

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1317	112A-RS	WILL	21	1
		ILLINOIS	CONTRACT NO. 60N53	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

D-91-323-11

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAS RTE 1317: IL 113 (RIVER ST)
GRAY RD TO KANKAKEE CO. LINE

IMPROVEMENT IS LOCATED
IN CUSTER TOWNSHIP

SECTION: 112A-RS
RESURFACING AND CENTERLINE RUMBLE STRIPS
WILL COUNTY

C-91-323-11



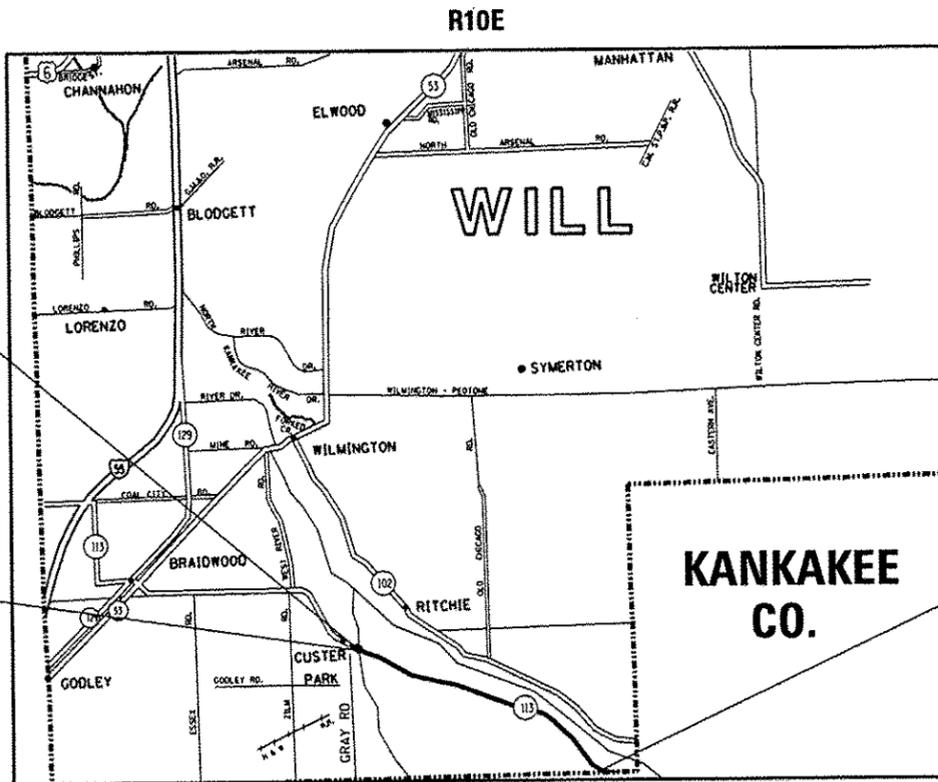
TRAFFIC DATA

2013 ADT = 2700

POSTED SPEED = 55 MPH

IMPROVEMENT BEGINS
STA 11+00

IL 113 OVER TERRY CREEK
SN 099-0172



IMPROVEMENT ENDS
STA 267+50

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

PROJECT ENGINEER MIDY, J. ALAIN (847) 221-3056
PROJECT MANAGER RAYYAN, ISSAM (847) 705-4178

CONTRACT NO. 60N53

GROSS AND NET LENGTH OF IMPROVEMENT = 25650 FT = 4.86 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 15 2014
John Frankman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 27 2014
John D. Baranzoni, PE
ENGINEER OF DESIGN AND ENVIRONMENT

June 27 2014
Omer Osman, PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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21	ARTERIAL ROAD INFORMATION SIGNING (TC-22)

LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
442201-03	CLASS C AND D PATCHES
482011-03	BITUMINOUS SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE 2L, 2W, DAY ONLY FOR SPEEDS >45 MPH
701301-04	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
701306-03	LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701336-06	LANE CLOSURE 2L, 2W WORK AREAS IN SERIES, FOR SPEEDS >45 MPH
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

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

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND CUSTER TOWNSHIP.

THE 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 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 40 MPH (80KM/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) OR A NOTCHED LONGITUDINAL WEDGE IS USED.

BEFORE BEGINING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND REVISED 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.

THE ENGINEER SHALL CONTACT CORY JUCUS, ARTERIAL TRAFFIC OPERATIONS ENGINEER AT (847) 705-4411 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

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

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

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

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

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

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.

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

THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

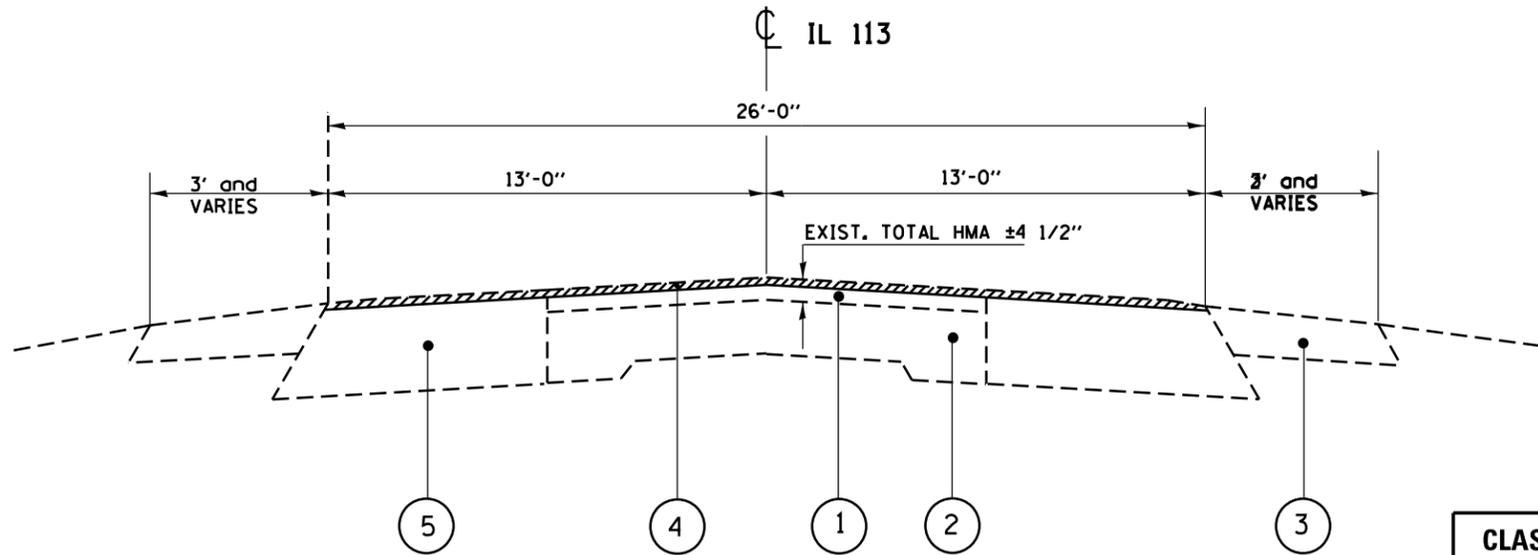
PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III AND ITS REMOVAL SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING.

ALL PAVEMENT MARKINGS SHALL BE REMOVED FROM PAVEMENT BEFORE HOT-IN-PLACE RECYCLING OPERATION BEGINS.

FILE NAME =	USER NAME = Gorengautab	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 1317 /IL 113 (RIVER ST) GRAY RD TO KANKAKEE CO. LINE			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
or:\p\work\p\idat\gorengautab\0249442	0132311-shi-plan2.dgn	DRAWN -	REVISED -		INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES			1317	112A-RS	WILL	21	2
	PLOT SCALE = 100.0000 1 / in.	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60N53		
	PLOT DATE = 5/16/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE 0005					SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE 0005				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	URBAN 100% STATE 0005						CODE NO	ITEM	UNIT	TOTAL QUANTITIES	URBAN 100% STATE 0005					
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4, 75, N50	TON	2840	2840						70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	85005	85005					
40600895	CONSTRUCTING TEST STRIP	EACH	2	2						70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	35	35					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	50 YD	200	200						70301000	WORK ZONE PAVEMENT MARKING REMOVAL	50 FT	28405	28405					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6500	6500					*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	51200	51200					
44000150	HOT-MIX ASPHALT SURFACE REMOVAL, 1/4"	50 YD	837	837					*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	35	35					
44201815	CLASS D PATCHES, TYPE II, 14 INCH	50 YD	330	330					*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	408	408					
44201819	CLASS D PATCHES, TYPE III, 14 INCH	50 YD	65	65					*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	670	670					
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	50 YD	270	270						78300100	PAVEMENT MARKING REMOVAL	50 FT	28510	28510					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2695	2695						78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	670	670					
58700300	CONCRETE SEALER	50 FT	1420	1420						X0322.052	ASPHALT REJUVENATING AGENT	GALLON	7450	7450					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3						X0326B98	CENTER LINE - RUMBLE STRIP - 16"	FOOT	25450	25450					
67100100	MOBILIZATION	L SUM	1	1						X2020110	GRADING AND SHAPING SHOULDERS	UNIT	512	512					
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1						X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	33525	33525					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1					*	X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	33805	33805					
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1						Z0010619	HOT IN-PLACE RECYCLING	50 YD	74500	74500					* SPECIALTY ITEMS
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13300	13300						Z0030850	TEMPORARY INFORMATION SIGNING	50 FT	51.4	51.4					

FILE NAME =	USER NAME = Garapav00	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 1317 /IL 113 (RIVER ST) GRAY RD TO KANKAKEE CO. LINE SUMMARY OF QUANTITIES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DATE	DATE	1317	112A-RS			WILL	21	3		
PLOT SCALE = 100,000' / 1"	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 60M53				
PLOT DATE = 5/16/2014	DATE	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
				SCALE: SHEET NO. OF SHEETS STA. TO STA.						



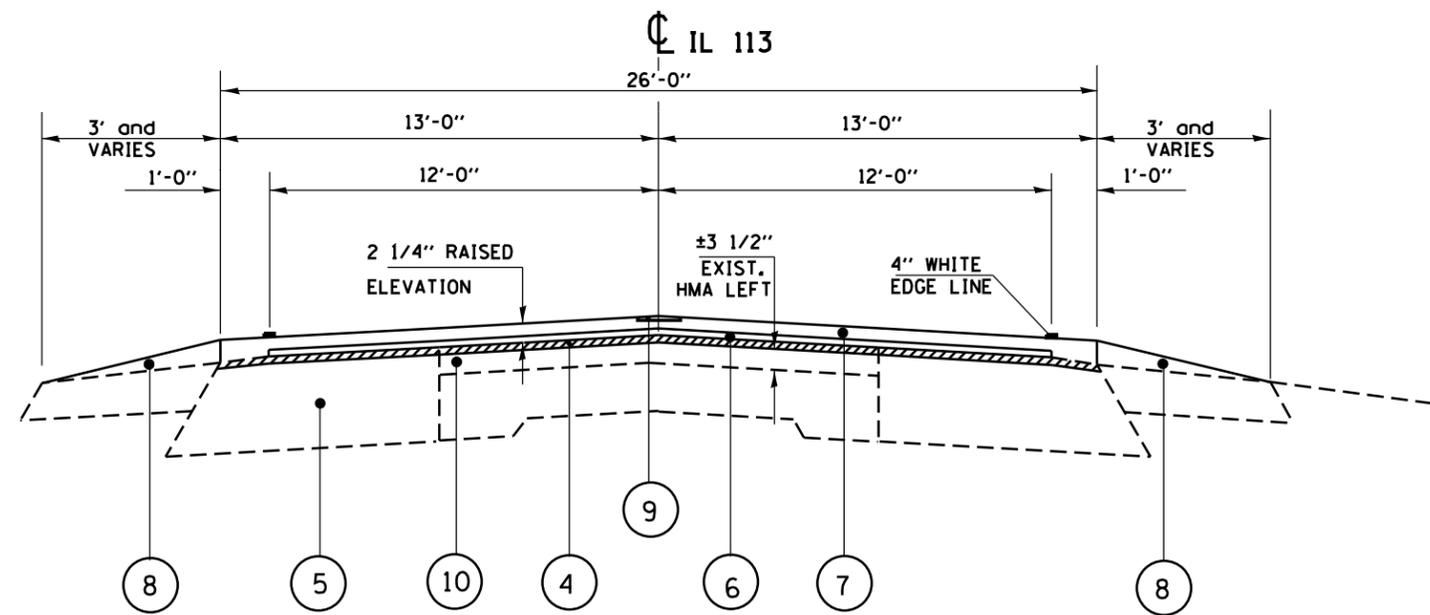
EXISTING TYPICAL SECTION
STA 11+00 TO STA 267+50

CLASS D PATCHES SHALL BE DONE BEFORE HOT-IN-PLACE RECYCLING

LEGEND

- ① EXISTING HMA ±4 1/2"
- ② EXISTING P.C.C. BASE COURSE 9''-7''-9''
- ③ EXISTING AGGREGATE SHOULDER, TYPE B
- ④ PROPOSED HOT IN-PLACE RECYCLING, 1"
- ⑤ EXISTING HMA ±14"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (M M), IL -4.75, N 50, 3/4"
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑧ PROPOSED WEDGE AGGREGATE SHOULDERS, TYPE B
- ⑨ PROPOSED CENTERLINE RUMBLE STRIPS
- ⑩ EXISTING REMAINING HMA ± 3 1/2"

HMA MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS e Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 (IL 9.5 mm)	4% e 70 GYR	QCP
POLYMERIZED LEVELING BINDER (M M), IL -4.75, N50	3.5% e 50 GYR	QCP
CLASS D PATCHES, (HMA BINDER IL-19 mm)	4% e 70 GYR	Qc /Qa
Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP).		



PROPOSED TYPICAL SECTION
STA 11+00 TO STA 267+50

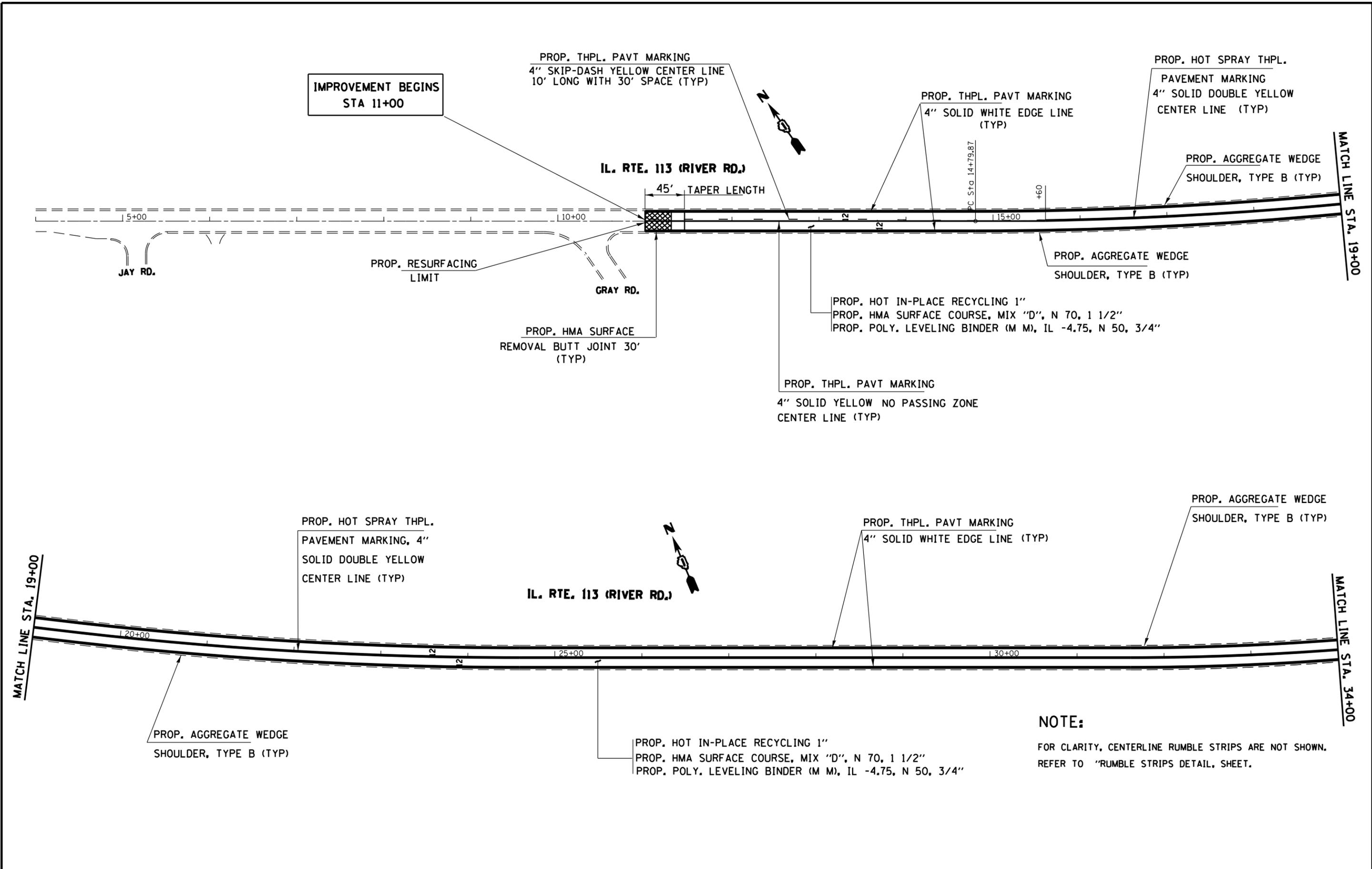
NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ. YD. / IN.

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 SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUANTITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

MILLED RUMBLE STRIPS ARE TO BE PLACED ALONG CENTERLINE AT STA 11+00 TO STA 267+50.



IMPROVEMENT BEGINS
STA 11+00

PROP. THPL. PAVT MARKING
4" SKIP-DASH YELLOW CENTER LINE
10' LONG WITH 30' SPACE (TYP)

PROP. THPL. PAVT MARKING
4" SOLID WHITE EDGE LINE
(TYP)

PROP. HOT SPRAY THPL.
PAVEMENT MARKING
4" SOLID DOUBLE YELLOW
CENTER LINE (TYP)

PROP. AGGREGATE WEDGE
SHOULDER, TYPE B (TYP)

IL. RTE. 113 (RIVER RD.)

45' TAPER LENGTH

PC Sta 14+79.87

+60

5+00

10+00

12

12

15+00

JAY RD.

PROP. RESURFACING
LIMIT

GRAY RD.

PROP. AGGREGATE WEDGE
SHOULDER, TYPE B (TYP)

PROP. HMA SURFACE
REMOVAL BUTT JOINT 30'
(TYP)

PROP. HOT IN-PLACE RECYCLING 1"
PROP. HMA SURFACE COURSE, MIX "D", N 70, 1 1/2"
PROP. POLY. LEVELING BINDER (M M), IL -4.75, N 50, 3/4"

PROP. THPL. PAVT MARKING
4" SOLID YELLOW NO PASSING ZONE
CENTER LINE (TYP)

PROP. HOT SPRAY THPL.
PAVEMENT MARKING, 4"
SOLID DOUBLE YELLOW
CENTER LINE (TYP)

IL. RTE. 113 (RIVER RD.)

PROP. THPL. PAVT MARKING
4" SOLID WHITE EDGE LINE (TYP)

PROP. AGGREGATE WEDGE
SHOULDER, TYPE B (TYP)

MATCH LINE STA. 19+00

20+00

25+00

30+00

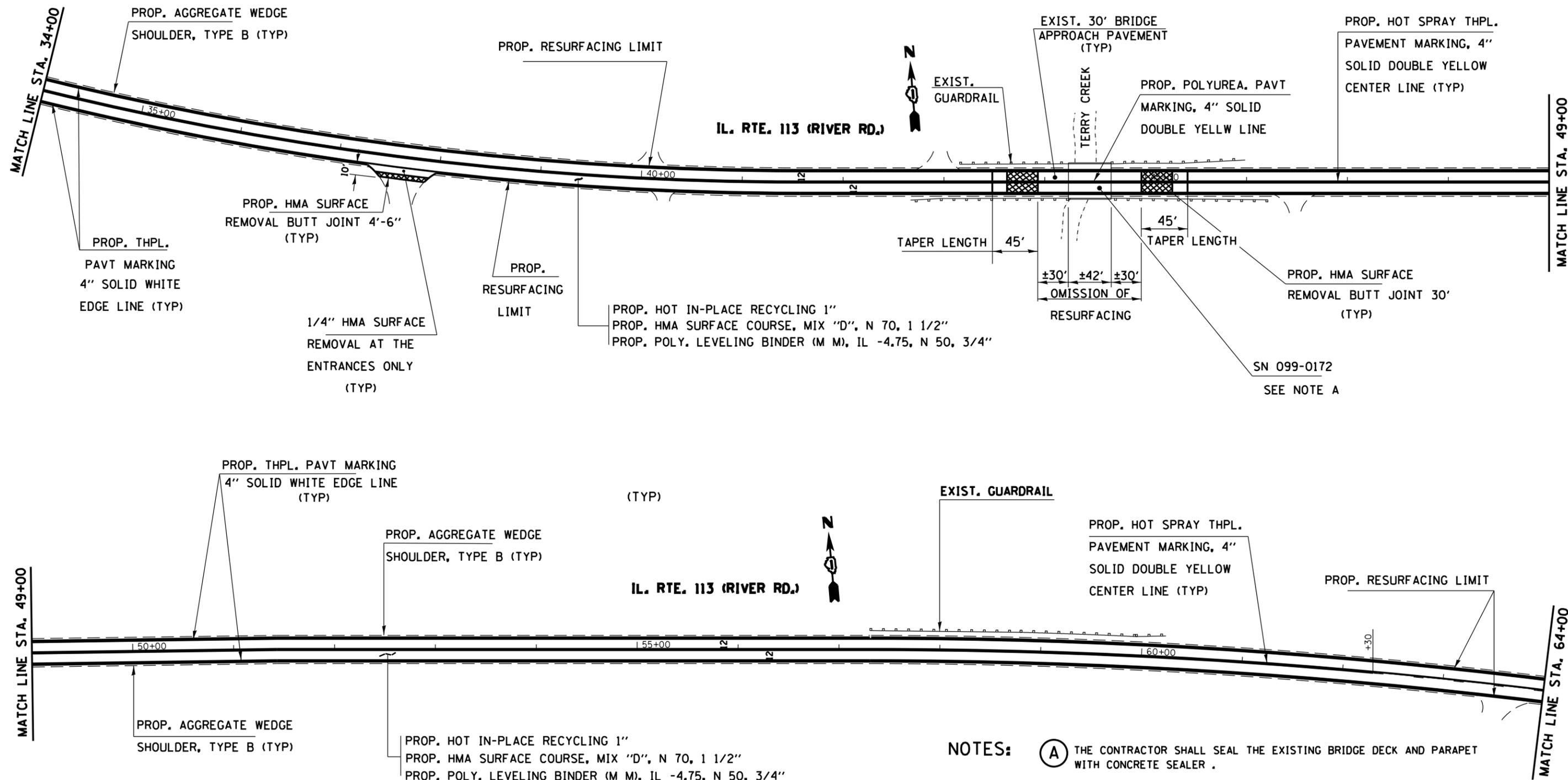
MATCH LINE STA. 34+00

PROP. AGGREGATE WEDGE
SHOULDER, TYPE B (TYP)

PROP. HOT IN-PLACE RECYCLING 1"
PROP. HMA SURFACE COURSE, MIX "D", N 70, 1 1/2"
PROP. POLY. LEVELING BINDER (M M), IL -4.75, N 50, 3/4"

NOTE:
FOR CLARITY, CENTERLINE RUMBLE STRIPS ARE NOT SHOWN.
REFER TO "RUMBLE STRIPS DETAIL, SHEET.

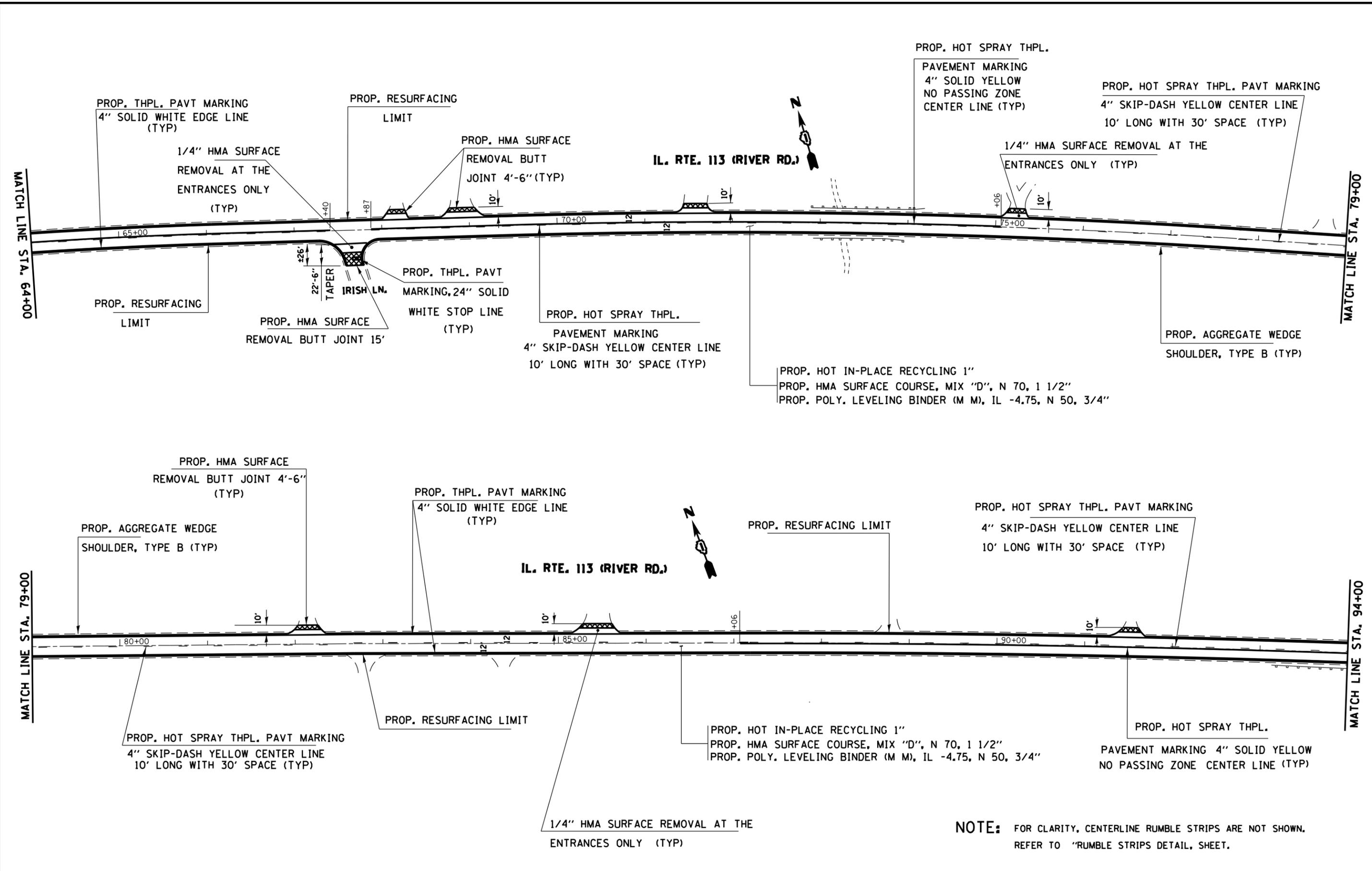
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 60N53				
PLOT DATE = 5/7/2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			



FOR CLARITY, CENTERLINE RUMBLE STRIPS ARE NOT SHOWN.
REFER TO "RUMBLE STRIPS DETAIL, SHEET.

- NOTES:**
- (A) THE CONTRACTOR SHALL SEAL THE EXISTING BRIDGE DECK AND PARAPET WITH CONCRETE SEALER .
 - THE CONTRACTOR SHALL CLEAN THE DECK PRIOR TO APPLICATION OF THE CONCRETE SEALER TO THE SATISFACTION OF THE ENGINEER.
 - COST OF THE CLEANING IS INCLUDED IN THE COST OF BRIDGE DECK CONCRETE SEALER. SEE BRIDGE PLANS SHT. #14.

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											CONTRACT NO. 60N53			ILLINOIS FED. AID PROJECT	

IL. RTE. 113 (RIVER RD.)



MATCH LINE STA. 94+00

MATCH LINE STA. 109+00

PROP. HOT SPRAY THPL. PAVT MARKING
4" SKIP-DASH YELLOW CENTER LINE
10' LONG WITH 30' SPACE (TYP)

PROP. THPL. PAVT MARKING
4" SOLID WHITE EDGE LINE (TYP)

PROP. HOT SPRAY THPL. PAVEMENT MARKING
4" SOLID YELLOW NO PASSING ZONE CENTER LINE (TYP)

PROP. HOT IN-PLACE RECYCLING 1"
PROP. HMA SURFACE COURSE, MIX "D", N 70, 1 1/2"
PROP. POLY. LEVELING BINDER (M M), IL -4.75, N 50, 3/4"

PROP. HOT SPRAY THPL. PAVEMENT MARKING
4" SOLID DOUBLE YELLOW CENTER LINE (TYP)

PROP. AGGREGATE WEDGE SHOULDER, TYPE B (TYP)

PROP. HOT SPRAY THPL. PAVT MARKING
4" SKIP-DASH YELLOW CENTER LINE
10' LONG WITH 30' SPACE (TYP)

PROP. THPL. PAVT MARKING
4" SOLID WHITE EDGE LINE (TYP)

PROP. HOT SPRAY THPL. PAVT MARKING
4" SOLID YELLOW NO PASSING ZONE CENTER LINE (TYP)

PROP. HOT SPRAY THPL. PAVT MARKING
4" SKIP-DASH YELLOW CENTER LINE
10' LONG WITH 30' SPACE (TYP)

IL. RTE. 113 (RIVER RD.)



MATCH LINE STA. 109+00

MATCH LINE STA. 124+00

PROP. RESURFACING LIMIT

PROP. HOT SPRAY THPL. PAVT MARKING
4" SKIP-DASH YELLOW CENTER LINE
10' LONG WITH 30' SPACE (TYP)

PROP. HMA SURFACE REMOVAL BUTT JOINT 4'-6" (TYP)

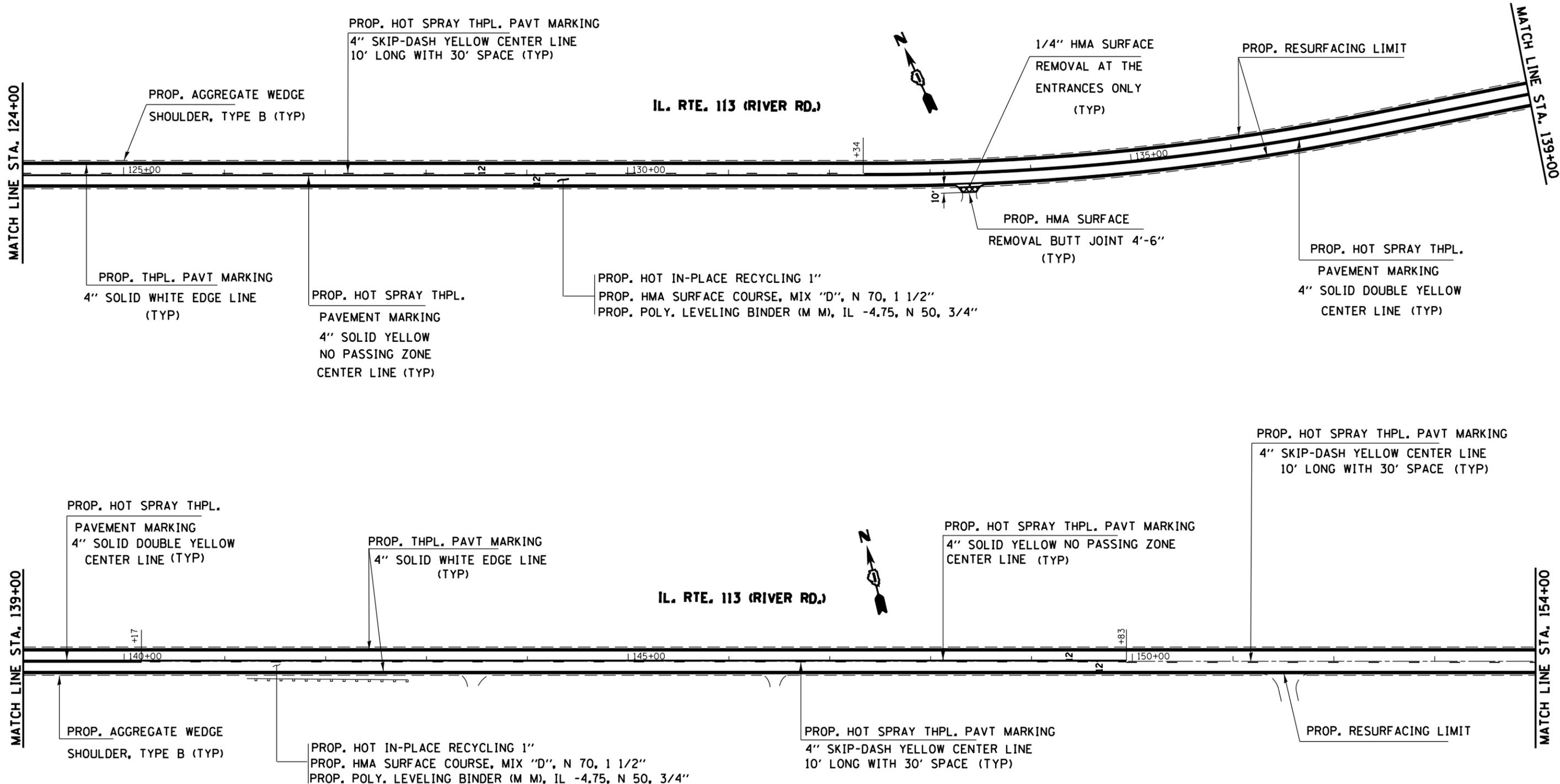
1/4" HMA SURFACE REMOVAL AT THE ENTRANCES ONLY (TYP)

PROP. HOT IN-PLACE RECYCLING 1"
PROP. HMA SURFACE COURSE, MIX "D", N 70, 1 1/2"
PROP. POLY. LEVELING BINDER (M M), IL -4.75, N 50, 3/4"

PROP. HOT SPRAY THPL. PAVEMENT MARKING
4" SOLID YELLOW NO PASSING ZONE CENTER LINE (TYP)

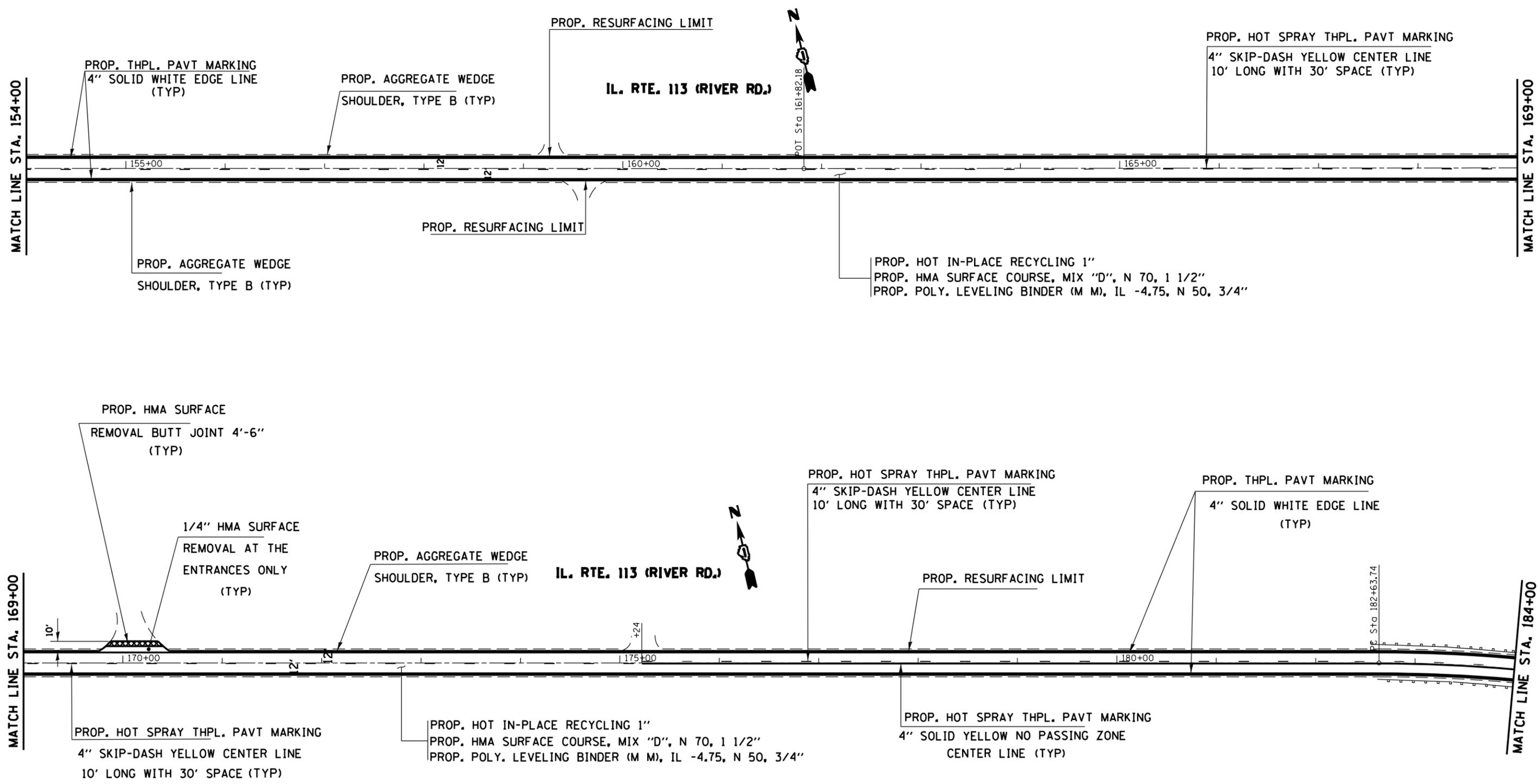
NOTE: FOR CLARITY, CENTERLINE RUMBLE STRIPS ARE NOT SHOWN.
REFER TO "RUMBLE STRIPS DETAIL, SHEET."

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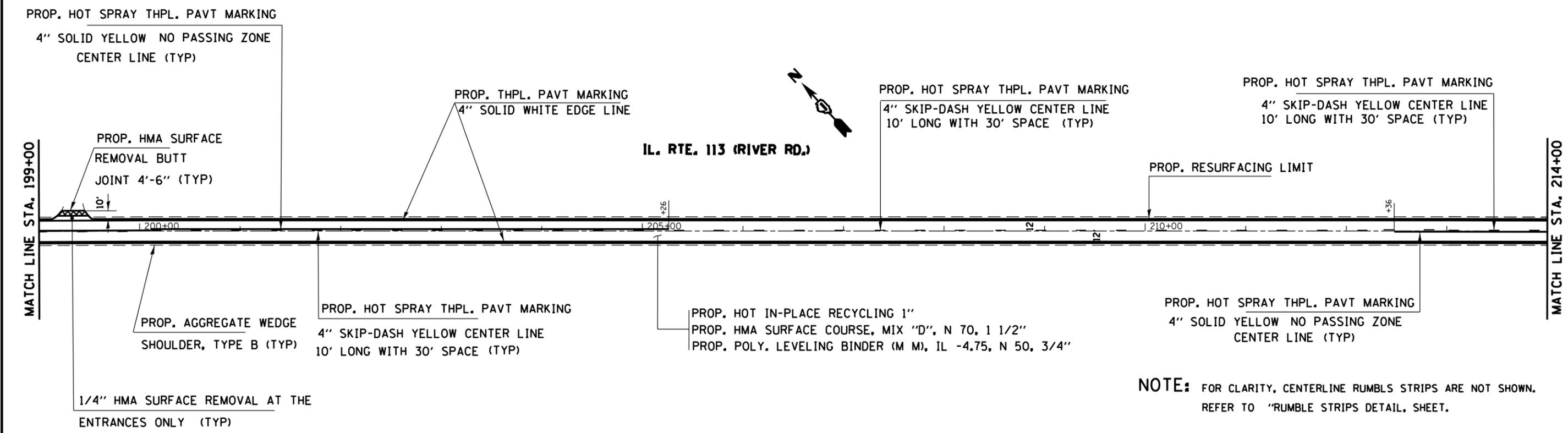
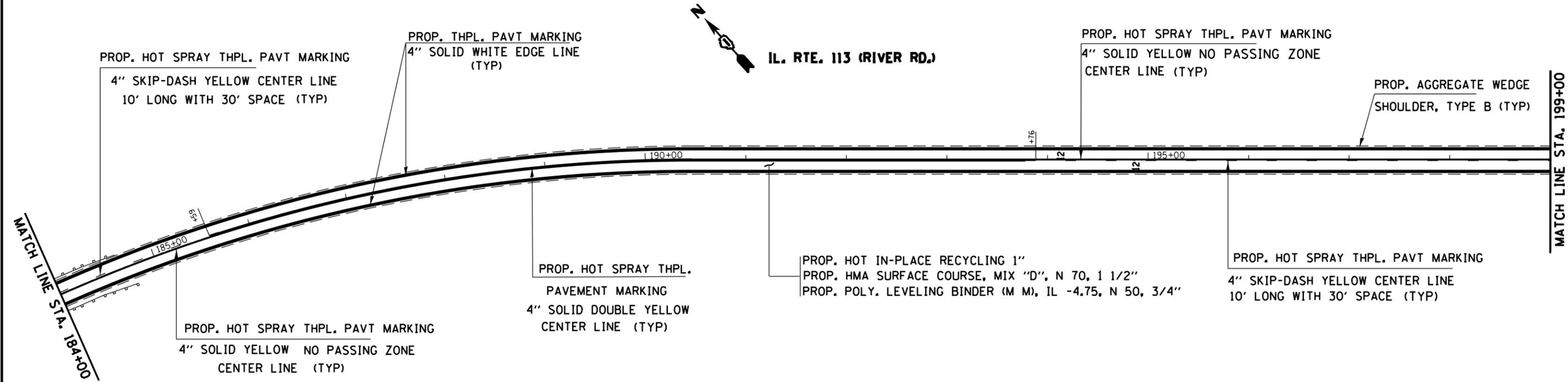
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PLOT DATE = 5/7/2014	CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 60N53						
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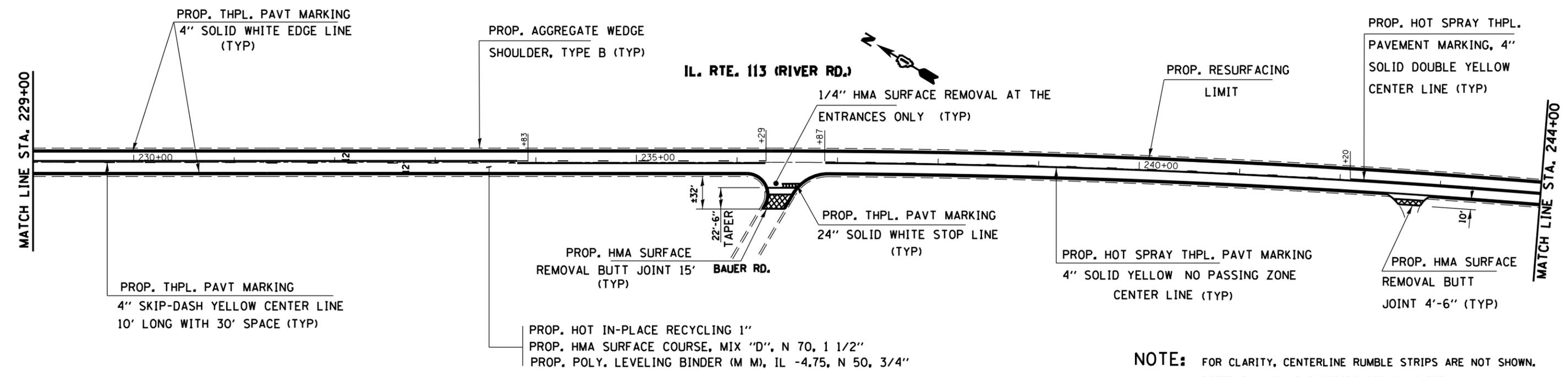
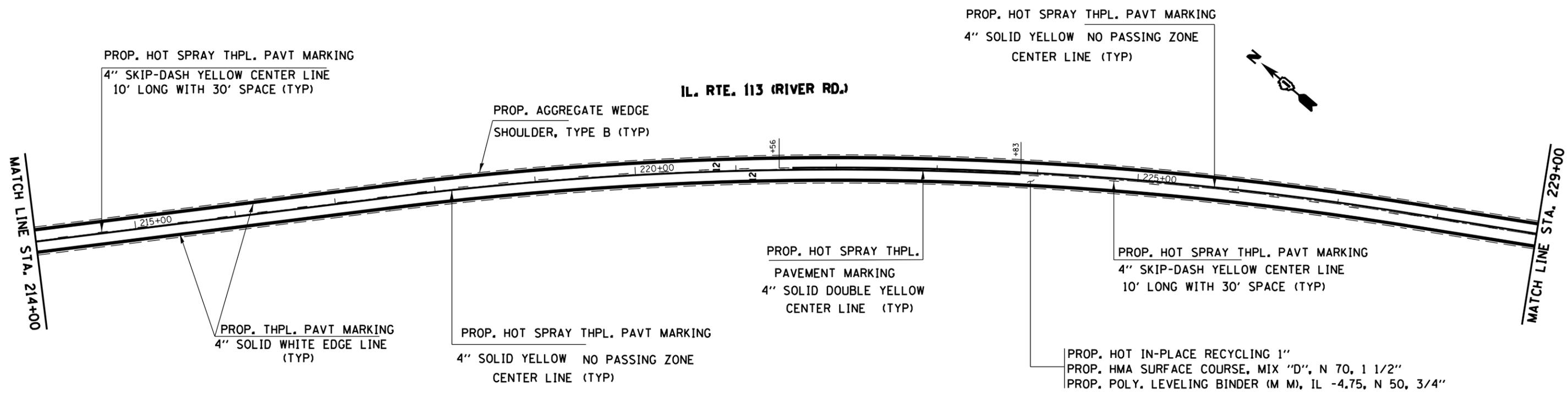
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FILE NAME =	USER NAME = Gorengautab	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 1317 /IL 113 (RIVER ST) GRAY RD TO KANKAKEE CO. LINE ROADWAY AND PAVEMENT MARKING PLANS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\dot\gorengautab\d0249442\0132311-sht-plan2.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			1317	112A-RS	WILL	21	10	
PLOT DATE = 5/7/2014	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60N53			ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	



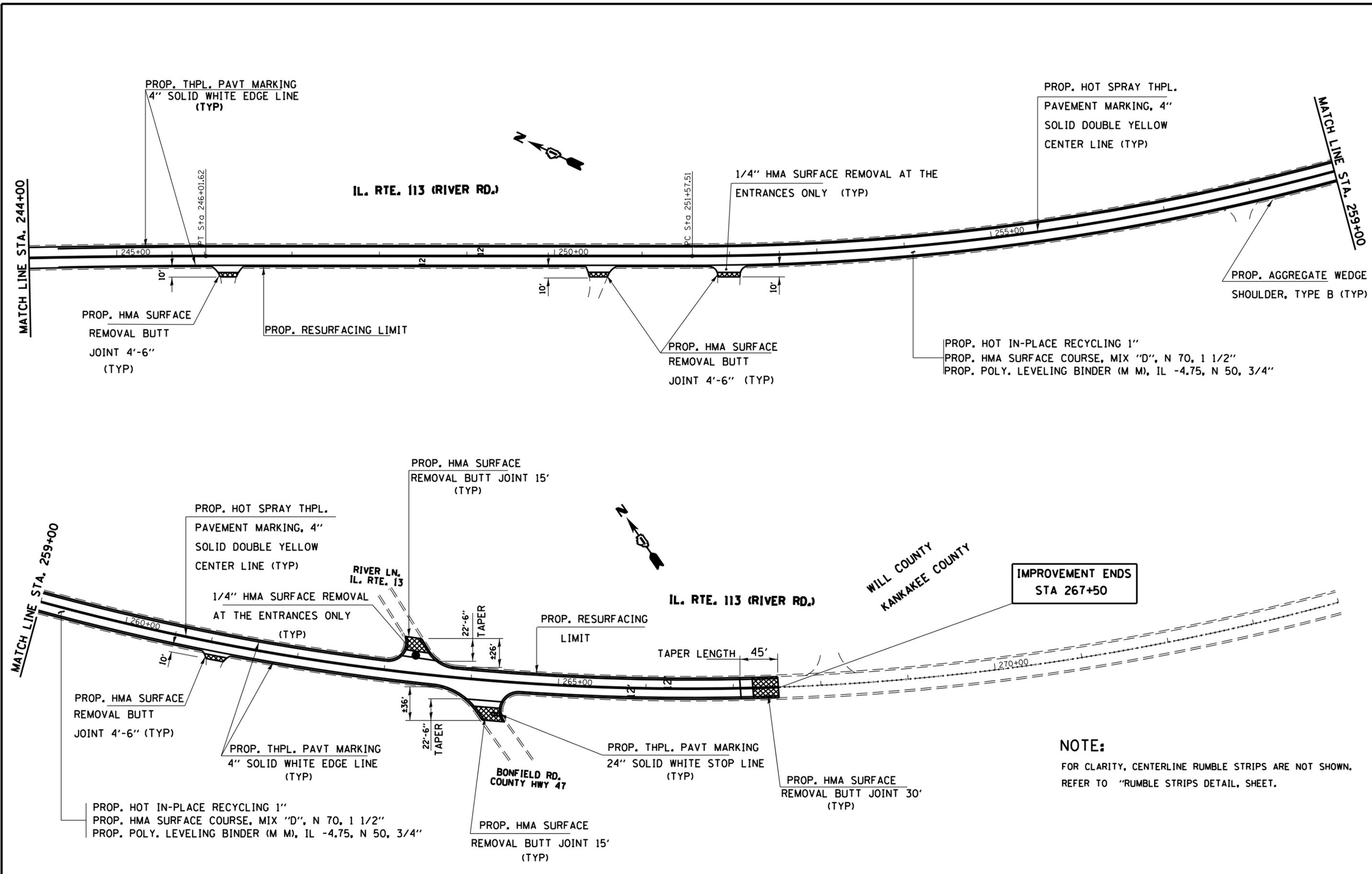
NOTE: FOR CLARITY, CENTERLINE RUMBLE STRIPS ARE NOT SHOWN. REFER TO "RUMBLE STRIPS DETAIL, SHEET.

FILE NAME = c:\pwwork\pwwork\gorengautab\d0249442\0132311-sht-plan2.dgn	USER NAME = Gorengautab	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 1317 /IL 113 (RIVER ST) GRAY RD TO KANKAKEE CO. LINE ROADWAY AND PAVEMENT MARKING PLANS			F.A.S. RTE. 1317	SECTION 112A-RS	COUNTY WILL	TOTAL SHEETS 21	SHEET NO. 11
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60N53		
PLOT DATE = 5/7/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT							



NOTE: FOR CLARITY, CENTERLINE RUMBLE STRIPS ARE NOT SHOWN. REFER TO "RUMBLE STRIPS DETAIL, SHEET.

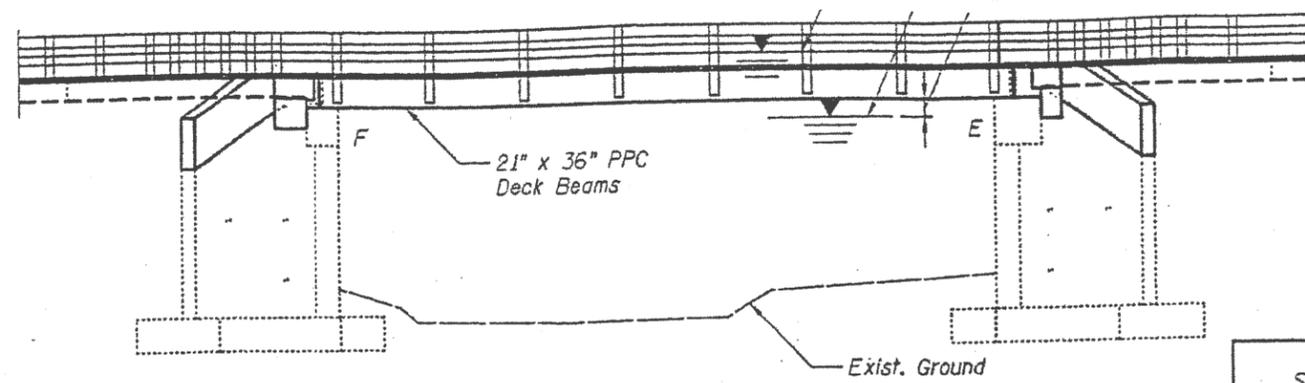
FILE NAME =	USER NAME = Gorengautab	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 1317 /IL 113 (RIVER ST) GRAY RD TO KANKAKEE CO. LINE ROADWAY AND PAVEMENT MARKING PLANS			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
et:\pwork\pwork\gorengautab\d0249442\0132311-sht-plan2.dgn	DRAWN -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	1317	112A-RS	WILL	21	12
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -								CONTRACT NO. 60N53				
PLOT DATE = 5/7/2014	DATE -	REVISED -	REVISED -								ILLINOIS FED. AID PROJECT				



**IMPROVEMENT ENDS
STA 267+50**

NOTE:
FOR CLARITY, CENTERLINE RUMBLE STRIPS ARE NOT SHOWN.
REFER TO "RUMBLE STRIPS DETAIL, SHEET.

FILE NAME =	USER NAME = Gorengautab	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 1317 /IL 113 (RIVER ST) GRAY RD TO KANKAKEE CO. LINE ROADWAY AND PAVEMENT MARKING PLANS	F.A.S RTE.	S SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\dot\gorengautab\d0249442\0132311-sht-plan2.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			1317	112A-RS	WILL	21	13
PLOT DATE = 5/7/2014	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60N53				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

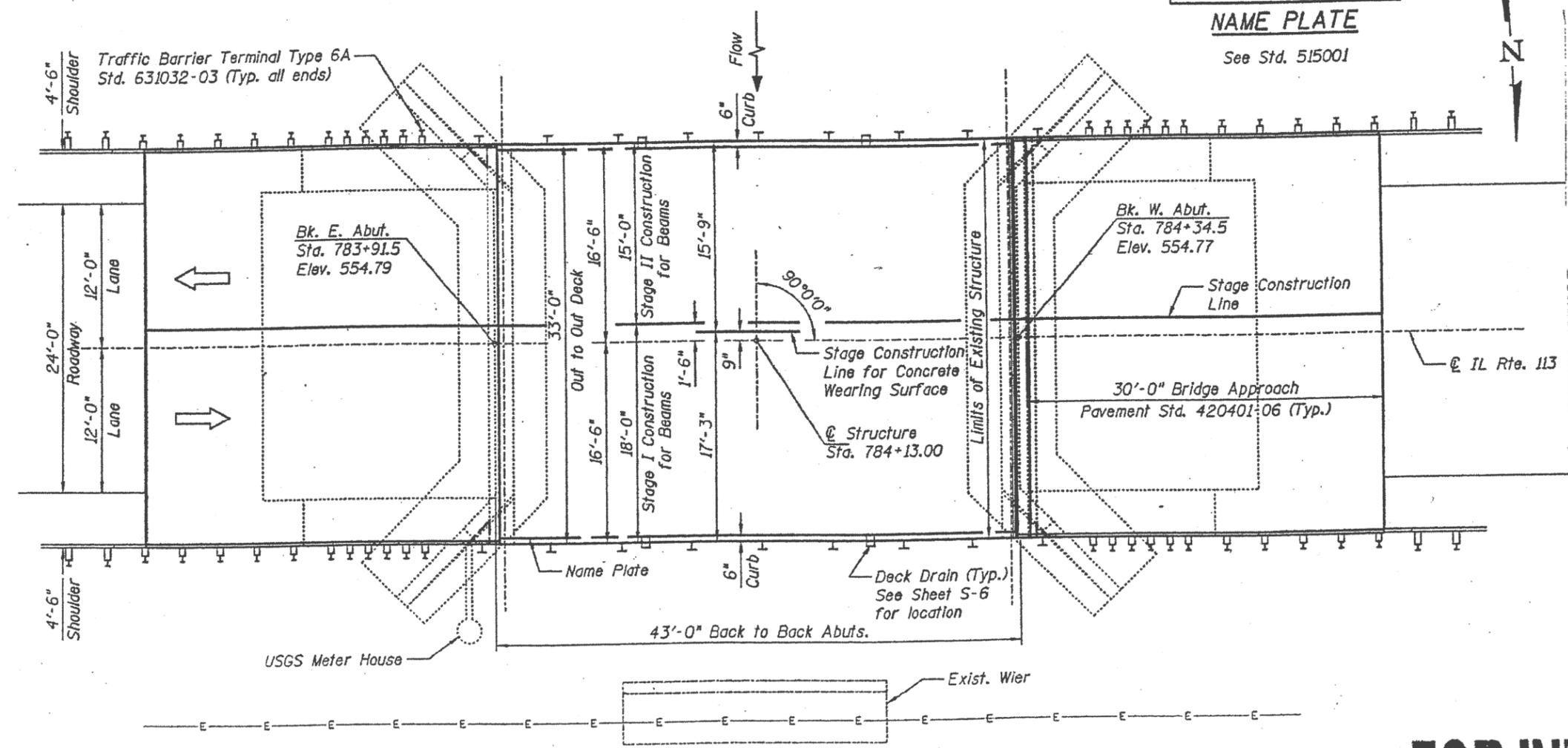


ELEVATION

STATION 784+13.00
 REBUILT 20 BY
 STATE OF ILLINOIS
 IL RT. 113 SEC. 111-B-2
 LOADING HL 93
 STR. NO. 099-0172

NAME PLATE

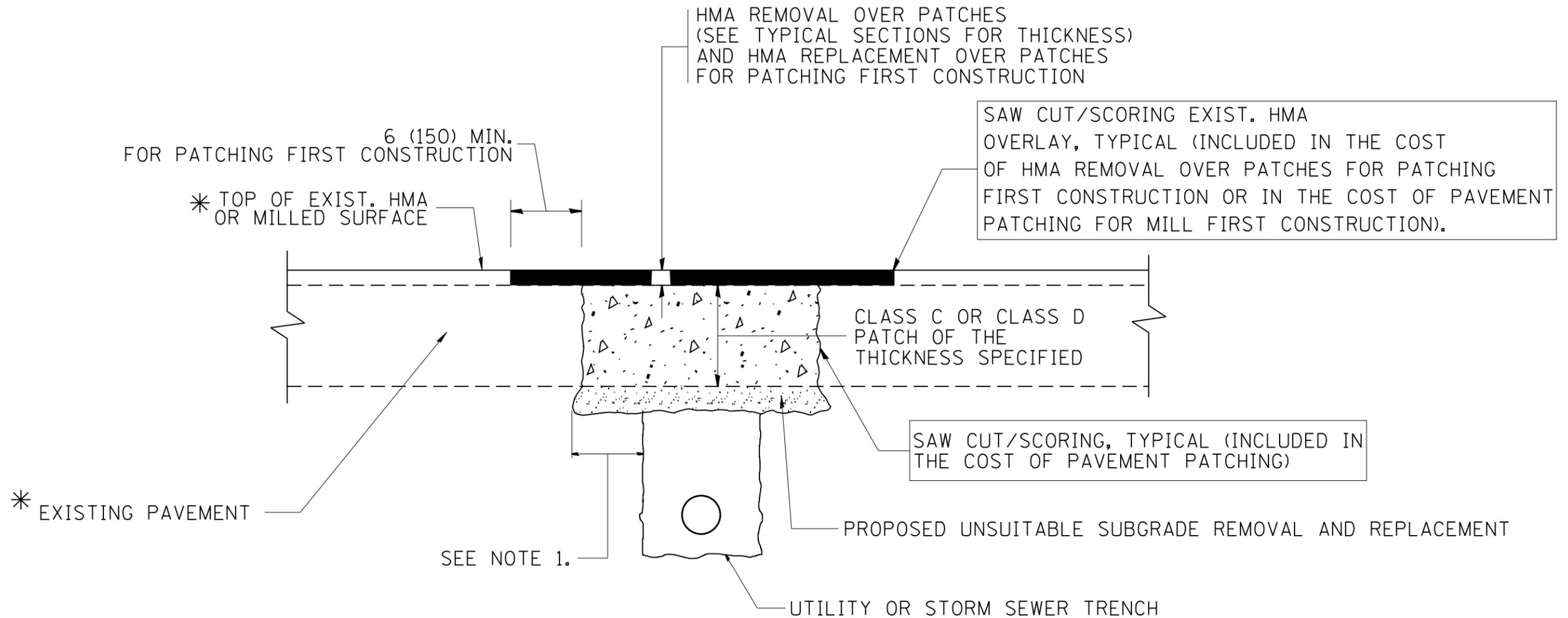
See Std. 515001



PLAN

FOR INFORMATION ONLY

FILE NAME =	USER NAME = pyrzenowskirb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 1317 /IL 113 (RIVER ST) GRAY RD TO KANKAKEE CO. LINE EXISTING BRIDGE PLAN (SN 099-0172)	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\pyrzenowskirb\024944	ND132311-sht-plan.dgn	DRAWN -	REVISED -			1317	112A-R5	WILL	22	14
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60N53				
	PLOT DATE = 2/7/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



* 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.

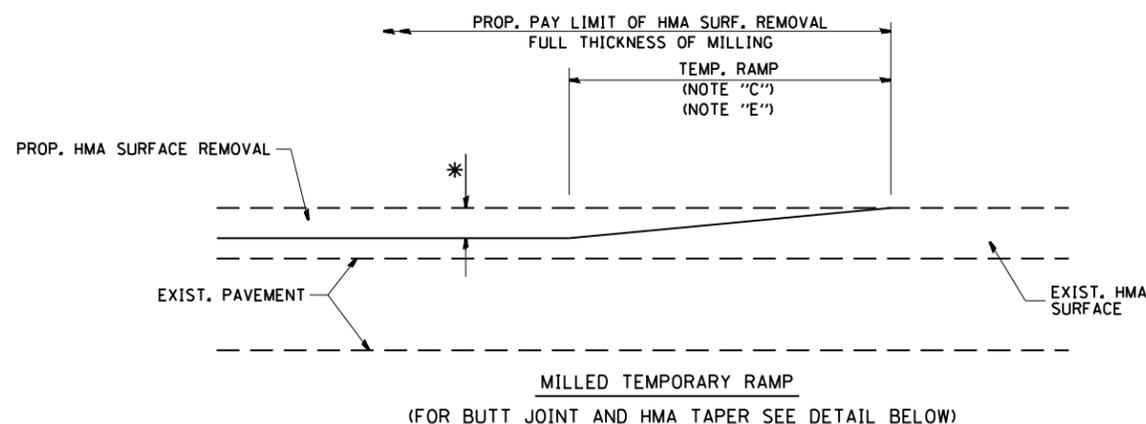
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
et:\pwork\pwork\pyrzanowskirb\d024944	DistStd.dgn	DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 09-04-07
	PLOT DATE = 2/7/2013	DATE - 10-25-94	REVISED - K. ENG 10-27-08

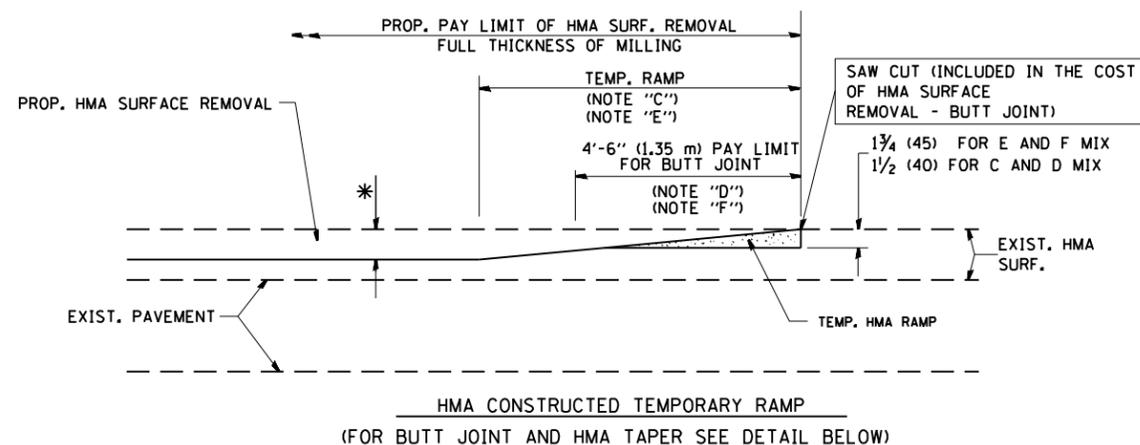
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			
SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1317	112A-R5	WILL	21	15
BD400-04 (BD-22)			CONTRACT NO. 60N53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

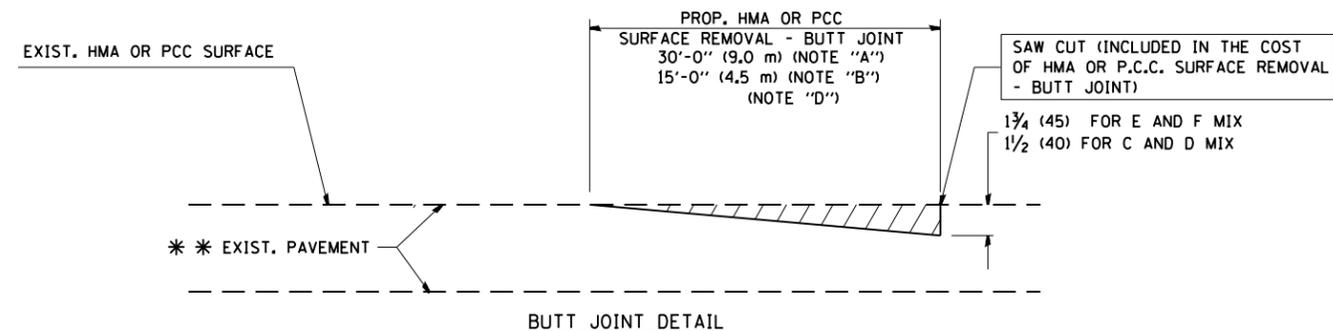


OPTION 1

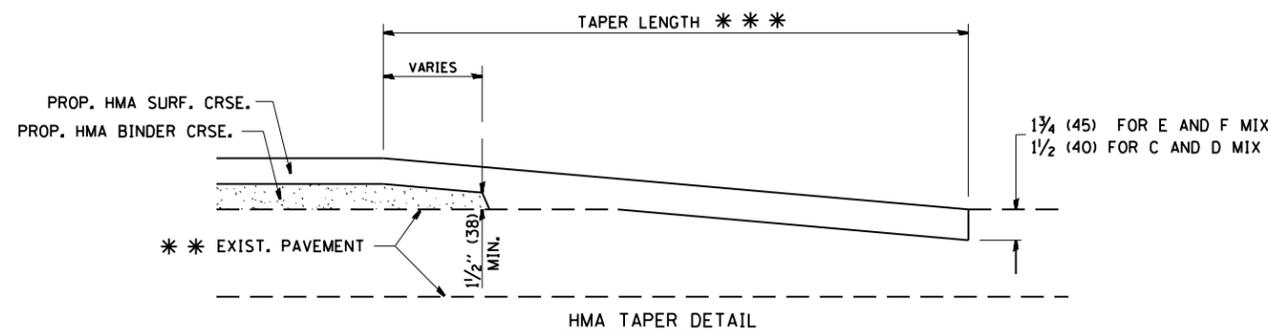


OPTION 2

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.

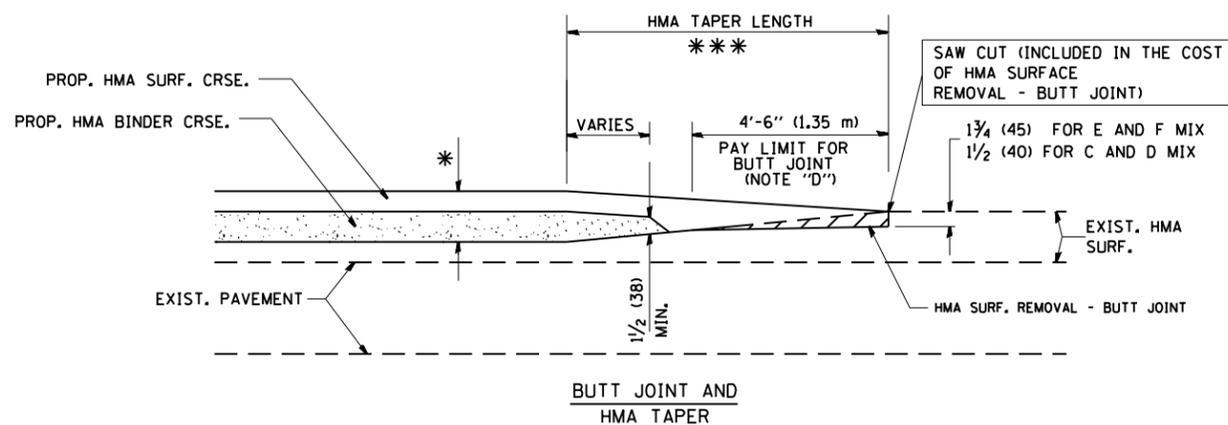
NOTES

- 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

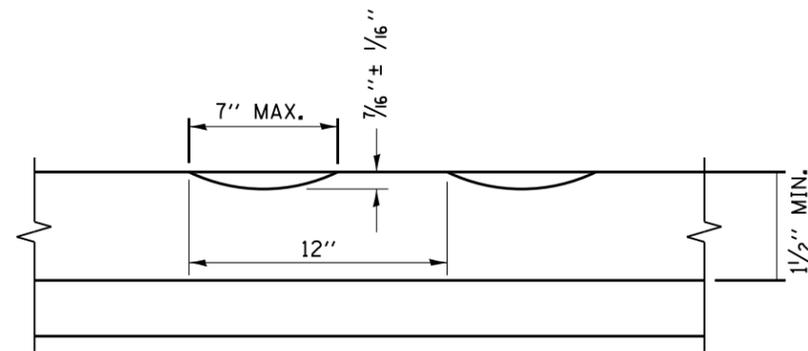
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ca:\pw\work\p1dot\pyrzanowski\bd024944\DistStd.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 2/7/2013	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

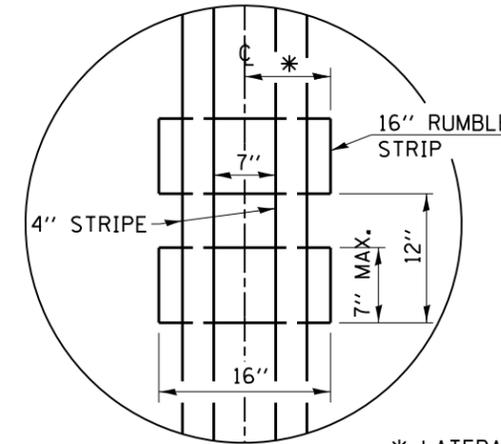
**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1317	112A-R5	WILL	21	16
BD400-05 BD32		CONTRACT NO. 60N53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SECTION A-A



DETAIL B

GENERAL NOTES

CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.

SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS. RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES. ALL RUMBLE STRIPS SHALL BE MILLED.

CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.

DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

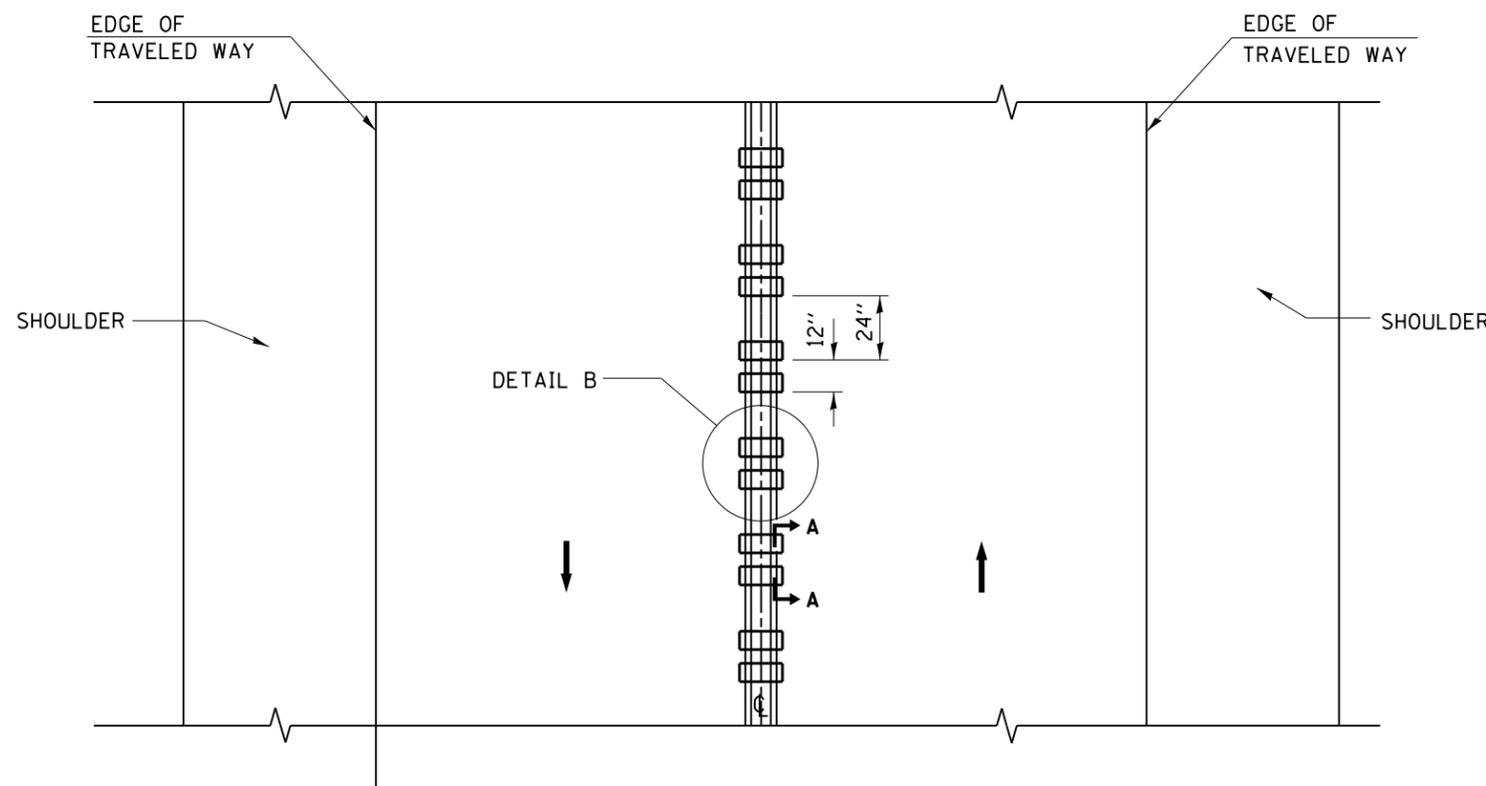
AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEP CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.

WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

BASIS OF PAYMENT

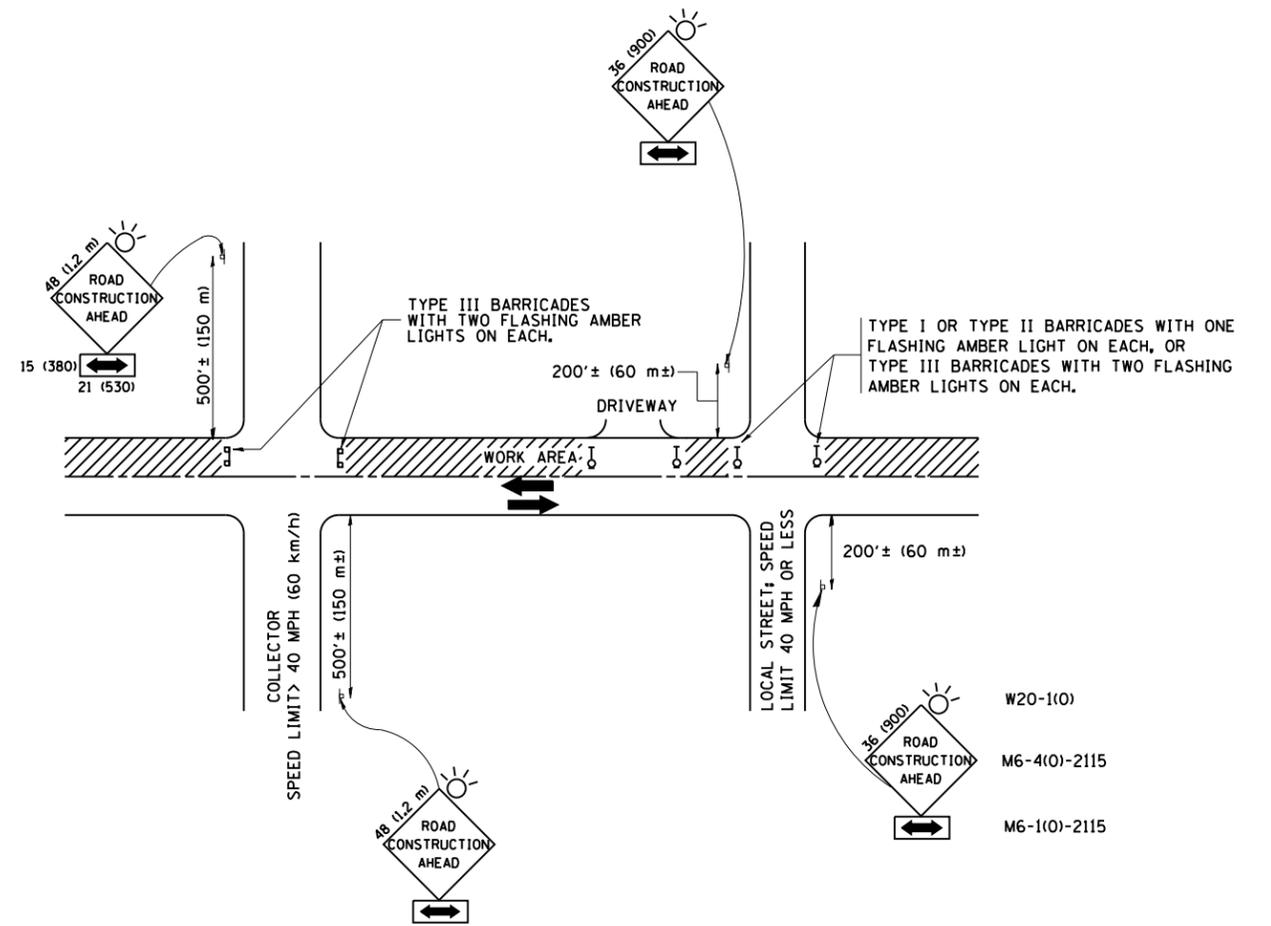
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.

HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.



TWO-WAY ROAD

FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED - R. BORO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\pyrzanowskirb\d024944	DistStd.dgn	DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	1317	112A-R5	WILL	21	17
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -						BD 55		CONTRACT NO. 60N53		
	PLOT DATE = 2/7/2013	DATE - 08-06-2012	REVISED -						<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				



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.

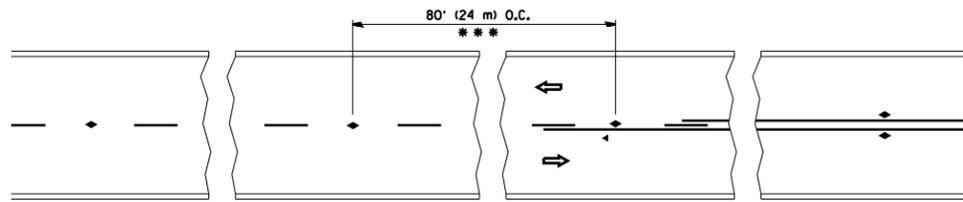
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 2/7/2013	DATE - 06-89	REVISED - T. RAMMACH 01-06-00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

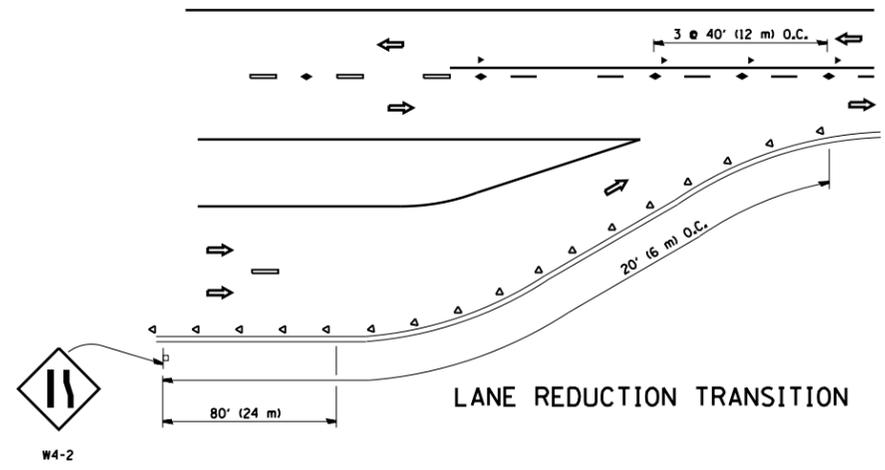
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 60N53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

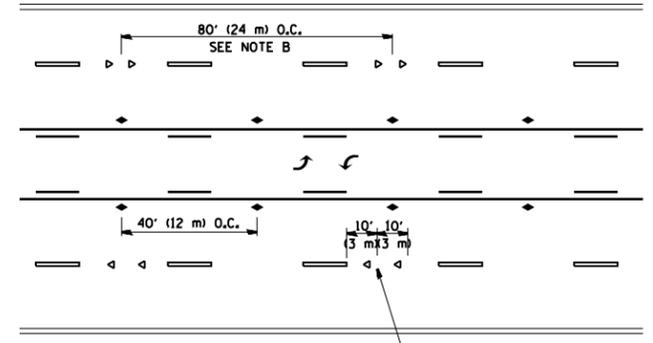


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

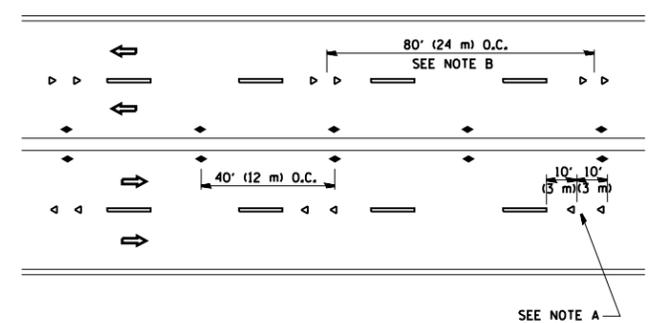
TWO-LANE/TWO-WAY



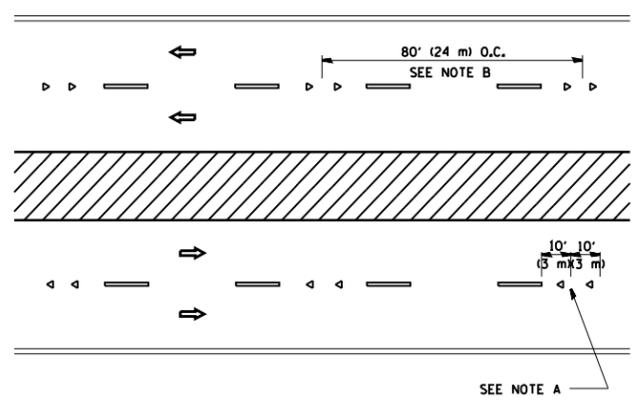
LANE REDUCTION TRANSITION



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

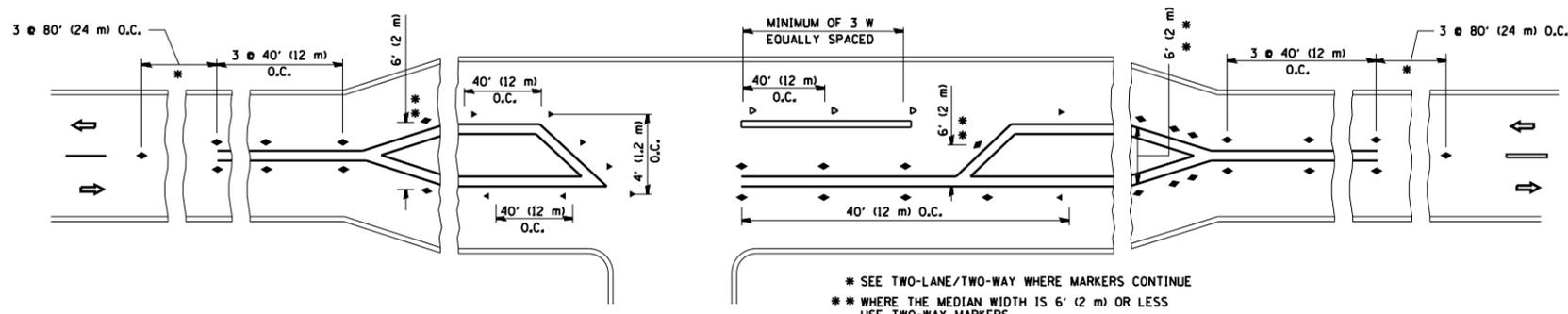
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

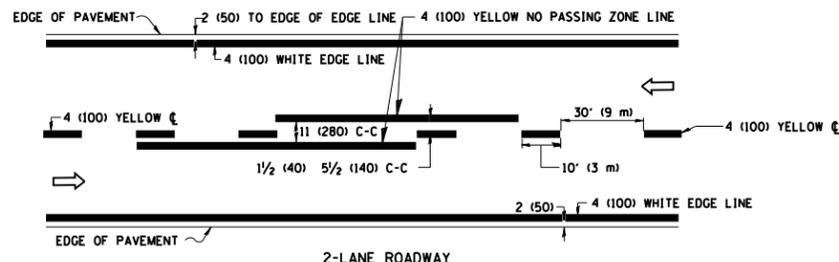


* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

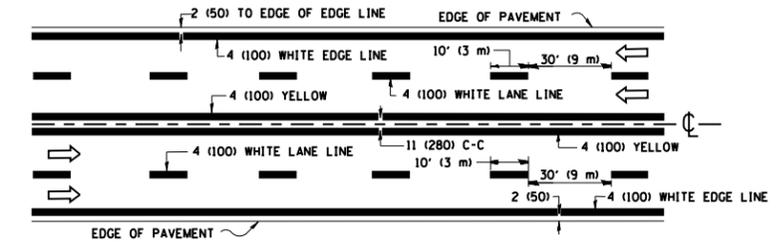
LEFT TURN

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

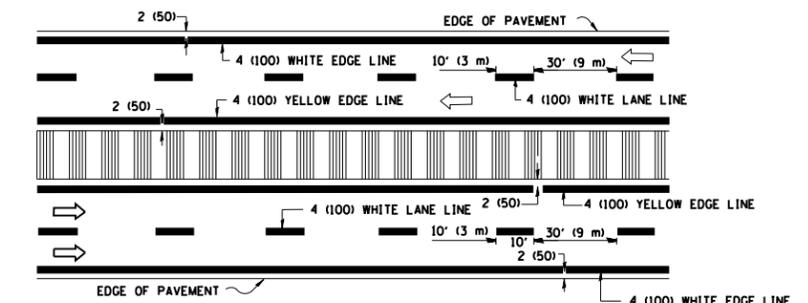
FILE NAME =	USER NAME = pyrzanowski	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\pyrzanowski\bd024944\DistStd.dgn	NDistStd.dgn	DRAWN -	REVISED - T. RAMMACHER 03-12-99		RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			1317	112A-RS	WILL	21	19
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED - T. RAMMACHER 01-06-00		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60N53		
PLOT DATE = 2/7/2013		DATE -	REVISED - C. JUCIUS 09-09-09					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY



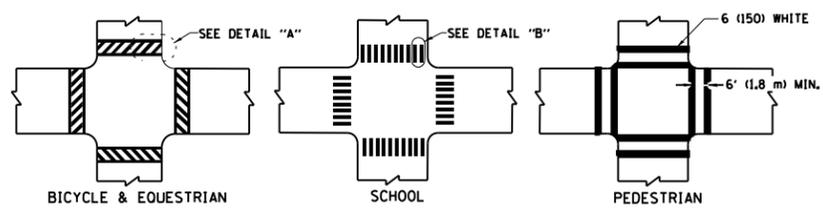
MULTI-LANE UNDIVIDED



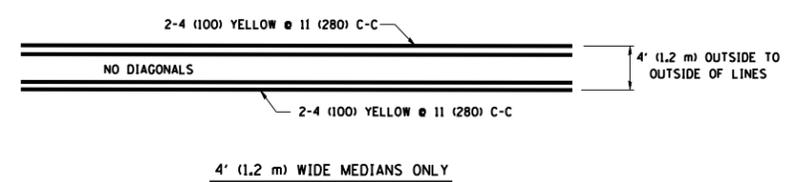
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

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

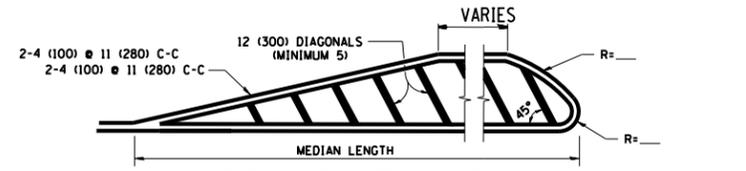
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

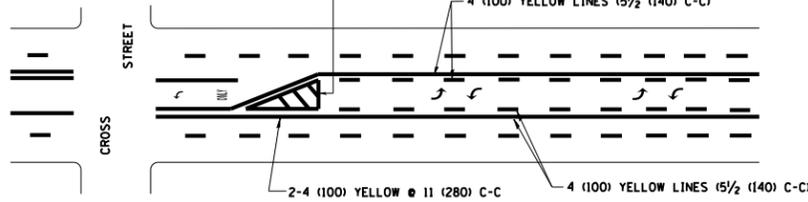


4' (1.2 m) WIDE MEDIANS ONLY

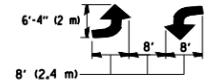


MEDIANS OVER 4' (1.2 m) WIDE

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))

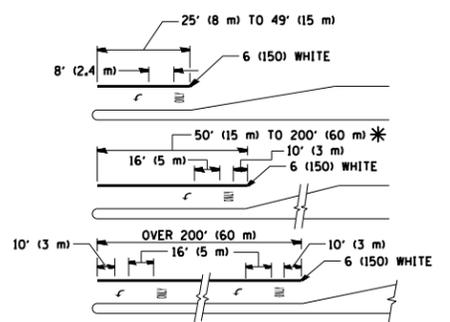


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

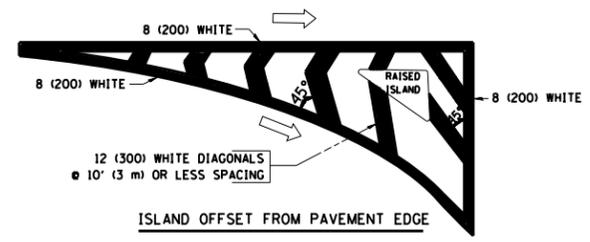


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

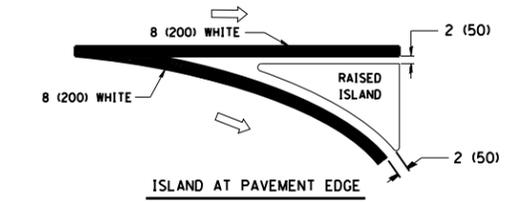
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

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	4 (100)	SOLID	YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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" 15' (4.5 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) EACH
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.

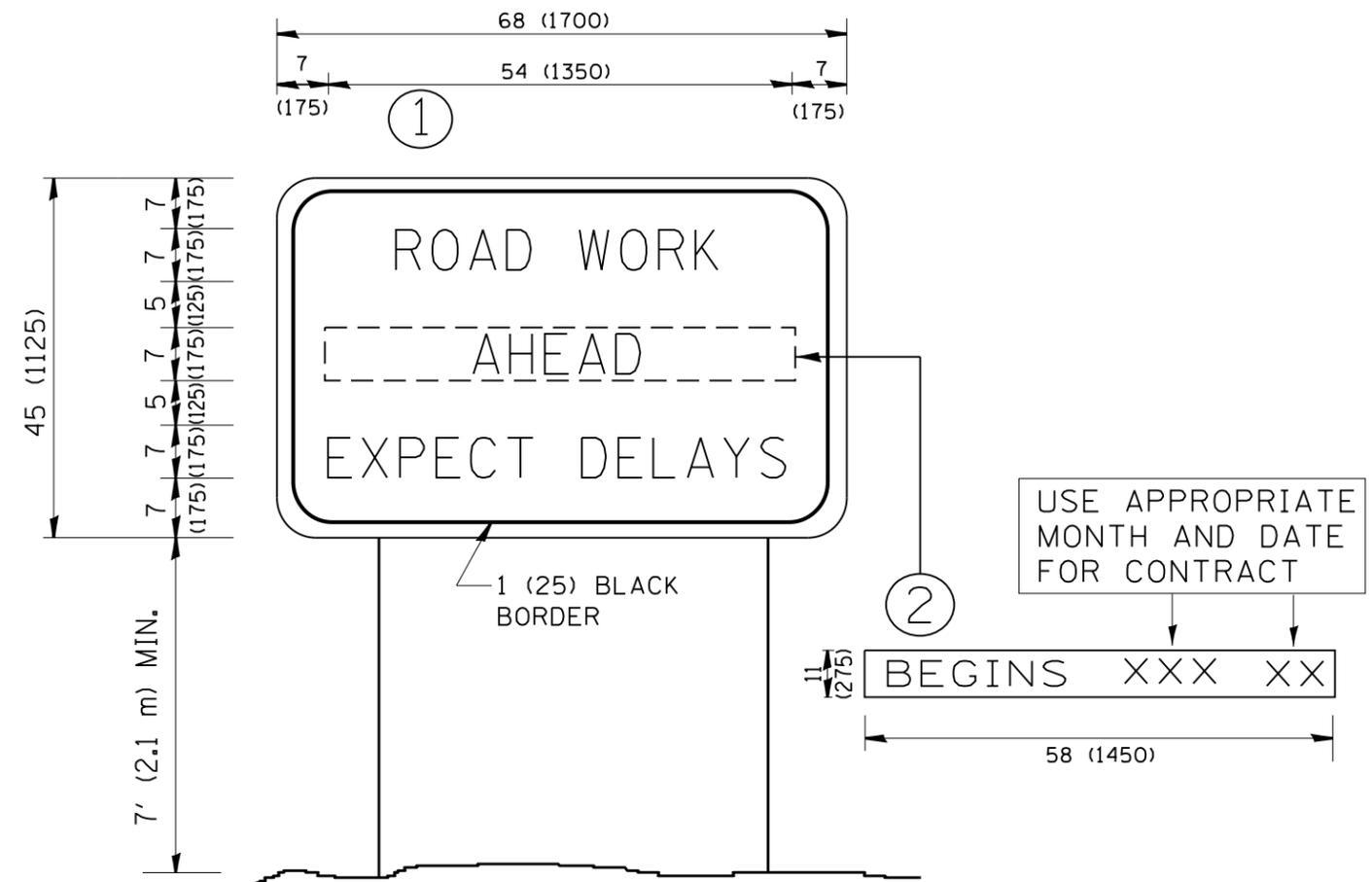
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = pyrzanowski	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
es:\pwork\pwork\pyrzanowski\bd024944\DistStd.dgn		DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/7/2013	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1317	112A-RS	WILL	21	20
TC-13			CONTRACT NO. 60N53	
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 = pyrzenowski	DESIGNED -	REVISED - R. MIRS 09-15-97
et:\pw\work\p\dot\pyrzenowski\bd024944\DistStd.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 2/7/2013	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1317	112A-RS	WILL	21	21
TC-22			CONTRACT NO. 60N53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				