

04-24-2015 LETTING ITEM 052

FOR INDEX OF SHEETS, SEE SHEET NO. 2

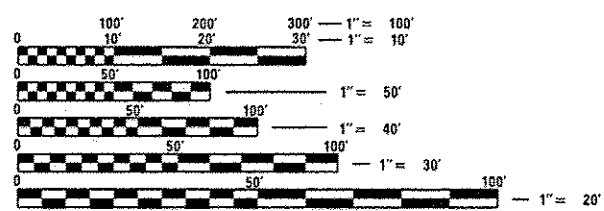
HIGHWAY STANDARDS

000001-06	701006-05
001001-02	701101-04
001006	701106-02
280001-07	701306-03
442101-07	701311-03
601001-04	701400-08
610001-06	701402-10
630001-10	701406-09
630106-01	701411-09
631011-09	701426-07
631026-06	701451-03
631031-13	701456-03
635006-03	701901-04
635011-02	704001-07
642001-02	781001-03
	701401-09

DESIGN DESIGNATIONS

INTERSTATE

ADT = 6,800 (2013)
 MU = 31.5% (2013)
 SU = 5.65% (2013)



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

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

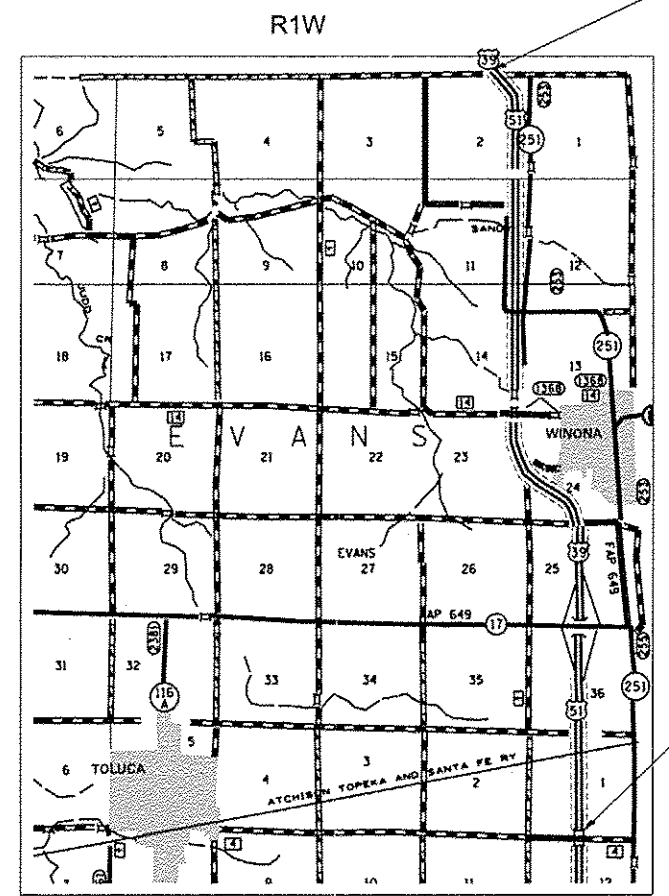
PROJECT ENGINEER MIKE LEWIS (309) 671 3454
 PROJECT MANAGER RAYMOND SAMARA (309) 671 3459
 CATALOG NO. 035093-00D
 CONTRACT NO. 68B71

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

F.A.I. ROUTE 39 (1-39)
 SECTION 62-[2,3]RS
 PROJECT ACNHPP-0039 (040)
 RESURFACING
 MARSHALL COUNTY

C-94-066-14



PROJECT ENDS STA 521+25

FOR OVERLAY BRIDGE OMISSION SEE LINE DIAGRAM

PROJECT BEGINS STA 127+00

GROSS LENGTH = 39,425.00 FT. = 7.467 MILE
 NET LENGTH = 37,231.00 FT. = 7.048 MILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-[2,3]RS	MARSHALL	113	1
		ILLINOIS	CONTRACT NO. 68B71	

D-94-013-14



THIS PROJECT CONSISTS OF PATCHING, BRIDGE JOINT REPLACEMENT, GAUDDRAIL IMPROVEMENT AND THE RESURFACING OF I-39 FROM 2 MILES SOUTH OF IL 17 TO LASALLE COUNTY LINE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED January 22, 2015

Raymond Samara
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Mike Lewis
 ENGINEER OF DESIGN AND ENVIRONMENT

Mar 20, 2015
Omer Osman, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

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- 73-113 Cross Sections

GENERAL NOTES:

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken:

- * All cold milled surfaces shall be overlaid.
- * All lanes shall be reopened to traffic.
- * Manholes, where applicable, shall be adjusted to the elevation of the binder course/leveling binder to ease in plowing snow, and re-adjusted to finished grade in the Spring. The initial manhole adjustment will be paid for at the contract unit price and any re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
- * Temporary or permanent pavement marking shall be placed as applicable.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Environmental Survey Request)
- * BDE Form 2290 (Waste/Use Area Review)
- * A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form-D4 PI0101

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval - 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers - 6 inches (150 mm) from the inside edge of the pavement marking

Location:

- * 2,3, & 5 Lane Pavements - right edge of pavement in direction of increasing stations
- * Multi-Lane Divided Roadways - outside edge of pavement in both directions
- * Ramps - along baseline edge of pavement

Position - stations shall be placed so they can be read from the adjacent shoulder

Format - English (Metric) pavement stations shall use this format "XXX (XX + X00)" where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

FILE NAME : 0468871-sh1-cover.dgn	USER NAME : subregga	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS /GENERAL NOTES /JOB SPECIFIC NOTES	F.A.J. RTE.: 39	SECTION: 62-12.31RS	COUNTY: MARSHALL	TOTAL SHEETS: 113	SHEET NO.: 2
	PLOT SCALE : 200.0000' / in.	DRAWN - _____	REVISED - _____							
	PLOT DATE : 1/22/2015	CHECKED - _____	REVISED - _____		SCALE: _____	SHEET NO. 1 OF 2 SHEETS		STA. _____	TO STA. _____	
[ILLINOIS] FED. AID PROJECT										CONTRACT NO. 68871

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Polymer SMA Surface Course	Polymer Level Binder	Polymer SMA Binder Course	Ramps & IL 17 Overlay & Partial Depth Patching	Class D Patches (Special)	HMA Shoulder & Cross-over (Surface Lift 2")	HMA Shoulder & Cross-over (Lower Lift 3")	Incidental Surface (Commercial Entrances)
AC/PG:	SBS or SBR 76-22	SBS or SBR 76-22	SBS or SBR 76-22	SBS or SBR 76-22	SBS or SBR 76-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ N=80	4.0% @ N=50	4.0% @ N=80	4.0% @ N=70	4.0% @ N=70	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL12.5	IL 4.75	IL12.5	IL 9.5	IL 9.5	IL 9.5	IL 9.5	IL 9.5
Friction Aggregate:	Mixture E	N.A.	N.A.	Mixture E	N.A.	Mixture C	N.A.	Mixture C
Quality Management Program:	PFP	QC/QA	PFP	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA

Notes: Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal aggregate size.

MINIMUM VERTICAL CLEARANCE

The Contractor shall verify the existing structure vertical clearance prior to placing bituminous overlay under any structure. A minimum (16 feet) vertical clearance shall be maintained under all structures.

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

REFLECTIVE CRACK CONTROL PLACEMENT

Reflective crack control treatment shall be placed on the binder course.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e):
All of the telephone lines provided shall have unpublished numbers.

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structures SN 062-0040, SN 062-0041, SN 062-0042, SN 062-0043, SN 062-0044, SN 062-0045, SN 062-0046, SN 062-0047, SN 062-0050, SN 062-0051 and SN 062-0052 may be crossed with unloaded MTD.

Any structures not listed above shall be verified by the resident prior to beginning work.

JOB SPECIFIC NOTES:

THE BUTT JOINT (CLASS A PATCHES TYPE IV VARIABLE DEPTH) AT THE BEGINING & END OF THE PROJECT SHALL BE DONE AT EACH LANE NO LATER THAN 2 WEEKS AFTER THE PLACEMENT OF THE SURFACE COURSE.

THE CONTRACTOR COULD OBTAIN AND STOCKPILE TOPSOIL FROM WITHIN THE ROW. TOPSOIL MUST BE APPROVED BY THE RESIDENT ENGINEER ON THE JOB AND SHALL BE PAID FOR AS "TOPSOIL FURNISH & PLACE 4 INCH".

ELECTRONIC FILES FOR THE CROSS SECTIONS SHEETS WILL NOT BE AVAILABE.

FILE NAME *	USER NAME * abuhanna	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS /GENERAL NOTES /JOB SPECIFIC NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE * 200.0000 ' / in.		CHECKED -	REVISED -			CONTRACT NO. 68871					
PLOT DATE * 2/25/2015		DATE -	REVISED -			SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				RURAL ROADWAY	RURAL BRIDGE	RURAL
				0004	0014	0042
20200100	EARTH EXCAVATION	CU YD	4459	4459		
21101615	TOPSOIL FURNISH & PLACE, 4"	SQ YD	22889	22889		
21400100	GRADING AND SHAPING DITCHES	FOOT	2843	2843		
25000210	SEEDING, CLASS 2A	ACRE	7.5	7.5		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	675	675		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	675	675		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	675	675		
<input type="checkbox"/> 25000750	MOWING	ACRE	170	170		
25100115	MULCH, METHOD 2	ACRE	7.5	7.5		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	716	716		
28000305	TEMPORARY DITCH CHECKS	FOOT	240	240		
28000500	INLET AND PIPE PROTECTION	EACH	8	8		
28100105	STONE RIPRAP, CLASS A3	SQ YD	544	544		
28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	1271	1271		

NON-PART. (100% STATE)

FILE NAME :
0468871-shr-cover.dgn

USER NAME : aubreyg

DESIGNED -

REVISED -

PLOT SCALE : 1/8" = 1' / in.

DRAWN -

REVISED -

PLOT DATE : 1/22/2015

CHECKED -

REVISED -

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-(2,3)RS	MARSHALL	113	4
				CONTRACT NO. 68871

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				RURAL ROADWAY	RURAL BRIDGE	RURAL
				0004	0014	0042
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	251170	251170		
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	12028.9	12028.9		
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	14244	14244		
40600990	TEMPORARY RAMP	SQ YD	893	893		
40603148	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	TON	22793.5	22793.5		
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	22793.5	22793.5		
40603310	HOT - MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	64	64		
40603565	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	2604.7	2604.7		
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	6.3	6.3		
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	2010	2010		
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	85	85		
44201299	DOWEL BARS 1 1/2"	EACH	112	112		
44213000	PATCHING REINFORCEMENT	SQ YD	1798	1798		
44213200	SAW CUTS	FOOT	6127	6127		
14						

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				RURAL ROADWAY	RURAL BRIDGE	RURAL
				0004	0014	0042
44213204	TIE BARS 3/4"	EACH	1068	1068		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	12388	12388		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	22782	22782		
48203100	HOT - MIX ASPHALT SHOULDERS	TON	39839.5	39839.5		
50102400	CONCRETE REMOVAL	CU YD	57.1		57.1	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	54.6		54.6	
50300300	PROTECTIVE COAT	SQ YD	68.2		68.2	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	11170		11170	
50800515	BAR SPLICERS	EACH	96		96	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	348		348	
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	19	19		
60107600	PIPE UNDERDRAINS 4"	FOOT	5940	5940		
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	228	228		
60260100	INLETS TO BE ADJUSTED	EACH	7	7		
14						

FILE NAME = D:\68871-1ht-cover.dgn

USER NAME = subreggs

DESIGNED -

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PLOT SCALE = 1/8" = 1'-0"

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PLOT DATE = 1/22/2015

CHECKED -

REVISED -

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12.31RS	MARSHALL	113	6
				CONTRACT NO. 68871

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				RURAL ROADWAY	RURAL BRIDGE	RURAL
				0004	0014	0042
60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1		
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	7074	7074		
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	325	325		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	10	10		
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	8	8		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	28	28		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	30	30		
63200310	GUARDRAIL REMOVAL	FOOT	10921	10921		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	153276	153276		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	14	14		
67100100	MOBILIZATION	L SUM	1	1		
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	8	8		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		

* SPECIALTY ITEM

FILE NAME : D488871-ht-cover.dgn	USER NAME : eubrayge	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			39	62-12,3)RS	MARSHALL	113	7	
		CHECKED -	REVISED -			CONTRACT NO. 68871					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				RURAL ROADWAY	RURAL BRIDGE	RURAL
				0004	0014	0042
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	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		
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	73423	73423		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	267	267		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	177315	177315		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	19713	19713		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	4745	4745		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	682	682		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	48	48		
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	17958	17958		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	26035	26035		
14						

FILE NAME :
D468871-sh1-cover.dgn

USER NAME : aubrugg

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DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12.3RS	MARSHALL	113	8
CONTRACT NO. 68871				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				RURAL ROADWAY	RURAL BRIDGE	RURAL
				0004	0014	0042
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1424	1424		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1374	1374		
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4	4		
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4	4		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	267	267		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	177315	177315		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	19713	19713		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	4745	4745		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	682	682		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	48	48		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1316	1316		
78200410	GUARDRAIL MARKERS, TYPE A	EACH	141	141		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	29	29		
78300100	PAVEMENT MARKING REMOVAL	SO FT	1610	1610		

* SPECIALTY ITEM

FILE NAME : D:\68071\hnt-cover.dgn	USER NAME : aubrauga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			39	62-(2.3)RS	MARSHALL	113	9	
PLOT SCALE : 1/99.9999 1/4" = 1'		CHECKED -	REVISED -			CONTRACT NO. 68B71					
PLOT DATE : 1/22/2015		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				RURAL ROADWAY	RURAL BRIDGE	RURAL
				0004	0014	0042
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	3059	3059		
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	267	267		
X4420553	CLASS A PATCHES, TYPE II, 10 INCH (SPECIAL)	SQ YD	118	118		
X4420557	CLASS A PATCHES, TYPE III, 10 INCH (SPECIAL)	SQ YD	32	32		
X4420559	CLASS A PATCHES, TYPE IV, 10 INCH (SPECIAL)	SQ YD	1648	1648		
X4421000	PARTIAL DEPTH PATCHING	TON	30	30		
X7010410	SPEED DISPLAY TRAILER	CAL MO	8	8		
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	64	64		
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	334	334		
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	177315	177315		
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	19713	19713		
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	4745	4745		
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	682	682		
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	48	48		

14
* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				RURAL ROADWAY	RURAL BRIDGE	RURAL
				0004	0014	0042
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1		
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	1910	1910		
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	4.5		4.5	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0016200	DECK SLAB REPAIR (PARTIAL)	SO YD	16		16	
Z0034105	MATERIAL TRANSFER DEVICE	TON	59881.7	59881.7		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1	
Z0065730	SLOPE WALL SLURRY PUMPING	CU YD	110		110	
Z0076600	TRAINEES	HOUR	1000			1000
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000			1000
X2200001	RECOVERABLE DELINEATORS	EACH	353	353		
X9500001	CLASS D PATCHES, TYPE II, 10 INCH (SPECIAL)	SO YD	128	128		
40602778	HOT-MIX ASPHALT BINDER COURSE, IL-9.5. NSO	TON	95.7	95.7		

FILE NAME :
0468071-shr-cover.dgn

USER NAME : aubreyga
PLOT SCALE : 1/8"=1'-0"
PLOT DATE : 1/22/2015

DESIGNED -
DRAWN -
CHECKED -
DATE -

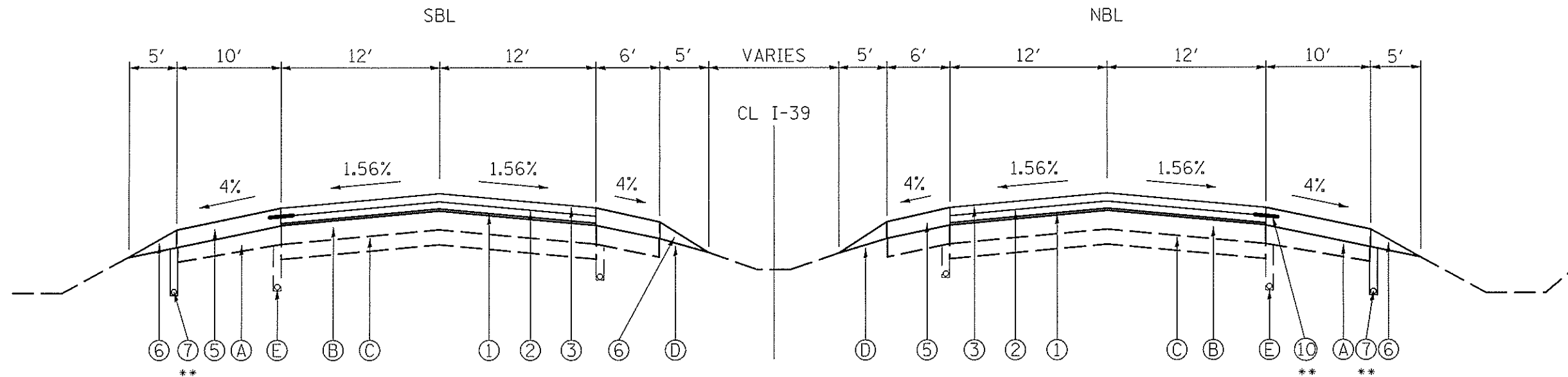
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-(2,3)RS	MARSHALL	113	11
CONTRACT NO. 68871				
ILLINOIS FED. AID PROJECT				

TANGENT SECTION



STA. 127+00 TO 270+37
 STA. 304+16 TO 309+53
 STA. 340+11 TO 340+87
 STA. 353+69 TO 487+26
 STA. 513+83 TO 516+42

LEGEND

- Ⓐ EXISTING 10" PCC SHOULDER
- Ⓑ EXISTING 10" CRPCC PAVEMENT
- Ⓒ EXISTING 4" STABILIZED SUB-BASE
- Ⓓ EXISTING AGGREGATE SHOULDER, TYPE B
- Ⓔ EXISTING 4" PIPE UNDERDRAIN
- Ⓕ EXISTING 10" PCC PAVEMENT (HINGE - JOINT)
- Ⓖ EXISTING 10 1/2" PCC PAVEMENT
- Ⓗ EXISTING M 6.06 CURB & GUTTER
- Ⓘ EXISTING HMA SHOULDER 10 1/2"

OVERLAY BRIDGE OMISSIONS

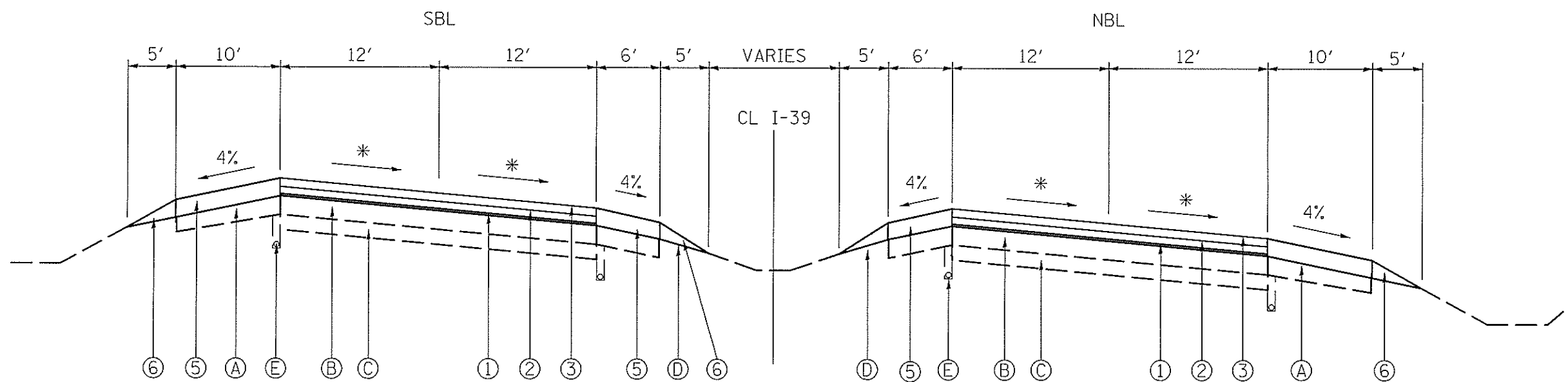
- | | |
|----------------------------|--------------------------|
| NB STA. 164+55 TO 166+78 / | SB STA. 165+03 TO 167+26 |
| NB STA. 394+36 TO 398+05 / | SB STA. 394+49 TO 398+31 |
| NB STA. 435+36 TO 437+64 / | SB STA. 435+36 TO 437+64 |
| NB STA. 467+61 TO 469+69 / | SB STA. 467+39 TO 469+61 |

** SEE SCHEDULES FOR LOCATION AND QUANTITY

- ① PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"
- ② PROPOSED POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80 2"
- ③ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 2"
- ④ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 1 1/2"
- ⑤ PROPOSED HOT-MIX ASPHALT SHOULDERS, 5"
- ⑥ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑦ PROPOSED 4" PIPE UNDERDRAIN
- ⑧ PROPOSED HOT-MIX ASPHALT SHOULDERS
- ⑨ PROPOSED C-2 (2" CORRUGATED) MEDIAN REMOVAL PARTIAL DEPTH
- ⑩ PROPOSED STRIP REFLECTIVE CRACK CONTROL

FILE NAME = D468B71-shr-typical.dgn	USER NAME = abuhannan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS I-39	F.A.I. RTE. 39	SECTION 62-2,3RS	COUNTY MARSHALL	TOTAL SHEETS 113	SHEET NO. 12
Default	PLOT SCALE = 60.2740' / in.	DRAWN -	REVISED -		SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.					
	PLOT DATE = 2/25/2015	CHECKED -	REVISED -							
		DATE -	REVISED -							
ILLINOIS FED. AID PROJECT										

SUPER ELEVATED SECTION



LEGEND

- (A) EXISTING 10" PCC SHOULDER
- (B) EXISTING 10" CRPCC PAVEMENT
- (C) EXISTING 4" STABILIZED SUB-BASE
- (D) EXISTING AGGREGATE SHOULDER, TYPE B
- (E) EXISTING 4" PIPE UNDERDRAIN
- (F) EXISTING 10" PCC PAVEMENT (HINGE - JOINT)
- (G) EXISTING 10 1/2" PCC PAVEMENT
- (H) EXISTING M 6.06 CURB & GUTTER
- (I) EXISTING HMA SHOULDER 10 1/2"

- ① PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"
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- ③ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 2"
- ④ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 1 1/2"
- ⑤ PROPOSED HOT-MIX ASPHALT SHOULDERS, 5"
- ⑥ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑦ PROPOSED 4" PIPE UNDERDRAIN
- ⑧ PROPOSED HOT-MIX ASPHALT SHOULDERS
- ⑨ PROPOSED C-2 (2" CORRUGATED) MEDIAN REMOVAL PARTIAL DEPTH
- ⑩ PROPOSED STRIP REFLECTIVE CRACK CONTROL

- * SA STA. 270+37.72 TO 273+37.72 (S.E. 0.046)
- SR STA. 301+16.87 TO 304+16.87

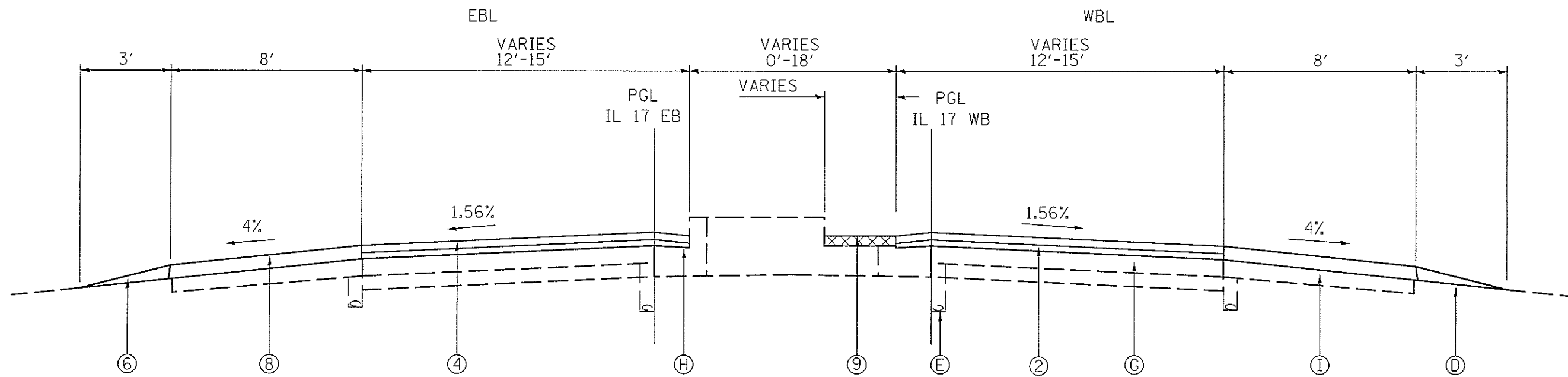
- SA STA. 309+53.49 TO 312+53.49 (S.E. 0.046)
- SR STA. 337+11.10 TO 340+11.10

- SA STA. 340+87.38 TO 343+57.39 (S.E. 0.0156)
- SR STA. 350+99.77 TO 353+69.77

- SA STA. 487+26.68 TO 490+26.68 (S.E. 0.054)
- SR STA. 510+83.21 TO 513+83.21

- SA STA. 516+42.27 TO 519+55.27
- STA. 519+55.27 TO 521+25.00 (S.E. 0.052)

FILE NAME = D468B71-shr-typical.dgn	USER NAME = abuhannan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS I-39	F.A.I. RTE. 39	SECTION 62-12,33RS	COUNTY MARSHALL	TOTAL SHEETS 113	SHEET NO. 13
Default	PLOT SCALE = 60.2748' / in.	CHECKED -	REVISED -		SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.	CONTRACT NO. 68B71 <small>(ILLINOIS) FED. AID PROJECT</small>				
	PLOT DATE = 2/25/2015	DATE -	REVISED -							



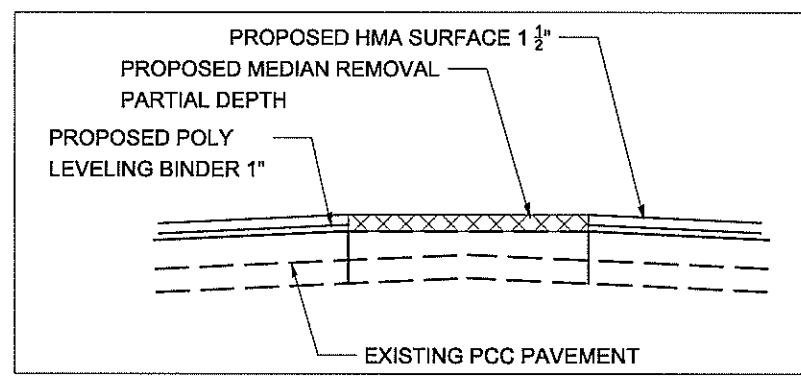
STA. 82+90.00 TO 115+90
 BRIDGE OMISSION STA. 98+65.00 TO 101+35.00

* C-2 COROGATED MEDIAN
 STA: 88+30 TO 90+43 & STA: 109+56 TO 111+70
 SEE DETAIL BELOW

LEGEND

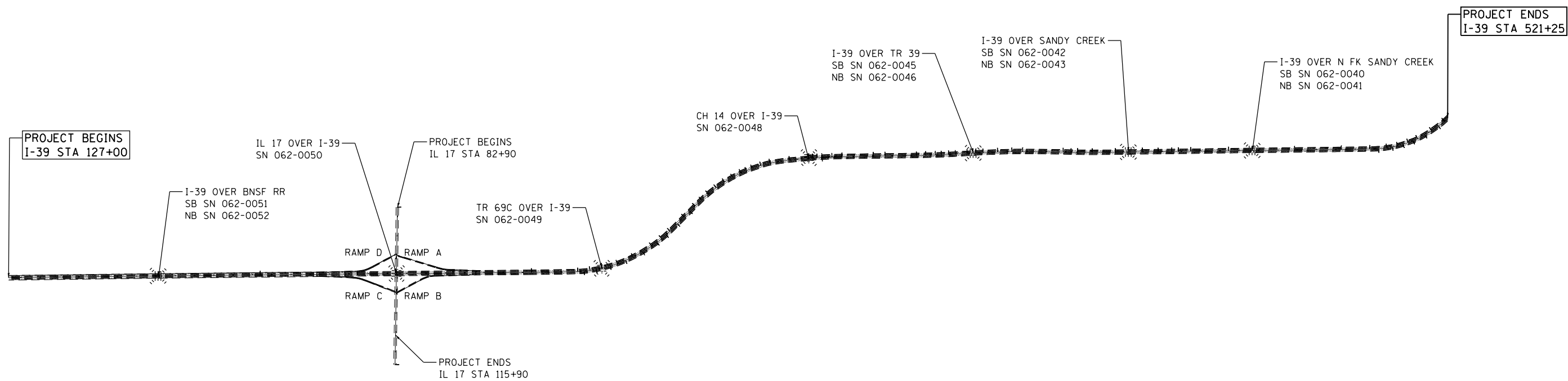
- (A) EXISTING 10" PCC SHOULDER
- (B) EXISTING 10" CRPCC PAVEMENT
- (C) EXISTING 4" STABILIZED SUB-BASE
- (D) EXISTING AGGREGATE SHOULDER, TYPE B
- (E) EXISTING 4" PIPE UNDERDRAIN
- (F) EXISTING 10" PCC PAVEMENT (HINGE - JOINT)
- (G) EXISTING 10 1/2" PCC PAVEMENT
- (H) EXISTING M 6.06 CURB & GUTTER
- (I) EXISTING HMA SHOULDER 10 1/2"

- ① PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"
- ② PROPOSED POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80 2"
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- ④ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 1 1/2"
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- ⑥ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑦ PROPOSED 4" PIPE UNDERDRAIN
- ⑧ PROPOSED HOT-MIX ASPHALT SHOULDERS
- ⑨ PROPOSED C-2 (2" CORRUGATED) MEDIAN REMOVAL PARTIAL DEPTH
- ⑩ PROPOSED STRIP REFLECTIVE CRACK CONTROL



MEDIAN REMOVAL PARTIAL DEPTH DETAIL

FILE NAME = D:\68871-shr-typical.dgn	USER NAME = abuhannaw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTION IL 17 OVER I-39		F.A.I. RTE. 39	SECTION 62-12,33RS	COUNTY MARSHALL	TOTAL SHEETS 113	SHEET NO. 15
	PLOT SCALE = 68.2748' / 1"	CHECKED -	REVISED -				SCALE: SHEET 4 OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 68871		ILLINOIS FED. AID PROJECT
Default	PLOT DATE = 2/25/2015	DATE -	REVISED -								



BRIDGE OMISSIONS FOR OVERLAY

I-39 SOUTHBOUND

- S.N. 062-0051 - STA. 165+03 TO 167+26
- S.N. 062-0045 - STA. 394+49 TO 398+31
- S.N. 062-0042 - STA. 435+36 TO 437+64
- S.N. 062-0040 - STA. 467+39 TO 469+61

I-39 NORTHBOUND

- S.N. 062-0052 - STA. 164+55 TO 166+78
- S.N. 062-0046 - STA. 394+36 TO 398+05
- S.N. 062-0043 - STA. 435+36 TO 437+64
- S.N. 062-0041 - STA. 467+61 TO 469+69

IL 17

- S.N. 062-0050 - STA. 98+65 TO 101+35

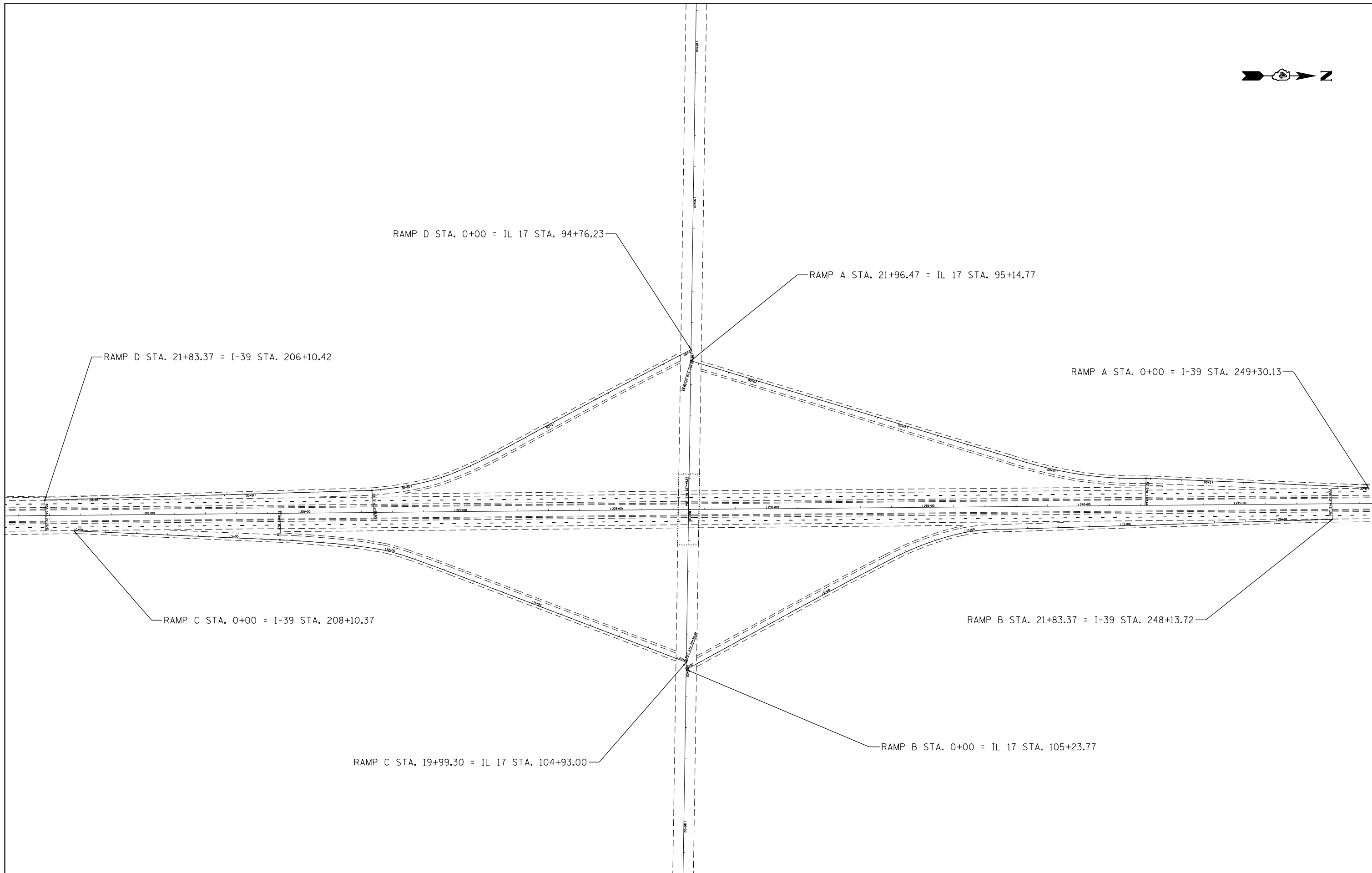
FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 199.9999' / in.	DRAWN -	REVISED -
	PLOT DATE = 1/22/2015	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM I-39

SCALE: SHEET 1 OF 1 SHEETS STA. 127+00 TO STA. 521+25

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-[2,3]RS	MARSHALL	113	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B71	



FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 17 INTERCHANGE			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/99.9999" / 1in.	CHECKED -	REVISED -					39	62-12,3RS	MARSHALL	113	17
Default	PLOT DATE = 1/22/2015	DATE -	REVISED -	SCALE: SHEET 1 OF 1 SHEETS STA. 127+00 TO STA. 521+25			ILLINOIS FED. AID PROJECT CONTRACT NO. 68B71					

DRAINAGE SCHEDULE							
LOCATION			OUTLET STATION	REMARKS	PIPE UNDERDRAINS 4"	PIPE UNDERDRIANS 4", (SPECIAL)	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
STATION	TO	STATION			FOOT	FOOT	EACH
NORTHBOUND LANE							
179+85	-	183+90	183+90		405	12	1
183+90	-	188+00	188+00		410	12	1
188+00	-	192+00	192+00		400	12	1
192+00	-	196+00	196+00		400	12	1
196+00	-	198+93	198+83		293	12	1
198+93	-	201+75		GUARDRAIL	-	-	-
201+75	-	203+67	203+67		192	12	1
			204+12			12	1
204+12	-	209+12	209+10		500	12	1
209+10	-	210+93	210+93	STA 210+93 ML = STA 13+30 (RAMP C)	183	12	1
SOUTHBOUND LANE							
182+00	-	183+90	183+90		190	12	1
183+90	-	188+00	188+00		410	12	1
188+00	-	192+00	192+00		400	12	1
192+00	-	196+00	196+00		400	12	1
196+00	-	198+27	198+27		227	12	1
198+27	-	200+90		GUARDRAIL	-	-	-
			200+90			12	1
200+90	-	204+27	204+27		337	12	1
204+27	-	209+27	209+50		500	12	1
209+27	-	214+50	214+50		523	12	1
214+50	-	216+20	216+20	STA 216+20 ML = STA 12+50 (RAMP D)	170	12	1
TOTAL					5940	228	19

DRAINAGE STRUCTURES			
LOCATION	INLETS TO BE ADJUSTED		INLET TO BE RECONSTRUCTED
	INLET TYPE A W/ TYPE 1 FRAME & OPEN LID	TYPE F INLET BOX	
	EACH	EACH	EACH
NORTHBOUND			
170+00		1	
211+90	1		
237+14	1		
SOUTHBOUND			
170+00		1	
211+90			1
237+14	1		
401+00		1	
408+00		1	
TOTAL	3	4	1

REMOVE & RE-INSTALL PIPE CULVERT END SECTION *		
LOCATION	REMARK	
RAMP C		
RT STA 10+10	24" PIPE	
RT STA 4+10	12" PIPE	
RAMP D		
RT STA 8+50	24" PIPE	
RT STA 12+25	12" PIPE	
*PAID FOR PER ARTICLE 109.04		

RECONNECT PIPE DRAIN TO INLET *	
LOCATION	
I-39 NBL	
RT STA 160+20	
*PAID FOR PER ARTICLE 109.04	

RECOVERABLE DELINEATORS				
LOCATION			EACH	
STA	TO	STA	WHITE	YELLOW
I-39 NORTHBOUND LANES				
127+00	TO	270+38	36	
270+38	TO	304+17	17	
304+17	TO	309+53	1	
309+53	TO	340+11	15	
340+11	TO	340+87	0	
340+87	TO	353+70	6	
353+70	TO	487+27	33	
487+27	TO	513+83	13	
513+83	TO	516+42	1	
516+42	TO	521+25	2	
I-39 SOUTHBOUND LANES				
127+00	TO	270+38	36	
270+38	TO	304+17	17	
304+17	TO	309+53	1	
309+53	TO	340+11	15	
340+11	TO	340+87	0	
340+87	TO	353+70	6	
353+70	TO	487+27	33	
487+27	TO	513+83	13	
513+83	TO	516+42	1	
516+42	TO	521+25	2	
IL 17 INTERCHANGE				
RAMP A				
0+00	TO	7+61	8	
7+61	TO	10+65	3	3
10+65	TO	22+27	12	
RAMP B				
0+00	TO	7+27	7	
7+27	TO	11+33	5	5
11+33	TO	21+79	10	
RAMP C				
0+00	TO	7+61	8	
7+61	TO	10+96	4	4
10+96	TO	20+31	9	
RAMP D				
0+00	TO	7+27	7	
7+27	TO	11+33	5	5
11+33	TO	21+76	10	
TOTAL			336	17

EROSION CONTROL SCHEDULE												
LOCATION			LENGTH	WIDTH	TEMPORARY DITCH CHECKS *	TEMPORARY EROSION CONTROL SEEDING	INLET AND PIPE PROTECTION	SEEDING, CLASS 2A	MULCH, METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT
STATION	TO	STATION	FOOT	FOOT	FOOT	100 LB/ACRE POUND	EACH	ACRE	ACRE	90 LB/ACRE POUND	90 LB/ACRE POUND	90 LB/ACRE POUND
NORTHBOUND I-39												
179+00	-	218+00	3900	40	120	358		3.75	3.75	338	338	338
		179+75					1					
		192+00					1					
		200+50					1					
		203+60					1					
		218+00					1					
SOUTHBOUND I-39												
182+00	-	221+00	3900	40	120	358		3.75	3.75	338	338	338
		199+15					1					
		204+40					1					
		220+20					1					
TOTAL					240.0	716.3	8.0	7.5	7.5	675.0	675.0	675.0

* ROLLED EXCELSIOR SHALL BE USED

NOTE: I-39 NB STA 218+00 = RAMP C STA 10+20 ,
I-39 SB STA 221+00 = RAMP D STA 7+70

FILE NAME : D468B71-shd-cover.dgn	USER NAME : aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE. 39	SECTION 62-I2,3JRS	COUNTY MARSHALL	TOTAL SHEETS 113	SHEET NO. 18			
Default	PLOT SCALE = 1/99.9999' / in.	CHECKED -	REVISED -			SCALE:	SHEET 1 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 68B71			
	PLOT DATE = 1/22/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT							

BUTT JOINT SCHEDULE										
LOCATION			REMARKS	SEE BUTT JOINT DETAIL NO.	BUTT JOINT LENGTH	BUTT JOINT WIDTH	PCC SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP		
STA	TO	STA							FT	FT
NORTHBOUND										
Beginning of Project	127+00	-	127+80	Shoulders	5	80	16	142	-	
Beginning of Project	127+80	-	129+00	Mainline	1	120	24	320	35	
(SN 062-0052)	162+55	-	163+35	Shoulders	5	80	16	142	-	
(SN 062-0052)	162+55	-	164+55	Mainline	2	200	24	533	35	
(SN 062-0052)	166+78	-	168+78	Mainline	4	200	24	533	35	
(SN 062-0052)	167+98	-	168+78	Shoulders	5	80	16	142	-	
(SN 062-0046)	392+36	-	393+16	Shoulders	5	80	16	142	-	
(SN 062-0046)	392+36	-	394+36	Mainline	2	200	24	533	35	
(SN 062-0046)	398+05	-	400+05	Mainline	2	200	24	533	35	
(SN 062-0046)	399+25	-	400+05	Shoulders	5	80	16	142	-	
(SN 062-0043)	433+36	-	434+16	Shoulders	5	80	16	142	-	
(SN 062-0043)	433+36	-	435+36	Mainline	3	200	24	533	35	
(SN 062-0043)	437+64	-	439+64	Mainline	3	200	24	533	35	
(SN 062-0043)	438+84	-	439+64	Shoulders	5	80	16	142	-	
(SN 062-0041)	465+61	-	466+41	Shoulders	5	80	16	142	-	
(SN 062-0041)	465+61	-	467+61	Mainline	3	200	24	533	35	
(SN 062-0041)	469+69	-	471+69	Mainline	3	200	24	533	35	
(SN 062-0041)	470+89	-	471+69	Shoulders	5	80	16	142	-	
Ending of Project	519+25	-	520+45	Mainline	1	120	24	320	35	
Ending of Project	520+45	-	521+25	Shoulders	5	80	16	142	-	
SOUTHBOUND										
Beginning of Project	127+00	-	127+80	Shoulders	5	80	16	142	-	
Beginning of Project	127+80	-	129+00	Mainline	1	120	24	320	35	
(SN 062-0051)	163+03	-	163+83	Shoulders	5	80	16	142	-	
(SN 062-0051)	163+03	-	165+03	Mainline	4	200	24	533	35	
(SN 062-0051)	167+26	-	169+26	Mainline	2	200	24	533	35	
(SN 062-0051)	168+46	-	169+26	Shoulders	5	80	16	142	-	
(SN 062-0045)	392+49	-	393+29	Shoulders	5	80	16	142	-	
(SN 062-0045)	392+49	-	394+49	Mainline	2	200	24	533	35	
(SN 062-0045)	398+31	-	400+31	Mainline	2	200	24	533	35	
(SN 062-0045)	399+51	-	400+31	Shoulders	5	80	16	142	-	
(SN 062-0042)	433+36	-	434+16	Shoulders	5	80	16	142	-	
(SN 062-0042)	433+36	-	435+36	Mainline	3	200	24	533	35	
(SN 062-0042)	437+64	-	439+64	Mainline	3	200	24	533	35	
(SN 062-0042)	438+84	-	439+64	Shoulders	5	80	16	142	-	
(SN 062-0040)	465+39	-	466+19	Shoulders	5	80	16	142	-	
(SN 062-0040)	465+39	-	467+39	Mainline	3	200	24	533	35	
(SN 062-0040)	469+61	-	471+61	Mainline	3	200	24	533	35	
(SN 062-0040)	470+81	-	471+61	Shoulders	5	80	16	142	-	
Ending of Project	519+25	-	520+45	Mainline	1	120	24	320	35	
Ending of Project	520+45	-	521+25	Shoulders	5	80	16	142	-	
RAMPS										
RAMP A	6+70	-	7+90		6	120	26	347	24	
RAMP B	8+80	-	10+00		6	120	26	347	24	
RAMP C	6+61	-	7+81		6	120	26	347	24	
RAMP D	8+86	-	10+06		6	120	26	347	24	
IL 17										
IL 17	82+90	-	83+20			CADD STD. 406101-D4	30	30	100	44
IL 17	115+60	-	115+90			CADD STD. 406101-D4	30	30	100	44
IL 17			115+00	ENTRANCE	7	5	30	17	-	
IL 17			112+00	ENTRANCE	7	5	70	39	-	
TOTAL							14244	893		

FILE NAME =
D468B71-shr-cover.dgn
Default

USER NAME = aubreys
PLOT SCALE = 1/99.9999' / in.
PLOT DATE = 1/22/2015

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES
SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-[2,3]RS	MARSHALL	113	19
CONTRACT NO.			68B71	
ILLINOIS FED. AID PROJECT				

SCHEDULE OF GUARDRAIL QUANTITIES														
LOCATION	GUARDRAIL REMOVAL			TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT	SPBGR TYPE A 6 FT POSTS	TRAFFIC BARRIER TERMINAL TYPE 6	LONG SPAN GUARDRAIL OVER CULVERT, 12'6" SPAN	TRAFFIC BARRIER TERMINAL TYPE 5	TRAFFIC BARRIER TERMINAL TYPE 2	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL		
	STA.	TO	TO STA.	FOOT	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	TON		
I-39 NORTHBOUND LANES														
RT	157+15	TO	165+12	798.00	1	612.00				9	1	133		
LT	161+62	TO	165+12	350.00	1	200.00				4	1	54		
RT	166+78	TO	170+24	330.00		325.00		1	1	5		66		
RT	198+93	TO	201+55	270.00	1	50.00	162.50		1	4	1	50		
RT	392+50	TO	395+64	314.00	1	150.00				3	1	45		
LT	392+25	TO	395+64	339.00	1	200.00				4	1	54		
RT	396+78	TO	397+63	79.00		50.00		1	1	1		15		
RT	433+05	TO	436+02	295.00	1	150.00				3	1	45		
LT	432+80	TO	436+02	322.00	1	200.00				4	1	54		
RT	436+98	TO	436+02	50.00		25.00		1	1	1		10		
RT	465+30	TO	437+50	297.00	1	150.00				3	1	45		
LT	465+00	TO	468+27	327.00	1	200.00				4		55		
RT	469+02	TO	469+52	50.00		25.00		1	1	1		10		
I-39 SOUTHBOUND LANES														
LT	159+88	TO	165+03	550.00		488.00			1	7		98.00		
RT	166+68	TO	170+30	360.00	1	200.00				4	1	53.60		
LT	166+68	TO	171+30	360.00	1	375.00				6	1	87.60		
LT	198+27	TO	200+90	238.00	1	50.00	162.50		1	4	1	49.60		
LT	395+10	TO	395+71	60.00		37.00		1	1	1		13.00		
RT	396+99	TO	400+60	361.00	1	200.00				4	1	53.60		
LT	396+99	TO	410+00	1301.00	1	1200.00				17	1	243.60		
LT	435+50	TO	436+02	52.00		25.00		1	1	1		10.00		
RT	436+98	TO	440+50	352.00	1	200.00				4	1	53.60		
LT	436+98	TO	440+00	302.00	1	150.00				3	1	44.60		
LT	467+50	TO	468+28	78.00		50.00		1	1	1		15.00		
LT	469+02	TO	471+75	273.00	1	150.00				3	1	44.60		
RT	469+02	TO	472+20	318.00	1	200.00				4	1	53.60		
IL 17														
RT	96+39	TO	98+85	220.00	1	150.00				3	1	44.60		
LT	97+89	TO	98+85	70.00	1					1	1	15.60		
RT	101+15	TO	102+11	70.00	1					1	1	15.60		
LT	101+15	TO	103+60	220.00	1	150.00				3	1	44.60		
OVER PASS TR 69A (800N)														
SE QUAD	S.N. 062-0049			515.00	1	412.00				7	1	94.60		
NE QUAD	S.N. 062-0049			200.00	1	100.00				3	1	34.60		
NW QUAD	S.N. 062-0049			200.00	1	100.00				3	1	34.60		
SW QUAD	S.N. 062-0049			200.00	1	100.00				3	1	34.60		
OVER PASS CH 14														
SE QUAD	S.N. 062-0048			200.00	1	100.00				3	1	34.60		
NE QUAD	S.N. 062-0048			200.00	1	100.00				3	1	34.60		
NW QUAD	S.N. 062-0048			200.00	1	100.00				3	1	34.60		
SW QUAD	S.N. 062-0048			200.00	1	100.00				3	1	34.60		
TOTAL				10921.00	30.00	7074.00		28.00	325.00	8.00	10.00	141.00	29.00	1910.00

** RT / LT BASED ON INCREASING STATION DIRECTION

PERMANENT AND TEMPORARY PAVEMENT MARKING SCHEDULE												
GROOVING FOR RECESSED PAVEMENT MARKING			5"		7"	9"	13"	25"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE MARKER REMOVAL
THERMOPLASTIC PAVEMENT MARKING			4"		6"	8"	12"	24"			ONE WAY CRYSTAL	
LOCATION			WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE				
STATION	-	STATION	FOOT		FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	EACH	EACH
I-39 NORTHBOUND												
127+00	-	164+55	3755.0	3755.0								
166+78	-	207+78	4100.0	4100.0								
207+78	-	210+78		300.0								
210+78	-	239+63	2885.0	2885.0								
239+63	-	248+13		850.0								
248+13	-	394+36	14623.0	14623.0								
398+05	-	435+36	3731.0	3731.0								
437+64	-	467+61	2997.0	2997.0								
469+69	-	521+25	5156.0	5156.0								
127+00	-	272+38			3635						182	545
272+38	-	302+17			745						74	112
302+17	-	311+53			234						12	35
311+53	-	338+11			665						66	100
338+11	-	489+27			3779						189	567
489+27	-	511+83			564						56	85
511+83	-	518+50			167						8	25
518+50	-	521+25			69						6	10
I-39 SOUTHBOUND												
127+00	-	165+03	3803.0	3803.0								
167+26	-	206+85	3959.0	3959.0								
206+85	-	215+35		850.0								
215+35	-	246+30	3095.0	3095.0								
246+30	-	249+30		300.0								
249+30	-	394+49	14519.0	14519.0								
398+31	-	435+36	3705.0	3705.0								
437+64	-	467+39	2975.0	2975.0								
469+61	-	521+25	5164.0	5164.0								
127+00	-	272+38			3635						182	545
272+38	-	302+17			745						74	112
302+17	-	311+53			234						12	35
311+53	-	338+11			665						66	100
338+11	-	489+27			3779						189	567
489+27	-	511+83			564						56	85
511+83	-	518+50			167						8	25
518+50	-	521+25			69						6	10

FILE NAME = D468B71-sht-cover.dgn
Default

USER NAME = aubreys
PLOT SCALE = 1/99.9999' / in.
PLOT DATE = 1/22/2015

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3JRS	MARSHALL	113	21
CONTRACT NO. 68B71			ILLINOIS FED. AID PROJECT	

PERMANENT AND TEMPORARY PAVEMENT MARKING SCHEDULE												
GROOVING FOR RECESSED PAVEMENT MARKING			5"		7"	9"	13"	25"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE MARKER REMOVAL
THERMOPLASTIC PAVEMENT MARKING			4"		6"	8"	12"	24"			ONE WAY CRYSTAL	
LOCATION			WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE				
STATION	-	STATION	FOOT		FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	EACH	EACH
RAMP A - SB OFF RAMP TO IL 17												
EXIT TERMINAL											33	33
GORE											18	18
0+00	-	22+27	2226.7									
6+60	-	22+27		1567.0								
Intersection with IL 17						300.0	150.0	24.0	55.5	69.4		
RAMP B - NB ON RAMP TO I-39												
Entrance TERMINAL												
GORE												
0+00	-	21+79	2178.5									
0+00	-	10+00		1000.0								
Intersection with IL 17												
RAMP C - NB OFF RAMP TO IL 17												
EXIT TERMINAL											33	33
GORE											18	18
0+00	-	20+31	2030.6									
6+61	-	20+31		1369.7								
Intersection with IL 17						300.0	150.0	24.0	55.5	69.4		
RAMP D - SB ON RAMP TO I-39												
Entrance TERMINAL												
GORE												
0+00	-	21+76	2176.4									
0+00	-	10+25		1025.0								
Intersection with IL 17												
IL 17 WESTBOUND												
82+90	-	94+60	1170.0									
82+90	-	95+65		1275.0								
95+80	-	104+05	825.0									
96+10	-	104+06		796.0							13	
101+40	-	104+00				260.0			62.4	78.0		
104+40	-	115+90		1150.0								
105+55	-	115+90	1035.0									

PERMANENT AND TEMPORARY PAVEMENT MARKING SCHEDULE												
GROOVING FOR RECESSED PAVEMENT MARKING			5"	7"	9"	13"	25"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE MARKER REMOVAL	
THERMOPLASTIC PAVEMENT MARKING			4"	6"	8"	12"	24"			ONE WAY CRYSTAL		
LOCATION			WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE				
STATION	-	STATION	FOOT		FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	EACH	EACH
IL 17 EASTBOUND												
82+90	-	94+40	1150.0									
82+90	-	95+65		1275.0								
95+90	-	104+25	835.0									
96+10	-	104+06		796.0							13	
96+00	-	98+80			280.0			62.4	78.0			
104+40	-	115+90		1150.0								
105+40	-	115+90	1050.0								2	
109+60	-	111+40			180.0			31.2	39.0			
TOTAL			89144	88171	19713	4745	682	48	267	334	1316	3059

TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL DAYS
JOBSITE	10
TOTAL	10

TRAINEES	
LOCATION	HOUR
JOBSITE	1000
TOTAL	1000

TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	
LOCATION	EACH
JOBSITE	8
TOTAL	8

MOBILIZATION	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

CHANGEABLE MESSAGE SIGN		
LOCATION	NO. OF SIGNS	CAL DAYS
RAMP A, B, C, & D	4 @ 2 days each	8
I-39	2 @ 28 days each	56
TOTAL		64

TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	CAL MO
JOBSITE	14
TOTAL	14

RAILROAD PROTECTIVE LIABILITY INSURANCE	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	
LOCATION	EACH
JOBSITE	4
TOTAL	4

SPEED DISPLAY TRAILER	
LOCATION	CAL MO
JOBSITE	8
TOTAL	8

TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

MOWING	
LOCATION	ACRE
JOBSITE	170
TOTAL	170

TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

CONSTRUCTION STATION LAYOUT	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

CONSTRUCTION LAYOUT	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

OUTSIDE SHOULDER JOINTS TO BE GROUTED *				STRIP REFLECTIVE CRACK CONTROL TREATMENT	
STATION	-	STATION	LENGTH (FT)	LENGTH (FT)	

SOUTHBOUND LANES					
LT	154+00	-	165+03	1103	1103
LT	166+70	-	167+26	56	0
LT	167+26	-	186+50	1924	1924
LT	200+00	-	219+00	1900	1900
LT	243+00	-	253+00	1000	1000
LT	388+00	-	394+49	649	649
LT	394+49	-	395+71	122	0
LT	397+00	-	398+31	131	0
LT	398+31	-	406+50	819	819
LT	429+50	-	435+36	586	586
LT	435+36	-	436+02	66	0
LT	436+98	-	437+64	66	0
LT	437+64	-	438+00	36	36
LT	465+00	-	467+39	239	239
LT	467+39	-	468+15	76	0
LT	468+95	-	469+61	66	0
LT	469+61	-	470+50	89	89
			SUBTOTAL	8928	8345

NORTHBOUND LANES					
RT	157+00	-	164+55	755	755
RT	164+55	-	165+13	58	0
RT	166+78	-	168+07	129	0
RT	168+07	-	180+00	1193	1193
RT	389+50	-	394+36	486	486
RT	394+36	-	395+64	128	0
RT	396+78	-	398+05	127	0
RT	398+05	-	402+00	395	395
RT	431+00	-	435+36	436	436
RT	435+36	-	436+02	66	0
RT	436+98	-	437+64	66	0
RT	437+64	-	440+50	286	286
RT	466+00	-	467+61	161	161
RT	467+61	-	468+27	66	0
RT	469+02	-	469+69	67	0
RT	469+69	-	473+00	331	331
			SUBTOTAL	4750	4043
			TOTAL	13678.00	12388.00

* FINAL LOCATIONS TO BE DETERMINED BY RESIDENT ENGINEER (PAID FOR PER ARTICLE 109.04)

SCHEDULE OF EARTHWORK QUANTITIES							
LOCATION			EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)	TOPSOIL FURNISH & PLACE, 4"
STA	TO	STA	CU YD	CU YD	CU YD	CU YD	SQ YD
I-39 NORTHBOUND							
179+50	TO	190+00	767.63	575.72	40.19	535.54	4666.67
190+00	TO	201+00	1763.43	1322.57	0.00	1322.57	4888.89
211+50	TO	218+50	35.01	26.26	237.07	-210.81	3111.11
I-39 SOUTHBOUND							
181+50	TO	190+00	117.59	88.19	59.44	28.75	3777.78
190+00	TO	199+50	1595.95	1196.97	1.32	1195.64	4222.22
215+50	TO	220+50	179.80	134.85	0.00	134.85	2222.22
		TOTAL	4459.4	3344.6	338.0	3006.5	22888.9

LOCATION				GRADING AND SHAPING DITCHES
STA	TO	STA	REMARK	FOOT
I-39 NORTHBOUND				
200+50	TO	211+93		1143.00
I-39 SOUTHBOUND				
199+00	TO	216+00	STA 216+00 = STA 12+70 Ramp D	1700.00
		TOTAL		2843

CLEAN EXISTING CULVERT ENDS
STA 129+00 (NB)
STA 154+50 (NB & SB)
STA 179+80 (NB & MEDIAN)
STA 192+00 (NB)
STA 211+03 (NB)
STA 241+50 (NB)
STA 284+00 (SB)
STA 8+55 (RAMP B)
STA 12+20 (RAMP B)
* FINAL LOCATIONS TO BE DETERMINED BY RESIDENT ENGINEER (PAID FOR PER ARTICLE 109.04)

SHORT TERM PAVEMENT MARKING							WORK ZONE PAVEMENT MARKING REMOVAL
LOCATION		LENGTH	DASH	SKIP	SHOULDER DIAGONALS	x3 APPS	SQ FT
SB I 39							
127+00	TO	521+25	39425	3942.5	7885	35482.5	3903.1
SN 062-0051		STAGE I					2069.0
		STAGE II					2328.0
SN 062-0045		STAGE I					2241.0
		STAGE II					2385.0
		SUB TOTAL				35482.5	
NB I 39							
127+00	TO	521+25	39425	3942.5	7885	35482.5	3903.1
SN 062-0052		STAGE I					2069.0
		STAGE II					2328.0
SN 062-0046		STAGE I					2214.0
		STAGE II					2324.0
		SUB TOTAL				35482.5	
						x1 APPS	
Ramp A							
0+00	TO	22+27	2226.69	0	356.3	356.3	39.2
Ramp B							
0+00	TO	21+79	2178.52	0	348.6	348.6	38.3
Ramp C							
0+00	TO	20+31	2030.59	0	324.9	324.9	35.7
Ramp D							
0+00	TO	21+76	2176.42	0	348.2	348.2	38.3
		SUB TOTAL				1378.0	
						x2 APPS	
IL 17							
82+90	TO	98+65	1575	157.5	126.0	567.0	62.4
101+65	TO	115+90	1425	142.5	114.0	513.0	56.4
		SUB TOTAL				1080.0	
		TOTAL				73423.0	26034.53

CLASS A PATCHES 10" (SPECIAL)									
LOCATION	REMARKS	WIDTH	LENGTH	TYPE II	TYPE III	TYPE IV	TIE	PATCHING	SAW
		FOOT	FOOT	10"	10"	10"	BARS	REINFORCEMENT	CUTS
		SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	SQ YD	FOOT
MARSHALL COUNTY									
NORTHBOUND LANES									
* STA 127+00 TO 127+80	DRIVING LANE	12	80			107	40	107	288
* STA 127+00 TO 127+80	PASSING LANE	12	80			107	80	107	288
* STA 520+45 TO 521+25	DRIVING LANE	12	80			107	40	107	288
* STA 127+00 TO 127+80	PASSING LANE	12	80			107	80	107	288
STA 179+50	DRIVING LANE	12	100			133	100	133	348
STA 186+30	DRIVING LANE	12	40			53	40	53	168
STA 192+00	DRIVING LANE	12	20		27		20	27	108
RAMP STA 5+00	RAMP C	8	4	4				4	44
STA 214+50	DRIVING LANE	12	50			67	50	67	198
STA 383+50	DRIVING LANE	12	6	8				8	66
STA 383+60	DRIVING LANE	12	6	8				8	66
STA 385+00	DRIVING LANE	12	6	8				8	66
STA 386+00	DRIVING LANE	12	6	8				8	66
STA 388+00	DRIVING LANE	12	6	8				8	66
STA 388+50	DRIVING LANE	12	6	8				8	66
SOUTHBOUND LANES									
* STA 127+00 TO 127+80	DRIVING LANE	12	80			107	40	107	288
* STA 127+00 TO 127+80	PASSING LANE	12	80			107	80	107	288
* STA 520+45 TO 521+25	DRIVING LANE	12	80			107	40	107	288
* STA 127+00 TO 127+80	PASSING LANE	12	80			107	80	107	288
STA 181+00	DRIVING LANE	12	8	11				11	72
STA 181+50	DRIVING LANE	12	6	8				8	66
STA 185+50	DRIVING LANE	12	150			200	150	200	498
STA 192+00	DRIVING LANE	12	50			67	50	67	198
STA 251+50	DRIVING LANE	12	6	8				8	66
STA 271+50	DRIVING LANE	12	15	20				20	93
SUBTOTAL				98	27	1373	890	1498	4559
WINTER BREAK-UP ADD 20% - TOTAL				118	32	1648	1068	1798	5471

* SEE BUTT JOINT DETAIL # 1
 Note: Existing Reinforcement Consists of # 7 Bars

CLASS B PATCHES 10"				
LOCATION	REMARKS	TYPE II	DOWEL	SAW
		10"	BARS	CUTS
		SQ YD	EACH	FOOT
MARSHALL COUNTY				
RAMP A	@ IL 17 INTERSECTION	21.3	28	164
RAMP B	@ IL 17 INTERSECTION	21.3	28	164
RAMP C	@ IL 17 INTERSECTION	21.3	28	164
RAMP D	@ IL 17 INTERSECTION	21.3	28	164
TOTAL		85	112	656

PARTIAL DEPTH PATCHING						
IL 17 LOCATION			LENGTH	WIDTH	NUMBER OF	TON
STATION	TO	STATION	FOOT	FOOT	PATCHES	
EB LANE						
82+90	-	115+90	4	12	26	16
WB LANE						
82+90	-	115+90	4	12	24	14
TOTAL						30

MEDIAN REMOVAL PARTIAL DEPTH			
LOCATION			(SQ FT)
88+30	TO	90+43	1005
109+56	TO	111+70	1005
TOTAL			2010

PARTIAL DEPTH PATCHING (SPECIAL)						
IL 17 LOCATION			LENGTH	WIDTH	NUMBER OF	SQ YD
STATION	TO	STATION	FOOT	FOOT	PATCHES	
EB LANE						
82+90	-	115+90	4	12	26	139
WB LANE						
82+90	-	115+90	4	12	24	128
TOTAL						267

SLOPE WALL SLURRY PUMPING	
LOCATION	CU YD
SN 062-0051	40
SN 062-0052	70
TOTAL	110

DECK SLAB REPAIR (PARTIAL)	
LOCATION	SQ YD
SN 062-0040	2
SN 062-0041	2
SN 062-0042	2
SN 062-0043	2
SN 062-0051	4
SN 062-0052	4
TOTAL	16

CLASS D PATCHES 10" (SPECIAL)					
LOCATION	REMARKS	WIDTH	LENGTH	TYPE II 10"	
		FOOT	FOOT	SQ YD	SQ YD
MARSHALL COUNTY					
NORTHBOUND LANES					
STA 164+52	SN 062-0052	12	6	8	8
STA 168+10	SN 062-0052	12	6	8	8
STA 394+33	SN 062-0046	12	6	8	8
STA 398+08	SN 062-0046	12	6	8	8
SOUTHBOUND LANES					
STA 163+72	SN 062-0051	12	6	8	8
STA 167+29	SN 062-0051	12	6	8	8
STA 394+46	SN 062-0045	12	6	8	8
STA 398+34	SN 062-0045	12	6	8	8
SUBTOTAL				64	64
TOTAL				128	128

* SEE DETAIL: WIDE FLANGE BEAM JOINT REMOVAL / CLASS D PATCHES (SPECIAL)

STAGING SCHEDULE							
LOCATION		TEMPORARY	RELOCATE	IMPACT	IMPACT	PAVEMENT	PAVEMENT
		CONCRETE	TEMPORARY	ATTENUATORS,	ATTENUATORS,	MARKING TAPE.	MARKING
		BARRIER	CONCRETE	TEMPORARY (NON-	RELOCATE (NON-	TYPE III 4"	REMOVAL
		FOOT	BARRIER	REDIRECTIVE),	REDIRECTIVE),		
				TEST LEVEL 3	TEST LEVEL 3		
				EACH	EACH	FOOT	SQ FT
SN 062-0051	STAGE I	365		1		2069.0	236.3
	STAGE II	12.5	365		1	2328.0	133.3
SN 062-0052	STAGE I	365		1		2069.0	236.3
	STAGE II	12.5	365		1	2328.0	133.3
SN 062-0045	STAGE I	329		1		2241.0	272.9
	STAGE II	12.5	329		1	2385.0	150.0
SN 062-0046	STAGE I	315		1		2214.0	297.9
	STAGE II	12.5	315		1	2324.0	150.0
TOTAL		1424	1374	4	4	17958	1610

FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 8	OF 8 SHEETS	STA. TO STA.

F.A.I. RTE. 39	SECTION 62-[2,3]RS	COUNTY MARSHALL	TOTAL SHEETS 113	SHEET NO. 25
CONTRACT NO. 68B71			ILLINOIS FED. AID PROJECT	

Resurfacing Table

Location	Length	Width		Area	** POLY BITUMINOUS MATERIALS (PRIME COAT)	POLY HMA BINDER COURSE, STONE MATRIX ASPHALT, N80 2"	POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"	POLY HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 2"	HMA BINDER COURSE, IL-9.5, N50	HMA SURFACE COURSE, MIX "C", N50	POLY HMA SURFACE COURSE, MIX "E", N70	HOT-MIX ASPHALT SHOULDERS	AGGREGATE SHOULDERS, TYPE B	MATERIAL TRANSFER DEVICE	SHOULDER RUMBLE STRIPS, 16 INCH	INCIDENTAL HOT - MIX ASPHALT SURFACING		
		Roadway	Shoulder														ML	
		RT	LT														SQ YD	
STA	-	STA	FOOT	FOOT	FOOT	FOOT	LB	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	
I-39 NB																		
127+00	-	127+80	80		10	6	96.0								39.8	22.8	160.0	
127+80	-	164+55	3675	24	10	6	9800	13230.0	1097.6	548.8	1097.6				1829.3	1046.4	2744.0	7350.0
S.N. 062-0052			overlay Bridge Omission															
168+07	-	394+36	22629	24	10	6	60344	54309.6	6758.5	3379.3	6758.5				11264.2	6443.0	16896.3	45258.0
S.N. 062-0046			overlay Bridge Omission															
398+05	-	435+36	3731	24	10	6	9949	8954.4	1114.3	557.2	1114.3				1857.2	1062.3	2785.8	7462.0
S.N. 062-0043			overlay Bridge Omission															
437+64	-	467+61	2997	24	10	6	7992	7192.8	895.1	447.6	895.1				1491.8	853.3	2237.8	5994.0
S.N. 062-0041			overlay Bridge Omission															
469+69	-	520+45	5076	24	10	6	13536	12182.4	1516.0	758.0	1516.0				2526.7	1445.3	3790.0	10152.0
520+45	-	521+25	80		10	6		96.0							39.8	22.8		160.0
SUBTOTAL							96061.2	11381.5	5690.9	11381.5	0.0	0.0	0.0	19048.8	10895.8	28453.9	76536.0	0.0

I-39 SB																		
127+00	-	127+80	80		10	6	96.0								39.8	22.8	160.0	
127+80	-	165+03	3723	24	10	6	9928	13402.8	1111.9	556.0	1111.9				1853.2	1060.0	2779.8	7446.0
S.N. 062-0051			overlay Bridge Omission															
167+26	-	394+49	22723	24	10	6	60595	81802.8	6786.6	3393.3	6786.6				11311.0	6469.7	16966.5	45446.0
S.N. 062-0045			overlay Bridge Omission															
398+31	-	435+36	3705	24	10	6	9880	13338.0	1106.6	553.3	1106.6				1844.3	1054.9	2766.5	7410.0
S.N. 062-0042			overlay Bridge Omission															
437+64	-	467+39	2975	24	10	6	7933	10710.0	888.5	444.3	888.5				1480.9	847.0	2221.3	5950.0
S.N. 062-0040			overlay Bridge Omission															
469+61	-	520+45	5084	24	10	6	13557	18302.4	1518.4	759.2	1518.4				2530.7	1447.5	3796.0	10168.0
520+45	-	521+25	80		10	6		96.0							39.8	22.8		160.0
SUBTOTAL							137748.0	11412.0	5706.1	11412.0	0.0	0.0	0.0	19099.7	10924.8	28530.1	76740.0	0.0

Median Crossovers																	
		192+31					190	128.3							31.9	21.3	
		264+00					190	128.3							31.9	21.3	
		514+00					190	128.3							31.9	21.3	
SUBTOTAL							384.8	0.0	0.0	0.0	95.7	63.9	0.0	0.0	0.0	0.0	0.0

Ramp A																		
0+00	-	3+00	300	Varies	6	0	316	232.0							35.3	22.4	25.6	35.3
3+00	-	21+00	1800	16	6	4	3200	1980.0							358.4	224.0	153.8	358.4
21+00	-	21+96	96	Varies	6	4	444	228.8							49.8	11.9	8.2	49.8

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Reinforcement bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

The deck surface shall have its final finish lined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

The Contractor shall use extreme care during concrete removal so as not to damage the PPC I-Beam.

PROPOSED DESIGN STRESSES

FIELD UNITS
 f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)

EXISTING DESIGN STRESSES

FIELD UNITS
 f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)

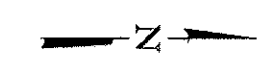
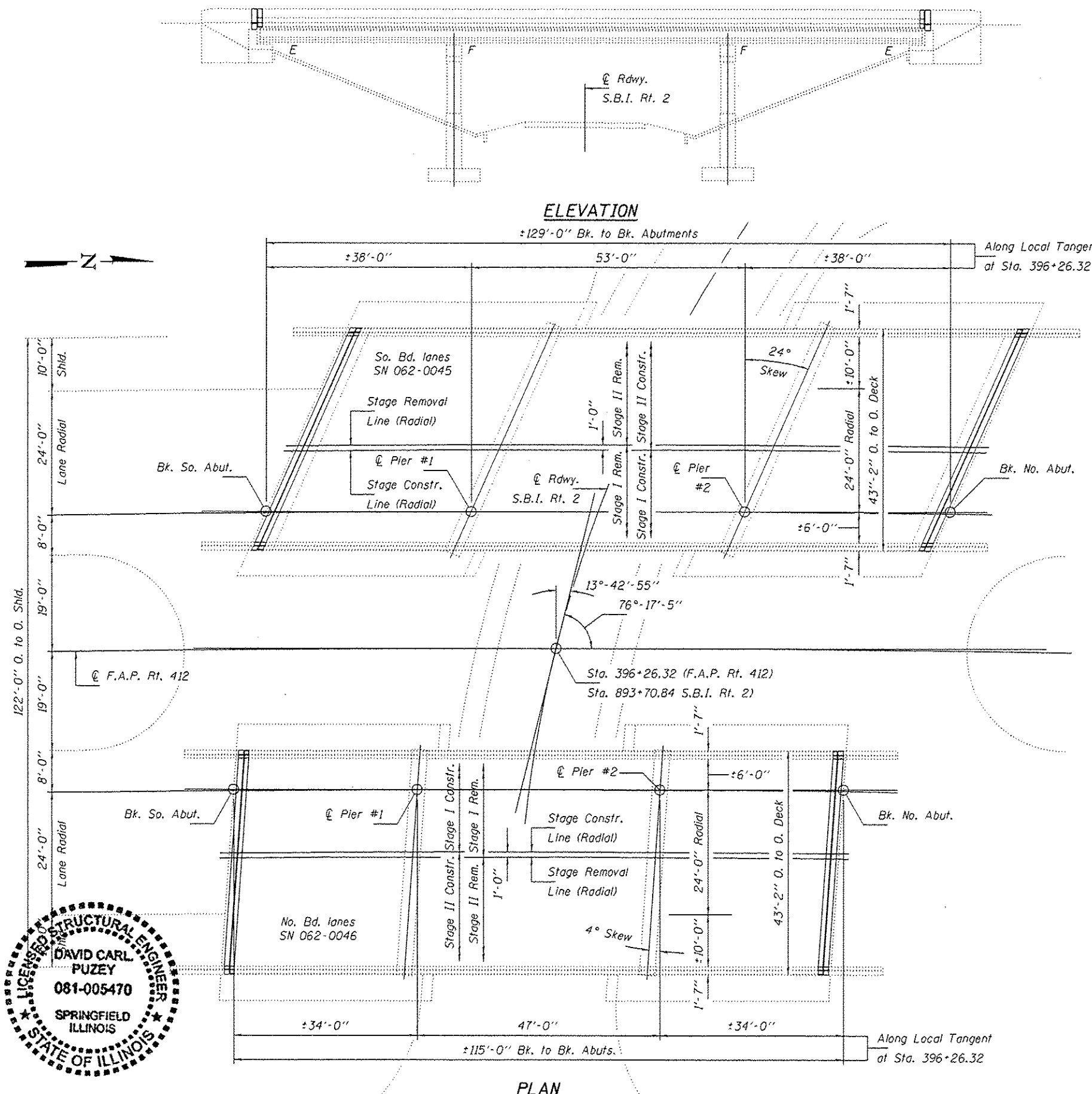
PRECAST PRESTRESSED UNITS

f'c = 5,000 psi
 f'cl = 4,000 psi (Spans 1 & 3)
 f's = 270,000 psi (1/2" φ strands)
 f'si = 189,000 psi (1/2" φ strands)

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	15.2
Concrete Superstructure	Cu. Yd.	14.5
Preformed Joint Strip Seal	Foot	177
Reinforcement Bars, Epoxy Coated	Pound	2420
Bar Splicers	Each	32
Protective Coat	Sq. Yd.	20.1

* On new concrete only.



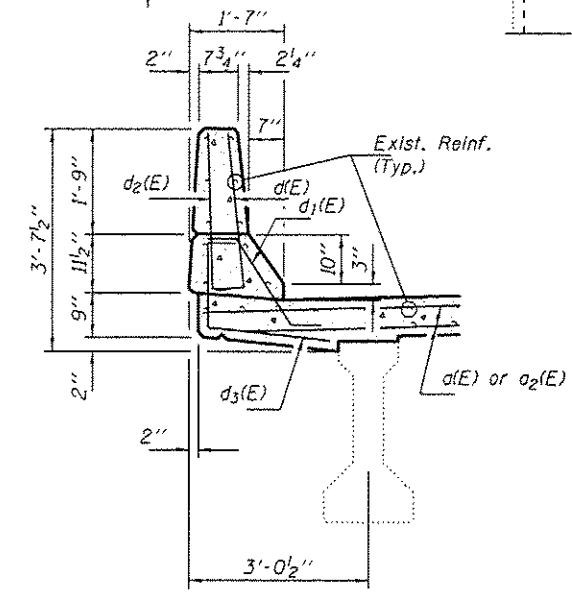
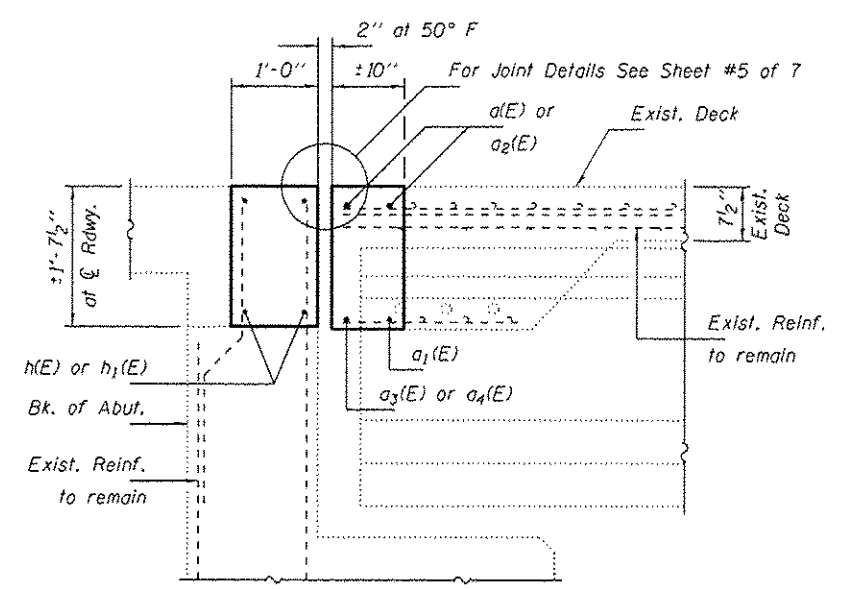
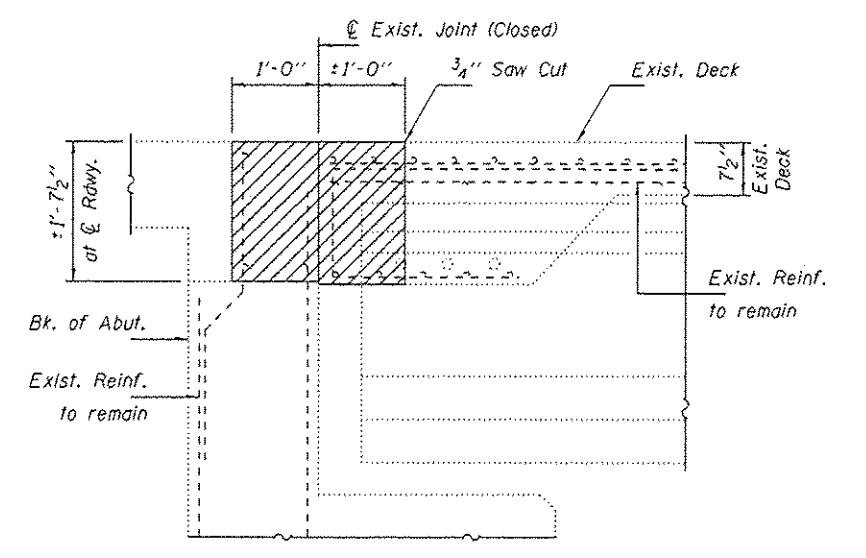
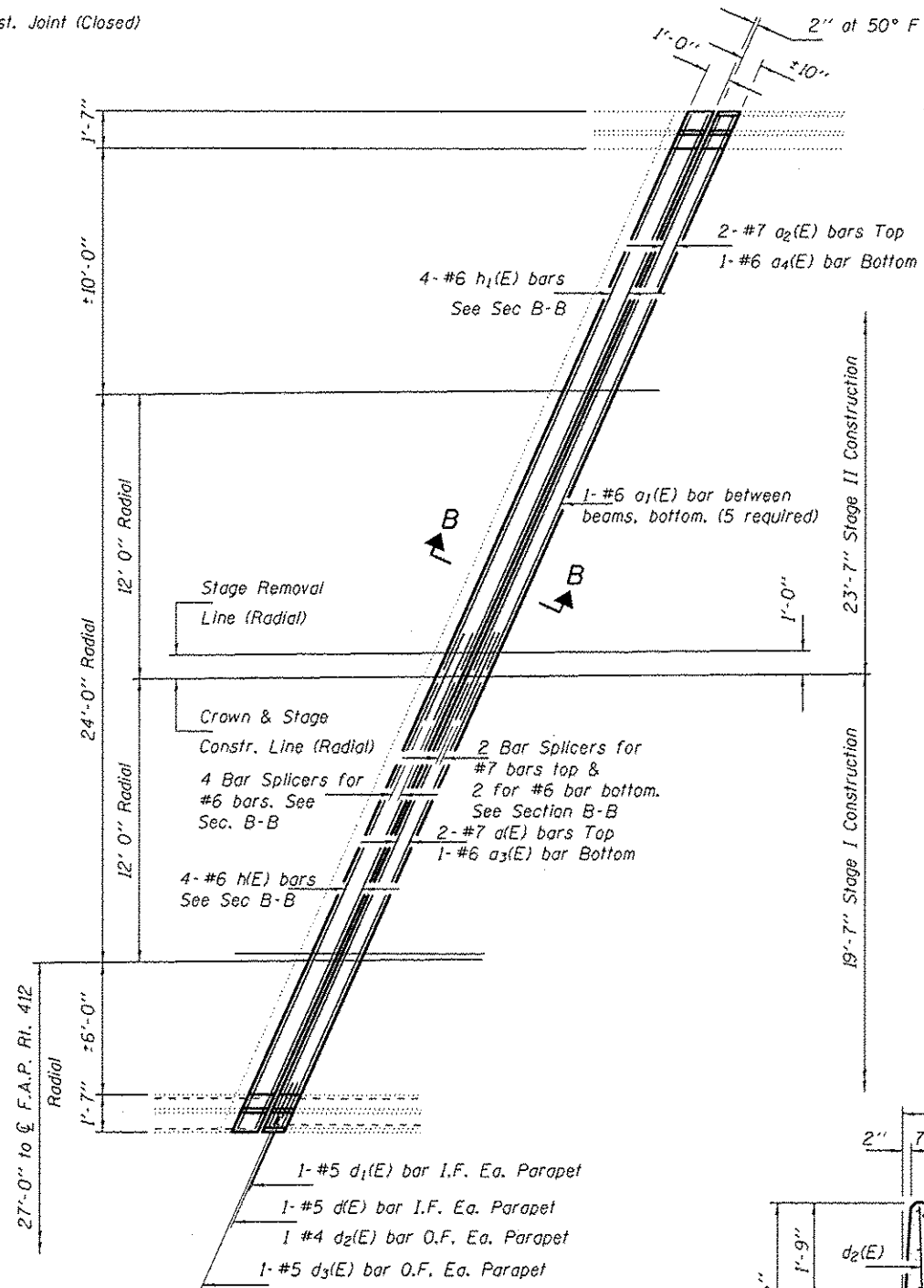
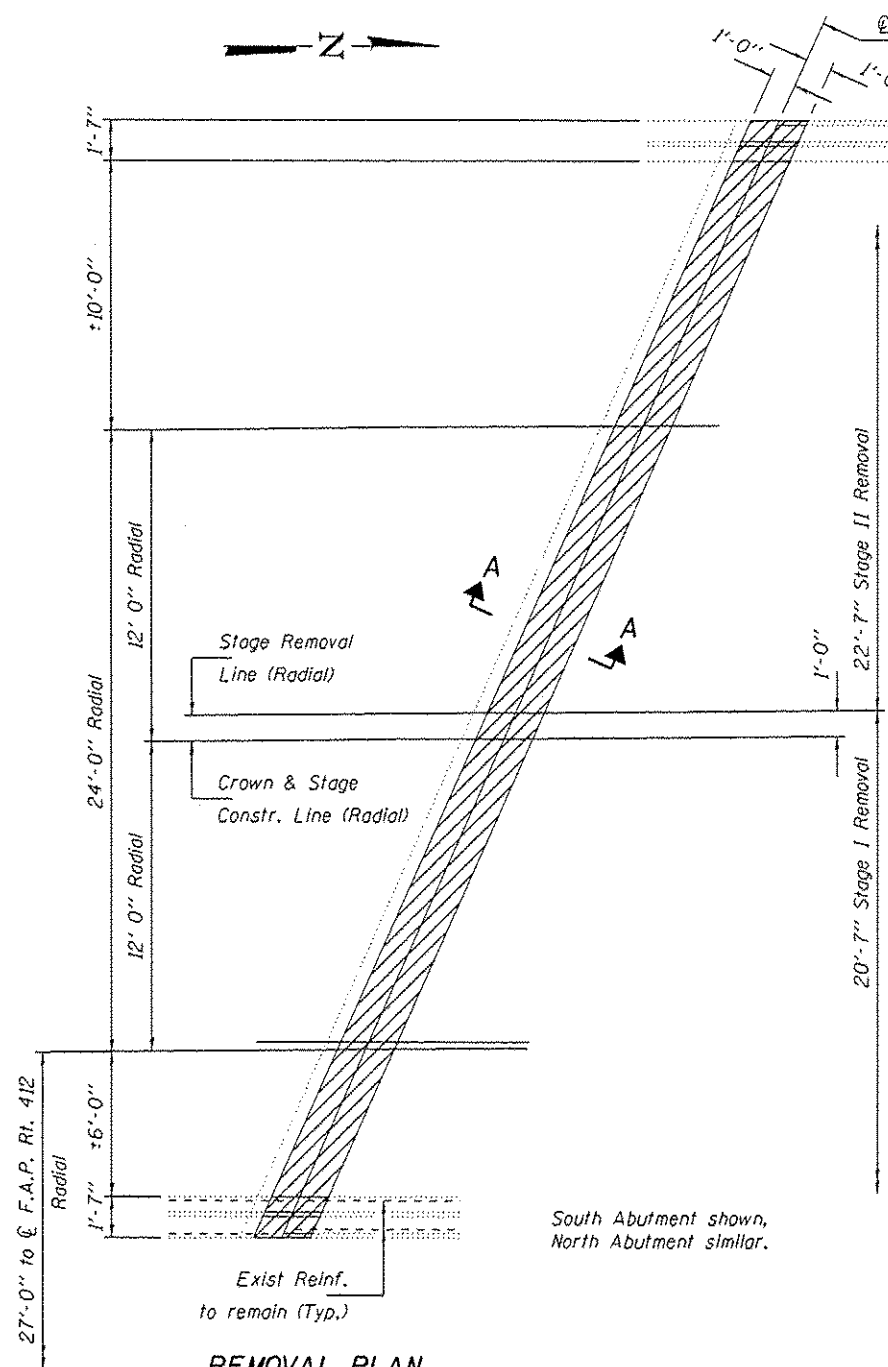
DESIGNED	<i>Stephan M. Ryan</i>	DATE	March 16, 2015
CHECKED	<i>Stephan M. Ryan</i>	REVISED	
DRAWN	J. Schneller	REVISOR	
CHECKED	<i>SMR</i>		

PASSED *David Carl Puzey*
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

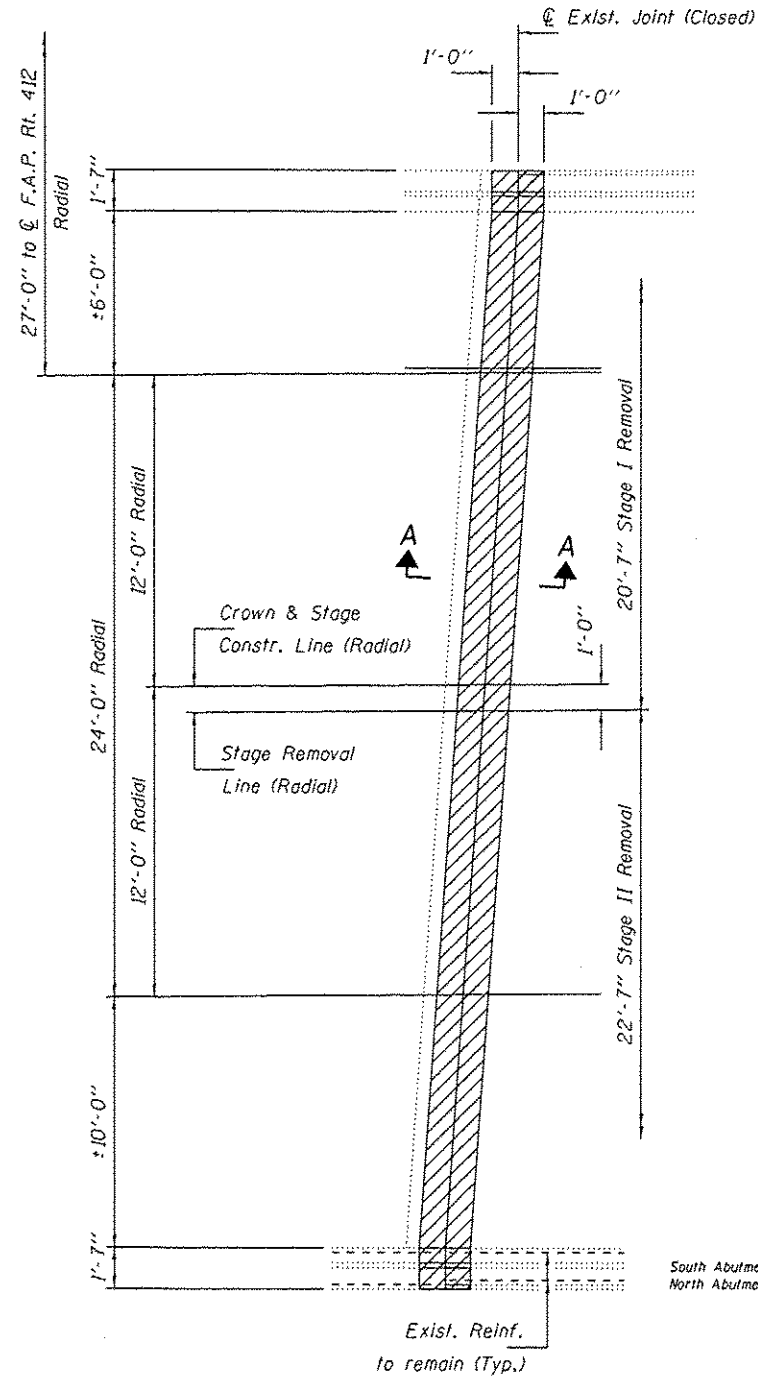
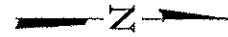
PLAN & ELEVATION
 F.A.P. RT. 412 OVER S.B.I. RT. 2 (FRONTAGE RD.)
 SN 062-0045 & 062-0046
 SHEET NO. 1 OF 1 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,31RS	MARSHALL	113	28
CONTRACT NO. 68871				
ILLINOIS FED. AID PROJECT				

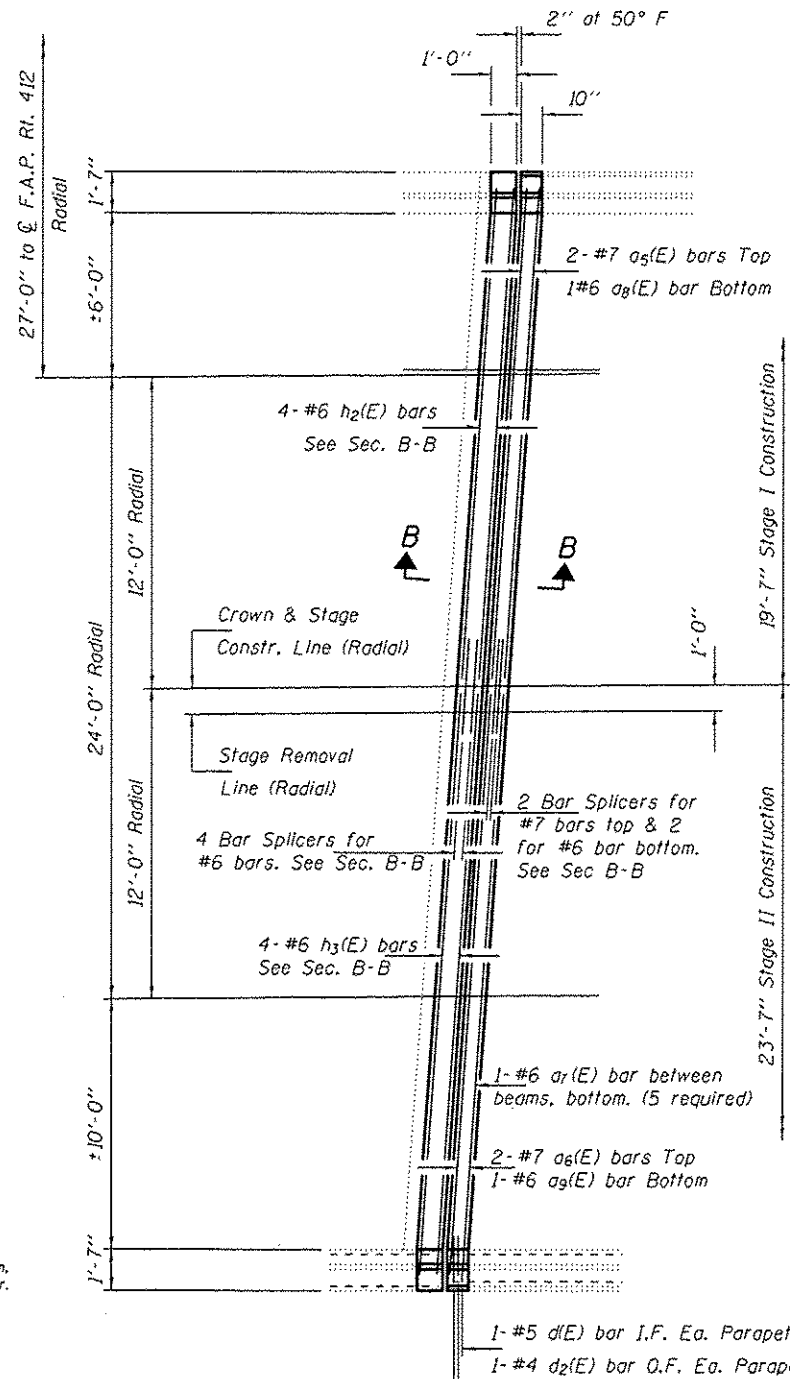


Notes
For Cross Section, Bar Details and Bill of Material see sheet #4 of 7.

DESIGNED SMR	DATE March 16, 2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINT REPAIR DETAILS SO. BD. LANES SN 062-0045		F.A. RTE. 39	SECTION 62-12.3JRS	COUNTY MARSHALL	TOTAL SHEETS 113	SHEET NO. 29
CHECKED CCC	REVISED		SHEET NO. 2 OF 1 SHEETS		CONTRACT NO. 68B71				
DRAWN J. Schneller	REVISED		ILLINOIS FED. AID PROJECT						
CHECKED SMR CCC	ACTING ENGINEER OF BRIDGES AND STRUCTURES								

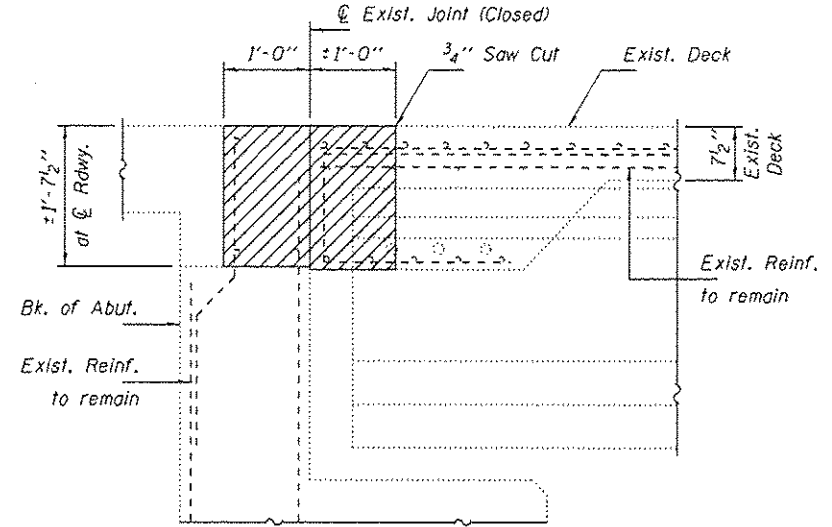


REMOVAL PLAN

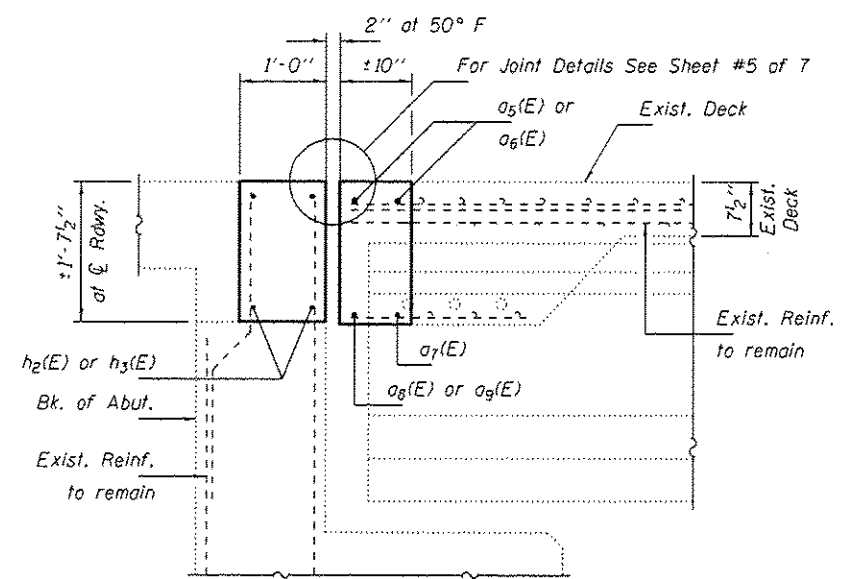


REPLACEMENT PLAN

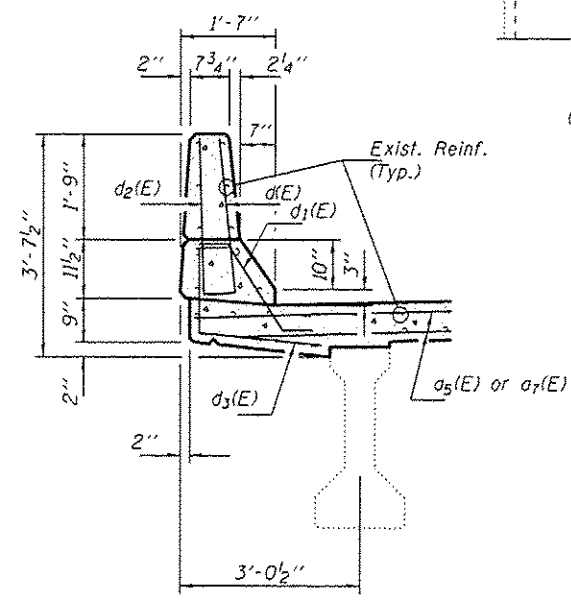
South Abutment shown,
North Abutment similar.



SECTION A-A
(Near CL Rdwy. at Rt. Ls.)



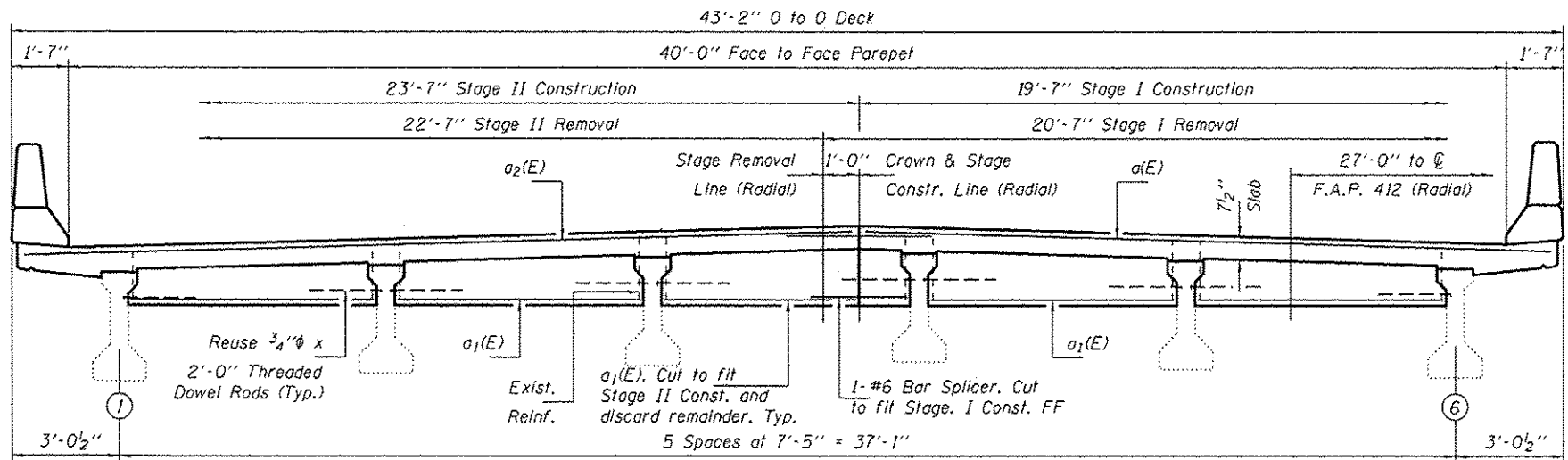
SECTION B-B
(Near CL Rdwy. at Rt. Ls.)



SECTION THRU PARAPET

Notes
For Cross Section, Bar Details and
Bill of Material see sheet #4 of 7.

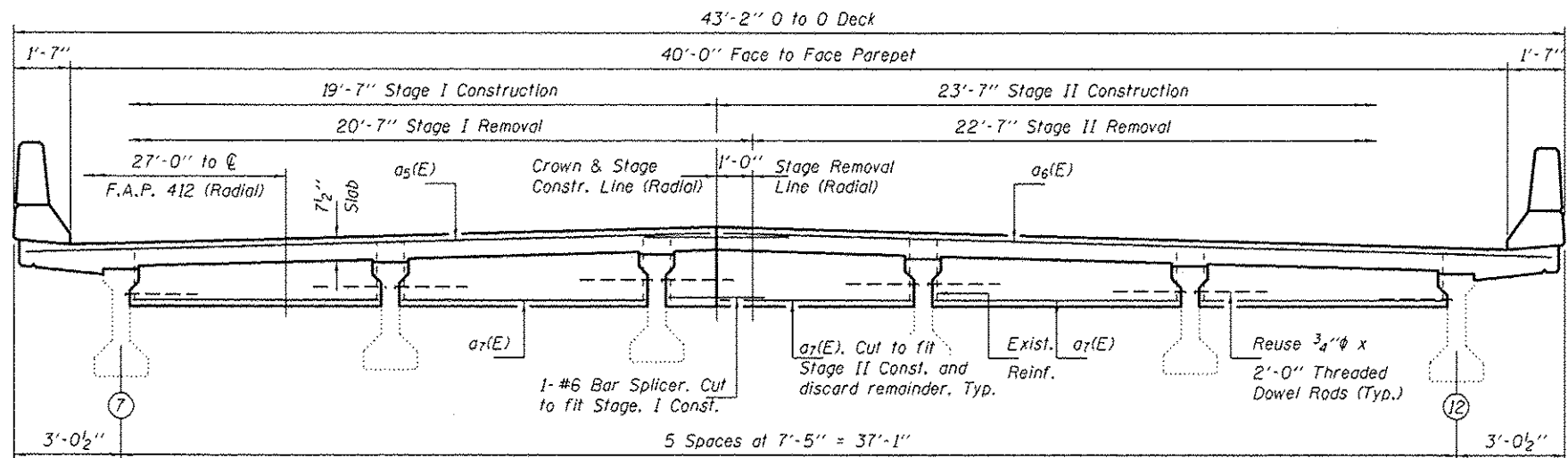
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CHECKED CCC	REVISOR			SHEET NO. 3 OF 7 SHEETS		CONTRACT NO. 68B71		ILLINOIS FED. AID PROJECT		
DRAWN J. Schneller	PASSED <i>[Signature]</i> ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISOR								
CHECKED SMR CCC		REVISOR								



*** CROSS SECTION SO. BD. LANES**

(Looking North)

* Bars $a_3(E)$ & $a_4(E)$ and #6 bar splicer BF not shown for clarity. See Sec. B-B on sheet 2 of 7 for location.



**** CROSS SECTION NO. BD. LANES**

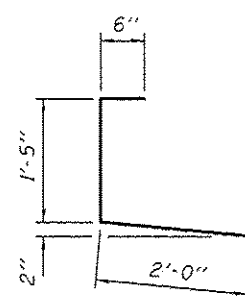
(Looking North)

** Bars $a_8(E)$ & $a_9(E)$ and #6 bar splicer BF not shown for clarity. See Sec. B-B on sheet 3 of 7 for location.

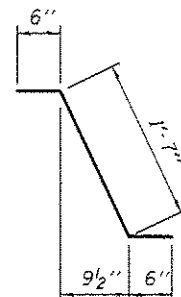
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$a_1(E)$	4	#7	20'-9"	—
$a_1(E)$	10	#6	7'-4"	—
$a_2(E)$	4	#7	25'-2"	—
$a_3(E)$	2	#6	20'-9"	—
$a_4(E)$	2	#6	25'-2"	—
$a_5(E)$	4	#7	19'-1"	—
$a_6(E)$	4	#7	23'-1"	—
$a_7(E)$	10	#6	6'-9"	—
$a_8(E)$	2	#6	19'-1"	—
$a_9(E)$	2	#6	23'-1"	—
$d(E)$	16	#5	3'-0"	┌
$d_1(E)$	16	#5	2'-7"	└
$d_2(E)$	16	#4	3'-0"	┌
$d_3(E)$	16	#4	3'-11"	└
$h(E)$	8	#6	20'-9"	—
$h_1(E)$	8	#6	25'-2"	—
$h_2(E)$	8	#6	19'-1"	—
$h_3(E)$	8	#6	23'-1"	—
Concrete Removal		Cu. Yd.	15.2	
Concrete Superstructure		Cu. Yd.	14.5	
Reinforcement Bars, Epoxy Coated		Lbs.	2420	

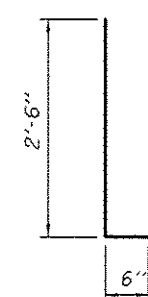
Bars Indicated thus 1 x 2-#5 etc. Indicates 1 line of bars with 2 lengths per line.



BAR $d_3(E)$



BAR $d_1(E)$



BARS $d(E)$ & $d_2(E)$

DESIGNED SMR
CHECKED CCC
DRAWN J. Schneller
CHECKED SMR CCC

PASSED
ACTING ENGINEER OF BRIDGES AND STRUCTURES

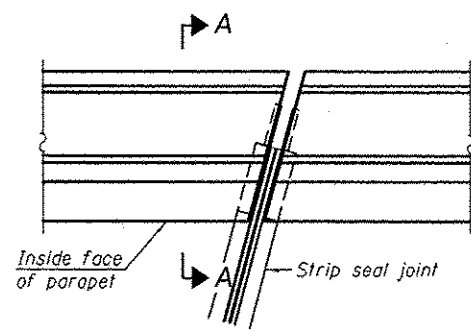
DATE March 16, 2015
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

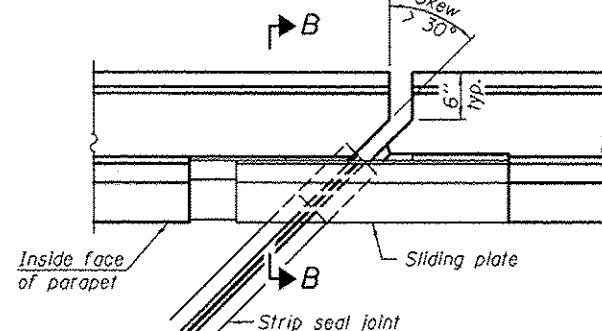
REPAIR DETAILS
SN 062-0045 & 062-0046

SHEET NO. 4 OF 7 SHEETS

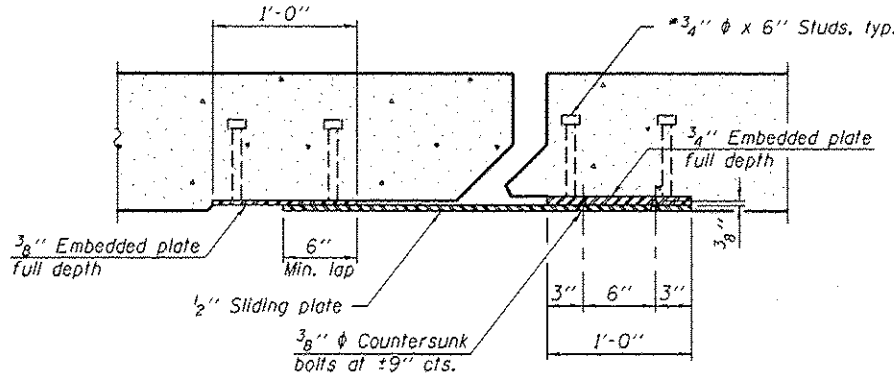
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3JRS	MARSHALL	113	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68871	



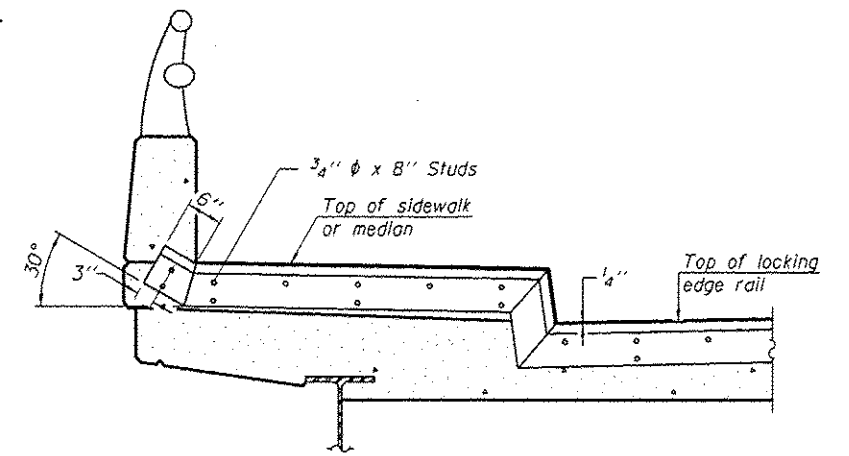
PLAN
(For skews ≤ 30°)



PLAN
(For skews > 30°)
Showing point block

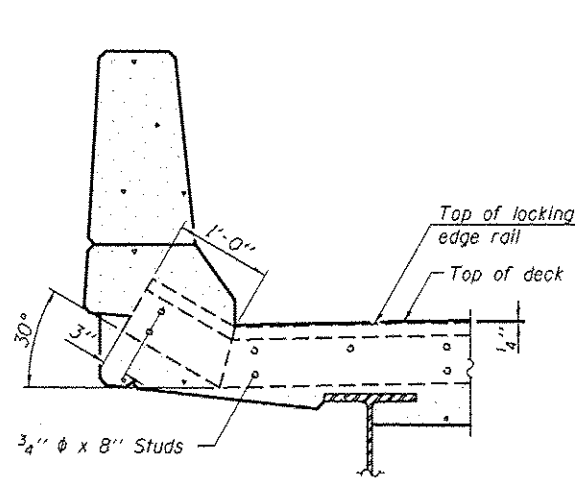


SECTION C-C

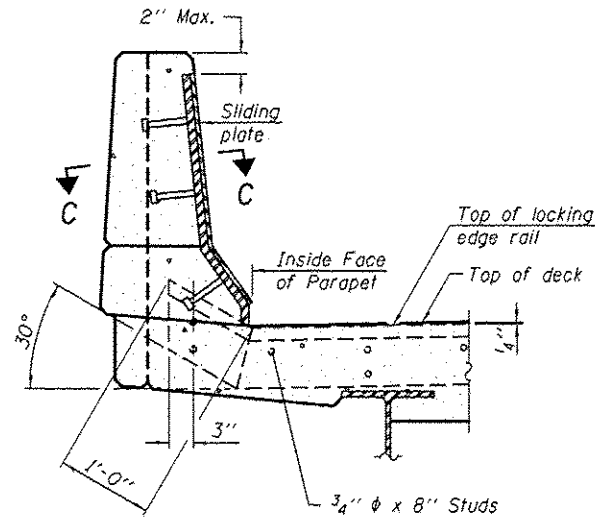


TYPICAL END TREATMENT AT SIDEWALK OR MEDIAN

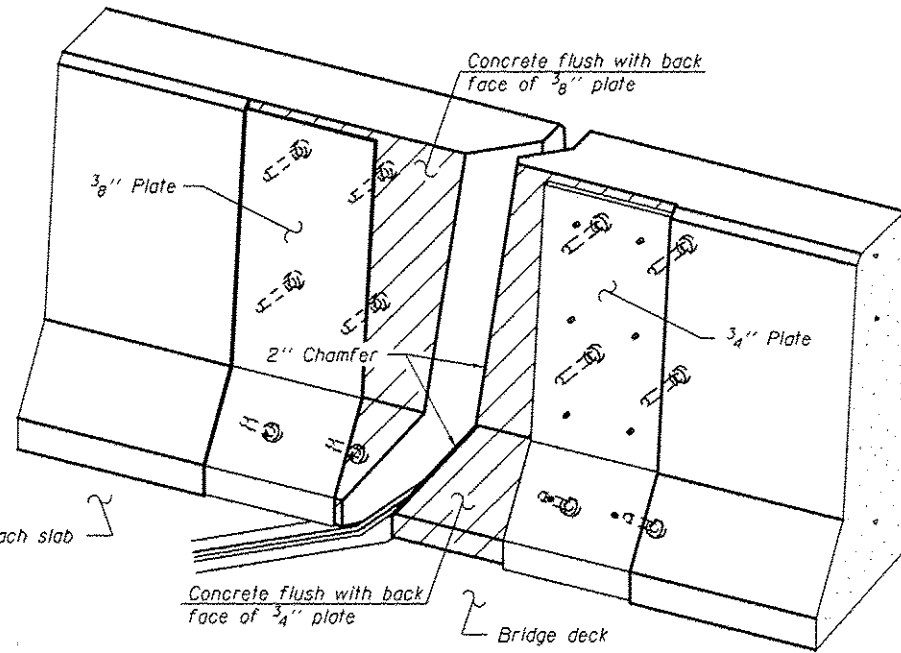
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.



SECTION A-A



SECTION B-B



TRIMETRIC VIEW
(Showing back plates only)

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities.

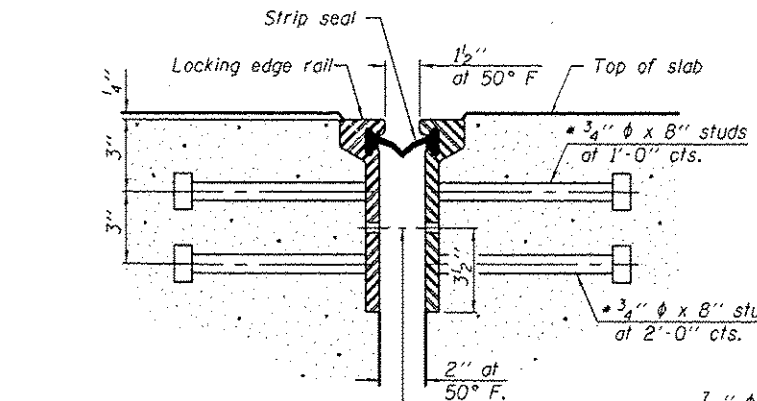
The manufacturer's recommended installation methods shall be followed.

The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

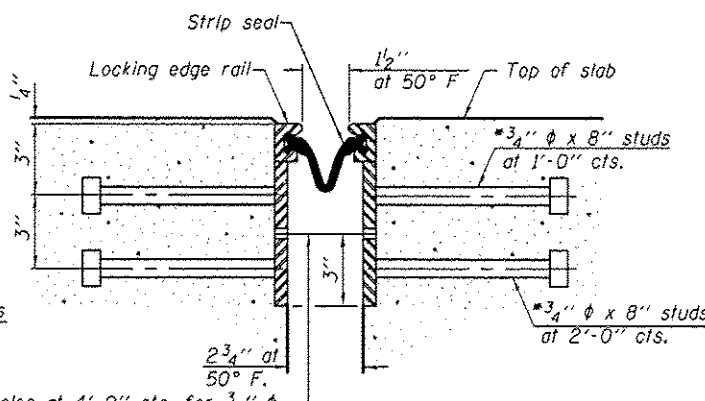
Maximum space between rail segments shall be 3/16", sealed with a suitable sealant. Joints in rails within 10 ft. of curbs shall be welded.

Parapet plates and anchorage studs for skews > 30° included in the cost of Preformed Joint Strip Seal.



SECTION THRU ROLLED RAIL JOINT

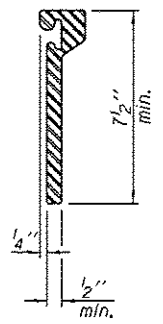
7/16" φ holes at 4'-0" cts. for 3/8" φ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.



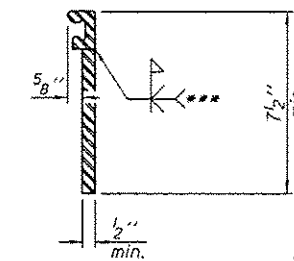
SECTION THRU WELDED RAIL JOINT

7/16" φ holes at 4'-0" cts. for 3/8" φ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

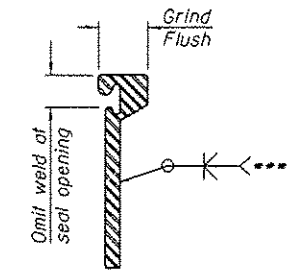
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



ROLLED EXTRUDED RAIL



WELDED RAIL



LOCKING EDGE RAIL SPLICE

*** Back gouge not required if complete joint penetration is verified by mock-up.

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

LOCKING EDGE RAILS

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	177

EJ-SSJ

1-27-12

DESIGNED SMR
CHECKED CCC
DRAWN J. Schneller
CHECKED SMR CCC

PASSED

ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE March 16, 2015

REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

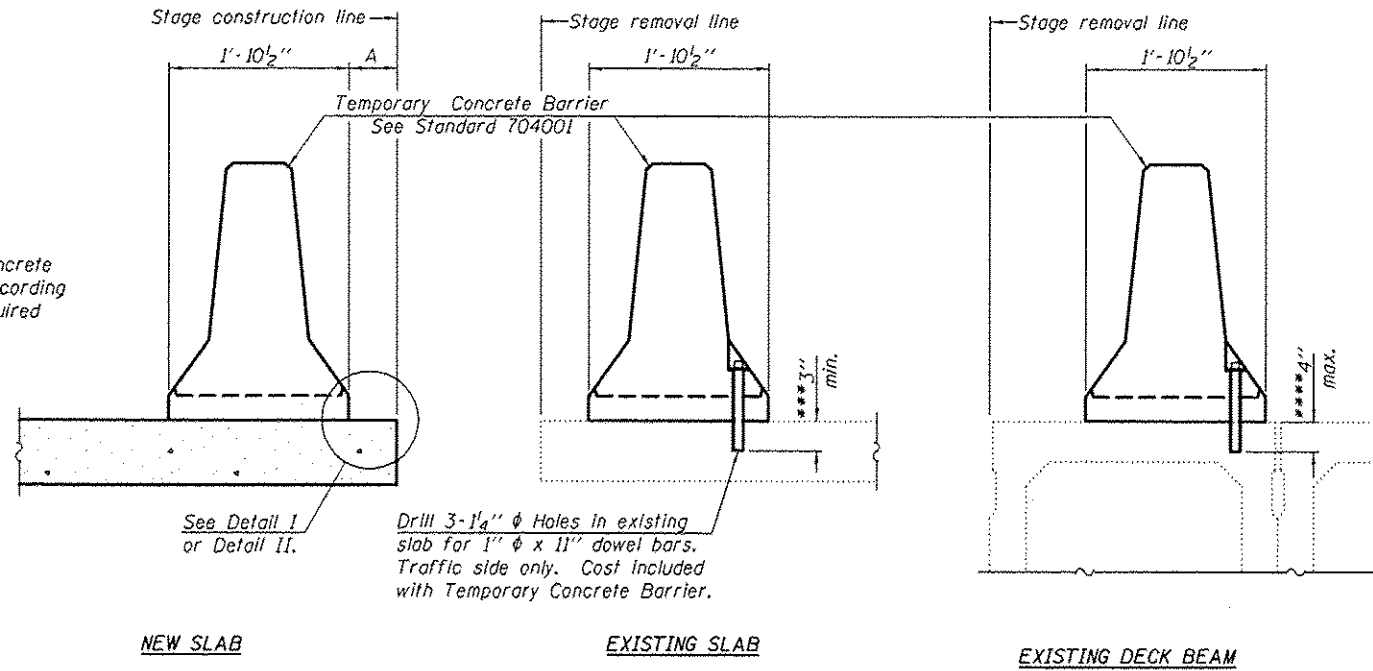
PREFORMED JOINT STRIP SEAL
SN 062-0045 & 062-0046

SHEET NO. 5 OF 7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-(2,3)RS	MARSHALL	113	32

CONTRACT NO. 68B71
ILLINOIS FED. AID PROJECT

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



SECTIONS THRU SLAB OR DECK BEAM

NOTES

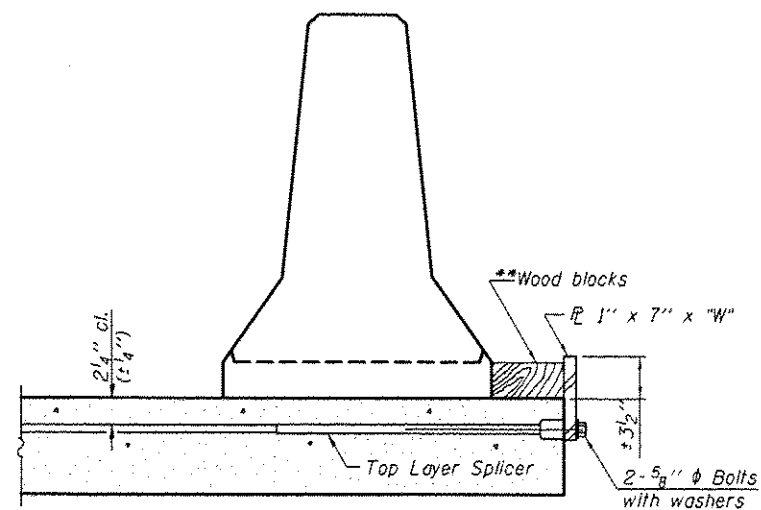
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7" x "W" steel \bar{L} to the top layer of couplers with 2-5/8" ϕ bolts screwed to coupler at approximate \bar{C} of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel \bar{L} to the concrete slab or concrete wearing surface with 2-5/8" ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate \bar{C} of each barrier panel.

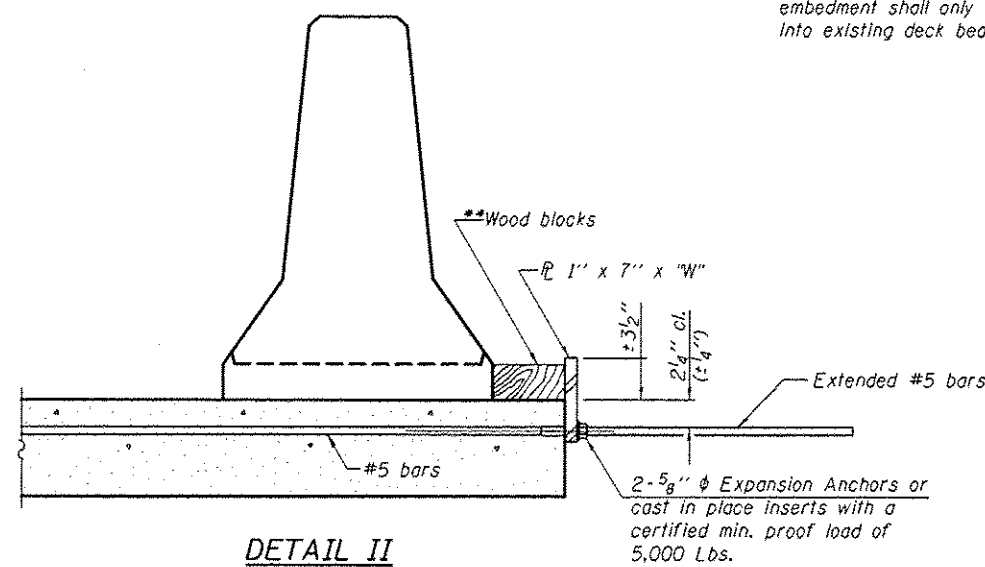
Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

*** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

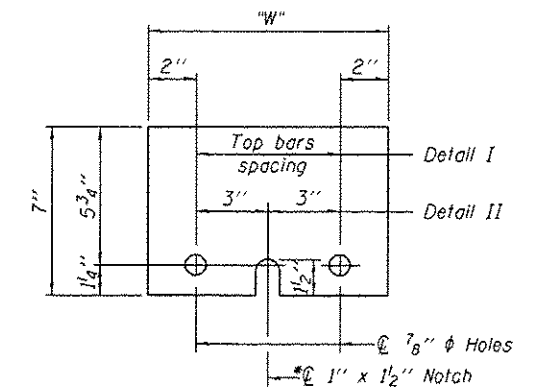
**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



STEEL RETAINER \bar{L} 1" x 7" x "W"

* Required only with Detail II

** Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"

R-27

7-1-10

DESIGNED SMR
CHECKED CCC
DRAWN J. Schneller
CHECKED SMR CCC

PASSED

ACTING ENGINEER OF BRIDGES AND STRUCTURES

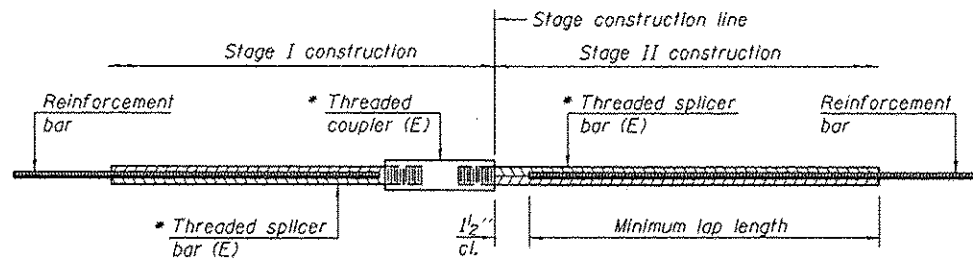
DATE March 16, 2015
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
SN 062-0045 & 062-0046

SHEET NO. 6 OF 7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-(2,3)RS	MARSHALL	113	33
			CONTRACT NO. 68B71	
ILLINOIS FED. AID PROJECT				



STANDARD BAR SPLICER ASSEMBLY

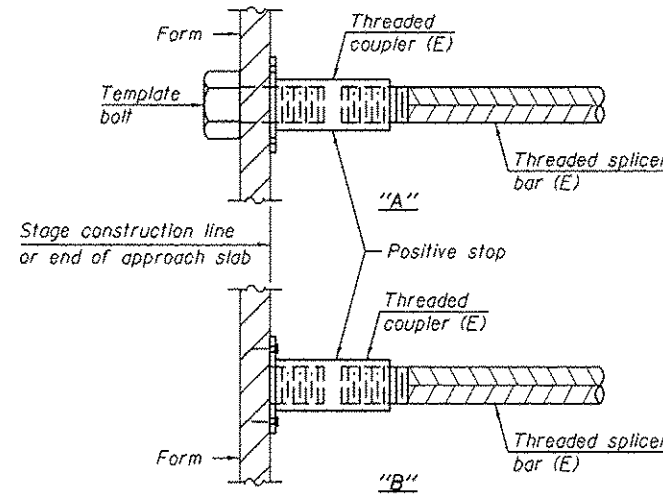
Bar size to be spliced	Minimum Lap Lengths					
	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	6'-5"	6'-10"	7'-9"	8'-7"	9'-8"

- Table 1: Black bar, 0.8 Class C
- Table 2: Black bar, Top bar lap, 0.8 Class C
- Table 3: Epoxy bar, 0.8 Class C
- Table 4: Epoxy bar, Top bar lap, 0.8 Class C
- Table 5: Epoxy bar, Class C
- Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length + 1/2" + thread length

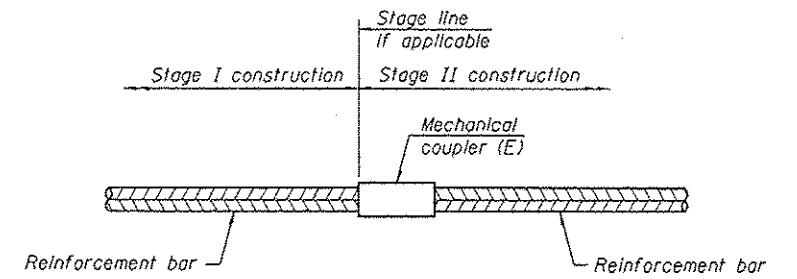
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
S. Abuts. Hatched Block	#6	8	3
S. End of deck	#7	4	3
	#6	4	3
N. Abuts. Hatched Block	#6	8	3
	#7	4	3
N. End of deck	#7	4	3
	#6	4	3



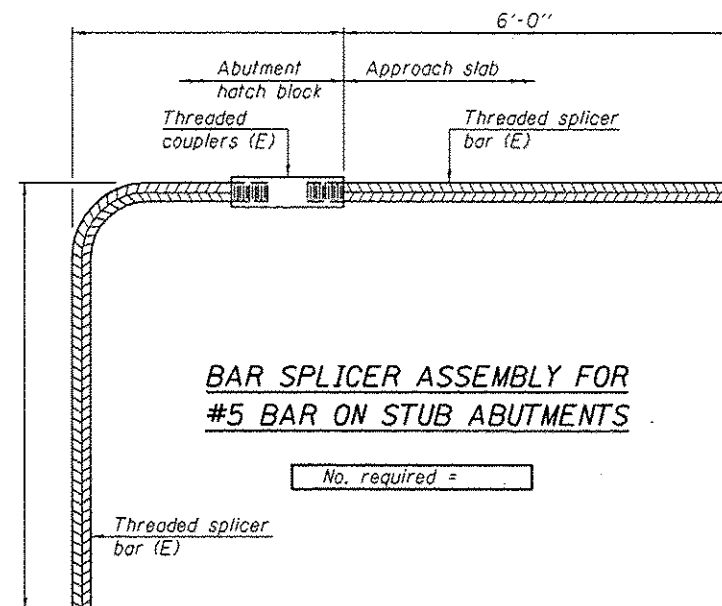
INSTALLATION AND SETTING METHODS

"A": Set bar splicer assembly by means of a template bolt.
 "B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E): Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

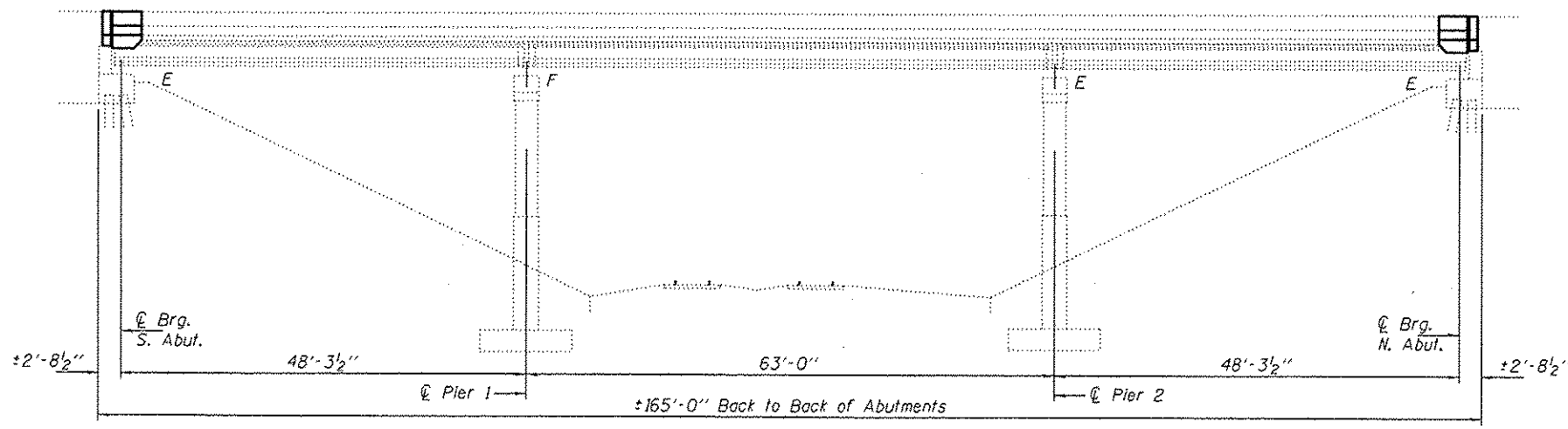
Location	Bar size	No. assemblies required



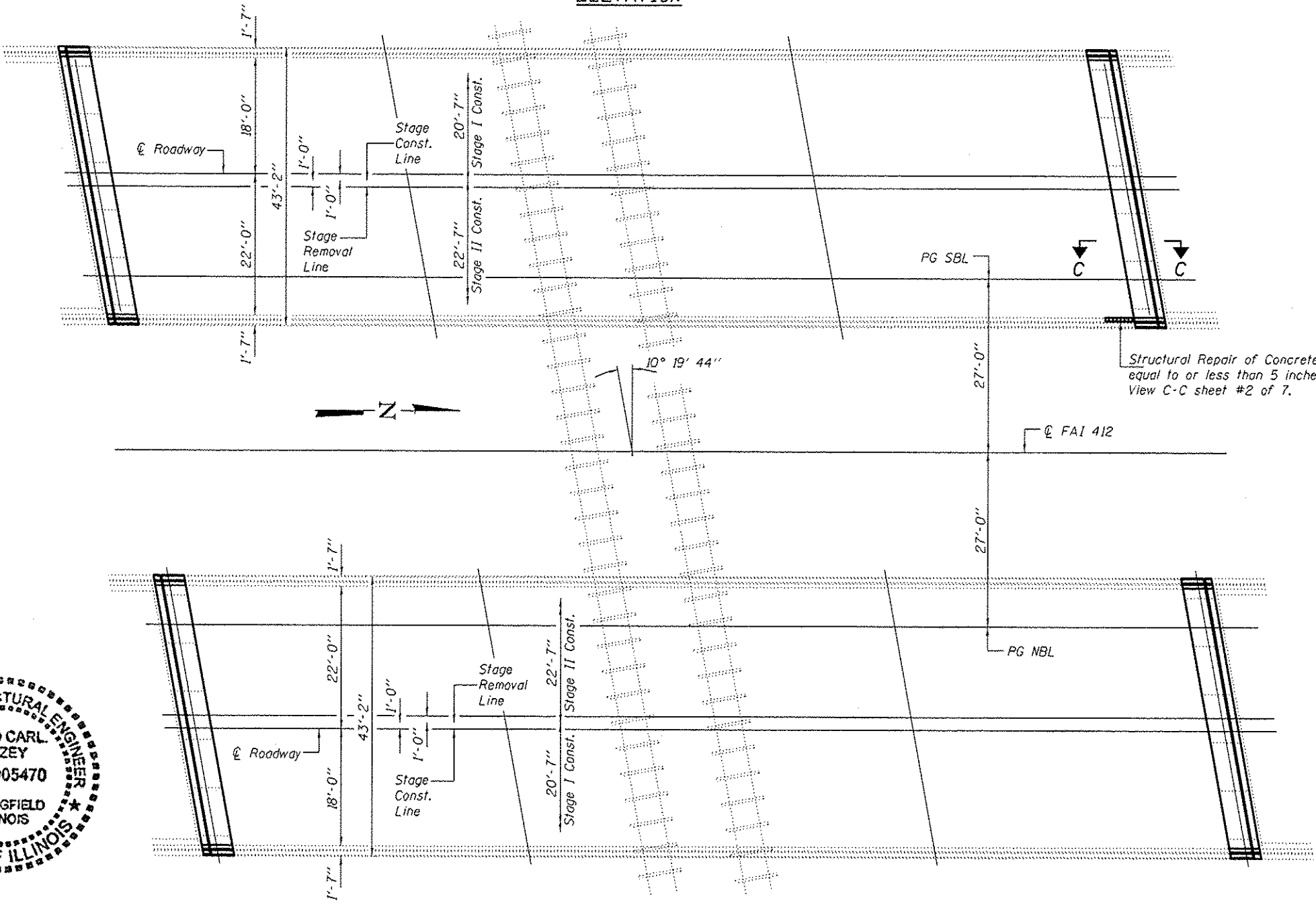
NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1 8-31-12



ELEVATION



PLAN

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Reinforcement bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructures.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

The Contractor shall use extreme care during concrete removal so as not to damage the PPC I-Beam.

PROPOSED DESIGN STRESSES

FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

EXISTING DESIGN STRESSES

FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

PRECAST PRESTRESSED UNITS

$f'_c = 5,000$ psi
 $f'_{ci} = 4,000$ psi (Spans 1 & 3)
 $f'_s = 270,000$ psi ($1/2"$ ϕ strands)
 $f'_{si} = 189,000$ psi ($1/2"$ ϕ strands)

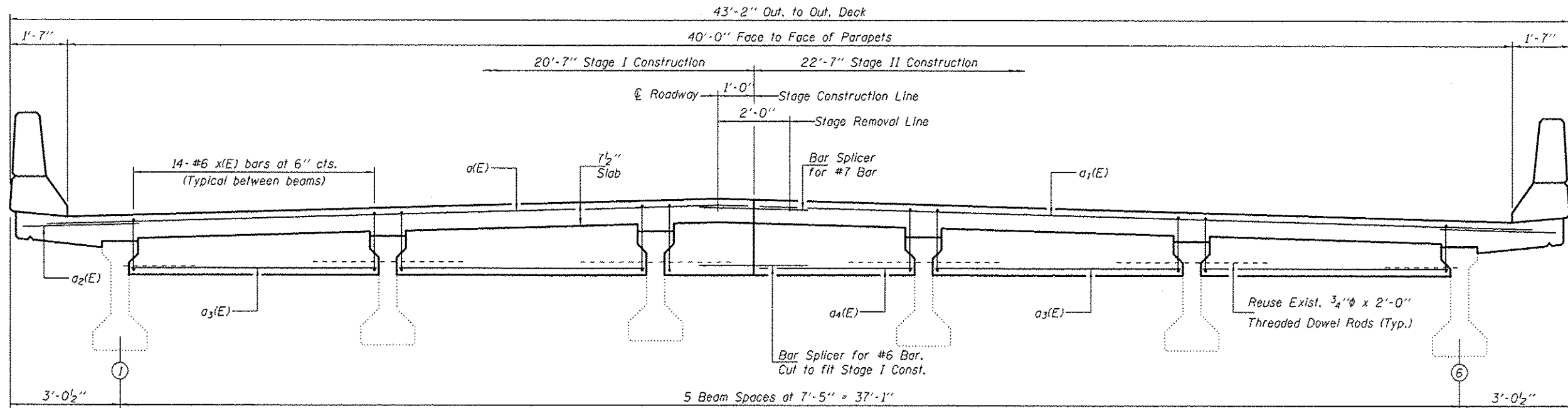
TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	41.9
Concrete Superstructure	Cu. Yd.	40.1
Reinforcement Bars, Epoxy Coated	Pound	8750
Bar Splicers	Each	64
Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft.	4.5
Preformed Joint Strip Seal	Foot	171
* Protective Coat	Sq. Yd.	48.1
** Deck Slab Repair (Partial Depth)	Sq. Yd.	8.0

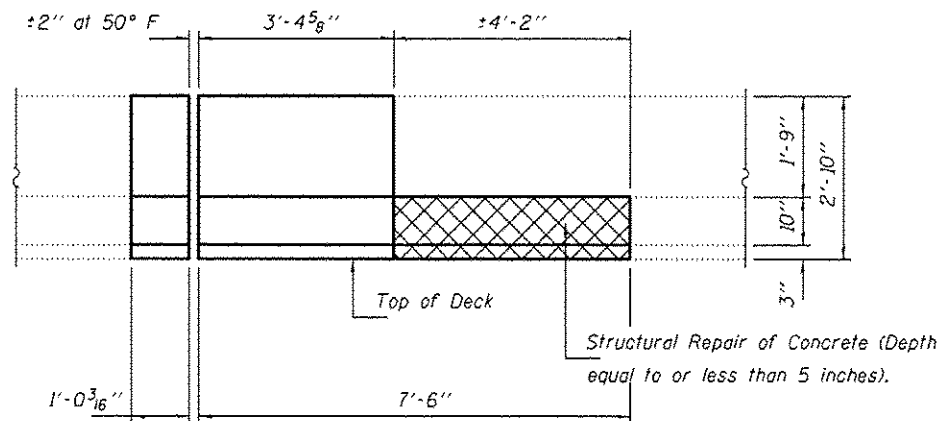
* On new concrete only
 ** Quantity shown is an estimate. Final quantity and locations on each Structure to be determined by the Engineer in the field.



EXPIRES 11-30-2016



CROSS SECTION & STAGE CONSTRUCTION DETAILS
 (Northbound Looking South, Southbound Looking North)



VIEW C C

DESIGNED SMR
 CHECKED CCC
 DRAWN J Schneller balva
 CHECKED SMR CCC

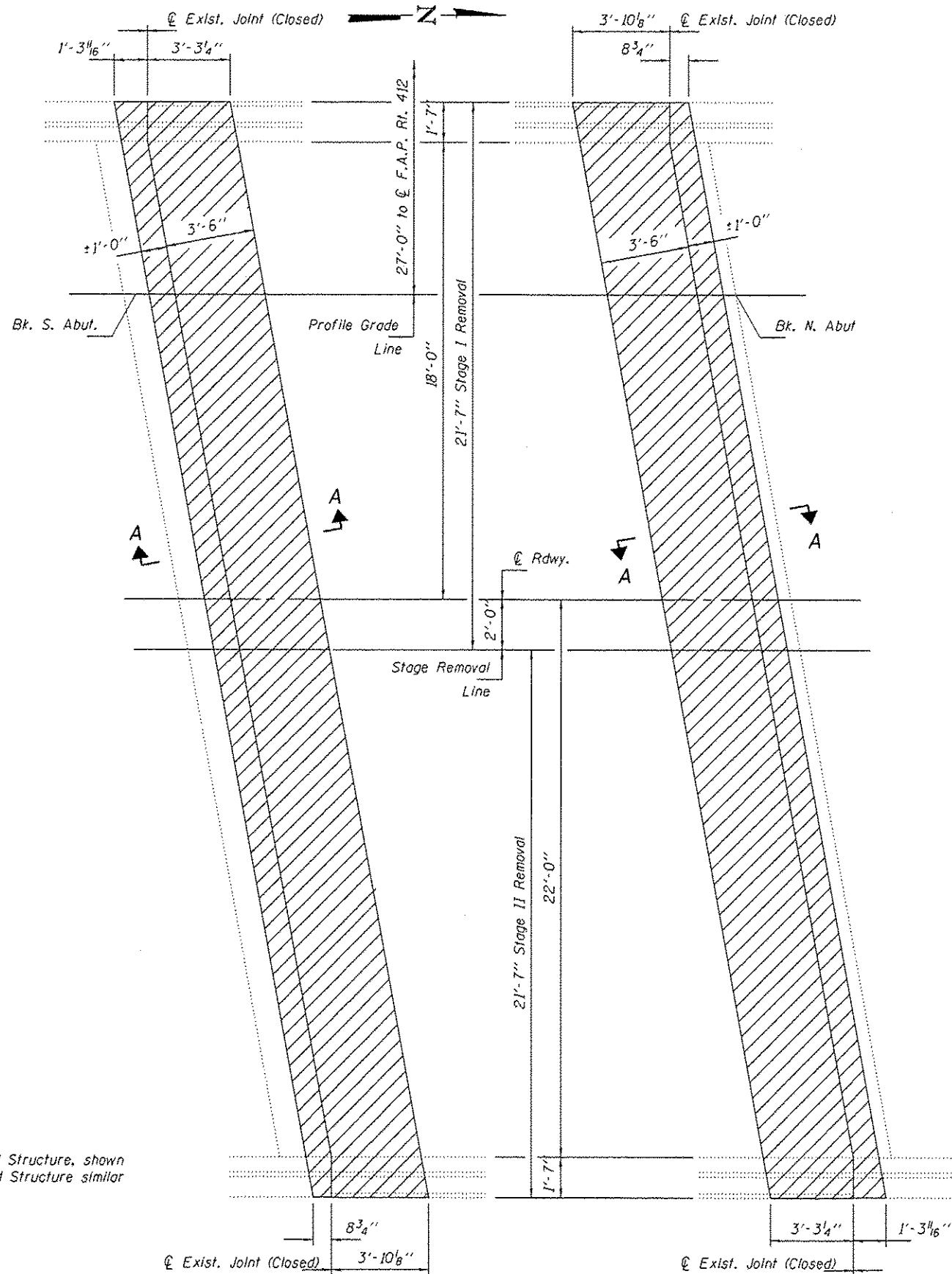
DATE March 16, 2015
 PASSED *J. Carl Perry*
 ACTING ENGINEER OF BRIDGES AND STRUCTURES
 REVISED
 REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION & STAGE CONSTRUCTION DETAILS
 SN 062-0051 (SB) & 062-0052 (SB)**

SHEET NO. 2 OF 7 SHEETS

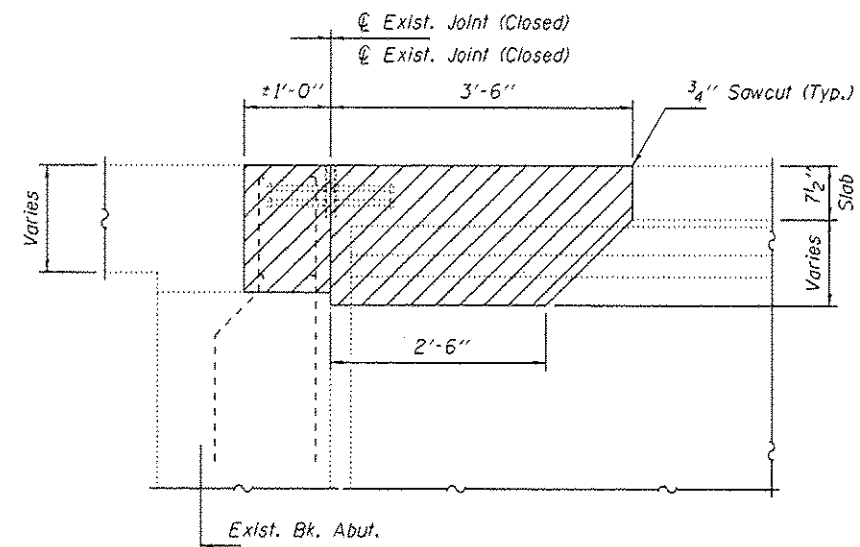
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12.3(RS)	MARSHALL	113	36
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				



North Bound Structure, shown
South Bound Structure similar
by rotation.

REMOVAL PLAN SOUTH ABUTMENT

REMOVAL PLAN NORTH ABUTMENT



SECTION A-A
(Horiz. Dem. at Rt. L's)

DESIGNED SMR
CHECKED CCC
DRAWN J Schneller
CHECKED SMR CCC

PASSED

J. Carl Perry
ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE March 16, 2015

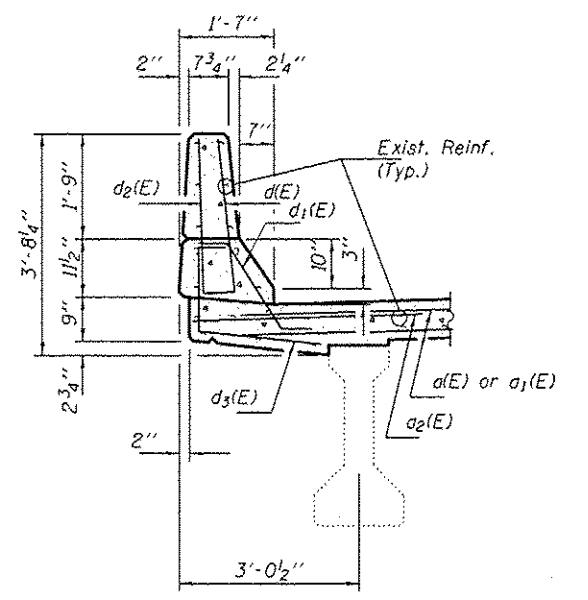
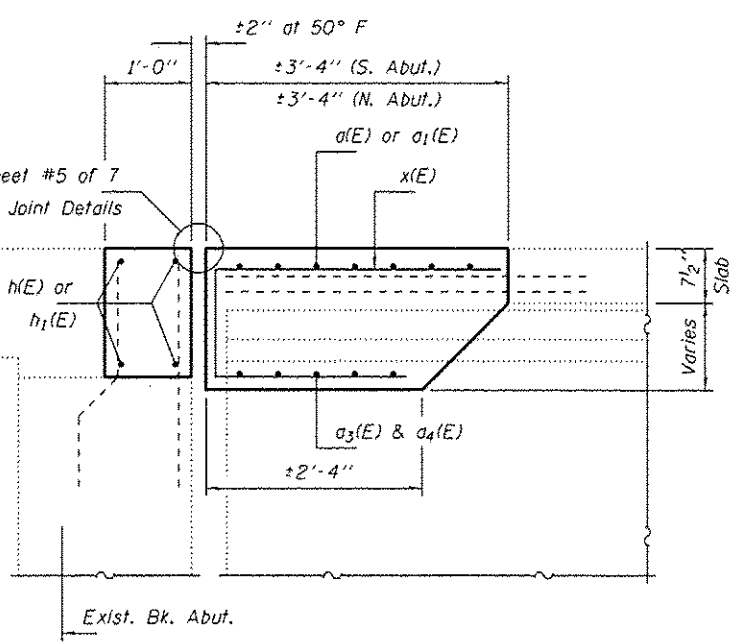
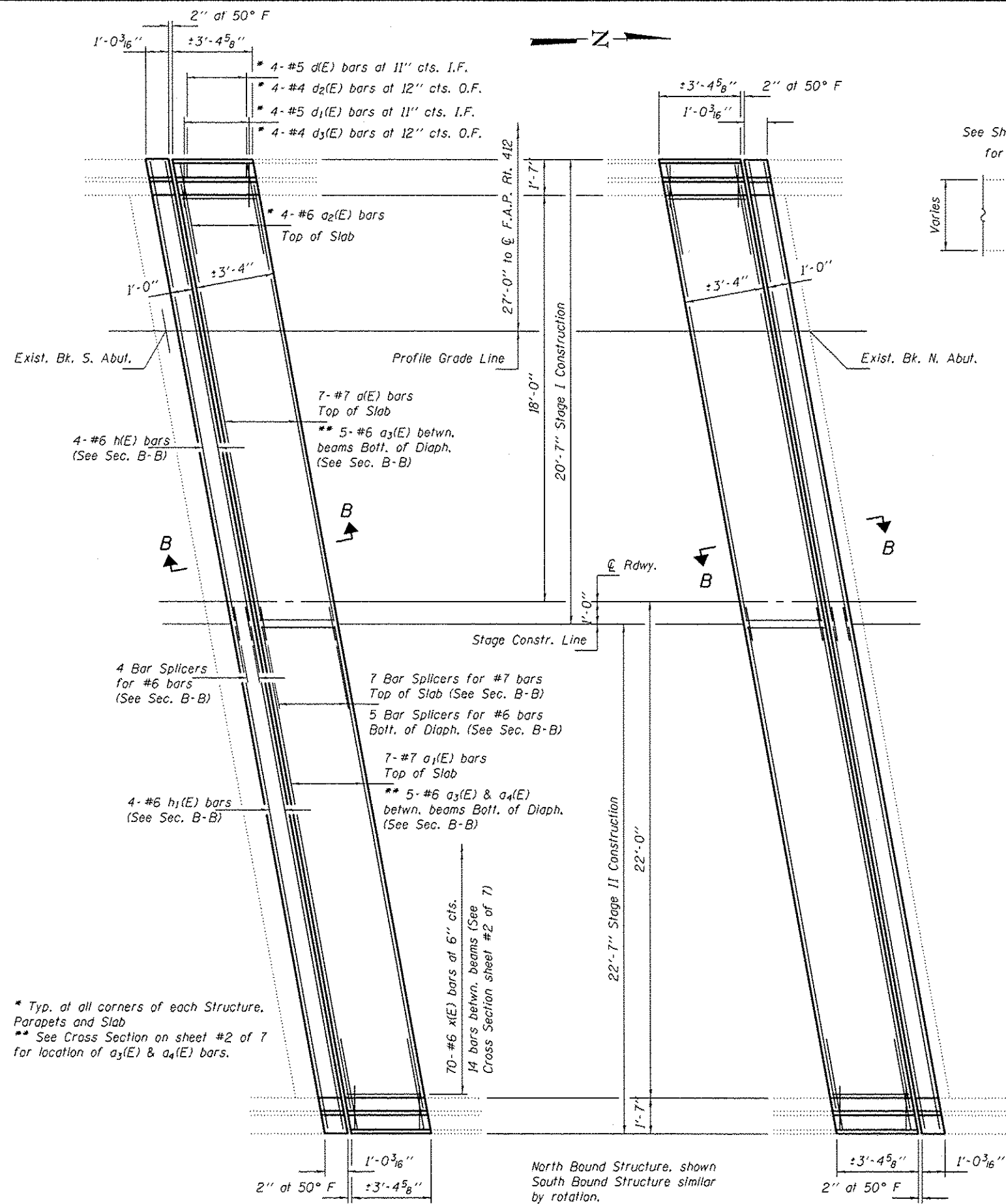
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

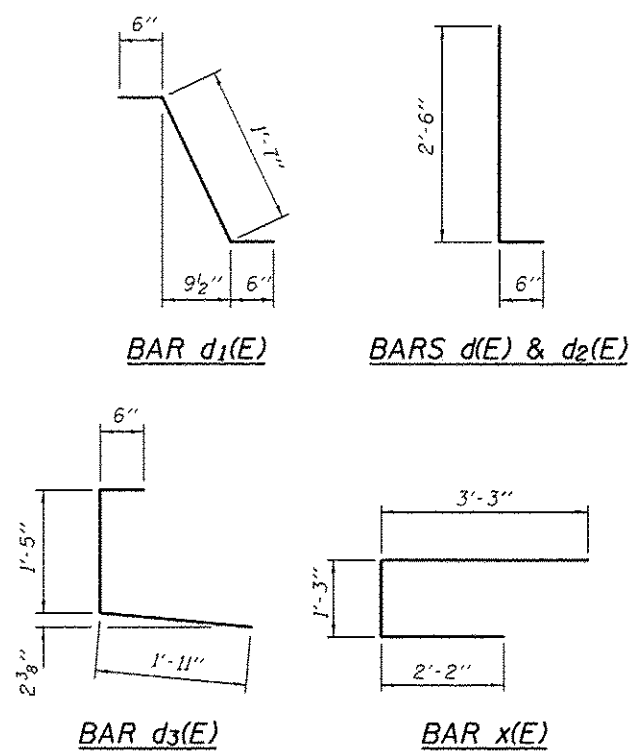
CONCRETE REMOVAL DETAILS AT ABUTMENTS
SN 062-0051 (SB) & 062-0052 (NB)

SHEET NO. 3 OF 7 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-02,3RS	MARSHALL	113	37
				CONTRACT NO. 68B71
ILLINOIS FED. AID PROJECT				

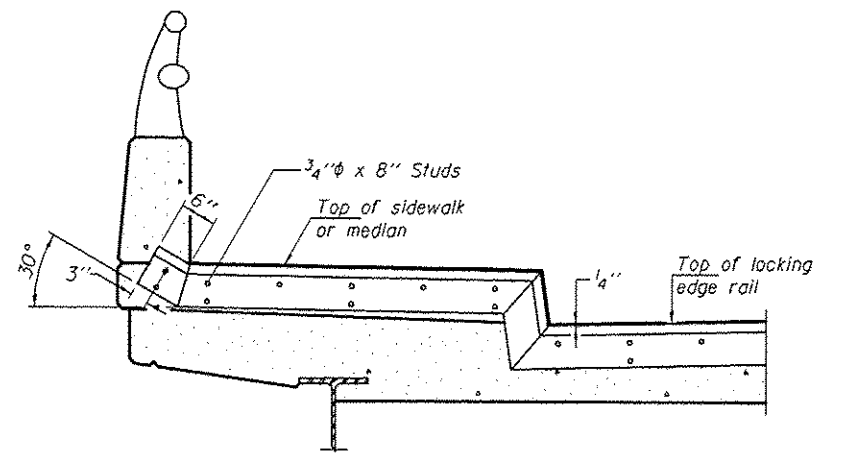
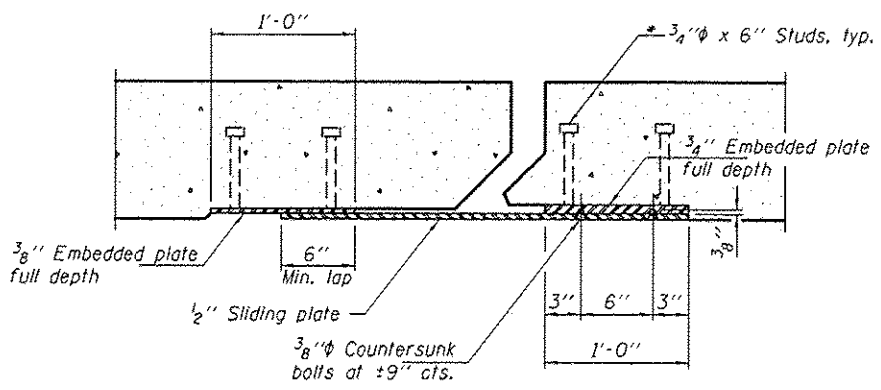
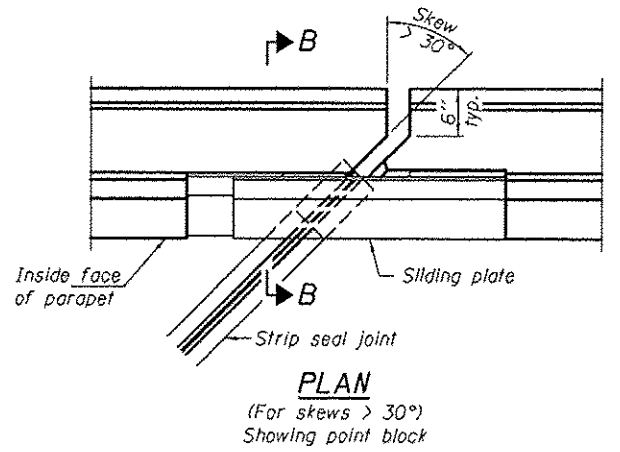
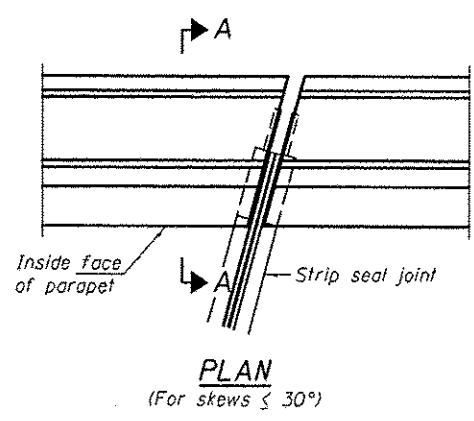


* Typ. at all corners of each Structure, Parapets and Slab
 ** See Cross Section on sheet #2 of 7 for location of a₃(E) & a₄(E) bars.

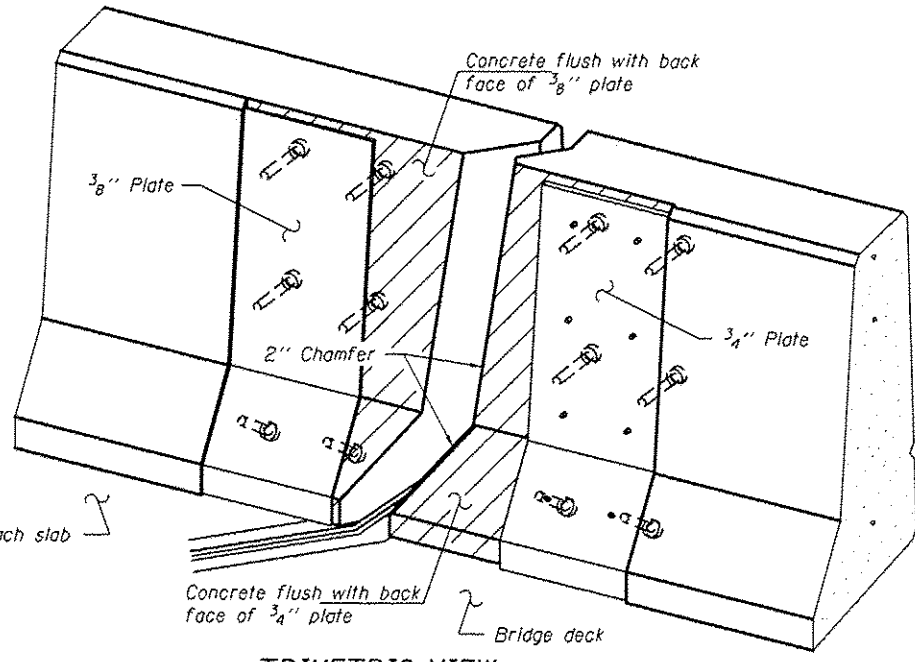
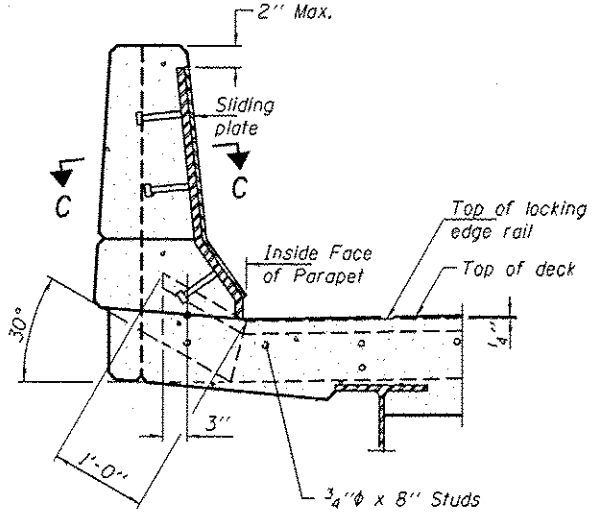
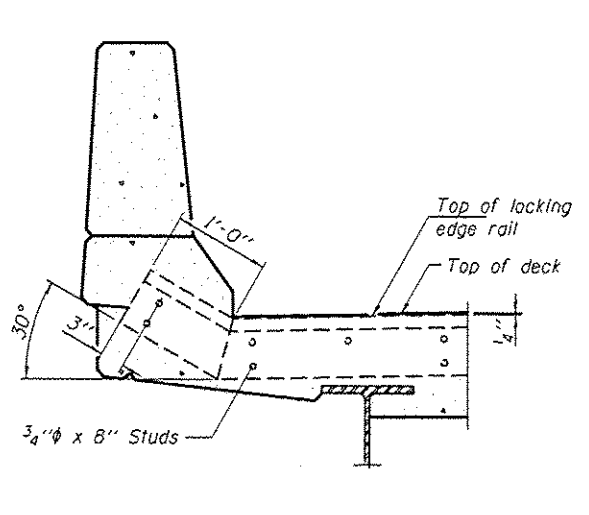


BILL OF MATERIAL

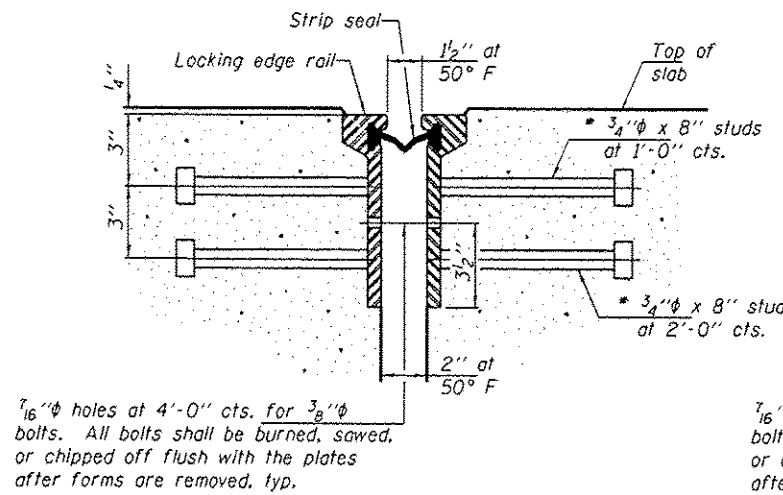
Bar	No.	Size	Length	Shape
a(E)	28	#7	19'-11"	—
a ₁ (E)	28	#7	21'-11"	—
a ₂ (E)	32	#6	4'-0"	—
a ₃ (E)	80	#6	6'-10"	—
a ₄ (E)	20	#6	4'-3"	—
d(E)	32	#5	3'-0"	L
d ₁ (E)	32	#5	2'-7"	L
d ₂ (E)	32	#4	3'-0"	L
d ₃ (E)	32	#4	3'-10"	L
h(E)	32	#6	20'-8"	—
h ₁ (E)	32	#6	22'-8"	—
x(E)	280	#6	6'-8"	C
Concrete Removal			Cu. Yd.	41.9
Concrete Superstructure			Cu. Yd.	40.1
Reinforcement Bars, Epoxy Coated			Pound	8750



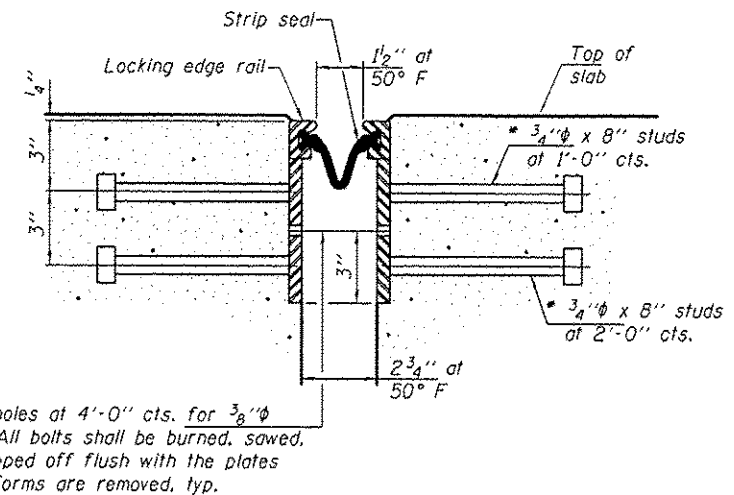
TYPICAL END TREATMENT AT SIDEWALK OR MEDIAN
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.



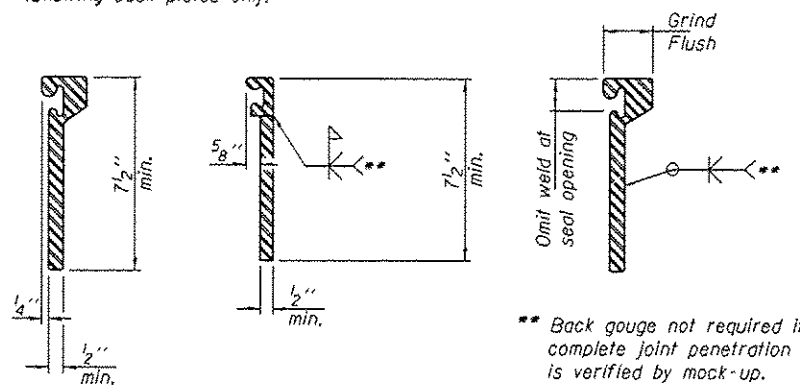
Notes:
The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
The Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities.
The manufacturer's recommended installation methods shall be followed.
The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.
All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications. Maximum space between rail segments shall be 3/16", sealed with a suitable sealant. Joints in rails within 10 ft. of curbs shall be welded.
Parapet plates and anchorage studs for skews $> 30^\circ$ included in the cost of Preformed Joint Strip Seal.



7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.



7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.



LOCKING EDGE RAIL SPLICE
The inside of the locking edge rail groove shall be free of weld residue.
Rolled rail shown, welded rail similar.

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	171

EJ-SSJ

1-27-12

DESIGNED SMR	DATE March 16, 2015
CHECKED CCC	REVISED
DRAWN J Schneller	REVISED
CHECKED SMR CCC	

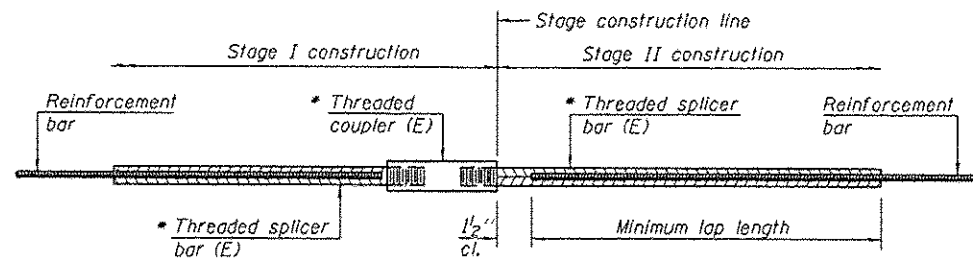
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
SN 062-0051 (SB) & 062-0052 (NB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,30RS	MARSHALL	113	39
				CONTRACT NO. 68B71

SHEET NO. 5 OF 7 SHEETS

ILLINOIS FED. AID PROJECT



STANDARD BAR SPLICER ASSEMBLY

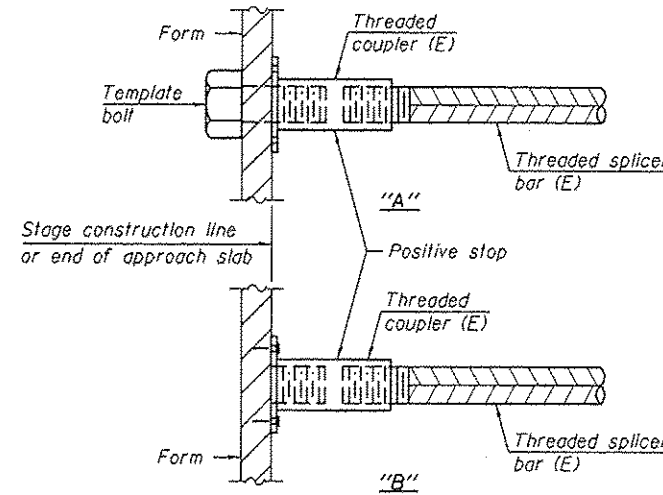
Bar size to be spliced	Minimum Lap Lengths					
	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	6'-5"	6'-10"	7'-9"	8'-7"	9'-8"

- Table 1: Black bar, 0.8 Class C
- Table 2: Black bar, Top bar lap, 0.8 Class C
- Table 3: Epoxy bar, 0.8 Class C
- Table 4: Epoxy bar, Top bar lap, 0.8 Class C
- Table 5: Epoxy bar, Class C
- Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length + 1/2" + thread length

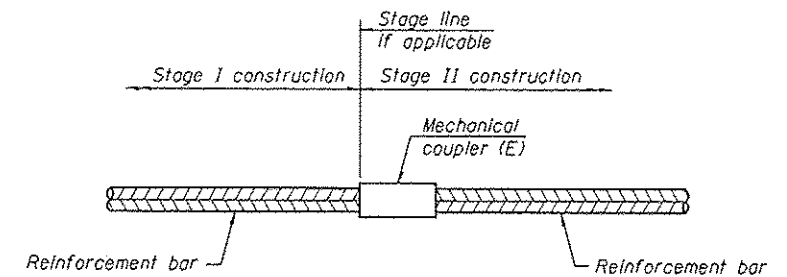
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
Abuts. Hatched Block	#6	16	3
End of Deck	#7	28	3
End of Conc. Diaph.	#6	20	3



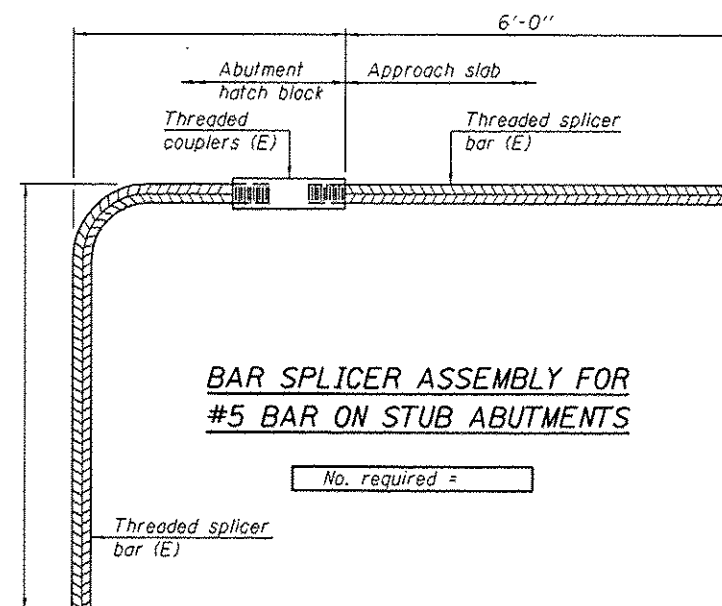
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1 8-31-12

DESIGNED SMR
 CHECKED CCC
 DRAWN J Schneller
 CHECKED SMR CCC

PASSED
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE March 16, 2015
 REVISED
 REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

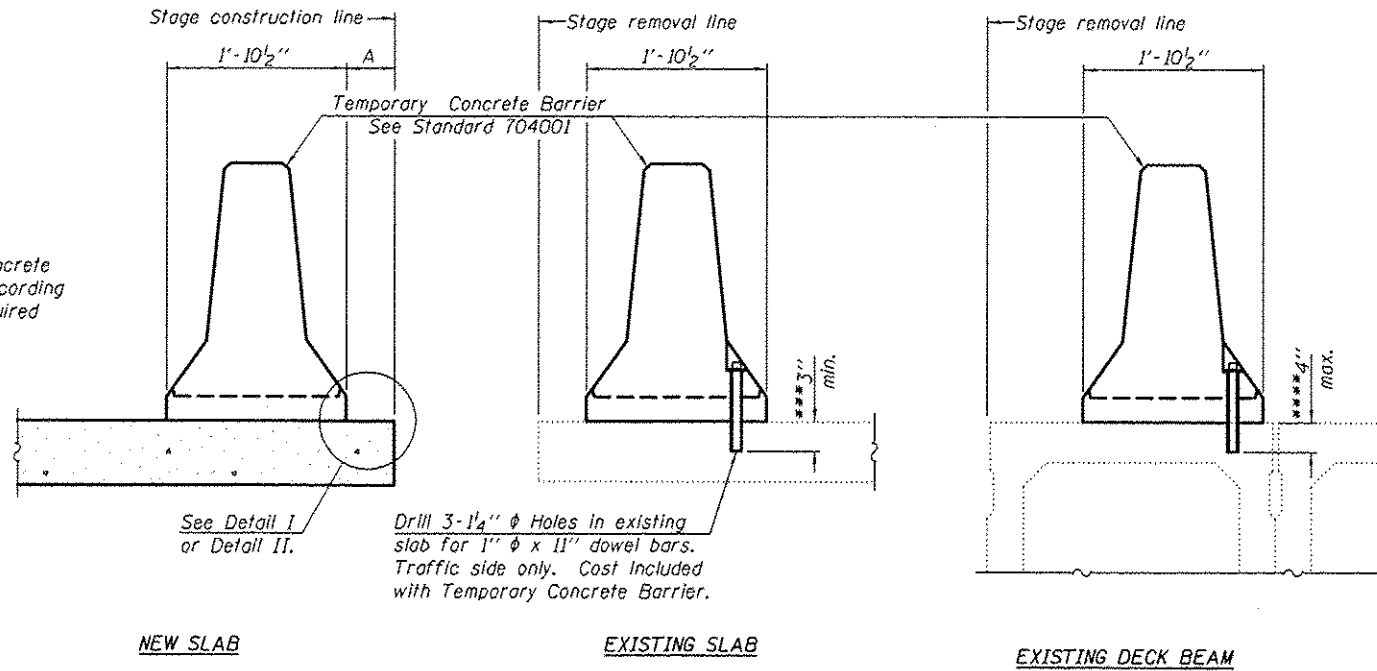
BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
 SN 062-0051 (SB) & 062-0052 (NB)

SHEET NO. 6 OF 7 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,37RS	MARSHALL	113	40

CONTRACT NO. 68B71
 ILLINOIS FED. AID PROJECT

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



SECTIONS THRU SLAB OR DECK BEAM

NOTES

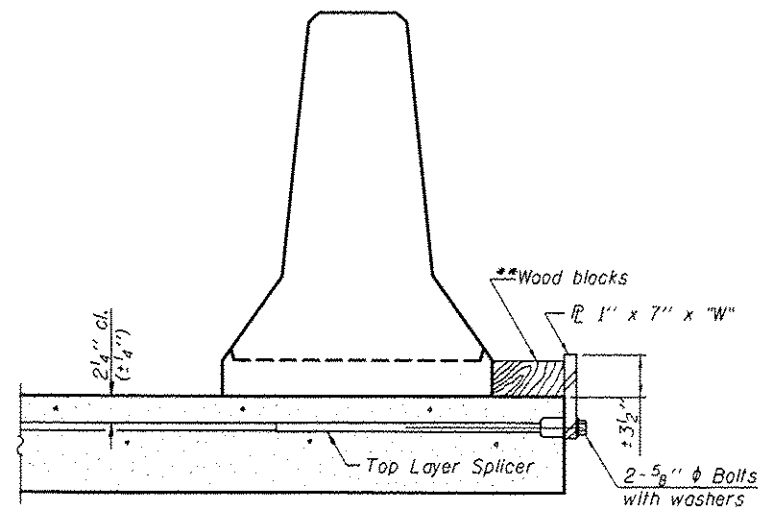
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7" x "W" steel \bar{r} to the top layer of couplers with 2-5/8" ϕ bolts screwed to coupler at approximate \bar{c} of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel \bar{r} to the concrete slab or concrete wearing surface with 2-5/8" ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate \bar{c} of each barrier panel.

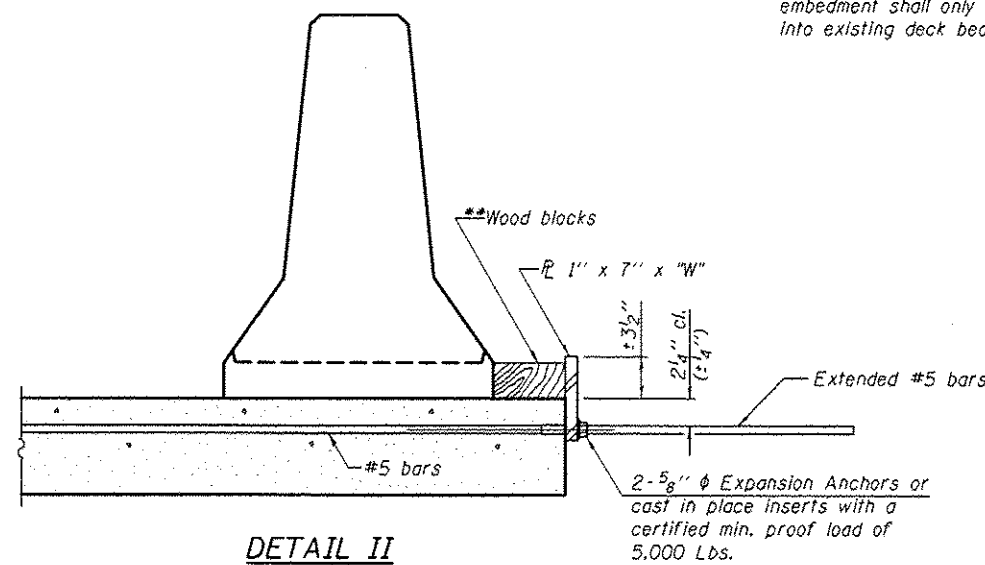
Cost of anchorage is included with Temporary Concrete Barrier.
The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

*** Dimension shown is minimum required embedment into concrete.
If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

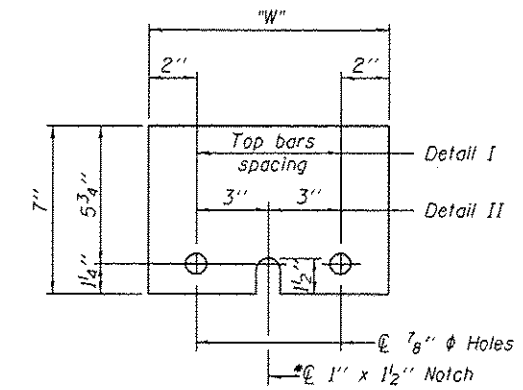
**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



STEEL RETAINER 1" x 7" x "W"

* Required only with Detail II

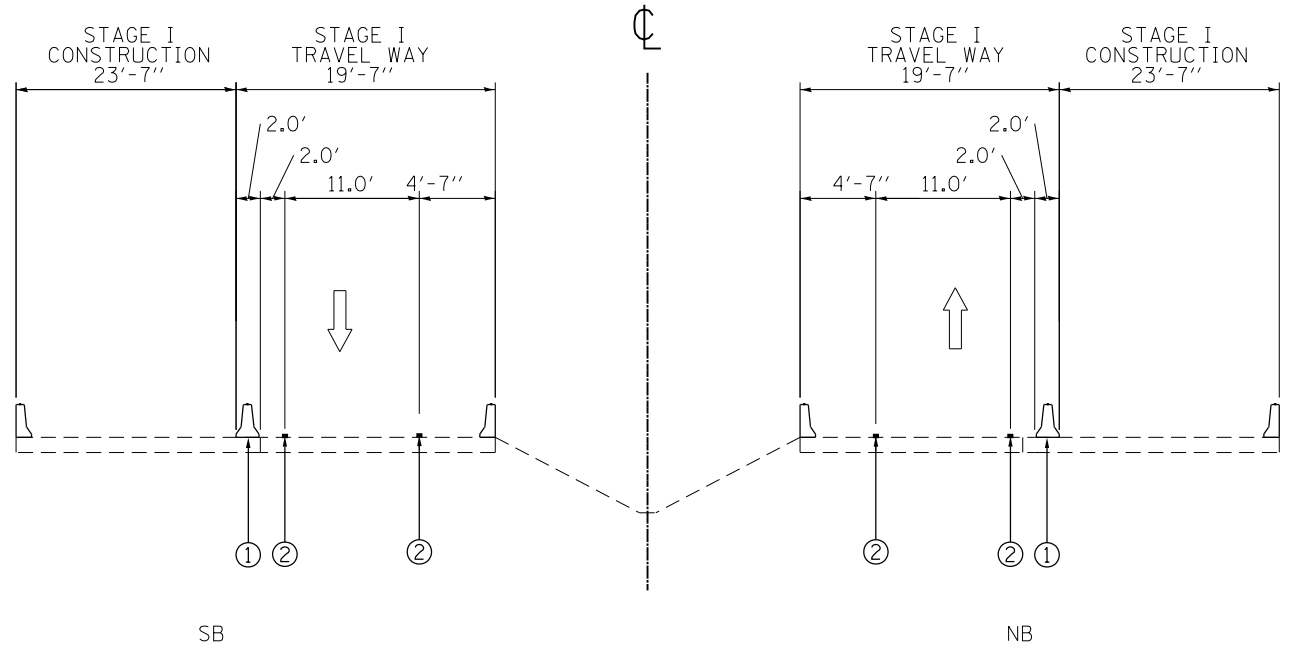
** Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"

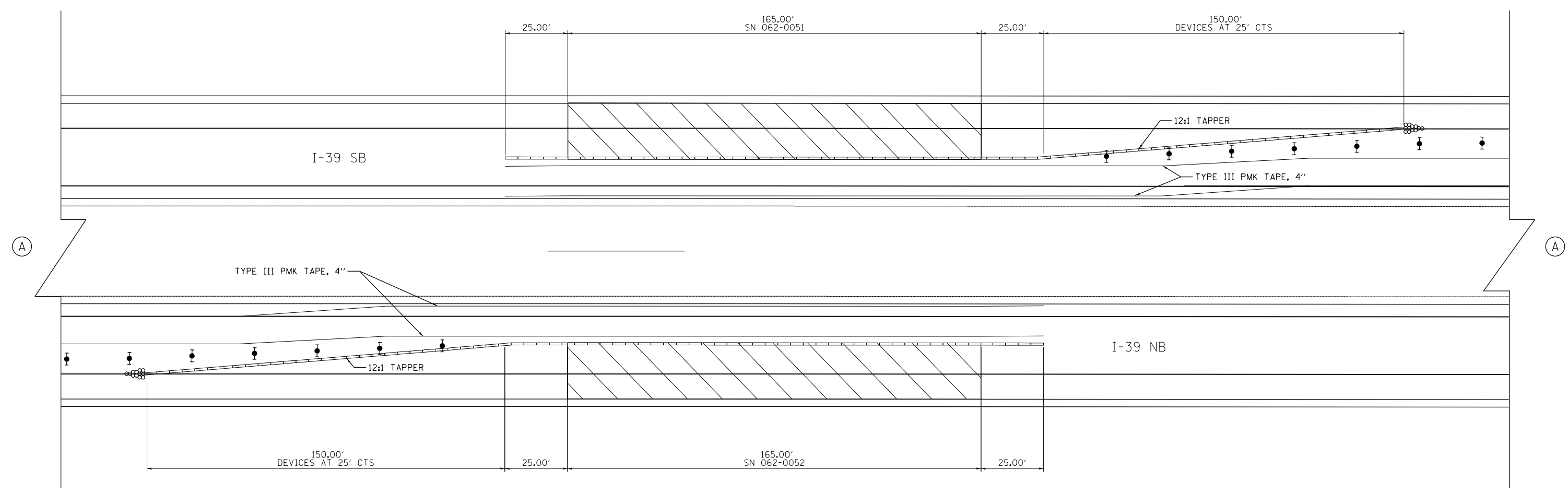
R-27

7-1-10

DESIGNED SMR	DATE March 16, 2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION SN 062-0051 (SB) & 062-0052 (NB)	F.A.I. RTE. 39	SECTION 62-C2.3JRS	COUNTY MARSHALL	TOTAL SHEETS 113	SHEET NO. 41
CHECKED CCC	REVISOR			SHEET NO. 1 OF 7 SHEETS		CONTRACT NO. 68871		
DRAWN J. Schneller	ACTING ENGINEER OF BRIDGES AND STRUCTURES			ILLINOIS/FED. AID PROJECT				
CHECKED SMR CCC	PASSED							

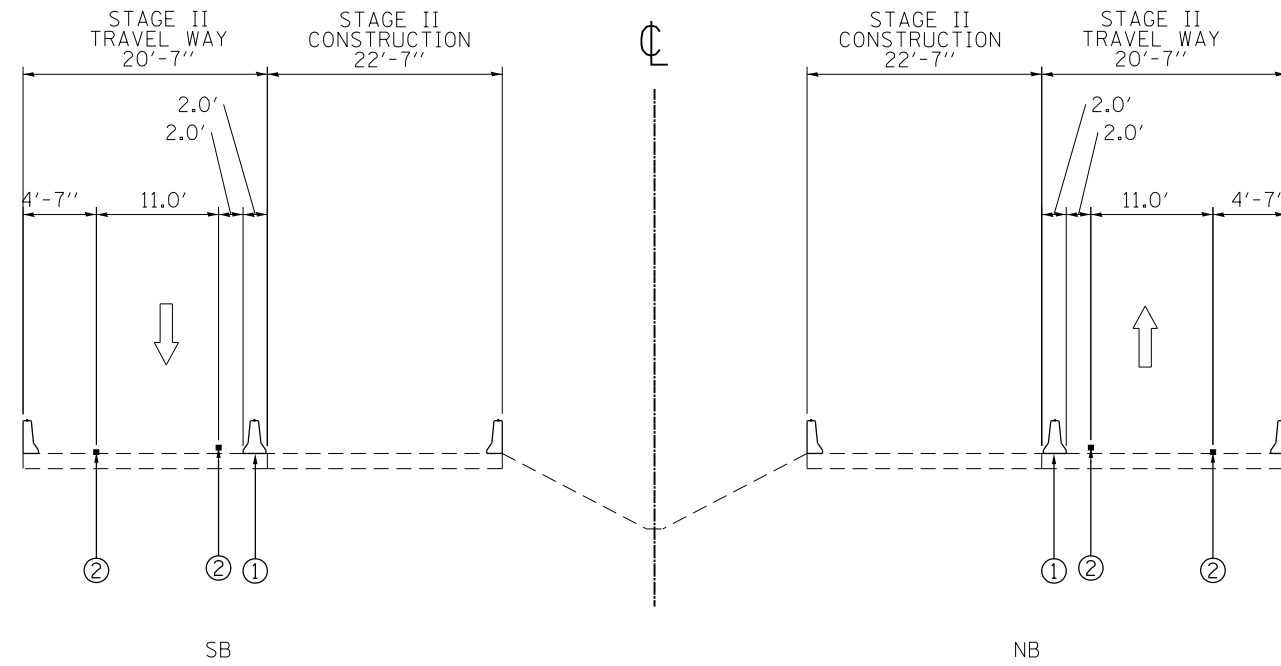


- LEGEND**
- ① TEMPORARY CONCRETE BARRIER
 - ② TYPE III PMK TAPE, 4"
 - ⊗ IMPACT ATTENUATOR
 - ⬮ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - ▨ TEMPORARY CONCRETE BARRIER
 - ▨ STAGE I WORK AREA
 - Ⓐ SEE TC&P STANDARD 701402

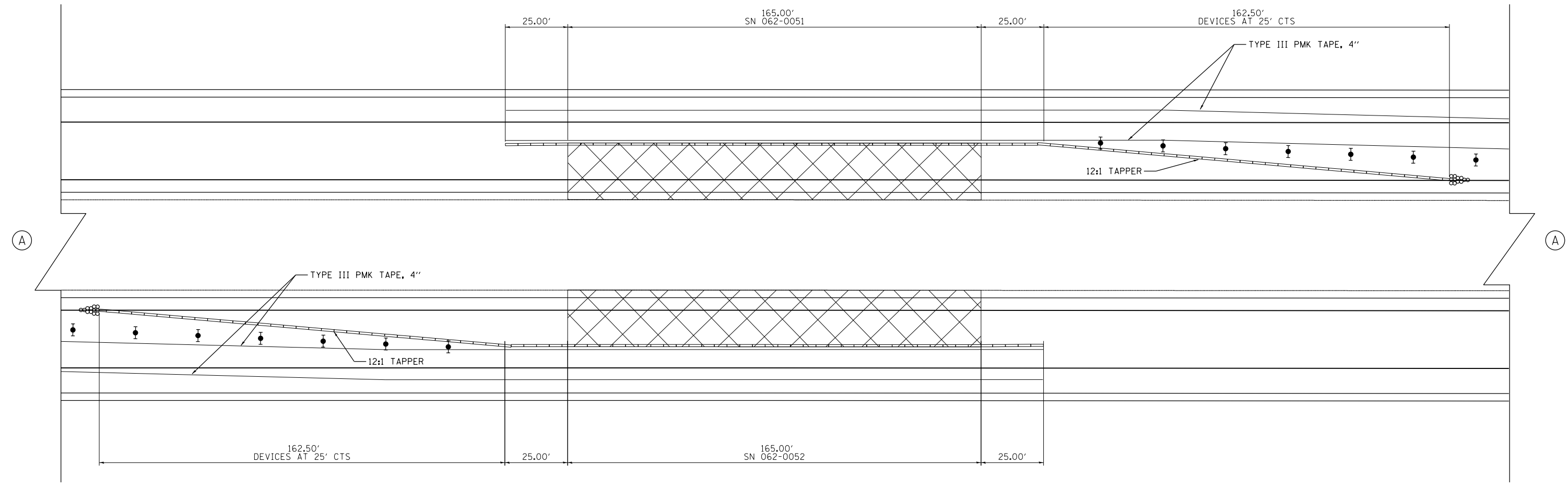


NOT TO SCALE

FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAIL STAGE I S.N. 062-0051 & 062-0052			F.A.I. RTE. = 39	SECTION = 62-12,3RS	COUNTY = MARSHALL	TOTAL SHEETS = 113	SHEET NO. = 42
	Default	PLOT SCALE = 1/99.9999" = 1/100"	CHECKED -					REVISED -	SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 1/22/2015	DATE -	REVISED -		CONTRACT NO. 68B71							

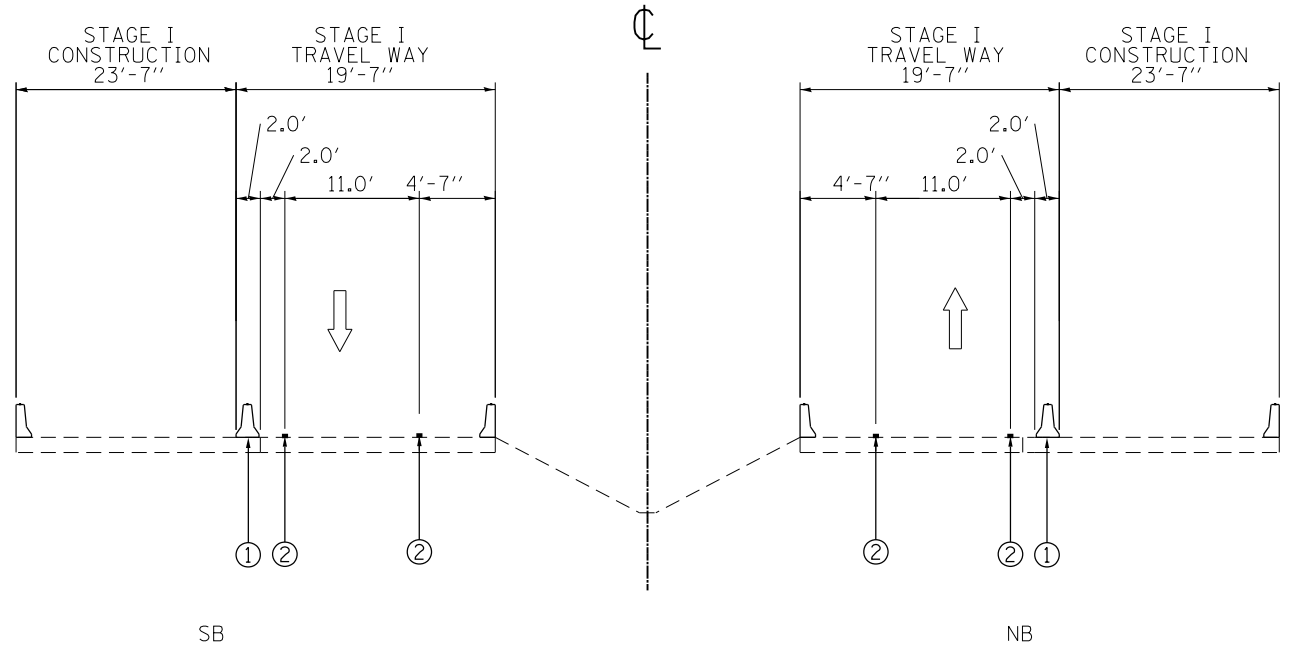


- LEGEND**
- ① TEMPORARY CONCRETE BARRIER
 - ② TYPE III PMK TAPE, 4"
 - ⊗ IMPACT ATTENUATOR
 - ⬮ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - ▨ TEMPORARY CONCRETE BARRIER
 - ▨ STAGE II WORK AREA
 - Ⓐ SEE TC&P STANDARD 701402

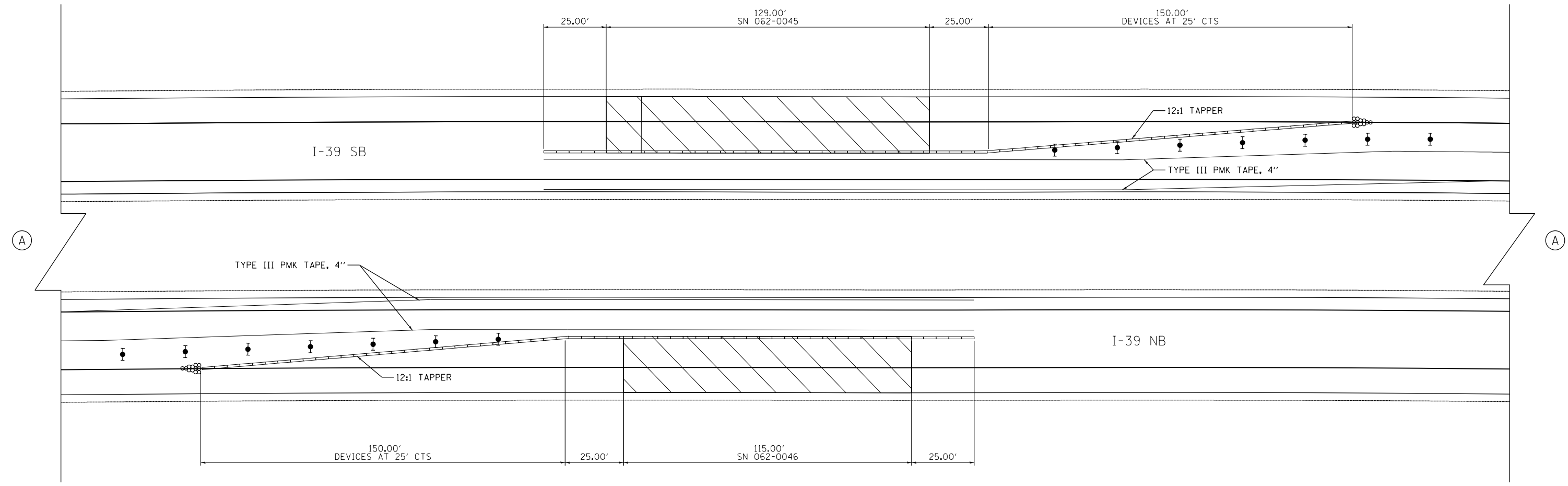


NOT TO SCALE

FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAIL STAGE II S.N. 062-0051 & 062-0052			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	Default	PLOT SCALE = 1/99.9999" / 1in.	CHECKED -					REVISED -	39	62-12,3JRS	MARSHALL	113
	PLOT DATE = 1/22/2015	DATE -	REVISED -		SCALE:	SHEET 2	OF 4	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 68B71	

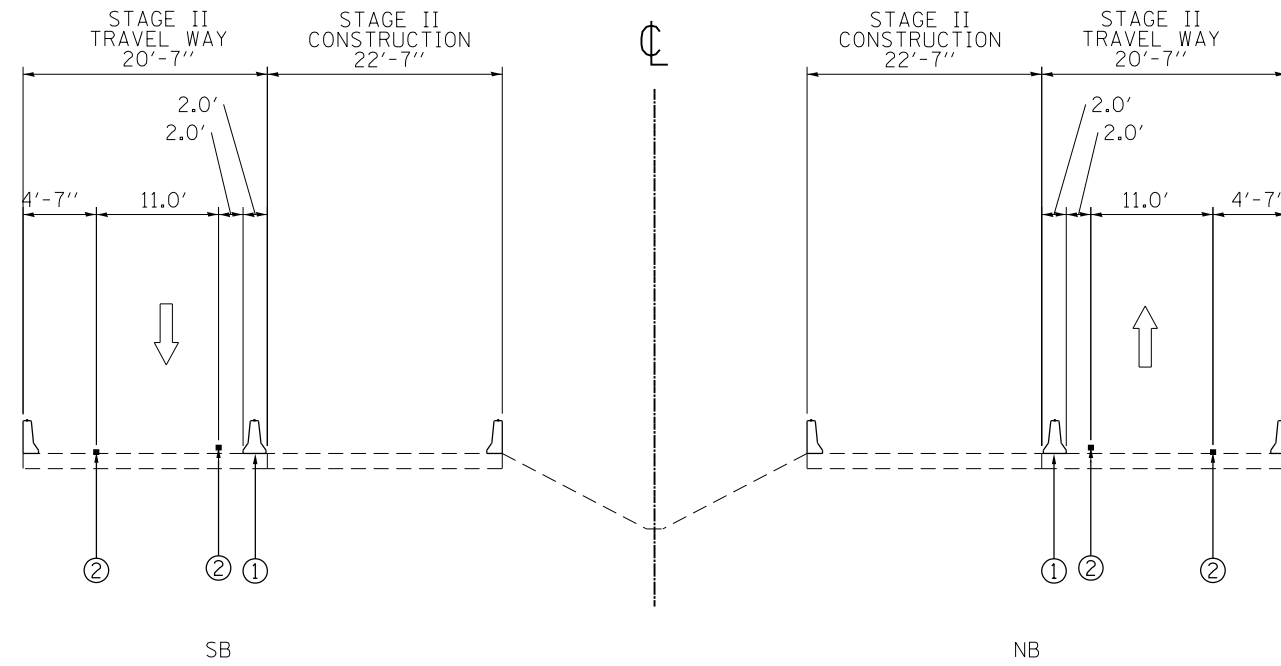


- LEGEND**
- ① TEMPORARY CONCRETE BARRIER
 - ② TYPE III PMK TAPE, 4"
 - ⊗ IMPACT ATTENUATOR
 - ⬮ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - ▨ TEMPORARY CONCRETE BARRIER
 - ▨ STAGE I WORK AREA
 - Ⓐ SEE TC&P STANDARD 701402

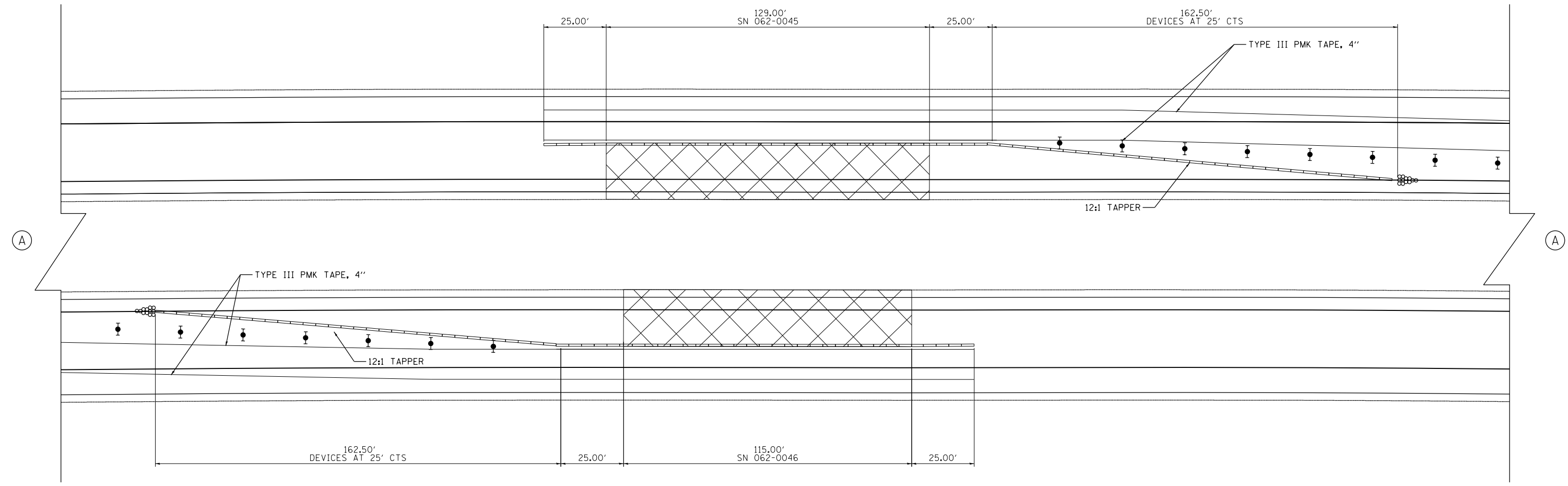


NOT TO SCALE

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	Default	PLOT SCALE = 1/99.9999" / 1in.	CHECKED -					REVISED -	CONTRACT NO. 68B71			
	PLOT DATE = 1/22/2015	DATE -	REVISED -		SCALE:	SHEET 3	OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			

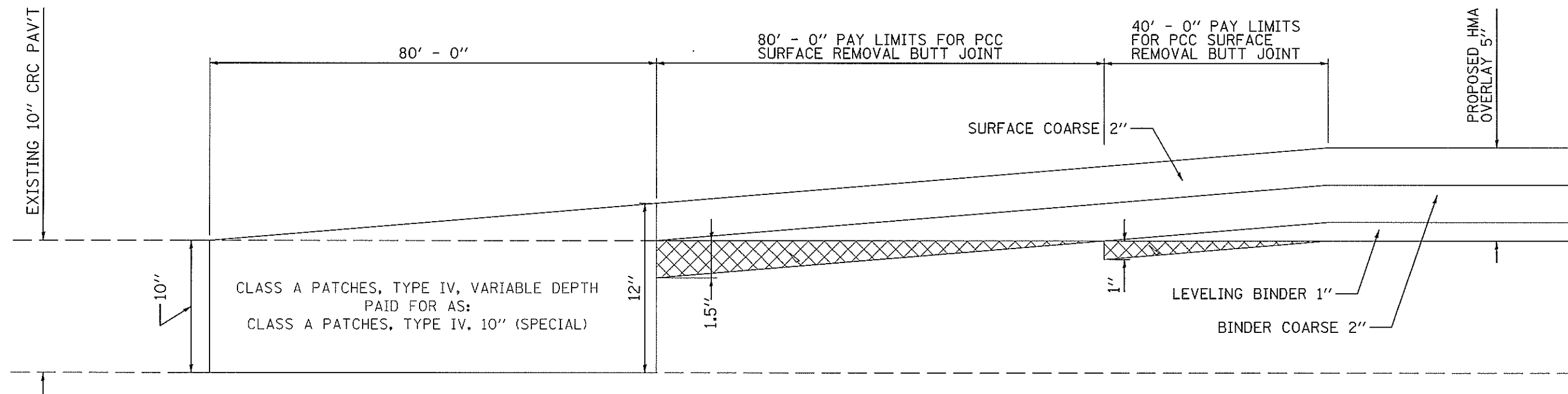


- LEGEND**
- ① TEMPORARY CONCRETE BARRIER
 - ② TYPE III PMK TAPE, 4"
 - ⊗ IMPACT ATTENUATOR
 - ⬮ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - ▬ TEMPORARY CONCRETE BARRIER
 - ▨ STAGE II WORK AREA
 - Ⓐ SEE TC&P STANDARD 701402



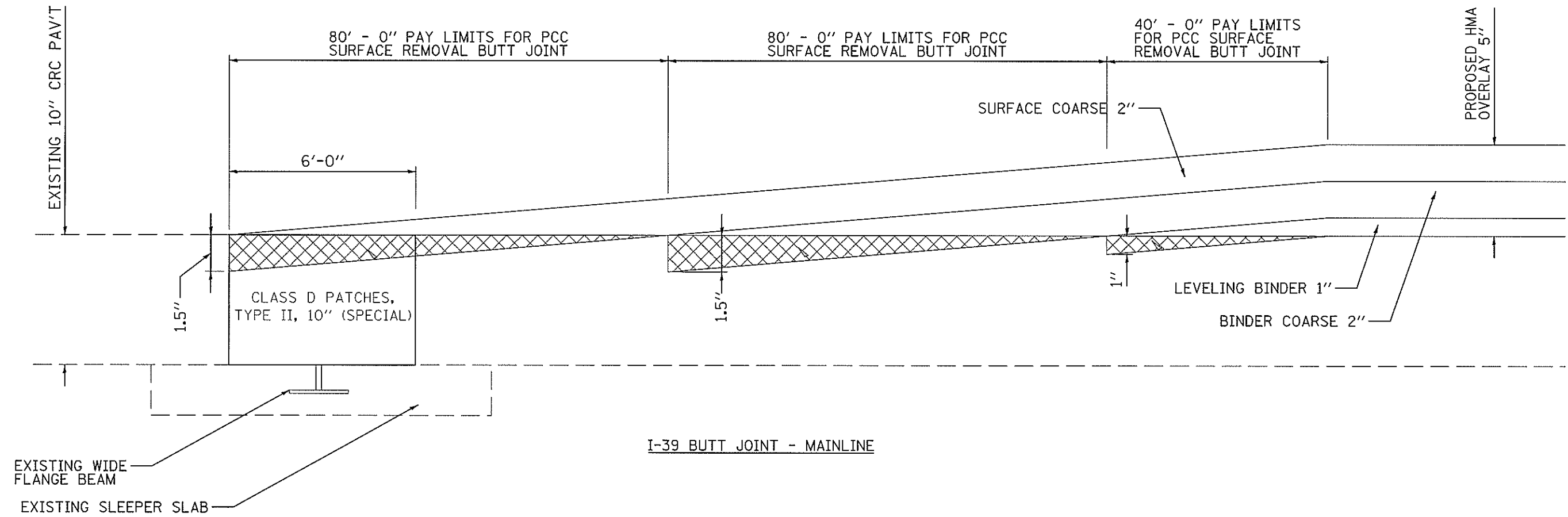
NOT TO SCALE

FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAIL STAGE II S.N. 062-0045 & 062-0046			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/99.9999" / 1in.	CHECKED -	REVISED -					39	62-12,3JRS	MARSHALL	113	45
Default	PLOT DATE = 1/22/2015	DATE -	REVISED -	SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT CONTRACT NO. 68B71					



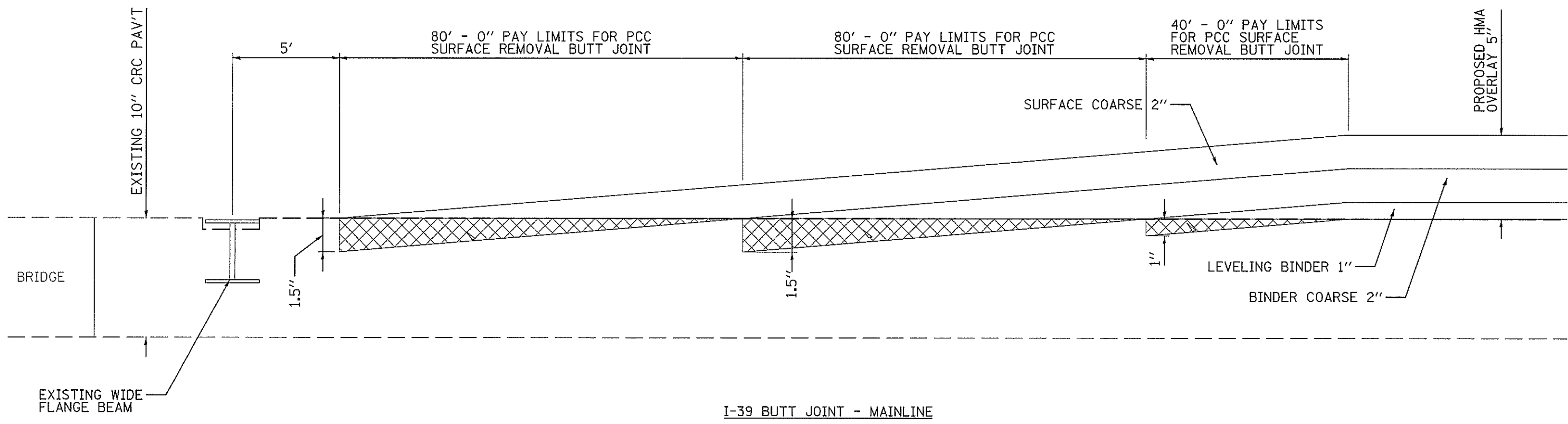
I-39 BUTT JOINT DETAIL - MAINLINE BEGINING AND END OF PROJECT

FILE NAME = 0468B71-sht-details.dgn	USER NAME = abuhannaw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAIL #1		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	39				62-12.3JRS	MARSHALL	113	46	
Default	PLOT DATE = 2/25/2015	DATE -	REVISED -		SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.		CONTRACT NO. 68B71				
							ILLINOIS FED. AID PROJECT				

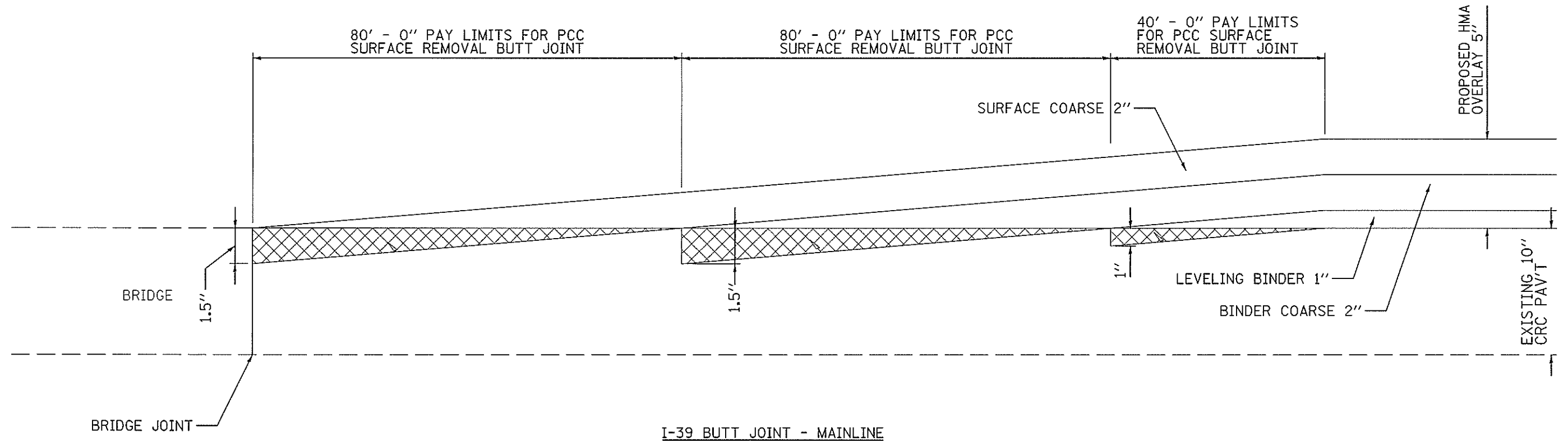


I-39 BUTT JOINT - MAINLINE

FILE NAME = D468871-shc-details.dgn	USER NAME = abuhammad	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAIL #2			F.A.I. RTE. 39	SECTION 62-[2,3]RS	COUNTY MARSHALL	TOTAL SHEETS 113	SHEET NO. 47
Default	PLOT SCALE = 1/8" = 1' / in.	DRAWN -	REVISED -		SCALE:	SHEET 2	OF 7	SHEETS	STA.	TO STA.	CONTRACT NO. 68871	
	PLOT DATE = 2/25/2015	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

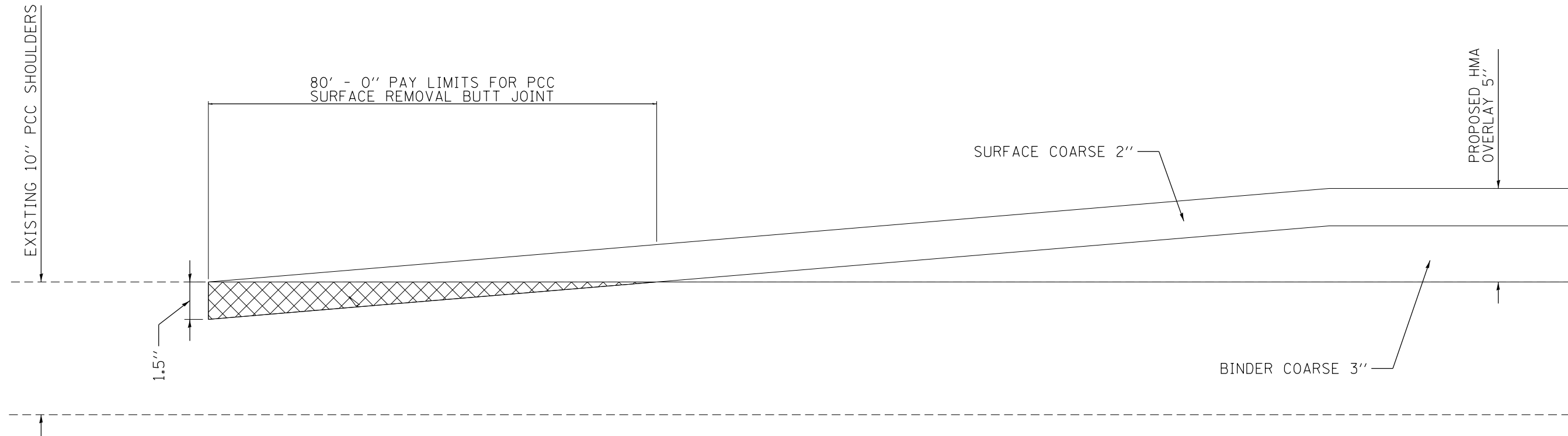


FILE NAME = D460071-sht-details.dgn	USER NAME = abuhanna	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAIL #3			F.A.I. RTE. 39	SECTION 62-12,31RS	COUNTY MARSHALL	TOTAL SHEETS 113	SHEET NO. 48			
Default	PLOT SCALE = 100.4566' / in.	CHECKED -	REVISED -					SCALE:	SHEET 3	OF 7	SHEETS	STA.	TO STA.	CONTRACT NO. 68B71	
	PLOT DATE = 2/25/2015	DATE -	REVISED -					[ILLINOIS] FED. AID PROJECT							



I-39 BUTT JOINT - MAINLINE

FILE NAME = 0468871-sht-details.dgn	USER NAME = abuhannaw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAIL #4			F.A.I. RTE. 39	SECTION 62-[2,3]RS	COUNTY MARSHALL	TOTAL SHEETS 113	SHEET NO. 49
	PLOT SCALE = 100.4566' / in.	CHECKED -	REVISED -					CONTRACT NO. 68871				
Default	PLOT DATE = 2/25/2015	DATE -	REVISED -	SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT					



I-39 BUTT JOINT - SHOULDERS

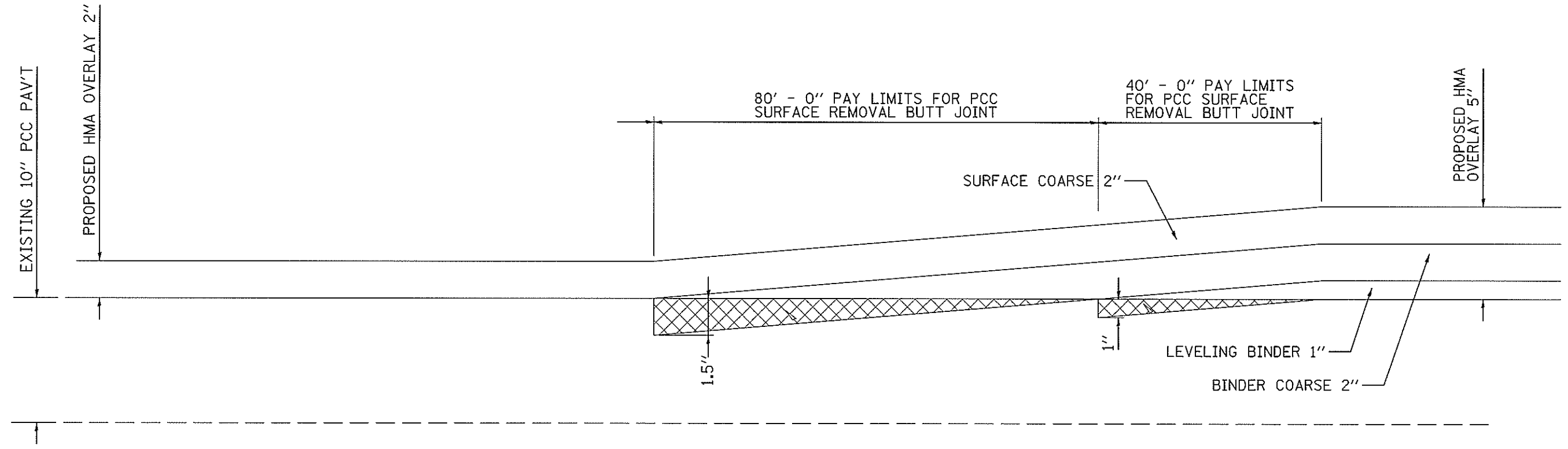
FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 1/99.9999' / in.	DRAWN -	REVISED -
	PLOT DATE = 1/22/2015	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT DETAIL #5

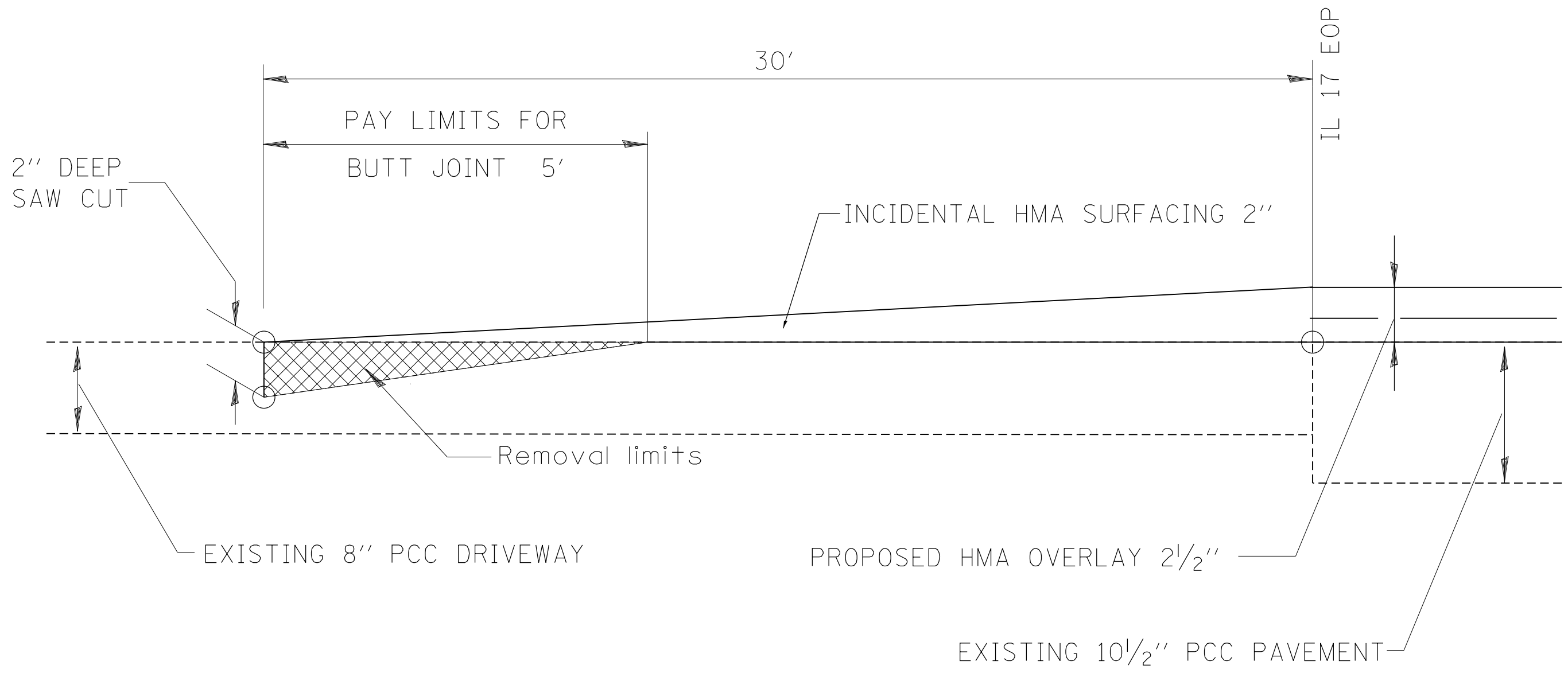
SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-[2,3]RS	MARSHALL	113	50
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B71	



I-39 BUTT JOINT - RAMPS

FILE NAME = D468871-shr-details.dgn	USER NAME = ebuhannew	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAIL #6	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -			39	62-12,3JRS	MARSHALL	113	51
Default	PLOT DATE = 2/25/2015	DATE -	REVISED -	SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT CONTRACT NO. 68B71				



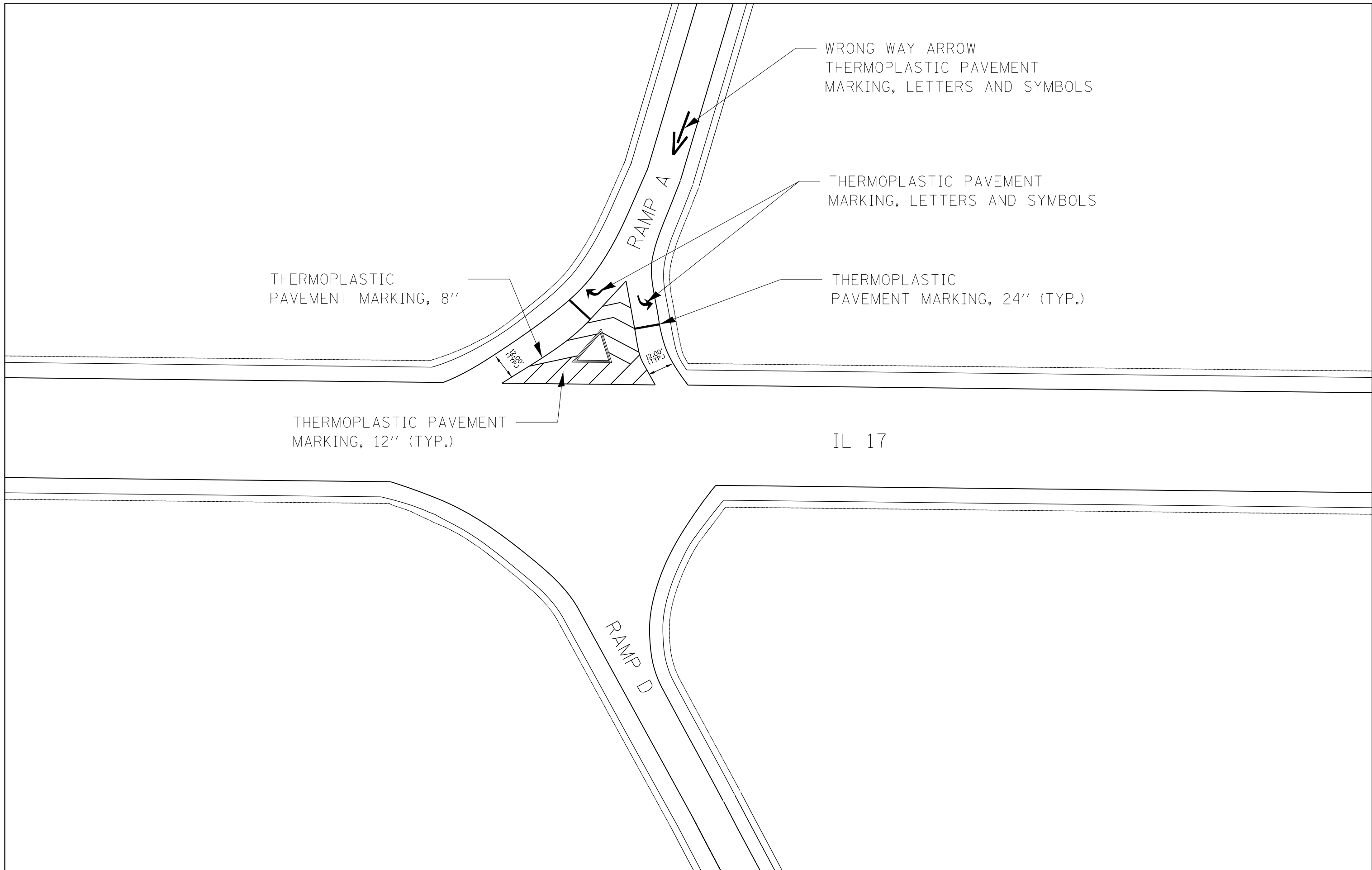
FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default	PLOT SCALE = 199.9999' / in.	DRAWN -	REVISED -
	PLOT DATE = 1/22/2015	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT DETAIL #7
(ENTRANCE DETAIL)**

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-[2,3]RS	MARSHALL	113	52
CONTRACT NO. 68B71			ILLINOIS FED. AID PROJECT	



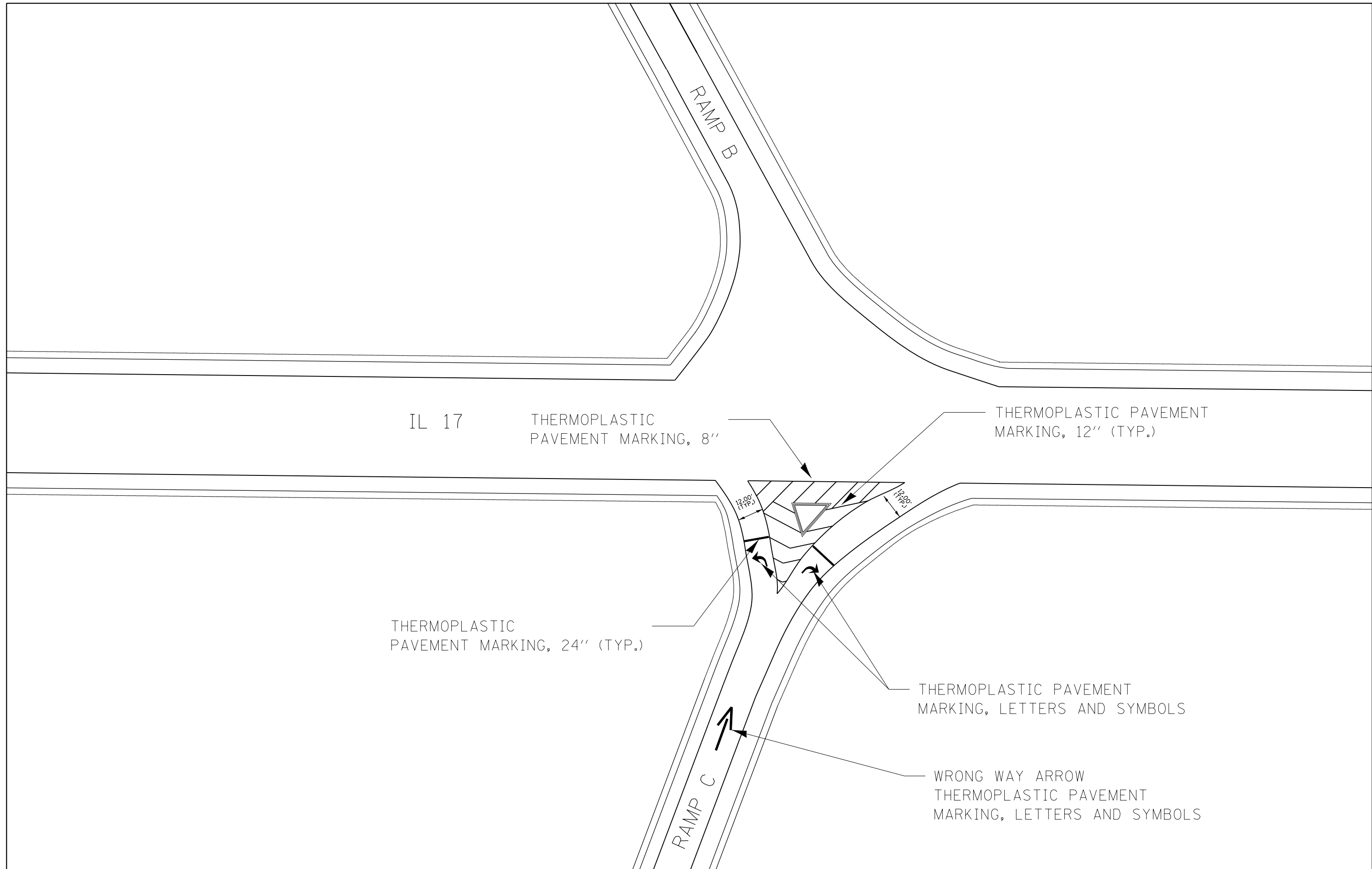
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Default		DRAWN -	REVISED -
	PLOT SCALE = 1/99.9999' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/22/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	53
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				



IL 17

THERMOPLASTIC PAVEMENT MARKING, 8"

THERMOPLASTIC PAVEMENT MARKING, 12" (TYP.)

THERMOPLASTIC PAVEMENT MARKING, 24" (TYP.)

THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS

WRONG WAY ARROW THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS

RAMP B

RAMP C

FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default	PLOT SCALE = 1/99.9999' / in.	DRAWN -	REVISED -
	PLOT DATE = 1/22/2015	CHECKED -	REVISED -
		DATE -	REVISED -

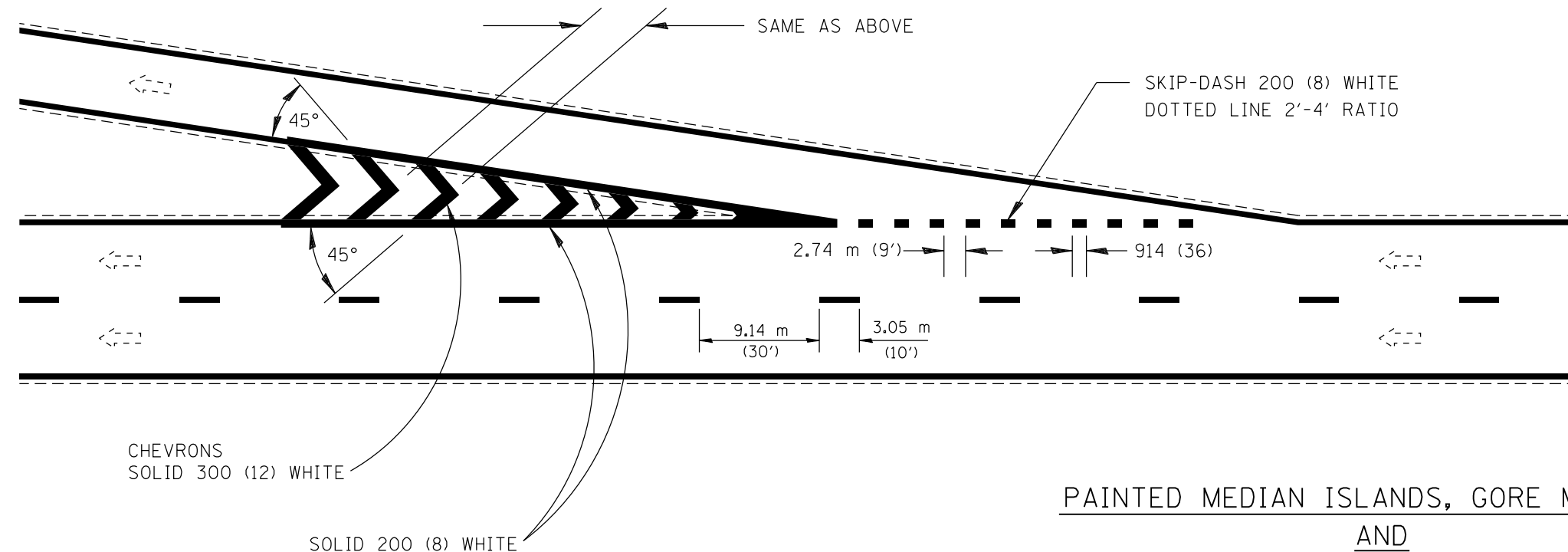
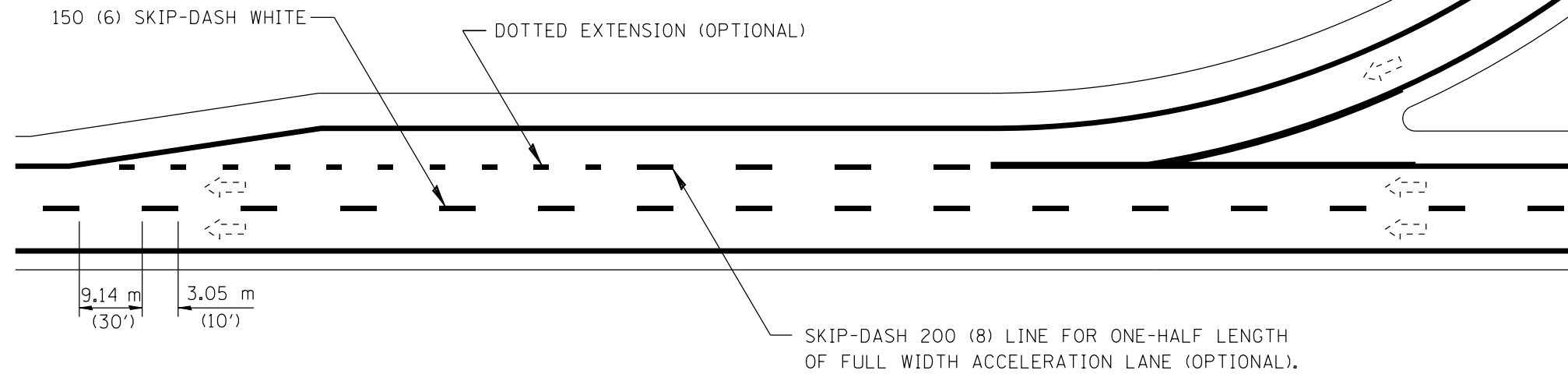
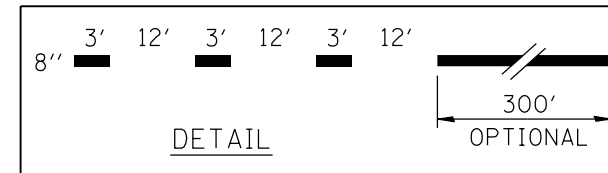
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	54
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

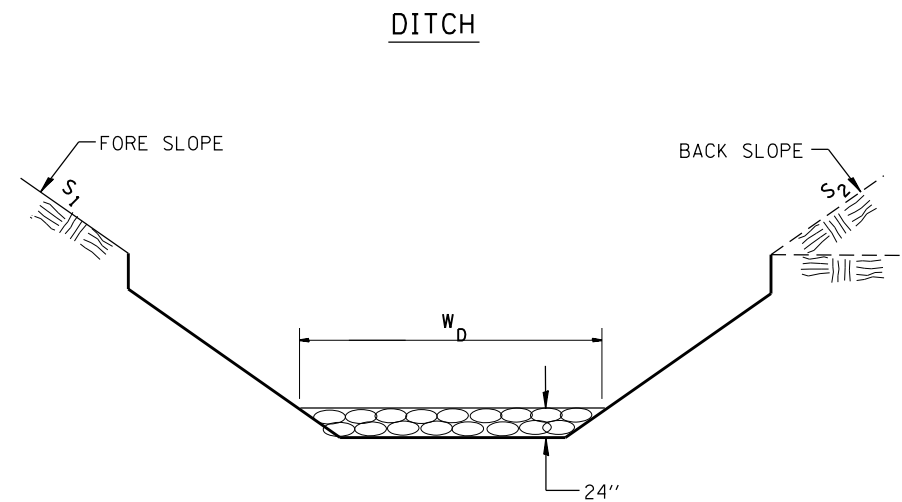
A - PARALLEL ACCELERATION LANE



PAINTED MEDIAN ISLANDS, GORE MARKINGS
AND
CHANNELIZING LINES

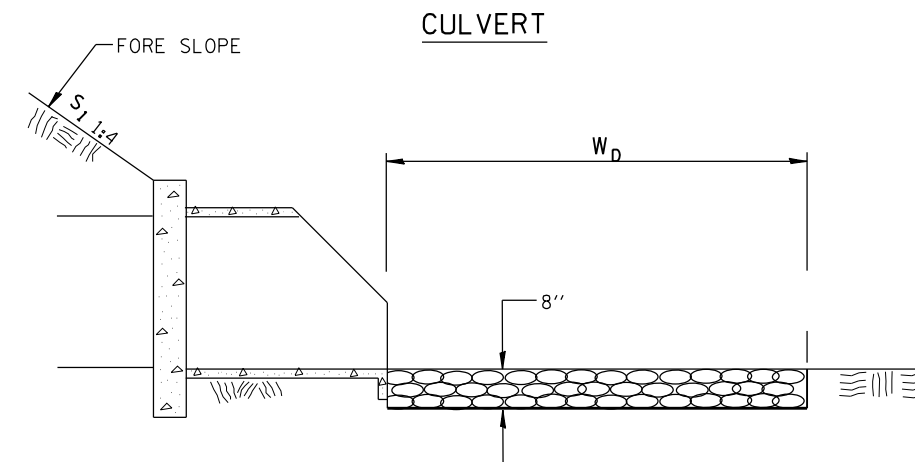
All dimensions are in millimeters
(inches) unless otherwise noted.

FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAIL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	Default	PLOT SCALE = 199.9999' / in.	DRAWN -					REVISED -	39	62-12,3RS	MARSHALL	113
	PLOT DATE = 1/22/2015	CHECKED -	REVISED -		SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.	CONTRACT NO. 68B71	
											ILLINOIS FED. AID PROJECT	



STONE DUMPED RIPRAP CLASS A 3				
LOCATION	OFFSET	WIDTH (1)	LENGTH	RIPRAP
STATION	(EOP) lin ft	lin ft	lin ft	SQ YD
SB I 39 ML STA 199+00 - RAMP D STA 8+50 OUTTER DITCH	± 45 LT	3	2043	681
NB I 39 ML STA 200+50 - RAMP C STA 10+20 OUTTER DITCH	± 45 LT	3	1770	590
TOTAL				1271

(1) WIDTH = W_D



STONE RIPRAP CLASS A 3				
LOCATION	OFFSET	WIDTH (1)	LENGTH	RIPRAP
STATION	(EOP) lin ft	lin ft	lin ft	SQ YD
NB LANE				
255+00	50 RT	30	25	83
262+10	50 RT	30	25	83
296+50	50 RT	30	25	83
501+40 *	50 RT	40	20	89
SB LANE				
254+50 **	50 LT	30	20	67
262+10	50 LT	30	25	83
296+50	50 LT	20	25	56
TOTAL				544

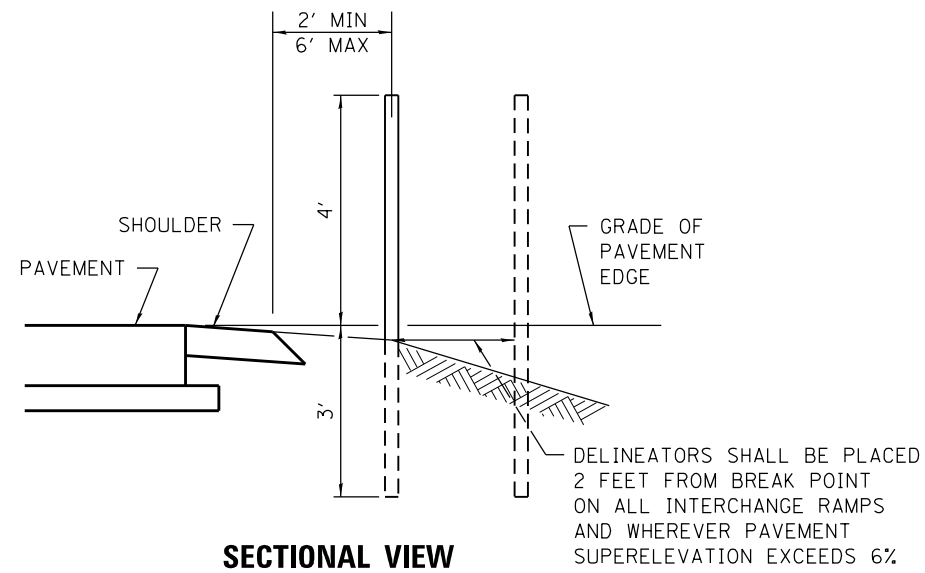
(1) WIDTH = W_D

- BACKFILLING AND GRADING THE ERODED AREA OF THE EXISTING DITCH PRIOR TO THE PLACEMENT OF RIPRAP SHALL BE INCIDENTAL TO "STONE RIPRAP CLASS A3"
- THE REMOVAL OF THE EXISTING FAILED PRECAST BLOCK REVENTMENT MAT SHALL BE INCIDENTAL TO "STONE RIPRAP CLASS A3"

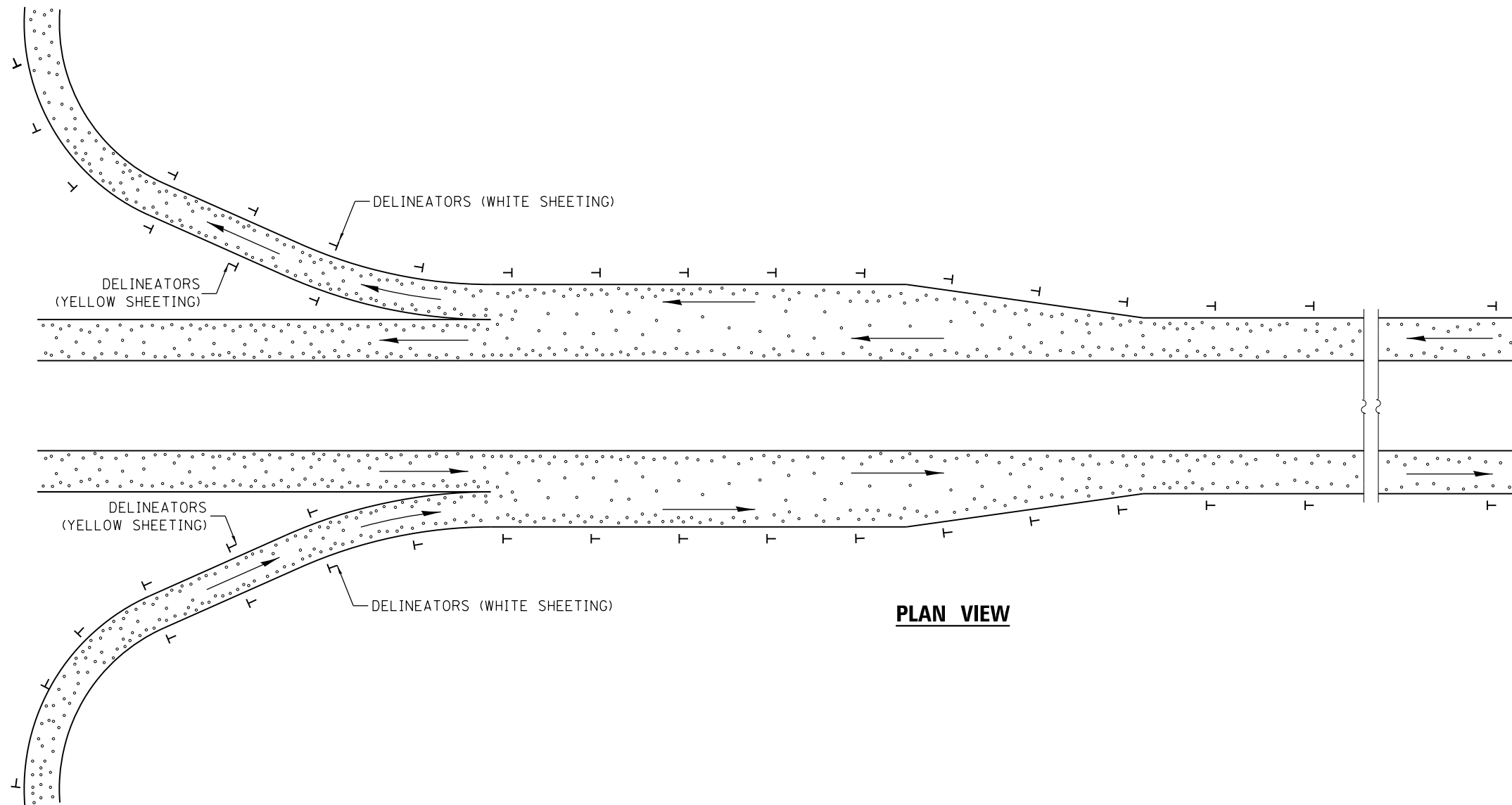
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

**SPACING FOR
RECOVERABLE DELINEATORS
ON HORIZONTAL CURVES**



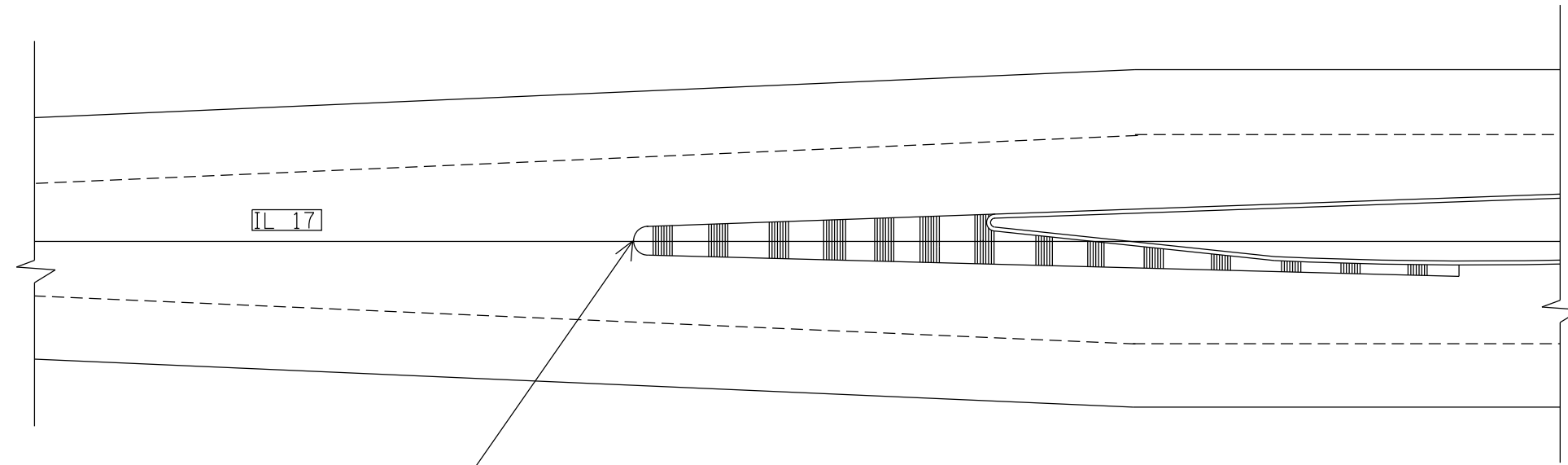
LOCATION	RADIUS OF CURVE (FEET)	SPACING ON CURVE (FEET)
IL 17 INTERCHANGE		
RAMP A	1206	100
RAMP B	848	80
RAMP C	1042	90
RAMP D	848	80
I-39 MAINLINE		
CURVE 1		200
CURVE 2		200
CURVE 3		200
CURVE 4		200



GENERAL NOTES

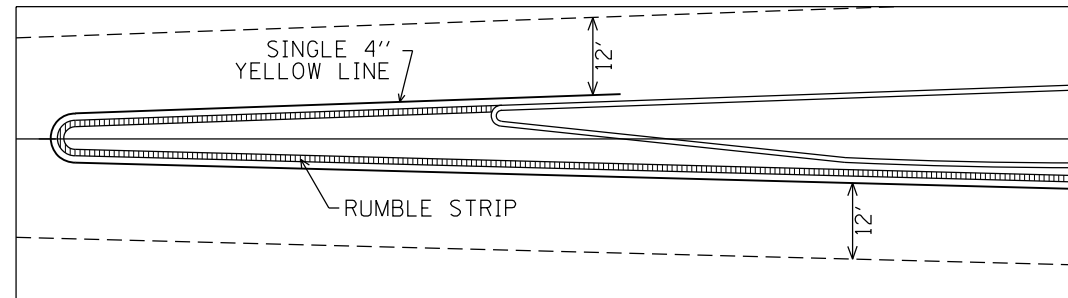
DELINEATORS ON MAINLINE SHALL BE PLACED AT 400' SPACING ON TANGENT SECTIONS, AND 200' SPACING ON CURVED SECTIONS.

DELINEATORS ON RAMP, SHALL BE PLACED AS FOLLOWS:
 1. ON TANGENT SECTIONS, ACCELERATION LANES AND DECELERATION LANES AT MAXIMUM SPACING OF 100'.
 2. ON OUTSIDE OF ALL CURVED SECTIONS.
 (SEE TABLE ABOVE FOR SPACING)



EXISTING C-2 CORRUGATED MEDIAN
 PARTIAL REMOVAL
 STA. 88+30 - STA. 90+43
 & STA. 109+56 - STA. 111+70

NOTE: C-2 CORRUGATED MEDIAN SHALL BE PARTIALLY
 REMOVED AND WILL RECEIVE HMA OVERLAY.
 RUMBLE STRIP SHALL BE PLACED INSIDE
 EXISTING MEDIAN EDGE, IN ACCORDANCE WITH
 STATE STANDARD 642001, AND PAVEMENT
 MARKINGS IN ACCORDANCE WITH DISTRICT
 STANDARD 780001.



PROPOSED RUMBLE STRIP MEDIAN OUTLINE
 PLACED PER STATE STANDARD 642001

FILE NAME =
 D468B71-sht-cover.dgn
 Default

USER NAME = aubreygs
 PLOT SCALE = 1/99.9999' / in.
 PLOT DATE = 1/22/2015

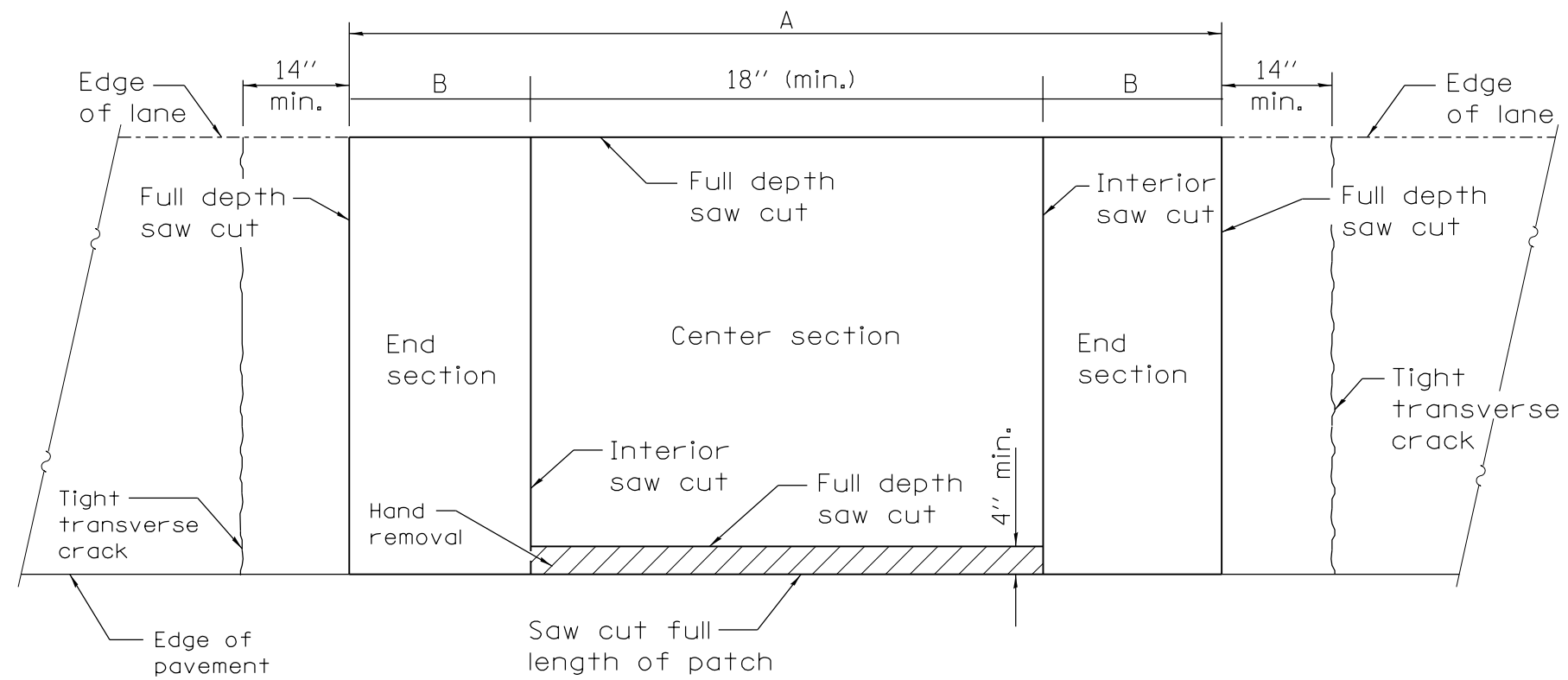
DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

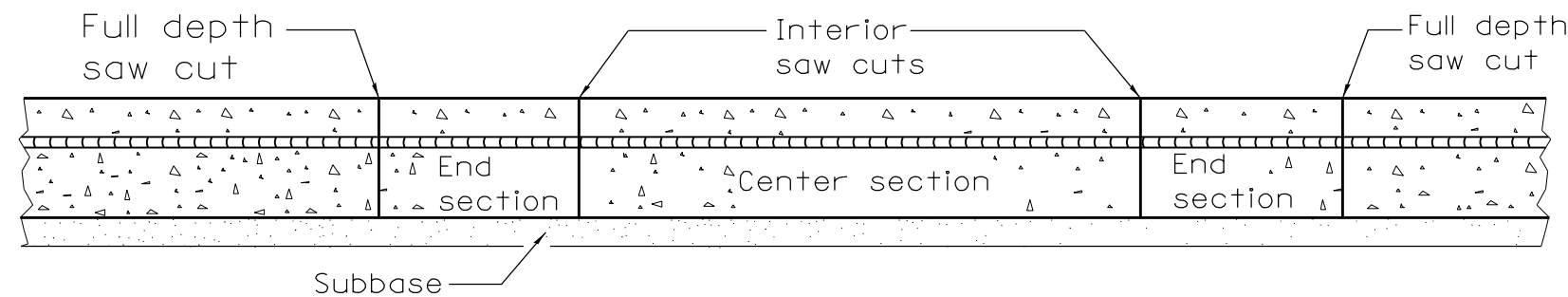
IL 17
 RUMBLE MEDIAN LOCATION DETAIL
 SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	58
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				



PAVEMENT SAWING DETAIL
(PCC SHOULDER)

EXISTING REINFORCEMENT BARS	A (min.)	B (min.)	C (min.)
No. 7	5'-6"	24"	22"
Fabric	5'-0"	21	18



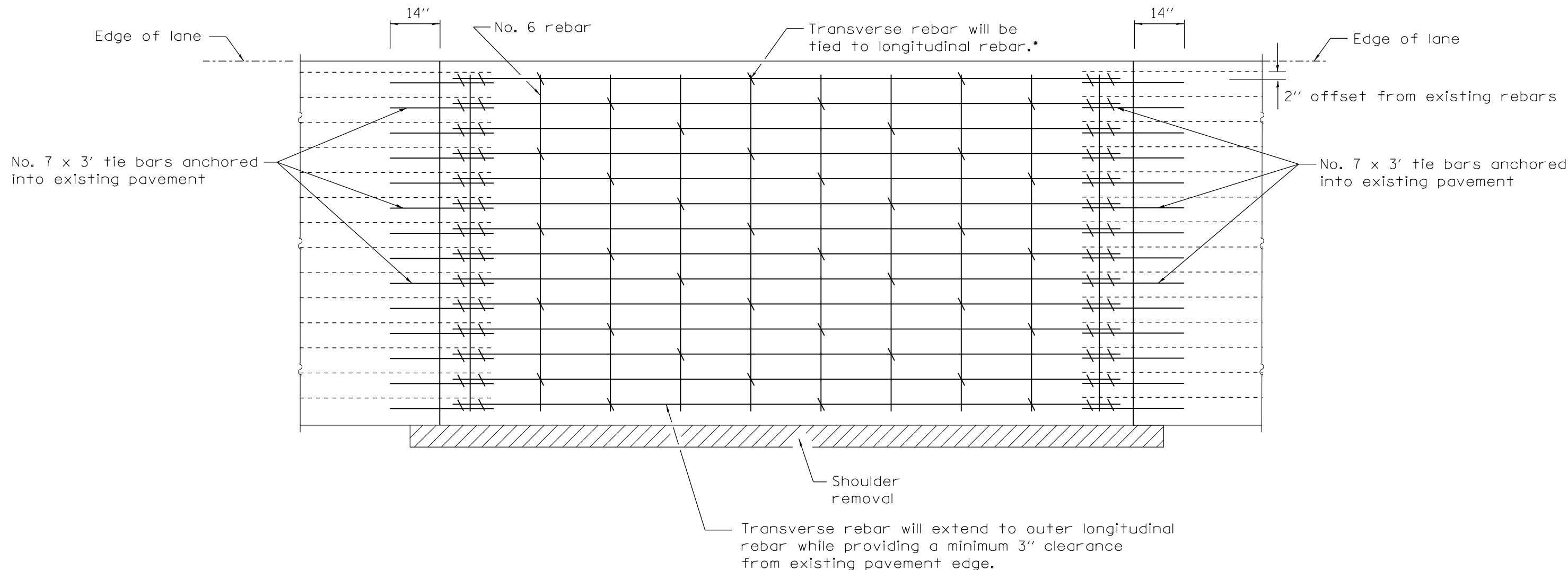
SAW CUT DETAIL

GENERAL NOTES

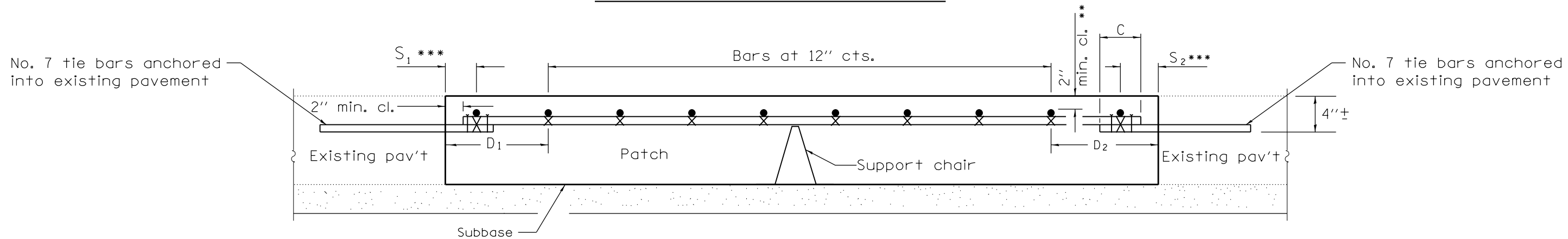
When patching two adjacent lanes in one operation, the longitudinal joint shall be a longitudinal sawed joint as detailed on Standard 420001; however, the groove may be either preformed or sawed.

At the edges of the patch, c=16" +/-.

The #7 bars to be drilled in the existing pavement shall be incidental to "PATCHING REINFORCEMENT."



PAVEMENT REINFORCEMENT DETAIL



PATCHING DETAIL

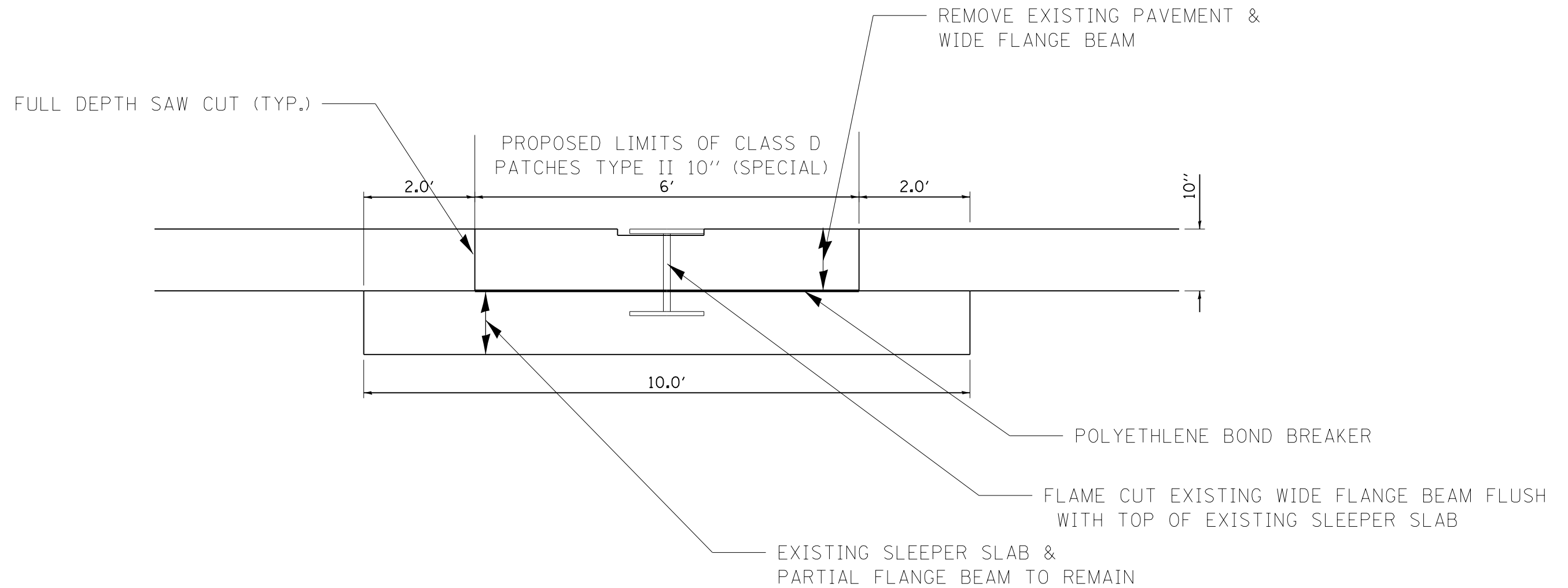
* Every 3rd intersection must be tied.

** When the minimum clearance cannot be obtained with the transverse bar on top then the transverse rebar shall be tied to the bottom of the longitudinal rebar.

*** Variable: Where S_1 and S_2 are $2\frac{1}{2}$ " min. and 12" max. $D_1 = 2(S_1)$ and $D_2 = 2(S_2)$.

FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS A PATCHES (SPECIAL) DETAIL		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/99.9999' / in.	DRAWN -	REVISED -				39	62-12,3JRS	MARSHALL	113	60
Default	PLOT DATE = 1/22/2015	CHECKED -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	CONTRACT NO. 68B71
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT

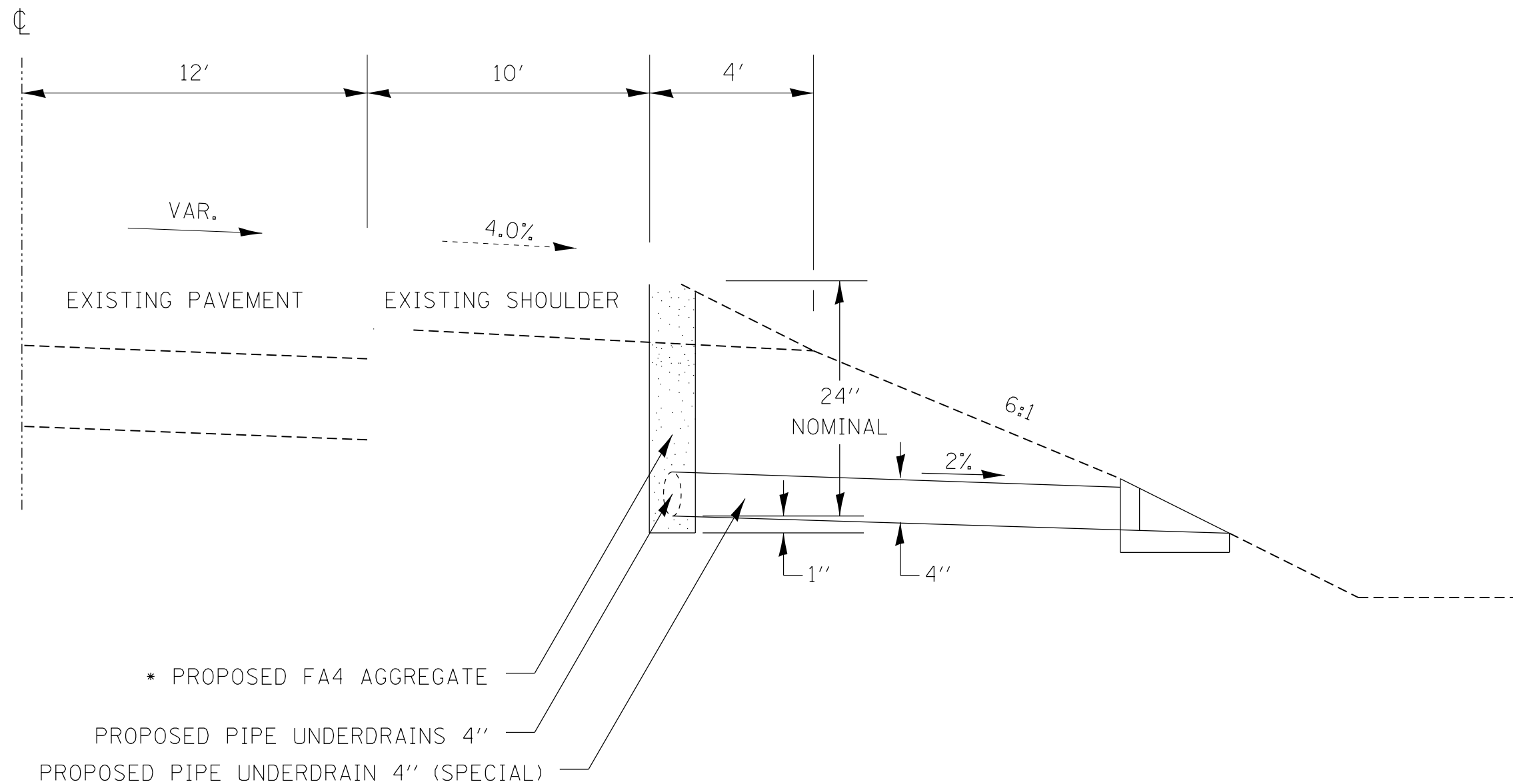
LOCATIONS:			
NB LANE		SB LANE	
S.N. 062-0052	STA. 164+52	S.N. 062-0051	STA. 163+72
	STA. 168+10		STA. 167+29
S.N. 062-0046	STA. 394+33	S.N. 062-0045	STA. 394+46
	STA. 398+08		STA. 398+34



NOTES:

1. EXISTING WIDE FLANGE BEAM JOINTS SHALL BE REMOVED AND REPLACED WITH CLASS D PATCHES TYPE II 10" (SPACIAL)
2. WORK SHALL BE DONE IN ACCORDANCE TO APPLICABLE SECTIONS OF ARTICLE 442.08 OF STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
3. ALL WORK, MATERIAL AND THE PLACEMENT OF POLYETHYLENE BOND BREAKER AND REMOVAL OF THE WIDE FLANGE BEAM SHALL BE INCLUDED IN THE UNIT PRICE FOR "CLASS D PATCHES TYPE II 10" (SPECIAL)"

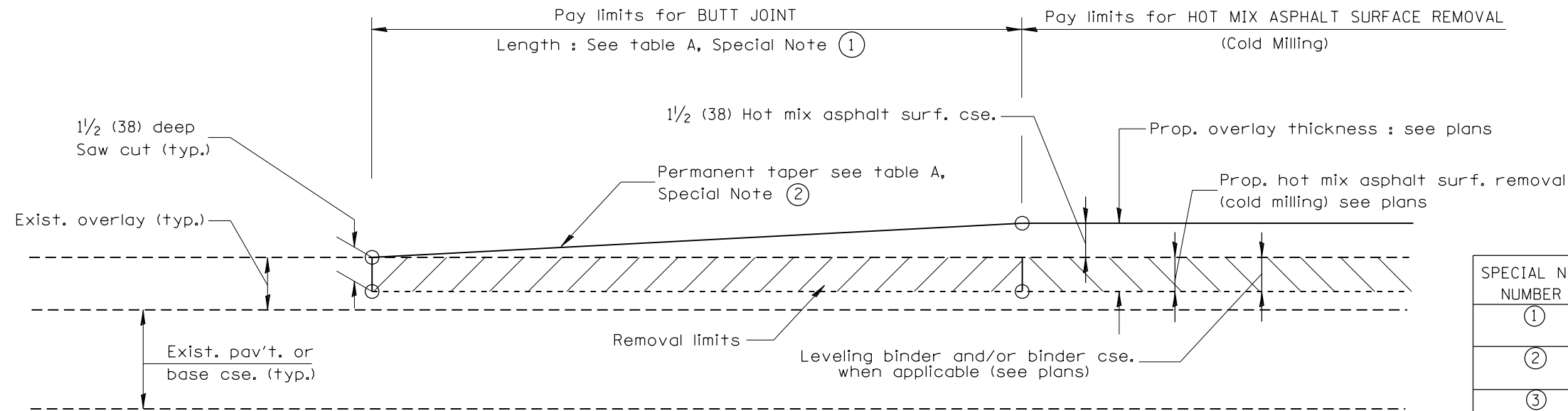
FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WIDE FLANGE BEAM JOINT REMOVAL / CLASS D PATCHES (SPECIAL)	F.A.I. RTE. = 39	SECTION = 62-[2,3]RS	COUNTY = MARSHALL	TOTAL SHEETS = 113	SHEET NO. = 61
	PLOT SCALE = 1/99.9999' / in.	CHECKED -	REVISED -			CONTRACT NO. 68B71				
Default	PLOT DATE = 1/22/2015	DATE -	REVISED -	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				



* AGGREGATE SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAIN 4" AND PIPE UNDERDRAIN 4", (SPECIAL)

FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIPE UNDERDRAIN (SPECIAL) DETAIL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/99.9999' / in.	CHECKED -	REVISED -					39	62-[2,3]RS	MARSHALL	113	62
Default	PLOT DATE = 1/22/2015	DATE -	REVISED -	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT CONTRACT NO. 68B71					

DESIGNER NOTES:
 1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).
 2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).



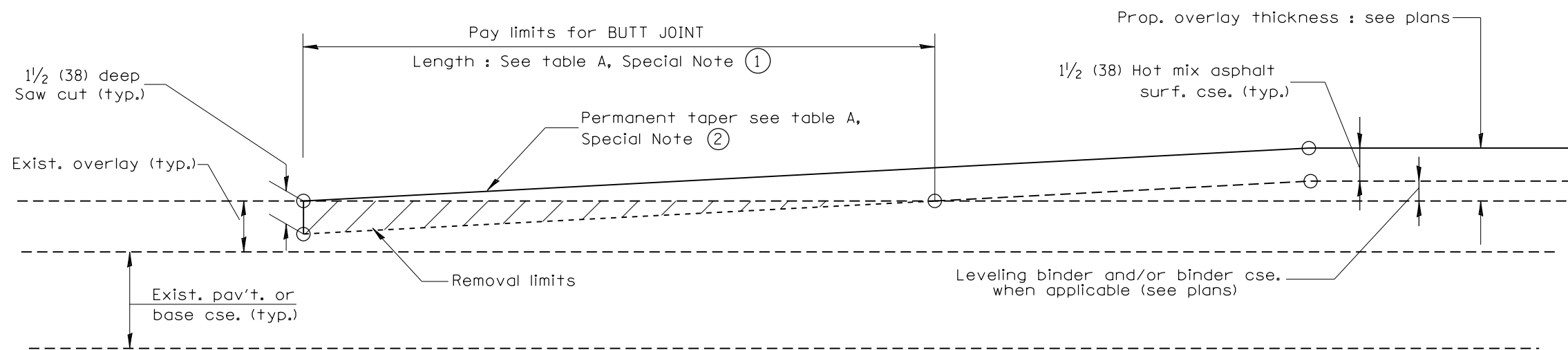
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

GENERAL NOTES

- The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
- The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
- The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



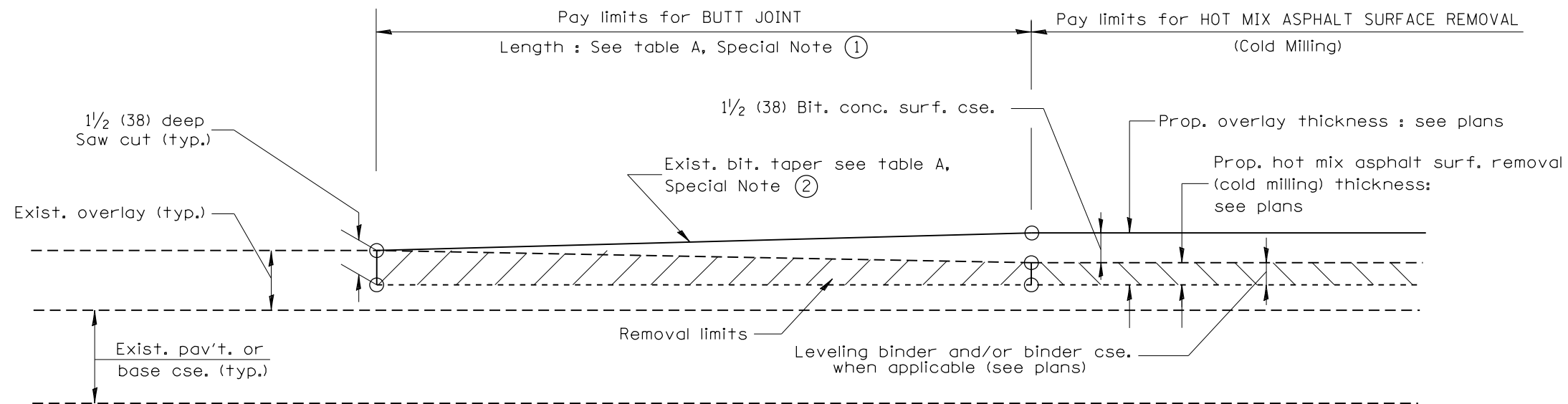
CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

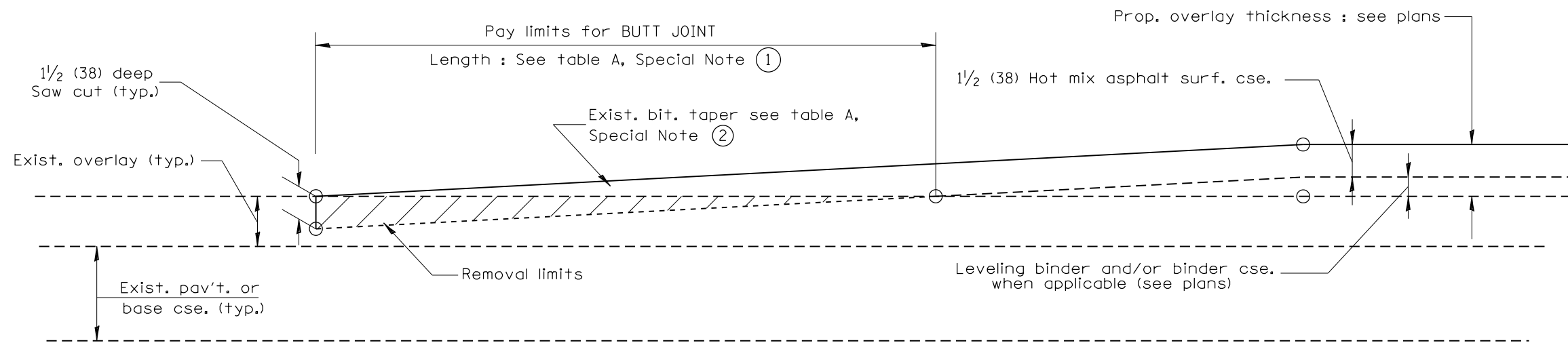
01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
04-01-97	CORRECTION TO DEPTH	J.A.						39	62-[2,3]RS	MARSHALL	113	63	
09-15-05	REVISED DESIGNER NOTE	M.M.A.						CONTRACT NO. 68B71					
10-16-06	REVISED TO 2007 SPEC.	M.A.						SHT. 1 OF 3 CADD STD. 406101-D4					

NOT TO SCALE

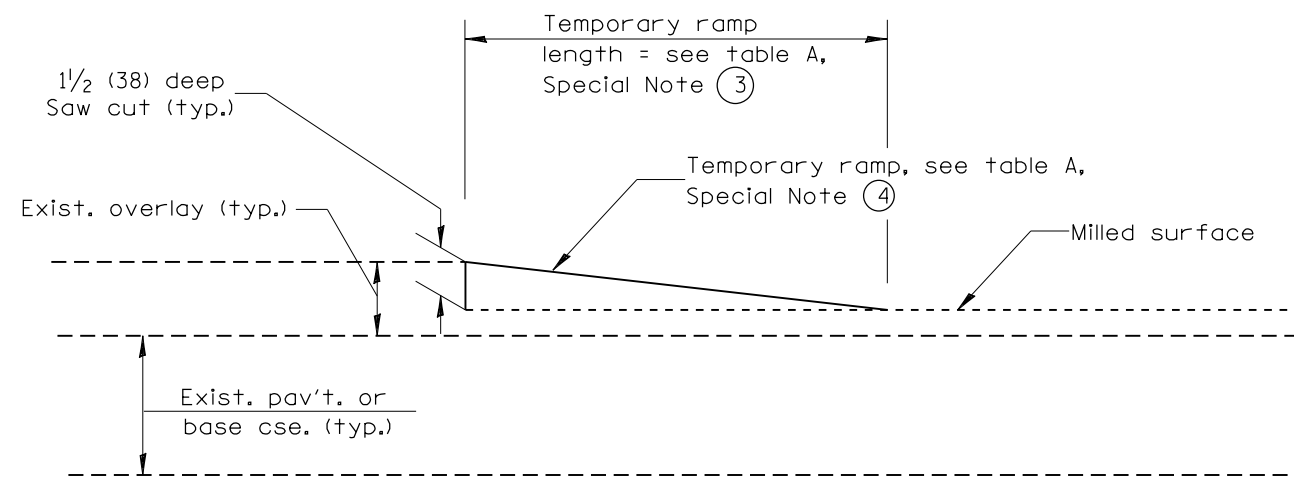
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



**CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



**CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



DETAIL TEMPORARY RAMP

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

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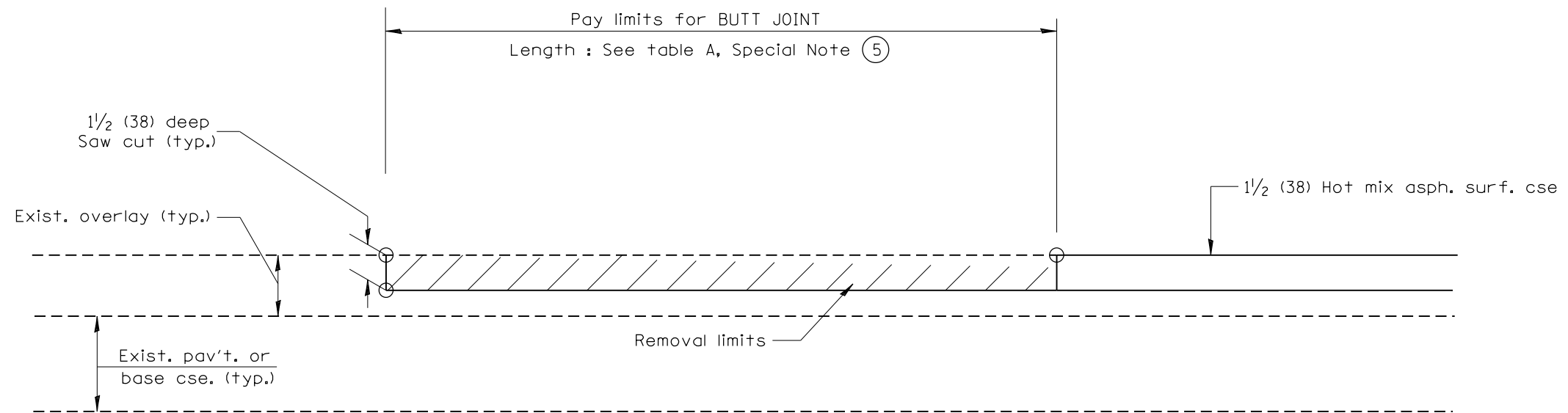
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3
CADD STD. 406101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	64
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B71	



CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

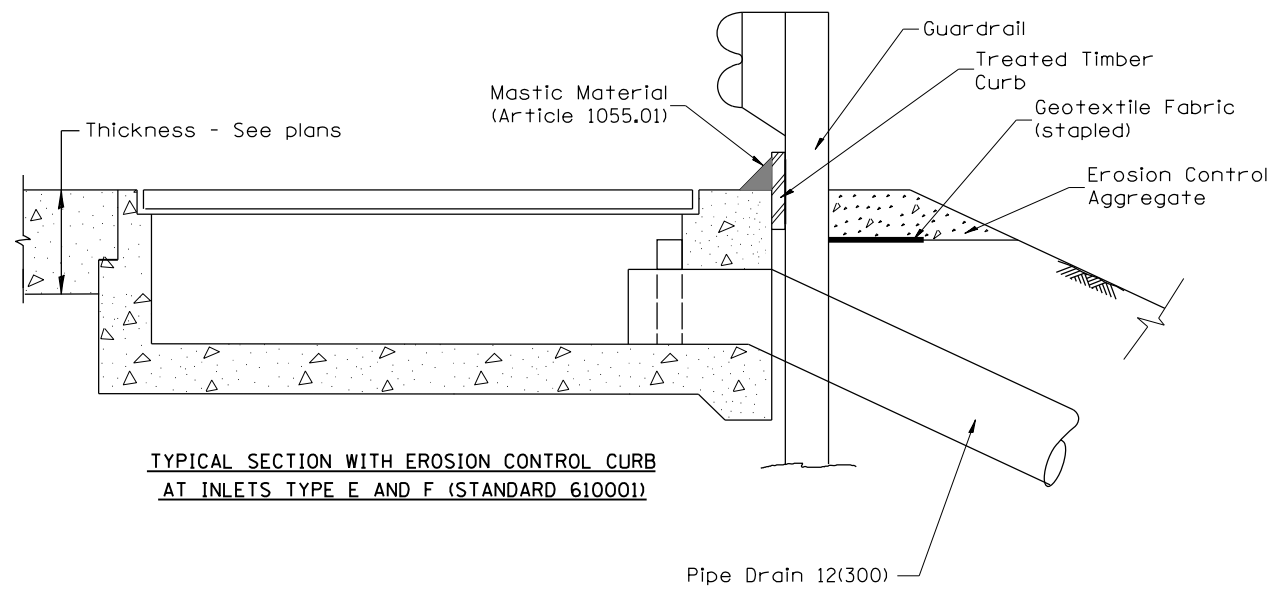
NOT TO SCALE

SHT. 3 OF 3
CADD STD. 406101-D4

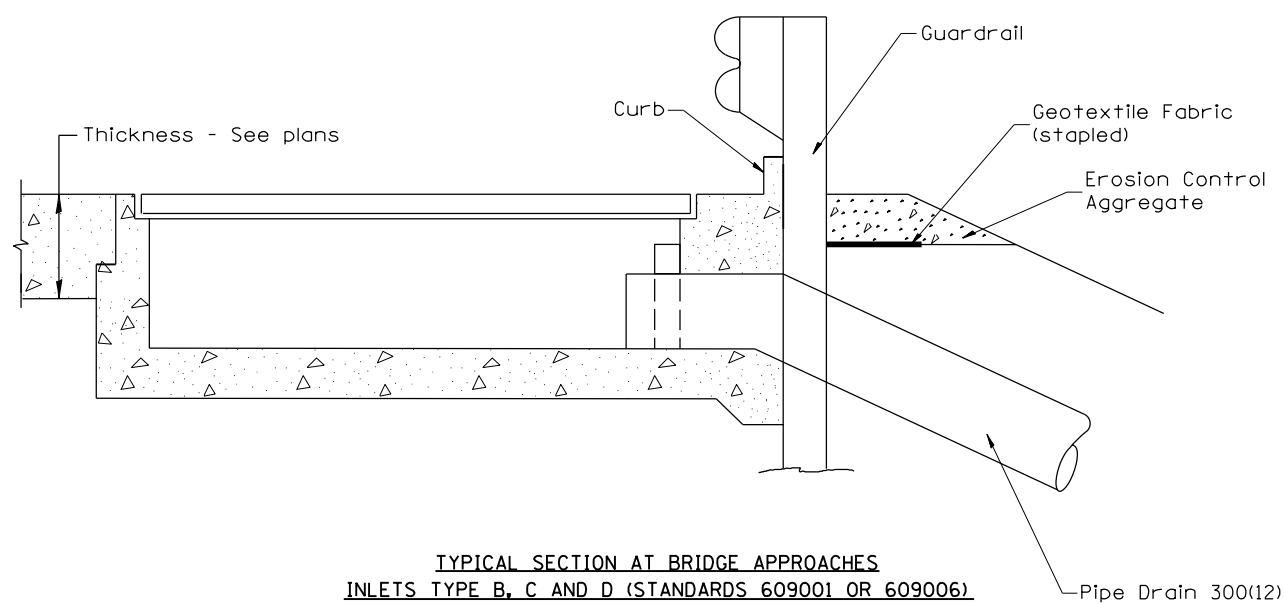
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-[2,3]RS	MARSHALL	113	65
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 68B71	

DESIGNER NOTES:

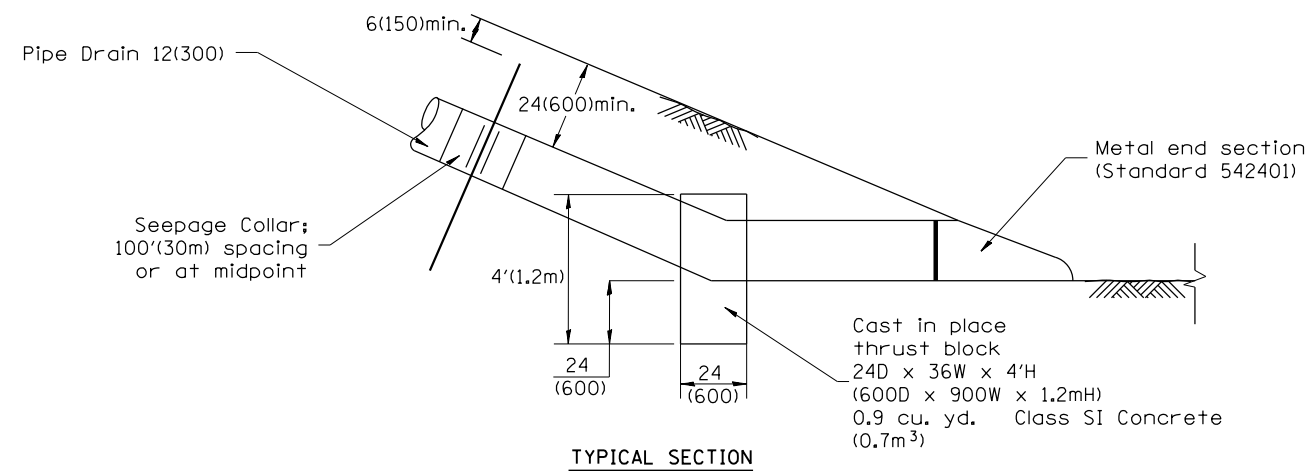
- 2. INCLUDE STATE STANDARDS 609001, 609006 OR 610001, IF APPLICABLE
- 3. INCLUDE DISTRICT CADD STANDARDS FOR "GUARDRAIL EROSION CONTROL TREATMENTS", "SEEPAGE COLLARS FOR BURIED PIPES", AND "PIPE ELBOW"



TYPICAL SECTION WITH EROSION CONTROL CURB AT INLETS TYPE E AND F (STANDARD 610001)



TYPICAL SECTION AT BRIDGE APPROACHES INLETS TYPE B, C AND D (STANDARDS 609001 OR 609006)



TYPICAL SECTION

GENERAL NOTES

1. The material for Pipe Drains shall be bituminous coated galvanized corrugated steel culvert pipe or bituminous coated corrugated aluminum alloy pipe in accordance with Article 601.02(f) or 601.02(i).
2. An approved mastic material (Article 1055.01) shall be applied to the inside of the connecting bands.

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

QUANTITIES	
CALC. BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION	

01-01-97	RENUM. H-1.04, NEW REVISION BOX, REVISED TITLE	T.P.	
	BOX, REVISED DESIGNER NOTES, ADDED QUANTITY		
	CALCULATION BOX		
10-16-06	REVISED TO 2007 SPEC.	M.A.	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

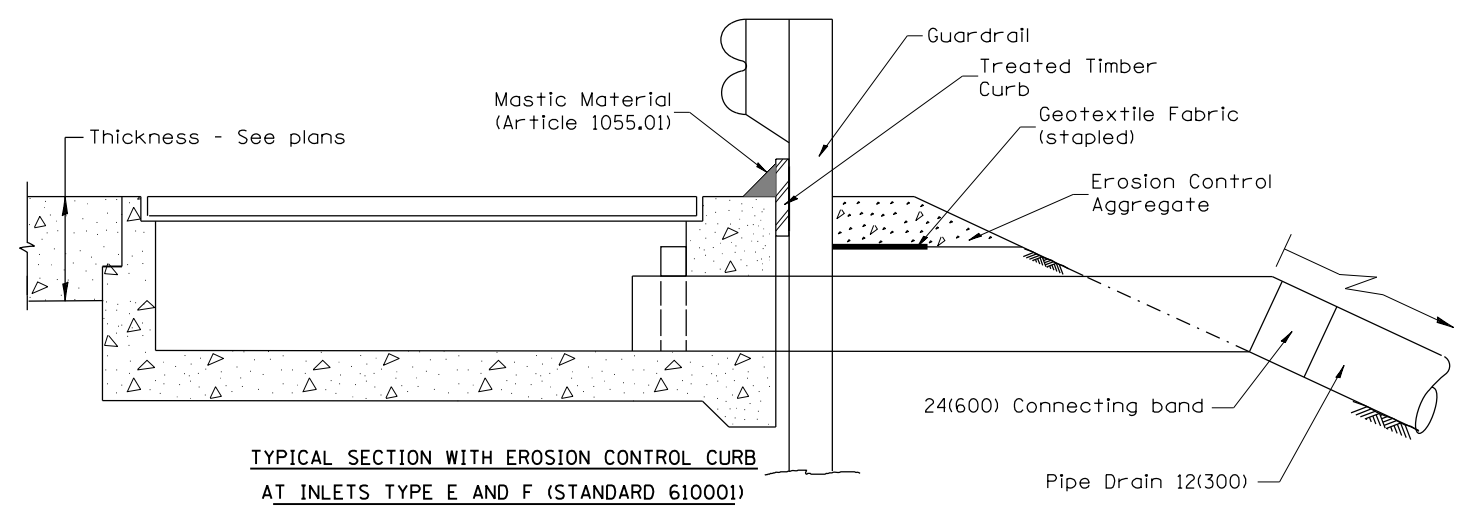
SLOPE DRAIN DETAILS FOR BURIED PIPES

NOT TO SCALE

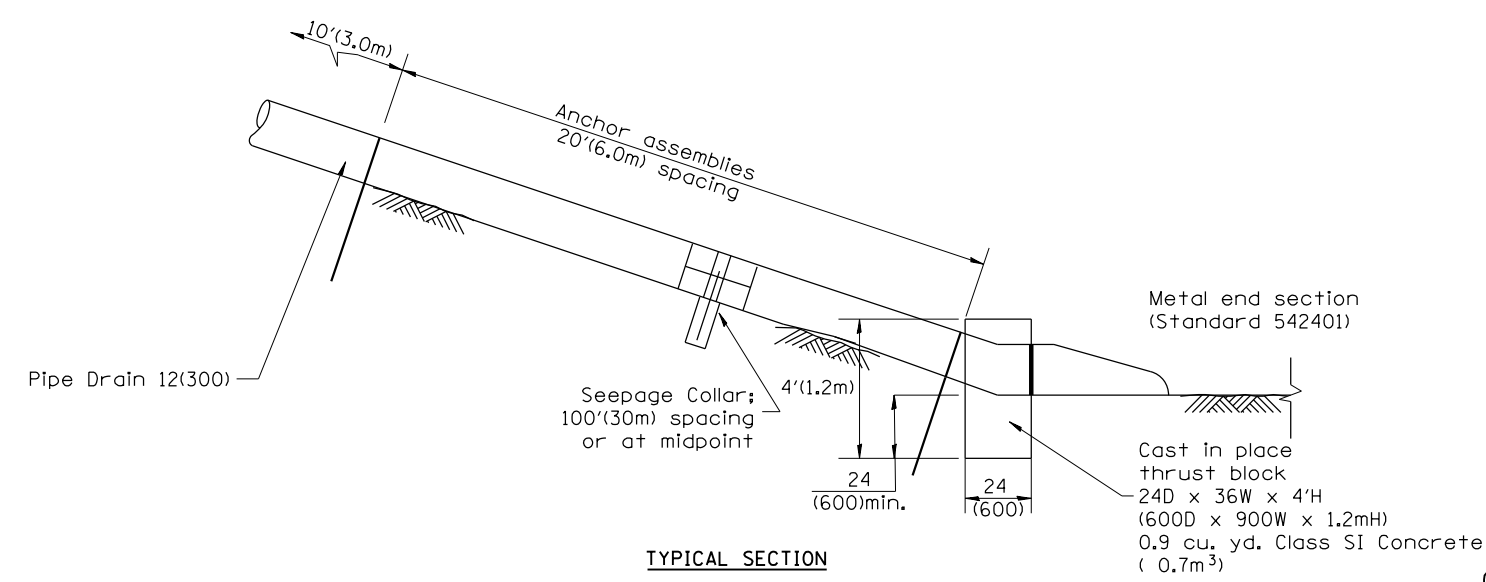
CADD STD. 601101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B71				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

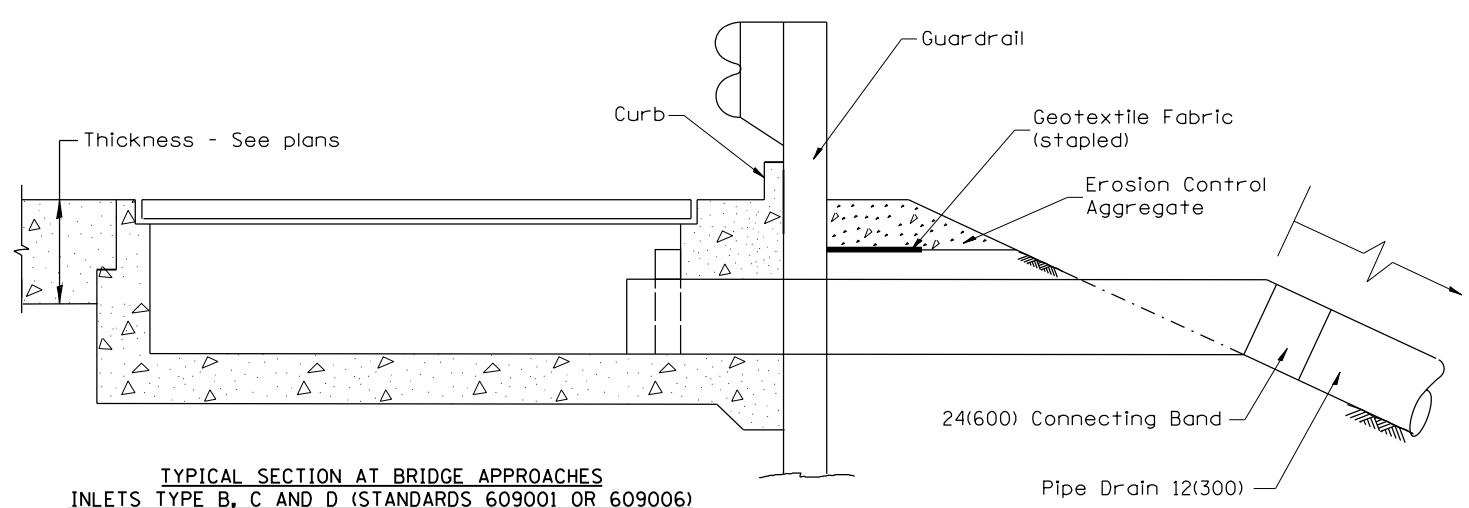
DESIGNER NOTES:
 1. INCLUDE STATE STANDARD 542401.
 2. INCLUDE STATE STANDARDS 610001, 609001 OR 609006, IF APPLICABLE
 3. INCLUDE DISTRICT CADD STANDARDS FOR "GUARDRAIL EROSION CONTROL TREATMENT,"
 "SEEPAGE COLLARS FOR EXPOSED PIPES," AND "PIPE ELBOW."
 4. EXPOSED PIPES ARE FOR SPECIAL USE WHERE AESTHETICS ARE NOT A CONSIDERATION. D.E. APPROVAL IS REQUIRED.



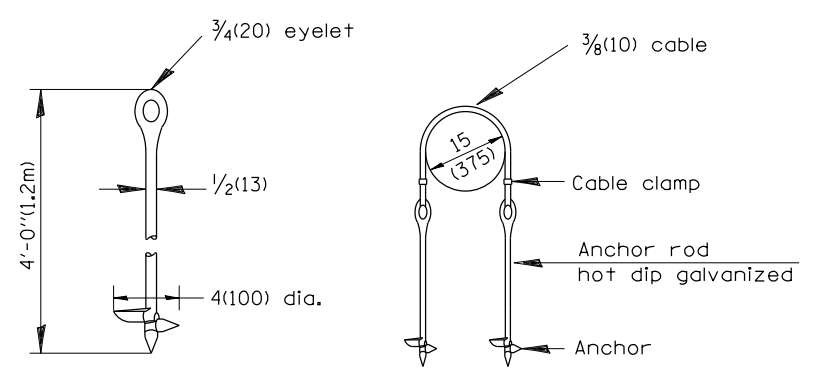
TYPICAL SECTION WITH EROSION CONTROL CURB
 AT INLETS TYPE E AND F (STANDARD 610001)



TYPICAL SECTION



TYPICAL SECTION AT BRIDGE APPROACHES
 INLETS TYPE B, C AND D (STANDARDS 609001 OR 609006)



ANCHOR DETAILS

GENERAL NOTES

1. The material for Pipe Drains shall be pre-coated galvanized corrugated steel culvert pipe in accordance with Article 1006.01(c). All connecting bands shall be pre-coated and have a minimum width of 24(600)
2. An approved mastic material (Article 1055.01) shall be applied to the inside of the connecting bands.

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

QUANTITIES	
CALC. BY:	DATE:
CHECKED BY:	DATE:
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION	

01-01-97	RENUM. H-1.03, NEW REVISION BOX, REVISED TITLE BOX,	T.P.
	REVISED DESIGNER NOTES, ADDED CALCULATION BOX	
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

SLOPE DRAIN DETAILS FOR EXPOSED PIPES

CADD STD. 601106-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	67
CONTRACT NO. 68B71				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES: 1. Use with District CADD Standards: Slope Drains, Buried Pipe and/or Slope Drains - Exposed Pipe

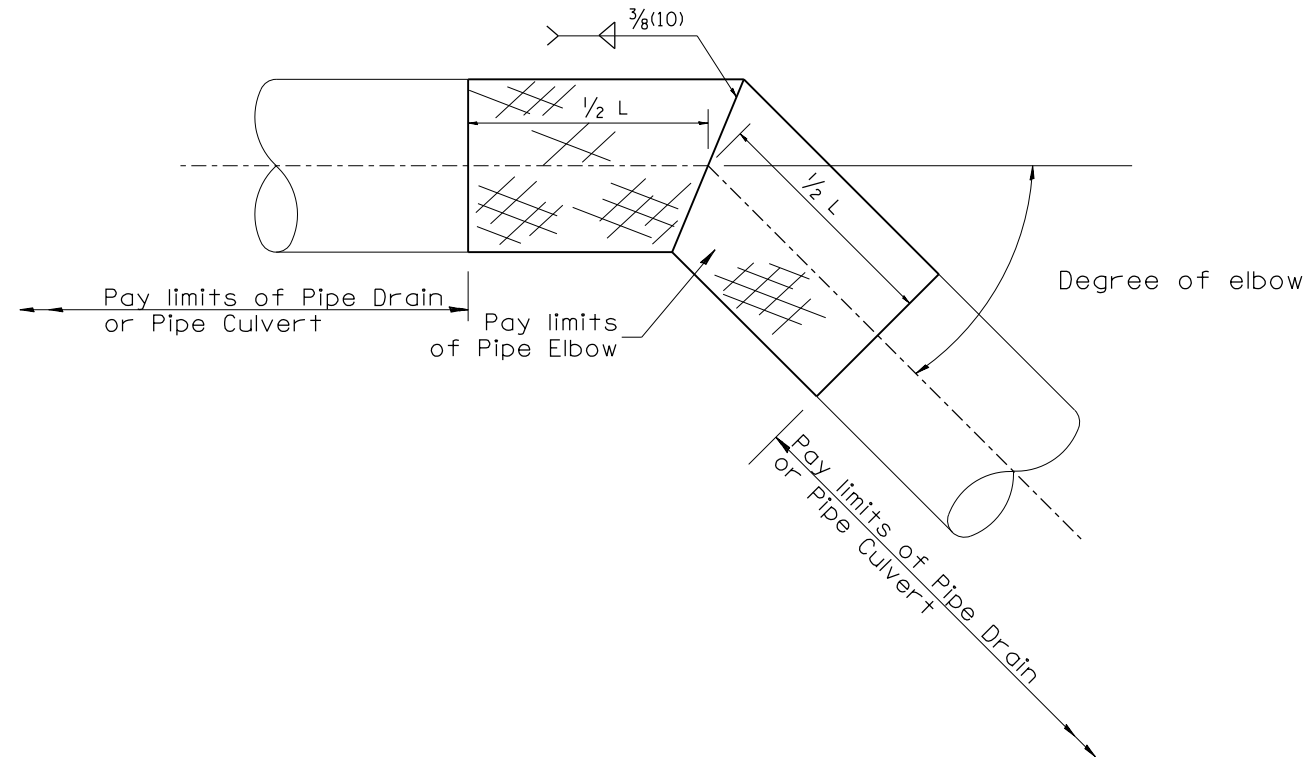
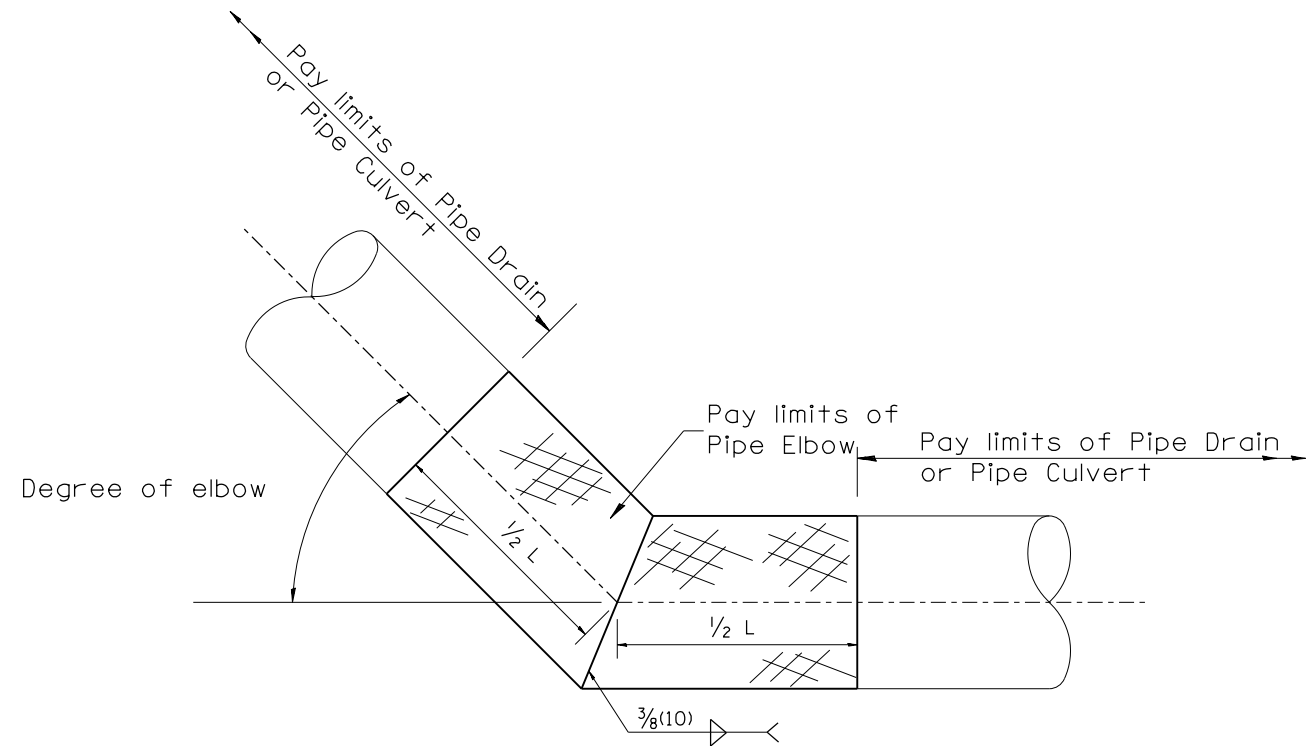


TABLE A		
ELBOW DESIGN CONTROLS		
PIPE DIAMETER	L = Pay limits of Pipe Elbow and minimum length of pipe required for fabrication	
	DEGREE OF ELBOW ≤ 45°	DEGREE OF ELBOW ≥ 46°
12(300)	24(600)	4'(1.22M)
15(375)	24(600)	4'(1.22M)
18(450)	24(600)	4'(1.22M)
21(525)	24(600)	4'(1.22M)
24(600)	4'(1.22M)	4'(1.22M)
30(750)	4'(1.22M)	6'(1.83M)
36(900)	4'(1.22M)	6'(1.83M)

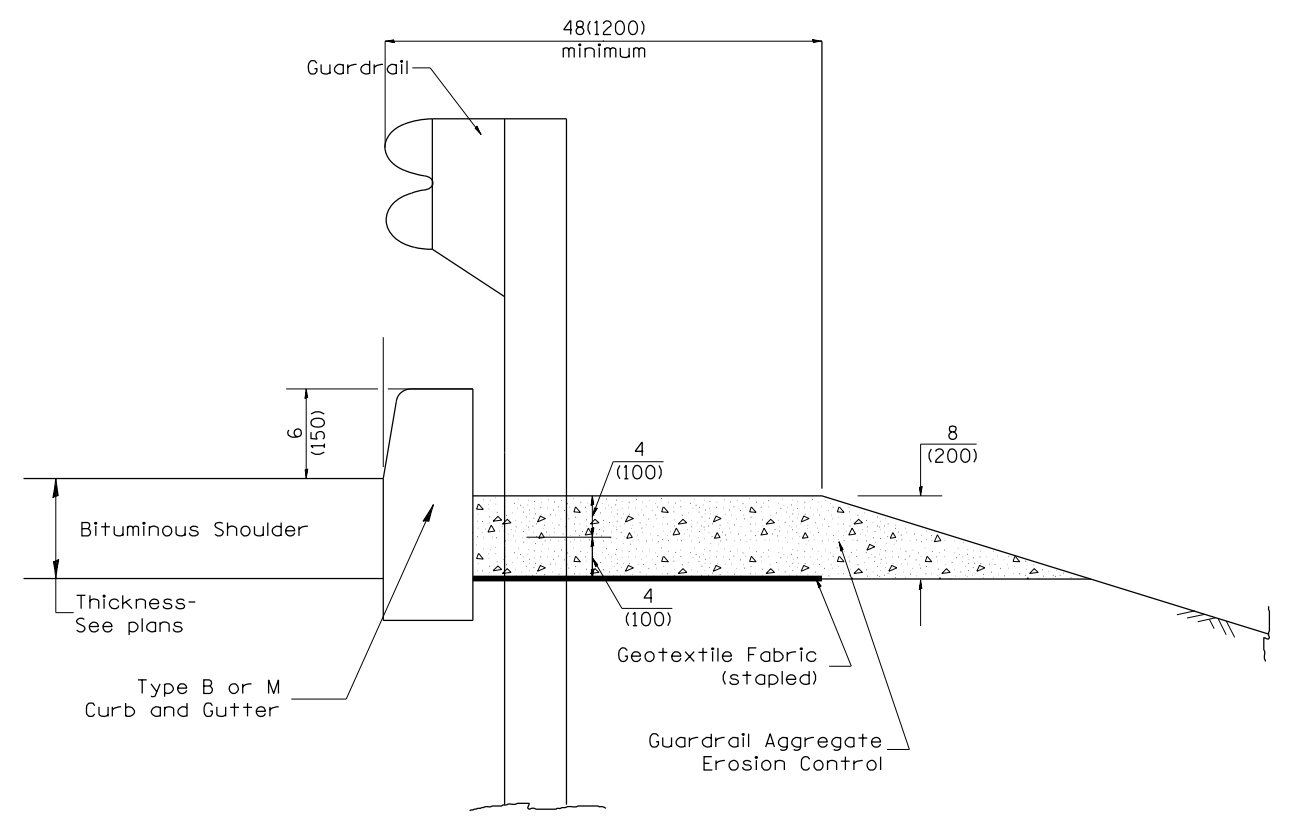
TABLE B	
ELBOW DESIGN CONTROLS	
EARTH SLOPE (V:H)	DEGREE OF ELBOW *
1:6	9°
1:4	14°
1:3	18°
1:2	26°
1:1 1/2	33°

* Approximate - based upon 0.5% inlet and outlet flowlines.

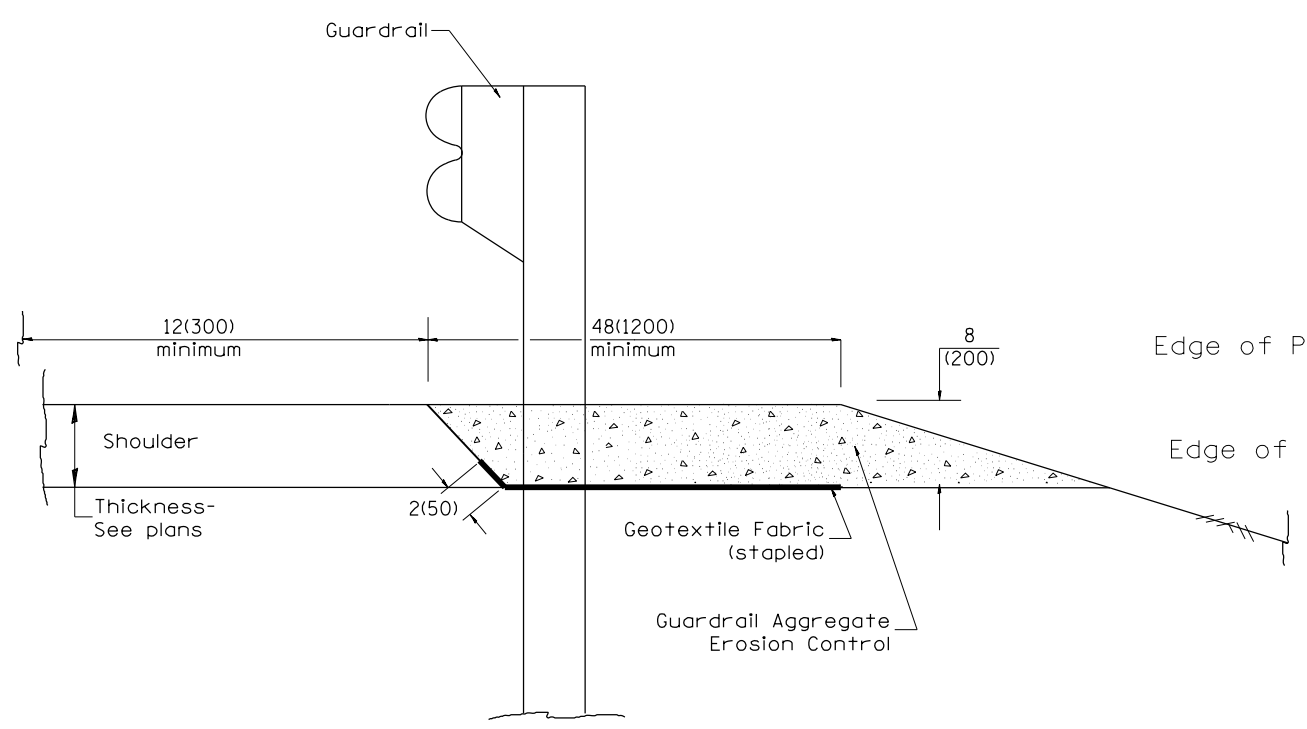


All dimensions are in inches (millimeters) unless otherwise noted.

DESIGNER NOTES:
 1. Consider using a "B" curb pay item at guardrail installations where grades are equal to or greater than 1% and at inlets. (Include District Special Provision)
 2. Use GUARDRAIL AGGREGATE EROSION CONTROL at guardrail installations where grades are less than 1%. (Include District Special Provision)
 3. Include State Standards 609001, 609006 or 610001 if applicable.
 4. Include the following District Cadd Standards as needed: Slope Drains for Exposed Pipes; Slope Drains for Buried Pipes; Seepage Collars for Buried Pipes; Seepage Collars for Exposed Pipes; Concrete Thrust Blocks and Pipe Elbow.
 5. Include District Special Provision "Aggregate Quality" for projects located in the Western Area of the District - approx. dividing line is IL 97.



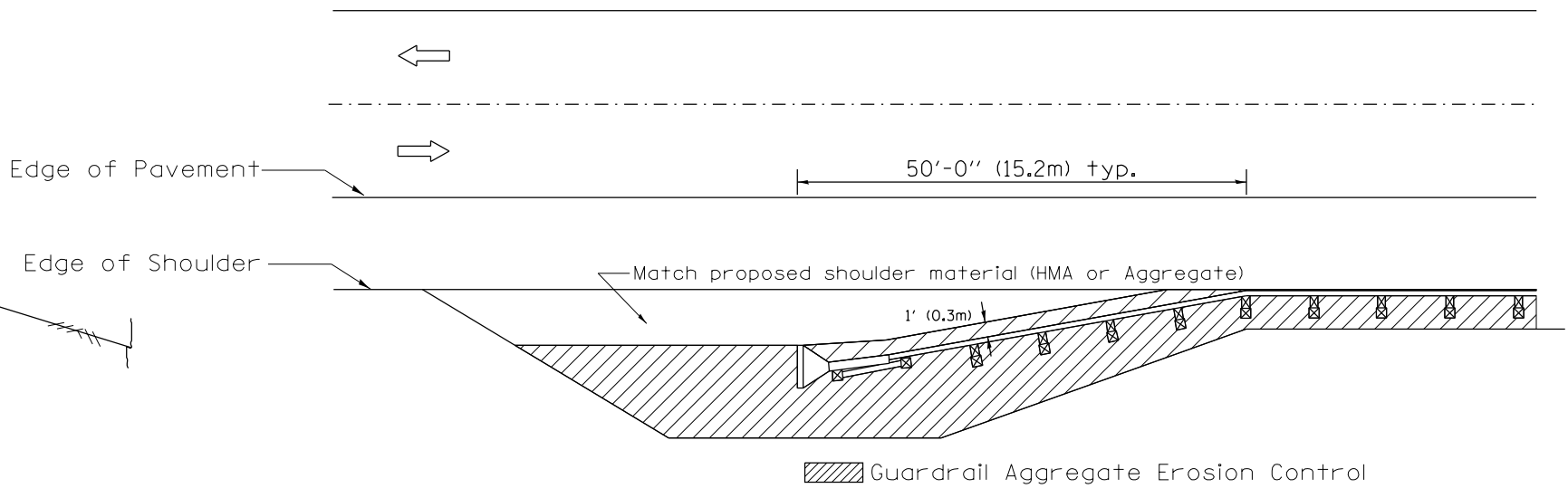
TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



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

01-01-97	RENUM. C-22.01, NEW REVISION BOX	T.P.	3-7-11	Added Detail showing plan view	R.D.
03-01-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.	8-10-12	Revised curb "B" and aggregate	R.D.
11-03-00	CORRECTION TO NOTES	M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

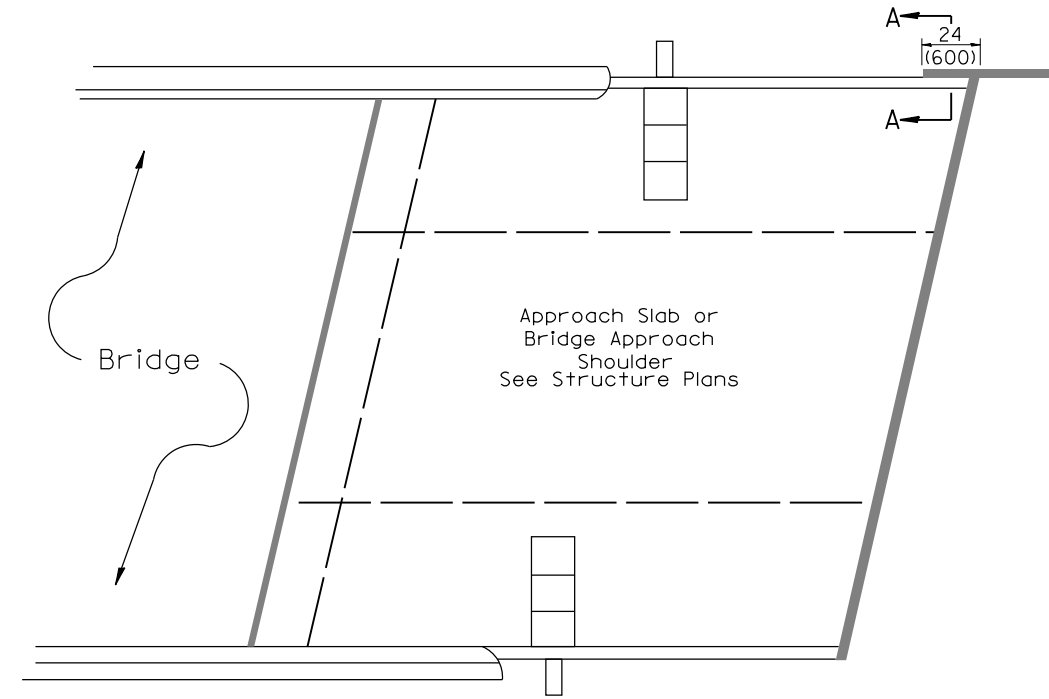
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL EROSION CONTROL TREATMENTS

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 630101-D4

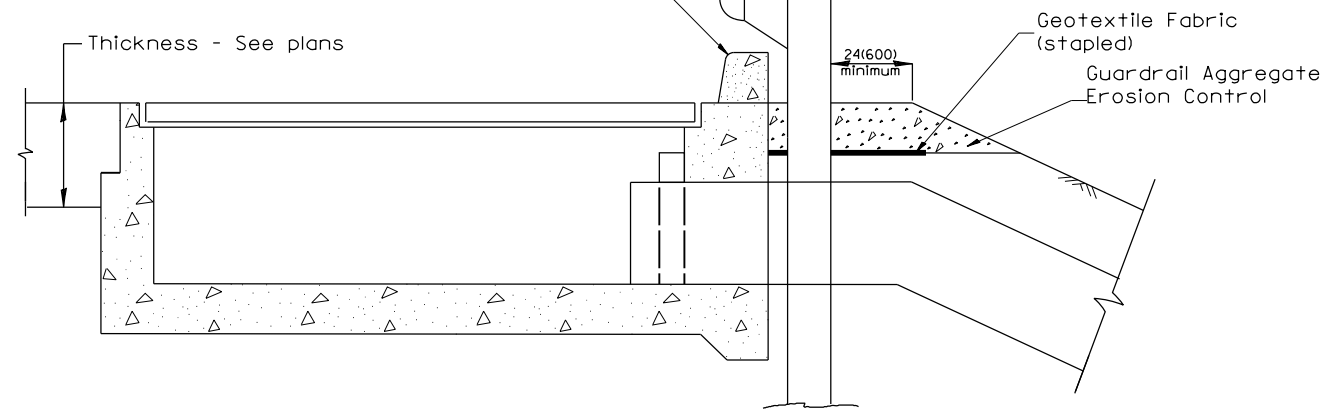
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-[2,3]RS	MARSHALL	113	69
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B71	



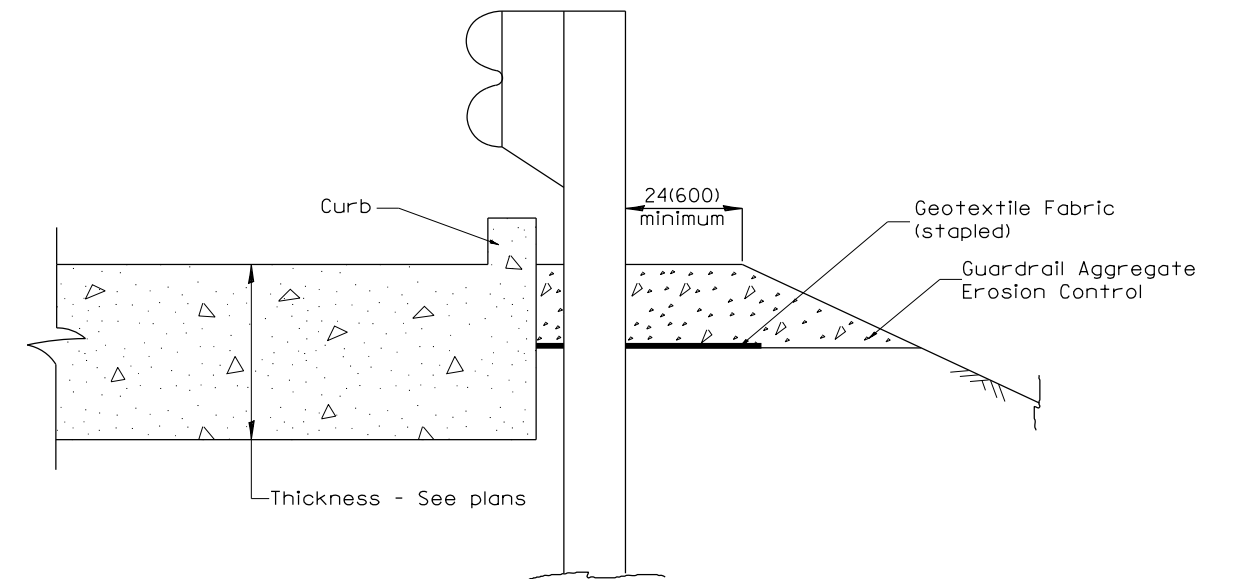
PLAN VIEW

APPROACH SLAB OR BRIDGE APPROACH SHOULDER
(STANDARD 609001 or 609006)

Type B or M curb.
Install an 8' long #4 epoxy coated reinforcement bar across the inlet box. Cut and seal a contraction joint at each edge of the inlet box in accordance with Article 420.12 of the standard specifications.



TYPICAL SECTION AT INLETS
TYPE E & F (STANDARD 610001)



SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

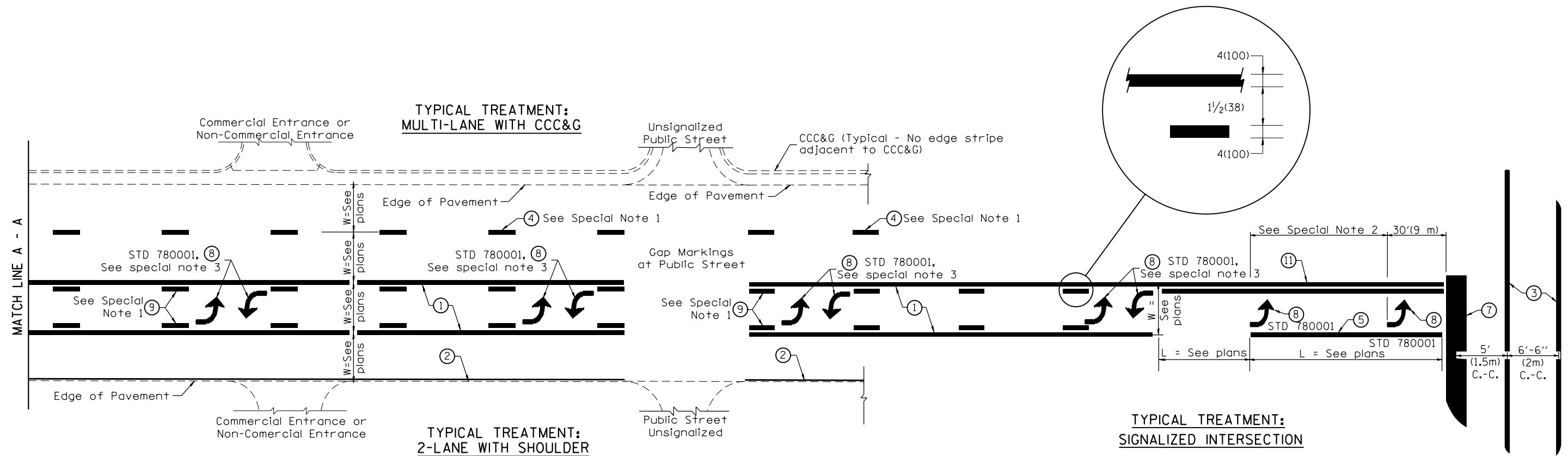
GUARDRAIL EROSION CONTROL TREATMENTS

NOT TO SCALE

SHT. 2 OF 2
CADD STD. 630101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-[2,3]RS	MARSHALL	113	70
CONTRACT NO. 68B71				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.		
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.		
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.		

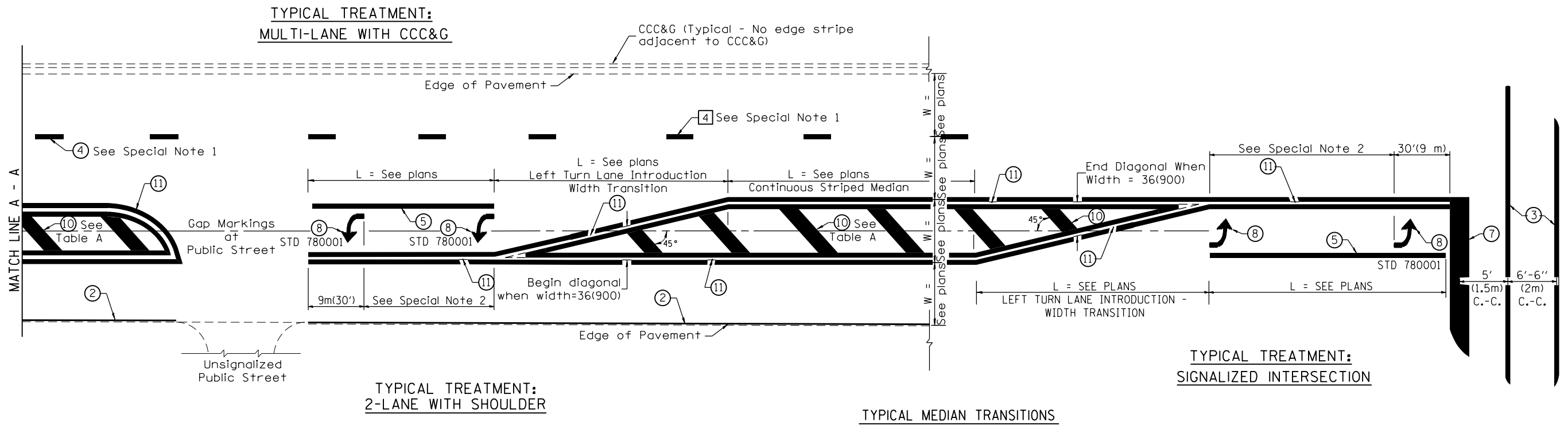
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

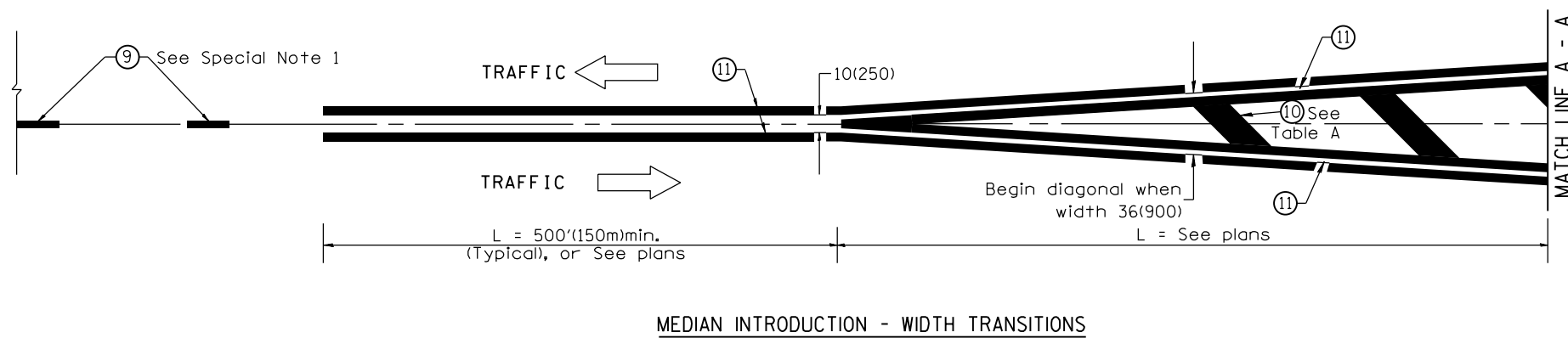
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-[2,3]RS	MARSHALL	113	71
CONTRACT NO. 68B71				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

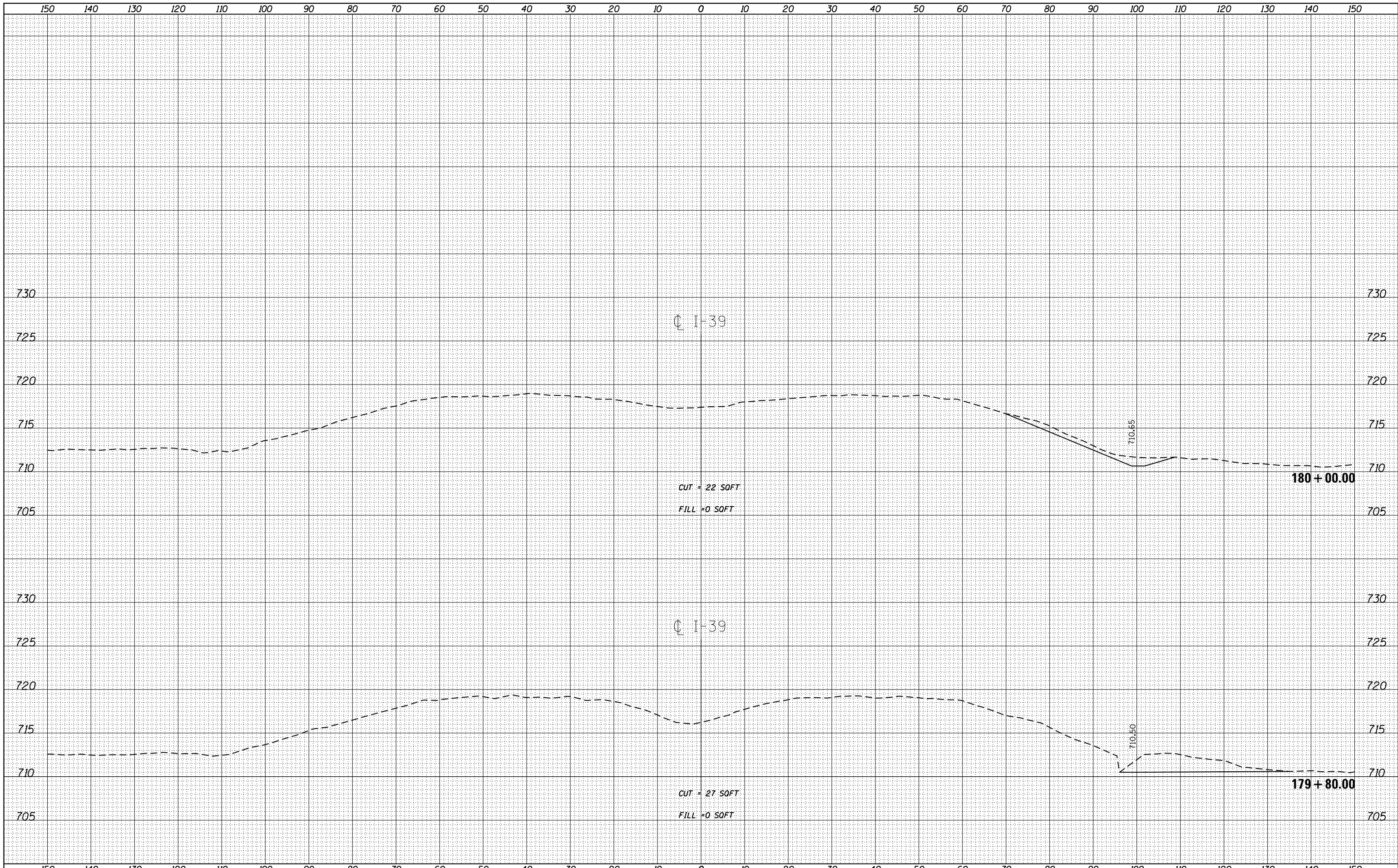
SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



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

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =
D468B71-sht-cover.dgn

USER NAME = aubreys
PLOT SCALE = 1/99.9999" = 1/16"
PLOT DATE = 1/22/2015

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

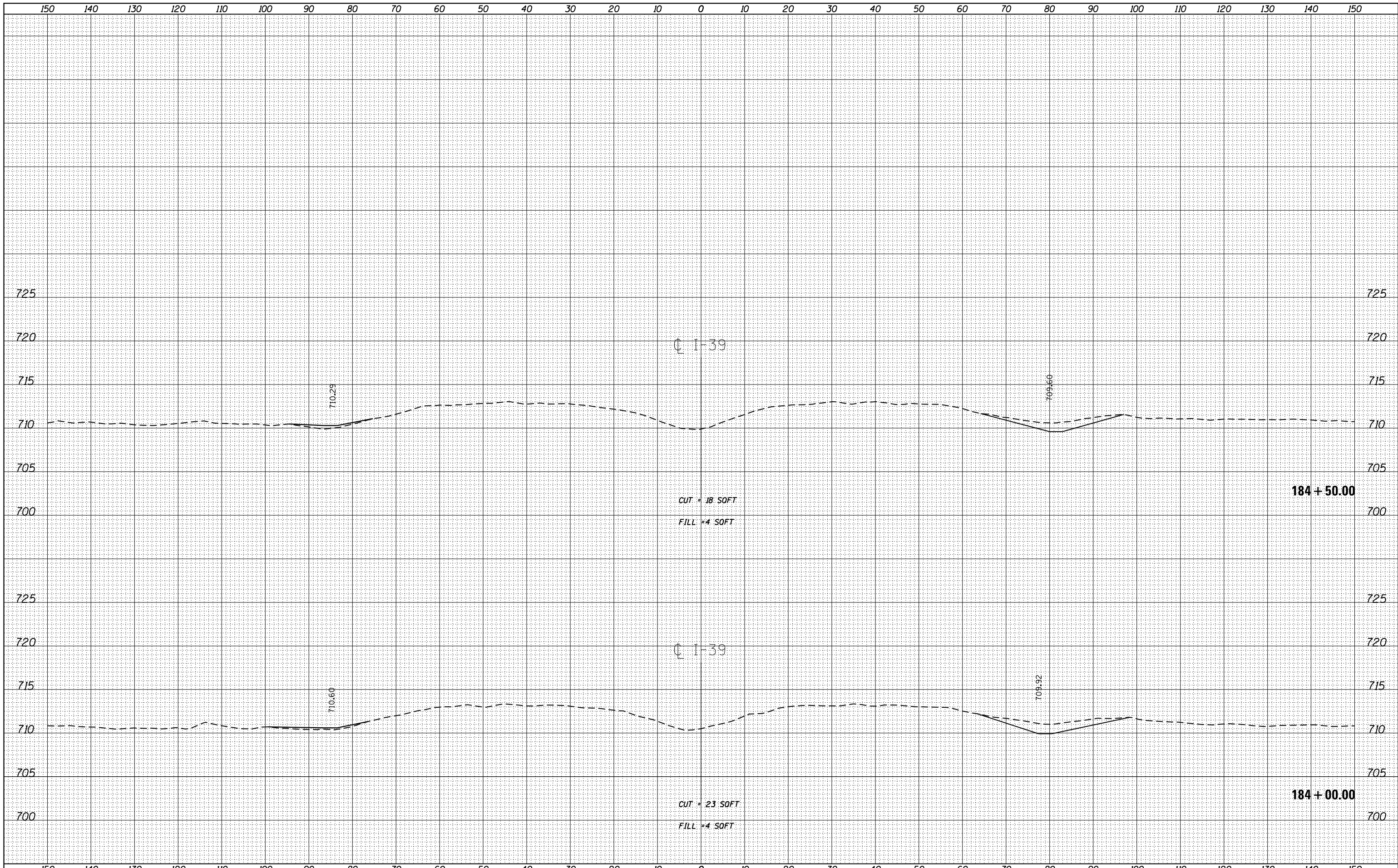
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 179+80.00 TO STA. 180+00.00

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39	62-12,3RS	MARSHALL	113	74
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = D468B71-sht-cover.dgn
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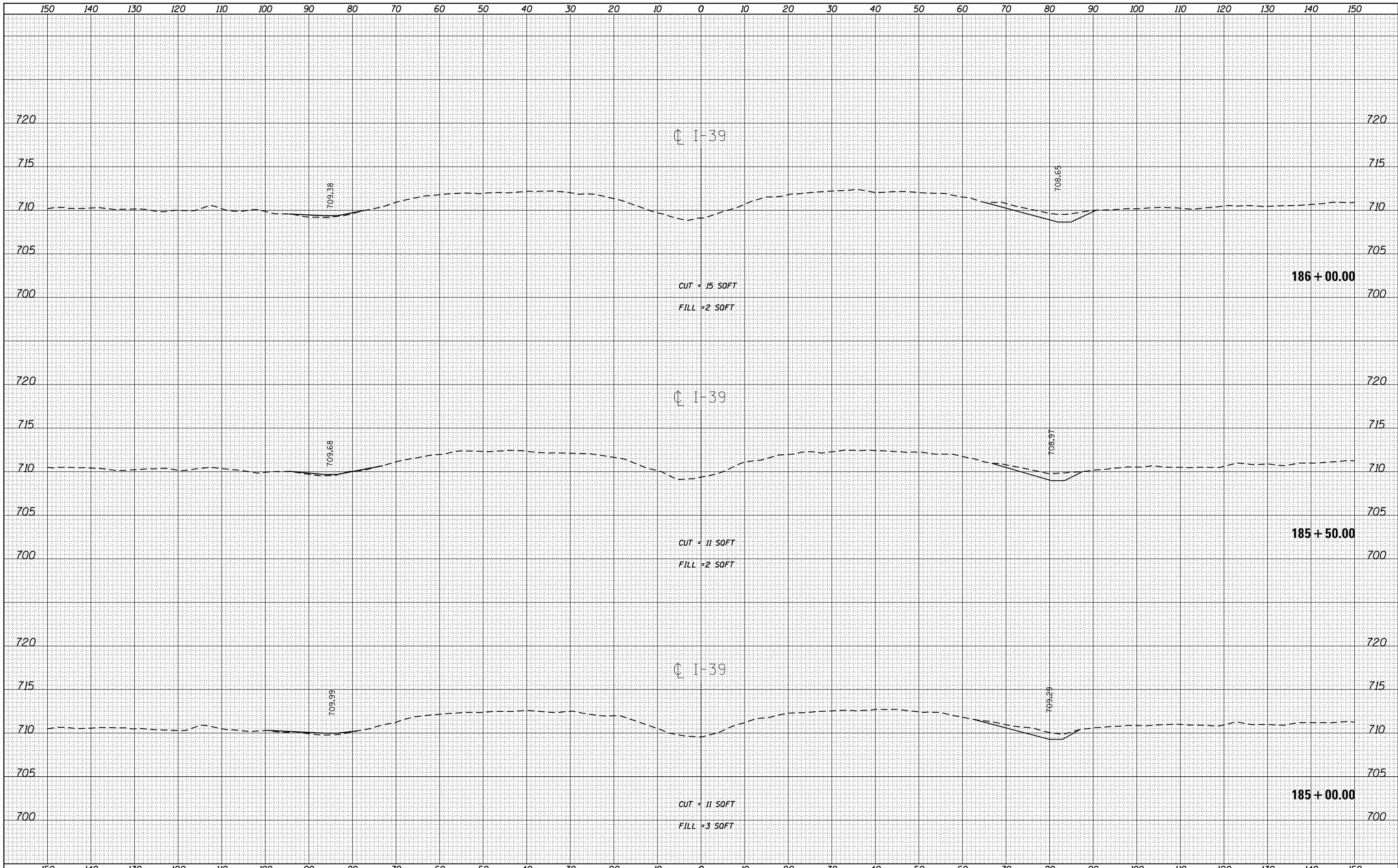
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 184+00.00 TO STA. 184+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	78
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



FILE NAME = D468B71-sht-cover.dgn
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PLLOT DATE = 1/22/2015	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

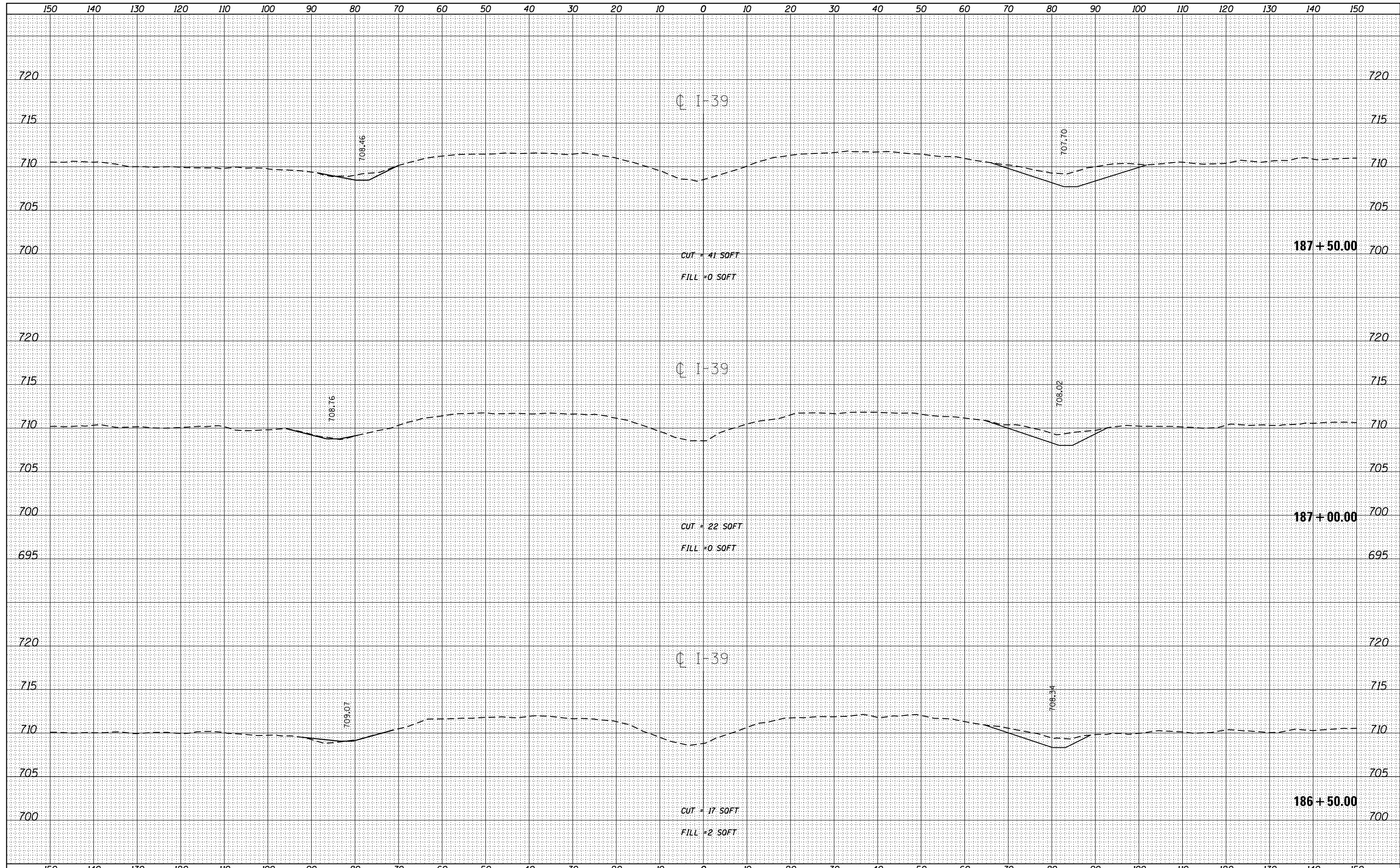
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CROSS SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3JRS	MARSHALL	113	79
CONTRACT NO. 68B71				

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

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



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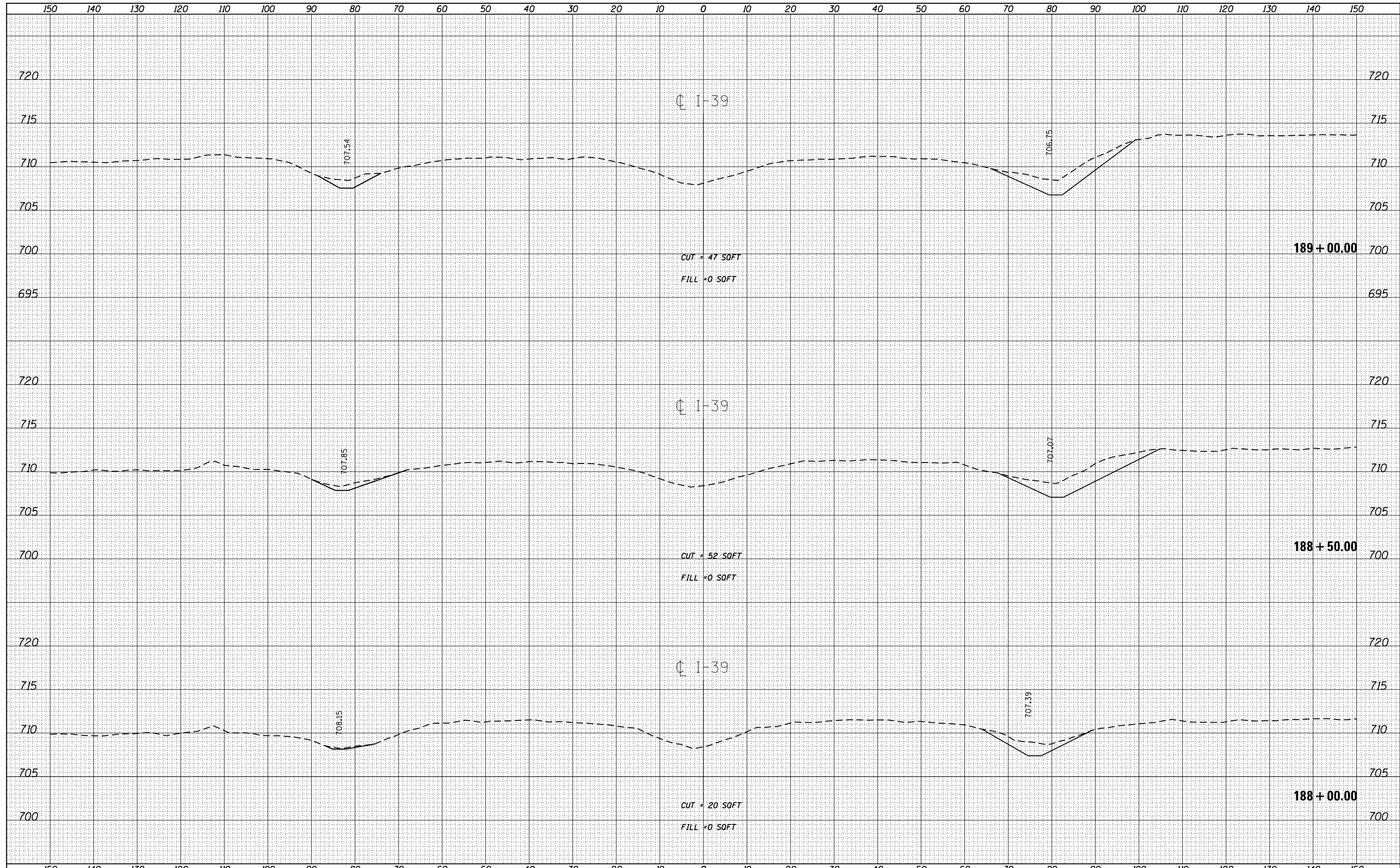
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 186+50.00 TO STA. 187+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	80
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

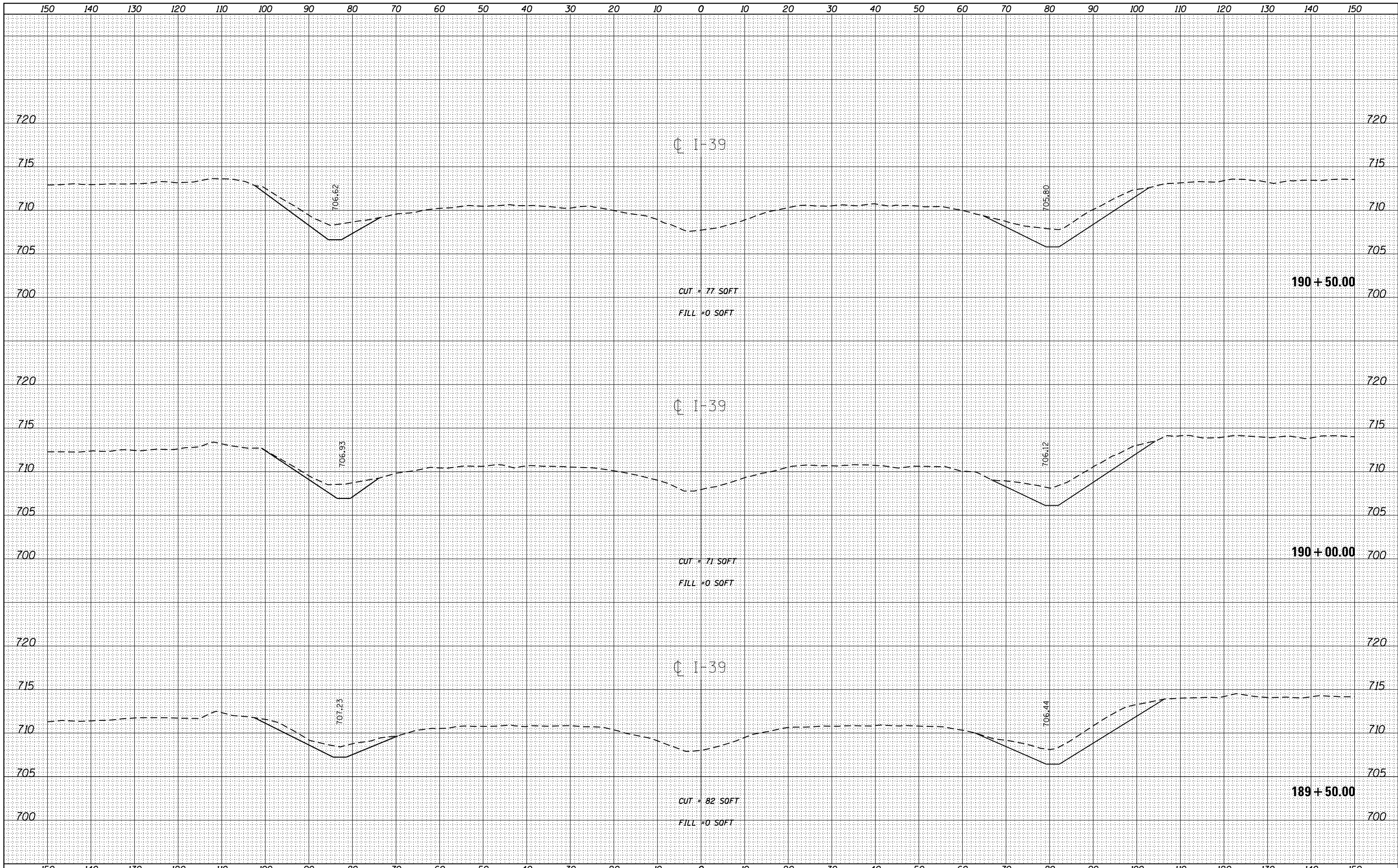
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NOTE BOOK	PLOTTED
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	AREAS
	CHECKED



FILE NAME = D468B71-sht-cover.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
Default	PLOT SCALE = 1/99.9999' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 188+00.00	TO STA. 189+00.00	39	62-12,3RS	MARSHALL	113	81
	PLOT DATE = 1/22/2015	CHECKED -	REVISED -												
		DATE -	REVISED -												CONTRACT NO. 68B71
											ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = D468B71-sht-cover.dgn
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USER NAME = aubreys
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

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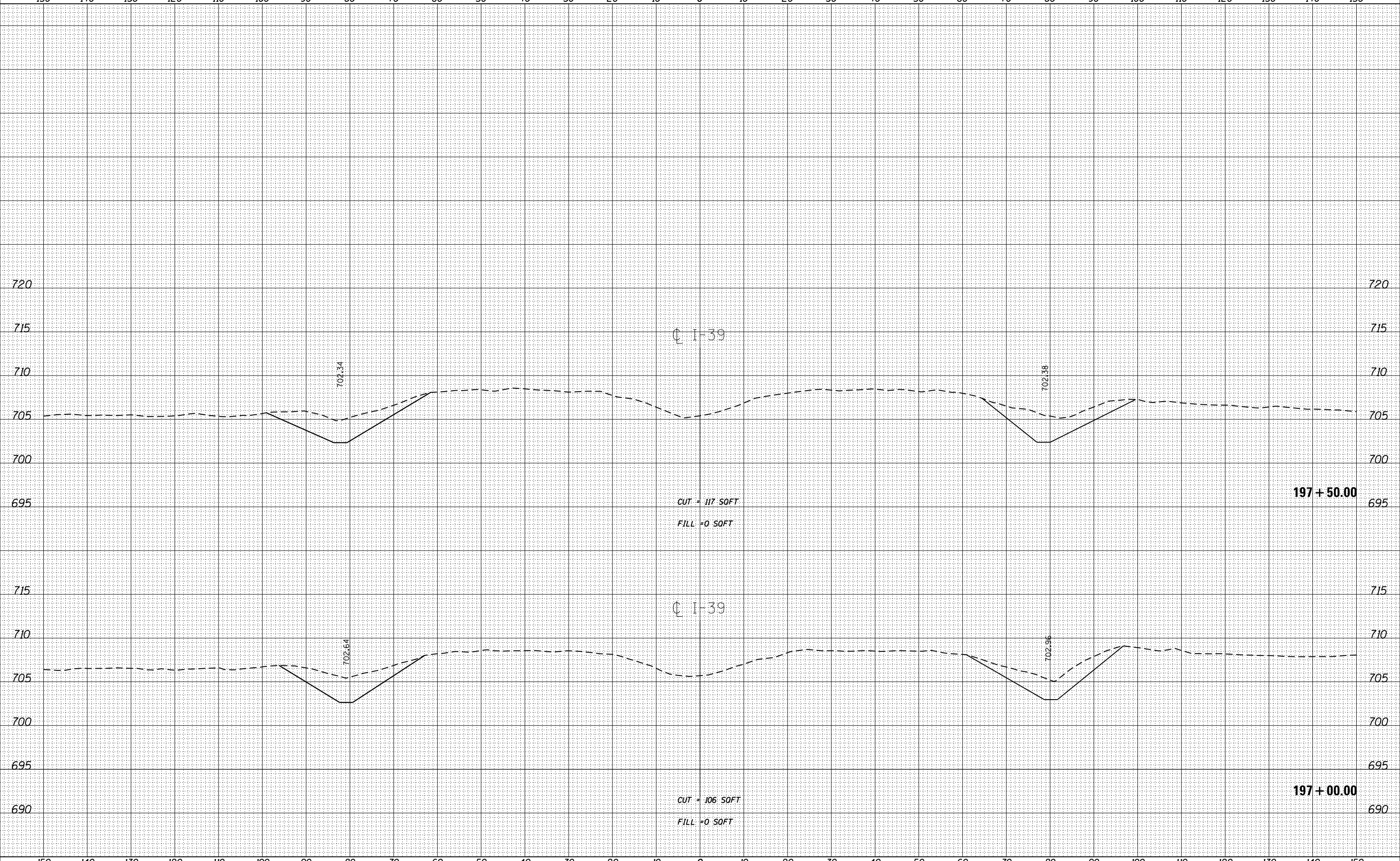
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 189+50.00 TO STA. 190+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	82
CONTRACT NO. 68B71			ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



DATE	
BY	
SURVEYED	SURVEYED
PLOTTED	PLOTTED
TEMPLATE	TEMPLATE
AREAS CHECKED	AREAS CHECKED
AREAS CHECKED	AREAS CHECKED
NO.	

DATE	
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SURVEYED	SURVEYED
PLOTTED	PLOTTED
TEMPLATE	TEMPLATE
AREAS CHECKED	AREAS CHECKED
AREAS CHECKED	AREAS CHECKED
NO.	

FILE NAME :	
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Default	

USER NAME :	aubreygs
DESIGNED -	
DRAWN -	
PLLOT SCALE :	199.9999' / in.
PLLOT DATE :	1/22/2015

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REVISID -	
REVISID -	

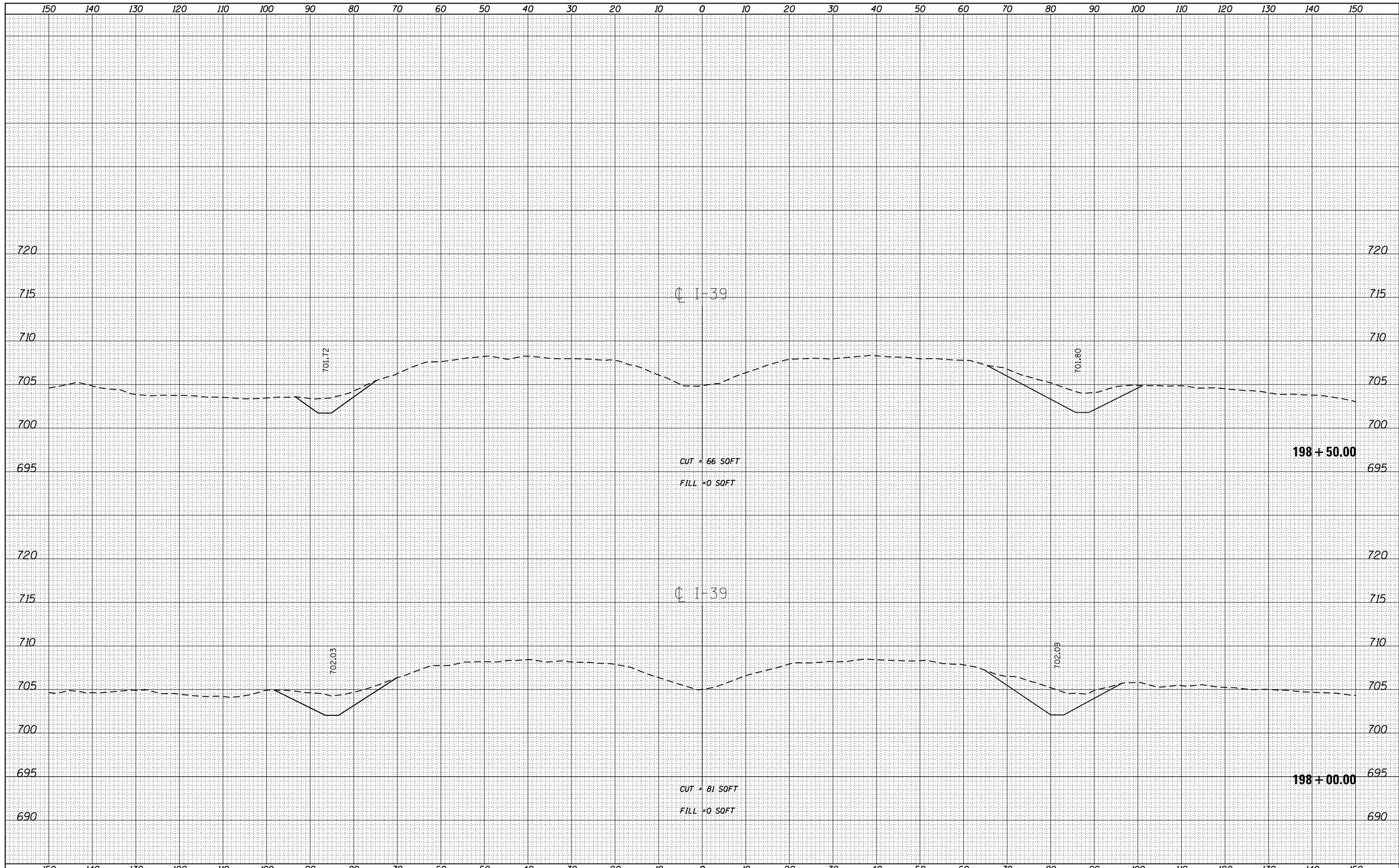
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	CROSS SECTIONS		
	SHEET	OF	SHEETS
STA. 197+00.00 TO STA. 197+50.00			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-I2,3RS	MARSHALL	113	88
				CONTRACT NO. 68B71
ILLINOIS FED. AID PROJECT				

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

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



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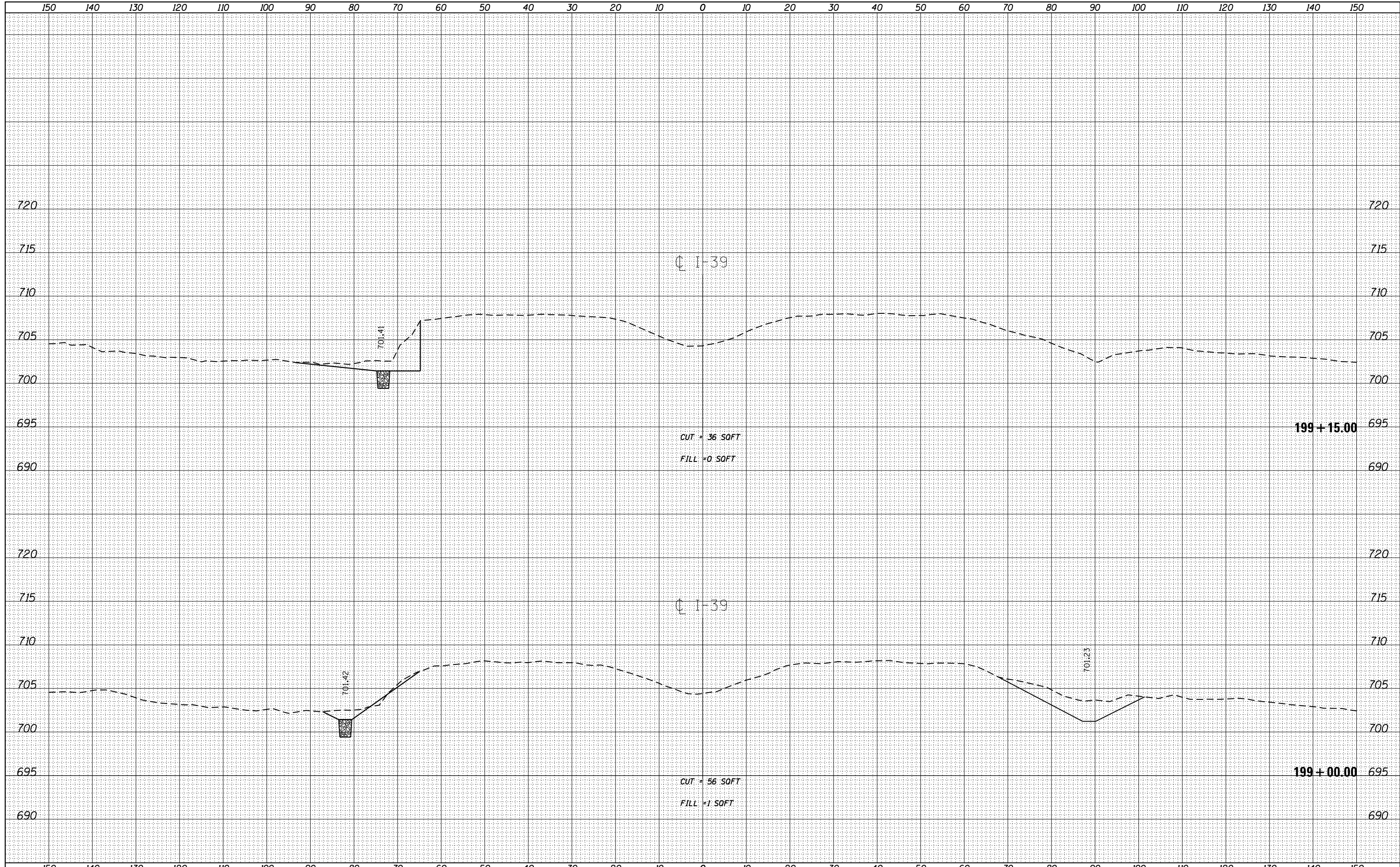
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PLOT DATE = 1/22/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 198+00.00 TO STA. 198+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	89
				CONTRACT NO. 68B71
ILLINOIS FED. AID PROJECT				



BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
FINISH	AREAS CHECKED
SURVEY	NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
ORIGINAL	AREAS CHECKED
SURVEY	NO.

FILE NAME = D468B71-sht-cover.dgn

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PLOT SCALE = 1/99.9999' / in.	DRAWN -	REVISED -
Default	CHECKED -	REVISED -
	DATE -	REVISED -

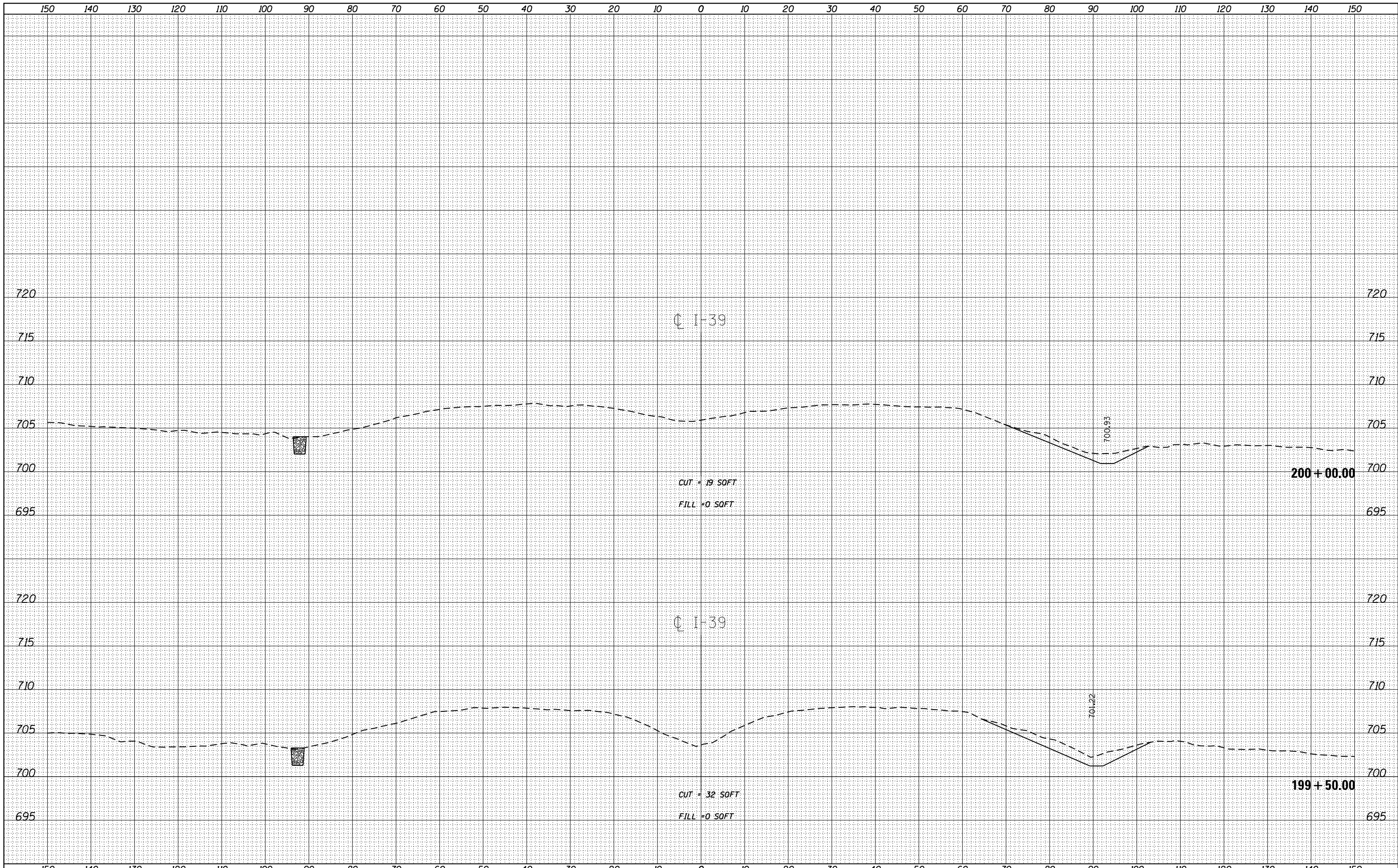
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET OF SHEETS		STA. 199+00.00 TO STA. 199+15.00	
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	90
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
NOTED SURVEY	
PLOTTED SURVEY	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTED SURVEY	
PLOTTED SURVEY	
AREAS CHECKED	



FILE NAME = D468B71-sht-cover.dgn
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	DRAWN -	REVISED -
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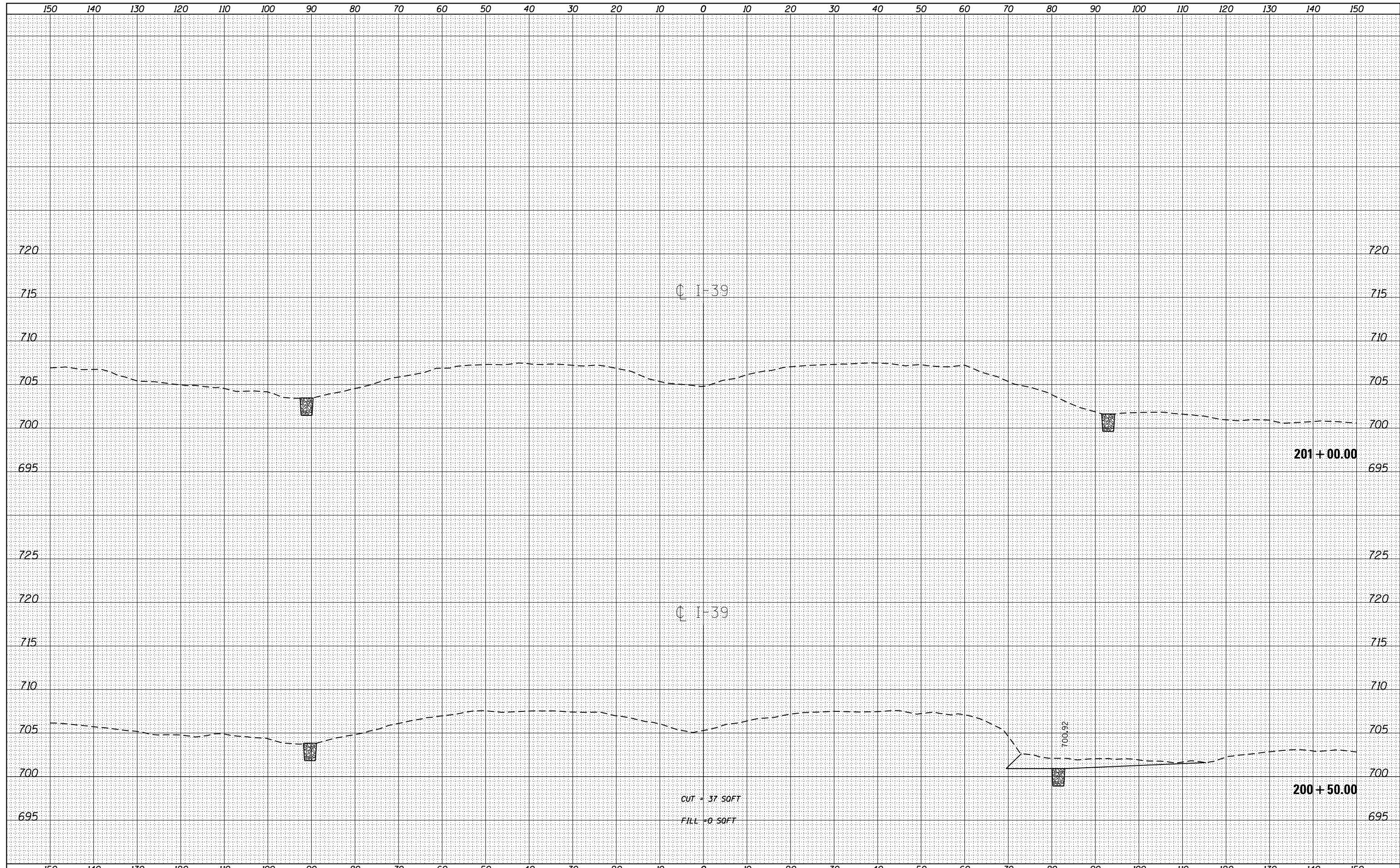
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 199+50.00 TO STA. 200+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	91
				CONTRACT NO. 68B71
ILLINOIS FED. AID PROJECT				

BY	DATE

BY	DATE



FILE NAME = D468B71-sht-cover.dgn

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 PLOT DATE = 1/22/2015

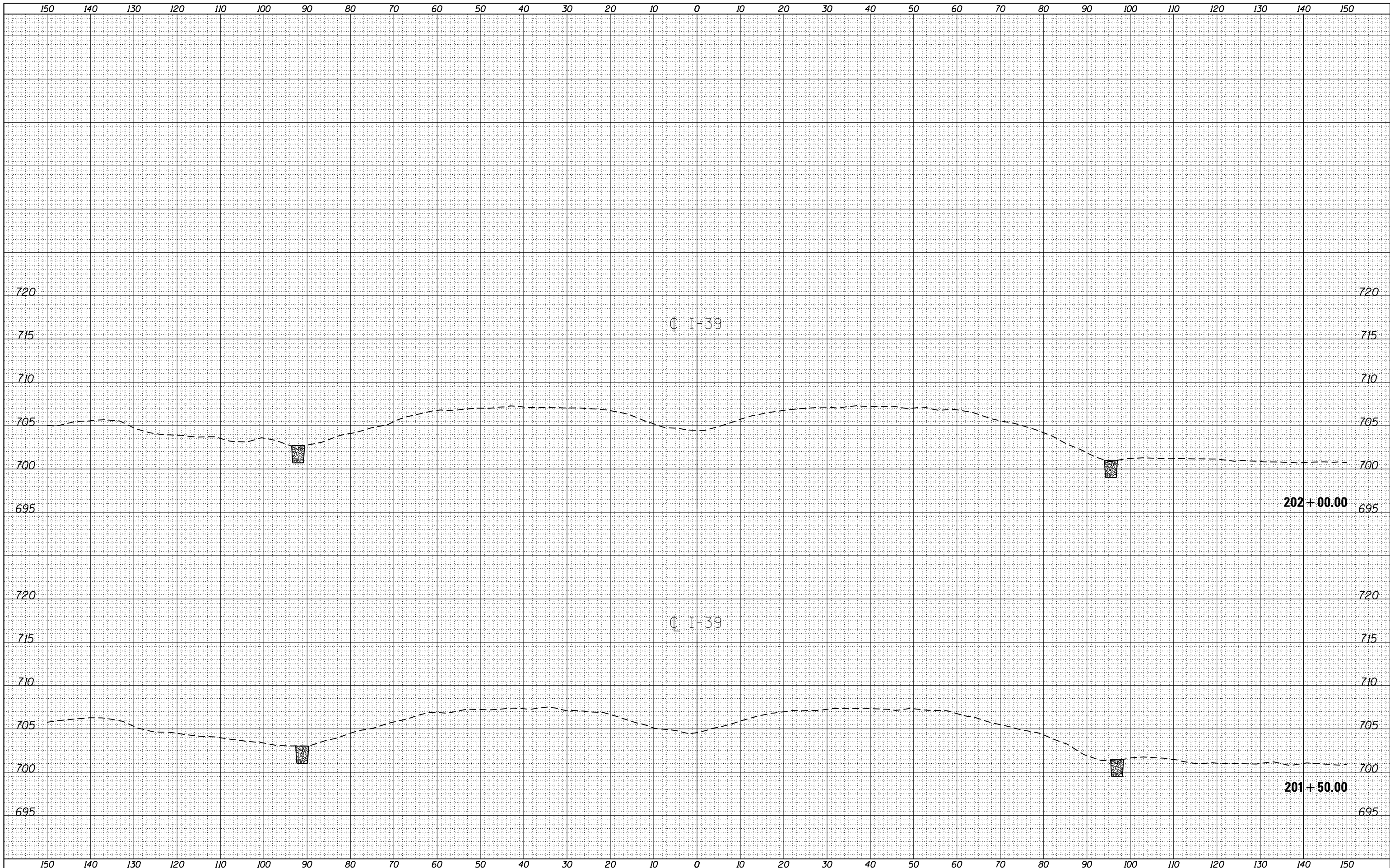
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 200+50.00 TO STA. 201+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3JRS	MARSHALL	113	92
CONTRACT NO. 68B71				

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = D468B71-sht-cover.dgn
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PLOT SCALE = 1/99,9999 "/> <td>DRAWN -</td> <td>REVISÉ -</td>	DRAWN -	REVISÉ -
PLOT DATE = 1/22/2015	CHECKED -	REVISÉ -
	DATE -	REVISÉ -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

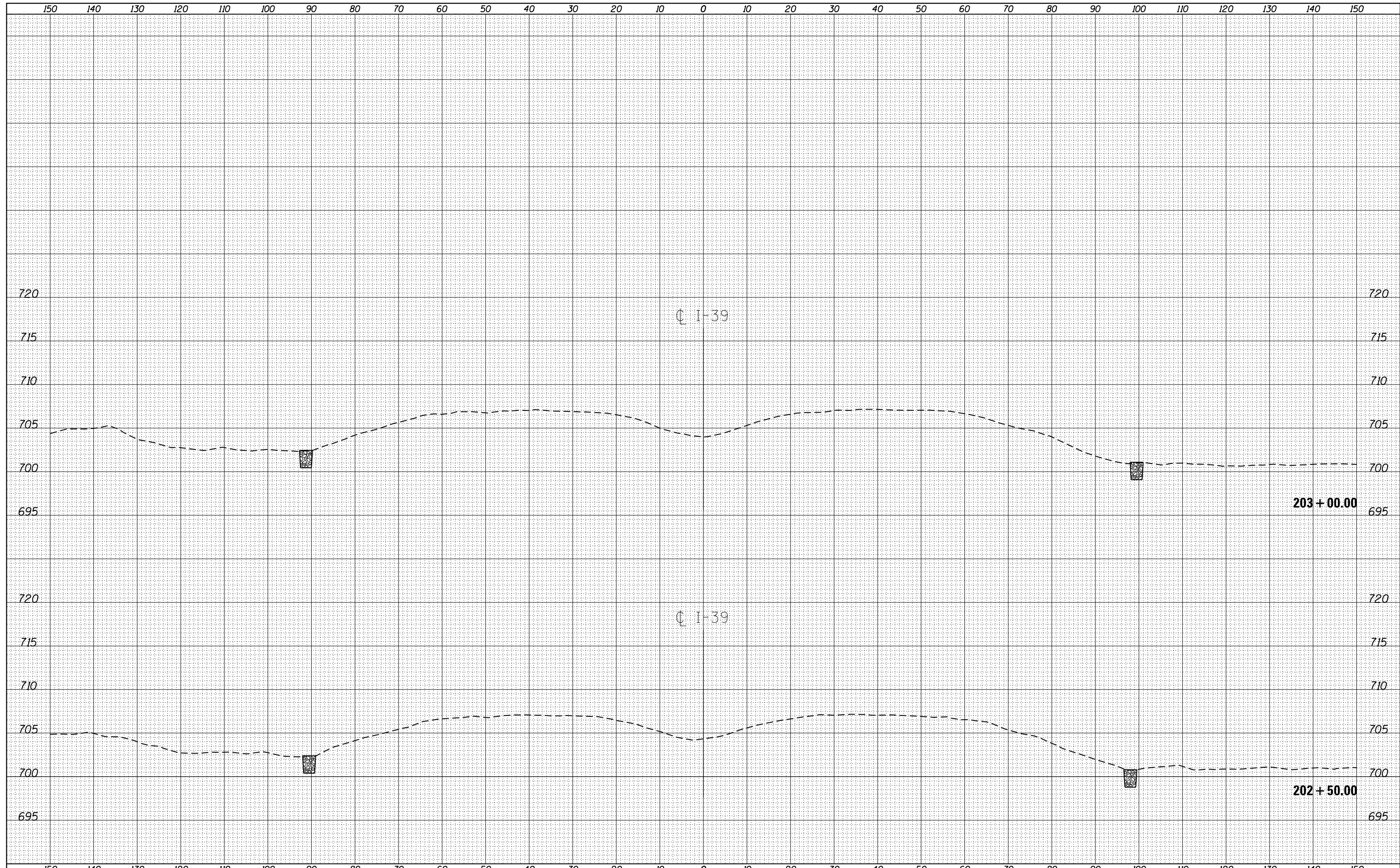
CROSS SECTIONS

SCALE:	SHEET OF SHEETS	STA. 201+50.00 TO STA. 202+00.00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	93
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

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

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



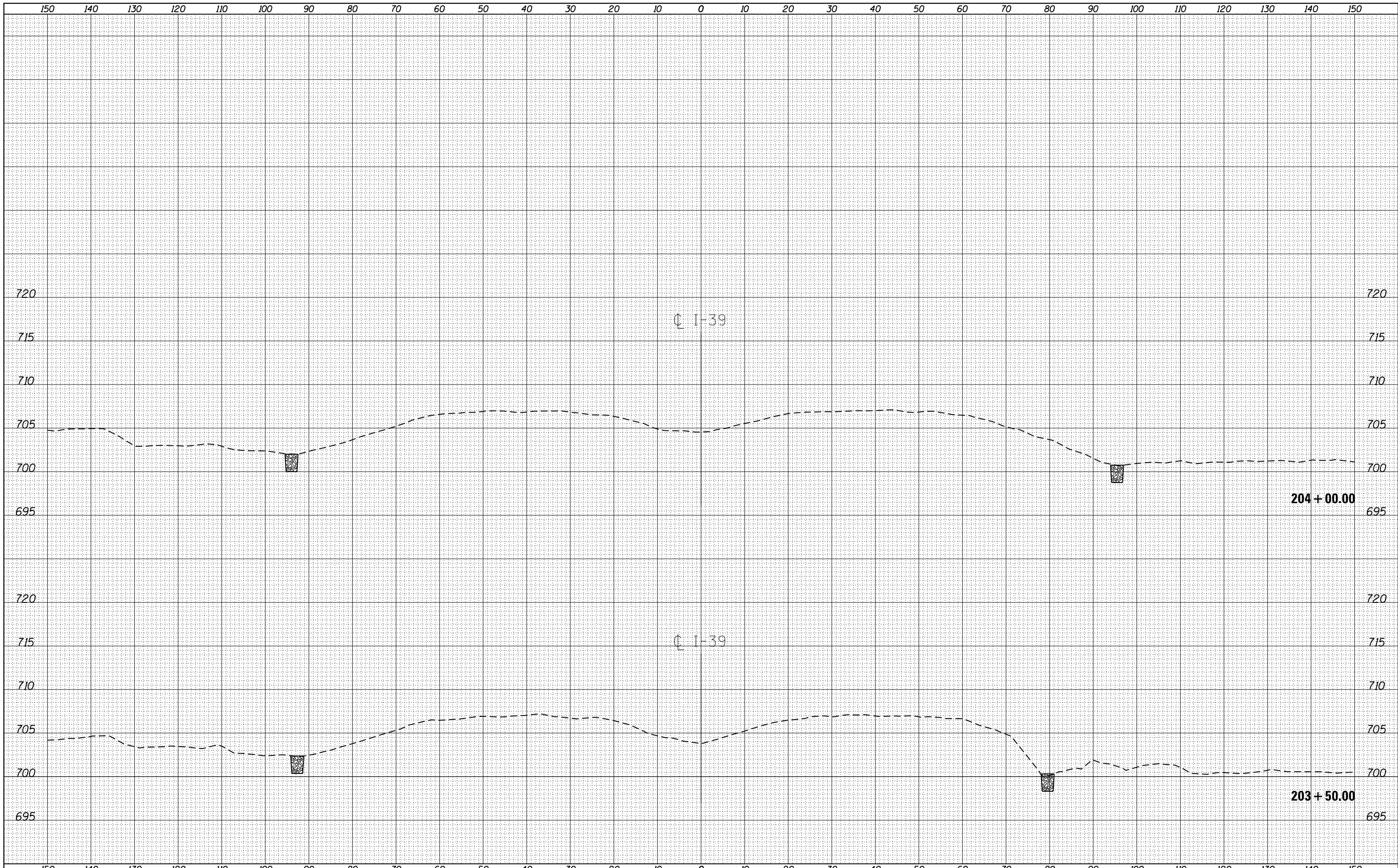
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PLOT SCALE = 199.9999' / in.	CHECKED -	REVISED -
PLOT DATE = 1/22/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 202+50.00 TO STA. 203+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	94
				CONTRACT NO. 68B71
ILLINOIS FED. AID PROJECT				



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

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

FILE NAME =
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PLOT SCALE = 1/99.9999" = 1/16"
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

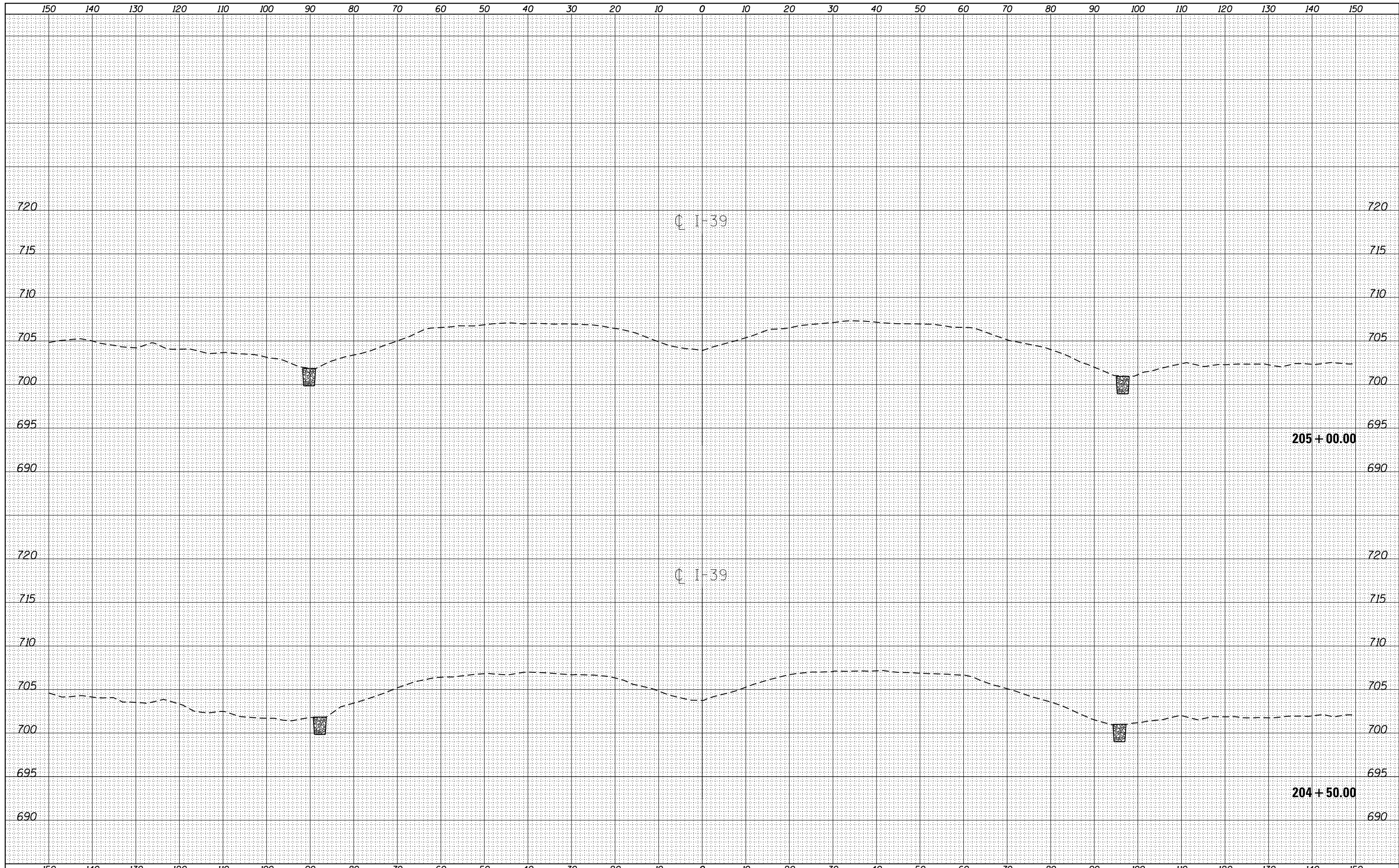
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCALE: SHEET OF SHEETS STA. 203+50.00 TO STA. 204+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	95
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = D468B71-sht-cover.dgn
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	DATE -	REVISÉD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

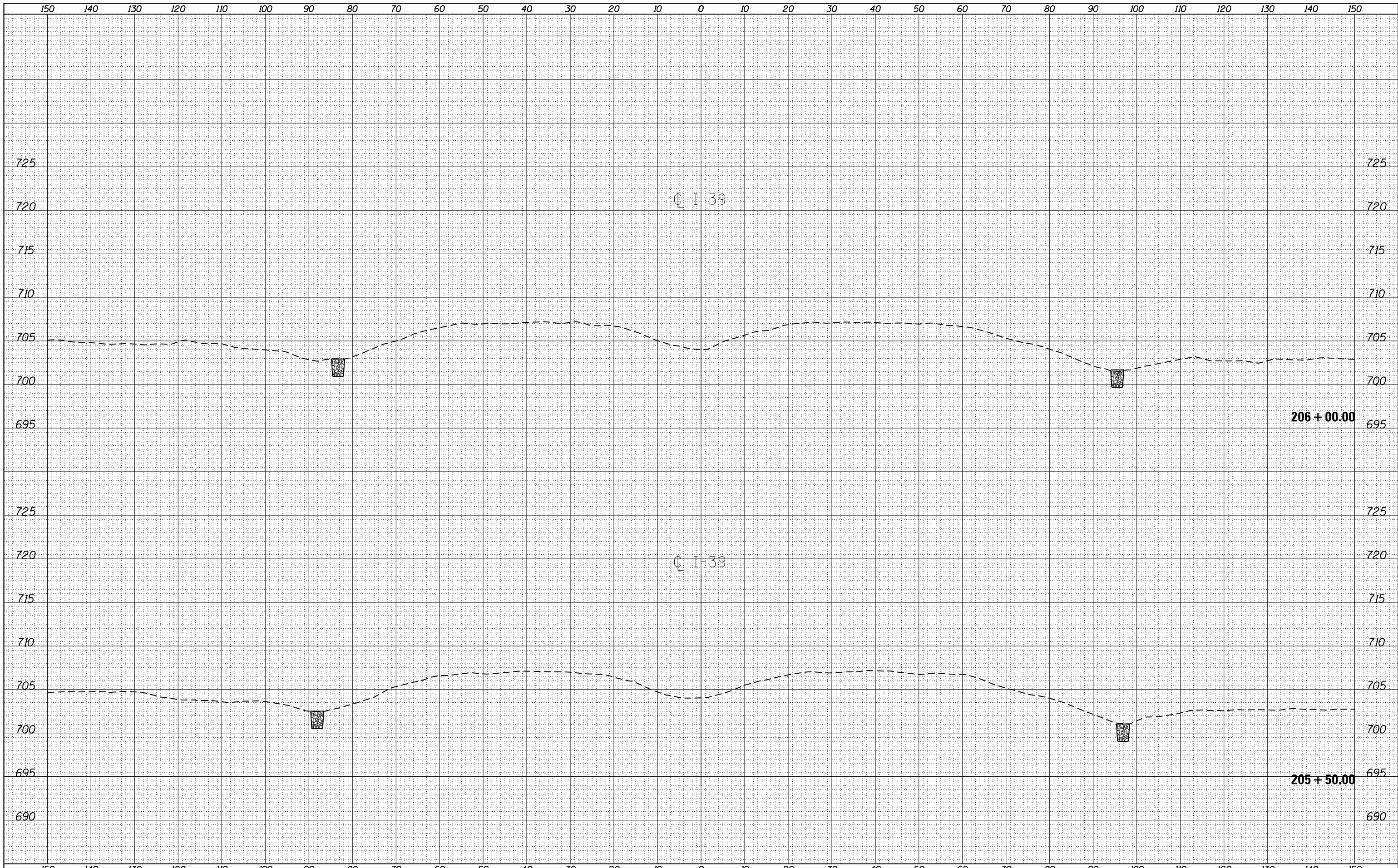
SCALE:		SHEET	OF	SHEETS	STA. 204+50.00	TO	STA. 205+00.00
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CROSS SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	96
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = D468B71-sht-cover.dgn
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DATE -	REVISÉ -

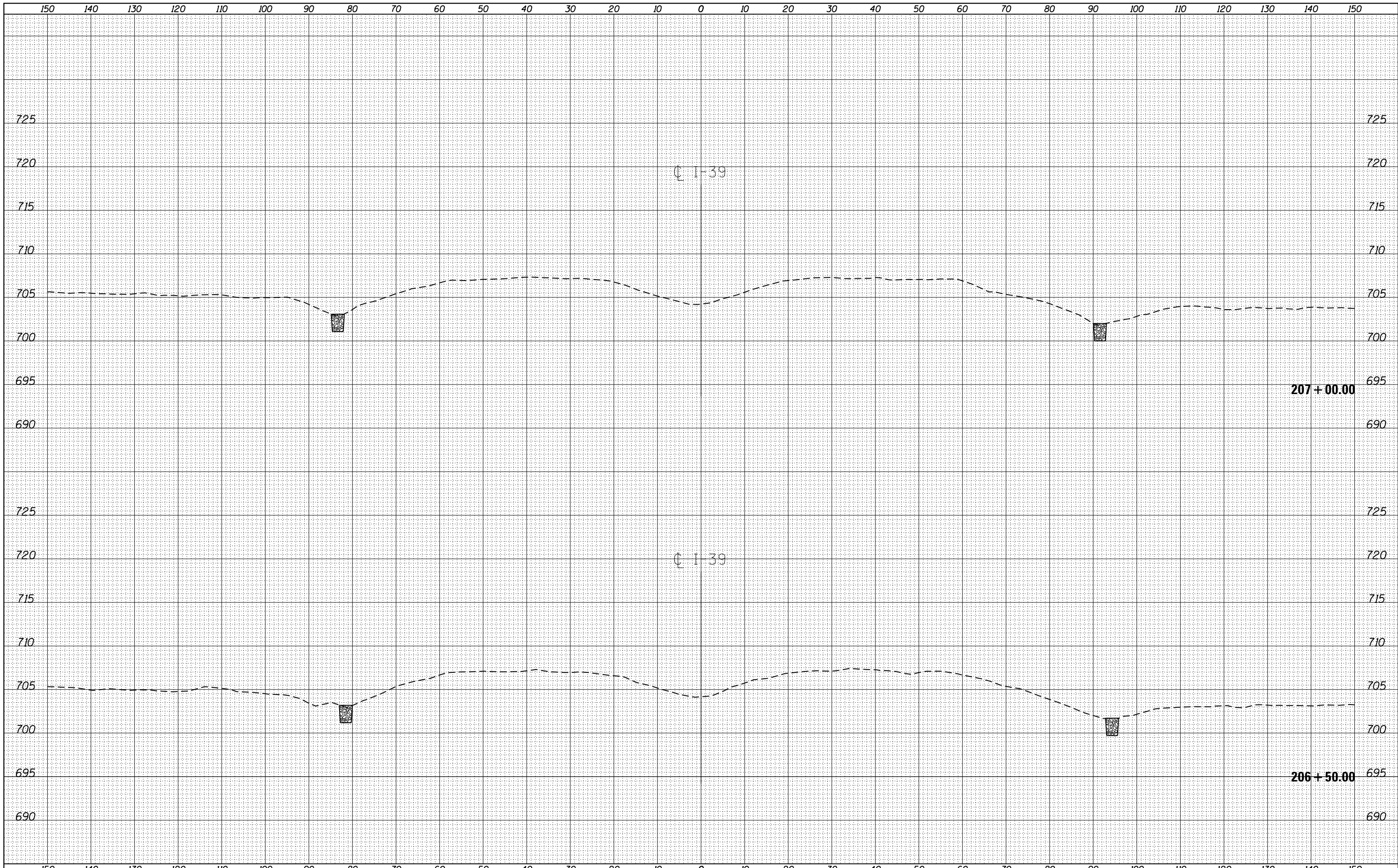
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 205+50.00 TO STA. 206+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	97
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

BY	DATE

BY	DATE



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

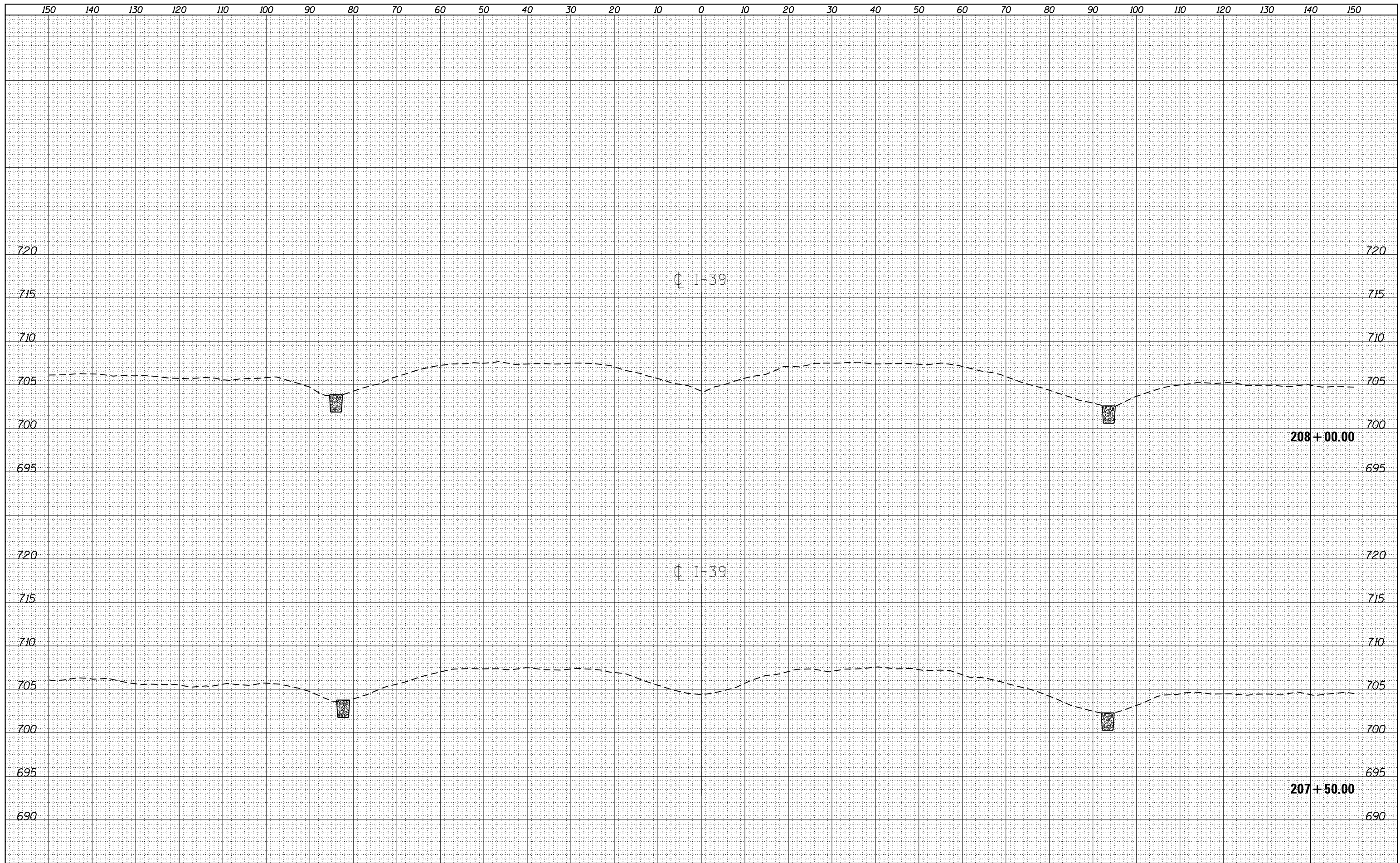
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 206+50.00 TO STA. 207+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	98
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

DATE	
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SURVEYED	
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NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

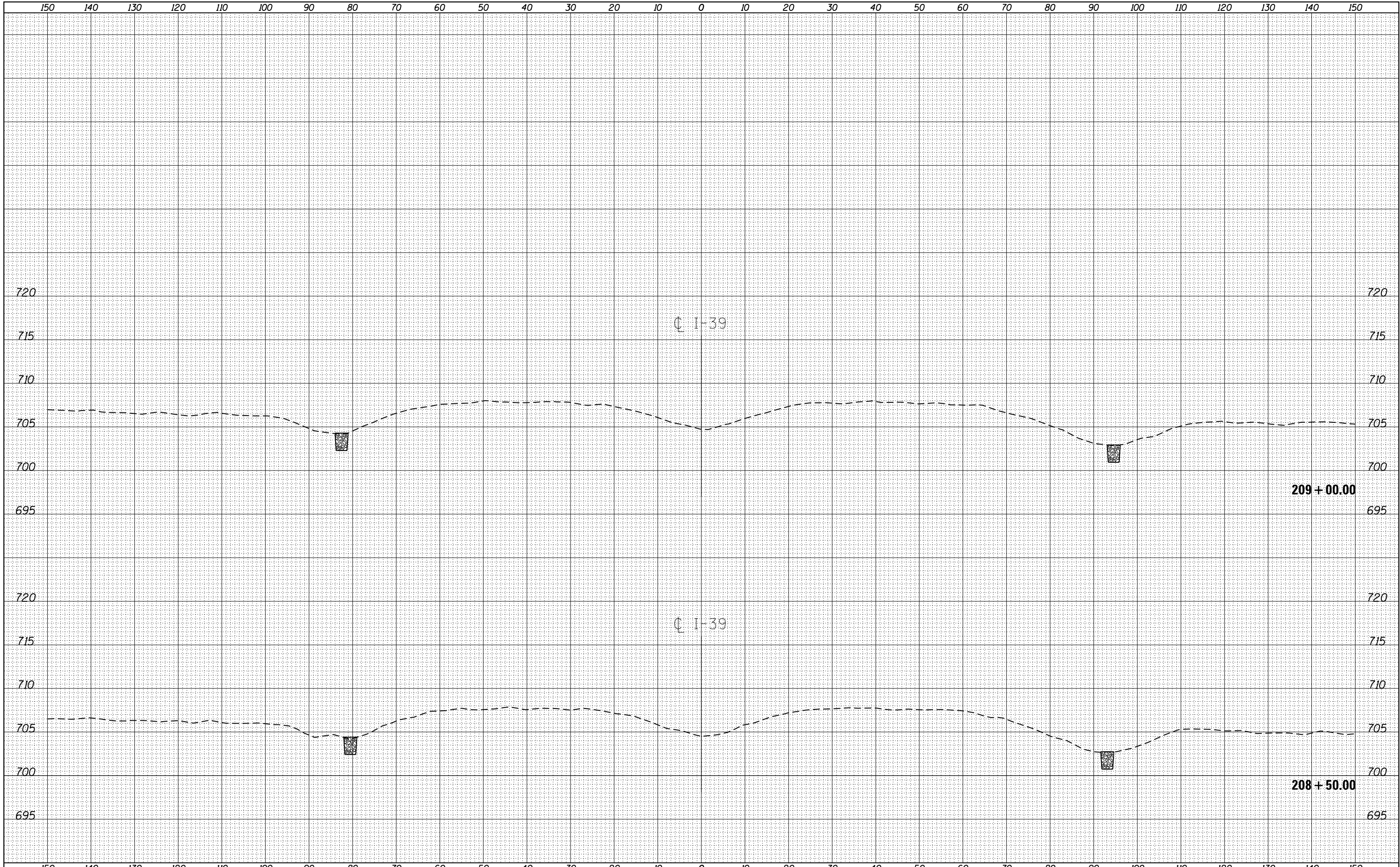
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 207+50.00 TO STA. 208+00.00

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39	62-12,3RS	MARSHALL	113	99
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

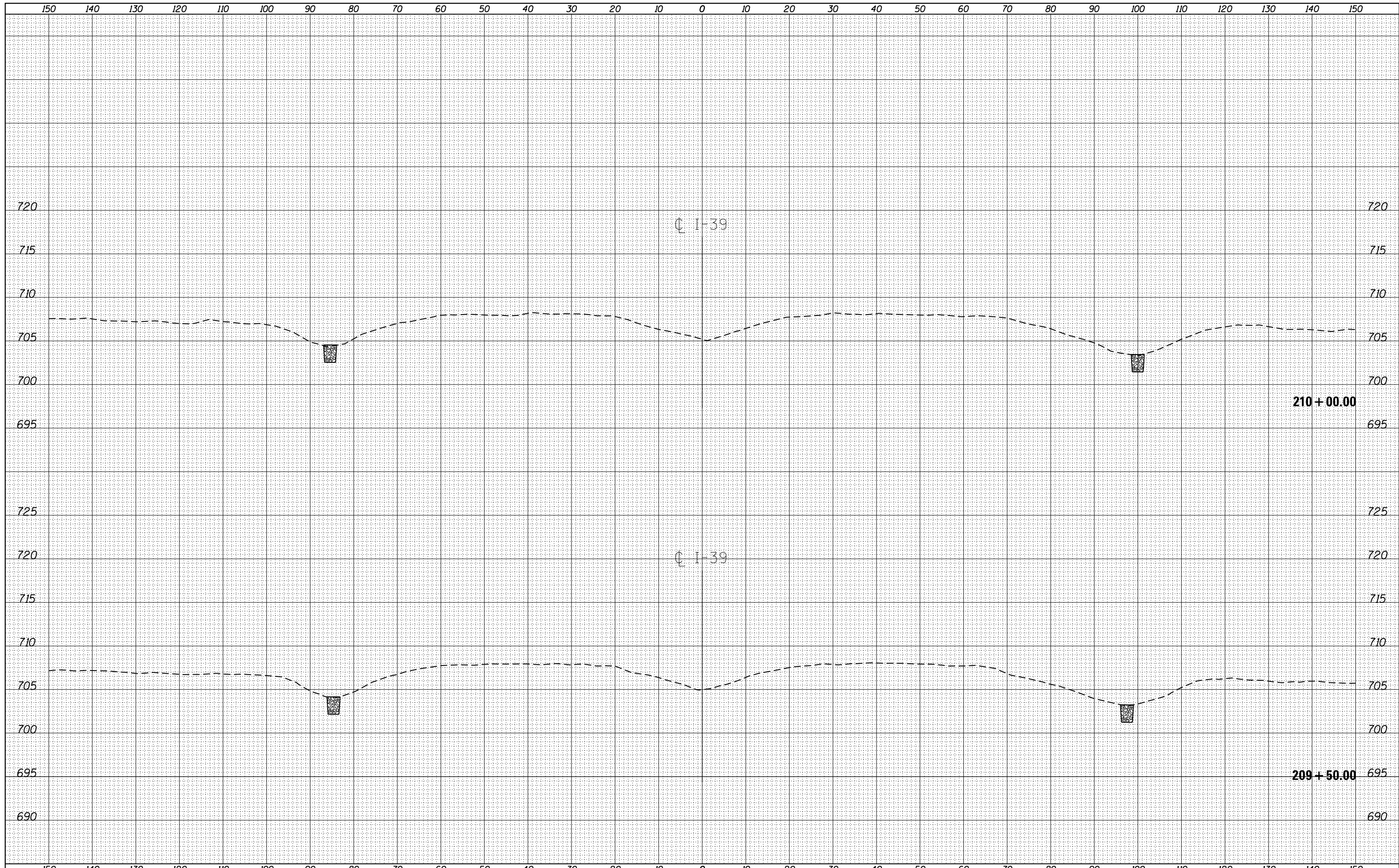
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 208+50.00 TO STA. 209+00.00

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39	62-12,3RS	MARSHALL	113	100
			CONTRACT NO. 68B71	
ILLINOIS FED. AID PROJECT				

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

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



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 PLOT DATE = 1/22/2015

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DATE -	REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

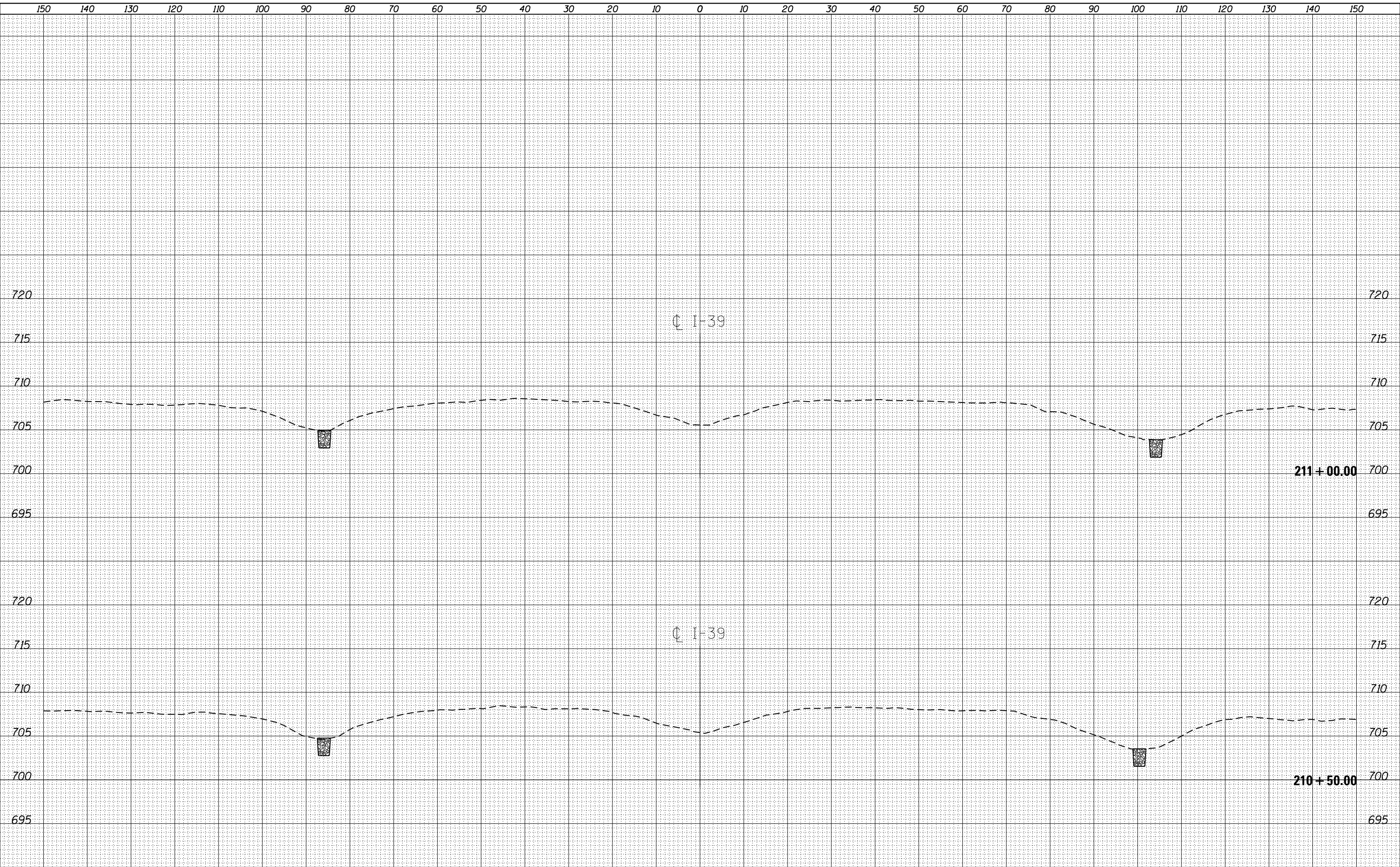
SCALE: SHEET OF SHEETS STA. 209+50.00 TO STA. 210+00.00

CROSS SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	101
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

BY	DATE

BY	DATE



FILE NAME = D468B71-sht-cover.dgn
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PLOT DATE = 1/22/2015

DESIGNED -	REVISÉD -
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CHECKED -	REVISÉD -
DATE -	REVISÉD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

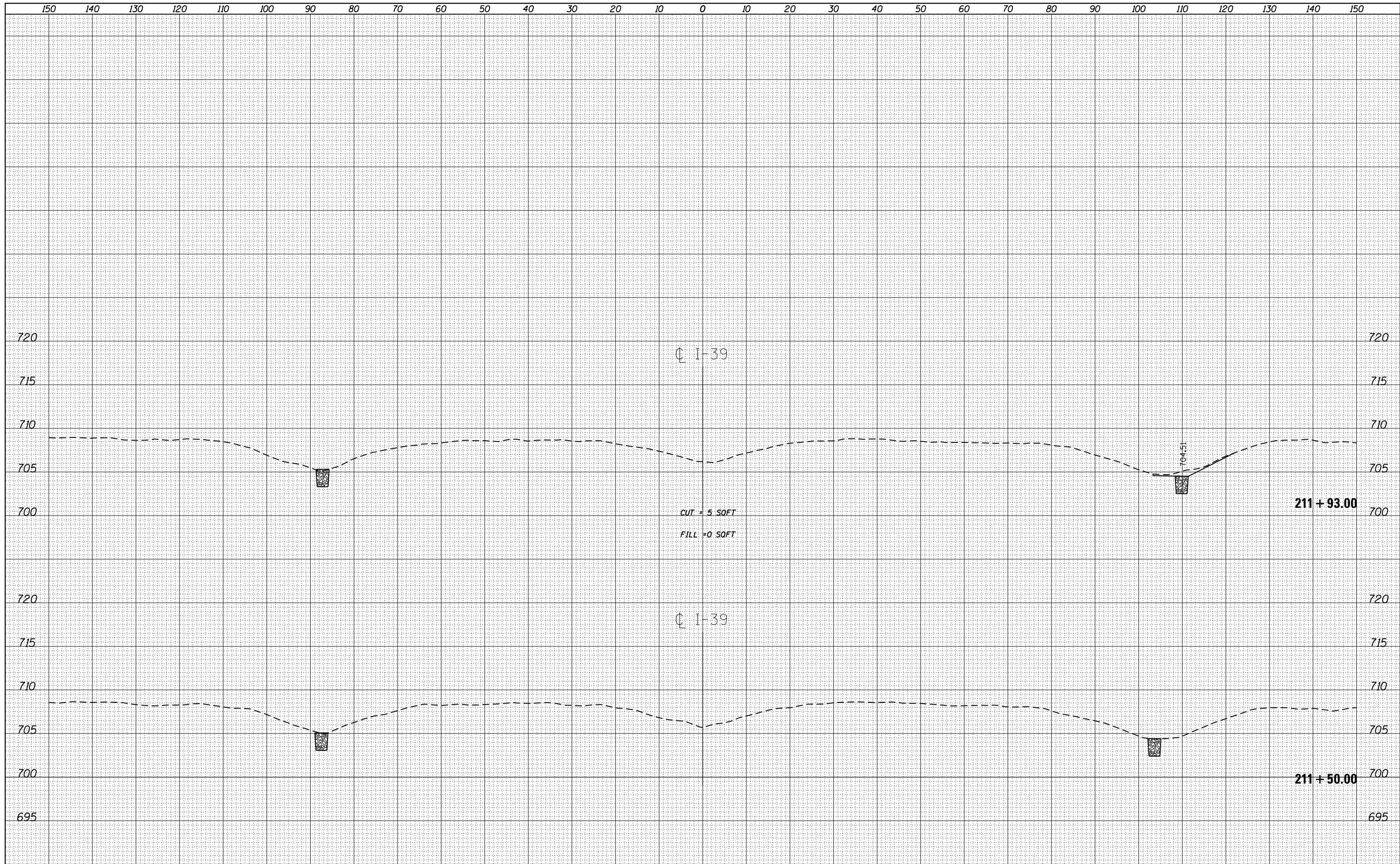
SCALE: SHEET OF SHEETS STA. 210+50.00 TO STA. 211+00.00

CROSS SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	102
				CONTRACT NO. 68B71
ILLINOIS FED. AID PROJECT				

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

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



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CUT = 5 SOFT
FILL = 0 SOFT

C I-39

211 + 93.00

211 + 50.00

FILE NAME = D468B71-sht-cover.dgn
Default

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PLOT SCALE = 199.9999 ' / in.	DRAWN -	REVISIED -
PLOT DATE = 1/22/2015	CHECKED -	REVISIED -
	DATE -	REVISIED -

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

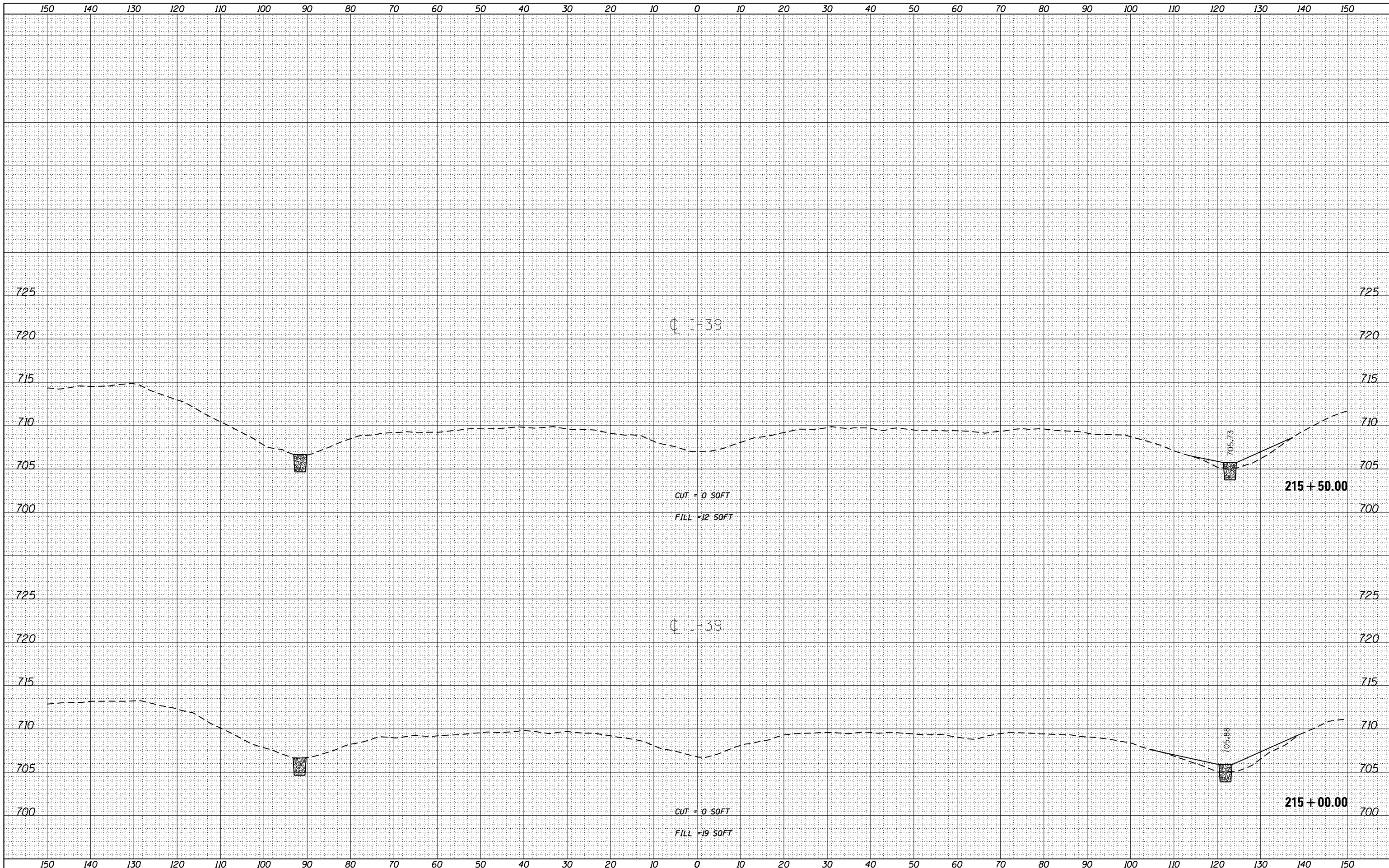
SCALE: SHEET OF SHEETS STA. 211+50.00 TO STA. 211+93.00

CROSS SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3JRS	MARSHALL	113	103
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

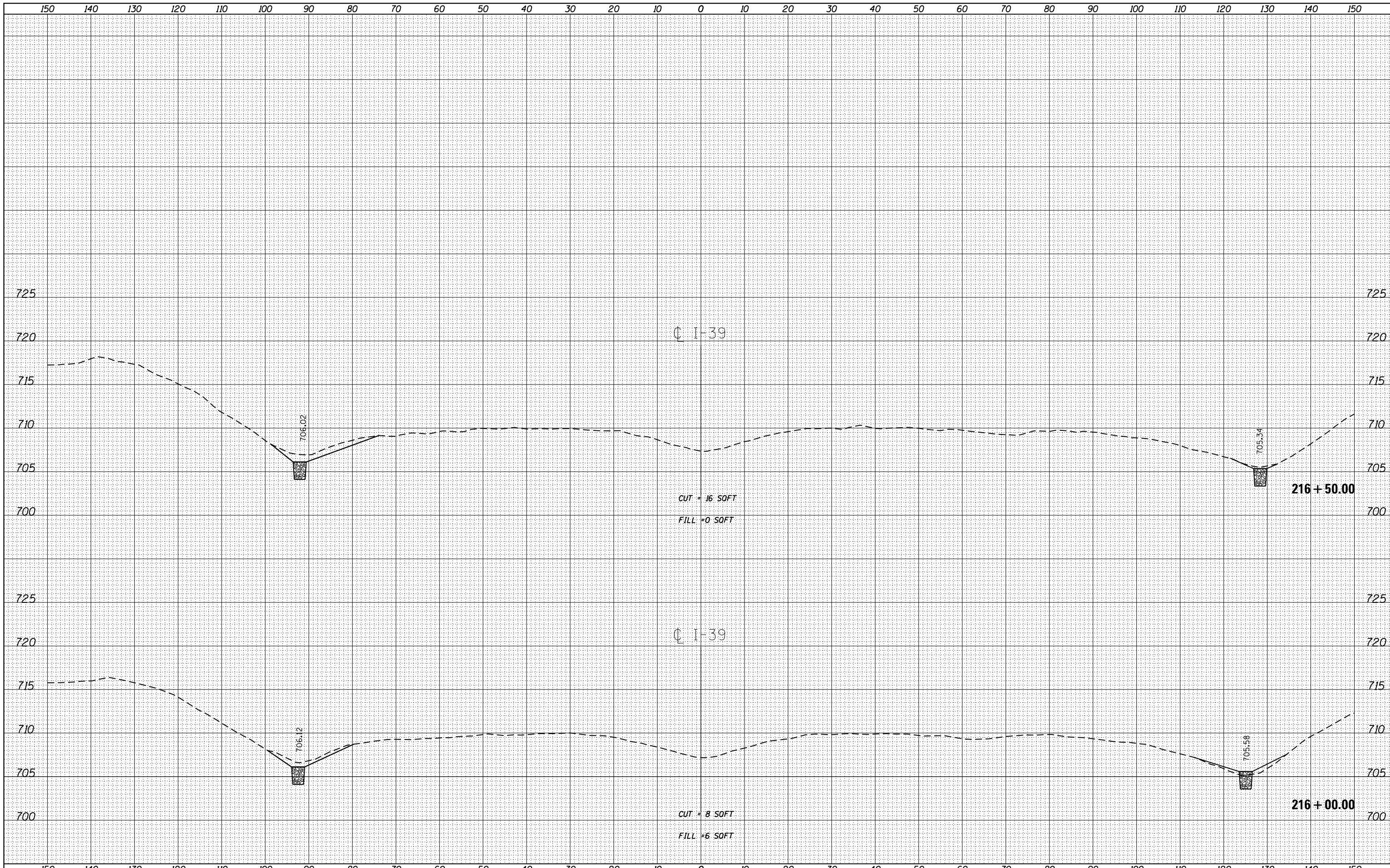
BY _____ DATE _____		
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	TEMPLATE
NO. _____	AREAS	CHECKED

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



BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME =
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USER NAME =	aubreys	DESIGNED -	REVISD -
		DRAWN -	REVISD -
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PLOT DATE =	1/22/2015	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

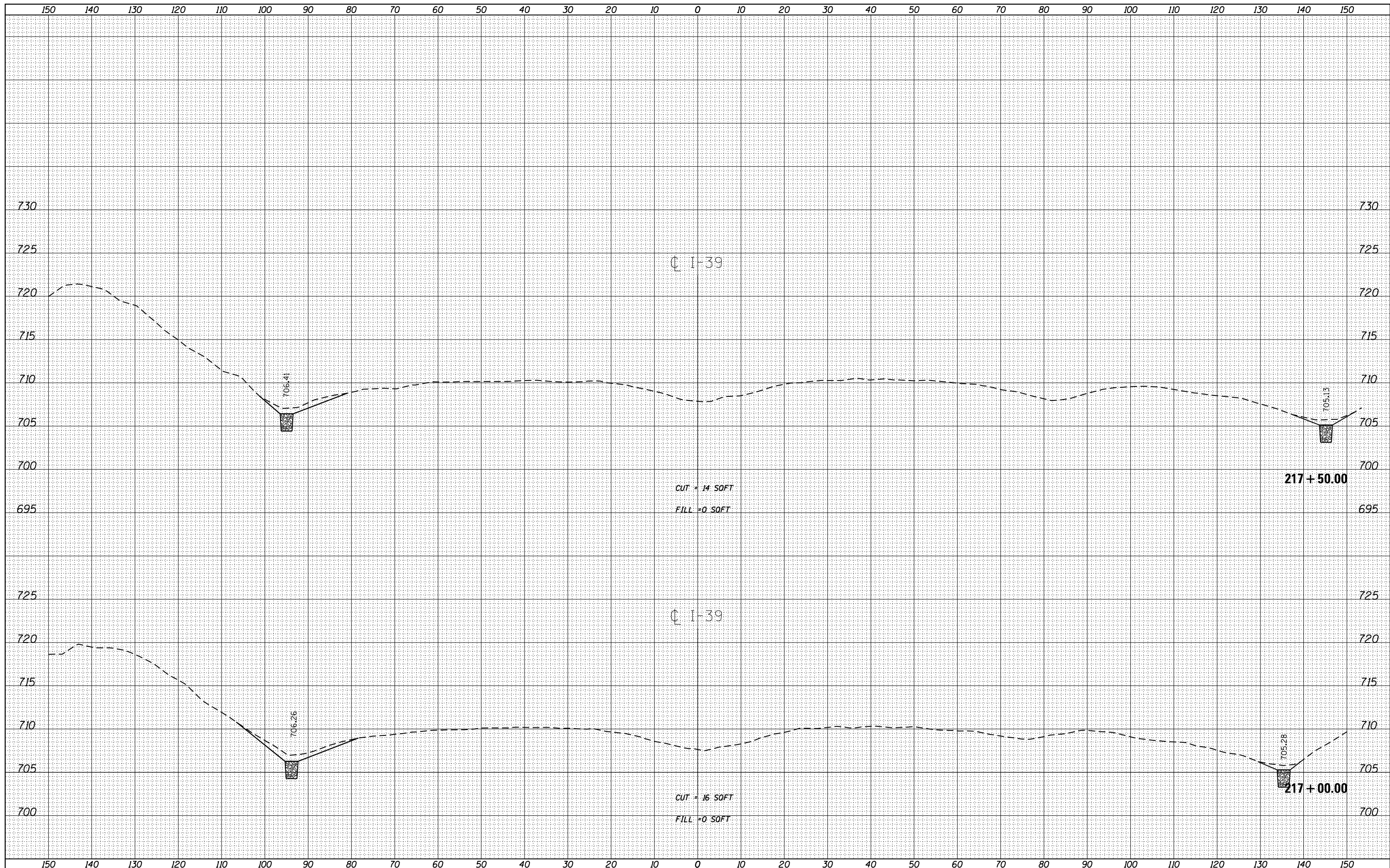
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 216+00.00 TO STA. 216+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	108
				CONTRACT NO. 68B71
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = D46BB71-sht-cover.dgn
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 PLOT DATE = 1/22/2015

DESIGNED -
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 CHECKED -
 DATE -

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 217+00.00	TO STA. 217+50.00
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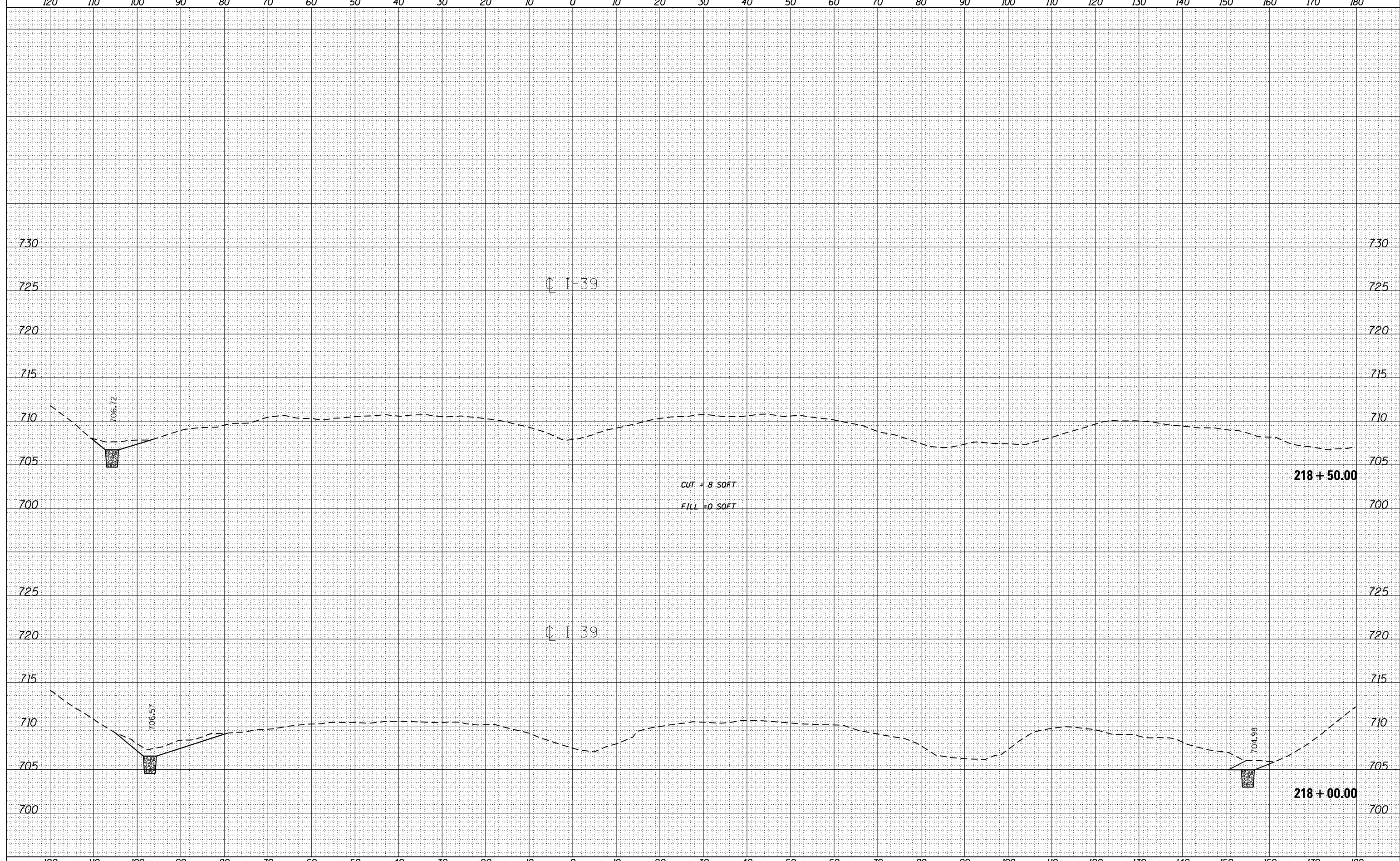
CROSS SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	109
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				

120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180

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

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



FILE NAME :	USER NAME :	DESIGNED -	REVISED -
D468B71-sht-cover.dgn	aubreygs	DRAWN -	REVISED -
Default	PLOT SCALE : 1/32" = 1' / in.	CHECKED -	REVISED -
	PLOT DATE : 1/22/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 218+00.00	TO	STA. 218+50.00
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F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	110
CONTRACT NO. 68B71				ILLINOIS FED. AID PROJECT

⊙ I-39

⊙ I-39

218 + 50.00

218 + 00.00

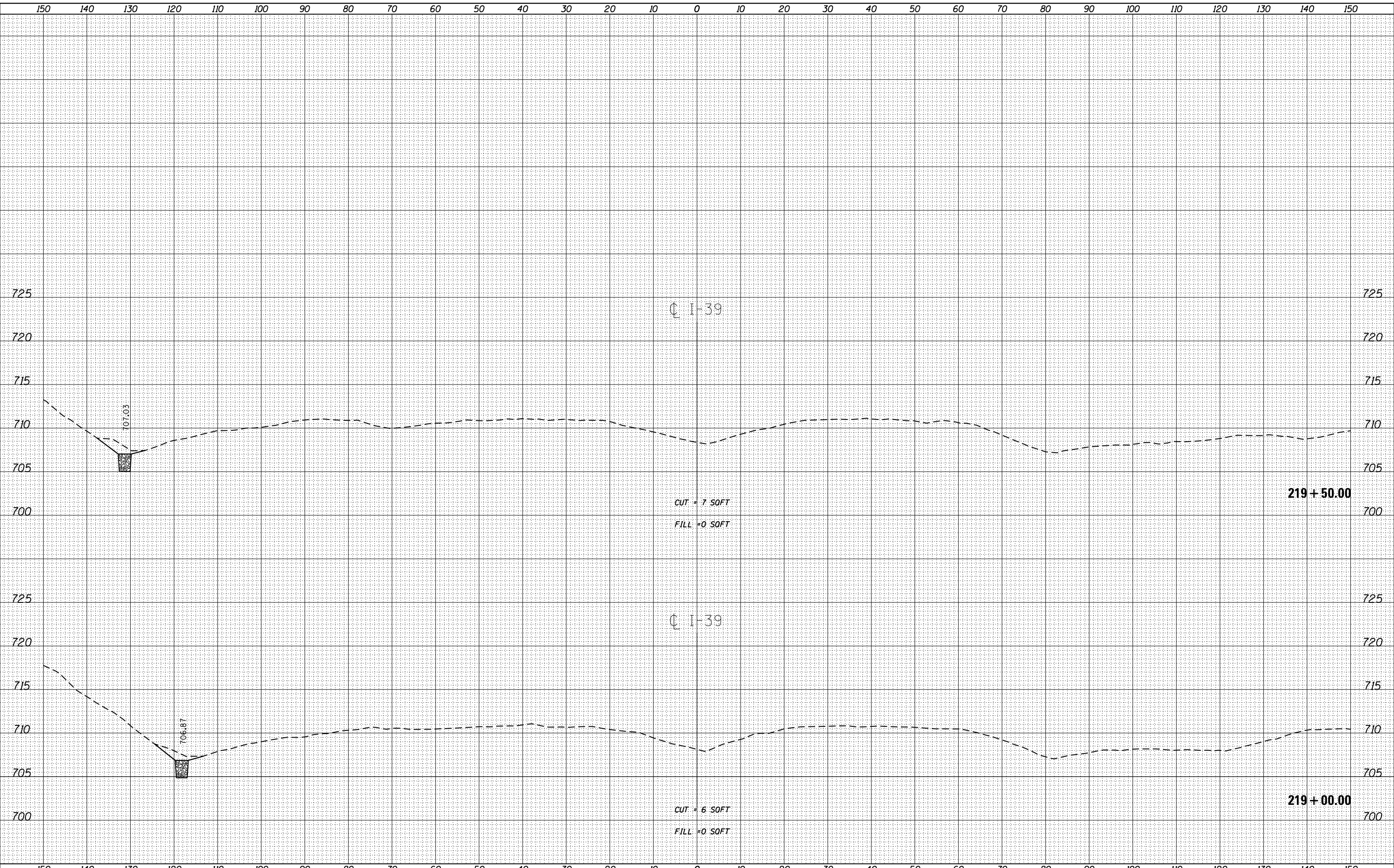
706.72

706.57

704.98

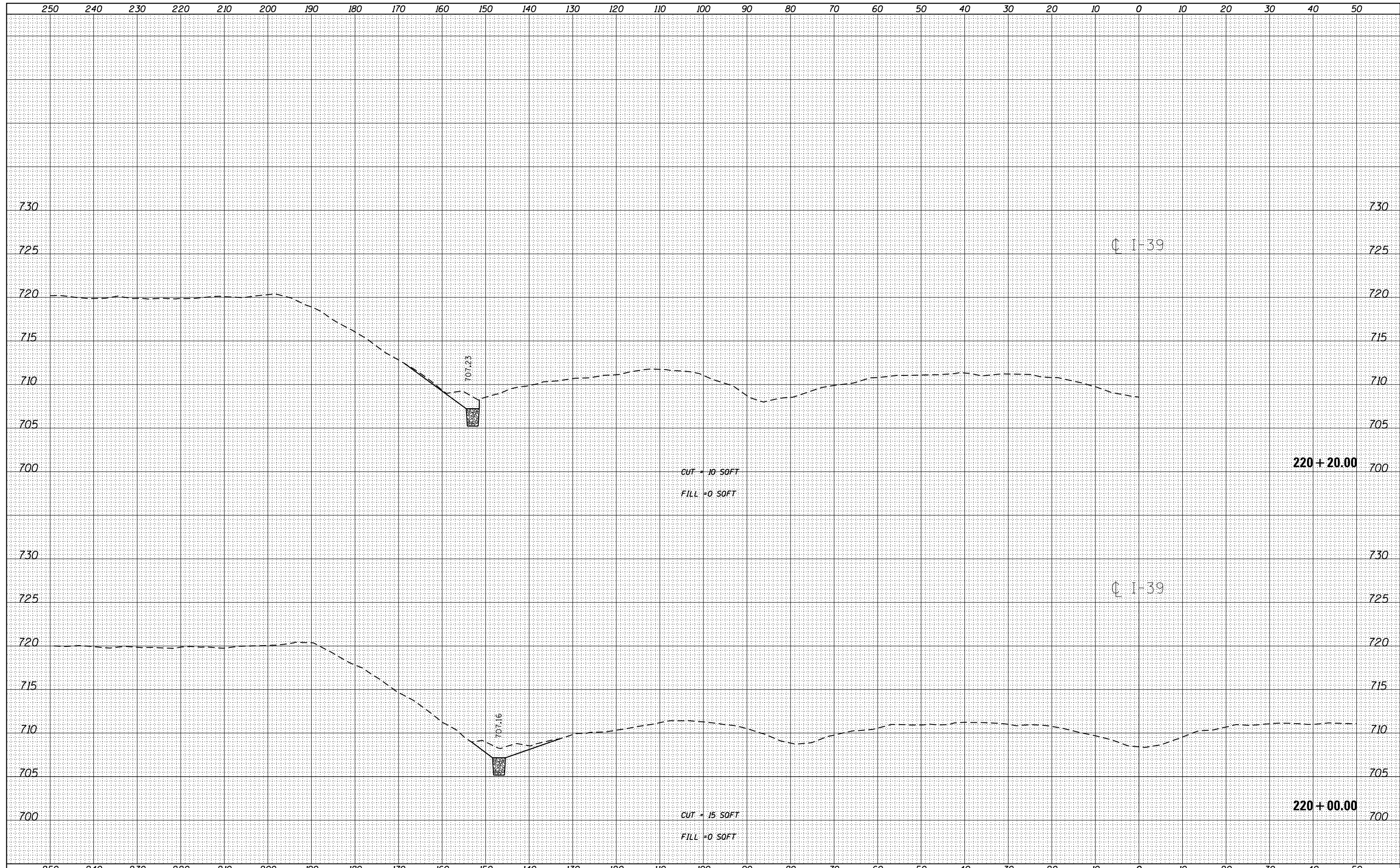
CUT = 8 SOFT

FILL = 0 SOFT



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

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



BY	DATE

BY	DATE

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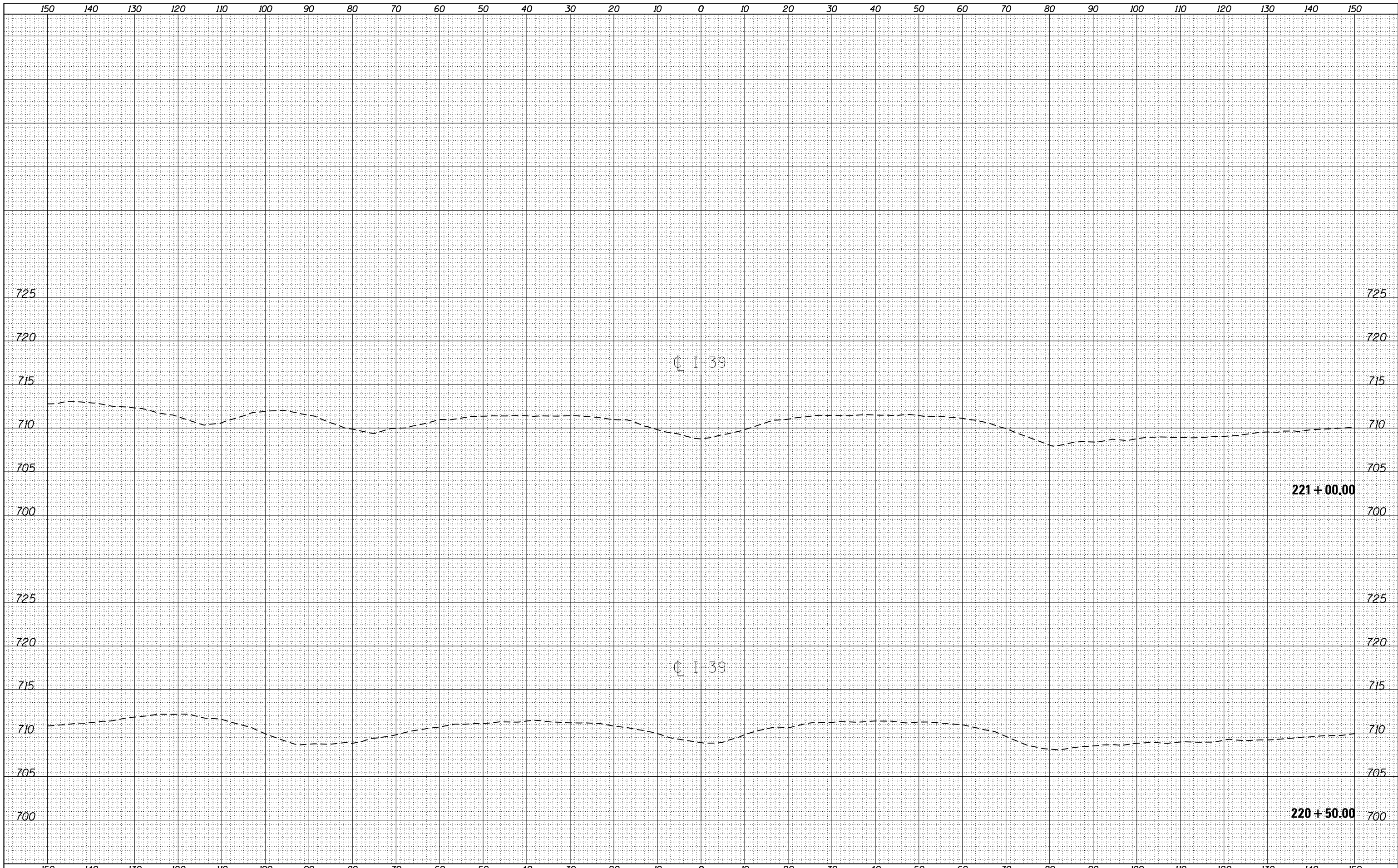
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	DRAWN -	REVISD -
	CHECKED -	REVISD -
	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA. 220+00.00	TO	STA. 220+20.00
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CROSS SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	112
CONTRACT NO. 68B71				
ILLINOIS FED. AID PROJECT				



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

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

FILE NAME = D468B71-sht-cover.dgn
Default

USER NAME = aubreys	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1/99.9999' / in.	CHECKED -	REVISED -
PLOT DATE = 1/22/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 220+50.00 TO STA. 221+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	62-12,3RS	MARSHALL	113	113
			CONTRACT NO. 68B71	
ILLINOIS FED. AID PROJECT				