

06-14-13 LETTING ITEM 161

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 55 (I-55)  
SECTION 68-2WS-2  
LITCHFIELD WEIGH STATION RECONSTRUCTION

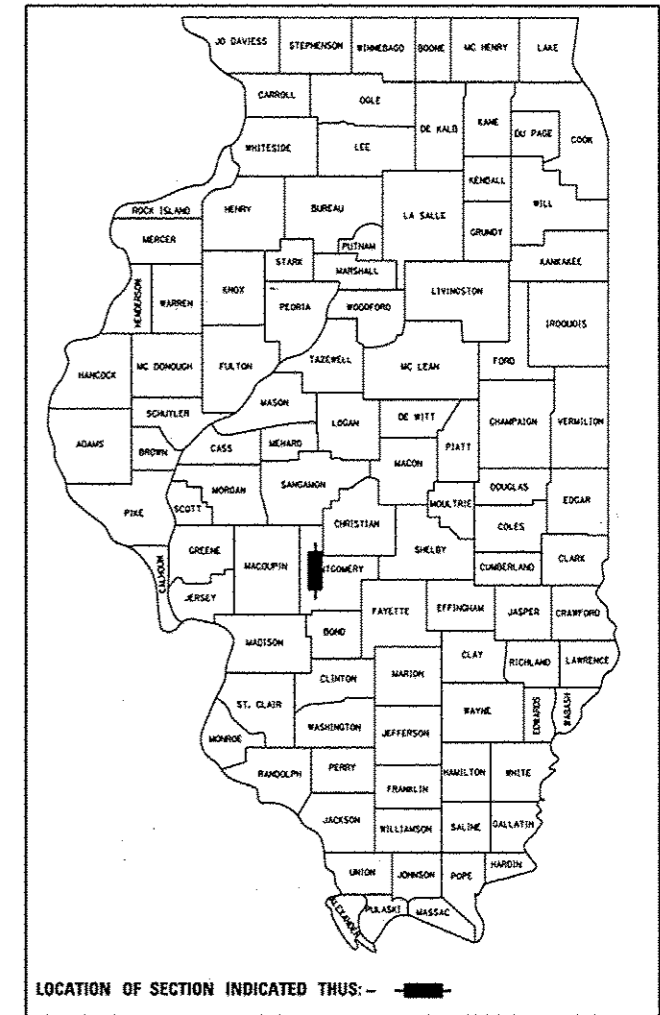
MONTGOMERY COUNTY

C-96-525-03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	1
		ILLINOIS	CONTRACT NO. 72505	

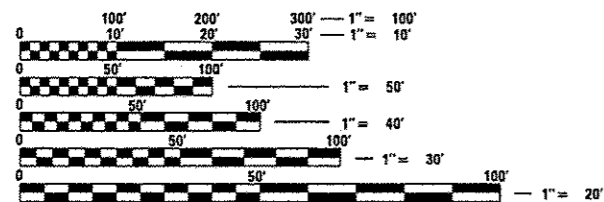
124 + 11 = 135

D-96-517-01



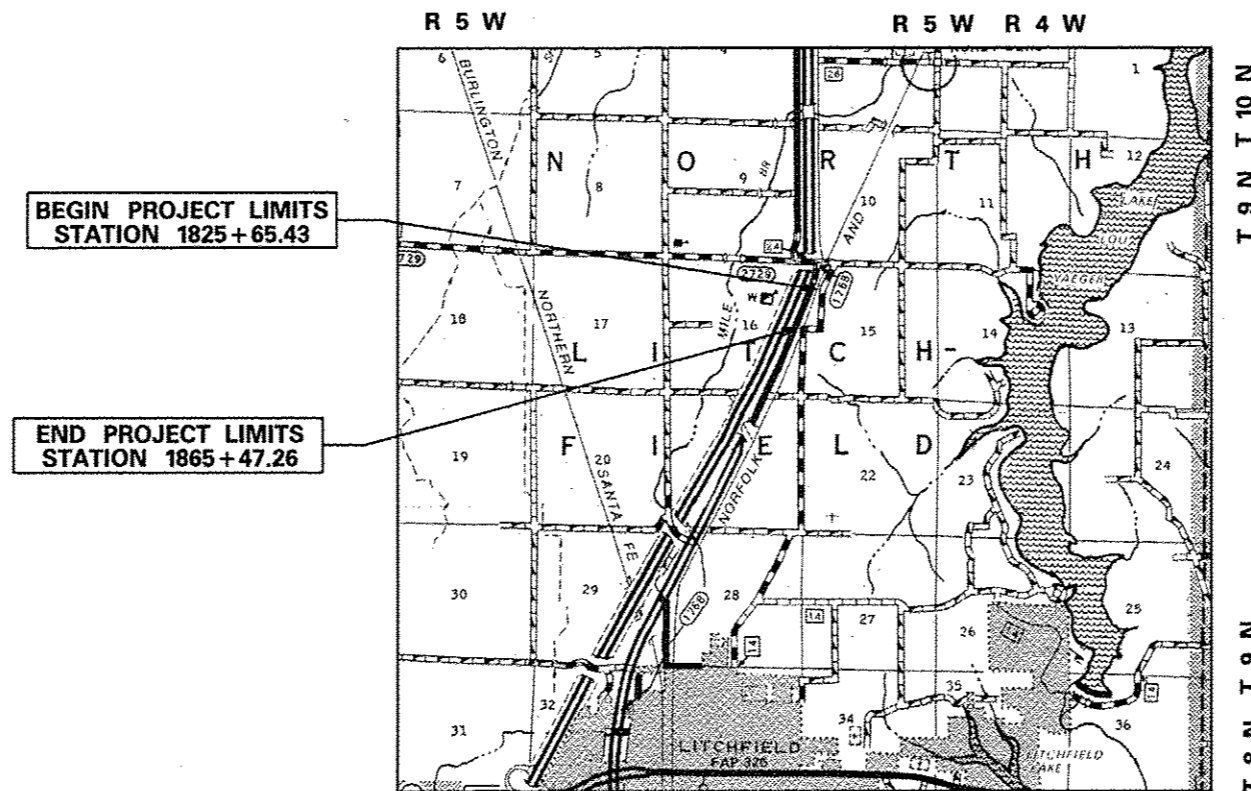
FOR INDEX OF SHEETS, SEE SHEET NO. 2

**I-55 ADT**  
23,000 (2011)  
PV = 69.91%  
SU = 4.55%  
MU = 25.54%



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



BEGIN PROJECT LIMITS  
STATION 1825 + 65.43

END PROJECT LIMITS  
STATION 1865 + 47.26

PROJECT ENGINEER: VINCE MADONIA 217-785-9046  
SQUAD LEADER: JULIET SHOULTZ 217-785-2739

GROSS LENGTH = 3992.55 FT. = 0.76 MILE  
NET LENGTH = 3992.55 FT. = 0.76 MILE

CONTRACT NO. 72505

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED April 12 20 13  
Roy Z. Oskier  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10 20 13  
John D. Baranzelli, PE, PE  
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 20 13  
Omer Osman, P.E., PE  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3-8	SUMMARY OF QUANTITIES
9-11	SCHEDULE OF QUANTITIES
12-15A	TYPICAL SECTIONS
16	ALIGNMENTS & GEOMETRICS
17	SURVEY CONTROL POINTS AND BENCHMARKS
18-19	ALIGNMENT TIES
20	ALIGNMENT DATA TABLES
21-34	PLAN AND PROFILE SHEETS
35-41	REMOVAL SHEETS
42-46	PAVEMENT JOINTING
47-53	ELEVATION DETAILS
54-58	PAVEMENT MARKING SHEETS
59-61	TRAFFIC CONTROL DETAILS
62-65	STORM WATER POLLUTION PREVENTION PLAN
66-72	EROSION & SEDIMENT CONTROL PLAN
73-79	DRAINAGE DETAILS
80-88	LIGHTING DETAILS
88A-88F	LIGHTING DETAILS
* 89-100B	WEIGH IN MOTION DETAILS
101-108	OVERHEAD SIGN
109-124	CROSS SECTIONS

\* INCLUDES 89A.

**STANDARDS**

000001-06	701101-03
280001-07	701106-02
420001-07	701400-06
420101-04	701401-07
420306-06	701406-07
421001-02	701451-01
483001-04	701901-02
542301-03	720001-01
601001-04	720006-02
601101-01	720011-01
602401-03	728001-01
606001-05	780001-03
635001-01	814001-02
665001-02	836001-02
	830006-01

**GENERAL NOTES**

- ALL PROPOSED, EXISTING TO REMAIN, AND RELOCATED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- 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. THE VOIDS ON THE BOTTOM SIDE OF THE ALUMINUM POLE BASE MUST BE SEALED FROM RODENT ENTRY WITH STAINLESS STEEL SCREEN.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE APPLICABLE UNIT DUCT OR UNDERGROUND CONDUIT PAY ITEM.
- INSTALL HORIZONTAL MOUNT LUMINAIRES PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.
- ALL EXISTING LIGHTING SHALL REMAIN OPERATIONAL DURING NIGHTTIME HOURS WHENEVER THE WEIGH STATION IS OPEN TO TRAFFIC.
- NO POLE TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE INCREASED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL VERIFY THAT EXISTING LIGHT POLE BASES, BOLT SLOTS, AND ANCHOR BOLTS ARE COMPATIBLE WITH PROPOSED METAL FOUNDATIONS AND BREAKAWAY COUPLINGS, AS APPLICABLE.
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT SHALL BE SCHEDULE 80 AS NOTED IN THE PLANS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL BREAKAWAY COUPLINGS FOR ALL PROPOSED, RELOCATED, AND EXISTING LIGHTING UNITS TO REMAIN IN PLACE, WITH THE EXCEPTION OF LIGHTING UNITS 11, 12, AND 13 AS SHOWN ON THE PROPOSED LIGHTING PLANS. EXISTING BREAKAWAY COUPLINGS AND APPURTENANT HARDWARE SHALL BE DISPOSED OF ACCORDING TO ARTICLE 202.03, AND THE COST OF THIS WORK SHALL BE INCLUDED IN THE BREAKAWAY COUPLING PAY ITEM.
- THE CONTRACTOR SHALL REMOVE AND REPLACE LUMINAIRES, LAMPS, BALLASTS, POLE WIRE, SURGE ARRESTERS, FUSEHOLDERS, AND FUSES FOR ALL RELOCATED LIGHTING UNITS AND EXISTING LIGHTING UNITS TO REMAIN IN PLACE, WITH THE EXCEPTION OF EXISTING LIGHTING UNITS 12 AND 13 AS SHOWN ON THE PROPOSED LIGHTING PLANS. THIS WORK SHALL BE ACCORDING TO ARTICLE 821 OF THE STANDARD SPECIFICATIONS. ALL REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF ACCORDING TO ARTICLE 202.03. THE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMINAIRE PAY ITEM.

**MIXTURE REQUIREMENTS:**

LOCATION(S):	NB I-55 HMA SHOULDER (RT)	
MIXTURE USE(S):	TOP LIFT	BOTTOM LIFT
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4% @ N=50	4% @ N=50
MIXTURE COMPOSITION:	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIX C	N/A

LOCATION(S):	NB I-55 MEDIAN SHOULDER	
MIXTURE USE(S):	TOP LIFT	BOTTOM LIFT
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4% @ N=70	4% @ N=70
MIXTURE COMPOSITION:	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIX C	N/A

DISTRICT SIX			
EXAMINED	3/19	20	13
<i>Bill Boyer</i>			
OPERATIONS ENGINEER			
EXAMINED	MARCH 25	20	13
<i>Jimmy Furt</i>			
PROJECT IMPLEMENTATION ENGINEER			
EXAMINED	April 12	20	13
<i>ARULLI</i>			
PROGRAM DEVELOPMENT ENGINEER			

Rev.

94

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100 % STATE	
				ROADWAY	
				0004 RURAL	
20200100	EARTH EXCAVATION	CU YD	16,140	16,140	
20400800	FURNISHED EXCAVATION	CU YD	1,366	1,366	
* 25000200	SEEDING, CLASS 2	ACRE	7.50	7.5	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	675	675	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	675	675	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	675	675	
* 25100115	MULCH, METHOD 2	ACRE	7.50	7.50	
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	50	50	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	900	900	
28000305	TEMPORARY DITCH CHECKS	FOOT	395	395	
28000500	INLET AND PIPE PROTECTION	EACH	3	3	
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	17,852	17,852	
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	1,337	1,337	
31200100	STABILIZED SUBBASE 4"	SO YD	12,808	12,808	

\* SPECIALTY ITEM

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pwwork\pavidot\sparkgw\d0216368\067	585-shr-500.dgn	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET 1	OF 6	SHEETS	STA.	TO STA.	55	68-2W5-2	MONTGOMERY	124	3
	PLOT SCALE = 100.0000 "/ in.	CHECKED -	REVISED -												
	PLOT DATE = Apr-11-2013 03:43:58PM	DATE -	REVISED -												
											ILLINOIS FED. AID PROJECT		CONTRACT NO. 72505		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100 % STATE	
				ROADWAY	
				0004	RURAL
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	3.5	3.5	
42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SO YD	9,760	9,760	
42100380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14"	SO YD	355	355	
42100615	PAVEMENT REINFORCEMENT	SO YD	355	355	
44000100	PAVEMENT REMOVAL	SO YD	10,148	10,148	
44000189	HOT MIX ASPHALT SURFACE REMOVAL, 10"	SO YD	1,427	1,427	
44003100	MEDIAN REMOVAL	SO FT	1,619	1,619	
44004250	PAVED SHOULDER REMOVAL	SO YD	3,386	3,386	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	919	919	
48203045	HOT-MIX ASPHALT SHOULDERS, 12"	SO YD	1,046	1,046	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	465	465	
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	8	8	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	10	10	
60107600	PIPE UNDERDRAINS 4"	FOOT	6,602	6,602	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100 % STATE	
				ROADWAY	
				0004 RURAL	
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	505	505	
60219000	MANHOLE, TYPE A, 4-DIAMETER, TYPE B GRATE	EACH	1	1	
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SO FT	7,200	7,200	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	87.5	87.5	
63200310	GUARDRAIL REMOVAL	FOOT	32	32	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1	
63500105	DELINEATORS	EACH	22	22	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	3,090	3,090	
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1	1	
66500105	WOVEN WIRE FENCE, 4'	FOOT	1834	1834	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	
67100100	MOBILIZATION	L SUM	1	1	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1	
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	642	642	

\* Specialty Items

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100 % STATE	
				ROADWAY	
				0004	RURAL
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	143	143	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,650	1,650	
72000100	SIGN PANEL - TYPE 1	SO FT	84	84	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	24	24	
73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT	35	35	
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	8	8	
73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	1	1	
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	1	1	
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	14,623	14,623	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1,827	1,827	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	381	381	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	56	56	
78200410	GUARDRAIL MARKERS, TYPE A	EACH	4	4	
78300100	PAVEMENT MARKING REMOVAL	SO FT	2,006	2,006	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	56	56	

\*SPECIALTY ITEM

FILE NAME *	USER NAME * sparksgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\sparksgn\0216368\067	585-sh1-500.dgn	DRAWN -	REVISED -						55	68-2WS-2	MONTGOMERY	124	6
	PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISED -		SCALE: 1" = 20'				SHEET 4 OF 6 SHEETS		CONTRACT NO. 72505		
	PLOT DATE * Apr-11-2013 02:43:59PM	DATE -	REVISED -		TO STA.				ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100 % STATE	ROADWAY 0004 RURAL
81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	208		208
81028770	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 3" DIA.	FOOT	149		149
81603000	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	709		709
81603030	UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2,316		2,316
81603070	UNIT DUCT, 600V, 2-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2,765		2,765
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	25		25
83009600	LIGHT POLE, ALUMINUM, 45 FT. M. H., 15 FT. MAST ARM	EACH	13		13
<del>83062740</del>	<del>LIGHT POLE, WEATHERING STEEL, 50 FT. M. H., TENON MOUNT</del>	<del>EACH</del>	<del>6</del>		<del>6</del>
83600355	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 6'	EACH	20		20
<del>83600357</del>	<del>LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8'</del>	<del>EACH</del>	<del>6</del>		<del>6</del>
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	96		96
84200804	REMOVAL OF POLE FOUNDATION	EACH	7		7
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	1		1
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	7		7
87500800	TRAFFIC SIGNAL POST, 12 FT.	EACH	1		1
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1		1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	36		36

FILE NAME *	USER NAME * sparkag	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwidot\sparkag\0216368\0672585\shs-500.dgn	2585-shs-500.dgn	DRAWN -	REVISED -					55	68-2WS-2	MONTGOMERY	124	7
PLOT SCALE * 100.0000' / in.		CHECKED -	REVISED -		SCALE: 1" = 20'			SHEET 5 OF 6 SHEETS		STA.	TO STA.	CONTRACT NO. 72505
PLOT DATE * Apr-11-2013 03:43:59PM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100 % STATE	
				ROADWAY	RURAL
				0004	
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26		26
88040010	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, MAST-ARM MOUNTED	EACH	2		2
88040045	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 2-SECTION, MAST-ARM MOUNTED	EACH	2		2
88040050	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 2-SECTION, POST MOUNTED	EACH	1		1
X4832450	PORTLAND CEMENT CONCRETE SHOULDERS 11" (SPECIAL)	SO YD	5,793		5,793
X6350120	DELINEATOR REMOVAL	EACH	22		22
X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	1,976		1,976
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1		1
X7240300	SIGN REMOVAL	EACH	2		2
X8130125	REMOVE EXISTING JUNCTION BOX	EACH	1		1
X8950130	MODIFY EXISTING LIGHTING CONTROLLER	EACH	1		1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1
Z0026290	FURNISHING AND INSTALLING WEIGH-IN- MOTION COMPONENTS	L SUM	1		1
Z0062456	TEMPORARY PAVEMENT	SO YD	72		72
Z0076604	TRAINEES, TRAINING PROGRAM GRADUATE	HOUR	500		500

+00042

#

FILE NAME : c:\pwwork\pvidot\perksg\0216368\067	USER NAME : pparksgv	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
585-sh1-500.dgn	DRAWN -	REVISED -	55					68-2WS-2	MONTGOMERY	124	8	
PLOT SCALE : 100.0000' / in.	CHECKED -	REVISED -	SCALE: 1" = 20'			SHEET 6 OF 6 SHEETS			CONTRACT NO. 72505			
PLOT DATE : Apr-11-2013 03:44:08PM	DATE -	REVISED -	STA. TO STA.			ILLINOIS FED. AID PROJECT						



EARTHWORK SCHEDULE						
LOCATION STATION TO STATION	LOCATION	CUT (CU YDS)	FILL (CU YDS)	EARTH EX. ADJ. FOR SHRINKAGE (CUYD)	FURNISHED EX. WASTE (+) SHORTAGE (-) (CUYD)	TEMPORARY DITCH CHECKS (FOOT)
WEIGH STATION ROAD						
STA. 10+00.00 TO STA. 49+50.00	RT & LT	16,140	13,471	12,105	1366 (-)	395
TOTAL		16,140	13,471	12,105	1366 (-)	395

SUB-BASE GRANULAR MATERIAL TYPE A 12"				
LOCATION STATION TO STATION	LENGTH (FT)	SUB-BASE GRAN MAT, TY A 12" (SQ YD)		
WEIGH STATION ROAD				
STA. 10+00.00 TO STA. 12+03.45	203	701		
STA. 12+03.45 TO STA. 17+27.10	524	2,327		
STUB AT 16+20.72		VARIES		
STA. 17+27.10 TO STA. 19+56.00	229	1,246		
STA. 19+56.00 TO STA. 20+35.26	79	432		
STA. 20+35.26 TO STA. 21+47.55	112	462		
STA. 21+47.55 TO STA. 31+60.00	1,012	285		
STUB AT 25+42.00		VARIES		
STA. 31+60.00 TO STA. 34+18.62	259	1,150		
STA. 34+18.62 TO STA. 34+55.63	37	128		
STA. 34+55.63 TO STA. 44+07.35	952	3,278		
STA. 44+07.35 TO STA. 49+92.55	585	2,165		
TOTAL		17,852		

SEEDING SCHEDULE							
LOCATION STATION TO STATION	LENGTH (FT)	SEEDING CLASS 2 (ACRE)	NITROGEN FERTILIZER (POUND)	PHOSPHORUS FERTILIZER (POUND)	POTASSIUM FERTILIZER (POUND)	MULCH METHOD 2 (ACRE)	
WEIGH STATION ROAD							
10+00.00 TO 49+92.55	3992.55	7.50	675	675	675	7.50	
TOTAL		7.50	675	675	675	7.50	

SUB-BASE GRANULAR MATERIAL TYPE C				
LOCATION STATION TO STATION	LENGTH (FT)	SUB-BASE GRAN MAT, TY C (TON)		
WEIGH STATION ROAD				
STA. 10+00.00 TO STA. 12+03.45	203	70		
STA. 12+03.45 TO STA. 17+27.10	524	179		
STUB AT 16+20.72		VARIES		
STA. 17+27.10 TO STA. 19+56.00	229	78		
STA. 19+56.00 TO STA. 20+35.26	79	27		
STA. 20+35.26 TO STA. 21+47.55	112	38		
STA. 21+47.55 TO STA. 31+60.00	1,012	347		
STUB AT 25+42.00		VARIES		
STA. 31+60.00 TO STA. 34+18.62	259	89		
STA. 34+18.62 TO STA. 44+07.35	989	339		
STA. 44+07.35 TO STA. 47+89.43	382	83		
STA. 47+89.43 TO STA. 49+92.55	203	44		
TOTAL		1,337		

STABILIZED SUBBASE 4"				
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	
WEIGHT STATION ROAD				
STA. 10+00.00 TO STA. 12+03.45	203	19	430	
STA. 12+03.45 TO STA. 17+27.10	524	19.0 TO 37.0	1,629	
STUB AT 16+20.72		VARIES		
STA. 17+27.10 TO STA. 19+56.00	229	37	941	
STA. 19+56.00 TO STA. 20+35.26	79	37	326	
STA. 20+35.26 TO STA. 21+47.55	112	24	293	
STA. 21+47.55 TO STA. 31+60.00	1,012	37	4,162	
STUB AT 25+42.00		VARIES		
STA. 31+60.00 TO STA. 34+18.62	259	19.0 TO 37.0	805	
STA. 34+18.62 TO STA. 44+07.35	989	19	2,087	
STA. 44+07.35 TO STA. 47+89.43	382	18.5 TO 48.1	1,414	
STA. 47+89.43 TO STA. 49+92.55	203	2.5 TO 18.5	237	
TOTAL		12,808		

PCC PAVEMENT 11" JOINTED SCHEDULE						
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	PCC PAVEMENT 11" JOINTED (SQ YD)		
WEIGH STATION ROAD						
STA. 10+00.00 TO STA. 12+03.45	203	16	362	362		
STA. 12+03.45 TO STA. 17+27.10	524	16 TO 34	1,455	1,455		
STUB AT 16+20.72	VARIES	VARIES	167	167		
STA. 17+27.10 TO STA. 19+56.00	229	34	865	865		
STA. 19+56.00 TO STA. 20+35.26	79	28	247	247		
STA. 20+35.26 TO STA. 21+47.55	112	16	200	200		
STA. 21+47.55 TO STA. 31+33.53	986	28	3,067	3,067		
STUB AT 25+42.00	VARIES	VARIES	294	294		
STA. 31+33.53 TO STA. 34+17.30	284	16 TO 34	788	788		
STA. 34+17.30 TO STA. 47+20.48	1,303	16	2,317	2,317		
TOTAL				9,760		

PCC & HMA SHOULDER SCHEDULE								
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	HMA SHOULDER 12" (SQ YD)	PCC SHOULDERS 11" (SQ YD)			
WEIGH STATION ROAD								
OUTSIDE STA. 10+00.00 TO STA. 16+20.72	621	8	552	--	552			
STUB STA. 16+20.72 TO STA. 16+64.28	VARIES	VARIES	67	--	67			
OUTSIDE STA. 16+64.28 TO STA. 24+70.63	806	8	717	--	717			
STUB STA. 24+70.63 TO STA. 25+75.84	VARIES	VARIES	124	--	124			
OUTSIDE STA. 25+75.84 TO STA. 49+92.55	2,417	8	2,148	--	2,148			
GORE STA. 44+07.35 TO STA. 47+89.51	382	30.64 TO 1	672	--	672			
INSIDE STA. 10+00.00 TO STA. 44+07.35	3,407	4	1,514	--	1,514			
I-55								
OUTSIDE STA. 1850+18.64 TO STA. 1859+60.06	941	10	1,046	1,046	--			
SUB-TOTAL				1,046	5,793			
TOTAL				1,046	5,793			

MEDIAN SCHEDULE				
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	MEDIAN REMOVAL (SQ FT)	CONCRETE MEDIAN TY. SB-6.06 (SQ FT)
WEIGH STATION ROAD				
STA. 19+56.00 TO STA. 22+25.85	270	6	1,619	--
STA. 19+56.00 TO STA. 31+60.00	1,204	VARIES	--	7,200
TOTAL			1,619	7,200

TEMPORARY PAVEMENT SCHEDULE					
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	PAVEMENT REMOVAL (SQ YD)	TEMPORARY PAVEMENT 11" (SQ YD)
WEIGH STATION ROAD					
STA. 18+42.00 TO STA. 18+75.00	33	10	37	37	37
STA. 23+01.00 TO STA. 23+33.00	32	10	36	36	36
SUB-TOTAL				72	72
TOTAL				72	72

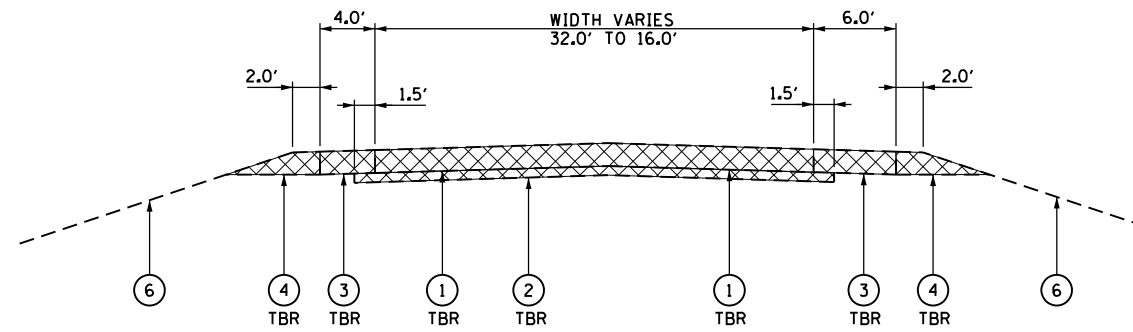
CONTINUOUSLY REINFORCED PCC PAVEMENT SCHEDULE						
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	PAVEMENT REINFORCEMENT (SQ YD)	CONT. REIN. PCC PVT. 14" (SQ YD)	
WEIGH STATION ROAD						
STA. 47+20.66 TO STA. 47+89.51	69	6.5 TO 1	29	29	29	
STA. 47+20.01 TO STA. 47+89.51	70	16	124	124	124	
STA. 47+89.51 TO STA. 49+92.55	203	17.0 TO 1	203	203	203	
SUB-TOTAL				355	355	
TOTAL				355	355	

PAVEMENT REMOVAL SCHEDULE			
LOCATION STATION TO STATION	LOCATION	PAVED SHOULDER REMOVAL (SQ YD)	PCC REMOVAL (SQ YD)
WEIGH STATION ROAD			
STA. 10+00.00 TO STA. 49+92.00	RT & LT	3,386	10,148
SUB-TOTAL		3,386	10,148
TOTAL		3,386	10,148

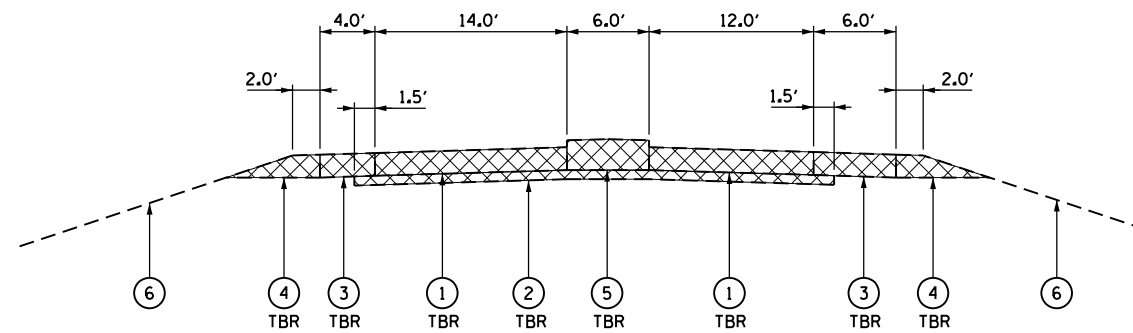
AGGREGATE SHOULDERS TYPE B					
LOCATION STATION TO STATION		LENGTH (FT)	WIDTH (FT)	QUANTITY (TONS)	
WEIGH STATION ROAD					
OUTSIDE SHOULDER					
STA. 10+00.00	TO STA. 16+09.21	609	5	87	
OUTSIDE STUB 15+99.74		12	5	2	
OUTSIDE STUB 16+42.29		52	5	7	
STA. 16+82.55	TO STA. 18+44.66	162	5	23	
STA. 19+13.55	TO STA. 20+14.03	100	5	14	
STA. 21+05.04	TO STA. 22+69.47	164	5	23	
OUTSIDE STUB 23+68.45		195	5	28	
OUTSIDE STUB 25+97.17		5	5	1	
STA. 25+94.33	TO STA. 49+92.55	2398	5	342	
INSIDE SHOULDER					
STA. 10+00.00	TO STA. 44+07.35	3407	2	259	
I-55					
OUTSIDE SHOULDER					
STA. 1850+18.64	TO STA. 1859+60.06	941	5	134	
				SUB TOTAL	919
				TOTAL	919

URETHANE PAVEMENT MARKING									
LOCATION STATION TO STATION		LENGTH (FT)	URETHANE LINE 5" (FT)		URETHANE LINE 8" (FT)		URETHANE LINE 12" (FT)		
WEIGH STATION ROAD			WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	
STA. 10+00.00	TO STA. 15+06.57	507	507	507	-	-	-	-	
STA. 15+06.58	TO STA. 32+28.61	1,722	4130	1722	1037	-	177	-	
STA. 32+28.61	TO STA. 44+07.02	1,178	1178	1178	-	-	-	-	
STA. 44+07.02	TO STA. 49+92.55	586	586	-	790	-	204	-	
I-55									
STA. 1847+34.00	TO STA. 1868+74.00	2,140	2675	2140					
			TOTAL	9,076	5,547	1,827	-	381	-

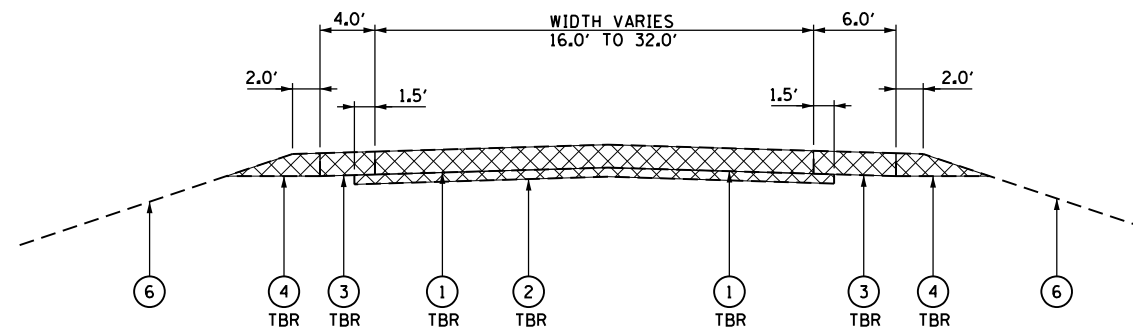
PIPE UNDERDRAINS						
STATION TO STATION		LOCATION (LT & RT)	PIPE UNDERDRAINS 4" (FT)	PIPE UNDERDRAINS 4" (SPECIAL) (FT)	CONCRETE HEADWALLS FOR PIPE DRAINS (EACH)	
WEIGH STATION ROAD						
STA. 10+00.00	TO STA. 12+00.00	LT	200	25	1	
STA. 12+00.00	TO STA. 16+20.00	LT	420	25		
STA. 23+60.00	TO STA. 25+25.00	LT	165	25	1	
STA. 25+75.00	TO STA. 28+00.00	LT	225	25		
STA. 28+00.00	TO STA. 31+00.00	LT	300	25	1	
STA. 31+00.00	TO STA. 34+00.00	LT	300	25	1	
STA. 34+00.00	TO STA. 37+00.00	LT	300	25	1	
STA. 37+00.00	TO STA. 40+00.00	LT	300	25	1	
STA. 40+00.00	TO STA. 43+00.00	LT	300	25	1	
STA. 43+00.00	TO STA. 46+00.00	LT	300	25	1	
STA. 46+00.00	TO STA. 49+92.00	LT	392	25	1	
STA. 10+00.00	TO STA. 17+37.00	RT	737	5		
STA. 17+37.00	TO STA. 21+87.00	RT	450	5		
STA. 21+87.00	TO STA. 25+00.00	RT	313	25	1	
STA. 25+00.00	TO STA. 27+81.00	RT	281	25		
STA. 27+81.00	TO STA. 30+34.00	RT	253	25		
STA. 30+34.00	TO STA. 34+00.00	RT	366	25		
STA. 34+00.00	TO STA. 37+00.00	RT	300	40		
STA. 37+00.00	TO STA. 40+00.00	RT	300	40		
STA. 40+00.00	TO STA. 44+00.00	RT	400	40		
			TOTAL	6602	505	10



EXISTING TYPICAL SECTION #1  
EXISTING WEIGH STATION ROAD  
NORTH OF SCALES



EXISTING TYPICAL SECTION #2  
EXISTING WEIGH STATION ROAD  
SCALE AREA



EXISTING TYPICAL SECTION #3  
EXISTING WEIGH STATION ROAD  
SOUTH OF SCALES

LEGEND

- ① EXISTING P.C.C. CONCRETE PAVEMENT, 10 INCH
- ② EXISTING STABILIZED SUB-BASE, 4 INCH
- ③ EXISTING STABILIZED SHOULDER, 10 INCH
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING CONCRETE MEDIAN, TYPE C-4
- ⑥ EXISTING GROUND

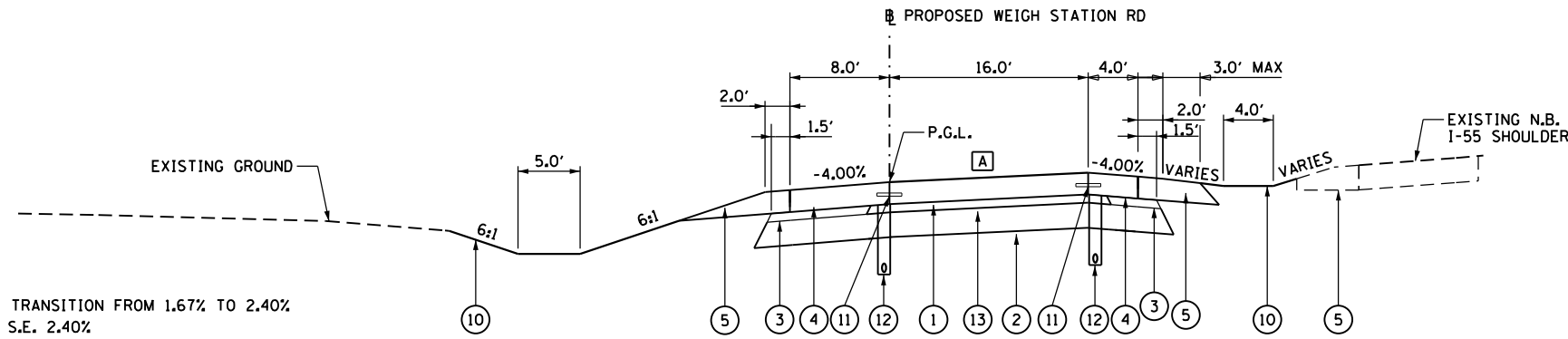
TBR - TO BE REMOVED

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL SECTIONS WEIGH STATION ROAD</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\sparksgw\0216368\0672505-sht-typicals.ws.dgn		DRAWN -	REVISED -		55	68-2W5-2	124	124	12			
	PLOT SCALE = 14.0000' / in.	CHECKED -	REVISED -		SCALE:			SHEET 1 OF 5 SHEETS STA. TO STA.			CONTRACT NO. 72505	
	PLOT DATE = Apr-11-2013 03:49:27PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

**PROPOSED LEGEND**

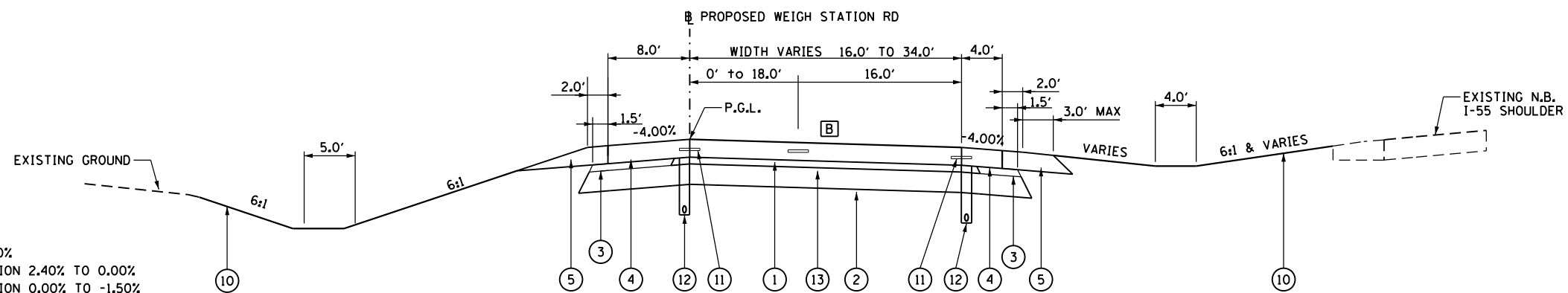
- ① JOINTED PORTLAND CEMENT CONCRETE PAVEMENT, 11 INCH
- ② SUBBASE GRANULAR MATERIAL, TYPE A 12 INCH
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ PORTLAND CEMENT CONCRETE SHOULDERS, 11 INCH
- ⑤ AGGREGATE SHOULDERS, TYPE B
- ⑥ HOT-MIX ASPHALT SHOULDERS, 12"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑧ PORTLAND CEMENT CONCRETE MEDIAN, TYPE SB-6.06
- ⑨ TOPSOIL FURNISH AND PLACE 4 INCH
- ⑩ SEEDING, CLASS 2
- ⑪ LONGITUDINAL TIE BAR
- ⑫ PIPE UNDERDRAINS 4 INCH
- ⑬ STABILIZED SUBBASE 4"

**A** PAVEMENT SLOPE  
 STA. 10+00.00 TO STA. 10+15.00 - TRANSITION FROM 1.67% TO 2.40%  
 STA. 10+15.00 TO STA. 12+03.45 - S.E. 2.40%



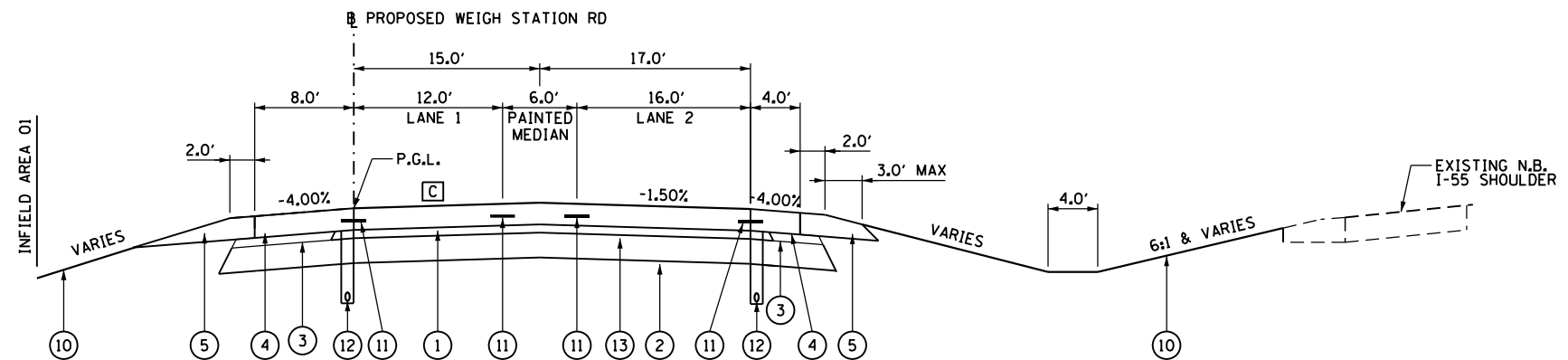
**PROPOSED TYPICAL SECTION #1**  
 WEIGH STATION ROAD  
 STATION 10+00.00 TO STATION 12+03.45

**B** PAVEMENT SLOPE  
 STA. 12+03.45 TO STA. 12+55.35 - S.E. 2.40%  
 STA. 12+55.35 TO STA. 13+07.35 - TRANSITION 2.40% TO 0.00%  
 STA. 13+07.35 TO STA. 13+45.35 - TRANSITION 0.00% TO -1.50%  
 STA. 13+45.35 TO STA. 17+27.10 - 1.50%



**PROPOSED TYPICAL SECTION #2**  
 WEIGH STATION ROAD  
 STATION 12+03.45 TO STATION 17+27.10

**C** PAVEMENT SLOPE - LANE 1  
 STA. 17+27.10 TO STA. 17+60.97 - TRANSITION -1.50% TO 0.00%  
 STA. 17+60.97 TO STA. 17+94.97 - TRANSITION 0.00% TO 1.50%  
 STA. 17+94.97 TO STA. 19+35.26 - 1.50%  
 STA. 19+35.26 TO STA. 19+56.00 - TRANSITION -1.50% TO 0.00%

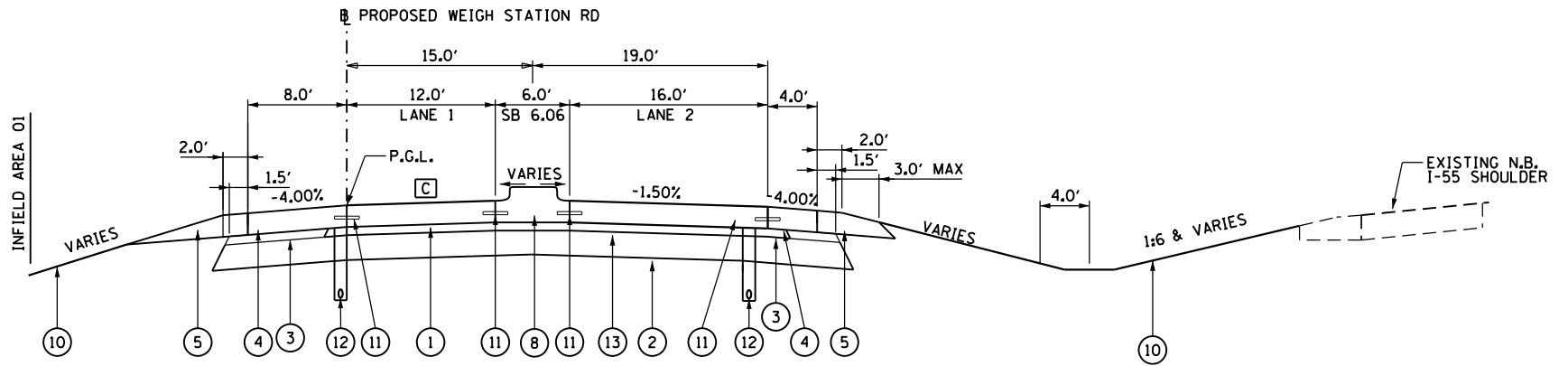


**PROPOSED TYPICAL SECTION #3**  
 WEIGH STATION ROAD  
 STATION 17+27.10 TO STATION 19+56.00

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTION WEIGH STATION ROAD</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\midot\sparksgw\0216368\0672505-sht-typical.s.dgn	PLOT SCALE = 14.0000' / in.	DRAWN -	REVISED -					55	68-2WS-2	MONTGOMERY	124	13
	PLOT DATE = Apr-11-2013 03:49:27PM	CHECKED -	REVISED -		CONTRACT NO. 72505							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

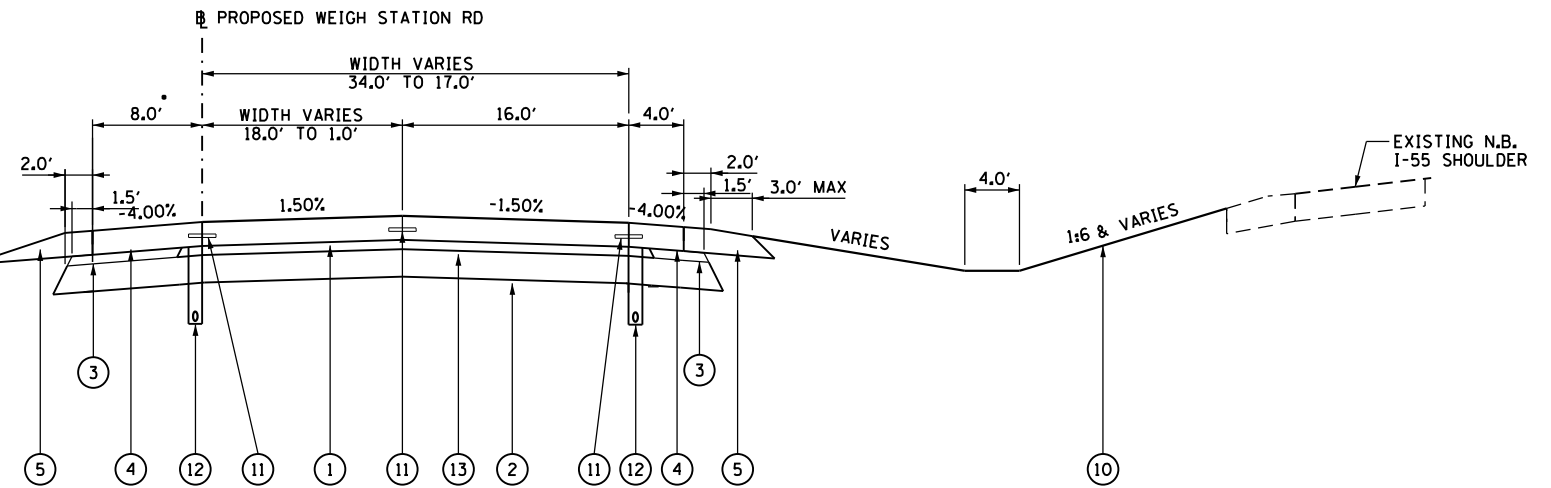
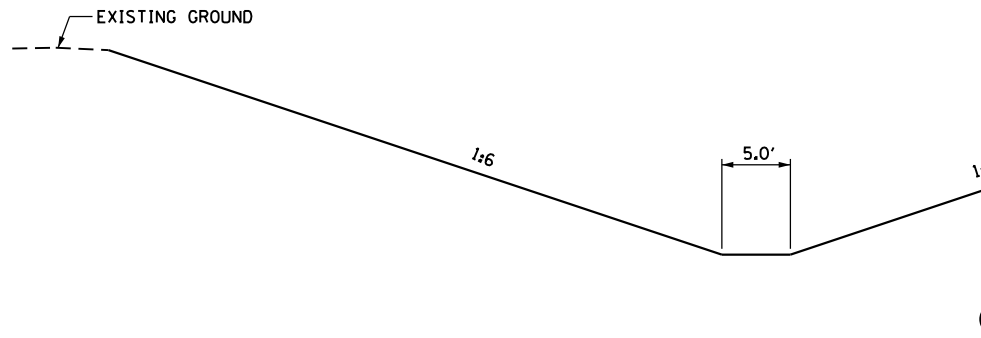
**PROPOSED LEGEND**

- ① JOINTED PORTLAND CEMENT CONCRETE PAVEMENT, 11 INCH
- ② SUBBASE GRANULAR MATERIAL, TYPE A 12 INCH
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ PORTLAND CEMENT CONCRETE SHOULDERS, 11 INCH
- ⑤ AGGREGATE SHOULDERS, TYPE B
- ⑥ HOT-MIX ASPHALT SHOULDERS, 12"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑧ PORTLAND CEMENT CONCRETE MEDIAN, TYPE SB-6.06
- ⑨ TOPSOIL FURNISH AND PLACE 4 INCH
- ⑩ SEEDING, CLASS 2
- ⑪ LONGITUDINAL TIE BAR
- ⑫ PIPE UNDERDRAINS 4 INCH
- ⑬ STABILIZED SUBBASE 4"



**PROPOSED TYPICAL SECTION #4**  
WEIGH STATION ROAD  
STATION 19+56.00 TO STATION 31+60.00

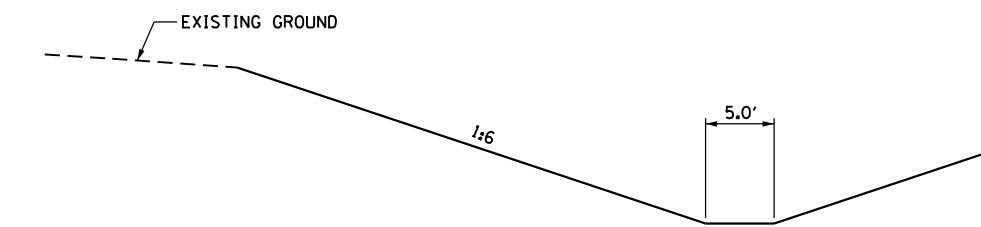
**[C] PAVEMENT SLOPE - LANE 1**  
 STA. 19+35.26 TO STA. 19+95.26 - TRANSITION -1.50% TO 0.00%  
 STA. 19+95.26 TO STA. 21+87.55 - 0.00%  
 STA. 21+87.55 TO STA. 22+47.55 - TRANSITION 0.00% TO 1.50%  
 STA. 22+47.55 TO STA. 31+33.53 - 1.50%



**PROPOSED TYPICAL SECTION #5**  
WEIGH STATION ROAD  
STATION 31+60.00 TO STATION 34+18.62

\*SHOULDER EXTENDS TO 9.0' AT 1' STUB STA. 34+02.61

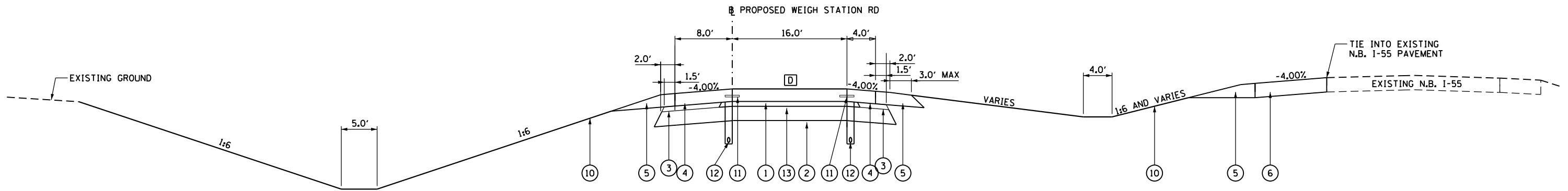
STRUCTURAL DESIGN TRAFFIC:	YEAR	2023
PV =	17,827	SU = 1,160 MU = 6,513
ROAD / STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P =	32%	S = 45% M = 50%
TRAFFIC FACTOR:	ACTUAL TF =	46.86
	MINIMUM T	11.09
SUBGRADE SUPPORT RATING:		
SSR	Poor	



**PROPOSED TYPICAL SECTION #6**  
WEIGH STATION ROAD  
STATION 34+18.62 TO STATION 34+55.63

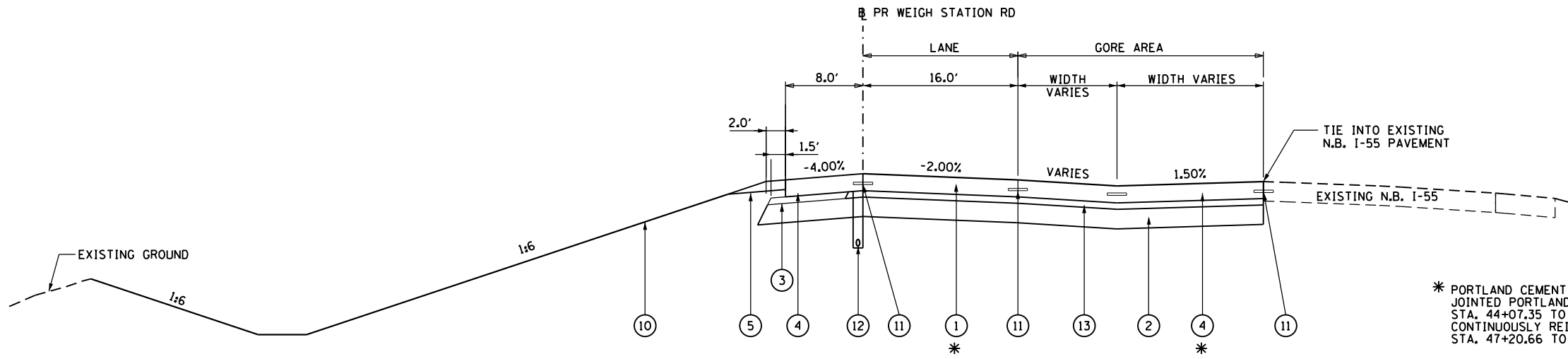
\*SHOULDER EXTENDS TO 9.0' AT 1' STUB STA. 34+02.61

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTION WEIGH STATION ROAD</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\id\sparksgw\0216368\0672505-sht-typicals.ws.dgn	DRAWN -	REVISED -	55			68-2WS-2	MONTGOMERY	124	14		
PLOT SCALE = 14.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72505								
PLOT DATE = Apr-11-2013 03:49:28PM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
SCALE:						SHEET 3	OF 5 SHEETS	STA.	TO STA.		



**D** PAVEMENT SLOPE  
 STA. 34+55.63 TO STA. 36+33.62 - 0.00%  
 STA. 36+33.62 TO STA. 37+41.87 - TRANSITION FROM 0.00% TO -1.50%  
 STA. 37+41.87 TO STA. 37+59.87 - TRANSITION FROM -1.50% TO -2.00%  
 STA. 37+59.87 TO STA. 44+07.35 - -2.00%

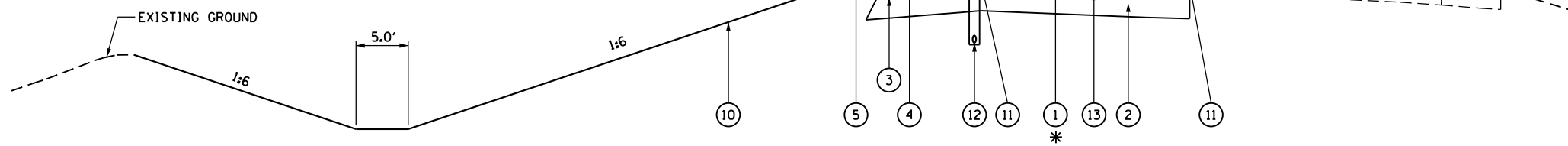
**PROPOSED TYPICAL SECTION #7**  
**WEIGH STATION ROAD**  
 STATION 34+55.63 TO STATION 44+07.35



\* PORTLAND CEMENT CONCRETE SHOULDERS, 11" AND JOINTED PORTLAND CEMENT CONCRETE PAVEMENT, 11" STA. 44+07.35 TO STA. 47+20.66  
 CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, 14" STA. 47+20.66 TO STA. 49+92.55

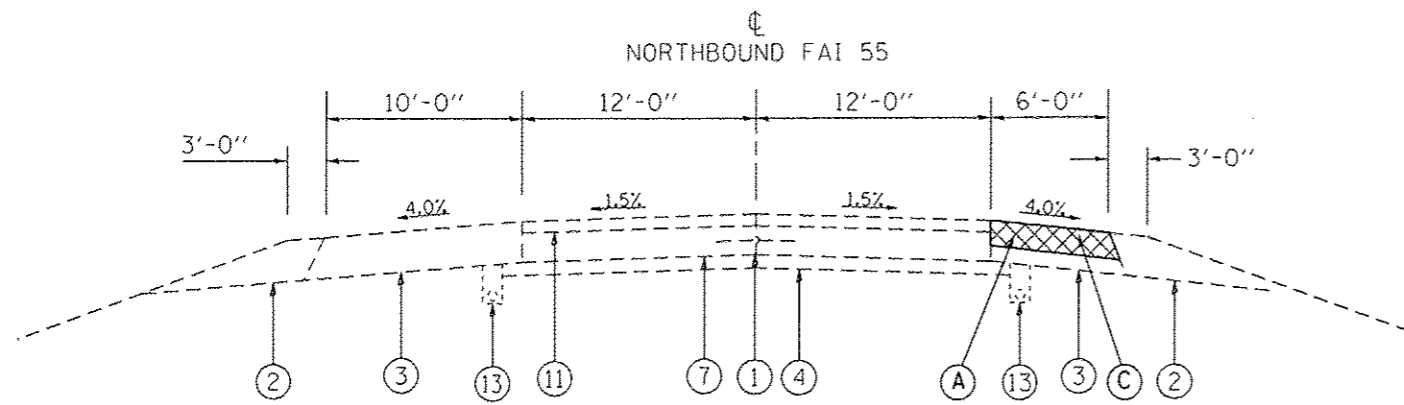
**PROPOSED TYPICAL SECTION #8**  
**WEIGH STATION ROAD**  
 STATION 44+07.35 TO STATION 47+89.43

STRUCTURAL DESIGN TRAFFIC:	YEAR	2023
PV = 17,827	SU = 1,160	MU = 6,513
ROAD / STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 32%	S = 45%	M = 50%
TRAFFIC FACTOR:	ACTUAL TF = 46.86	
	MINIMUM T 11.09	
SUBGRADE SUPPORT RATING:		
SSR	Poor	



**PROPOSED TYPICAL SECTION #9**  
**WEIGH STATION ROAD**  
 STATION 47+89.43 TO STATION 49+92.55

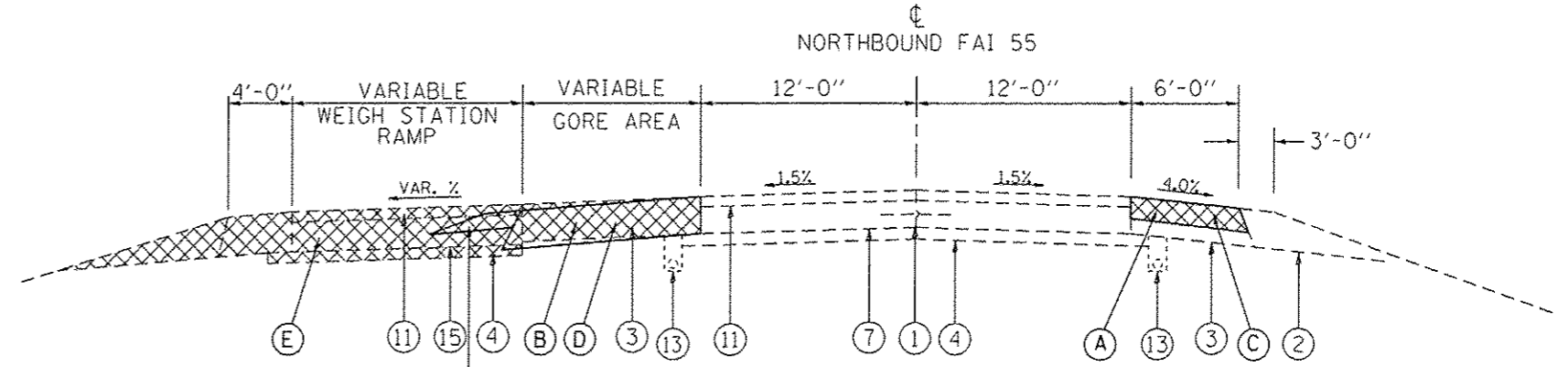
- PROPOSED LEGEND**
- ① JOINTED PORTLAND CEMENT CONCRETE PAVEMENT, 11 INCH OR CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, 14"
  - ② SUBBASE GRANULAR MATERIAL, TYPE A 12 INCH
  - ③ SUBBASE GRANULAR MATERIAL, TYPE C
  - ④ PORTLAND CEMENT CONCRETE SHOULDERS, 11 INCH OR CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, 14"
  - ⑤ AGGREGATE SHOULDERS, TYPE B
  - ⑥ HOT-MIX ASPHALT SHOULDERS, 12"
  - ⑦ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
  - ⑧ PORTLAND CEMENT CONCRETE MEDIAN, TYPE SB-6.06
  - ⑨ TOPSOIL FURNISH AND PLACE 4 INCH
  - ⑩ SEEDING, CLASS 2
  - ⑪ LONGITUDINAL TIE BAR
  - ⑫ PIPE UNDERDRAINS 4 INCH
  - ⑬ STABILIZED SUBBASE 4"



**TYPICAL SECTION**

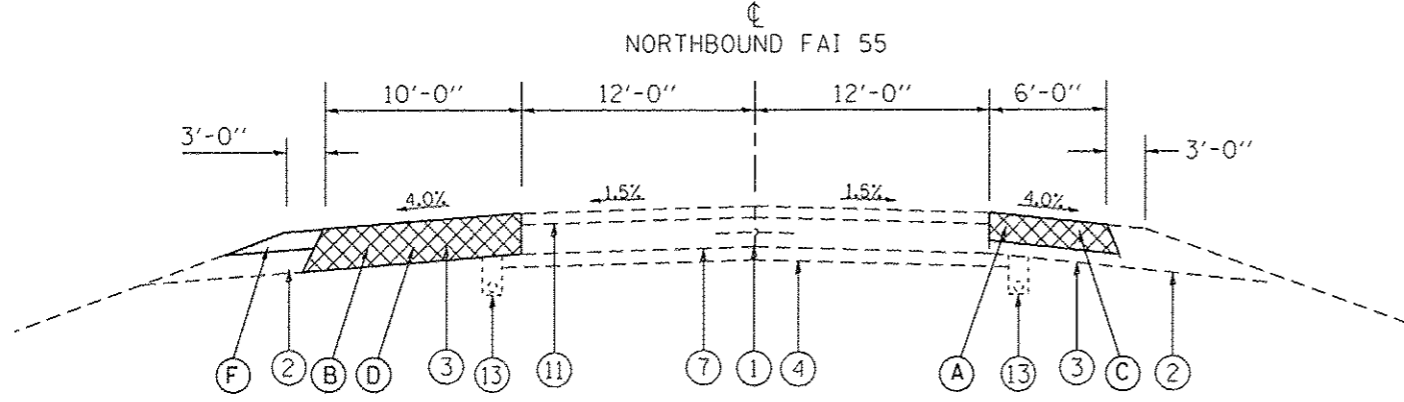
STA. 1847+34.00 TO STA. 1850+19.00  
(LOOKING SOUTH)

- EXISTING LEGEND**
- ① EX LONGITUDINAL JOINT
  - ② EX AGGREGATE SHOULDERS
  - ③ EX BITUMINOUS SHOULDERS
  - ④ EX STABILIZED SUBBASE 4"
  - ⑤ EX SRC PAVEMENT 8"
  - ⑥ EX SRC PAVEMENT 9"
  - ⑦ EX CRC PAVEMENT 9"
  - ⑧ EX BURIED PCC PAVEMNET 10"
  - ⑨ EX BITUMINOUS CONCRETE 2 3/4"
  - ⑩ EX BITUMINOUS CONCRETE 3 1/2 "
  - ⑪ EX BITUMINOUS CONCRETE 5"
  - ⑫ EX PIPE UNDERDRAINS 4"
  - ⑬ EX PIPE UNDERDRAINS 6"
  - ⑭ EX COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - ⑮ EX SRC PAVEMENT 10"



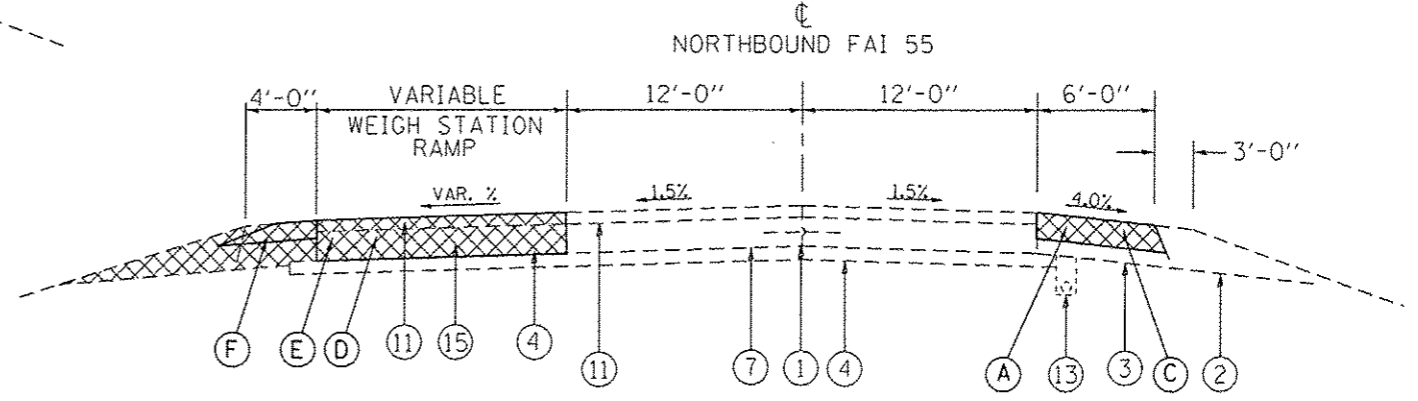
**TYPICAL SECTION**

STA. 1850+93.43 TO STA. 1853+17.85  
(LOOKING SOUTH)



**TYPICAL SECTION**

STA. 1850+19.00 TO STA. 1850+93.43  
STA. 1855+59.88 TO STA. 1859+60.06  
(LOOKING SOUTH)



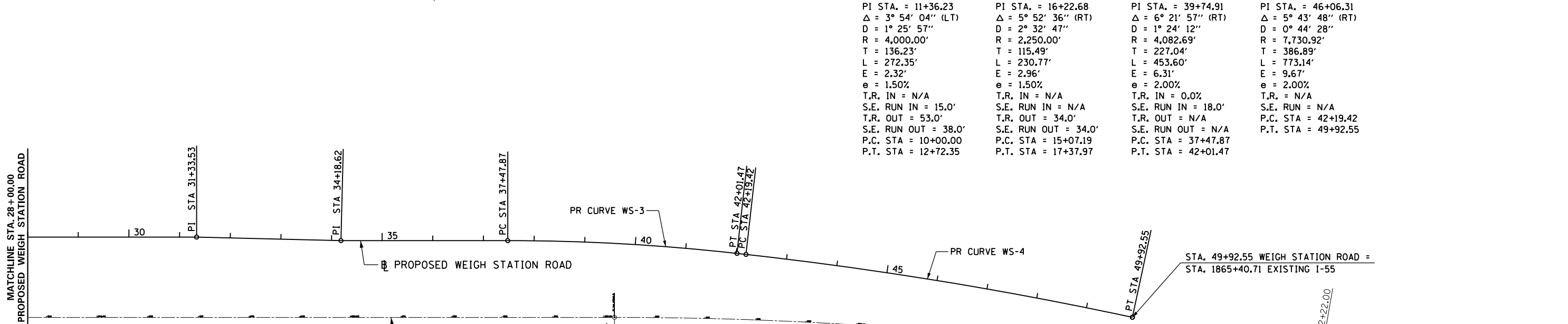
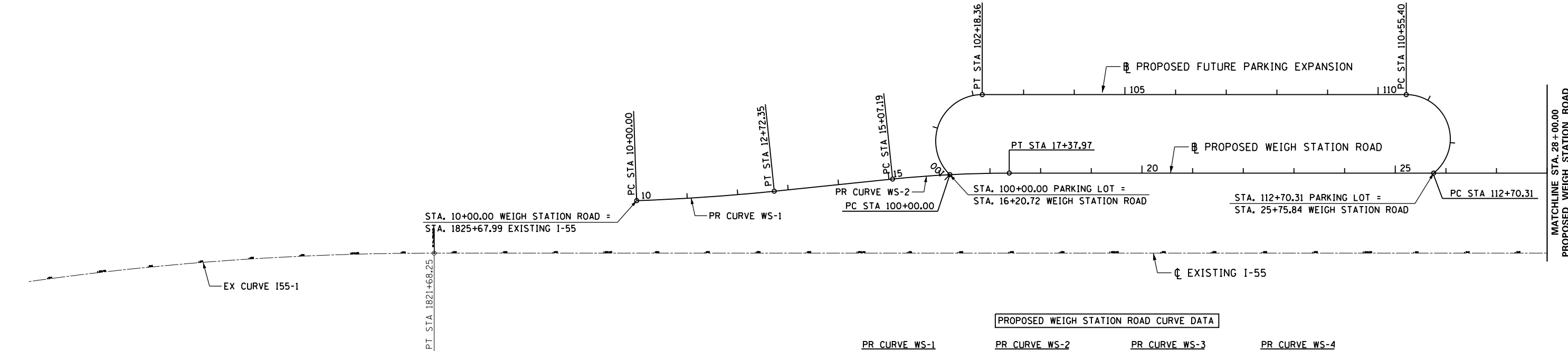
**TYPICAL SECTION**

STA. 1853+17.85 TO STA. 1855+59.88  
(LOOKING SOUTH)

- PROPOSED LEGEND**
- Ⓐ HMA SHOULDER REMOVAL, 10"
  - Ⓑ PAVED SHOULDER REMOVAL
  - Ⓒ HMA SHOULDERS, 10"
  - Ⓓ HMA SHOULDERS, 12"
  - Ⓔ PAVEMENT REMOVAL
  - Ⓕ AGGREGATE SHOULDER, TYPE B

FILE NAME	USER NAME	DESIGNED	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTION WEIGH STATION ROAD</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\p\work\p\dot\sparkgs\08216368\067	509-shi-typical3.va.dgn	DRAWN	REVISED				55	68-2WS-2	MONTGOMERY	124	15A
PLOT SCALE	CHECKED	DATE	REVISED		SCALE:	SHEET 5 OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
PLOT DATE	DATE	REVISED	REVISED								





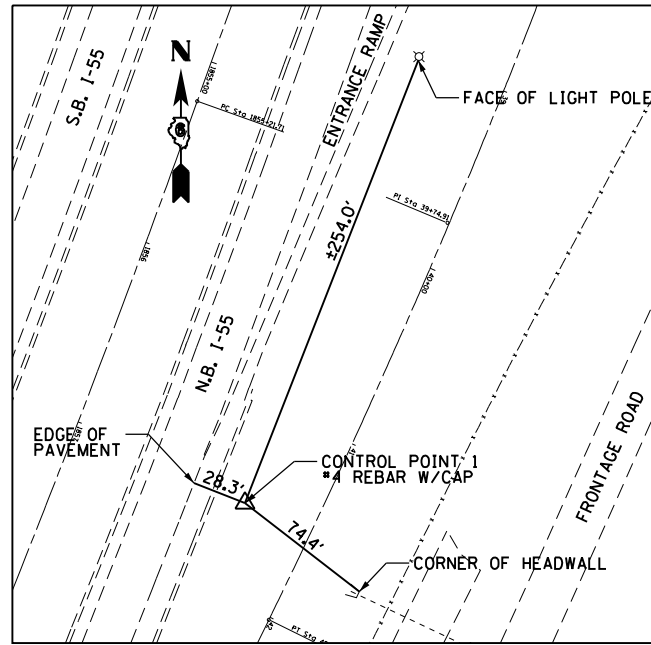
PROPOSED WEIGH STATION ROAD CURVE DATA

PR CURVE WS-1	PR CURVE WS-2	PR CURVE WS-3	PR CURVE WS-4
PI STA. = 11+36.23	PI STA. = 16+22.68	PI STA. = 39+74.91	PI STA. = 46+06.31
$\Delta = 3^\circ 54' 04''$ (LT)	$\Delta = 5^\circ 52' 36''$ (RT)	$\Delta = 6^\circ 21' 57''$ (RT)	$\Delta = 5^\circ 43' 48''$ (RT)
D = $1^\circ 25' 57''$	D = $2^\circ 32' 47''$	D = $1^\circ 24' 12''$	D = $0^\circ 44' 28''$
R = 4,000.00'	R = 2,250.00'	R = 4,082.69'	R = 7,730.92'
T = 136.23'	T = 115.49'	T = 227.04'	T = 386.89'
L = 272.35'	L = 230.77'	L = 453.60'	L = 773.14'
E = 2.32'	E = 2.96'	E = 6.31'	E = 9.67'
e = 1.50%	e = 1.50%	e = 2.00%	e = 2.00%
T.R. IN = N/A	T.R. IN = N/A	T.R. IN = 0.0%	T.R. = N/A
S.E. RUN IN = 15.0'	S.E. RUN IN = N/A	S.E. RUN IN = 18.0'	S.E. RUN = N/A
T.R. OUT = 53.0'	T.R. OUT = 34.0'	T.R. OUT = N/A	P.C. STA = 42+19.42
S.E. RUN OUT = 38.0'	S.E. RUN OUT = 34.0'	S.E. RUN OUT = N/A	P.T. STA = 49+92.55
P.C. STA = 10+00.00	P.C. STA = 15+07.19	P.C. STA = 37+47.87	
P.T. STA = 12+72.35	P.T. STA = 17+37.97	P.T. STA = 42+01.47	

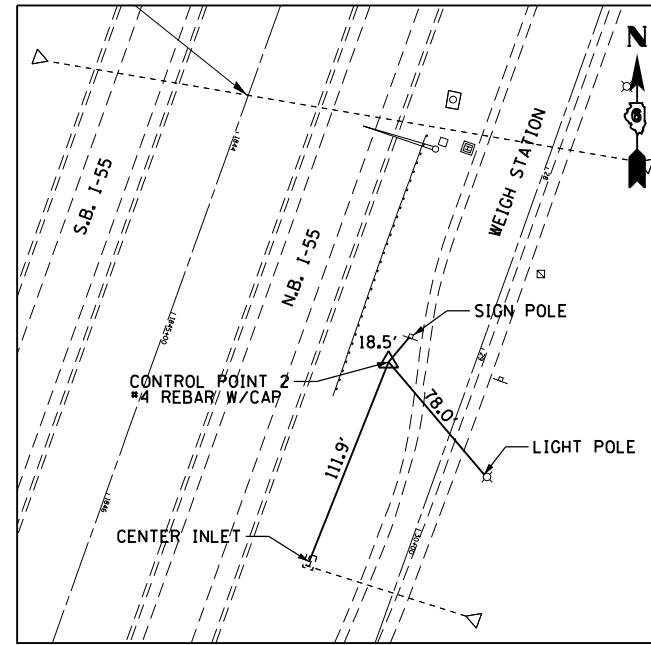
EXISTING I-55 CURVE DATA

EX CURVE I55-1	EX CURVE I55-2
PI STA. = 1811+51.19	PI STA. = 1861+90.60
$\Delta = 20^\circ 35' 39''$ (RT)	$\Delta = 9^\circ 56' 49''$ (RT)
D = $1^\circ 00' 05''$	D = $0^\circ 44' 54''$
R = 5,721.63'	R = 7,657.06'
T = 1,039.49'	T = 666.34'
L = 2,056.55'	L = 1,329.33'
E = 93.66'	E = 28.94'
e = N/A	e = N/A
T.R. = N/A	T.R. = N/A
S.E. RUN = N/A	S.E. RUN = N/A
P.C. STA = 1801+11.70	P.C. STA = 1855+24.27
P.T. STA = 1821+68.25	P.T. STA = 1868+53.60

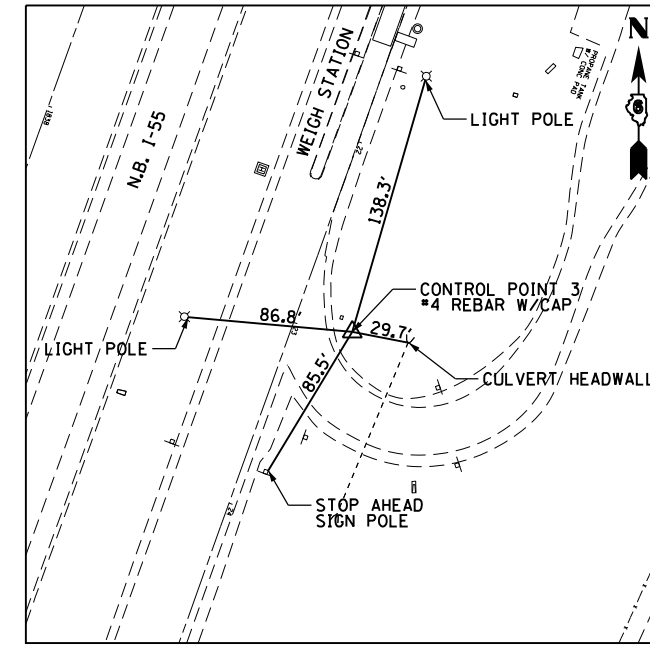
EQUATION:  
 $PT STA 1868+53.60$   
 $PI STA 1861+90.60$   
 $PC STA 1855+24.27$   
 $AH = 110.0'$



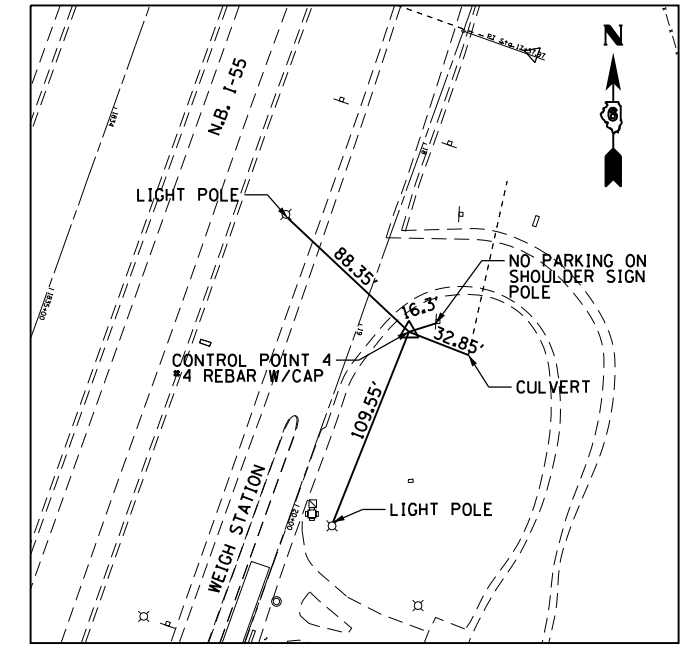
**CONTROL POINT #1**  
 #4 REBAR WITH CAP  
 N = 930996.296  
 E = 2443970.188



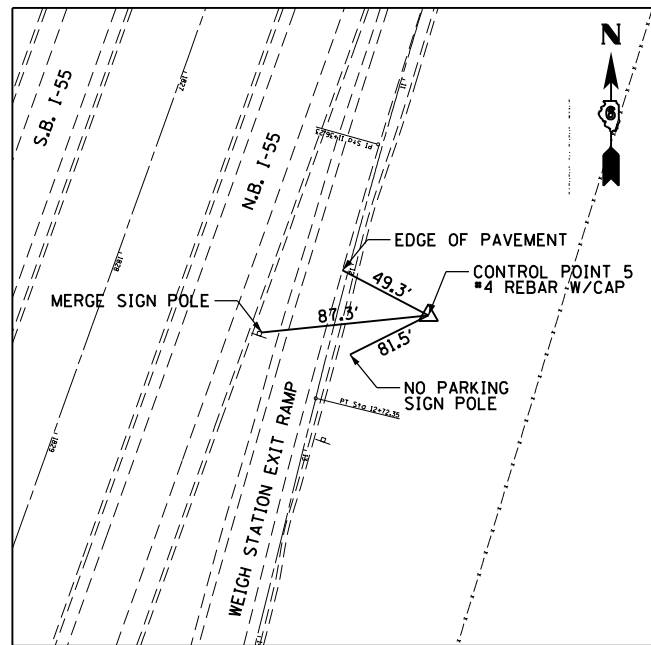
**CONTROL POINT #2**  
 #4 REBAR WITH CAP  
 N = 932141.844  
 E = 2444403.001



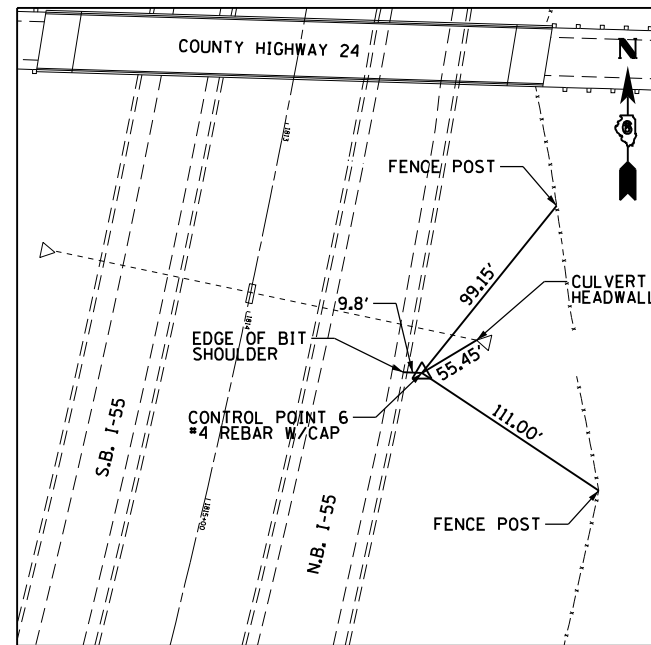
**CONTROL POINT #3**  
 #4 REBAR WITH CAP  
 N = 932709.055  
 E = 2444683.582



**CONTROL POINT #4**  
 #4 REBAR WITH CAP  
 N = 933086.446  
 E = 2444814.091



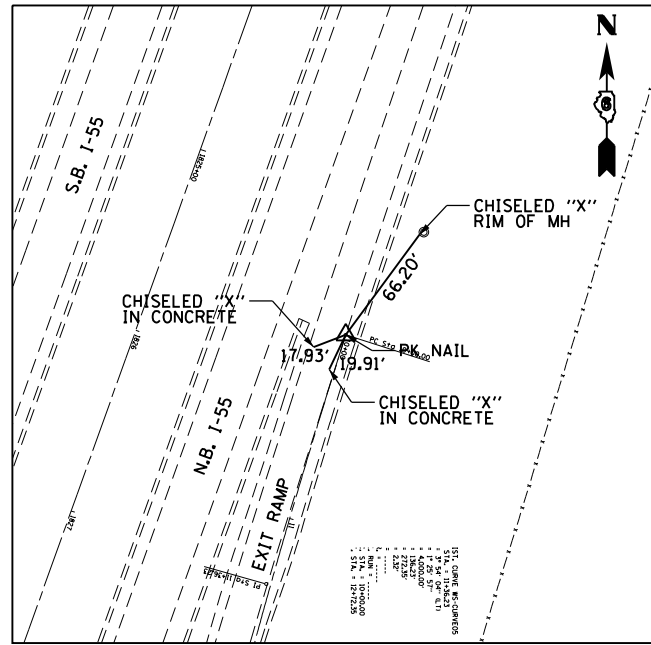
**CONTROL POINT #5**  
 #4 REBAR WITH CAP  
 N = 933735.355  
 E = 2445023.554



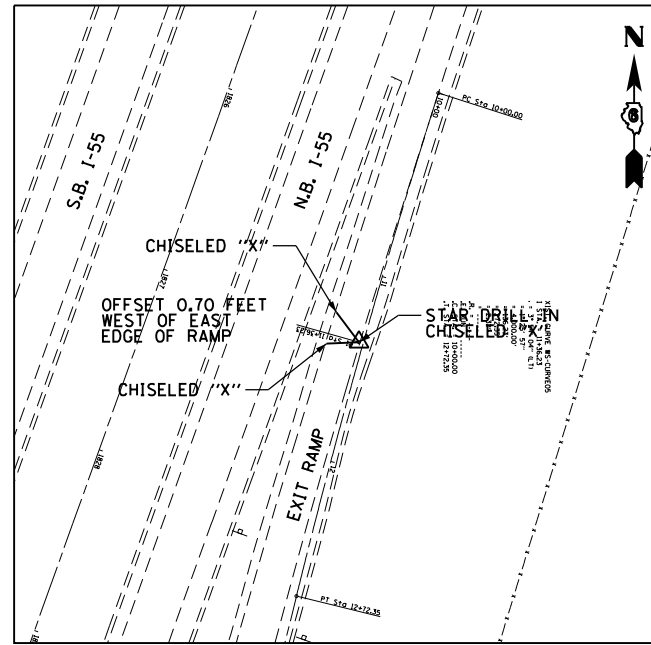
**CONTROL POINT #6**  
 #4 REBAR WITH CAP  
 N = 935069.381  
 E = 2445376.059

- BENCHMARKS**
- BENCHMARK 100 - STATION 1853+52.94, 105.71 LT. OF CENTERLINE MEDIAN SET CHISELED "+" IN WEST BOLT OF OVERHEAD WEIGH STATION SIGN FOUNDATION. ELEVATION = 663.11
  - BENCHMARK 101 - STATION 1847+43.70, 167.60 LT. OF CENTERLINE MEDIAN, SET CHISELED "u" IN NW CORNER LIGHT POLE FOUNDATION (6TH LIGHT POLE SOUTH OF SCALE HOUSE) EAST SIDE OF RAMP. ELEVATION = 656.40
  - BENCHMARK 102 - STATION 1936+44.33, 104.26 LT. OF CENTERLINE MEDIAN, SET CHISELED "u" IN SE CORNER LIGHT POLE FOUNDATION STRAIGHT WEST OF SCALE HOUSE. ELEVATION = 657.45
  - BENCHMARK 103 - STATION 1826+23.20, 105.70 LT. OF CENTERLINE MEDIAN, SET CHISELED "u" IN EAST EDGE OF RAMP. ELEVATION = 660.15

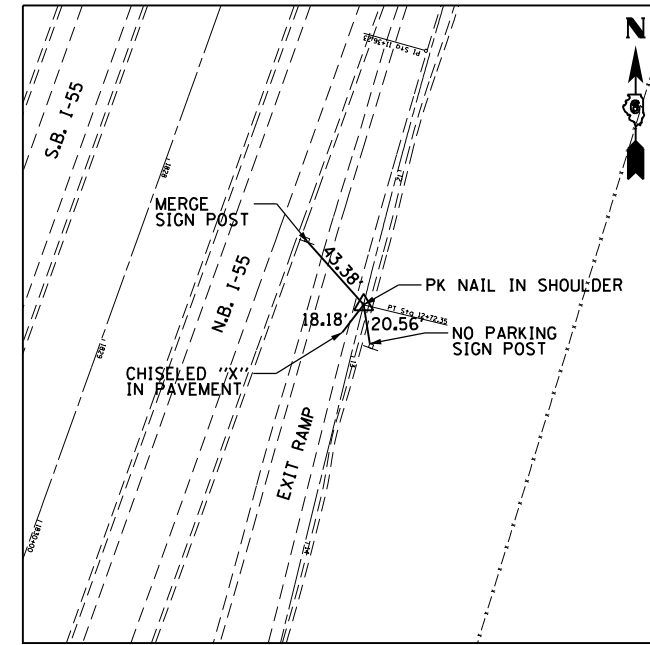
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SURVEY CONTROL POINTS AND BENCHMARKS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\d0216368\0672505-sh1-BM_CP.dgn		DRAWN -	REVISED -					55	68-2WS-2	MONTGOMERY	124	17
PLOT SCALE = 200.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 72505							
PLOT DATE = Apr-11-2013 03:49:47PM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



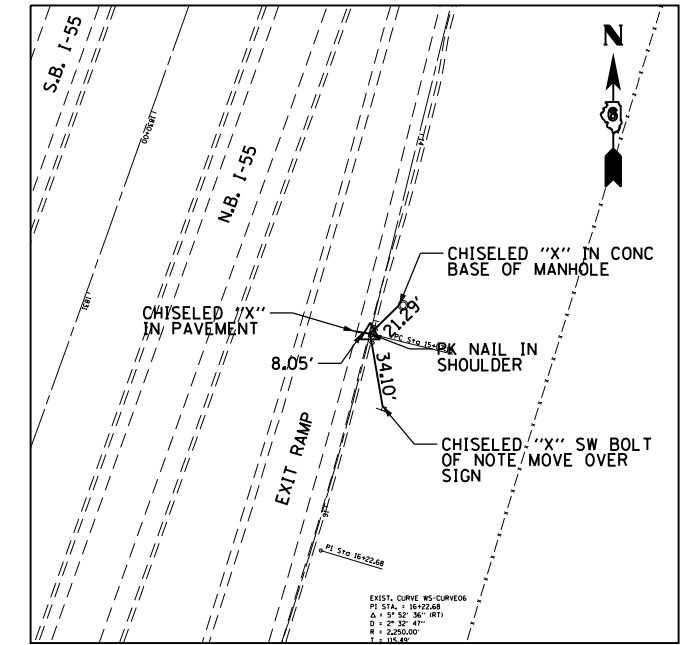
**PC STATION 10+00.00**  
 PK NAIL  
 N = 933,954.21  
 E = 2,445,038.87



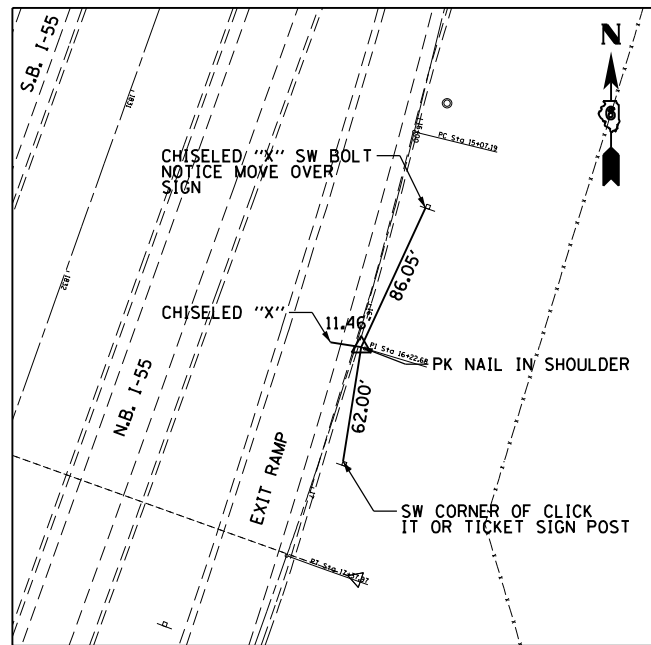
**PI STATION 11+36.23**  
 STAR DRILL IN CHISELED X  
 N = 933,824.43  
 E = 2,444,997.43



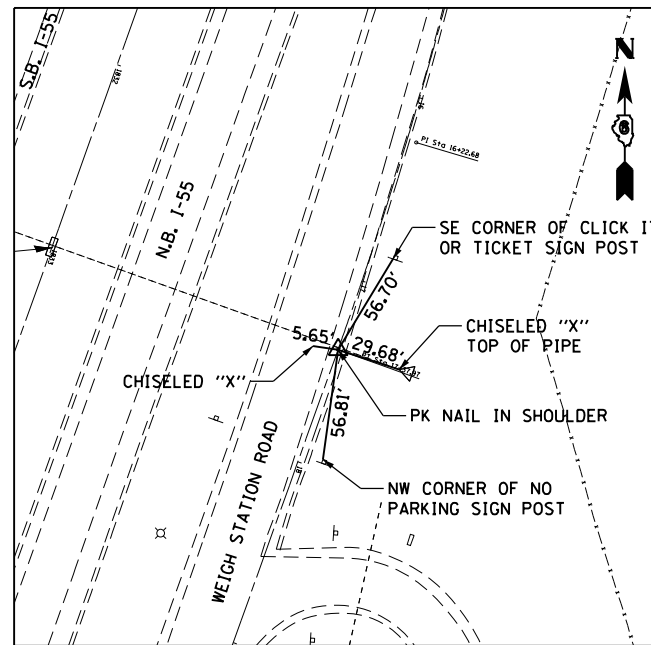
**PT STATION 12+72.35**  
 PK NAIL IN SHOULDER  
 N = 933,692.14  
 E = 2,444,964.91



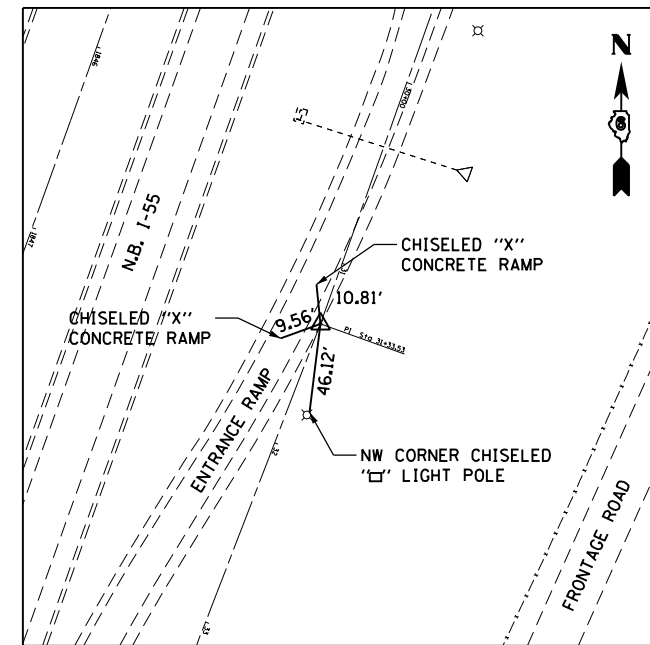
**PC STATION 15+07.19**  
 PK NAIL IN SHOULDER  
 N = 933,464.09  
 E = 2,444,908.86



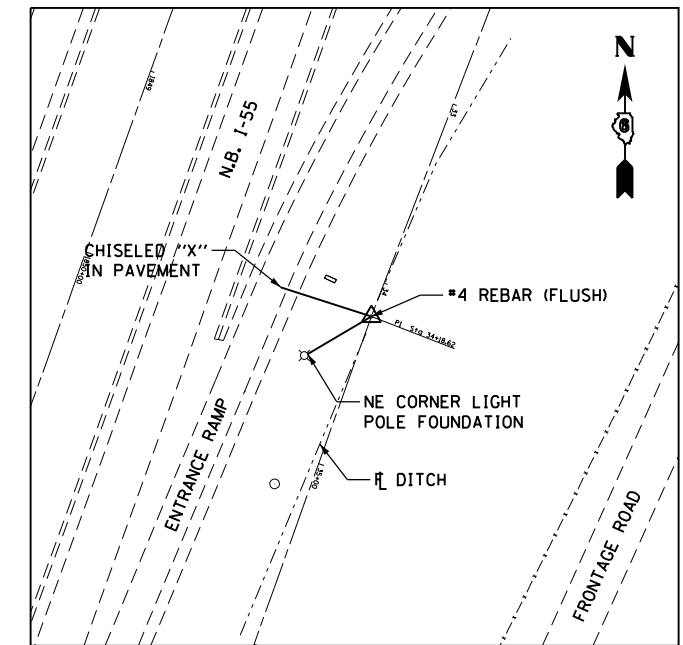
**PI STATION 16+22.68**  
 PK NAIL IN SHOULDER  
 N = 933,351.94  
 E = 2,444,881.29



**PT STATION 17+37.97**  
 PK NAIL IN SHOULDER  
 N = 933,243.20  
 E = 2,444,842.39



**PI STATION 31+33.53**  
 PK NAIL IN SHOULDER  
 N = 931,929.20  
 E = 2,444,372.28



**PI STATION 34+18.62**  
 #4 REBAR (FLUSH)  
 N = 931,663.22  
 E = 2,444,269.68

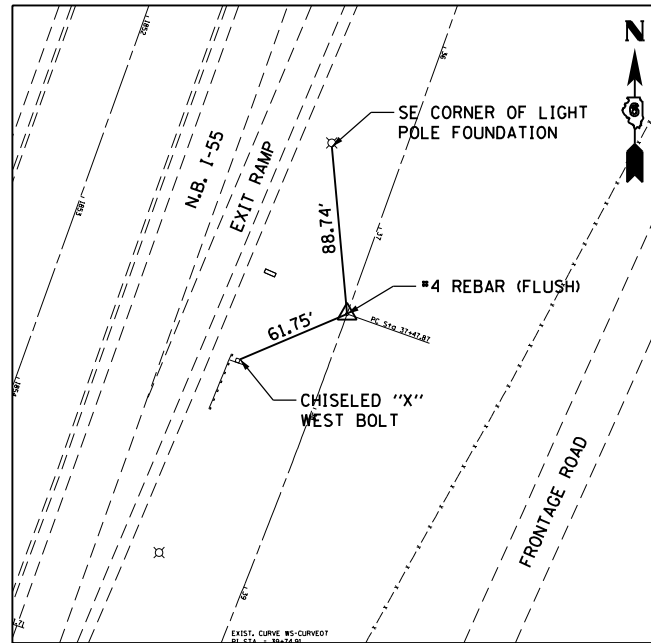
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
ca:\pw_work\p1d0t\sparksgw\10216368\0672505-sh1-Align_Ties.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

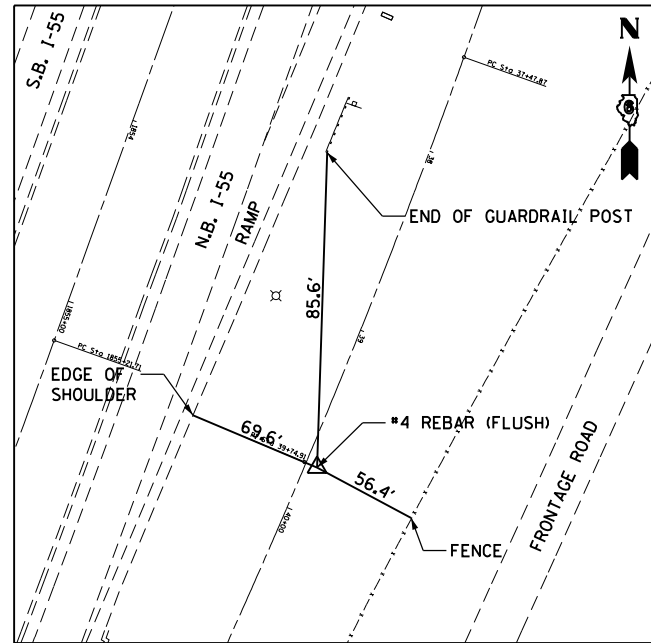
**ALIGNMENT TIES  
 PROPOSED WEIGH STATION ROAD**

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

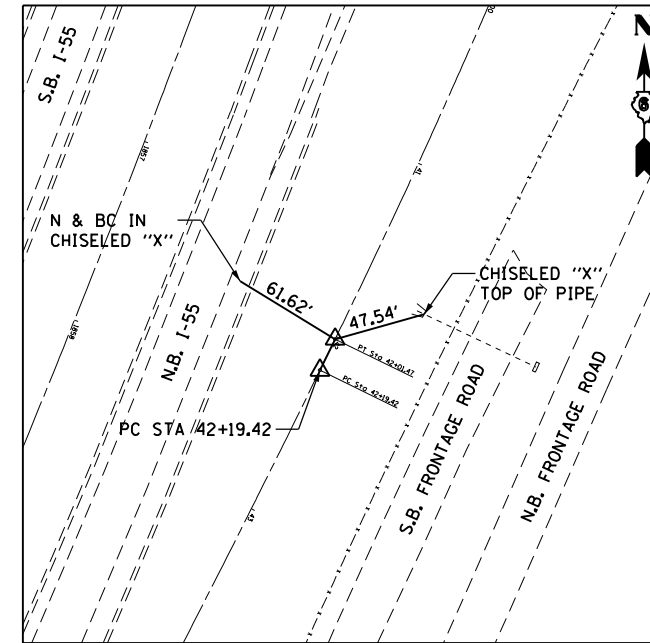
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	18
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	



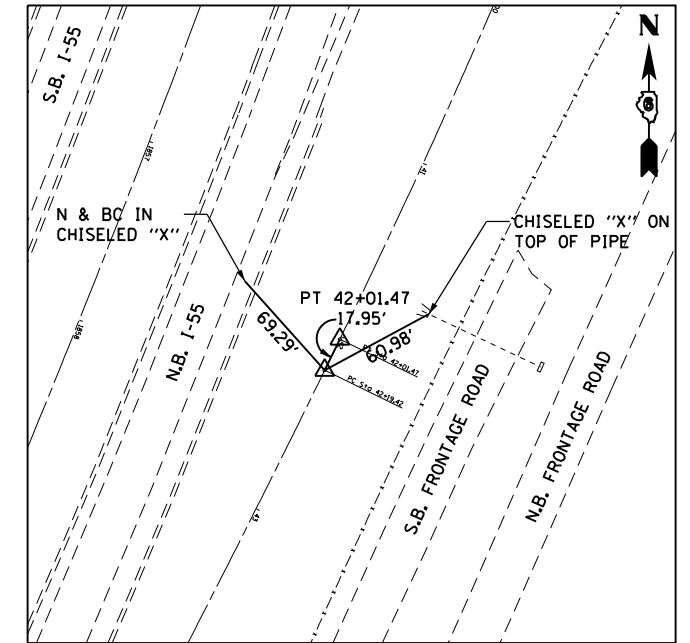
**PC STATION 37+47.87**  
#4 REBAR (FLUSH)  
N = 931,353.21  
E = 2,444,158.77



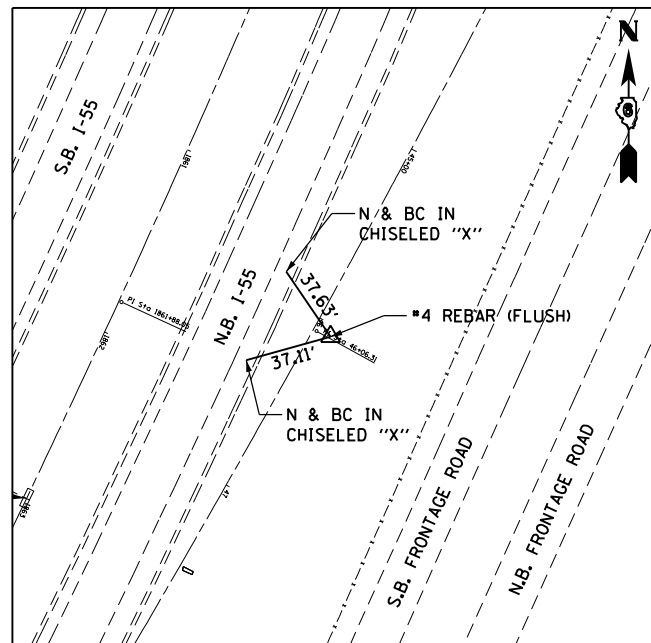
**PI STATION 39+74.91**  
#4 REBAR (FLUSH)  
N = 931,139.44  
E = 2,444,082.29



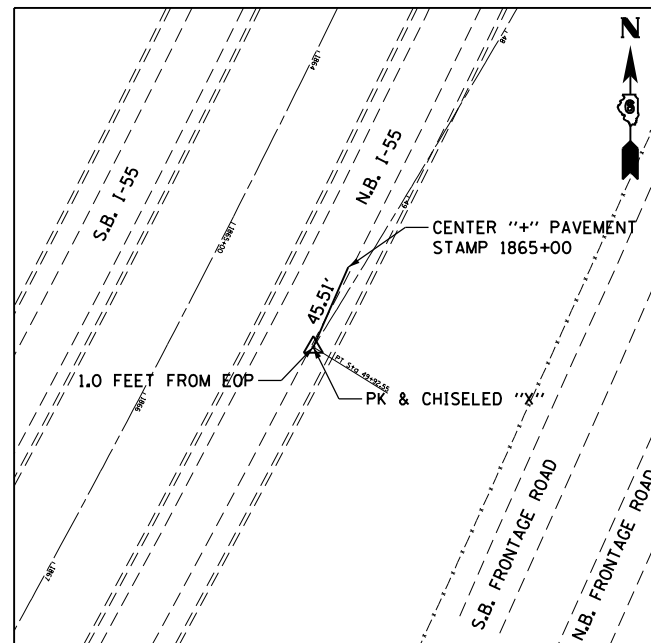
**PT STATION 42+01.47**  
#4 REBAR (FLUSH)  
N = 930,935.48  
E = 2,443,982.57



**PC STATION 42+19.42**  
#4 REBAR (FLUSH)  
N = 930,919.36  
E = 2,443,974.70



**PI STA 46+06.31**  
#4 REBAR (FLUSH)  
N = 930,571.78  
E = 2,443,804.78



**PT STATION 49+92.55**  
PK & CHISELED "X"  
N = 930,571.78  
E = 2,443,601.01

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pw\work\p\dot\sparksgw\10216368\0672505-sh-t-Align-Ties.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

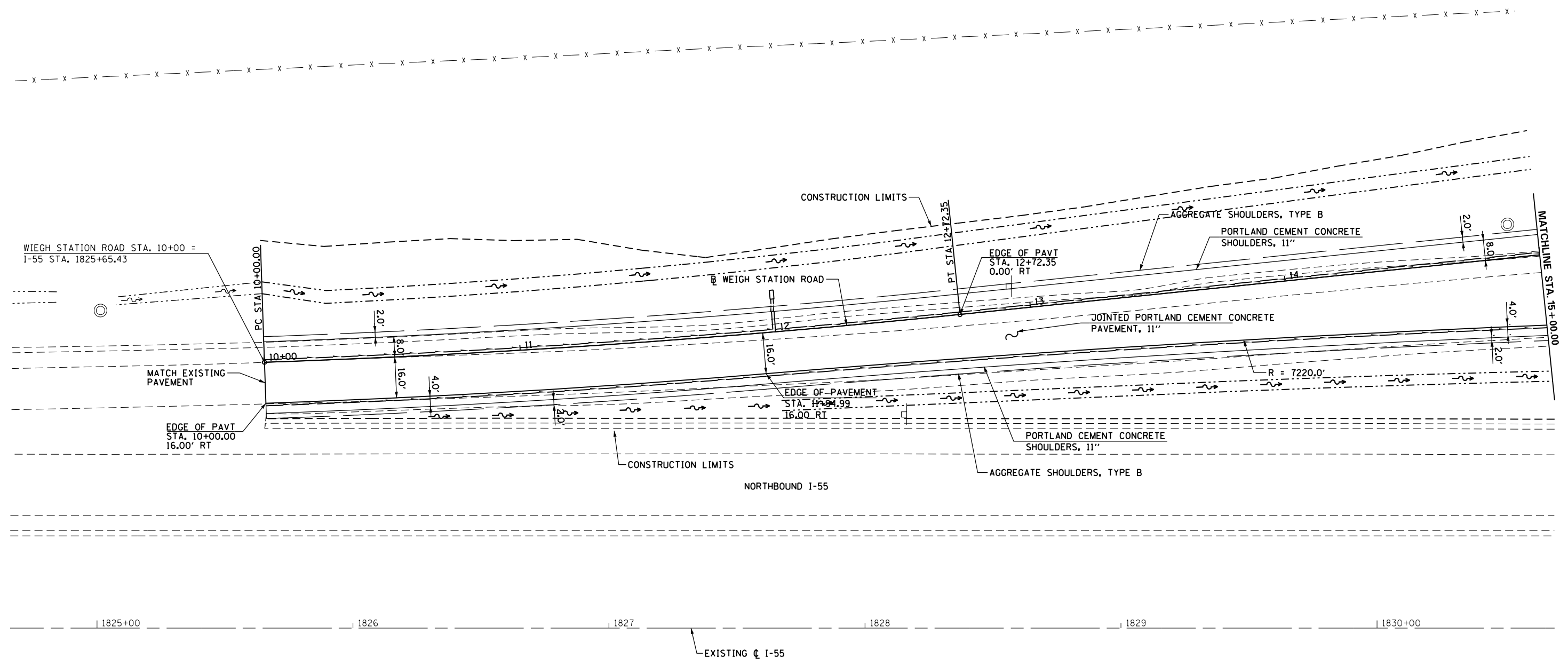
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ALIGNMENT TIES PROPOSED WEIGH STATION ROAD</b>			
SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	19
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				

EXISTING I-55										
POINT NAME	CURVE NAME	GRID COORDINATES		EASTING	DELTA	RADIUS	TANGENT	LENGTH	EXTERNAL	
		STATION	NORTHING							
I5501		1771+12.90	939,382.07	2,445,361.94						
I5502		1801+11.70	936,383.64	2,445,409.48						
	PC	1801+11.70	936,383.64	2,445,409.48						
	I55-1	PI	1811+51.19	935,344.28	2,445,425.95	20° 35' 38.61" RT	5,721.63'	1,039.49'	2,056.55'	93.66'
		PT	1821+68.25	934,365.55	2,445,075.79					
		CC		936,292.95	2,439,688.56					
I5503		1821+68.25	934,365.55	2,445,075.79						
I5504		1855+24.27	931,205.68	2,443,945.27						
	PC	1855+24.27	931,205.68	2,443,945.27						
	I55-2	PI	1861+90.60	930,578.28	2,443,720.81	9° 56' 49.31" RT	7,657.06'	666.34'	1,329.33'	28.94'
		PT	1868+53.60	929,999.09	2,443,391.34					
		CC		933,785.05	2,436,735.74					
I5505		1868+53.60	929,999.09	2,443,391.34						
I5506		2+22.00	929,943.29	2,443,359.60						
I5507		20+02.55	928,395.61	2,442,479.22						

PROPOSED WEIGH STATION ROAD										
POINT NAME	CURVE NAME	GRID COORDINATES		EASTING	DELTA	RADIUS	TANGENT	LENGTH	EXTERNAL	
		STATION	NORTHING							
		PC	10+00.00	933,954.21	2,445,038.87					
	WS-1	PI	11+36.23	933,824.43	2,444,997.43	3° 54' 04.31" LT	4,000.00'	136.23'	272.35'	2.32'
		PT	12+72.35	933,692.14	2,444,964.91					
		CC		932,737.38	2,448,849.30					
		PC	15+07.19	933,464.09	2,444,908.86					
	WS-2	PI	16+22.68	933,351.94	2,444,881.29	5° 52' 35.84" RT	2,250.00'	115.49'	230.77'	2.96'
		PT	17+37.97	933,243.20	2,444,842.39					
		CC		934,001.14	2,442,723.89					
	WS15		31+33.53	931,929.20	2,444,372.28					
	WS16		34+18.62	931,663.22	2,444,269.68					
	WS17		37+47.87	931,353.21	2,444,158.77					
		PC	37+47.87	931,353.21	2,444,158.77					
	WS-3	PI	39+74.91	931,139.44	2,444,082.29	6° 21' 56.90" RT	4,082.69'	227.04'	453.60'	6.31'
		PT	42+01.47	930,935.48	2,443,982.57					
		CC		932,728.54	2,440,314.70					
		PC	42+19.42	930,919.36	2,443,974.70					
	WS-4	PI	46+06.31	930,571.78	2,443,804.78	5° 43' 47.67" RT	7,730.92'	386.89'	773.14'	9.67'
		PT	49+92.55	930,242.89	2,443,601.01					
		CC		934,314.67	2,437,029.26					



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
et:\pwork\pwork\sparksgw\10216368\0672505-sht-plan.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:49:52PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

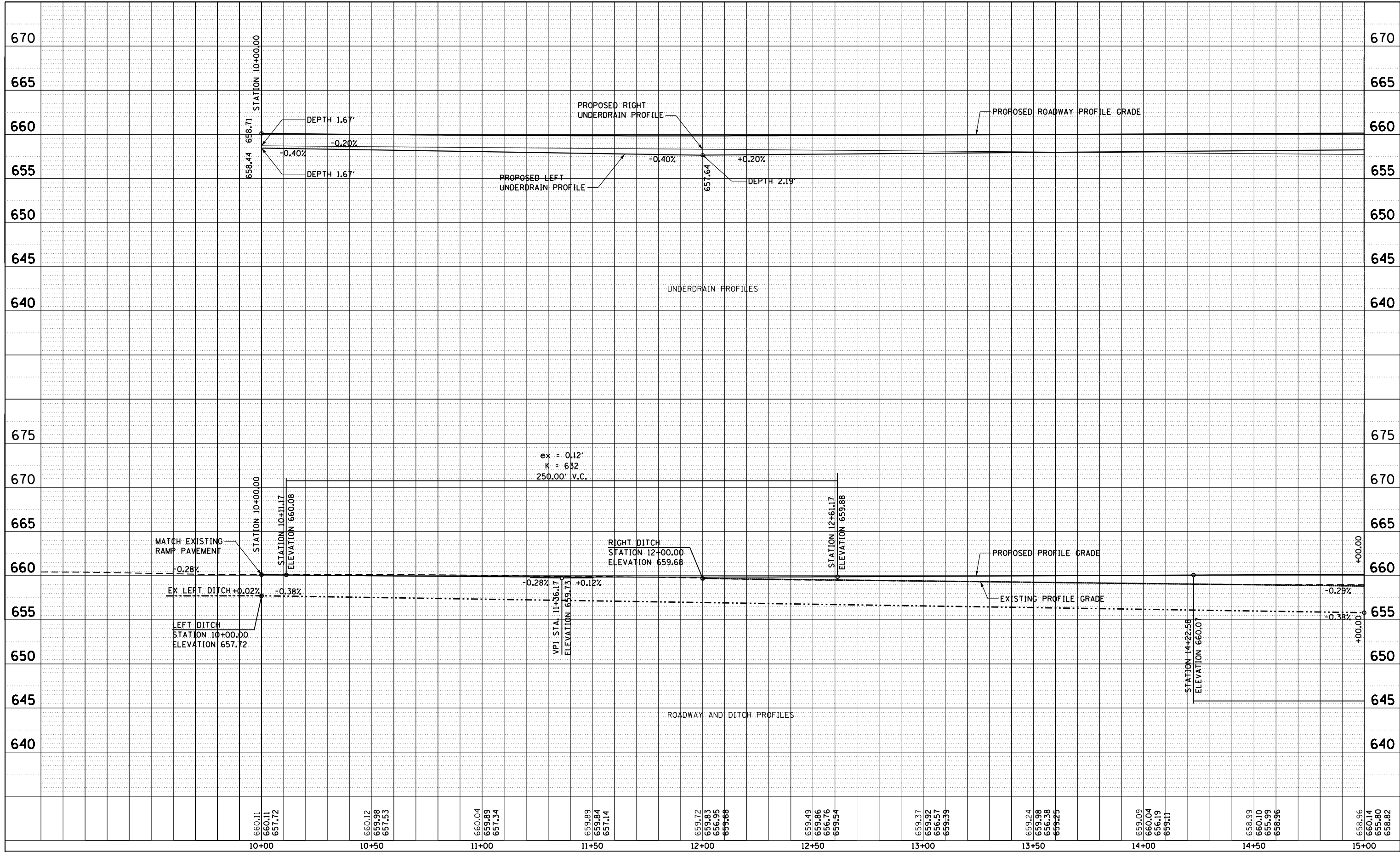
**WEIGH STATION ROAD  
PROPOSED PLAN**

SCALE: 1" = 20'    SHEET NO. 1 OF 7 SHEETS    STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	21
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				

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

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

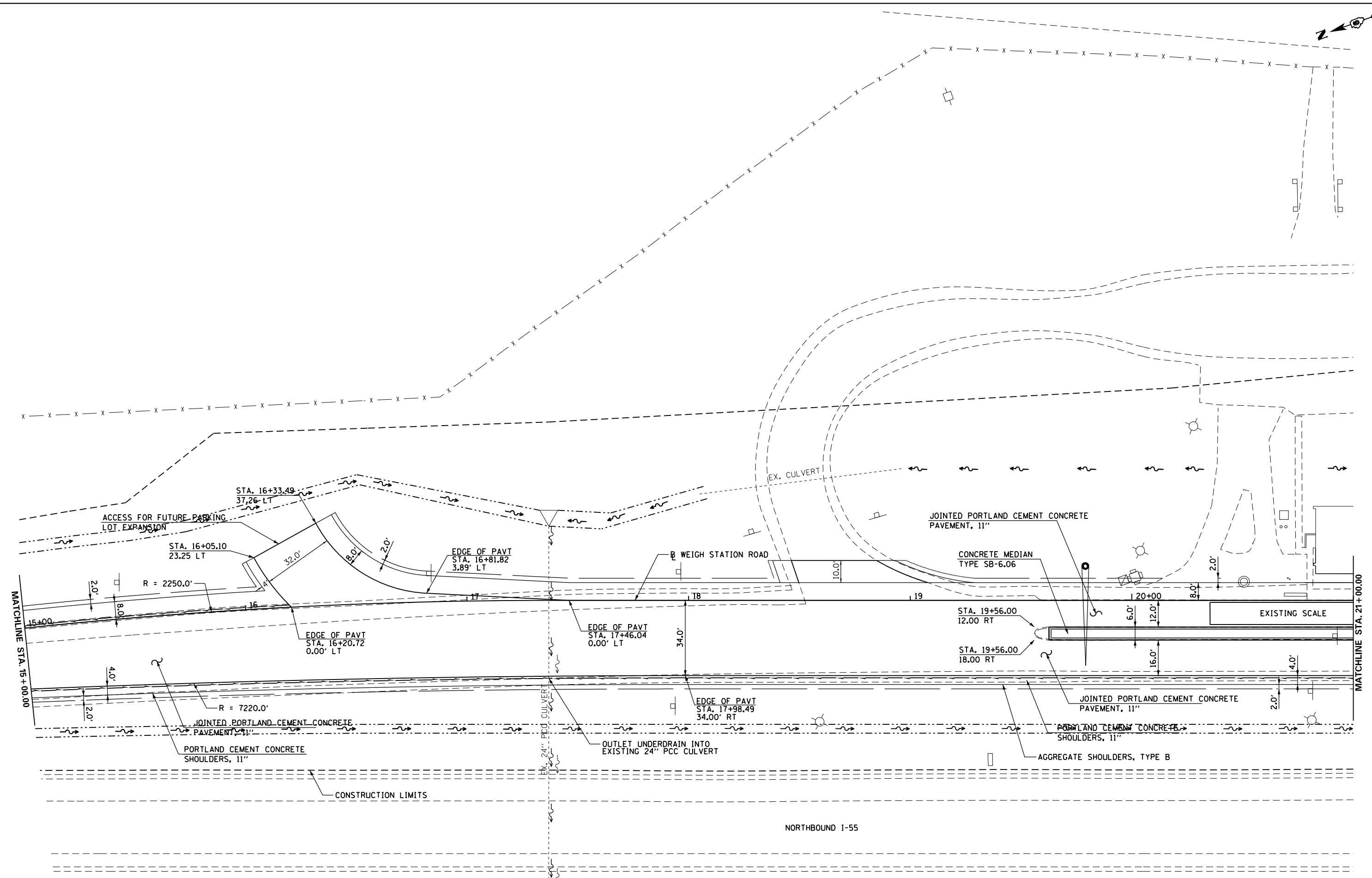


FILE NAME =	USER NAME = sparksqw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksqw\d0216368\0672505-sht-profile-wsr.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-11-2013 03:49:56PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>WEIGH STATION ROAD PROFILE</b>			
SCALE:	SHEET 1	OF 7 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	22
CONTRACT NO.			72505	
ILLINOIS FED. AID PROJECT				



NORTHBOUND I-55

FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
et:\pw\work\p\dot\sparksgw\10216368\0672505-shr-plan.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:49:57PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEIGH STATION ROAD  
PROPOSED PLAN**

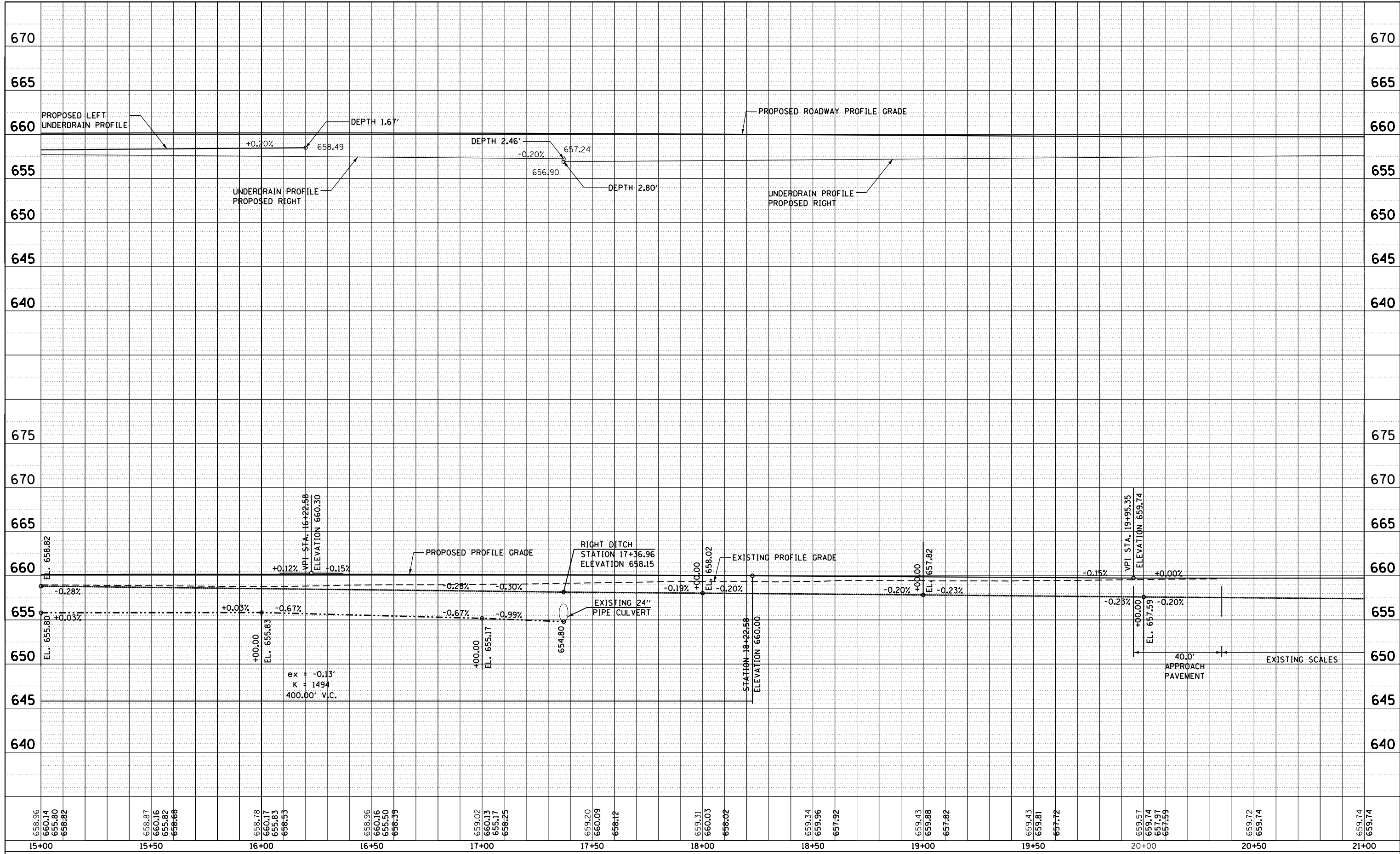
SCALE: 1" = 20' SHEET NO. 2 OF 7 SHEETS STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	23
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	

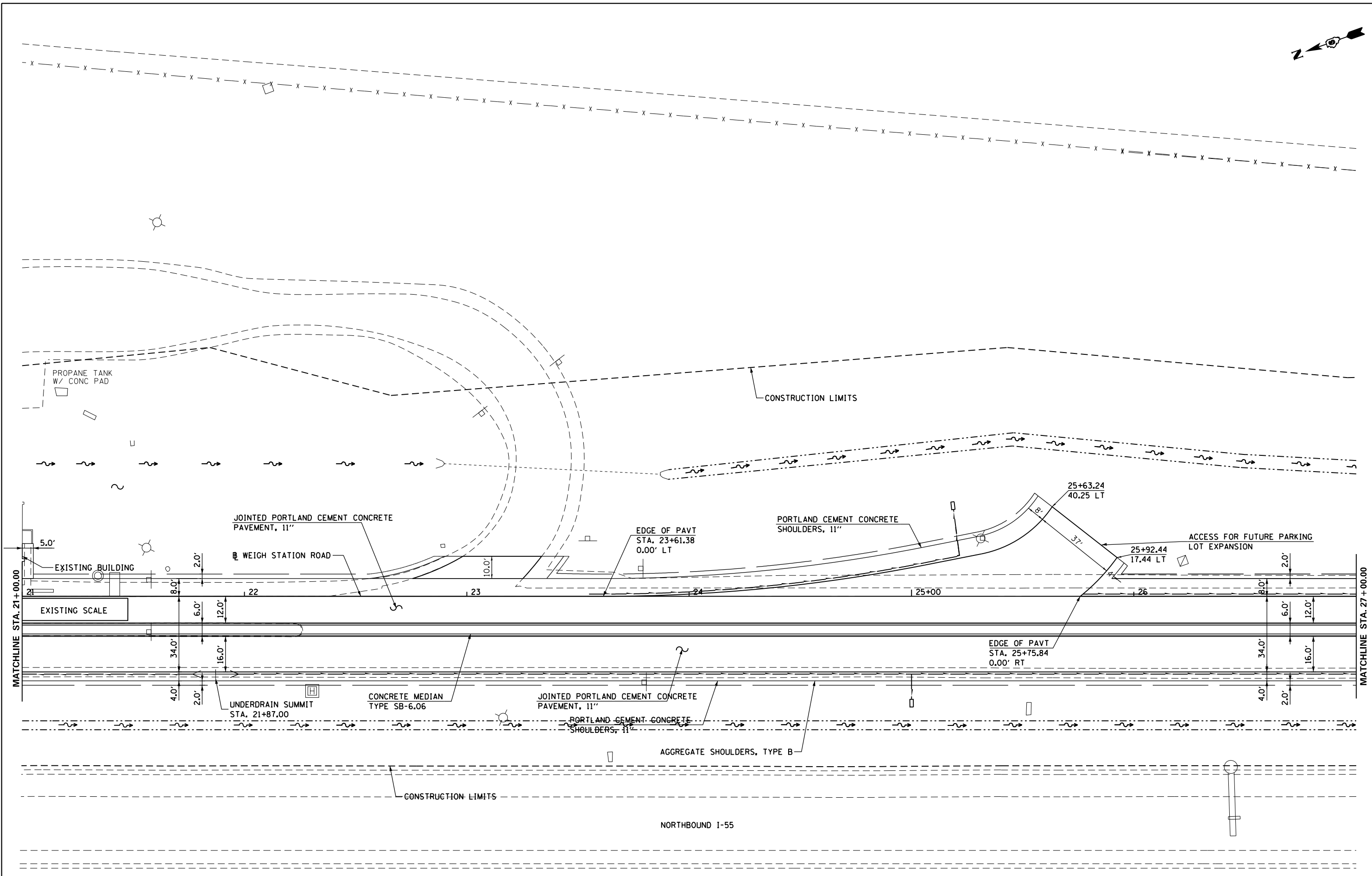


PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	



FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH STATION ROAD PROFILE</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\sparksq\d0216368\0672505-shr-profile-wsr.dgn		DRAWN -	REVISED -			55	68-2WS-2	MONTGOMERY	124	24
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 72505				
Default	PLOT DATE = Apr-11-2013 03:49:59PM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
ci:\pw\work\p\idot\sparksgw\0216368\0672505-sht-plan.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:01PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

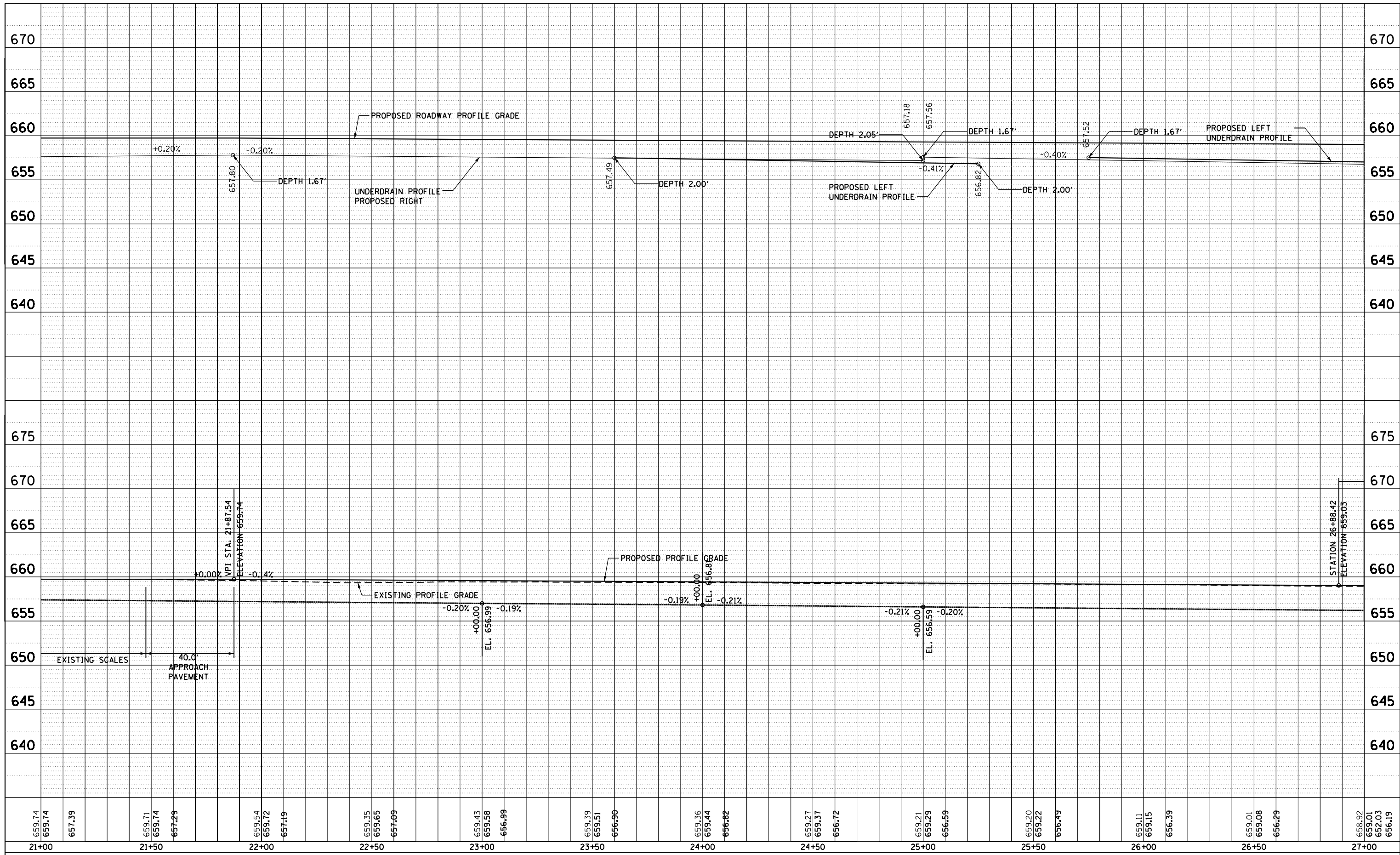
**WEIGH STATION ROAD  
PROPOSED PLAN**

SCALE: 1" = 20'    SHEET NO. 3 OF 7 SHEETS    STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	25
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	

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

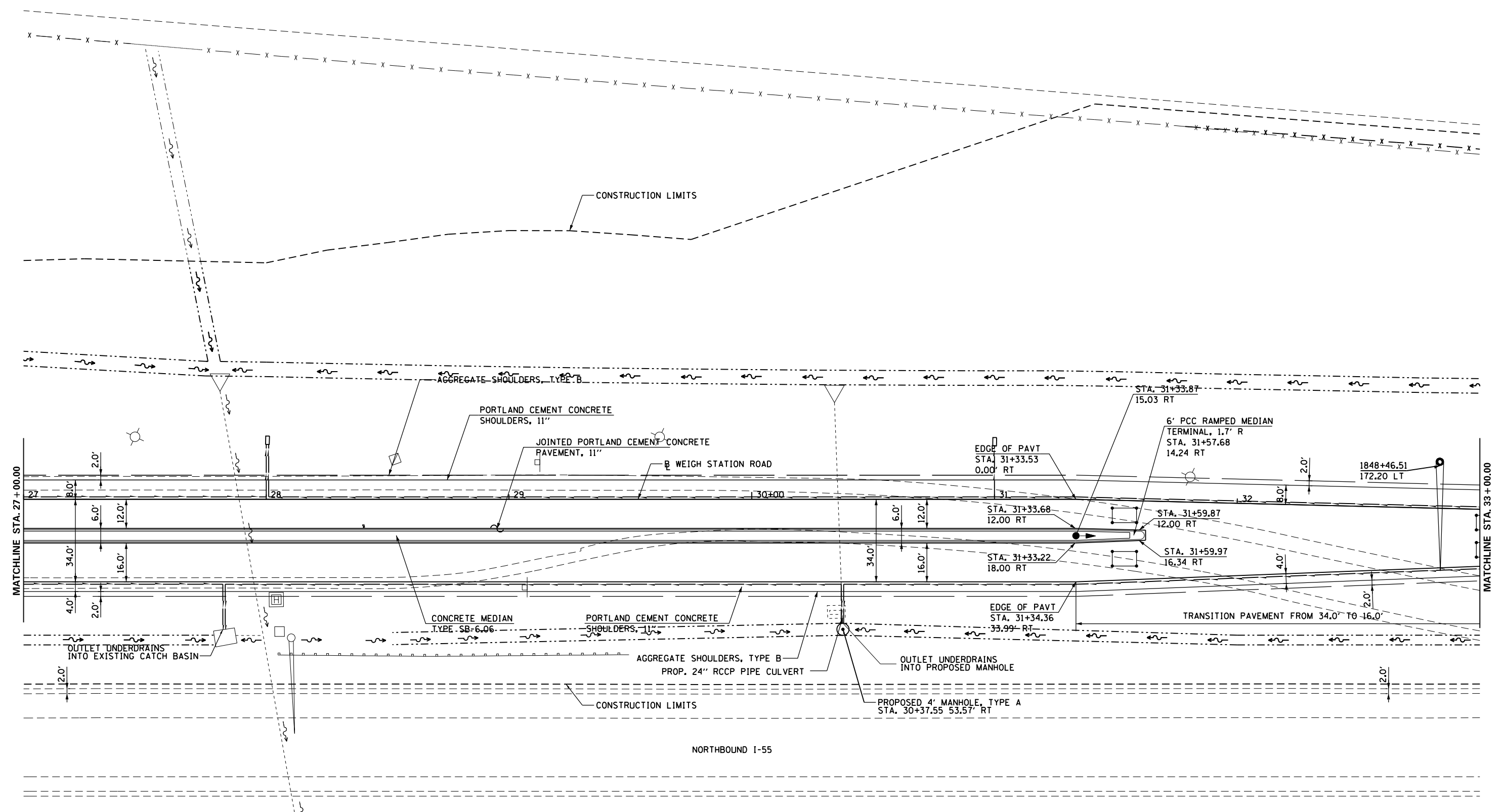


659.74	659.74	657.39	659.71	659.74	657.29	659.54	659.72	657.19	659.35	659.65	657.09	659.43	659.58	656.99	659.39	659.51	656.90	659.36	659.44	656.82	659.27	659.37	656.72	659.21	659.29	656.59	659.20	659.22	656.49	659.11	659.15	656.39	659.01	659.08	656.29	658.92	659.01	652.03	656.19
21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00																											

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksgw\d0216368\0672505-sh-profile-wr.dgn		DRAWN -	REVISED -
Default	PLOT DATE = Apr-11-2013 03:50:04PM	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

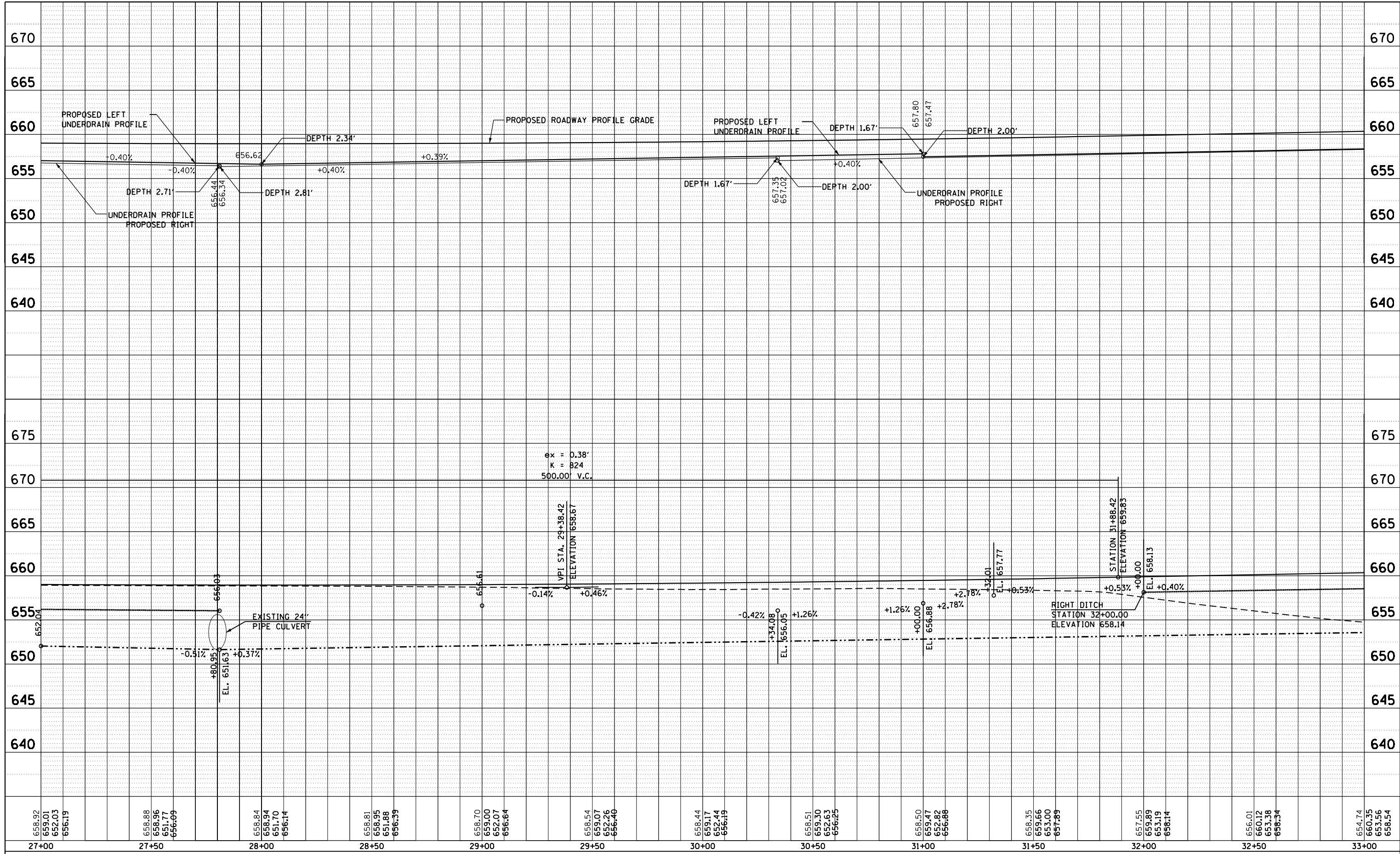
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 124 26 CONTRACT NO. ILLINOIS FED. AID PROJECT						



FILE NAME = c:\pwwork\pwwork\sparks\10216368\0672505-sht-plan.dgn	USER NAME = sparksq	DESIGNED - MEW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH STATION ROAD PROPOSED PLAN</b>			F.A.I. R.T.E. = 55	SECTION = 68-2WS-2	COUNTY = MONTGOMERY	TOTAL SHEETS = 124	SHEET NO. = 27
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -					CONTRACT NO. 72505				
PLOT DATE = Apr-11-2013 03:50:07PM	DATE - VJM	REVISED -	SCALE: 1" = 20'			SHEET NO. 4 OF 7 SHEETS	STA. 10+00.00 TO STA. 15+00.00	ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	



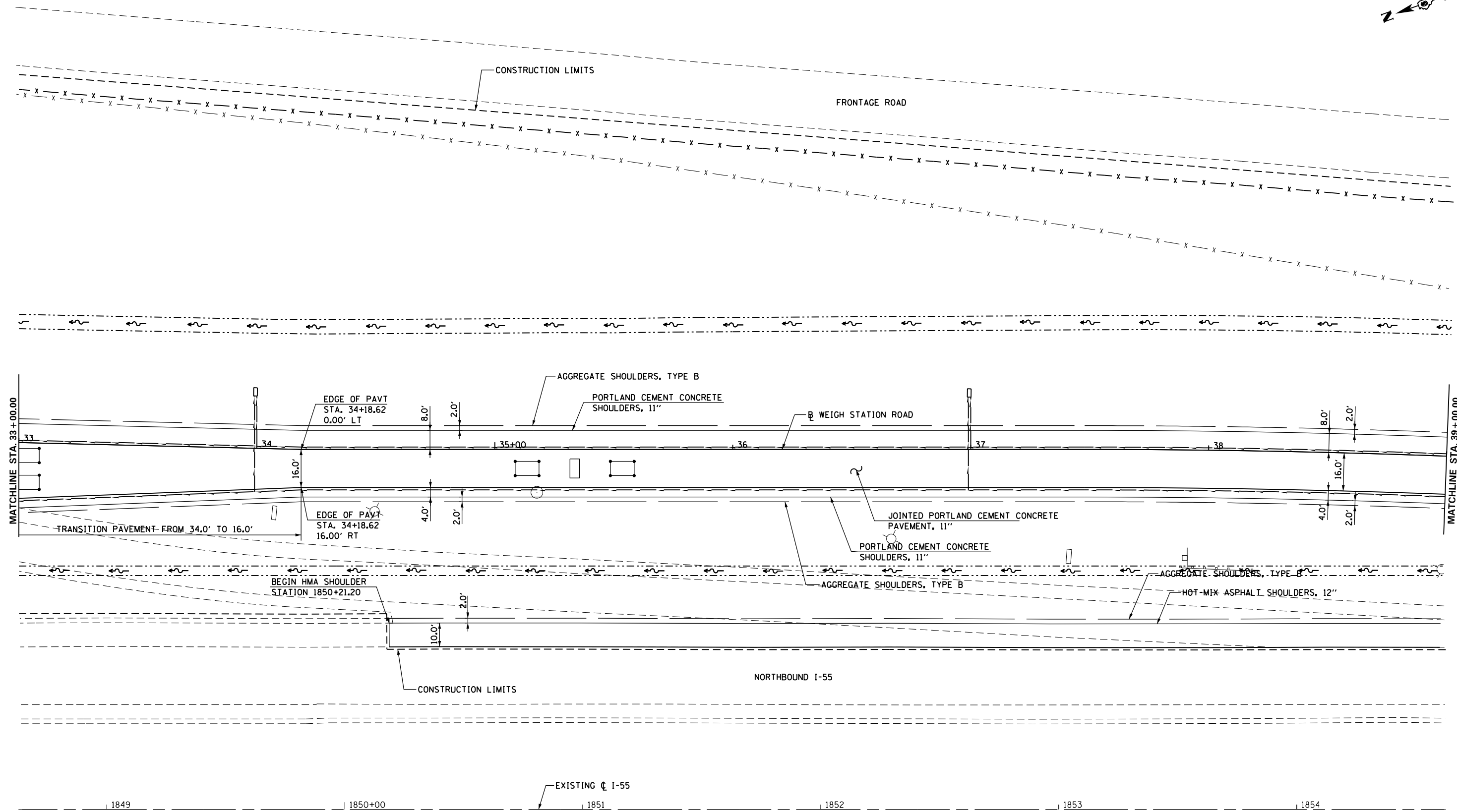
658.92	658.88	658.84	658.81	658.70	658.54	658.44	658.51	658.50	658.35	657.55	656.01	654.74
659.01	658.96	658.94	658.95	659.00	659.07	659.17	659.30	659.47	659.66	659.89	660.12	660.35
656.19	656.09	656.14	656.39	656.64	656.40	656.19	656.25	656.88	657.89	658.14	658.34	658.54
27+00	27+50	28+00	28+50	29+00	29+50	30+00	30+50	31+00	31+50	32+00	32+50	33+00

FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -
c:\pwork\pwork\sparksq\d0216368\0672505-sh-profile-wr.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
Default	PLOT DATE = Apr-11-2013 03:50:08PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			124	28
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
ei:\pwork\pwork\sparksgw\0216368\0672505-shr-plan.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:10PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

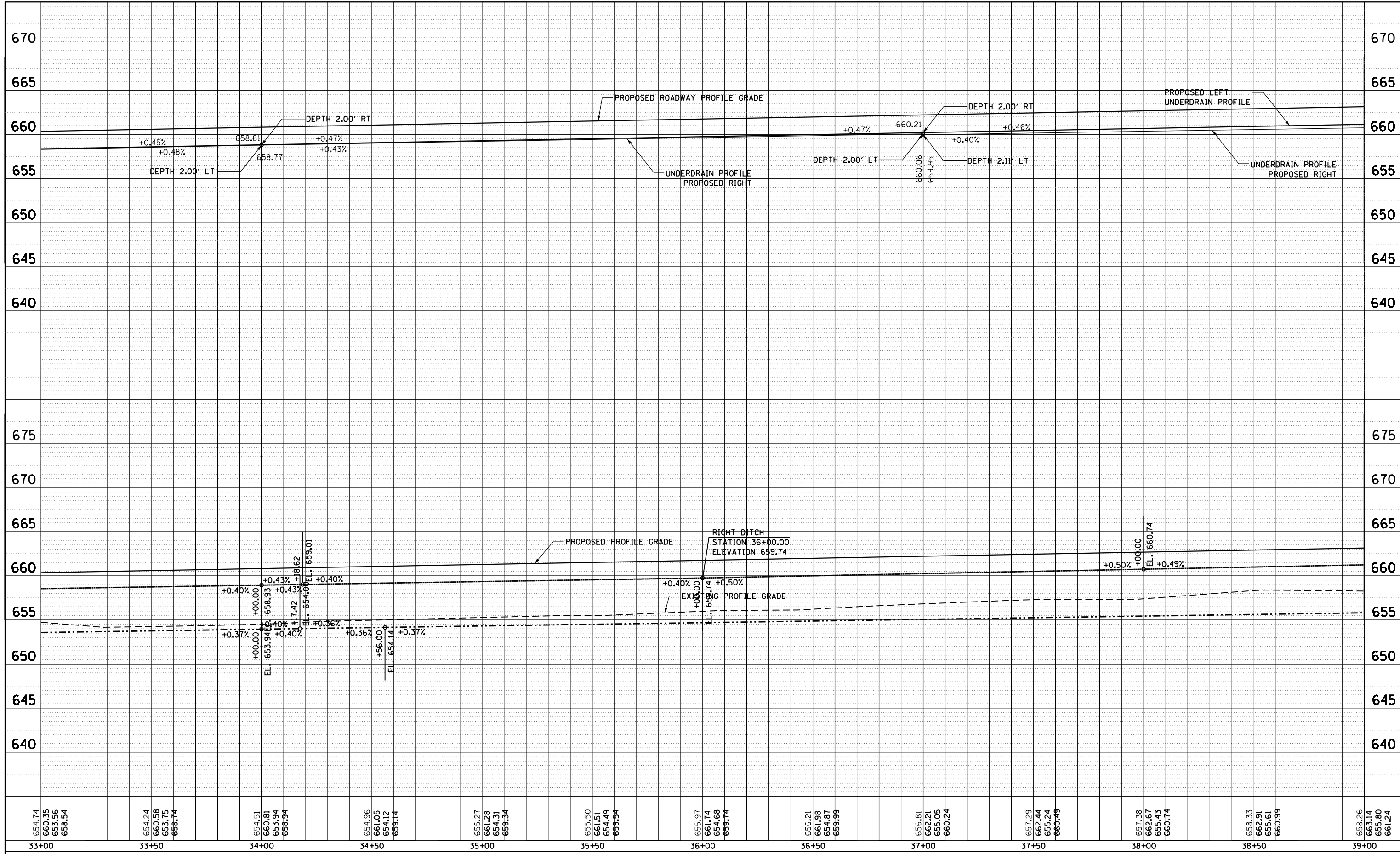
**WEIGH STATION ROAD  
PROPOSED PLAN**

SCALE: 1" = 20'    SHEET NO. 5 OF 7 SHEETS    STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	29
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	

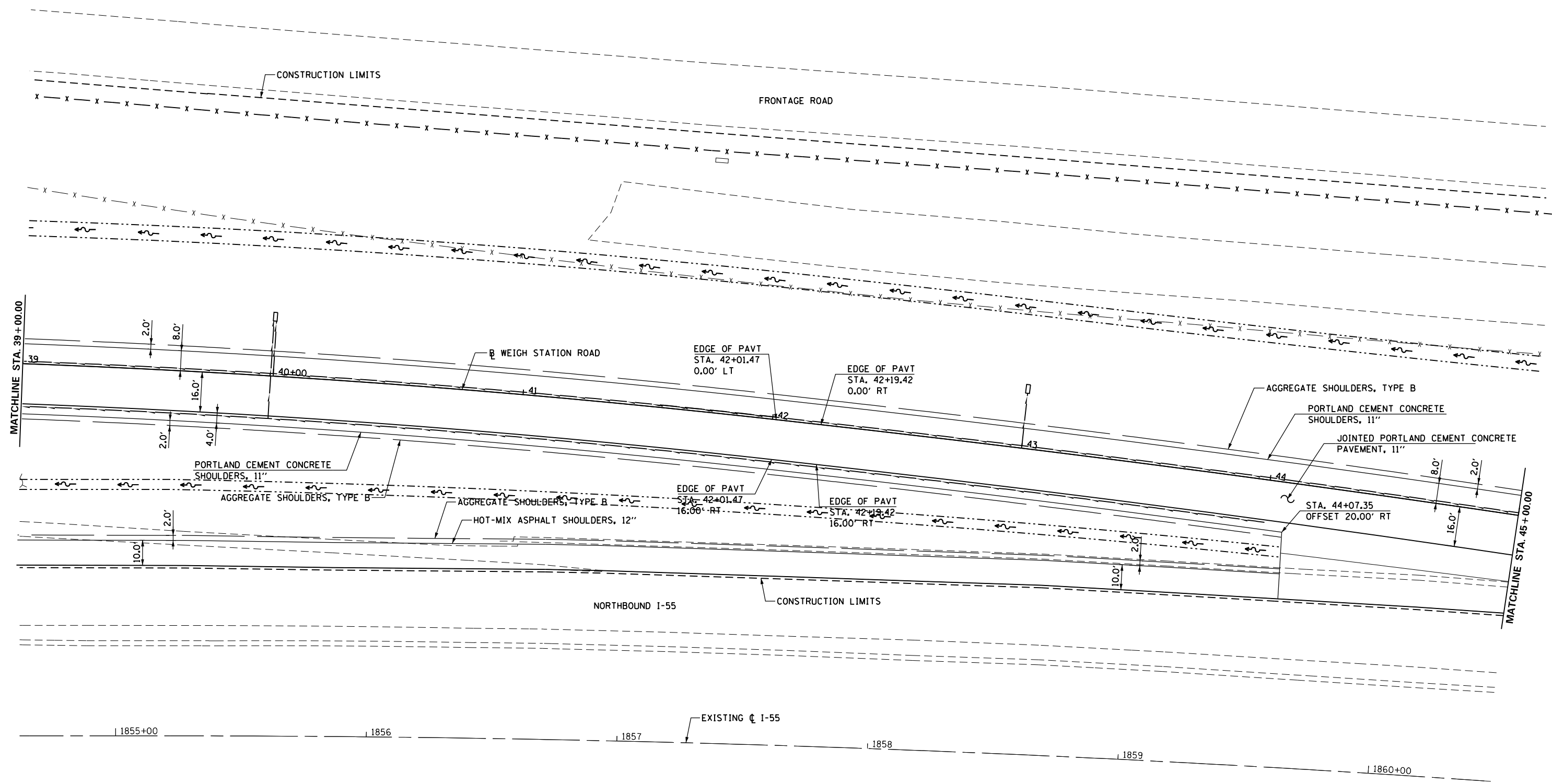


FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksgw\0216368\0672505-sht-profile-wr.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-11-2013 03:50:12PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			124	30
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

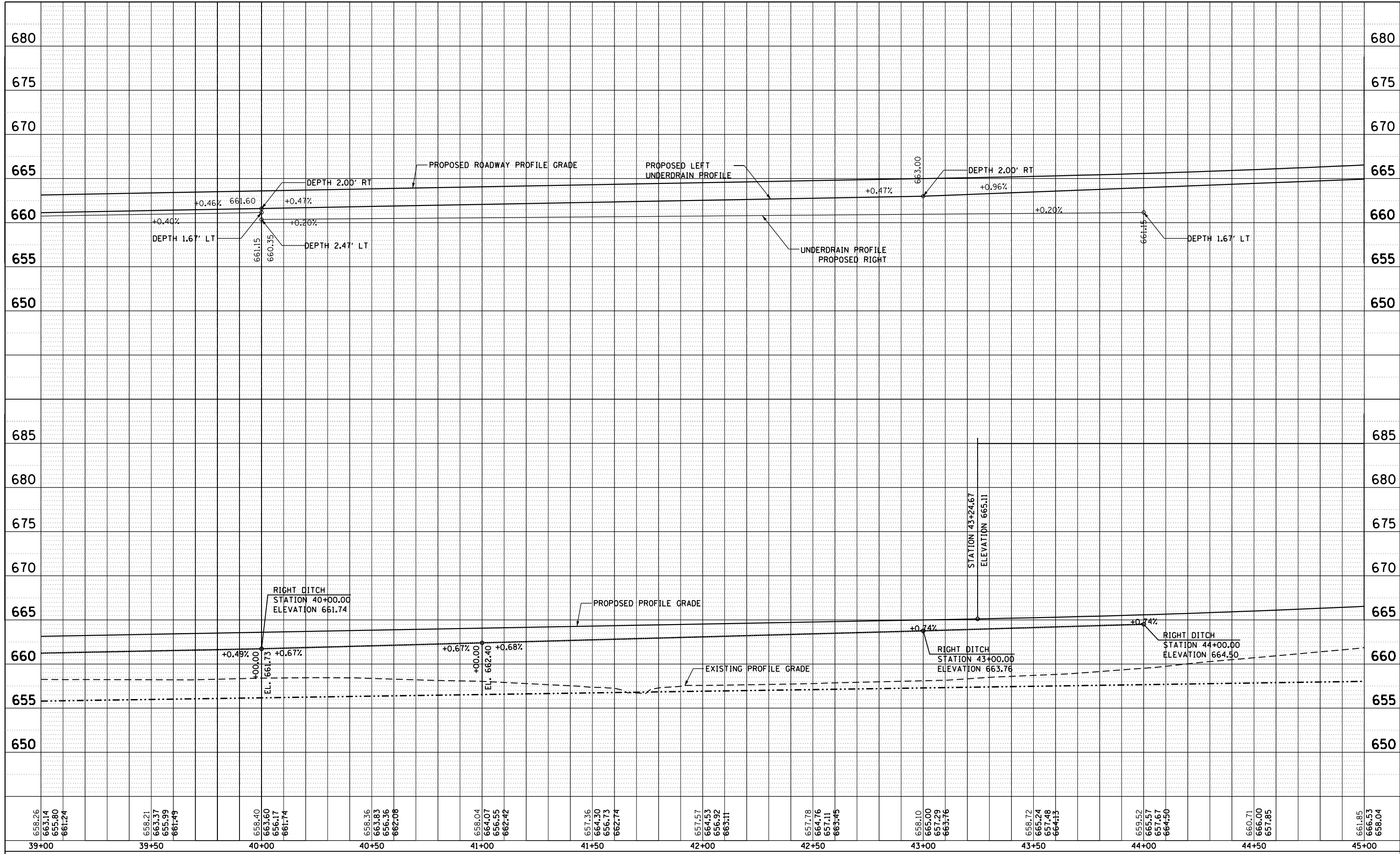


FILE NAME = c:\pwwork\pwwork\sparksgw\0216368\0672505-shr-plan.dgn	USER NAME = sparksgw	DESIGNED - MEW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH STATION ROAD PROPOSED PLAN</b>			F.A.I. RTE. = 55	SECTION = 68-2WS-2	COUNTY = MONTGOMERY	TOTAL SHEETS = 124	SHEET NO. = 31	
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -					CONTRACT NO. 72505					
PLOT DATE = Apr-11-2013 03:50:14PM	DATE - VJM	REVISED -	REVISED -	SCALE: 1" = 20'			SHEET NO. 6 OF 7 SHEETS			STA. 39+00.00 TO STA. 45+00.00		ILLINOIS FED. AID PROJECT	



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

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



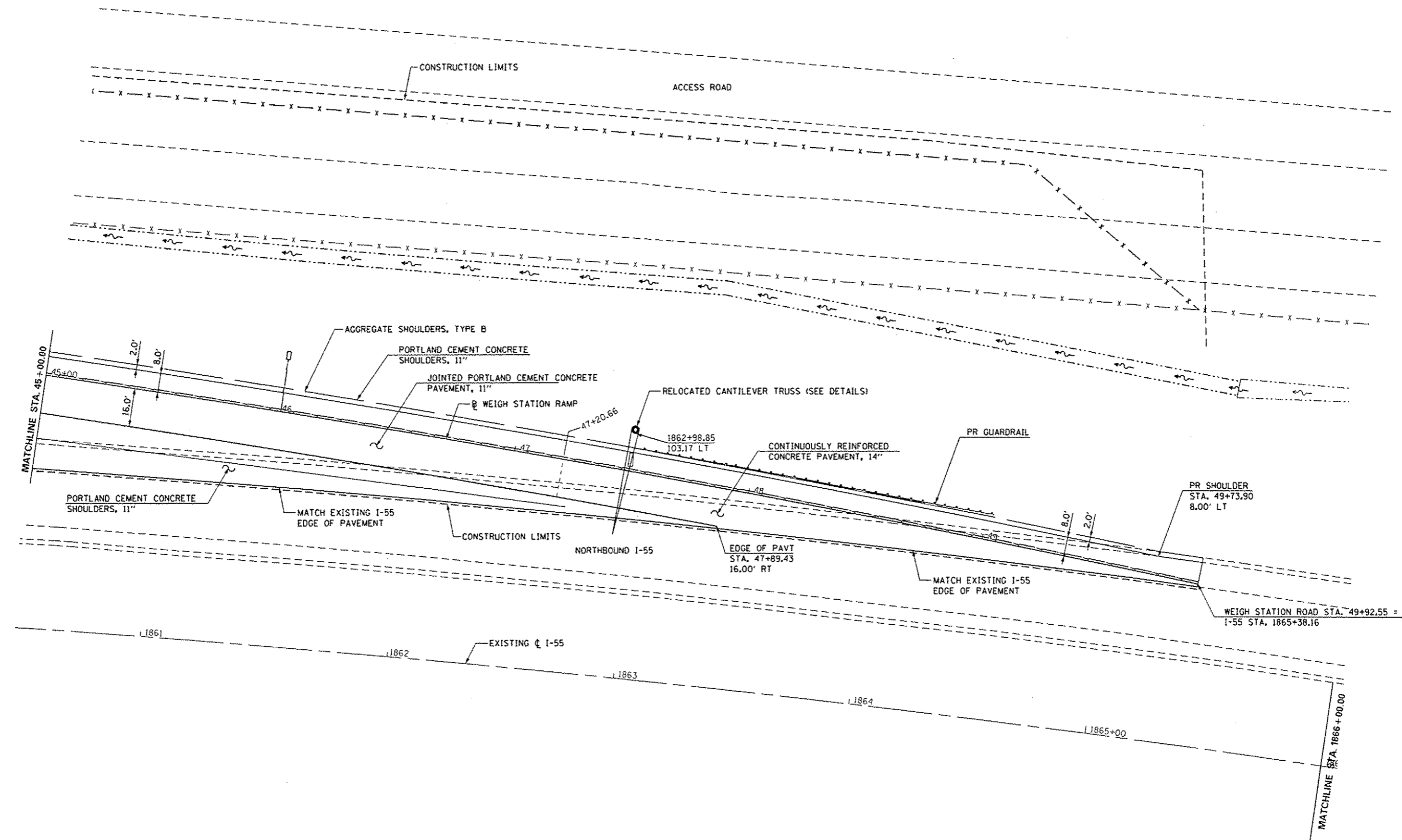
658.26	658.21	658.40	658.36	658.04	657.36	657.57	657.78	658.10	658.72	659.52	660.71	661.85
663.14	663.37	663.60	663.83	664.07	664.30	664.53	664.76	665.00	665.24	665.57	666.00	666.53
655.80	655.99	656.17	656.36	656.55	656.73	656.92	657.11	657.29	657.48	657.67	657.85	658.04
661.24	661.49	661.74	662.08	662.42	662.74	663.11	663.45	663.76	664.13	664.50	664.85	665.04
39+00	39+50	40+00	40+50	41+00	41+50	42+00	42+50	43+00	43+50	44+00	44+50	45+00

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksgw\0216368\0672505-sh-profile-ws-r.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-11-2013 03:50:15PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

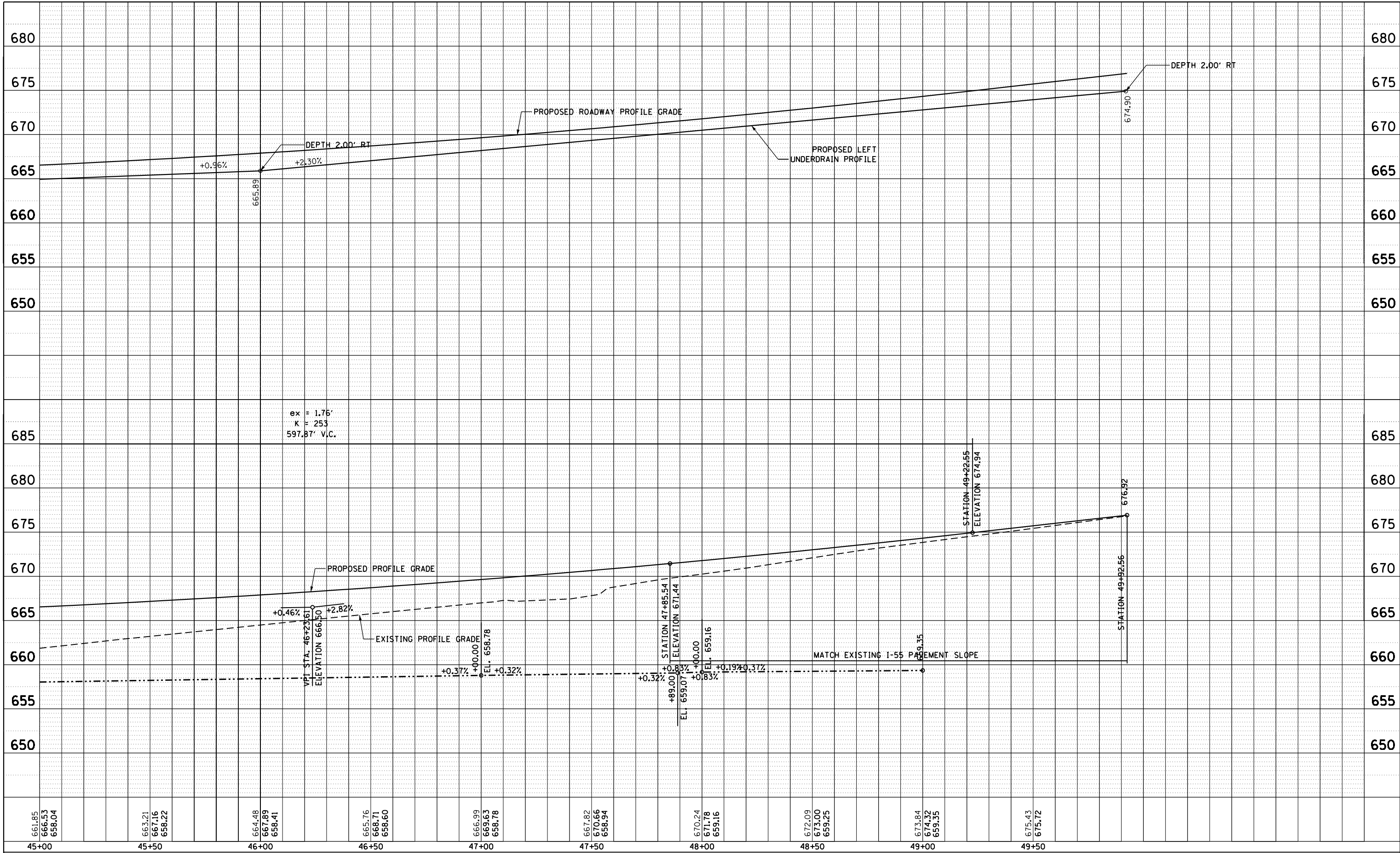
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			124	32
CONTRACT NO.			ILLINOIS FED. AID PROJECT	



FILE NAME :	USER NAME : sparksgw	DESIGNED - MEW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH STATION ROAD PROPOSED PLAN</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\projdot\sparksgw\0216368\007	509-shr-plandgr	DRAWN - MEW	REVISED -		55	68-2WS-2	MONTGOMERY	124	33			
	PLOT SCALE = 48.0000' / in.	CHECKED - MEW	REVISED -		SCALE: 1" = 20'		SHEET NO. 7 OF 7 SHEETS		STA. 45+00.00 TO STA. 49+92.56		CONTRACT NO. 72505	
	PLOT DATE = May-10-2013 02:43:23PM	DATE - VJM	REVISED -		ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	



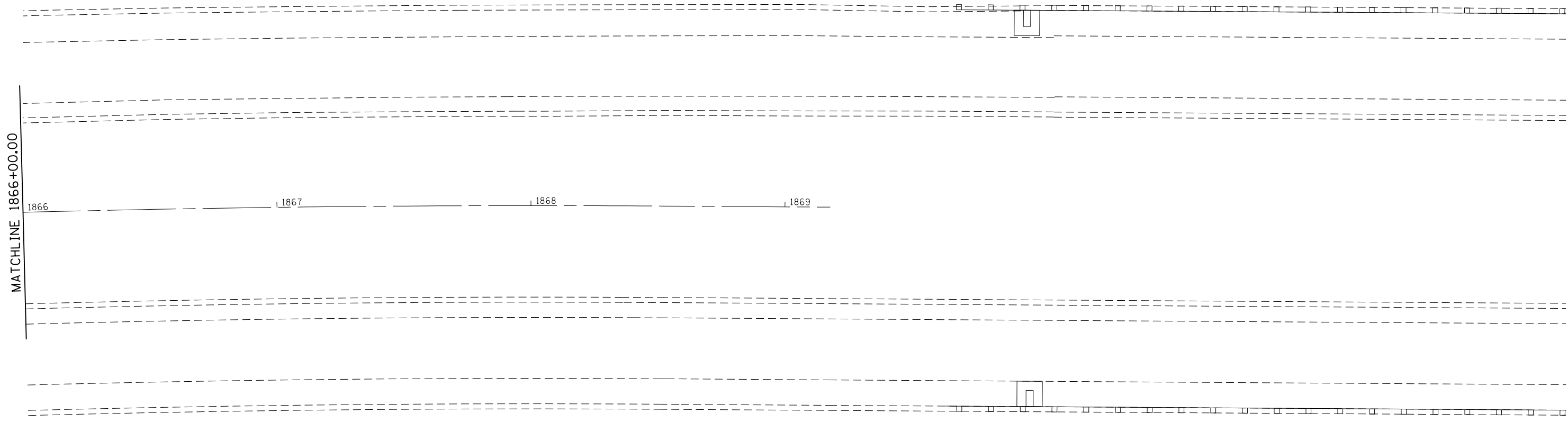
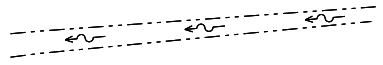
FILE NAME =	USER NAME = sparksqw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksqw\d0216368\0672505-shr-profile-wr.dgn		DRAWN -	REVISED -
Default	PLOT DATE = Apr-11-2013 03:50:19PM	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			124	34
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

X — X — X — X — X — X — X —



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
ct:\pw\work\p\idot\sparksgw\0216368\0672505-SHT-PLAN\FINALSHT18.DGN		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-11-2013 03:50:21PM	DATE -	REVISED -

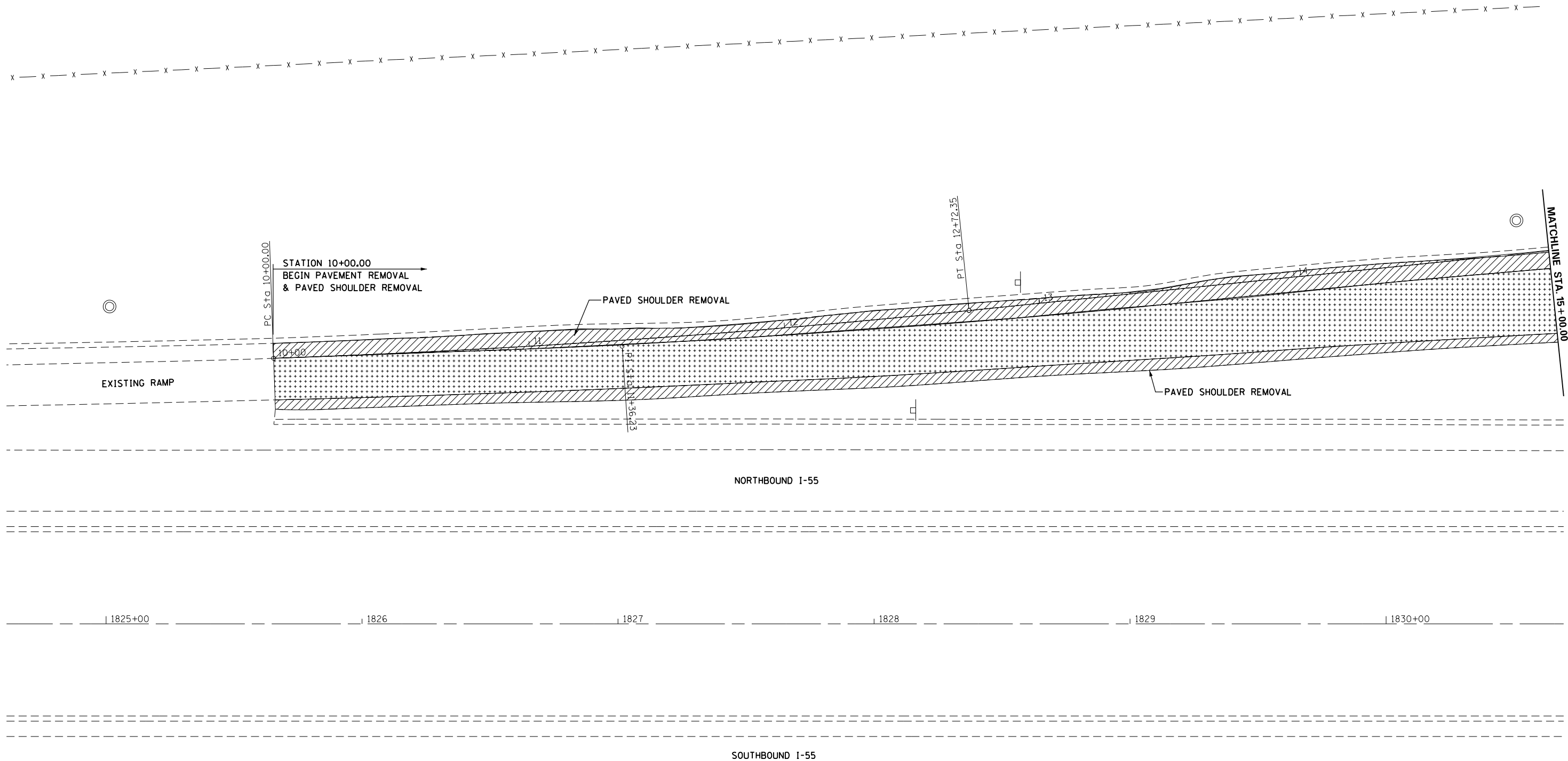
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>WEIGH STATION ROAD PROPOSED PLAN</b>			
SCALE:	SHEET 1	OF 7 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	34g
				CONTRACT NO. 72505
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND			
	PAVEMENT REMOVAL		SIGN REMOVAL
	PAVED SHOULDER REMOVAL		GUARDRAIL REMOVAL
	MEDIAN REMOVAL		ITEM TO BE REMOVED
	CONCRETE REMOVAL		



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
et:\pw\work\p\dot\sparksgw\0216368\0672505-sht-removal.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:23PM	DATE - VJM	REVISED -

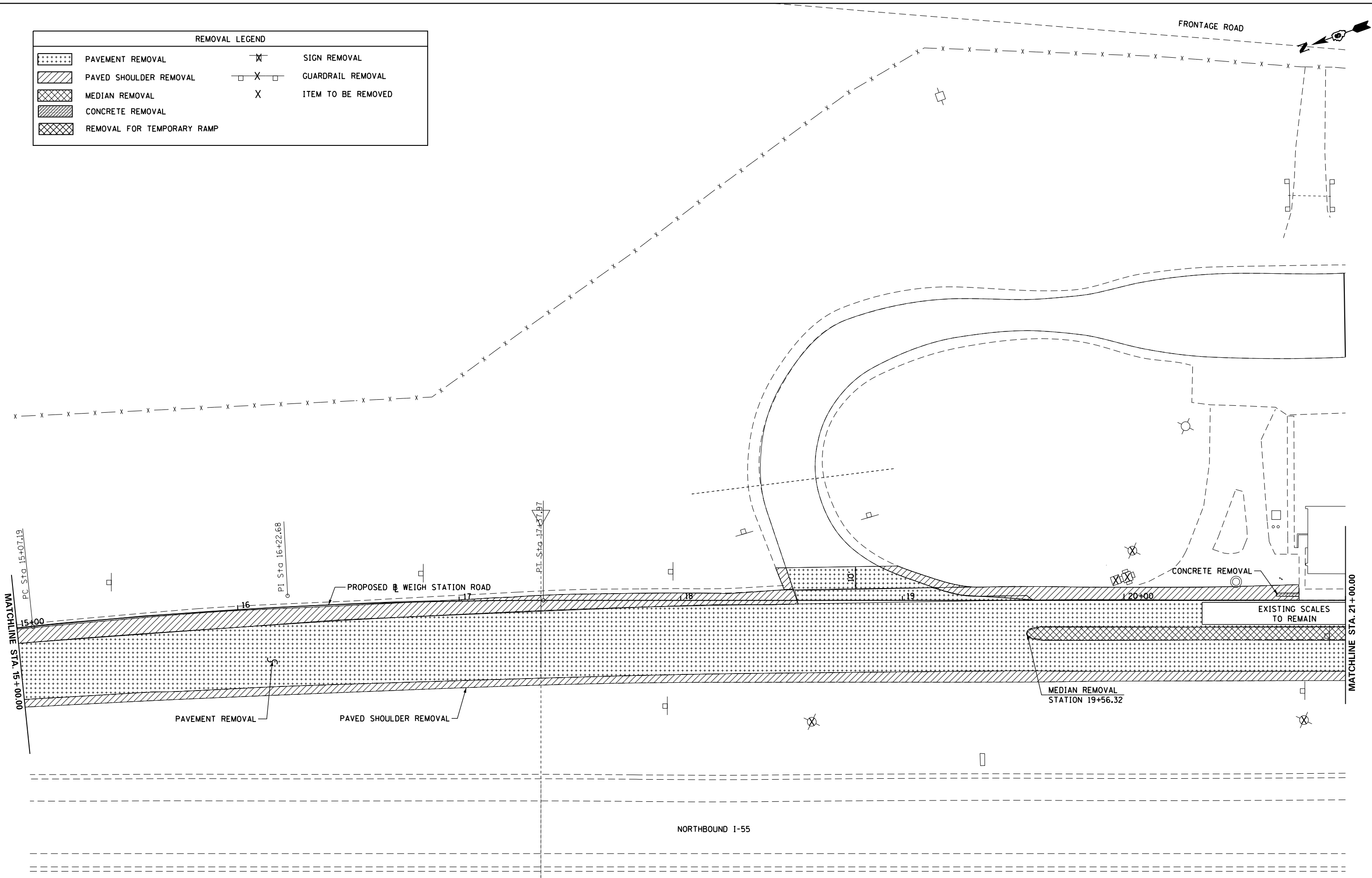
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
SHEET 1**

SCALE: 1" = 20'    SHEET NO. 1 OF 7 SHEETS    STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	35
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND			
	PAVEMENT REMOVAL		SIGN REMOVAL
	PAVED SHOULDER REMOVAL		GUARDRAIL REMOVAL
	MEDIAN REMOVAL		ITEM TO BE REMOVED
	CONCRETE REMOVAL		
	REMOVAL FOR TEMPORARY RAMP		



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
et:\pw\work\p\midot\sparksgw\0216368\0672505-sht-removal.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:23PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

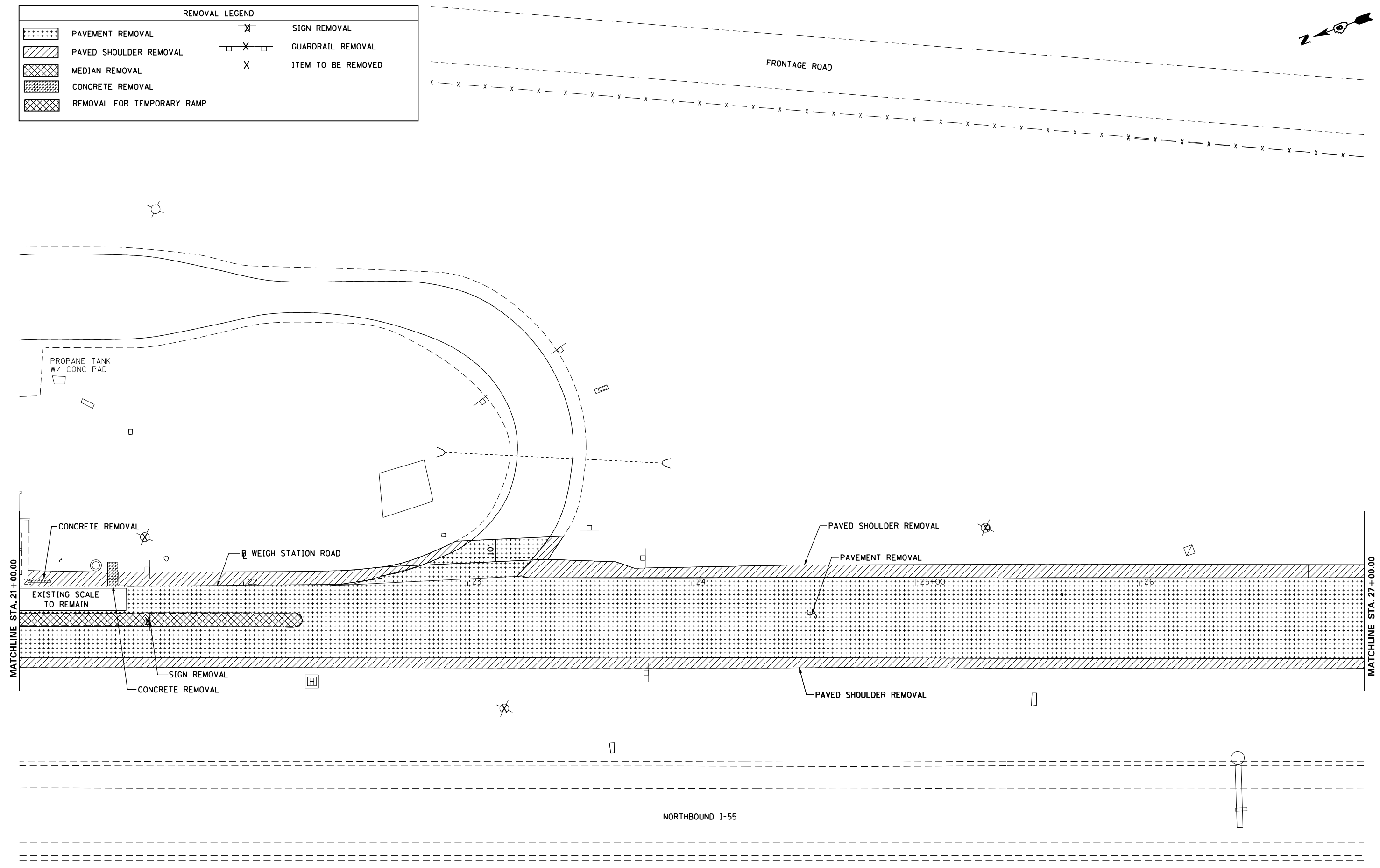
**REMOVAL PLAN  
SHEET 2**

SCALE: 1" = 20'    SHEET NO. 2 OF 7 SHEETS    STA. 15+00.00 TO STA. 21+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	36
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	



REMOVAL LEGEND			
	PAVEMENT REMOVAL		SIGN REMOVAL
	PAVED SHOULDER REMOVAL		GUARDRAIL REMOVAL
	MEDIAN REMOVAL	X	ITEM TO BE REMOVED
	CONCRETE REMOVAL		
	REMOVAL FOR TEMPORARY RAMP		










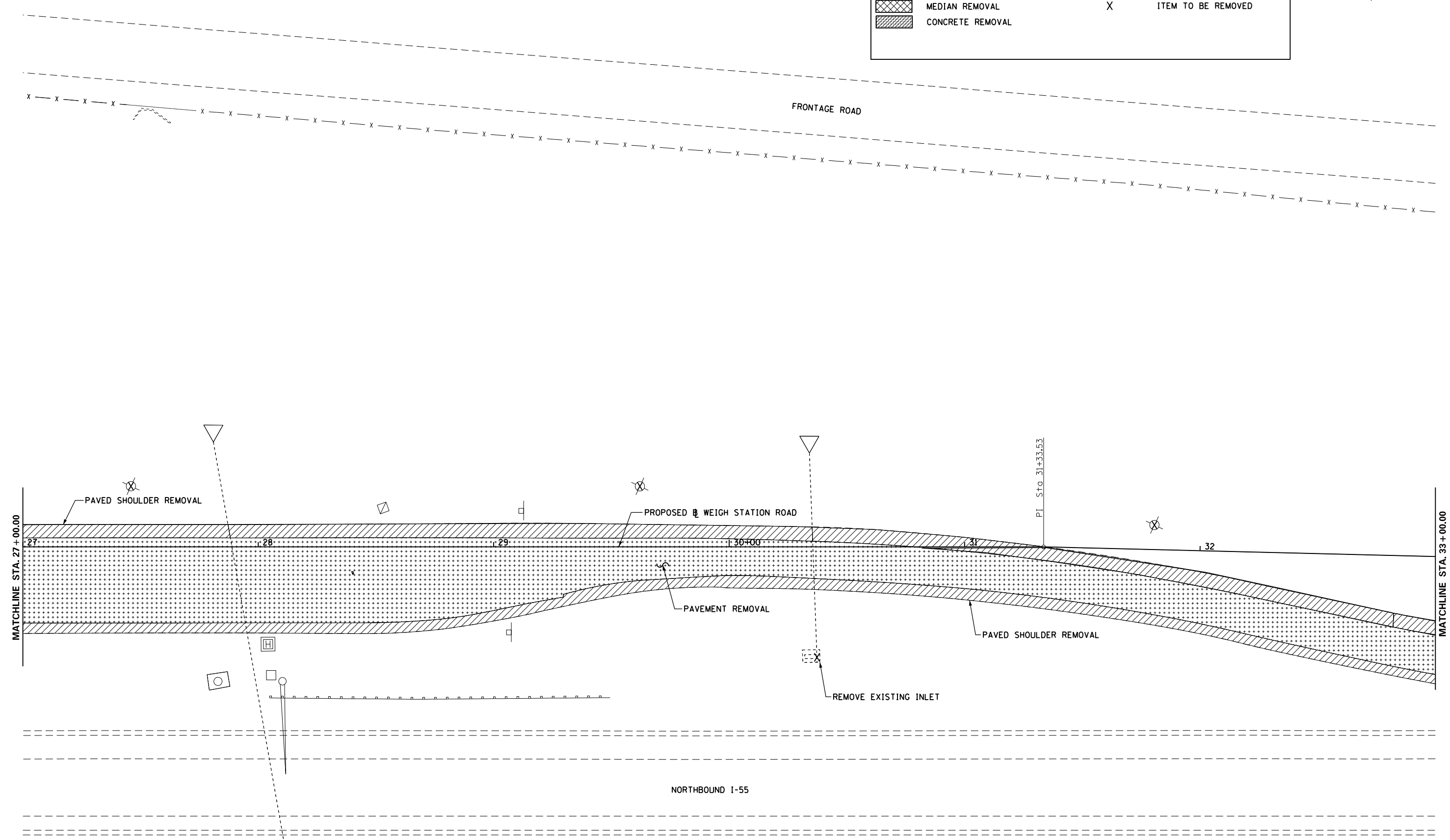
FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
ei:\pwork\pwork\sparksgw\0216368\0672505-sht-removal.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:24PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL PLAN SHEET 3</b>			
SCALE: 1" = 20'	SHEET NO. 3 OF 7 SHEETS	STA. 10+00.00 TO STA. 15+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	37
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	

REMOVAL LEGEND			
	PAVEMENT REMOVAL		SIGN REMOVAL
	PAVED SHOULDER REMOVAL		GUARDRAIL REMOVAL
	MEDIAN REMOVAL		ITEM TO BE REMOVED
	CONCRETE REMOVAL		



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
et:\pw\work\p\dot\sparksgw\0216368\0672505-sht-removal.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:25PM	DATE - VJM	REVISED -

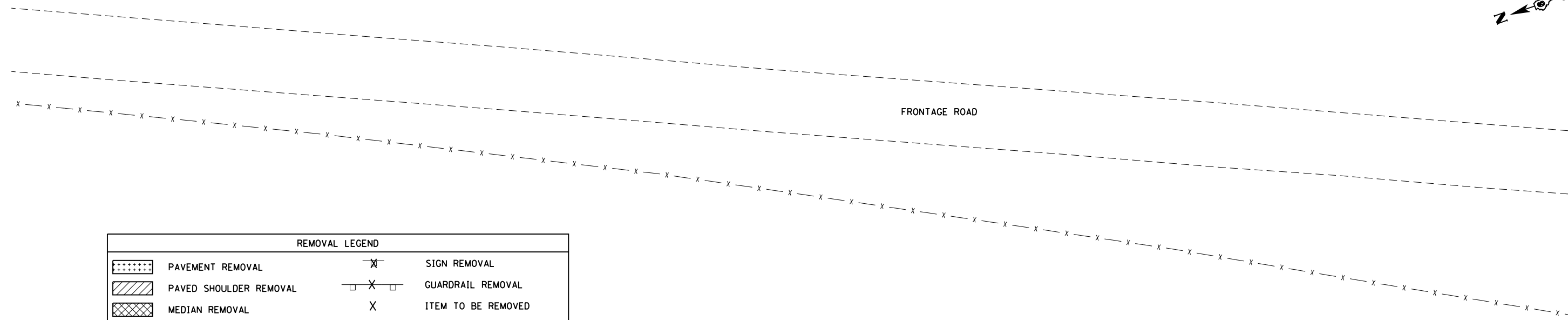
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
SHEET 4**

SCALE: 1" = 20'    SHEET NO. 4 OF 7 SHEETS    STA. 27+00.00 TO STA. 33+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	38
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				

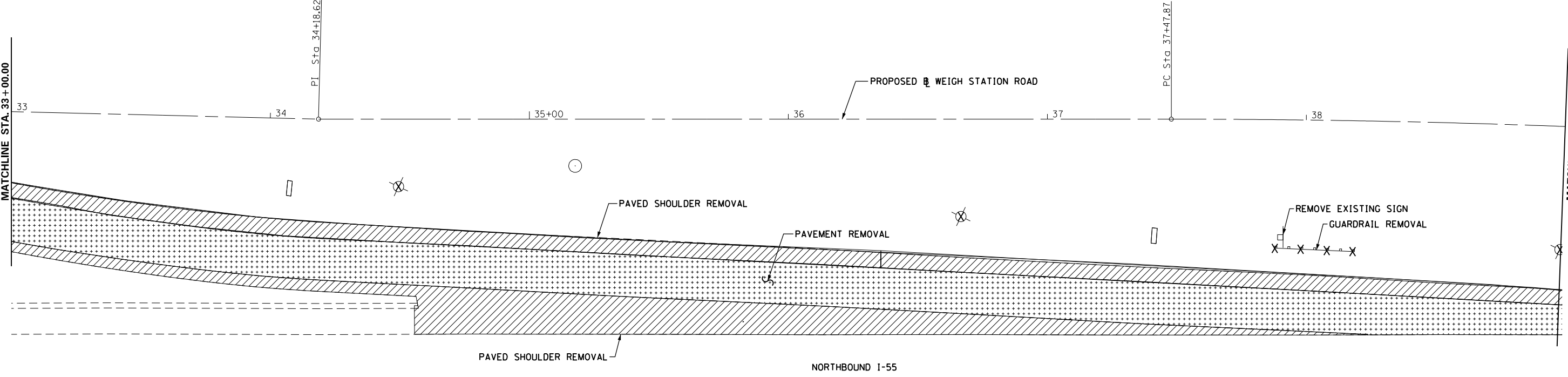




REMOVAL LEGEND			
	PAVEMENT REMOVAL		SIGN REMOVAL
	PAVED SHOULDER REMOVAL		GUARDRAIL REMOVAL
	MEDIAN REMOVAL		ITEM TO BE REMOVED
	CONCRETE REMOVAL		

MATCHLINE STA. 33+00.00

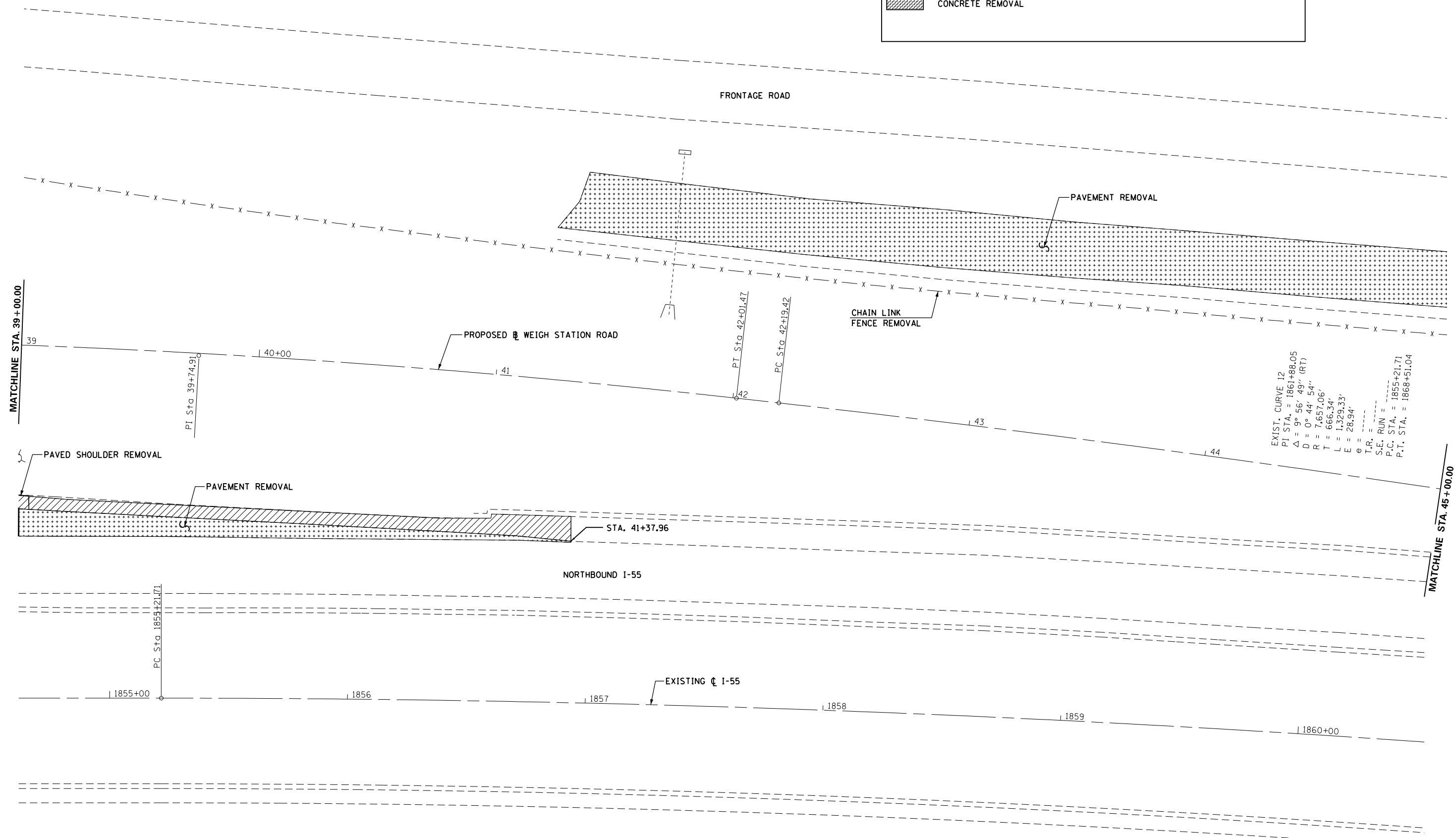
MATCHLINE STA. 39+00.00



FILE NAME = c:\pwork\pwork\sparksgw\0216368\0672505-sht-removal.dgn	USER NAME = sparksgw	DESIGNED - MEW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN SHEET 5</b>			F.A.I. RTE. 55	SECTION 68-2WS-2	COUNTY MONTGOMERY	TOTAL SHEETS 124	SHEET NO. 39
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -		SCALE: 1" = 20'	SHEET NO. 5 OF 7 SHEETS	STA. 10+00.00 TO STA. 15+00.00	CONTRACT NO. 72505		ILLINOIS FED. AID PROJECT		
PLOT DATE = Apr-11-2013 03:50:26PM	DATE - VJM	REVISED -	REVISED -									



REMOVAL LEGEND			
	PAVEMENT REMOVAL		SIGN REMOVAL
	PAVED SHOULDER REMOVAL		GUARDRAIL REMOVAL
	MEDIAN REMOVAL		ITEM TO BE REMOVED
	CONCRETE REMOVAL		










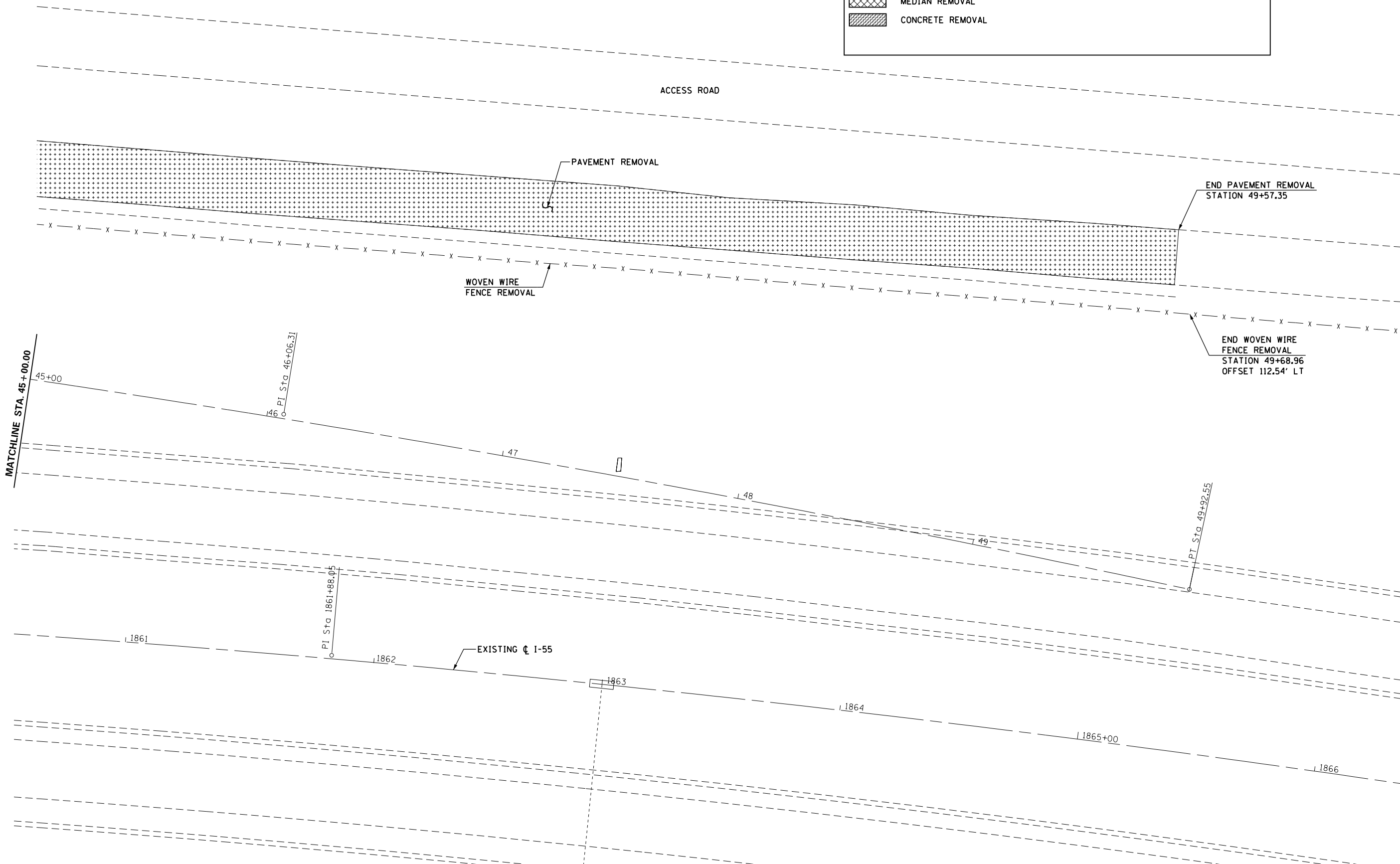
FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
c:\pwwork\pwwork\sparksgw\0216368\0672505-sht-removal.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:27PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

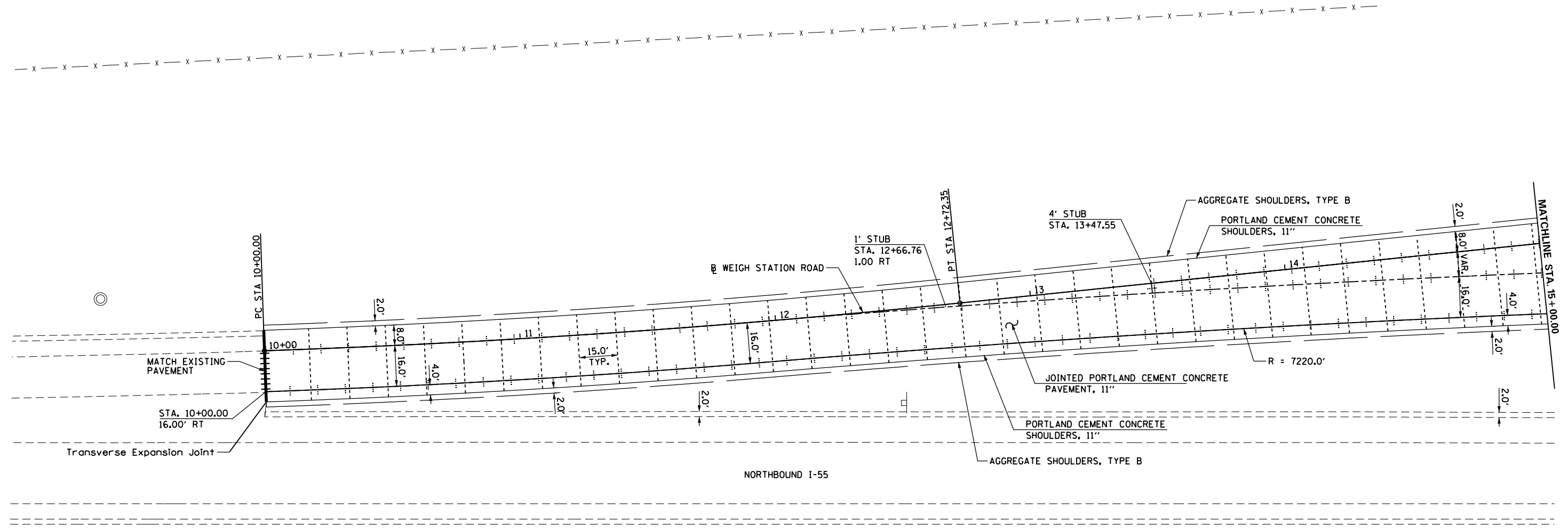
<b>REMOVAL PLAN SHEET 6</b>			
SCALE: 1" = 20'	SHEET NO. 6 OF 7 SHEETS	STA. 39+00.00 TO STA. 45+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	40
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	

REMOVAL LEGEND			
	PAVEMENT REMOVAL		SIGN REMOVAL
	PAVED SHOULDER REMOVAL		GUARDRAIL REMOVAL
	MEDIAN REMOVAL		ITEM TO BE REMOVED
	CONCRETE REMOVAL		



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN SHEET 7</b>			F.A.I. RTE. = 55	SECTION = 68-2WS-2	COUNTY = MONTGOMERY	TOTAL SHEETS = 124	SHEET NO. = 41
et:\pw\work\p\dot\sparksgw\0216368\0672505-sht-removal.dgn	PLOT SCALE = 40.0000' / in.	DRAWN - MEW	REVISED -		SCALE: 1" = 20'	SHEET NO. 7 OF 7 SHEETS	STA. 45+00.00 TO STA. 49+92.56	CONTRACT NO. 72505				
	PLOT DATE = Apr-11-2013 03:50:27PM	CHECKED - MEW	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - VJM	REVISED -									



**LEGEND**

- PROPOSED SAWED LONGITUDINAL CONSTRUCTION JOINT
- PROPOSED SAWED TRANSVERSE CONTRACTION JOINT
- PROPOSED LONGITUDINAL KEYED JOINT WITHOUT TIE BARS

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
et:\pw\work\p\dot\sparksgw\0216368\0672505-sht-jointing.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-11-2013 03:50:30PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

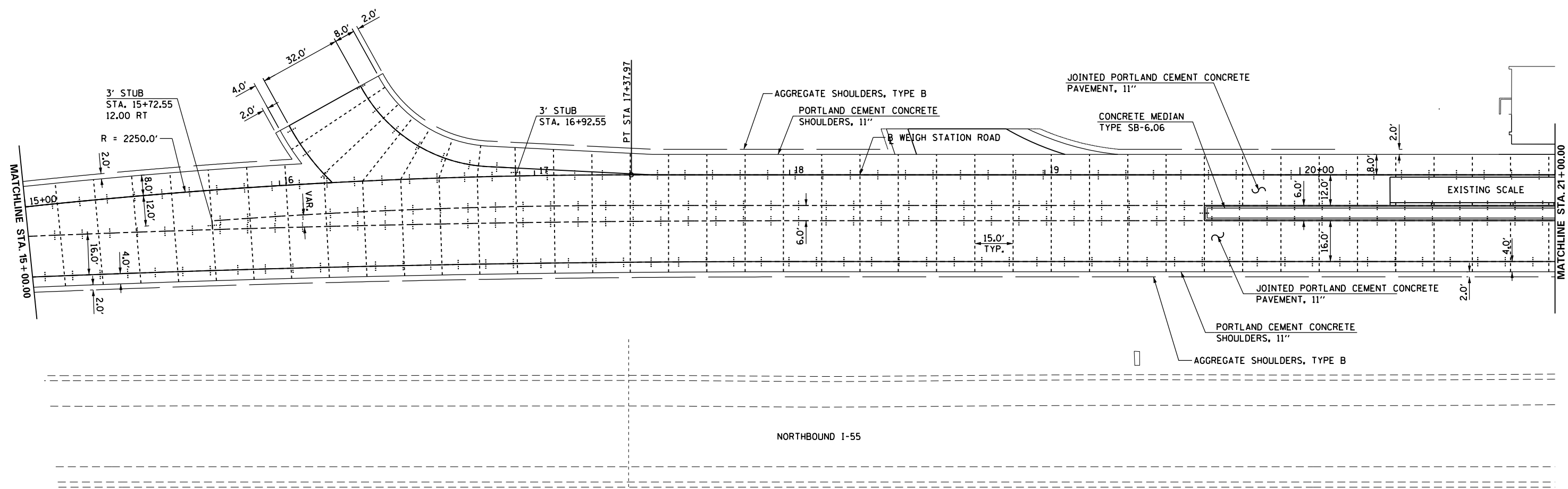
**PROPOSED  
PAVEMENT JOINTING**

SCALE: 1" = 20'    SHEET NO. 1 OF 5 SHEETS    STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	42
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	

**LEGEND**

- ⊕ - ⊕ PROPOSED SAWED LONGITUDINAL CONSTRUCTION JOINT
- PROPOSED SAWED TRANSVERSE CONTRACTION JOINT
- ~ ~ ~ PROPOSED LONGITUDINAL KEYED JOINT WITHOUT TIE BARS



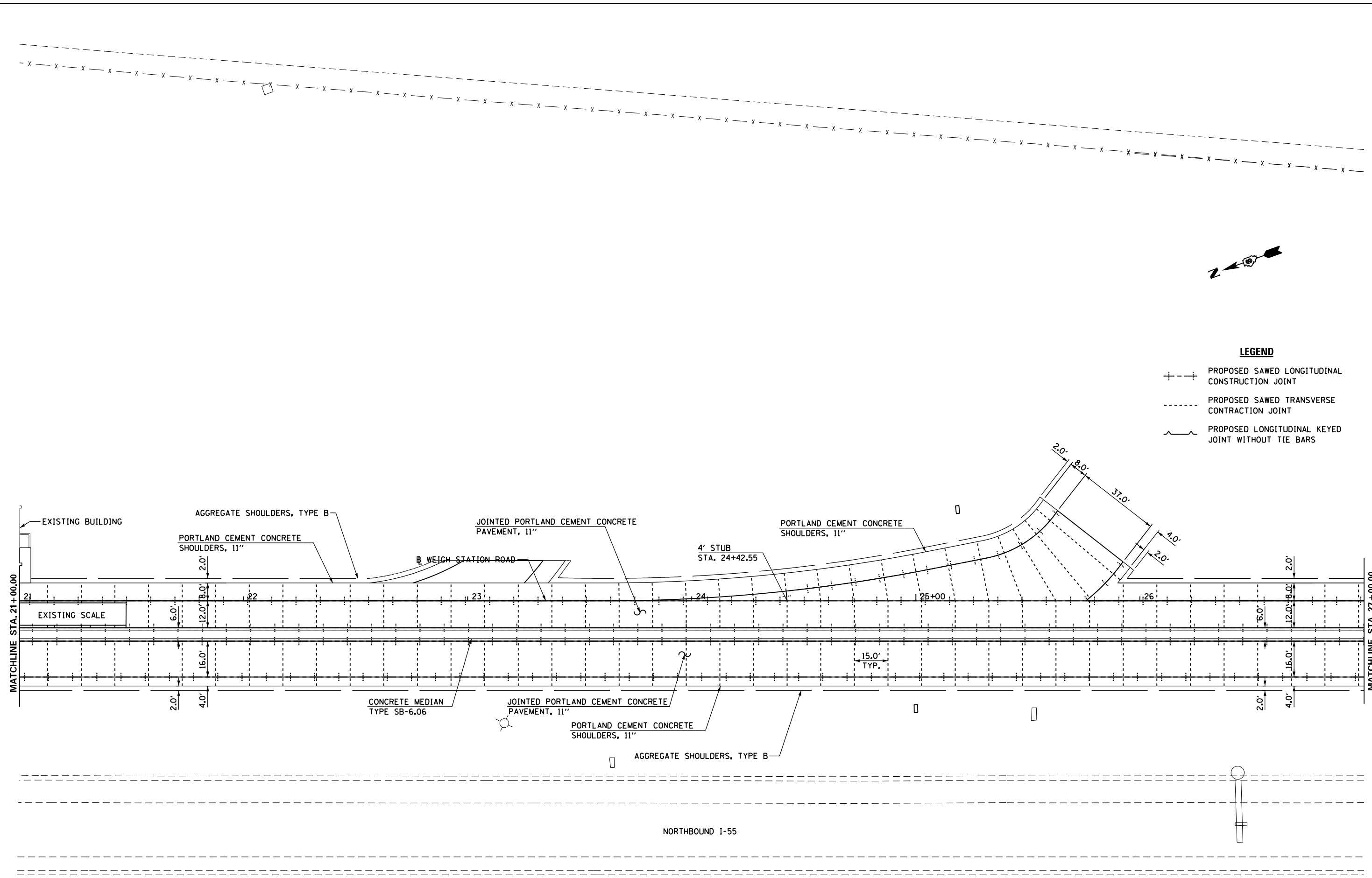
NORTHBOUND I-55

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
et:\pw\work\p\idot\sparksgw\0216368\0672505-sht-jointing.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-11-2013 03:50:30PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED PAVEMENT JOINTING</b>			
SCALE: 1" = 20'	SHEET NO. 2 OF 5 SHEETS	STA. 15+00.00 TO STA. 21+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	43
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	



- LEGEND**
- +--- PROPOSED SAWED LONGITUDINAL CONSTRUCTION JOINT
  - PROPOSED SAWED TRANSVERSE CONTRACTION JOINT
  - ~~~ PROPOSED LONGITUDINAL KEYED JOINT WITHOUT TIE BARS

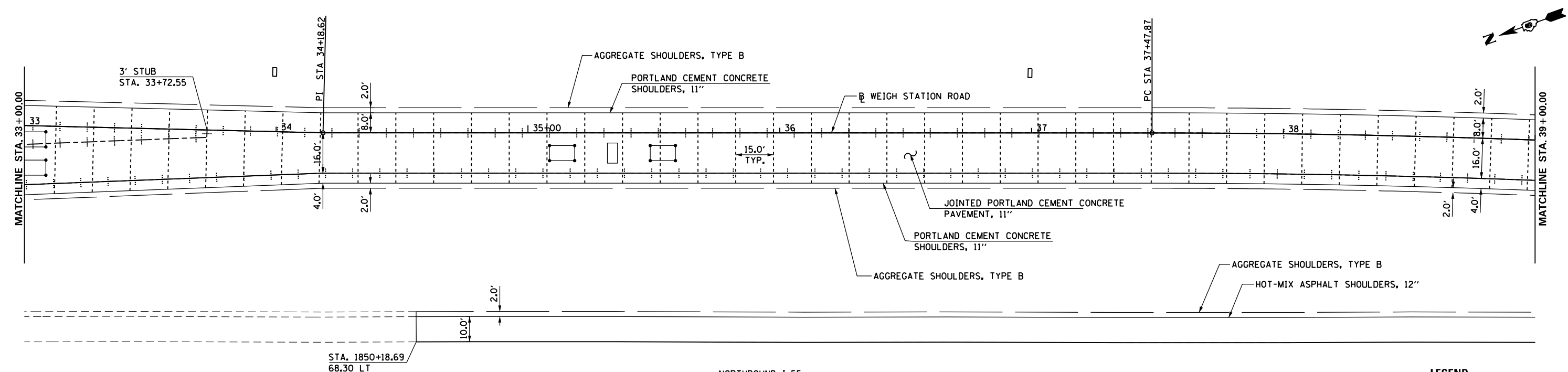
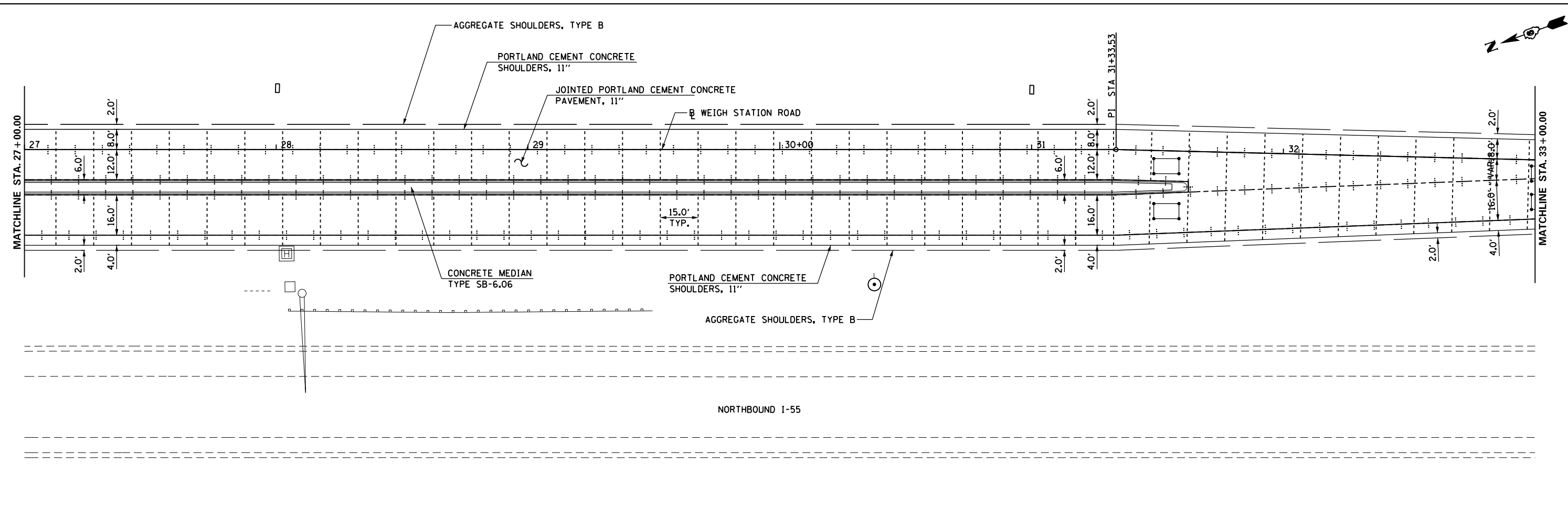
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
ei:\pwork\pwork\sparksgw\0216368\0672505-sht-joinring.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = Apr-11-2013 03:50:31PM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED  
PAVEMENT JOINTING**

SCALE: 1" = 20'    SHEET NO. 3 OF 5 SHEETS    STA. 21+00.00 TO STA. 27+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	44
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72505	



**LEGEND**

	PROPOSED SAWED LONGITUDINAL CONSTRUCTION JOINT
	PROPOSED SAWED TRANSVERSE CONTRACTION JOINT
	PROPOSED LONGITUDINAL KEYED JOINT WITHOUT TIE BARS

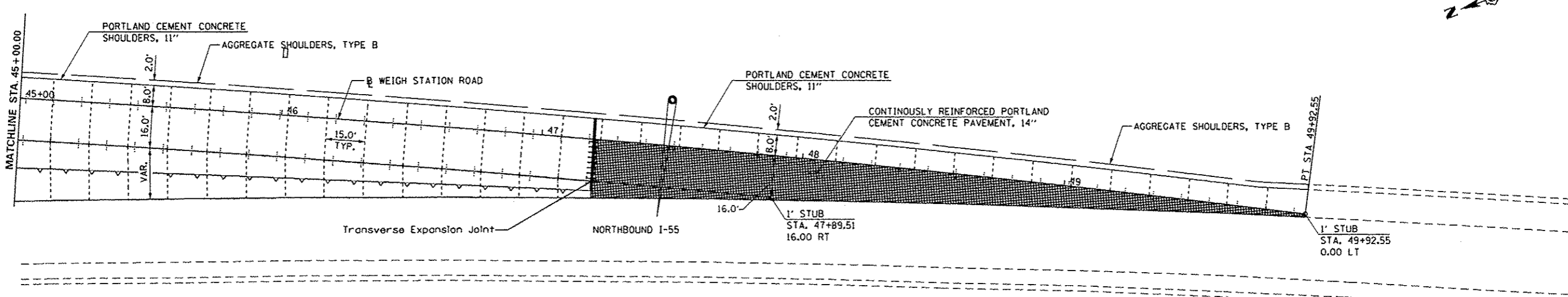
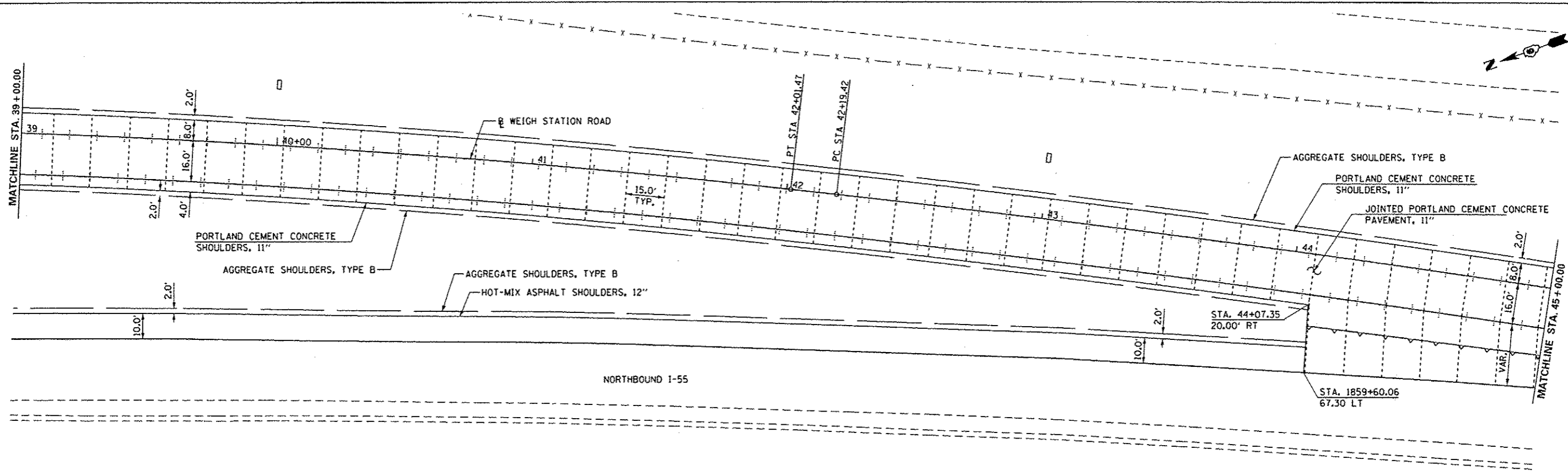
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwwork\pwwork\sparksgw\10216368\0672505-sht-jointing.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-11-2013 03:50:31PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED  
PAVEMENT JOINTING**

SCALE: 1" = 20'    SHEET NO. 4 OF 5 SHEETS    STA. 27+00.00 TO STA. 39+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	45
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	



- LEGEND**
- +--- PROPOSED SAWED LONGITUDINAL CONSTRUCTION JOINT
  - PROPOSED SAWED TRANSVERSE CONTRACTION JOINT
  - ~~~ PROPOSED LONGITUDINAL KEYED JOINT WITHOUT TIE BARS
  - ▨ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12 3/4"

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
c:\pwork\pav\dot\sparkg\08216368\067	sparkg		
	505-shr-jointing.dgn	DRAWN :	REVISED :
	PLOT SCALE : 48,0000' / 1"	CHECKED :	REVISED :
	PLOT DATE : May-10-2013 02:44:28PM	DATE :	REVISED :

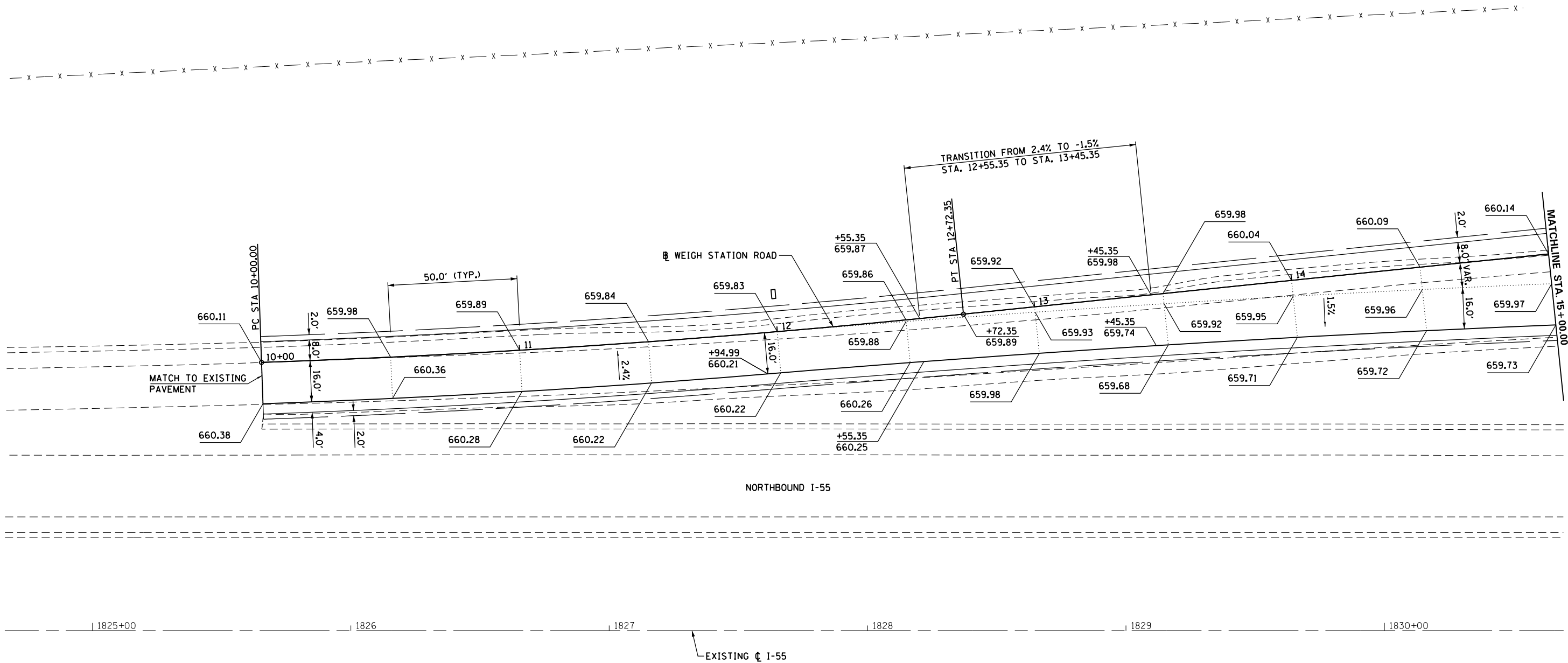
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED  
PAVEMENT JOINTING**

SCALE: 1" = 20'    SHEET NO. 5 OF 5 SHEETS    STA. 39+00.00 TO STA. 51+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	46
				CONTRACT NO. 72505
ILLINOIS FED. AID PROJECT				





FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
c:\pwork\pwork\sparksgw\10216368\0672505-sht-elev.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:34PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEIGH STATION ROAD  
ELEVATION PLAN**

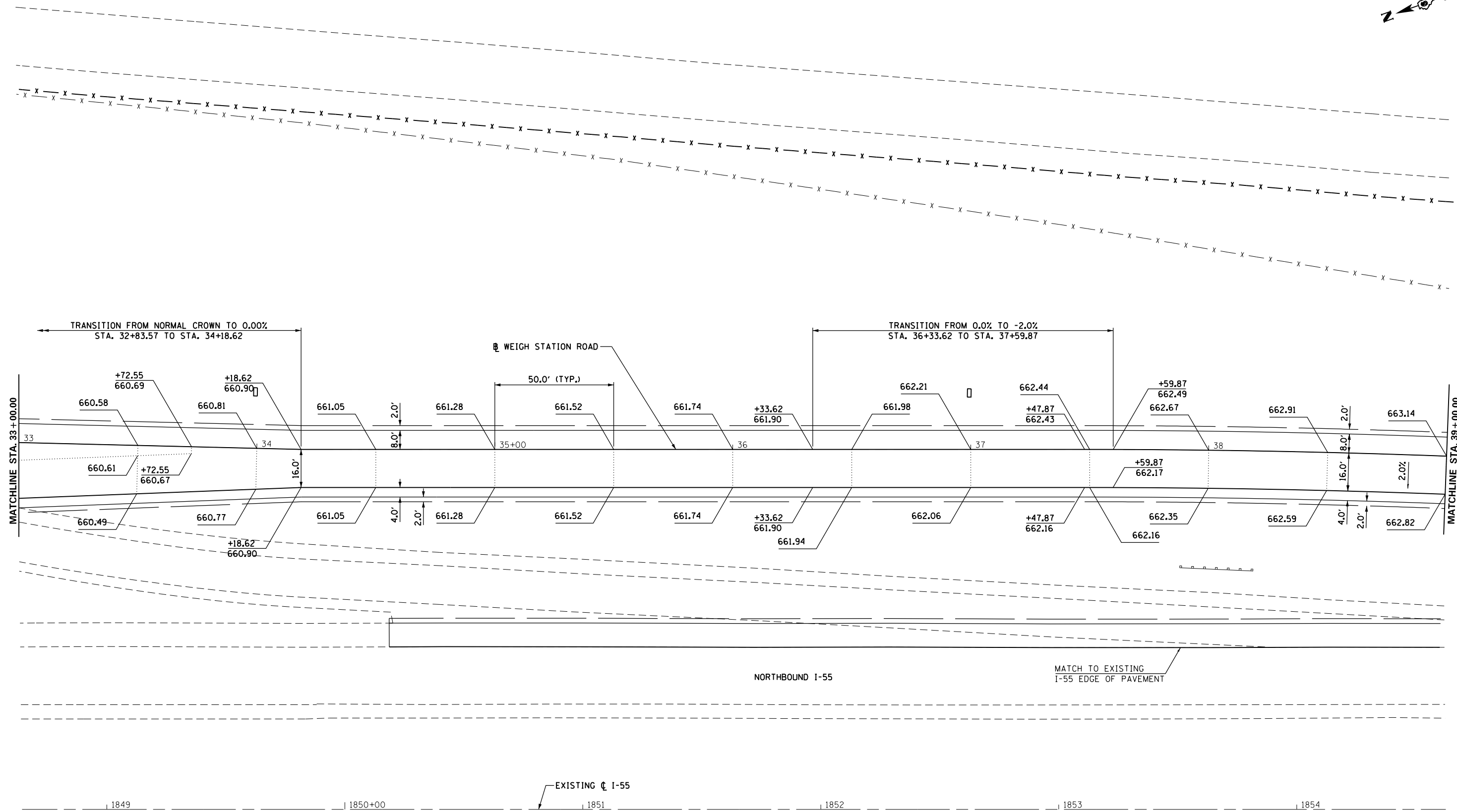
SCALE: 1" = 20'    SHEET NO. 1 OF 7 SHEETS    STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	47
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				









FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
ct:\pw\work\p\id\sparksgw\0216368\0672505-sh-t-elev.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:35PM	DATE - VJM	REVISED -

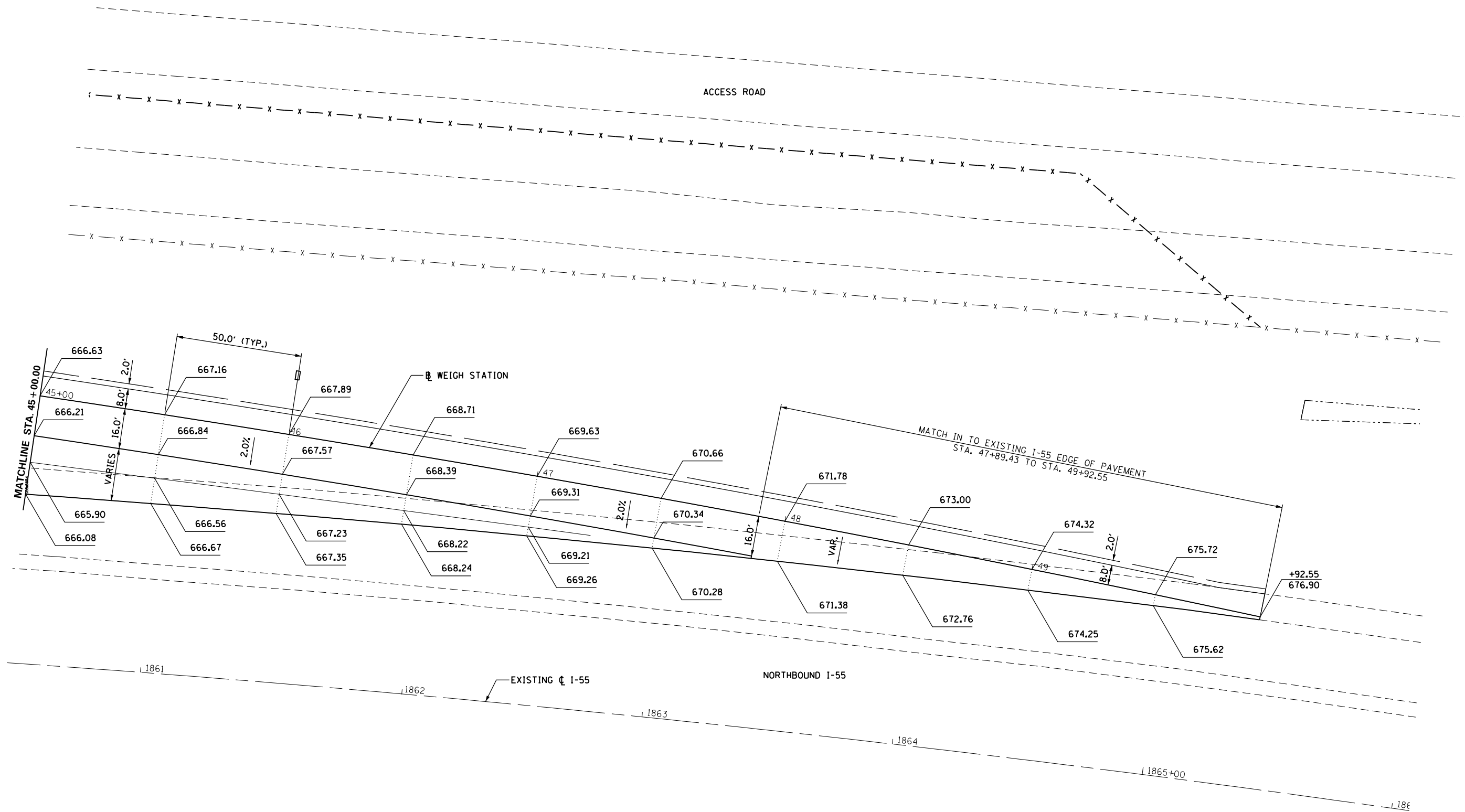
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEIGH STATION ROAD  
ELEVATION PLAN**

SCALE: 1" = 20'    SHEET NO. 5 OF 7 SHEETS    STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	51
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				





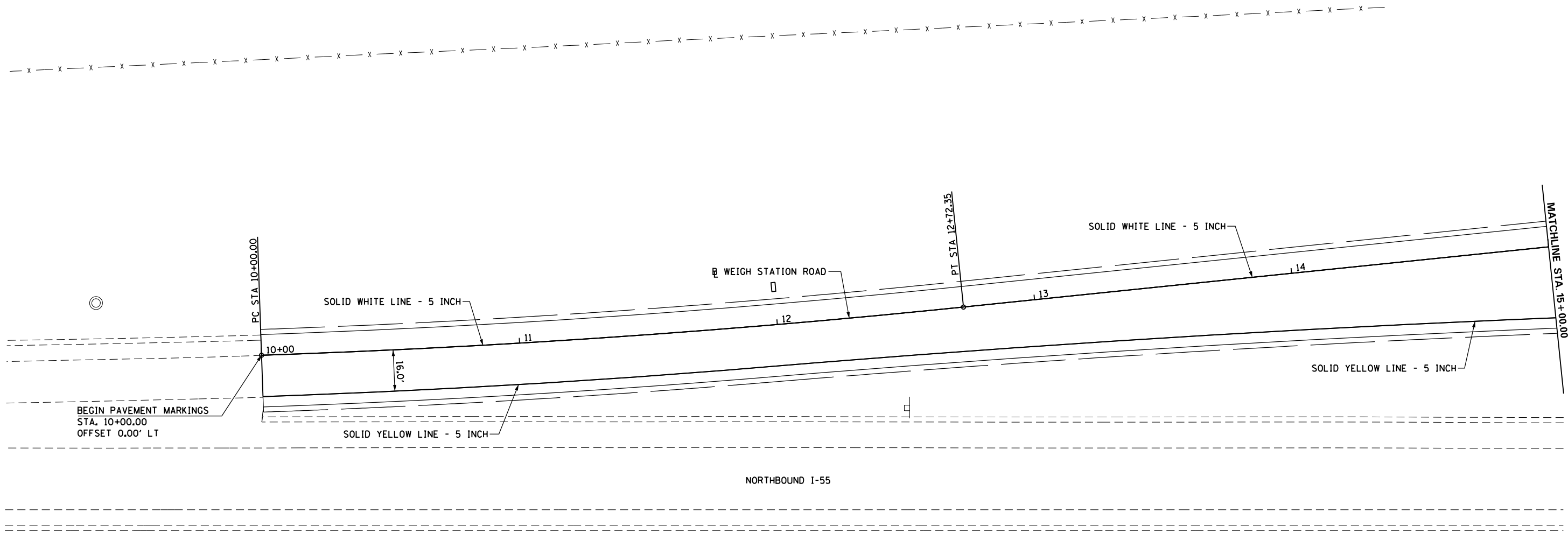
FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
ct:\pw\work\p1dot\sparksgw\0216368\0672505-sht-elev.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:36PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEIGH STATION ROAD  
ELEVATION PLAN**

SCALE: 1" = 20'    SHEET NO. 7 OF 7 SHEETS    STA. 45+00.00 TO STA. 49+92.56

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	53
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				



**NOTES:**  
 ① ALL PAVEMENT MARKINGS SHALL BE URETHANE UNLESS OTHERWISE NOTED

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksgw\0216368\0672505-sht-markings.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-11-2013 03:50:38PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIGNING & PAVEMENT  
 MARKING DETAILS**

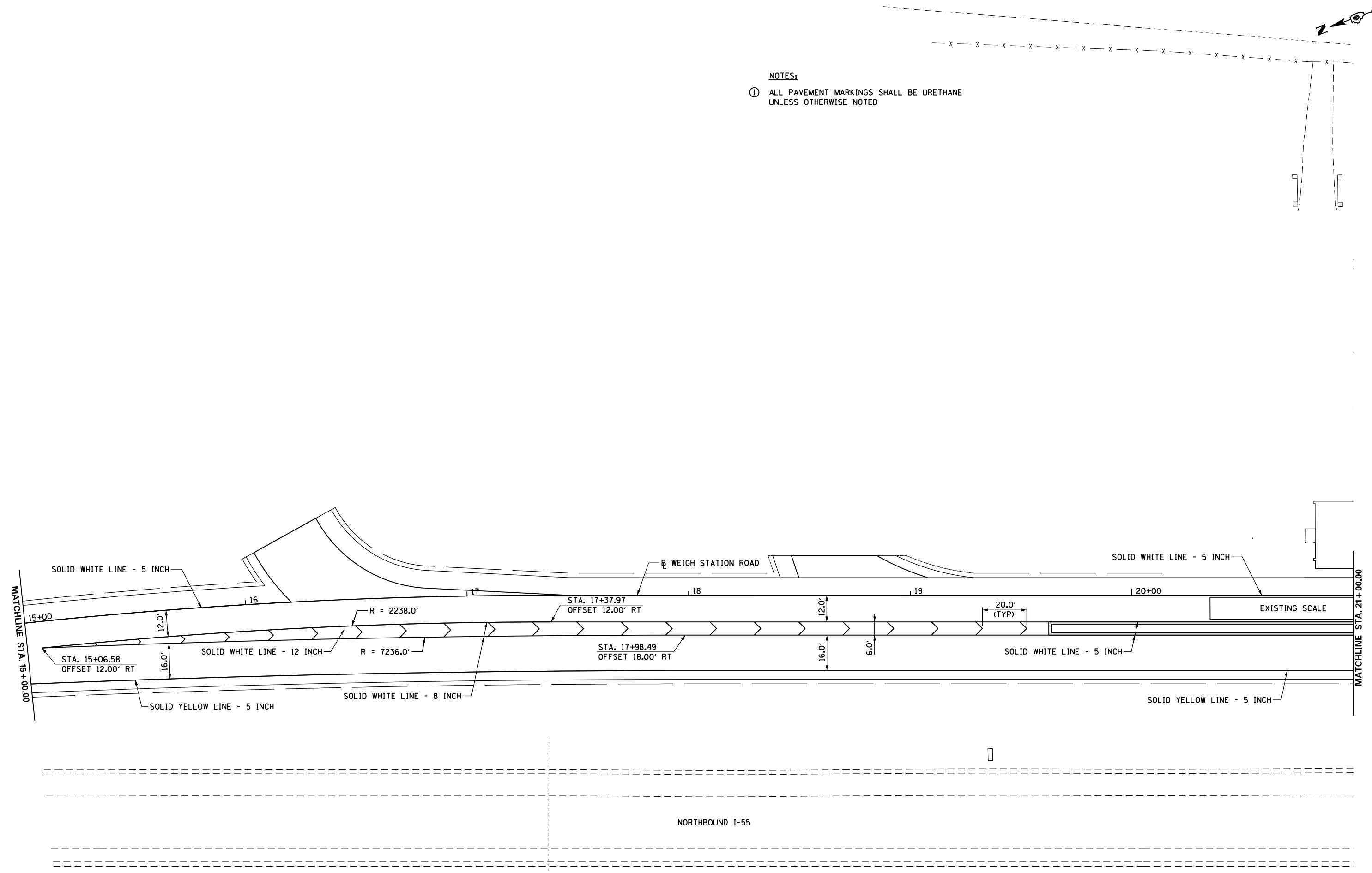
SCALE: 1" = 20'    SHEET NO. 1 OF 5 SHEETS    STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	54
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	





**NOTES:**  
 ① ALL PAVEMENT MARKINGS SHALL BE URETHANE UNLESS OTHERWISE NOTED

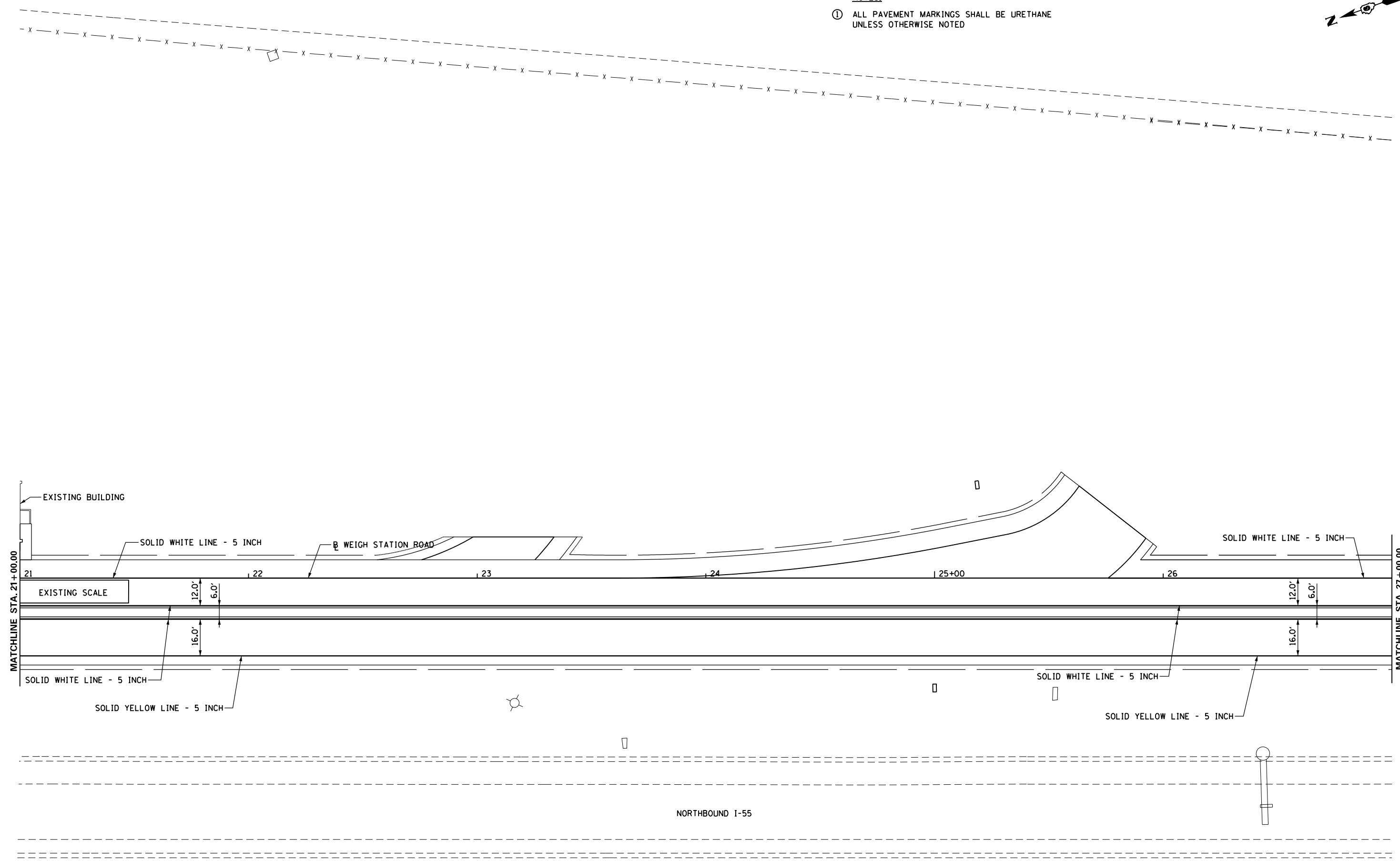


NORTHBOUND I-55

FILE NAME = c:\pwork\pwork\dot\sparksgw\0216368\0672505-sht-markings.dgn	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNING &amp; PAVEMENT MARKING DETAILS</b>			F.A.I. RTE. = 55	SECTION = 68-2WS-2	COUNTY = MONTGOMERY	TOTAL SHEETS = 124	SHEET NO. = 55
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 72505				
PLOT DATE = Apr-11-2013 03:50:38PM	DATE -	REVISED -	SCALE: 1" = 20'		SHEET NO. 2 OF 5 SHEETS	STA. 15+00.00 TO STA. 21+00.00	ILLINOIS FED. AID PROJECT					



**NOTES:**  
 ① ALL PAVEMENT MARKINGS SHALL BE URETHANE UNLESS OTHERWISE NOTED



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
ei:\pwork\pwork\sparksgw\0216368\0672505-sht-markings.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-11-2013 03:50:39PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

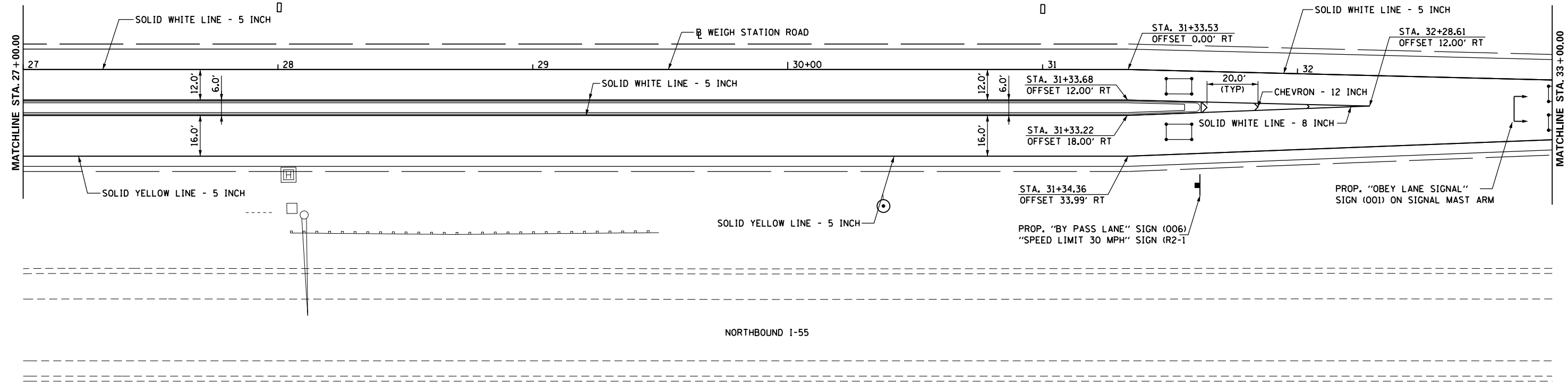
**SIGNING & PAVEMENT  
 MARKING DETAILS**

SCALE: 1" = 20'    SHEET NO. 3 OF 5 SHEETS    STA. 21+00.00 TO STA. 27+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	56
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				

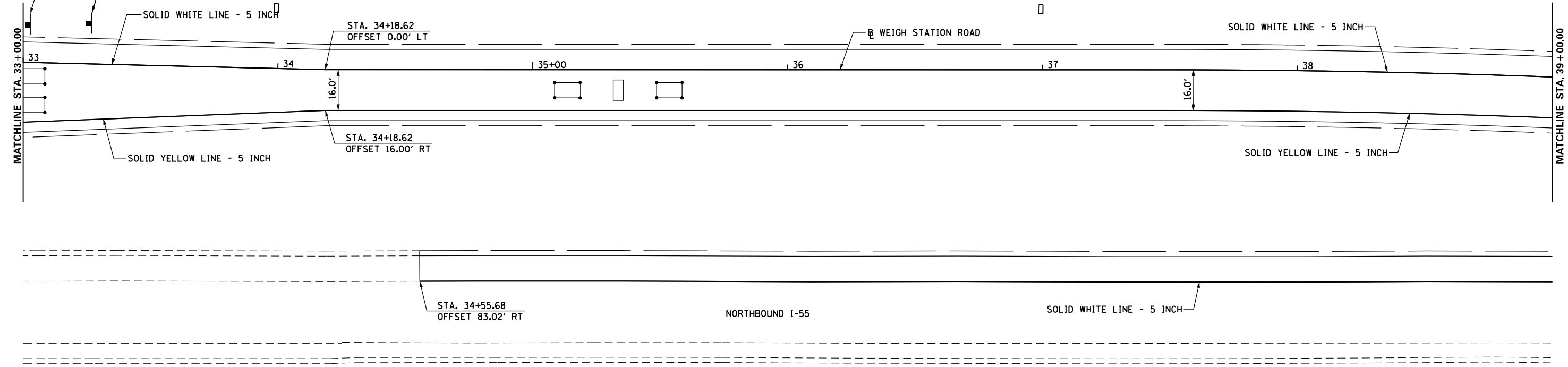
**NOTES:**

- ① ALL PAVEMENT MARKINGS SHALL BE URETHANE UNLESS OTHERWISE NOTED



**NOTES:**

- ① ALL PAVEMENT MARKINGS SHALL BE URETHANE UNLESS OTHERWISE NOTED



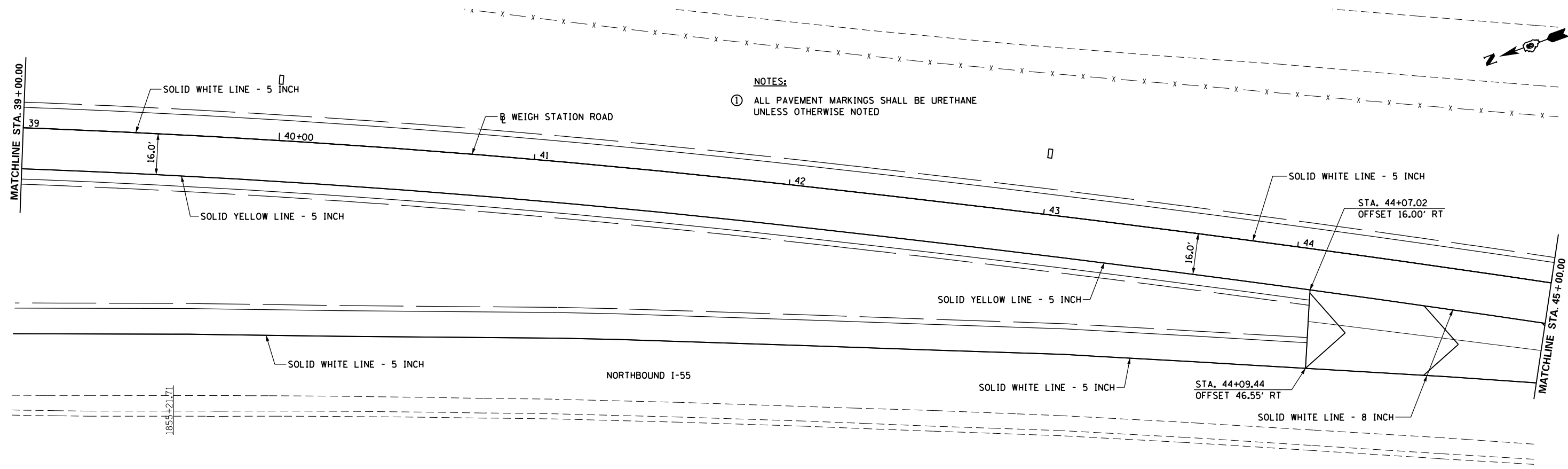
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
ct:\pw\work\p1\dot\sparksgw\10216368\0672505-sht-markings.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

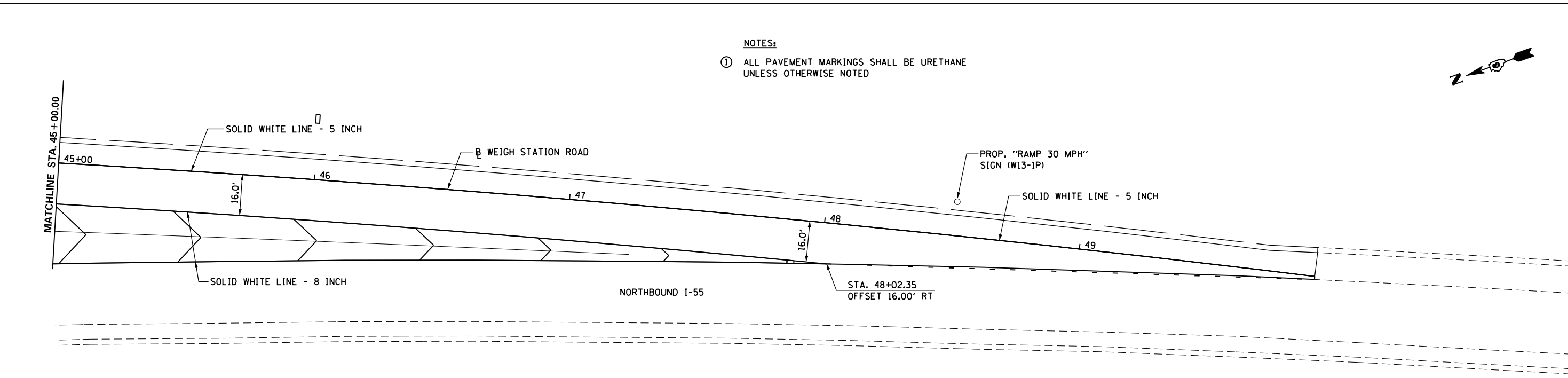
**SIGNING & PAVEMENT  
MARKING DETAILS**

SCALE: 1" = 20'    SHEET NO. 4 OF 5 SHEETS    STA. 27+00.00 TO STA. 39+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	57
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				



NOTES:  
 ① ALL PAVEMENT MARKINGS SHALL BE URETHANE UNLESS OTHERWISE NOTED



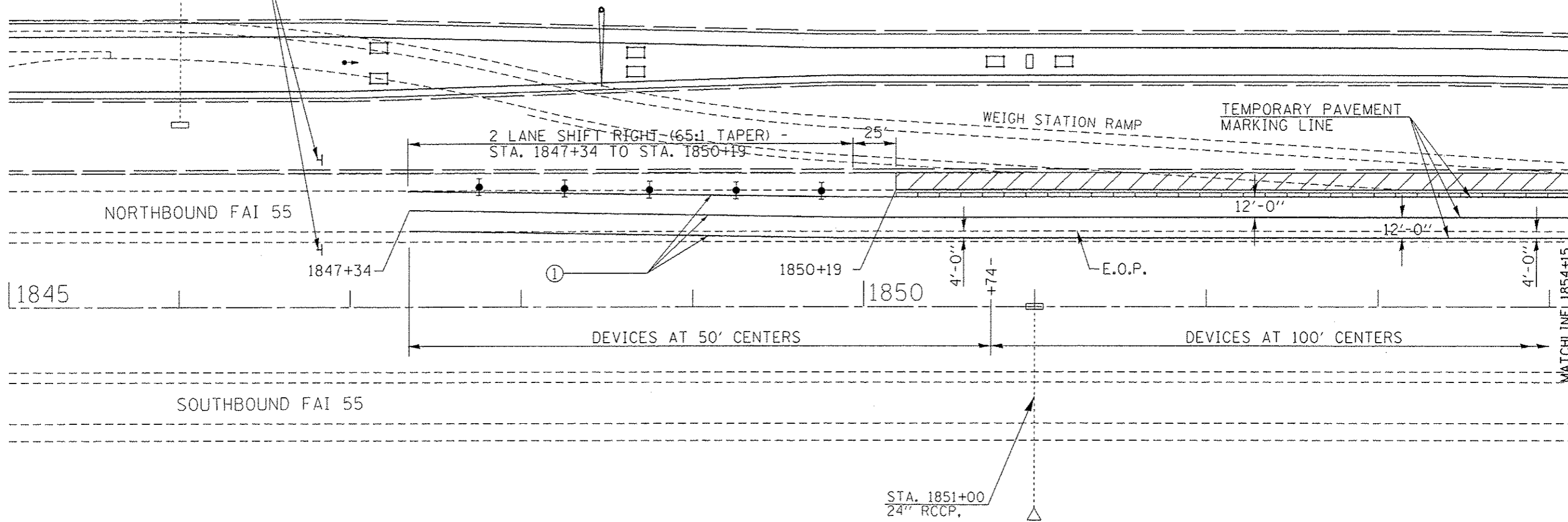
NOTES:  
 ① ALL PAVEMENT MARKINGS SHALL BE URETHANE UNLESS OTHERWISE NOTED

FILE NAME = c:\pwork\pwork\sparksge\10216368\0672505-shr-markings.dgn	USER NAME = sparksge	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNING &amp; PAVEMENT MARKING DETAILS</b>			F.A.I. RTE. = 55	SECTION = 68-2WS-2	COUNTY = MONTGOMERY	TOTAL SHEETS = 124	SHEET NO. = 58
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					SCALE: 1" = 20'			SHEET NO. 5 OF 5 SHEETS	
PLOT DATE = Apr-11-2013 03:50:39PM	DATE -	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT								

G 20-I103(0)-3660

END  
WORK ZONE  
SPEED LIMIT

ARBITRARY SIGN PLACEMENT OF  
"END WORK ZONE SPEED LIMIT"  
SHOWN HERE. ACTUAL SIGN  
PLACEMENT SHALL BE DETERMINED  
BY THE ENGINEER.



**NOTE**

- ① TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGH OUT THE TAPER AND ALONGSIDE THE WORK AREA. THE RIGHT EDGE AND CENTERLINE SHALL BE WHITE AND THE LEFT EDGE SHALL BE YELLOW.

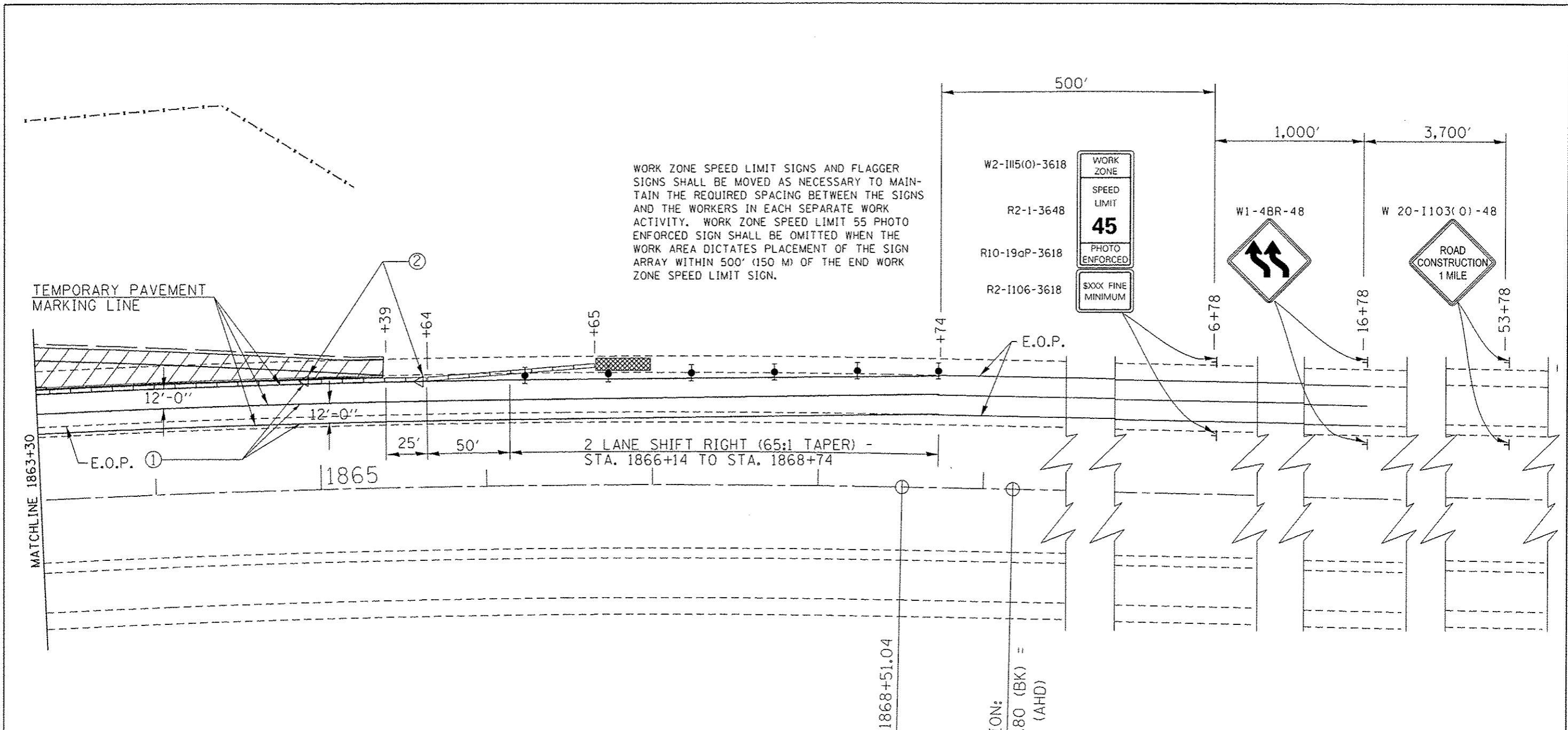
**SYMBOLS**

- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- IMPACT ATTENUATOR



FILE NAME : c:\pwork\pwork\dot\sparksgu\0216369\067	USER NAME : sparksgu 200-shi-TCP.dgn	DESIGNED - RTS DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION STANDARD 701423 (SPECIAL)</b>	F.A.I. RTE. 55	SECTION 68-2W5-2	COUNTY MONTGOMERY	TOTAL SHEETS 124	SHEET NO. 59		
PLOT SCALE : 60.0000' / 1" /	CHECKED -	REVISED -	REVISED -			SCALE:	SHEET 1 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
PLOT DATE : May 10 2013 02:45:14PM	DATE -	REVISED -	REVISED -			CONTRACT NO. 72505						





WORK ZONE SPEED LIMIT SIGNS AND FLAGGER SIGNS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED SPACING BETWEEN THE SIGNS AND THE WORKERS IN EACH SEPARATE WORK ACTIVITY. WORK ZONE SPEED LIMIT 55 PHOTO ENFORCED SIGN SHALL BE OMITTED WHEN THE WORK AREA DICTATES PLACEMENT OF THE SIGN ARRAY WITHIN 500' (150 M) OF THE END WORK ZONE SPEED LIMIT SIGN.

**NOTE**

- ① TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGH OUT THE TAPER AND ALONGSIDE THE WORK AREA. THE RIGHT EDGE AND CENTERLINE SHALL BE WHITE AND THE LEFT EDGE SHALL BE YELLOW.
- ② BARRIER WALL/GUARDRAIL MARKERS AT 25' (7.6M) MARKERS ON RIGHT SHALL BE CRYSTAL AND MARKERS ON THE LEFT SHALL BE AMBER. SEE STANDARDS 704001 AND 635001

**SYMBOLS**

- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- IMPACT ATTENUATOR
- BARRIER WALL/GUARDRAIL MARKER

FILE NAME *	USER NAME = sparhgw	DESIGNED - RTS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION STANDARD 701423 (SPECIAL)</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\work\p\dos\parhgw\d0216368\067	505-sh-TCP.dgn	DRAWN -	REVISED -		SCALE:	SHEET 3 OF 3 SHEETS	STA.	TO STA.	55	68-2WS-2	MONTGOMERY	124	61
Default	PLOT SCALE = 60.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 72505								
	PLOT DATE = May-10-2013 02:46:08PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

STORM WATER POLLUTION PREVENTION PLAN

Route: FAI 55 Marked: I-55  
 Section: 68-2WS-2 Project No.: D96-517-01  
 County: MONTGOMERY Contract No.: 72505  
 Starting Station: 1825+65.43 (Longitude: 39.2188 Latitude: -89.64877 )  
 Ending Station: 1865+47.26 (Longitude: 39.23064 Latitude: -89.5909 )

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.

\_\_\_\_\_  
 (Signature) (Date)

\_\_\_\_\_  
 (Title)

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 improvements to the weigh station road off I 55 N of Litchfield. The existing truck weighing mechanism will be replaced with a weigh-in-motion system. Weigh station road will be partially constructed on new alignment and partially on the existing alignment, and will include reconstruction of the sub base and pavement for approx. 0.75 mile.
2. Construction consists of grading, sub base build up, PCC pavement and PCC shoulders, AGG and HMA shoulders, and all other miscellaneous work necessary to complete weigh-in-motion system on Weigh station road.

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. Excavation will be completed along the entire length to grade out for proposed roadway ditches and waterways.
2. Excavation will also be completed in proposed cut sections to lower the existing ground elevation to meet the proposed roadway grade/vertical alignment.
3. Embankment will be completed in fill areas to raise the existing ground elevation to meet the proposed roadway foreslope and backslope.
4. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, riprap ditch checks, sediment basins, temporary seeding, etc.
5. Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, riprap dry dams, excelsior blanket, seeding, etc.
6. Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total area disturbed by excavation and grading within the project limits is estimated to be approx. 7.5 acres

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

1. Plan sheets indicating approximate slopes contained in the final project plans were utilized for proposed placement of the temporary erosion control measurements.

Drainage Tributaries Receiving Water from this Construction Site:

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.
et:\pw\work\pidot\sparksgw\18216368\0672505-SHT-SWPP.dgn	DRAWN - CADD	REVISED - OCT 2010 (JCN)	55			68-2WS-2	MONTGOMERY	124	62	
Default:SWPPLAN.DGN	PLOT SCALE = 40.0000' / in.	CHECKED - JCN	REVISED - MAY 2012 (JPM)			CONTRACT NO. 72505				
	PLOT DATE = Apr-11-2013 03:50:43PM	DATE - APRIL 5, 1999	REVISED -			SCALE:	SHEET 1 OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	



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 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)	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM WATER POLLUTION PREVENTION PLAN</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\pidot\sparksgw\0216368\0672505-SHT-SWPP.dgn	DRAWN - CADD	REVISED - OCT 2010 (JCN)	55			68-2WS-2	MONTGOMERY	124	63	
SWPPLAN.DGN	PLOT SCALE = 40.0000' / in.	CHECKED - JCN	REVISED - MAY 2012 (JPM)			CONTRACT NO. 72505				
Default	PLOT DATE = Apr-11-2013 03:50:44PM	DATE - APRIL 5, 1999	REVISED -			SCALE:	SHEET 2 OF 4 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: F. A. I. 55 Marked: I-55  
 Section: 68-2WS-2 Project No.: D96-517-01  
 County: MONTGOMERY Contract No.: 72505

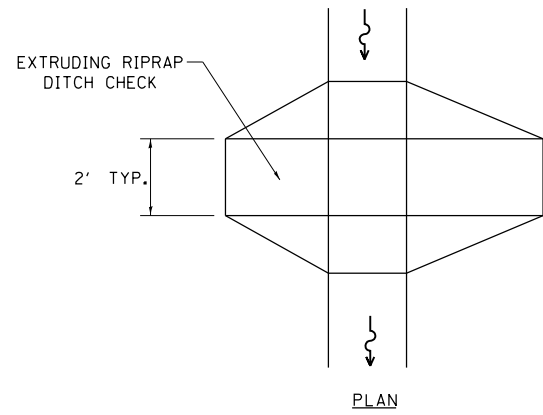
I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

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.

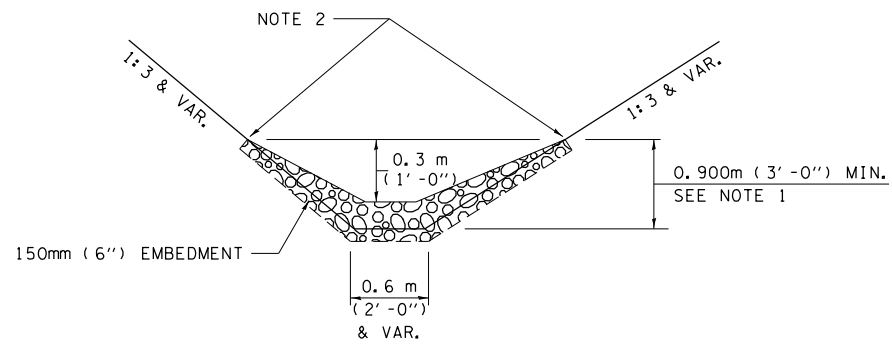
Signature Roy Z. Dinkens Date 4/12/13  
 Title Regis. & Engr.  
 Name of Firm \_\_\_\_\_  Contractor  
 Street Address \_\_\_\_\_  Subcontractor  
 City, State, Zip \_\_\_\_\_  
 Phone Number \_\_\_\_\_

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.

FILE NAME *	USER NAME * shouitzjr	DESIGNED -	REVISED - AUG 2007 (JCN)	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM WATER POLLUTION PREVENTION PLAN</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\dot\katusobejr\0216368\06	72505-SHT-SWPP.dgn	DRAWN - CADD	REVISED - OCT 2010 (JCN)			55	68-2WS-2	MONTGOMERY	124	64	
Default	SWPPLAN.DGN	CHECKED - JCN	REVISED - MAY 2012 (JPM)			SCALE:		SHEET 3 OF 4 SHEETS		STA. TO STA.	ILLINOIS FED. AID PROJECT
	PLOT SCALE * 49.0000' / in.	DATE - APRIL 5, 1999	REVISED -							CONTRACT NO. 72505	
	PLOT DATE * Apr-05-2013 01:24:54PM										



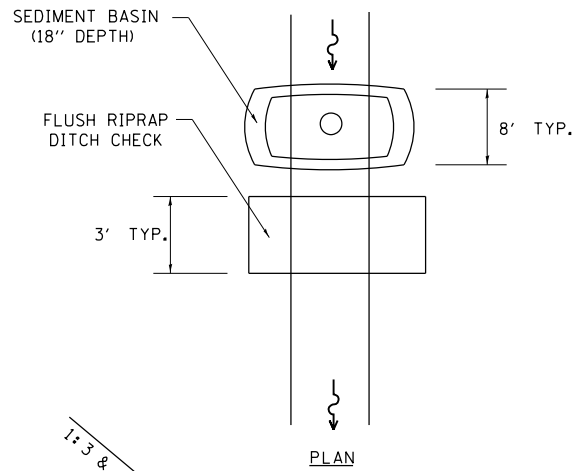
PLAN



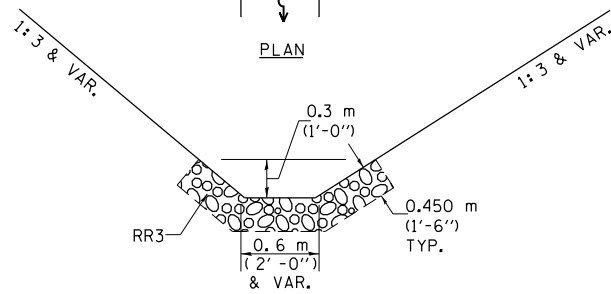
ELEVATION

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 AND PIPE PROTECTION	
PERIMETER EROSION BARRIER	
<b>SEDIMENT BASINS</b>	
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	

GENERAL NOTES:  
All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

FILE NAME = SWPPLAN.DGN	USER NAME = sparksgw	DESIGNED -	REVISED - AUG 2007 (JCN)
et:\pw\work\p\dot\sparksgw\0216368\0672505-SHT-SWPP.dgn		DRAWN - CADD	REVISED - OCT 2010 (JCN)
	PLOT SCALE = 40.0000' / in.	CHECKED - JCN	REVISED - MAY 2012 (JPM)
	PLOT DATE = Apr-11-2013 03:50:45PM	DATE - APRIL 5, 1999	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

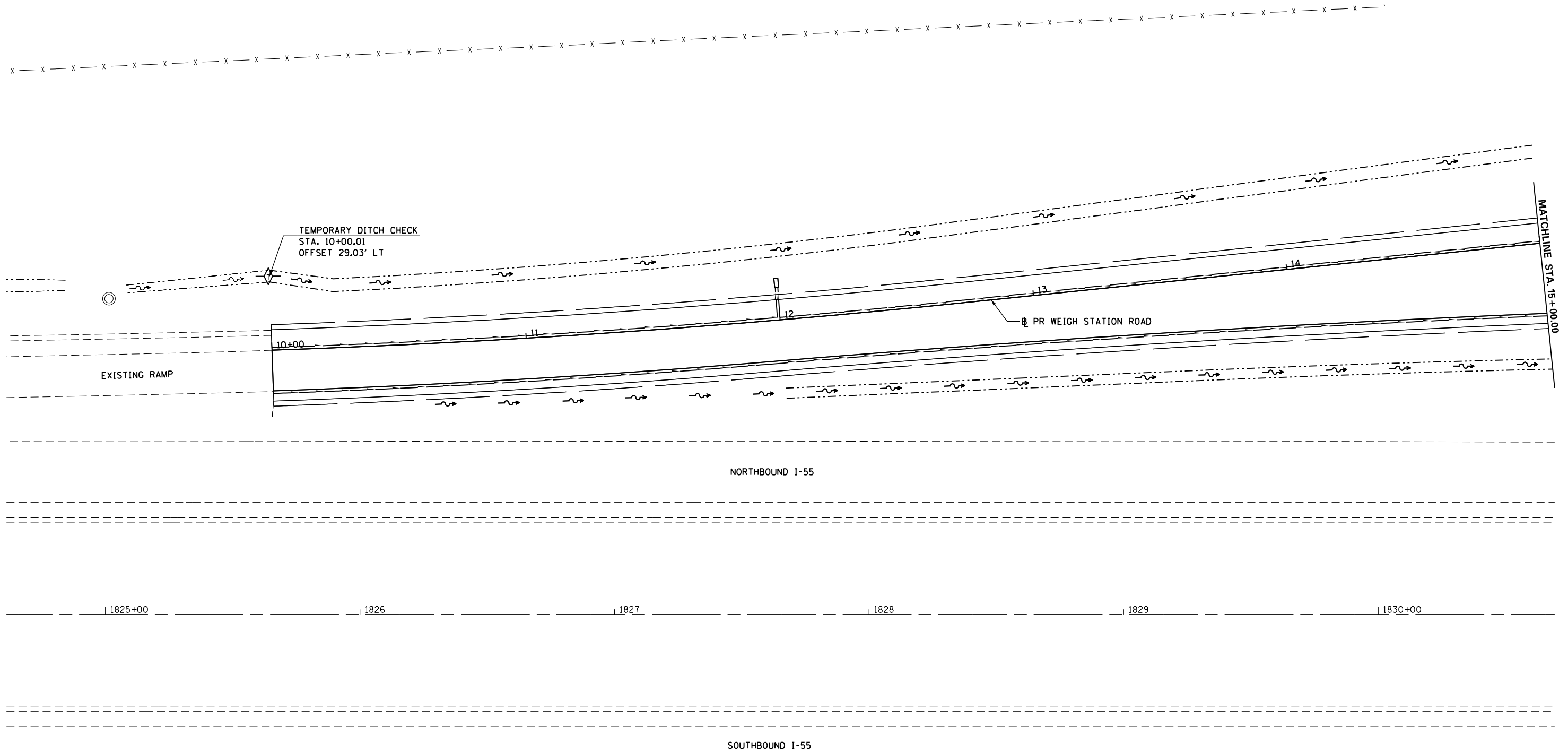
**STORM WATER POLLUTION  
PREVENTION PLAN**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	65
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	



LEGEND	
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION





FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
ct:\pw\work\pwidot\sparksgw\0216368\0672505-sht-erosion_ctr-1.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:47PM	DATE - VJM	REVISED -

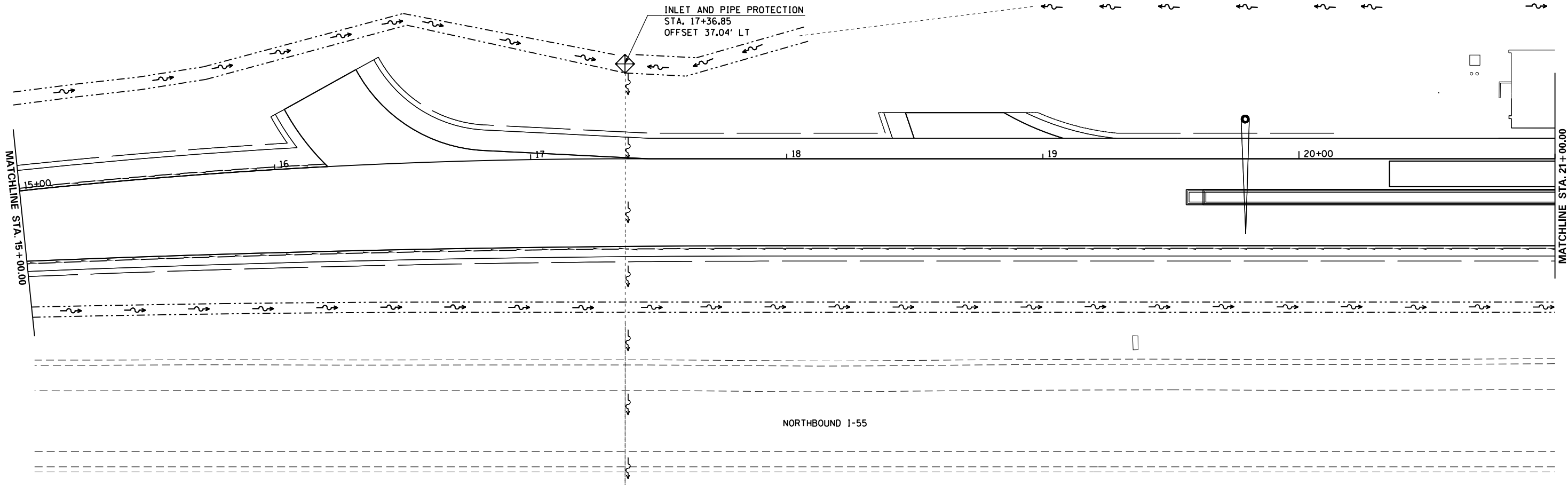
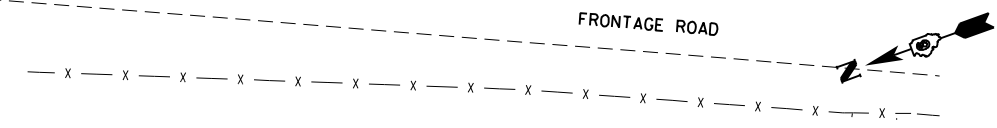
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL  
WEIGH STATION ROAD & PARKING LOT**

SCALE: 1" = 20'    SHEET NO. 1 OF 7 SHEETS    STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	66
				CONTRACT NO. 72505
ILLINOIS FED. AID PROJECT				

LEGEND	
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
ct:\pw\work\p\idot\sparksgw\0216368\0672505-sht-erosion_ctr-1.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:47PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

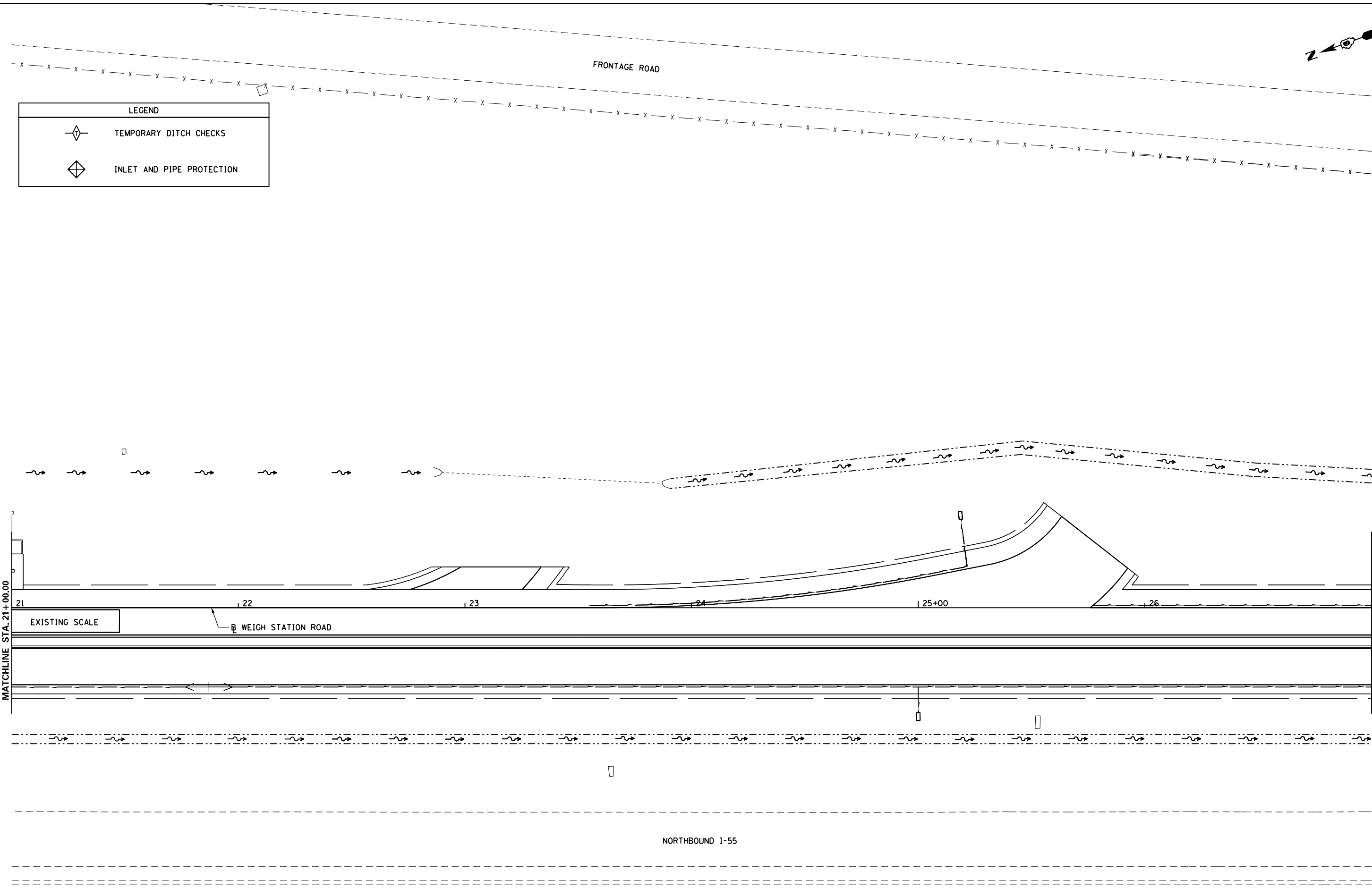
**EROSION AND SEDIMENT CONTROL  
WEIGH STATION ROAD & PARKING LOT**

SCALE: 1" = 20'    SHEET NO. 2 OF 7 SHEETS    STA. 15+00.00 TO STA. 21+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	67
				<b>CONTRACT NO. 72505</b>
ILLINOIS FED. AID PROJECT				



LEGEND	
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION





FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
ct:\pw\work\p\idot\sparksgw\0216368\0672505-sht-erosion_ctr-1.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:48PM	DATE - VJM	REVISED -

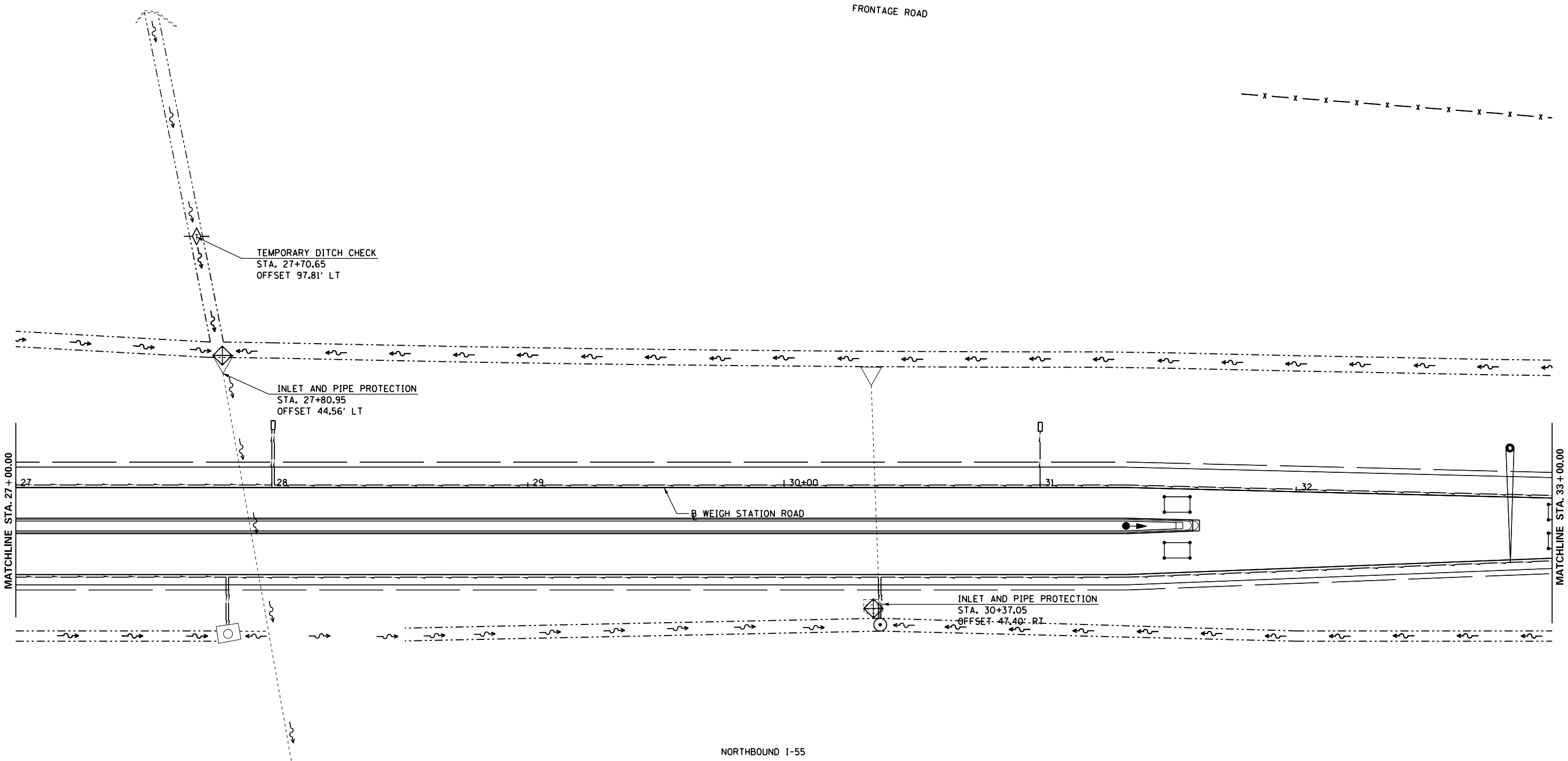
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL  
WEIGH STATION ROAD & PARKING LOT**

SCALE: 1" = 20'    SHEET NO. 3 OF 7 SHEETS    STA. 21+00.00 TO STA. 27+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	68
				<b>CONTRACT NO. 72505</b>
ILLINOIS FED. AID PROJECT				

LEGEND	
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION





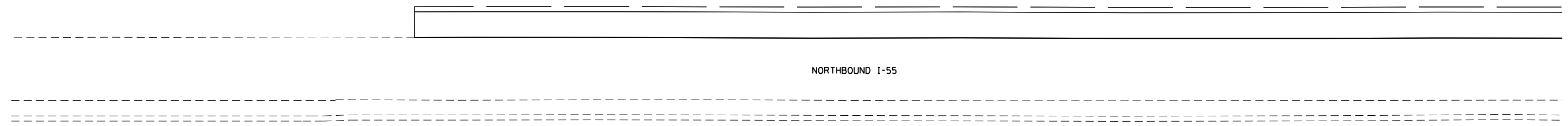
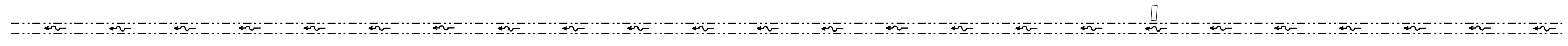
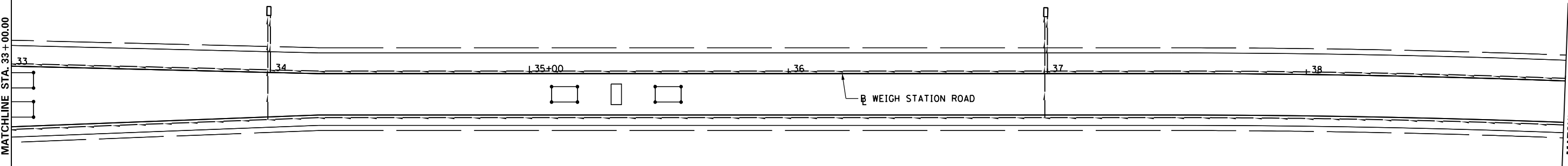
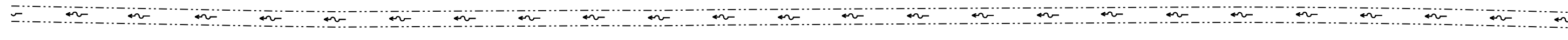
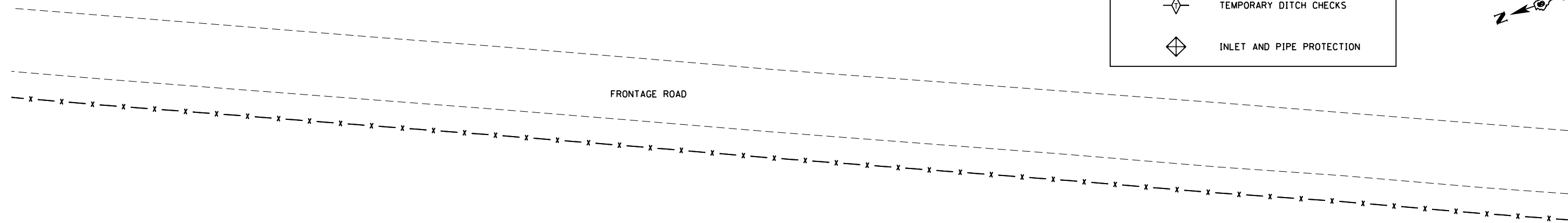
FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
c:\pwork\work\pwork\sparksgw\0216368\067505-sht-erosion_ctr-1.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:48PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION AND SEDIMENT CONTROL WEIGH STATION ROAD &amp; PARKING LOT</b>		
SCALE: 1" = 20'	SHEET NO. 4 OF 7 SHEETS	STA. 27+00.00 TO STA. 33+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	69
				CONTRACT NO. 72505
ILLINOIS FED. AID PROJECT				

LEGEND	
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION

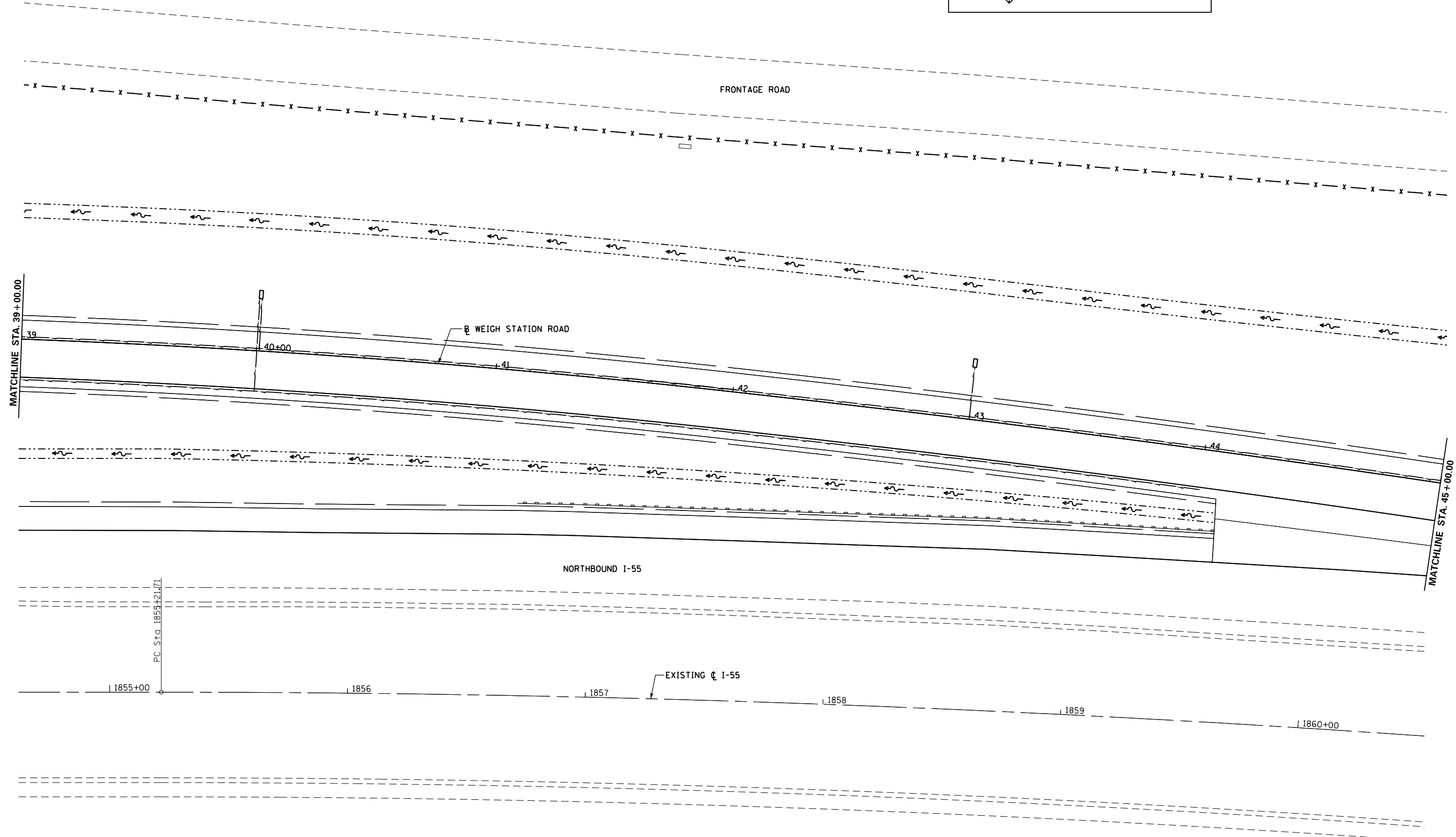


FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION AND SEDIMENT CONTROL WEIGH STATION ROAD &amp; PARKING LOT</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\sparksgw\0216368\067	505-sht-erosion_ctr-1.dgn	DRAWN - MEW	REVISED -			55	68-2WS-2	MONTGOMERY	124	70
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -			CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	
	PLOT DATE = Apr-11-2013 03:50:49PM	DATE - VJM	REVISED -			SCALE: 1" = 20'	SHEET NO. 5 OF 7 SHEETS	STA. 33+00.00 TO STA. 39+00.00		





LEGEND	
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
c:\pwwork\pwwork\sparksgw\0216368\0672505-sht-erosion_ctr-1.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:49PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

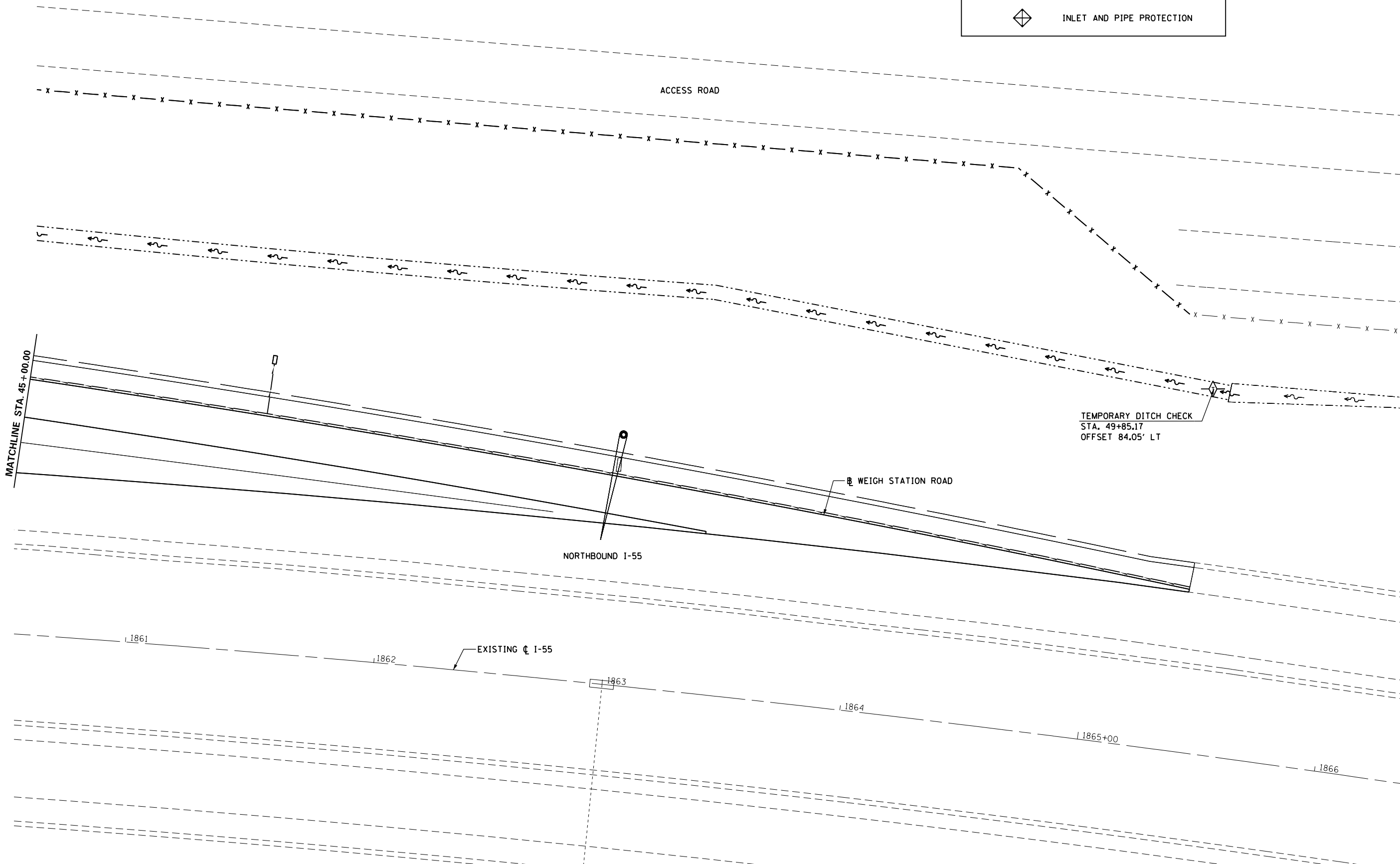
**EROSION AND SEDIMENT CONTROL  
WEIGH STATION ROAD AND PARKING LOT**

SCALE: 1" = 20'    SHEET NO. 6 OF 7 SHEETS    STA. 39+00.00 TO STA. 45+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	71
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	



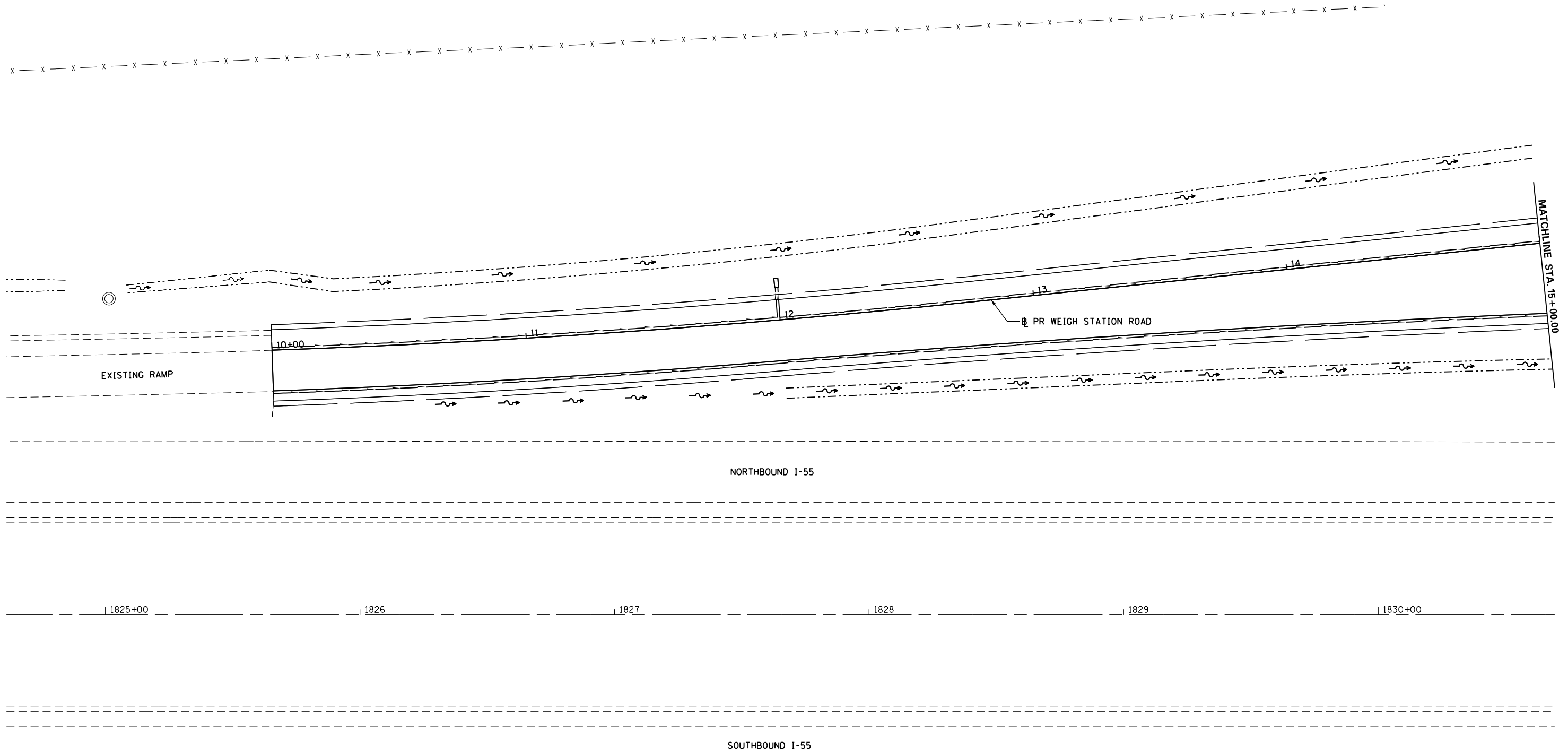
LEGEND	
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION



FILE NAME = c:\pwork\pwork\sparks\0216368\0672505-sht-erosion_ctr-1.dgn	USER NAME = sparksq	DESIGNED - MEW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION AND SEDIMENT CONTROL WEIGH STATION ROAD AND PARKING LOT</b>			F.A.I. RTE. = 55	SECTION = 68-2WS-2	COUNTY = MONTGOMERY	TOTAL SHEETS = 124	SHEET NO. = 72	
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -		SCALE: 1" = 20'	SHEET NO. 7 OF 7 SHEETS	STA. 45+00.00 TO STA. 49+92.56	CONTRACT NO. 72505					
	PLOT DATE = Apr-11-2013 03:50:49PM	DATE - VJM	REVISED -		ILLINOIS FED. AID PROJECT								



DRAINAGE LEGEND					
	EX	PR		EX	PR
PIPE CULVERT	---	---	FLARED END SECTION	◁	◀
DITCH FLOW	~>	~>	PIPE DRAIN HEADWALL	□	□
PIPE UNDERDRAIN	---	---			



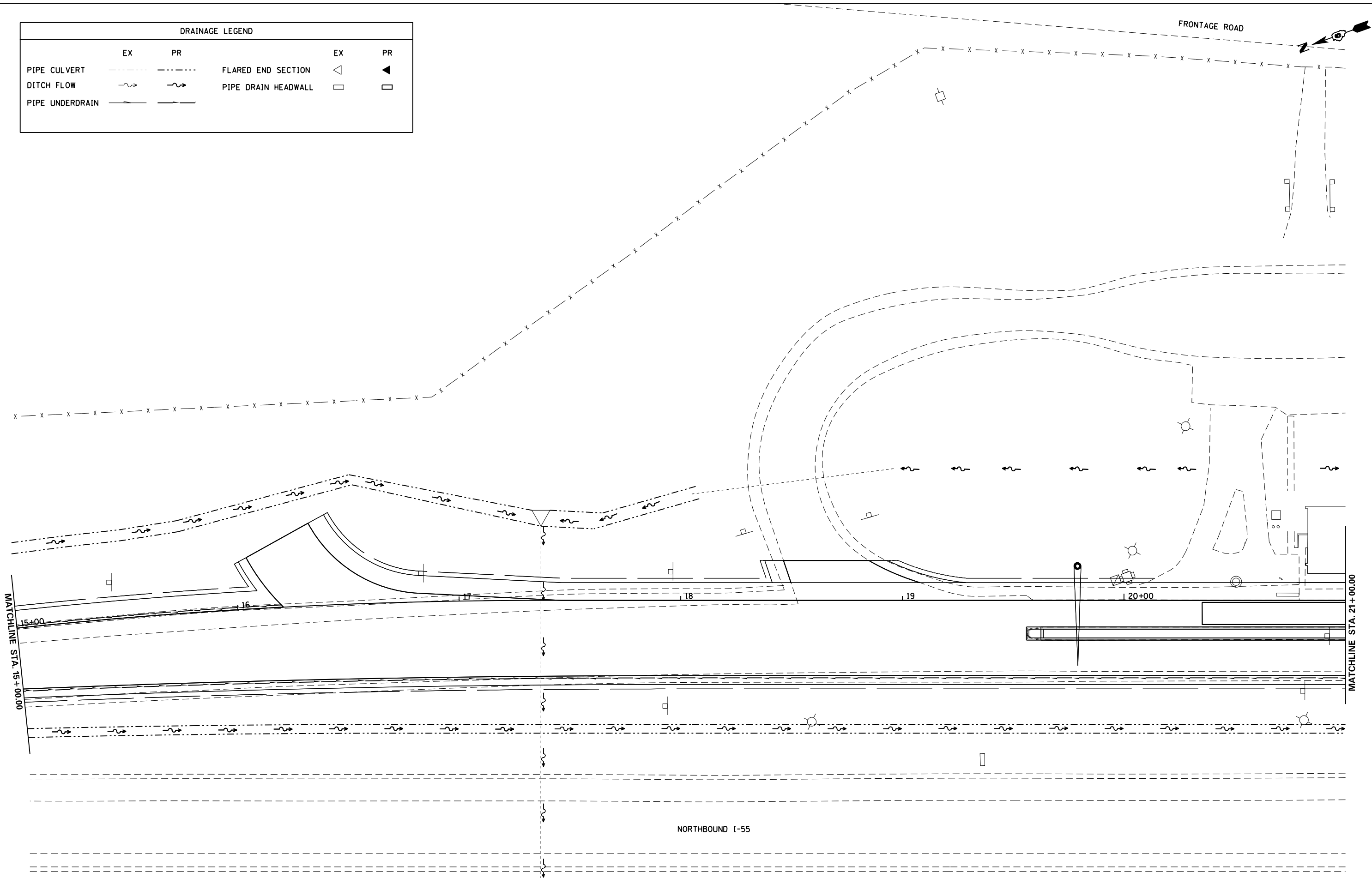
FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
et:\pw\work\pwidot\sparksgw\0216368\0672505-sht-drainage_pr.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:51PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE SHEETS</b>		
SCALE: 1" = 20'	SHEET NO. 1 OF 7 SHEETS	STA. 10+00.00 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	73
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				

DRAINAGE LEGEND					
	EX	PR		EX	PR
PIPE CULVERT	---	---	FLARED END SECTION	◁	◀
DITCH FLOW	~>	~>	PIPE DRAIN HEADWALL	□	□
PIPE UNDERDRAIN	---	---			



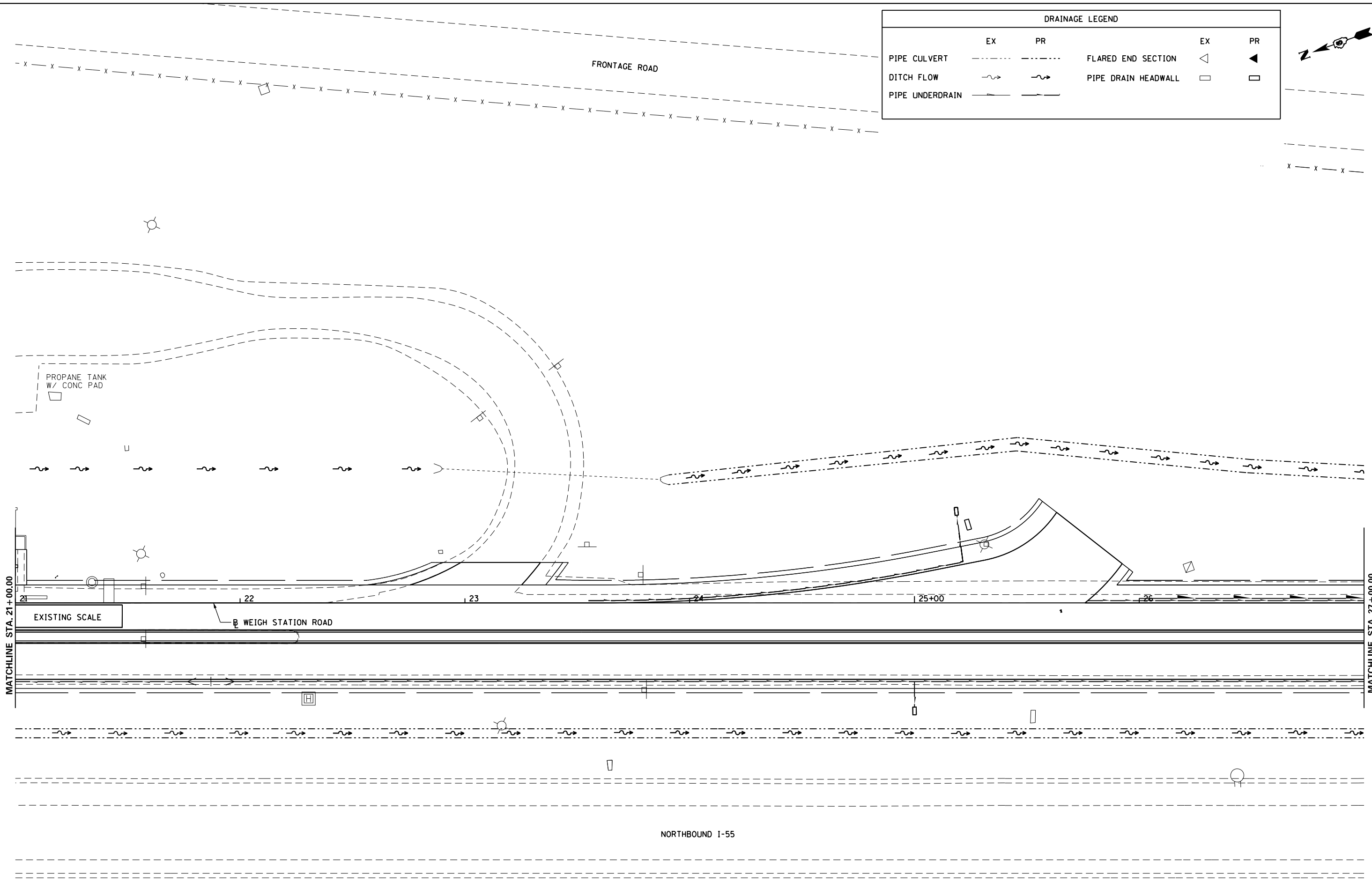
FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
c:\pwork\pwork\sparksgw\0216368\0672505-sht-drainage.pr.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:51PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SHEETS**

SCALE: 1" = 20'    SHEET NO. 2 OF 7 SHEETS    STA. 15+00.00 TO STA. 21+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	74
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				



DRAINAGE LEGEND					
	EX	PR		EX	PR
PIPE CULVERT	---	---	FLARED END SECTION	◁	◀
DITCH FLOW	~>	~>	PIPE DRAIN HEADWALL	□	□
PIPE UNDERDRAIN	---	---			



MATCHLINE STA. 21+00.00

MATCHLINE STA. 27+00.00

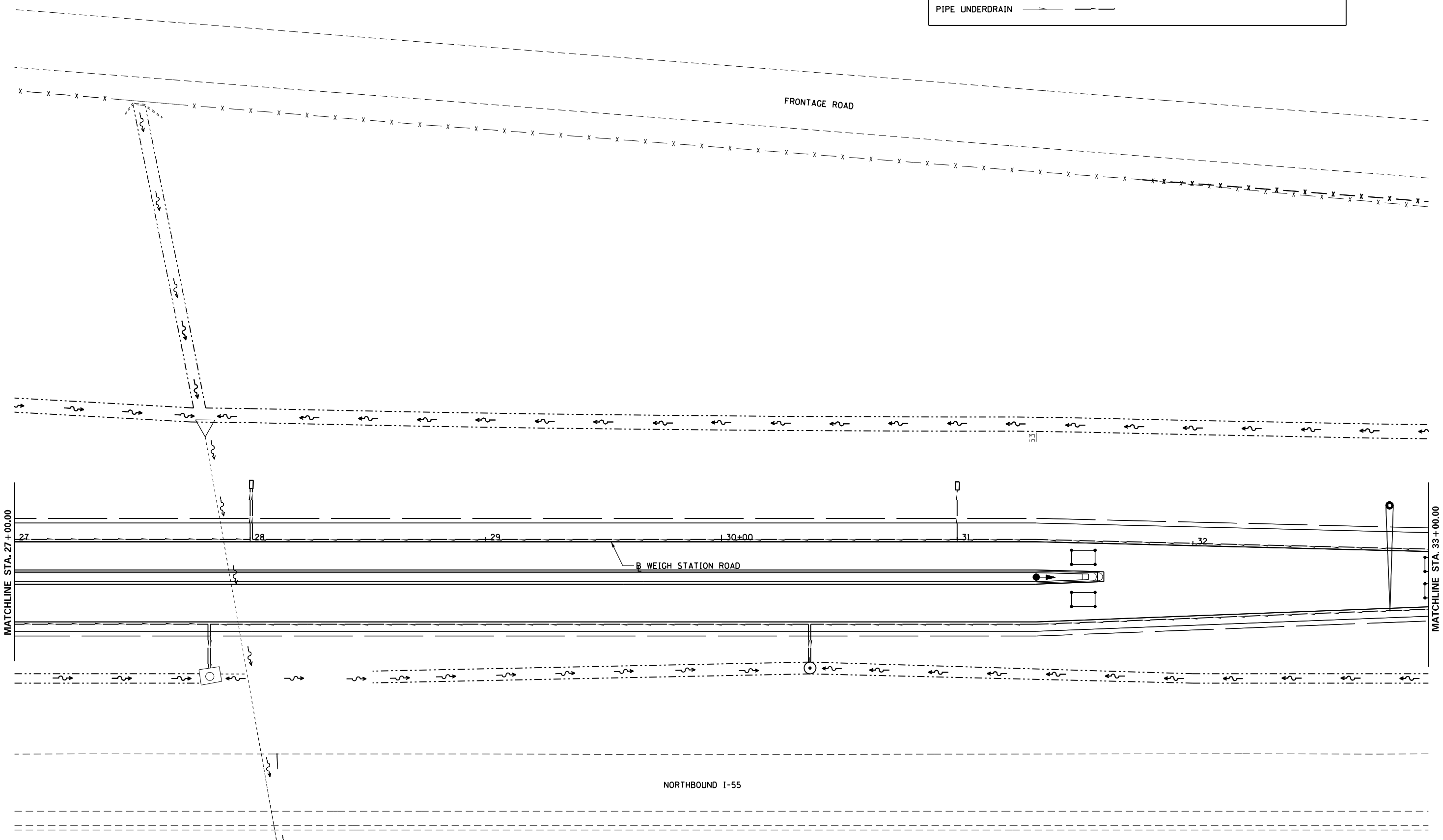
EXISTING SCALE

WEIGH STATION ROAD

NORTHBOUND I-55

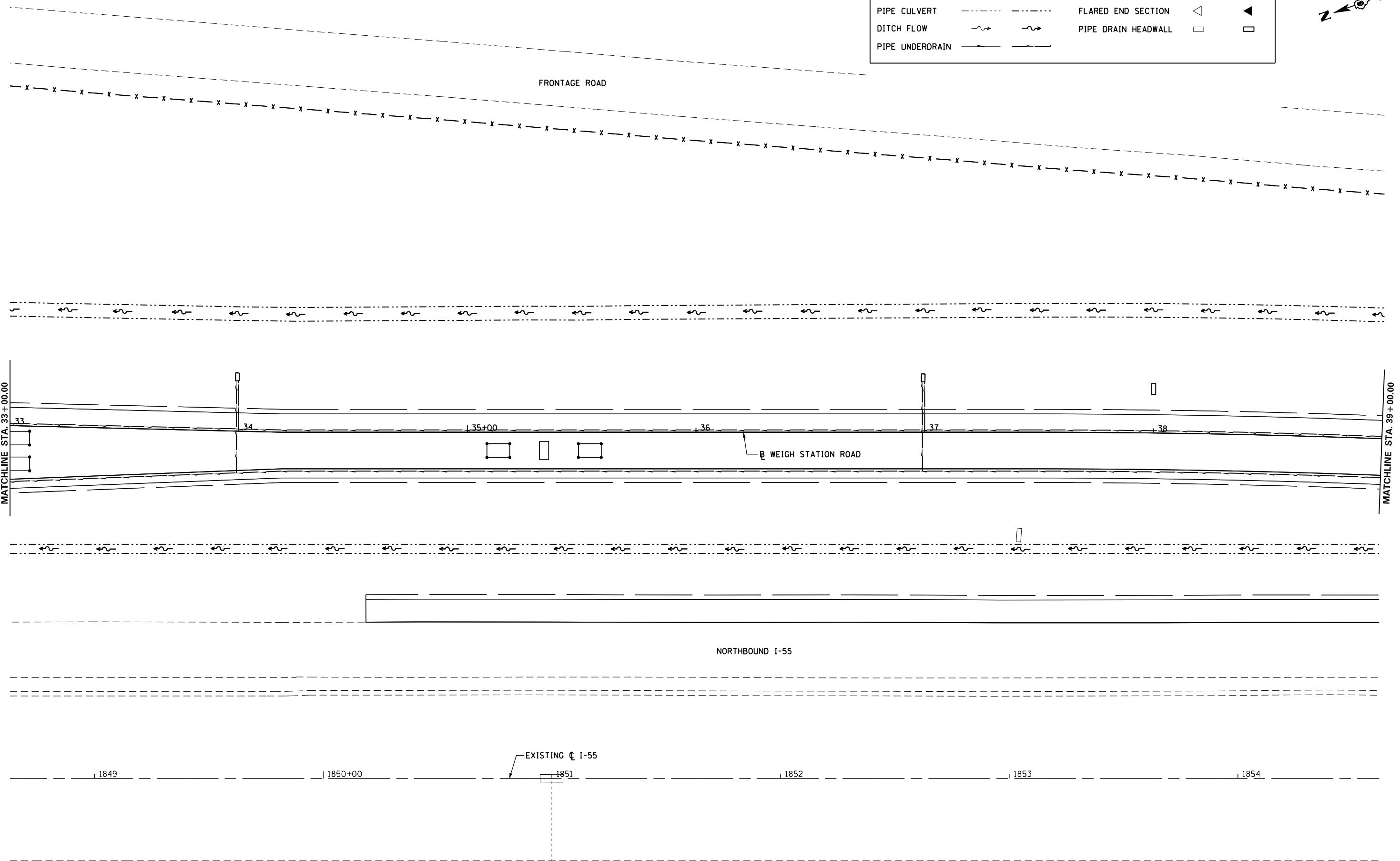
FILE NAME = c:\pwwork\pwwork\sparksgw\0216368\067505-sht-drainage.pr.dgn	USER NAME = sparksgw	DESIGNED - MEW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE SHEETS</b>			F.A.I. RTE. = 55	SECTION = 68-2WS-2	COUNTY = MONTGOMERY	TOTAL SHEETS = 124	SHEET NO. = 75
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -		SCALE: 1" = 20'	SHEET NO. 3 OF 7 SHEETS	STA. 21+00.00 TO STA. 27+00.00	CONTRACT NO. 72505		ILLINOIS FED. AID PROJECT		
PLOT DATE = Apr-11-2013 03:50:52PM	DATE - VJM	REVISED -										

DRAINAGE LEGEND					
	EX	PR		EX	PR
PIPE CULVERT	---	---	FLARED END SECTION	◁	◀
DITCH FLOW	~>	~>	PIPE DRAIN HEADWALL	□	□
PIPE UNDERDRAIN	---	---			



FILE NAME = c:\pwork\work\pwork\sparksgw\0216368\0672505-sht-drainage.pr.dgn	USER NAME = sparksgw	DESIGNED - MEW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE SHEETS</b>			F.A.I. RTE. = 55	SECTION = 68-2WS-2	COUNTY = MONTGOMERY	TOTAL SHEETS = 124	SHEET NO. = 76
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -		SCALE: 1" = 20'	SHEET NO. 4 OF 7 SHEETS	STA. 27+00.00 TO STA. 33+00.00	CONTRACT NO. 72505				
PLOT DATE = Apr-11-2013 03:50:52PM	DATE - VJM	REVISED -			ILLINOIS FED. AID PROJECT							

DRAINAGE LEGEND					
	EX	PR		EX	PR
PIPE CULVERT	---	- - - - -	FLARED END SECTION	◁	◀
DITCH FLOW	~>	~>	PIPE DRAIN HEADWALL	□	□
PIPE UNDERDRAIN	---	---			



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
c:\pwork\pwork\sparksgw\0216368\0672505-sht-drainage.pr.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:53PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

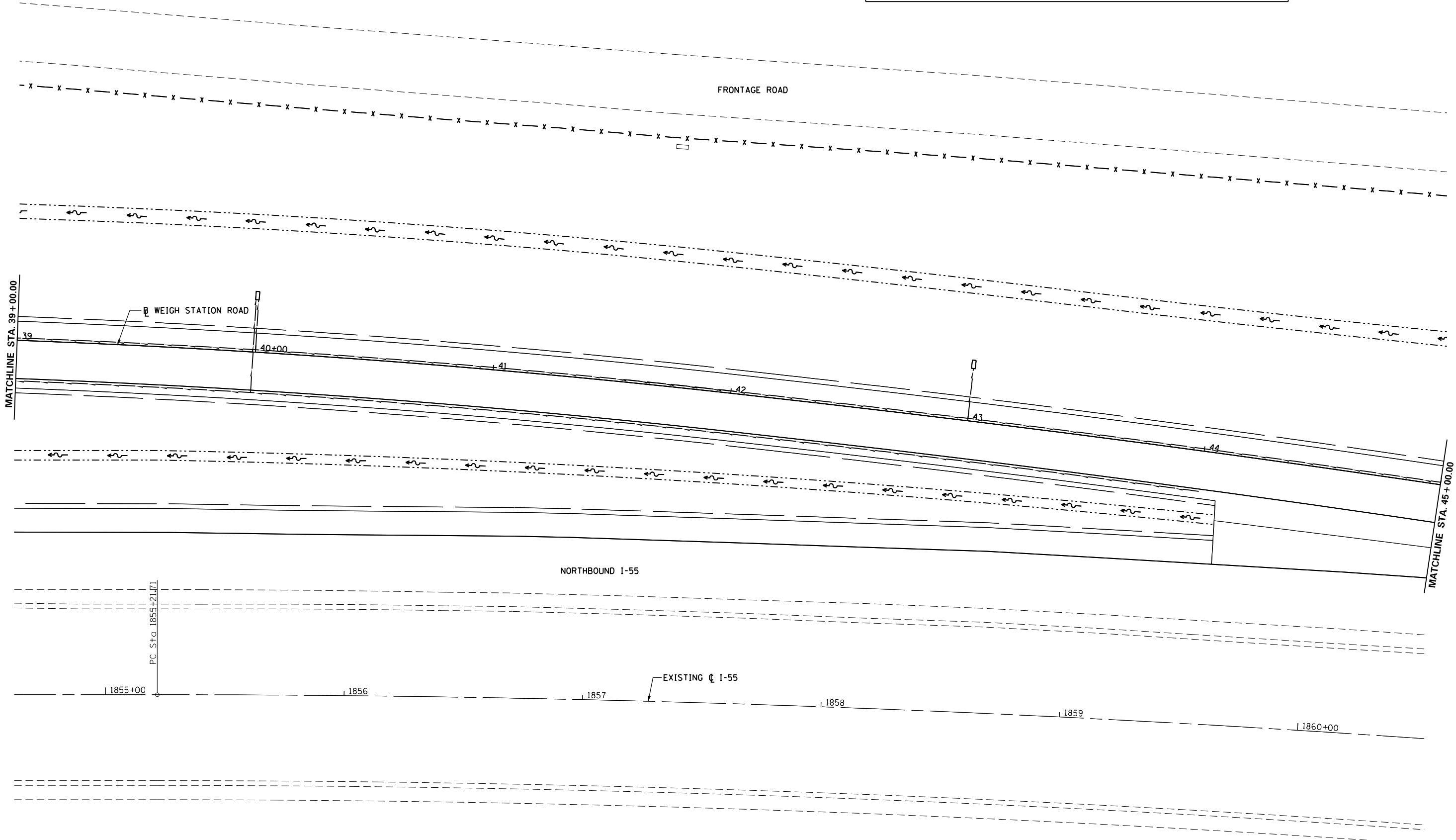
**DRAINAGE SHEETS**

SCALE: 1" = 20'    SHEET NO. 5 OF 7 SHEETS    STA. 33+00.00 TO STA. 39+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	77
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				



DRAINAGE LEGEND					
	EX	PR		EX	PR
PIPE CULVERT	---	---	FLARED END SECTION	◁	◀
DITCH FLOW	~>	~>	PIPE DRAIN HEADWALL	□	□
PIPE UNDERDRAIN	---	---			



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -
ei:\pwork\pwork\sparksgw\0216368\0672505-sht-drainage.pr.dgn		DRAWN - MEW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MEW	REVISED -
	PLOT DATE = Apr-11-2013 03:50:53PM	DATE - VJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SHEETS**

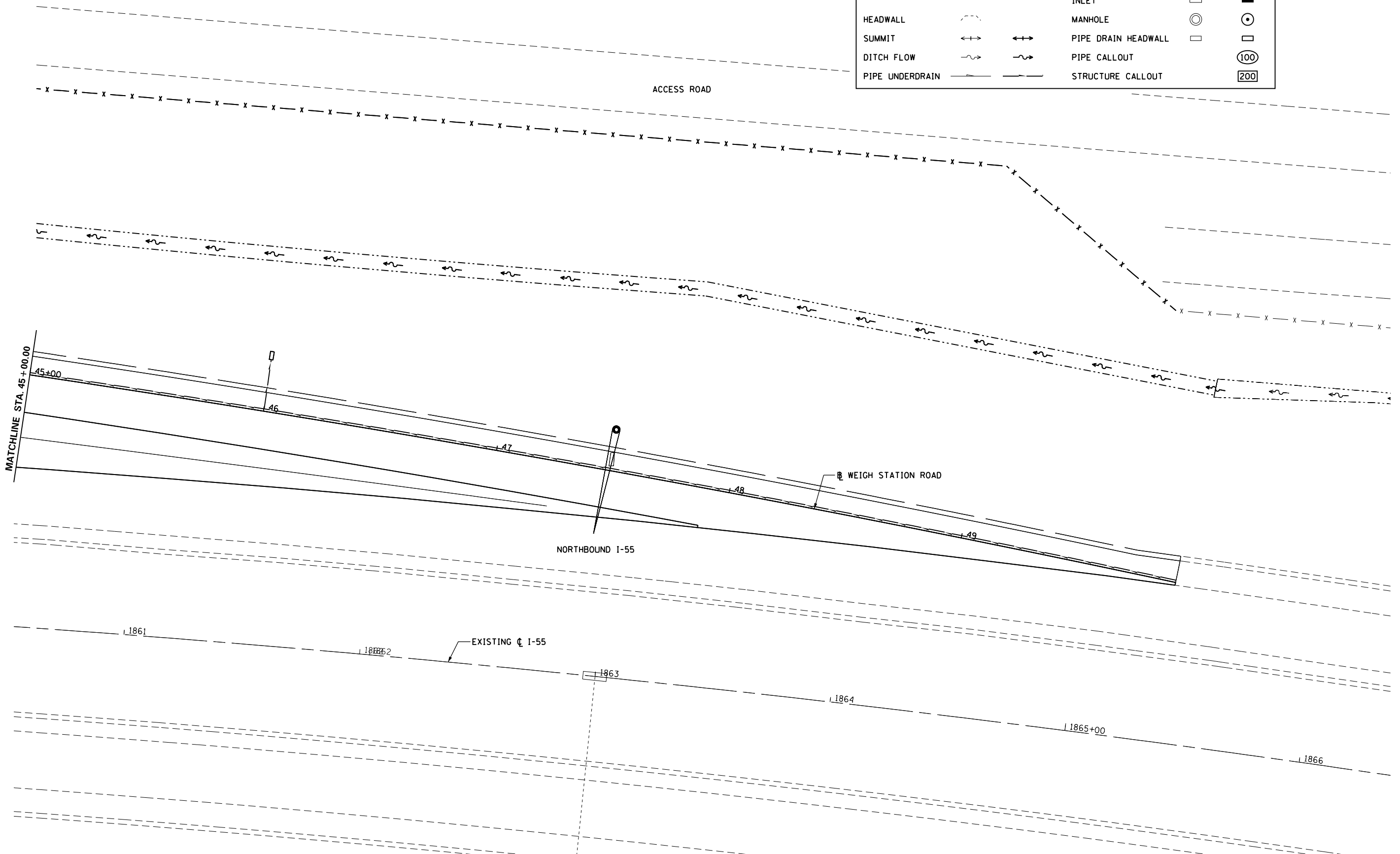
SCALE: 1" = 20'    SHEET NO. 6 OF 7 SHEETS    STA. 39+00.00 TO STA. 45+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	78
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				

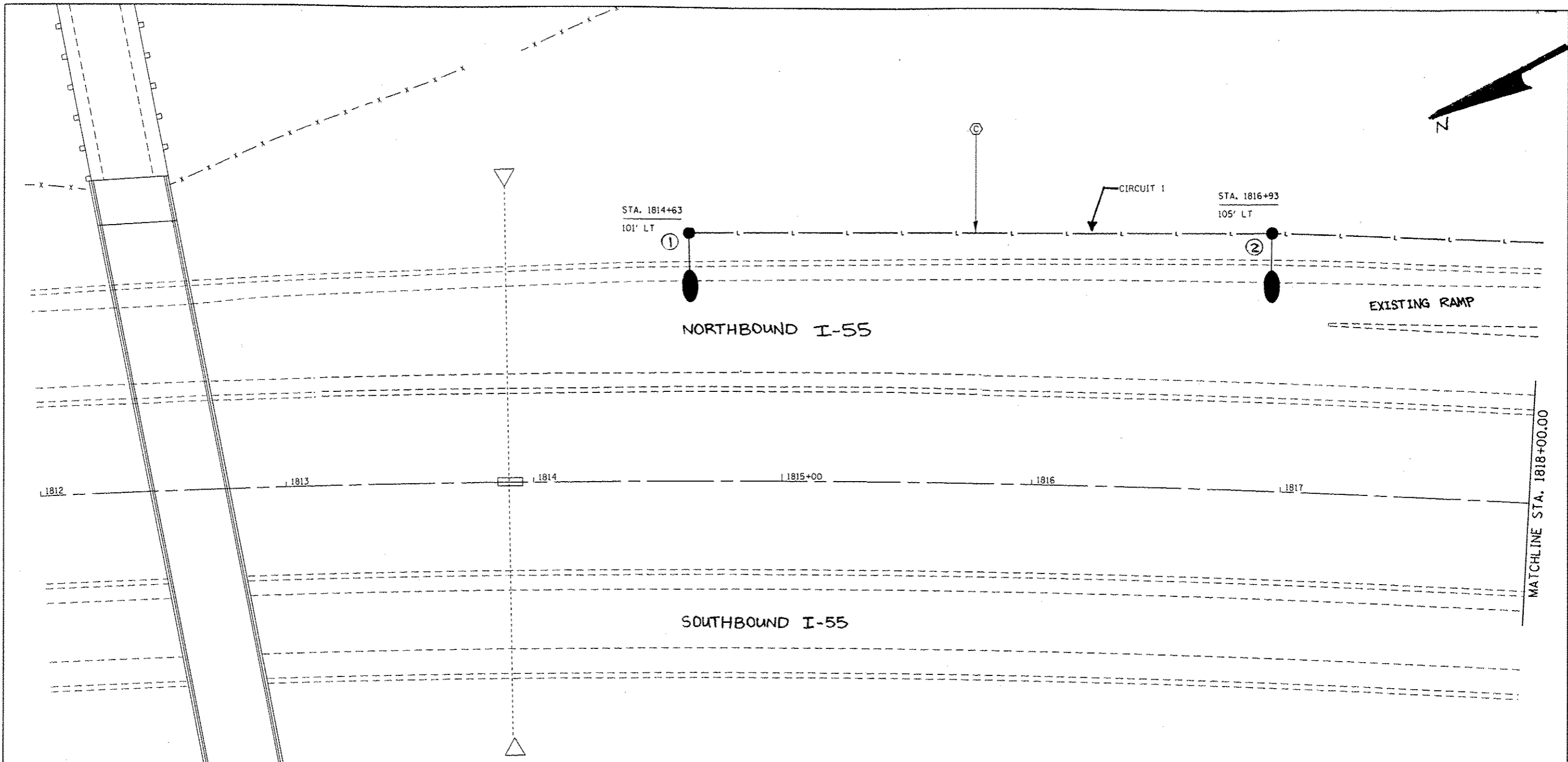




DRAINAGE LEGEND				
	EX	PR	EX	PR
PIPE CULVERT	---	---	◁	▷
HEADWALL	~	~	□	■
SUMMIT	↔	↔	○	⊙
DITCH FLOW	~	~	□	□
PIPE UNDERDRAIN	---	---	⊙	⊙
			◁	▷
			□	■
			○	⊙
			□	□
			⊙	⊙
			⊙	⊙



FILE NAME =	USER NAME = sparksgw	DESIGNED - MEW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE SHEETS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\sparksgw\0216368\0672505-sht-drainage.pr.dgn		DRAWN - MEW	REVISED -		55	68-2WS-2	MONTGOMERY	124	79			
PLOT SCALE = 40.0000' / in.		CHECKED - MEW	REVISED -		CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT				
PLOT DATE = Apr-11-2013 03:50:53PM		DATE - VJM	REVISED -		SCALE: 1" = 20'	SHEET NO. 7 OF 7 SHEETS	STA. 45+00.00 TO STA. 49+92.56					



**LEGEND**

- EXISTING LIGHTING UNIT TO REMAIN
- EXISTING LIGHTING UNIT TO BE **RELOCATED**
- RELOCATED** LIGHTING UNIT
- LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM WITH 250W HORIZONTAL MOUNT HPS LUMINAIRE
- EXISTING UNIT DUCT TO REMAIN
- UNIT DUCT, SIZE AS INDICATED
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA. **SCHEDULE 80**, UNLESS NOTED OTHERWISE

**CABLE / CONDUIT SCHEDULE**

- A** UNIT DUCT, 600V, 2-1C No. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
- B** UNIT DUCT, 600V, 2-1C No. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE
- C** UNIT DUCT, 600V, 2-1C No. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE) 1" DIA. POLYETHYLENE

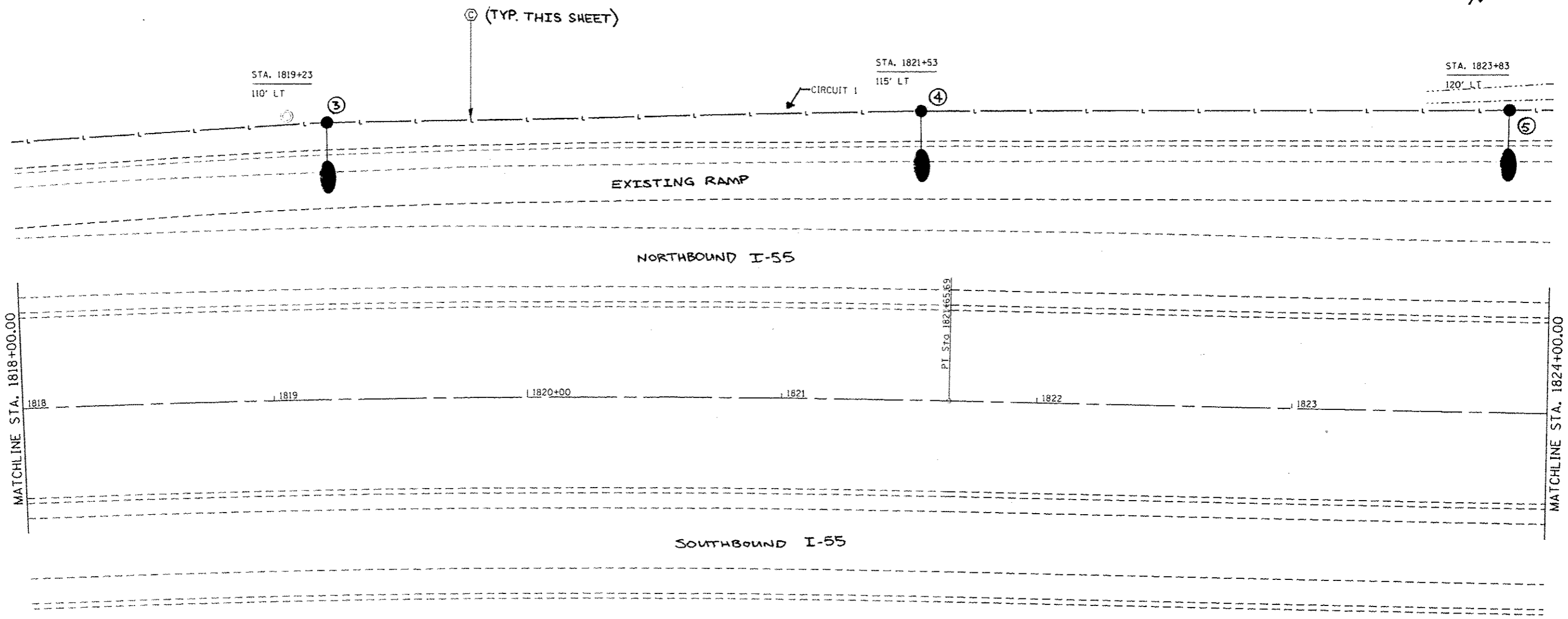
FILE NAME *	USER NAME *	DESIGNED -	REVISED -
c:\p\work\p\idot\sparkga\0216368\067	585-ahf-light.dgn	DRAWN -	REVISED -
Default	PLOT SCALE * 48.0000 / / in.	CHECKED -	REVISED -
	PLOT DATE * Apr-11-2013 03:58:58PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LIGHTING DETAILS**

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	80
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				



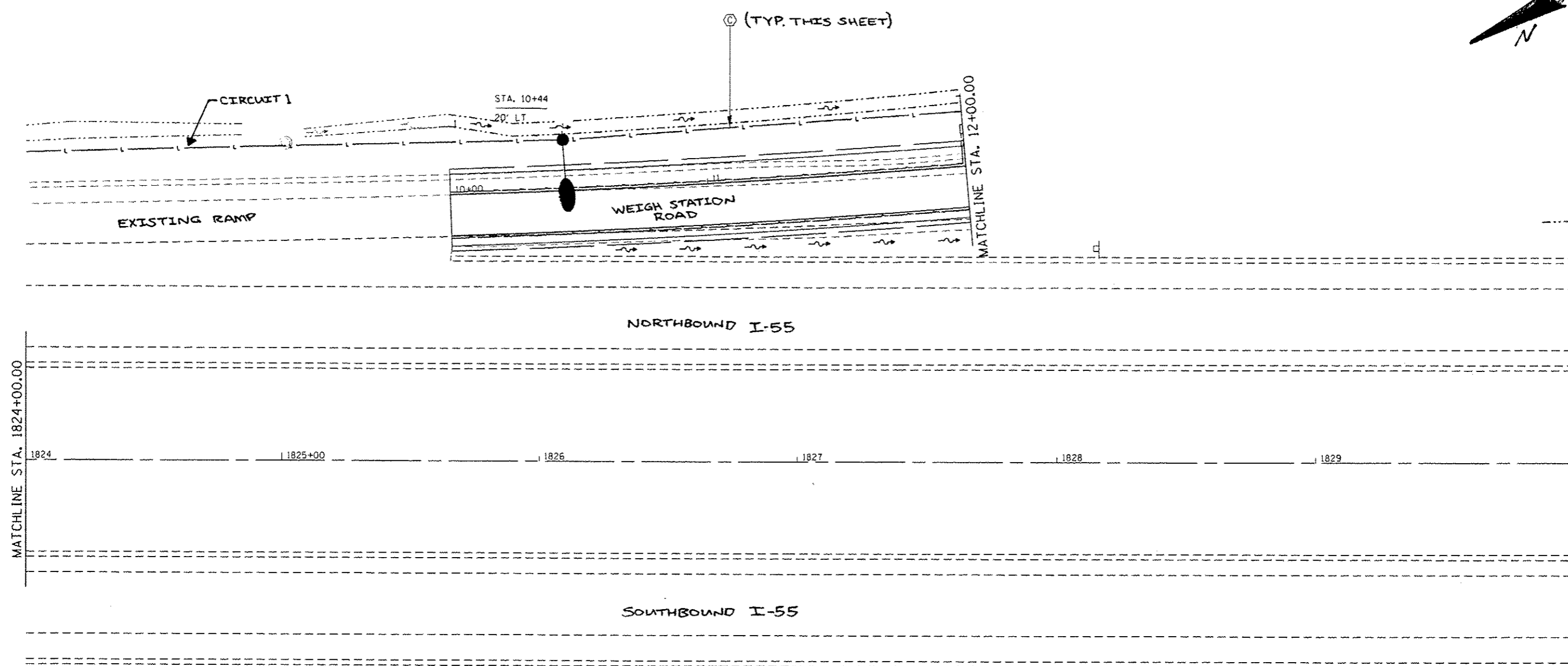
**LEGEND**

- ⊕ EXISTING LIGHTING UNIT TO REMAIN
- ⊖ EXISTING LIGHTING UNIT TO BE RELOCATED
- RELOCATED LIGHTING UNIT
- LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM WITH 250W HORIZONTAL MOUNT HPS LUMINAIRE
- EXISTING UNIT DUCT TO REMAIN
- - - UNIT DUCT, SIZE AS INDICATED
- ==== UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA. SCHEDULE 80, UNLESS OTHERWISE NOTED

**CABLE / CONDUIT SCHEDULE**

- Ⓐ UNIT DUCT, 600V, 2-1C No. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE) 1 1/4" DIA. POLYETHYLENE
- Ⓑ UNIT DUCT, 600V, 2-1C No. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE
- Ⓒ UNIT DUCT, 600V, 2-1C No. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE) 1" DIA. POLYETHYLENE

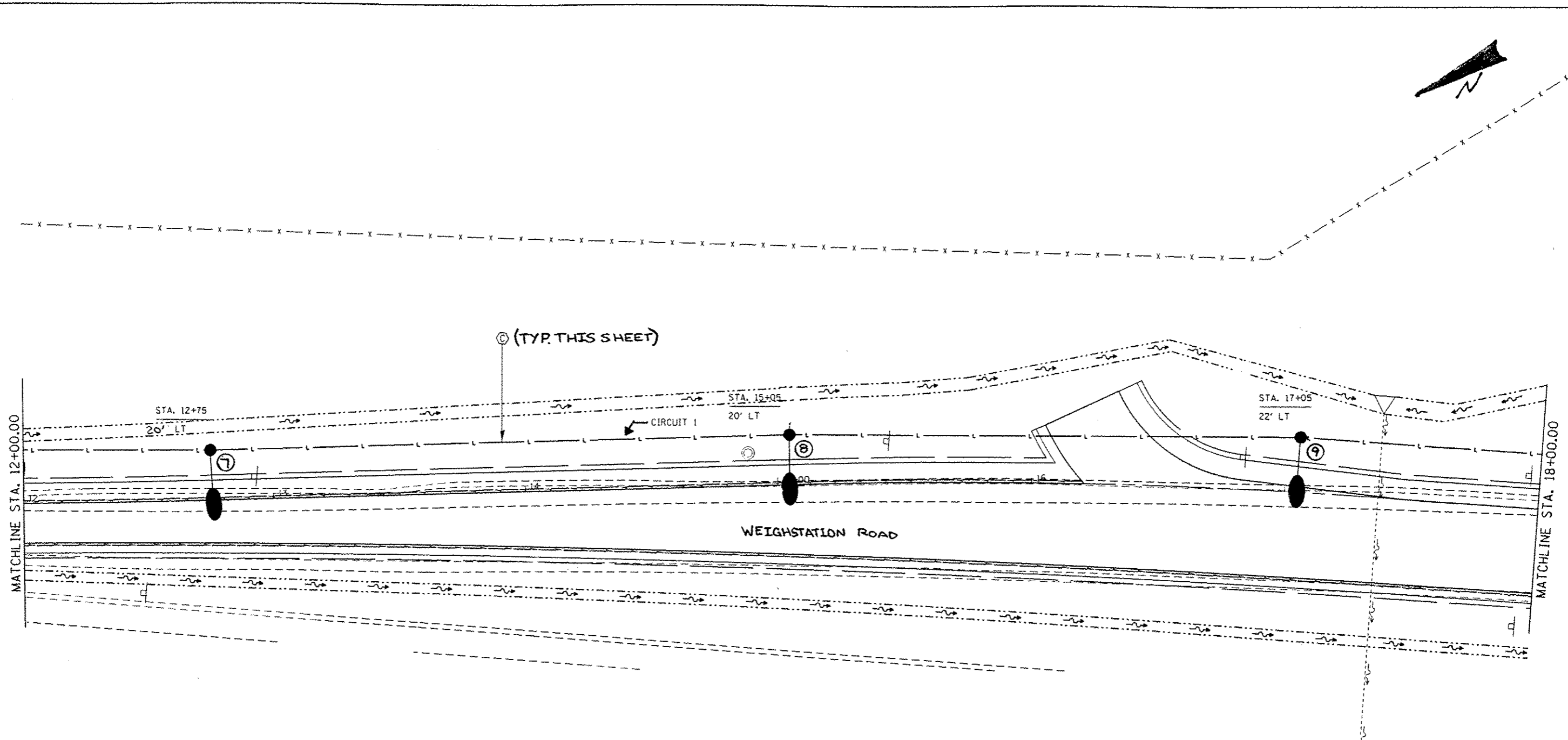
FILE NAME : c:\p\work\sparkga\0218368\057	USER NAME : sparkga	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SBS-ant-light.cgn	DRAWN -	REVISED -					55	68-2WS-2	MONTGOMERY	124	81
Default	PLOT SCALE : #0.0000 1/1 in.	CHECKED -	REVISED -	SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT					
	PLOT DATE : Apr-11-2013 03:58:57PM	DATE -	REVISED -									



- LEGEND**
- ⊕ EXISTING LIGHTING UNIT TO REMAIN
  - ⊕ R EXISTING LIGHTING UNIT TO BE RELOCATED
  - ⊕ RELOCATED LIGHTING UNIT
  - LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM WITH 250W HORIZONTAL MOUNT HPS LUMINAIRE
  - EXISTING UNIT DUCT TO REMAIN
  - UNIT DUCT, SIZE AS INDICATED
  - ==== UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA. SCHEDULE 80 UNLESS NOTED OTHERWISE

- CABLE / CONDUIT SCHEDULE**
- (A) UNIT DUCT, 600V, 2-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE) 1 1/4" DIA. POLYETHYLENE
  - (B) UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE
  - (C) UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE) 1" DIA. POLYETHYLENE

FILE NAME * c:\pwwork\psidot\sparksgw\0216368\087	USER NAME * sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * 40.0000 1/16"	CHECKED -	REVISED -					55	68-ZWS-2	MONTGOMERY	124	82
	PLOT DATE * Apr-11-2013 03:58:57PM	DATE -	REVISED -		SCALE:	SHEET 3 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	CONTRACT NO. 72505											



Ⓢ (TYP. THIS SHEET)

STA. 12+75  
20' LT

STA. 15+05  
20' LT

STA. 17+05  
22' LT

MATCHLINE STA. 12+00.00

MATCHLINE STA. 18+00.00

WEIGHSTATION ROAD

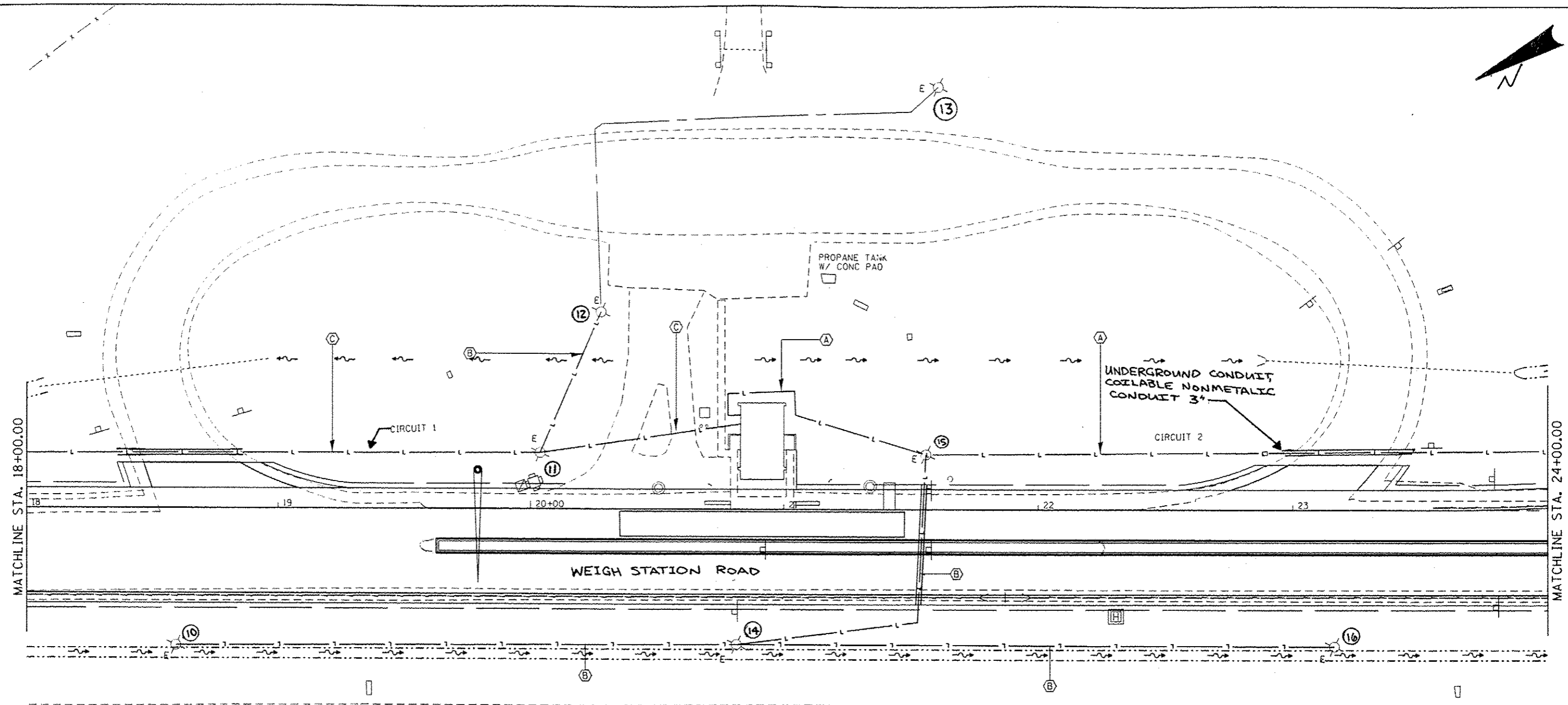
**LEGEND**

- E EXISTING LIGHTING UNIT TO REMAIN
- R EXISTING LIGHTING UNIT TO BE RELOCATED
- RELOCATED LIGHTING UNIT
- LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM WITH 250W HORIZONTAL MOUNT HPS LUMINAIRE
- EXISTING UNIT DUCT TO REMAIN
- - - UNIT DUCT, SIZE AS INDICATED
- ==== UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA. SCHEDULE 80, UNLESS NOTED OTHERWISE

**CABLE / CONDUIT SCHEDULE**

- Ⓐ UNIT DUCT, 600V, 2-1C No. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
- Ⓑ UNIT DUCT, 600V, 2-1C No. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE
- Ⓒ UNIT DUCT, 600V, 2-1C No. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE) 1" DIA. POLYETHYLENE

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\psidot\sparkga\0216368\067	sparkga	DRAWN -	REVISED -		55	68-2WS-2	MONTGOMERY	124	83			
Default	585-ahc-light.dgn	CHECKED -	REVISED -		SCALE:	SHEET 4 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT SCALE * 48.0000' / in.	DATE -	REVISED -									
	PLOT DATE * Apr-11-2013 03:58:57PM											



**LEGEND**

- $\text{H E}$  EXISTING LIGHTING UNIT TO REMAIN
- $\text{H R}$  EXISTING LIGHTING UNIT TO BE **RELOCATED**
- $\text{O}$  RELOCATED LIGHTING UNIT
- $\text{L}$  LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM WITH 250W HORIZONTAL MOUNT HPS LUMINAIRE
- $\text{---}$  EXISTING UNIT DUCT TO REMAIN
- $\text{---L---$  UNIT DUCT, SIZE AS INDICATED
- $\text{---}$  UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.

**CABLE / CONDUIT SCHEDULE**

- $\text{A}$  UNIT DUCT, 600V, 2-1C No. 2, 1/C No. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
- $\text{B}$  UNIT DUCT, 600V, 2-1C No. 8, 1/C No. 8 GROUND, (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE
- $\text{C}$  UNIT DUCT, 600V, 2-1C No. 4, 1/C No. 6 GROUND, (XLP-TYPE USE) 1" DIA. POLYETHYLENE

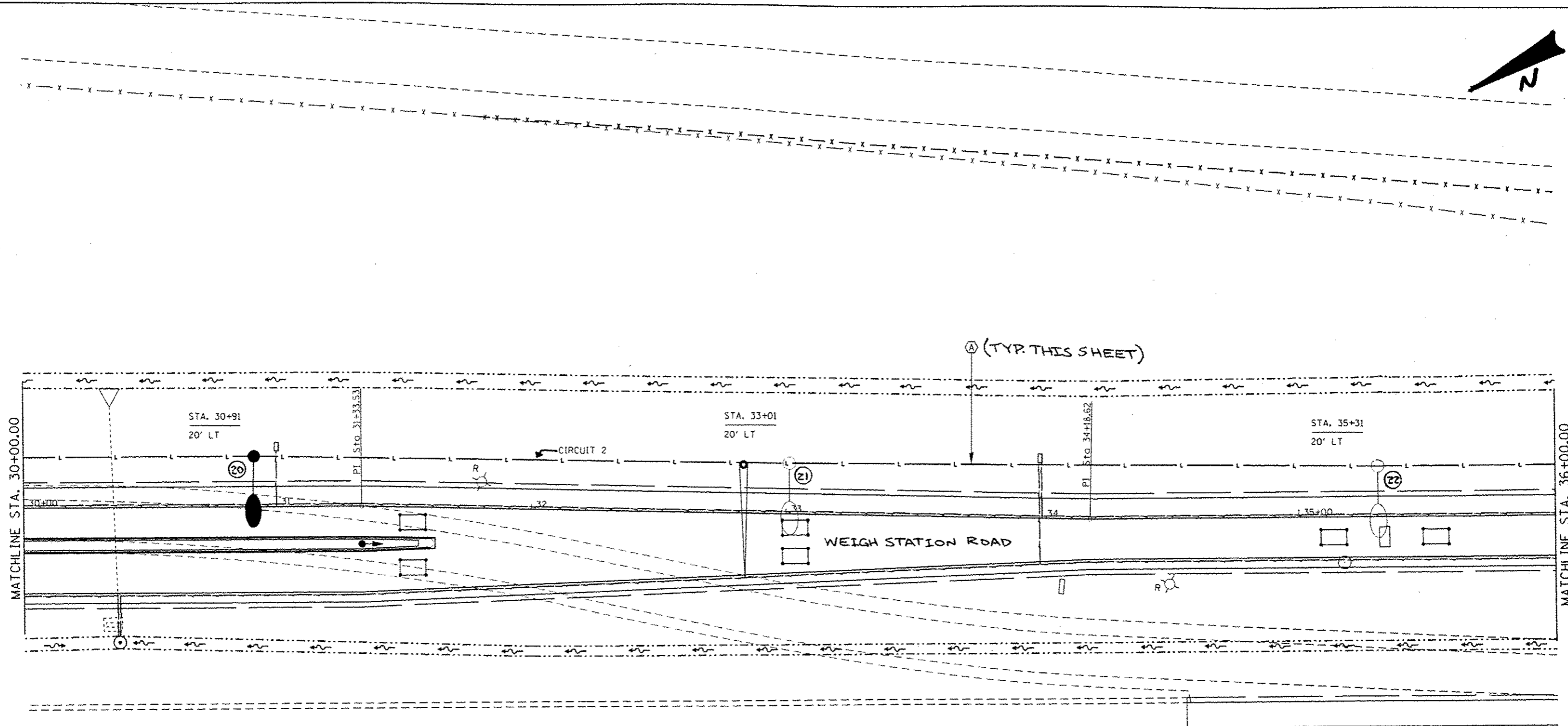
FILE NAME :	USER NAME : sparkgw	DESIGNED -	REVISED -
c:\pwwork\pawdot\sparkgw\d0216368\067	585-shl-light.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000 1/2 in.	CHECKED -	REVISED -
	PLOT DATE : Apr-11-2013 03:50:58PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LIGHTING DETAILS</b>			
SCALE:	SHEET 5	OF 9 SHEETS	STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	84
CONTRACT NO. 72505				ILLINOIS FED. AID PROJECT



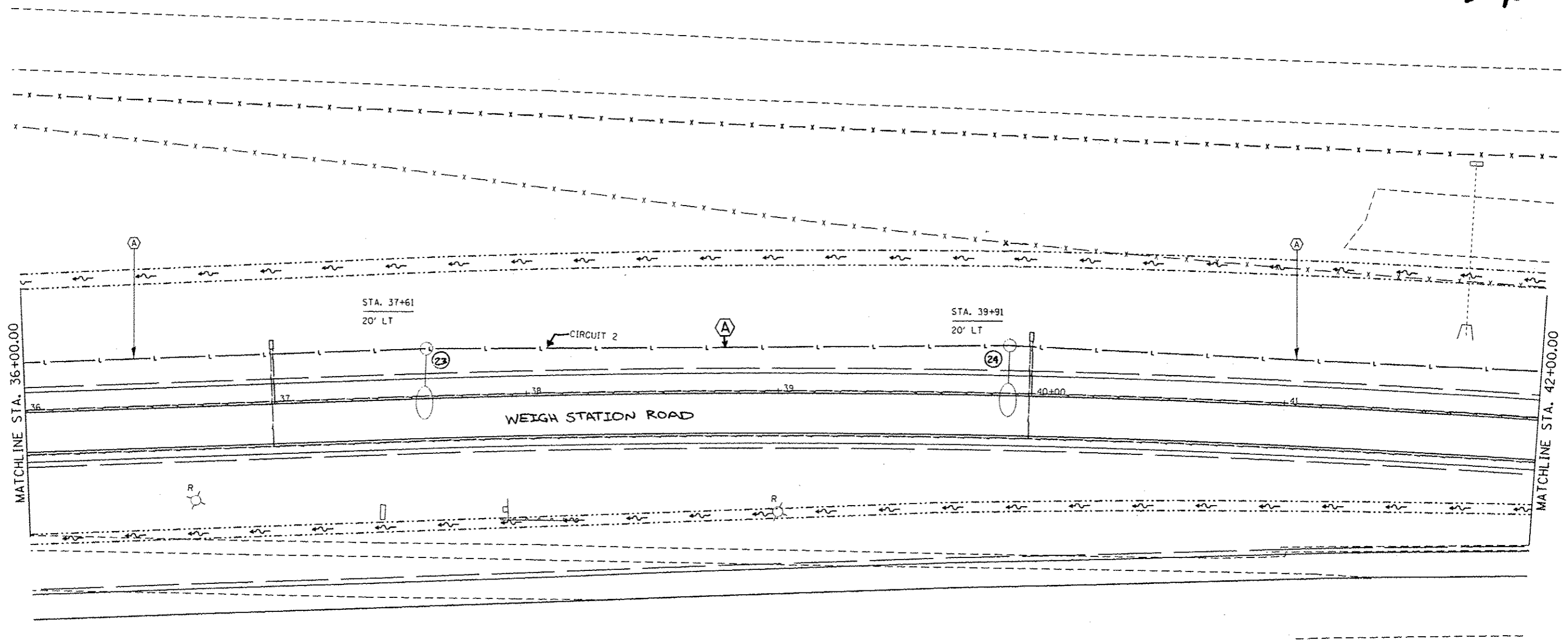


- LEGEND**
- E EXISTING LIGHTING UNIT TO REMAIN
  - R EXISTING LIGHTING UNIT TO BE RELOCATED
  - RELOCATED LIGHTING UNIT
  - LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM WITH 250W HORIZONTAL MOUNT HPS LUMINAIRE
  - EXISTING UNIT DUCT TO REMAIN
  - - - UNIT DUCT, SIZE AS INDICATED
  - ==== UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.

- CABLE / CONDUIT SCHEDULE**
- A UNIT DUCT, 600V, 2-1C No. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
  - B UNIT DUCT, 600V, 2-1C No. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE
  - C UNIT DUCT, 600V, 2-1C No. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE) 1" DIA. POLYETHYLENE

FILE NAME * c:\p\work\p\idoc\sparksgv\0216368\067 Defaults	USER NAME * sparksgv 595-ant-light.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING DETAILS</b>	F.A.I. RTE. 55	SECTION 68-2WS-2	COUNTY MONTGOMERY	TOTAL SHEETS 124	SHEET NO. 86
	PLOT SCALE * 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 72505				
	PLOT DATE * Apr-11-2013 03:50:59PM	DATE -	REVISED -			SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.				
	ILLINOIS FED. AID PROJECT									





**LEGEND**

- $\square$  E EXISTING LIGHTING UNIT TO REMAIN
- $\square$  R EXISTING LIGHTING UNIT TO BE RELOCATED
- RELOCATED LIGHTING UNIT
- LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM WITH 250W HORIZONTAL MOUNT HPS LUMINAIRE
- EXISTING UNIT DUCT TO REMAIN
- UNIT DUCT, SIZE AS INDICATED
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.

**CABLE / CONDUIT SCHEDULE**

- (A) UNIT DUCT, 600V, 2-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
- (B) UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE) 1" DIA. POLYETHYLENE
- (C) UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE) 1" DIA. POLYETHYLENE

FILE NAME *	USER NAME * sparkgw	DESIGNED -	REVISED -
c:\pwwork\pwwork\sparkgw\id216368\067	585-shr-light.dgn	DRAWN -	REVISED -
Default	PLOT SCALE * 10.0000 * 1 in.	CHECKED -	REVISED -
	PLOT DATE * Apr-11-2013 03:58:59PM	DATE -	REVISED -

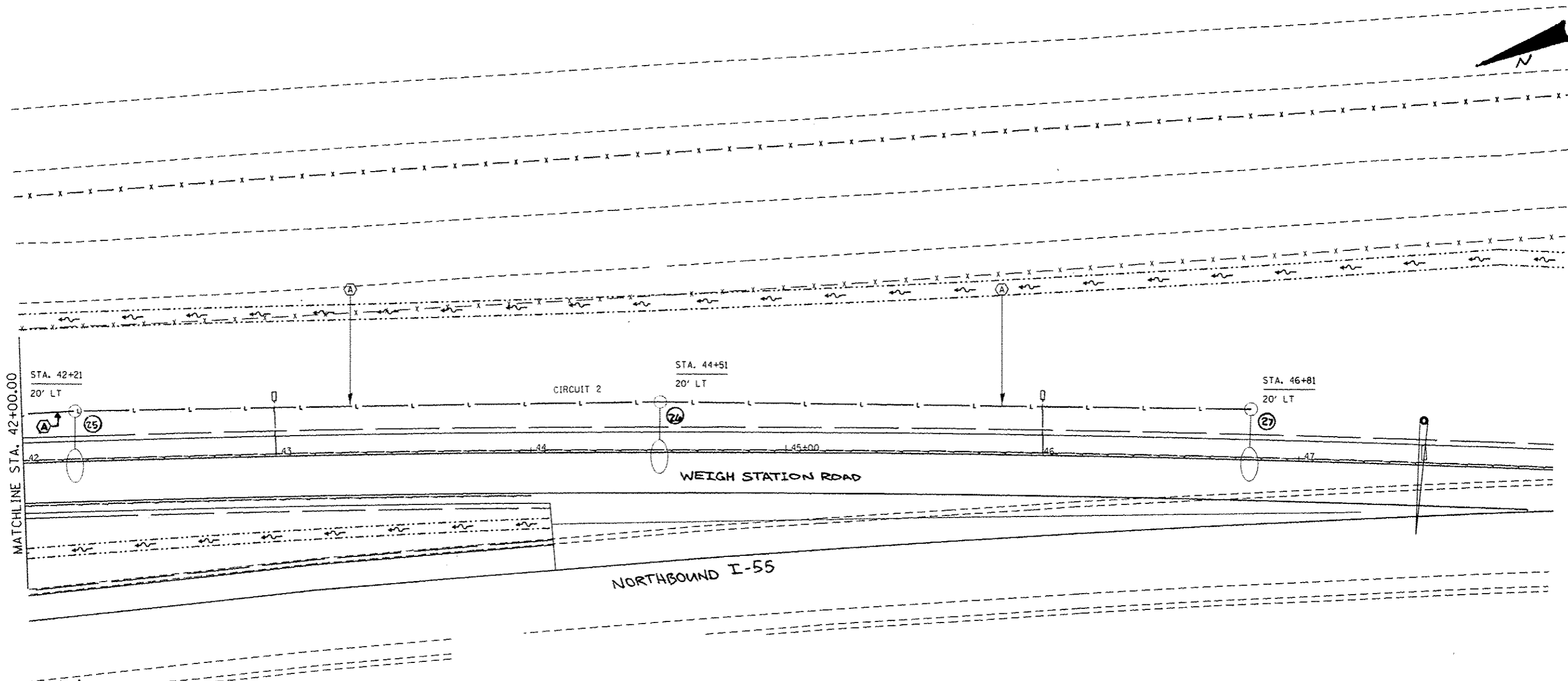
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LIGHTING DETAILS**

SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 68-2WS-2	COUNTY MONTGOMERY	TOTAL SHEETS 124	SHEET NO. 87
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 72505



**LEGEND**

- E EXISTING LIGHTING UNIT TO REMAIN
- R EXISTING LIGHTING UNIT TO BE RELOCATED
- RELOCATED LIGHTING UNIT
- LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM WITH 250W HORIZONTAL MOUNT HPS LUMINAIRE
- EXISTING UNIT DUCT TO REMAIN
- - - UNIT DUCT, SIZE AS INDICATED
- ==== UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.

**CABLE / CONDUIT SCHEDULE**

- A UNIT DUCT, 600V, 2-1C No. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
- B UNIT DUCT, 600V, 2-1C No. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE
- C UNIT DUCT, 600V, 2-1C No. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE) 1" DIA. POLYETHYLENE

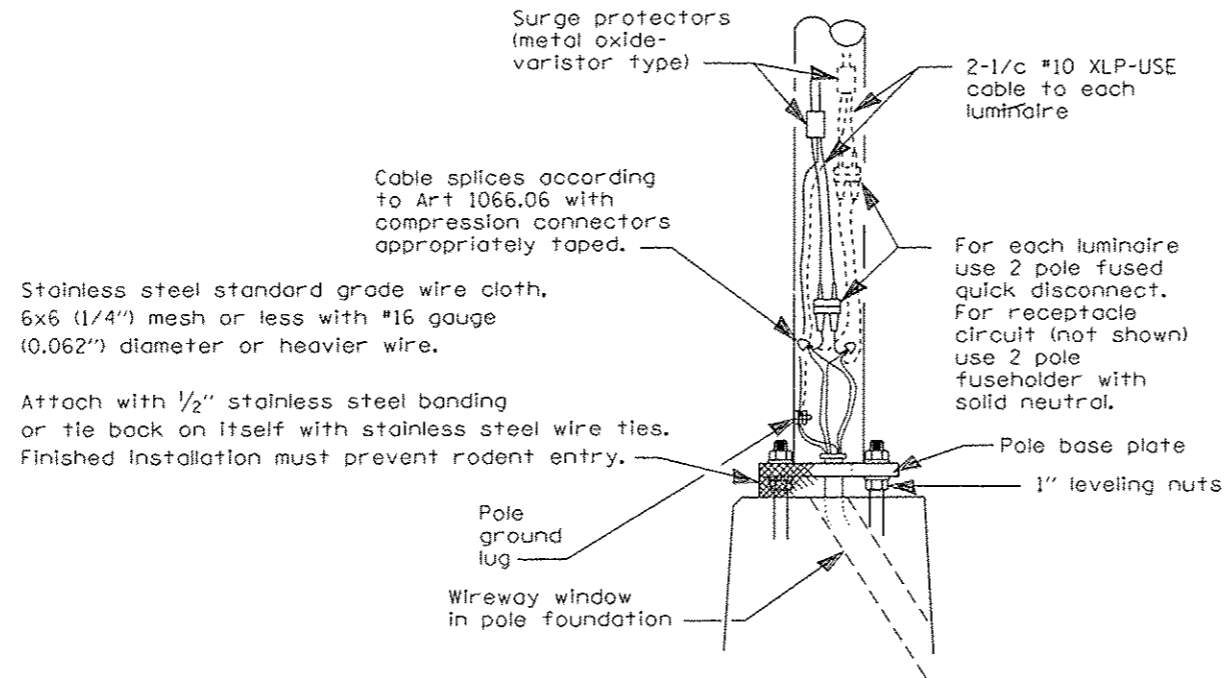
FILE NAME =	USER NAME = sparksgu	DESIGNED -	REVISED -
c:\pawork\pawid\sparksgu\0218368\067	585-ah-1-light.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-11-2013 03:04:59PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LIGHTING DETAILS**

SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 68-2WS-2	COUNTY MONTGOMERY	TOTAL SHEETS 124	SHEET NO. 88
ILLINOIS FED. AID PROJECT CONTRACT NO. 72505				



Stainless steel standard grade wire cloth, 6x6 (1/4") mesh or less with #16 gauge (0.062") diameter or heavier wire.

Attach with 1/2" stainless steel banding or tie back on itself with stainless steel wire ties. Finished installation must prevent rodent entry.

## WIRING DETAIL

NO SCALE

### GENERAL NOTES

All taped splices shall use 2 layers of electrical tape over 3 layers of rubber tape as required by the Standard Specifications. Coat the finished taped splice with bonding compound.

All cable splices shall be taped unless another method has been specifically approved by the Engineer.

For example purposes the pole is shown on an anchor base. If the pole is required to be set on a breakaway base, consult the Standard Specifications.

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

7/31/08 Updated

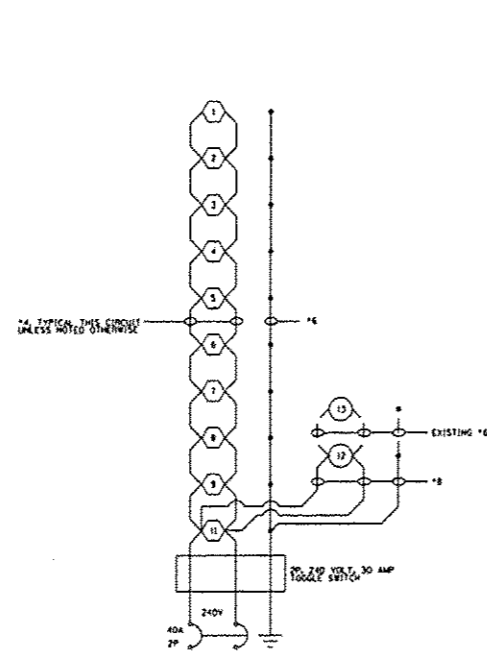
### POLE HANDHOLE WIRING

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING DETAILS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\sparkgu\08216360\067	SP5-SHT-DETAILS.dgn	DRAWN -	REVISED -			55	68-2WS-2	MONTGOMERY	124	880	
Default	PLOT SCALE * 40.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 72505		ILLINOIS FED. AID PROJECT			
	PLOT DATE * May-10-2013 01:40:39PM	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.			

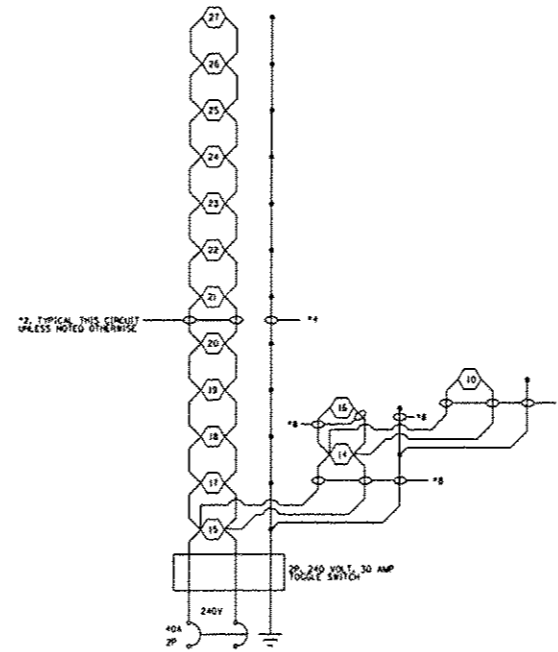
NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.
2. EXISTING CIRCUITING AND LUMINAIRES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS.

- EXISTING 250W ROADWAY LUMINAIRE
- ◡ PROPOSED 250W ROADWAY LUMINAIRE
- - - EXISTING ELECTRIC CABLE
- PROPOSED ELECTRIC CABLE



PROPOSED LIGHTING CKT 1  
EXISTING LIGHTING CONTROLLER



PROPOSED LIGHTING CKT 2  
EXISTING LIGHTING CONTROLLER

FILE NAME : c:\p\work\p\id01\sparkg\0216368\067	USER NAME : sparkg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505-SHT-DETAILS.dgn	PLLOT SCALE : 48.0000' / in.	DRAWN -	REVISED -					55	68-2WS-2	MONTGOMERY	124	88b
Default	PLLOT DATE : May-10-2013 01:40:54PM	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 72505				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

ILLINOIS DEPARTMENT OF TRANSPORTATION  
250W LUMINAIRE PERFORMANCE TABLE

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	32	FT
	Number Of Lanes (In Direction of Travel)	2	
	Median Width	N/A	
	IES Surface Classification		R3
	Q-Zero Value		.07
LIGHT POLE DATA:	Mounting Height	45	FT
	Most Arm Length	15	FT
	Pole Set-Back From Edge Of Pavement	20	FT
LUMINAIRE DATA:	Lamp Type		HPS
	Lamp Lumens	28500	
	IES Vertical Distribution		M
	IES Control Of Distribution		FC
	IES Lateral Distribution		3
	Total Light Loss Factor	0.684	
LAYOUT DATA:	Spacing	210	FT
	Configuration		One Side
	Luminaire Overhang Over Edge Of Pavement Lane	-5	FT

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

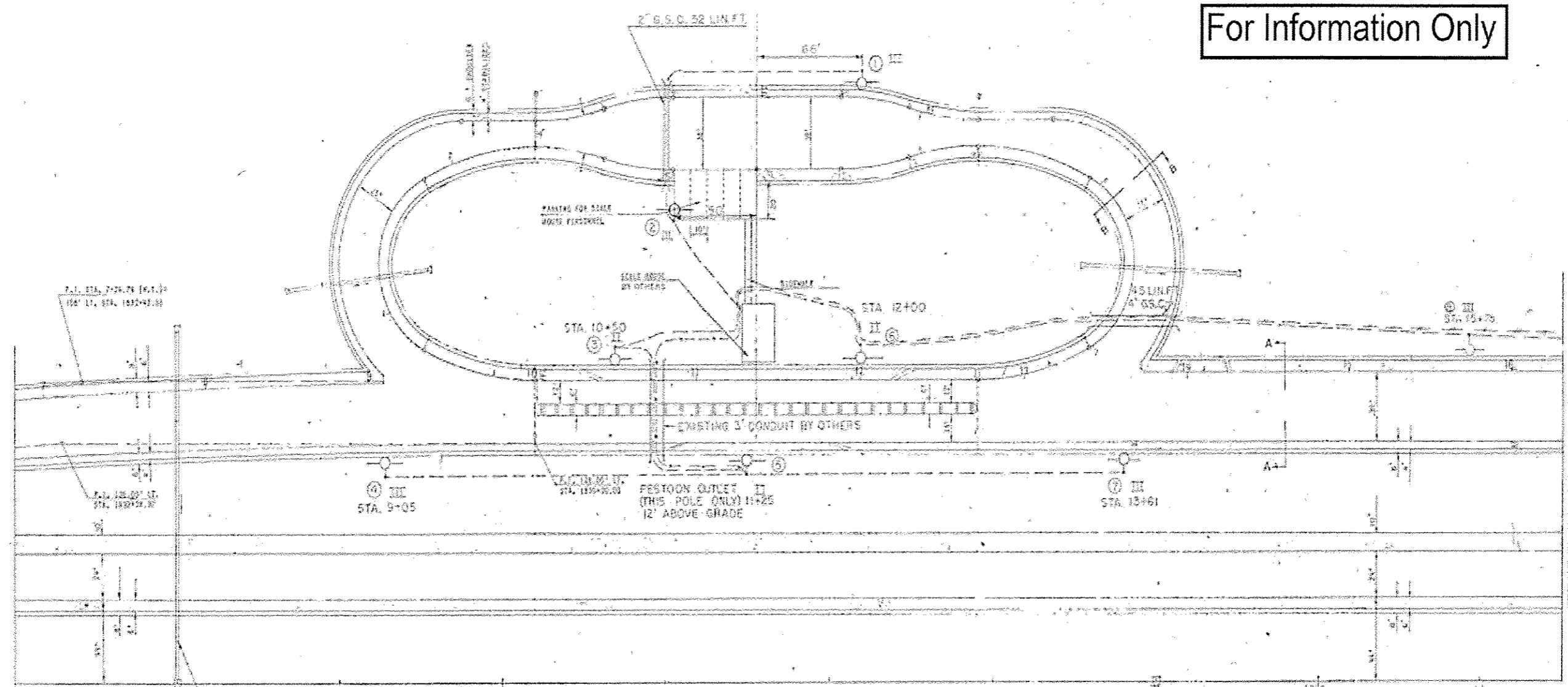
ILLUMINATION:	Average Horizontal Illumination, (EAve)	6.0	Lux
	Uniformity Ratio, (EAve/EMin)	3.0	
LUMINANCE:	Average Luminance: (LAve)	0.4	Cd/m2
	Uniformity Ratios: (LAve/LMin)	3.5	
	(LMax/LMin)	6.0	
	Maximum Veiling Luminance Ratio: (Lv/LAve)	0.30	

LIGHTING GENERAL NOTES

1. ALL PROPOSED, EXISTING TO REMAIN, AND RELOCATED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
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. THE VOIDS ON THE BOTTOM SIDE OF THE ALUMINUM POLE BASE MUST BE SEALED FROM RODENT ENTRY WITH STAINLESS STEEL SCREEN.
3. INSTALL HORIZONTAL MOUNT LUMINAIRES PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.
4. ALL EXISTING LIGHTING SHALL REMAIN OPERATIONAL DURING NIGHTTIME HOURS WHENEVER THE WEIGH STATION IS OPEN TO TRAFFIC.
5. NO POLE TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE INCREASED IF NECESSARY AS DIRECTED BY THE ENGINEER.
6. CONTRACTOR SHALL VERIFY THAT EXISTING LIGHT POLE BASES, BOLT SLOTS, AND ANCHOR BOLTS ARE COMPATIBLE WITH PROPOSED METAL FOUNDATIONS AND BREAKAWAY COUPLINGS, AS APPLICABLE.
7. UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT SHALL BE SCHEDULE 80 AS NOTED IN THE PLANS.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL BREAKAWAY COUPLINGS FOR ALL PROPOSED, RELOCATED, AND EXISTING LIGHTING UNITS TO REMAIN IN PLACE, WITH THE EXCEPTION OF LIGHTING UNITS 11, 12, AND 13 AS SHOWN ON THE PROPOSED LIGHTING PLANS. EXISTING BREAKAWAY COUPLINGS AND APPURTENANT HARDWARE SHALL BE DISPOSED OF ACCORDING TO ARTICLE 202.03, AND THE COST OF THIS WORK SHALL BE INCLUDED IN THE BREAKAWAY COUPLING PAY ITEM.
9. THE CONTRACTOR SHALL REMOVE AND REPLACE LUMINAIRES, LAMPS, BALLASTS, POLE WIRE, SURGE ARRESTERS, FUSEHOLDERS, AND FUSES FOR ALL RELOCATED LIGHTING UNITS AND EXISTING LIGHTING UNITS TO REMAIN IN PLACE, WITH THE EXCEPTION OF EXISTING LIGHTING UNITS 12 AND 13 AS SHOWN ON THE PROPOSED LIGHTING PLANS. THIS WORK SHALL BE ACCORDING TO ARTICLE 821 OF THE STANDARD SPECIFICATIONS. ALL REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF ACCORDING TO ARTICLE 202.03. THE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMINAIRE PAY ITEM.

FILE NAME =	USER NAME = sparksgp	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING DETAILS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pwork\pwork\sparksgp\0216368\067	585-sh-lightnote.dgn	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	55	68-2WS-2	MONTGOMERY	124	88C
	PLOT SCALE = 48.0000 / 1in.	CHECKED -	REVISED -								CONTRACT NO. 72505				
Default	PLOT DATE = May-10-2013 01:44:57PM	DATE -	REVISED -										ILLINOIS FED. AID PROJECT		

For Information Only



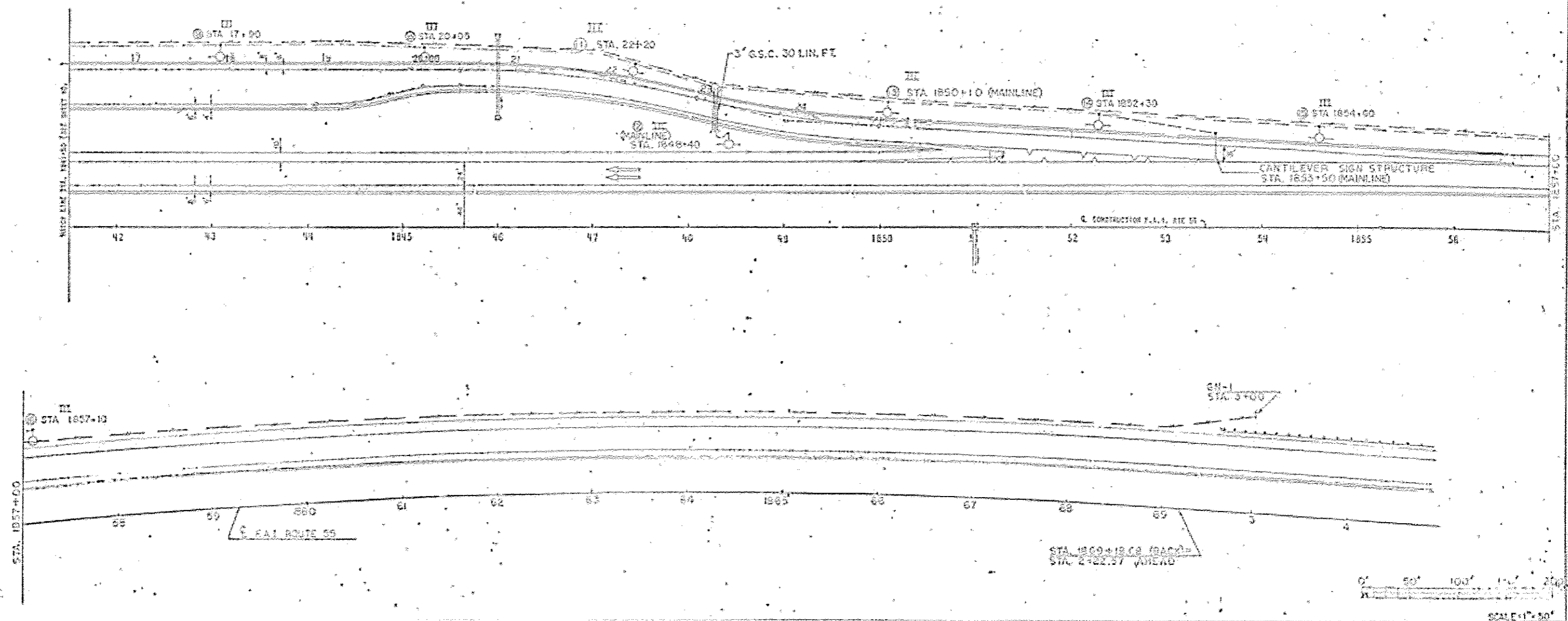
**LEGEND**

- 56" METAL POLE WITH C MAST ARM AND 250W HP'S LUMINAIRE TYPE AS SHOWN
- 2-1/2" IN 1" DUCT WITH 1/2" #8 BARE GROUND
- 2-1/2" IN 1" DUCT TO PESTOON OUTLET POLE #5
- CONDUIT PUSHED, RIGID GALVANIZED STEEL SIZE AS SHOWN
- 2-1/2" #4 IN 1 1/4" DUCT, 1-7/8" #12 IN 1" DUCT, AND 1/2" #8 BARE GROUND TO CHANGEABLE MESSAGE SIGN

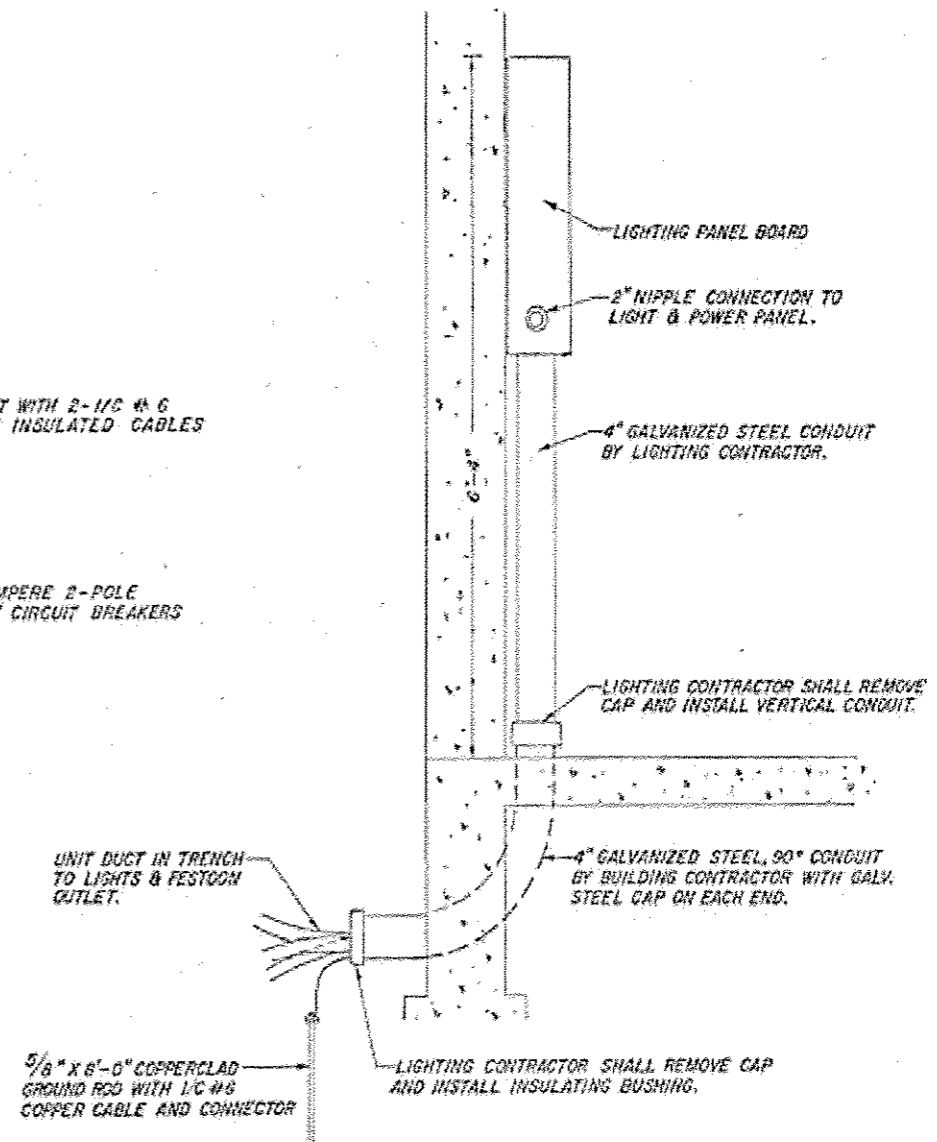
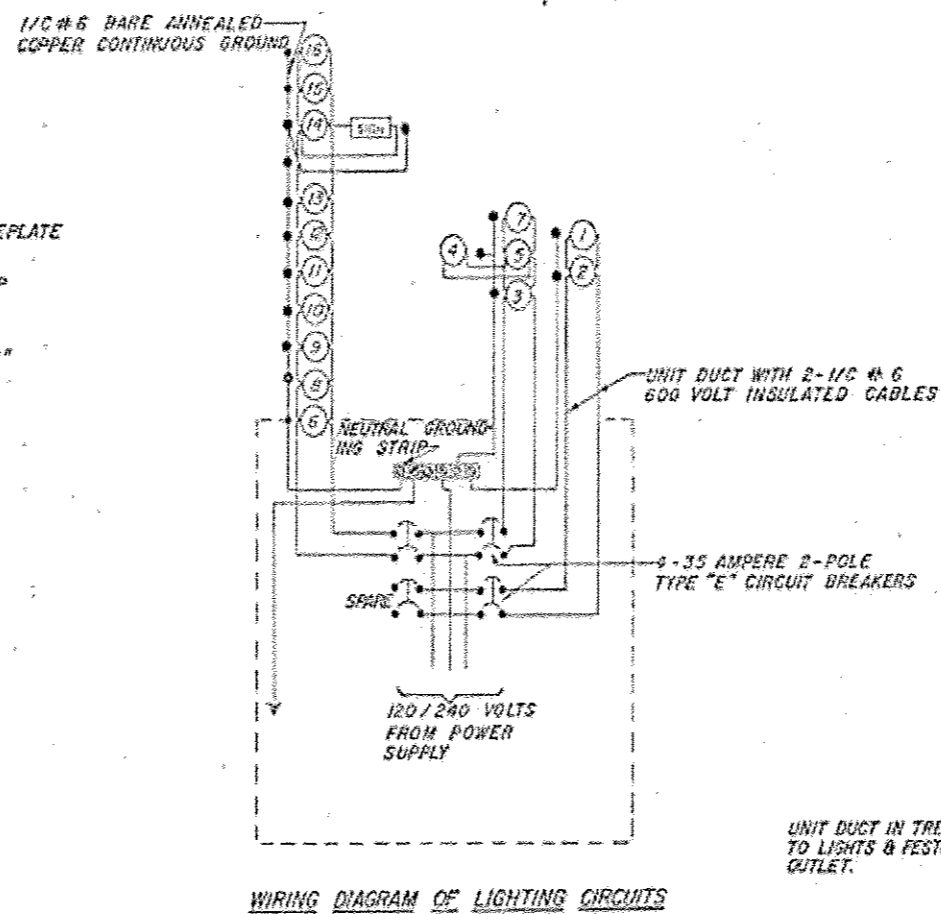
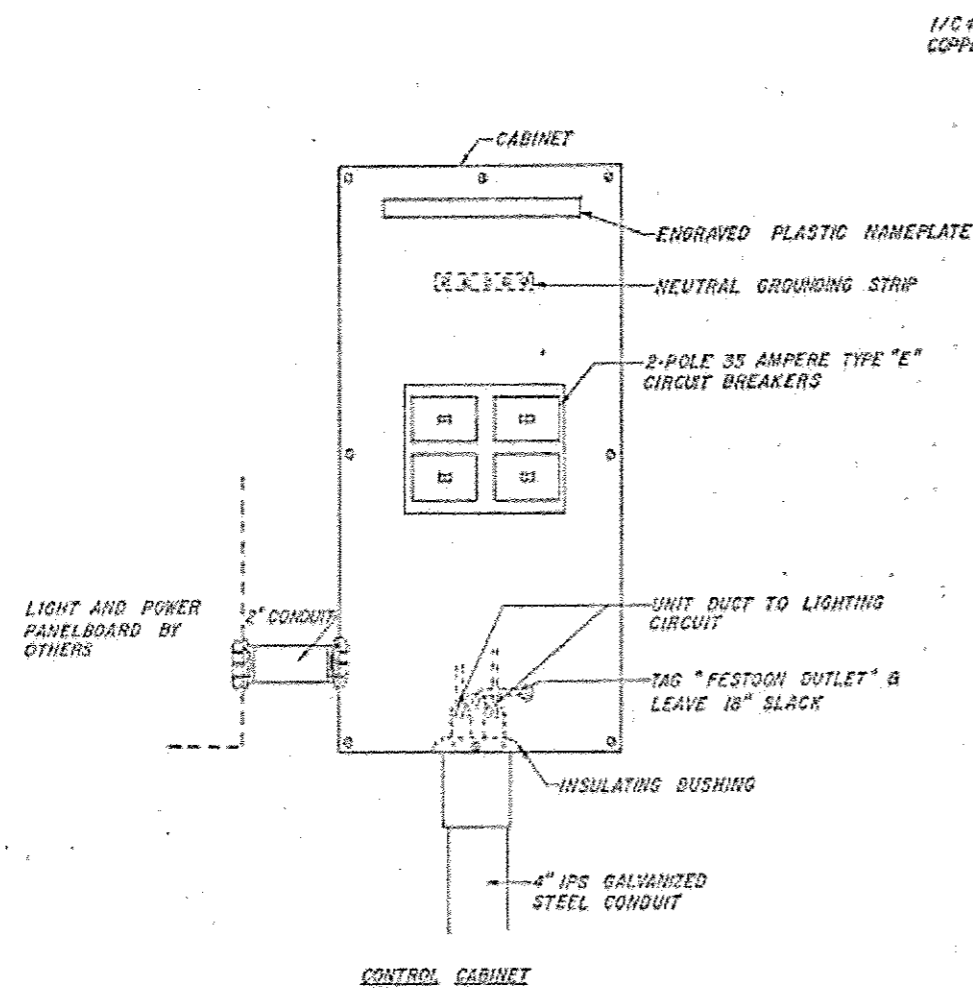


FILE NAME *	USER NAME * sparksgu	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING DETAILS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\p-work\peridot\sparksgu\0216368\067	585-SHT-DETAILS.dgn	DRAWN -	REVISED -			55	68-2WS-2	MONTGOMERY	124	88d	
Defaults	PLOT SCALE * 40.0000 * / in.	CHECKED -	REVISED -			SCALE:	SHEET OF SHEETS	STA.	TO STA.	CONTRACT NO. 72505	ILLINOIS FED. AID PROJECT
	PLOT DATE * May-10-2013 01:41:17PM	DATE -	REVISED -								

For Information Only



FILE NAME :	USER NAME : sparkgo	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\sparkgo\216368\067	595-SHT-DETAILS.dgn	DRAWN -	REVISED -					55	68-2WS-2	MONTGOMERY	124	880
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT				
	PLOT DATE = May-19-2013 01:41:54PM	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

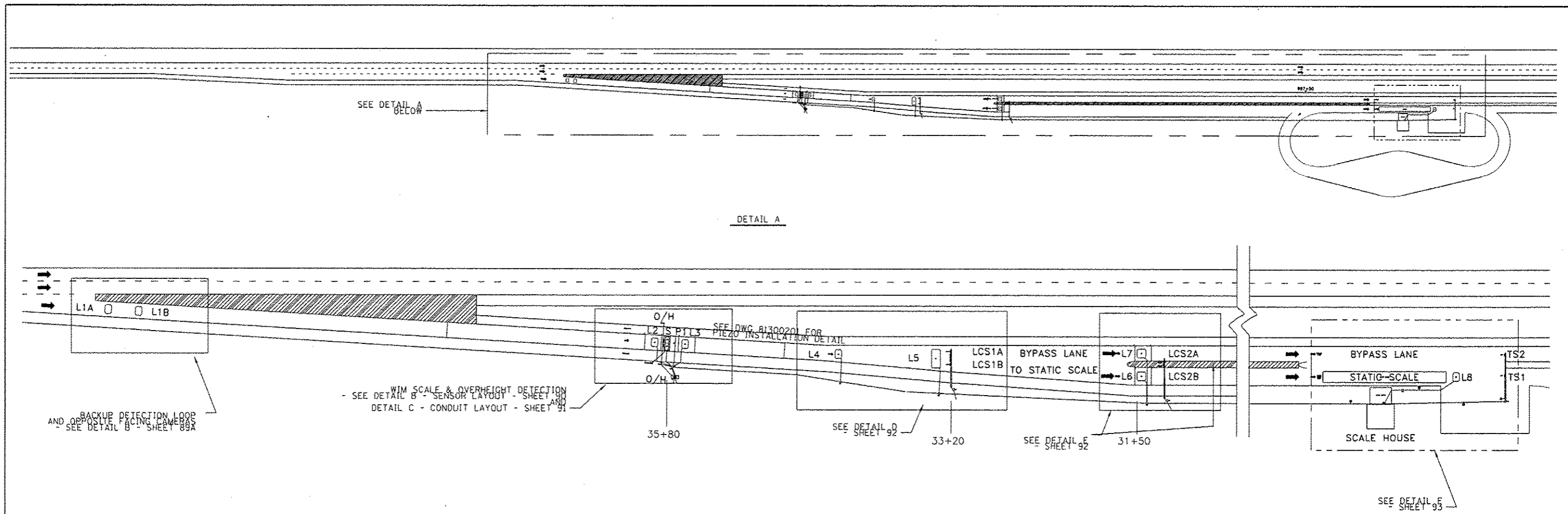


For Information Only

CONTROL INSTALLATION  
DETAILS

FILE NAME : c:\pwork\pvidat\sparkge\d9216368\062	USER NAME : sparkge	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING DETAILS</b>	F.A.I. RTE. 55	SECTION 68-2W5-2	COUNTY MONTGOMERY	TOTAL SHEETS 124	SHEET NO. 88F		
	985-SHT-DETAILS.dgn	DRAWN -	REVISED -			SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT SCALE : 48.0000 1/1 in.	CHECKED -	REVISED -									
Default	PLOT DATE : May-10-2013 01:42:07PM	DATE -	REVISED -									





**GENERAL NOTES:**

ALL CONNECTIONS BETWEEN SENSORS AND LEAD CABLES ARE DONE IN PULL BOX AND ARE SOLDERED THEN SEALED FOR WATERPROOFING, NUMBER AND PLACEMENT OF PULL BOXES NOT SHOWN.

POWER CABLES MUST RUN IN SEPERATE CONDUITS/PULLBOXES FROM SIGNAL CABLES.

SENSOR SPACING SHOWN IS TYPICAL SPACING REQUIREMENTS, ACTUAL SENSOR SPACING MAY BE ALTERED TO SUIT SITE CONDITIONS BY THE IRD FIELD REPRESENTATIVE. ROAD SURFACE MUST MEET ASTM E1318 FOR PAVEMENT CONDITIONS TO ACHIEVE OPTIMAL SYSTEM PERFORMANCE.

CABLES MUST BE PROTECTED BY PVC SLEEVES WHERE THEY CROSS PAVEMENT JOINT/CRACKS.

PIEZO SENSORS MUST BE MINIMUM OF 6' [1.83m] AWAY FROM CRACKS, JOINTS OR SAWCUTS WHEN POSSIBLE.

ADDITIONAL DRAINAGE MAY BE REQUIRED DEPENDING ON SLOPE OF ROADWAY. DRAINAGE CONSISTS OF 1-1/2" ABS PIPE SLOPED TO RIP RAP DRAINAGE PIT IN DITCH. TEMPERATURE SENSOR MUST BE INSTALLED AS SHOWN IN DRAWING.

IRD RECOMMENDS THAT PULL BOXES BE NO FUTHER THAN 200' [61m] APART.

IRD RECOMMENDS TH MINIMUM SIZE FOR PULL BOXES IS 18" [45.7cm] X 18" [45.7cm] X 12" [30.5cm].

EXACT ROUTING OF CONDUIT TO BE DETERMINED ON SITE. CONDUITS ARE LABELED LEFT TO RIGHT, BACK TO BOTTOM.

DRAWING NOT TO SCALE

**LEGEND:**

- L - INDUCTIVE LOOP
- P - PIEZOELECTRIC SENSOR
- S - SINGLE LOAD CELL SCALE
- O/H - OVERHEIGHT DETECTOR/ EMITTER
- LCS - LANE CONTROL SIGNAL
- TS - TRAFFIC SIGNAL
- J - JOINT
- PB - PULL BOX
- E - ELECTRONICS ENCLOSURE
- ① - SIGNAL CONDUIT
- ② - POWER CONDUIT

**NOTES:**

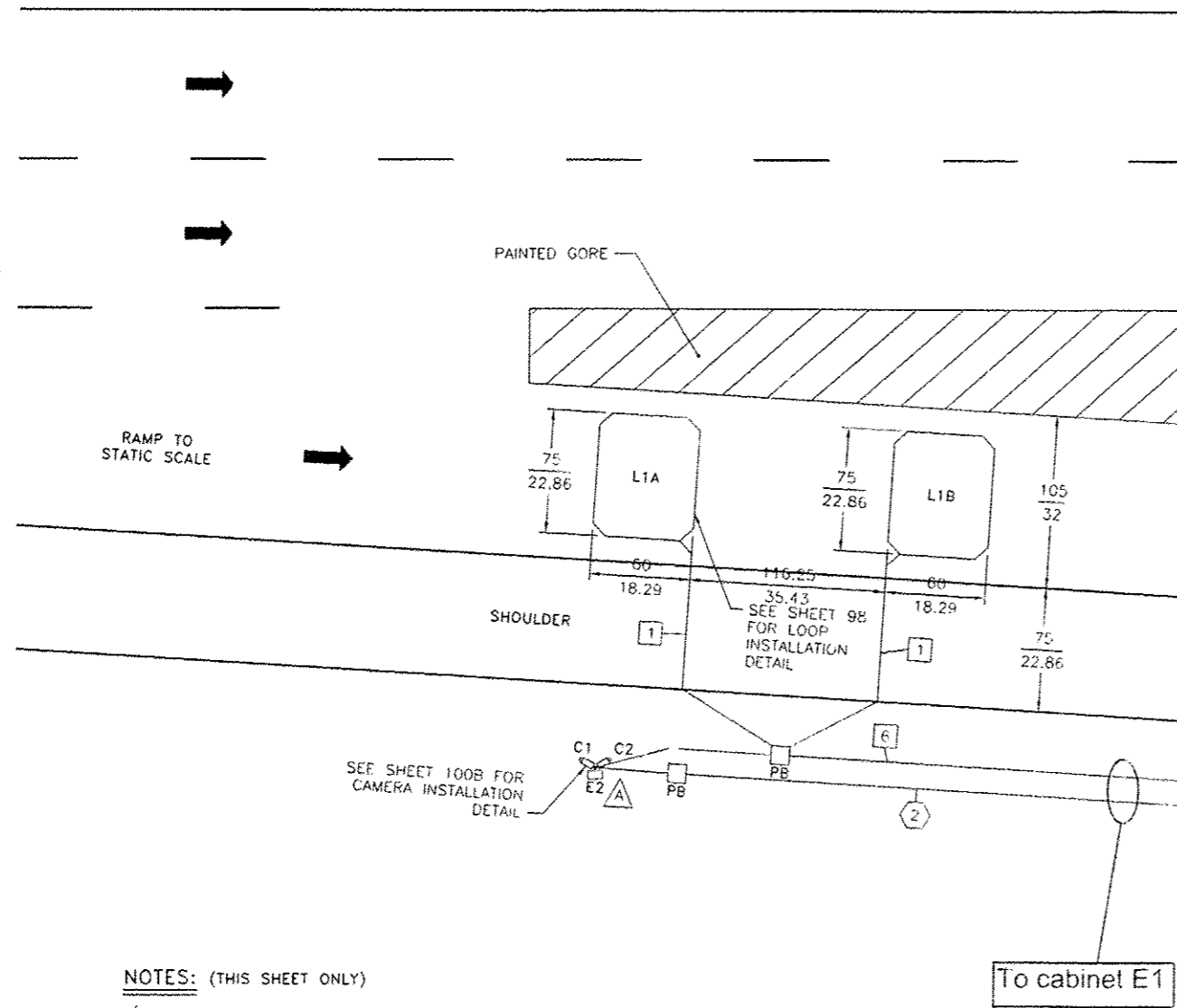
A LOOP LEAD-IN CABLE MUST MEET IMSA 50-2 STANDARD FOR LOOP LEAD IN CABLE

**LOOP DETAILS:**

LOOP #	SIZE	NUMBER OF TURNS
L1A,L1B	8' X 10'	5
L2-L4	8' X 6'	4
L5	8' X 17'	3
L6,L7	8' X 8'	4
L8	8' X 6'	4

FILE NAME =	USER NAME = sparkagw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH IN MOTION DETAILS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\sparkagw\216368\057	205-SHT-WIM.dgn	DRAWN -	REVISED -			55	68-2WS-2	MONTGOMERY	124	89
Default	PLOT SCALE = 100,0000 1/ in.	CHECKED -	REVISED -			SCALE: SHEET 1 OF 12 SHEETS STA. TO STA.		CONTRACT NO. 72505		
	PLOT DATE = May 14 2013 8:55:03PM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

**DETAIL B**



**NOTES: (THIS SHEET ONLY)**

**△** EXACT CAMERA POLE LOCATION TO BE DETERMINED BY ENGINEER.

**SIGNAL CONDUITS:**

- 1 1" CONDUIT  
2-1C 14AWG (LOOP WIRE)
- 2 2" CONDUIT  
1-3PR 20AWG (SLC LEAD)  
2-2C 18AWG (OFF-SCALE LEAD)
- 3 1" CONDUIT  
1-RG58 COAXIAL CABLE (PIEZO LEAD)
- 4 2" CONDUIT  
7-2C 14AWG (LOOP LEADS)  
1-RG58 COAXIAL CABLE (PIEZO LEAD)  
2-3PR 20AWG (SLC LEAD)  
4-2C 18AWG (OFF-SCALE LEAD)
- 5 1" CONDUIT  
1-2C 14AWG (LOOP LEAD)
- 6 2" CONDUIT  
1-6 STRAND MULTIMODE FIBER OPTIC CABLE  
1-2C 14AWG (LOOP LEAD)
- 7 2" CONDUIT  
1-12 STRAND MULTIMODE FIBER OPTIC CABLE
- 8 2" CONDUIT  
1-12 STRAND MULTIMODE FIBER OPTIC CABLE  
3-2C 14AWG (LOOP LEAD)
- 9 2" CONDUIT  
1-12 STRAND MULTIMODE FIBER OPTIC CABLE  
2-2C 14AWG (LOOP LEAD)
- 10 2" CONDUIT  
1-2C 18AWG (OVERHEIGHT SIGNAL)
- 11 2" CONDUIT  
1-12 STRAND MULTIMODE FIBER OPTIC CABLE  
4-2C 14AWG (LOOP LEAD)
- 12 2" CONDUIT  
1-12 STRAND MULTIMODE FIBER OPTIC CABLE  
1-6 STRAND MULTIMODE FIBER OPTIC CABLE  
1-2C 18AWG (OVERHEIGHT SIGNAL)

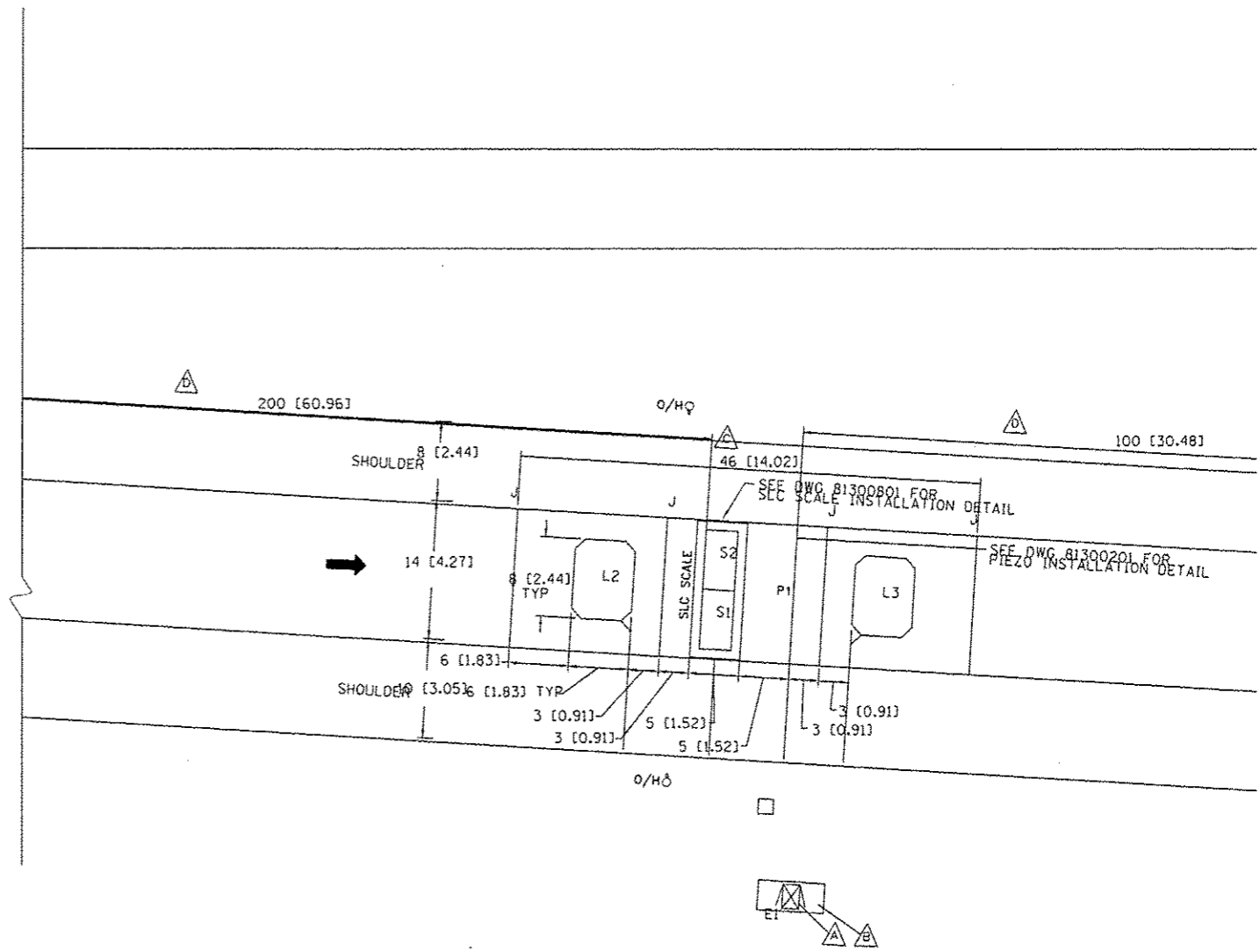
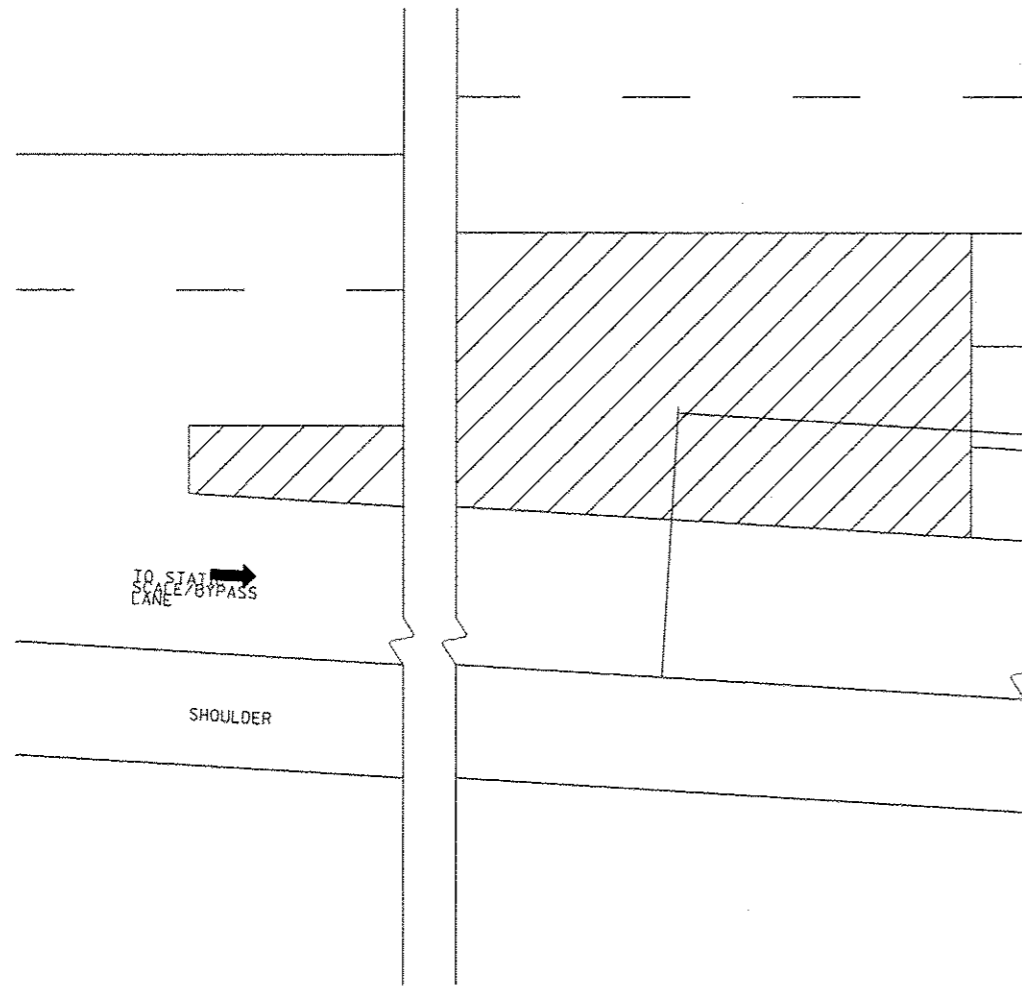
**POWER CONDUITS:**

- 1 E1 ENCLOSURE POWER (SEE DWG 81300907 FOR DETAIL)
- 2 2" CONDUIT  
1-2C + GND 15A (POLE MOUNT CAMERA BOX POWER)
- 3 2" CONDUIT  
1-3C + GND 14AWG (LCS CONTROL)(EXISTING)
- 4 2" CONDUIT  
2-3C + GND 14AWG (LCS CONTROL)(EXISTING)
- 5 2" CONDUIT  
2-2C + GND 0.6A (OVERHEIGHT POWER)
- 6 2" CONDUIT  
1-2C + GND 0.3A (OVERHEIGHT POWER)

FEET (m)  
NOT TO SCALE

FILE NAME: c:\p\work\pvidoc\sparkso\100216361067	USER NAME: sparkso	DESIGNED: -	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SITE LAYOUT SINGLE LOAD CELL WIM SORTING SYSTEM I-55 LITCHFIELD WEIGH STATION, IL</b>	F.A.I. PTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
DESIGN: sparkso	DRAWN: -	REVISED: -	55			68-2WS-2	MONTGOMERY	124	89A	
PLOT SCALE: 1/8"=1'-0"	CHECKED: -	REVISED: -	CONTRACT NO. 72505							
PLOT DATE: May-18-2012 09:55:34PM	DATE: -	REVISED: -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET OF SHEETS		STA. TO STA.		

DETAIL B - SENSOR LAYOUT



NOTES: (THIS SHEET ONLY)

- ▲ CABINET WITH WIM ELECTRONICS (SEE SHEET 94, 95, AND 96 FOR DETAIL)
- ▲ CABINET BASE (SEE SHEET 97 FOR DETAIL)
- ▲ NEW SENSORS AS SHOWN
- ▲ SITE CONDITIONS AS PER ASTM E1318-02

FILE NAME =	USER NAME = sparkgs	DESIGNED -	REVISED -
n:\pwork\puidot\sparkgs\0216368\067	505-SHT-WIM.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -
	PLOT DATE = May-14-2013 01:56:00PM	DATE -	REVISED -

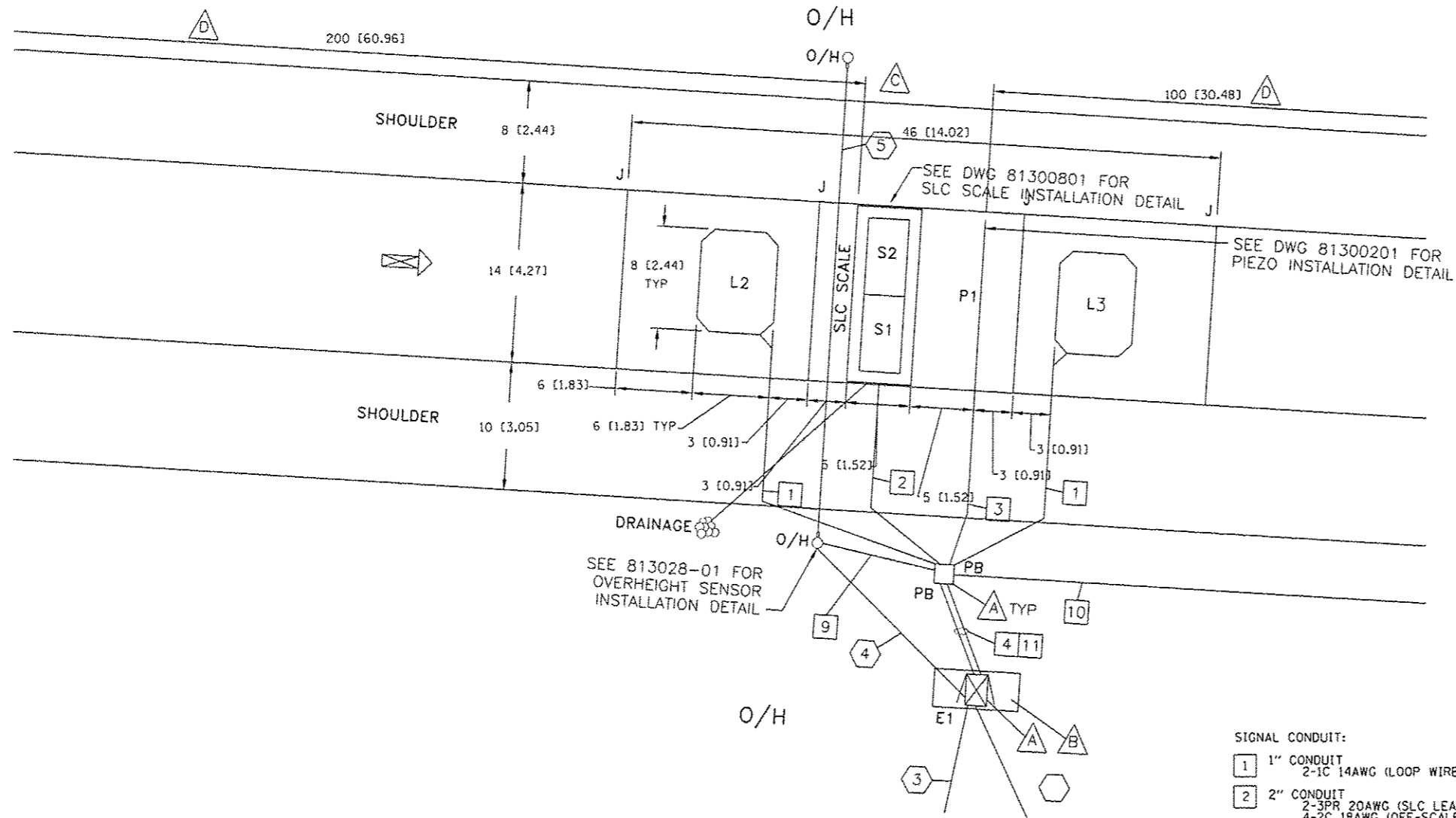
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEIGH IN MOTION DETAILS

SCALE: SHEET 2 OF 12 SHEETS STA. TO STA.

P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	12M	90
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				

DETAIL C - CONDUIT LAYOUT



SIGNAL CONDUITS:

- 1 1" CONDUIT  
2-1C 14AWG (LOOP WIRE)
- 2 2" CONDUIT  
2-3PR 20AWG (SLC LEAD)  
4-2C 18AWG (OFF-SCALE LEAD)
- 3 1" CONDUIT  
1-RG58 COAXIAL CABLE (PIEZO LEAD)
- 4 2" CONDUIT  
6-2C 14AWG (LOOP LEADS)  
1-RG58 COAXIAL CABLE (PIEZO LEAD)  
2-3PR 20AWG (SLC LEAD)  
4-2C 18AWG (OFF-SCALE LEAD)
- 5 1" CONDUIT  
1-2C 14AWG (LOOP LEAD)
- 6 2" CONDUIT  
1-12 STRAND MULTIMODE FIBER OPTIC CABLE
- 7 2" CONDUIT  
1-12 STRAND MULTIMODE FIBER OPTIC CABLE  
2-2C 14AWG (LOOP LEAD)
- 8 2" CONDUIT  
1-12 STRAND MULTIMODE FIBER OPTIC CABLE  
3-2C 14AWG (LOOP LEAD)
- 9 2" CONDUIT  
1-2C 18AWG (OVERHEIGHT SIGNAL)
- 10 2" CONDUIT  
1-12 STRAND MULTIMODE FIBER OPTIC CABLE  
4-2C 14AWG (LOOP LEAD)
- 11 2" CONDUIT  
1-12 STRAND MULTIMODE FIBER OPTIC CABLE  
1-2C 18AWG (OVERHEIGHT SIGNAL)

POWER CONDUITS:

- 1 E1 ENCLOSURE POWER (SEE DWG 81300907 FOR DETAIL)
- 2 2" CONDUIT  
1-3C + GND 14AWG (LCS CONTROL)
- 3 2" CONDUIT  
2-3C + GND 14AWG (LCS CONTROL)
- 4 2" CONDUIT  
2-2C + GND 0.6A (OVERHEIGHT POWER)
- 5 2" CONDUIT  
1-2C + GND 0.3A (OVERHEIGHT POWER)

FILE NAME =	USER NAME = sparkage	DESIGNED -	REVISED -
c:\pwork\p1dot\sparkage\08216368\067	SAS-SHT-WIM.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
	PLOT DATE = May-14-2013 01:56:26PM	DATE -	REVISED -

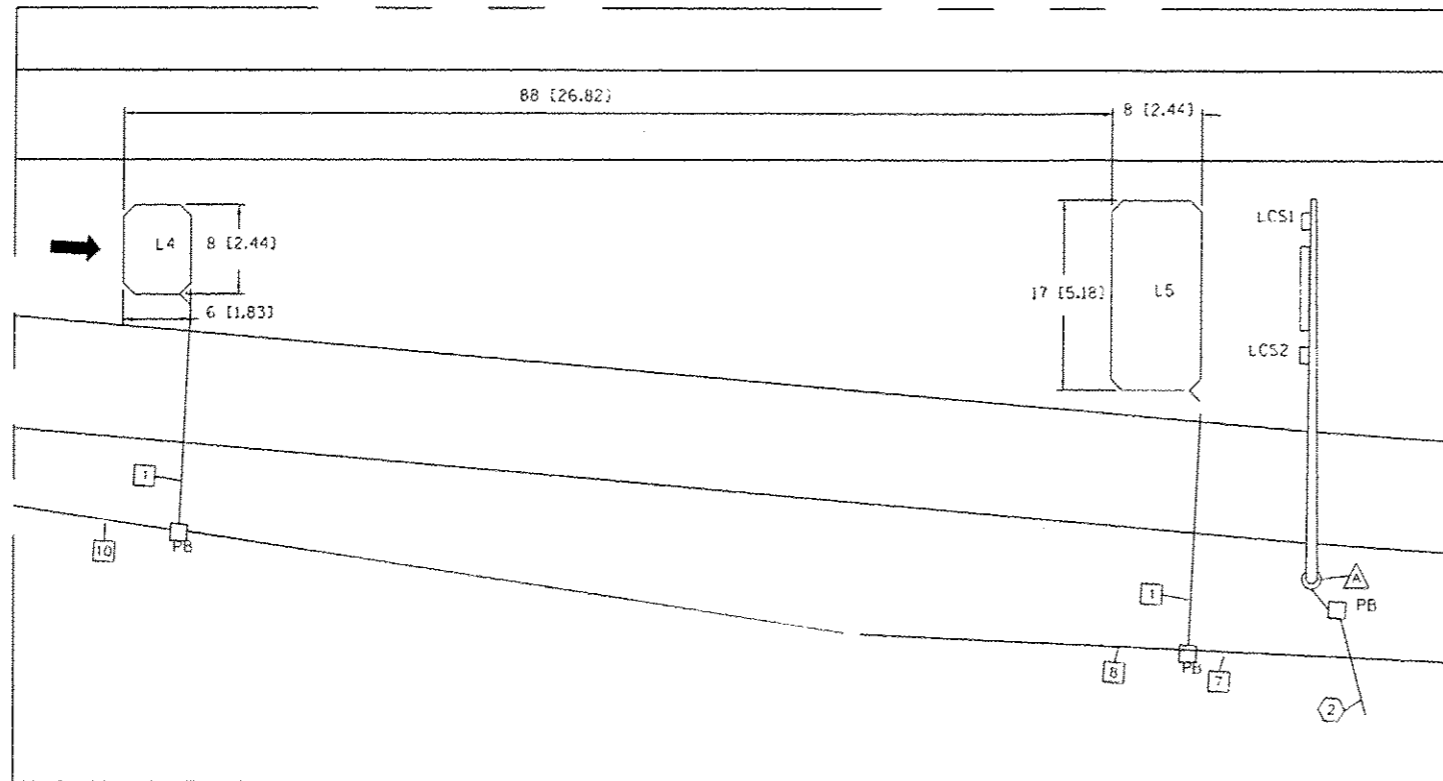
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEIGH IN MOTION DETAILS

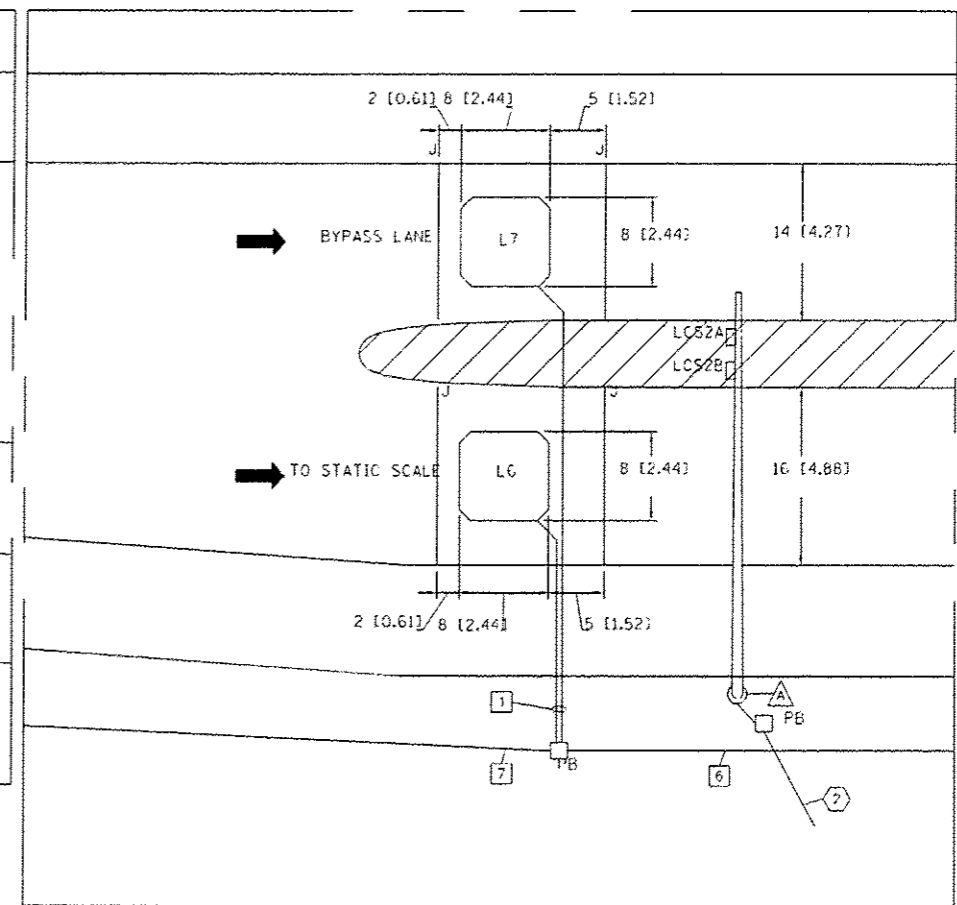
SCALE: SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	91
CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT	

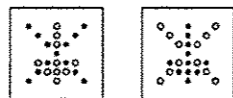
DETAIL D



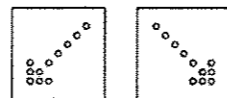
DETAIL E



LCS1 DETAIL



LCS2 DETAIL



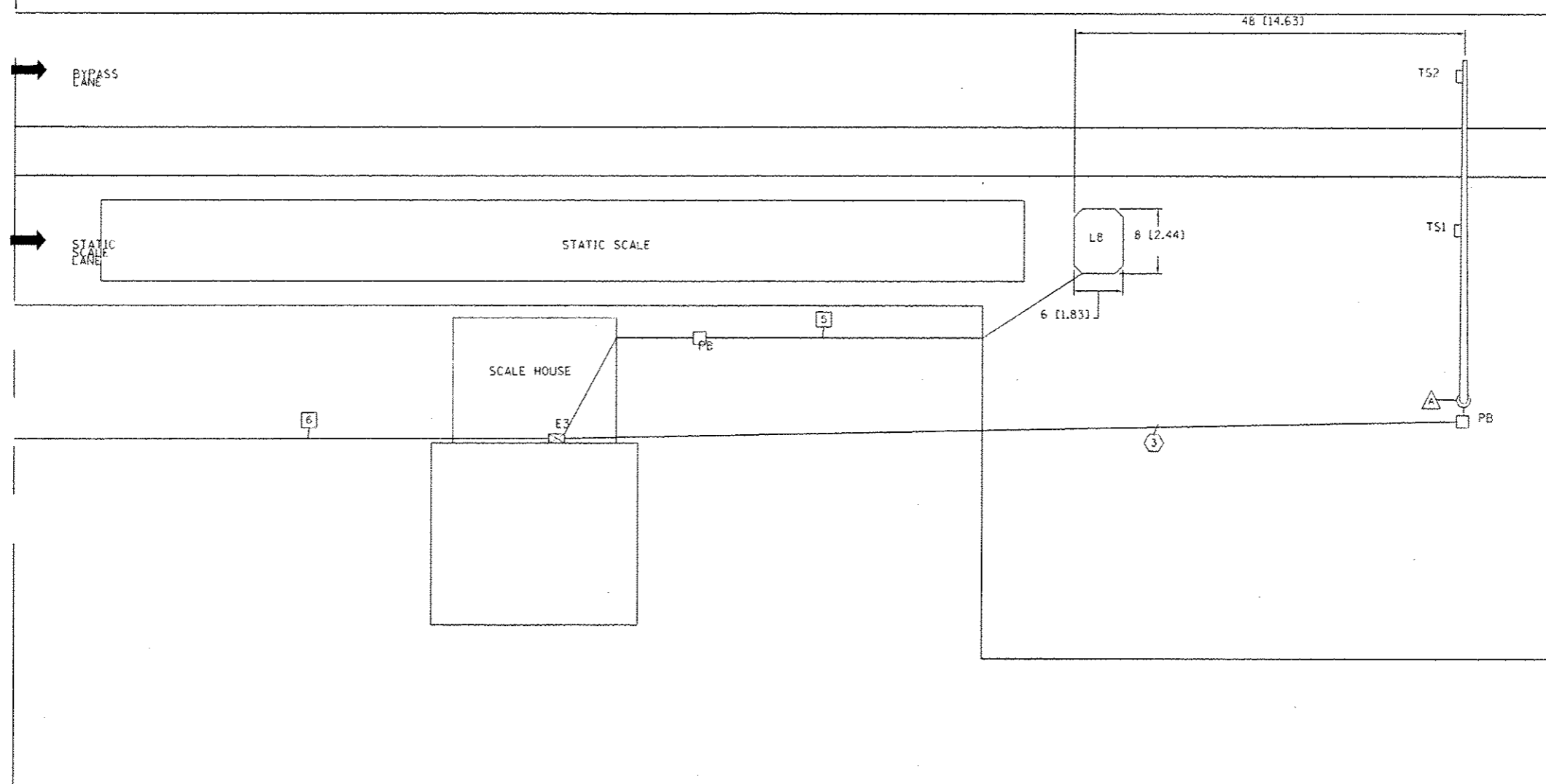
See legend on plan sheet 91.

NOTES: (THIS SHEET ONLY)

△ EXISTING LANE CONTROL SIGNS AND MAST ARM POLES

FILE NAME: c:\p\work\p\work\spk\spk\gd210368\007	USER NAME: spk	DESIGNED: -	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH IN MOTION DETAILS</b>			F.A.I. RTE. 55	SECTION 68-2WS-2	COUNTY MONTGOMERY	TOTAL SHEETS 174	SHEET NO. 92
PLT SCALE: 100.0000 / 1" = 100'	CHECKED: -	REVISED: -	SCALE: SHEET 4 OF 12 SHEETS STA. TO STA.		CONTRACT NO. 72505			ILLINOIS FED. AID PROJECT				
PLT DATE: May-14-2013 09:56:51PM	DATE: -	REVISED: -										

DETAIL F

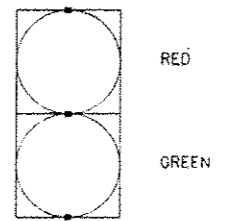


NOTES: (THIS SHEET ONLY)

▲ EXISTING LANE CONTROL SIGNS AND MAST ARM POLES

See legend on plan sheet 91.

TS DETAIL



FILE NAME -	USER NAME - sparkag-	DESIGNED -	REVISED -
c:\p\work\p\idcs\sparkag\1d021036\VDG7	SES-SHT-WIN.dwg	DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000 / 1/8"	CHECKED -	REVISED -
	PLOT DATE = Mon 14-2-2017 0:15:41PM	DATE -	REVISED -

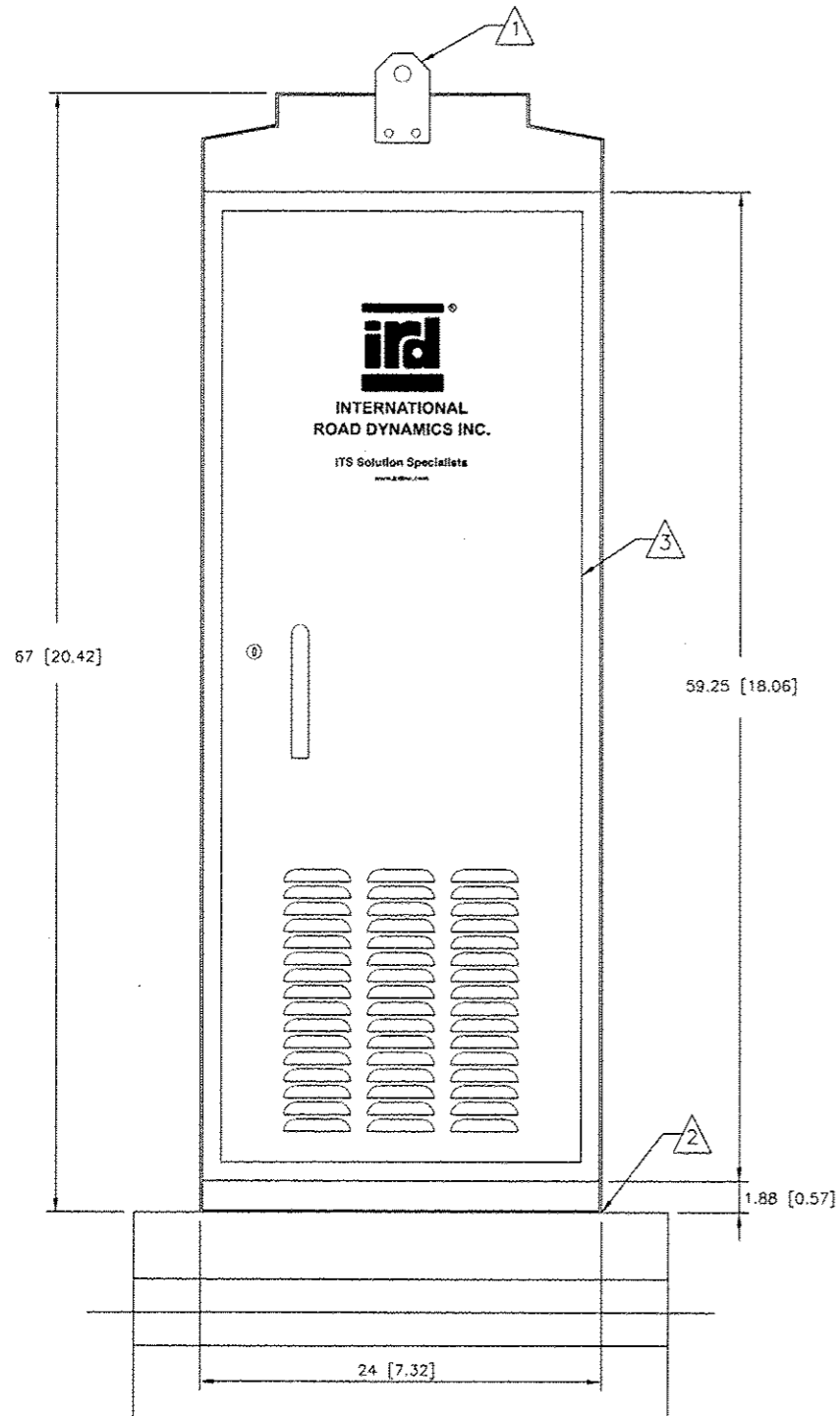
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEIGH IN MOTION DETAILS

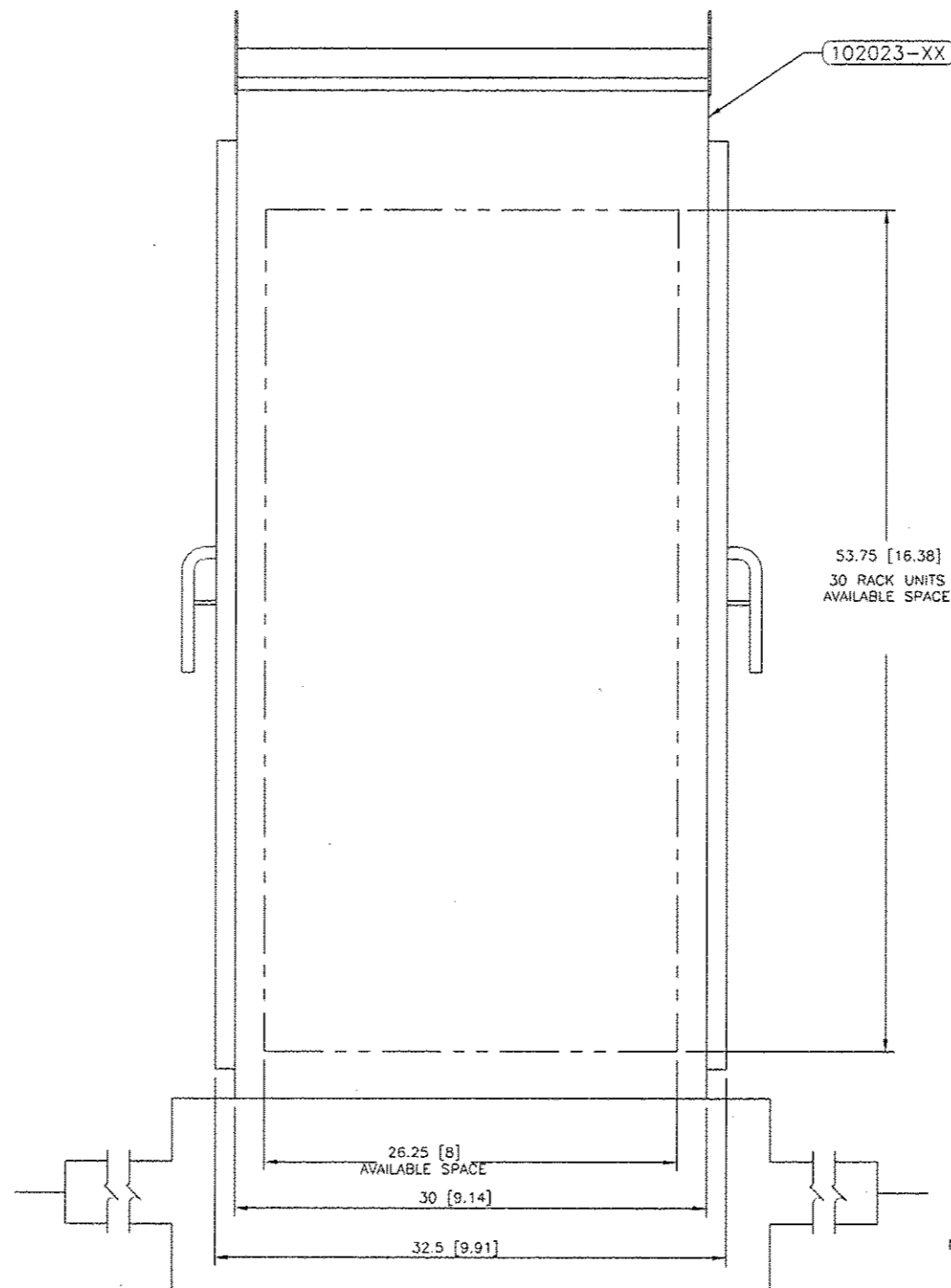
SCALE: SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	6B-2WS-2	MONTGOMERY	124	93
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				

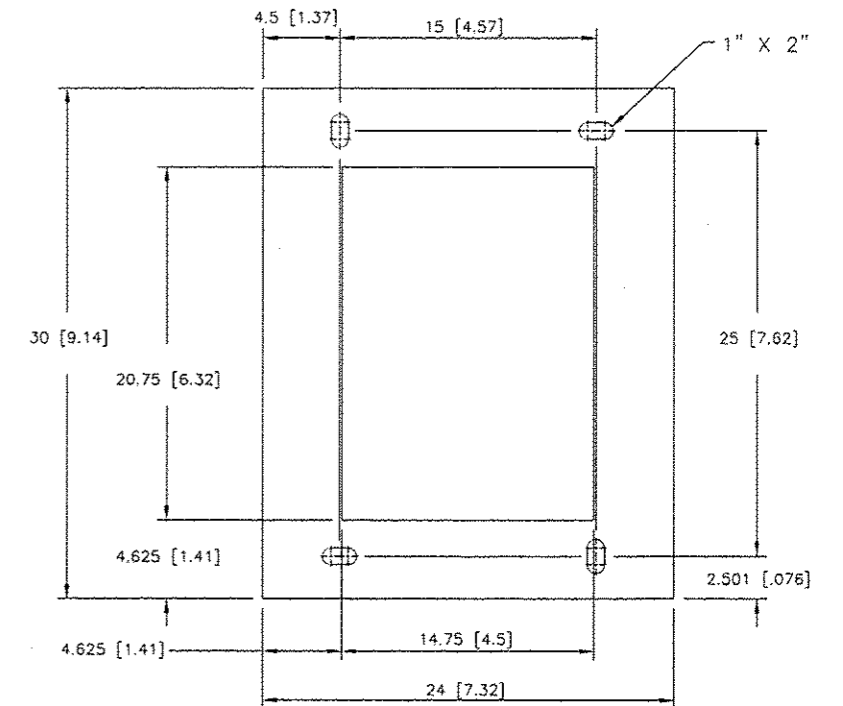
FRONT VIEW



SIDE VIEW



PAD MOUNTING PATTERN

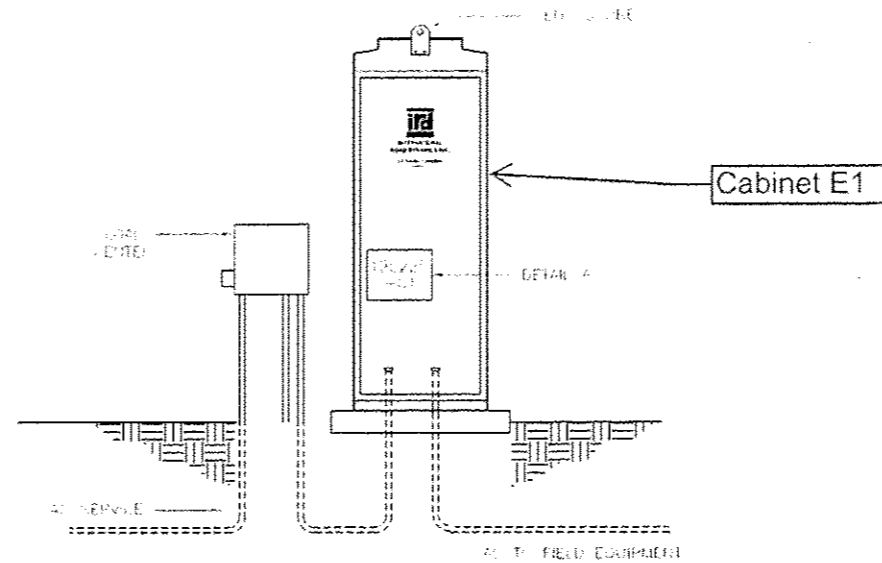


NOTES:

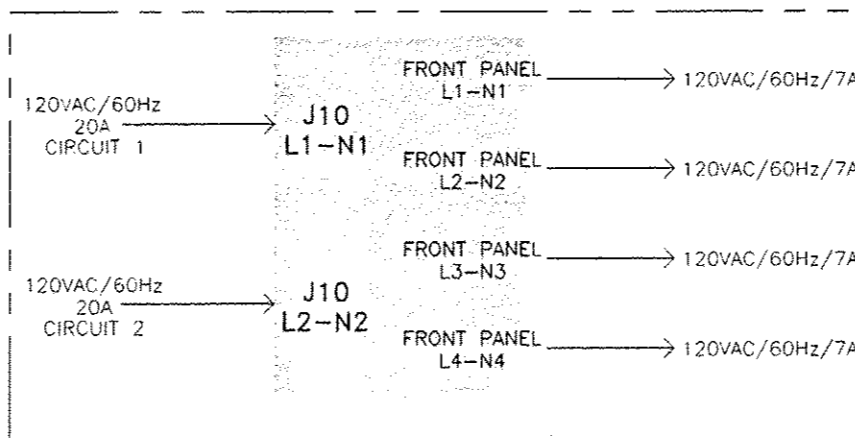
- 1 LIFTING EYE MAYBE UNBOLTED AND ROTATED 180° FOR STORAGE
- 2 SEAL CABINET TO FOUNDATION JOINT WITH SILICONE SEALANT TO PREVENT WATER INTRUSION. LOCATE CABINET ABOVE HIGH WATER.
- 3 REMOVABLE 19" EIA RACK

NOTE: THIS IS STANDARD DRAWING 81300904 REV C AND IS TO BE USED AS REFERENCE

FILE NAME =	USER NAME = sparkage	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH IN MOTION DETAILS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\sparkage\08215368\057	585-SHT-WIM.dgn	DRAWN -	REVISED -			55	68-2WS-2	MONTGOMERY	124	94	
Default	PLOT SCALE = 100.0000 1/1 in.	CHECKED -	REVISED -			SCALE: SHEET 6 OF 12 SHEETS STA. TO STA.		CONTRACT NO. 72505			
	PLOT DATE = May-14-2013 8:57:41PM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

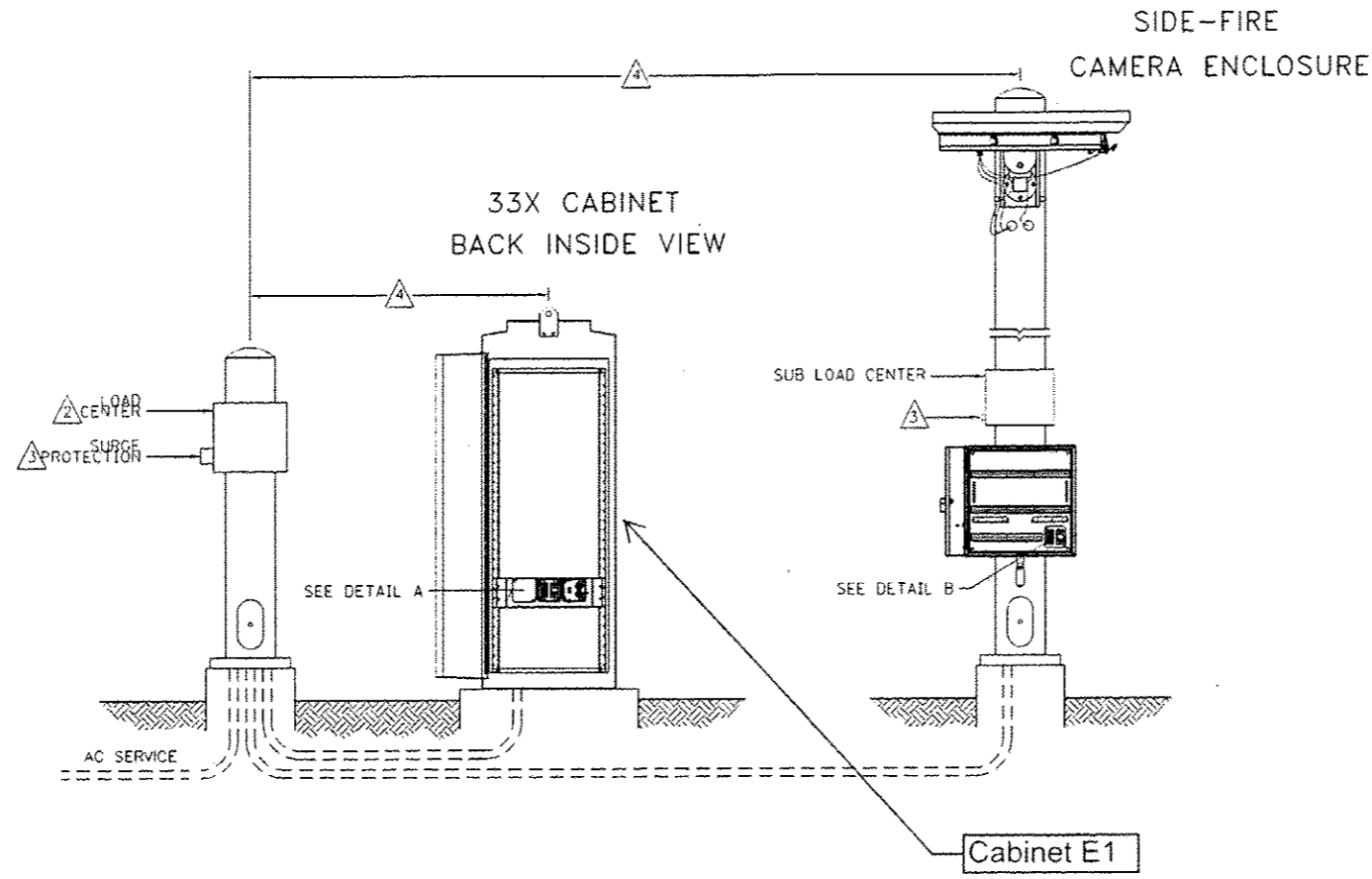


DETAIL A



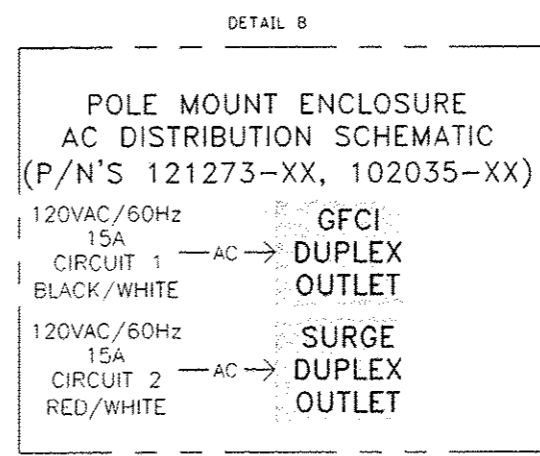
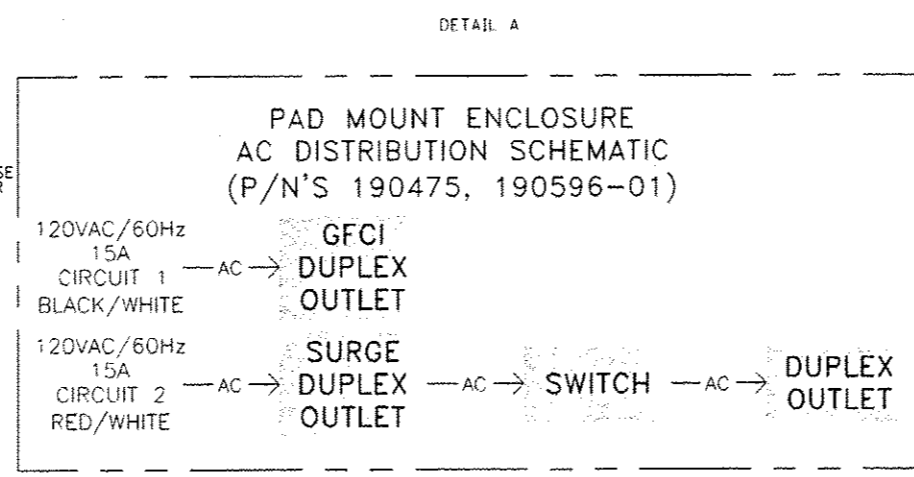
FILE NAME : c:\p\work\p\p\dot\spark\eg\1d8216308\067	USER NAME : spark\eg 505-SMT-VIM.dgn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH IN MOTION DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE : 100.0000 / 1 in.	DRAWN -	REVISED -		SCALE:	SHEET 7 OF 12 SHEETS	STA.	TO STA.	55	68-2WS-2	MONTGOMERY	124	95
	PLOT DATE : May-14-2013 01:58:04PM	CHECKED -	REVISED -		CONTRACT NO. 72505								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



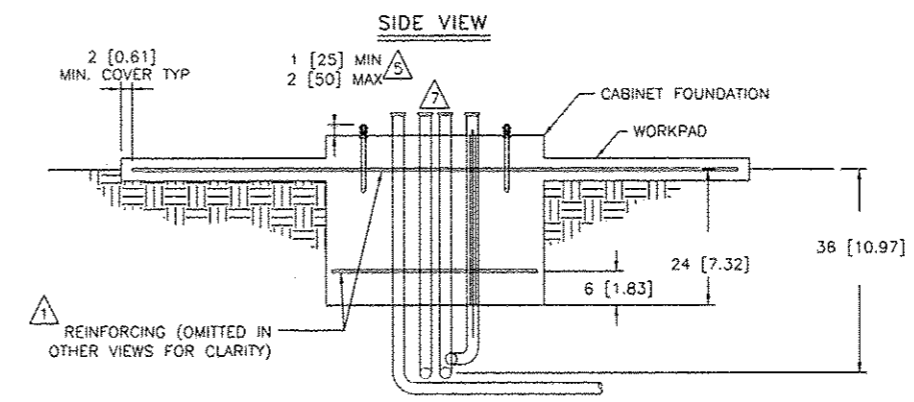
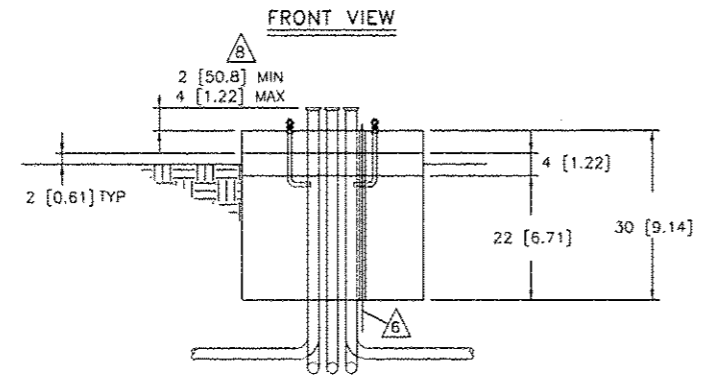
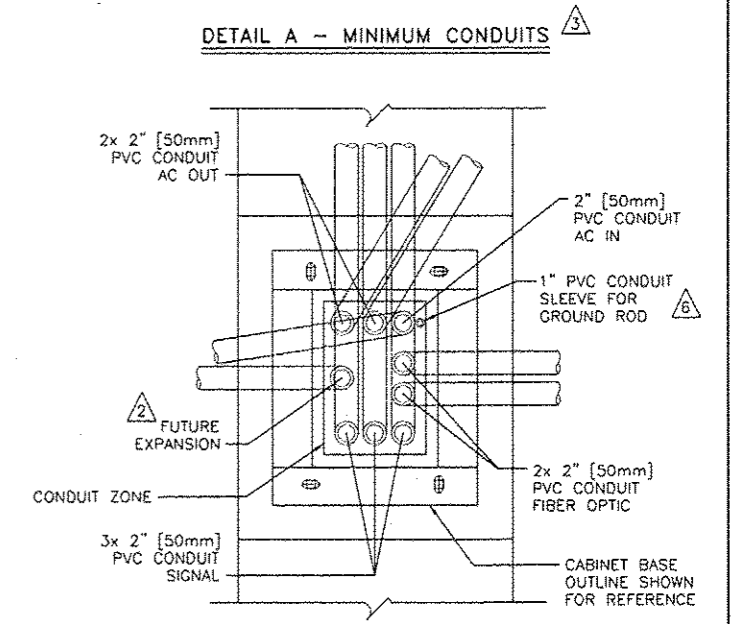
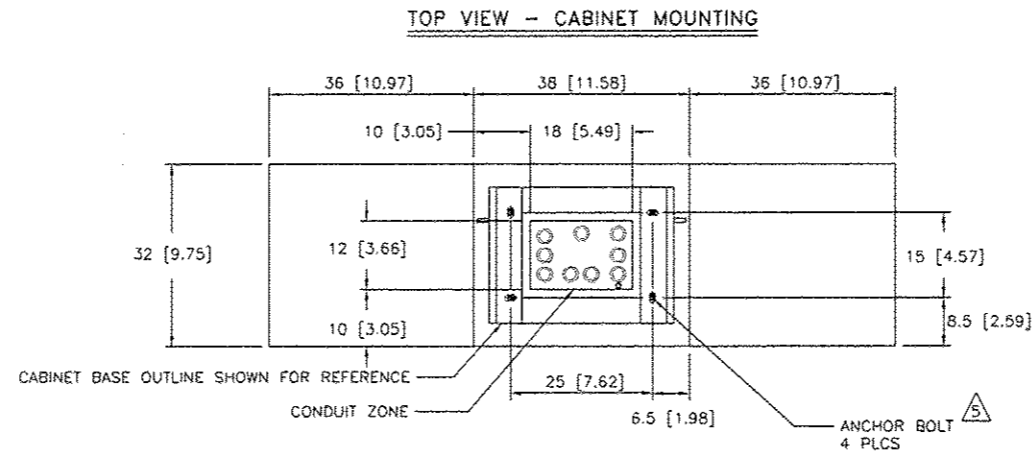


NOTES:

- 1 ALL ELECTRICAL DEVICES, GROUNDING, BONDING, WIRING, AND MOUNTING MUST MEET THE CANADIAN ELECTRICAL CODE PART I AND/OR NATIONAL ELECTRICAL CODE NFPA70 AND LOCAL ELECTRICAL CODE.
- 2 PROVIDE SUITABLE INDOOR OR OUTDOOR LOAD CENTER. IRD RECOMMENDS FOR CSA USE SQUARE D P/N C0018M100RB60 OR P/N Q02L70RB, FOR UL USE P/N Q0112M100RB OR P/N Q024L70RB OR EQUIVALENT.
- 3 EQUIPMENT MUST BE PROTECTED WITH AN ANSI/IEEE C62.41 CATEGORY C RATED PROTECTION DEVICE WITH MINIMUM PEAK CURRENT HANDLING CAPABILITY OF 36KA (1/200μS) INSTALLED AT THE LOAD CENTER OR SUB LOAD CENTER.
- 4 30M MAXIMUM CABLE LENGTH BETWEEN CATEGORY C PROTECTOR AND ENCLOSURE(S).



FILE NAME	USER NAME	DESIGNED	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH IN MOTION DETAILS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...	...	...	...			55	68-2WS-2	MONTGOMERY	124	96
Default	...	...	...		SCALE:	SHEET 8 OF 12 SHEETS		STA.	TO STA.	
								ILLINOIS FED. AID PROJECT		
						CONTRACT NO. 72505				

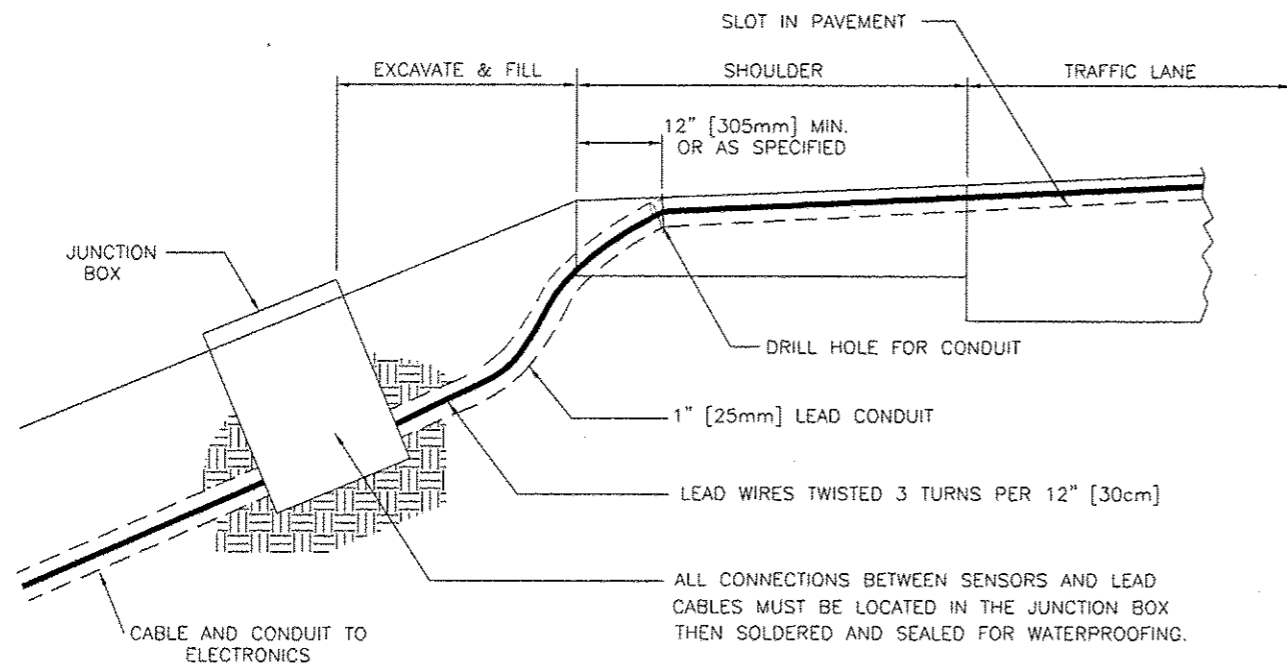


**NOTES:**

- 1 INSTALL REINFORCING MATS, #4 [12M] BAR 12" [300MM] ON CENTER EACH WAY, EPOXY COAT OR GALVANIZE. REINFORCEMENTS ARE MINIMUM REQUIREMENTS AND MAY BE SUPERSEDED BY LOCAL CONSTRUCTION CODES.
- 2 SPARE CONDUIT MUST BE CAPPED, STUBBED 24" [600MM] PAST FOUNDATION, AND LABELED.
- 3 ALL CONDUITS SHOWN SHALL BE FURNISHED AND INSTALLED IN FOUNDATION IN ACCORDANCE WITH LOCAL CODES. CAP IF NOT USED. ADDITIONAL CONDUITS MAY BE REQUIRED. CONDUITS SHALL EXIT FOUNDATION IN DIRECTION APPROPRIATE FOR SITE GEOMETRY.
- 4 CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 3000 PSI [20.7 MPa] MINIMUM.
- 5 CABINET ANCHORS MUST BE GALVANIZED OR STAINLESS STEEL AND MAY BE CAST IN PLACE CHEMICAL OR EXPANSION TYPE DRILLED INTO BASE, TYPICAL SIZE 3/4" NC X 12" X 4".
- 6 GROUND ROD MUST BE PROVIDED TO MEET LOCAL ELECTRICAL CODE.
- 7 SEAL ALL CONDUIT ENDS WITH STEEL WOOL AND DUCT SEAL TO REDUCE RODENT OR INSECT INTRUSION AND MOISTURE. DO NOT USE PERMANENT SEALANT AS CONDUITS MAY NEED TO BE REENTERED IN THE FUTURE FOR CABLE REPLACEMENTS ADDITIONS.
- 8 THE CABINET BASE CONDUIT MUST BE HIGHER THAN SURROUNDING PULL BOXES. THE HEIGHT OF CONDUITS ENDING IN THE CABINET MUST BE HIGHER THAN THE OTHER END TO PREVENT WATER ENTRY DUE TO HYDROSTATIC PRESSURE. ALL CONDUITS SHALL HAVE END BELLS INSTALLED OR NO SHARP EDGES.

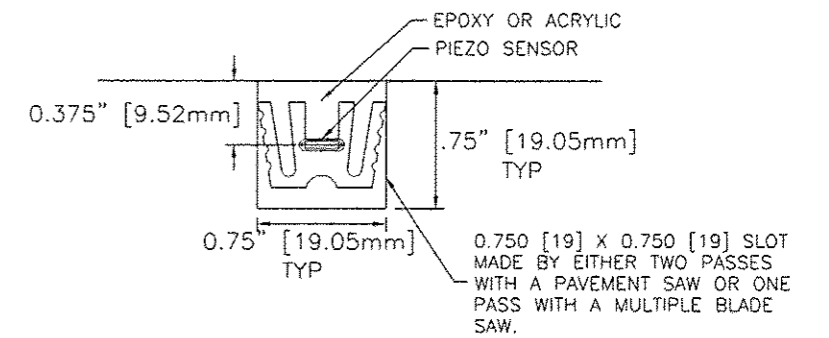
FILE NAME	USER NAME	DESIGNED	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH IN MOTION DETAILS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
of:\pr\work\p\dot\sparkg\td0216368\087	505-SHT-VJM.dgn	DRAWN	REVISED			55	68-2WS-2	MONTGOMERY	124	97
Default	PLOT DATE	CHECKED	REVISED		SCALE:					
	May-14-2013 01:50:48PM	DATE	REVISED		SHEET 9 OF 12 SHEETS	STA.	TO STA.			CONTRACT NO. 72505
										ILLINOIS FED. AID PROJECT

**LOOP CABLE ROUTING DETAILS**

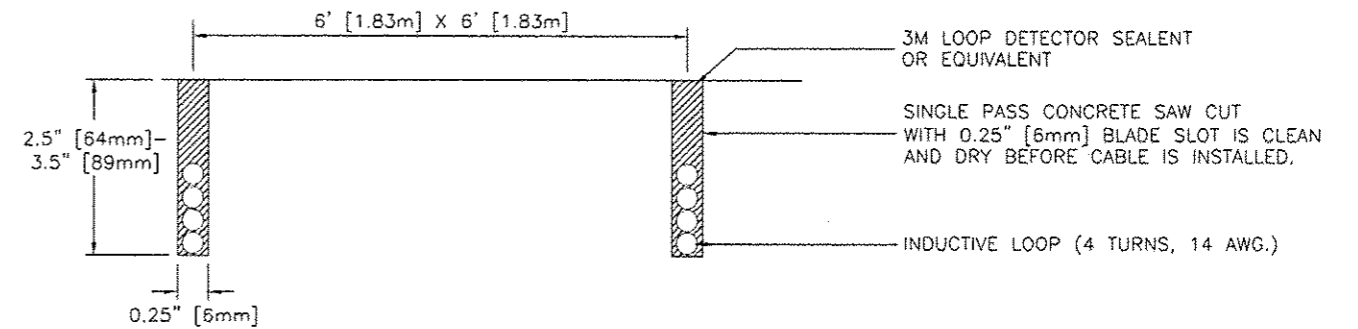


ALL CONNECTIONS BETWEEN SENSORS AND LEAD CABLES MUST BE LOCATED IN THE JUNCTION BOX THEN SOLDERED AND SEALED FOR WATERPROOFING.

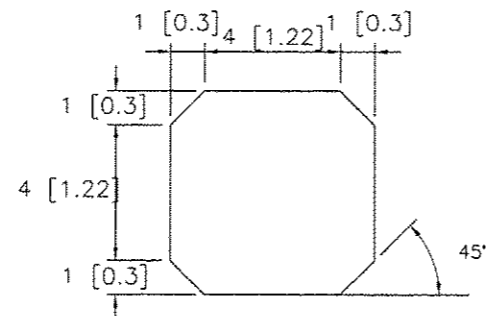
**SECTION B-B - PIEZO SENSOR DETAIL**



**SECTION A-A - LOOP DETAIL**



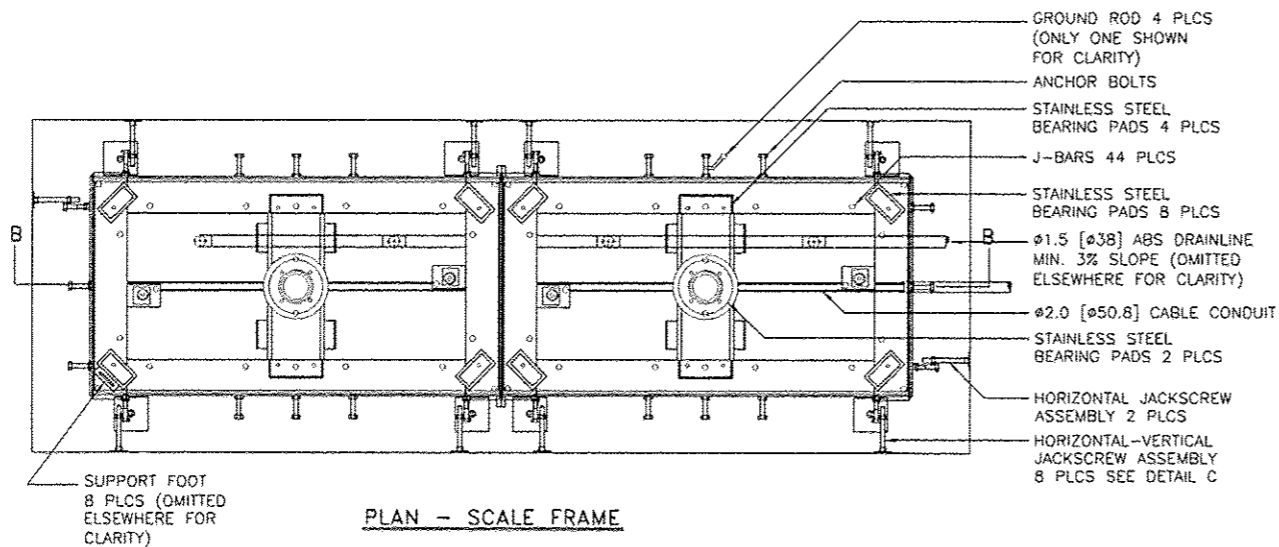
**LOOP DIMENSION DETAIL**



**NOTES:**

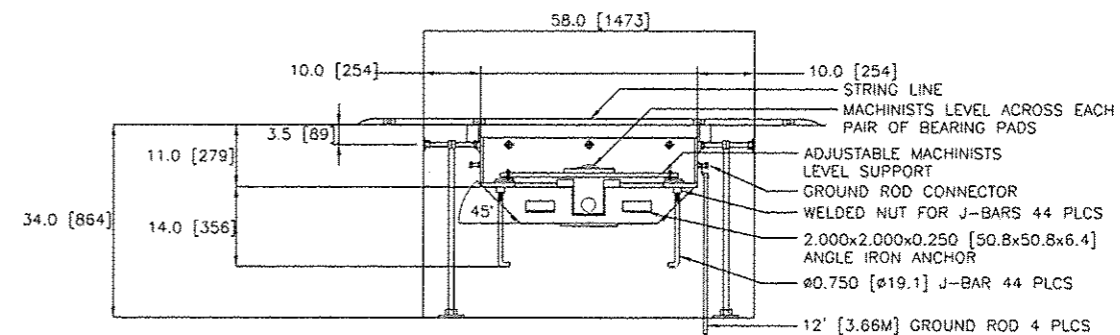
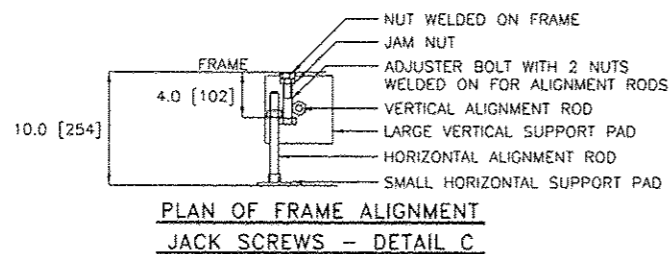
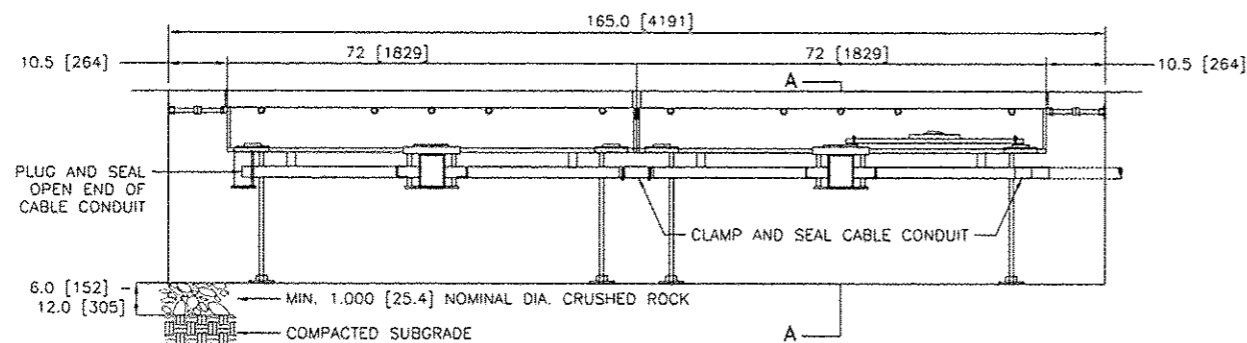
- 6' x 6' LOOP SHOWN, FOR SIZE REFER TO LOOP DETAILS ON SITE LAYOUT DRAWING.
- 4 TURN LOOP SHOWN, FOR NUMBER OF TURNS, REFER TO THE LOOP DETAILS ON SITE LAYOUT DRAWING.

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEIGH IN MOTION DETAILS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\sparksgw\0216368\067	SRS-SHT-WM.dgn	DRAWN -	REVISED -			55	68-2WS-2	MONTGOMERY	124	98	
Default	PLOT SCALE = 100.0000 1/16"	CHECKED -	REVISED -			SCALE: SHEET 10 OF 12 SHEETS STA. TO STA.		CONTRACT NO. 72505			
	PLOT DATE = May-14-2013 01:54:07PM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



**GENERAL INSTALLATION INSTRUCTIONS:**

- SHIPMENT INCLUDES: FRAMES, J-BARS, O-RINGS, GROUND ROD CONNECTORS, 2-10'[3658] LENGTHS OF DRAIN PIPE - 3 TEES AND 1 ELBOW, ALL NECESSARY CONCRETE ANCHOR BOLTS, JACK SCREWS, LOCATING SCREWS, SUPPORT PADS, CONDUIT CONNECTING HOSE AND CLAMPS, AND GROUND RODS.
- INSTALL CONCRETE ANCHOR BOLTS, JACK SCREWS AND J-BARS ONTO SCALE FRAMES.
- EXCAVATE SCALE VAULT TO DEPTH OF 40"[1016] AND COMPACT PIT BOTTOM.
- PLACE 6"[152.4] OF 1"[25.4] NOMINAL CRUSHED ROCK AND VIBRATE COMPACT.
- SET FRAME IN PREPARED PIT WITH NECESSARY REBAR CAGE IN PLACE.
- INSTALL DRAIN PIPES AND CONDUITS. SEAL ALL CONNECTIONS. DRAINAGE AT EDGE OF ROADWAY MUST ALLOW FREE FLOW AWAY FROM THE OUTLET OF DRAIN PIPE. THE OUTLET MUST BE WELL ABOVE THE HIGH WATER LEVEL OF THE DITCH OR MANHOLE. THE FLOW ALONG THE DRAIN AND AWAY FROM THE OUTLET MUST BE MAINTAINED AT ALL TIMES.
- USE JACK SCREWS TO POSITION FRAME PROPERLY - HORIZONTALLY AND VERTICALLY.
- INSTALL GROUND CLAMPS AND GROUND RODS.
- LOCATE THE EDGE OF THE SCALE FRAME FLUSH WITH THE SURROUNDING ROAD SURFACE USING A STRING LINE FROM THE ROADWAY ACROSS THE CORNERS OF THE SCALE FRAME.
- FINAL SET OF THE SCALE USING A MACHINISTS LEVEL MOUNTED ON AN ADJUSTABLE SUPPORT, SPANNING ACROSS ADJACENT SCALE BEARING PADS TO ENSURE THAT ALL FRAME EDGES ARE PARALLEL AND THERE IS NO TWIST IN THE SCALE FRAME.
- WET PIT WALLS.
- POUR AND VIBRATE CONCRETE AROUND FRAME. CONCRETE SHOULD HAVE MAX. SLUMP OF 3"[76.2].
- SLOPE AND FINISH PIT SURFACE AND SCALE FRAME FLOOR FOR PROPER DRAINAGE TO DRAINPIPE INLET.
- CONCRETE MUST MEET THE FOLLOWING SPECIFICATIONS:  
 1500PSI [10MPA] - INSTALL PLATFORM IN FRAME  
 3000PSI [20MPA] - OPEN TO TRAFFIC  
 4500PSI [30MPA] - ULTIMATE STRENGTH



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwwork\p\idot\sparksgw\d0216368\067	585-SHT-WIM.dgn	DRAWN -	REVISED -
Default	PLDT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -
	PLDT DATE = May-14-2013 01:59:32PM	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WEIGH IN MOTION DETAILS

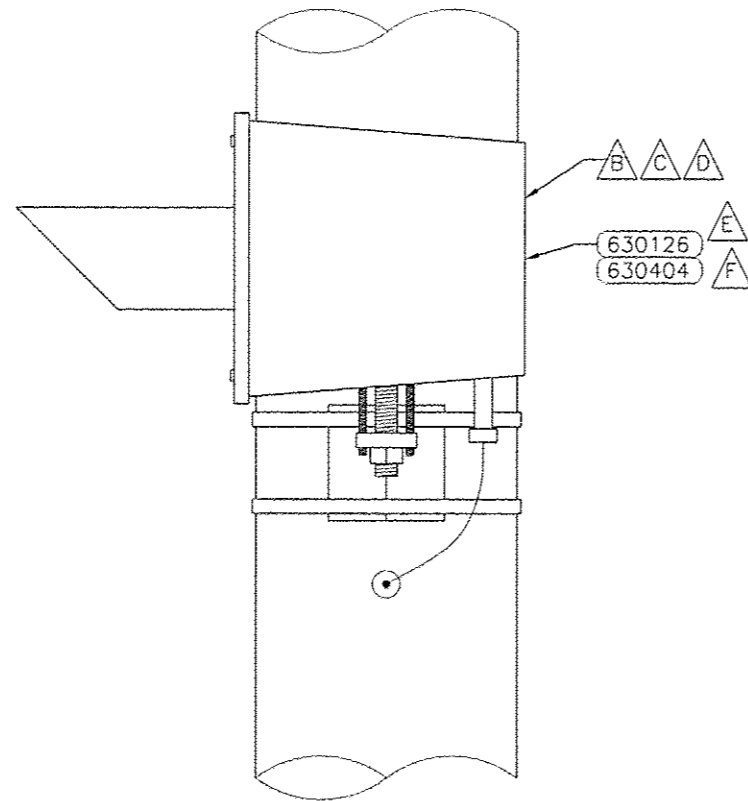
SCALE: SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	99
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

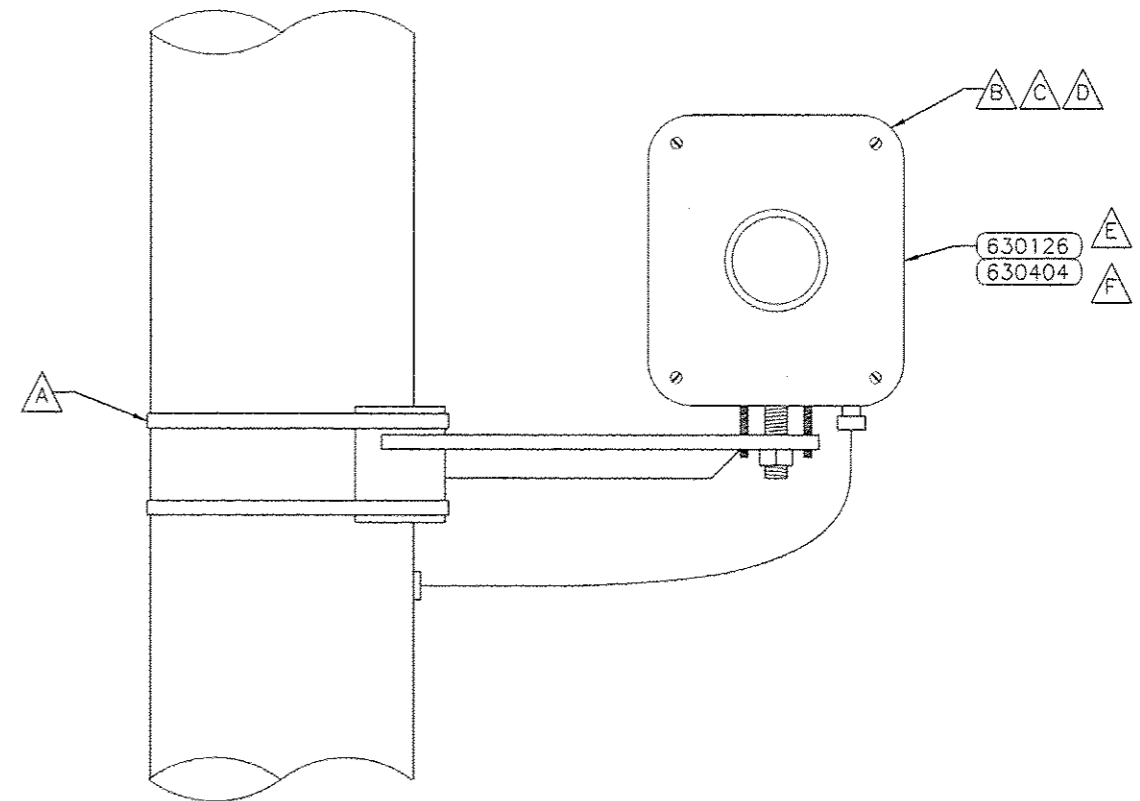


OVERHEIGHT DETAIL

SIDE VIEW



FRONT VIEW



NOTES: (THIS SHEET ONLY)

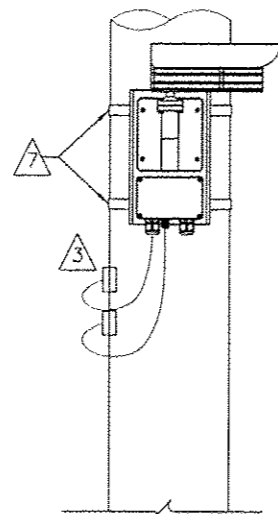
- A** BAND MOUNTING BRACKET TO POLE AT APPROPRIATE HEIGHT.
- B** MOUNT, WIRE AND AIM THE OVERHEIGHT TRANSMITTER AND RECEIVER IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- C** DETECTOR AND BRACKET WEIGHT: 40 lbs [18 Kg]
- D** DETECTOR HOUSING SIZE: 15-1/2" [394mm] X 10" [254mm] X 8-3/4" [222mm]
- E** DETECTOR POWER: 115 VAC, 50/60 Hz, 0.3 AMP.
- F** DETECTOR POWER: 230 VAC, 50/60 Hz, 0.15 AMP.

FEET (m)  
NOT TO SCALE

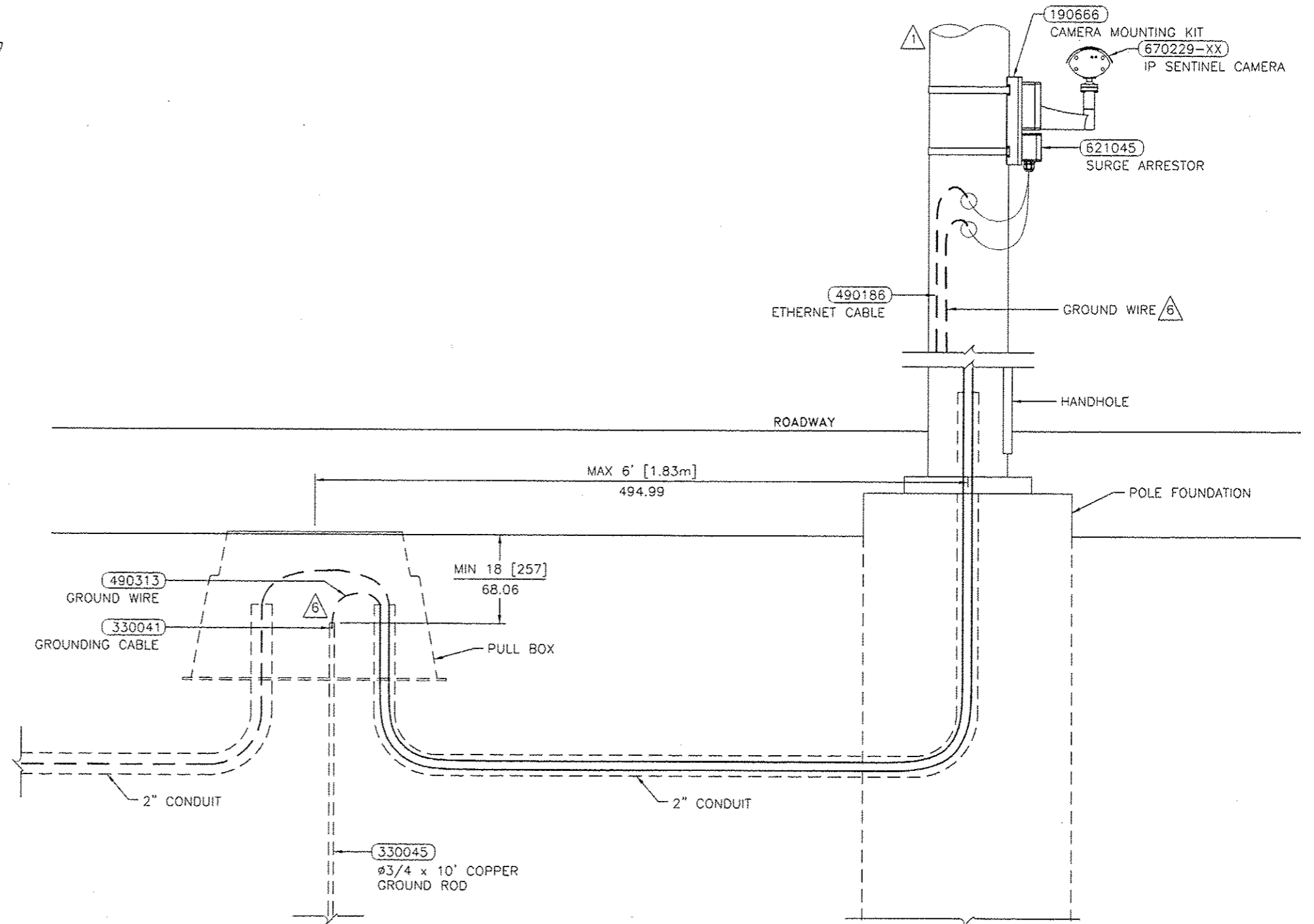
FILE NAME =	USER NAME =	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SITE LAYOUT SINGLE LOAD CELL WIM SORTING SYSTEM I-55 LITCHFIELD WEIGH STATION, IL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pw_work\pawidot\sparksgu\0216268\067	585-SHT-WIM.dgn	DRAWN -	REVISED -			55	68-2W5-2	MONTGOMERY	124	100A	
Default	PLT DATE = May-14-2013 02:08:26PM	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 72505			
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

CAMERA INSTALLATION DETAIL

SIDE VIEW



REAR VIEW - FACING ROADWAY



NOTES: (THIS SHEET ONLY)

- 1 MINIMUM 1.9" (48.3mm) POLE DIAMETER.
- 2 CAMERA AND BRACKET WEIGHT: 25.4lbs [16.1kg]
- 3 REFER TO 81303501 FOR CABLE POLE ENTRY DETAIL.
- 4 POLE AND FOUNDATION DESIGN NOT PROVIDED BY IRD.
- 5 CONDUITS TO MEET LOCAL ELECTRIC CODE.
- 6 EQUIPMENT TO BE CONNECTED TO EARTH GROUND IN COMPLIANCE WITH NATIONAL ELECTRICAL CODE AND LOCAL STANDARDS.
- 7 BAND BRACKET POLE WITH 0.75" (20mm) STAINLESS STEEL STRAPPING (P/N 330356 [BUCKLE], 330357 [BAND]).
- 8 POWER CONSUMPTION < 7W (TYPICAL) INCLUDING HEATER.

FEET (m)  
NOT TO SCALE

FILE NAME =	USER NAME = sparksgm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SITE LAYOUT SINGLE LOAD CELL WIM SORTING SYSTEM I-55 LITCHFIELD WEIGH STATION, IL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	505-SHT-WIM.dgn	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	55	68-2WS-2	MONTGOMERY	124	100B
	PLOT SCALE = 100.0000 1/1 in.	CHECKED -	REVISED -												
	PLOT DATE = May-14-2013 02:00:50PM	DATE -	REVISED -												
											CONTRACT NO. 72505				
											[ILLINOIS] FED. AID PROJECT				