

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

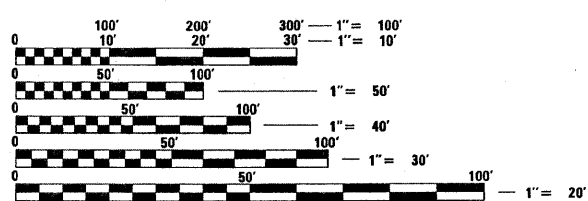
FAP 840 IL-50 (GOVERNORS HWY)  
LOCATION 1: KENNEDY RD. TO KANKAKEE CO LINE  
LOCATION 2: PAULING RD. TO ICC RR  
SECTION: 141 RS-4  
PROJECT: *ESP-0840(063)*  
RESURFACING (3P)  
WILL COUNTY

C-91-756-09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	141 RS-4	WILL	15	1
		ILLINOIS	CONTRACT NO. 60H58	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE VILLAGES OF MONEE & PEOTONE

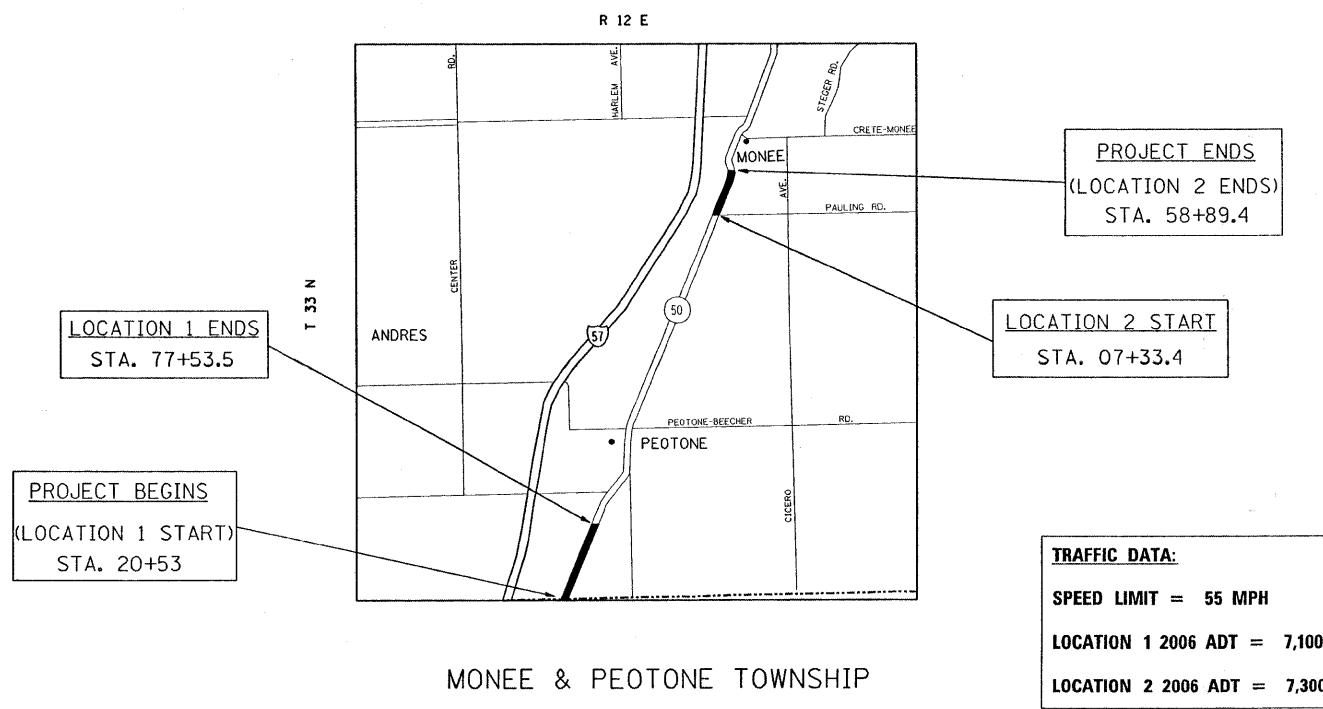


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

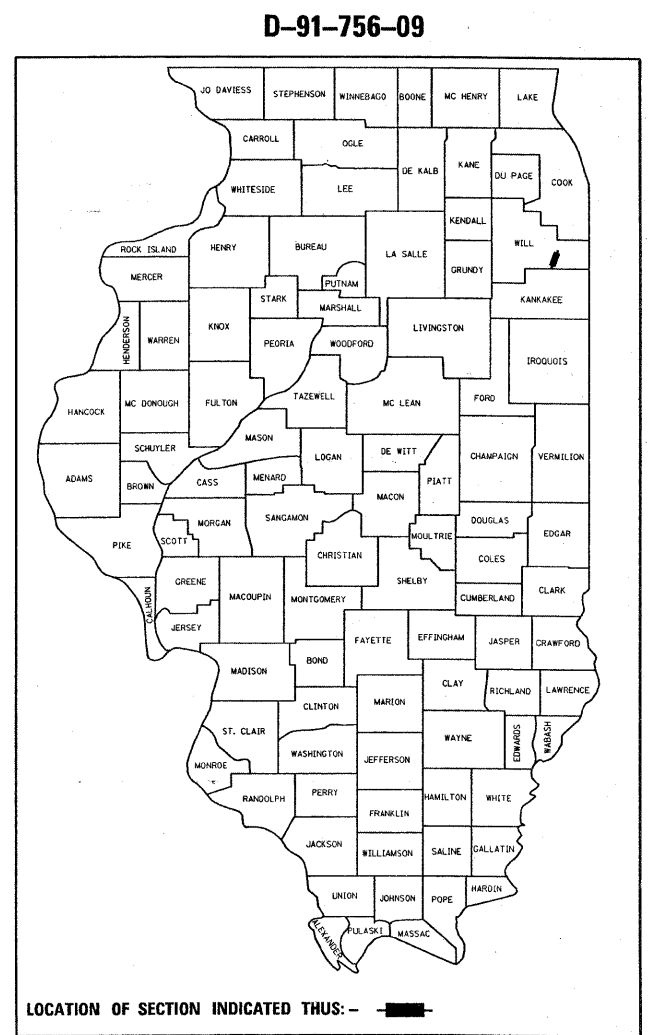
PROJECT ENGINEER: JENPAI CHANG (847) 705-4432  
PROJECT MANAGER: KEN ENG (847) 705-4247

CONTRACT NO. 60H58



GROSS AND NET LENGTH = 10,856.5 FT. = 2.06 MILE

TRAFFIC DATA:  
SPEED LIMIT = 55 MPH  
LOCATION 1 2006 ADT = 7,100  
LOCATION 2 2006 ADT = 7,300



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED JUNE 30 2009  
Diana M. O'Keefe DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
August 14, 2009  
Charles J. Ingersoll ENGINEER OF DESIGN AND ENVIRONMENT  
August 14, 2009  
Christine M. Reed DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

## INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS, STATE STANDARDS, & GENERAL NOTES
3. SUMMARY OF QUANTITIES
4. TYPICAL SECTION
- 5-9. ROADWAY & PAVEMENT MAKING PLANS
10. PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
11. BUTT JOINT AND HMA TAPER DETAILS
12. TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
13. TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
14. DISTRICT ONE TYPICAL PAVEMENT MARKINGS
15. ARTERIAL ROAD INFORMATION SIGN

## STATE STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS, & PATTERNS
- 442201-03 CLASS C & D PATCHES
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 701101-02 OFF ROAD OPERATIONS, MULTILANE, 15' TO 2'  
FROM PAVEMENT EDGE
- 701421-02 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY  
FOR SPEEDS > 45 TO 55 MPH
- 701426-03 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING  
OPERATION, FOR SPEEDS > 45 MPH
- 701901-01 TRAFFIC CONTROL DEVICES

## GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)

10' (3M) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB & GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF PEOTONE.

CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2" (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80KM/H) OR LESS AND 1" (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3" (75MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED AT A MINIMUM 1:3 (V:H).

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET, WHICH IS INCLUDED IN THE PLANS. UNLESS OTHERWISE SPECIFIED.

THE RESIDENT ENGINEER SHOULD CONTACT CORA MATHIS, AREA TRAFFIC FIELD ENGINEER, AT (815) 485-6475 PRIOR TO INSTALLING ANY PERMANENT PAVEMENT MARKING.

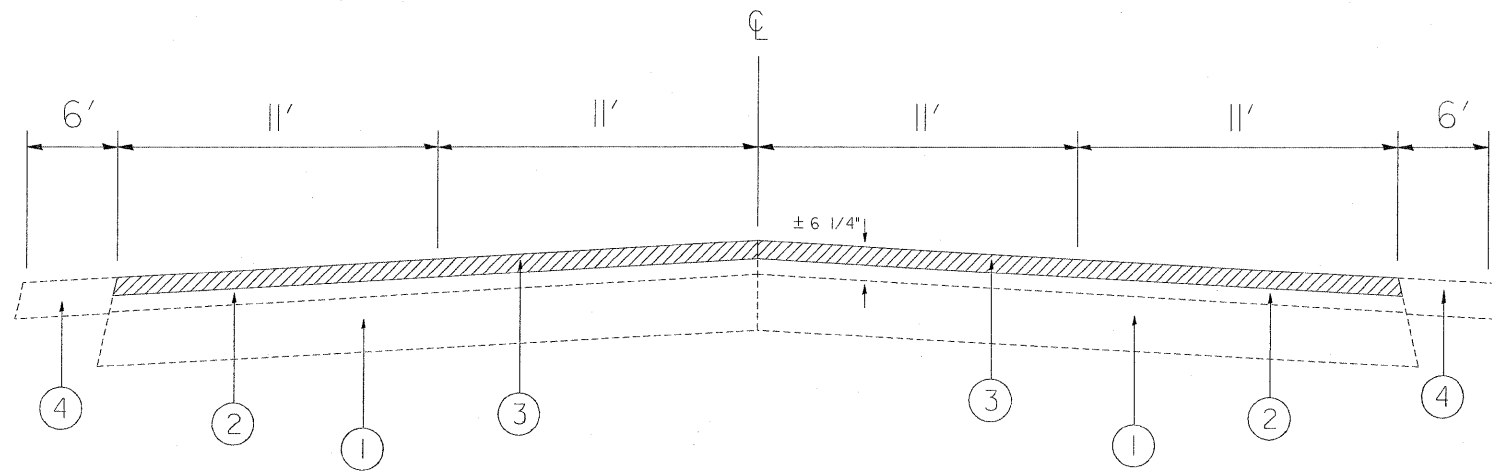
THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

FILE NAME = e:\p\work\PWID01\MOSSE\0142734\0175809-shit-plan.dgn	USER NAME = mosse	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STATE STANDARDS, &amp; GENERAL NOTES</b>	F.A.P. RTE. 840	SECTION 141 RS-4	COUNTY WILL	TOTAL SHEETS 15	SHEET NO. 2
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 60H58		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 6/30/2009	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE							
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	LOCATION						CODE NO	ITEM	UNIT	TOTAL QUANTITIES	LOCATION					
				1000	1000									1000	1000				
20101200	TREE ROOT PRUNING	EACH	40		40														
20201006	GRADING AND SHAPING SHOULDERS	UNIT	223	117	106														
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	44	23	21														
40600300	AGGREGATE (PRIME COAT)	TON	222	116	106														
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	23	12	11														
40600895	CONSTRUCTING TEST STRIP	EACH	2	1	1														
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	90	45	45														
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4668	2450	2218														
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	53887	28250	25637														
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	746	234	512														
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	304	112	192														
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	1658	1082	576														
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	447	235	212														
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3														
67100100	MOBILIZATION	L SUM	1	.5	.5														
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	.5	.5														
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	18160	9500	8660														
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	45898	24420	21478														
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	50	50															
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	6054	3167	2887														
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	45898	24420	21478														
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	50	50															
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1130	600	530														
*78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3		3														
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	985	535	450														
X0322256	TEMPORARY INFORMATION SIGNING	SO FT	102.8	51.4	51.4														
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), 1L-4.75, N50	TON	2185	1145	1040														
20076600	TRAINEES	HOUR	500	500															
			* SPECIALTY ITEM @ Y080																

## LEGEND

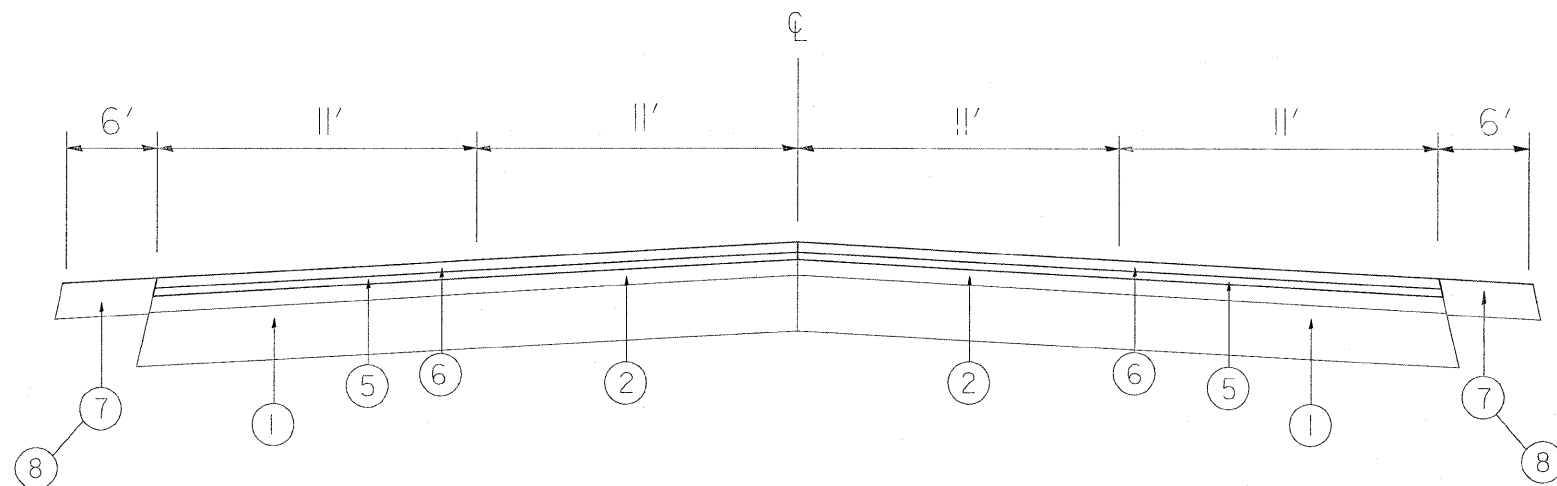
- ① EXISTING PCC BASE COURSE ±9"
- ② EXISTING HMA SURFACE, ±4"
- ③ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ④ EXISTING AGGREGATE SHOULDERS
- ⑤ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑥ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2 "
- ⑦ PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑧ PROPOSED GRADING & SHAPING SHOULDERS



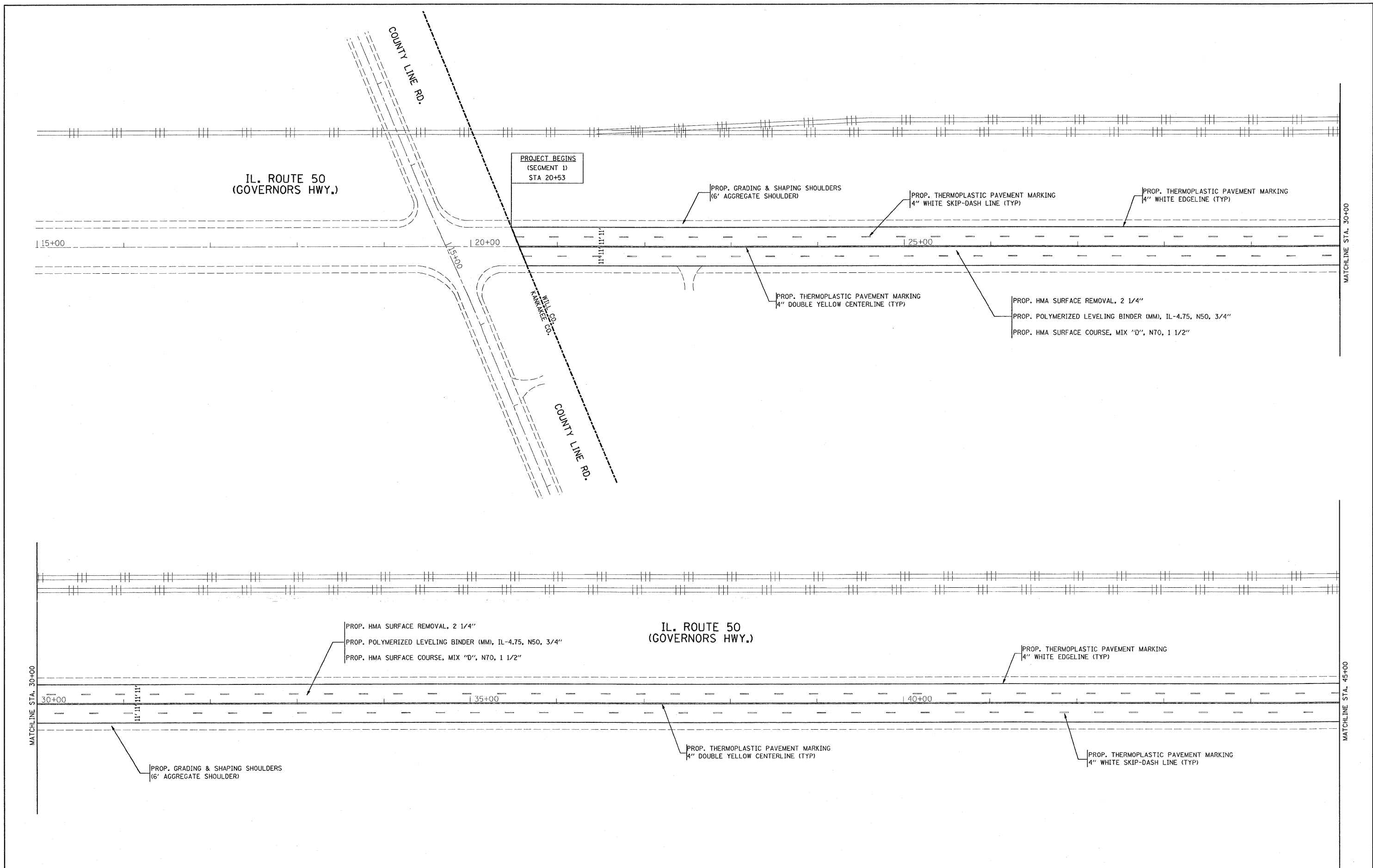
IL 50 (GOVERNORS HIGHWAY)  
EXISTING TYPICAL SECTION

MIXTURE REQUIREMENTS		
MIXTURE USES	AC / PG	DESIGN AIR VOIDS
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	SBS/SBR PG76-28/-22	4% AT 50 GYRATIONS
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	PG 64-22	4% AT 70 GYRATIONS
CLASS D PATCHING (Binder IL-19mm)	PG 64-22*	4% AT 70 GYRATIONS

- \* THE UNIT WEIGHT USED TO CALCULATE ALL SURFACE MIXTURE QUANTITY IS 112 LBS/SY/IN
- \* "WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PC 58 -22"
- \* IN ACCORDANCE WITH THIS PROJECT, THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING



IL 50 (GOVERNORS HIGHWAY)  
PROPOSED TYPICAL SECTION



FILE NAME =	USER NAME = mossse	DESIGNED -	REVISED -
c:\pwork\pwork\dot\mossse\0142734\017569\shp\plan.dgn		DRAWN -	REVISED -
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 6/30/2009		DATE -	REVISED -

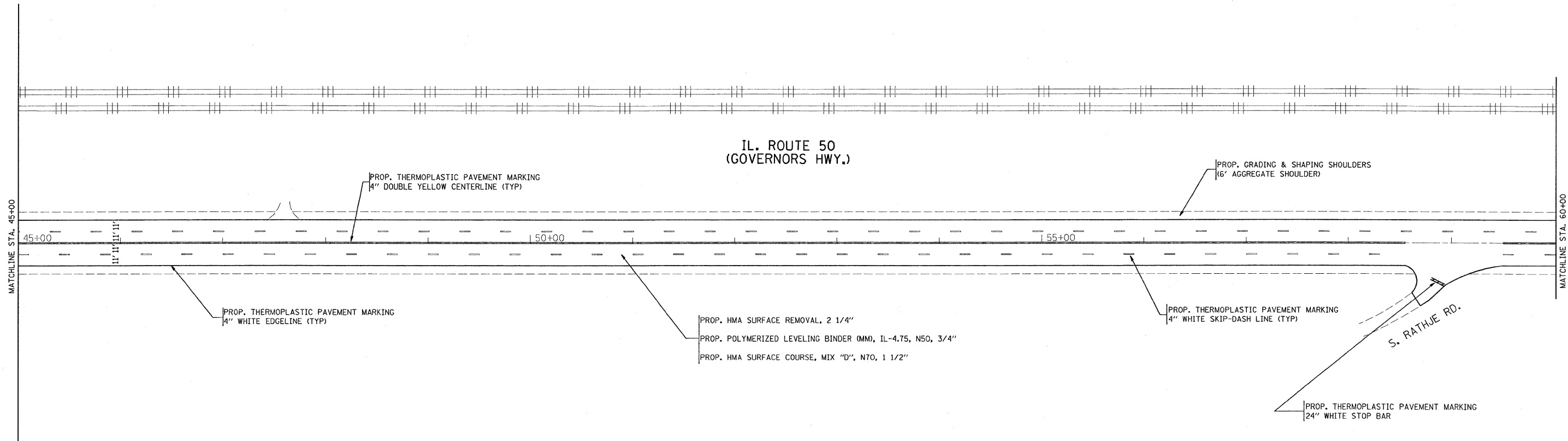
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN  
IL. ROUTE 50 (GOVERNORS HWY) KANKAKEE CO. LINE - KENNEDY RD.**

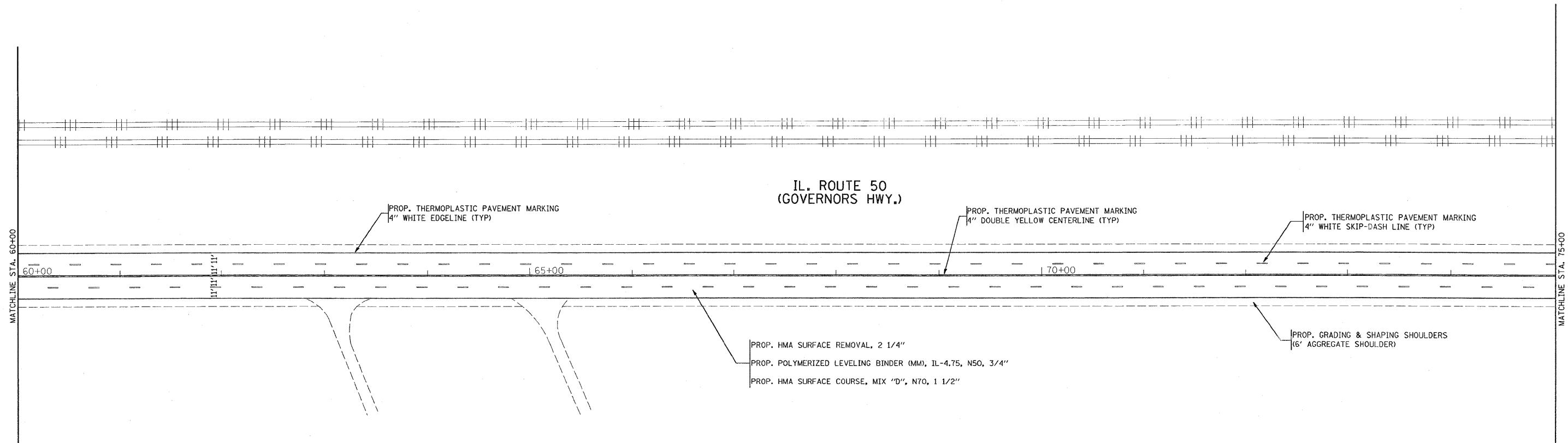
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	141 RS-4	WILL	15	5
CONTRACT NO. 60H58				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50'    SHEET NO.    OF    SHEETS    STA.    TO STA.

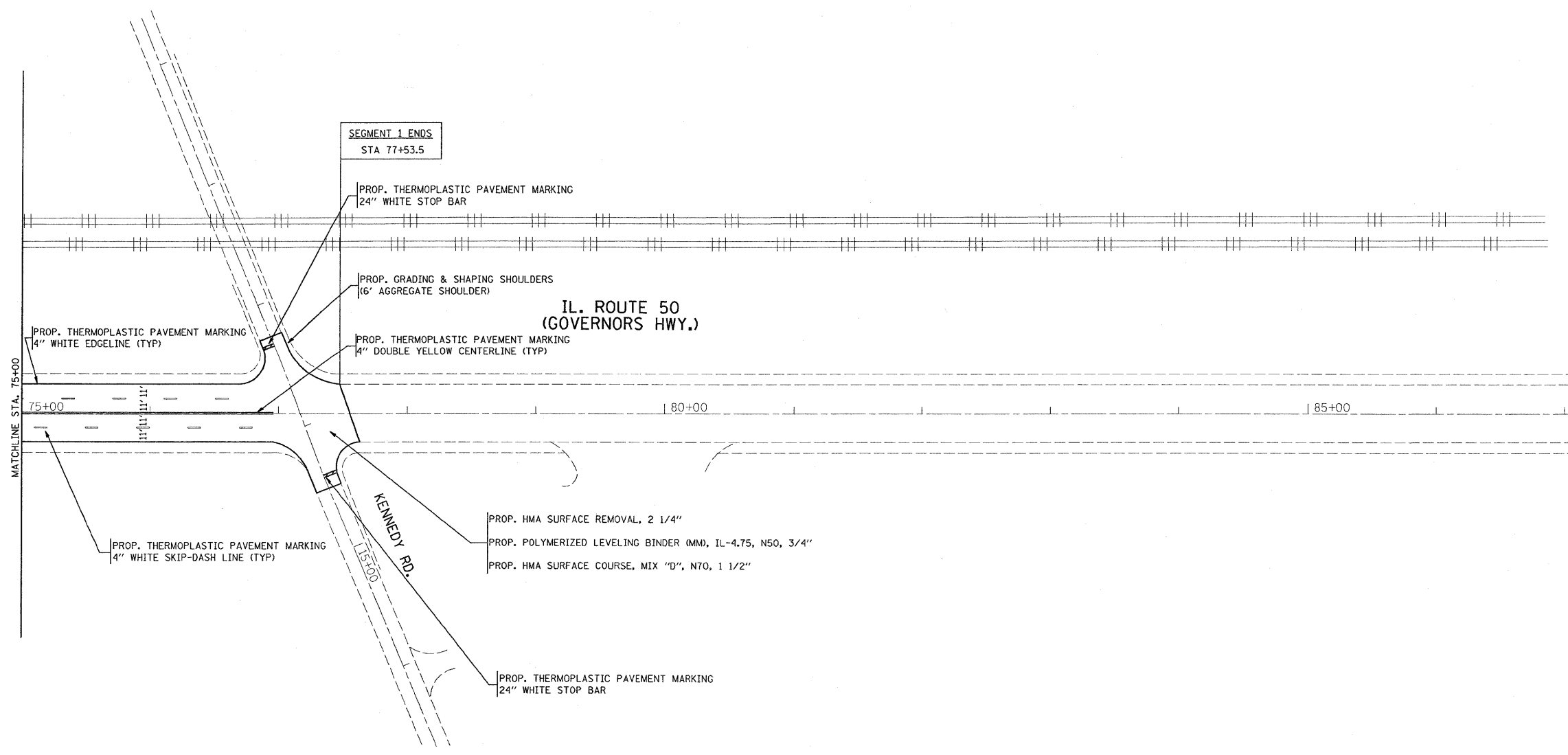
IL. ROUTE 50  
(GOVERNORS HWY.)



IL. ROUTE 50  
(GOVERNORS HWY.)



FILE NAME =	USER NAME = mossse	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY AND PAVEMENT MARKING PLAN</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es\pwwork\pwwid\mossse\dl142734\0175669-shd-plan.dgn		DRAWN -	REVISED -		<b>IL. ROUTE 50 (GOVERNORS HWY) KANKAKEE CO. LINE - KENNEDY RD.</b>			840	141 RS-4	WILL	15	6
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60H58		
PLOT DATE = 6/30/2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



SEGMENT 1 ENDS  
STA 77+53.5

PROP. THERMOPLASTIC PAVEMENT MARKING  
24" WHITE STOP BAR

PROP. GRADING & SHAPING SHOULDERS  
(6' AGGREGATE SHOULDER)

IL. ROUTE 50  
(GOVERNORS HWY.)

PROP. THERMOPLASTIC PAVEMENT MARKING  
4" DOUBLE YELLOW CENTERLINE (TYP)

PROP. THERMOPLASTIC PAVEMENT MARKING  
4" WHITE EDGELINE (TYP)

75+00

80+00

85+00

MATCHLINE STA. 75+00

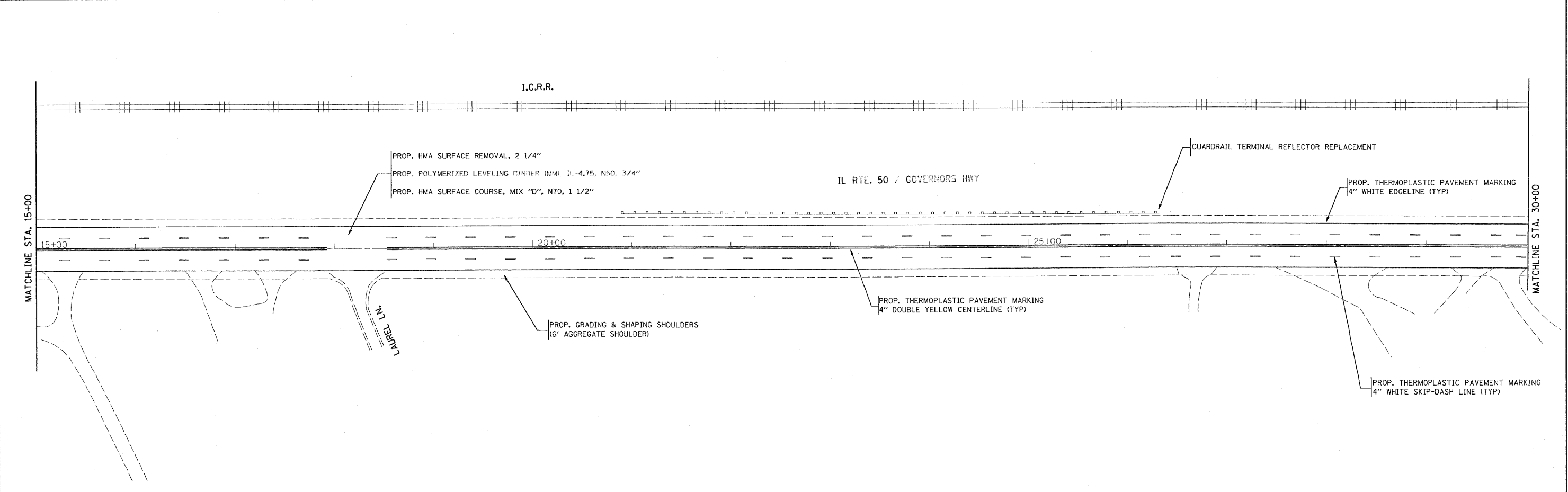
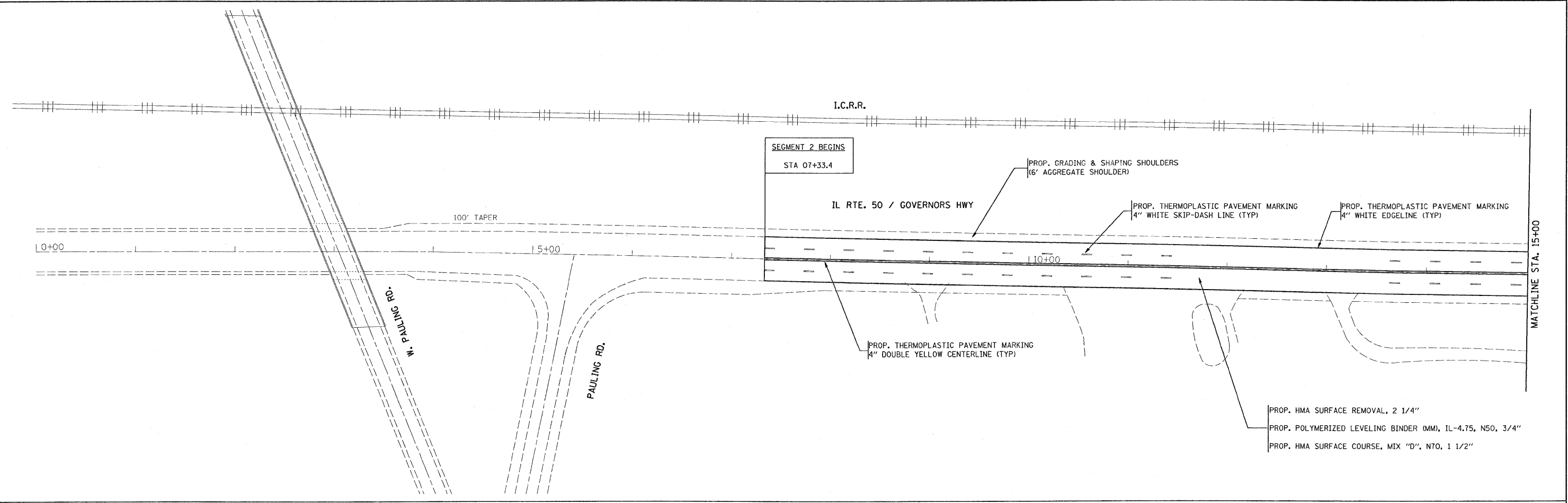
KENNEDY RD.  
15+00

PROP. HMA SURFACE REMOVAL, 2 1/4"  
PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"  
PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"

PROP. THERMOPLASTIC PAVEMENT MARKING  
4" WHITE SKIP-DASH LINE (TYP)

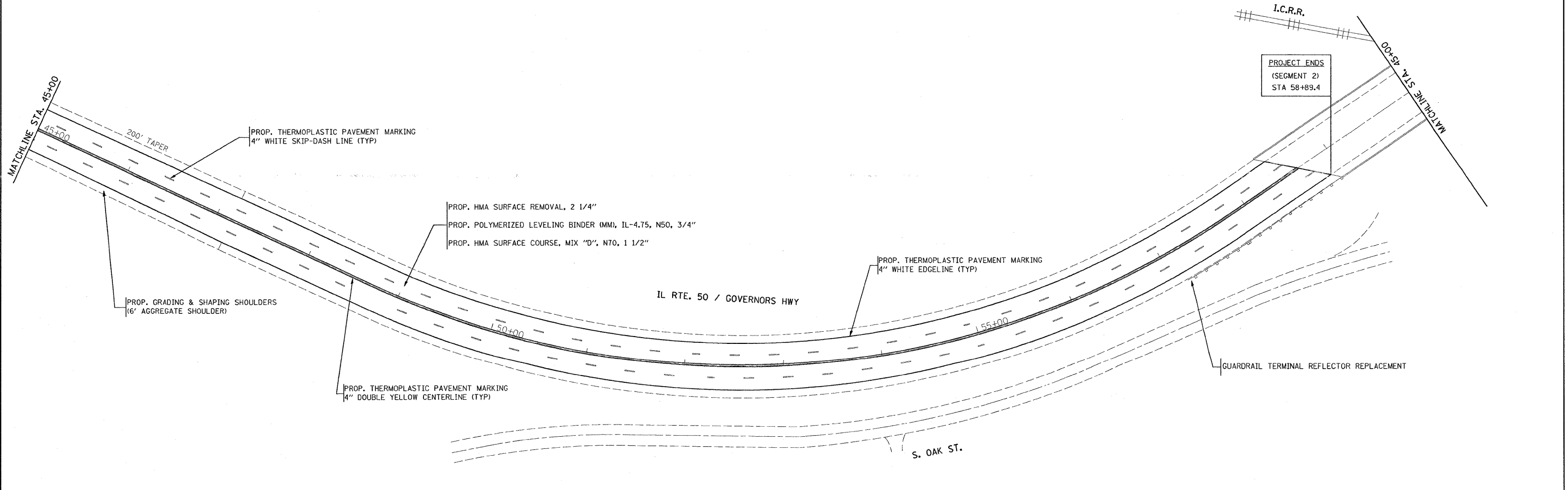
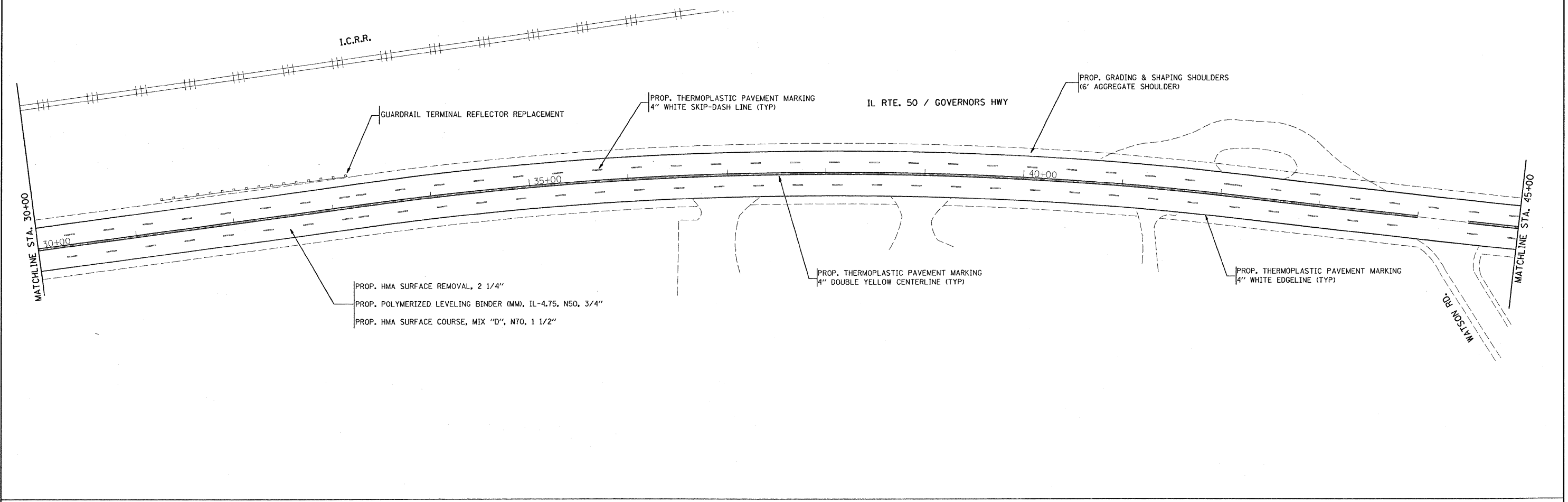
PROP. THERMOPLASTIC PAVEMENT MARKING  
24" WHITE STOP BAR

FILE NAME =	USER NAME = mossse	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY AND PAVEMENT MARKING PLAN IL. ROUTE 50 (GOVERNORS HWY) KANKAKEE CO. LINE - KENNEDY RD.</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pr_work\pridot\mossse\0142734\01756	9-shit-plan.dgn	DRAWN -	REVISED -			840	141 RS-4	WILL	15	7
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 60H58				
PLOT DATE = 6/30/2009		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: 1"=50'		SHEET NO. OF SHEETS		STA. TO STA.		



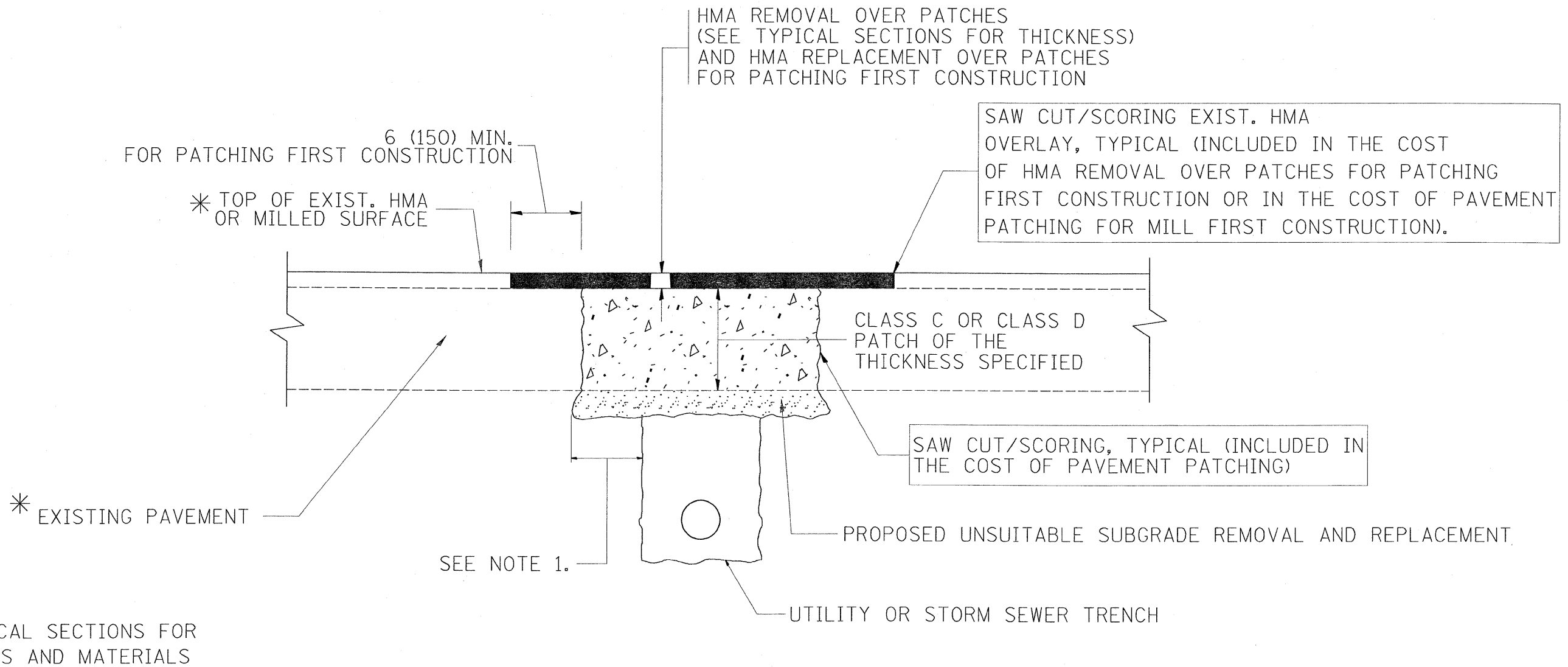
FILE NAME =	USER NAME = mossse	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILL. RTE. 50 PAULING RD. TO ICRR</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\mossse\d0142734\01756	9-shr-plan.dgn	DRAWN -	REVISED -			840	141 RS-4	WILL	15	8	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	SCALE: 1"=50'			SHEET NO. OF SHEETS	STA. 0+00 TO STA. 30+00	CONTRACT NO. 60H58			
PLOT DATE = 6/30/2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								





PROJECT ENDS  
 (SEGMENT 2)  
 STA 58+89.4

FILE NAME =	USER NAME = mosse	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILL. RTE. 50 PAULING RD. TO ICRR</b>			F.A.P. RTE. 840	SECTION 141 RS-4	COUNTY WILL	TOTAL SHEETS 15	SHEET NO. 9
at:\pw\work\pw\dot\mosse\08142734\017568\9-shit-plan.dgn	PLOT SCALE = 50,0000 ' / IN.	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA. 30+00	TO STA. 60+00	CONTRACT NO. 60H58	
	PLOT DATE = 6/30/2009	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

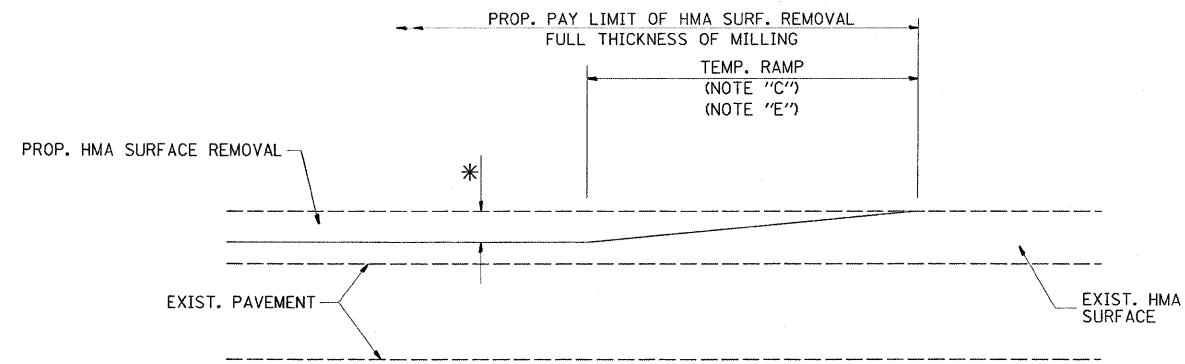
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

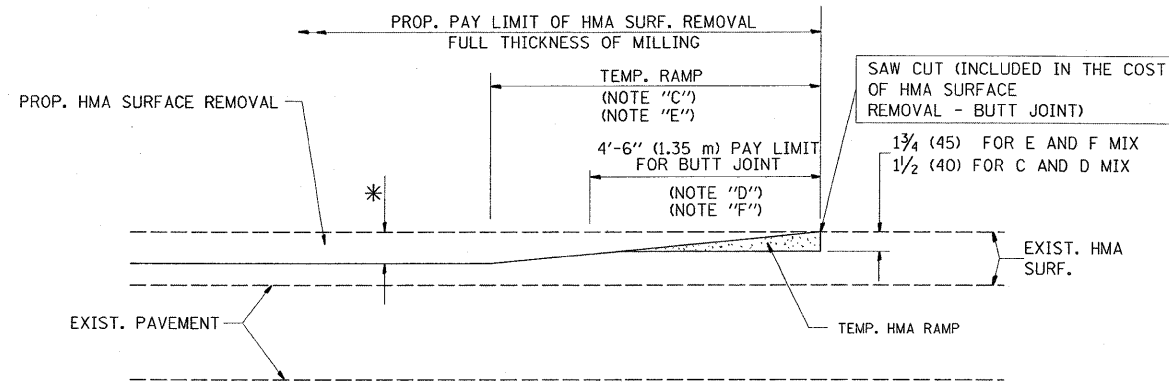
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = moss9e	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			F.A. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	CHECKED -	DATE - 10-25-94	REVISED - R. BORO 01-01-07					REVISED - R. BORO 09-04-07	REVISED - K. ENG 10-27-08	840	141 RS-4	WILL
PLOT SCALE = 50.0000' / IN.					SCALE: NONE			SHEET NO. 1 OF 1 SHEETS			STA. TO STA.	
PLOT DATE = 6/30/2009					BD400-04 (BD-22)			CONTRACT NO. 60H58				
							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



MILLED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

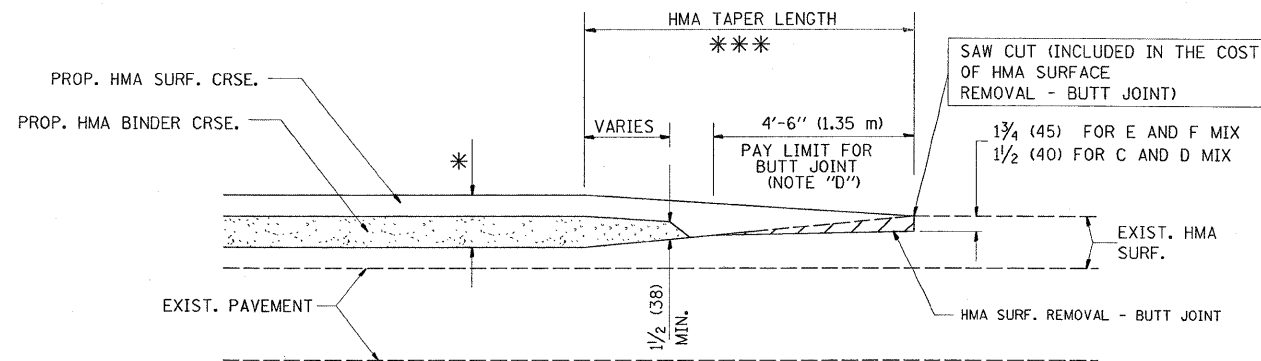
OPTION 1



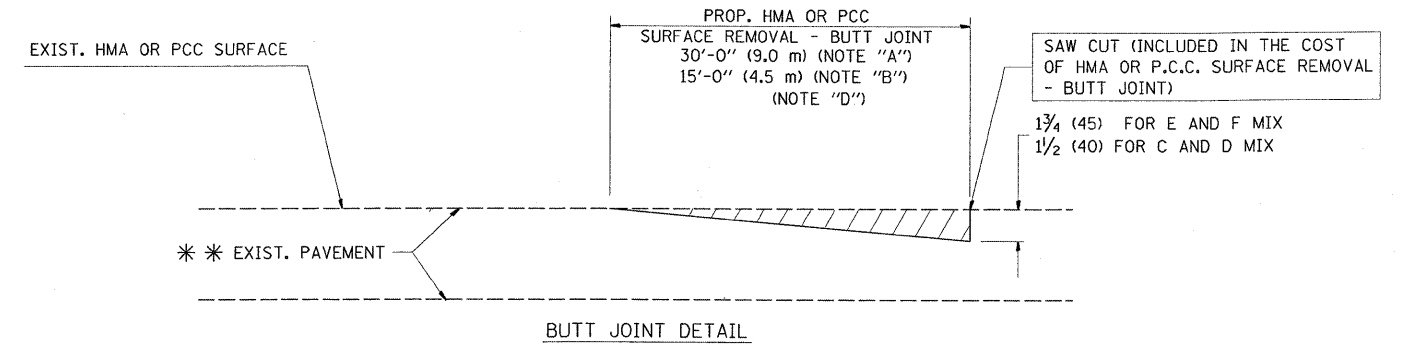
HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

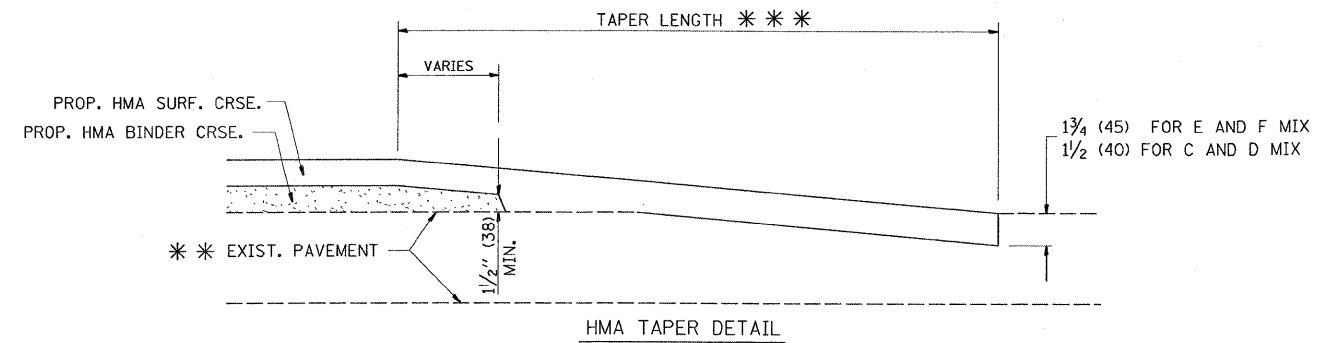
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

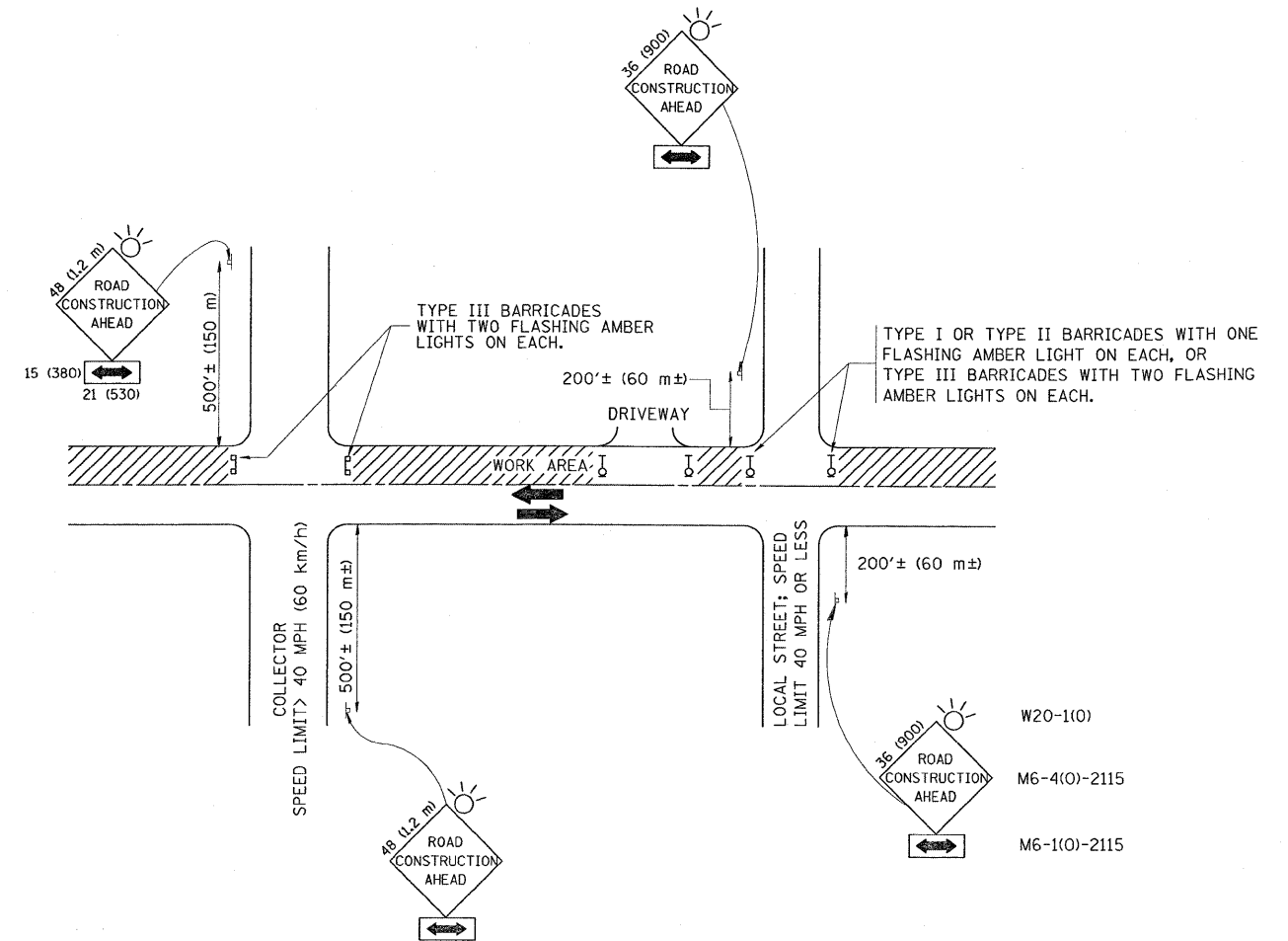
FILE NAME =	USER NAME = mossse	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
et:\pwork\pwork\WIDOT\MOSSSE\d8142734\Dist5	bd.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISOR - M. GOMEZ 04-06-01	
PLOT DATE = 6/30/2009	DATE - 06-13-90	REVISED - R. BORO 01-01-07	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
HMA TAPER DETAILS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	141 RS-4	WILL	15	11
BD400-05 BD32			CONTRACT NO. 60H58	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME =	USER NAME = mossse	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
en:\pwork\PIW\DOT\MOSSSE\d0142734\Draws\	ed.dgn	DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 6/30/2009	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

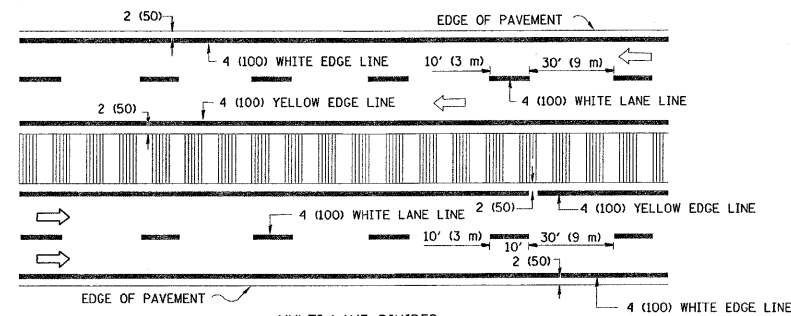
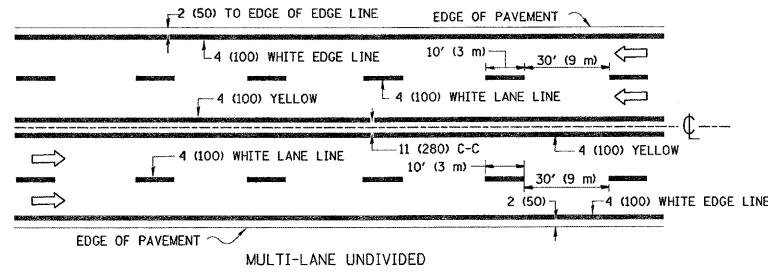
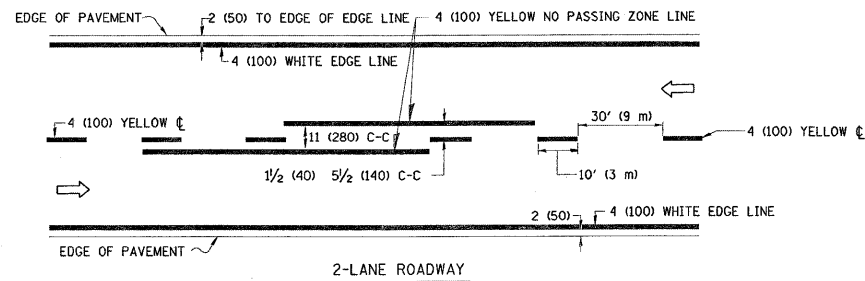
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

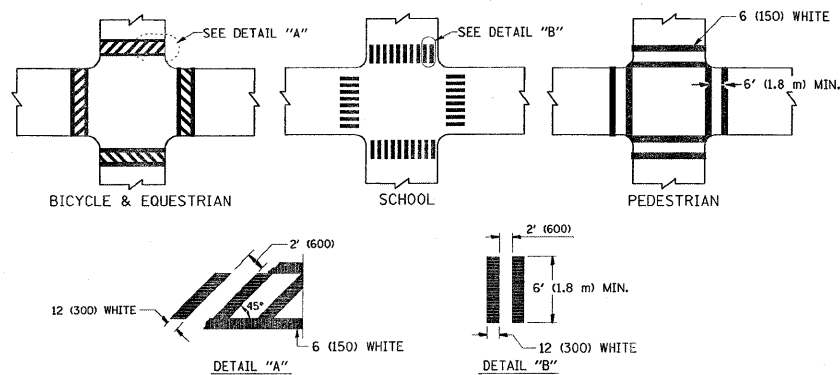
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	141 RS-4	WILL	15	12
TC-10			CONTRACT NO. 60H58	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



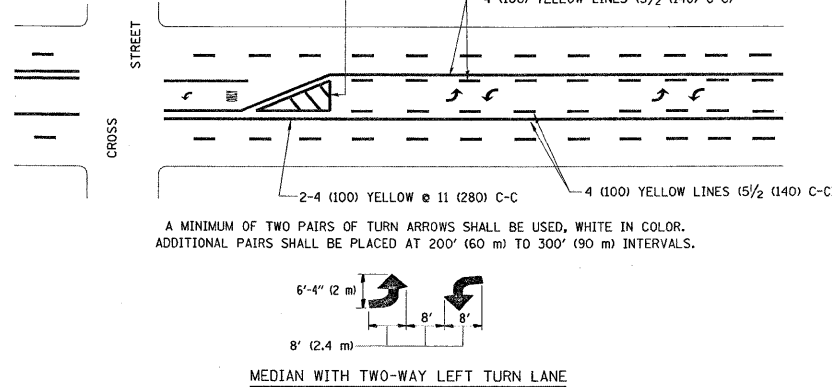
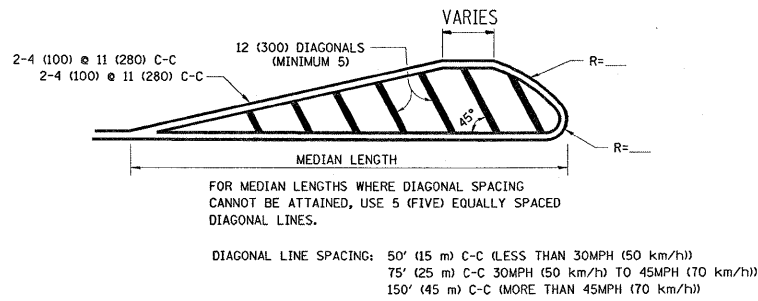
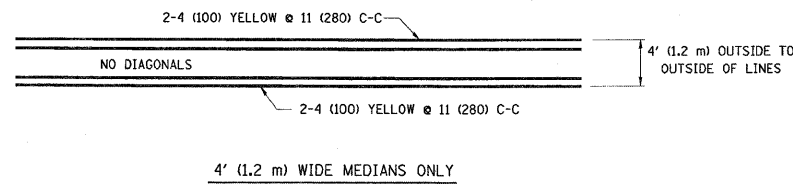


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

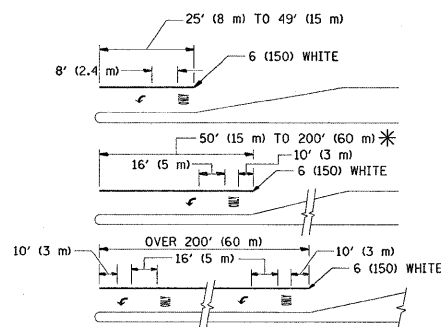
**TYPICAL LANE AND EDGE LINE MARKING**



**TYPICAL CROSSWALK MARKING**



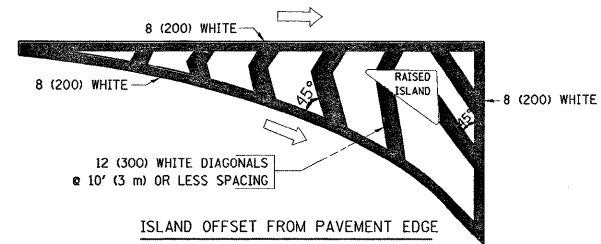
**TYPICAL PAINTED MEDIAN MARKING**



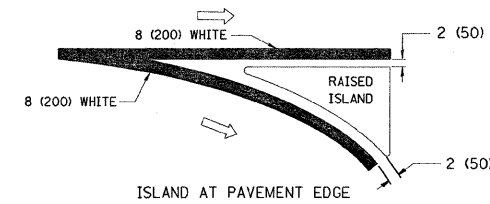
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
 \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE MARKING**

**TYPICAL TURN LANE MARKING**



ISLAND OFFSET FROM PAVEMENT EDGE



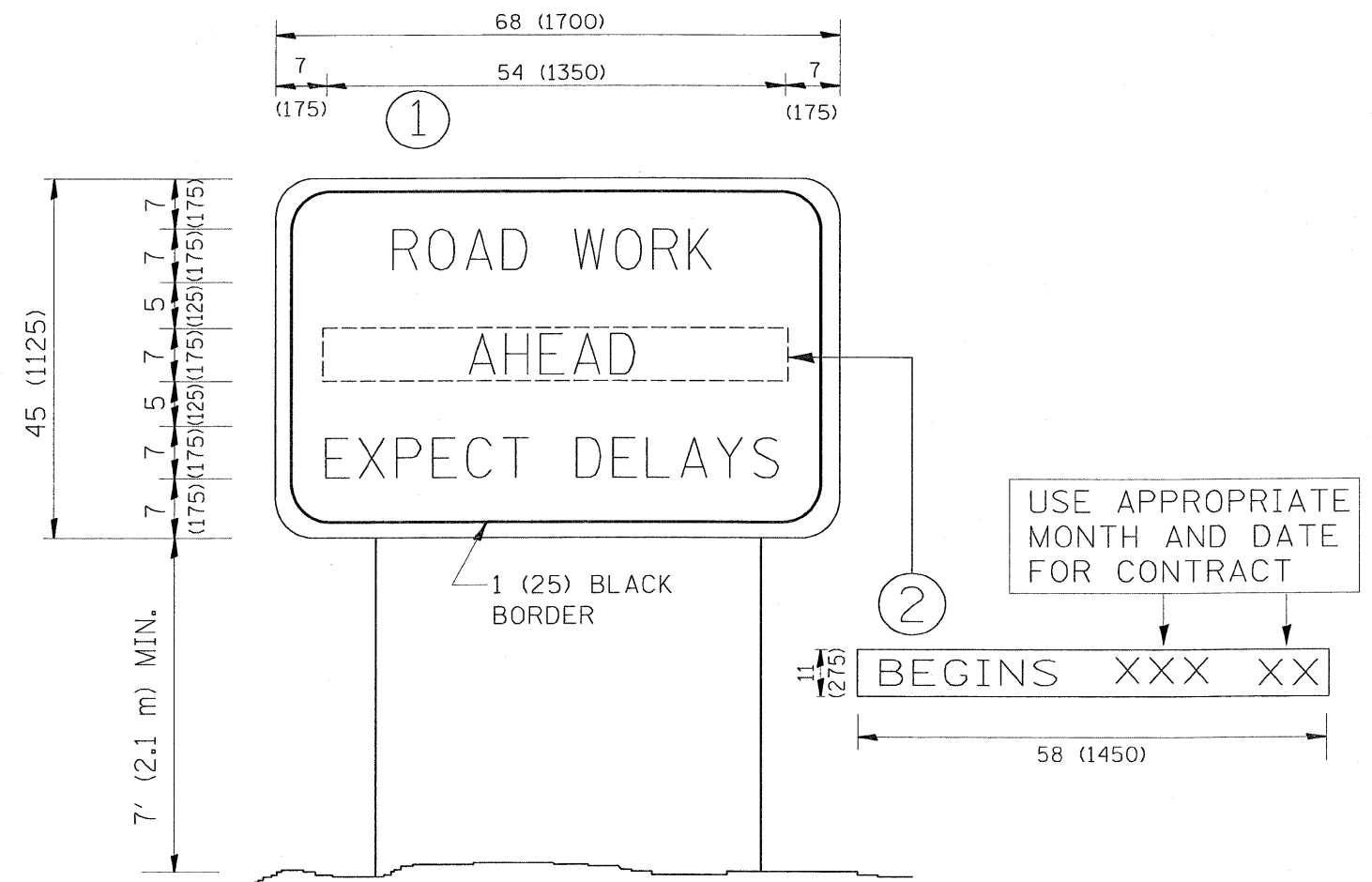
ISLAND AT PAVEMENT EDGE

**TYPICAL ISLAND MARKING**

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = mossse	DESIGNED -	REVISED - R. MIRS 09-15-97
ct:\pwork\PWIDOT\MOSSSE\d0142734\DistS	ed.dgn	DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 6/30/2009	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	141 RS-4	WILL	15	15
TC-22			CONTRACT NO. 60H58	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

SCALE: NONE    SHEET NO. 1 OF 1 SHEETS    STA.    TO STA.