

INDEX OF SHEETS

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HIGHWAY STANDARDS

HIGHWAY STANDARDS

442201-03	701311-03
701006-03	701336-05
701011-02	701901-01
701301-03	780001-02
701306-02	701101-02

DISTRICT STANDARDS

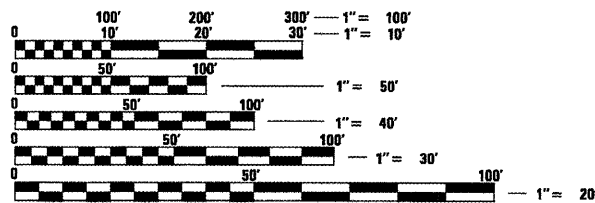
- 406101-D4
- 440001-D4
- 780001-D4

PROJECT DESCRIPTION

RESURFACING OF IL 81L 78 FROM IL 78(S) IN KNOX COUNTY TO IL 8(E), NORTH OF ELMWOOD

DESIGN DESIGNATION

MINOR ARTERIAL
ADT: 3400 (2007)
MU: 2.3%
SU: 6.8%



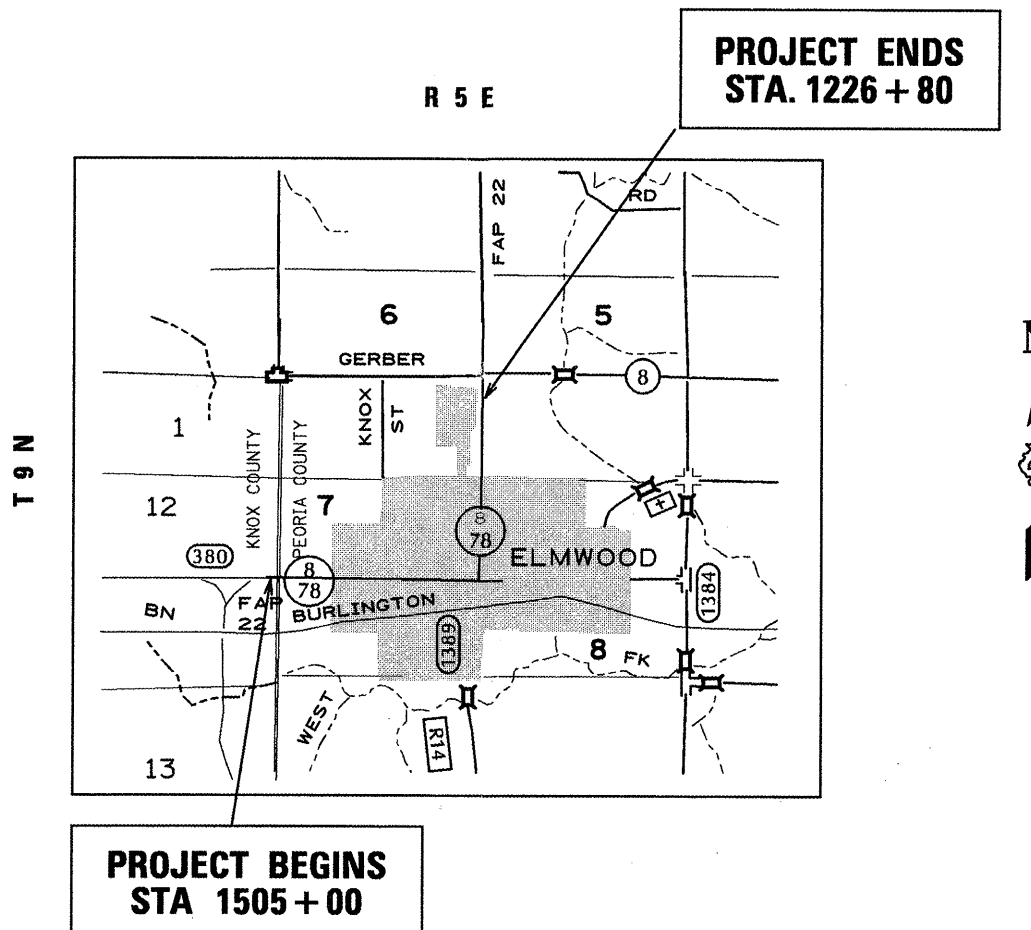
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

PROJECT ENGINEER: CHRISTOPHER MAUSHARD (309) 671-3453
DESIGNER: ELMAHI MOHAMED (309) 671-3462

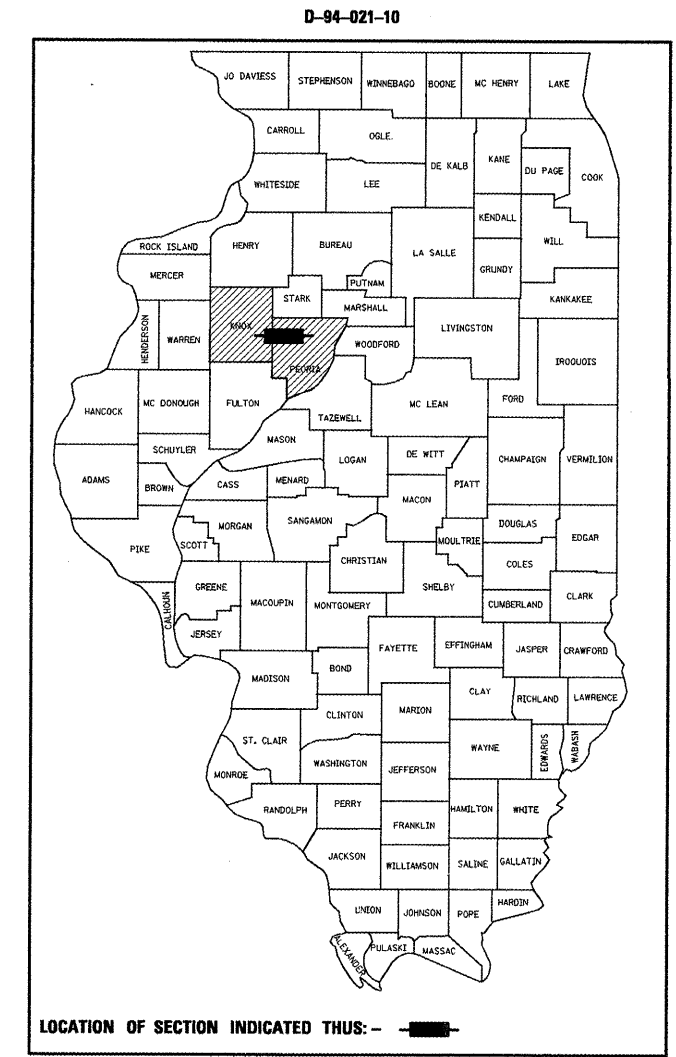
CONTRACT NO. 68958
CATALOG NO. 034378-00D

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 22 (IL8 /78)
SECTION 46RS-3; 131RS-5
PAVEMENT PRESERVATION PROJECT
KNOX / PEORIA COUNTY
C-94-047-10



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	46RS-3; 131RS-5	KNOX/PEORIA	18	1
		ILLINOIS	CONTRACT NO. 68958	



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MAY 12 2010

May 7 2010
Deputy Director of Highways, Region Engineer

Scott E. Stitt, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 7 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GROSS LENGTH = 11,035 FT. = 2.09 MILES
NET LENGTH = 11,035 FT. = 2.09 MILES

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN CONSENT OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE. NO COMMITMENTS HAVE BEEN MADE ON THIS PROJECT.

GENERAL NOTES

PROPERTY OWNER ACCESS REQUIREMENTS

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

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)
- * A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- * SIGNED PROPERTY OWNER AGREEMENT FORM - D4 PI0100
- * COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- * BORROW AREA ENTRY AGREEMENT FORM - D4 PI0101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR OF TO THE PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

PAVEMENT STATIONING NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20 mm) WIDE, 5 INCHES (125 mm) HIGH AND 5/8 INCH (15 mm) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL - 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS - 6 INCHES (150 mm) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

LOCATION:

- * 2, 3, & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- * MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- * RAMPS - ALONG BASELINE EDGE OF PAVEMENT

POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT - ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XXX (XX+X00)" WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

FILE NAME = 68958 Phase II.dgn	USER NAME = jacobser	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS AND GENERAL NOTES	F.A.P. RTE. 22	SECTION 46RS-3; 131RS-5	COUNTY KNOX/PEORIA	TOTAL SHEETS 18	SHEET NO. 2	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 68958					
	PLOT DATE = 3/18/2010	DATE -	REVISED -			ILLINOIS					

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.

AGGREGATE FOR DRIVEWAY REPLACEMENT

THE MATERIAL FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS.

NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

TRANSITION PAYMENT METHOD – NEW/OLD CONSTRUCTION

THREE METER (3 m) (10 FT.) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

ENGINEER'S FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (i) AND 670.04 (e):
ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Surface Course	Level Binder 3/4"	Cl D Patches	HMA Shoulder/Parking Lane	Incidental Surface Course
AC/PG:	PG 64-22	SBS or SBR 70-22	PG 64-22	PG 64-22	PG 64-22
RAP% (Max): **	15%	10%	25%	15%	15%
Design Air Voids:	4.0% @ N=50	3.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5	IL 4.75	IL 19.0	IL 9.5 or IL12.5	IL 9.5 or IL12.5
Friction Aggregate:	Mixture D	N.A.	N.A.	Mixture C	Mixture C

** IF THE RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED; THIS WILL BE DETERMINED BY THE ENGINEER.

JOB SPECIFIC NOTES

SIDERoads: MILLING AND RESURFACING LIMITS NEED TO BE VERIFIED BY THE ENGINEER PRIOR TO EACH OPERATION.

PAVEMENT MARKING "NO PASSING ZONE": PRIOR TO PLACING ANY CENTERLINE STRIPING, CONTACT THE DISTRICT BUREAU OF OPERATIONS FOR VERIFYING "NO PASSING ZONE" LOCATIONS.

FILE NAME = 68958 Phase II.dgn	USER NAME = jacobsmr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			22	46RS-3; 13IRS-5	KNOX/PEORIA	18	3
	PLOT DATE = 3/18/2010	DATE -	REVISED -			CONTRACT NO. 68958				
						ILLINOIS				
						SHEET NO. 2 OF 2 SHEETS				

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	I000 PEORIA COUNTY 100% STATE	I000 KNOX COUNTY 100% STATE	I000 VILLAGE 50/50 ELMWOOD	I000 VILLAGE 100 ELMWOOD
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	22	21	1		
40600826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL*4.75, N50 →	TON	1,235	1,175	60		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1			
40600982	HOT*MIX ASPHALT SURFACE REMOVAL * BUTT JOINT	SQ YD	2,561	2,534	27		
40600990	TEMPORARY RAMP	SQ YD	561	548	13		
40603560	POLYMERIZED HOT*MIX ASPHALT SURFACE COURSE, MIX "E", N50 →	TON	2,469	2,354	115		
40800050	INCIDENTAL HOT*MIX ASPHALT SURFACING	TON	525	525			
44000157	HOT*MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	40,155	29,120	1,890	8670	475
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	290	290			
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	60	60			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	413	355	58		
48203100	HOT*MIX ASPHALT SHOULDERS	TON	1,170	20		1095	55
6700040	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4			
67100100	MOBILIZATION	L SUM	1	0.9	0.1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.9	0.1		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.9	0.1		
70300100	SHORT*TERM PAVEMENT MARKING	FOOT	5,438	5,183	255		
70300220	TEMPORARY PAVEMENT MARKING * LINE 4"	FOOT	31,275	29,711	1,564		
70300240	TEMPORARY PAVEMENT MARKING * LINE 6"	FOOT	320	320			
70300250	TEMPORARY PAVEMENT MARKING * LINE 8"	FOOT	640	640			
70300280	TEMPORARY PAVEMENT MARKING * LINE 24"	FOOT	48	48			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	363	346	17		
X 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	138	131	7		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	138	131	7		

(X) SPECIALTY
ITEM

FILE NAME =
68958 Phase II.dgn

USER NAME = jacobsmr
PLDT SCALE = 100.0000' / IN.
PLDT DATE = 3/18/2018

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

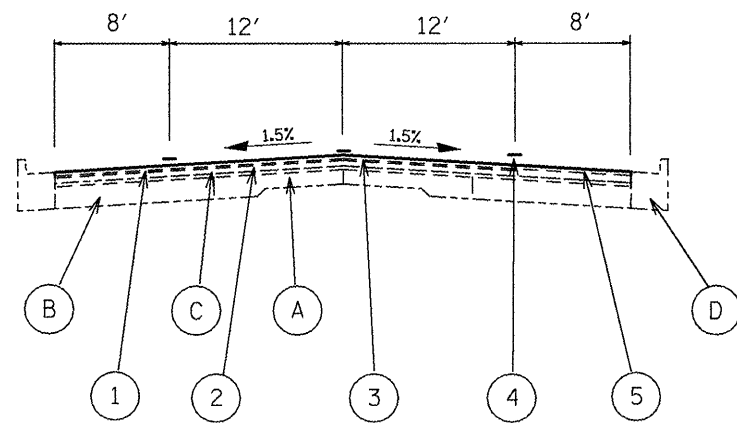
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	46RS-3;131RS-5	KNOX/PEORIA	18	4
ILLINOIS			CONTRACT NO. 68958	

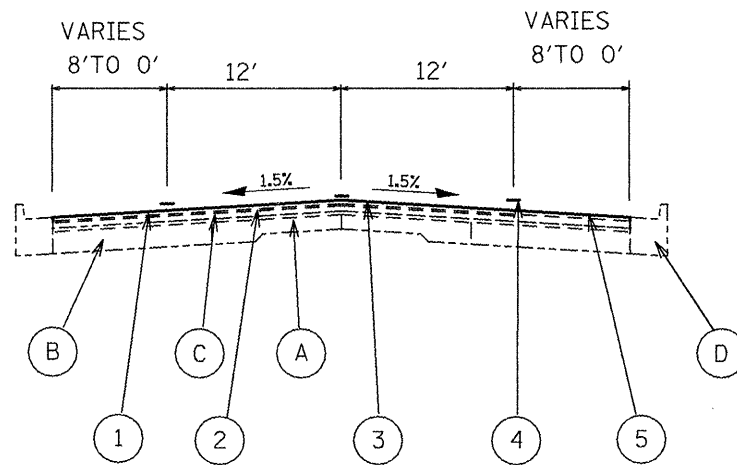
SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	I000 PEORIA COUNTY 100% STATE	I000 KNOX COUNTY 100% STATE	I000 VILLAGE 50/50 ELMWOOD	I000 VILLAGE 100 ELMWOOD
X0322729	MATERIAL TRANSFER DEVICE	TON	2,469	2,354	115		
X2503100	MOWING	UNIT	76	76			
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14	14			
X X7800610	URETHANE PAVEMENT MARKING * LINE 4"	FOOT	31,275	29,711	1,564		
X X7800630	URETHANE PAVEMENT MARKING * LINE 6"	FOOT	320	320			
X X7800640	URETHANE PAVEMENT MARKING * LINE 8"	FOOT	640	640			
X X7800680	URETHANE PAVEMENT MARKING * LINE 24"	FOOT	48	48			
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	0.9	0.1		

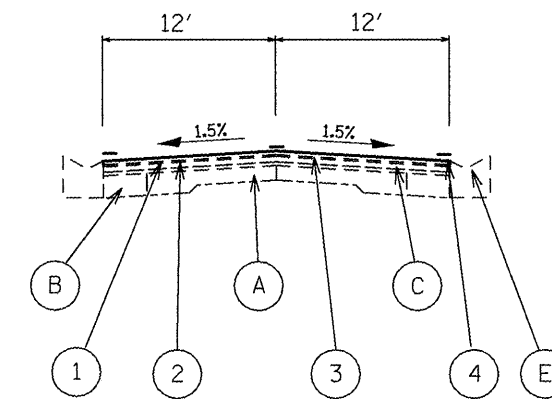
(X) SPECIALTY ITEM



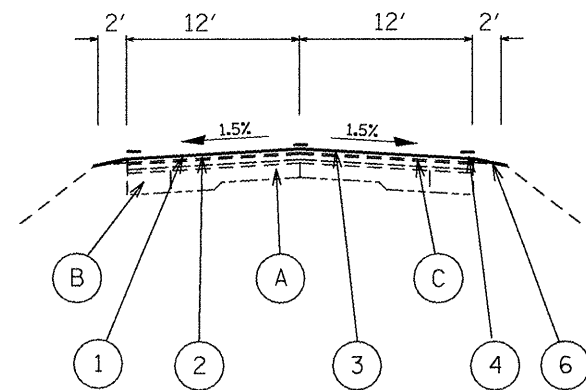
TYPICAL SECTION 2
 STA 103+76 TO 140+30
 STA 42+16 TO 30+85



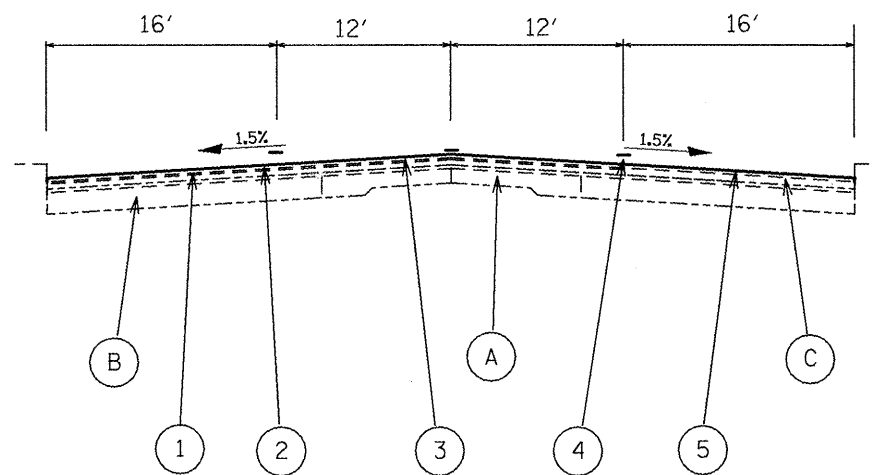
TYPICAL SECTION 4
 STA 30+85 TO 29+28



TYPICAL SECTION 5
 STA 29+28 TO 12+28 (LT)
 STA 29+28 TO 12+90 (RT)



TYPICAL SECTION 1
 STA 1505+00 TO 1519+65
 STA 100+00 TO 103+76
 STA 12+90 TO 0+00
 STA 1232+04 TO 1226+80



TYPICAL SECTION 3
 STA 140+30 TO 144+09
 STA 44+77 TO 42+16

LEGEND - EXISTING

- (A) PCC PAVEMENT = 9'-6"-9"
- (B) WIDENING
- (C) HMA OVERLAYS (VARIES 3"-5")
- (D) CCC&G B6.24
- (E) TY B GUTTER

LEGEND - PROPOSED

- (1) HMA SURFACE REMOVAL, 2"
- (2) LEVELING BINDER (MM), IL-4.75, N50 3/4"
- (3) HMA SURFACE COURSE, MIX "D", N50 1 1/2"
- (4) EPOXY PAVEMENT MARKING
- (5) HMA SHOULDERS
- (6) AGGREGATE SHOULDER, TYPE B

FILE NAME =	USER NAME = jacobsmr	DESIGNED -	REVISED -
68958 Phase II.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/18/2010	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

NOT TO SCALE SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	46RS-3i131RS-5	KNOX, PEORIA	18	6
CONTRACT NO. 68958				

ILLINOIS

**PROJECT ENDS
STA. 1226 + 80**

STATION EQUATION:
STA 1232+04 (BK) = STA 00+00 (AH) MAGNOLIA

SOUTHGATE DR
STA 4+60

MAPLE STREET
STA 22+17

ASH STREET
STA 31+66

BUTTERNUT STREET
STA 35+56

CYPRESS STREET
STA 39+34

EVERGREEN STREET
STA 42+16

STATION EQUATION:
STA 44+77 (BK) MAGNOLIA = STA 144+09 (AH) MAIN



STATION EQUATION:
STA 1519+65 (BK) = STA 100+00 (AH)

**PROJECT BEGINS
STA. 1505 + 00**

KNOX COUNTY
PEORIA COUNTY
STA 1510+10

WESTFIELD ST
STA 103+76

KNOX STREET
STA 117+42

LOCUST STREET
STA 120+81

ELM STREET
STA 124+09

WALNUT STREET
STA 124+44

MORGAN STREET
STA 130+57

ALTHEA STREET
STA 136+45

LILAC STREET
STA 140+30

FILE NAME = 68958 Phase II.dgn	USER NAME = jacobsmr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINE DIAGRAM			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLDT SCALE = 100.0000' / IN.	DRAWN -	REVISED -					22	46RS-3; 131RS-5	PEORIA/KNOX	18	7
	PLDT DATE = 3/18/2010	CHECKED -	REVISED -					CONTRACT NO. 68958				
	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	ILLINOIS				

LOCATION			LENGTH	AREA	HMA SURF REMOVAL (2")	POLY LEVEL BIND(MM) IL-4.75, N50 (3/4")	HMA SURF CSE MIX "D" N50 (1 1/2")	POLY BIT MAT (PR CT)
			FT	SQ.YD	SQ.YD	TON	TON	TON
KNOX COUNTY								
1505+00	TO	1510+10	510	1,360.00	1,360.00	57.12	114.24	0.71
PEORIA COUNTY								
1510+10	TO	1519+65	955	2,546.67	2,546.67	106.96	213.92	1.32
100+00	TO	103+22	322	858.67	858.67	36.06	72.13	0.45
103+22	TO	139+90	3,668	16,300.00	16,300.00	410.82	821.63	8.48
139+90	TO	144+09	419	2,610.20	2,610.20	46.93	93.86	1.36
1226+80	TO	1232+04	524	1,397.30	1,397.30	58.69	117.38	0.73
0+00	TO	29+28	2,928	7,808.00	7,808.00	327.94	655.87	4.06
29+28	TO	30+85	157	558.20	558.20	34.58	68.17	0.29
30+85	TO	41+90	1,105	4,930.10	4,930.10	123.76	247.52	2.55
41+90	TO	44+77	287	1,785.80	1,785.80	32.14	64.29	0.93
KNOX COUNTY				1,360.00	1,360.00	57.12	114.24	0.71
PEORIA COUNTY				38,775.94	38,775.94	1,177.88	2,354.76	20.16
GRAND TOTALS				40,155	40,155	1,235	2,469	21

LOCATION	WIDTH	HOT-MIX ASPHALT SURF REMOVAL-BUTT JOINT	TEMP RAMP	INCIDENTAL HMA SURF
	FT	SQ YD	SQ YD	TON
KNOX COUNTY				
STARTING STA. 1505+05	24.00	26.70	13.33	0.00
PEORIA COUNTY				
MOUND ST	22.00	76.30	12.22	9.56
KNOX ST	80.00	249.30	44.44	50.38
LOCUST ST	80.00	250.50	44.44	50.34
ELM ST	48.00	166.70	26.67	36.86
WALNUT ST	48.00	169.80	26.67	36.40
MORGAN ST	36.00	137.90	20.00	31.66
ALTHEA ST	48.00	167.80	26.67	36.67
LILAC ST	72.00	177.20	40.00	41.47
MAGNOLIA ST	56.00	72.30	31.11	23.49
MAIN ST	56.00	76.70	31.11	19.33
EVERGREEN ST	104.00	243.10	57.78	47.82
CYPRESS ST	48.00	165.60	26.67	36.54
BUTTERNUT ST	48.00	166.70	26.67	39.45
ASH ST	48.00	164.10	26.67	36.88
ENTRANCE RT STA. 7+95	50.00	49.80	27.78	14.75
ENTRANCE LT STA. 6+99	54.00	61.70	30.00	5.92
SOUTH GATE D DRIVE STA. 4+60	88.00	138.90	48.89	7.30
ENDING STA. 1226+80	24.00	26.70	13.33	0.00
KNOX COUNTY		26.70	13.33	0.00
PEORIA COUNTY		2,534.40	547.78	521.82
Total		2,561	561	525

RATES:

FOR ALL HOT MIXES: 112 lbs/Sq.Yd.in.
 FOR AGGREGATE SHOULDERS TYPE B: 2.05 ton/cu.yd
 FOR BIT MATLS (PRIME COAT): 0.004 ton/gal
 -ON GRANULAR BASE: 0.5 GAL/SQ. YD.
 -ON EXIST. PVT.: 0.05 GAL/SQ.YD.
 -ON COLD MILLED AREA: 0.1 GAL/SQ.YD.
 -ON NEW PAV'T: 0.03 GAL/SQ.YD.

RESURFACING TABLE SUMMARY

PAY ITEM	HMA SURF REMOVAL 2"	HMA SURF REMOVAL BUTT JOINTS	HMA SURF CSE MIX "D" N50 1 1/2"	POLY LEVEL BIND (MM) IL-4.75 N50 (3/4")	INCIDENTAL HMA SURFACE	HMA SHOULDERS (RT & LT)
UNIT	SQ YD	SQ YD	TON	TON	TON	TON
	40,136	2,588	2,469	1,235	522	1,162
TOTAL	42,724 SQYD			5,388 TONS		

* NOTE SEE EACH TABLE FOR BREAK DOWN QUANTITY

HMA SHOULDERS							
LOCATION		LENGTH	AREA	HMA	HMA		
				SHOULDER (RT,LT) REMOVAL	SHOULDER (RT,LT)		
		FT	SQ.YD	SQ YD	TON		
PEORIA COUNTY							
LT	103+22 TO 103+87	65	28.90	28.90	3.64		
LT	103+87 TO 117+00	1,313	1,167.11	1,167.11	147.06		
LT	117+85 TO 120+39	254	225.77	225.77	28.45		
LT	121+24 TO 123+75	251	223.11	223.11	28.11		
LT	124+44 TO 127+10	266	236.44	236.44	29.79		
LT	127+79 TO 130+26	247	219.55	219.55	27.66		
LT	130+89 TO 136+10	521	463.11	463.11	58.35		
LT	136+80 TO 139+98	310	275.55	275.55	34.72		
LT	140+53 TO 143+97	344	611.55	611.55	77.06		
RT	104+00 TO 117+00	1,300	1,155.55	1,155.55	145.60		
RT	117+85 TO 120+39	254	225.77	225.77	28.45		
RT	121+24 TO 123+75	251	223.11	223.11	28.11		
RT	124+44 TO 127+10	266	236.44	236.44	29.79		
RT	127+79 TO 130+26	247	219.55	219.55	27.66		
RT	130+89 TO 136+10	521	463.11	463.11	58.35		
RT	136+80 TO 139+90	310	275.55	275.55	34.72		
RT	140+53 TO 143+76	323	574.20	574.20	72.35		
LT	42+47 TO 44+44	197	350.22	350.22	44.13		
LT	39+68 TO 41+67	199	176.88	176.88	22.29		
LT	35+90 TO 39+00	310	275.55	275.55	42.72		
LT	32+00 TO 35+21	321	285.33	285.33	35.95		
LT	30+85 TO 31+32	47	41.77	41.77	5.26		
LT	29+28 TO 30+85	157	69.80	69.80	8.79		
RT	42+47 TO 44+44	197	350.20	350.20	44.13		
RT	39+69 TO 41+68	199	176.88	176.88	22.29		
RT	35+90 TO 39+00	310	275.55	275.55	34.72		
RT	32+00 TO 35+21	321	285.33	285.33	35.95		
RT	30+85 TO 31+32	47	41.77	41.77	5.26		
RT	29+28 TO 30+85	157	69.80	69.80	8.79		
GRAND TOTALS			9,223	9,223	1,170		

LOCATION	LENGTH	AREA	AGG
	FT	SQ.YD	SHOULDER TYPE B (RT,LT) TON
KNOX COUNTY			
1505+00 TO 1510+10	510	226.70	58.08
PEORIA COUNTY			
1510+10 TO 1519+65	955	424.40	108.8
100+00 TO 103+50	350	155.00	39.9
0+00 TO 12+90	1,290	573.30	146.9
1226+80 TO 1232+04	524	232.90	59.7
KNOX COUNTY		226.70	58.08
PEORIA COUNTY		1,385.60	355.3
GRAND TOTALS		1,612.3	413.38

RAISED REFLECTIVE PAVEMENT MARKING						
LOCATION		LENGTH	RAISED REF	RAISED REF		
		FT	PAVEMENT MARKERS EACH	PVT MRKRS REMOVAL EACH		
KNOX COUNTY						
1505+00 TO 1510+10	510	7.00	5.00			
PEORIA COUNTY						
1510+10 TO 1519+65	955	12.00	10.00			
100+00 TO 144+09	4,409	56.00	56.00			
1226+80 TO 1232+04	524	7.00	5.00			
0+00 TO 44+77	4,477	56.00	54.00			
KNOX COUNTY		510	7.00	5.00		
PEORIA COUNTY		10,365	131.00	125.00		
TOTAL		10,875	138	130		

CLASS D PATCHING SCHEDULE (13 INCH)		
LOCATION	PEORIA COUNTY	
	TYPE II SQ YD	TYPE III SQ YD
NUMBER OF PATCHES	35	3
BEGINNING STA. 1505+00 TO ENDING STA.126+80 (JOB LIMITS)	286.00	59.00
TOTALS	286	59

* SEE LINE DIAGRAM FOR PATCHING UNITS

URETHANE PAVEMENT MARKING SCHEDULE					
LOCATION	LINE 4"		LINE 6"	LINE 8"	LINE 24 "
	WHITE	YELLOW	WHITE	WHITE	WHITE
	FOOT	FOOT	FOOT	FOOT	FOOT
KNOX COUNTY					
RT STA. 1505+00 TO 1510+10	510	904			
PEORIA COUNTY					
RT STA. 1510+10 TO 1519+65	955.00	238			
RT STA. 100+00 TO 143+76	3,821.00	955			
RT STA. 0+00 TO 44+44	4,124.00	1,031			
RT STA. 1225+04 TO 1232+04	700.00	175			
KNOX COUNTY					
LT STA. 1505+00 TO 1510+10	510.00	905			
PEORIA COUNTY					
LT STA. 1510+10 TO 1519+65	955.00	239			
LT STA. 100+00 TO 143+76	3,873.00	970			
LT STA. 0+00 TO 44+44	4,676.00	1,169			
LT STA. 1225+20 TO 1232+04	3,655.00	914			
PARKING LANES					
STA. 140+90 TO 143+50			176.00		
STA. 44+20 TO 42+60			144.00		
CROSSWALK					
STA. 31+32 (ASH ST)				82.00	
STA. 130+35 (MORGAN ST)				98.00	
INTERSECTION (4 LEGS)				460.00	
STOP BARS					
INTERSECTION (4STOP BARS)					48.00
KNOX COUNTY	1,020.00	1,809			
PEORIA COUNTY	22,759.00	5,691	320.00	640.00	48.00
Total	23,779	7,500	320	640	48
NOTE : PRIOR TO PLACING CENTERLINE STRIPING, CONTACT THE DISTRICT BUREAU OF OPERATION FOR A " NO PASSING ZONE " EVALUATION					

TEMPORARY PAINT PAVEMENT MARKING SCHEDULE					
LOCATION	LINE 4"		LINE 6"	LINE 8"	LINE 24 "
	WHITE	YELLOW	WHITE	WHITE	WHITE
	FOOT	FOOT	FOOT	FOOT	FOOT
KNOX COUNTY					
RT STA. 1505+00 TO 1510+10	510	1,681			
PEORIA COUNTY					
RT STA. 1510+10 TO 1519+65	955.00	238			
RT STA. 100+00 TO 143+76	3,821.00	955			
RT STA. 0+00 TO 44+44	4,124.00	1,031			
RT STA. 1225+04 TO 1232+04	700.00	175			
KNOX COUNTY					
LT STA. 1505+00 TO 1510+10	510.00	128			
PEORIA COUNTY					
LT STA. 1510+10 TO 1519+65	955.00	239			
LT STA. 100+00 TO 143+76	3,873.00	970			
LT STA. 0+00 TO 44+44	4,676.00	1,169			
LT STA. 1225+20 TO 1232+04	3,655.00	914			
PARKING LANES					
STA. 140+90 TO 143+50			176.00		
STA. 44+20 TO 42+60			144.00		
CROSSWALK					
STA. 31+32 (ASH ST)				82.00	
STA. 130+35 (MORGAN ST)				98.00	
INTERSECTION (4 LEGS)				460.00	
STOP BARS					
INTERSECTION (4STOP BARS)					48.00
KNOX COUNTY	1,020.00	1,809			
PEORIA COUNTY	22,759.00	5,691	320	640	48.00
Total	23,779	7,500	320	640	48

LOCATION	LENGTH	SHORT-TERM	WORK ZONE
		PAVMT MARKINGS 4' (5 APPL.)	PAVMT MARKING REMOVAL
	FT	FT	SQ FT
KNOX COUNTY			
1505+00 TO 1510+10	510	255.00	17.00
PEORIA COUNTY			
1510+10 TO 1519+65	955	477.50	31.83
100+00 TO 144+09	4,409	2,204.50	146.97
1226+80 TO 1232+04	524	262.00	17.47
0+00 TO 44+77	4,477	2,238.50	149.23
KNOX COUNTY	510	255.00	17.00
PEORIA COUNTY	10,365	5,182.50	345.50
TOTAL	6,398	5,438	363

CONSTRUCTING TEST STRIP		EACH
SURFACE COURSE		1
TOTAL		1

MATERIAL TRANSFER DEVICE		TON
SURFACE COURSE		2,436
TOTAL		2,436

ENGINEERING FIELD OFFICE TYPE A		CAL MO
JOBSITE		4
TOTAL		4

CHANGEABLE MESSAGE SIGN		CAL DA
2 BOARDS / 1 WEEK / JOBSITE		14
TOTAL		14

MOBILIZATION		L SUM
JOBSITE		1
TOTAL		1

TRAF CONT & PROT STD 701336		L SUM
JOBSITE		1
TOTAL		1

CONSTRUCTION STATION LAYOUT		L SUM
JOBSITE		1
TOTAL		1

TRAF CONT & PROT STD 701306		L SUM
JOBSITE		1
TOTAL		1

MOWING		
LOCATION	LENGTH (FT)	RT/LT (UNIT)
JOBSITE	7,516	76
TOTAL	7,516	76

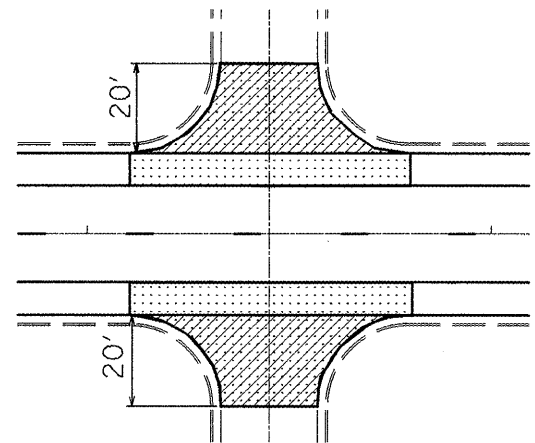
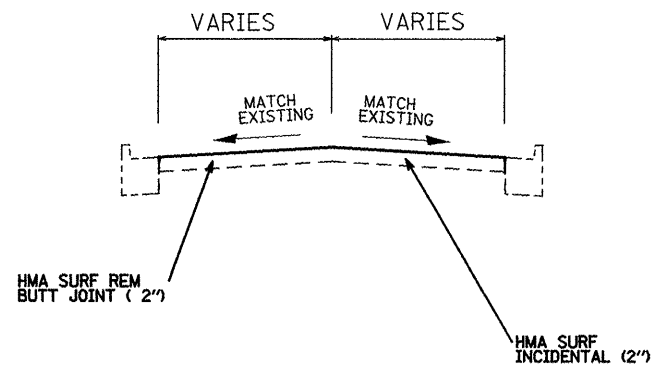
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	46RS-3;131RS-5	KNOX, PEORIA	18	11
CONTRACT NO. 68958				
ILLINOIS				



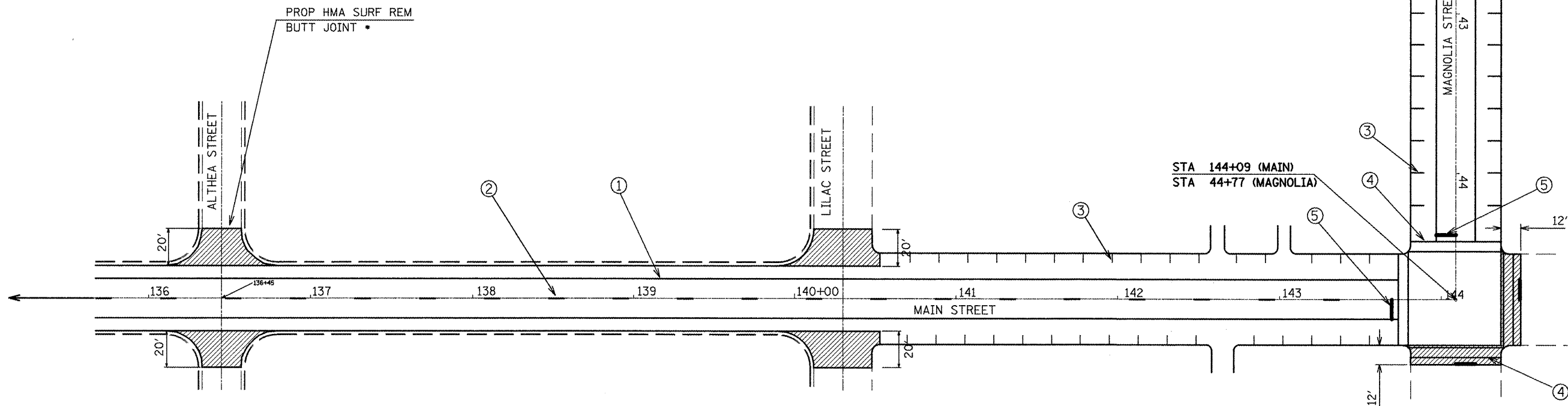
* ALL CITY STREETS IN THE CITY OF ELMWOOD SHALL BE MILLED AND RESURFACED (INCIDENTAL) TO THE RADIUS OF RETURNS (APPROXIMATELY 20')

HMA SURF REM BUTT JOINT (2")
 HMA SURF INCIDENTAL (2")

SIDEROAD DETAIL

PAVEMENT MARKING LEGEND

- ① LINE 4" (WHITE)
- ② LINE 4" (YELLOW)
- ③ LINE 6" (WHITE)
- ④ LINE 8" (WHITE)
- ⑤ LINE 24" (STOP BAR)



FILE NAME = 68958 Phase II.dgn
 USER NAME = jacobsmr
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 3/18/2010

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

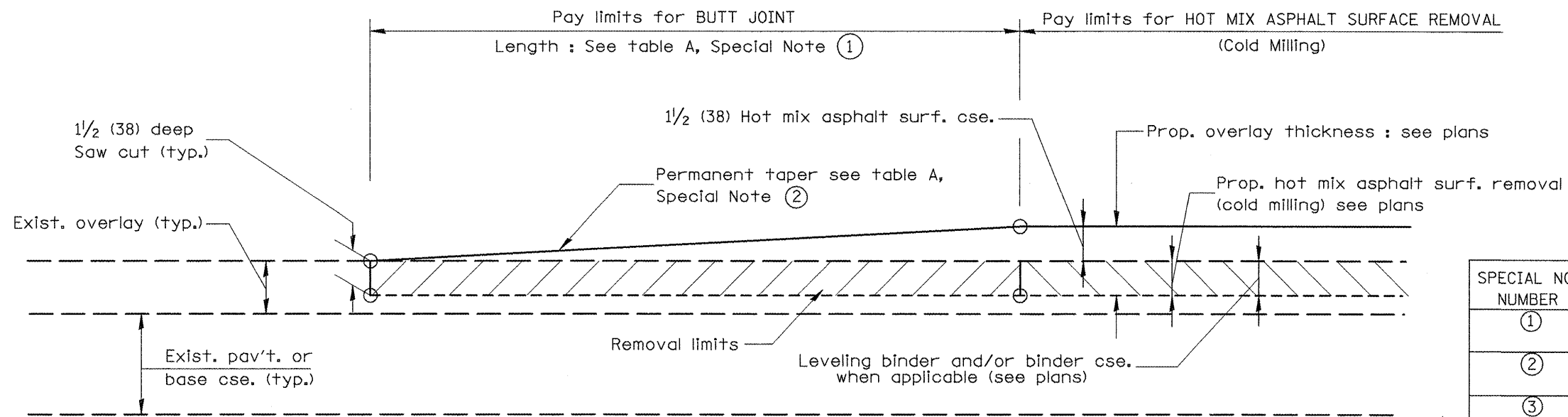
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING /SIDEROAD DETAIL

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

F.A.P. RTE. 22	SECTION 46RS-3;131RS-5	COUNTY KNOX/PEORIA	TOTAL SHEETS 18	SHEET NO. 12
ILLINOIS			CONTRACT NO. 68958	



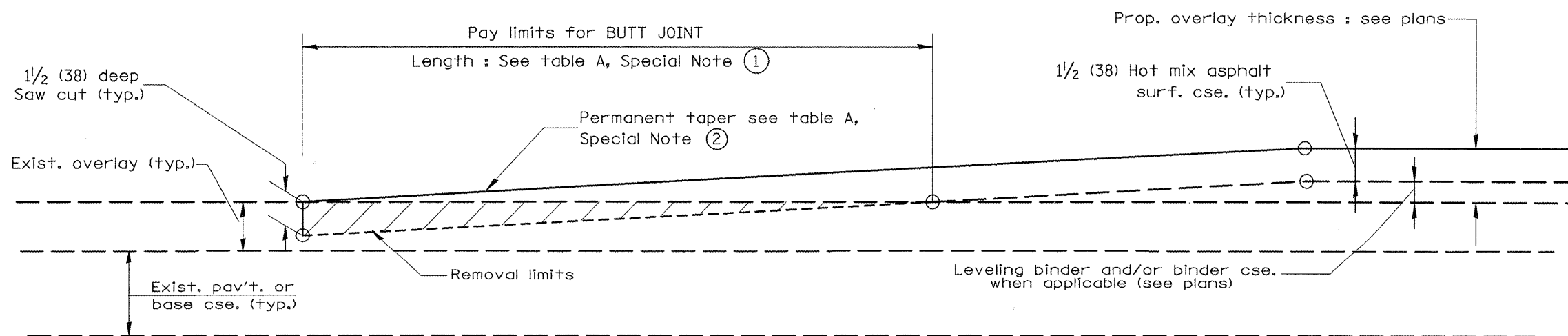
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

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



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.			

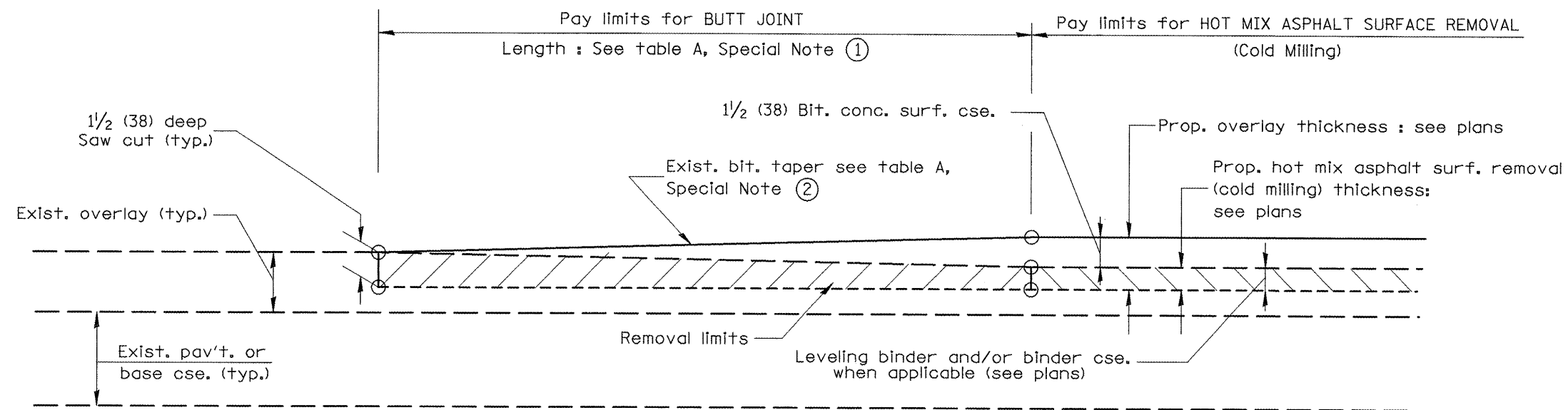
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

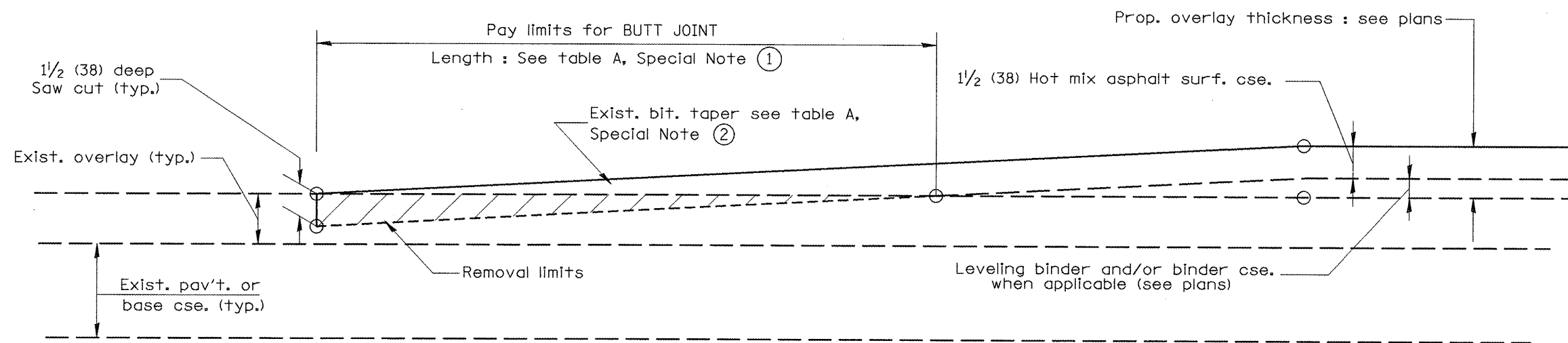
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

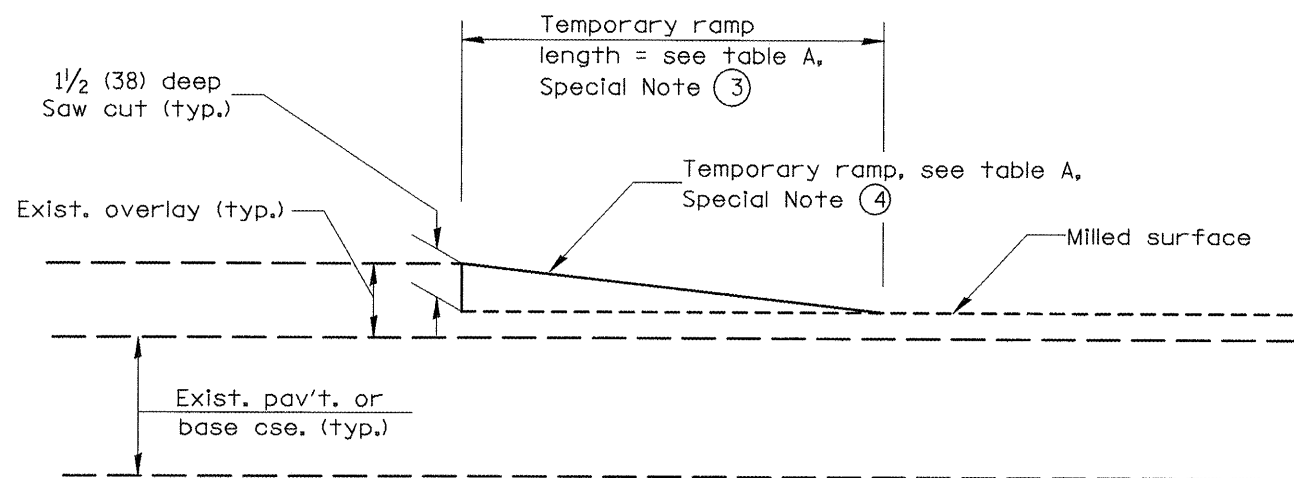
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	46RS-3;131RS-5	KNOX/PEORIA	18	13
ILLINOIS			CONTRACT NO. 68958	



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



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



DETAIL TEMPORARY RAMP

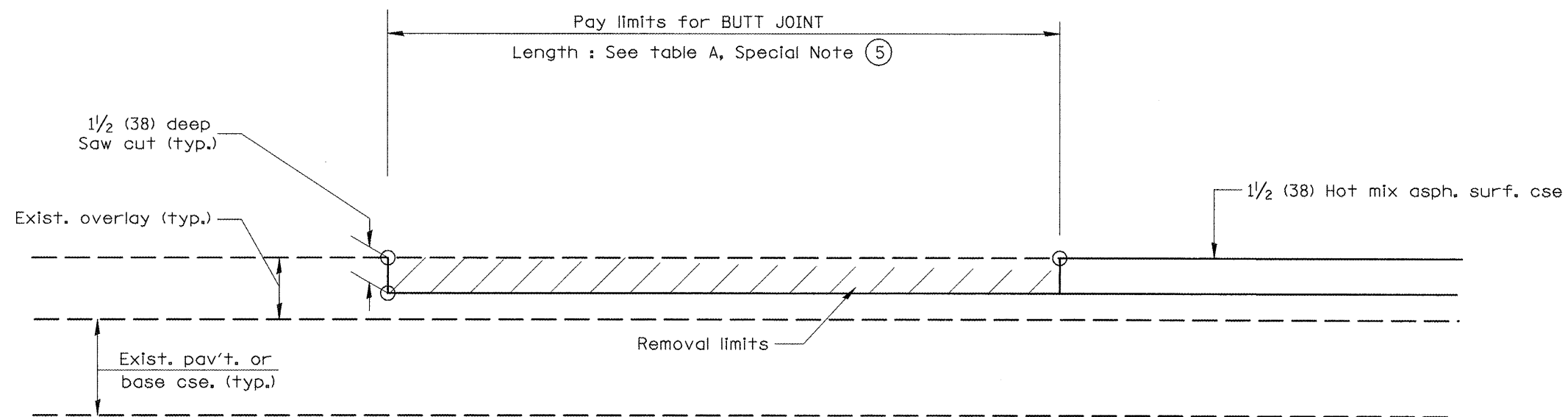
All dimensions are in inches (millimeters) unless otherwise noted.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS
NOT TO SCALE
SHT. 2 OF 3
CADD STD. 406101-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	46RS-3;131RS-5	KNOX/PEORIA	18	14
CONTRACT NO. 68958			ILLINOIS	



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

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

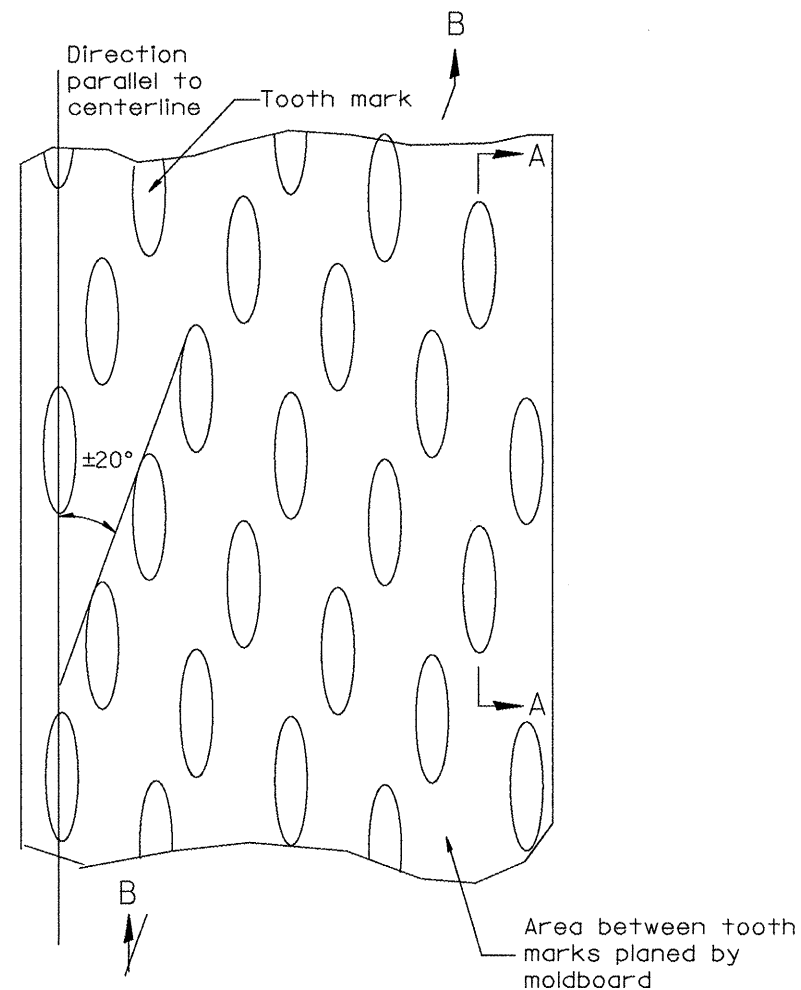
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 3 OF 3
CADD STD. 406101-D4

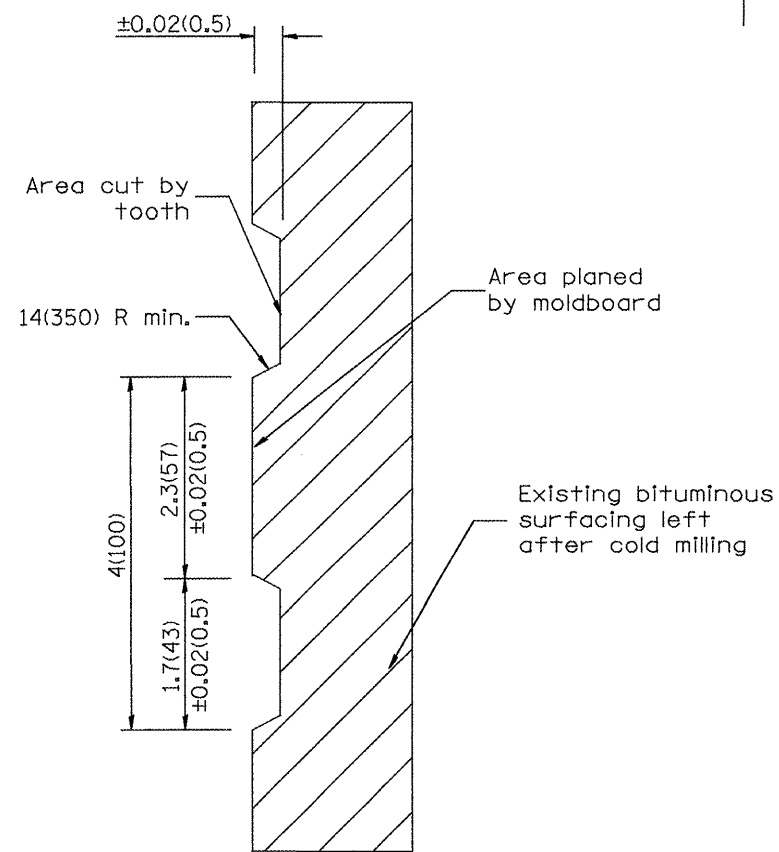
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	46RS-34131RS-5	KNOX/PEORIA	18	15
			CONTRACT NO. 68958	
ILLINOIS				



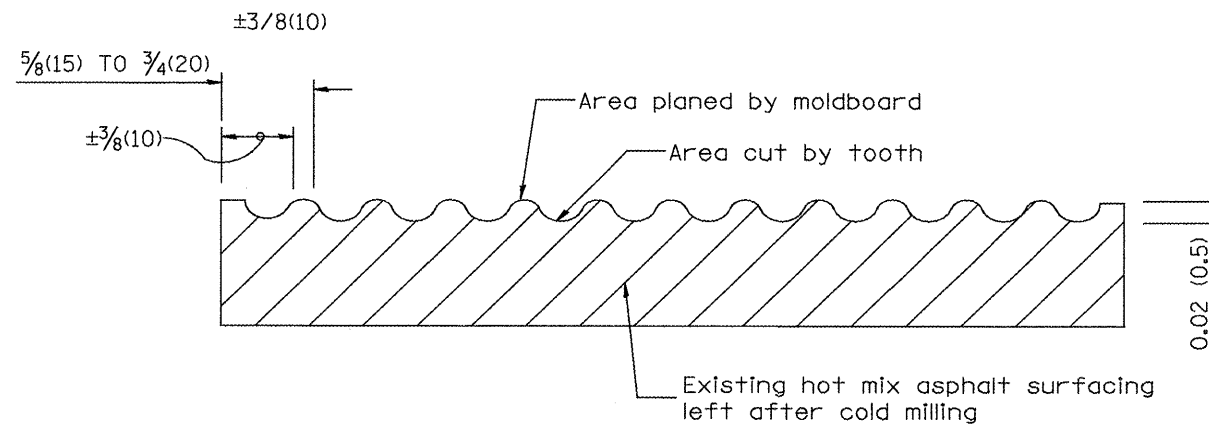
PLAN

General notes:

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



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

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

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

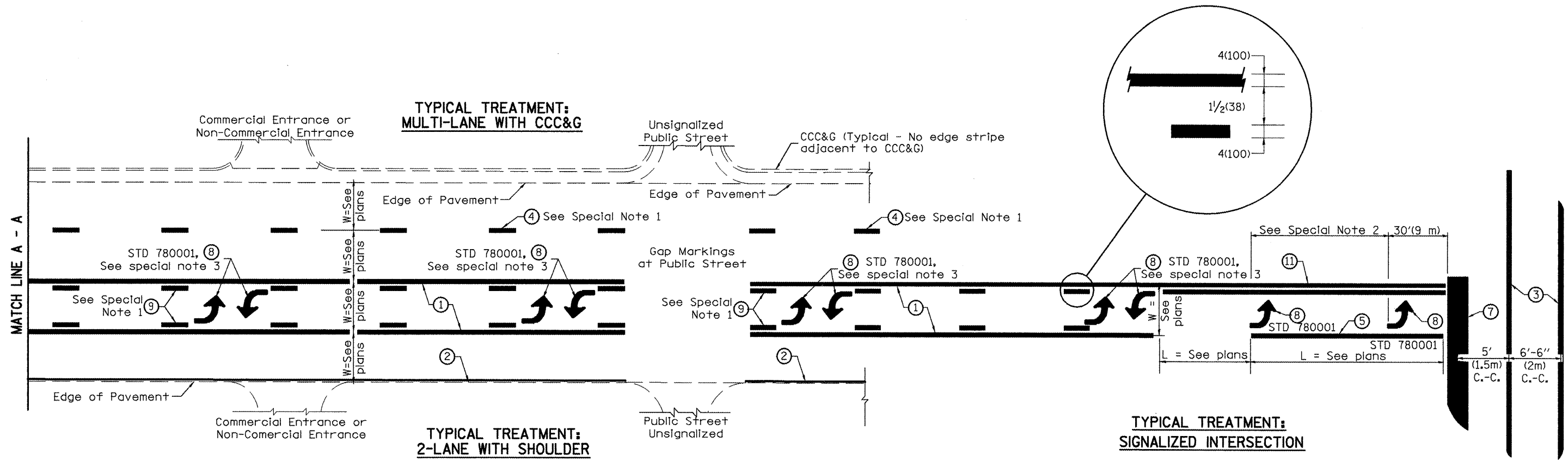
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

CADD STD. 440001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	46RS-3 ₁ 131RS-5	KNOX/PEORIA	18	16
CONTRACT NO. 68460			ILLINOIS	



**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)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

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

GENERAL NOTES

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

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	46RS-3131RS-5	KNOX/PEORIA	18	17
ILLINOIS			CONTRACT NO. 68958	

