

PROPOSED HIGHWAY PLANS

FAI ROUTE 55 (I-55 / I-72)
SECTION (84-3)I-4
PROJECT ACNHPP-ACHSIP-0055 (403)
RAMP MODIFICATIONS
SANGAMON COUNTY

C-96-023-13

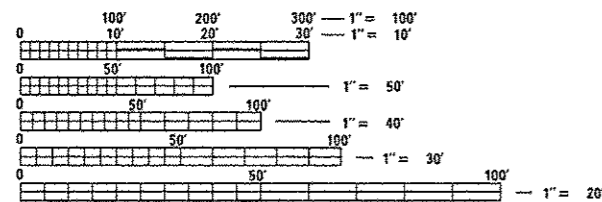
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* SHEET 27 DELETED

HIGHWAY STANDARDS

- 000001-06
- 001001-02
- 001006
- 482001-02
- 601001-04
- 630001-10
- 631011-09
- 635006-03
- 635011-02
- 642001-02
- 701101-04
- 701106-02
- 701400-07
- 701401-08
- 701402-09
- 701411-08
- 701426-06
- 701428
- 701451-02
- 701901-03
- 704001-07
- 720001-01
- 720006-04
- 780001-04
- 781001-03
- 836001-02
- 871101
- 830021-02



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 - JEFF MYERS 782-4761
PROJECT MANAGER - ED KERN 524-7547

CONTRACT NO. 72F90

GROSS LENGTH = 5408.2 FT. = 1.024 MILE
NET LENGTH = 5408.2 FT. = 1.024 MILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-3)I-4	SANGAMON	* 56	1
		ILLINOIS	CONTRACT NO. 72F90	

* 56 - 1 + 3 = 58

D-96-023-13



LOCATION OF SECTION INDICATED THUS: -

FUNCTIONAL CLASSIFICATION

INTERSTATE

ADT = 52,200 (2011)

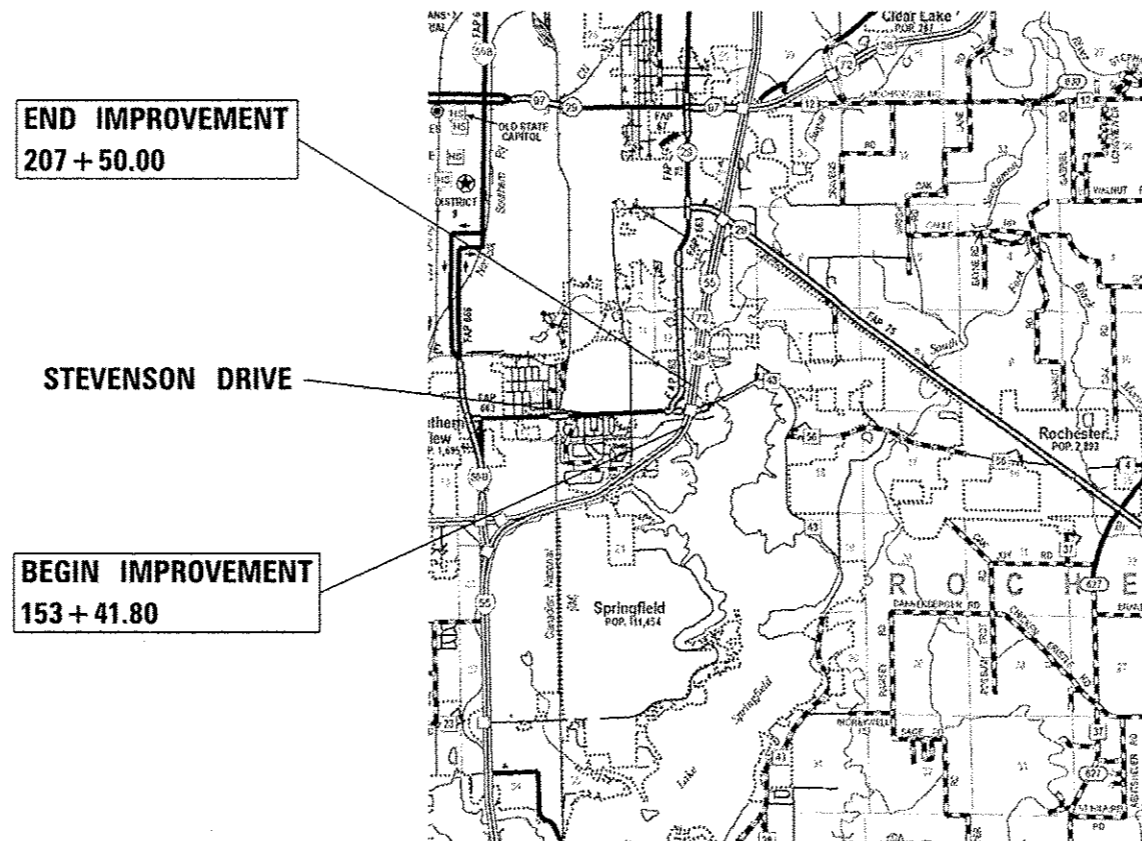
S.U. = 2.6%

M.U. = 15.5%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 18, 2013
Rogan L. Driskell
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Dec 6, 2013
John D. Baranzoli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
Dec 6, 2013
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



END IMPROVEMENT
207 + 50.00

STEVENSON DRIVE

BEGIN IMPROVEMENT
153 + 41.80

GENERAL NOTES

1. THE THICKNESS OF HOT-MIX ASPHALT MIXTURES 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 HOT-MIX ASPHALT MIXTURE IS PLACED.
2. 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 MARKERS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
3. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER AND SEEDED AS SOON AS POSSIBLE.
4. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1/2" UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
5. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
6. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST PER CUBIC YARD FOR EARTH EXCAVATION AN NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
8. IN ADDITION TO THE FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE CONTRACT UNIT PRICE FOR THE WORK.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY EIGHT HOURS ADVANCE NOTICE IS REQUIRED. ANY DAMAGE TO THE UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTORS EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE THE PERMANENT REPAIRS.
10. THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
11. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM. ALL STATION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. THE STATE PLANE COORDINATE SYSTEM HAS BEEN USED FOR HORIZONTAL CONTROL.
12. THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS (PH 217-785-5312).
13. QUANTITY FOR EARTH EXCAVATION INCLUDES ANY EXCAVATION NECESSARY TO PLACE HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/4".
14. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
15. THE WORK REQUIRED TO CONNECT SUBSURFACE DRAINS TO ANY EXISTING SUBSURFACE DRAINS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PIPE UNDERDRAINS 4".
16. THE FINISHED EARTHWORK SHALL HAVE A VEGETATIVE SUSTAINING SOIL COVERING THE TOP 4" IN AREAS TO BE SEEDED. THE VEGETATIVE SUSTAINING SOIL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
17. ANY REFERENCES OR CALL-OUTS IN THESE PLANS TO "BITUMINOUS CONCRETE" SHALL BE INTERPRETED TO MEAN "HOT-MIX ASPHALT".
18. ANY DAMAGE DONE TO EXISTING GORE AREAS DURING THE CONSTRUCTION OF THE PROJECT SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE TO THE SATISFACTION OF THE ENGINEER.
19. UNLESS OTHERWISE NOTED, STATIONS AND OFFSETS REFER TO CENTERLINE OF THE PROJECT.
20. THE NEW CHAIN LINK FENCE, 7' SHALL BE PLACED IN THE SAME LOCATION IT WAS REMOVED FROM. THIS SHALL BE DONE AFTER THE NEW SLOPE HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THIS LOCATION DURING CONSTRUCTION OF THE NEW RAMP EXTENSION.

21. HOT-MIX ASPHALT RESURFACING OF THE EXISTING PAVEMENT AND SHOULDERS SHALL BE DONE IN A MANNER THAT MAINTAINS A MINIMUM VERTICAL CLEARANCE OF 16 FEET AT ALL OVERHEAD STRUCTURES. THE MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED FROM OUTSIDE TO OUTSIDE OF THE PAVED SHOULDERS.

PRIOR TO THE START OF THE RESURFACING OPERATION, THE CONTRACTOR, IN THE PRESENCE OF THE ENGINEER, SHALL MEASURE AND DOCUMENT THE EXISTING VERTICAL CLEARANCE AT ALL OVERHEAD STRUCTURES. MEASUREMENTS SHALL BE TAKEN AT THE OUTSIDE EDGES OF THE PAVED SHOULDERS, AT THE EDGE OF EACH LANE, AND AT ANY SPLICE PLATES OVER THE SHOULDERS OR PAVEMENT. IF NECESSARY, THE ENGINEER SHALL MAKE ADJUSTMENTS TO THE RESURFACING THICKNESS SHOWN IN THE PLANS TO MAINTAIN THE REQUIRED MINIMAL VERTICAL CLEARANCE.

FOLLOWING PLACEMENT OF THE SURFACE COURSE AND HMA SHOULDERS, THE CONTRACTOR, IN THE PRESENCE OF THE ENGINEER, SHALL MEASURE AND DOCUMENT THE VERTICAL CLEARANCE AS DESCRIBED ABOVE. IF THE MINIMUM VERTICAL CLEARANCE IS LESS THAN 16 FEET, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL REMOVE AND REPLACE THE HMA SURFACE COURSE AS DIRECTED BY THE ENGINEER.

THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE VARIOUS HOT-MIX ASPHALT ITEMS.

HOT-MIX ASPHALT SHOULDERS SHALL BE RAMPED IN THE SAME MANNER AS THE HMA BINDER AND SURFACE COURSES.

MIXTURE REQUIREMENTS

Mixture Number	1	2	3
Mixture Use(s)	HMA SURFACE COURSE	HMA BINDER COURSE	HMA BASE COURSE
AC/PG:	SBS PG 76-22	SBS PG 76-22	PG 64-22
Design Air Voids:	4.0% @ N90	4.0% @ N90	4.0% @ N90
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 19.0	IL 19.0
Friction Aggregate:	MIX "E"	N/A	N/A

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQ. YD. (ON PAVEMENT)	RIPRAP	1.5 TON/CU. YD.
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON/SQ. YD. (ON AGGREGATE)	NITROGEN FERTILIZER NUTRIENT	90 LBS./ACRE
AGGREGATE PRIME COAT	0.002 TON/SQ. YD.	PHOSPHORUS FERTILIZER NUTRIENT	90 LBS./ACRE
HOT-MIX ASPHALT SURFACE/BINDER/BASE	0.056 TON/SQ. YD./IN	POTASSIUM FERTILIZER NUTRIENT	90 LBS./ACRE
AGGREGATE MATERIAL	2.05 TON/CU. YD.	AGRICULTURAL GROUND LIMESTONE	2.0 TON/ACRE

COMMITMENTS

THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE, TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND TO ALLOW IMPROVED DESIGN FOR FUTURE PROJECTS.

- SEE SHEET #17 FOR BENCHMARK INFORMATION

DISTRICT SIX	
EXAMINED <u>10/9</u>	20 <u>13</u>
<i>Bill M. Burr</i> OPERATIONS ENGINEER	
EXAMINED <u>Oct. 15</u>	20 <u>13</u>
<i>ARULLI</i> PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>Oct 15</u>	20 <u>13</u>
<i>WMM</i> PROGRAM DEVELOPMENT ENGINEER	

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		GENERAL NOTES AND COMMITMENTS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pmsdot\kernes\0326237\0672790-shrt-gennote.dgn	kernes	DRAWN -	REVISED -					55	(84-31)-4	SANGAMON	56	2
Default		CHECKED -	REVISED -			SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.						CONTRACT NO. 72F90
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90/10 FED/STATE ROADWAY	90/10 FED/STATE ROADWAY
				0005 URBAN	0021 URBAN
20200100	EARTH EXCAVATION	CU YD	1100		1100
20400800	FURNISHED EXCAVATION	CU YD	140		140
25000200	SEEDING, CLASS 2	ACRE	1.2		1.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	108		108
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	108		108
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	108		108
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2.4		2.4
25100115	MULCH, METHOD 2	ACRE	1.2		1.2
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	964		964
28000305	TEMPORARY DITCH CHECKS	FOOT	10		10
28000400	PERIMETER EROSION BARRIER	FOOT	2500		2500
28100803	STONE DUMPED RIPRAP, CLASS A2	TON	15		15
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	30		30
28200200	FILTER FABRIC	SQ YD	57		57

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•RUTTING •RAMP EXT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90/10 FED/STATE ROADWAY	90/10 FED/STATE ROADWAY
				0005	0021
				URBAN	URBAN
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	3367		3367
35501325	HOT-MIX ASPHALT BASE COURSE, 10 1/4"	SQ YD	4479		4479
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	6	4	2
40600990	TEMPORARY RAMP	SQ YD	18		18
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	1349	1349	
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	1137	635	502
44000100	PAVEMENT REMOVAL	SQ YD	587		587
44000174	HOT-MIX ASPHALT SURFACE REMOVAL, 6 1/4"	SQ YD	5667	5667	
44004250	PAVED SHOULDER REMOVAL	SQ YD	2394		2394
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1784		1784
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8		8
60107600	PIPE UNDERDRAINS 4"	FOOT	2256		2256
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	131		131
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1262.5		1262.5

*

14

* SPECIALTY ITEM

*RUTTING *RAMP EXT

FILE NAME *	USER NAME * sparksg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\sparksg\08326237\067	F90-sh-500.dgn	DRAWN -	REVISED -					55	(84-311-4	SANGAMON	56	4
Default	PLOT SCALE * 1/8"=1'-0" / in.	CHECKED -	REVISED -		SCALE:	SHEET 3 OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE * Oct-17-2013 09:54:25AM	DATE -	REVISED -						CONTRACT NO. 72F90			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90/10 FED/STATE ROADWAY	90/10 FED/STATE ROADWAY
				0005 URBAN	0021 URBAN
* 6300007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	25		25
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1		1
63200310	GUARDRAIL REMOVAL	FOOT	463		463
* 63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	714		714
* 63301215	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	174.5		174.5
* 63301220	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE C	FOOT	88		88
66400405	CHAIN LINK FENCE, 7'	FOOT	338		338
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6		6
67100100	MOBILIZATION	L SUM	1	0.25	0.75
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2		2
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	3	2	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1	
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	0.5	0.5
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	9	3	6

14

* SPECIALTY ITEM

*RUTTING *RAMP EXT

FILE NAME =	USER NAME = sparksg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\sparks\sparksg\102326237\067	90-shi-500.dgn	DRAWN -	REVISED -				55	(84-3)1-4	SANGAMON	56	5
Default	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -		SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.		CONTRACT NO. 72F90		ILLINOIS FED. AID PROJECT		
	PLOT DATE = Oct-17-2013 09:54:35AM	DATE -	REVISED -								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90/10 FED/STATE ROADWAY	90/10 FED/STATE ROADWAY
				0005	0021
				URBAN	URBAN
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.5	0.5
70300100	SHORT TERM PAVEMENT MARKING	FOOT	106	106	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	35	35	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2787		2787
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		2
* 72000200	SIGN PANEL - TYPE 2	SQ FT	16		16
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	16		16
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	168		168
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	1058	655	403
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	5501	2730	2771
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	15		15
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	9	9	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	13		13
78300100	PAVEMENT MARKING REMOVAL	SQ FT	940		940

* SPECIALTY ITEM

*RUTTING *RAMP EXT

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\sparksgw\0326237\067	99-ahs-500.dgn	DRAWN -	REVISED -					55	(84-3)1-4	SANGAMON	56	6
PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -			SCALE:			SHEET 4 OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
Default	PLOT DATE = Oct-17-2013 09:54:26AM	DATE -	REVISED -		CONTRACT NO. 72F90							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90/10 FED/STATE ROADWAY	90/10 FED/STATE ROADWAY
				0005	0021
				URBAN	URBAN
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	9	9	
* 81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	116		116
* 81603045	UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	774		774
* 83600360	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10" X 6'	EACH	3		3
84200804	REMOVAL OF POLE FOUNDATION	EACH	3		3
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	3		3
X0322279	OUTLET MARKER	EACH	8		8
X2010505	CLEARING, SPECIAL	L SUM	1		1
△ X7010410	SPEED DISPLAY TRAILER	CAL MO	2	1	1
X7830072	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	5501	2730	2771
Z0016702	DETOUR SIGNING	L SUM	1		1
Z0022800	FENCE REMOVAL	FOOT	350		350
φ Z0076600	TRAINEES	HOURL	500	250	250
Z0034105	MATERIAL TRANSFER DEVICE	TON	1984	1984	
φ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500	250	250
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	2236		2236

*RUTTING *RAMP EXT

* SPECIALTY ITEM

φ 0042

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RATE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\sporksg-\d0326237\067	F90-ent-S00.dgn	DRAWN :	REVISED :					55	(84-31)-4	SANGAMON	56	7
Default	PLOT SCALE * 100.0000' / in.	CHECKED :	REVISED :		SCALE:	SHEET 1 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 72F90			
	PLOT DATE * Oct-17-2013 02:46:26PM	DATE :	REVISED :		ILLINOIS FED. AID PROJECT							

△ REV. 4-15-14

GUARDRAIL SCHEDULE									
LOCATION		63301210.0	63301215	63301220	63000001	63000007	63100045	78200410	
		REMOVE AND REERECT SPBGR, TYPE A	REMOVE AND REERECT SPBGR, TYPE B	REMOVE AND REERECT SPBGR, TYPE C	SPBGR, TY. A, 6 FT POSTS	SPBGR, TY. B, 6 FT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	GUARDRAIL MARKERS, TYPE A	
		FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	
I-55 MAINLINE									
NORTHBOUND									
STA 166+28	TO	STA 166+66	38.0						
STA 166+66	TO	STA 166+96		31					
STA 166+96	TO	STA 167+19			25				
STA 167+19	TO	STA 167+44		25					
STA 167+44	TO	STA 171+44	400.0						
STA 171+44	TO	STA 171+86		37.5				4	
STA 171+86	TO	STA 172+05			19				
STA 172+05	TO	STA 172+27		22					
STA 172+27	TO	STA 172+47			19				
STA 172+47	TO	STA 172+75		28					
STA 172+75	TO	STA 173+13	38.0						
SOUTHBOUND									
STA 153+51	TO	STA 166+09			1262.5		1	9	
STA 166+09	TO	STA 166+34				25			
STA 166+34	TO	STA 166+59		25					
STA 166+59	TO	STA 166+90		31					
STA 166+90	TO	STA 169+34	238.0						
TOTAL			714.0	174.5	88	1262.5	25	1	13

63200310 GUARDRAIL REMOVAL			
LOCATION		LENGTH (FOOT)	
I-55 MAINLINE			
NORTHBOUND			
STA 167+13	TO	STA 171+76	462.5
SOUTHBOUND			
STA 159+62	TO	STA 163+12	350.0
TOTAL		812.5	

DRAINAGE SCHEDULE					
LOCATION		60107600	60108100	60100060	
		PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)	CONC. HEADWALLS FOR PIPE DRAINS	
		FOOT	FOOT	EACH	
I-55 MAINLINE					
NORTHBOUND					
STA 166+35.77			13	1	
STA 166+35.77	TO	STA 170+00.00	364		
STA 170+00.00			14	1	
STA 170+00.00	TO	STA 173+05.55	306		
STA 173+05.55			15	1	
SOUTHBOUND					
STA 153+41.80			17	1	
STA 153+41.80	TO	STA 158+00.00	458		
STA 158+00.00			14	1	
STA 158+00.00	TO	STA 161+50.00	350		
STA 161+50.00			13	1	
STA 161+50.00	TO	STA 165+00.00	350		
STA 165+00.00			19	1	
STA 165+00.00	TO	STA 169+28.10	428		
STA 169+28.10			26	1	
TOTAL			2256	131	8

28100805 STONE DUMPED RIP-RAP CLASS A3	
LOCATION	TON
I-55 MAINLINE	
SOUTHBOUND	
STA 159+60 RT	30
TOTAL	30

28100803 STONE DUMPED RIP-RAP CLASS A2	
LOCATION	TON
I-55 MAINLINE	
SOUTHBOUND	
STA 171+24 TO 172+34 RT	15
TOTAL	15

28200200 FILTER FABRIC	
LOCATION	SQ YD
I-55 MAINLINE	
SOUTHBOUND	
STA 159+60 RT	57
TOTAL	57

44004250 PAVED SHOULDER REMOVAL			
LOCATION			AREA
			SQ. YD.
I-55 MAINLINE			
NORTHBOUND			
STA 166+35.77	TO	STA 171+02.00	518.0
STA 171+02.00	TO	STA 173+05.55	180.9
SOUTHBOUND			
STA 153+41.80	TO	STA 193+19.00	1085.8
STA 163+19.00	TO	STA 169+28.10	609.1
TOTAL			2394

44000100 PAVEMENT REMOVAL			
LOCATION			AREA
			SQ. YD.
I-55 MAINLINE			
NORTHBOUND			
STA 171+02.00	TO	STA 173+05.55	147.0
SOUTHBOUND			
STA 136+19.00	TO	STA 169+28.10	439.9
TOTAL			587

Z0040530 PIPE UNDERDRAIN REMOVAL		
LOCATION		LENGTH
		FOOT
I-55 MAINLINE		
NORTHBOUND		
STA 166+35.77	TO	STA 173+05.55
		670
SOUTHBOUND		
STA 153+41.80	TO	STA 169+28.10
		1586
TOTAL		2256

LOCATION	81028760	81603045
	UNDERGROUND CONDUIT, COILABLE NON-MEATLLIC 2.5" DIA	UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 6 GRD, (XLP-TYPE USE) 1" DIA, POLY
	FOOT	FOOT
I-55 MAINLINE		
SOUTHBOUND		
STA 161+00 TO 164+00 LT		299
NORTH BOUND		
STA 167+69 TO 170+36 RT		276
STA 170+36 (ACROSS HIGHWAY)	116	199
TOTAL	116	774

LOCATION	84400105	83600360	84200804
	RELOCATE EXISTING LIGHTING UNIT EACH	LIGHT POLE FDN, METAL 15" BOLT CIRCLE, 10"x 6' EACH	REMOVAL OF POLE FOUNDATION EACH
I-55 MAINLINE			
NORTHBOUND			
STA 167+79	1		1
STA 167+69		1	
STA 170+45	1		1
STA 170+36		1	
SOUTHBOUND			
STA 160+92	1		1
STA 160+82		1	
TOTAL	3	3	3

EARTHWORK SCHEDULE					
LOCATION	20200100	EARTH EXCAVATION	EMBANKMENT	EARTHWORK	20400800
	EXCAVATION	ADJUSTED FOR SHRINKAGE		BALANCE WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION
	CU. YD.	CU. YD.		CU. YD.	CU. YD.
I-55 MAINLINE					
NORTHBOUND					
STA 166+36 TO STA 173+06	520	416	232	184	0
SOUTHBOUND					
STA 153+42 TO STA 169+28	1135	908	759	149	141
TOTAL	1655	1324	991	333	141

LOCATION	66400405	Z0022800
	CHAIN LINK FENCE 7'	FENCE REMOVAL
	LENGTH (FOOT)	LENGTH (FOOT)
I-55 MAINLINE		
SOUTHBOUND		
STA 159+62 TO STA 163+00	338	338
TOTAL	338	338

SEEDING SCHEDULE						
LOCATION	25000200	25000400	25000500	25000600	25000700	
	SEEDING, CL. 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	
	ACRE	POUND	POUND	POUND	TON	
I-55 MAINLINE						
NORTHBOUND						
STA 166+36 TO STA 173+06	0.4	36	36	36	0.8	
SOUTHBOUND						
STA 153+42 TO STA 159+00	0.6	54	54	54	1.2	
STA 161+00 TO STA 169+28	0.2	18	18	18	0.4	
TOTAL	1.2	108	108	108	2.4	

X2010505 - CLEARING(SPECIAL)	(LSUM)
I-55 MAINLINE	
SOUTHBOUND	
STA 159+62 TO STA 163+00	1
TOTAL	1

• CLEARING LIMITS TO FENCE LINE

EROSION CONTROL SCHEDULE			
LOCATION	25100115	25100635	
	MULCH, METHOD 2	HEAVY DUTY EROSION CONTROL BLANKET	
	ACRE	SQ. YD.	
I-55 MAINLINE			
NORTHBOUND			
STA 166+36 TO STA 171+00	0.4		
STA 171+00 TO STA 171+76		230	
STA 172+60 TO STA 173+06		40	
SOUTHBOUND			
STA 153+42 TO STA 159+00	0.6		
STA 159+00 TO STA 161+00		694	
STA 161+00 TO STA 169+28	0.2		
TOTAL	1.2	964	

LOCATION	28000400
	PERIMETER EROSION BARRIER
	FOOT
I-55 MAINLINE	
SOUTHBOUND	
STA 153+00 TO 170+00 LT	1700
NORTH BOUND	
STA 166+00 TO 174+00 RT	800
TOTAL	2500

NEW RAMP - PAVING SCHEDULE					
LOCATION	31100100		35501324	40600200	40603570
	SUBBASE GRANULAR MATERIAL, TY A		HMA BASE COURSE 10.25"	BITUMINOUS MATLS. PRIME COAT	POLY HMA SURF. CSE., MIX "E", N 90
	TON		SO. YD.	TON	TON
I-55 MAINLINE					
NORTHBOUND					
STA 166+35.77 TO STA 169+05.58	592.2		434.7	0.2	36.5
STA 169+05.58 TO STA 173+05.55	327.8		799.9	0.3	67.2
SOUTHBOUND					
STA 153+41.80 TO STA 159+02.86	734.8		966.3	0.4	81.2
STA 159+02.86 TO STA 169+28.10	1712.5		2278.3	0.9	191.4
TOTAL	3367		4479	2	376

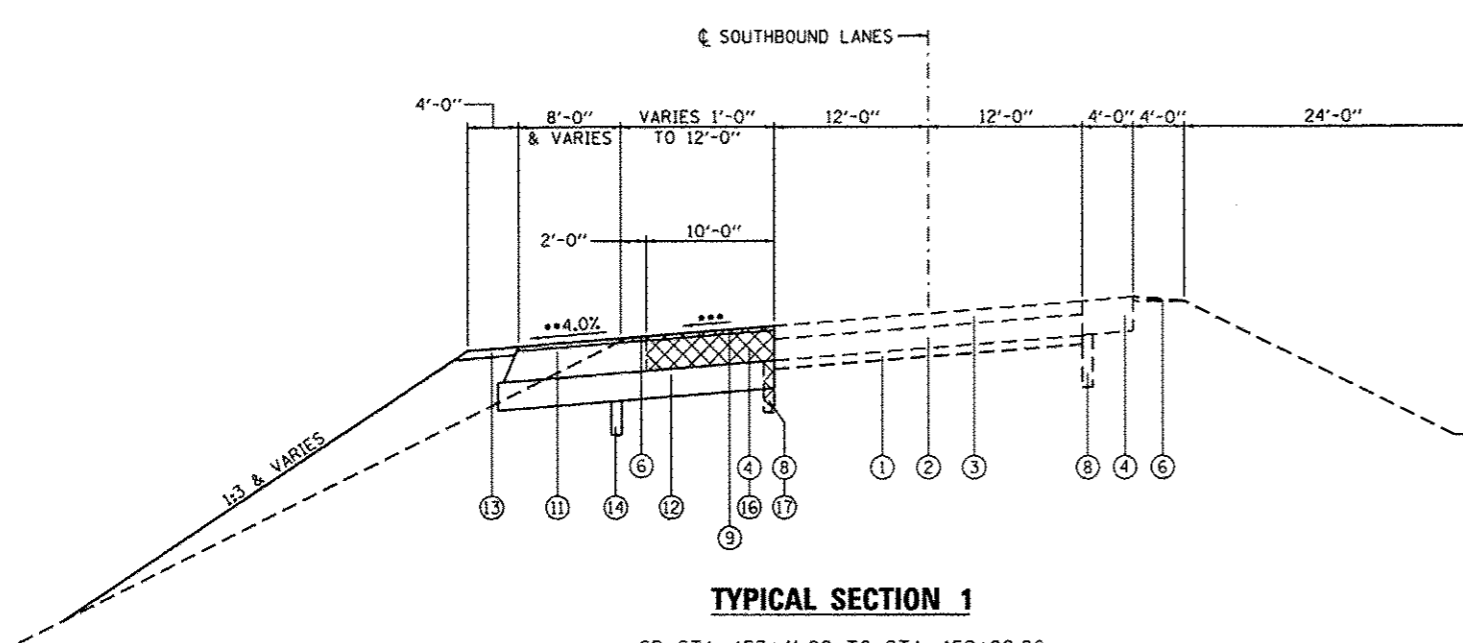
48102100 - AGGREGATE WEDGE SHOULDER, TYPE B					
LOCATION		WIDTH	QUANTITY		
		FOOT	TONS		
I-55 MAINLINE					
NORTHBOUND					
166+35.77 TO 166+94.68		4.0	101		
167+19.24 TO 171+84.58		4.0	795		
172+47.86 TO 173+05.55		4.0	99		
SOUTHBOUND					
153+41.80 TO 166+33.62		4.0	2207		
166+59.71 TO 169+28.10		4.0	367		
TOTAL			3568		

72400320 REMOVE SIGN PANEL - TYPE 2	
LOCATION	AREA
	SQ. FT.
I-55 MAINLINE	
SOUTHBOUND	
STA 174+98	16
TOTAL	16

RUTTING CORRECTION - PAVING SCHEDULE						
LOCATION	44000174	40603240	40603570	40600200	70300100	70301000
	HMA SURFACE REMOVAL - 6.25"	POLY HMA BINDER COURSE, IL 19.0, N90	POLY HMA SURFACE COURSE, MIX 'E', N90	BITUMINOUS MATERIAL, PRIME COAT	SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
	SO. YD.	TON	TON	TON	FOOT	SQ FT
I-55 MAINLINE						
SOUTHBOUND						
STA 165+00 TO STA 207+50	5666.7	1507.3	476.0	4.3	106.0	35.3
TOTAL	5667	1507	476	4.3	106	35

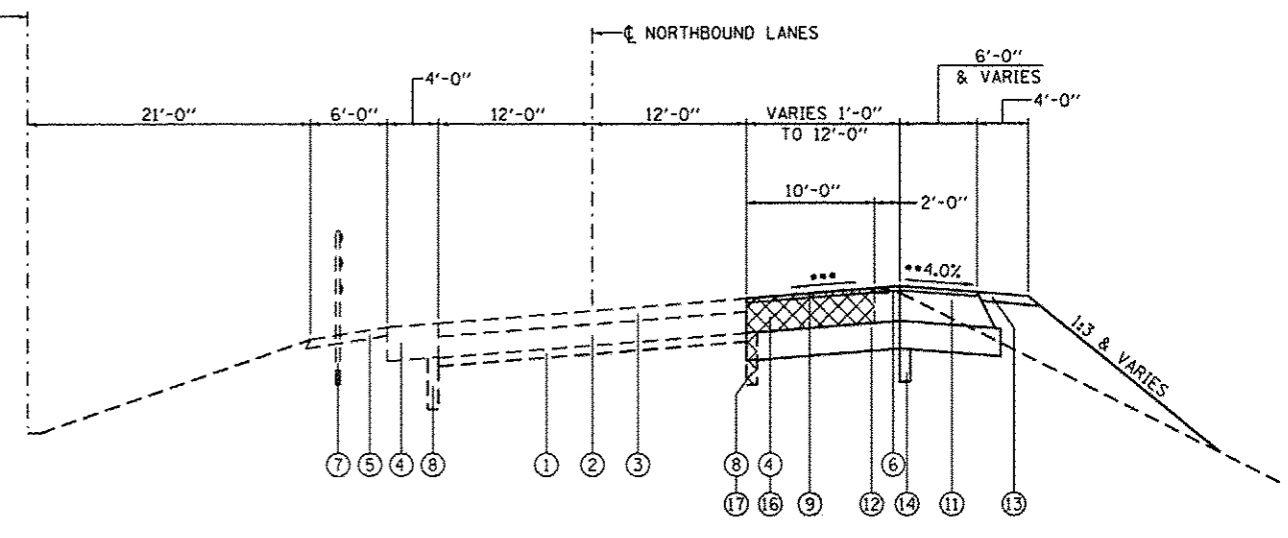
72000200 SIGN PANEL - TYPE 2				
LOCATION		SIGN DESIGNATION (MUTCD)	SIZE	AREA
			IN X IN	SQ. FT.
I-55 MAINLINE				
SOUTHBOUND				
STA 174+98	OUTSIDE	W4-3	48 X 48	16
TOTAL				16

PAVEMENT MARKING SCHEDULE										
LOCATION	COLOR	TYPE	78009005	78009012	X7830072	78003140	78004200	78100100	78300200	78300100
			MODIFIED URETHANE PAVEMENT MARKING LINE - 5"	MODIFIED URETHANE PAVEMENT MARKING LINE - 12"	GROOVING FOR RECESSED PAVEMENT MARKING LINE - 6"	PREFORMED PLASTIC PAVEMENT MARKING TYPE B - INLAID LINE 8"	PREFORMED PLASTIC PAVEMENT MARKING TYPE B - INLAID LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL
			FOOT	FOOT	FOOT	FOOT	SQ. FT.	EACH	EACH	SQ FT
I-55 MAINLINE										
NORTHBOUND										
STA 166+36 TO STA 173+06	WHITE	SOLID								279
STA 166+36 TO STA 171+19	WHITE	DOTTED	97		97					
STA 171+19 TO STA 173+27	WHITE	SOLID				208				
STA 165+36 TO STA 173+06	WHITE	SOLID	770		770					
STA 171+00 TO STA 173+00	WHITE	DOTTED		10						
SOUTHBOUND										
STA 153+42 TO STA 169+28	WHITE	DOTTED	318		318					
STA 153+42 TO STA 169+28	WHITE	SOLID	1586		1586					661
STA 169+28 TO STA 174+09	WHITE	SOLID				481				
STA 159+10	WHITE	SYMBOL					42			
STA 161+60	WHITE	SYMBOL					42			
STA 164+10	WHITE	SYMBOL					42			
STA 166+60	WHITE	SYMBOL					42			
STA 174+09 TO STA 181+25	WHITE	SOLID	716		716					
STA 181+25 TO STA 184+94	WHITE	SOLID				369		9	9	
STA 184+94 TO STA 187+96	WHITE	DOTTED	60		60					
STA 187+96 TO STA 207+50	WHITE	SOLID	1954		1954					
TOTAL			5501	10	5501	1058	168	9	9	940



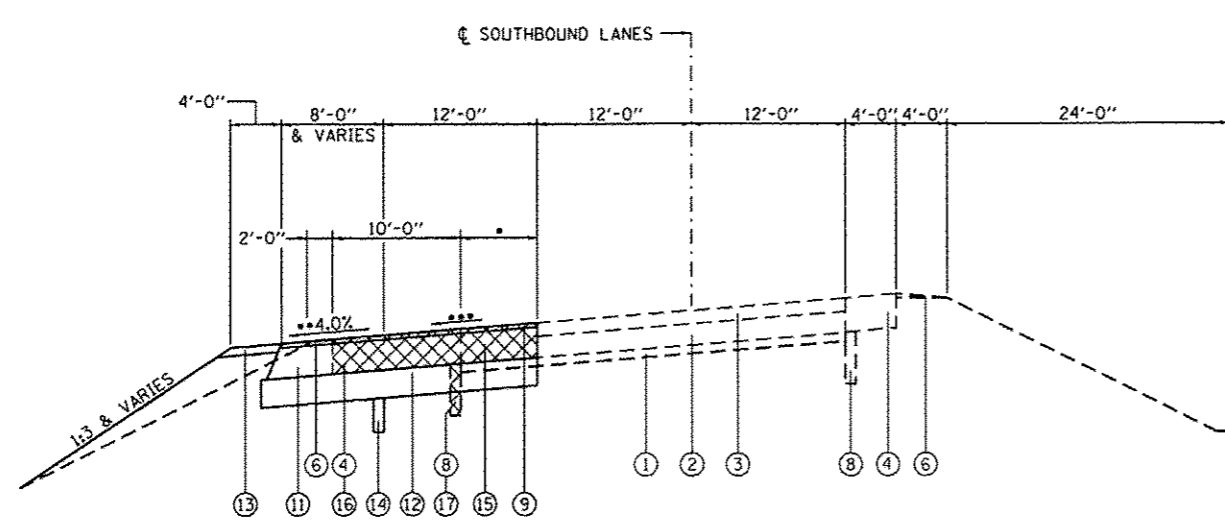
TYPICAL SECTION 1

SB STA. 153+41.80 TO STA. 159+02.86



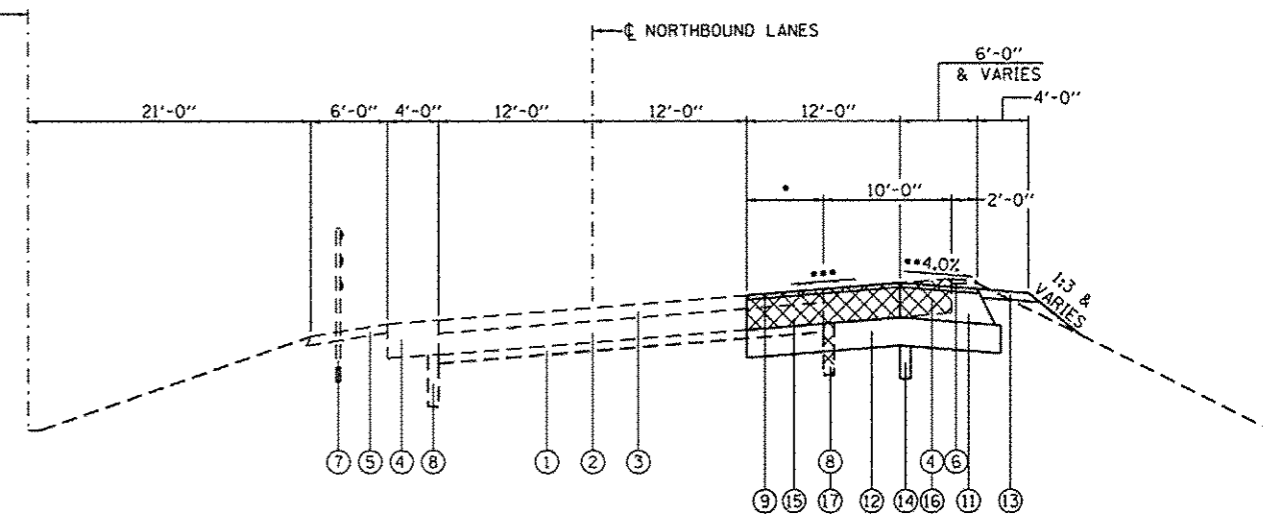
TYPICAL SECTION 2

NB STA. 166+35.77 TO STA. 169+05.58



TYPICAL SECTION 3

SB STA. 159+02.86 TO STA. 169+28.10



TYPICAL SECTION 4

NB STA. 169+05.58 TO STA. 173+05.55

* VARIES 0' AT STA. 163+35.94 TO 12' AT STA. 169+28.10

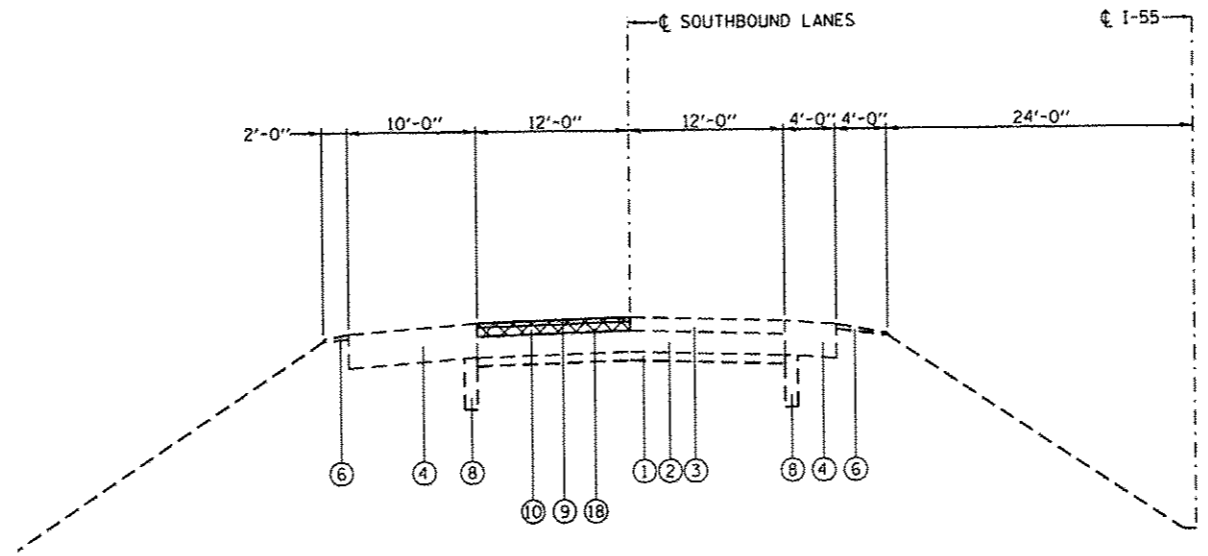
* VARIES 0' AT STA. 171+00.59 TO 12' AT STA. 173+05.55

- *** MATCH EXISTING PAVEMENT SLOPE
- ** WHEN THE SUPERELEVATION RATE OF THE PAVT IS BETWEEN 0.0% AND 4.0 %, THE SHOULDER SLOPE SHALL BE 4.0%. WHEN THE SE RATE OF PAVT EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVET AND SHOULDER DOES NOT EXCEED 8.0% ON THE HIGH SIDE SHOULDER, AND MATCHES THE SE ON THE LOW SIDE SHOULDER.

LEGEND

- ① EX. AGGREGATE SUB-BASE 4"
- ② EX. PCC PAVEMENT 10"
- ③ EX. HMA OVERLAY 6 1/4"
- ④ EX. BIT. SHOULDERS (THICKNESS VARIES)
- ⑤ EX. BIT. SHOULDER 4"
- ⑥ EX. AGGREGATE SHOULDERS, TYPE B
- ⑦ EX. HIGH TENSION CABLE MEDIAN BARRIER
- ⑧ EX. PIPE UNDERDRAINS 4"
- ⑨ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N 90, 1 1/2"
- ⑩ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 4 3/4"
- ⑪ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- ⑫ SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
- ⑬ AGGREGATE SHOULDERS, TYPE B, 4"
- ⑭ PIPE UNDERDRAINS, 4"
- ⑮ PAVEMENT REMOVAL
- ⑯ PAVED SHOULDER REMOVAL (VARIABLE THICKNESS)
- ⑰ PIPE UNDERDRAIN REMOVAL
- ⑱ HOT-MIX ASPHALT SURFACE REMOVAL, 6 1/4"

STRUCTURAL DESIGN TRAFFIC:	YEAR	2024
PV =	5141	SU = 256 MU = 146
ROAD / STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P =	92.8%	S = 4.6% M = 2.6%
TRAFFIC FACTOR:	ACTUAL TF	2.10
	MINIMUM TF	7.11
SUBGRADE SUPPORT RATING:		
SSR =	Poor	

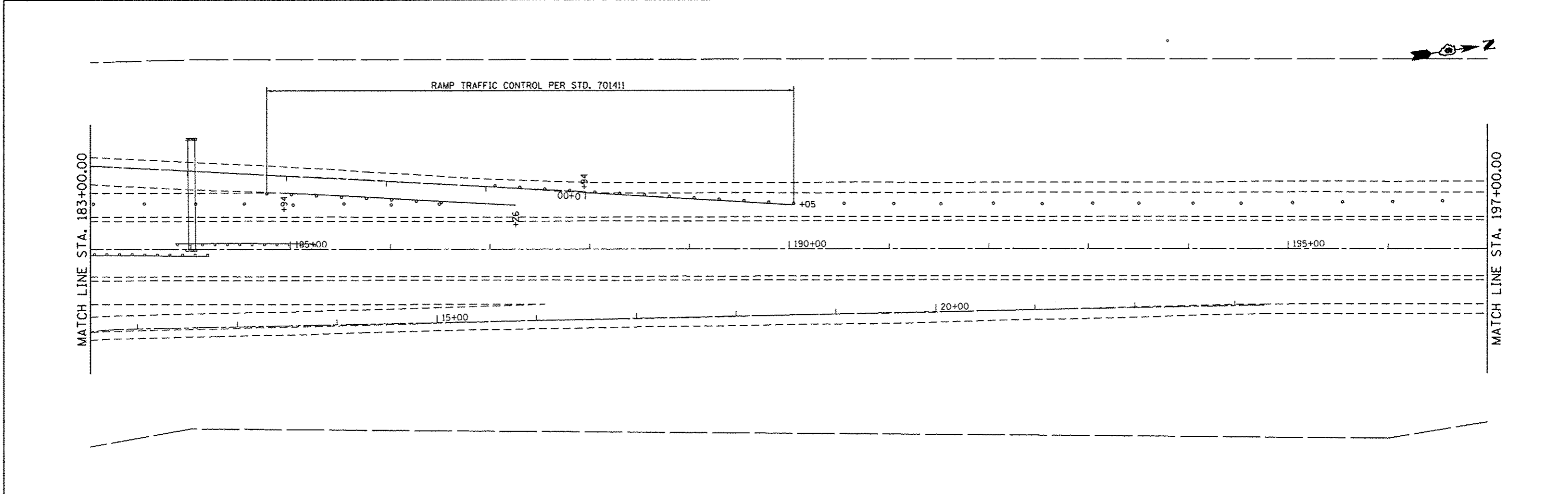
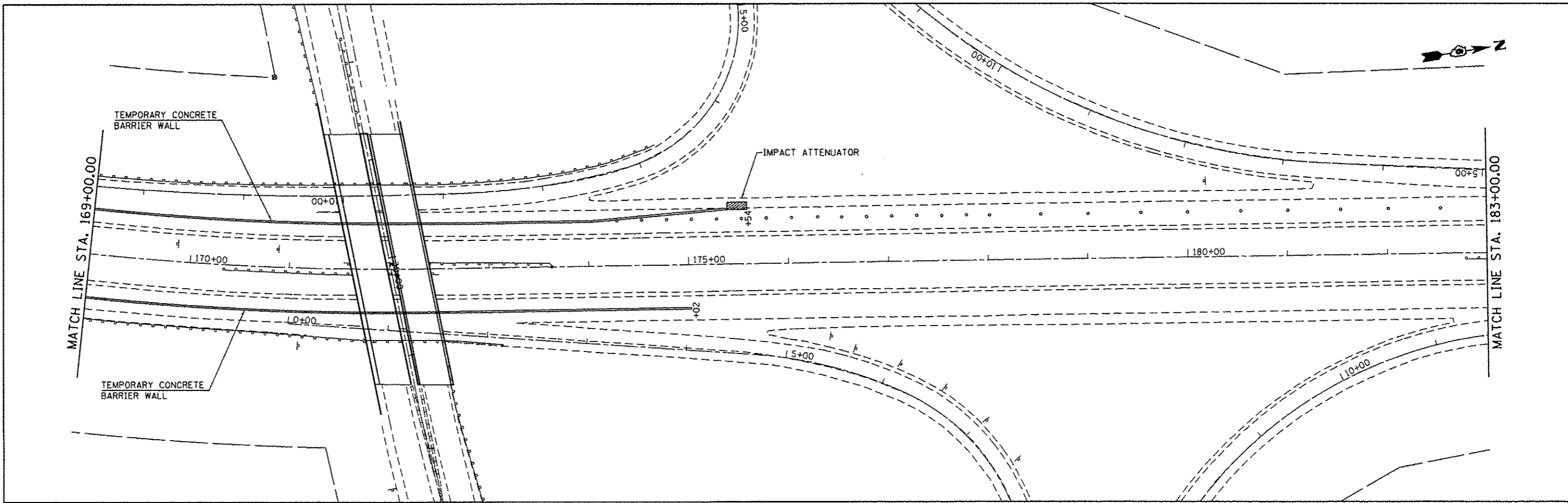


TYPICAL SECTION 5
 SB STA. 165+00.00 TO STA. 207+50.00
 (LOOKING NORTH)

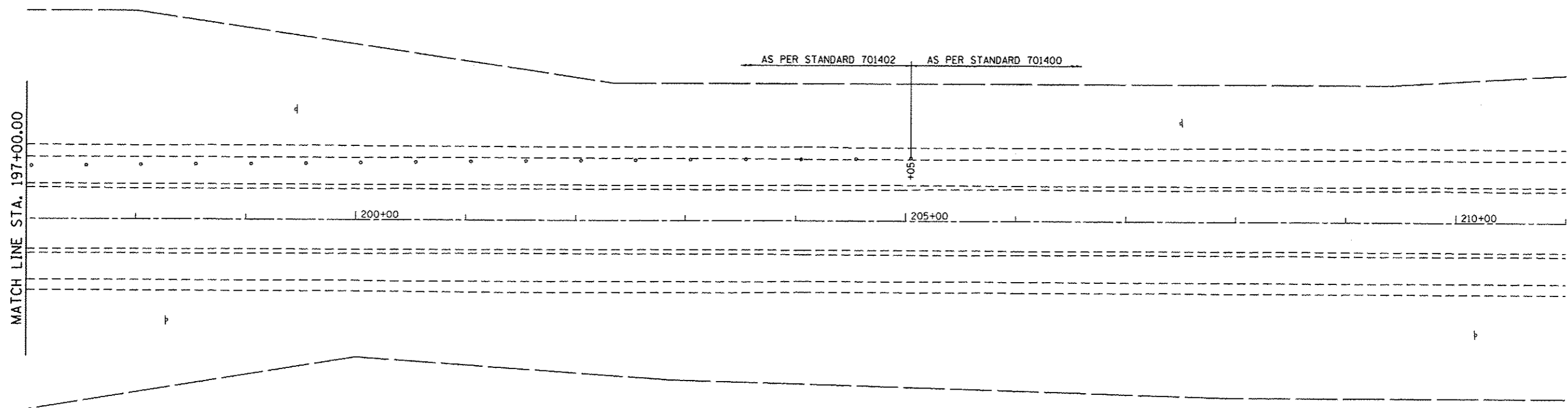
LEGEND

- | | | |
|---|---|---|
| ① EX. AGGREGATE SUB-BASE 4" | ⑨ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N 90, 1 1/2" | ⑮ PAVEMENT REMOVAL |
| ② EX. PCC PAVEMENT 10" | ⑩ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 4 3/4" | ⑯ PAVED SHOULDER REMOVAL (VARIABLE THICKNESS) |
| ③ EX. HMA OVERLAY 6 1/4" | ⑪ HOT-MIX ASPHALT BASE COURSE, 10 1/4" | ⑰ PIPE UNDERDRAIN REMOVAL |
| ④ EX. BIT. SHOULDERS (THICKNESS VARIES) | ⑫ SUB-BASE GRANULAR MATERIAL, TYPE A, 12" | ⑱ HOT-MIX ASPHALT SURFACE REMOVAL, 6 1/4" |
| ⑤ EX. BIT. SHOULDER 4" | ⑬ AGGREGATE SHOULDERS, TYPE B, 4" | |
| ⑥ EX. AGGREGATE SHOULDERS, TYPE B | ⑭ PIPE UNDERDRAINS, 4" | |
| ⑦ EX. HIGH TENSION CABLE MEDIAN BARRIER | | |
| ⑧ EX. PIPE UNDERDRAINS 4" | | |

STRUCTURAL DESIGN TRAFFIC:		YEAR	2024
PV =	5141	SU =	256
		MU =	146
ROAD / STREET CLASSIFICATION:		CLASS	1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P =	92.8%	S =	4.6%
		M =	2.6%
TRAFFIC FACTOR:		ACTUAL TF	2.10
		MINIMUM TF =	7.11
SUBGRADE SUPPORT RATING:			
		SSR =	Poor



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	PLOT SCALE = 1/8"=1'-0"	DRAWN -	REVISED -					55	604-301-41	SANGAMON	56	15
Default	PLOT DATE = Oct-17-2013 09:57:01AM	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET 2 OF SHEETS	STA. 169+00 TO STA. 197+00	CONTRACT NO. 72F90				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



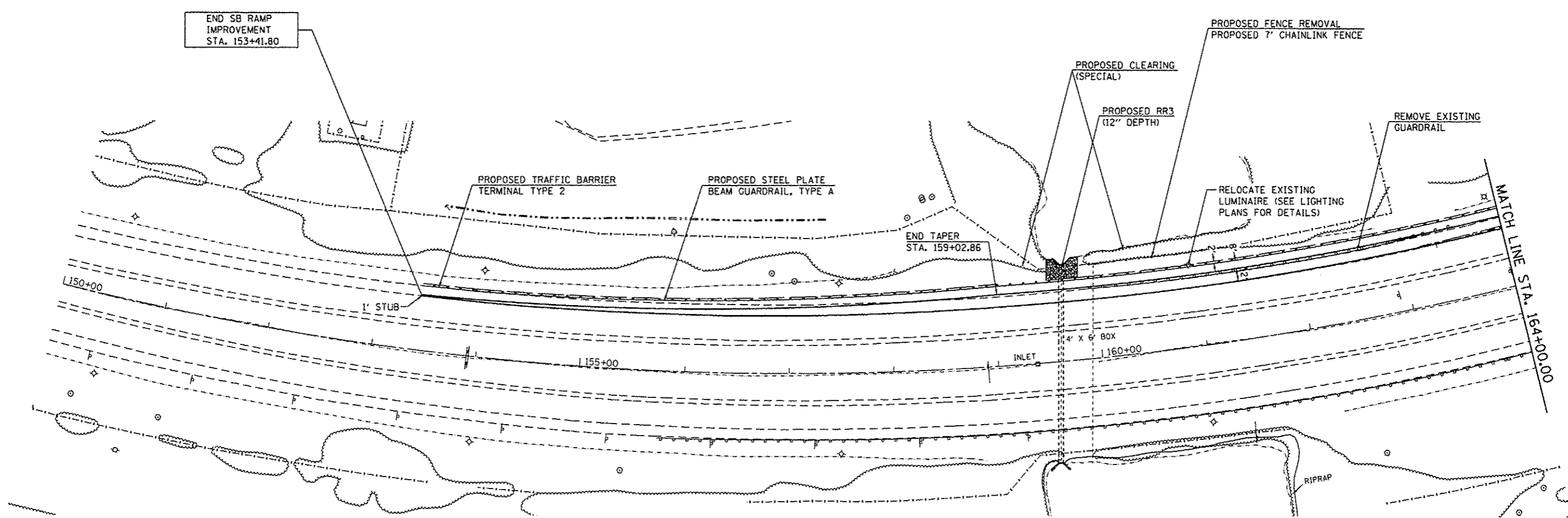
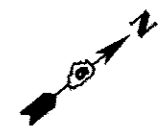
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	PLOT DATE = Oct-17-2013 09:57:01AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC

SCALE: 1"=50' SHEET OF SHEETS STA. 197+00 TO STA. 211+00

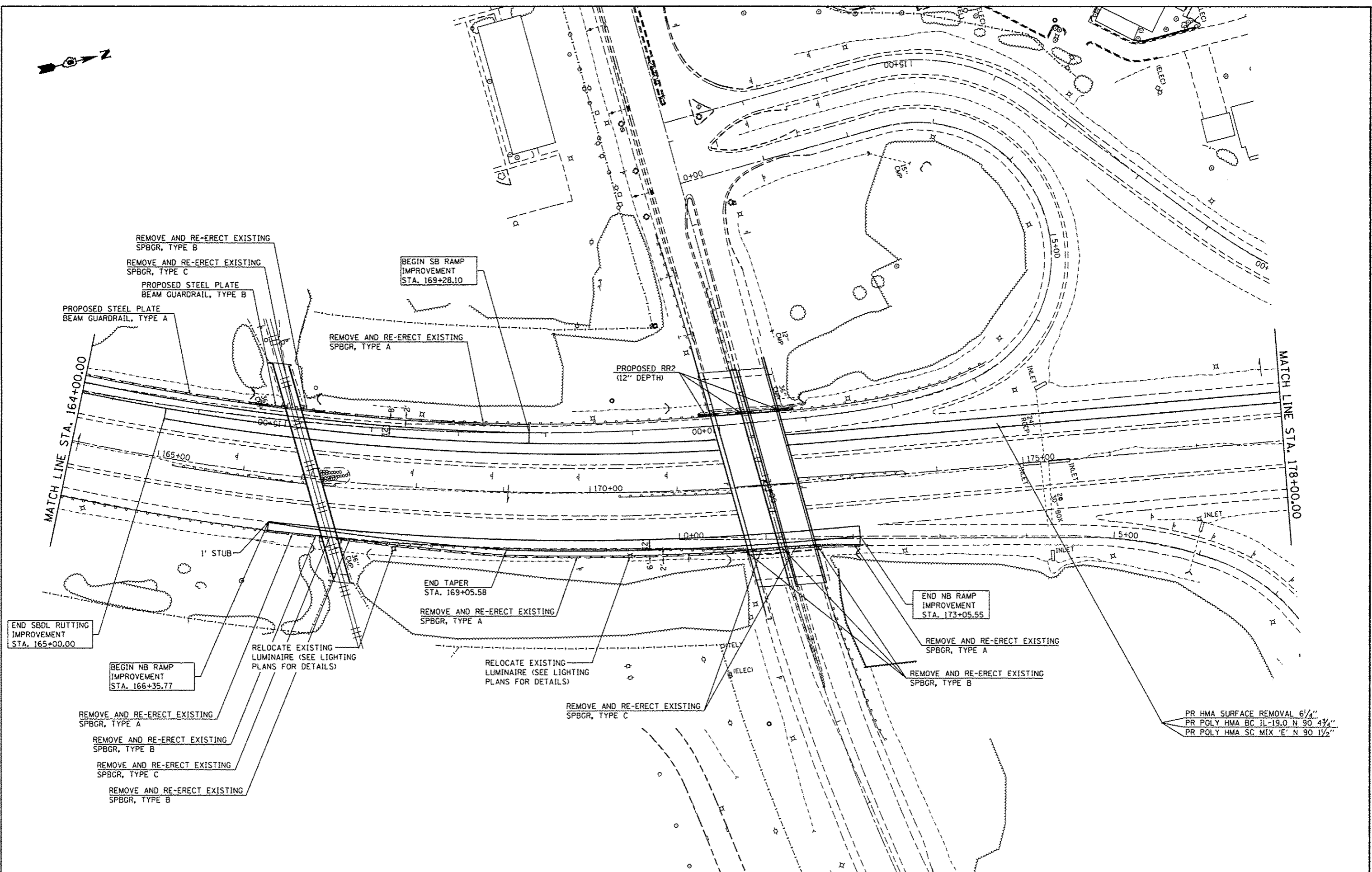
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-3(1-4)	SANGAMON	56	16
CONTRACT NO. 72F90				
ILLINOIS FED. AID PROJECT				



EXISTING BENCHMARKS

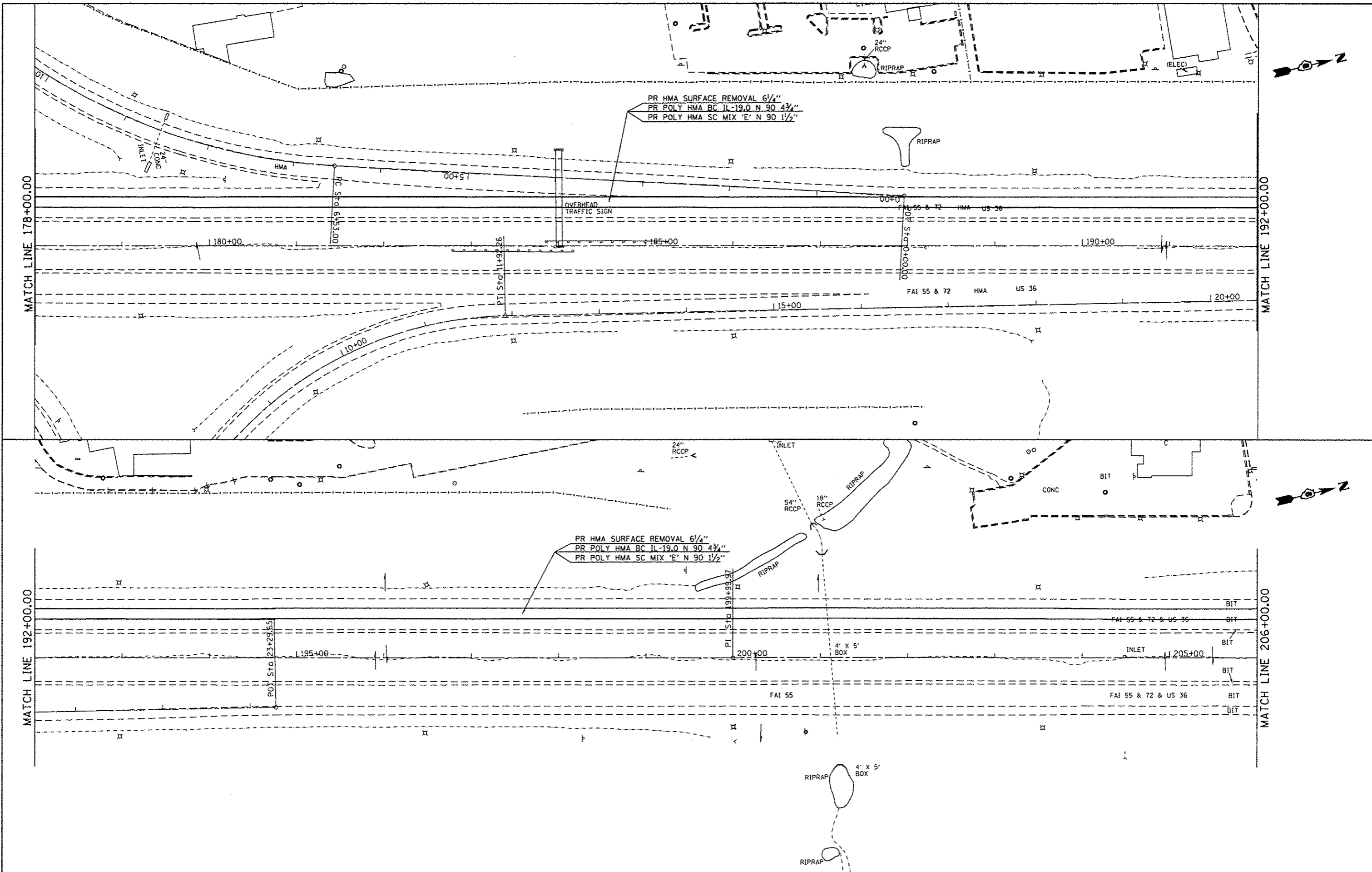
- BM +Jm 135 - CHISELED SQUARE ON E EDGE OF CONCRETE FOUNDATION OF SBL OVERHEAD SIGN AT CL OF MEDIAN, 0.23 MI N OF STEVENSON DR. - ELEV. 567.977
- PSM 177+00 - PERMANENT SURVEY MARKER IN MEDIAN - ELEV. 555.334
- BM RA5 - CHISELED SQUARE ON E EDGE OF W PIER TO N BRIDGE(SN084-0083)
- BM RA4 - CHISELED 'X' ON S HEADWALL TO PIPE UNDER ICRR BRIDGE, APPROX STA 165+00, 70' RT.

FILE NAME : c:\pwork\pvidot\sparksg\8326237\0672F90-shc-plan.dgn	USER NAME : sparksg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	155 PLAN SHEETS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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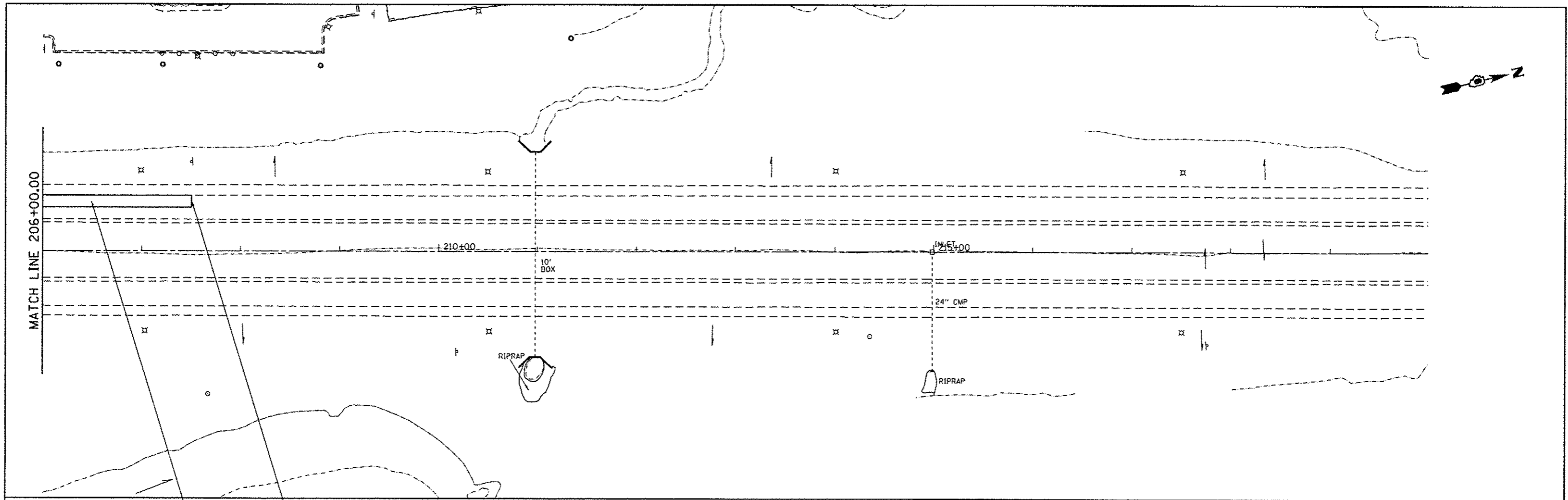


PR HMA SURFACE REMOVAL 6 1/4"
 PR POLY HMA BC IL-19.0 N 90 4 1/4"
 PR POLY HMA SC MIX 'E' N 90 1 1/2"

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Default	PLOT DATE = Oct-17-2013 09:57:15AM	DATE -	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72F90												



FILE NAME :	USER NAME :	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I 55 PLAN SHEETS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 72F90
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT

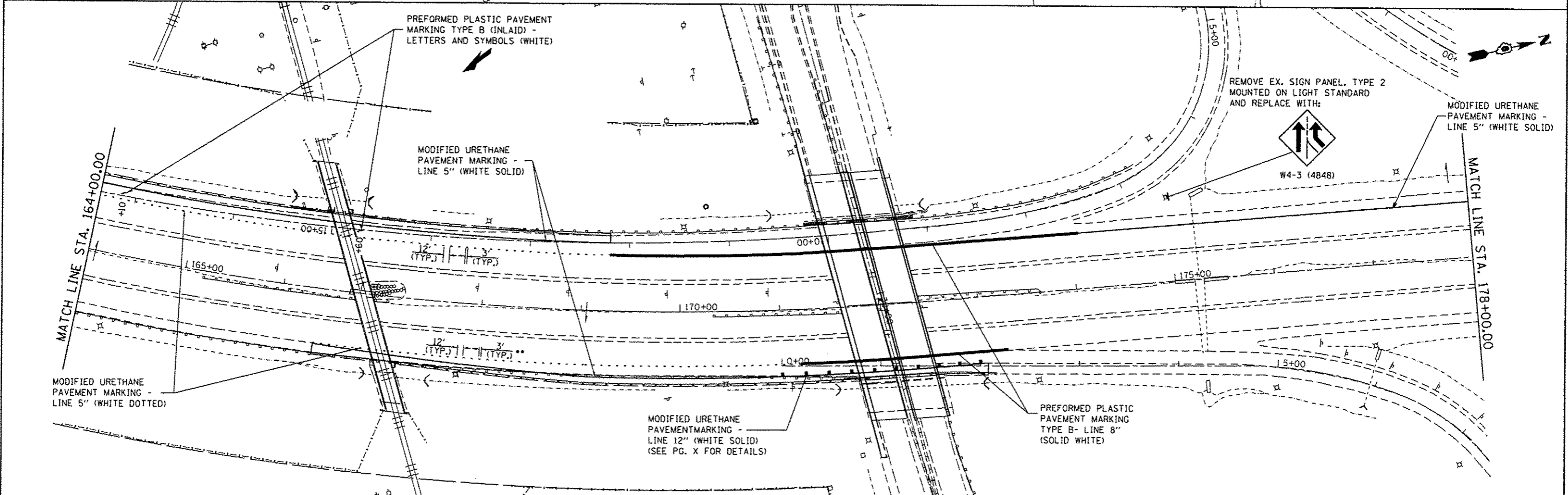
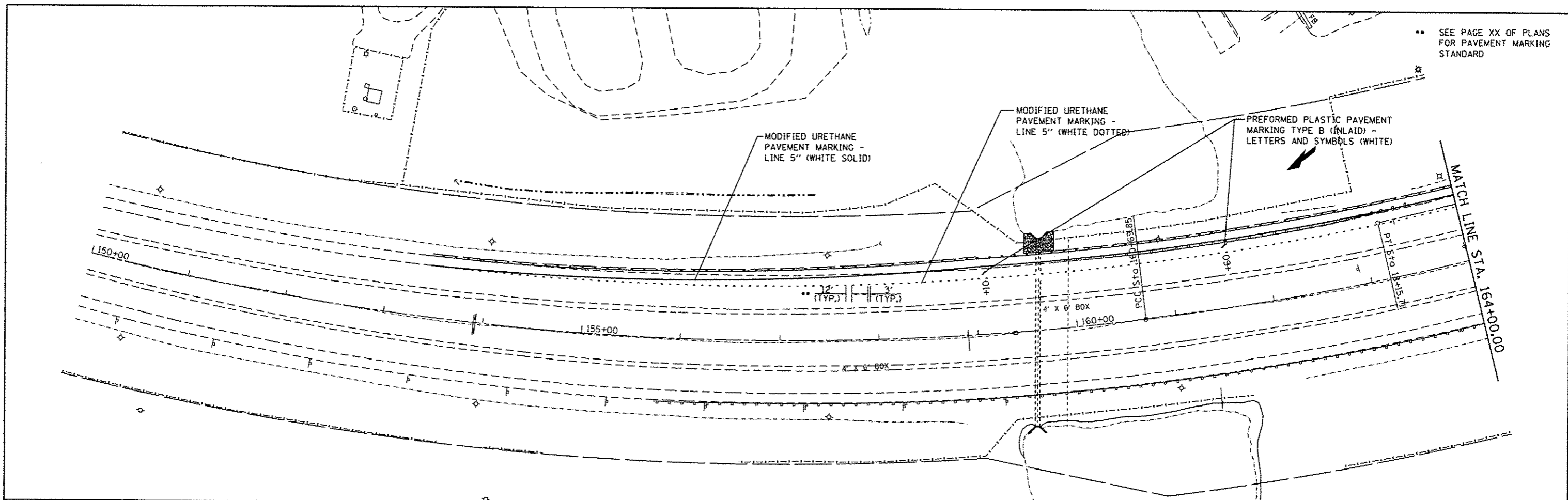


BEGIN SBDL RUTTING
IMPROVEMENTS
STA. 207+50.00

PR HMA SURFACE REMOVAL 6 1/4"
PR POLY HMA BC II-19.0 N 90 4 1/4"
PR POLY HMA SC MIX 'E' N 90 1 1/2"

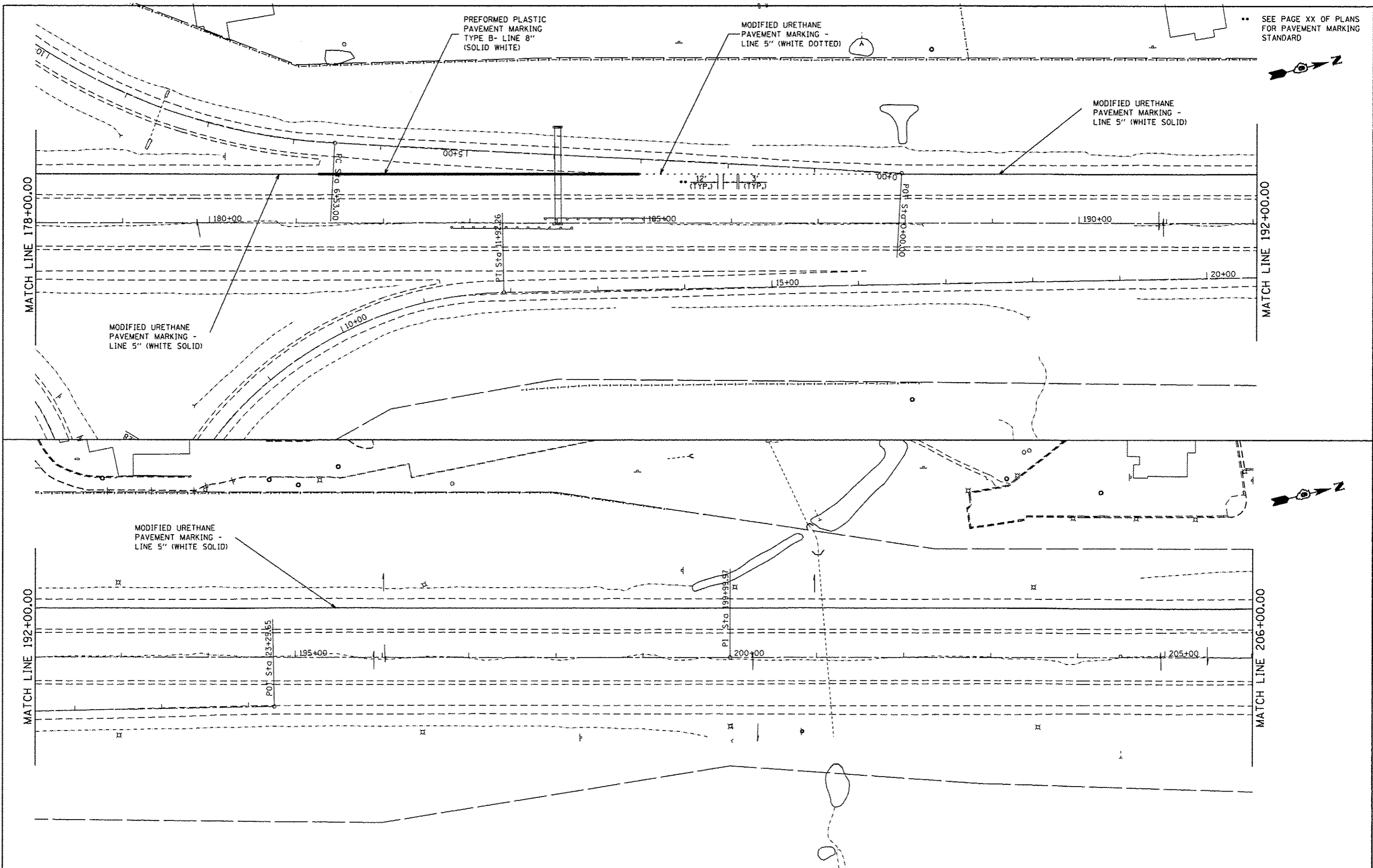
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ILLINOIS FED. AID PROJECT												

•• SEE PAGE XX OF PLANS FOR PAVEMENT MARKING STANDARD

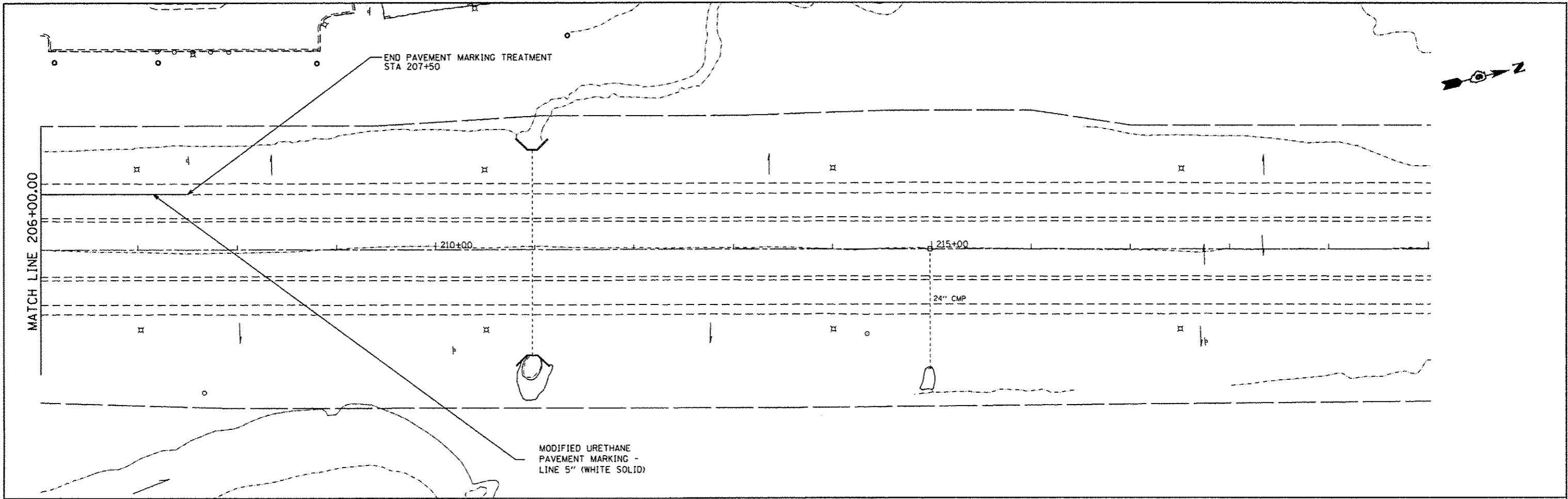


FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING AND STRIPING PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw_vork\puidot\sparkgw\d0326237\067	sparkgw	-	-			55	(84-31)-4	SANGAMON	56	21	
		DRAWN :	REVISED :			SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 153+41.80 TO STA. 174+98.00					
		CHECKED :	REVISED :			ILLINOIS FED. AID PROJECT					
Default		DATE :	REVISED :								

•• SEE PAGE XX OF PLANS FOR PAVEMENT MARKING STANDARD



FILE NAME : c:\pwwork\pwwork\eparkgw\d9326237\0672\F98-sht-pavt.markings.dgn	USER NAME : eparkgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING AND STRIPING PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -				55	(84-3)I-4	SANGAMON	56	22	
Default	PLOT DATE = Oct-17-2013 09:57:22AM	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 72F90
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT

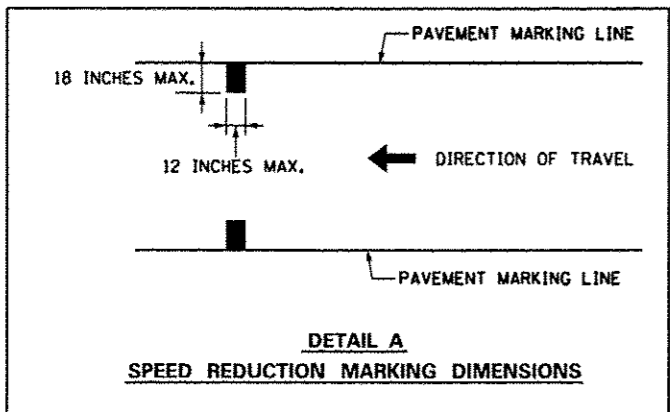
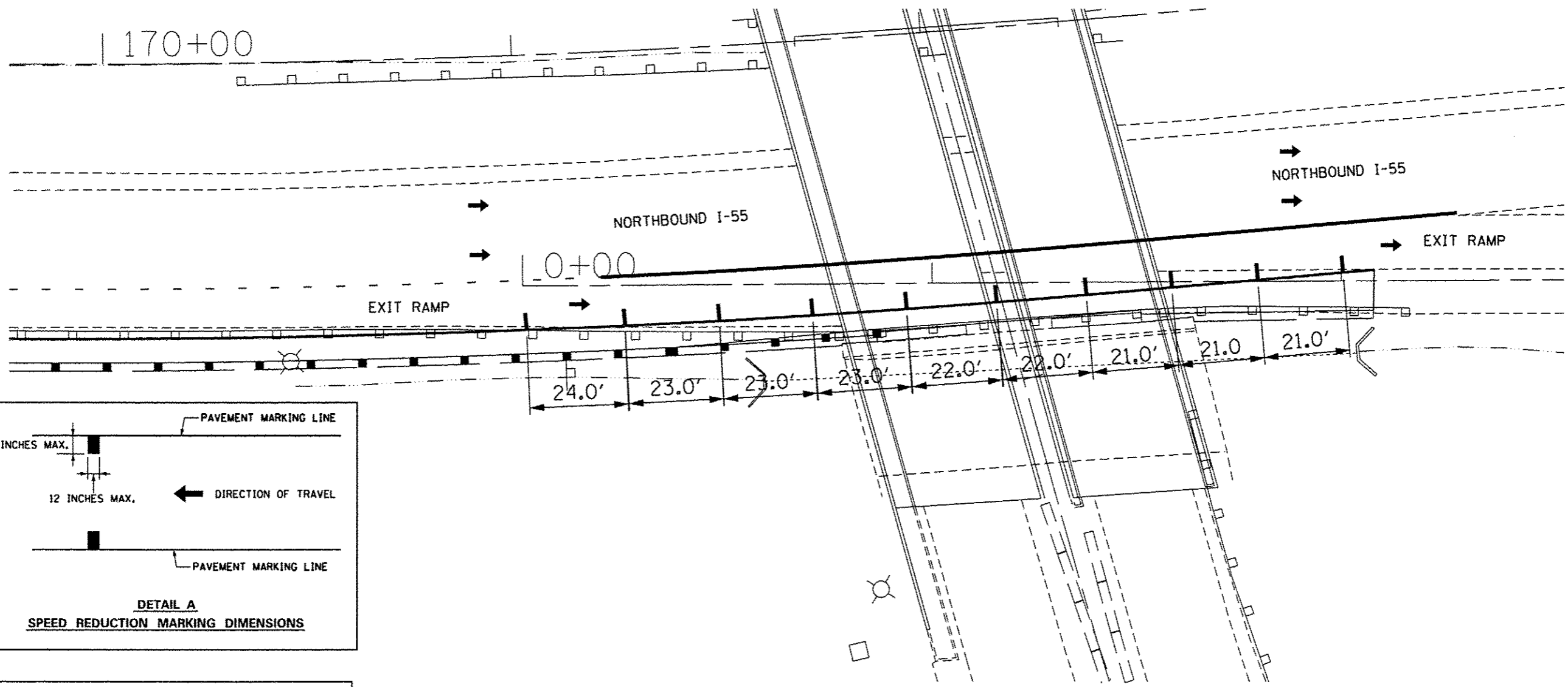


FILE NAME :	USER NAME :	DESIGNED :	REVISED :
o:\p\work\pvidot\sparkgw\d0326237\0678F98-ahs-pavt markings.dgn	sparkgw	-	-
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		-	-

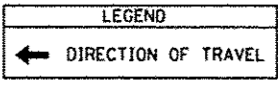
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING AND STRIPING PLAN			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-31)-4	SANGAMON	56	23
			CONTRACT NO. 72F90	
ILLINOIS FED. AID PROJECT				









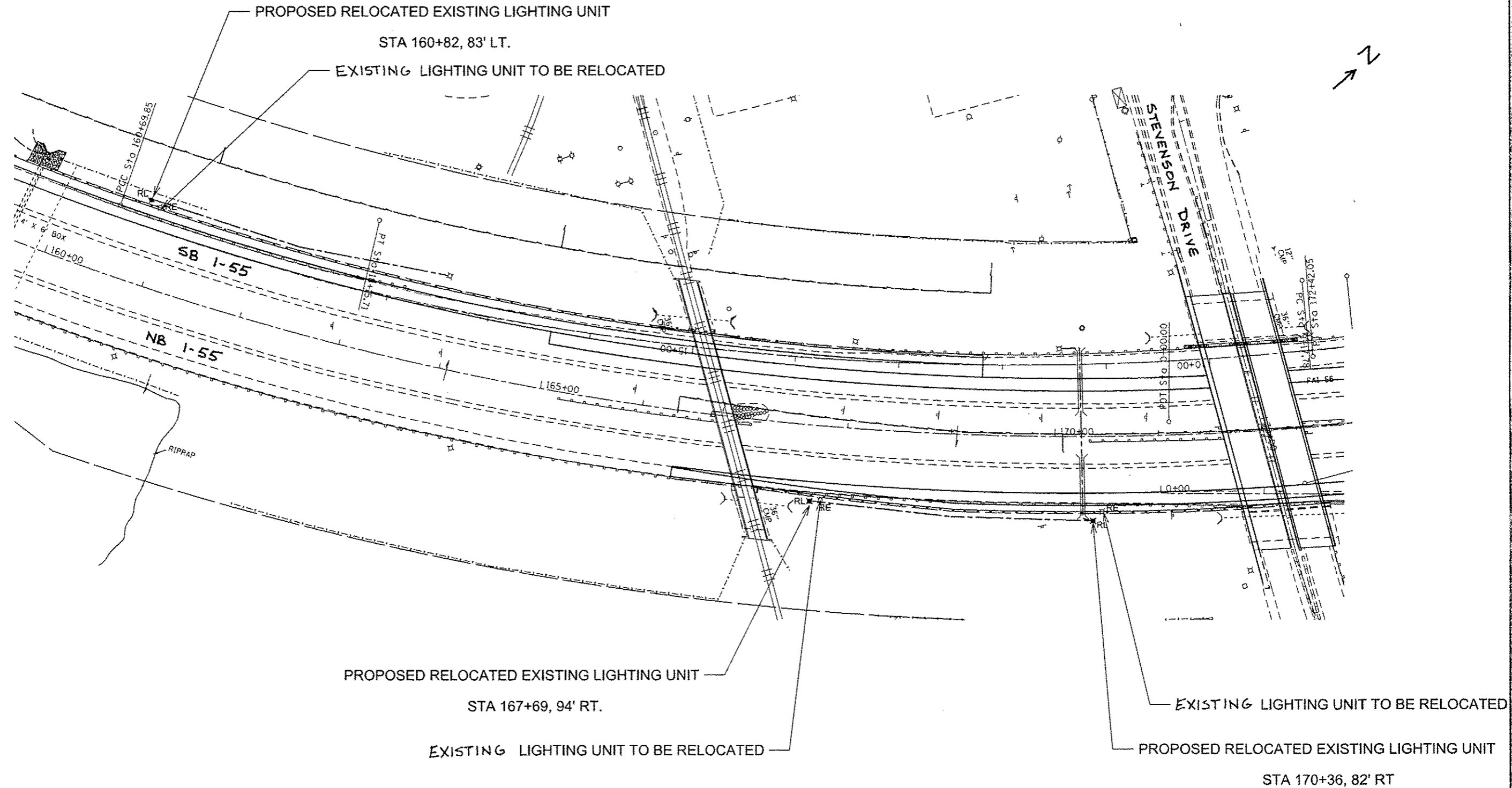
- NOTES:
1. ALL PAVEMENT MARKINGS SHALL BE MODIFIED URETHANE UNLESS OTHERWISE NOTED.
 2. ENGINEER TO SHIFT PROPOSED SPEED REDUCTION MARKINGS SLIGHTLY (\pm 6 INCHES) IN THE FIELD TO AVOID PLACEMENT ON EXISTING RAISED REFLECTIVE PAVEMENT MARKERS.



FILE NAME : c:\pwwork\pwwork\sparkag\108326237\06790-shr-pavt-markings.dgn	USER NAME : sparkag	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPEED REDUCTION LINES DETAIL SHEET			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					55	(84-3)1-4	SANGAMON	56	24
Default	PLOT DATE = Oct-17-2013 09:57:23AM	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 72F90	

NOTE: THE CONTRACTOR SHALL LOCATE, UNCOVER AND RE-ROUTE EXISTING UNIT DUCT TO THE RELOCATED LIGHTING UNIT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE RELOCATE EXISTING LIGHTING UNIT PAY ITEM.

-  EXISTING LIGHTING UNIT TO REMAIN
-  RE EXISTING LIGHTING UNIT TO BE RELOCATED
-  RL RELOCATED LIGHTING UNIT
-  EXISTING LIGHTING CONTROLLER
-  UNIT DUCT, 600V, 3-1C NO.6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA., POLYTHYLENE
-  UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2.5" DIA., SCHEDULE 80

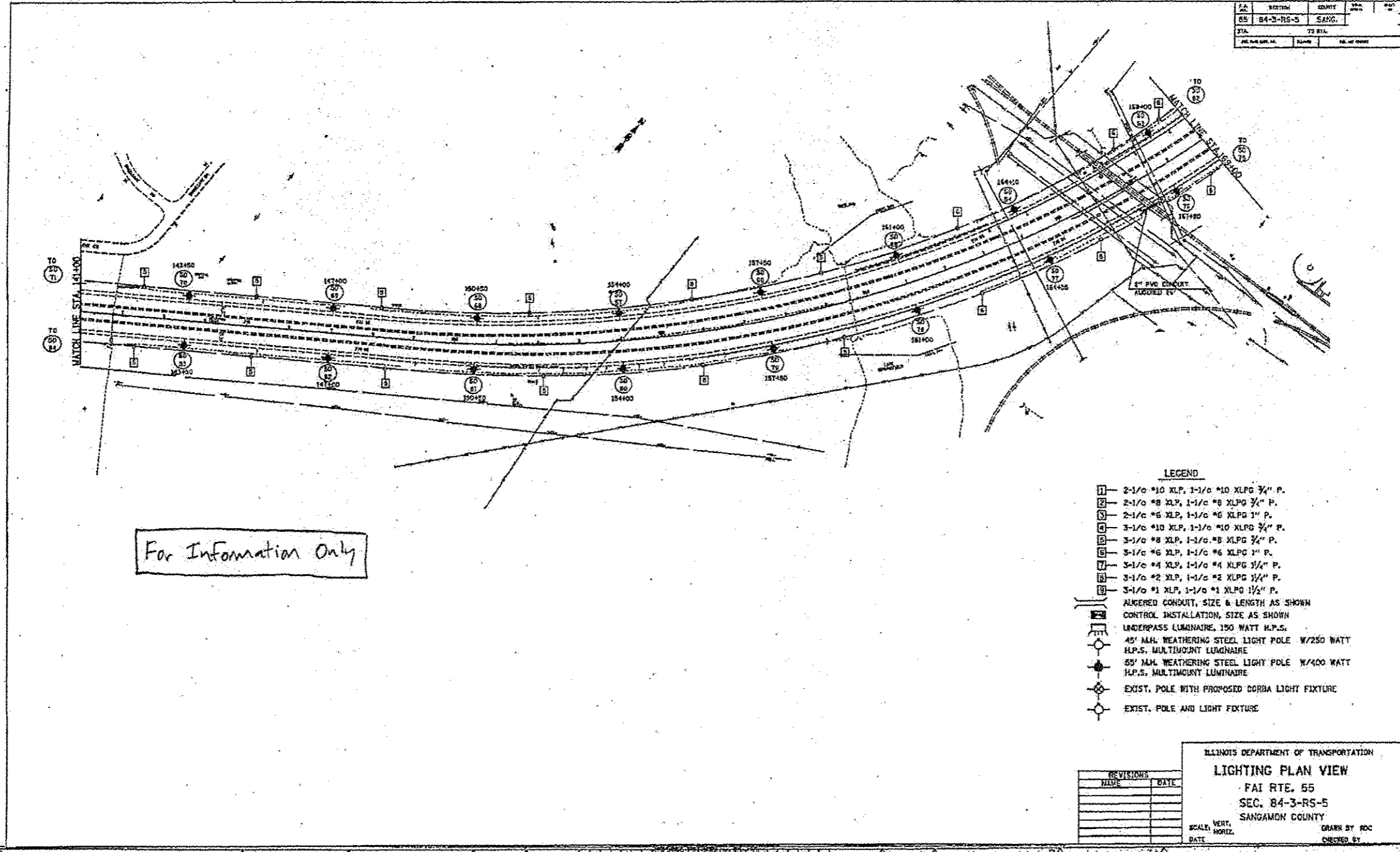


FILE NAME : c:\pwork\pwork\pwork\sparksgv\d0326237\LightingDesign.dgn	USER NAME : sparksgv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING RELOCATION PLANS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE * 100.0000' / 1" =	CHECKED -	REVISED -	55					184-31J-4	SANGAMON	56	25	
PLOT DATE * Oct-17-2013 09:57:26AM	DATE -	REVISED -	CONTRACT NO. 72F90									
Default					ILLINOIS FED. AID PROJECT							

GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
2. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. AFTER UNIT DUCT IS INSTALLED, FOUNDATIONS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. WASHERS USED TO INSTALL THE POLE SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE
3. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE UNIT DUCT PAY ITEM.
4. ALL RELOCATED LIGHTING UNITS SHALL BE INSTALLED AT A MINIMUM OF FIVE FEET BEHIND GUARDRAIL. NO POLE IS TO BE INSTALLED IN THE FLOWLINE OF THE DITCH. POLE SETBACK TO BE INCREASED IF NECESSARY AS DIRECTED BY THE ENGINEER.
5. NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT THE APPROVAL OF THE ENGINEER.
6. THE CONTRACTOR SHALL TAKE INSULATION RESISTANCE MEASUREMENTS OF ALL EXISTING CIRCUITS BEFORE ANY MODIFICATIONS ARE MADE AND PROVIDE THE WRITTEN RESULTS TO THE ENGINEER. EXISTING CIRCUITS IN THE LIGHTING CONTROLLER LOCATED ON STEVENSON DRIVE NOT TESTED AND PROPERLY DOCUMENTED SHALL BE SUBJECT TO THE INSULATION RESISTANCE REQUIREMENTS OF ARTICLE 801.13 AT THE CONTRACTOR'S EXPENSE.
7. AFTER THE PROPOSED CIRCUIT IS FULLY INSTALLED THE CONTRACTOR SHALL TAKE INSULATION RESISTANCE MEASUREMENTS ACCORDING TO ARTICLE 801.13 AND PROVIDE THE WRITTEN RESULTS TO THE ENGINEER. IF THE TEST RESULTS DO NOT COMPLY WITH ARTICLE 801.13, THE CONTRACTOR SHALL THEN TEST ONLY THE PORTIONS OF THE CIRCUIT WHICH ARE NEW. ANY WORK NECESSARY TO BRING THE CIRCUIT IN TO COMPLIANCE SHALL BE AT THE CONTRACTOR'S OWN EXPENSE AND NO ADDITIONAL PAYMENT WILL BE ALLOWED.
8. THE CONTRACTOR SHALL PLACE A COPY OF REVISED AS-BUILT PLANS INSIDE THE EXISTING LIGHTING CONTROLLER ON STEVENSON DRIVE.
9. UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA. SHALL BE SCHEDULE 80 AS NOTED IN THE PLANS.
10. STAINLESS STEEL SCREEN INSTALLED AROUND BREAKAWAY COUPLINGS OR ANCHOR RODS AND NUTS SHALL BE ACCORDING TO ARTICLE 1070.04(a)(2)c. OF THE STANDARD SPECIFICATIONS EXCEPT THE MINIMUM WIRE DIAMETER SHALL BE AWG NO. 16 (1.6 MM).

FILE NAME : c:\pwwork\parks\sparks\0326237\LightingDesign.dgn	USER NAME : sparks	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING NOTES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		55	(84-31)-4	SANGAMON	56	26				
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 72F90								
Default	PLOT DATE = Oct-17-2013 09:57:26AM	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	



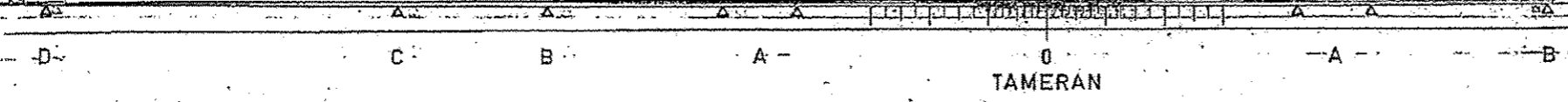
SECTION	COUNTY	DATE	BY
84-3-RS-5	SANG.		

For Information Only

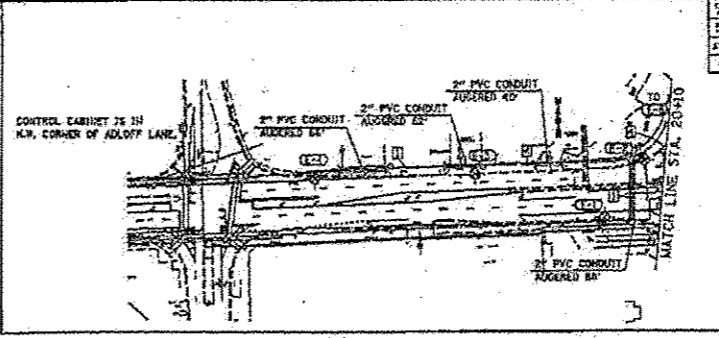
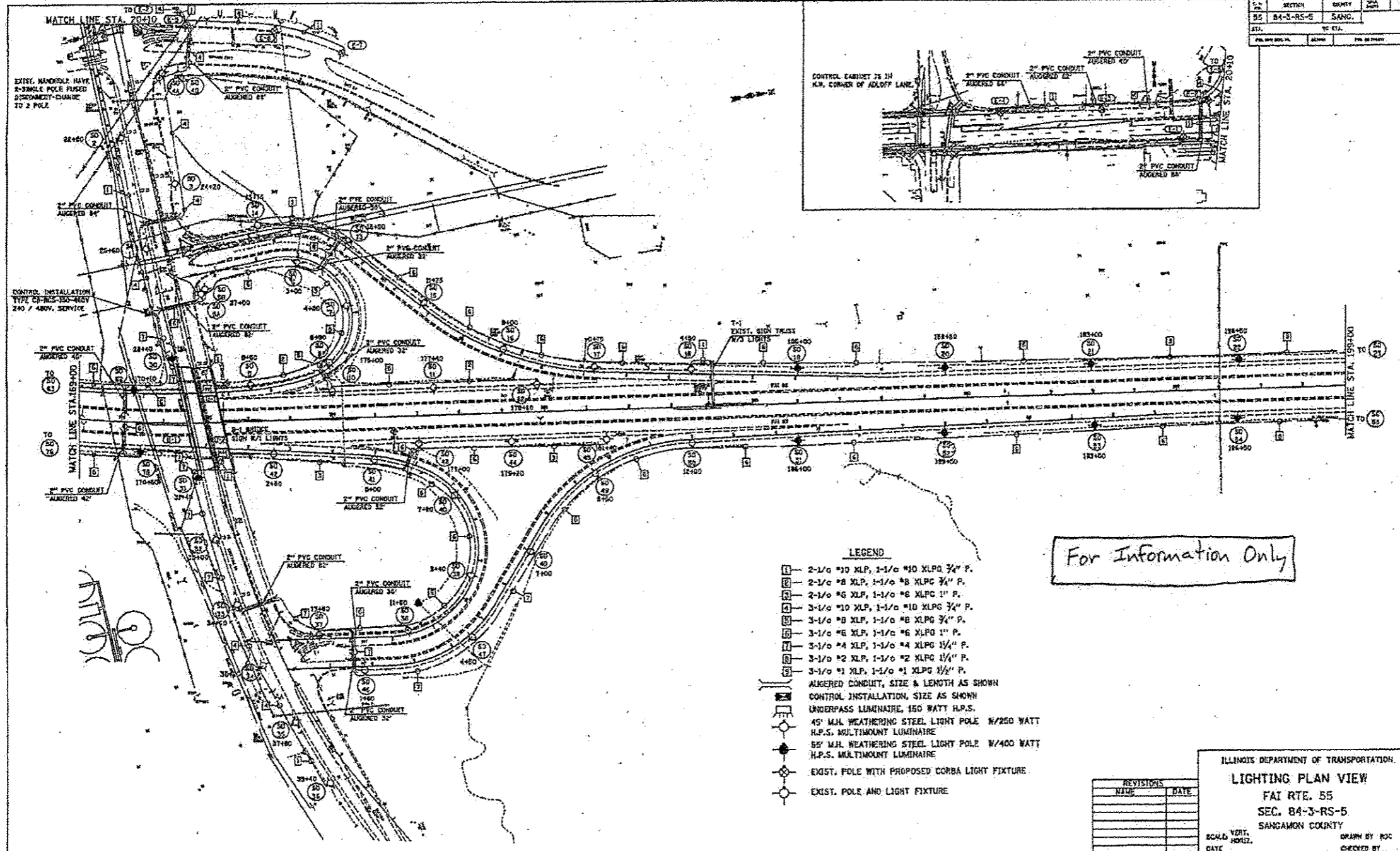
- LEGEND**
- 1 2-1/2" #10 XLP, 1-1/2" #10 XLPG 3/4" P.
 - 2 2-1/2" #8 XLP, 1-1/2" #8 XLPG 3/4" P.
 - 3 2-1/2" #6 XLP, 1-1/2" #6 XLPG 3/4" P.
 - 4 3-1/2" #10 XLP, 1-1/2" #10 XLPG 3/4" P.
 - 5 3-1/2" #8 XLP, 1-1/2" #8 XLPG 3/4" P.
 - 6 3-1/2" #6 XLP, 1-1/2" #6 XLPG 3/4" P.
 - 7 3-1/2" #4 XLP, 1-1/2" #4 XLPG 3/4" P.
 - 8 3-1/2" #2 XLP, 1-1/2" #2 XLPG 3/4" P.
 - 9 3-1/2" #1 XLP, 1-1/2" #1 XLPG 3/4" P.
 - 10 ALIGNED CONDUIT, SIZE & LENGTH AS SHOWN
 - 11 CONTROL INSTALLATION, SIZE AS SHOWN
 - 12 UNDERPASS LUMINAIRE, 150 WATT H.P.S.
 - 13 45' H.H. WEATHERING STEEL LIGHT POLE W/250 WATT H.P.S. MULTIMOUNT LUMINAIRE
 - 14 85' H.H. WEATHERING STEEL LIGHT POLE W/400 WATT H.P.S. MULTIMOUNT LUMINAIRE
 - 15 EXIST. POLE WITH PROPOSED CORBA LIGHT FIXTURE
 - 16 EXIST. POLE AND LIGHT FIXTURE

REVISIONS	
DATE	BY

ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHTING PLAN VIEW
 FAI RTE. 55
 SEC. 84-3-RS-5
 SANGAMON COUNTY
 SCALE: VERT. _____ HORIZ. _____
 DATE _____ DRAWN BY ROC
 CHECKED BY _____



FAI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-3)I-4	SANGAMON	56	26A



SECTION	84-3-RS-5
COUNTY	SANG.
DATE	10/1/54
DESIGNED BY	
CHECKED BY	

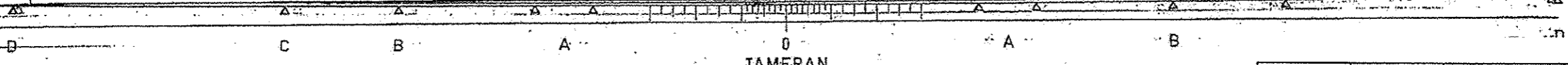
For Information Only

- LEGEND**
- 1- 2-1/2" #10 XLP, 1-1/2" #10 XLPG 3/4" P.
 - 2- 2-1/2" #8 XLP, 1-1/2" #8 XLPG 3/4" P.
 - 3- 2-1/2" #6 XLP, 1-1/2" #6 XLPG 1" P.
 - 4- 3-1/2" #10 XLP, 1-1/2" #10 XLPG 3/4" P.
 - 5- 3-1/2" #8 XLP, 1-1/2" #8 XLPG 3/4" P.
 - 6- 3-1/2" #6 XLP, 1-1/2" #6 XLPG 1" P.
 - 7- 3-1/2" #4 XLP, 1-1/2" #4 XLPG 1 1/4" P.
 - 8- 3-1/2" #2 XLP, 1-1/2" #2 XLPG 1 1/4" P.
 - 9- 3-1/2" #1 XLP, 1-1/2" #1 XLPG 1 1/2" P.
 - 10- ALIGNED CONDUIT, SIZE & LENGTH AS SHOWN
 - 11- CONTROL INSTALLATION, SIZE AS SHOWN
 - 12- UNDERPASS LUMINAIRE, 150 WATT H.P.S.
 - 13- 45' M.H. WEATHERING STEEL LIGHT POLE W/250 WATT H.P.S. MULTIMOUNT LUMINAIRE
 - 14- 55' M.H. WEATHERING STEEL LIGHT POLE W/400 WATT H.P.S. MULTIMOUNT LUMINAIRE
 - 15- EXIST. POLE WITH PROPOSED CORBA LIGHT FIXTURE
 - 16- EXIST. POLE AND LIGHT FIXTURE

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHTING PLAN VIEW
 FAI RTE. 55
 SEC. 84-3-RS-5
 SANGAMON COUNTY
 SCALE: VERT. 1"=10'
 HORIZ. 1"=40'
 DRAWN BY: RSC
 CHECKED BY: []

DRAWN BY: RSC
 CHECKED BY: []
 DATE: 10/1/54

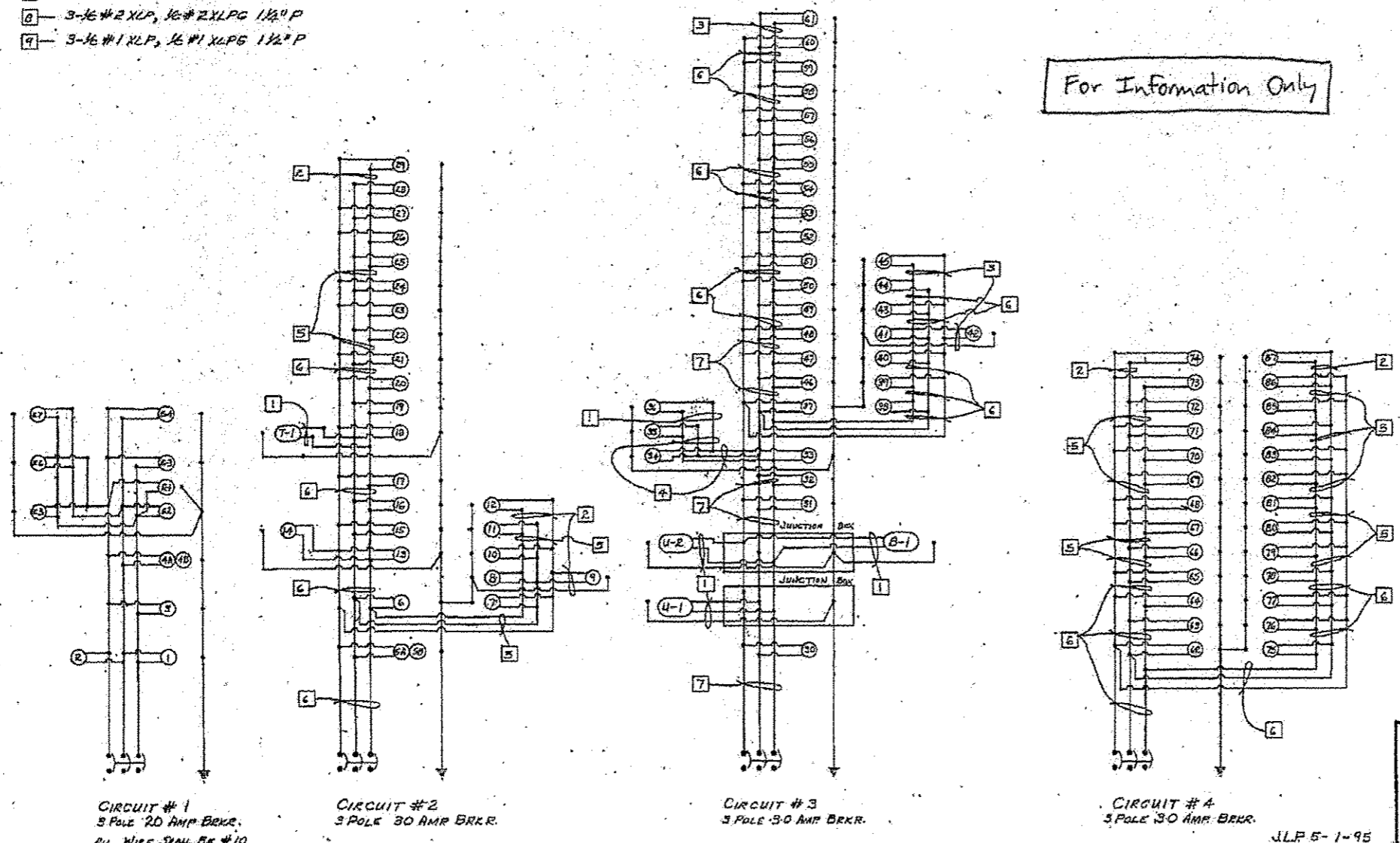


FAI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-3)-I-4	SANGAMON	56	26B

- LEGEND**
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 - 2 - 2-1/2 #8 XLP, 1/2 #8 XLP 3/4" P
 - 3 - 2-1/2 #6 XLP, 1/2 #6 XLP 1" P
 - 4 - 3-1/2 #10 XLP, 1/2 #10 XLP 3/4" P
 - 5 - 3-1/2 #8 XLP, 1/2 #8 XLP 3/4" P
 - 6 - 3-1/2 #6 XLP, 1/2 #6 XLP 1" P
 - 7 - 3-1/2 #4 XLP, 1/2 #4 XLP 1 1/2" P
 - 8 - 3-1/2 #2 XLP, 1/2 #2 XLP 1 1/2" P
 - 9 - 3-1/2 #1 XLP, 1/2 #1 XLP 1 1/2" P

ROUTE	SECTION	COUNTY	TOT. SHEETS	SHEET #
PAZ 45	043R5-5	Sang.		

For Information Only



CIRCUIT # 1
3 POLE 20 AMP BRKR.
ALL WIRE SHALL BE #10

CIRCUIT # 2
3 POLE 30 AMP BRKR.

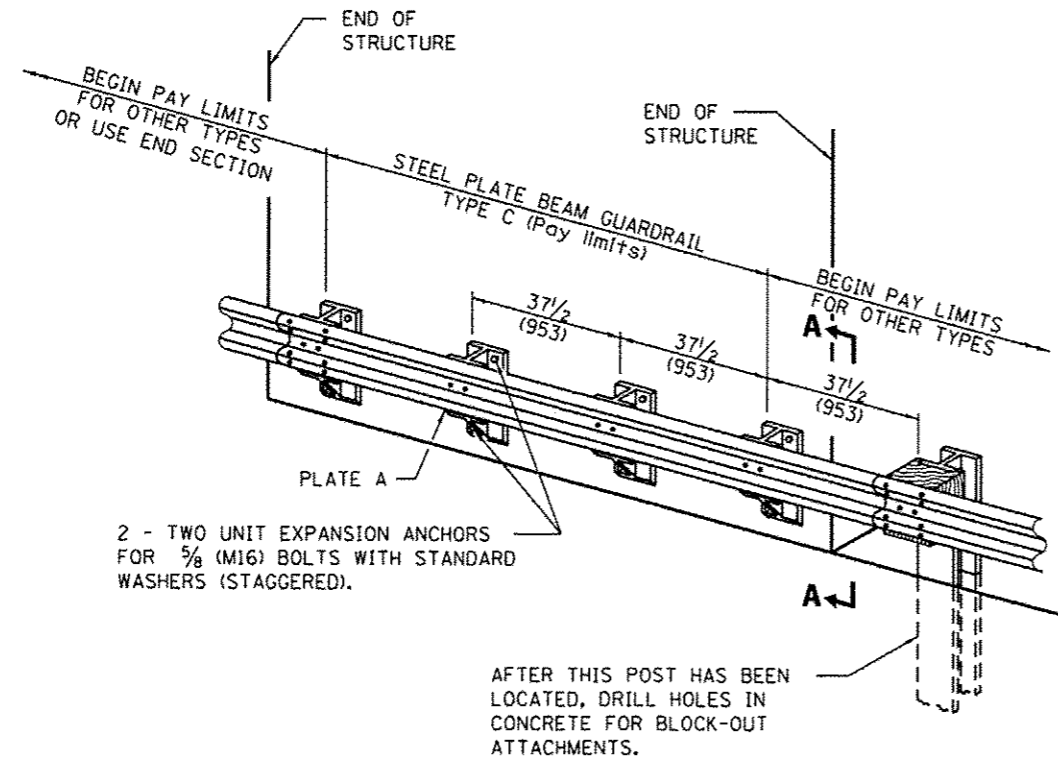
CIRCUIT # 3
3 POLE 30 AMP BRKR.

CIRCUIT # 4
3 POLE 30 AMP BRKR.

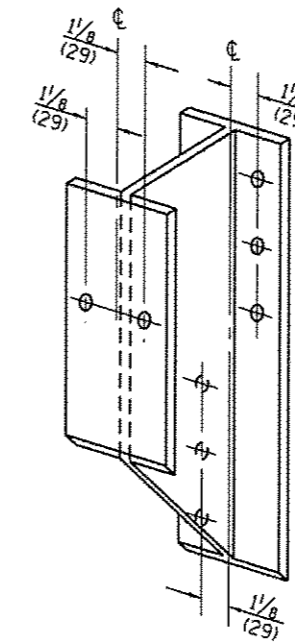
WIRING DIAGRAM
STEVENSON DRIVE
INTERCHANGE
JLP 5-1-95

D C B A 0 A B
TAMERAN

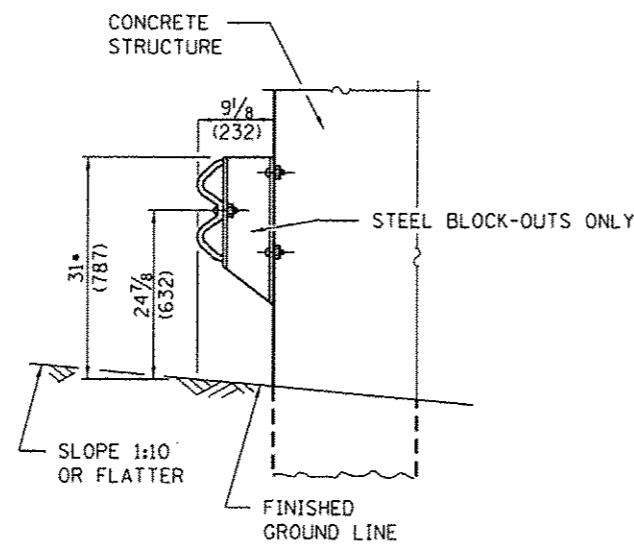
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55	(84-3)I-4	SANGAMON	56	26C



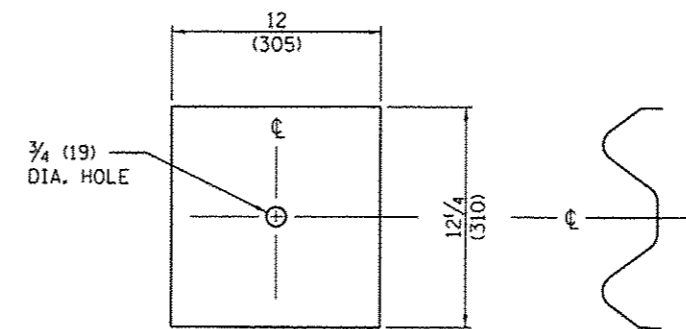
TYPE C
37 1/2 (953) BLOCK-OUT SPACING



STEEL BLOCK-OUT DETAIL



SECTION A-A



NOTE
PLATE A SHALL BE PLACED BETWEEN RAIL ELEMENT AND BLOCK-OUT AT NON-SPLICE MOUNTING POINTS ONLY WHEN STEEL BLOCK-OUTS ARE USED.

PLATE A

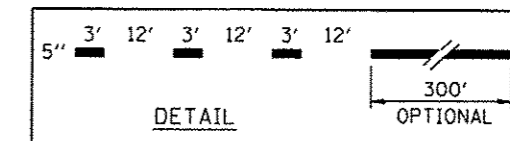
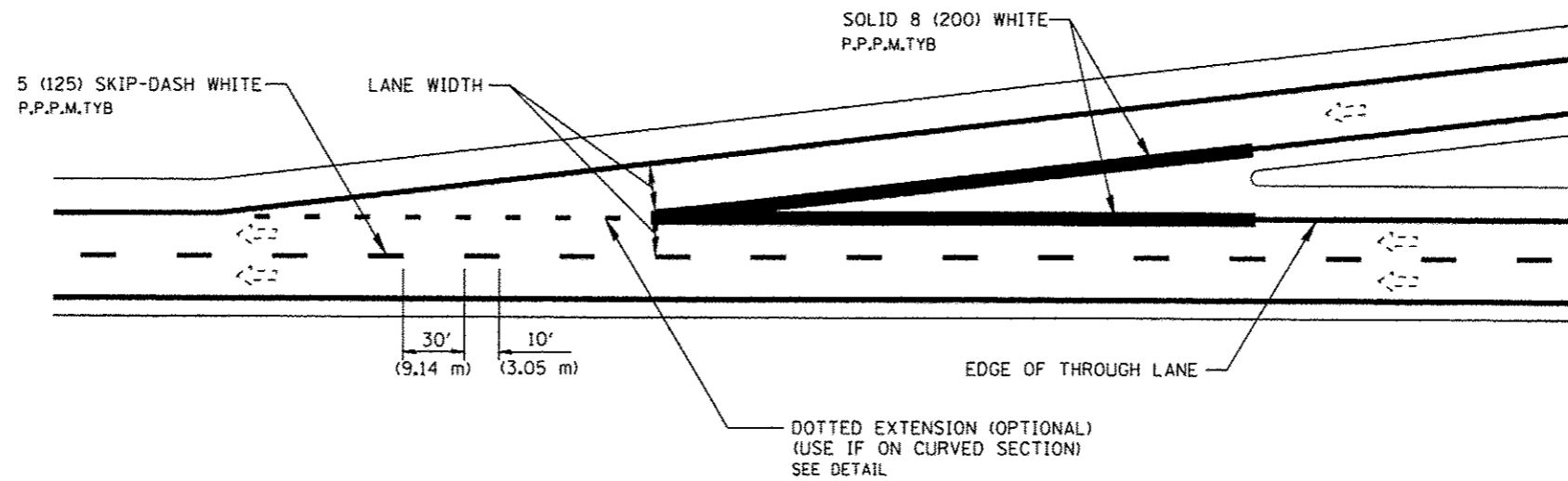
NOTES:

1. THESE DETAILS ARE PROVIDED FOR INFORMATION ONLY FOR THE REMOVAL AND REPLACEMENT OF STEEL PLATE BEAM GUARDRAIL, TYPE C.
2. ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).
3. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
4. SEE STANDARD 630001-10 FOR REMAINING DETAILS.

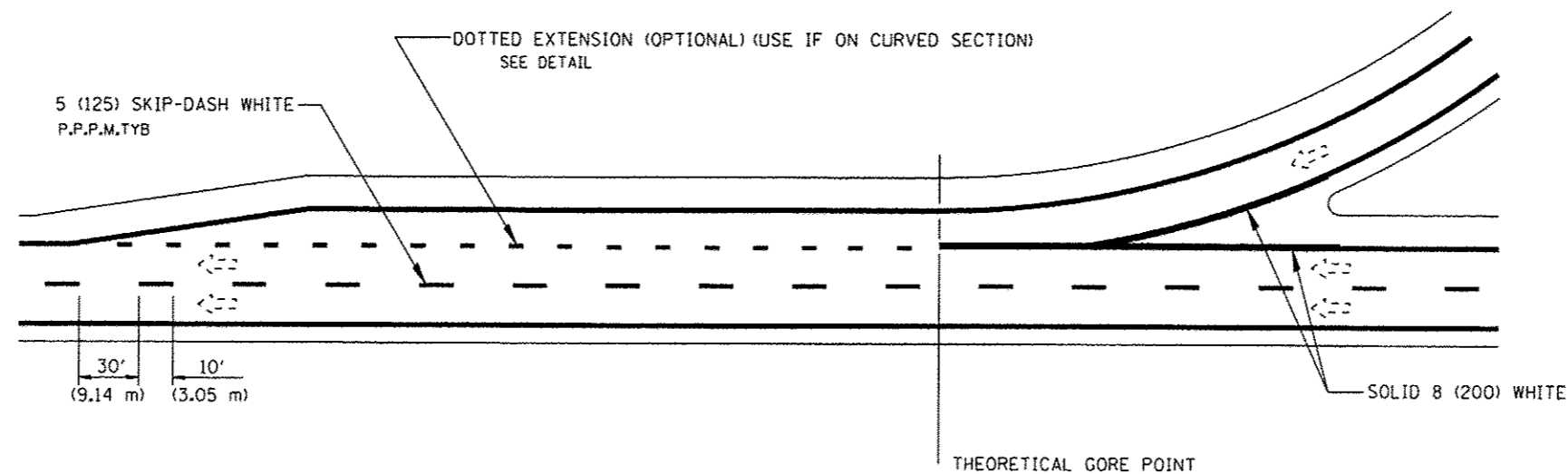
• - FOR REMOVE & RE-ERECT GUARDRAIL, TYPE C, MATCH EXISTING HEIGHT

FILE NAME :	USER NAME : sparkgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STEEL PLATE BEAM GUARDRAIL, TYPE C DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pvidot\sparkgw\d0326237\0672798-eh1-details.dgn		DRAWN -	REVISED -			55	(84-3)-4	SANGAMON	56	28	
Default	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -			CONTRACT NO. 72F90					
	PLOT DATE = Oct-17-2013 09:57:00AM	DATE -	REVISED -			SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

A - TAPERED ACCELERATION LANE

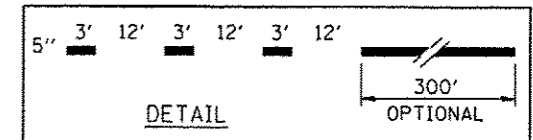
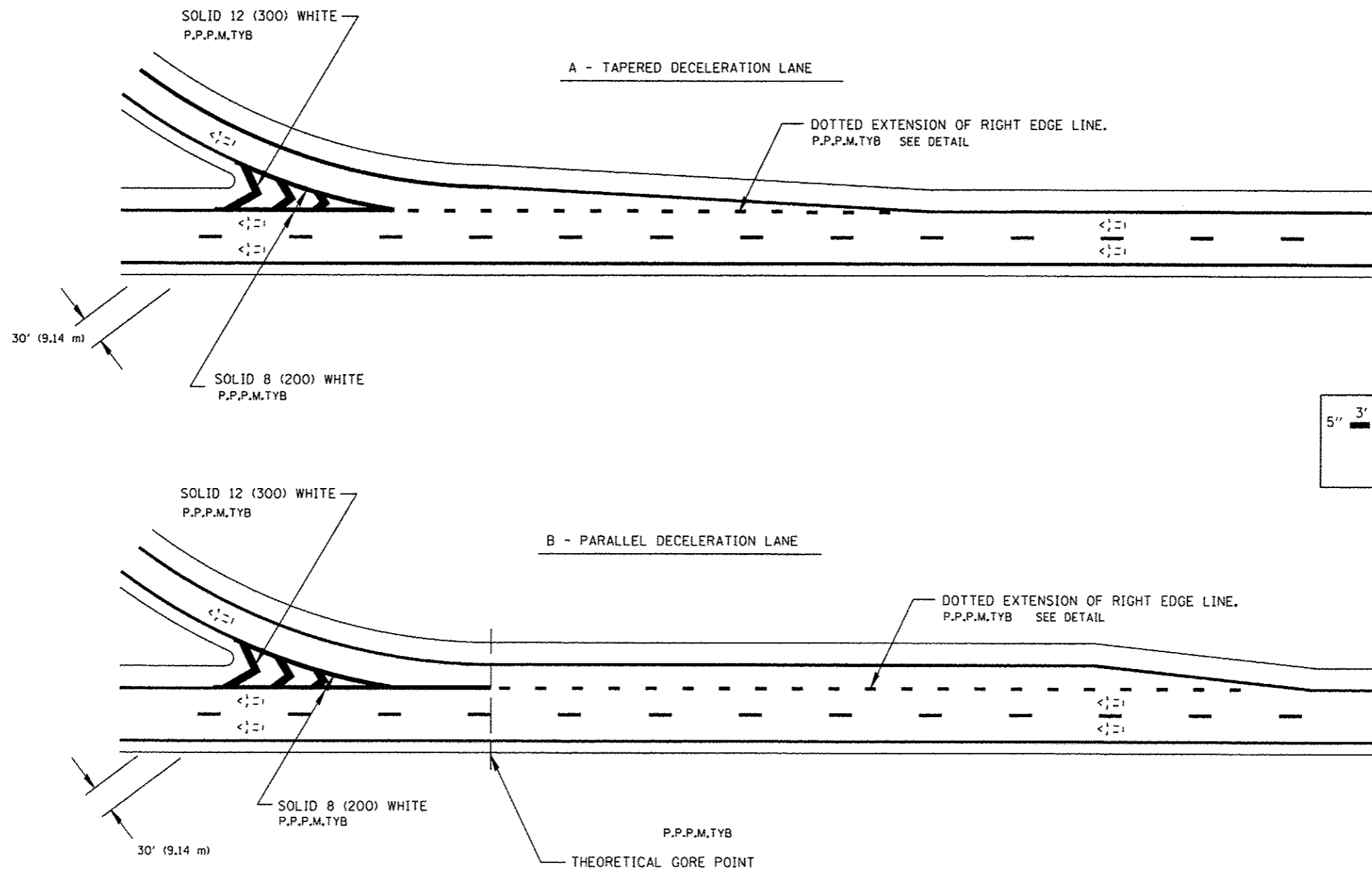


B - PARALLEL ACCELERATION LANE



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

FILE NAME =	USER NAME = sparksg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	D6 PAVEMENT MARKING STANDARD ENTRANCE RAMP MARKINGS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = Oct-17-2013 09:57:00AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

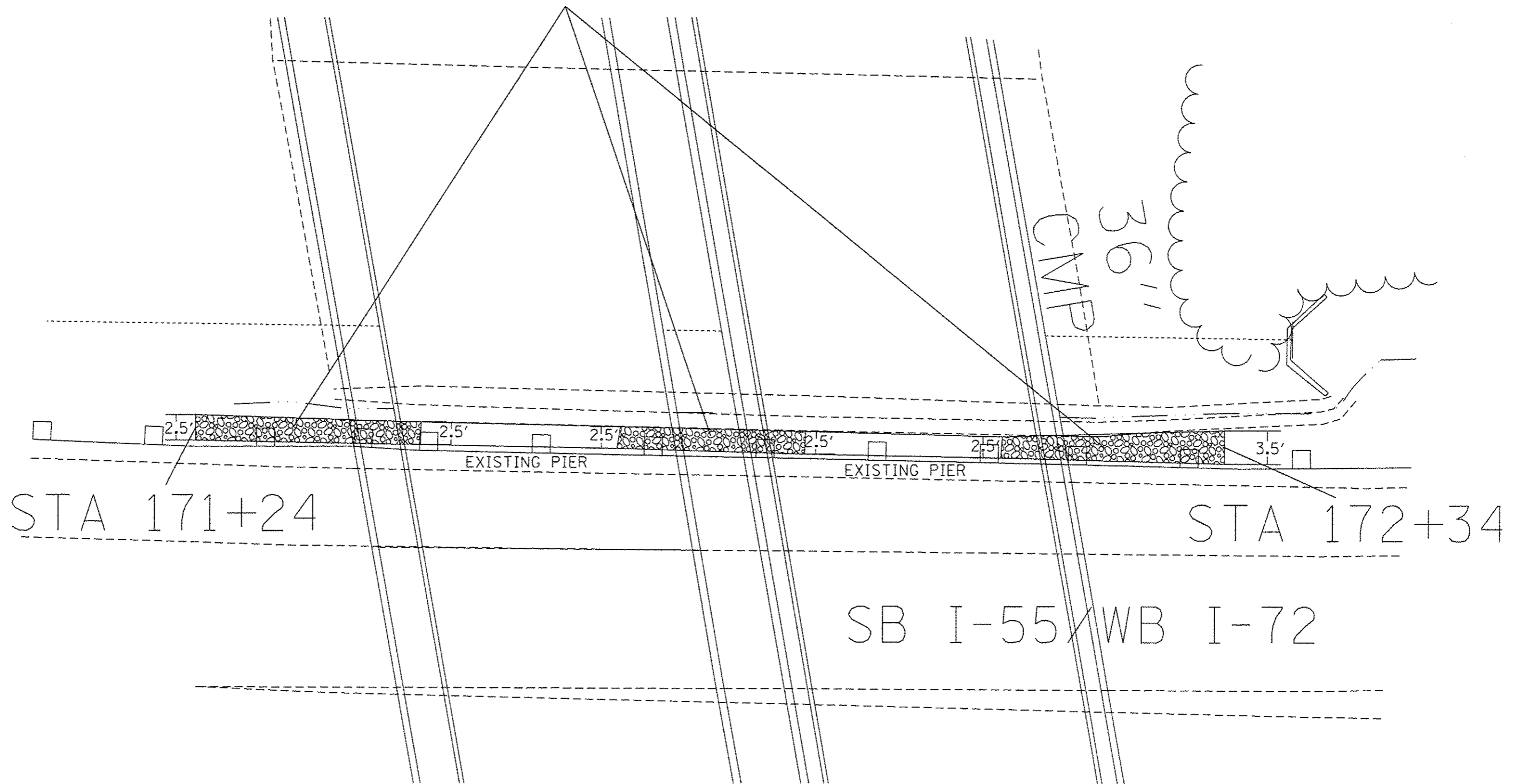


EXIT RAMP MARKINGS

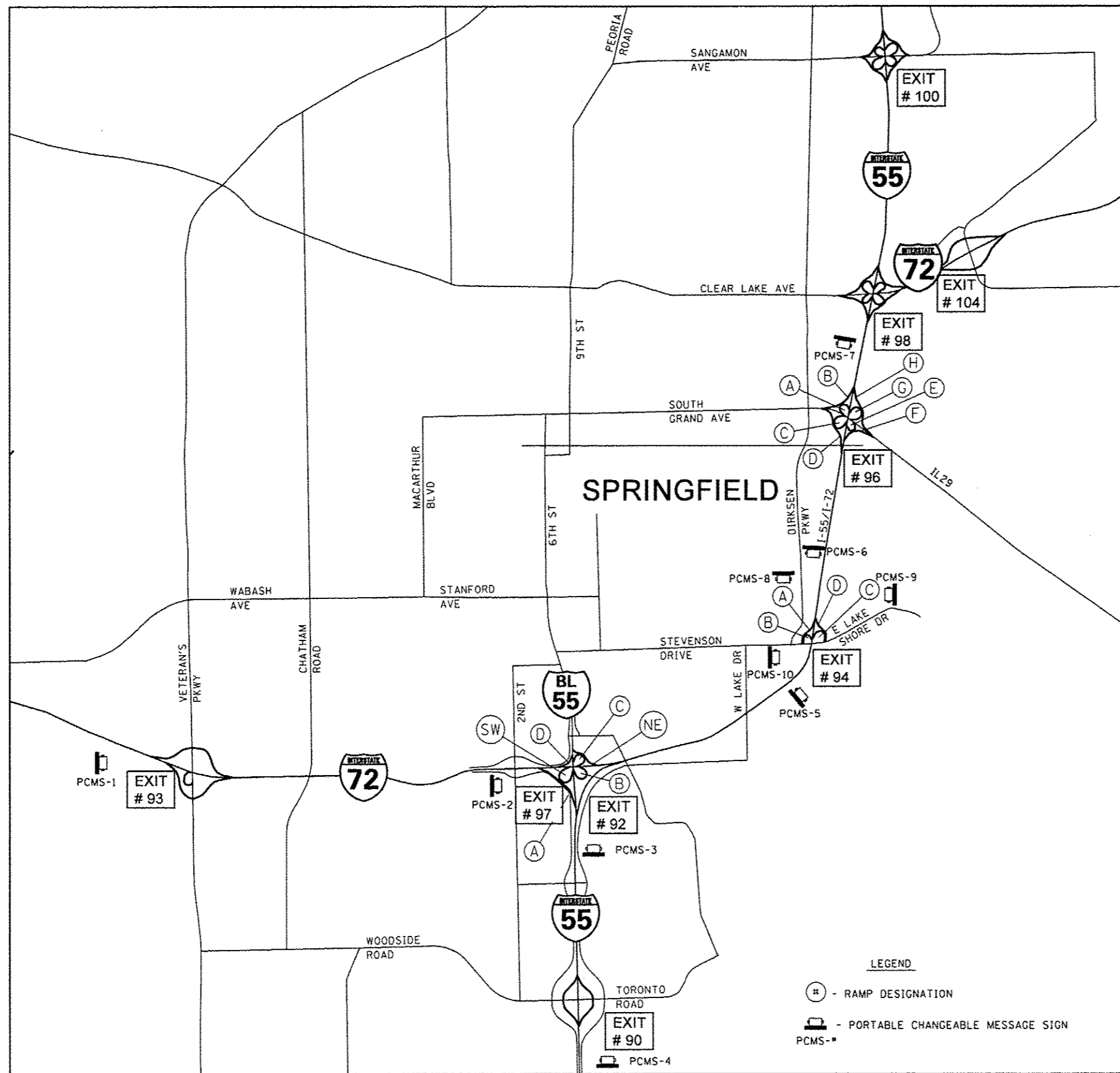
All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME =	USER NAME = aparkgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	D6 PAVEMENT MARKING STANDARD EXIT RAMP MARKINGS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = Oct-17-2013 09:57:38AM	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 72F90	
		DATE -	REVISED -									

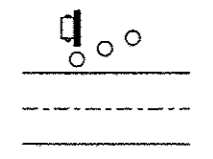
PROPOSED RR2 IN WASHED OUT AREAS



FILE NAME : c:\pw\work\p\d01\sparkg\ld0326237\0672\F90-ah-t-detail.dgn	USER NAME : sparkg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RR2 LOCATION DETAIL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					55	(84-31)-4	SANGAMON	56	31
Default	PLOT DATE = Oct-17-2013 09:57:31AM	CHECKED -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 72F90	



NOTE:
 ALL MESSAGE BOARDS SHALL BE PROTECTED BY THREE, TYPE III BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 50' CENTERS.



LEGEND

- # - RAMP DESIGNATION
- PCMS-# - PORTABLE CHANGEABLE MESSAGE SIGN

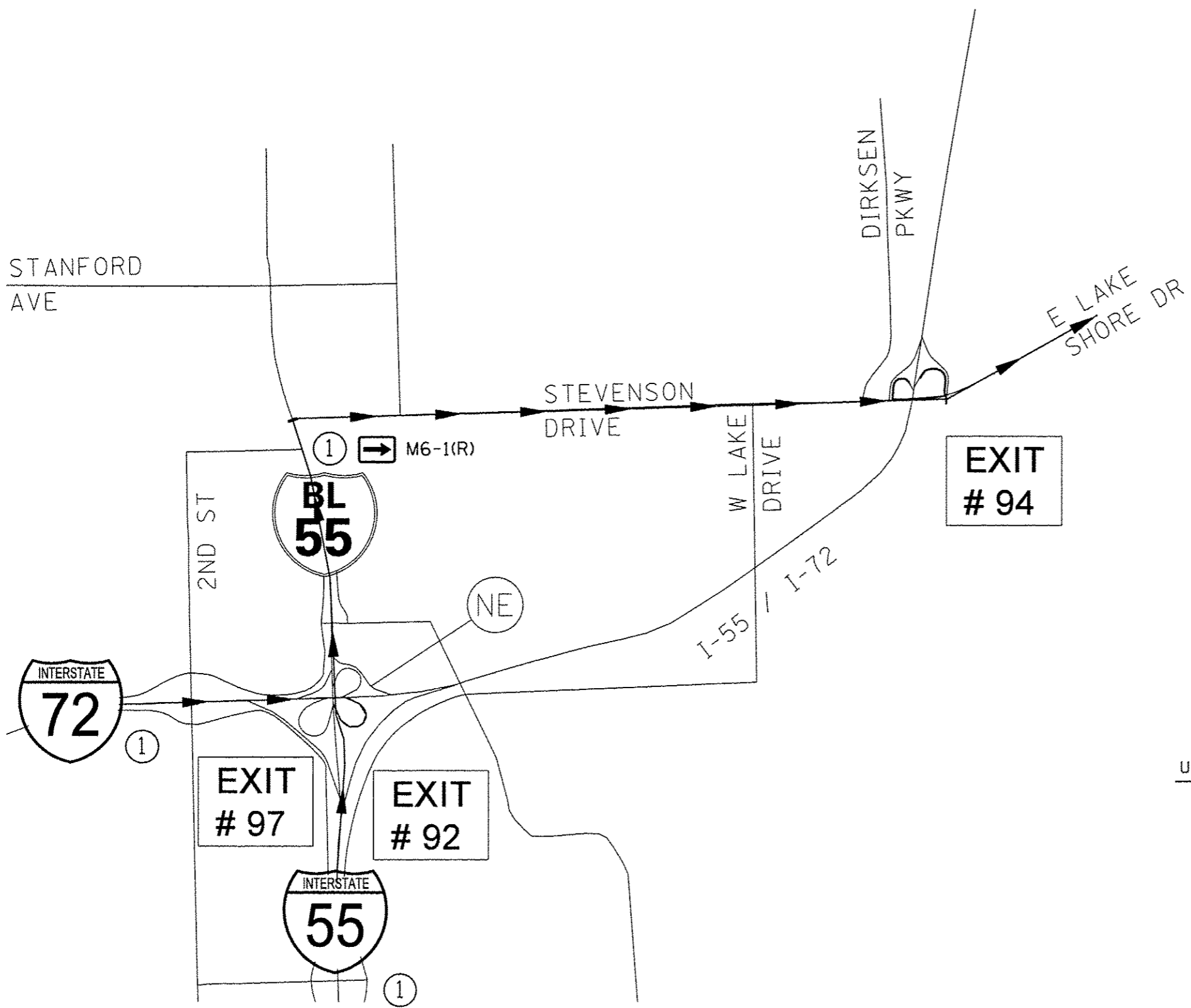
FILE NAME :	USER NAME = sperkagu	DESIGNED -	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-17-2013 09:57:33AM	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MESSAGE BOARD PLACEMENT SHEET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-31)-4	SANGAMON	56	32
CONTRACT NO. 72F90				
ILLINOIS FED. AID PROJECT				

I-55 NB/I-72 EB TO STEVENSON DR/E. LAKE SHORE DR



USE FOR CLOSING STEVENSON DR INTERCHANGE LOOP C

- ① DETOUR ORANGE/BLACK M4-8 (30X15)
- ①

INTERSTATE

55

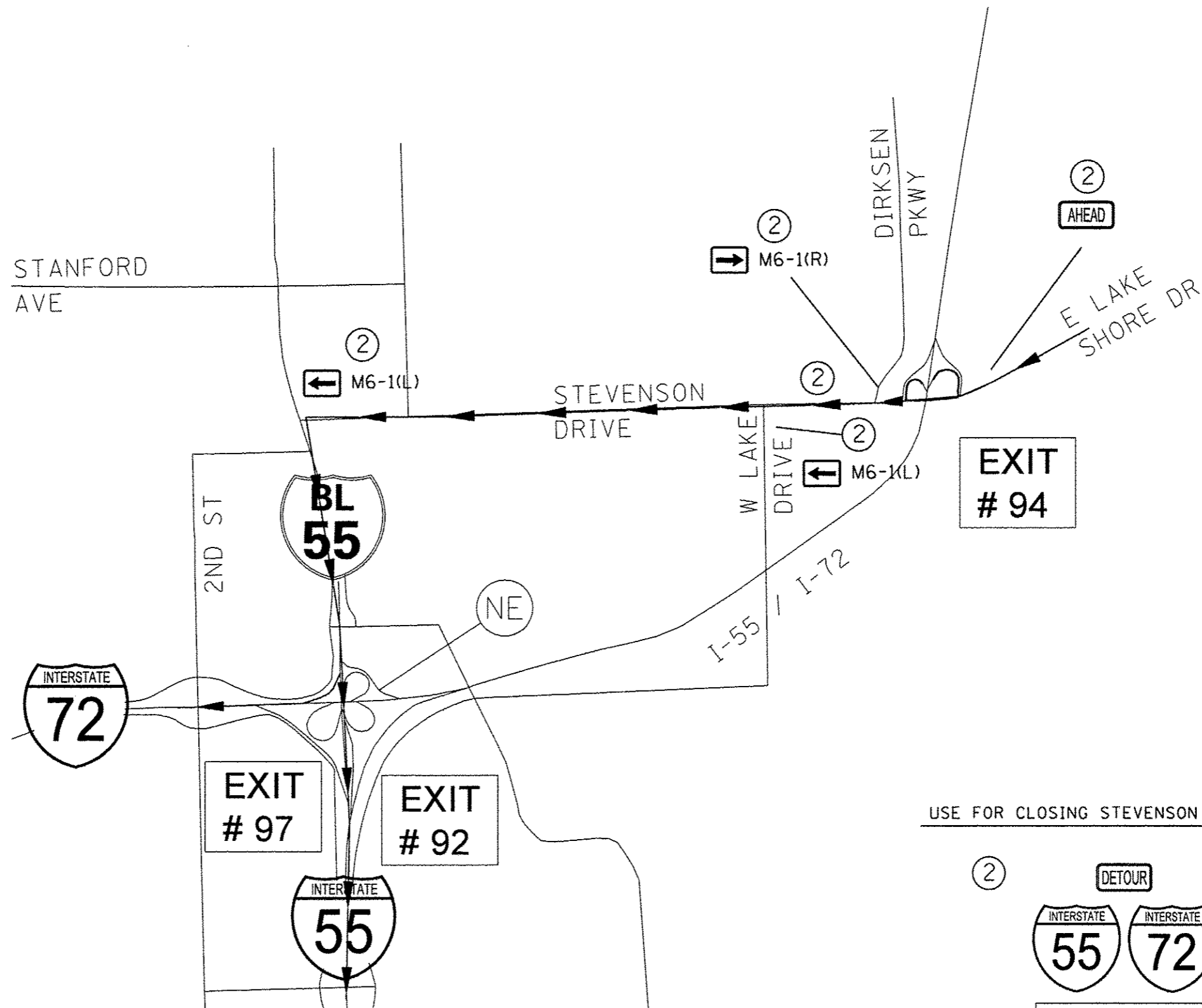
INTERSTATE

72


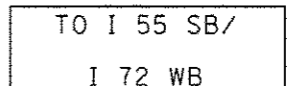
 M1-1 (48X48)
- ① TO STEVENSON DR/
E. LAKE SHORE DR ORANGE/BLACK (48X24)
(3 inch letters)

FILE NAME :	USER NAME : sperksg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

WB STEVENSON/E. LAKE SHORE DR TO I-55 SB/I-72 WB

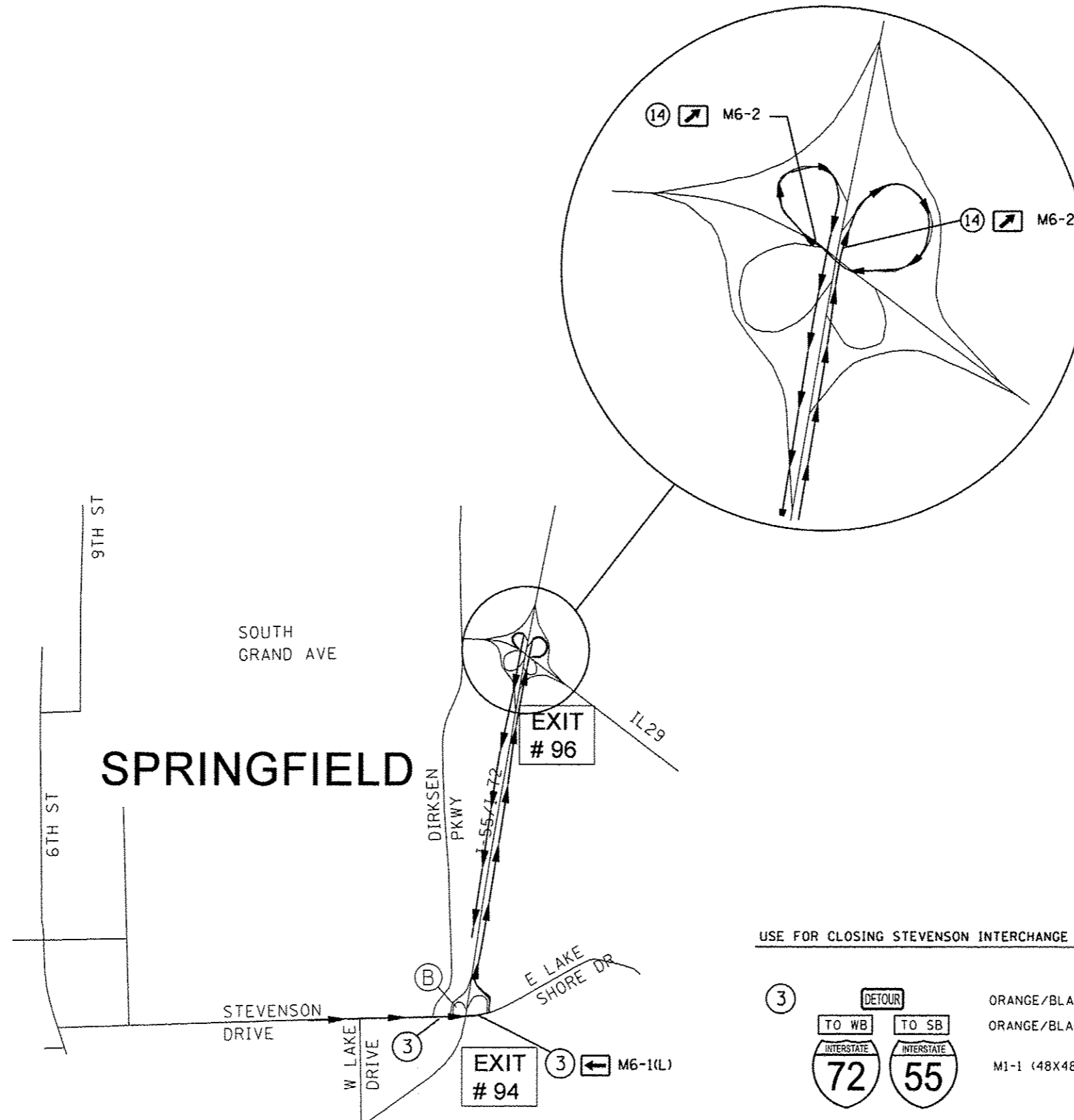


USE FOR CLOSING STEVENSON DR INTERCHANGE LOOP B

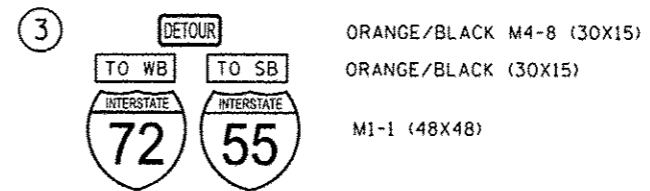
- ② **DETOUR** ORANGE/BLACK M4-8 (30X15)
-  M1-1 (48X48)
-  ORANGE/BLACK (48X24)
(3 inch letters)

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Default	PLOT DATE = Oct-17-2013 09:57:34AM	DATE -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 72F90 ILLINOIS FED. AID PROJECT					

STEVENSON DR / EAST LAKE SHORE DR TO SB I-55



USE FOR CLOSING STEVENSON INTERCHANGE RAMP B



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING PLAN			
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-3)1-4	SANGAMON	56	35
CONTRACT NO. 72F90			ILLINOIS FED. AID PROJECT	

STORM WATER POLLUTION PREVENTION PLAN

Route: FAI 55 Marked: I-55
 Section: (84-3)I-4 Project No.: D-96-023-13
 County: Sangamon Contract No.: 72F90
 Starting Station: 153+41.80 (Longitude: 89°36' Latitude: 39°45')
 Ending Station: 207+50.00 (Longitude: 89°36' Latitude: 39°46')

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 _____ issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Roger L. Smiskell
 (Signature)
 Regional Engineer
 (Title)

10/18/13
 (Date)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project consists of adding acceleration/deceleration lanes on I55 at the Stevenson Dr/East Lake Shore Dr interchange.
2. Construction consists of clearing, pavement removal, grading, construction of lanes, HMA pavement, widening, HMA resurfacing, placing aggregate shoulders and other miscellaneous work to complete improvements to the proposed roadway.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Fence removal and Clearing (Special) will be completed to prior to construction of new lanes.
2. Placement, maintenance, removal and proper clean-up of temporary erosion control items as needed.
3. Pavement removal, excavation will be completed along the entire length of the proposed lanes.
4. The proposed new slopes will be built up to subgrade level.
5. Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be approx. 11.3 acres in which 1.2 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

1. Lake Springfield

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	PLOT DATE * Oct-16-2013 11:28:52AM	DATE - APRIL 5, 1999	REVISED - MAY 2012 (JPM)								
			REVISED -								

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
 - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion and Sediment Control".
 - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion and Sediment Control".
 - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporary seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Temporary divert water around proposed culvert locations
 - v. Build necessary embankment at culvert locations and then excavate and place culvert
 - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion and Sediment Control".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) Qualified Personnel shall inspect the project at least every seven days and within 24 hours of the end of a storm that is 0.5 inch or greater as noted in BDE 2342.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the various temporary erosion control pay items. No additional additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Churchill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

FILE NAME #	USER NAME # sparksgw	DESIGNED -	REVISED - AUG 2007 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE # Oct-17-2013 09:57:37AM	DATE - APRIL 5, 1999	REVISED -			SCALE:	SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT		

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, Issued by the Illinois Environmental Protection Agency on _____.

Route: FAI 55 Marked: I-55
 Section: 84-3)I-4 Project No.: _____
 County: Sangamon Contract No.: 72F90

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

In addition, I have read and understand all of the information and requirements stated in the SWPPP for the above mentioned project; I have received copies of all appropriate maintenance procedures; and, I have provided all documentation required to be in compliance with the Permit ILR10 and SWPPP and will provide timely updates to these documents as necessary.

Signature _____ Date _____
 Title _____
 Name of Firm _____ Contractor
 Street Address _____ Subcontractor
 City, State, Zip _____
 Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

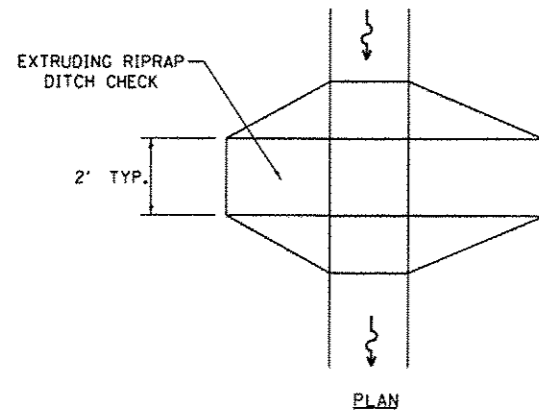
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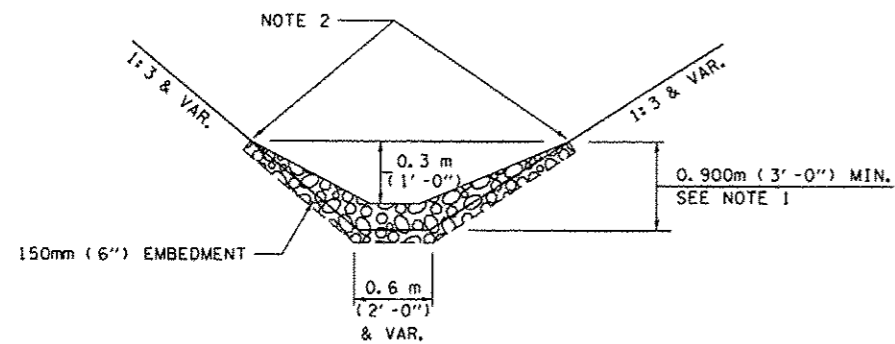
STORM WATER POLLUTION
PREVENTION PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

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CONTRACT NO. 72F90				
ILLINOIS FED. AID PROJECT				



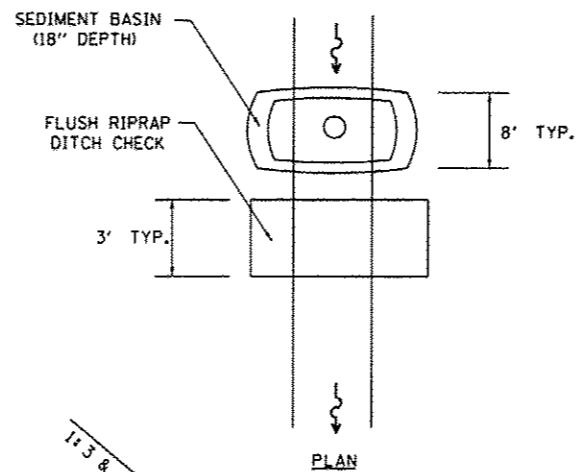
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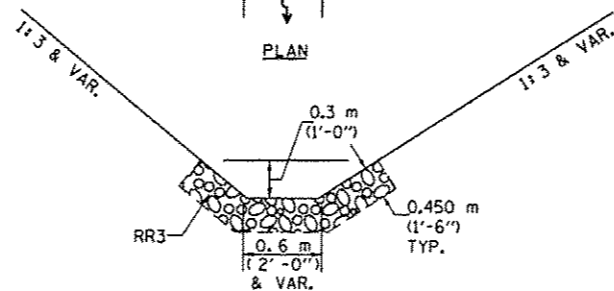
ELEVATION

OPTION 1

(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS
W/ RIPRAP DITCH LINING



PLAN



ELEVATION

OPTION 2

(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS
W/O RIPRAP DITCH LINING

STONE DUMPED RIPRAP DITCH CHECK

OPTIONS 1 & 2 OR
AS DIRECTED BY THE ENGINEER

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE DITCH CHECKS	
INLET PIPE PROTECTION	
PERIMETER EROSION BARRIER	
SEDIMENT BASINS	
EARTH EXCAVATION FOR EROSION CONTROL AGGREGATE (EROSION CONTROL)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	
DIRECTION OF OVERLAND FLOW	

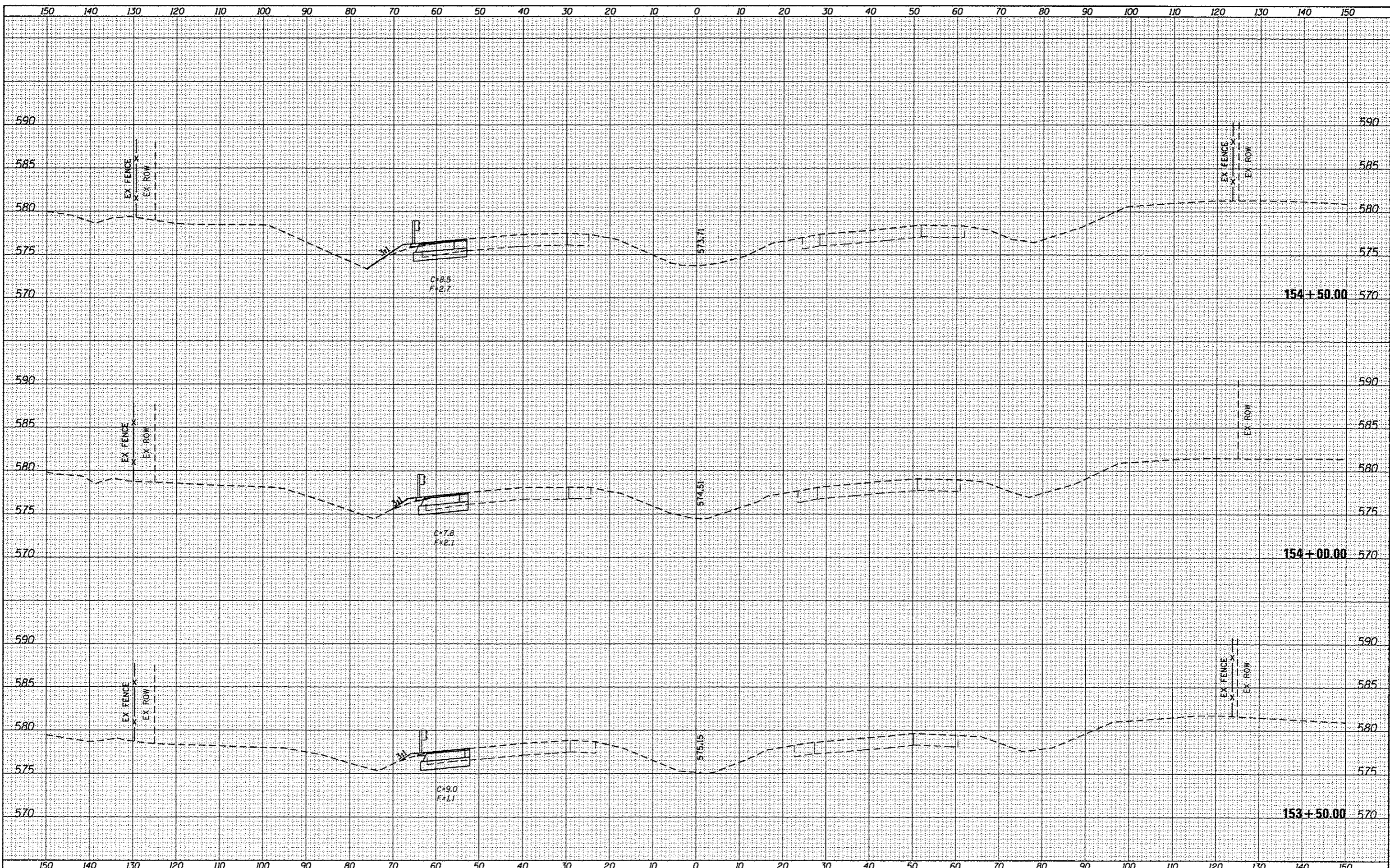
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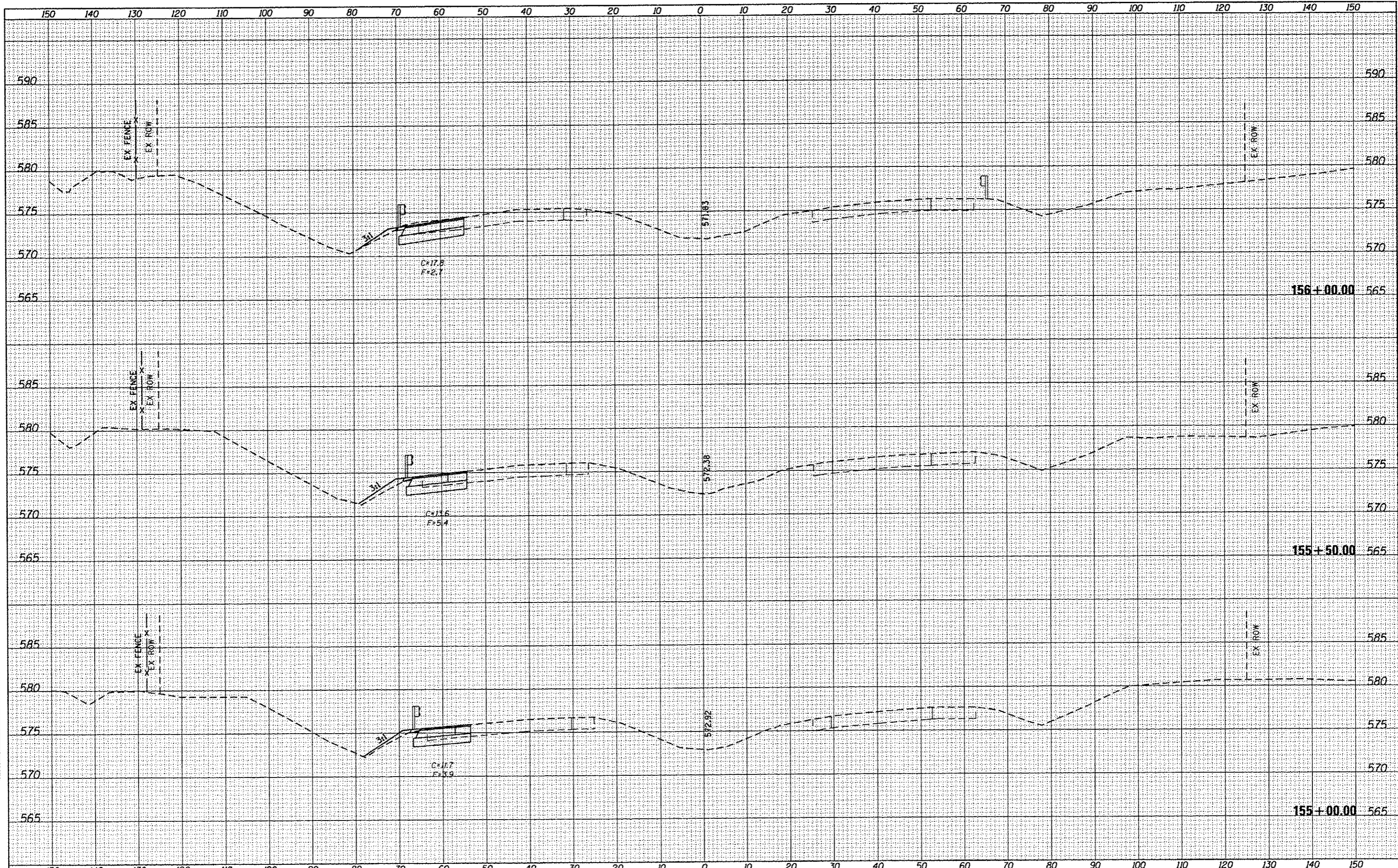
All Items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

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CONTRACT NO. 72F90	DRAWN - CADD	REVISED - OCT 2010 (JCN)	SCALE:			SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
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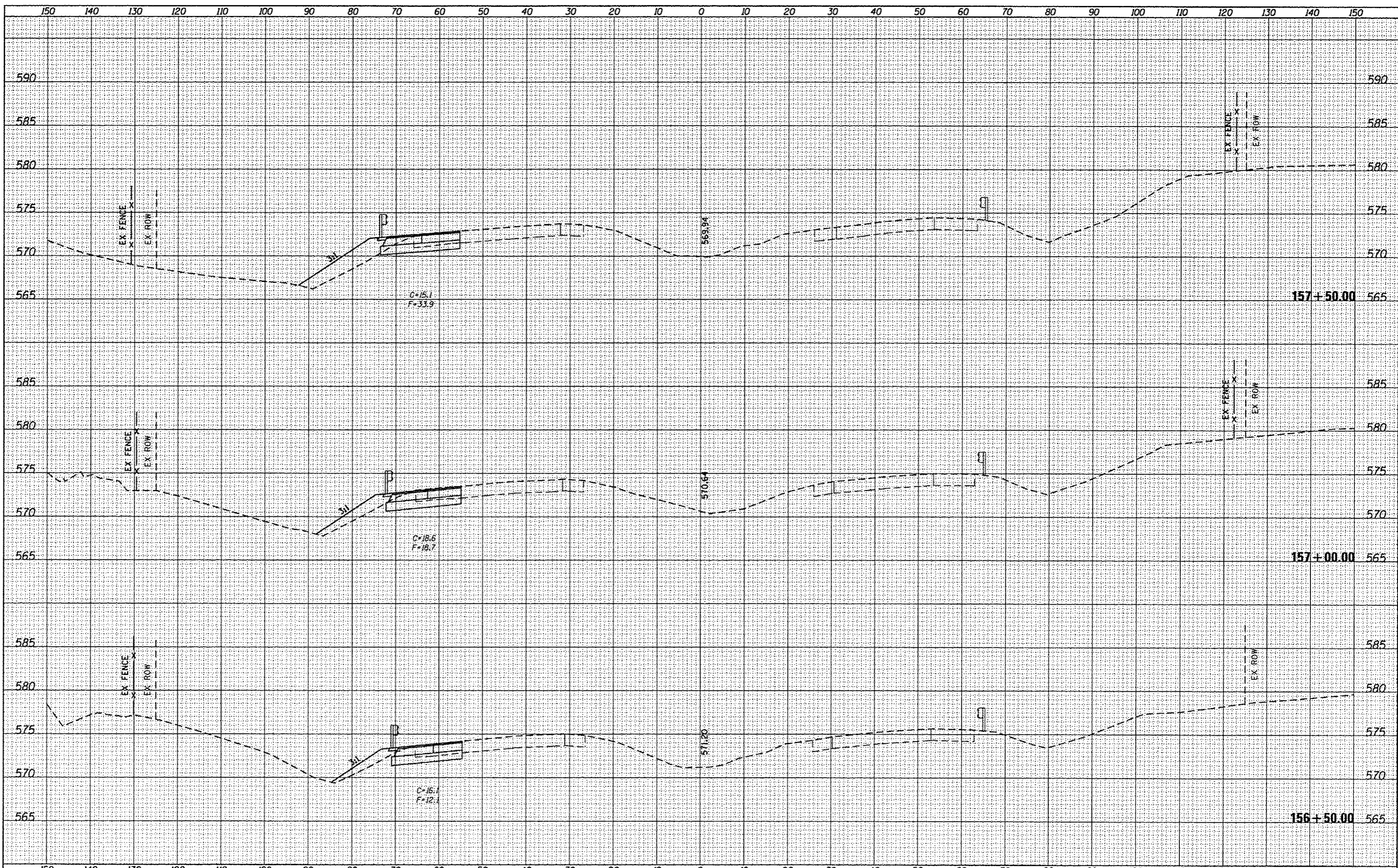
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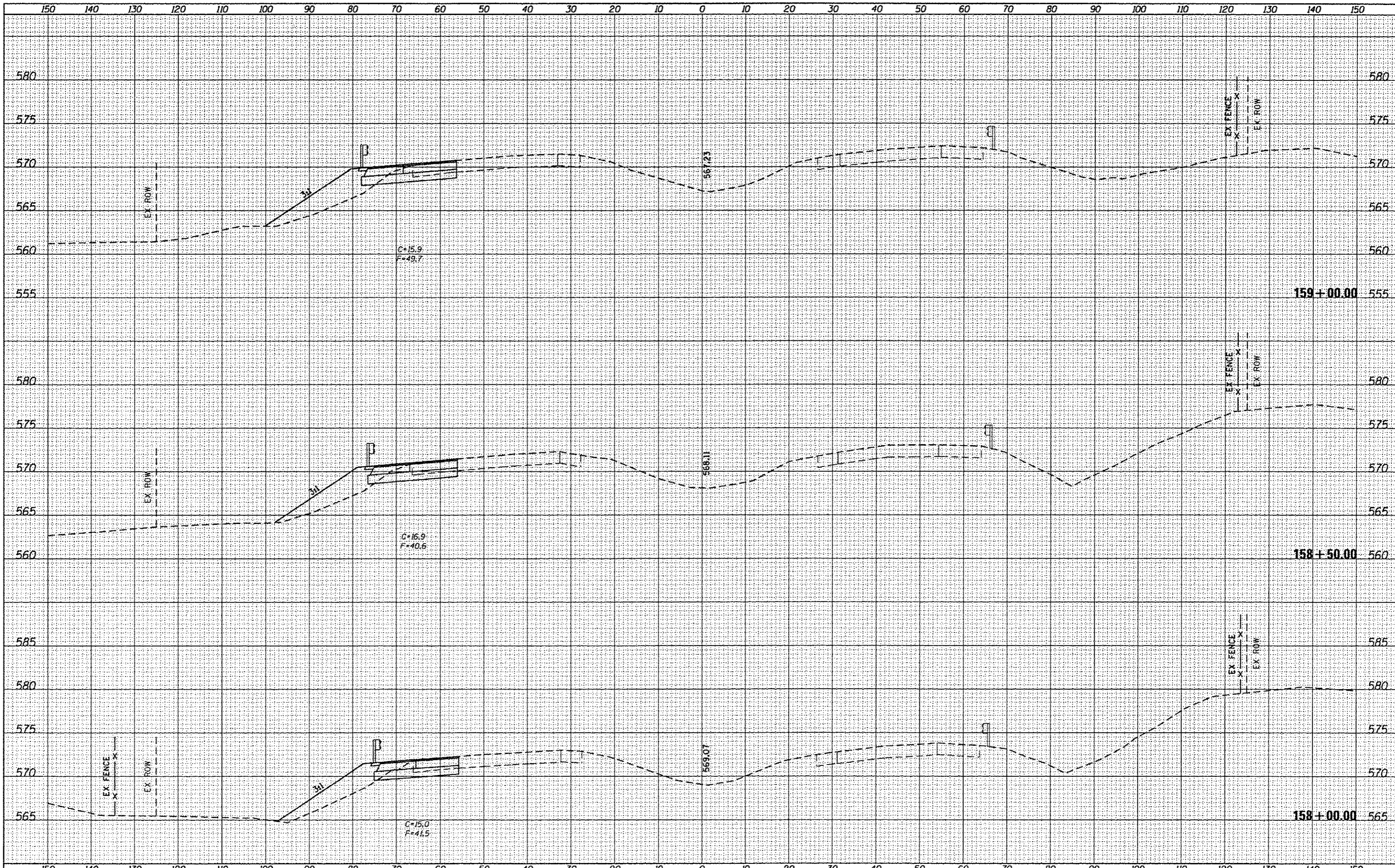
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-55 CROSS SECTIONS

SCALE: SHEET 3 OF 16 SHEETS STA. 156+50.00 TO STA. 157+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-31)-4	SANGAMON	56	42

CONTRACT NO. 72F90
 ILLINOIS/FED. AID PROJECT



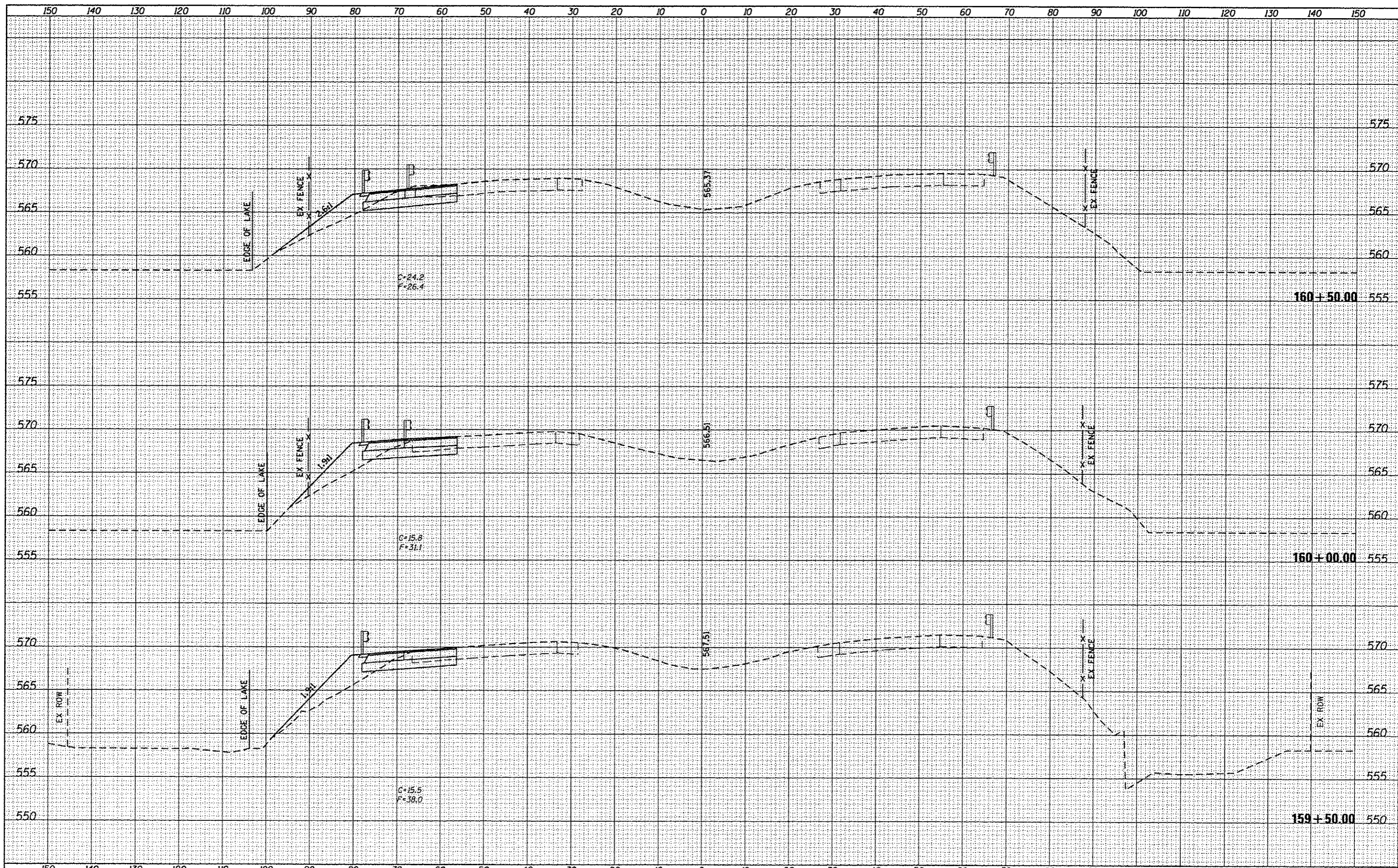
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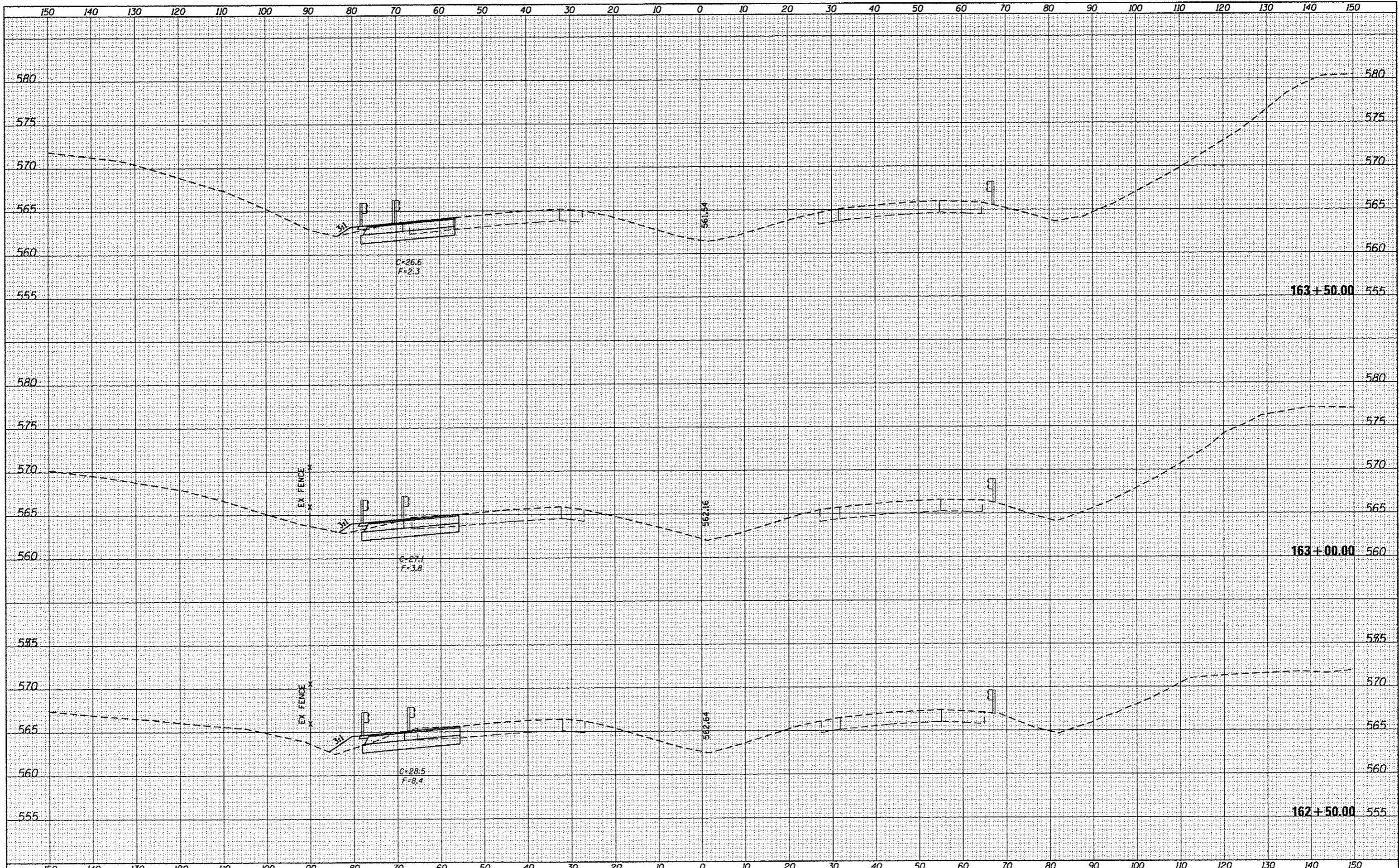
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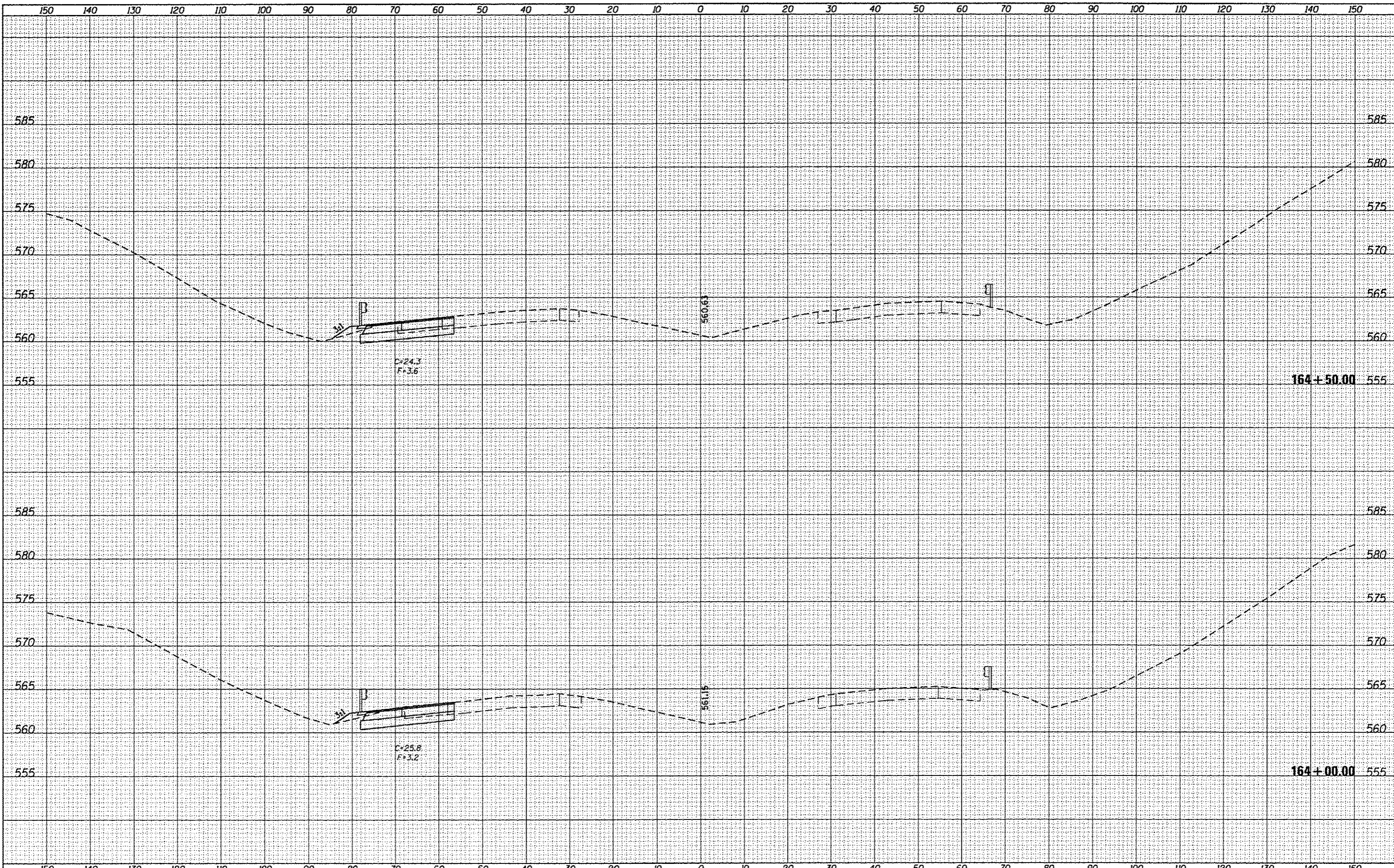
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-55 CROSS SECTIONS

SCALE: SHEET 7 OF 16 SHEETS STA. 162+50.00 TO STA. 163+50.00

F.A.I. RTE. 55	SECTION (84-31)-4	COUNTY SANGAMON	TOTAL SHEETS 56	SHEET NO. 46
CONTRACT NO. 72F90				ILLINOIS FED. AID PROJECT



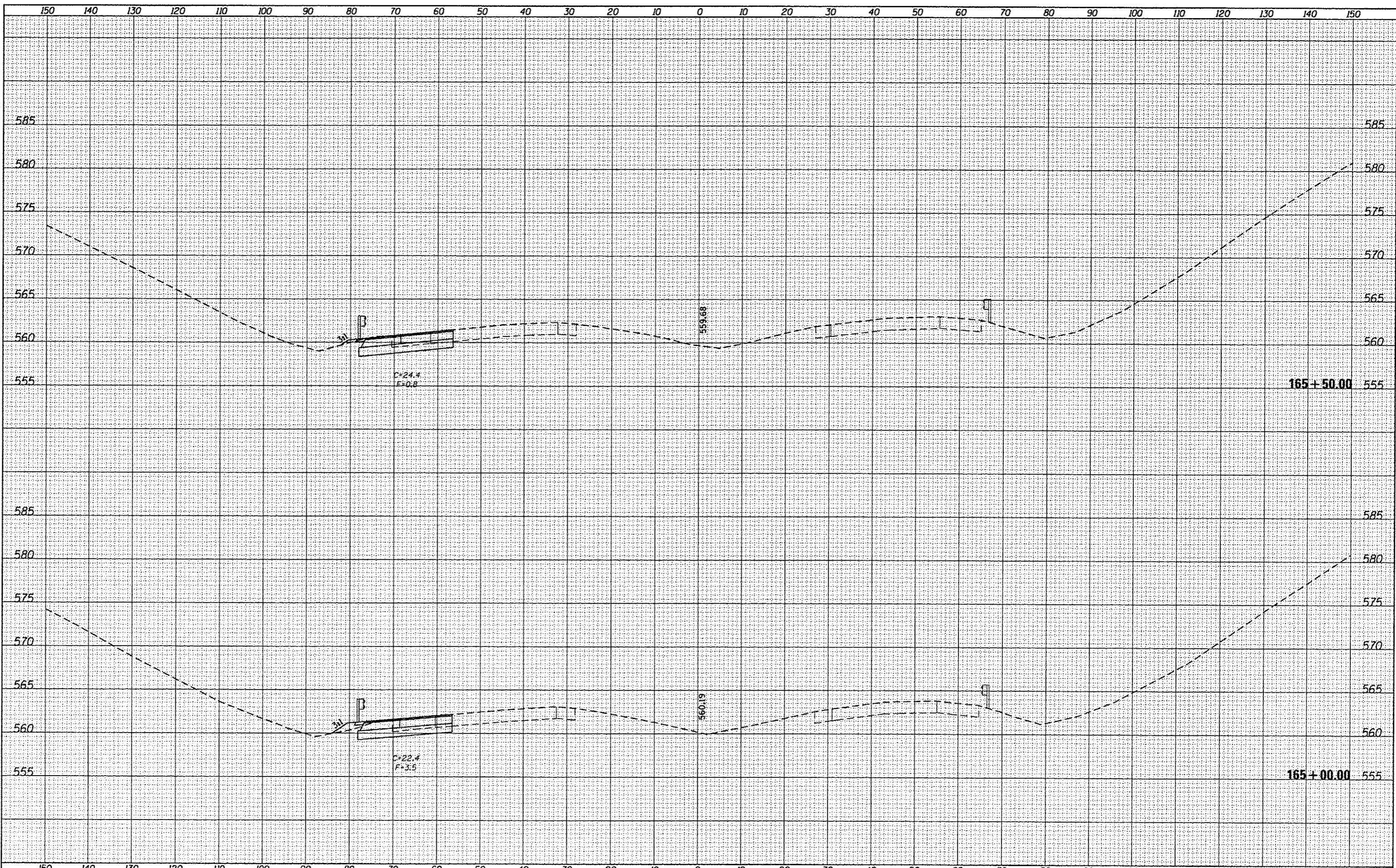
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	PLOT DATE = Oct-17-2013 09:57:45AM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:						SHEET OF 16 SHEETS		STA. 164+00.00 TO STA. 164+50.00		

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	
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SURVEYED	
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USER NAME : sporkagu
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

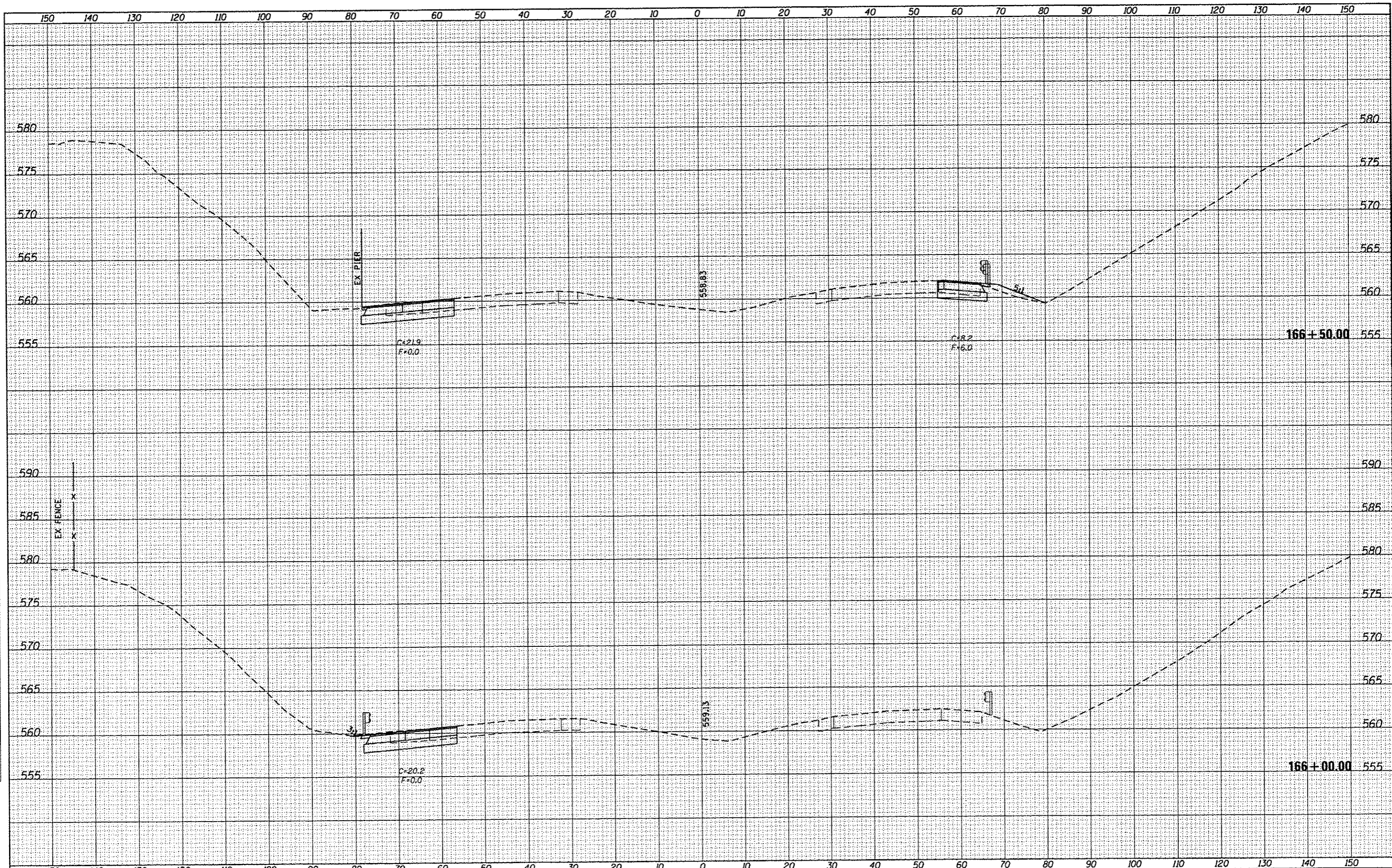
I-55 CROSS SECTIONS

SCALE: SHEET 9 OF 16 SHEETS STA. 165+00.00 TO STA. 165+50.00

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-311-4	SANGAMON	56	48
CONTRACT NO. 72F90			ILLINOIS FED. AID PROJECT	

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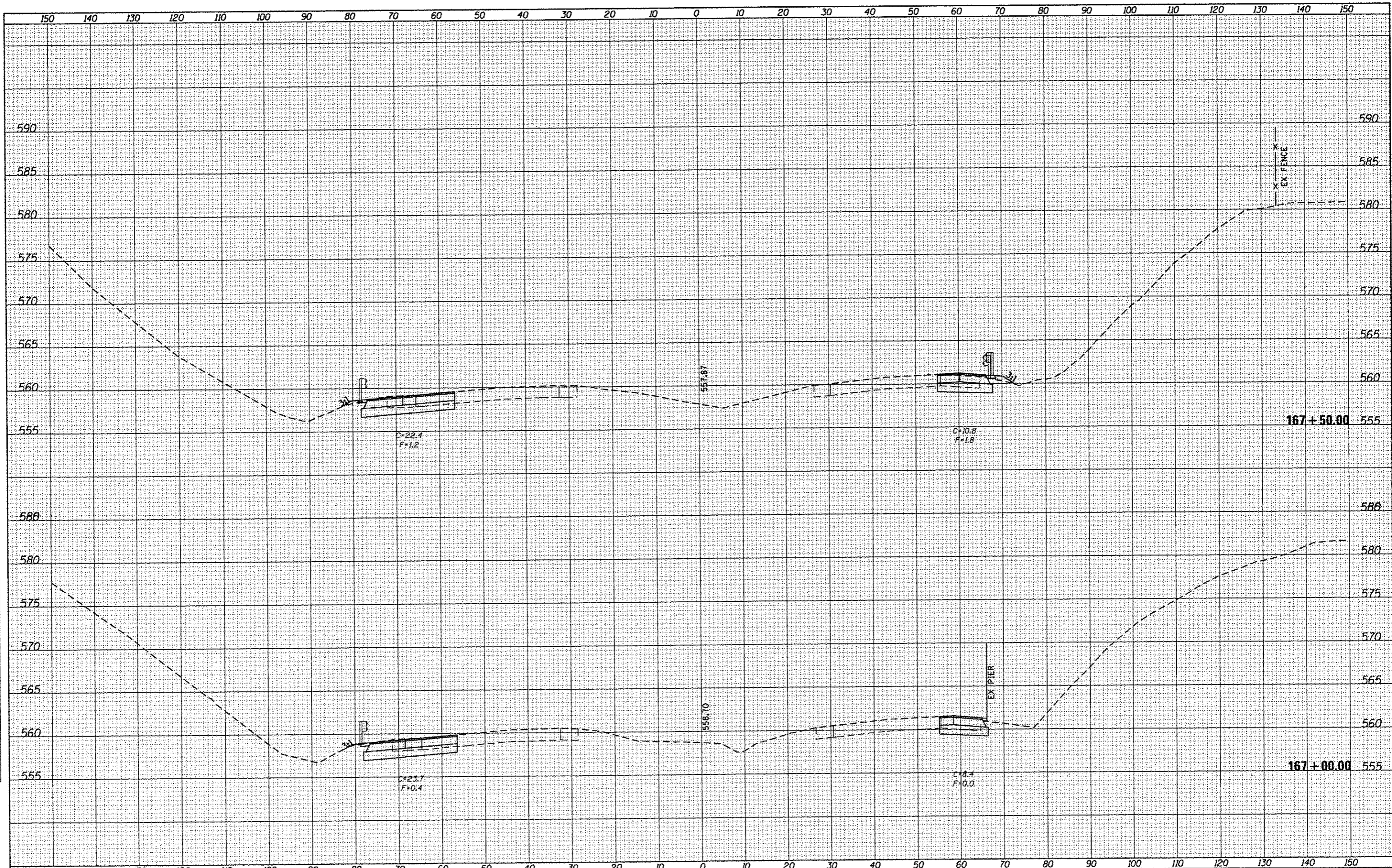
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ORIGINAL SURVEY	
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NOTE BOOK	
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FILE NAME :	USER NAME : sparkgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 CROSS SECTIONS		F.A.I. R.T.E. 55 SECTION (84-3)1-4 COUNTY SANGAMON TOTAL SHEETS 56 SHEET NO. 49 CONTRACT NO. 72F90 [ILLINOIS] FED. AID PROJECT	
c:\pwork\pvidot\sparkgw\0326237\0672F90-01-xsh1.dgn		DRAWN -	REVISED -		SCALE:	SHEET 10 OF 16 SHEETS		STA. 166+00.00 TO STA. 166+50.00
PLOT SCALE = 20.0000' / in.		CHECKED -	REVISED -					
PLOT DATE = Oct-17-2013 09:57:46AM		DATE -	REVISED -					

DATE	
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SAVED SURVEY	
NOTE BOOK	
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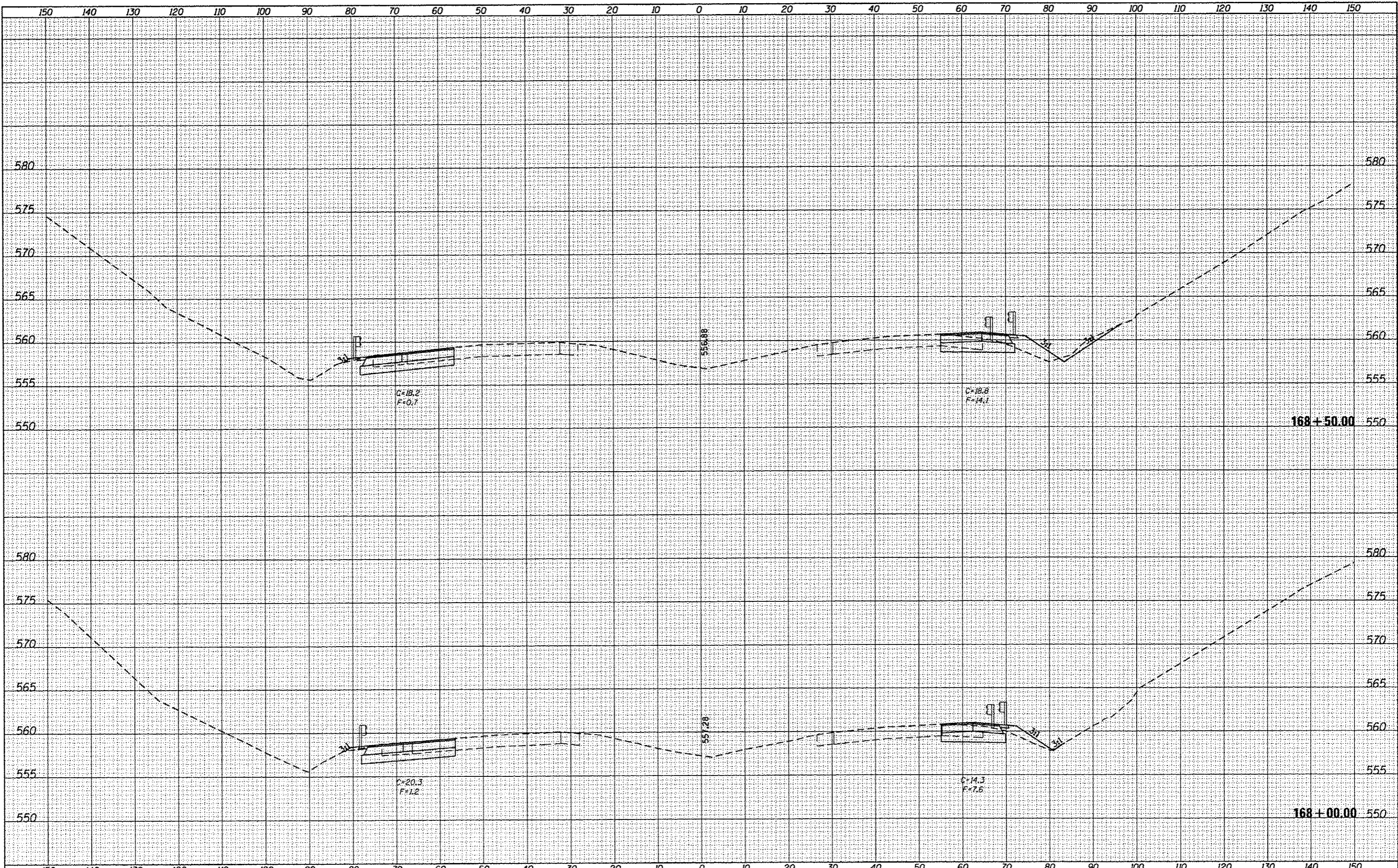
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BY	
ORIGINAL SURVEY	
SAVED SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = sporksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 CROSS SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\sporksgw\0326237\0672F90-wt-xash.dgn		DRAWN -	REVISED -		55	(84-3)1-4	SANGAMON	56	50		
PLOT SCALE = 20.0000' / 1" .		CHECKED -	REVISED -		CONTRACT NO. 72F90						
PLOT DATE = Oct-17-2013 09:57:46AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						
Default				SCALE:	SHEET 11 OF 16 SHEETS	STA. 167+00.00 TO STA. 167+50.00					

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
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DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
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USER NAME : spkagw
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 PLOT SCALE = 28.0000 / in.
 CHECKED -
 PLOT DATE = Oct-17-2013 09:57:47AM

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

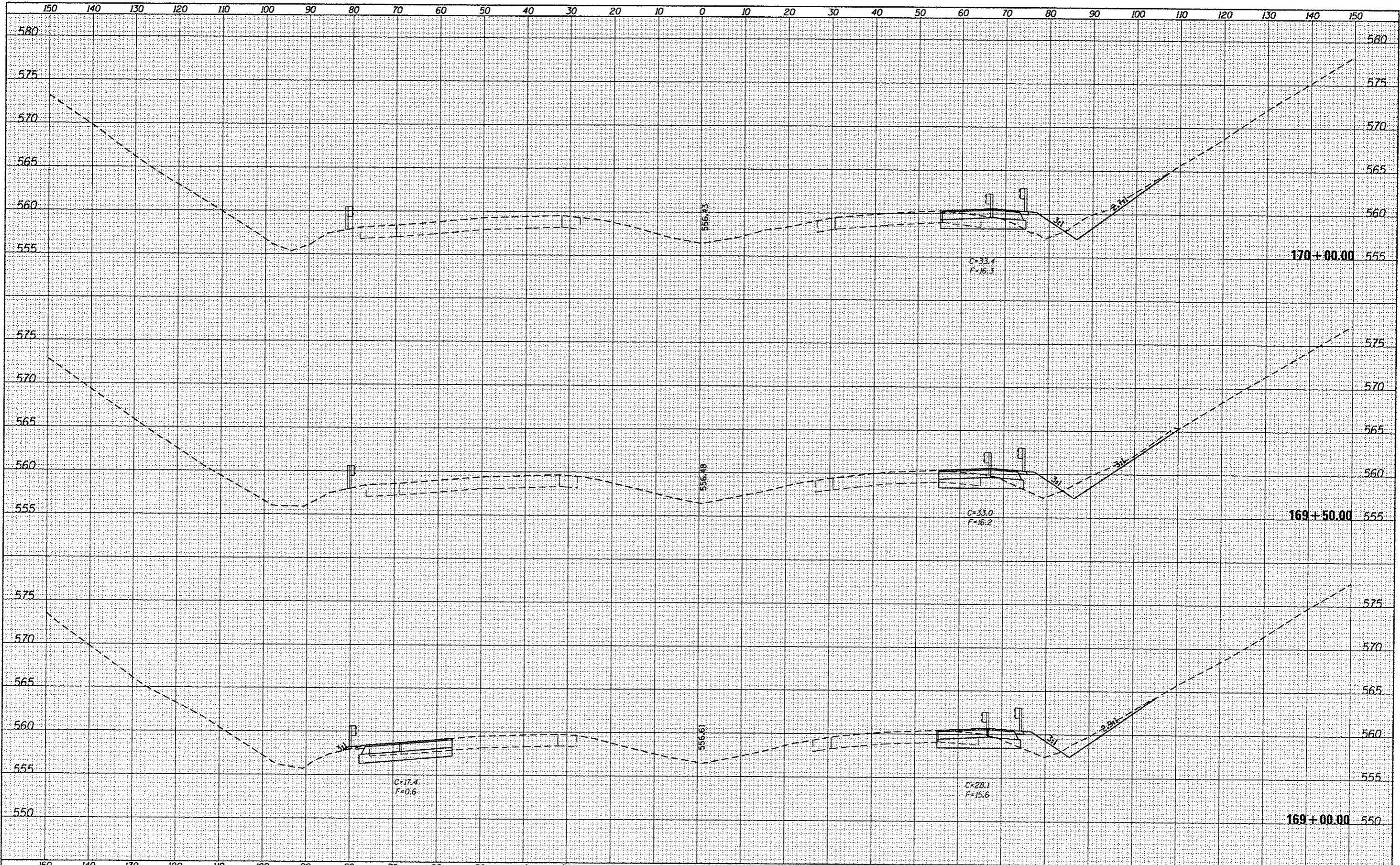
I-55 CROSS SECTIONS

SCALE: SHEET 12 OF 16 SHEETS STA. 168+00.00 TO STA. 168+50.00

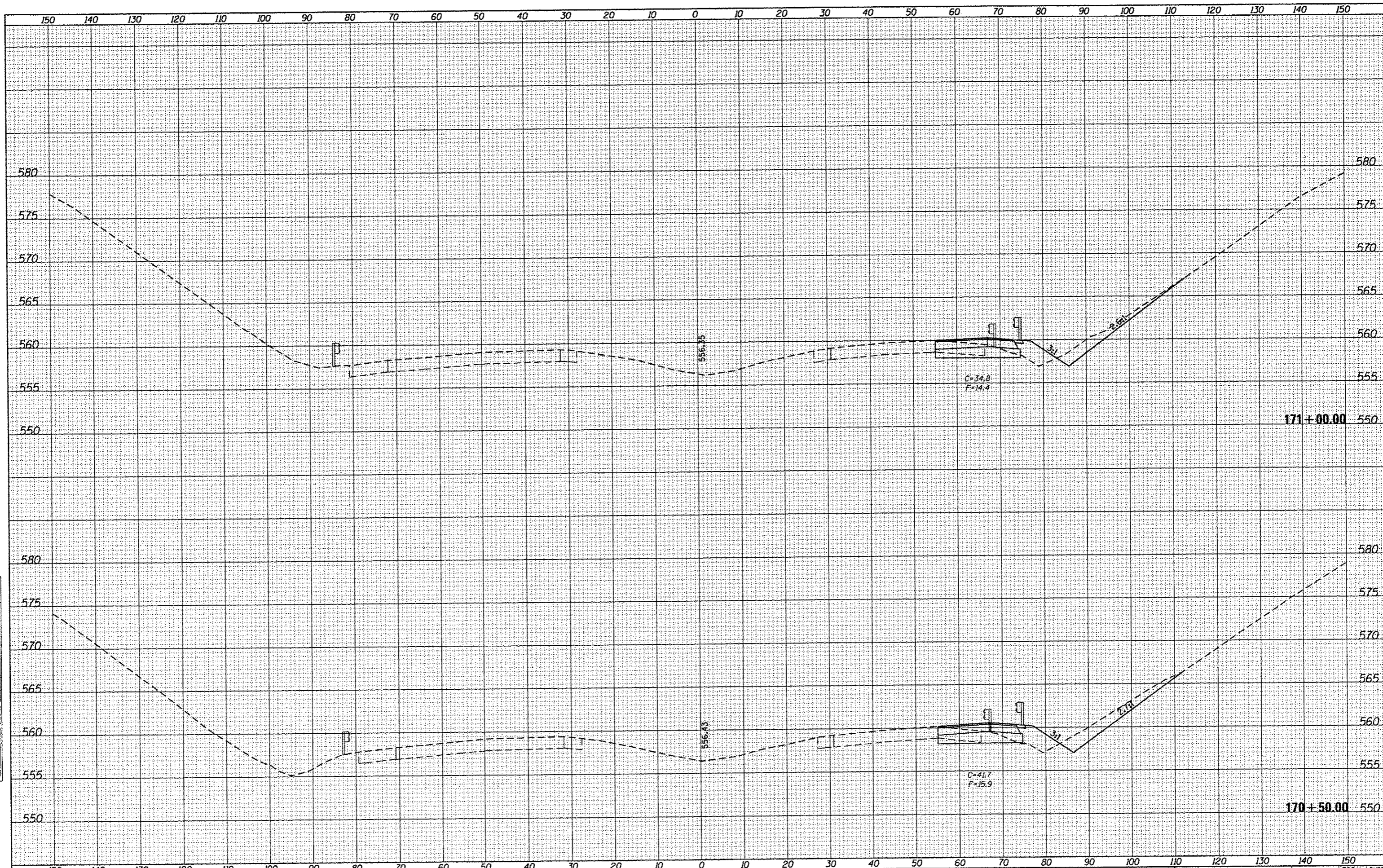
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-3)I-4	SANGAMON	56	51
				CONTRACT NO. 72F90
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK	
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ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK	
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Default	PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -						55	(84-3)1-4	SANGAMON	56	52
	PLOT DATE = Oct-17-2013 09:57:47AM	CHECKED -	REVISED -		SCALE: SHEET 13 OF 16 SHEETS STA. 169+00.00 TO STA. 170+00.00				CONTRACT NO. 72F90				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



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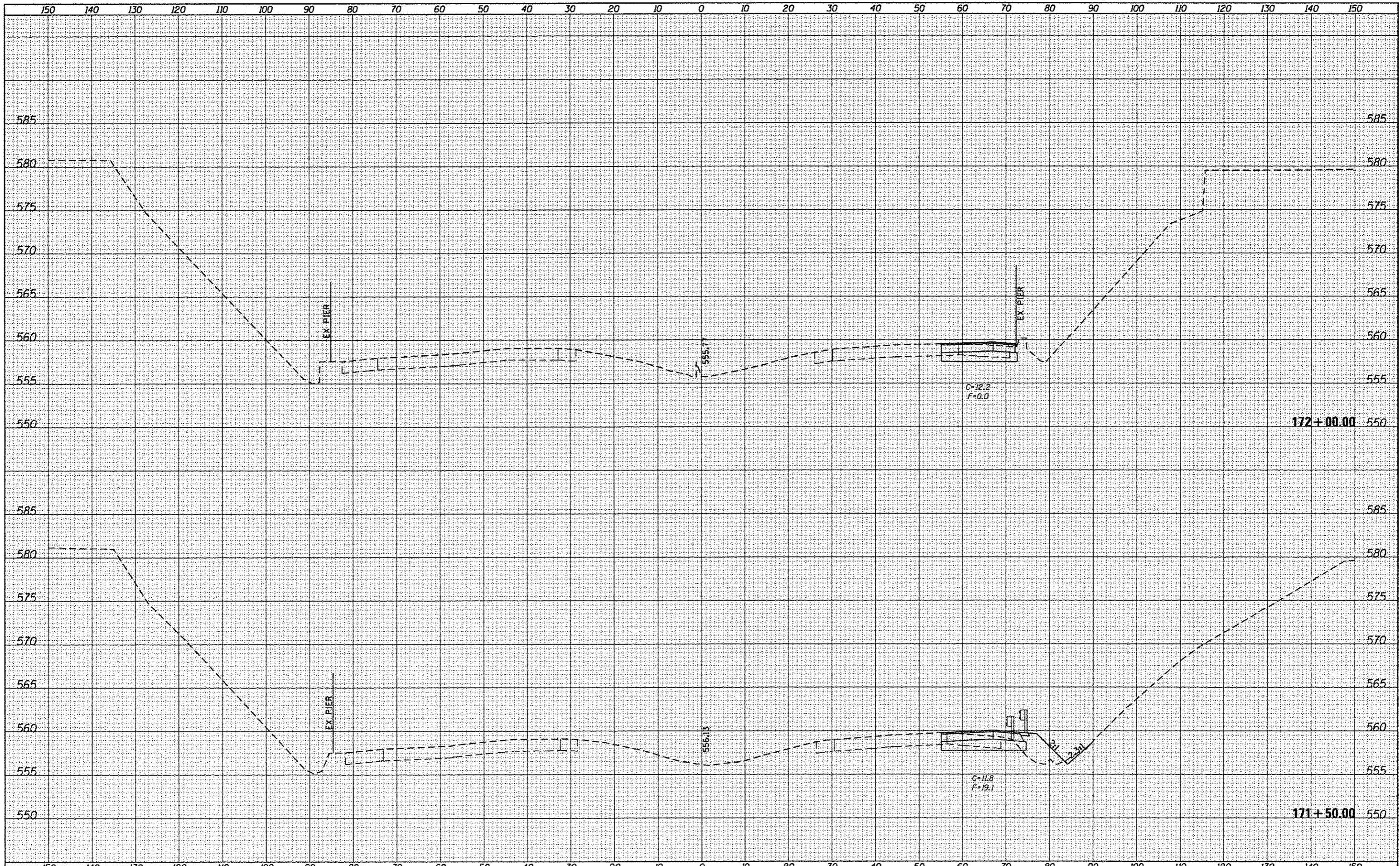
DATE	
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	PLOT DATE = Oct-17-2010 09:57:14AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-55 CROSS SECTIONS	
SCALE:	SHEET 14 OF 16 SHEETS STA. 170+50.00 TO STA. 171+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-3)1-4	SANGAMON	56	53
CONTRACT NO. 72F90				
ILLINOIS FED. AID PROJECT				



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FILE NAME :
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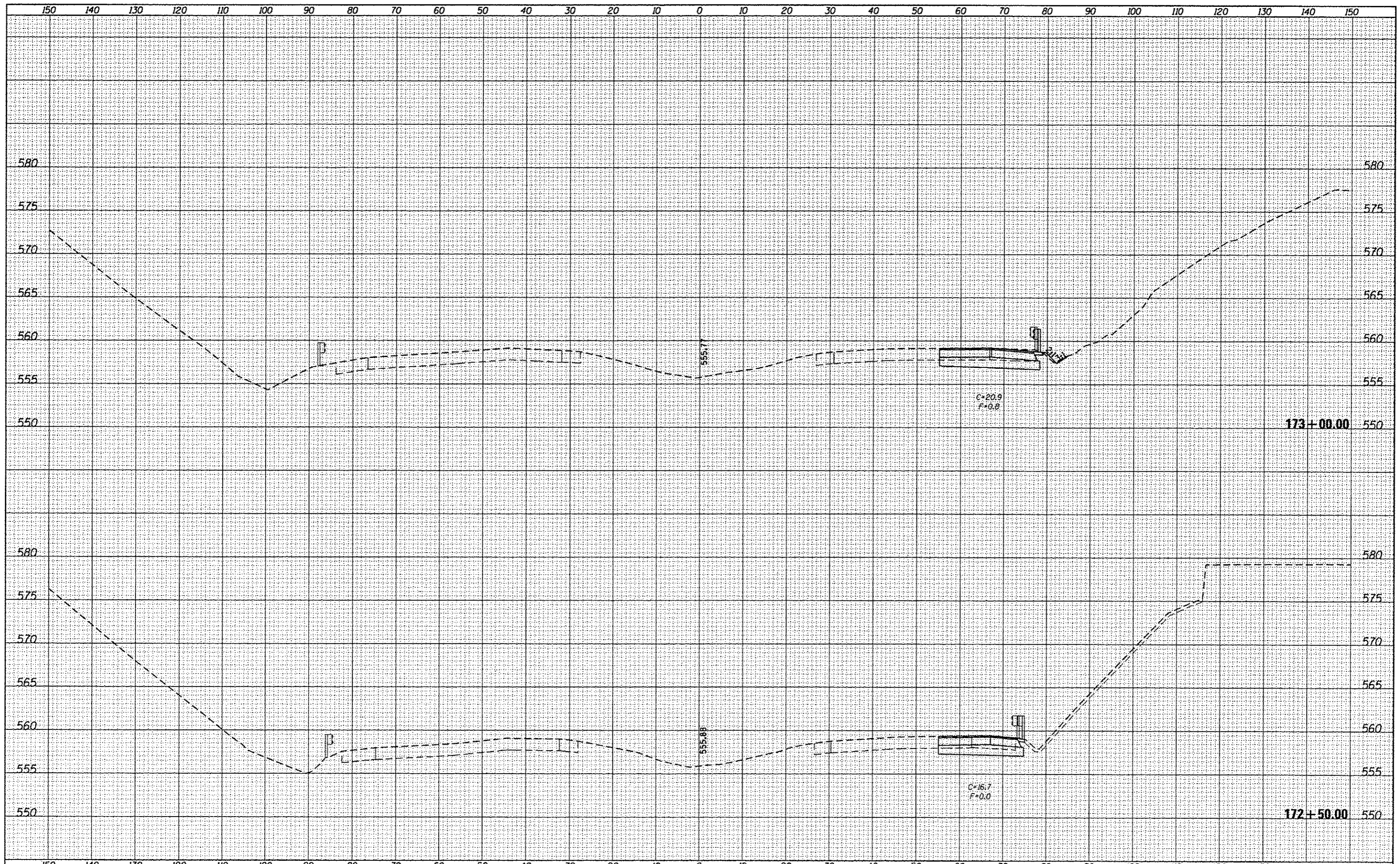
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-55 CROSS SECTIONS
 SCALE: SHEET 15 OF 16 SHEETS STA. 171+50.00 TO STA. 172+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-3)1-4	SANGAMON	56	54
CONTRACT NO. 72F90			ILLINOIS FED. AID PROJECT	



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FILE NAME :
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 PLOT DATE : Oct-17-2013 09:57:40AM

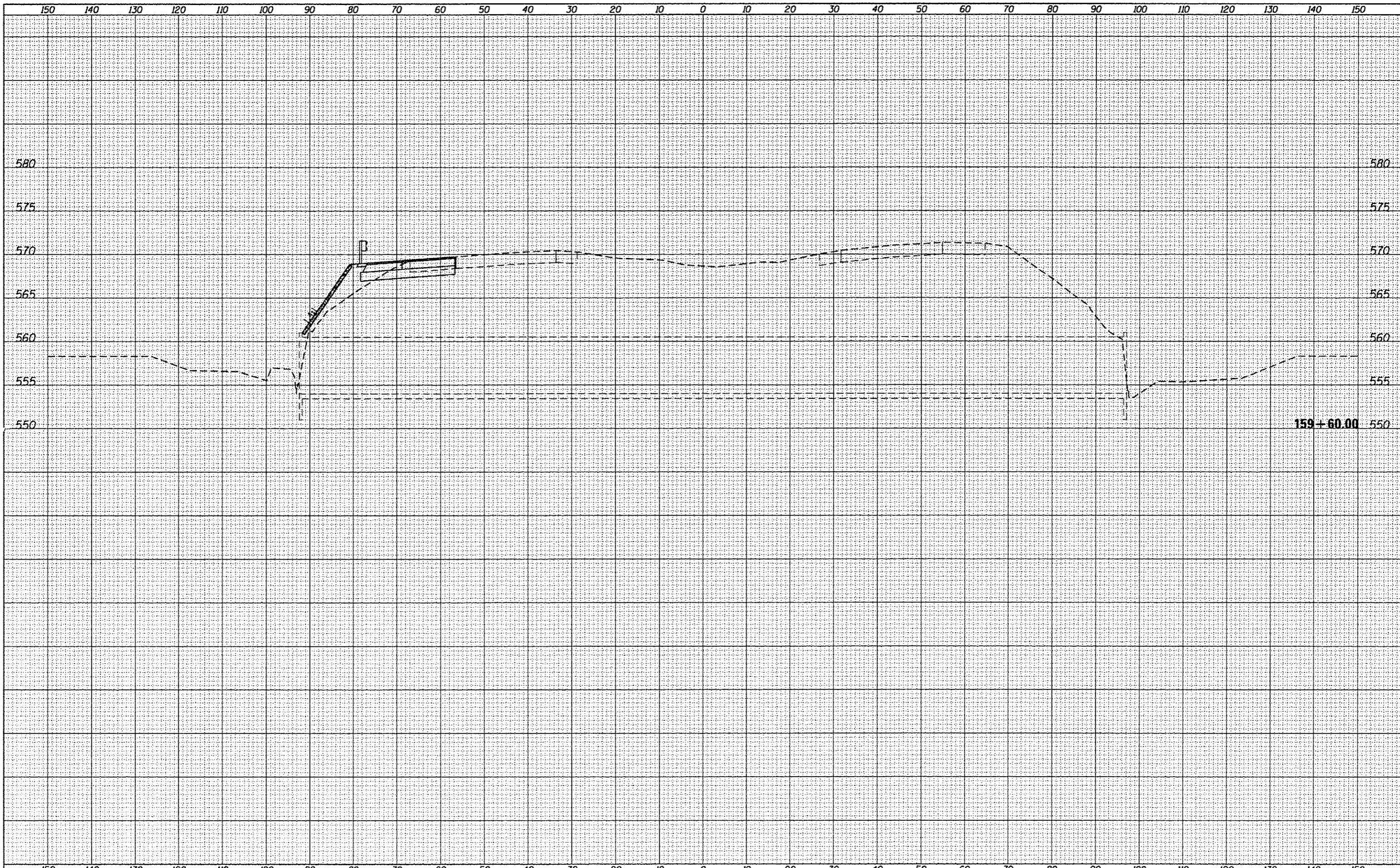
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-55 CROSS SECTIONS
 SCALE: SHEET 16 OF 16 SHEETS STA. 172+50.00 TO STA. 173+00.00

P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-31)-4	SANGAMON	56	55
CONTRACT NO. 72F90				
ILLINOIS FED. AID PROJECT				



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FINAL SURVEY	
NOTE BOOK	

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AREAS CHECKED	
NO.	
ORIGINAL SURVEY	
NOTE BOOK	