

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

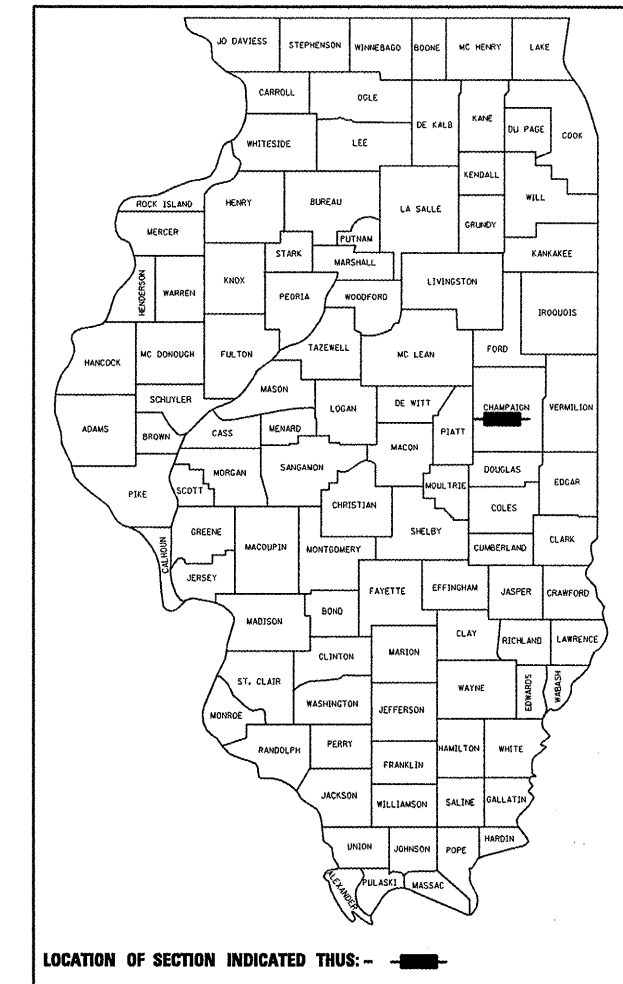
F.A.P. ROUTE 725 (IL 10)  
SECTION (32R,Z)RS-4  
PROJECT ESP-0725(005)  
RESURFACING (3P) COLD MILLING  
CHAMPAIGN COUNTY

C-95-066-09

MATTIS AVENUE TO PROSPECT AVENUE IN CHAMPAIGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,Z)RS-4	CHAMPAIGN	35	1
ILLINOIS		CONTRACT NO. 70782		

D-95-066-09



LOCATION OF SECTION INDICATED THUS: ———

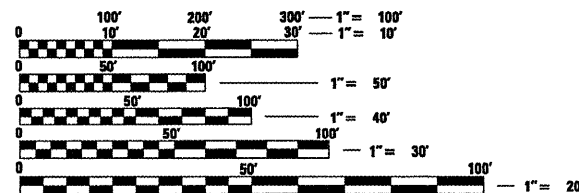
FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR SUMMARY OF QUANTITIES SEE SHEET NO. 4 & 5

**CURRENT ADT/DESIGN ADT**

CURRENT ADT 16,300 (2009)/  
DESIGN ADT 17,900 (2019)

**DESIGN DESIGNATION**

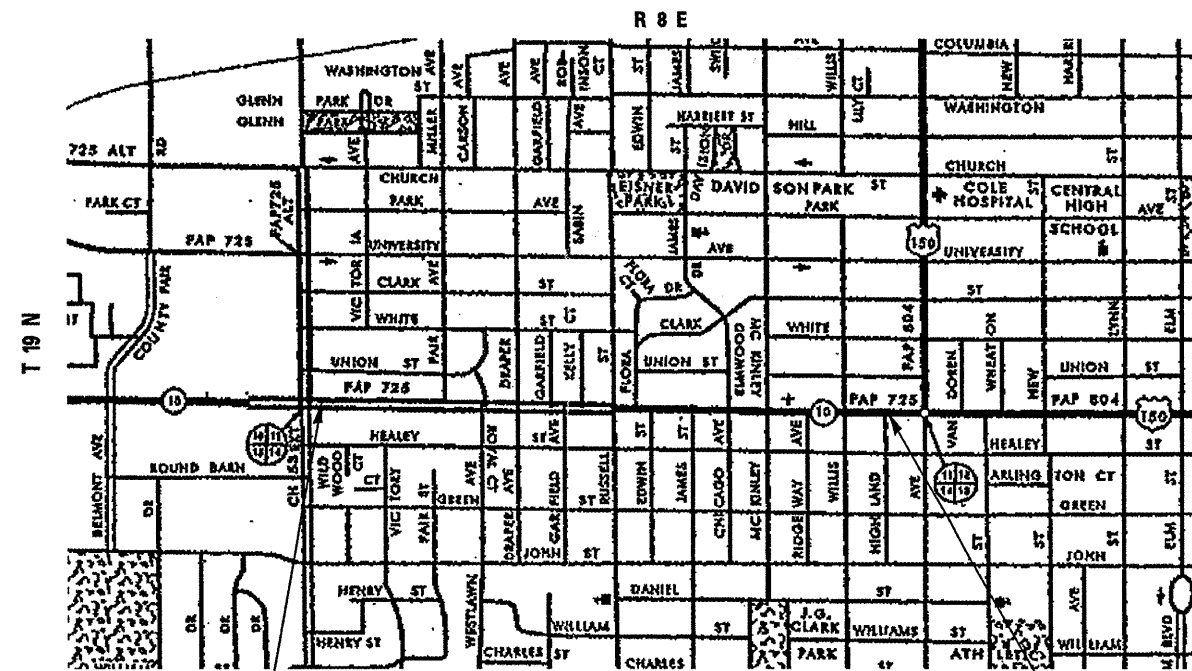
NA



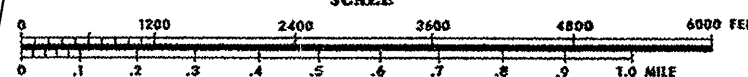
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: NANCY FASIG  
SQUAD LEADER: BRIAN J. HOGAN  
(217)-465-4181  
CONTRACT NO. 70782



PROJECT BEGINS:  
STA. 320+09.70



PROJECT ENDS:  
STA. 366+38.17

GROSS LENGTH = 4,628.47 FT. = 0.877 MILE  
NET LENGTH = 4,628.47 FT. = 0.877 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 10/20 20 09  
Joseph E. Rowe  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 4, 20 09  
Charles J. Driscoll  
ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 20 09  
Christine M. Reed  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
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31-34	PAVEMENT MARKING AND MARKERS DETAIL
35	PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING DETAIL

## LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701602-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME = c:\pw_work\PW\DOT\HOGANBJ\d0142445\05782-shr-gennote.dgn	USER NAME = hoganbj 782-shr-gennote.dgn	DESIGNED - ___ DRAWN - ___	REVISED - ___ REVISED - ___	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS	F.A.P. RTE. 725	SECTION (32R,2)RS-4	COUNTY CHAMPAIGN	TOTAL SHEETS 35	SHEET NO. 2
PLOT SCALE = 40,0000' / IN.	PLOT DATE = 10/19/2009	CHECKED - ___ DATE - ___	REVISED - ___ REVISED - ___	SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 70782 ILLINOIS FED. AID PROJECT				

# GENERAL NOTES

**G.N.-100**  
 ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

**G.N.-105.09A**  
 ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

**G.N.-406**  
 THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

**G.N.-406.05b**  
 ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**G.N.-406.10**  
 FOR MULTILANE RESURFACING

WHEN BEGINNING THE RESURFACING WITH NEW MIXTURES FOR LEVELING BINDER, BINDER COURSE, AND SURFACE COURSE MIXTURES, THE WORK WILL BE CONFINED TO THE INSIDE TRAFFIC LANE (PASSING LANE) FIRST. THE WORK WILL REMAIN ON THE INSIDE LANE UNTIL THE MIX HAS BEEN ADJUSTED AND APPROVED BY THE ENGINEER BEFORE ANY RESURFACING IS ALLOWED ON THE OUTSIDE (DRIVING) TRAFFIC LANE(S).

ANY DELAYS OR INCONVENIENCES CAUSED THE CONTRACTOR IN COMPLYING WITH THIS REQUIREMENT WILL BE CONSIDERED INCIDENTAL TO THE VARIOUS HOT-MIX ASPHALT PAY ITEMS, AS SHOWN IN THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**G.N.-406F**  
 THIS JOB INCLUDES LEVELING BINDER OF 1-1/4 INCHES OR GREATER THICKNESS. LOCATIONS OF LEVELING BINDER EQUAL TO OR GREATER THAN 1-1/4 INCHES IN THICKNESS ARE AS FOLLOWS:

STA. 345+45.00 TO STA. 366+38.17 MAINLINE

**G.N.-406F CONTINUED**  
 THE ABOVE LIST MAY NOT BE ALL INCLUSIVE DUE TO CONSTRUCTION VARIATIONS, VARIATIONS BETWEEN PLOTTED CROSS-SECTIONS, OR OTHER REASONS. ALL APPLICABLE REQUIREMENTS OF SECTION 406 OF THE STANDARD SPECIFICATIONS WILL BE ENFORCED FOR ALL LEVELING BINDER CONSTRUCTED 1-1/4 INCHES OR THICKER.

**G.N.-406H**  
 MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	Sprfld Ave	Sprfld Ave	Sprfld Ave	Sprfld Ave
Mixture Use	Level Binder	Surface	Incid	Partial Depth Patching
AC/PG	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22
RAP % (Max)	10	10	10	10
Design Air Voids	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
Mix Comp(Gradation)	IL 9.5	IL 9.5	IL 9.5	IL 19.0
Friction Aggregate	Mix C	Mix D	Mix C	N.A.

**G.N.-442B – PATCHING SCHEDULES**  
 THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

**G.N.-703A**  
 SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

**G.N.-781**  
 RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

NO COMMITMENTS

FILE NAME =	USER NAME = hogenbj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwid\HOGANBJ\0142445\0578782-sht-gerinote.dgn	DRAWN -	REVISED -	725			(32R,Z)RS-4	CHAMPAIGN	35	3	
PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 70782							
PLOT DATE = 10/19/2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										

## SUMMARY OF QUANTITIES (SHEET 1 OF 2)

LOCATION OF WORK: FAP 725 (IL 10 - SPRINGFIELD AVE.)  
 URBAN  
 MULTILANE  
 CHAMPAIGN COUNTY  
 STA. 320+09.70 TO 366+38.17  
 MATTIS AVE. TO PROSPECT AVE. IN CHAMPAIGN

FUNDING BREAKOUT: FEDERAL - 100%  
 CONSTRUCTION TYPE CODE: I000

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,485.9
40600300	AGGREGATE (PRIME COAT)	TON	43.4
40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TON	652.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	1,450.0
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL-BUTT JOINT	SQ YD	1,500.0
40600990	TEMPORARY RAMP	SQ YD	78.7
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COARSE, MIX "D", N90	TON	2,281.1
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	300.0
40800030	AGGREGATE (PRIME COAT)	TON	6.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	250.0
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	14,277.0
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	5,836.6
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	23.0
60300405	VALVE BOX FRAMES TO BE ADJUSTED	EACH	16.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3.0
67100100	MOBILIZATION	L SUM	1.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0

## SUMMARY OF QUANTITIES (SHEET 2 OF 2)

LOCATION OF WORK: FAP 725 (IL 10 - SPRINGFIELD AVE.)  
 URBAN  
 MULTILANE  
 CHAMPAIGN COUNTY  
 STA. 320+09.70 TO 366+38.17  
 MATTIS AVE. TO PROSPECT AVE. IN CHAMPAIGN

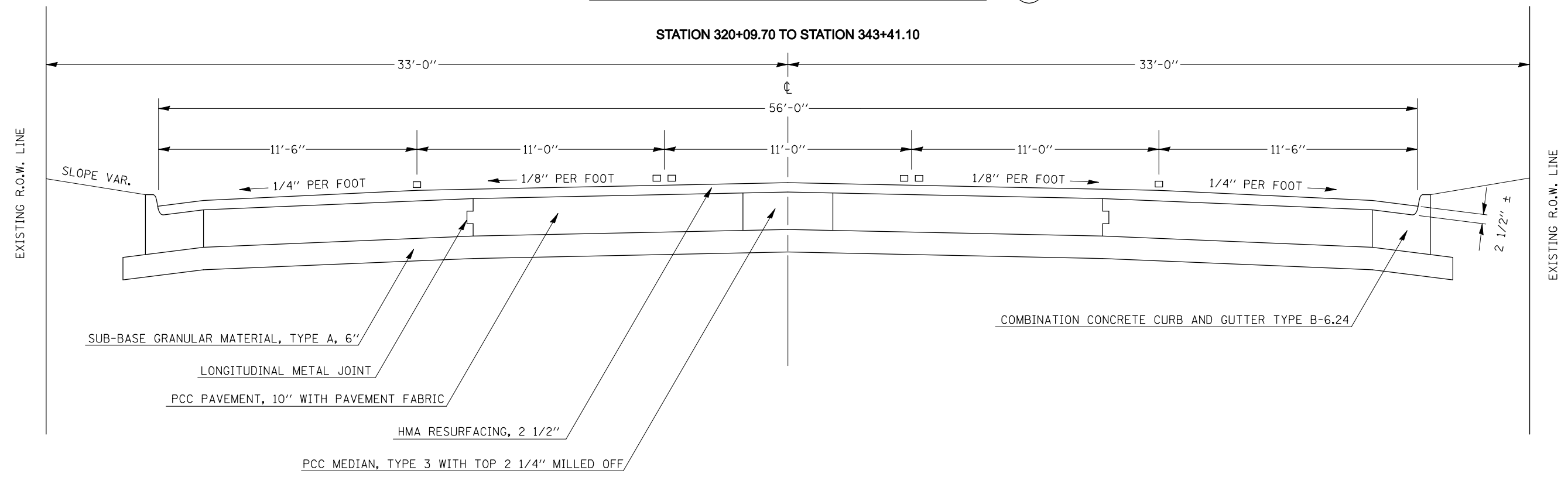
FUNDING BREAKOUT: FEDERAL - 100%  
 CONSTRUCTION TYPE CODE: 1000

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2,352.0
70300210	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	436.8
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	6,745.0
70300240	TEMPORARY PAVEMENT MARKING-LINE 6"	FOOT	348.0
70300260	TEMPORARY PAVEMENT MARKING-LINE 12"	FOOT	68.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3,320.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	436.8
* 78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	6,745.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FOOT	348.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FOOT	68.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	186.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	186.0
X4401705	PARTIAL DEPTH REMOVAL	SQ YD	700.0
X4421000	PARTIAL DEPTH PATCHING	TON	235.0
Z0010900	COLD MILLING (SPECIAL)	FOOT	8,275.0

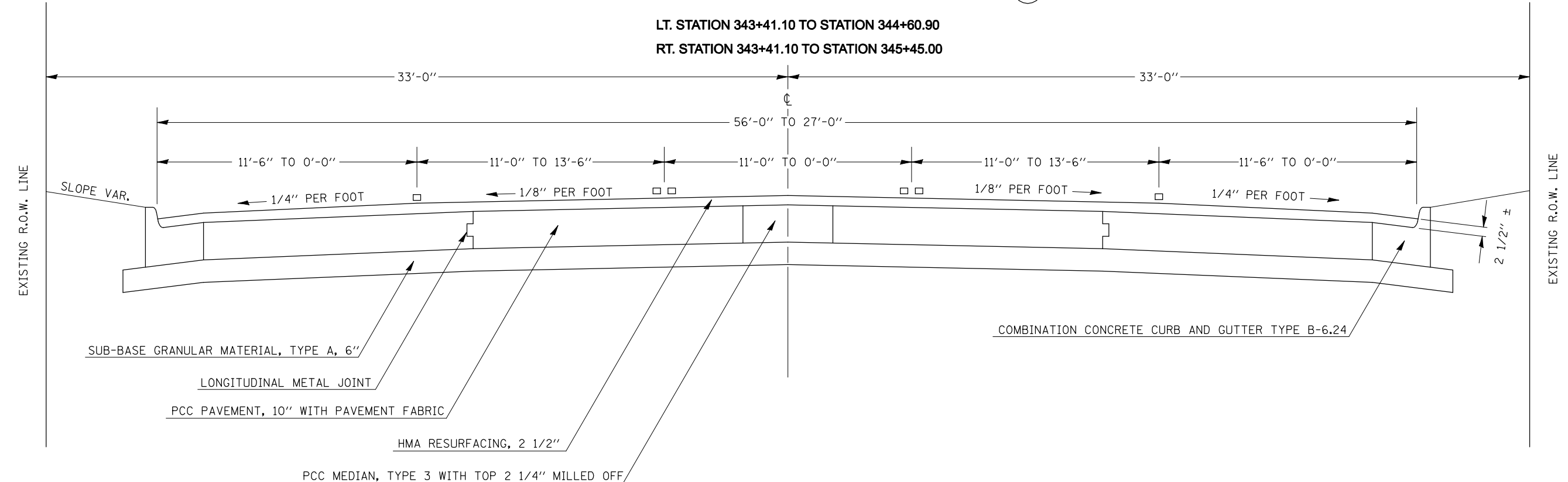
\* DENOTES SPECIALTY ITEM

FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pr_work\FWIDOT\HOGANBJ\d0142445\0570782-shr-S00.dgn		DRAWN -	REVISED -			725	(32R,Z)RS-4	CHAMPAIGN	35	5
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: _____	SHEET NO. ___ OF ___ SHEETS		STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT
	PLOT DATE = 10/19/2009	DATE -	REVISED -							CONTRACT NO. 70782

## EXISTING TYPICAL CROSS SECTION ①



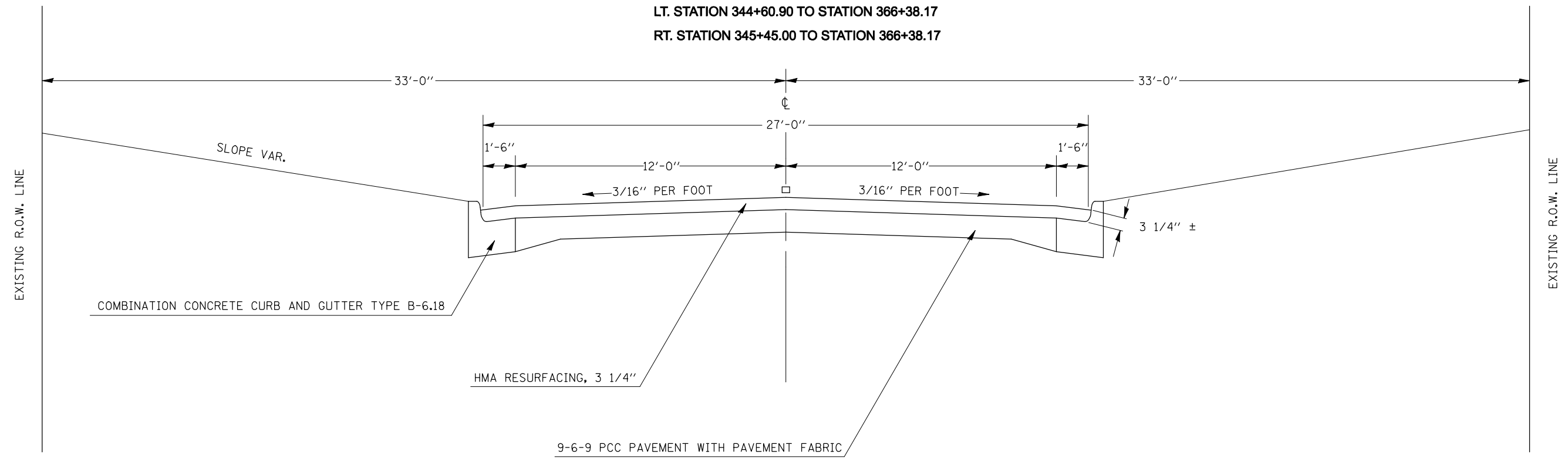
## EXISTING TYPICAL CROSS SECTION ②



FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct\pwork\pwork\HOGANBJ\d0142445\d574782\sh-typical1.s.dgn		DRAWN -	REVISED -		725	(32R,Z)RS-4	CHAMPAIGN	35	6			
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 70782				
PLOT DATE = 10/19/2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

# EXISTING TYPICAL CROSS SECTION ③

LT. STATION 344+60.90 TO STATION 366+38.17  
RT. STATION 345+45.00 TO STATION 366+38.17



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		CHECKED -	REVISED -
		DATE -	REVISED -

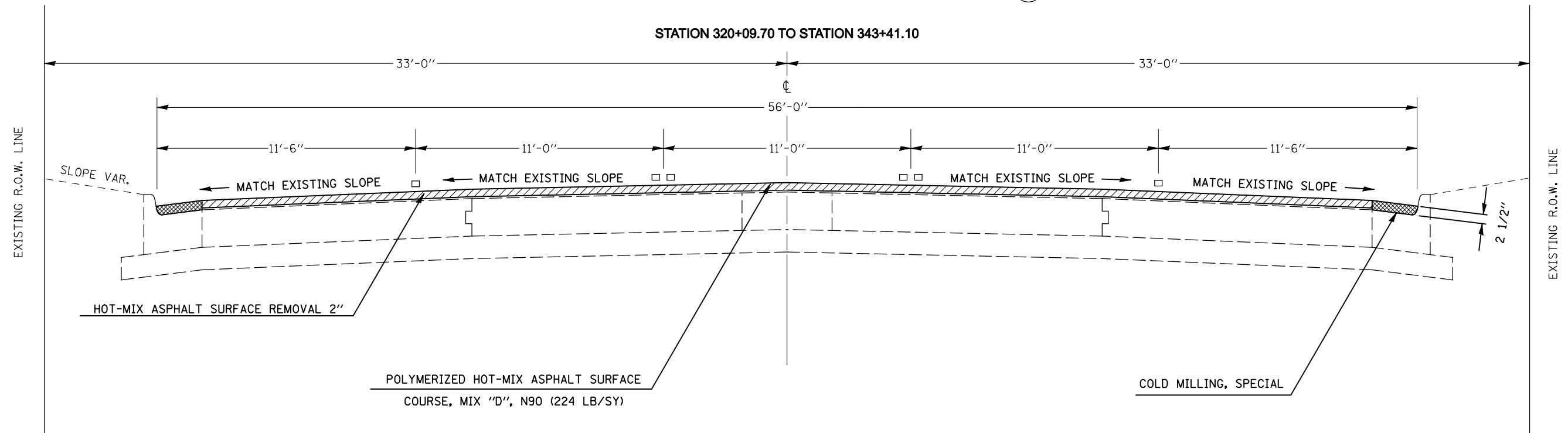
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL CROSS SECTIONS**

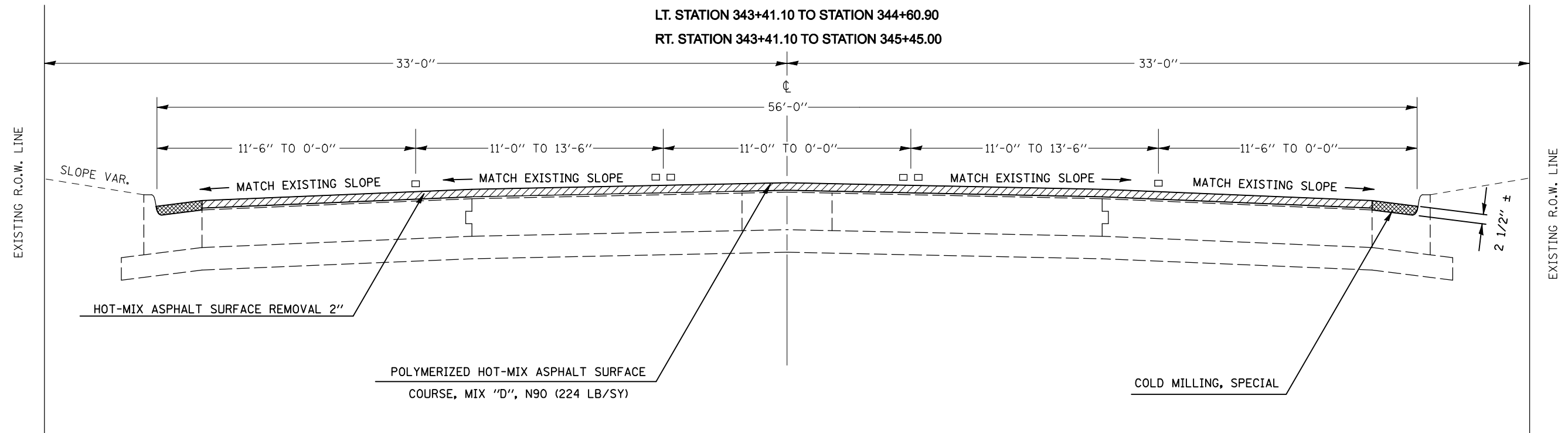
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,Z)RS-4	CHAMPAIGN	35	7
CONTRACT NO. 70782			ILLINOIS FED. AID PROJECT	

## PROPOSED TYPICAL CROSS SECTION ①



## PROPOSED TYPICAL CROSS SECTION ②



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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISD -
PLOT DATE = 10/19/2009		DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL CROSS SECTIONS**

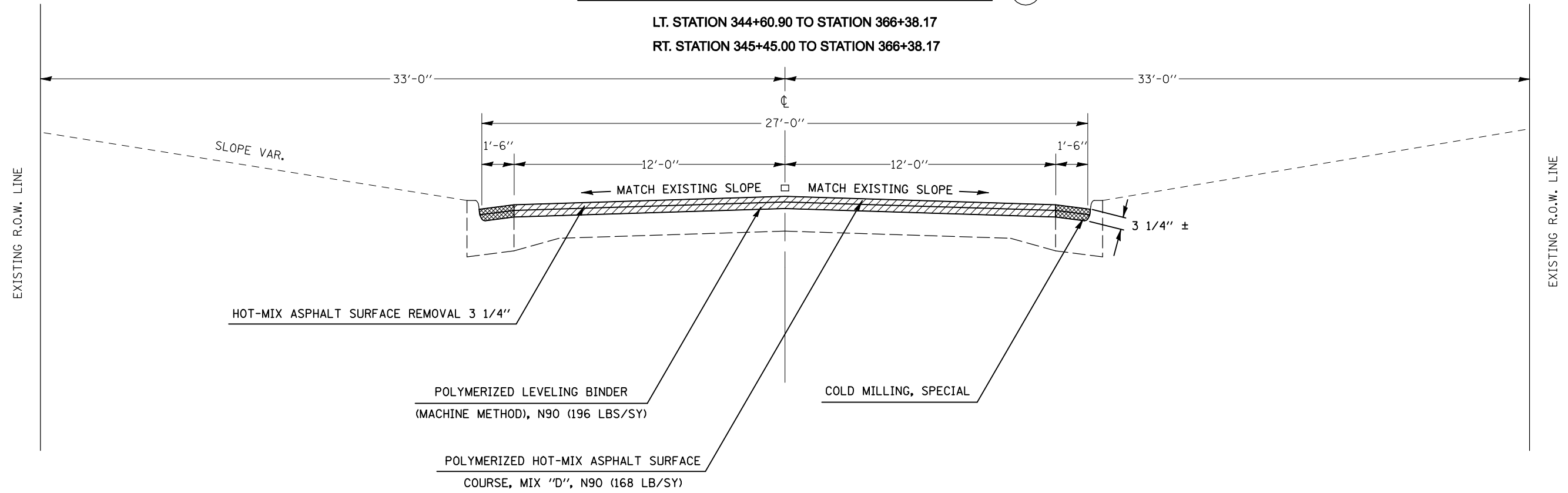
SCALE: \_\_\_\_\_ SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,2)RS-4	CHAMPAIGN	35	8
CONTRACT NO. 70782				
ILLINOIS FED. AID PROJECT				



# PROPOSED TYPICAL CROSS SECTION ③

LT. STATION 344+60.90 TO STATION 366+38.17  
RT. STATION 345+45.00 TO STATION 366+38.17



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ct:\pw\work\PWIDOT\HOGANBJ\d0142445\d574782.sht-typicals.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 10/19/2009		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL CROSS SECTIONS**

SCALE: \_\_\_\_\_ SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,Z)RS-4	CHAMPAIGN	35	9
				CONTRACT NO. 70782
ILLINOIS FED. AID PROJECT				

## SCHEDULE OF QUANTITIES – INCIDENTAL HMA (SHEET 1 OF 3)

	STATION	LT. OR RT.	TYPE	AREA MEAS CADD (SF)	AREA (SY)	40600982 HMA SURFACE REMOVAL, BUTT JOINT	40600985 PCC SURFACE REMOVAL, BUTT JOINT	40800010 BITUMINOUS MATERIALS (PRIME COAT)	40800030 AGGREGATE (PRIME COAT)	40800050 INCIDENTAL HMA SURFACING
NO WORK	320+88.77	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	321+25.42	RT.	C.E.	307.89	34.2	0.0	34.2	3.4	0.07	2.9
	321+79.34	LT.	P.E.	101.74	11.3	0.0	11.3	1.1	0.02	0.9
	321+99.75	LT.	P.E.	98.65	11.0	0.0	11.0	1.1	0.02	0.9
	323+29.09	LT.	P.E.	103.14	11.5	0.0	11.5	1.1	0.02	1.0
	323+37.05	RT.	C.E.	218.70	24.3	0.0	24.3	2.4	0.05	2.0
	324+18.34	LT.	P.E.	91.23	10.1	0.0	10.1	1.0	0.02	0.9
NO MILL	324+21.93	RT.	C.E.	169.03	18.8	0.0	0.0	1.9	0.04	1.6
	324+38.09	LT.	P.E.	91.19	10.1	0.0	10.1	1.0	0.02	0.9
	324+94.81	RT.	C.E.	153.03	17.0	0.0	17.0	1.7	0.03	1.4
	325+60.11	RT.	C.E.	444.12	49.3	0.0	49.3	4.9	0.10	4.1
	325+91.87	LT.	P.E.	116.81	13.0	0.0	13.0	1.3	0.03	1.1
	326+35.99	RT.	C.E.	472.19	52.5	0.0	52.5	5.2	0.10	4.4
	326+40.69	LT.	P.E.	95.09	10.6	0.0	10.6	1.1	0.02	0.9
	327+02.75	RT.	C.E.	192.73	21.4	0.0	21.4	2.1	0.04	1.8
NO WORK	327+82.80	RT.	C.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	328+57.32	LT.	FAIR	1033.97	114.9	114.9	0.0	11.5	0.23	9.7
	329+42.96	RT.	C.E.	218.38	24.3	0.0	24.3	2.4	0.05	2.0
	329+97.78	RT.	C.E.	196.93	21.9	0.0	21.9	2.2	0.04	1.8
NO WORK	330+16.54	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	330+58.34	RT.	C.E.	209.68	23.3	0.0	23.3	2.3	0.05	2.0
NO WORK	330+94.64	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
NO WORK	331+59.13	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	331+66.19	RT.	WESTLAWN	1134.39	126.0	126.0	0.0	12.6	0.25	10.6
	332+18.45	LT.	ROYAL	1175.61	130.6	130.6	0.0	13.1	0.26	11.0
	332+69.13	RT.	P.E.	89.92	10.0	0.0	10.0	1.0	0.02	0.8
	334+66.96	LT.	DRAPER	1115.31	123.9	123.9	0.0	12.4	0.25	10.4
	334+69.10	RT.	DRAPER	1196.71	133.0	133.0	0.0	13.3	0.27	11.2
NO WORK	336+06.02	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	336+35.55	RT.	P.E.	134.31	14.9	0.0	14.9	1.5	0.03	1.3
NO WORK	336+66.07	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	337+48.53	RT.	P.E.	139.62	15.5	0.0	15.5	1.6	0.03	1.3
	337+76.89	LT.	GARFIELD	1011.51	112.4	0.0	112.4	11.2	0.22	9.4
	338+81.08	RT.	GARFIELD	1203.26	133.7	133.7	0.0	13.4	0.27	11.2
NO WORK	339+24.94	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	340+30.10	LT.	KELLY	986.05	109.6	109.6	0.0	11.0	0.22	9.2
	340+63.03	RT.	P.E.	120.84	13.4	0.0	13.4	1.3	0.03	1.1
NO WORK	341+32.87	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	341+45.33	RT.	P.E.	194.73	21.6	0.0	21.6	2.2	0.04	1.8
<b>SHEET 1 SUBTOTALS =</b>					<b>1424.1</b>	<b>871.7</b>	<b>533.6</b>	<b>142.4</b>	<b>2.8</b>	<b>119.6</b>

## SCHEDULE OF QUANTITIES – INCIDENTAL HMA (SHEET 2 OF 3)

	STATION	LT. OR RT.	TYPE	AREA MEAS CADD (SF)	AREA (SY)	40600982 HMA SURFACE REMOVAL, BUTT JOINT	40600985 PCC SURFACE REMOVAL, BUTT JOINT	40800010 BITUMINOUS MATERIALS (PRIME COAT)	40800030 AGGREGATE (PRIME COAT)	40800050 INCIDENTAL HMA SURFACING
	342+01.31	LT.	P.E.	87.19	9.7	0.0	9.7	1.0	0.02	0.8
	342+92.64	LT.	RUSSELL	1049.13	116.6	0.0	116.6	11.7	0.23	9.8
	342+94.47	RT.	RUSSELL	867.65	96.4	96.4	0.0	9.6	0.19	8.1
	344+33.74	RT.	P.E.	218.27	24.3	0.0	24.3	2.4	0.05	2.0
	344+93.41	LT.	FLORA	712.35	79.2	79.2	0.0	7.9	0.16	6.6
	345+33.74	RT.	P.E.	154.61	17.2	0.0	17.2	1.7	0.03	1.4
	346+18.97	RT.	EDWIN	693.75	77.1	0.0	77.1	7.7	0.15	6.5
NO WORK	346+48.23	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	347+51.50	RT.	P.E.	136.79	15.2	0.0	15.2	1.5	0.03	1.3
NO WORK	347+74.51	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	348+03.82	RT.	P.E.	201.08	22.3	0.0	22.3	2.2	0.04	1.9
NO WORK	348+41.16	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	348+57.62	RT.	P.E.	148.20	16.5	0.0	16.5	1.6	0.03	1.4
NO WORK	349+17.46	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	349+51.98	RT.	JAMES	555.51	61.7	0.0	61.7	6.2	0.12	5.2
NO WORK	350+44.45	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	350+45.50	RT.	P.E.	140.86	15.7	0.0	15.7	1.6	0.03	1.3
	351+01.52	RT.	P.E.	164.34	18.3	0.0	18.3	1.8	0.04	1.5
NO WORK	351+15.78	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	351+51.85	RT.	P.E.	113.05	12.6	0.0	12.6	1.3	0.03	1.1
NO WORK	351+63.33	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	352+84.64	RT.	CHICAGO	700.37	77.8	77.8	0.0	7.8	0.16	6.5
	352+86.10	LT.	ELMWOOD	644.62	71.6	71.6	0.0	7.2	0.14	6.0
NO WORK	353+96.09	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	354+17.66	RT.	P.E.	153.21	17.0	0.0	17.0	1.7	0.03	1.4
	354+72.54	RT.	P.E.	154.78	17.2	0.0	17.2	1.7	0.03	1.4
NO WORK	354+94.34	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
	355+26.80	RT.	P.E.	147.70	16.4	0.0	16.4	1.6	0.03	1.4
	356+15.37	LT.	MCKINLEY	762.94	84.8	0.0	84.8	8.5	0.17	7.1
	356+18.11	RT.	MCKINLEY	732.18	81.4	0.0	81.4	8.1	0.16	6.8
	357+74.66	RT.	P.E.	243.94	27.1	0.0	27.1	2.7	0.05	2.3
	357+99.14	RT.	P.E.	205.58	22.8	0.0	22.8	2.3	0.05	1.9
	358+06.74	LT.	P.E.	188.13	20.9	0.0	20.9	2.1	0.04	1.8
	358+34.76	LT.	P.E.	167.34	18.6	0.0	18.6	1.9	0.04	1.6
	358+99.93	LT.	P.E.	226.81	25.2	0.0	25.2	2.5	0.05	2.1
	359+52.25	RT.	RIDGEWAY	881.80	98.0	98.0	0.0	9.8	0.20	8.2
	359+58.50	LT.	P.E.	153.88	17.1	0.0	17.1	1.7	0.03	1.4
	361+30.76	LT.	P.E.	464.40	51.6	0.0	51.6	5.2	0.10	4.3
	361+78.30	RT.	P.E.	140.59	15.6	0.0	15.6	1.6	0.03	1.3
	<b>SHEET 2 SUBTOTALS =</b>				<b>1245.7</b>	<b>423.0</b>	<b>822.9</b>	<b>124.6</b>	<b>2.5</b>	<b>104.6</b>

## SCHEDULE OF QUANTITIES – INCIDENTAL HMA (SHEET 3 OF 3)

STATION	LT. OR RT.	TYPE	AREA MEAS CADD (SF)	AREA (SY)	40600982	40600985	40800010	40800030	40800050
					HMA SURFACE REMOVAL, BUTT JOINT	PCC SURFACE REMOVAL, BUTT JOINT	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	INCIDENTAL HMA SURFACING
362+81.49	LT.	WILLIS	424.03	47.1	0.0	47.1	4.7	0.09	4.0
362+82.77	RT.	WILLIS	583.25	64.8	0.0	64.8	6.5	0.13	5.4
363+76.12	LT.	P.E.	156.71	17.4	0.0	17.4	1.7	0.03	1.5
364+04.84	LT.	P.E.	126.34	14.0	0.0	14.0	1.4	0.03	1.2
NO WORK 365+21.85	RT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
NO WORK 365+26.12	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
NO WORK 365+50.32	LT.	P.E.	NA	0.0	0.0	0.0	0.0	0.00	0.0
366+12.77	RT.	HIGHLAND	1387.17	154.1	154.1	0.0	15.4	0.31	12.9
SHEET 3 SUBTOTALS =				297.5	154.1	143.3	29.8	0.6	25.0

SHEET 1 SUBTOTALS =	1,424.1	871.7	533.6	142.4	2.8	119.6
SHEET 2 SUBTOTALS =	1,245.7	423.0	822.9	124.6	2.5	104.6
SHEET 3 SUBTOTALS =	297.5	154.1	143.3	29.8	0.6	25.0

TOTAL =	2,967.3	1,448.8	1,499.8	296.7	5.9	249.2
ROUND TO:	NA	1,450.0	1,500.0	300.0	6.0	250.0

## SCHEDULE OF QUANTITIES – MANHOLE & VALVE ADJ. (SHEET 1 OF 2)

	STATION	OFFSET	TYPE	60300305 FRAMES AND LIDS TO BE ADJUSTED (EACH)	60300405 VALVE BOX FRAMES TO BE ADJUSTED (EACH)
NO WORK	320+08.90	26.60' RT.	WATER VALVE	0.0	0.0
NO WORK	320+50.97	7.42' RT.	MANHOLE	0.0	0.0
	321+80.10	12.70' LT.	MANHOLE	1.0	0.0
	322+57.51	7.64' RT.	MANHOLE	1.0	0.0
	324+48.97	9.00' RT.	MANHOLE	1.0	0.0
NO WORK	325+27.14	7.91' RT.	MANHOLE	0.0	0.0
NO WORK	325+33.27	12.95' LT.	MANHOLE	0.0	0.0
NO WORK	325+54.53	27.74' RT.	TELEPHONE MANHOLE	0.0	0.0
NO WORK	326+05.50	8.25' RT.	MANHOLE	0.0	0.0
	326+53.61	32.22' RT.	WATER VALVE	0.0	1.0
	328+38.03	19.68' RT.	WATER VALVE	0.0	1.0
	328+42.50	33.48' LT.	WATER VALVE	0.0	1.0
NO WORK	328+82.68	13.16' LT.	MANHOLE	0.0	0.0
NO WORK	329+70.18	7.64' RT.	MANHOLE	0.0	0.0
	329+97.90	10.27' LT.	MANHOLE	1.0	0.0
	331+34.09	26.54' RT.	WATER VALVE	0.0	1.0
	331+61.18	8.31' RT.	MANHOLE	1.0	0.0
	331+72.46	10.09' LT.	MANHOLE	1.0	0.0
	331+73.48	17.77' RT.	MANHOLE	1.0	0.0
	331+77.77	33.42' RT.	MANHOLE	1.0	0.0
	331+84.27	35.03' RT.	WATER VALVE	0.0	1.0
	331+86.30	28.00' RT.	WATER VALVE	0.0	1.0
NO WORK	332+19.12	20.47' LT.	MANHOLE	0.0	0.0
	332+30.39	11.70' LT.	MANHOLE	1.0	0.0
NO WORK	332+32.61	20.07' LT.	MANHOLE	0.0	0.0
NO WORK	333+23.09	9.21' LT.	MANHOLE	0.0	0.0
	334+46.12	21.22' RT.	WATER VALVE	0.0	1.0
NO WORK	334+54.29	29.18' RT.	TELEPHONE MANHOLE	0.0	0.0
	334+64.60	29.49' RT.	MANHOLE	1.0	0.0
	334+80.55	19.20' RT.	MANHOLE	1.0	0.0
	334+87.02	34.82' LT.	WATER VALVE	0.0	1.0
	334+91.02	21.03' RT.	WATER VALVE	0.0	1.0
	334+93.71	19.48' LT.	MANHOLE	1.0	0.0
NO WORK	334+94.78	8.11' RT.	MANHOLE	0.0	0.0
NO WORK	336+11.95	13.09' LT.	MANHOLE	0.0	0.0
	337+23.72	8.41' RT.	MANHOLE	1.0	0.0
	337+24.10	17.37' RT.	MANHOLE	1.0	0.0
	337+59.27	20.12' LT.	MANHOLE	1.0	0.0
	337+92.72	13.31' LT.	MANHOLE	1.0	0.0
<b>SHEET 1 SUBTOTALS =</b>				<b>16.0</b>	<b>9.0</b>

FILE NAME =	USER NAME = hoganbj	DESIGNED - ---	REVISED - ---
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		CHECKED - ---	REVISED - ---
		DATE - ---	REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>	
SCALE: -----	SHEET NO. ___ OF ___ SHEETS
STA. ----- TO STA. -----	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,Z)RS-4	CHAMPAIGN	35	13
CONTRACT NO. 70782				
ILLINOIS FED. AID PROJECT				

## SCHEDULE OF QUANTITIES – MANHOLE & VALVE ADJ. (SHEET 2 OF 2)

	STATION	OFFSET	TYPE	60300305 FRAMES AND LIDS TO BE ADJUSTED (EACH)	60300405 VALVE BOX FRAMES TO BE ADJUSTED (EACH)
	337+96.85	20.05' LT.	MANHOLE	1.0	0.0
	338+78.50	7.96' RT.	MANHOLE	1.0	0.0
	338+91.90	12.69' LT.	MANHOLE	1.0	0.0
	338+99.12	20.24' RT.	MANHOLE	1.0	0.0
	339+03.38	24.25' RT.	WATERVALVE	0.0	1.0
NO WORK	340+09.59	8.63' RT.	MANHOLE	0.0	0.0
	340+23.89	20.78' RT.	WATERVALVE	0.0	1.0
NO WORK	340+31.89	19.69' RT.	MANHOLE	0.0	0.0
NO WORK	340+32.54	13.05' LT.	MANHOLE	0.0	0.0
	340+87.25	8.58' RT.	MANHOLE	1.0	0.0
NO WORK	342+61.65	13.27' LT.	MANHOLE	0.0	0.0
	342+62.84	20.37' RT.	WATERVALVE	0.0	1.0
	342+67.25	16.31' RT.	WATERVALVE	0.0	1.0
	342+76.12	17.80' RT.	MANHOLE	1.0	0.0
	343+00.50	9.21' RT.	MANHOLE	1.0	0.0
	343+20.53	19.36' RT.	WATERVALVE	0.0	1.0
NO WORK	343+27.41	30.58' RT.	TELEPHONE MANHOLE	0.0	0.0
	343+29.71	20.14' RT.	WATERVALVE	0.0	1.0
	345+10.31	16.55' RT.	WATERVALVE	0.0	1.0
NO WORK	351+95.97	11.03' RT.	TELEPHONE MANHOLE	0.0	0.0
NO WORK	360+65.91	13.52' RT.	TELEPHONE MANHOLE	0.0	0.0
NO WORK	365+92.81	21.74' RT.	MANHOLE	0.0	0.0
	<b>SHEET 2 SUBTOTALS =</b>			7.0	7.0

SHEET 1 SUBTOTALS =	16.0	9.0
SHEET 2 SUBTOTALS =	7.0	7.0
TOTAL =	23.0	16.0

## SCHEDULE OF QUANTITIES – PARTIAL DEPTH PATCHING

### EASTBOUND AND CENTER BI-DIRECTIONAL TURN LANE

STATION	LANE	EXISTING HMA THICKNESS (IN)	LENGTH (FT)	WIDTH (FT)	X4401705 PARTIAL DEPTH REMOVAL (SQ YD)	X4421000 PARTIAL DEPTH PATCHING (TON)
323+06	EBPL	2.5	6.0	12.0	8.0	2.5
323+10	EBDL	2.5	8.0	12.0	10.7	3.3
323+94	CBDTL	2.5	6.0	12.0	8.0	2.5
323+94	EBPL	2.5	6.0	12.0	8.0	2.5
323+94	EBDL	2.5	6.0	12.0	8.0	2.5
335+85	EBPL	2.5	8.0	12.0	10.7	3.3
336+71	EBPL	2.5	10.0	12.0	13.3	4.1
336+71	EBDL	2.5	10.0	12.0	13.3	4.1
337+24	CBDTL	2.5	8.0	12.0	10.7	3.3
337+24	EBPL	2.5	8.0	12.0	10.7	3.3
337+24	EBDL	2.5	8.0	12.0	10.7	3.3
343+20	CBDTL	2.5	8.0	12.0	10.7	3.3
343+20	EBPL	2.5	8.0	12.0	10.7	3.3
343+20	EBDL	2.5	8.0	12.0	10.7	3.3
343+91	EBPL	2.5	20.0	12.0	26.7	8.2
345+90	EB	3.25	20.0	12.0	26.7	9.3
348+08	EB	3.25	20.0	12.0	26.7	9.3
348+76	EB	3.25	6.0	12.0	8.0	2.8
349+29	EB	3.25	6.0	12.0	8.0	2.8
352+06	EB	3.25	30.0	12.0	40.0	14.0
354+38	EB	3.25	6.0	12.0	8.0	2.8
354+68	EB	3.25	6.0	12.0	8.0	2.8
358+24	EB	3.25	10.0	12.0	13.3	4.7
360+69	EB	3.25	16.0	12.0	21.3	7.5
360+86	EB	3.25	6.0	12.0	8.0	2.8
361+51	EB	3.25	6.0	12.0	8.0	2.8
362+48	EB	3.25	8.0	12.0	10.7	3.7
362+96	EB	3.25	6.0	12.0	8.0	2.8
366+03	EB	3.25	6.0	14.0	9.3	3.3
<b>EAST BOUND AND CENTER TURN LANE TOTALS =</b>					<b>374.7</b>	<b>124.0</b>

### WESTBOUND LANES

STATION	LANE	EXISTING HMA THICKNESS (IN)	LENGTH (FT)	WIDTH (FT)	X4401705 PARTIAL DEPTH REMOVAL (SQ YD)	X4421000 PARTIAL DEPTH PATCHING (TON)
324+07	WBPL	2.5	6.0	12.0	8.0	2.5
324+41	WBDL	2.5	16.0	12.0	21.3	6.6
337+24	WBPL	2.5	8.0	12.0	10.7	3.3
337+24	WBDL	2.5	8.0	12.0	10.7	3.3
343+20	WBPL	2.5	8.0	12.0	10.7	3.3
343+20	WBDL	2.5	8.0	12.0	10.7	3.3
346+78	WB	3.25	20.0	12.0	26.7	9.3
348+08	WB	3.25	60.0	12.0	80.0	28.0
348+49	WB	3.25	20.0	12.0	26.7	9.3
348+76	WB	3.25	6.0	12.0	8.0	2.8
349+29	WB	3.25	6.0	12.0	8.0	2.8
349+64	WB	3.25	20.0	12.0	26.7	9.3
354+97	WB	3.25	6.0	12.0	8.0	2.8
360+69	WB	3.25	6.0	12.0	8.0	2.8
360+86	WB	3.25	6.0	12.0	8.0	2.8
361+51	WB	3.25	10.0	12.0	13.3	4.7
362+48	WB	3.25	8.0	12.0	10.7	3.7
362+96	WB	3.25	6.0	12.0	8.0	2.8
366+03	WB	3.25	6.0	14.0	9.3	3.3
<b>WEST BOUND LANE TOTALS =</b>					<b>313.3</b>	<b>106.6</b>

JOB TOTAL X4401705 PARTIAL DEPTH REMOVAL = 313.3 + 374.7 = 688.0 SQ YD  
ROUND TO 700.0 SQ YD

JOB TOTAL X4421000 PARTIAL DEPTH PATCHING = 124.0 + 106.6 = 230.6 TONS  
ROUND TO 235.0 TONS

## SCHEDULE OF QUANTITIES – COLD MILLING (SPECIAL)

**Z0010900**

**24" GUTTER**

STA.	TO	STA.	LT. or RT.	LENGTH (FT)
320+09.70		320+70.81	LT.	61.11
321+05.26		329+97.68	LT.	892.42
330+34.18		330+75.72	LT.	41.54
331+11.73		331+45.71	LT.	33.98
331+72.54		335+93.83	LT.	421.29
336+19.56		339+09.48	LT.	289.92
339+41.44		341+15.61	LT.	174.17
341+49.37		344+60.90	LT.	311.53
320+09.70		327+27.79	RT.	718.09
328+13.34		328+36.08	RT.	22.74
328+94.39		330+85.18	RT.	190.79
331+28.40		345+45.00	RT.	1416.60
<b>24" GUTTER TOTAL =</b>				<b>4574.18</b>

USE 4575.0'

**18" GUTTER**

STA.	TO	STA.	LT. or RT.	LENGTH (FT)
344+60.90		346+33.35	LT.	172.45
346+63.39		347+60.15	LT.	96.76
347+88.64		348+22.83	LT.	34.19
348+61.21		348+92.13	LT.	30.92
349+44.50		350+29.56	LT.	85.06
350+59.31		351+01.20	LT.	41.89
351+30.63		351+46.96	LT.	16.33
351+82.32		353+83.17	LT.	200.85
354+13.22		354+76.86	LT.	63.64
355+13.39		365+08.97	LT.	995.58
345+45.00		365+05.01	RT.	1960.01
<b>18" GUTTER TOTAL =</b>				<b>3697.68</b>

USE 3700.0'

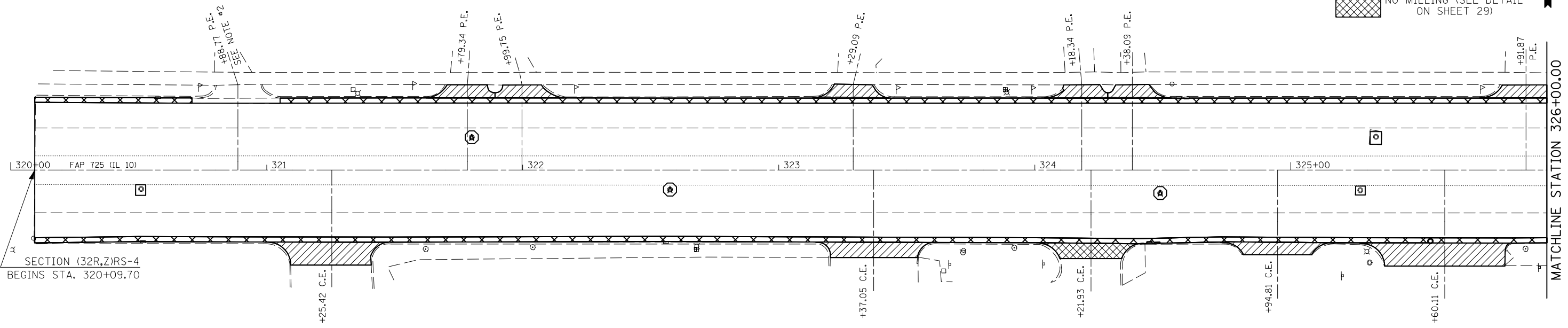
**Z0010900 COLD MILLING (SPECIAL) TOTAL =**  
**4575.0 + 3700.0 = 8,275.0 FEET**

FILE NAME =	USER NAME = hoganbj	DESIGNED - ___	REVISED - ___	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\PWIDOT\HOGANBJ\d0142445\0570782-sht-schedule.dgn		DRAWN - ___	REVISED - ___			725	(32R,Z)RS-4	CHAMPAIGN	35	16	
		CHECKED - ___	REVISED - ___			CONTRACT NO. 70782					
		DATE - ___	REVISED - ___			ILLINOIS FED. AID PROJECT					
				SCALE: _____		SHEET NO. ___ OF ___ SHEETS		STA. _____ TO STA. _____			



SEC. 11, T 19 N, R 12 W, 2ND PM

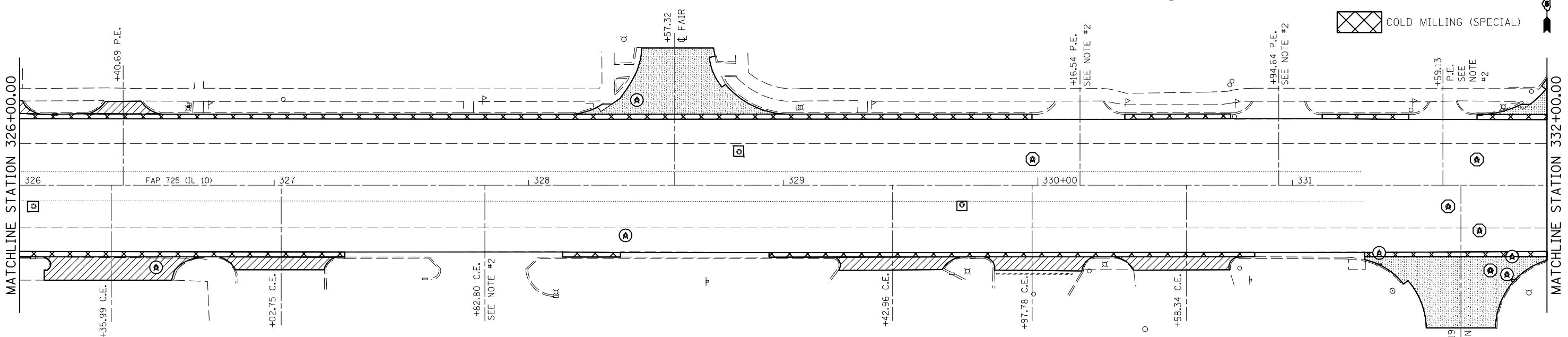
- (A) FRAME AND LID TO BE ADJUSTED
- (A) VALVE BOX FRAME TO BE ADJUSTED
- P.C.C. SURFACE REM., BUTT JOINT
- COLD MILLING (SPECIAL)
- NO MILLING (SEE DETAIL ON SHEET 29)



- NOTES:
- DRAINAGE SHALL BE MAINTAINED THROUGH ALL ENTRANCES.
  - OMIT ALL NEW PCC ENTRANCE GUTTERS FROM MILLING AND RESURFACING
  - SEE SPECIAL PROVISIONS FOR REQUIREMENTS OF OPENING MANHOLES AND WATER VALVE BOXES AFTER RESURFACING IS COMPLETE

SEC. 14, T 19 N, R 12 W, 2ND PM  
SEC. 11, T 19 N, R 12 W, 2ND PM

- (A) FRAME AND LID TO BE ADJUSTED
- (A) VALVE BOX FRAME TO BE ADJUSTED
- P.C.C. SURFACE REM., BUTT JOINT
- H.M.A. SURFACE REM., BUTT JOINT
- COLD MILLING (SPECIAL)



- NOTES:
- DRAINAGE SHALL BE MAINTAINED THROUGH ALL ENTRANCES.
  - OMIT ALL NEW PCC ENTRANCE GUTTERS FROM MILLING AND RESURFACING
  - SEE SPECIAL PROVISIONS FOR REQUIREMENTS OF OPENING MANHOLES AND WATER VALVE BOXES AFTER RESURFACING IS COMPLETE

SEC. 14, T 19 N, R 12 W, 2ND PM

FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEETS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\p\WIDOT\HOGANBJ\d0142445\0570782-sht-plan.dgn		DRAWN -	REVISED -		SCALE: 1"= 20'	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.	725	(32R,Z)RS-4	CHAMPAIGN	35	17
		CHECKED -	REVISED -										
		DATE -	REVISED -										

ILLINOIS FED. AID PROJECT  
CONTRACT NO. 70782

SEC. 11, T 19 N, R 12 W, 2ND PM

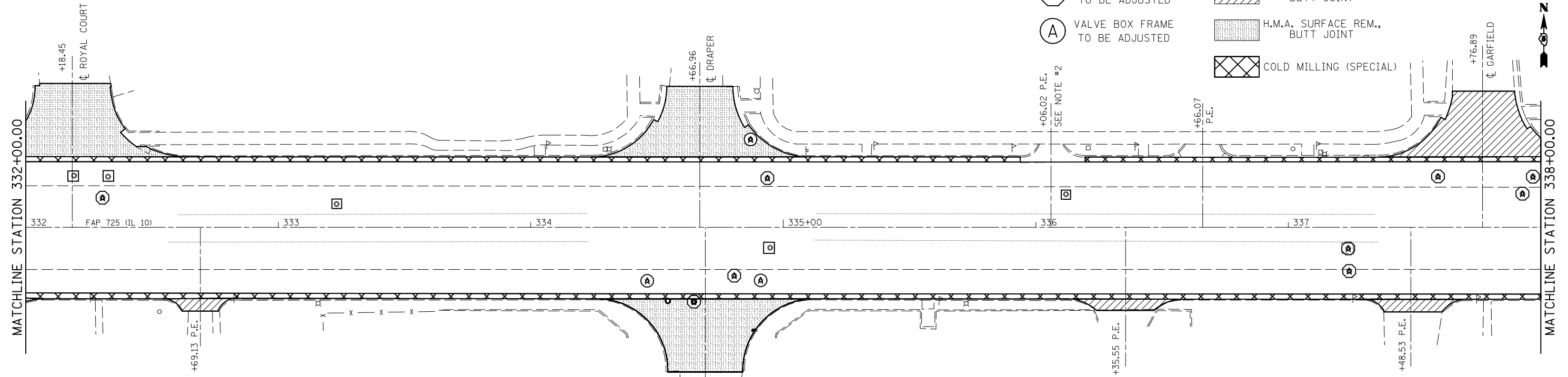
(A) FRAME AND LID TO BE ADJUSTED

P.C.C. SURFACE REM., BUTT JOINT

(A) VALVE BOX FRAME TO BE ADJUSTED

H.M.A. SURFACE REM., BUTT JOINT

COLD MILLING (SPECIAL)



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SEC. 14, T 19 N, R 12 W, 2ND PM

SEC. 11, T 19 N, R 12 W, 2ND PM

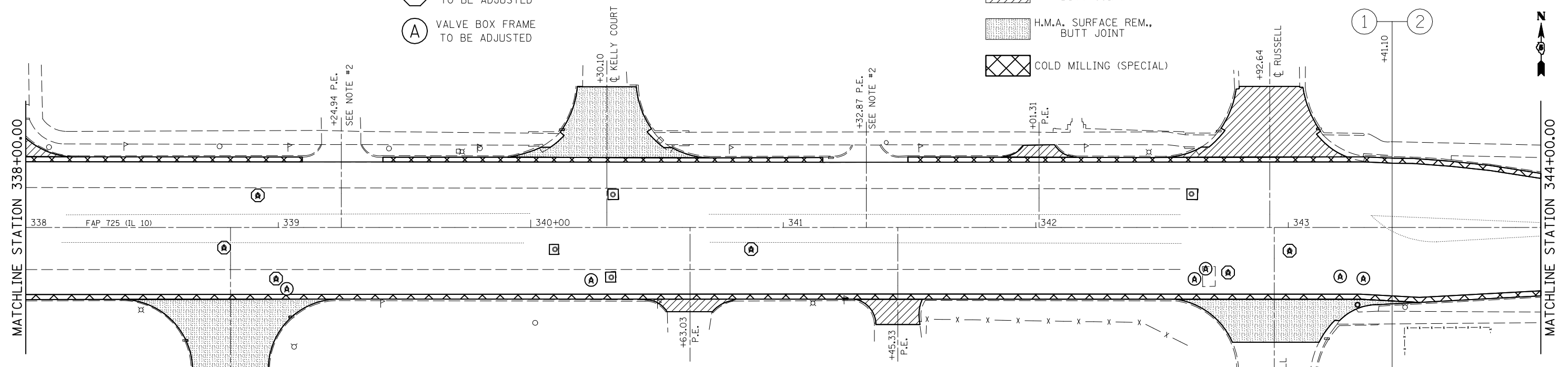
(A) FRAME AND LID TO BE ADJUSTED

P.C.C. SURFACE REM., BUTT JOINT

(A) VALVE BOX FRAME TO BE ADJUSTED

H.M.A. SURFACE REM., BUTT JOINT

COLD MILLING (SPECIAL)



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SEC. 14, T 19 N, R 12 W, 2ND PM

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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 10/19/2009		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 1" = 20' SHEET NO. 2 OF 4 SHEETS STA. TO STA.

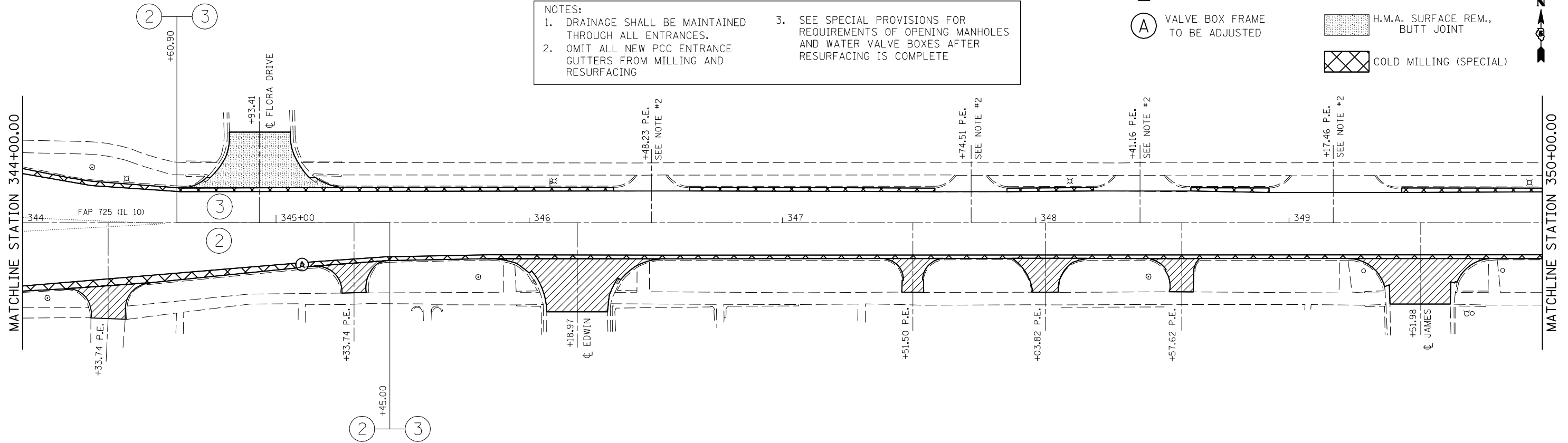
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,Z)RS-4	CHAMPAIGN	35	18
			CONTRACT NO. 70782	
ILLINOIS FED. AID PROJECT				

SEC. 11, T 19 N, R 12 W, 2ND PM

- (A) FRAME AND LID TO BE ADJUSTED
- (A) VALVE BOX FRAME TO BE ADJUSTED

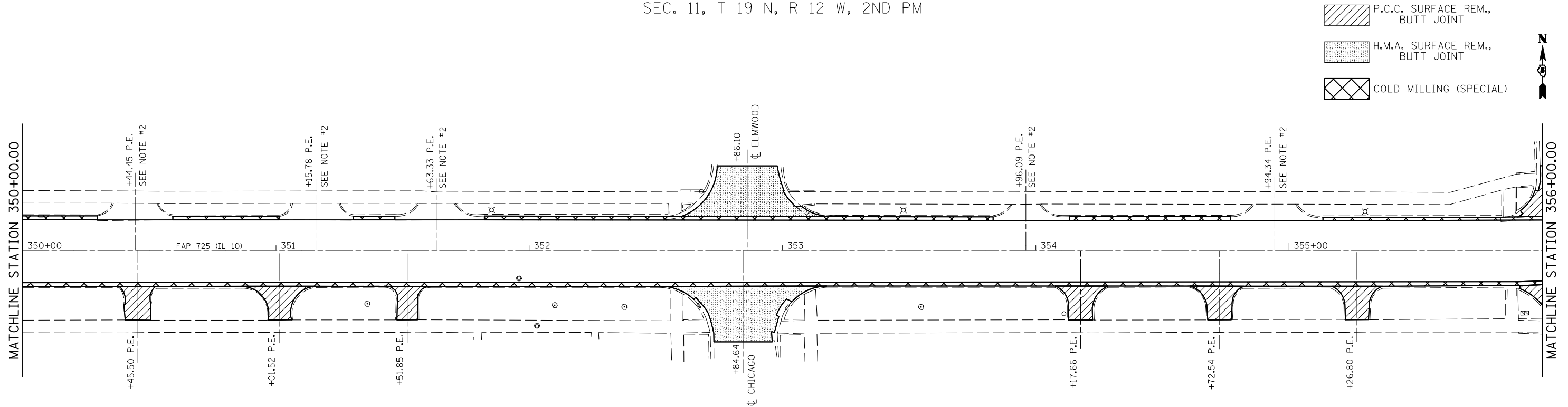
- P.C.C. SURFACE REM., BUTT JOINT
- H.M.A. SURFACE REM., BUTT JOINT
- COLD MILLING (SPECIAL)

NOTES:  
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SEC. 14, T 19 N, R 12 W, 2ND PM  
 SEC. 11, T 19 N, R 12 W, 2ND PM

- P.C.C. SURFACE REM., BUTT JOINT
- H.M.A. SURFACE REM., BUTT JOINT
- COLD MILLING (SPECIAL)



NOTES:  
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SEC. 14, T 19 N, R 12 W, 2ND PM

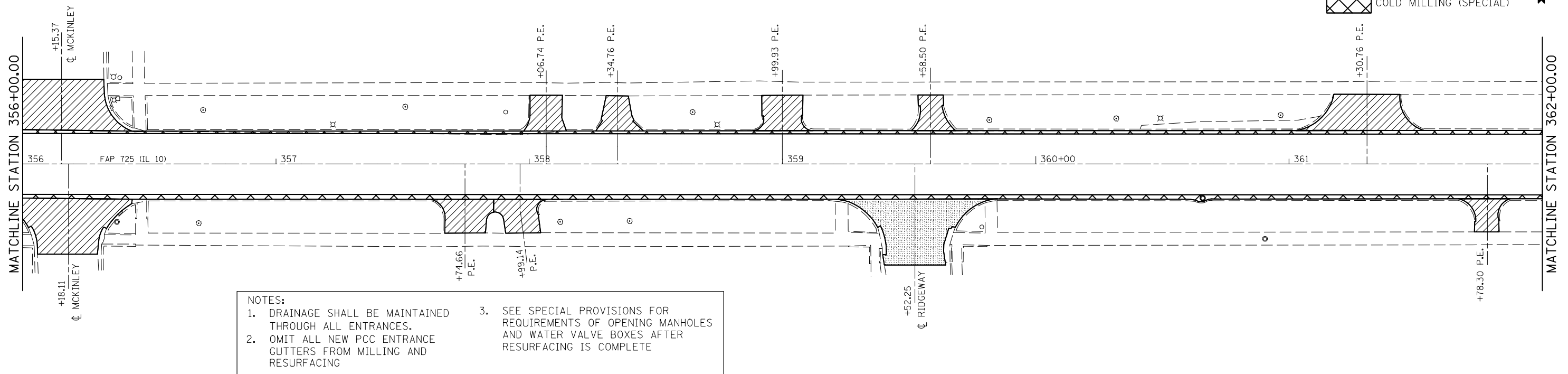
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20'		SHEET NO. 3 OF 4 SHEETS		STA. TO STA.	
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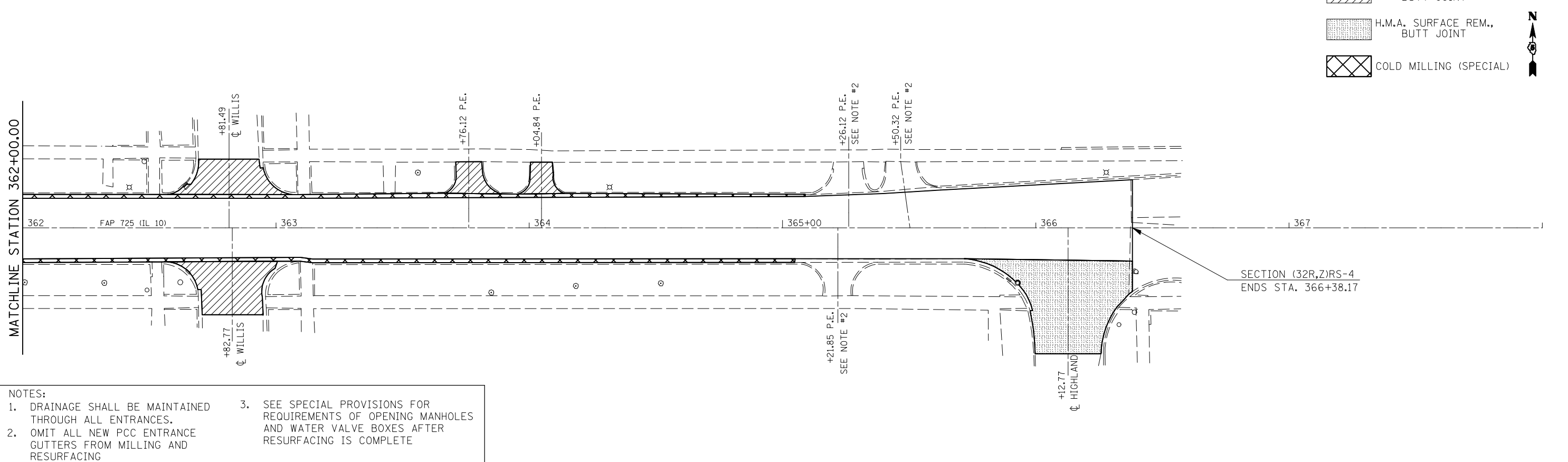
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725	(32R,ZIRS-4	CHAMPAIGN	35	19
CONTRACT NO. 70782				
ILLINOIS FED. AID PROJECT				

SEC. 11, T 19 N, R 12 W, 2ND PM



NOTES:  
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SEC. 14, T 19 N, R 12 W, 2ND PM  
 SEC. 11, T 19 N, R 12 W, 2ND PM



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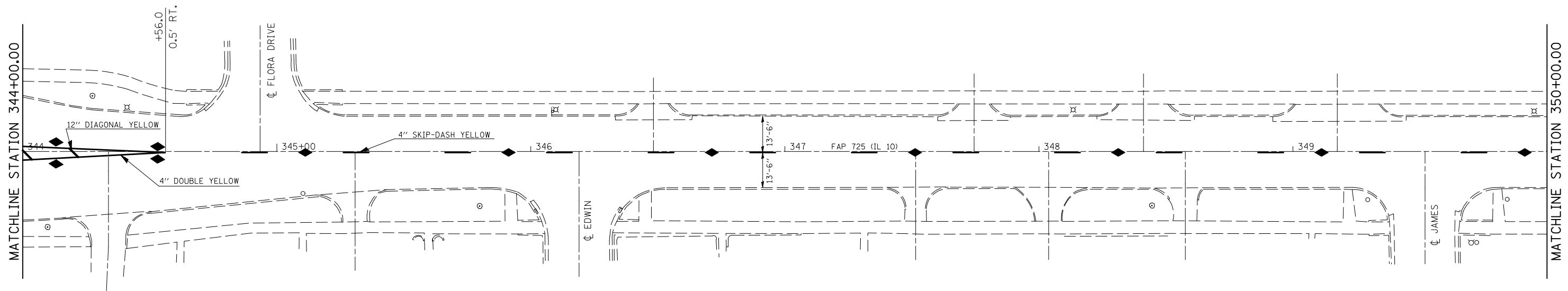
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PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: 1" = 20'	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 70782			
PLOT DATE = 10/19/2009	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

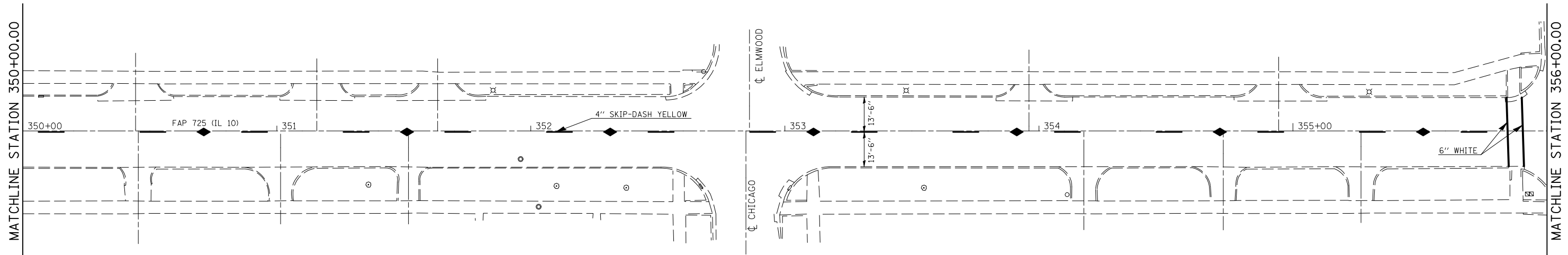




SEC. 11, T 19 N, R 12 W, 2ND PM



SEC. 14, T 19 N, R 12 W, 2ND PM  
 SEC. 11, T 19 N, R 12 W, 2ND PM



SEC. 14, T 19 N, R 12 W, 2ND PM

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PLOT DATE = 10/19/2009		DATE -	REVISED -

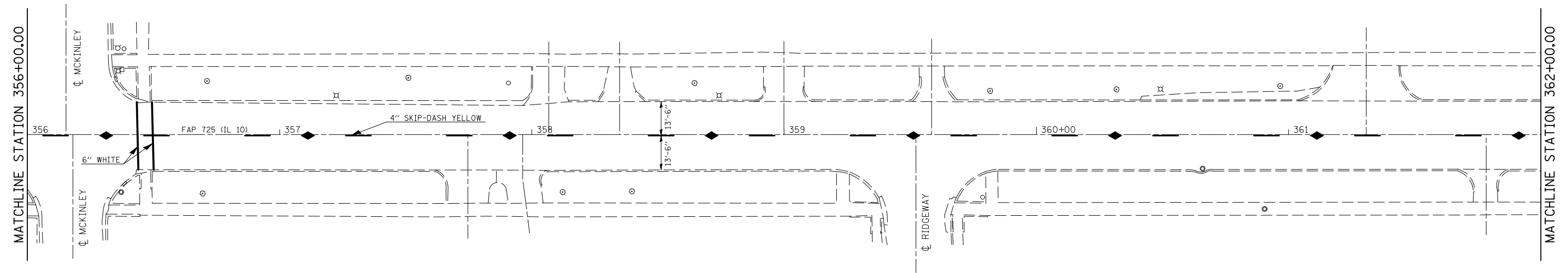
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS**

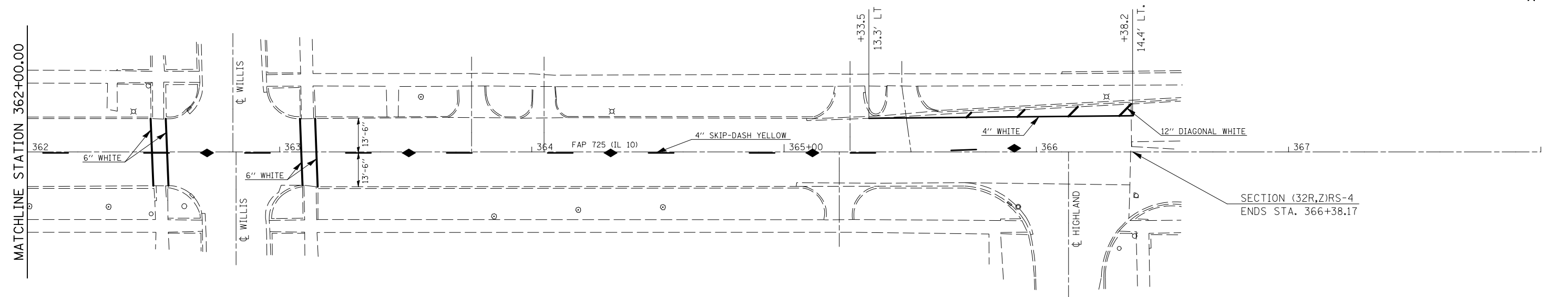
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,2)RS-4	CHAMPAIGN	35	23
CONTRACT NO. 70782				
ILLINOIS FED. AID PROJECT				

SEC. 11, T 19 N, R 12 W, 2ND PM



SEC. 14, T 19 N, R 12 W, 2ND PM  
SEC. 11, T 19 N, R 12 W, 2ND PM

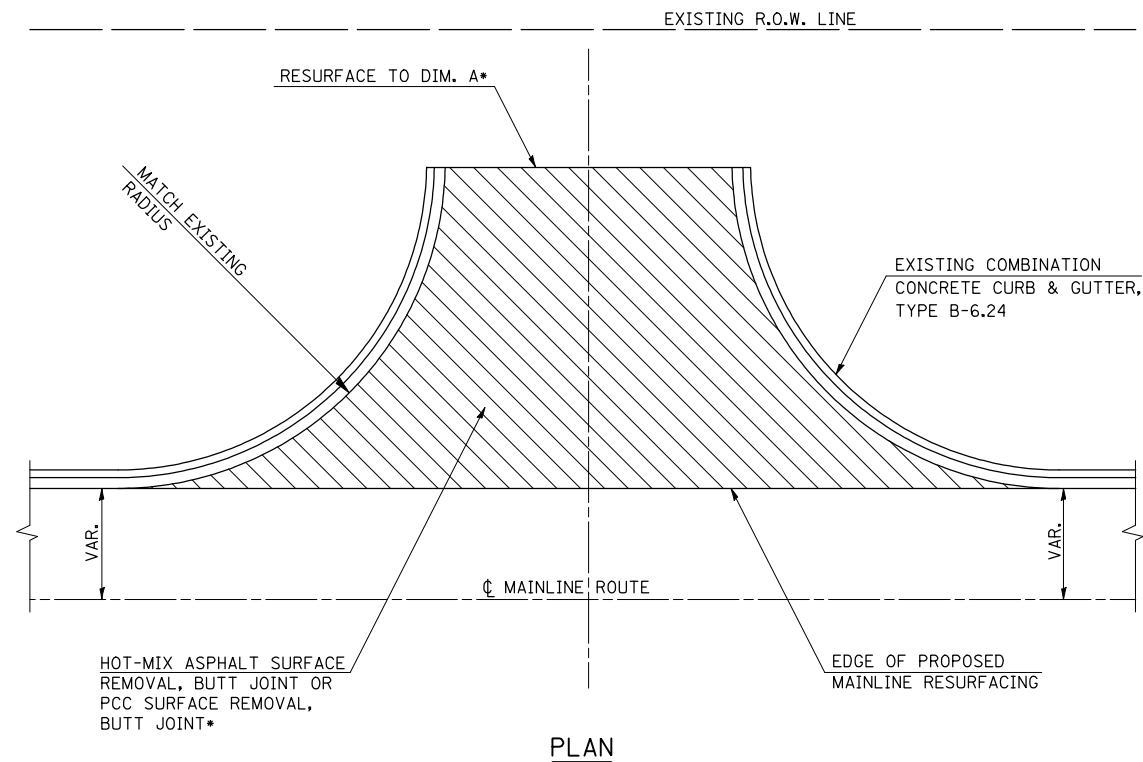


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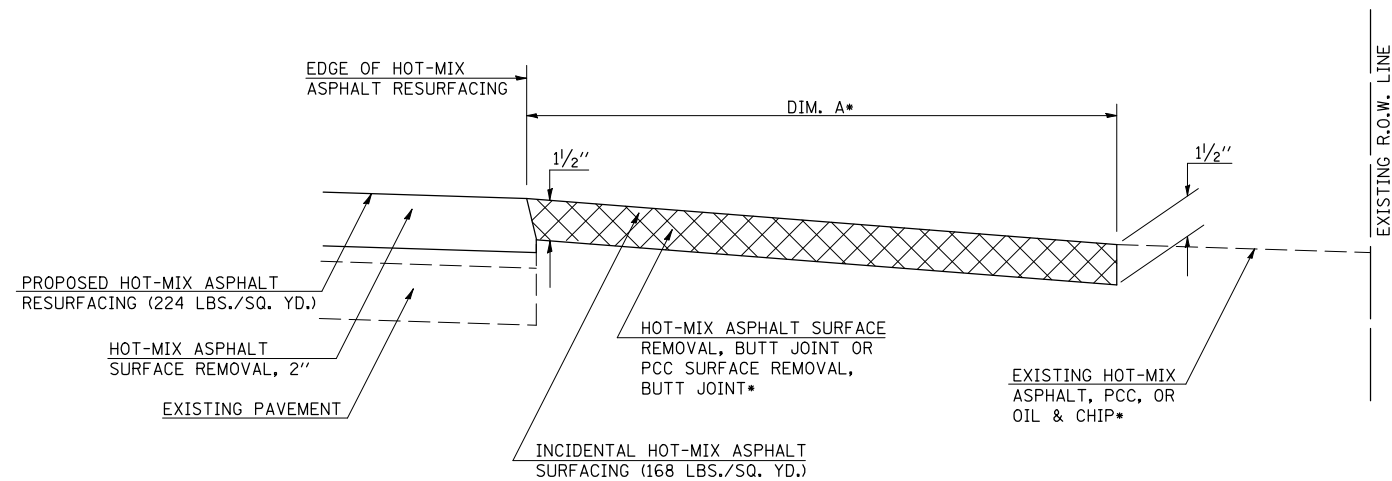
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PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: 1" = 20'	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 70782		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/19/2009	DATE -	REVISED -	REVISED -									



**TYPICAL DETAIL OF SIDEROAD RETURNS**  
**LT. STA. 320 + 09.70 TO LT. STA. 344 + 60.90**  
**RT. STA. 320 + 09.70 TO RT. STA. 345 + 45.00**



PLAN



PROFILE

**GENERAL NOTES**

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING SIDEROADS IN THEIR ENTIRETY. THE EXISTING SIDEROADS SHOULD BE RESURFACED TO MAINTAIN THEIR CURRENT RADII AND SHALL BE RESURFACED TO THE DIM. A SHOWN ON THE THE CHART ON THE RIGHT SIDE OF THIS PAGE.

\*SEE CHART ON RIGHT SIDE OF PAGE FOR A LIST OF SIDEROADS COVERED BY THIS DETAIL, DIMENSIONS AND TYPES OF BUTT JOINTS.

SIDEROAD NAME	STATION	LT OR RT	DIMA*	TYPE OF MILLING
FAIR ST.	328+57.32	LT	26.0 FEET	HMA
WESTLAWN AVE.	331+66.19	RT	28.0 FEET	HMA
ROYAL CT.	332+18.45	LT	29.0 FEET	HMA
DRAPER AVE.	334+66.96	LT	28.0 FEET	HMA
DRAPER AVE.	334+69.10	RT	29.0 FEET	HMA
GARFIELD AVE.	337+76.89	LT	26.0 FEET	PCC
GARFIELD AVE.	338+81.08	RT	29.0 FEET	HMA
KELLY CT.	340+30.10	LT	28.0 FEET	HMA
RUSSELL ST.	342+92.64	LT	28.0 FEET	PCC
RUSSELL ST.	342+94.47	RT	17.0 FEET	HMA

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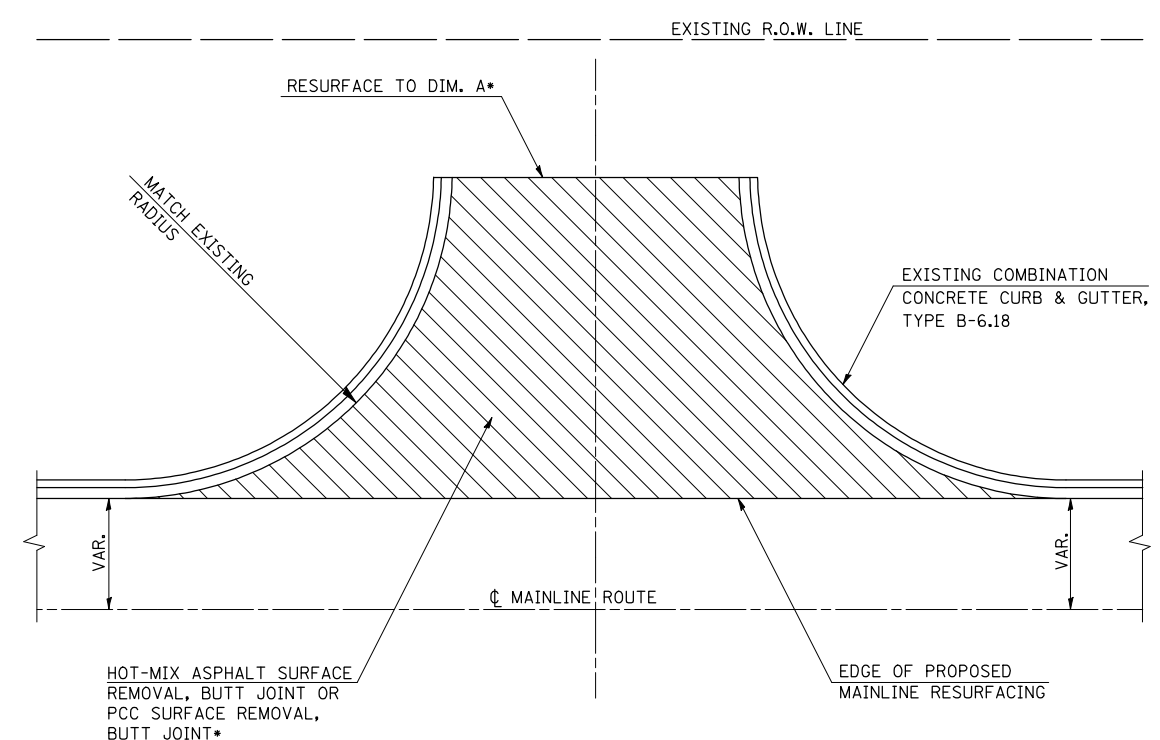
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEROAD RESURFACING DETAILS**

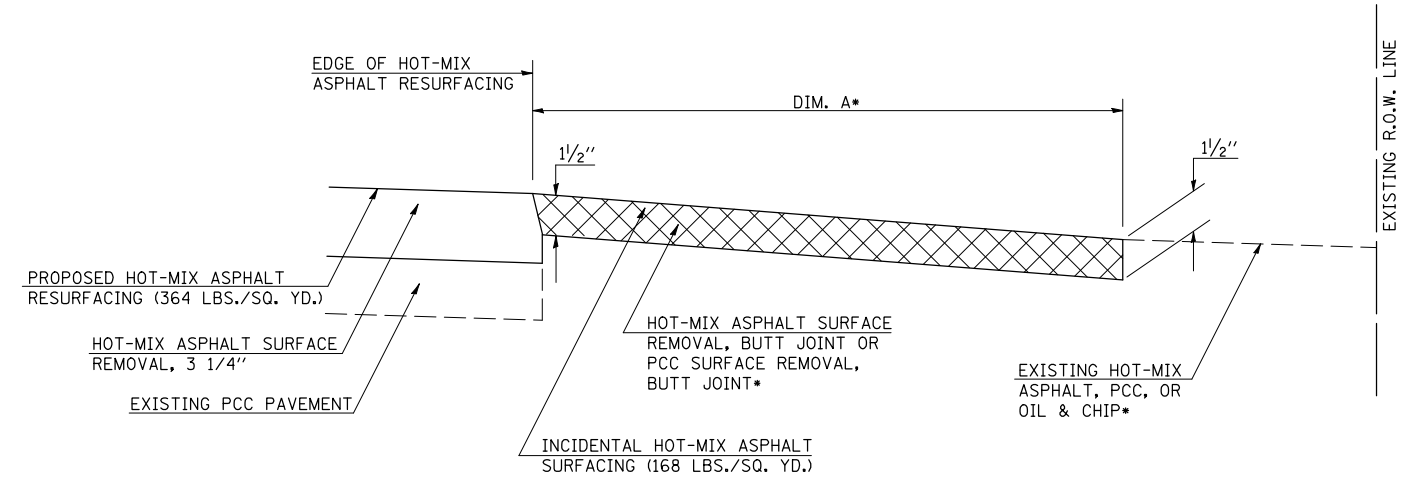
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,Z)RS-4	CHAMPAIGN	35	25
CONTRACT NO. 70782			ILLINOIS FED. AID PROJECT	

**TYPICAL DETAIL OF SIDEROAD RETURNS**  
**LT. STA. 344 + 60.90 TO LT. STA. 366 + 38.17**  
**RT. STA. 345 + 45.00 TO RT. STA. 366 + 38.17**



PLAN



PROFILE

**GENERAL NOTES**

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING SIDEROADS IN THEIR ENTIRETY. THE EXISTING SIDEROADS SHOULD BE RESURFACED TO MAINTAIN THEIR CURRENT RADII AND SHALL BE RESURFACED TO THE DIM. A SHOWN ON THE THE CHART ON THE RIGHT SIDE OF THIS PAGE.

\*SEE CHART ON RIGHT SIDE OF PAGE FOR A LIST OF SIDEROADS COVERED BY THIS DETAIL, DIMENSIONS AND TYPES OF BUTT JOINTS.

SIDEROAD NAME	STATION	LT OR RT	DIMA*	TYPE OF MILLING
FLORA DR.	344+93.41	LT	22.0 FEET	HMA
EDWIN ST.	346+18.97	RT	21.0 FEET	PCC
JAMES ST.	349+51.98	RT	18.0 FEET	PCC
CHICAGO AVE.	352+84.64	RT	22.0 FEET	HMA
ELMWOOD DR.	352+86.10	LT	20.0 FEET	HMA
MCKINLEY ST.	356+15.37	LT	20.0 FEET	PCC
MCKINLEY ST.	356+18.11	RT	22.0 FEET	PCC
RIDGEWAY AVE.	359+52.25	RT	26.0 FEET	HMA
WILLIS AVE.	362+81.49	LT	14.0 FEET	PCC
WILLIS AVE.	362+82.77	RT	21.0 FEET	PCC
HIGHLAND AVE.	366+12.77	RT	37.0 FEET	HMA

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	PLOT DATE = 10/19/2009	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEROAD RESURFACING DETAILS**

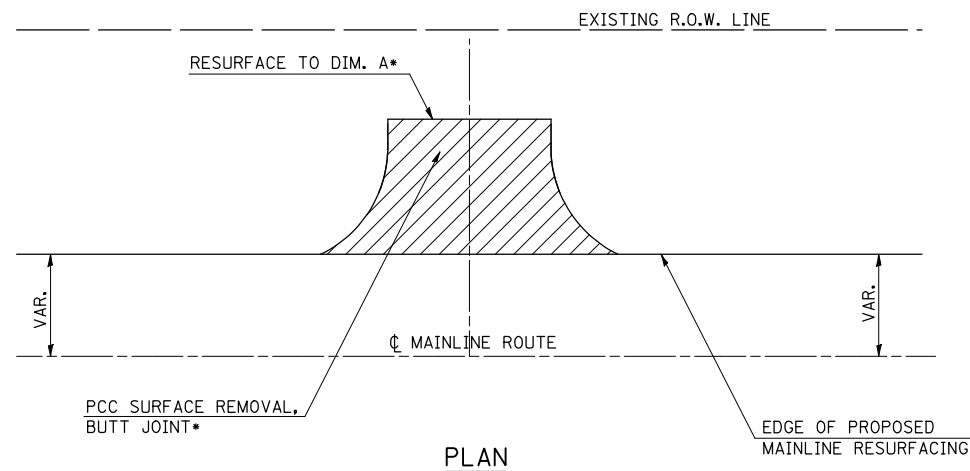
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,Z)RS-4	CHAMPAIGN	35	26
CONTRACT NO. 70782			ILLINOIS FED. AID PROJECT	

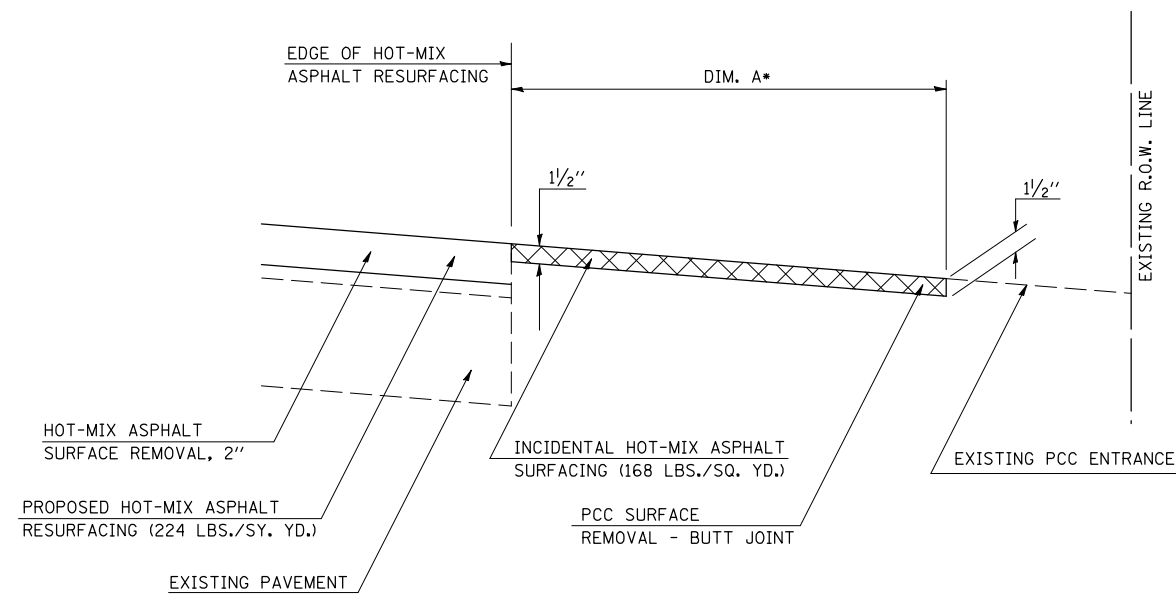
# DETAIL OF PRIVATE AND COMMERCIAL ENTRANCES

**LT. STA. 320+09.70 TO LT. STA. 344+60.90**

**RT. STA. 320+09.70 TO RT. STA. 345+45.00**



**PLAN**



**PROFILE**

### GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING ENTRANCES IN THEIR ENTIRETY. THE EXISTING ENTRANCES SHOULD BE RESURFACED TO MAINTAIN THEIR CURRENT RADII AND SHALL BE RESURFACED TO THE DIM. A SHOWN ON THE CHART ON THE RIGHT SIDE OF THIS PAGE.

\*SEE CHART ON RIGHT SIDE OF PAGE FOR A LIST OF ENTRANCES COVERED BY THIS DETAIL, DIMENSIONS AND TYPES OF BUTT JOINTS.

STATION	LT. OR RT.	TYPE	DIMA	TYPE OF MILLING
321+25.42	RT.	C.E.	9.0 FEET	PCC
321+79.34	LT.	P.E.	TO FRONT OF SIDEWALK	PCC
321+99.75	LT.	P.E.	TO FRONT OF SIDEWALK	PCC
323+29.09	LT.	P.E.	TO FRONT OF SIDEWALK	PCC
323+37.05	RT.	C.E.	6.0 FEET	PCC
324+18.34	LT.	P.E.	TO FRONT OF SIDEWALK	PCC
324+38.09	LT.	P.E.	TO FRONT OF SIDEWALK	PCC
324+94.81	RT.	C.E.	5.0 FEET	PCC
325+60.11	RT.	C.E.	9.0 FEET	PCC
325+91.87	LT.	P.E.	TO FRONT OF SIDEWALK	PCC
326+35.99	RT.	C.E.	9.0 FEET	PCC
326+40.69	LT.	P.E.	TO FRONT OF SIDEWALK	PCC
327+02.75	RT.	C.E.	5.0 FEET	PCC
329+42.96	RT.	C.E.	5.5 FEET	PCC
329+97.78	RT.	C.E.	5.5 FEET	PCC
330+58.34	RT.	C.E.	5.5 FEET	PCC
332+69.13	RT.	P.E.	5.0 FEET	PCC
336+35.55	RT.	P.E.	4.5 FEET	PCC
337+48.53	RT.	P.E.	5.0 FEET	PCC
340+63.03	RT.	P.E.	5.0 FEET	PCC
341+45.33	RT.	P.E.	10.0 FEET	PCC
342+01.31	LT.	P.E.	TO FRONT OF SIDEWALK	PCC
344+33.74	RT.	P.E.	TO BACK OF SIDE WALK	PCC
345+33.74	RT.	P.E.	TO FRONT OF SIDEWALK	PCC

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	PLOT DATE = 10/19/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**P.E. & C.E. RESURFACING DETAILS**

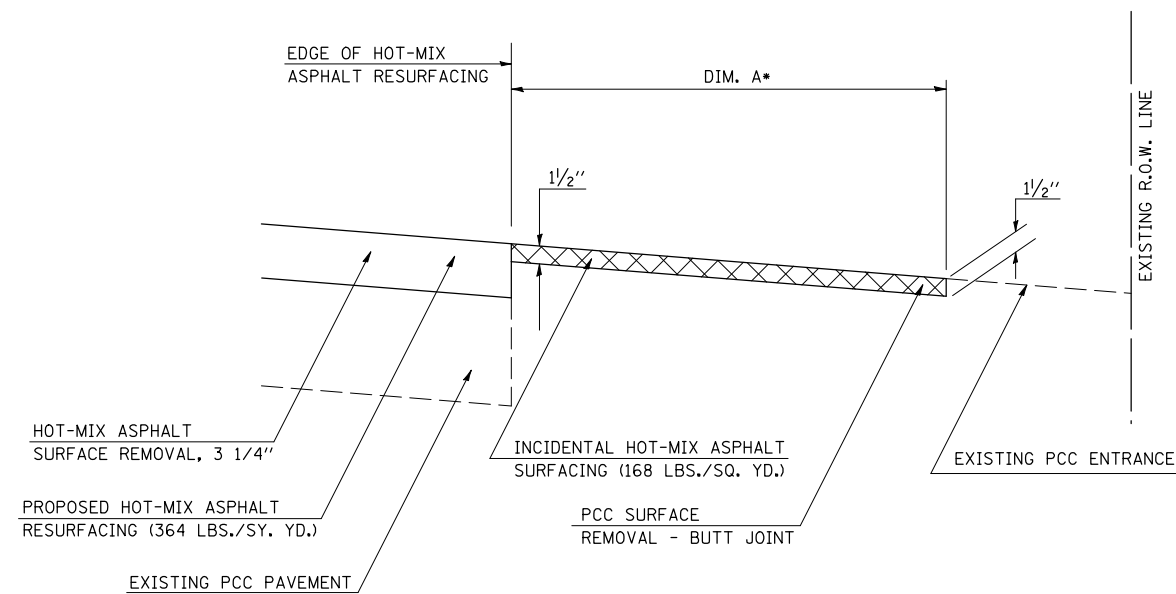
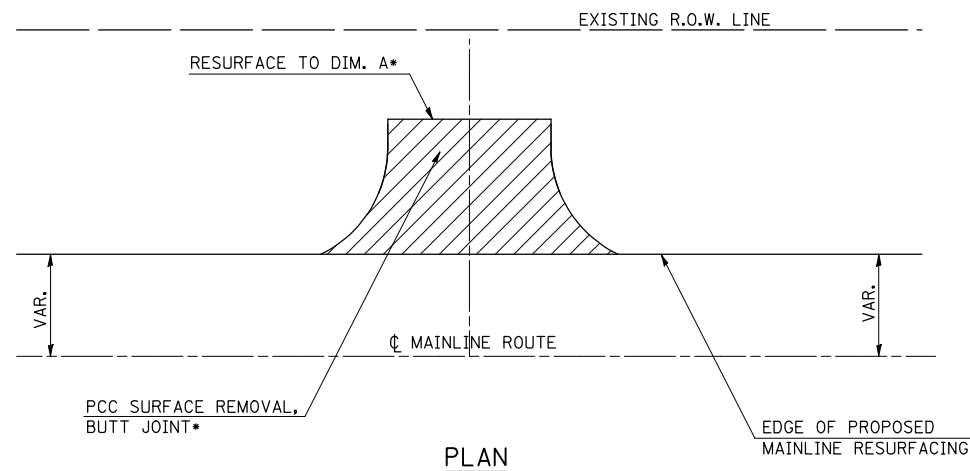
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,2)RS-4	CHAMPAIGN	35	27
			CONTRACT NO. 70782	
ILLINOIS FED. AID PROJECT				

# DETAIL OF PRIVATE AND COMMERCIAL ENTRANCES

**LT. STA. 344 + 60.90 TO LT. STA. 366 + 38.17**

**RT. STA. 345 + 45.00 TO RT. STA. 366 + 38.17**



## GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING ENTRANCES IN THEIR ENTIRETY. THE EXISTING ENTRANCES SHOULD BE RESURFACED TO MAINTAIN THEIR CURRENT RADII AND SHALL BE RESURFACED TO THE DIM. A SHOWN ON THE CHART ON THE RIGHT SIDE OF THIS PAGE.

\*SEE CHART ON RIGHT SIDE OF PAGE FOR A LIST OF ENTRANCES COVERED BY THIS DETAIL, DIMENSIONS AND TYPES OF BUTT JOINTS.

STATION	LT. OR RT.	TYPE	DIMA	TYPE OF MILLING
347+51.50	RT.	P.E.	FRONT OF SIDEWALK	PCC
348+03.82	RT.	P.E.	FRONT OF SIDEWALK	PCC
348+57.62	RT.	P.E.	FRONT OF SIDEWALK	PCC
350+45.50	RT.	P.E.	FRONT OF SIDEWALK	PCC
351+01.52	RT.	P.E.	FRONT OF SIDEWALK	PCC
351+51.85	RT.	P.E.	FRONT OF SIDEWALK	PCC
354+17.66	RT.	P.E.	FRONT OF SIDEWALK	PCC
354+72.54	RT.	P.E.	FRONT OF SIDEWALK	PCC
355+26.80	RT.	P.E.	FRONT OF SIDEWALK	PCC
357+74.66	RT.	P.E.	FRONT OF SIDEWALK	PCC
357+99.14	RT.	P.E.	FRONT OF SIDEWALK	PCC
358+06.74	LT.	P.E.	FRONT OF SIDEWALK	PCC
358+34.76	LT.	P.E.	FRONT OF SIDEWALK	PCC
358+99.93	LT.	P.E.	FRONT OF SIDEWALK	PCC
359+58.50	LT.	P.E.	FRONT OF SIDEWALK	PCC
361+30.76	LT.	P.E.	FRONT OF SIDEWALK	PCC
361+78.30	RT.	P.E.	FRONT OF SIDEWALK	PCC
363+76.12	LT.	P.E.	FRONT OF SIDEWALK	PCC
364+04.84	LT.	P.E.	FRONT OF SIDEWALK	PCC

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	PLOT DATE = 10/19/2009	DATE -	REVISED -

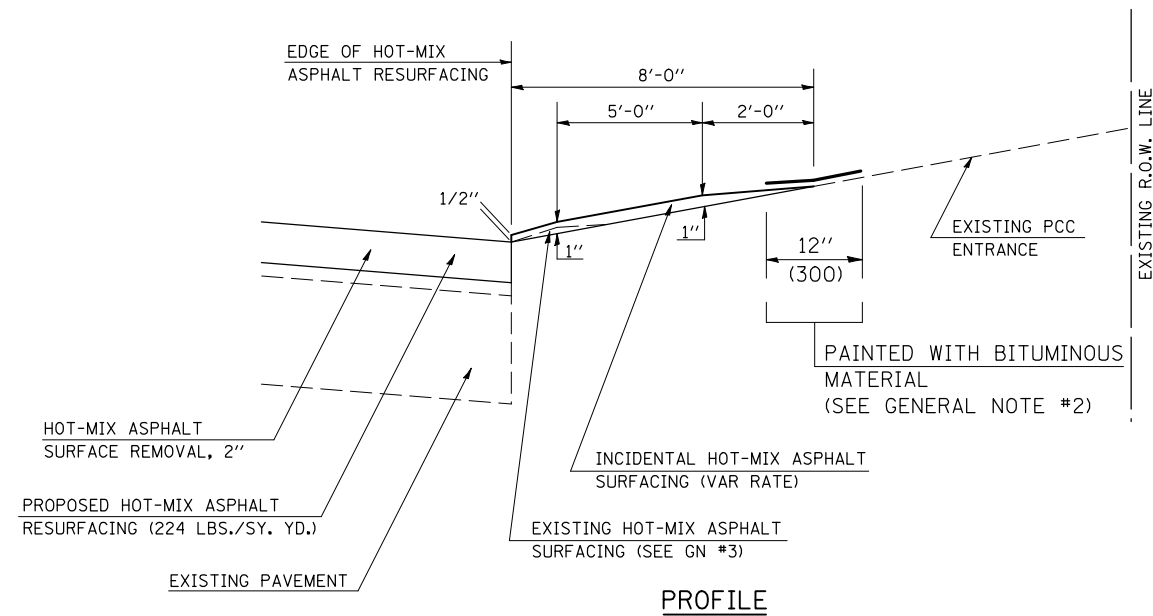
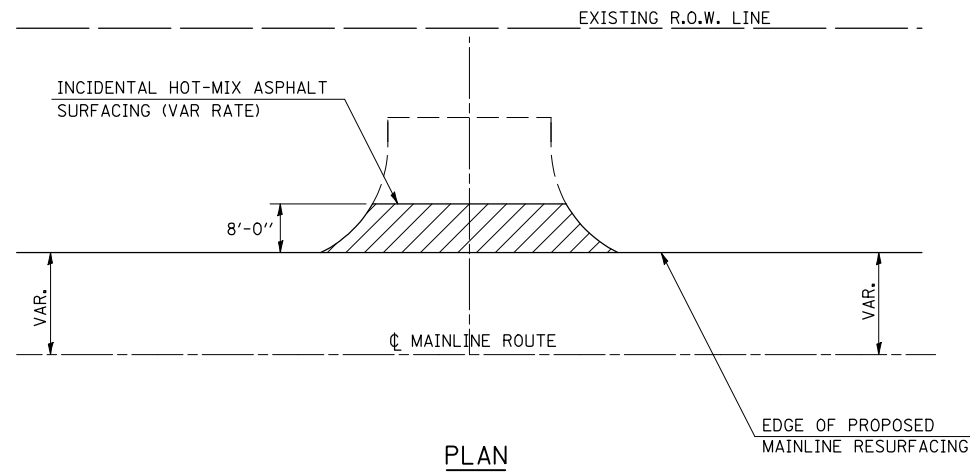
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**P.E. & C.E. RESURFACING DETAILS**

SCALE: \_\_\_\_\_ SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R, Z)RS-4	CHAMPAIGN	35	28
			CONTRACT NO. 70782	
ILLINOIS FED. AID PROJECT				

# DETAIL OF COMMERCIAL ENTRANCE AT STA. 324 + 21.93



### GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ON RESURFACING RUNDOWNS THAT ARE TO REMAIN IN PLACE AFTER COMPLETION OF THE SECTION, THE END OF THE FEATHEREDGE SHALL BE PAINTED WITH A UNIFORM COATING OF AC OR HFE BITUMINOUS MATERIAL APPROVED BY THE ENGINEER AFTER THE RUNDOWN IS COMPLETED. THE BITUMINOUS MATERIAL SHALL BE PAINTED ACROSS THE END OF THE RUNDOWN APPROXIMATELY 12 INCHES (300 mm) WIDE, 6 INCHES (150 mm) ON THE RUNDOWN AND 6 INCHES (150 mm) ON THE PAVEMENT. THE PAINTED STRIP SHALL BE COVERED WITH SAND. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. SEE COLD MILLING (SPECIAL) SPECIAL PROVISION FOR THE DETAILS OF THE EXISTING HOT-MIX ASPHALT REMOVAL AND DISPOSAL ON THIS ENTRANCE.

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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/19/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**P.E. & C.E. RESURFACING DETAILS**

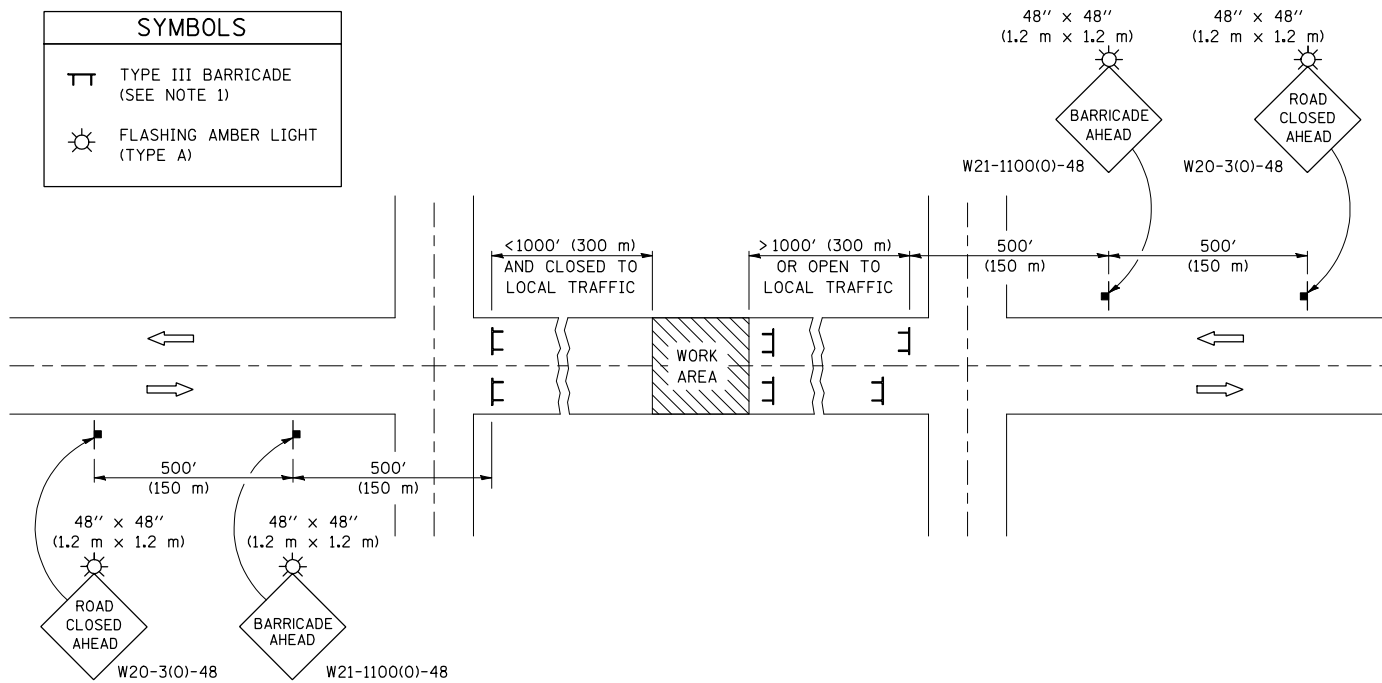
SCALE: \_\_\_\_\_ SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R, Z)RS-4	CHAMPAIGN	35	29
<b>CONTRACT NO. 70782</b>				
ILLINOIS FED. AID PROJECT				

# ROAD CLOSURE

# SIDEROAD / STREET CLOSURE

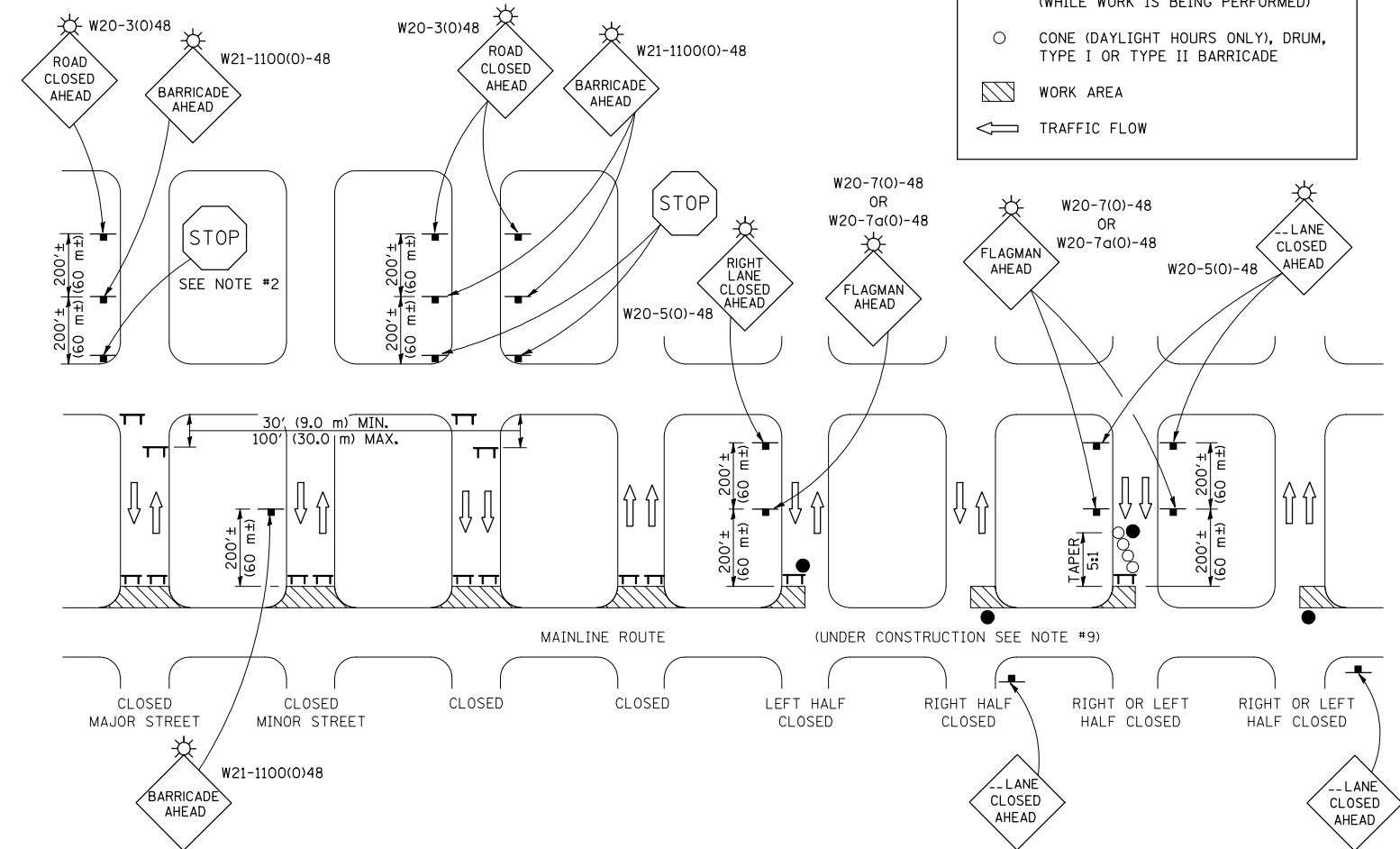
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



### GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONE (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW



### GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

### DISTRICT 5 DETAIL NO. 7020000

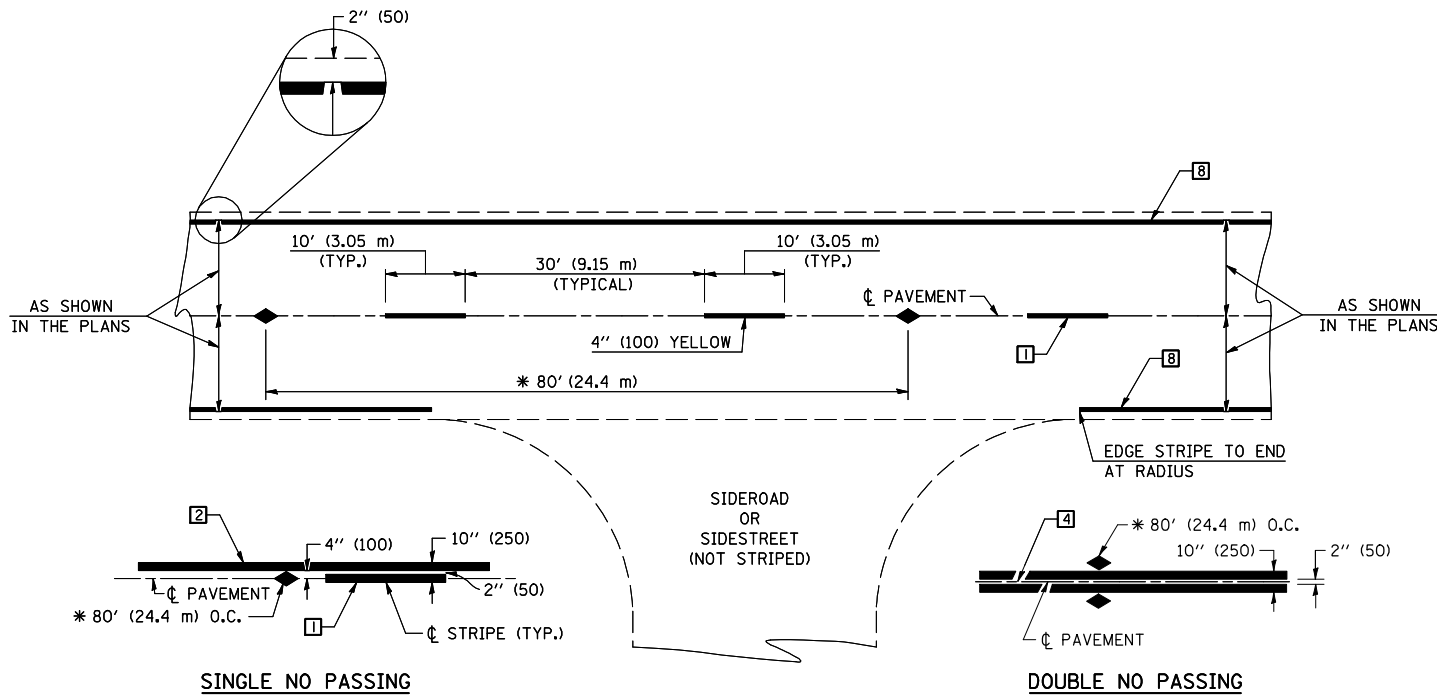
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	PLOT DATE = 10/19/2009	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES  
(ROAD & SIDEROAD/STREET CLOSURES)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,ZRS-4)	CHAMPAIGN	35	30
				CONTRACT NO. 70782
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: \_\_\_\_\_ SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_



\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

**TWO LANE/TWO WAY**

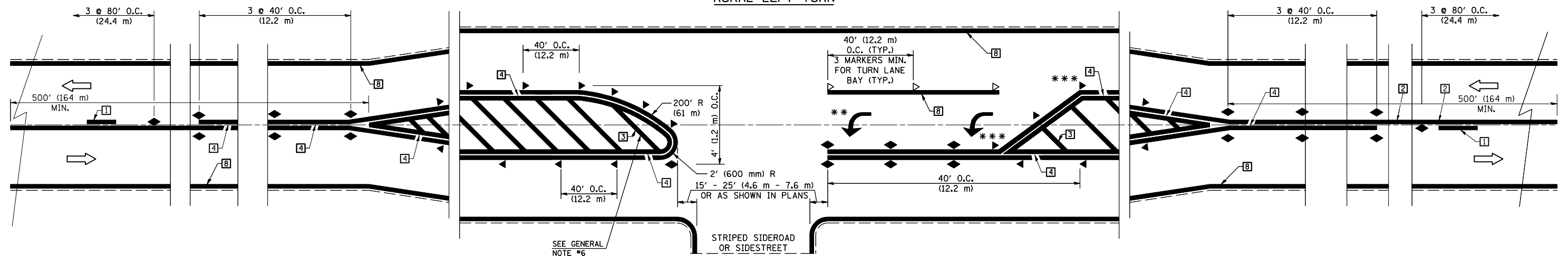
**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**RURAL LEFT TURN**



\*\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

\*\* TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 5 DETAIL NO. 7800AAA**

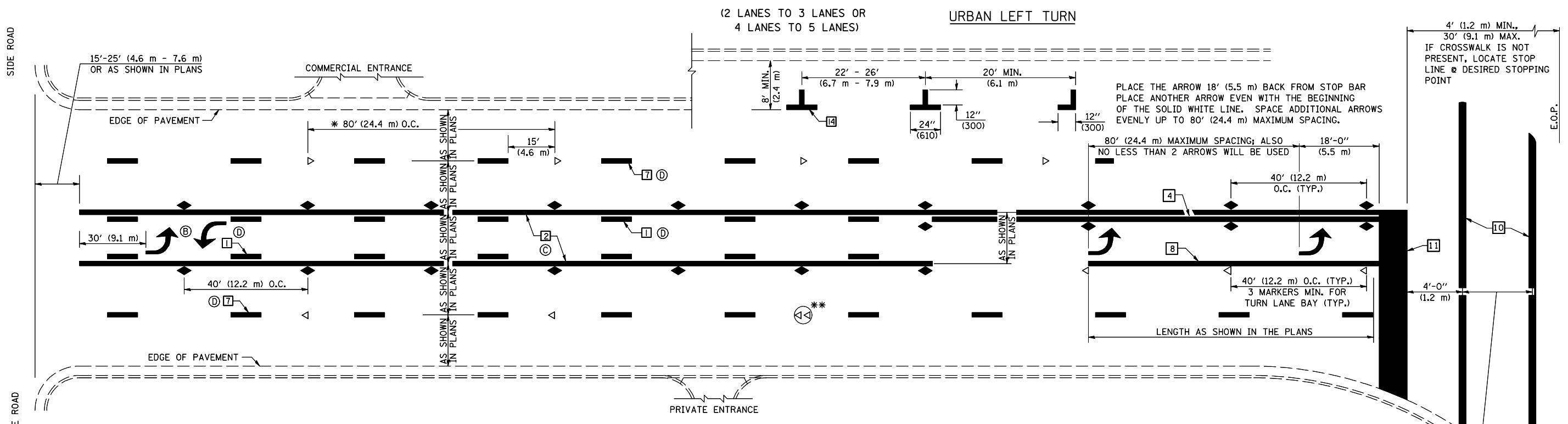
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/19/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

SCALE: \_\_\_\_\_ SHEET NO. 1 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R, Z)RS-4	CHAMPAIGN	35	31
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70782	

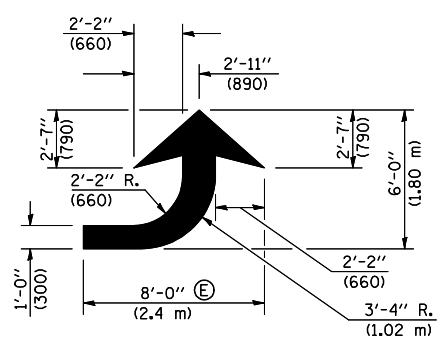


\* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

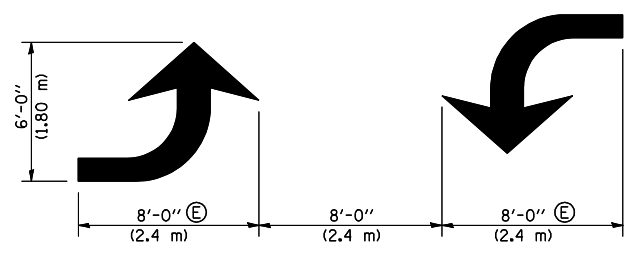
**GENERAL NOTES:**

- Ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- Ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- Ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- Ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



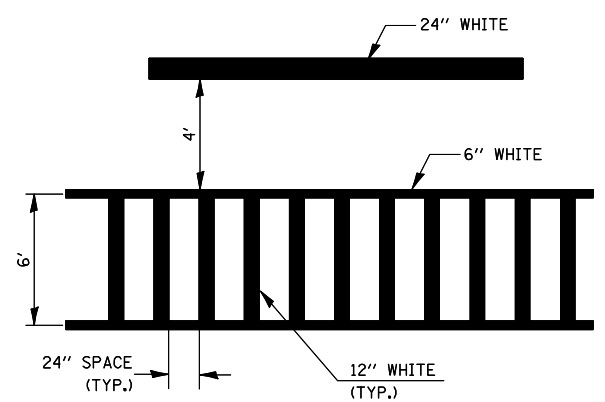
**LEFT ARROW**

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)

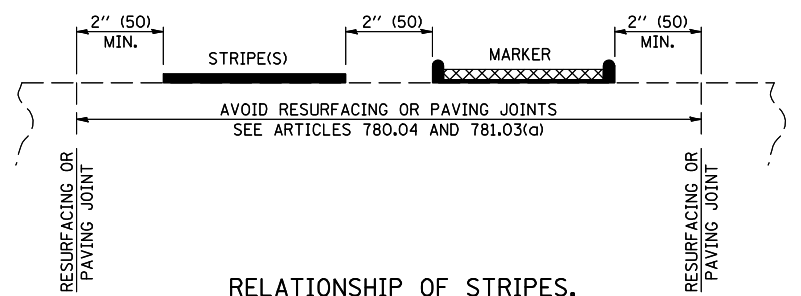


**TYPICAL DOUBLE TURN ARROWS (WHITE)**

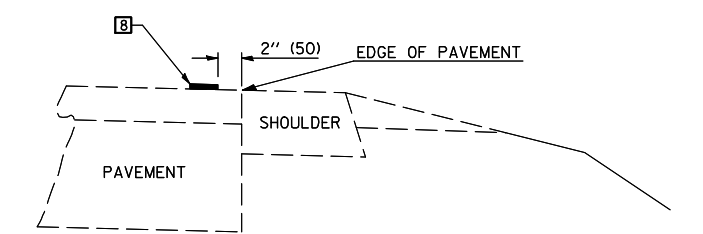
**BLOOMINGTON-NORMAL CITY LIMITS ONLY**



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**



**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**



**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT**  
(SAFETY SHOULDER OR PAVED SURFACE)  
SEE ARTICLE 780.04

CROSSWALK WIDTH 6'-0" (1.8 m)  
OR AS SHOWN IN THE PLANS

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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	PLOT DATE = 10/19/2009	DATE -	REVISED -

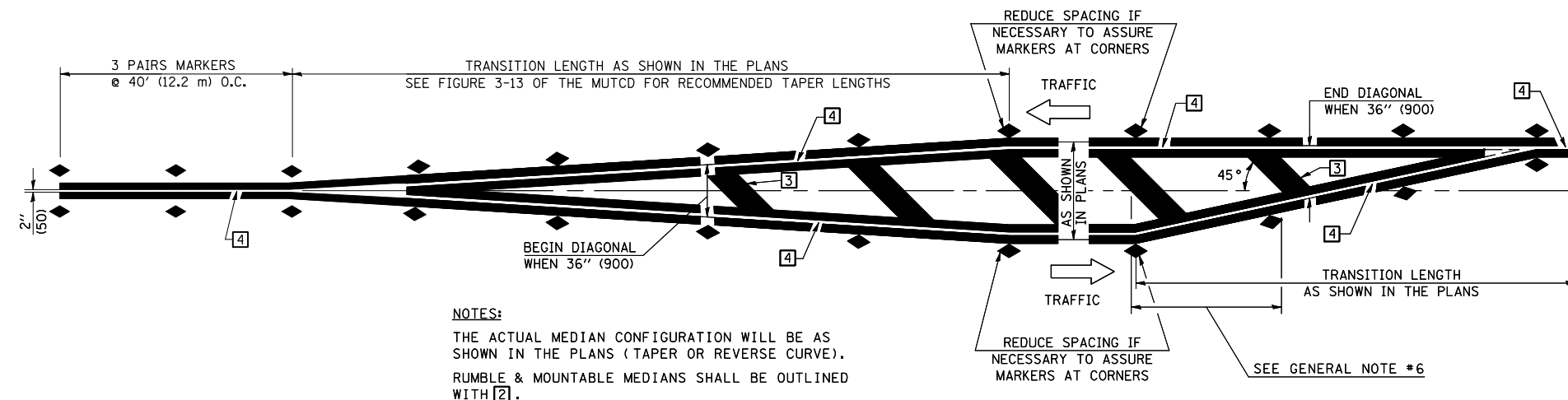
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

<b>DISTRICT 5 DETAIL NO. 7800AAA</b>			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
725	(32R,21RS-4)	CHAMPAIGN	35
		CONTRACT NO.	70782
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



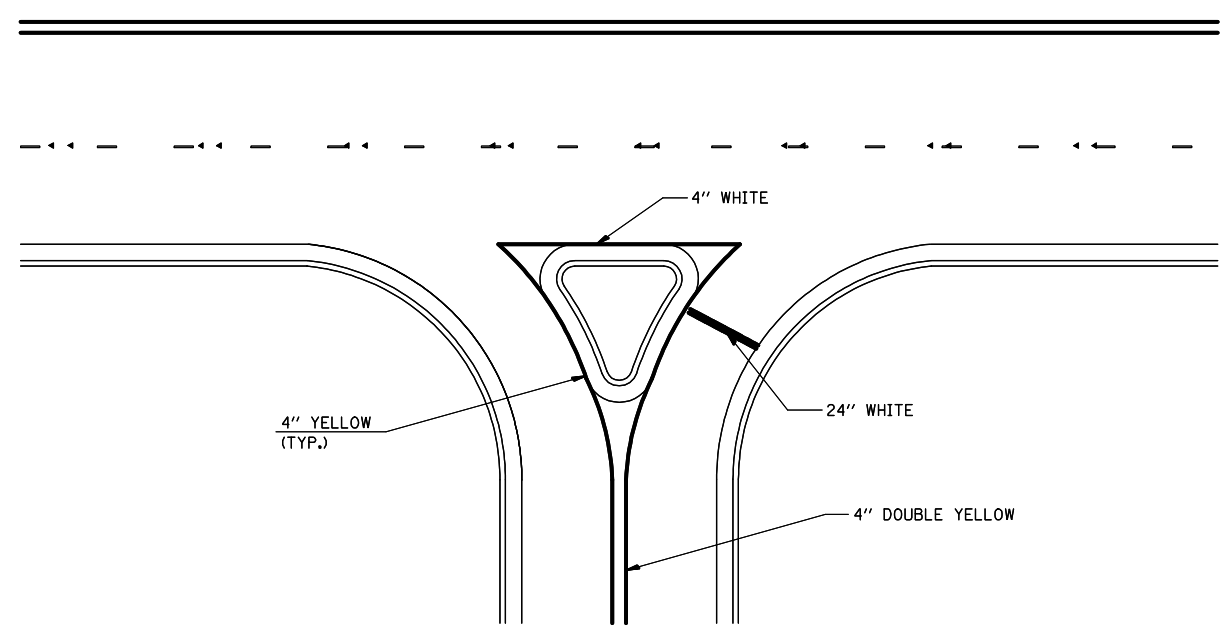


**NOTES:**  
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).  
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

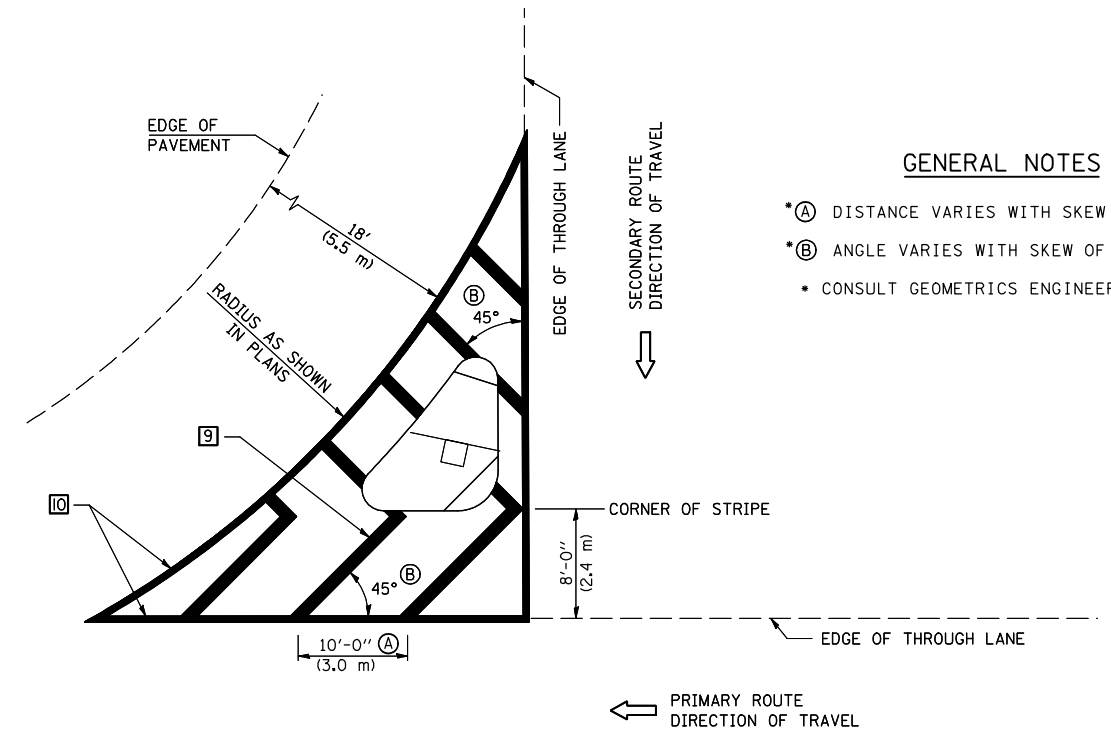
**TYPICAL MEDIAN TRANSITIONS**

**GENERAL NOTES**

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,  
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)  
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)  
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



**RIGHT IN - RIGHT OUT ACCESS**



**GENERAL NOTES**

- \* (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- \* (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- \* CONSULT GEOMETRICS ENGINEER

**ISLAND**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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	PLOT DATE = 10/19/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
 (RURAL & URBAN APPLICATIONS)**

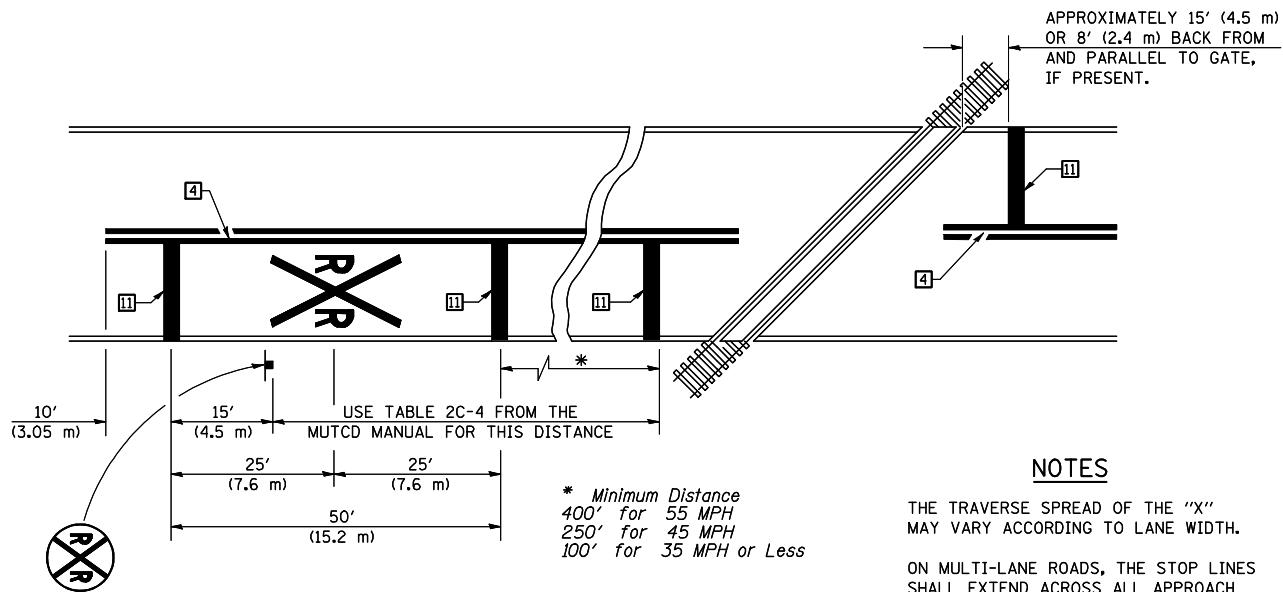
SCALE: \_\_\_\_\_ SHEET NO. 3 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

**DISTRICT 5 DETAIL NO. 7800AAA**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,2)RS-4	CHAMPAIGN	35	33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70782	

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



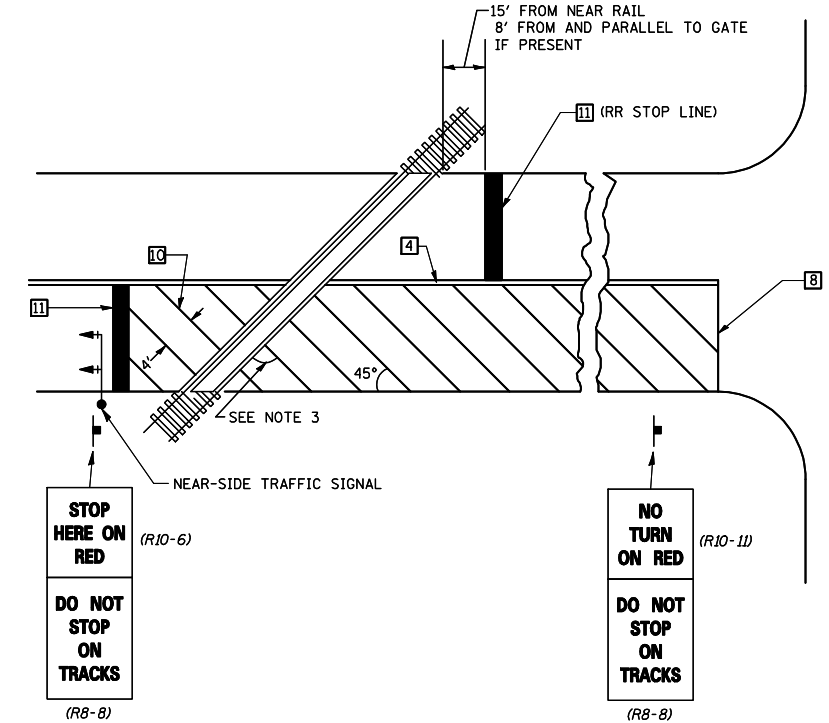
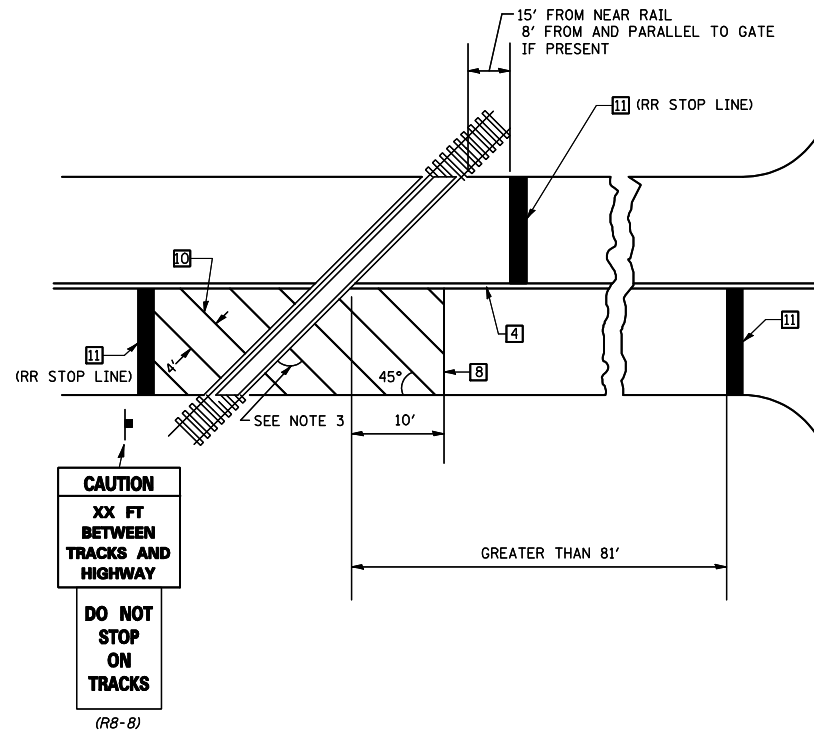
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

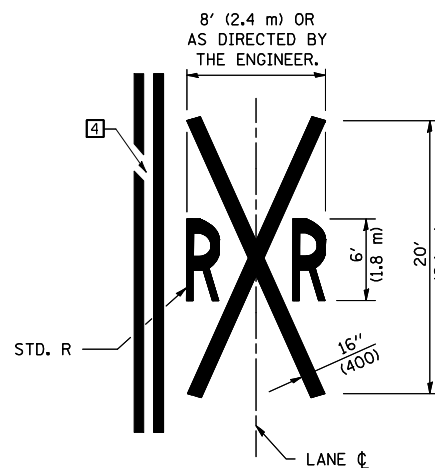
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

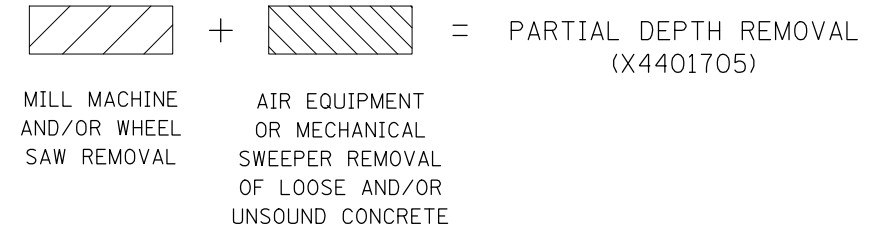
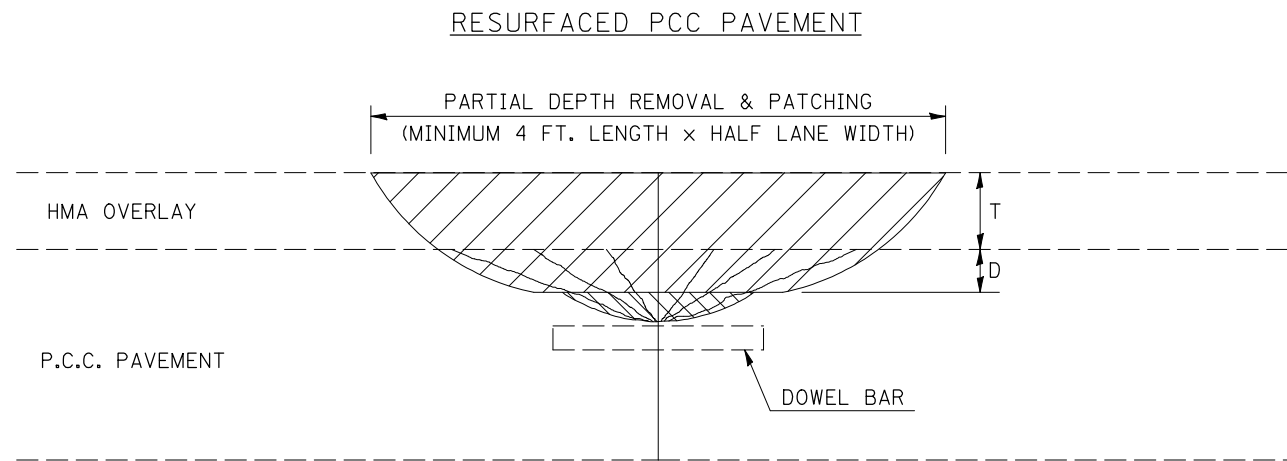
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	PLOT DATE = 10/19/2009	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,2)RS-4	CHAMPAIGN	35	34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70782	



**DESIGN NOTES**

PARTIAL DEPTH HMA PATCHING SHALL NOT BE USED WHEN HMA OVERLAY THICKNESS (T) ON PCC PAVEMENT EXCEEDS 4 3/4 INCHES (145 mm) OR ON CRC PAVEMENT.

**GENERAL NOTES**

ALL VOLUME OF PARTIAL DEPTH REMOVAL SHALL BE REPLACED WITH HOT-MIX ASPHALT (HMA) AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR PARTIAL DEPTH PATCHING.

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

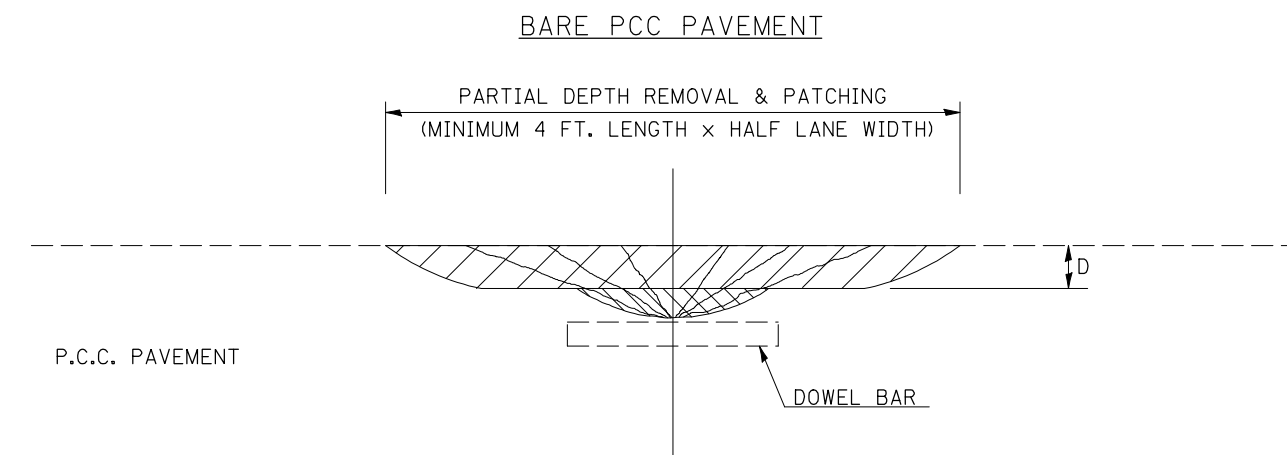
GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.



**DISTRICT 5 DETAIL NO. XX442100**

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	PLOT DATE = 10/19/2009	DATE - ---	REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING**

SCALE: \_\_\_\_\_ SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
725	(32R,2)RS-4	CHAMPAIGN	35	35
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT			CONTRACT NO. 70782	