

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAS ROUTE 2370 (IL 26)
SECTION (1G,18CS)RS-1,(3)RS-2;RS& ETC
PROJECT RS-2370(113)
MARSHALL COUNTY
C-94-032-06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	1G,18CSRS-1,(3)RS-2;RS&12Z,2RS-2	MARSHALL	15	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 68560		

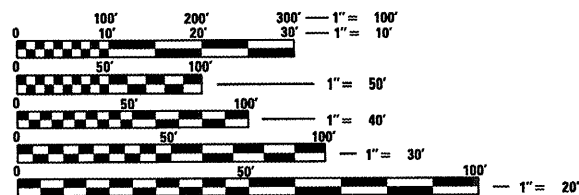
INDEX OF SHEETS

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STANDARDS

701006-03	701901-01
701011-02	780001-02
701201-03	781001-03
701306-02	886001-01
701311-03	886006-01

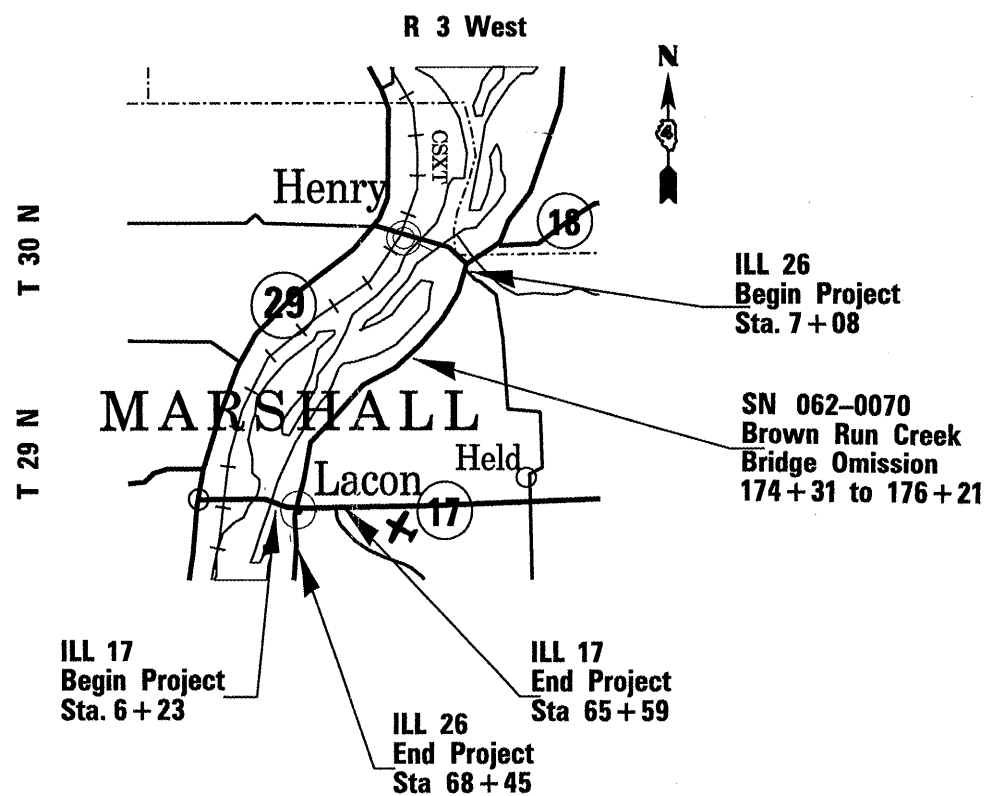
ILL 17	ILL 26
ADT = 7200 (2007)	2500 (2007)
MU = 4% (2007)	4% (2007)
SU = 5% (2007)	6% (2007)



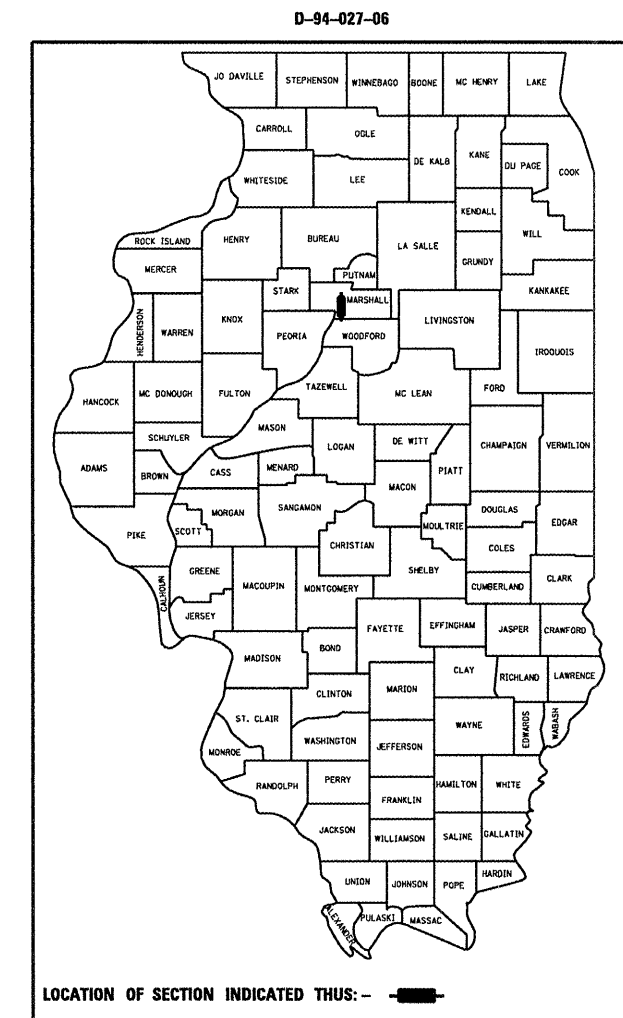
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: C. Maushard 309671-3453
PROJECT MANAGER: R. Samara 309671-3477
CATALOG # 033186-00D
CONTRACT NO. 68560



	ILL 17	ILL 26
GROSS LENGTH	5936 FT	35832 FT
NET LENGTH	5471 FT	35162 FT
TOTAL IMPROVEMENT	40633 FT	7.69 MILES



Project Description:
This work consists of cold milling, HMA overlay, pavement marking, and related work.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED OCT 14 20 08

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 5, 20 08
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

December 5, 20 08
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

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

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 P10100
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form-D4 P10101

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

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.

ENGINEERS FIELD OFFICE

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

PAVEMENT STATIONING NUMBERS & PLACEMENT

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

The pavement station numbers shall be installed as specified herein:

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

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

Location:

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

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

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

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

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	HMA Surface	Poly Level Binder	HMA Binder
AC/PG:	PG 64 -22	SBS 70 -22	PG 64 -22
RAP % (Max)**:	15%	0	25%
Design Air Voids:	4% @ N=50	3% @ N=50	4% @ N=50
Mixture Composition: (Gradation Mixture)	IL 12.5 or 9.5	IL 4.75	IL 19.0
Friction Aggregate	Mix D	NA	NA

** If the RAP option is selected, the asphalt cement grade may need to be adjusted; this will be determined by the Engineer.

COMMITMENTS

No commitments have been made for this project.

JOB SPECIFIC NOTES

The contractor shall place the "HMA Binder Course" the same day as the "HMA Surface Removal 4" operation.

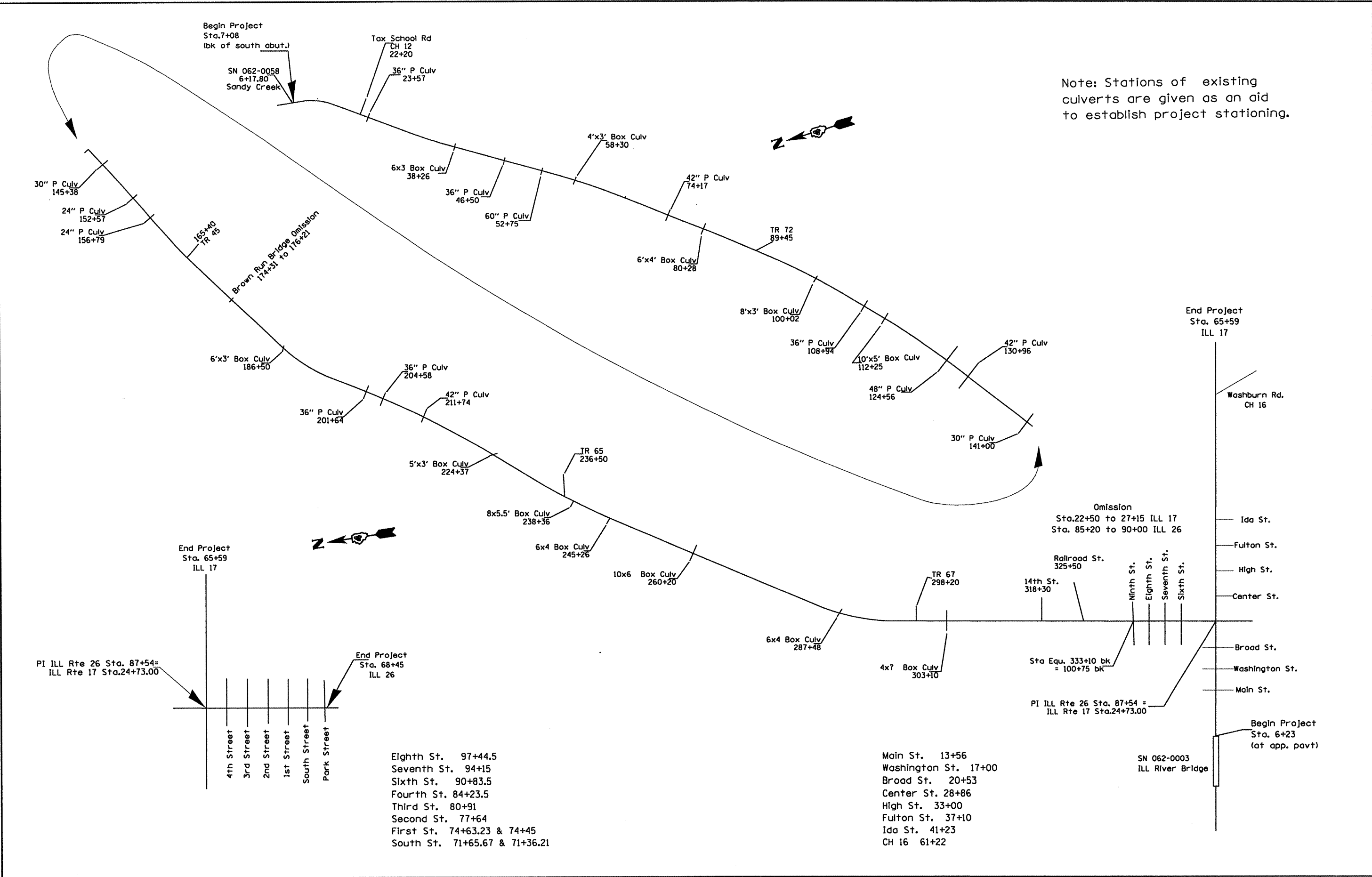
Within the city limits of Lacon, the pavement shall be swept after cold-milling by a self-propelled street sweeper with power capability to prevent compaction of the cuttings onto the pavement. This cleanup work shall be included in the contract unit bid price per square yard for "Hot-Mix Asphalt Surface Removal" of the depth specified.

FILE NAME =	USER NAME = longer	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, COMMITMENTS, JOB SPECIFIC NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\GEN\DRIFT\STD&PLNS\Squad\N68568 IL2	N Lacon\plans.dgn	DRAWN - ---	REVISED - ---			649	11G,18CSRS-1,13RS-2,RS&12,2RS-2	MARSHALL	15	2	
PLOT SCALE = 206.0058' / IN.		CHECKED - ---	REVISED - ---			CONTRACT NO. 68560					
PLOT DATE = 8/15/2008		DATE - -----	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					
					SCALE: -----	SHEET NO. --- OF --- SHEETS		STA. ----- TO STA. -----			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		MARSHALL COUNTY (1000) 80% FEDERAL 20% STATE	MARSHALL COUNTY (1000) 50% STATE 50% CITY	-----	CODE NO	ITEM	UNIT		MARSHALL COUNTY (1000) 80% FEDERAL 20% STATE	MARSHALL COUNTY (1000) 50% STATE 50% CITY	-----
40600215	POLYMERIZED BITUMINOUS MATERIAL (PRIME COAT)	TON	58.4	54.8	3.6	*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	509	509			
40600300	AGGREGATE (PRIME COAT)	TON	329	310.7	18.3	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	509	509			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	31	31		*88600100	DETECTOR LOOP, TYPE I	FOOT	160	160			
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		X0322729	MATERIAL TRANSFER DEVICE	TON	10938	10938			
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	527	527		*X2503100	MOWING	UNIT	406	406			
40600990	TEMPORARY RAMP	SO YD	730	730		X4067107	POLYMERIZED LEVELING BINDER (MACHINE MET HOD), IL-4.75, N50	TON	3669	3669			
40603080	HOT - MIX ASPHALT BINDER COURSE, IL - 19 .0, N50	TON	364	364		X0326245	WEATHER SENSOR UPGRADE AND REPLACE	L SUM	1	1			
40603335	HOT MIX - ASPHALT SURFACE COURSE, MIX "D", N50	TON	10938	9915	1023								
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SO YD	85064	85064									
44000157	HOT - MIX ASPHALT SURFACE REMOVAL, 2 "	SO YD	31377	22294.6	9082.4								
44000165	HOT - MIX ASPHALT SURFACE REMOVAL, 4"	SO YD	2000	2000									
48101200	AGGREGATE SHOULDERS, TYPE B	TON	928	928									
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3									
67100100	MOBILIZATION	L SUM	1	1									
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1									
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1									
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	11387	11387									
70300210	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	SO FT	13.8	13.8									
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	92654	92654									
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	168	168									
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	216	216									
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	44	44									
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	1354	1354									
*78005100	EPOXY PAVEMENT MARKING-LETTERS AND SYMBOLS	SO FT	13.8	13.8									
*78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	92654	92654									
*78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	168	168									
*78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	216	216									
*78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	44	44									

■ NON-PARTICIPATING

FILE NAME S:\GEN\DRFT\STD&PLNS\Squad1\68560_IL2	USER NAME = longsr N Lacon\plans.dgn	DESIGNED - --- DRAWN - ---	REVISED - --- REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE. 649	SECTION 116.18CSRS-1JMS-2RS42ZRS-2	COUNTY MARSHALL	TOTAL SHEETS 15	SHEET NO. 3
PLOT SCALE = 206.0223' / IN.		CHECKED - ---	REVISED - ---			CONTRACT NO. 68560				
PLOT DATE = 10/10/2009		DATE - ---	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = longer	DESIGNED -	REVISD -
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	PLOT SCALE = 206.9061' / IN.	CHECKED -	REVISD -
	PLOT DATE = 7/24/2008	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

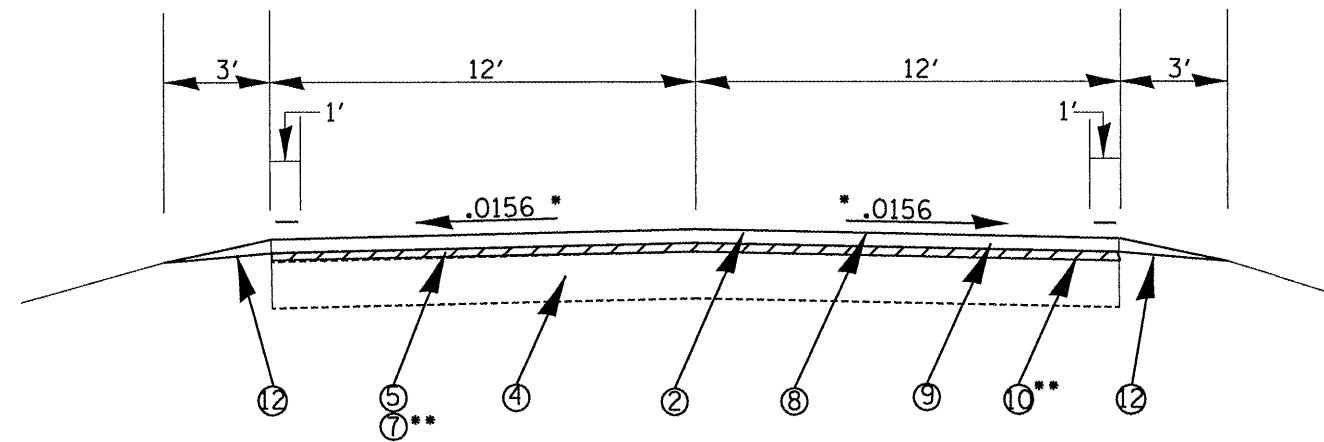
LINE DIAGRAM	
SCALE: _____	SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	110.18CSRS-1.3RS-2PS&2Z.2RS-2	MARSHALL	15	4
CONTRACT NO. 68560				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

Eighth St. 97+44.5
 Seventh St. 94+15
 Sixth St. 90+83.5
 Fourth St. 84+23.5
 Third St. 80+91
 Second St. 77+64
 First St. 74+63.23 & 74+45
 South St. 71+65.67 & 71+36.21

Main St. 13+56
 Washington St. 17+00
 Broad St. 20+53
 Center St. 28+86
 High St. 33+00
 Fulton St. 37+10
 Ida St. 41+23
 CH 16 61+22

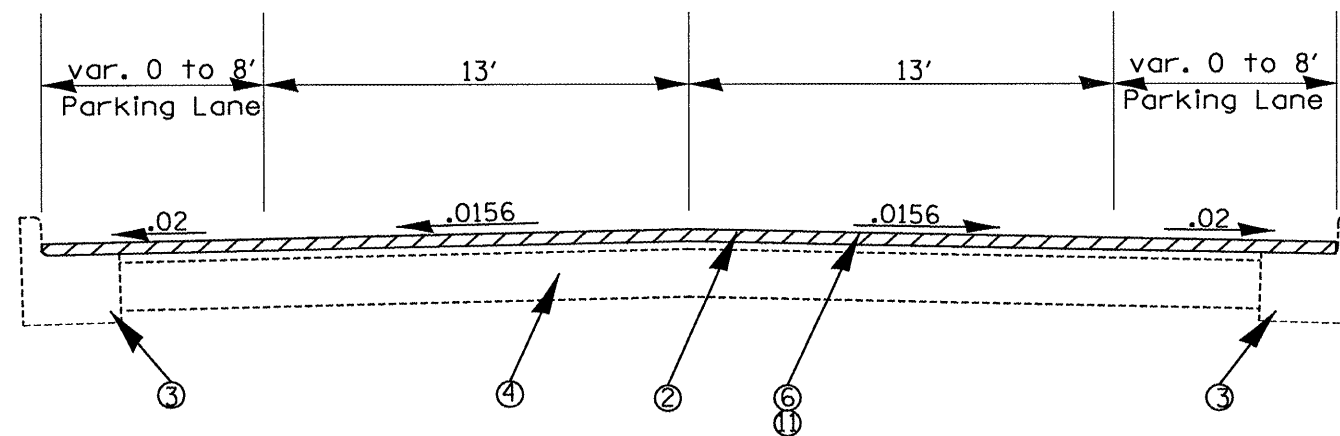
SN 062-0003
ILL River Bridge



ILL. 26

STA. 7+08 to 174+31
 STA. 176+21 to 315+85
 ** Sta. 7+28 to 14+78

* MATCH EXISTING IN SUPERELEVATED LOCATIONS



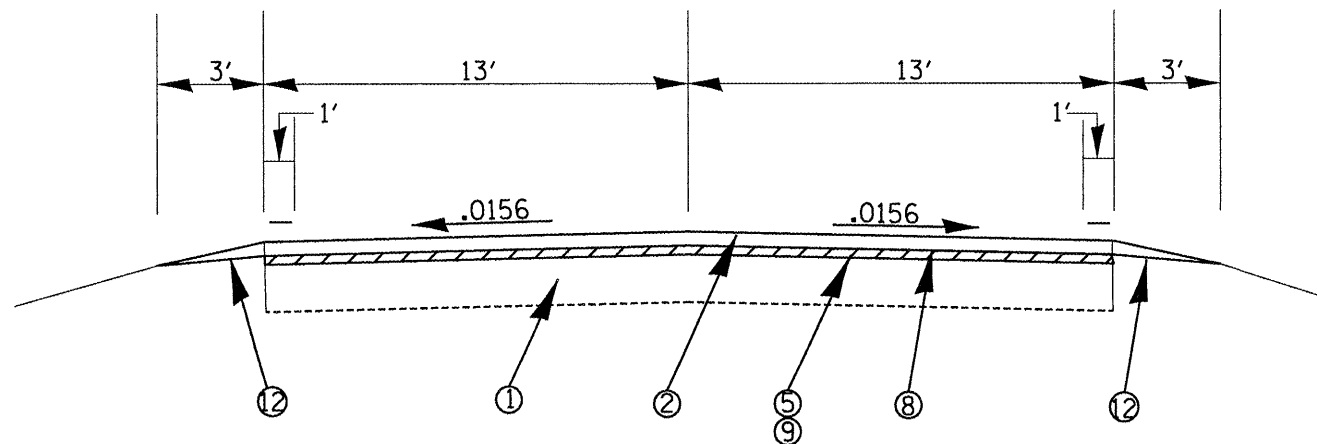
ILL. 26

STA. 315+85 to 333+10 bk
 STA. 90+00 to 100+75 bk
 STA. 68+45 to 85+20 (south of IL 17)

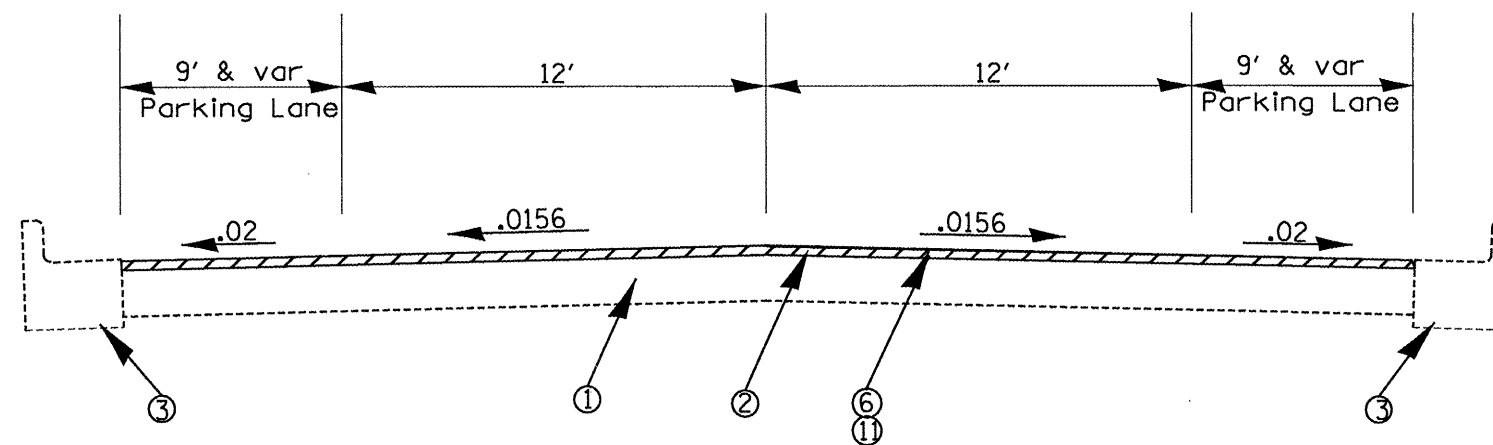
LEGEND

- ① EXISTING PAVEMENT
- ② EXISTING HMA OVERLAY 7" +/-
- ③ EXISTING CCC&G
- ④ EXISTING AGGREGATE BASE
- ⑤ PROPOSED HMA SURFACE REMOVAL 3/4"
- ⑥ PROPOSED HMA SURFACE REMOVAL 2"
- ⑦ PROPOSED HMA SURFACE REMOVAL 4"
- ⑧ PROPOSED HMA SURFACE CSE 1 1/2"
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER 3/4"
- ⑩ PROPOSED HMA BINDER CSE 3 1/4"
- ⑪ PROPOSED HMA SURFACE CSE 2"
- ⑫ PROPOSED AGGREGATE SHOULDERS TYPE B

FILE NAME =	USER NAME = longar	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL. 26 TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRIFT\STD&PLNS\Squad\68560 IL2	N Leon\plens.dgn	DRAWN -	REVISED -				649	HQ.10CSRS-1,3RS-2RS4(22,2RS-2	MARSHALL	15	5
	PLOT SCALE = 206.8058 ' / IN.	CHECKED -	REVISED -		SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		CONTRACT NO. 68560		
	PLOT DATE = 10/7/2008	DATE -	REVISED -								



ILL. 17
STA. 46+44 to 65+59



ILL. 17
STA. 6+23 to 22+50
STA. 27+15 to 46+44

LEGEND

- ① EXISTING PAVEMENT
- ② EXISTING HMA OVERLAY 7" +/-
- ③ EXISTING CCC&G
- ④ EXISTING AGGREGATE BASE
- ⑤ PROPOSED HMA SURFACE REMOVAL 3/4"
- ⑥ PROPOSED HMA SURFACE REMOVAL 2"
- ⑦ PROPOSED HMA SURFACE REMOVAL 4"
- ⑧ PROPOSED HMA SURFACE CSE 1 1/2"
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER 3/4"
- ⑩ PROPOSED HMA BINDER CSE 3 1/4"
- ⑪ PROPOSED HMA SURFACE CSE 2"
- ⑫ PROPOSED AGGREGATE SHOULDERS TYPE B

FILE NAME =	USER NAME = longar	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 17 TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\GEN\DRAW\STD&PLNS\Squad\68560 IL2	N Lacon\plans.dgn	DRAWN -	REVISED -			649	HQ.18CSRS-1,3RS-2,RS4(22,2RS-2	MARSHALL	15	6	
	PLOT SCALE = 206.8058 ' / IN.	CHECKED -	REVISED -			CONTRACT NO. 68560					
	PLOT DATE = 10/7/2008	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

DETECTOR LOOPS TYPE I

LOCATION	FOOT
IL 17	
Sta. 22+00	35
Sta. 27+40	35
Sta. 30+43	45
Sta. 35+89	<u>45</u>
Total	160

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION	EACH
IL 17	
Sta. 6+23 to 65+59	69
IL 26	
Sta. 7+08 to 68+45	<u>440</u>
Total	509

RAISED REFLECTIVE PAVEMENT MARKERS

LOCATION	EACH
IL 17	
Sta. 6+23 to 65+59	69
IL 26	
Sta. 7+08 to 68+45	<u>440</u>
Total	509

WEATHER SENSOR UPGRADE & REPLACE

LOCATION	L SUM
IL 17	
EBL & WBL +/- Sta.7+21	1

SHORT TERM PAVEMENT MARKING

LOCATION	FOOT
IL 17	
Sta. 6+23 to 22+50	325
Sta. 27+15 to 46+44	386
Sta. 46+44 to 65+59	575
IL 26	
Sta. 7+08 to 174+31	5017
Sta. 176+21 to 315+85	4189
Sta. 315+85 to 333+10 bk	345
Sta. 68+45 to 85+20 (S. of IL 17)	335
Sta. 90+00 to 100+75 bk	<u>215</u>
Total	11387

WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION	SQ FT
IL 17	
Sta. 6+23 to 22+50	540.2
Sta. 27+15 to 65+59	128.1
IL 26	
Sta. 7+08 to 174+31	557.4
Sta. 176+21 to 333+10 bk	523.0
Sta. 68+45 to 85+20 (S. of IL 17)	55.8
Sta. 90+00 to 100+75 bk	<u>35.8</u>
Total	1354.0

MOWING

LOCATION	UNIT
JOBSITE	406

HMA SURFACE REMOVAL - BUTT JOINT

LOCATION	SQ YD
IL 17	
Sta. 6+23 to 6+33	26.7
Sta. 22+40 to 22+50	46.7
Sta. 27+15 to 27+25	46.7
Sta. 65+29 to 65+59	86.7
IL 26	
Sta. 7+08 to 7+28	53.3
Sta. 174+01 to 174+31	80.0
Sta. 176+21 to 176+51	80.0
Sta. 90+00 to 90+10	37.8
Sta. 85+10 to 85+20	37.8
Sta. 68+45 to 68+55	<u>28.9</u>
Total	525.0

TEMPORARY RAMP

LOCATION	SQ YD
IL 17	
Sta. 6+23 to 6+30	18.7
Sta. 22+43 to 22+50	18.7
Sta. 27+15 to 27+22	18.7
Sta. 65+54 to 65+59	13.3
IL 26	
Sta. 7+08 to 7+13	13.3
Sta. 174+26 to 174+31	13.3
Sta. 176+21 to 176+26	13.3
Sta. 90+00 to 90+07	20.2
Sta. 85+13 to 85+20	20.2
Sta. 68+45 to 68+52	20.2
Side Roads	<u>560</u>
Total	730.0

EPOXY PAVEMENT MARKING LINE - 4"
 TEMPORARY PAVEMENT MARKING LINE - 4"

LOCATION	White feet	Yellow Skip feet
IL 17		
Sta. 6+23 to 22+50	704	407
Sta. 27+15 to 46+44		482
Sta. 46+44 to 65+59	3830	
IL 26		
Sta. 7+08 to 174+31	33446	3433
Sta. 176+21 to 333+10 bk	29938	3922
Sta. 68+45 to 85+20 (S. of IL 17)		419
90+00 to 100+75 bk		269
Sub-Total	67918	8932

LOCATION	Yellow NPZ feet
IL 17	
Lt. Sta. 6+23 to 10+37	414
Rt. Sta. 39+00 to 46+44	744
Lt. & Rt. Sta. 46+44 to 65+59	3830
IL 26	
Lt. & Rt. Sta. 7+08 to 14+08	1400
Lt. Sta. 14+08 to 24+00	992
Rt. Sta. 80+40 to 88+10	770
Lt. & Rt. Sta. 88+10 to 111+00	4580
Lt. Sta. 111+00 to 121+20	1020
Rt. Sta. 181+00 to 190+80	980
Lt. Sta. 190+80 to 201+54	1074
Sub-Total	15804
Total	92654

EPOXY PAVEMENT MARKING LINE - LETTERS AND SYMBOLS
 TEMPORARY PAVEMENT MARKING LINE - LETTERS AND SYMBOLS

LOCATION	sq. ft.
IL 17	
Handicap Symbol @ parking lanes (3@ 4.6 s.f. each)	13.8
Total	13.8

EPOXY PAVEMENT MARKING LINE - 6"
 TEMPORARY PAVEMENT MARKING LINE - 6"

LOCATION	feet
IL 17	
Crosswalk Sta. 32+75	84
Crosswalk Sta. 33+17	84
Total	168

EPOXY PAVEMENT MARKING LINE - 12"
 TEMPORARY PAVEMENT MARKING LINE - 12"

LOCATION	feet
IL 17	
Crosswalk Sta. 32+75	108
Crosswalk Sta. 33+17	108
Total	216

EPOXY PAVEMENT MARKING LINE - 24"
 TEMPORARY PAVEMENT MARKING LINE - 24"

LOCATION	feet
IL 17	
Stop Bar Sta. 32+68	22
Stop Bar Sta. 33+24	22
Total	44

MIXTURE FOR CRACKS JOINTS AND FLANGWAYS

LOCATION	ton
IL 17	5
IL 26	26
Total	31

FILE NAME =	USER NAME = longr	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	QUANTITIES NOT OTHERWISE SHOWN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\GEN\DRAWING\STD&PLNS\Squad1\68560 IL26	N Lecon\plans.dgn	DRAWN - ---	REVISED - ---			649	110.18CSRS-1,3RS-2RS4(22,2RS-2	MARSHALL	15	8	
	PLOT SCALE = 205.8058 ' / IN.	CHECKED - ---	REVISED - ---			CONTRACT NO. 68560					
	PLOT DATE = 8/1/2008	DATE - ---	REVISED - ---			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

TABULATION OF RESURFACING QUANTITIES

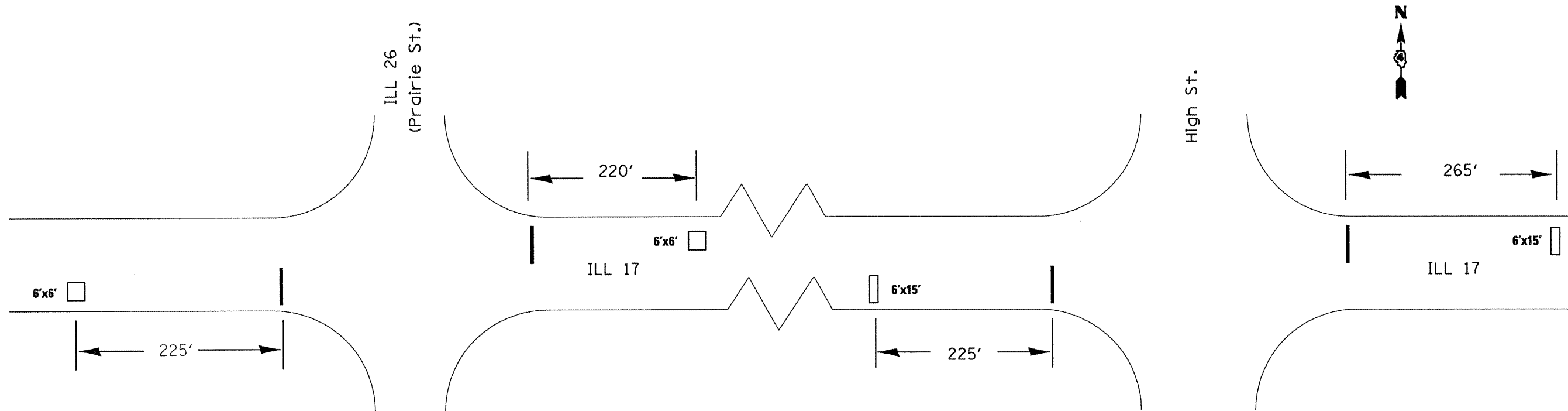
LOCATION	LENGTH	WIDTH	AREA	HMA SURF REM 3/4"	HMA SURF REM 2"	HMA SURF REM 4"	AGG PRIME CT	POLY BIT PRIME CT	POLY LEVEL BIND MM 3/4"	HMA BIND CSE 3 1/4"	HMA SURF CSE 1 1/2"	HMA SURF CSE 2"	AGG SHLDS TYPE B
	ft	ft	sq yd	sq yd	sq yd	sq yd	ton	ton	ton	ton	ton	ton	ton
IL 17													
Sta. 6+23 to 22+50	1627	24 & var.	4773.1		4719.7		9.6	1.9				534.6	
Sta. 27+15 to 46+44	1929	24	5144		5117.3		10.3	2.1				576.1	
Sta. 46+44 to 65+59	1915	26	5532.2	5445.6			16.6	2.9	232.4		464.7		54.6
IL 26													
Sta. 7+08 to 7+28	20	24	53.3				0.1	.03	2.2		4.5		0.6
Sta. 7+28 to 14+78	750	24	2000			2000	8	1.3	84	364	168		21.4
Sta. 14+78 to 174+31	15953	24	42541.3	42461.3			127.6	22.1	1786.7		3573.5		454.2
Sta. 176+21 to 315+85	13964	24	37237.3	37157.3			111.7	19.4	1564		3127.9		397.6
Sta. 315+85 to 333+10 (bk)	1725	24	4600		4600		9.2	1.8				515.2	
Sta. 68+45 to 85+20	1675	26	4838.9		4781.1		9.7	1.9				542	
Sta. 90+00 to 100+75 (bk)	1075	26	3105.6		3076.7		6.2	1.2				347.8	
PARKING LANES													
IL 17													
Lt. & Rt. Sta. 10+14 to 22+50	1236	10	2746.7		2724.4		5.5	1.1				307.6	
Lt. & Rt. Sta. 27+15 to 46+44	1929	9	3858		3838		7.7	1.5				432.1	
IL 26													
Lt. Sta. 315+85 to 325+90	1005	8	893.3		893.3		1.8	0.4				100.1	
Lt. & Rt. Sta. 325+90 to 333+10 (bk)	720	8	1280		1280		2.6	0.5				143.4	
Lt. Sta. 90+00 to 94+00	400	8	355.6		346.7		.7	0.1				39.8	
Side Roads, Entrances, & Mailboxes							2	0.2			60		
				85064	31377	2000	329	58.4	3669	364	*10938		928

Parking lane quantities to be paid for under the city of Lacon fund code.

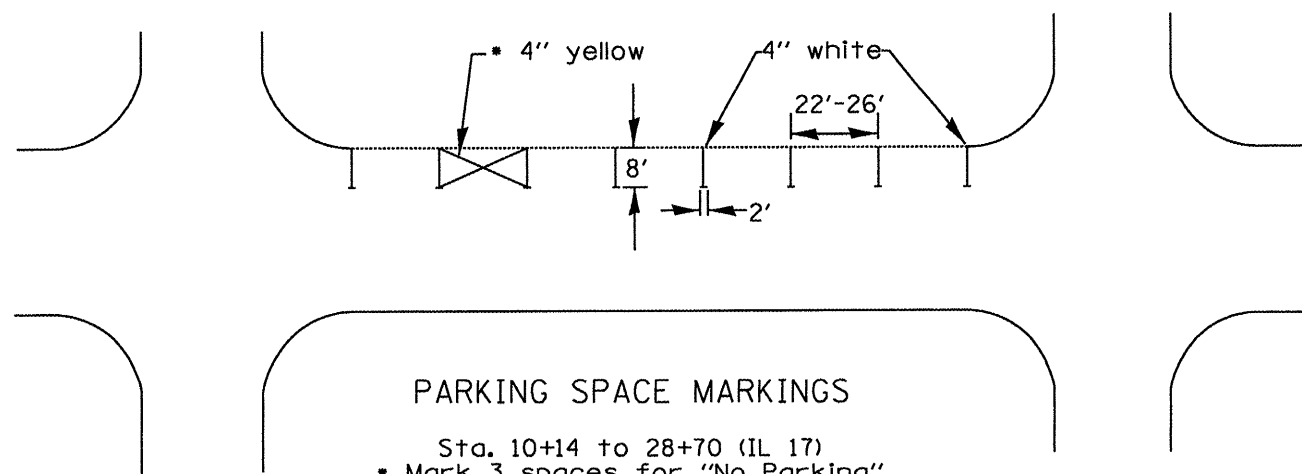
*Placement with Material Transfer Device

PRIME COAT CONVERSION FACTORS		
SURFACE TYPE	BIT PR COAT gal/sq yd	AGG PR COAT lb/sq yd
GRANULAR BASE	0.5	-
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW BITUMINOUS COURSES	0.03	2

BITUMINOUS & AGGREGATE CONVERSION FACTORS	
SURFACE TYPE	RATE
BIT. SURF. COURSES	112 lb/sq yd/in
ALL OTHER BIT.	112 lb/sq yd/in
AGGREGATE SHOULDERS	2.05 ton/cu yd

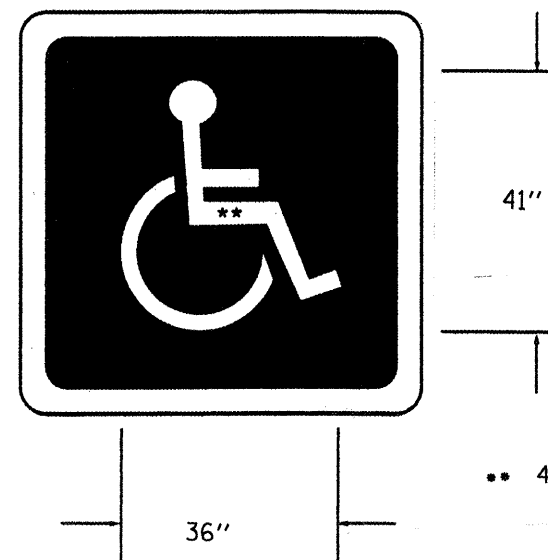


DETECTOR LOOP LOCATIONS

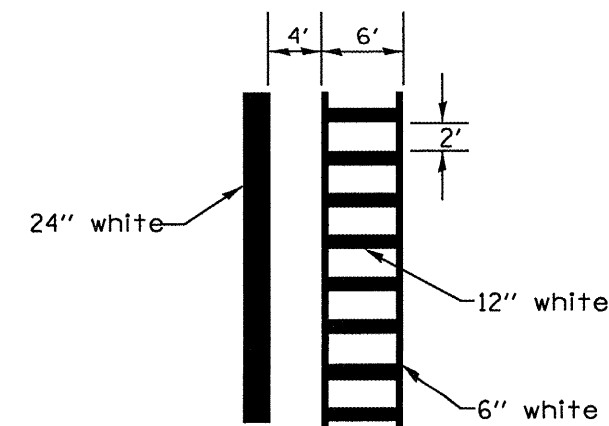


PARKING SPACE MARKINGS

Sta. 10+14 to 28+70 (IL 17)
 • Mark 3 spaces for "No Parking"
 @ It. Sta. 27+15 to 27+90 (IL 17)



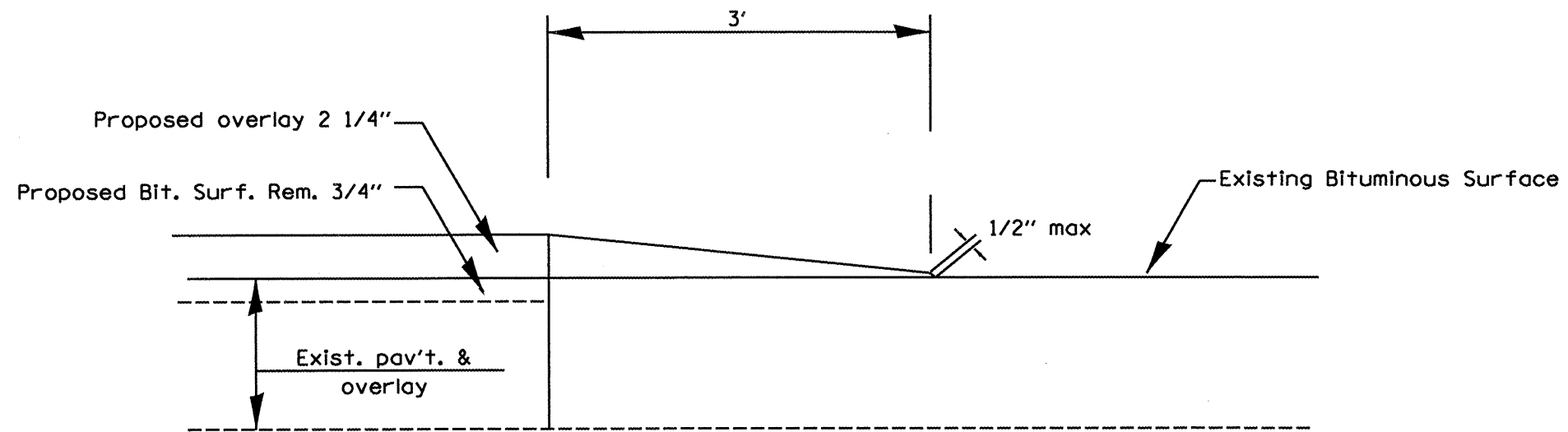
DETAIL FOR HANDICAP MARKING



DETAIL FOR CROSSWALKS AND STOP BARS

NOT TO SCALE

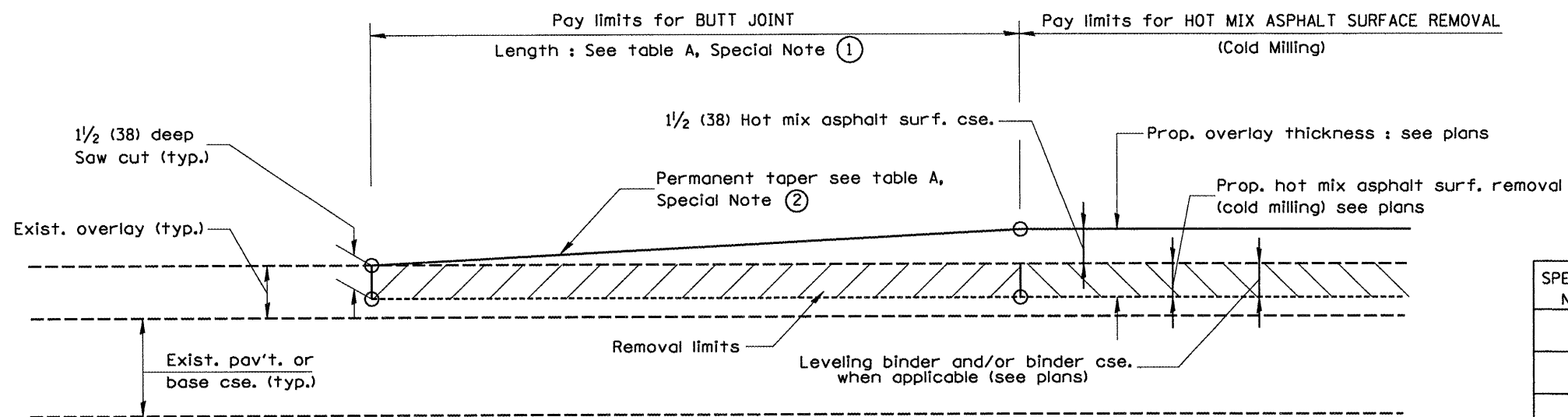
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S:\GEN\DRAW\STD&PLNS\Squad\68560 IL2	N Lecon\plans.dgn	DRAWN -	REVISED -				649	110.18CSRS-1.13RS-2RS&422.2RS-2	MARSHALL	15	10
	PLOT SCALE = 206.8058' / IN.	CHECKED -	REVISED -		SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/5/2008	DATE -	REVISED -		CONTRACT NO. 68560						



FOR SIDEROADS, DRIVEWAYS, AND MAILBOX TURNOUTS

NOT TO SCALE

FILE NAME =	USER NAME = longsr	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEROADS, DRIVEWAYS, AND MAILBOX TURNOUTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\GEN\DRAW\STD&PLNS\Squad\68560 IL2	N Lacon\plans.dgn	DRAWN - ---	REVISED - ---			649	110J8CSWS-1,3WS-2RS&4Z,2RS-2	MARSHALL	15	11	
	PLOT SCALE = 206.8058 ' / IN.	CHECKED - ---	REVISED - ---			CONTRACT NO. 68560					
	PLOT DATE = 7/24/2008	DATE - -----	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					
						SCALE: -----	SHEET NO. -- OF --- SHEETS	STA. ----- TO STA. -----			



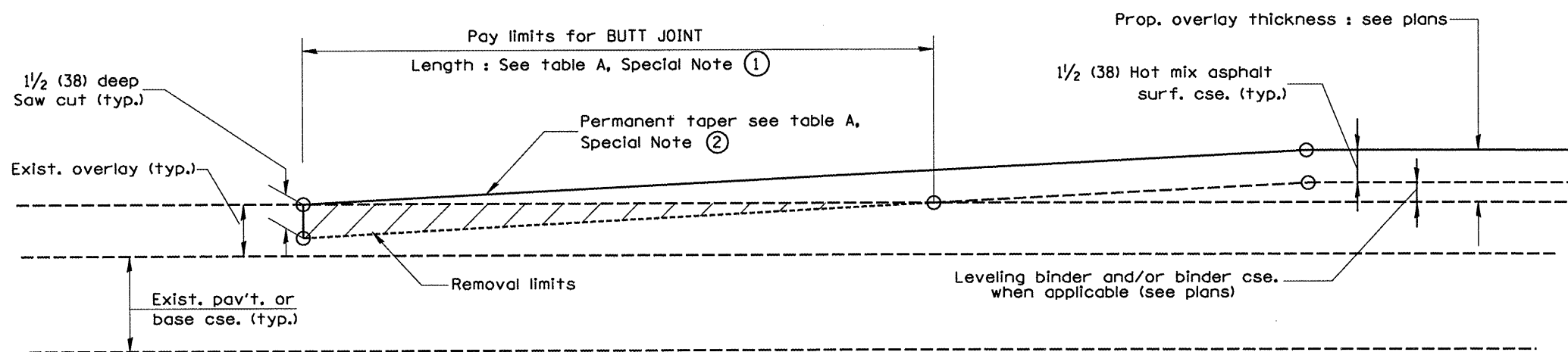
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

BUTT JOINTS

DATE	REVISIONS	BY
1-1-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
4-1-97	CORRECTION TO DEPTH	J.A.
9-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

FILE NAME =	USER NAME = longar	DESIGNED - ---	REVISED - ---
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PLOT SCALE = 206.8898 ' / IN.		CHECKED - ---	REVISED - ---
PLOT DATE = 7/24/2008		DATE - ---	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

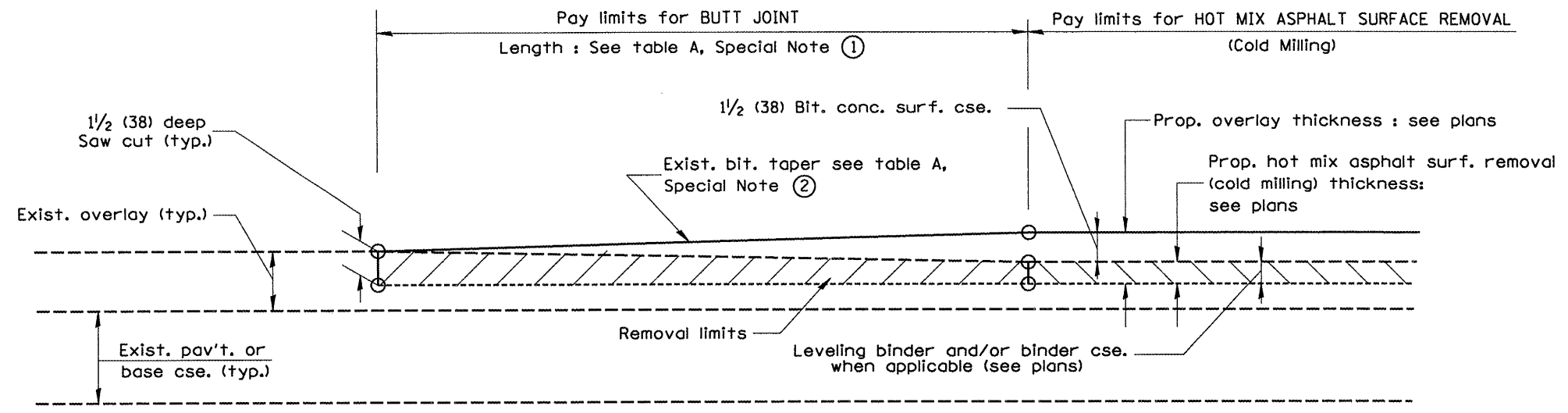
406101 - D4

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

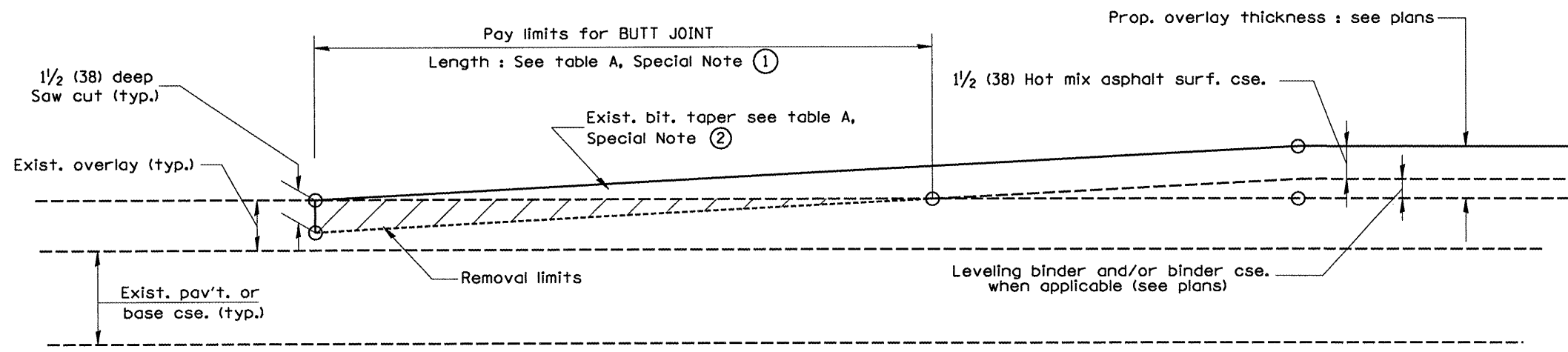
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	1G18CSRS-1,13RS-2,RS422,2RS-2	MARSHALL	15	12

CONTRACT NO. 68560

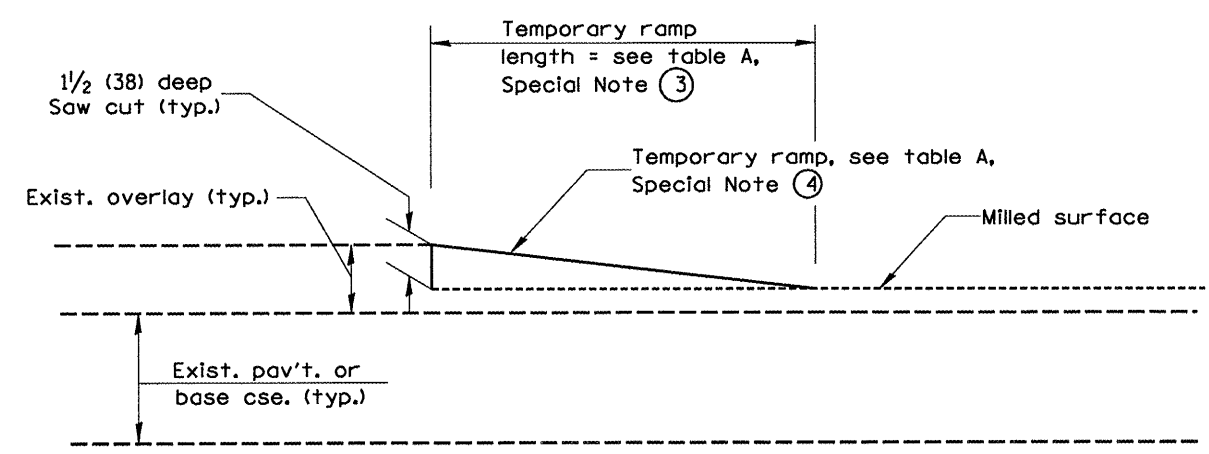
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



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



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



DETAIL TEMPORARY RAMP

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

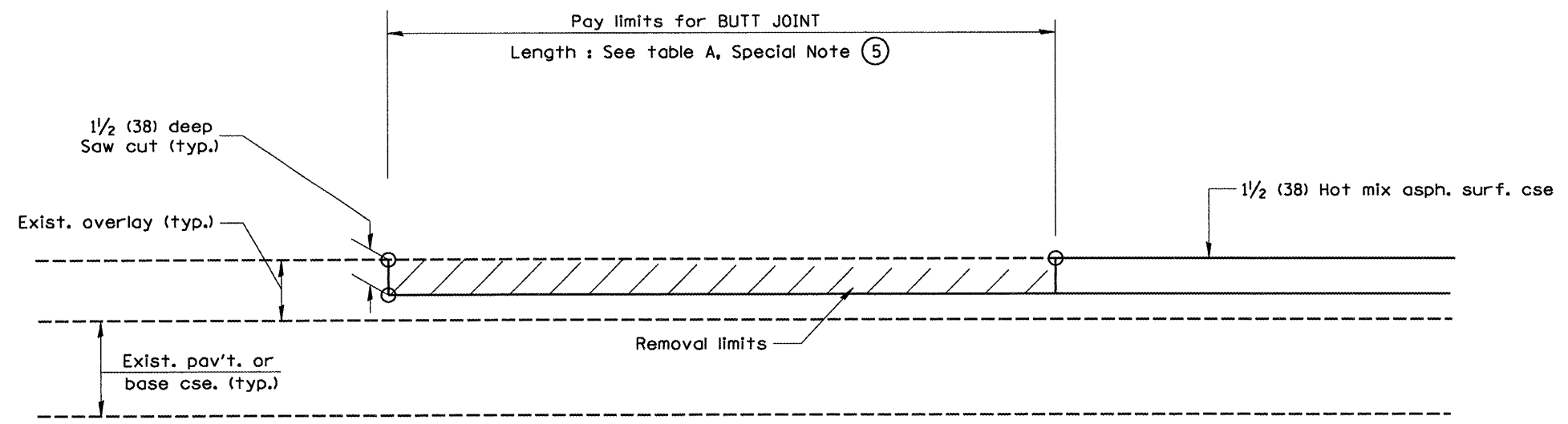
ILLINOIS DEPARTMENT OF TRANSPORTATION			
DISTRICT CADD STANDARD			
BUTT JOINTS			
CADD STD NO. 406101-D4		SHEET 2 OF 3	
SCALE: NOT DRAWN TO SCALE		DRAWN BY CADD	
CHECKED BY			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
649	110,18CSRS-1,13RS-2,RS422,2RS-2	MARSHALL	15
FED. ROAD DIST. NO. -		ILLINOIS FED. AID PROJECT	SHEET NO. 13
		CONTRACT NO. 68560	

FILE NAME =	USER NAME = langer	DESIGNED - ---	REVISED - ---
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	PLT DATE = 7/24/2008	DATE - -----	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

406101 - D4 (2)

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



**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.

ILLINOIS DEPARTMENT OF TRANSPORTATION				
DISTRICT CADD STANDARD				
BUTT JOINTS				
CADD STD NO. 406101-D4			SHEET 3 OF 3	
SCALE: NOT DRAWN TO SCALE			DRAWN BY CADD	
CHECKED BY				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	10,18CSRS-1,13RS-2,RS422,2RS-2	MARSHALL	15	14
CONTRACT NO. 68560				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

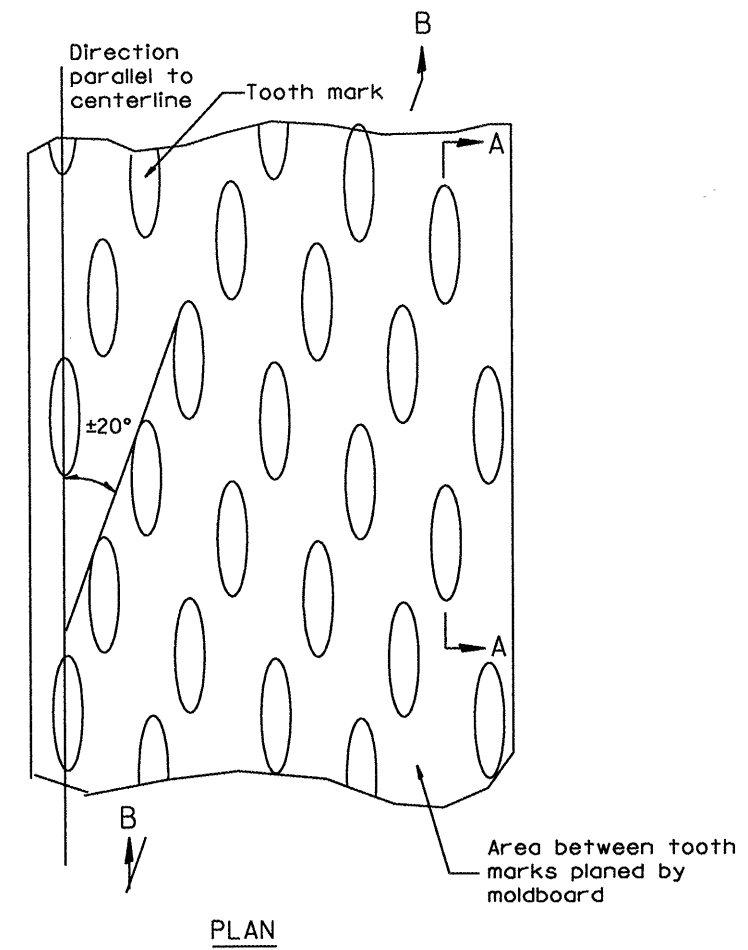
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	PLOT SCALE = 206.8058' / IN.	CHECKED -	REVISD -
	PLOT DATE = 7/24/2008	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

406101- D4 (3)

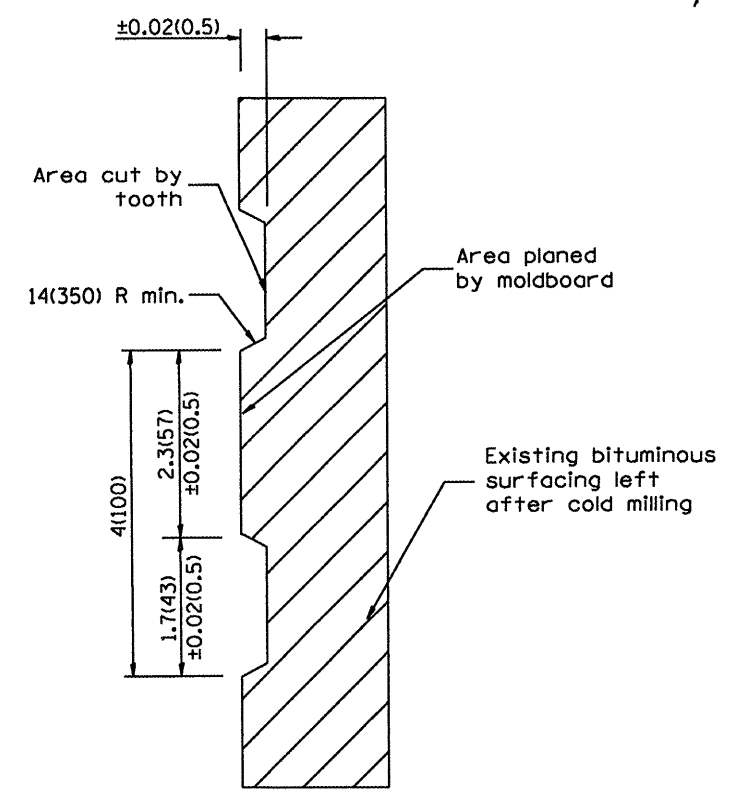
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.
RTE.
STA.

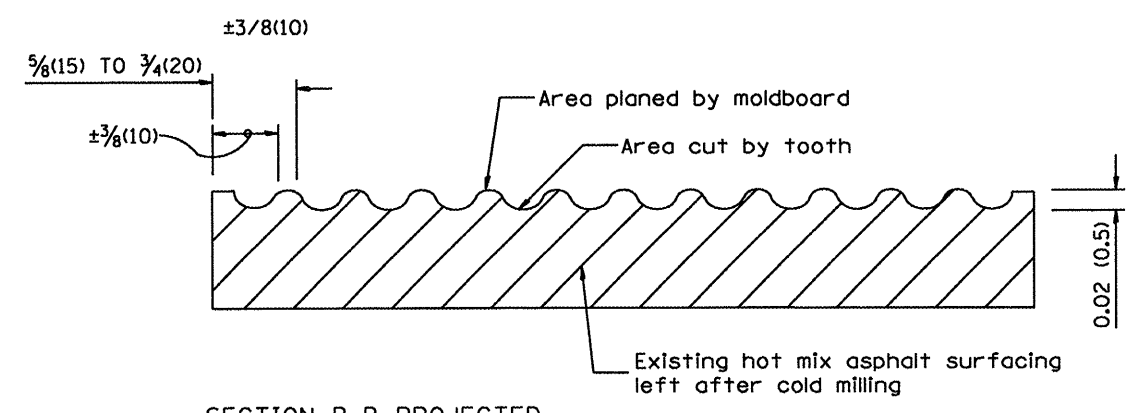


General notes:

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.

DATE	REVISIONS	BY
1-1-97	RENUM. C-104.01, NEW REVISION BOX	T. P.
4-20-98	REMOVED MILLING DETAIL FROM STD.	J. A.
9-08-98	CORRECT NOTE LEADER PLACEMENT	R. W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

ILLINOIS DEPARTMENT OF TRANSPORTATION				
DISTRICT CADD STANDARD				
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)				
CADD STD NO. 440001-D4				
SCALE: NOT DRAWN TO SCALE		DRAWN BY CADD		
DATE		CHECKED BY		
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	11G18CSMS-1,3RS-2RS&12Z,2RS-2	MARSHALL	15	15
CONTRACT NO. 68560				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = jongsr	DESIGNED -	REVISD -
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PLOT SCALE = 206.8858 * / IN.		CHECKED -	REVISD -
PLOT DATE = 7/24/2008		DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

440001-D4

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