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**STATE STANDARDS**

STANDARD NO	DESCRIPTION
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-01	MID BLOCK CURB RAMPS FOR SIDEWALKS
424021-02	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-04	OFF ROAD OPERATIONS, MULTILANE, LESS THAN 15' (4.5 MO AWAY
701426-06	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS > 45 MPH
701427-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS ≤ 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701602-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-03	PEDESTRIAN PUSH BUTTON POST
878001-09	CONCRETE FOUNDATION DETAILS

△ 701421-06

**GENERAL NOTES:**

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

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF BUFFALO GROVE, RIVERWOODS, LINCOLNSHIRE, AND VERNON HILLS.

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

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

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 40 MPH (60KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 KM/H), WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.

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

THE ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER AT 847-438-2300 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

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

ALL CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED 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. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ADJUTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

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 ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

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.

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

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF CONSTRUCTION.

OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.

THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE AND STATE IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE VILLAGE

△ Rev. 9-4-14

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwwork\pvidat\midyja\0337644\05101	shp-plan.dgn	DRAWN -	REVISED -		330	11&1YRS-3	LAKE	60	2				
Default	PLOT SCALE = 100.0000' / in	CHECKED -	REVISED -		CONTRACT NO. 60V03				[ILLINOIS] FED. AID PROJECT				
	PLOT DATE = 7/18/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	405	405			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	7.6	7.6			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	7.6	7.6			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	7.6	7.6			
25200110	SODDING, SALT TOLERANT	SO YD	405	405			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	22	22			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	347	347			
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	9523	9523			
40600895	CONSTRUCTING TEST STRIP	EACH	2	2			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1136	1136			
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3	3			
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	22,622	22,622			
42001300	PROTECTIVE COAT	SO YD	361	361			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	20	20			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	1900	1900			
42400800	DETECTABLE WARNINGS	SO FT	210	210			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021		
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	230,827	230,827			
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	42	42			
44000600	SIDEWALK REMOVAL	SO FT	1837	1837			
44201811	CLASS D PATCHES, TYPE I, 14 INCH	SO YD	500	500			
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	6000	6000			
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	1925	1925			
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	2120	2120			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	479	479			
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	15	15			
60403700	LIDS, TYPE 1, OPEN LID	EACH	15	15			
60403800	LIDS, TYPE 1, CLOSED LID	EACH	50	50			
60404940	FRAMES AND GRATES, TYPE 23	EACH	5	5			
60404950	FRAMES AND GRATES, TYPE 24	EACH	6	6			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	25	25			
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1			

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Rev. 9-4-14  
SUMMARY OF QUANTITIES

\*Specialty Items

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(I&I)RS-3	LAKE	60	3
CONTRACT NO. 60V03			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67100100	MOBILIZATION	L SUM	1	1					
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1					
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1					
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1					
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11252	11252					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	4114	4114					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	99215	99215					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	20326	20326					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	728	728					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2936	2936					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1985	1985					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	54740	54740					
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	4114	4114					

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021				
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	99215	99215					
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	20326	20326					
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	728	728					
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2936	2936					
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1985	1985					
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2529	2529					
78300100	PAVEMENT MARKING REMOVAL	SQ FT	50	50					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2529	2529					
*81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	11		11				
*85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1				
*87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	214		214				
*87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	228		228				
*87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	21		21				
*87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	1		1				
*87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4		4				
*87900200	DRILL EXISTING HANDHOLE	EACH	1		1				
*88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		2				

\*SPECIALTY ITEMS

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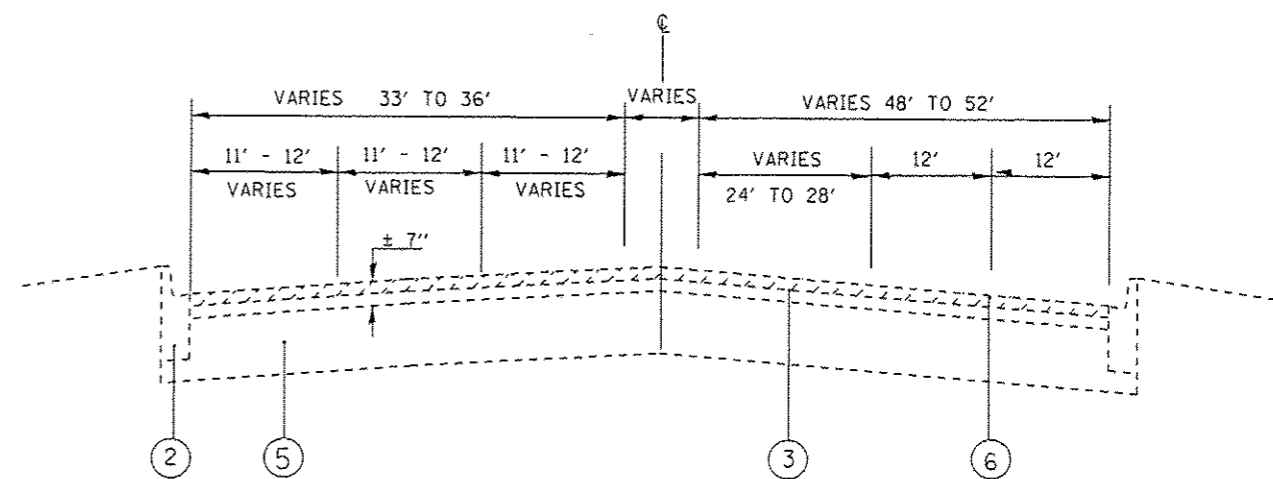
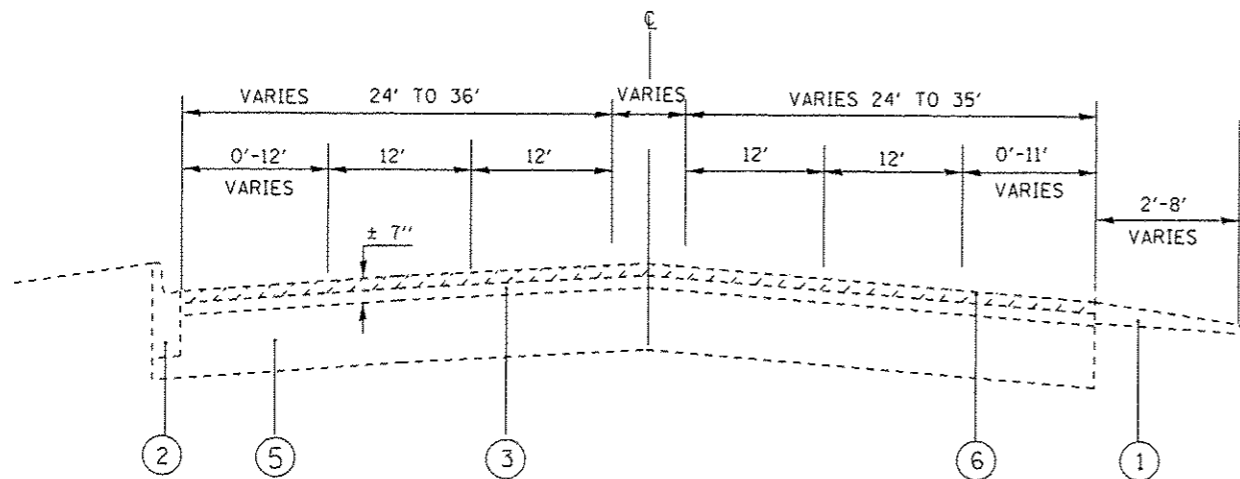
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
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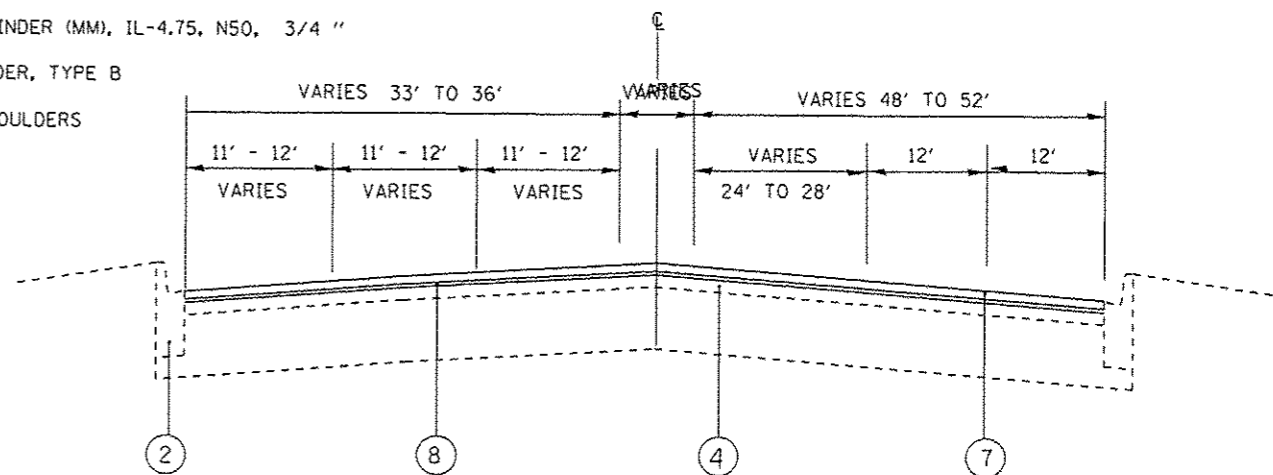
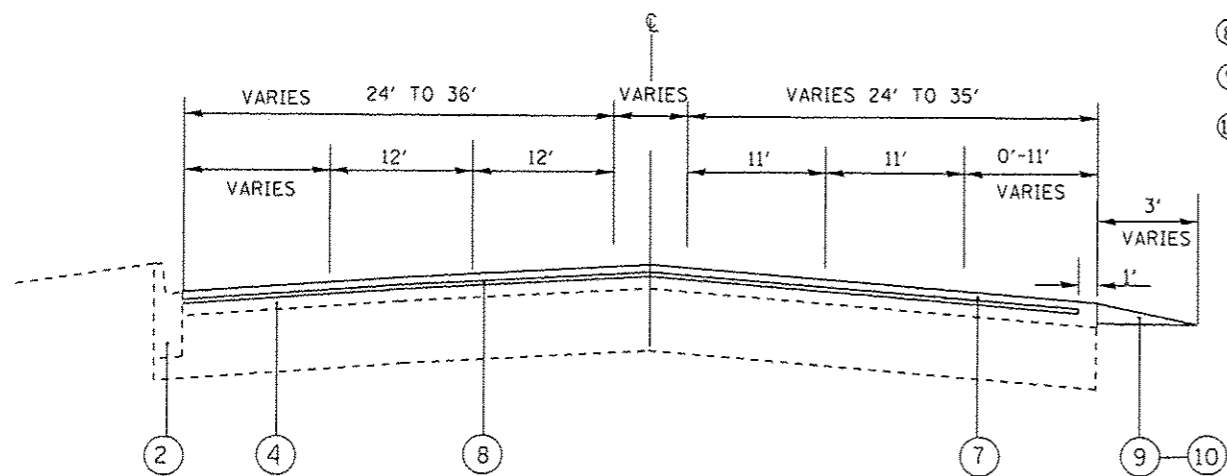
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CONTRACT NO. 60V03				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





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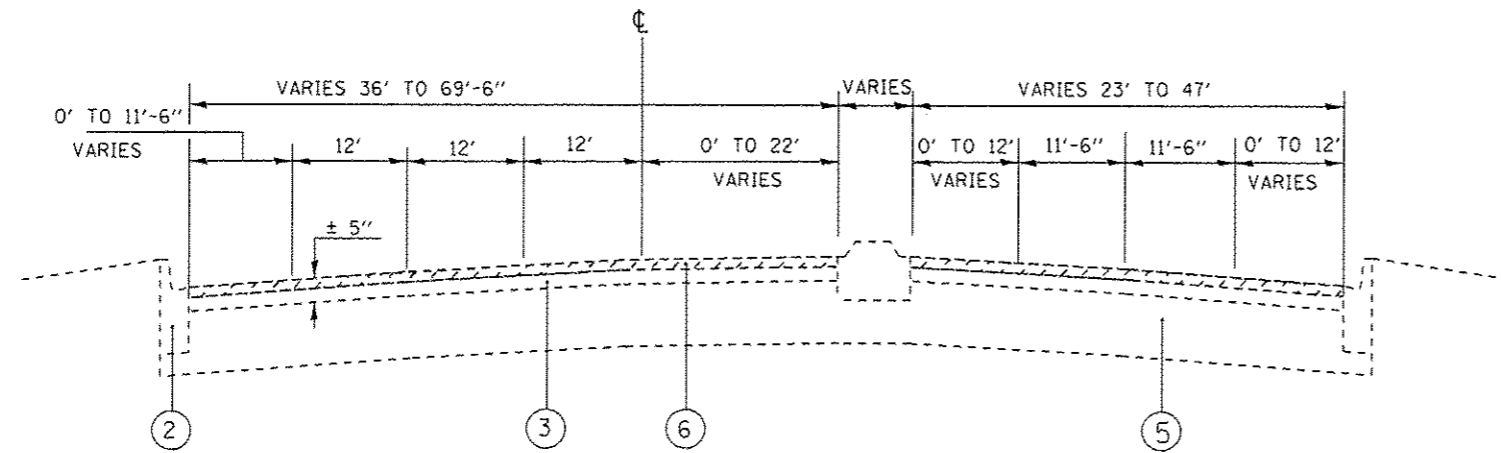
- ① EXIST. AGGREGATE SHOULDER
- ② EXIST. CURB AND GUTTER
- ③ EXIST. BITUMINOUS OVERLAY (± 7")
- ④ EXIST. HMA PAVEMENT AFTER MILLING, ± 4 1/2" MIN.
- ⑤ EXIST. PCC BASE COURSE ± 9"-7"-9"
- ⑥ PROP. HMA SURFACE REMOVAL, 2 1/2 "
- ⑦ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 1 3/4 "
- ⑧ PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4 "
- ⑨ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ PROP. SHAPING AND GRADING SHOULDERS



**NOTE:**  
**CONTRACTOR SHALL MILL FIRST BEFORE PATCHING**

*Rev. Sheet 9-4-1-*

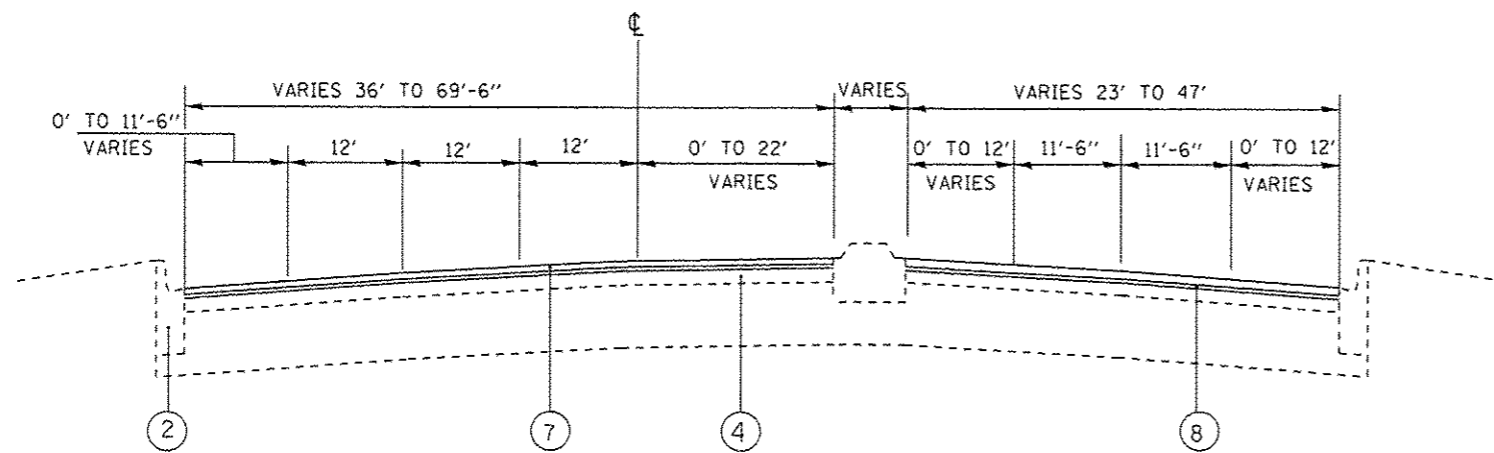
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	PLOT DATE * 8/22/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION  
 IL 21 / US 45 (MILWAUKEE AVE)  
 STA 316+13 TO STA 339+49

**LEGEND**

- ① EXIST. AGGREGATE SHOULDER
- ② EXIST. CURB AND GUTTER
- ③ EXIST. BITUMINOUS OVERLAY (±) 7"
- ④ EXIST. HMA PAVEMENT AFTER MILLING, ± 4 1/2" MIN.
- ⑤ EXIST. PCC BASE COURSE ± 9"-7"-9"
- ⑥ PROP. HMA SURFACE REMOVAL, 2 1/2 "
- ⑦ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 1 3/4 "
- ⑧ PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4 "
- ⑨ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ PROP. SHAPING AND GRADING SHOULDERS

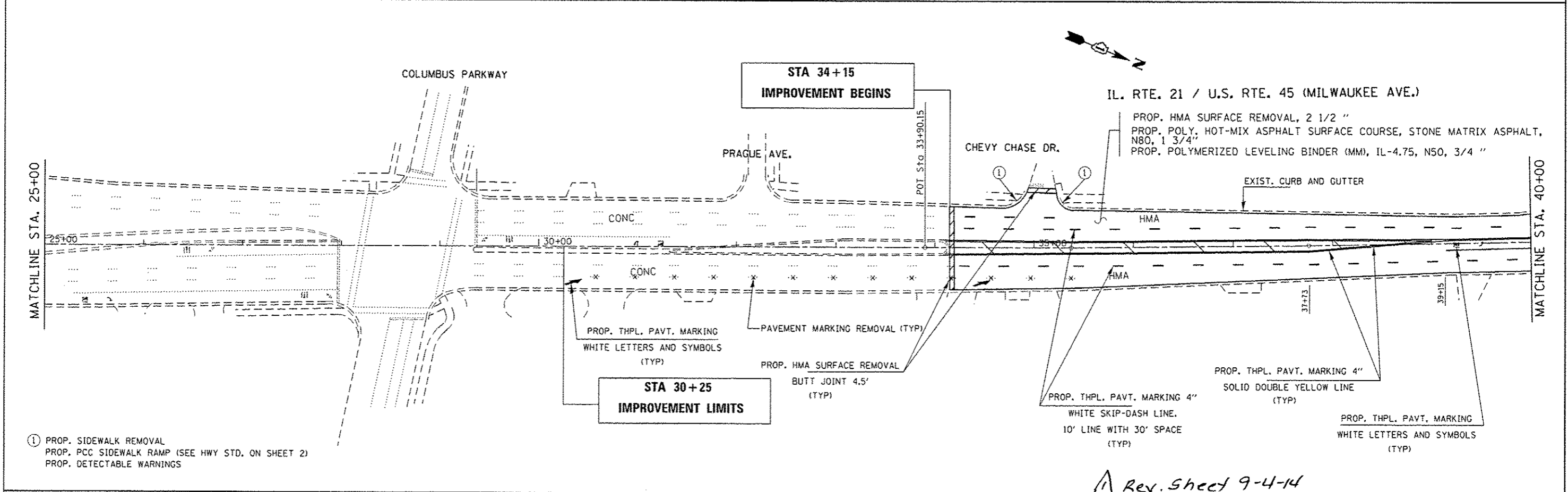
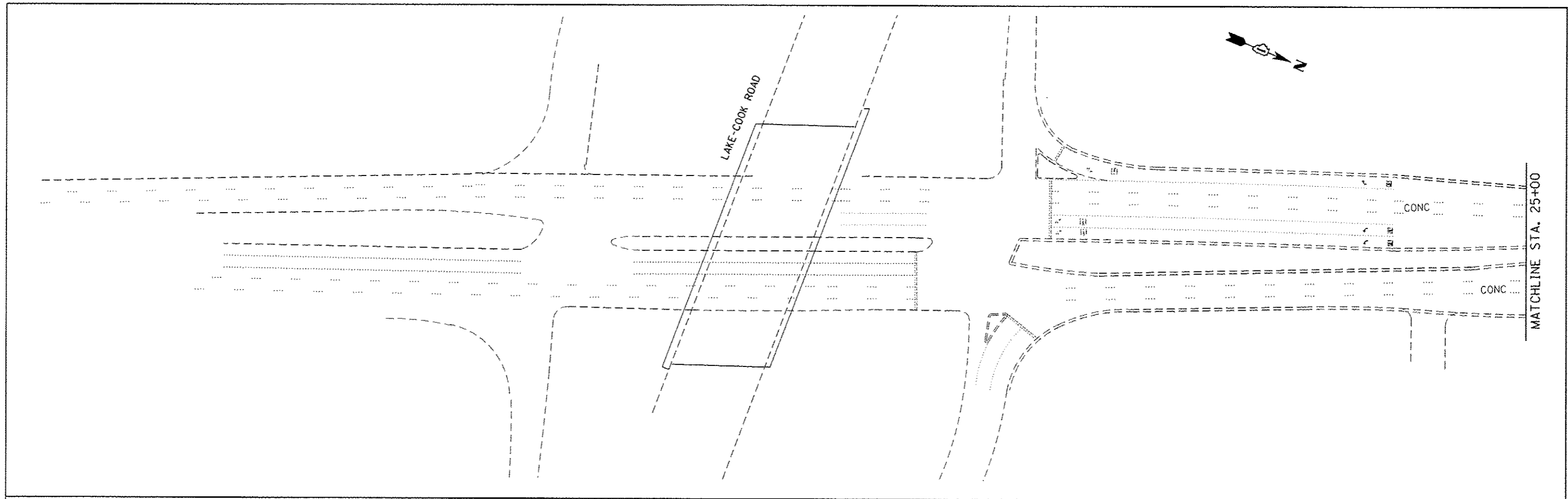


PROPOSED TYPICAL SECTION  
 IL 21 / US 45 (MILWAUKEE AVE)  
 STA 316+13 TO STA 339+49

**NOTE:**  
 CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

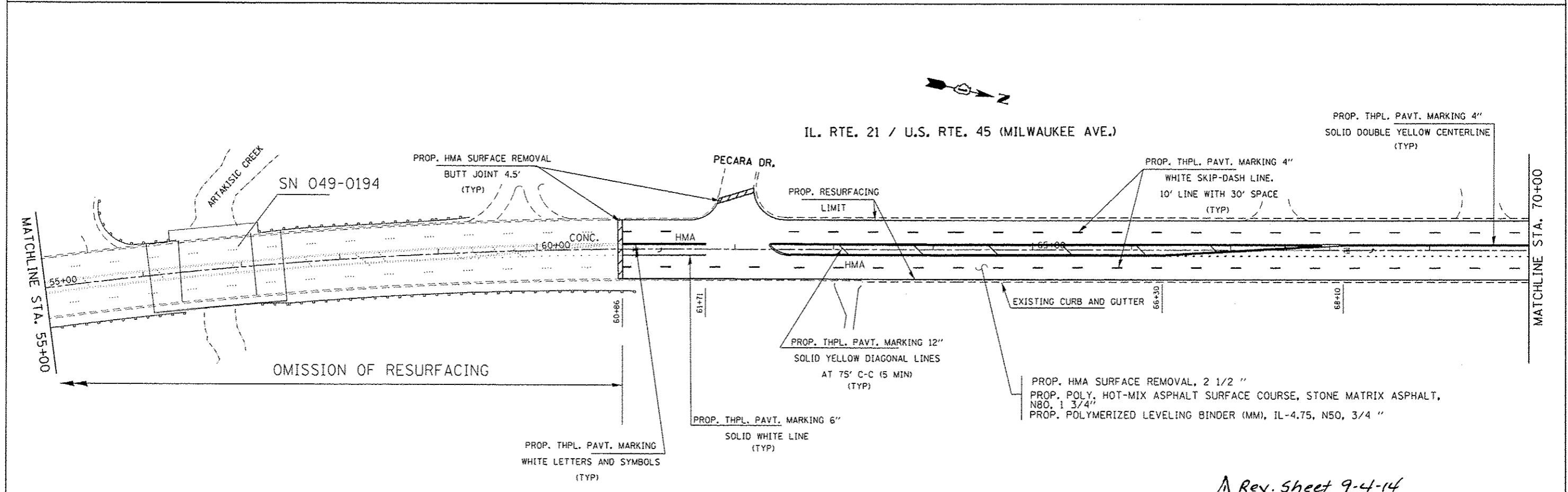
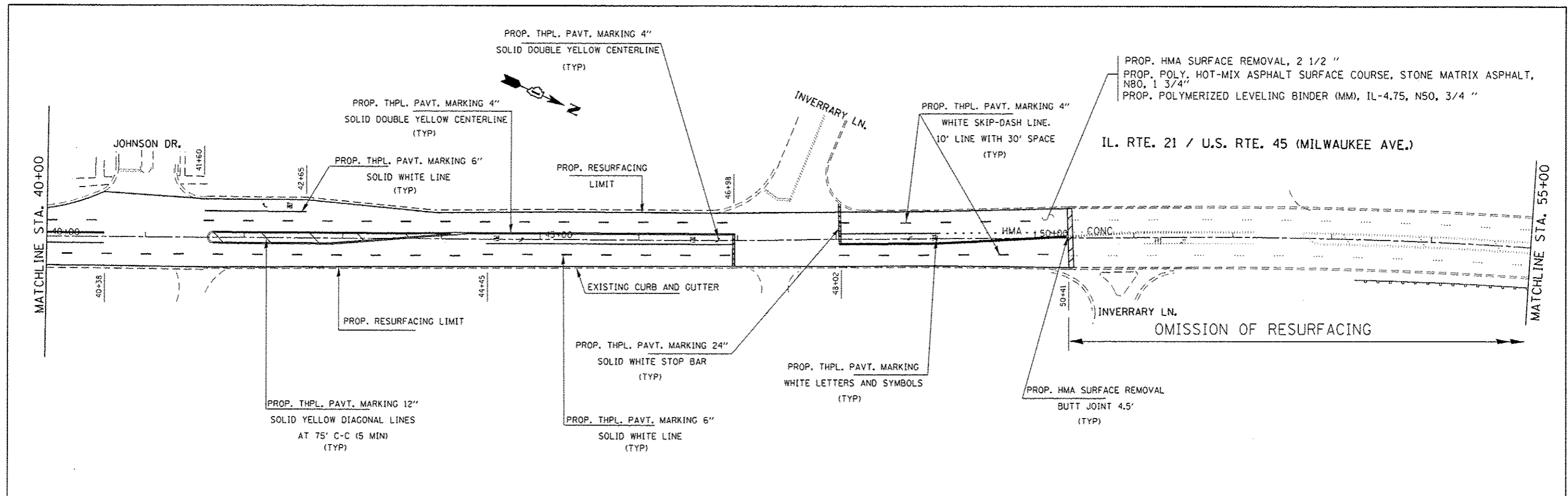
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Rev. Sheet 9-4-14

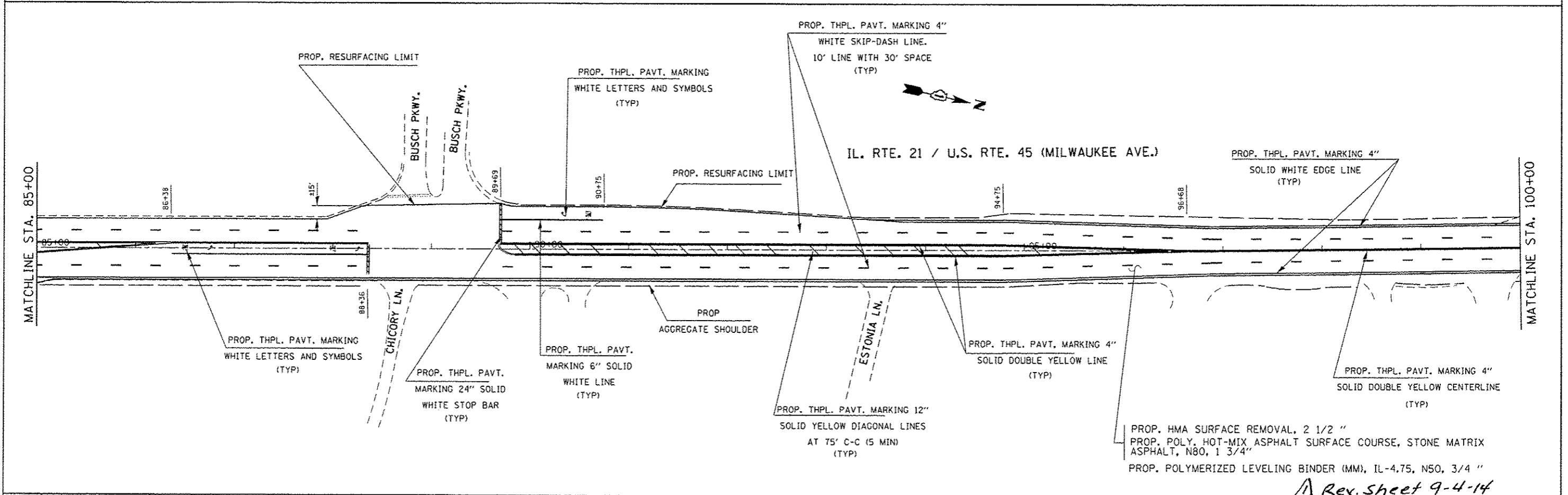
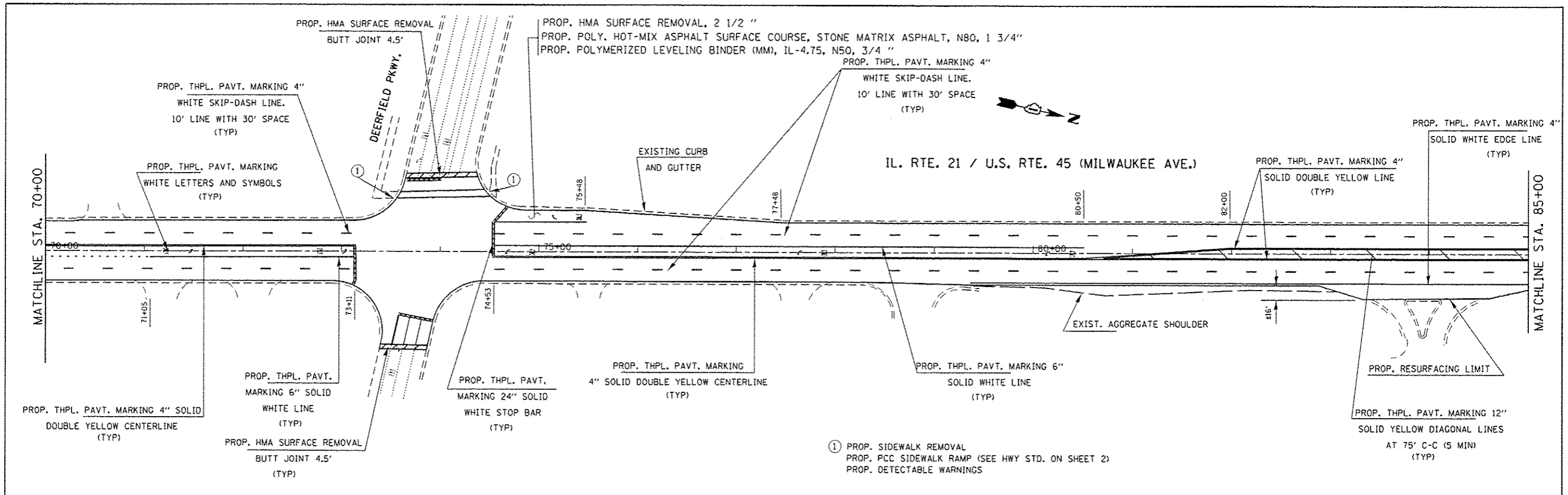
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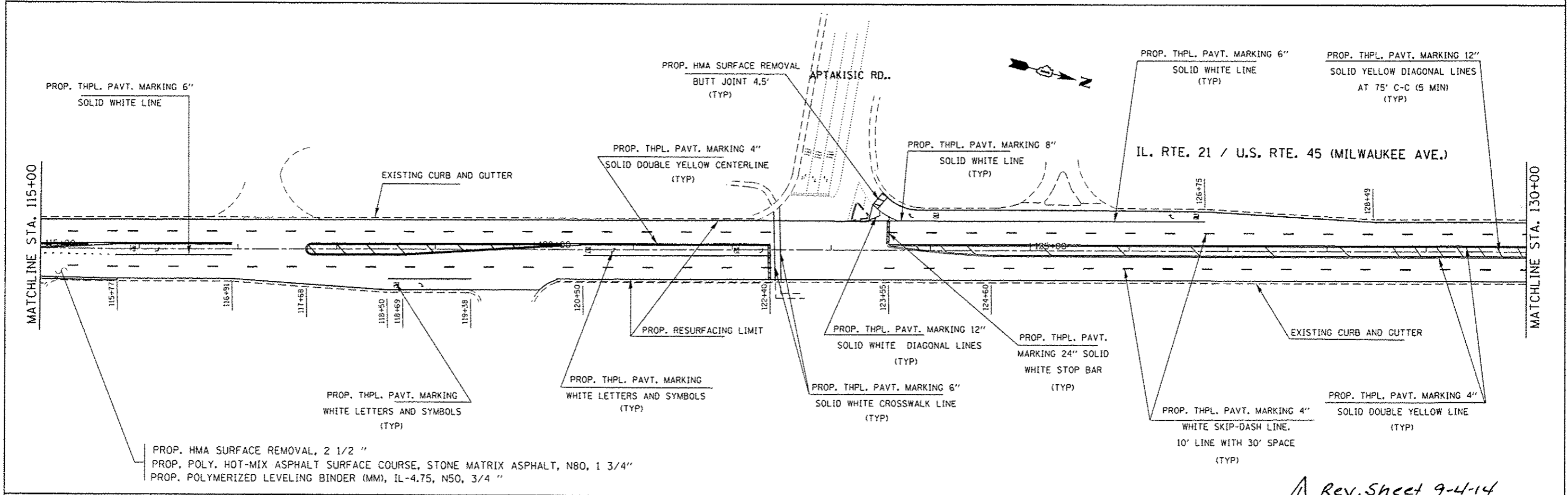
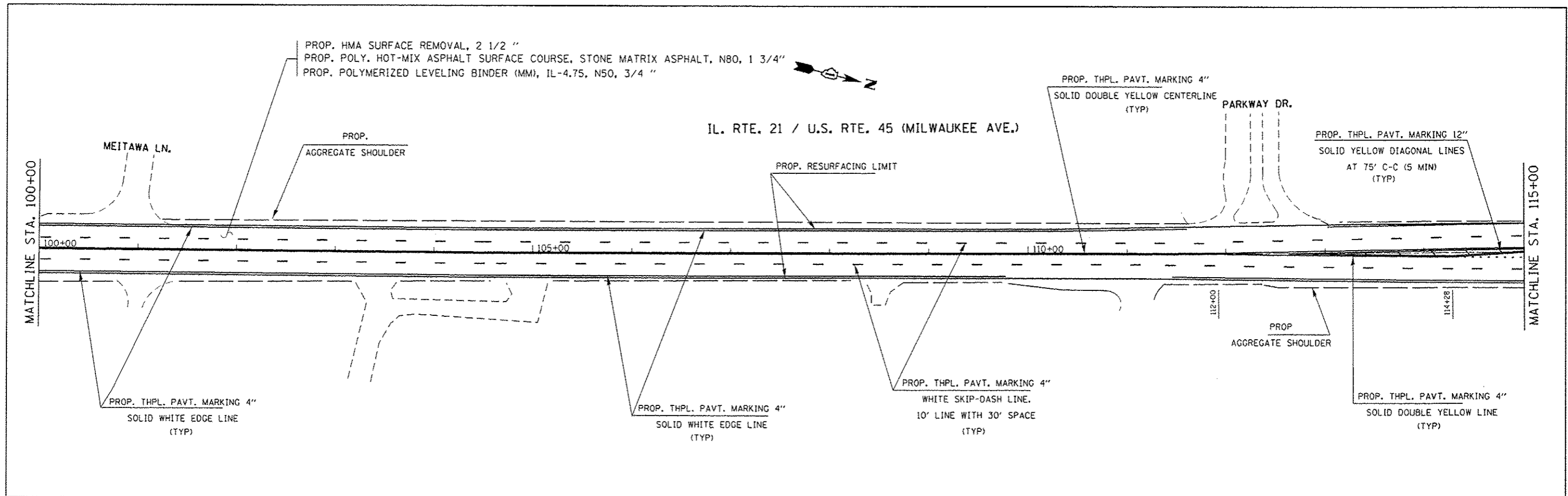
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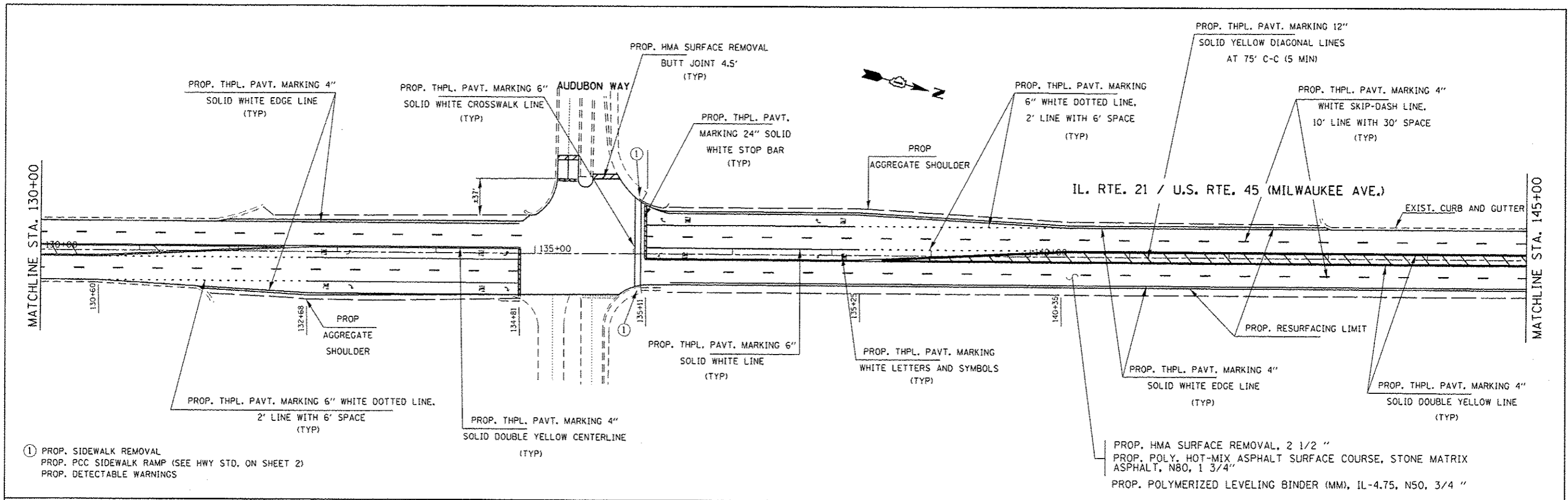
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	PLOT DATE = 8/22/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



FILE NAME =	USER NAME = hardnetbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED ROADWAY PLAN IL. RTE. 21 / U.S. RTE. 45 (MILWAUKEE RD.)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\widot\hardnetbr\0337694\10	51812-sht-plan.dgn	DRAWN -	REVISED -			330	(1&1Y)RS-3	LAKE	60	12	
Default	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 60V03					
	PLOT DATE = 8/22/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

*Rev. Sheet 9-4-14*

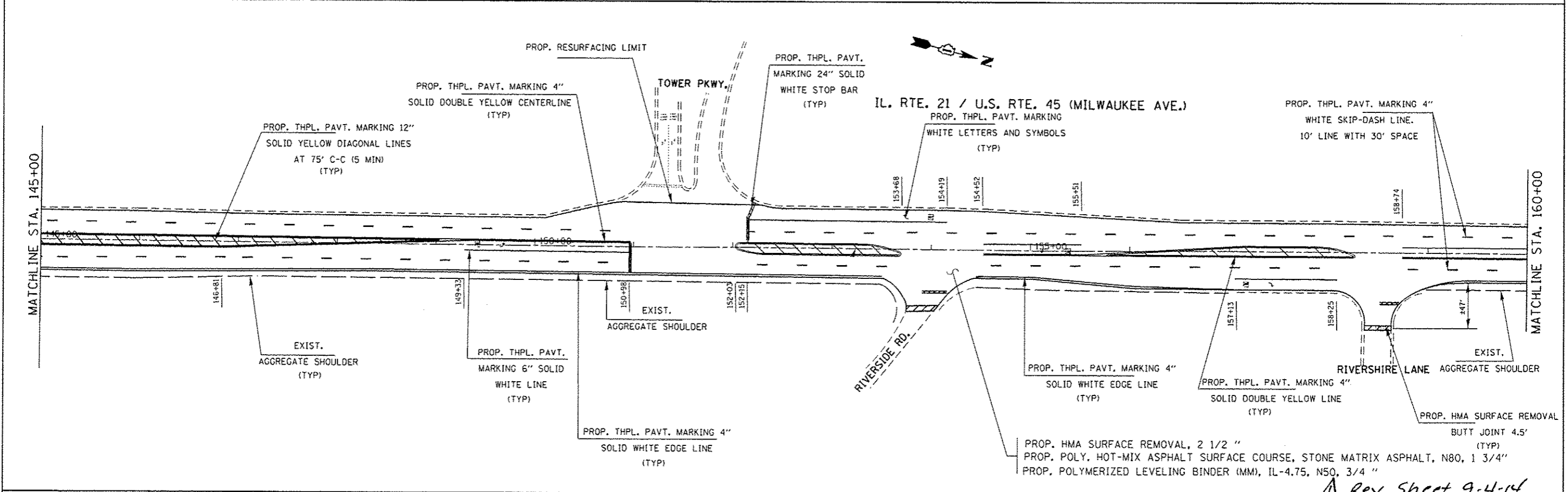


- ① PROP. SIDEWALK REMOVAL
- PROP. PCC SIDEWALK RAMP (SEE HWY STD. ON SHEET 2)
- PROP. DETECTABLE WARNINGS

PROP. HMA SURFACE REMOVAL, 2 1/2 \"

PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 1 3/4 \"

PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4 \"



PROP. HMA SURFACE REMOVAL, 2 1/2 \"

PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 1 3/4 \"

PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4 \"

*Rev. Sheet 9-4-14*

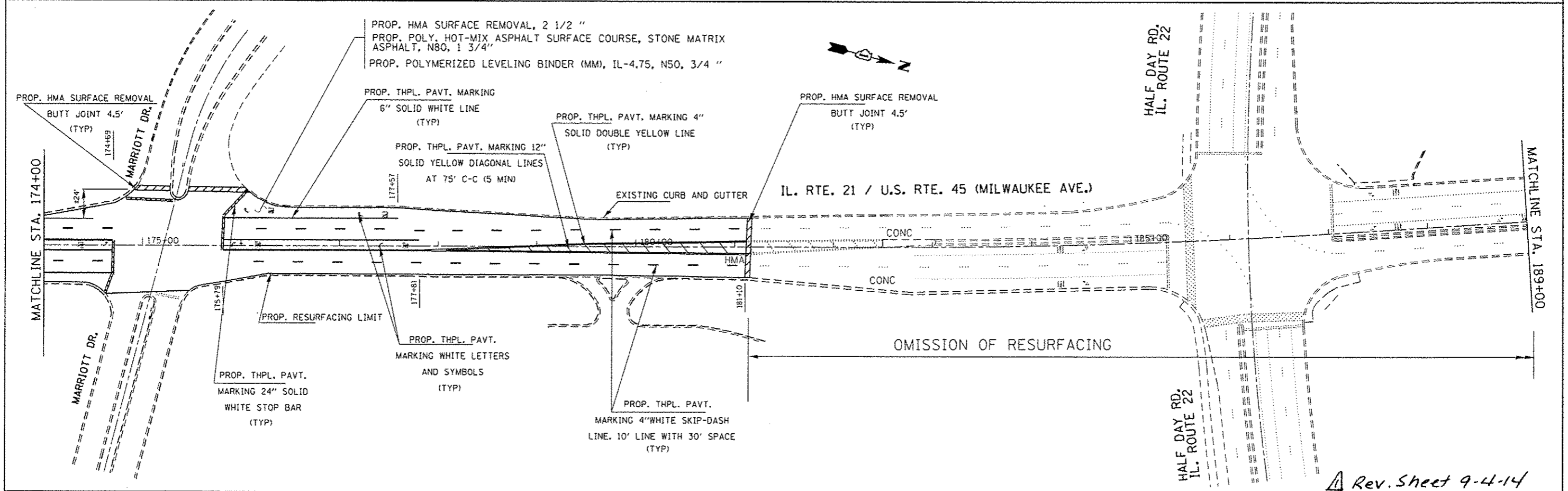
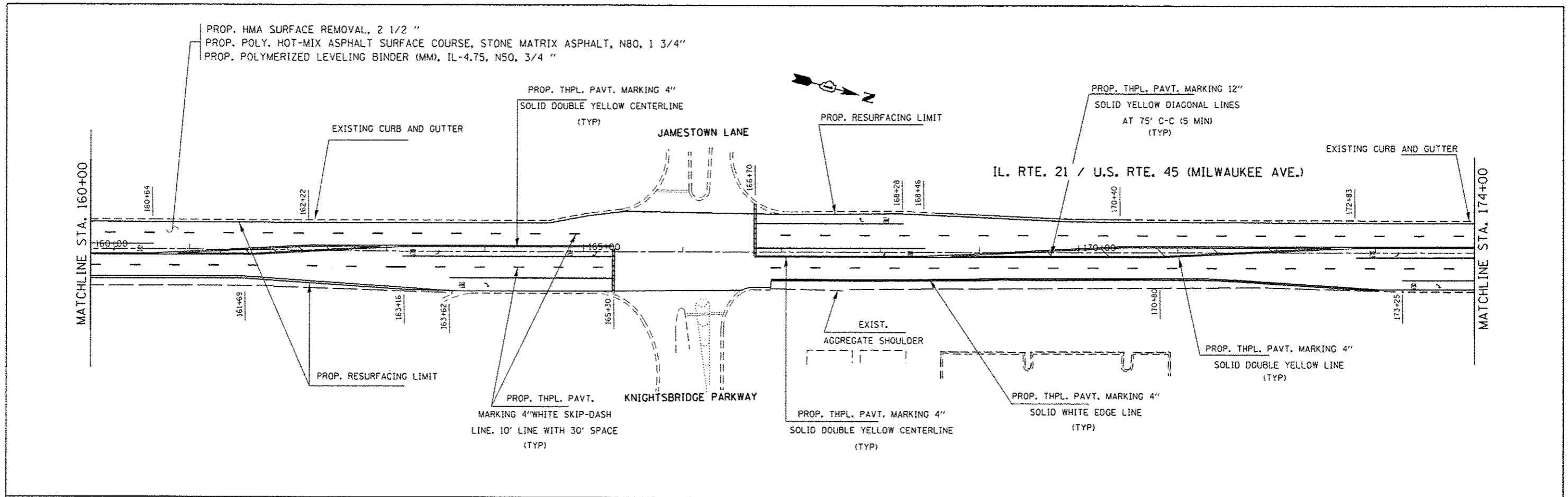
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Default	PLOT SCALE = 100.0000 ' / 1\"	CHECKED -	REVISED -
	PLOT DATE = 8/22/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY PLAN  
IL. RTE. 21 / U.S. RTE. 45 (MILWAUKEE RD.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60V03			ILLINOIS FED. AID PROJECT	

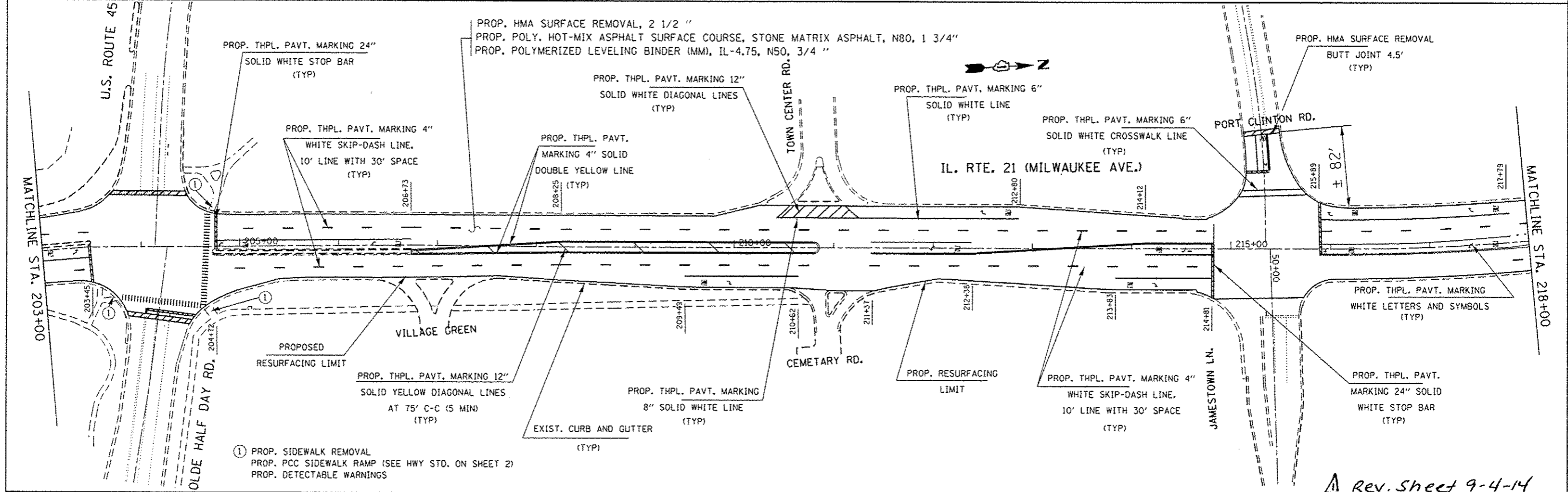
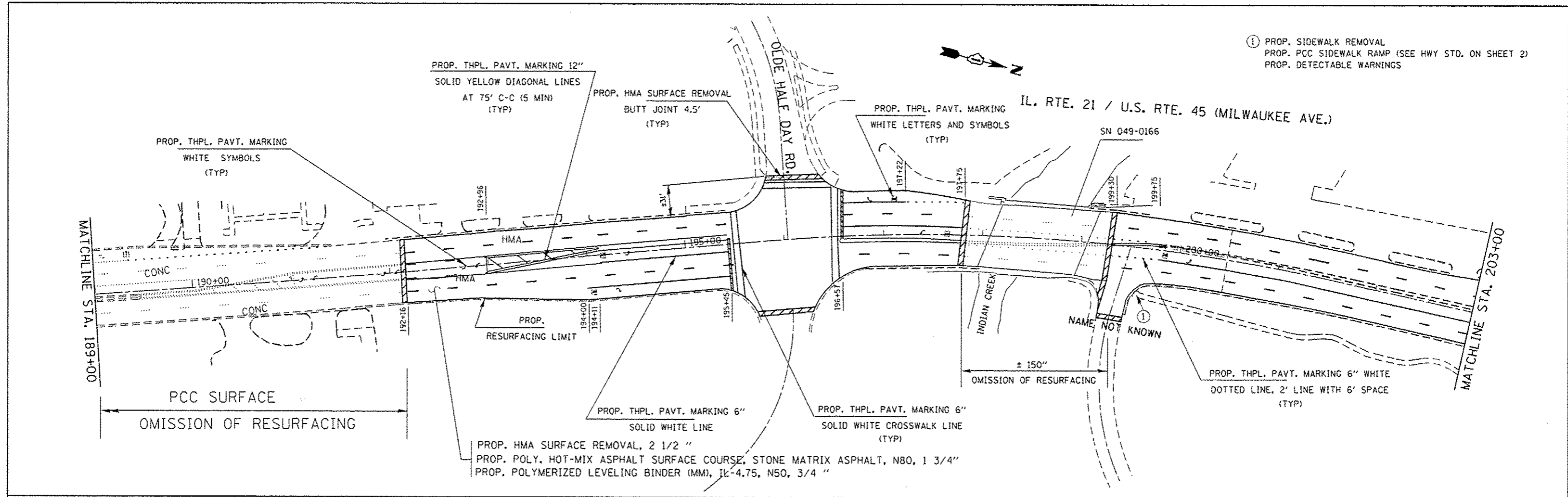
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Rev. Sheet 9-4-14

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	SI012-sh1-plan.dgn	DRAWN -	REVISED -					330	(1&1)RS-3	LAKE	60	14
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	PLOT DATE = 8/22/2014	DATE -	REVISED -								ILLINOIS FED. AID PROJECT	

- ① PROP. SIDEWALK REMOVAL
- PROP. PCC SIDEWALK RAMP (SEE HWY STD. ON SHEET 2)
- PROP. DETECTABLE WARNINGS



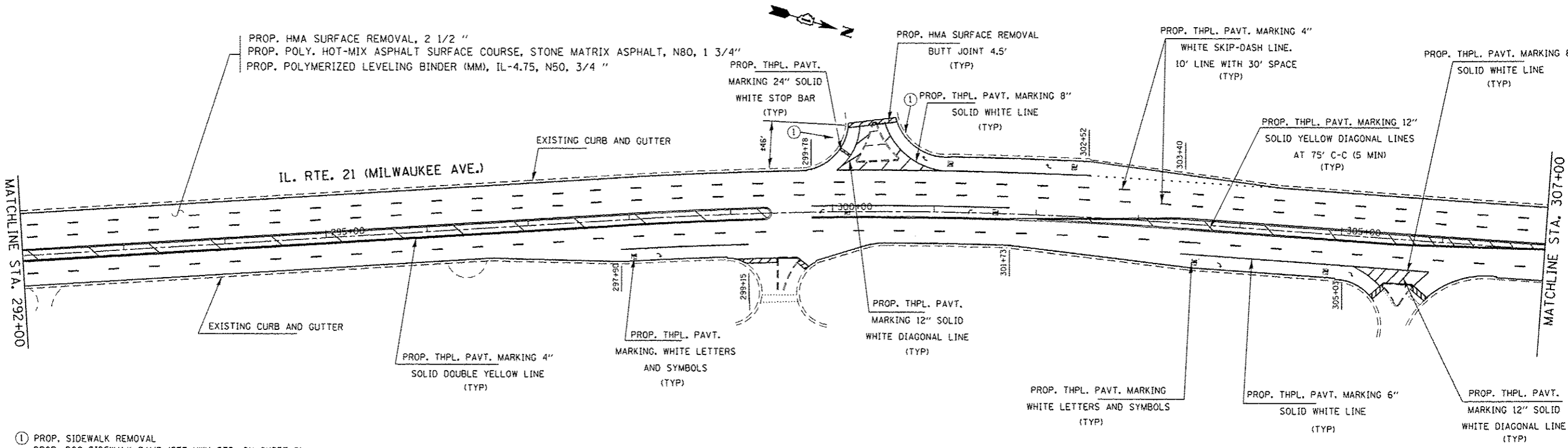
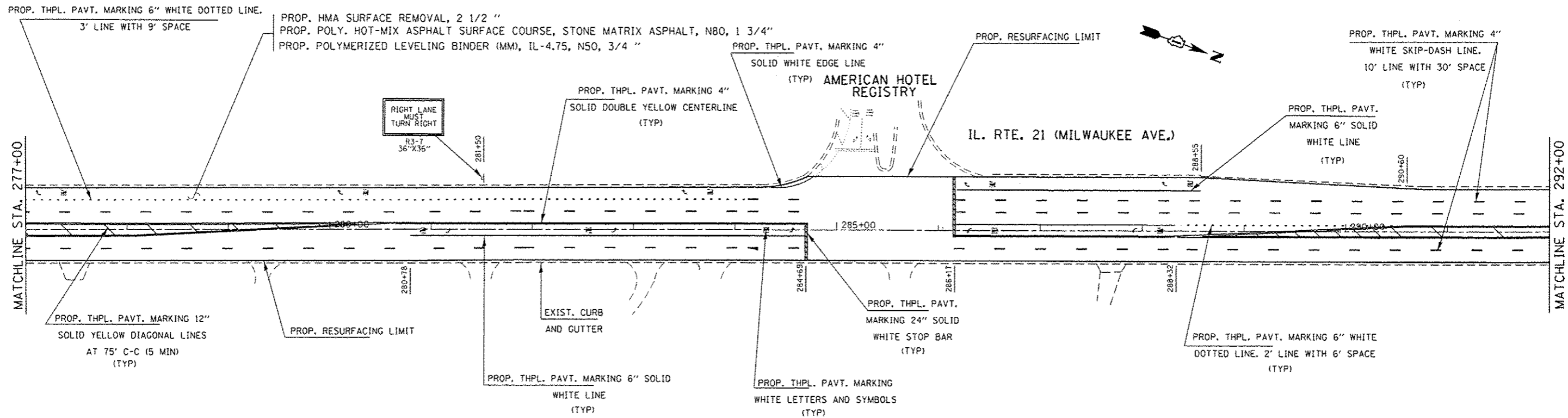
- ① PROP. SIDEWALK REMOVAL
- PROP. PCC SIDEWALK RAMP (SEE HWY STD. ON SHEET 2)
- PROP. DETECTABLE WARNINGS

Rev. Sheet 9-4-14

FILE NAME - c:\p\work\p\dot\hardnettr\08237694\0	USER NAME - hardnettr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ROADWAY PLAN IL. RTE. 21 / U.S. RTE. 45 (MILWAUKEE RD.)	F.A.P. RTE. 330	SECTION 11&1YRS-3	COUNTY LAKE	TOTAL SHEETS 60	SHEET NO. 15
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Default	PLT DATE = 8/22/2014	DATE -	REVISED -							





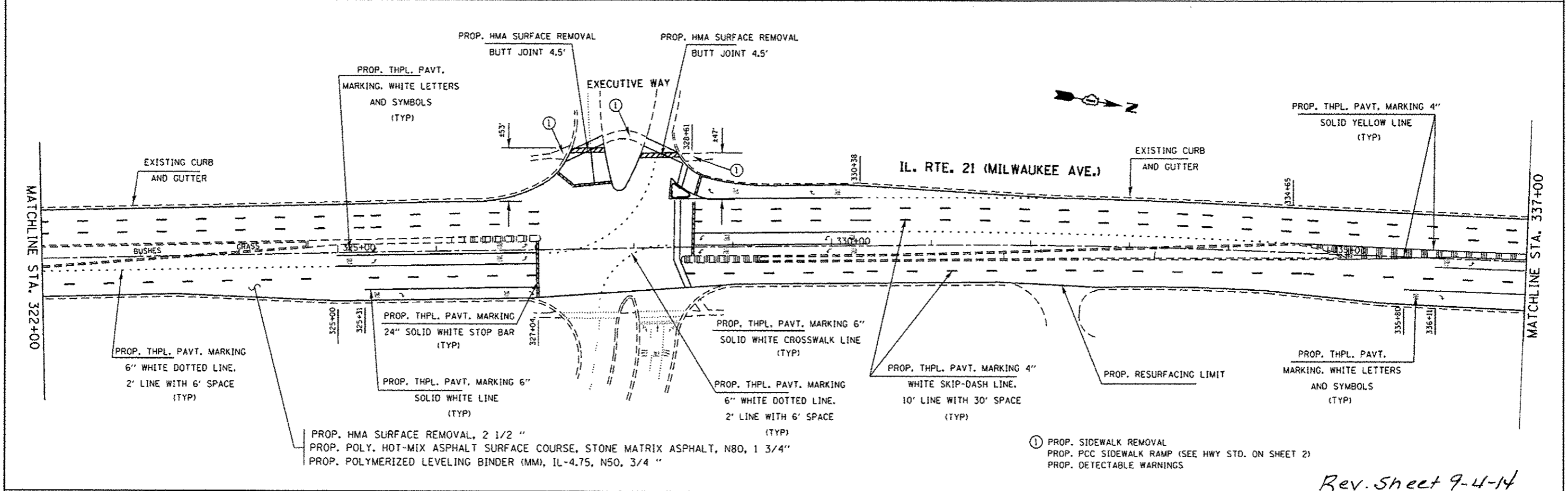
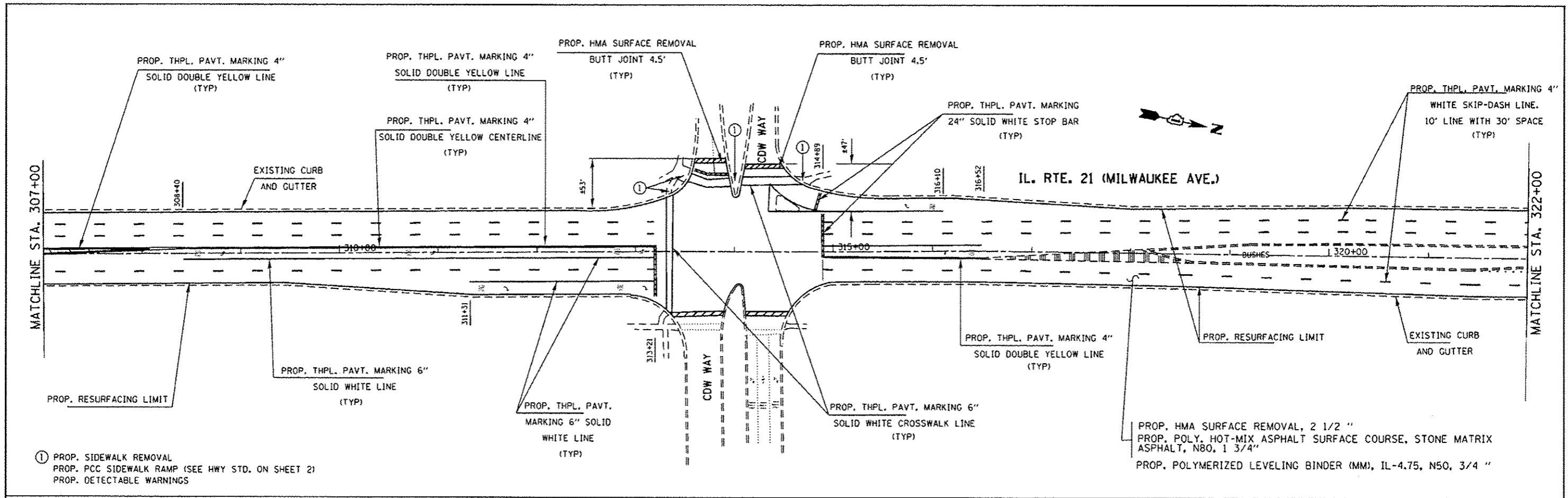


- ① PROP. SIDEWALK REMOVAL
- PROP. PCC SIDEWALK RAMP (SEE HWY STD. ON SHEET 2)
- PROP. DETECTABLE WARNINGS

Rev. Sheet 9-4-14

FILE NAME :	USER NAME : hardnattbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED ROADWAY PLAN IL. RTE. 21 (MILWAUKEE RD.)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pavdot\hardnattbr\08337694\0	51012-sh1-plan.dgn	DRAWN -	REVISED -			330	(1&1YRS-3)	LAKE	60	18	
Default	PLOT SCALE : 100.0000' / in.	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 60V03			
	PLOT DATE : 8/22/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

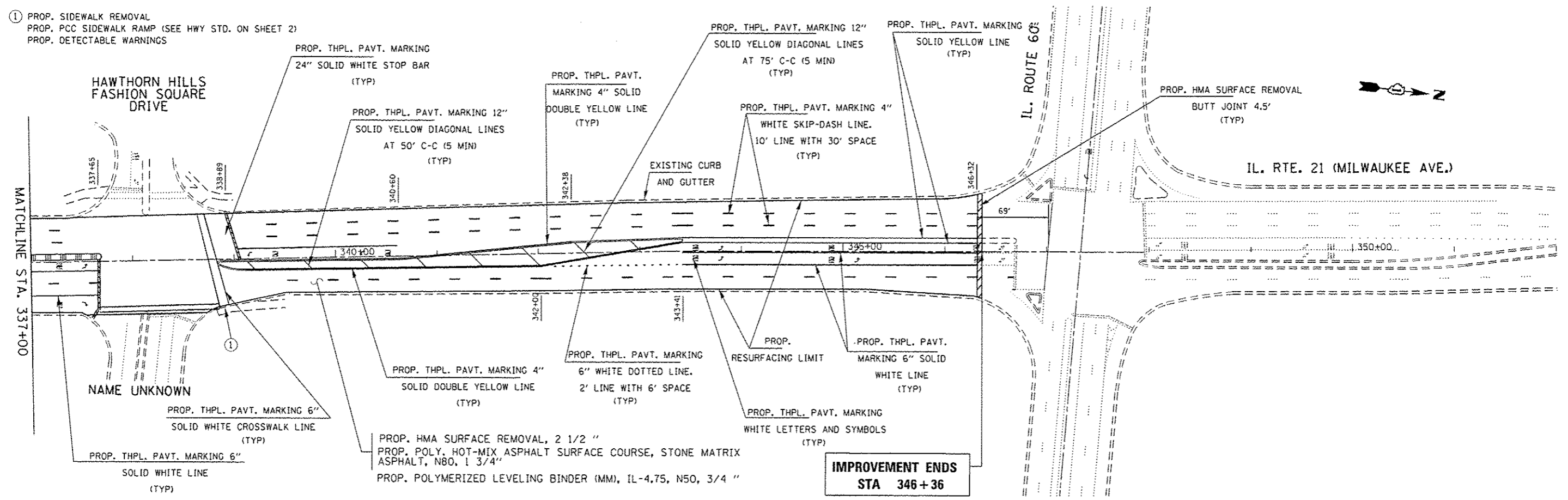




FILE NAME =	USER NAME = hardnetbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED ROADWAY PLAN IL. RTE. 21 (MILWAUKEE RD.)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 8/25/2014	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 60V03			
		DATE -	REVISED -			[ILLINOIS] FED. AID PROJECT					

*Rev. Sheet 9-4-14*

- ① PROP. SIDEWALK REMOVAL
- PROP. PCC SIDEWALK RAMP (SEE HWY STD. ON SHEET 2)
- PROP. DETECTABLE WARNINGS

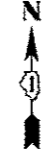


**IMPROVEMENT ENDS**  
STA 346+36

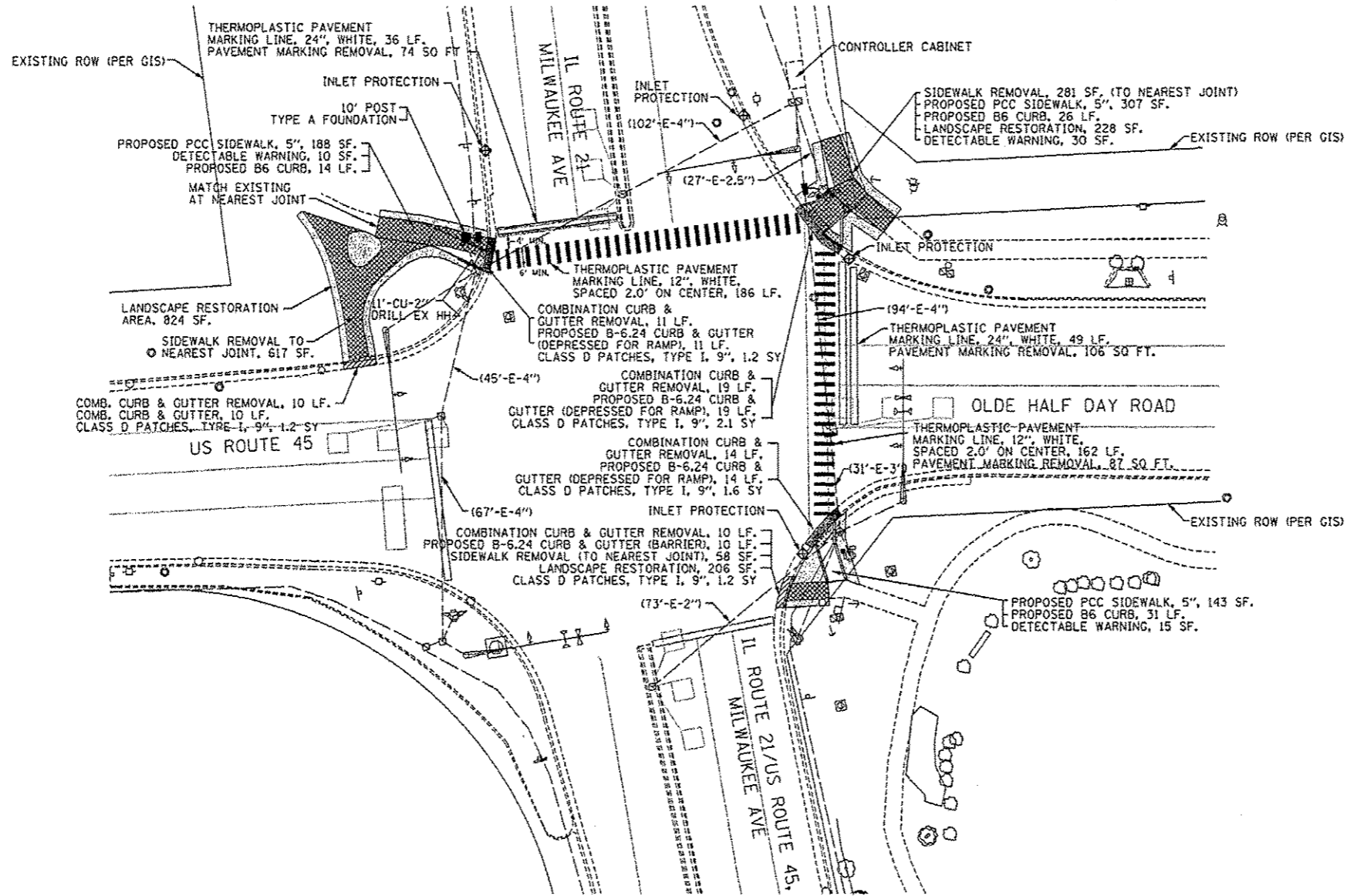
*Rev. Sheet 9-4-14*

FILE NAME =	USER NAME = hardnetbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED ROADWAY PLAN IL. RTE. 21 (MILWAUKEE RD.)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\hardnetbr\0337694\0	01012-shs-plan.dgn	DRAWN -	REVISED -			330	11&1YRS-3	LAKE	60	20	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60V03					
	PLOT DATE = 8/22/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: SHEET OF SHEETS STA. TO STA.



NOTE:  
PEDESTRIAN PUSH BUTTON AND SIGNAGE SHALL BE INSTALLED PER  
STANDARD 816001-03. DETAIL IS INCLUDED.



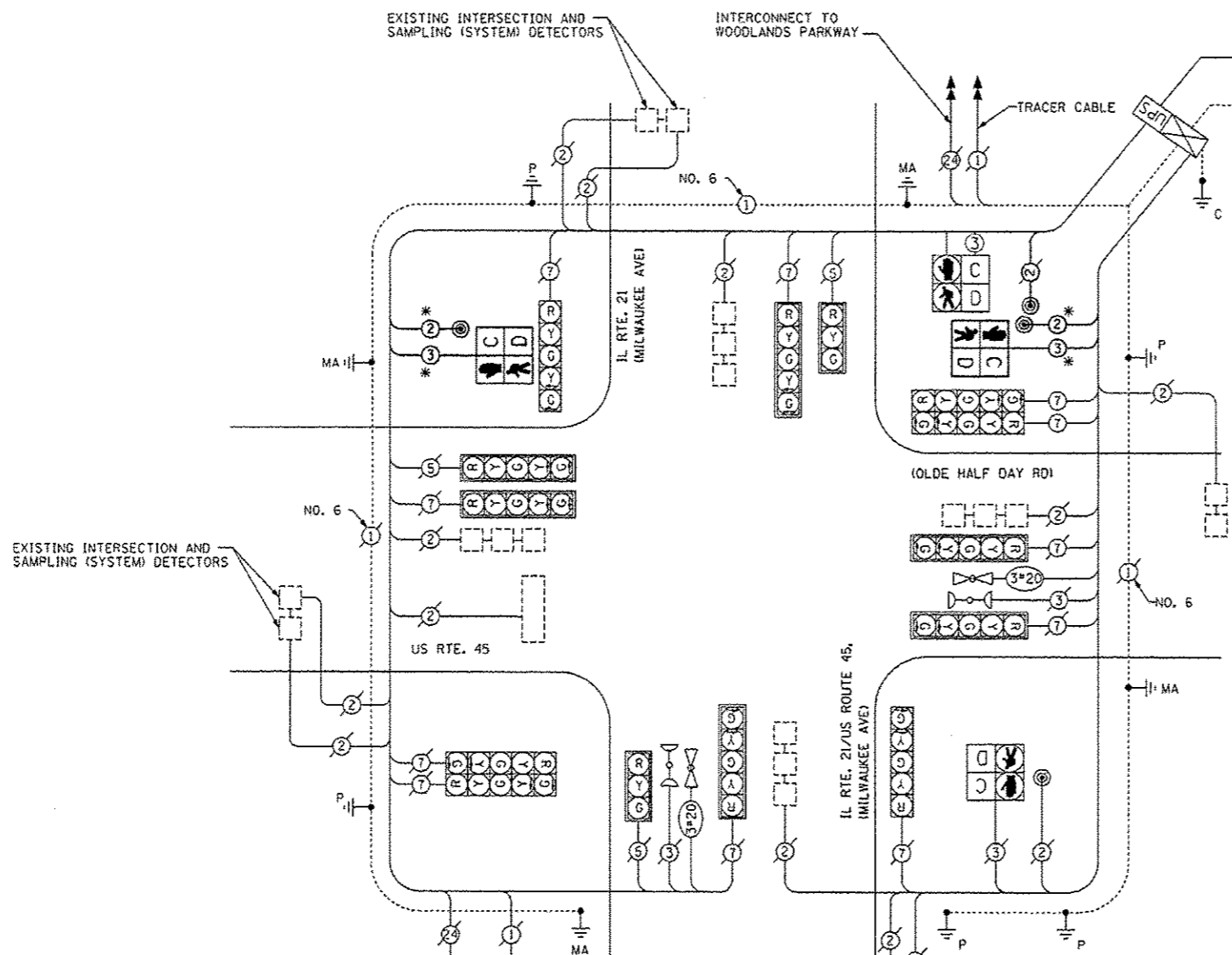
**LEGEND**

- COMBINATION CURB AND GUTTER REMOVAL
- TOPSOIL FURNISH AND PLACE, 6\"/>
- SIDEWALK REMOVAL
- REMOVE AND REPLACE CURB AND GUTTER WITH BARRIER B-6.24
- REMOVE AND REPLACE CURB AND GUTTER WITH DEPRESSED BARRIER B-6.24
- DETECTABLE WARNING
- INLET FILTERS

ITEM	QTY
NITROGEN FERTILIZER NUTRIENT	60X0.02=1.74LB
PHOSPHORUS FERTILIZER NUTRIENT	60X0.02=1.74LB
POTASSIUM FERTILIZER NUTRIENT	60X0.02=1.74LB

TS6595  
*Rev. Sheet 9-4-14*

FILE NAME =	USER NAME = hardnettr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>OLDE HALF DAY RD AT IL RTE 21/US ROUTE 45 (MILWAUKEE AVE) TRAFFIC SIGNAL MODIFICATION PLAN</b>	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\awidot\hardnettr\08337694\0	SIB12-sht-plan.dgn	DRAWN -	REVISED -			330	(1&1)RS-3	LAKE	60	21
Default	PLOT SCALE = 1/8\"/>									
	PLOT DATE = 6/22/2014	DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	



SCHEDULE OF QUANTITIES

ITEM	UNIT	QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	11
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, EQUIP. GROUNDING CONDUCTOR, NO. 6 1C	FOOT	21
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	214
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	228
TRAFFIC SIGNAL POST, 10 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN PUSH-BUTTON	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1

\* THIS PLAN IS FOR INSTALLATION OF PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS ONLY. ALL OTHER EQUIPMENT IS EXISTING.

RIGHT TURN PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	+	PROTECTED PHASE
B	= 4	+	5
D	= 8	+	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	14	-	17	0.50	119.0
(YELLOW)	14	-	25	0.25	87.5
(GREEN)	14	-	15	0.25	52.5
ARROW	22	-	12	0.10	26.4
PED. SIGNAL	4	-	25	1.00	100
CONTROLLER	1	-	100	1.00	100
ILLUM. SIGN	-	-	25	0.05	-
FLASHER	-	-	-	0.50	-
TOTAL					485.4

ENERGY COSTS TO:  
**VILLAGE OF LINCOLNSHIRE**  
 ONE OLDE HALF DAY ROAD  
 LINCOLNSHIRE, IL 60069  
 ENERGY SUPPLY CONTACT: TERRI BLECK  
 PHONE: 847-816-5239  
 COMPANY: COMED

INTERCONNECT TO IL ROUTE 22 (HALF DAY RD)

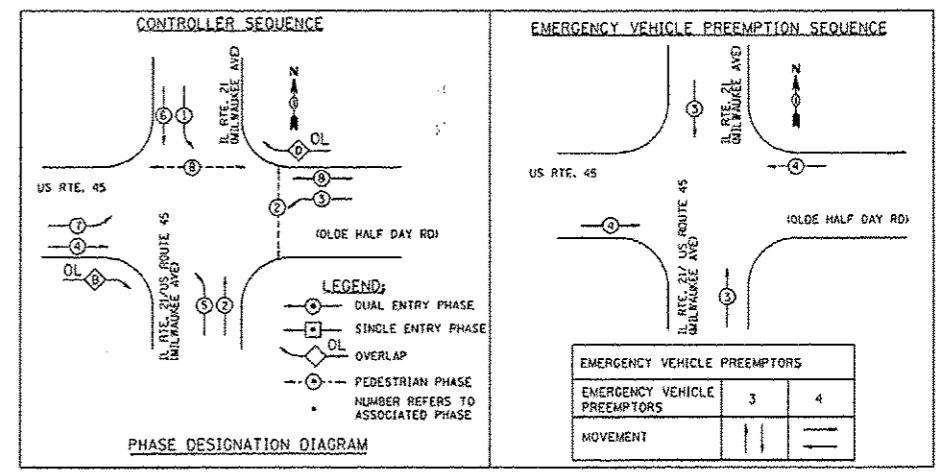
TRACER CABLE

EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

CABLE PLAN  
NOT TO SCALE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

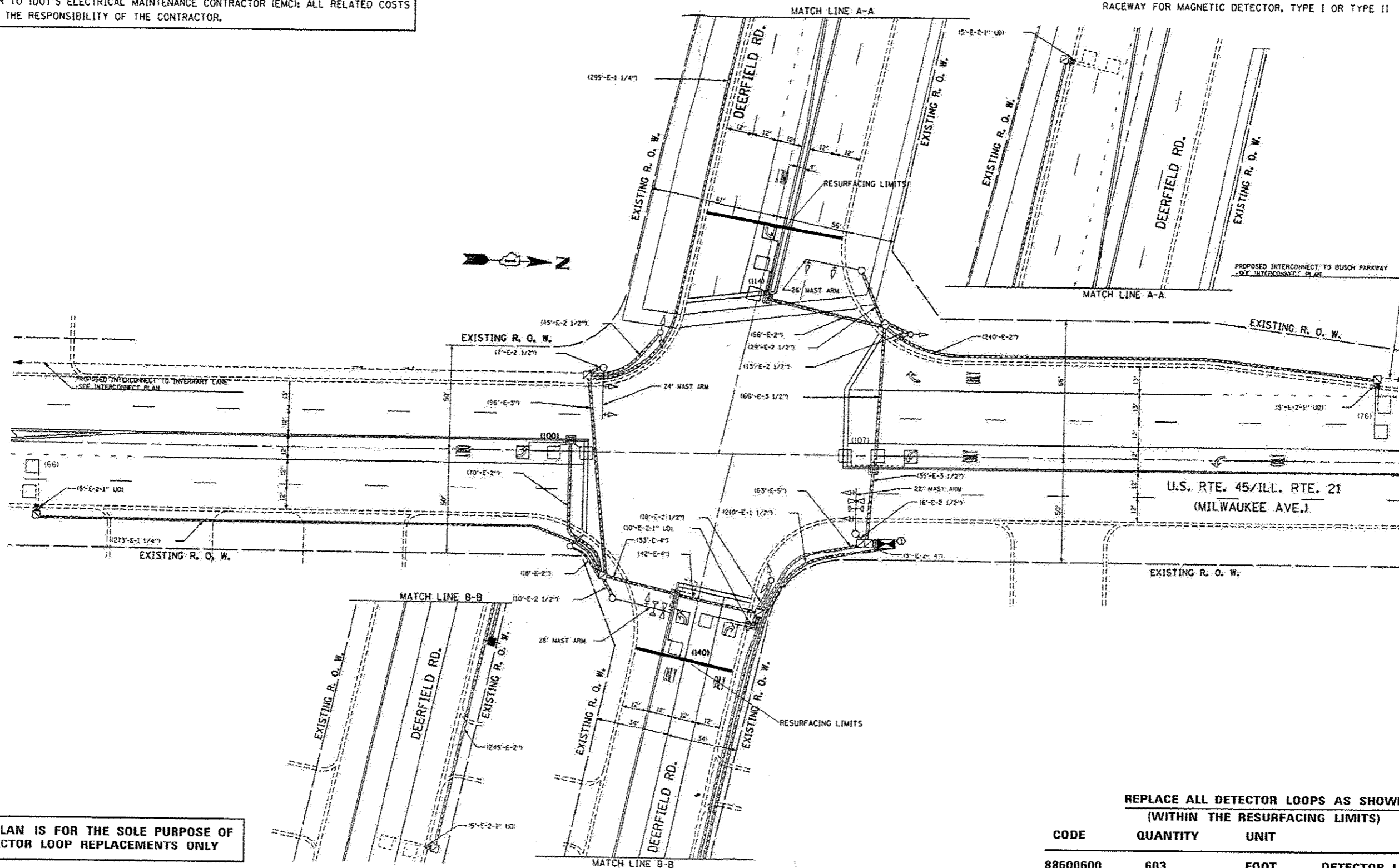
RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY (ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDD IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		



**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
88600600	603	FOOT	DETECTOR LOOP REPLACEMENT

*Rev. Sheet 9-4-14*

FILE NAME =	USER NAME = hrdmstr	DESIGNED -	REVISED -
c:\pwworksp\idot\hrdmstr\10337694.dwg	5/18/12 shi.pj\p.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -
	PLOT DATE = 9/23/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE - DETECTOR LOOP REPLACEMENT  
IL RTE 21 (MILWAUKEE AVE) US RTE 45 AT DEERFIELD RD**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

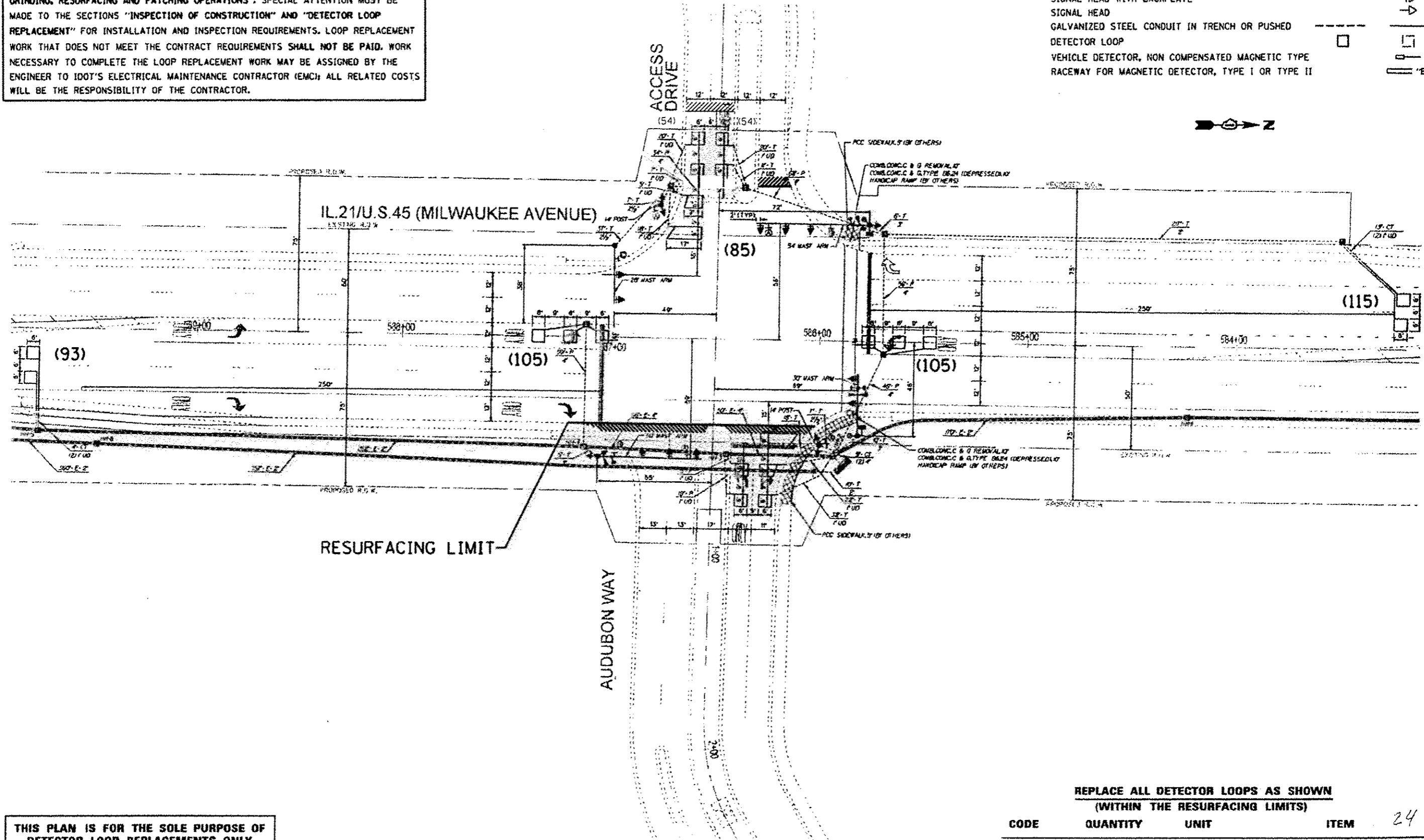
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	11&11RS-3	LAKE	60	25

CONTRACT NO. 60V03  
ILLINOIS FED. AID PROJECT

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		



**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
88600600	608	FOOT	DETECTOR LOOP REPLACEMENT

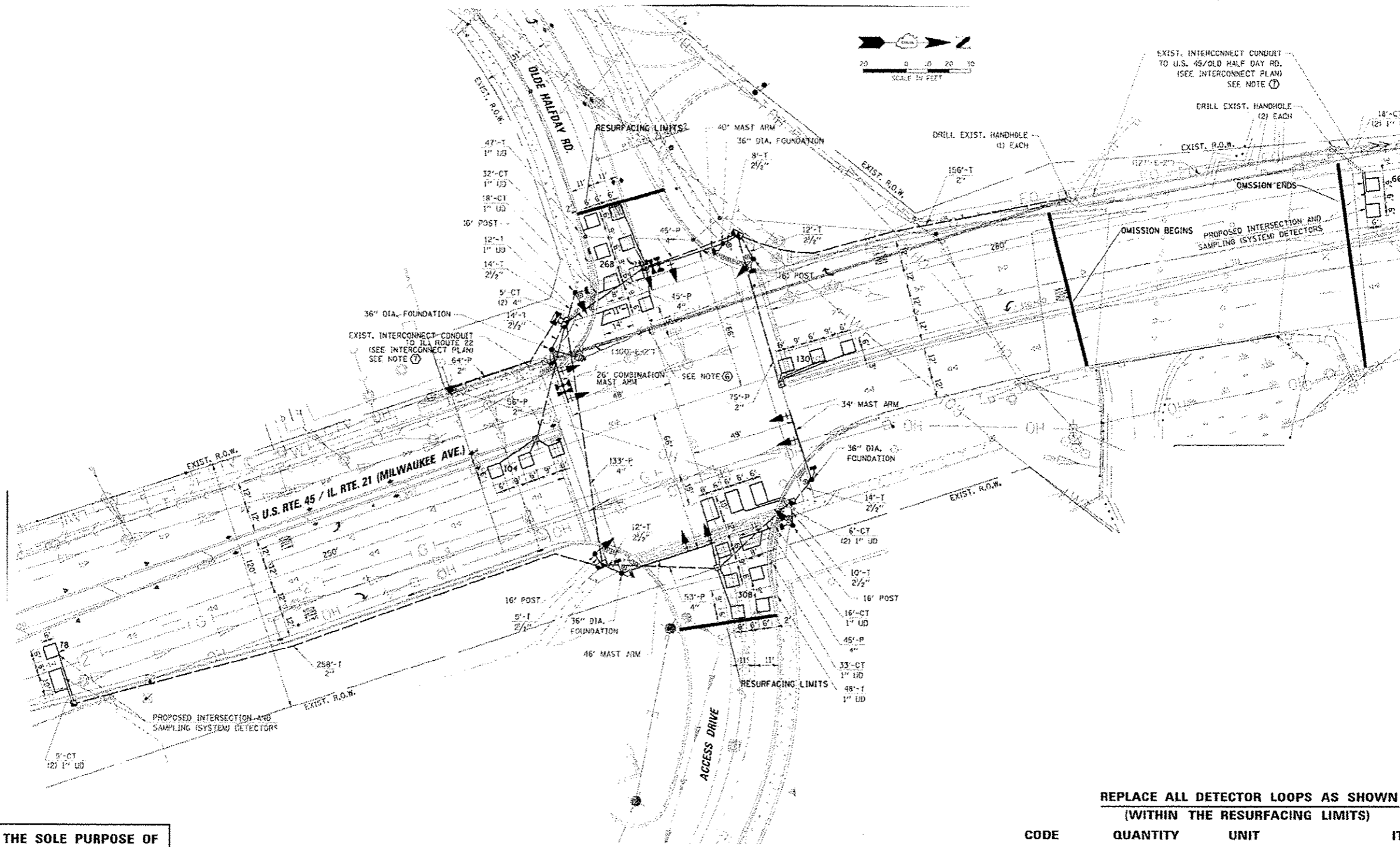
*Rev. Sheet 9-4-14*

FILE NAME =	USER NAME = hardnetbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE - DETECTOR LOOP REPLACEMENT IL RTE 21 (MILWAUKEE AVE)/US RTE 45 AT AUDUBON WAY/PARKWAY DR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\work\p\idot\hardnetbr-va8337644\0	51812-ah1-plan.dgn	DRAWN -	REVISED -			330	(1&1)RS-3	LAKE	60	28	
Default	PLT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 60V03					
	PLT DATE = 8/22/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE	→	→
SIGNAL HEAD	→	→
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED	---	---
DETECTOR LOOP	□	□
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	—	—
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	—	—



**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
88600600	954	FOOT	DETECTOR LOOP REPLACEMENT

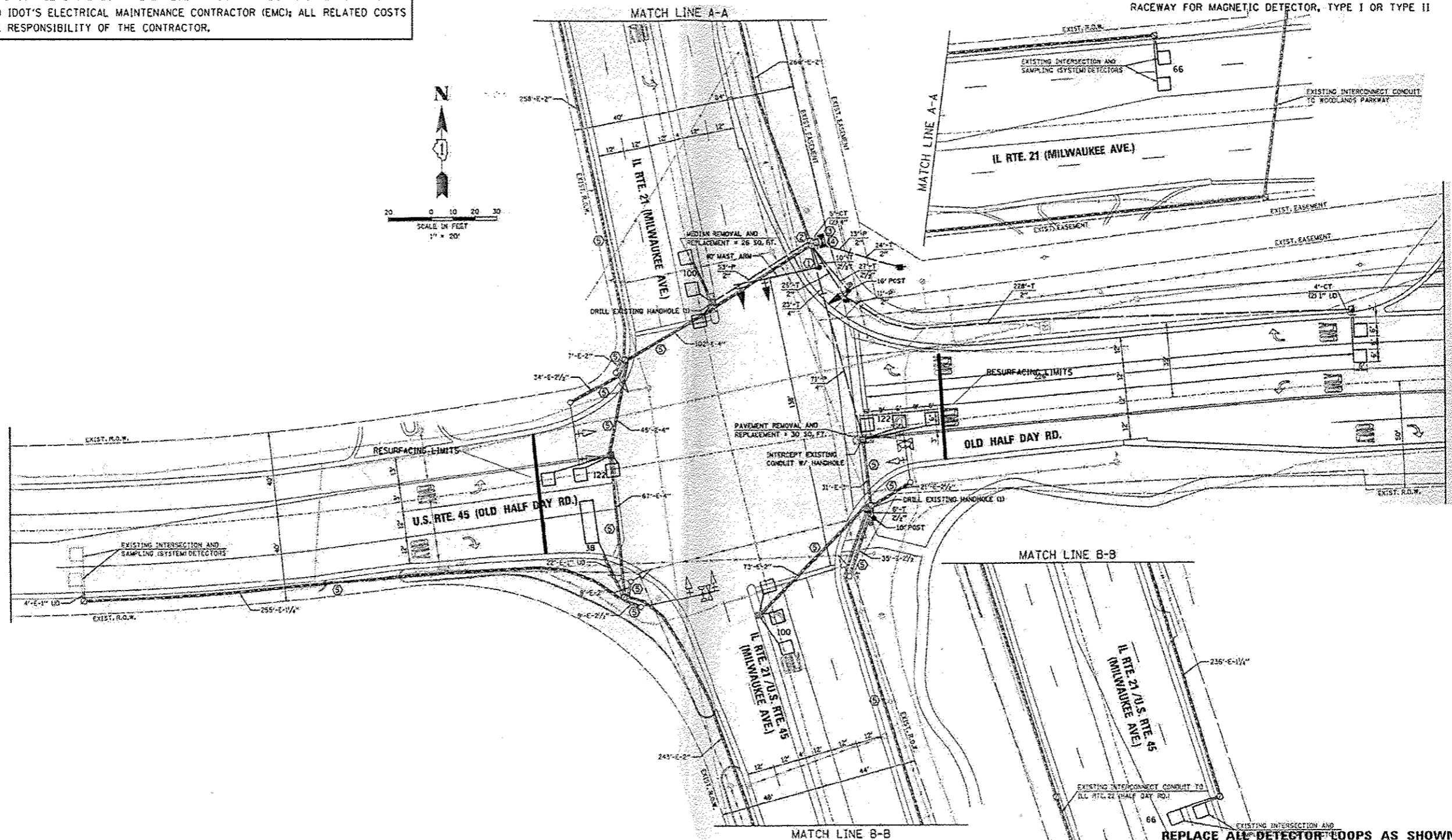
*Rev. Sheet 9-4-14*

FILE NAME *	USER NAME * hardnetlbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE - DETECTOR LOOP REPLACEMENT IL RTE 21 (MILWAUKEE AVE)/US RTE 45 AT OLDE HALF DAY RD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE * 8/29/2014	DATE -	REVISED -			[ILLINOIS] FED. AID PROJECT					

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		



**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
88600600	614	FOOT	DETECTOR LOOP REPLACEMENT

*Rev. Sheet 9-4-14*

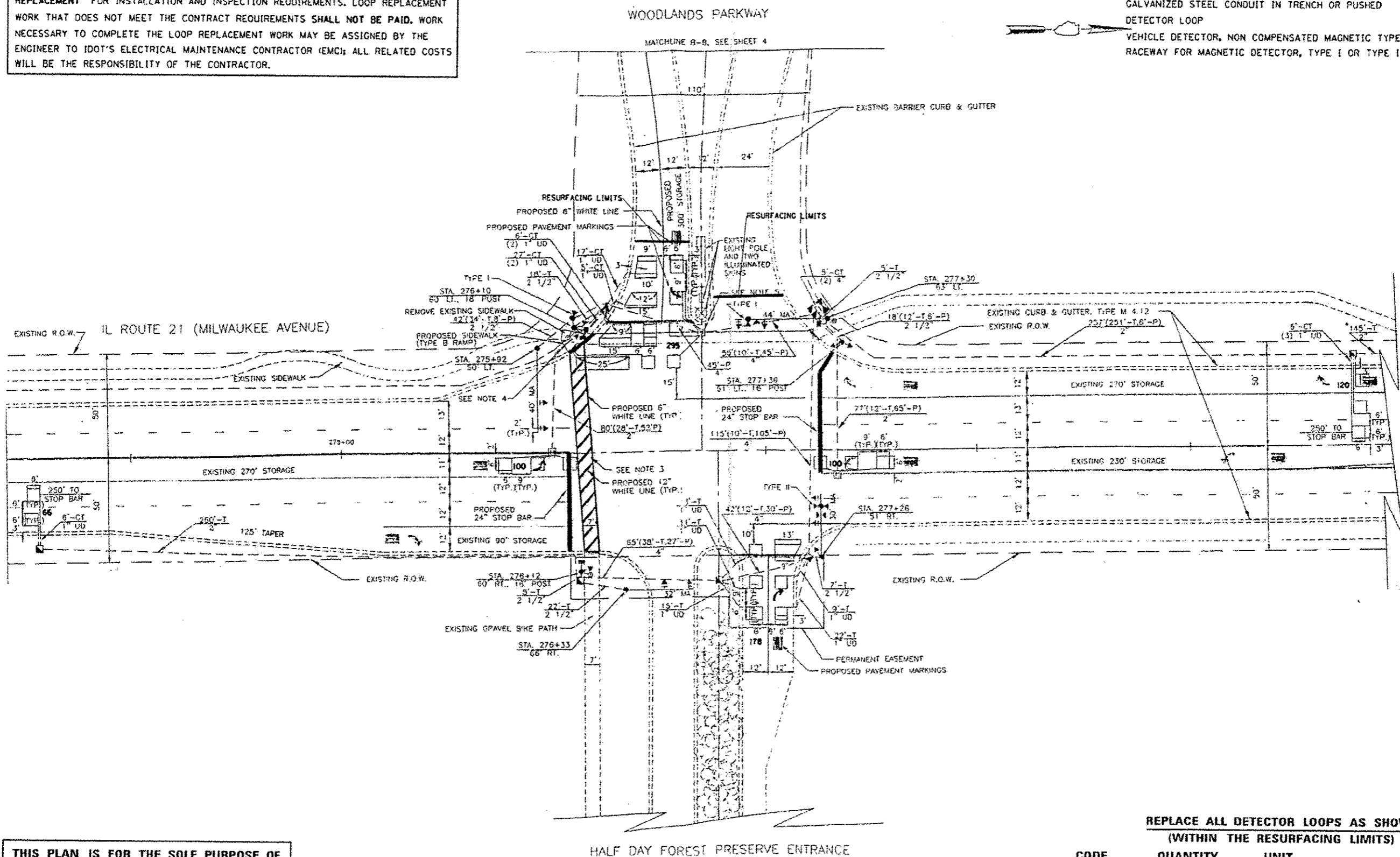
FILE NAME =	USER NAME = hardnestbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE - DETECTOR LOOP REPLACEMENT IL RTE 21 (MILWAUKEE AVE)/US RTE 45 AT US 45/OLDE HALF DAY RD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\p\work\p\idot\hardnestbr\08337694\0	51812-ehc-plan.dgn	DRAWN -	REVISED -			330	1181YRS-3	LAKE	60	33	
Default	PLOT SCALE = 108.0000 1/1 in.	CHECKED -	REVISED -			CONTRACT NO. 60V03					
	PLOT DATE = 9/25/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		



**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
88600600	859	FOOT	DETECTOR LOOP REPLACEMENT

*Rev. Sheet 9-4-14*

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
cd:\pw_work\p1\dot\hardnet\128337694\10	hardnet	-	-
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		-	-
	PLOT SCALE = 1/8" = 1' / 32"	CHECKED :	REVISED :
		-	-
	PLOT DATE = 8/25/2014	DATE :	REVISED :
		-	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE - DETECTOR LOOP REPLACEMENT  
IL RTE 21 (MILWAUKEE AVE) AT WOODLANDS PKWY**

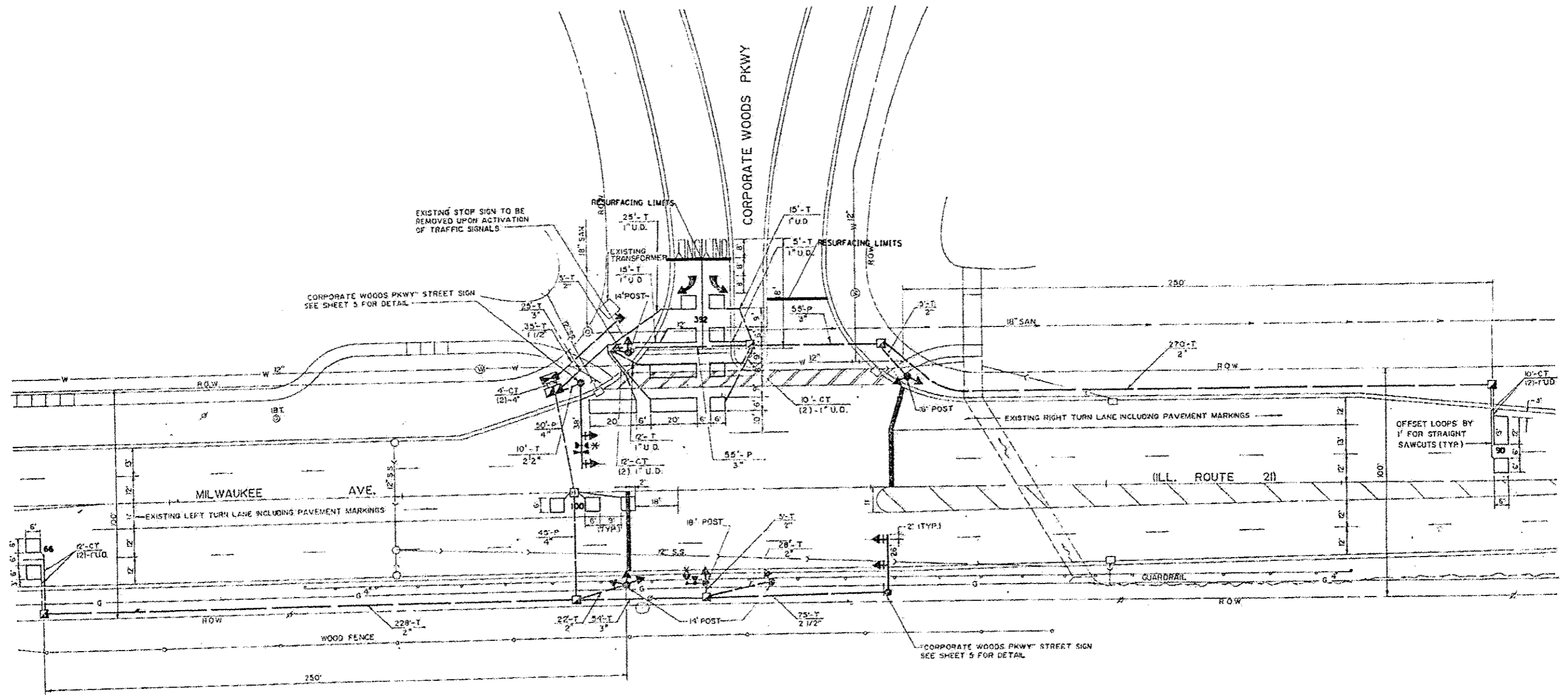
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	11&11RS-3	LAKE	60	35
CONTRACT NO. 60V03			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE	⊕	⊕
SIGNAL HEAD	⊕	⊕
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED	---	---
DETECTOR LOOP	□	□
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		⊕
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		⊕



**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
88600600	648	FOOT	DETECTOR LOOP REPLACEMENT

*Rev. Sheet 9-4-14*

FILE NAME	USER NAME	DESIGNED	REVISED
c:\p\work\p\idot\hardnet\td8337694\0	hardnet	-	-
	51012-shr-plan.dgn	DRAWN -	REVISED -
	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -
	PLOT DATE = 8/25/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE - DETECTOR LOOP REPLACEMENT  
IL RTE 21 (MILWAUKEE AVE) AT CORPORATE WOODS PKWY**

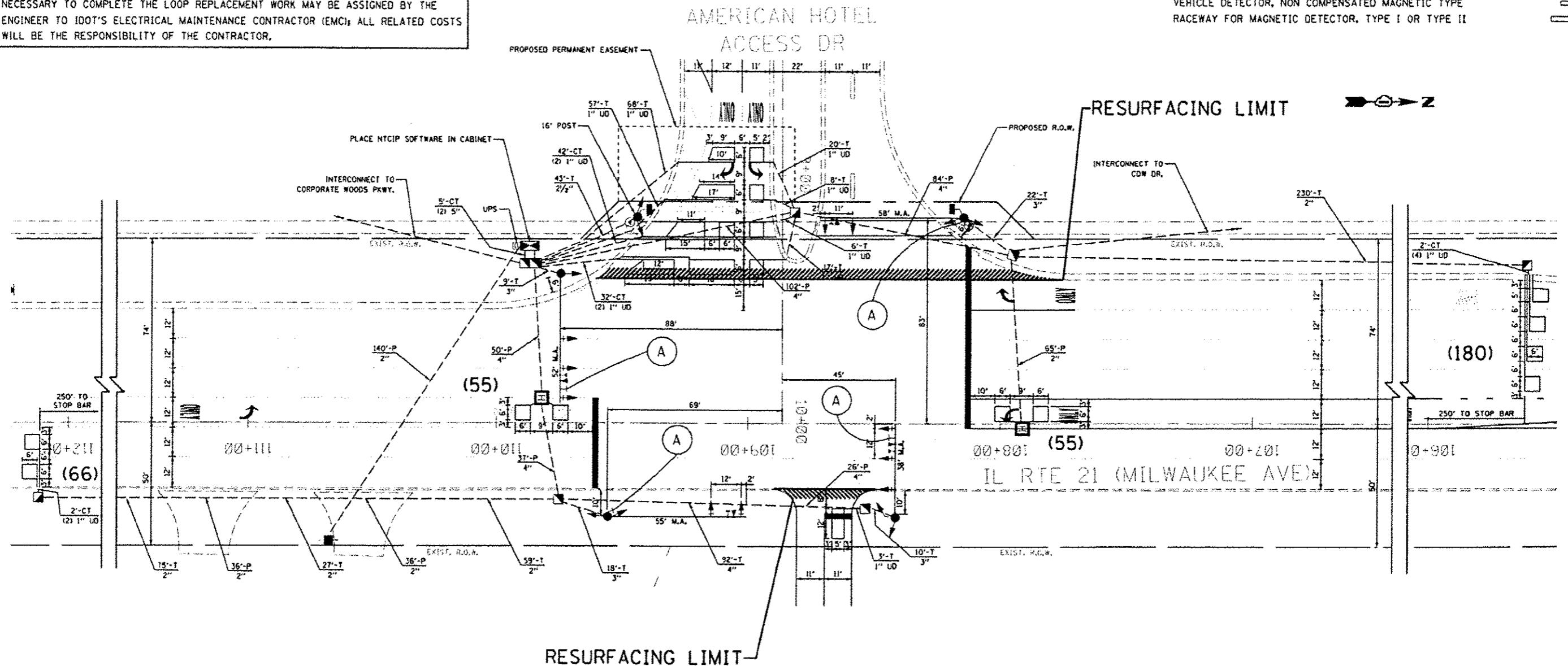
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(1&1)RS-3	LAKE	60	36
CONTRACT NO. 60V03				
ILLINOIS FED. AID PROJECT				

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		



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

(A) - LEFT ON GREEN ARROW ONLY  
R10-5 SIGN  
24"X30"  
(4 EACH)

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

CODE	QUANTITY	UNIT	ITEM
88600600	356	FOOT	DETECTOR LOOP REPLACEMENT

*Rev. Sheet 9-4-14*

FILE NAME =	USER NAME = hardnestbr	DESIGNED -	REVISED -
ci:\p\work\p\vidot\hardnestbr\08337694\10	51012-shr-pln.dgn	DRAWN -	REVISED -
Defaults	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -
	PLOT DATE = 8/25/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE - DETECTOR LOOP REPLACEMENT  
IL RTE 21 (MILWAUKEE AVE) AT AMERICAN HOTEL ACCESS DR**

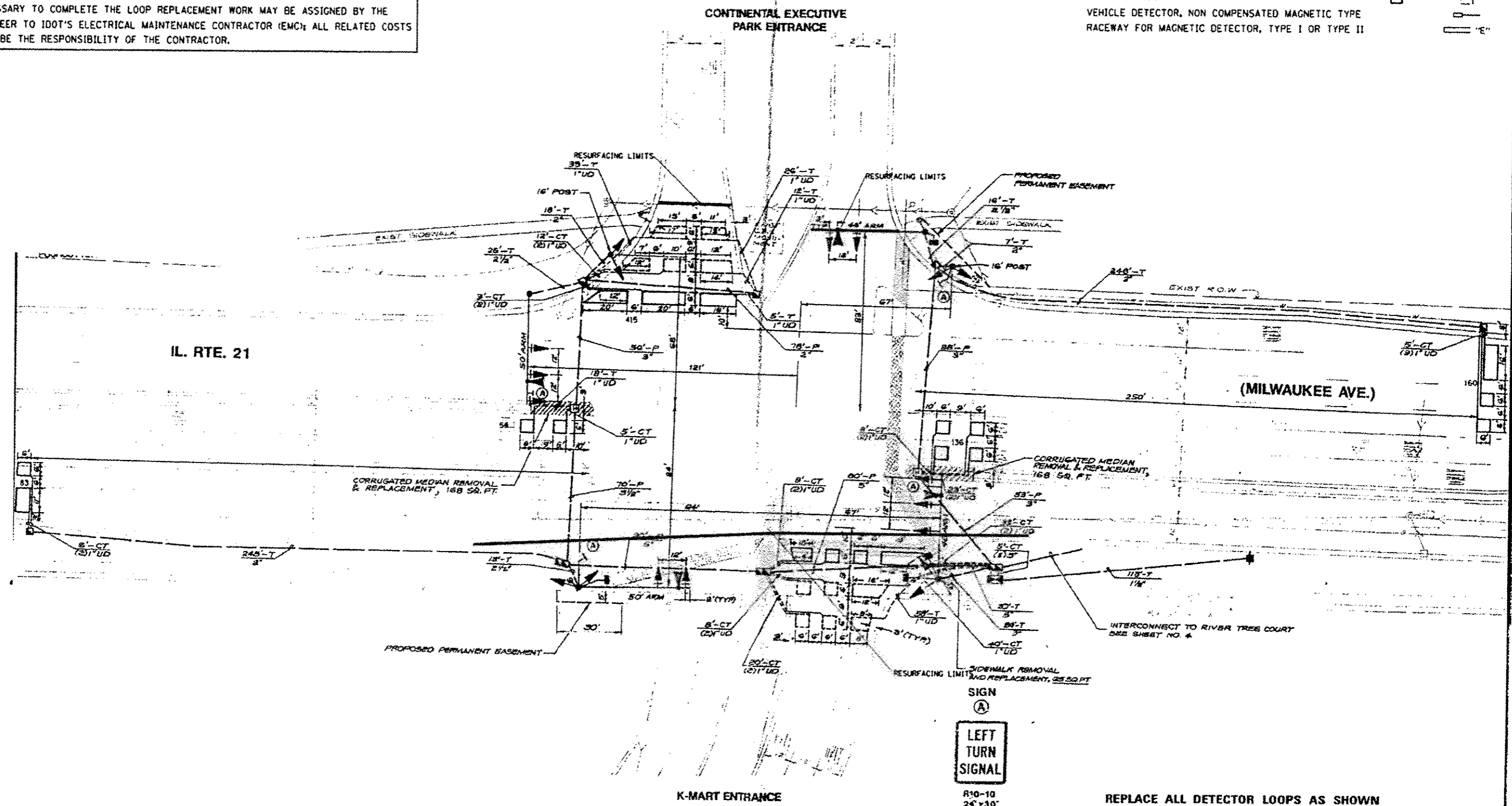
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(1&1)RS-3	LAKE	60	37
CONTRACT NO. 60V03				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		



**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
88600600	848	FOOT	DETECTOR LOOP REPLACEMENT

*Rev. Sheet 9-4-14*

FILE NAME: c:\pwwork\pawdot\hardnet\br\06337694\0	USER NAME: hardnet\br	DESIGNED: -	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE - DETECTOR LOOP REPLACEMENT IL RTE 21 (MILWAUKEE AVE) AT EXECUTIVE WAY</b>	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:	
Default	5:012-ahp-plan.dgn	DRAWN: -	REVISED: -			330	0&1VRS-3	LAKE	60	39	
	PLOT SCALE: 1/8"=1'-0"	CHECKED: -	REVISED: -			CONTRACT NO. 60V03					
	PLOT DATE: 8/25/2014	DATE: -	REVISED: -			ILLINOIS FED. AID PROJECT					

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.