

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	1
		ILLINOIS	CONTRACT NO. 70124	

\* (48-X1)RS&(48-X2,RX,RX-1)RS-1

**FOR INDEX OF SHEETS, SEE SHEET NO. 2**  
**FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5 & 6**

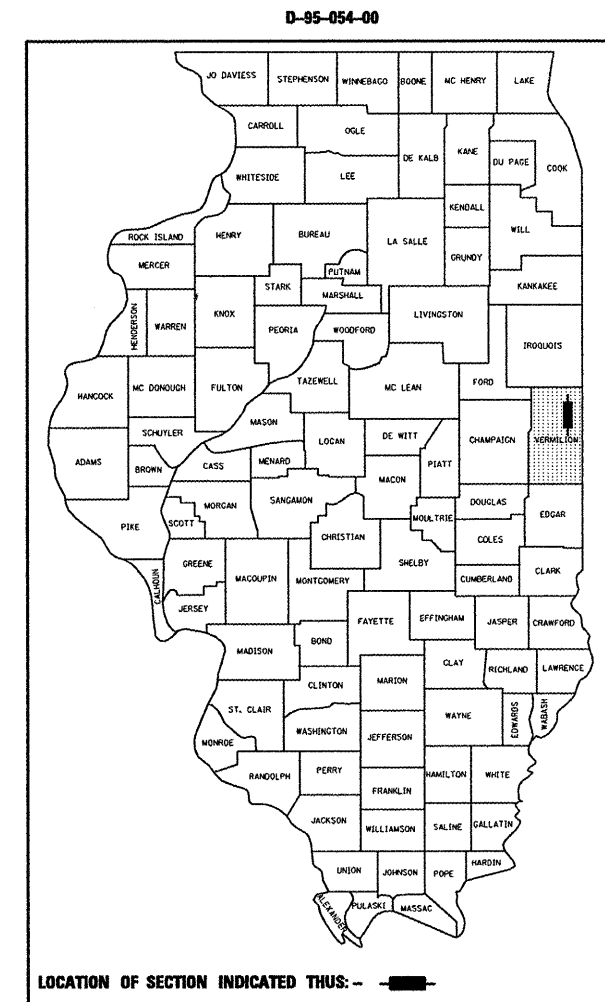
**PAVING OMISSIONS:**

SN 092-0205 - STA 196+22.82 TO STA 201+04.68  
 SN 092-0189 - STA 520+02.50 TO STA 520+67.50  
 SN 092-0034 - STA 621+00.40 TO STA 624+81.00

**HMA SURFACING (2 1/4" INLAY)**

SN 092-2020      SN 092-8008  
 SN 092-2027      SN 092-8009  
 SN 092-2038      SN 092-8010  
 SN 092-8005      SN 092-8011  
 SN 092-8006      SN 092-8303  
 SN 092-8007      SN 092-8304

**FAP ROUTE 332 (IL 17 US 136)**  
**SECTION (48-X1)RS&(48-X2,RX,RX-1)RS-1**  
**RESURFACING (3P)**  
**0.2 MI N OF SHADY LN IN DANVILLE**  
**TO 0.2 MI N OF ROSSVILLE SCL**  
**VERMILION COUNTY**



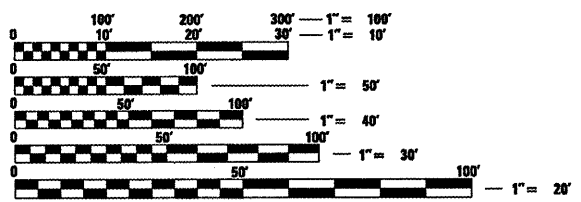
**CURRENT ADT (2009)**

LEG A = 5,900  
 LEG B = 4,750  
 LEG C = 4,450  
 LEG D = 4,750  
 LEG E = 13,000  
 LEG F = 14,700  
 LEG G = 18,300  
 LEG H = 18,300

SEE SHEET NO. 4  
 FOR LOCATION OF LEGS

**DESIGN DESIGNATION**

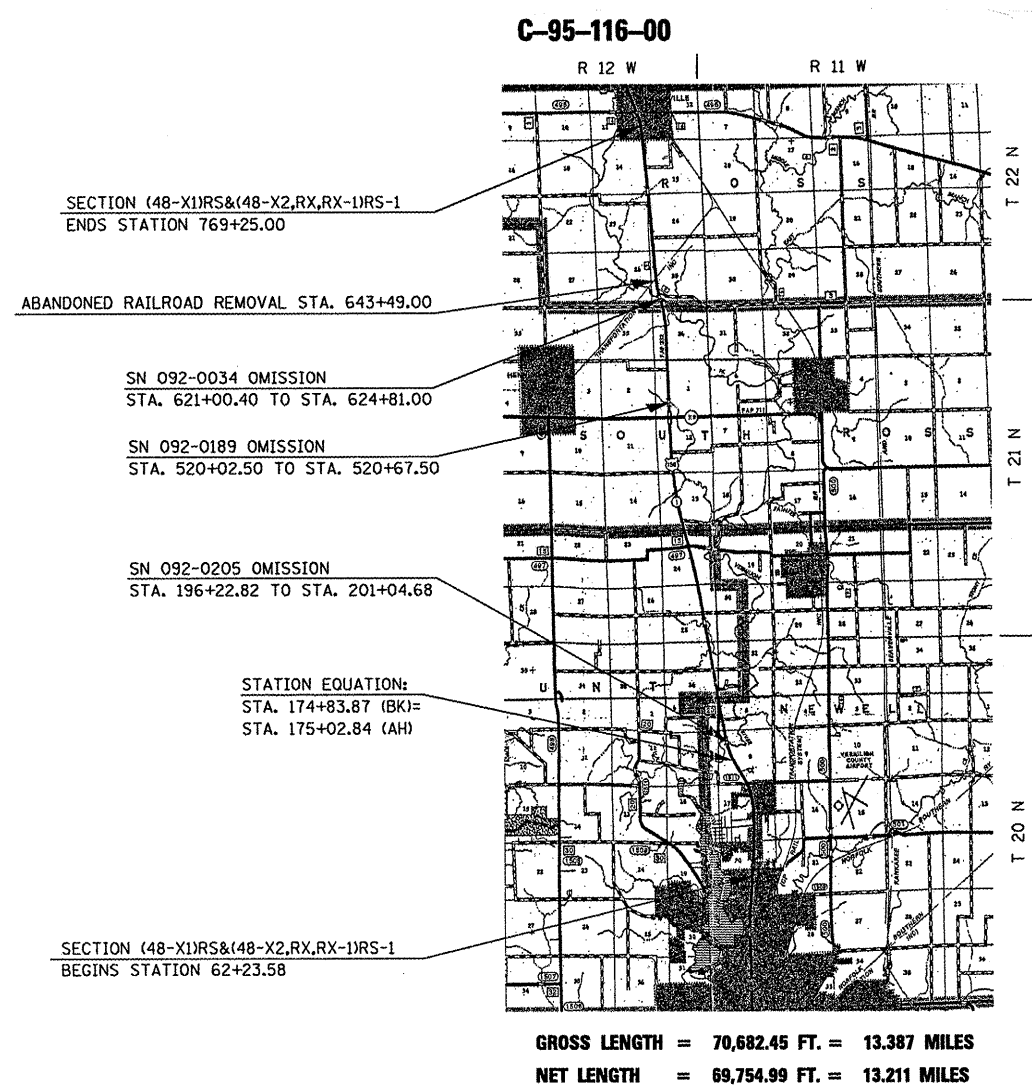
OTHER PRINCIPAL ARTERIAL



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: KEVIN TRAPP**  
**DESIGNER: MATT BOWER**  
**(217)465-4181**  
**CONTRACT NO. 70124**



**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

SUBMITTED 1/28 20 10

*Janet K. Rowan*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19, 20 10  
*Scott E. Stitt, P.E.*  
 ENGINEER OF DESIGN AND ENVIRONMENT

Acting  
March 19, 20 10  
*Christine M. Reed*  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

# INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
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# HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATION - DAY ONLY
701602-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

• (48X)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS HIGHWAY STANDARDS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\bowerm\0145216\70124	INDEX_STNDRD_GEN_NOTES_LOC_MAP.dgn	DRAWN - MLB	REVISED -		332	*	VERMILION	86	2				
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. T0234				
	PLOT DATE = 1/26/2010	DATE - 12/30/09	REVISED -		ILLINOIS FED. AID PROJECT								

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.-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. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

GN 406H Mixture Requirements

Contract: 70124

Location	IL 1	IL 1	IL 1
Mixture Use	Poly Level Binder (Legs E, F, G, H)	Poly Surface (Legs E, F, G, H)	Level Binder (Legs A, B, C, D)
AC/PG	SBS PG 70-22	SBS PG 70-22	PG 64-22
RAP % (Max)	10	10	25
Design Air Voids	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5	IL 9.5	IL 9.5
Friction Aggregate	Mix C	Mix D	Mix C

Location	IL 1	IL 1
Mixture Use	Incidental & Surface (Legs A, B, C, D & HMA SHOULDER)	All Class D Patching
AC/PG	PG 64-22	PG 64-22
RAP % (Max)	15	25
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5	IL 19.0
Friction Aggregate	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.-667

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC, PT, AND PI). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR SETTING THESE MARKERS.

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).

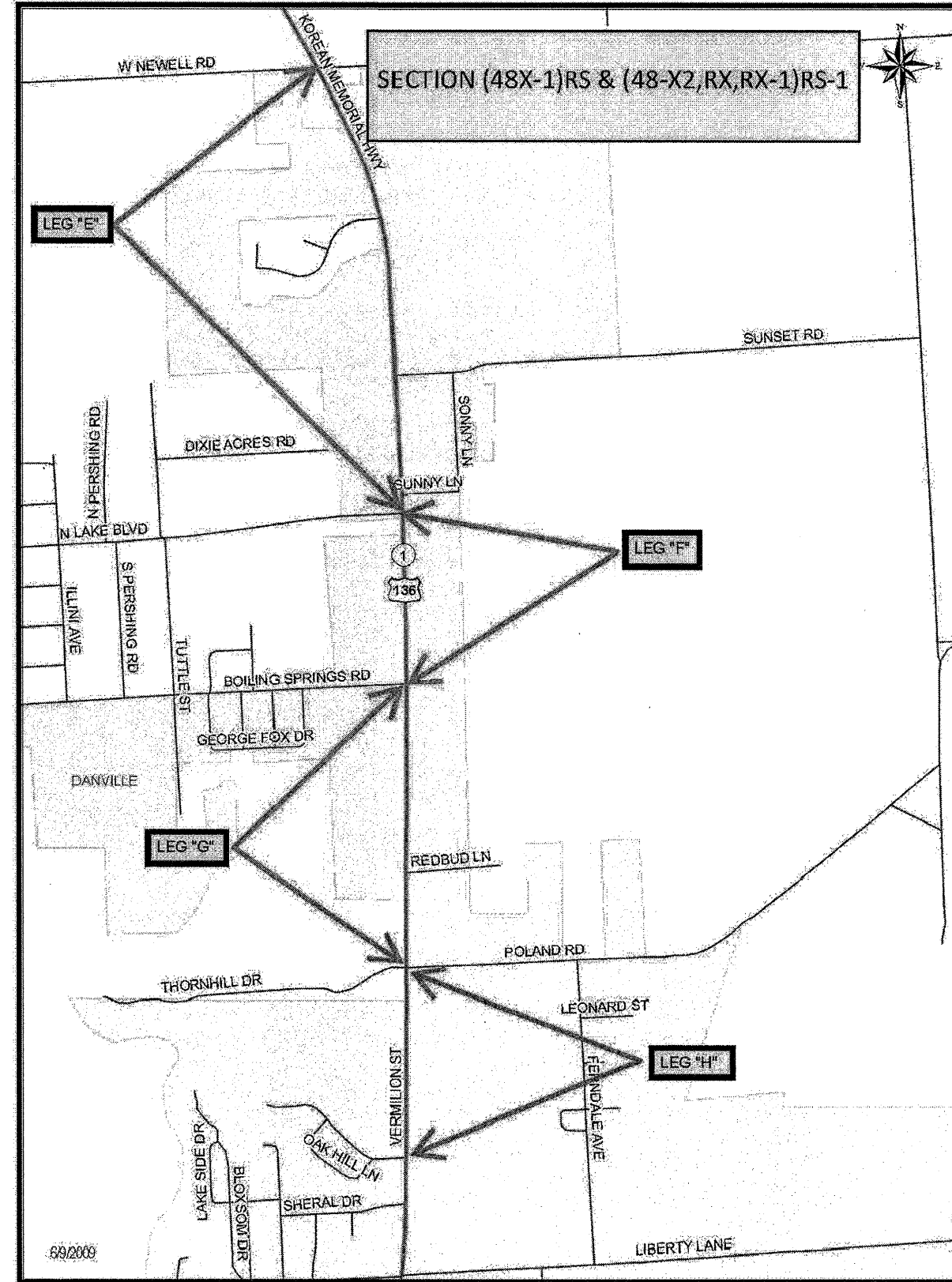
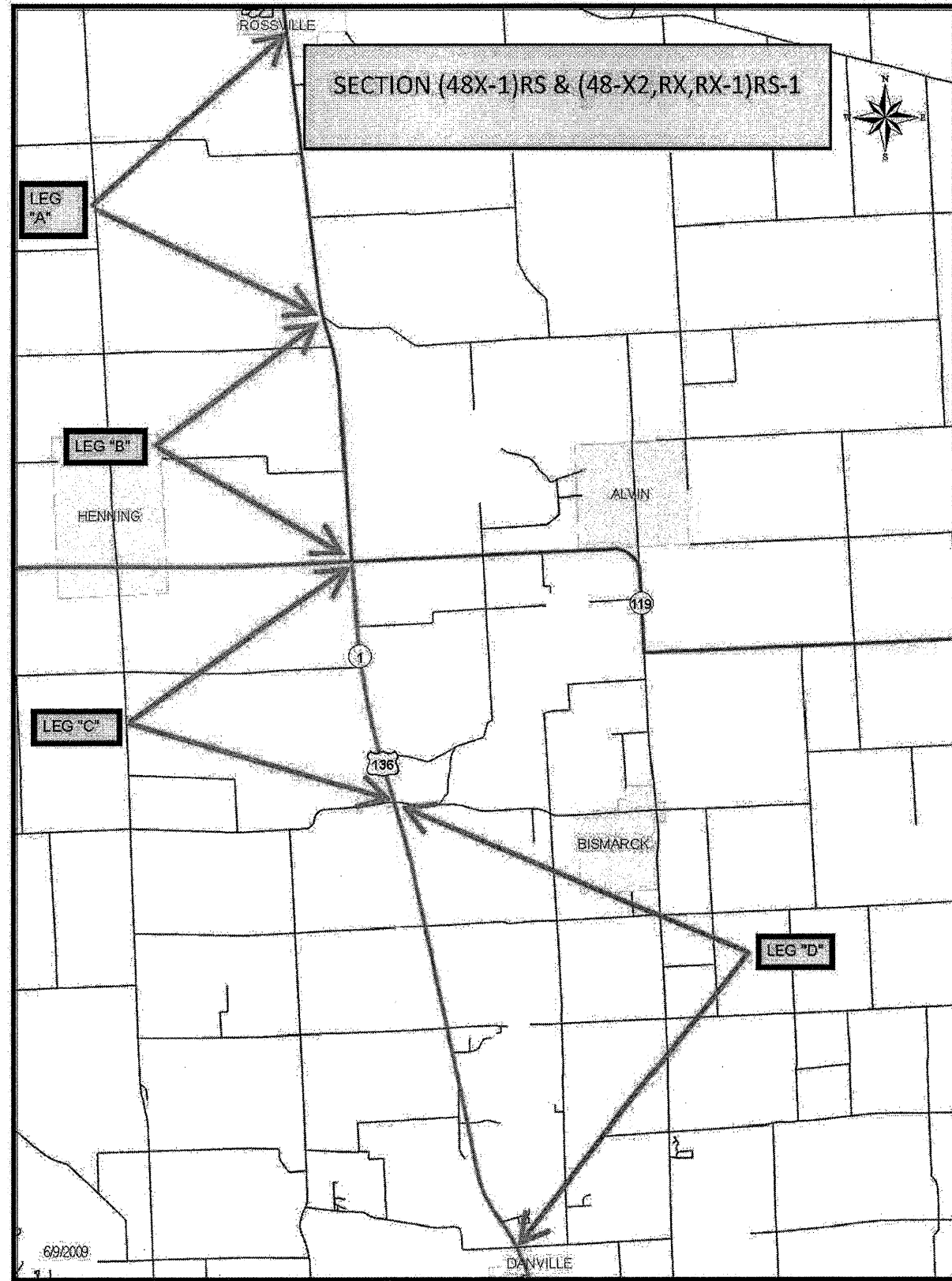
G.N.-781

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).

G.N.-1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

NO COMMITMENTS



FILE NAME =	USER NAME = bovern1	DESIGNED - MLB	REVISED -
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	PLOT DATE = 1/26/2010	DATE - 12/30/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION MAP OF ADT**

SCALE: N/A    SHEET NO.    OF    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	4
CONTRACT NO. 70234				
ILLINOIS FED. AID PROJECT				





LOCATION OF WORK:

FAP 332 (IL 1/ US 136)  
VERMILION COUNTY  
STA. 62+23.58 TO  
STA. 209+54.04  
URBAN  
100% STATE

FAP 332 (IL 1/ US 136)  
VERMILION COUNTY  
STA. 209+54.04  
STA. 769+25.00  
RURAL  
100% STATE

FUNDING BREAKOUT:

CONSTRUCTION TYPE CODE:

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0	1.0	0.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	1.0	0.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	44,170.0	18268.0	25902.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	192,936.0	51716.0	141220.0
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,103.0	1103.0	0.0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,896.0	1896.0	0.0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	519.0	519.0	0.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4,909.0	2030.0	2879.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,337.0	1337.0	0.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	65,289.0	41115.0	24174.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,103.0	1103.0	0.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,896.0	1896.0	0.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	519.0	519.0	0.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	127,647.0	10601.0	117046.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,658.0	741.0	917.0
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,658.0	741.0	917.0
81400115	HANDHOLE TO BE ADJUSTED	EACH	2.0	2.0	0.0
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1,785.0	1785.0	0.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14.0	7.0	7.0
Z0048400	RAILROAD CROSSING REMOVAL	EACH	1.0	0.0	1.0
Z0055300	RUMBLE STRIP	EACH	9.0	0.0	9.0

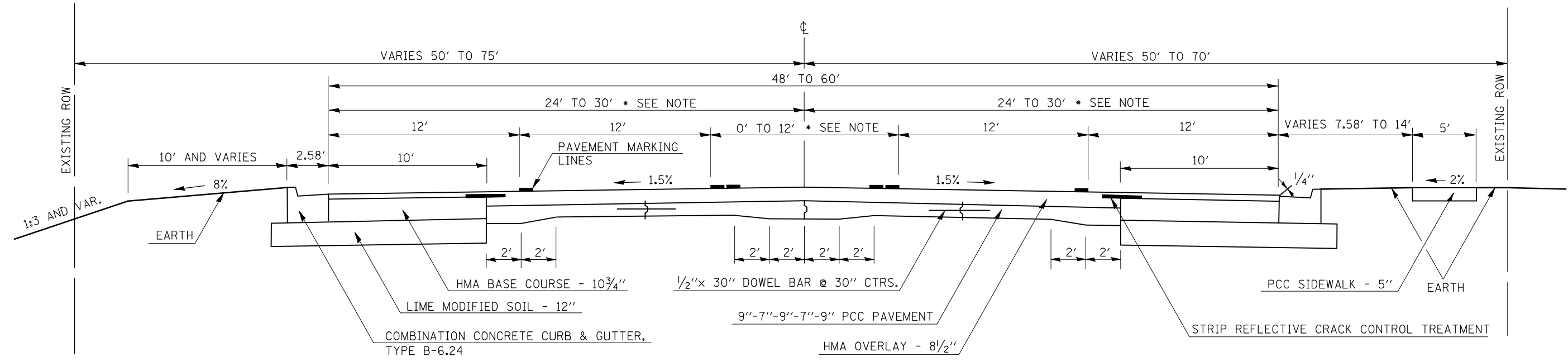
\*SPECIALTY ITEMS

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

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PLOT SCALE = 40.0000' / IN.					SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 70124				
PLOT DATE = 1/27/2010					DATE - 08-20-2009	ILLINOIS FED. AID PROJECT							

**EXISTING TYPICAL CROSS SECTION 1**

- ② STA. 62 + 23.58 - STA. 71 + 75.00
- ② STA. 74 + 50.00 - STA. 78 + 00.00
- ② STA. 79 + 80.00 - STA. 128 + 83.17

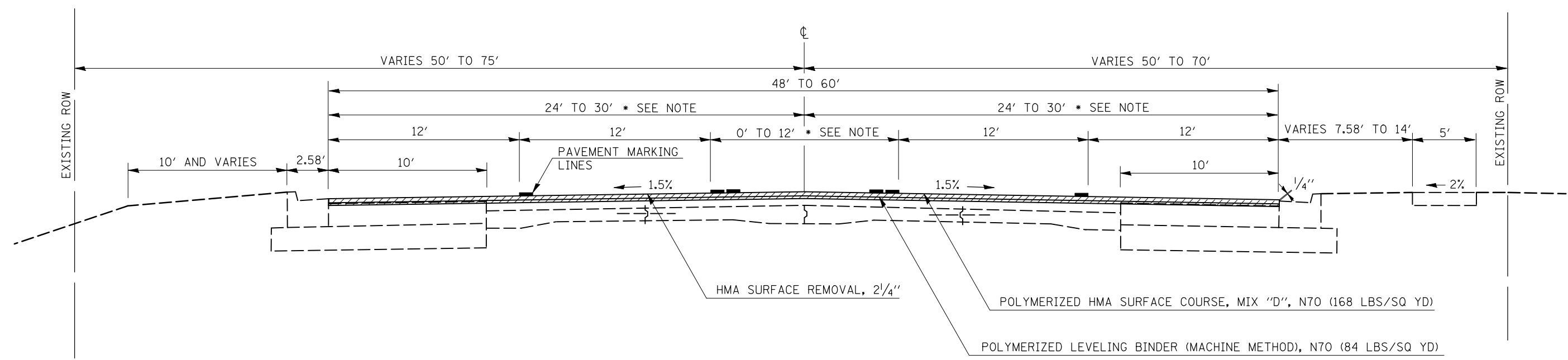


\* NOTE: THE EXISTING PAVEMENT WIDTH TRANSITIONS FROM 60' E/E AT STA. 127+00 TO 48' E/E AT STA. 130+00

**PROPOSED TYPICAL CROSS SECTION 1**

- ② STA. 62 + 23.58 - STA. 71 + 75.00
- ② STA. 74 + 50.00 - STA. 78 + 00.00
- ② STA. 79 + 80.00 - STA. 128 + 83.17

NOTE: THE INTENT IS TO MATCH THE EXISTING CROSS SLOPE DURING MILLING AND PAVING OPERATIONS FOR ALL TYPICALS. SEE SHEET 66 FOR EXCEPTIONS.



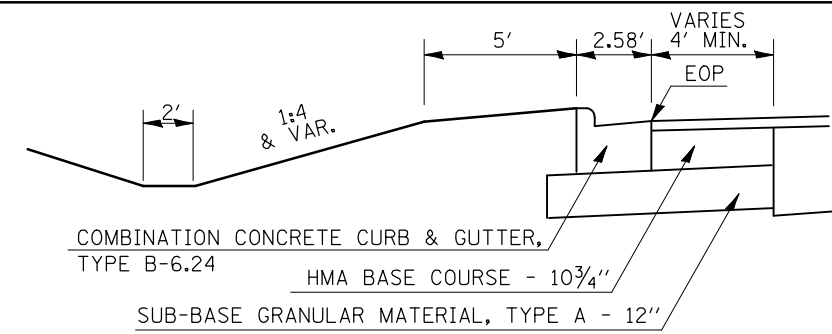
\* NOTE: THE EXISTING PAVEMENT WIDTH TRANSITIONS FROM 60' E/E AT STA. 127+00 TO 48' E/E AT STA. 130+00

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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -								CONTRACT NO.	70124	
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -								ILLINOIS FED. AID PROJECT		



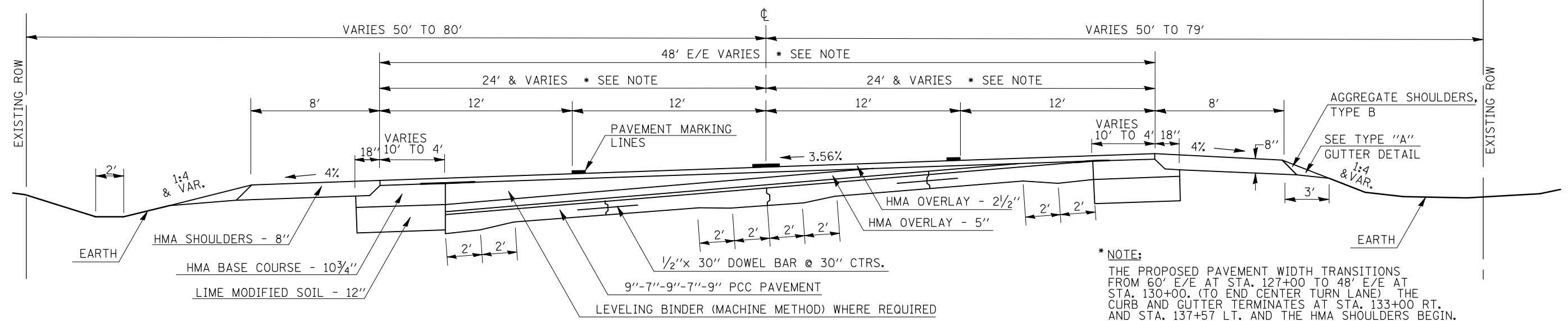
**EXISTING TYPICAL CROSS SECTION 3**

① STA. 128 + 83.17 - STA. 143 + 29.39 ④



**COMBINATION CONCRETE CURB & GUTTER DETAIL**

**S.E. TRANSITION: 128 + 83.17 - 131 + 43.17**  
**FULL S.E. : 131 + 43.17 - 143 + 29.39**

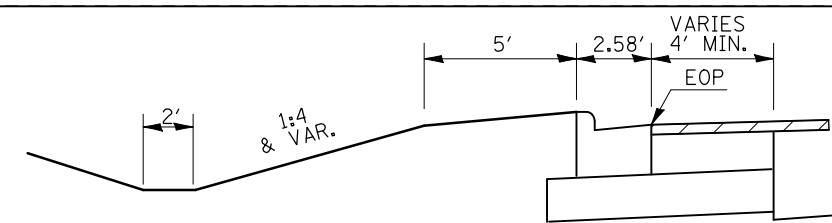


**\* NOTE:**  
 THE PROPOSED PAVEMENT WIDTH TRANSITIONS FROM 60' E/E AT STA. 127+00 TO 48' E/E AT STA. 130+00. (TO END CENTER TURN LANE) THE CURB AND GUTTER TERMINATES AT STA. 133+00 RT. AND STA. 137+57 LT. AND THE HMA SHOULDERS BEGIN.

**NOTE:** SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

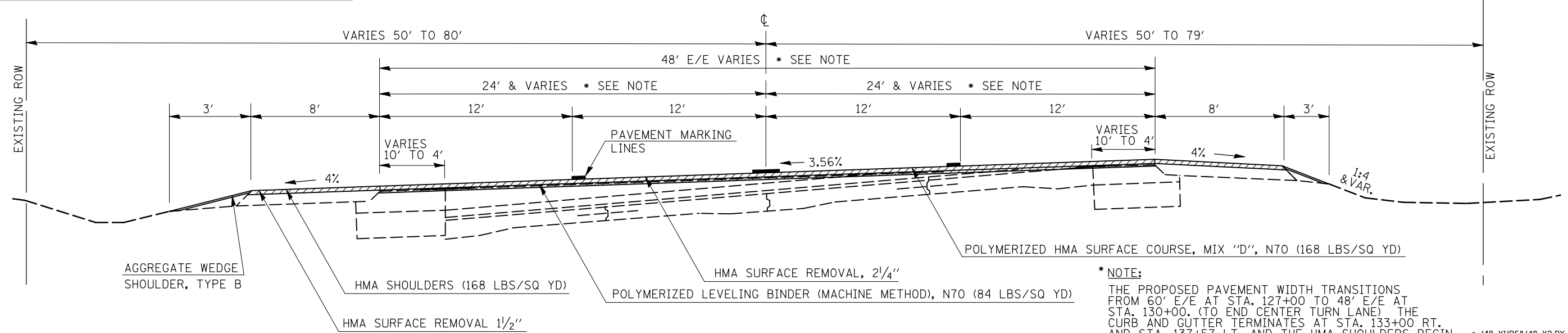
**PROPOSED TYPICAL CROSS SECTION 3**

① STA. 128 + 83.17 - STA. 143 + 29.39 ④



**COMBINATION CONCRETE CURB & GUTTER DETAIL**

**S.E. TRANSITION: 128 + 83.17 - 131 + 43.17**  
**FULL S.E. : 131 + 43.17 - 143 + 29.39**



**\* NOTE:**  
 THE PROPOSED PAVEMENT WIDTH TRANSITIONS FROM 60' E/E AT STA. 127+00 TO 48' E/E AT STA. 130+00. (TO END CENTER TURN LANE) THE CURB AND GUTTER TERMINATES AT STA. 133+00 RT. AND STA. 137+57 LT. AND THE HMA SHOULDERS BEGIN.

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PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

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

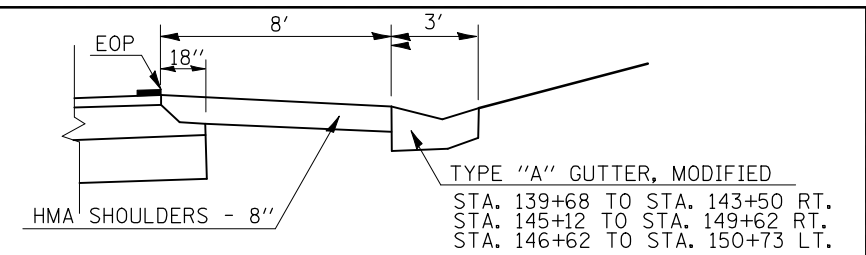
<b>TYPICAL CROSS SECTIONS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VERMILION	86	9
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

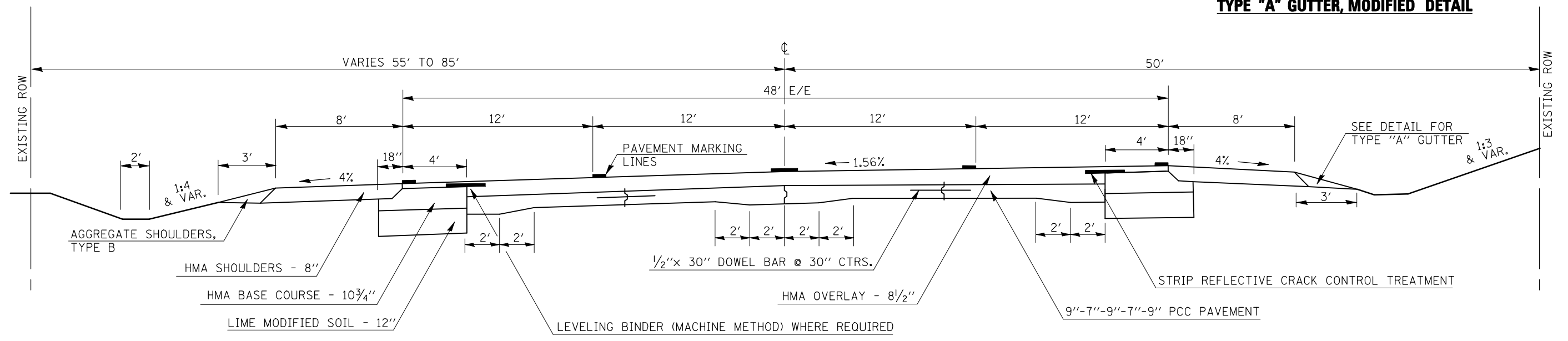
**EXISTING TYPICAL CROSS SECTION ④**

③ STA. 143 + 29.39 - STA. 151 + 46.04 ⑤

**S.E. TRANSITIONS: 143 + 29.39 - 145 + 24.39**



**TYPE "A" GUTTER, MODIFIED DETAIL**

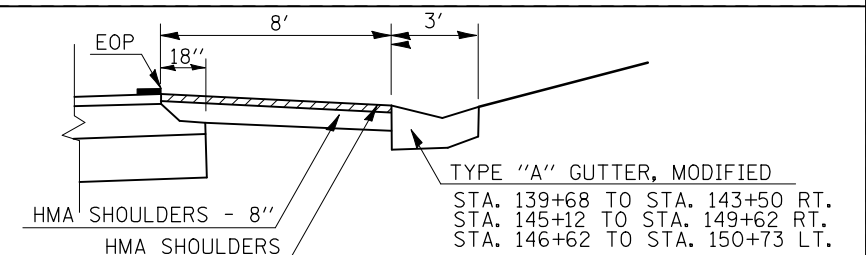


NOTE: SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

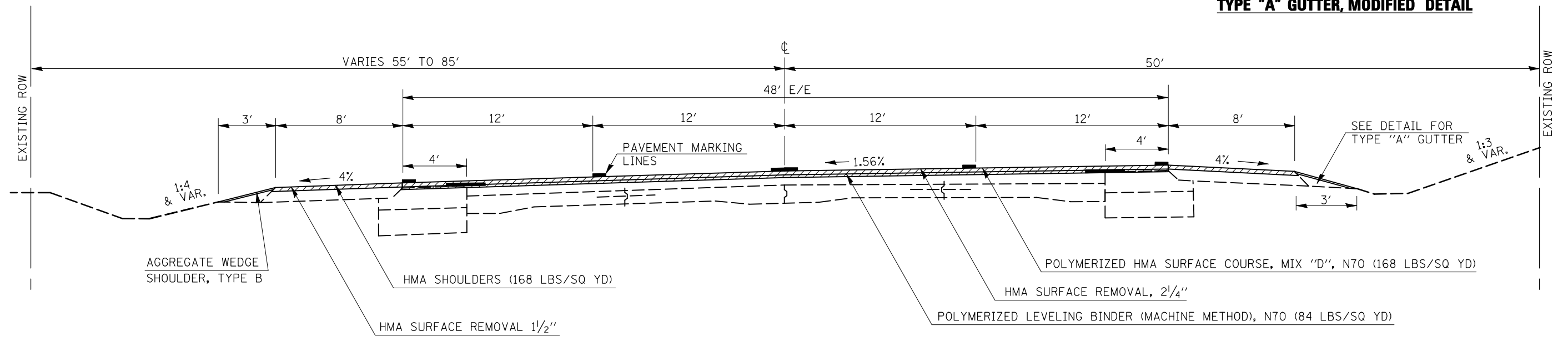
**PROPOSED TYPICAL CROSS SECTION ④**

③ STA. 143 + 29.39 - STA. 151 + 46.04 ⑤

**S.E. TRANSITIONS: 143 + 29.39 - 145 + 24.39**



**TYPE "A" GUTTER, MODIFIED DETAIL**



• (48-X)RS&(48-X)RX, RX-1)RS-1

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PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

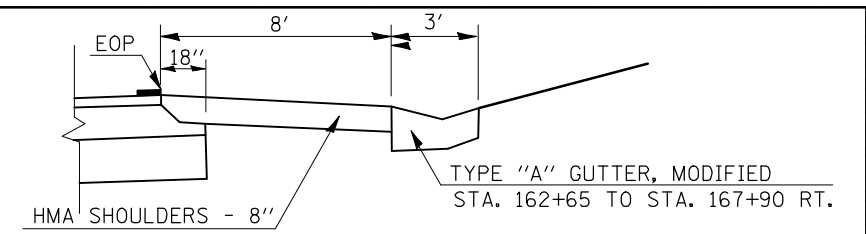
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VERMILION	86	10
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	



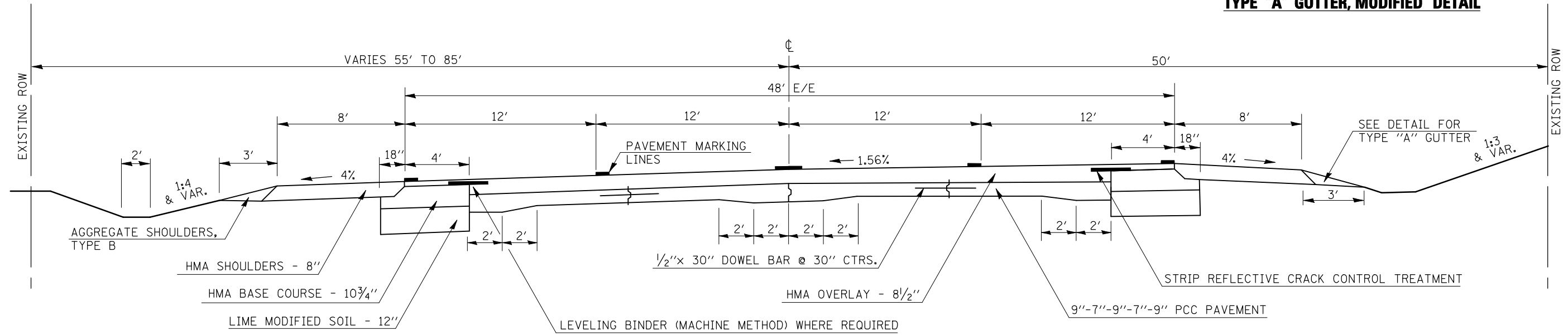
**EXISTING TYPICAL CROSS SECTION 5**

④ STA. 151 + 46.04 - STA. 163 + 67.80 ⑥



S.E. TRANSITIONS: 161 + 27.80 - 163 + 67.80

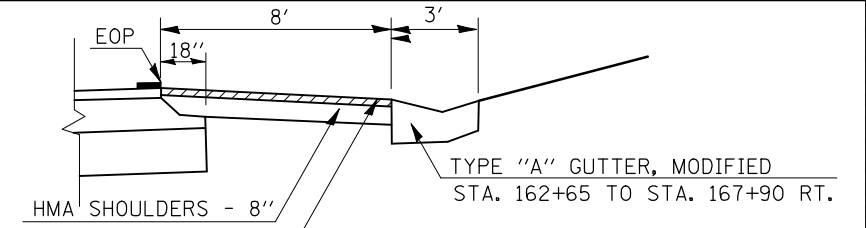
**TYPE "A" GUTTER, MODIFIED DETAIL**



NOTE: SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

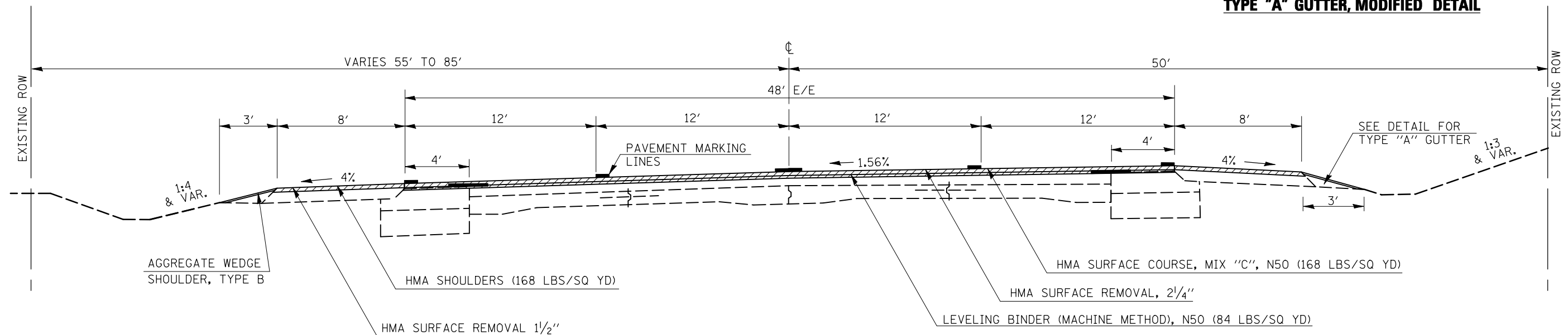
**PROPOSED TYPICAL CROSS SECTION 5**

④ STA. 151 + 46.04 - STA. 163 + 67.80 ⑥



S.E. TRANSITIONS: 161 + 27.80 - 163 + 67.80

**TYPE "A" GUTTER, MODIFIED DETAIL**



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

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

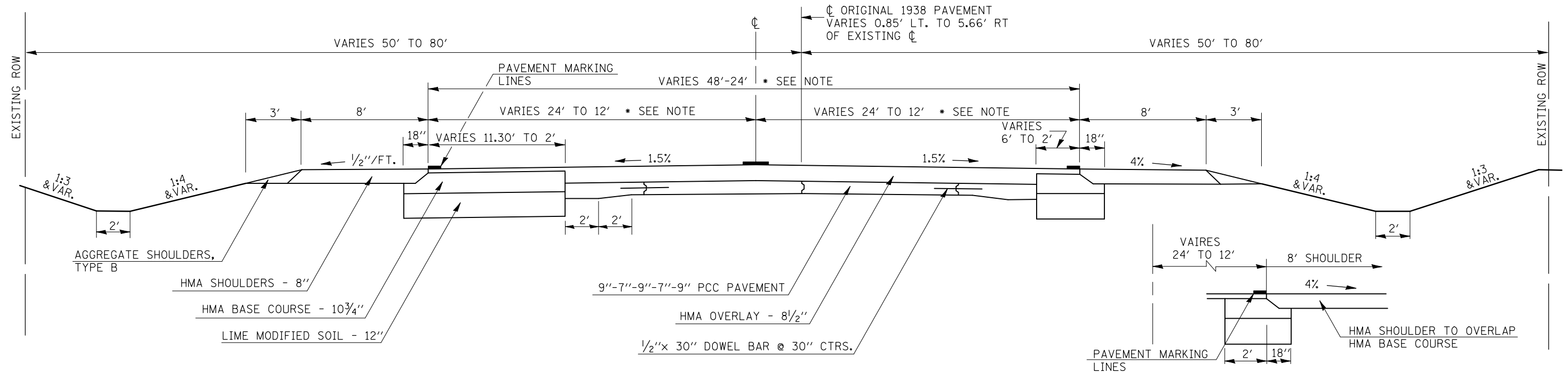
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VERMILION	86	11
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

**EXISTING TYPICAL CROSS SECTION ⑥**

**STATION EQUATION:**  
**174 + 83.87 (BK) =**  
**175 + 02.84 (AH)**

⑤ STA. 163 + 67.80 - STA. 174 + 83.87 ⑦

**S.E. TRANSITION TO AHEAD CURVE: 172 + 43.87 - 174 + 83.87**



\* NOTE: THE EXISTING PAVEMENT WIDTH TRANSITIONS FROM 48' E/E AT STA. 166+62.82 TO 24' E/E AT STA. 174+83.87

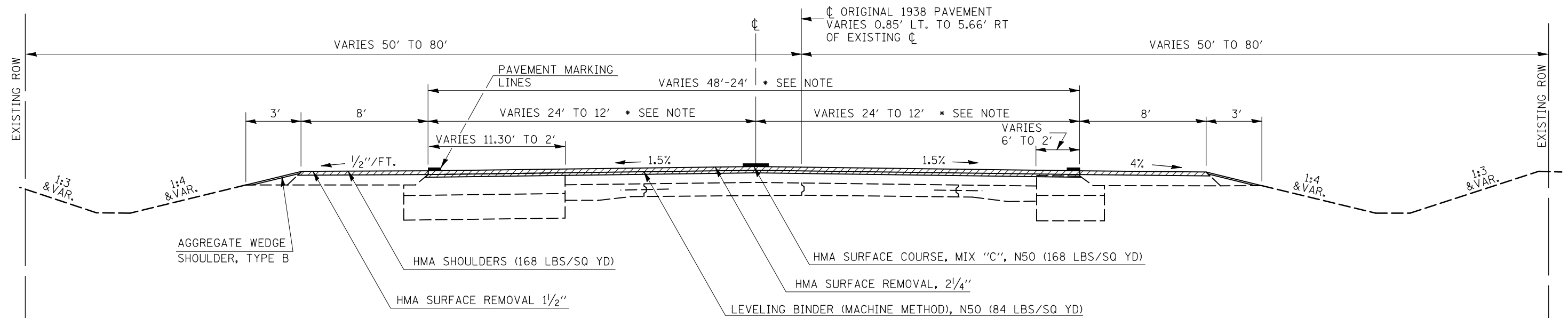
NOTE: SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

**PROPOSED TYPICAL CROSS SECTION ⑥**

**STATION EQUATION:**  
**174 + 83.87 (BK) =**  
**175 + 02.84 (AH)**

⑤ STA. 163 + 67.80 - STA. 174 + 83.87 ⑦

**S.E. TRANSITION TO AHEAD CURVE: 172 + 43.87 - 174 + 83.87**



\* NOTE: THE EXISTING PAVEMENT WIDTH TRANSITIONS FROM 48' E/E AT STA. 166+62.82 TO 24' E/E AT STA. 174+83.87

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
ct:\pw\work\p\dot\bowerml\d0145216\d570124-sh1-typical.dgn		DRAWN - MLB	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL CROSS SECTIONS</b>	
SCALE:	SHEET NO. OF SHEETS STA. TO STA.

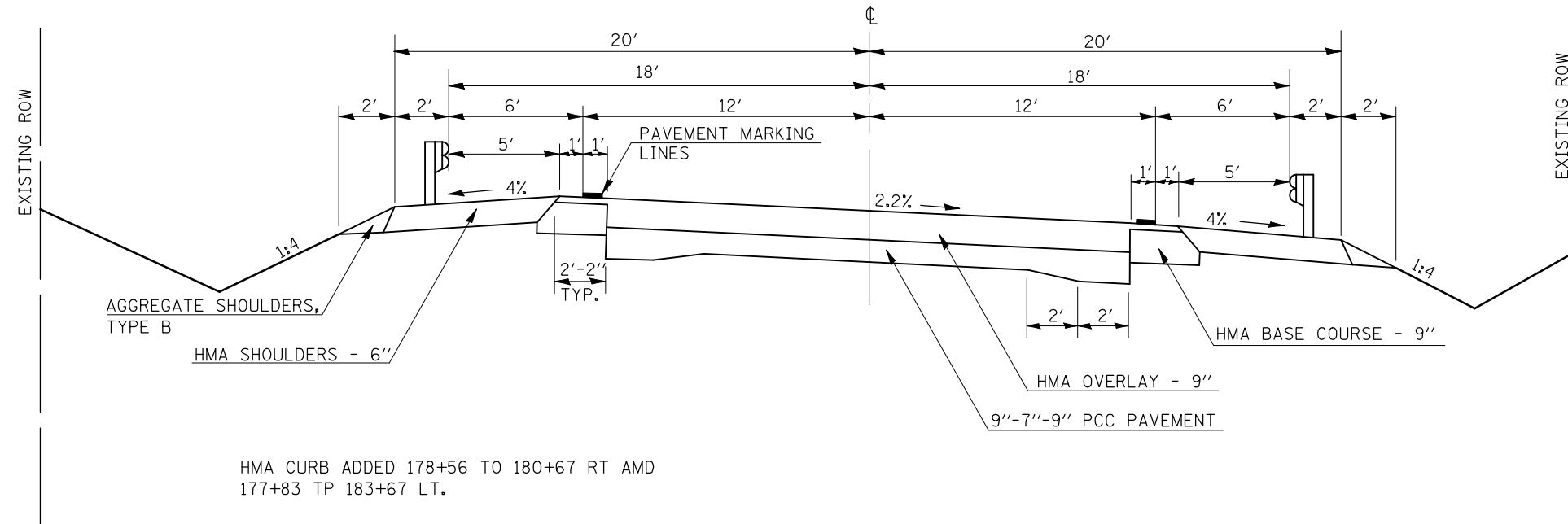
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	VERMILION	86	12
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

(48-X1)RS&(48-X2,RX,RX-1)RS-1

**EXISTING TYPICAL CROSS SECTION 7**

⑥ STA. 175 + 02.84 - STA. 187 + 42.50 ⑧

**STATION EQUATION:**  
 174 + 83.87 (BK) =  
 175 + 02.84 (AH)

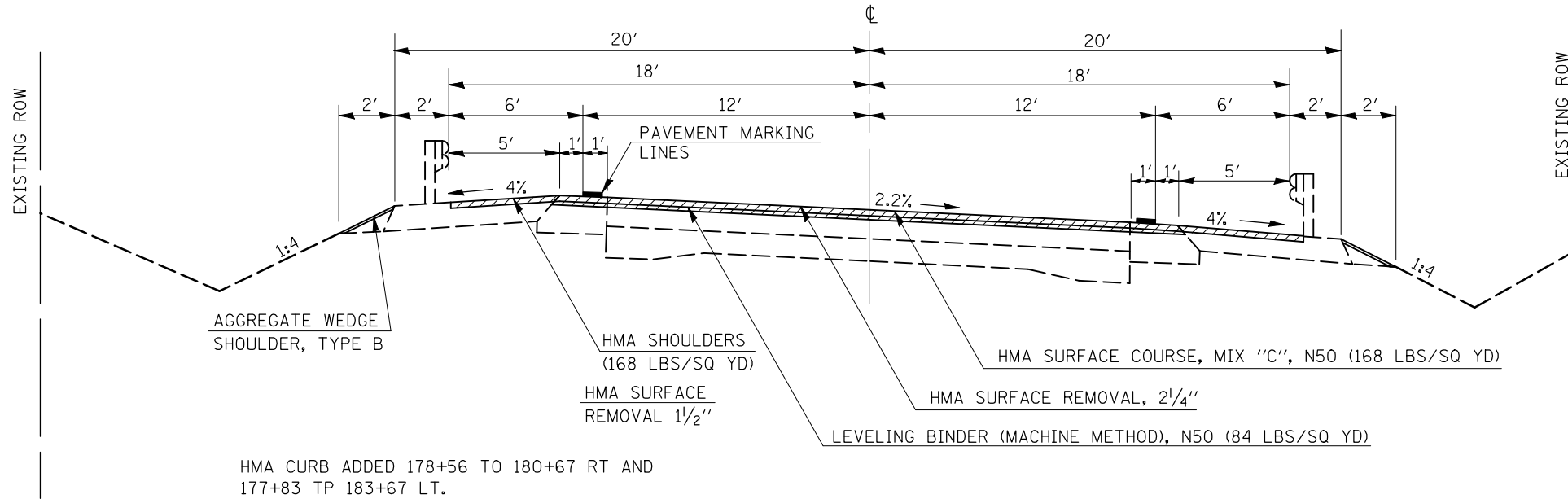


NOTE: SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

**PROPOSED TYPICAL CROSS SECTION 7**

⑥ STA. 175 + 02.84 - STA. 187 + 42.50 ⑧

**STATION EQUATION:**  
 174 + 83.87 (BK) =  
 175 + 02.84 (AH)



(48-X)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

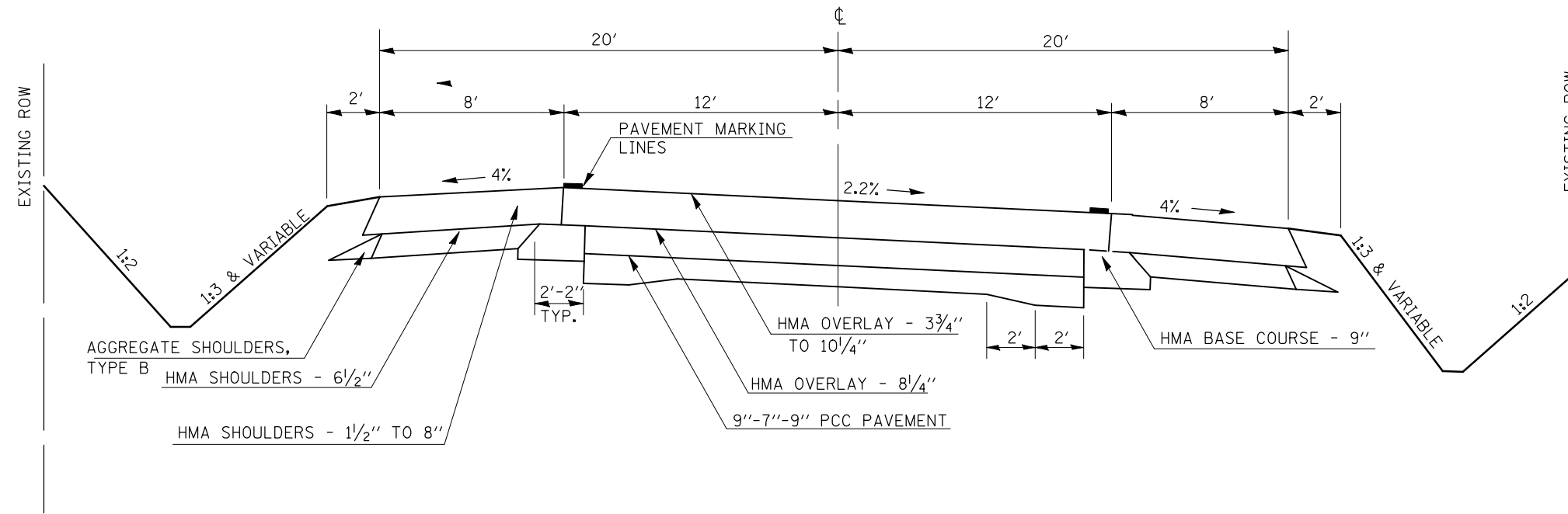
**TYPICAL CROSS SECTIONS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	VERMILION	86	13
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

**EXISTING TYPICAL CROSS SECTION 8**

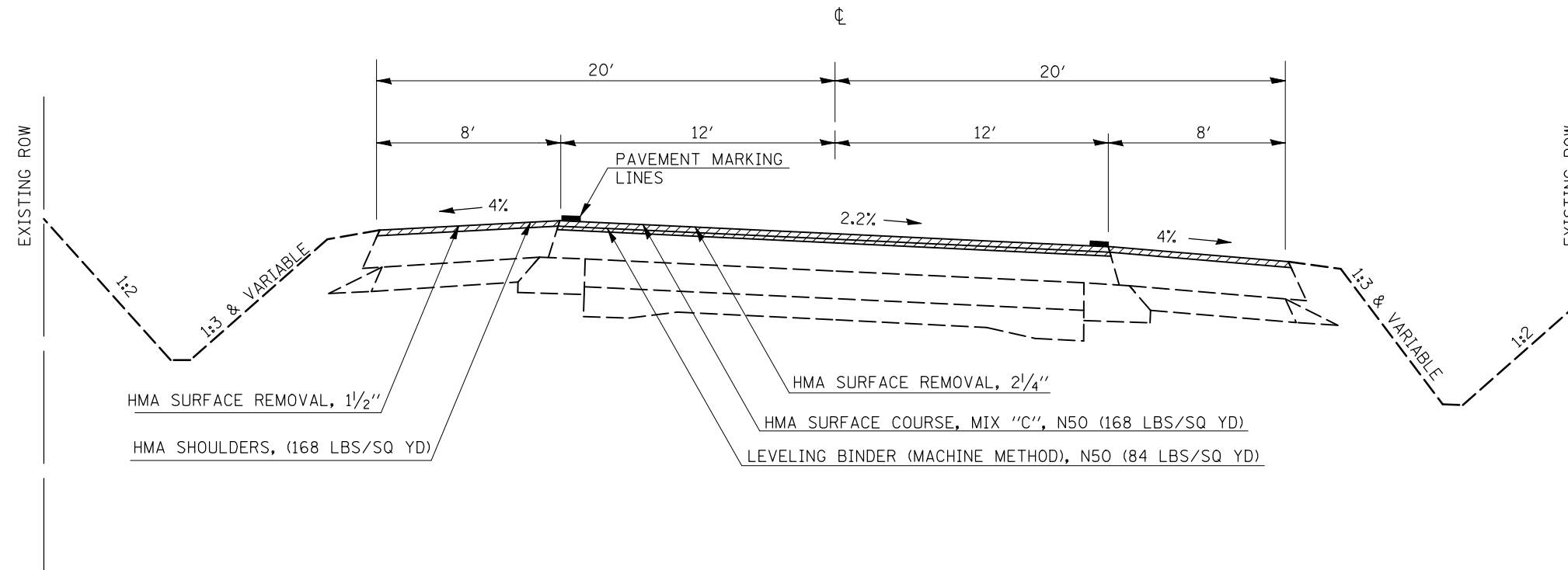
⑦ STA. 187 + 42.50 - STA. 188 + 78.50 ⑨



HMA CURB ADDED 178+56 TO 180+67 RT AMD  
177+83 TP 183+67 LT.

**PROPOSED TYPICAL CROSS SECTION 8**

⑦ STA. 187 + 42.50 - STA. 188 + 78.50 ⑨



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED -	MLB	REVISED -	
ct:\pw\work\p\dot\bowerml\d0145216\d570124-sh1-typical.dgn		DRAWN -	MLB	REVISED -	
		CHECKED -		REVISED -	
		DATE -	1/06/10	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

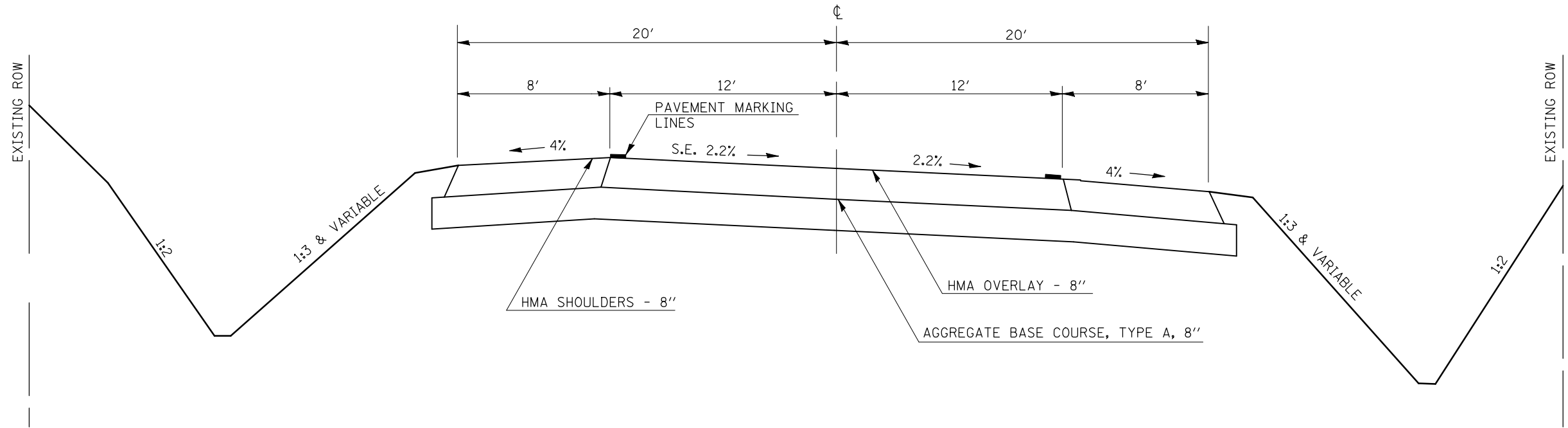
**TYPICAL CROSS SECTIONS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	VERMILION	86	14
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

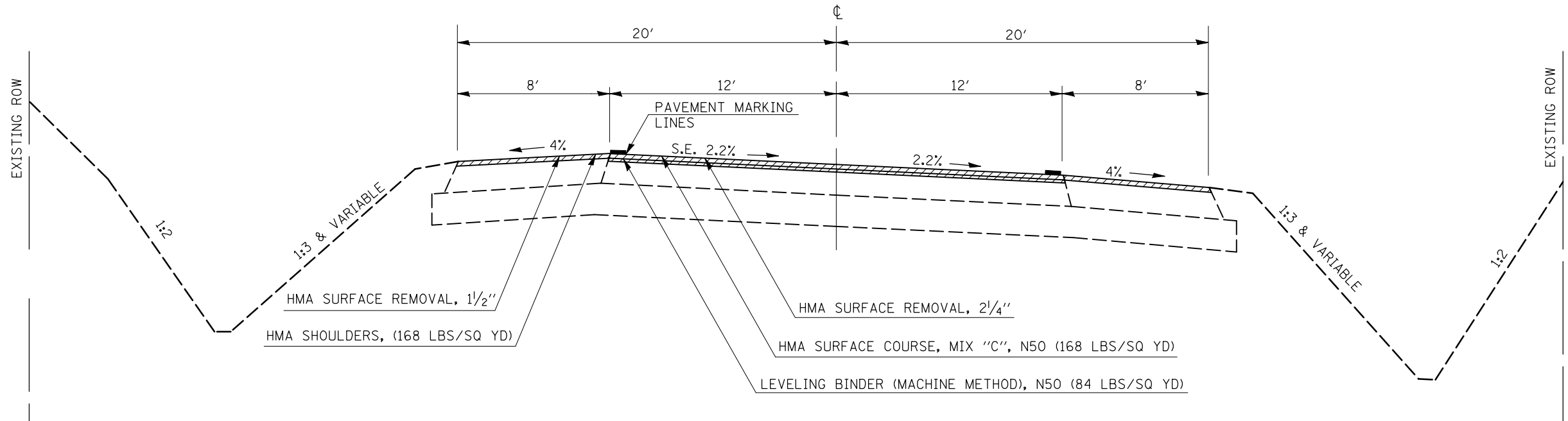
### EXISTING TYPICAL CROSS SECTION 9

⑧ STA. 188 + 78.50 - STA. 192 + 25.00 ⑩



### PROPOSED TYPICAL CROSS SECTION 9

⑧ STA. 188 + 78.50 - STA. 192 + 25.00 ⑩



(48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
ct:\pw\work\p\dot\bowerml\d0145216\d570124-sh1-typical.dgn		DRAWN - MLB	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

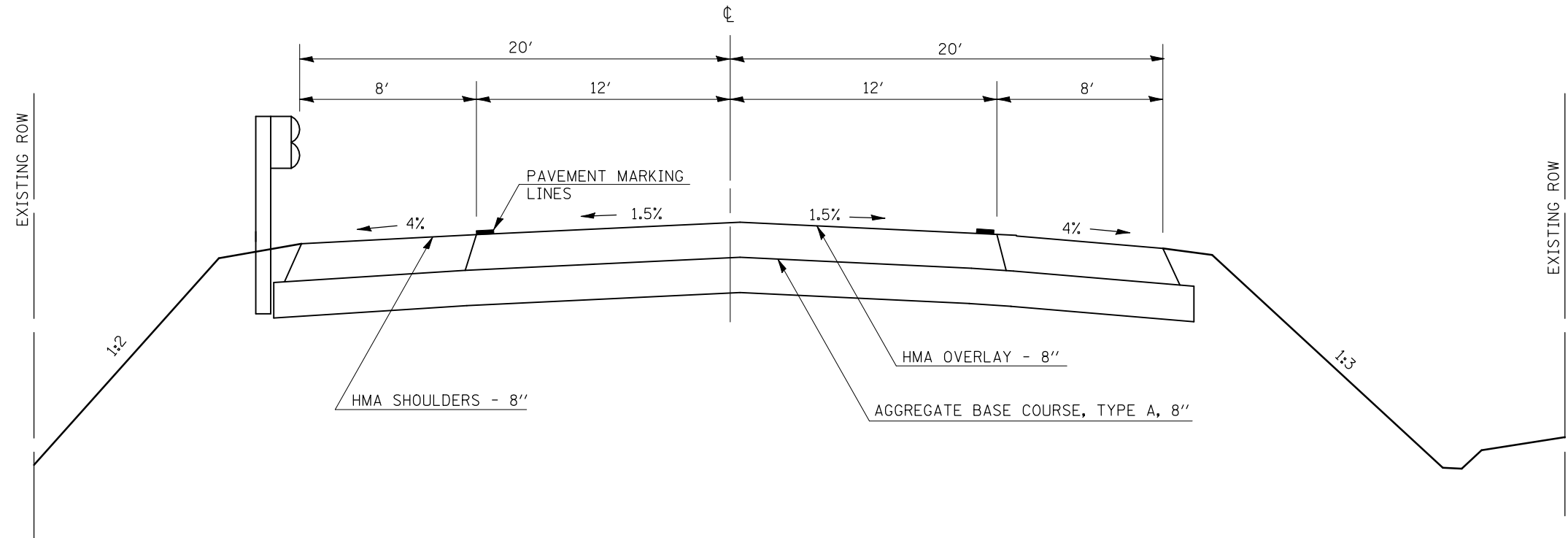
TYPICAL CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VERMILION	86	15
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

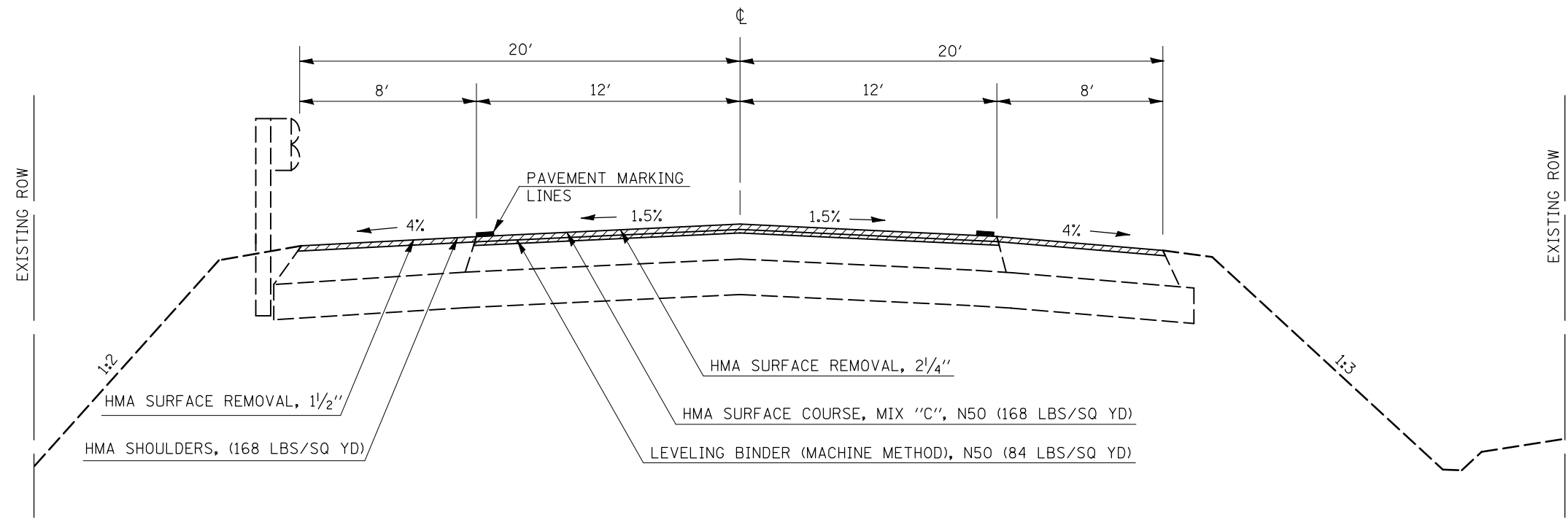
**EXISTING TYPICAL CROSS SECTION 10**

⑨ STA. 192 + 25.00 – STA. 196 + 22.82 ⑩



**PROPOSED TYPICAL CROSS SECTION 10**

⑨ STA. 192 + 25.00 – STA. 196 + 22.82 ⑩



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
ct:\pw\work\p\dot\bowerml\d0145216\d570124-sh-typical.dgn		DRAWN - MLB	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2010	DATE - 1/06/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

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

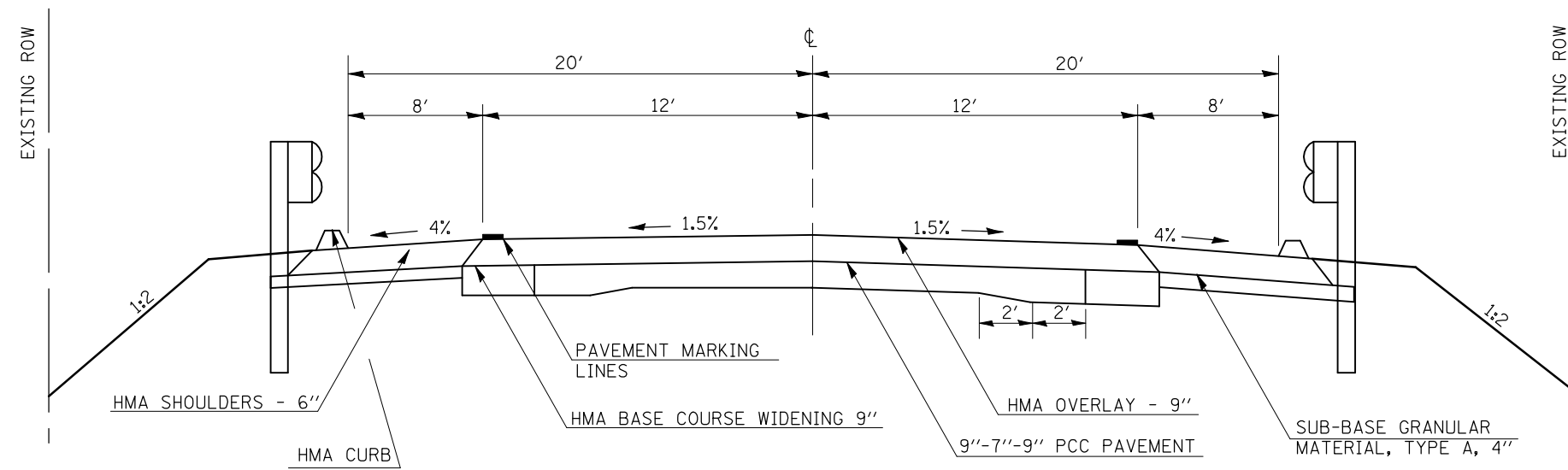
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VERMILION	86	16
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL CROSS SECTION 11**

⑩ STA. 196 + 22.82 - STA. 202 + 00.00 ⑫

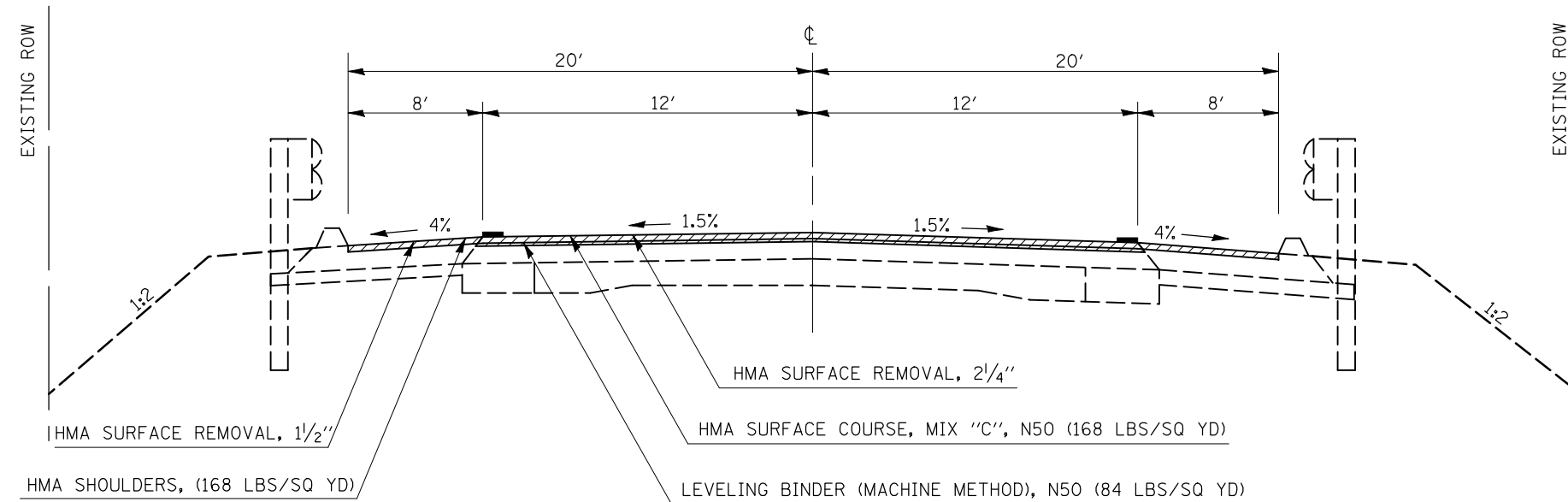
**SN 092-0205 OMISSION  
STA. 196 + 22.82 TO STA. 201 + 04.68**



**PROPOSED TYPICAL CROSS SECTION 11**

⑩ STA. 196 + 22.82 - STA. 202 + 00.00 ⑫

**SN 092-0205 OMISSION  
STA. 196 + 22.82 TO STA. 201 + 04.68**



• (48-X)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
ct:\pw\work\p\dot\bowerml\d0145216\d570124-shr-typical.dgn		DRAWN - MLB	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

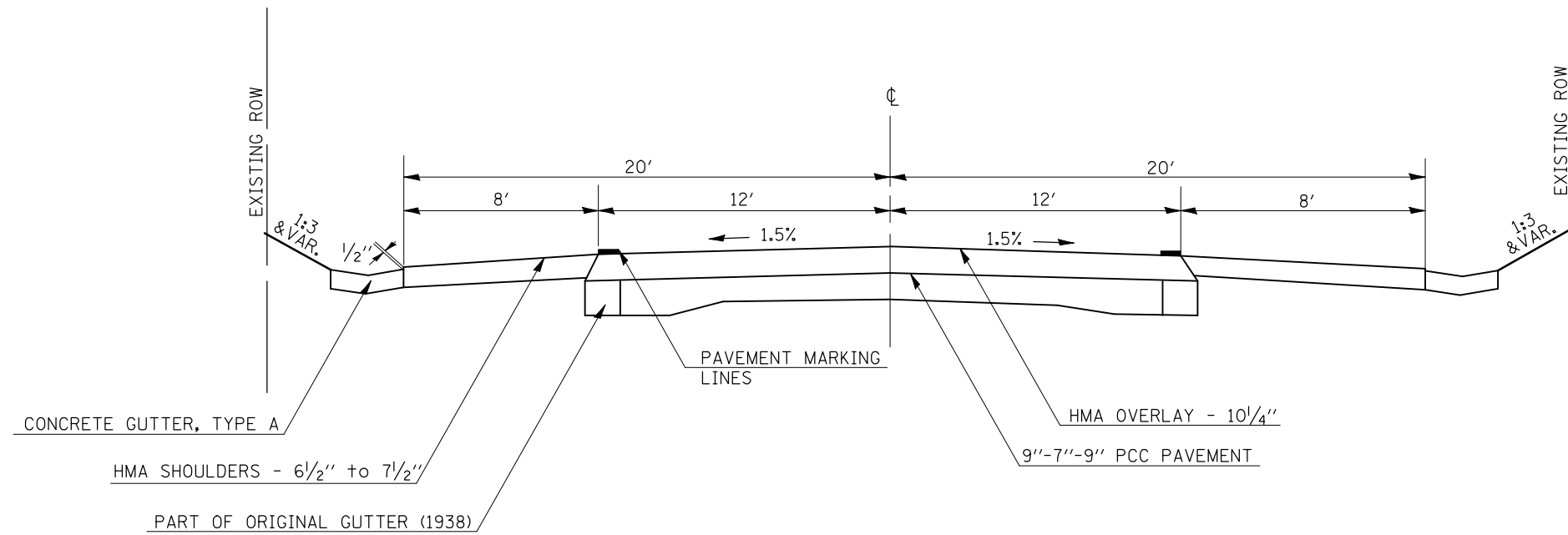
**TYPICAL CROSS SECTIONS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	VERMILION	86	17
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

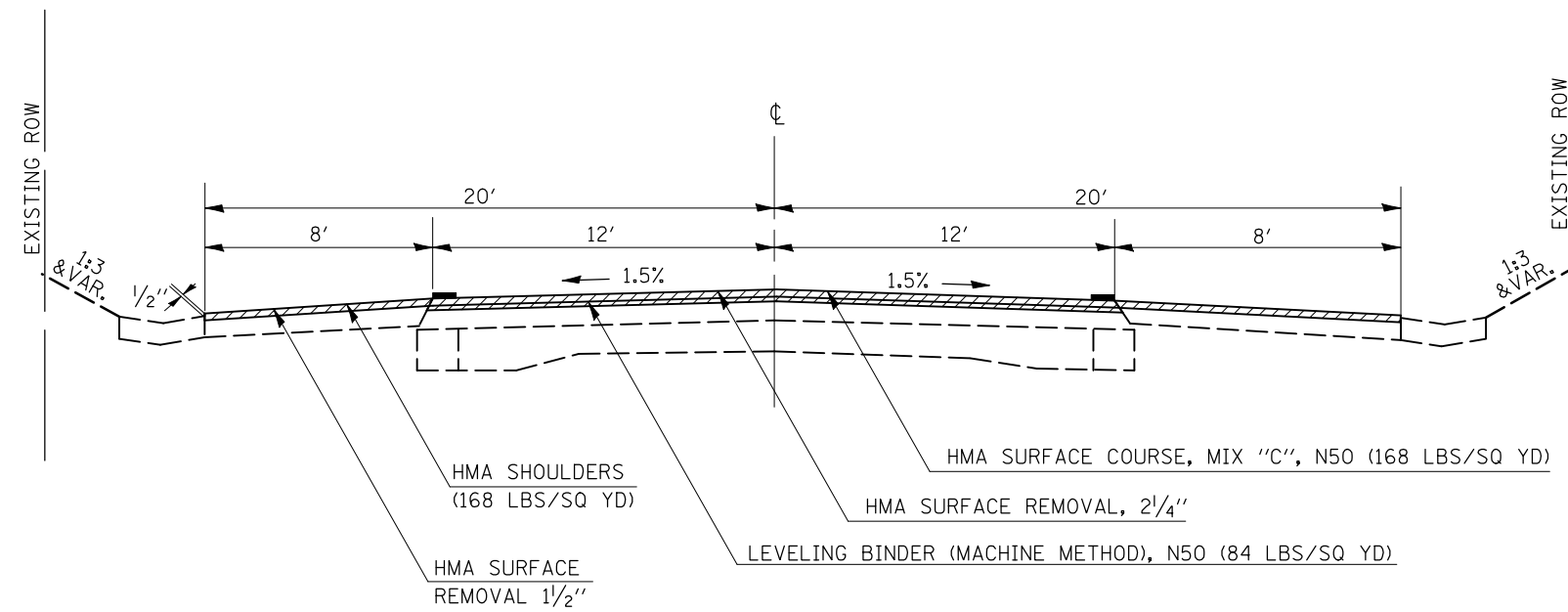
**EXISTING TYPICAL CROSS SECTION 12**

11 STA. 202 + 00.00 - STA. 225 + 82.00 13



**PROPOSED TYPICAL CROSS SECTION 12**

11 STA. 202 + 00.00 - STA. 225 + 82.00 13



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
ct:\pw\work\p\dot\bowerml\d0145216\d570124-sh1-typical.dgn		DRAWN - MLB	REVISED -
		CHECKED -	REVISED -
		DATE - 1/06/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

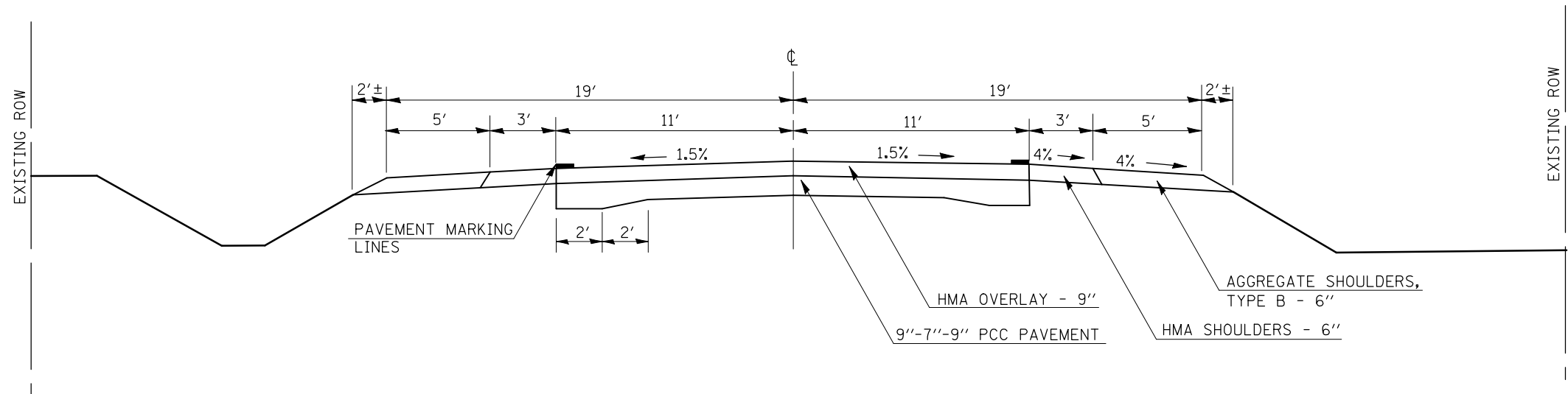
**TYPICAL CROSS SECTIONS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	VERMILION	86	18
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

**EXISTING TYPICAL CROSS SECTION 13**

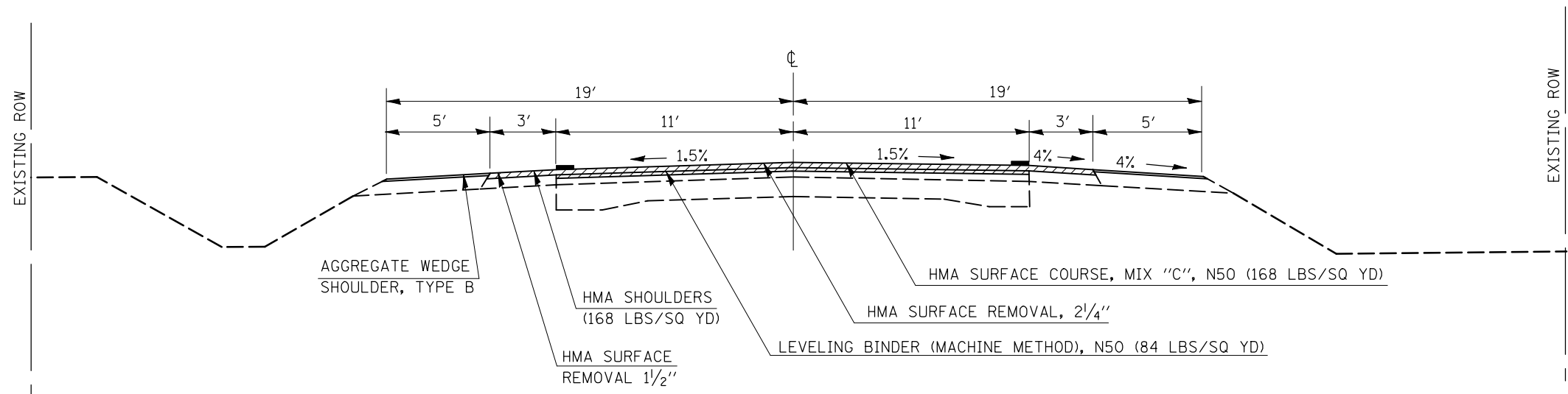
- 12 STA. 225 + 82.00 TO STA. 346 + 15.00 14
- 14 STA. 369 + 33.00 TO STA. 377 + 29.00 15
- 15 STA. 394 + 48.00 TO STA. 497 + 00.00 16



NOTE: SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

**PROPOSED TYPICAL CROSS SECTION 13**

- 12 STA. 225 + 82.00 TO STA. 346 + 15.00 14
- 14 STA. 369 + 33.00 TO STA. 377 + 29.00 15
- 15 STA. 394 + 48.00 TO STA. 497 + 00.00 16



• (48-X)IRS&(48-X)2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
ct:\pw\work\p\dot\bowerml\d0145216\d570124-shit-typical.dgn		DRAWN - MLB	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

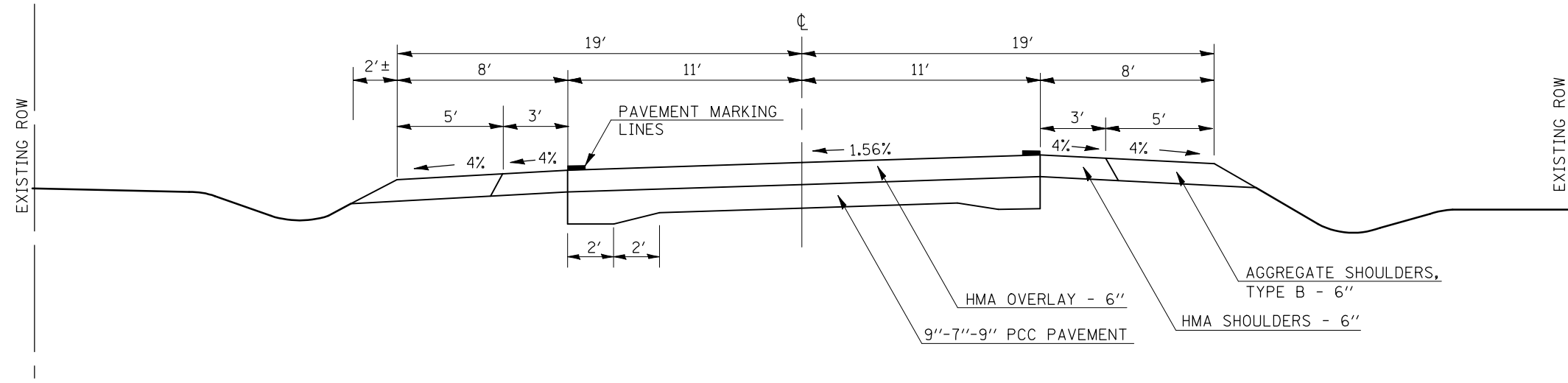
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	VERMILION	86	19
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

**EXISTING TYPICAL CROSS SECTION 14**

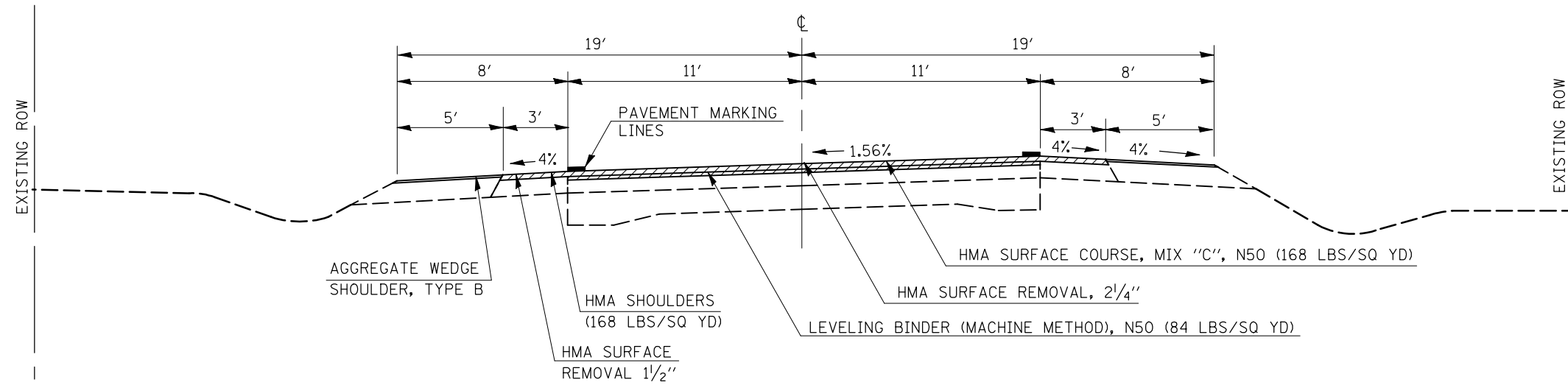
13 STA. 346+15.00 TO STA. 369+33.00 13



NOTE: SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

**PROPOSED TYPICAL CROSS SECTION 14**

13 STA. 346+15.00 TO STA. 369+33.00 13



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
ct:\pw\work\p\dot\bowerml\d0145216\d570124-shit-typical.dgn		DRAWN - MLB	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

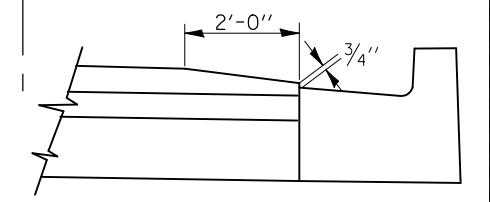
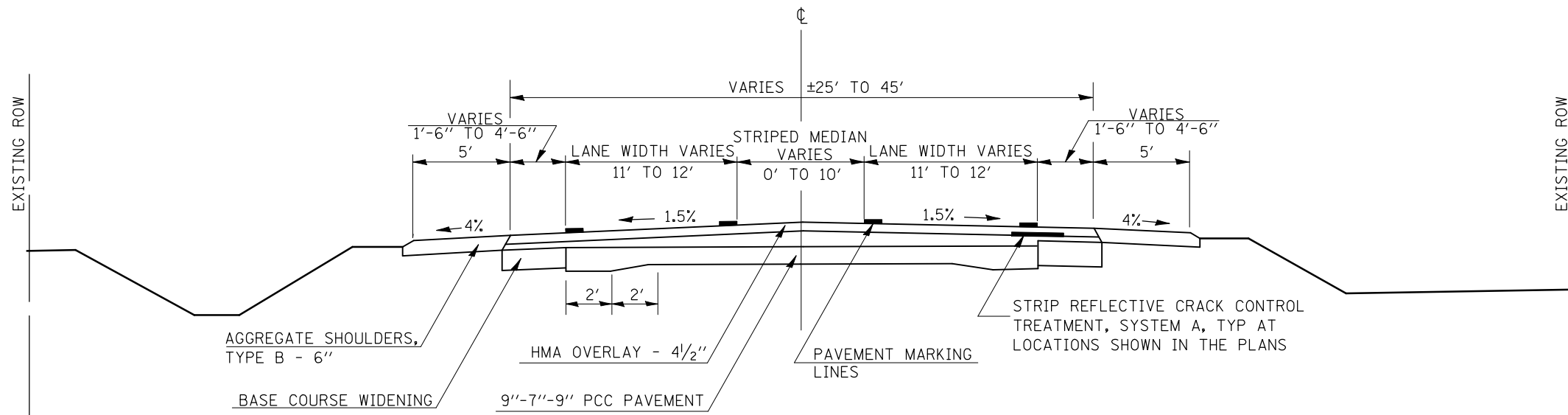
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	VERMILION	86	20
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL CROSS SECTION 16**

⑬ STA. 497+00.00 TO STA. 515+23.00 ⑰  
 STA. 614+26.00 TO STA. 625+79.00 (US 136 / IL 119)

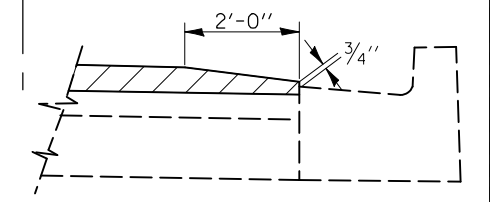
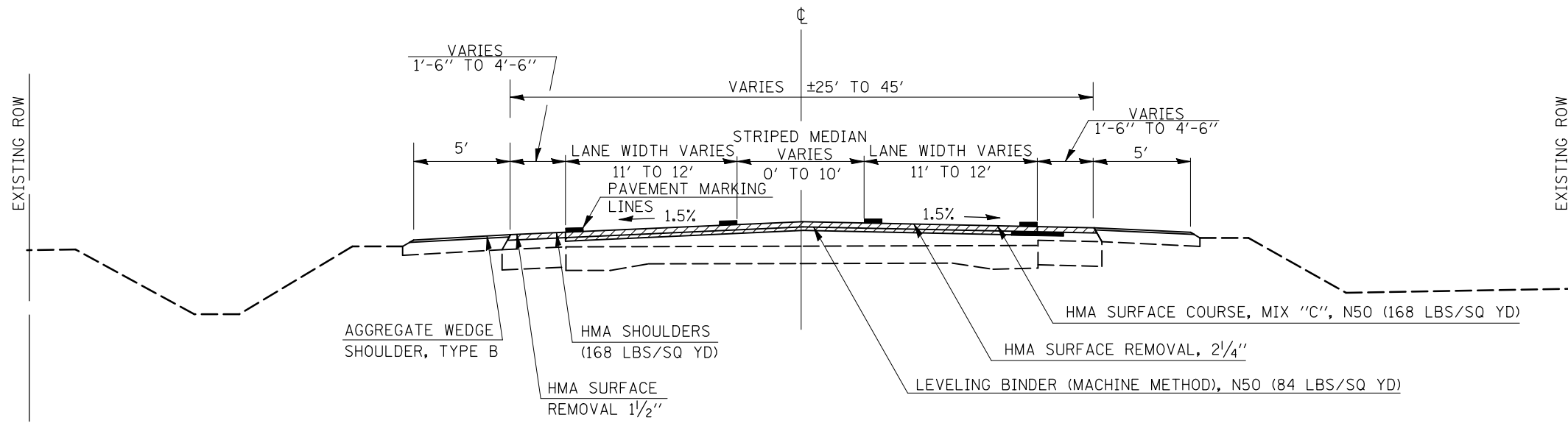


**DETAIL - SURFACING AT GUTTER**

NOTE: SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

**PROPOSED TYPICAL CROSS SECTION 16**

⑬ STA. 497+00.00 TO STA. 515+23.00 ⑰  
 STA. 614+26.00 TO STA. 625+79.00 (US 136 / IL 119)



**DETAIL - SURFACING AT GUTTER**

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
ct:\pw\work\p\dot\bowerml\d0145216\d570124-sh\typical.dgn		DRAWN - MLB	REVISED -
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VERMILION	86	22
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

• (48-X1)RS&(48-X2)RX, RX-1RS-1

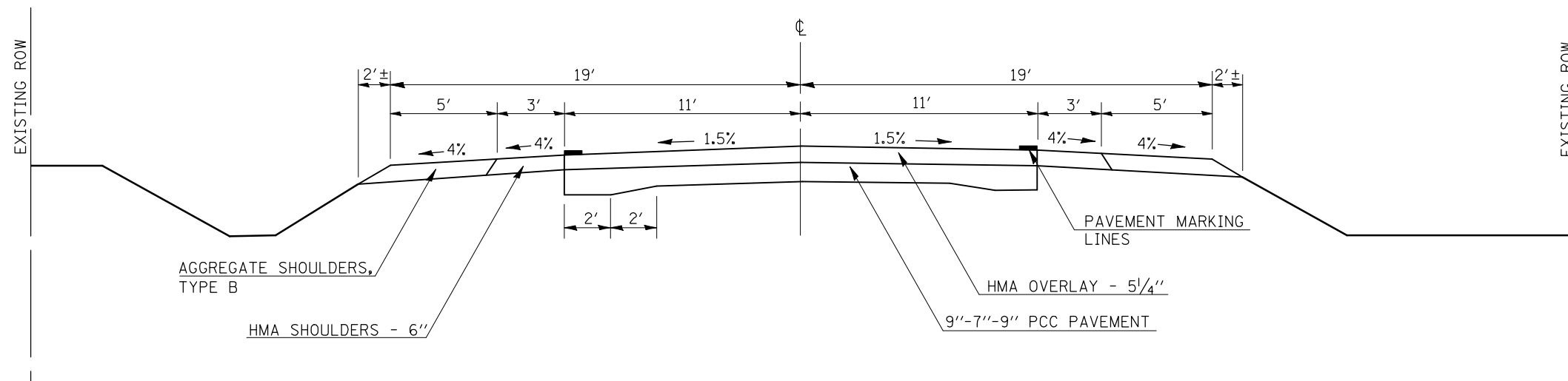


## EXISTING TYPICAL CROSS SECTION 17

16 STA. 515 + 23.00 TO STA. 593 + 09.00 18  
 18 STA. 617 + 20.00 TO STA. 627 + 05.61 18

**SN 092-0189 OMISSION**  
STA. 520 + 02.50 TO STA. 520 + 67.50

**SN 092-0034 OMISSION**  
STA. 621 + 00.40 TO STA. 624 + 81.00



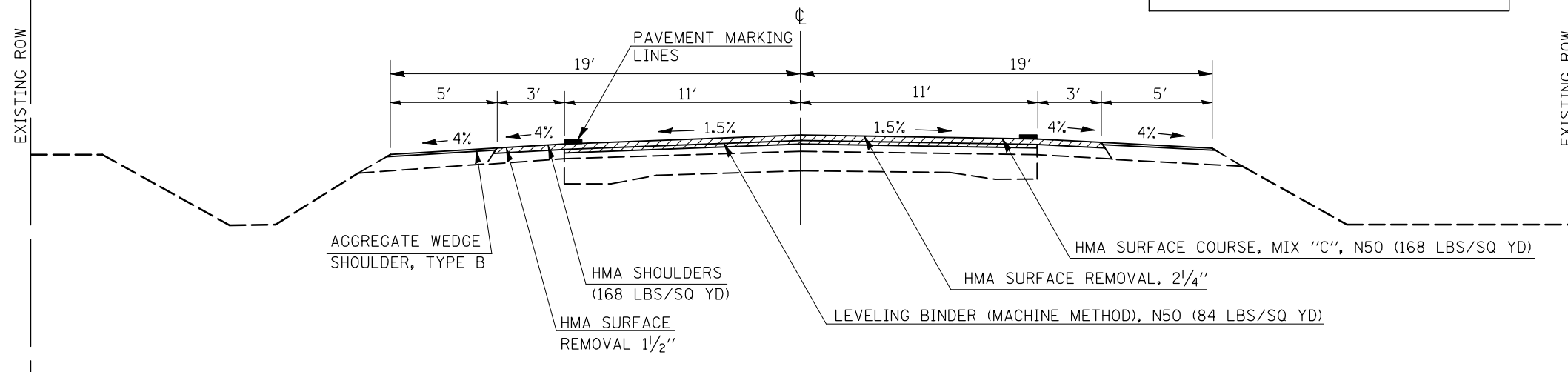
NOTE: SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

## PROPOSED TYPICAL CROSS SECTION 17

16 STA. 515 + 23.00 TO STA. 593 + 09.00 18  
 18 STA. 617 + 20.00 TO STA. 627 + 05.61 18

**SN 092-0189 OMISSION**  
STA. 520 + 02.50 TO STA. 520 + 67.50

**SN 092-0034 OMISSION**  
STA. 621 + 00.40 TO STA. 624 + 81.00



FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
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PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

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

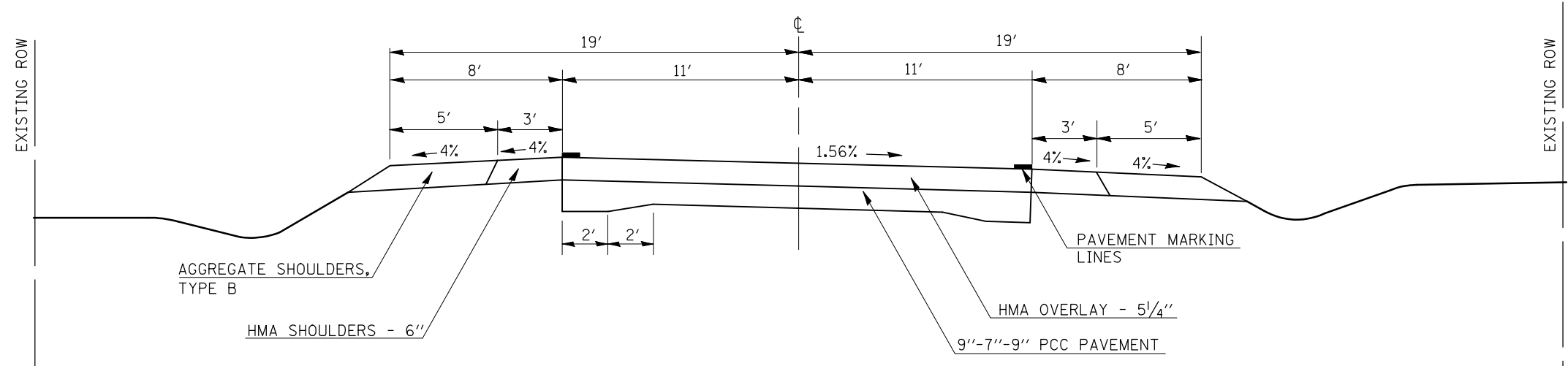
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	•	VERMILION	86	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70124	

• (48-X1)RS&(48-X2,RX,RX-1)RS-1



**EXISTING TYPICAL CROSS SECTION 19**

18 STA. 630+67.00 TO STA. 643+61.09 20



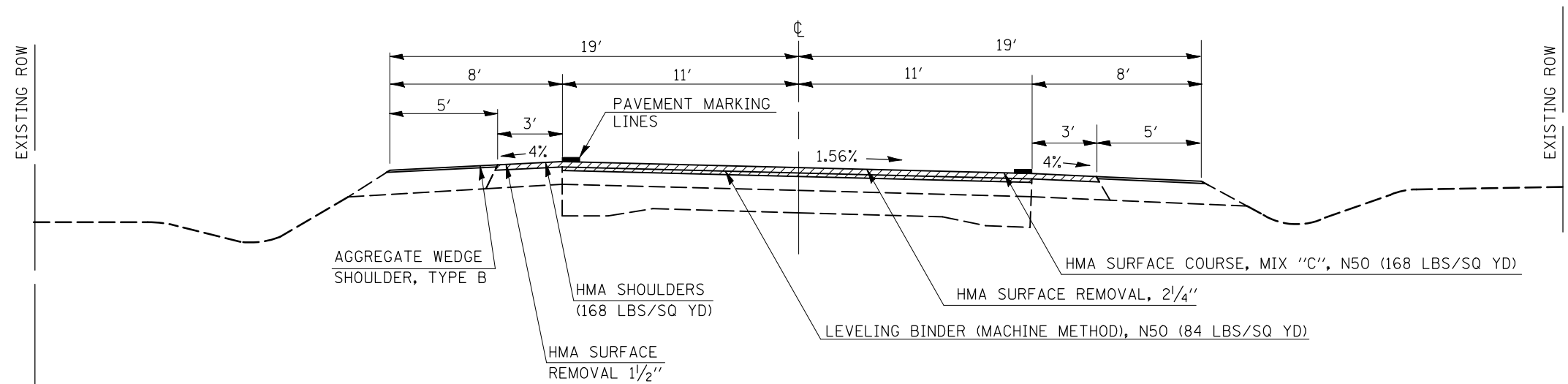
**SUPERELEVATION TRANSITION**

**S.E. REMOVAL STA. 642+22.00 TO STA. 644+62.00**

NOTE: SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

**PROPOSED TYPICAL CROSS SECTION 19**

18 STA. 630+67.00 TO STA. 643+61.09 20



**SUPERELEVATION TRANSITION**

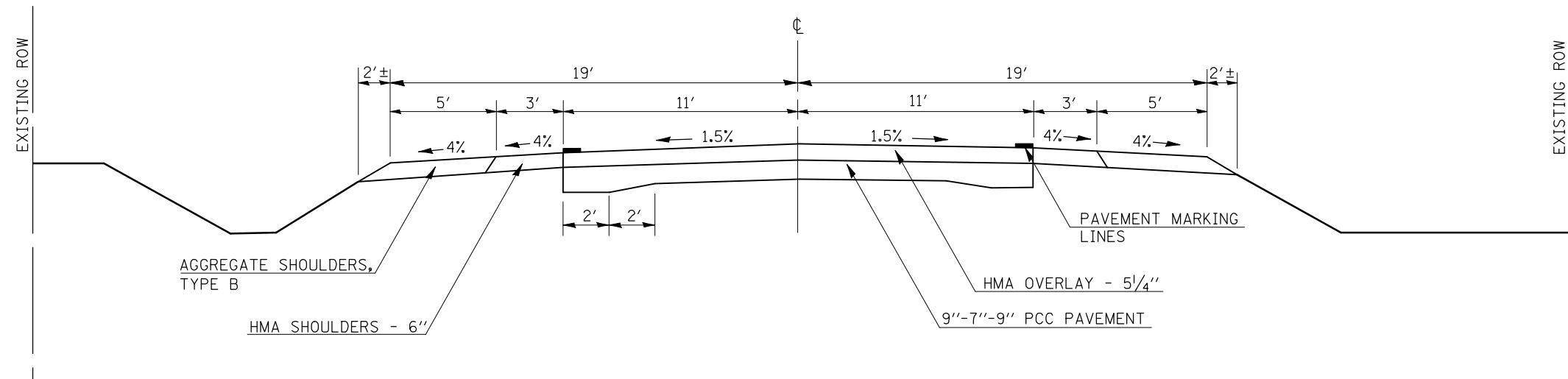
**S.E. REMOVAL STA. 642+89.30 TO STA. 643+61.09**

• (48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\bowerml\d0145216\d570124-shit-typical.dgn		DRAWN - MLB	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	•	VERMILION	86	25
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -								CONTRACT NO. 70124		
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -								ILLINOIS FED. AID PROJECT		

**EXISTING TYPICAL CROSS SECTION (20)**

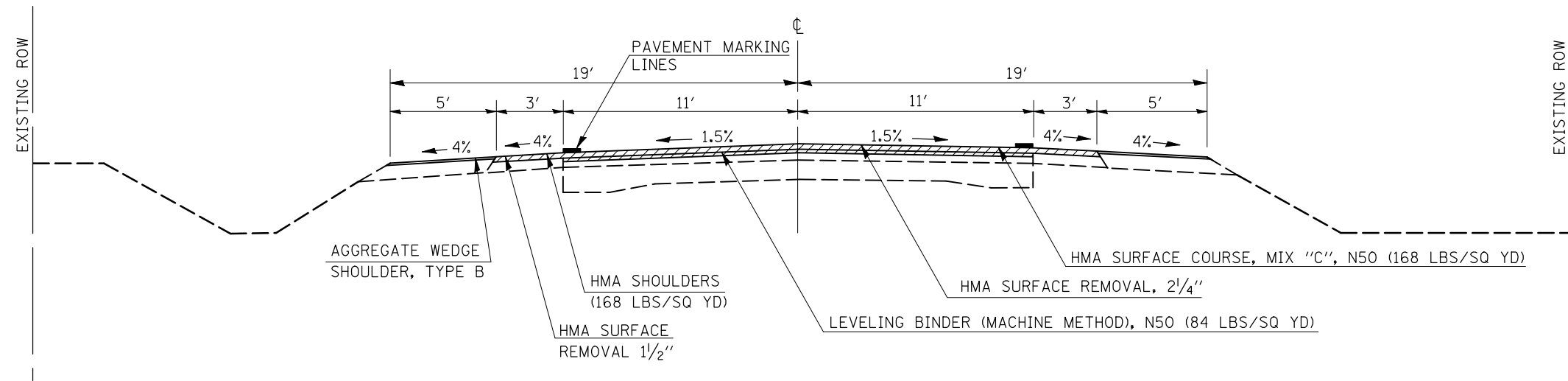
(19) STA. 643 + 61.09 TO STA. 769 + 25.00



NOTE: SHOULDERS ARE A BAM MIX AND WILL NEED TO BE MILLED SEPARATELY FROM MAINLINE PAVEMENT SO THAT RAP CAN BE STOCKPILED SEPARATELY.

**PROPOSED TYPICAL CROSS SECTION (20)**

(19) STA. 643 + 61.09 TO STA. 769 + 25.00



FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwwork\pwwork\borerml\d0145216\d570124-shit-typicall.dgn		DRAWN - MLB	REVISED -							VERMILION	86	26	
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			
PLOT DATE = 1/27/2010		DATE - 1/06/10	REVISED -			ILLINOIS FED. AID PROJECT							
							CONTRACT NO. 70124						

**SCHEDULE OF CLASS D PATCHING, 18"**

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201863	44201869
				TYPE II (SQ. YD.)	TYPE IV (SQ. YD.)
64+57.00	NB DRIVING	20	12	0.0	26.7
68+74.00	NB DRIVING	8	12	10.7	0.0
71+77.00	NB PASSING	6	12	8.0	0.0
84+66.00	NB DRIVING	8	12	10.7	0.0
84+66.00	NB PASSING	8	12	10.7	0.0
84+66.00	TURN LANE	8	12	10.7	0.0
84+66.00	SB DRIVING	8	12	10.7	0.0
84+66.00	SB PASSING	8	12	10.7	0.0
89+66.00	TURN LANE	6	12	8.0	0.0
89+66.00	SB DRIVING	6	12	8.0	0.0
89+66.00	SB PASSING	6	12	8.0	0.0
90+71.00	TURN LANE	6	12	8.0	0.0
90+71.00	SB DRIVING	6	12	8.0	0.0
90+71.00	SB PASSING	6	12	8.0	0.0
94+32.00	NB PASSING	8	12	10.7	0.0
94+32.00	TURN LANE	8	12	10.7	0.0
94+32.00	SB DRIVING	8	12	10.7	0.0
94+32.00	SB PASSING	8	12	10.7	0.0
98+88.00	NB DRIVING	8	12	10.7	0.0
99+72.00	NB PASSING	8	12	10.7	0.0
109+79.00	NB PASSING	6	12	8.0	0.0
109+79.00	TURN LANE	6	12	8.0	0.0
113+39.00	NB PASSING	6	12	8.0	0.0
113+39.00	TURN LANE	6	12	8.0	0.0
121+36.00	NB PASSING	6	12	8.0	0.0
121+36.00	TURN LANE	6	12	8.0	0.0
121+36.00	SB PASSING	6	12	8.0	0.0
122+10.00	NB PASSING	6	12	8.0	0.0
122+10.00	TURN LANE	6	12	8.0	0.0
122+10.00	SB PASSING	6	12	8.0	0.0
122+57.00	SB DRIVING	8	12	10.7	0.0
124+66.00	NB PASSING	6	12	8.0	0.0
124+66.00	TURN LANE	6	12	8.0	0.0
125+99.00	NB DRIVING	6	12	8.0	0.0
125+99.00	NB PASSING	6	12	8.0	0.0
125+99.00	TURN LANE	6	12	8.0	0.0
125+99.00	SB DRIVING	6	12	8.0	0.0
125+99.00	SB PASSING	6	12	8.0	0.0
127+20.00	TURN LANE	8	12	10.7	0.0
127+20.00	SB DRIVING	8	12	10.7	0.0
127+20.00	SB PASSING	8	12	10.7	0.0
129+57.00	NB DRIVING	6	12	8.0	0.0
129+57.00	NB PASSING	6	12	8.0	0.0
129+57.00	SB DRIVING	6	12	8.0	0.0
129+57.00	SB PASSING	6	12	8.0	0.0
130+47.00	NB DRIVING	6	12	8.0	0.0
130+47.00	NB PASSING	6	12	8.0	0.0
131+66.00	SB DRIVING	10	12	13.3	0.0
135+69.00	NB DRIVING	6	12	8.0	0.0
135+69.00	NB PASSING	6	12	8.0	0.0

**SCHEDULE OF CLASS D PATCHING, 18"**

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201863	44201869
				TYPE II (SQ. YD.)	TYPE IV (SQ. YD.)
135+69.00	SB DRIVING	6	12	8.0	0.0
135+69.00	SB PASSING	6	12	8.0	0.0
136+01.00	SB DRIVING	6	12	8.0	0.0
136+01.00	SB PASSING	6	12	8.0	0.0
141+90.00	NB DRIVING	6	12	8.0	0.0
141+90.00	NB PASSING	6	12	8.0	0.0
144+76.00	NB DRIVING	6	12	8.0	0.0
147+04.00	NB PASSING	6	12	8.0	0.0
147+04.00	SB PASSING	6	12	8.0	0.0
147+17.00	NB DRIVING	6	12	8.0	0.0
149+69.00	SB PASSING	20	12	0.0	26.7
152+50.00	NB DRIVING	6	12	8.0	0.0
152+50.00	NB PASSING	6	12	8.0	0.0
153+50.00	TURN LANE	6	12	8.0	0.0
154+38.00	NB DRIVING	4	12	5.3	0.0
154+38.00	NB PASSING	4	12	5.3	0.0
154+38.00	SB DRIVING	4	12	5.3	0.0
154+38.00	SB PASSING	4	12	5.3	0.0
160+95.00	NB DRIVING	6	12	8.0	0.0
160+95.00	NB PASSING	6	12	8.0	0.0
160+95.00	SB DRIVING	6	12	8.0	0.0
160+95.00	SB PASSING	6	12	8.0	0.0
162+34.00	NB DRIVING	6	12	8.0	0.0
162+34.00	NB PASSING	6	12	8.0	0.0
164+49.00	NB DRIVING	6	12	8.0	0.0
164+49.00	NB PASSING	6	12	8.0	0.0
166+10.00	NB DRIVING	6	12	8.0	0.0
166+10.00	NB PASSING	6	12	8.0	0.0
166+10.00	SB DRIVING	6	12	8.0	0.0
166+10.00	SB PASSING	6	12	8.0	0.0
166+62.00	SB PASSING	6	12	8.0	0.0
167+09.00	NB DRIVING	6	12	8.0	0.0
167+09.00	NB PASSING	6	12	8.0	0.0
167+09.00	SB DRIVING	6	12	8.0	0.0
167+09.00	SB PASSING	6	12	8.0	0.0
167+60.00	SB DRIVING	6	12	8.0	0.0
167+60.00	TURN LANE	6	12	8.0	0.0
172+60.00	NB	6	12	8.0	0.0
172+60.00	SB	6	12	8.0	0.0
173+45.00	NB	6	12	8.0	0.0
173+45.00	SB	6	12	8.0	0.0
173+45.00	SB	6	12	8.0	0.0
179+16.00	NB	6	13	8.7	0.0
179+76.00	NB	6	13	8.7	0.0
179+76.00	SB	6	13	8.7	0.0
180+66.00	NB	6	13	8.7	0.0
180+66.00	SB	6	13	8.7	0.0
183+66.00	NB	6	13	8.7	0.0
183+66.00	SB	6	13	8.7	0.0
231+89.00	NB	10	11	12.2	0.0
231+89.00	SB	10	11	12.2	0.0

**SCHEDULE OF CLASS D PATCHING, 18"**

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201863	44201869
				TYPE II (SQ. YD.)	TYPE IV (SQ. YD.)
235+45.00	NB	6	11	7.3	0.0
235+45.00	SB	10	11	12.2	0.0
240+47.00	NB	6	11	7.3	0.0
240+47.00	SB	6	11	7.3	0.0
245+98.00	NB	8	11	9.8	0.0
245+98.00	SB	8	11	9.8	0.0
251+49.00	NB	6	11	7.3	0.0
251+49.00	SB	6	11	7.3	0.0
255+01.00	NB	6	11	7.3	0.0
255+01.00	SB	6	11	7.3	0.0
257+52.00	NB	10	11	12.2	0.0
257+52.00	SB	10	11	12.2	0.0
259+39.00	NB	6	11	7.3	0.0
259+39.00	SB	6	11	7.3	0.0
262+39.00	NB	6	11	7.3	0.0
262+39.00	SB	6	11	7.3	0.0
263+39.00	NB	6	11	7.3	0.0
263+39.00	SB	6	11	7.3	0.0
264+40.00	NB	6	11	7.3	0.0
264+40.00	SB	6	11	7.3	0.0
265+40.00	NB	6	11	7.3	0.0
265+40.00	SB	6	11	7.3	0.0
269+93.00	NB	6	11	7.3	0.0
269+93.00	SB	6	11	7.3	0.0
274+93.00	NB	6	11	7.3	0.0
274+93.00	SB	6	11	7.3	0.0
275+43.00	NB	6	11	7.3	0.0
275+43.00	SB	6	11	7.3	0.0
277+44.00	NB	6	11	7.3	0.0
277+44.00	SB	6	11	7.3	0.0
279+45.00	NB	6	11	7.3	0.0
279+45.00	SB	6	11	7.3	0.0
281+47.00	NB	6	11	7.3	0.0
281+47.00	SB	6	11	7.3	0.0
311+39.00	NB	6	11	7.3	0.0
311+39.00	SB	6	11	7.3	0.0
311+84.00	NB	6	11	7.3	0.0
311+84.00	SB	6	11	7.3	0.0
312+03.00	NB	6	11	7.3	0.0
312+03.00	SB	6	11	7.3	0.0
315+45.00	NB	6	11	7.3	0.0
315+45.00	SB	6	11	7.3	0.0
317+18.00	SB	6	11	7.3	0.0
317+49.00	SB	6	11	7.3	0.0
335+02.00	NB	6	11	7.3	0.0
335+02.00	SB	8	11	9.8	0.0
370+00.00	NB	8	11	9.8	0.0
370+00.00	SB	8	11	9.8	0.0
383+95.00	SB	10	11	12.2	0.0
384+02.00	NB	6	11	7.3	0.0

\*(48-X1)RS&(48-X2,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\bowerml\d0145216\70124	Schedu1.es.dgn	DRAWN - MLB	REVISED -					332	*	VERMILION	86	27
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE:			SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 70124	
	PLOT DATE = 1/26/2010	DATE - 08-20-2009	REVISED -		ILLINOIS FED. AID PROJECT							

**SCHEDULE OF CLASS D PATCHING, 18"**

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201863	44201869
				TYPE II (SQ. YD.)	TYPE IV (SQ. YD.)
384+02.00	TURN LANE	6	11	7.3	0.0
421+75.00	SB	12	11	14.7	0.0
422+84.00	NB	6	11	7.3	0.0
422+84.00	SB	6	11	7.3	0.0
445+94.00	NB	6	11	7.3	0.0
445+94.00	SB	6	11	7.3	0.0
481+84.00	NB	6	11	7.3	0.0
481+84.00	SB	6	11	7.3	0.0
TOTALS=				1298.9	53.3
USE=				1299.0	54.0

**SCHEDULE OF CLASS D PATCHING, 14"**

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201815	44201819
				TYPE II (SQ. YD.)	TYPE III (SQ. YD.)
347+06.00	NB	8	11	9.8	0.0
347+06.00	SB	8	11	9.8	0.0
500+78.00	NB	8	11	9.8	0.0
500+78.00	SB	8	11	9.8	0.0
503+44.00	NB	6	11	7.3	0.0
503+44.00	MEDIAN	6	11	7.3	0.0
503+44.00	SB	6	11	7.3	0.0
509+59.00	TURN LANE	6	11	7.3	0.0
510+09.00	TURN LANE	6	11	7.3	0.0
510+58.00	NB	6	11	7.3	0.0
510+58.00	MEDIAN	6	11	7.3	0.0
510+58.00	SB	6	11	7.3	0.0
530+08.00	NB	6	11	7.3	0.0
530+08.00	SB	6	11	7.3	0.0
535+71.00	NB	8	11	9.8	0.0
535+71.00	SB	8	11	9.8	0.0
539+03.00	NB	8	11	9.8	0.0
539+03.00	SB	8	11	9.8	0.0
544+08.00	NB	6	11	7.3	0.0
544+08.00	SB	6	11	7.3	0.0
544+59.00	NB	6	11	7.3	0.0
544+59.00	SB	6	11	7.3	0.0
545+08.00	NB	8	11	9.8	0.0
545+08.00	SB	8	11	9.8	0.0
545+58.00	NB	8	11	9.8	0.0
545+58.00	SB	12	11	14.7	0.0
548+09.00	NB	8	11	9.8	0.0
548+09.00	SB	8	11	9.8	0.0
551+10.00	NB	6	11	7.3	0.0
551+10.00	SB	6	11	7.3	0.0
552+27.00	NB	20	11	0.0	24.4
552+27.00	SB	20	11	0.0	24.4
557+10.00	NB	6	11	7.3	0.0
557+10.00	SB	6	11	7.3	0.0
559+86.00	NB	6	11	7.3	0.0
559+86.00	SB	10	11	12.2	0.0
560+60.00	NB	8	11	9.8	0.0
560+60.00	SB	8	11	9.8	0.0
561+15.00	NB	6	11	7.3	0.0
561+15.00	SB	6	11	7.3	0.0
561+64.00	NB	6	11	7.3	0.0
561+64.00	SB	6	11	7.3	0.0
566+12.00	SB	10	11	12.2	0.0
566+17.00	NB	6	11	7.3	0.0
571+20.00	SB	8	11	9.8	0.0
574+19.00	SB	6	11	7.3	0.0
583+73.00	NB	8	11	9.8	0.0
583+73.00	SB	8	11	9.8	0.0
588+77.00	NB	6	11	7.3	0.0
588+77.00	SB	15	11	0.0	18.3

**SCHEDULE OF CLASS D PATCHING, 14"**

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201815	44201819
				TYPE II (SQ. YD.)	TYPE III (SQ. YD.)
593+29.00	NB	6	11	7.3	0.0
593+29.00	SB	6	11	7.3	0.0
607+19.00	NB	6	11	7.3	0.0
607+19.00	SB	6	11	7.3	0.0
616+26.00	NB	6	11	7.3	0.0
616+26.00	SB	6	11	7.3	0.0
636+29.00	NB	6	11	7.3	0.0
636+29.00	SB	6	11	7.3	0.0
645+39.00	NB	6	11	7.3	0.0
645+39.00	SB	6	11	7.3	0.0
649+41.00	NB	8	11	9.8	0.0
649+41.00	SB	8	11	9.8	0.0
661+43.00	NB	6	11	7.3	0.0
661+43.00	SB	6	11	7.3	0.0
662+42.00	NB	6	11	7.3	0.0
662+42.00	SB	6	11	7.3	0.0
667+34.00	SB	8	11	9.8	0.0
670+84.00	NB	6	11	7.3	0.0
670+84.00	SB	6	11	7.3	0.0
678+27.00	NB	6	11	7.3	0.0
678+27.00	SB	6	11	7.3	0.0
687+49.00	NB	6	11	7.3	0.0
687+49.00	SB	6	11	7.3	0.0
697+87.00	NB	6	11	7.3	0.0
697+87.00	SB	6	11	7.3	0.0
702+81.00	NB	6	11	7.3	0.0
702+81.00	SB	6	11	7.3	0.0
749+79.00	NB	6	11	7.3	0.0
749+79.00	SB	12	11	14.7	0.0
751+32.00	NB	6	11	7.3	0.0
751+32.00	SB	6	11	7.3	0.0
752+28.00	NB	6	11	7.3	0.0
752+28.00	SB	6	11	7.3	0.0
752+77.00	NB	6	11	7.3	0.0
752+77.00	SB	6	11	7.3	0.0
753+37.00	NB	6	11	7.3	0.0
753+37.00	SB	6	11	7.3	0.0
757+70.00	NB	6	11	7.3	0.0
757+70.00	SB	6	11	7.3	0.0
758+69.00	NB	6	11	7.3	0.0
758+69.00	SB	6	11	7.3	0.0
759+68.00	NB	6	11	7.3	0.0
759+68.00	SB	6	11	7.3	0.0
760+17.00	NB	6	11	7.3	0.0
760+17.00	SB	6	11	7.3	0.0
760+67.00	NB	6	11	7.3	0.0
760+67.00	SB	6	11	7.3	0.0
761+17.00	NB	6	11	7.3	0.0
761+17.00	SB	6	11	7.3	0.0
764+65.00	NB	6	11	7.3	0.0

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1



**SCHEDULE OF CLASS D PATCHING, 14"**

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201815	44201819
				TYPE II (SQ. YD.)	TYPE III (SQ. YD.)
764+65.00	SB	6	11	7.3	0.0
765+13.00	NB	6	11	7.3	0.0
765+13.00	SB	6	11	7.3	0.0
767+14.00	NB	6	11	7.3	0.0
769+25.00	NB	8	11	9.8	0.0
769+25.00	SB	8	11	9.8	0.0
* 643+49.00	NB	17	11	0.0	20.8
* 643+49.00	SB	17	11	0.0	20.8
TOTALS=				836.0	108.8
USE=				836.0	109.0

\*PATCHES TO BE PLACED AFTER ABANDONED RAILROAD IS REMOVED.

\*148-X11RS&(48-X2,RX,1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\bowerml\d0145216\70124	Schedu1es.dgn	DRAWN - MLB	REVISED -					332	*	VERMILION	86	29
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE:			SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 70124	
	PLOT DATE = 1/26/2010	DATE - 08-20-2009	REVISED -		ILLINOIS FED. AID PROJECT							

**HOT-MIX ASPHALT MAINLINE CALCULATIONS**

STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	HMA SC THICKNESS (INCHES)	HMA BC THICKNESS (INCHES)	40600100 BIT MATLS PR CT (GAL)	40600300 AGG PR CT (TONS)	40600837 POLY LVL BNDR MM N70 (TONS)	40603540 POLY HMA SC MIX "D" N70 (TONS)	40600625 LVL BNDR MM N50 (TONS)	40603310 HMA SC MIX "C" N50 (TONS)
<b>IL 1 &amp; US 136</b>													
62+23.58		93+00.00	3076.4	60	20509.5	1.5	0.75	2050.9	41.0	861.4	1722.8		
93+00.00		95+56.00	256.0	69	1962.7	1.5	0.75	196.3	3.9	82.4	164.9		
95+56.00		127+00.00	3144.0	60	20960.0	1.5	0.75	2096.0	41.9	880.3	1760.6		
127+00.00		130+00.00	300.0	54	1800.0	1.5	0.75	180.0	3.6	75.6	151.2		
130+00.00		136+83.00	683.0	48	3642.7	1.5	0.75	364.3	7.3	153.0	306.0		
136+83.00		138+30.00	147.0	54	882.0	1.5	0.75	88.2	1.8	37.0	74.1		
138+30.00		141+32.00	302.0	60	2013.3	1.5	0.75	201.3	4.0	84.6	169.1		
141+32.00		147+53.00	621.0	48	3312.0	1.5	0.75	331.2	6.6	139.1	278.2		
147+53.00		148+65.00	112.0	57.5	715.6	1.5	0.75	71.6	1.4	30.1	60.1		
148+65.00		150+32.00	167.0	59.5	1104.1	1.5	0.75	110.4	2.2	46.4	92.7		
150+32.00		151+46.04	114.0	48	608.2	1.5	0.75	60.8	1.2	25.5	51.1		
STA. EQ.		151+46.04	1516.8	48	8089.5	1.5	0.75	808.9	16.2			339.8	679.5
174+83.87 BK=		174+83.87	821.0	36	3284.2	1.5	0.75	328.4	6.6			137.9	275.9
175+02.84 AH		187+42.50	1239.7	26	3581.2	1.5	0.75	358.1	7.2			150.4	300.8
		187+42.50	880.3	24	2347.5	1.5	0.75	234.8	4.7			98.6	197.2
SN 092-0205		201+04.68	2477.3	24	6606.2	1.5	0.75	660.6	13.2			277.5	554.9
		225+82.00	15147.0	22	37026.0	1.5	0.75	3702.6	74.1			1555.1	3110.2
		377+29.00	1719.0	22.6	4316.6	1.5	0.75	431.7	8.6			181.3	362.6
		394+48.00	10252.0	22	25060.4	1.5	0.75	2506.0	50.1			1052.5	2105.1
		497+00.00	1823.0	29	5874.1	1.5	0.75	587.4	11.7			246.7	493.4
		515+23.00	479.5	22	1172.1	1.5	0.75	117.2	2.3			49.2	98.5
SN 092-0189		520+67.50	10032.9	22	24524.9	1.5	0.75	2452.5	49.0			1030.0	2060.1
SN 092-0034		624+81.00	1432.4	22	586.0	1.5	0.75	143.2	2.9			60.2	120.3
		630+67.00	13858.0	22	33875.1	1.5	0.75	3387.5	67.8			1422.8	2845.5
SUB-TOTAL=								21470.0	429.4	2415.4	4830.8	6602.0	13204.0
TOTAL =								21848.3	437.0	2415.4	4830.8	6760.9	13521.8
USE =								21849.0	437.0	2416.0	4831.0	6761.0	13522.0

NOTE: AN ADDITIONAL 7 TONS OF POLYMER LEVELING BINDER MM N70 WILL BE REQUIRED FOR THE SUPERELEVATION CORRECTION AT THE ABANDONED RAILROAD REMOVAL.

**HOT-MIX ASPHALT SHOULDER CALCULATIONS**

STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	HMA SHOULDER THICKNESS (INCHES)	40600100 BIT MATLS PR CT (GAL)	40600300 AGG PR CT (TONS)	48203100 HMA SHOULDERS (TONS)
<b>IL 1 &amp; US 136</b>									
STA. EQ.		174+83.87	4600.7	16	8179.0	1.5	409.0	8.2	687.0
174+83.87 BK=		174+83.87	4600.7	16	8179.0	1.5	409.0	8.2	687.0
175+02.84 AH		187+42.50	1239.7	10	1377.4	1.5	68.9	1.4	115.7
		187+42.50	880.3	16	1565.0	1.5	78.3	1.6	131.5
SN 092-0205		201+04.68	2477.3	16	4404.1	1.5	220.2	4.4	369.9
		225+82.00	29420.5	6	19613.7	1.5	980.7	19.6	1647.5
SN 092-0189		520+67.50	10032.9	6	6688.6	1.5	334.4	6.7	561.8
SN 092-0034		624+81.00	14444.0	6	9629.3	1.5	481.5	9.6	808.9
SUB-TOTAL=							2572.9	51.5	4322.4
TOTAL =							2612.0	52.2	4388.1
USE =							2612.0	53.0	4389.0
<b>IL 119 &amp; US 136</b>									
614+26.00		626+00.00	1174.0	6	782.7	1.5	39.1	0.8	65.7
TOTAL =							2612.0	52.2	4388.1
USE =							2612.0	53.0	4389.0

INCIDENTAL SCHEDULE									
LOCATION	AREA (As-Builts & CADD)	40800050 - Incidental HMA Surface					40600982 HMA Surf. Rem., Bt. Jt.	40800010 Bit Mtls. (Prime Coat)	40800030 Agg. (Prime Coat)
		Private Entrance	Field Entrance	Commercial Entrance	Mailbox Turnouts	Side Roads			
		SQ YD	TON	TON	TON	TON			
LT STA 70+74.14 Thornhill Dr	282.5					23.7	282.5	28.3	0.57
RT STA 70+74.14 Poland Rd	574.5					48.3	574.5	57.5	1.15
RT STA 79+30.65 Redbud Ln	158.0					13.3	158.0	15.8	0.32
RT STA 96+23.55 K's Merch.	645.0			54.2			645.0	64.5	1.29
LT STA 111+05.93 Lake Blvd	224.0					18.8	224.0	22.4	0.45
RT STA 112+58.76 Sonny Ln	303.4					25.5	303.4	30.3	0.61
LT STA 117+01.32 Dixie Acres Rd	220.9					18.6	220.9	22.1	0.44
RT STA 123+14.11 Sunset Rd	189.9					16.0	189.9	19.0	0.38
LT STA 137+05.49 Devonshire Dr	211.1					17.7	211.1	21.1	0.42
LT STA 151+46 W.Newell Rd	532.5					44.7	532.5	53.3	1.07
RT STA 166+13 Heritage Rd	232.6					19.5	232.6	23.3	0.47
LT STA 166+43.5 P.E.	25.0	2.1					25.0	2.5	0.05
RT STA 171+54.5 P.E.	73.3	6.2					73.3	7.3	0.15
RT STA 181+32 P.E.	55.0	4.6					55.0	5.5	0.11
LT STA 184+42 P.E.	37.8	3.2					37.8	3.8	0.08
RT STA 185+81 P.E.	35.0	2.9					35.0	3.5	0.07
RT STA 190+31 P.E.	107.6	9.0					107.6	10.8	0.22
RT STA 194+43 P.E.	5.8	0.5					5.8	0.6	0.01
RT STA 195+47 P.E.	35.8	3.0					35.8	3.6	0.07
RT STA 218+81 Potters Woods Rd	347.7					29.2	347.7	34.8	0.70
LT STA 218+94 Potters Woods Rd	265.4					22.3	265.4	26.5	0.53
LT STA 226+55 P.E.	26.1	2.2					26.1	2.6	0.05
LT STA 230+40 P.E.	31.1	2.6					31.1	3.1	0.06
RT STA 231+94 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 234+54 P.E.	36.7	3.1					36.7	3.7	0.07
RT STA 234+78 MBTO	10.4					0.9	10.4	1.0	0.02
LT STA 237+51 P.E.	46.1	3.9					46.1	4.6	0.09
LT STA 238+09 P.E.	23.9	2.0					23.9	2.4	0.05
RT STA 239+96 F.E.	12.7		1.1				12.7	1.3	0.03
LT STA 240+67 P.E.	41.7	3.5					41.7	4.2	0.08
RT STA 241+51 MBTO	15.2					1.3	15.2	1.5	0.03
RT STA 242+33 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 242+39 P.E.	35.6	3.0					35.6	3.6	0.07
RT STA 246+94 P.E.	44.4	3.7					44.4	4.4	0.09
RT STA 247+22 MBTO	10.4					0.9	10.4	1.0	0.02
RT STA 250+66 P.E.	44.4	3.7					44.4	4.4	0.09
RT STA 250+94 MBTO	10.4					0.9	10.4	1.0	0.02
RT STA 252+90 MBTO	11.7					1.0	11.7	1.2	0.02
RT STA 253+17 P.E.	42.2	3.5					42.2	4.2	0.08
RT STA 254+83 P.E.	34.4	2.9					34.4	3.4	0.07
RT STA 255+25 P.E.	35.6	3.0					35.6	3.6	0.07
<b>PAGE TOTAL</b>		<b>71.3</b>	<b>2.1</b>	<b>54.2</b>	<b>4.9</b>	<b>297.6</b>	<b>5119.6</b>	<b>512.0</b>	<b>10.2</b>

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\bowerml\d0145216\70124	Schedule.dgn	DRAWN - MLB	REVISED -					332	*	VERMILION	86	31
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/26/2010	DATE - 08-20-2009	REVISED -						CONTRACT NO. 70124			

INCIDENTAL SCHEDULE									
LOCATION	AREA (As-Builts & CADD)	40800050 - Incidental HMA Surface					40600982 HMA	40800010 Bit.	40800030 Agg.
		Private	Field	Commercial	Mailbox	Side Roads	Surf. Rem., Bt. Jt.	Mtls. (Prime Coat)	(Prime Coat)
		Entrance	Entrance	Entrance	Turnouts		SQ YD	GAL	TON
	SQ YD	TON	TON	TON	TON	TON			
RT STA 257+22 MBTO	11.7				1.0		11.7	1.2	0.02
RT STA 257+44 P.E.	33.3	2.8					33.3	3.3	0.07
LT STA 258+05 P.E.	36.7	3.1					36.7	3.7	0.07
LT STA 258+36 P.E.	44.4	3.7					44.4	4.4	0.09
RT STA 259+97 MBTO	11.7				1.0		11.7	1.2	0.02
RT STA 260+25 P.E.	44.4	3.7					44.4	4.4	0.09
LT STA 260+60 P.E.	25.0	2.1					25.0	2.5	0.05
RT STA 261+18 MBTO	11.7				1.0		11.7	1.2	0.02
RT STA 261+40 P.E.	31.1	2.6					31.1	3.1	0.06
RT STA 262+40 MBTO	11.7				1.0		11.7	1.2	0.02
RT STA 262+62 P.E.	32.2	2.7					32.2	3.2	0.06
RT STA 265+90 P.E.	31.1	2.6					31.1	3.1	0.06
RT STA 266+12 MBTO	10.4				0.9		10.4	1.0	0.02
RT STA 267+10 P.E.	36.7	3.1					36.7	3.7	0.07
RT STA 267+61 TR 2550	171.0					14.4	171.0	17.1	0.34
LT STA 267+72 TR 2550	176.0					14.8	176.0	17.6	0.35
RT STA 274+20 P.E.	26.0	2.2					26.0	2.6	0.05
RT STA 278+01 F.E.	12.5		1.1				12.5	1.3	0.03
LT STA 278+16 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 280+74 P.E.	40.0	3.4					40.0	4.0	0.08
RT STA 280+88 MBTO	15.2				1.3		15.2	1.5	0.03
RT STA 281+49 P.E.	36.7	3.1					36.7	3.7	0.07
RT STA 282+44 MBTO	11.7				1.0		11.7	1.2	0.02
RT STA 282+66 P.E.	31.1	2.6					31.1	3.1	0.06
RT STA 283+78 MBTO	11.7				1.0		11.7	1.2	0.02
RT STA 284+00 P.E.	31.1	2.6					31.1	3.1	0.06
RT STA 290+89 P.E.	44.4	3.7					44.4	4.4	0.09
RT STA 293+14 MBTO	11.7				1.0		11.7	1.2	0.02
RT STA 293+36 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 294+09 P.E.	32.2	2.7					32.2	3.2	0.06
LT STA 303+95 P.E.	34.4	2.9					34.4	3.4	0.07
RT STA 304+01 MBTO	15.2				1.3		15.2	1.5	0.03
LT STA 313+18 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 314+22 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 320+96 TR 2650	127.0					10.7	127.0	12.7	0.25
LT STA 321+03 TR 2650	127.0					10.7	127.0	12.7	0.25
RT STA 324+59 MBTO	31.1				2.6		31.1	3.1	0.06
RT STA 324+81 P.E.	31.1	2.6					31.1	3.1	0.06
RT STA 342+43 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 344+66 MBTO	11.7				1.0		11.7	1.2	0.02
RT STA 344+88 P.E.	31.1	2.6					31.1	3.1	0.06
<b>PAGE TOTAL</b>		<b>60.1</b>	<b>4.3</b>	<b>0.0</b>	<b>13.9</b>	<b>50.5</b>	<b>1532.3</b>	<b>153.2</b>	<b>3.1</b>

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerm1	DESIGNED - MLB	REVISED -
ct:\pw\work\p\dot\bowerm1\d0145216\70124	Schedule.dgn	DRAWN - MLB	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2010	DATE - 08-20-2009	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	32
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

INCIDENTAL SCHEDULE									
LOCATION	AREA (As-Builts & CADD)	40800050 - Incidental HMA Surface					40600982 HMA	40800010 Bit.	40800030 Agg.
		Private Entrance	Field Entrance	Commercial Entrance	Mailbox Turnouts	Side Roads	Surf. Rem., Bt. Jt.	Mtls. (Prime Coat)	(Prime Coat)
	SQ YD	TON	TON	TON	TON	SQ YD	GAL	TON	
RT STA 348+20 P.E.	41.7	3.5				41.7	4.2	0.08	
RT STA 355+38 MBTO	15.2				1.3	15.2	1.5	0.03	
LT STA 355+44 P.E.	31.1	2.6				31.1	3.1	0.06	
RT STA 361+64 MBTO	15.2				1.3	15.2	1.5	0.03	
LT STA 361+73 P.E.	31.1	2.6				31.1	3.1	0.06	
LT STA 364+29 P.E.	31.1	2.6				31.1	3.1	0.06	
RT STA 364+33 MBTO	15.2				1.3	15.2	1.5	0.03	
LT STA 365+50 P.E.	33.3	2.8				33.3	3.3	0.07	
RT STA 365+50 MBTO	15.2				1.3	15.2	1.5	0.03	
LT STA 367+97 P.E.	31.1	2.6				31.1	3.1	0.06	
RT STA 368+00 MBTO	15.2				1.3	15.2	1.5	0.03	
RT STA 368+95 P.E.	31.1	2.6				31.1	3.1	0.06	
RT STA 371+85 MBTO	15.2				1.3	15.2	1.5	0.03	
LT STA 372+13 P.E.	40.0	3.4				40.0	4.0	0.08	
RT STA 374+33 MBTO	11.7				1.0	11.7	1.2	0.02	
RT STA 374+55 P.E.	31.1	2.6				31.1	3.1	0.06	
RT STA 385+48 CH 15	657.5					55.2	657.5	65.8	1.32
LT STA 385+48 CH 15	750.8					63.1	750.8	75.1	1.50
RT STA 392+12 F.E.	7.5		0.6			7.5	0.8	0.02	
LT STA 392+40 F.E.	7.5		0.6			7.5	0.8	0.02	
LT STA 401+00 P.E.	31.1	2.6				31.1	3.1	0.06	
RT STA 410+94 TR 2820	127.0					10.7	127.0	12.7	0.25
LT STA 411+33 F.E.	14.0		1.2			14.0	1.4	0.03	
RT STA 414+37 MBTO	15.2				1.3	15.2	1.5	0.03	
LT STA 414+50 P.E.	34.4	2.9				34.4	3.4	0.07	
RT STA 416+76 F.E.	12.7		1.1			12.7	1.3	0.03	
LT STA 417+05 F.E.	13.0		1.1			13.0	1.3	0.03	
RT STA 439+53 MBTO	15.2				1.3	15.2	1.5	0.03	
LT STA 439+78 P.E.	31.1	2.6				31.1	3.1	0.06	
RT STA 439+79 F.E.	12.7		1.1			12.7	1.3	0.03	
RT STA 455+88 F.E.	12.7		1.1			12.7	1.3	0.03	
LT STA 456+09 TR 2900	177.0					14.9	177.0	17.7	0.35
LT STA 469+11 MBTO	10.4				0.9	10.4	1.0	0.02	
LT STA 469+33 P.E.	31.1	2.6				31.1	3.1	0.06	
RT STA 475+64 TR 2940	127.0					10.7	127.0	12.7	0.25
RT STA 476+53 F.E.	12.7		1.1			12.7	1.3	0.03	
LT STA 482+07 F.E.	12.7		1.1			12.7	1.3	0.03	
RT STA 485+50 P.E.	31.1	2.6				31.1	3.1	0.06	
RT STA 488+02 MBTO	11.7				1.0	11.7	1.2	0.02	
RT STA 488+24 P.E.	32.2	2.7				32.2	3.2	0.06	
LT STA 488+90 P.E.	31.1	2.6				31.1	3.1	0.06	
<b>PAGE TOTAL</b>		<b>44.0</b>	<b>8.9</b>	<b>0.0</b>	<b>13.1</b>	<b>154.5</b>	<b>2623.9</b>	<b>262.4</b>	<b>5.2</b>

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\pw\dot\bowerm\00145216\70124	Schedule.dgn	DRAWN - MLB	REVISED -					332	*	VERMILION	86	33
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 70124			
	PLOT DATE = 1/26/2010	DATE - 08-20-2009	REVISED -		ILLINOIS FED. AID PROJECT							

INCIDENTAL SCHEDULE									
LOCATION	AREA (As-Builts & CADD)	40800050 - Incidental HMA Surface					40600982 HMA	40800010 Bit.	40800030 Agg.
		Private	Field	Entrance	Commercial	Mailbox	Surf. Rem., Bt. Jt.	Mtls. (Prime Coat)	(Prime Coat)
		Entrance	Entrance	Entrance	Entrance	Turnouts			
	SQ YD	TON	TON	TON	TON	TON	SQ YD	GAL	TON
RT STA 489+63 F.E.	12.7		1.1				12.7	1.3	0.03
LT STA 493+01 F.E.	47.2					4.0	47.2	4.7	0.09
LT STA 500+66 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 506+81 C.E.	55.6			4.7			55.6	5.6	0.11
LT STA 510+28 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 510+50 MBTO	11.7				1.0		11.7	1.2	0.02
LT STA 514+04 P.E.	50.0	4.2					50.0	5.0	0.10
RT STA 514+66 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 515+17 MBTO	11.7				1.0		11.7	1.2	0.02
LT STA 515+39 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 515+82 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 530+54 P.E.	35.5	3.0					35.5	3.6	0.07
RT STA 530+90 MBTO	10.4				0.9		10.4	1.0	0.02
RT STA 531+14 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 534+34 P.E.	30.6	2.6					30.6	3.1	0.06
RT STA 535+34 P.E.	32.2	2.7					32.2	3.2	0.06
LT STA 535+40 P.E.	14.0	1.2					14.0	1.4	0.03
RT STA 537+45 P.E.	31.1	2.6					31.1	3.1	0.06
RT STA 548+61 F.E.	12.7		1.1				12.7	1.3	0.03
LT STA 549+41 F.E.	14.0		1.2				14.0	1.4	0.03
RT STA 553+42 F.E.	15.3		1.3				15.3	1.5	0.03
LT STA 553+48 TR 3080	126.8					10.7	126.8	12.7	0.25
LT STA 570+59 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 576+22 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 585+03 F.E.	12.7		1.1				12.7	1.3	0.03
LT STA 588+41 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 588+63 MBTO	11.7				1.0		11.7	1.2	0.02
LT STA 595+10 F.E.	14.0		1.2				14.0	1.4	0.03
RT STA 598+61 F.E.	10.8		0.9				10.8	1.1	0.02
RT STA 607+09 F.E.	12.7		1.1				12.7	1.3	0.03
LT STA 615+40 TR 3200	179.0					15.0	179.0	17.9	0.36
RT STA 617+84 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 625+45 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 630+67 TR 3220	336.1					28.2	336.1	33.6	0.67
RT STA 631+31 F.E.	12.7		1.1				12.7	1.3	0.03
LT STA 632+00 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 632+22 MBTO	11.7				1.0		11.7	1.2	0.02
LT STA 635+77 P.E.	32.2	2.7					32.2	3.2	0.06
LT STA 637+13 P.E.	32.2	2.7					32.2	3.2	0.06
RT STA 642+05 F.E.	12.7		1.1				12.7	1.3	0.03
LT STA 644+16 P.E.	44.4	3.7					44.4	4.4	0.09
LT STA 644+44 MBTO	11.7				1.0		11.7	1.2	0.02
LT STA 649+57 MBTO	15.2				1.3		15.2	1.5	0.03
<b>PAGE TOTAL</b>		<b>38.4</b>	<b>18.4</b>	<b>4.7</b>	<b>7.1</b>	<b>57.9</b>	<b>1505.7</b>	<b>150.6</b>	<b>3.0</b>

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerm1	DESIGNED - MLB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\pw\dot\bowerm1\d0145216\70124	Schedule.dgn	DRAWN - MLB	REVISED -					332	*	VERMILION	86	34
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/26/2010	DATE - 08-20-2009	REVISED -						CONTRACT NO. 70124			

INCIDENTAL SCHEDULE									
LOCATION	AREA (As-Builts & CADD)	40800050 - Incidental HMA Surface					40600982 HMA Surf. Rem., Bt. Jt.	40800010 Bit. Mtls. (Prime Coat)	40800030 Agg. (Prime Coat)
		Private Entrance	Field Entrance	Commercial Entrance	Mailbox Turnouts	Side Roads			
		SQ YD	TON	TON	TON	TON			
RT STA 649+60 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 655+04 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 660+00 P.E.	32.2	2.7					32.2	3.2	0.06
LT STA 660+30 MBTO	15.2				1.3		15.2	1.5	0.03
LT STA 666+09 P.E.	36.7	3.1					36.7	3.7	0.07
LT STA 666+33 MBTO	11.7				1.0		11.7	1.2	0.02
LT STA 667+62 MBTO	10.5				0.9		10.5	1.1	0.02
LT STA 667+90 P.E.	34.4	2.9					34.4	3.4	0.07
LT STA 675+18 F.E.	13.3		1.1				13.3	1.3	0.03
RT STA 681+28 TR 3330	126.8					10.7	126.8	12.7	0.25
LT STA 681+29 MBTO	15.2				1.3		15.2	1.5	0.03
RT STA 694+42 F.E.	12.7		1.1				12.7	1.3	0.03
RT STA 711+84 F.E.	13.3		1.1				13.3	1.3	0.03
LT STA 713+04 TR 3390	126.8					10.7	126.8	12.7	0.25
RT STA 717+98 F.E.	13.3		1.1				13.3	1.3	0.03
LT STA 720+37 MBTO	10.5				0.9		10.5	1.1	0.02
LT STA 720+55 P.E.	12.7	1.1					12.7	1.3	0.03
RT STA 721+76 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 743+51 P.E.	40.0	3.4					40.0	4.0	0.08
LT STA 743+77 MBTO	11.7				1.0		11.7	1.2	0.02
RT STA 747+60 TR 3450	126.8					10.7	126.8	12.7	0.25
RT STA 754+15 F.E.	12.7		1.1				12.7	1.3	0.03
LT STA 760+76 F.E.	15.3		1.3				15.3	1.5	0.03
RT STA 761+06 C.E.	33.3			2.8			33.3	3.3	0.07
RT STA 762+00 MBTO	11.7				1.0		11.7	1.2	0.02
RT STA 762+23 C.E.	34.4			2.9			34.4	3.4	0.07
RT STA 763+10 C.E.	44.4			3.7			44.4	4.4	0.09
RT STA 765+17 C.E.	43.3			3.6			43.3	4.3	0.09
RT STA 767+00 C.E.	40.0			3.4			40.0	4.0	0.08
RT STA 768+16 P.E.	31.1	2.6					31.1	3.1	0.06
LT STA 768+27 MBTO	15.2				1.3		15.2	1.5	0.03
<b>PAGE TOTAL</b>		<b>20.9</b>	<b>7.8</b>	<b>16.4</b>	<b>8.5</b>	<b>32.0</b>	<b>1020.1</b>	<b>102.0</b>	<b>2.0</b>
<b>GRAND TOTAL</b>		<b>234.7</b>	<b>41.5</b>	<b>75.3</b>	<b>47.4</b>	<b>592.4</b>	<b>11801.6</b>	<b>1180.2</b>	<b>23.6</b>
<b>USE</b>				<b>992.0</b>			<b>11802.0</b>	<b>1181.0</b>	<b>24.0</b>

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\bowerml\d0145216\70124	Schedule.dgn	DRAWN - MLB	REVISED -					332	*	VERMILION	86	35
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 70124			
	PLOT DATE = 1/26/2010	DATE - 08-20-2009	REVISED -		ILLINOIS FED. AID PROJECT							

40600990 TEMPORARY RAMP

STATION	LENGTH	WIDTH	SQ YD
LT STA 70+74.14 Thornhill Dr	7.5	30.0	25.0
RT STA 70+74.14 Poland Rd	7.5	30.0	25.0
RT STA 79+30.65 Redbud Ln	7.5	30.0	25.0
LT STA 111+05.93 Lake Blvd	7.5	30.0	25.0
RT STA 112+58.76 Sonny Ln	7.5	30.0	25.0
LT STA 117+01.32 Dixie Acres Rd	7.5	30.0	25.0
RT STA 123+14.11 Sunset Rd	7.5	30.0	25.0
LT STA 137+05.49 Devonshire Dr	7.5	30.0	25.0
LT STA 151+46 W.Newell Rd	7.5	30.0	25.0
RT STA 166+13 Heritage Rd	7.5	30.0	25.0
RT STA 218+81 Potters Woods Rd	5.0	30.0	16.7
LT STA 218+94 Potters Woods Rd	5.0	30.0	16.7
RT STA 267+61 TR 2550	5.0	30.0	16.7
LT STA 267+72 TR 2550	5.0	30.0	16.7
RT STA 320+96 TR 2650	5.0	30.0	16.7
LT STA 321+03 TR 2650	5.0	30.0	16.7
RT STA 385+48 CH 15	5.0	30.0	16.7
LT STA 385+48 CH 15	5.0	30.0	16.7
RT STA 410+94 TR 2820	5.0	30.0	16.7
LT STA 456+09 TR 2900	5.0	30.0	16.7
RT STA 475+64 TR 2940	5.0	30.0	16.7
LT STA 493+01 F.E.	5.0	30.0	16.7
LT STA 553+48 TR 3080	5.0	30.0	16.7
LT STA 615+40 TR 3200	5.0	30.0	16.7
RT STA 630+67 TR 3220	5.0	30.0	16.7
RT STA 681+28 TR 3330	5.0	30.0	16.7
LT STA 713+04 TR 3390	5.0	30.0	16.7
RT STA 747+60 TR 3450	5.0	30.0	16.7
TOTAL=			550.0
USE=			550.0

44000158 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
<b>IL 1 &amp; US 136</b>					
62+23.58		93+00.00	3076.4	60	20509.5
93+00.00		95+56.00	256.0	69	1962.7
95+56.00		127+00.00	3144.0	60	20960.0
127+00.00		130+00.00	300.0	54	1800.0
130+00.00		136+83.00	683.0	48	3642.7
136+83.00		138+30.00	147.0	54	882.0
138+30.00		141+32.00	302.0	60	2013.3
141+32.00		147+53.00	621.0	48	3312.0
147+53.00		148+65.00	112.0	57.5	715.6
148+65.00		150+32.00	167.0	59.5	1104.1
150+32.00		151+46.04	114.0	48	608.2
<b>STA. EQ.</b>					
174+83.87 BK=		166+62.82	1516.8	48	8089.5
175+02.84 AH		174+83.87	821.0	36	3284.2
		175+02.84	1239.7	26	3581.2
		187+42.50	880.3	24	2347.5
<b>SN 092-0205</b>					
201+04.68		225+82.00	2477.3	24	6606.2
225+82.00		377+29.00	15147.0	22	37026.0
377+29.00		394+48.00	1719.0	22.6	4316.6
394+48.00		497+00.00	10252.0	22	25060.4
497+00.00		515+23.00	1823.0	29	5874.1
515+23.00		520+02.50	479.5	22	1172.1
<b>SN 092-0189</b>					
520+67.50		621+00.40	10032.9	22	24524.9
<b>SN 092-0034</b>					
624+81.00		630+67.00	586.0	22	1432.4
630+67.00		769+25.00	13858.0	22	33875.1
<b>IL 119 &amp; US 136</b>					
614+26.00		626+00.00	1174.0	29	3782.9
TOTAL=					218483.2
USE=					218484.0

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

<b>MAINLINE SHOULDERS</b>							
STA. EQ.	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	QUANTITY (SQ YD)
<b>IL 119 &amp; US 136 SHOULDERS</b>							
	614+26.00		626+00.00	1174.0	6	782.7	782.7
TOTAL=							52239.8
USE=							52240.0

STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	AVG THICKNESS (INCHES)	AGG WEDGE TY B (TONS)
<b>IL 1 &amp; US 136</b>							
<b>STA. EQ.</b>							
174+83.87 BK=	128+83.17	174+83.87	4600.7	6	3067.1	0.5	76.7
175+02.84 AH	175+02.84	187+42.50	1239.7	4	551.0	0.5	13.8
	187+42.50	196+22.82	880.3	16	1565.0	0.5	420.8
	196+22.82	377+29.00	15147.0	10	16830.0	0.5	420.8
<b>SN 092-0205</b>							
201+04.68	225+82.00	2477.3	16	4404.1	4404.1	0.5	28.7
	225+82.00	520+02.50	29420.5	6	19613.7	0.5	348.7
<b>SN 092-0189</b>							
520+67.50	621+00.40	10032.9	6	6688.6	6688.6	0.5	278.7
<b>SN 092-0034</b>							
624+81.00	769+25.00	14444.0	6	9629.3	9629.3	0.5	401.2
SUB-TOTAL=							1568.5
<b>IL 119 &amp; US 136</b>							
	614+26.00	626+00.00	1174.0	10	1304.4	0.5	32.6
TOTAL =							1601.1
USE =							1602.0



**56109210 WATER VALVES TO BE ADJUSTED**

STATION	EACH
70+16.00 RT	1.0
70+86.00 LT	1.0
79+24.00 RT	1.0
79+26.00 RT	1.0
79+57.00 RT	1.0
86+41.00 RT	1.0
93+11.00 RT	1.0
96+30.00 RT	1.0
96+40.00 LT	1.0
111+20.00 LT	1.0
111+29.00 LT	1.0
116+91.00 LT	1.0
122+93.00 LT	1.0
123+02.00 LT	1.0
123+15.00 LT	1.0
154+26.00 LT	1.0
<b>TOTAL=</b>	<b>16.0</b>
<b>USE=</b>	<b>16.0</b>

**60255500 MANHOLES TO BE ADJUSTED**

STATION	EACH
66+80.00 LT	1.0
70+50.00 LT	1.0
70+51.00 RT	1.0
70+54.00 LT	1.0
70+58.00 LT	1.0
74+30.00 LT	1.0
76+71.00 LT	1.0
79+34.00 RT	1.0
79+58.00 LT	1.0
81+72.00 LT	1.0
84+07.00 LT	1.0
89+26.00 LT	1.0
96+05.00 LT	1.0
96+08.00 LT	1.0
96+53.00 LT	1.0
96+73.00 LT	1.0
99+58.00 RT	1.0
99+99.00 RT	1.0
101+05.00 RT	1.0
103+15.00 RT	1.0
104+20.00 LT	1.0
105+34.00 RT	1.0
106+84.00 RT	1.0
107+85.00 RT	1.0
109+70.00 LT	1.0
111+59.00 RT	1.0
111+66.00 RT	1.0
111+74.00 RT	1.0
113+24.00 LT	1.0
116+69.00 LT	1.0
119+14.00 LT	1.0
123+24.00 LT	1.0
126+20.00 RT	1.0
134+09.00 RT	1.0
141+49.00 LT	1.0
148+97.00 CL	1.0
156+39.00 RT	1.0
163+84.00 RT	1.0
174+23.00 CL	1.0
174+30.00 CL	1.0
174+37.00 CL	1.0
<b>TOTAL=</b>	<b>41.0</b>
<b>USE=</b>	<b>41.0</b>

**66700110 PERMANENT SURVEY MARKERS TO BE ADJUSTED**

STATION	EACH
9+33.00 WEST NEWELL RD	1.0
<b>TOTAL=</b>	<b>1.0</b>
<b>USE=</b>	<b>1.0</b>

78000200 THERMOPLASTIC PAVEMENT MARKING LINE-4" (YELLOW)

	STATION	TO	STATION	FOOT		70300100 SHORT TERM PVT MARKINGS FOOT	70300220 TEMP PVT MK LINE 4" FOOT	70301000 WORK ZONE PVT MK REM SQ FT			
LT	62+23.58		68+90.00	666.4		199.9	666.4	22.2			
RT	62+23.58		68+90.00	666.4		199.9	666.4	22.2			
LT	68+90.00		70+20.00	280.0	(DOUBLE LINES)	78.0	260.0	8.7			
RT	71+20.00		72+50.00	280.0	(DOUBLE LINES)	78.0	260.0	8.7			
LT	72+50.00		78+90.00	640.0		192.0	640.0	21.3			
RT	72+50.00		78+90.00	640.0		192.0	640.0	21.3			
LT	79+94.00		93+54.00	1360.0		408.0	1360.0	45.3			
RT	79+94.00		93+54.00	1360.0		408.0	1360.0	45.3			
LT	93+54.00		95+67.00	426.0	(DOUBLE LINES)	127.8	426.0	14.2			
RT	96+79.00		98+27.00	296.0	(DOUBLE LINES)	88.8	296.0	9.9			
LT	98+27.00		110+52.00	1225.0		367.5	1225.0	40.8			
RT	98+27.00		110+52.00	1225.0		367.5	1225.0	40.8			
LT	111+56.00		112+06.00	50.0		15.0	50.0	1.7			
RT	111+56.00		112+06.00	50.0		15.0	50.0	1.7			
LT	113+15.00		116+45.00	330.0		99.0	330.0	11.0			
RT	113+15.00		116+45.00	330.0		99.0	330.0	11.0			
LT	117+52.00		122+62.00	510.0		153.0	510.0	17.0			
RT	117+52.00		122+62.00	510.0		153.0	510.0	17.0			
LT	123+70.00		124+70.00	200.0	(DOUBLE LINES)	60.0	200.0	6.7			
	124+70.00		129+80.00	2040.0	(4 LINES)	612.0	2040.0	68.0			
CENTERLINE	129+80.00		147+85.00	3610.0	(DOUBLE LINES)	1083.0	3610.0	120.3			
LT	147+85.00		151+15.00	660.0	(DOUBLE LINES)	198.0	660.0	22.0			
CENTERLINE	152+15.00		153+45.00	260.0	(DOUBLE LINES)	78.0	260.0	8.7			
	153+45.00		165+22.00	4708.0	(4 LINES)	1412.4	4708.0	156.9			
LT	165+22.00		166+00.00	156.0	(DOUBLE LINES)	46.8	156.0	5.2			
CENTERLINE	166+55.00		167+37.00	164.0	(DOUBLE LINES)	49.2	164.0	5.5			
	167+37.00		174+09.00	2688.0	(4 LINES)	806.4	2688.0	89.6			
CENTERLINE	174+09.00		174+83.87 (BK)	149.7	(DOUBLE LINES)	44.9	149.7	5.0			
	175+02.84 (AH)		180+30.00	527.2	NO PASSING	158.1	527.2	17.6			
	363+85.00		376+71.30	1286.3	(DOUBLE LINES)	385.9	1286.3	42.9			
	376+71.30		377+95.00	247.4	(DOUBLE LINES)	74.2	247.4	8.2			
	377+95.00		381+35.00	1360.0	(4 LINES)	408.0	1360.0	45.3			
	381+35.00		382+51.31	232.6	(DOUBLE LINES)	69.8	232.6	7.8			
LT	382+51.31		385+31.31	280.0		84.0	280.0	9.3			
RT	386+19.41		389+00.00	561.2		168.4	561.2	18.7			
	389+00.00		394+79.41	2317.6	(4 LINES)	695.3	2317.6	77.3			
	394+79.41		398+10.00	661.2	(DOUBLE LINES)	198.4	661.2	22.0			
	496+84.00		502+49.00	565.0	NO PASSING	169.5	565.0	18.8			
	502+49.00		507+09.00	1840.0	(4 LINES)	552.0	1840.0	61.3			
	507+09.00		508+09.00	200.0	(2 LINES)	60.0	200.0	6.7			
	508+93.00		509+93.00	200.0	(2 LINES)	60.0	200.0	6.7			
	509+93.00		514+53.00	1840.0	(4 LINES)	552.0	1840.0	61.3			
	514+53.00		520+22.00	569.0	NO PASSING	170.7	569.0	19.0			
US 136	614+26.00		618+66.00	1760.0	(4 LINES)	528.0	1760.0	58.7			
US 136 LT	618+66.00		619+66.00	200.0	(2 LINES)	60.0	200.0	6.7			
IL 11	620+50.00		621+50.00	200.0	(2 LINES)	60.0	200.0	6.7			
IL 11	621+50.00		626+00.00	1800.0	(4 LINES)	540.0	1800.0	60.0			
POLAND DR				88.0		17.6	88.0	2.0			
NEWELL RD				172.0		34.4	172.0	3.8			
SKIP-DASHES											
	62+23.58		68+90.00	333.2	(2 LINES)	-	333.2	-			
	72+50.00		78+90.00	320.0	(2 LINES)	-	320.0	-			
	79+94.00		93+54.00	680.0	(2 LINES)	-	680.0	-			
	98+27.00		110+52.00	612.5	(2 LINES)	-	612.5	-			
	111+56.00		112+06.00	25.0	(2 LINES)	-	25.0	-			
	113+15.00		116+45.00	165.0	(2 LINES)	-	165.0	-			
	117+52.00		122+62.00	127.5	(2 LINES)	-	127.5	-			
TOTAL =				44611.3		TOTAL =	12678.4	TOTAL =	44611.3	TOTAL =	1408.7
USE =				44612.0		USE =	12679.0	USE =	44612.0	USE =	1409.0

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -
ct:\pw\work\PWIDOT\BOWERML\0145216\70124 Schedules.dgn		DRAWN - MLB	REVISED -
		CHECKED -	REVISED -
		DATE - 08-20-2009	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

*(48-X)RS&(48-X2,RX,RX-1)RS-1				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	38
			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				

**78000200 THERMOPLASTIC PAVEMENT MARKING LINE-4" (WHITE)**

**70300100 SHORT TERM PVT MARKINGS**

**70300220 TEMP PVT MK LINE 4"**

**70301000 WORK ZONE PVT MK REM**

**78000400 THERMOPLASTIC PAVEMENT MARKING LINE-6" (WHITE)**

STATION	TO	STATION	FOOT	FOOT	FOOT	FOOT	SQ FT
RT 69+22.00		70+20.00	98.0	29.4	98.0	98.0	3.3
LT 71+20.00		72+18.00	98.0	29.4	98.0	98.0	3.3
RT 94+04.00		95+67.00	163.0	48.9	163.0	163.0	5.4
RT 94+34.00		95+67.00	133.0	39.9	133.0	133.0	4.4
LT 96+79.00		97+85.00	106.0	31.8	106.0	106.0	3.5
LT 123+70.00		125+00.00	130.0	39.0	130.0	130.0	4.3
RT 133+28.00		150+87.00	1759.0	527.7	1759.0	1759.0	58.6
LT 137+63.00		150+91.00	1328.0	398.4	1328.0	1328.0	44.3
LT 150+15.00		151+15.00	100.0	30.0	100.0	100.0	3.3
RT 152+32.00		165+55.00	1323.0	396.9	1323.0	1323.0	44.1
LT 152+15.00		153+15.00	100.0	30.0	100.0	100.0	3.3
LT 152+57.00		174+83.87 (BK)	2226.9	668.1	2226.9	2226.9	74.2
LT 165+40.00		166+00.00	60.0	18.0	60.0	60.0	2.0
LT 166+55.00		167+15.00	60.0	18.0	60.0	60.0	2.0
RT 166+70.00		174+83.87 (BK)	813.9	244.2	813.9	813.9	27.1
LT 376+71.30		384+76.00	804.7	-	804.7	804.7	-
RT 376+71.30		384+76.00	804.7	-	804.7	804.7	-
RT 382+51.31		385+31.31	280.0	84.0	280.0	280.0	9.3
LT 386+19.41		389+00.00	280.6	84.2	280.6	280.6	9.4
LT 386+78.00		394+79.41	801.4	-	801.4	801.4	-
RT 386+78.00		394+79.41	801.4	-	801.4	801.4	-
RT 502+49.00		507+50.00	501.0	150.3	501.0	501.0	16.7
LT 502+49.00		507+50.00	501.0	150.3	501.0	501.0	16.7
RT 507+09.00		508+09.00	100.0	30.0	100.0	100.0	3.3
LT 508+93.00		509+93.00	100.0	30.0	100.0	100.0	3.3
RT 510+93.00		514+53.00	360.0	108.0	360.0	360.0	12.0
LT 510+93.00		514+53.00	360.0	108.0	360.0	360.0	12.0
RT 614+26.00		619+00.00	474.0 (US 136)	142.2	474.0	474.0	15.8
LT 614+26.00		619+00.00	474.0 (US 136)	142.2	474.0	474.0	15.8
RT 618+66.00		619+66.00	100.0 (US 136)	30.0	100.0	100.0	3.3
LT 620+50.00		621+50.00	100.0 (IL 119)	30.0	100.0	100.0	3.3
RT 621+25.00		626+00.00	475.0 (IL 119)	-	475.0	475.0	-
LT 621+25.00		626+00.00	475.0 (IL 119)	-	475.0	475.0	-
K's MERCHANDISE RD			39.0	7.8	39.0	39.0	0.9
<b>SKIP-DASH</b>							
LT 62+23.58		70+20.00	199.1	238.9	199.1	199.1	26.5
RT 62+23.58		70+20.00	199.1	238.9	199.1	199.1	26.5
LT 71+20.00		78+90.00	192.5	231.0	192.5	192.5	25.7
RT 71+20.00		78+90.00	192.5	231.0	192.5	192.5	25.7
LT 79+94.00		95+67.00	393.3	471.9	393.3	393.3	52.4
RT 79+94.00		95+67.00	393.3	471.9	393.3	393.3	52.4
LT 96+82.00		110+52.00	342.5	411.0	342.5	342.5	45.7
RT 96+82.00		110+52.00	342.5	411.0	342.5	342.5	45.7
LT 111+56.00		112+06.00	12.5	15.0	12.5	12.5	1.7
RT 111+56.00		112+06.00	12.5	15.0	12.5	12.5	1.7
LT 113+15.00		116+45.00	82.5	99.0	82.5	82.5	11.0
RT 113+15.00		116+45.00	82.5	99.0	82.5	82.5	11.0
LT 117+62.00		122+62.00	125.0	150.0	125.0	125.0	16.7
RT 117+62.00		122+62.00	125.0	150.0	125.0	125.0	16.7
LT 123+70.00		147+80.00	602.5	723.0	602.5	602.5	80.3
RT 123+70.00		151+15.00	688.3	823.5	688.3	688.3	91.5
RT 152+15.00		166+65.00	362.5	435.0	362.5	362.5	48.3
<b>TOTAL =</b>			<b>20676.5</b>	<b>8861.8</b>	<b>20676.5</b>	<b>20676.5</b>	<b>984.6</b>
<b>USE =</b>			<b>20677.0</b>	<b>8862.0</b>	<b>20677.0</b>	<b>20677.0</b>	<b>985.0</b>

LOCATION	FOOT	
POLAND RD.	159.0	(CROSSWALK)
REDBUD LANE	66.0	(CROSSWALK)
BOILING SPRINGS RD / K'S ENTRANCE	503.0	(CROSSWALK)
SONNY LANE	105.0	(CROSSWALK)
BISMARK RD	135.0	(ISLAND)
BISMARK RD	135.0	(ISLAND)
<b>TOTAL =</b>		<b>1103.0</b>
<b>USE =</b>		<b>1103.0</b>

**78000600 THERMOPLASTIC PAVEMENT MARKING LINE-12" (WHITE)**

LOCATION	FOOT	
BISMARK RD	120.0	(ISLAND)
BISMARK RD	120.0	(ISLAND)
<b>TOTAL =</b>		<b>240.0</b>
<b>USE</b>		<b>240.0</b>

**78000600 THERMOPLASTIC PAVEMENT MARKING LINE-12" (YELLOW)**

ALL YELLOW 12" LINES ARE DIAGONALS

STATION	TO	STATION	FOOT	
124+90.00		129+80.00	132.0	
153+45.00		155+45.00	36.0	
155+45.00		164+44.00	360.0	
164+44.00		165+22.00	18.0	
167+37.00		168+11.00	18.0	
168+11.00		174+09.00	600.0	
377+00.00		382+00.00	48.0	
389+00.00		394+00.00	48.0	
502+49.00		507+09.00	96.0	
507+09.00		508+09.00	6.0	
508+93.00		509+93.00	6.0	
509+93.00		514+53.00	96.0	
614+26.00		618+66.00	90.0	(US 136)
618+66.00		619+66.00	6.0	(US 136)
620+50.00		621+50.00	6.0	(IL 119)
621+50.00		626+00.00	90.0	(IL 119)
<b>TOTAL =</b>				<b>1656.0</b>
<b>USE =</b>				<b>1656.0</b>

FILE NAME =	USER NAME = bowerml	DESIGNED -	MLB	REVISED -	
ct:\pw\work\PWID01\BOWERML\0145216\70124 Schedules.dgn		DRAWN -	MLB	REVISED -	
	PLOT SCALE = 40.0000' / IN.	CHECKED -		REVISED -	
	PLOT DATE = 1/27/2010	DATE -	08-20-2009	REVISED -	

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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*(48-X)IRS&(48-X2,RX,RX-1)RS-1				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	39
			CONTRACT NO.	70124
ILLINOIS FED. AID PROJECT				

780001000 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

78000650 THERMOPLASTIC PAVEMENT MARKING LINE-24" (WHITE)

78000650 THERMOPLASTIC PAVEMENT MARKING LINE-24" (WHITE)			STATION	EACH	SQ.FT	TYPE
STATION		FOOT				
			62+70.00	2	31.2	LEFT/RIGHT ARROW
			65+20.00	2	31.2	LEFT/RIGHT ARROW
			67+70.00	2	31.2	LEFT/RIGHT ARROW
			69+22.00	1	15.6	LEFT/RIGHT ARROW
			70+02.00	1	15.6	LEFT/RIGHT ARROW
			71+38.00	1	15.6	LEFT/RIGHT ARROW
			72+18.00	1	15.6	LEFT/RIGHT ARROW
			73+35.00	2	31.2	LEFT/RIGHT ARROW
			75+85.00	2	31.2	LEFT/RIGHT ARROW
			78+35.00	2	31.2	LEFT/RIGHT ARROW
			80+54.00	2	31.2	LEFT/RIGHT ARROW
			83+04.00	2	31.2	LEFT/RIGHT ARROW
			85+54.00	2	31.2	LEFT/RIGHT ARROW
			88+04.00	2	31.2	LEFT/RIGHT ARROW
			90+54.00	2	31.2	LEFT/RIGHT ARROW
			93+04.00	2	31.2	LEFT/RIGHT ARROW
			94+04.00	1	15.6	LEFT/RIGHT ARROW
			94+72.00	2	31.2	LEFT/RIGHT ARROW
			95+49.00	2	31.2	LEFT/RIGHT ARROW
			97+03.00	1	15.6	LEFT/RIGHT ARROW
			97+85.00	1	15.6	LEFT/RIGHT ARROW
			98+67.00	2	31.2	LEFT/RIGHT ARROW
			100+72.00	2	31.2	LEFT/RIGHT ARROW
			103+22.00	2	31.2	LEFT/RIGHT ARROW
			105+72.00	2	31.2	LEFT/RIGHT ARROW
			108+22.00	2	31.2	LEFT/RIGHT ARROW
			110+27.00	2	31.2	LEFT/RIGHT ARROW
			111+82.00	2	31.2	LEFT/RIGHT ARROW
			113+55.00	2	31.2	LEFT/RIGHT ARROW
			116+05.00	2	31.2	LEFT/RIGHT ARROW
			117+87.00	2	31.2	LEFT/RIGHT ARROW
			120+12.00	2	31.2	LEFT/RIGHT ARROW
			122+27.00	2	31.2	LEFT/RIGHT ARROW
			123+85.00	1	15.6	LEFT/RIGHT ARROW
			124+70.00	1	15.6	LEFT/RIGHT ARROW
			150+15.00	1	15.6	LEFT/RIGHT ARROW
			151+95.00	1	15.6	LEFT/RIGHT ARROW
			152+35.00	1	15.6	LEFT/RIGHT ARROW
			153+15.00	1	15.6	LEFT/RIGHT ARROW
			165+40.00	1	15.6	LEFT/RIGHT ARROW
			165+80.00	1	15.6	LEFT/RIGHT ARROW
			166+75.00	1	15.6	LEFT/RIGHT ARROW
			167+15.00	1	15.6	LEFT/RIGHT ARROW
			383+46.65	1	15.6	LEFT/RIGHT ARROW
			384+33.35	1	15.6	LEFT/RIGHT ARROW
			385+13.35	1	15.6	LEFT/RIGHT ARROW
			386+37.45	1	15.6	LEFT/RIGHT ARROW
			387+17.45	1	15.6	LEFT/RIGHT ARROW
			387+97.45	1	15.6	LEFT/RIGHT ARROW
				1		
			507+09.00	1	15.6	LEFT/RIGHT ARROW
			507+89.00	1	15.6	LEFT/RIGHT ARROW
			509+13.00	1	15.6	LEFT/RIGHT ARROW
			509+93.00	1	15.6	LEFT/RIGHT ARROW
			618+66.00	1	15.6	(US 136) LEFT/RIGHT ARROW
			619+46.00	1	15.6	(US 136) LEFT/RIGHT ARROW
			620+70.00	1	15.6	(IL 119) LEFT/RIGHT ARROW
			621+50.00	1	15.6	(IL 119) LEFT/RIGHT ARROW
			10+82.00	1	15.6	(K'S ENTRANCE RD) LEFT/RIGHT ARROW
			10+87.00	1	26.0	(K'S ENTRANCE RD) LEFT & THROUGH ARROW
		TOTAL=			1336.4	
		USE=			1337.0	

TOTAL= 519.0

USE= 519.0

TOTAL= 1336.4

USE= 1337.0

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerm1	DESIGNED - MLB	REVISED -
ct:\pw\work\PWID01\BOWERML\0145216\70124	Schedules.dgn	DRAWN - MLB	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2010	DATE - 08-20-2009	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
332	*	VERMILION	86
			40
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.

TOTAL SHEETS	SHEET NO.
86	40
CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT	

**78001110 PAINT PAVEMENT MARKING - LINE 4" (YELLOW)**

	STATION	TO	STATION	TYPE	FOOT	70300100 SHORT TERM PVT MARKINGS FOOT	70300220 TEMP PVT MK LINE 4" FOOT	70301000 WORK ZONE PVT MK REM SQ FT
SN 092-0205	175+02.84	(AH)	196+22.82	SKIP-DASH	530.00	636.0	530.0	70.7
	201+04.68		376+71.30	SKIP-DASH	4391.66	5270.0	4391.7	585.6
	395+79.41		502+49.00	SKIP-DASH	2667.40	3200.9	2667.4	355.7
	514+53.00		520+02.50	SKIP-DASH	137.38	164.9	137.4	18.3
SN 092-0189	520+67.50		621+00.40	SKIP-DASH	2508.23	3009.9	2508.2	334.4
SN 092-0034	624+81.00		769+25.00	SKIP-DASH	3611.00	4333.2	3611.0	481.5
	333+00.00		341+69.00	NO PASSING	869.00	260.7	869.0	29.0
	347+40.00		354+20.00	NO PASSING	680.00	204.0	680.0	22.7
	363+85.00		376+71.30	NO PASSING	1286.30	385.9	1286.3	42.9
TOTAL =					16680.9	TOTAL = 17465.4	TOTAL = 16680.9	TOTAL = 1940.6
USE =					16681.0	USE = 17466.0	USE = 16681.0	USE = 1941.0

**78001110 PAINT PAVEMENT MARKING - LINE 4" (WHITE)**

	STATION	TO	STATION	TYPE	FOOT	70300100 SHORT TERM PVT MARKINGS FOOT	70300220 TEMP PVT MK LINE 4" FOOT	70301000 WORK ZONE PVT MK REM SQ FT
SN 092-0205	175+02.84	(AH)	196+22.82	EDGE	4239.96	636.0	4239.96	70.7
	201+04.68		376+71.30	EDGE	35133.24	4526.8	35133.24	503.0
	394+79.41		502+49.00	EDGE	21539.18	-	21539.18	-
	514+53.00		520+02.50	EDGE	1099.00	-	1099.00	-
SN 092-0189	520+67.50		621+00.40	EDGE	20065.80	-	20065.80	-
SN 092-0034	624+81.00		769+25.00	EDGE	28888.00	-	28888.00	-
TOTAL =					110965.2	TOTAL = 5162.8	TOTAL = 110965.2	TOTAL = 573.6
USE =					110966.0	USE = 5163.0	USE = 110966.0	USE = 574.0

NOTE: AT STA. 225+82.00 THE HMA SHOULDERS NARROW TO 3 FOOT, THEREFORE SHORT TERM PAVEMENT MARKINGS ARE NO LONGER REQUIRED AT THE EDGE LINES.

**78100100 - RAISED REFLECTIVE PAVEMENT MARKERS**

STATION	TO	STATION	FOOT	ONE-WAY CRYSTAL EACH	TWO-WAY AMBER EACH
62+23.58		68+90.00	666.4	17	33
68+90.00		70+20.00	130.0	7	7
71+20.00		72+50.00	130.0	7	7
72+50.00		78+90.00	640.0	16	32
79+94.00		93+54.00	1360.0	34	68
93+54.00		95+67.00	213.0	13	11
96+79.00		98+27.00	148.0	7	7
98+27.00		110+52.00	1225.0	31	61
111+56.00		112+06.00	50.0	1	3
113+15.00		116+45.00	330.0	8	17
117+52.00		122+62.00	510.0	13	26
123+70.00		125+00.00	130.0	7	7
125+00.00		129+80.00	480.0	0	24
129+80.00		147+80.00	1800.0	45	45
147+80.00		150+15.00	235.0	6	6
152+15.00		153+15.00	100.0	4	5
153+15.00		155+45.00	230.0	3	17
155+45.00		164+44.00	899.0	11	45
164+44.00		165+40.00	96.0	1	10
165+40.00		166+00.00	60.0	2	3
166+55.00		167+15.00	60.0	2	3
167+15.00		174+83.87 (BK)	768.9	0	47
175+02.84 (AH)		196+22.82	2120.0	0	26
SN 092-020	201+04.68	376+71.30	17566.6	0	220
	376+71.30	382+51.31	580.0	0	34
	382+51.31	385+31.31	280.0	7	14
	385+31.31	389+00.00	368.7	9	18
	389+00.00	394+79.41	579.4	0	34
	395+79.41	502+49.00	10669.6	0	133
	502+49.00	507+09.00	460.0	0	27
	507+09.00	508+09.00	100.0	3	5
	508+93.00	509+93.00	100.0	3	5
	509+93.00	514+53.00	460.0	0	27
	514+53.00	520+02.50	549.5	0	7
SN 092-018	520+87.50	621+00.40	10032.9	0	125
SN 092-003	624+81.00	769+25.00	14444.0	0	181
<b>US 136 / IL 119</b>					
	614+26.00	618+66.00	440.0	0	26
	618+66.00	619+66.00	100.0	3	5
	620+50.00	621+50.00	100.0	3	5
	621+50.00	626+00.00	450.0	0	26
<b>TOTAL=</b>				<b>259</b>	<b>1399</b>
<b>USE=</b>				<b>1658</b>	

**81400115 HANDHOLE TO BE ADJUSTED**

STATION		EACH
95+87	LT	1.0
96+57	LT	1.0
<b>TOTAL=</b>		<b>2.0</b>
<b>USE=</b>		<b>2.0</b>

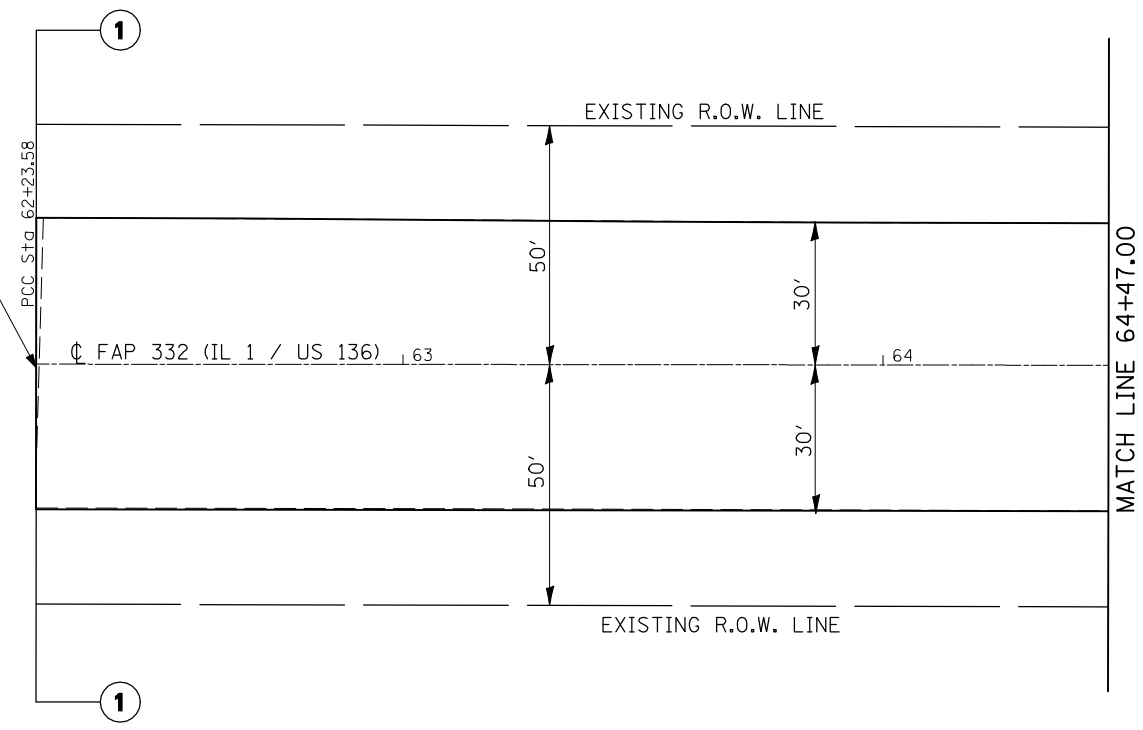
**Z0055300 RUMBLE STRIP**

STATION		EACH
499+45	RT	1.0
505+34	RT	1.0
507+34	RT	1.0
511+69	LT	1.0
513+69	LT	1.0
519+70	LT	1.0
615+59	RT	1.0
623+26	LT	1.0
625+26	LT	1.0
<b>TOTAL=</b>		<b>9.0</b>
<b>USE=</b>		<b>9.0</b>

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1



SECTION (48-X1)RS&(48-X2,RX,RX-1)RS-1  
 BEGINS STA. 62+23.58



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

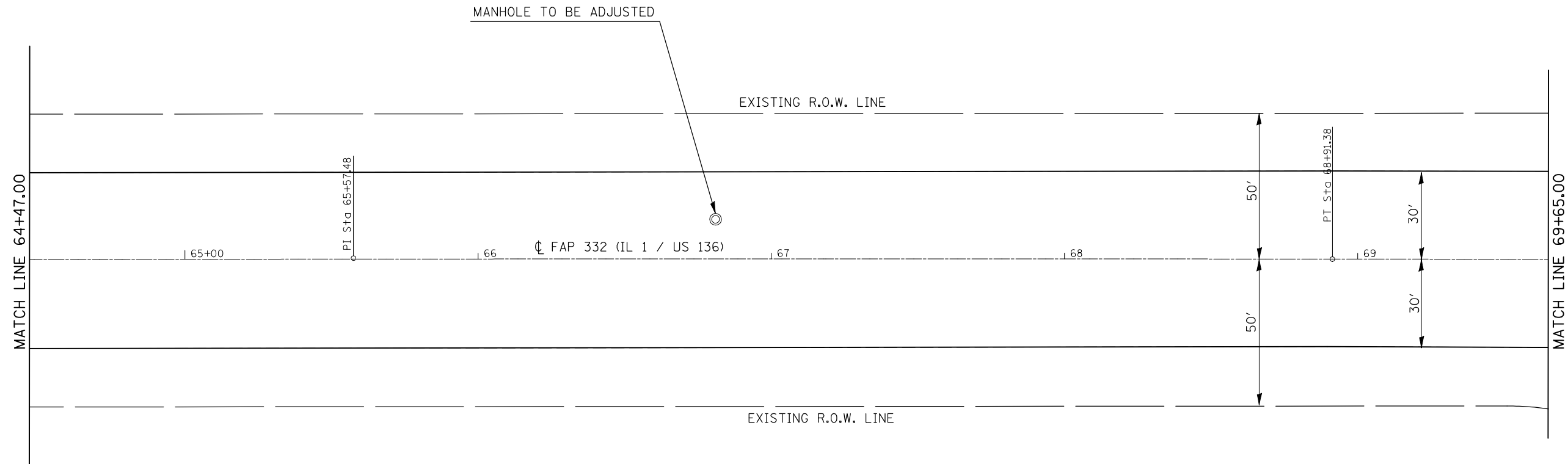
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	•	VERMILION	86	43
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70124	



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

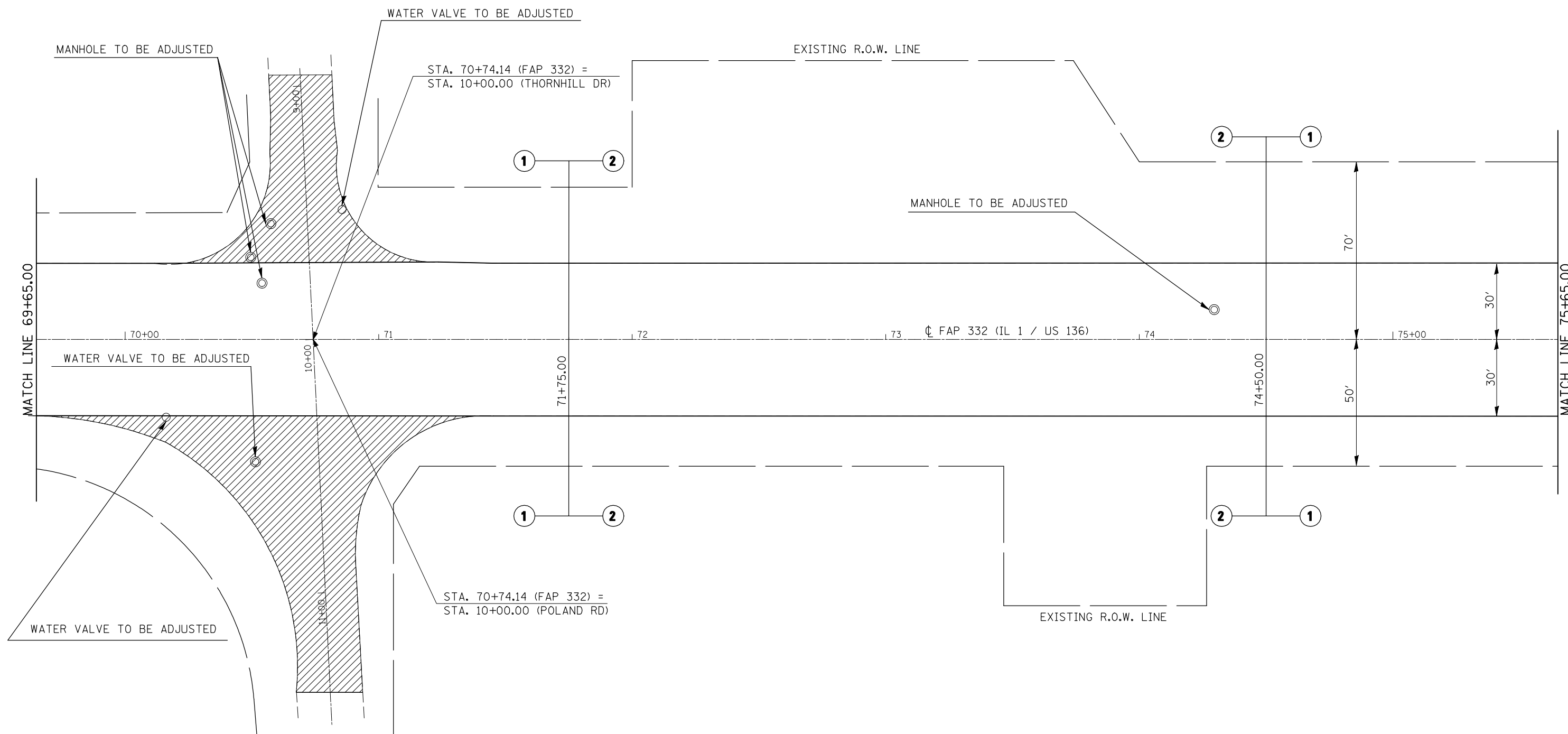
**IL ROUTE 1 / US 136**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	44
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	



 INCIDENTAL HMA SURFACING



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED -	REVISED -
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

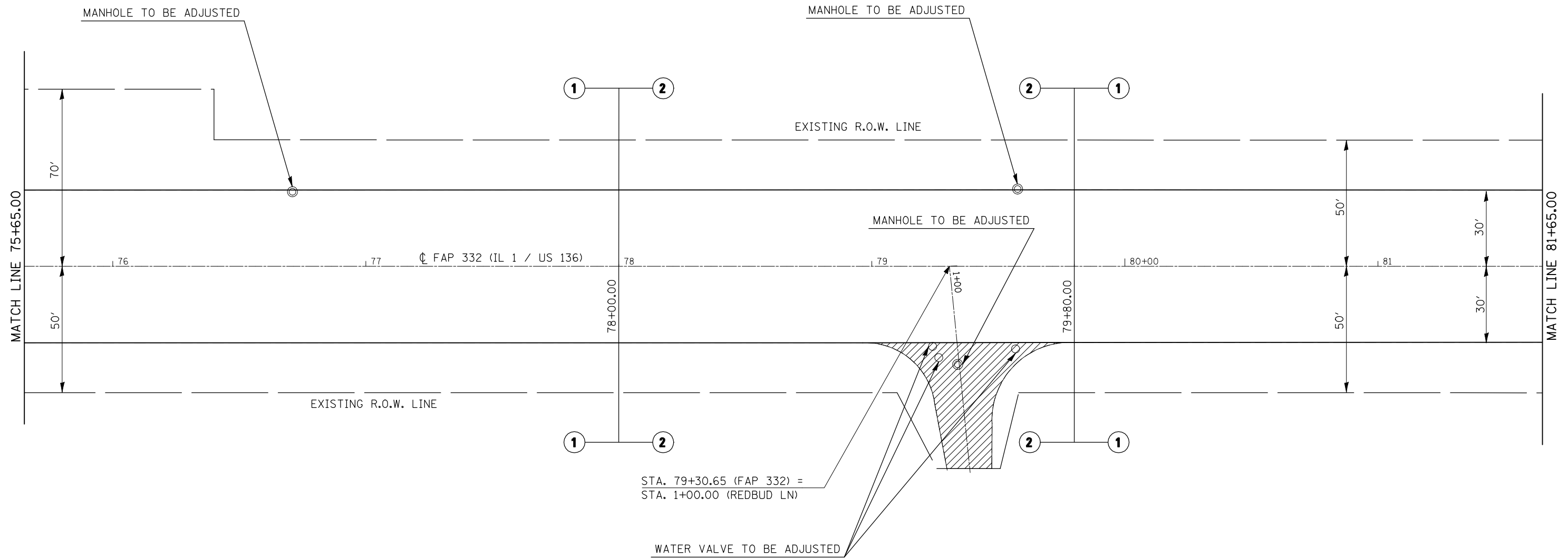
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	45
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	

 INCIDENTAL HMA SURFACING



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

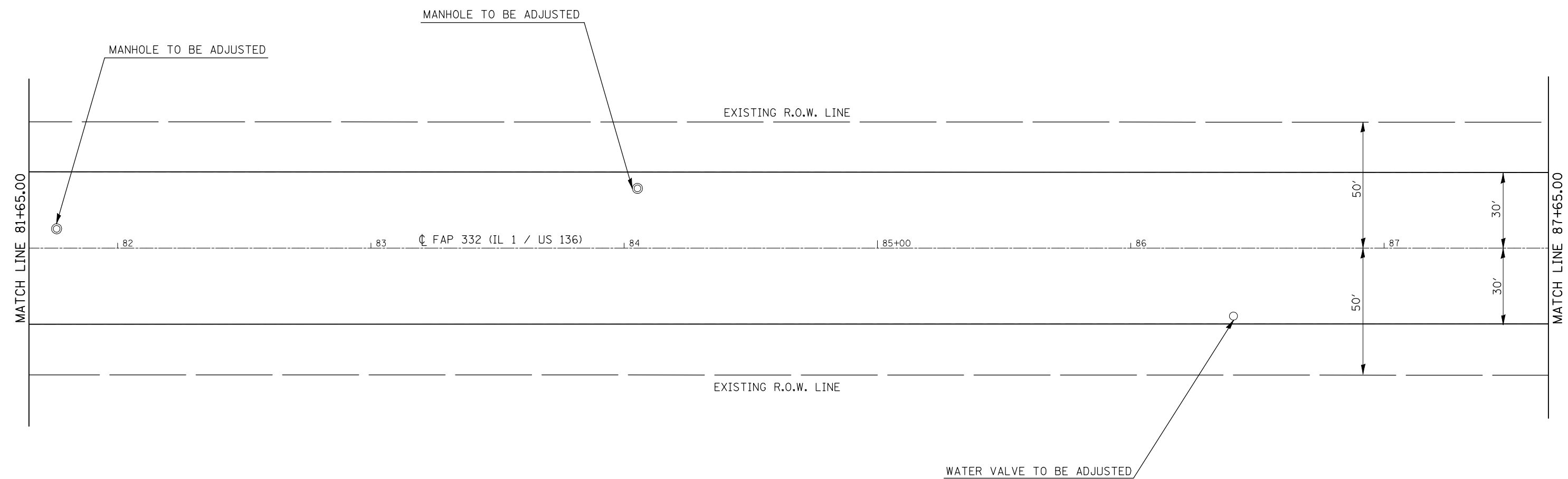
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

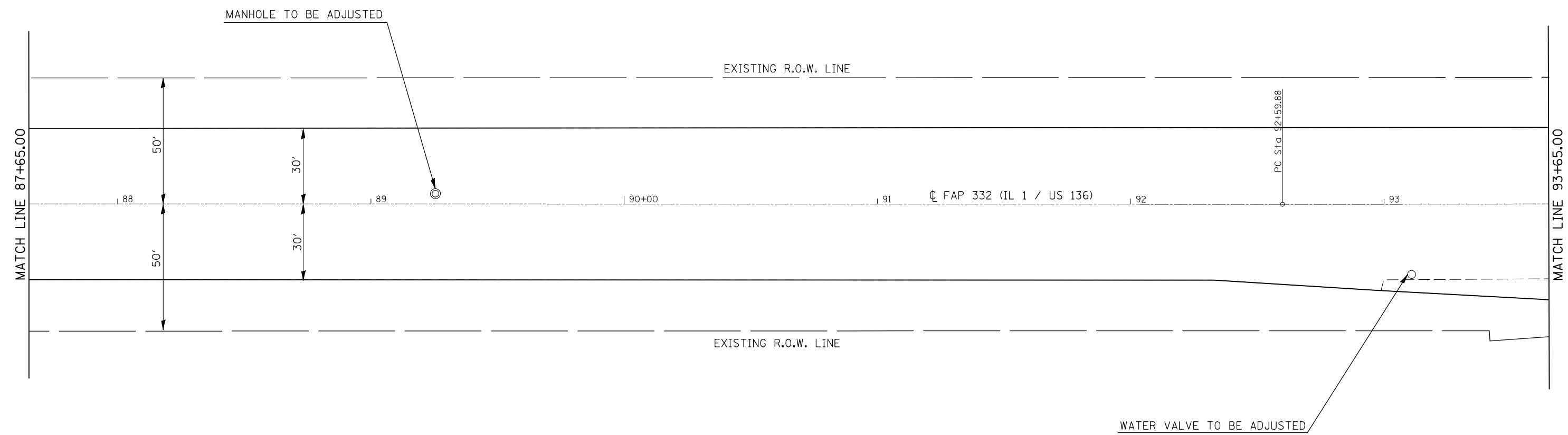
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	46
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

FILE NAME = c:\pw\work\p\dot\bowerm\0145216\0570124-shr-20p1en.dgn	USER NAME = bowerm1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 1 / US 136</b>			F.A.P. RTE. 332	SECTION •	COUNTY VERMILION	TOTAL SHEETS 86	SHEET NO. 47
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -					CONTRACT NO. 70124				
PLOT DATE = 1/27/2010	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

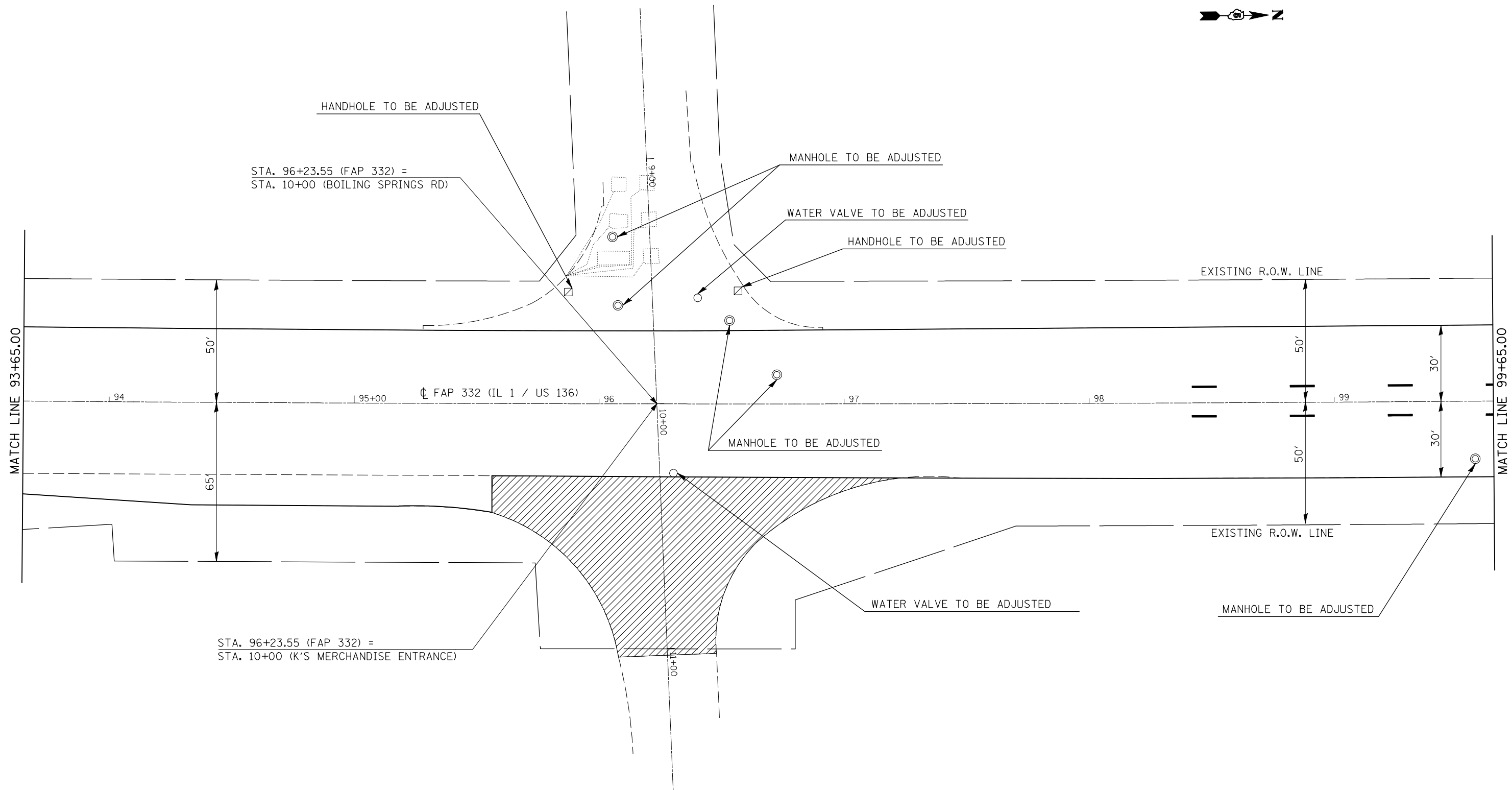
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL ROUTE 1 / US 136</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	48
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	

 INCIDENTAL HMA SURFACING



HANDHOLE TO BE ADJUSTED

STA. 96+23.55 (FAP 332) =  
STA. 10+00 (BOILING SPRINGS RD)

MANHOLE TO BE ADJUSTED

WATER VALVE TO BE ADJUSTED

HANDHOLE TO BE ADJUSTED

EXISTING R.O.W. LINE

MATCH LINE 93+65.00

MATCH LINE 99+65.00

50'  
65'

50'  
30'  
30'  
50'

94 95+00 FAP 332 (IL 1 / US 136) 96 97 98 99

MANHOLE TO BE ADJUSTED

WATER VALVE TO BE ADJUSTED

MANHOLE TO BE ADJUSTED

STA. 96+23.55 (FAP 332) =  
STA. 10+00 (K'S MERCHANDISE ENTRANCE)

• (48-X)RS&(48-X2,RX,RX-1)RS-1

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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

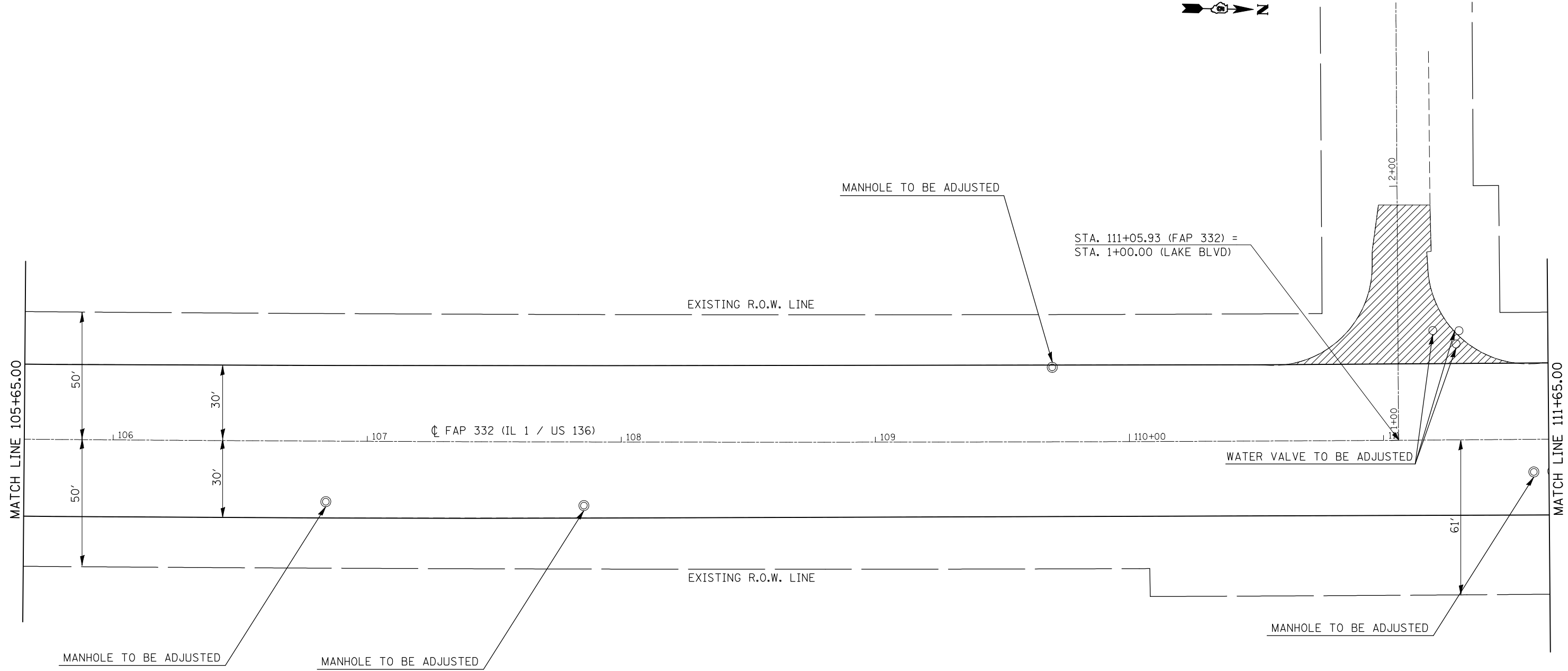
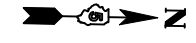
**IL ROUTE 1 / US 136**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	49
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	



 INCIDENTAL HMA SURFACING



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

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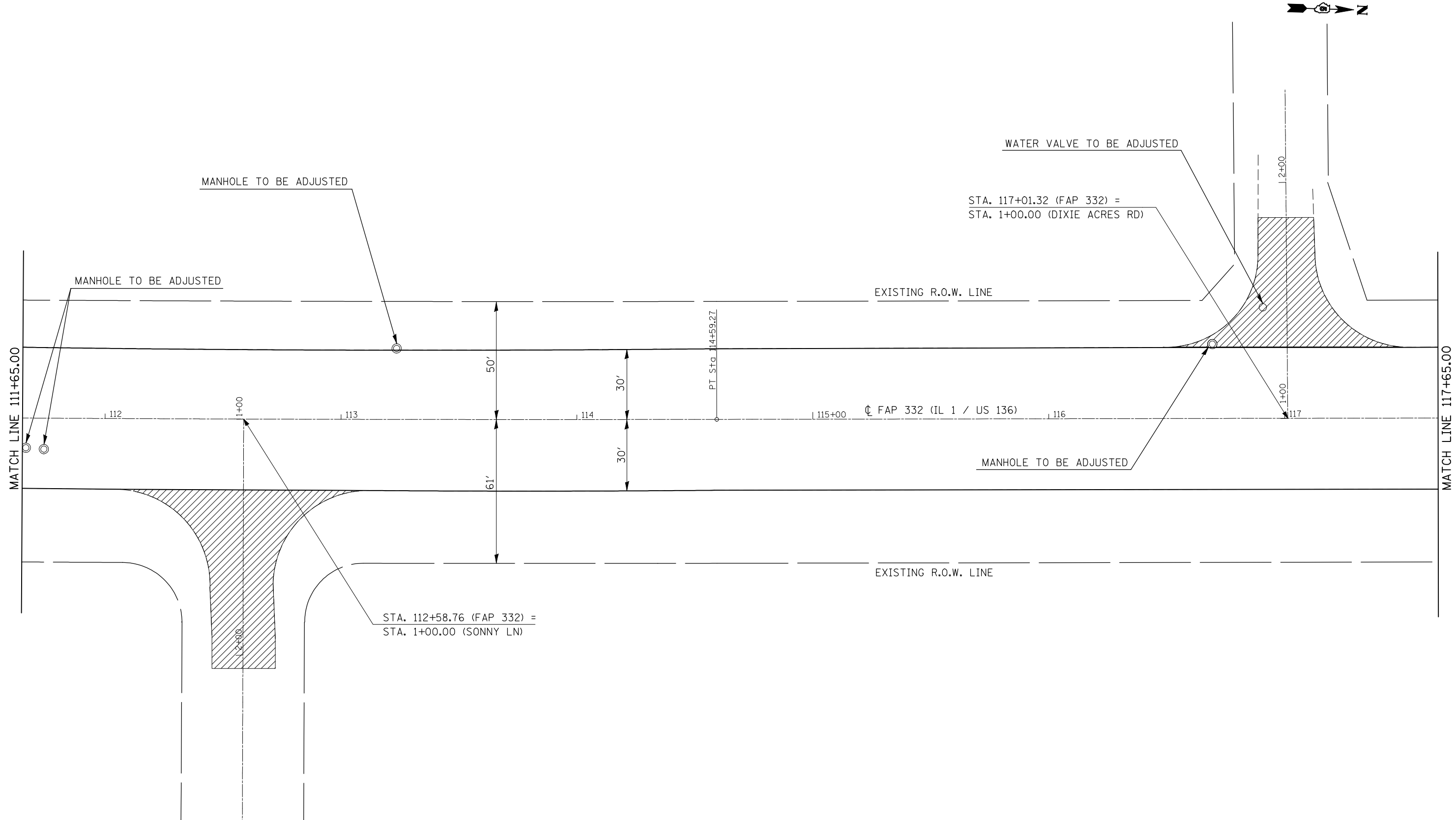
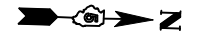
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	51
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70124	

 INCIDENTAL HMA SURFACING



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

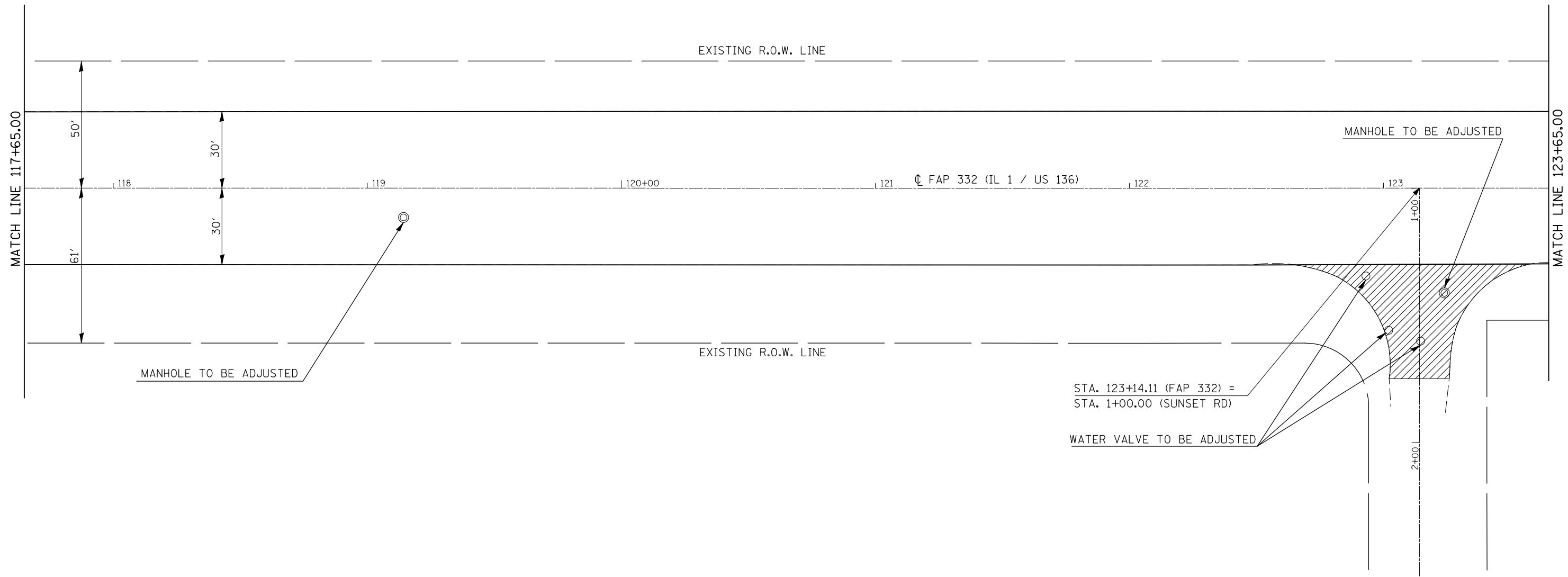
**IL ROUTE 1 / US 136**

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	•	VERMILION	86	52
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	



 INCIDENTAL HMA SURFACING



• (48-X)RS&(48-X2,RX,RX-1)RS-1

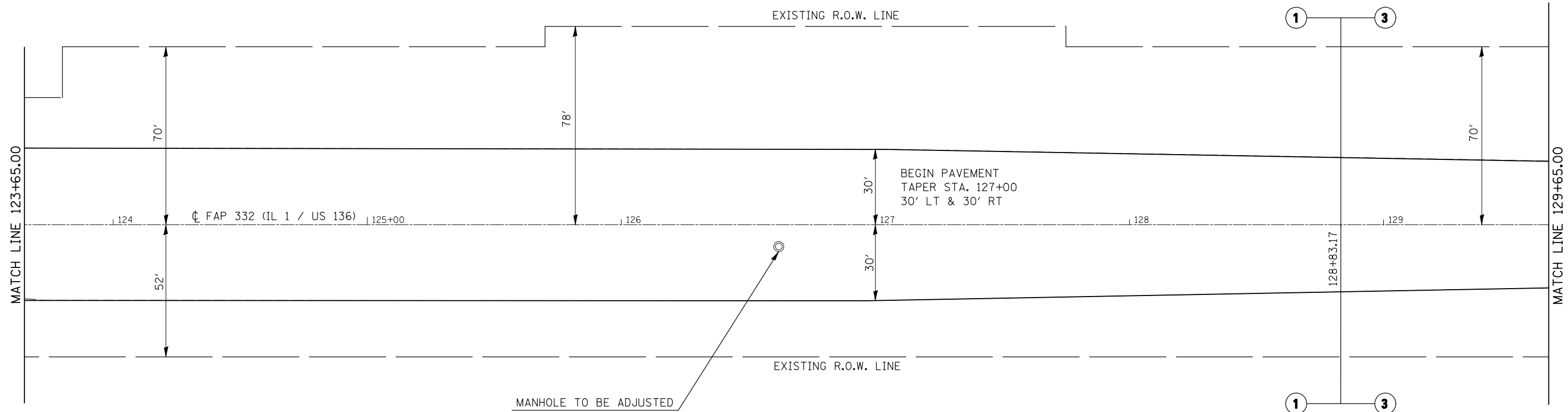
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	•	VERMILION	86	53
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

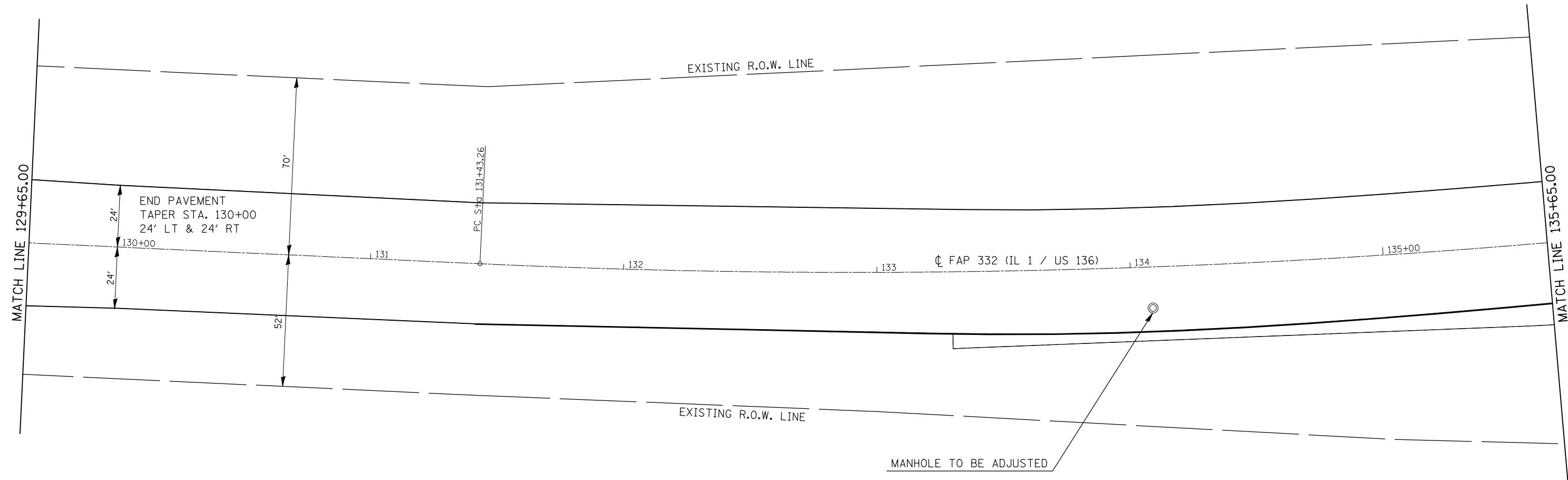
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	54
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

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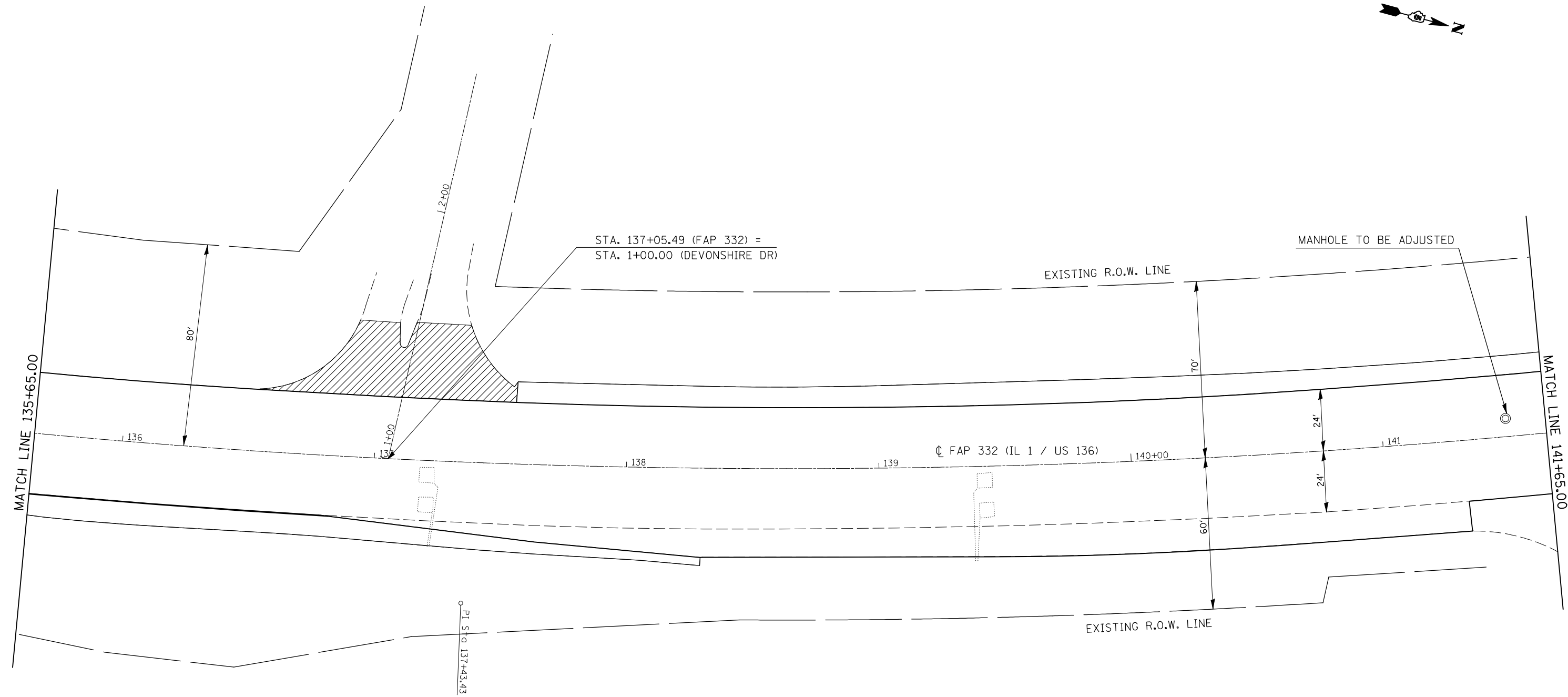
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70124	

 INCIDENTAL HMA SURFACING



• (48-X)RS&(48-X)2,RX,RX-1)RS-1

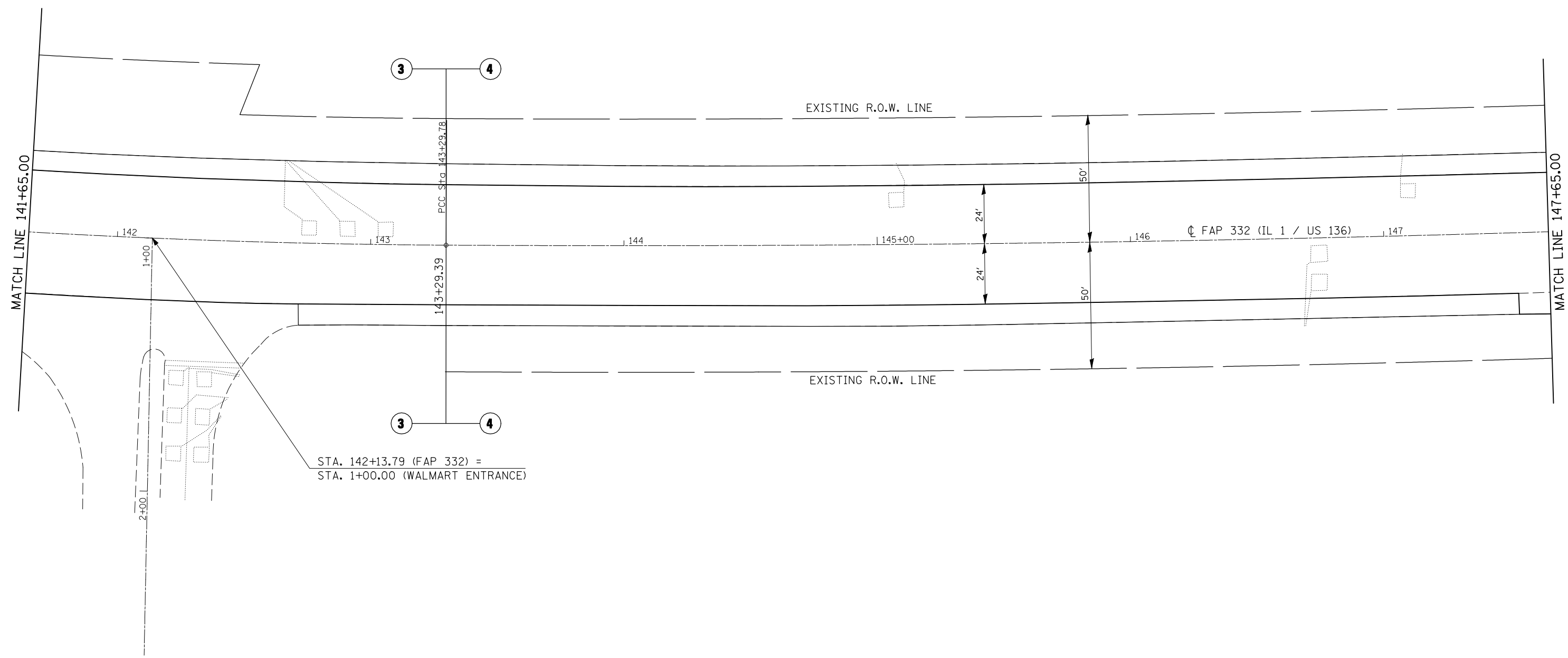
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	56
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

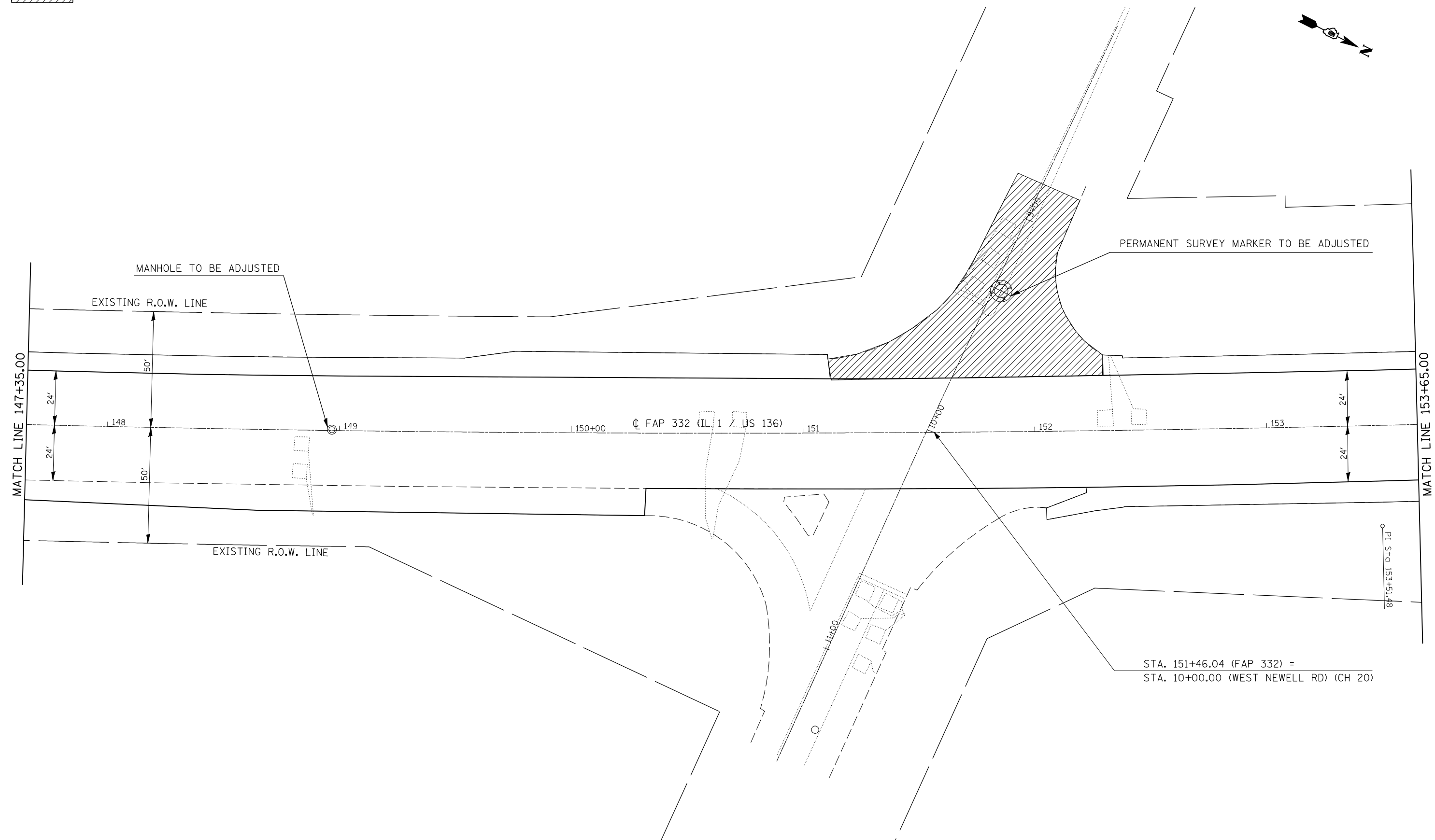
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL ROUTE 1 / US 136</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	57
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	

 INCIDENTAL HMA SURFACING



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

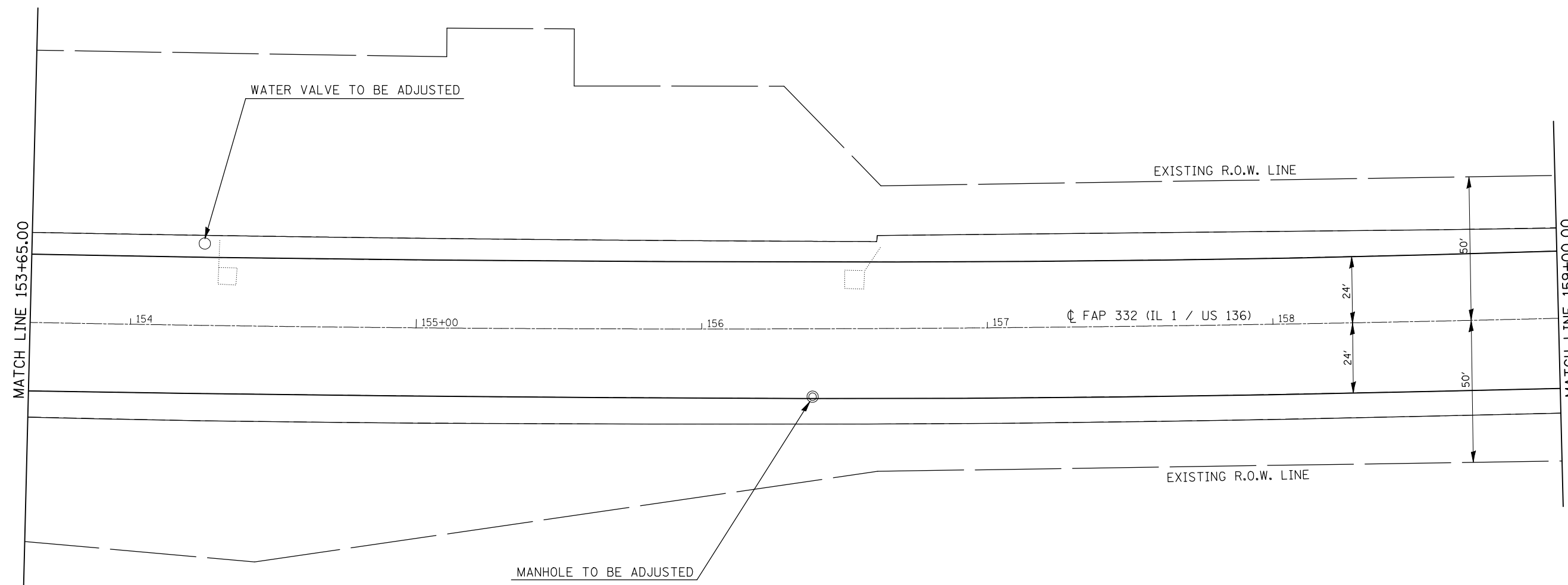
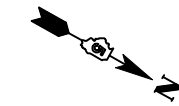
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	58
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

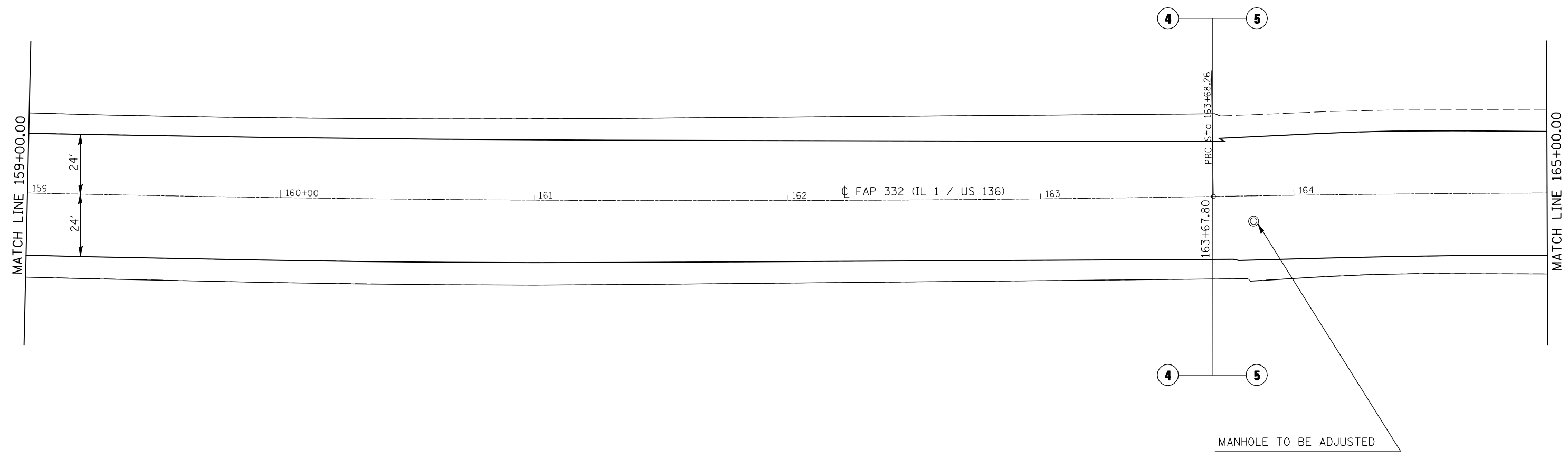
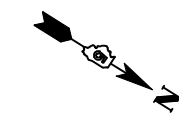
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	59
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

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	PLOT DATE = 1/27/2010	DATE - 01/06/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

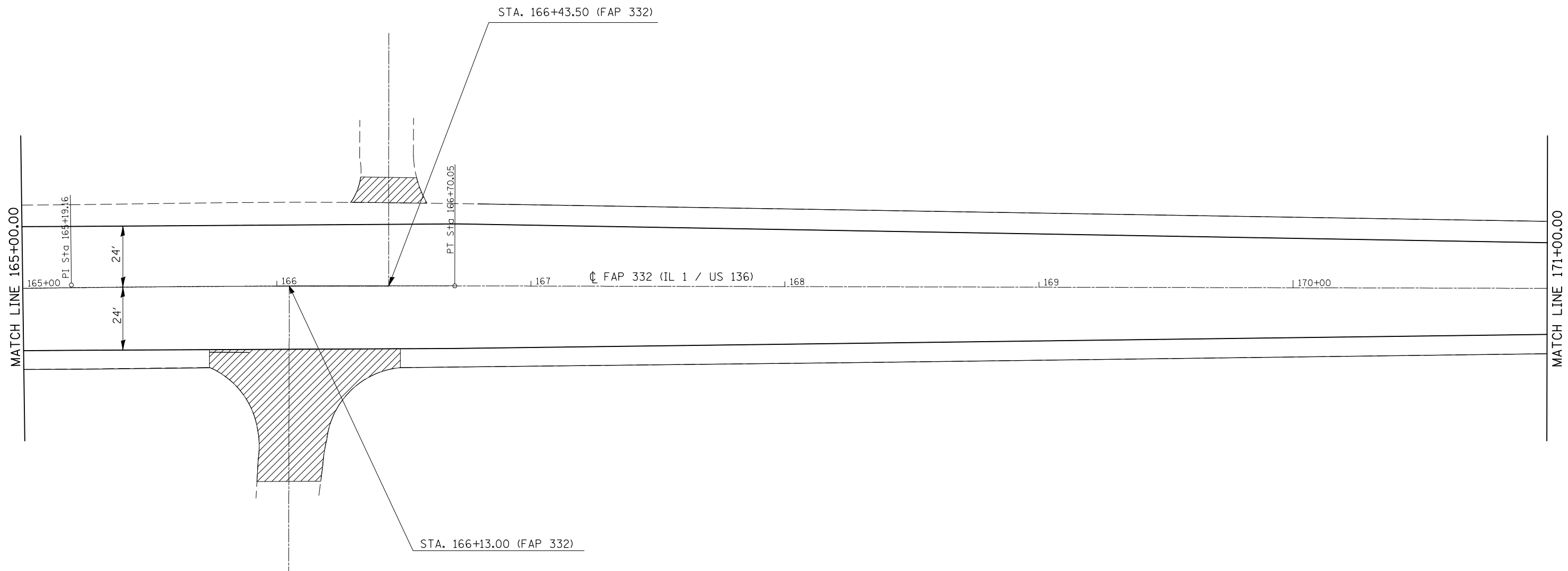
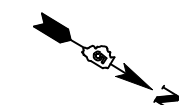
**IL ROUTE 1 / US 136**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	60
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70124	



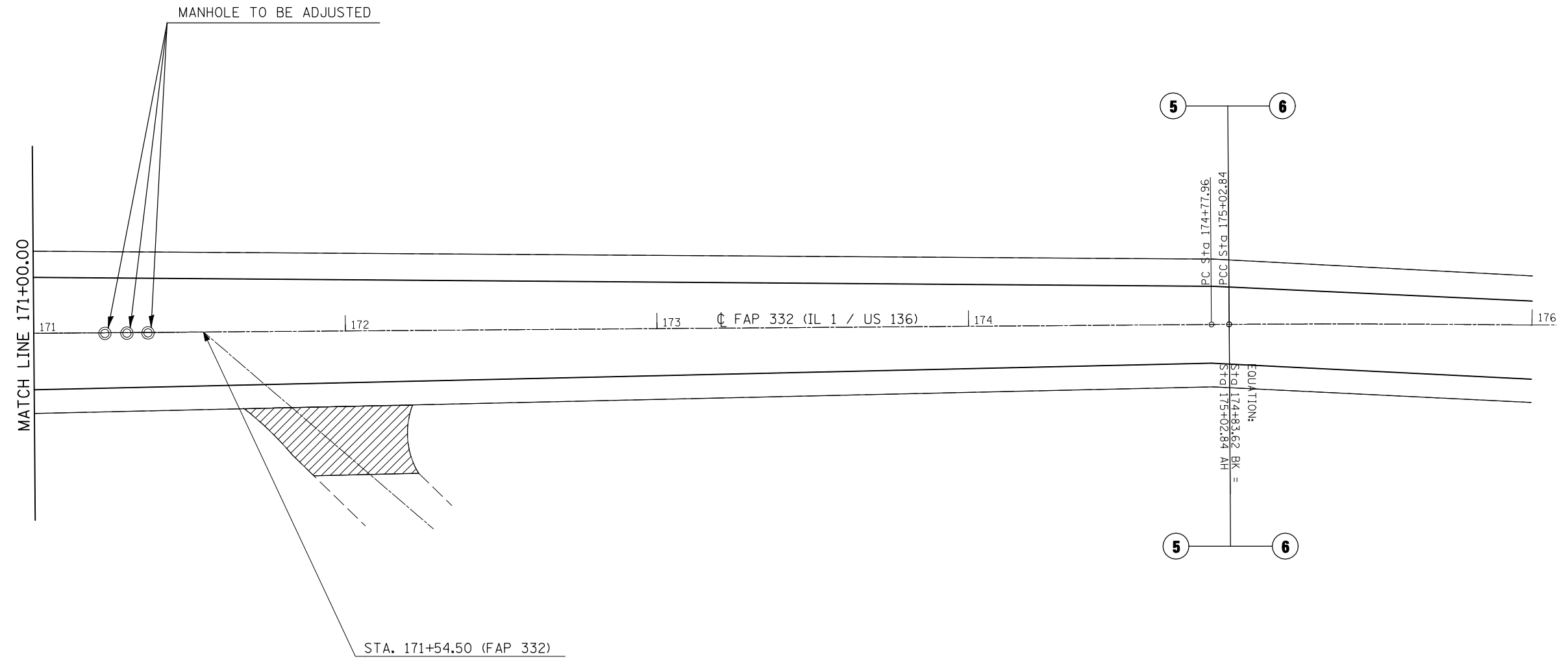
 INCIDENTAL HMA SURFACING



• (48-X1)RS&(48-X2,RX,RX-1)RS-1

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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -					332	*	VERMILION	86	61
PLOT DATE = 1/27/2010	DATE - 01/06/09	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
CONTRACT NO. 70124												

 INCIDENTAL HMA SURFACING



STA. 171+54.50 (FAP 332)

• (48-X1)RS&(48-X2,RX,RX-1)RS-1

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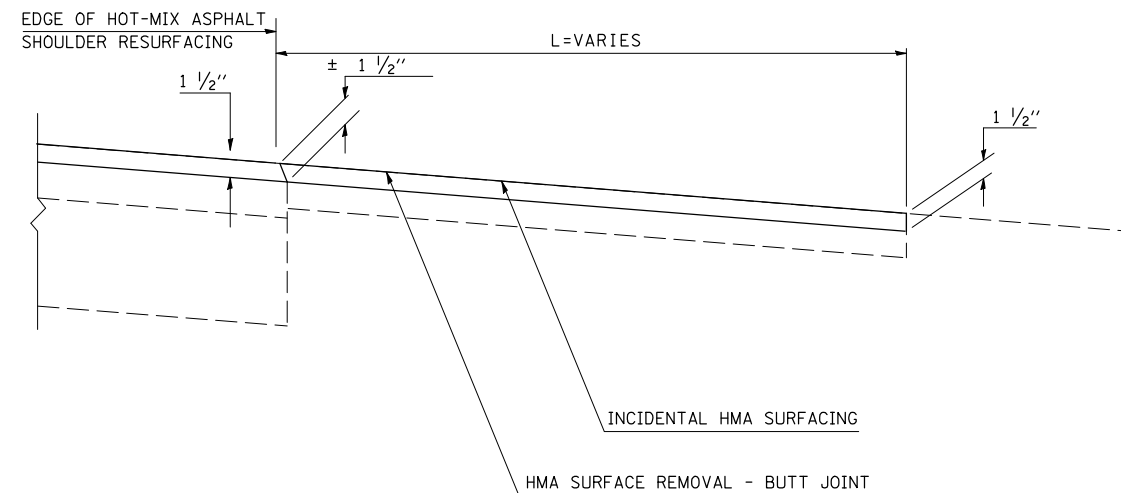
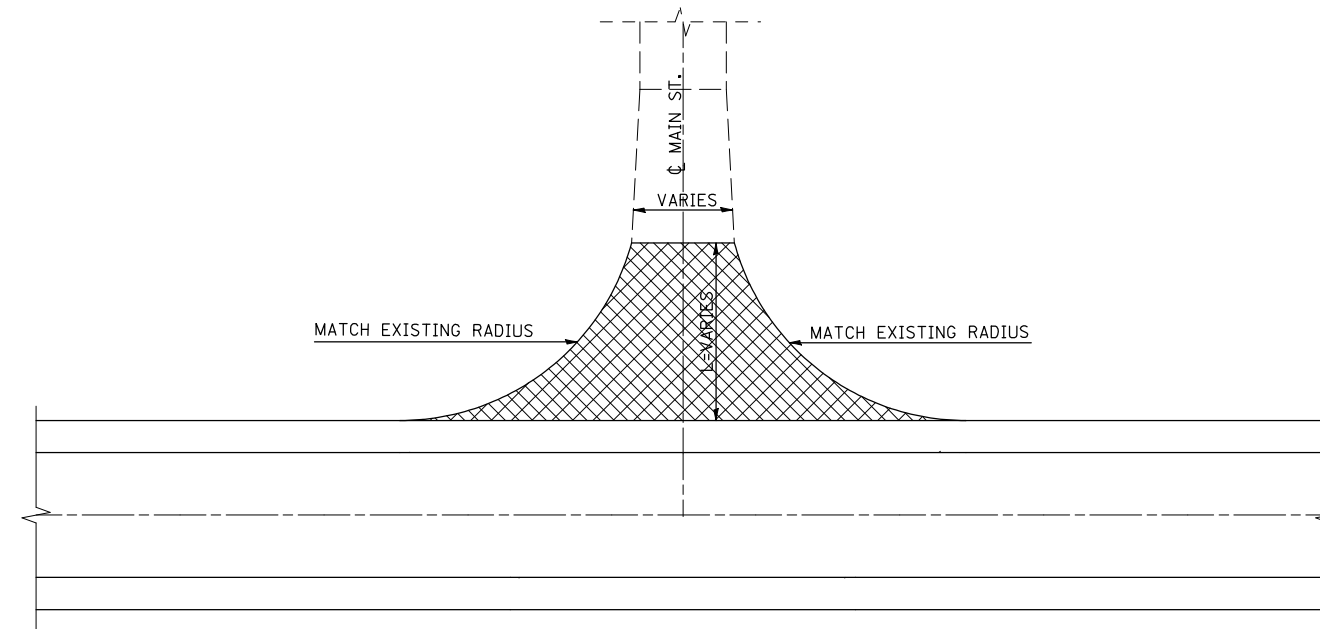
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 / US 136**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	62
CONTRACT NO. 70124			ILLINOIS FED. AID PROJECT	

## TYPICAL DETAIL OF ENTRANCES AND SIDEROADS



\*148-X1)RS&(48-X2,RX,1)RS-1

FILE NAME =	USER NAME = bowerml	DESIGNED - <i>MLB</i>	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

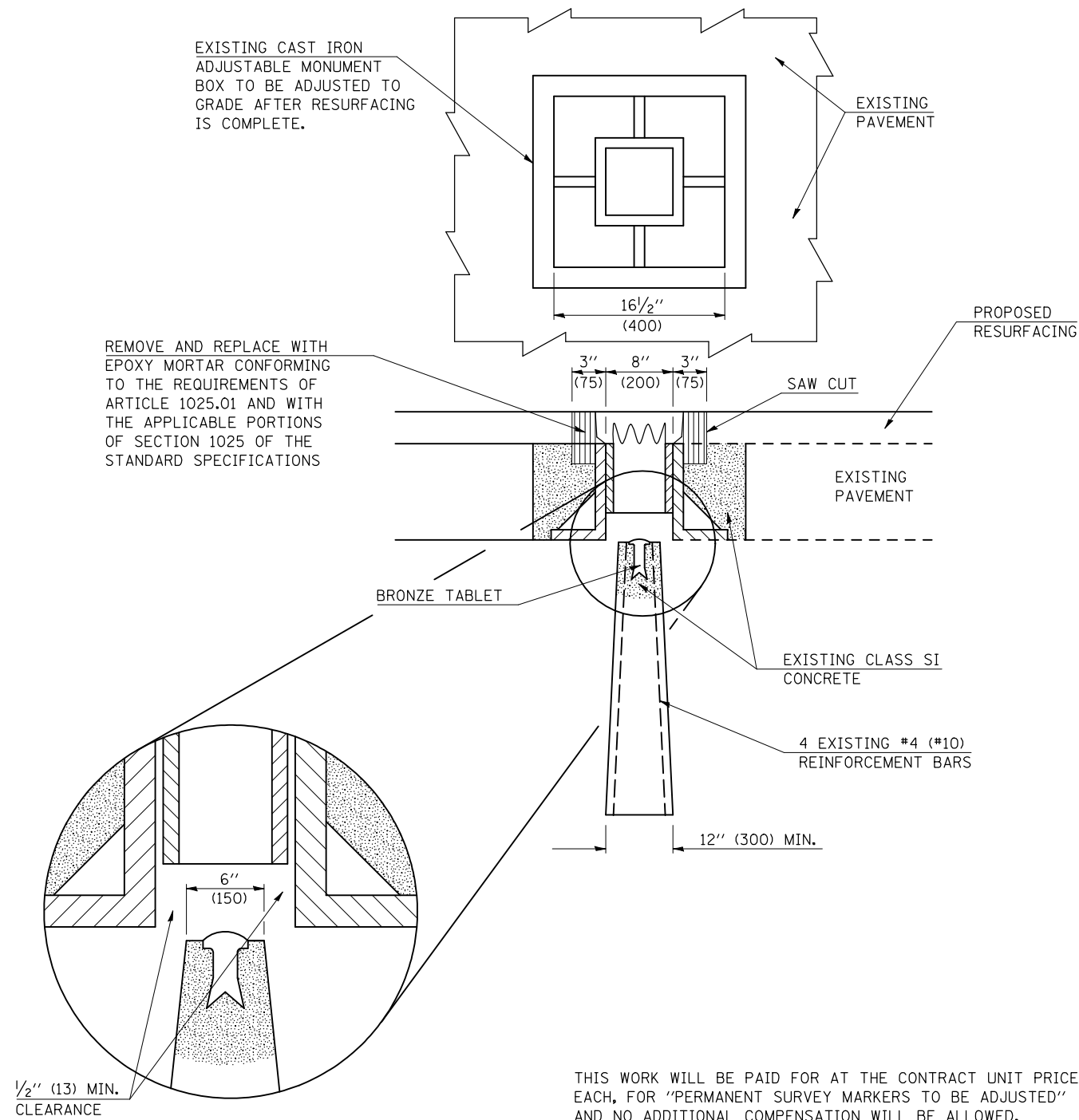
**DETAIL OF ENTRANCES & SIDEROADS**

SCALE: N/A      SHEET NO.    OF    SHEETS    STA.            TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	•	VERMILION	86	63
CONTRACT NO. 70124				
ILLINOIS FED. AID PROJECT				

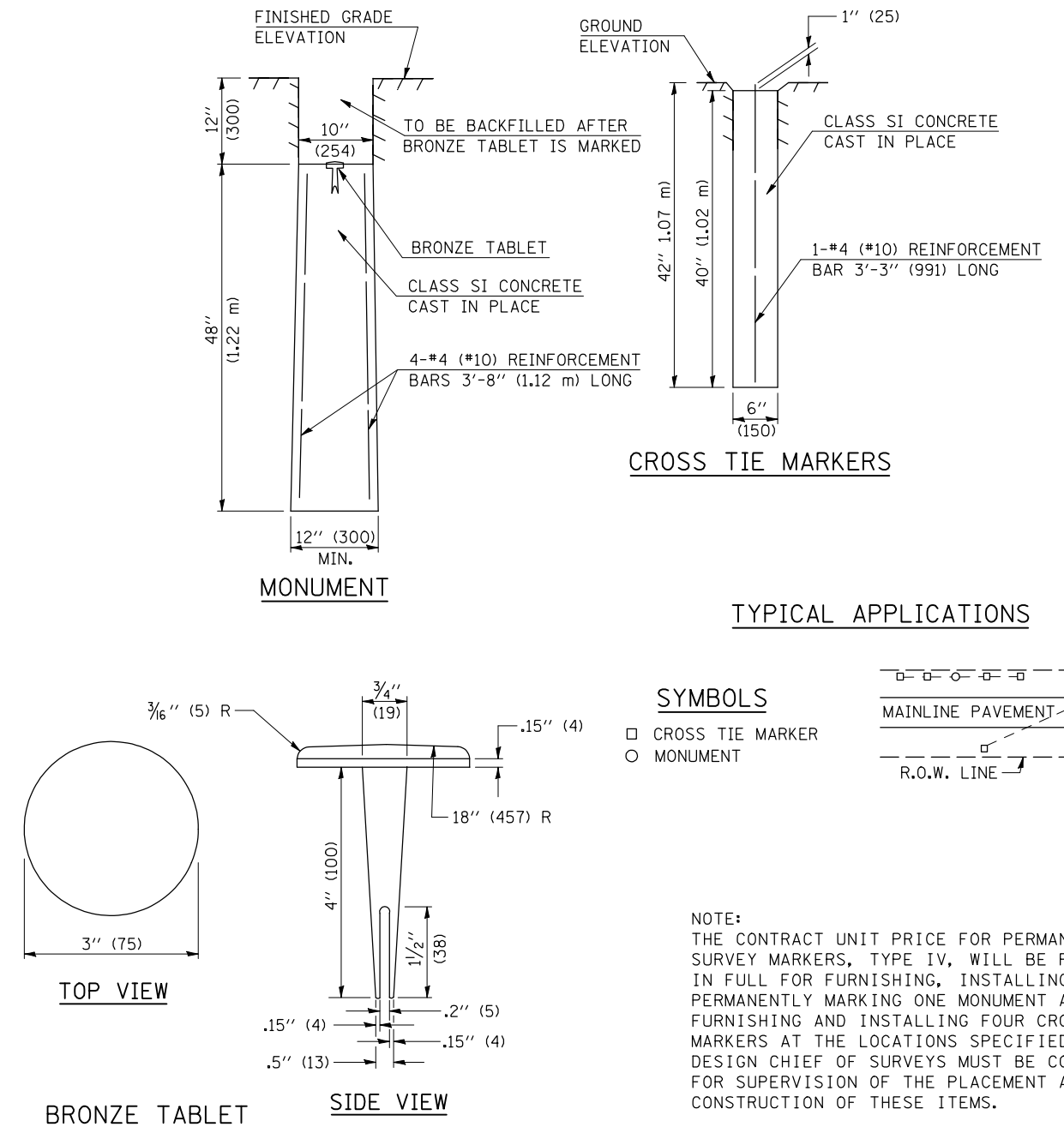
# 66700110 – PERMANENT SURVEY MARKERS TO BE ADJUSTED

TO BE INSTALLED FOR PRESERVING EXISTING CAST IRON PERMANENT SURVEY MARKERS, TYPE III



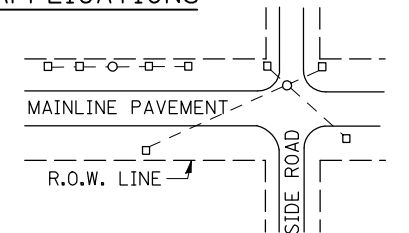
# 66700505 – PERMANENT SURVEY MARKERS, TYPE IV

TO BE INSTALLED IN PAVEMENT OR TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS) UNDER DIRECTION OF THE CHIEF OF SURVEYS



### TYPICAL APPLICATIONS

- SYMBOLS**
- CROSS TIE MARKER
  - MONUMENT



**NOTE:**  
THE CONTRACT UNIT PRICE FOR PERMANENT SURVEY MARKERS, TYPE IV, WILL BE PAYMENT IN FULL FOR FURNISHING, INSTALLING, AND PERMANENTLY MARKING ONE MONUMENT AND FURNISHING AND INSTALLING FOUR CROSS TIE MARKERS AT THE LOCATIONS SPECIFIED. THE DESIGN CHIEF OF SURVEYS MUST BE CONTACTED FOR SUPERVISION OF THE PLACEMENT AND CONSTRUCTION OF THESE ITEMS.

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

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

### DISTRICT 5 DETAIL NO. 66700AAA

FILE NAME =	USER NAME = bowerml	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### PERMANENT SURVEY MARKERS (TYPE IV AND ADJUSTED)

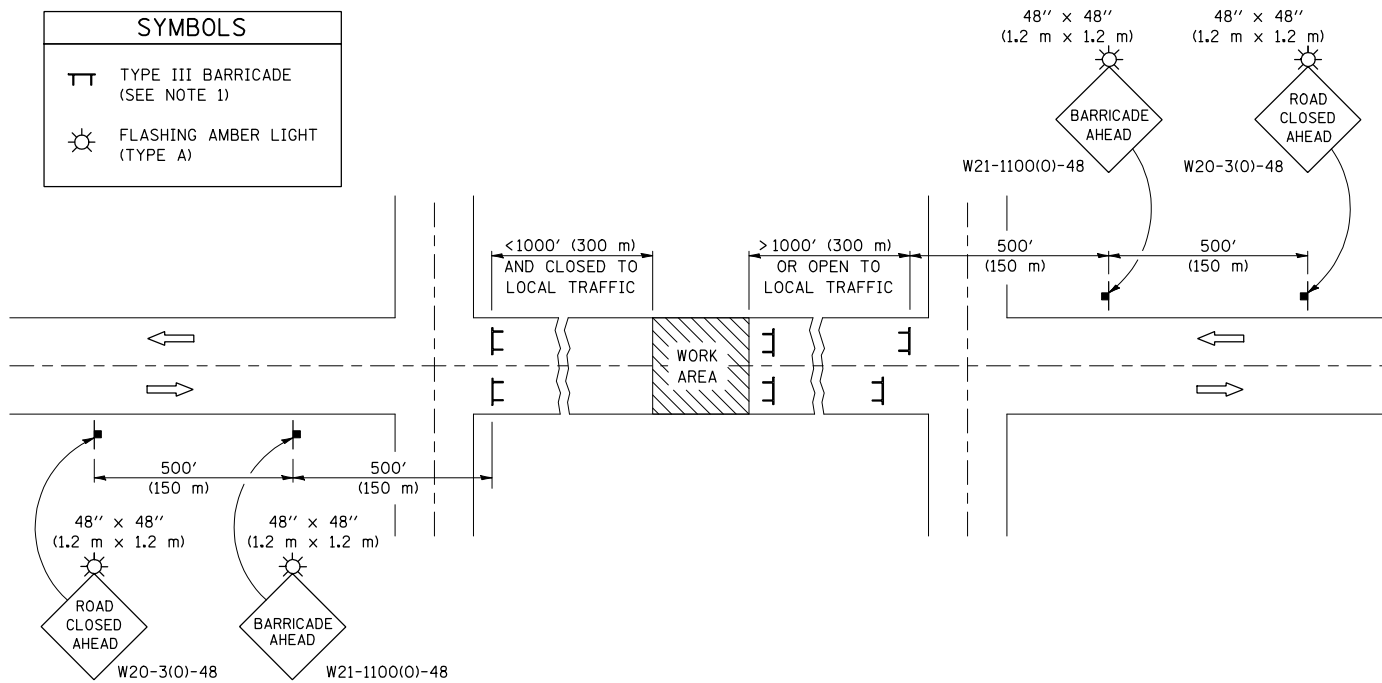
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	64
CONTRACT NO. 70124				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# ROAD CLOSURE

# SIDEROAD / STREET CLOSURE

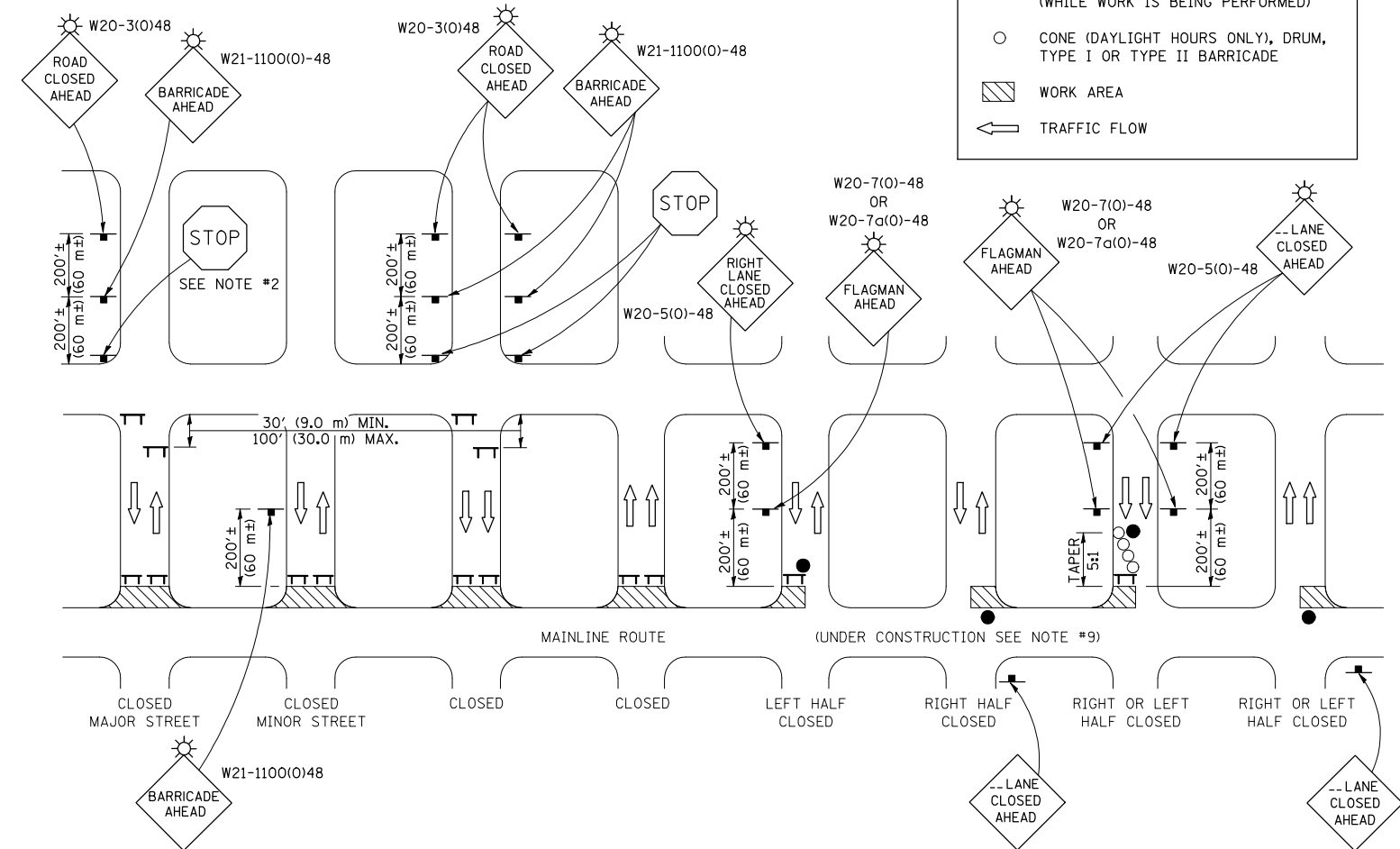
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



## 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)
	CONES (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.

(48-X)1RS&(48-X)2,RX,RX-1)RS-1

## DISTRICT 5 DETAIL NO. 7020000

FILE NAME =	USER NAME = bowerml	DESIGNED -	REVISED - 11/06
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

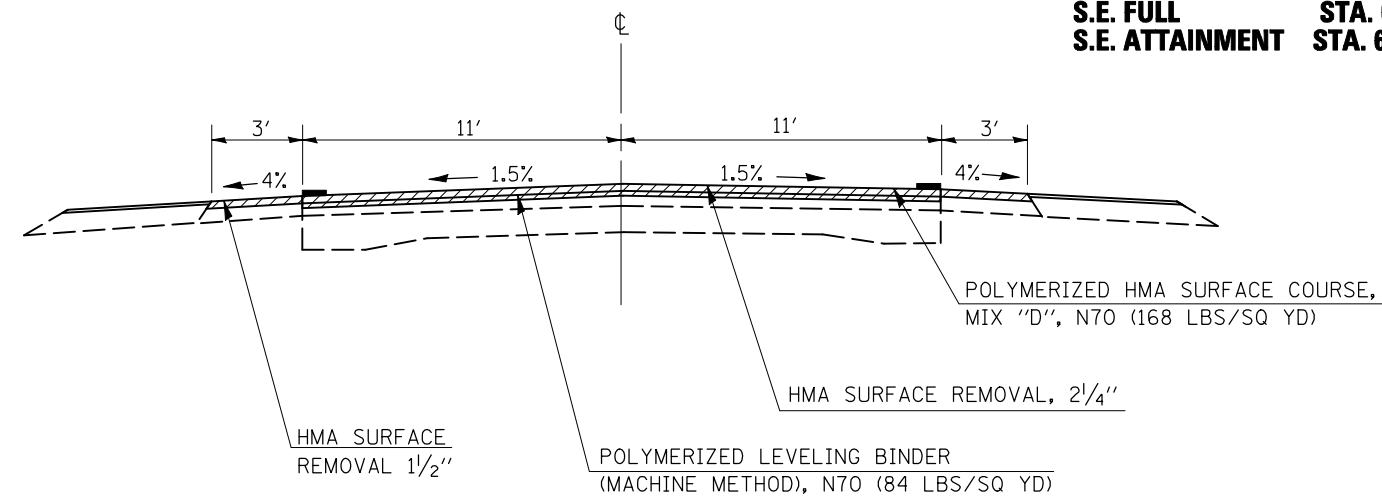
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	65
CONTRACT NO. 70124				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

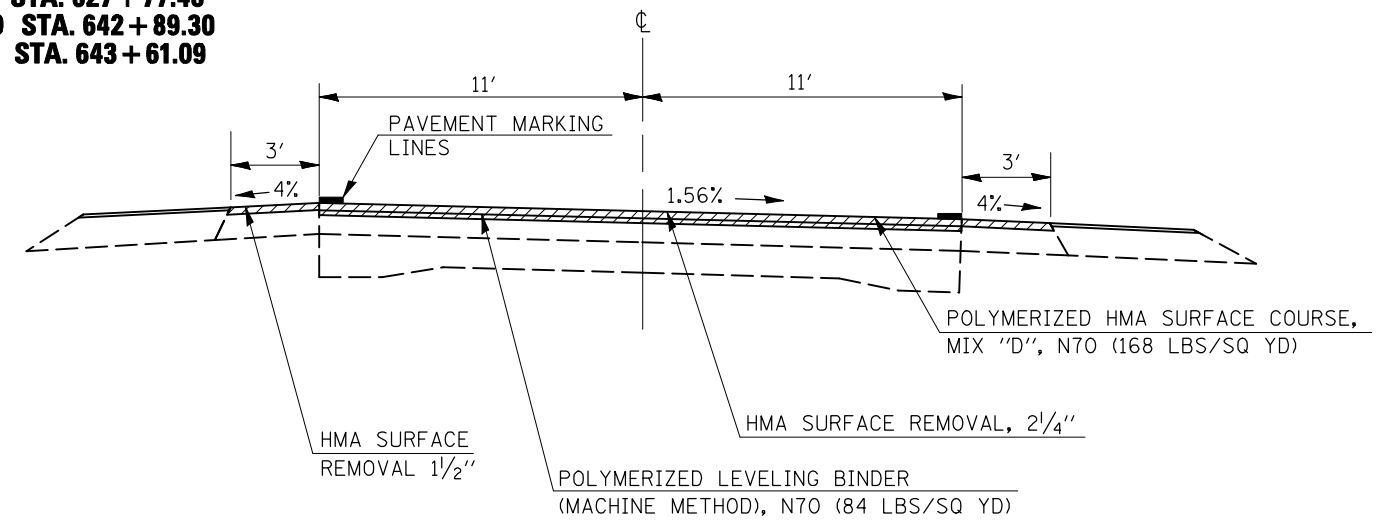
**NORMAL CROWN**



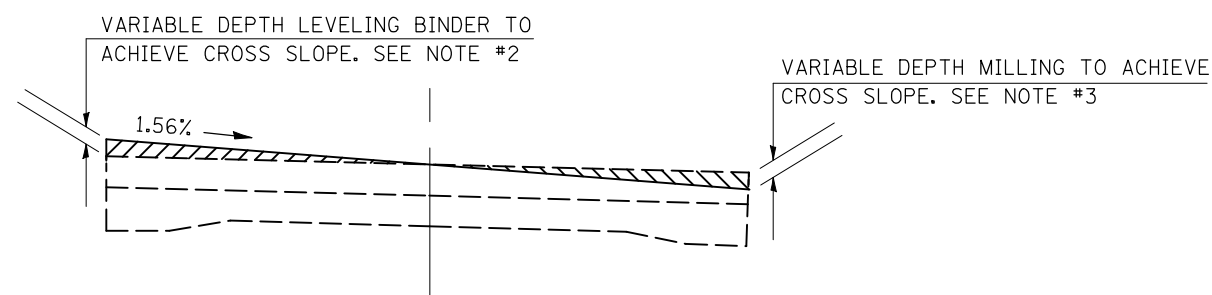
**PROPOSED SUPERELEVATION TRANSITION**

**S.E. ATTAINMENT STA. 627+05.61 TO STA. 627+77.40**  
**S.E. FULL STA. 627+77.40 TO STA. 642+89.30**  
**S.E. ATTAINMENT STA. 642+89.30 TO STA. 643+61.09**

**FULL SUPERELEVATION**



**DETAIL OF SUPERELEVATION CORRECTION**



**NOTES:**

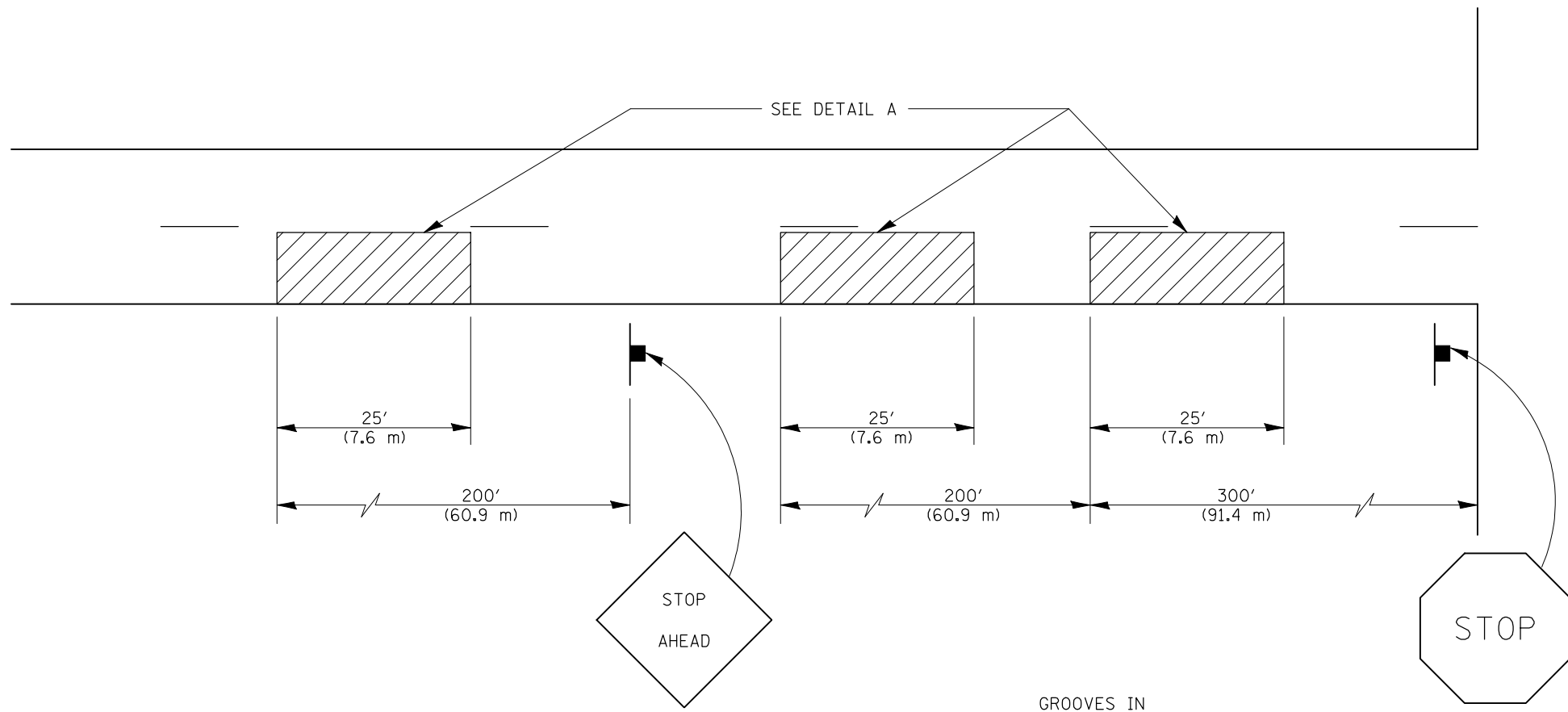
1. THE ABANDONED RAILROAD AT STA 643+49.00 IS BEING REMOVED WITH THIS CONTRACT. THE SUPERELEVATION SHALL BE CORRECTED AT THIS LOCATION AFTER THE ABANDONED RAILROAD HAS BEEN REMOVED.
2. THE THICKNESS OF THE POLYMERIZED HOT-MIX ASPHALT BINDER WILL VARY FROM  $3/4$ " TO FROM 2". APPROXIMATELY 7 TONS OF POLYMERIZED LEVELING BINDER WILL BE NEEDED TO CORRECT THE SUPERELEVATION.
3. THE MILLING DEPTH WILL VARY FROM  $2\ 1/4$ " TO  $3\ 1/2$ ". THE COST OF VARIABLE DEPTH MILLING SHALL BE INCLUDED IN THE COST FOR HMA SURFACE REMOVAL  $2\ 1/4$ ".

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	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

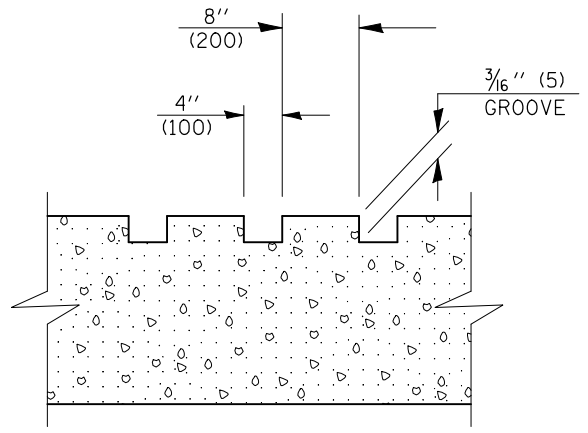
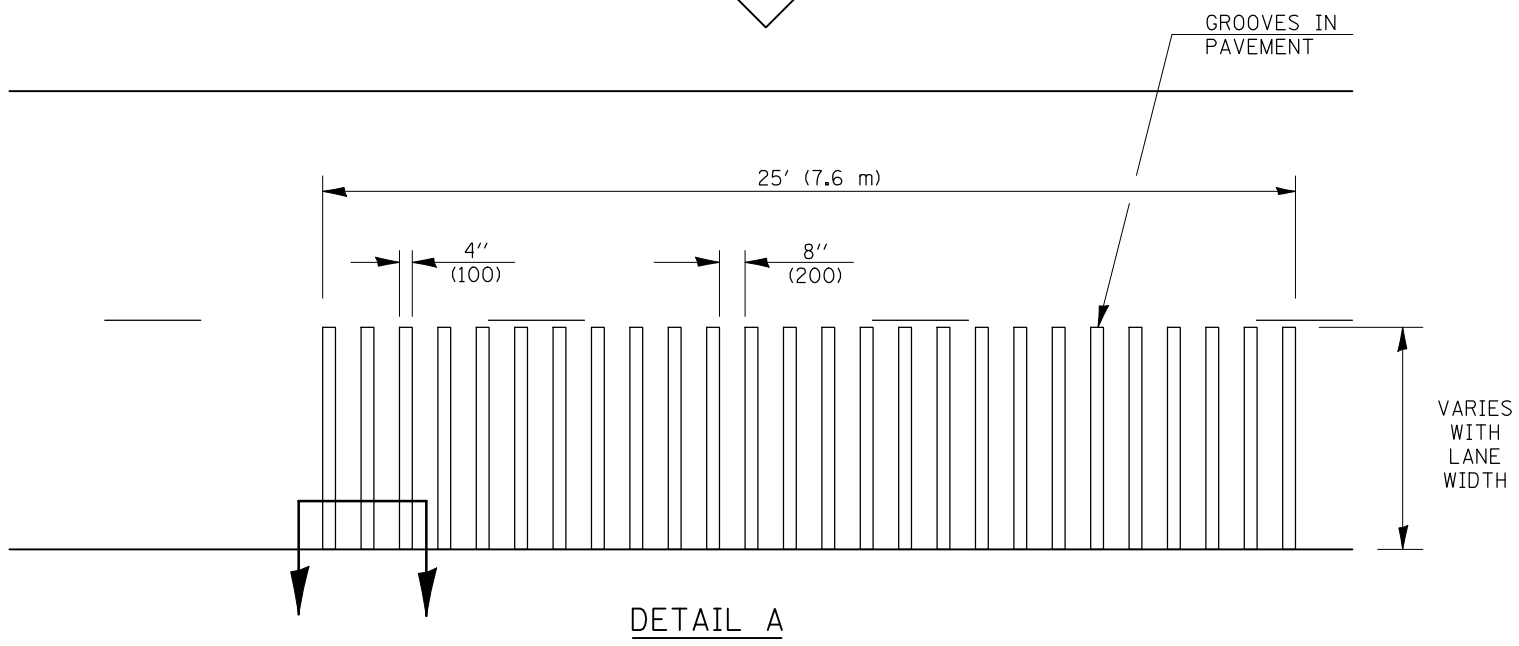
<b>SUPERELEVATION CORRECTION FROM STA 627+05.61 TO STA 643+61.09</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VERMILION	86	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70124	



**GENERAL NOTES**

1. ALL GROOVES SHALL BE CONSTRUCTED USING A 4" (100 mm) MILLING HEAD OR SERIES OF 4" (100 mm) MILLING HEADS CAPABLE OF CUTTING TO THE SPECIFIED DEPTH OR ANY VARIABLE DEPTH.
2. THIS WORK WILL BE MEASURED FOR PAYMENT PER EACH 25' (7.6 m) INDIVIDUAL RUMBLE STRIP APPLIED AND PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR RUMBLE STRIP, WHICH PRICE SHALL INCLUDE ALL EQUIPMENT, MATERIAL, LABOR AND OTHER ITEMS REQUIRED TO INSTALL EACH INDIVIDUAL RUMBLE STRIP.



**SECTION A-A**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.  
 \*(48-X1)RS&(48-X2,RX,RX-1)RS-1

**DISTRICT 5 DETAIL NO. Z0055300**

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	PLOT DATE = 1/26/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RUMBLE STRIP (ADVANCE OF INTERSECTIONS)**

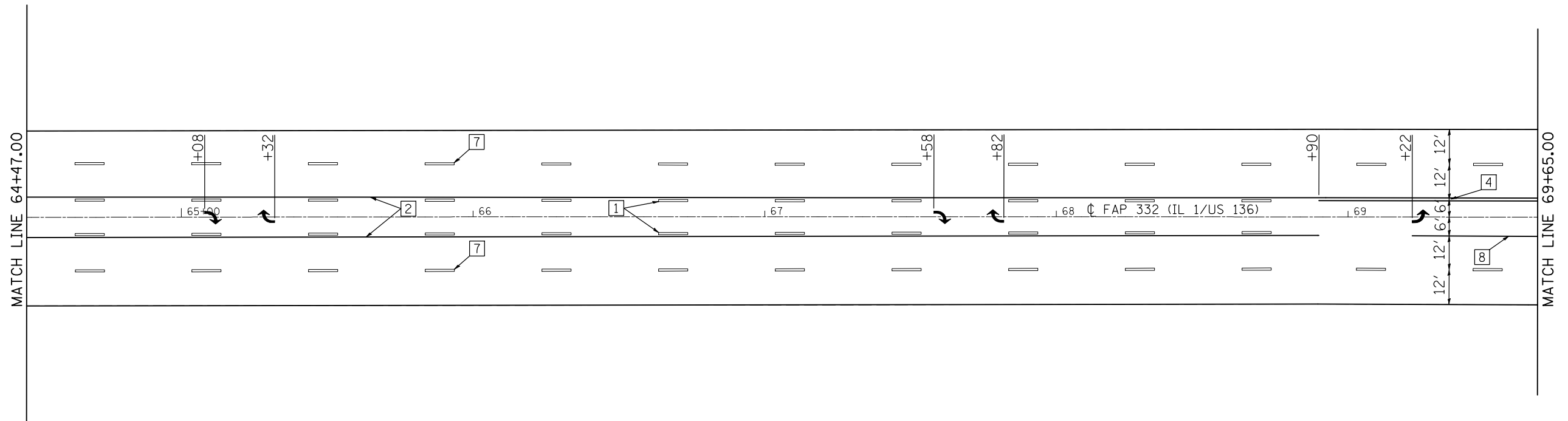
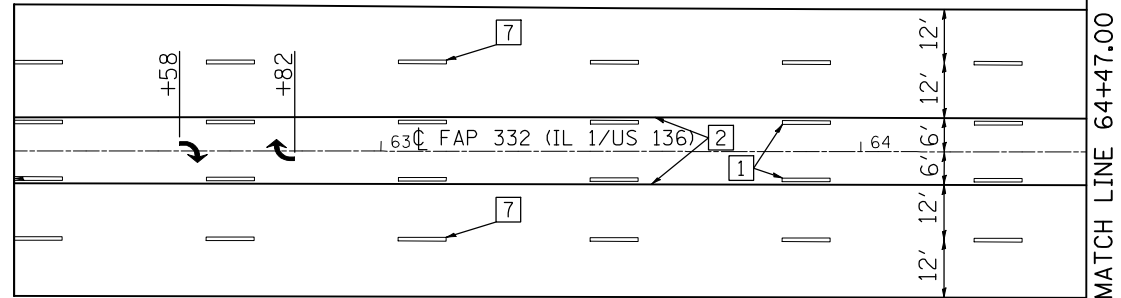
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	67
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 70124	

**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

**NOTE FOR ALL PAVEMENT MARKING DETAILS:**  
 PAVEMENT MARKING DETAILS ARE BASED ON AS-BUILTS PLANS AND FIELD MEASUREMENTS. ANY CHANGES TO THE PAVEMENT MARKINGS WILL BE AT THE ENGINEER'S DISCRETION.



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PLOT DATE = 1/27/2010		DATE -	REVISED -

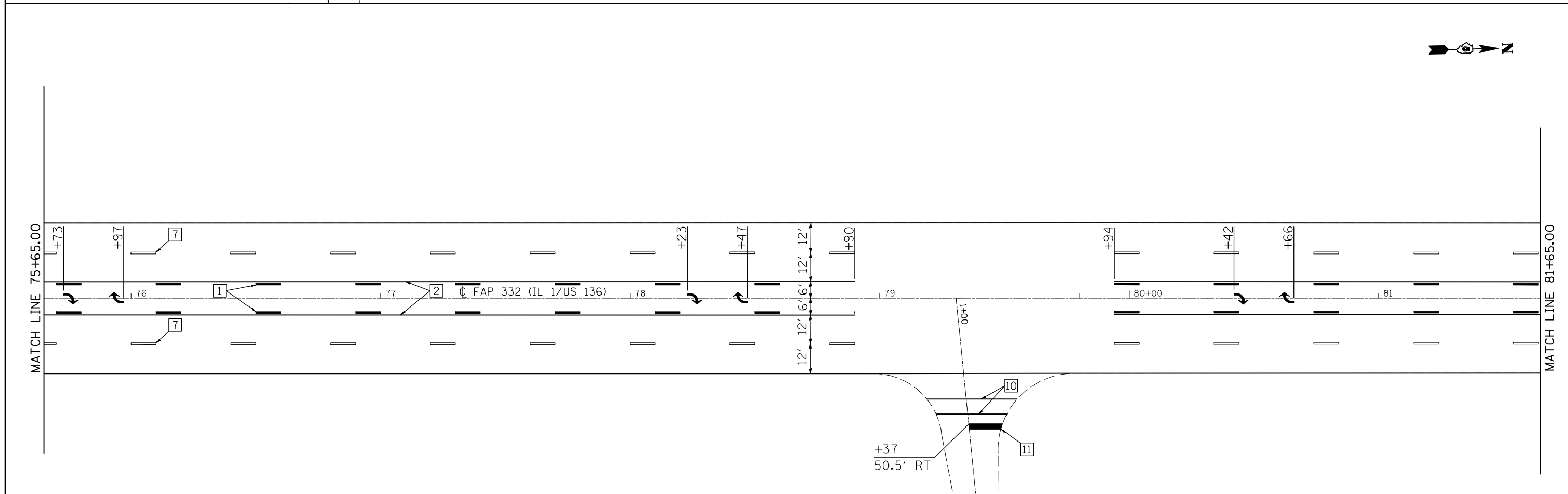
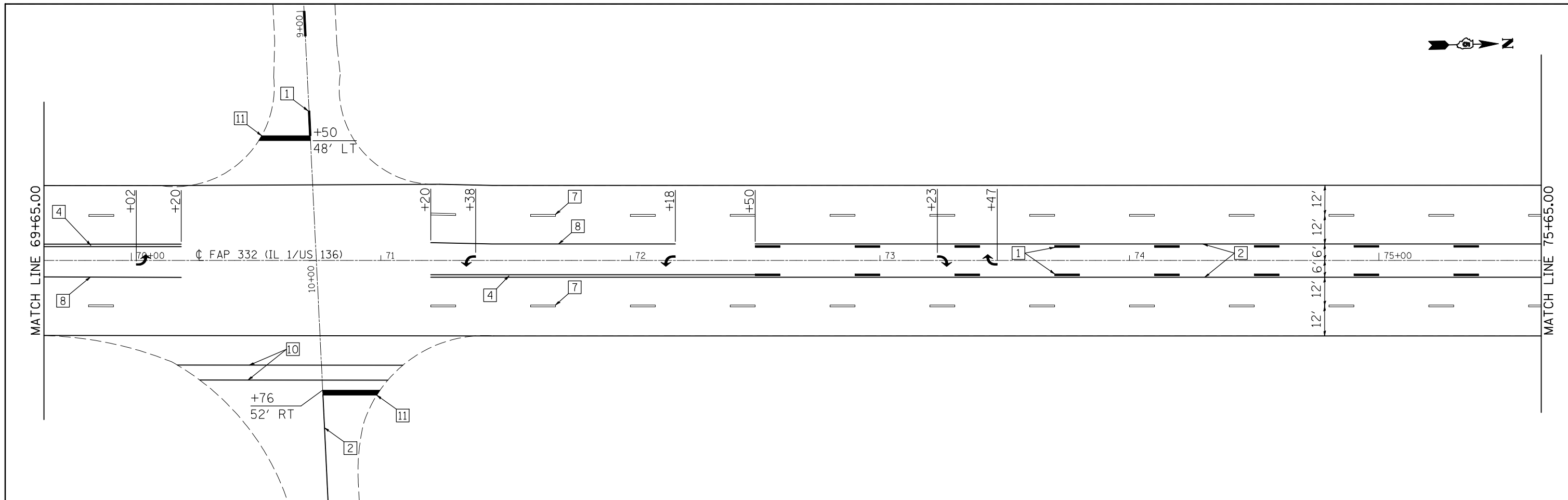
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING &  
 DETECTOR LOOP DETAILS**

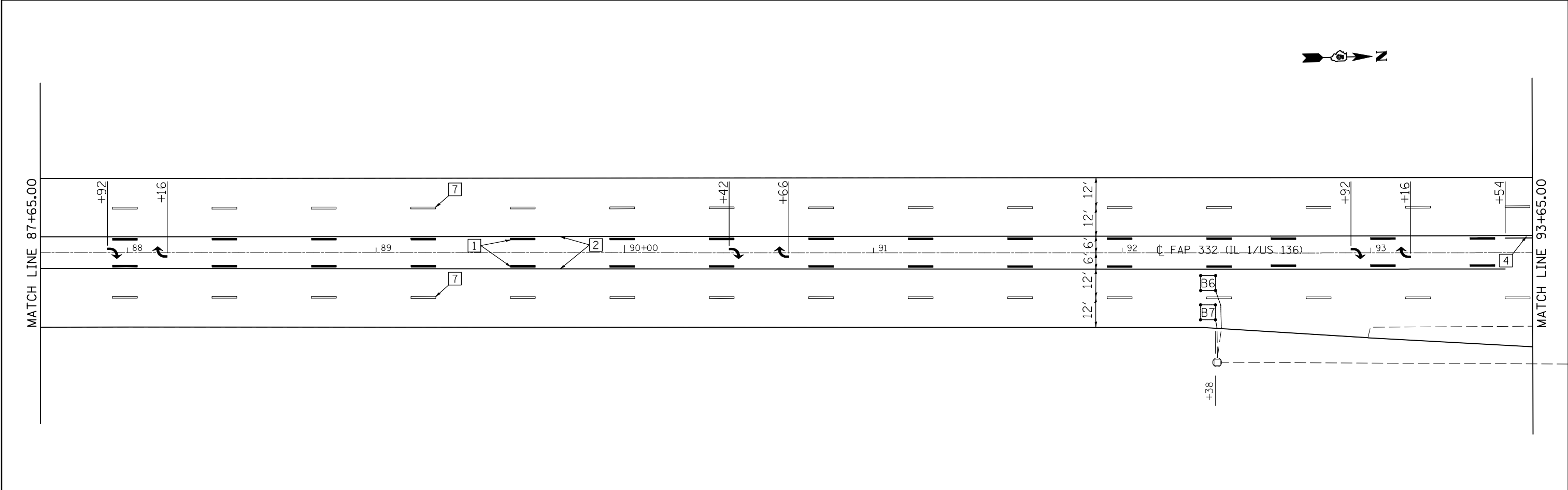
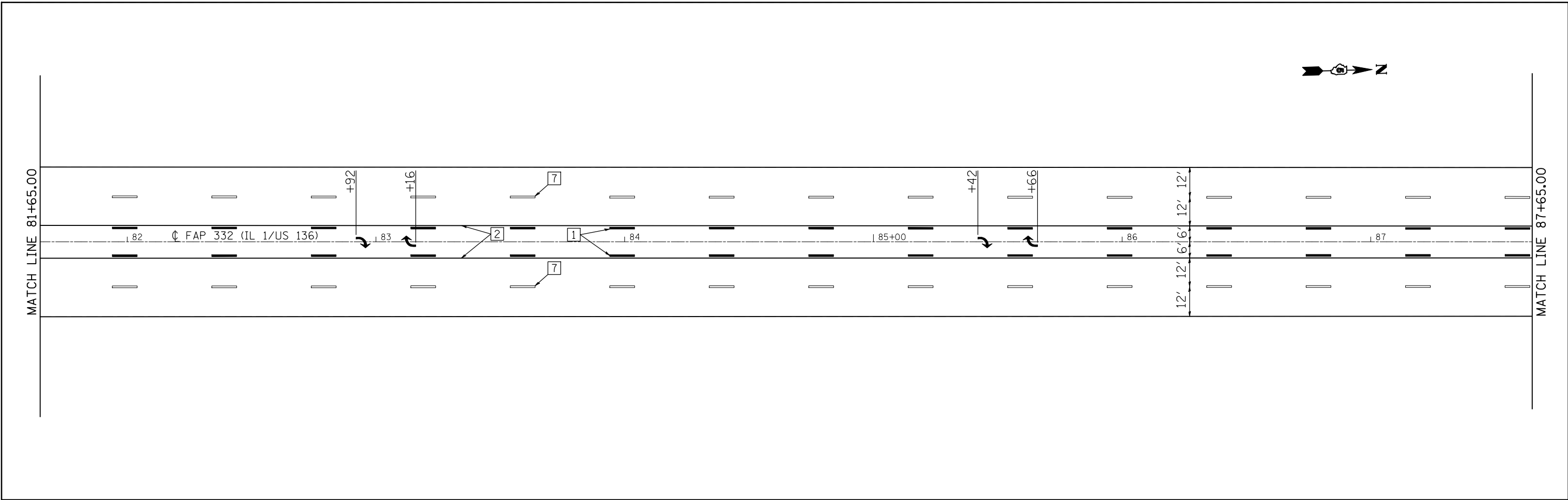
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	68
* (48-X1)RS&(48-X2,RX,RX-1)RS-1			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				





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PLOT DATE = 1/27/2010	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT								



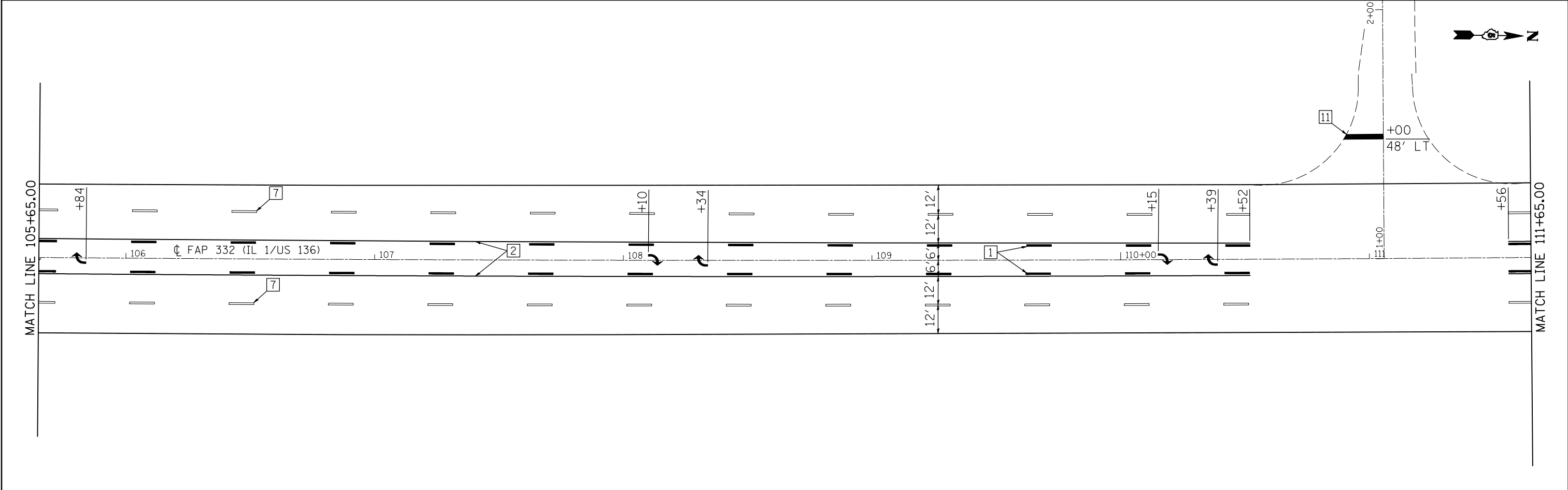
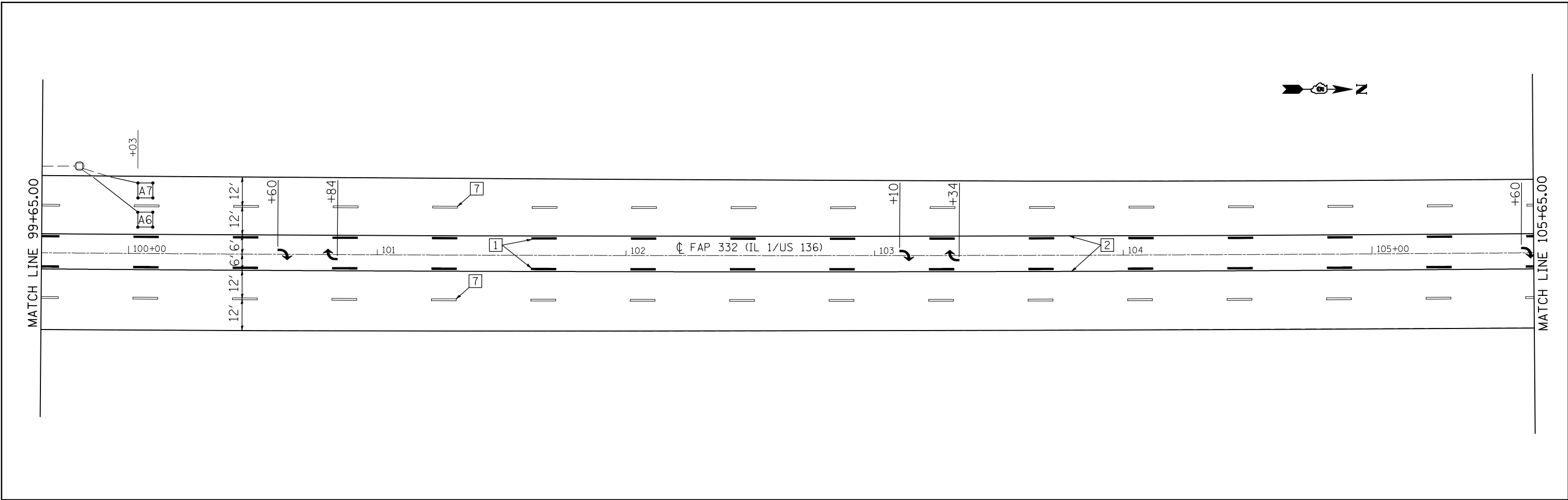
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; DETECTOR LOOP DETAILS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		VERMILION	86	70
• (48-X1)RS&(48-X2,RX,RX-1)RS-1			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				





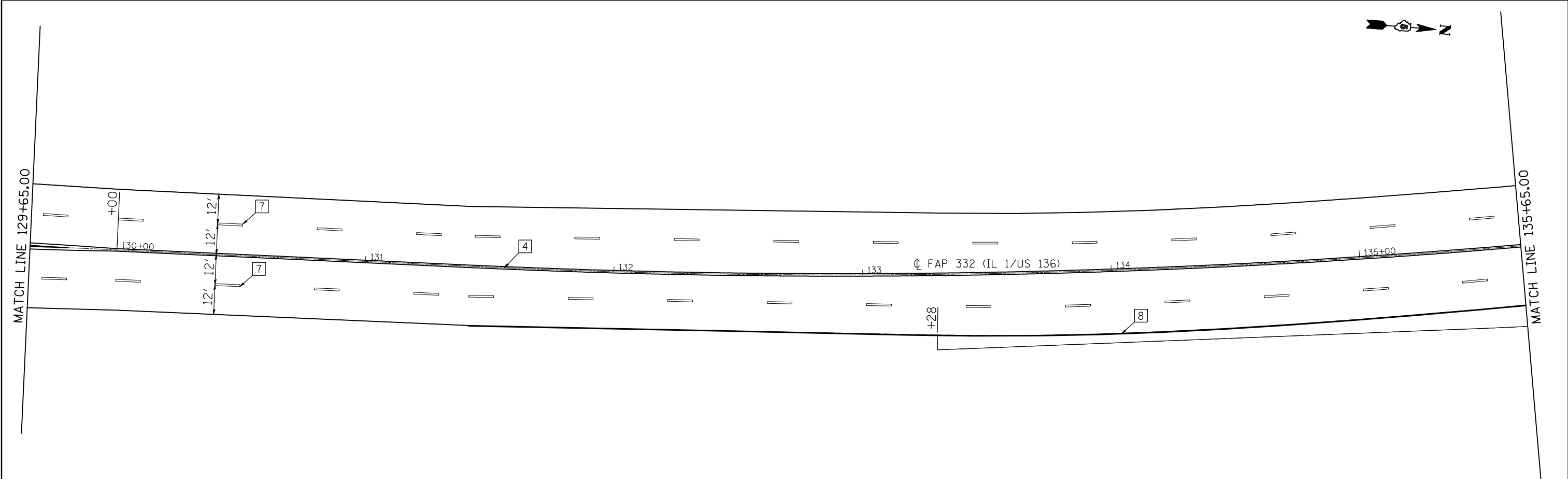
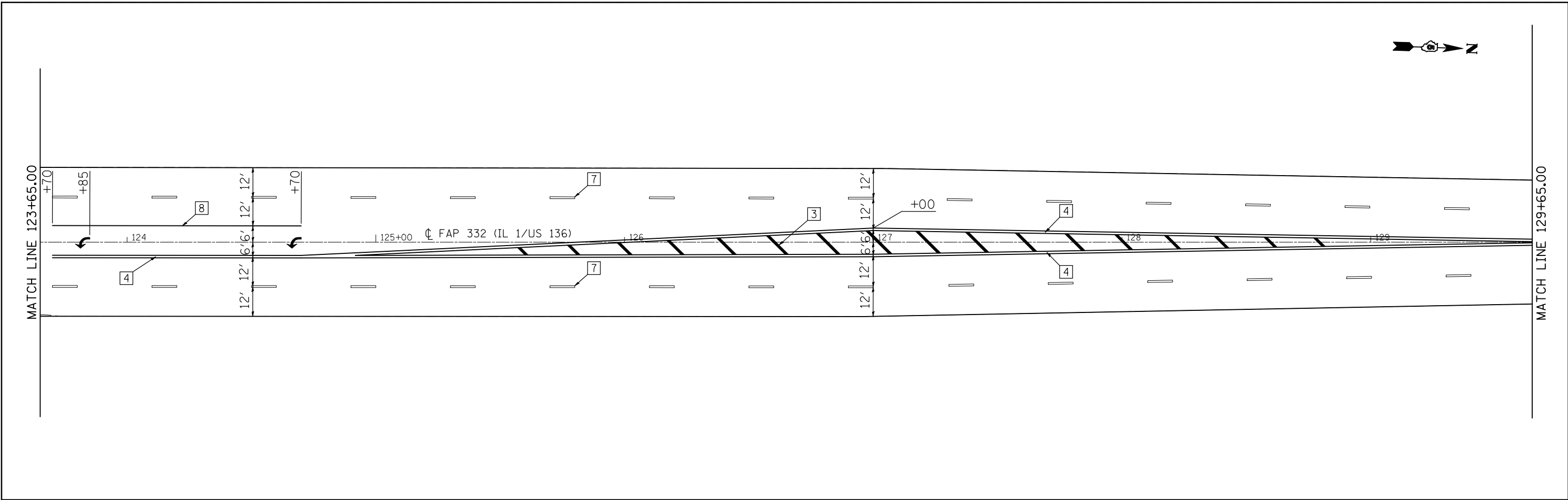
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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; DETECTOR LOOP DETAILS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	72
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ILLINOIS FED. AID PROJECT				



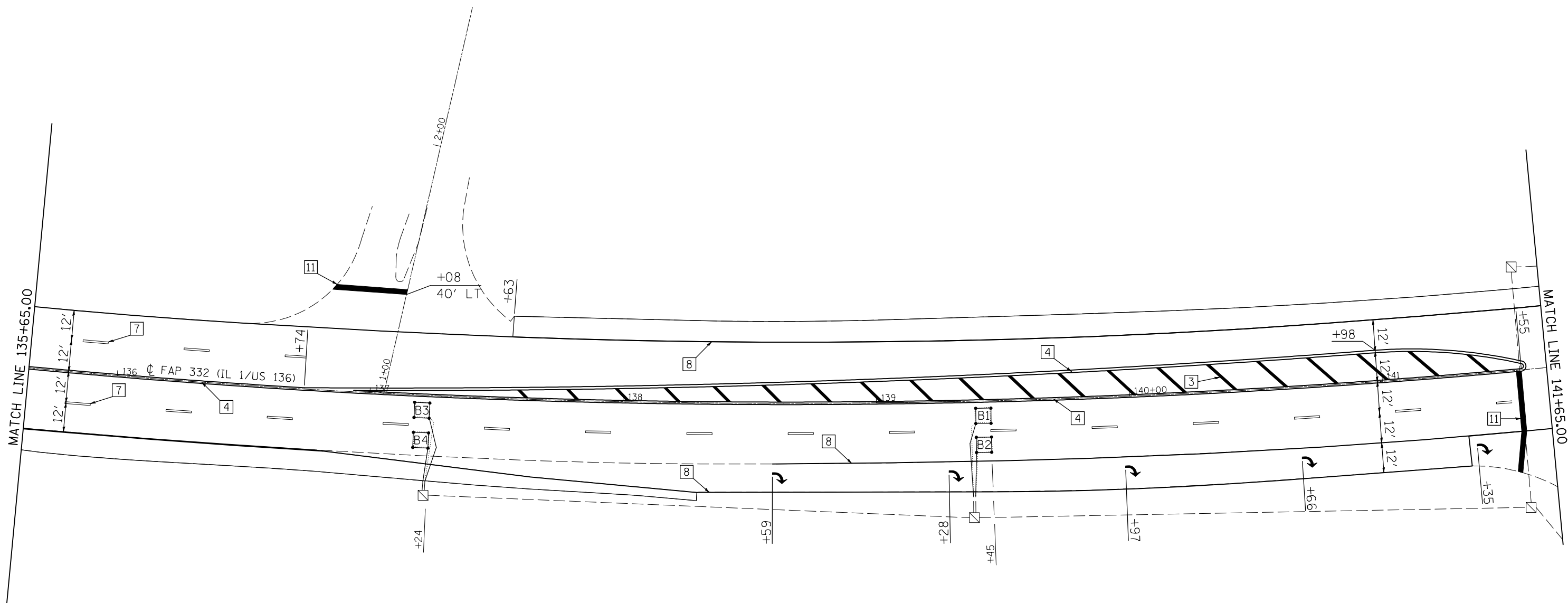


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	PLOT DATE = 1/27/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; DETECTOR LOOP DETAILS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	74
* (48-X1)RS&(48-X2,RX,RX-1)RS-1			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				



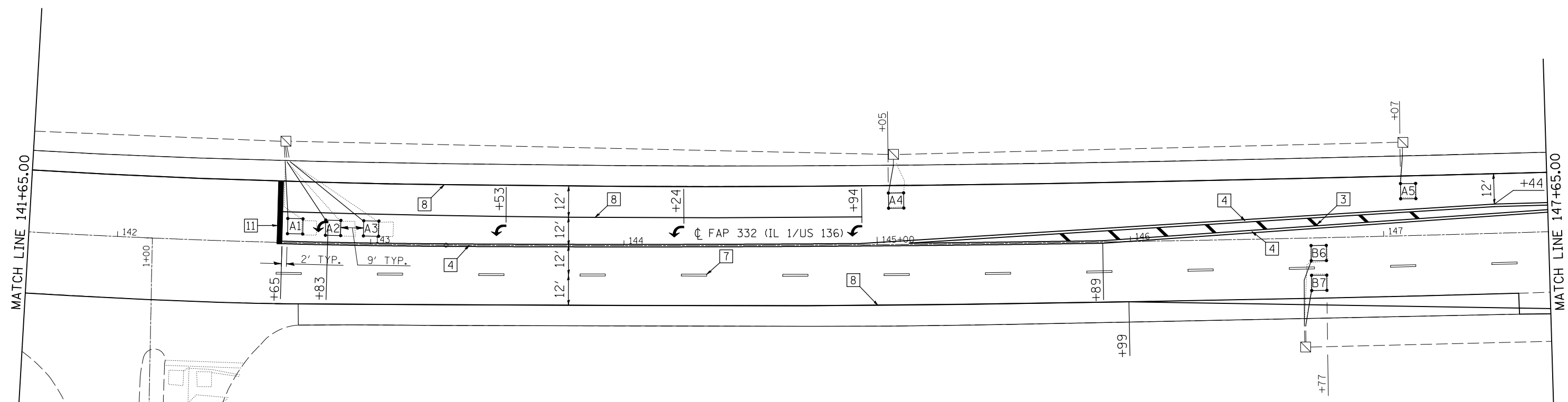
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING &  
DETECTOR LOOP DETAILS**

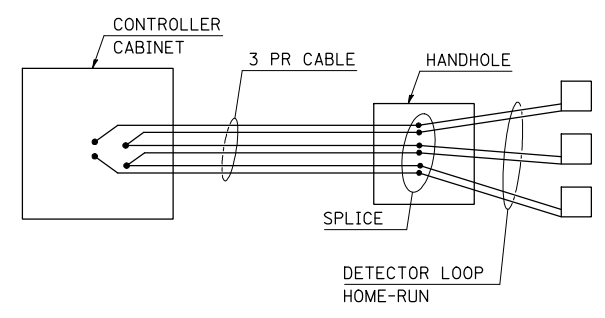
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	75
* (48-X1)RS&(48-X2,RX,-1)RS-1			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				



**DETAIL OF DETECTOR LOOP WIRING**

WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA CHART				
U.S. 136 / IL. 1 & Walmart Entrance				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1-3	6	6	4	
A4	6	6	5	
A5	6	6	6	
B1-2	6	6	5	
B3-4	6	6	6	

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1, A2, A3), (A4), (A5), (B1, B2), (B3, B4)

**DETECTOR LOOP, TYPE 1**  
IL. 1 & WALMART ENTRANCE 414 FT.

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	PLOT DATE = 1/27/2010	DATE -	REVISED -

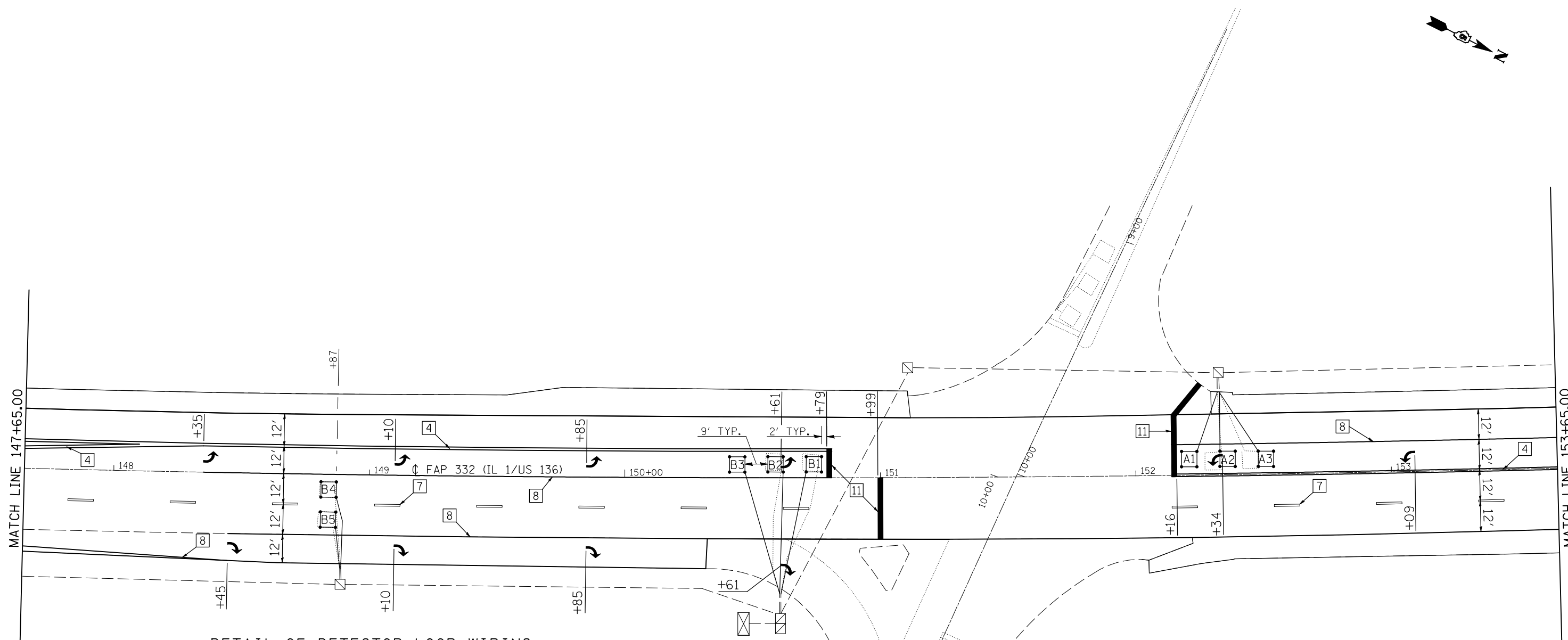
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & DETECTOR LOOP DETAILS**

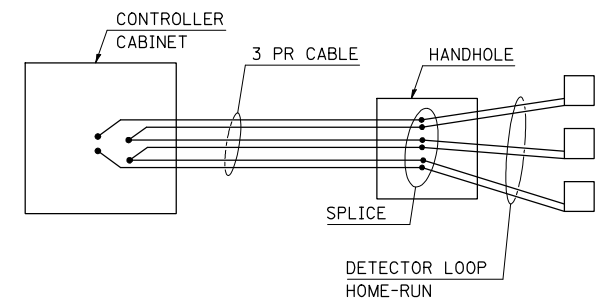
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	76
* (48-X1)RS&(48-X2,RX,RX-1)RS-1			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				





**DETAIL OF DETECTOR LOOP WIRING**  
WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA				
U.S. 136 / IL. 1 & Newell Rd.				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1-3	6	6	4	
A4	6	6	5	
A5	6	6	6	
B1-3	6	6	4	
B4-5	6	6	4	
B6-7	6	6	6	

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1, A2, A3), (A4), (A5), (B1, B2, B3), (B4, B5), (B6, B7)

**DETECTOR LOOP, TYPE 1**  
IL. 1 & Newell Rd. 618 FT.

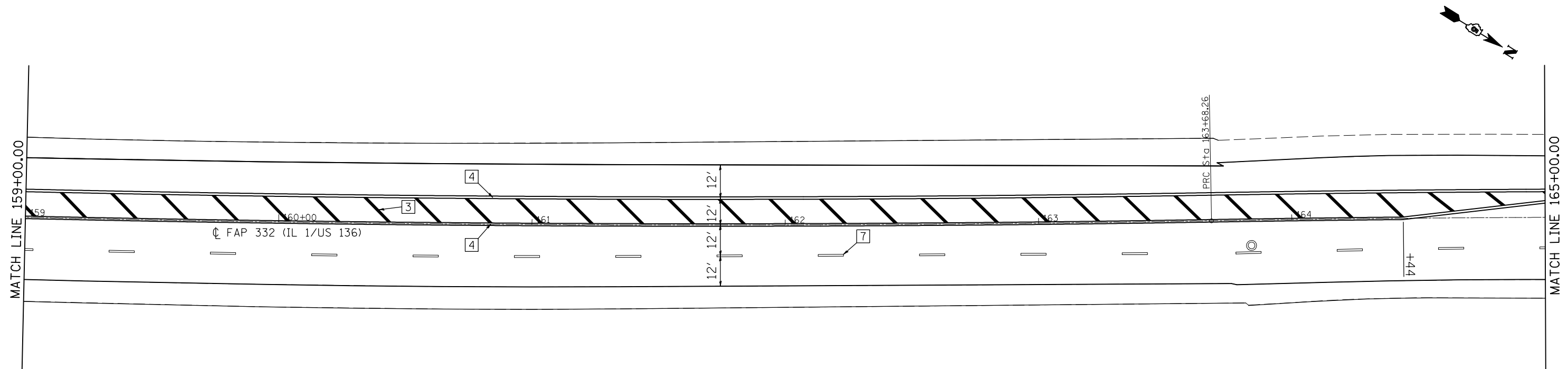
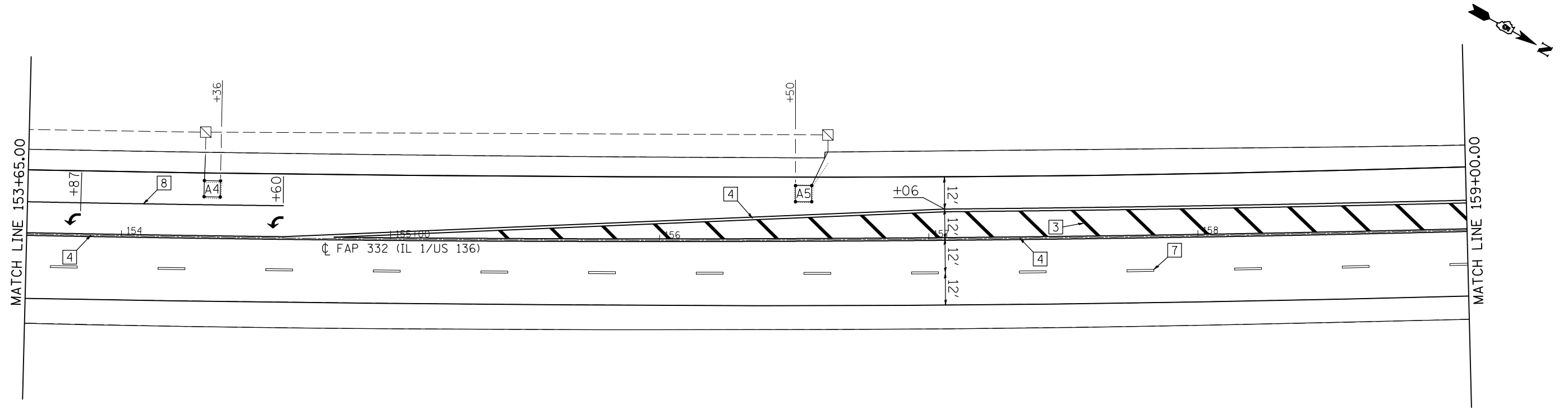
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2010	DATE -	REVISED -

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

**PAVEMENT MARKING & DETECTOR LOOP DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		VERMILION	86	77
* (48-X1)RS&(48-X2,RX,RX-1)RS-1			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				



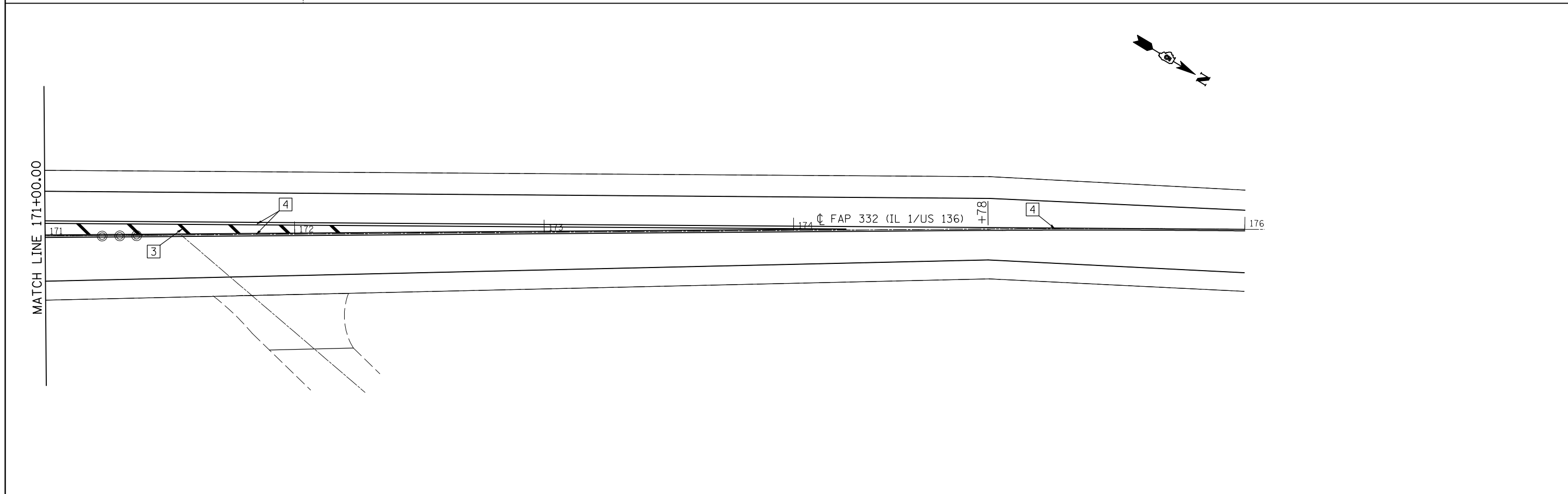
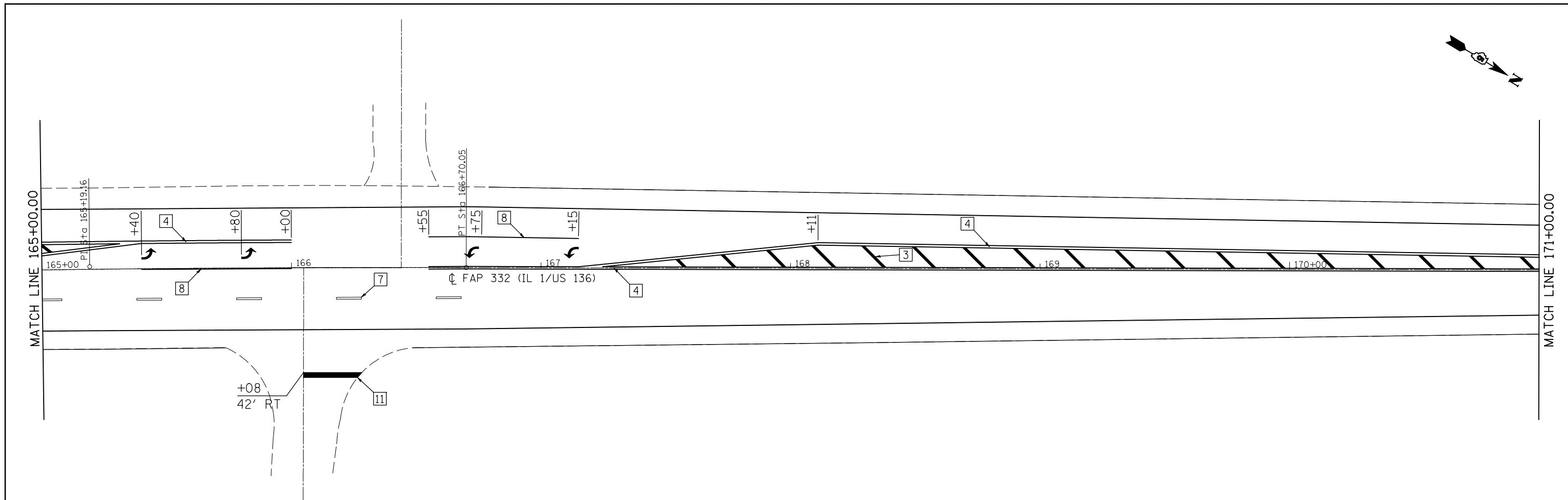
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		CHECKED -	REVISED -
		DATE -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

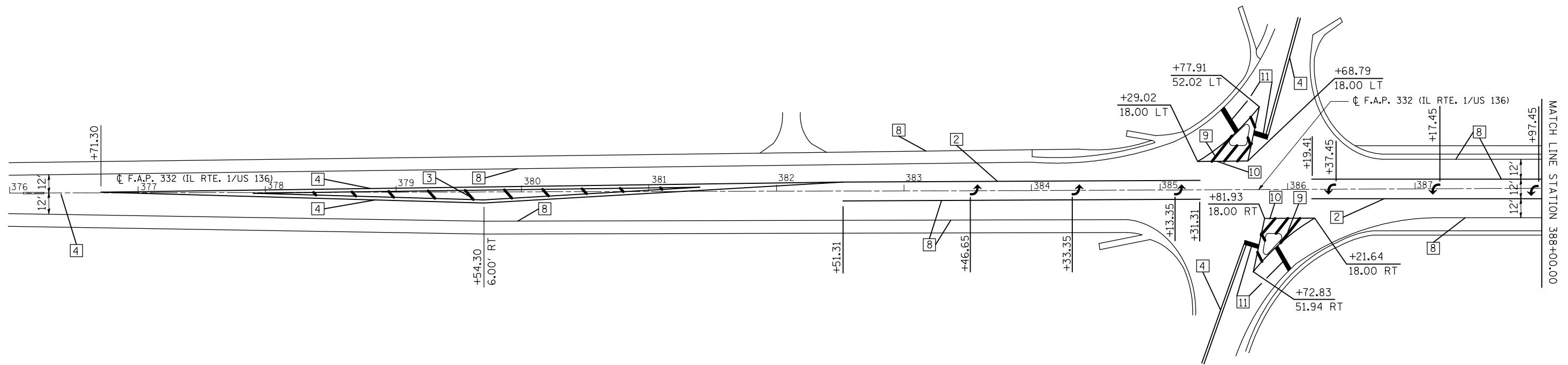
**PAVEMENT MARKING &  
DETECTOR LOOP DETAILS**

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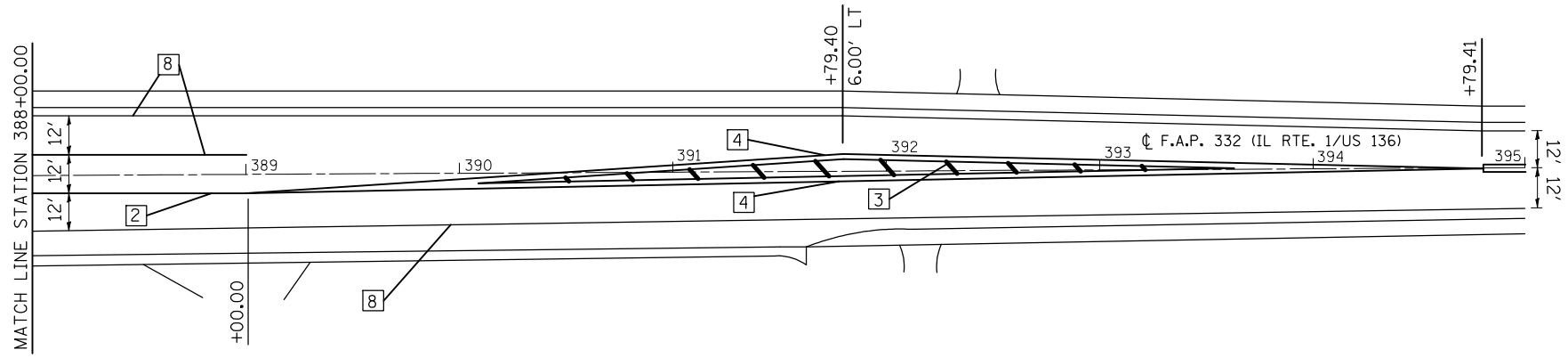
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		VERMILION	86	78
• (48-X1)RS&(48-X2,RX,RX-1)RS-1			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				



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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -					332	*	VERMILION	86	79
PLOT DATE = 1/27/2010	DATE -	REVISED -	REVISED -		SCALE:      SHEET NO.    OF    SHEETS    STA.            TO STA.			* (48-X1)RS&(48-X2,RX,RX-1)RS-1		CONTRACT NO. 70124		
							ILLINOIS FED. AID PROJECT					

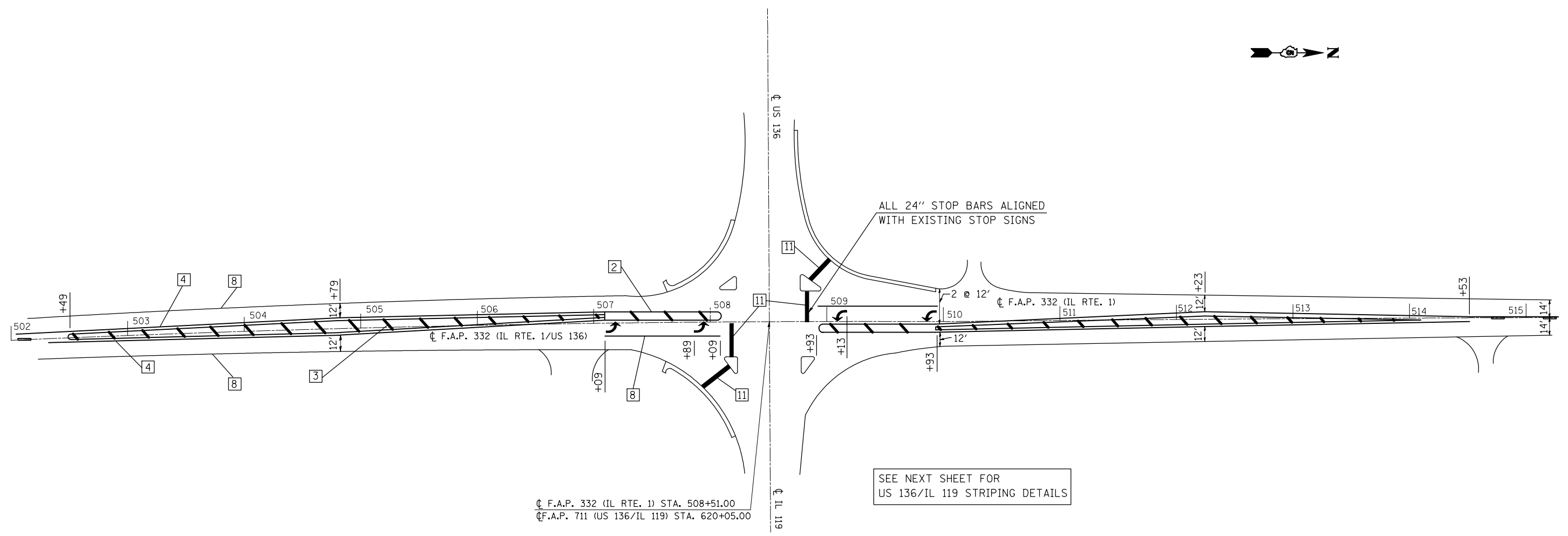


MATCH LINE STATION 388+00.00



NOT TO SCALE

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PLOT DATE = 1/27/2010	CHECKED -	REVISED -	SCALE:      SHEET NO.      OF      SHEETS      STA.      TO      STA.				CONTRACT NO.		ILLINOIS FED. AID PROJECT				
	DATE -	REVISED -											



☐ F.A.P. 332 (IL RTE. 1) STA. 508+51.00  
 ☐ F.A.P. 711 (US 136/IL 119) STA. 620+05.00

SEE NEXT SHEET FOR  
US 136/IL 119 STRIPING DETAILS

NOT TO SCALE

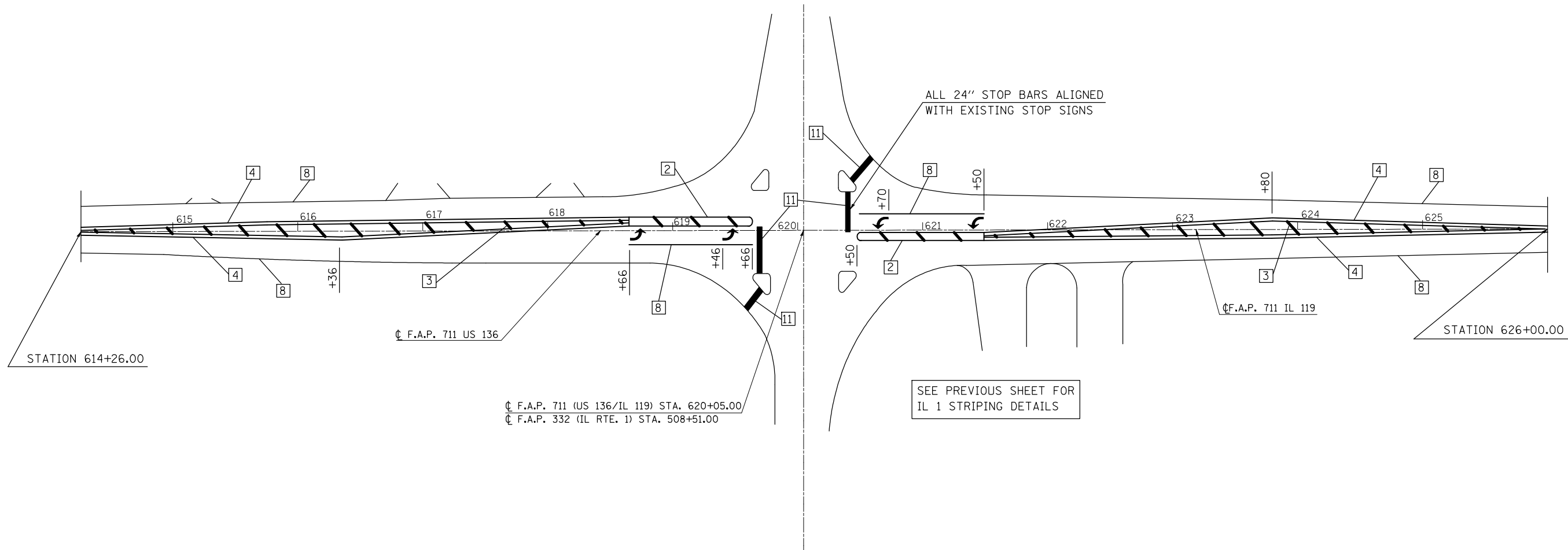
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PLOT DATE = 1/27/2010		DATE -	REVISED -

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

**PAVEMENT MARKING DETAILS**

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

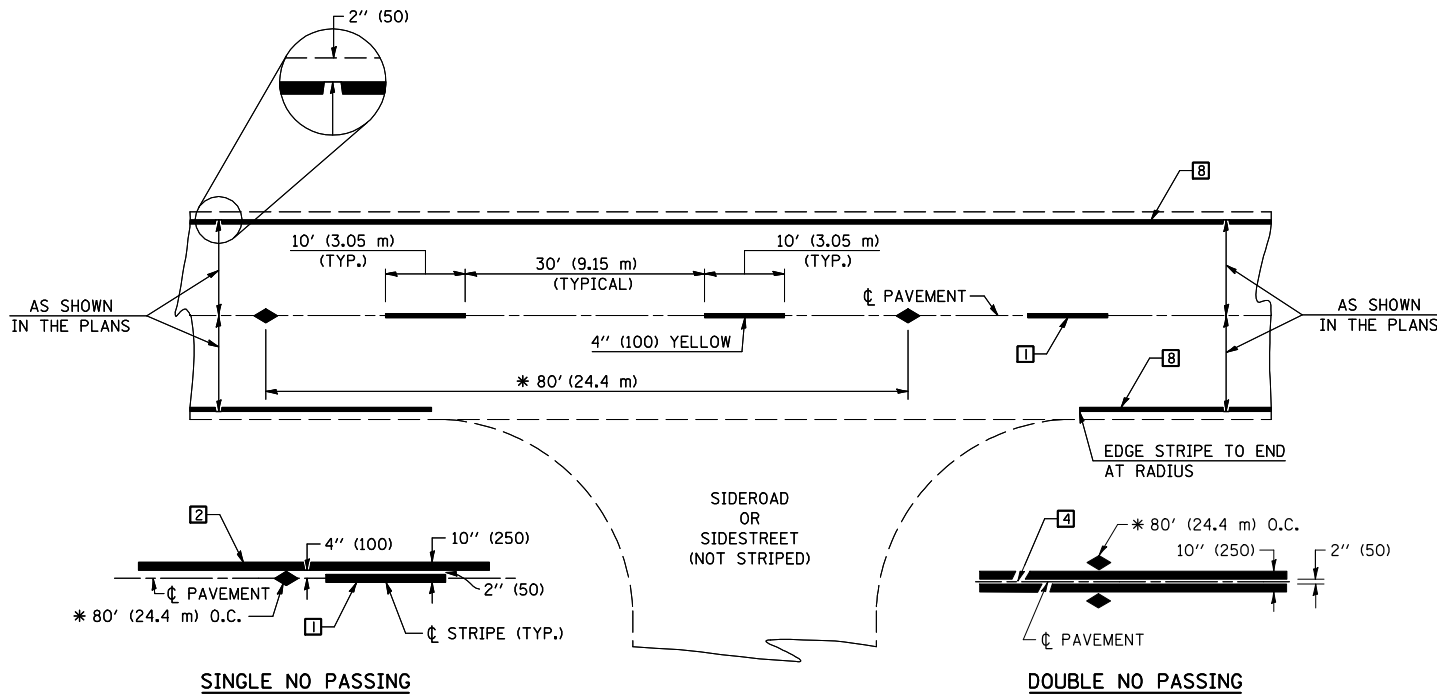
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		VERMILION	86	81
• (48-X1)RS&(48-X2,RX,RX-1)RS-1		CONTRACT NO.	70124	
ILLINOIS FED. AID PROJECT				



SEE PREVIOUS SHEET FOR  
IL 1 STRIPING DETAILS

NOT TO SCALE

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	PLOT SCALE = 80.0000' / IN.	DRAWN -	REVISED -						332	*	VERMILION	86	82
PLOT DATE = 1/27/2010	CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.				* (48-1)RS&(48-X2,RX,RX-1)RS-1						
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT CONTRACT NO. 70124						



\* 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**

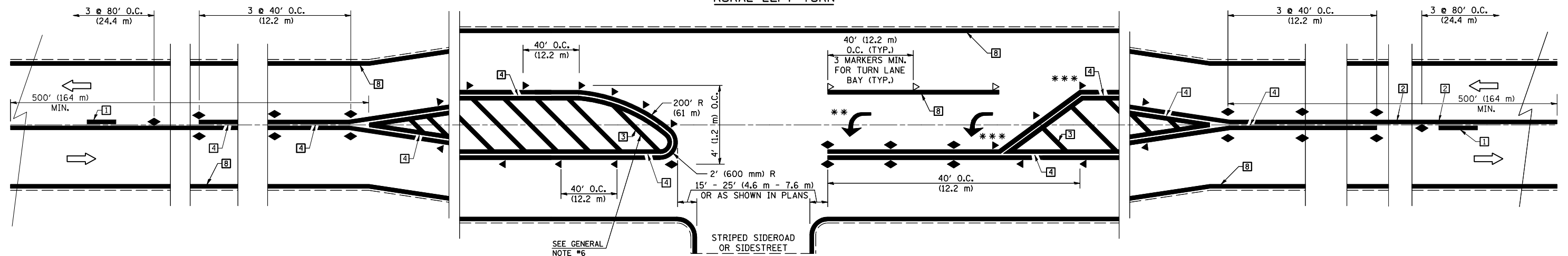
**TYPICAL PAVEMENT MARKING LEGEND**

- 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.

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

**DISTRICT 5 DETAIL NO. 7800AAA**

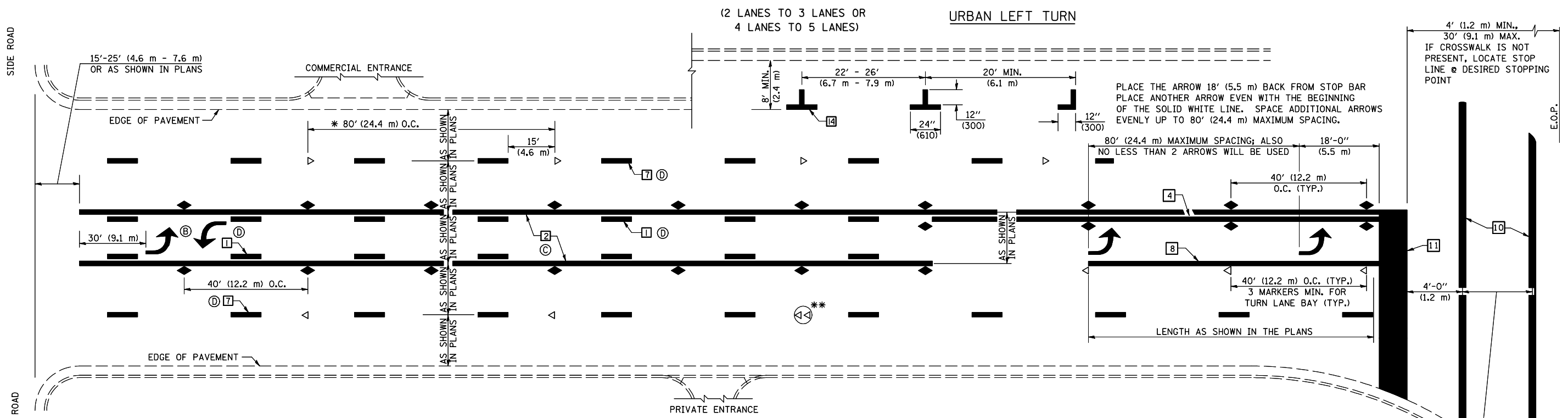
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	83
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70124	

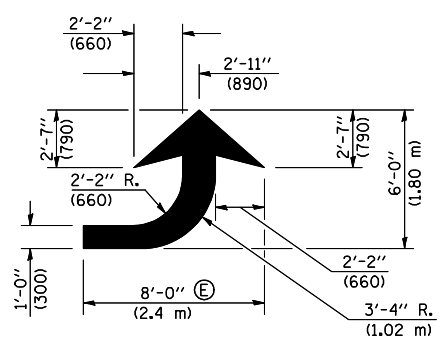


\* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

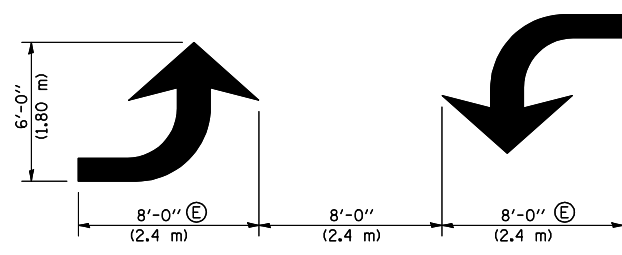
**GENERAL NOTES:**

- Ⓑ 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)



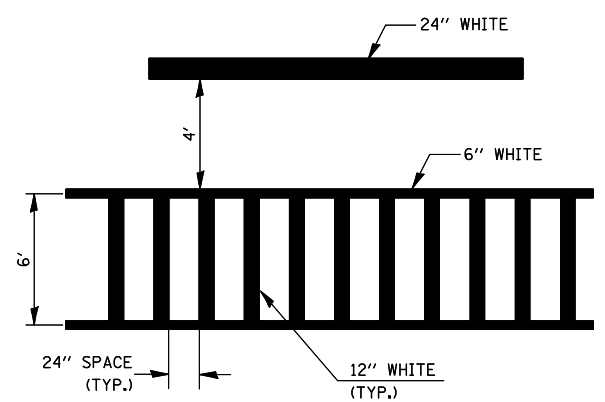
**LEFT ARROW**

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

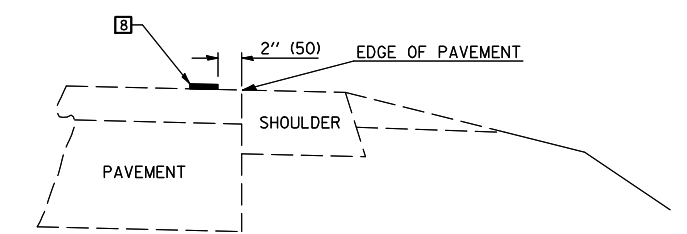


**TYPICAL DOUBLE TURN ARROWS (WHITE)**

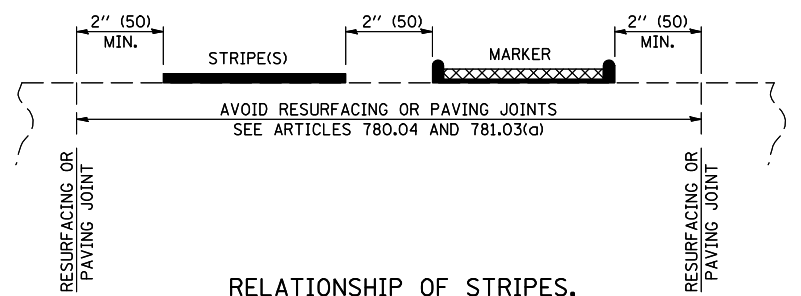
**BLOOMINGTON-NORMAL CITY LIMITS ONLY**



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**



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



**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.  
\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

**DISTRICT 5 DETAIL NO. 7800AAA**

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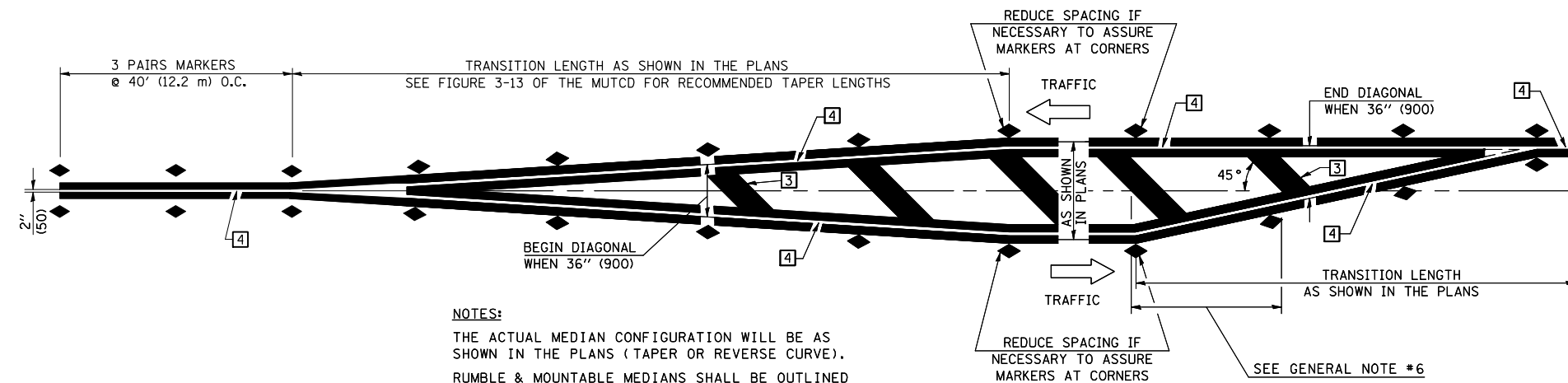
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	84
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70124	



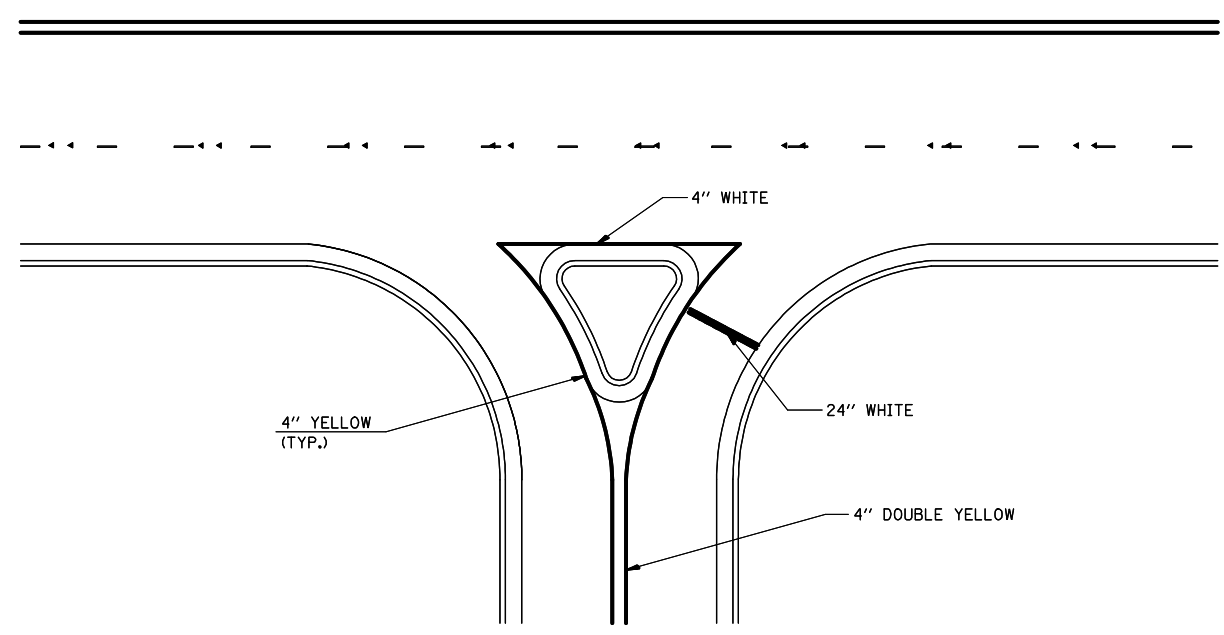


**NOTES:**  
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).  
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

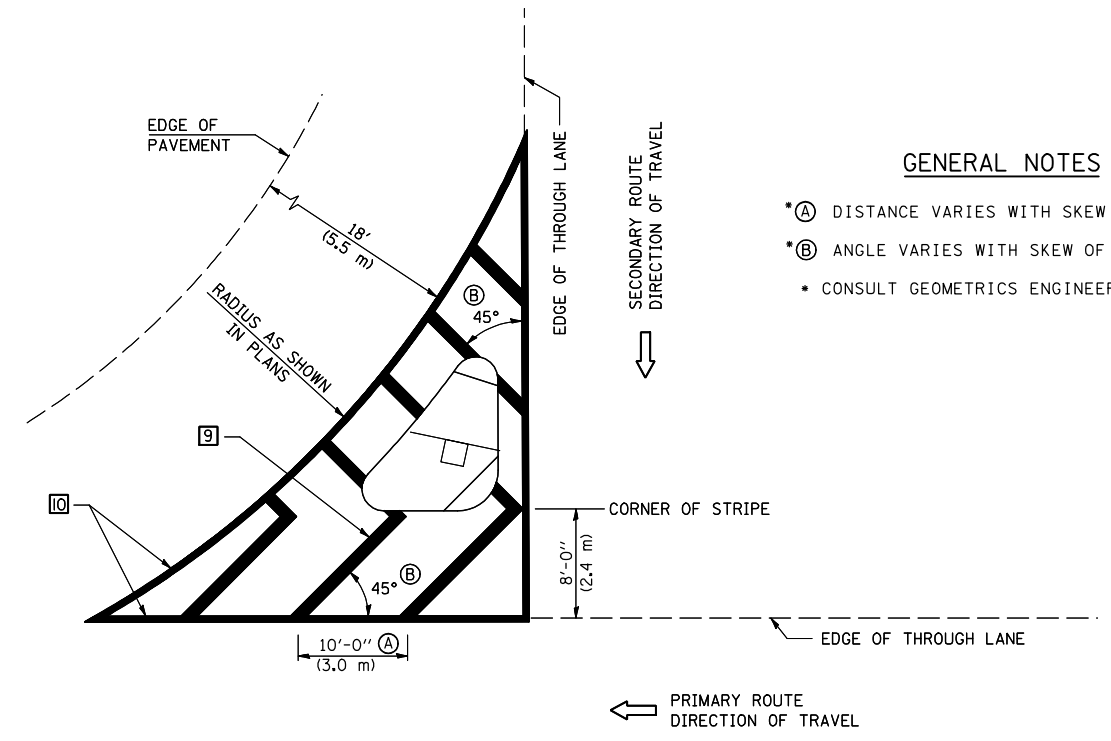
**TYPICAL MEDIAN TRANSITIONS**

**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.  
 \*(48-X)IRS&(48-X)2,RX,RX-1RS-1

**DISTRICT 5 DETAIL NO. 7800AAA**

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PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISOR -	DATE -
PLOT DATE = 1/26/2010	DATE -	REVISOR -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

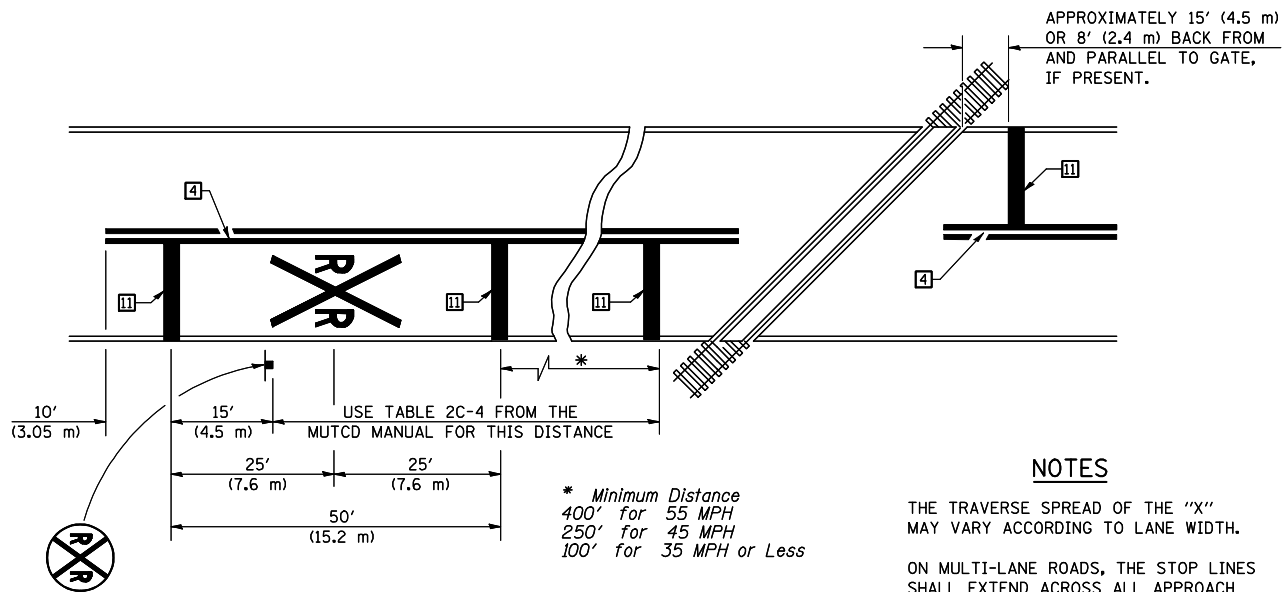
**PAVEMENT MARKING AND MARKERS  
 (RURAL & URBAN APPLICATIONS)**

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	85
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70124	

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

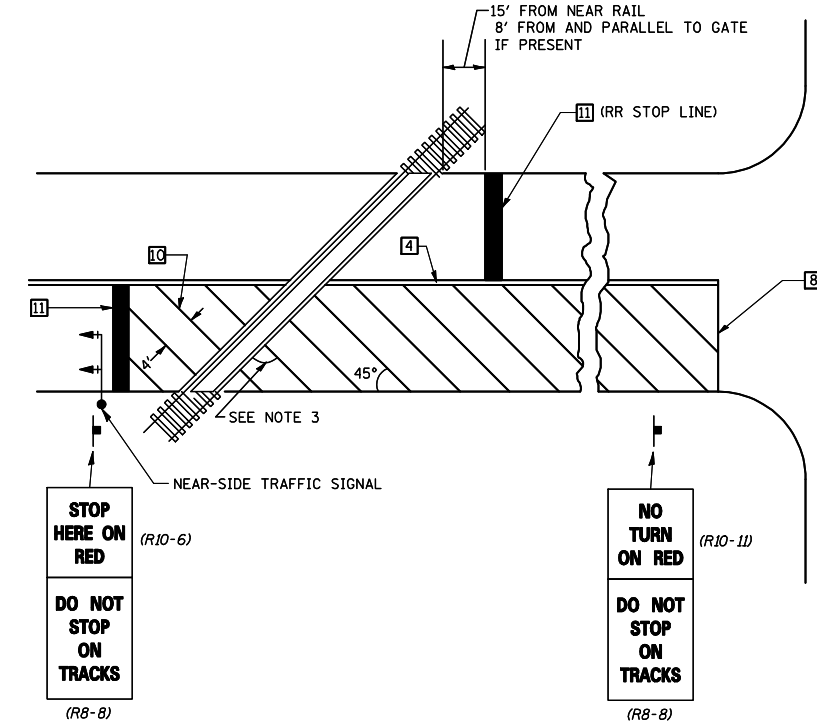
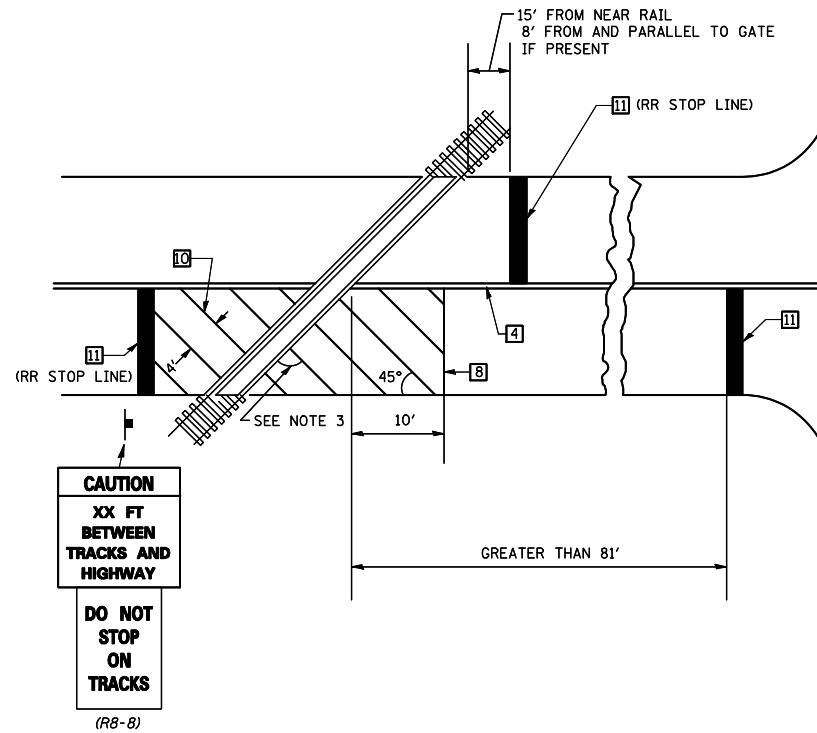
APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

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.

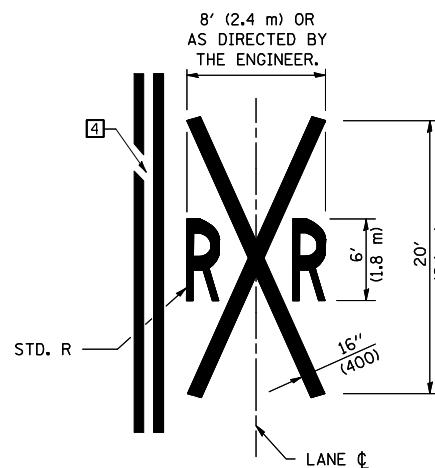
\* Minimum Distance  
400' for 55 MPH  
250' for 45 MPH  
100' for 35 MPH or Less



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.

\*(48-X1)RS&(48-X2,RX,RX-1)RS-1

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = bowerml	DESIGNED -	REVISED - 11/06
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	86
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70124	