

INDEX OF SHEETS: 08-01-14 LETTING ITEM 078

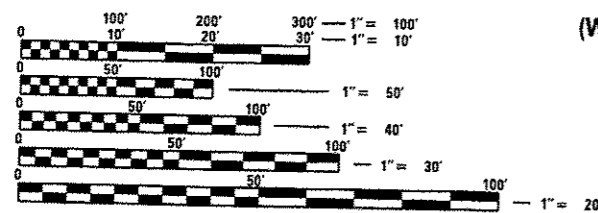
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HIGHWAY STANDARDS:

- 442201-03
- 701311-03
- 701306-03
- 701336-06
- 701901-03
- 780001-04

DESIGN DESIGNATION

MAJOR COLLECTOR (NON-URBAN)
 CLASS 2 TRUCK ROUTE
 2013 AADT 750
 MU = 4.0%
 SU = 2.5%



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: RICH DOTSON (309) 671-3455
 PROJECT MANAGER: RON NOLTE (309) 671-3470

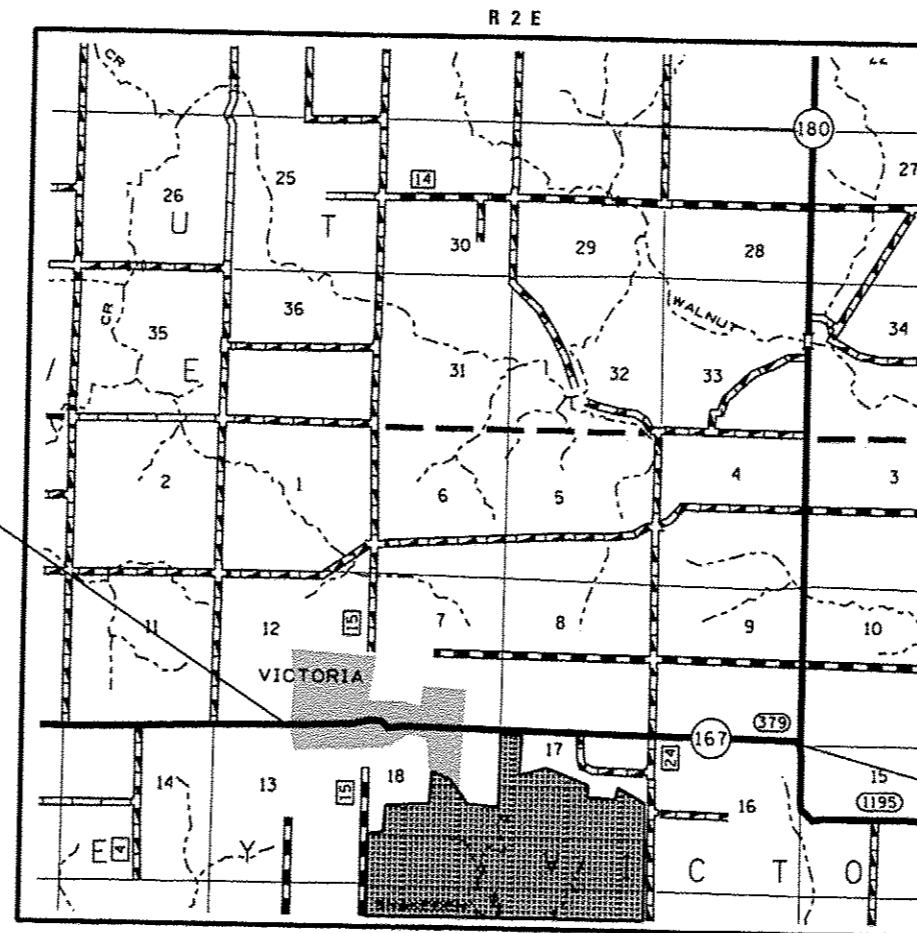
CONTRACT NO. 68B98

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

FAS ROUTE 379 (IL 167)
 SECTION (101, 111)RS-3
 MISC. ROADWAY
 KNOX COUNTY

C-94-097-14



PROJECT BEGINS
 STA. 460 + 86.82
 (WEST END OF VICTORIA)

DESCRIPTION:
 FULL DEPTH PATCHING AND INTERMITTENT HMA OVERLAY
 ALONG IL 167 FROM STA. 460 + 86.82 (WEST VILLAGE LIMITS)
 TO STA. 641 + 50 (INTERSECTION OF IL 180).

PROJECT ENDS
 STA. 641 + 50
 (INTERSECTION OF IL 180)

GROSS LENGTH = 18010 FT. = 3.411 MILE
 NET LENGTH = 18010 FT. = 3.411 MILE

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101, 111)RS-3	KNOX	33	1
		ILLINOIS	CONTRACT NO. 68B98	

D-94-040-14



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED May 16 20 14
Kenneth A. Oppenell
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 27 20 14
John D. Baranzelli PE, Jr.
 acting ENGINEER OF DESIGN AND ENVIRONMENT

June 27 20 14
Omer Osman PE, Jr.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS

107.00 COMMITMENTS

No Commitments

202.08 EARTH EXCAVATION – INCIDENTAL TO CURB, GUTTER, & DRIVEWAY

Earth excavation and backfill for proposed curb and gutter and driveway pavements shall be included in the unit cost of the various items.

406.05 POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) RATES

Surface Type	Estimated Truck Application Rate	Residual Rate
Milled (HMA or PCC)	0.10 gal/sy (0.0004 ton/sy)	0.05 gal/sy
Existing Pavement	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy
Fog Coat (between lifts)	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy

Note: Estimated truck application rate is used for estimating quantities.

406.10 MIX DESIGN REQUIREMENTS

MIXTURE USE(S)	INTERMITTENT RESURFACING	FULL DEPTH PATCHING
ACPG:	64-22	64-22
RAP% (MAX):**	15%	25%
DESIGN AIR VOIDS:	4.0% @ N=50	4.0% @ N=50
MIXTURE COMPOSITION:	IL 9.5 ONLY	IL 9.5 OR 12.5
FRICTION AGGREGATE:	MIX D (DOLOMITE ONLY)	N/A

NOTE: 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.

406.19 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.

204.00 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.

542.00 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.

780.00 NO PASSING ZONE VERIFICATION

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

DISC 3 YW

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE
				100% STATE FAS 379 KNOX RURAL 0005
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	2	2
60107700	PIPE UNDERDRAINS 6"	FOOT	28	28
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	20	20
60500060	REMOVING INLETS	EACH	2	2
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	8	8
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2424	2424
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	269	269
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	39893	39893
Z0055500	RUMBLE STRIP	SQ FT	300	300

*

* SPECIALTY ITEMS

FILE NAME : 0468898-typroals.dgn	USER NAME : aubreyge	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE : 100.0000' / in	DRAWN -	REVISED -			379	(101, 111)RS-3	KNOX	33	4	
	PLOT DATE : 5/16/2014	CHECKED -	REVISED -			CONTRACT NO. 68898					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

APPROX. LOCATION	CLASS D PATCHES			
	TYPE III, 13"		TYPE IV, 13"	
	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.
STA. 465+00 IN OVERLAY SECTION	16	16		
BETWEEN WASHINGTON ST. TO UNION ST.	15	15		
	15			
	15	15		
BETWEEN MAPLE ST. TO LYNN ST.	15	15		
STA. 510+00 IN OVERLAY SECTION		15		
STA. 513+00			30	
STA. 514+67			50	50
STA. 538+00				27
STA. 542+00		22	33	
STA. 569+00			60	60
STA. 604+50			26	26
STA. 605+50	16	16		
STA. 609+00			32	
STA. 611+50 TO 611+83			37	37
STA. 612+58 TO 613+13			60	60
STA. 614+00 TO 615+00		22		
STA. 618+00			53	
STA. 626+50 TO 627+32*			120	120
SUB-TOTAL	92	137	501	380
GRAND TOTAL	229		881	

* SEE UNDERDRAINS, GUTTER OUTLETS AND RELATED ITEMS SCHEDULE

PAINT PAVEMENT MARKINGS				
APPROX. LOCATION		4" LINE		
		YELLOW NO PASSING	YELLOW SKIP-DASH	WHITE EDGE LINE
		FOOT	FOOT	FOOT
461+40 TO 488+00	CL		665	
461+40 TO 488+61.57	LT			2719.7
462+93.77 TO 473+66.54	RT			1072.78
474+46.54 TO 477+53.86	RT			300.85
507+08.43 TO 536+58.59	RT			2950.17
507+13.51 TO 510+43.79	LT			330.27
511+03.82 TO 588+73.69	LT			7769.87
518+00 TO 553+76.31	CL		894.1	
537+44.54 TO 563+04.09	RT			2559.55
543+53.84 TO 555+77.39	EB	1223.6		
553+76.31 TO 565+84.71	WB	1208.4		
555+77.39 TO 578+00	CL		555.7	
563+85.33 TO 589+19.85	RT			2534.32
578+00 TO 589+39.95	CL		285	
580+08.67 TO 590+58.43	EB	1049.8		
589+39.95 TO 598+92.88	WB	952.9		
590+40.43 TO 641+50	LT			5109.57
590+58.43 TO 608+00	CL		435.4	
590+92.56 TO 641+50	RT			5057.44
608+00 TO 641+50	CL		837.5	
627+69.02 TO 641+50	EB	1380.98		
SUB-TOTAL		5816	3673	30405
GRAND TOTAL			39893	

NOTE: FINAL LIMITS TO BE DETERMINED BY THE RESIDENT ENGINEER

UNDERDRAINS, GUTTER OUTLETS AND RELATED ITEMS				
PAY ITEM DESCRIPTION	UNIT	STA. 626+50 TO STA. 627+32	STA. 611+00	TOTAL QUANTITY
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU. YD.	80		80
REMOVING INLETS	EACH	2		2
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ. YD.	265		265
SUB-BASE GRANULAR MATERIAL, TYPE B, 12"	SQ. YD.	240		240
PIPE UNDERDRAINS 6"	FOOT	28		28
PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	20		20
CONCRETE HEADWALL FOR PIPE DRAINS	EACH	2		2
STONE RIPRAP, CLASS B3	SQ. YD.	54	54	108
FILTER FABRIC (FOR USE WITH RIPRAP)	SQ. YD.	54	54	108

SHORT TERM PAVEMENT MARKING				WORK ZONE PAVEMENT MARKING REMOVAL
LOCATION- ONLY THE AREAS BEING RESURFACED	LOCATION	YELLOW SKIP-DASH	WHITE EDGE LINE	
		FOOT	FOOT	
STA. 461+00 (EXISTING BUTT JOINT) TO 475+50	1450	145	116	87
STA. 507+05 (LYNN ST.) TO STA. 511+25 (NELSON ST.) EXISTING V-GUTTER ON SOUTH SIDE	420	42		14
STA. 542+80 TO 568+15 (LIMITS OF EX. V-GUTTER)	2535	253.5		84
STA. 571+00 TO 576+00	500	50		17
STA. 581+00 TO 589+00	800	80		27
STA. 598+85 TO 602+50 (WITHIN V-GUTTER SECTION)	365	36.5		12
STA. 620+00 TO 622+00	200	20		7
STA. 627+00 TO 633+50 (V-GUTTER SECTION)	650	65		22
SUB-TOTAL		692	116	
3 APPLICATIONS		2076	348	
GRAND TOTAL		2424		269

FILE NAME = D468898-typicals.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -
	PLOT DATE = 5/16/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE. 379	SECTION (101, 111)RS-3	COUNTY KNOX	TOTAL SHEETS 33	SHEET NO. 5
ILLINOIS FED. AID PROJECT				CONTRACT NO. 68B98

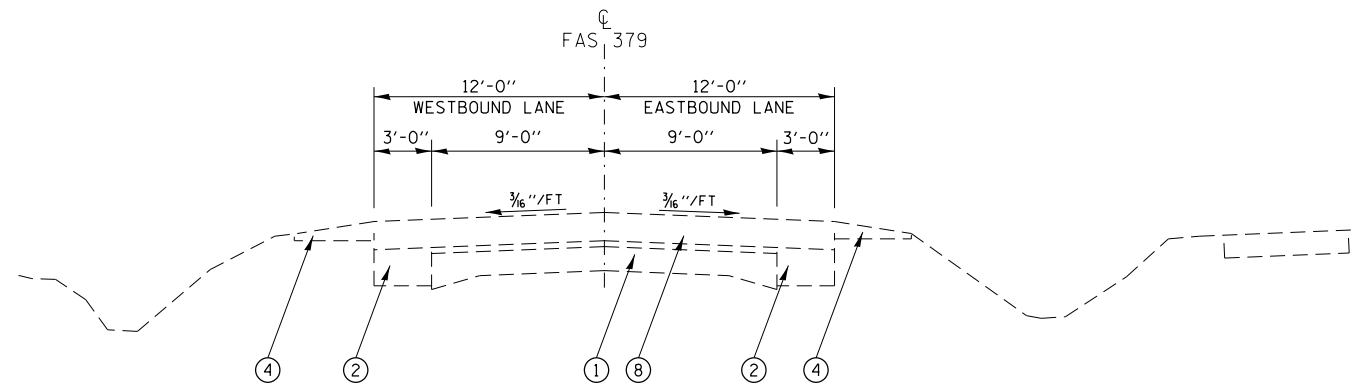
LOCATION	HMA SURFACE REMOVAL- BUTT JOINT (40' UNLESS OTHERWISE NOTED)- BOTH ENDS	HMA SURFACE REMOVAL, 1 1/2"	HMA SURFACE REMOVAL, 1 3/4"	POLY. BITUMINOUS MATERIALS (PRIME COAT)	HMA SURFACE COURSE, MIX "D", N50		RUMBLE STRIP	AGGREGATE SHOULDERS, TYPE B	
					1 1/2"	2"		RIGHT SIDE	LEFT SIDE
					SQ. YD.	SQ. YD.		TON	TON
STA. 461+00 (EXISTING BUTT JOINT) TO 475+50	58 (10' LONG)	3867		0.8	294.8				
STA. 507+05 (LYNN ST.) TO STA. 511+25 (NELSON ST.) EXISTING V-GUTTER ON SOUTH SIDE			927	0.2		103.8			12
STA. 542+80 TO 568+15 (LIMITS OF EX. V-GUTTER)			5362	1.2		600.5			
STA. 571+00 TO 576+00	169			0.2		122.1		14.3	14.3
STA. 581+00 TO 589+00	169			0.4		204.6		22.8	22.8
STA. 598+85 TO 602+50 (WITHIN V-GUTTER SECTION)			790	0.2		88.5			
STA. 620+00 TO 622+00	169			0.1		49.4		2.9	2.9
STA. 627+00 TO 633+50 (V-GUTTER SECTION)			1403	0.3		157.2	300		
ADDITIONAL SURFACE FOR SLOPE CORRECTION						100.0			
TOTAL	565	3867	8482	3	1721.0	300	300	92	

NOTE: FINAL LIMITS TO BE DETERMINED BY THE RESIDENT ENGINEER

LOCATION	GUTTER REMOVAL		CLASS SI CONCRETE (OUTLET)	
	RT. SIDE	LEFT SIDE	RT. SIDE	LEFT SIDE
	FOOT	FOOT	CU. YD.	CU. YD.
STA. 611+00	75	75	1.9	1.9
STA. 627+50	65	65	1.9	1.9
TOTAL	280	280	8	8

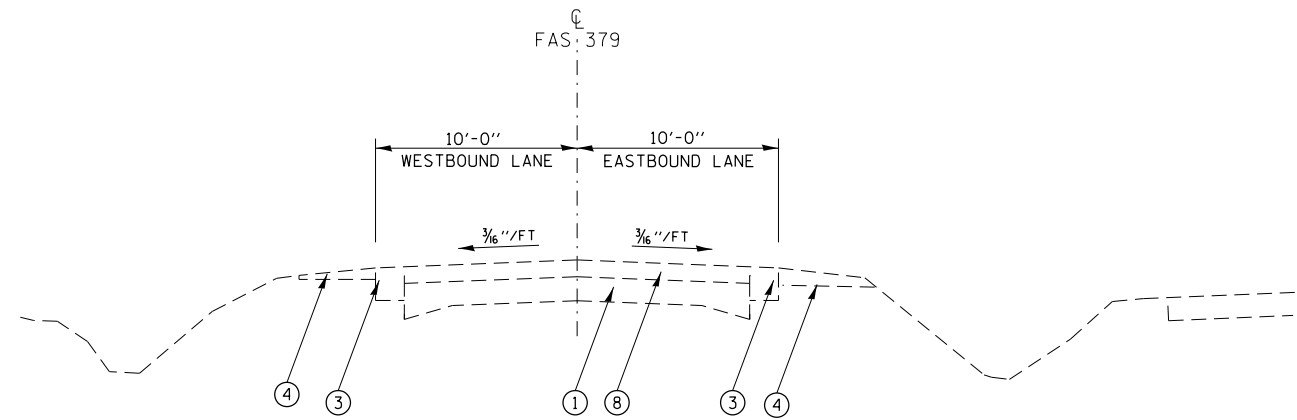
MOBILIZATION	
LOCATION	L. SUM
JOBSITE	1

TRAFFIC CONTROL AND PROTECTION		
LOCATION	STANDARD 701306	STANDARD 701336
	L. SUM	L. SUM
JOBSITE	1	1
TOTAL	1	1



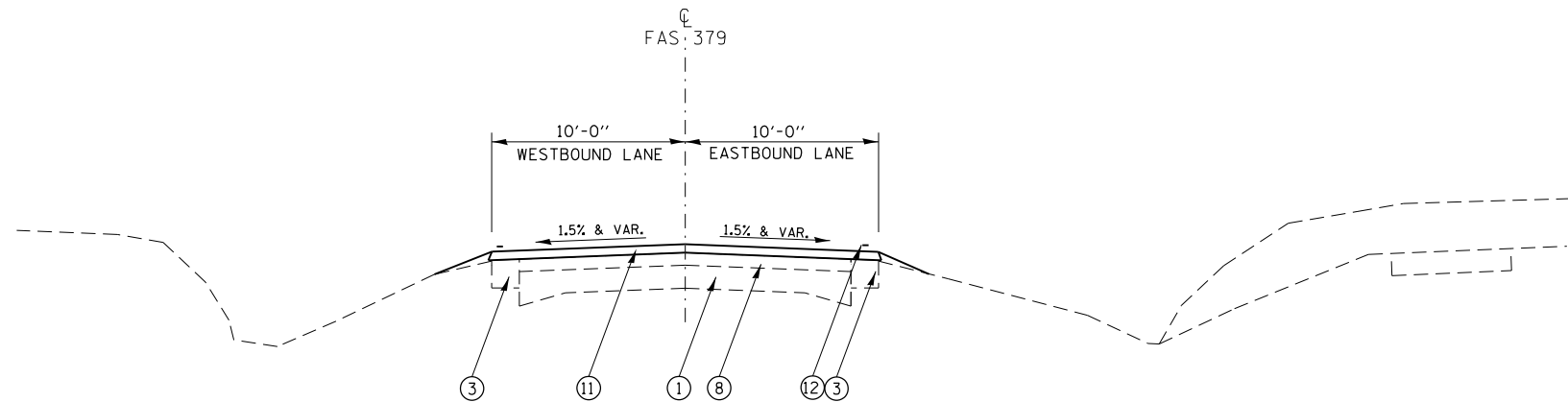
① EXISTING TYPICAL SECTION

FAS 379 (IL 167)
STA. 461+40.00 TO STA. 470+71



② EXISTING TYPICAL SECTION

FAS 379 (IL 167)
STA. 470+71 TO STA. 471+31



③ PROPOSED TYPICAL SECTION

FAS 379 (IL 167)
LT. STA. 471+31 TO LT. STA. 477+42 RT. STA. 471+31 TO RT. STA. 477+92
STA. 514+38 TO STA. 542+80
STA. 568+15 TO STA. 599+35
STA. 611+60 TO STA. 626+75
STA. 635+60 TO STA. 641+50

LEGEND

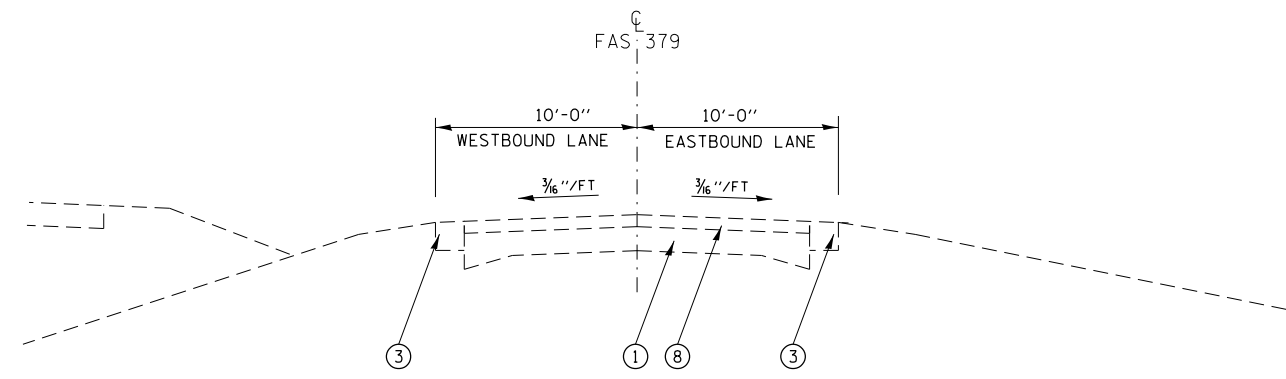
EXISTING

- ① 9"-6"-9" PCC PAVEMENT
- ② BASE COURSE WIDENING
- ③ 6" HMA SHOULDERS
- ④ AGGREGATE SHOULDERS
- ⑤ CONCRETE GUTTER
- ⑥ CONCRETE CURB & GUTTER
- ⑦ AGGREGATE BASE
- ⑧ HMA OVERLAY

PROPOSED

- ⑩ HMA SURFACE REMOVAL, 1-3/4"
- ⑪ HMA SURFACE COURSE, MIX "D", N50 2"
- ⑫ PAVEMENT MARKING

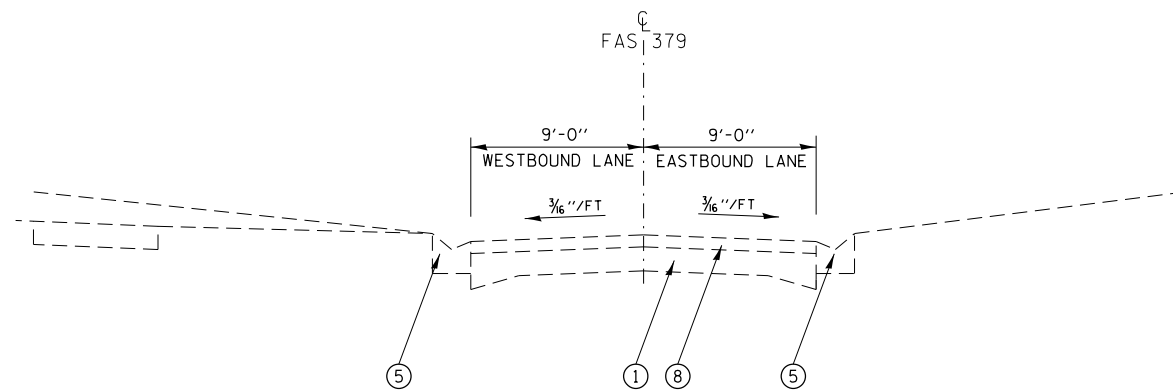
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Default	PLOT DATE = 5/16/2014	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 68B98
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT



④ EXISTING TYPICAL SECTION

FAS 379 (IL 167)

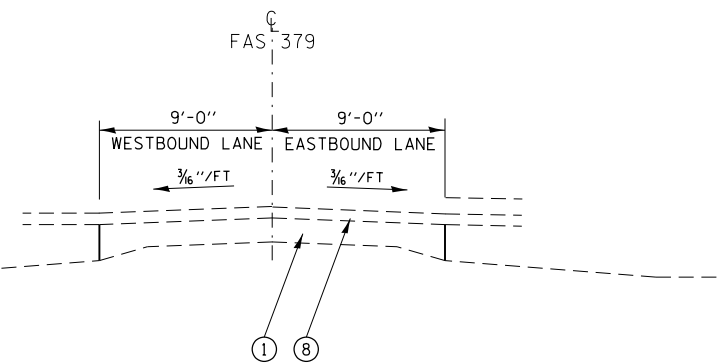
LT. STA. 477+42 TO LT. STA. 486+20 RT. STA. 477+92 TO RT. STA. 486+20



⑤ EXISTING TYPICAL SECTION

FAS 379 (IL 167)

LT. STA. 486+20 TO LT. STA. 488+60 RT. STA. 486+20 TO RT. STA. 488+50



⑥ EXISTING TYPICAL SECTION

FAS 379 (IL 167)

LT. STA. 488+60 TO LT. STA. 489+12 RT. STA. 488+50 TO RT. STA. 489+00
 LT. STA. 493+70 TO LT. STA. 494+21 RT. STA. 493+85 TO RT. STA. 494+38
 LT. STA. 497+10 TO LT. STA. 497+55 RT. STA. 496+55 TO RT. STA. 497+80

LEGEND

EXISTING

- ① 9"-6"-9" PCC PAVEMENT
- ② BASE COURSE WIDENING
- ③ 6" HMA SHOULDERS
- ④ AGGREGATE SHOULDERS
- ⑤ CONCRETE GUTTER
- ⑥ CONCRETE CURB & GUTTER
- ⑦ AGGREGATE BASE
- ⑧ HMA OVERLAY

PROPOSED

- ⑩ HMA SURFACE REMOVAL, 1-3/4"
- ⑪ HMA SURFACE COURSE, MIX "D", N50 2"
- ⑫ PAVEMENT MARKING

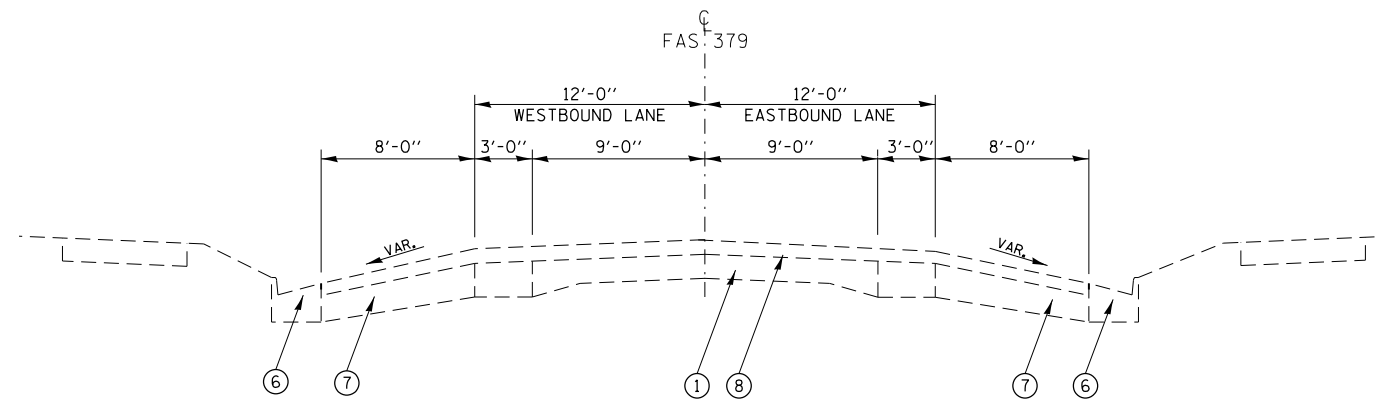
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	PLOT DATE = 5/16/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

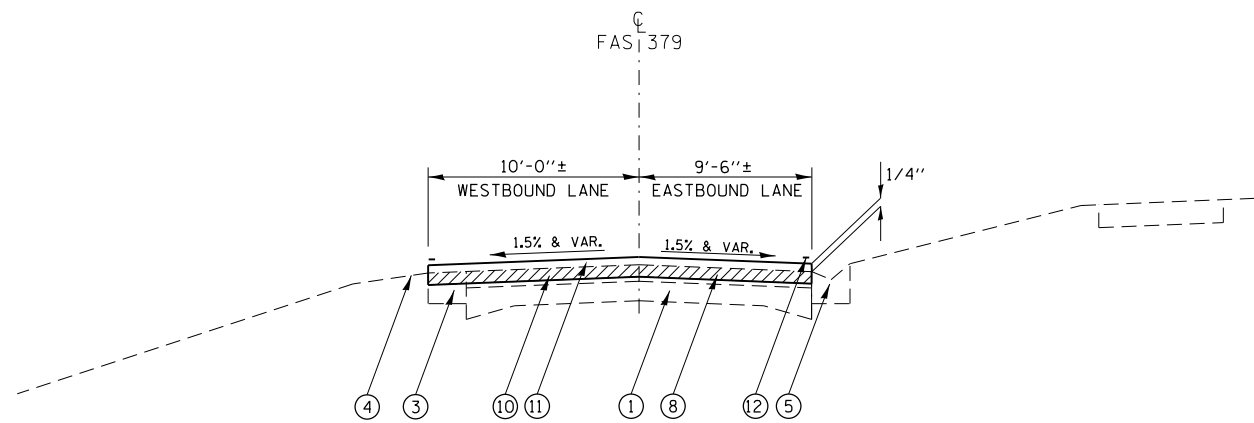
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	8
CONTRACT NO. 68B98			ILLINOIS FED. AID PROJECT	



⑦ EXISTING TYPICAL SECTION

FAS 379 (IL 167)

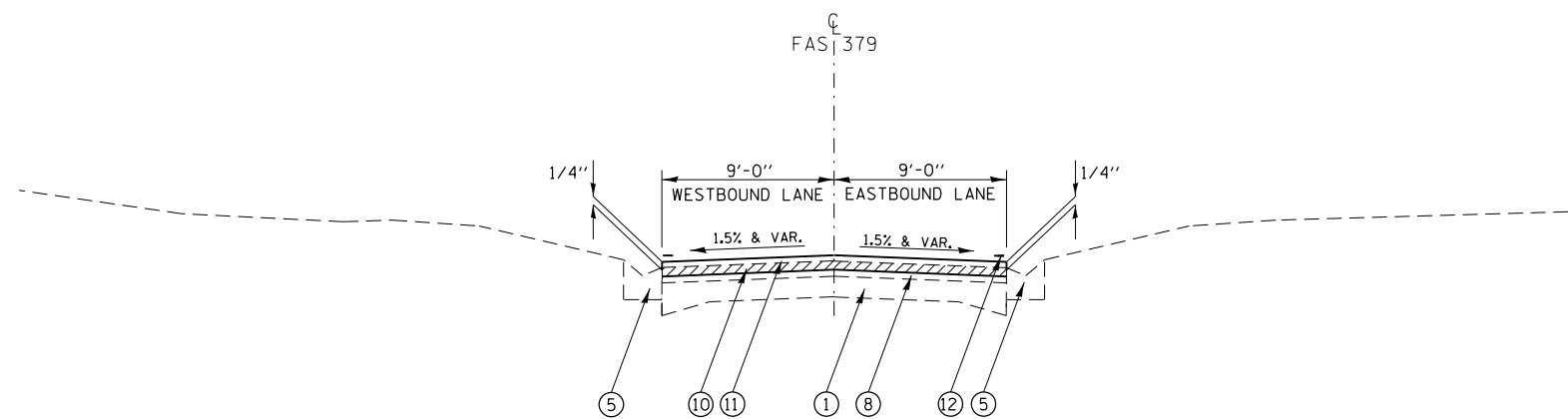
LT. STA. 489+12 TO LT. STA. 493+70 RT. STA. 489+00 TO RT. STA. 493+85



⑧ PROPOSED TYPICAL SECTION

FAS 379 (IL 167)

LT. STA. 494+21 TO LT. STA. 514+38 RT. STA. 494+38 TO RT. STA. 514+38



⑨ PROPOSED TYPICAL SECTION

FAS 379 (IL 167)

STA. 542+80 TO STA. 568+15
 STA. 599+35 TO STA. 611+60
 STA. 626+75 TO STA. 635+60

LEGEND

EXISTING

- ① 9''-6''-9'' PCC PAVEMENT
- ② BASE COURSE WIDENING
- ③ 6'' HMA SHOULDERS
- ④ AGGREGATE SHOULDERS
- ⑤ CONCRETE GUTTER
- ⑥ CONCRETE CURB & GUTTER
- ⑦ AGGREGATE BASE
- ⑧ HMA OVERLAY

PROPOSED

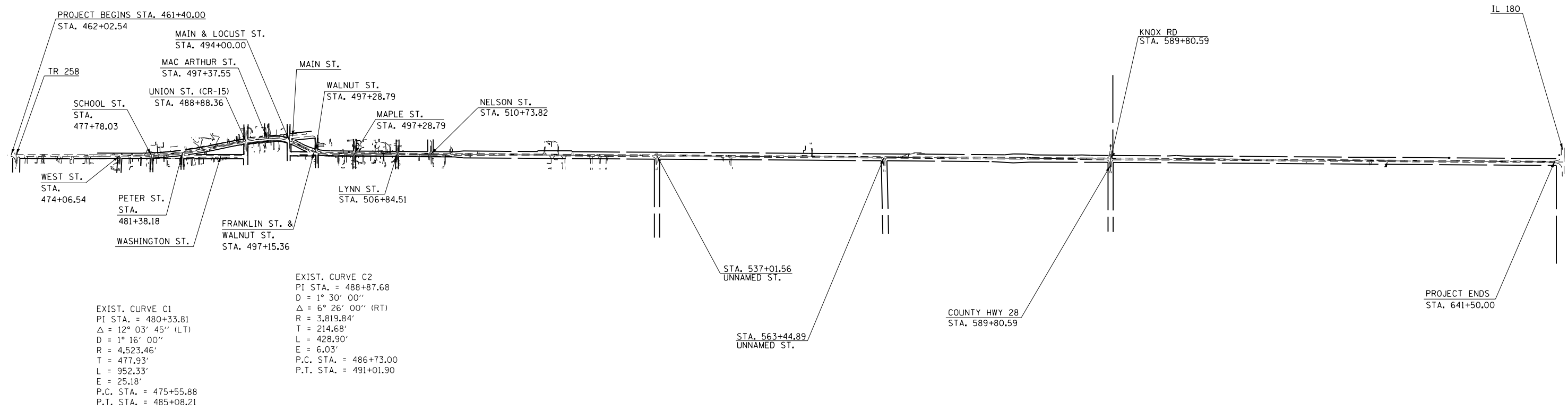
- ⑩ HMA SURFACE REMOVAL, 1-3/4''
- ⑪ HMA SURFACE COURSE, MIX "D", N50 2''
- ⑫ PAVEMENT MARKING

FILE NAME = D468B98-typicals.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					379	(101,111)RS-3	KNOX	33	9
Default	PLOT DATE = 5/16/2014	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 68B98	
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT	



EXIST. CURVE C3
 PI STA. = 493+33.39
 $\Delta = 33^\circ 08' 22''$ (RT)
 $D = 9^\circ 44' 24''$
 $R = 588.26'$
 $T = 175.03'$
 $L = 340.25'$
 $E = 25.49'$
 P.C. STA. = 491+58.36
 P.T. STA. = 494+98.61

EXIST. CURVE C4
 PI STA. = 497+26.56
 $\Delta = 27^\circ 16' 32''$ (LT)
 $D = 7^\circ 33' 40''$
 $R = 757.76'$
 $T = 183.85'$
 $L = 360.73'$
 $E = 21.98'$
 P.C. STA. = 495+42.71
 P.T. STA. = 499+03.44

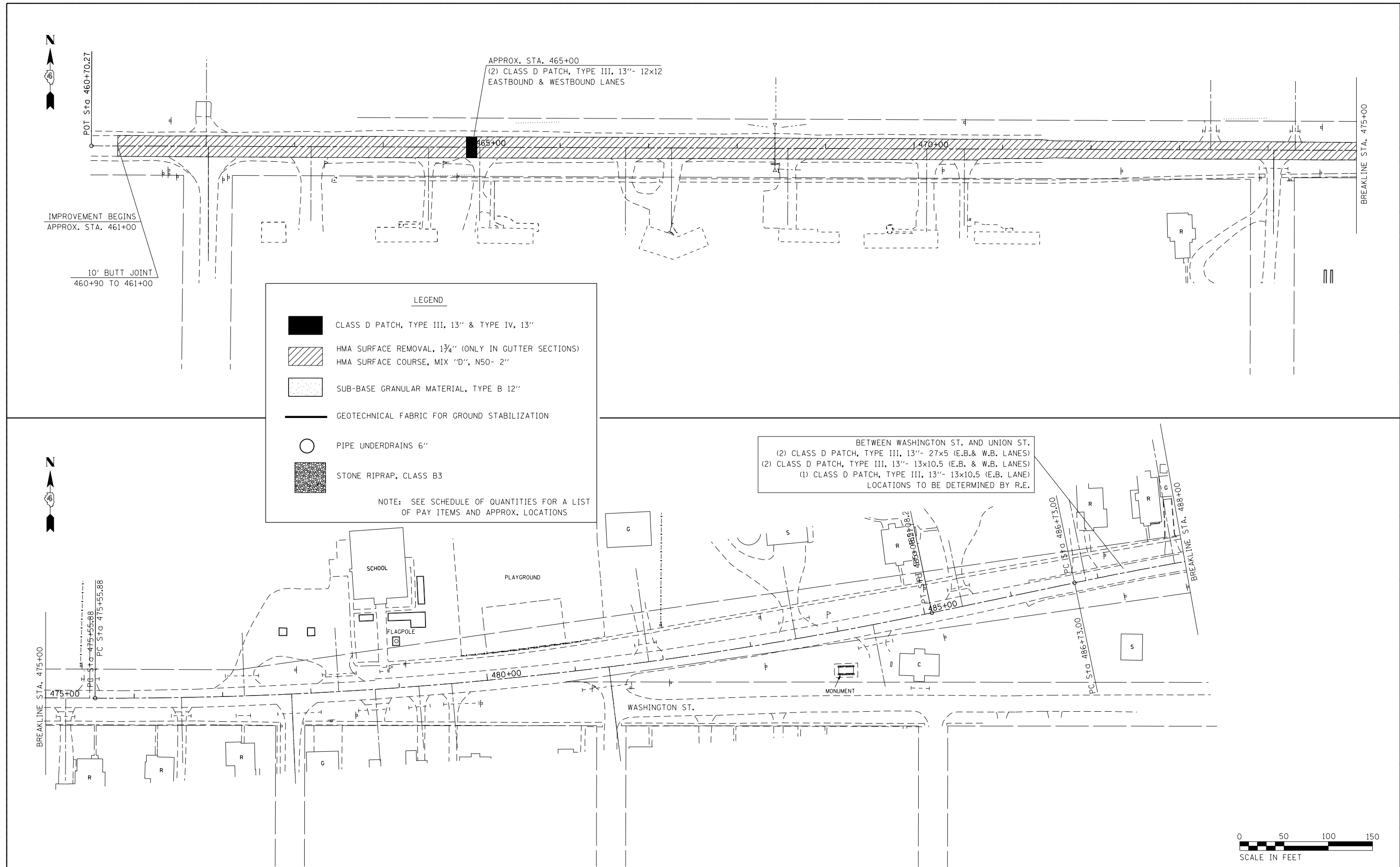


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	PLOT DATE = 5/16/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	10
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				



LEGEND

- CLASS D PATCH, TYPE III, 13" & TYPE IV, 13"
- HMA SURFACE REMOVAL, 1 3/4" (ONLY IN GUTTER SECTIONS)
HMA SURFACE COURSE, MIX "D", N50- 2"
- SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- PIPE UNDERDRAINS 6"
- STONE RIPRAP, CLASS B3

NOTE: SEE SCHEDULE OF QUANTITIES FOR A LIST OF PAY ITEMS AND APPROX. LOCATIONS

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PLOT DATE = 5/16/2014

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DATE -

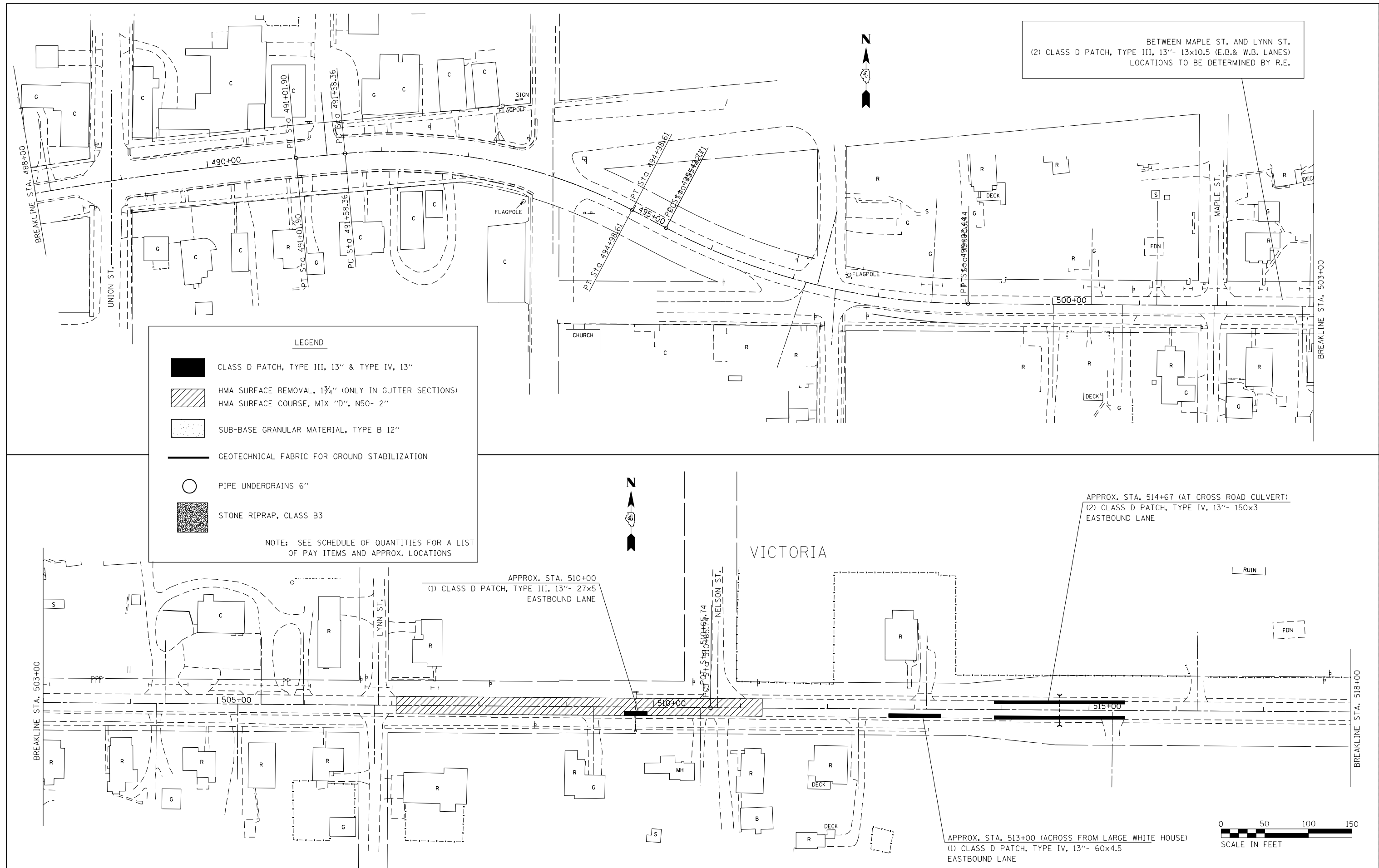
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	11
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				



BETWEEN MAPLE ST. AND LYNN ST.
 (2) CLASS D PATCH, TYPE III, 13'- 13x10.5 (E.B. & W.B. LANES)
 LOCATIONS TO BE DETERMINED BY R.E.

LEGEND

- CLASS D PATCH, TYPE III, 13" & TYPE IV, 13"
- HMA SURFACE REMOVAL, 1 3/4" (ONLY IN GUTTER SECTIONS)
 HMA SURFACE COURSE, MIX "D", N50- 2"
- SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- PIPE UNDERDRAINS 6"
- STONE RIPRAP, CLASS B3

NOTE: SEE SCHEDULE OF QUANTITIES FOR A LIST OF PAY ITEMS AND APPROX. LOCATIONS

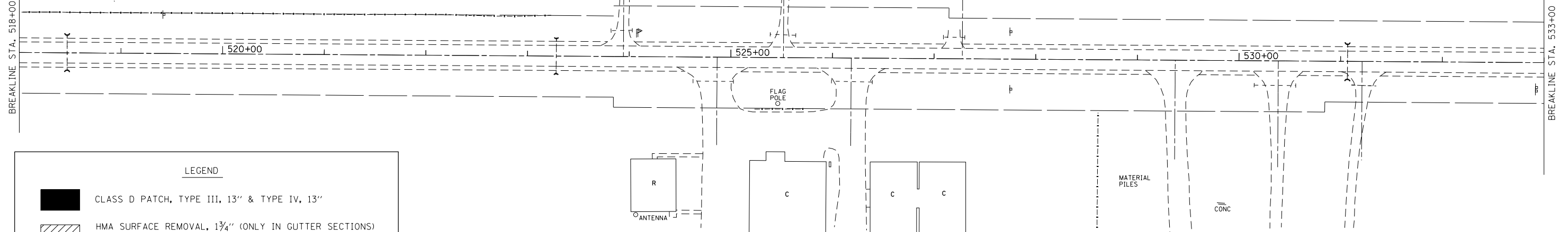
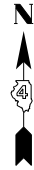
APPROX. STA. 510+00
 (1) CLASS D PATCH, TYPE III, 13'- 27x5
 EASTBOUND LANE

APPROX. STA. 514+67 (AT CROSS ROAD CULVERT)
 (2) CLASS D PATCH, TYPE IV, 13'- 150x3
 EASTBOUND LANE

APPROX. STA. 513+00 (ACROSS FROM LARGE WHITE HOUSE)
 (1) CLASS D PATCH, TYPE IV, 13'- 60x4.5
 EASTBOUND LANE



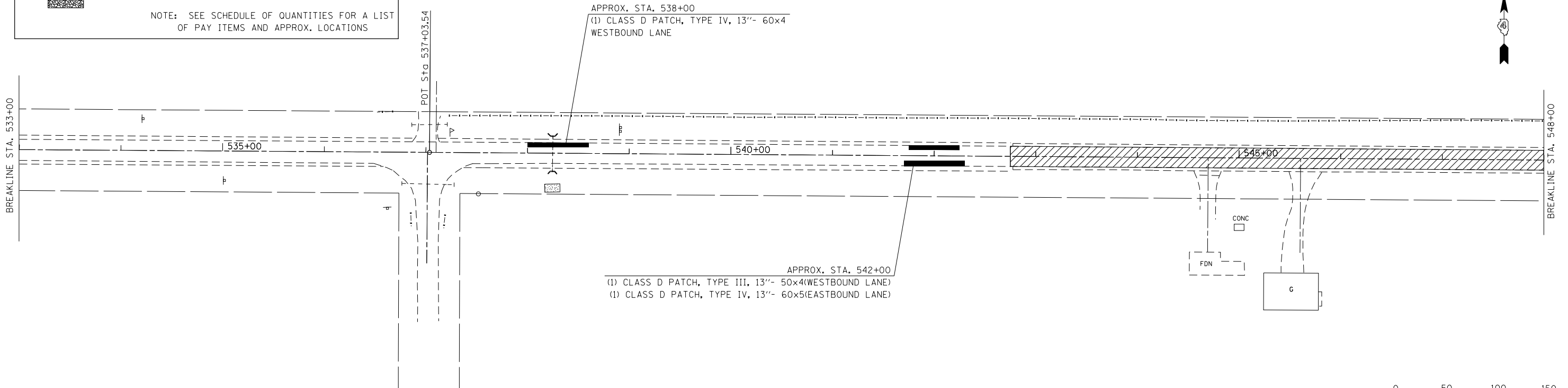
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	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -					379	(101,111)RS-3	KNOX	33	12
Default	PLOT DATE = 5/16/2014	DATE -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 68B98	
											ILLINOIS FED. AID PROJECT	



LEGEND

- CLASS D PATCH, TYPE III, 13" & TYPE IV, 13"
- HMA SURFACE REMOVAL, 1 3/4" (ONLY IN GUTTER SECTIONS)
HMA SURFACE COURSE, MIX "D", N50- 2"
- SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- PIPE UNDERDRAINS 6"
- STONE RIPRAP, CLASS B3

NOTE: SEE SCHEDULE OF QUANTITIES FOR A LIST OF PAY ITEMS AND APPROX. LOCATIONS



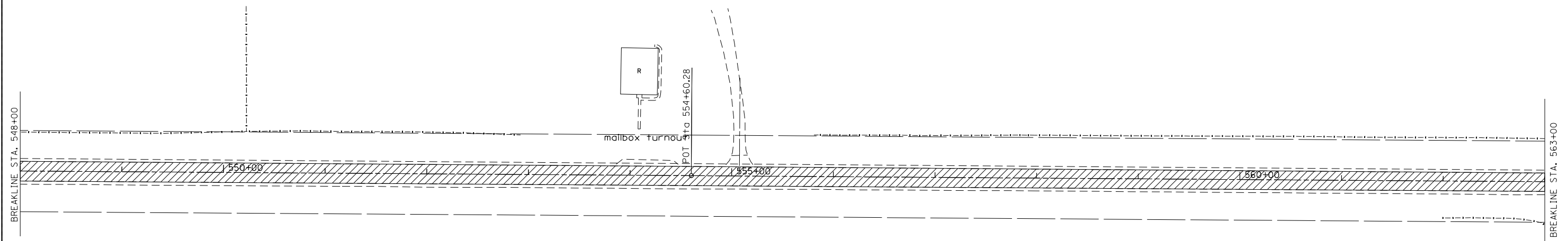
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	PLOT DATE = 5/16/2014	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

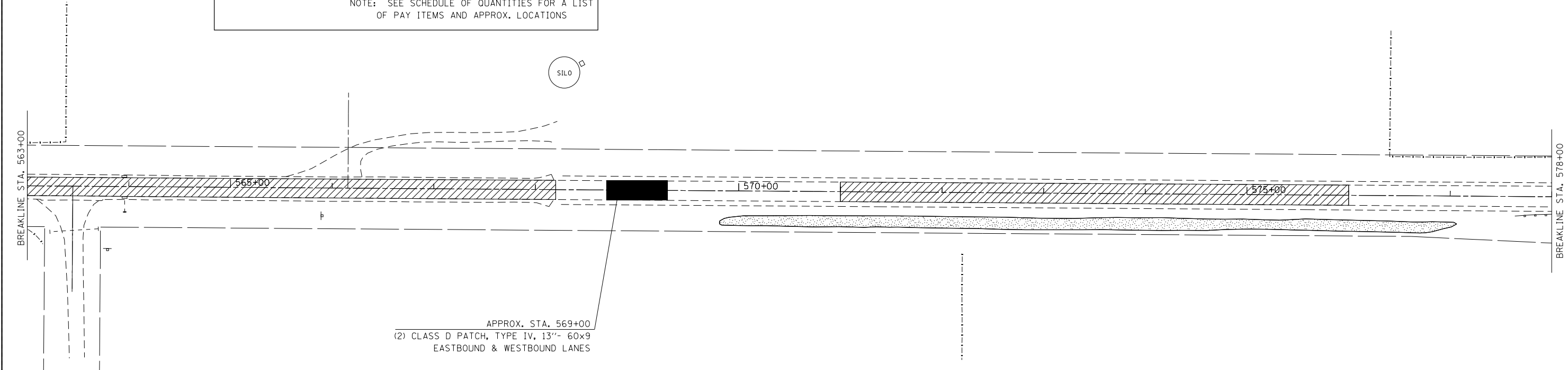
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	13
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				



LEGEND

- CLASS D PATCH, TYPE III, 13" & TYPE IV, 13"
- HMA SURFACE REMOVAL, 1 3/4" (ONLY IN GUTTER SECTIONS)
HMA SURFACE COURSE, MIX "D", N50- 2"
- SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- PIPE UNDERDRAINS 6"
- STONE RIPRAP, CLASS B3

NOTE: SEE SCHEDULE OF QUANTITIES FOR A LIST OF PAY ITEMS AND APPROX. LOCATIONS



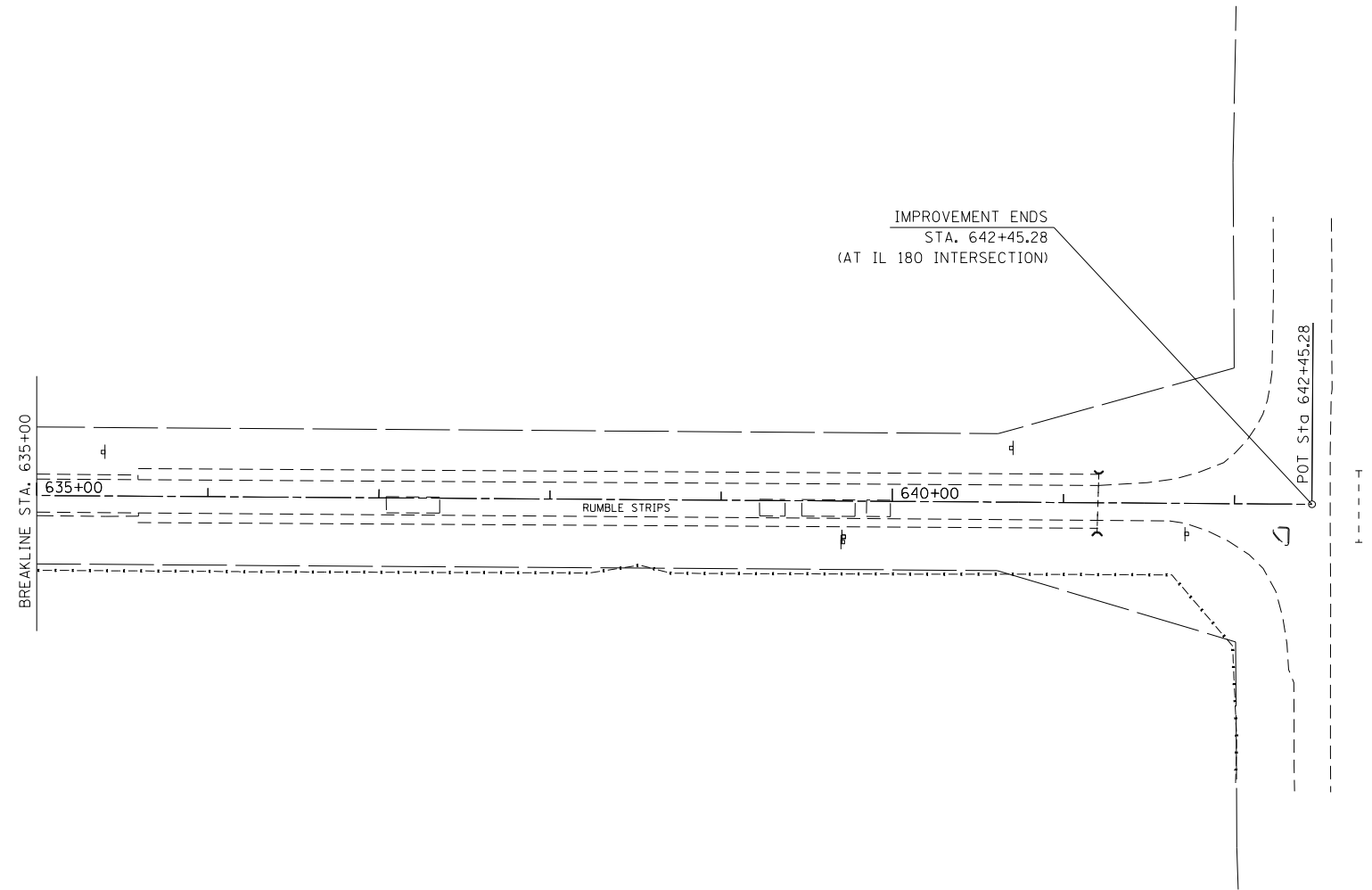
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	PLOT DATE = 5/16/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	14
CONTRACT NO. 68B98			ILLINOIS FED. AID PROJECT	



LEGEND

- CLASS D PATCH, TYPE III, 13" & TYPE IV, 13"
- HMA SURFACE REMOVAL, 1 3/4" (ONLY IN GUTTER SECTIONS)
HMA SURFACE COURSE, MIX "D", N50- 2"
- SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- PIPE UNDERDRAINS 6"
- STONE RIPRAP, CLASS B3

NOTE: SEE SCHEDULE OF QUANTITIES FOR A LIST OF PAY ITEMS AND APPROX. LOCATIONS

FILE NAME = D488778-SHT-REMOVAL.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
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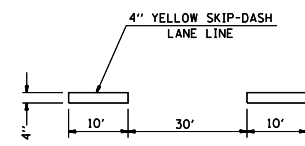
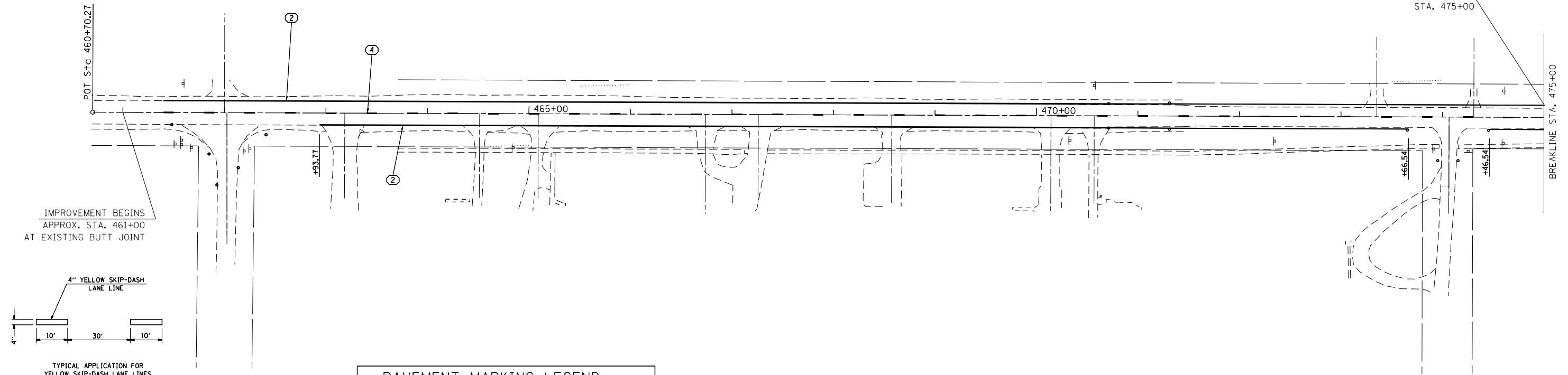
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	17
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				

PROPOSED PAVEMENT MARKING ENDS AT LIMIT OF OVERLAY
STA. 475+00



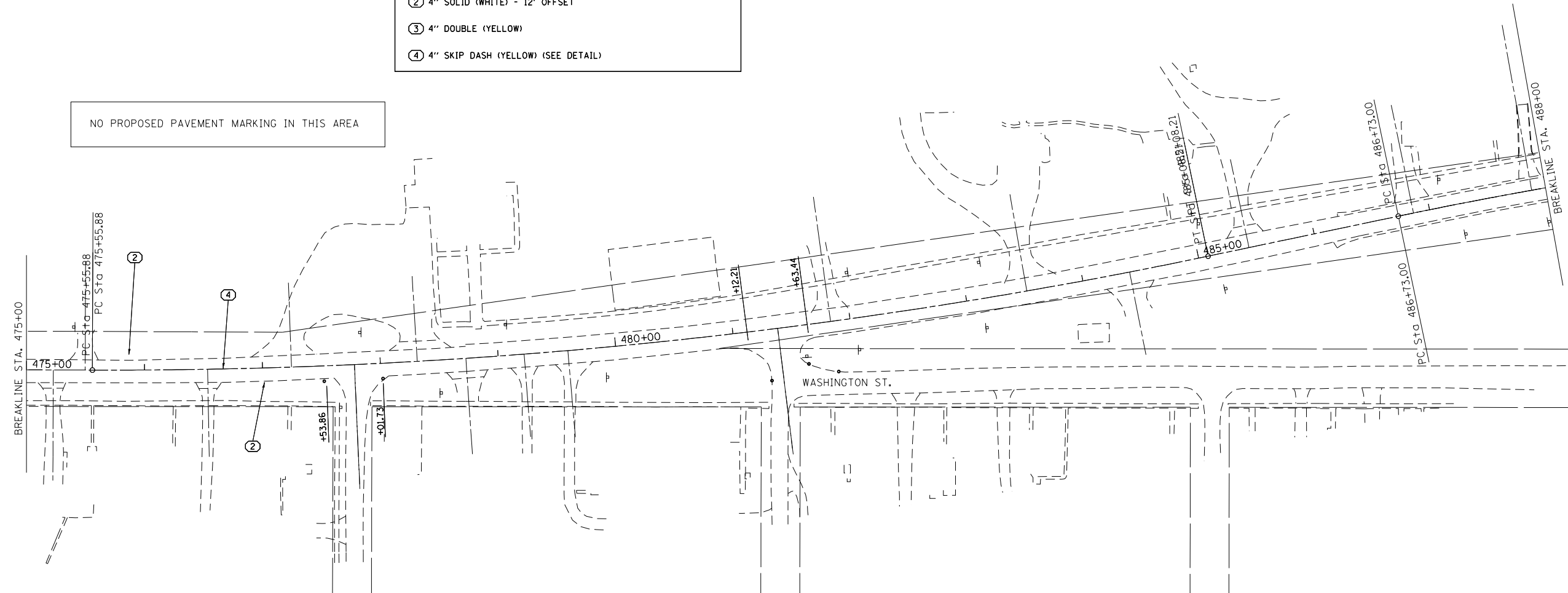
TYPICAL APPLICATION FOR
YELLOW SKIP-DASH LANE LINES

DETAIL

PAVEMENT MARKING LEGEND

- ① 4" SOLID (YELLOW) - SEE TYPICAL SECTIONS FOR OFFSET
- ② 4" SOLID (WHITE) - 12' OFFSET
- ③ 4" DOUBLE (YELLOW)
- ④ 4" SKIP DASH (YELLOW) (SEE DETAIL)

NO PROPOSED PAVEMENT MARKING IN THIS AREA



FILE NAME =
D488778-SHT-PMK.dgn
Default

USER NAME = aubreys
PLOT SCALE = 100.0000' / in.
PLOT DATE = 5/16/2014

DESIGNED -
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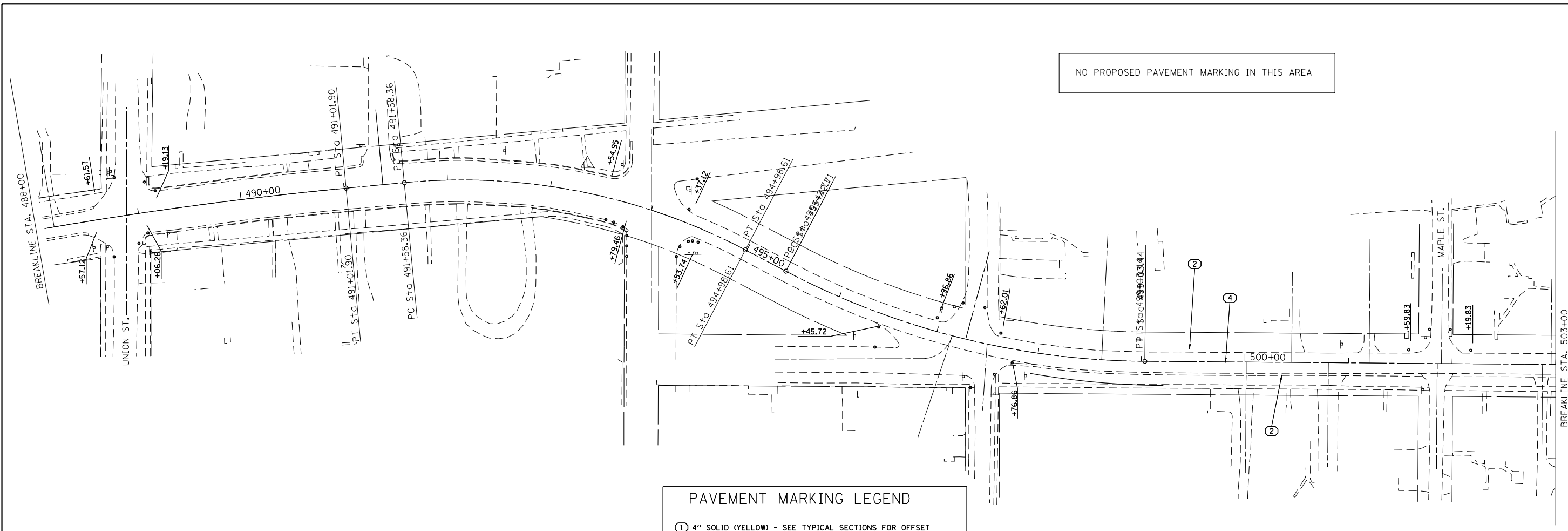
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

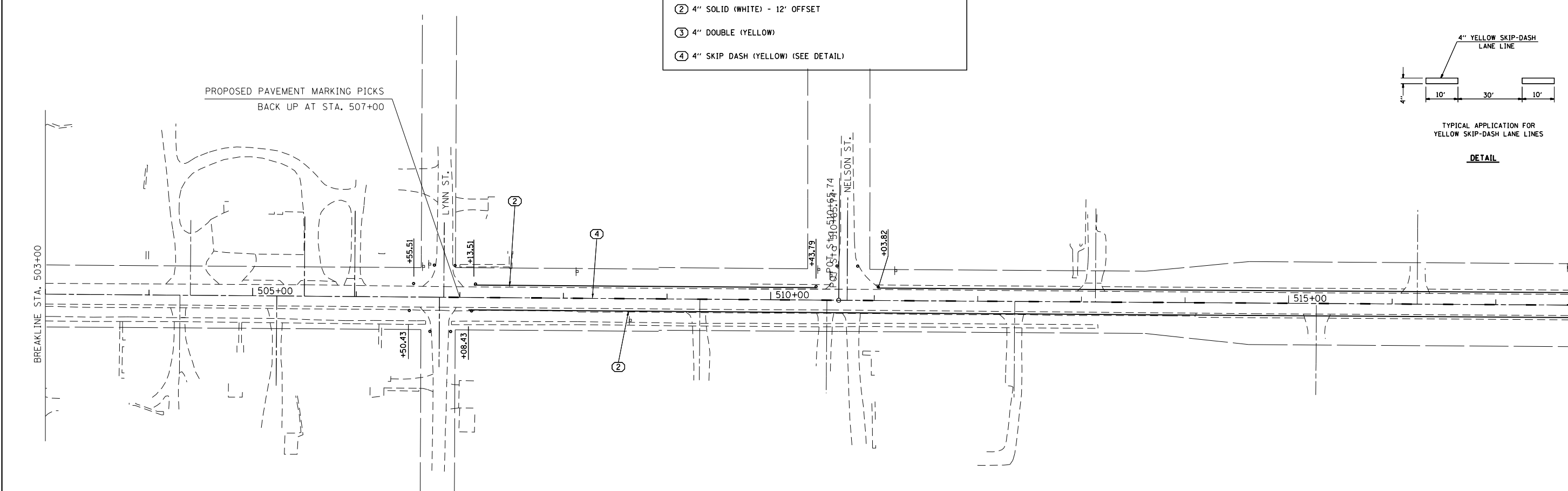
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101, 111)RS-3	KNOX	33	18
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				

NO PROPOSED PAVEMENT MARKING IN THIS AREA



PAVEMENT MARKING LEGEND

- ① 4" SOLID (YELLOW) - SEE TYPICAL SECTIONS FOR OFFSET
- ② 4" SOLID (WHITE) - 12' OFFSET
- ③ 4" DOUBLE (YELLOW)
- ④ 4" SKIP DASH (YELLOW) (SEE DETAIL)



FILE NAME = D488778-SHT-PMK.dgn
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 PLOT DATE = 5/16/2014

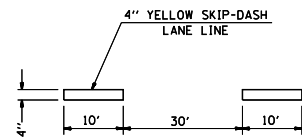
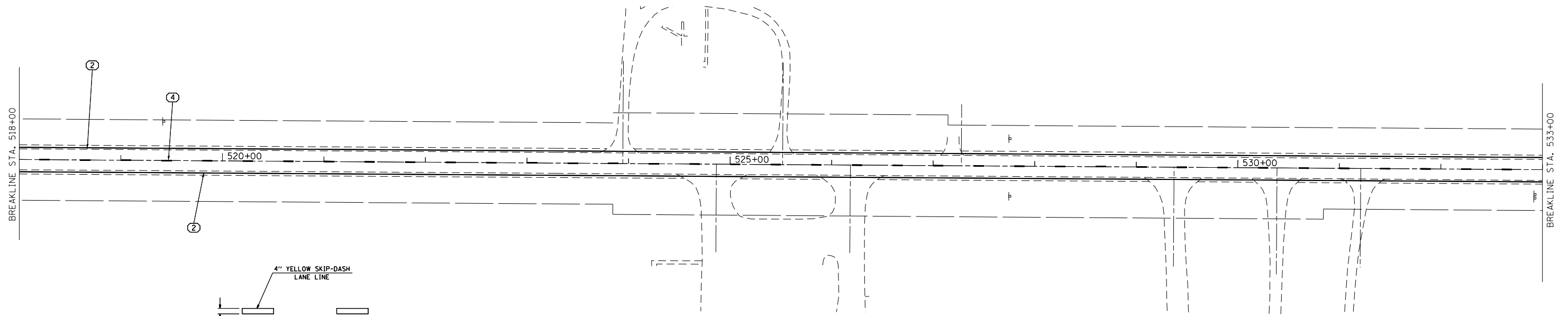
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101, 111)RS-3	KNOX	33	19
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				

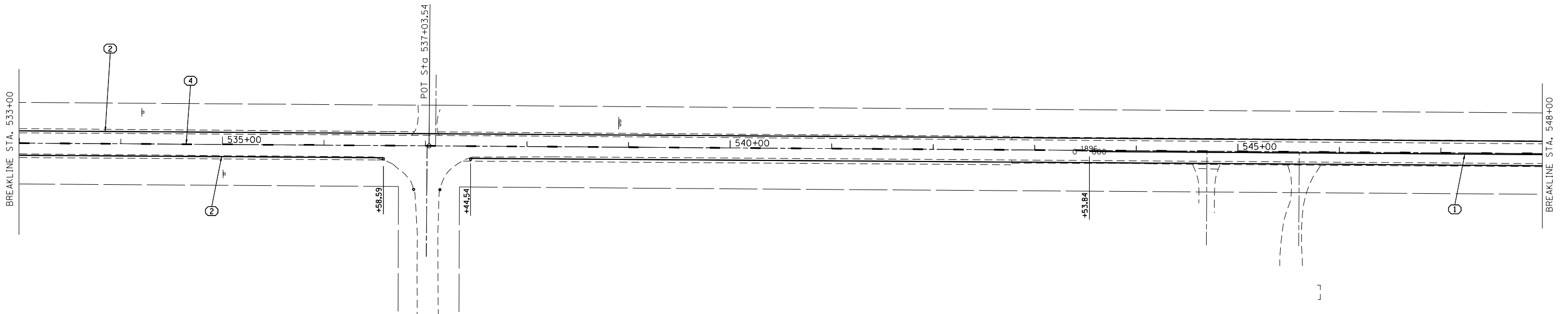


TYPICAL APPLICATION FOR
YELLOW SKIP-DASH LANE LINES

DETAIL

PAVEMENT MARKING LEGEND

- ① 4" SOLID (YELLOW) - SEE TYPICAL SECTIONS FOR OFFSET
- ② 4" SOLID (WHITE) - 12' OFFSET
- ③ 4" DOUBLE (YELLOW)
- ④ 4" SKIP DASH (YELLOW) (SEE DETAIL)



FILE NAME =
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DATE -

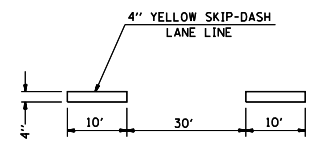
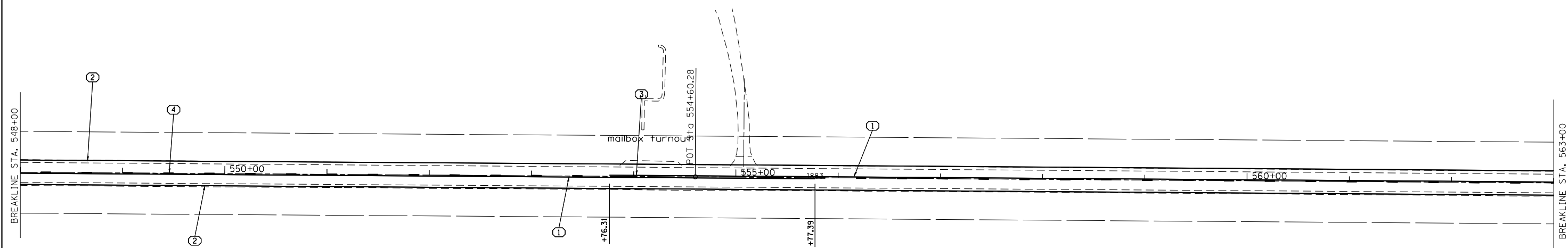
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS

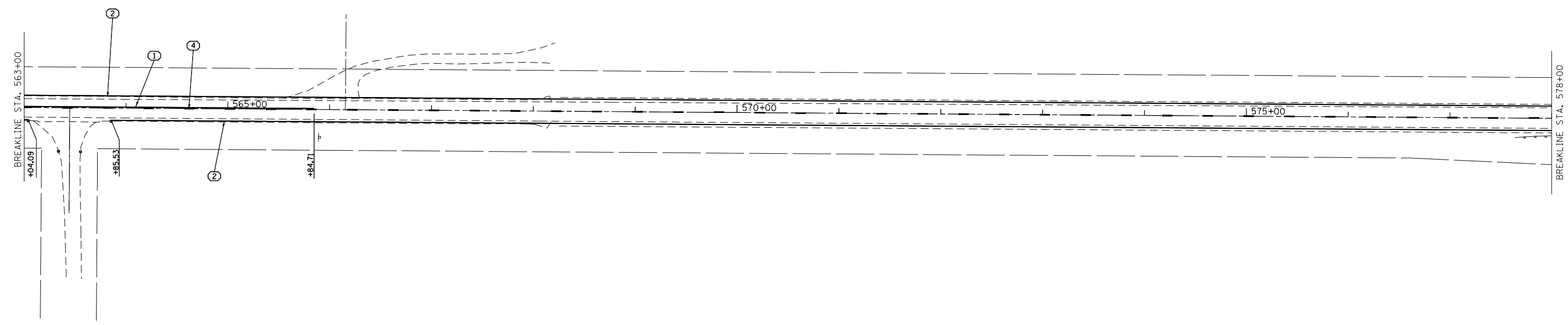
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101, 111)RS-3	KNOX	33	20
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				



TYPICAL APPLICATION FOR
YELLOW SKIP-DASH LANE LINES
DETAIL

PAVEMENT MARKING LEGEND	
①	4" SOLID (YELLOW) - SEE TYPICAL SECTIONS FOR OFFSET
②	4" SOLID (WHITE) - 12' OFFSET
③	4" DOUBLE (YELLOW)
④	4" SKIP DASH (YELLOW) (SEE DETAIL)

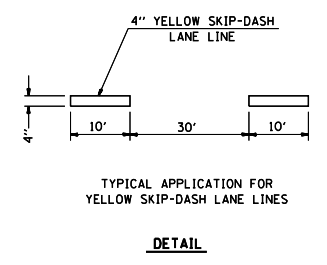
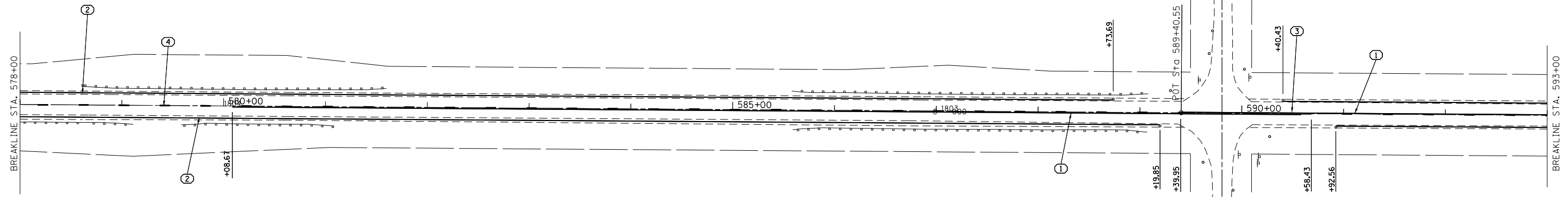


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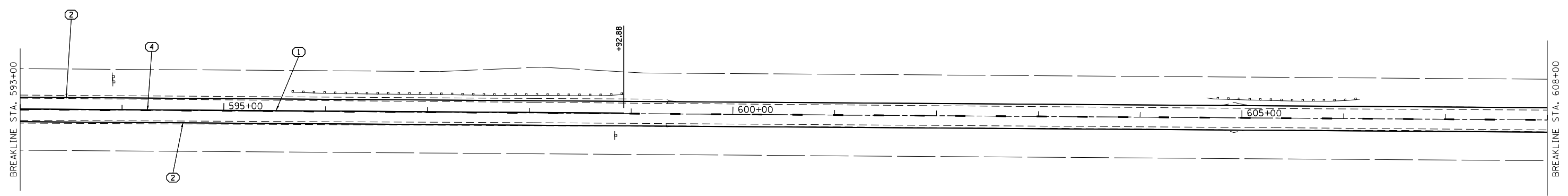
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101, 111)RS-3	KNOX	33	21
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	
①	4" SOLID (YELLOW) - SEE TYPICAL SECTIONS FOR OFFSET
②	4" SOLID (WHITE) - 12' OFFSET
③	4" DOUBLE (YELLOW)
④	4" SKIP DASH (YELLOW) (SEE DETAIL)

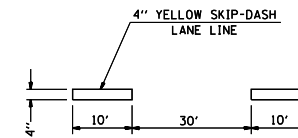
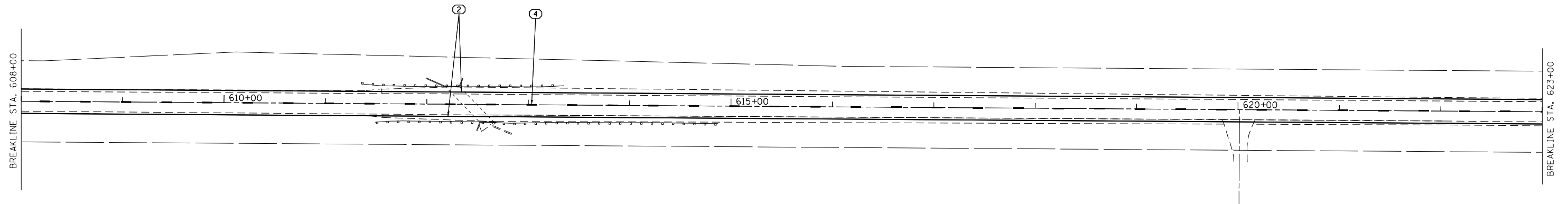


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	PLOT DATE = 5/16/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101, 111)RS-3	KNOX	33	22
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				

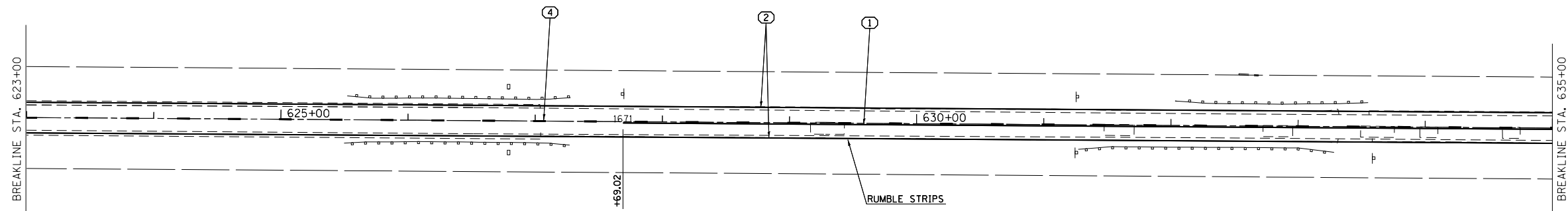


TYPICAL APPLICATION FOR
YELLOW SKIP-DASH LANE LINES

DETAIL

PAVEMENT MARKING LEGEND

- ① 4" SOLID (YELLOW) - SEE TYPICAL SECTIONS FOR OFFSET
- ② 4" SOLID (WHITE) - 12' OFFSET
- ③ 4" DOUBLE (YELLOW)
- ④ 4" SKIP DASH (YELLOW) (SEE DETAIL)



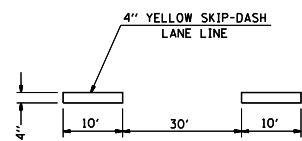
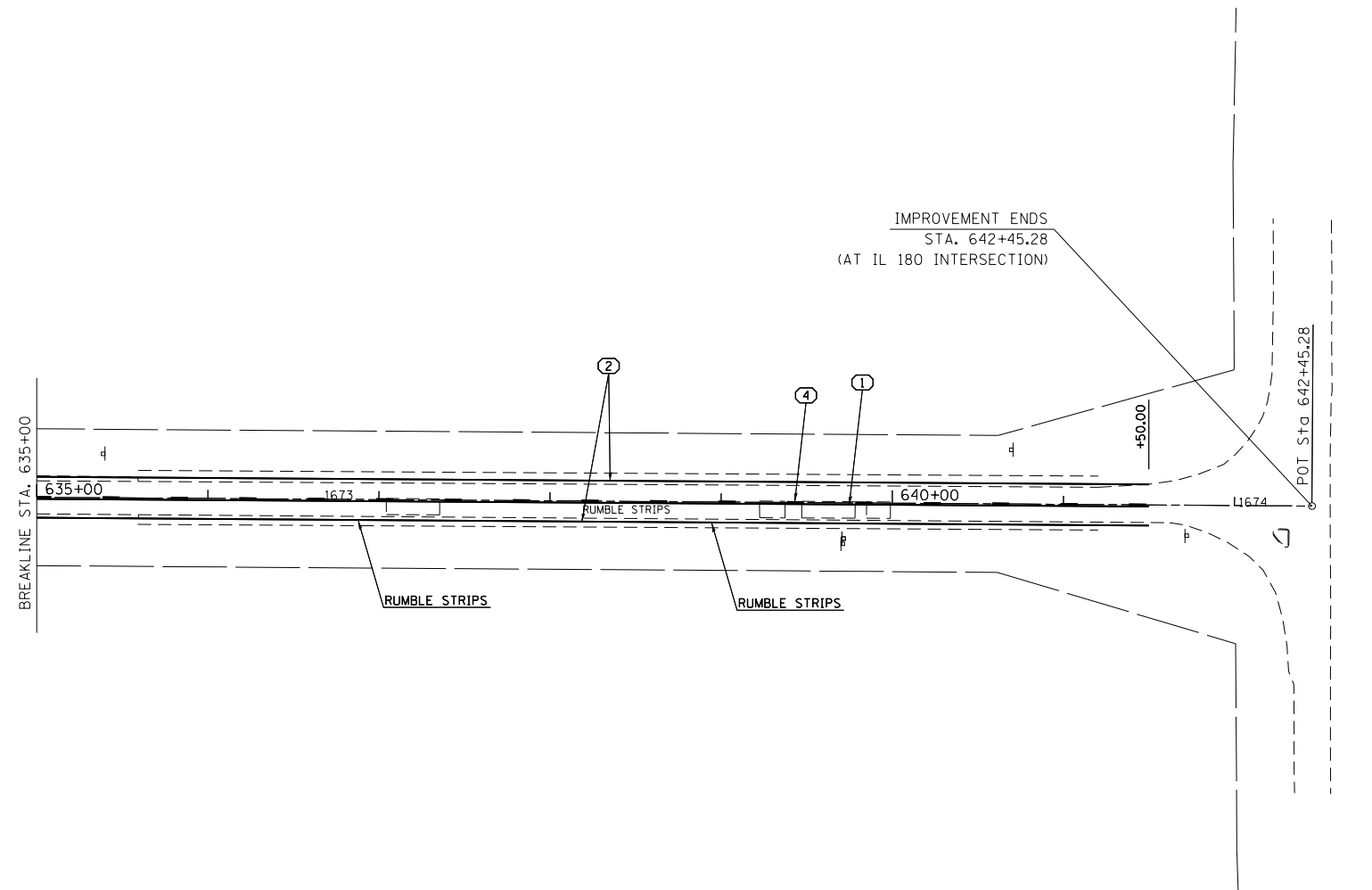
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	PLOT DATE = 5/16/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101, 111)RS-3	KNOX	33	23
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				



TYPICAL APPLICATION FOR
YELLOW SKIP-DASH LANE LINES

DETAIL

PAVEMENT MARKING LEGEND

- ① 4" SOLID (YELLOW) - SEE TYPICAL SECTIONS FOR OFFSET
- ② 4" SOLID (WHITE) - 12" OFFSET
- ③ 4" DOUBLE (YELLOW)
- ④ 4" SKIP DASH (YELLOW) (SEE DETAIL)

FILE NAME =
D488778-SHT-PMK.dgn

USER NAME = aubreys

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 100.0000' / 1".

CHECKED -

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DATE -

REVISED -

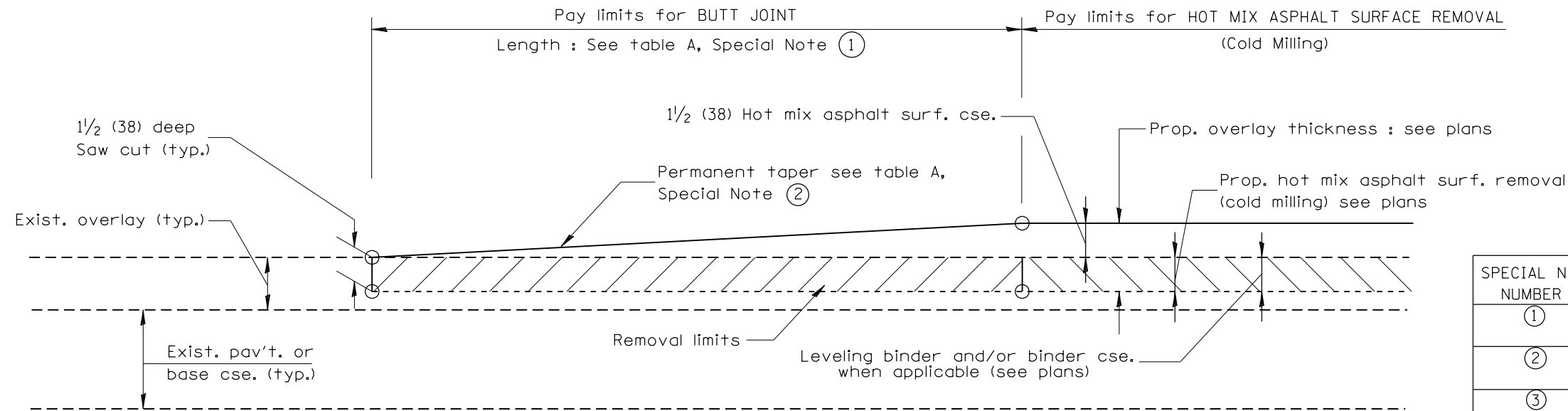
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101, 111)RS-3	KNOX	33	24
CONTRACT NO. 68B98				
ILLINOIS FED. AID PROJECT				

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).



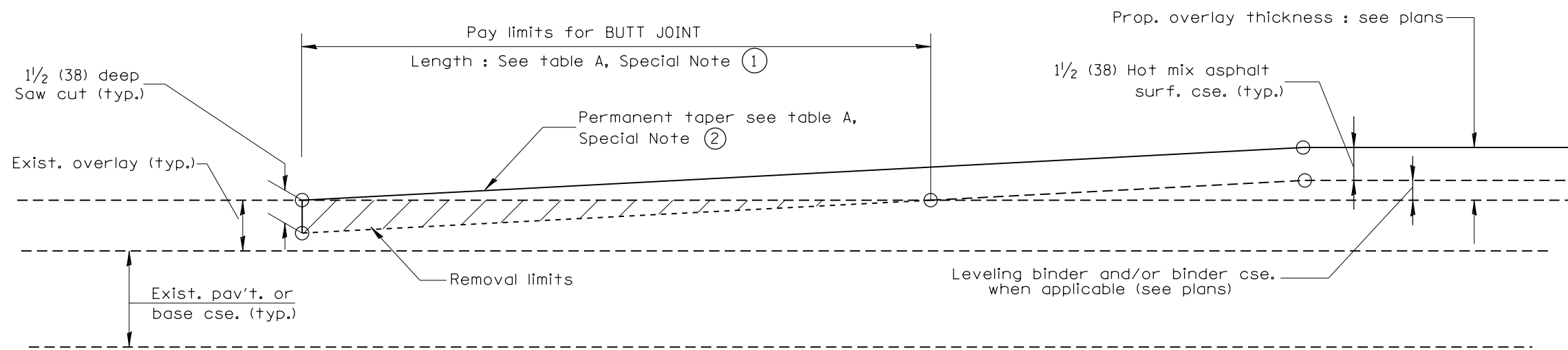
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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.
04-01-97	CORRECTION TO DEPTH	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

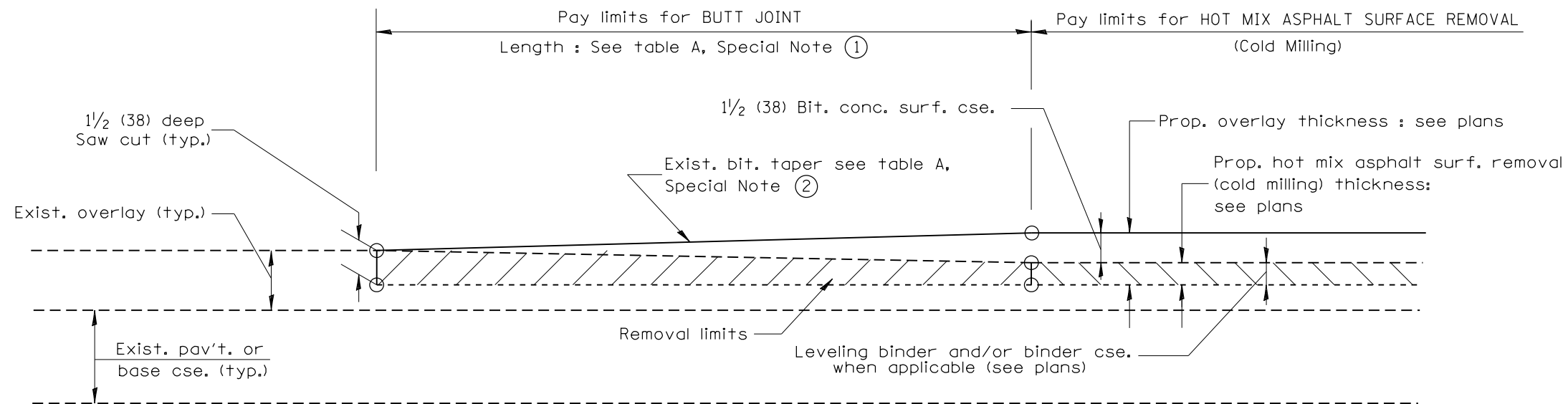
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

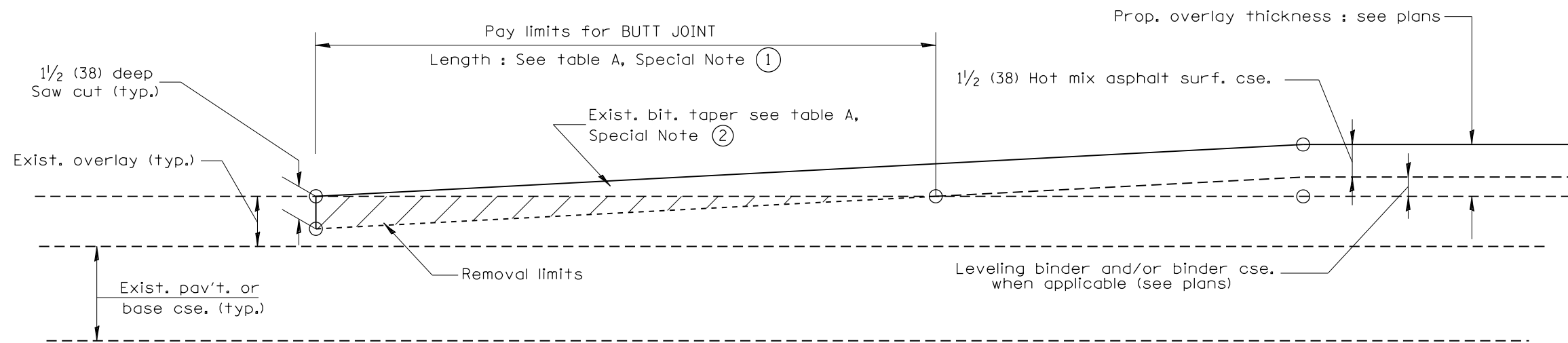
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SHT. 1 OF 3
CADD STD. 406101-D4

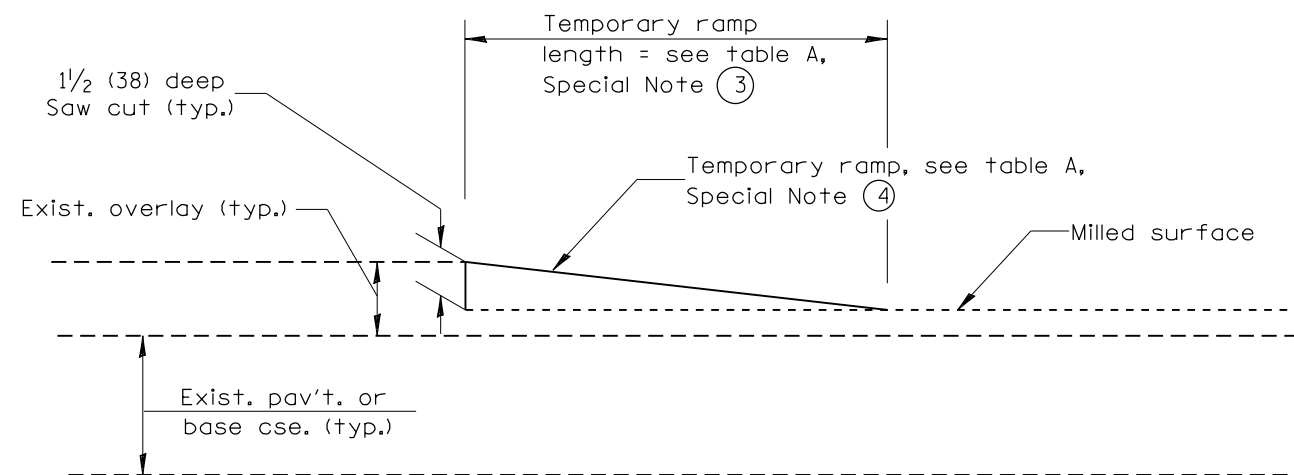
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101, 111)RS-3	KNOX	33	25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B98	



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.

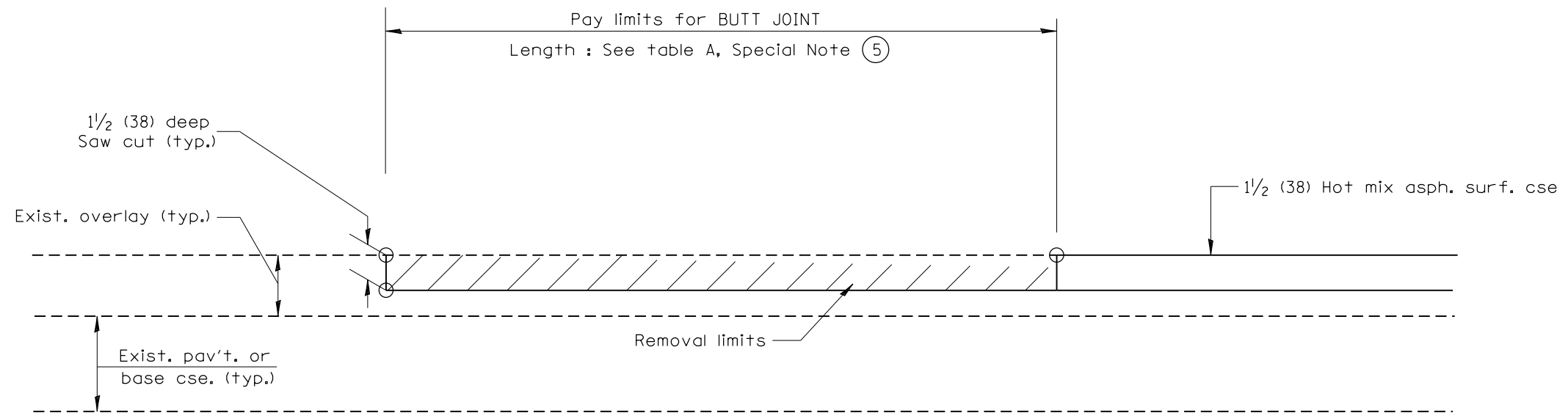
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3
 CADD STD. 406101-D4

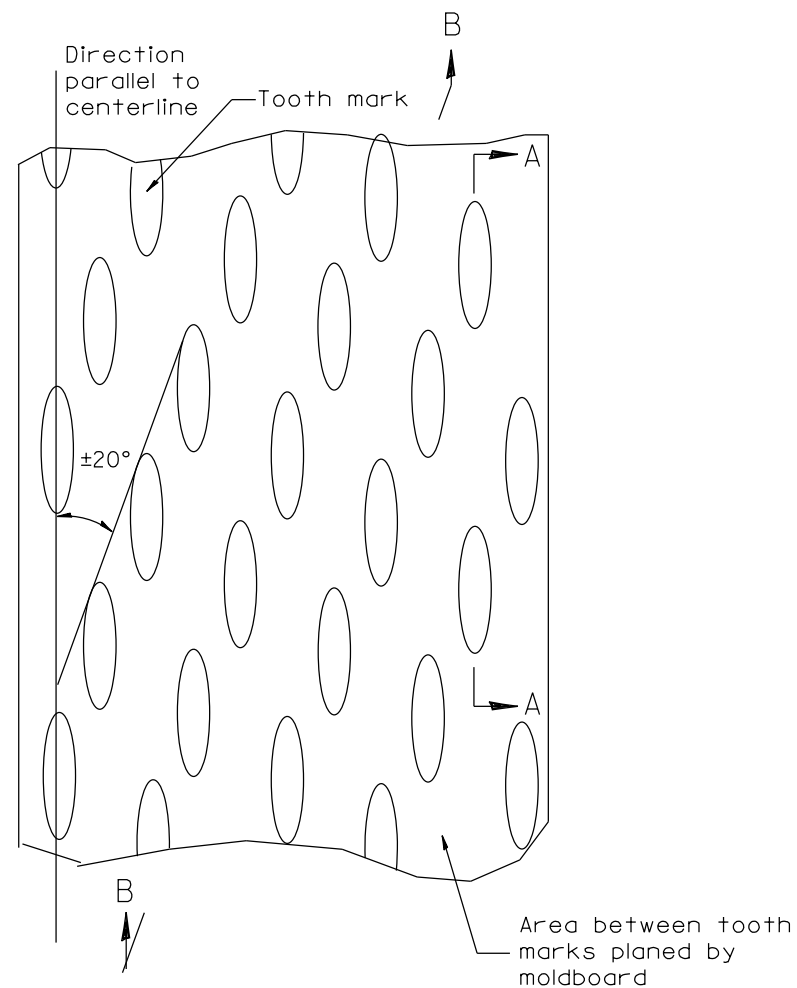
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B98	



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		SHT. 3 OF 3 CADD STD. 406101-D4		<table border="1"> <tr> <th>F.A.S RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>379</td> <td>(101,111)RS-3</td> <td>KNOX</td> <td>33</td> <td>27</td> </tr> <tr> <td colspan="3">FED. ROAD DIST. NO.</td> <td colspan="2">ILLINOIS FED. AID PROJECT</td> </tr> </table>		F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	379	(101,111)RS-3	KNOX	33	27	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																						
379	(101,111)RS-3	KNOX	33	27																						
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT																							
				NOT TO SCALE				CONTRACT NO. 68B98																		

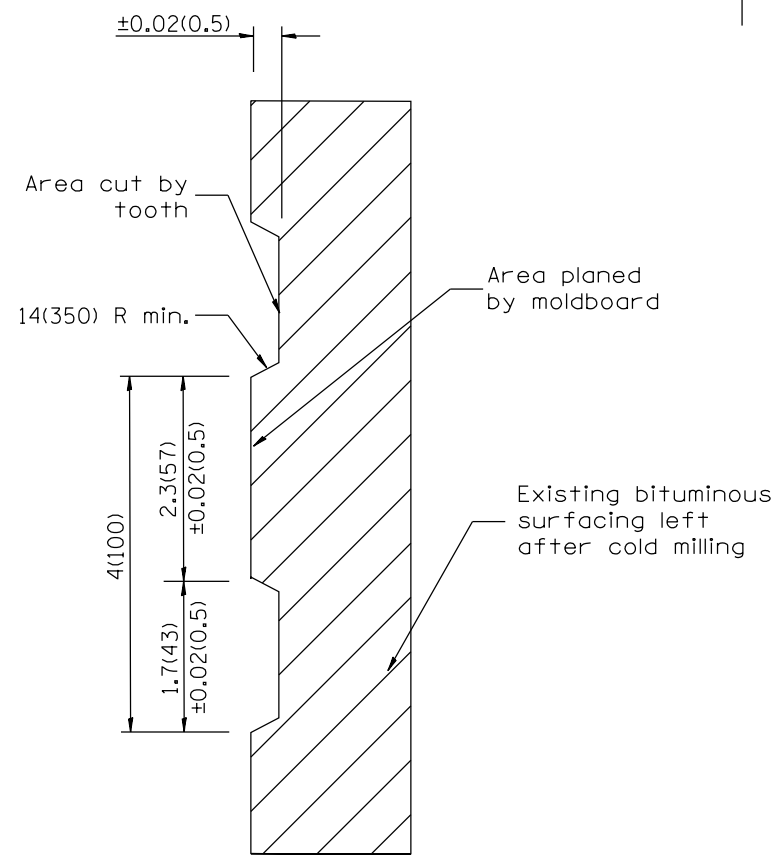


PLAN

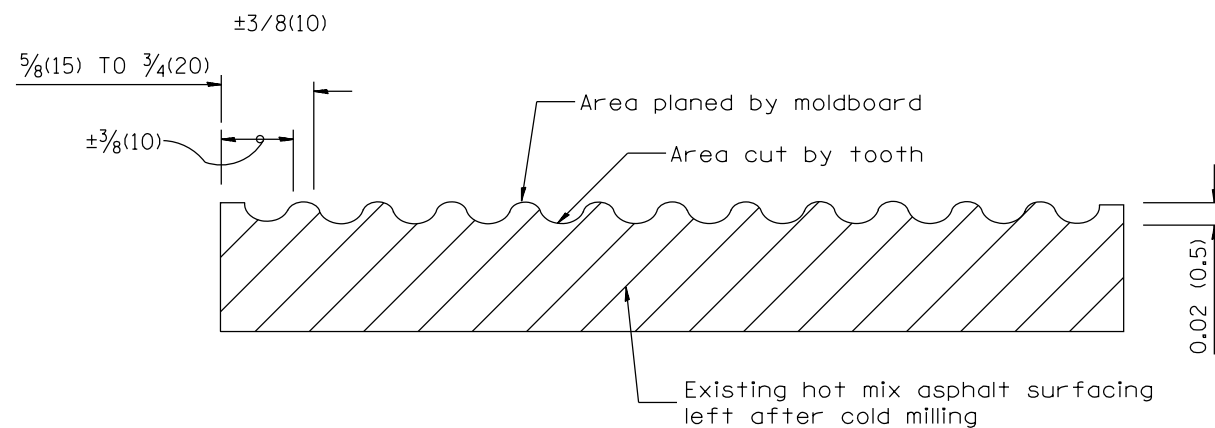
Area between tooth marks planed by moldboard

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.

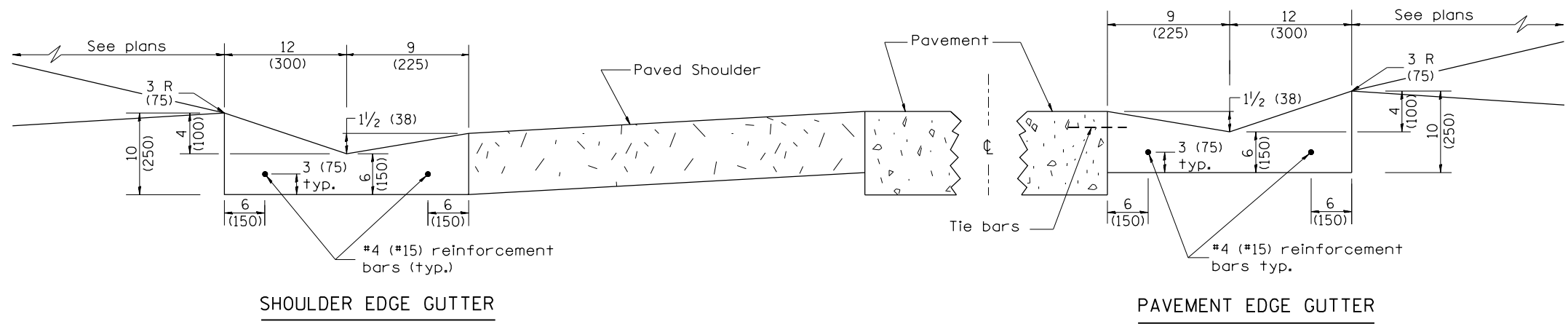
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

CADD STD. 440001-D4

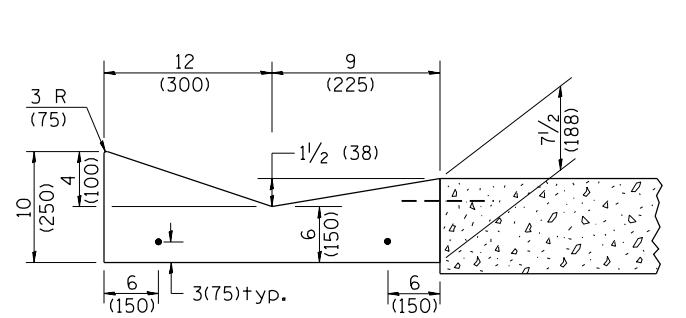
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	28
CONTRACT NO. 68B98				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



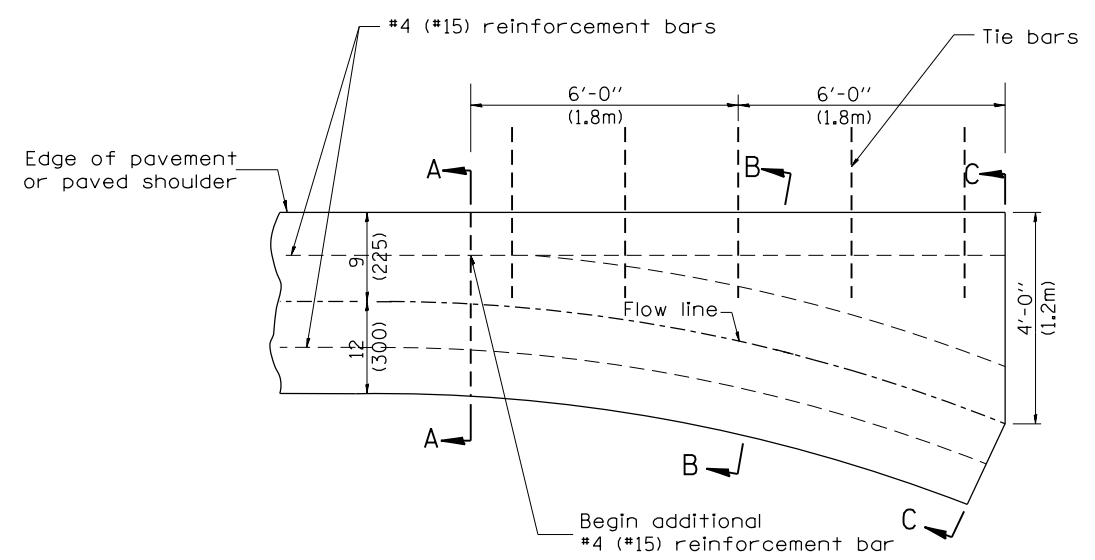
SHOULDER EDGE GUTTER

PAVEMENT EDGE GUTTER

CONCRETE GUTTER, TYPE B, (SPECIAL)

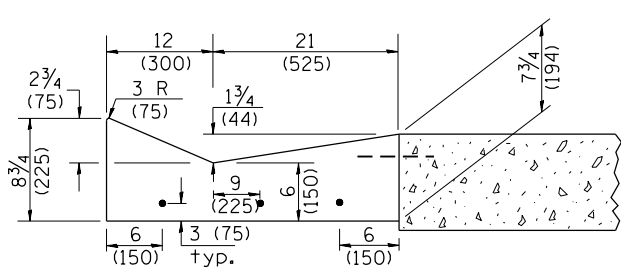


SECTION A-A

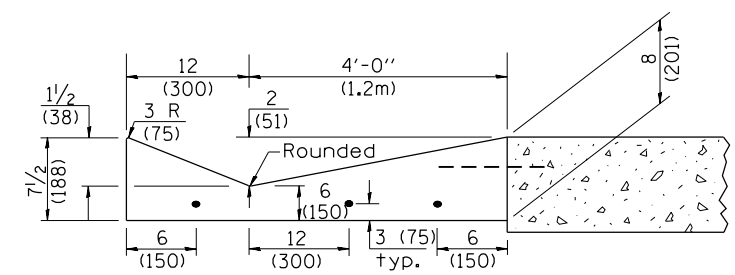


PLAN

QUANTITY
Section C-C to A-A=
0.73 cu. yd. concrete.



SECTION B-B



SECTION C-C

INLET

GENERAL NOTES:

1. CONCRETE GUTTER, TYPE B (SPECIAL) shall conform to the the applicable portions of Section 606.
2. Tie bars shall be No. 6 (No. 20) at 24" (600mm) centers unless otherwise shown.
3. Gutter, gutter inlets, gutter outlets, and gutter entrances shall be tied to rigid pavement in accordance with details shown on Standard 420001.
4. Joints shall be constructed in accordance with Article 606.06.
5. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 58 lbs/100 sq.ft. (2.83 kg/m²).

DESIGNER NOTES:
1. INCLUDE STATE std. 420001.

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. A-1.01, NEW REVISION BOX, ELIMINATED	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
	EXPANSION ANCHOR TIES		11-16-07	REVISED QUANTITY	M.A.
03-06-98	CORRECT DIMENSIONING	J.A.	02-15-11	CHANGED MODIFIED TO SPECIAL	R.D.
03-10-06	REVISED QUANTITY	M.A.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

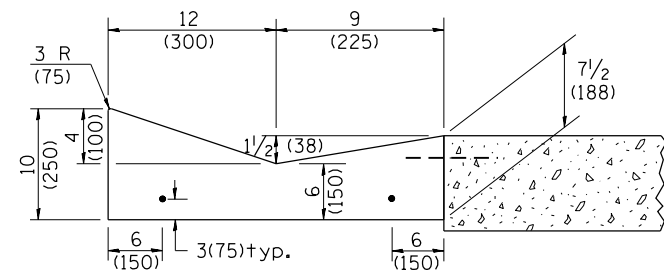
CONCRETE GUTTER, TYPE B, (SPECIAL)
(INLET, OUTLET & ENTRANCE)

NOT TO SCALE

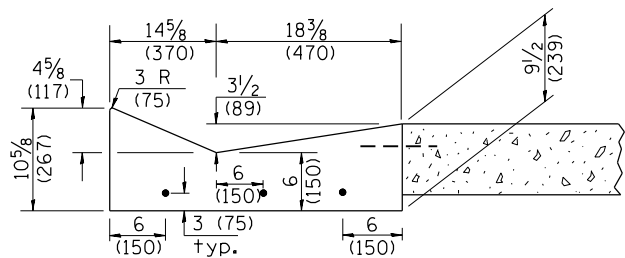
SHT. 1 OF 3
CADD STD. 606201-D4

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

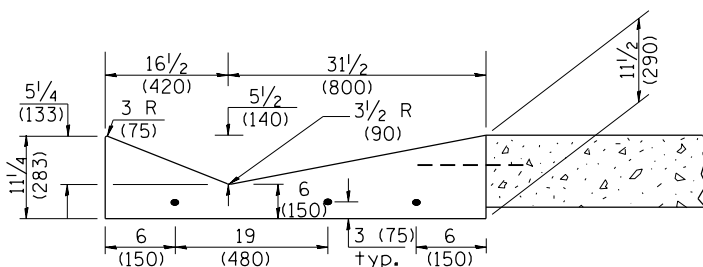
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	29
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B98	



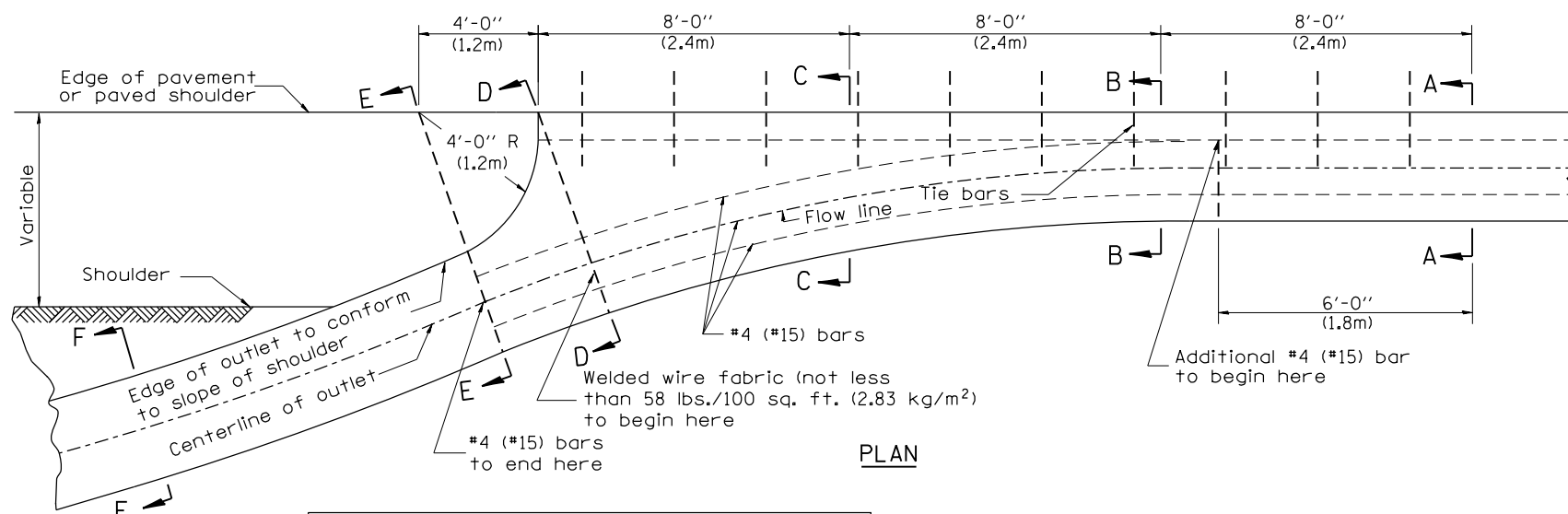
SECTION A-A



SECTION B-B



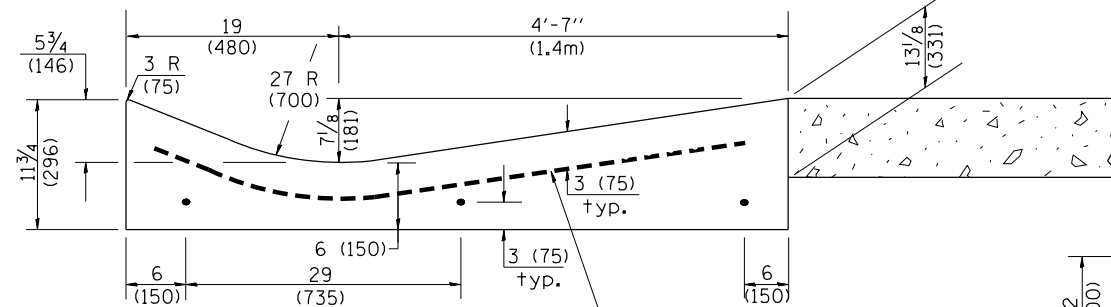
SECTION C-C



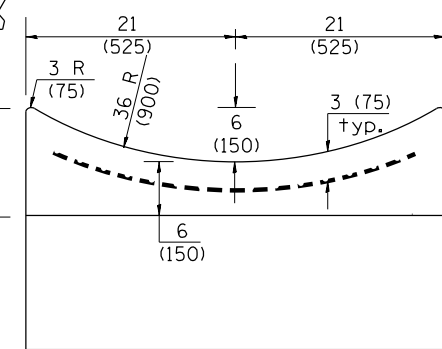
PLAN

QUANTITY
 Section A-A to E-E= 2.81 cu. yd. concrete.
 Section E-E to F-F= 0.09 cu. yd./ft. concrete.

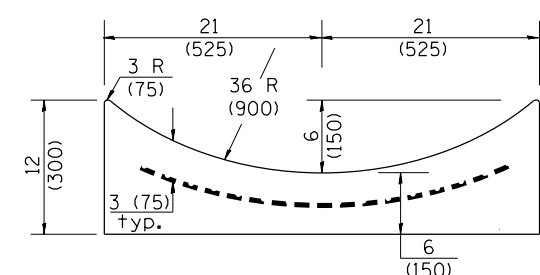
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 6 ft. (1.8m) for each 1% increase in grade. A quantity adjustment is required.



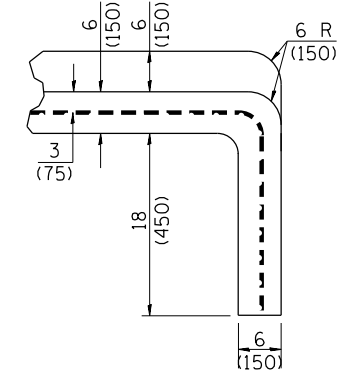
SECTION D-D



SECTION E-E



SECTION F-F



SECTIONS AT END OF OUTLET (CURTAIN WALL)

QUANTITY
 Curtain Wall = 0.1 cu. yd. concrete.

OUTLET

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONCRETE GUTTER, TYPE B, (SPECIAL)
 (INLET, OUTLET & ENTRANCE)

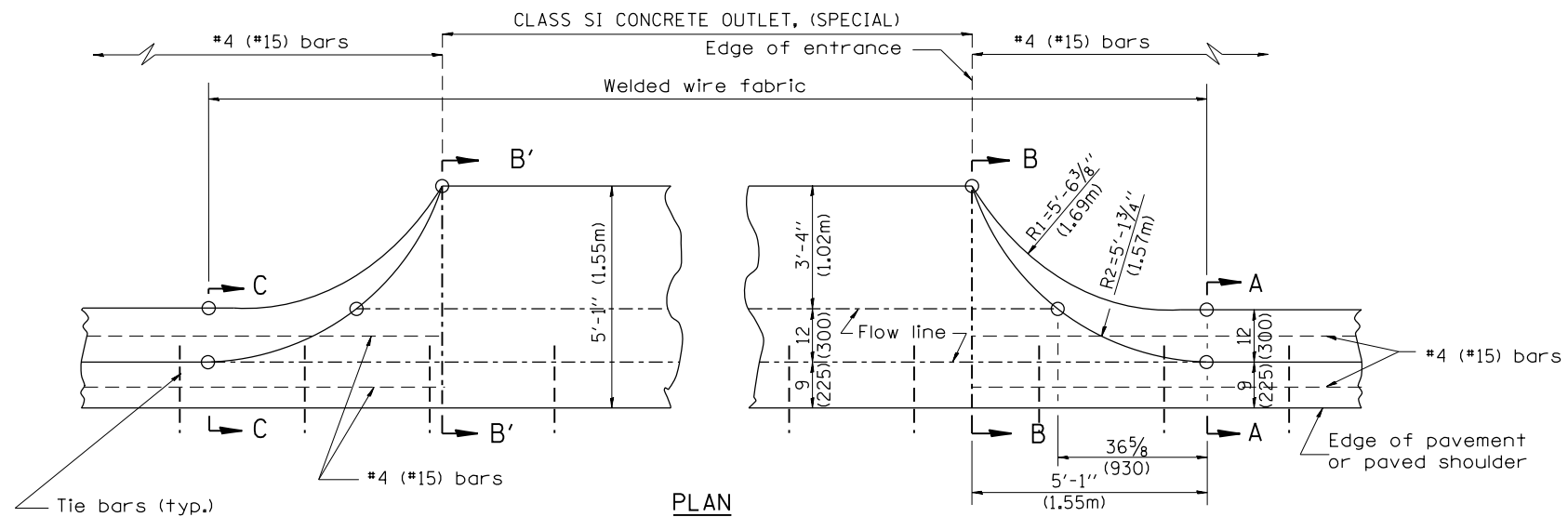
NOT TO SCALE

SHT. 2 OF 3
 CADD STD. 606201-D4

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

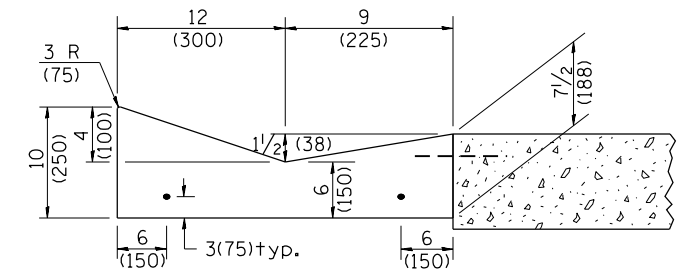
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	30
CONTRACT NO. 68B98				

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

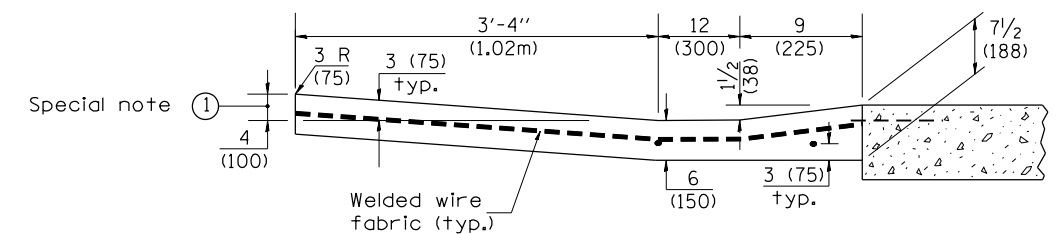


TYPICAL URBAN ENTRANCE

QUANTITY URBAN ENTRANCE
 Section B'-B' to B-B= 0.1 cu. yd./ft.
 Section C-C to B'-B' + B-B to A-A= 0.69 cu. yd.



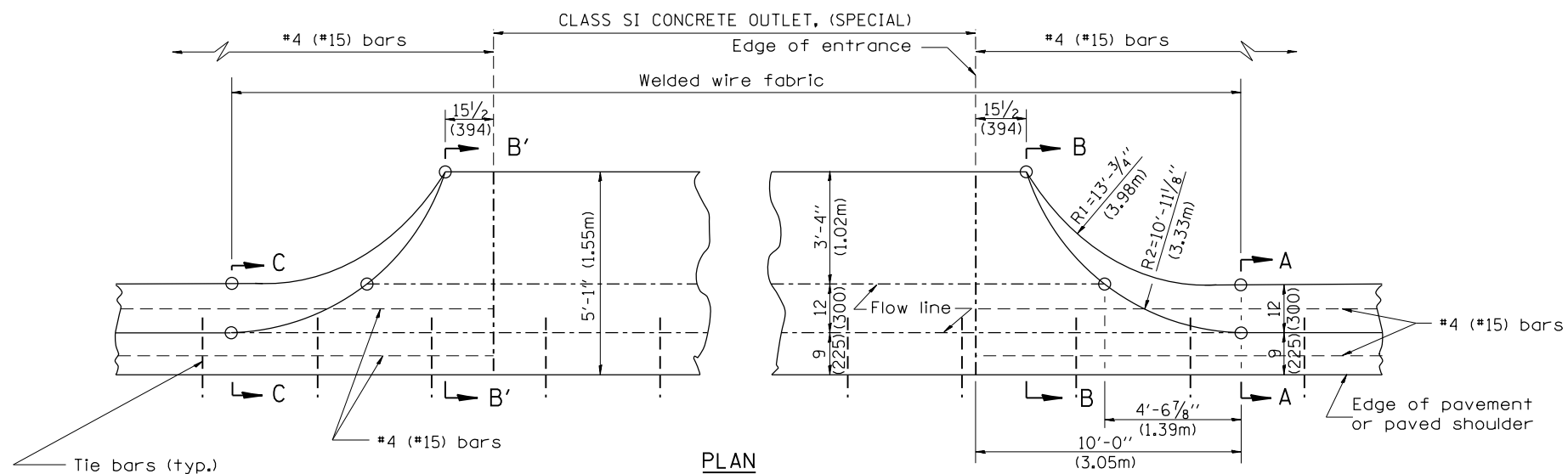
SECTION A-A & C-C



SECTION B-B & B'-B'

Special note ①

SPECIAL NOTES:
 ① 4 (100) is the normal dimension. If specified in the plans, the following shall be used for improved entrance match-up: Minimum - 2 1/2 (65) Maximum - 5 (125)



TYPICAL RURAL ENTRANCE

QUANTITY RURAL ENTRANCE
 Section B'-B' to B-B= 0.1 cu. yd./ft.
 Section C-C to B'-B' + B-B to A-A= 1.19 cu. yd.

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

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

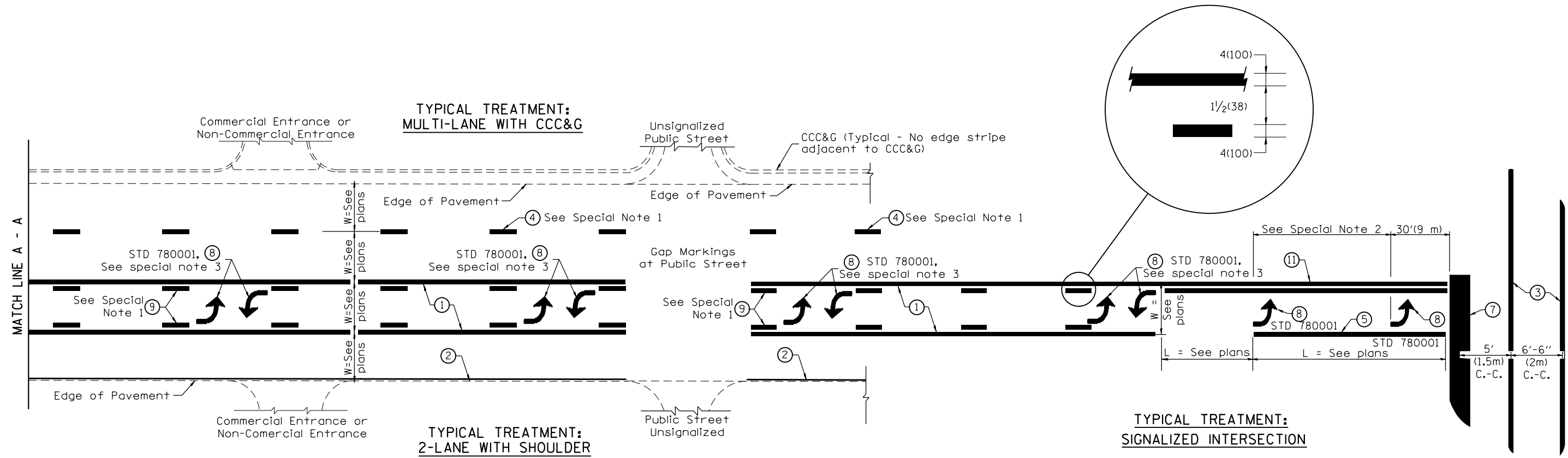
CONCRETE GUTTER, TYPE B, (SPECIAL)
 (INLET, OUTLET & ENTRANCE)

NOT TO SCALE

SHT. 3 OF 3
 CADD STD. 606201-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101, 111)RS-3	KNOX	33	31
CONTRACT NO. 68B98				
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.		

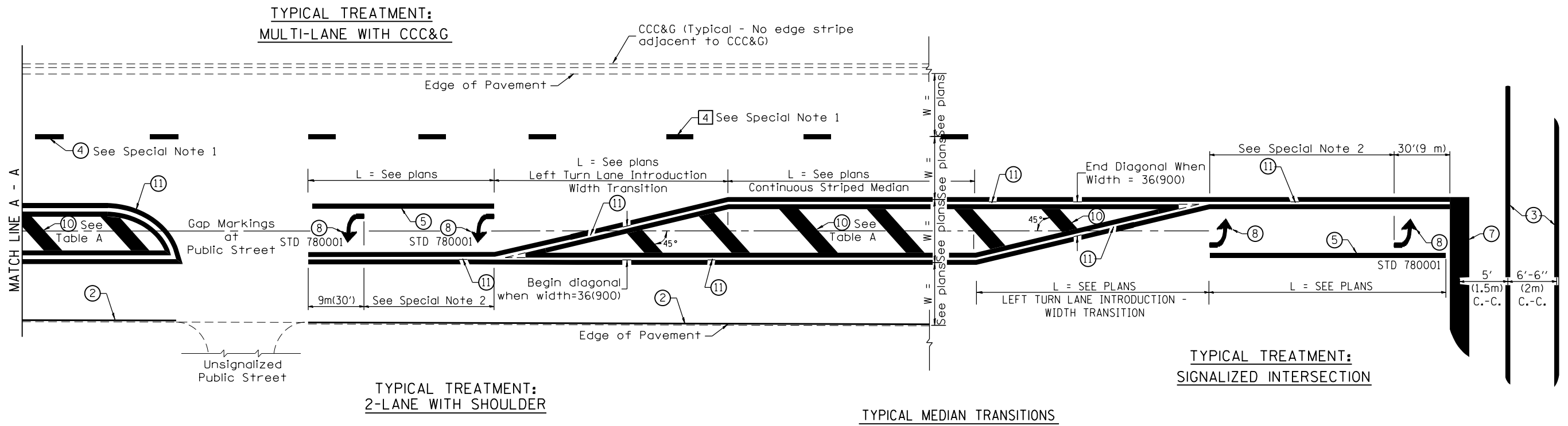
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 780001-D4

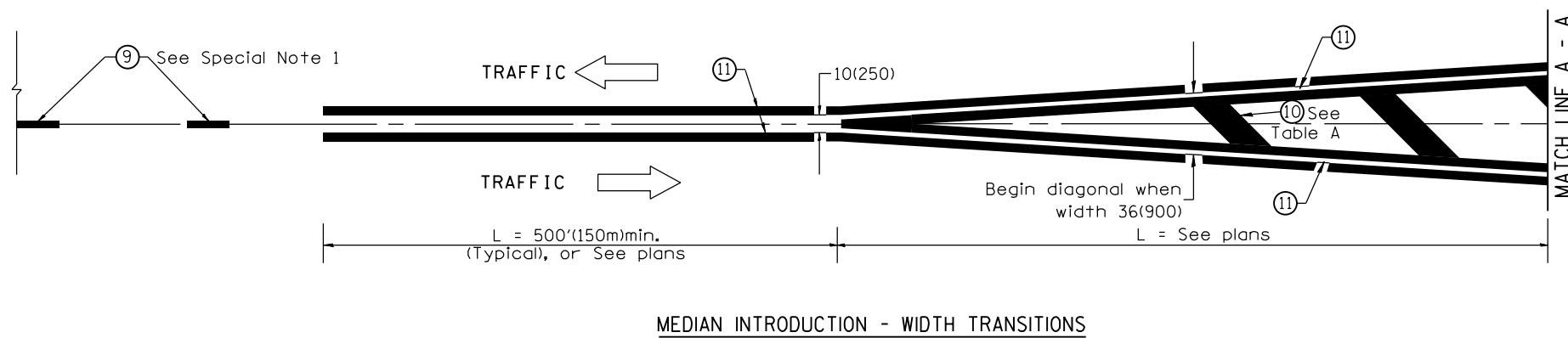
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	(101,111)RS-3	KNOX	33	32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B98	



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.