09-19-14 LETTING ITEM 014

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

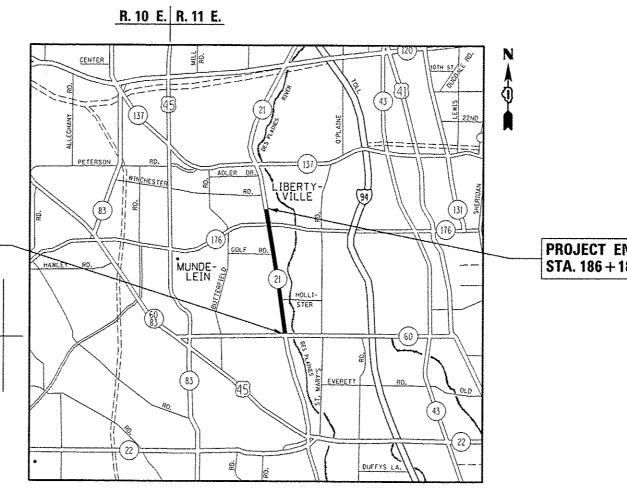
THE IMPROVEMENT IS LOCATED IN THE VILLAGES OF LIBERTYVILLE AND VERNON HILLS

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 330: IL 21 (MILWAUKEE AVE.) CHURCH ST. TO IL 60 (TOWNLINE RD.) **SECTION: (2&2A)RS-10** RESURFACING, NEW MEDIAN

LAKE COUNTY

C-91-043-14



D-91-043-14

SECTION

(28.2A)RS-10

LAKE

ILLINOIS CONTRACT NO. 60X23

42 1



PROJECT ENDS STA. 186 + 18.4

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS OTHER COST OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

TRAFFIC DATA

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ADT (2013) = 28,700

POSTED SPEED LIMIT = 25-40 MPH

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.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

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

CONTRACT NO. 60X23

STA. 17 + 00

PROJECT BEGINS

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LIBERTYVILLE TOWNSHIP

GROSS & NET LENGTH = 16918.4 FT. = 3.204 MILES

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39.	ARTERIAL ROAD INFORMATION SIGNING (TC-22)										
40.	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS (TC-23)										
41.	DRIVEWAY ENTRANCE SIGNING (TC-26)										
42.	DISTRICT ONE - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)										

STATE STANDARDS

TANDARD NO	DESCRIPTION
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-02	DEPRESSED CORNER FOR SIDEWALKS
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, 15' TO 24" FROM PAVEMENT EDGE
701427-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER, FOR SPEEDS & 40 MPH
701601-09	URBAN LANE CLSOURE, MULTILANE, IW OR 2W WITH NONTRAVERSABLE 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
LANDSC	APING GENERAL NOTES:

HYDOGAFIIYO GEHYENAL IYOTEO;

1. PLANTING MIXTURE -

COMPOST FURNISH AND PLACE

DELETE THE FIRST SENTENCE OF ARTICLE 211.01 DESCRIPTION AND SUBSTITUTE THE FOLLOWING: THIS WORK SHALL CONSIST OF FURNISHING, TRANSPORTING AND PLACING TOPSOIL, SPECIAL TYPES OF TOPSOIL, COMPOST, OR COMPOST/TOPSOIL BLEND TO THE DEPTH SPECIFIED IN AREAS AS SHOWIN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

DELETE THE FIRST SENTENCE OF THE FIRST PARAGRAPH OF ARTICLE 211.04 PLACING TOPSOIL AND COMPOST AND SUBSTITUTE THE FOLLOWING: TOPSOIL COMPOST, OR COMPOST/TOPSOIL BLEND SHALL NOT BE PLACED UNTIL THE AREA TO BE COVERED HAS BEEN SHAPED, TRIMMED AND FINISHED ACCORDING TO SECTION 212.

DELETE THE SECOND SENTENCE OF THE SECOND PARAGRAPH OF ARTICLE 211.04 PLACING TOPSOIL AND COMPOST AND SUBSTITUTE THE FOLLOWING: AFTER VERIFICATION OF PROPER DEPTH, THE CONTRACTOR SHALL COMPLETELY INCORPORATE THE PLACED MATERIAL INTO THE EXISTING SURFACE TO A MINIMUM DEPTH OF 12 INCHES BELOW FINISHED GRADE BY TILLING.

DELETE THE FIRST SENTENCE OF THE SECOND PARAGRAPH OF ARTICLE 211.04 PLACING TOPSOIL AND COMPOST AND SUBSTITUTE THE FOLLOWING: THE ENGINEER WILL VERIFY THAT THE PROPER TOPSOIL, COMPOST, OR COMPOST/TOPSOIL BLEND DEPTH HAS BEEN APPLIED.

ADD THE FOLLOWING TO ARTICLE 211.06 CLEARING AREA AND DISPOSAL OF SURPLUS MATERIALS: PRIOR TO PLACING TOPSOIL, COMPOST OR COMPOST/TOPSOIL BLEND, THE CONTRACTOR SHALL REMOVE ALL LITTER (INCLUDING PLASTIC BACS, BOTTLES, ROCKS, ETC.) AND PLANT DEBRIS.

ADD THE FOLOOWING TO ARTICLE 211.08 BASIS OF PAYMENT: PAYMENT SHALL INCLUDE ALL COSTS FOR MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THE WORK SPECIFIED HEREIN, INCLUDING THE COST OF REMOVING AND DISPOSING OF ANY DEBRIS.

- PLANT MATERIAL SHALL BE NURSERY FROWN WITHIN A 150 MILE RADIUS OF VERNON HILLS AND BE EITHER BALLED AND BURLAPPED OR CONTAINER GROWN. SIZES INDICATED ON PLANT LIST REPRESENT MINIMUM REQUIREMENTS, THE REQUIREMENTS FOR MEASUREMENT. BRANCHING AND BALL SIZE SHALL CONFORM TO THE 'AMERICAN STANDARD FOR NURSERY STOCK' BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. PLANTS SHALL BE INSTALLED PER IDOT SECTION 253 AND 254 SPECIFICATIONS, THE VILLAGE OF VERNON HILLS WILL REQUIRE COPIES OF SHIPPING TICKETS TO VERIFY PLANT ORIGIN, QUANTITY AND SIZE.
- PLANT SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO DELIVERY OF MATERIALS TO THE SITE.

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 LIBERTYVILLE 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 (80KM/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 175 MMI MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (VIH) 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 RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER AT 847-715-8419 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

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

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

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

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING 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

LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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

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

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.

SIDEWALK RAMPS MODIFICATIONS WITHIN THE LIMITS OF THE PROJECT SHALL CONFORM TO THE APPLICABLE HIGHWAY STANDARDS INCLUDED IN THE PLANS.

ALL PIPE UNDERDRAINS SHALL BE PLACED AT A DEPTH OF 30" BELOW THE TOP OF PROPOSED PAVEMENT OR AS DEEP AS POSSIBLE AND IN ACCORDANCE WITH CHECK SHEET "19 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS ITEM,

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

	FILE HAME :	USER NAME * pyrsanovskirb	DESIGNED -	REVISED -
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	INDEX	OF SHE	ETS, STAT	E STA	NDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEE NO.
		AND	GENERAL I	NOTES		330	(2&2A)RS-10	LAKE	42	2
SCALE:	SHEET	QF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	CONTRACT	NO.	60X23

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		SUMMARY OF QUANTITIES		UNDAM	<u> </u>	C	ONSTRUCTI	ON TYPE	CODE 0005	5	e une	SUMMARY OF QUANTITIES	•	Ungryv		С	ONSTRUCT	ON TYPE	CODE OOOS	5
		SUMMARY OF COMMITTES	T			804. STATE						SUMMAN OF GUARTITIES			100%	801,5VATE				
	CODE NO	ITEM	UNIT	TOTAL	57A7E 0005	26-/, VILLAGE VERNON HILLS 0031				Pareck of the contract of the	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	57ATE 0005	20% VILLAGE OF VERNON HILLS 0031				
*	K0012990	PERENNIAL PLANTS. ORNAMENTAL TYPE, GALLON POT	דואט	6, 6		6.6	Annual transmitted				42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	2278	2278	0031				
			veravet.				1	-												
*	A2002484	TREE, CARPINUS BETULUS FASTIGIATA, (COLLAMAR EUROPEAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	6		6	THE REAL PROPERTY OF THE PROPE				42400800	DETECTABLE WARNINGS	SO FT	438	438				· · · · · · · · · · · · · · · · · · ·	***************************************
*	¢2C077G5	SHRUB, ROSA RUGOSA 'FRAU DARMARHARTOPP' (FRAU DAGMARHASTRUP RUGOSA HOSE), CONTAINER GROWN, 5-GALLON	EACH	88		88					44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	130215	130215					
			<u> </u>																	
	X032.7774	BACKFLOW PREVENTER (RPZ) 1.5 TNCH	EACH	ı			THE STATE OF THE S				44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	203	203					
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X	21101615	TOPSOIL FURNISH AND PLACE. 4"	SO YD	463	463	A CONTRACTOR AND A CONT	A THE CONTRACT OF THE CONTRACT				44000600	SIDEWALK REMOVAL	SQ FT	2278	2278					
				<u> </u>	<u> </u>															
*	21101665	TOPSOIL FURNISH AND PLACE, 18"	SO YD	620		620					44201798	CLASS D PATCHES, TYPE I, 13 INCH	SO YD	300	300		***************************************			
*	21101805	COMPOST FURNISH AND PLACE, 2"	SO YD	620		620	10000				44201803	CLASS D PATCHES, TYPE II. 13 INCH	SO YD	2415	2415					
						* Committee of the comm														
*	25200110	SODDING. SALT TOLERANT	SO YD	463	463						44201807	CLASS D PATCHES, TYPE 111, 13 INCH	SO YD	683	683					
			- Carried and Carr						•											
	31101200	SUBBASE GRANULAR MATERIAL. TYPE B 4"	SO YD	1080	1080				***************************************		44201809	CLASS D PATCHES. TYPE IV. 13 INCH	SO YD	2245	2245					
	40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	196	196		***************************************				56109210	WATER VALVES TO BE ADJUSTED	EACH	18	18		i			
											1	· .								
	40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, NSO	TON	7162	7162		THE STATE OF THE S				56200700	WATER SERVICE LINE 2"	FOOT	20		20				
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	40600895	CONSTRUCTING TEST STRIP	EACH	2	2		anti-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-tu-ran-				60109510	PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"	FOOT	400		400				
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SO YD	599	599		***************************************			<u> </u>	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	10	10					
		JOINT				-														
	40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE. STONE MATRIX ASPHACT, NBO	TON	12762	12762		######################################				60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	120	120					
	40603335	HOT-MIX ASPHACT SURFACE COURSE, MIX'D', N50	TON	/3	/3	*************************************			<u> </u>		***************************************									
	42001300	PROTECTIVE COAT	SO YD	347	347						60406100	FRAMES AND LIDS, TYPE 1. CLOSED LID	EACH	3	3					
₩.	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	93	93	Academic annual academic acade				The second secon	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE 8-6. 24	FOOT	1620	1620				Rev.	
	FILE NAME 3		SIGNED -	· · · · · · · · · · · · · · · · · · ·	REVISED			 	·	TATE OF	ILLINOIS			************************	***************************************	F.A.P. RTE.	SEC		COUNTY	TOTAL SHEET SHEETS NO.
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	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	10040	10040					70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2088	2088				

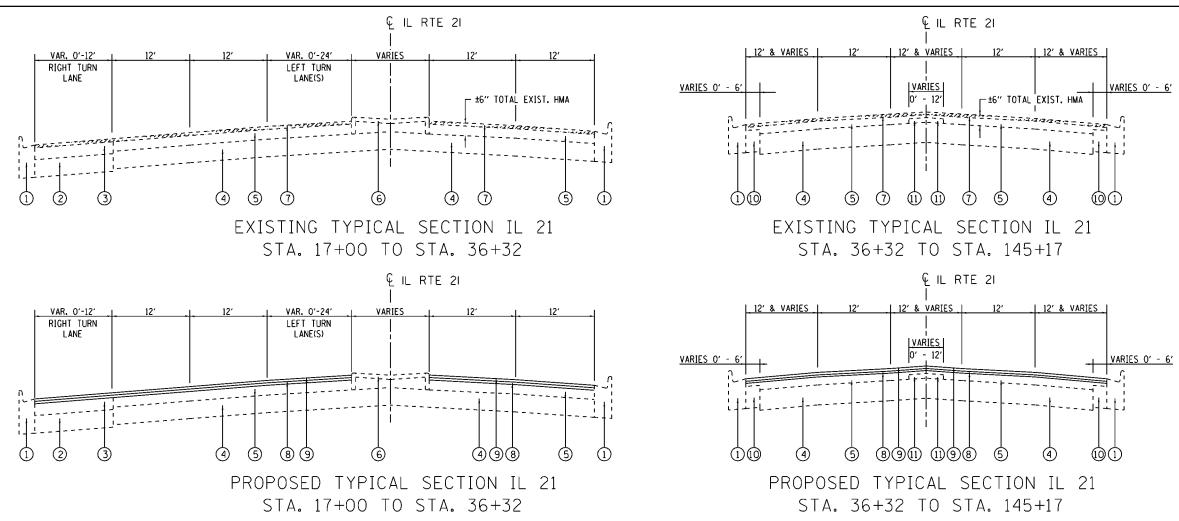
	60620000	CONCRETE MEDIAN. TYPE SB-6.24	SO FT	912	912					70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	3083	3083				
X	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	40	` 40				mantering and control of the control	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1196	1196				
*	66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	week			***************************************	***************************************		70301000	WORK ZONE PAYEMENT MARKING REMOVAL	SO FT	28594	28594				
×	66900530	SOIL DISPOSAL ANALYSIS	EACH	page 1	Parks			***************************************	WINDOWS	¥ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2736	2736	·			
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL NO	6	6				 	¥ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	47101	47101			1	
	67100100	MOBILIZATION	L SUM	1	media contraction to the contrac					X 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	12054	12054			Almanananan	
•	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	-				The second secon	¥ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2088	2088				
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	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	9-14					¥ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3083	3083			***************************************	
	70102632	TRAFFIC CONTROL AND PROTECTION. STANDARD 701602	L SUM	1	1			BACATA BA		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1196	1196				
	70102635	TRAFFIC CONTROL AND PROTECTION. STANDARD 701701	L SUM	1	1			DO FOR THE PARAMETER PARAM		Y 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1910	1910				
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			**************************************	MARATER MARKET M	78300200	RAISED REFLECTIVE PAVEMENT WARKER REWOVAL	EACH	1820	1820				
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	6)56	6156			***************************************		¥ 88600600	DETECTOR LOOP REPLACEMENT	FOOT	6462	6462				
	70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	2736	2736			THE PROPERTY OF THE PROPERTY O	A CONTROL OF THE PROPERTY OF T	← 89502376	REBUILD EXISTING HANDHOLE	EACH	2	2				
	70300220	TEMPORARY PAYEMENT MARKING - LINE 4"	FOOT	47101	47101			And the state of t		¥ A2007016	TREE. OUERCUS ROBUR FASTIGIATA (FASTIGIATE ENGLISH OAK). 2" CALIPER. BALLED AND BURLAPPED	EACH	5	THE PLANT OF THE P	5			
ľά	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	12054	12054					K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	UNIT	3. 76	**************************************	3 _* 76			Rev.
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	SUMMARY OF QUANTITIES		***************************************	100%	BAH STATE	ONSTRUCT	ION TYPE	CODE OUG	<i>)</i> 5		SUMMARY OF QUANTITIES				<u> </u>	ONSTRUCT	ION TYPE (ODE	1
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K00361	20 MULCH PLACEMENT 4"	SO YD	101		101					44000500	COMBINATION CONCRETE CURB	FOOT	1661	1661					
											AND GUTTER REMOVAL								
K10013	88 IRRIGATION SYSTEM SPECIAL	L SUM	1		1		-	V 900-0-11-11-11-11-11-11-11-11-11-11-11-11		and a primary an	mile sairien kenmyria								
										44003100	MEDIAN REMOVAL	30 FT	10,755	10,755					
X03268	63 BRICK SIDEWALK	SO FT	150	150					***************************************	The same of the sa							WITTER AND THE STREET STREET		
x03268	64 BRICK SIDEWALK REMOVAL	SO FT	150	150		verterberte ber									····				
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X03274	32 IRRIGATION SYSTEM - POINT OF CONNECTION	EACH	1		1														***
								A CONTRACTOR OF THE CONTRACTOR											
X40601	10 BITUMINOUS MATERIALS (PRIME COAT)	POUND	87896	87896						1								***	-
x55377	OO STORM SEWERS TO BE CLEANED 10"	FOOT	419	419						4:00									<u> </u>
×39317	OU STORM SCREETS TO BE CLEARED TO	7001	419	413					Article and the second and the secon										
x55378	OO STORM SEWERS TO BE CLEANED 12"	FOOT	408	408		Action of the control					· · · · · · · · · · · · · · · · · · ·	***							

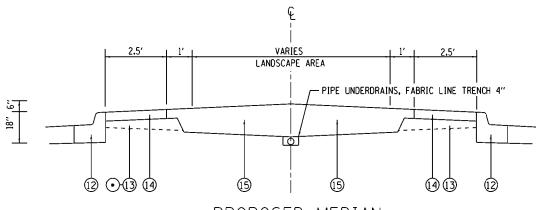
X60303	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	114	114															
Z00045	30 HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SO YD	110	110		and the state of t								***************************************					
					·····		THE STATE OF THE S			11			-	**************************************			**************************************	-	
Z00045	62 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	4510	4510															
		<u> </u>																	
200185	DRAINAGE STRUCTURES TO BE CLEANED	EACH	35	35	***************************************				ļ						····				
Z00308	TEMPORARY INFORMATION SIGNING	SO FT	565. 4	565, 4				`						- AAAAAAAA			**************************************		
		With the second		***************************************														,	
Z00486	65 RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1								The state of the s							
700341	05 MATERIAL TRANSFER DEVICE	TON	12,762	12,762		- de la companya de l						Note that the state of the stat							
60404	150 FRAMES AND GRATES, TYPE 24	EACH	10	10	·	Appendicular and the second se					· .	**************************************			· · · · · · · · · · · · · · · · · · ·				
			(00						1	100 A			and the state of t				111111111111111111111111111111111111111		
FILE NAME	don'ny zanavski ziva0356580 002224 sik-plandan DE	FOOT SIGNED -	100	/OO REVISED REVISED	-				STATE OF					ARTICLE STATE OF THE STATE OF T	F.A.P. RTE. 330	l 	TION IRS-10	COUNTY S	REV TOTAL SH SHEETS 1
		HECKED -		REVISED REVISED				DEPARTA	MENT OF	TRANSPORTA	TION SUMM SCALE: SHEET NO. OF	ARY OF QUANT		O STA.		<u> </u>		CONTRACT	NO. 60X

1/3



LEGEND

- (1) EXIST, COMB, CURB & GUTTER
- (2) EXIST. PCC PAVEMENT, ±7"
- 3 EXIST. HMA, ±7"
- 4 EXIST. P.C.C. PAVEMENT, ±8"
- (5) EXIST. HMA. ±6"
- 6 EXIST. MEDIAN
- PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 21/2"
- 8 PROP. POLY. LEVELING BINDER (MM), IL-4.75, N50, ¾"
- 9 PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 174"
- 10 EXIST. P.C.C. PAVEMENT, 8"
- 11 EXIST. MEDIAN
- (12) PROP. COMB. CURB AND GUTTER, TYPE B 6.24
- 13 PROP. SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 14 PROP. CONCRETE MEDIAN SURFACE 4"
- 15 PROP. TOPSOIL FURNISH AND PLACE, 18"



PROPOSED MEDIAN STA. 25+15 TO STA. 35+70

• ANY ADDITIONAL SUB-BASE GRANULAR MATERIAL, TYPE B 4"
REQUIRED SHALL BE INCLUDED IN THE COST OF SUB-BASE
GRANULAR MATERIAL, TYPE B 4" AND SHALL NOT BE PAID
FOR SEPERATELY.

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

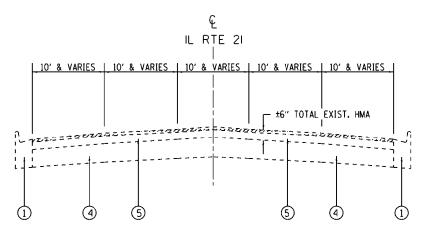
HMA MIXTURE REQUIREMENTS

IIIIA IIIIATOTE TEGOTIENIENTO											
MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)									
PAVEMENT RESURFACING											
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE STONE MATRIX ASPHALT, N80 (IL 9.5 mm)	3.5% @ 80 GYR	PFP									
POLYMERIZED LEVELING BINDER, (MM), IL 4.75, N50	3.5% @ 50 GYR	QCP									
PAVEMENT PATCHING											
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR	QCP									
DRIVEWAY											
HMA DRIVEWAY PAVEMENT, 8" (HMA BINDER IL-19mm)	4% @ 50 GYR	QC/QA									
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	4% @ 50 GYR	QC/QA									
QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP), PAY FOR PERFORMANCE (PFP)											

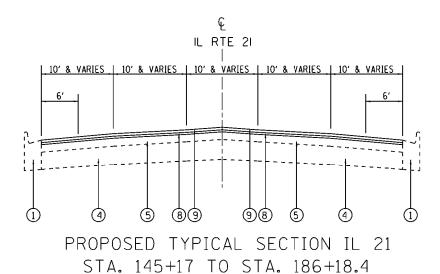
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. OUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -				TYPIC	CAL SECT	IONS		F.A.P.	SECTION	COUNTY	TOTAL SHEET
ci\pe_work\peidot\pyrzanowskirb\d0356586	\DI02214-sht-plan₊dgn	DRAWN -	REVISED -	STATE OF ILLINOIS							330	(2&2A)RS-10	LAKE	42 6
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RTE. 21 (MILWAUKEE AVE.)						CONTRAC	CT NO. 60X23		
Default	PLOT DATE = 8/22/2014	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				TO STA.		ILLINOIS FED.	AID PROJECT		



EXISTING TYPICAL SECTION IL 21 STA. 145+17 TO STA. 186+18.4



LEGEND

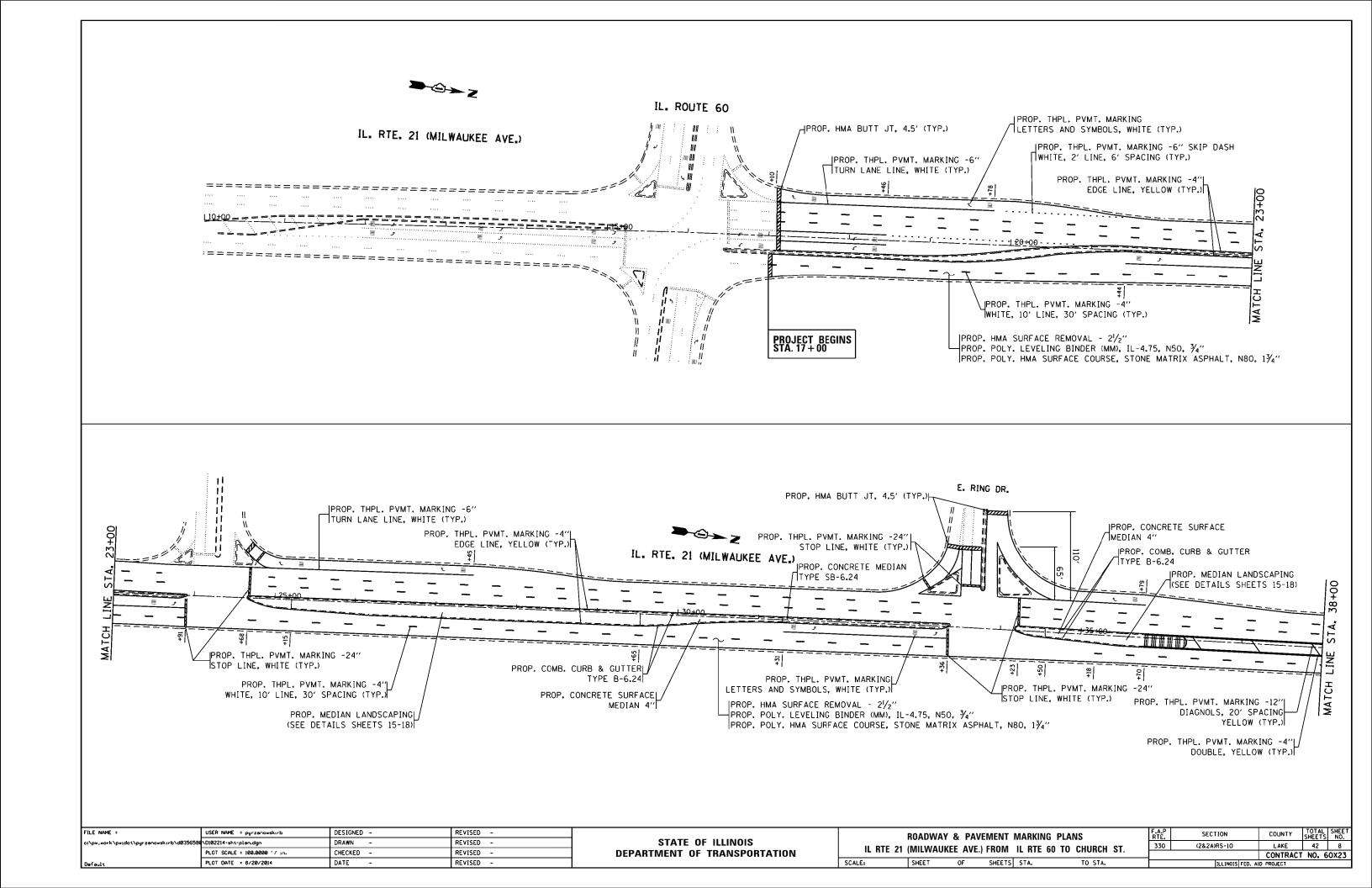
- (1) EXIST. COMB. CURB & GUTTER
- 2 EXIST. PCC PAVEMENT, ±7"
- 3 EXIST. HMA, ±7"
- 4 EXIST. P.C.C. PAVEMENT, ±8"
- 5 EXIST. HMA, ±6"
- 6 EXIST. MEDIAN
- 7 PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 21/2"
- ® PROP. POLY. LEVELING BINDER (MM), IL-4.75, N50, ¾
 "
- 9 PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 174"
- 10 EXIST. P.C.C. PAVEMENT, 8"
- 11) EXIST. MEDIAN
- (2) PROP. COMB. CURB AND GUTTER, TYPE B 6.24
- 13 PROP. SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 1 PROP. CONCRETE MEDIAN SURFACE 4"
- 15 PROP. TOPSOIL FURNISH AND PLACE, 18"

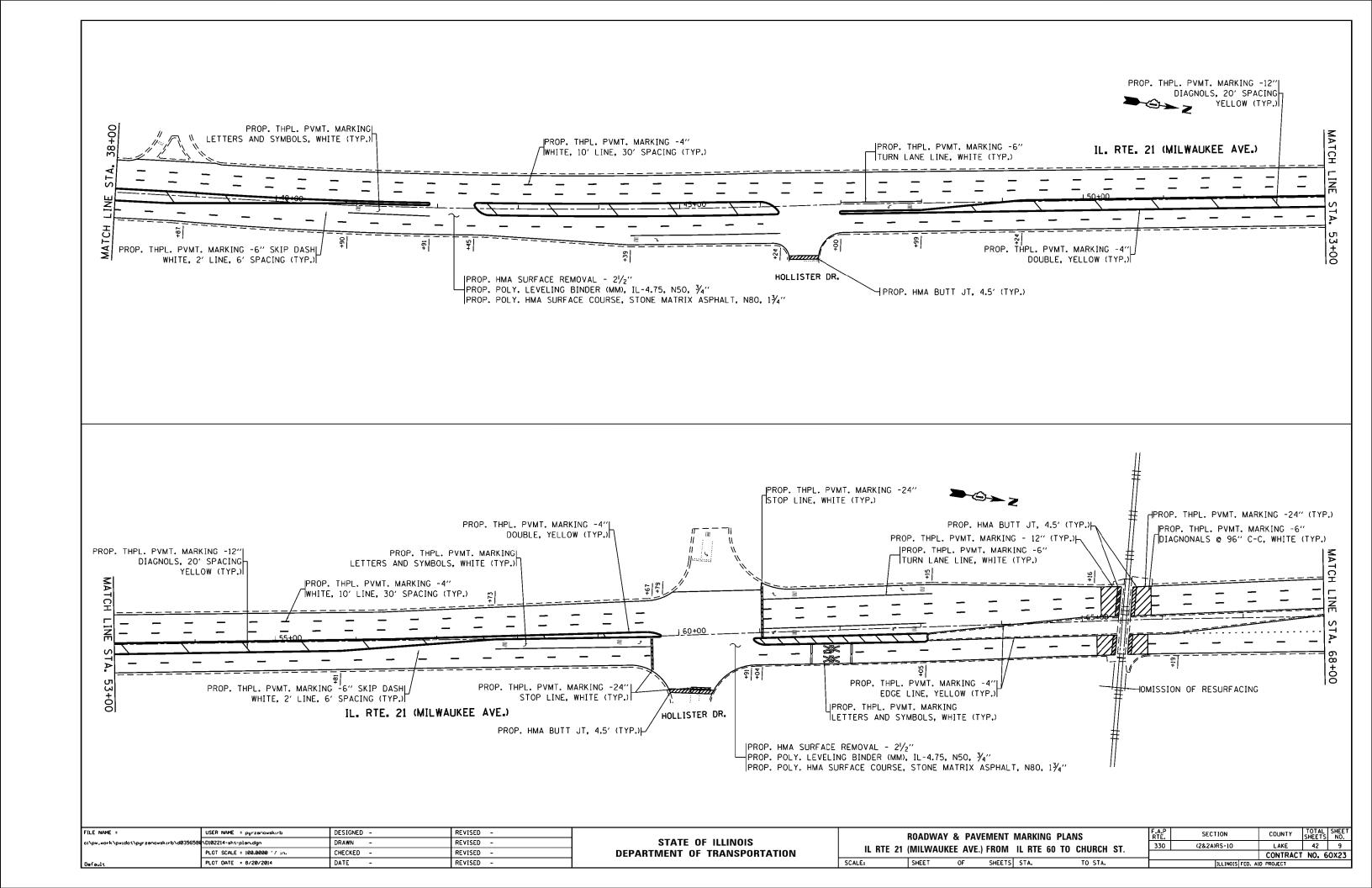
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	PLOT SCALE = 100.0000 ' / 10.	CHECKED -	REVISED -
Default	PLOT DATE = 8/20/2014	DATE -	REVISED -

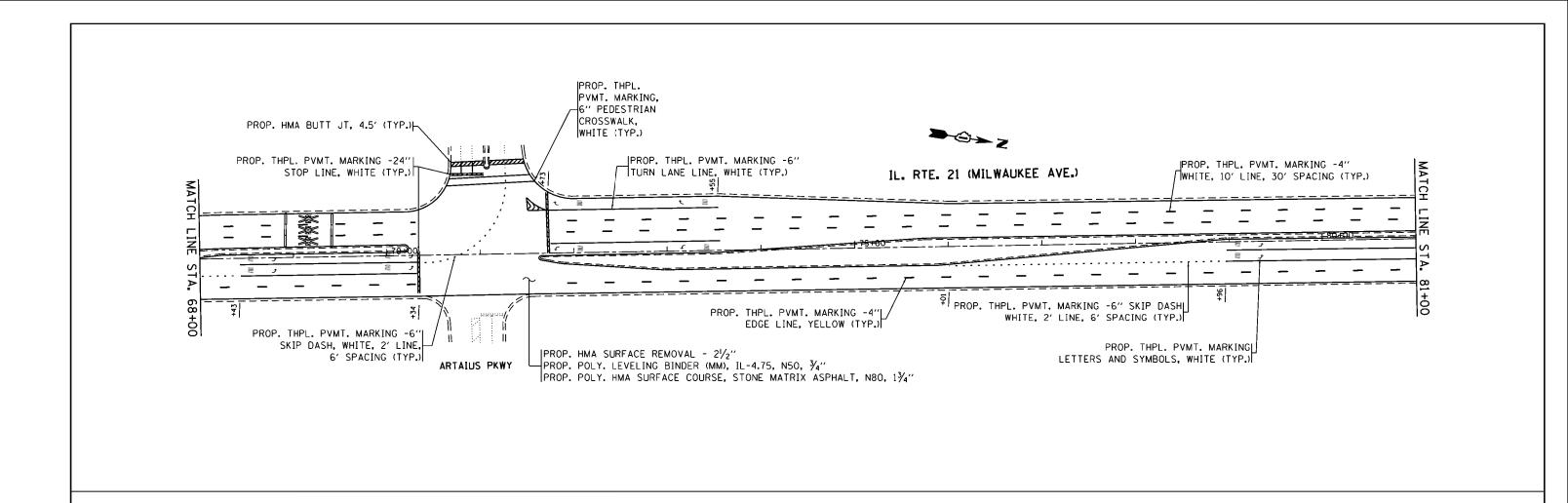
STATE OF	ILLINOIS
DEPARTMENT OF	TRANSPORTATION

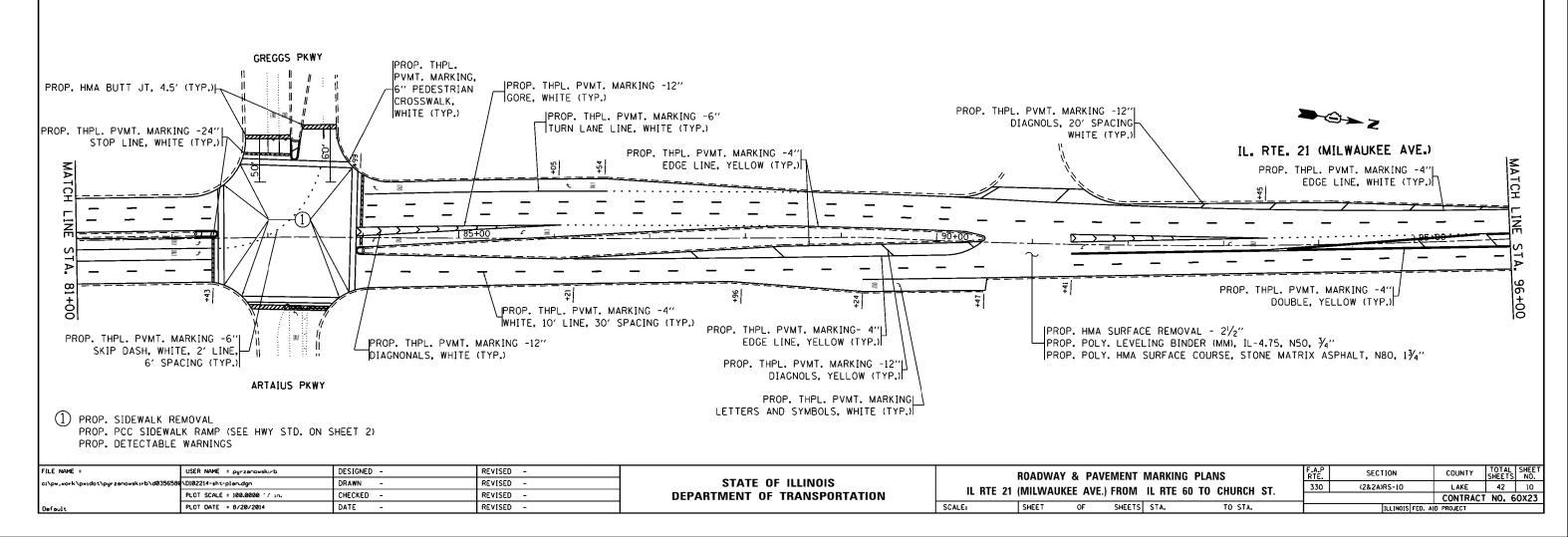
SCALE:

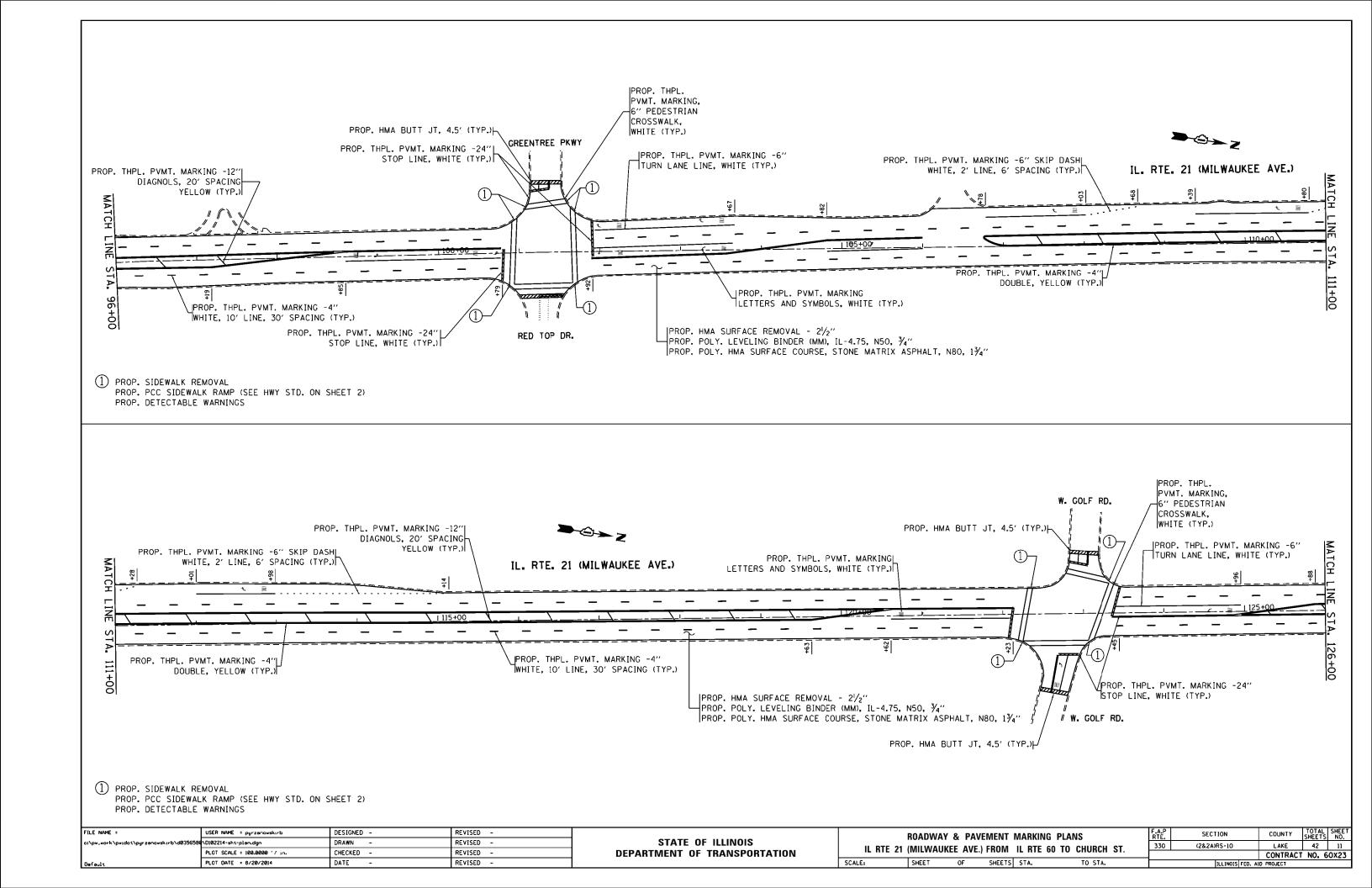
	TYPI	CAL SECT	IONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
	IL RTE. 21	/MII W/AI	KEE VI	/E \	330	(2&2A)RS-10	LAKE	42	7
	IL HIL. 21	•		(L.)			CONTRACT	NO. 6	0X23
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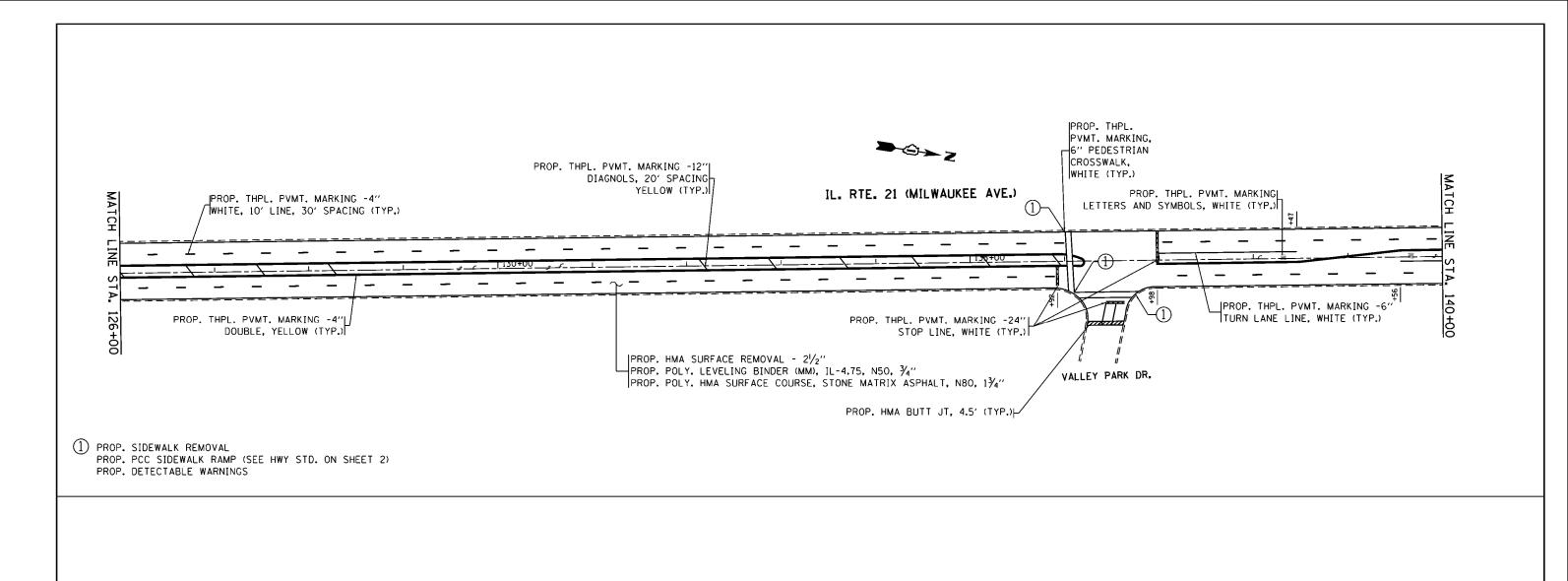


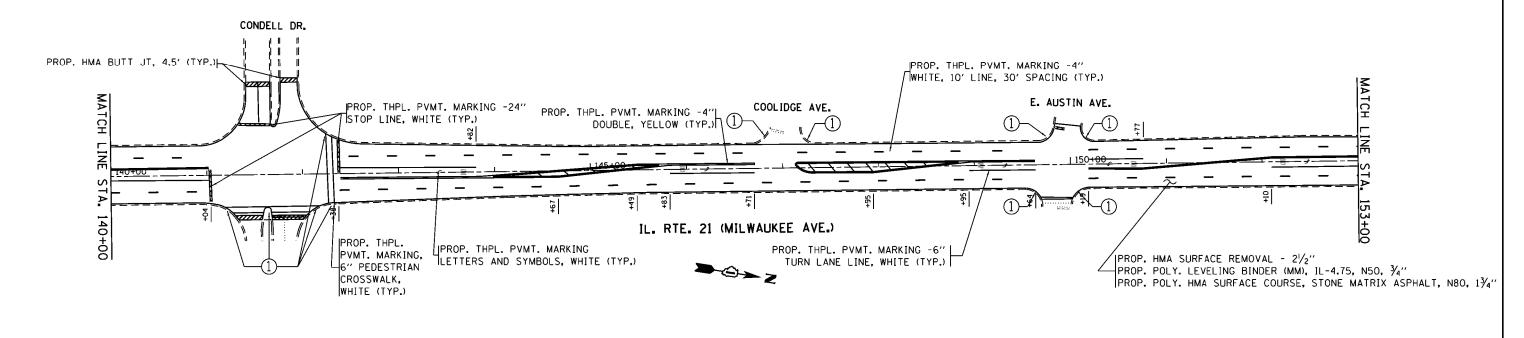












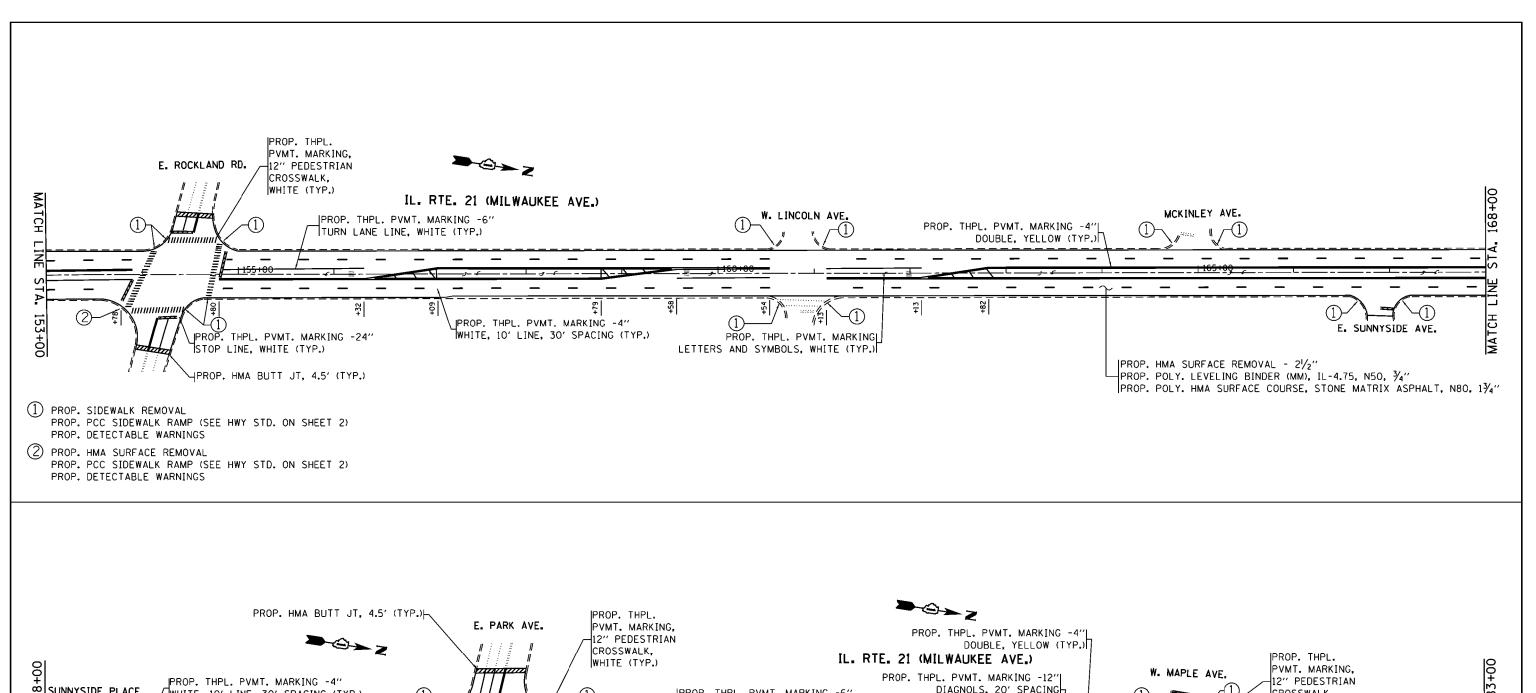
FILE NAME = DESIGNED -REVISED -COUNTY TOTAL SHEET NO.

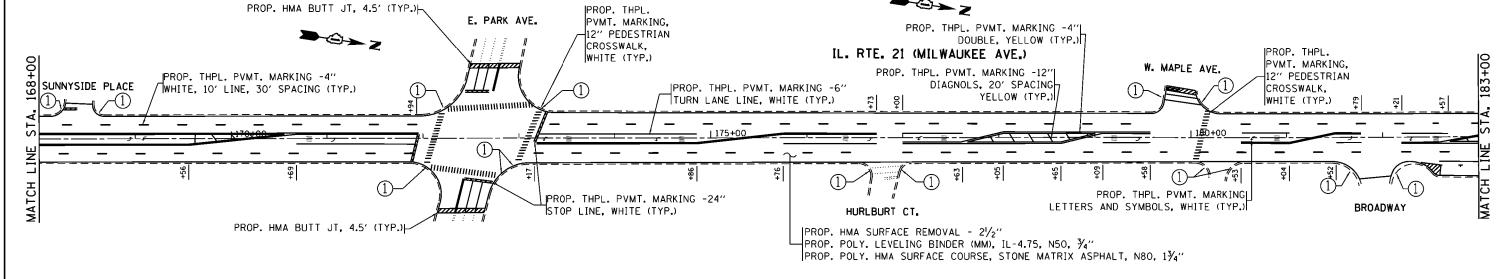
LAKE 42 12 USER NAME = pyrzanowskirb SECTION **ROADWAY & PAVEMENT MARKING PLANS** STATE OF ILLINOIS D102214-sht-plan.dgn DRAWN -REVISED -330 (2&2A)RS-10 IL RTE 21 (MILWAUKEE AVE.) FROM IL RTE 60 TO CHURCH ST. PLOT SCALE = 100.0000 ' / 10. CHECKED -REVISED -**DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 60X23 OF SHEETS STA. REVISED -PLOT DATE = 8/20/2014 DATE

1 PROP. SIDEWALK REMOVAL

PROP. DETECTABLE WARNINGS

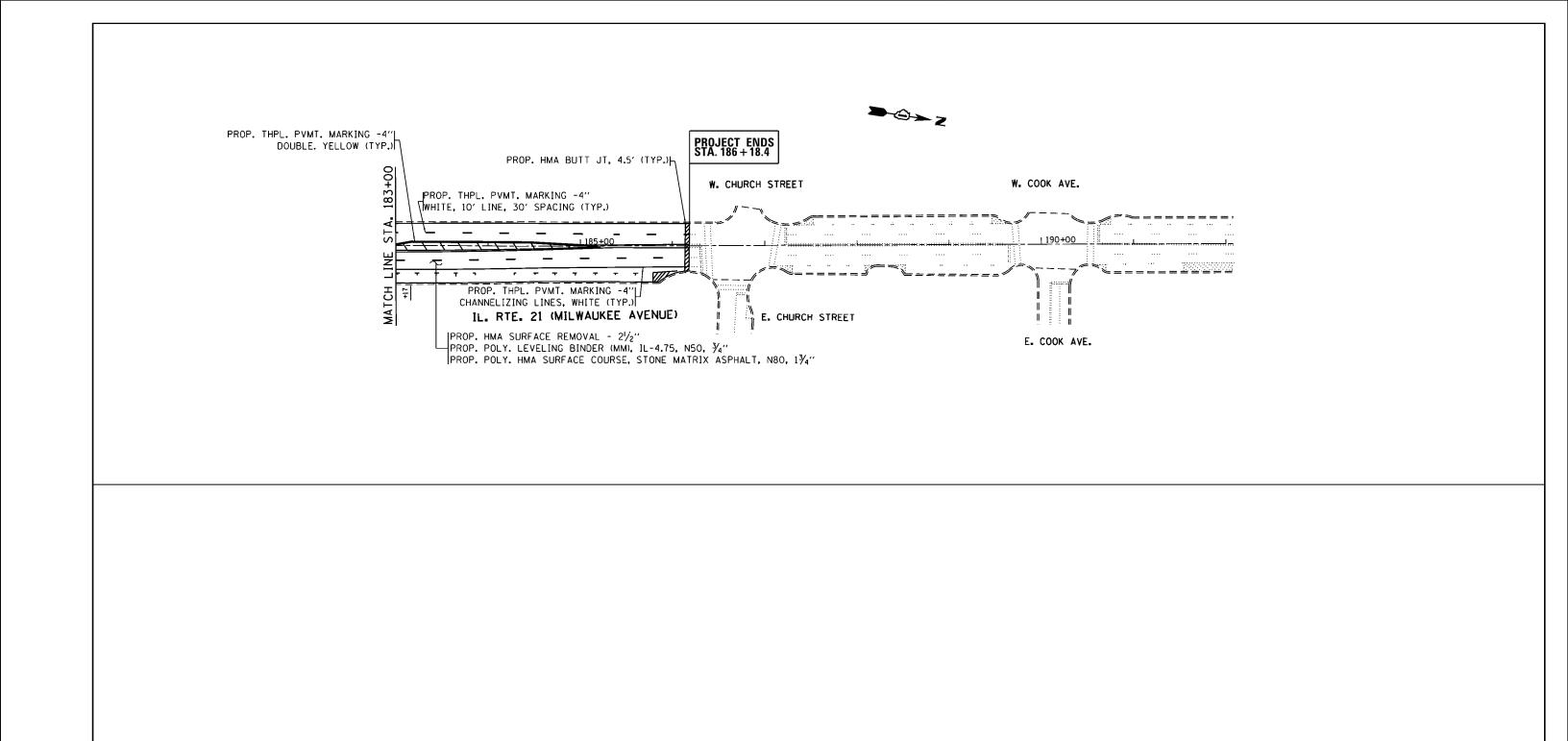
PROP. PCC SIDEWALK RAMP (SEE HWY STD. ON SHEET 2)





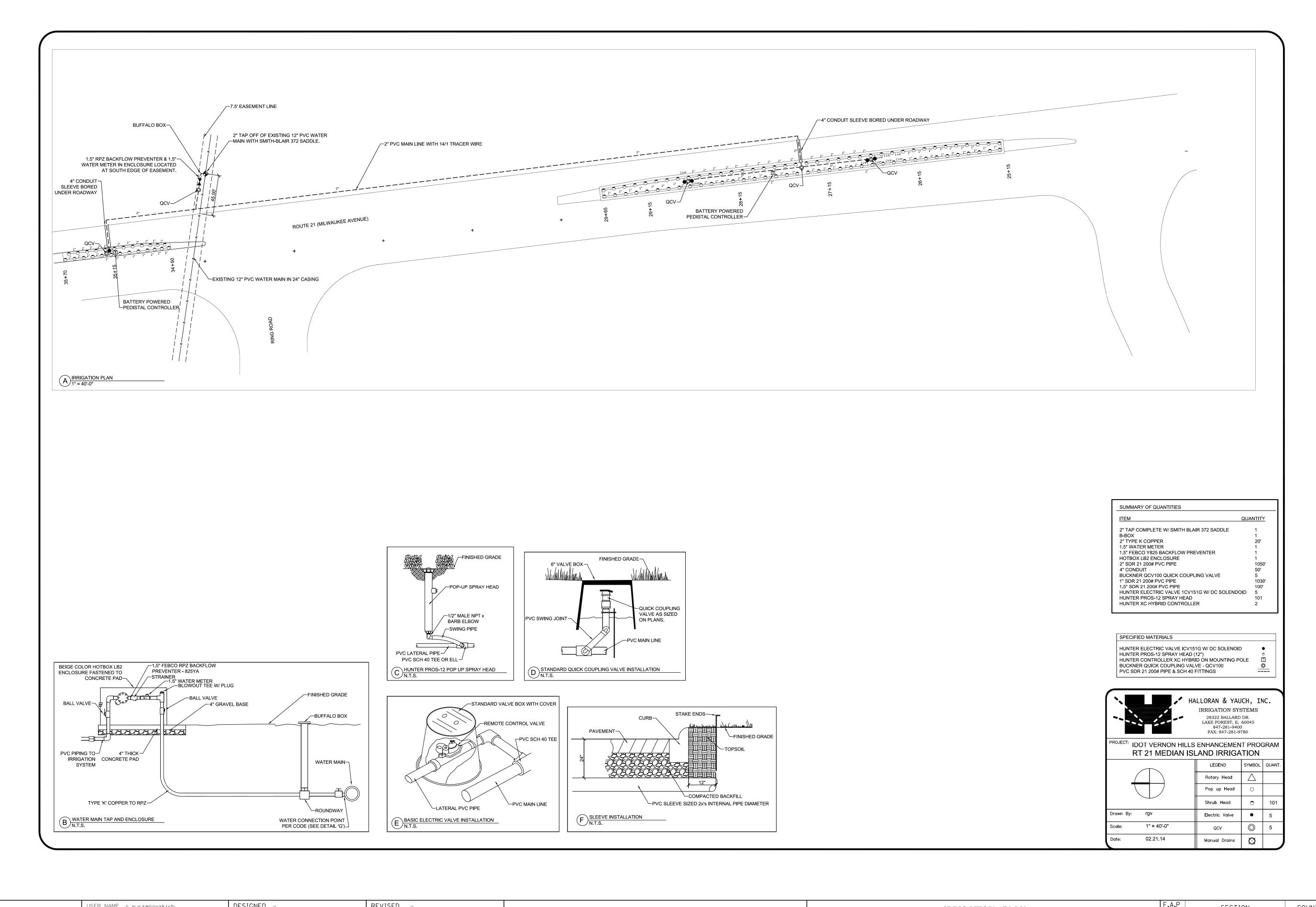
1) PROP. SIDEWALK REMOVAL PROP. PCC SIDEWALK RAMP (SEE HWY STD. ON SHEET 2) PROP. DETECTABLE WARNINGS

Default		PLOT DATE = 8/20/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	SIA.	IO SIA.		ILLINOIS FED. AI	ID PROJECT		
	F				l	****	CUECT								,0, 00	
		PLOT SCALE = 100.0000 ' / 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL NIE ZI	IL NIE ZI (WILLWAUNEE AVE.) FRUWI IL NIE DU IU CHUNCH SI.						CONTRACT	I NO. 60	x23	
Ct /be work /beloc	,		•			II DTE 21	IL RTE 21 (MILWAUKEE AVE.) FROM IL RTE 60 TO CHURCH ST.					330	(2&2A)RS-10	LAKE	42	13
	dan)	\DI02214-sht-plan.don	DRAWN -	REVISED -	STATE OF ILLINOIS		ROADWAY & PAVEMENT MARKING PLANS				N16.			SHEETS	110,	
FILE NAME =		USER NAME = pyrzanowskirb	DESIGNED -	REVISED -			ROADWAY	2. DAV	EMENT	MARKING E	DI ANG	F.A.P	SECTION	COUNTY	TOTAL	HEET

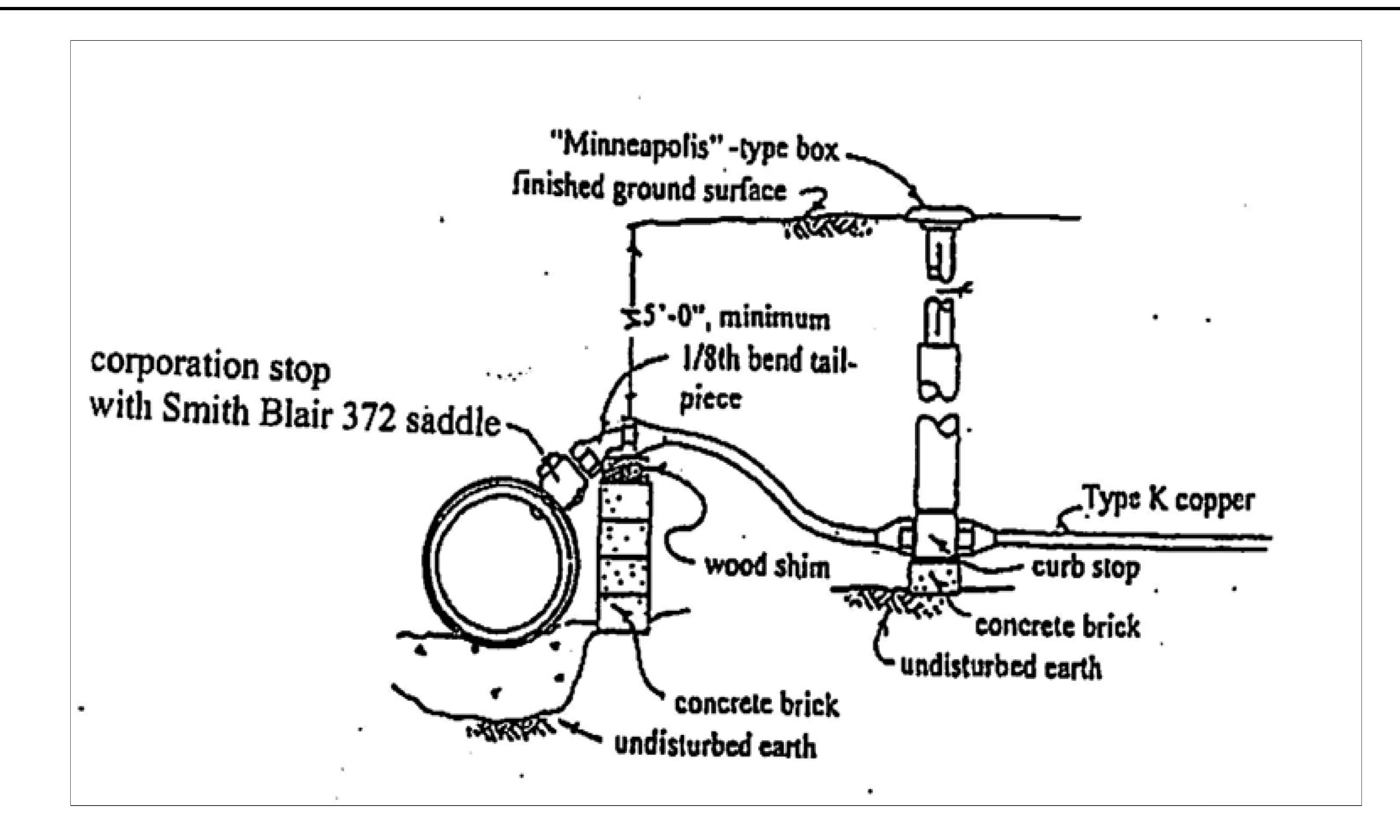


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Default	PLOT DATE = 8/20/2014	DATE	-	REVISED -	

ROADWAY & PAVEMENT MARKING PLANS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL RTE 21 (MILWAUKEE AVE.) FROM IL RTE 60 TO CHURCH ST.	330	(2&2A)RS-10	LAKE	42	14
TE TITE 21 (MILEVAOREE AVE.) THOM TE TITE 00 TO OHOHOH ST.			CONTRACT	NO. 6	0X23
CALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED.	, AID PROJECT		

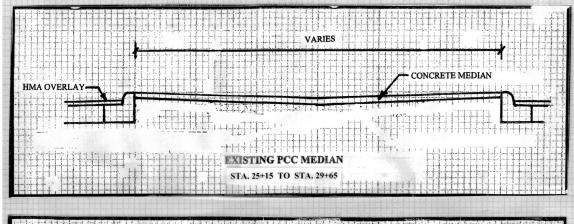


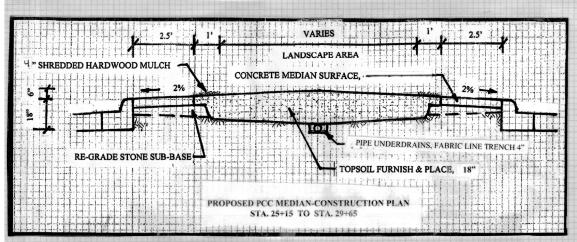
FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -			IRRIGATION PLAN		F.A.P	SECTION	COUNTY	TOTAL SHEET
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	PLOT SCALE = 50.0000 '/ 1n.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		IL RTE. 21 (MILWAUKEE AVE.)			CONTRACT	NO. 60X23	
Default	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE:	SHEET 1 OF 2 SHEETS STA.	TO STA.		ILLINOIS FED	AID PROJECT	

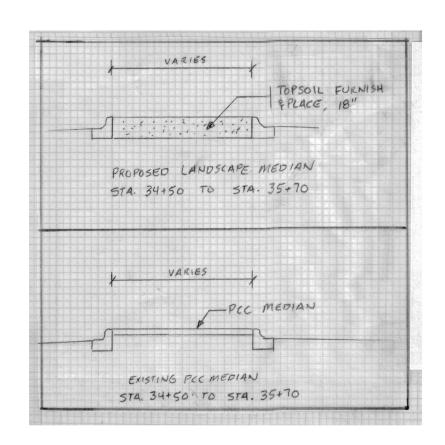


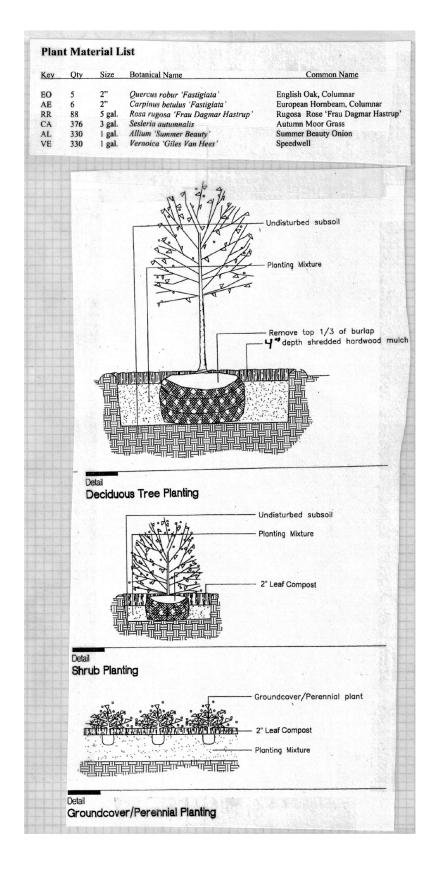
G WATER TAP N.T.S.

FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -			IRRIGATION PLAN	RTF.	SECTION	COUNTY	SHEETS NO.
c:\pw_work\pwidot\pyrzanowskirb\d03	356580\D102214-sht-plan.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS			330	(2&2A)RS-10	LAKE	42 16
	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		IL RTE. 21 (MILWAUKEE AVE.)		120.2	CONTRACT	T NO. 60X23
Default	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE:	SHEET 2 OF 2 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT	









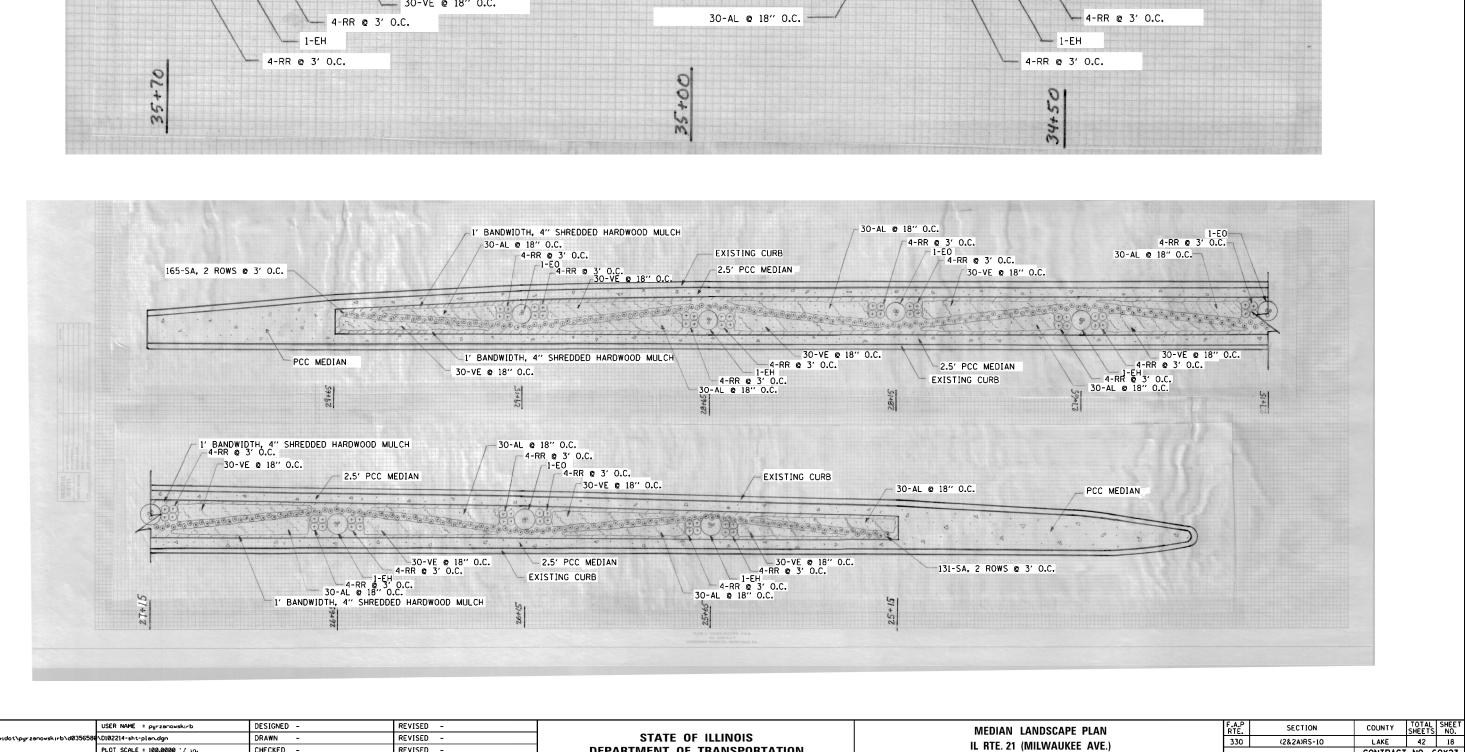
SCALE:

SI	JMMARY OF QUANTITIES - LAND	SCAPE	
PAY CODE	DESCRIPTION	UNIT	TOTAL QUANTITY
60109510	P UNDER FAB LINE TR 4	FT	400
21101665	TOPSOIL FURNISH AND PLACE, 18"	SQ YD	620
21101805	COMPOST FURNISH AND PLACE 2"	SQ YD	620
A2007016	TREE, QUERCUS ROBUR FASTIGIATA, (COLUMNAR EUROPEAN HORNBEAM) 2" CALIPER, BALLED AND BURLAPPED	EΑ	5
	TREE, CARPINUS BETULUS FASTIGIATA,(COLUMNAR EUROPEAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EA	6
	SHRUB, ROSA RUGOSA 'FRAU DAMAR HARTOPP' (FRAU DAMAR HASTRUP RUGOSA ROSE), CONTAINER GROWN, 5-GALLON	EA	88
K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	UNIT	3.76
#1008487	PERENNIAL PLANTS, ORNAMENTAL HERBACEAOUS TYPE, GALLON POT	UNIT	6.6
K0036120	MULCH PLACEMENT 4"	SQ YD	101

FILE NAME = USER NAME = pyrzenowskirb DESIGNED -	REVISED -
ci\pu_work\puidot\pyrzenowskirb\d035658\DI02214-sht-plan.dgn DRAWN -	REVISED -
PLOT SCALE = 100.0000 '/ 10. CHECKED -	REVISED -
Default PLOT DATE = 7/8/2014 DATE -	REVISED -

STATI	E OF	ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

	ME	DIA	4 I	LANDSCA	PE PLA	V	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	II D	TF 2	1	(MILWAU	KEE VA	= \	330	(2&2A)RS-10	LAKE	42	17
	IL II	II L. 2		(IVIIL VVAC	KLL AV	!			CONTRACT	NO. (50X23
SHEET	1	OF	2	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		



STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

(2&2A)RS-10

CONTRACT NO. 60X23

330

TO STA.

IL RTE. 21 (MILWAUKEE AVE.)

SHEET 2 OF 2 SHEETS STA.

SCALE:

FILE NAME :

D102214-sht-plan.dgn

PLOT DATE = 7/8/2014

PLOT SCALE = 100.0000 '/ 10.

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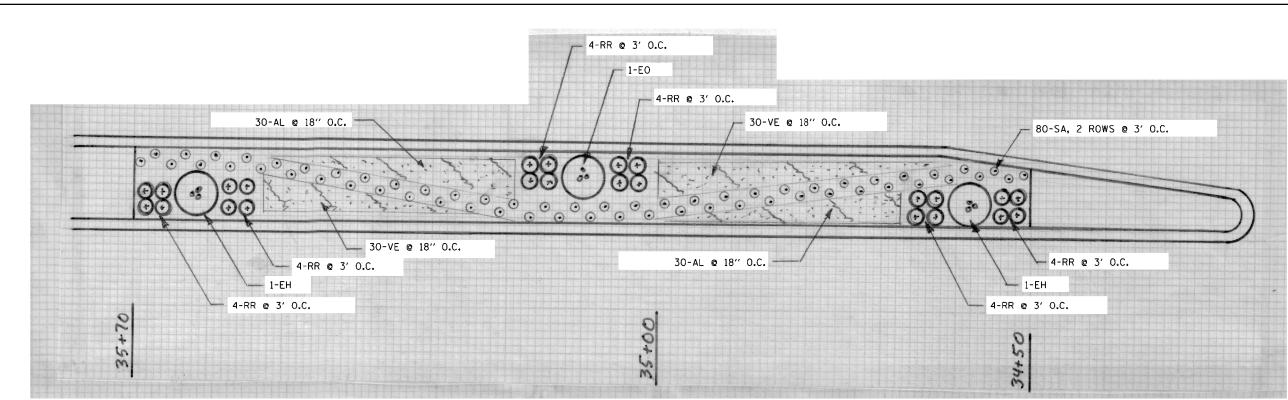
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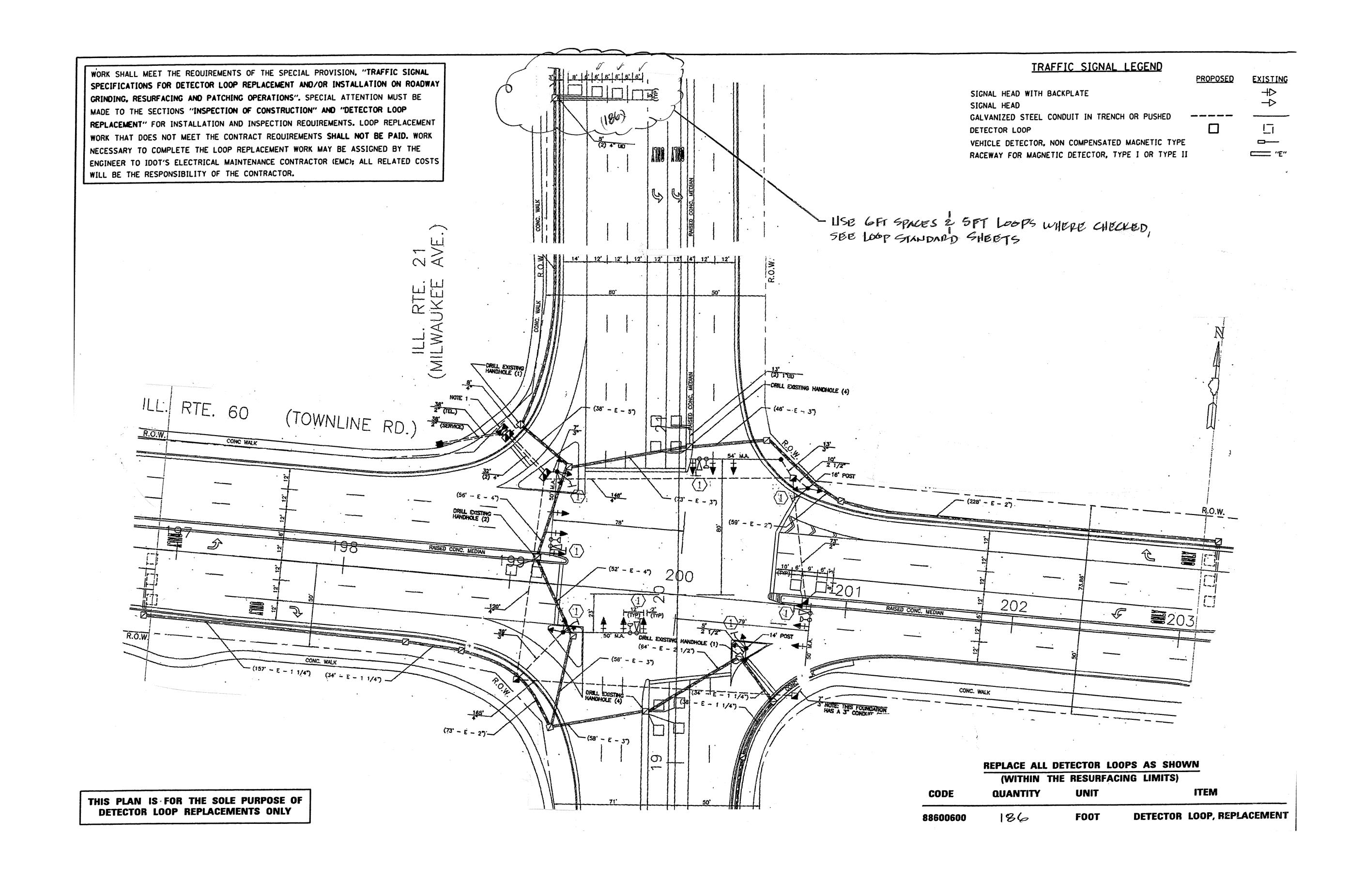
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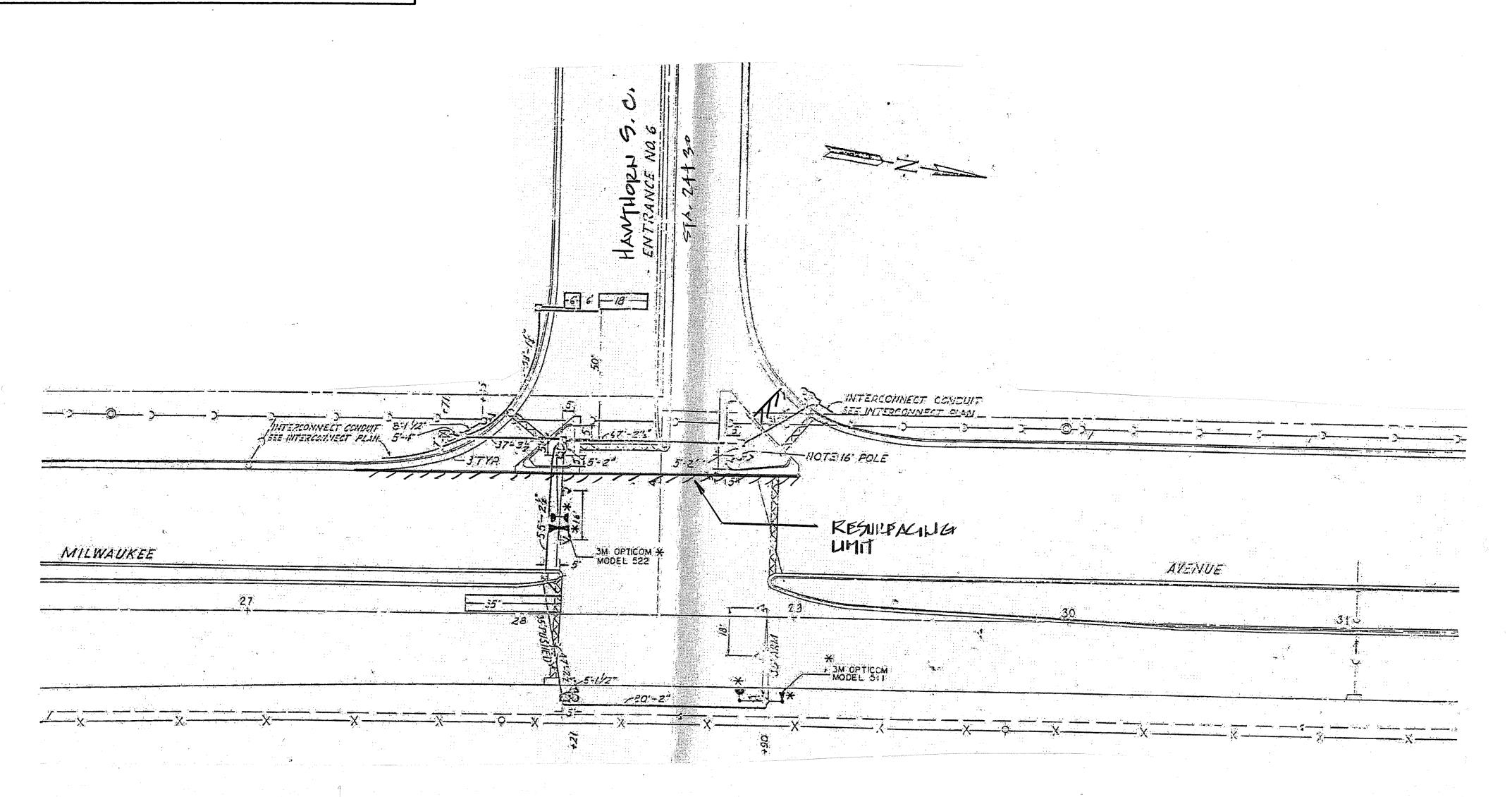


FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -			DETECTOR LOOP REPLACEMENT						SECTIO	N COU	NTY TOTA	AL SHE
c:\pw_work\pwidot\pyrzanowskirb\dØ3565	SIAIE OF ILLINOIS U. DTE 21 (MILLINOIS AVE.) AT IL DTE 60					330	(2&2A)RS	-10 LA	KE 42	2 1'					
	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		IL KIE.	ZT (IVIILV	WAUK	EE AVE.) A	IL KIE. 60			CON	TRACT NO.	. 60X2
Default	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.							IL	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

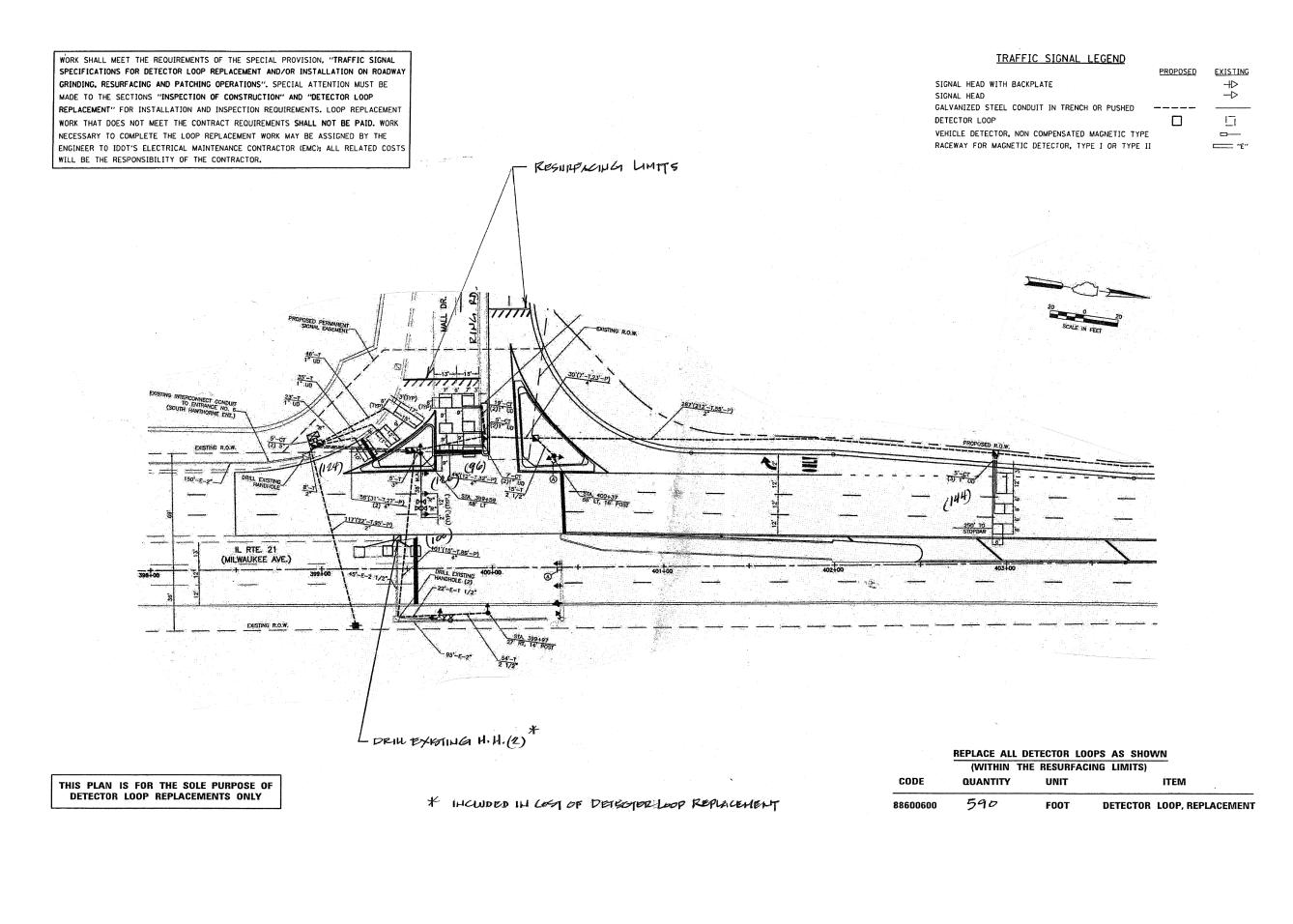
—— "E"



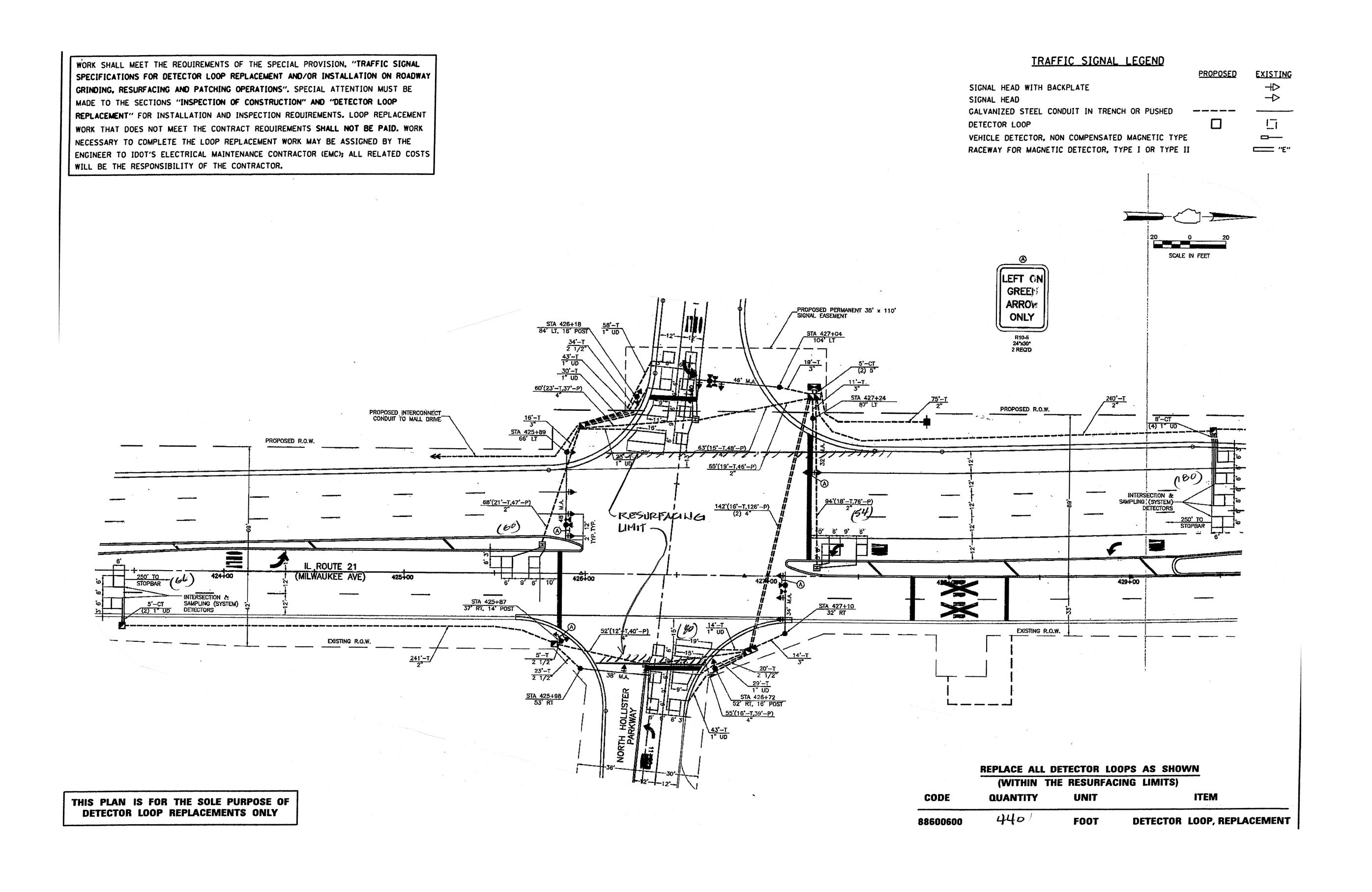
THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

. *	(WITHIN	THE RESURFACING	LIMITS)
CODE	QUANTITY	UNIT	ITEM
88600600	100	FOOT D	ETECTOR LOOP, REPLACEMEN

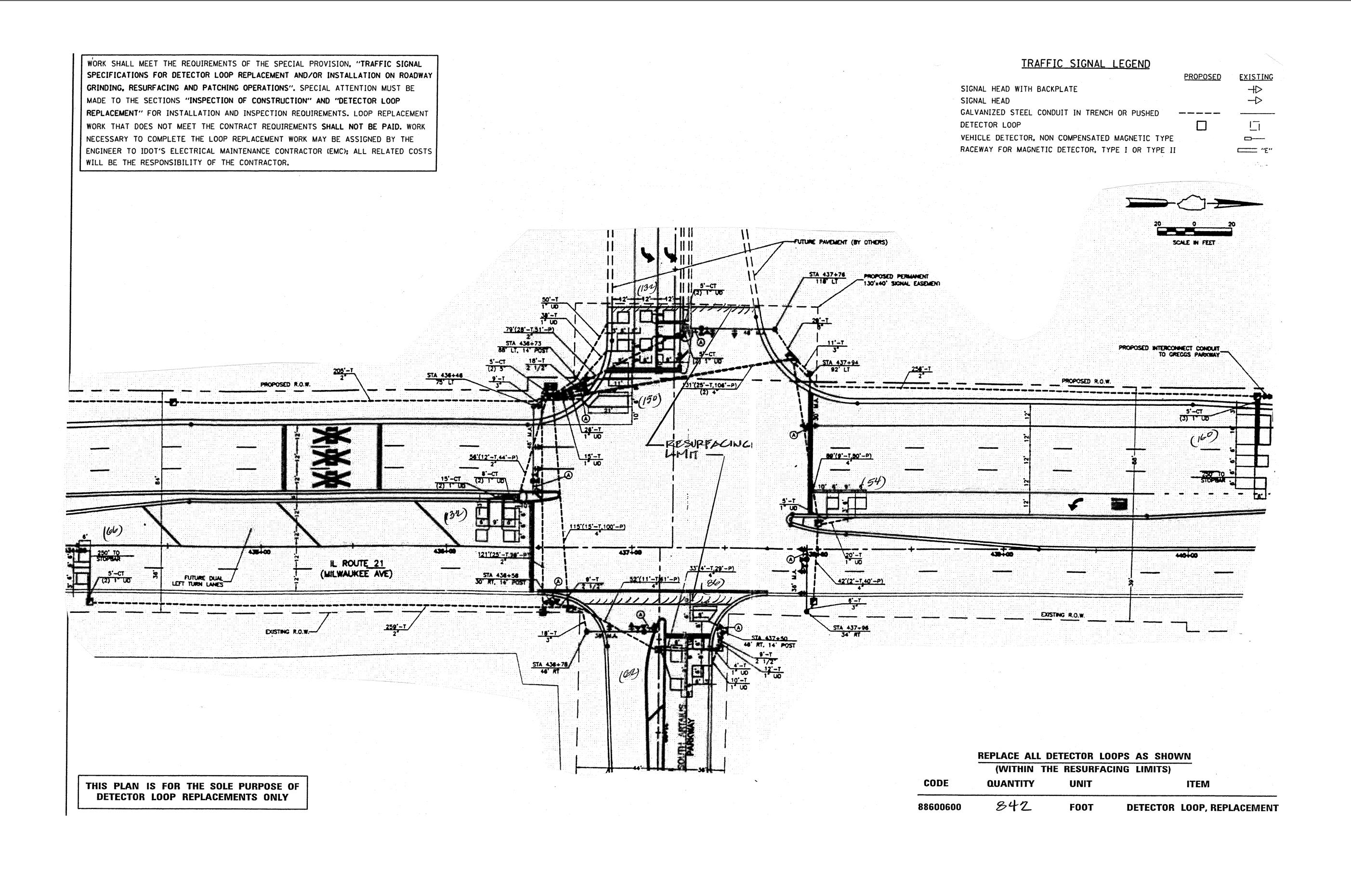
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	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT NO. 60X23
Default	PLOT DATE = 7/2/2014	DATE -	REVISED -								ILLINOIS FE	ald PROJECT



FILE NAME =		USER NAME = pyrzanowskirb	DESIGNED -	REVISED -				DETECTOR	INNP	PIANS		F.A.P	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
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		PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RTE. 21 (MILWAUKEE AVE.) AT RING RD.					NG KD.				T NO. 60X23
Default		PLOT DATE = 7/21/2014	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				TO STA.		ILLINOIS FED. A	ID PROJECT		



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	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		IL KIE. ZI	(IVIILVVA	UKEE AVI	:.) AI HULL	ISTER DR.			CONTRA	ACT NO. 60X23
Default	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEET	S STA.	TO STA.		ILLINOIS FEE). AID PROJECT	



FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -				DETEC	TOR L	OOP PLAI	VS		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEET	SHEET NO.
c:\pw_work\pwidot\pyrzanowskirb\d03565	BØ\D102214-sht-plan.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		II DTF 04 /R						330	(2&2A)RS-10	LAKE	42	23
	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		IL RTE. 21 (N	VIILVVAUK	KEE AV	E.) AI 5.	AKIAIUS F	PKVVY.			CONTRA	CT NO.	60X23
Default	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHI	EETS STA.		TO STA.		ILLINOIS FE	D. 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

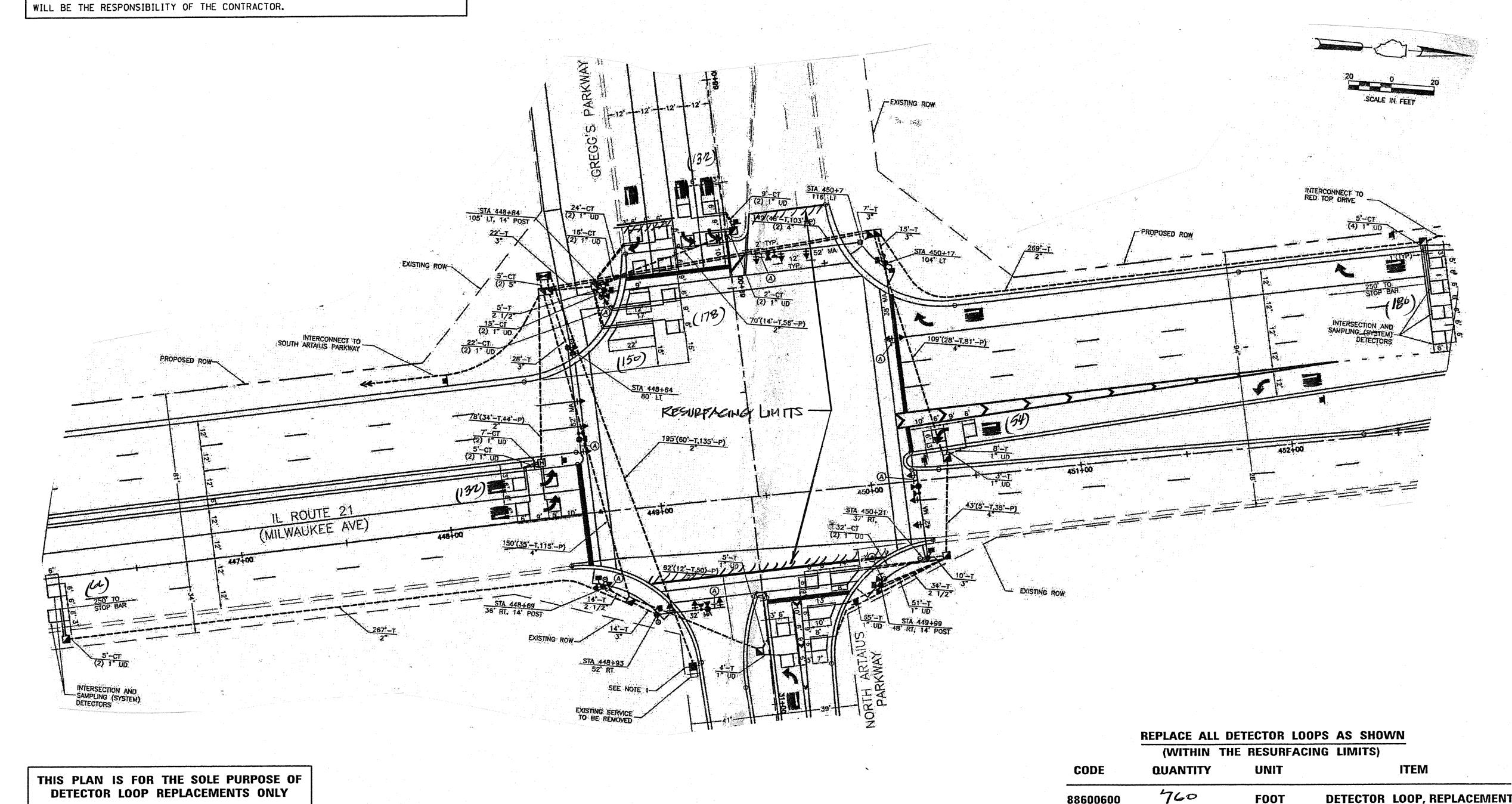
TRAFFIC SIGNAL LEGEND

	<u>PROPOSED</u>	EXISTIN
SIGNAL HEAD WITH BACKPLATE		$\rightarrow \triangleright$
SIGNAL HEAD		\rightarrow
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		—
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E

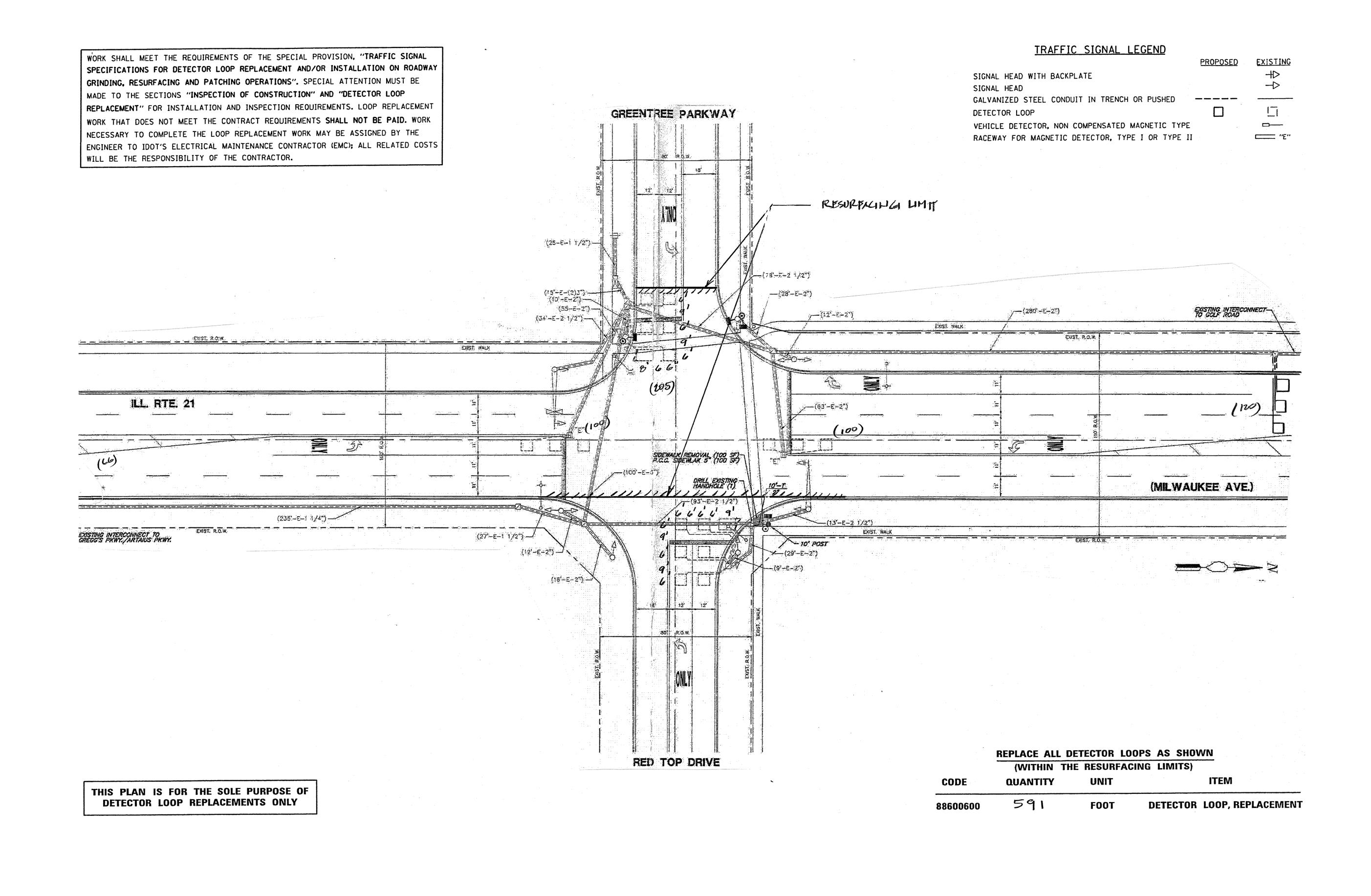
DETECTOR LOOP, REPLACEMENT

FOOT

88600600



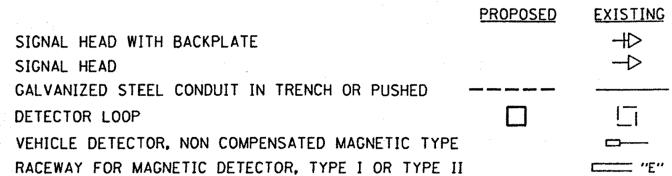
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	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		IL RIE. 21 (IV	/IILWAUK	EE AVE.) AT N. ART	IAIUS PKWY.			CONTRA	ACT NO. 60X23
Default	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS F	ED. AID PROJECT	

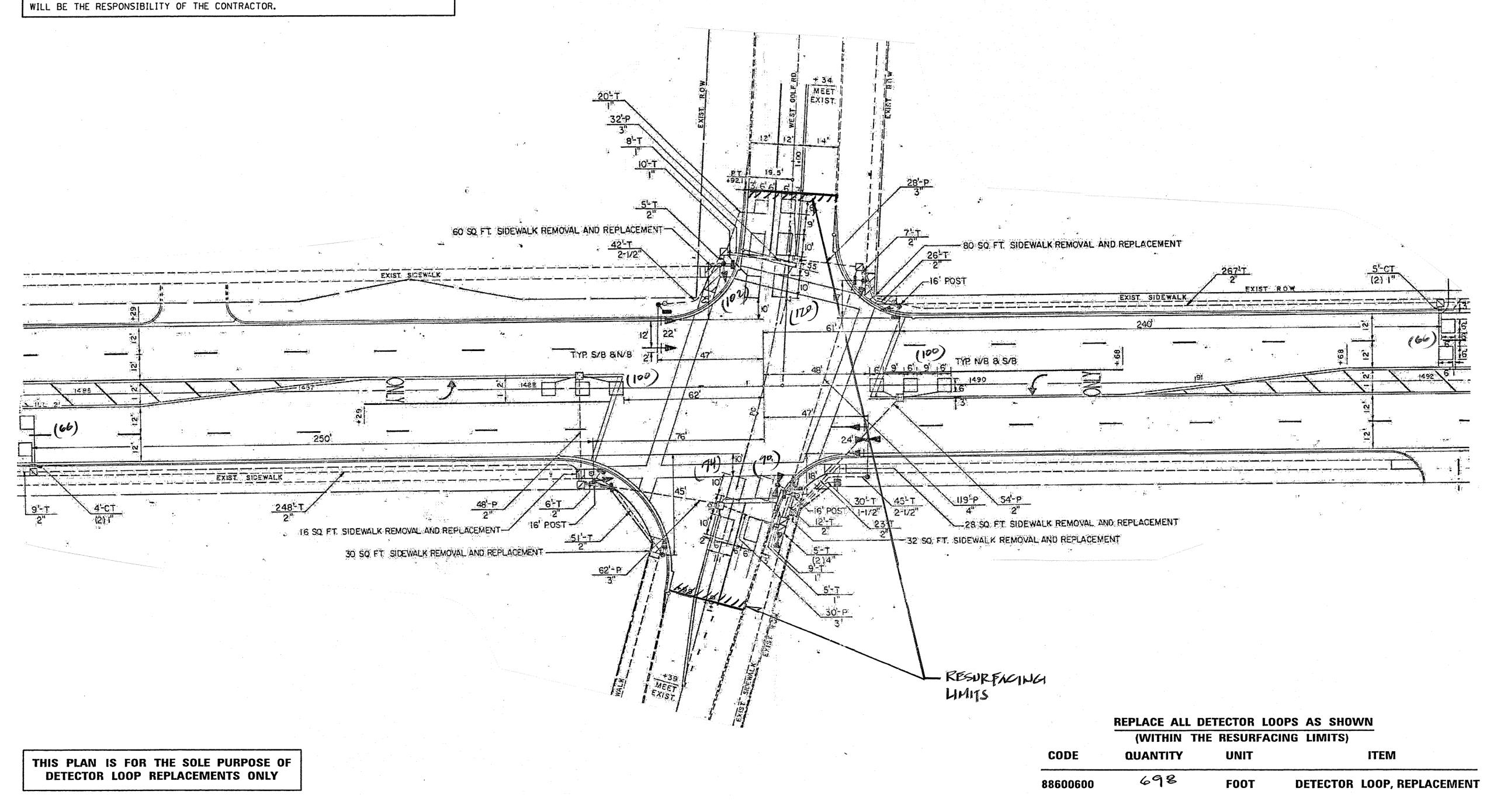


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	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		IL KIE. ZI	(WILVVAU	KEE AVE.) AT RED	אע זער טו.			CONTRAC	JT NO. 6)X23
Default	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FE	D. 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

TRAFFIC SIGNAL LEGEND





FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -		DETECTOR LOOP PLANS	F.A.P RTF	SECTION	COUNTY TOTAL SHEET
c:\pw_work\pw1dot\pyrzanowsk1	kirb\d0356580\D102214-sht-plan.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		330	(2&2A)RS-10	LAKE 42 26
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RTE. 21 (MILWAUKEE AVE.) AT W. GOLF RD.			CONTRACT NO. 60X23
Default	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED). AID PROJECT

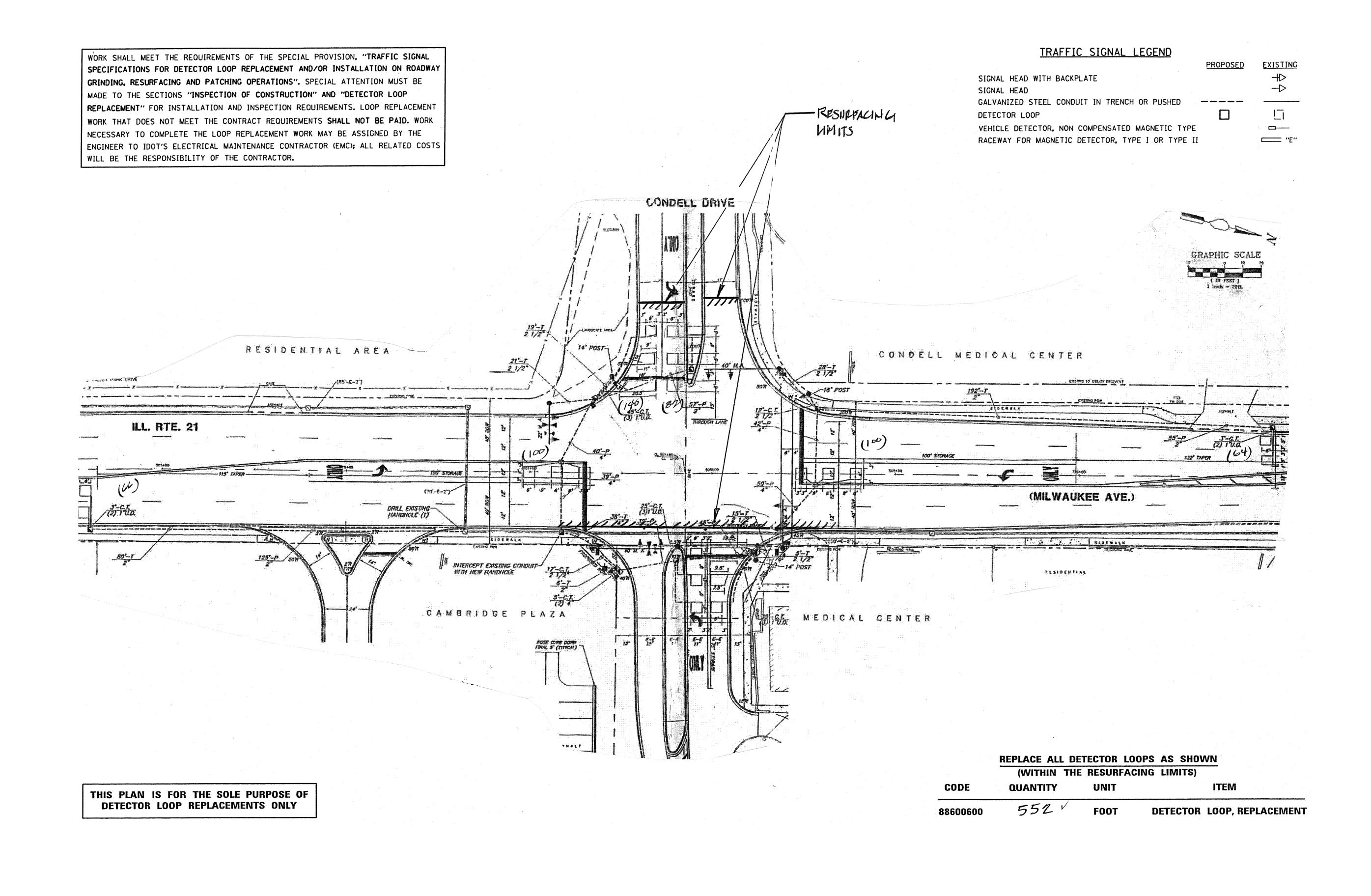
TRAFFIC SIGNAL LEGEND WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY PROPOSED EXISTING GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE SIGNAL HEAD WITH BACKPLATE SIGNAL HEAD MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT DETECTOR LOOP WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. SIDEWALK ILL. 21 (MILWAUKEE AVE.) - 150 SQ. FT. SIDEWALK REMOVAL AND REPLACEMENT

- RESIEFAGING LIMIT

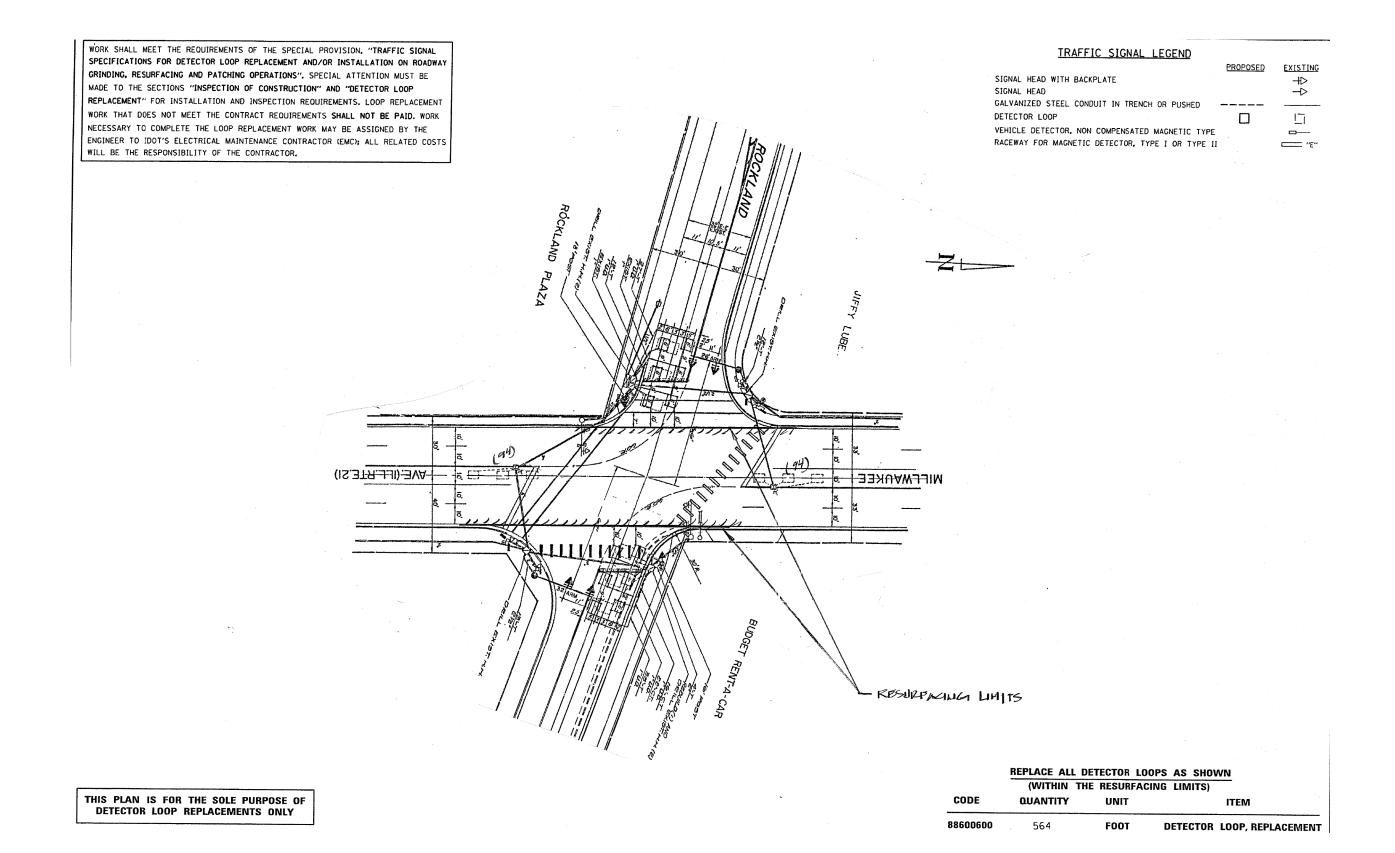
THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

	REPLACE ALL	DETECTOR LOOPS	AS SHOWN
	(WITHIN	THE RESURFACING	LIMITS)
CODE	QUANTITY	UNIT	TEM
88600600	355	FOOT D	ETECTOR LOOP, REPLACEMENT

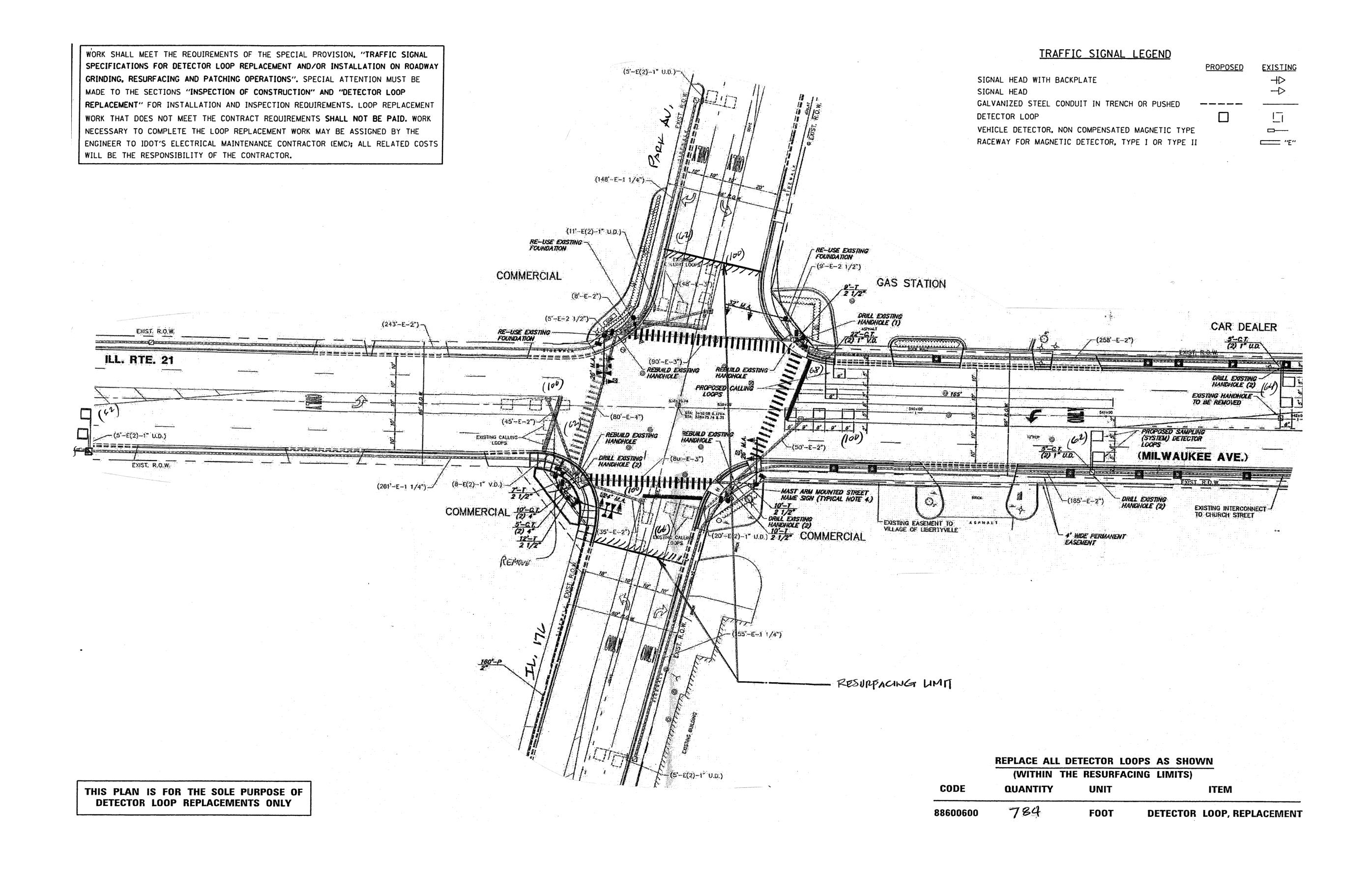
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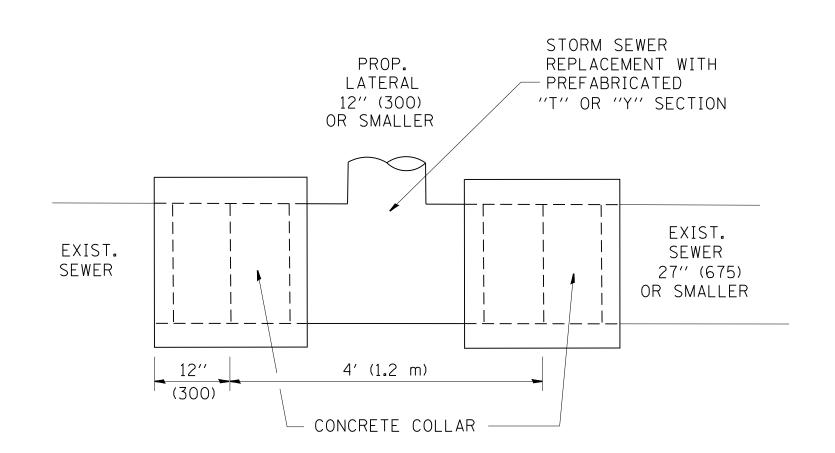
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	PLOT SCALE = 50.0000 '/ 1n.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RTE. 21 (MILWAUKEE AVE.) AT CONDELL DR.			CONTRACT NO. 60X23
Default	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FE	D. AID PROJECT



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	PLOT SCALE = 100,0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		IL RTE. 21 (I	WILWA	JKEE A	IVE.) A	AT ROCKLA	AND KD.			CONTRAC	T NO. 6	0X23
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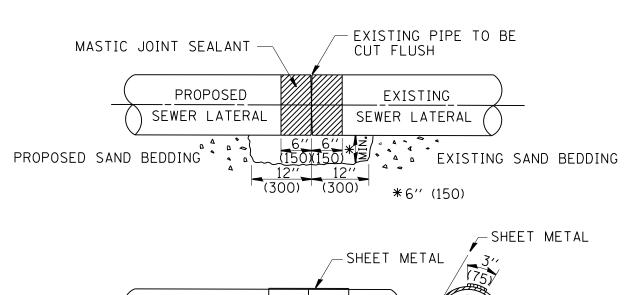


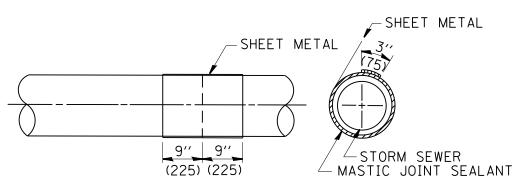
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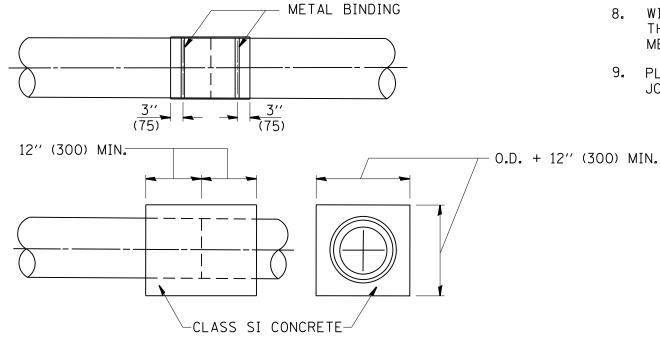


DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



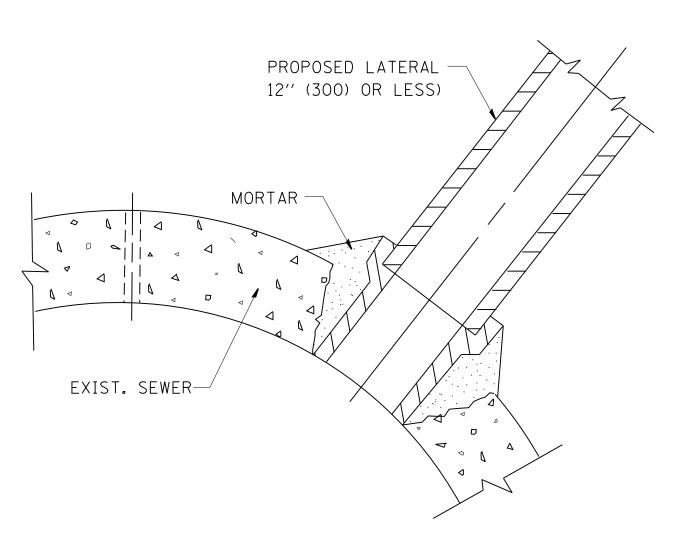




<u>DETAIL "B"</u>
CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- 2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- 3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' × 6' (300 × 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- 4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
- 5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- 6. LAP THE SHEET METAL AT LEAST 3" (75)
 AT THE TOP OF THE PIPE AND PLACE THE
 MASTIC JOINT SEALANT BETWEEN THE LAP.
- 7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- 8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- 9. PLACE CLASS SI CONCRETE AROUND THE



DETAIL "C"

PROPOSED LATERAL

CONNECTION TO EXISTING SEWER

OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

 A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER.

ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST

BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

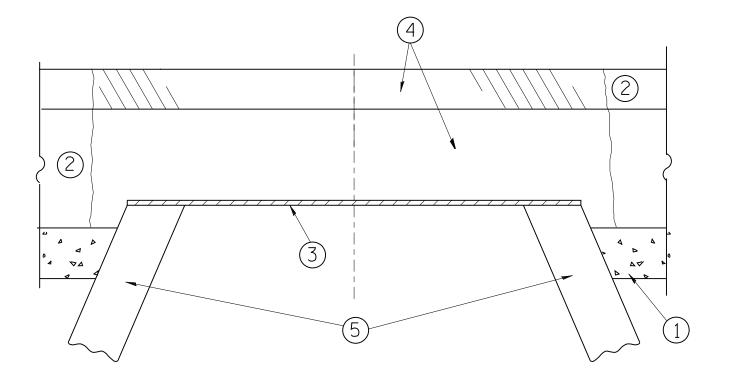
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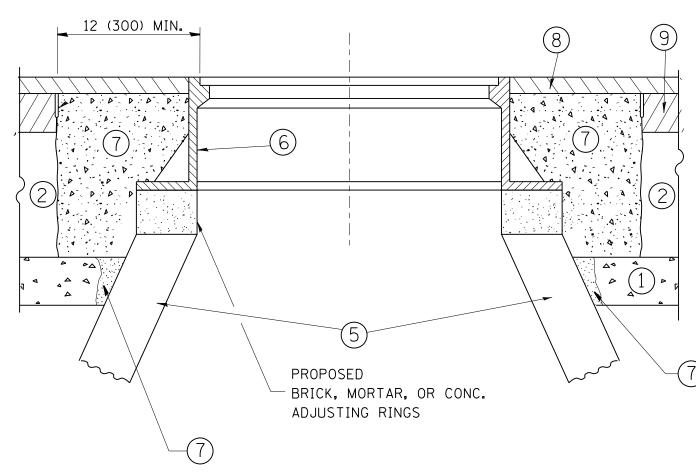
CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

FILE NAME =	USER NAME = pyrzanowskırb	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92
c:\pw_work\pwidot\pyrzanowskirb\dØ356580	\D102214-sht-plan.dgn	DRAWN -	REVISED - R. SHAH 09-09-94
	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED - R. SHAH 10-25-94
	PLOT DATE = 7/2/2014	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONNECTION TO EXISTING SEWER		330	(2&2A)RS-10	LAKE	42	31
COMMECTION TO EXISTING SEVER		BD500-01 (BD-7)	CONTRACT	NO. 6	0X23	
SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. R	OAD DIST. NO. 1 ILLINOIS FED. AI	D PROJECT		





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.

SCALE: NONE

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 $1\frac{1}{2}$ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

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

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

<u>LEGEND</u>

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

(5) EXISTING STRUCTURE

- 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:

TO STA.

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

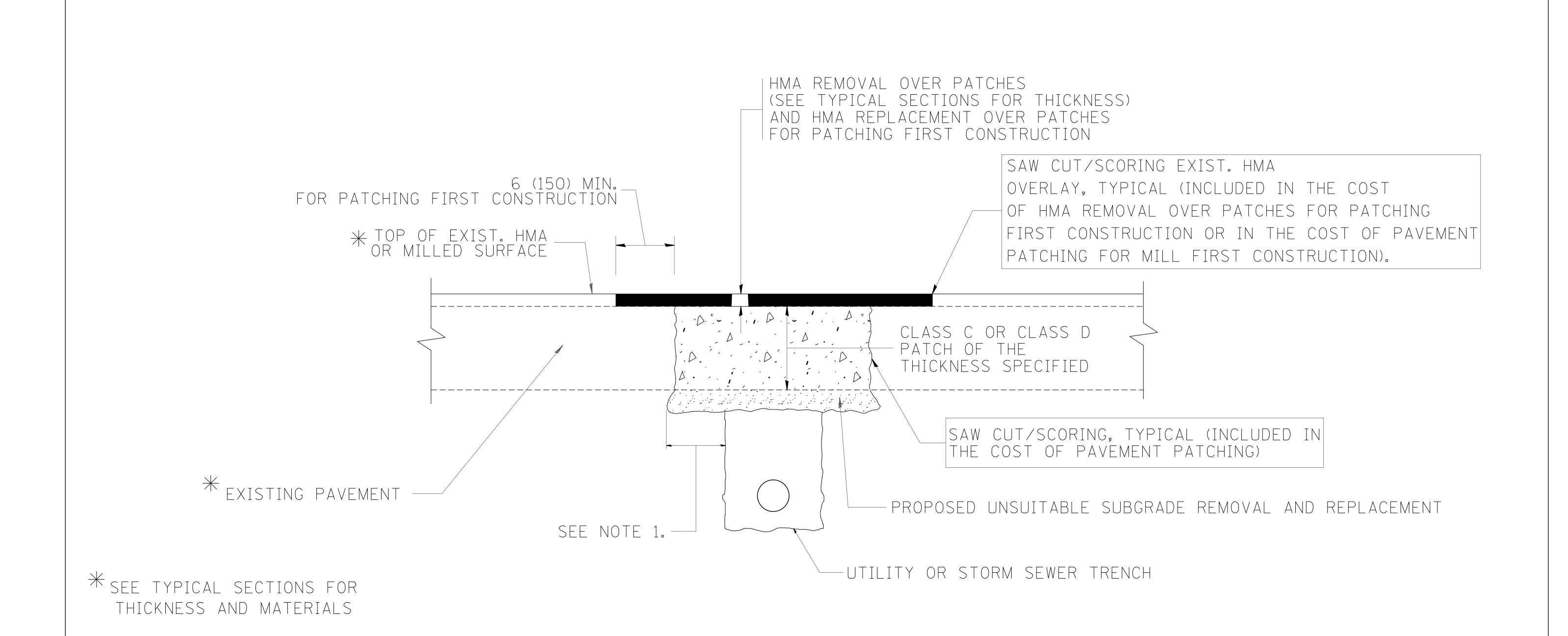
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	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 7/2/2014	DATE - 10-25-94	REVISED - R. BORO 12-06-11

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING SHEET NO. 1 OF 1 SHEETS STA.

SECTION (2&2A)RS-10 BD600-03 (BD-8)

42 32 CONTRACT NO. 60X23 FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



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)

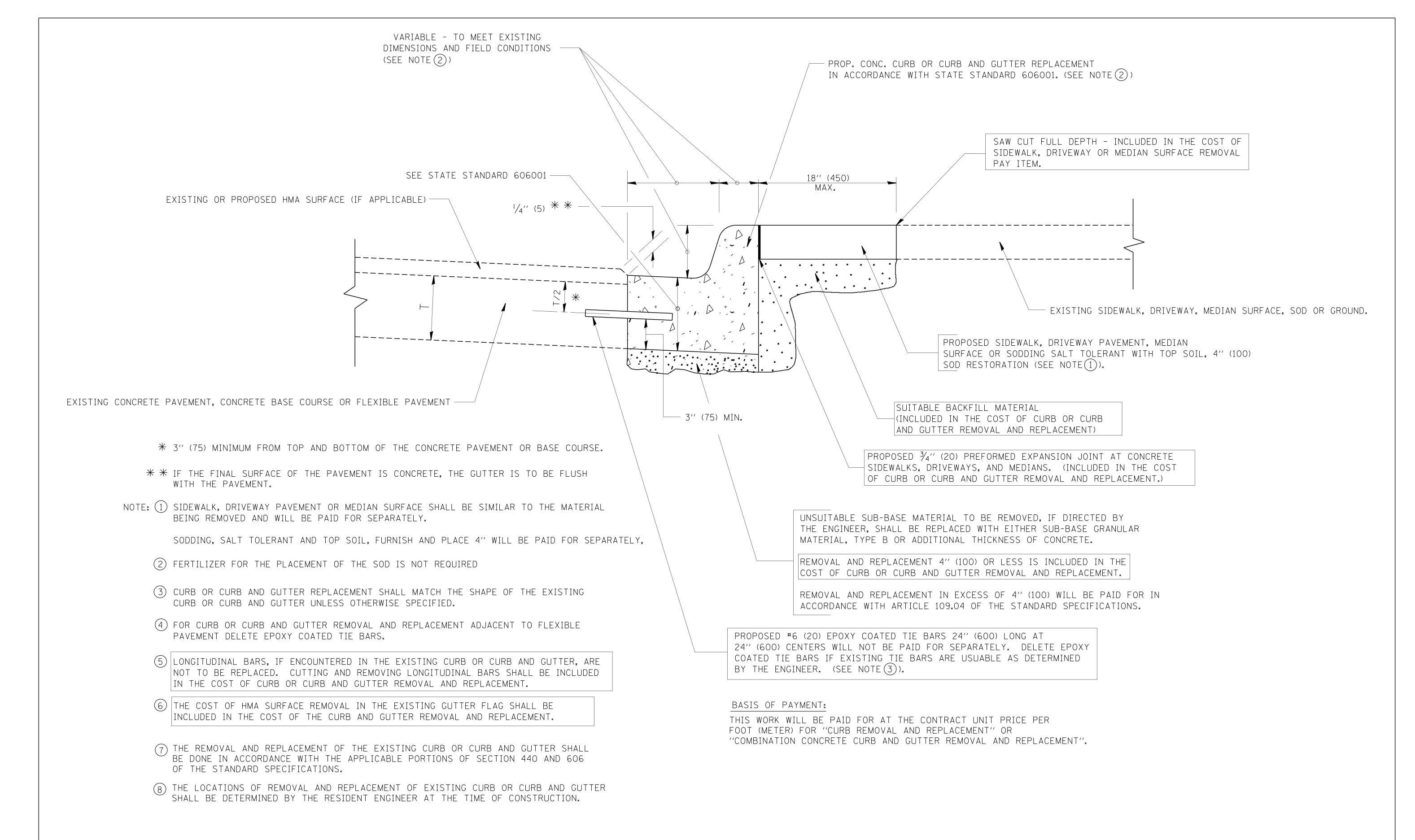
- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST $4/_2$ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

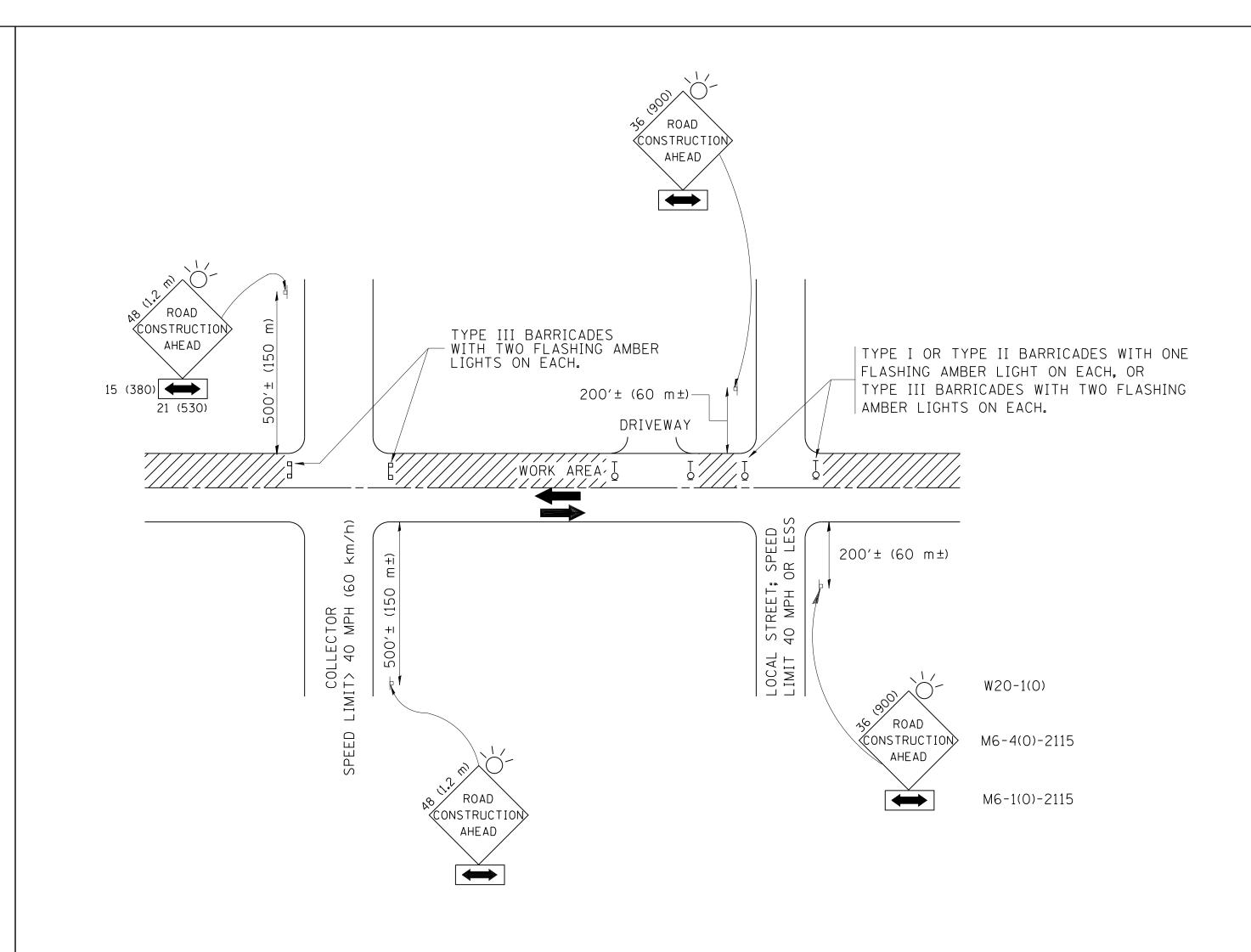
FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98		PAVEMENT PATCHING FOR	F.A.P. SECTION	COUNTY TOTAL SHEET
c:\pw_work\pwidot\pyrzanowskirb\dØ3565	580\D102214-sht-plan.dgn	DRAWN -	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS		330 (2&2A)RS-10	LAKE 42 33
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 09-04-07	DEPARTMENT OF TRANSPORTATION	HMA SURFACED PAVEMENT	BD400-04 (BD-22)	CONTRACT NO. 60X23
	PLOT DATE = 7/2/2014	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 JULINOIS FED. A	ID PROJECT



CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 01-22-0	DEPARTMENT OF TRANSPORTATION		NEIVIOVAL AIND NEPLAGEIVIEIVI	BD600-	-06 (BD-24)	CONTRACT NO. 60X23
	PLOT DATE = 7/2/2014	DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST.) PROJECT



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

NOTES:

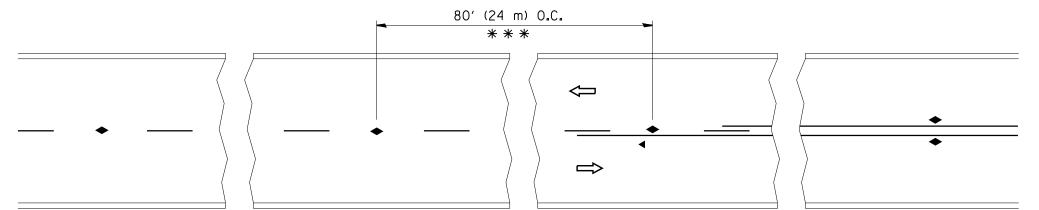
A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 × 48 (1.2 m × 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

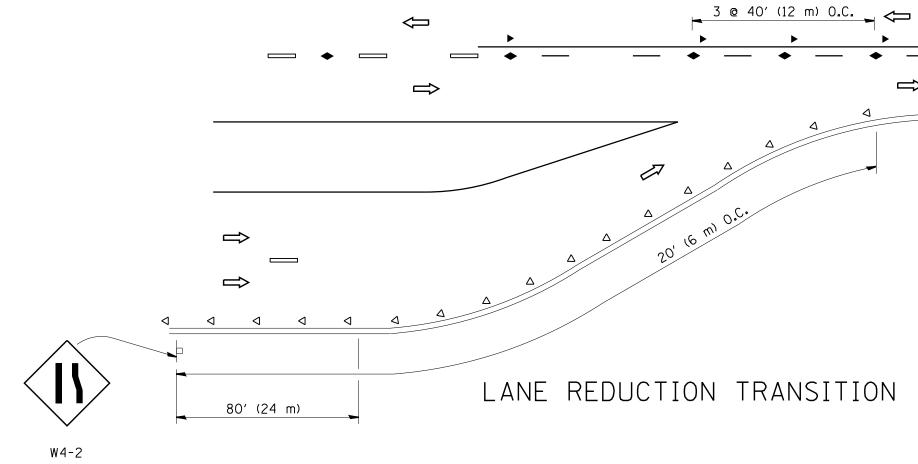
All dimensions are in millimeters (inches) unless otherwise shown.

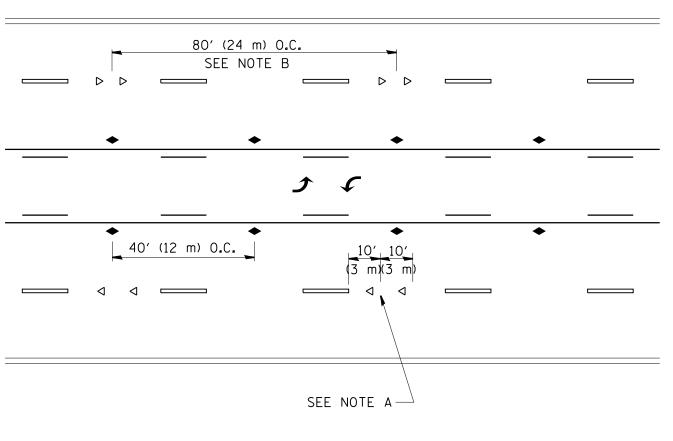
FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95		TRAFFIC CONTROL AND PROTECTION FOR				SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\pyrzanowskirb\d035658	ND102214-sht-plan.dgn	DRAWN -	REVISED - A. HOUSEH 03-06-96	STATE OF ILLINOIS		SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		330	(2&2A)RS-10	LAKE	42	35
	PLOT SCALE = 50.0000 '/ 1n.	CHECKED -	REVISED - A. HOUSEH 10-15-96	DEPARTMENT OF TRANSPORTATION					TC-10	CONTRACT	Γ NO. 6	,0X23
	PLOT DATE = 7/2/2014	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO S	STA.	FED. ROAD DI	IST. NO. 1 ILLINOIS FED	. AID PROJECT		



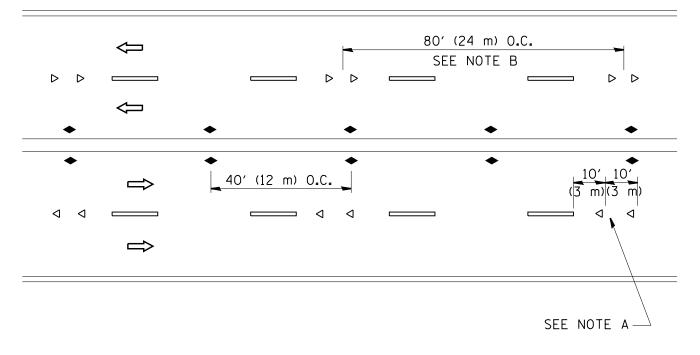
* * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO-LANE/TWO-WAY

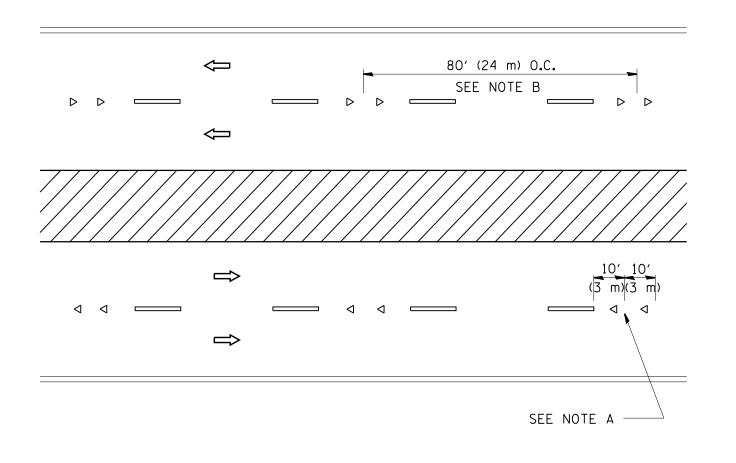




TWO-WAY LEFT TURN



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.

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.

SYMBOLS

----- YELLOW STRIPE

── WHITE STRIPE

- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (₩/O)
- ◆ TWO-WAY AMBER MARKER

DESIGN NOTES

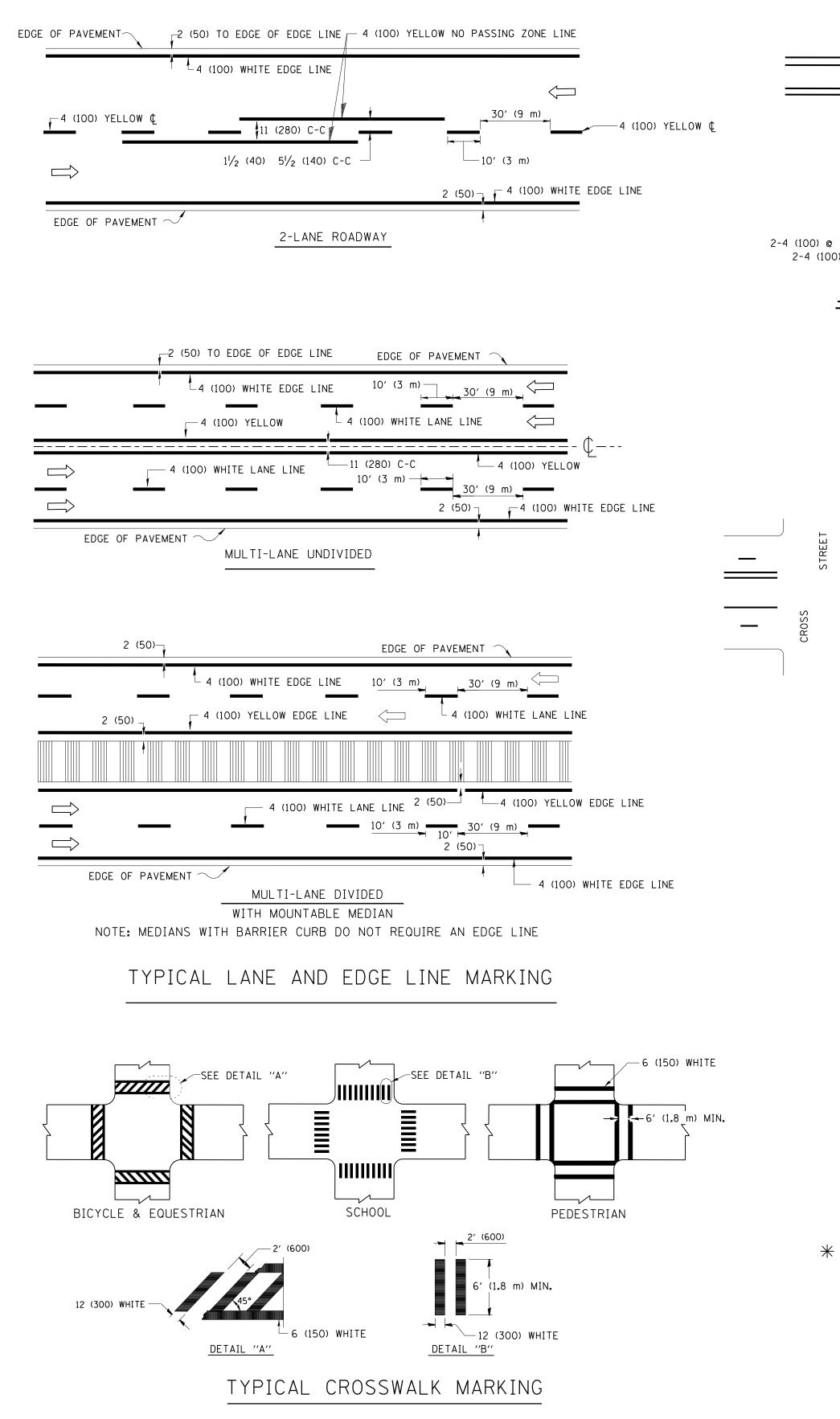
- 1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- 2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- 3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD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

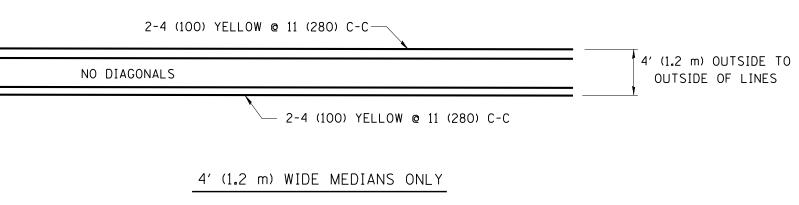
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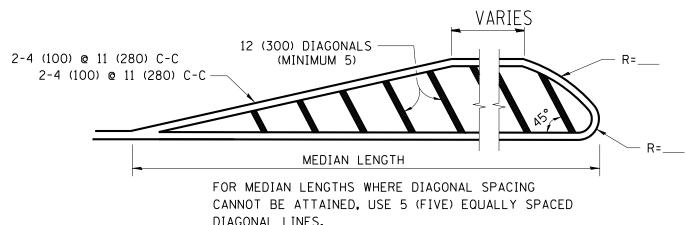
LEFT TURN

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

FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED - T. RAMMACHER 09-19-94			TYPICAL APPLICATIONS	RTE.	SECTION	COUNTY SHEETS NO.
c:\pw_work\pwidot\pyrz	zanowskırb\d0356580\D102214-sht-plan.dgn	DRAWN -	REVISED - T. RAMMACHER 03-12-99	STATE OF ILLINOIS	DAICED		330	(2&2A)RS-10	LAKE 42 36
	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -T. RAMMACHER 01-06-00	DEPARTMENT OF TRANSPORTATION	KAISED	REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)		TC-11	CONTRACT NO. 60X23
	PLOT DATE = 7/2/2014	DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. RC		D PROJECT

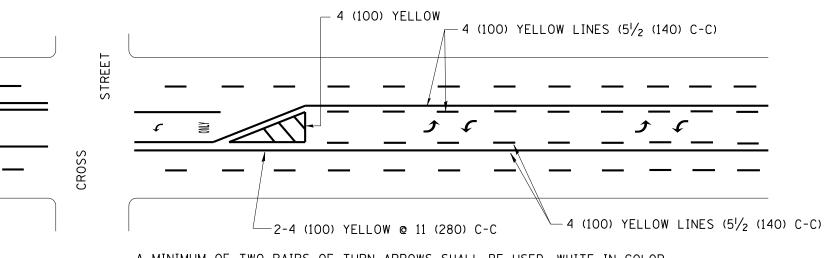




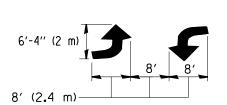


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

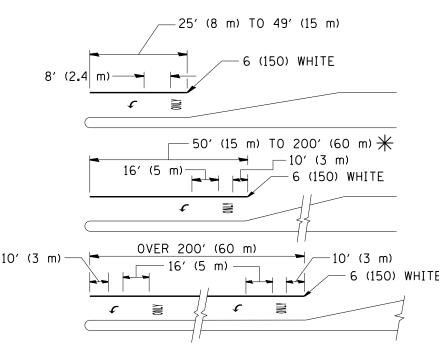


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

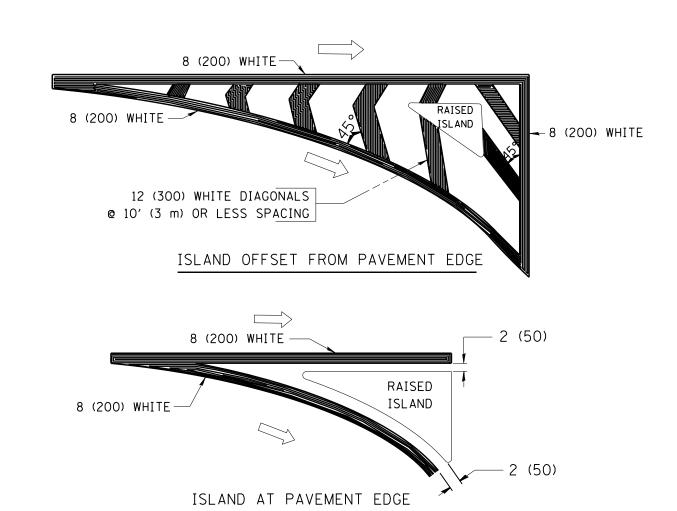


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. \P AREA = 15.6 SQ. FT. (1.5 m²) **()||||** AREA = 20.8 SQ. FT. (1.9 m²)

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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

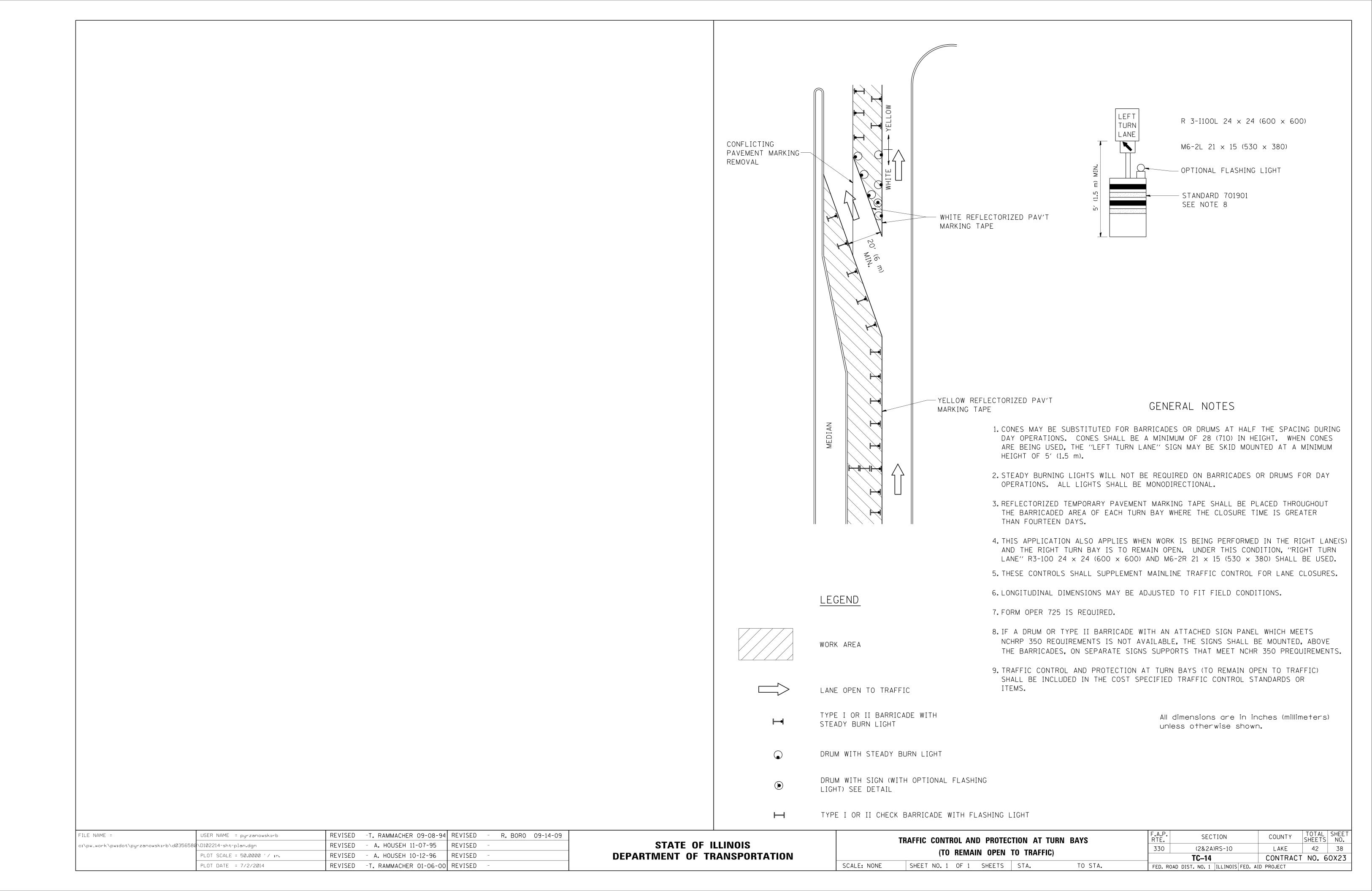
	,			
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (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	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 51/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	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 (0VER 45MPH (70 km/h))

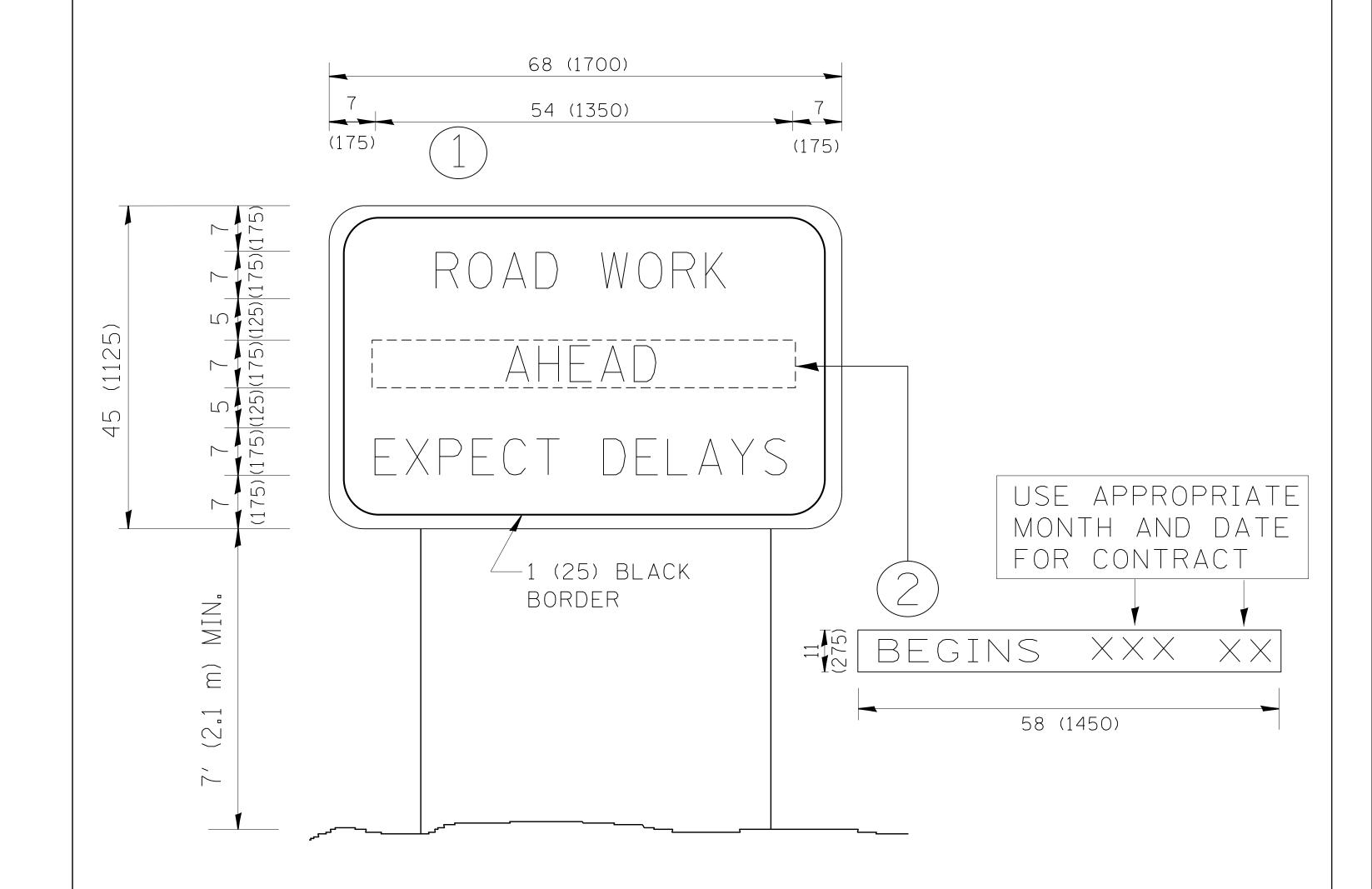
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters)

unless otherwise shown.

FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94		DISTRICT ONE	RTF	SECTION	COUNTY	SHEETS NO.
c:\pw_work\pwidot\pyrzanowskirb\d0356580	\D102214-sht-plan.dgn	DRAWN -	REVISED -C. JUCIUS 09-09-09	STATE OF ILLINOIS		330	(2&2A)RS-10	LAKF	42 37
	PLOT SCALE = 50.0000 ' / 1n.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS		TC-13	CONTRAC	T NO. 60X23
	PLOT DATE = 7/2/2014	DATE - 03-19-90	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD D		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 = pyrzanowskirb	DESIGNED -	REVISED - R. MIRS 09-15-97			ARTERIAL ROAD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\pyrzanowskirb\d035658	ND102214-sht-plan.dgn	DRAWN -	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS		INFORMATION SIGN		330	(2&2A)RS-10	LAKE	42	39
	PLOT SCALE = 50.0000 '/ 1n.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION					TC-22	CONTRACT	NO. 6	,0X23
	PLOT DATE = 7/2/2014	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. ROAD	DIST. NO. 1 ILLINOIS FED.	. AID PROJECT		

WITH NEAR-SIDE TRAFFIC SIGNALS WITH INTERSECTION TRAFFIC SIGNALS SEE NOTE 3 __ 12" (300 mm) 12" (300 mm)→ _ 6" (150 mm), WHITE 45° TO PAVEMENT ¢ — 4' (1200 mm) SEE NOTE 3 CAUTION SEE NOTE 2 ON SHEET 2 XXFTBETWEEN TRACKS AND HIGHWAY NEAR-SIDE TRAFFIC SIGNAL

DO NOT

STOP

ON

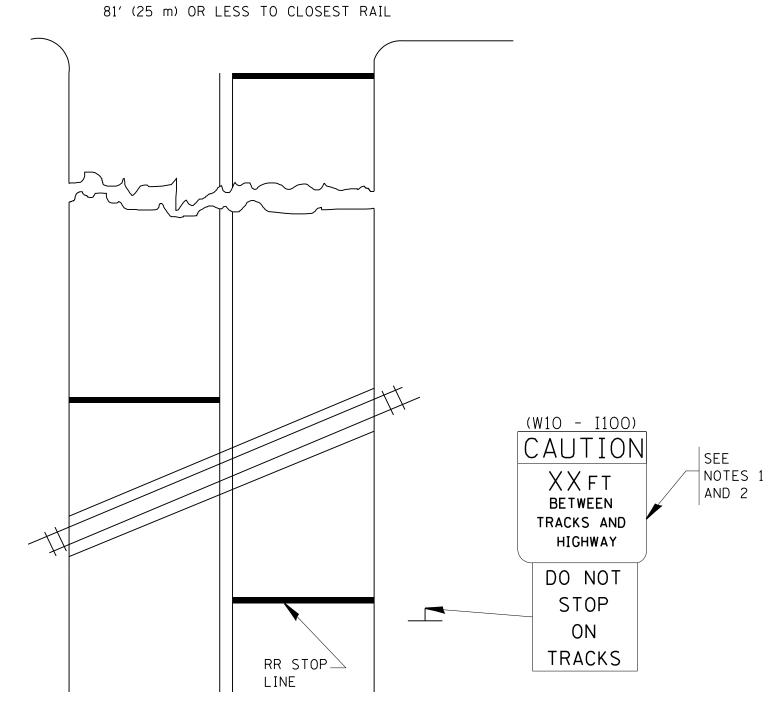
TRACKS

NOTES:

RR STOP

- 1. PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- 2. WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED, THE PAVEMENT MARKINGS EXTENDS TO THE INTERSECTION.
- 3. WHERE THE ANGLE BETWEEN THE DIAGONAL STRIPES AND THE TRACK (Ø) WOULD BE LESS THAN APPROXIMATELY 20°, THE STRIPES SHOULD BE SLOPED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

WITH NONSIGNALIZED INTERSECTION

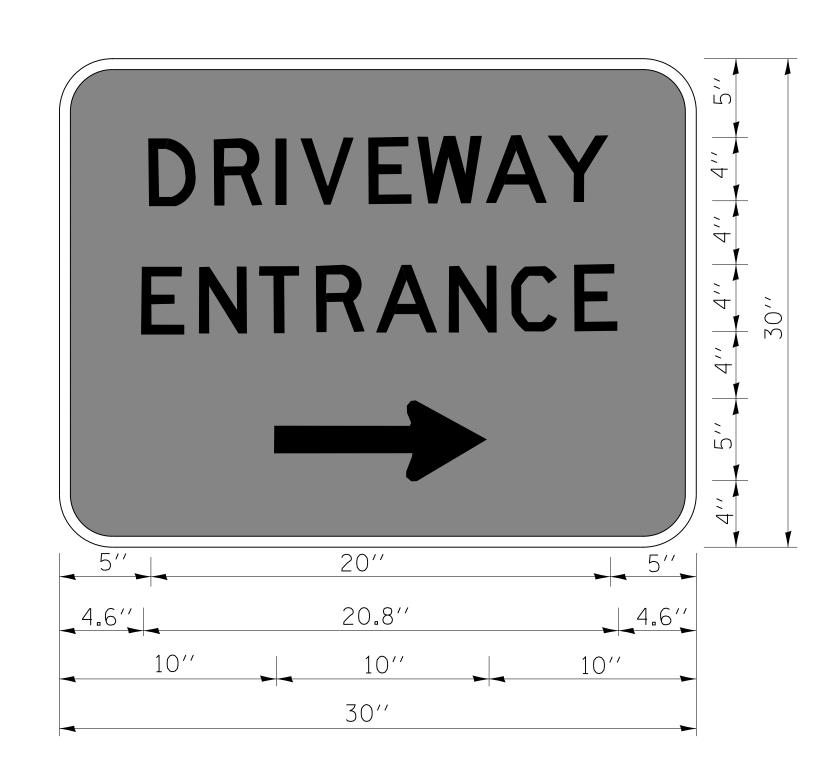


NOTE :

- 1. DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET (1.8 m) FROM THE RAIL CLOSEST TO THE INTERSECTION TO THE STOP LINE OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET (1.5 m). WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE THE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- 2. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6-FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION.

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

FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED - 01-01-07		TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING	F.A.P.	SECTION	COUNTY	OTAL SHEET
c:\pw_work\pwidot\pyrzanowskirb\d03	56580 \D102214-sht-plan.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		330	(2&2A)RS-10	LAKE	42 40
	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	TREATMENT FOR RAILROAD CROSSINGS		TC-23	CONTRACT	NO. 60X23
	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD	D DIST. NO. 1 ILLINOIS FED.	AID PROJECT	



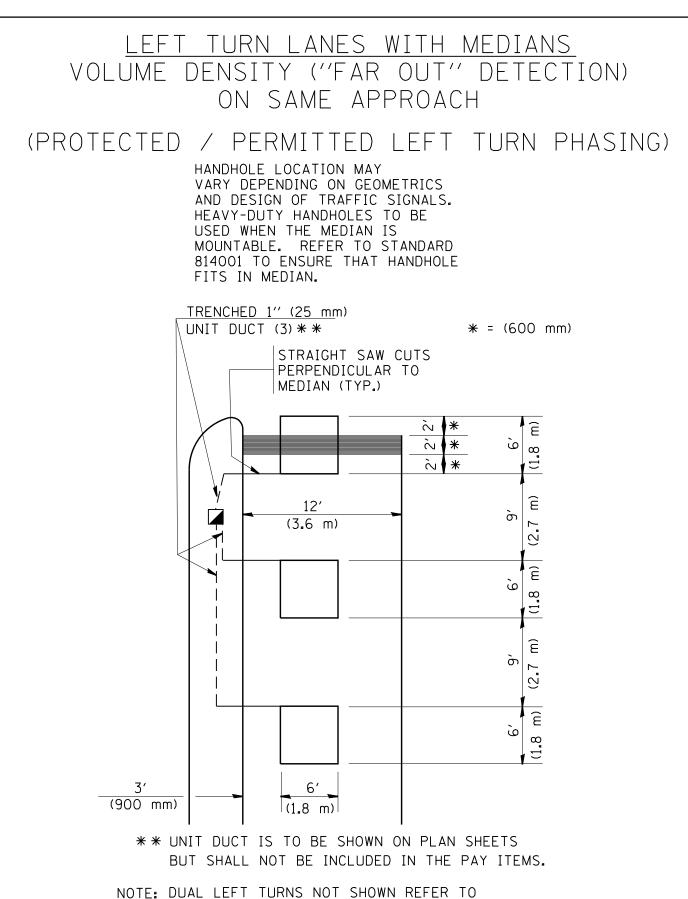
3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" × 5.0"

NOTES:

- 1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
- 2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
- 3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED - C. JUCIUS 02-15-07			DRIVEWAY ENTRANCE SIGNING		F.A.P.	SECTION	COUNTY	TOTAL	SHEET NO.
c:\pw_work\pwidot\pyrzanowskirb\d035658	30\D102214-sht-plan.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		DITIVEVVAT ENTHANGE SIGNING		330	(2&2A)RS-10	LAKE	42	41
	PLOT SCALE = 50.0000 '/ 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					TC-26	CONTRACT	T NO. 6	SOX23
	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. ROAD D	IST. NO. 1 ILLINOIS FER	. AID PROJECT		

LOOPS NEXT TO SHOULDERS PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER. PAVED OR NON-PAVED SHOULDER |(1.5 m)| (1.8 m)|(1.5 m)| * 1" (25 mm) UNIT DUCT-TRENCHED (3.0 m)(3.0 m)TO E/P ** * = (600 mm)* * UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS. /ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)



PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING) * = (600 mm)(1.8 m)

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

SCALE: NONE

(3.6 m)

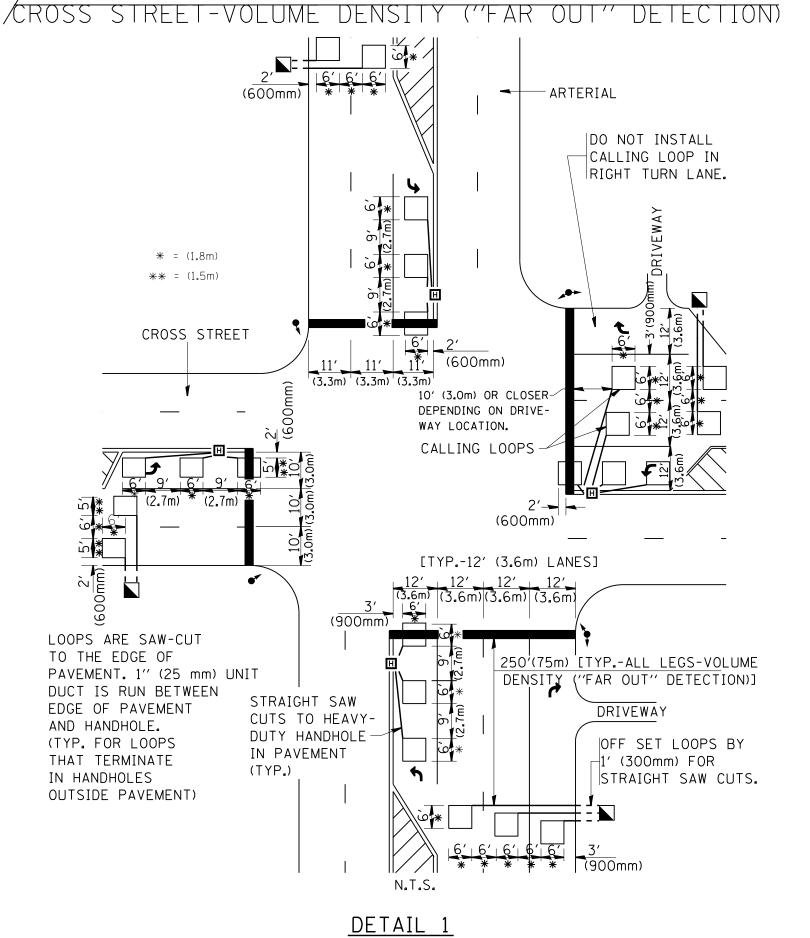
STRAIGHT SAW CUT TO HEAVY

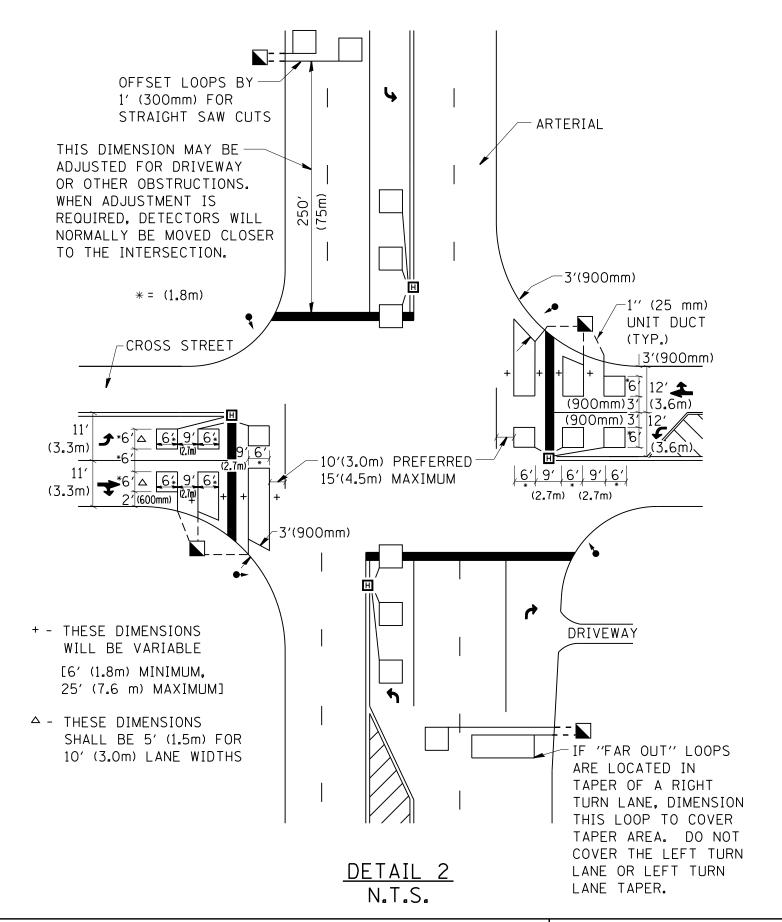
SECOND LOOP AS SHOWN.

DUTY HANDHOLE (TYP.) PLACE HEAVY DUTY HANDHOLE BETWEEN FIRST AND

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)

(900 mm)





NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE). USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -
c:\pw_work\pwidot\pyrzanowskirb\dØ356580	\D102214-sht-plan.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000 '/ in.	CHECKED - R.K.F.	REVISED -
	PLOT DATE = 7/2/2014	DATE -	REVISED -

STATE OF ILLINOIS					
DEPARTMENT OF TRANSPORTATION					

DISTRICT 1 - DETECTOR LOOP INSTALLATION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.	
	DETAILS FOR ROADWAY RESURFACING		330	(2&2A)RS-10	LAKE	42	42	
	DETAILS FOR ROADWAT RESONTACING			TS-07		CONTRACT	NO. 60	0X23
	SHEET NO. 1 OF 1 SHEE	IS STA.	TO STA.	FED B	OAD DIST NO 1 ILLINOIS FED A	ID PROJECT		