

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	1
		ILLINOIS	CONTRACT NO. 62C03	

D-91-235-16



LOCATION OF SECTION INDICATED THIS: - [black rectangle] -

PROPOSED HIGHWAY PLANS

FAP 840: IL ROUTE 50
KANKAKEE COUNTY LINE TO CN RR
SECTION: (142&143)RS-6
RESURFACING (3P); ADA RAMPS
ACNHPP-STP-0840(071)

WILL COUNTY
C-91-235-16

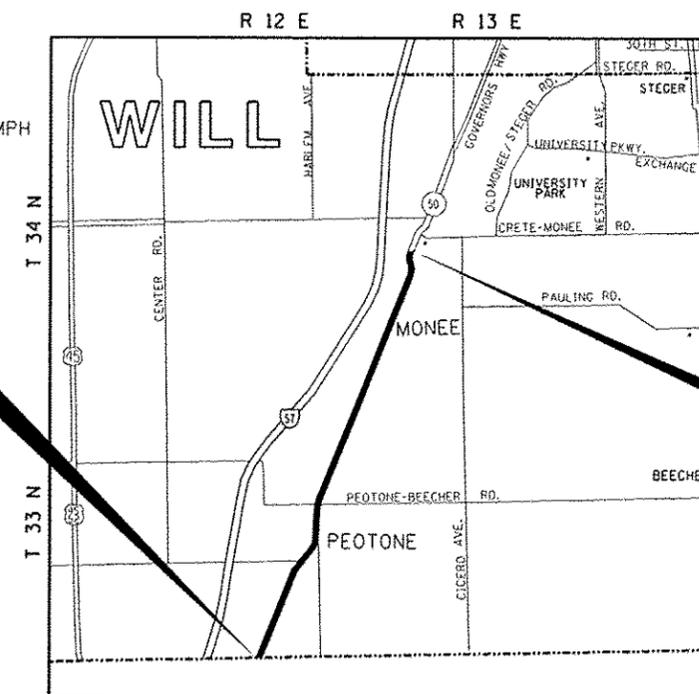
FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE
VILLAGES OF PEOTONE AND MONEE.

TRAFFIC DATA:
2013 ADT = 6,800
POSTED SPEED LIMIT=40-55 MPH

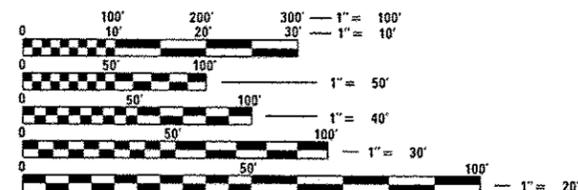
IMPROVEMENT BEGINS
STA. 5 + 92

IMPROVEMENT ENDS
STA. 468 + 93



PEOTONE AND MONEE TOWNSHIP

GROSS LENGTH OF IMPROVEMENT = 46,301 LINEAL FT. = 8.77 MILES
NET LENGTH OF IMPROVEMENT = 46,047 LINEAL FT. = 8.72 MILES



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 MANAGER FAWAD AQUEEL (847) 705-4247
PROJECT ENGINEER JENPAI CHANG (847) 705-4432

CONTRACT NO. 62C03

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *October 20 2016*
John Fortman
REGIONAL ENGINEER

Dec 9 2016
Margaret M. Addis
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 9 2016
Michelle [Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

HIGHWAY STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6	TYPICAL SECTIONS
7-22	ROADWAY AND PAVEMENT MARKING PLANS
23-25	SIDEWALK RAMP DETAILS
26	OUTLET FOR CONCRETE CURB AND GUTTER (BD-03)
27	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
28	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
29	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
30	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
31	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
32	TYPICAL APPLICATION FOR RAISED REFLECTIVE PAVEMENT MARKERS (TC-11)
33	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
34	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
35	PAVEMENT MARKING LETTERS & SYMBOLS FOR TRAFFIC STAGING (TC-16)
36	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-03	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD, STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
604001-04	FRAMES AND LIDS TYPE 1
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-11	STEEL PLATE BEAM GUARDRAIL
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 2' FROM PAVEMENT EDGE
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

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

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

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

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)), WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE RESIDENT ENGINEER SHALL CONTACT ERIC CAMPOS, IDOT'S AREA TRAFFIC FIELD ENGINEER FOR WILL COUNTY, VIA E-MAIL AT ERIC.CAMPOS@ILLINOIS.GOV AND AT (815) 485-6475, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

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

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

ALL SIDEWALK RAMPS WITHIN THE LIMITS OF THE PROJECT SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND THE APPLICABLE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.

ALL PROPOSED SIDE CURB QUANTITIES SHALL BE PAID FOR AS PCC SIDEWALK 5", UNLESS OTHERWISE NOTED ON PLANS.

FILE NAME :	USER NAME = shiraniab	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\110846810\TEC\illinois.gov\PW001\Documents\1001 Offices\District 1\Projects\DI23\BRW\Notes\Design\DI18\1809-shr-plan.dgn		CHECKED -	REVISED -		840	(142 & 143) RS-6	WILL	36	2				
PLOT SCALE = 1/8" = 50'		DATE -	REVISED -		CONTRACT NO. 62C03								
Default	PLOT DATE = 11/3/2016				ILLINOIS FED. AID PROJECT								
				SCALE: 1" = 50'				SHEET OF SHEETS		STA. TO STA.			

URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP	STP-U			
				80% FED 20% STATE	80% FED 20% STATE			
				0005	0005			
20200100	EARTH EXCAVATION	CU YD	14	10	4			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	317	235	82			
21400100	GRADING AND SHAPING DITCHES	FOOT	200	148	52			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	6	4.4	1.6			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	6	4.4	1.6			
25200110	SODDING, SALT TOLERANT	SQ YD	317	235	82			
25200200	SUPPLEMENTAL WATERING	UNIT	8	6	2			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	158485	117279	41206			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	356	263	93			
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), [L-4.75, N50	TON	9965	7374	2591			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	517	383	134			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	19930	14904	5026			
42001300	PROTECTIVE COAT	SQ YD	850	629	221			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP	STP-U			
				80% FED 20% STATE	80% FED 20% STATE			
				0005	0005			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	587	434	153			
42400800	DETECTABLE WARNINGS	SO FT	57	42	15			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	237250	175565	61685			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	200	148	52			
44000600	SIDEWALK REMOVAL	SO FT	603	446	157			
44004250	PAVED SHOULDER REMOVAL	SO YD	35	26	9			
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	4222	3124	1098			
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	3325	2460	865			
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	31703	23460	8243			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1844	1365	479			
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	35	26	9			
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	4	3	1			
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3	2	1			
*	SPECIALTY ITEMS							

FILE NAME *	USER NAME = sfranz	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
IL ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	3
CONTRACT NO. 62C03				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

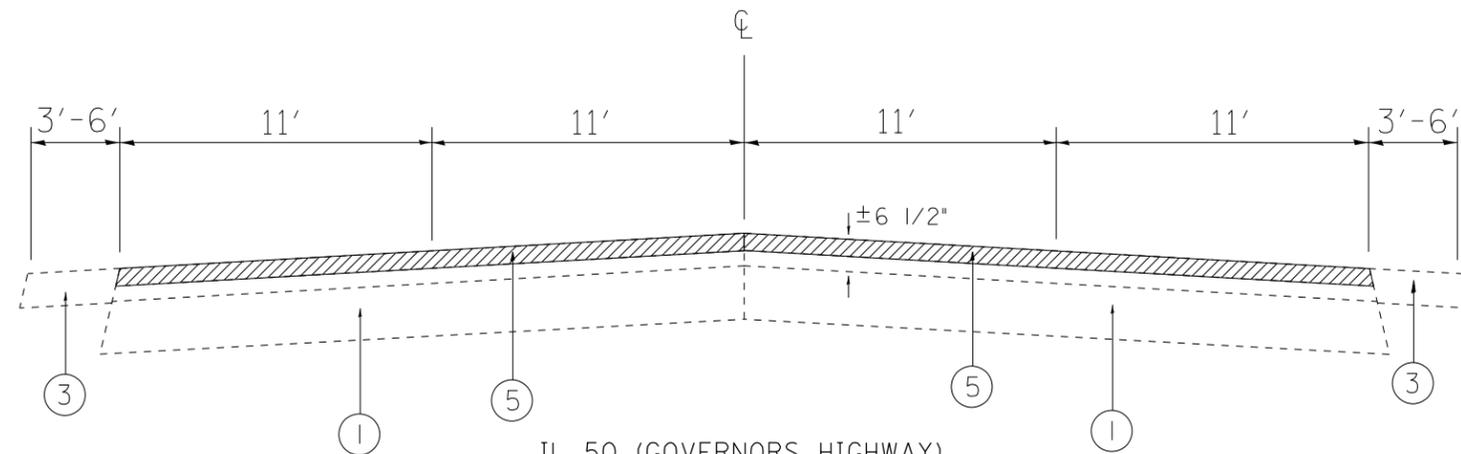
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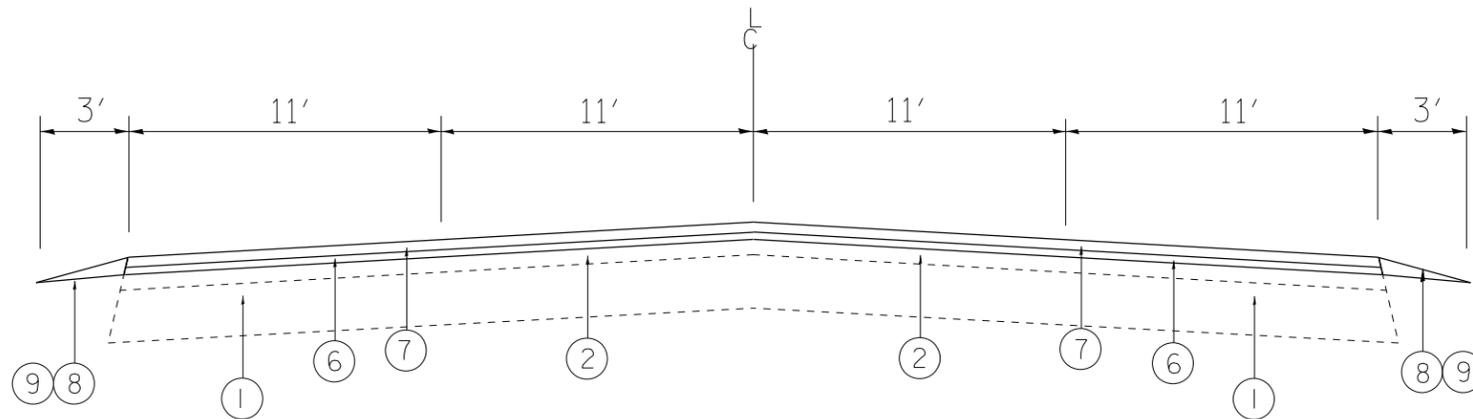
SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP 80% FED 20% STATE	STP-U 80% FED 20% STATE			
				0005	0005			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	20	15	5			
63200310	GUARDRAIL REMOVAL	FOOT	1000	740	260			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	14	10	4			
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MD	6	4	2			
67100100	MOBILIZATION	LSUM	1	0.7	0.3			
70100350	TRAFFIC CONTROL AND PROTECTION, STANDARD 701101	EACH	1	0.7	0.3			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	0.7	0.3			
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	LSUM	1	0.7	0.3			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	0.7	0.3			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	0.7	0.3			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	33500	24790	8710			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP 80% FED 20% STATE	STP-U 80% FED 20% STATE			
				0005	0005			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	16750	12395	4355			
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	73	54	19			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	207515	153561	53954			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	150	111	39			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	490	363	127			
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	16750	12395	4355			
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	20	15	5			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	73	54	19			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	207515	153561	53954			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	150	111	39			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	490	363	127			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	4075	3015	1060			
* *	SPECIALTY ITEMS							

FILE NAME *	USER NAME * stransab	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES IL ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)			F.A.P. RTE. 840	SECTION (142 & 143) R5-6	COUNTY WILL	TOTAL SHEETS 36	SHEET NO. 4
DRAWN -	CHECKED -	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 62C03				
PLOT SCALE * 1000000' / 1"					FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							
PLOT DATE * 12/11/2006												



IL 50 (GOVERNORS HIGHWAY)
EXISTING TYPICAL SECTION
STA. 5+92 TO STA. 468+93



IL 50 (GOVERNORS HIGHWAY)
PROPOSED TYPICAL SECTION
STA. 5+92 TO STA. 468+93

LEGEND

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

NOTES:

FOR THE EXISTING HMA SURFACE, THE CONTRACTOR SHALL DO PAVEMENT MILLING FIRST, THEN PATCHING THE ROADWAY PER BD-22 DETAIL.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USES	DESIGN AIR VOIDS @ N _{DES}	OMP

MAINLINE PAVEMENT & SHOULDER RESURFACING

POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% AT 50 GYR.	OCP
HMA SURFACE COURSE, MIX "D", N70, (IL-9.5 mm)	4% AT 70 GYR.	PPF

SHOULDERS

HMA SHOULDER, (HMA BINDER IL-19.0 mm)	4% AT 90 GYR.	OCP (NOTE 1)
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PAVEMENT PATCHING

CLASS D PATCH (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC/OA
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OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA);
QUALITY CONTROL FOR PERFORMANCE (OCP);
PAY FOR PERFORMANCE (PPF)

NOTE 1. THE DENSITY FOR THIS MIX WILL BE ASSIGNED 100 PERCENT PAY FACTOR, BE TESTED RANDOMLY AT THE FREQUENCY REQUIRED IN THE HMA-QUALITY CONTROL FOR PERFORMANCE SPECIAL PROVISION, AND SHALL MEET MINIMUM QC/OA DENSITY REQUIREMENTS IN ACCORDANCE WITH ART. 1030 OF THE STANDARD SPECIFICATIONS.

NOTES:

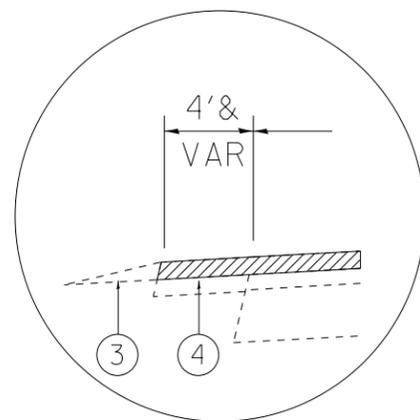
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

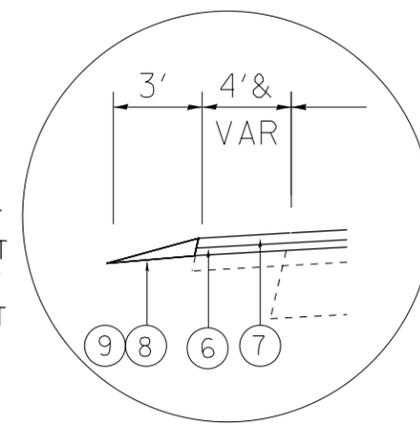
FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

HMA SHOULDERS TO BE RESURFACED AS MAINLINE:

- STA. 133+41 TO STA. 137+31, 3' HMA SHOULDER, RT
- STA. 138+00 TO STA. 157+43, 4' HMA SHOULDER, LT
- STA. 158+12 TO STA. 171+72, 4' HMA SHOULDER, LT & RT
- STA. 330+00 TO STA. 339+12, 4' HMA SHOULDER, LT & RT
- STA. 375+00 TO STA. 380+65, 4' HMA SHOULDER, LT & RT
- STA. 391+84 TO STA. 405+05, 4' HMA SHOULDER, LT & RT
- STA. 458+00 TO STA. 468+93, 4' HMA SHOULDER, LT & RT



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

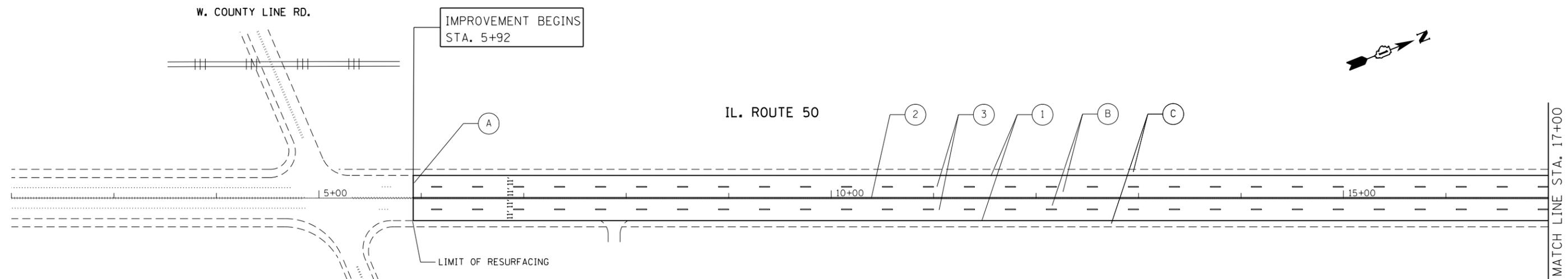
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	PLOT DATE = 10/25/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
IL ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	6
			CONTRACT NO. 62C03	
ILLINOIS FED. AID PROJECT				

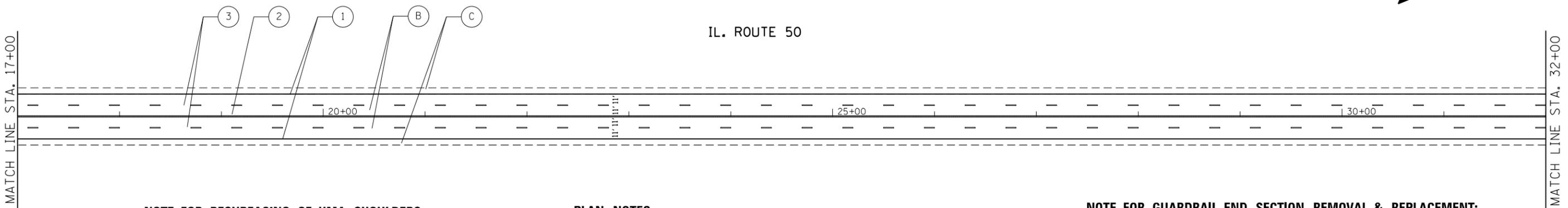


ROADWAY LEGEND

- (A) HMA SURFACE REMOVAL BUTT JOINT, 4.5' (TYP.)
- (B) PROP. HMA SURFACE REMOVAL, 2 1/4"
PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- (C) PROP. AGGREGATE WEDGE SHOULDERS, TYPE B
PROP. GRADING AND SHAPING SHOULDERS

PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" LANE LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 6" CROSSWALK, WHITE (TYP.)



NOTE FOR RESURFACING OF HMA SHOULDERS:

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

PLAN NOTES

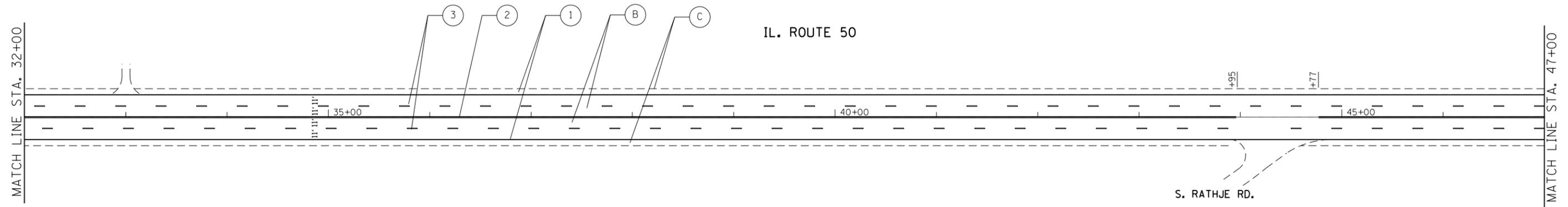
ALL PAVEMENT MARKINGS OBLITERATED BY MILLING WITHIN PROJECT LIMITS ARE TO BE REPLACED ACCORDING TO THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED THROUGHOUT PROJECT LIMITS ACCORDING TO "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) DETAIL (TC-11).

NOTE FOR GUARDRAIL END SECTION REMOVAL & REPLACEMENT:

-PROP. GUARDRAIL REMOVAL, 50'
-PROP. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
-PROP. TERMINAL MARKER- DIRECT APPLIED
-PROP. GUARDRAIL MARKERS, TYPE B
LOCATIONS FOR REPLACING GUARDRAIL END SECTIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI235\BROWN\Meta\Design\DI81989-sht-plan.dgn		CHECKED -	REVISED -					840	(142 & 143) RS-6	WILL	36	7
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		CONTRACT NO. 62C03			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/25/2016					SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA.	TO STA.			

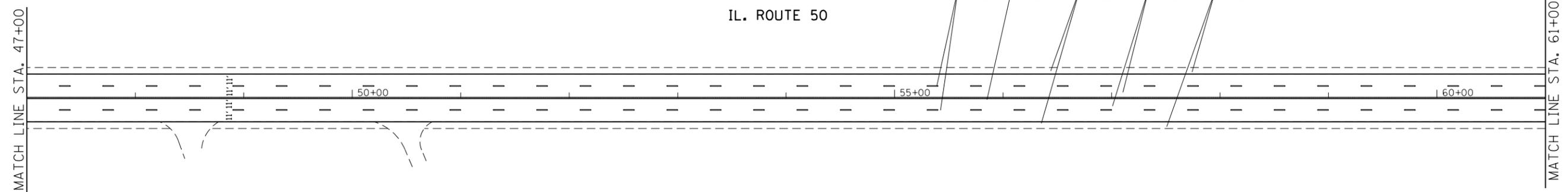


PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" LANE LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)
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- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 6" CROSSWALK, WHITE (TYP.)

ROADWAY LEGEND

- Ⓐ HMA SURFACE REMOVAL BUTT JOINT, 4.5' (TYP.)
- Ⓑ PROP. HMA SURFACE REMOVAL, 2 1/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- Ⓒ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B PROP. GRADING AND SHAPING SHOULDERS



NOTE FOR RESURFACING OF HMA SHOULDERS:

PROP. HMA SURFACE REMOVAL, 2 1/4"
 PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
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PLAN NOTES

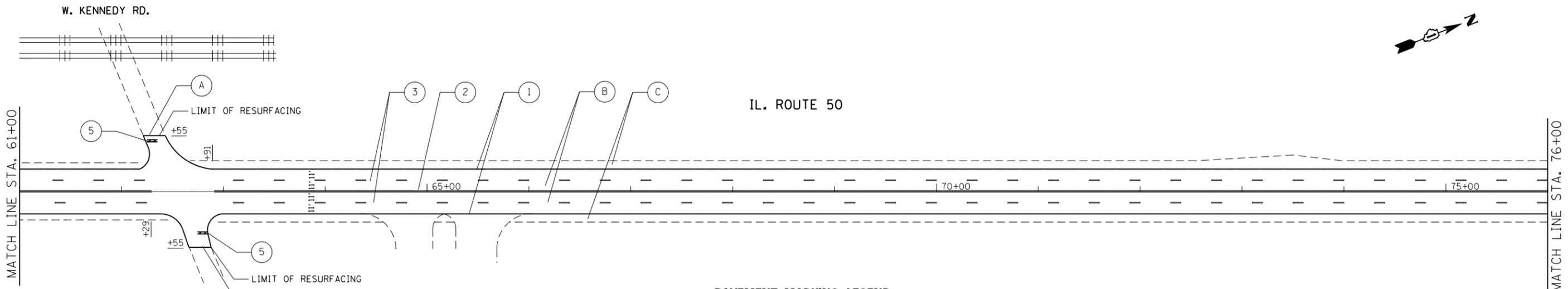
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NOTE FOR GUARDRAIL END SECTION REMOVAL & REPLACEMENT:

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p:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI235\BROW\Meta\Design\DI81909-sht-plan.dgn		CHECKED -	REVISED -			840	(142 & 143) RS-6	WILL	36	8
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 62C03			ILLINOIS FED. AID PROJECT	
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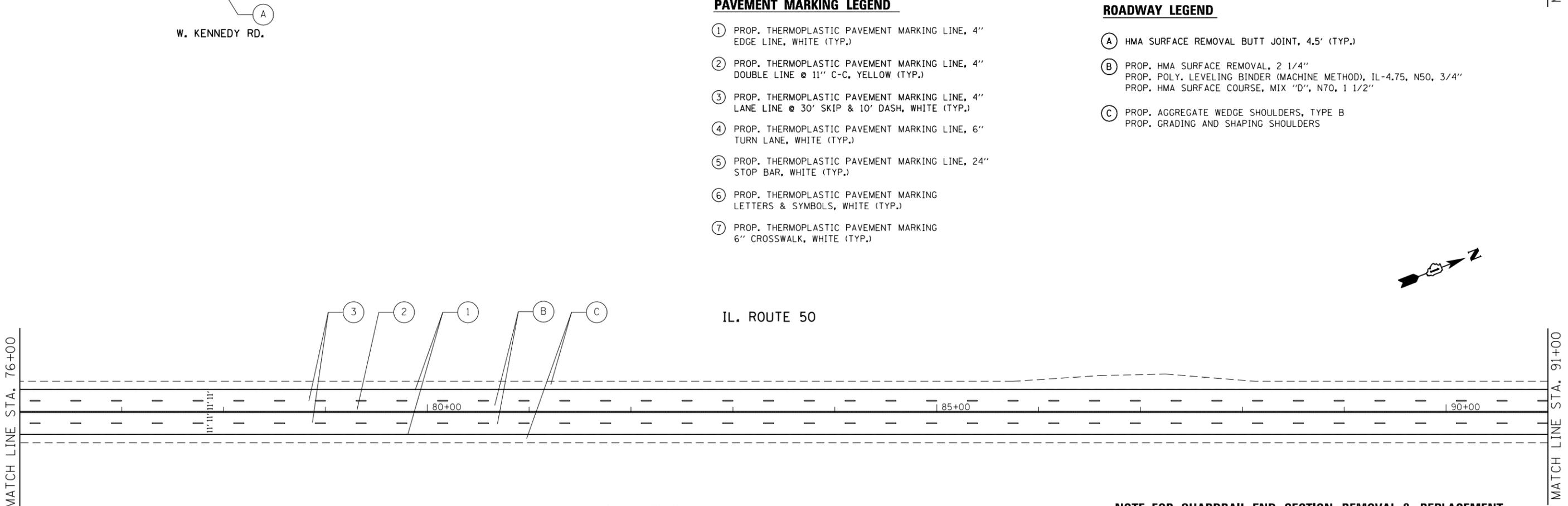


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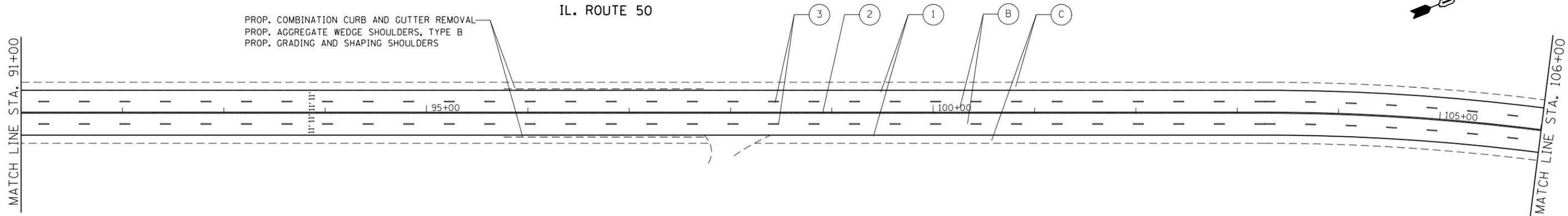
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pw\1\084EBIDINTEG.illinois.gov\PIWDDT\Documents\DOT Offices\District 1\Projects\DI235\BROWNS\Meta\Design\DI81989-sht-plan.dgn	DRWN -	REVISED -	840			(142 & 143) RS-6	WILL	36	9	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 62C03							
PLOT DATE = 10/25/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
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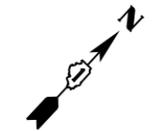
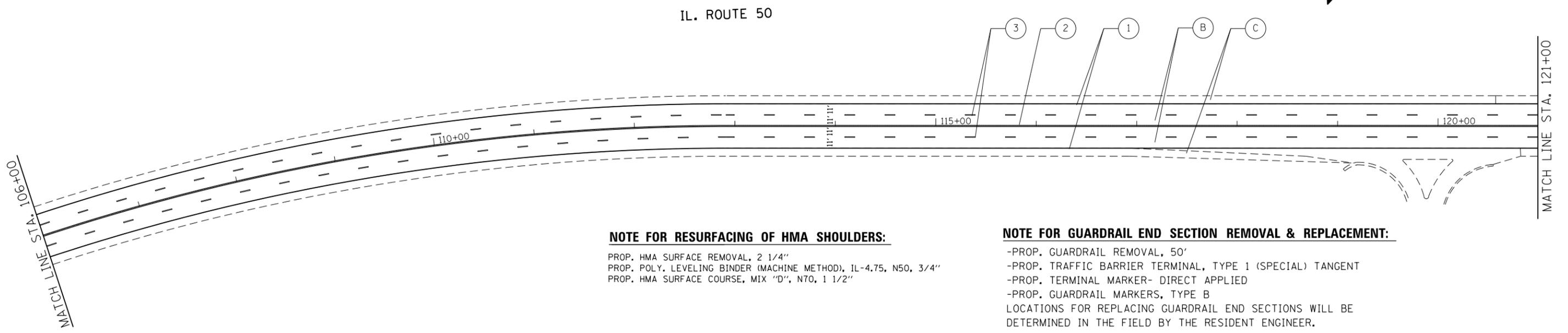
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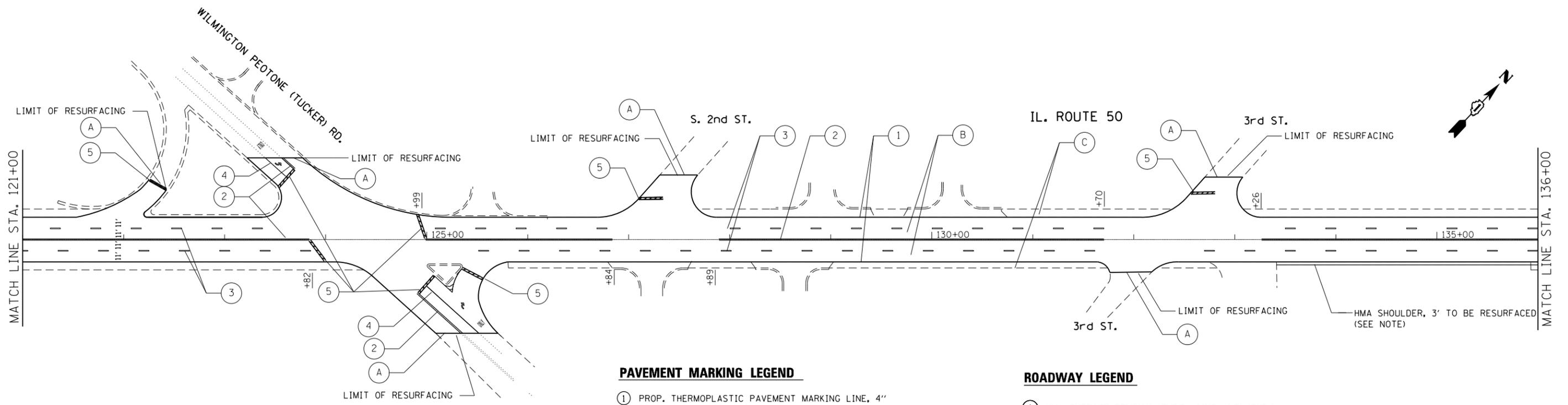
FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI235\BROWN\Design\DI81909-shr-plan.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
 IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	10
CONTRACT NO. 62C03			ILLINOIS FED. AID PROJECT	



NOTE FOR RESURFACING OF HMA SHOULDERS:

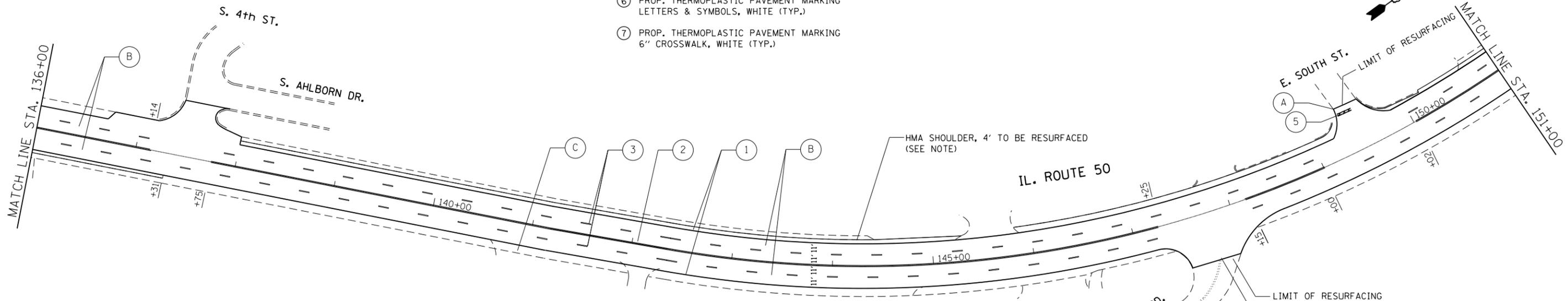
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PLAN NOTES

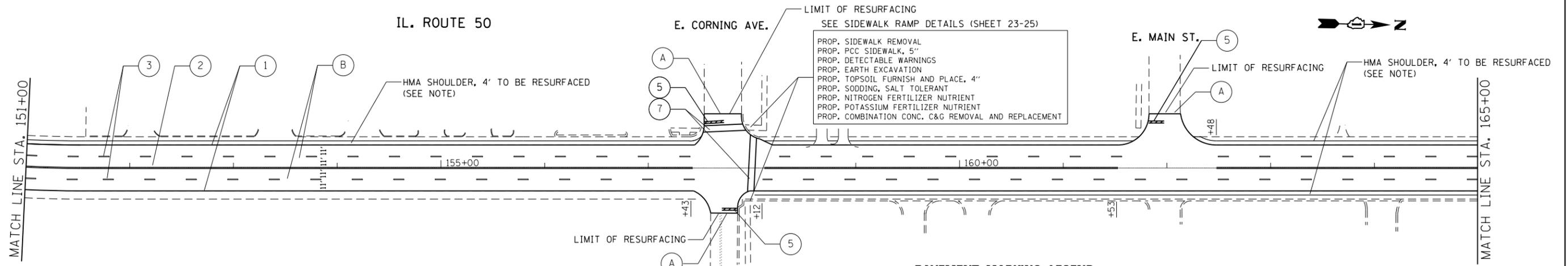
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pw\IL084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\1235\Browns\Design\181909-shr-plan.dgn		CHECKED -	REVISED -			840	(142 & 143) RS-6	WILL	36	11	
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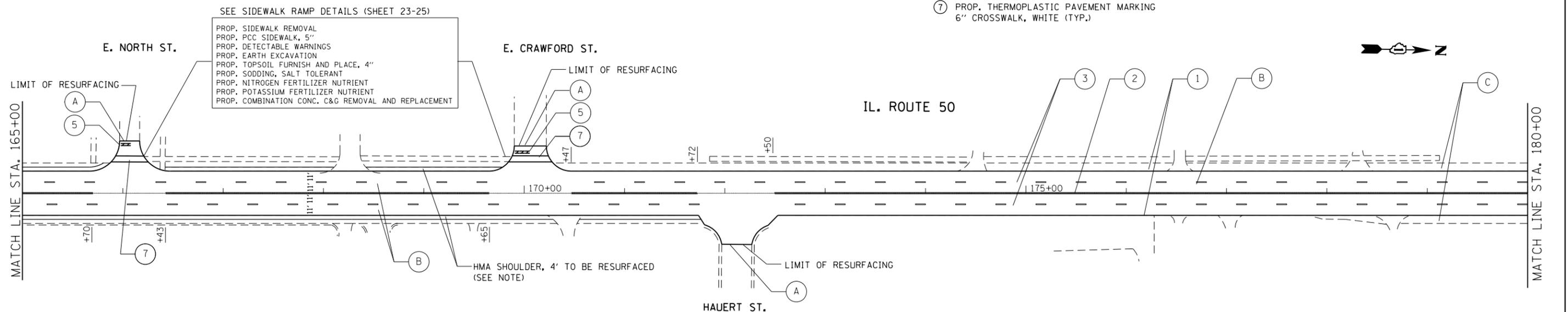


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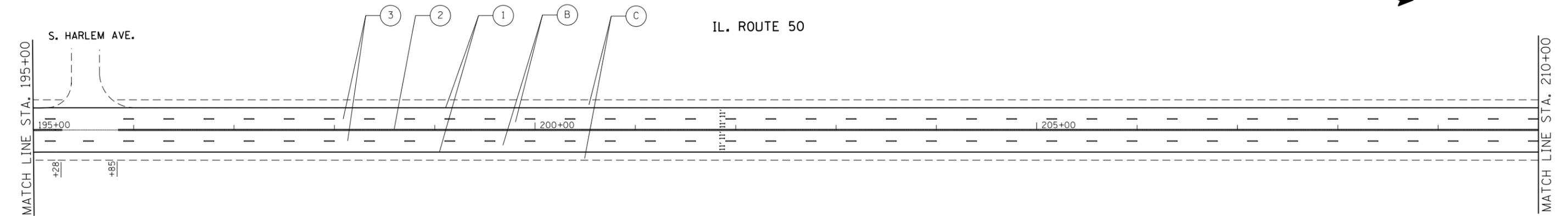
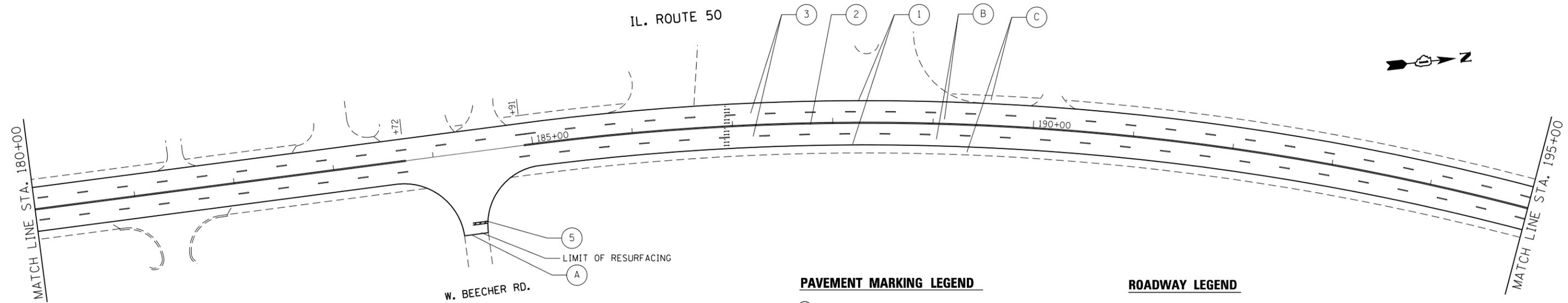
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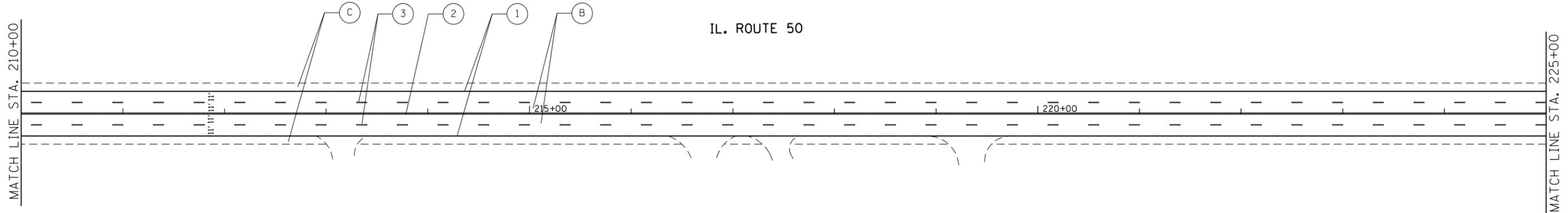
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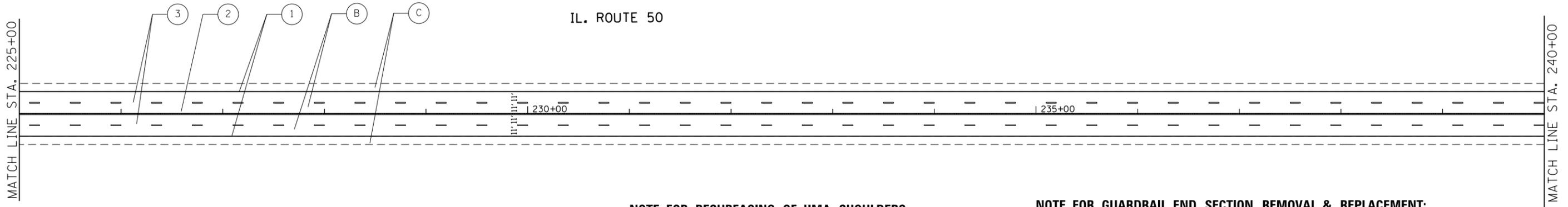
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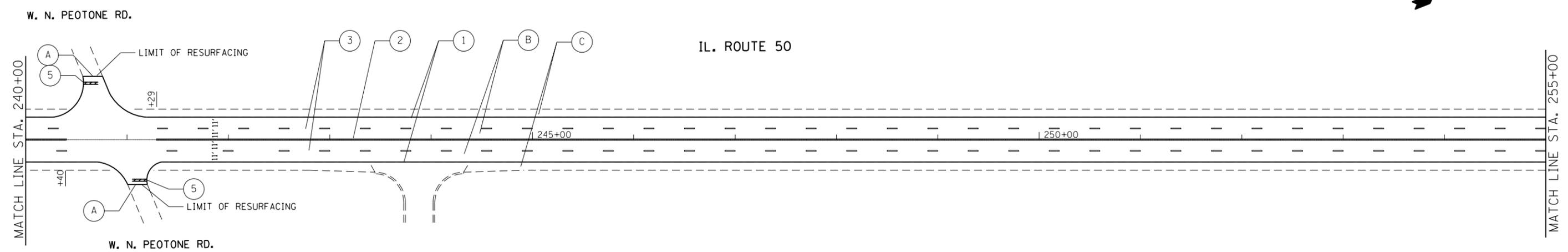
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NOTE FOR GUARDRAIL END SECTION REMOVAL & REPLACEMENT:

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 -PROP. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 -PROP. TERMINAL MARKER- DIRECT APPLIED
 -PROP. GUARDRAIL MARKERS, TYPE B
 LOCATIONS FOR REPLACING GUARDRAIL END SECTIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI235\BROWNS\Design\DI81909-shr-plan.dgn	DRWN	CHECKED -	REVISED -			840	(142 & 143) RS-6	WILL	36	14	
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 62C03			ILLINOIS FED. AID PROJECT		
PLOT DATE = 10/25/2016						SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA.	TO STA.	

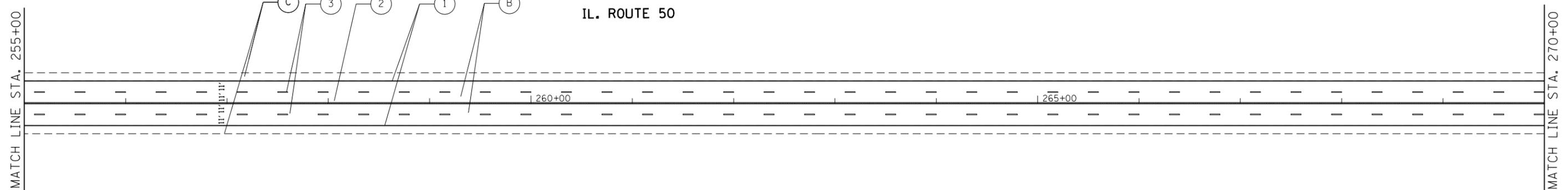


PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" LANE LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 6" CROSSWALK, WHITE (TYP.)

ROADWAY LEGEND

- Ⓐ HMA SURFACE REMOVAL BUTT JOINT, 4.5' (TYP.)
- Ⓑ PROP. HMA SURFACE REMOVAL, 2 1/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- Ⓒ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B PROP. GRADING AND SHAPING SHOULDERS



PLAN NOTES

ALL PAVEMENT MARKINGS OBLITERATED BY MILLING WITHIN PROJECT LIMITS ARE TO BE REPLACED ACCORDING TO THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED THROUGHOUT PROJECT LIMITS ACCORDING TO "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) DETAIL (TC-11).

NOTE FOR RESURFACING OF HMA SHOULDERS:

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

NOTE FOR GUARDRAIL END SECTION REMOVAL & REPLACEMENT:

-PROP. GUARDRAIL REMOVAL, 50'
 -PROP. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 -PROP. TERMINAL MARKER- DIRECT APPLIED
 -PROP. GUARDRAIL MARKERS, TYPE B
 LOCATIONS FOR REPLACING GUARDRAIL END SECTIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

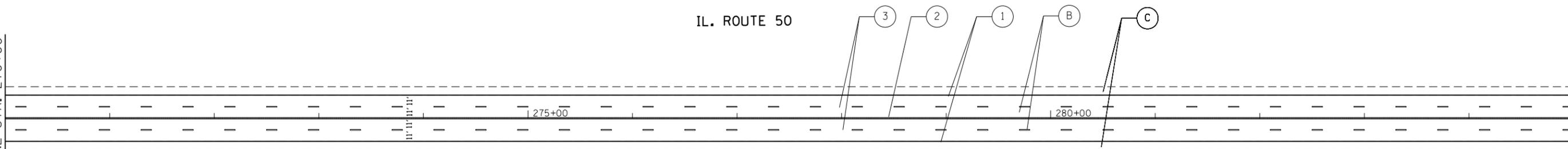
FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI235\BROWN\Meta\Design\DI81909-shr-plan.dgn	DRWN -	REVISED -	REVISED -			840	(142 & 143) RS-6	WILL	36	15
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 62C03				
PLOT DATE = 10/25/2016	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 270+00

MATCH LINE STA. 285+00

IL. ROUTE 50



PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" LANE LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 6" CROSSWALK, WHITE (TYP.)

PLAN NOTES

ALL PAVEMENT MARKINGS OBLITERATED BY MILLING WITHIN PROJECT LIMITS ARE TO BE REPLACED ACCORDING TO THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

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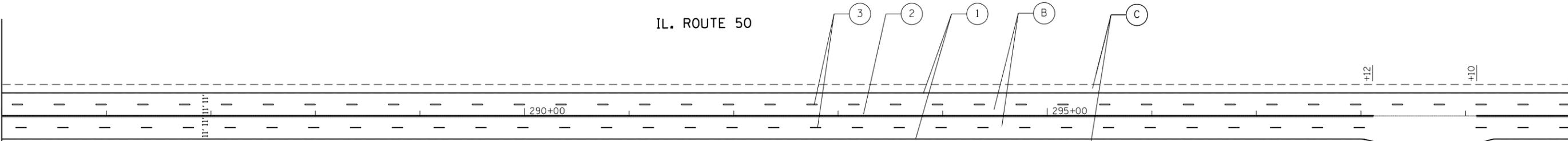
ROADWAY LEGEND

- Ⓐ HMA SURFACE REMOVAL BUTT JOINT, 4.5' (TYP.)
- Ⓑ PROP. HMA SURFACE REMOVAL, 2 1/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- Ⓒ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B PROP. GRADING AND SHAPING SHOULDERS

MATCH LINE STA. 285+00

MATCH LINE STA. 300+00

IL. ROUTE 50

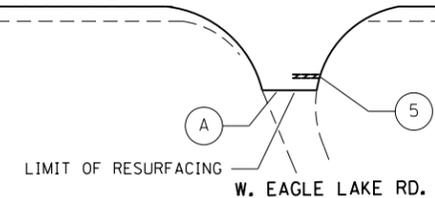


NOTE FOR GUARDRAIL END SECTION REMOVAL & REPLACEMENT:

- PROP. GUARDRAIL REMOVAL, 50'
 - PROP. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - PROP. TERMINAL MARKER- DIRECT APPLIED
 - PROP. GUARDRAIL MARKERS, TYPE B
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NOTE FOR RESURFACING OF HMA SHOULDERS:

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



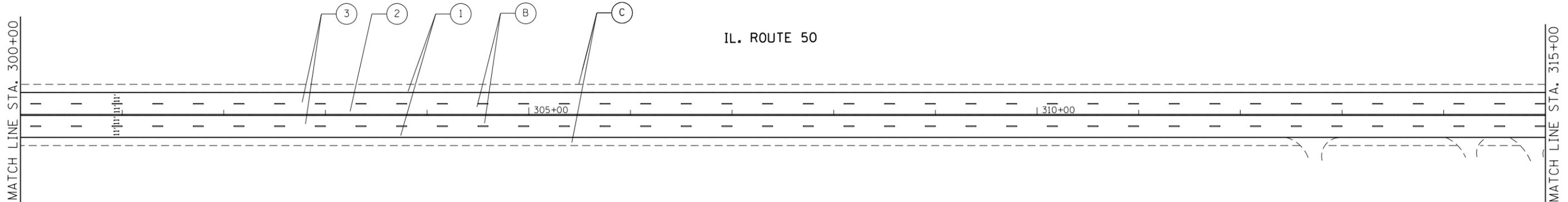
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/25/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	16
CONTRACT NO. 62C03			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" LANE LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 6" CROSSWALK, WHITE (TYP.)

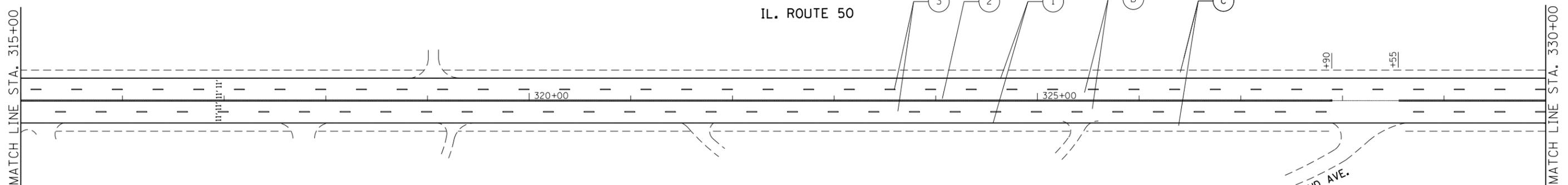
PLAN NOTES

ALL PAVEMENT MARKINGS OBLITERATED BY MILLING WITHIN PROJECT LIMITS ARE TO BE REPLACED ACCORDING TO THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED THROUGHOUT PROJECT LIMITS ACCORDING TO "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) DETAIL (TC-11).

ROADWAY LEGEND

- Ⓐ HMA SURFACE REMOVAL BUTT JOINT, 4.5' (TYP.)
- Ⓑ PROP. HMA SURFACE REMOVAL, 2 1/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- Ⓒ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B PROP. GRADING AND SHAPING SHOULDERS



NOTE FOR GUARDRAIL END SECTION REMOVAL & REPLACEMENT:

- PROP. GUARDRAIL REMOVAL, 50'
 - PROP. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - PROP. TERMINAL MARKER- DIRECT APPLIED
 - PROP. GUARDRAIL MARKERS, TYPE B
- LOCATIONS FOR REPLACING GUARDRAIL END SECTIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

NOTE FOR RESURFACING OF HMA SHOULDERS:

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- PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
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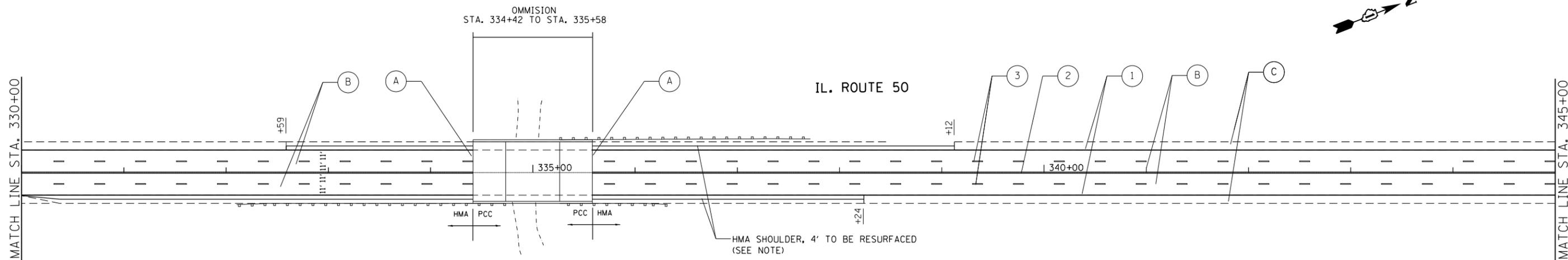
FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 10/25/2016	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62C03	



PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" LANE LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 6" CROSSWALK, WHITE (TYP.)

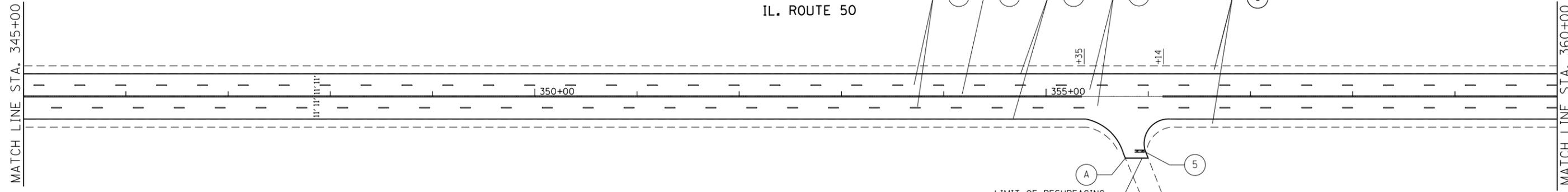
ROADWAY LEGEND

- Ⓐ HMA SURFACE REMOVAL BUTT JOINT, 4.5' (TYP.)
- Ⓑ PROP. HMA SURFACE REMOVAL, 2 1/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- Ⓒ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B PROP. GRADING AND SHAPING SHOULDERS

PLAN NOTES

ALL PAVEMENT MARKINGS OBLITERATED BY MILLING WITHIN PROJECT LIMITS ARE TO BE REPLACED ACCORDING TO THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED THROUGHOUT PROJECT LIMITS ACCORDING TO "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) DETAIL (TC-11).



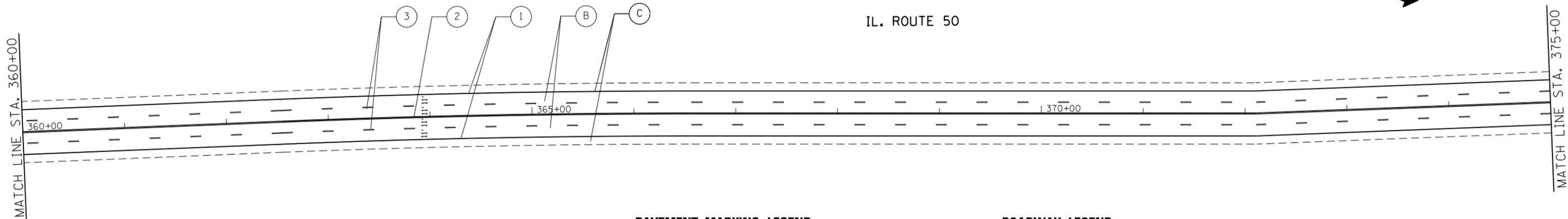
NOTE FOR GUARDRAIL END SECTION REMOVAL & REPLACEMENT:

-PROP. GUARDRAIL REMOVAL, 50'
 -PROP. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 -PROP. TERMINAL MARKER- DIRECT APPLIED
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 LOCATIONS FOR REPLACING GUARDRAIL END SECTIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

NOTE FOR RESURFACING OF HMA SHOULDERS:

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

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\1\084EBIDINTEG.illinois.gov\PIWIDOTDocuments\IDOT Offices\District 1\Projects\DI235\BROWNS\Design\DI81989-shr-plan.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			840	(142 & 143) RS-6	WILL	36	18	
PLotted DATE = 10/25/2016	DATE -	REVISED -	REVISED -			CONTRACT NO. 62C03					
						ILLINOIS FED. AID PROJECT					



PLAN NOTES

ALL PAVEMENT MARKINGS OBLITERATED BY MILLING WITHIN PROJECT LIMITS ARE TO BE REPLACED ACCORDING TO THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

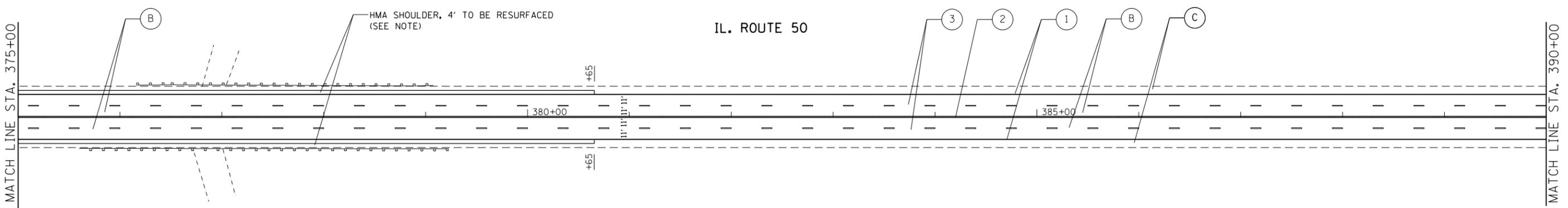
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PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" LANE LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 6" CROSSWALK, WHITE (TYP.)

ROADWAY LEGEND

- Ⓐ HMA SURFACE REMOVAL BUTT JOINT, 4.5' (TYP.)
- Ⓑ PROP. HMA SURFACE REMOVAL, 2 1/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- Ⓒ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B PROP. GRADING AND SHAPING SHOULDERS



NOTE FOR RESURFACING OF HMA SHOULDERS:

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NOTE FOR GUARDRAIL END SECTION REMOVAL & REPLACEMENT:

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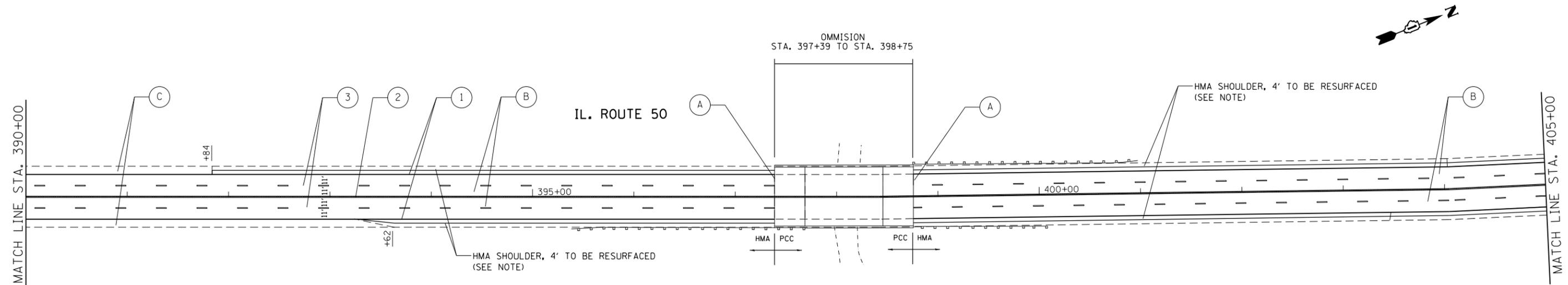
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 10/25/2016	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
 IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	19
				CONTRACT NO. 62C03
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
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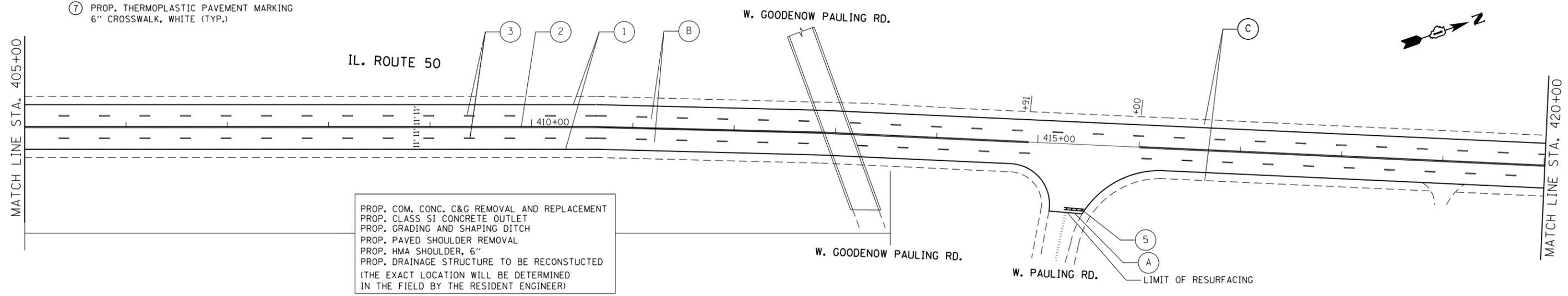
ROADWAY LEGEND

- Ⓐ HMA SURFACE REMOVAL BUTT JOINT, 4.5' (TYP.)
- Ⓑ PROP. HMA SURFACE REMOVAL, 2 1/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- Ⓒ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B PROP. GRADING AND SHAPING SHOULDERS

PLAN NOTES

ALL PAVEMENT MARKINGS OBLITERATED BY MILLING WITHIN PROJECT LIMITS ARE TO BE REPLACED ACCORDING TO THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

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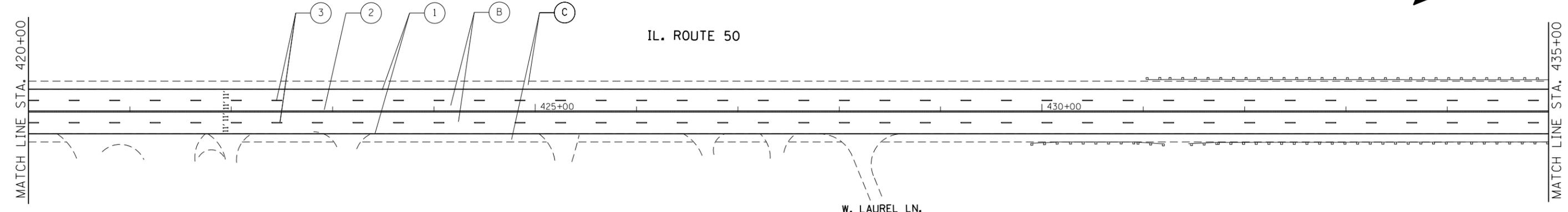
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FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\IL084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI235\BROW\Meta\Design\DI81989-shr-plan.dgn	DRWN	CHECKED -	REVISED -			840	(142 & 143) RS-6	WILL	36	20
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 62C03				
PLOT DATE = 10/25/2016						ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
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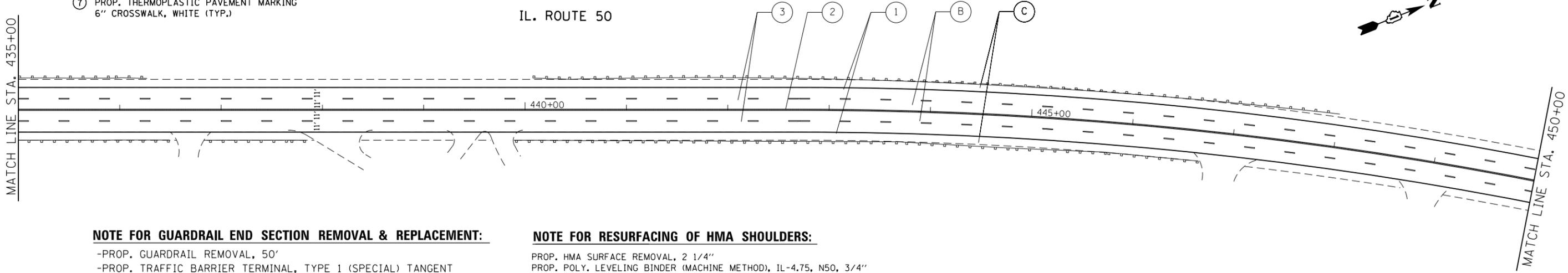
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- Ⓐ HMA SURFACE REMOVAL BUTT JOINT, 4.5' (TYP.)
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ALL PAVEMENT MARKINGS OBLITERATED BY MILLING WITHIN PROJECT LIMITS ARE TO BE REPLACED ACCORDING TO THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED THROUGHOUT PROJECT LIMITS ACCORDING TO "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) DETAIL (TC-11).



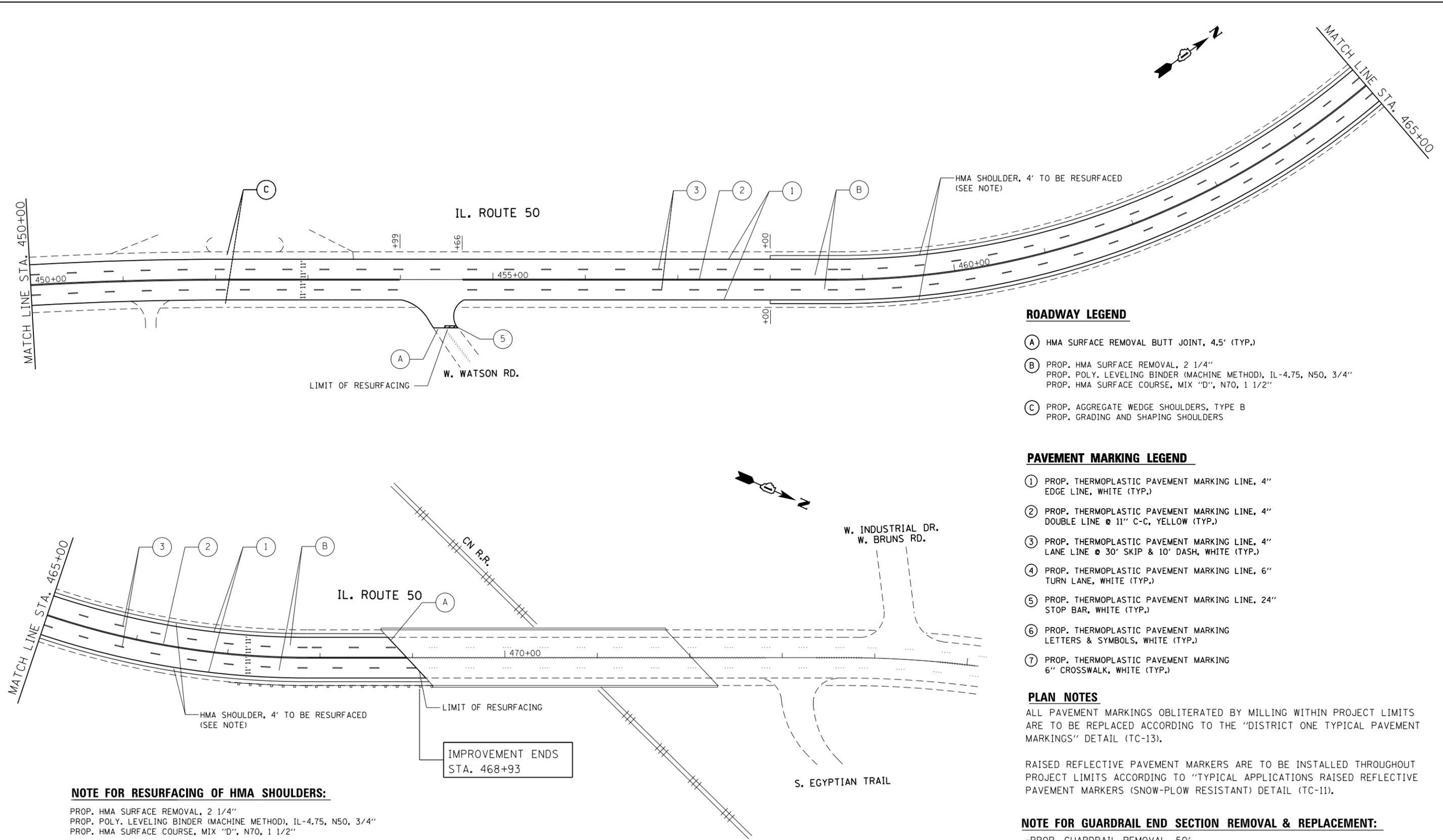
NOTE FOR GUARDRAIL END SECTION REMOVAL & REPLACEMENT:

- PROP. GUARDRAIL REMOVAL, 50'
 - PROP. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - PROP. TERMINAL MARKER- DIRECT APPLIED
 - PROP. GUARDRAIL MARKERS, TYPE B
- LOCATIONS FOR REPLACING GUARDRAIL END SECTIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

NOTE FOR RESURFACING OF HMA SHOULDERS:

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

FILE NAME = p:\1\084EBID\INTEG.\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI235\BROWNS\Meta\Design\DI81989-sht-plan.dgn	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)			F.A.P. RTE. = 840	SECTION = (142 & 143) RS-6	COUNTY = WILL	TOTAL SHEETS = 36	SHEET NO. = 21
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 62C03	
PLOT DATE = 10/25/2016	DATE -	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT								



ROADWAY LEGEND

- (A) HMA SURFACE REMOVAL BUTT JOINT, 4.5' (TYP.)
- (B) PROP. HMA SURFACE REMOVAL, 2 1/4"
PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- (C) PROP. AGGREGATE WEDGE SHOULDERS, TYPE B
PROP. GRADING AND SHAPING SHOULDERS

PAVEMENT MARKING LEGEND

- (1) PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- (2) PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
- (3) PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" LANE LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)
- (4) PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- (5) PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- (6) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- (7) PROP. THERMOPLASTIC PAVEMENT MARKING 6" CROSSWALK, WHITE (TYP.)

PLAN NOTES

ALL PAVEMENT MARKINGS OBLITERATED BY MILLING WITHIN PROJECT LIMITS ARE TO BE REPLACED ACCORDING TO THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED THROUGHOUT PROJECT LIMITS ACCORDING TO "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) DETAIL (TC-11).

NOTE FOR GUARDRAIL END SECTION REMOVAL & REPLACEMENT:

- PROP. GUARDRAIL REMOVAL, 50'
 - PROP. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - PROP. TERMINAL MARKER- DIRECT APPLIED
 - PROP. GUARDRAIL MARKERS, TYPE B
- LOCATIONS FOR REPLACING GUARDRAIL END SECTIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

NOTE FOR RESURFACING OF HMA SHOULDERS:

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

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/25/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
IL. ROUTE 50 (KANKAKEE COUNTY LINE TO CN RR)**

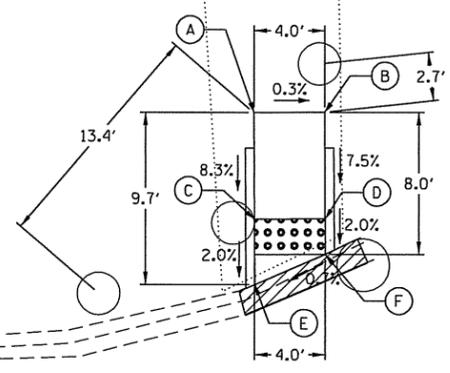
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	22
CONTRACT NO. 62C03				
ILLINOIS FED. AID PROJECT				

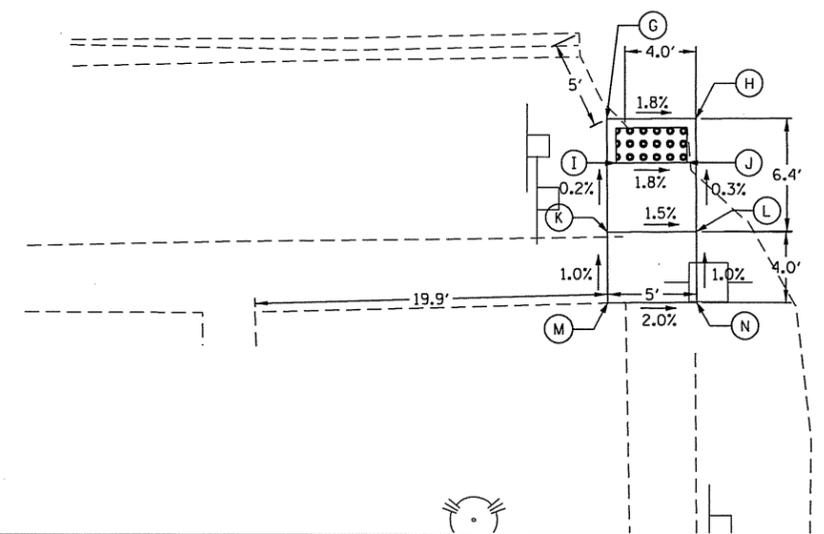
BENCHMARK:
 ARROW BOLT OF FIRE HYDRANT LOCATED
 NORTHWEST OF INTERSECTION OF IL
 ROUTE 50 AND CRAWFORD STREET
 ELEV=721.98 (NAVD 88)



POINT	ELEV	NOTE
A	719.80	MATCH
B	719.75	MATCH
C	719.30	TW
D	719.30	TW
E	719.23	TW=TC
F	719.26	TW=TC
G	719.73	MATCH
H	719.66	MATCH
I	719.73	TW
J	719.66	TW
K	719.74	TW
L	719.68	TW
M	719.78	MATCH
N	719.70	MATCH



CRAWFORD STREET



IL ROUTE 50

LEGEND

- (A) POINT
- DETECTABLE WARNINGS
- CURB DEPRESSION
- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL AND SOD
- TW PROPOSED TOP-OF-WALK ELEVATION
- TC PROPOSED TOP-OF-CURB ELEVATION
- EOP PROPOSED EDGE-OF-PAVEMENT ELEVATION
- MATCH MATCH EXISTING ELEVATION

COMPANY NAME: HRGreen
 PROJECT CONTACT: bher.tma
 CLIENT: COTTEN
 FILE NAME: D:\62C03\sh-ramp\PEOTONE.dwg
 PLOT DRIVER: IL.pdf_brcplcfcg
 PLOT DATE: 10/25/2016

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #164-01322

USER NAME = bher.tma	DESIGNED - BH	REVISED -
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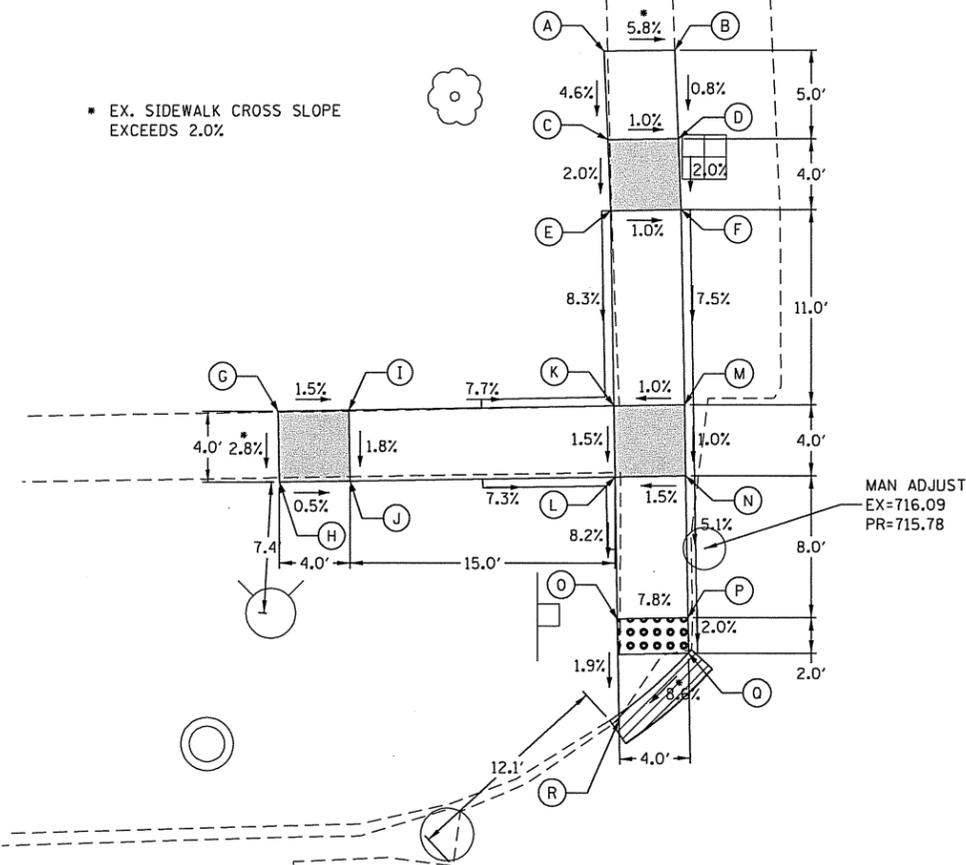
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
IL ROUTE 50

SCALE: 1" = 10' SHEET NO. OF SHEETS STA. TO STA.

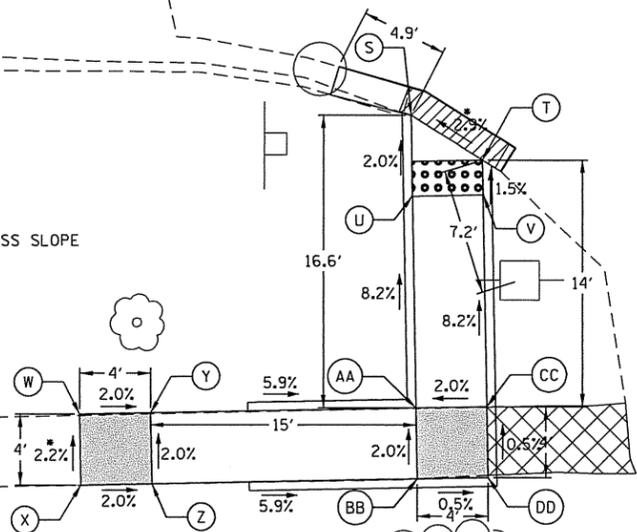
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	23
CONTRACT NO. 62C03				
[ILLINOIS] FED. AID PROJECT				

EX. SIDEWALK CROSS SLOPE EXCEEDS 2.0%



NORTH STREET

EX. SIDEWALK CROSS SLOPE EXCEEDS 2.0%



IL ROUTE 50

BENCHMARK:
ARROW BOLT OF FIRE HYDRANT LOCATED
NORTHWEST OF INTERSECTION OF IL
ROUTE 50 AND NORTH STREET
ELEV=718.25 (NAVD 88)



POINT	ELEV	NOTE
A	717.20	MATCH
B	716.97	MATCH
C	716.97	TW
D	716.93	TW
E	716.89	TW
F	716.85	TW
G	717.15	MATCH
H	717.04	MATCH
I	717.09	TW
J	717.02	TW
K	715.98	TW
L	715.92	TW
M	715.98	TW
N	715.98	TW
O	715.26	TW
P	715.57	TW
Q	715.61	TW=TC
R	715.16	TW=TC
S	714.61	TW=TC
T	714.75	TW=TC
U	714.70	TW
V	714.78	TW
W	716.63	MATCH
X	716.72	MATCH
Y	716.56	TW
Z	716.64	TW
AA	715.68	TW
BB	715.76	TW
CC	715.76	MATCH
DD	715.78	MATCH

LEGEND

- (A) POINT
- DETECTABLE WARNINGS
- CURB DEPRESSION
- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL AND SOD
- TW PROPOSED TOP-OF-WALK ELEVATION
- TC PROPOSED TOP-OF-CURB ELEVATION
- EOP PROPOSED EDGE-OF-PAVEMENT ELEVATION
- MATCH MATCH EXISTING ELEVATION

COMPANY NAME: HRGreen
PROJECT CONTACT: bhartma
CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
DATE PLOTTED: 10/25/2016 10:35 AM
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PLOT USER: jhughes
PEN TABLE:



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PLOT DATE = 10/25/2016	DATE - 09/09/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
IL ROUTE 50**

SCALE: 1" = 10' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	24
CONTRACT NO. 62C03				
ILLINOIS FED. AID PROJECT				

POINT	ELEV	NOTE
A	702.00	MATCH
B	701.92	MATCH
C	701.54	TW
D	701.51	TW
E	701.51	TW=TC
F	701.44	TW=TC
G	701.82	TW=TC
H	701.72	TW=TC
I	702.23	TW
J	702.15	TW
K	702.31	MATCH
L	702.15	MATCH
M	701.46	TW=TC
N	701.39	TW=TC
O	701.50	TW
P	701.43	TW
Q	701.65	MATCH
R	701.49	MATCH



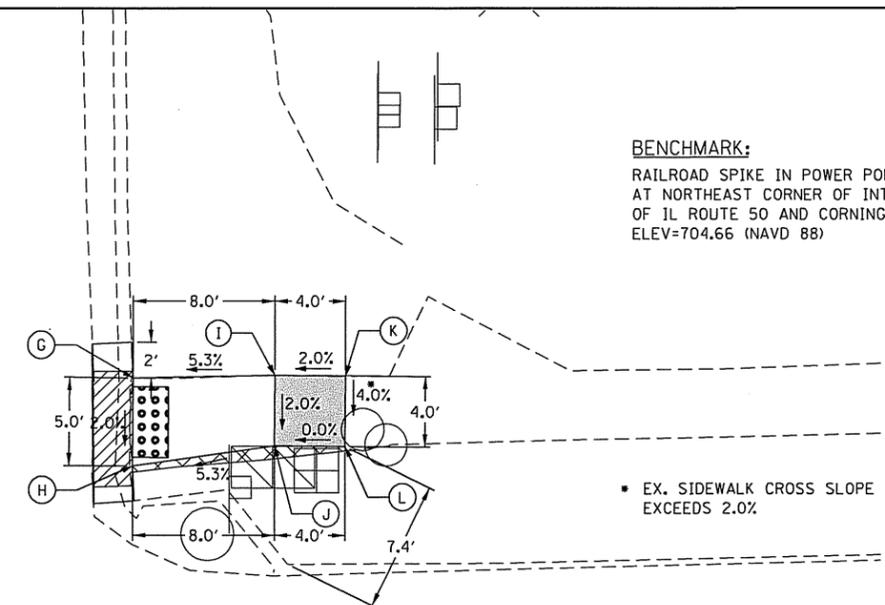
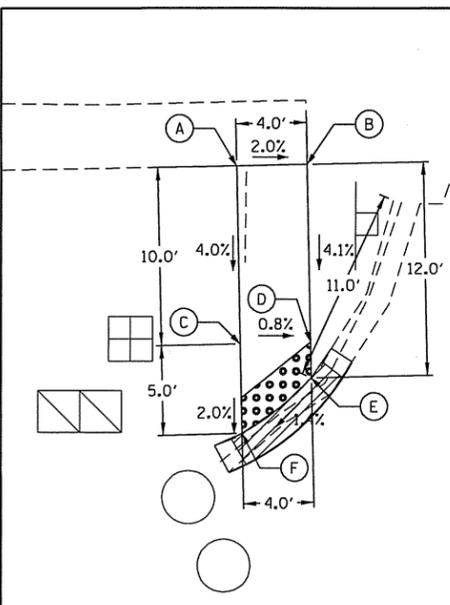
BENCHMARK:
RAILROAD SPIKE IN POWER POLE LOCATED AT NORTHEAST CORNER OF INTERSECTION OF IL ROUTE 50 AND CORNING AVENUE
ELEV=704.66 (NAVD 88)

EX. SIDEWALK CROSS SLOPE EXCEEDS 2.0%

LEGEND

- (A) POINT
- DETECTABLE WARNINGS
- CURB DEPRESSION
- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL AND SOD

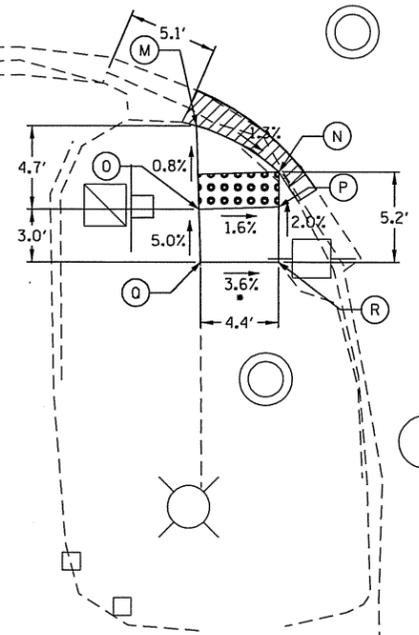
- TW PROPOSED TOP-OF-WALK ELEVATION
- TC PROPOSED TOP-OF-CURB ELEVATION
- EOP PROPOSED EDGE-OF-PAVEMENT ELEVATION
- MATCH MATCH EXISTING ELEVATION



CORNING AVENUE

IL ROUTE 50

EX. SIDEWALK CROSS SLOPE EXCEEDS 2.0%



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PROJECT CONTACT: \$PROJECT_CONTACTS
CLIENT: \$CLIENTS
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PEN TABLE: \$PEN_TABLE



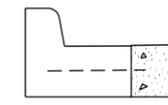
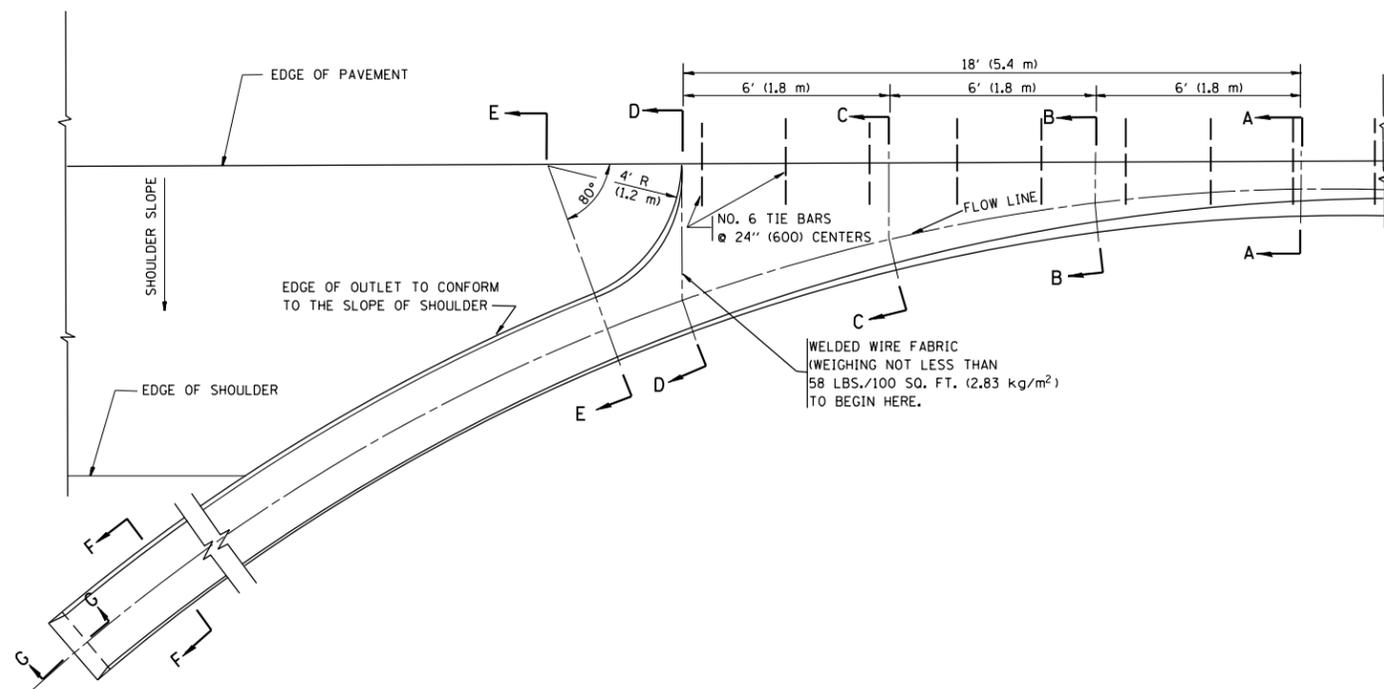
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PLOT DATE = 10/25/2016	DATE - 09/09/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
IL ROUTE 50**

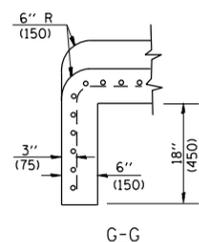
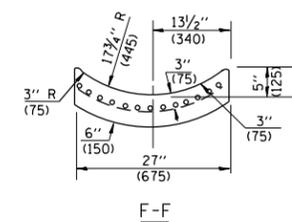
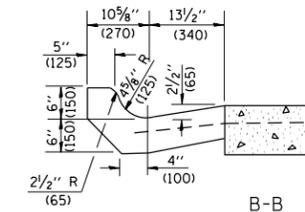
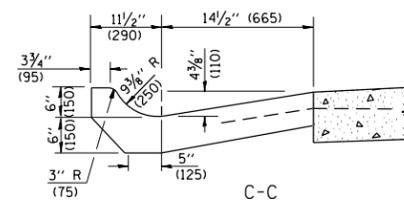
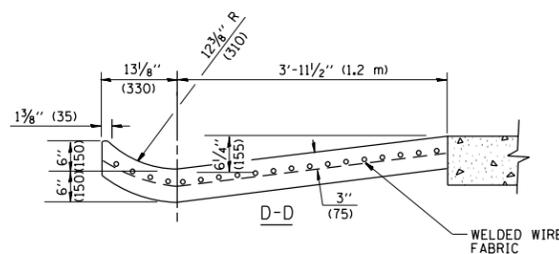
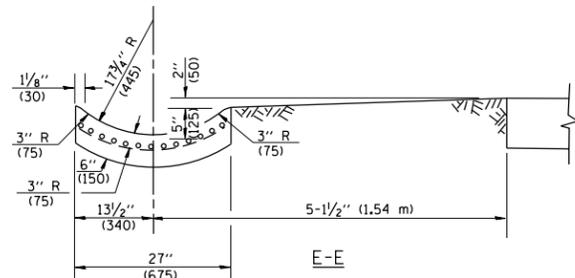
SCALE: 1" = 10' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 840	SECTION (142 & 143) RS-6	COUNTY WILL	TOTAL SHEETS 36	SHEET NO. 25
CONTRACT NO. 62C03				
ILLINOIS FED. AID PROJECT				



A-A *

* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 24\" (600) CENTERS UNLESS OTHERWISE SHOWN.

IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6\" (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL =
 1.25 CU. YDS. (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 9\" (225) PAV'T.
 1.27 CU. YDS. (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 10\" (250) PAV'T.
 FOR SECTION F-F =
 0.045 CU. YDS. (0.03 m³) CLASS SI CONCRETE PER FT. (m).

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

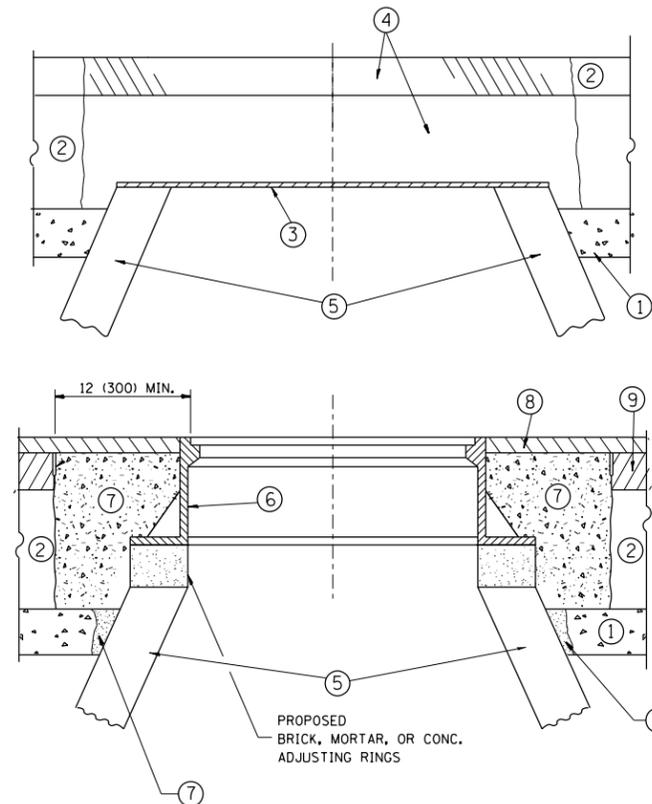
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	PLOT SCALE = 100.0000' / in.	DATE - 08-04-86	REVISED - E. GOMEZ 12-21-00
	PLOT DATE = 9/9/2016		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OUTLET FOR CONCRETE
CURB AND GUTTER**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	26
BD600-01 (BD-03)		CONTRACT NO. 62C03		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

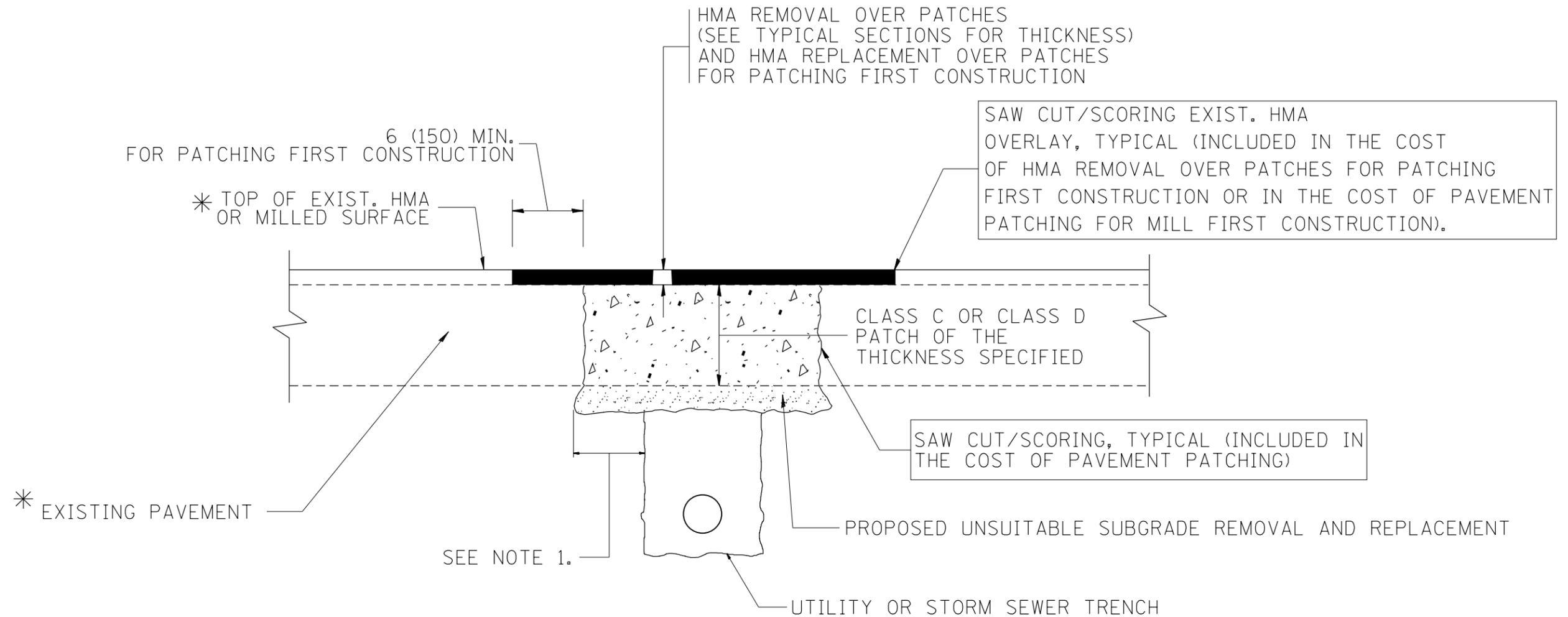
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	PLOT DATE = 9/9/2016	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	27
BD600-03 (BD-8)		CONTRACT NO. 62C03		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* 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)

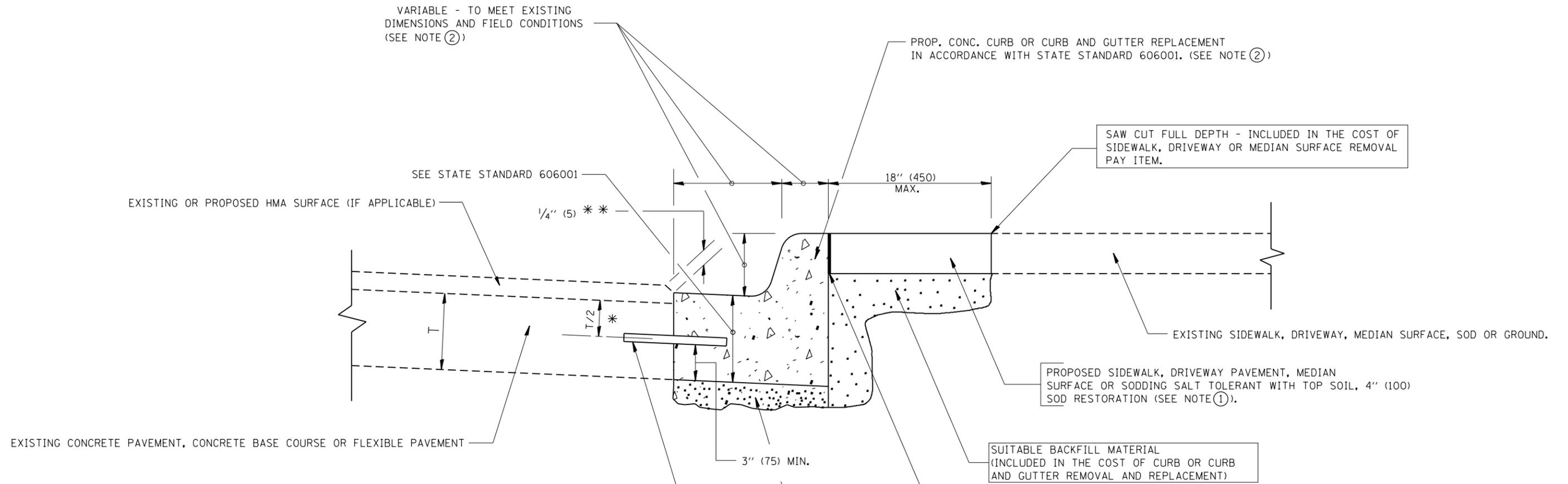
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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 = shiranisb	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI235\BROWNS\Design\DistStd.dgn	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 01-01-07					840	(142 & 143) RS-6	WILL	36	28
	PLOT DATE = 9/9/2016	DATE - 10-25-94	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 62C03				
			REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

* * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

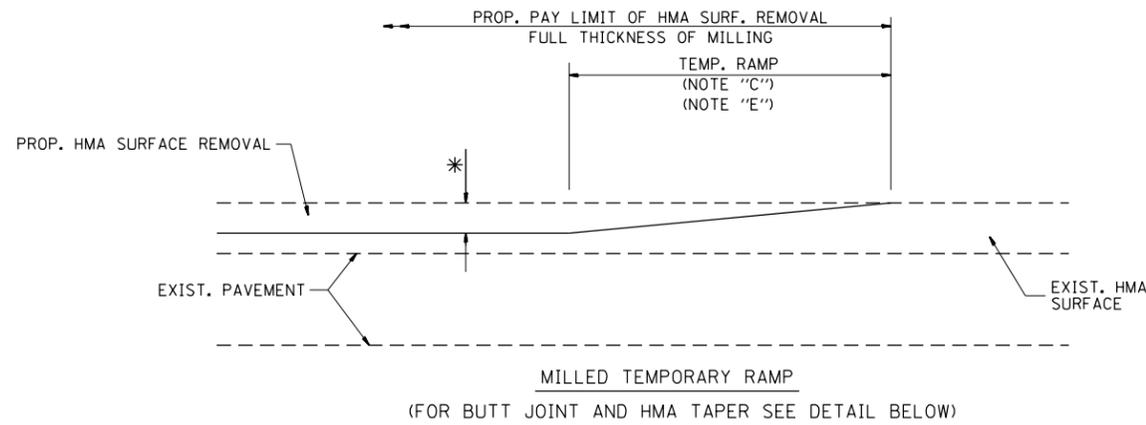
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE 3).

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

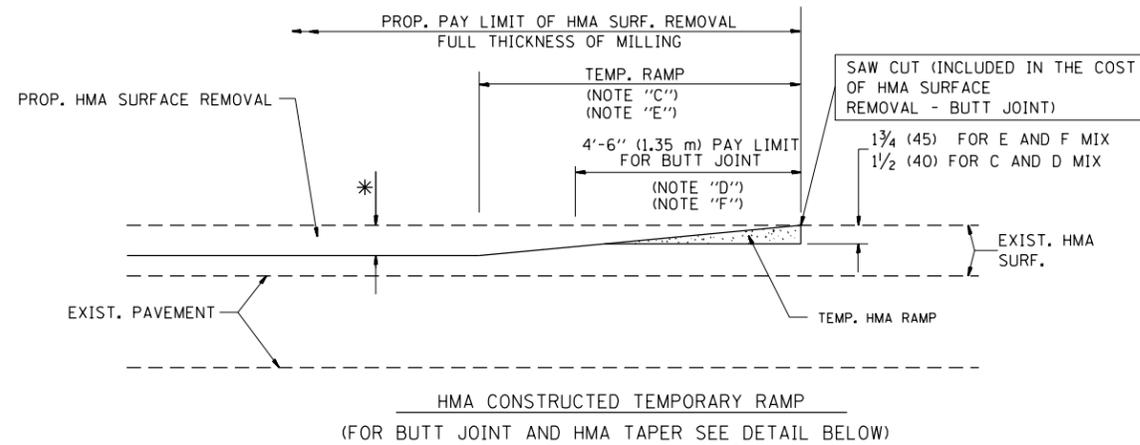
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = shiranisb	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI235\BROWN\Meta\Design\DistStd.dgn		REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01			840	(142 & 143) RS-6	WILL	36	29	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 12-15-09				BD600-06 (BD-24)		CONTRACT NO. 62C03			
PLOT DATE = 9/9/2016	DATE - 03-11-94					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

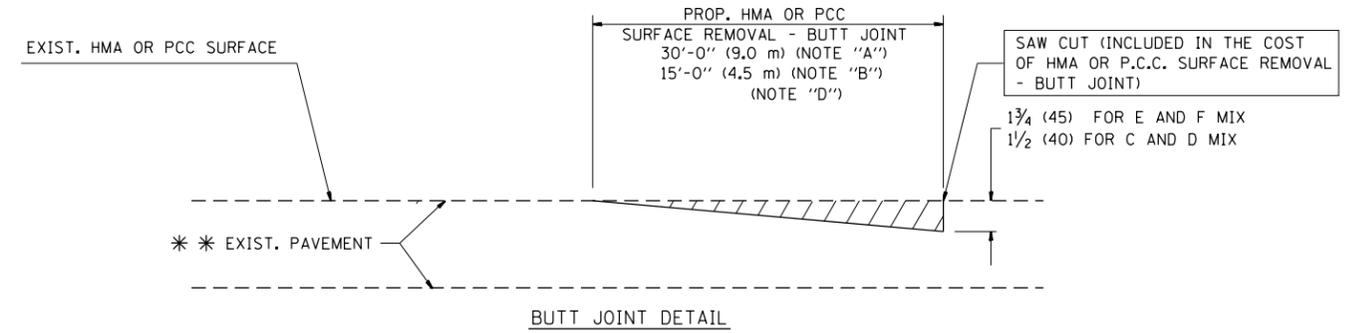


OPTION 1

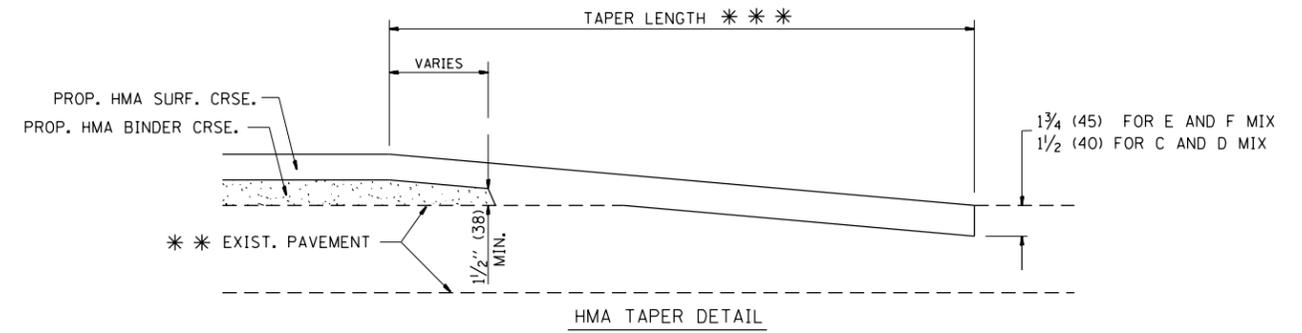


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

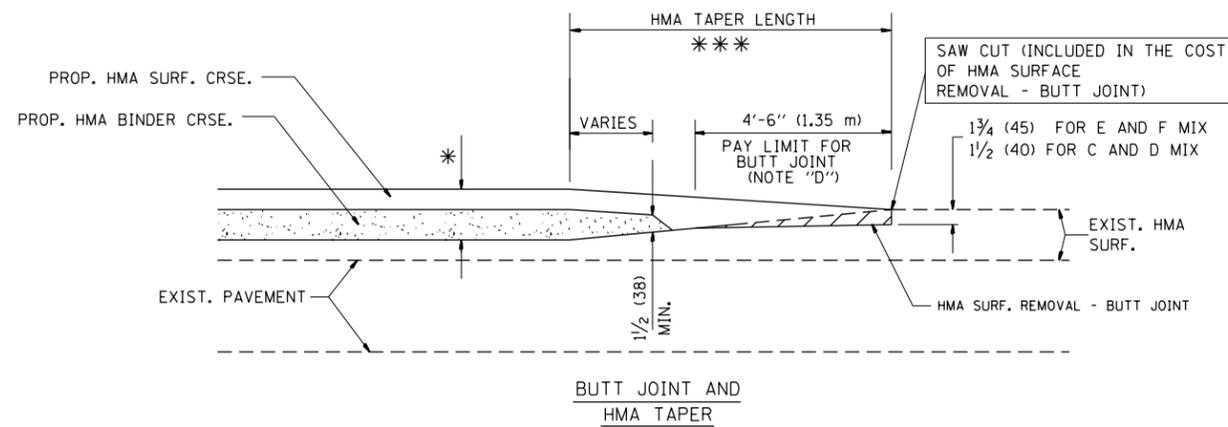
NOTES

- 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.



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

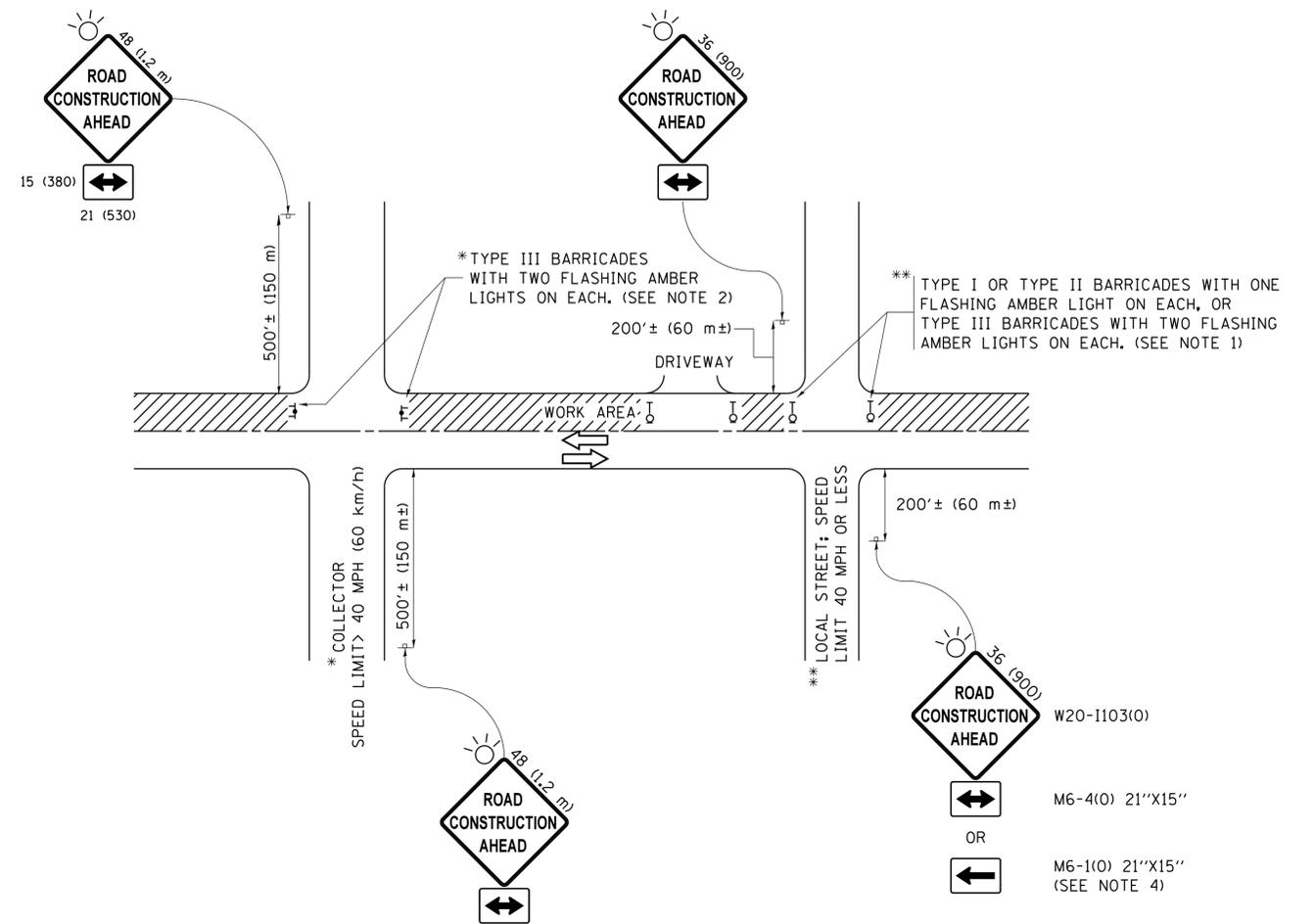
FILE NAME =	USER NAME = shiranisb	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI235\Drawings\Design\DistStd.dgn			REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 9/9/2016	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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	30
BD400-05 BD32		CONTRACT NO. 62C03		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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 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. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. 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).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

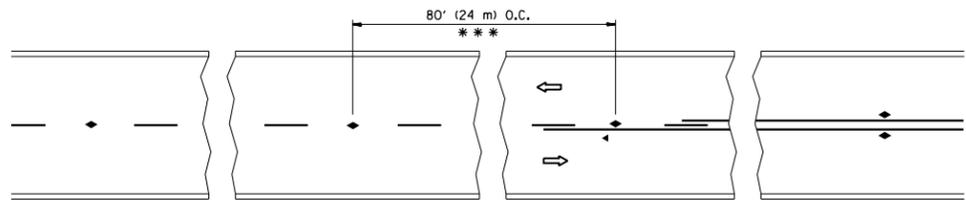
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Default	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

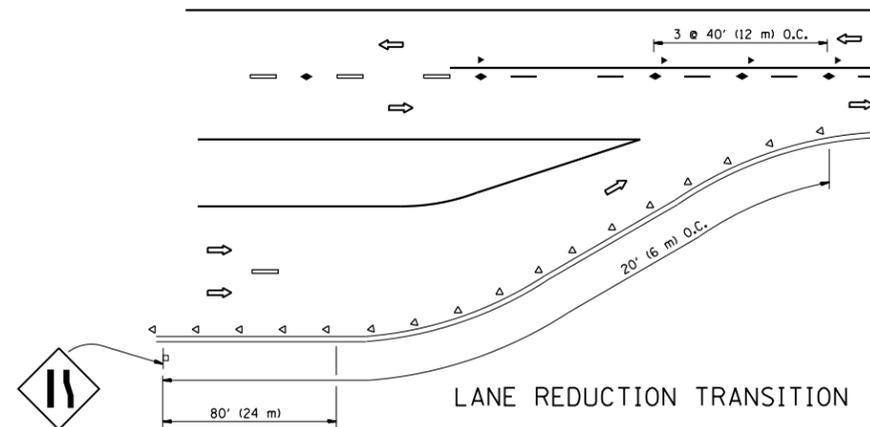
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 62C03	
ILLINOIS FED. AID PROJECT				

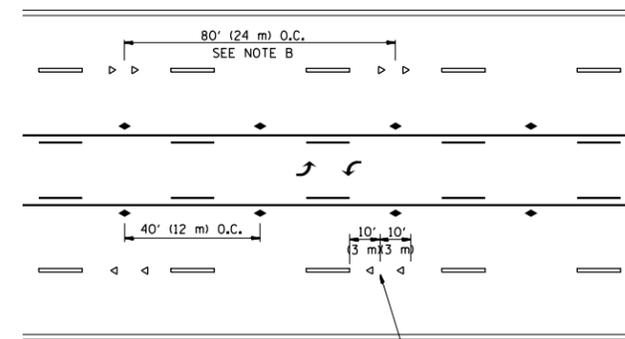


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

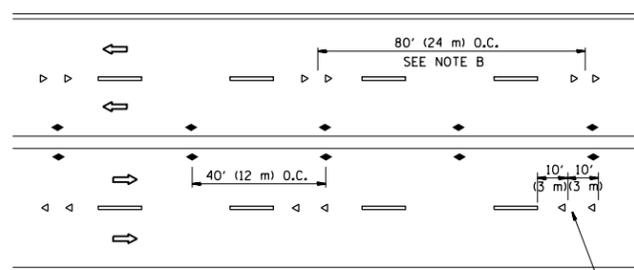
TWO-LANE/TWO-WAY



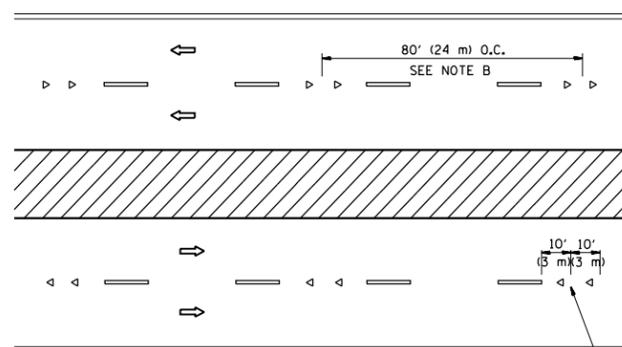
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

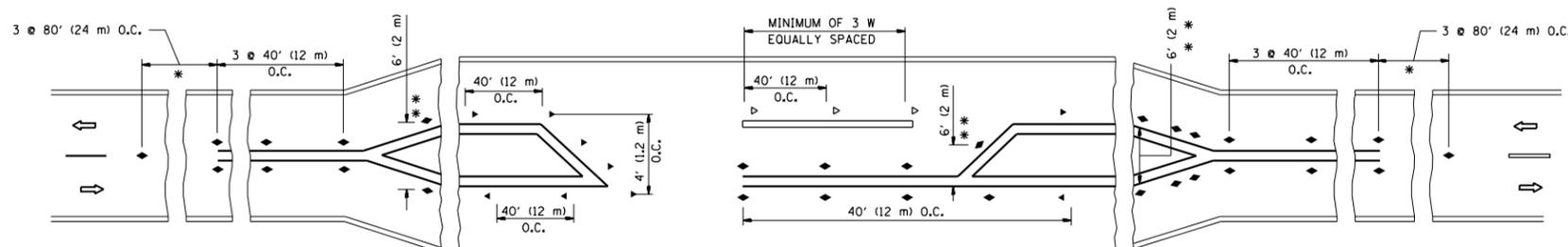
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

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

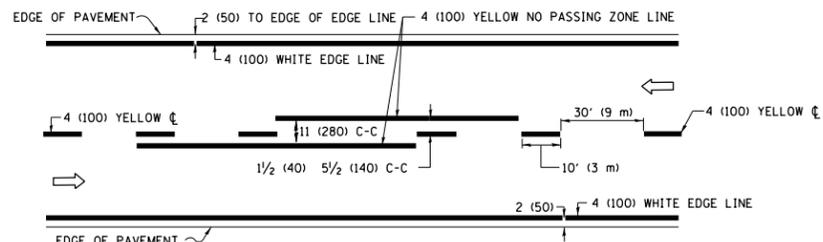
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		DATE -	REVISED - T. RAMMACHER 01-06-00
			REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

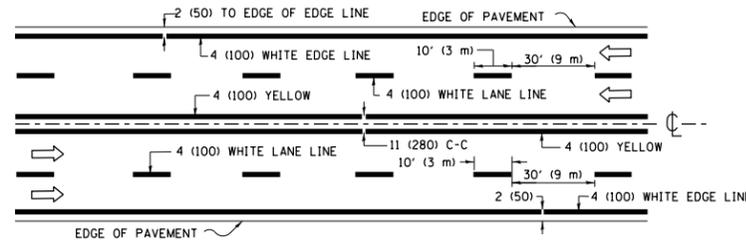
TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

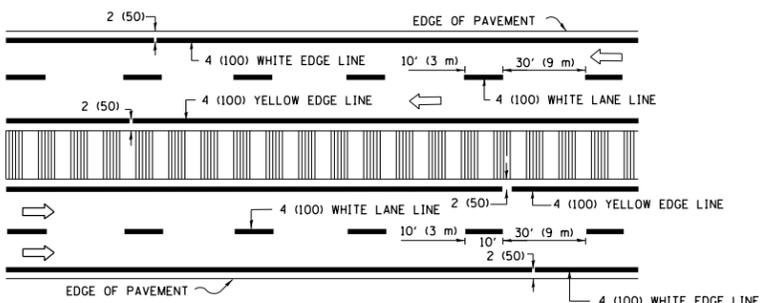
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	32
TC-11		CONTRACT NO. 62C03		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

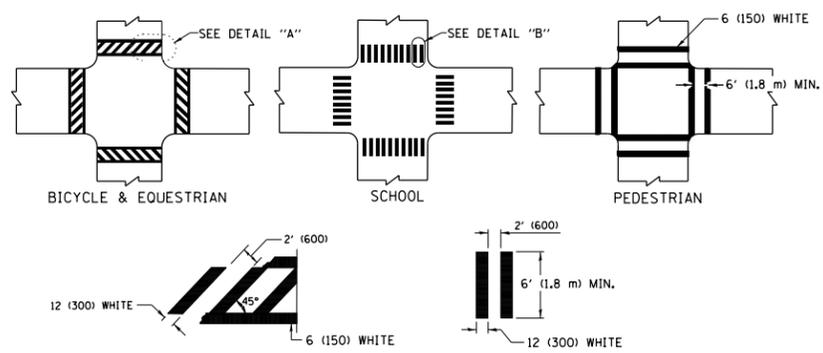


MULTI-LANE UNDIVIDED



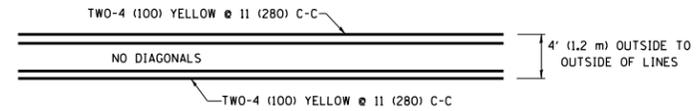
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

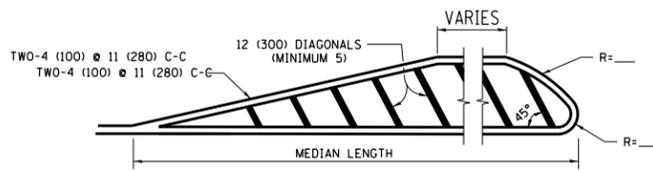


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

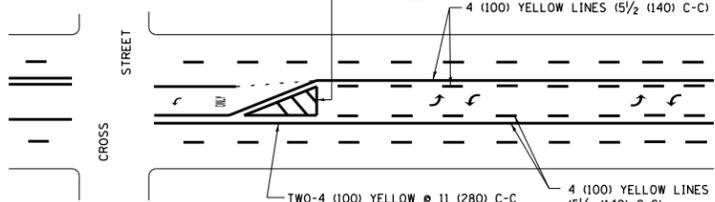


4' (1.2 m) WIDE MEDIANS ONLY



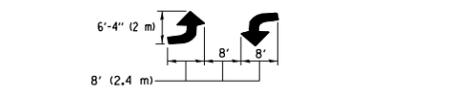
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

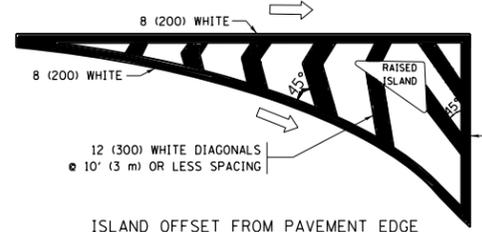
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



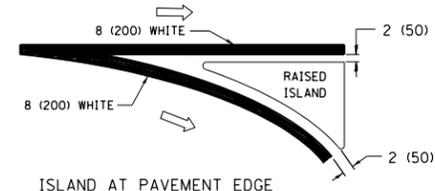
TYPICAL LEFT (OR RIGHT) TURN LANE

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* 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 TURN LANE MARKING

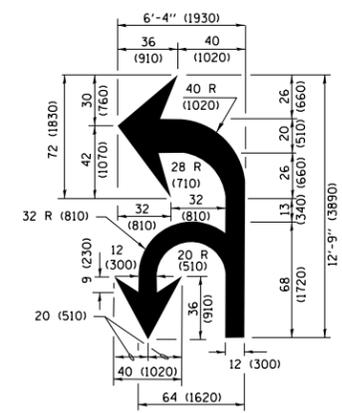


ISLAND OFFSET FROM PAVEMENT EDGE

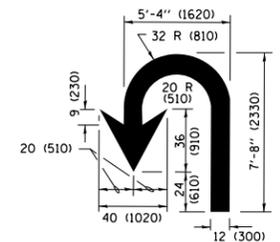


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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 1/2 (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 MEDIANS IN YELLOW
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 1/2 (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 ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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.

FILE NAME =	USER NAME = shiranisb	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI235\Browns\Design\DistStd.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT DATE = 9/9/2016	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
			REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	33
TC-13		CONTRACT NO. 62C03		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

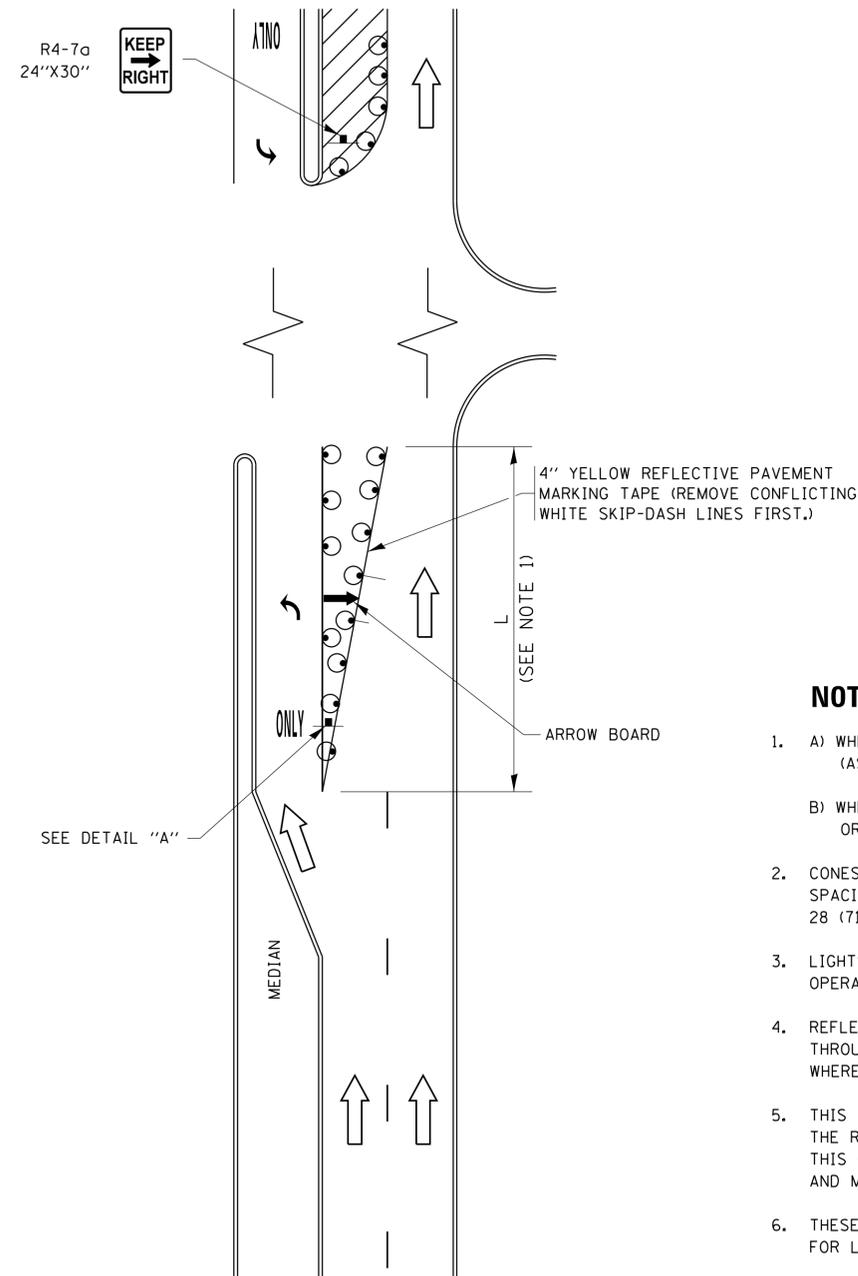


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

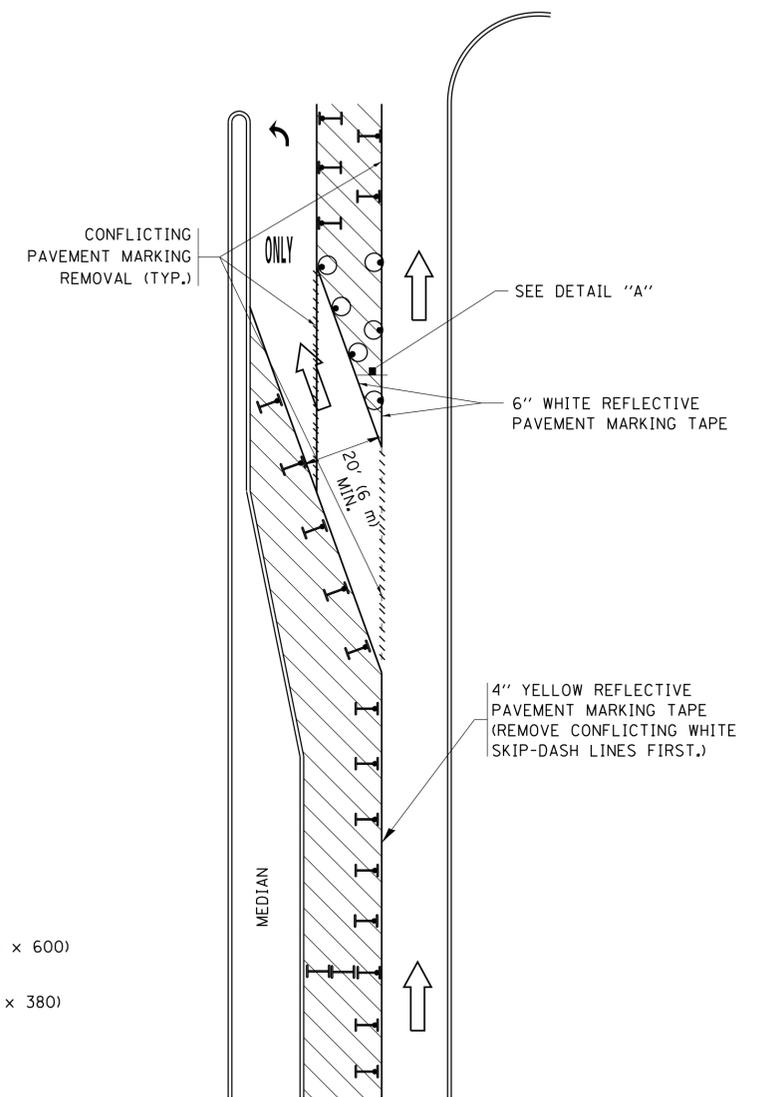


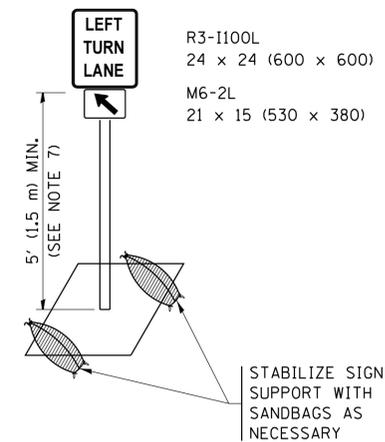
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

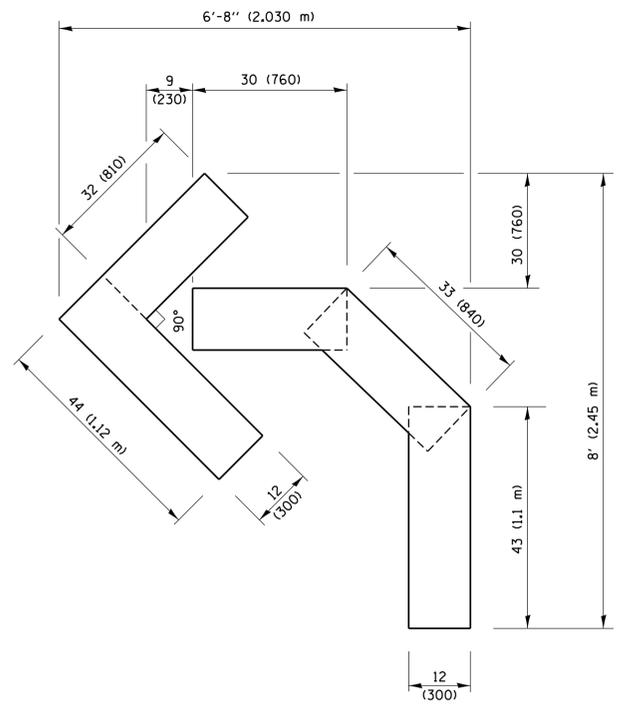


DETAIL A

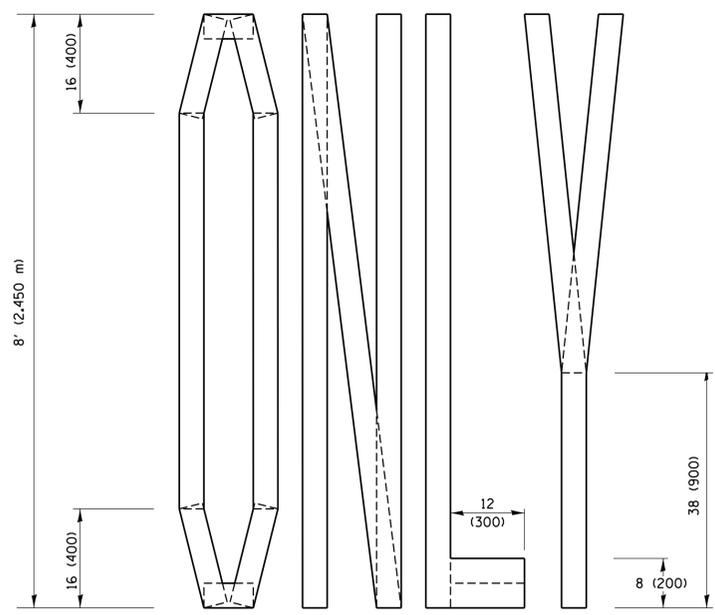
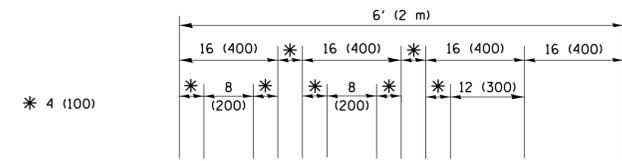
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\ADDATA\CAHOUSEH10-07-95	REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13	REVISED - A. SCHUETZE 07-01-13					840	(142 & 143) RS-6	WILL	36	34
Default	PLOT SCALE = 50.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		TC-14			CONTRACT NO. 62C03				
	PLOT DATE = 9/15/2016	REVISED - T. RAMMACHER 01-06-00	REVISED -		ILLINOIS FED. AID PROJECT							

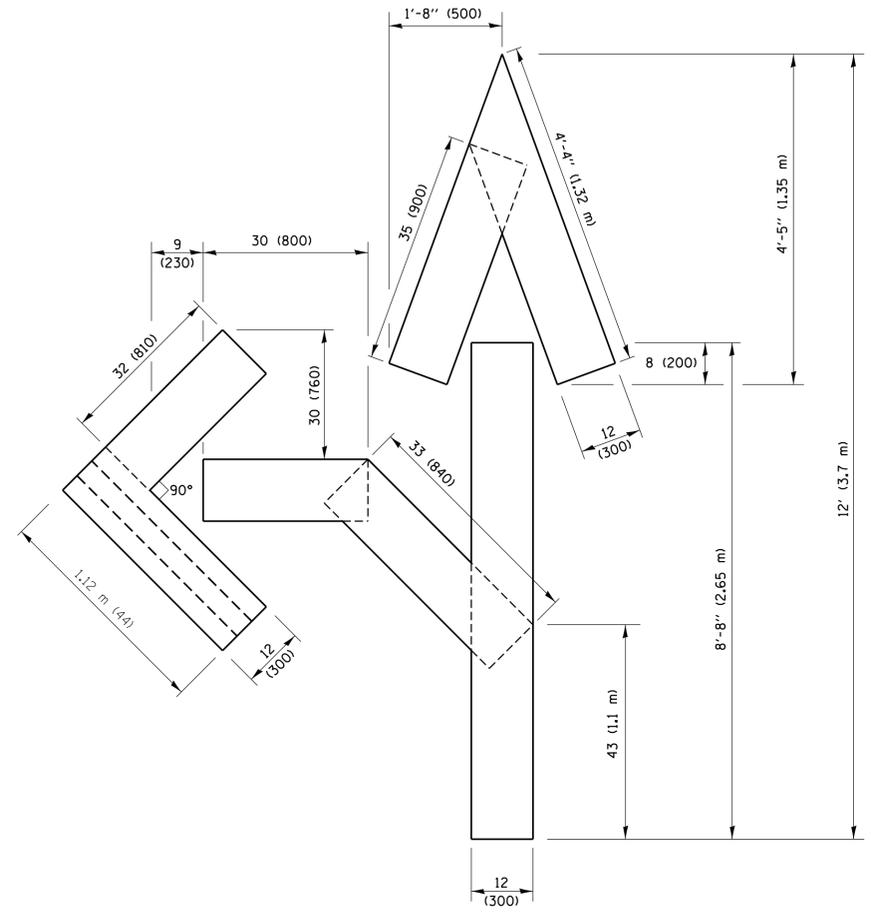
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

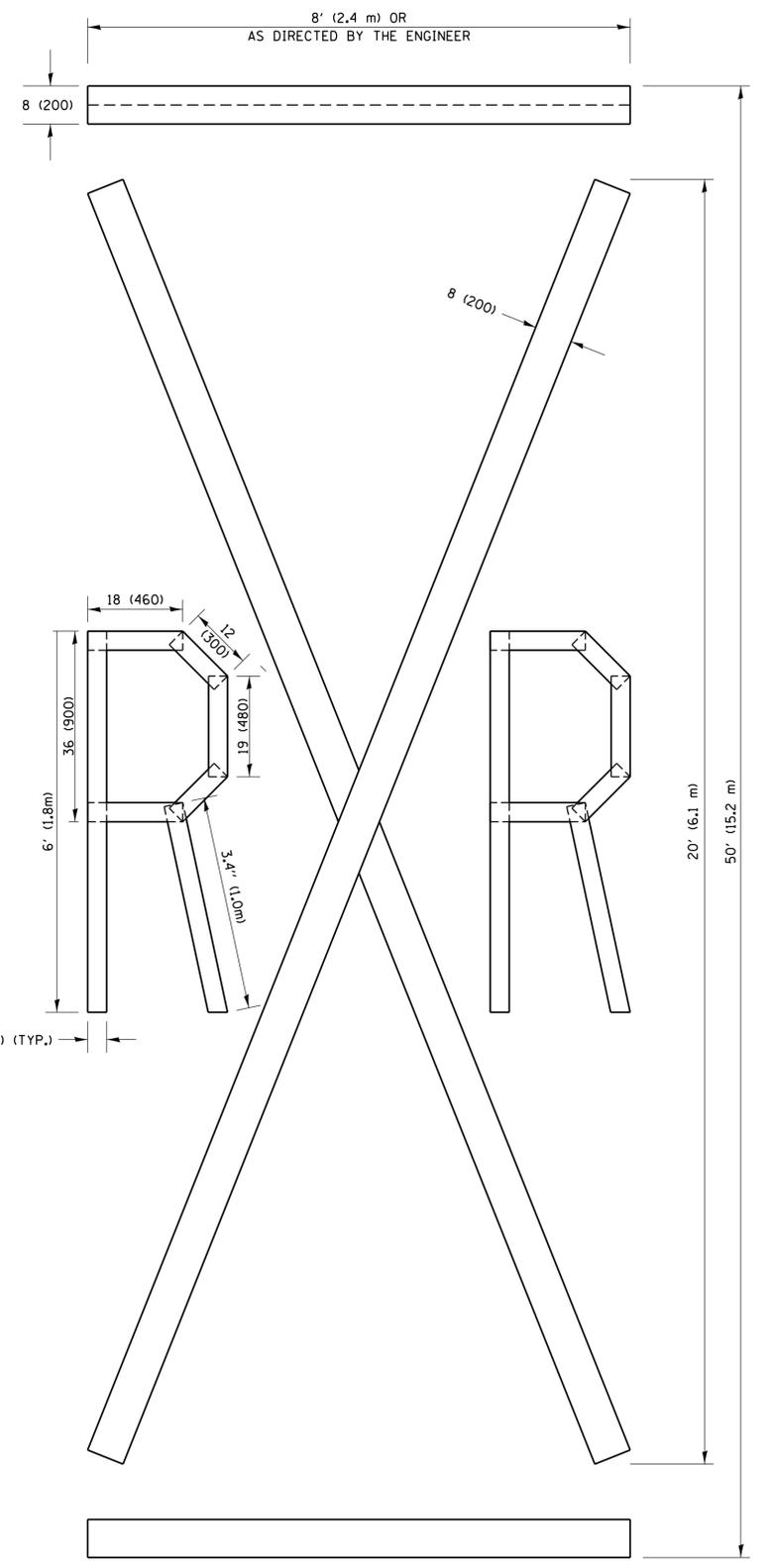


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

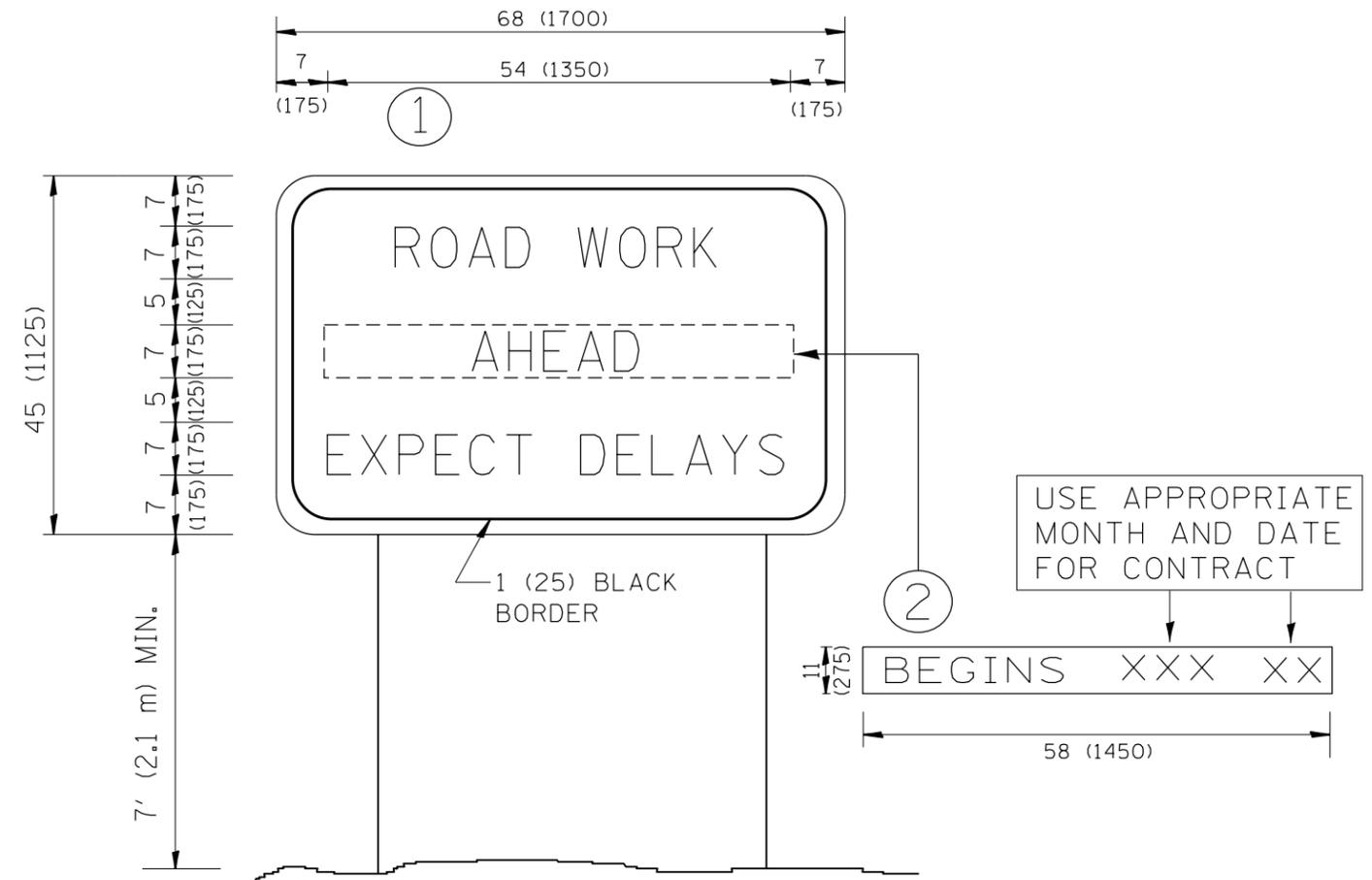
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = foote.mj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
pw:\ll084EBIDINTEG.111nois.gov\PIWDDT\Documents\IDOT Offices\District 1\Projects\Dist 1\CADD\CADData\CADsheets\tc16.dgn		DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0000 ' / in.		CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016		DATE -	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(142 & 143) RS-6	WILL	36	35
TC-16		CONTRACT NO. 62C03		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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 = shiranisb	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\11235\Drawings\Design\DistStd.dgn		CHECKED -	REVISED - R. MIRS 12-11-97			840	(142 & 143) RS-6	WILL	36	36
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED - T. RAMMACHER 02-02-99			TC-22		CONTRACT NO. 62C03		
PLOT DATE = 9/9/2016		REVISED - C. JUCIUS 01-31-07	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	