

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) RS-11	WILL	45	1
		ILLINOIS	CONTRACT NO. 60153	

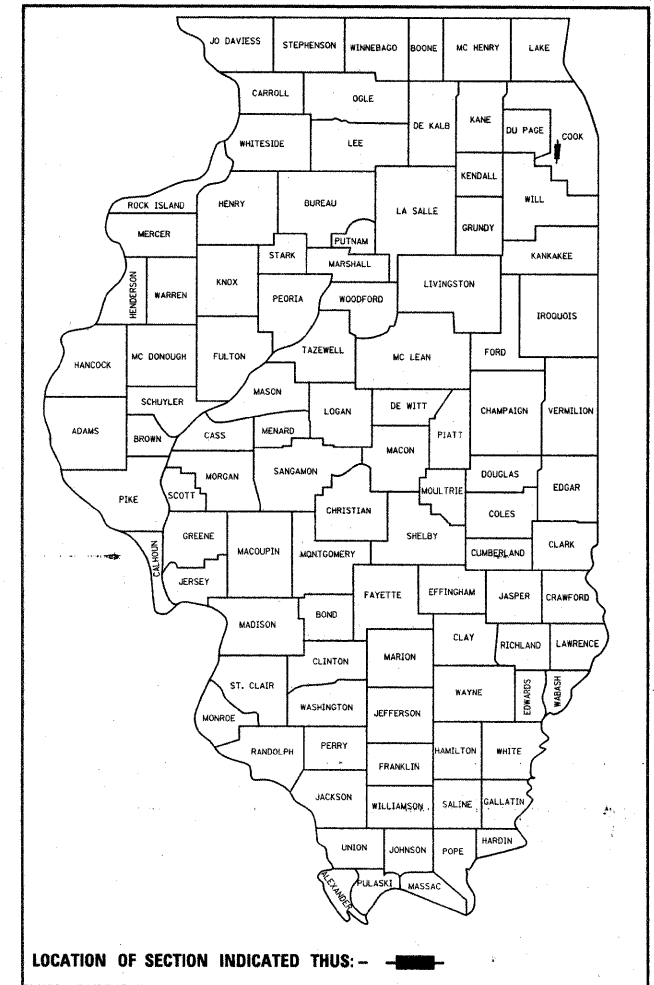
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PROPOSED HIGHWAY PLANS

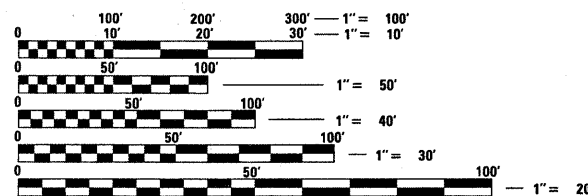
F.A.I. ROUTE 55 (INTERSTATE 55)  
GRUNDY COUNTY LINE TO KANKAKEE RIVER  
SECTION: 99 (1&2) RS-11  
RESURFACING (3P)  
WILL COUNTY  
C-91-060-10

FOR INDEX OF SHEETS, SEE SHEET NO. 2

D-91-060-10



THIS PROJECT IS LOCATED IN THE VILLAGE OF DIAMOND AND THE VILLAGE OF BRAIDWOOD

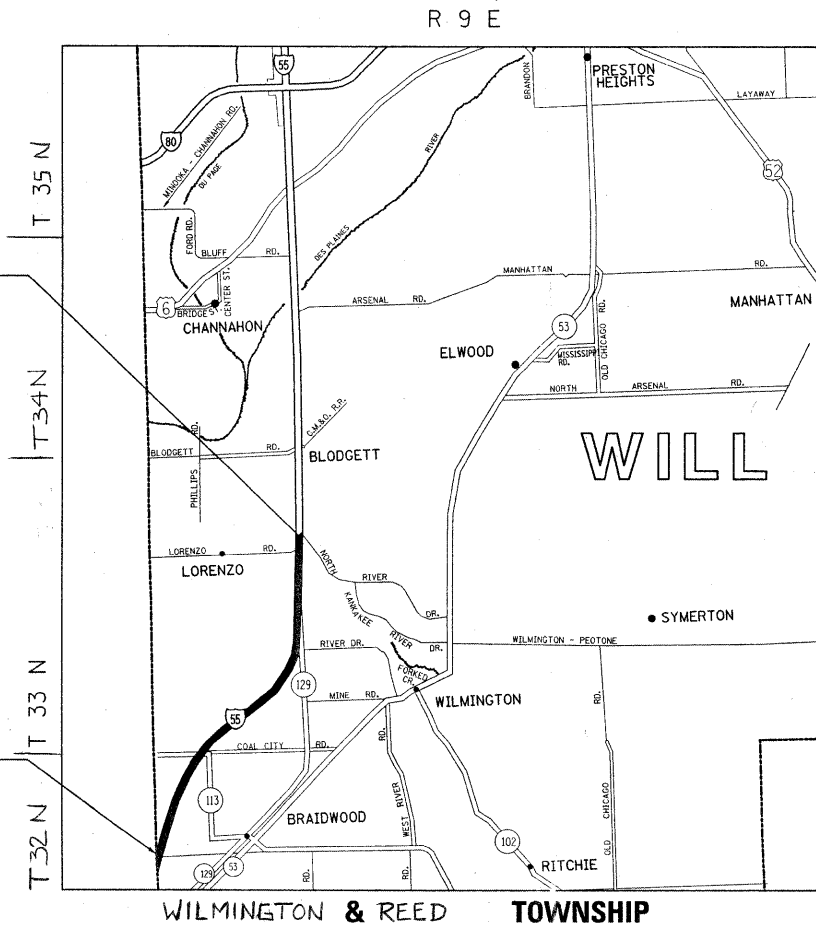


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

IMPROVEMENT ENDS:  
STA. 388 + 00

IMPROVEMENT BEGINS:  
STA. 5 + 00



TRAFFIC DATA:  
2006 ADT= 91000  
POSTED SPEED  
LIMIT= 65 MPH

PROJECT ENGINEER KARI SMITH (847) 705-4437  
PROJECT MANAGER KEN ENG

CONTRACT NO. 60153

GROSS AND NET LENGTH OF IMPROVEMENT = 38300 LINEAL FEET = 7.25 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED DECEMBER 21, 2009

*Diana M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 29, 2010  
*Scott F. Stett, P.E./RD*  
Acting ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2010  
*Christine M. Reed/RD*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO. DESCRIPTION

STANDARD NO. DESCRIPTION

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 REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF DIAMOND AND BRAIDWOOD.

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

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

THE RESIDENT ENGINEER SHALL CONTACT MS. CORA MATHIS, AREA TRAFFIC FIELD ENGINEER, AT (847) 715-8428 A MINIMUM OF TWO WEEKS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS 45 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4151. A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT 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.

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

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

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS- RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

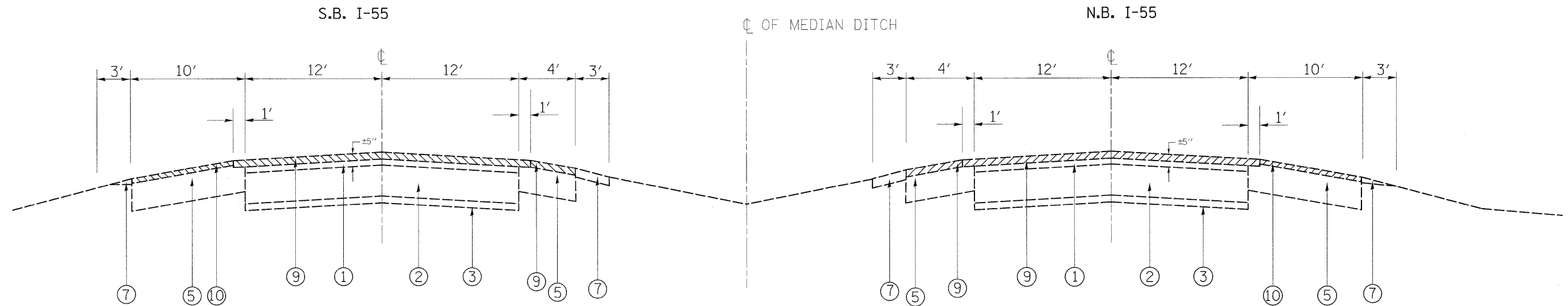
1	TITLE SHEET	420001-07	PAVEMENT JOINTS
2	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES.		CLASS C AND D PATCHES
3	SUMMARY OF QUANTITIES	642001-01	SHOULDER RUMBLE STRIPS
4	EXISTING TYPICAL SECTIONS	482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
5	PROPOSED TYPICAL SECTIONS	701400-04	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
6	EXIST. AND PROP. TYPICAL SECTIONS FOR RAMP	701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY
7-9	SEQUENCE OF OPERATIONS	701411-06	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
10-31	ROADWAY AND PAVEMENT MARKING PLANS	701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
32-34	CONCRETE HEADWALL RECONSTRUCTION	701446-01	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
35	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701901-01	TRAFFIC CONTROL DEVICES
36	BUTT JOINT AND HMA TAPER DETAILS (BD-32)		
37	FREEWAY ENTRANCE AND EXIST RAMP CLOSURE DETAILS (TC-08)		
38	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE (TC-09)		
39	TYPICAL APPLICATIONS: RAISED REFLECTIVE PAVEMENT (TC-11) MARKERS (SNOW-PLOW RESISTANT)		
40-41	MULTI-LANE FREEWAY PAVEMENT MARKING DETAIL (TC-12)		
42	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)		
43	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)		
44	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)		
45	ARTERIAL ROAD INFORMATION SIGN (TC-22)		

SUMMARY OF QUANTITIES			URBAN 100% STATE	CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			URBAN 100% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY					CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY				
				I000									I000				
20201006	GRADING AND SHAPING SHOULDERS	UNIT	1550	1550					* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	7800	7800				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	238	238					* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3478	3478				
40600300	AGGREGATE (PRIME COAT)	TON	1190	1190					* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	135	135				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	446	446					* 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	17,536	17,536				
40600895	CONSTRUCTING TEST STRIP	EACH	2	2					* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,758	1,758				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	787	787					78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,406	1,406				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	225	225					X0322729	MATERIAL TRANSFER DEVICE	TON	50,988	50,988				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	9820	9820					X0324685	TEST STRIP (STONE MATRIX ASPHALT)	EACH	2	2				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	7667	7667					X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	15.8	15.8				
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	21128	21128					X0325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1				
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	278,731	278,731					X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	319200	319200				
44002220	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5"	SQ YD	803	803					X0325841	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 24 INCH	FOOT	270	270				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	523	523					X0325876	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 8 INCH	FOOT	15600	15600				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	112	112					X0326107	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH	FOOT	38300	38300				
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	27	27					40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	27,868	27,868				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	11,089	11,089					X4066685	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	TON	23,120	23,120				
50102400	CONCRETE REMOVAL	CU YD	5.2	5.2					40600826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	872	872				
50200100	STRUCTURE EXCAVATION	CU YD	9	9					X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1				
50800105	REINFORCEMENT BARS	POUND	2000	2000					X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	50	50				
54003000	CONCRETE BOX CULVERTS	CU YD	5.2	5.2					70400100	TEMPORARY CONCRETE BARRIER	FOOT	260	260				
63301215	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE B	FOOT	82	82					70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	260	260				
64200105	SHOULDER RUMBLE STRIP	FOOT	140,293	140,293					Z0030270	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	1	1				
67100100	MOBILIZATION	L SUM	1	1													
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	20	20													
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	68754	68754													
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	146,693	146,693													
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	763	763													

\*SPECIALTY ITEMS

Rev.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				<b>SUMMARY OF QUANTITIES</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
c:\pwworking\abebawa\d0169692\stt-plan.dgn		DRAWN -	REVISED -									55	(1&2) RS-11	WILL	45	3			
PLOT SCALE = 50.0000 1/ IN.		CHECKED -	REVISED -									SCALE: SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PLOT DATE = 12/23/2009		DATE -	REVISED -													CONTRACT NO. 60153			



IL-55  
EXISTING TYPICAL CROSS SECTION  
STA. 5+00 TO STA. 388+00

**LEGEND**

- ① EXISTING HOT-MIX ASPHALT SURF. CSE., ± 5"
- ② EXISTING P.C.C. PAVEMENT, 10"
- ②A EXISTING HOT-MIX ASPHALT SURFACE AFTER MILLING, ± 2 3/4"
- ③ EXISTING SUB-BASE GRAN. MATL., 4"
- ④ EXISTING AGGREGATE SUBGRADE, 12"
- ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑥ EXISTING CONC. BINDER CSE. MIX B, TYPE 1
- ⑦ EXISTING AGGREGATE SHOULDER TYPE "B"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" (RAMPS)
- ⑨ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (MAINLINE & INSIDE SHOULDER)
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (OUTSIDE SHOULDER)
- ⑪ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ⑫ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- ⑬ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 2 1/2 "
- ⑭ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX. "D", N70, 1 1/2"
- ⑮ PROPOSED SHOULDER RUMBLE STRIP
- ⑯ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"
- ⑰ PROPOSED GRADING AND SHAPING SHOULDER
- ⑱ PROPOSED POLYMERIZED LEVELING BINDER, IL-4.75, N50, 3/4"

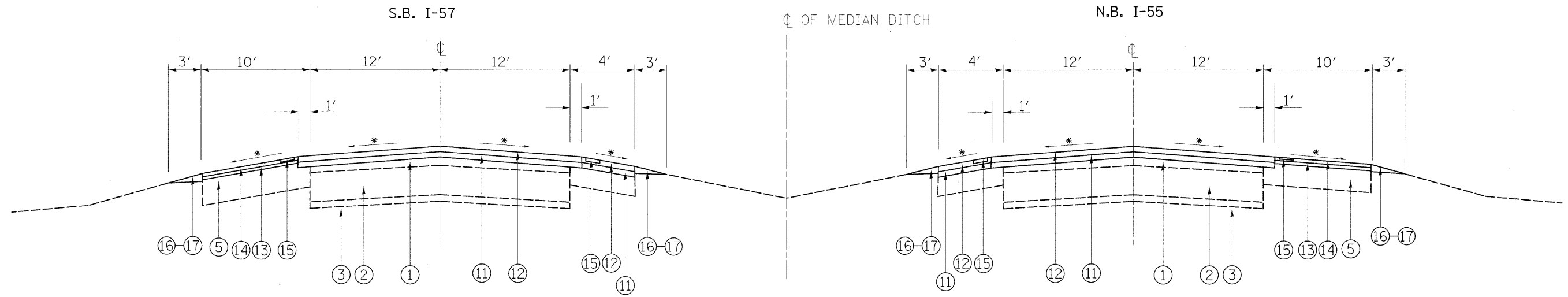
**NOTE:**

- CONTRACTOR SHALL PATCH BEFORE MILLING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS(%)
<b>MAINLINE &amp; INSIDE SHOULDER RESURFACING</b>	
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80	3.5% @ 80 GYR.
POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80	3.5% @ 80 GYR.
<b>RAMPS RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR.
POLY. LEVELING BINDER, (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR.
<b>OUTSIDE SHOULDER RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0 mm)	4% @ 70 GYR.
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-25 mm)	4% @ 105 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. USED 135 LBS/SQ YD/IN FOR STONE MATRIX ASPHALT SURFACE.

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.



\*MATCH EXISTING SLOPES  
 IL-55  
 PROPOSED TYPICAL CROSS SECTION  
 STA. 5+00 TO STA. 388+00

**LEGEND**

- ① EXISTING HOT-MIX ASPHALT SURF. CSE., ± 5"
- ② EXISTING P.C.C. PAVEMENT, 10"
- ③ EXISTING SUB-BASE GRAN. MATL., 4"
- ④ EXISTING AGGREGATE SUBGRADE, 12"
- ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑥ EXISTING CONC. BINDER CSE. MIX B, TYPE 1
- ⑦ EXISTING AGGREGATE SHOULDER TYPE "B"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" (RAMPS)
- ⑨ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (MAINLINE & INSIDE SHOULDER)
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (OUTSIDE SHOULDER)
- ⑪ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ⑫ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- ⑬ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 2 1/2 "
- ⑭ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX. "D", N70, 1 1/2"
- ⑮ PROPOSED SHOULDER RUMBLE STRIP
- ⑯ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"
- ⑰ PROPOSED GRADING AND SHAPING SHOULDER
- ⑱ PROPOSED POLYMERIZED LEVELING BINDER, IL-4.75, N50, 3/4"

**NOTE:**

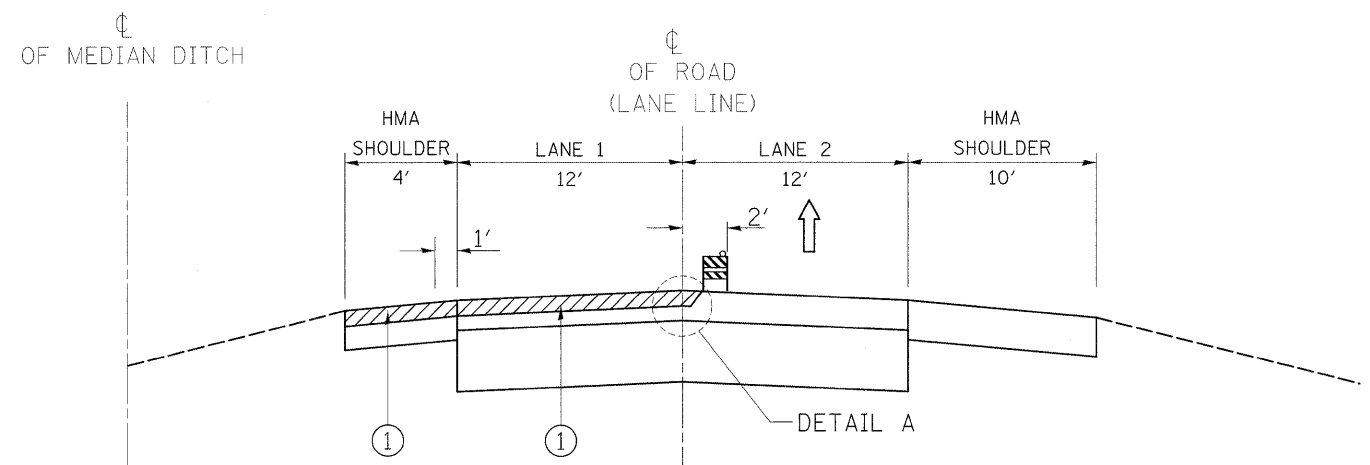
- CONTRACTOR SHALL PATCH BEFORE MILLING

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 55 TYPICAL SECTION FOR MAINLINE</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\VPWIDOT\ABEBAWA\0169692\sh-t- plan.dgn	PLOT SCALE = 50,0000 ' / IN.	DRAWN -	REVISED -			55	99 (1&2) RS-11	WILL	45	5
PLOT DATE = 12/23/2009	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 60153				
DATE -	REVISED -	REVISED -	REVISED -			[ILLINOIS] FED. AID PROJECT				
					SCALE:		SHEET NO. OF SHEETS STA. TO STA.			



**PRE-OPERATION 1**

PATCHING WORK TO BE DONE BEFORE MILLING  
IL.-55 (SOUTH BOUND) & (NORTH BOUND)



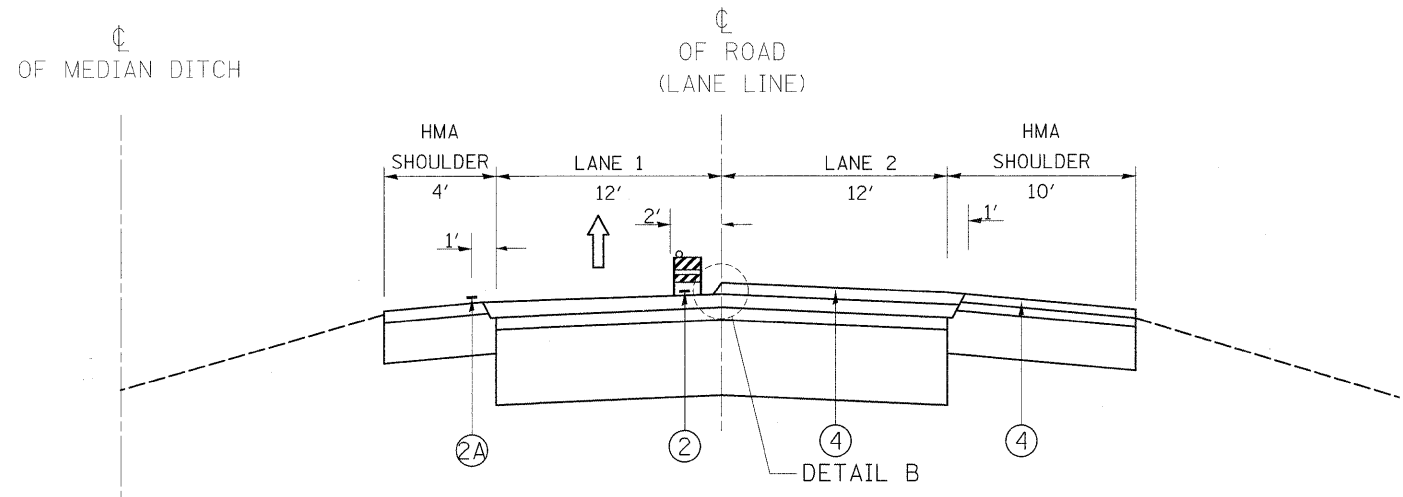
**OPERATION 1**

- \* ① MILL 4" LANE 1 & INNER SHOULDER AND PLACE POLY. SMA BINDER COURSE 2"
- ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5" LANE LINE (SKIP-DASH)
- ②A WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4" (EDGE LINE)

**NOTE:**

- \* 1. GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 2"
- 2. BARRICADES/DRUMS TO BE PLACED ON THE SHOULDER WITHIN 2' OF THE EDGE OF THE PAVEMENT DURING NON-WORKING HOURS

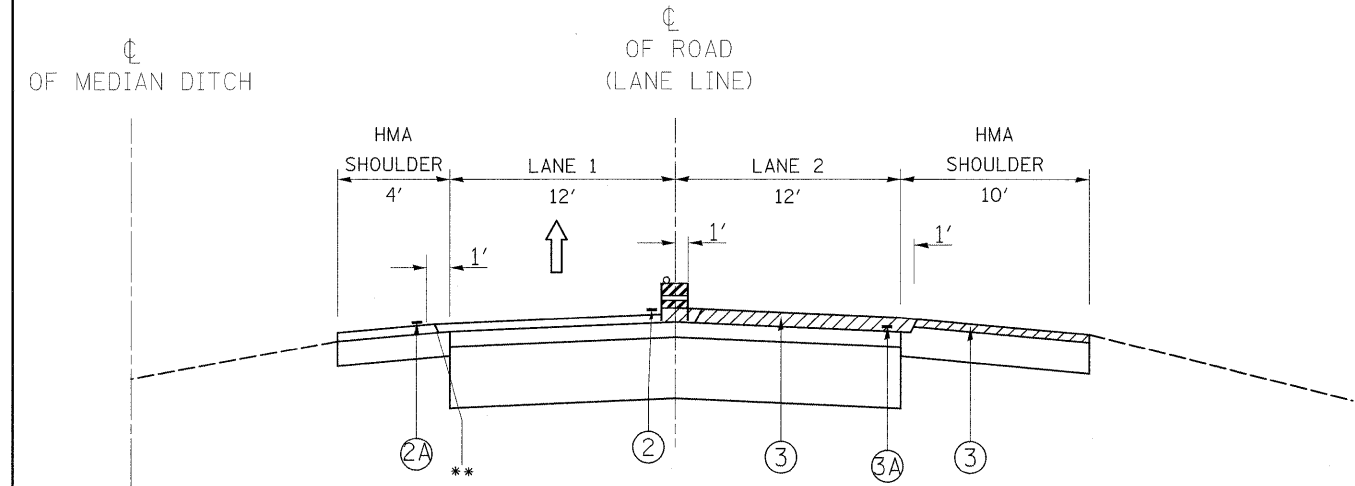
IL.-55 (SOUTH BOUND) & (NORTH BOUND)



**OPERATION 3**

- ④ PLACE POLY. SMA SURFACE COURSE 2" ON LANE 2 AND HMA SURFACE COURSE, MIX "D" 1 1/2" ON OUTER SHOULDER

IL.-55 (SOUTH BOUND) & (NORTH BOUND)



**OPERATION 2**

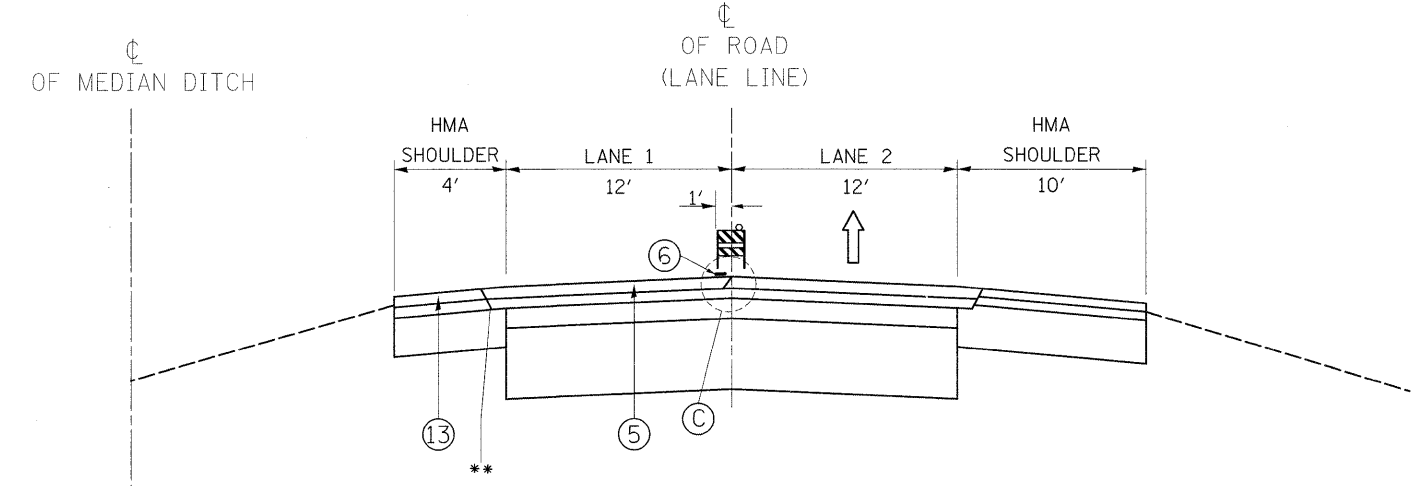
- \* ③ MILL 4" LANE 2 & MILL 3 3/4 " OUTER SHOULDER AND PLACE POLY. SMA BINDER COURSE 2" ON LANE 2 AND HMA BINDER COURSE, N70, 2 1/4" ON OUTER SHOULDER

**NOTE:**

- \* 1. GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 2"
- 2. BARRICADES/DRUMS TO BE PLACED ON THE SHOULDER WITHIN 2' OF THE EDGE OF THE PAVEMENT DURING NON-WORKING HOURS

\*\* OPTIONAL JOINT

IL.-55 (SOUTH BOUND) & (NORTH BOUND)



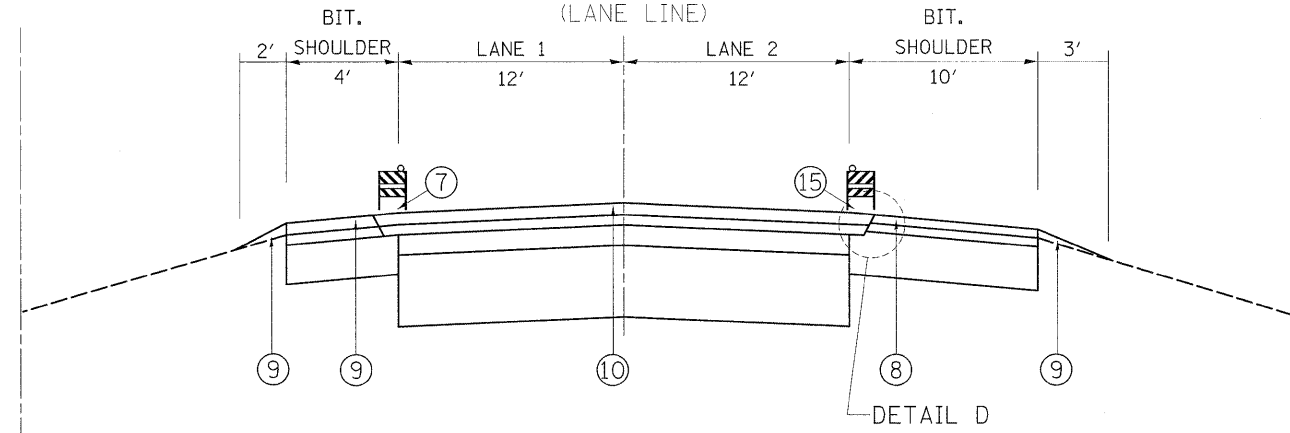
**OPERATION 4**

- ⑤ PLACE POLY. SMA SURFACE COURSE 2" ON LANE 1 AND INSIDE SHOULDER
- ⑥ FINAL PAVEMENT MARKING WITH PREFORMED PLASTIC PAVEMENT MARKING TYPE B- INLAID-LINE 5"

FILE NAME =	USER NAME = abobawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL. ROUTE 55 SUGGESTED SEQUENCE OF OPERATIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\VPWIDOT\ABEBAWA\d0169692\sh-t-plan.dgn		DRAWN -	REVISED -		55	99 (1&2) RS-11	WILL	45	7		
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60153			ILLINOIS FED. AID PROJECT			
PLOT DATE = 12/23/2009		DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.				

☐  
OF MEDIAN DITCH

☐  
OF ROAD  
(LANE LINE)



**OPERATION 5**

⑦ FINAL PAVEMENT MARKING WITH THERMOPLASTIC PAVEMENT MARKING, LINE 4"

⑩ PLACE RAISED REFLECTIVE PAVEMENT MARKERS AT LANE LINE AND RAMPS.

⑧ INSTALL RUMBLE STRIPS ON INNER AND OUTER SHOULDER AS PER DETAIL ON PLAN.

⑨ PLACE AGGREGATE WEDGE SHOULDER, TYPE B.

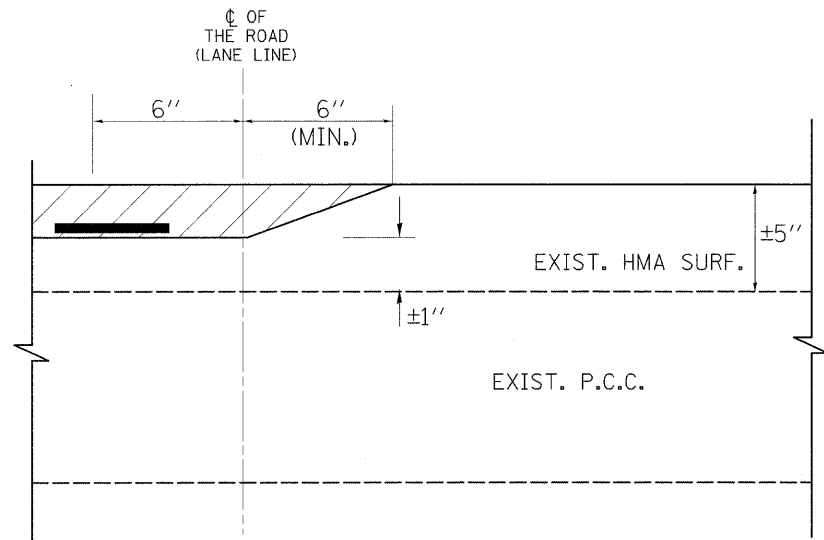
**NOTE:**

- \* 1. GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 2"
- 2. BARRICADES/DRUMS TO BE PLACED ON THE SHOULDER WITHIN 2' OF THE EDGE OF THE PAVEMENT DURING NON-WORKING HOURS

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 55 SUGGESTED SEQUENCE OF OPERATIONS</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et\pwwork\pwwid\ABEBAWA\d0169692\sh-t- plan.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -			55	99 (I&2) RS-11	WILL	45	8	
	PLOT DATE = 12/23/2009	CHECKED -	REVISED -			CONTRACT NO. 60153					
		DATE -	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

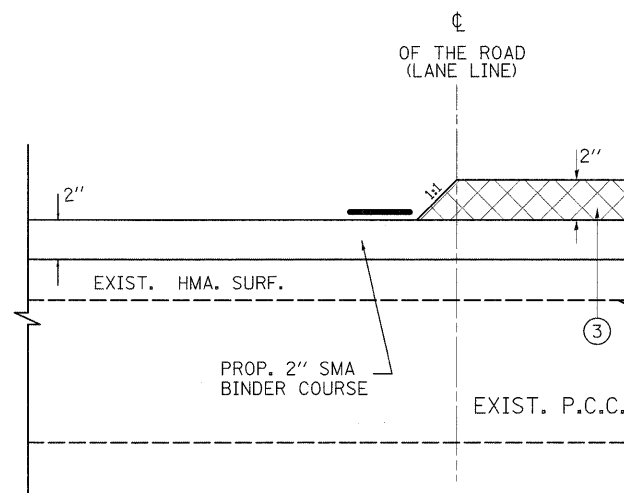


**MILLING DETAIL**



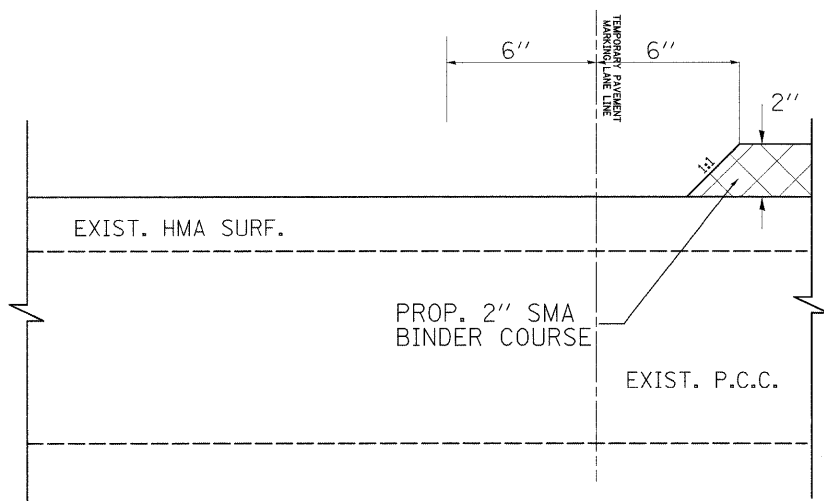
DETAIL 'A' (TYPICAL)

**PAVING DETAILS**

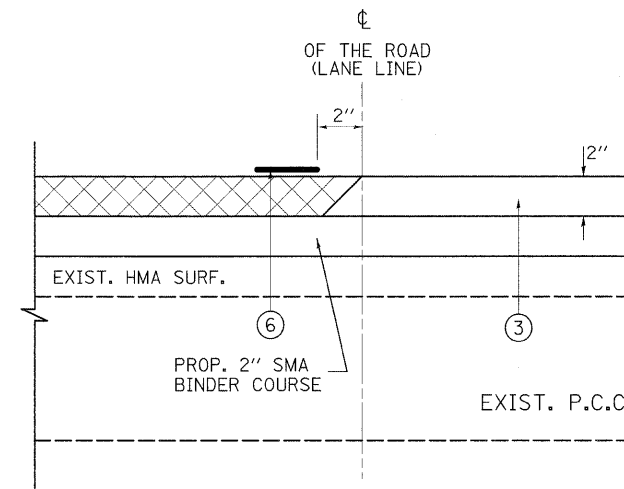


DETAIL 'B' (TYPICAL)

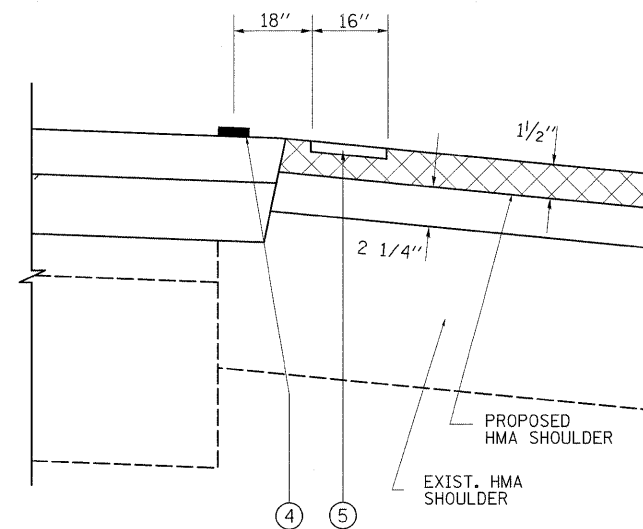
**PAVING DETAILS**



DETAIL 'A' (TYPICAL)



DETAIL 'C' (TYPICAL)



DETAIL 'D' (TYPICAL)

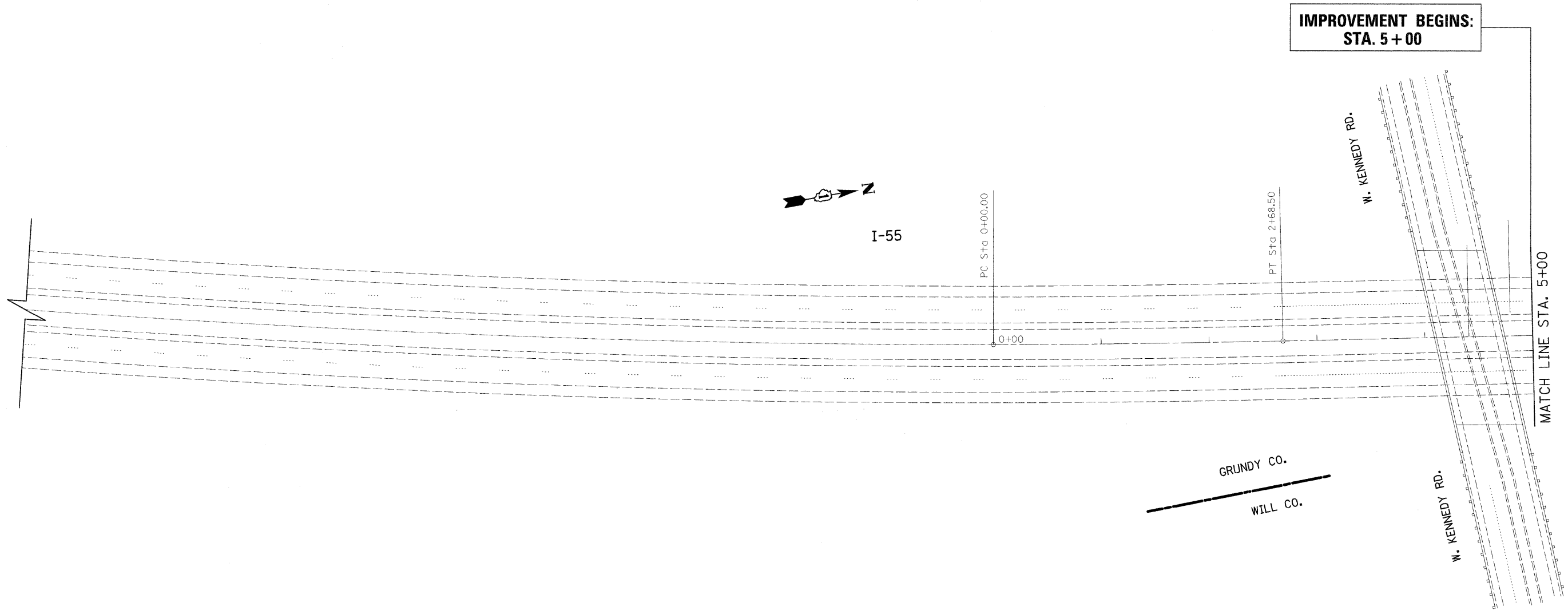
**GENERAL NOTES - TRAFFIC CONTROL**

1. THE CONTRACTOR SHALL PLACE AND MAINTAIN DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS AT 100-FOOT C-C ON THE SHOULDER ADJACENT TO MILLED AREAS. DRUMS WILL REMAIN IN PLACE UNTIL THE PROPOSED SURFACE HAS BEEN PLACED AND EDGE LINES HAVE BEEN INSTALLED.
2. AT THE END OF EACH NIGHTLY SHIFT, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN, PLACE TEMPORARY PAVEMENT MARKING AND REMOVE TRAFFIC CONTROL FOR LANE CLOSURE.
3. THE MILLING REQUIRED TO PLACE A TAPER BETWEEN LANES (SEE DETAILS A, B AND C) WILL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL 4".
4. GRADE DIFFERENTIAL BETWEEN PAVED LANES SHALL NOT EXCEED 2".

**LEGEND FOR DETAILS A, B, C & D**

- ① PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ② PROPOSED EPOXY PAVEMENT MARKING, LINE 5"
- ③ PROPOSED SMA SURFACE COURSE, 2"
- ④ PROPOSED THERMOPLASTIC PAVEMENT MARKING, LINE 4"
- ⑤ PROPOSED RUMBLE STRIP ON SHOULDER
- ⑥ PERFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5"

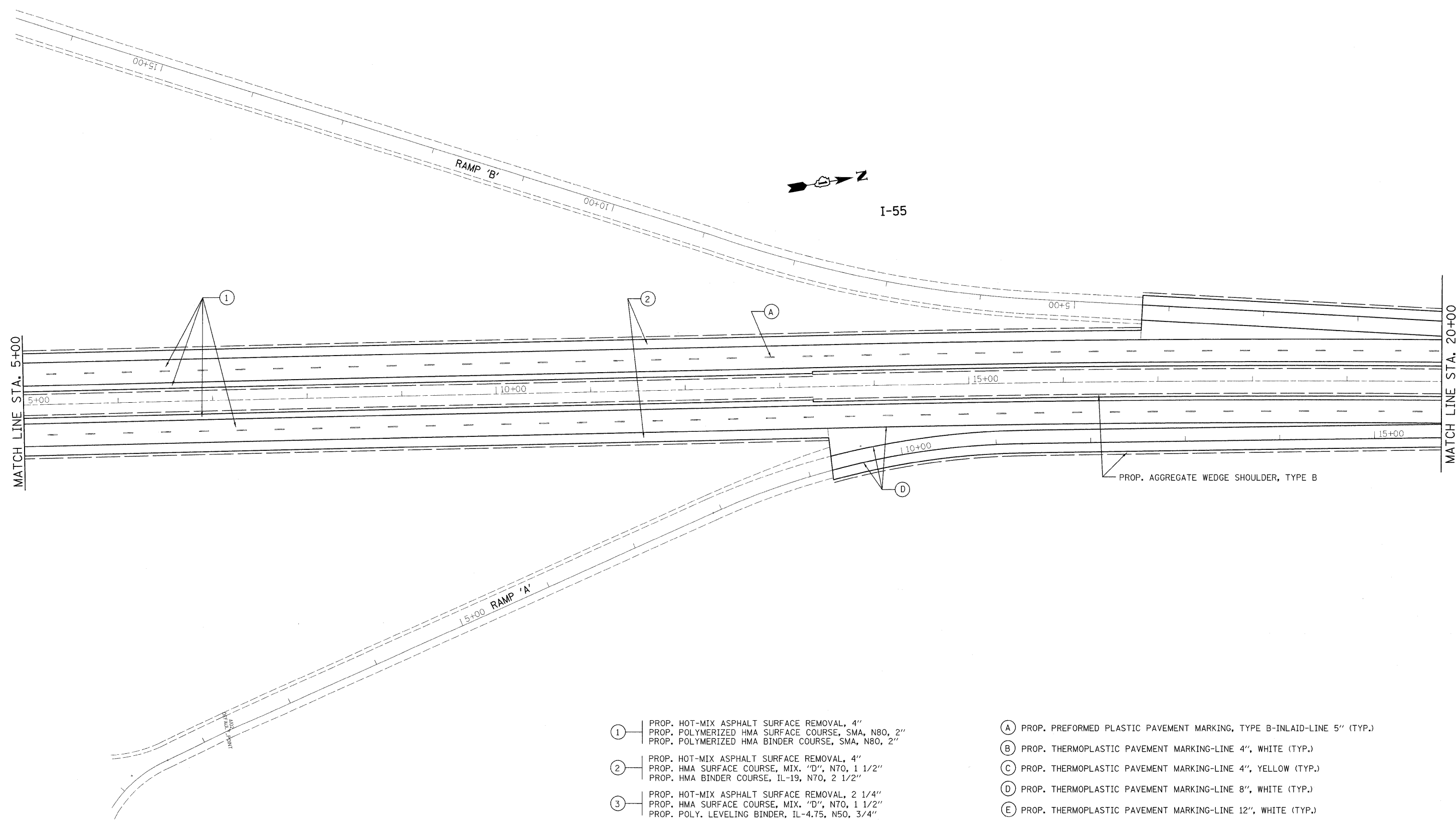
FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 55 SUGGESTED SEQUENCE OF OPERATIONS, DETAILS &amp; GENERAL NOTES-TRAFFIC CONTROL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
si\pw_work\VPWIDOT\ABEBAWA\d0159692\sh-t-b\en.dgn	PLOT SCALE = 50,0000' / IN.	DRAWN -	REVISED -			55	99 (1&2) R5-11	WILL	45	9	
	PLOT DATE = 12/23/2009	CHECKED -	REVISED -			CONTRACT NO. 60153					
		DATE -	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
est:\pw_work\K\PWIDOT\ABEBAWA\d8169692\sh-t-plan.dgn		DRAWN -	REVISED -		55	99 (1&2) RS-11	WILL	45	10		
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60I53			ILLINOIS FED. AID PROJECT			
PLOT DATE = 12/23/2009		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.				

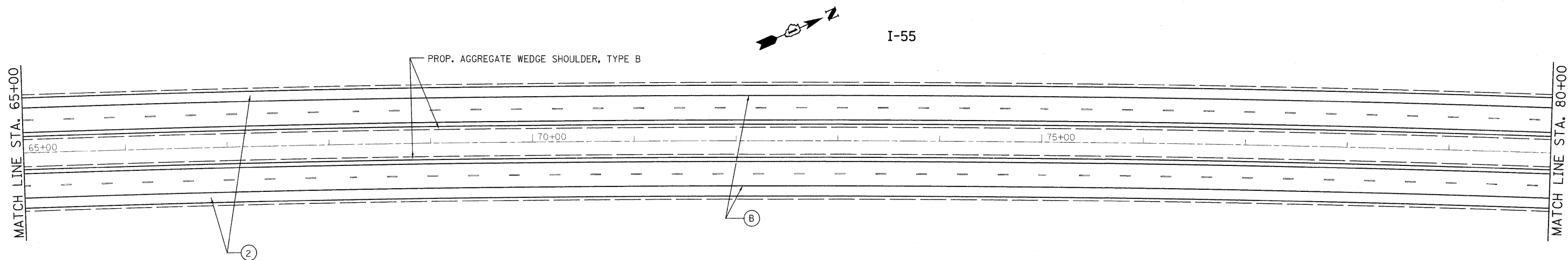
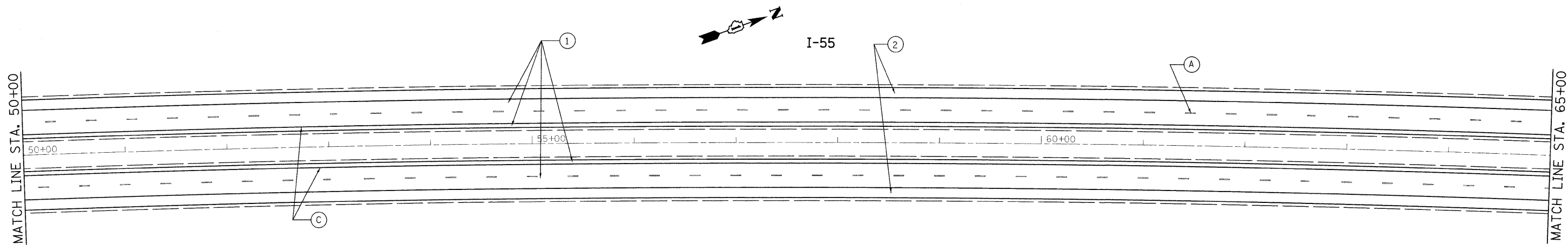


- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. 'D', N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. 'D', N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\VPWIDOT\ABEBAWA\00159692\sh-	plan.dgn	DRAWN -	REVISED -		55	99 (1&2) RS-11	WILL	45	11			
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 60153			ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/23/2009	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.		





- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et\pw_work\VPWIDOT\ABEBAWA\0159692\sh-t- plan.dgn		DRAWN -	REVISED -			55	99 (1&2) RS-11	WILL	45	13
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 60153				
PLOT DATE = 12/23/2009		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:      SHEET NO.    OF    SHEETS    STA.                    TO STA.						

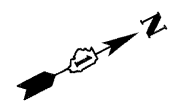
MATCH LINE STA. 80+00

MATCH LINE STA. 95+00

MATCH LINE STA. 95+00

MATCH LINE STA. 110+00

PT Sta 81+88.22  
PC Sta 82+05.34



I-55

②

Ⓐ

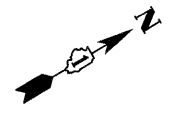
Ⓑ

85+00

90+00

PROP. AGGREGATE WEDGE SHOULDER, TYPE B

Ⓒ



I-55

①

Ⓓ

100+00

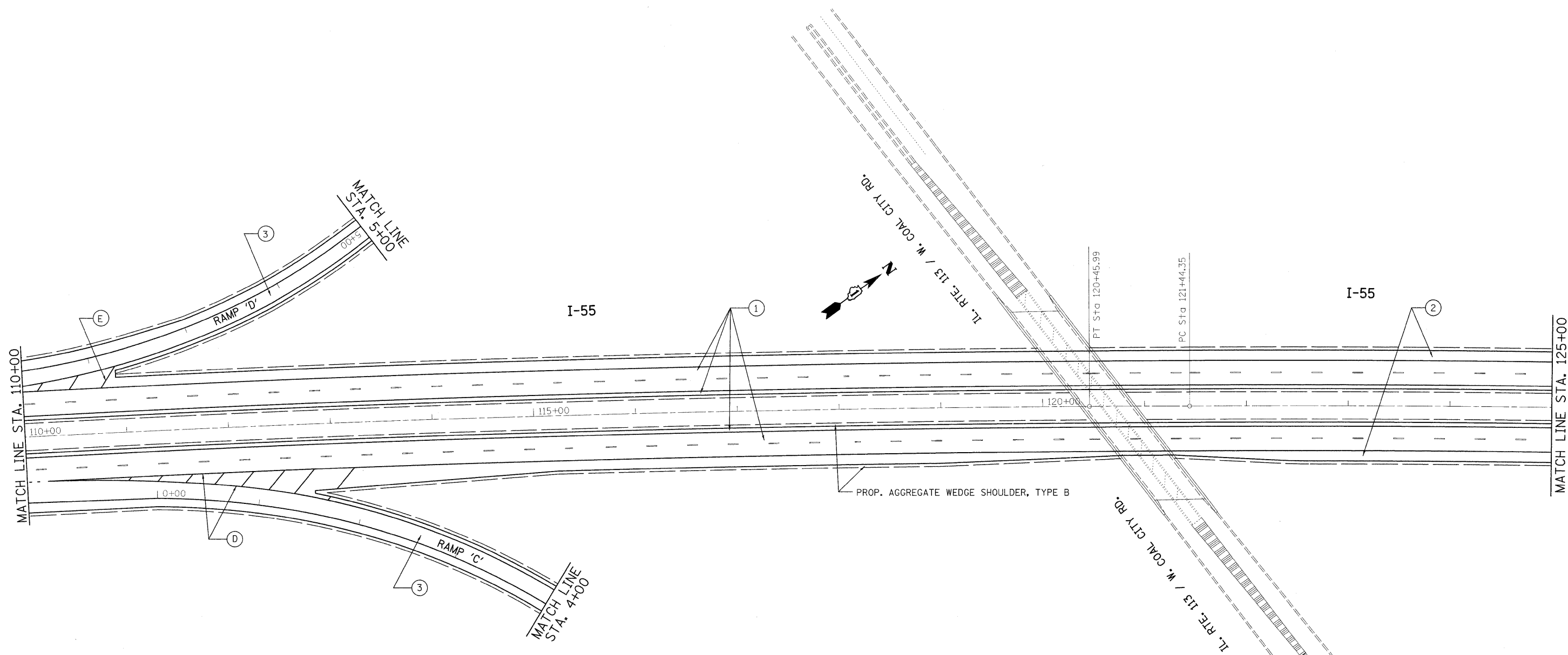
105+00

PROP. THERMO. PVT. MRK.-4"  
(2' DASH-6' SKIP, WHITE)

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

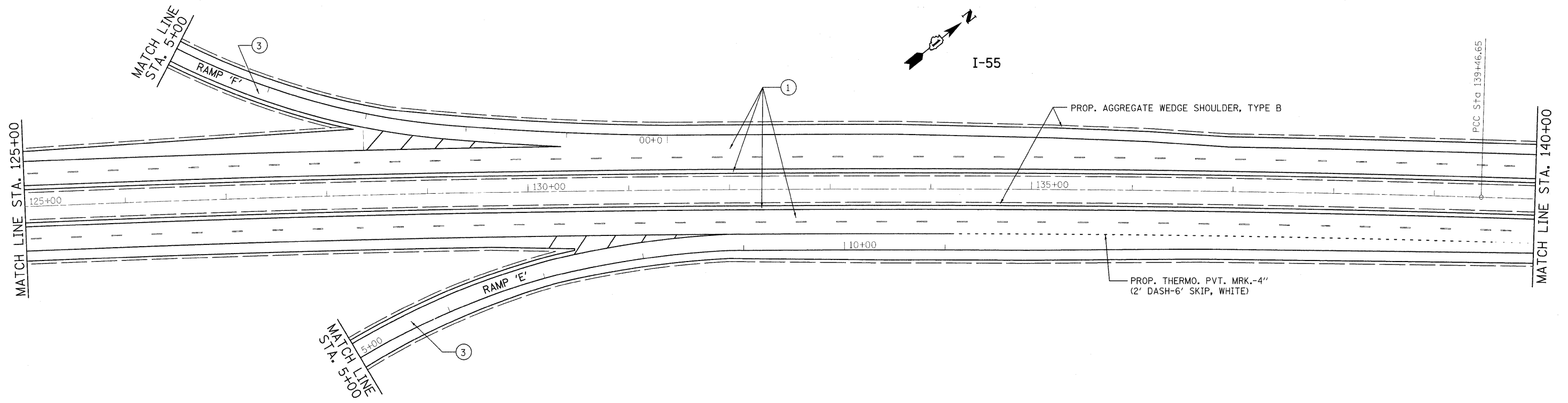
- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME = c:\pwwork\pww\DOT\ABEBAWA\d0169692\sh1-	USER NAME = abebawa blen.dgn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER</b>			F.A.I. RTE. 55	SECTION 99 (I&2) RS-11	COUNTY WILL	TOTAL SHEETS 45	SHEET NO. 14
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60153	
PLOT DATE = 12/23/2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\pw\DOT\ABEBAWA\08169692\sh-t-plan.dgn		DRAWN -	REVISED -		55	99 (I&2) RS-11	WILL	45	15		
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60153			ILLINOIS FED. AID PROJECT			
PLOT DATE = 12/23/2009		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.				



- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwwork\FWIDOT\ABEBAWA\d0169692\sh-t-11en.dgn		DRAWN -	REVISED -		55	99 (1&2) RS-11	WILL	45	16		
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60153				
PLOT DATE = 12/23/2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						



MATCH LINE STA. 140+00

MATCH LINE STA. 155+00

MATCH LINE STA. 155+00

MATCH LINE STA. 170+00

PROP. THERMO. PVT. MRK.-4"  
(2' DASH-6" SKIP, WHITE)

EXIST. CURVE E.155-5  
 PI STA. = 143+28.31  
 $\Delta = 1^{\circ} 39' 56''$  (RT)  
 $D = 0^{\circ} 13' 06''$   
 $R = 26,257.67'$   
 $T = 381.66'$   
 $L = 763.27'$   
 $E = 2.77'$   
 $e = \text{-----}$   
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 139+46.65  
 P.T. STA. = 147+09.92

EXIST. CURVE E.155-6  
 PI STA. = 157+69.83  
 $\Delta = 5^{\circ} 43' 07''$  (RT)  
 $D = 0^{\circ} 16' 12''$   
 $R = 21,221.25'$   
 $T = 1,059.91'$   
 $L = 2,118.05'$   
 $E = 26.45'$   
 $e = \text{-----}$   
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 147+09.92  
 P.T. STA. = 168+27.98

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME =  
 c:\pwwork\pwidot\ABEBAWA\d8169692\sh-t-plan.dgn

USER NAME = abebawa  
 PLOT SCALE = 50.0000' / IN.  
 PLOT DATE = 12/23/2009

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

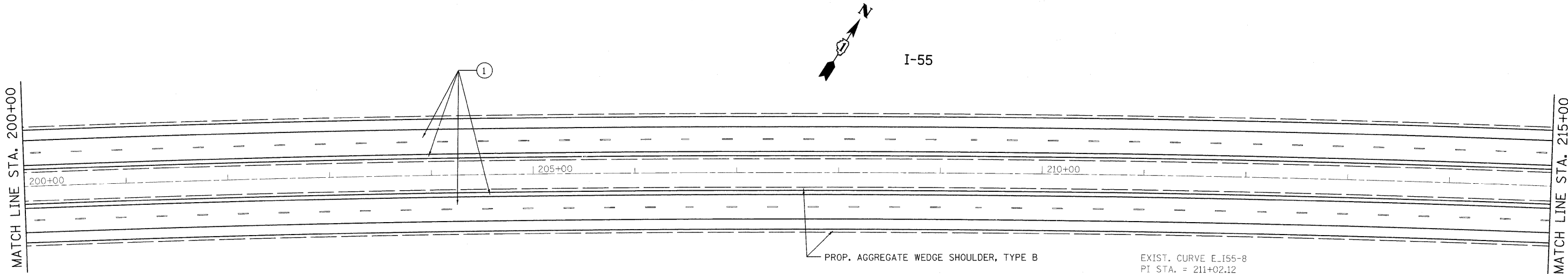
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL. ROUTE 55  
 GRUNDY COUNTY LINE TO KANKAKEE RIVER**

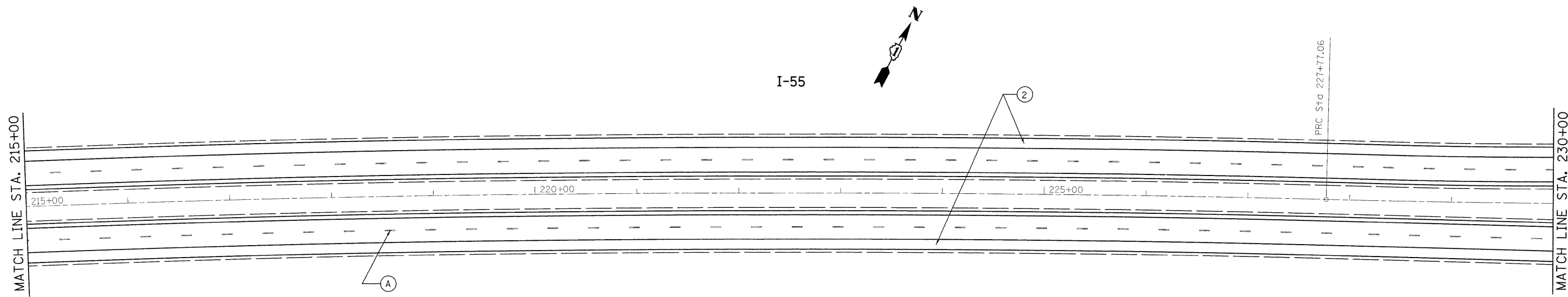
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) RS-11	WILL	45	17
CONTRACT NO. 60153				
ILLINOIS FED. AID PROJECT				



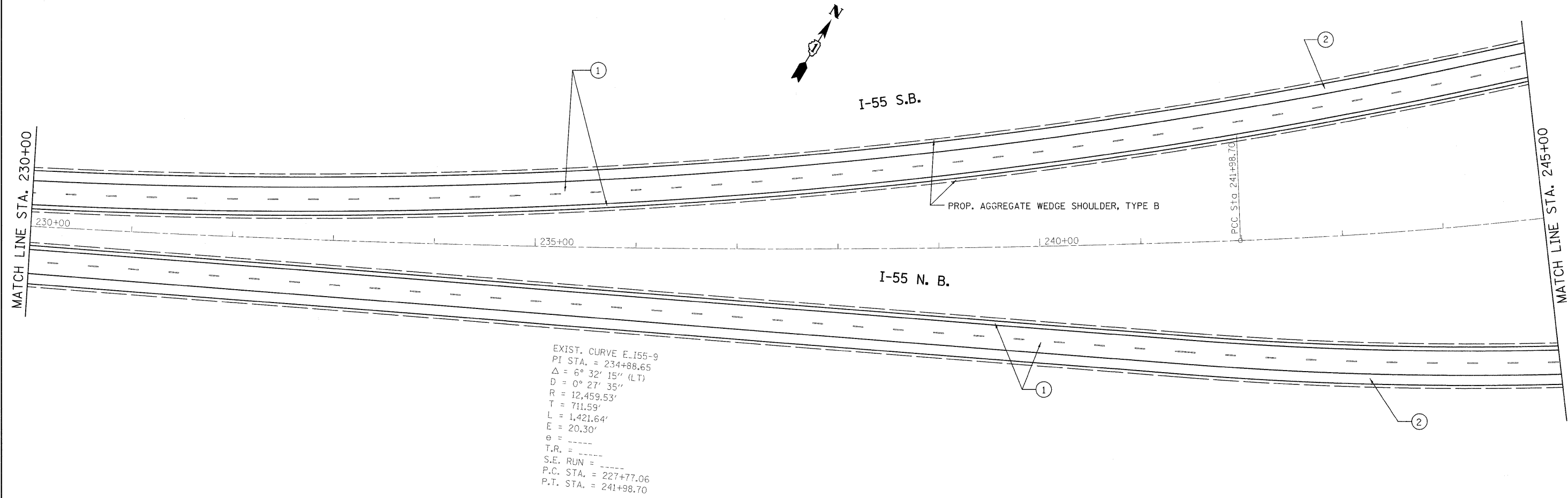


EXIST. CURVE E\_I55-8  
 PI STA. = 211+02.12  
 $\Delta$  = 9° 12' 37" (RT)  
 D = 0° 16' 28"  
 R = 20,884.34'  
 T = 1,682.18'  
 L = 3,357.12'  
 E = 67.64'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 194+19.94  
 P.T. STA. = 227+77.06



- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
 PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
 PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
 PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
 PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
- (A) PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (C) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

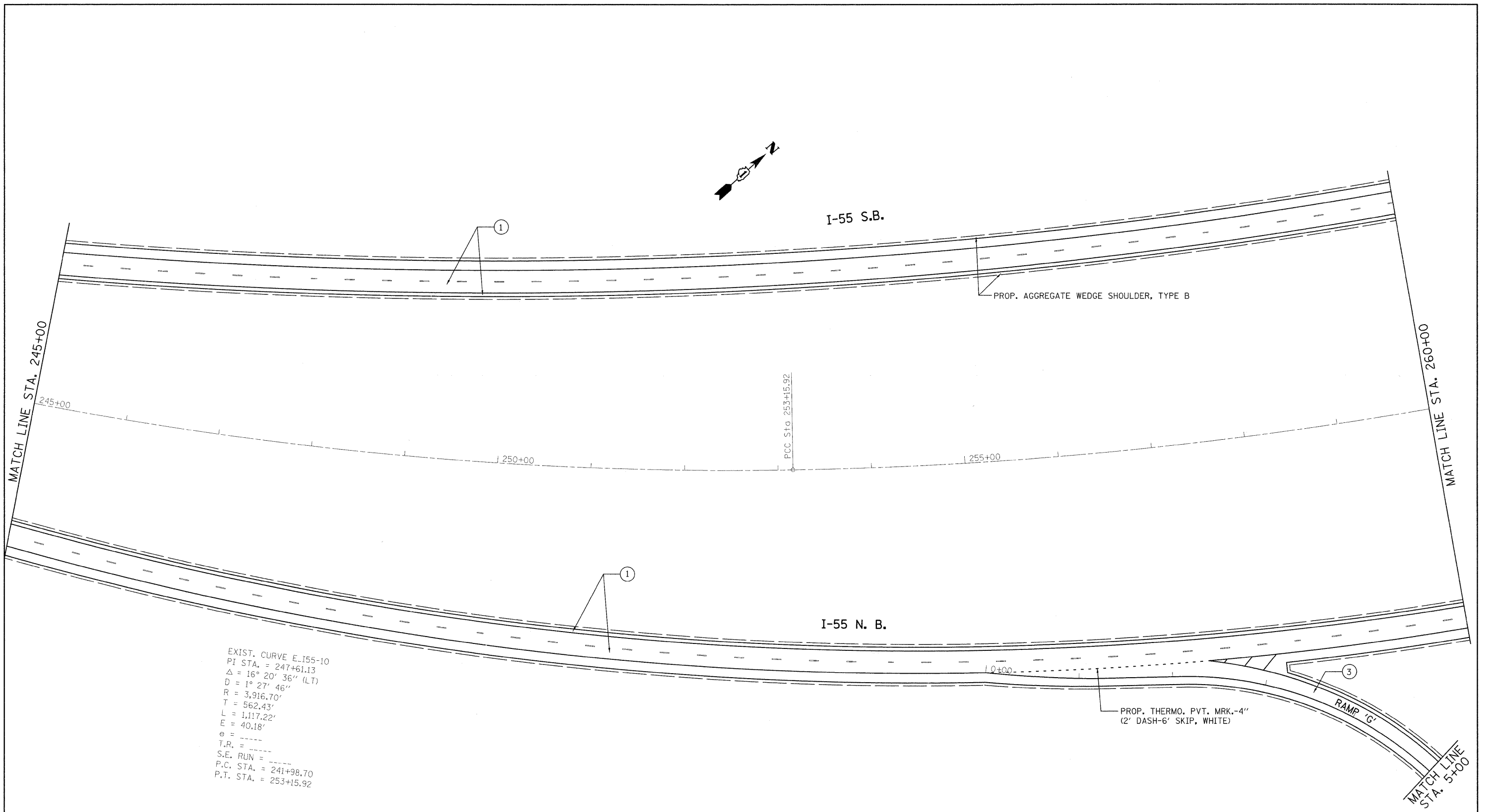
FILE NAME = c:\pwwork\pwwtdot\ABEBAWA\d0159692\sh-t	USER NAME = abobawa blen.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER		F.A.I RTE. 55	SECTION 99 (1&2) RS-11	COUNTY WILL	TOTAL SHEETS 45	SHEET NO. 19	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60153				
PLOT DATE = 12/23/2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
 PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
 PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
 PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
 PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

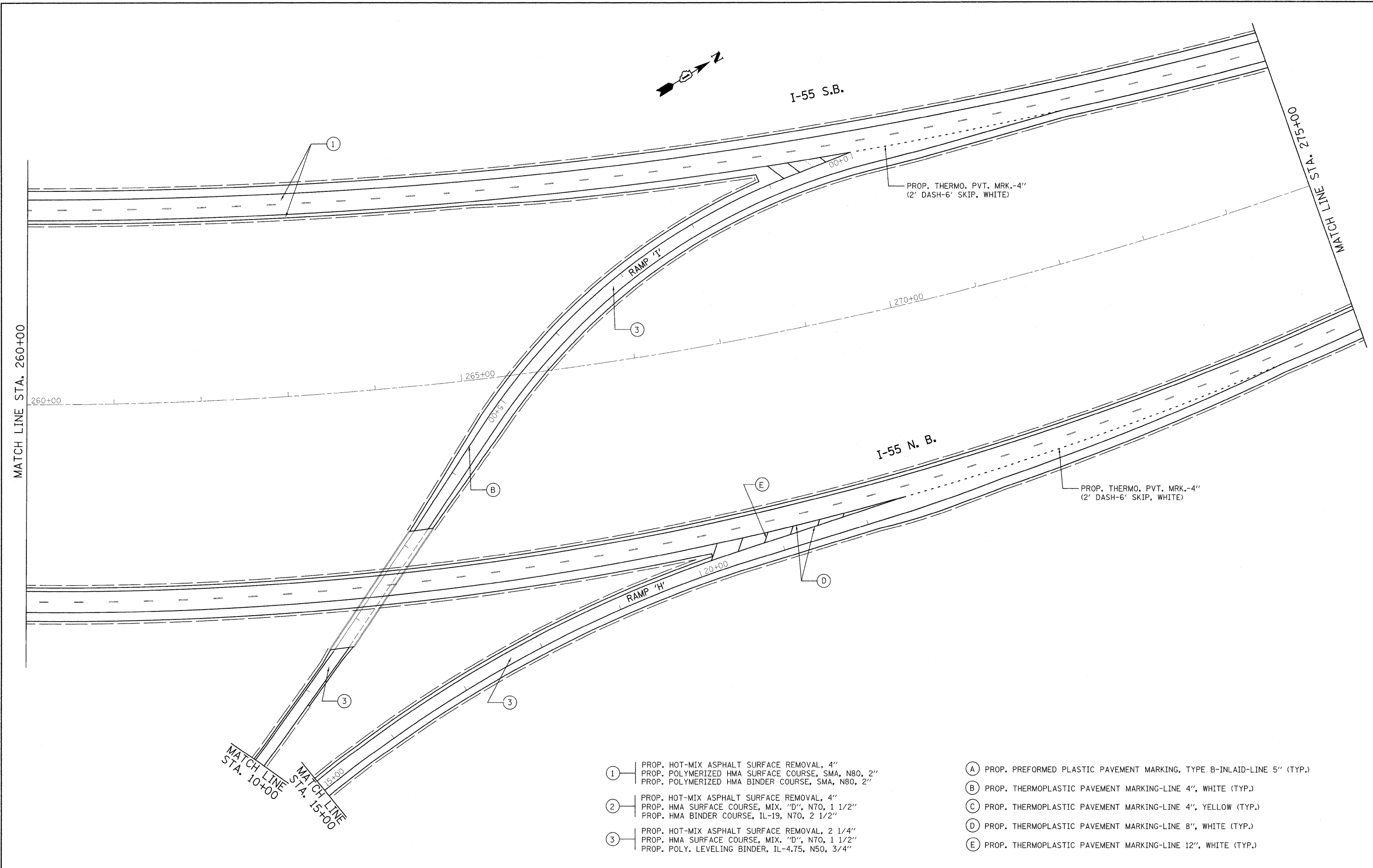
FILE NAME =	USER NAME = abobowo	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct\pwork\VPWIDOT\ABEBAWA\d0159692\sh-	plan.dgn	DRAWN -	REVISED -			55	99 (1&2) RS-11	WILL	45	20	
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 60153					
	PLOT DATE = 12/23/2009	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. OF SHEETS STA. TO STA.					



EXIST. CURVE E-I55-10  
 PI STA. = 247+61.13  
 $\Delta = 16^\circ 20' 36''$  (LT)  
 $D = 1^\circ 27' 46''$   
 $R = 3,916.70'$   
 $T = 562.43'$   
 $L = 1,117.22'$   
 $E = 40.18'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 P.C. STA. = 241+98.70  
 P.T. STA. = 253+15.92

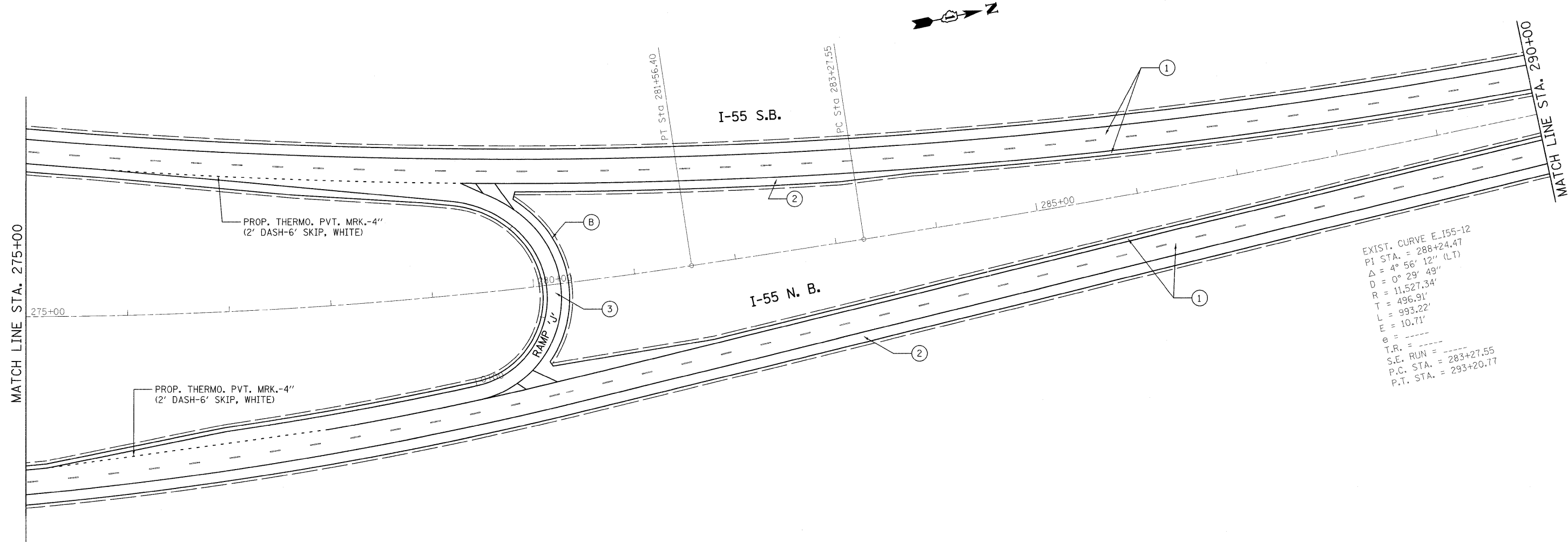
- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
 PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
 PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
 PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
 PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
- A PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- B PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- C PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- D PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- E PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME =	USER NAME = abobawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
est:\pw_work\k\PWIDOT\ABEBAWA\d0169692\sh-t-plan.dgn		DRAWN -	REVISED -		55	99 (1&2) RS-11	WILL	45	21		
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60153			ILLINOIS FED. AID PROJECT			
PLOT DATE = 12/23/2009		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.				



- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER</b>		F.A.I. RTE. 55	SECTION 99 (1&2) RS-11	COUNTY WILL	TOTAL SHEETS 45	SHEET NO. 22	
et:\pw_work\PWIDOT\ABEBAWA\d0169692\sh-t-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60153				
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = 12/23/2009		DATE -	REVISED -									

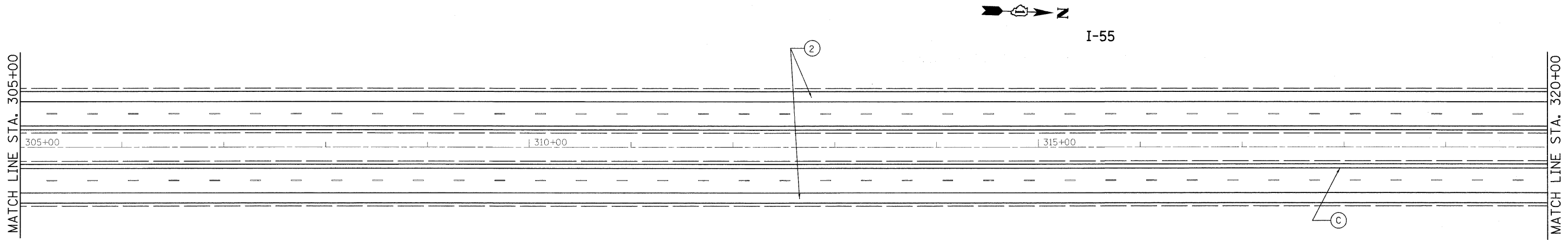
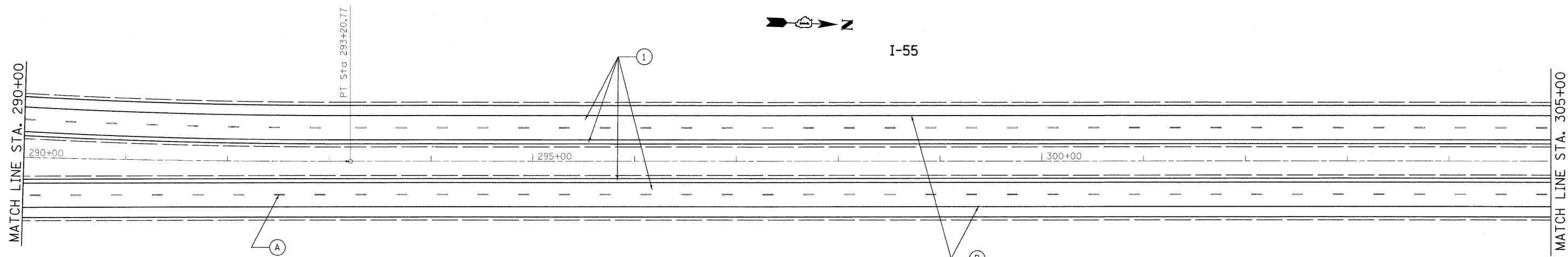


EXIST. CURVE E-155-12  
 PI STA. = 288+24.47  
 $\Delta = 4^\circ 56' 12''$  (L.T)  
 $D = 0^\circ 29' 49''$   
 $R = 11,527.34'$   
 $T = 496.91'$   
 $L = 993.22'$   
 $E = 10.71'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 283+27.55$   
 $P.T. STA. = 293+20.77$

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
 PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
 PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
 PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
 PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

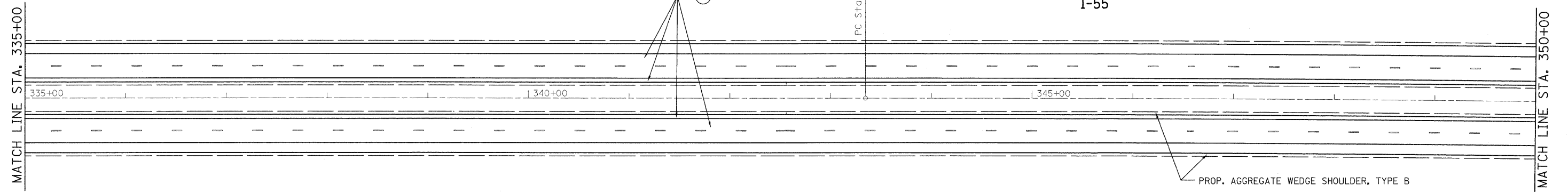
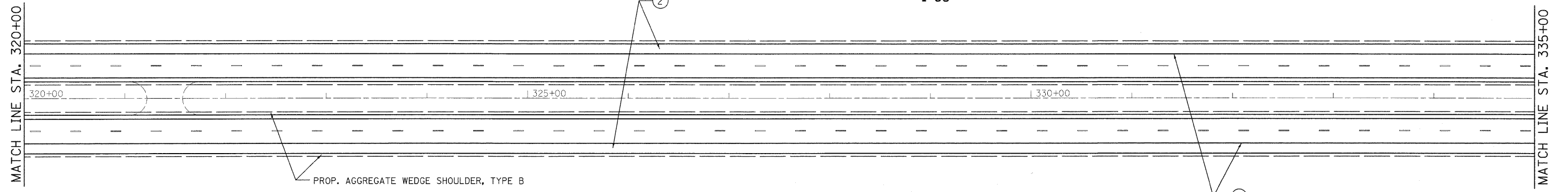
FILE NAME =	USER NAME = ababawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER</b>		F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\pwidot\ABEBAWA\0169692\sh-	plan.dgn	DRAWN -	REVISED -		55	99 (I&2) RS-11	WILL	45	23		
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 60153			ILLINOIS FED. AID PROJECT			
	PLOT DATE = 12/23/2009	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	



- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME = c:\pw\work\p\WIDOT\ABEBAWA\00169692\sh-t-plan.dgn	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER		F.A.I RTE. 55	SECTION 99 (1&2) RS-11	COUNTY WILL	TOTAL SHEETS 45	SHEET NO. 24	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60153				
PLOT DATE = 12/23/2009	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

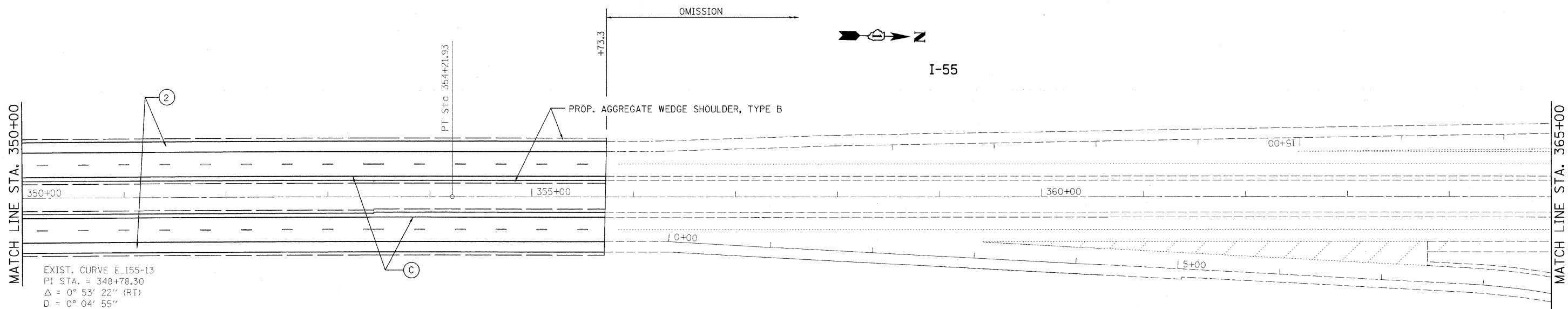




- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

- (A) PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (C) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

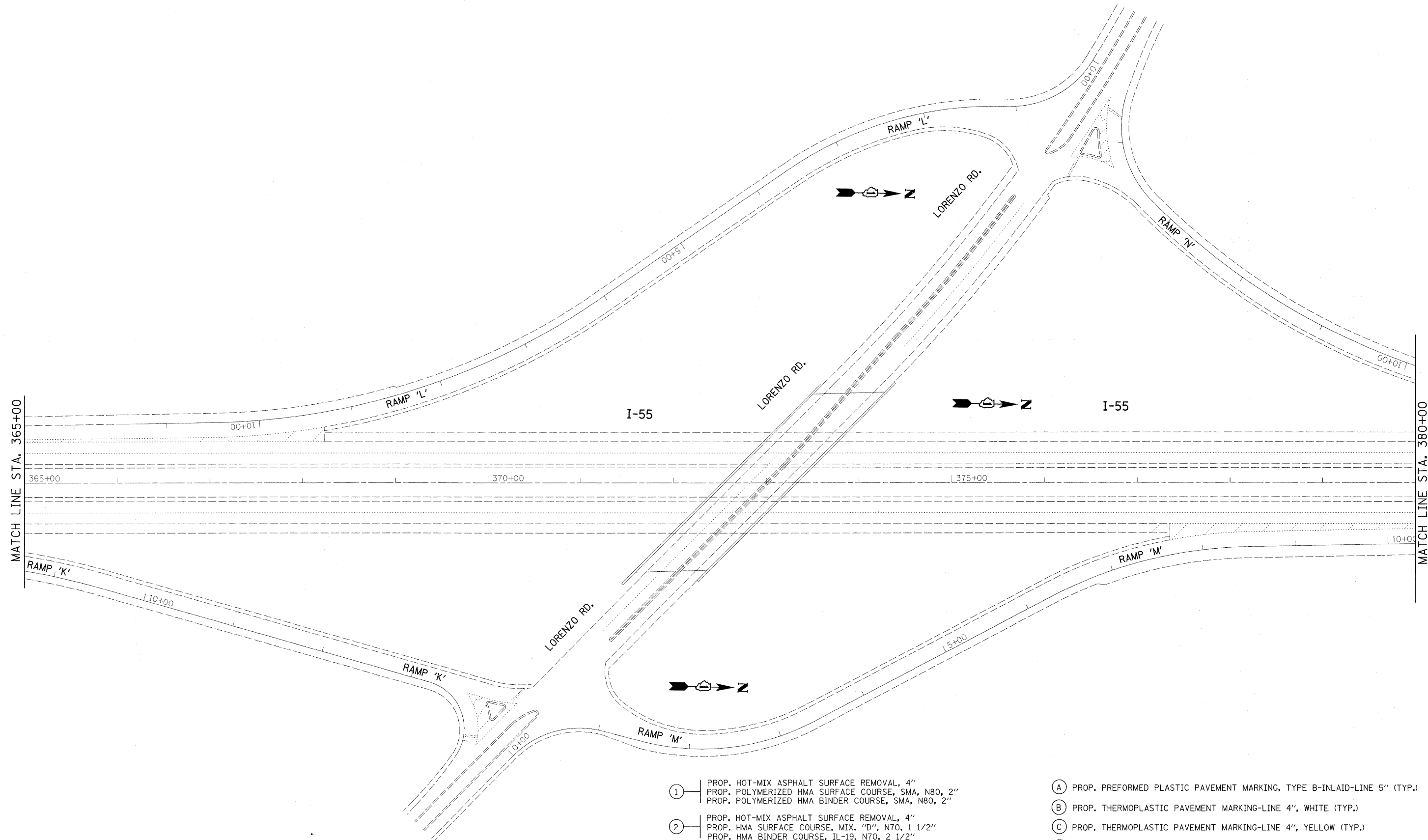
FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwwork\pwwid\TABEBAWA\d0169692\sh- plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	WILL	45	25
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60153								
PLOT DATE = 12/23/2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



EXIST. CURVE E-155-13  
 PI STA. = 348+78.30  
 $\Delta = 0^\circ 53' 22''$  (RT)  
 $D = 0^\circ 04' 55''$   
 $R = 70,032.53'$   
 $T = 543.65'$   
 $L = 1,087.28'$   
 $E = 2.11'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 343+34.66$   
 $P.T. \text{ STA.} = 354+21.93$

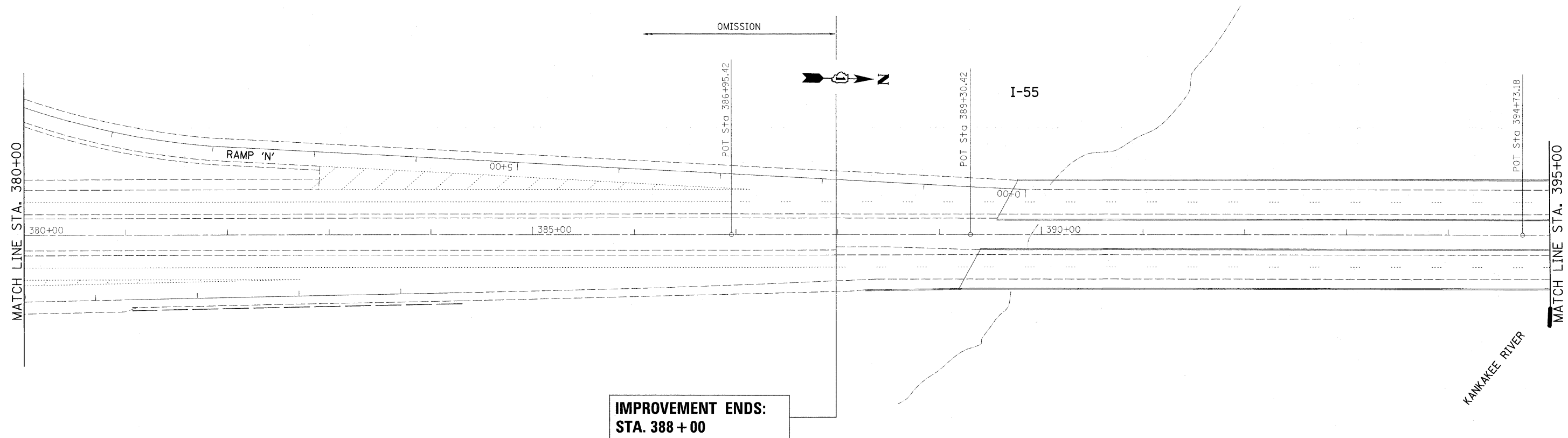
- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
 PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
 PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
 PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
 PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER		F.A.I. RTE. 55	SECTION 99 (1&2) RS-11	COUNTY WILL	TOTAL SHEETS 45	SHEET NO. 26	
ci:\pw\work\pvidot\abebawa\d0169692\shd-1.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60153				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\p\p\abebawa\d0169692\shd	andgn	DRAWN -	REVISED -		55	99 (1&2) RS-11	WILL	45	27			
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 60I53				
PLOT DATE = 1/6/2018		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



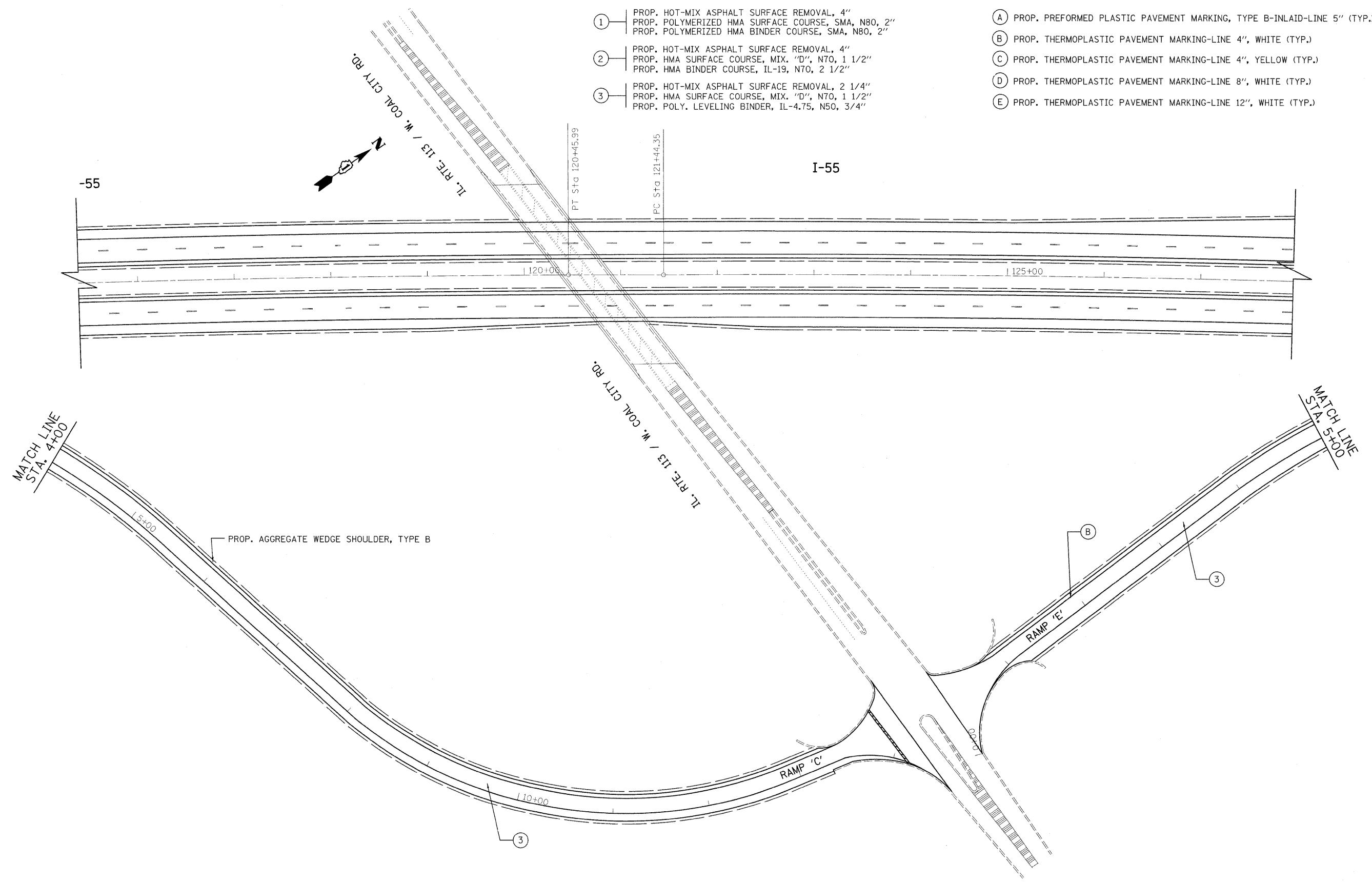
**IMPROVEMENT ENDS:  
STA. 388 + 00**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"</li> <li>PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"</li> <li>PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"</li> <li>② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"</li> <li>PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"</li> <li>PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"</li> <li>③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"</li> <li>PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"</li> <li>PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"</li> </ul> | <ul style="list-style-type: none"> <li>Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)</li> <li>Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)</li> <li>Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)</li> <li>Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)</li> <li>Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)</li> </ul> |
|--|--|

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL. ROUTE 55 GRUNDY COUNTY LINE TO KANKAKEE RIVER	F.A.I RTE. 55	SECTION 99 (1&2) RS-11	COUNTY WILL	TOTAL SHEETS 45	SHEET NO. 28
ct:\pw_work\pwwork\abebawa\d0169692\sh...	plan.dgn	DRAWN -	REVISED -							
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -							
	PLOT DATE = 1/5/2010	DATE -	REVISED -							
						SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60153 ILLINOIS FED. AID PROJECT		

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

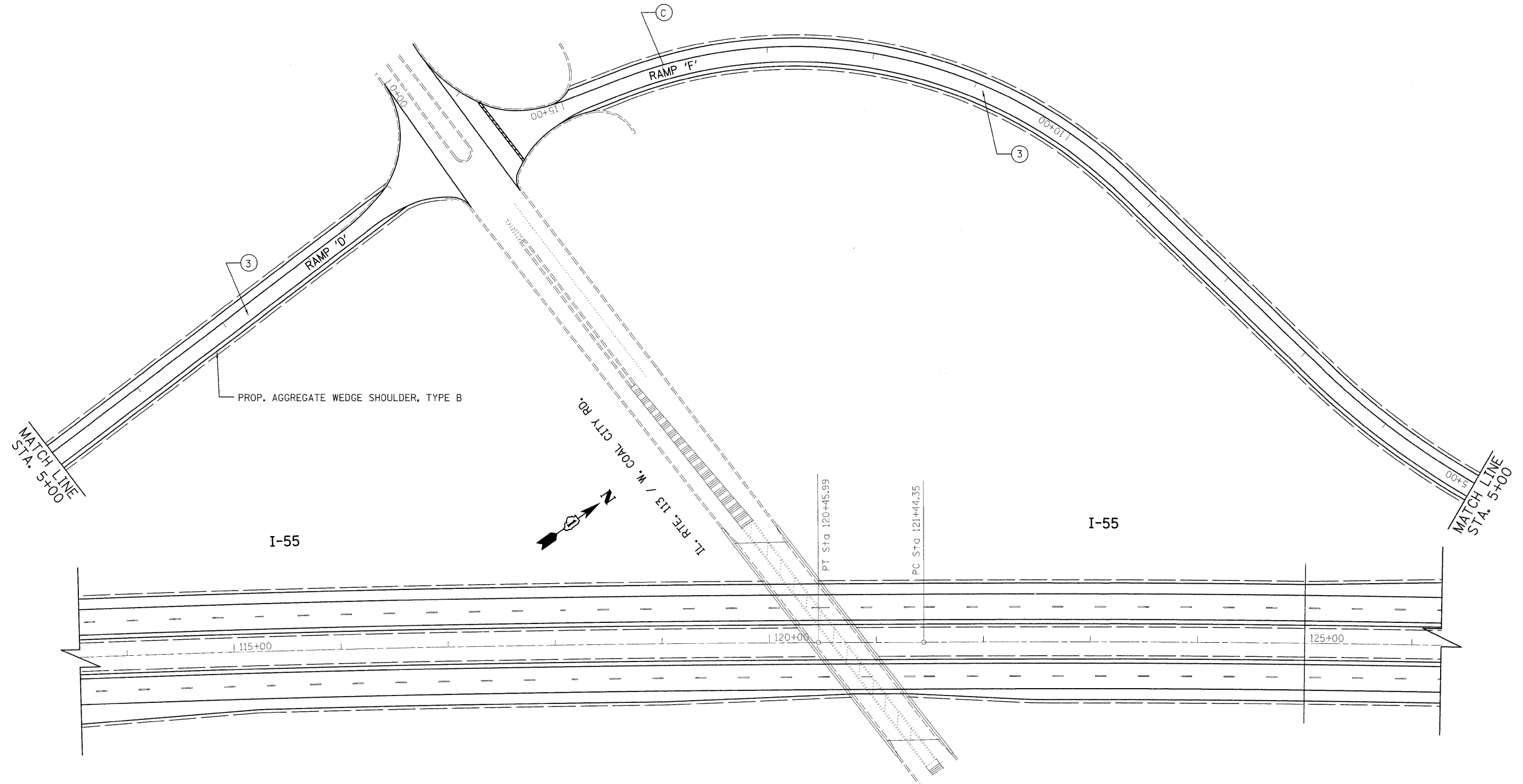
- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)



FILE NAME =	USER NAME = ababawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-55 RAMPS "C" AND "E" AT RTE. 113/W. COAL CITY RD.</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\VPWIDOT\ABEBAWA\0169692\sh-	blen.dgn	DRAWN -	REVISED -			55	99 (1&2) R5-11	WILL	45	29	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	SCALE:			SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60153			
PLOT DATE = 12/23/2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

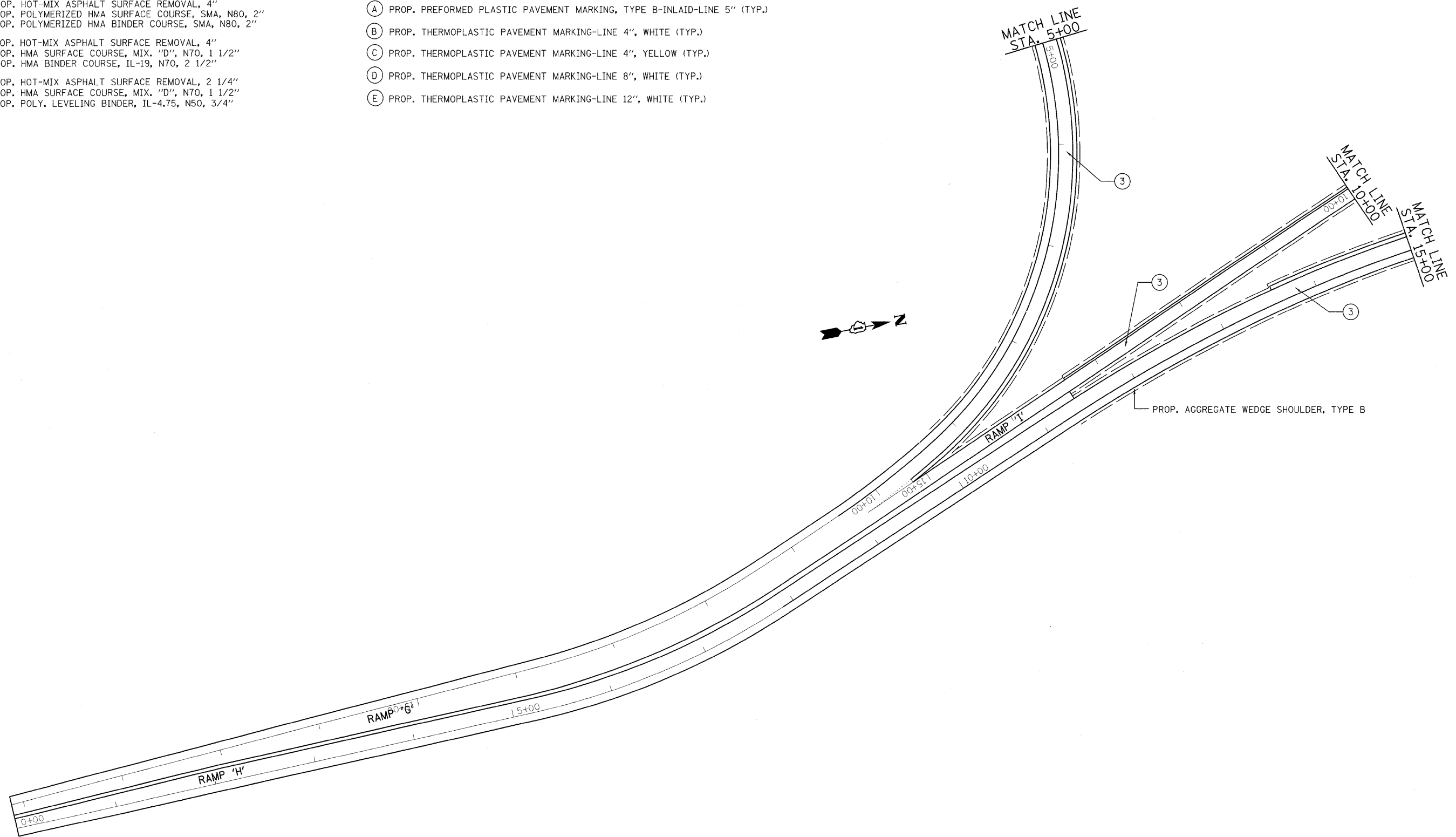
- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)



FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-55 RAMPS "D" AND "F" AT RTE. 113/W. COAL CITY RD.</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\NFWIDOT\ABEBAWA\02159692\sh-t-plan.dgn	DRAWN -	REVISED -	55			99 (1&2) RS-11	WILL	45	30	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 60153							
PLOT DATE = 12/23/2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. OF SHEETS		STA. TO STA.		

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80, 2"  
PROP. POLYMERIZED HMA BINDER COURSE, SMA, N80, 2"
- ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"  
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"

- Ⓐ PROP. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)



FILE NAME =  
c:\pw\_work\PNWIDOT\ABEBAWA\0169692\sh-11en.dgn

USER NAME = abebawa  
DESIGNED -  
DRAWN -  
PLOT SCALE = 50,0000' / IN.  
PLOT DATE = 12/23/2009

REVISIED -  
REVISIED -  
REVISIED -  
DATE -

REVISIED -  
REVISIED -  
REVISIED -  
REVISIED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-55 RAMPS "G", "I" & "H"  
AT I-55 NB AND SB**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) RS-11	WILL	45	31
CONTRACT NO. 60153				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

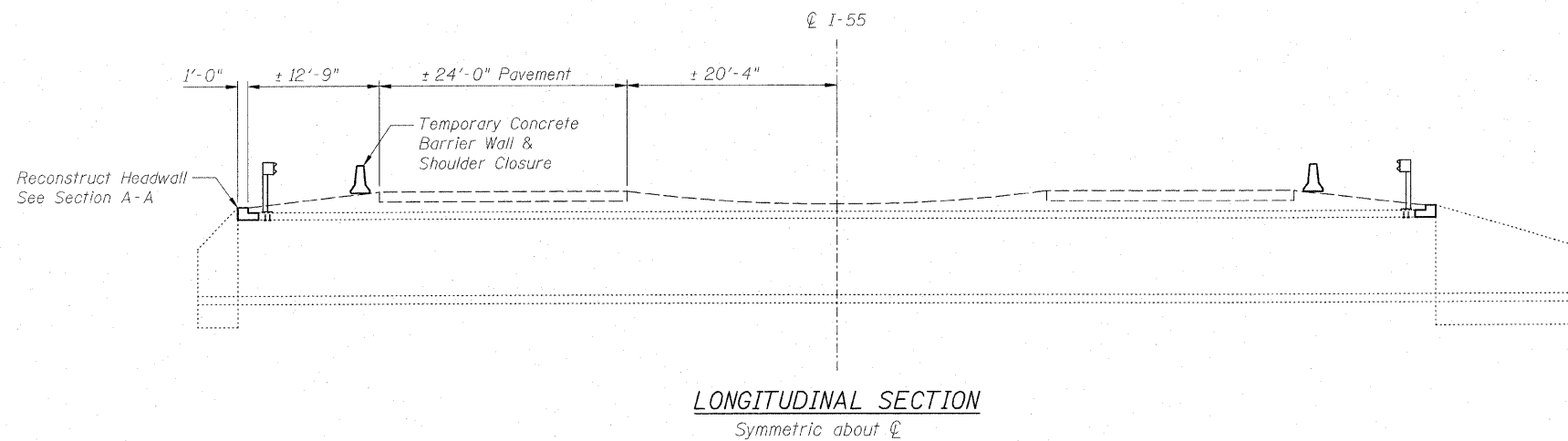
**GENERAL NOTES**

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

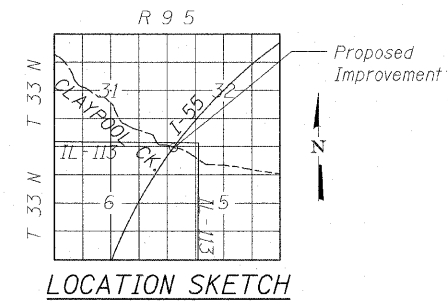
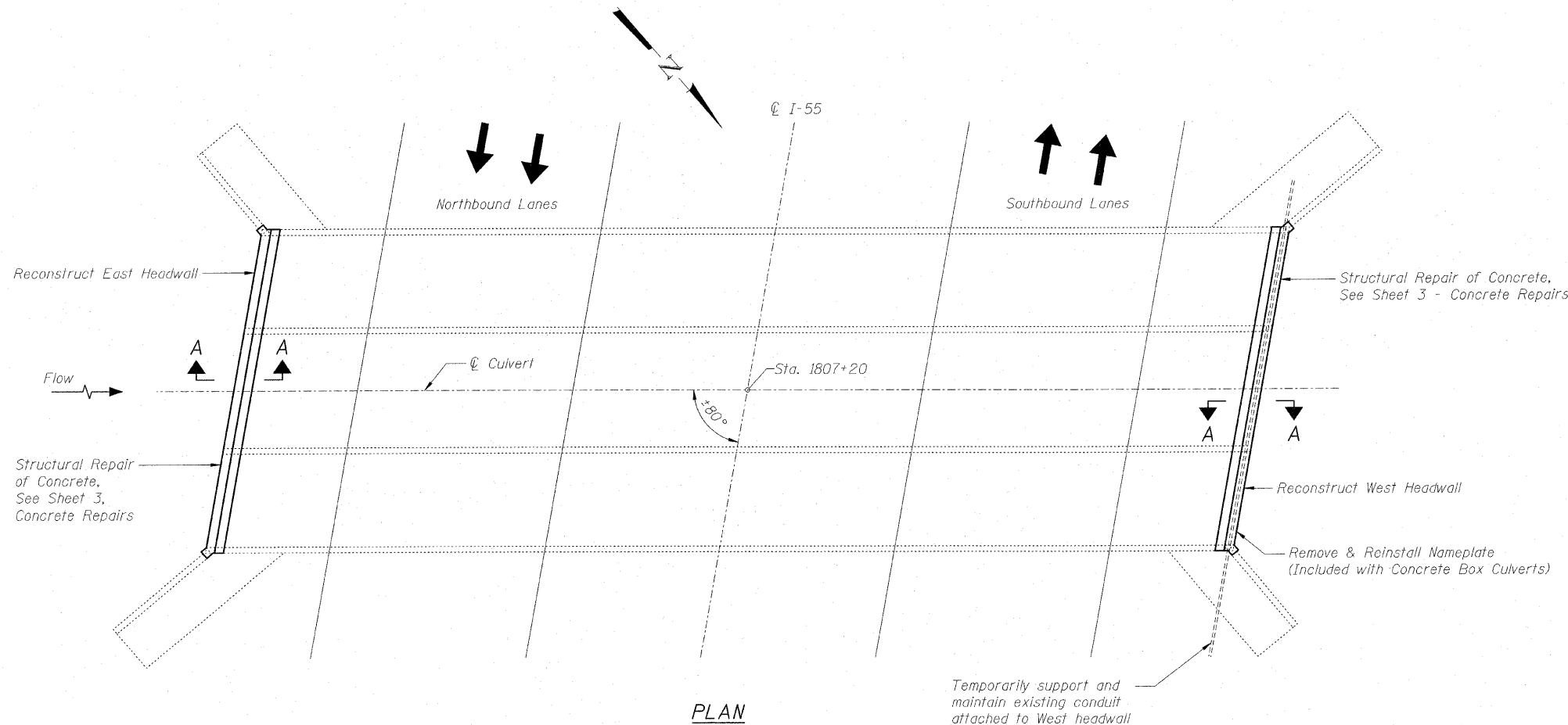
Shoulder material shall be replaced in kind. The cost of this work shall be incidental to Structure Excavation.

Temporary concrete barrier included in the cost of Traffic Control & Protection. (See Roadway Plans.)



**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	5.2
Concrete Box Culverts	Cu. Yd.	5.2
Reinforcement Bars	Pound	2000
REMOVE AND RE-ERECT Steel Plate Beam Guardrail, TYPE B	Ft.	82
Structural Repair of Concrete (Depth Equal to or Less than 5 in.)	Sq. Ft.	15.8
Structure Excavation	Cu. Yd.	9.0



**INDEX OF SHEETS:**

1. General Plan & Section
2. Headwall Reconstruction
3. Concrete Repairs

**GENERAL PLAN & SECTION  
I-55 OVER CLAYPOOL CREEK  
FAI ROUTE 55 - SECTION 90R  
WILL COUNTY  
STATION 1807+20  
STRUCTURE NO. 099-2000**

DESIGNED	BRT
CHECKED	BJM
DRAWN	JNH
CHECKED	BJM



*Robert Tessitore*  
01-06-2010



**Wight & Company**  
2500 North Frontage Road, Darien, IL 60561  
630.969.7000 630.969.7979 fax  
Design Firm Registration 184-000451

SHEET NO. 1 3 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1+2) RS-1-1	WILL	45	32
CONTRACT NO. 60153					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

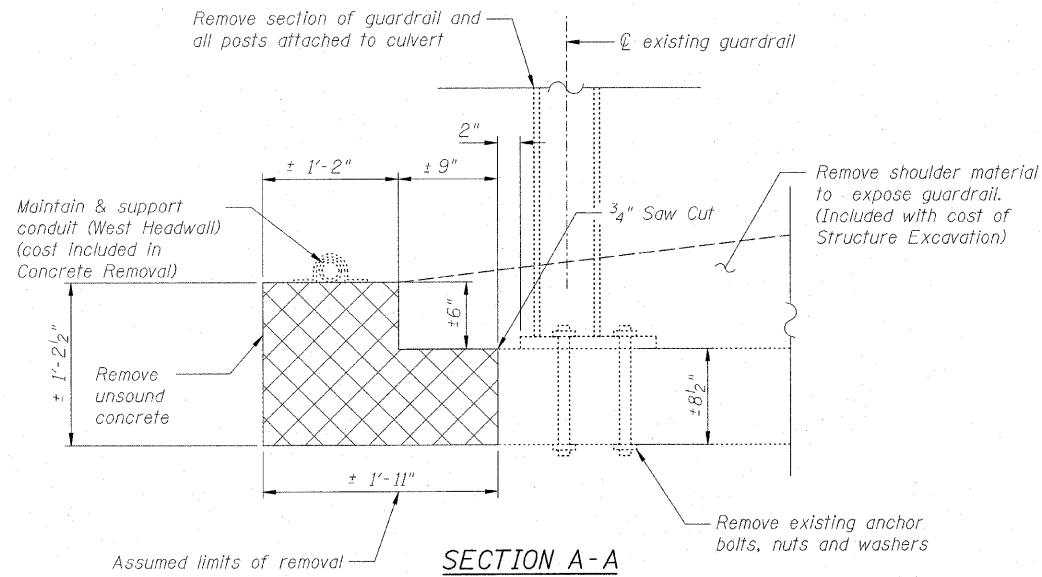
NOTE "A"

The existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

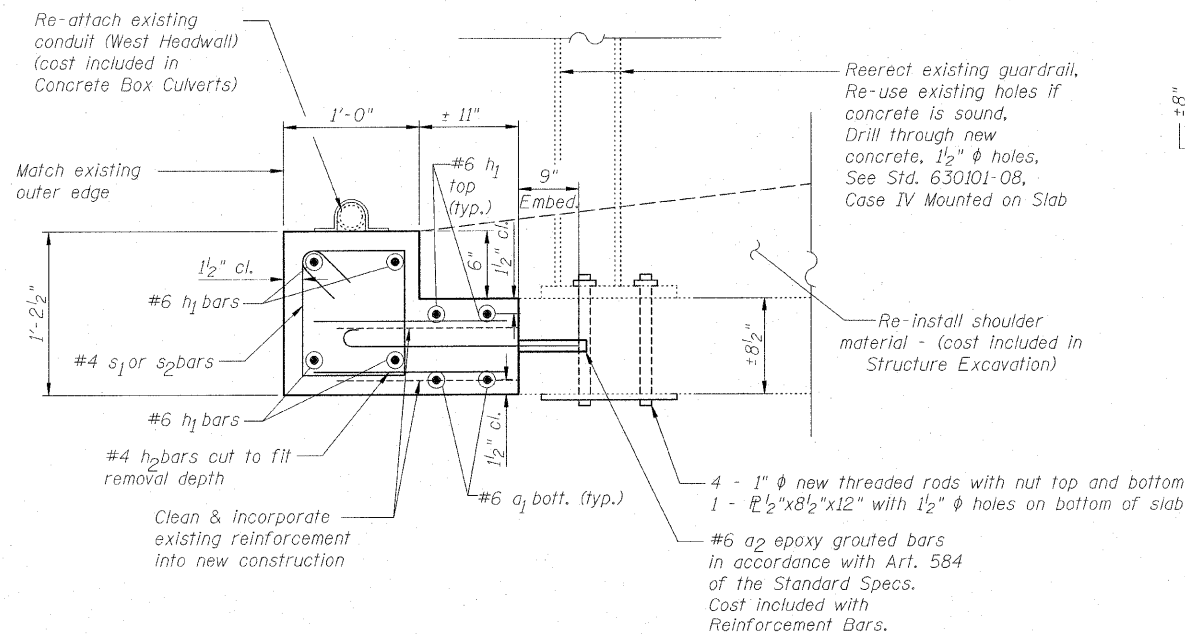
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a <sub>1</sub>	4	#6	38'-6"	
a <sub>2</sub>	76	#6	2'-11"	
h <sub>1</sub>	12	#6	37'-2"	
h <sub>2</sub>	88	#4	2'-0"	
s <sub>1</sub>	36	#4	4'-1"	
s <sub>2</sub>	36	#4	3'-10"	
Reinforcement Bars		Pound	2000	
Concrete Removal		Cu. Yd.	5.2	
Concrete Box Culverts		Cu. Yd.	5.2	
Removal & Reinstallation of Steel Plate Beam Guardrail, Attached to Structures		Ft.	82	

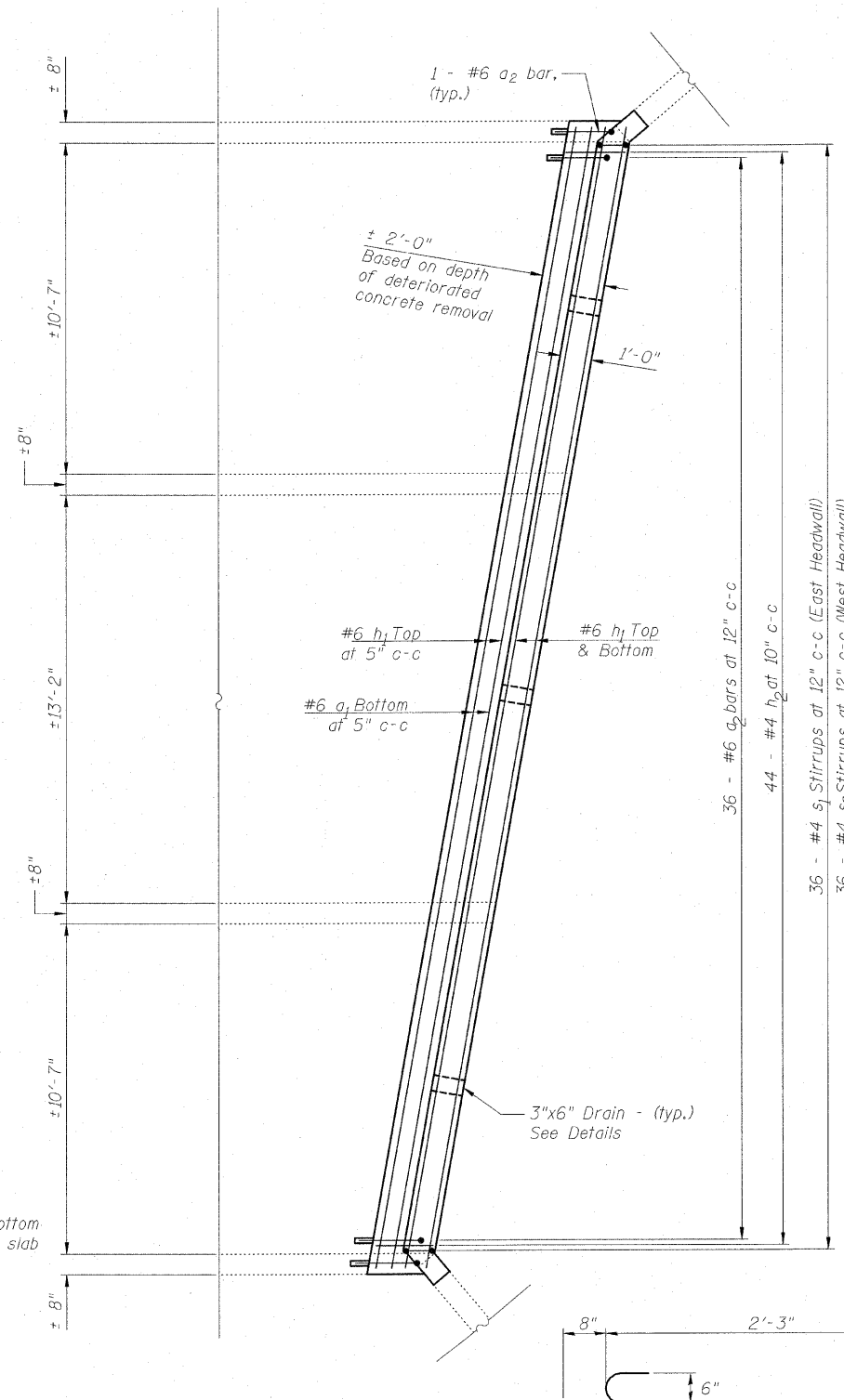
Quantities shown above are for both headwalls combined.



SECTION A-A  
REMOVAL

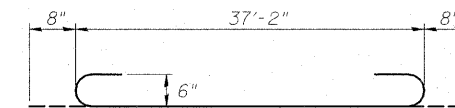


SECTION A-A  
PROPOSED

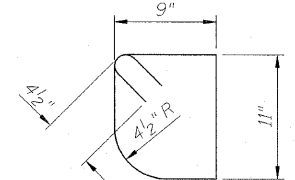


HEADWALL PLAN

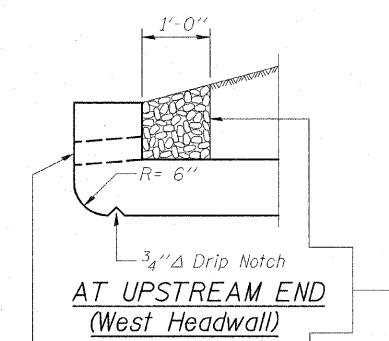
(East Headwall Shown - West Headwall Similar)



BAR a<sub>1</sub>

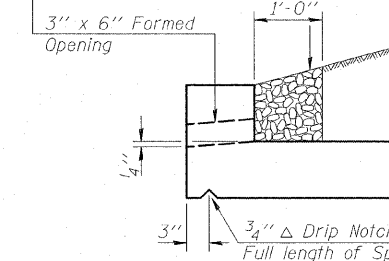


BAR s<sub>2</sub>  
(Upstream End)

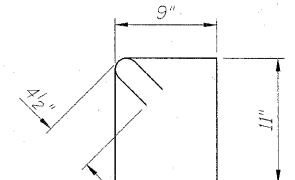


AT UPSTREAM END  
(West Headwall)

Coarse aggregate full length of both headwalls. Cost included with Concrete Box Culverts



AT DOWNSTREAM END  
(East Headwall)



BAR s<sub>1</sub>  
(Downstream End)

DRAIN DETAIL

HEADWALL RECONSTRUCTION  
STRUCTURE NO. 099-2000

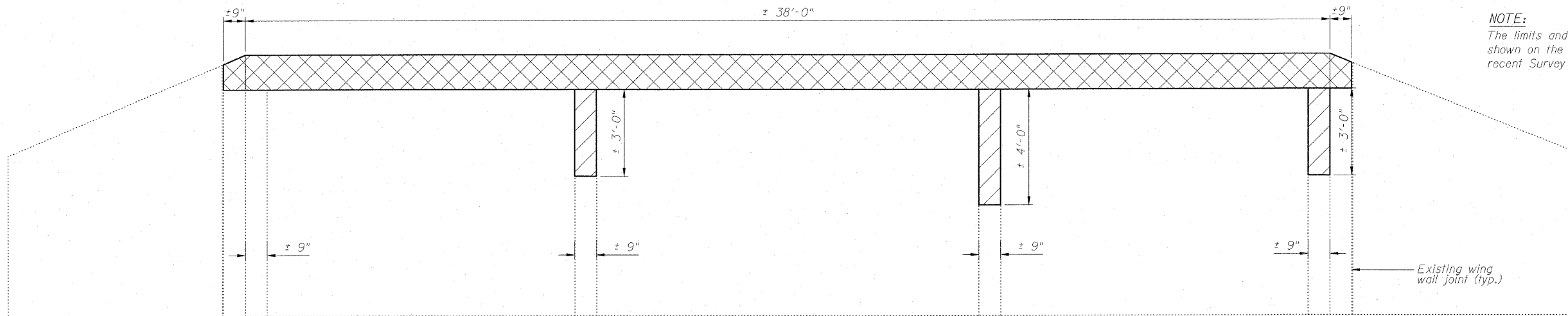
DESIGNED	BRT
CHECKED	BJM
DRAWN	JNH
CHECKED	BJM



Wight & Company  
2500 North Frontage Road, Darien, IL 60561  
630.969.7000 630.969.7979 fax  
Design Firm Registration 184-000451

SHEET NO. 2 3 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1+2) RS-11	WILL	45	33
CONTRACT NO. 60153					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION





**NOTE:**  
The limits and locations of Structural Repair of Concrete shown on the Headwall Elevations are taken from the most recent Survey performed by the District in October 2009.

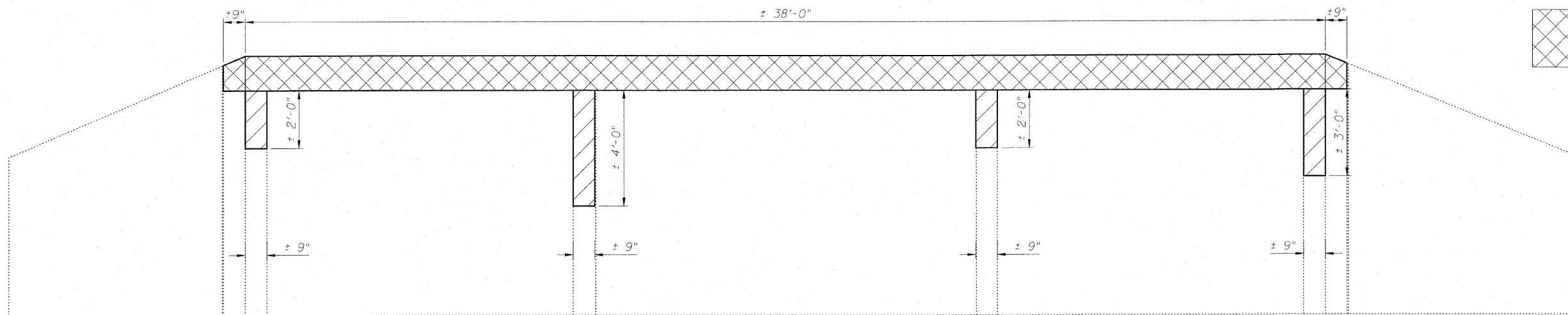
**WEST HEADWALL ELEVATION**  
(Looking East)

**BILL OF MATERIAL**

Item	Unit	Quantity
Structural Repair of Concrete (Depth Equal to or Less Than 5 In.)	Sq. Ft.	15.8

**LEGEND:**

-  Structural Repair of Concrete  
(Depth Equal to or Less Than 5 In.)
-  Concrete Removal  
Concrete Box Culverts



**EAST HEADWALL ELEVATION**  
(Looking West)

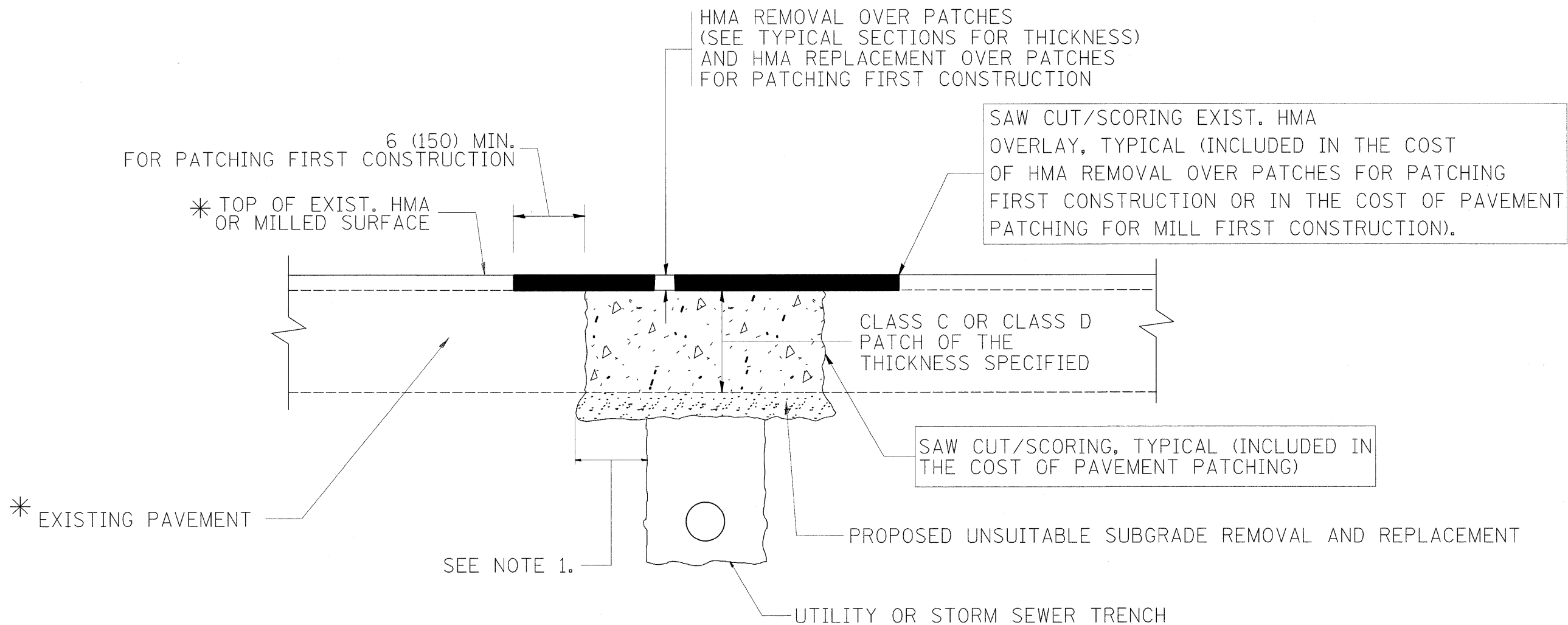
**CONCRETE REPAIRS**  
**STRUCTURE NO. 099-2000**

DESIGNED	BRT
CHECKED	BJM
DRAWN	JNH
CHECKED	BJM



**Wight & Company**  
2500 North Frontage Road, Darien, IL 60561  
630.969.7000 630.969.7979 fax  
Design Firm Registration 184-000451

SHEET NO. 3 3 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99(1+2) RS-11	WILL	45	34
CONTRACT NO. 60153					
FED. ROAD DIST. NO. - 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)**

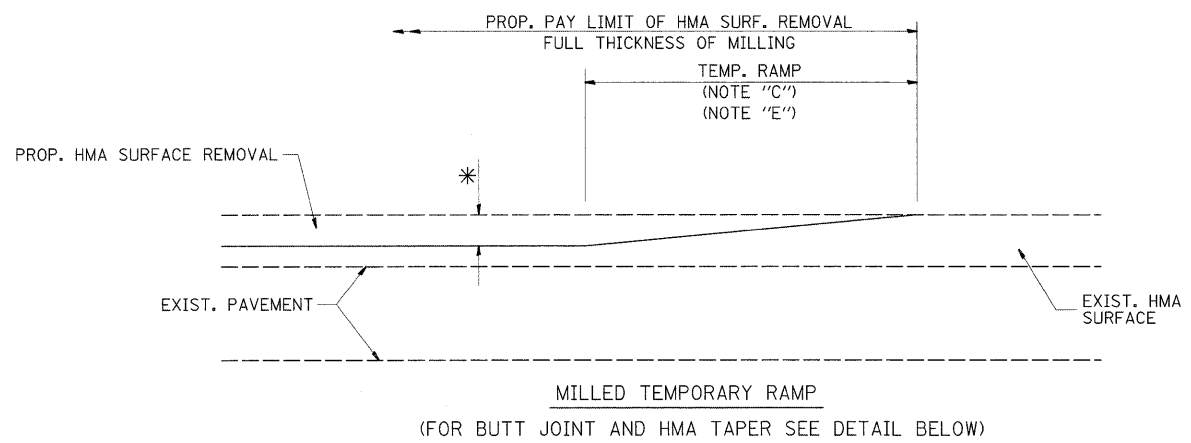
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

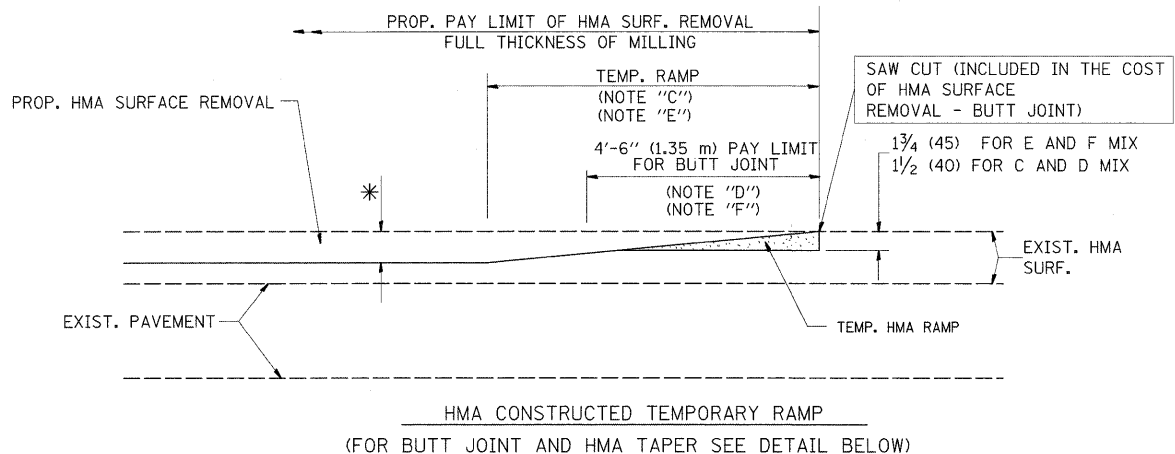
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

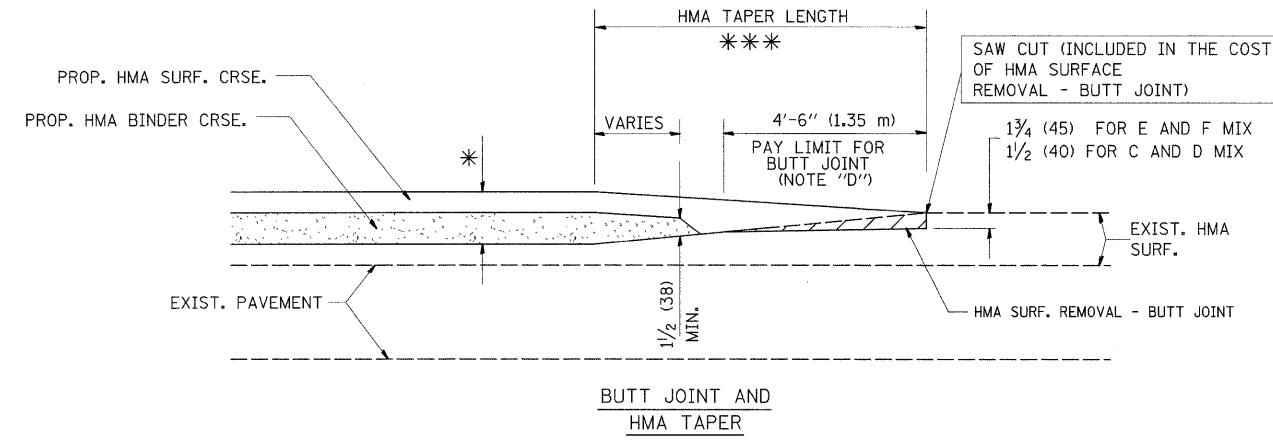
FILE NAME =	USER NAME = abebawa	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwwork\PIWIDOT\ABEBAWA\d0169692\10169692.dgn	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - R. BORO 01-01-07					55	99 (1&2) RS-11	WILL	45	35
PLOT DATE = 12/23/2009	DATE - 10-25-94	REVISED - K. ENG 10-27-08	REVISED - R. BORO 09-04-07		<b>BD400-04 (BD-22)</b>			<b>CONTRACT NO. 60153</b>				
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



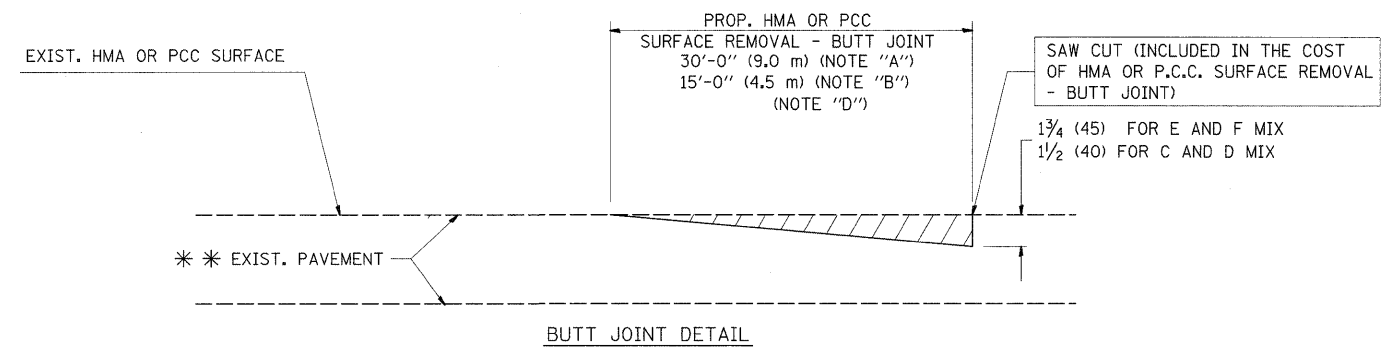
**OPTION 1**



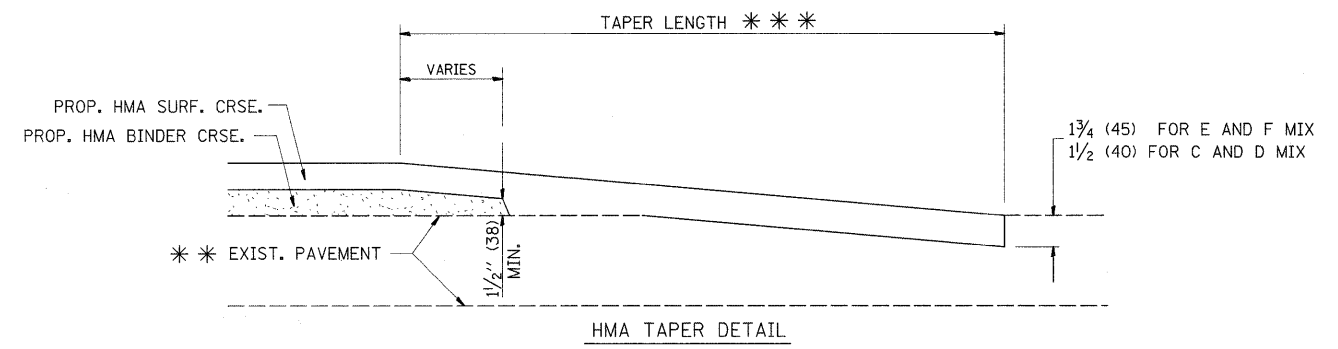
**OPTION 2**  
**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

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

**NOTES**

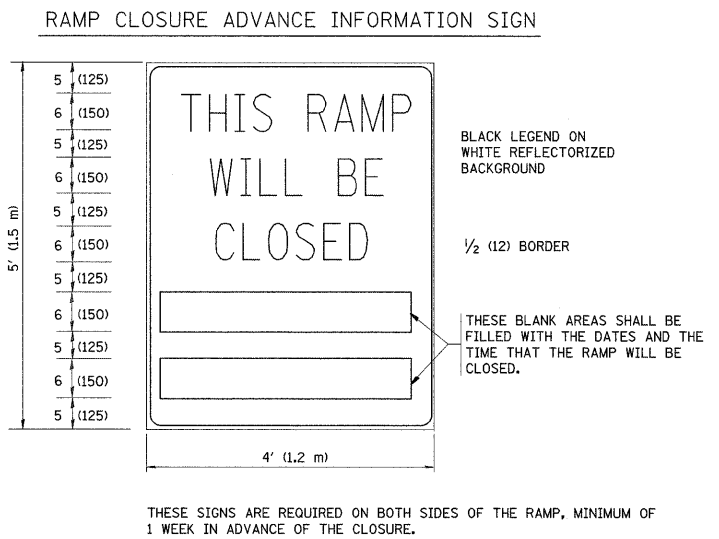
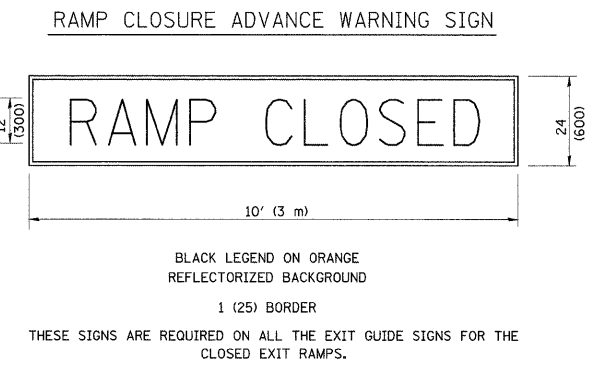
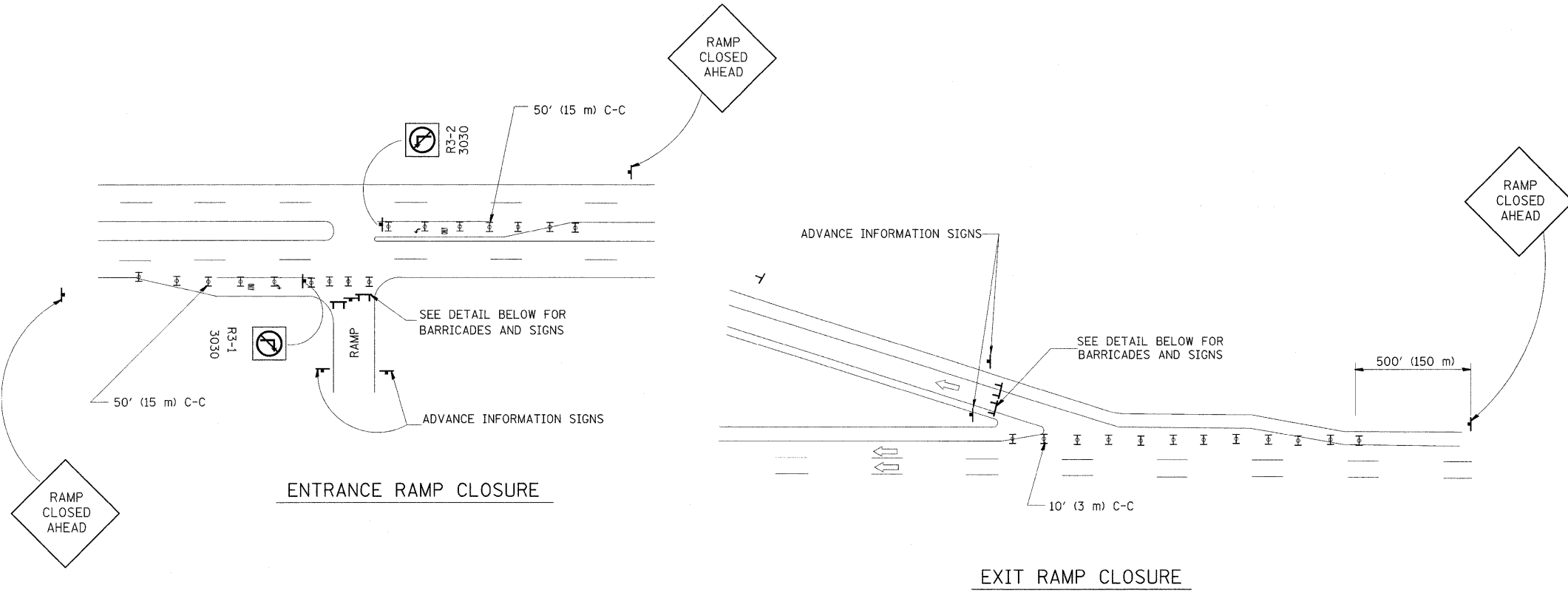
- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE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

**BASIS OF PAYMENT:**

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

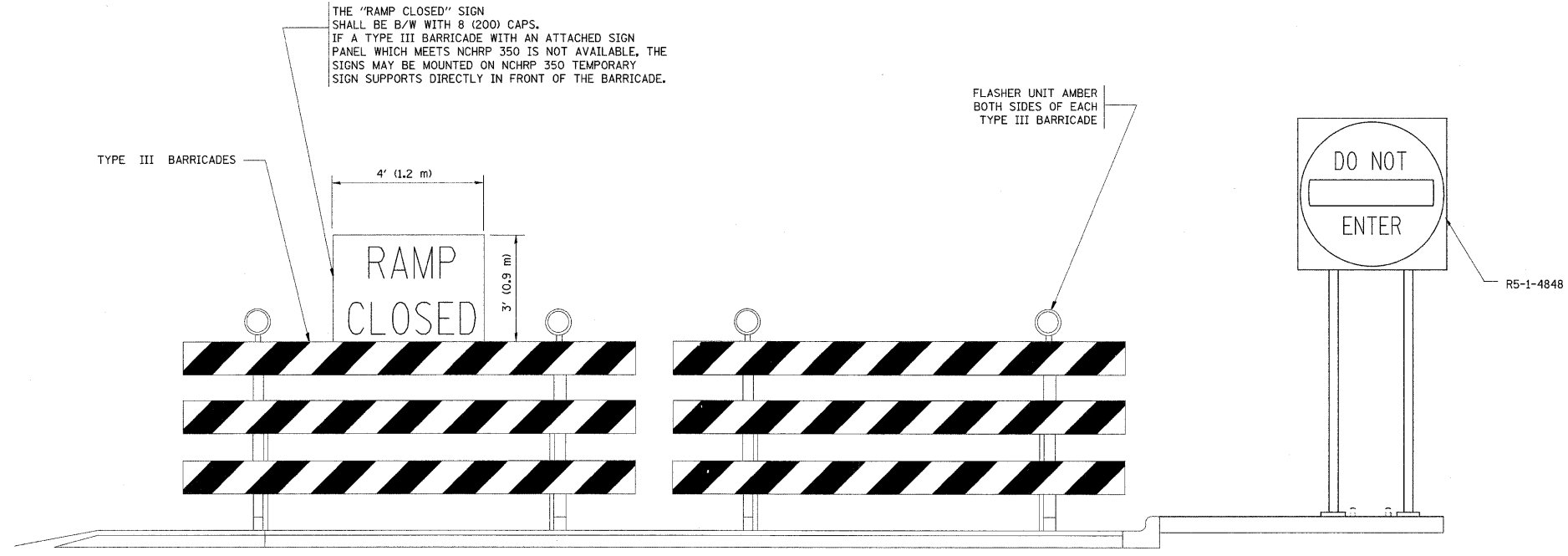
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = abebawa	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BUTT JOINT AND HMA TAPER DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
est\pwwork\pwwid01\ABEBAWA\0169692\0169692.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97		55	99 (1&2) RS-11	WILL	45	36			
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED - M. GOMEZ 04-06-01		<b>BD400-05 BD32</b>			<b>CONTRACT NO. 60153</b>				
PLOT DATE = 12/23/2009		DATE - 06-13-90	REVISED - R. BORO 01-01-07		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							
				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					



THE "RAMP CLOSED" SIGN SHALL BE B/W WITH 8 (200) CAPS. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.

FLASHER UNIT AMBER BOTH SIDES OF EACH TYPE III BARRICADE



DETAIL FOR REQUIRED BARRICADES & SIGNS

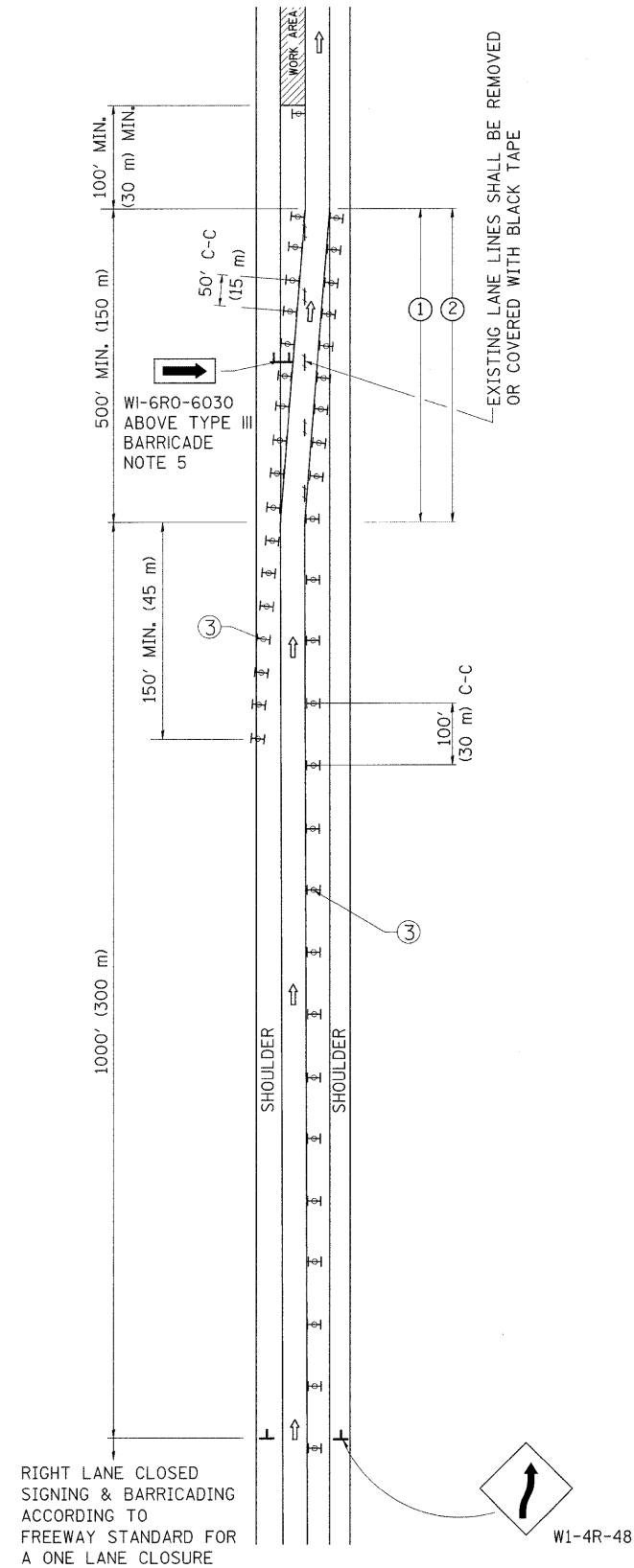
- SYMBOLS**
- ▬ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
  - ▬ TYPE III BARRICADE WITH FLASHING LIGHT

- GENERAL NOTES:**
1. CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
  2. STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
  3. A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
  4. ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
  5. THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
  6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
  7. THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY-FOUR (24) HOURS IN LENGTH.

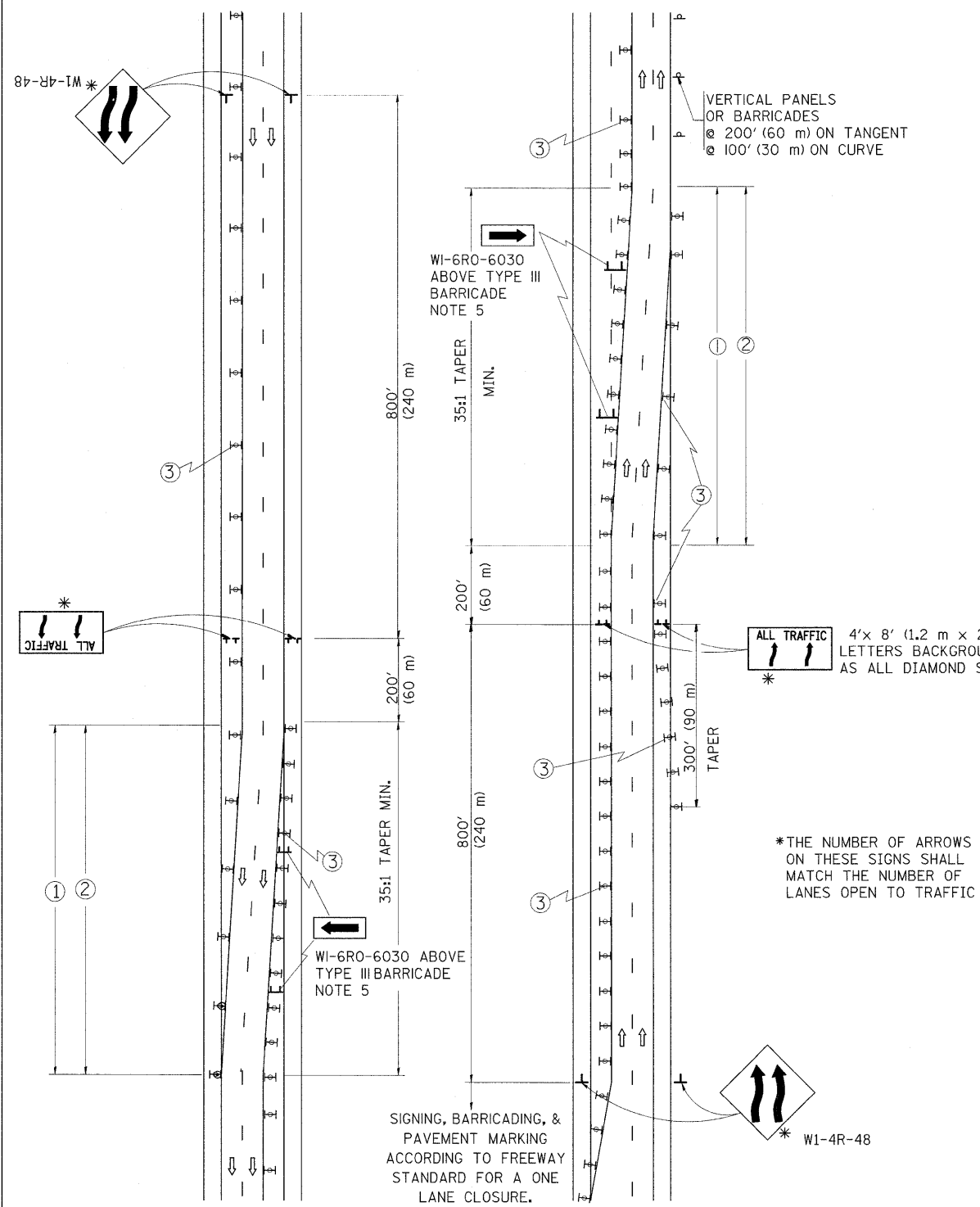
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = abebawa	DESIGNED - DWS	REVISED - DWS 12-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FREWAY ENTRANCE AND EXIST RAMP CLOSURE DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
est\pwork\pwork\DOT\ABEBAWA\48169692\011515.dgn		DRAWN -	REVISED - DWS/JAF 12-02		55	99 (1&2) RS-11	WILL	45	37			
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED - JAF 02-06		<b>TC-08</b>			<b>CONTRACT NO. 60153</b>				
PLOT DATE = 12/23/2009		DATE - 02-83	REVISED - SPB 01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

# SINGLE LANE WEAVE



# MULTI-LANE WEAVE



### GENERAL NOTES

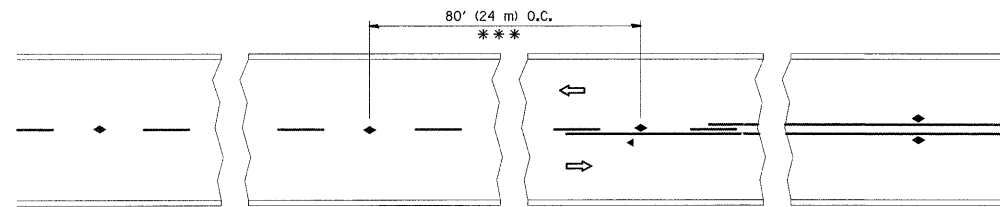
- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED OR COVERED WITH BLACK TAPE. PAVEMENT MARKING REMOVAL OR BLACK TAPE SHALL NOT BE REQUIRED FOR LANE CLOSURES UNDER 24 HOURS IN DURATION.
- ② CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVE LANE LINES SHALL BE 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.
- ⑥ IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.

### SYMBOLS

- ↑ DIRECTION OF TRAFFIC
- ▨ WORK AREA
- ┌ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

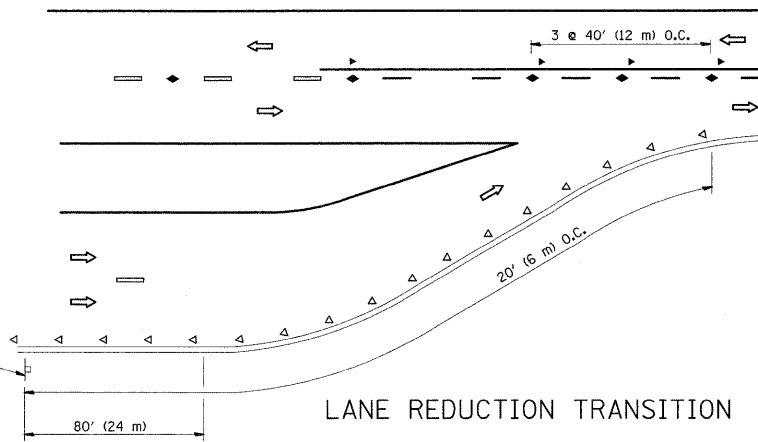
FILE NAME =	USER NAME = ababawa	DESIGNED - DWS	REVISED - DWS 11-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE &amp; MULTI-LANE WEAVE</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwwork\pwwid\ABEBAWA\02169692\01st	td.dgn	DRAWN -	REVISED - JAF 01-03		55	99 (1&2) RS-11	WILL	45	38			
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - JAF 02-06	REVISED - SPB 01-07		<b>TC-09</b>			<b>CONTRACT NO. 60153</b>				
PLOT DATE = 12/23/2009	DATE - 02-87				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

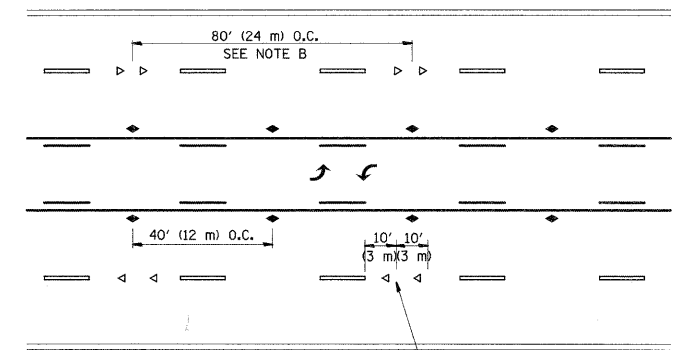


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

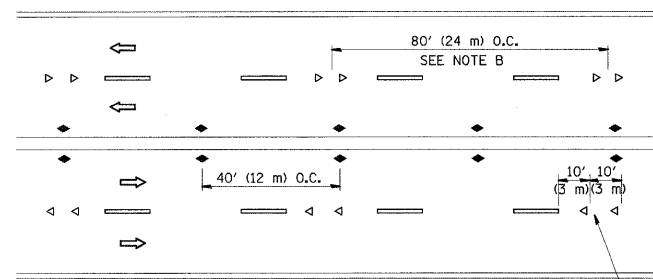
TWO-LANE/TWO-WAY



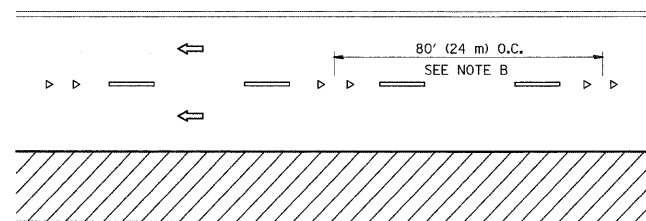
LANE REDUCTION TRANSITION



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

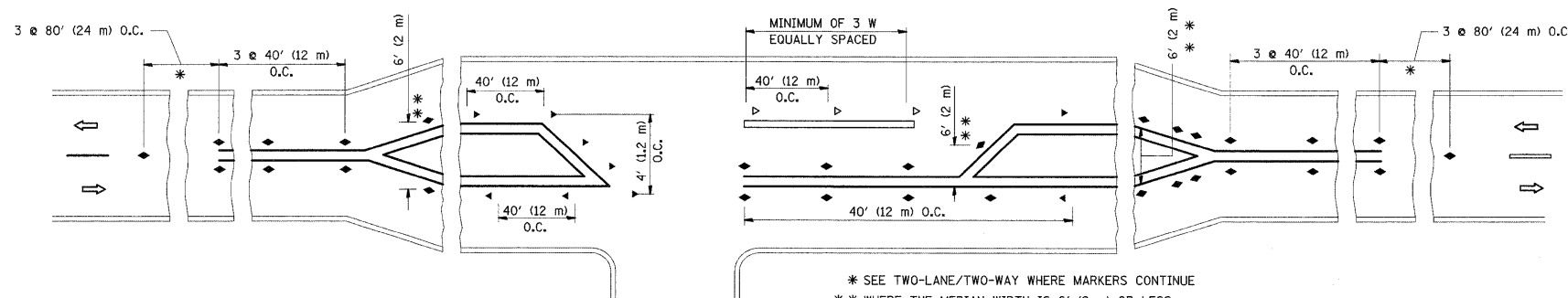
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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 SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



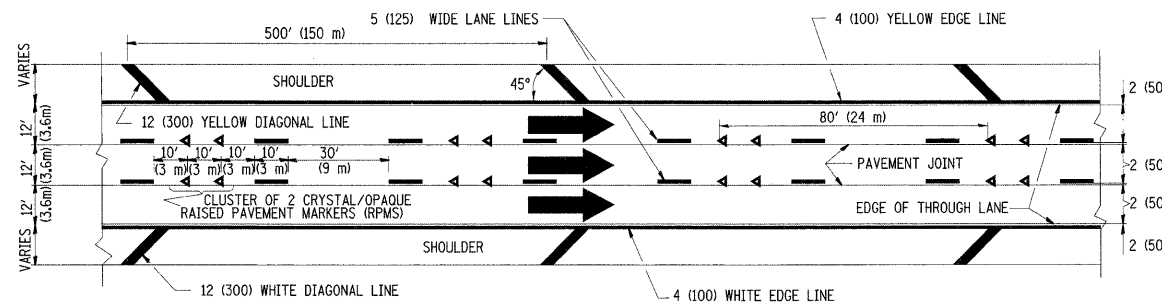
LEFT TURN

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

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

FILE NAME = c:\pwork\pwidot\ABEBAWA\0169692\01st.dgn	USER NAME = abebawa	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - T. RAMMACHER 03-12-99		55	99 (1&2) RS-11	WILL	45	39			
		CHECKED -	REVISED - T. RAMMACHER 01-06-00		<b>TC-11</b>			<b>CONTRACT NO. 60153</b>				
		DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

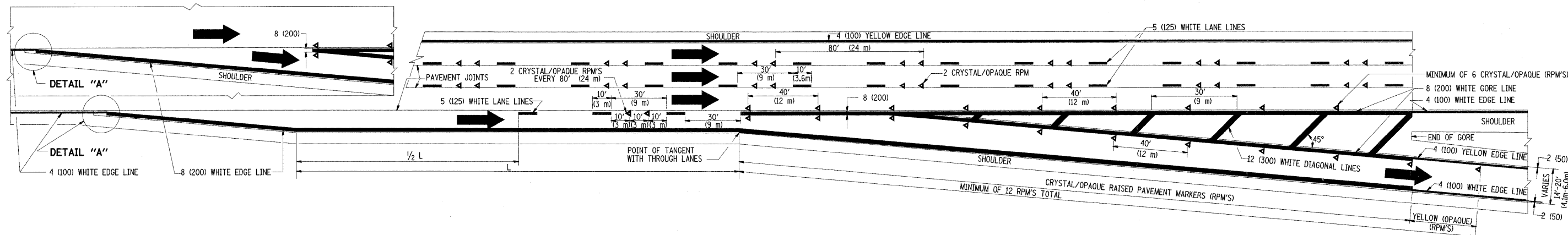
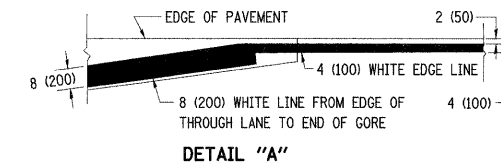
THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH  
THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH



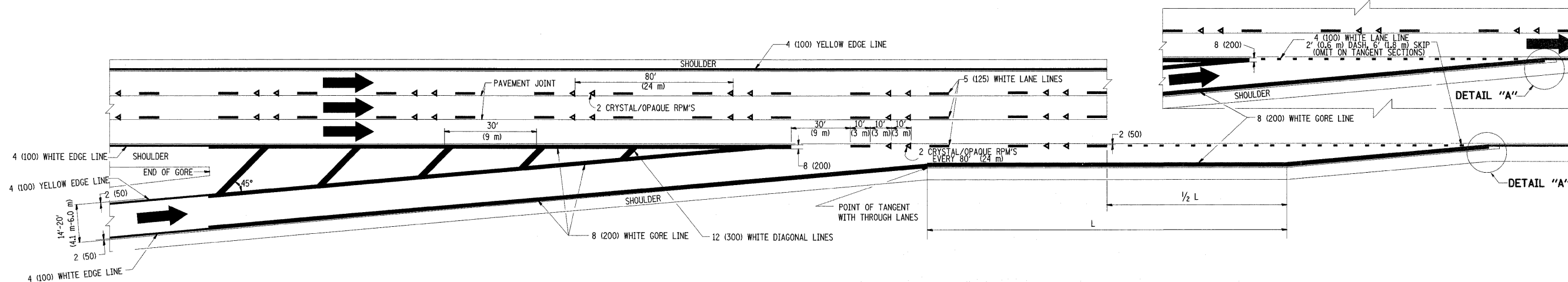
TYPICAL EDGE LINES & LANE LINES

NOTES:

1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC



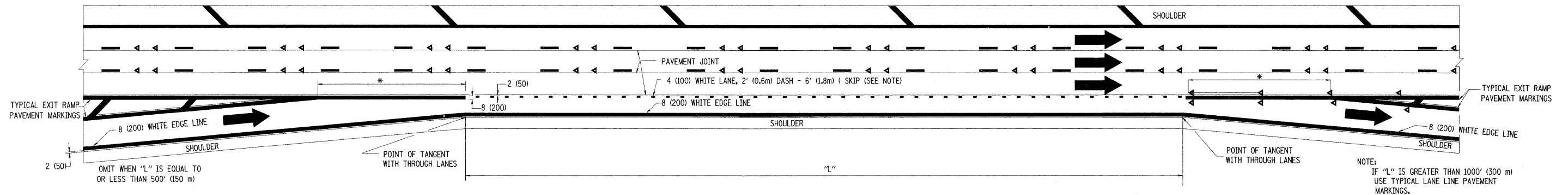
TYPICAL EXIT RAMP PAVEMENT MARKINGS



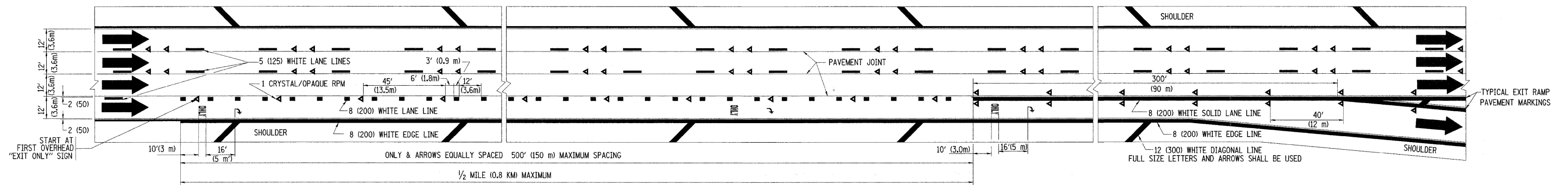
TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

FILE NAME =	USER NAME = abebawa	DESIGNED - D.W.S.	REVISED - A.H. 03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es\pw\work\WIDOT\ABEBAWA\0169692\Dist	td.dgn	DRAWN -	REVISED - D.W.S. 07-96		55	99 (18.2) RS-11	WILL	45	40			
PLOT SCALE = 5/8" = 1' IN.	CHECKED -	REVISOR - J.A.F. 02-06	SCALE: NONE		SHEET NO. 1 OF 2 SHEETS			CONTRACT NO. 60153				
PLOT DATE = 12/23/2009	DATE - 01-90	REVISED - S.P.B. 01-07	STA.		TO STA.		FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT					

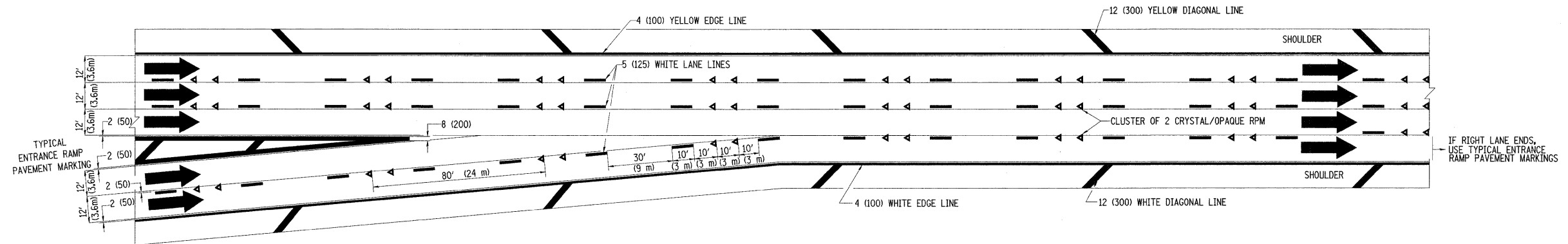




**TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS**

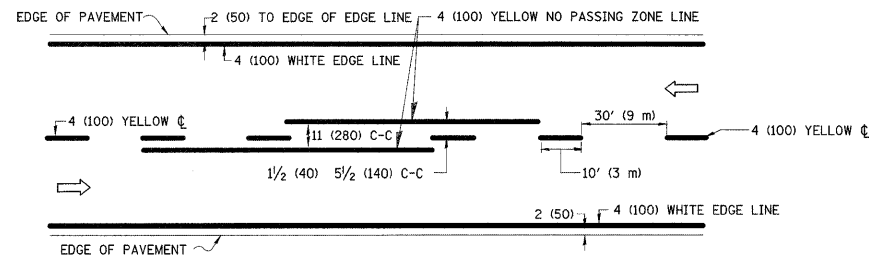


**TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS**

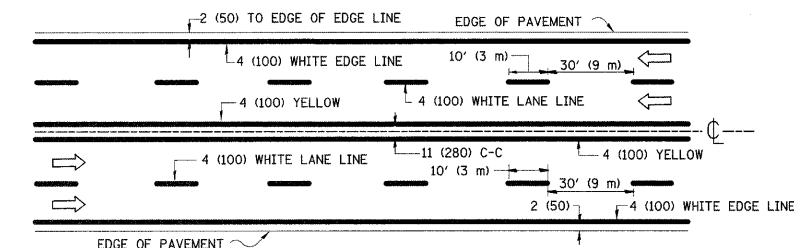


**TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS**

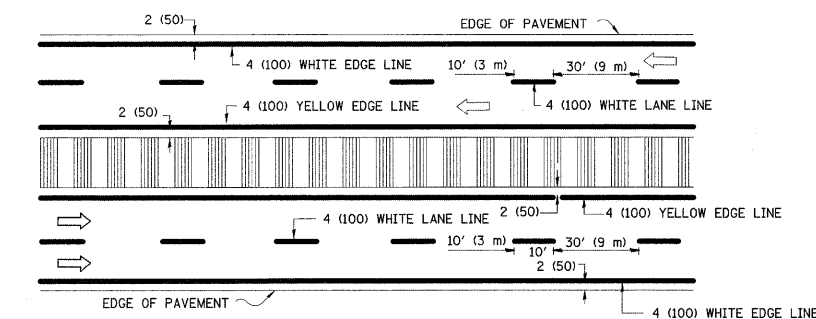
FILE NAME =	USER NAME = abebawa	DESIGNED - D.W.S.	REVISED - A.H. 03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS</b>			F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\DOT\ABEBAWA\0169692\01st	td.dgn	DRAWN -	REVISED - D.W.S. 07-96		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	55	99 (1&2) RS-11	WILL	45	41
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - J.A.F. 02-06						<b>TC-12</b>		<b>CONTRACT NO. 60153</b>		
	PLOT DATE = 12/23/2009	DATE - 01-90	REVISED - S.P.B. 01-07						FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



2-LANE ROADWAY



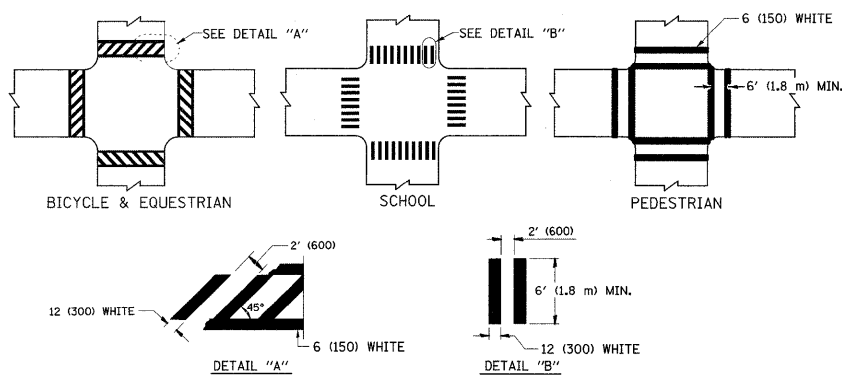
MULTI-LANE UNDIVIDED



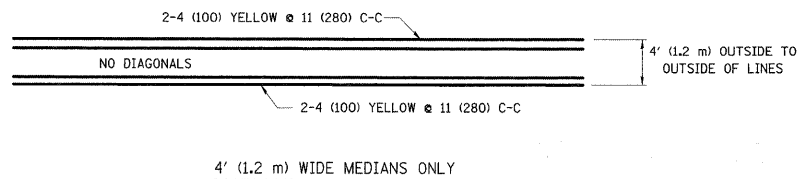
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

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

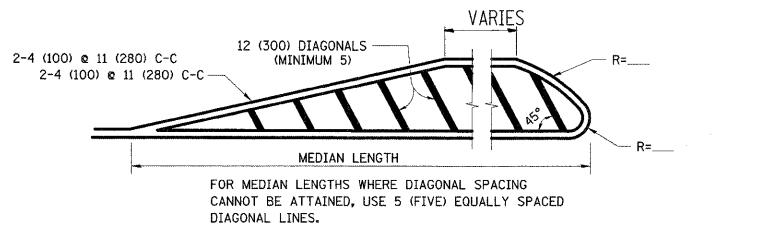
TYPICAL LANE AND EDGE LINE MARKING



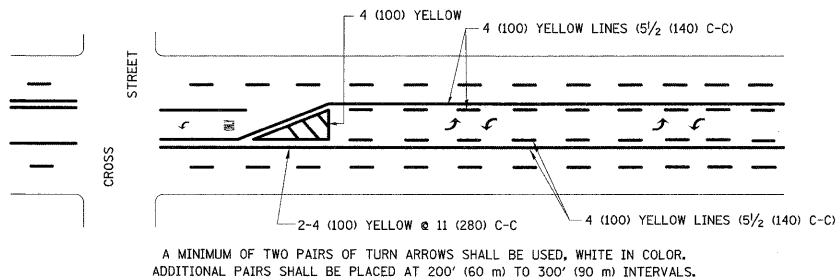
TYPICAL CROSSWALK MARKING



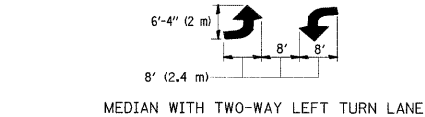
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

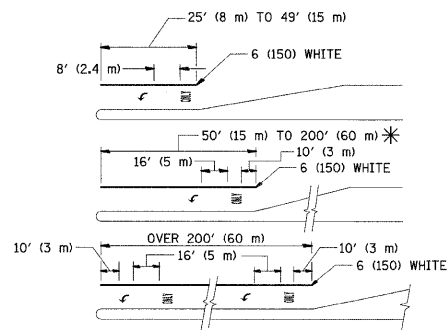


TYPICAL PAINTED MEDIAN MARKING



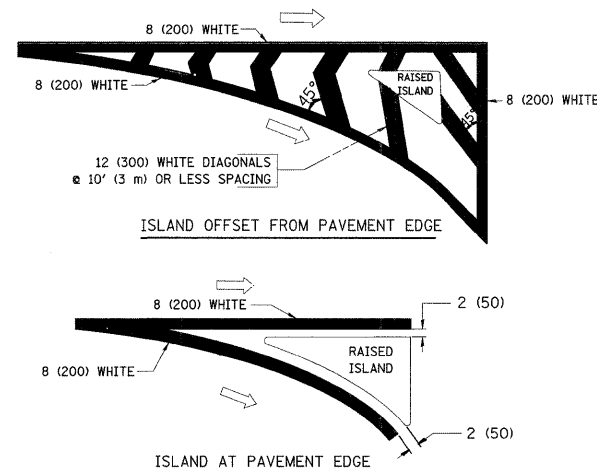
MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 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 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 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 <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

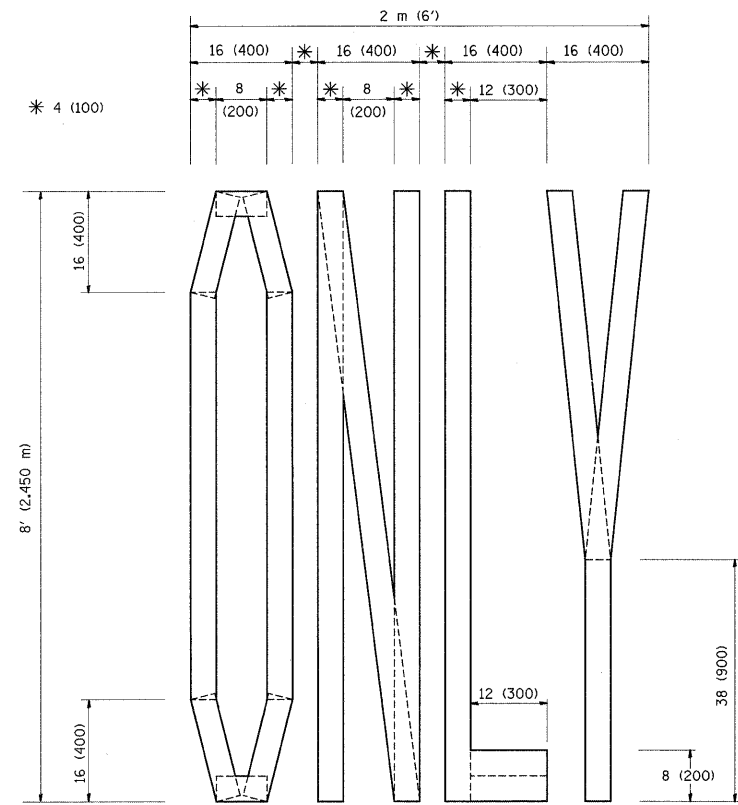
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

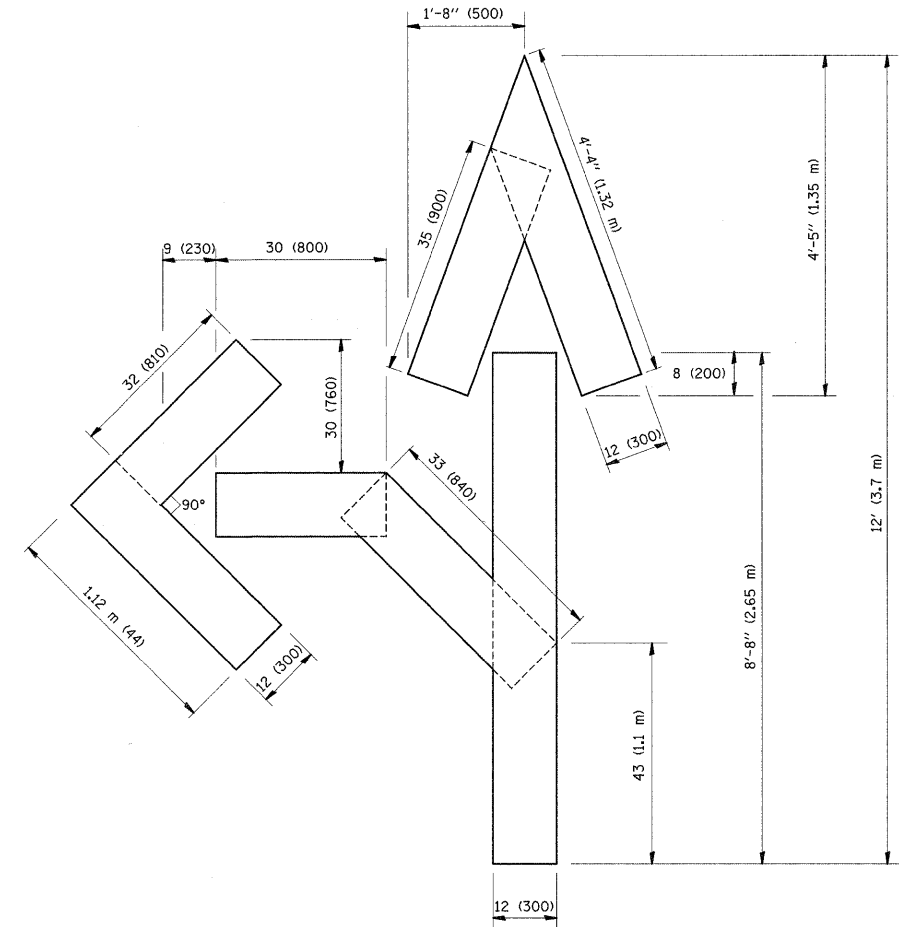
FILE NAME =	USER NAME = ebebowe	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
cs:\pwwork\PNWIDOT\ABEBAWA\0216\9692\Dist	std.dgn	DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

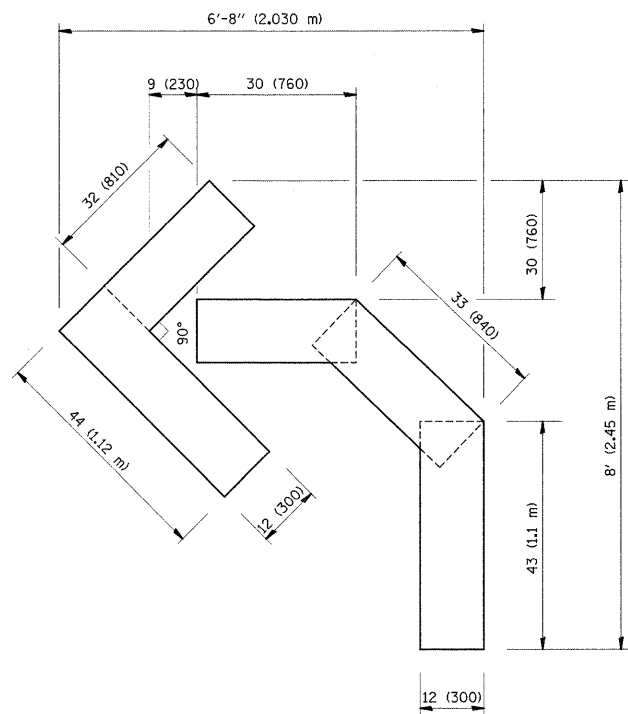
DISTRICT ONE		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		55	99 (I&2) RS-11	WILL	45	42
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	
		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT		CONTRACT NO. 60153		



QUANTITY  
 4 (100) LINE = 64.1 ft. (19.7 m)  
 21.1 sq. ft. (1.97 sq. m)



QUANTITY  
 4 (100) LINE = 82.5 ft. (25.3 m)  
 27.5 sq. ft. (2.53 sq. m)



QUANTITY  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.39 sq. m)

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

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
et\pwwork\VPWIDOT\ABEBAWA\d0169692\Dist	std.dgn	DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50,0000 1 / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 12/23/2009	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

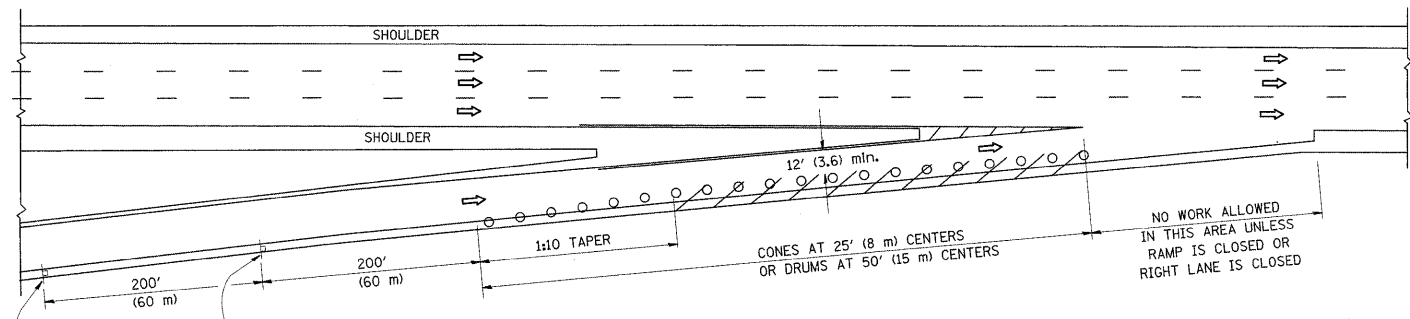
PAVEMENT MARKING LETTERS AND SYMBOLS  
 FOR TRAFFIC STAGING

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

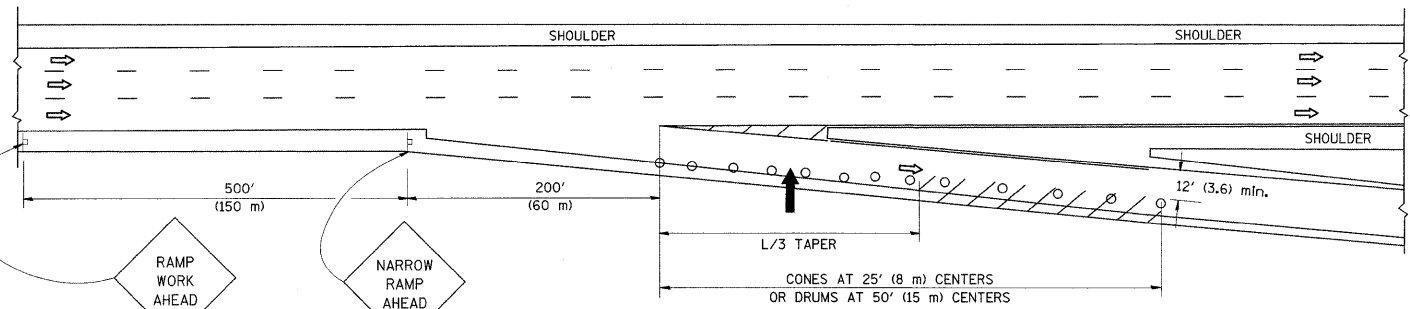
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) RS-11	WILL	45	43
TC-16			CONTRACT NO. 60153	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PARTIAL RAMP CLOSURE DETAILS

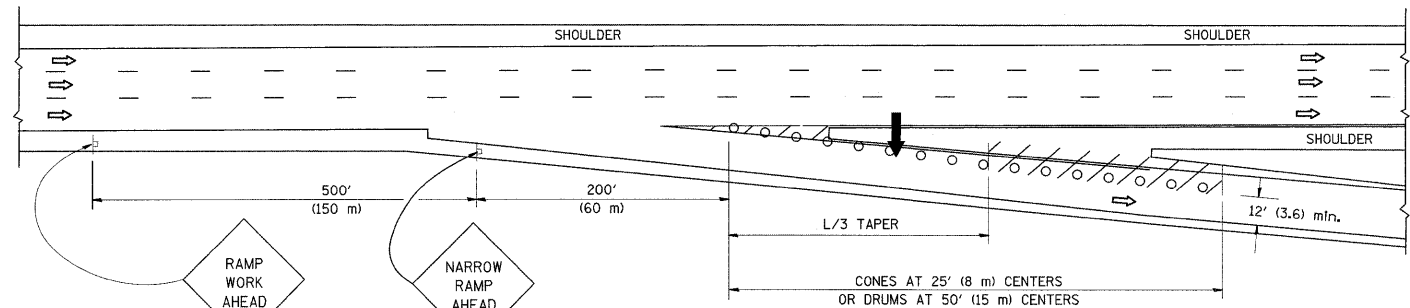
SHOULDER CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

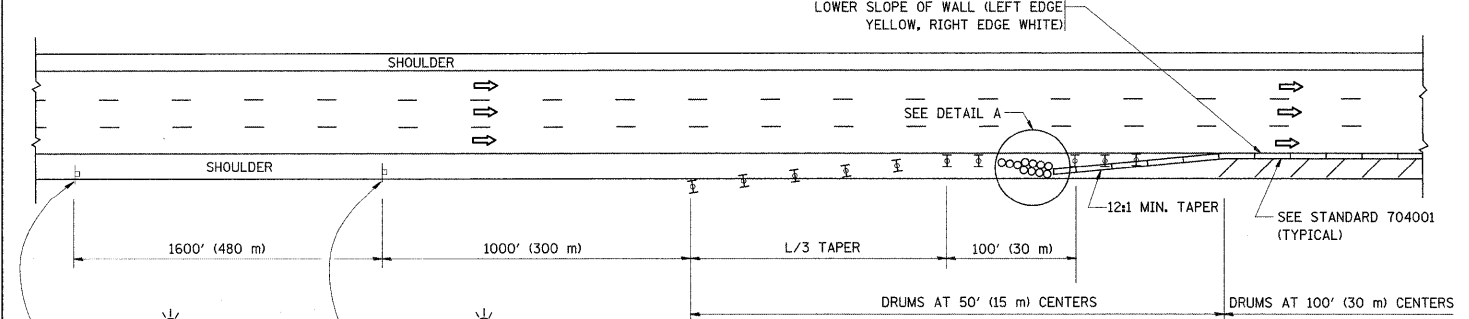
- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

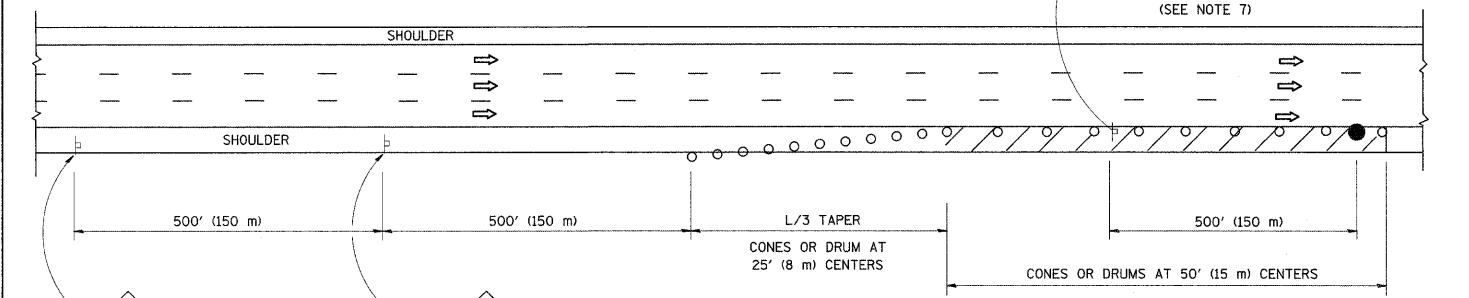
1. THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER	METRIC: $L=0.65(W)(S)$ ENGLISH: $L=(W)(S)$

W = WIDTH OF OFFSET IN FEET (METERS)  
S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

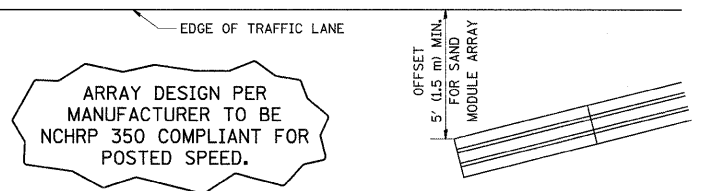


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:  
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

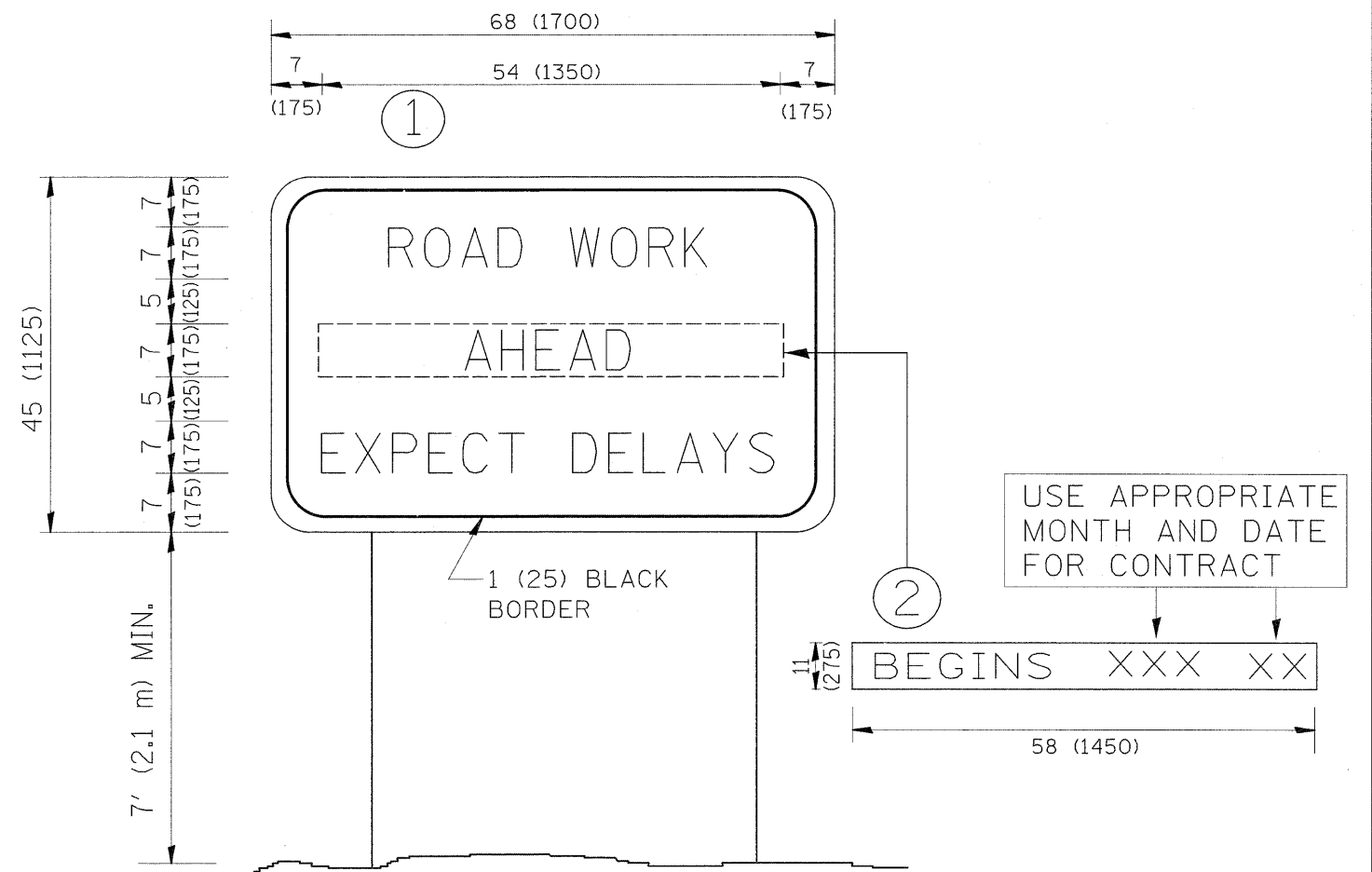


ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT FOR POSTED SPEED.

DETAIL "A" IMPACT ATTENUATOR, TEMPORARY (SEE NOTE 5)

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

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED - J.A.F. 12-02	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei\pw_work\PWIDOT\ABEBAWA\0169692\Dist	td.dgn	DRAWN - D.W.S.	REVISED - 04-03		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	55	99 (I&2) RS-11	WILL	45	44
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - J.A.F. 12-06			STA. TO STA.	<b>TC-17</b>		<b>CONTRACT NO. 60153</b>		
	PLOT DATE = 12/23/2009	DATE - 11-96	REVISED - S.P.B. 01-07				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 = abebawe	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci\pw_work\VPWIDOT\ABEBAWA\0169692\01st	std.dgn	DRAWN -	REVISED - R. MIRS 12-11-97		55	99 (I&2) RS-11	WILL	45	45			
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	REVISED - C. JUCIUS 01-31-07		<b>TC-22</b>			<b>CONTRACT NO. 60153</b>				
PLOT DATE = 12/23/2009	DATE -				SCALE: NONE			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT