

096

03-08-2019 LETTING ITEM 096

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	1
CONTRACT NO. 68E28				

* 23 + 8 = 31 TOTAL PAGES

INDEX OF SHEETS

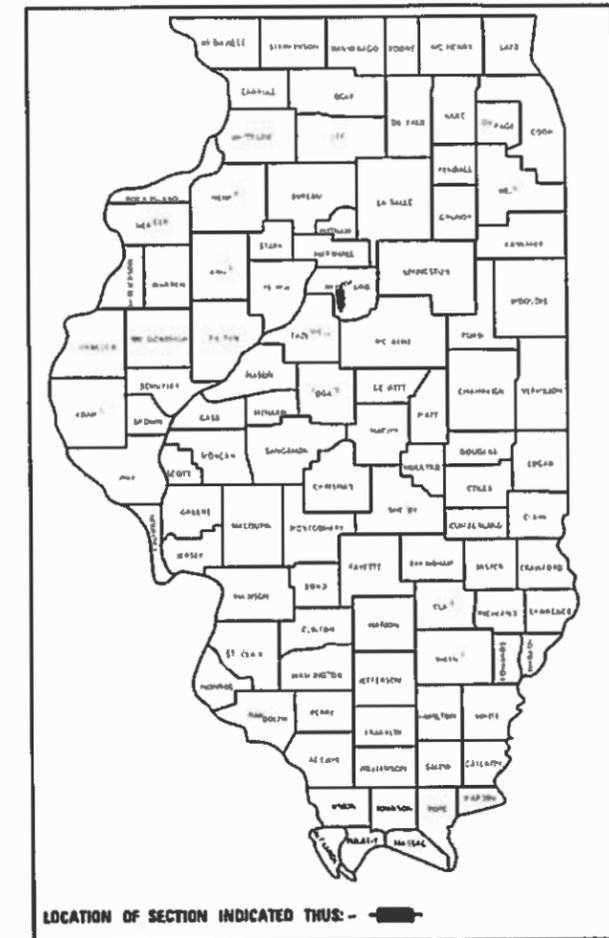
1	COVER
2-3	GENERAL NOTES
4-6	SUMMARY OF QUANTITIES
7-9	TYPICAL SECTIONS
10-12	SCHEDULES OF QUANTITIES
13	LINE DIAGRAM
14-16	DETAILS
17-23	DISTRICT STANDARDS

HIGHWAY STANDARDS

424001-11	701201-05
424016-05	701301-04
424026-03	701306-04
442201-03	701311-03
482011-03	701501-06
606001-07	701801-06
701001-02	701901-08
701006-05	780001-05
701011-04	781001-04

**PROPOSED
HIGHWAY PLANS**

FAP 702 ROUTE IL 117
SECTION 113RS-2
PROJECT STP-AAWY(576)
RESURFACING & COLD IN PLACE RECYCLING
WOODFORD COUNTY



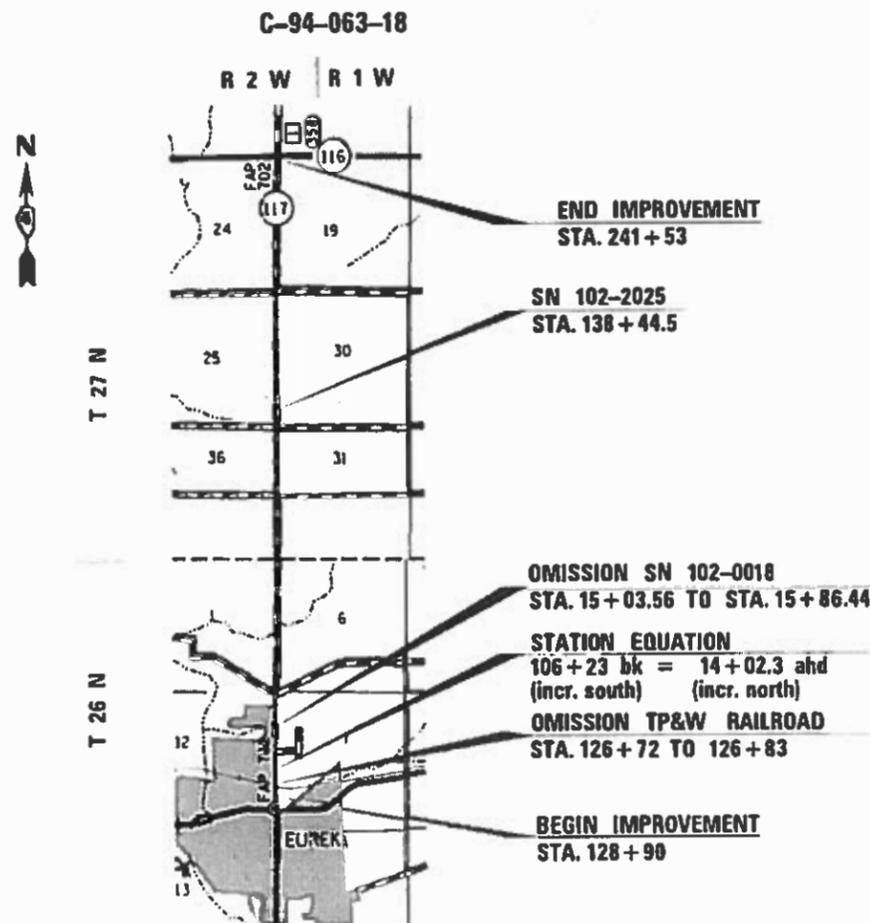
The project consists of 3.6 miles of Cold In Place Recycling 3",
1.15 miles of HMA Surface Removal and the placement
of a HMA overlay.



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 MIKE MCLUCKIE (309)671-3468
CONTRACT NO. 68E28
CATALOG NO. 035615-00D



GROSS LENGTH = 25185.6 FT. = 4.77 MILE
NET LENGTH = 25091.72 FT. = 4.75 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 13 20 18

Kenasi A Barnett (KSD)
REGION THREE ENGINEER

Feb 1 20 19
ENGINEER OF DESIGN AND ENVIRONMENT

Feb 1 20 19
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

REV. 2/1/19 REV 1/15/19

COMMITMENTS

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

AVAILABILITY OF ELECTRONIC FILES

MicroStation and GEOPAK files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent sideroads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

The Department reserves the right at any time to add additional Traffic Control Systems or devices within the active contract limits, by means of an additional contract. All terms of Article 105.08 of the Standard Specifications shall be followed by each Contractor.

NO PASSING ZONE VERIFICATION

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

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.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Cultural and Natural Resources Review of Borrow Areas)
- * 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

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall 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.

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.

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.

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structure, SN 102-0018 may be crossed with the empty MTD. Any structures not listed above shall be verified by the resident prior to beginning work.

MODEL: I:\MODELS\IAMES
FILE NAME: ST113

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND COMMITMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	2
CONTRACT NO. 68E28				
		ILLINOIS	FED. AID PROJECT	

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 (20 mm) 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 included in the cost of the associated pavement and/or overlay pay items.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb /sq ft
Existing Pavement	0.04 lb /sq ft
Fog Coat (between lifts)	0.04 lb /sq ft

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Polymer Surface 1.5"	Incidental Surface	Polymer Leveling Binder 1"
AC/PG:	SBS or SBR 76-28	PG 64-22	SBS or SBR 76-22
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 9.5	IL 4.75
Friction Aggregate:	Mix D	Mix C	NA
Quality Management Program:	QCP	QCQA	QCQA

Note: 1) 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 maximum aggregate size, unless otherwise approved by the Engineer.
 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted.
 3) Sublot sizes for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

JOB SPECIFIC NOTES

SETTING OF DISK NOTES

All section corner location on this project shall be located and verified by a Licensed Land Surveyor prior to any removal work being performed. The Land Surveyor shall locate the existing section corners through courthouse research, personal knowledge or through the assistance of local firms performing Land Surveying in the area. If the section corner does not exist through either its physical location or through ties in the field it shall not be reset, there shall be no calculating of section corners onto a project required.

Once the paving and stripping operations have been performed the section corner shall be reset at the direction of a licensed Land Surveyor. If any dimensions have been changed, it shall be the responsibility of the surveyor to file a new monument record in the appropriate courthouse.

Two copies of all drawings or monument records produced from this project shall be sent to the Chief of Plats and Plans, Illinois Department of Transportation, District 4, Peoria, IL.

The supplying, drilling, setting of disks, professional services, labor and any other additional work required to perform this work shall be paid for under pay item 66700205.

Refer to sheet 21 in the plans for the standard drawing.

Railroad flaggers will not be paid for at a unit price but will be paid for according to Article 109.5 of the Standard Specifications.

The Contractor must coordinate their schedule of operations with District 4's Railroad Utility coordinator, Sue Eckhoff at (309) 671-3372.

MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$FILE\$

USER NAME = \$USERS\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES\$	CHECKED -	REVISED -
PLOT DATE = \$DATES\$	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND COMMITMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	3
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				WOODFORD ROADWAY		WOODFORD ROADWAY	WOODFORD ROADWAY
				0005		0005	0005
				80% FED		50% STATE	100% CITY
				20% STATE		50% CITY	100% CITY
20200100	EARTH EXCAVATION	CU YD	69	69			
25000750	MOWING	ACRE	13.5	13.5			
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	142	142			
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	45049	44333.3		682.6	33.1
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1245	1245			
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1720	1720			
40600990	TEMPORARY RAMP	SQ YD	566	566			
40603535	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	6554	6470.5		79.6	3.9
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	170	170			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	660	660			
42400800	DETECTABLE WARNINGS	SQ FT	134	134			
44000154	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/4"	SQ YD	909			867	42
44000158	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	21653	21653			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	181	181			
44000600	SIDEWALK REMOVAL	SQ FT	947	947			
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	46	46			

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FILE NAME*FILES*

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

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	4
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				WOODFORD ROADWAY 0005		WOODFORD ROADWAY 0005	WOODFORD ROADWAY 0005
				80% FED		50% STATE	
				20% STATE		50% CITY	100% CITY
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1382	1382			
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	181	181			
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	5	5			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3			
67100100	MOBILIZATION	L SUM	1	1			
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1			
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5052	5052			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	834	834			
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	122.4	122.4			
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	67423	67423			
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	340	340			

*= SPECIALTY ITEM

MODEL NUMBER
FILE NUMBER

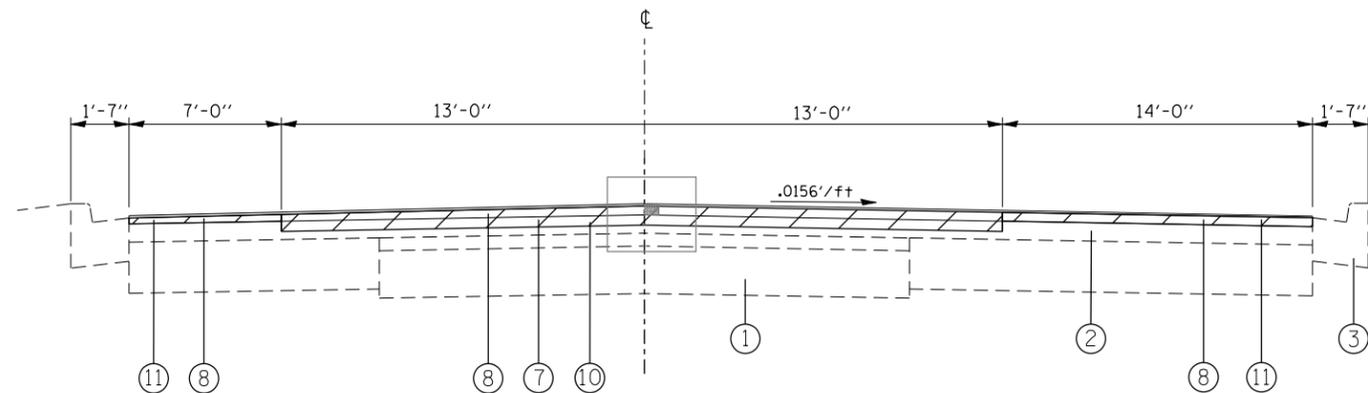
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	5
CONTRACT NO. 68E28				

ILLINOIS FED. AID PROJECT

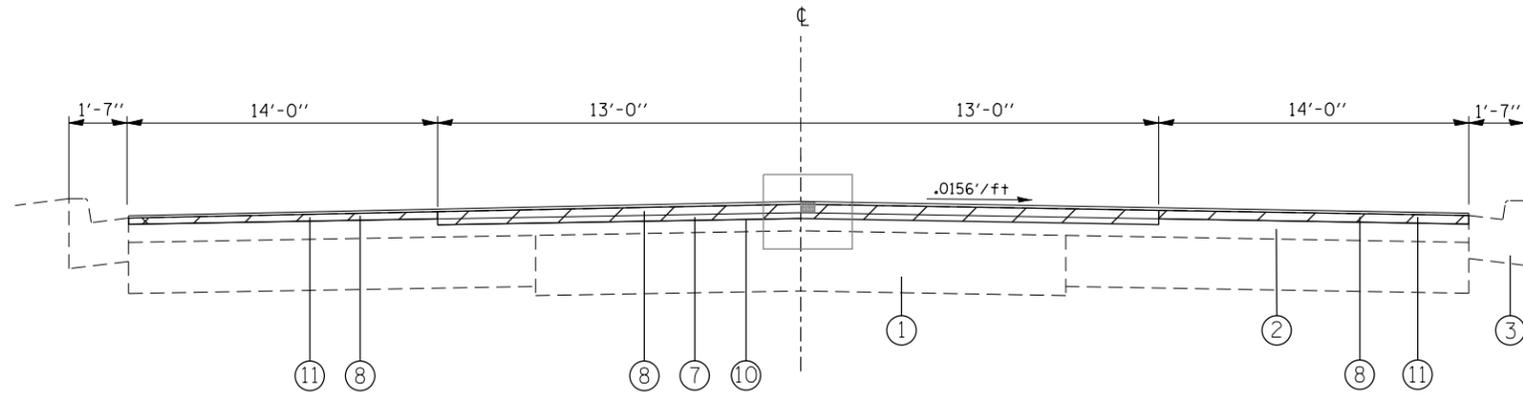


IL 117 PROP TYPICAL SECTION
 STA. 125+22 (S) TO STA. 126+72 (S)

LEGEND

- ① EX PCC PAVEMENT
- ② EX HMA OVERLAY
- ③ EX CCC & GUTTER
- ④ EX SHOULDER

- ⑦ PROP POLYMERIZED HMA LEVELING BINDER 1"
- ⑧ PROP POLYMERIZED HMA SURF CSE, MIX D, N 50 1 1/2"
- ⑨ PROP COLD IN PLACE RECYCLING 3"
- ⑩ PROP HMA SURFACE REMOVAL, 2 1/4"
- ⑪ PROP HMA SURFACE REMOVAL, 1 1/4"
- ⑫ PROP AGG WEDGE, TY B
- ⑬ PROP HMA SURFACE REMOVAL (SPECIAL)



IL 117 PROP TYPICAL SECTION
 STA. 126+83 (S) TO STA. 128+90 (S)

OMISSION
 S.N. 102-0018
 STA. 15+03.56 TO STA. 15+86.44
 TP&W RAILROAD
 STA. 126+72 TO STA. 126+83

NOTE:
 SEE CONSTRUCTION SEQUENCE
 FOR MILLING AND PAVING SPECIAL
 PROVISION.

(S) - Stations increasing to the South

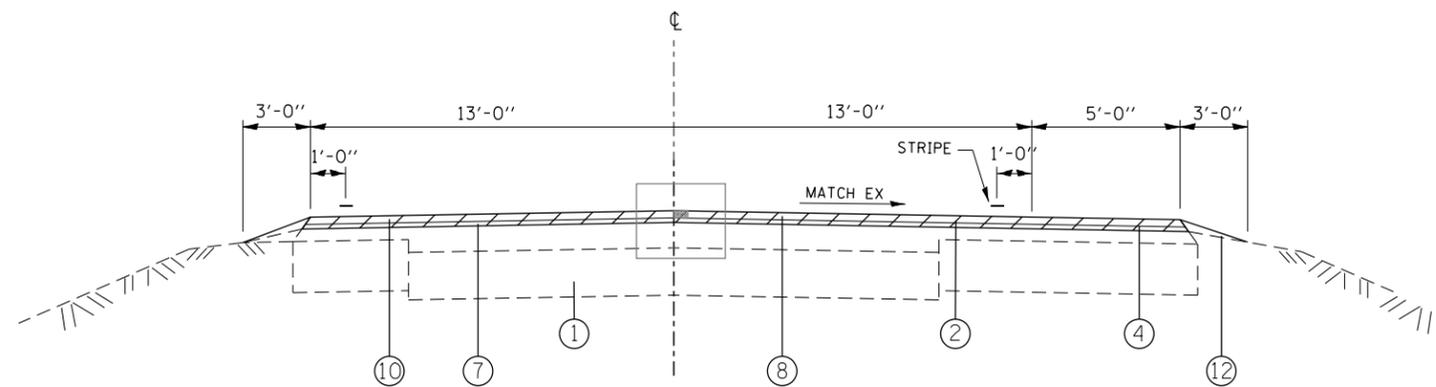
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	7
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				



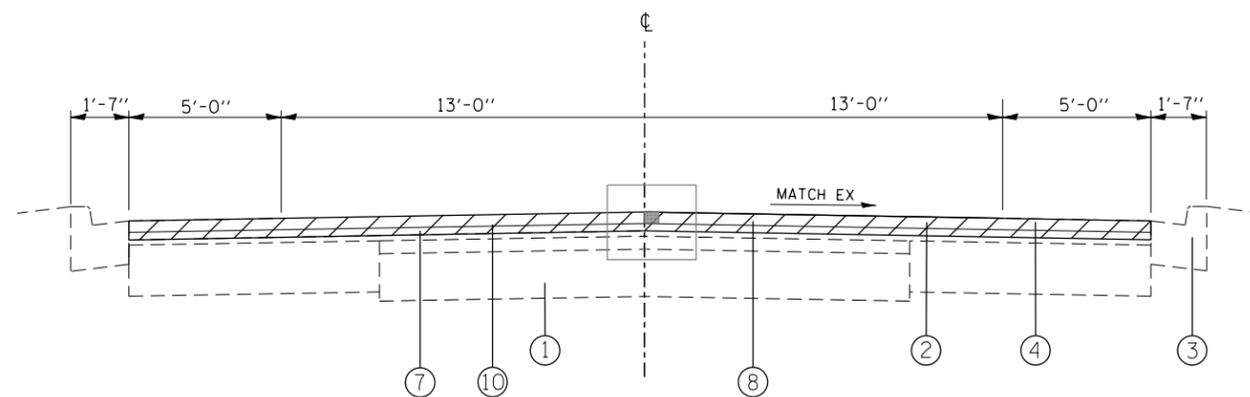
IL 117 PROP TYPICAL SECTION

STA. 25+70 TO 32+10 STA. 18+21 TO STA. 25+70
 STA. 41+74 TO 51+40 STA. 32+10 TO 41+74
 STA. 235+60 TO 241+53

LEGEND

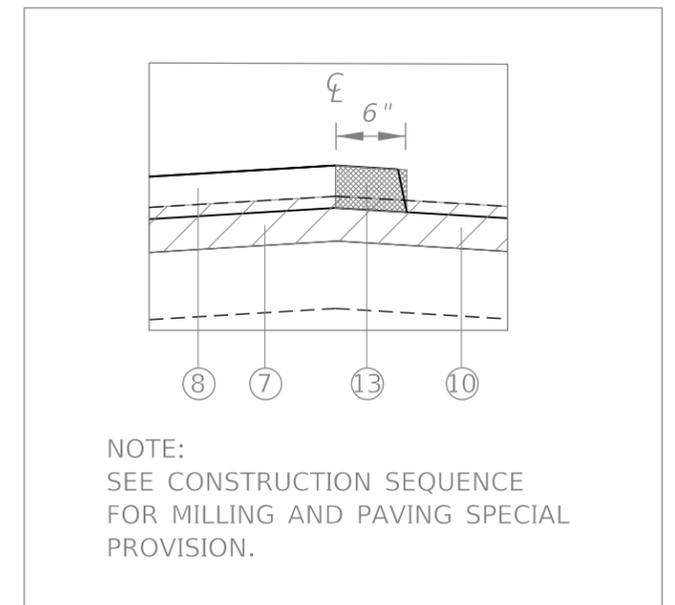
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- ② EX HMA OVERLAY
- ③ EX CCC & GUTTER
- ④ EX SHOULDER

- ⑦ PROP POLYMERIZED HMA LEVELING BINDER 1"
- ⑧ PROP POLYMERIZED HMA SURF CSE, MIX D, N 50 1 1/2"
- ⑨ PROP COLD IN PLACE RECYCLING 3"
- ⑩ PROP HMA SURFACE REMOVAL, 2 1/4"
- ⑪ PROP HMA SURFACE REMOVAL, 1 1/4"
- ⑫ PROP AGG WEDGE, TY B
- ⑬ PROP HMA SURFACE REMOVAL (SPECIAL)



IL 117 PROP TYPICAL SECTION

STA. 125+22 (S) TO STA. 106+23 (S)
 STA. EQU. 106+23(S)=14+02.3(N)
 14+02.3 TO 15+03.56
 15+86 TO 18+21



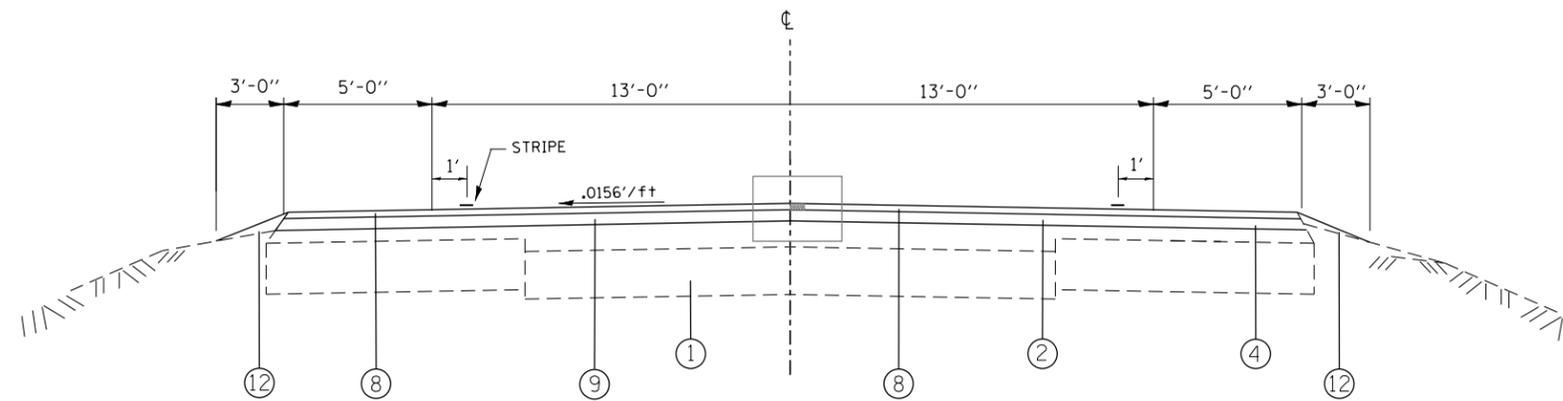
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	8
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				

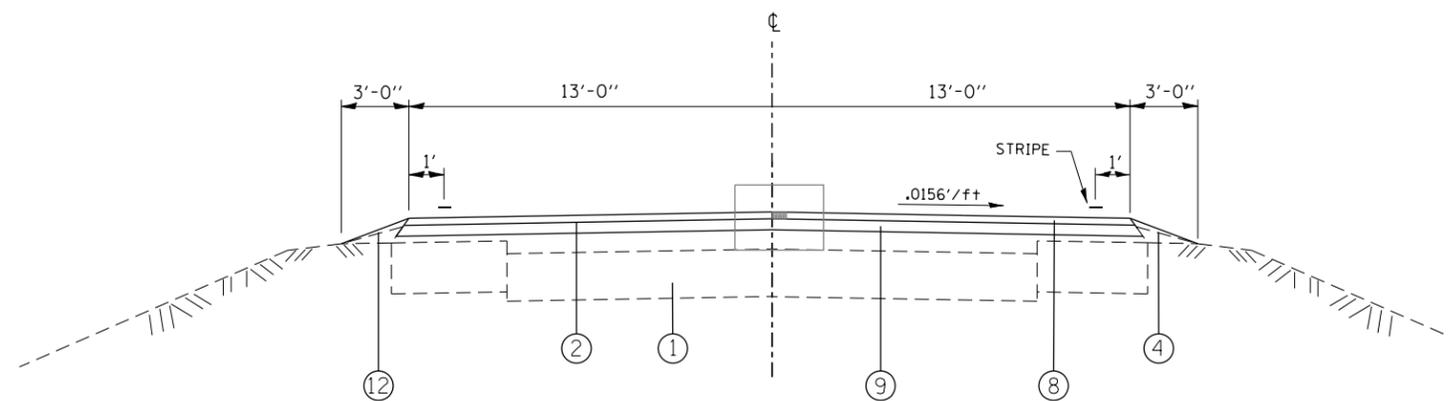


IL 117 PROP TYPICAL SECTION
 STA. 53+80 TO STA. 55+66

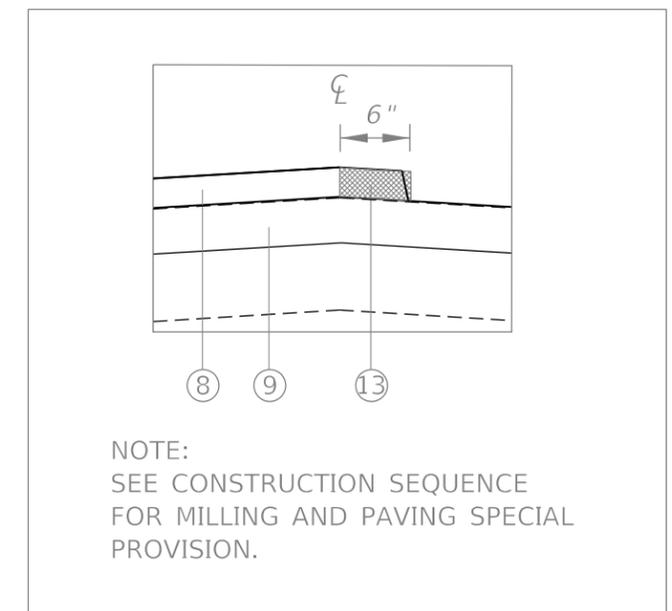
LEGEND

- ① EX PCC PAVEMENT
- ② EX HMA OVERLAY
- ③ EX CCC & GUTTER
- ④ EX SHOULDER

- ⑦ PROP POLYMERIZED HMA LEVELING BINDER 1"
- ⑧ PROP POLYMERIZED HMA SURF CSE, MIX D, N 50 1 1/2"
- ⑨ PROP COLD IN PLACE RECYCLING 3"
- ⑩ PROP HMA SURFACE REMOVAL, 2 1/4"
- ⑪ PROP HMA SURFACE REMOVAL, 1 1/4"
- ⑫ PROP AGG WEDGE, TY B
- ⑬ PROP HMA SURFACE REMOVAL (SPECIAL)



IL 117 PROP TYPICAL SECTION
 STA. 51+40 TO 53+80
 STA. 55+66 TO 235+60



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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	9
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				

RESURFACING TABLE																			
LOCATION	WIDTH TRVLD WAY FT	WIDTH SHLDR(S) FT	WIDTH PARK LANE(S) FT	LENGTH FT	AREA SHLDR(S) & PARK SQ YD	AREA TRVLD WAY SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL			PROPOSED TEMPORARY RAMP 1:40 SQ YD	PROPOSED POLYMERIZED HMA SURF COURSE 1.5" MAIN LINE TON	PROPOSED POLYMERIZED HMA SURF COURSE 1.5" SHOULDER TON	PROPOSED POLYMERIZED HMA SURF COURSE 1.5" PARKING LN TON	PROPOSED POLYMERIZED LEVELING BINDER 1" MAIN LINE TON	PROPOSED POLYMERIZED LEVELING BINDER 1" SHOULDER TON	PROPOSED POLYMERIZED BIT MATLS (TACK COAT) LB	PROPOSED COLD IN PLACE RECYCLING 3" SQ YD	PROPOSED CIR-FDR EMULSIFIED ASPHALT GALLON	PROPOSED HMA SURF REM VARIABLE DEPTH SQ YD
							BUTT JOINT SQ YD	1 1/4" SQ YD	2.25" SQ YD										
128+90 TO 128+80	26		28	10	31.1	28.9			60.0							65.2			
128+80 TO 126+93	26		28	187	581.8	540.2				581.8			540.2			1220.0			
126+93 TO 126+83	26		28	10	31.1	28.9			60.0							65.2			
RAIL ROAD OMISSION																			
126+72 TO 126+62	26		21	10	23.3	28.9			52.2							56.8			
126+62 TO 125+22	26		21	140	326.7	404.4				326.7			404.4			795.8			
125+22 TO 106+23	26	10		1899	2110	5486.0				7596.0			469.7	177.2		307.2	118.2		8287.0
STATION EQUATION 106+23(SOUTH) = 14+02.3(NORTH)																			
14+02 TO 14+93	26	10		91	101.1	262.9				363.99			22.5	8.5		14.7	5.7		397.1
14+93 TO 15+03	26	10		10	11.1	28.9			40.0				21.7	2.4		0.9			43.6
BRIDGE OMISSION																			
15+86 TO 15+96	26	10		10	11.1	28.9			40.0				21.7	2.4		0.9			43.6
15+96 TO 18+21	26	10		225	250	650.0				900.0			55.7	21.0		36.4	14.0		981.9
18+21 TO 25+70	26	5		749	416.1	2163.8				2579.9			185.3	35.0		121.2	23.3		2819.1
25+70 TO 32+10	26			640		1848.9				1848.9			158.3			103.5			2024.9
32+10 TO 41+74	26	5		964	535.6	2784.9				3320.5			238.4	45.0		156.0	30.0		3628.4
41+74 TO 51+40	26			966		2790.7				2646.2			238.9			156.3			3056.3
51+40 TO 53+80	26			240		693.3							59.3						254.1
53+80 TO 55+66	26	10		186	206.7	537.3							46.0	17.4					271.4
55+66 TO 235+60	26			17994		51982.7							4450.5						19053.6
235+60 TO 241+13	26			553		1597.6				1453.1			136.8			89.5			1749.6
241+13 TO 241+53	26			40		115.6		115.6					21.7	9.9		6.5			126.6
SUB-TOTALS				24924.00	4635.70	72002.67	367.78	908.50	21653.24	130.00	6164.31	305.90	83.50	1052.20	192.40	44940.40	53420.00	80130.00	288.89
SIDEROADS							1352.00			436.00						108.00			
TOTALS				24924.00	4635.70	72002.67	1719.78	908.50	21653.24	566.00			6553.71		1244.60	45048.40	53420.00	80130.00	288.89

SIDEROADS AND ENTRANCES								
LOCATION	SIDE	DESCRIPTION	WIDTH FT	LENGTH FT	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT SQ YD	PROPOSED TEMPORARY RAMP 1:40 SQ YD	INCIDENTAL HOT MIX ASPHALT SURFACING 2.25" TON	PROPOSED POLYMERIZED BIT MATLS (TACK COAT) .08#/SY LB
128+67	lt	E. Mill St.	na					
	rt	E. Mill St.	na					
124+18	lt	Graham St	28	16	49.8	23.3	6.3	4.0
	rt	Graham St	31	20	68.9	25.8	8.7	5.5
121+56	rt	Hill St.	22	21	51.3	18.3	6.5	4.1
114+52	rt	W. Crow St.	24	15	40	20.0	5.0	3.2
111+99	lt	Columbus St.	28	21	65.3	23.3	8.2	5.2
Station Equation								
18+09	lt	Maple Lawn St.	20	37	82.2	16.7	10.4	6.6
22+31	lt	Clinton St.	28	12	37.3	23.3	4.7	3.0
29+70	lt	Mt. Zion Rd.	33	40	146.7	27.5	18.5	11.7
30+23	rt	TR 171	18	30	60	15.0	7.6	4.8
41+85	lt	Shady Ln	22	20	48.9	18.3	6.2	3.9
45+02	lt	Edgewood Rd	27	21	63	22.5	7.9	5.0
108+91	lt	1150N	33	20	73.3	27.5	9.2	5.9
	rt	1150N	36	20	80	30.0	10.1	6.4
136+06	lt	1200N	50	30	166.7	41.7	21.0	13.3
137+12	rt	1200N	48	27	144	40.0	18.1	11.5
190+19	lt	1300N	35	22	85.6	29.2	10.8	6.8
190+94	rt	1300N	40	20	88.9	33.3	11.2	7.1
SUB-TOTALS				392	1352	436	170	108

MODEL: \\MODELS\MM\FILES

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	10
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				

AGGREGATE WEDGE SHOULDER , TYPE B						
LOCATION		WIDTH	LENGTH	TON		
		FT	FT	LT	RT	
128+90	TO 106+23	3	2267			
14+02	TO 18+21	3	418.7			
18+21	TO 25+70	3	749	23.1	23.1	
25+70	TO 32+10	3	640	19.7	19.7	
32+10	TO 41+74	3	964	29.7	29.7	
41+74	TO 242+17	3	20043	618.1	618.1	
242+17	TO 242+27	3	10	0.3	0.3	
SUB-TOTALS			25092	691	691	
TOTALS					1382	

SHORT TERM PAVEMENT MARKING 4"						
SHORT TERM PAVEMENT MARKING REMOVAL						
LOCATION			LENGTH	SKIP DASH 4'/40' Y	SHLDR 4'/100' W	REML
			FT	FOOT	FOOT	SQ FT
128+90	TO 106+23		2267	227		75
14+02	TO 41+74		2772	277		91
41+74	TO 241+53		19979	1998	24	667
				2 APPS	2 APPS	
TOTALS			25018	5004	48	834

MOWING					
LOCATION		WIDTH	LENGTH	ACRE	
		each side			
		FT	FT	TOTAL	
45+00	TO 241+53	15	19653	13.5	

STATE ONLY

MODIFIED URETHANE PAVEMENT MARKING - LINE 4"							
LOCATION		LENGTH	EDGE	NPZ SBL Y	SKIP DASH 10'/30' Y	NPZ NBL Y	EDGE W
STA	STA	FT	FOOT	FOOT	FOOT	FOOT	FOOT
128+90	TO 126+83	207			52	207	
126+72	TO 124+30	242		242	61		
124+30	TO 106+23	1807			452		
14+02	TO 22+00	798	798		200	798	798
22+00	TO 24+62	262	262	262		262	262
24+62	TO 32+63	801	801	801	200		801
32+63	TO 35+00	237	237		59		237
35+00	TO 44+50	950	950		238	950	950
44+50	TO 46+50	200	200	200		200	200
46+50	TO 59+45	1295	1295	1295	324		1295
59+45	TO 60+42	97	97		24		97
60+42	TO 70+31	989	989		247	989	989
70+31	TO 87+39	1708	1708	1708		1708	1708
87+39	TO 96+69	930	930	930	233		930
96+69	TO 105+72	903	903		226		903
105+72	TO 113+45	773	773		193	773	773
113+45	TO 115+77	232	232		58		232
115+77	TO 123+33	756	756	756	189		756
123+33	TO 134+68	1135	1135		284		1135
134+68	TO 150+54	1586	1586		397	1586	1586
150+54	TO 153+12	258	258		65		258
153+12	TO 160+12	700	700	700	175		700
160+12	TO 163+30	318	318		80		318
163+30	TO 173+14	984	984		246	984	984
173+14	TO 174+14	100	100		25		100
174+14	TO 182+75	861	861	861	215		861
182+75	TO 241+53	5878	5878		1470		5878
SUB-TOTALS		25007	22751	7755	5709	8457	22751
TOTALS		24800			67423		

RAISED REFLECTIVE PAVEMENT MARKERS					
LOCATION			LENGTH	INSTALL	REM
				W	
			FT	EACH	EACH
128+90	TO 126+83		207	3	3
126+72	TO 124+30		242	3	3
124+30	TO 106+23		1807	23	23
14+02	TO 241+53		22751	284	284
TOTALS			25007	313	313

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	DRAWN -	REVISED -
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PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	11
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				

CLASS D PATCHES, TYPE II, 15 INCH		
LOCATION	SQ YD	
STATION	LT	RT
14+30	5.8	5.8
16+60	5.8	5.8
137+25	5.8	5.8
139+60	5.8	5.8
TOTAL	46.4	

SIDEWALK REMOVAL AND REPLACEMENT						
LOCATION	SW REMOVAL SQ FT	PCC SW 4" SQ FT	PCC SW 6", SPL SQ FT	DET WARNING SQ FT	CCC&G REM LIN FT	CCC&G TY B6.12 LIN FT
LT 128+86	42.5	42.5		18	19	19
RT 128+86	72.5	72.5		14	17	17
LT 128+48	76.9	85		22	20	20
RT 128+48	65.1	72.5		14	17	17
LT 124+51	55.5	75		10	15	15
RT 124+51	110.7	125		20	33	33
RT 121+86	180		230.9	8	15	15
RT 121+26	144		203.5	8	15	15
RT 114+67	75	62.3		10	15	15
RT 114+38	125	125		10	15	15
TOTALS	947.2	659.8	434.4	134	181	181

ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	CAL MO
Jobsite	3
TOTAL	3

PERMANENT SURVEY MARKERS, TY I			
Township/Range	Section Corner	Monument Type	EACH
T. 26N-R. 2W	NE Corner Section 12	Brass Disk	1
T. 26N-R. 1W	SW Corner Section 6	Brass Disk	1
T. 27N-R. 2W	E Quarter Corner Section 36	Rebar/Stem	1
T. 27N-R. 2W	SE Corner Section 25	Brass Disk	1
T. 27N-R. 1W	NW Corner Section 31	Brass Disk	1
TOTALS			5

HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	
LOCATION	SQ YD
Jobsite	1385
TOTAL	1385

MATERIAL TRANSFER DEVICE	
LOCATION	TON
HMA SURFACE COURSE, 1 1/2"	6554
HMA LEVELING BINDER, 1"	1245
TOTAL	7799

MODIFIED URETHANE PAVEMENT MARKING - LINE 24"				
LOCATION	SIDE	DESCRIPTION	WIDTH	SIDEROADS AND ENTRANCES
			FT	FT
128+67	lt	E. Mill St.	na	
	rt	E. Mill St.	na	
126+57	rt / lt	Railroad	13	78
124+18	lt	Graham St	28	14
	rt	Graham St	31	15.5
121+56	rt	Hill St.	22	11
114+52	rt	W. Crow St.	24	12
111+99	lt	Columbus St.	28	14
Station Equation				
18+09	lt	Maple Lawn St.	20	10
22+31	lt	Clinton St.	28	14
29+70	lt	Mt. Zion Rd.	33	16.5
30+23	rt	TR 171	18	9
41+85	lt	Shady Ln	22	11
45+02	lt	Edgewood Rd	27	13.5
108+91	lt	1150N	33	16.5
	rt	1150N	36	18
136+06	lt	1200N	50	25
137+12	rt	1200N	48	24
190+19	lt	1300N	35	17.5
190+94	rt	1300N	40	20
TOTAL				340

EARTH EXCAVATION	
LOCATION	CU YD
Hill St - Sta. 121+56	69
TOTAL	69

TOPSOIL, FURNISH AND PLACE VAR DEPTH	
LOCATION	SQ YD
Hill St - Sta. 121+56	142
TOTAL	142

HANDRAIL REMOVAL	
LOCATION	EACH
Hill St - Sta. 121+56	2
TOTAL	2

CONCRETE STEP REMOVAL	
LOCATION	EACH
Hill St - Sta. 121+56	3
TOTAL	3

FRAMES & LIDS TO BE ADJUSTED	
LOCATION	EACH
Mill St - Sta. 128+67	2
TOTAL	2

MODIFIED URETHANE PAVEMENT MARKING - LETTERS & SYMBOLS		
PAVEMENT MARKINGS AT RAILROAD CROSSING		
		SQ FT
MODIFIED URETHANE PAVEMENT MARKING LETTERS & SYMBOLS	R R	14.4
MODIFIED URETHANE PAVEMENT MARKING 16"	X	108
TOTALS		122.4

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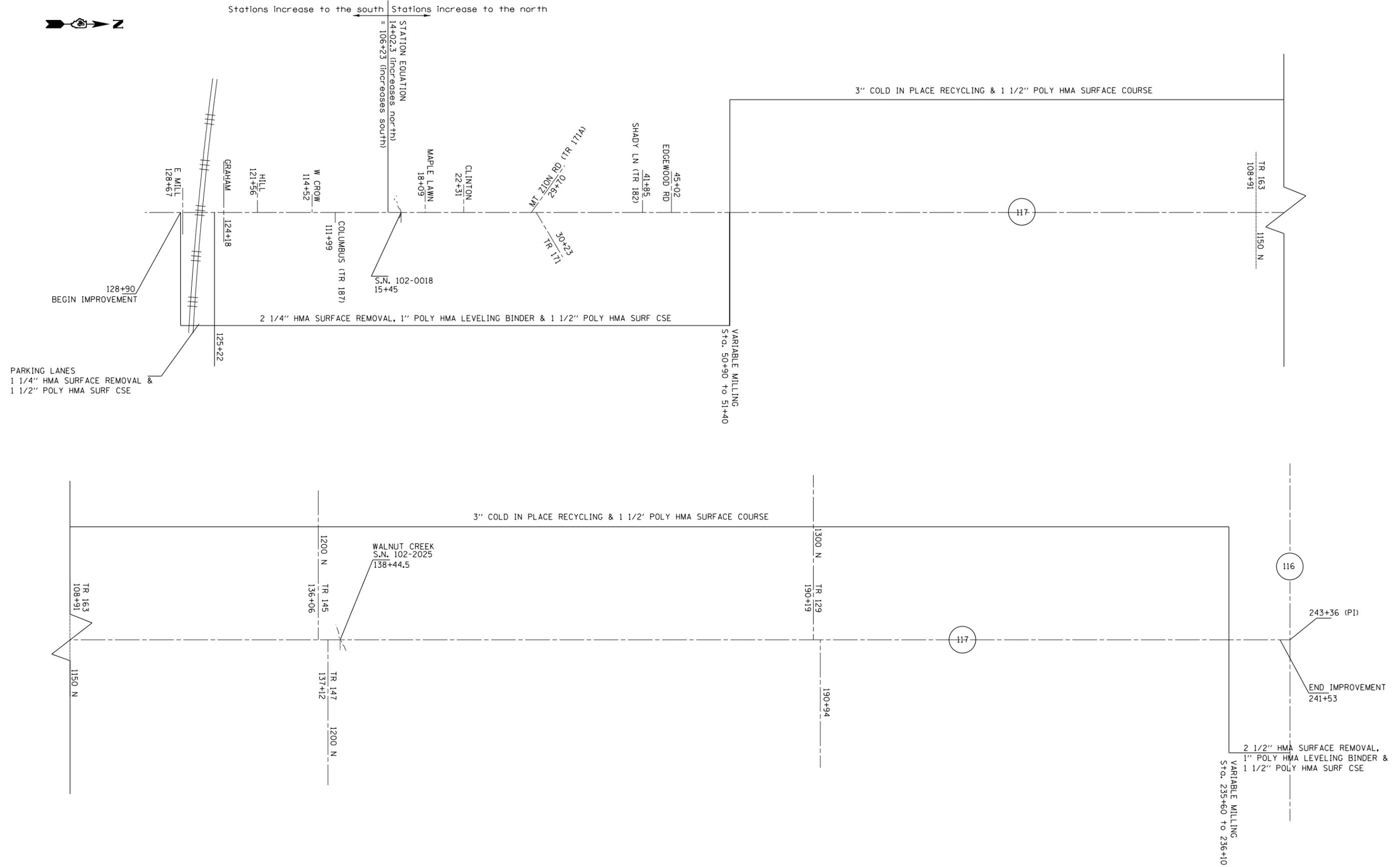
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	12
				CONTRACT NO. 68E28
				ILLINOIS FED. AID PROJECT



Stations increase to the south Stations increase to the north



MODEL: \\MODELS\MAMES
FILE NAME: ST115

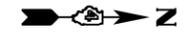
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

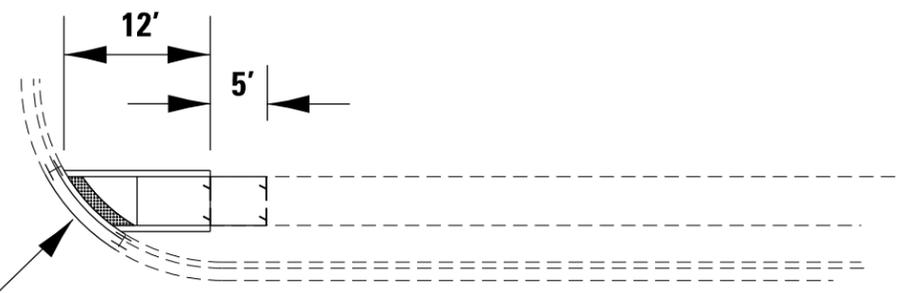
LINE DIAGRAM

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	13
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				



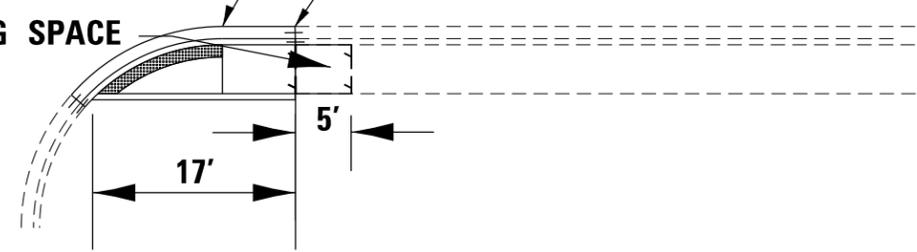
Rt. 128 + 48



CCC&G Ty B6.12 REMOVAL AND REPLACEMENT

2 #6 x 30" TIE BARS (typ) *

TURNING SPACE



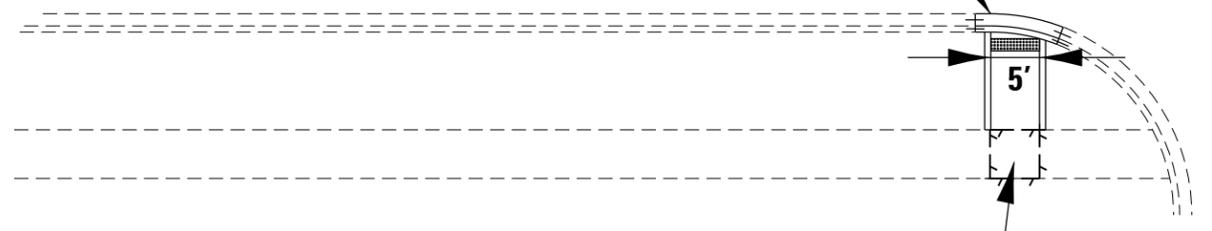
**Lt. 128 + 48
Mill Street**

Rt. 124 + 51



TURNING SPACE

CCC&G Ty B6.12 REMOVAL AND REPLACEMENT



TURNING SPACE

**Lt. 124 + 51
Graham Street**

*** TIE BARS FOR THE CCC&G CONSTRUCTION JOINTS ARE TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE PORTIONS OF ARTICLE 420.05 OF THE STANDARD SPECIFICATIONS AND CONSIDERED AS INCLUDED IN THE AGREED UNIT COST BID FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B6.12.**

NOTE: FINAL SIDEWALK REMOVAL AND REPLACEMENT LIMITS ARE TO BE DETERMINED IN THE FIELD. SIDEWALK CURB RAMPS WILL BE CONSTRUCTED IN ACCORDANCE WITH STATE STANDARD 424001.

MODEL: \\MODEL\NAME\$
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	DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

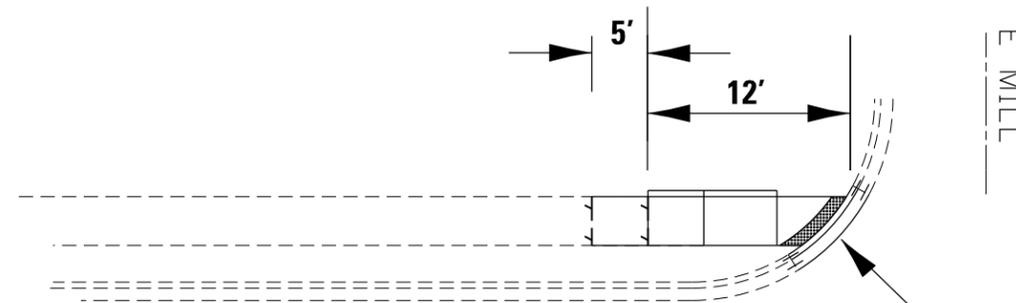
SIDEWALK REMOVAL AND REPLACEMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	14
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				



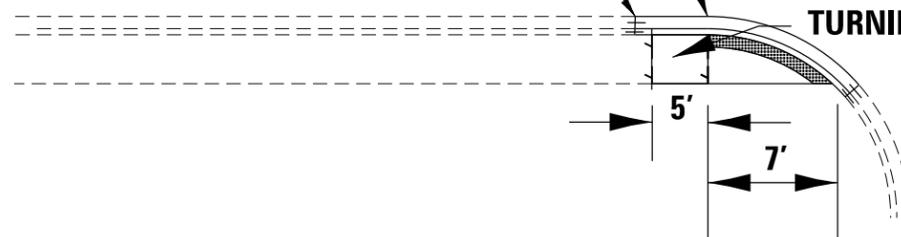
Rt. 128 + 86



2 #6 x 30" TIE BARS (typ) *

CCC&G Ty B6.12 REMOVAL AND REPLACEMENT

TURNING SPACE



Lt. 128 + 86
Mill Street

* TIE BARS FOR THE CCC&G CONSTRUCTION JOINTS ARE TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE PORTIONS OF ARTICLE 420.05 OF THE STANDARD SPECIFICATIONS AND CONSIDERED AS INCLUDED IN THE AGREED UNIT COST BID FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B6.12.

NOTE: FINAL SIDEWALK REMOVAL AND REPLACEMENT LIMITS ARE TO BE DETERMINED IN THE FIELD. SIDEWALK CURB RAMPS WILL BE CONSTRUCTED IN ACCORDANCE WITH STATE STANDARD 424001.

MODEL: 140DELMAMES
FILE: 140MMS_21113

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK REMOVAL AND REPLACEMENT

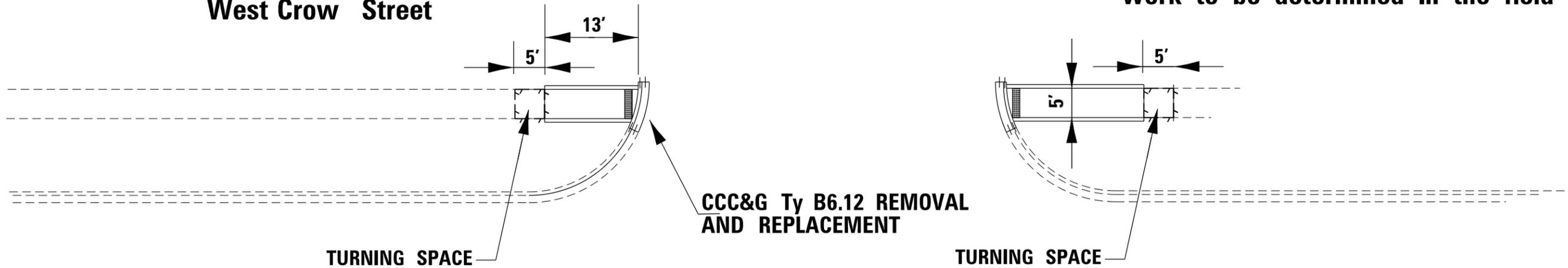
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	14a
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				



**RT. 114 + 67
West Crow Street**

**RT. 114 + 38 sidewalk ends in grass
work to be determined in the field**



*** TIE BARS FOR THE CCC&G CONSTRUCTION JOINTS ARE TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE PORTIONS OF ARTICLE 420.05 OF THE STANDARD SPECIFICATIONS AND CONSIDERED AS INCLUDED IN THE AGREED UNIT COST BID FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B6.12.**

NOTE: FINAL SIDEWALK REMOVAL AND REPLACEMENT LIMITS ARE TO BE DETERMINED IN THE FIELD. SIDEWALK CURB RAMPS WILL BE CONSTRUCTED IN ACCORDANCE WITH STATE STANDARD 424001.

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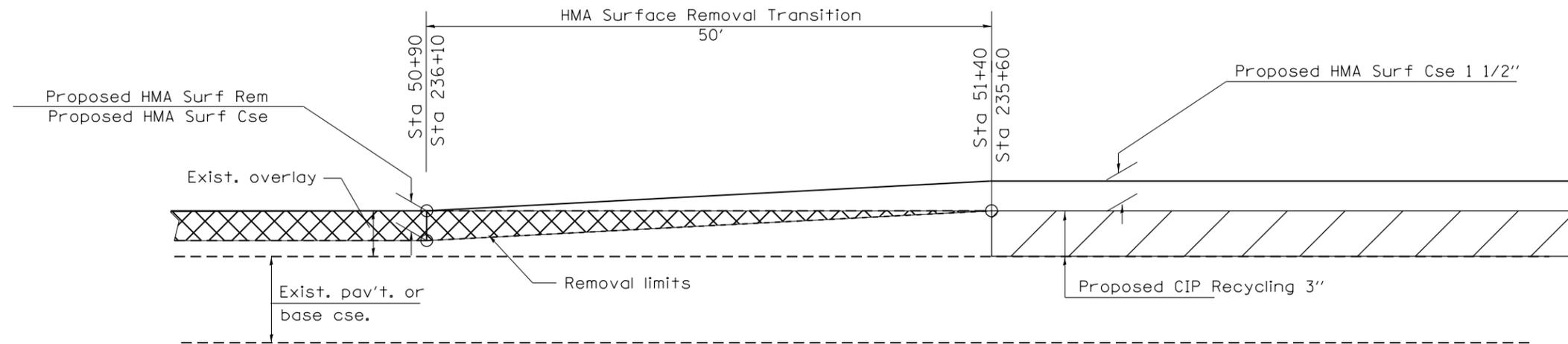
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

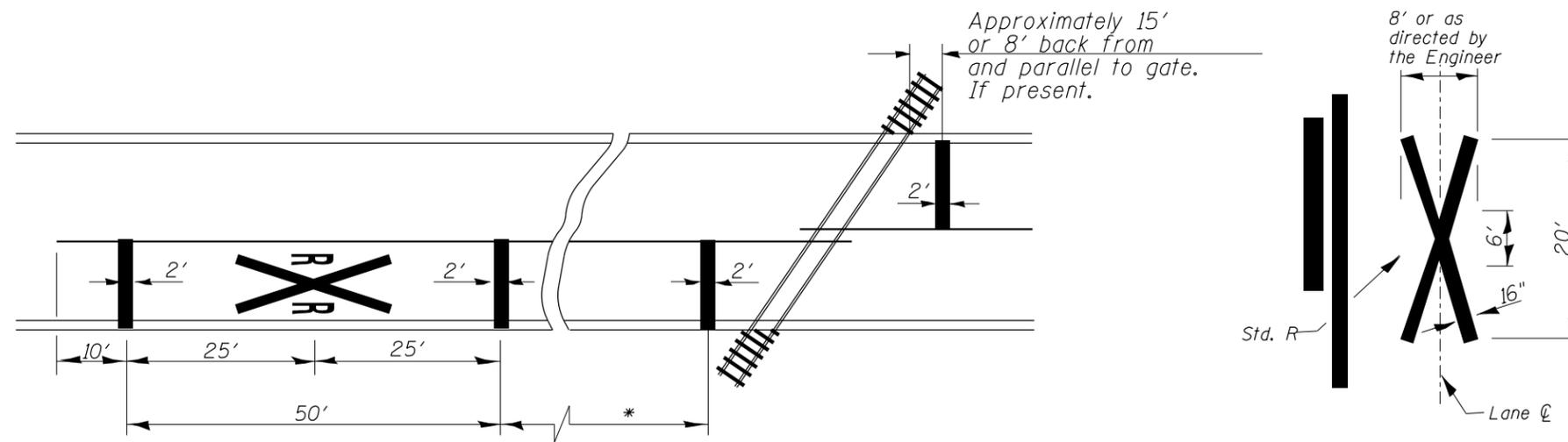
SIDEWALK REMOVAL AND REPLACEMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	15
CONTRACT NO. 68E28				
		ILLINOIS	FED. AID PROJECT	



Variable Milling Transition



* Minimum Distance
 400' for 55 MPH
 250' for 45 MPH
 100' for 35 MPH or Less

NOTES

The transverse spread of the "x" may vary according to lane width.

**PAVEMENT MARKINGS AT
 RAILROAD-HIGHWAY GRADE CROSSING**

MODEL: 140DELMARKS
 FILE NAME: 311E13

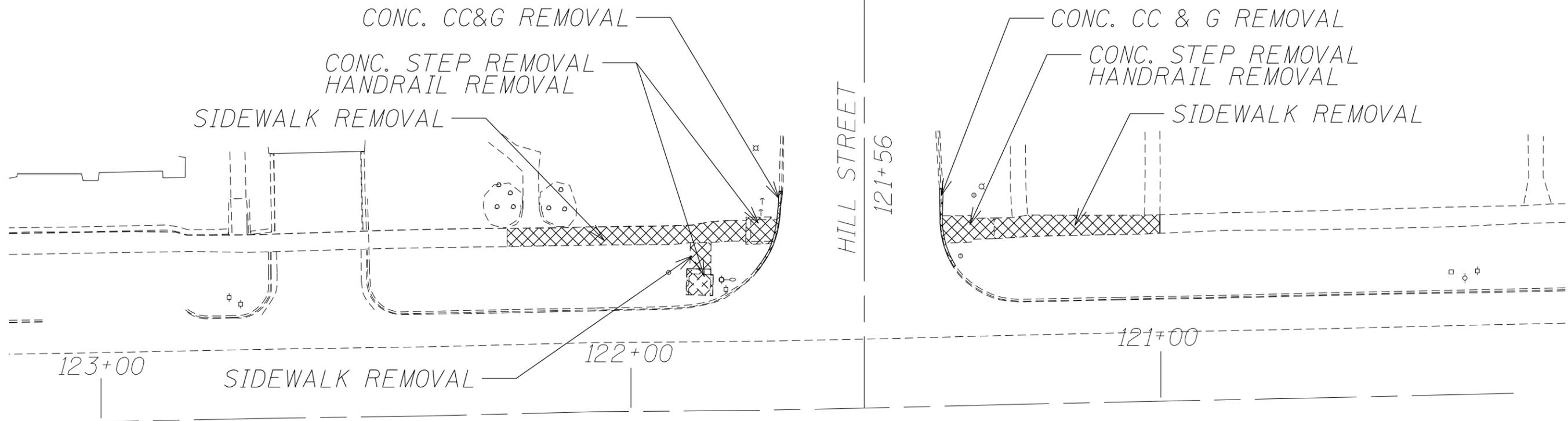
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PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

VARIABLE MILLING TRANSITION & PAVEMENT MARKING DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	16
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				



MODEL: 140DELMAR.MXD
FILE: 140DELMAR.DWG

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

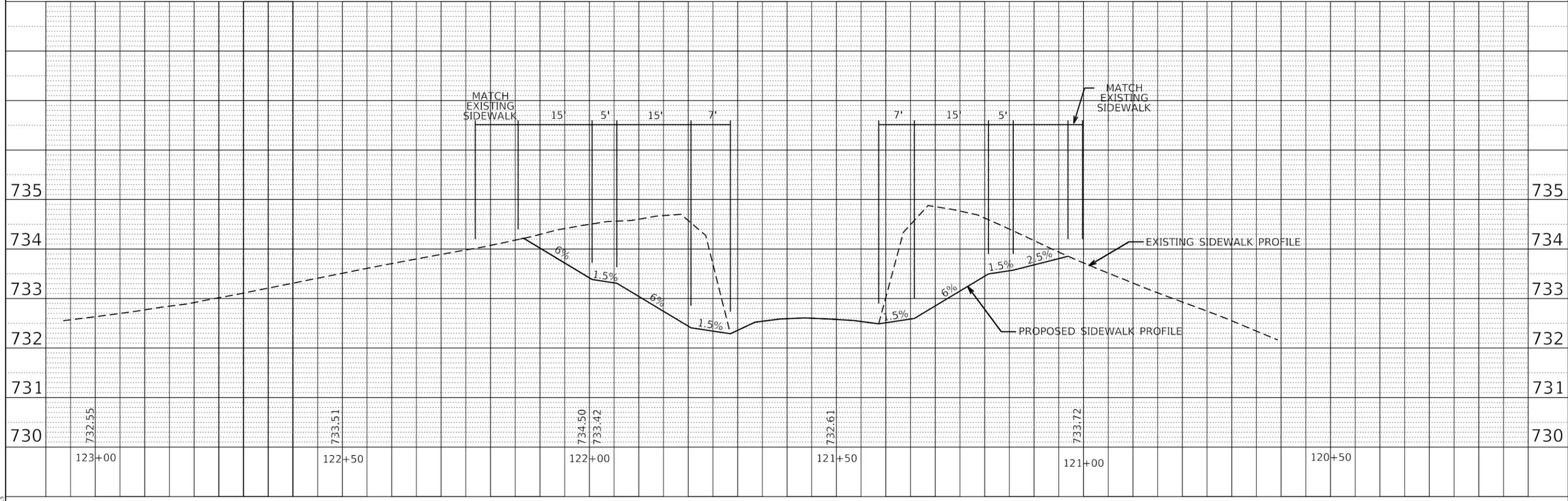
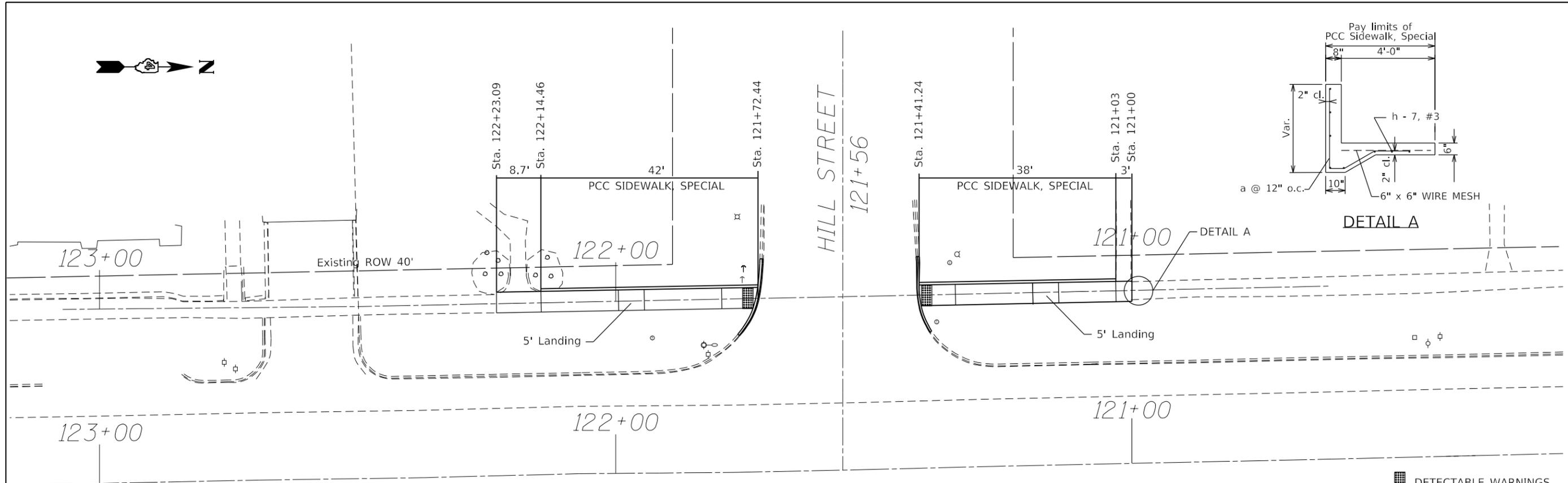
SIDEWALK REMOVAL				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	16a
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

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



MODEL: SPODELNAME
FILE NAME: SPFILE

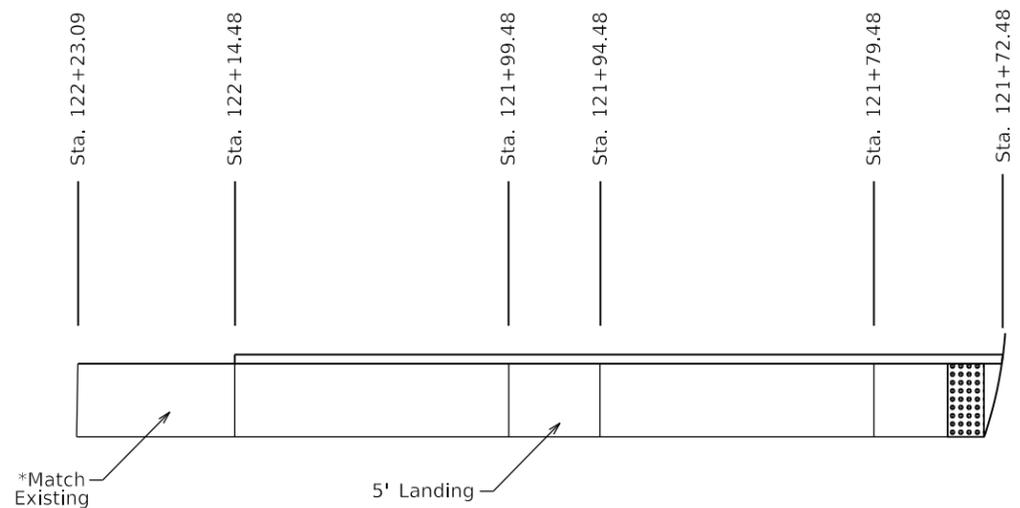
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK PLAN & PROFILE

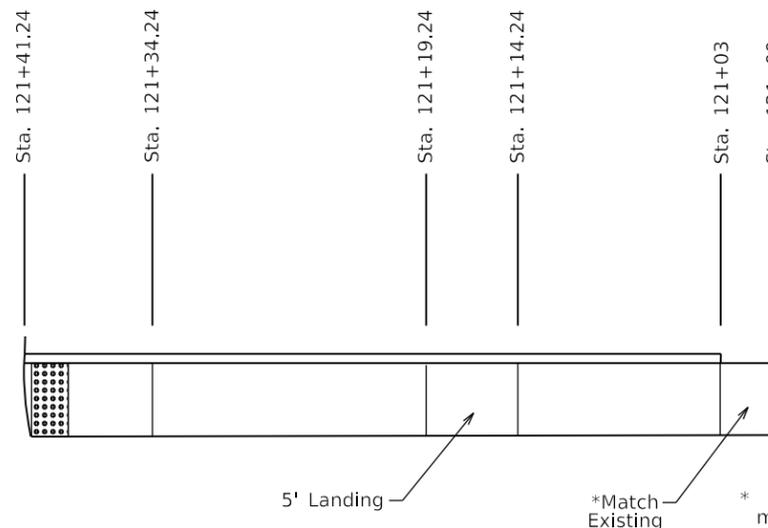
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	16b
CONTRACT NO. 68E28				
ILLINOIS FED. AID PROJECT				



WALL 1
PCC SIDEWALK 6", SPECIAL
PLAN

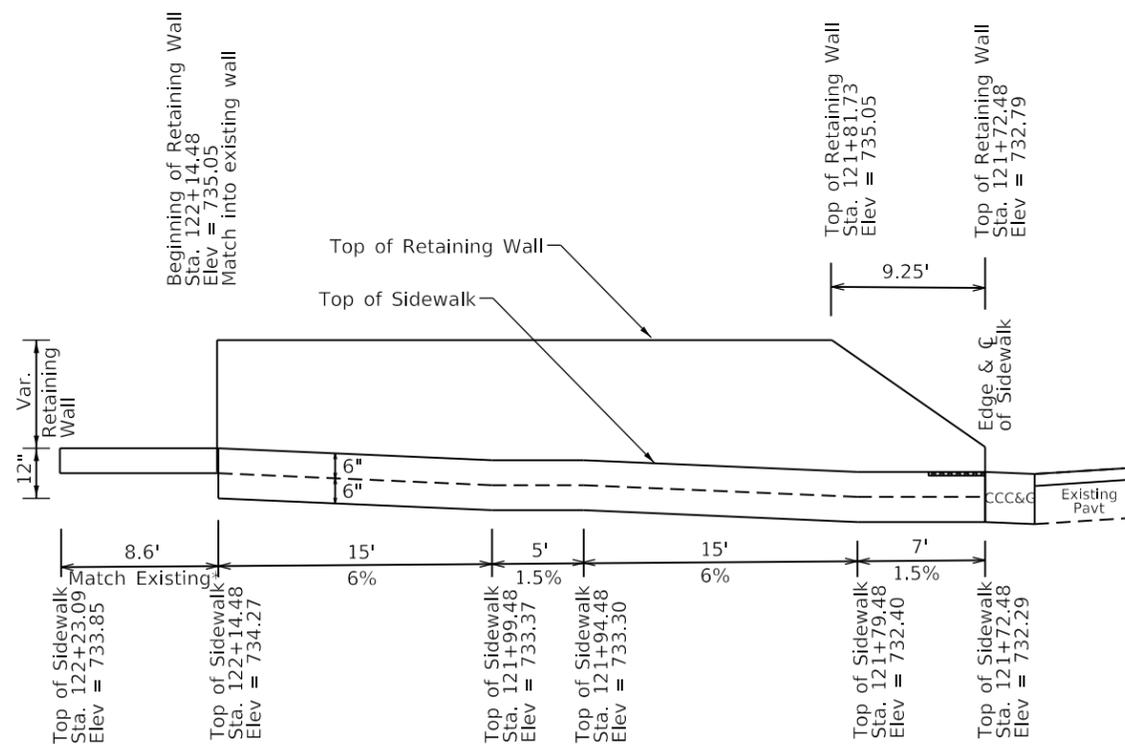
HILL STREET
121+56



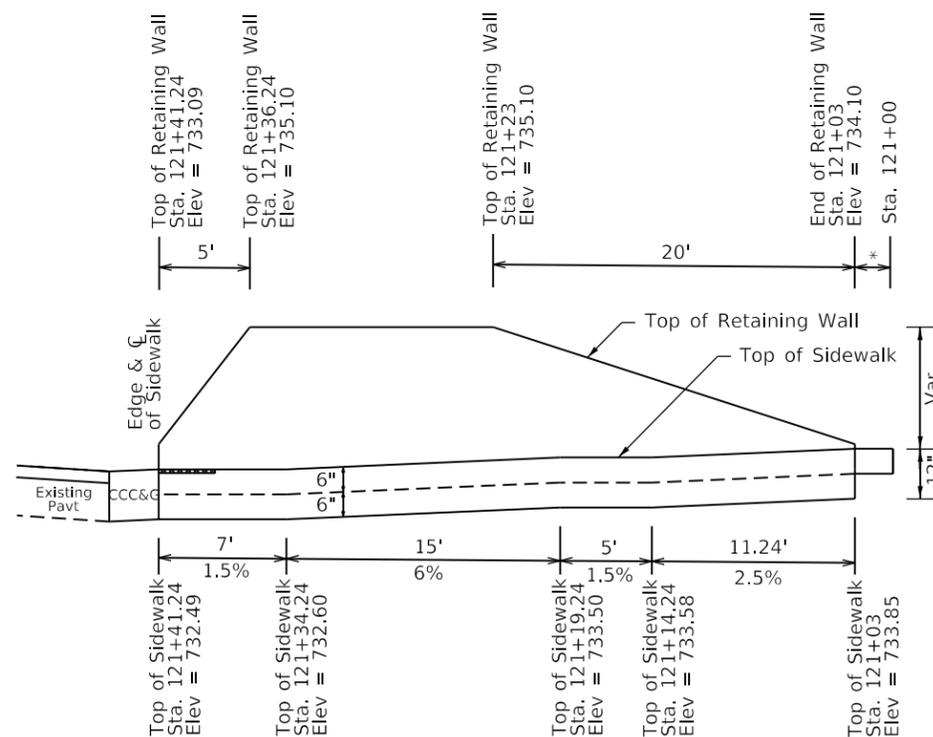
WALL 2
PCC SIDEWALK 6", SPECIAL
PLAN



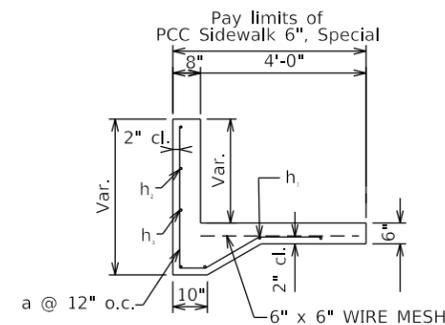
* Locations where sidewalk is matching existing sidewalk, no retaining wall will be required. These locations will be paid for as PCC SIDEWALK 6", SPL.



WALL 1
PCC SIDEWALK, SPECIAL
ELEVATION



WALL 2
PCC SIDEWALK 6", SPECIAL
ELEVATION



DETAIL A

NOT TO SCALE

MODEL: S:\MODEL\NAMES
FILE NAME: S:\FILES

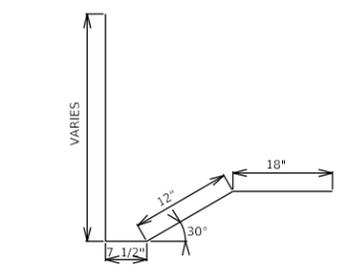
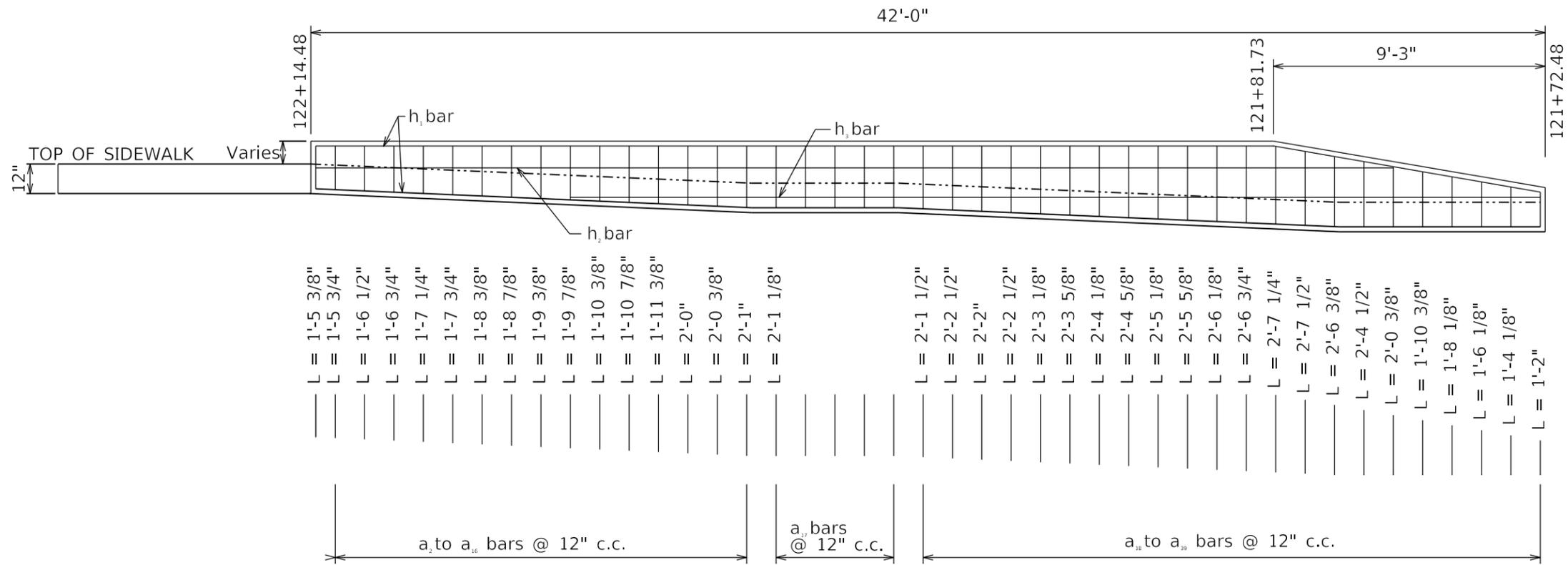
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PLOT SCALE = S\SCALES	DRAWN -	REVISED -
PLOT DATE = S\DATES	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC SIDEWALK, SPECIAL
RETAINING WALL DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	16c
CONTRACT NO. 68E28			ILLINOIS FED. AID PROJECT	

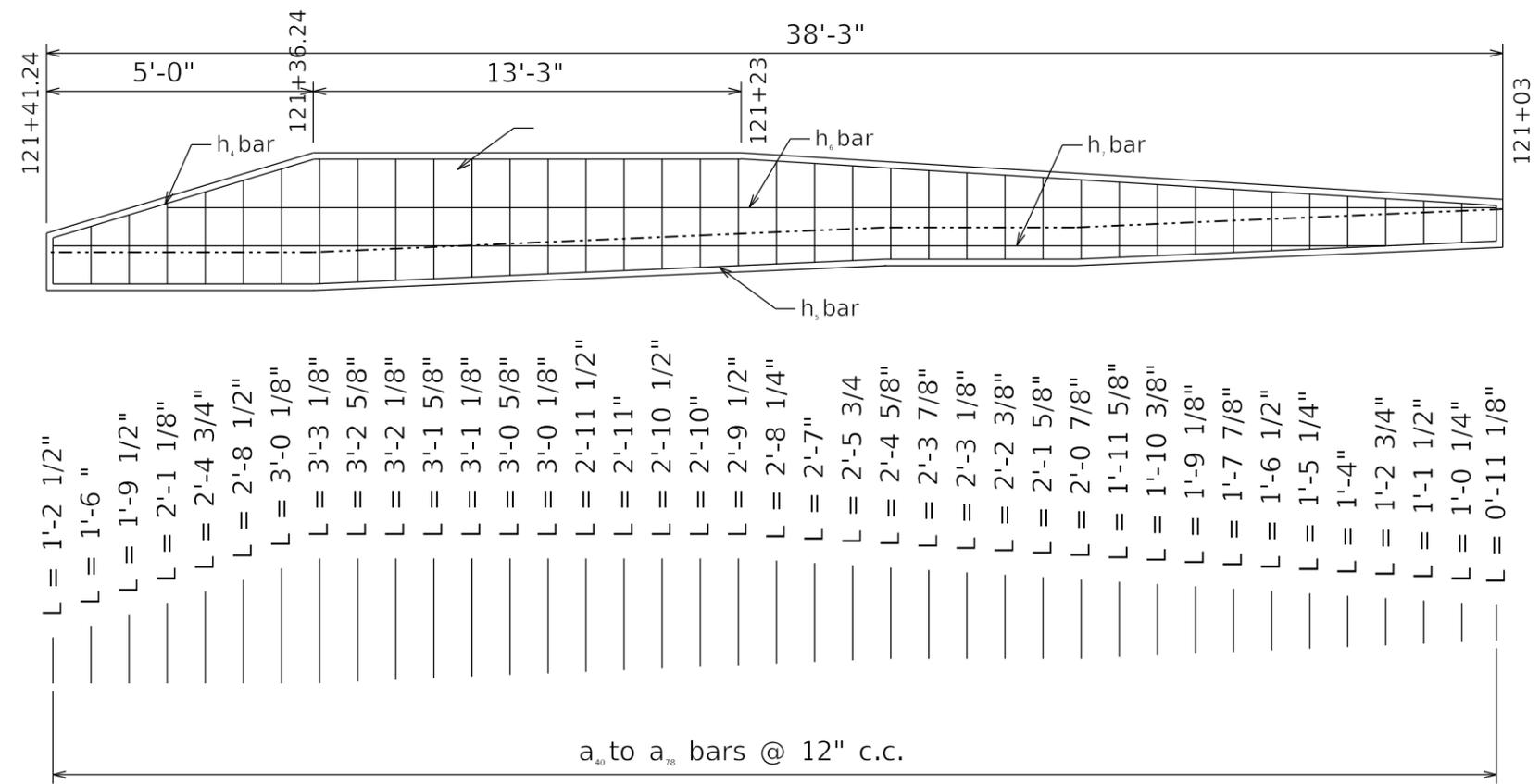


BAR a DETAIL

WALL 1

Bar	No.	Size	Length	Shape
a1 to a16	16	#4	Variable	└┘
a17	5	#4	2'-1 1/8"	└┘
a18 to a39	22	#4	Variable	└┘
h1	2	#4	41'-8"	—
h2	1	#4	36'-8"	—
h3	1	#4	33'-0"	—
Reinforcement Bars			Pound	221
PCC Sidewalk 6", Special			Sq Ft	230.94

WALL 1



WALL 2

Bar	No.	Size	Length	Shape
a40 to a78	39	#4	Variable	└┘
h4	1	#4	38'	—
h5	1	#4	38'	—
h6	1	#4	34'-10 7/8"	—
h7	1	#4	35'-0"	—
Reinforcement Bars			Pound	244
PCC Sidewalk 6", Special			Sq Ft	203.47

WALL 2

FOR INFORMATION ONLY
NOT TO SCALE

MODEL: 140DELENAME
FILE NAME: 07E15

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PLOT SCALE = \$SCALES	DRAWN -	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC SIDEWALK 6", SPECIAL - REBAR

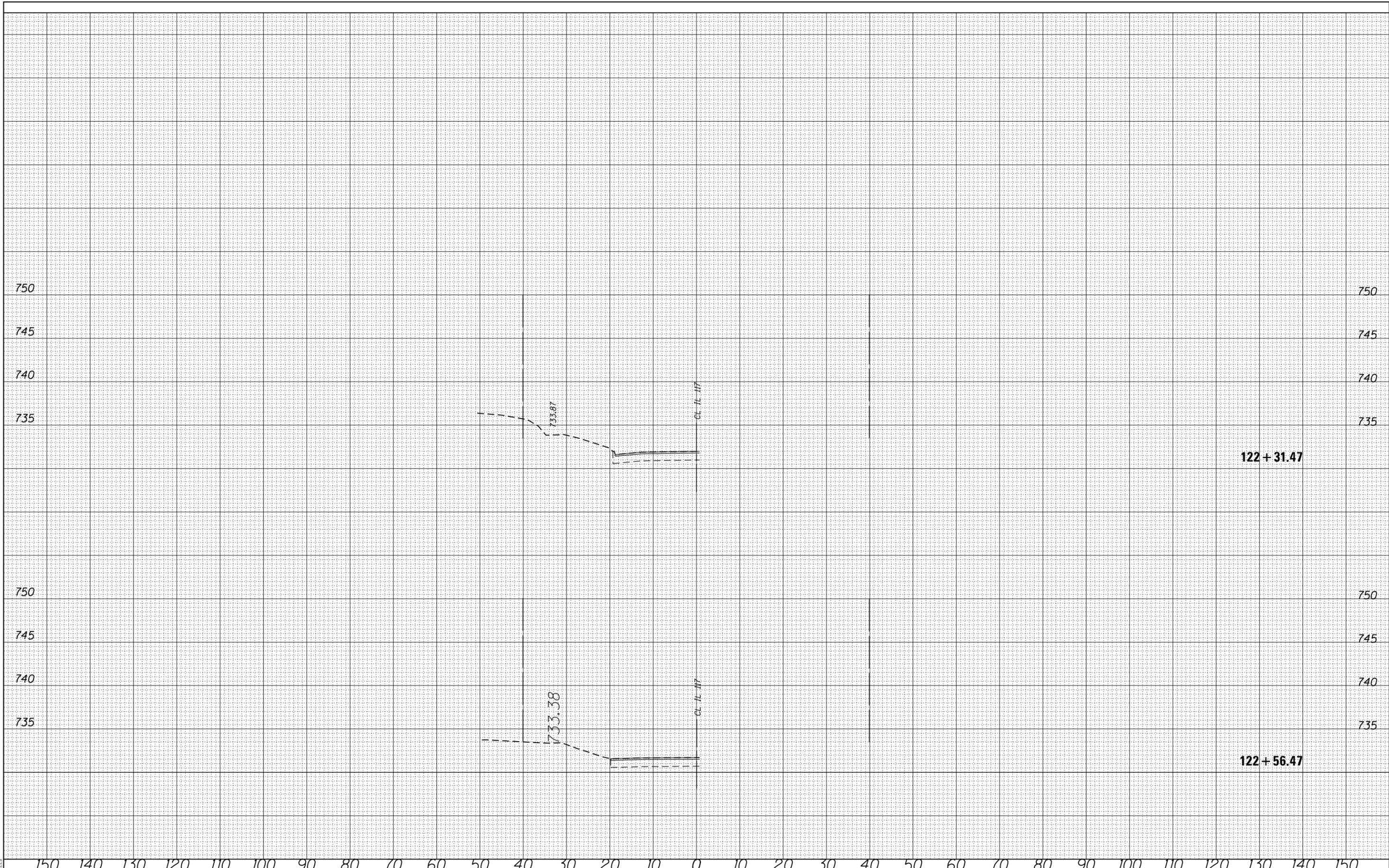
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	16d
CONTRACT NO. 68E28				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: SP0DELNAME5
FILE NAME: SP11L5



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

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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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CROSS SECTION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	16e
CONTRACT NO. 68E28				

122 + 31.47

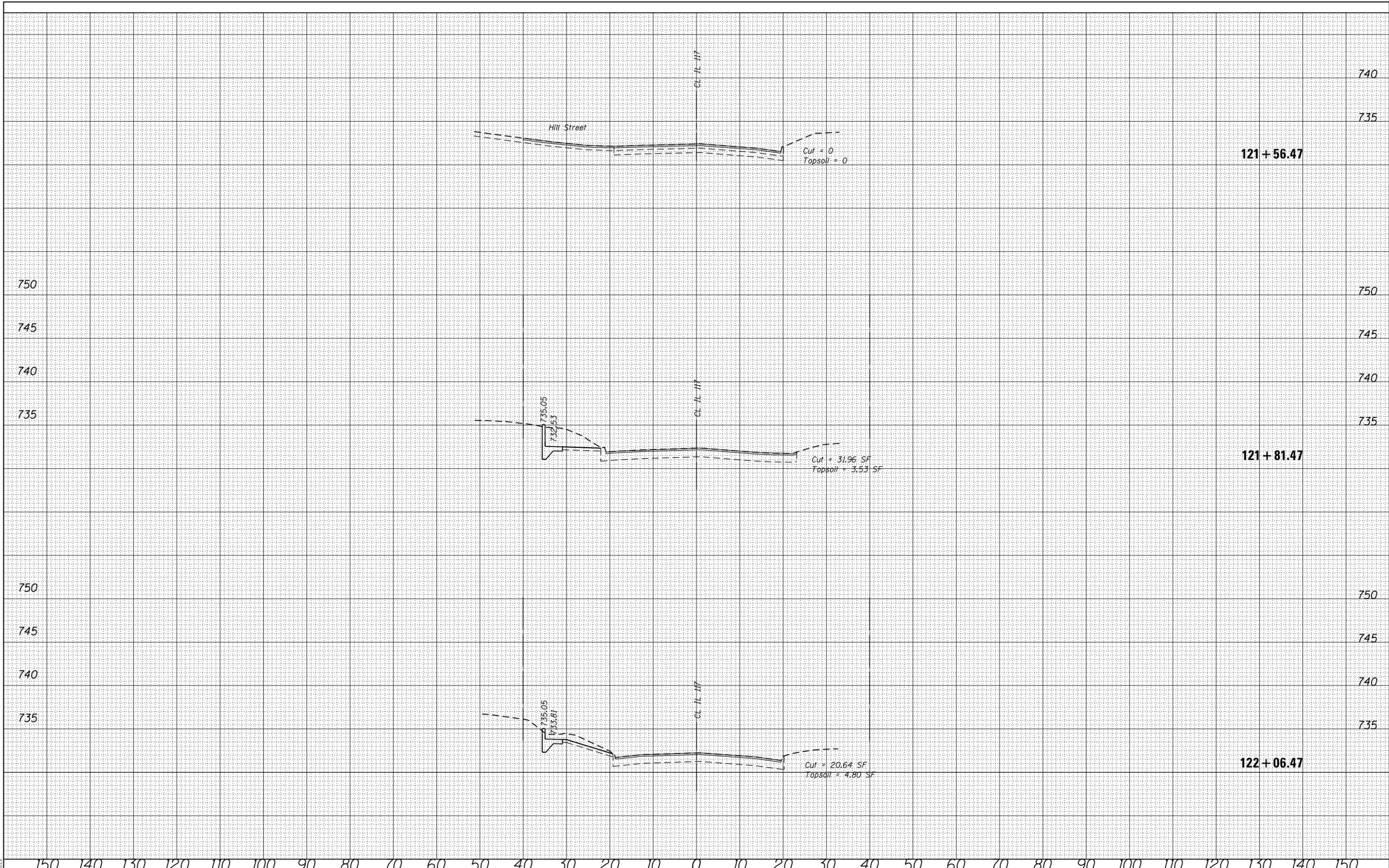
122 + 56.47

ILLINOIS FED. AID PROJECT

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

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

MODEL: SPODELNAME\$
FILE NAME: \$FILE\$



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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	16f
CONTRACT NO. 68E28				

121 + 56.47

121 + 81.47

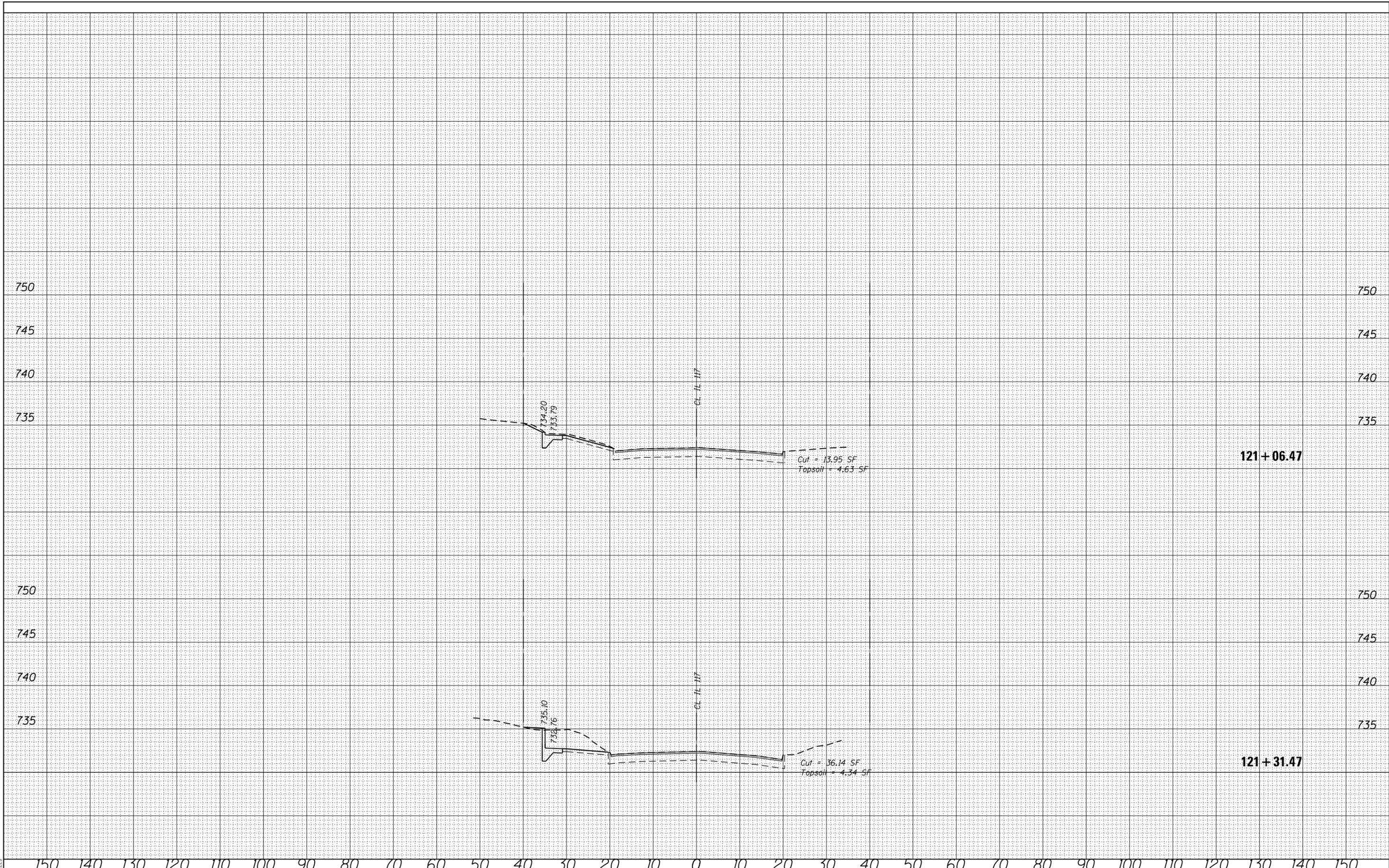
122 + 06.47

ILLINOIS FED. AID PROJECT

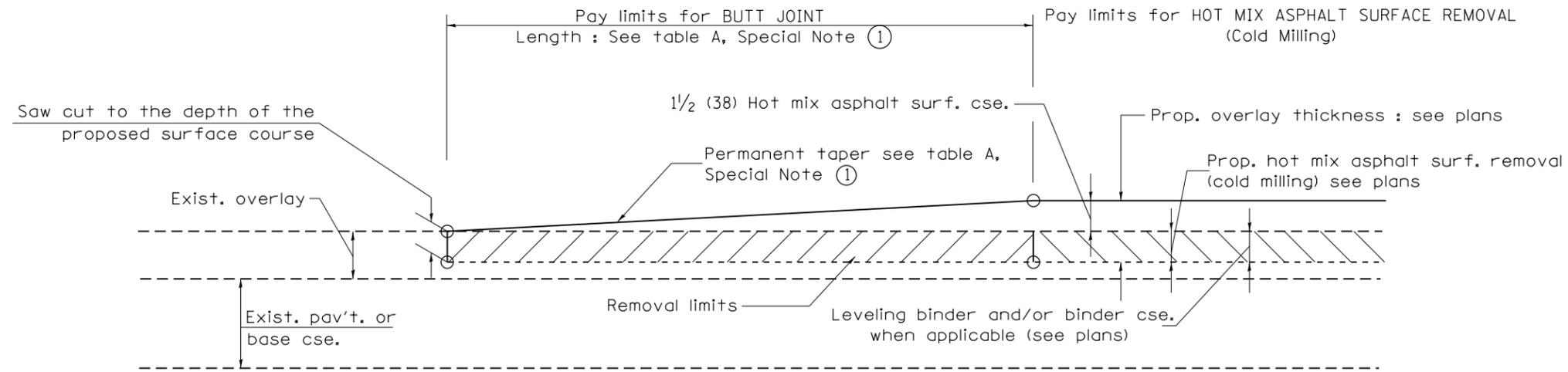
FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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

MODEL: SP0DELNAM65
FILE NAME: SP16L5



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																						
<table border="1"> <tr><td>USER NAME =</td><td>DESIGNED -</td><td>REVISED -</td></tr> <tr><td>DRAWN -</td><td>REVISED -</td><td></td></tr> <tr><td>CHECKED -</td><td>REVISED -</td><td></td></tr> <tr><td>DATE -</td><td>REVISED -</td><td></td></tr> </table>												USER NAME =	DESIGNED -	REVISED -	DRAWN -	REVISED -		CHECKED -	REVISED -		DATE -	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						CROSS SECTION						<table border="1"> <tr><td>F.A.P. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>702</td><td>113RS-2</td><td>WOODFORD</td><td>23</td><td>16g</td></tr> <tr><td colspan="5" style="text-align: center;">CONTRACT NO. 68E28</td></tr> </table>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	702	113RS-2	WOODFORD	23	16g	CONTRACT NO. 68E28				
USER NAME =	DESIGNED -	REVISED -																																																		
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DATE -	REVISED -																																																			
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702	113RS-2	WOODFORD	23	16g																																																
CONTRACT NO. 68E28																																																				
<table border="1"> <tr><td>SCALE:</td><td>SHEET</td><td>OF</td><td>SHEETS</td><td>STA.</td><td>TO</td><td>STA.</td></tr> </table>												SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT																																	
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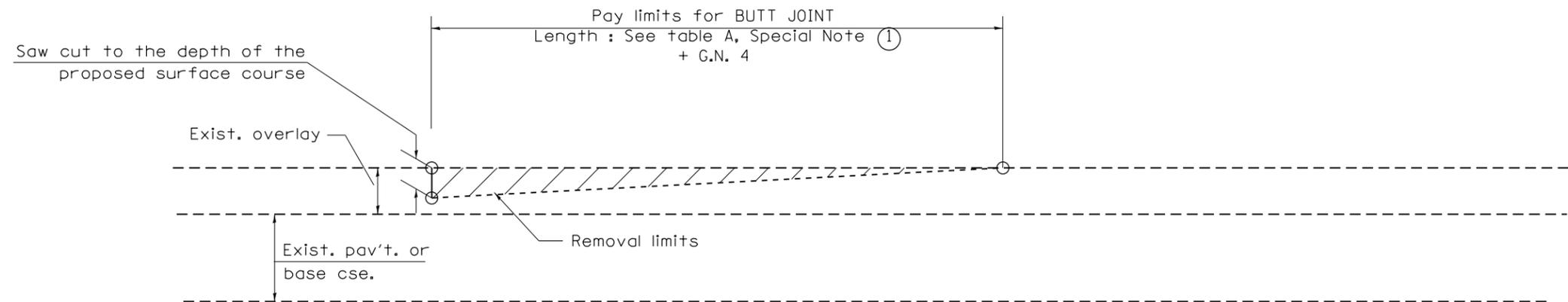
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

GENERAL NOTES

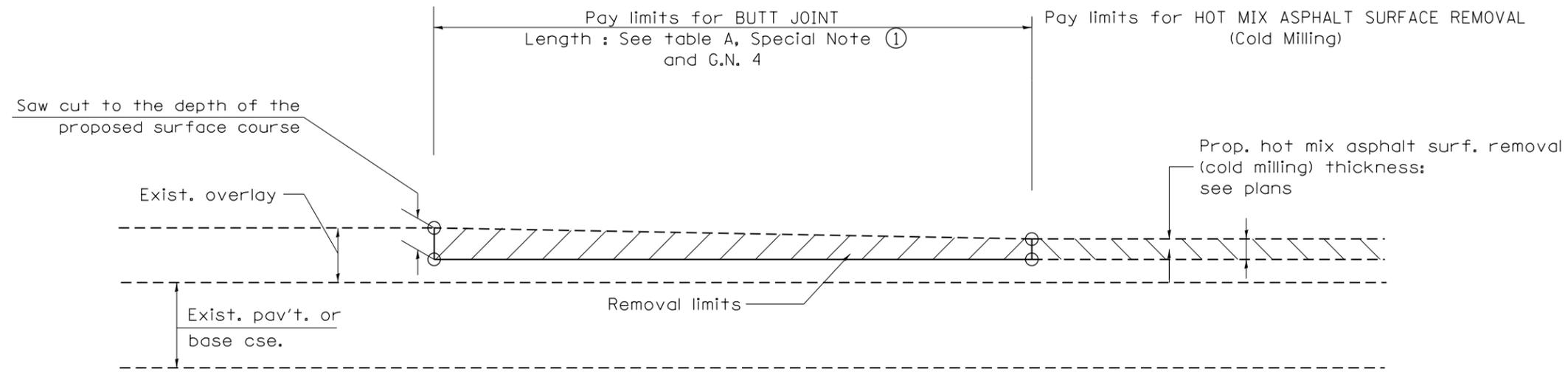
1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw 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.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



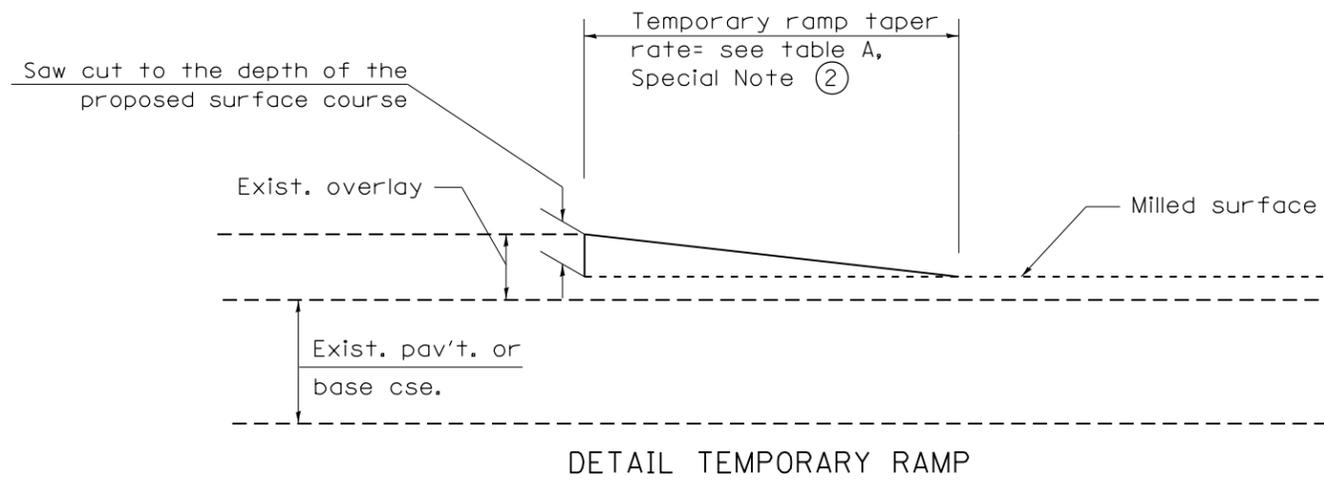
CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.	08-21-13	MAJOR MODIFICATIONS	R.D.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
04-01-97	CORRECTION TO DEPTH	J.A.	02-29-16	MINOR CORRECTIONS	R.D.			702	113RS-2	WOODFORD	23	17	
09-15-05	REVISED DESIGNER NOTE	M.M.A.	04-12-16	MINOR CORRECTIONS	R.D.			CONTRACT NO. 68E28					
10-16-06	REVISED TO 2007 SPEC.	M.A.	02-14-17	ADDED NOTE 5	R.D.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

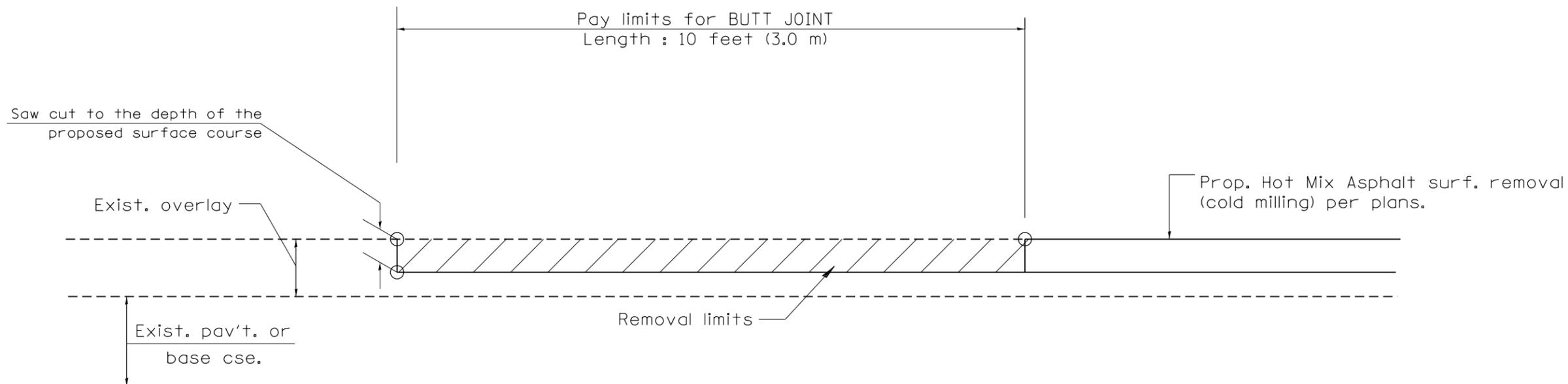


CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



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

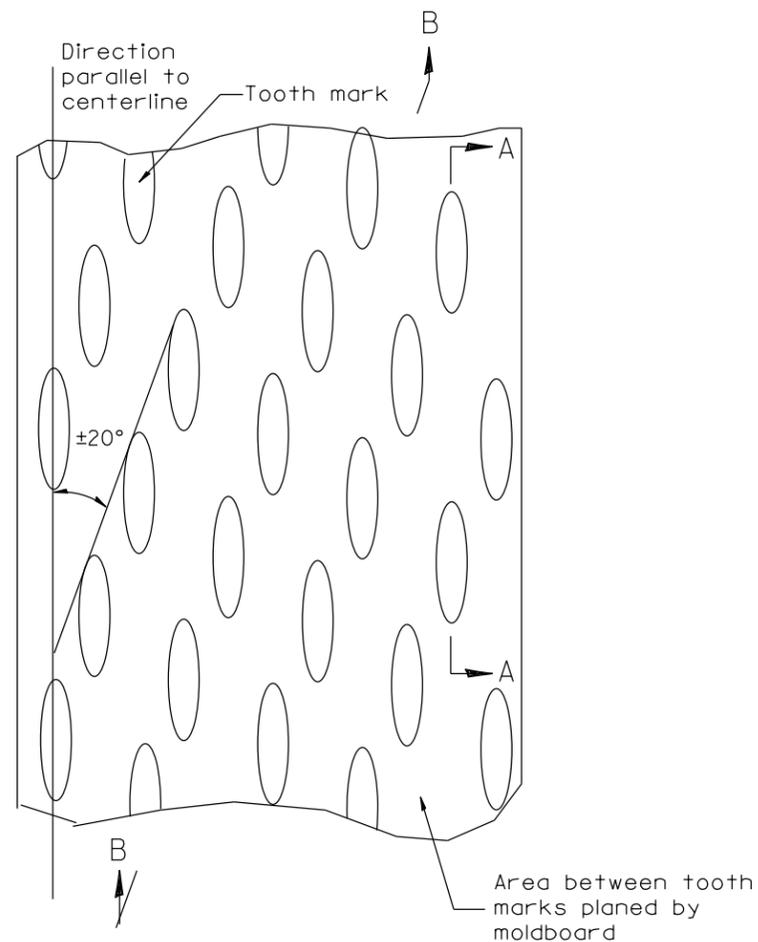
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
				NOT TO SCALE				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
702	113RS-2	WOODFORD	23	18					
				CONTRACT NO. 68E28					



CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

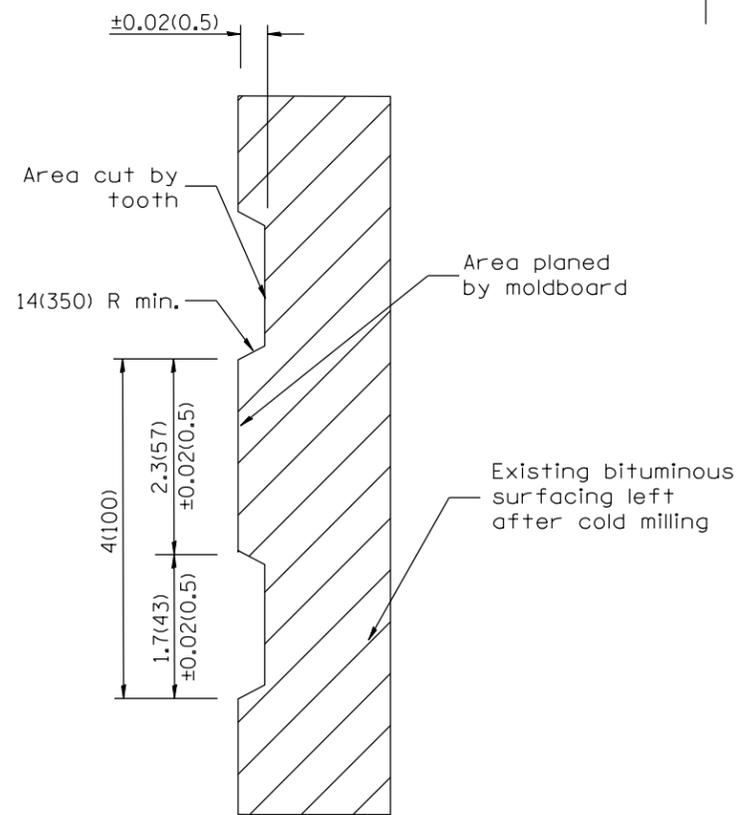
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 3 OF 3 CADD STD. 406101-D4		<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>702</td> <td>113RS-2</td> <td>WOODFORD</td> <td>23</td> <td>19</td> </tr> <tr> <td colspan="3"></td> <td colspan="2" style="text-align: center;">CONTRACT NO. 68E28</td> </tr> </table>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	702	113RS-2	WOODFORD	23	19				CONTRACT NO. 68E28	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																						
702	113RS-2	WOODFORD	23	19																						
			CONTRACT NO. 68E28																							
						NOT TO SCALE				<table border="1"> <tr> <td>FED. ROAD DIST. NO.</td> <td>ILLINOIS FED. AID PROJECT</td> </tr> </table>		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT													
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT																									



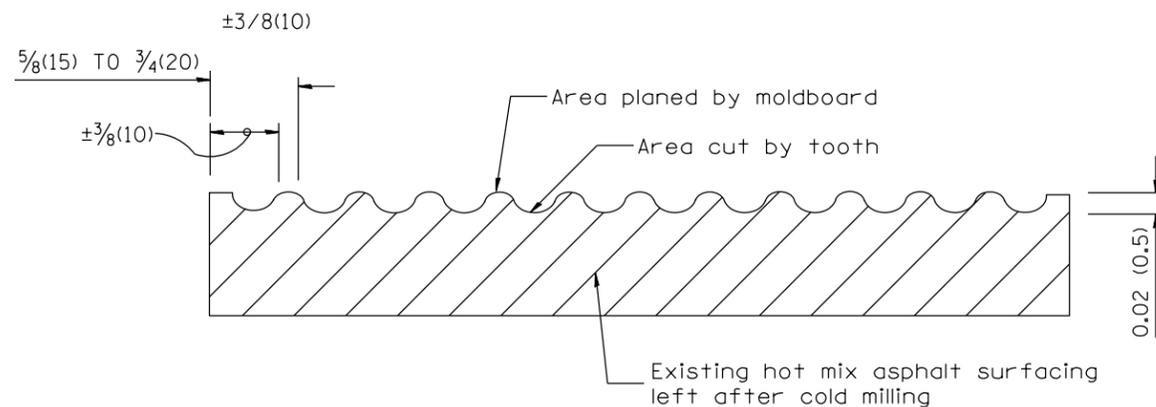
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

DESIGNER NOTES:
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

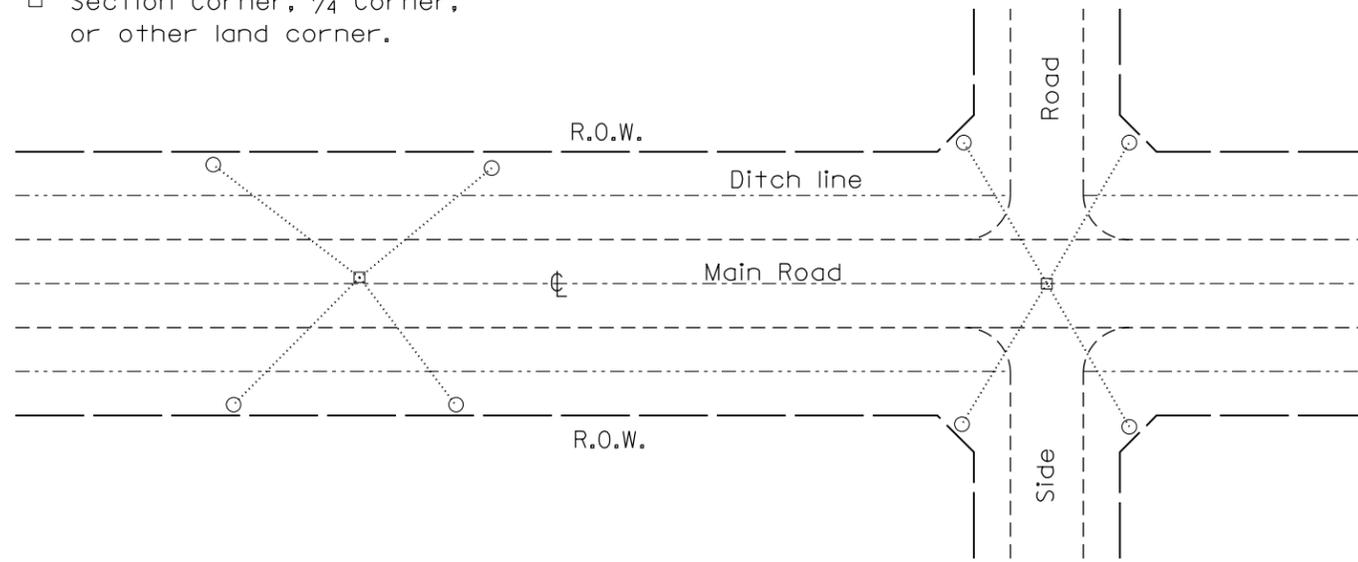
NOT TO SCALE

CADD STD. 440001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E28	

PERMANENT SURVEY TIES

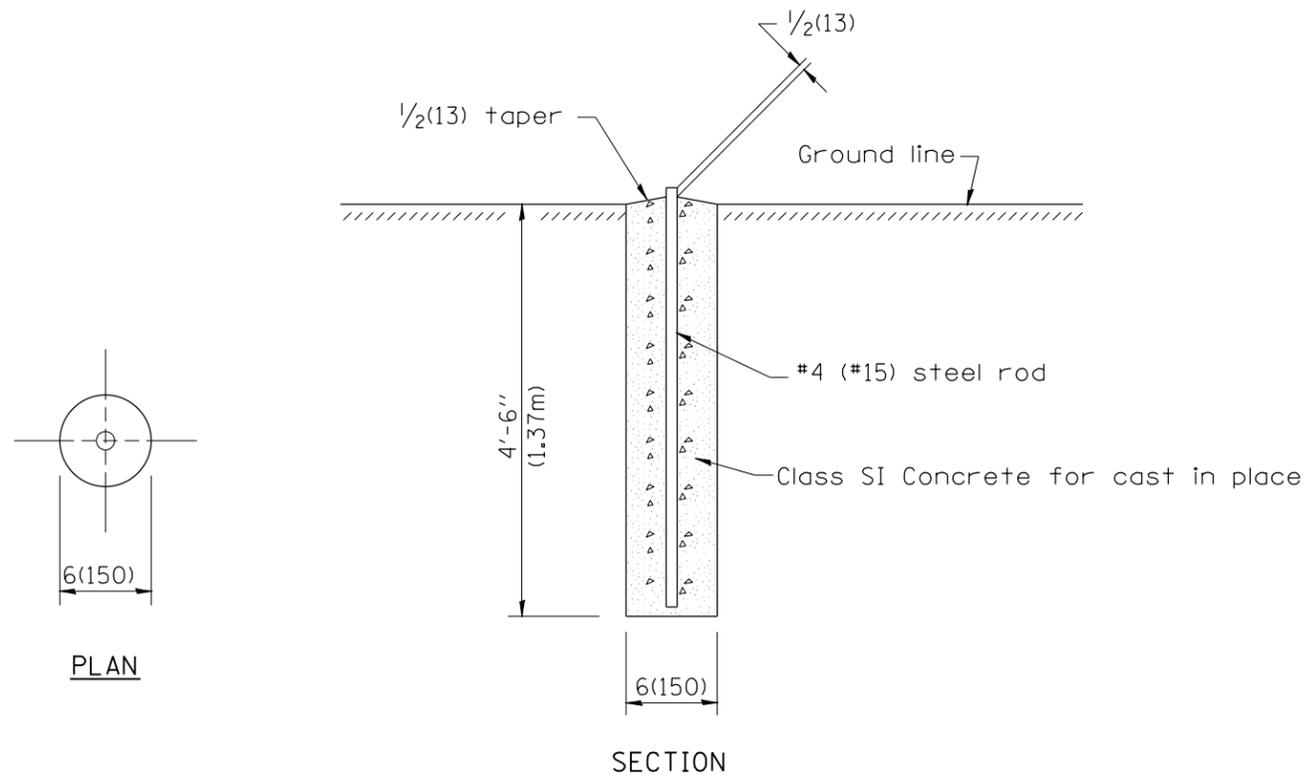
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



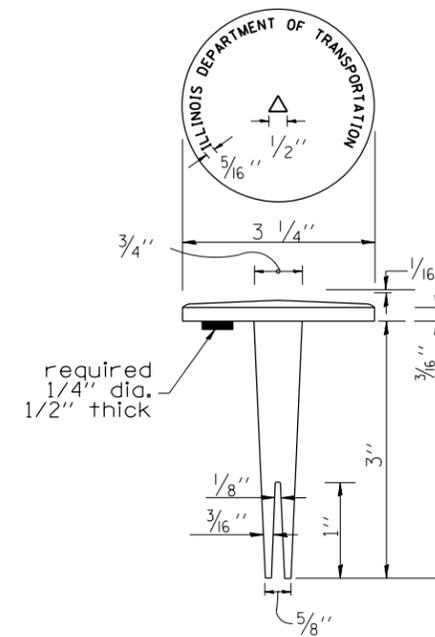
TYPICAL APPLICATION

GENERAL NOTES

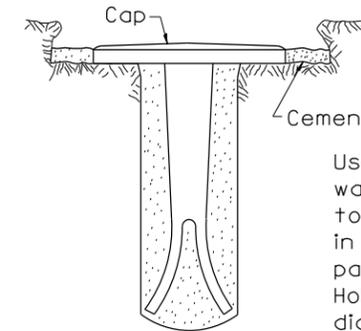
1. The marker shall be cast in place of Class SI Concrete.
2. Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
3. The tie distances to the section corner shall be measured and recorded by the surveyor setting the PSM. All ties shall be turned over to the IDOT Chief of Surveys or Chief of Plats for recordation.
4. All documentation shall be performed by a PLS



PERMANENT SURVEY MARKERS



BRASS TABLET

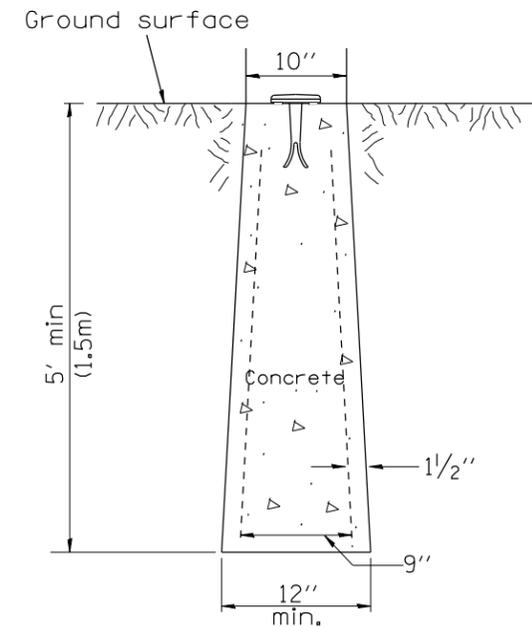


Tablet constructed in rock ledge or concrete.

TYPE I

GENERAL NOTES

1. All type II markers shall be cast in place, and precast markers will not be allowed.
2. Two permanent magnets, each having a diameter of 3/4 (19) and a thickness of 1/4 (6), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
3. The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s, P.C.'s, and P.I.'s located within the R.O.W. of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 1000' (300m).
4. The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
5. The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.



**TYPE II
CAST-IN-PLACE MARKER**

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

01-01-97	RENUM. D-3.01, NEW REVISION BOX, REVISED	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
	TITLE BOX, ADD DESIGNER NOTE		01-04-11	REVISED FOR CORRECTIONS	R.D.
07-07-98	ADD DESIGNER NOTE	J.A.	08-21-13	CHANGED MIN. DIAMETER	R.D.
05-24-06	REMOVED GEN. NOTE UNDER TIES	M.A.	08-25-15	REVISED MATERIAL	R.D.

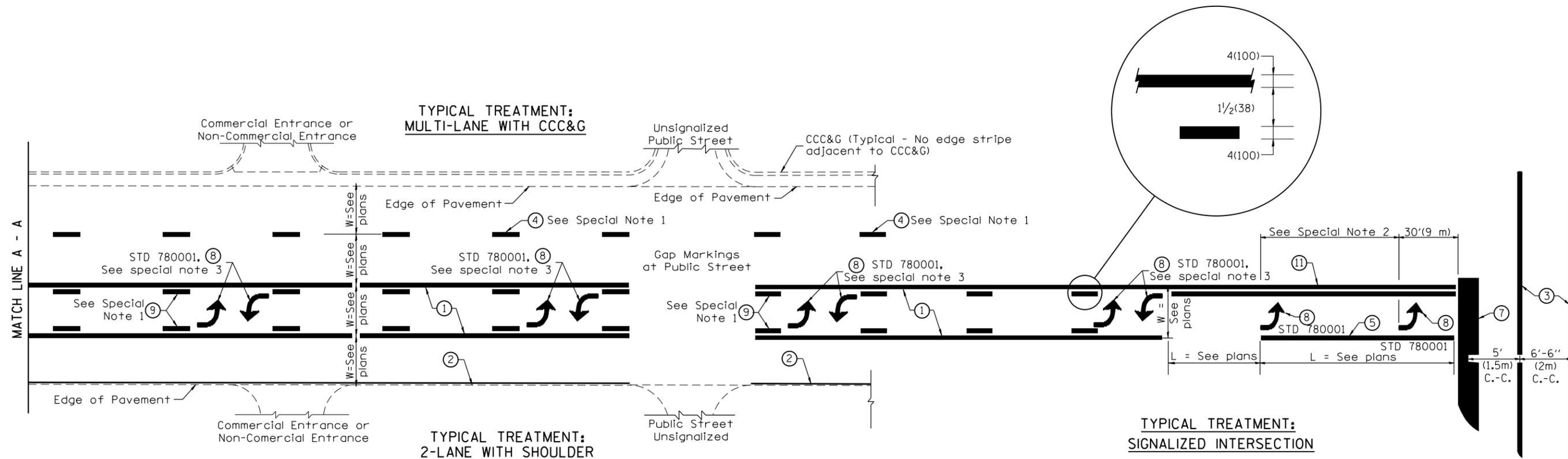
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

**PERMANENT SURVEY TIE &
PERMANENT SURVEY MARKERS TY.I - TY.II**

CADD STD. 667101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	21
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E28	



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) ⑩
- ⑪ 4(100) Double Solid (Yellow) ⑪

SPECIAL NOTES

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

GENERAL NOTES

- Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
- See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
- Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
- Areas are grooved 1" beyond each edge for the following symbols:
Through Arrow= 14.8 sq. ft.
Large Left or Right Arrow= 21.9 sq. ft.
2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
Wrong Way Arrow= 29.5 sq. ft.
Railroad Crossing Symbol= 69.8 sq. ft.
(For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

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.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.			
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 780001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	113RS-2	WOODFORD	23	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E28	

