

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP 341: ILL 72

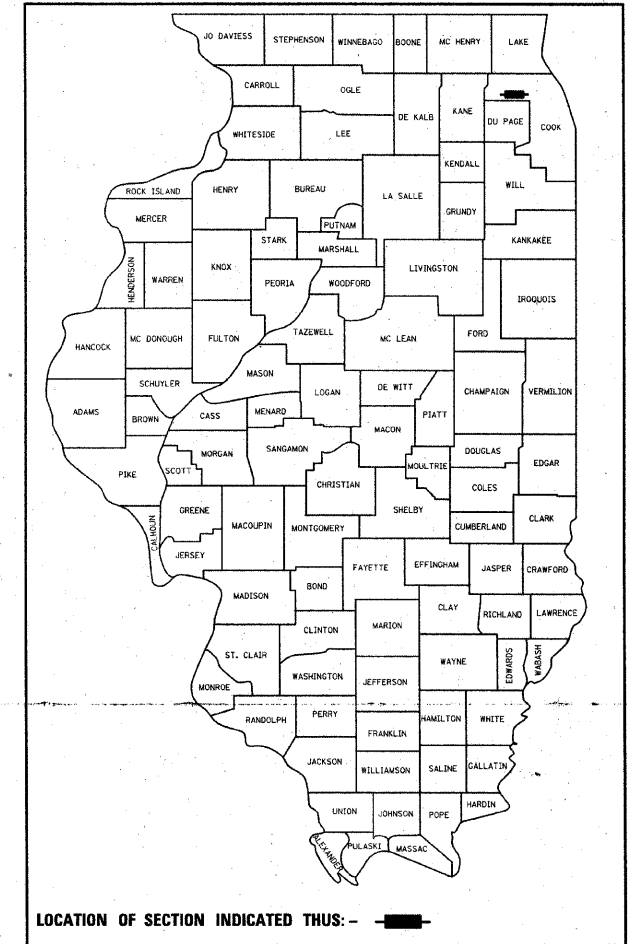
SECTION: 32 (1 & 2) R-RS

**BARTLETT ROAD TO GLEN LAKE ROAD  
RESURFACING**

**COOK COUNTY  
C-91-480-10**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	32 (1 & 2) R-RS	COOK	25	1
ILLINOIS			CONTRACT NO. 60K41	

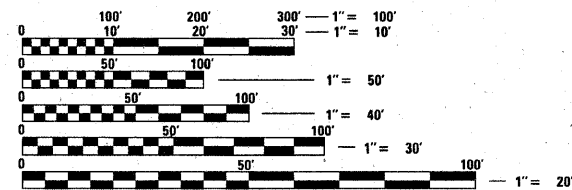
D-91-480-10



LOCATION OF SECTION INDICATED THUS: - ■ -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE VILLAGES  
OF HOFFMAN ESTATES AND SOUTH BARRINGTON



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

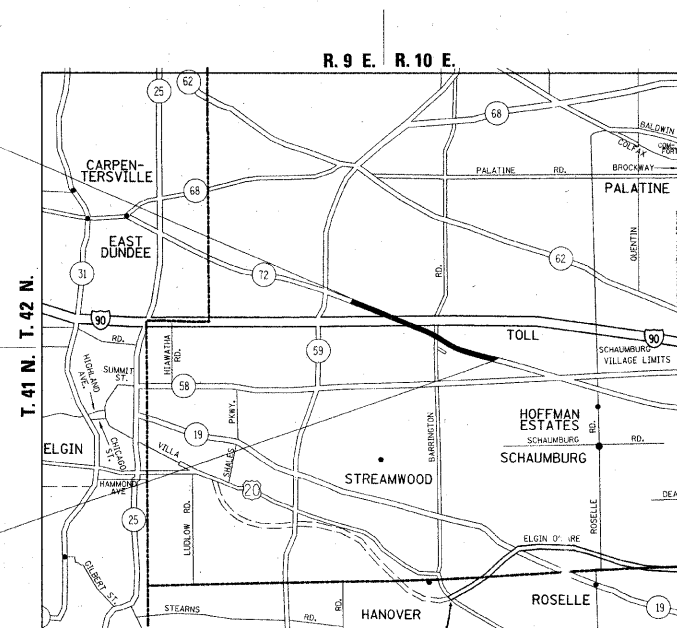
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER DAN WILGREEN (847) 705-4240  
PROJECT MANAGER KEN ENG (847) 705-4247

CONTRACT NO. 60K41

PROJECT BEGINS  
STA. 19 + 60

PROJECT ENDS  
STA. 220 + 40



BARRINGTON, HANOVER & SCHAUMBURG TOWNSHIP

**TRAFFIC DATA**

2007 ADT = 37,900  
SPEED LIMIT = 55 MPH

**OMISSIONS:**

STA. 71 + 51 TO STA. 77 + 28  
STA. 119 + 39 TO STA. 132 + 70  
STA. 149 + 00 TO STA. 157 + 93

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED APRIL 1, 2010

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

May 7 2010  
Scott E. Stitt, P.E. acting ENGINEER OF DESIGN AND ENVIRONMENT

May 7 2010  
Christine M. Reed DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

GROSS LENGTH OF PROJECT = 20,080 FEET = 3.80 MILES  
NET LENGTH OF PROJECT = 17,279 FEET = 3.27 MILES

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, PLAN NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	HOT-MIX ASPHALT MIXTURE SCHEDULE
6 - 12	ROADWAY AND PAVEMENT MARKING PLANS
13 - 15	DETECTOR LOOP REPLACEMENT PLANS
16	DETAILS FOR FRAMES AND LID ADJUSTMENT WITH MILLING
17	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
18	BUTT JOINT AND HMA TAPER DETAILS
19	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
20	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
21	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
22	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
23	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
24	ARTERIAL ROAD INFORMATION SIGN
25	DISTRICT ONE DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

LIST OF STATE STANDARDS

NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-03	CLASS C AND D PATCHES
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701426-03	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPER. FOR SPEEDS > 45 MPH.
701601-06	URBAN LANE CLOSURE MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-06	URBAN LANE CLOSURE MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR "CUAN" (CHICAGO UTILITY ALERT NETWORK) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES WITHIN THE VILLAGES OF HOFFMAN ESTATES AND SOUTH BARRINGTON.

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

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

THE RESIDENT ENGINEER SHOULD CONTACT MR. WALLY CZARNY, AREA TRAFFIC FIELD ENGINEER, AT (773) 685-4342 TWO WEEKS PRIOR TO PLACING ANY PERMANENT PAVEMENT MARKINGS.

THE CONTRACTOR SHALL CONTRACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO START OF WORK.

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

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 45 MPH (80 KM/H). WITH WRITEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H)

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE 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.

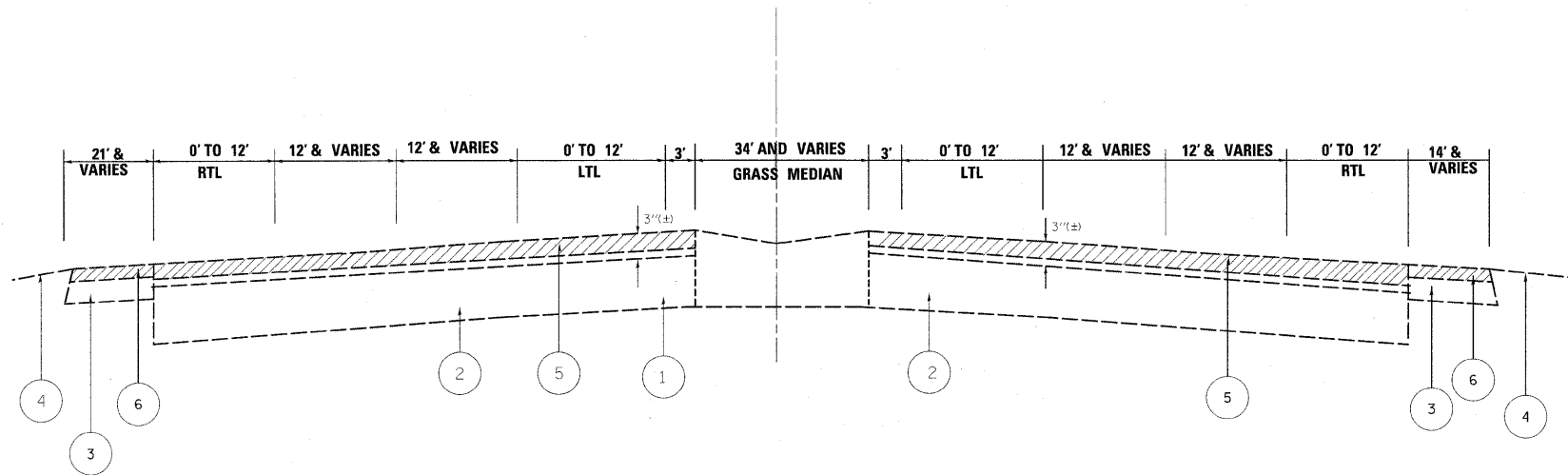
FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	IL RTE 72: BARTLETT ROAD TO GLEN LAKE ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pwork\pwork\banks1\04738\04738.dgn	sh: plan.dgn	DRAWN	REVISED		INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	341	32 (1 & 2) R-RS	COOK	25	2	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: NONE	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60K41
PLOT DATE = 4/1/2010	DATE	REVISED	REVISED								ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000-2A					CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000-2A				
20201006	GRADING AND SHAPING SHOULDERS	UNIT	354	354					70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	445	445				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	112	112					70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2494	2494				
40600300	AGGREGATE (PRIME COAT)	TON	559	559					* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1092	1092				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	232	232					* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	54853	54853				
40600647	LEVELING BINDER (MACNINE METHOD), IL-9.5FG, N90	TON	4498	4498					* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5391	5391				
40600895	CONSTRUCTING TEST STRIP	EACH	1	1					* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	975	975				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	717	717					* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	445	445				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	235	235					* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1001	1001				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2529	2529					78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	940	940				
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	3065	3065					* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	1636	1636				
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	30110	30110					X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	51.4				
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	124453	124453					X0324685	TEST STRIP (STONE MATRIX ASPHALT)	EACH	1	1				
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	1398	1398					<del>40603153</del>	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	1276	1276				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	1151	1151					Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	4	4				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	64	64					X4069100	HOT-MIX ASPHALT SURFACE COURSE, QUARTZITE MIX, IL-9.5FG, N90	TON	955	955				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	707	707					X4069200	HOT-MIX ASPHALT SURFACE COURSE, SLAG FIBER MIX, IL-9.5FG, N90	TON	1406	1406				
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	7	7					X4069300	HOT-MIX ASPHALT SURFACE COURSE, SPRINKLE MIX, IL-9.5FG, N90	TON	1381	1381				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					X4069400	GROUND TIRE RUBBER MODIFIED HOT-MIX ASPHALT SURFACE COURSE, IL-4.75 SMA, N80	TON	1358	1358				
67100100	MOBILIZATION	L SUM	1	1													
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1													
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1													
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1													
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	7481	7481													
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1092	1092													
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	54853	54853													
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	5391	5391													
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	975	975													

\*SPECIALTY ITEM

LEGEND

- ① EXISTING HOT-MIX ASPHALT SURFACE, 3" (+/-)
- ② EXISTING P.C.C. BASE COURSE, 10" (+/-)
- ③ EXISTING HOT-MIX ASPHALT SHOULDER
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2" (MAINLINE AND INSIDE SHOULDER)
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" (OUTSIDE SHOULDER ONLY)
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE (SEE HMA SCHEDULE ON SHEET 5 FOR LOCATION, MIXTURE TYPE AND THICKNESS)
- ⑨ PROPOSED LEVELING BINDER (MM), IL-9.5 FG, N90 (SEE HMA SCHEDULE ON SHEET 5 FOR LOCATION AND THICKNESS)
- ⑩ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑪ PROPOSED GRADING AND SHAPING SHOULDER



ILL. 72  
EXISTING TYPICAL SECTION  
STA. 19+60 TO STA. 220+40

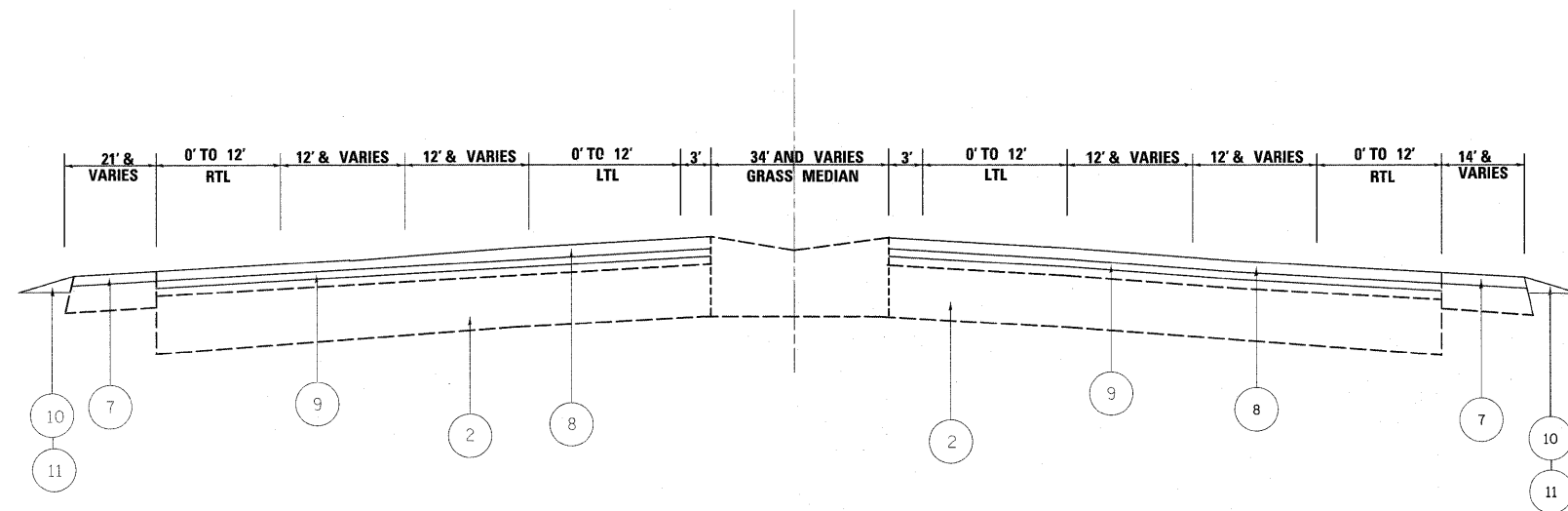
OMISSIONS: STA. 71+51 TO STA.77+28  
STA. 119+39 TO STA. 132+70  
STA. 149+00 TO STA. 157+93

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE TYPE	AC TYPE	AIR VOIDS @ Ndes
MAINLINE RESURFACING	POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, (IL-9.5 mm)	SBS/SBR PG 70-22	4% @ 90 GYR.
	HMA SURFACE COURSE, QUARTZITE MIX, IL-9.5FG, N90	SBS/SBR PG 70-22	4% @ 90 GYR.
	HMA SURFACE COURSE, SLAG-FIBER MIX, IL-9.5FG, N90	SBS/SBR PG 70-22	4% @ 90 GYR.
	HMA SURFACE COURSE, SPRINKLE MIX, IL-9.5FG, N90	SBS/SBR PG 70-22	4% @ 90 GYR.
	GROUND TIRE RUBBER MODIFIED HMA SURFACE COURSE, IL-4.75 SMA, N80	PG 70-22	4% @ 80 GYR.
	POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80	SBS/SBR PG 70-22	3.5% @ 80 GYR.
	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	PG 64-22	4% @ 90 GYR.
SHOULDER RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 GYR.
PATCHING	CLASS D PATCHES (HMA BINDER IL-19MM)	PG 64-22	4% @ 70 GYR.
	HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 MM)	PG 64-22	4% @ 70 GYR.

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

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NO-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



ILL. 72  
PROPOSED TYPICAL SECTION  
STA. 19+60 TO STA. 220+40

OMISSIONS: STA. 71+51 TO STA.77+28  
STA. 119+39 TO STA. 132+70  
STA. 149+00 TO STA. 157+93

NOTE:  
PATCHING TO BE DONE PRIOR TO MILLING.

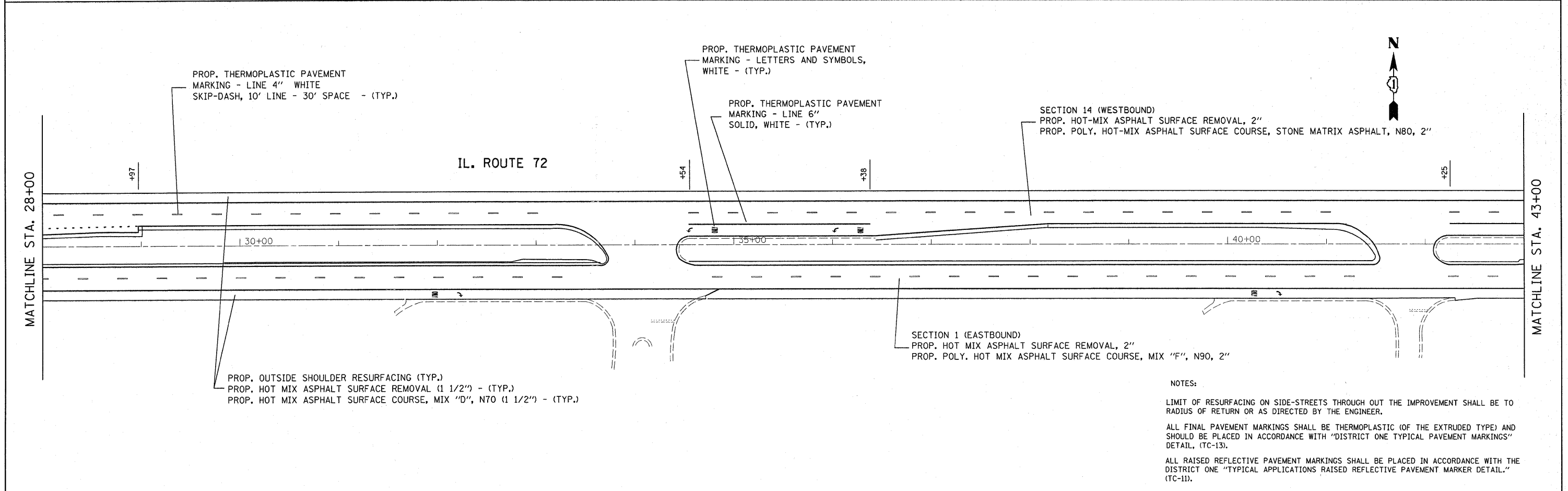
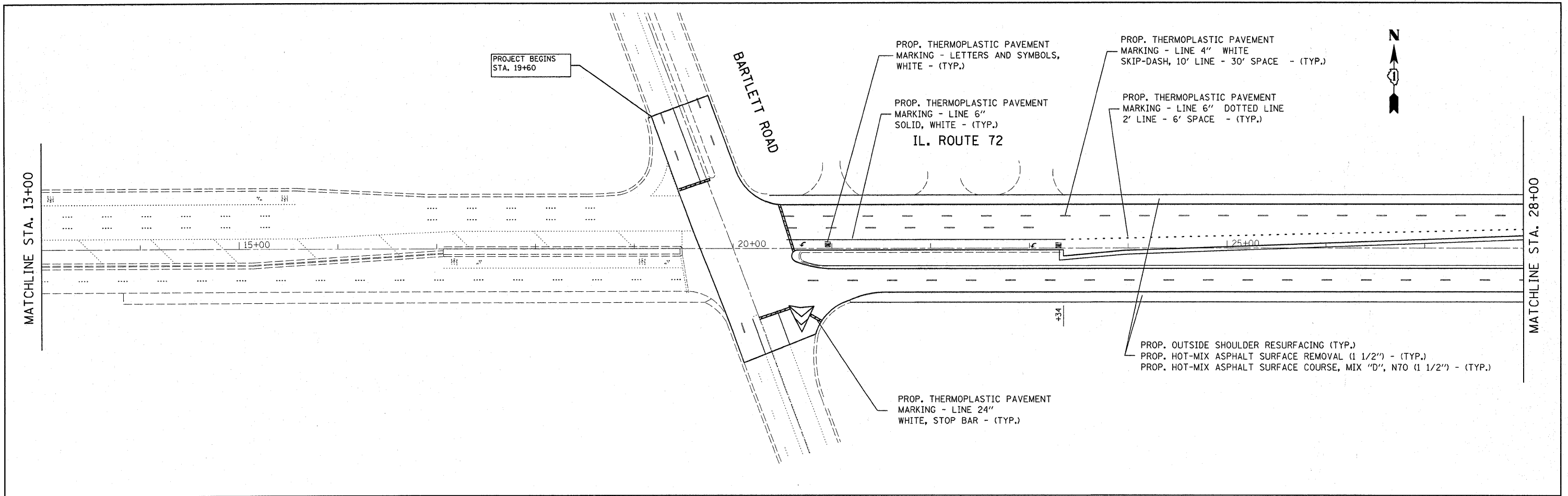
## HOT-MIX ASPHALT MIXTURE SCHEDULE

SECTION	STATION START	STATION END	DIRECTION	SURFACE COURSE MIXTURE TYPE	SURFACE COURSE THICKNESS (IN.)	LEVELING BINDER THICKNESS (IN.)
1	19+60	45+12	EASTBOUND	POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (CONTROL MIX)	2	0
2	45+12	70+10	EASTBOUND	POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (CONTROL MIX)	1.5	0.5
OMISSION AT I-90						
3	75+75	97+60	EASTBOUND	HMA SURFACE COURSE, QUARTZITE MIX, IL-9.5FG, N90	1.25	0.75
4	97+60	119+39	EASTBOUND	HMA SURFACE COURSE, QUARTZITE MIX, IL-9.5FG, N90	1	1
OMISSION AT BARRINGTON RD.						
5	132+70	149+00	EASTBOUND	POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (CONTROL MIX)	2	0
OMISSION AT GOVERNORS LN.						
6	157+93	189+18	EASTBOUND	HMA SURFACE COURSE, SLAG-FIBER MIX, IL-9.5FG, N90	1	1
7	189+18	220+40	EASTBOUND	HMA SURFACE COURSE, SLAG-FIBER MIX, IL-9.5FG, N90	1.25	0.75
8	220+40	189+18	WESTBOUND	HMA SURFACE COURSE, SPRINKLE MIX, IL-9.5FG, N90	1.25	0.75
9	189+18	157+93	WESTBOUND	HMA SURFACE COURSE, SPRINKLE MIX, IL-9.5FG, N90	1	1
OMISSION AT GOVERNORS LN.						
10	149+00	132+70	WESTBOUND	POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (CONTROL MIX)	2	0
OMISSION AT BARRINGTON RD.						
11	119+39	97+60	WESTBOUND	GROUND TIRE RUBBER MODIFIED HMA SURFACE COURSE, IL-4.75 SMA, N80	0.75	1.25
12	97+60	77+28	WESTBOUND	GROUND TIRE RUBBER MODIFIED HMA SURFACE COURSE, IL-4.75 SMA, N80	1	1
OMISSION AT I-90						
13	71+51	45+12	WESTBOUND	GROUND TIRE RUBBER MODIFIED HMA SURFACE COURSE, IL-4.75 SMA, N80	1.25	0.75
14	45+12	19+60	WESTBOUND	POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 (CONTROL MIX)	2	0

NOTE:

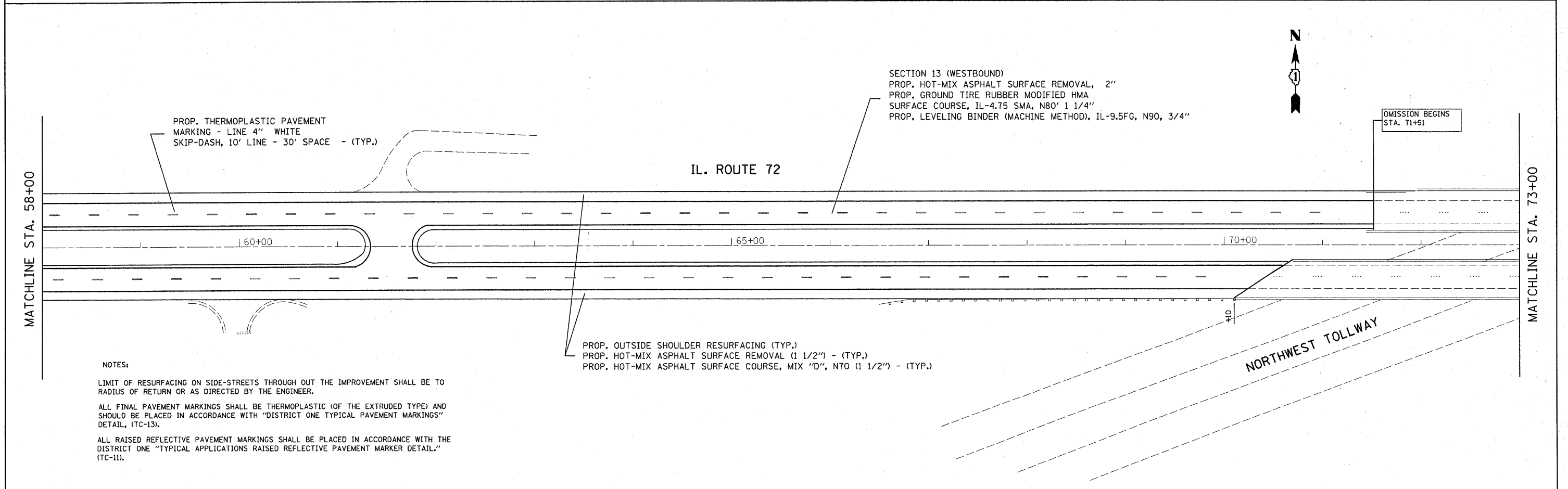
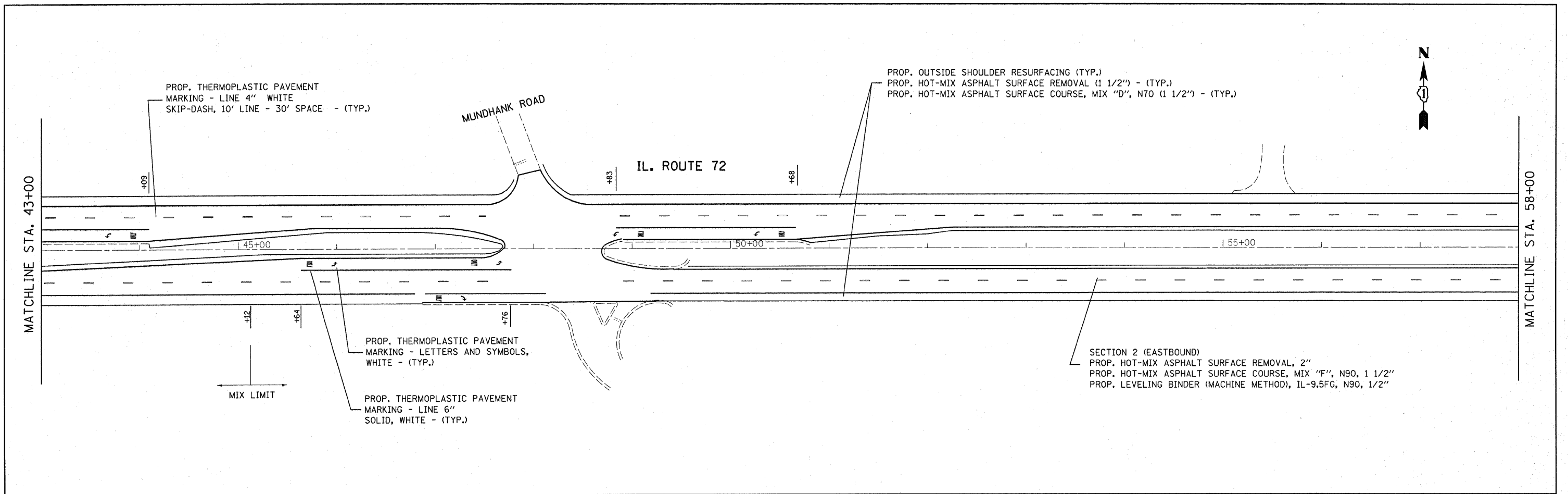
\* USE LEVELING BINDER (MACHINE METHOD) IL-9.5FG, N90 WHEN APPLICABLE

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOT-MIX ASPHALT MIXTURE SCHEDULE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw_work\pwidot\banks1\40184738\0148012-shr-plan.dgn		DRAWN -	REVISED -			341	32 (1 & 2) R-RS	COOK	25	5	
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 60K41					
PLOT DATE = 4/1/2010		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



NOTES:  
 LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.  
 ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).  
 ALL RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKER DETAIL." (TC-11).

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 72 BARTLETT RD TO GLEN LAKE RD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\VPWIDOT\BANKSL\ad184738\014808	0-sh1-plan.dgn	DRAWN -	REVISED -		341	32 (1 & 2) R-RS	COOK	25	6			
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60K41							
PLOT DATE = 4/26/2010		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



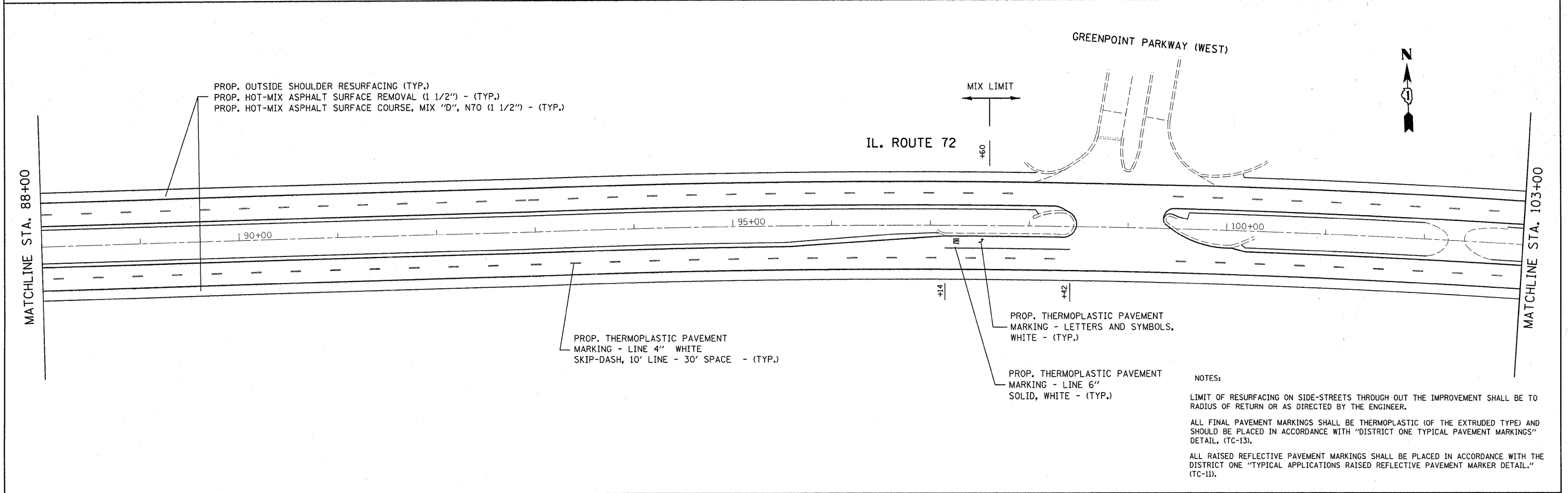
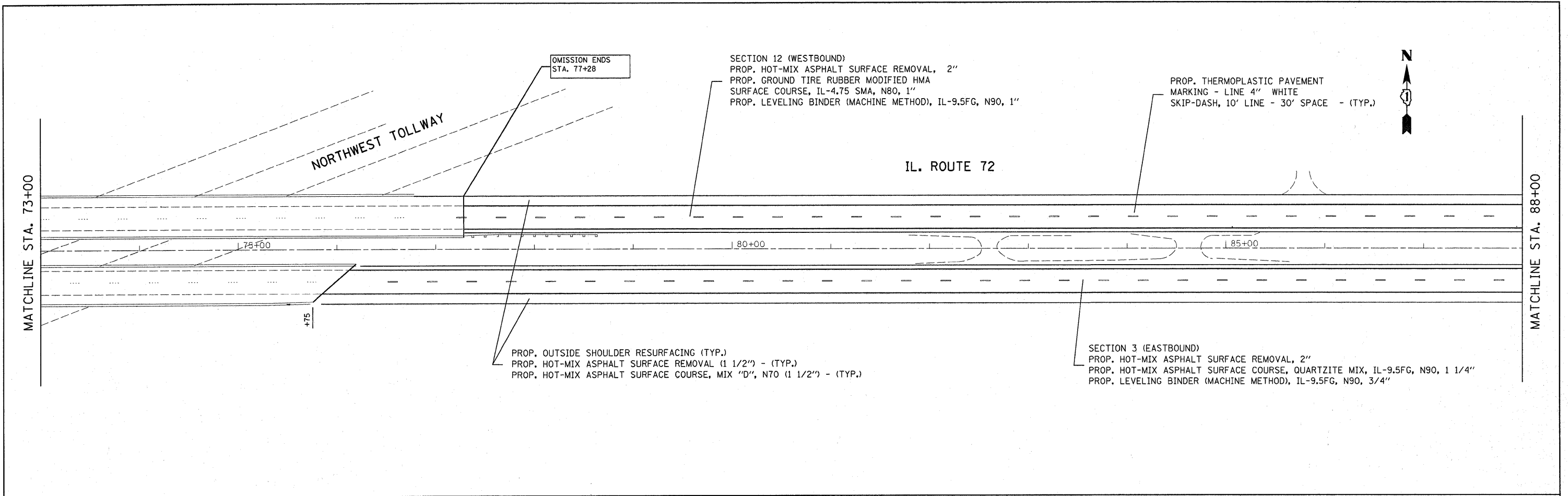
**NOTES:**

LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.

ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).

ALL RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKER DETAIL," (TC-11).

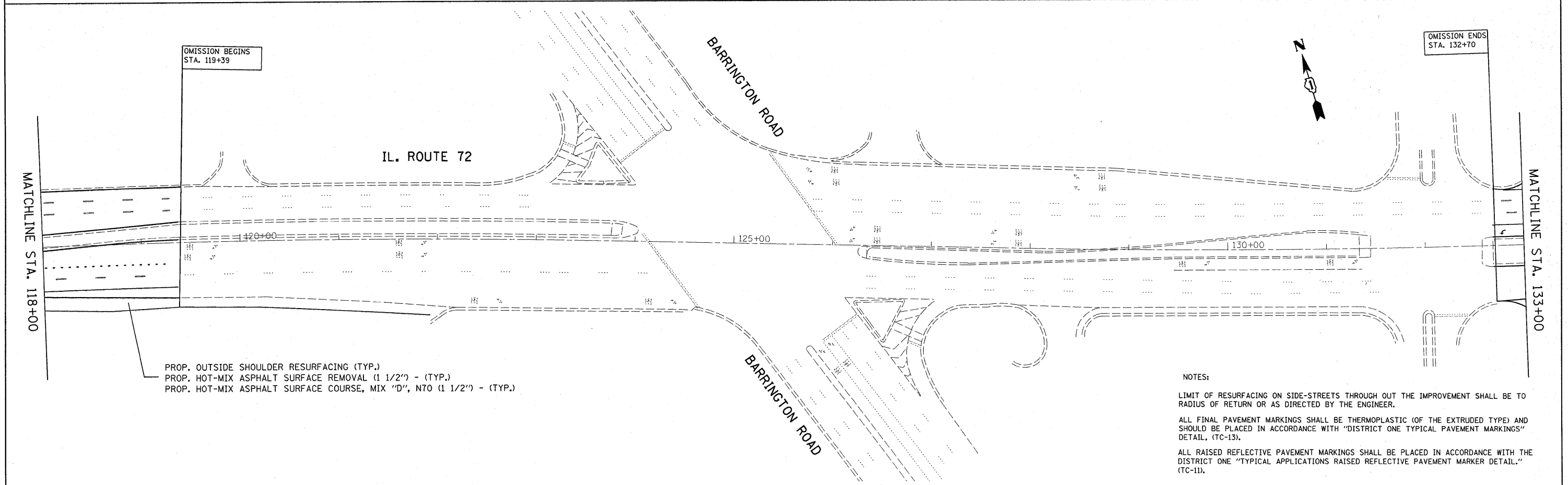
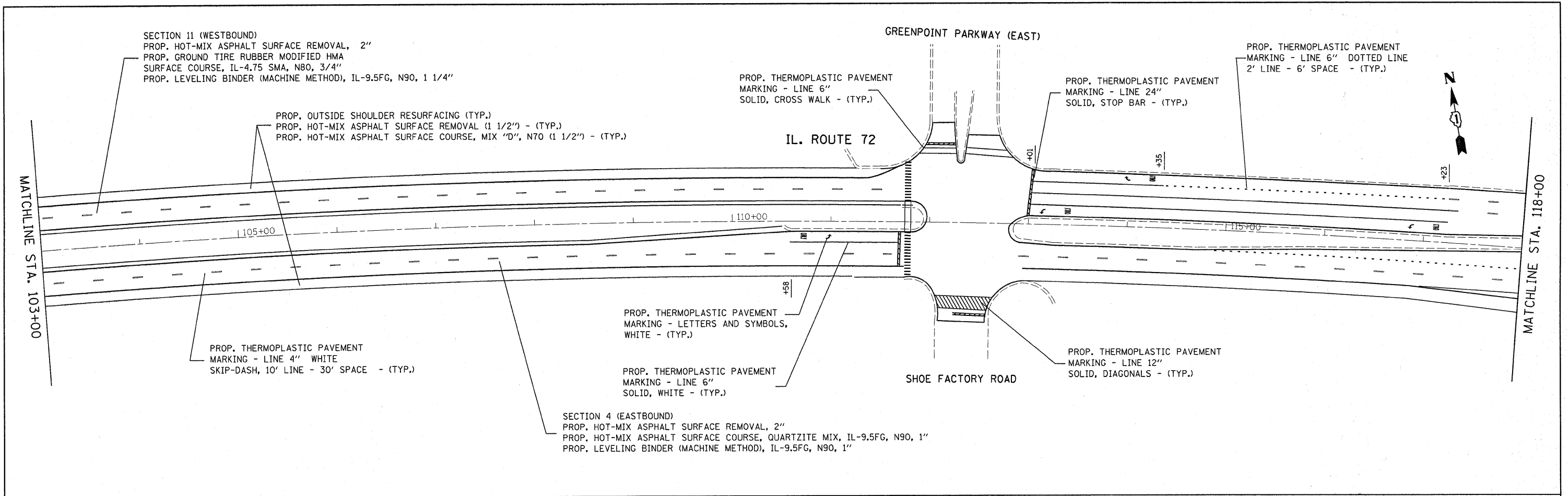
FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 72 BARTLETT RD TO GLEN LAKE RD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PIWIDOT\BANKSL\ad0184738\0148000-sht-plan.dgn		DRAWN -	REVISED -		341	32 (1 & 2) R-RS	COOK	25	7			
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60K41							
PLOT DATE = 4/26/2010		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.		



NOTES:  
 LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.  
 ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).  
 ALL RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL APPLICATIONS RAISED PAVEMENT MARKER DETAIL." (TC-11).

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 72 BARTLETT RD TO GLEN LAKE RD</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\PWIDOT\BANKSL\0184738\014800-sh-t-plan.dgn		DRAWN -	REVISED -		341	32 (1 & 2) R-RS	COOK	25	8				
PLOT SCALE = 58.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 60K41				
PLOT DATE = 4/26/2010		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								





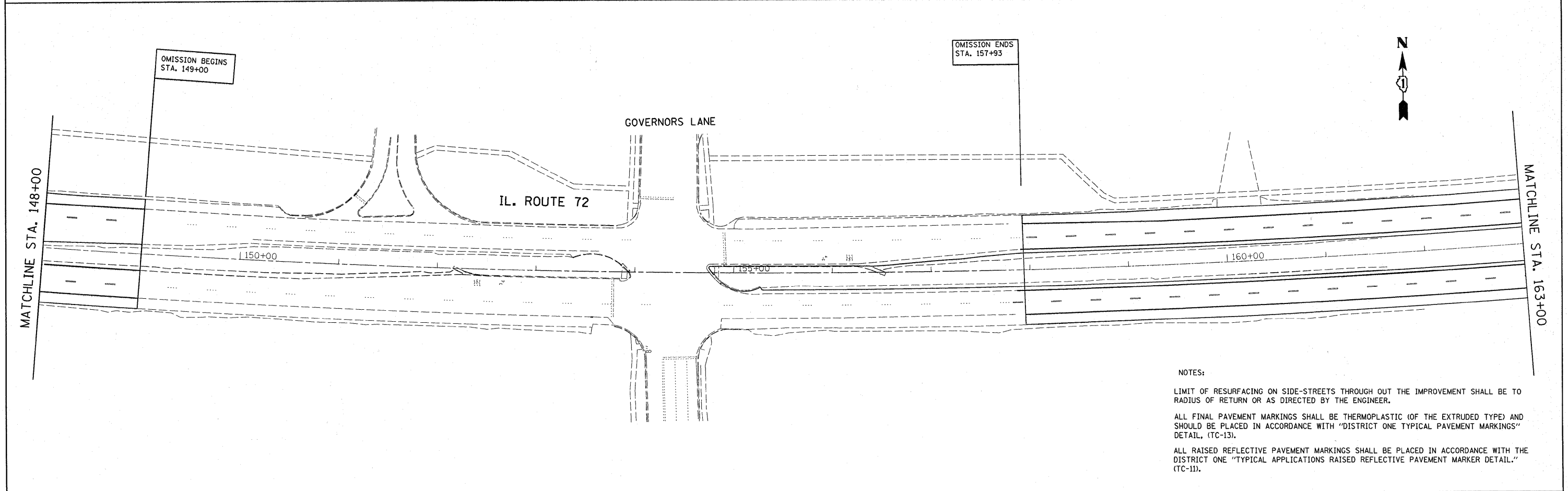
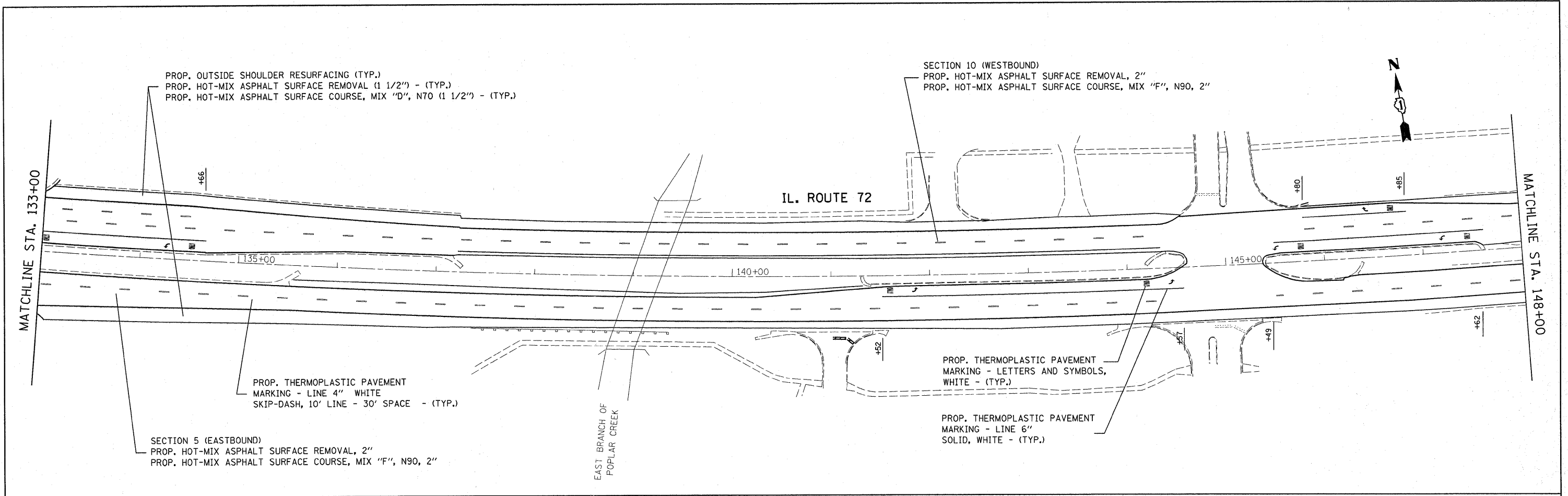
NOTES:

LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.

ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).

ALL RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKER DETAIL," (TC-11).

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 72 BARTLETT RD TO GLEN LAKE RD</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw-work\VP\WIDOT\BANKSL\08184738\014800-0-sht-plan.dgn		DRAWN -	REVISED -		341	32 (1 & 2) R-RS	COOK	25	9		
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60K41			ILLINOIS FED. AID PROJECT			
PLOT DATE = 4/26/2010		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.				



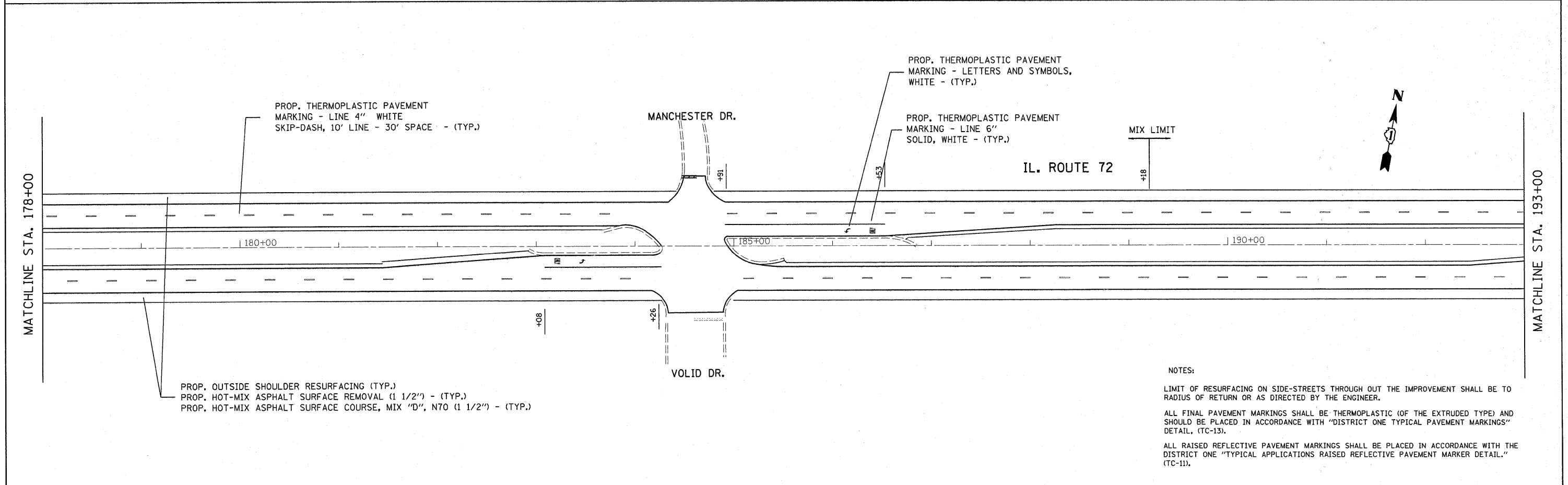
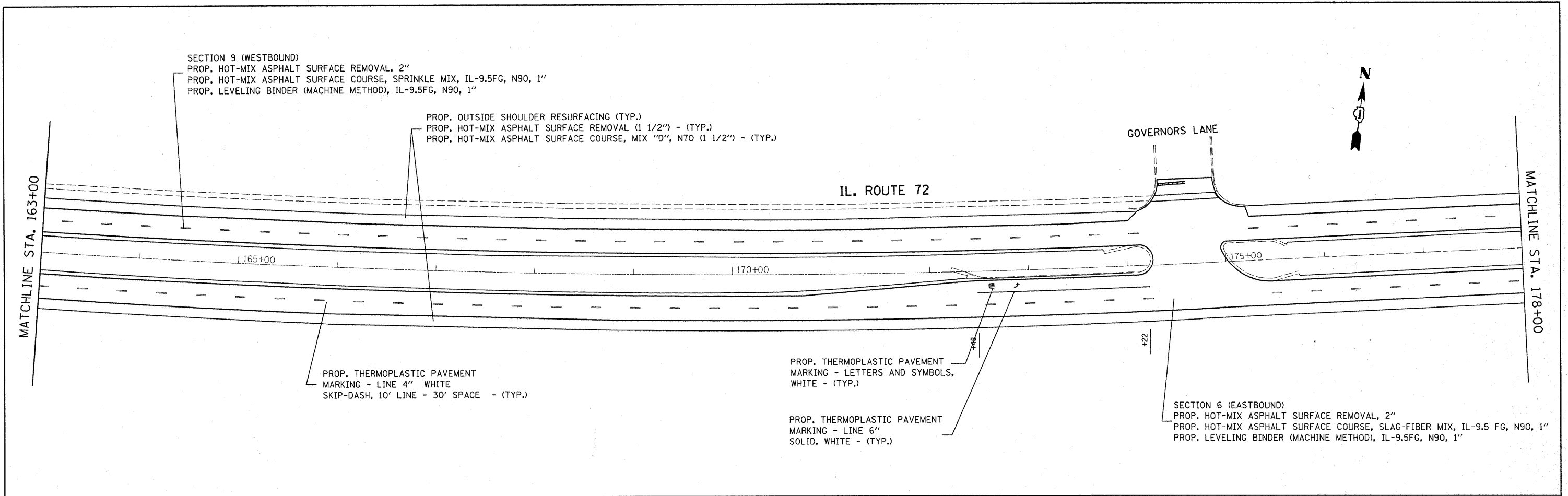
NOTES:

LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.

ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).

ALL RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKER DETAIL." (TC-11).

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 72 BARTLETT RD TO GLEN LAKE RD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PM\DOT\BANKSL\d0184738\0148000-shr-plan.dgn	PLOT SCALE = 50,0000 ' / IN.	DRAWN -	REVISED -			341	32 (1 & 2) R-RS	COOK	25	10
PLOT DATE = 4/26/2010	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60K41				
						ILLINOIS FED. AID PROJECT				



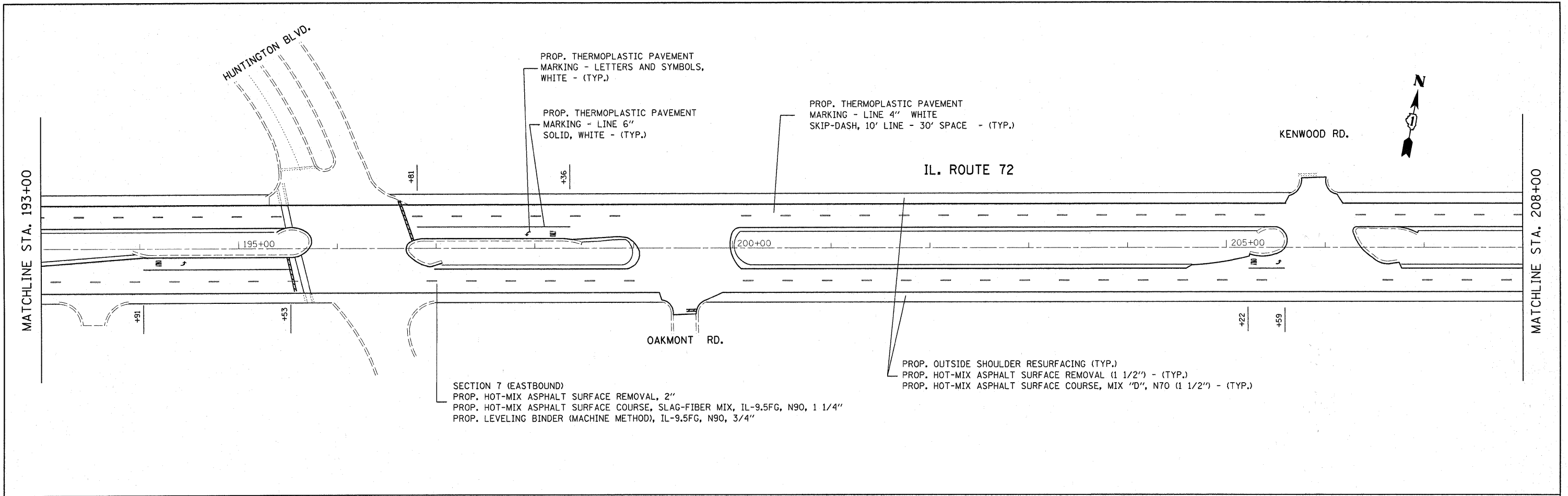
NOTES:

LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.

ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).

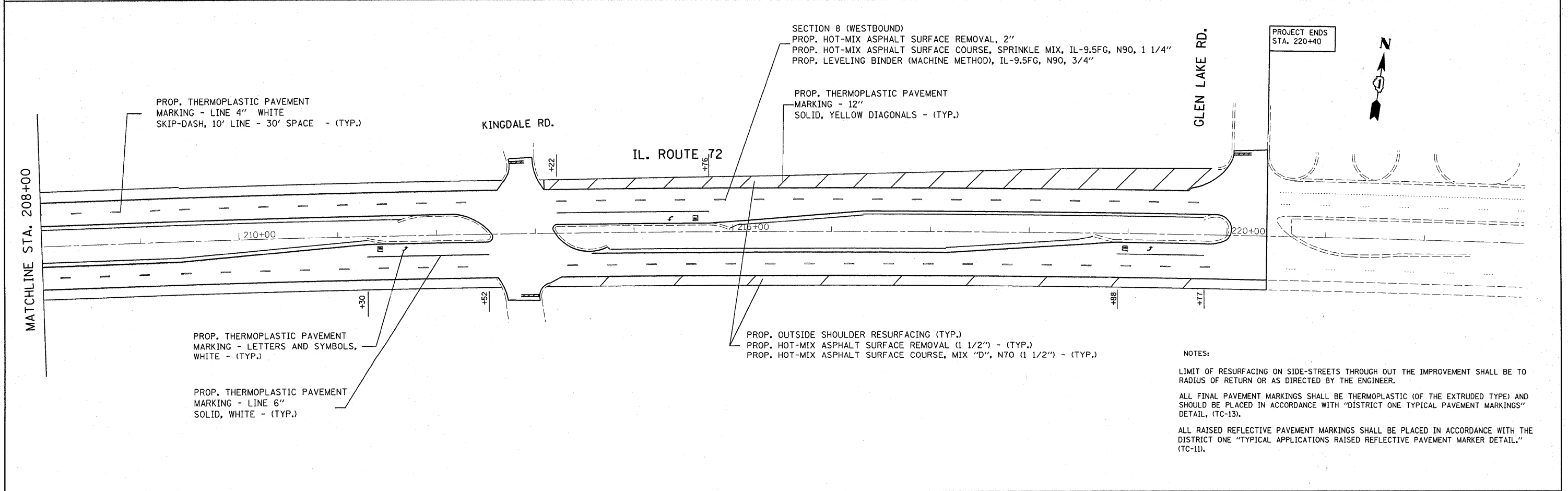
ALL RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKER DETAIL." (TC-11).

FILE NAME =	USER NAME = banks	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 72 BARTLETT RD TO GLEN LAKE RD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pw_work\VPWIDOT\BANKSL\d8184738\0148002-shd-plan.dgn		DRAWN -	REVISED -		341	32 (1 & 2) R-RS	COOK	25	11			
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60K41							
PLOT DATE = 4/26/2010		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.		



SECTION 7 (EASTBOUND)  
 PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 PROP. HOT-MIX ASPHALT SURFACE COURSE, SLAG-FIBER MIX, IL-9.5FG, N90, 1 1/4"  
 PROP. LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 3/4"

PROP. OUTSIDE SHOULDER RESURFACING (TYP.)  
 PROP. HOT-MIX ASPHALT SURFACE REMOVAL (1 1/2") - (TYP.)  
 PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 1/2") - (TYP.)



SECTION 8 (WESTBOUND)  
 PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 PROP. HOT-MIX ASPHALT SURFACE COURSE, SPRINKLE MIX, IL-9.5FG, N90, 1 1/4"  
 PROP. LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 3/4"

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE SKIP-DASH, 10' LINE - 30' SPACE - (TYP.)

PROP. THERMOPLASTIC PAVEMENT MARKING - 12" SOLID, YELLOW DIAGONALS - (TYP.)

PROP. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS, WHITE - (TYP.)

PROP. OUTSIDE SHOULDER RESURFACING (TYP.)  
 PROP. HOT-MIX ASPHALT SURFACE REMOVAL (1 1/2") - (TYP.)  
 PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 1/2") - (TYP.)

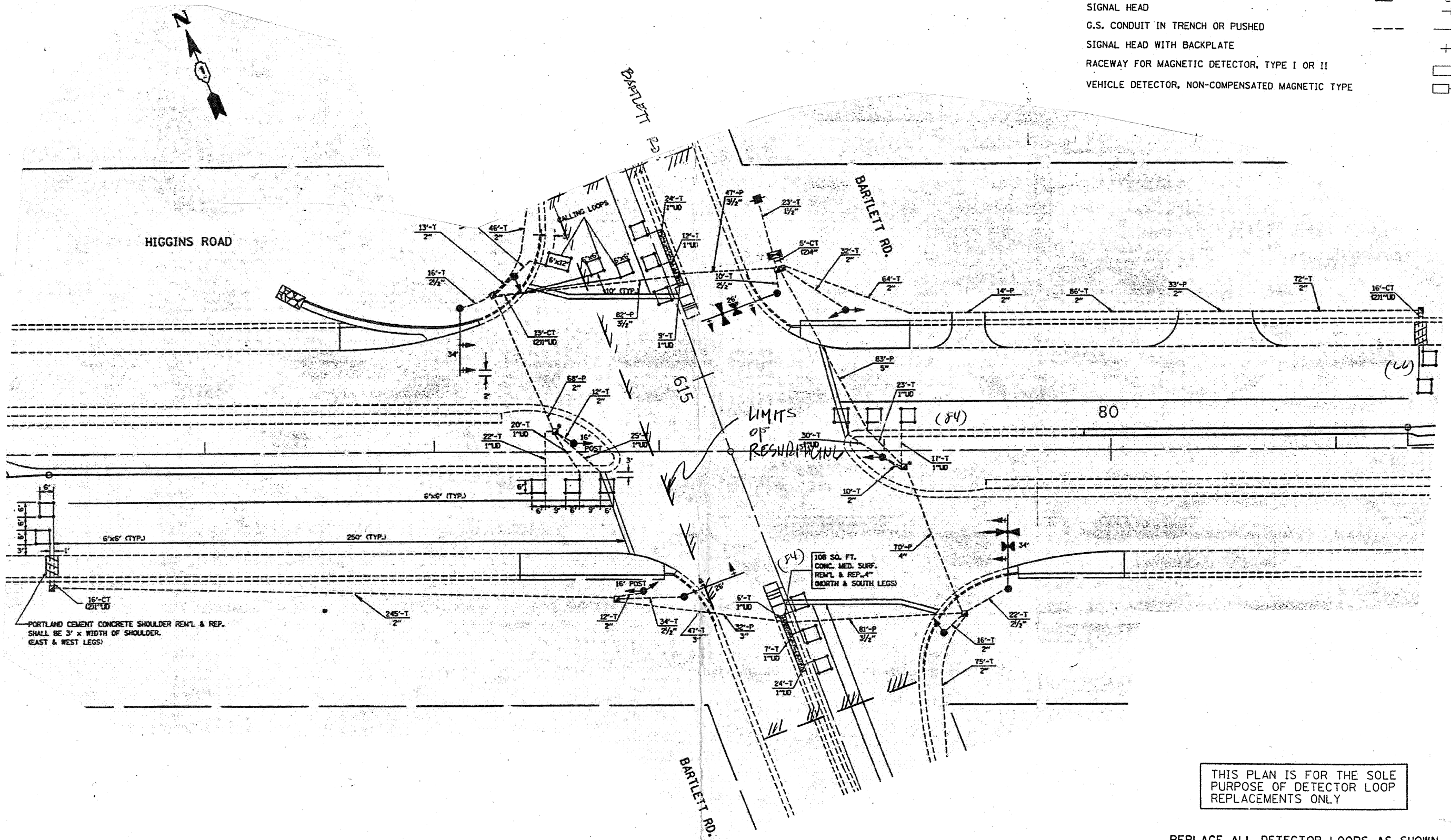
PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" SOLID, WHITE - (TYP.)

NOTES:  
 LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.  
 ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).  
 ALL RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKER DETAIL." (TC-11).

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 72 BARTLETT RD TO GLEN LAKE RD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\BANKSL\0184738\014800-sh1-plan.dgn		DRAWN -	REVISED -		341	32 (1 & 2) R-RS	COOK	25	12			
PLOT SCALE = 50,00000 / IN.		CHECKED -	REVISED -		CONTRACT NO. 60K41							
PLOT DATE = 4/26/2010		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
DETECTOR LOOP		
SIGNAL HEAD		
G.S. CONDUIT IN TRENCH OR PUSHED		
SIGNAL HEAD WITH BACKPLATE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR II		
VEHICLE DETECTOR, NON-COMPENSATED MAGNETIC TYPE		



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

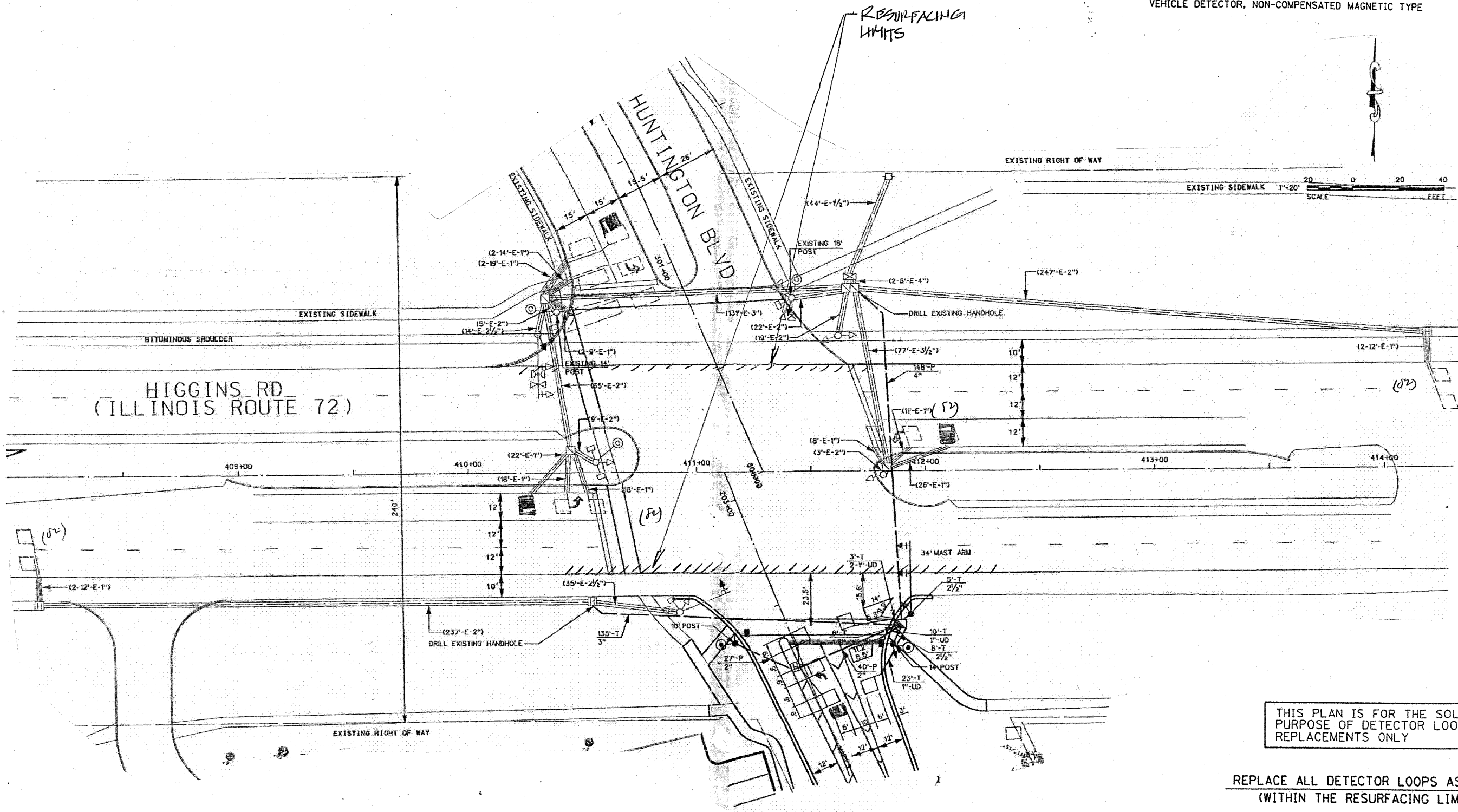
REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
86600600	408	FOOT	DETECTOR LOOP, REPLACEMENT

FILE NAME =	USER NAME = kanthepixaybo	DESIGNED - BCK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE - DETECTOR LOOP REPLACEMENT ILL. ROUTE 72 @ BARTLETT RD.</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwork\PIWIDOT\KANTHAPHIXAYBC\d01126	4\traffic.legend.v7.dgn	DRAWN - BCK	REVISED -			341	32 (1+2) R-Rs	COOK	25	13	
	PLOT SCALE = 3/4" = 1' IN.	CHECKED - DAD	REVISED -			CONTRACT NO. 60K41					
	PLOT DATE = 4/3/2009	DATE	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
DETECTOR LOOP		
SIGNAL HEAD		
G.S. CONDUIT IN TRENCH OR PUSHED		
SIGNAL HEAD WITH BACKPLATE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR II		
VEHICLE DETECTOR, NON-COMPENSATED MAGNETIC TYPE		



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
86600600	328	FOOT	DETECTOR LOOP, REPLACEMENT

FILE NAME =	USER NAME = kanthepixybc	DESIGNED - BCK	REVISED -
ca:\pwork\PMIDOT\KANTHAPHIXAYBC\01126	4\traffic.legend.v7.dgn	DRAWN - BCK	REVISED -
	PLOT SCALE = 3/4" = 1' IN.	CHECKED - DAD	REVISED -
	PLOT DATE = 4/3/2009	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE - DETECTOR LOOP REPLACEMENT  
ILL. ROUTE 72 @ HUNTINGTON BLVD.

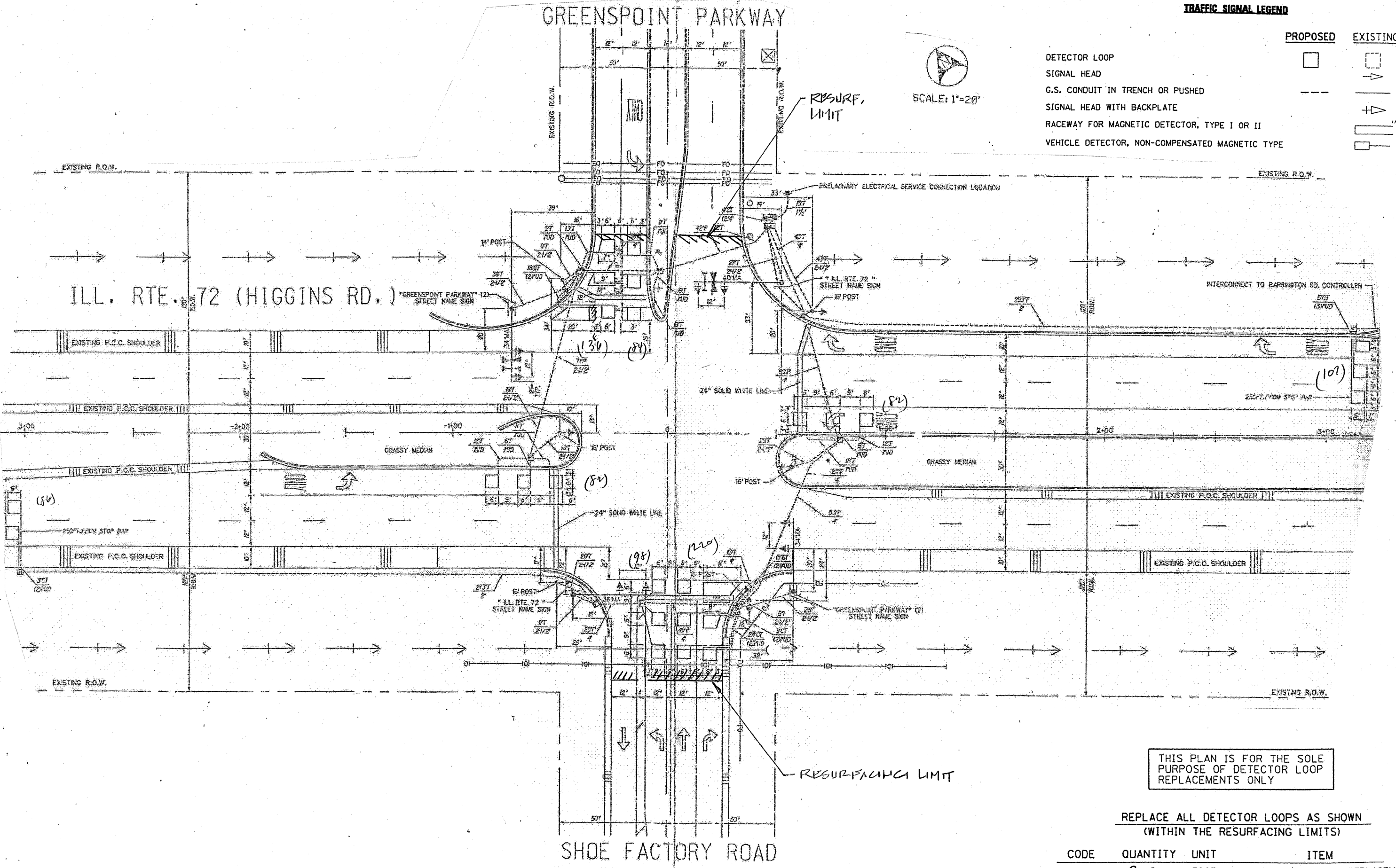
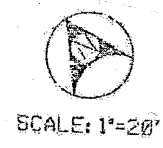
SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	F.A.P. RTE. 341	SECTION 32 (1+2) R-RS	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 14
-------------	---------------------	--------------	-----------------	-----------------------	-------------	-----------------	--------------

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 60K41

# GREENSPPOINT PARKWAY

## TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
DETECTOR LOOP		
SIGNAL HEAD		
G.S. CONDUIT IN TRENCH OR PUSHED		
SIGNAL HEAD WITH BACKPLATE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR II		
VEHICLE DETECTOR, NON-COMPENSATED MAGNETIC TYPE		



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

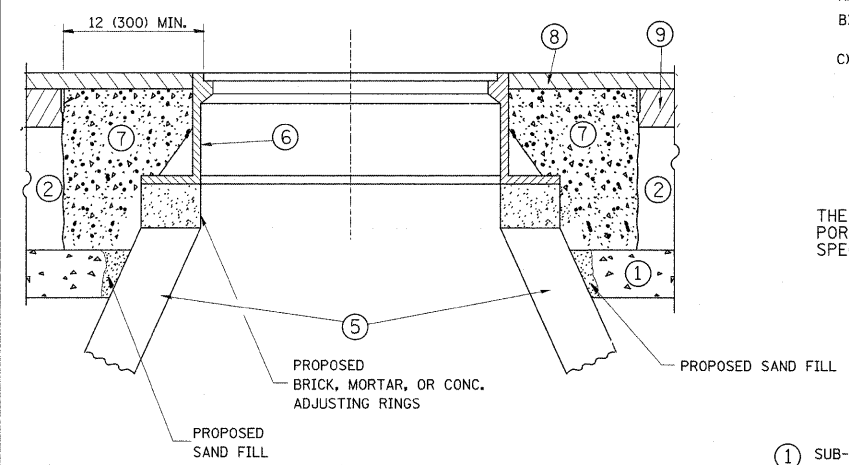
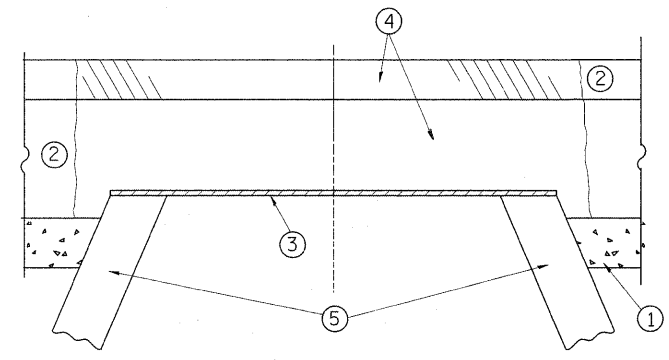
CODE	QUANTITY	UNIT	ITEM
86600600	900	FOOT	DETECTOR LOOP, REPLACEMENT

FILE NAME =	USER NAME = konthaphixybo	DESIGNED - BCK	REVISED -
cr\pwork\PW\DOT\KANTHAPHIXYBC\01126	4\traffic_legend.v7.dgn	DRAWN - BCK	REVISED -
	PLOT SCALE = 3/4"=1'-0"	CHECKED - DAD	REVISED -
	PLOT DATE = 4/3/2009	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE - DETECTOR LOOP REPLACEMENT  
ILL. ROUTE 72 @ SHOE FACTORY RD.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	32 (1+2) R-RS	COOK	25	15
CONTRACT NO.				60K4
SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



**CONSTRUCTION PROCEDURES**

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
  - B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
  - C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
  - D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.
- STAGE 2 (AFTER PAVEMENT MILLING)**
- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
  - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
  - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

**LEGEND**

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

**LOCATION OF STRUCTURES:**

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

**BASIS OF PAYMENT:** THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL" NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

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

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

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

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

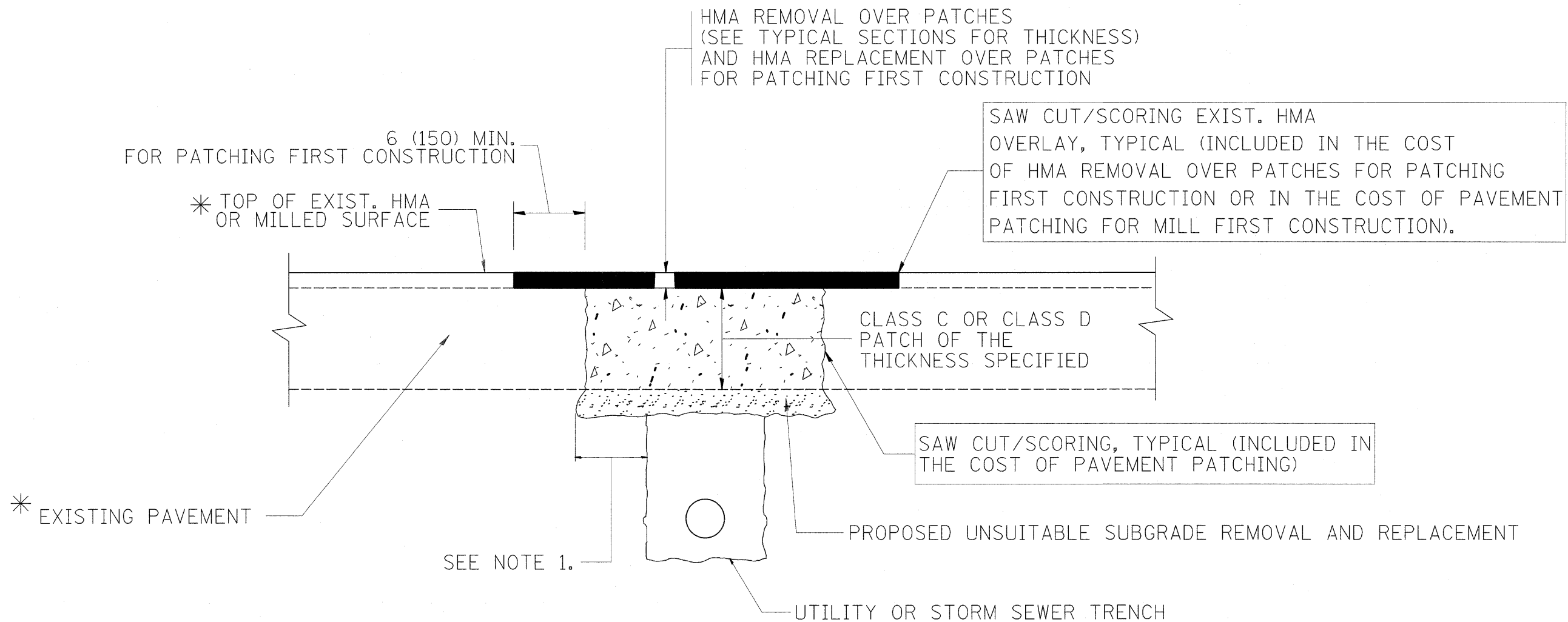
WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = banks1	DESIGNED - R. SHAH	REVISED - R. SHAH 03-10-95	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et\pw_work\PWIDOT\BANKSL\20184738\DistS	d.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97		341	32 (1 & 2) R-RS	COOK	25	16			
PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - R. WIEDEMAN 05-14-04	REVISED - R. BORO 01-01-07		<b>BD600-03 (BD-8)</b>			CONTRACT NO. 60K41				
PLOT DATE = 4/1/2010	DATE - 10-25-94				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

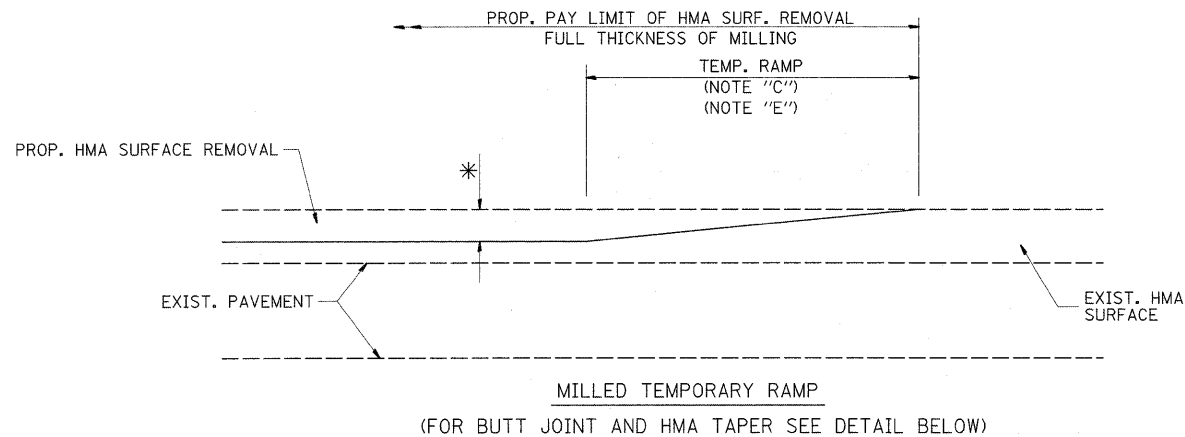
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

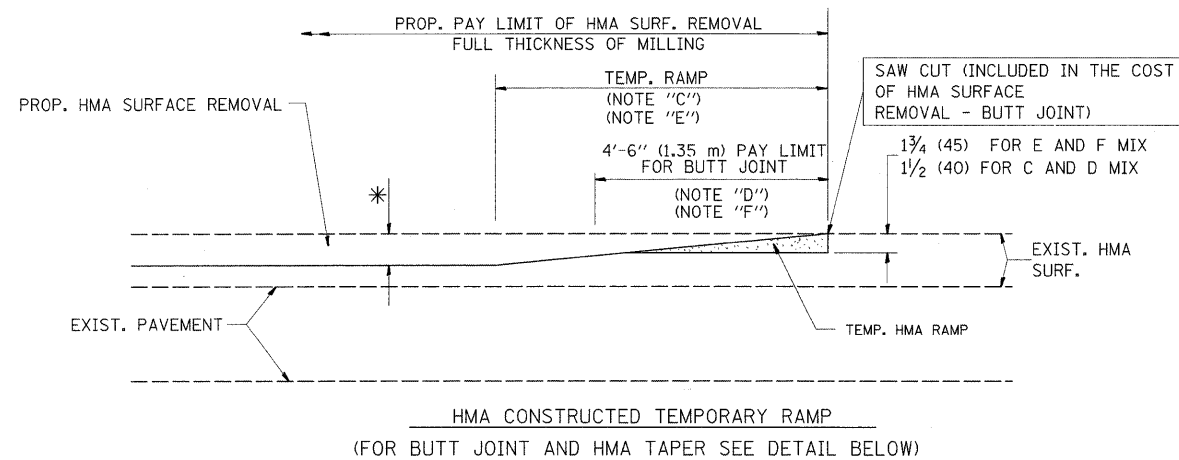
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

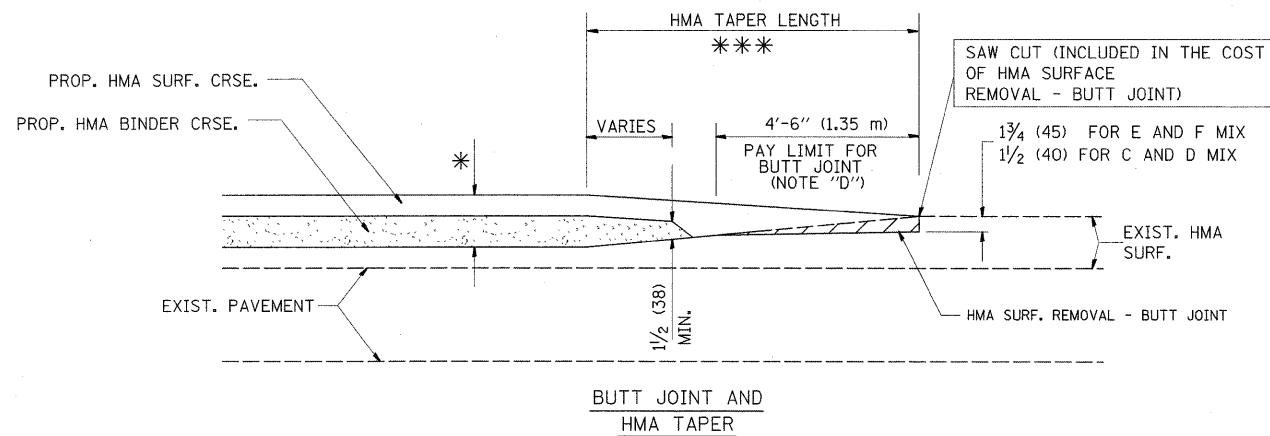
FILE NAME =	USER NAME = banks1	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et\pwwork\pwwid\BANKSL\0184738\01st5.dgn		DRAWN -	REVISED - R. BORO 01-01-07		341	32 (1 & 2) R-RS	COOK	25	17		
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED - R. BORO 09-04-07		<b>BD400-04 (BD-22)</b>		<b>CONTRACT NO. 60K41</b>				
PLOT DATE = 4/1/2010		DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



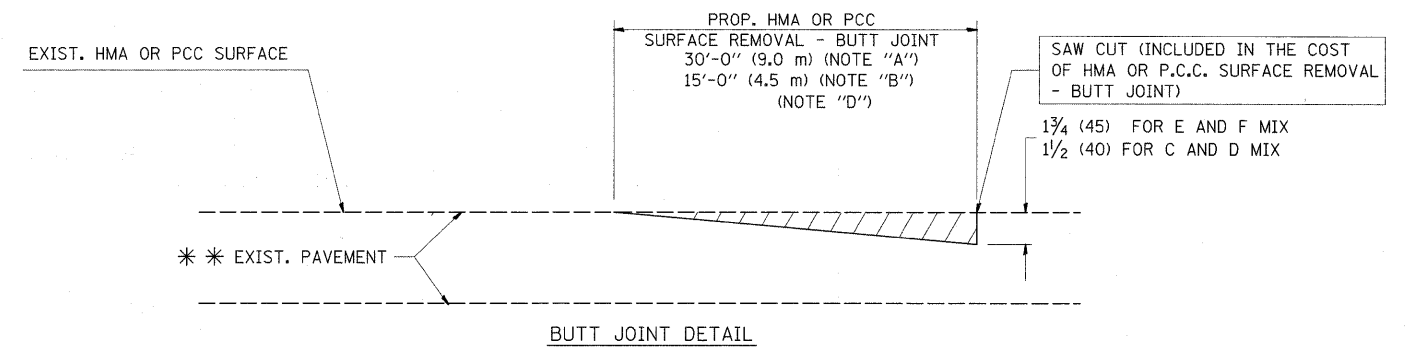
**OPTION 1**



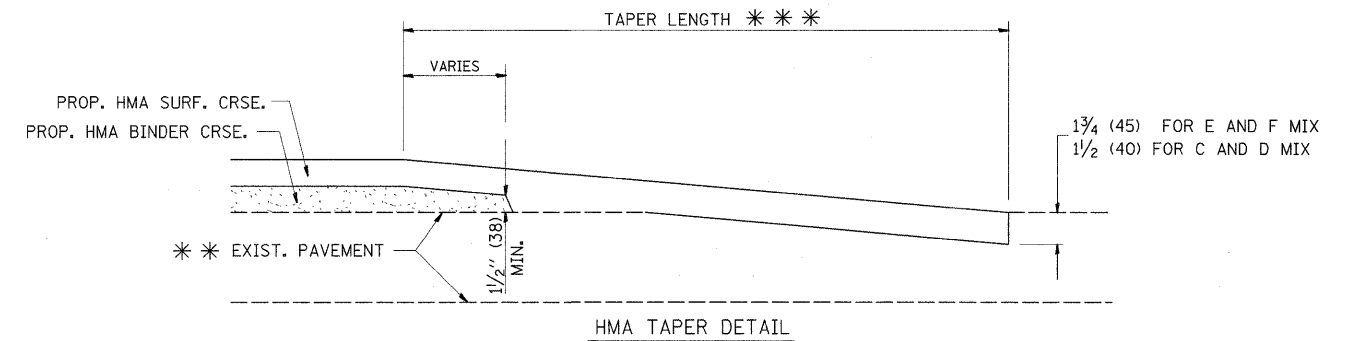
**OPTION 2**  
**TYPICAL TEMPORARY RAMP**



**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.

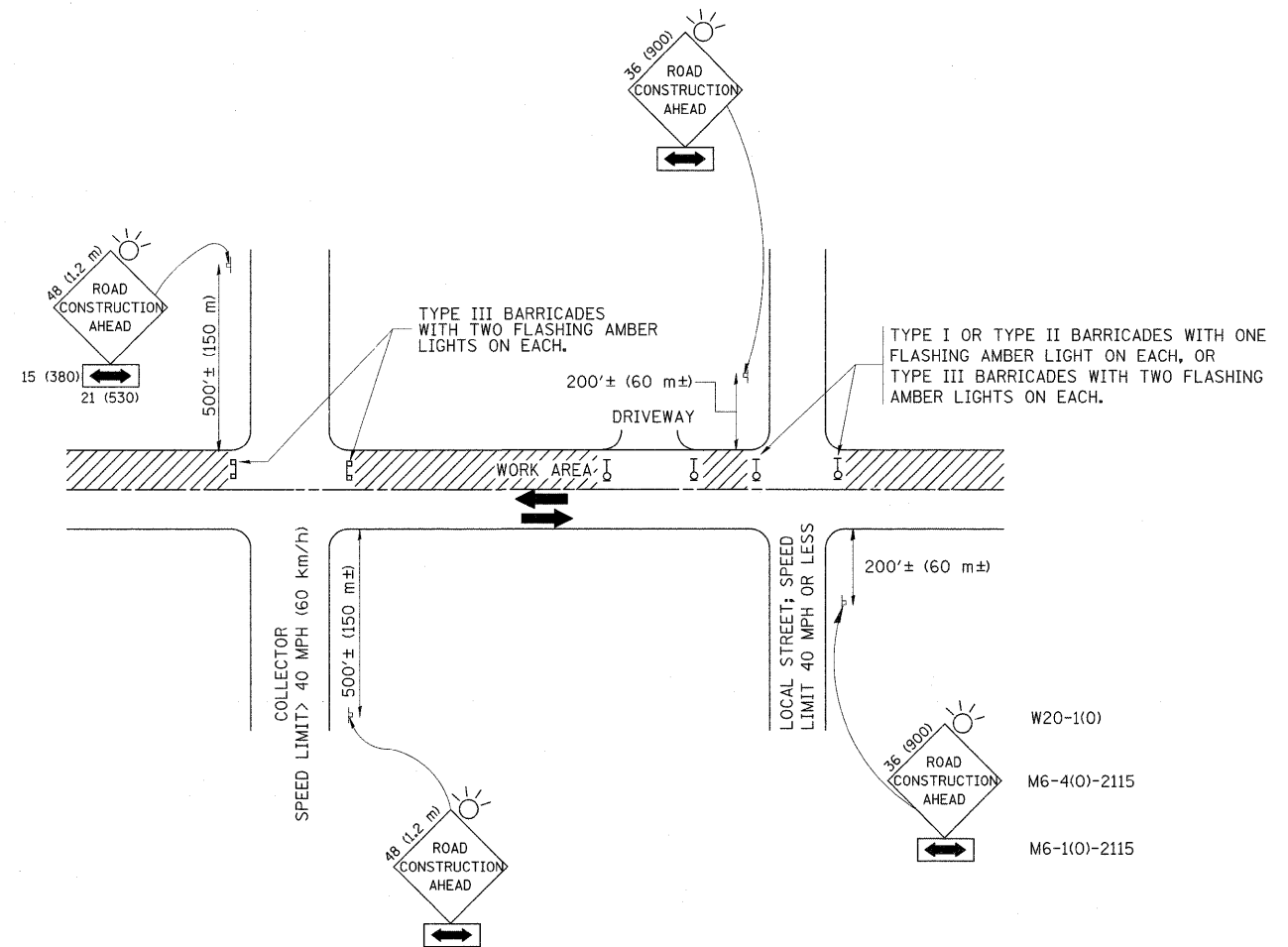
FILE NAME =	USER NAME = banks1	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
ei:\pw_work\VPWIDOT\BANKSL\j0184738\DistS	dd.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 3/8" = 1' / IN.		CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 4/1/2010		DATE - 06-13-90	REVISED - R. BORO 01-01-07

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

**BUTT JOINT AND**  
**HMA TAPER DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	32 (1 & 2) R-RS	COOK	25	18
<b>BD400-05 BD32</b>			<b>CONTRACT NO. 60K41</b>	
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



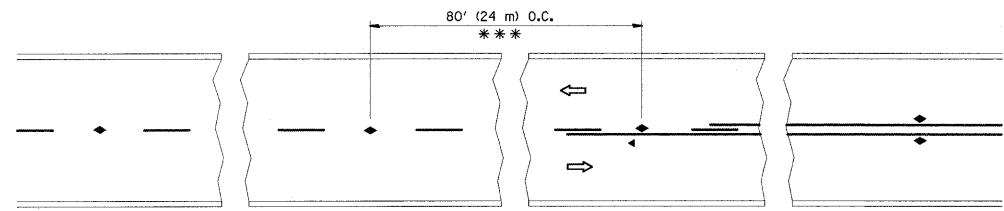
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 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:
    - 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.
    - 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.
  - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - 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.
    - 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.
  - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

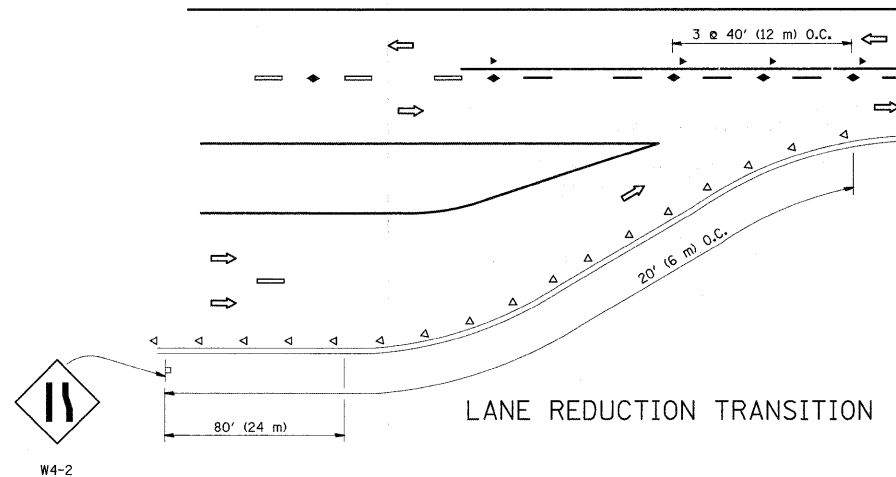
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	USER NAME = barkal	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es\pwwork\pwwidot\BANKSL\d8184738\Dist5	sd.dgn	DRAWN -	REVISED - A. HOUSEH 03-06-96		341	32 (1 & 2) R-RS	COOK	25	19			
PLOT SCALE = 50,0000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>TC-10</b>		CONTRACT NO. 60K41		
PLOT DATE = 4/1/2010	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

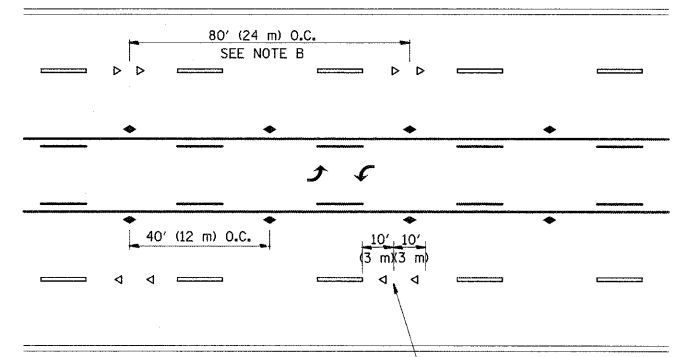


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

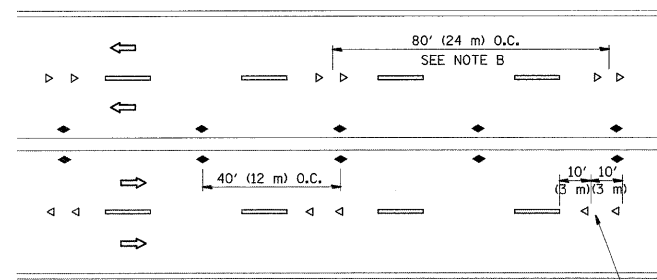
TWO-LANE/TWO-WAY



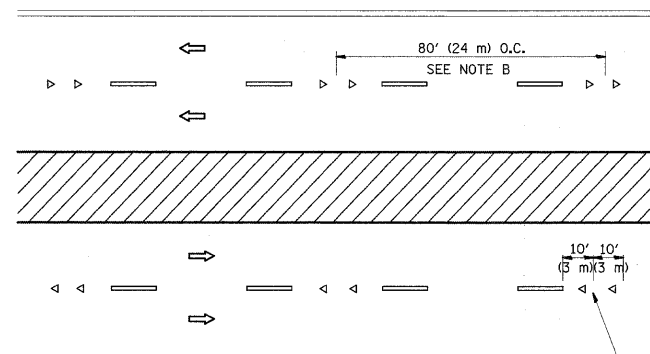
LANE REDUCTION TRANSITION



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

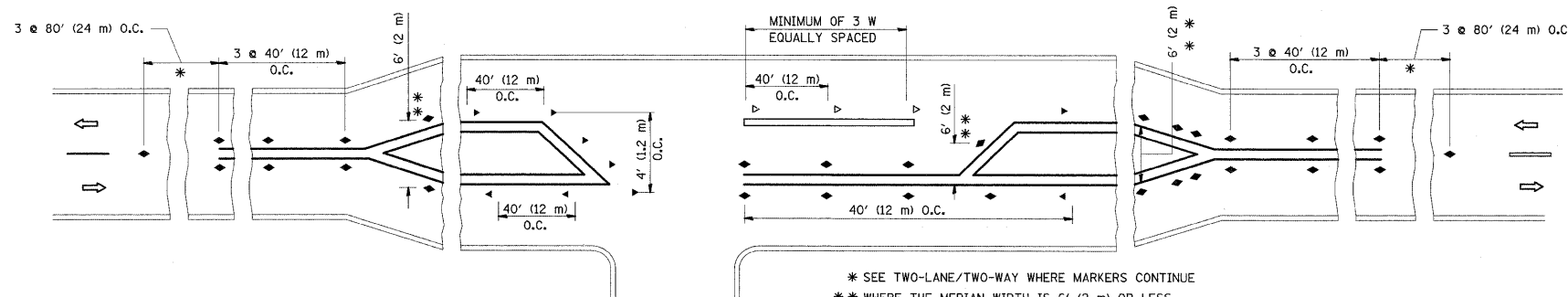
- YELLOW STRIPE
- ══ WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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 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.

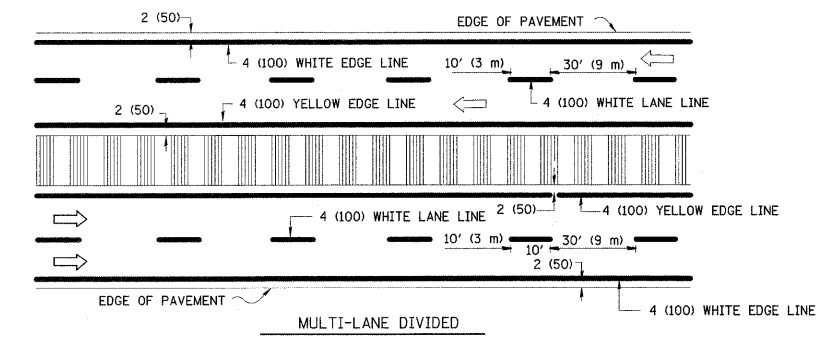
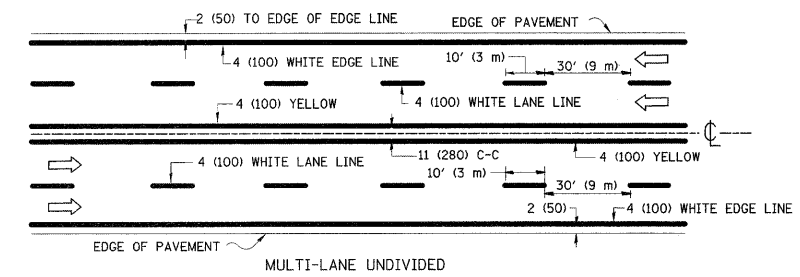
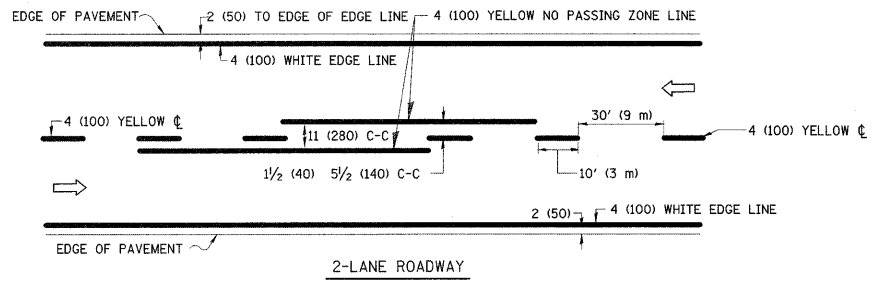


LEFT TURN

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

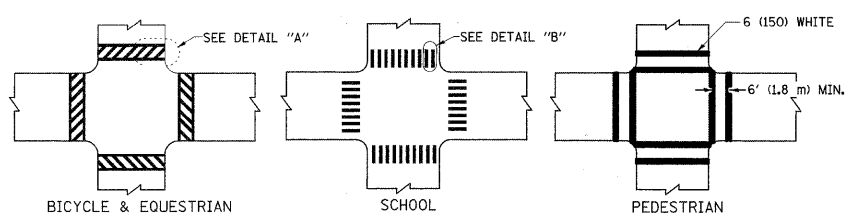
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL APPLICATIONS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw_work\PWIDOT\BANKSL\d0184738\Dist\5	.dgn	DRAWN -	REVISED - T. RAMMACHER 03-12-99		<b>RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)</b>		341	32 (1 & 2) R -RS	COOK	25	20
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED - T. RAMMACHER 01-06-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>TC-11</b>		CONTRACT NO. 60K41
PLOT DATE = 4/1/2010		DATE -	REVISED - C. JUCIUS 09-09-09						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

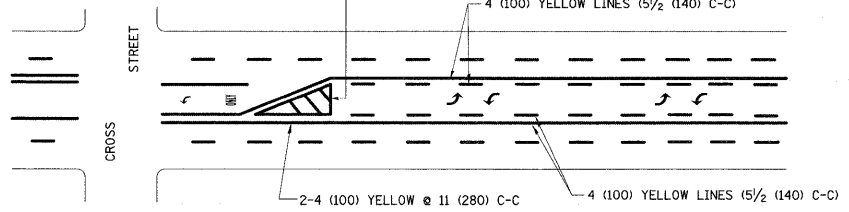
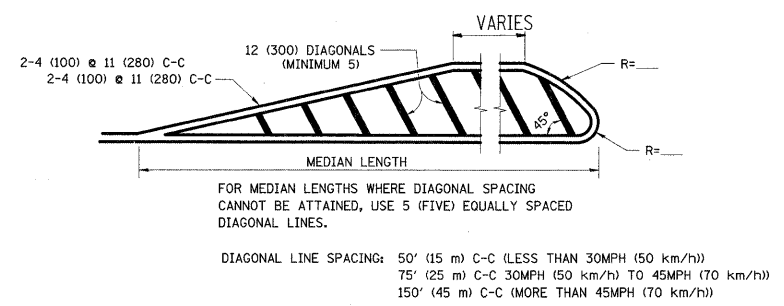
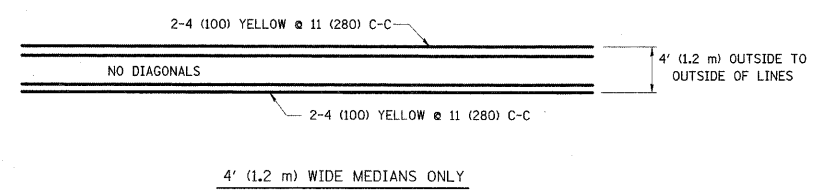


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

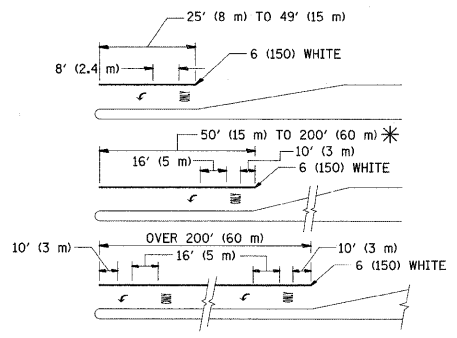
**TYPICAL LANE AND EDGE LINE MARKING**



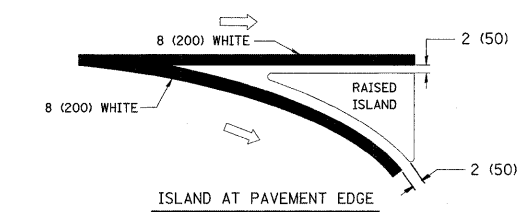
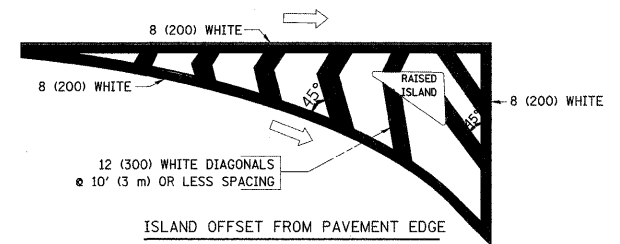
**TYPICAL CROSSWALK MARKING**



**TYPICAL PAINTED MEDIAN MARKING**



**TYPICAL TURN LANE MARKING**

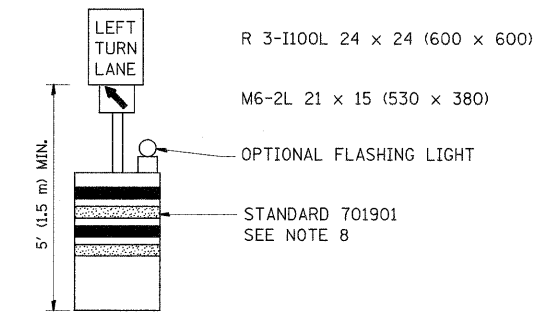
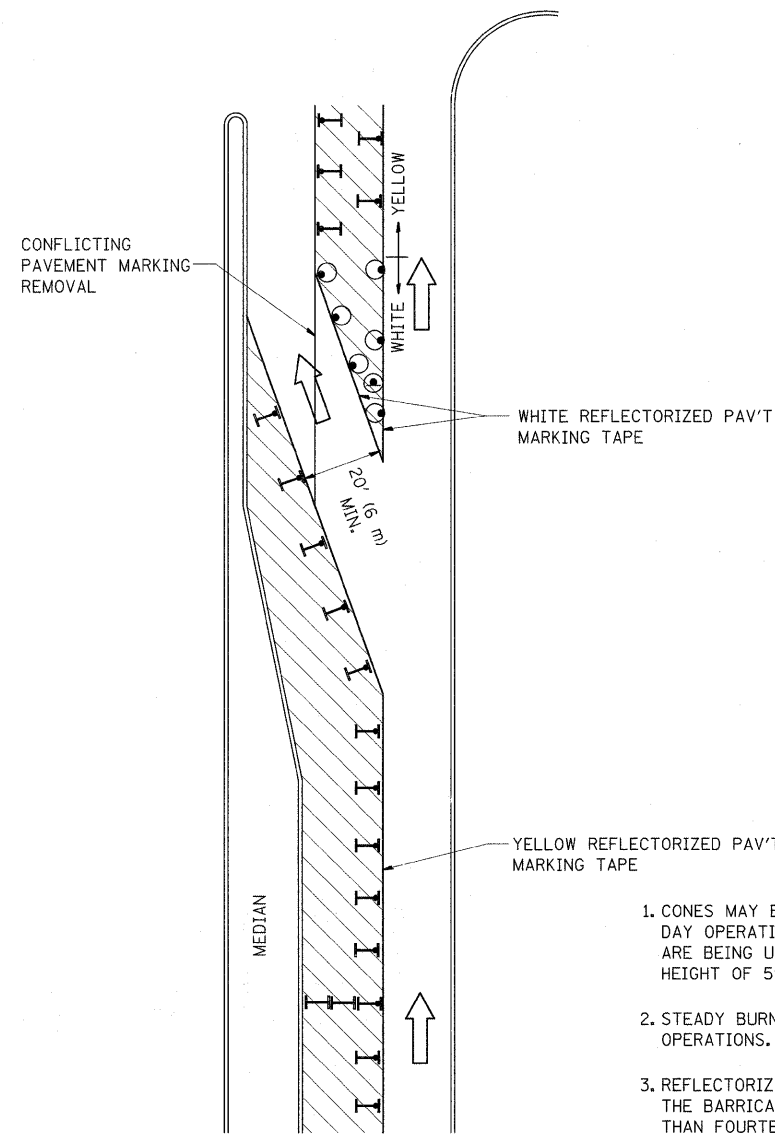


**TYPICAL ISLAND MARKING**

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

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

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

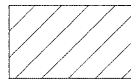







**GENERAL NOTES**

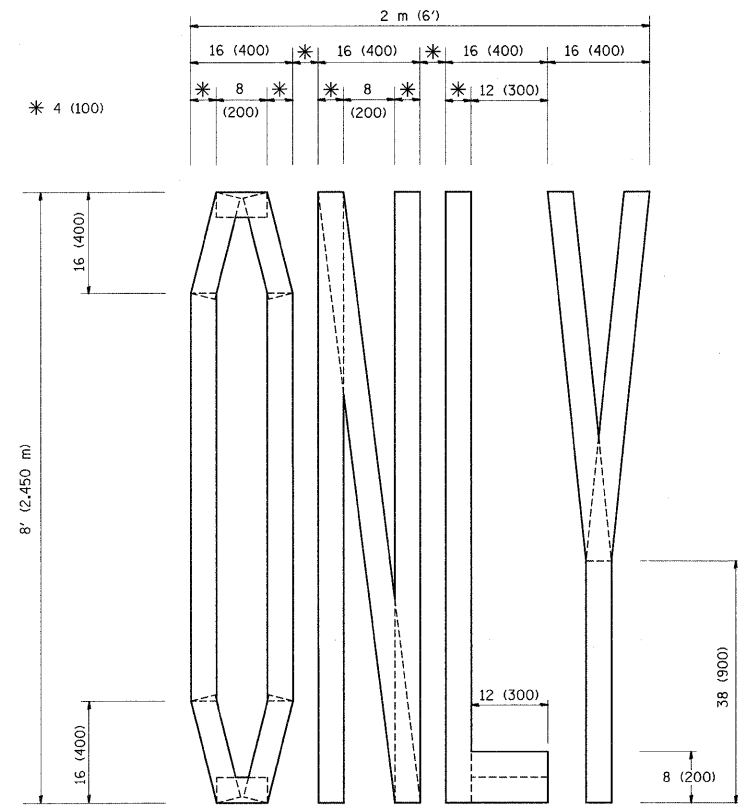
1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

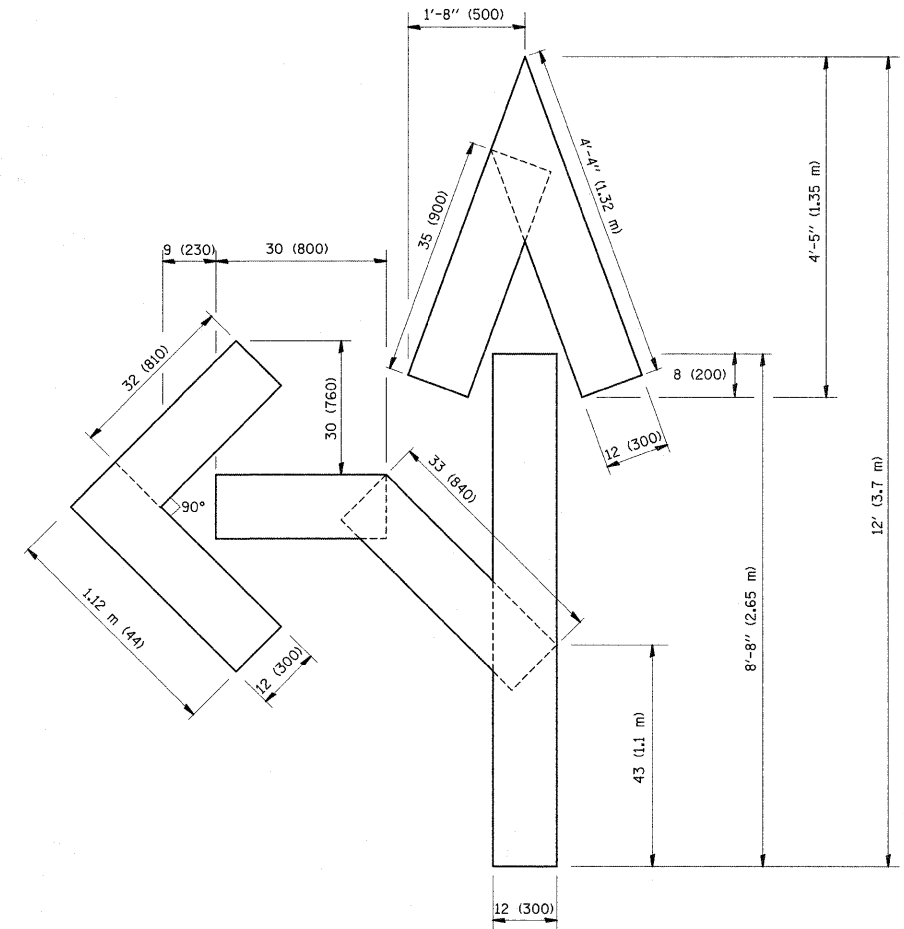
**LEGEND**

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

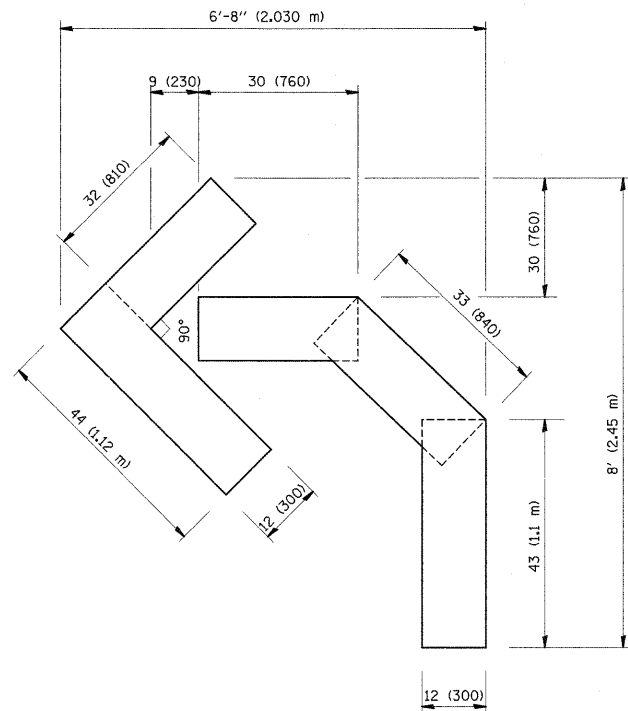
FILE NAME =	USER NAME = banks1	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci\pw_work\VPWIDOT\BANKSL\d8184738\DistS	ed.dgn	REVISED - A. HOUSEH 11-07-95	REVISED -		341	32 (1 & 2) R-RS	COOK	25	22			
PLOT SCALE = 50.0000' / IN.		REVISED - A. HOUSEH 10-12-96	REVISED -		<b>TC-14</b>			<b>CONTRACT NO. 60K41</b>				
PLOT DATE = 4/1/2010		REVISED - T. RAMMACHER 01-06-00	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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



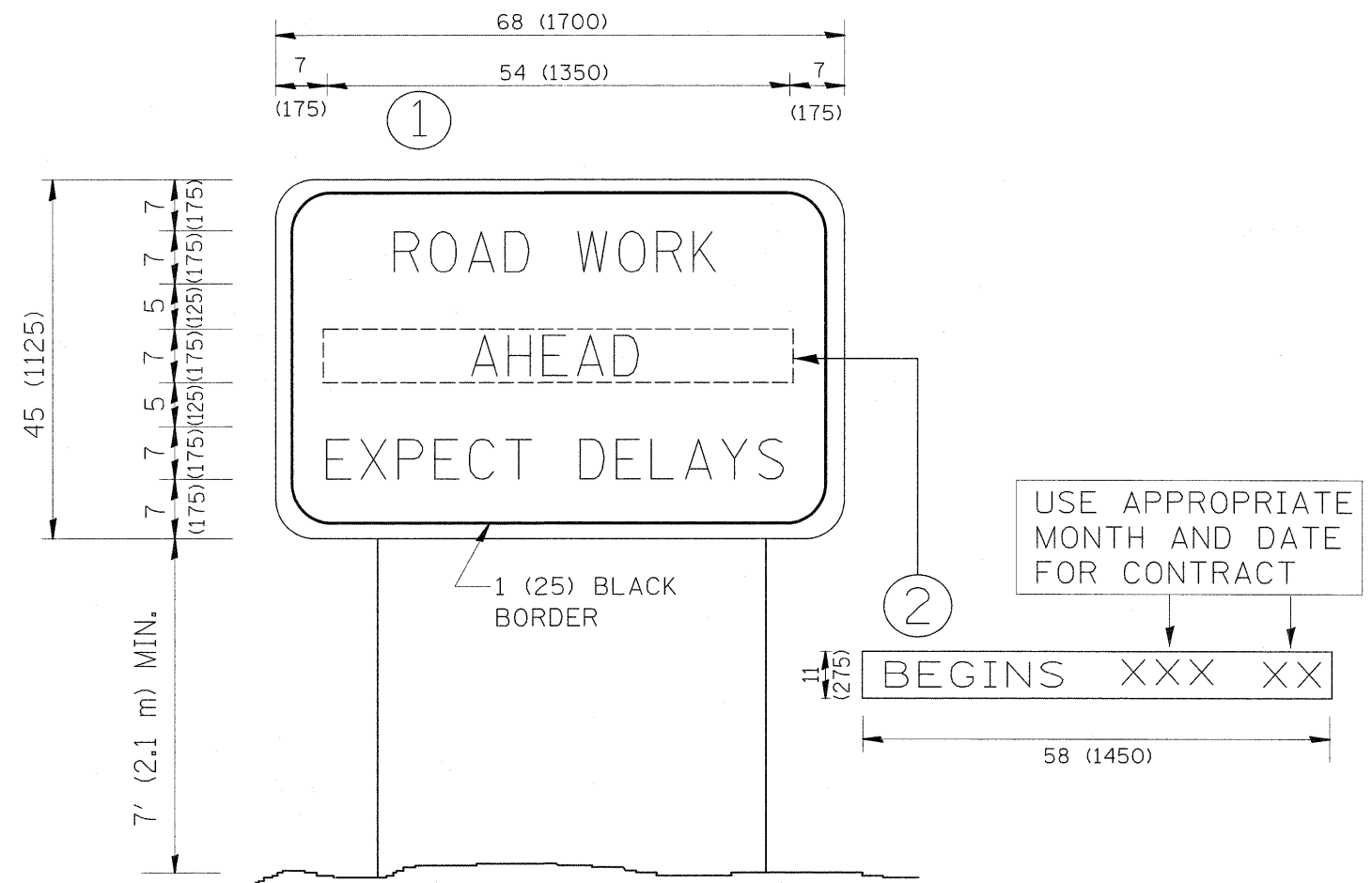
QUANTITY  
 4 (100) LINE = 82.5 ft. (25.3 m)  
 27.5 sq. ft. (2.53 sq. m)



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 = banks1	DESIGNED -	REVISED -T. RAMMACHER 06-05-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\VPWIDOT\BANKSL\08184738\DistS	d.dgn	DRAWN -	REVISED -T. RAMMACHER 11-04-97		341	32 (1 & 2) R-RS	COOK	25	23			
PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>TC-16</b>		CONTRACT NO.	60K41	
PLOT DATE = 4/1/2010	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00				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 = bankal	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\BANKSL\d0184738\DistS	d.dgn	DRAWN -	REVISED - R. MIRS 12-11-97			341	32 (1 & 2) R - RS	COOK	25	24
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	TC-22			CONTRACT NO. 60K41				
PLOT DATE = 4/1/2010	DATE -	REVISED - C. JUCIUS 01-31-07	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	



