.44	471.01	474.51	471.08	474.57	471.19	474.66	471.29	474.79	471.40	474.92	471.50	475.03	471.60	475.16	471.71	475.29	471.81	475.43	471.92	475.62	472.02	475.80	472.13	475.95	472.23	476.13	472.34	476.30	472.44	476.46	472.55	476.62	472.65	476.77	472.76	476.92	472.86	477.07	472.96
70+00		70+50		71+00		71+50		72+00		72+50		73+00		73+50		74+00		74+50		75+00		75+50		76+00																									

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
Default		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

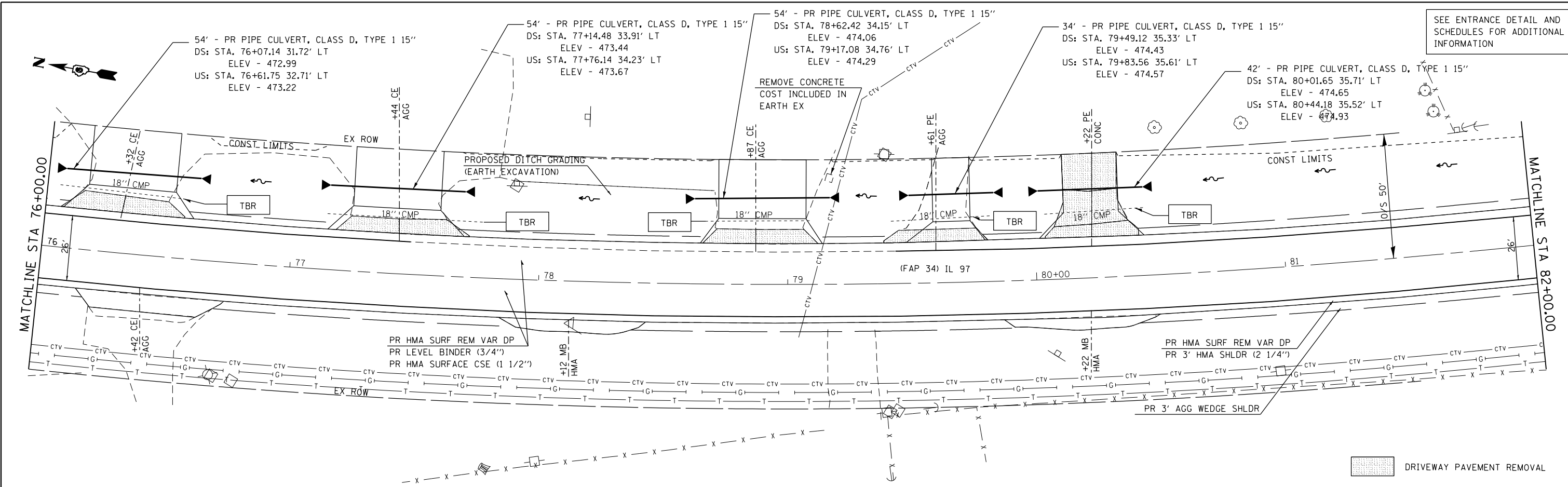
PLAN AND PROFILE SHEET
FAP 34 (IL 97)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	22
CONTRACT NO.			72H50	
ILLINOIS FED. AID PROJECT				

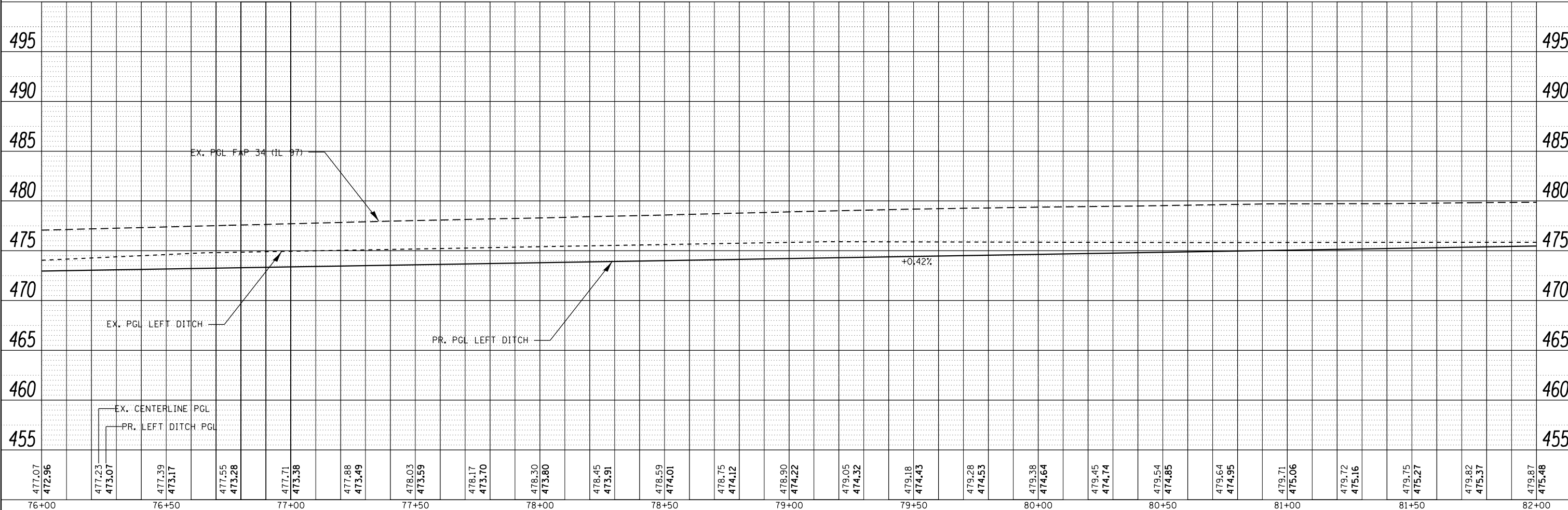
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

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



SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION



477.07	472.96	477.23	473.07	477.39	473.17	477.55	473.28	477.71	473.38	477.88	473.49	478.03	473.59	478.17	473.70	478.30	473.80	478.45	473.91	478.59	474.01	478.75	474.12	478.90	474.22	479.05	474.32	479.18	474.43	479.28	474.53	479.38	474.64	479.45	474.74	479.54	474.85	479.64	474.95	479.71	475.06	479.72	475.16	479.75	475.27	479.82	475.37	479.87	475.48
76+00		76+50		77+00		77+50		78+00		78+50		79+00		79+50		80+00		80+50		81+00		81+50		82+00																									

FILE NAME =
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 8/13/2015

USER NAME = sparksgw
 DESIGNED -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

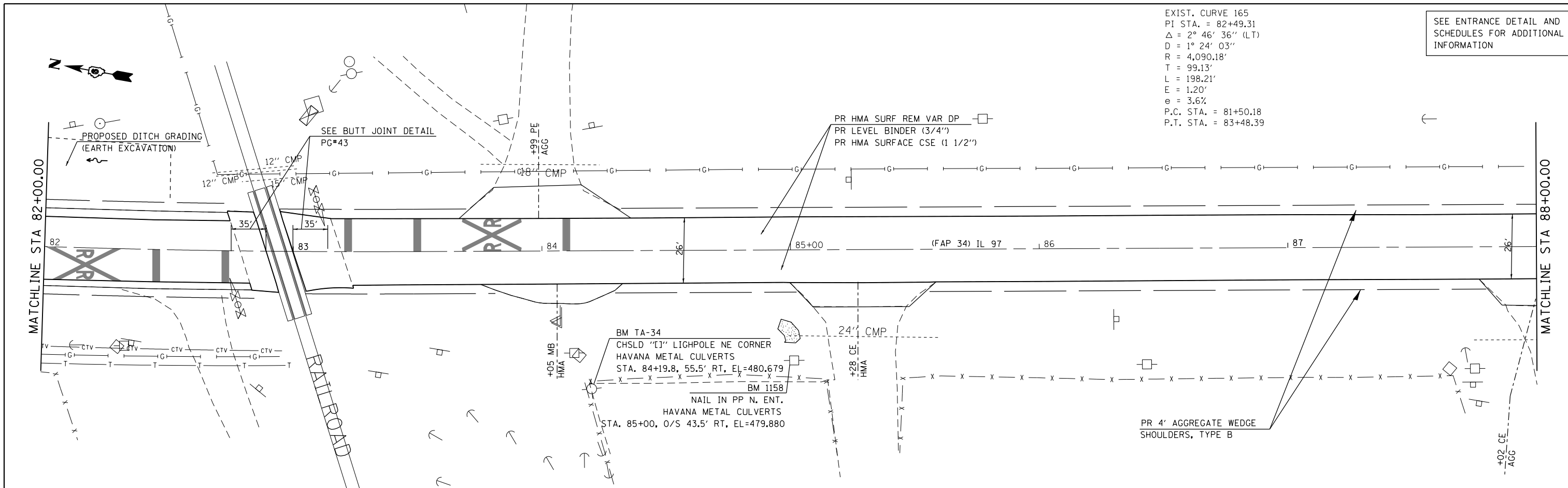
PLAN AND PROFILE SHEET
 FAP 34 (IL 97)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	23
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	

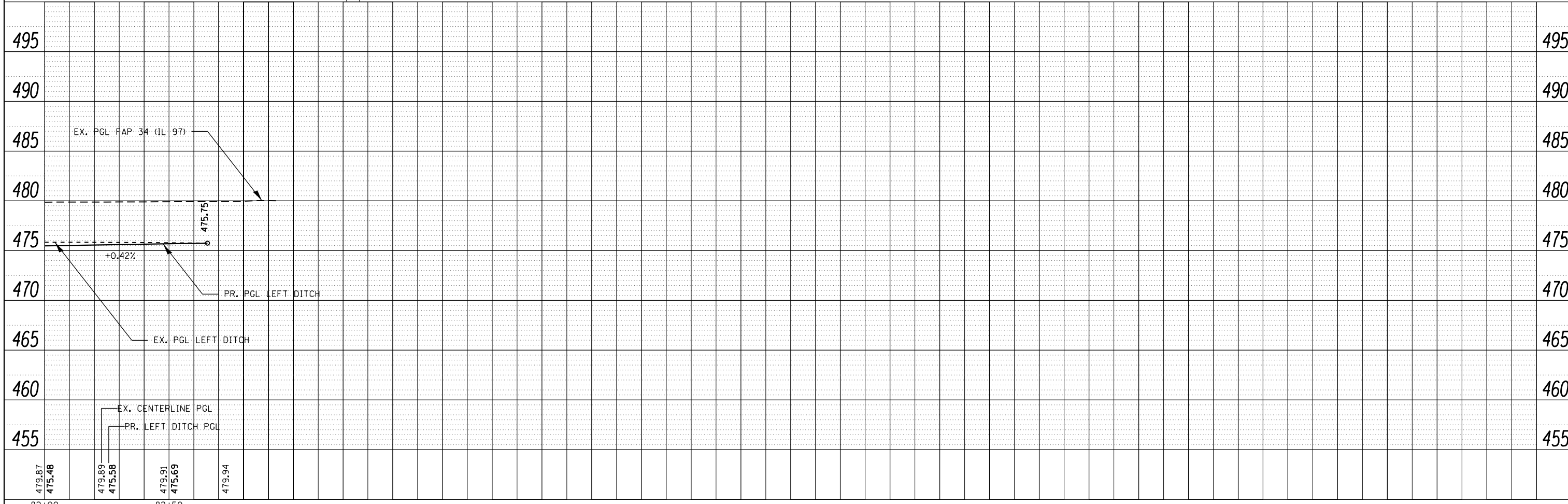
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTES CHECKED		
	ALIGNMENT CHECKED		
	FILE NAME		
	NO.		

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

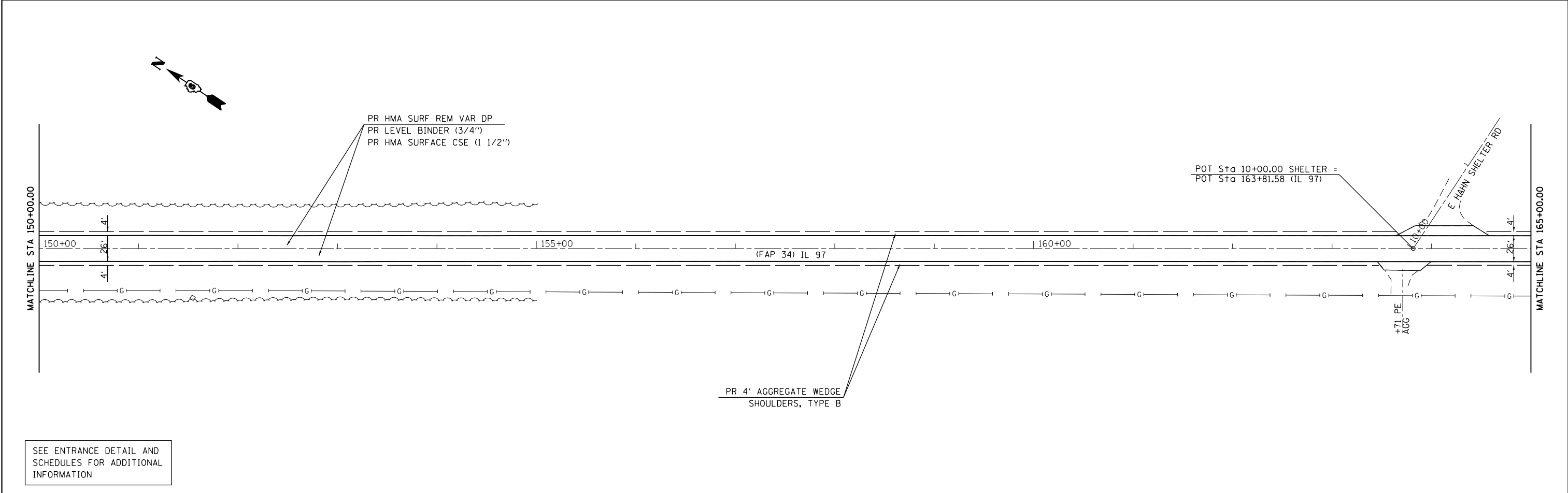
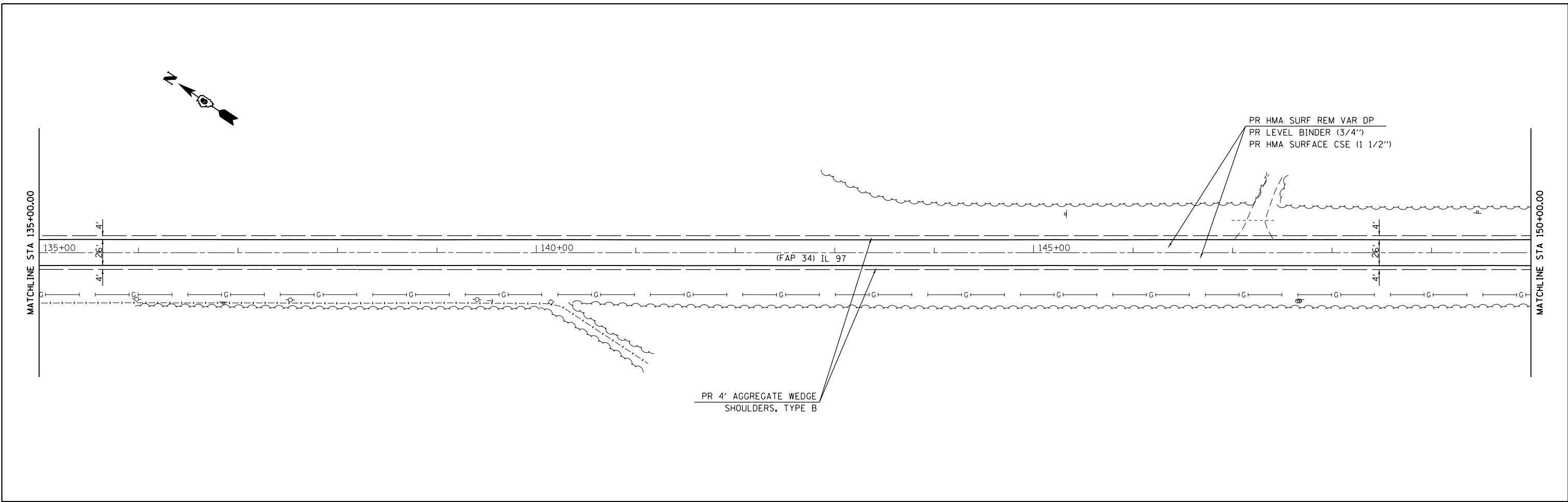


EXIST. CURVE 165
 PI STA. = 82+49.31
 $\Delta = 2^\circ 46' 36''$ (LT)
 $D = 1^\circ 24' 03''$
 $R = 4,090.18'$
 $T = 99.13'$
 $L = 198.21'$
 $E = 1.20'$
 $e = 3.6\%$
 P.C. STA. = 81+50.18
 P.T. STA. = 83+48.39

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEET FAP 34 (IL 97)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			34	(1) RS-8	MASON	61	24
	PLOT DATE = 8/13/2015	DATE -	REVISED -			CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	
						SCALE: 1"=20'	SHEET OF SHEETS	STA.	TO STA.	



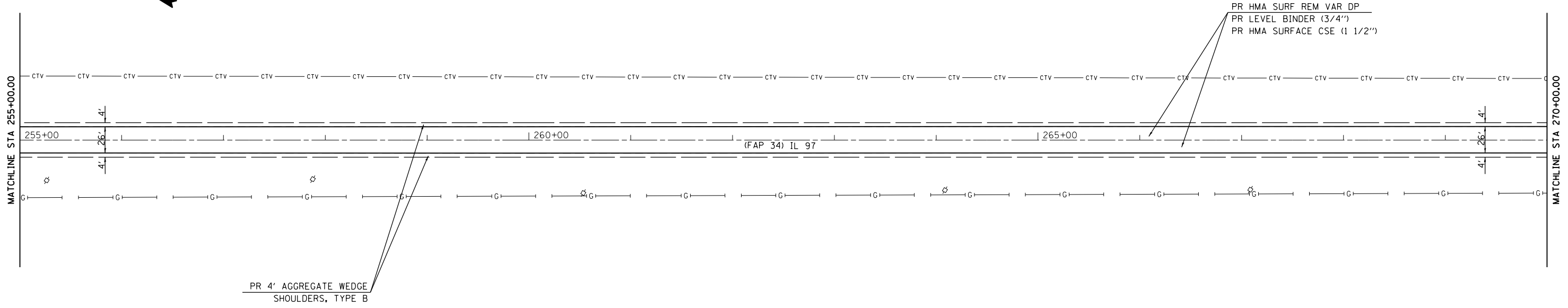
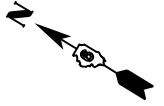
SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
p:\11084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\60\Sheets\0672H50-sht-plan.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/13/2015	DATE -	REVISED -

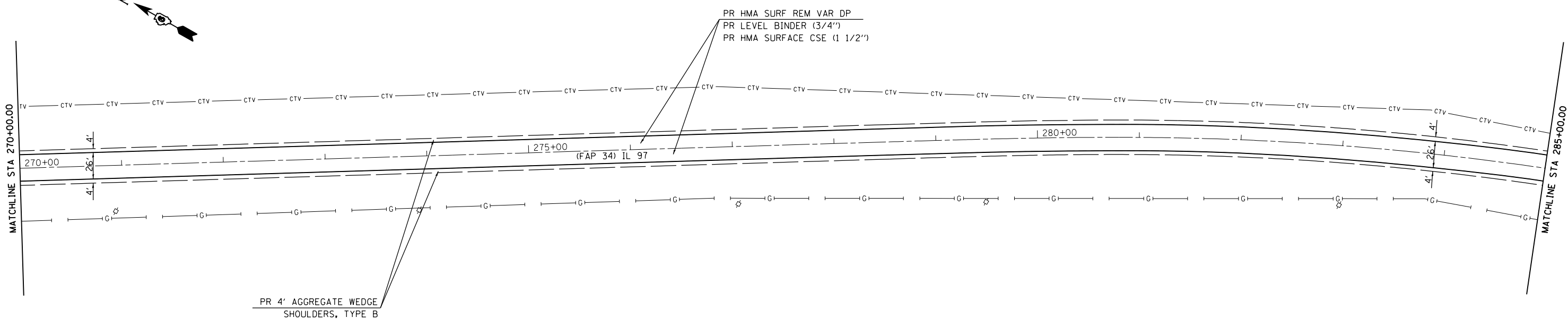
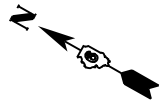
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 34 (IL 97)			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	27
				CONTRACT NO. 72H50
ILLINOIS FED. AID PROJECT				



PR 4' AGGREGATE WEDGE
SHOULDERS, TYPE B



PR 4' AGGREGATE WEDGE
SHOULDERS, TYPE B

SEE ENTRANCE DETAIL AND
SCHEDULES FOR ADDITIONAL
INFORMATION

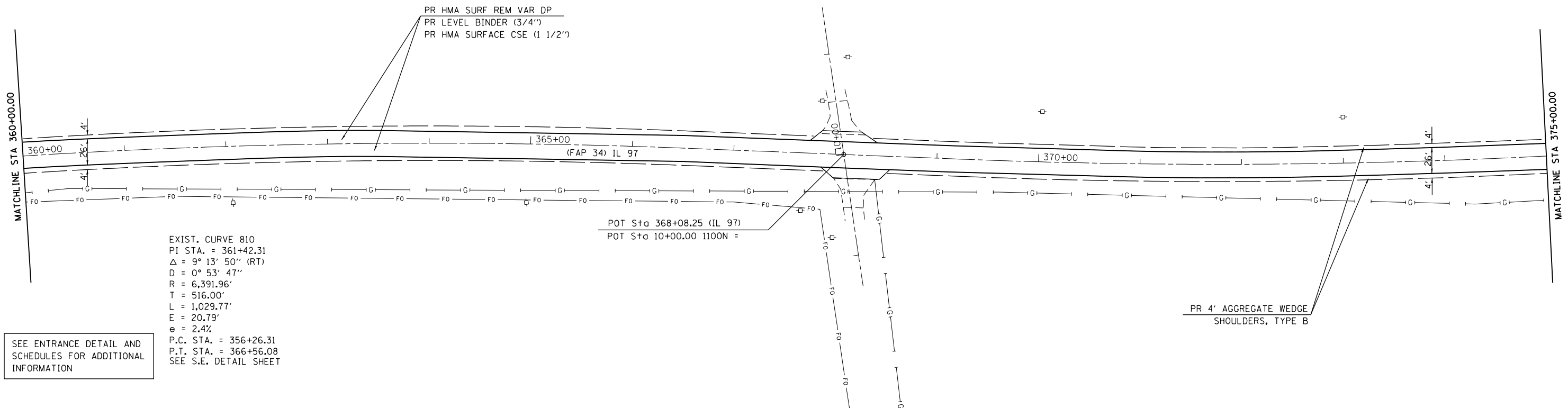
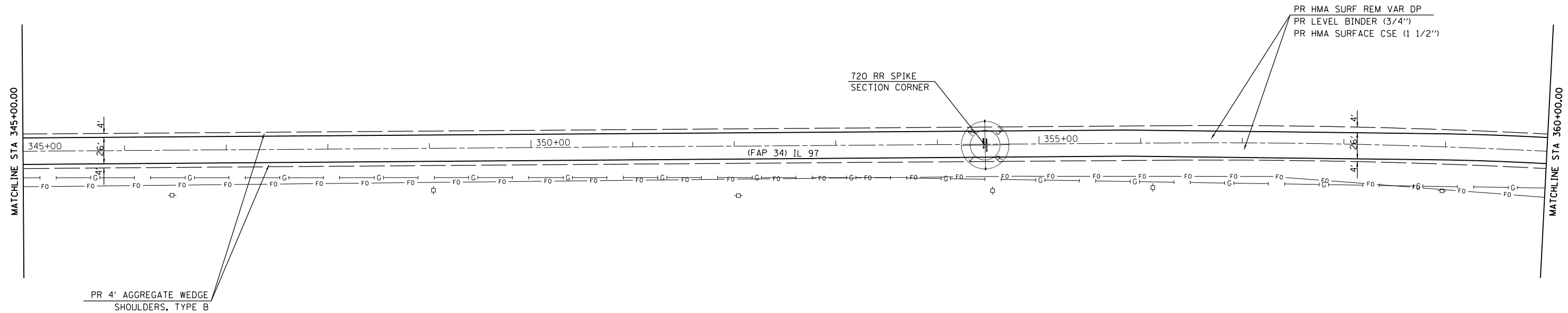
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672\Drawings\EA0\Sheets\0672H50\sh1-plan1.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
FAP 34 (IL 97)**

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

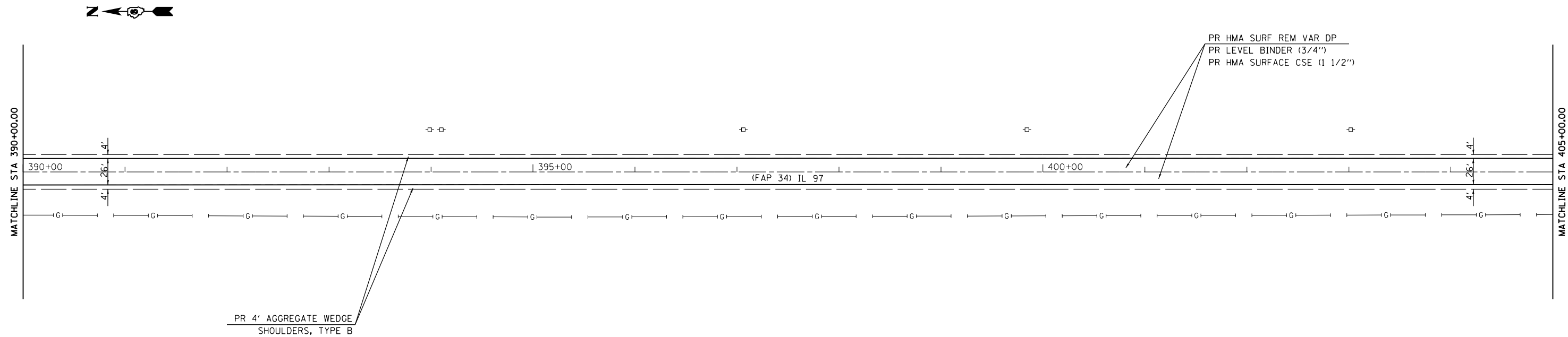
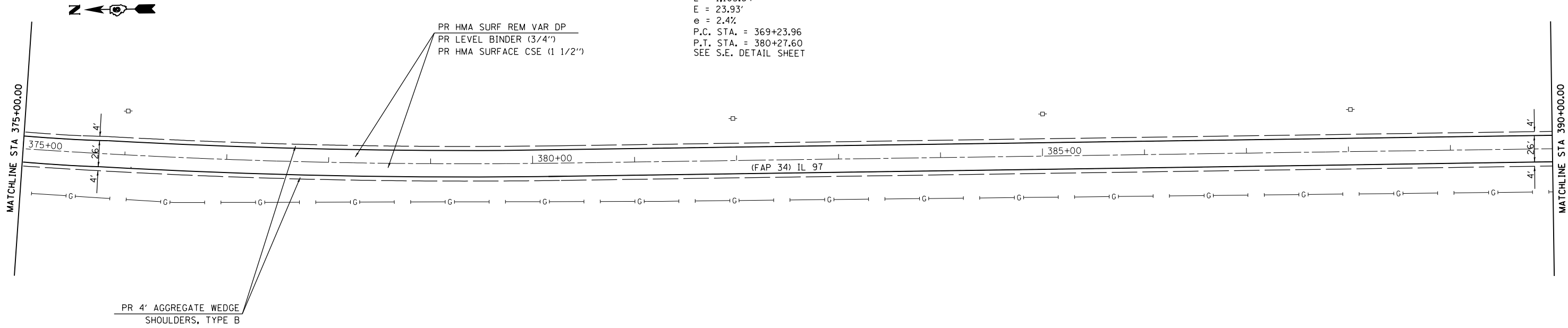
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	31
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	



SEE ENTRANCE DETAIL AND
SCHEDULES FOR ADDITIONAL
INFORMATION

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 34 (IL 97)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					34	(1) RS-8	MASON	61	34
	PLOT DATE = 8/13/2015	DATE -	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 72H50				
<small>ILLINOIS FED. AID PROJECT</small>												

EXIST. CURVE 805
 PI STA. = 374+77.16
 $\Delta = 9^\circ 54' 21''$ (LT)
 $D = 0^\circ 53' 51''$
 $R = 6,383.58'$
 $T = 553.20'$
 $L = 1,103.64'$
 $E = 23.93'$
 $e = 2.4\%$
 P.C. STA. = 369+23.96
 P.T. STA. = 380+27.60
 SEE S.E. DETAIL SHEET



SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

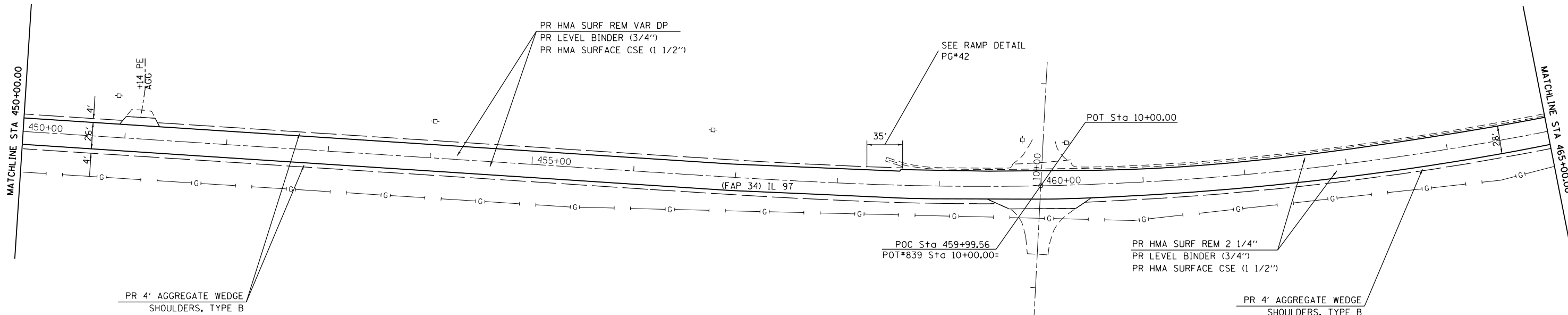
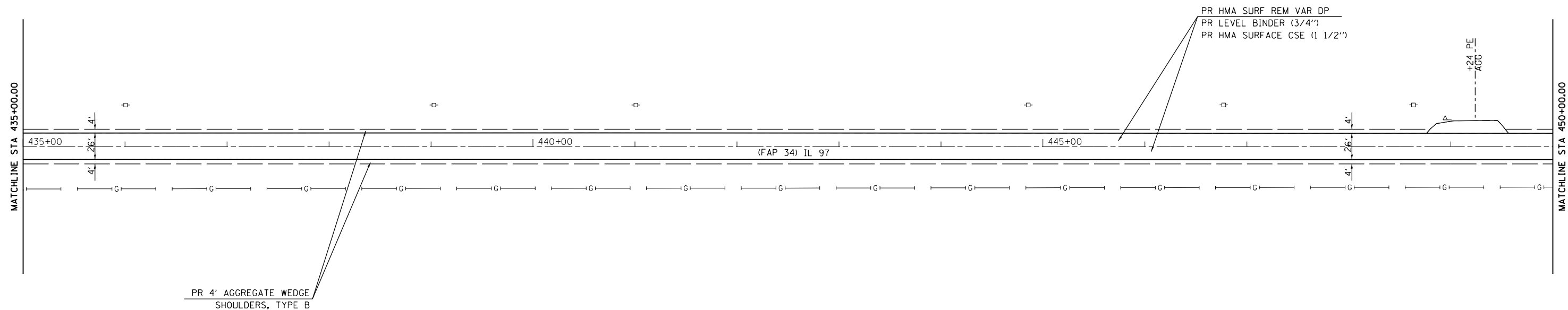
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
pw:\11084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\Sheets\0672H50-sht-plan.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 FAP 34 (IL 97)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	35
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	



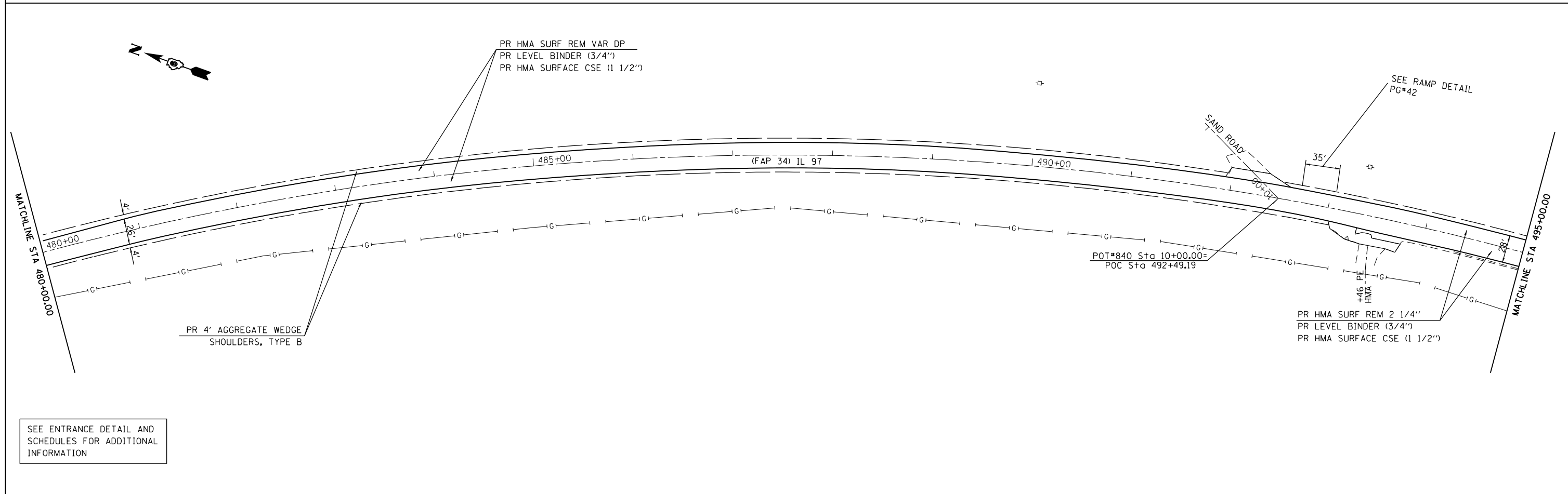
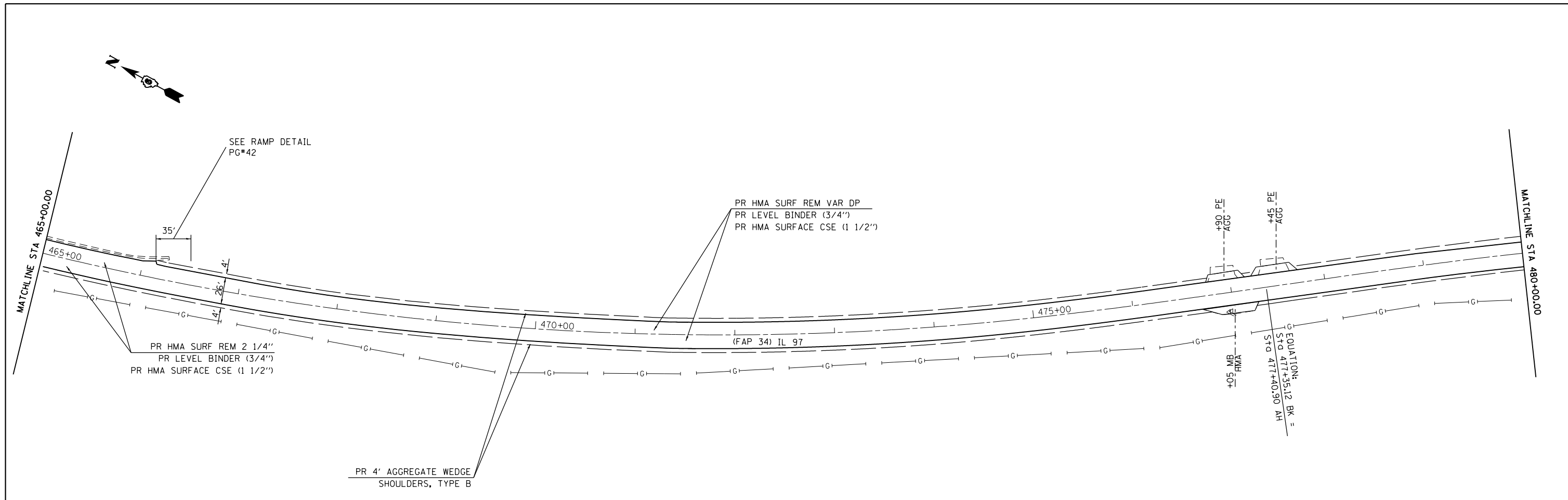
SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

FILE NAME =	USER NAME = sparksqw	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\Sheets\0672H50-sht-plan.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/13/2015	DATE -	REVISED -

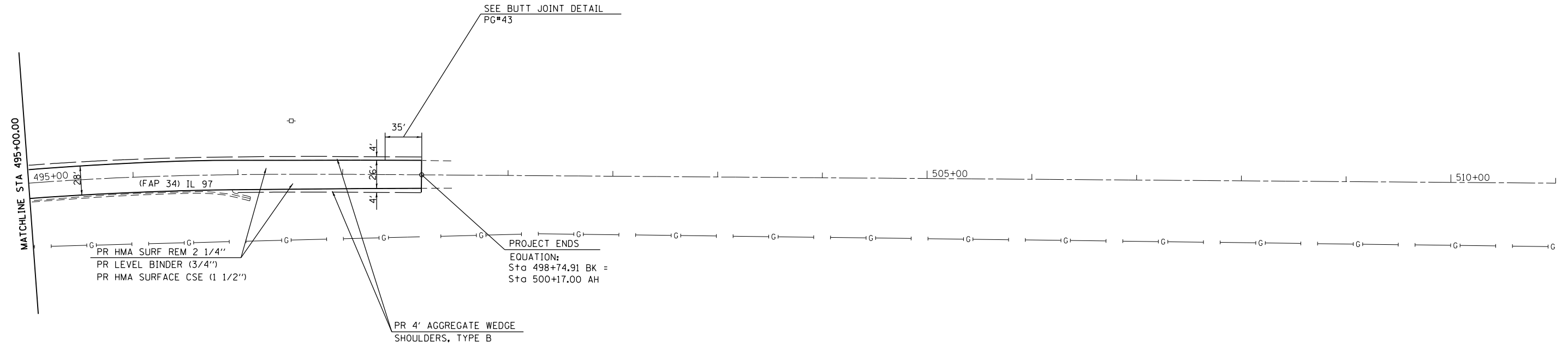
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 34 (IL 97)			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	37
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 34 (IL 97)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\Sheets\0672H50\sh1-plan.dwg		DRAWN -	REVISED -		34	(1) RS-8	MASON	61	38			
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 72H50							
Default		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 1"=50'	SHEET	OF	SHEETS	STA.	TO	STA.		



FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -
p:\IL\084EBID\INTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\Sheets\0672H50-sht-plan.plt		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

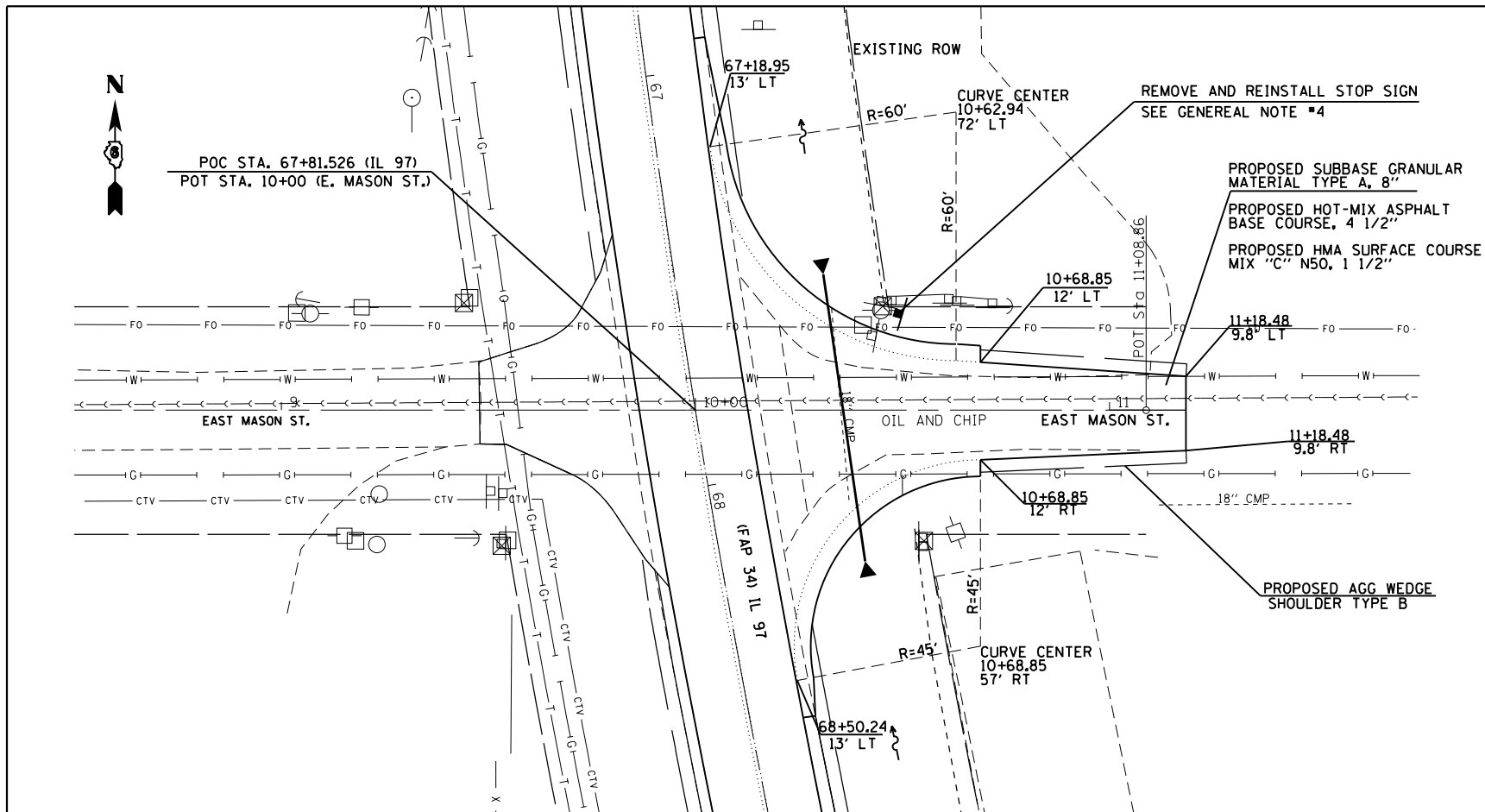
**PLAN SHEET
FAP 34 (IL 97)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H50	

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CHECKED	
	FILE NAME	

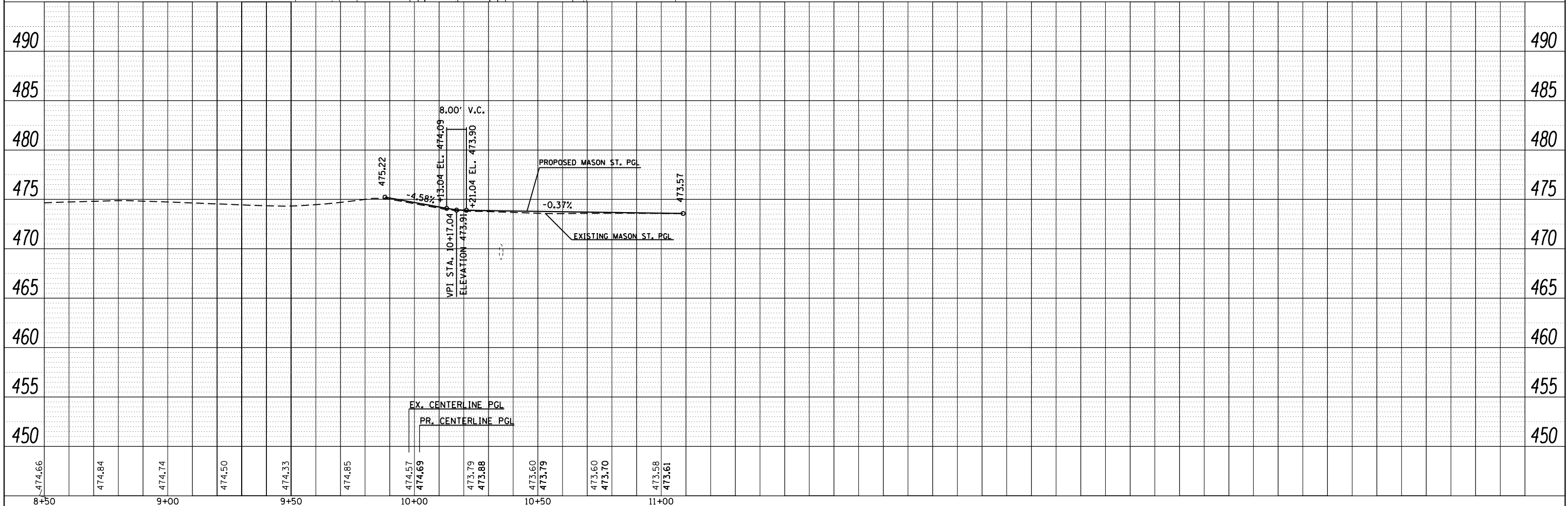
PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CHECKED	
	FILE NAME	



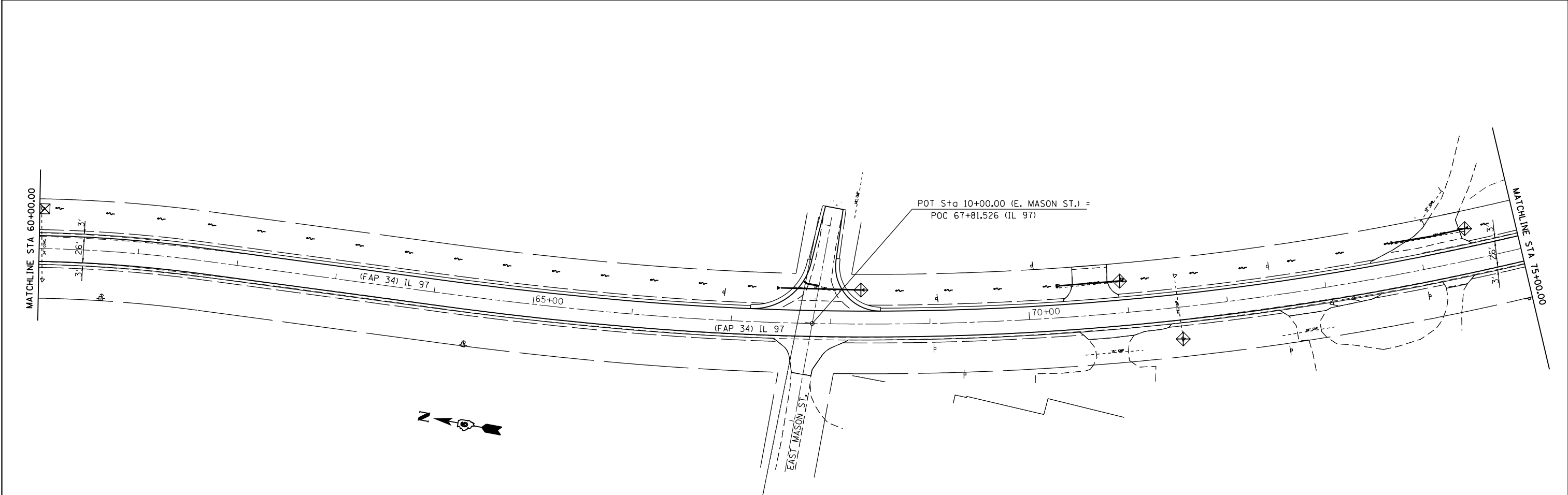
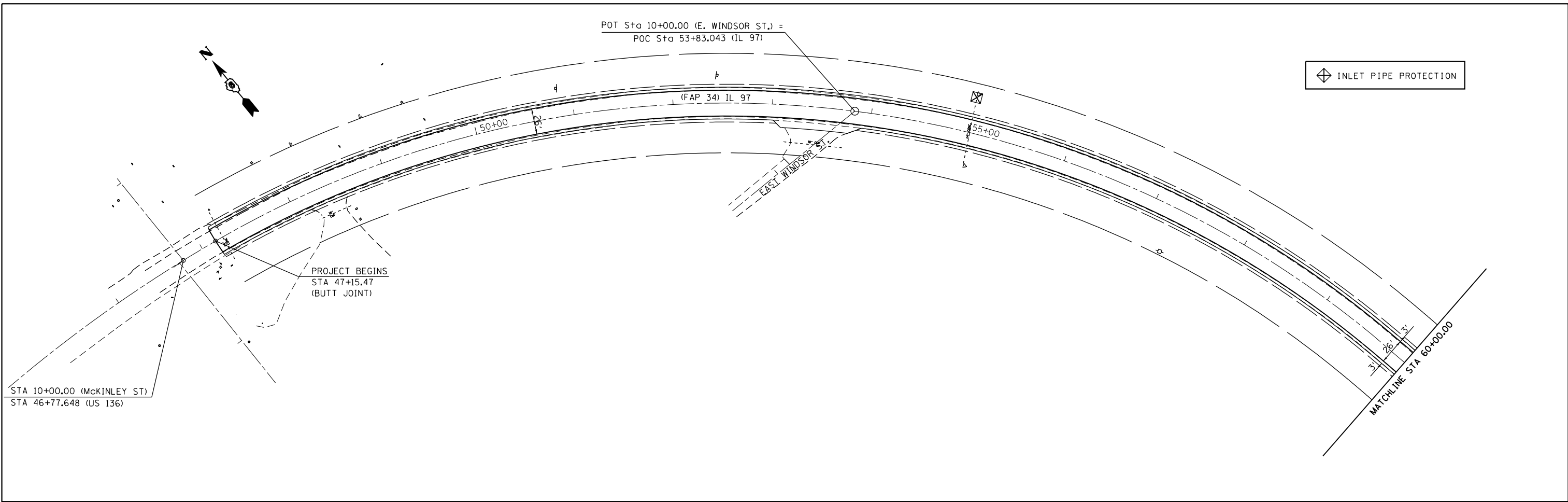
BENCHMARKS

- BM 1155
CHSLD. "X" FLANGE BOLT FIRE HYDRANT
NW QUAD IL 97 & WINDSOR ST.
STA. 52+94.5, O/S 53.9' RT, EL= 471.681
- BM 1156
TOP OF ROW MARKER NE QUAD IL 97 & MASON ST.
STA. 67+63.7, O/S 48.6' LT, EL= 475.269
- BM 1157
NAIL IN PP N. FABCO SHOP, E. SIDE IL 97
STA. 74+38.5, O/S 46.8' RT, EL= 476.809
- BM TA-34
CHSLD. "I" LIGHPOLE NE CORNER
HAVANA METAL CULVERTS
STA. 84+19.8, 55.5' RT, EL=480.679
- BM 1162
CHSLD. "I" TOP CONC. PIPE EXT. NE QUAD IL 97
STA. 132+10.2, O/S 27.3' LT, EL= 478.666
- BM 1158
NAIL IN PP N. ENT. HAVANA METAL CULVERTS
STA. 85+00, O/S 43.5' RT, EL= 479.880
- BM 1159
CHSLD. "I" TOP CONC. PIPE EXT. SW QUAD IL 97
STA. 96+00, O/S 34.7' RT, EL= 476.514
- BM 1160
NAIL IN PP S. EDGE OF N. ENT. CENT. ILL. IRR.
STA. 107+42.1, O/S 55.5' LT, EL= 482.426
- BM 1161
NAIL IN PP
STA. 120+18.7, O/S 49.7' LT, EL= 483.274

• ALL DATUM NAVD88

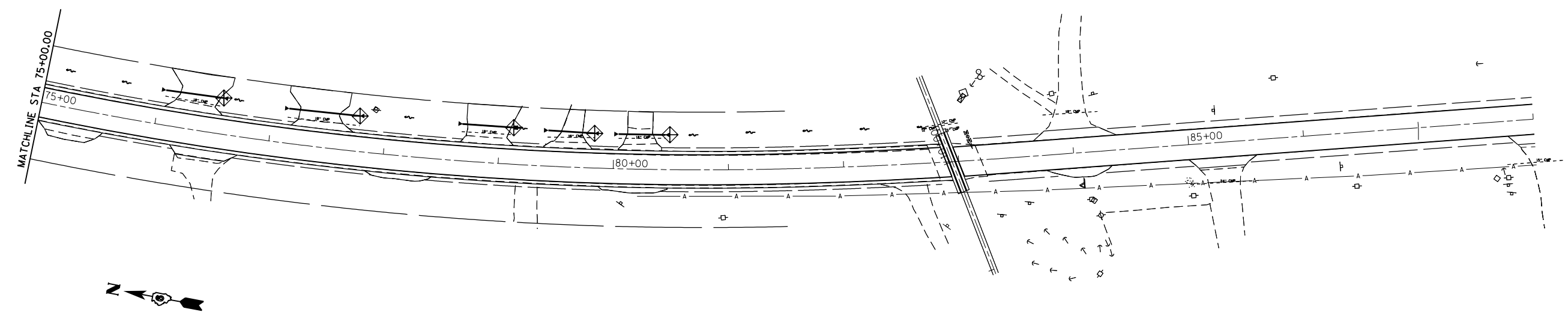


FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">PLAN AND PROFILE SHEET MASON ST.</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -		34	(1) RS-8	MASON	61	40
		DATE -	REVISED -		CONTRACT NO. 72H50				
					ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">TEMPORARY EROSION CONTROL PLAN SHEETS</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\06721\DRAWING>Data\EADsheets\06721\sh-eros.dgn	PLANNED BY =	CHECKED -	REVISED -			34	(1) RS-8	MASON	61	41
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 72H50				
	PLOT DATE = 8/13/2015					ILLINOIS FED. AID PROJECT				
		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

◆ INLET PIPE PROTECTION



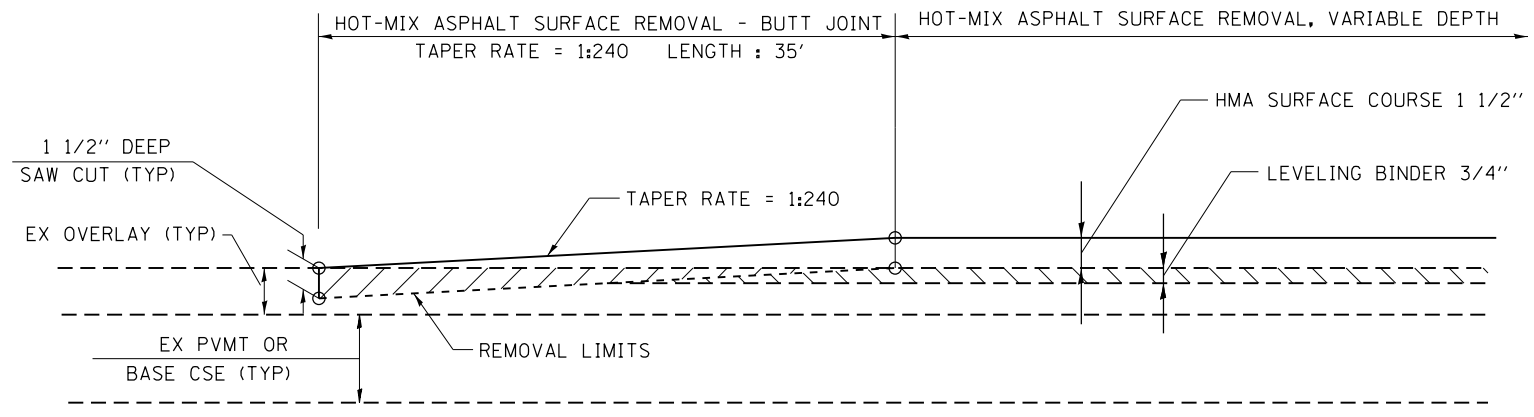
FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -
p:\l\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\D672H50\Drawings\EA0\Drawings\672H50-eros.dwg		CHECKED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -
	PLOT DATE = 8/13/2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

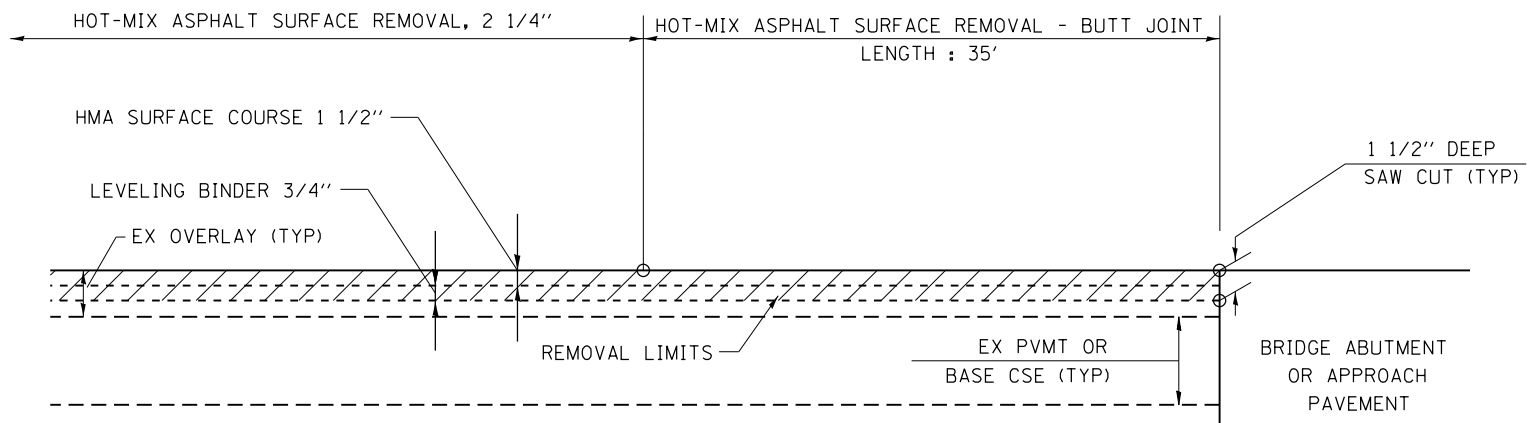
**TEMPORARY EROSION
CONTROL PLAN SHEETS**

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

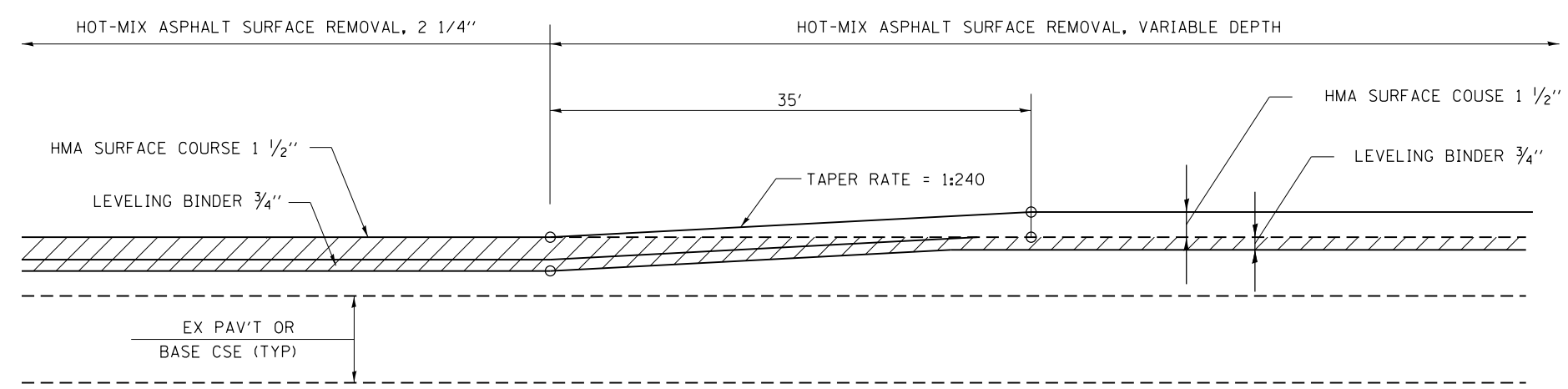
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H50	



BUTT JOINT DETAIL #1
 STA. 47+15.47 TO STA. 47+50.47
 STA. 82+54.32 TO STA. 82+89.32
 STA. 82+99.32 TO STA. 83+34.32



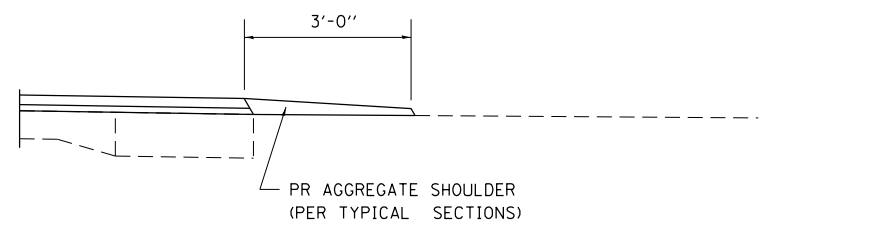
BUTT JOINT DETAIL #2
 STA. 498+39.91 TO STA. 498+74.91



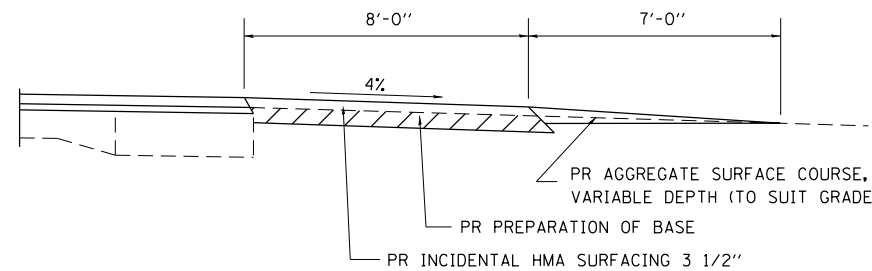
RAMP DETAIL
 STA. 458+64.43 TO STA. 458+99.43
 STA. 465+89.62 TO STA. 466+24.62
 STA. 492+67.28 TO STA. 493+02.28

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

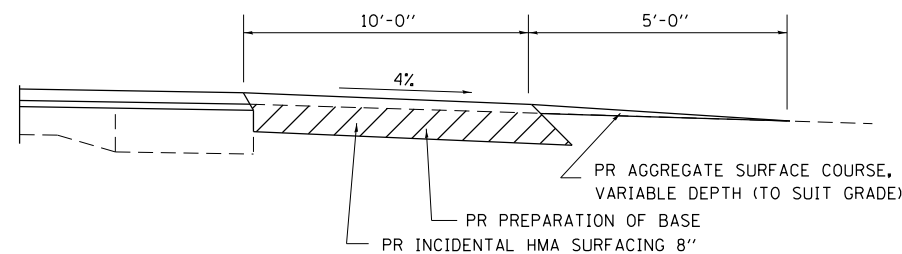
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND RAMP DETAIL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\Sheets\0672H50-shr-det.dwg	PLotted	DRAWN	REVISED		34	(1) RS-8	MASON	61	43				
Default	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -		CONTRACT NO. 72H50				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/13/2015	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		



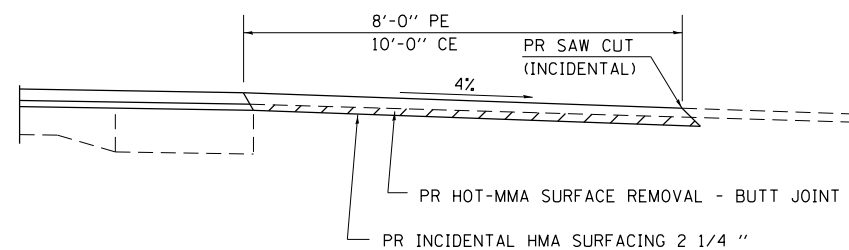
SECTION A-A FOR EX EARTH/ AGGREGATE FE



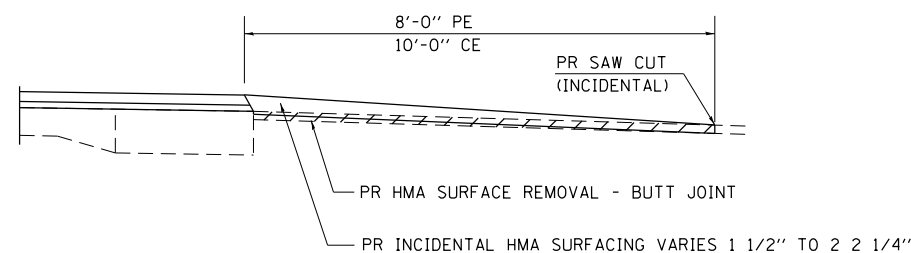
SECTION A-A FOR EX EARTH/AGGREGATE PE



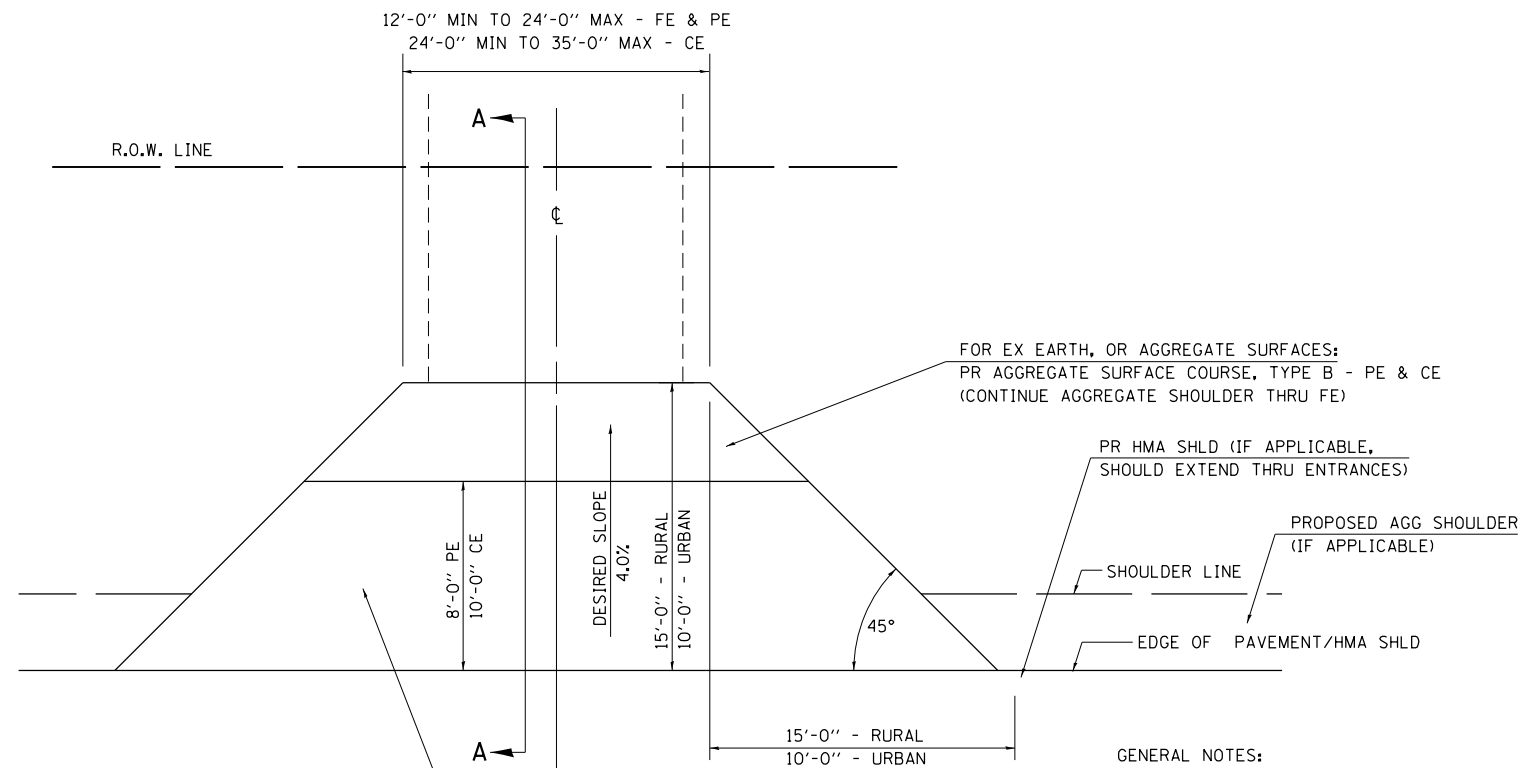
SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX EARTH/AGGREGATE PE/CE & SIDE ROAD WITH EXISTING HMA APRON



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



FOR EX EARTH OR AGGREGATE SURFACES WITH HMA APRONS:
 PR HMA SURFACE REMOVAL VD (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR INCIDENTAL HMA SURF 2 1/4 " - PE
 PR INCIDENTAL HMA SURF 2 1/4 " - CE

FOR EX HOT-MIX ASPHALT SURFACES:
 PR HMA SURFACE REMOVAL - BUTT JOINT

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

FOR EX EARTH, OR AGGREGATE SURFACES:
 PR AGGREGATE SURFACE COURSE, TYPE B - PE & CE
 (CONTINUE AGGREGATE SHOULDER THRU FE)

PR HMA SHLD (IF APPLICABLE, SHOULD EXTEND THRU ENTRANCES)

PROPOSED AGG SHOULDER (IF APPLICABLE)

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.

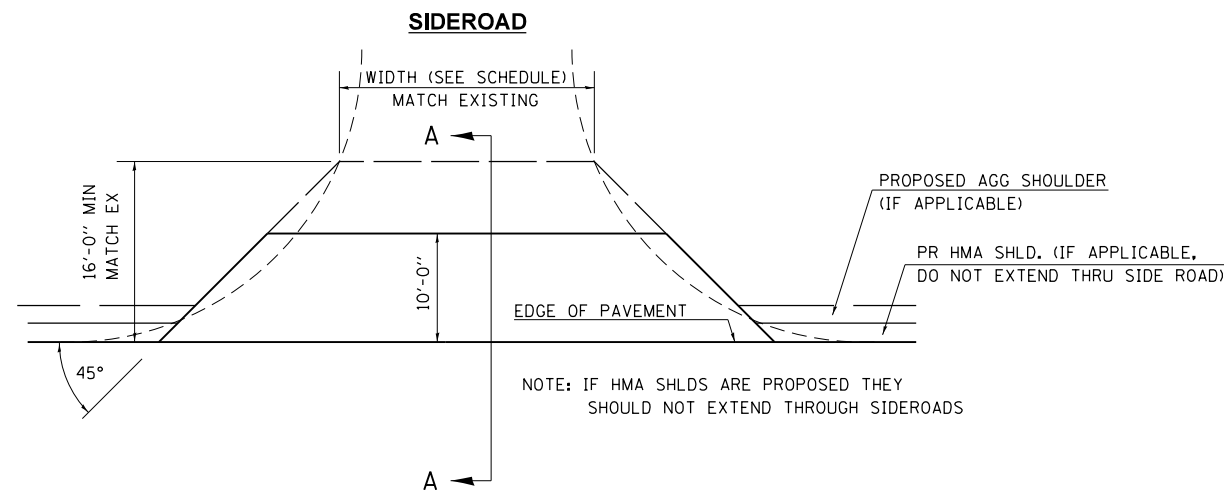
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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.

HOT-MIX ASPHALT 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 HOT-MIX ASPHALT 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 BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF HOT-MIX ASPHALT SURFACE COURSE.

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



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

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\672H50\shd-det.dwg		CHECKED -	REVISED -
Default	PLOT DATE = 8/13/2015	DATE -	REVISED -

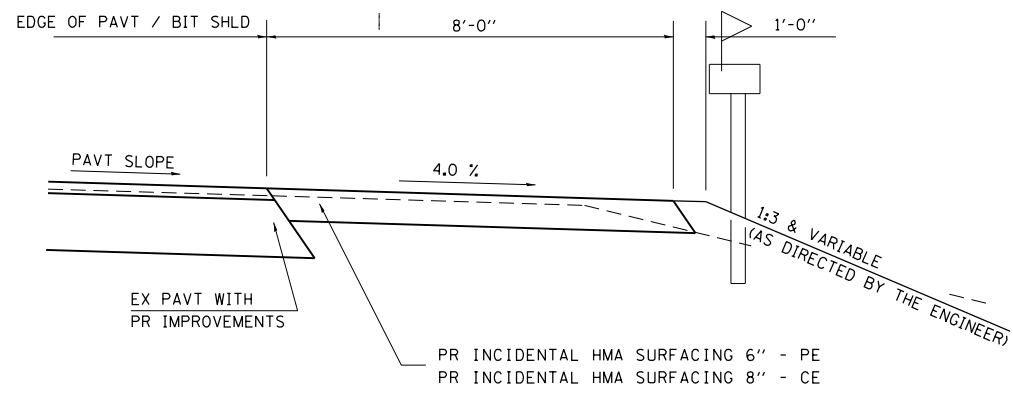
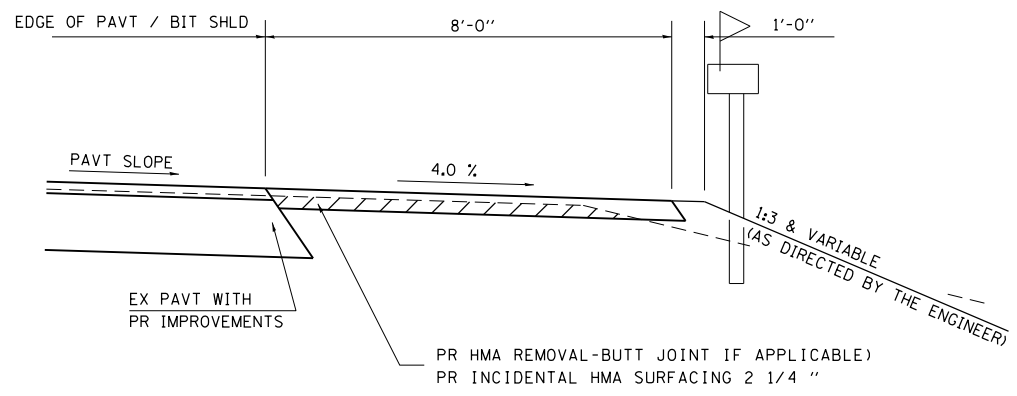
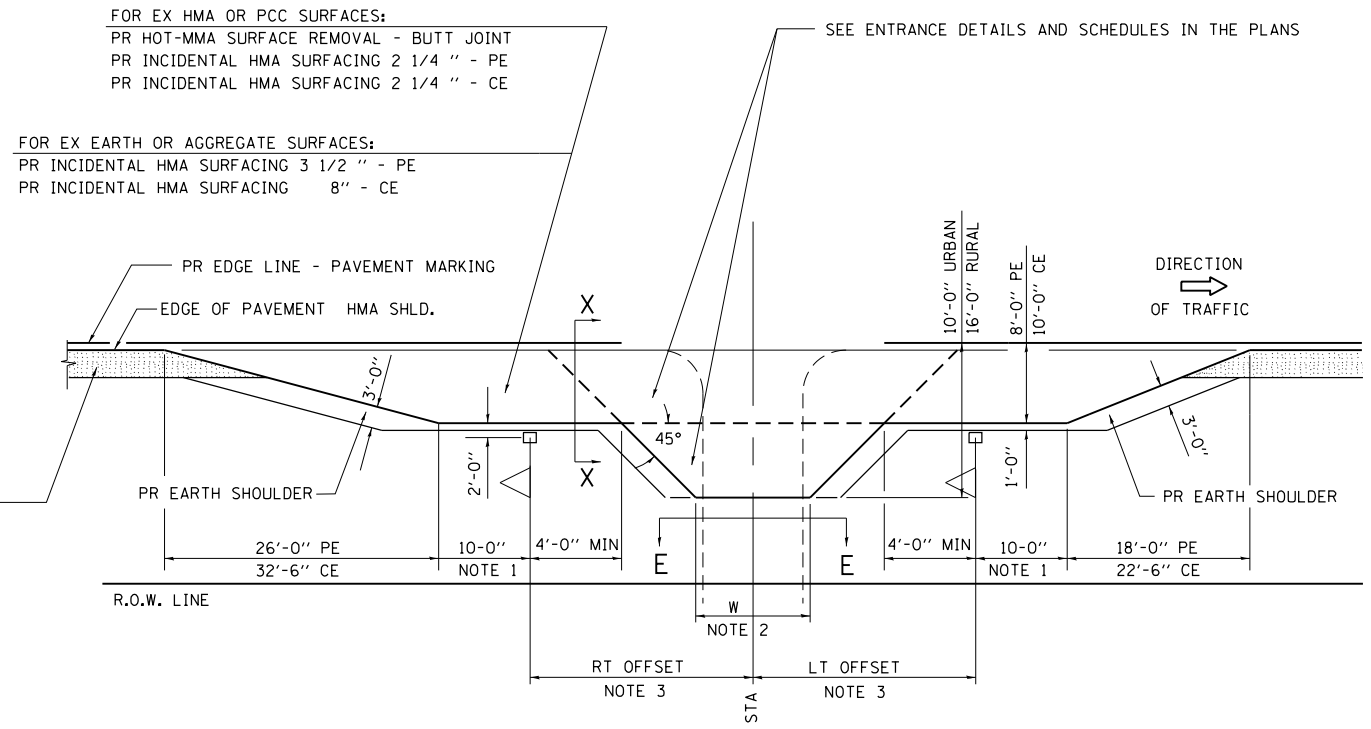
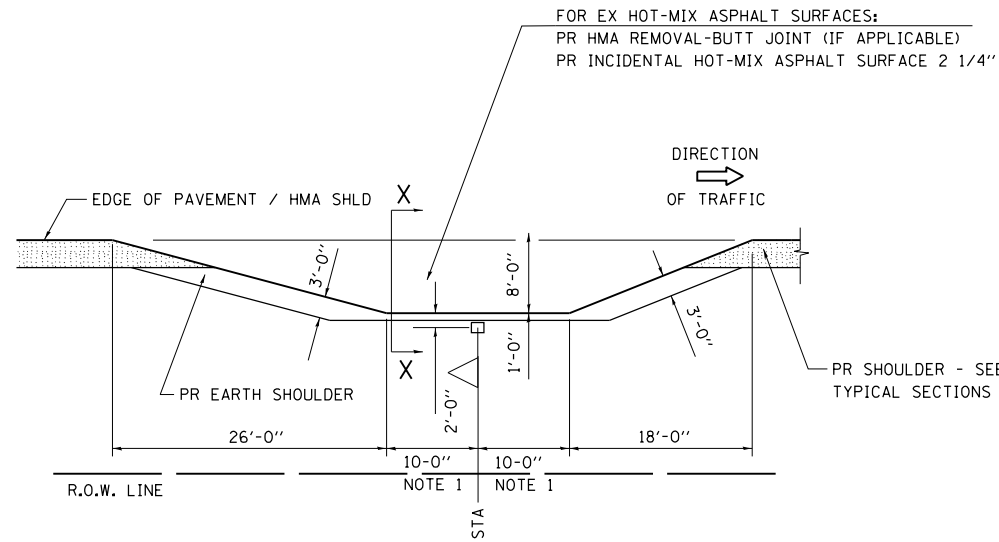
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET OF SHEETS STA. TO STA.

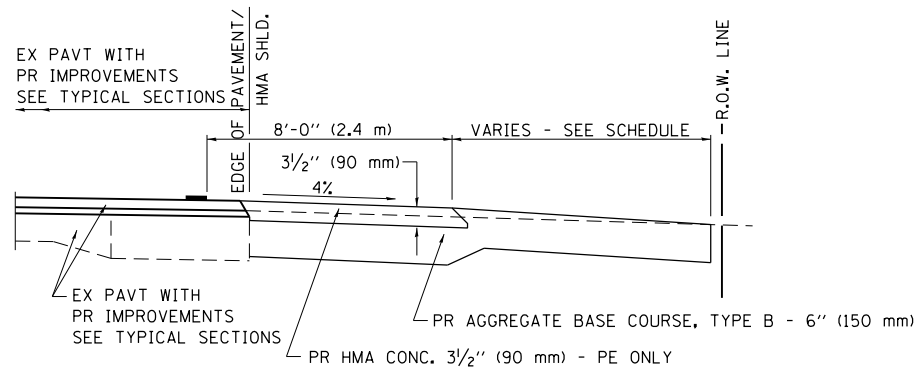
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	44
			CONTRACT NO. 72H50	
ILLINOIS FED. AID PROJECT				

DETAILS OF MAILBOX TURNOUTS

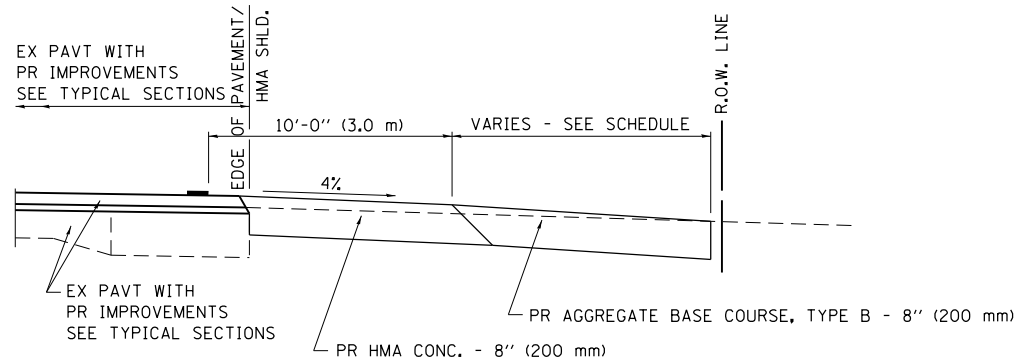


- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

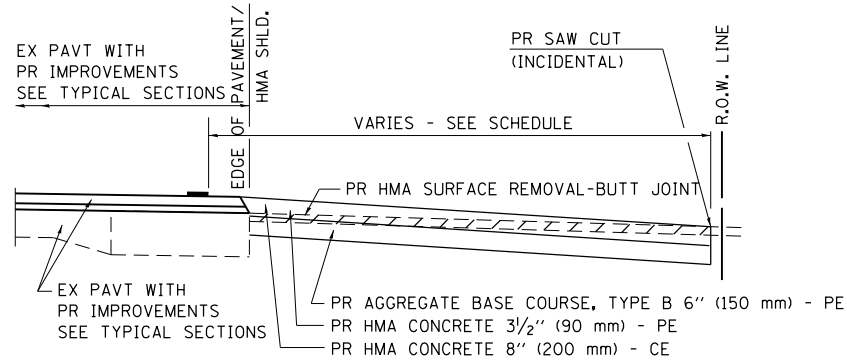
FILE NAME =	USER NAME = sparksqw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\D672H50\Drawings\672H50\shd-deta	pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\D672H50\Drawings\672H50\shd-deta	DRAWN -	REVISED -			34	(1) RS-8	MASON	61	45	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 72H50					
	PLOT DATE = 8/13/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



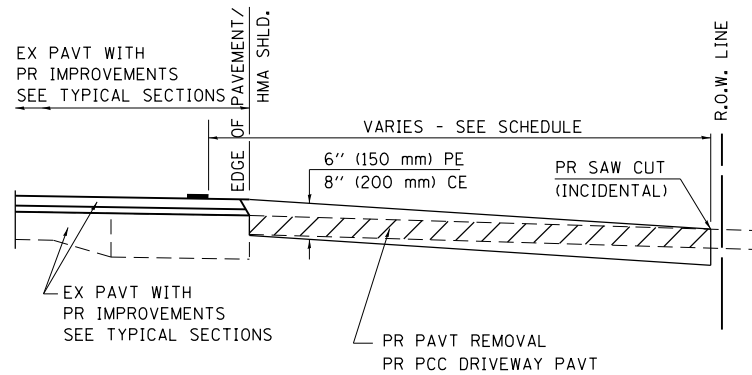
SECTION A-A FOR EX EARTH/AGGREGATE FE & PE



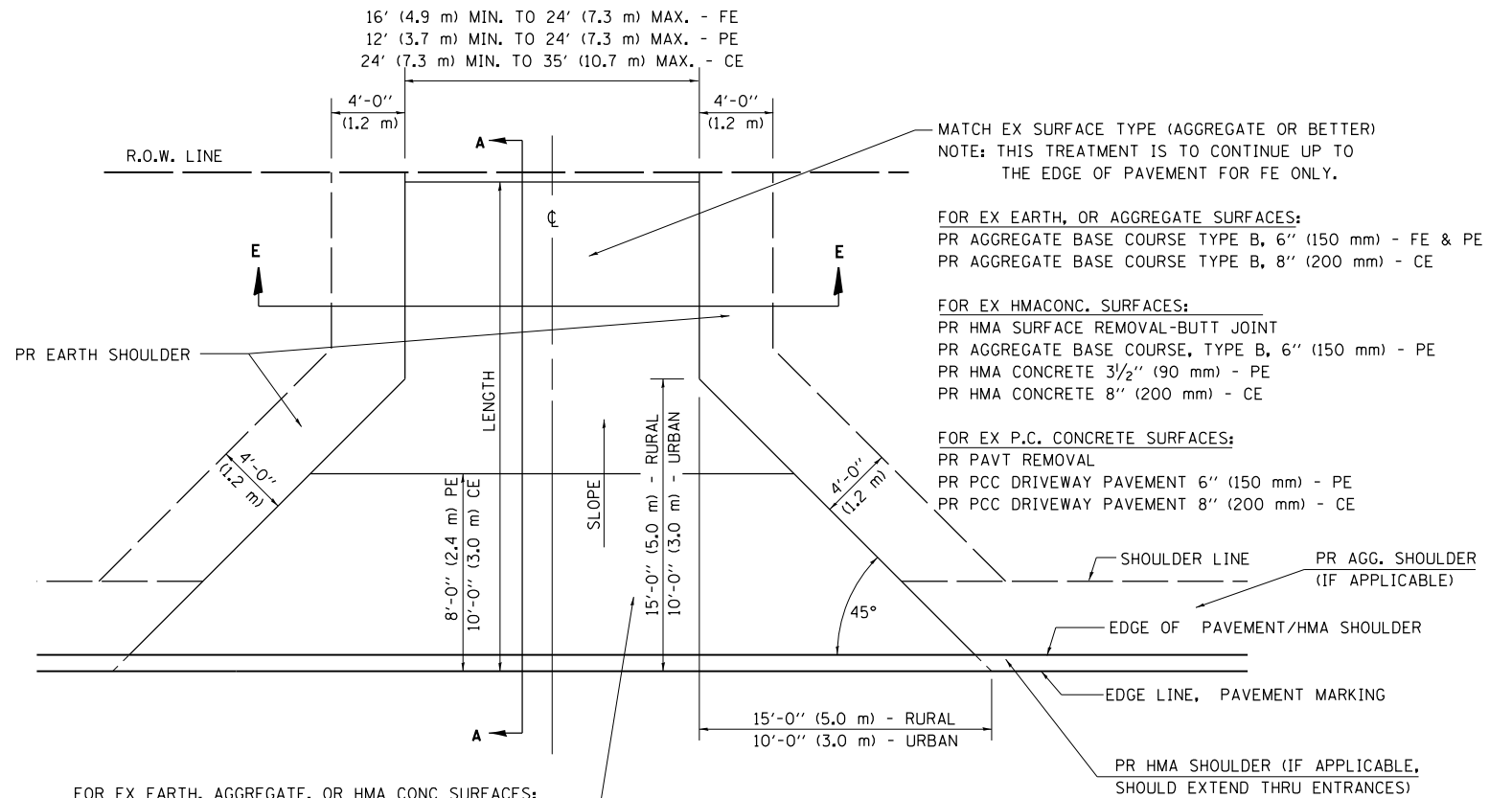
SECTION A-A FOR EX EARTH/AGGREGATE CE



SECTION A-A FOR EX HMA PE & CE



SECTION A-A FOR EX P.C. CONC. PE & CE



FOR EX EARTH, AGGREGATE, OR HMA CONC SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT (IF APPLICABLE)
 PR AGGREGATE BASE COURSE TYPE B 6" (150 mm) - FE
 PR AGGREGATE BASE COURSE TYPE B, 6" (150 mm) &
 PR HMA CONCRETE 3 1/2" (90 mm) - PE
 PR HMA CONCRETE 8" (200 mm) - CE

FOR P.C. CONCRETE SURFACES:
 PR PAVT REMOVAL
 PR PCC DRIVEWAY PAVT 6" (150 mm) - PE
 PR PCC DRIVEWAY PAVT 8" (200 mm) - CE

• THIS DETAIL IS TO BE USED WHERE PIPE CULVERTS ARE BEING REPLACED.

GENERAL NOTES:

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

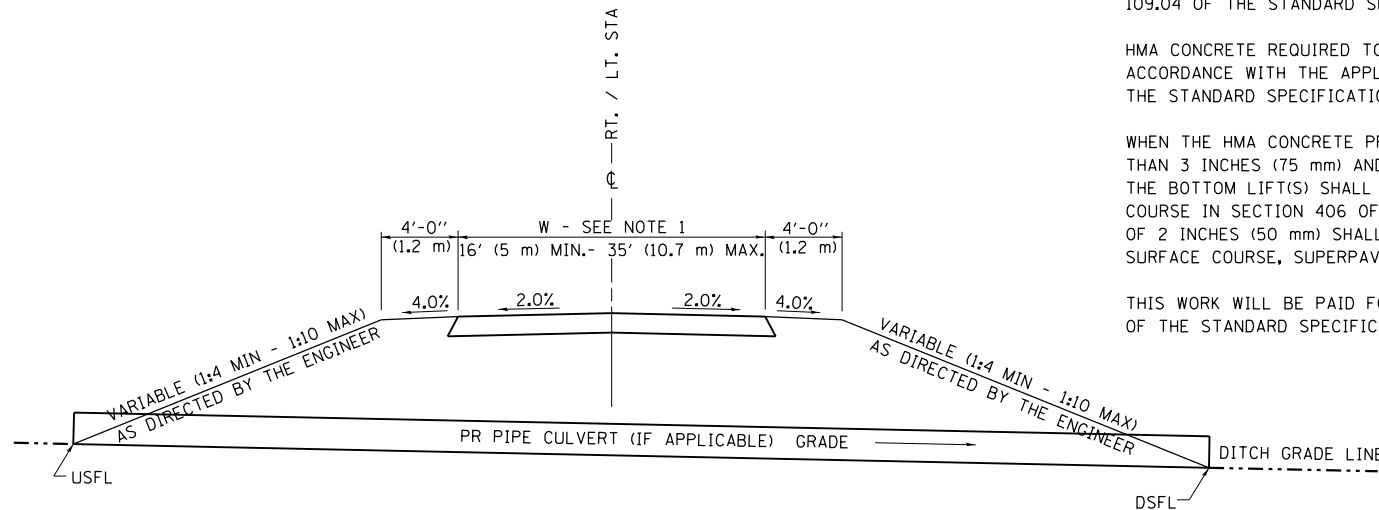
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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

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

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

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



SECTION E-E ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

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

FILE NAME =	USER NAME = sparksgr	DESIGNED -	REVISED - 2/19/03 (JCN)
ENT 3R.DGN		CHECKED - JCN	REVISED - 4/01/04 (JCN)
		DATE - FEBRUARY 23, 1999	REVISED - 8/01/07 (JCN)
			REVISED - 01/2013

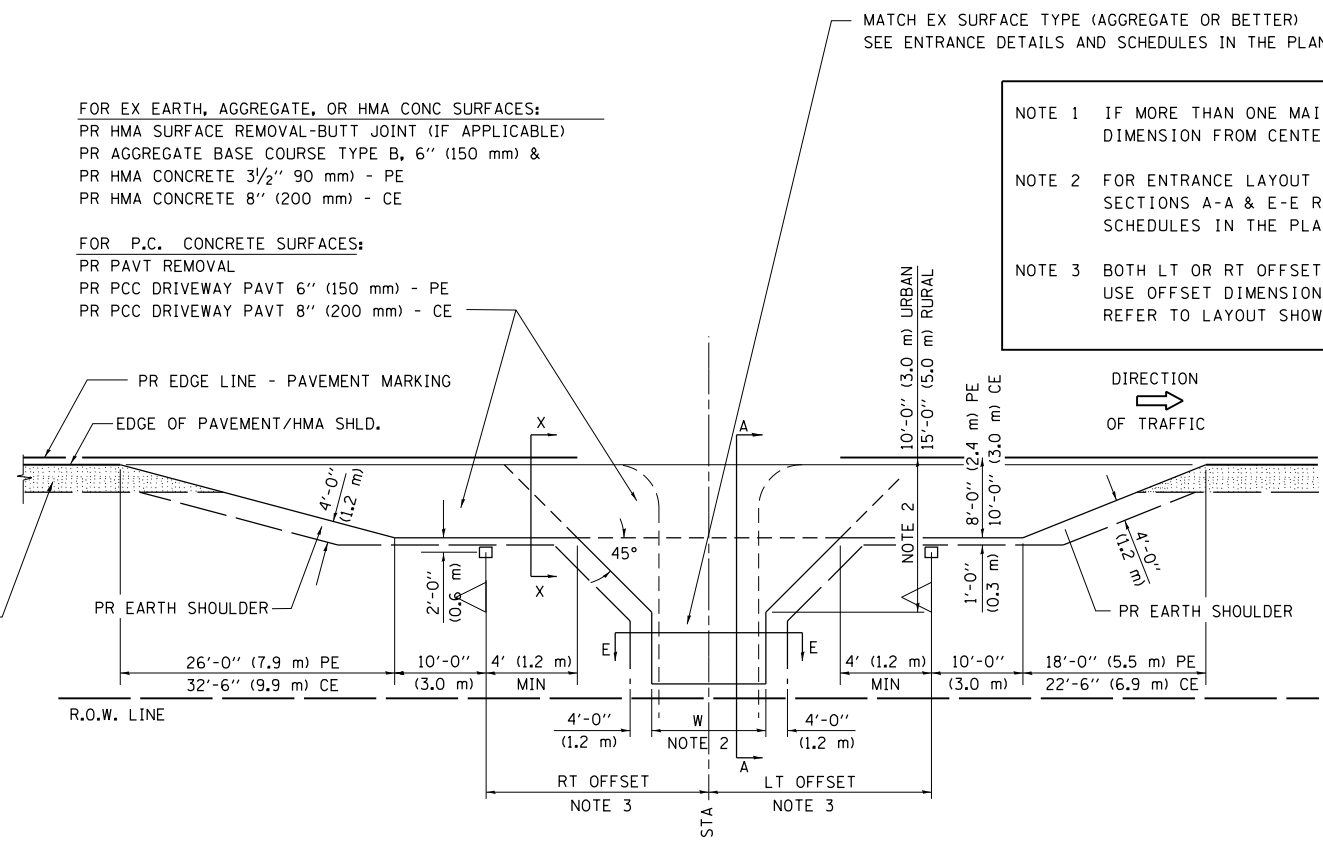
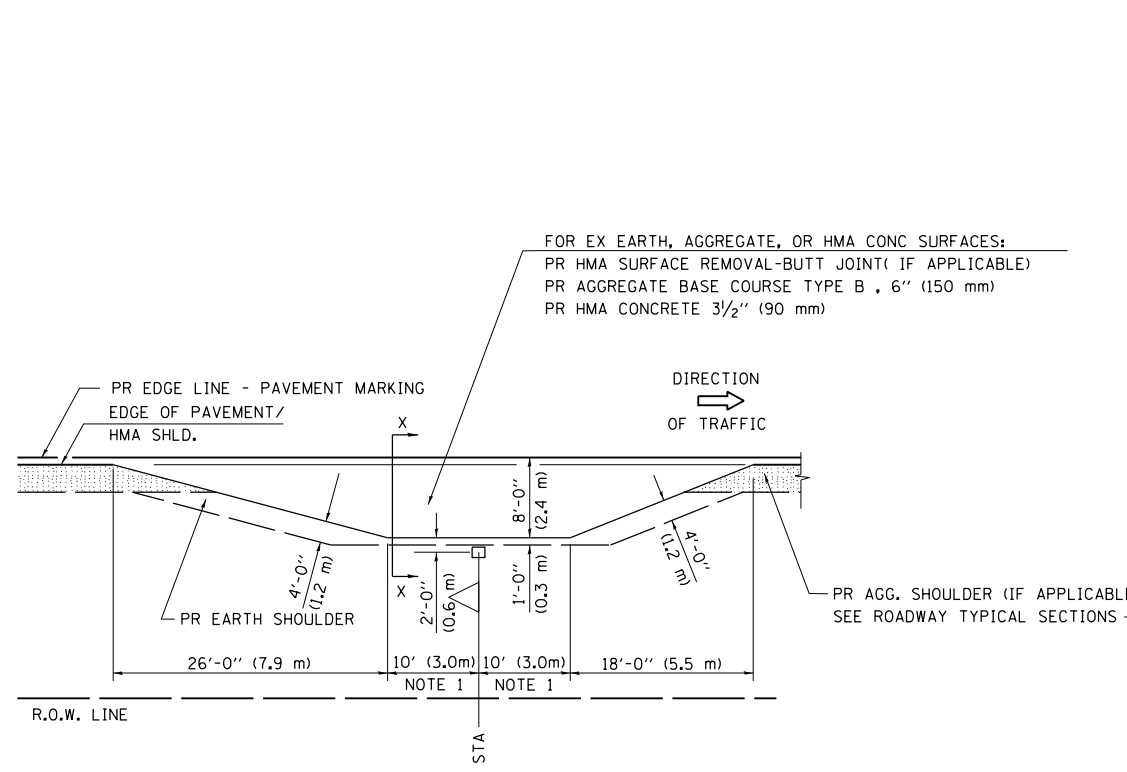
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 6 DETAILS FOR RURAL/URBAN ENTRANCE &
MAILBOX TURNOUT W/O CONC GUTTER (3R - PROJECTS)**

SCALE: SHEET OF SHEETS STA. TO STA.

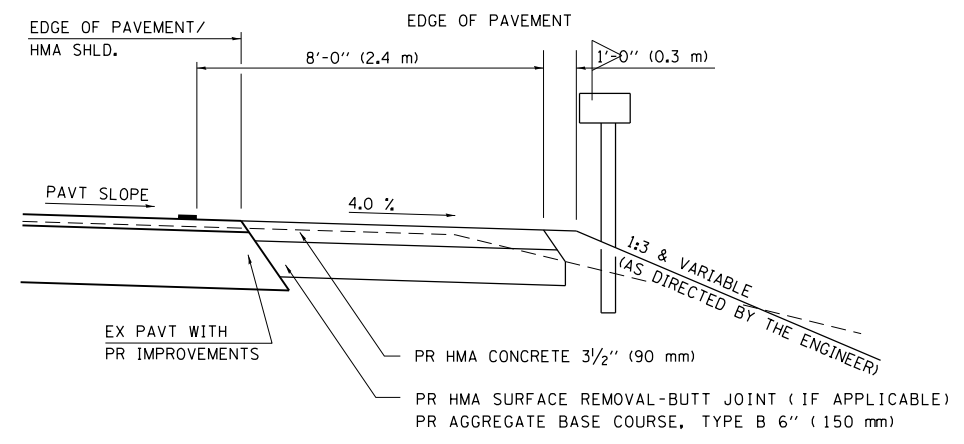
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	46
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H50	

DETAILS OF MAILBOX TURNOUTS

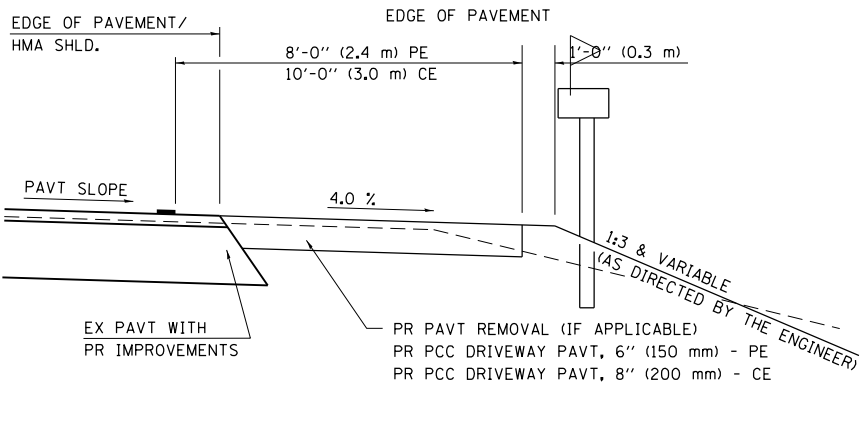


PLAN - MAILBOX TURNOUTS

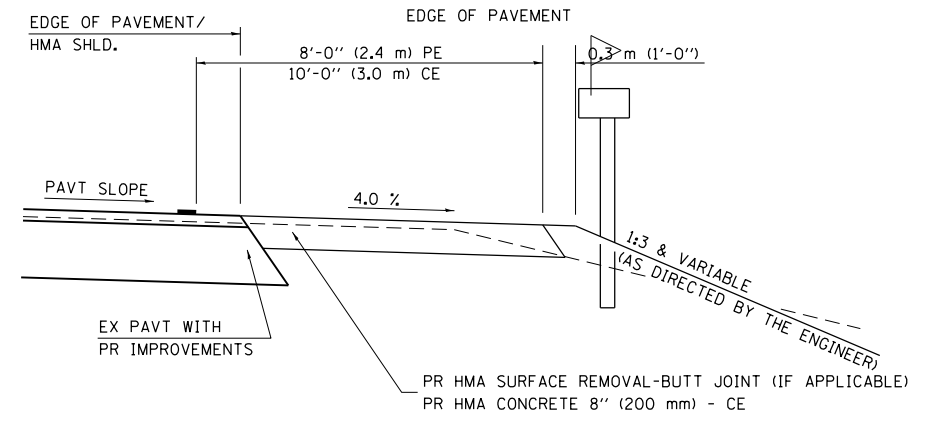
PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



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



**SECTION X-X THRU MAILBOX TURNOUT
 COMBINED WITH EX CONC PE OR CE**



**SECTION X-X THRU MAILBOX TURNOUT
 COMBINED WITH EX EARTH, AGGREGATE, OR HMA CE**

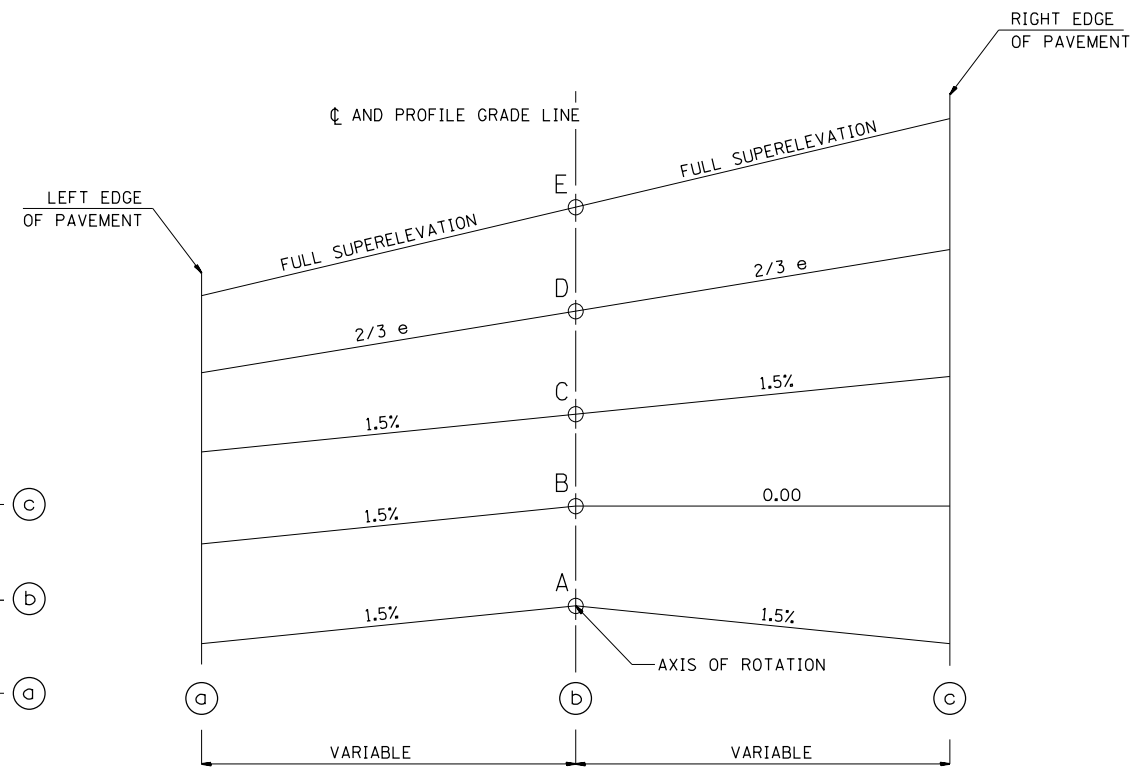
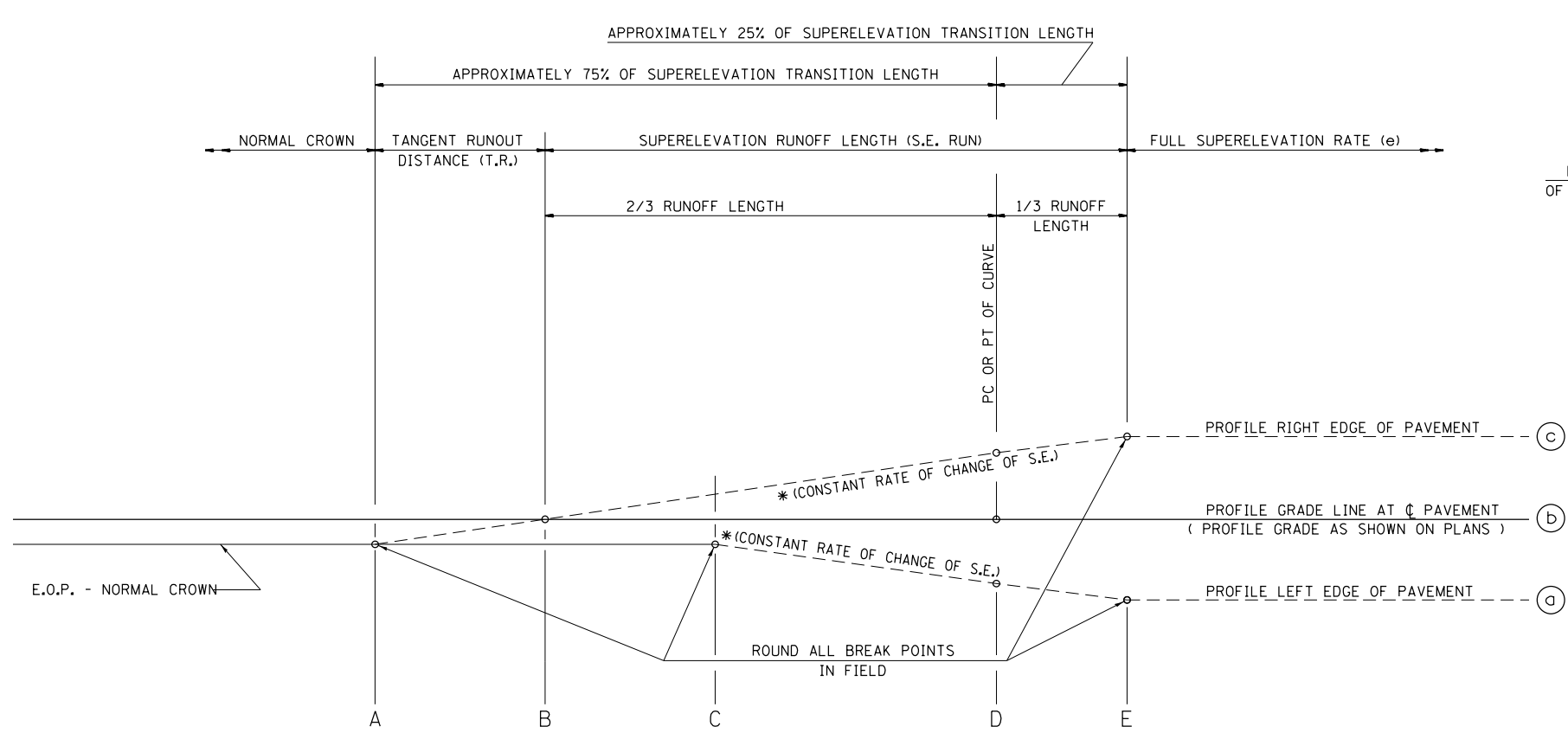
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED - 2/19/03 (JCN)
pw\11084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\600\672H50-shd-det.dwg		DRAWN -	REVISED - 4/01/04 (JCN)
Default ENT 3R.DGN		CHECKED - JCN	REVISED - 8/01/07 (JCN)
		DATE - FEBRUARY 23, 1999	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT 6 DETAILS FOR RURAL/URBAN ENTRANCE &
 MAILBOX TURNOUT W/O CONC GUTTER (3R - PROJECTS)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	47
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H50	



EXIST. CURVE 163
 PI STA. = 64+96.90
 $\Delta = 2^\circ 34' 30''$ (LT)
 $D = 1^\circ 26' 38''$
 $R = 3,968.35'$
 $T = 89.19'$
 $L = 178.35'$
 $E = 1.00'$
 $e = 3.6\%$
 $T.R. = 39.96$
 $S.E. RUN = 96.41$
 $P.C. STA. = 64+07.72$
 $P.T. STA. = 65+86.06$

EXIST. CURVE 164
 PI STA. = 73+88.37
 $\Delta = 31^\circ 27' 11''$ (LT)
 $D = 2^\circ 00' 39''$
 $R = 2,849.25'$
 $T = 802.31'$
 $L = 1,564.12'$
 $E = 110.81'$
 $e = 4.5\%$
 $T.R. = 39.96$
 $S.E. RUN = 118.57$
 $P.C. STA. = 65+86.06$
 $P.T. STA. = 81+50.18$

EXIST. CURVE 165
 PI STA. = 82+49.31
 $\Delta = 2^\circ 46' 36''$ (LT)
 $D = 1^\circ 24' 03''$
 $R = 4,090.18'$
 $T = 99.13'$
 $L = 198.21'$
 $E = 1.20'$
 $e = 3.6\%$
 $T.R. = 39.96$
 $S.E. RUN = 94.46$
 $P.C. STA. = 81+50.18$
 $P.T. STA. = 83+48.39$

EXIST. CURVE 166
 PI STA. = 109+79.90
 $\Delta = 6^\circ 02' 56''$ (RT)
 $D = 0^\circ 30' 03''$
 $R = 11,437.18'$
 $T = 604.30'$
 $L = 1207.47'$
 $E = 15.95'$
 $e = N.C.$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 103+75.60$
 $P.T. STA. = 115+83.07$

EXIST. CURVE 821
 PI STA. = 208+05.47
 $\Delta = 2^\circ 27' 47''$ (RT)
 $D = 0^\circ 05' 57''$
 $R = 57,775.92'$
 $T = 1,242.00'$
 $L = 2,483.62'$
 $E = 13.35'$
 $e = N.C.$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 195+63.47$
 $P.T. STA. = 220+47.09$

EXIST. CURVE 818
 PI STA. = 287+97.00
 $\Delta = 25^\circ 55' 47''$ (RT)
 $D = 2^\circ 00' 00''$
 $R = 2,864.90'$
 $T = 659.57'$
 $L = 1,296.54'$
 $E = 74.94'$
 $e = 4.5\%$
 $T.R. = 39.96$
 $S.E. RUN = 118.15$
 $P.C. STA. = 281+37.43$
 $P.T. STA. = 294+33.98$

EXIST. CURVE 805
 PI STA. = 374+77.16
 $\Delta = 9^\circ 54' 21''$ (LT)
 $D = 0^\circ 53' 51''$
 $R = 6,383.58'$
 $T = 553.20'$
 $L = 1,103.64'$
 $E = 23.93'$
 $e = 2.4\%$
 $T.R. = 39.96$
 $S.E. RUN = 63.64$
 $P.C. STA. = 369+23.96$
 $P.T. STA. = 380+27.60$

EXIST. CURVE 810
 PI STA. = 361+42.31
 $\Delta = 9^\circ 13' 50''$ (RT)
 $D = 0^\circ 53' 47''$
 $R = 6,391.96'$
 $T = 516.00'$
 $L = 1,029.77'$
 $E = 20.79'$
 $e = 2.4\%$
 $T.R. = 39.96$
 $S.E. RUN = 63.52$
 $P.C. STA. = 356+26.31$
 $P.T. STA. = 366+56.08$

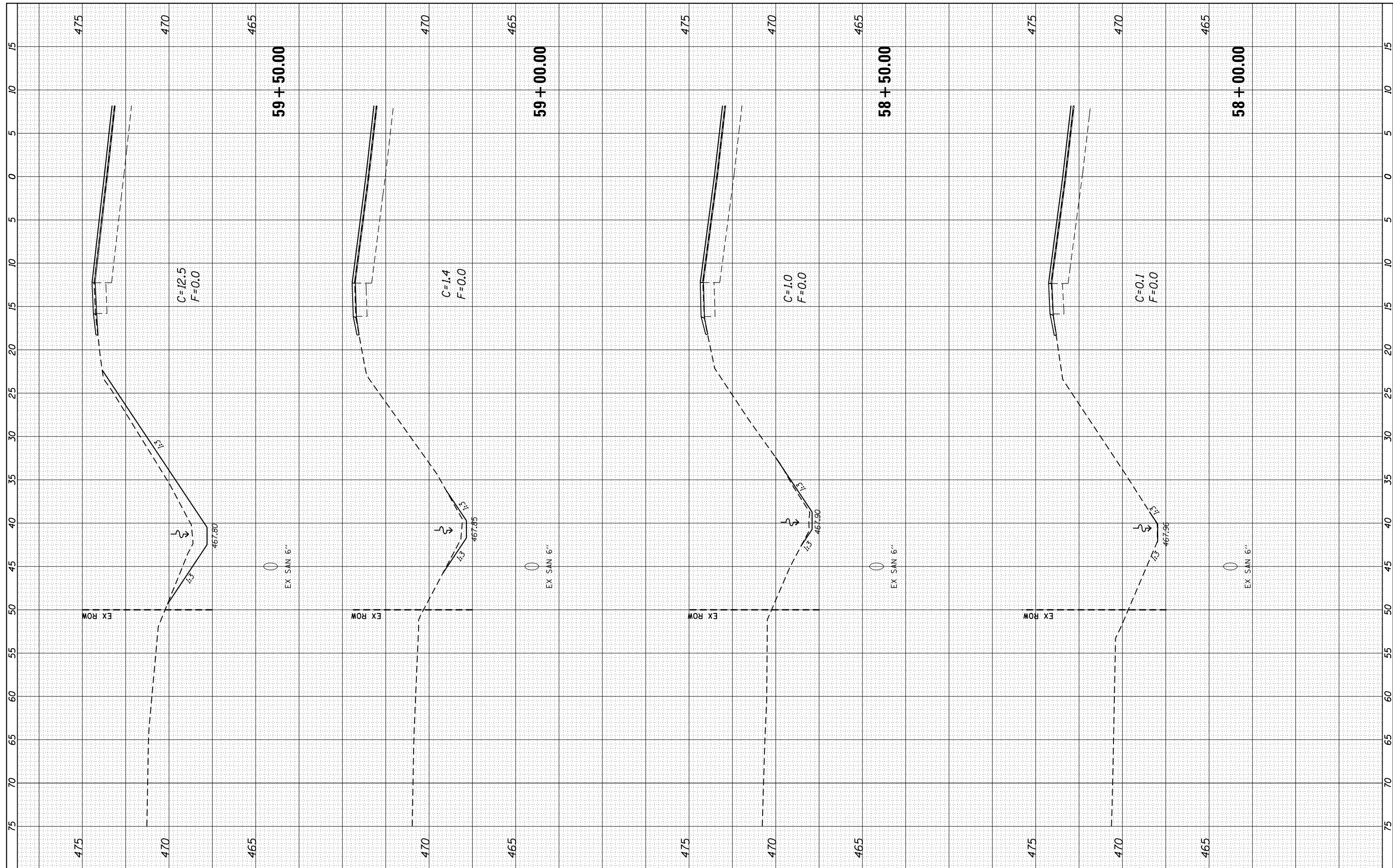
CURVE NO.	e	A	B	C	D	E	TRANSITION
163	3.6%	STA 63+03.49	STA 63+43.35	STA 63+83.41	STA 64+07.72	STA 64+39.86	P. C.
	3.6%	STA 66+90.29	STA 66+50.33	STA 66+10.37	STA 65+86.06	STA 65+53.92	P. T.
164	4.5%	STA 64+67.05	STA 65+07.01	STA 65+46.97	STA 65+86.06	STA 66+25.58	P. C.
	4.5%	STA 82+69.19	STA 82+29.23	STA 81+89.27	STA 81+50.18	STA 81+10.66	P. T.
165	3.6%	STA 80+47.24	STA 80+87.20	STA 81+27.16	STA 81+50.18	STA 81+81.67	P. C.
	3.6%	STA 84+51.33	STA 84+11.37	STA 83+71.41	STA 83+48.39	STA 83+16.90	P. T.
818	4.5%	STA 280+18.70	STA 280+58.66	STA 280+98.62	STA 281+37.43	STA 281+76.81	P. C.
	4.5%	STA 295+52.71	STA 295+12.75	STA 294+72.79	STA 294+33.98	STA 293+94.60	P. T.
810	2.4%	STA 355+44.00	STA 355+83.96	STA 356+23.92	STA 356+26.31	STA 356+47.48	P. C.
	2.4%	STA 367+38.39	STA 366+98.43	STA 366+58.47	STA 366+56.08	STA 366+34.91	P. T.
805	2.4%	STA 368+41.57	STA 368+81.53	STA 369+21.49	STA 369+23.96	STA 369+45.17	P. C.
	2.4%	STA 381+09.99	STA 380+70.03	STA 380+30.07	STA 380+27.60	STA 380+06.39	P. T.

- EXISTING CURVES 52, 70, & 73 FALL IN A COMPOUND CURVE. MATCH EXISTING (TYPICAL SECTION #1).
- EXISTING CURVES 803 & 827 FALL IN A SPIRAL CURVE. MATCH EXISTING (TYPICAL SECTIONS # 11, 12, 13, & 14).

= PROPOSED CURVE DATA
 SEE PLAN SHEETS FOR EXISTING SUPERELEVATION

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -
p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 6\Projects\0672H50\CADD\Drawings\0672H50-sht-xscm1.dgn		DRAWN	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 8/13/2015	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

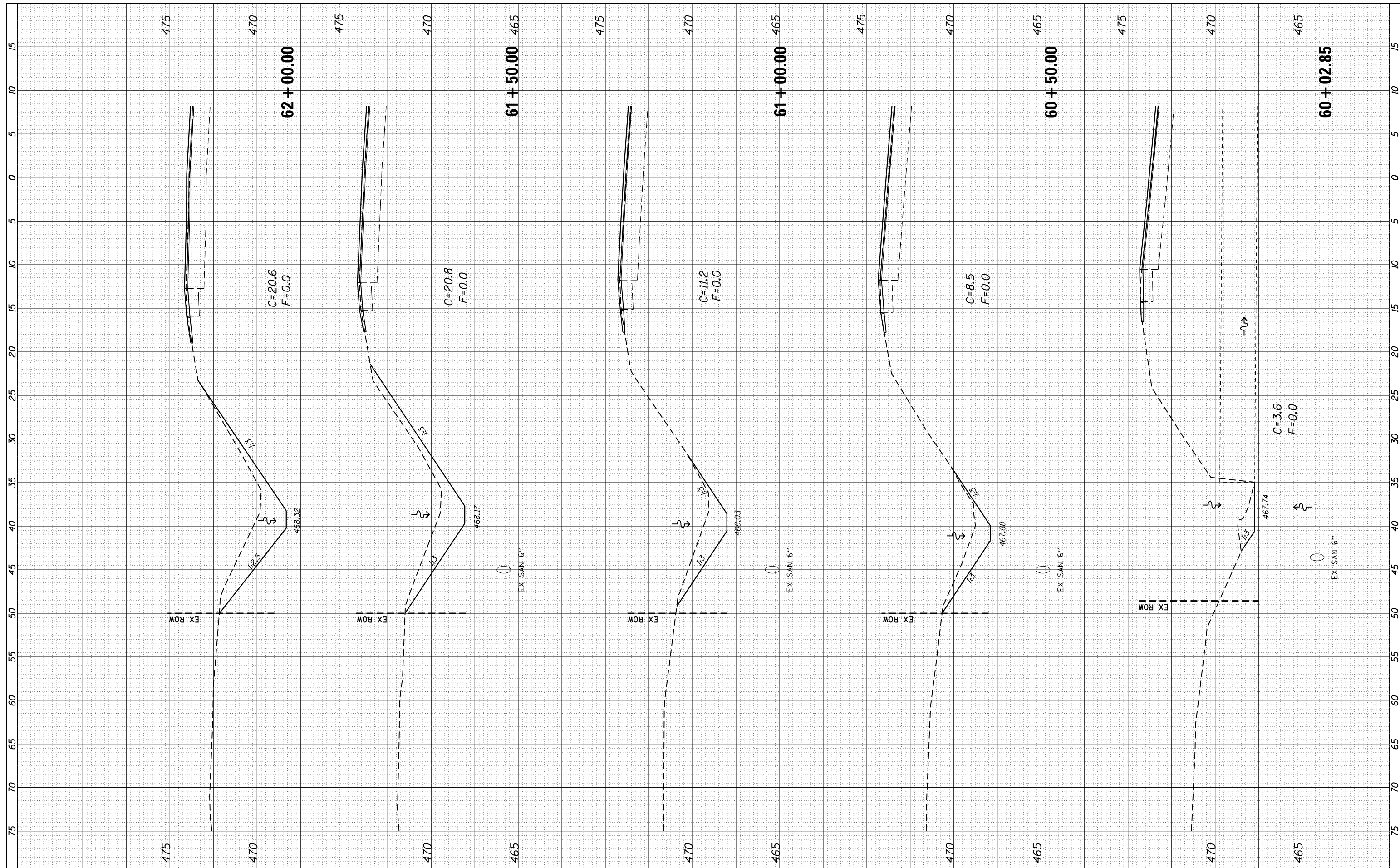
**CROSS SECTIONS
FAP 34 (IL 97)**

SCALE: SHEET OF SHEETS STA. 58+00.00 TO STA.

F.A.P. RTE. 34	SECTION (1) RS-8	COUNTY MASON	TOTAL SHEETS 61	SHEET NO. 49
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	

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

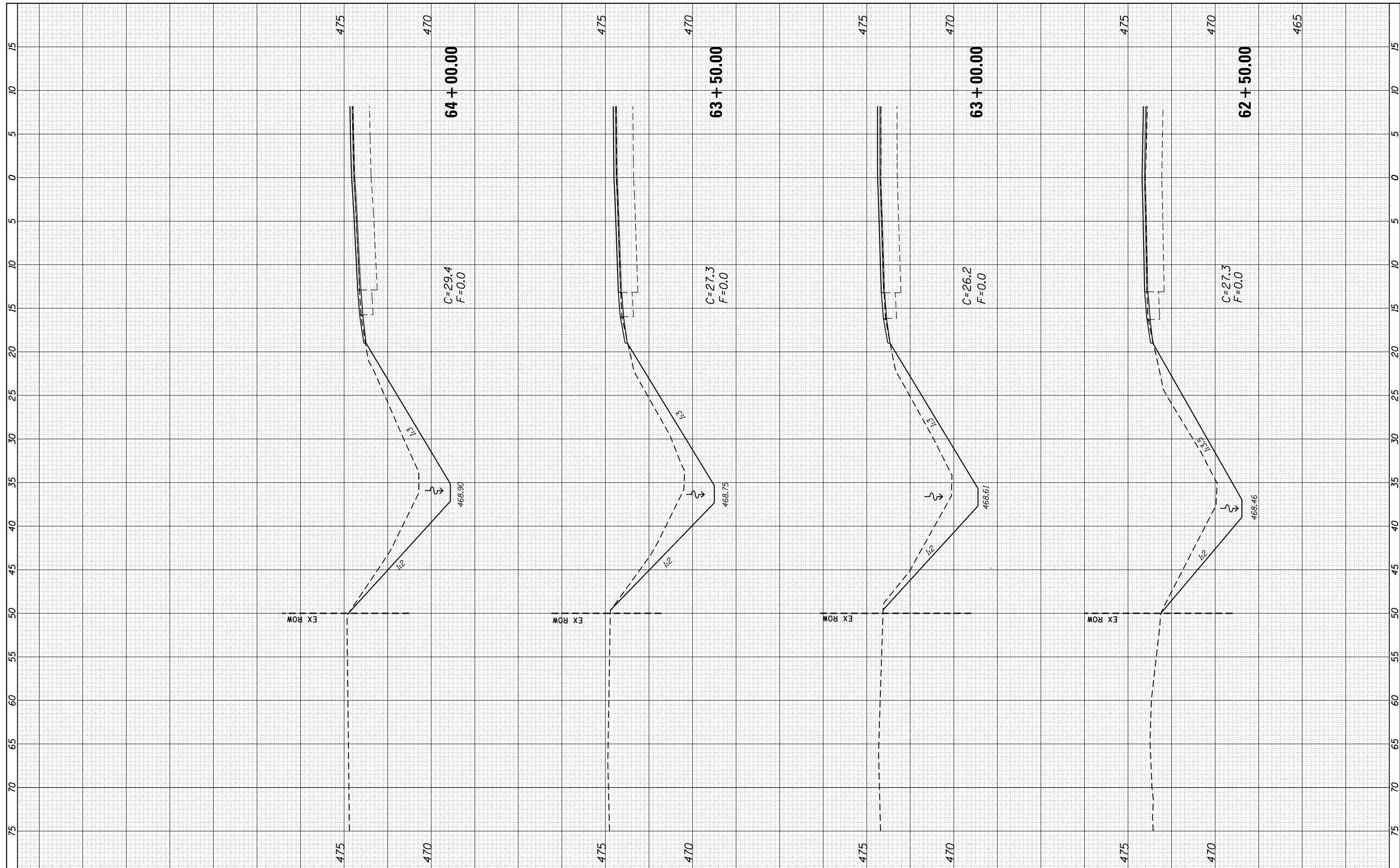
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FAP 34 (IL 97)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 6\Projects\D672H50\CADD\Drawings\Drawings\672H50-sht-xscml.dgn	NOT DRAWN	REVISOR -	REVISOR -			34	(1) RS-8	MASON	61	50
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -	REVISOR -			CONTRACT NO. 72H50				
PLOT DATE = 8/13/2015	DATE -	REVISOR -	REVISOR -			SCALE:	SHEET	OF	SHEETS	STA.

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =
 p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 6\Projects\0672H50\CADD\Drawings\0672H50-sht-xscm1.dgn

USER NAME = sparksgw
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 8/13/2015

DESIGNED -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

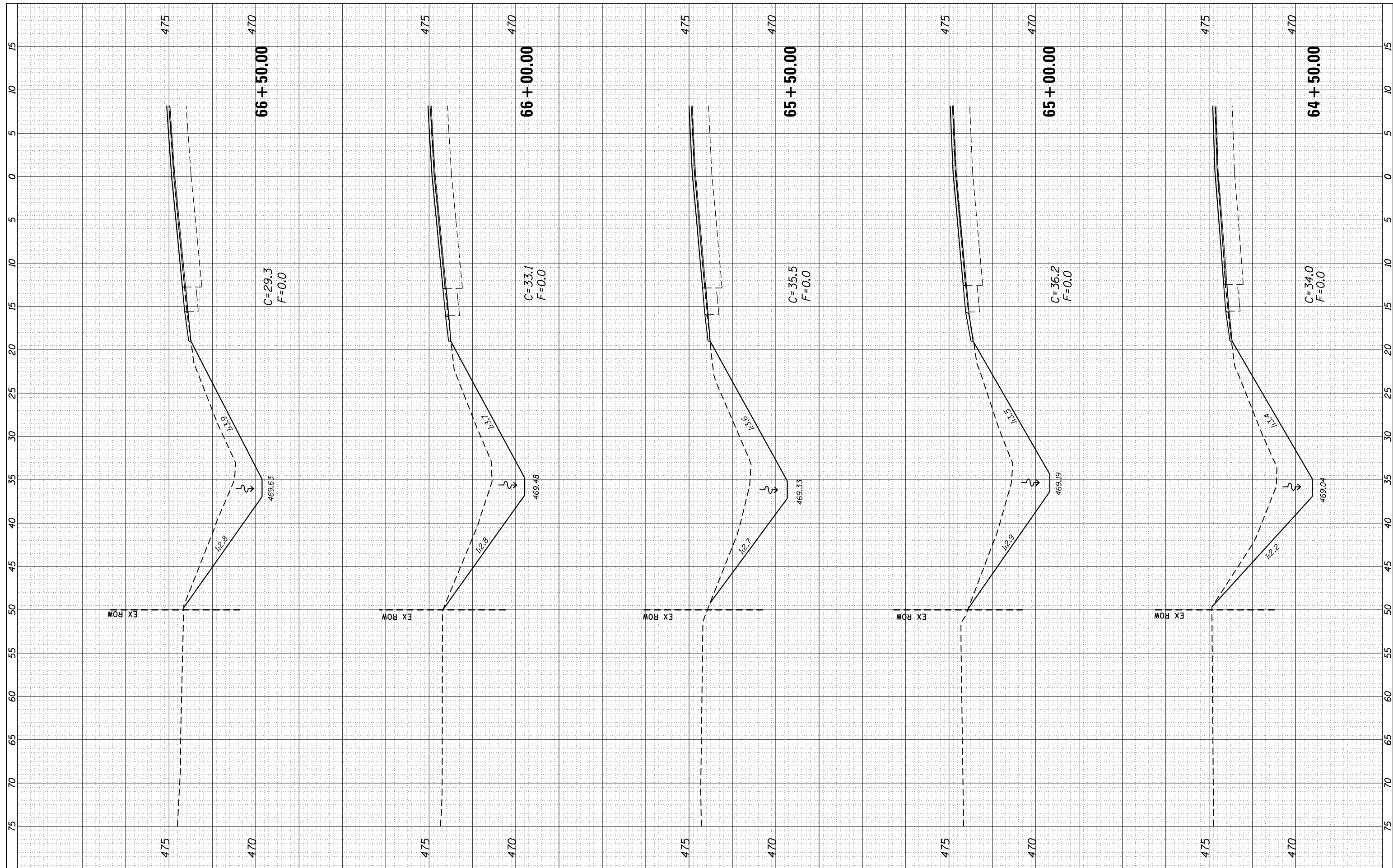
**CROSS SECTIONS
 FAP 34 (IL 97)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	51
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = p:\IL084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 6\Projects\D672H50\CADD\Drawings\Drawings\672H50-sht-xscml.dgn
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 8/13/2015

USER NAME = sparksgw
 DESIGNED -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

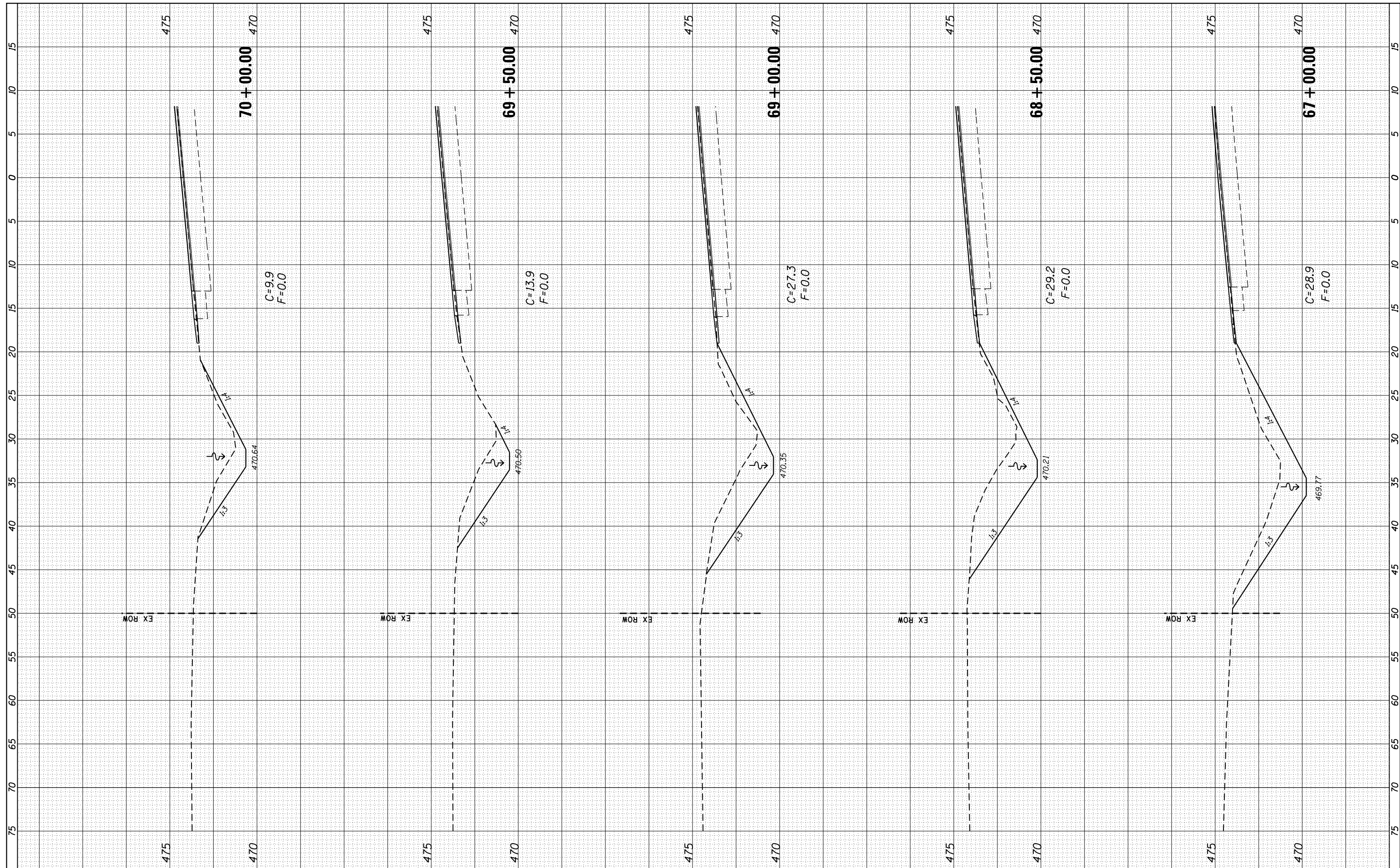
**CROSS SECTIONS
 FAP 34 (IL 97)**

SCALE: SHEET OF SHEETS STA. 64+50.00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	52
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =
 USER NAME = sparksgw
 DESIGNED -
 REVISIONS -
 CHECKED -
 DATE -

DESIGNED -
 REVISIONS -
 CHECKED -
 DATE -

DESIGNED -
 REVISIONS -
 CHECKED -
 DATE -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

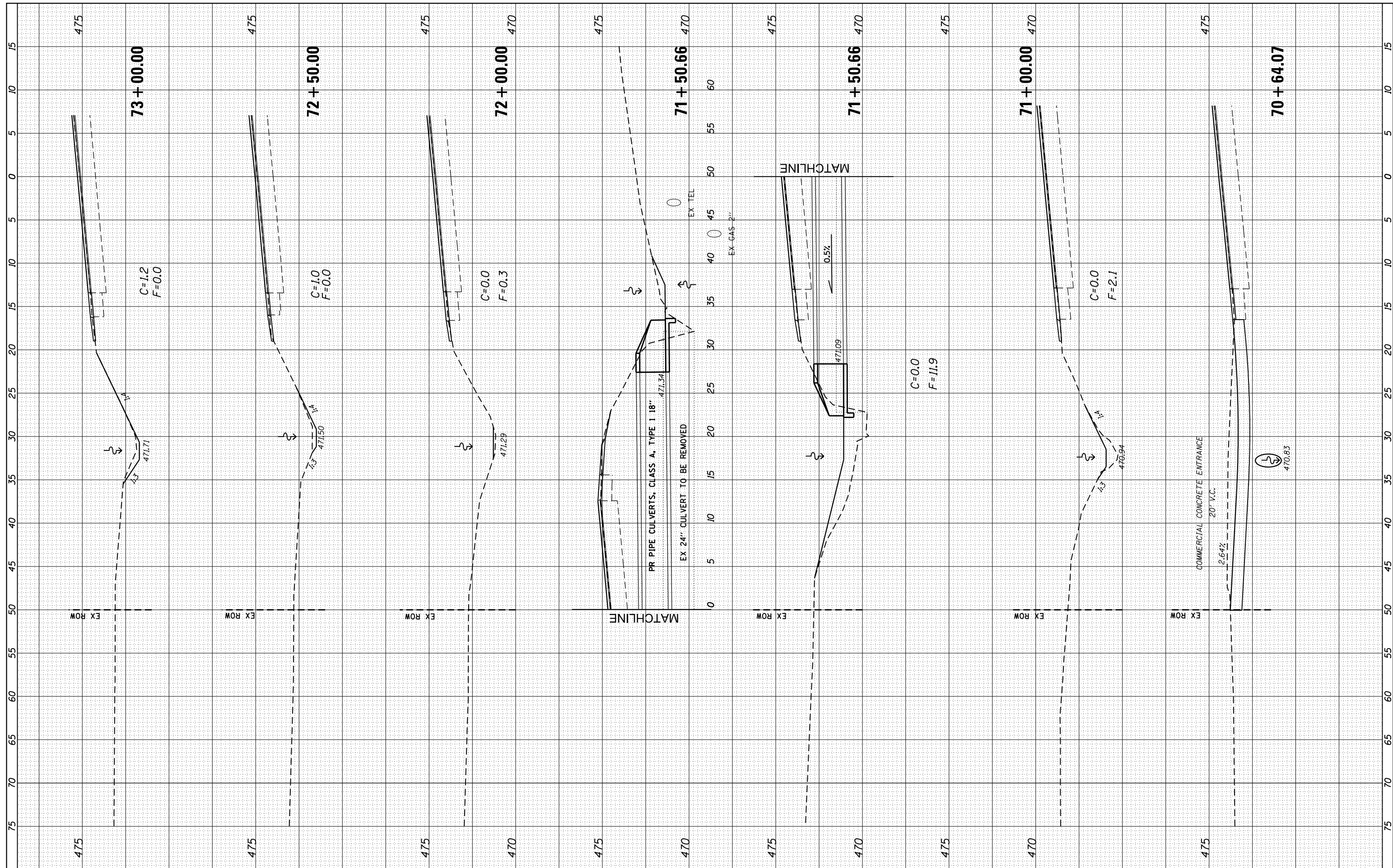
**CROSS SECTIONS
 FAP 34 (IL 97)**

SCALE: SHEET OF SHEETS STA. TO STA. 70+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	53
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =
 USER NAME = sparksqw
 DESIGNED -
 REVISIONS -
 PLOT SCALE = 10.0000' / in.
 CHECKED -
 DATE -
 PLOT DATE = 8/13/2015

DESIGNED -
 REVISIONS -
 CHECKED -
 DATE -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

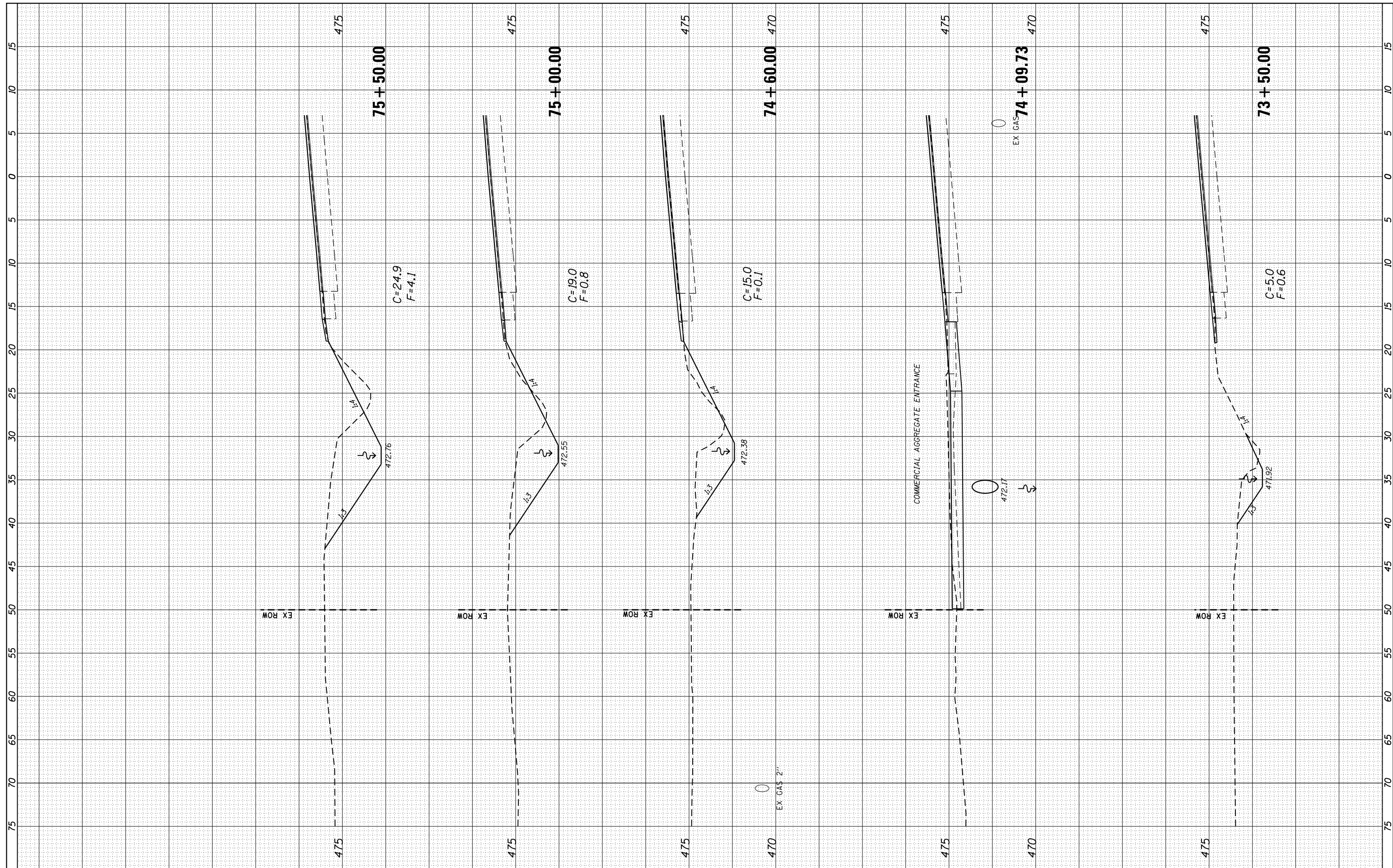
**CROSS SECTIONS
 FAP 34 (IL 97)**

SCALE: SHEET OF SHEETS STA. 70+64.07 TO STA.

F.A.P. RT. 34	SECTION (1) RS-8	COUNTY MASON	TOTAL SHEETS 61	SHEET NO. 54
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = p:\il084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 6\Projects\0672H50\CADD\Drawings\0672H50-sht-xscm1.dgn

USER NAME = sparksgw
 DESIGNED -
 CHECKED -
 DATE - 8/13/2015

REVISOR -
 REVISOR -
 REVISOR -
 REVISOR -

DESIGNED -
 CHECKED -
 DATE -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 FAP 34 (IL 97)**

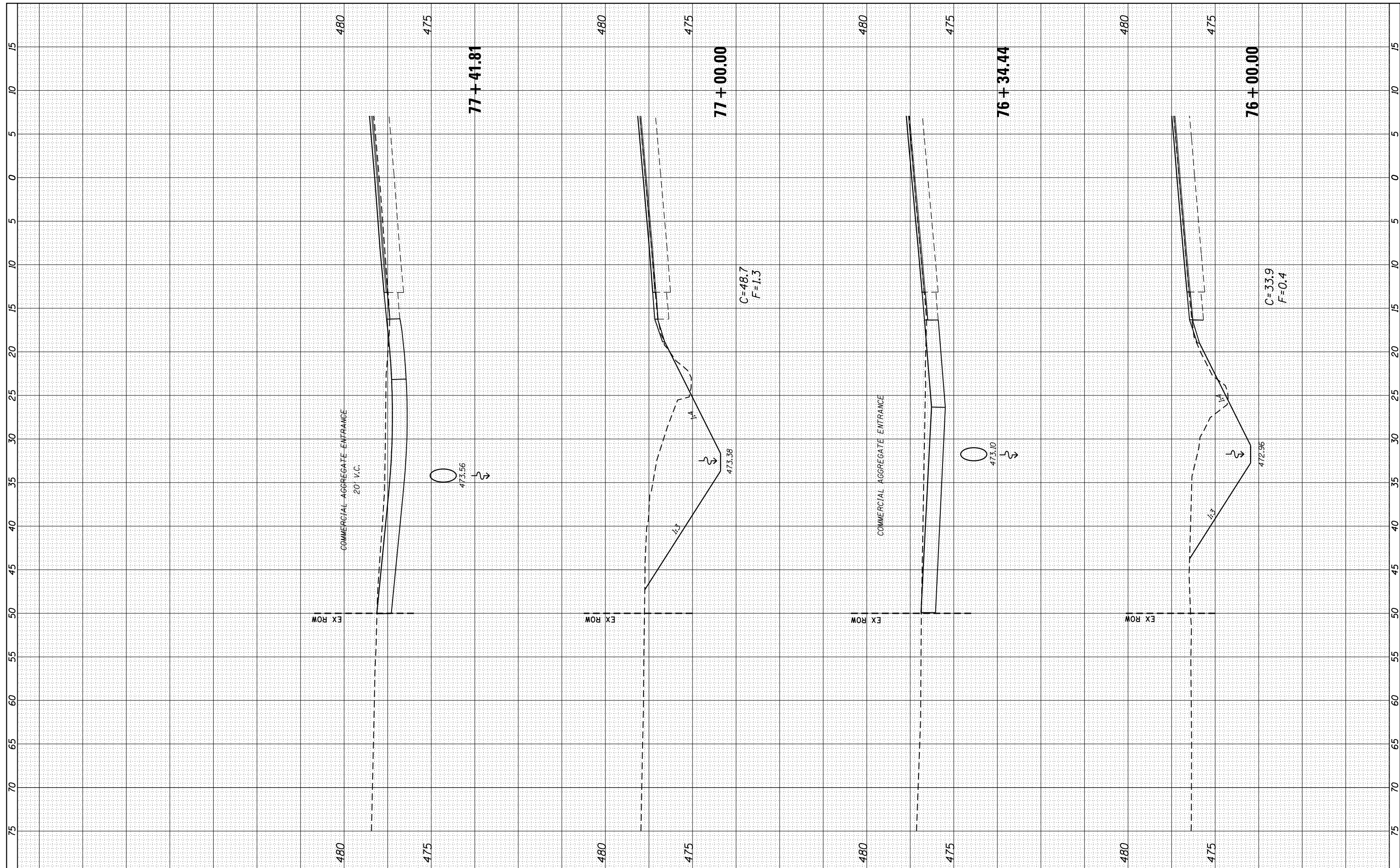
SCALE: SHEET OF SHEETS STA. 73+50.00 TO STA. 75+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(1) RS-8	MASON	61	55

CONTRACT NO. 72H50
 ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =
 USER NAME = sparksgw
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 8/13/2015

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

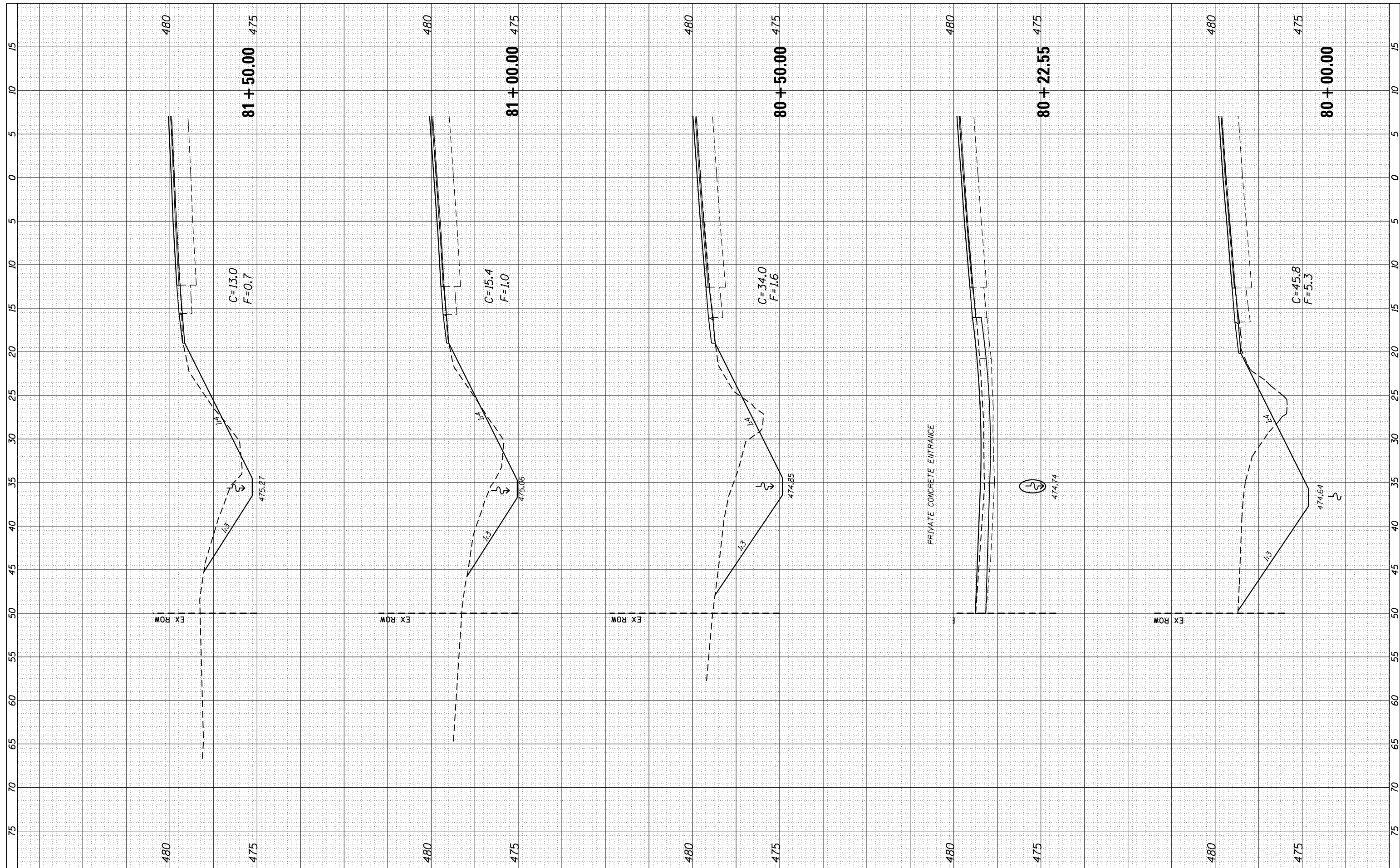
**CROSS SECTIONS
 FAP 34 (IL 97)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 34	SECTION (1) RS-8	COUNTY MASON	TOTAL SHEETS 61	SHEET NO. 56
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

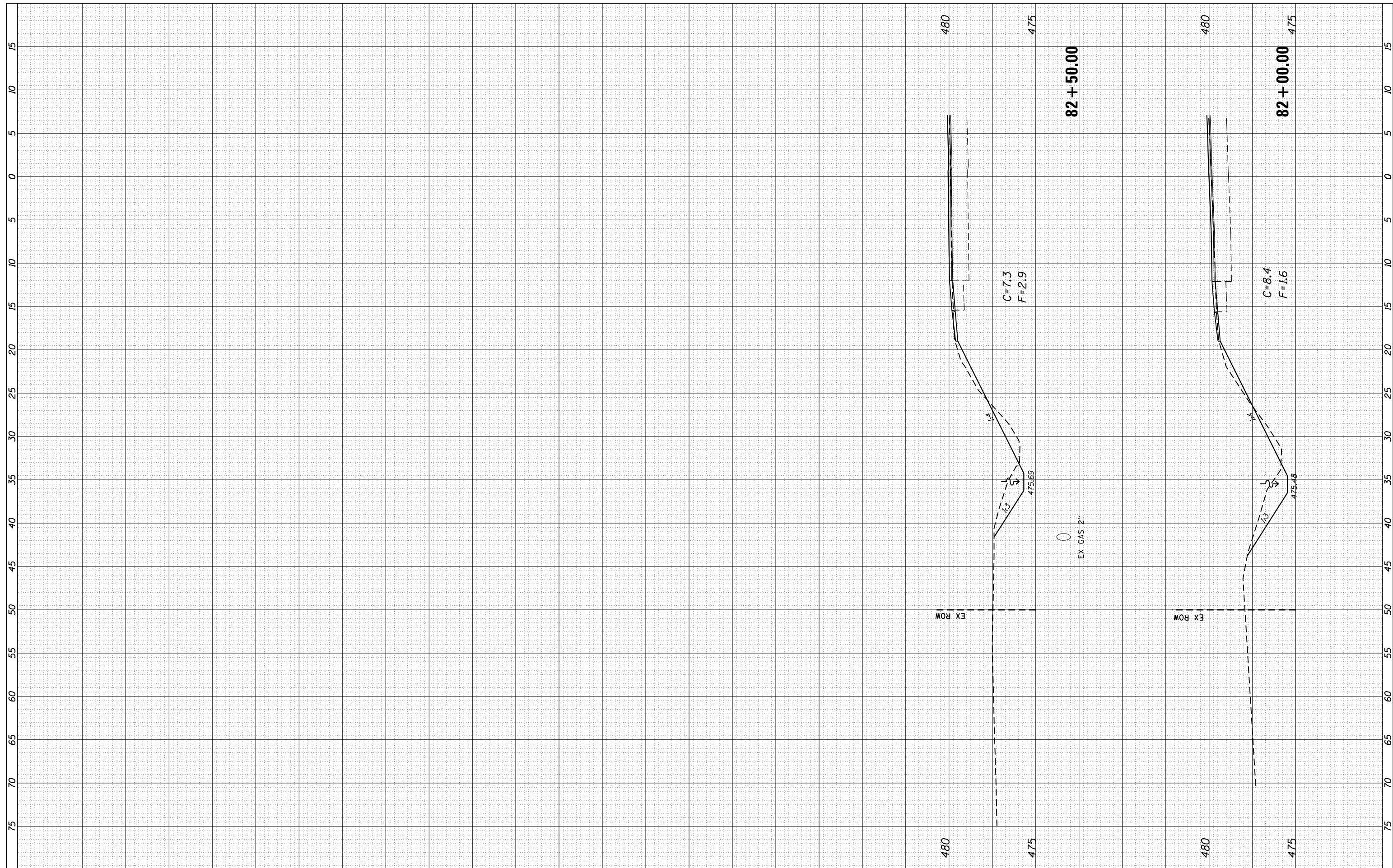
ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FAP 34 (IL 97)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default		CHECKED -	REVISED -			34	(1) RS-8	MASON	61	58	
		DATE -	REVISED -			SCALE: SHEET OF SHEETS STA. 80+00.00 TO STA. 81+50.00		CONTRACT NO. 72H50			
						ILLINOIS FED. AID PROJECT					

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
Default	DOT Offices\District 6\Projects\0672H50\CADD\Drawings\0672H50-shr-xscm1.dgn	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

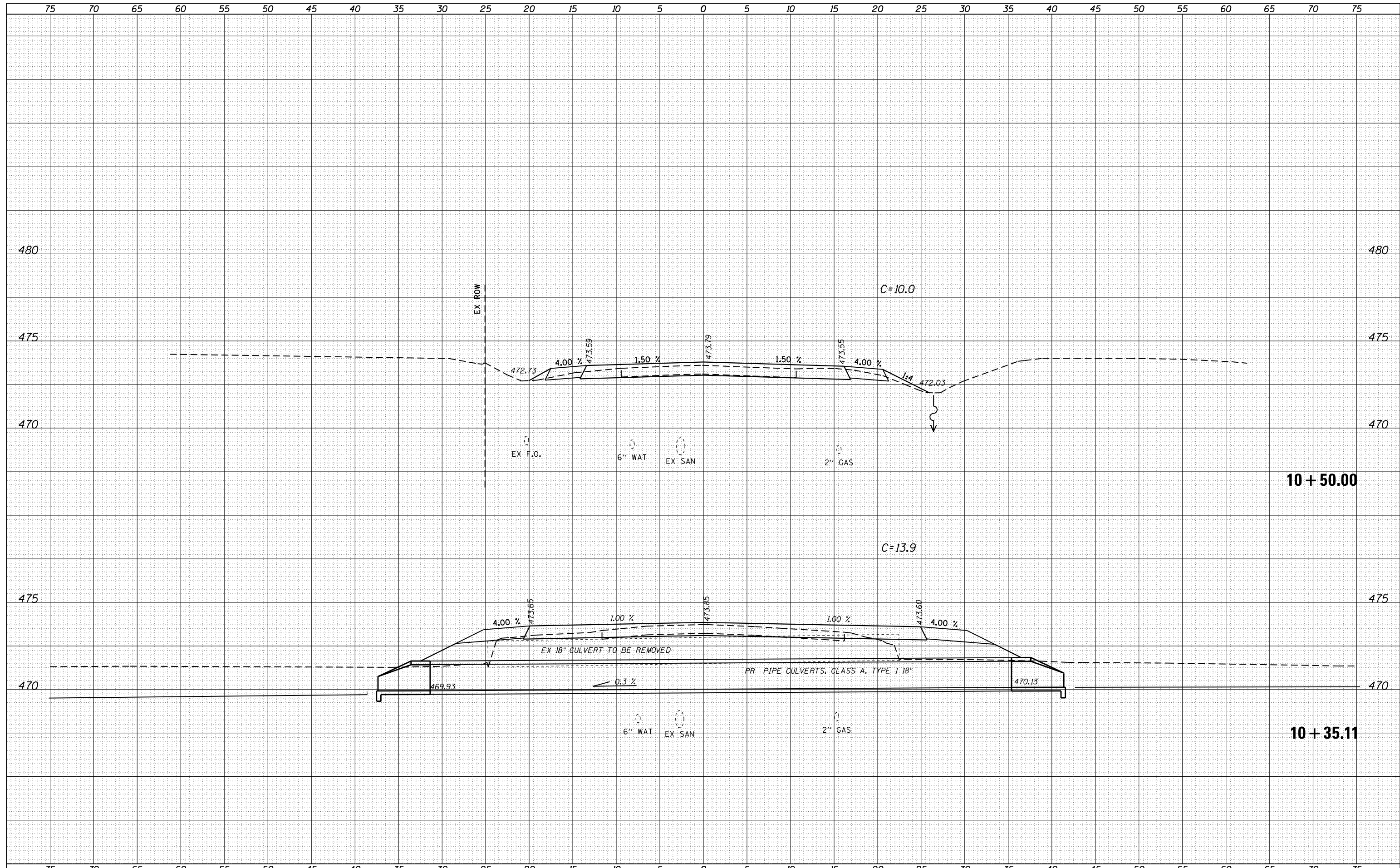
SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
--------	--	-------	----	--------	------	----	------

**CROSS SECTIONS
FAP 34 (IL 97)**

F.A.P. RTE. 34	SECTION (1) RS-8	COUNTY MASON	TOTAL SHEETS 61	SHEET NO. 59
CONTRACT NO. 72H50			ILLINOIS FED. AID PROJECT	

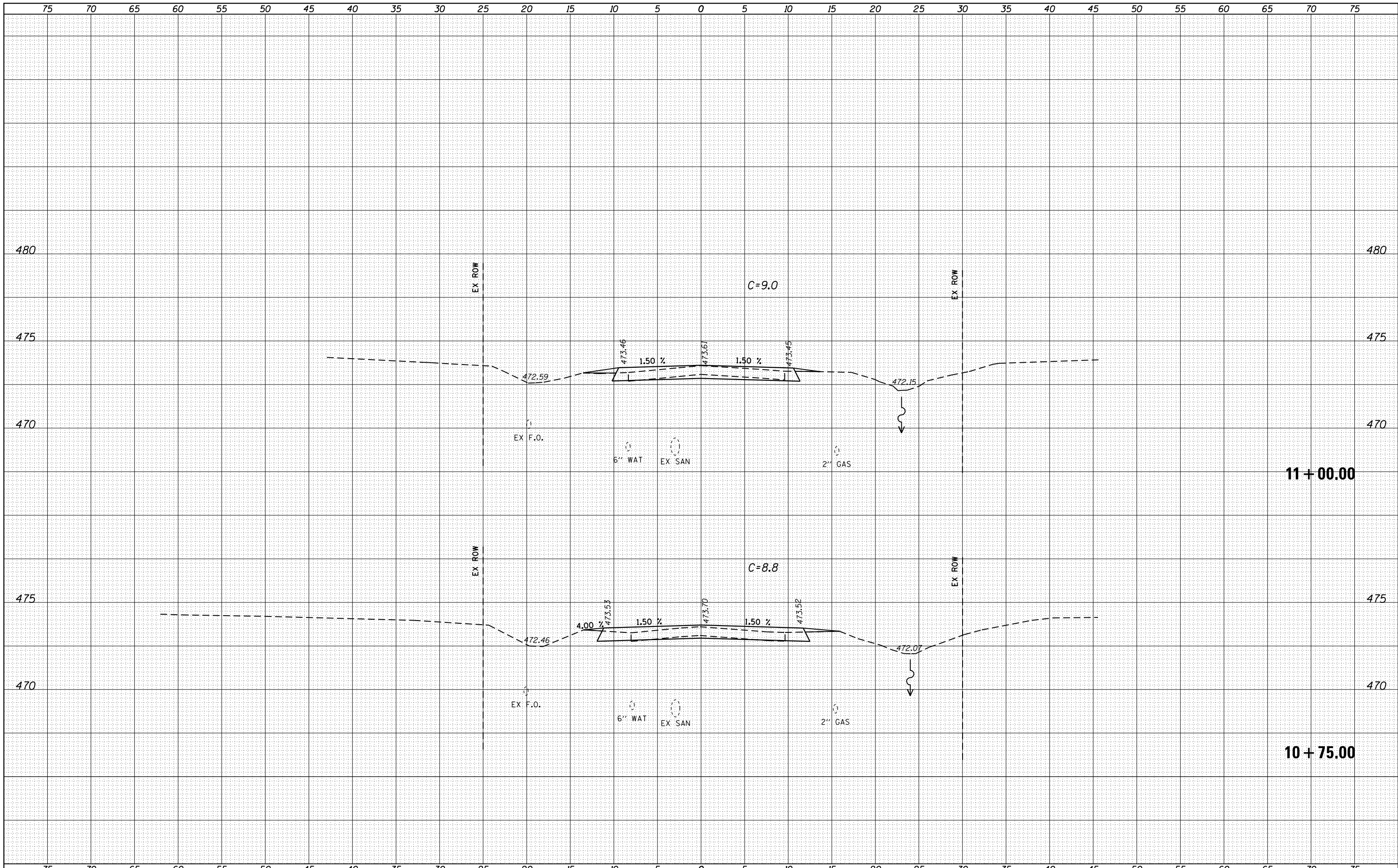
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISÉ -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS MASON STREET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG\Illinois.gov\PIDOT\Documents\NIDOT Offices\District 6\Projects\0672H50\CADD\Drawings\0672H50-shr-xsect-s017.dwg	DRAWN -	REVISÉ -	34			(1) RS-8	MASON	61	61	
Default	PLOT SCALE = 10.0000 "/td> <td>CHECKED -</td> <td>REVISÉ -</td> <td colspan="3">CONTRACT NO. 72H50</td>	CHECKED -	REVISÉ -			CONTRACT NO. 72H50				
	PLOT DATE = 8/13/2015	DATE -	REVISÉ -			ILLINOIS FED. AID PROJECT				

SCALE: 1"=2.5'H=5'V SHEET OF SHEETS STA. 10+75.00 TO STA. 11+00.00