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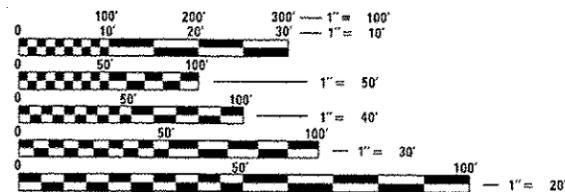
1. COVER SHEET & SIGNATURE
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HIGHWAY STANDARD

- 701602-07
- 701901-04
- 780001-05

CADD STANDARD - INCLUDED AS SHEETS 13-15.
 440001
 780001

ADT 15,900 /2013
MU 1.26% /2013
SU 3.14% /2013



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: Christopher Maushard, 309-671-3453
PROJECT MANAGER: George Ramia, 309-671-3467
CONTRACT NO. 68C66
CATALOG NO. 035277-00D

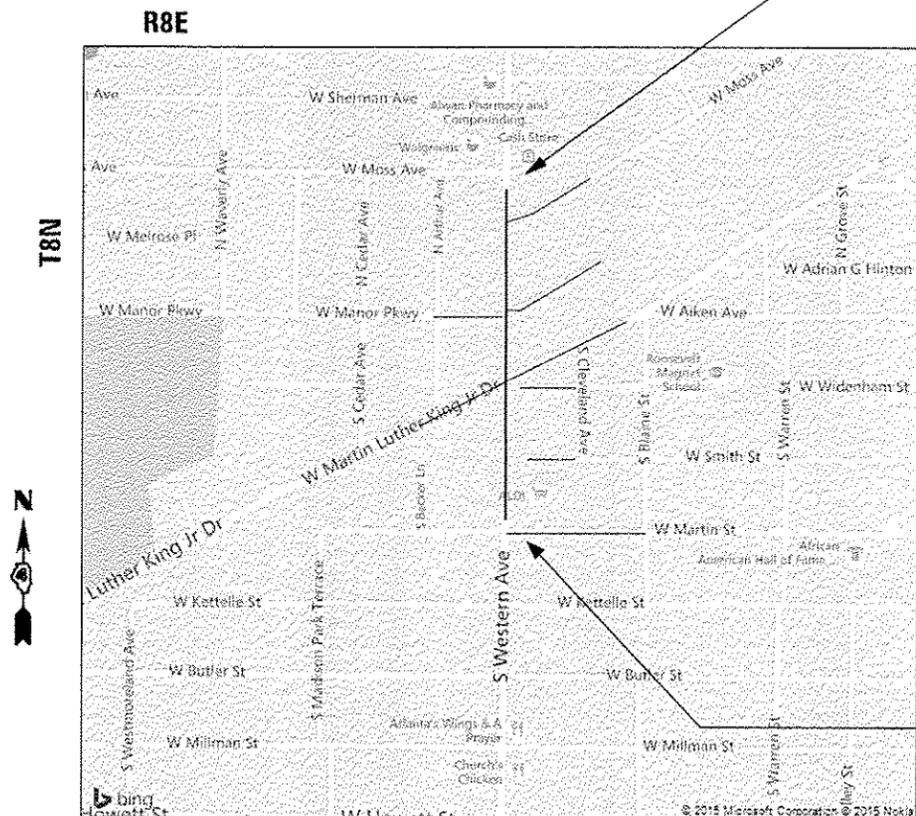
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP 671 ROUTE IL 8
SECTION 9-1
TYPE of IMPROVEMENT: PARTIAL DEPTH PATCHING
PEORIA COUNTY

C-94-085-15

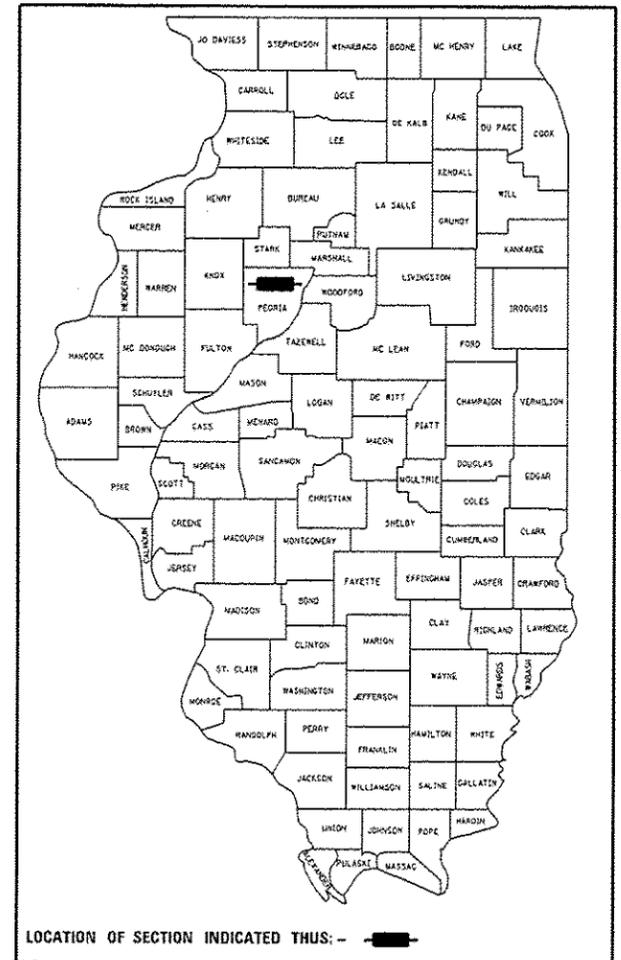
JOB ENDS
STA: 101 + 10



JOB BEGINS
STA: 87 + 50

GROSS LENGTH = 1360 FT = 0.258 MILE
NET LENGTH = 1360 FT. = 0.258 MILE

D-94-047-15



Partial Depth Patching on IL 8 (Western Ave) from 100' North of Moss Ave to 450' South of Martin Luther King Drive in Peoria

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED May 12, 2015
Paul A. Santos
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

John D. Baranzelli, P.E.
 acting ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 2015
Omur Osman, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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GENERAL NOTES

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Cultural and Natural Resources Review of Borrow Areas)
- * BDE Form 2290 (Waste/Use Area Review)
- * A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form * D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required wastesite environmental clearances and six weeks for the required borrow site environmental clearances.

JOB SPECIFIC NOTES

The Resident Engineer shall call Paul Grant, Traffic Signal Operation Technician,
days before setting up traffic Control (309)671-4474

FILE NAME : western ave.dgn	USER NAME : kaitbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & JOB SPECIFIC NOTES	F.A.P 571	SECTION: 9-1	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE * 200.0000 / in.	DRAWN -	REVISED -			RTE. IL 8	CONTRACT: 68C66	PEORIA	15	2
	PLOT DATE * 5/13/2015	CHECKED -	REVISED -							
		DATE -	REVISED -							

GENERAL NOTES

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made. **NO COMMITMENTS WERE MADE**

PROPERTY OWNER ACCESS REQUIREMENT

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.

CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED

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

The following mixture requirements are applicable to this project:

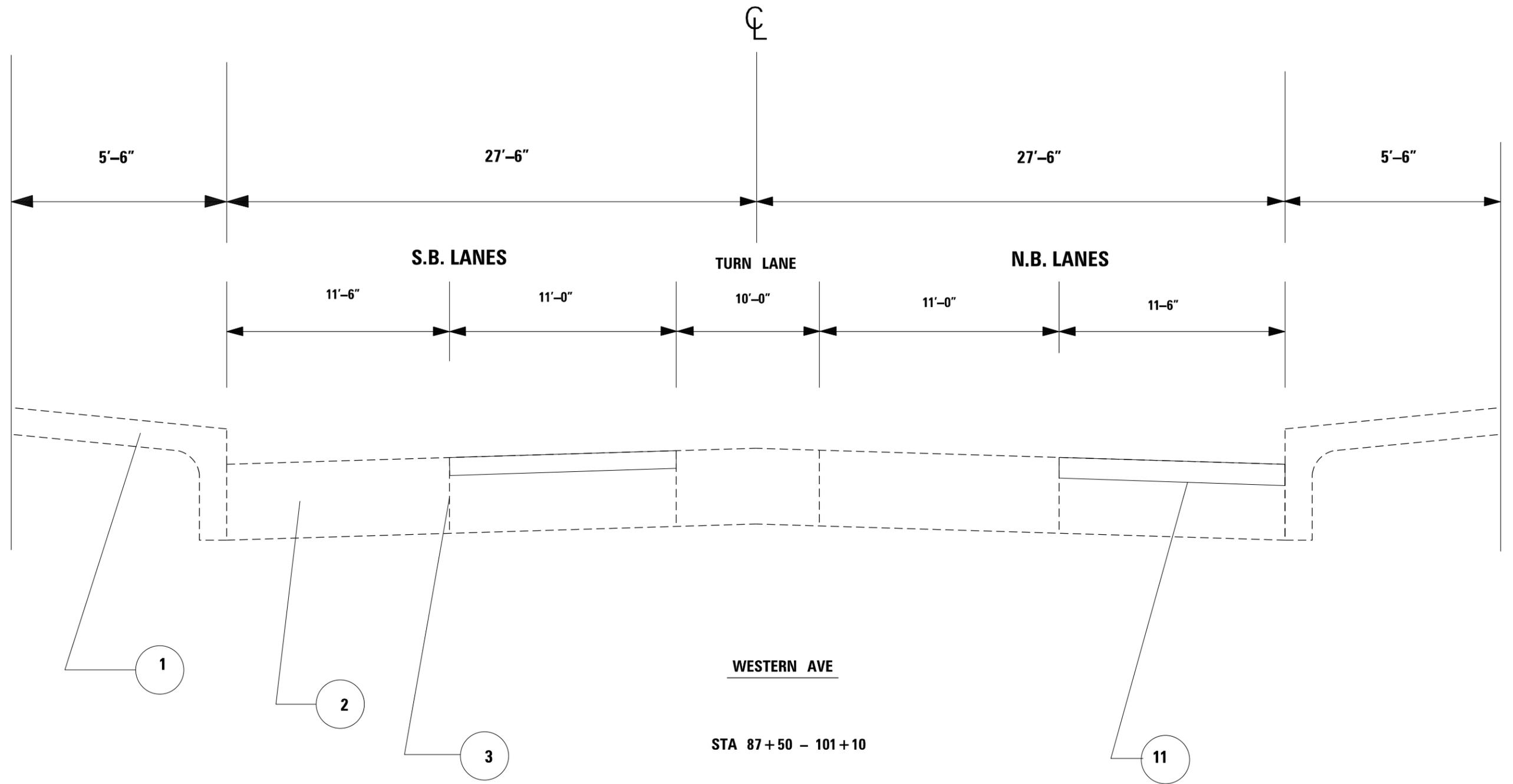
Mixture use(s):	Partial Depth Patching (2.5")	
AC/PG:	64-22	
Design Air Voids:	4.0%	N = 50
Mixture Composition: (Mixture Gradation)	IL 9.5	
Friction Aggregate:	Mix D (dolomite only)	
Quality Management Program:	QCQA	

- Note: 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the engineer.
 2) For design purposes, mixtures weight for all mixes is determined to be 112.0 lb/s.y-in., unless otherwise noted.
 3) Sublot sizes for PFP and QCQA mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving Contractor.

FILE NAME : western ave.dgn Default	USER NAME : kaethbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & JOB SPECIFIC NOTES	F.A.P 671	SECTION: 9-1	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 200.0000' / in.	DRAWN -	REVISED -			RTE. IL 8	CONTRACT: 6BC66	PEORIA	15	3
	PLOT DATE = 5/13/2015	CHECKED -	REVISED -							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				URBAN	
				100% STATE	
				0005 PEORIA	
67100100	MOBILIZATION	L SUM	1	1	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	5	5	
70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	8808	8808	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5840	5840	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	125	125	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5783	5783	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1215	1215	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	99	99	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	6351	6351	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	125	125	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	5783	5783	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1215	1215	

* SPECIALTY ITEM



- 1 Existing Comb. Conc. Curb-Sidewalk
- 2 Existing PCC Pavement 10"
- 3 Existing Longitudinal Joints

- 11 Prop. Partial Depth Patching (special) (2.5" deep)

NOTE: No Specific pattern for the Location of patches shown above

DRAWING NOT TO SCALE

FILE NAME = western_ave.dgn	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION	F.A.P 671	SECTION: 9-1	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 200.0000' / in.	DRAWN -	REVISED -			RTE. IL 8	CONTRACT: 68C66	PEORIA	15	6
	PLOT DATE = 5/13/2015	CHECKED -	REVISED -							
		DATE -	REVISED -							

LOCATION	TEMPORARY & MODIFIED URETHANE PAVEMENT MARKING								PAVT MARKING BLACKOUT TAPE 6"	
	LENGTH	LINE - 4"	LINE - 4"	LINE - 4"	LINE-8"	LINE-24"	LETTERS			
		(DOUBLE)	CENTER LANE	(EDGE)+CL	CROSSWALK +LEFT TURN	CROSS BAR	AND SYMBOLS			
		YELLOW	YELLOW	WHITE	WHITE	WHITE	WHITE			
FT	FT	FT	FT	FT	FT	SQ FT	FT			
87+50	TO	90+00	250		625	625				1,250
90+00	TO	90+60	60	120	75	150				465
90+60	TO	90+80	20	40		50				130
90+80	TO	91+90	110	220		275	110	33	31.2	1,129
91+90	TO	92+70	80				460			
92+70	TO	93+70	100	200		250	100	33	31.2	1,044
93+70	TO	94+00	30	60		75				195
94+00	TO	94+65	65	130		163				423
94+65	TO	95+25	60	120		150	60		31.2	572
95+25	TO	95+75	50							
95+75	TO	97+35	160		400	400				800
97+35	TO	98+35	100	200	125	250				775
98+35	TO	98+60	25	50		63				163
98+60	TO	99+45	85	170		213	85	33	31.2	917
99+45	TO	100+20	75				400			
100+20	TO	101+10	90	360		225				945
										0
										0
SUBTOTAL				1,670	1,225	2,888				
TOTAL				5,783		1,215	99	125		8,808

TRAF CONTROL SURVEILLANCE	CAL DAY
JOBSITE	10
TOTAL	10

TRAF CONT & PROT STD 701602	L. SUM
JOBSITE	1
TOTAL	1

MOBILIZATION	L SUM
JOB SITE	1
TOTAL	1

PATCHING UNITS	NO. OF PATCHES	SIZE			PARTIAL DEPTH	PARTIAL DEPTH
		LENGTH	WIDTH	DEPTH	PATCHING (SPL)	PATCHING
		FT	FT	INCH	SQ YD	TONS
N.B.						
1	13	4	12	2.50	69	10
	2	10	12	2.50	27	4
2	11	4	12	2.50	59	8
3	22	4	12	2.50	117	16
	2	30	12	2.50	80	11
TURN LANE						
1	1	10	7	2.50	8	1
	4	4	7	2.50	12	2
2	4	4	7	2.50	12	2
3	4	4	7	2.50	12	2
	1	30	7	2.50	23	3
S.B.						
1	21	4	12	2.50	112	16
	2	10	12	2.50	27	4
2	14	4	12	2.50	75	10
3	28	4	12	2.50	149	21
	2	30	12	2.50	80	11
.....	2	80	2	2.50	36	5
.....	1	150	2	2.50	33	5
TOTAL					932	130

NOTE: PROVIDE TRANSVERSE VERTICAL FACE FOR ALL PATCHES SO THAT SHOIVING EFFECT IS MINIMIZED.

NOTE: DO NOT MILL DETECTOR LOOPS

LOCATIONS			SHORT-TERM PAVEMENT MARKING	WORK ZONE PVT. MRK. REMOVAL
STATION	TO	STATION	FT	SQ FT
86+50	TO	92+70	2,480	827
92+70	TO	95+15	980	327
95+15	TO	95+75	240	80
95+75	TO	101+10	2,140	713
TAPE FROM TRAFFIC CONTROL				4,404
TOTALS			5,840	6,351

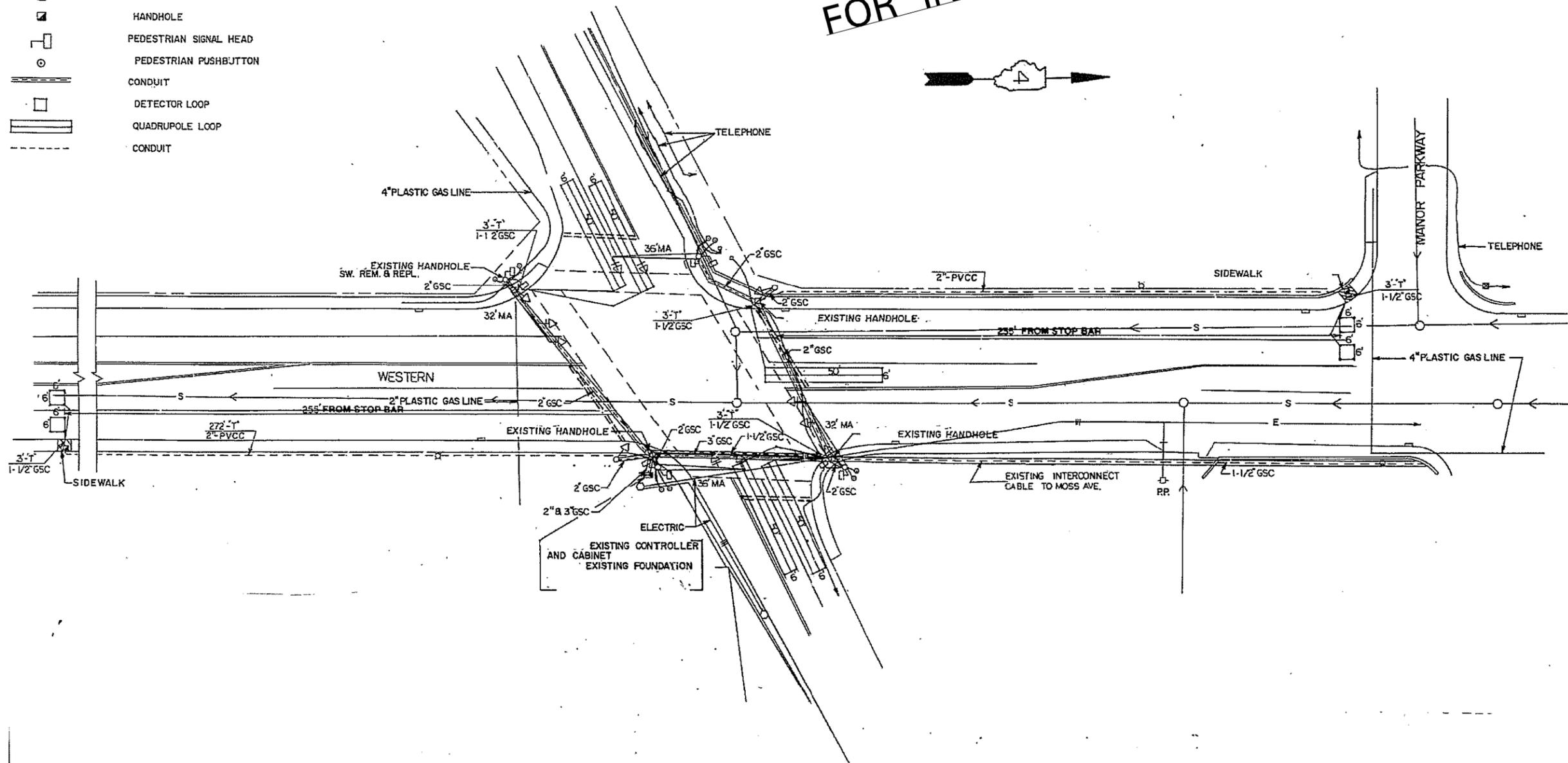
LOCATION			LENGTH	GROOVING FOR RECESSED PAVEMENT MARKING						
				5"	5"	5"	9"	25"	LETTERS	
				(DOUBLE)	CENTER	(EDGE)+CL	CROSSWALK	CROSS	AND	
			FT	FT	FT	FT	FT	FT	SQ FT	
87+50	TO	90+00	250		625	625				
90+00	TO	90+60	60	120	75	150				
90+60	TO	90+80	20	40		50				
90+80	TO	91+90	110	220		275	110	33	31.2	
91+90	TO	92+70	80				460			
92+70	TO	93+70	100	200		250	100	33	31.2	
93+70	TO	94+00	30	60		75				
94+00	TO	94+65	65	130		163				
94+65	TO	95+25	60	120		150	60		31.2	
95+25	TO	95+75	50							
95+75	TO	97+35	160		400	400				
97+35	TO	98+35	100	200	125	250				
98+35	TO	98+60	25	50		63				
98+60	TO	99+45	85	170		213	85	33	31.2	
99+45	TO	100+20	75				400			
100+20	TO	101+10	90	360		225				
SUBTOTAL				1,670	1,225	2,888				
TOTAL				5,783			1,215	99	125	

LOCATIONS	CHANGEABLE
	MESSAGE SIGN
S.B. UNIVERSITY	1
S.B. FARMINGTON RD (IL8)	1
E.B. MARTIN LUTHER KING DR	1
N.B. WESTERN AVE	1
S.B. WESTERN AVE	1
TOTALS	5

SIGNAL PLAN LEGEND

-  CONTROLLER AND CABINET
-  TRAFFIC SIGNAL POST
-  MAST ARM ASSEMBLY AND POLE
-  SIGNAL HEAD WITH BACKPLATE
-  HANDHOLE
-  HANDHOLE
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSHBUTTON
-  CONDUIT
-  DETECTOR LOOP
-  QUADRUPOLE LOOP
-  CONDUIT

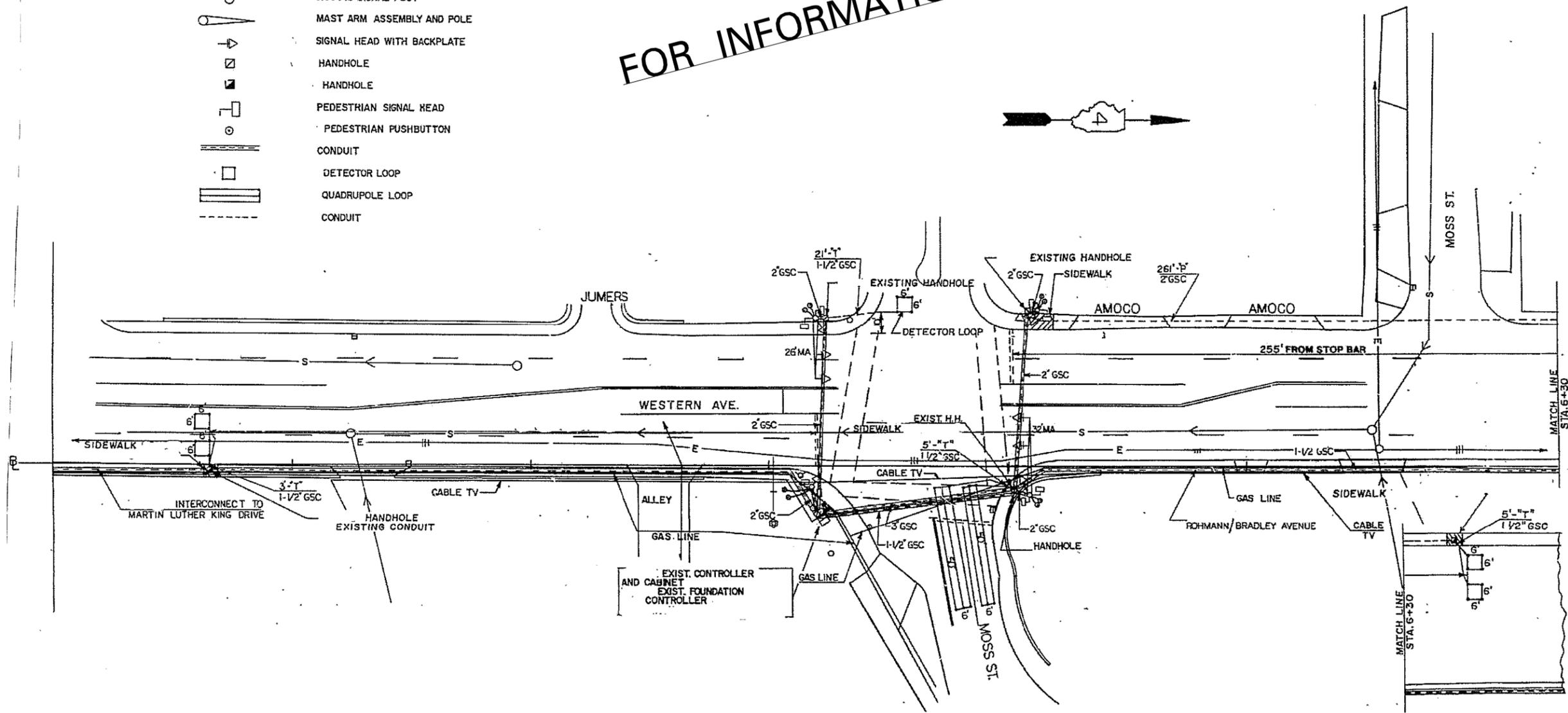
FOR INFORMATION ONLY



FILE NAME = western_ave.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOPS INFORMATION SHEET	F.A.P 671	SECTION: 9-1	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 200.0000' / in.	DRAWN -	REVISED -			RTE. IL 8	CONTRACT: 68C66	PEORIA	15	9
	PLOT DATE = 5/13/2015	CHECKED -	REVISED -							

FOR INFORMATION ONLY

- SIGNAL PLAN LEGEND**
-  CONTROLLER AND CABINET
 -  TRAFFIC SIGNAL POST
 -  MAST ARM ASSEMBLY AND POLE
 -  SIGNAL HEAD WITH BACKPLATE
 -  HANDHOLE
 -  HANDHOLE
 -  PEDESTRIAN SIGNAL HEAD
 -  PEDESTRIAN PUSHBUTTON
 -  CONDUIT
 -  DETECTOR LOOP
 -  QUADRUPOLE LOOP
 -  CONDUIT



FILE NAME = western_ave.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 200.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/13/2015	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**DETECTOR LOOPS
INFORMATION SHEET**

F.A.P 671	SECTION: 9-1	COUNTY	TOTAL SHEETS	SHEET NO.
RTE. IL 8	CONTRACT: 68C66	PEORIA	15	10

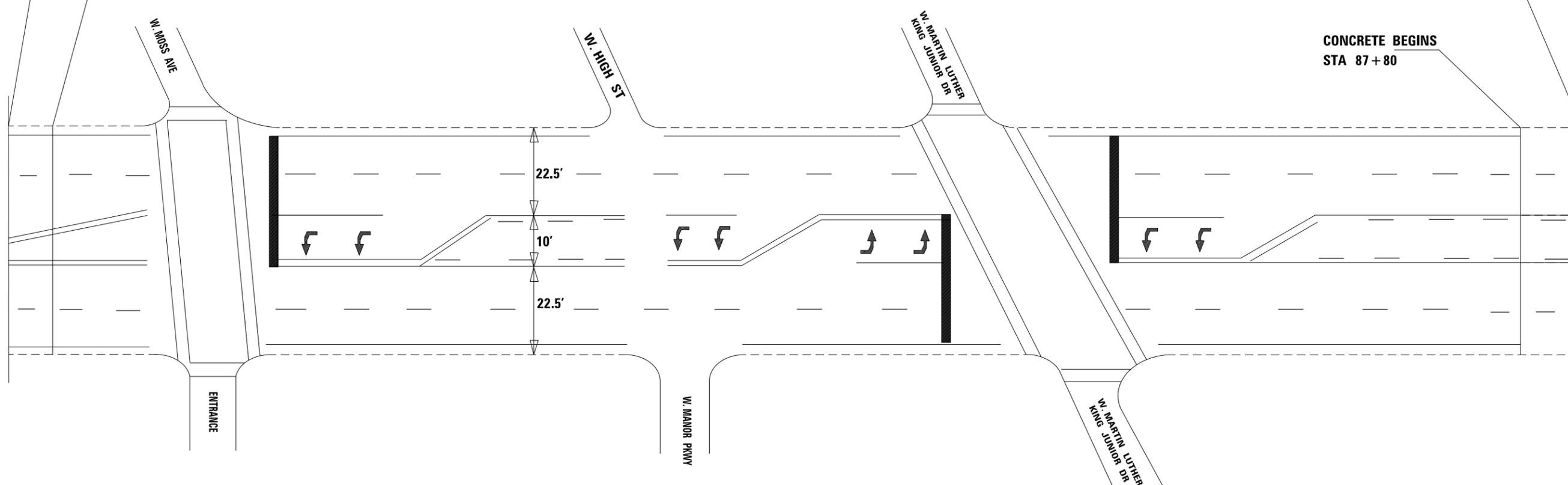


PROJECT ENDS
STA 101+10

CONCRETE ENDS
STA 101+00

PROJECT BEGINS
STA 87+50

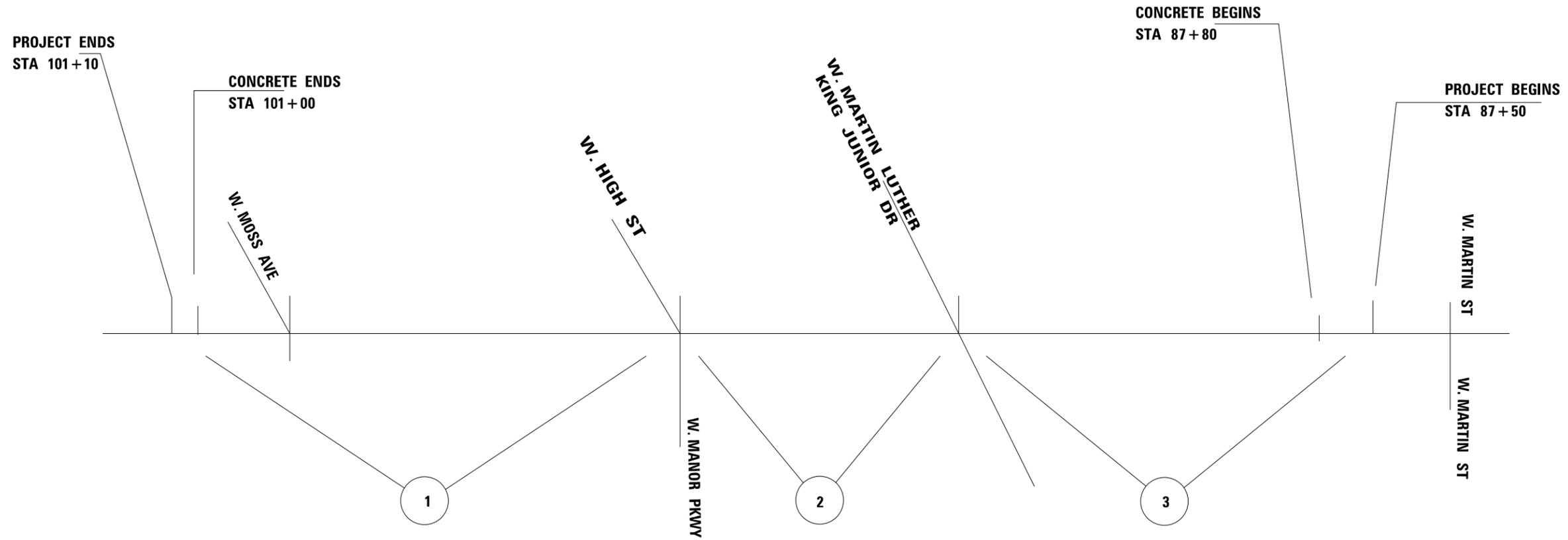
CONCRETE BEGINS
STA 87+80



WESTERN AVE

DRAWING NOT TO SCALE

FILE NAME = western_ave.dgn Default	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW & PAVEMENT MARKING	F.A.P 671	SECTION: 9-1	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -			RTE. IL 8	CONTRACT: 68C66	PEORIA	15	11
	PLOT DATE = 5/13/2015	DATE -	REVISED -							

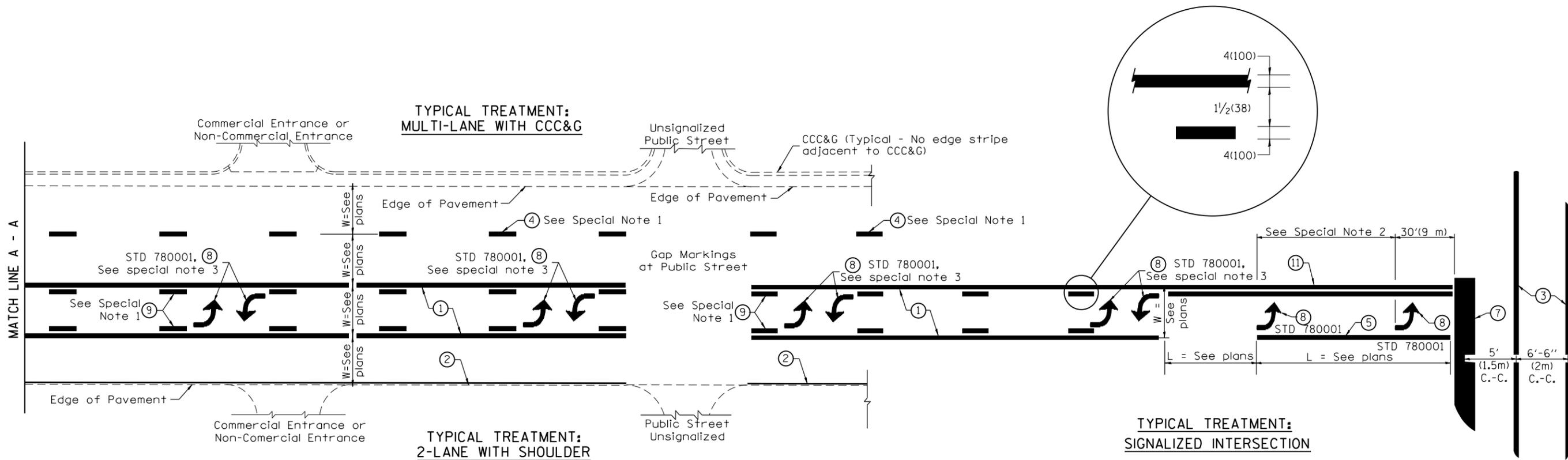


WESTERN AVE

DRAWING NOT TO SCALE

FILE NAME = western_ave.dgn Default	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINE DIAGRAM & PATCHING UNITS	F.A.P 671	SECTION: 9-1	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -			RTE. IL 8	CONTRACT: 68C66	PEORIA	15	12
	PLOT DATE = 5/13/2015	DATE -	REVISED -							

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



**FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE
WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION**

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

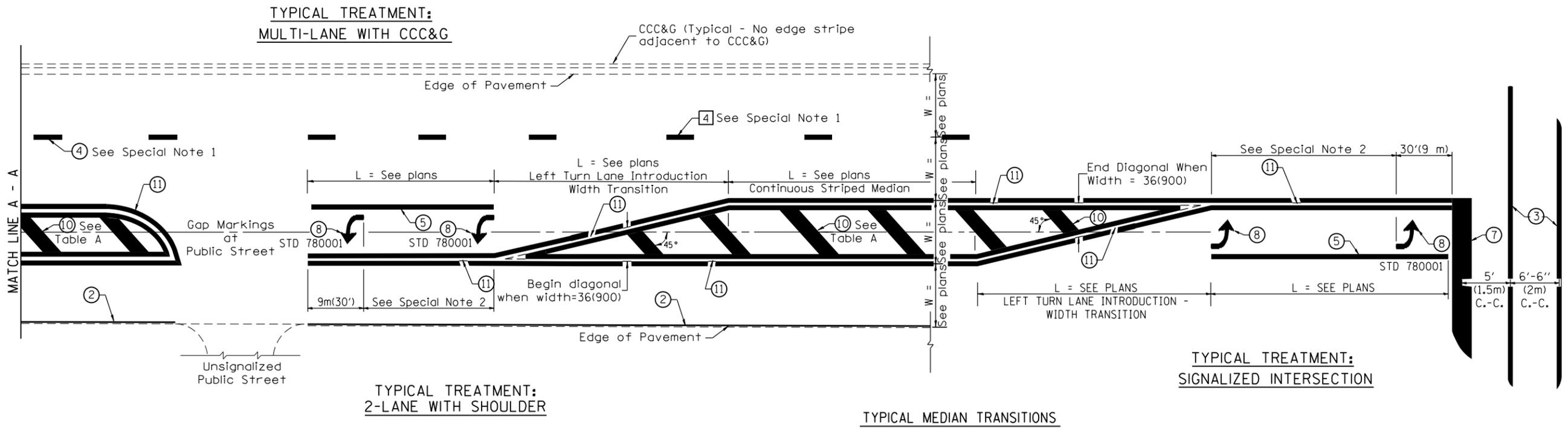
SPECIAL NOTES

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

GENERAL NOTES

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

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A.P 671	SECTION: 9-1	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.					RTE. IL 8	CONTRACT: 68C66	PEORIA	15	13
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.									
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.									



TYPICAL TREATMENT:
2-LANE WITH SHOULDER

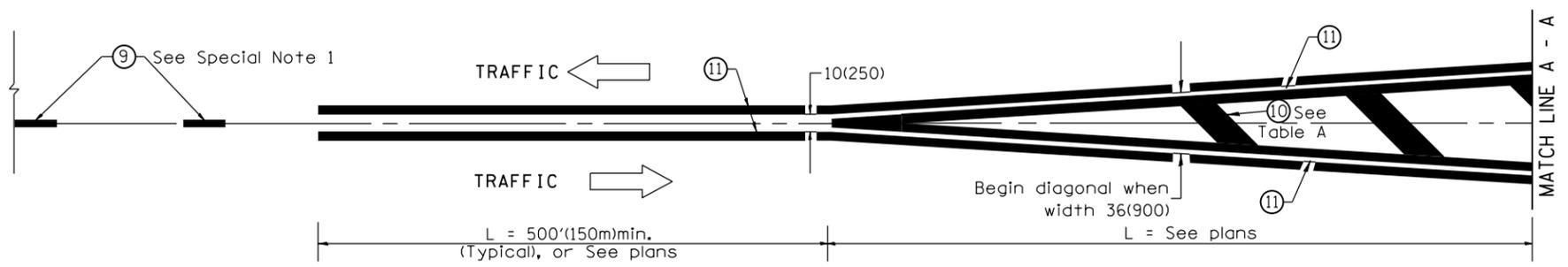
TYPICAL MEDIAN TRANSITIONS

FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TYPICAL TREATMENT:
SIGNALIZED INTERSECTION

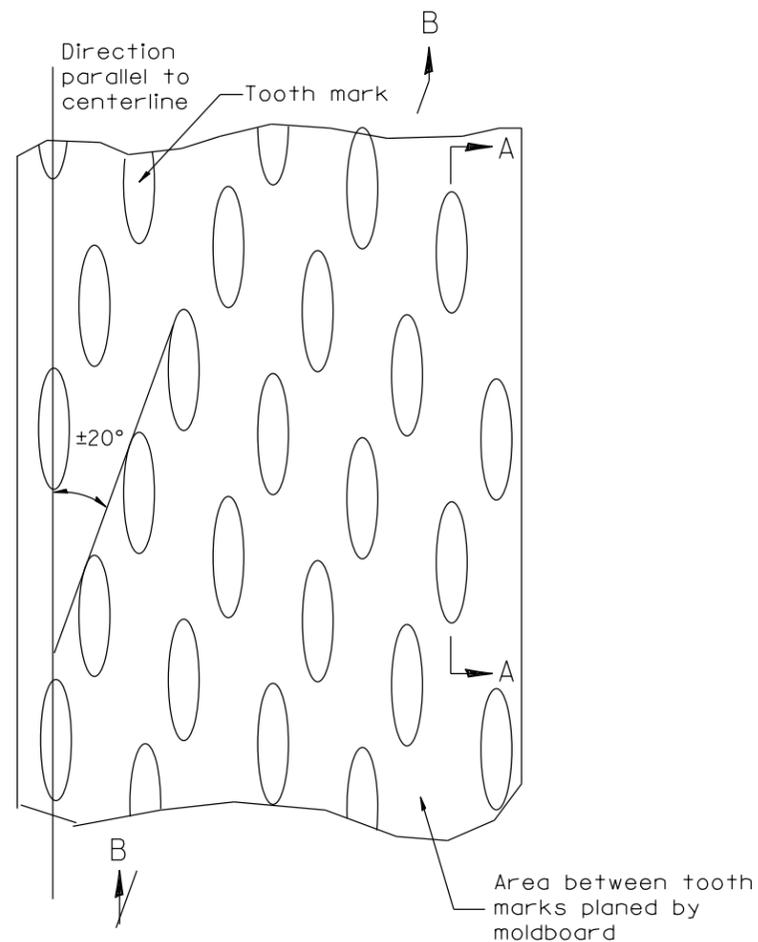
TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



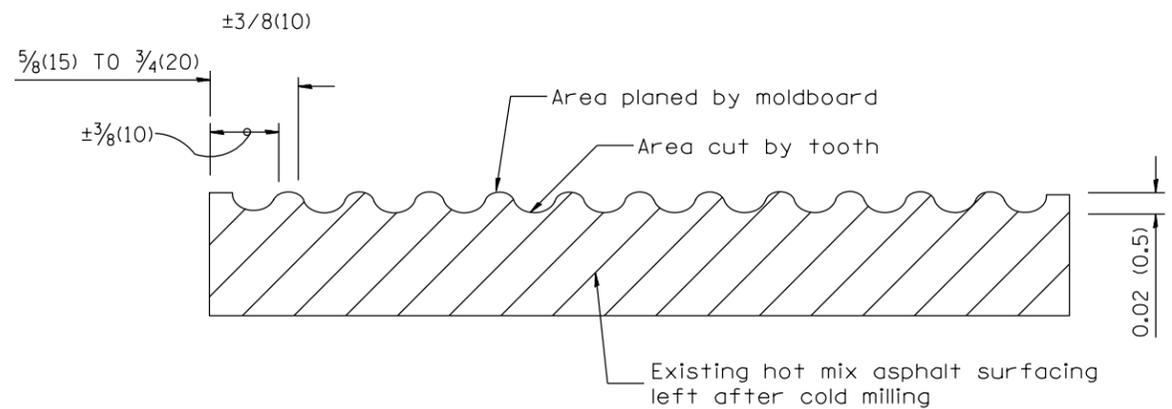
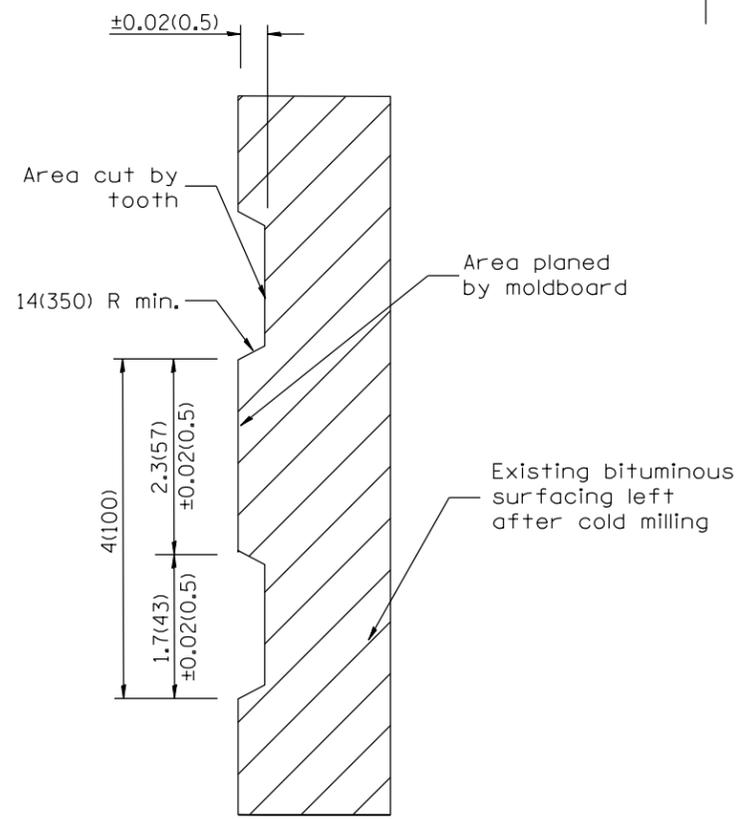
MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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



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.



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

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING) NOT TO SCALE	F.A.P 671	SECTION: 9-1	COUNTY	TOTAL SHEETS	SHEET NO.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.					RTE. IL 8	CONTRACT: 68C66	PEORIA	15	15
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.									
10-16-06	REVISED TO 2007 SPEC.	M.A.									