

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	1
ILLINOIS			CONTRACT NO. 62C95	

\*80+1 = 81 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE CITY OF CHICAGO AND THE TOWNSHIP OF CICERO

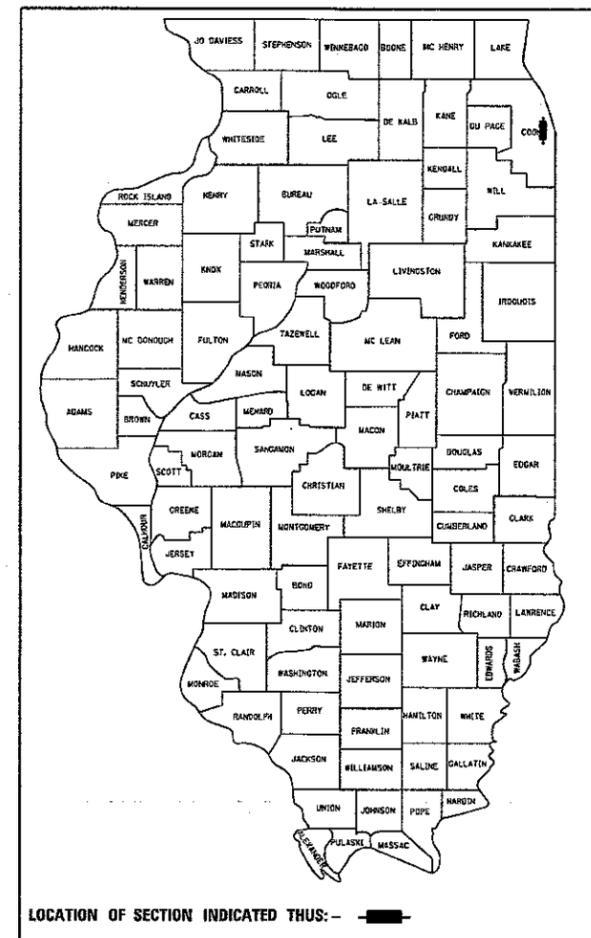
TRAFFIC DATA:  
2015 ADT: 20,700 - 37,700  
POSTED SPEED LIMIT: 20 MPH - 35 MPH

DESIGN DESIGNATION:  
FAP 350 (IL ROUTE 50): OTHER PRINCIPAL ARTERIAL

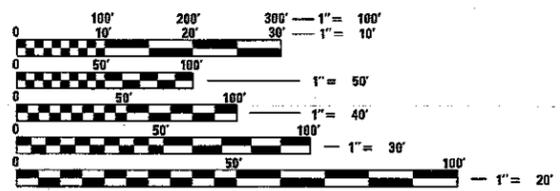
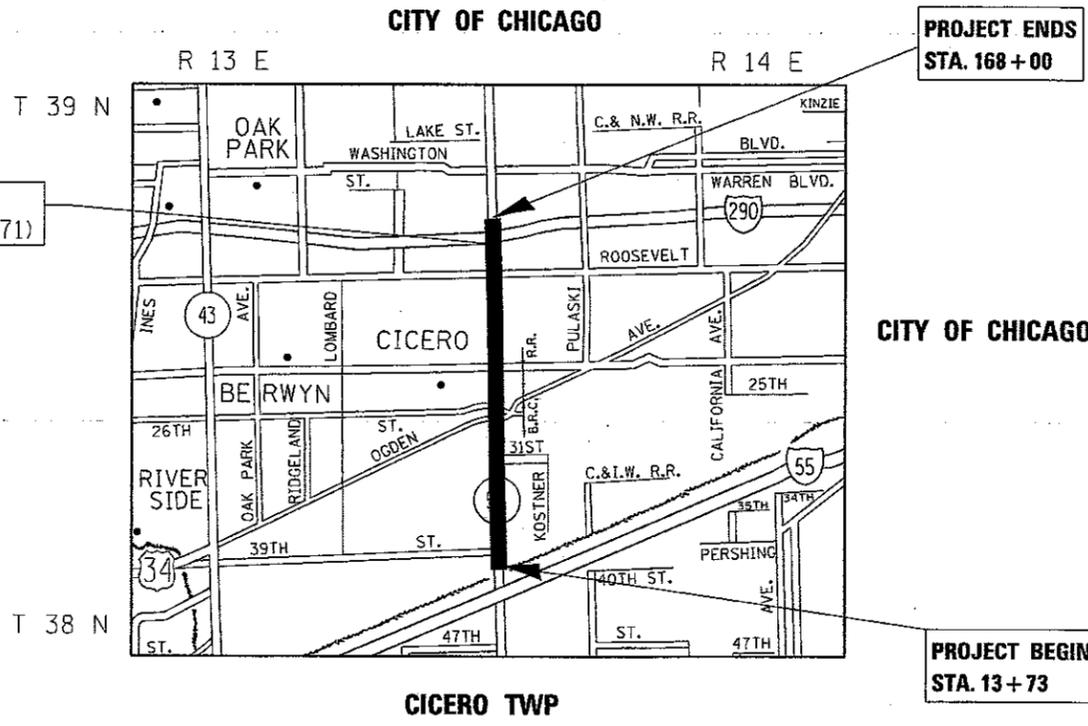
# PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 350: IL 50 (CICERO AVE)  
CONGRESS PARKWAY TO CC&P RAILROAD  
SECTION: 50 & 57RS-1  
PROJECT: NHPP-AKRA(156)  
RESURFACING (3P), PEDESTRIAN RAMPS  
COOK COUNTY

C-91-413-16



OMISSION 1  
(STA. 158+71 TO STA. 160+71)



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

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

PROJECT ENGINEER: DANIEL WILGREEN (847) 705-4240  
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62C95

GROSS LENGTH = 15,427 FT. = 2.92 MILE  
NET LENGTH = 15,227 FT. = 2.88 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED DECEMBER 8 20 17

*Anthony J. Aringolo* /MS  
REGIONAL ENGINEER

Feb 2 20 18

*Paul P. [Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

*Paul P. [Signature]*  
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

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7	PATCHING SCHEDULE
8-9	TYPICAL SECTIONS
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60	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-8)
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72-73	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS (TC-23)
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80	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)

**STATE STANDARDS**

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-10	PERPENDICULAR CURB RAMPS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442101-08	CLASS B PATCHES
424021-04	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-04	FRAME AND LIDS TYPE 1
604086-03	FRAME AND GRATE TYPE 23
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701427-05	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS <= 40 MPH

**STATE STANDARDS (CONTINUED)**

STANDARD NO.	DESCRIPTION
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
814001-03	HANDHOLES

**GENERAL NOTES**

NOTE NO.	DESCRIPTION
1	BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION AT 8-1-1 OR (800) 892-0123 OR "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 FOR FIELD LOCATION OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
2	IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3	TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND CONDITIONS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
4	THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES THE TOWNSHIP OF CICERO & THE CITY OF CHICAGO.
8	IN VARIOUS LOCATIONS THROUGHOUT THE PROJECT, EXISTING ASPHALT OVERLAYS THE EXISTING CONCRETE GUTTER FLAG. REMOVAL OF ASPHALT ON THE GUTTER FLAG SHALL BE INCLUDED IN THE UNIT COST OF HOT-MIX ASPHALT SURFACE REMOVAL, 2/4 INCH.
6	THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
7	SAW CUTTING OF PAVEMENTS, SIDEWALK, CURB & GUTTER, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.
8	DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
9	THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
10	WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL, BETWEEN PASSES OF THE MILLING MACHING SHALL NOT EXCEED 1.5 INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRAD DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF MILLING IS SLOPED A MINIMUM OF 1:3 (V/H).
11	UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.

**GENERAL NOTES (CONTINUED)**

NOTE NO.	DESCRIPTION
12	BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKING SHALL BE AS DIRECTED BY THE ENGINEER.
13	PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
14	THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
15	THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, PATRICE HARRIS AT PATRICE.HARRIS@ILLINOIS.GOV AT LEAST TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
16	ALL PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, DRAINAGE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
17	BUTT JOINTS WILL BE INSTALLED AT THE END OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE THE "BUTT JOINT AND HMA TAPER DETAILS" INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
18	MATCH EXISTING PAVEMENT AT THE PROJECT LIMITS.
19	ALL DAMAMGE TO EXISTING PAVEMENT MARKINGS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
20	THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
21	THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
22	THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
23	ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
24	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 SEPERATE PAY ITEM HAS BEEN PROVIDED.
25	FOR WORK OUTSIDE THE LIMITS OF THE BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED.
26	CONTRACTOR SHALL MILL & PAVE UP TO R.R. CROSSING PANELS.
27	PROPOSED SIDEWALK RAMPS SHALL CONFORM TO CURRNET ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
28	THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
29	THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

FILE NAME =	USER NAME = Bilgramia	DESIGNED -	REVISED - 11-22-16 D.W.	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 50 (CICERO AVE) - CONGRESS PARKWAY TO CC&amp;P INDEX OF SHEETS, STATE STANDARDS &amp; GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Default	CHECKED -	REVISED -			350	50 & 57RS-1	COOK	80	2	
		DATE -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			
								CONTRACT NO. 62C95			

**CITY OF CHICAGO NOTES**

NOTE NO.	DESCRIPTION
1	BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED).
2	THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.
3	ALL CATCH BASINS IN THE CITY OF CHICAGO MUST MEET THE DEPARTMENT OF SEWERS' STANDARDS.
4	PERFORATED LIDS SHALL BE PLACED ON ALL MANHOLES AND CATCH BASINS.
5	BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE IMPROVEMENT CAN BE OBTAINED IN SUITE 410 - 333 SOUTH STATE STREET, CHICAGO, IL 60604. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPLACEMENT OF ANY BENCH MONUMENT IF DAMAGED OR DESTROYED DURING CONSTRUCTION.
6	ALL BROKEN, CRACKED, WORN OR OTHERWISE DAMAGED OR BICYCLE UNSAFE FRAMES AND LIDS ON SEWER STRUCTURES, SHALL BE REPLACED WITH NEW DEPARTMENT OF SEWERS' STANDARD FRAMES AND LIDS.
7	OPEN LID DRAINAGE STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION OF THIS ROADWAY WITHOUT THE WRITTEN PERMISSION FROM THE CITY OF CHICAGO.
8	CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY OF CHICAGO AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
9	PERMITS FROM THE DEPARTMENT OF SEWERS ARE REQUIRED FOR ALL UNDERGROUND STORM, SANITARY OR COMBINED SEWER SYSTEM CONSTRUCTION, AND FOR RESURFACING WORK INVOLVING ADJUSTMENT OF SEWER STRUCTURES. THE DEPARTMENT OF SEWERS' PERMIT MUST BE OBTAINED BY A LICENSED SEWER DRAIN LAYER PRIOR TO START OF CONSTRUCTION.
10	THE CONTRACTOR SHALL TAKE EXTRA CARE AND PRECAUTION WHEN REPAIRING THE CONCRETE CURB AND GUTTER AT LOCATIONS WHERE EXISTING TREES ARE PRESENT.

FILE NAME =	USER NAME = currgew	DESIGNED -	REVISED - 11-22-16 D.W.	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 50 (CICERO AVE) - CONGRESS PARKWAY TO CC&amp;P INDEX OF SHEETS, STATE STANDARDS &amp; GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pws\11.084EBID\INTEG:11inois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI418\BID\State\Design\DI41316-ahg-gannote.dgn	PLT SCALE = 100.0000 / 1"	CHECKED -	REVISED -			350	50 & 57RS-1	COOK	80	3	
Default	PLT DATE = 12/14/2017	DATE -	REVISED -			CONTRACT NO. 62C95		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE			
20101700	SUPPLEMENTAL WATERING	UNIT	14	14			
20200100	EARTH EXCAVATION	CU YD	168	168			
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	289	289			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	6	6			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	6	6			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	6	6			
25200110	SODDING, SALT TOLERANT	SO YD	289	289			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	76717	76717			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	16	16			
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	2328	2328			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	418	418			
42000060	WELDED WIRE REINFORCEMENT	SO YD	180	180			
42001300	PROTECTIVE COAT	SO YD	2364	2364			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	16528	16528			
42400800	DETECTABLE WARNINGS	SO FT	820	820			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE			
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	50810	50810			
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	67	67			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	160	160			
44000600	SIDEWALK REMOVAL	SO FT	16384	16384			
44003100	MEDIAN REMOVAL	SO FT	246	246			
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SO YD	491	491			
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SO YD	60	60			
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SO YD	120	120			
44201299	DOWEL BARS 1 1/2"	EACH	1200	1200			
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	214	214			
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	110	110			
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	94	94			
44213200	SAW CUTS	FOOT	3669	3669			
44213204	TIE BARS 3/4"	EACH	90	90			
56109210	WATER VALVES TO BE ADJUSTED	EACH	5	5			

\* = SPECIALTY ITEMS

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FILE NAME =	USER NAME = Bigrmsa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
OFFICE =	PROJECT =	CHECKED -	REVISED -					350	50 & 57RS-1	COOK	80	4
PLDT SCALE = 100,000' / 1"	DATE =	DATE -	DATE -					CONTRACT NO. 62C95				
PLDT DATE = 12/15/2017	DATE -	DATE -	DATE -					FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

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URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE			
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	2	2			
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2	2			
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	7	7			
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	11	11			
60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1			
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	15	15			
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	59	59			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	160	160			
60624600	CORRUGATED MEDIAN	SO FT	246	246			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	168	168			
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6			
67100100	MOBILIZATION	L SUM	1	1			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1			

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE			
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	8556	8556			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	4621	4621			
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	1038	1038			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	41501	41501			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	5913	5913			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	596	596			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1203	1203			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	827	827			
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	4278	4278			

\* = SPECIALTY ITEMS

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URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE				
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1				
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	24	24				
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1				
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	24	24				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	1038	1038				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	41501	41501				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5913	5913				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	596	596				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1203	1203				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	827	827				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1589	1589				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1589	1589				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE				
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	14	14				
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	4008	4008				
89502376	REBUILD EXISTING HANDHOLE	EACH	18	18				
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	LSUM	1	1				
X0320067	BENCH REMOVAL	EACH	1	1				
X0327149	RELOCATE BENCH	EACH	1	1				
X4060004	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80	TON	6045.4	6045.4				
X4240800	DETECTABLE WARNINGS (SPECIAL)	SO FT	377	377				
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SO YD	2028	2028				
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	150	150				
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	43	43				
X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	20	20				

\* = SPECIALTY ITEMS

02 12

13

FILE NAME =	USER NAME = Btgramss	DESIGNED -	REVISED -
Offices\Dist1\ad\Projects\441318\CADData\Design\441318		DR	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	
PLOT DATE = 12/15/2017	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	6
CONTRACT NO. 62C95				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

0 Rev

REV



NORTHBOUND PAVEMENT PATCHING SCHEDULE									SOUTHBOUND PAVMENT PATCHING SCHEDULE								
STA.	DIRECTION	LANE	LENGTH (FT.)	WIDTH (FT.)	PATCH AREA (SY)	PATCH TYPE	PATCH CLASS	SPECIALTY NOTES	STA.	DIRECTION	LANE	LENGTH (FT.)	WIDTH (FT.)	PATCH AREA (SY)	PATCH TYPE	PATCH CLASS	SPECIALTY NOTES
14+00	NB	1	8	12	10.67	II	B		14+90	SB	3	6	12	8.00	II	B	
14+00	NB	2	8	12	10.67	II	B	PP-5 Concrete	14+90	SB	2	6	12	8.00	II	B	PP-5 Concrete
14+00	NB	3	8	12	10.67	II	B		14+90	SB	1	6	12	8.00	II	B	
15+25	NB	1	8	12	10.67	II	B		14+90	SB	LEFT TURN	6	12	8.00	II	B	
15+25	NB	2	8	12	10.67	II	B	PP-5 Concrete	15+40	SB	3	6	12	8.00	II	B	
15+25	NB	3	8	12	10.67	II	B		15+40	SB	2	6	12	8.00	II	B	PP-5 Concrete
21+20	NB	MEDIAN	6	12	8.00	II	B		15+40	SB	1	6	12	8.00	II	B	
25+65	NB	2	8	12	10.67	II	B	PP-5 Concrete	15+40	SB	LEFT TURN	6	12	8.00	II	B	
27+00	NB	2	8	12	10.67	II	B	PP-5 Concrete	22+90	SB	3	6	12	8.00	II	B	
30+25	NB	1	6	12	8.00	II	B		22+90	SB	2	6	12	8.00	II	B	PP-5 Concrete
30+25	NB	2	6	12	8.00	II	B	PP-5 Concrete	25+80	SB	2	6	12	8.00	II	B	PP-5 Concrete
31+10	NB	2	6	12	8.00	II	B	PP-5 Concrete	25+80	SB	1	6	12	8.00	II	B	
31+50	NB	LEFT TURN	8	12	10.67	II	B		27+90	SB	3	6	12	8.00	II	B	
33+70	NB	1	10	12	13.33	II	B		27+90	SB	1	6	12	8.00	II	B	
33+70	NB	2	10	12	13.33	II	B	PP-5 Concrete	27+90	SB	MEDIAN	6	12	8.00	II	B	
38+50	NB	1	8	12	10.67	II	B		28+20	SB	3	8	12	10.67	II	B	
38+50	NB	2	8	12	10.67	II	B	PP-5 Concrete	28+50	SB	1	8	12	10.67	II	B	
45+10	NB	MEDIAN	6	12	8.00	II	B		29+10	SB	3	6	12	8.00	II	B	
47+00	NB	2	6	12	8.00	II	B	PP-5 Concrete	30+60	SB	3	6	12	8.00	II	B	
47+50	NB	1	6	12	8.00	II	B		32+60	SB	3	6	12	8.00	II	B	
54+25	NB	1	8	12	10.67	II	B		32+60	SB	2	6	12	8.00	II	B	PP-5 Concrete
66+15 to 144+00	NB	VAR	VAR	VAR	106.67	II	D		32+60	SB	1	6	12	8.00	II	B	
66+15 to 144+00	NB	VAR	VAR	VAR	54.84	III	D		44+10	SB	1	6	12	8.00	II	B	
66+15 to 144+00	NB	VAR	VAR	VAR	56.00	IV	D		45+90	SB	2	6	12	8.00	II	B	
144+00	NB	1	25	12	66.67	IV	B		46+10	SB	LEFT TURN	8	12	10.67	II	B	
144+00	NB	2	25	12	33.33	IV	B		49+10	SB	2	6	12	8.00	II	B	PP-5 Concrete
145+30	NB	1	6	12	8.00	II	B		50+20	SB	2	6	12	8.00	II	B	PP-5 Concrete
145+50	NB	2	6	12	8.00	II	B		66+15 to 144+00	SB	VAR	VAR	VAR	106.67	II	D	
146+25	NB	2	6	12	8.00	II	B		66+15 to 144+00	SB	VAR	VAR	VAR	54.84	III	D	
148+10	NB	2	40	12	53.33	IV	B		66+15 to 144+00	SB	VAR	VAR	VAR	46.67	IV	D	
148+50	NB	LEFT TURN	15	12	20.00	III	B		144+25	SB	2	6	12	8.00	II	B	
148+90	NB	2	10	12	13.33	II	B		145+10	SB	2	8	12	10.67	II	B	
					<b>TOTAL=</b>			<b>638.84</b>	148+70	SB	2	15	12	20.00	III	B	
									148+70	SB	1	15	12	20.00	III	B	
														<b>TOTAL=</b>			<b>490.84</b>

- NOTES:**
- FOR ALL CLASS B PATCHES LOCATED IN THE MIDDLE LANE (LANE 2) OF A 3-LANE SECTION (PER DIRECTION), CLASS PP-5 CONCRETE SHALL BE USED.
  - CLASS D PATCH LOCATIONS SHALL BE DETERMINED BY THE RESIDENT ENGINEER.
  - PATCHING STATIONS ARE APPROXIMATE AND ALL FINAL PATCHING LOCATIONS SHALL BE DETERMINED BY THE RESIDENT ENGINEER.

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USER NAME = curryw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	7
<b>CONTRACT NO. 62C95</b>				
ILLINOIS FED. AID PROJECT				

### HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS (%) @ Ndes	OMP
-PAVEMENT RESURFACING-		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE STONE MATRIX ASPHALT, 9.5, N80	3.5% @ 80 CYR.	QCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 CYR.	QCP
-PATCHING-		
CLASS D PATCH (HMA BINDER IL-19 mm)	4% @ 70 CYR.	QC/OA
<b>OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP), PAY FOR PERFORMANCE (PFP)</b>		

**NOTES:**

QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

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

THE "AC TYPE" FOR POLYMERIZED HMA MIXTURES 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 DISTRICT ONE SPECIAL PROVISIONS

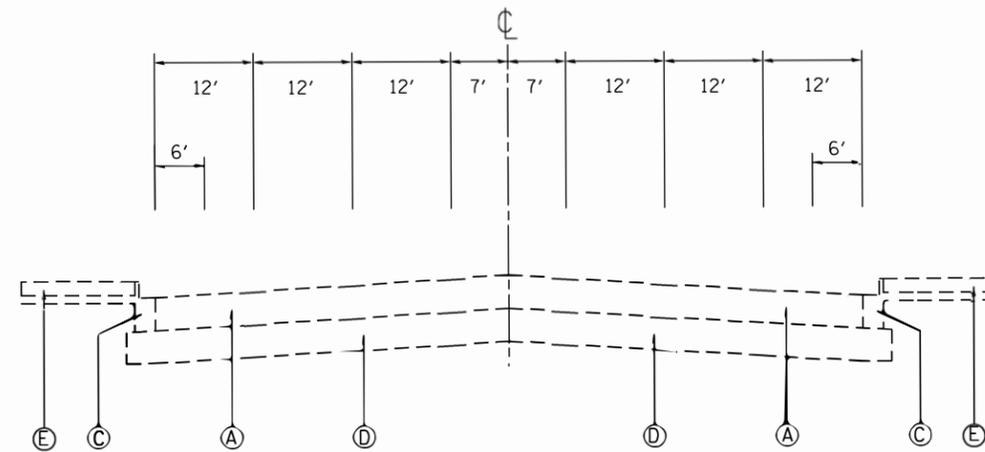
MILLING SHALL BE DONE PRIOR TO PATCHING

**EXISTING:**

- (A) EXIST. PCC. PAVEMENT (10 1/2")
- (B) EXIST. HOT-MIX ASPHALT SURFACE (BEFORE MILLING), 4 1/2"-5"
- (C) EXIST. C.C.C.&G, TYPE B-6.24
- (D) EXIST. AGGREGATE SUBGRADE 12"
- (E) EXISTING SIDEWALK
- (F) EXISTING RAISED MEDIAN

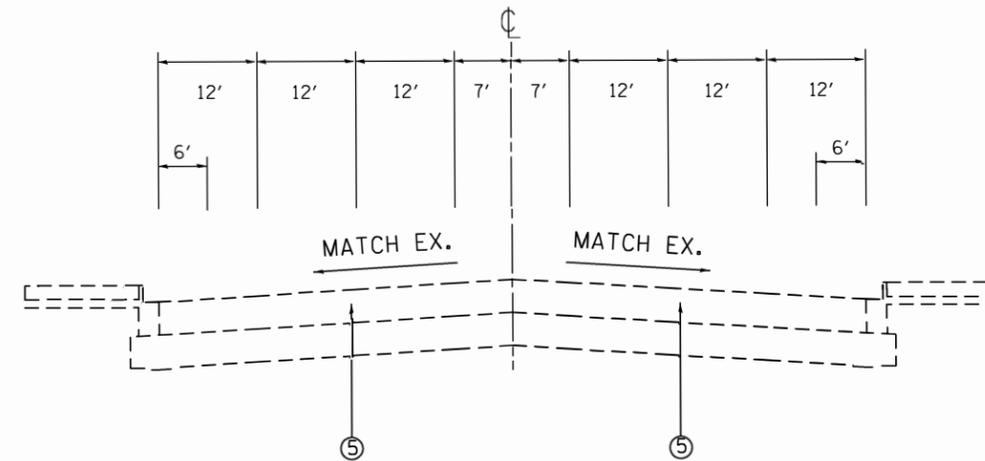
**PROPOSED:**

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- (2) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- (3) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (4) PROPOSED PCC SURFACE REMOVAL, VAR. DEPTH
- (5) PROPOSED CLASS B PATCHES
- (6) HMA TAPER (SEE DETAIL BD-33)



**EXISTING TYPICAL SECTION IL-50/(CICERO)**

STA. 13+19.00 TO STA. 66+15.00



**PROPOSED TYPICAL SECTION IL-50/(CICERO)**

STA. 13+19.00 TO STA. 66+15.00

CENTER LINE RUMBLE STRIPS ARE TO BE PLACED ACCORDING TO "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY" DETAIL.

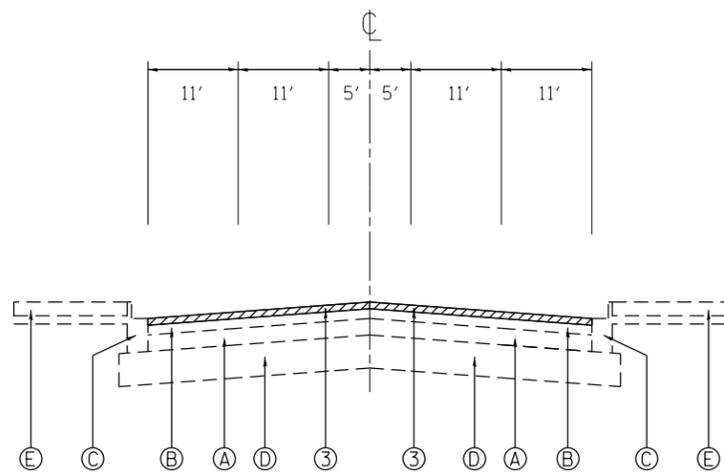
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pw\11084EBIDINTEG\Illinois.gov\PIW00T\Documents\DOT Offices\District 1\Projects\014181\Drawings\Design\0141316-shr-typical.dgn		CHECKED -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	350	50 & 57RS-1	COOK	80	8
Default		DATE -	REVISED -								CONTRACT NO. 62C95				
											ILLINOIS FED. AID PROJECT				

**EXISTING:**

- (A) EXIST. PCC. PAVEMENT (10'-12")
- (B) EXIST. HOT-MIX ASPHALT SURFACE (BEFORE MILLING), 4 1/2"-6"
- (C) EXIST. C.C.C.&G, TYPE B-6.24
- (D) EXIST. AGGREGATE SUBGRADE 12"
- (E) EXISTING SIDEWALK
- (F) EXISTING RAISED MEDIAN

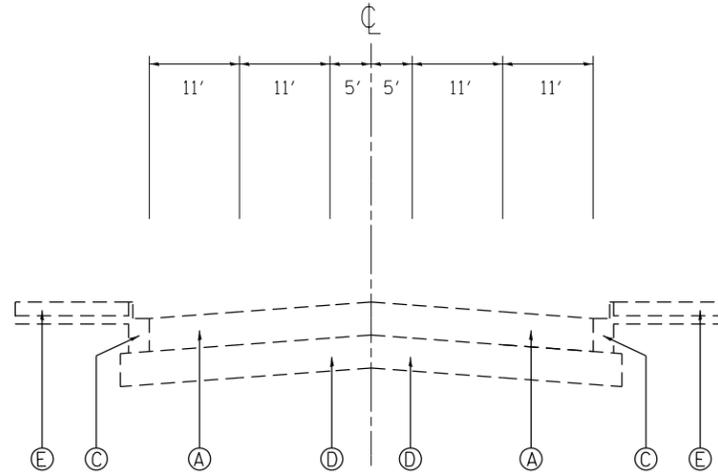
**PROPOSED:**

- ① PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ② PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- ③ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ④ PROPOSED PCC SURFACE REMOVAL, VAR. DEPTH
- ⑤ PROPOSED CLASS B PATCHES
- ⑥ HMA TAPER (SEE DETAIL BD-33)



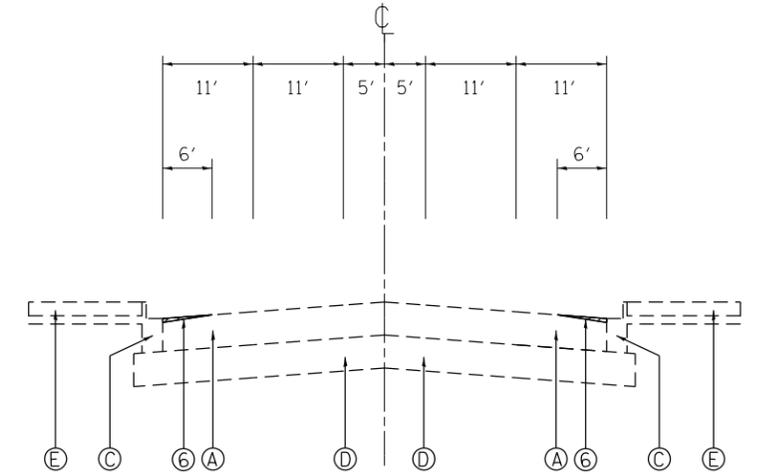
**EXISTING TYPICAL SECTION IL-50/(CICERO)**

STA. 66+15 TO STA. 144+00



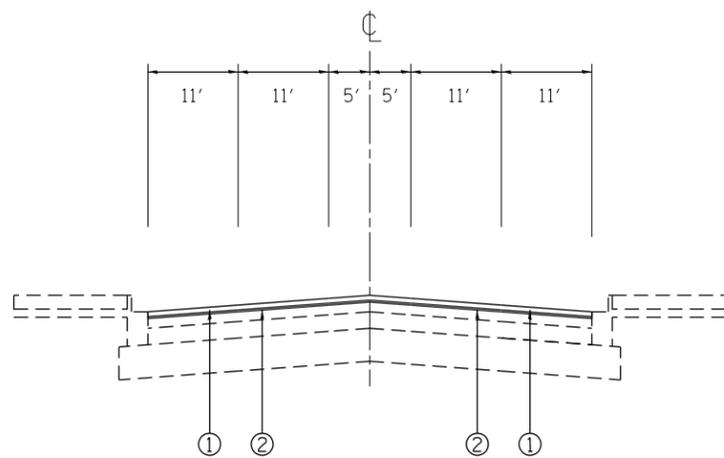
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STA. 144+00 TO STA. 150+00



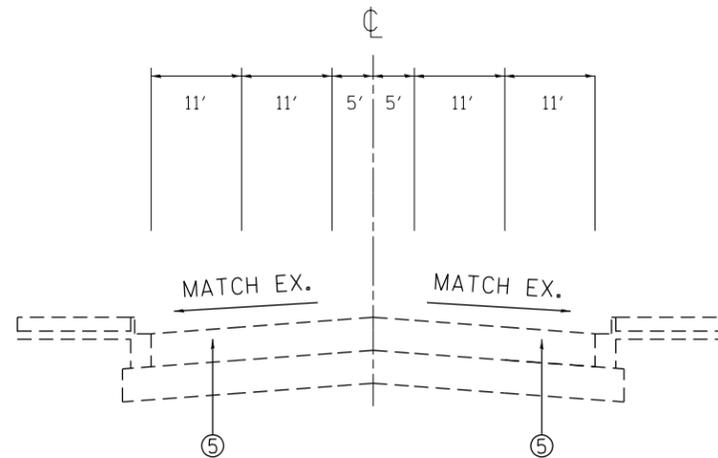
**EXISTING TYPICAL SECTION IL-50/(CICERO)**

STA. 150+00 TO STA. 167+21



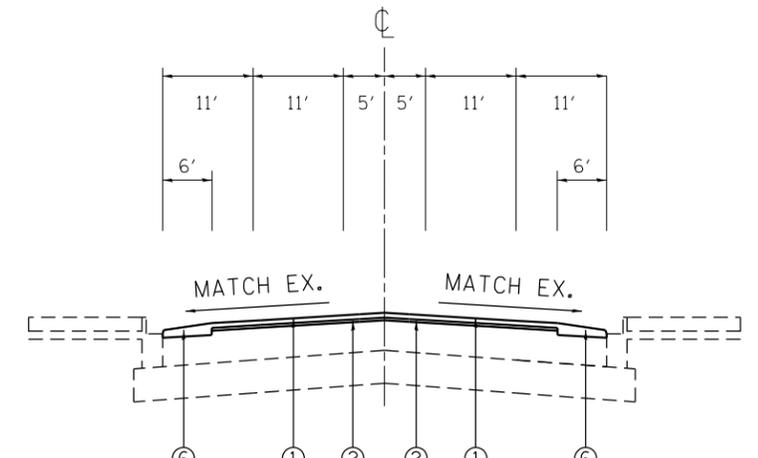
**PROPOSED TYPICAL SECTION IL-50/(CICERO)**

STA. 66+15 TO STA. 144+00



**PROPOSED TYPICAL SECTION IL-50/(CICERO)**

STA. 144+00 TO STA. 150+00



**PROPOSED TYPICAL SECTION IL-50/(CICERO)**

STA. 150+00 TO STA. 167+21

CENTER LINE RUMBLE STRIPS ARE TO BE PLACED ACCORDING TO "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY" DETAIL.

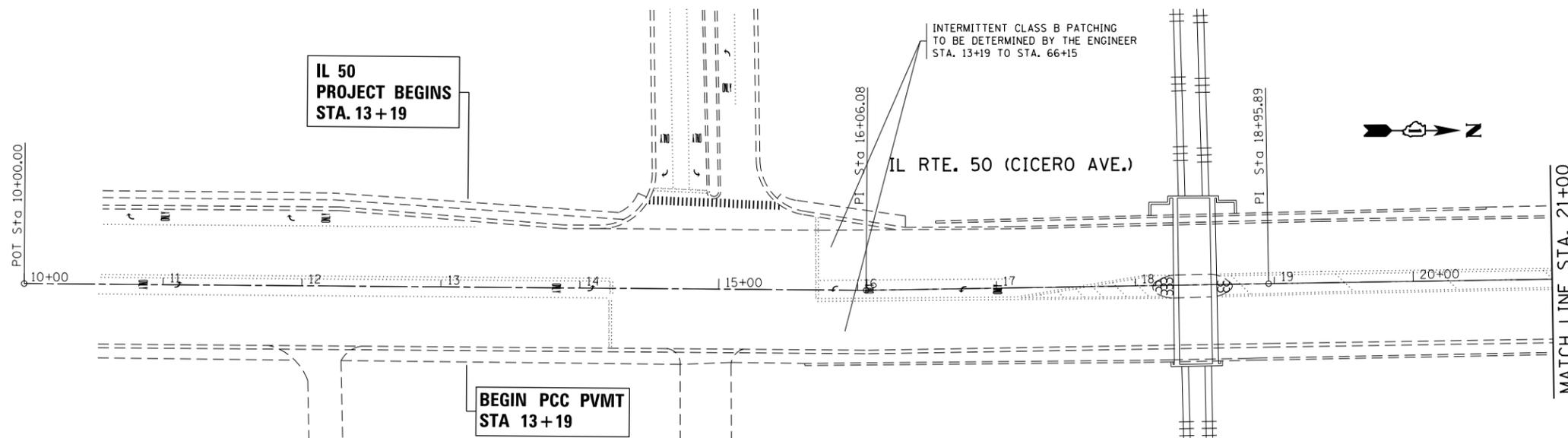
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 1/25/2018		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

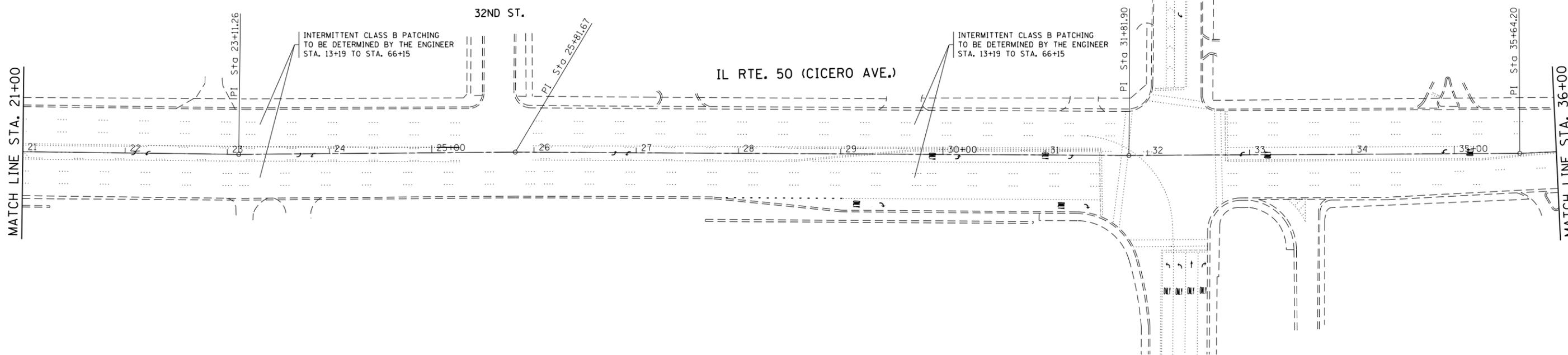
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	9
CONTRACT NO. 62C95			ILLINOIS FED. AID PROJECT	

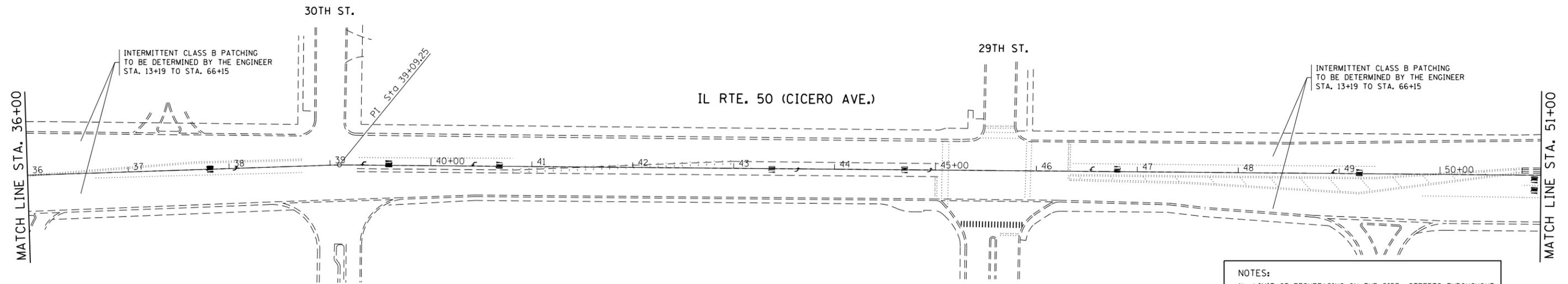


- |  |   |   |
|--|---|---|
| ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)                 | ⑦ THERMOPLASTIC PVMT. MARKING 6", 2' LINE - 6' SPACE, WHITE (TYP.)                                  | ⑫ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING |
| ② THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)                | ⑧ THERMOPLASTIC PVMT. MARKING 6", CROSSWALK-PEDESTRIAN, WHITE (TYP.)                                | ⑬ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)   |
| ③ THERMOPLASTIC PVMT. MARKING 4", 10' LINE - 30' SPACE, WHITE (TYP.) | ⑨ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)  | ⑭ THERMOPLASTIC PVMT. MARKING, LETTERS & SYMBOLS, WHITE (TYP.)  |
| ④ THERMOPLASTIC PVMT. MARKING 4", 10' LINE - 30' SPACE, YELLOW TYP.) | ⑩ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, YELLOW (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑮ RAISED REFLECTIVE PVMT. MARKER (TYP.)   |
| ⑤ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)               | ⑪ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING  | ⑯ THERMOPLASTIC PVMT. MARKING 6" WHITE 45° 8' C-C   |
| ⑥ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)                 |   |   |

- NOTES:**
- 1) LIMIT OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
  - 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
  - 3) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL AND TC-24 CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS
  - 4) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
  - 5) FOR PROPOSED CURB RAMP IMPROVEMENTS SEE "ADA RAMP DETAILS".

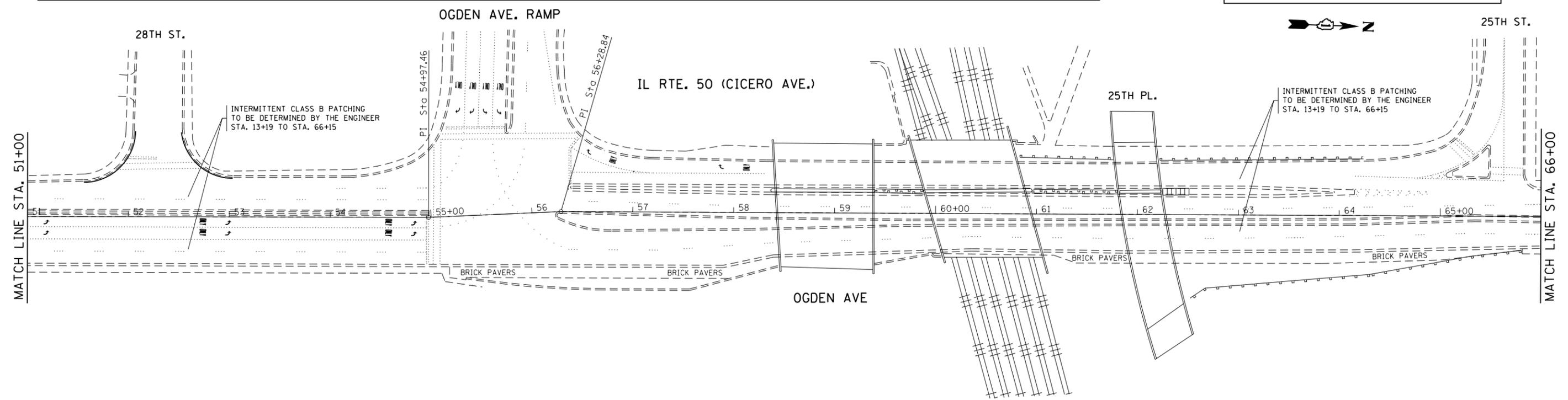


FILE NAME =	USER NAME = curryw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN IL. ROUTE 50 (CICERO AVE.) (CONGRESS PKWY. TO CC&amp;P RAILROAD)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\D141316\Drawings\Design\0141316-sht-plan.dgn		CHECKED -	REVISED -			350	50 & 57RS-1	COOK	80	10	
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 62C95					
Default						SCALE: 1" = 50'	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

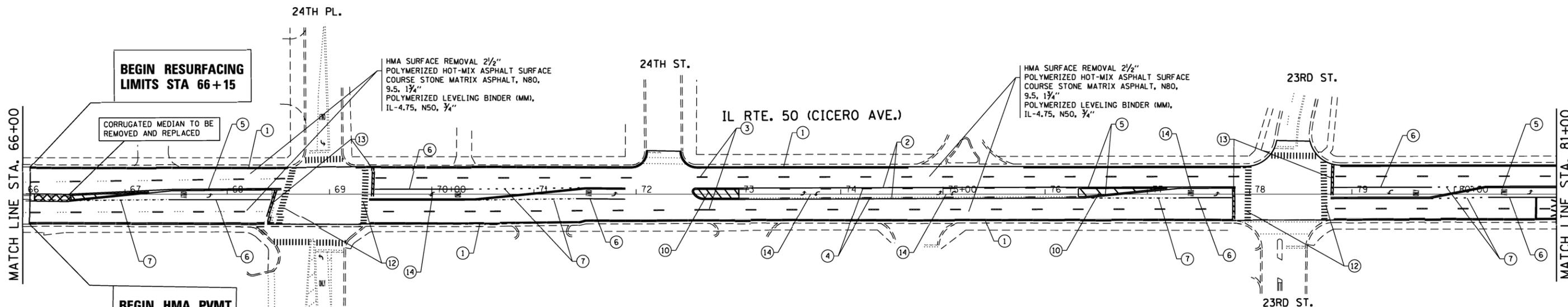


- |  |   |   |
|--|---|---|
| ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)                 | ⑦ THERMOPLASTIC PVMT. MARKING 6", 2' LINE - 6' SPACE, WHITE (TYP.)                                  | ⑫ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING |
| ② THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)                | ⑧ THERMOPLASTIC PVMT. MARKING 6", CROSSWALK-PEDESTRIAN, WHITE (TYP.)                                | ⑬ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)   |
| ③ THERMOPLASTIC PVMT. MARKING 4", 10' LINE - 30' SPACE, WHITE (TYP.) | ⑨ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)  | ⑭ THERMOPLASTIC PVMT. MARKING, LETTERS & SYMBOLS, WHITE (TYP.)  |
| ④ THERMOPLASTIC PVMT. MARKING 4", 10' LINE - 30' SPACE, YELLOW TYP.) | ⑩ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, YELLOW (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑮ RAISED REFLECTIVE PVMT. MARKER (TYP)  |
| ⑤ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)               | ⑪ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING  | ⑯ THERMOPLASTIC PVMT. MARKING 6" WHITE 45° 8' C-C   |
| ⑥ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)                 |   |   |

- NOTES:**
- 1) LIMIT OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
  - 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
  - 3) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL AND TC-24 CITY OF CHICAGO TYPICAL PAVMENT MARKINGS
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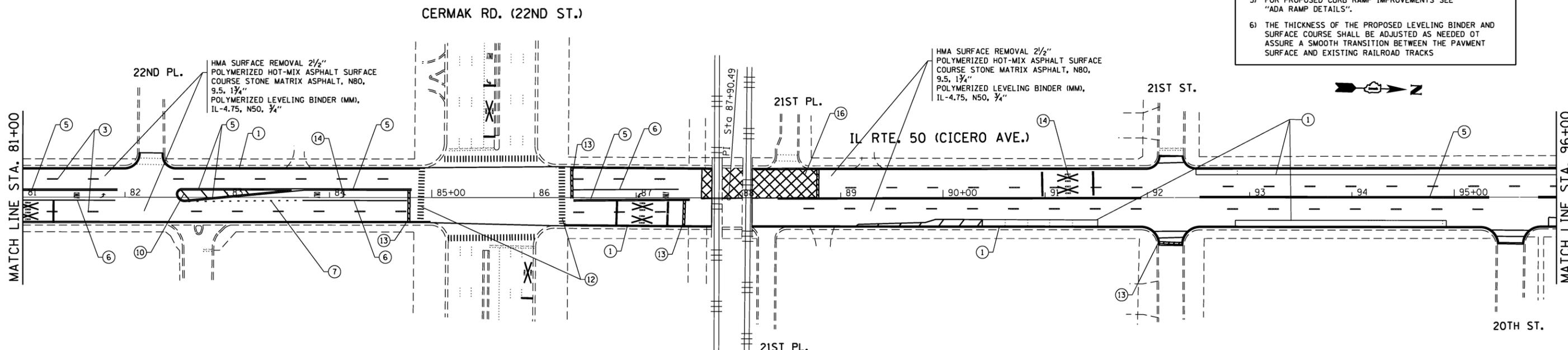


FILE NAME =	USER NAME = curryw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN IL. ROUTE 50 (CICERO AVE.) (CONGRESS PKWY. TO CC&amp;P RAILROAD)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\0141316\Drawings\Design\0141316-sht-plan.dgn		CHECKED -	REVISED -			350	50 & 57RS-1	COOK	80	11
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 62C95				
Default						ILLINOIS FED. AID PROJECT				

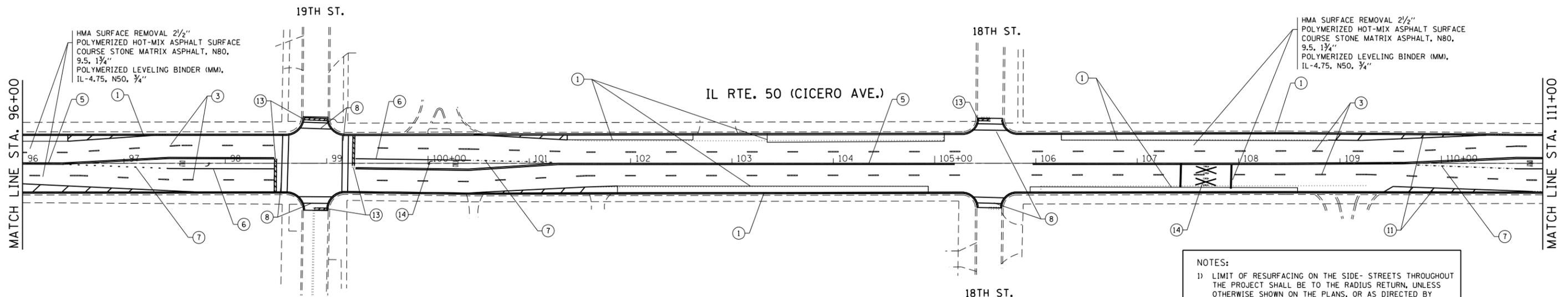


- |   |   |   |
|---|---|---|
| ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)                  | ⑦ THERMOPLASTIC PVMT. MARKING 6", 2' LINE - 6' SPACE, WHITE (TYP.)                                  | ⑫ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING |
| ② THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)                 | ⑧ THERMOPLASTIC PVMT. MARKING 6", CROSSWALK-PEDESTRIAN, WHITE (TYP.)                                | ⑬ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)   |
| ③ THERMOPLASTIC PVMT. MARKING 4", 10' LINE - 30' SPACE, WHITE (TYP.)  | ⑨ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)  | ⑭ THERMOPLASTIC PVMT. MARKING, LETTERS & SYMBOLS, WHITE (TYP.)  |
| ④ THERMOPLASTIC PVMT. MARKING 4", 10' LINE - 30' SPACE, YELLOW (TYP.) | ⑩ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, YELLOW (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑮ RAISED REFLECTIVE PVMT. MARKER (TYP.)   |
| ⑤ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)                | ⑪ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING  | ⑯ THERMOPLASTIC PVMT. MARKING 6" WHITE 45° 8' C-C   |
| ⑥ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)                  |   |   |

- NOTES:**
- 1) LIMIT OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
  - 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
  - 3) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL AND TC-24 CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS
  - 4) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
  - 5) FOR PROPOSED CURB RAMP IMPROVEMENTS SEE "ADA RAMP DETAILS".
  - 6) THE THICKNESS OF THE PROPOSED LEVELING BINDER AND SURFACE COURSE SHALL BE ADJUSTED AS NEEDED TO ASSURE A SMOOTH TRANSITION BETWEEN THE PAVMENT SURFACE AND EXISTING RAILROAD TRACKS

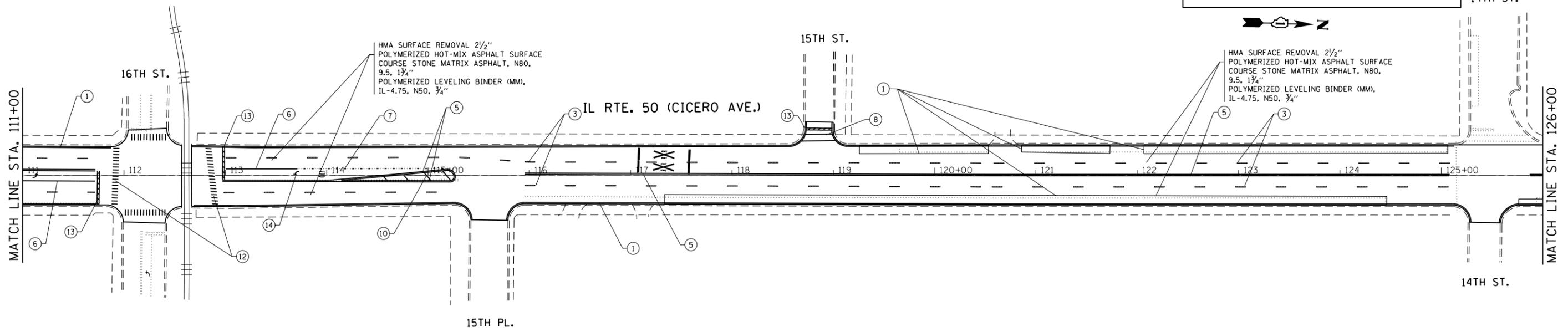


FILE NAME =	USER NAME = curryw	DESIGNED -	REVISED - 1-18-18 AC	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN IL ROUTE 50 (CICERO AVE.) (CONGRESS PKWY TO CC&amp;P RAILROAD)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\ill084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\0141316\Design\0141316-sht-plan.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			350	50 & 57RS-1	COOK	80	12	
Default	PLOT DATE = 1/18/2018	DATE -	REVISED -			CONTRACT NO. 62C95					
						ILLINOIS FED. AID PROJECT					

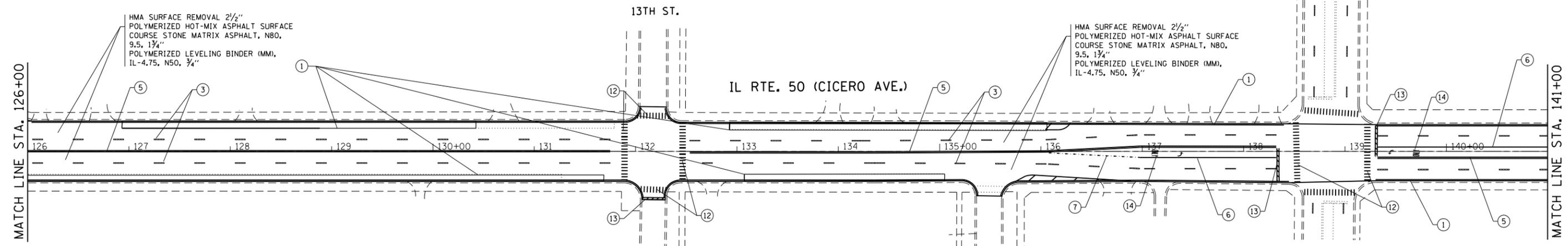


- |  |  |  |
|--|--|--|
| ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)                 | ⑦ THERMOPLASTIC PVMT. MARKING 6", 2' LINE - 6' SPACE, WHITE (TYP.)                                     | ⑫ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.)<br>- SEE DISTRICT DETAIL TC-13 FOR SPACING |
| ② THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)                | ⑧ THERMOPLASTIC PVMT. MARKING 6", CROSSWALK-PEDESTRIAN, WHITE (TYP.)                                   | ⑬ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)  |
| ③ THERMOPLASTIC PVMT. MARKING 4", 10' LINE - 30' SPACE, WHITE (TYP.) | ⑨ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)   | ⑭ THERMOPLASTIC PVMT. MARKING, LETTERS & SYMBOLS, WHITE (TYP.)   |
| ④ THERMOPLASTIC PVMT. MARKING 4", 10' LINE - 30' SPACE, YELLOW TYP.) | ⑩ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, YELLOW (TYP.)<br>- SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑮ RAISED REFLECTIVE PVMT. MARKER (TYP.)  |
| ⑤ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)               | ⑪ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.)<br>- SEE DISTRICT DETAIL TC-13 FOR SPACING  | ⑯ THERMOPLASTIC PVMT. MARKING 6" WHITE 45° 8' C-C  |
| ⑥ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)                 |  |  |

- NOTES:**
- LIMIT OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
  - ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
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  - FOR PROPOSED CURB RAMP IMPROVEMENTS SEE "ADA RAMP DETAILS".
  - THE THICKNESS OF THE PROPOSED LEVELING BINDER AND SURFACE COURSE SHALL BE ADJUSTED AS NEEDED TO ASSURE A SMOOTH TRANSITION BETWEEN THE PAVMENT SURFACE AND EXISTING RAILROAD TRACKS



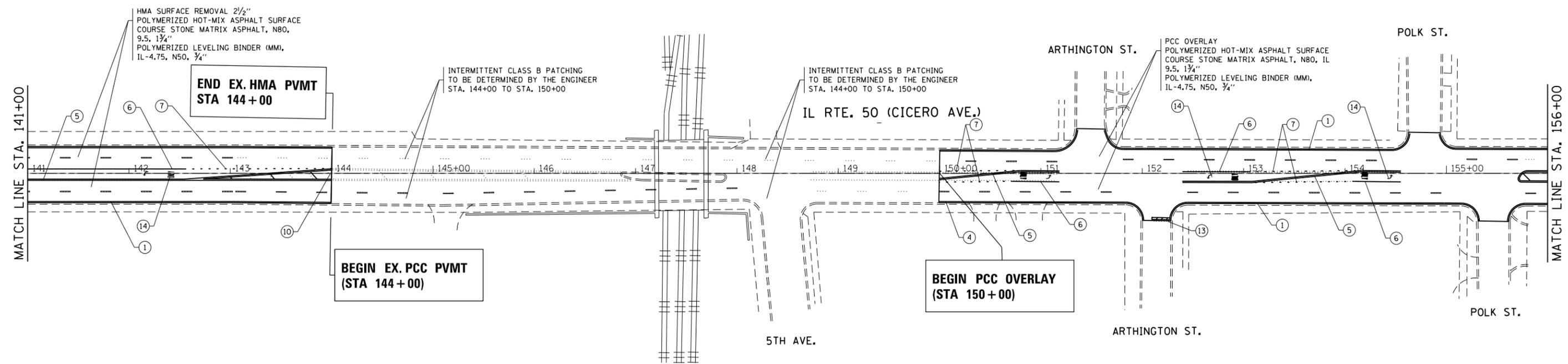
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pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\0141316\Drawings\Design\0141316-sht-plan.dgn		CHECKED -	REVISED -		<b>IL ROUTE 50 (CICERO AVE.) (CONGRESS PKWY TO CC&amp;P RAILROAD)</b>			350	50 & 57RS-1	COOK	80	13	
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62C95	
	PLOT DATE = 1/18/2018				ILLINOIS FED. AID PROJECT								

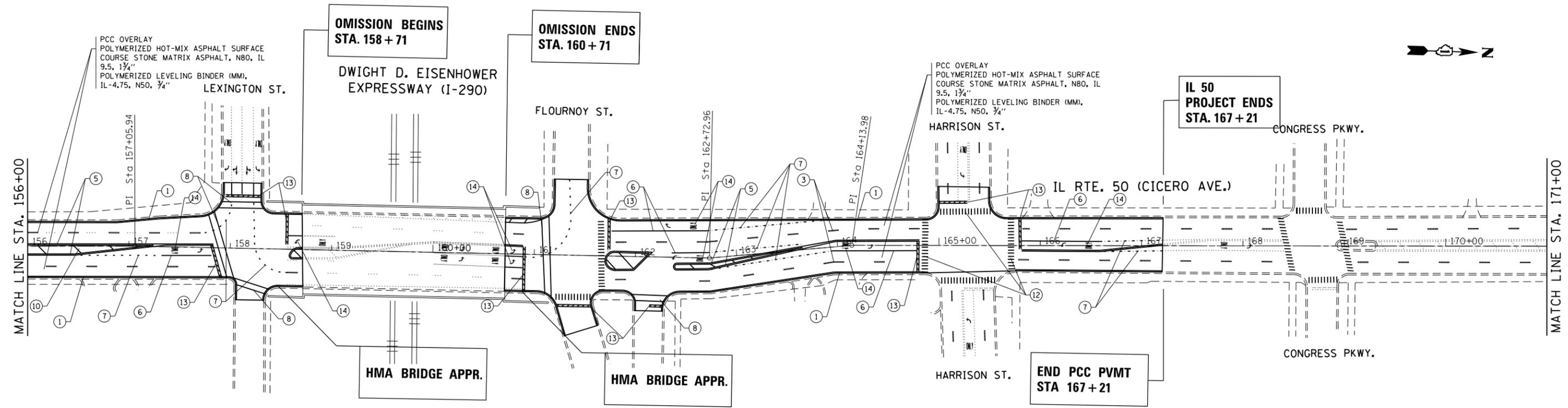


- |  |   |   |
|--|---|---|
| ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)                 | ⑦ THERMOPLASTIC PVMT. MARKING 6", 2' LINE - 6' SPACE, WHITE (TYP.)                                  | ⑫ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING |
| ② THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)                | ⑧ THERMOPLASTIC PVMT. MARKING 6", CROSSWALK-PEDESTRIAN, WHITE (TYP.)                                | ⑬ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)   |
| ③ THERMOPLASTIC PVMT. MARKING 4", 10' LINE - 30' SPACE, WHITE (TYP.) | ⑨ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)  | ⑭ THERMOPLASTIC PVMT. MARKING, LETTERS & SYMBOLS, WHITE (TYP.)  |
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| ⑤ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)               | ⑪ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING  | ⑯ THERMOPLASTIC PVMT. MARKING 6" WHITE 45° 8' C-C   |
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**NOTES:**

- 1) LIMIT OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
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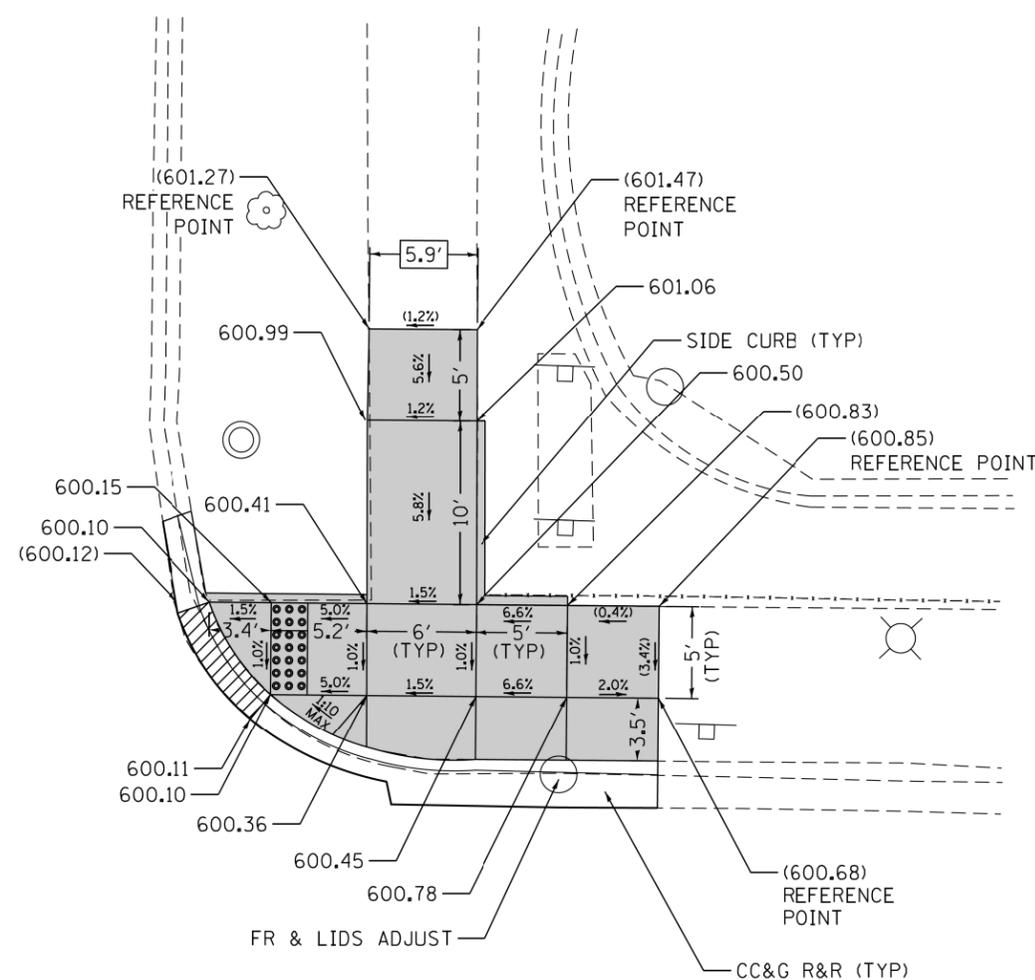
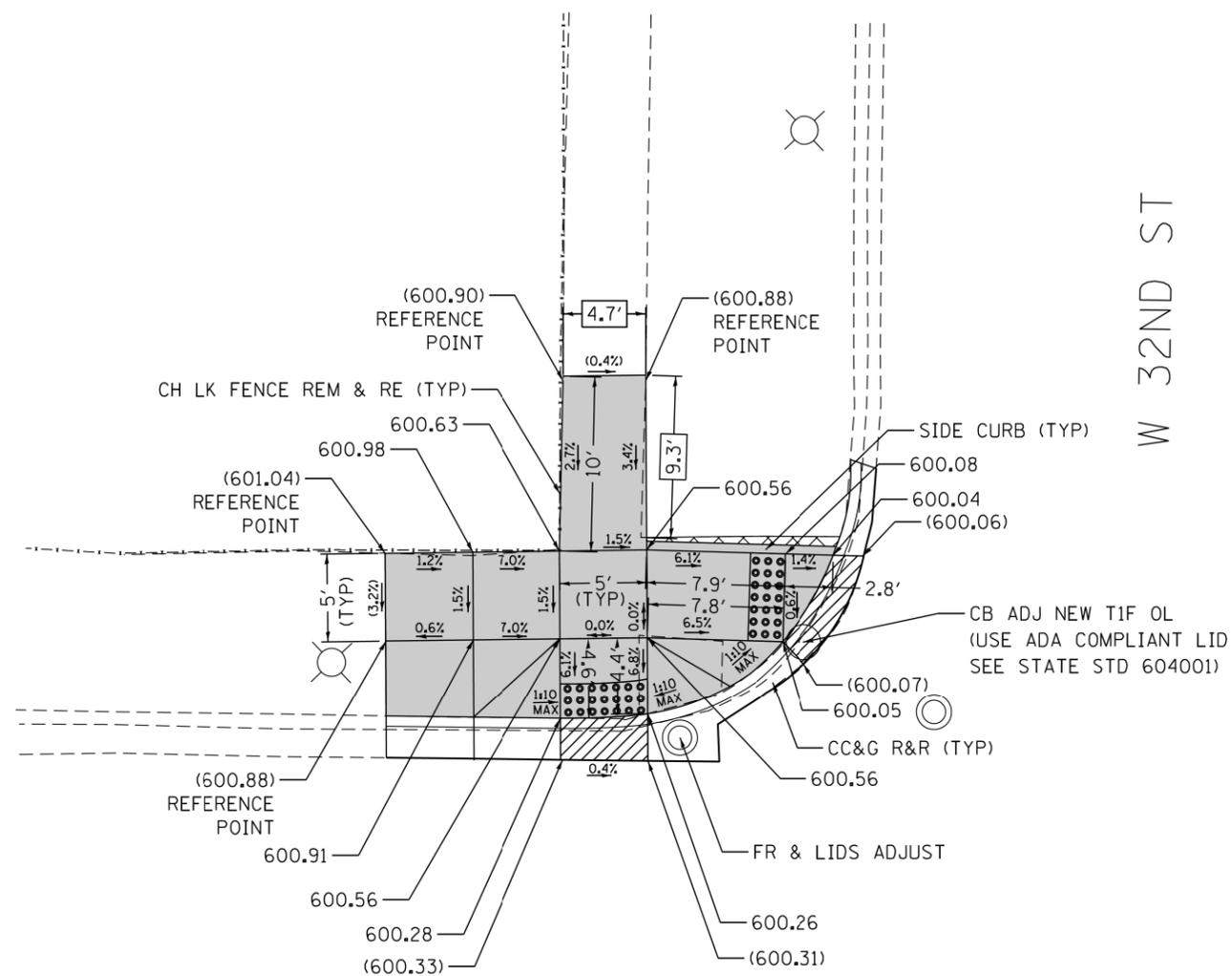




- |  |  |  |
|--|--|--|
| ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)                 | ⑦ THERMOPLASTIC PVMT. MARKING 6", 2' LINE - 6' SPACE, WHITE (TYP.)                                     | ⑫ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.)<br>- SEE DISTRICT DETAIL TC-13 FOR SPACING |
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| ④ THERMOPLASTIC PVMT. MARKING 4", 10' LINE - 30' SPACE, YELLOW TYP.) | ⑩ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, YELLOW (TYP.)<br>- SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑮ RAISED REFLECTIVE PVMT. MARKER (TYP.)  |
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| ⑥ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)                 |  |  |

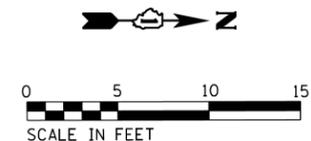
- NOTES:
- 1) LIMIT OF RESURFACING ON THE SIDE- STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
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  - 5) FOR PROPOSED CURB RAMP IMPROVEMENTS SEE "ADA RAMP DETAILS".

FILE NAME =	USER NAME = curryw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN IL. ROUTE 50 (CICERO AVE.) (CONGRESS PKWY TO CC&amp;P RAILROAD)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\IL084EBIDINTEG.illinois.gov\PIWIDOTDocuments\IDOT Offices\District 1\Projects\DI41316\Drawings\Design\DI41316-sht-plan.dgn		CHECKED -	REVISED -			350	50 & 57RS-1	COOK	80	15
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 62C95				
Default						ILLINOIS FED. AID PROJECT				



S CICERO AVE

NOTES:  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



**LEGEND**

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- XX.X' EXISTING LENGTH
- DETECTABLE WARNINGS
- ( ) EXISTING ELEVATION/SLOPE
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK (TBM 1) ELEV 602.29  
 BENCHMARK : '□' IN SE CORNER OF MARATHON GAS SIGN BASE  
 LOCATION : NW CORNER OF 32ND AND CICERO

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS  
 S CICERO AVE AT W 32ND ST

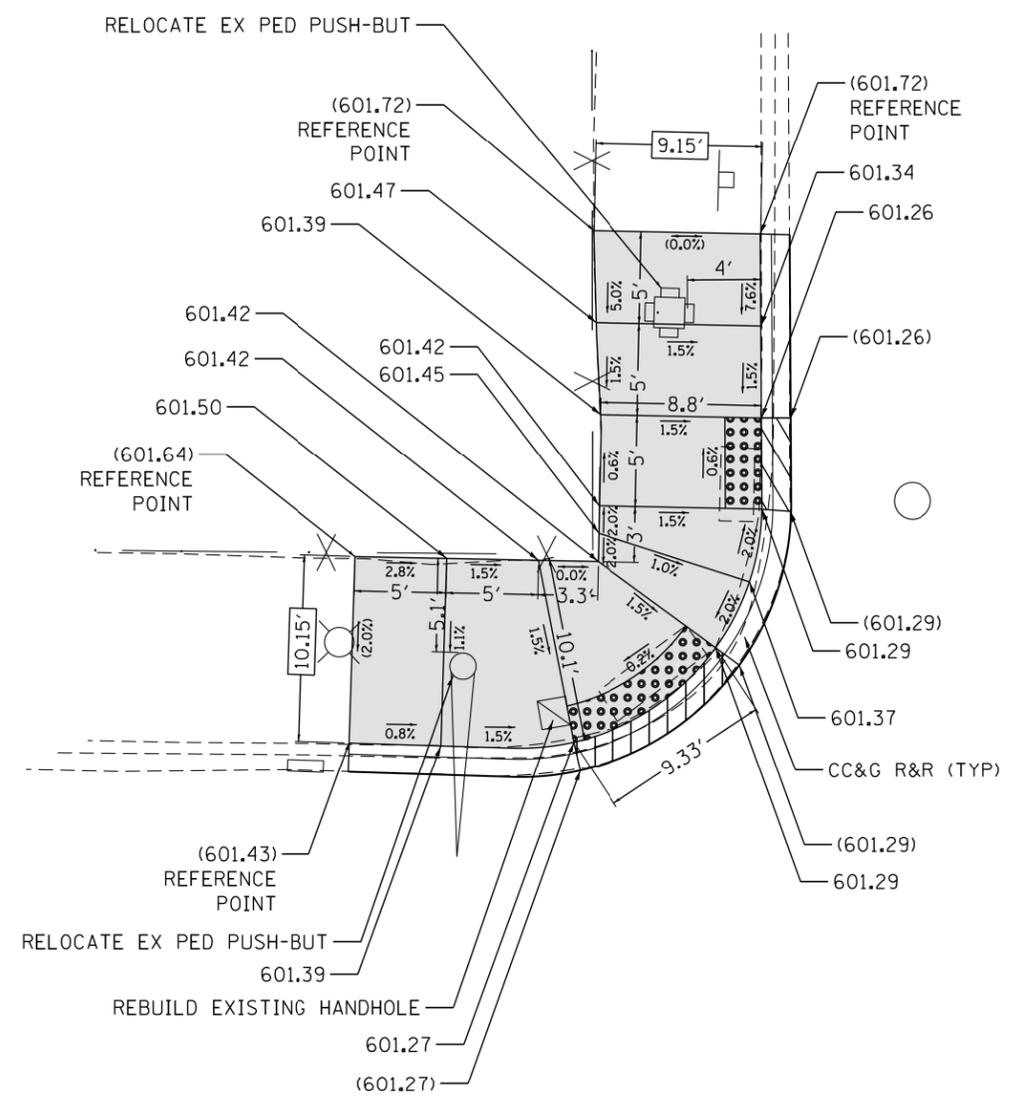
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	16
CONTRACT NO. 62C95				

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

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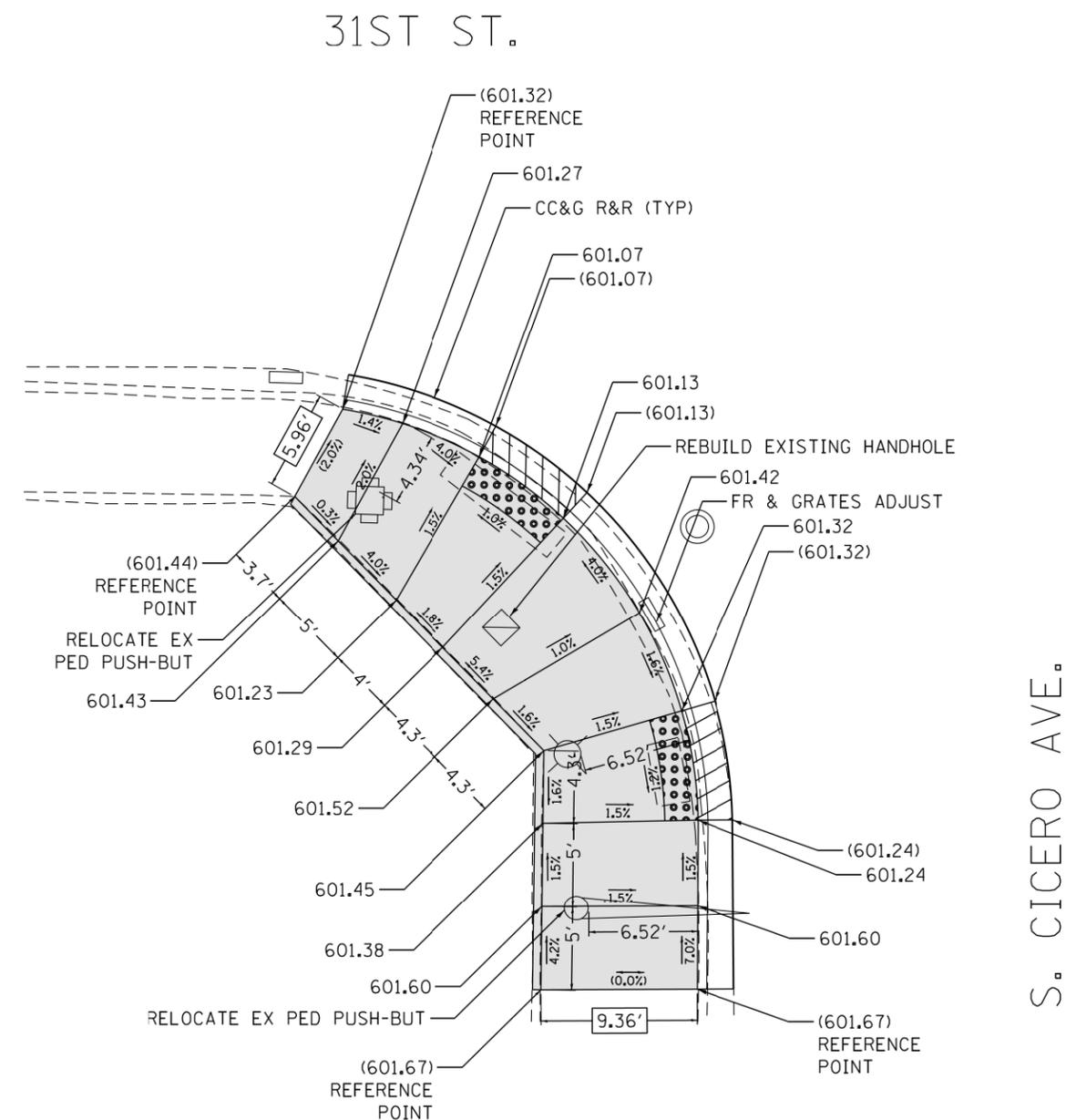
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		DRAWN	REVISIONS
		CHECKED	REVISIONS
		DATE	REVISIONS



S. CICERO AVE.

31ST ST.

- NOTES:
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
  - DETECTABLE WARNINGS FOR RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



S. CICERO AVE.

REFERENCE BENCHMARK (TBM 18) ELEV 608.31  
 BENCHMARK : "X" IN SW BOLT OF LIGHT POLE BASE  
 LOCATION : 3RD LIGHT POLE NORTH OF FLOURNOY EAST SIDE OF CICERO

**LEGEND**

EXISTING LENGTH	PROPOSED SIDEWALK	DEPRESSED CURB & GUTTER
EXISTING ELEVATION/SLOPE	DETECTABLE WARNINGS	BENCHMARK
PROPOSED SIDE CURB	SIDEWALK REMOVAL	REPLACE W/ TOPSOIL & SOD

FILE NAME =	USER NAME = JOBURKE	DESIGNED - RP 11/22/2017	REvised -
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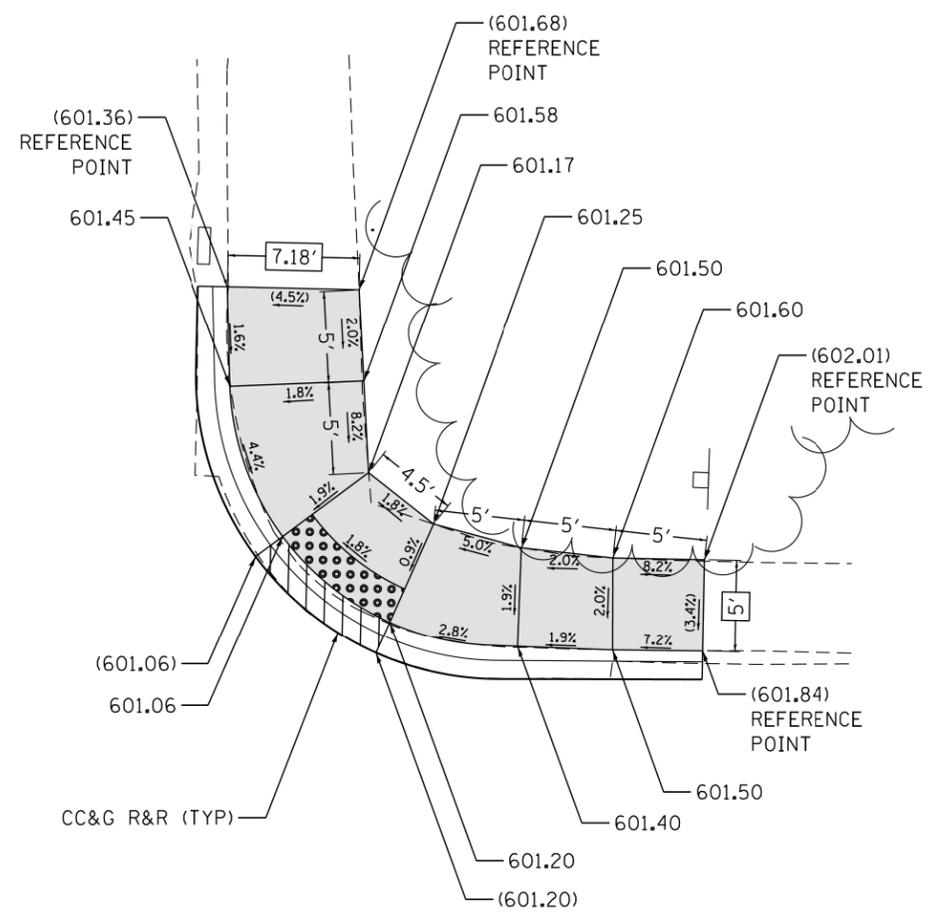
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS			
S. CICERO AVE AT 31ST ST			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	17
CONTRACT NO. 62C95				
ILLINOIS FED. AID PROJECT				



S. CICERO AVE.



W. 31ST ST. FRONTAGE RD.

- NOTES:
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
  - DETECTABLE WARNINGS FOR RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".

REFERENCE BENCHMARK (TBM 18) ELEV 608.31  
 BENCHMARK : "X" IN SW BOLT OF LIGHT POLE BASE  
 LOCATION : 3RD LIGHT POLE NORTH OF FLOURNOY EAST SIDE OF CICERO

**LEGEND**

XX.XX	EXISTING LENGTH		PROPOSED SIDEWALK		DEPRESSED CURB & GUTTER
( )	EXISTING ELEVATION/SLOPE		DETECTABLE WARNINGS		BENCHMARK
==	PROPOSED SIDE CURB		SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD		

FILE NAME =	USER NAME = JOBURKE	DESIGNED - RP 11/22/2017	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\0141\1316-11\22\2017	DRAWN - RP 11/22/2017	CHECKED - JK 11/22/2017	REVISED -
Default	PLOT DATE = 11/22/2017	DATE - 11/22/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS  
 S. CICERO AVE AT 31ST ST**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	18
CONTRACT NO. 62C95				
ILLINOIS FED. AID PROJECT				

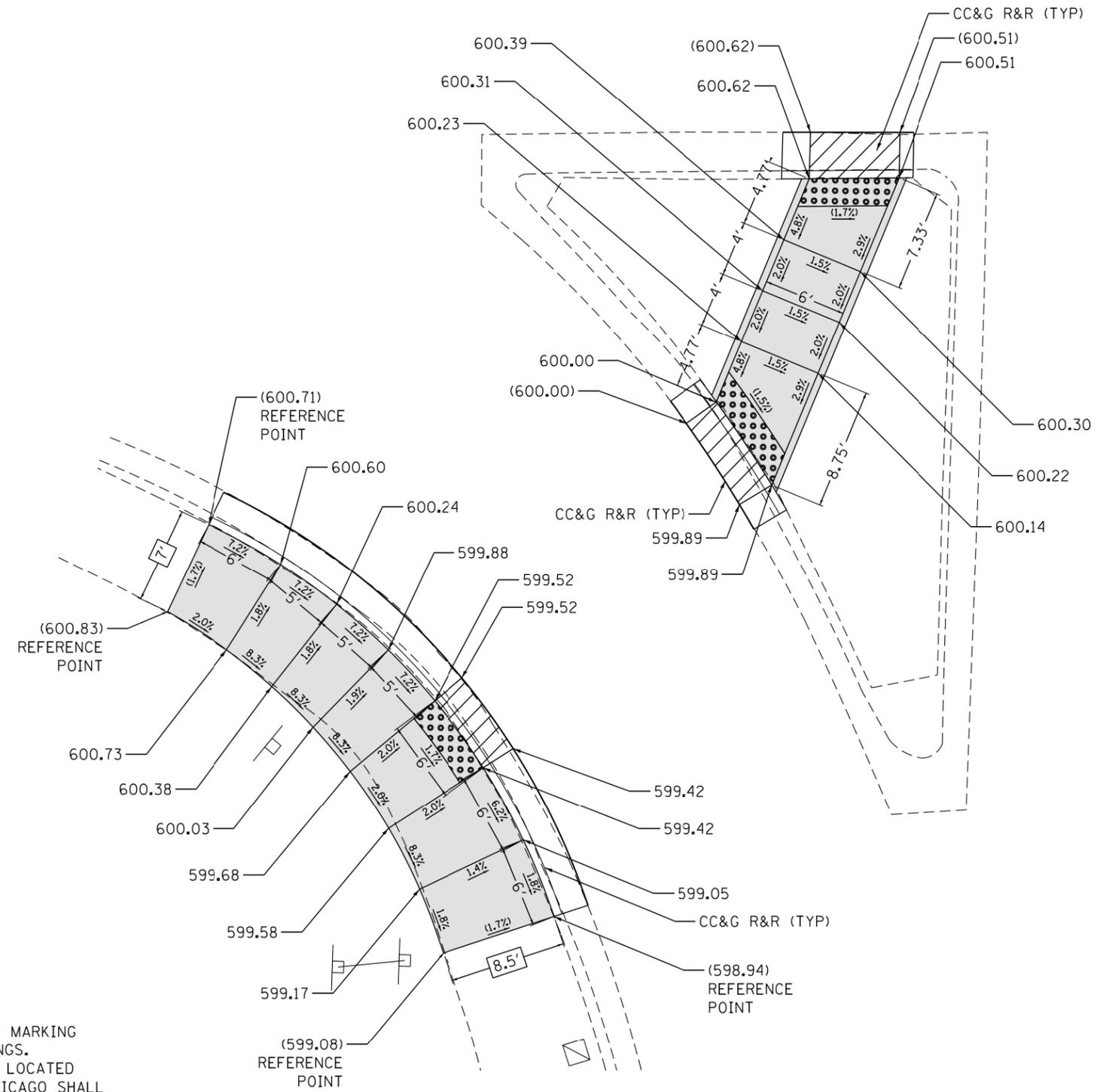








W. 25TH ST. 



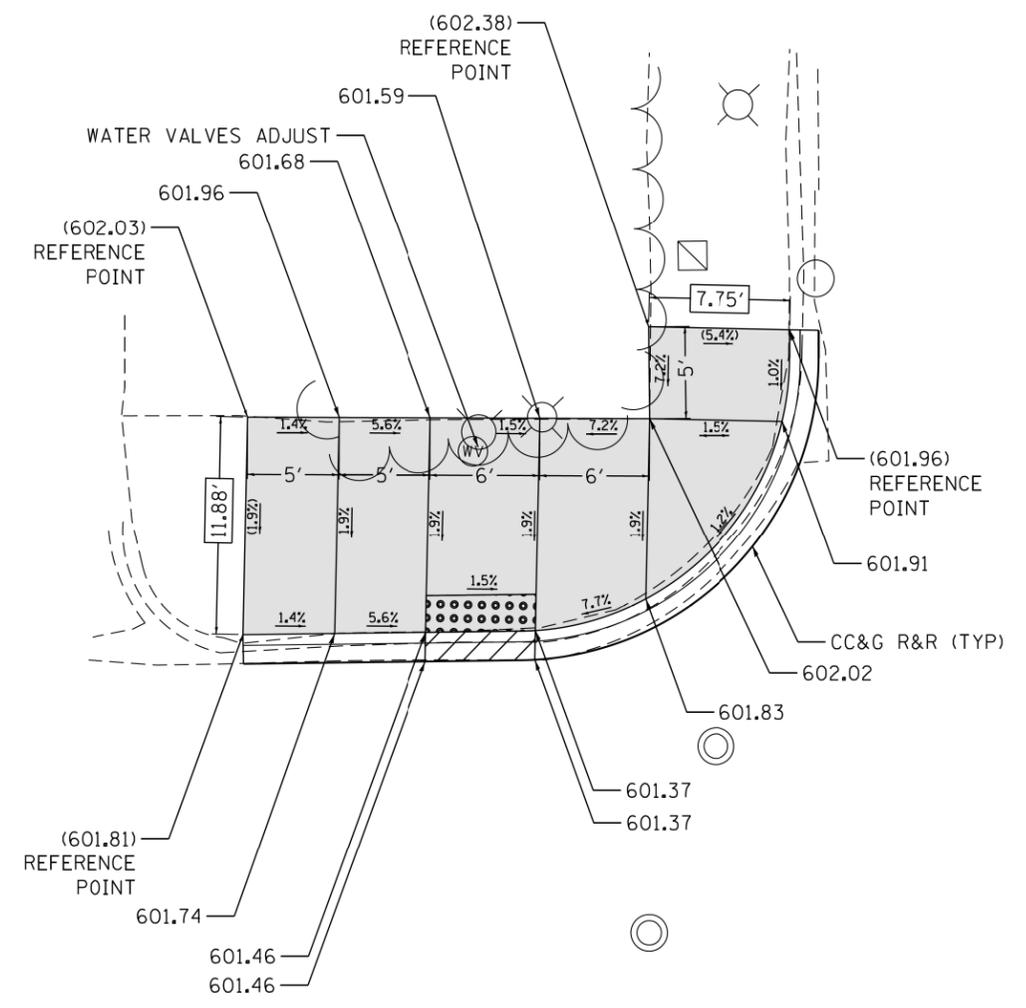
S. CICERO AVE.

NOTES:  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS FOR RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".

REFERENCE BENCHMARK (TBM 18) ELEV 608.31  
 BENCHMARK : "X" IN SW BOLT OF LIGHT POLE BASE  
 LOCATION : 3RD LIGHT POLE NORTH OF FLOURNOY EAST SIDE OF CICERO

LEGEND	
EXISTING LENGTH	PROPOSED SIDEWALK
EXISTING ELEVATION/SLOPE	DETECTABLE WARNINGS
PROPOSED SIDE CURB	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
BENCHMARK	DEPRESSED CURB & GUTTER

FILE NAME :	USER NAME = JOBURKE	DESIGNED - RP 11/22/2017	REVISD -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ADA RAMP DETAILS S. CICERO AVE AT 25TH ST</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\0141\Drawings\Design\1316-sh\11/22/2017	DRAWN - RP 11/22/2017	CHECKED - JK 11/22/2017	REVISD -		350	50 & 57RS-1	COOK	80	23				
PLOT SCALE = 10.0000 "/ in.	DATE - 11/22/2017	REVISD -	SCALE: 1"=50'		SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62C95		
Default	DATE - 11/22/2017	REVISD -	ILLINOIS FED. AID PROJECT										



S. CICERO AVE.

W. 25TH ST.

- NOTES:
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
  - DETECTABLE WARNINGS FOR RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".

REFERENCE BENCHMARK (TBM 18) ELEV 608.31  
 BENCHMARK : "X" IN SW BOLT OF LIGHT POLE BASE  
 LOCATION : 3RD LIGHT POLE NORTH OF FLOURNOY EAST SIDE OF CICERO

**LEGEND**

- XX.XX' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB
- ▨ PROPOSED SIDEWALK
- ▩ DEPRESSED CURB & GUTTER
- ◉ BENCHMARK
- ◉ DETECTABLE WARNINGS
- ▧ SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

FILE NAME :	USER NAME = JOBURKE	DESIGNED - RP 11/22/2017	REVISED -
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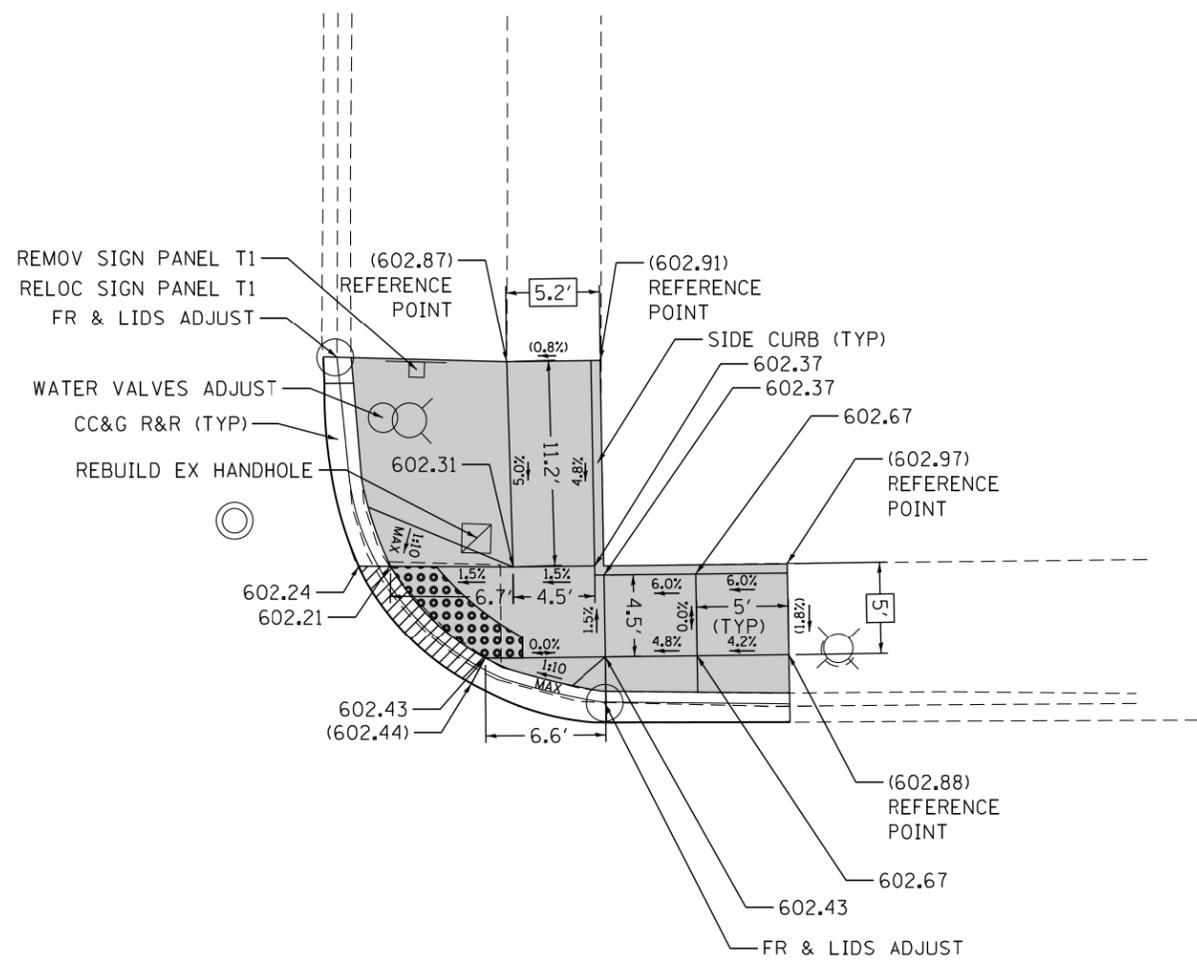
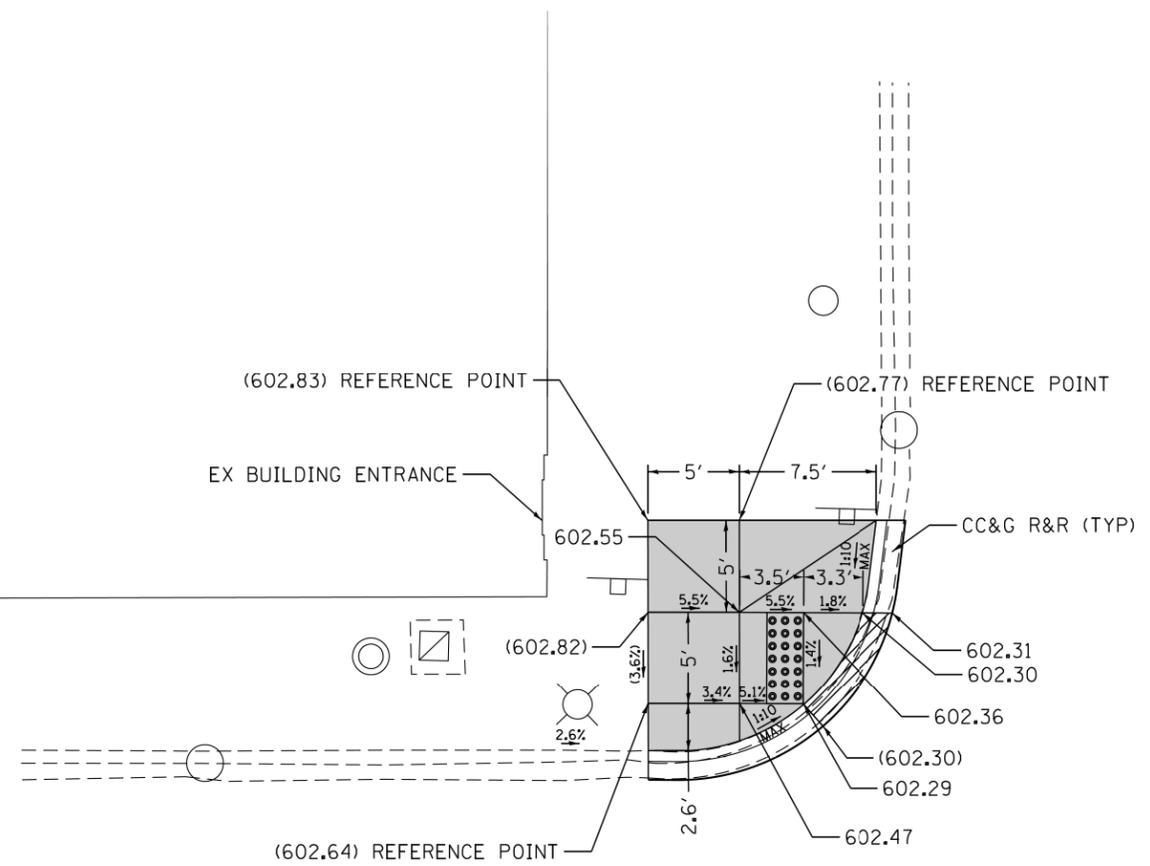
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS  
 S. CICERO AVE AT 25TH ST**

SCALE: 1" = 50'    SHEET    OF    SHEETS    STA.    TO    STA.

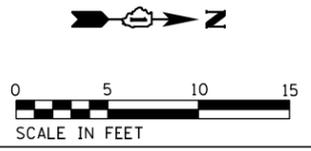
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	24
CONTRACT NO. 62C95				
ILLINOIS FED. AID PROJECT				

W 24TH ST



S CICERO AVE

NOTES:  
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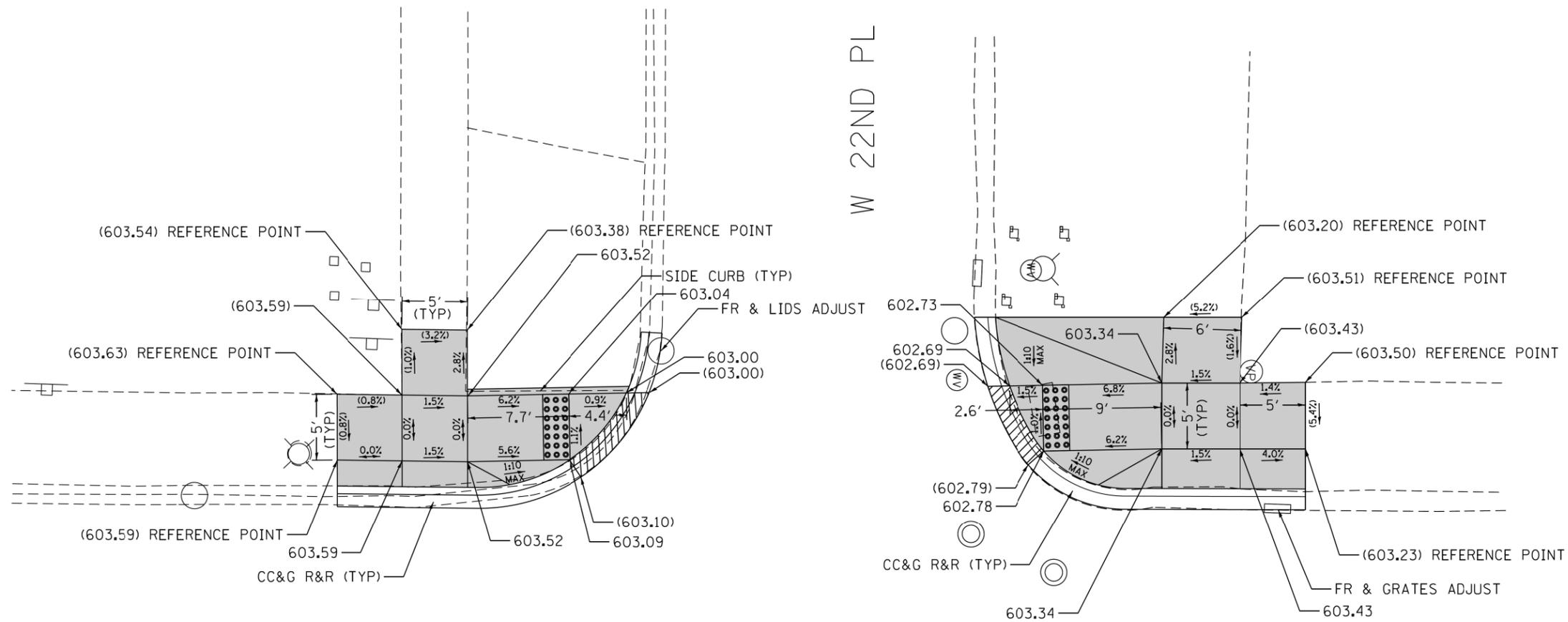


**LEGEND**

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- XX.X' EXISTING LENGTH
- DETECTABLE WARNINGS
- ( ) EXISTING ELEVATION/SLOPE
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

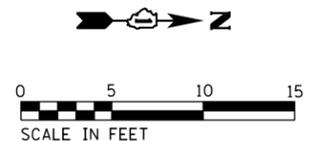
REFERENCE BENCHMARK ELEV 603.16  
 BENCHMARK : "X" IN EAST SIDE OF LIGHT POLE BASE  
 LOCATION : NW CORNER OF 24TH AND CICERO

FILE NAME = Z:\17002.01 IDOT 01 W01 ADA Ramps Various Routes\IGN\Design\Prelim\Plotsheets\0162C95\0162C95-sh1-detailedRamps-04.dgn	USER NAME = mslick	DESIGNED - AN / MS / RG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS S CICERO AVE AT W 24TH ST	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000" / 1in.	DRAWN - AN / MS / RG	CHECKED - JH	REVISED -			350	50 & 57RS-1	COOK	80	25
PLOT DATE = 11/22/2017	DATE - 11/22/2017	REVISED -	REVISED -			SCALE: 1" = 50'		SHEET OF SHEETS		STA. TO STA.



S CICERO AVE

- NOTES:  
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**LEGEND**

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- EXISTING LENGTH
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK (TBM 5) ELEV 603.83  
 BENCHMARK : " " IN NORTH SIDE OF LIGHT POLE BASE  
 LOCATION : SW CORNER OF 22ND AND CICERO

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

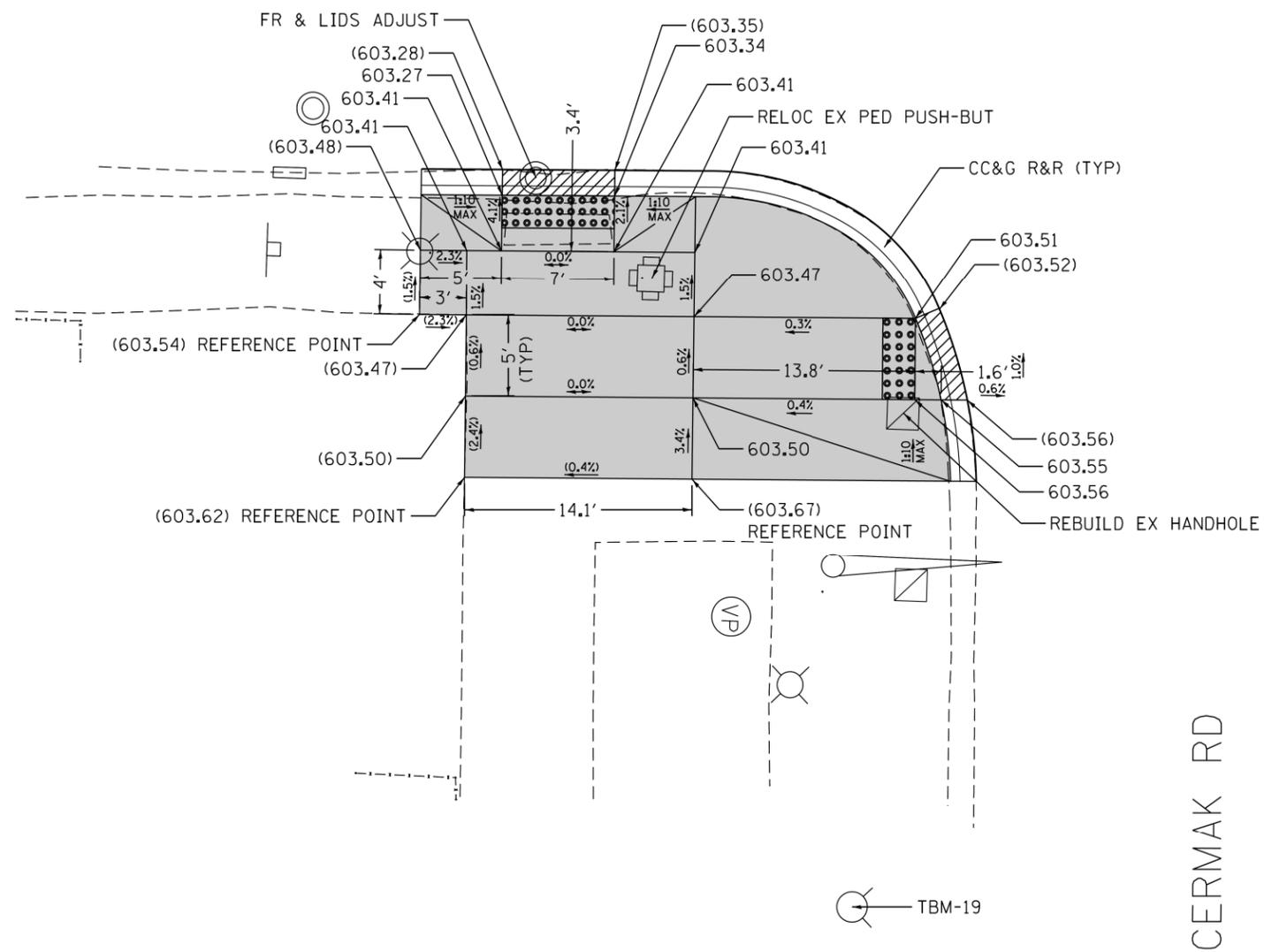
ADA RAMP DETAILS  
 S CICERO AVE AT W 22ND PL

FILE NAME = Z:\17002.01\DOT\01\W01_ADA_Ramps_Various_Routes\IGN\Design\Prelim\PlotSheets\0162C95-D162C95-sh1-detailed-Ramps-05.dgn	USER NAME = mslick	DESIGNED - AN / MS / RG	REVISED -
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PLOT SCALE = 10.0000' / 1"	DATE - 11/22/2017	DATE - 11/22/2017	REVISED -

SCALE: 1"=50'	SHEET	OF	SHEETS	STA.	TO	STA.
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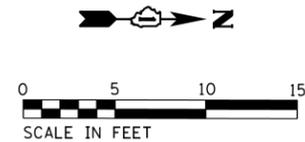
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	26
CONTRACT NO. 62C95				
ILLINOIS FED. AID PROJECT				

# S CICERO AVE



CERMAK RD

- NOTES:
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
  - DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".

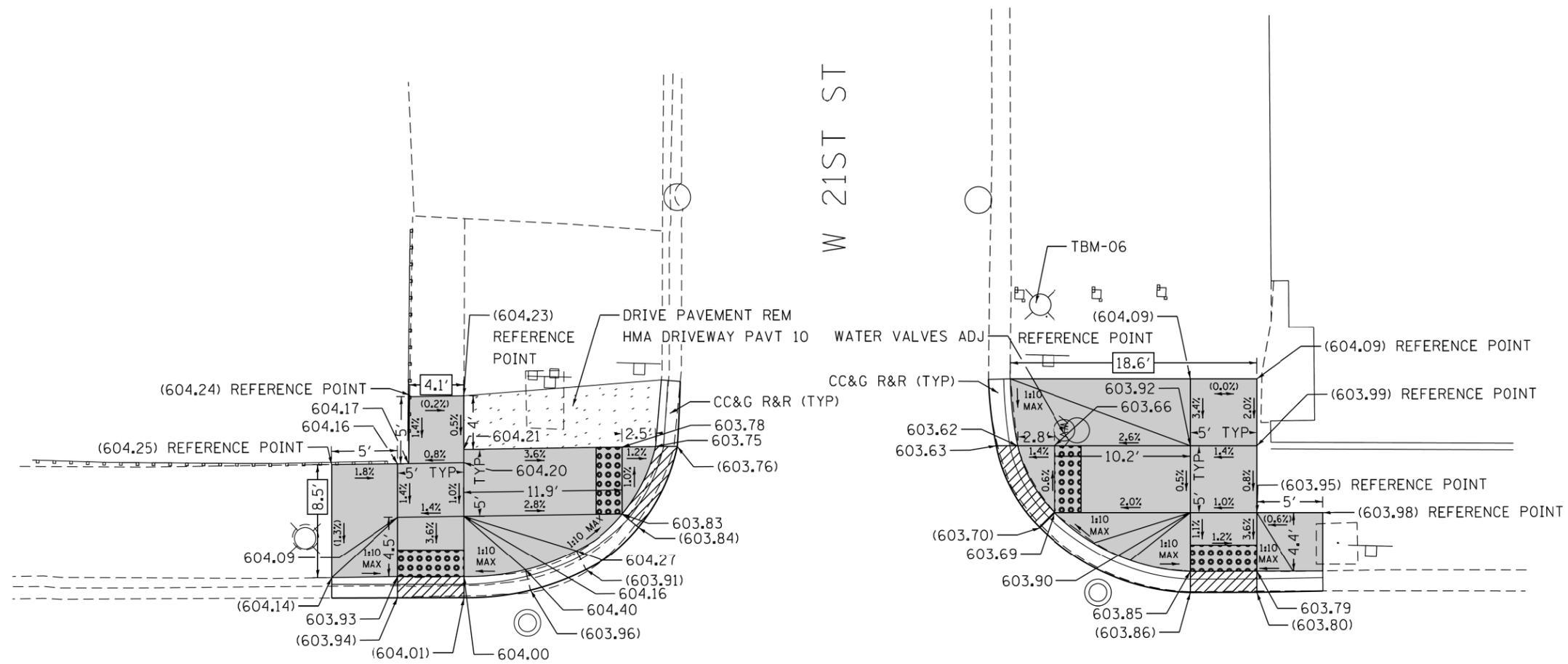


REFERENCE BENCHMARK (TBM 19) ELEV 605.83  
 BENCHMARK : CROSS CUT ON FH ARROW BOLT  
 LOCATION : SE CORNER OF CICERO AVE AND CERMAK RD

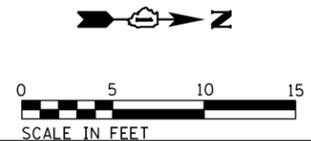
### LEGEND

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- EXISTING LENGTH
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

FILE NAME = Z:\17002.01\DOT\01\W01_ADA_Ramps_Various_Routes\IGN\Design\Prelim\PlotSheets\0162C95-0162C95-shi-details\Ramps-20.dgn	USER NAME = mslick	DESIGNED - AN / MS / RG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ADA RAMP DETAILS S CICERO AVE AT W HARRISON ST</b>	F.A.P. RTE. 350	SECTION 50 & 57RS-1	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 27
PLT SCALE = 10.0000' / 1"	CHECKED - JH	DATE - 11/22/2017	REVISED -	SCALE: 1"=50'	SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 62C95				
						ILLINOIS FED. AID PROJECT				



- NOTES:
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
  - DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



REFERENCE BENCHMARK (TBM 6) ELEV 604.06  
 BENCHMARK : "□" IN SOUTH SIDE OF LIGHT POLE BASE  
 LOCATION : NW CORNER OF 21ST AND CICERO

**LEGEND**

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS
- EXISTING LENGTH
- EXISTING ELEVATION/SLOPE
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

FILE NAME = Z:\17002.01\DDT 01\W01 ADA Ramps Various Routes\GDA\Design\Prelim\Plotsheets\0162C95\0162C95-sh1-detail1Ramps-06.dgn

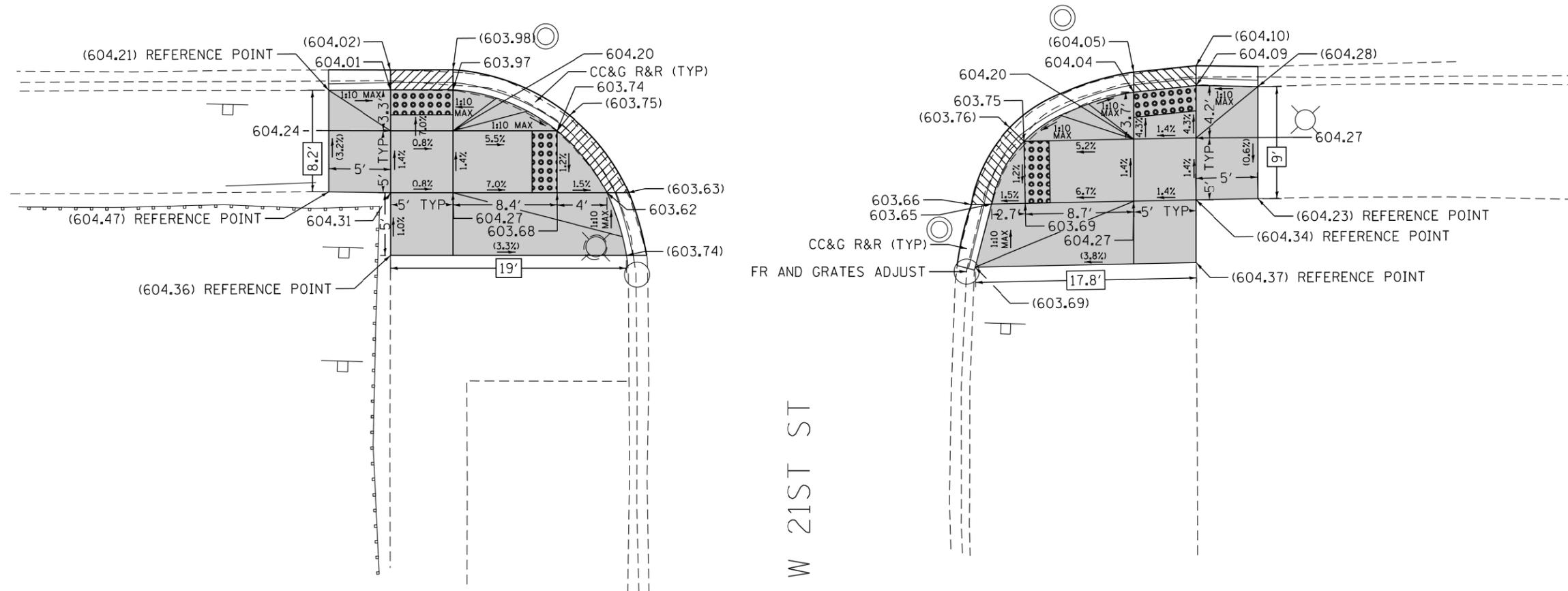
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	DRAWN - AN / MS / RG	REVISED -
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PLOT DATE = 11/22/2017	DATE - 11/22/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

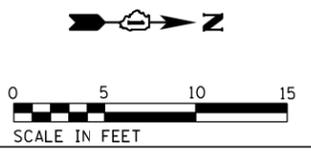
<b>ADA RAMP DETAILS</b>			
<b>S CICERO AVE AT W 21ST ST</b>			
SCALE: 1" = 5'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	28
CONTRACT NO. 62C95				
ILLINOIS FED. AID PROJECT				

# S CICERO AVE



- NOTES:**
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
  - DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



## LEGEND

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- XX.X' EXISTING LENGTH
- DETECTABLE WARNINGS
- ( ) EXISTING ELEVATION/SLOPE
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK (TBM 6) ELEV 604.06  
 BENCHMARK : '□' IN SOUTH SIDE OF LIGHT POLE BASE  
 LOCATION : NW CORNER OF 21ST AND CICERO

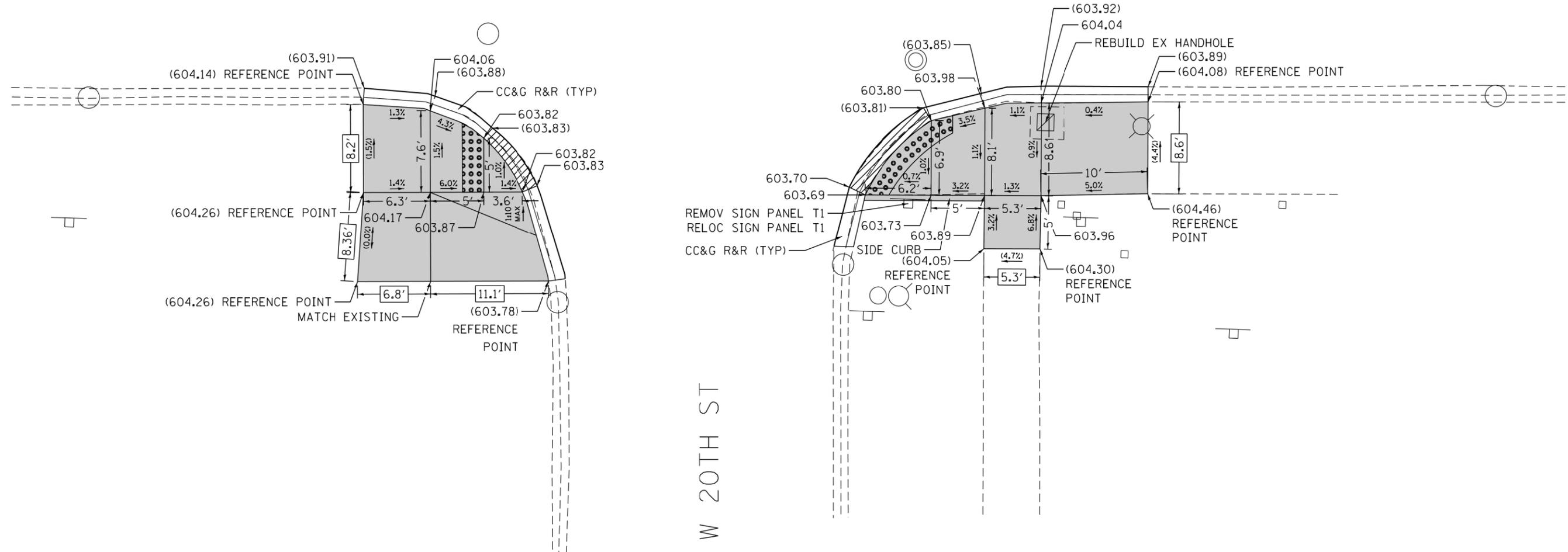
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS  
 S CICERO AVE AT W 21ST ST

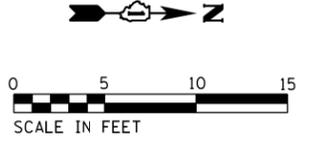
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	29
CONTRACT NO. 62C95				

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

# S CICERO AVE



NOTES:  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



REFERENCE BENCHMARK (TBM 7) ELEV 604.05  
 BENCHMARK : "X" IN SIDEWALK  
 LOCATION : WEST OF 20TH AND CICERO AT 1924 / 1926 CICERO

## LEGEND

- XX.X' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE
- PC CONC SIDEWALK 5
- DEPRESSURED CURB & GUTTER
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

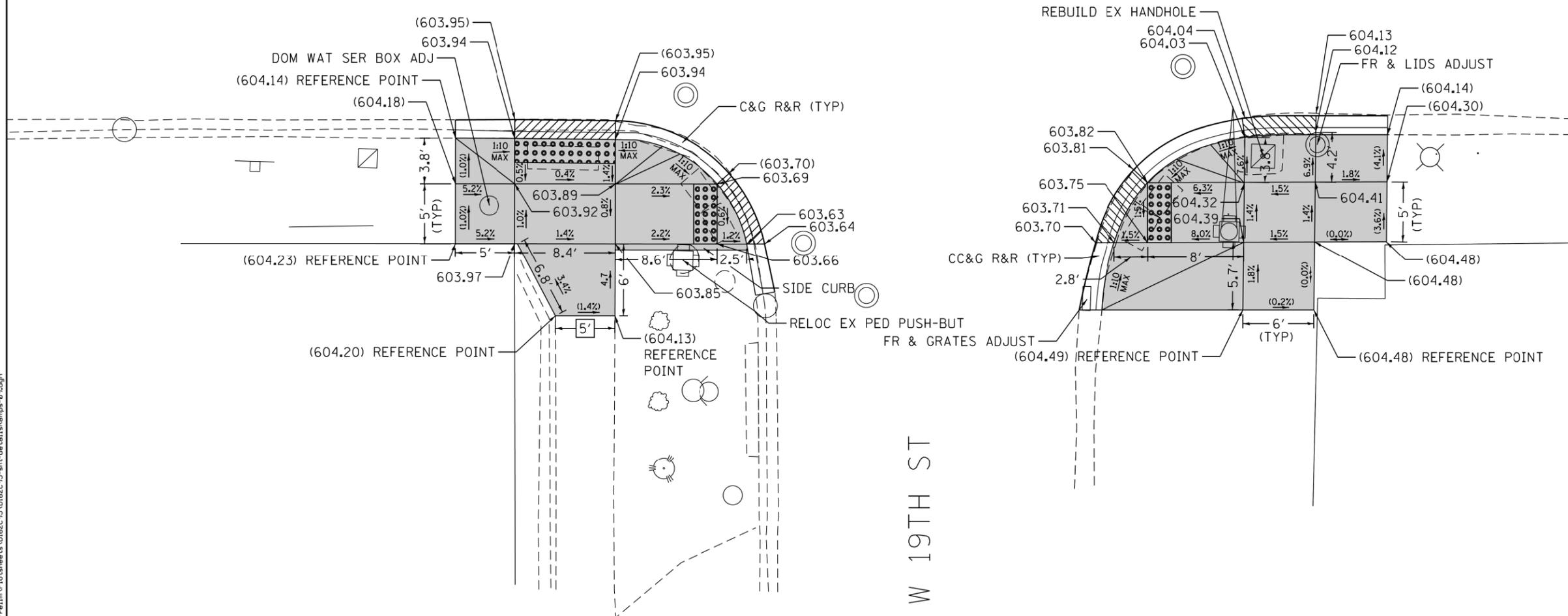
ADA RAMP DETAILS  
 S CICERO AVE AT W 20TH ST

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	30
CONTRACT NO. 62C95				

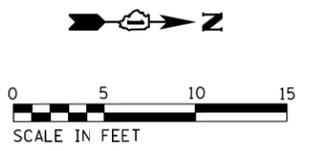
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# S CICERO AVE



**NOTES:**  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



REFERENCE BENCHMARK (TBM 8) ELEV 603.46  
 BENCHMARK : '□' IN WEST SIDE OF LIGHT POLE BASE  
 LOCATION : NE CORNER OF 19TH AND CICERO

## LEGEND

- XX.X' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE
- PC CONC SIDEWALK 5
- DEPRESSURED CURB & GUTTER
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

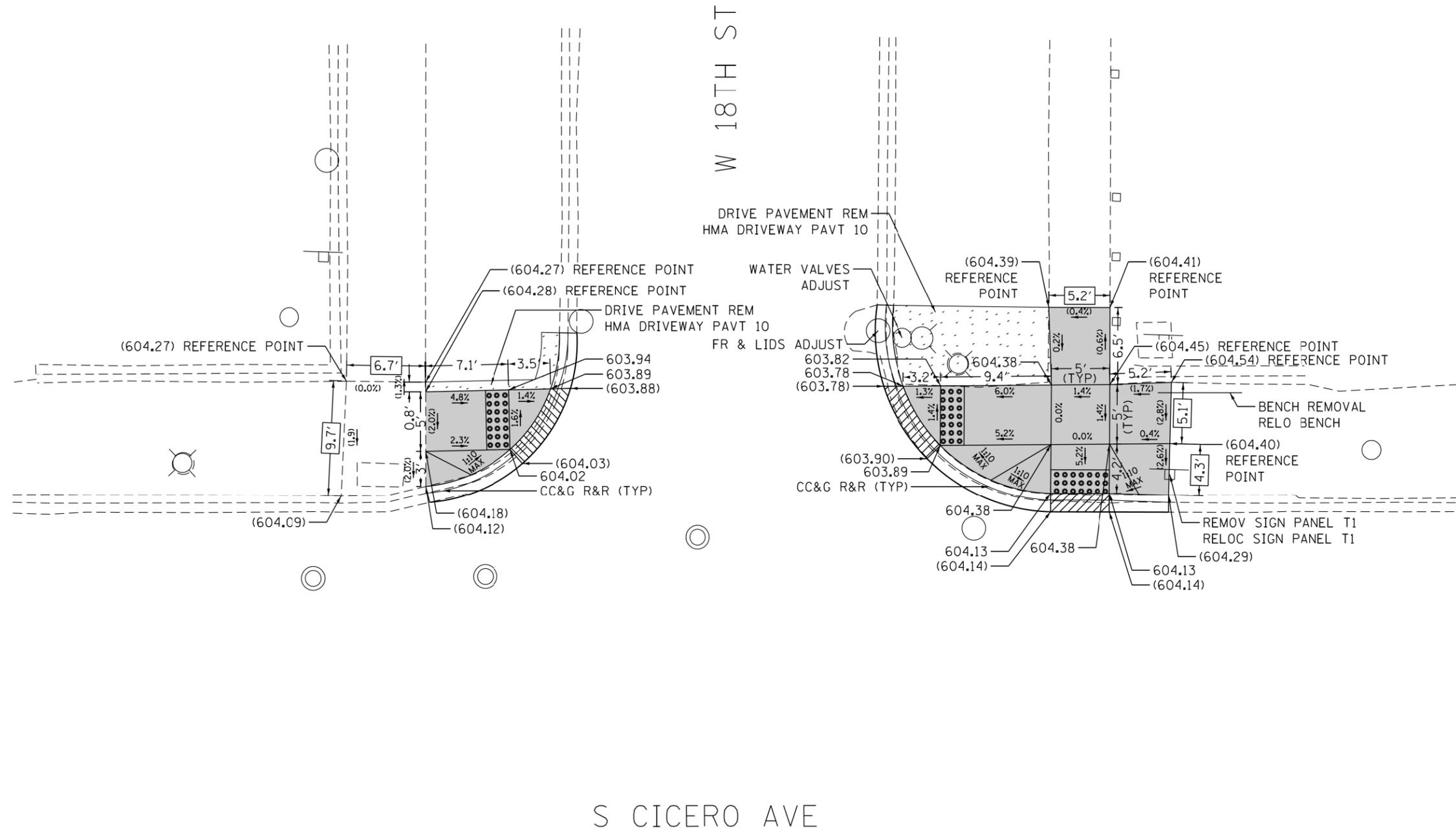
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS  
 S CICERO AVE AT W 19TH ST**

SCALE: 1" = 5'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	31
CONTRACT NO. 62C95				
ILLINOIS FED. AID PROJECT				

FILE NAME = Z:\17002.01\DDT 01\W01\_ADA\_Ramps\_Various\_Routes\IGM\Design\Prelim\Plotsheets\0162C95\0162C95-sh1-detail1Ramps-09.dgn



NOTES:  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".

REFERENCE BENCHMARK (TBM 9) ELEV 604.56  
 BENCHMARK : '□' IN EAST SIDE OF LIGHT POLE BASE  
 LOCATION : SW CORNER OF 18TH AND CICERO

**LEGEND**

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- XX.X' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

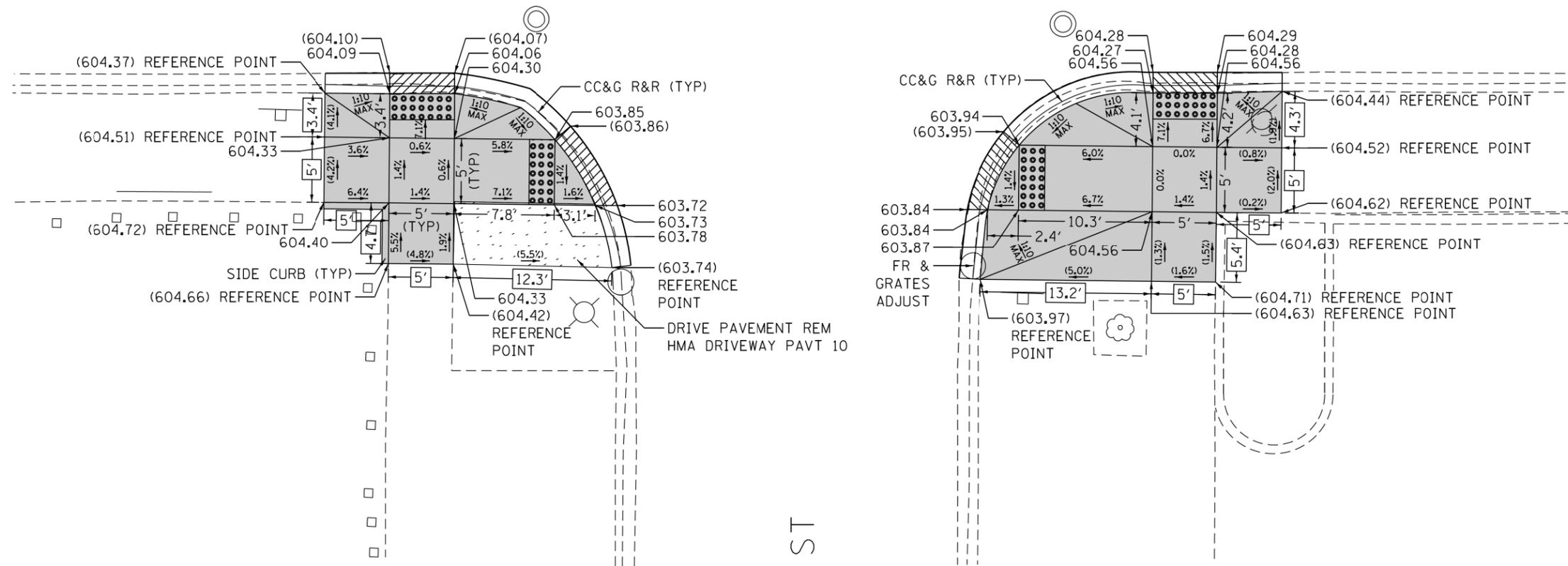
**ADA RAMP DETAILS  
 S CICERO AVE AT W 18TH ST**

SCALE: 1" = 5'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	32
CONTRACT NO. 62C95				
ILLINOIS FED. AID PROJECT				

FILE NAME = Z:\17002.01\DDT 01\W01\_ADA\_Ramps\_Various\_Routes\IGM\Design\Prelim\Plotsheets\0162C95\0162C95-sh1-detail18Ramps-18.dgn

# S CICERO AVE



W 18TH ST

NOTES:  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".

REFERENCE BENCHMARK (TBM 9) ELEV 604.56  
 BENCHMARK : '□' IN EAST SIDE OF LIGHT POLE BASE  
 LOCATION : SW CORNER OF 18TH AND CICERO

## LEGEND

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- EXISTING LENGTH
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

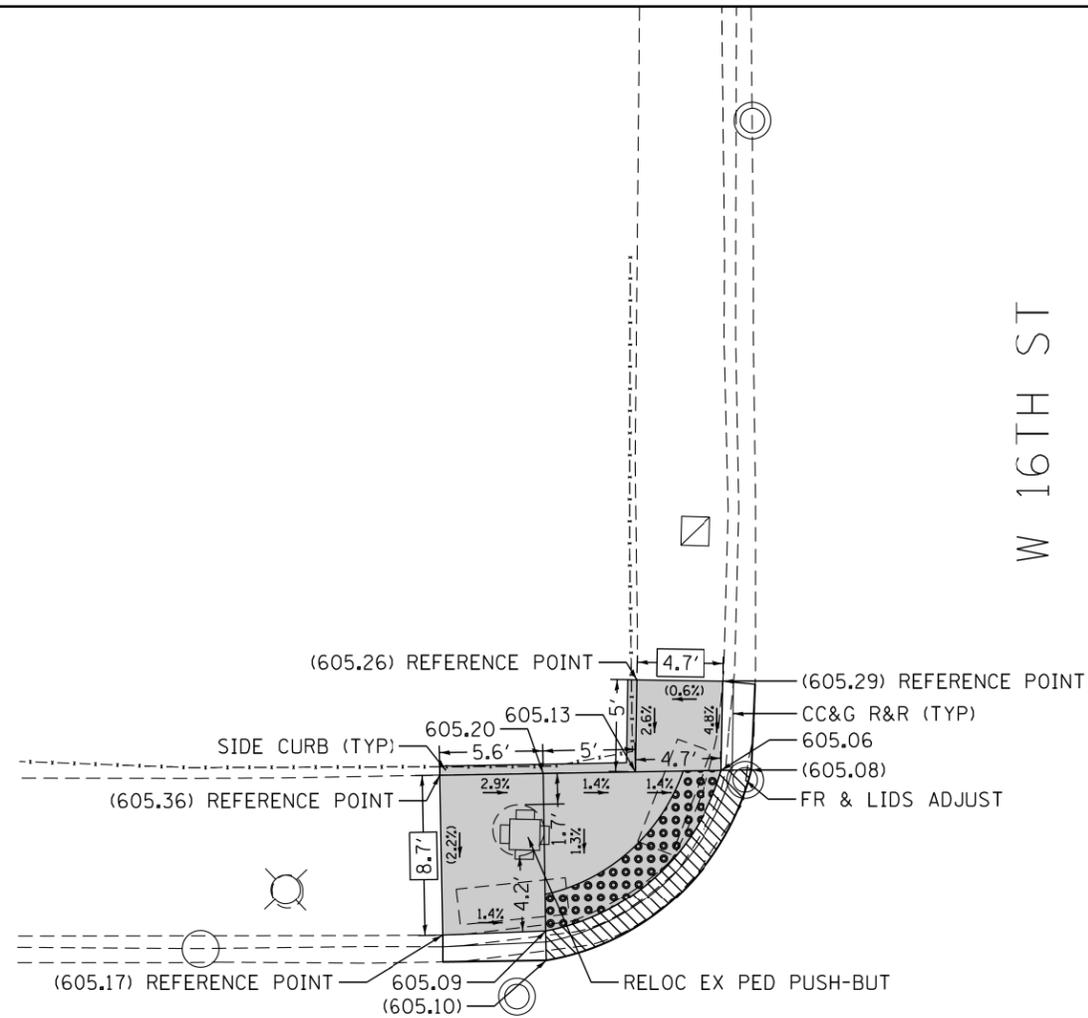
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS  
 S. CICERO AVE AT W. 18TH ST

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	33
CONTRACT NO. 62C95				

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

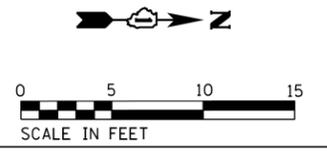
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W 16TH ST

S CICERO AVE

NOTES:  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



REFERENCE BENCHMARK (TBM 10) ELEV 606.06  
 BENCHMARK : "X" IN SE BOLT OF TRAFFIC SIGNAL BASE  
 LOCATION : SE CORNER OF 16TH AND CICERO

LEGEND	
PC CONC SIDEWALK 5	DEPRESSED CURB & GUTTER
EXISTING LENGTH	DETECTABLE WARNINGS
EXISTING ELEVATION/SLOPE	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

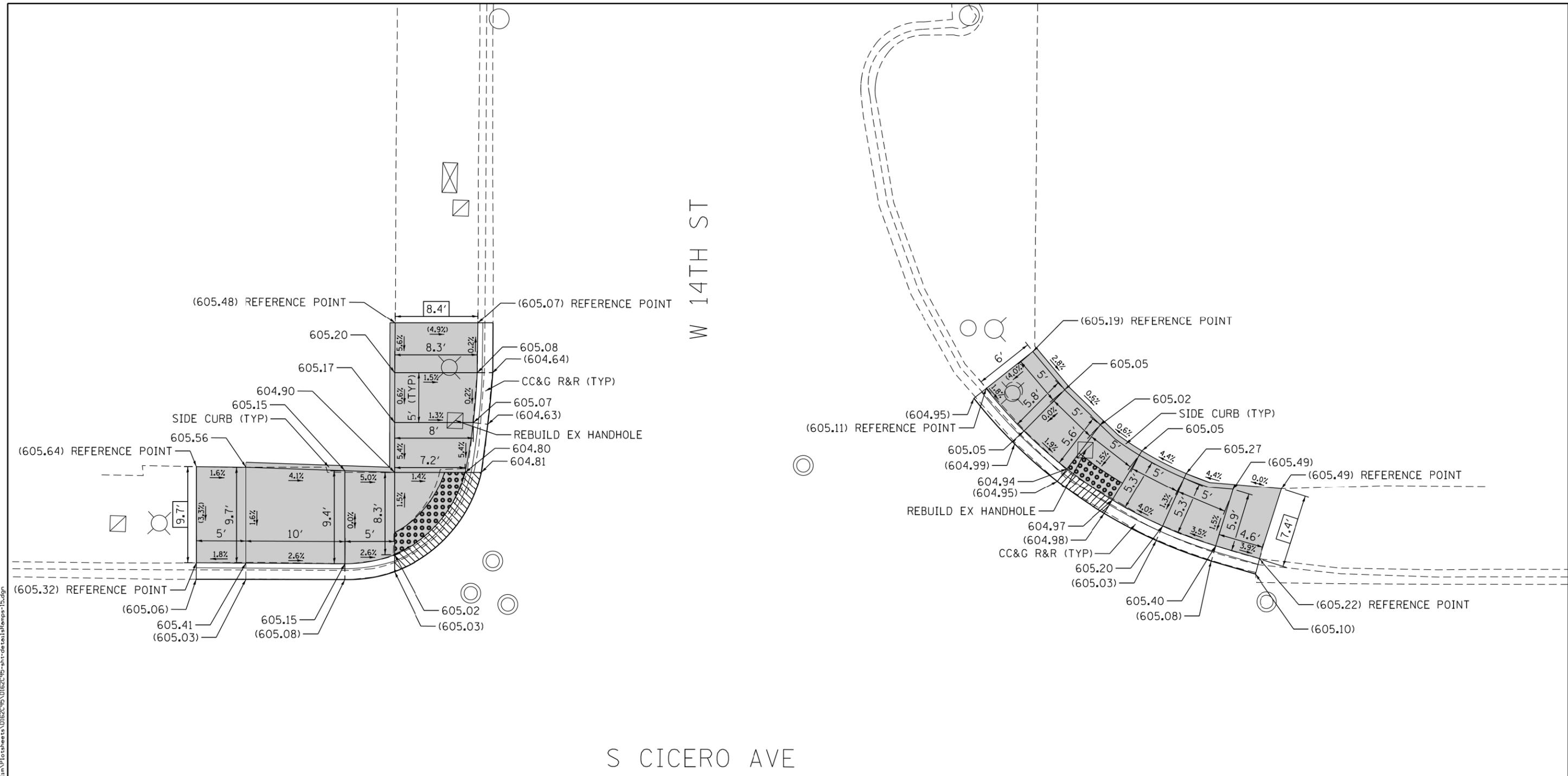
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	SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.						

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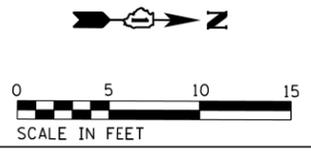




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**NOTES:**  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



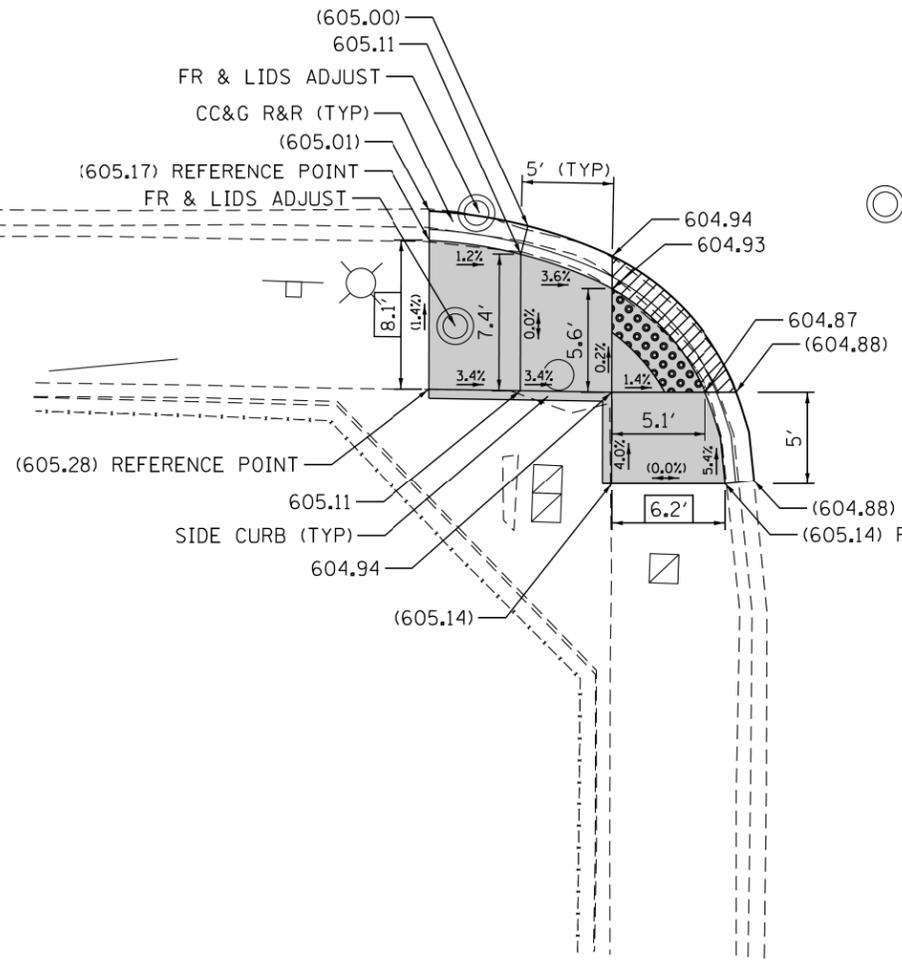
REFERENCE BENCHMARK (TBM 13) ELEV 606.26  
 BENCHMARK : SW BOLT ON LIGHT POLE BASE  
 LOCATION : NE CORNER OF 14TH & CICERO 5' WEST OF DOOR MARKED "C"

**LEGEND**

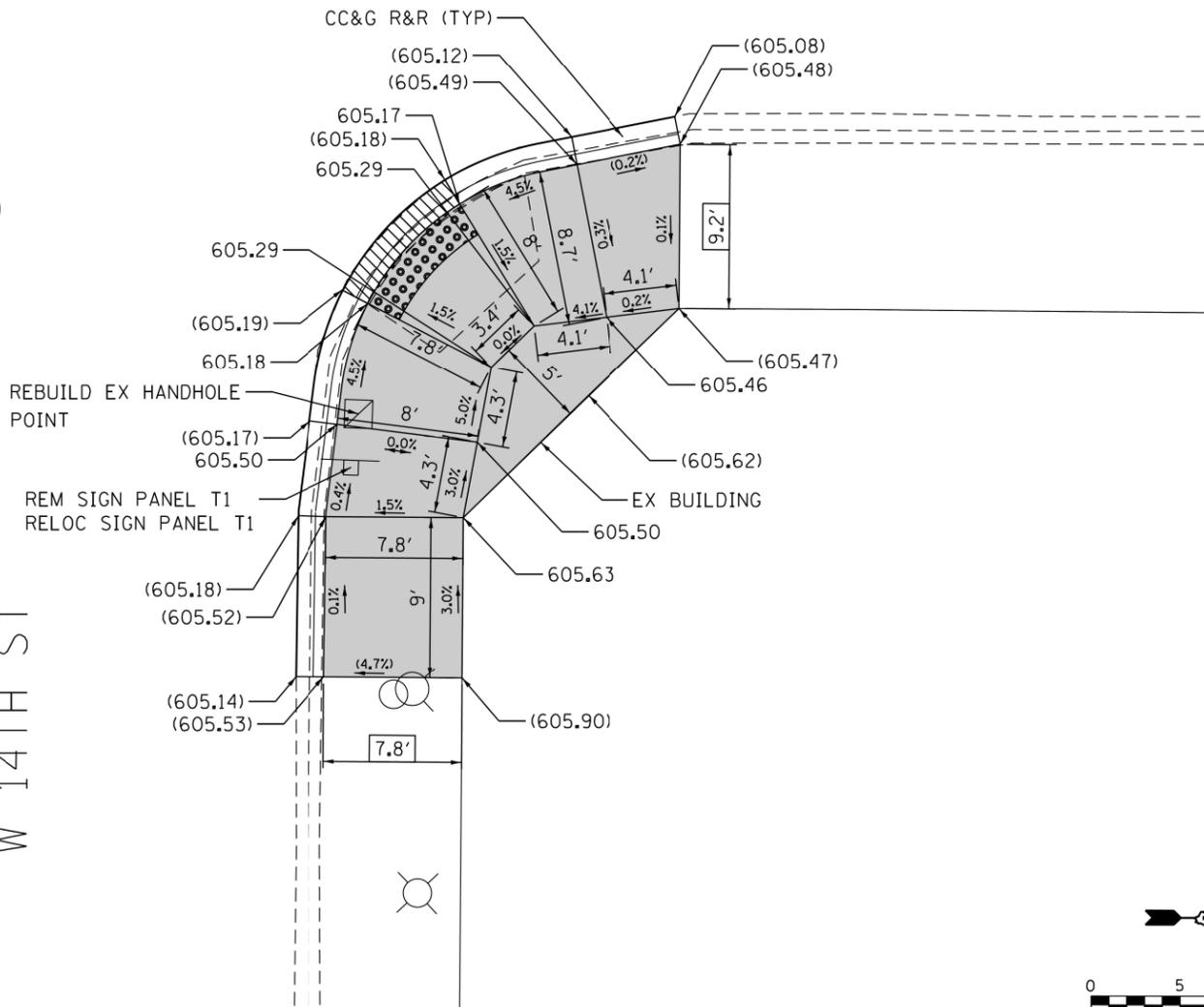
<span style="border: 1px solid black; padding: 2px;">XX.X'</span> EXISTING LENGTH	PC CONC SIDEWALK 5	DEPRESSED CURB & GUTTER
( ) EXISTING ELEVATION/SLOPE	DETECTABLE WARNINGS	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = mslick DESIGNED - AN / MS / RW DRAWN - AN / MS / RW PLOT SCALE = 10.0000' / in. CHECKED - JH PLOT DATE = 11/22/2017 DATE - 04/23/2017	REVISIONS REVISIONS REVISIONS REVISIONS	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ADA RAMP DETAILS</b> <b>S CICERO AVE AT W 14TH ST</b>	F.A.P. RTE. 350 SECTION 50 & 57RS-1 COUNTY COOK TOTAL SHEETS 80 SHEET NO. 37 CONTRACT NO. 62C95 ILLINOIS FED. AID PROJECT
Default		SCALE: 1" = 5'	SHEET OF SHEETS STA. TO STA.	

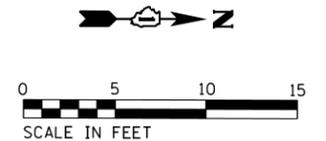
# S CICERO AVE



W 14TH ST



- NOTES:**
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
  - DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



## LEGEND

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- XX.X' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

REFERENCE BENCHMARK (TBM 13) ELEV 606.26  
 BENCHMARK : SW BOLT ON LIGHT POLE BASE  
 LOCATION : NE CORNER OF 14TH & CICERO 5' WEST OF DOOR MARKED "C"

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS  
 S CICERO AVE AT W 14TH ST

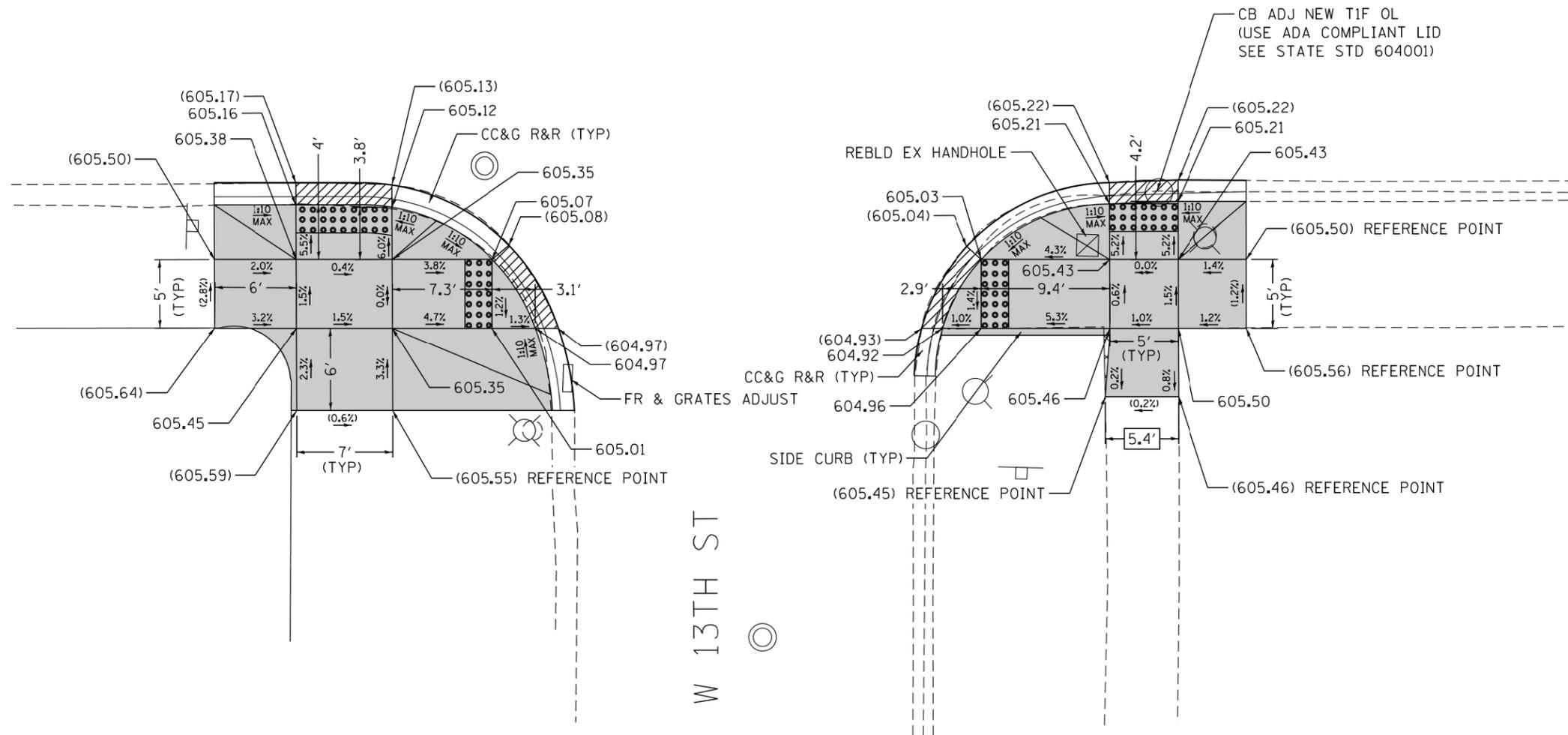
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	38
CONTRACT NO. 62C95				

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

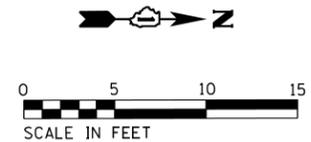
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# S CICERO AVE



NOTES:  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



REFERENCE BENCHMARK (TBM 14) ELEV 607.65  
 BENCHMARK : "X" IN NE BOLT OF MOBIL SIGN  
 LOCATION : SW CORNER OF 13TH AND CICERO

## LEGEND

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- EXISTING LENGTH
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

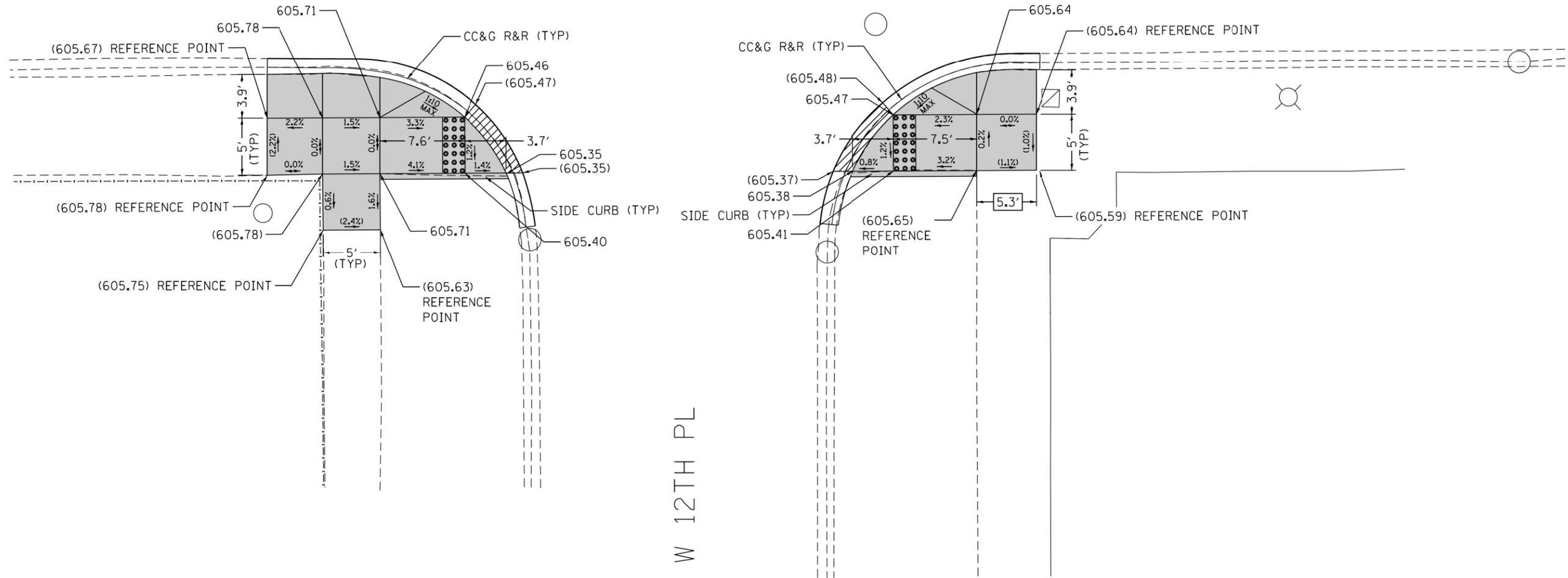
ADA RAMP DETAILS  
 S CICERO AVE AT W 13TH ST

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	40
CONTRACT NO. 62C95				

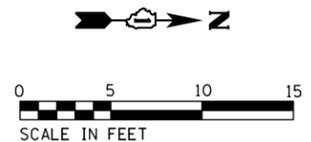
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

FILE NAME = Z:\17002.01\DDT\_01\W01\_ADA\_Ramps\_Various\_Routes\GDN\Design\Prelim\Plotsheets\0162C95\0162C95-sh1-detail1Ramps-1B.dgn

# S CICERO AVE



- NOTES:**
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
  - DETECTABLE WARNINGS ON RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".



REFERENCE BENCHMARK (TBM 15) ELEV 605.82  
 BENCHMARK : '□' IN WEST SIDE OF LIGHT POLE BASE  
 LOCATION : NE CORNER OF 12TH AND CICERO

## LEGEND

- PC CONC SIDEWALK 5
- DEPRESSED CURB & GUTTER
- XX.X' EXISTING LENGTH
- DETECTABLE WARNINGS
- ( ) EXISTING ELEVATION/SLOPE
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS  
 S CICERO AVE AT W 12TH PL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	41
CONTRACT NO. 62C95				

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

FILE NAME = Z:\17002.01\DDT 01\W01 ADA Ramps Various Routes\GDA\Design\Prelim\PlotSheets\0162C95\0162C95-sh1-detailRamps-1.dgn

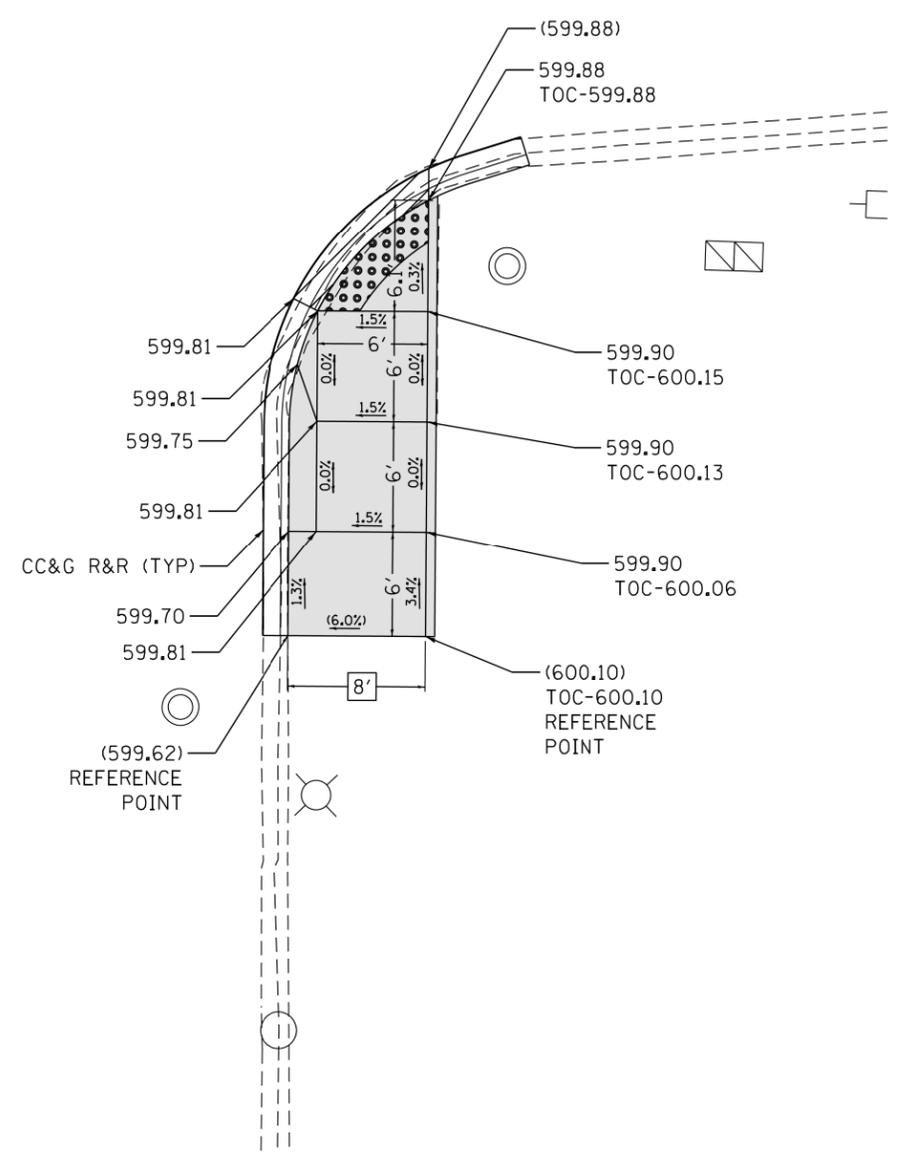






W. 5TH AVE.

S. CICERO AVE.



NOTES:  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS FOR RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".

REFERENCE BENCHMARK (TBM 16) ELEV 607.16  
 BENCHMARK : "X" IN NW BOLT OF LIGHT POLE BASE  
 LOCATION : SOUTH OF ARTHINGTON WEST OF CICERO

**LEGEND**

- EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE
- == PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- ▨ DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS
- ⊗ BENCHMARK
- ⊠ SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

Default	USER NAME = JKJELLMA	DESIGNED - RP 11/22/2017	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS S. CICERO AVE AT 5TH AVENUE		F.A.P. RTE. 350	SECTION 50 & 57RS-1	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 44
	PLOT SCALE = 10.0000' / 1in.	CHECKED - JK 11/22/2017	REVISED -		SCALE: 1" = 5'	SHEET 22 OF SHEETS	STA. TO STA.	CONTRACT NO. 62C95			
	PLOT DATE = 12/8/2017	DATE - 11/22/2017	REVISED -		ILLINOIS FED. AID PROJECT						



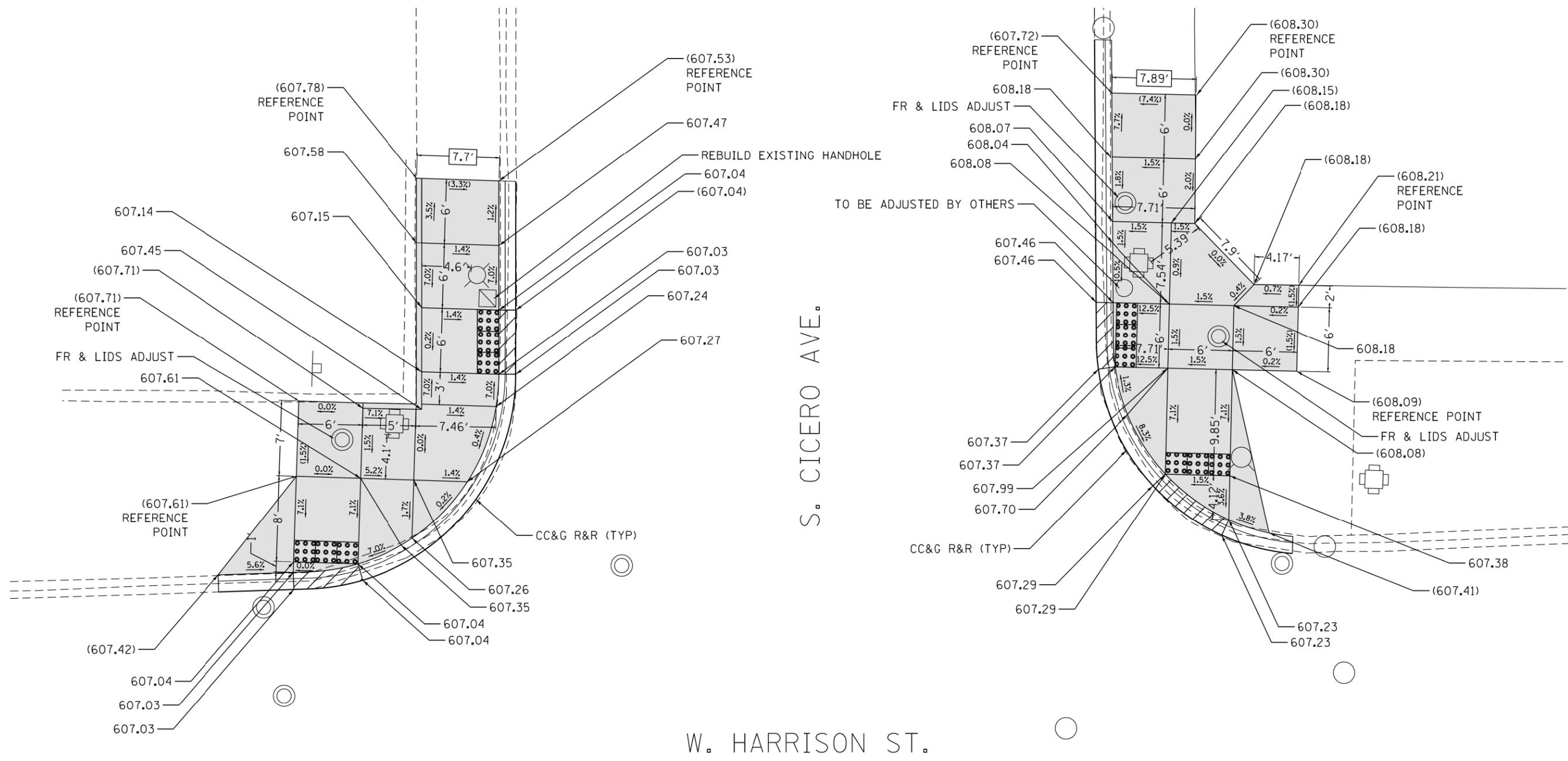












NOTES:  
 1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.  
 2. DETECTABLE WARNINGS FOR RAMPS LOCATED WITHIN THE LIMITS OF THE CITY OF CHICAGO SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".

REFERENCE BENCHMARK (TBM 18) ELEV 608.31  
 BENCHMARK: "X" IN SW BOLT OF LIGHT POLE BASE  
 LOCATION: 3RD LIGHT POLE NORTH OF FLOURNOY EAST SIDE OF CICERO

LEGEND	
XX.XX	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
[Solid Grey Box]	PROPOSED SIDEWALK
[Hatched Box]	DEPRESSED CURB & GUTTER
[Grid of Dots]	DETECTABLE WARNINGS
[Circle with X]	BENCHMARK
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

USER NAME = JKJELMA	DESIGNED - RP	11/22/2017	REVISED -
	DRAWN - RP	11/22/2017	REVISED -
PLOT SCALE = 10.0000' / 1in.	CHECKED - JK	11/22/2017	REVISED -
PLOT DATE = 12/5/2017	DATE -	11/22/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

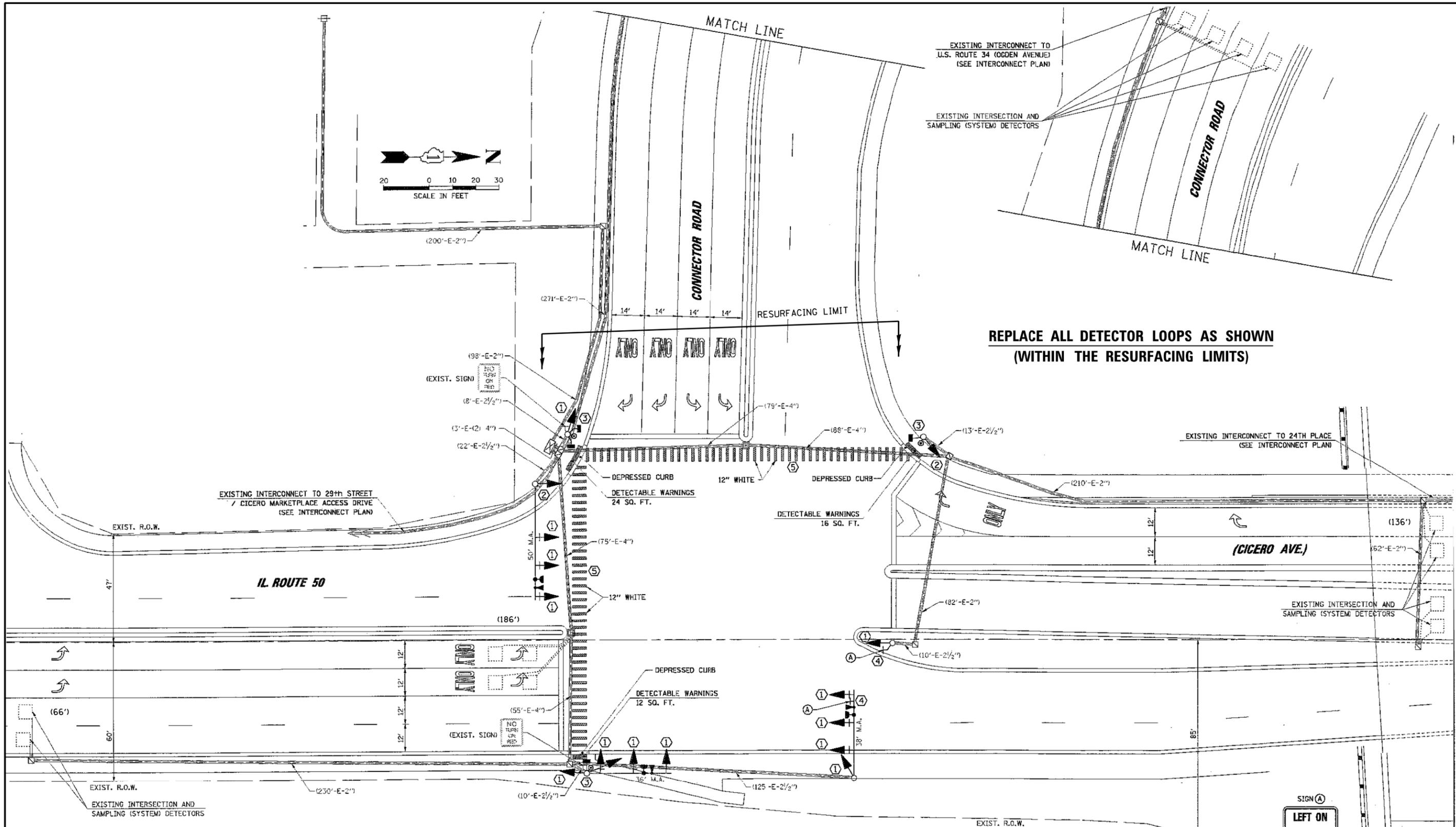
**ADA RAMP DETAILS  
 S. CICERO AVE AT HARRISON STREET**

SCALE: 1" = 5'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	51
CONTRACT NO. 62C95				
ILLINOIS FED. AID PROJECT				







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

**NOTES:**

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	388	FOOT



R10-5  
24" x 30"  
2-REQUIRED

FILE NAME =	USER NAME = nguyenam	DESIGNED - SN	REVISED -
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project -	DRAWN - SN	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISED -
	PLOT DATE = 9/28/2016	DATE - 9/27/2016	REVISED -

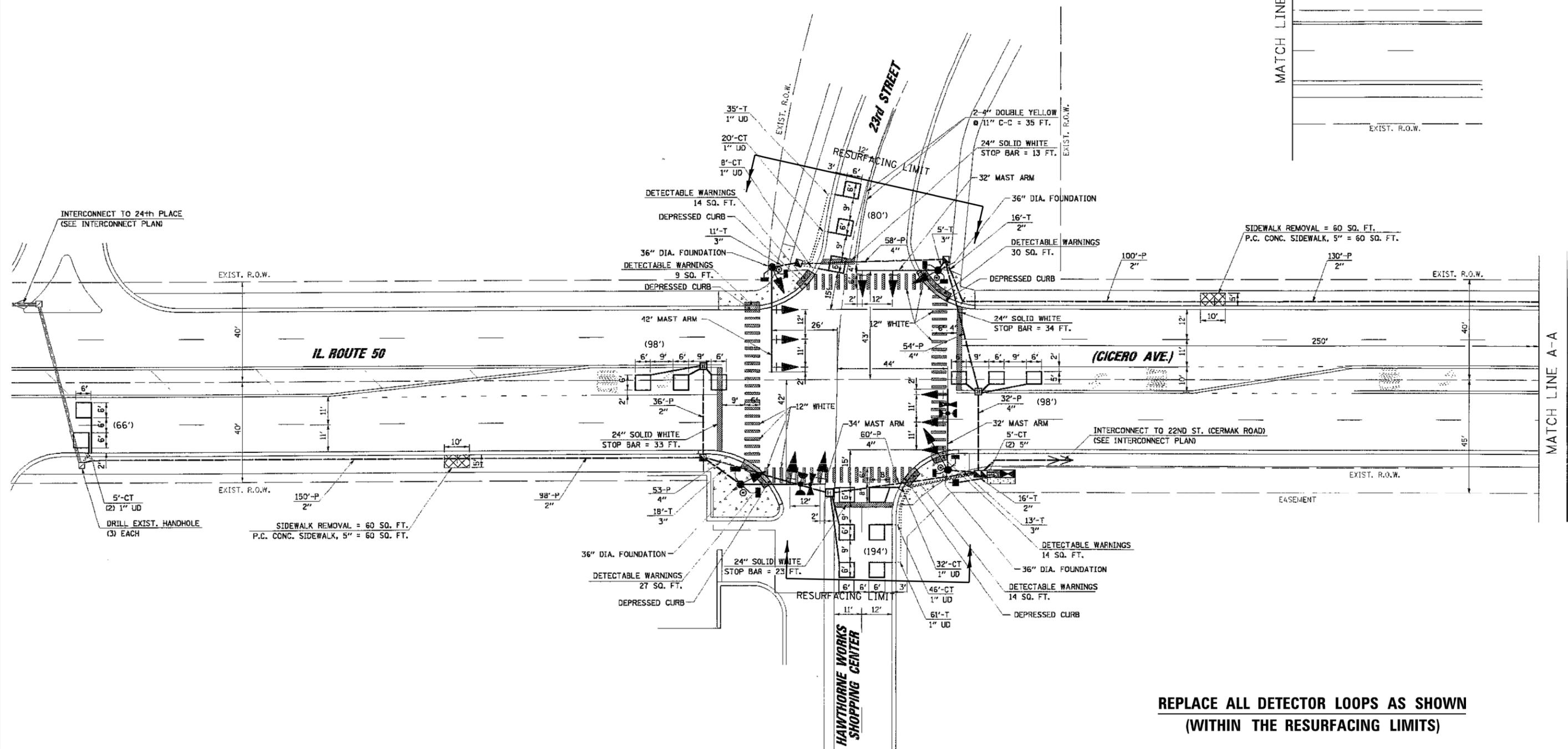
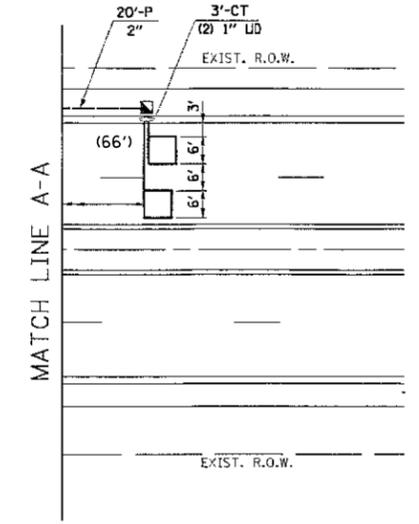
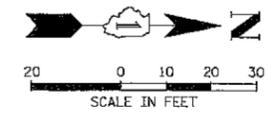
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETECTOR LOOP REPLACEMENT PLAN</b>			
<b>IL RTE 50 (CICERO AVE) AT CONNECTOR ROAD</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	54
CONTRACT NO. 62C95				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



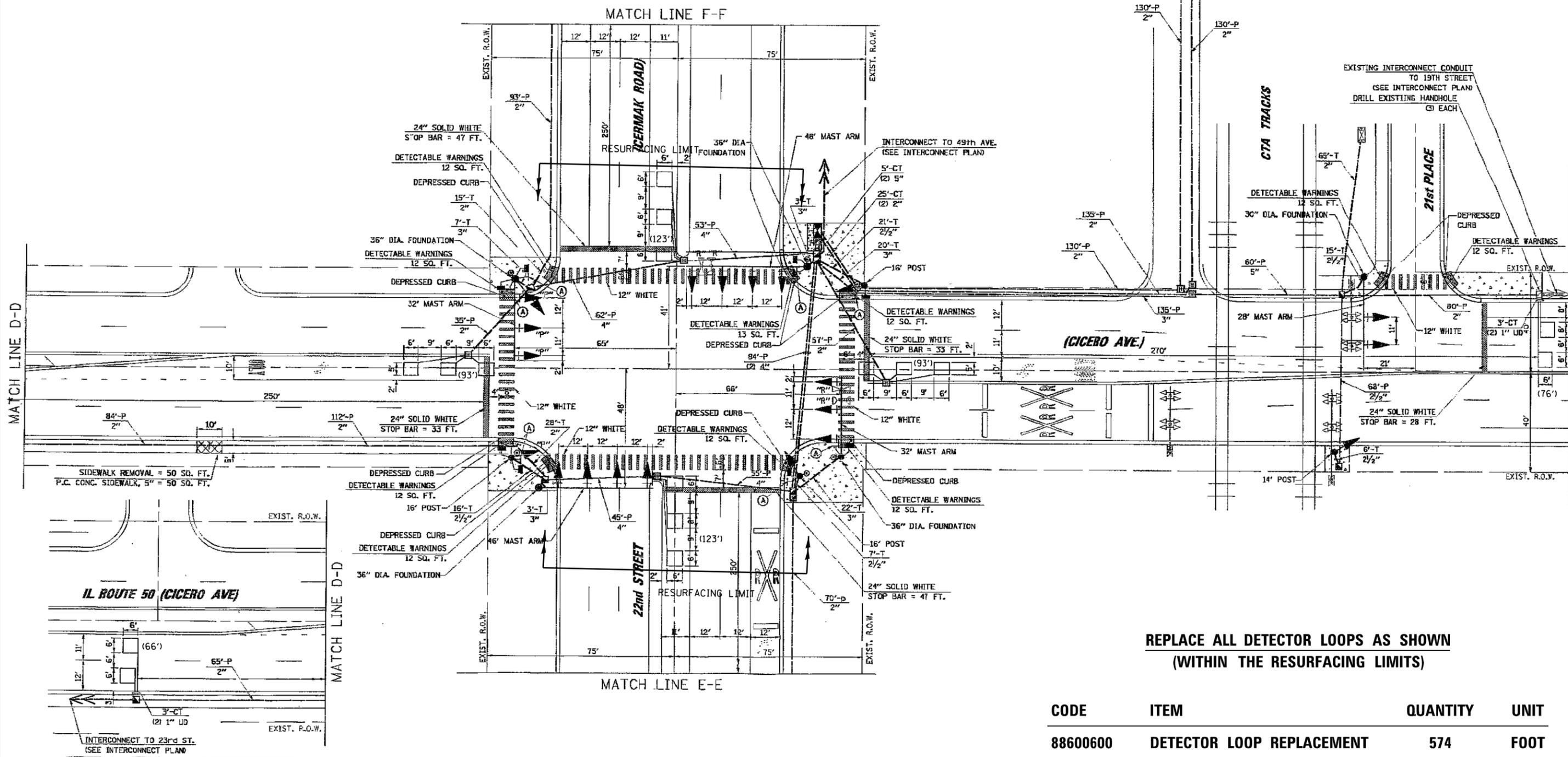
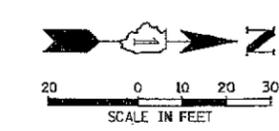
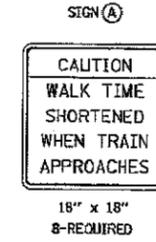
**REPLACE ALL DETECTOR LOOPS AS SHOWN  
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	602	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN IL RTE 50 (CICCRO AVE) AT 23RD STREET</b>				F.A.P. RTE. 350	SECTION 50 & 57RS-1	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 55
S:\NWP\Design\SN_B of Design - Detector	Loops Replacement - Resurfacing project - 2016	DRAWN - SN	REVISED -		<b>CONTRACT NO. 62C95</b>				ILLINOIS FED. AID PROJECT				
		CHECKED - SN	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		
Default		DATE - 9/27/2016	REVISED -										

**NOTES:**

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

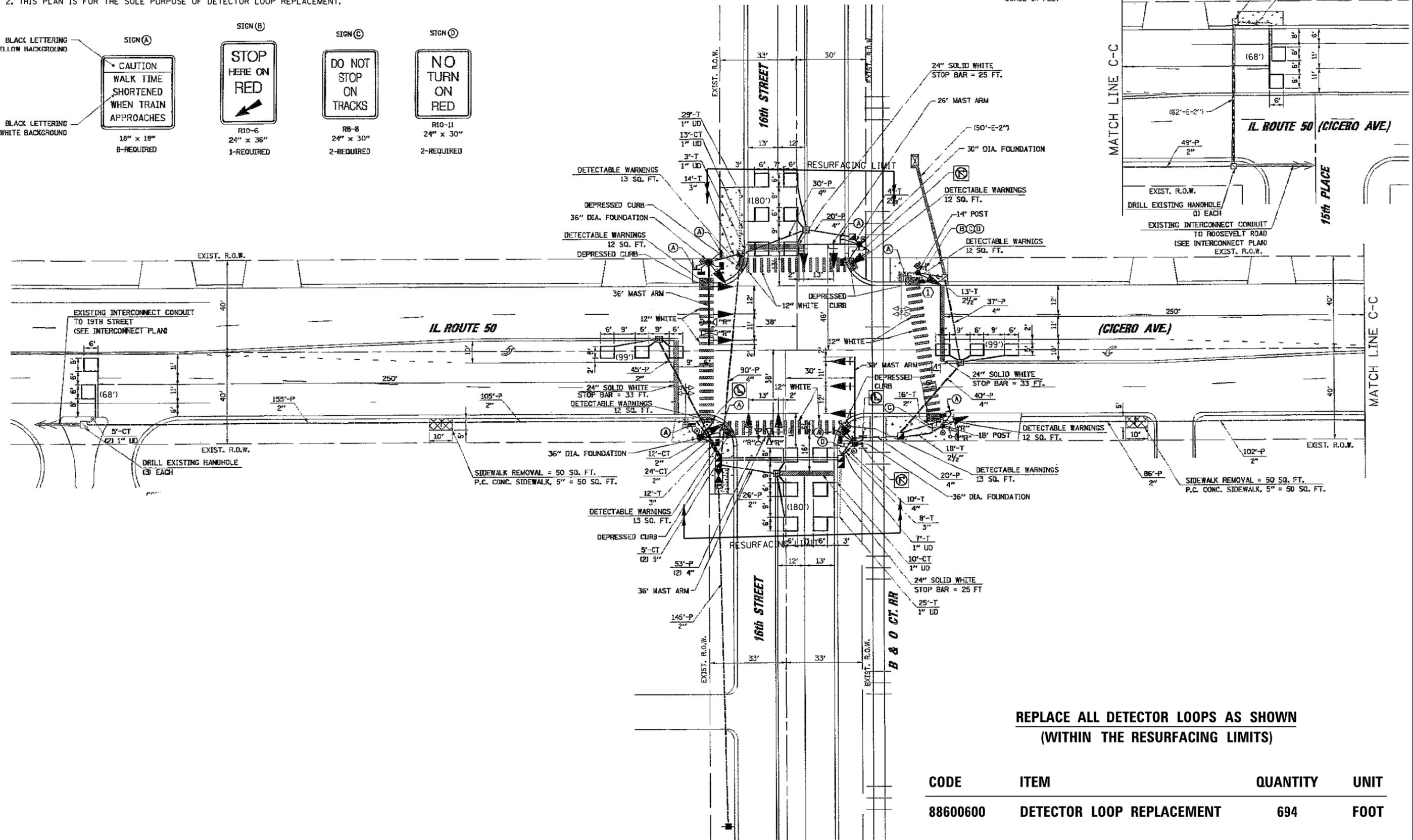
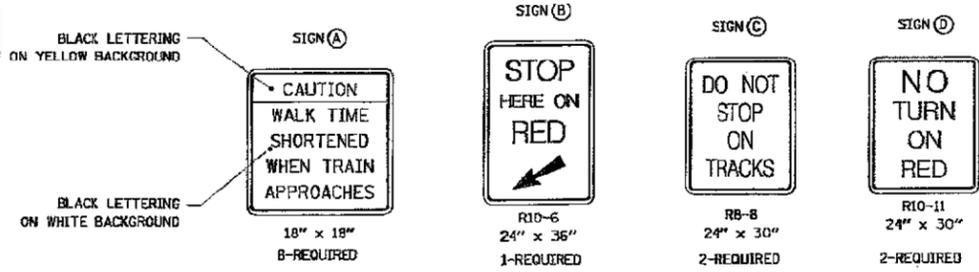
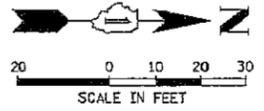


**REPLACE ALL DETECTOR LOOPS AS SHOWN  
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	574	FOOT

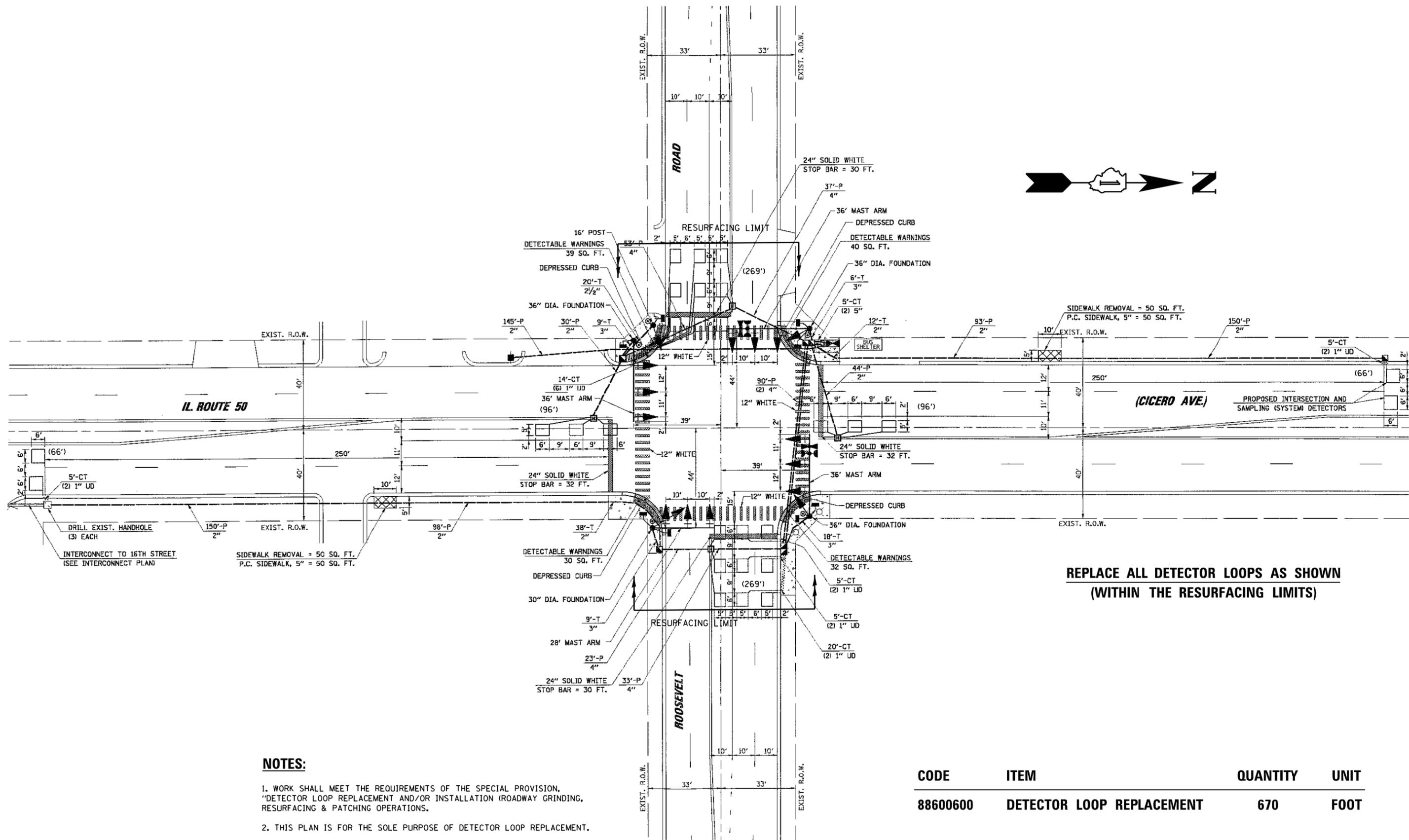
**NOTES:**

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	694	FOOT



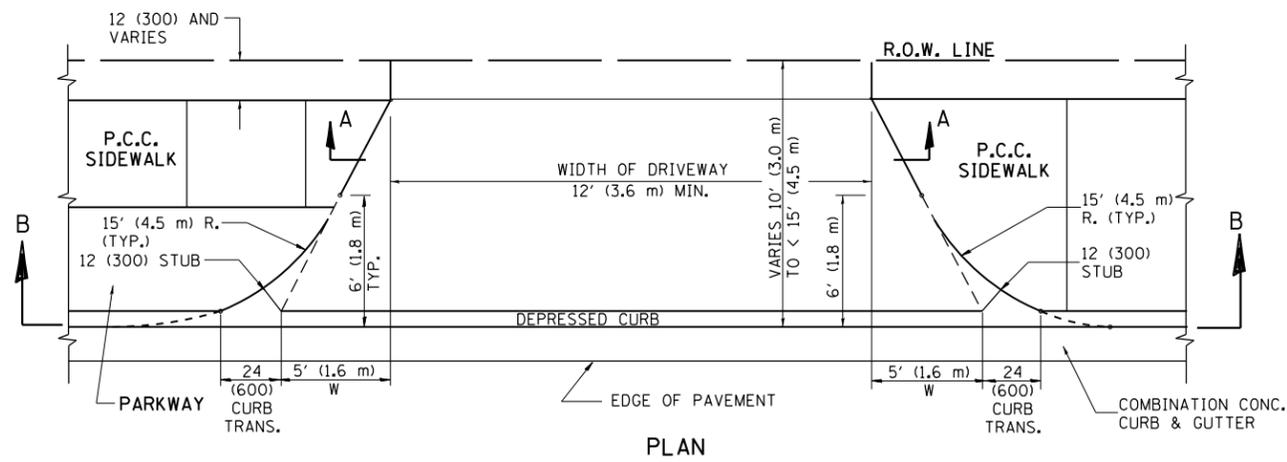
**NOTES:**

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

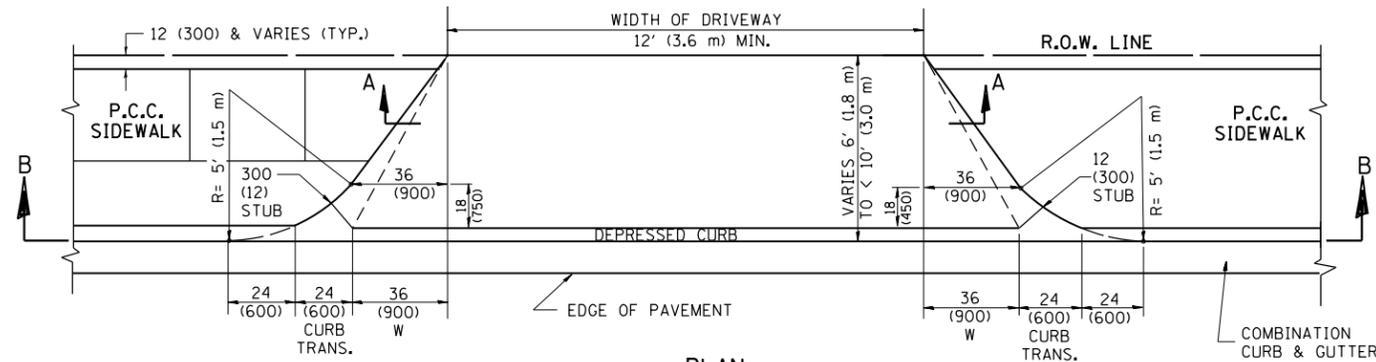
**REPLACE ALL DETECTOR LOOPS AS SHOWN  
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	670	FOOT

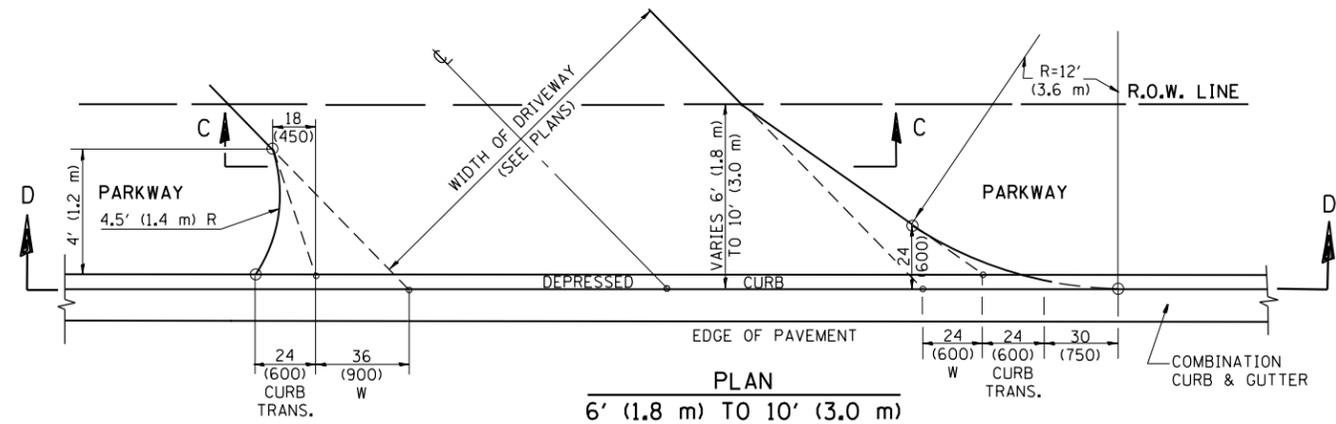
FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN IL. RTE 50 (CICERO AVE) AT ROOSEVELT ROAD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project - 2016	DRAWN - SN	REVISED -			350	50 & 57RS-1	COOK	80	58
Default		CHECKED - SN	REVISED -			<b>CONTRACT NO. 62C95</b>				
		DATE - 9/27/2016	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.



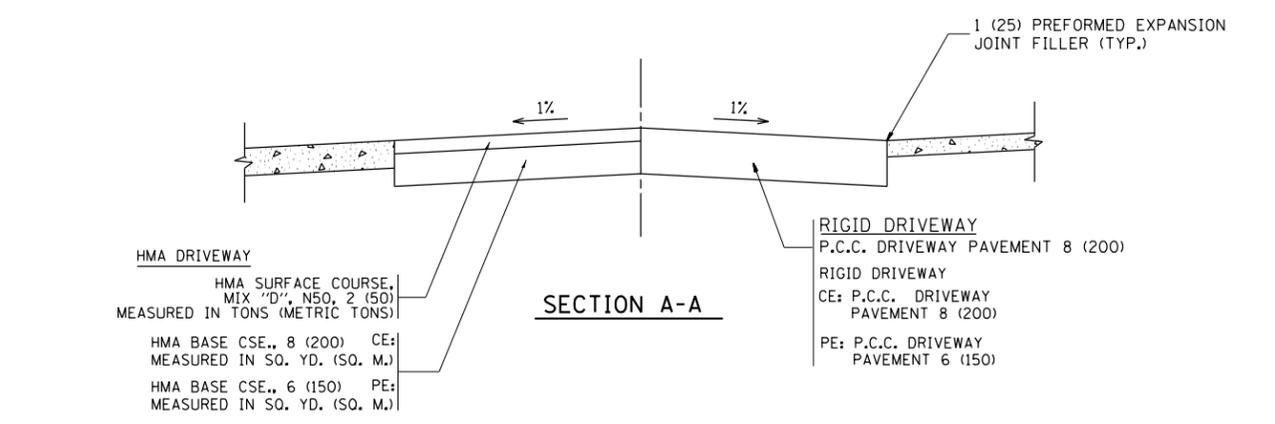
**PLAN**  
10' (3.0 m) TO < 15' (4.5 m)



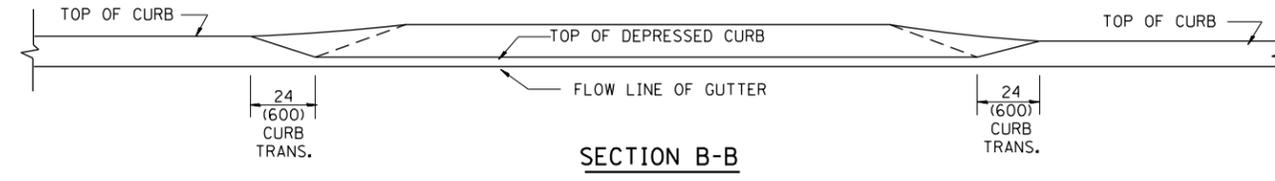
**PLAN**  
6' (1.8 m) TO < 10' (3.0 m)



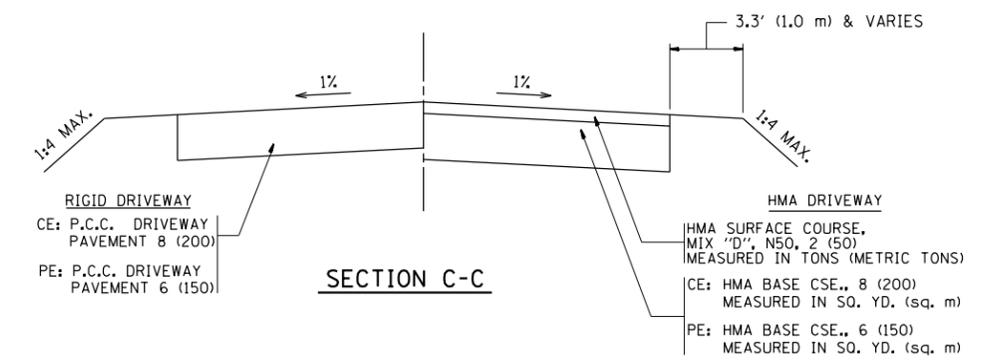
**PLAN**  
6' (1.8 m) TO 10' (3.0 m)



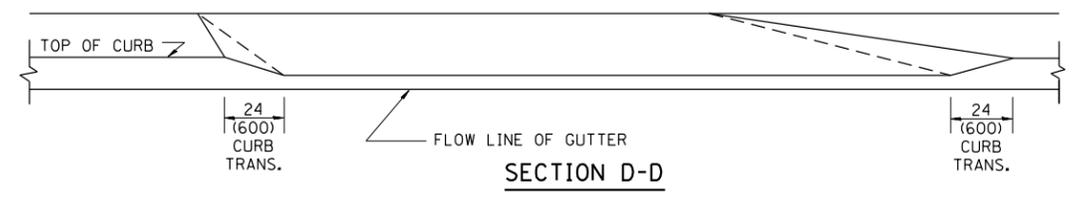
**SECTION A-A**



**SECTION B-B**



**SECTION C-C**



**SECTION D-D**

**GENERAL NOTES**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

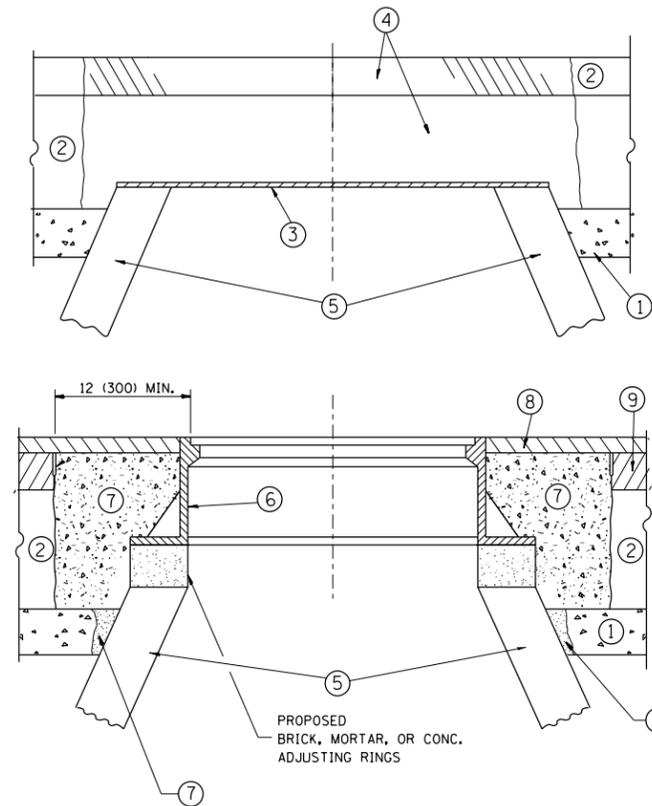
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = currywaw	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\IDOT Offices\District 1\Projects\0141\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - P. LaFLEUR 04-15-03
		DATE - 11-06-95	REVISED - R. BORO 01-01-07
			REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS	
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	59
BD400-02 (BD-02)		CONTRACT NO. 62C95		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (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."

**LEGEND**

- 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
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑨ PROPOSED HMA BINDER COURSE
- ⑤ EXISTING STRUCTURE

**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:**

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.

**NOTES:**

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

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

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

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

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

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

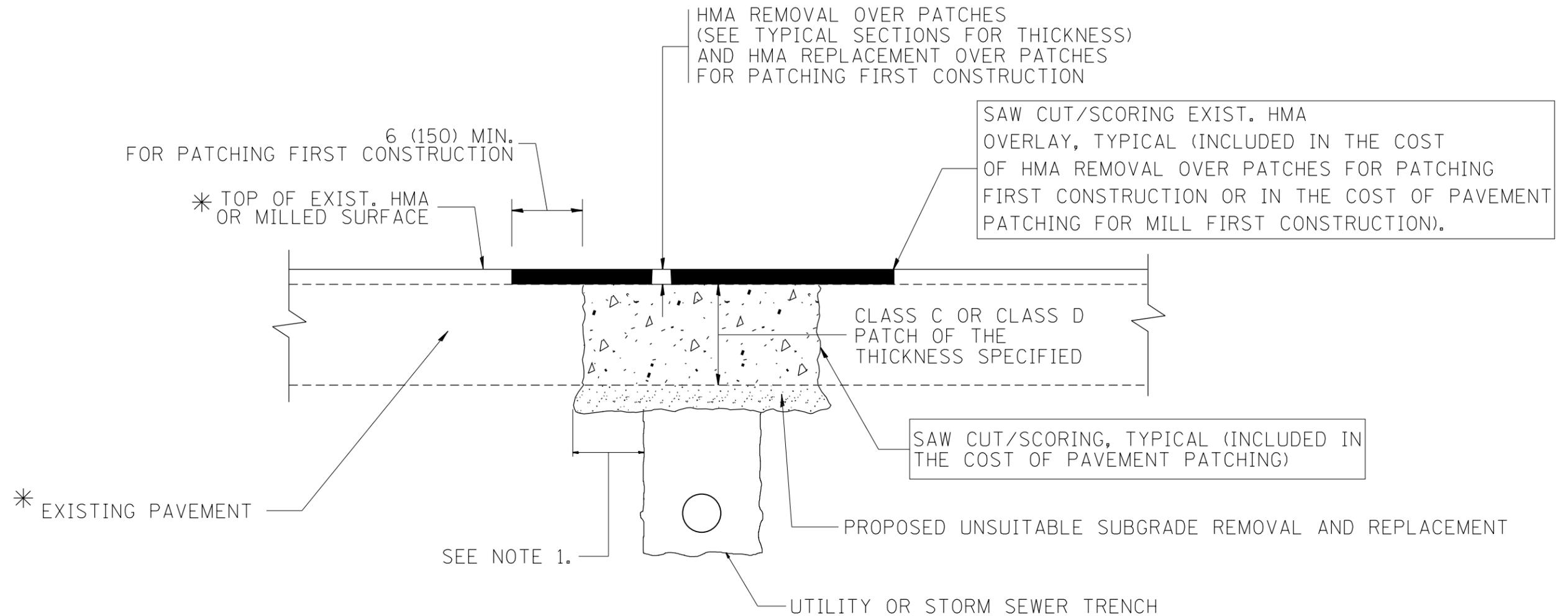
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = curryaw	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
pw\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI41\Drawings\Design\Diststd.dgn			REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/14/2017	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	60
<b>BD600-03 (BD-8)</b>		<b>CONTRACT NO. 62C95</b>		
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

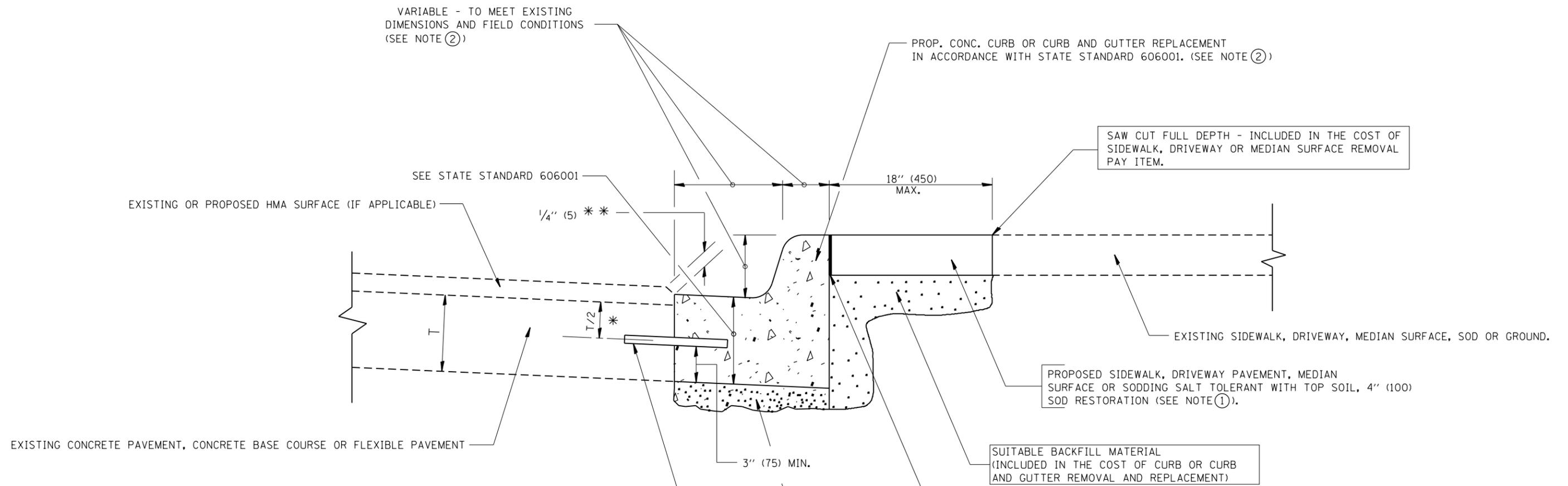
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

FILE NAME =	USER NAME = curryaw	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI418\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - R. BORO 01-01-07					350	50 & 57RS-1	COOK	80	61
PLOT SCALE = 100.0002' / 1in.		DATE - 10-25-94	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 62C95				
PLOT DATE = 12/14/2017			REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
  - \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.
- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.
- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
  - ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
  - ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
  - ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
  - ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
  - ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
  - ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

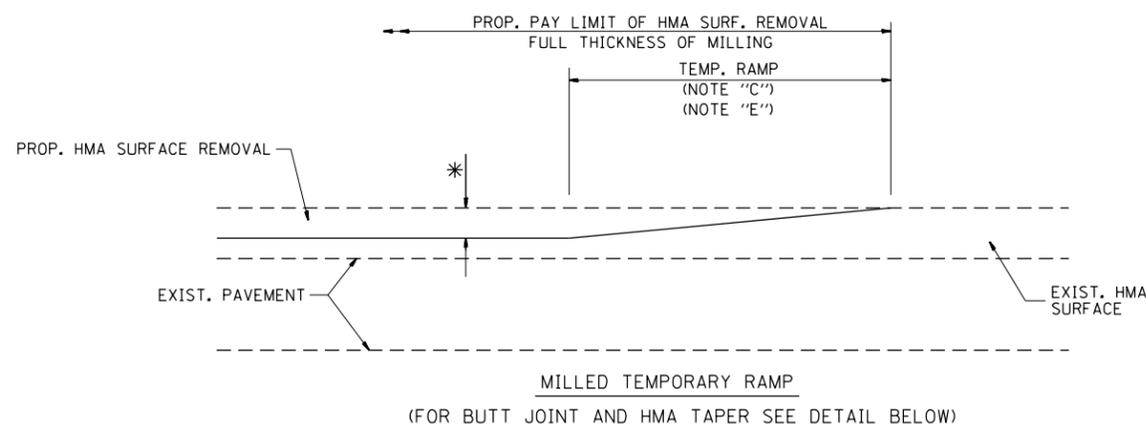
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.
- REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

**BASIS OF PAYMENT:**  
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

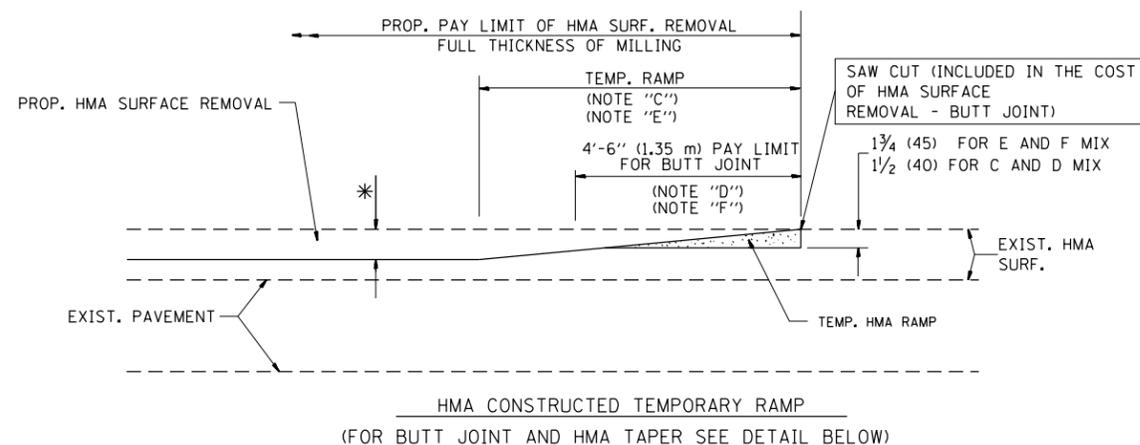
# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = curryw	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED - A. ABBAS 03-21-97			350	50 & 57RS-1	COOK	80	62	
			REVISED - M. GOMEZ 01-22-01			<b>BD600-06 (BD-24)</b>		<b>CONTRACT NO. 62C95</b>			
			REVISED - R. BORO 12-15-09			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

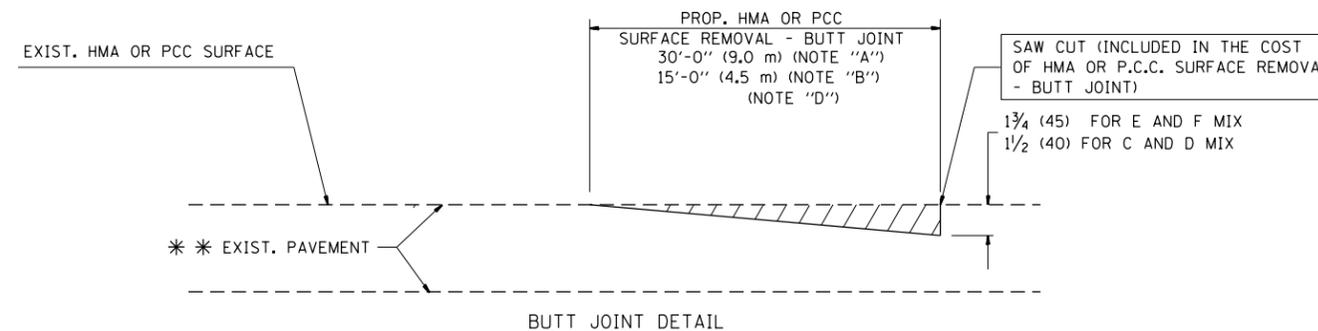


**OPTION 1**

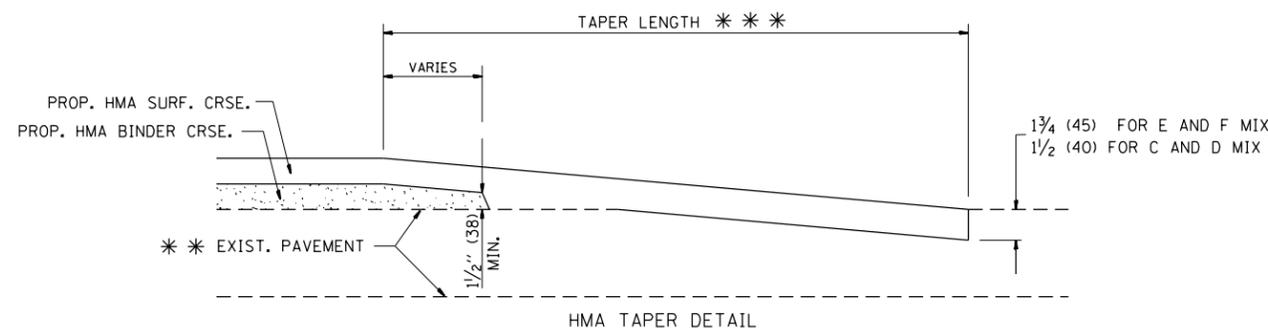


**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

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

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

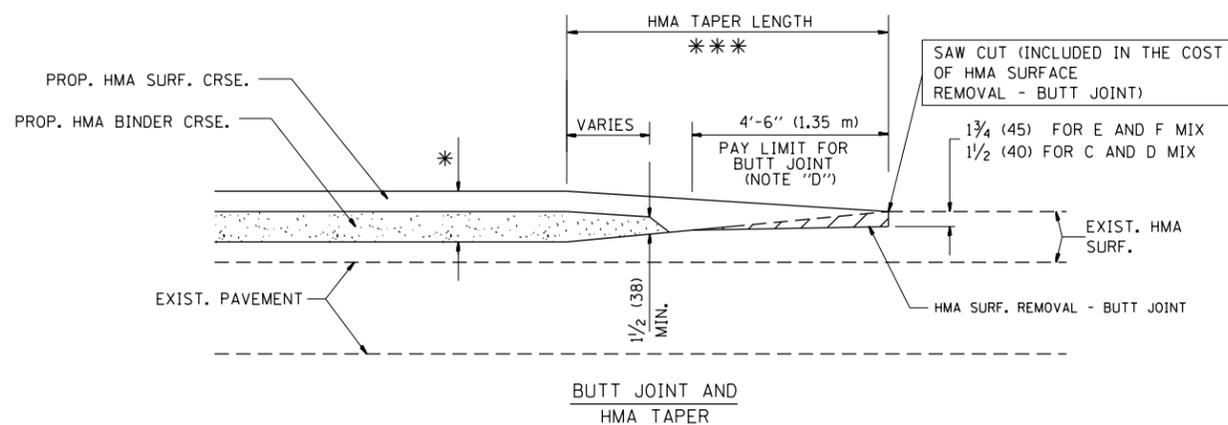
**NOTES**

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

**BASIS OF PAYMENT:**

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

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



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

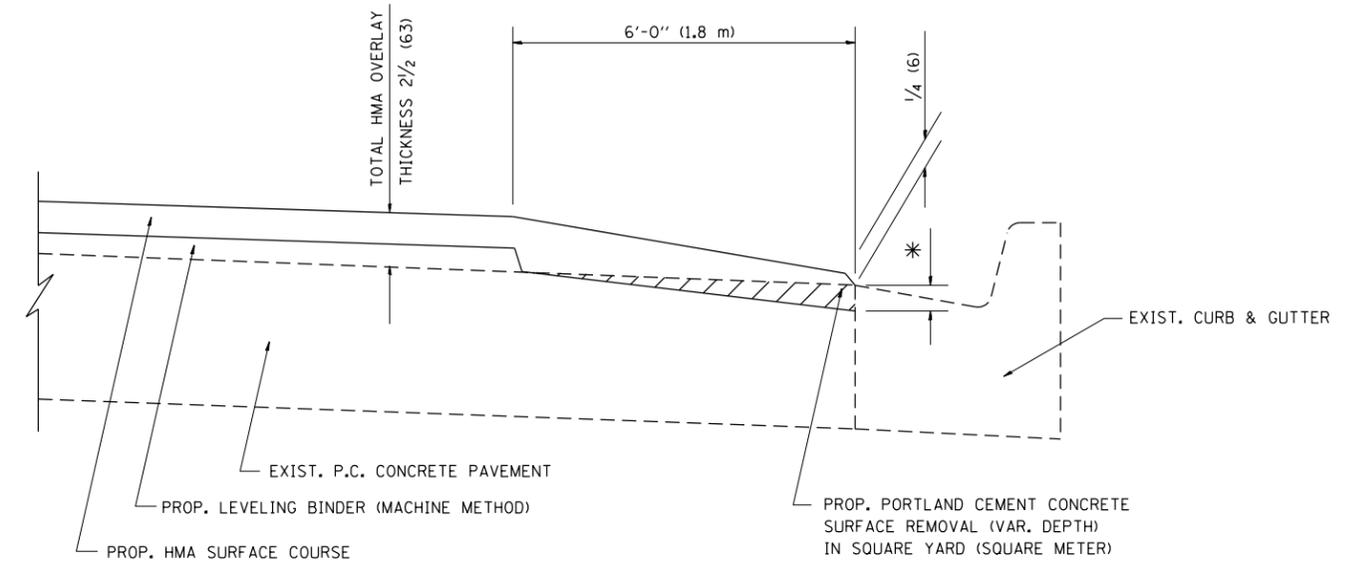
FILE NAME =	USER NAME = currywaw	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\0141\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0002' / in.	DATE - 06-13-90	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 12/14/2017		REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	63
BD400-05 BD32		CONTRACT NO. 62C95		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HMA TAPER AT  
EDGE OF P.C.C. PAVEMENT

HMA SURFACE	THICKNESS	LEVELING BINDER	THICKNESS	* MILLING AT GUTTER FLAG
C OR D	1 1/2 (38)	1 (25)	1 1/4 (33)	
E	1 3/4 (44)	3/4 (19)	1 1/2 (38)	

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

FILE NAME =	USER NAME = curryaw	DESIGNED - R. SHAH	REVISED - A. ABBAS 05-05-9
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\0141\Drawings\Design\DIS\std.dgn		CHECKED - A. ABBAS	REVISED - E. GOMEZ 12-21-00
Default	PLOT SCALE = 100.0002' / 1in.	DATE - 09-10-94	REVISED - R. BORO 01-01-07
	PLOT DATE = 12/14/2017		REVISED - JP CHANG 07-08-16

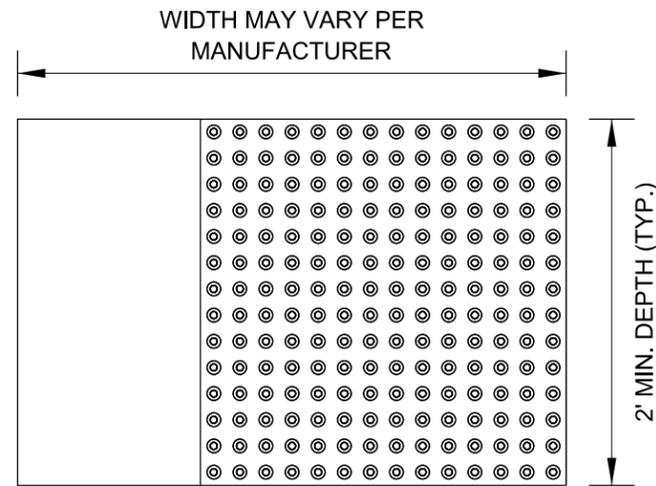
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HMA TAPER AT  
EDGE OF P.C.C. PAVEMENT

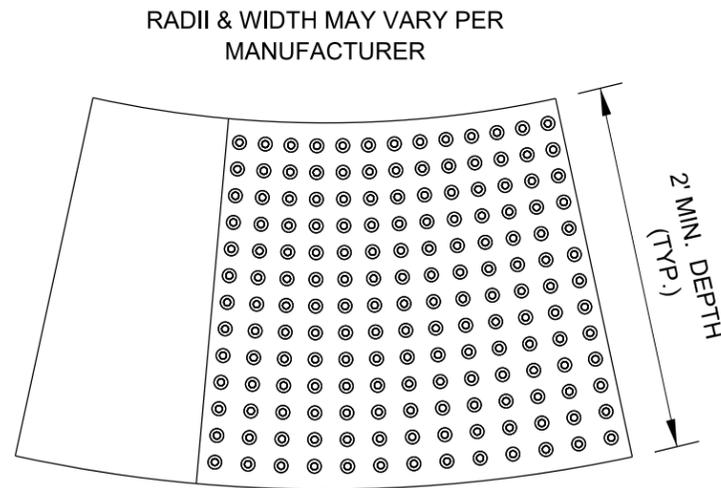
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	64
BD400-06 (BD33)		CONTRACT NO. 62C95		
ILLINOIS FED. AID PROJECT				

## STRAIGHT DETECTABLE WARNING UNITS



## RADIAL DETECTABLE WARNING UNITS

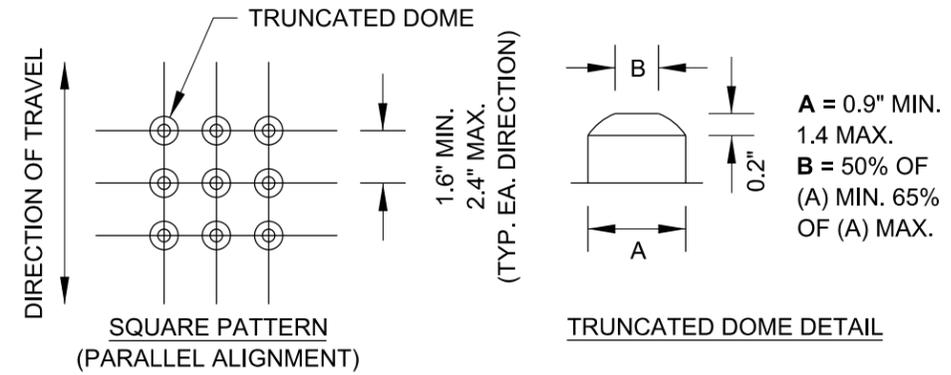


## DETECTABLE WARNING UNIT SIZES

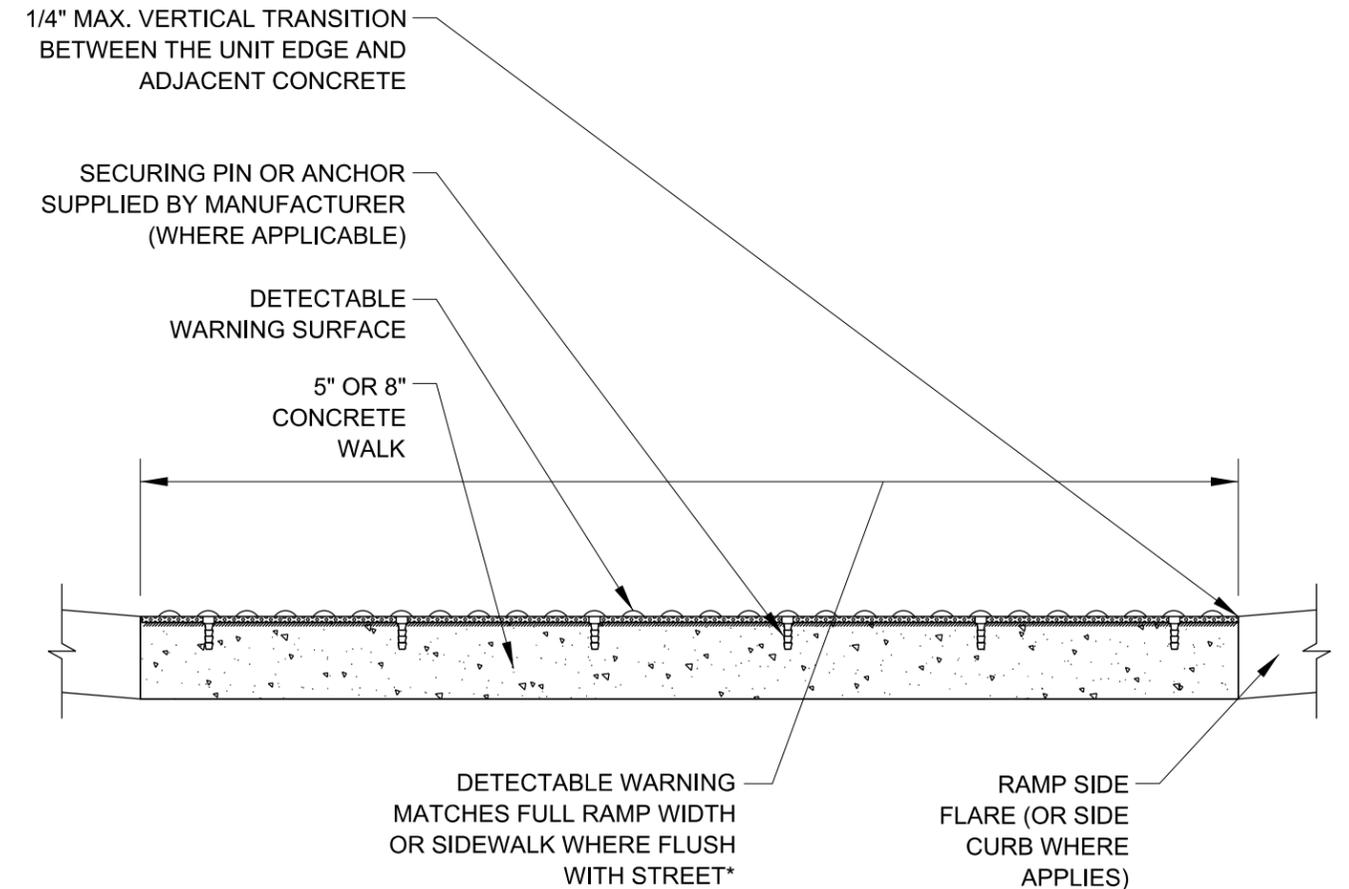
- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.

### GENERAL NOTE:

THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.



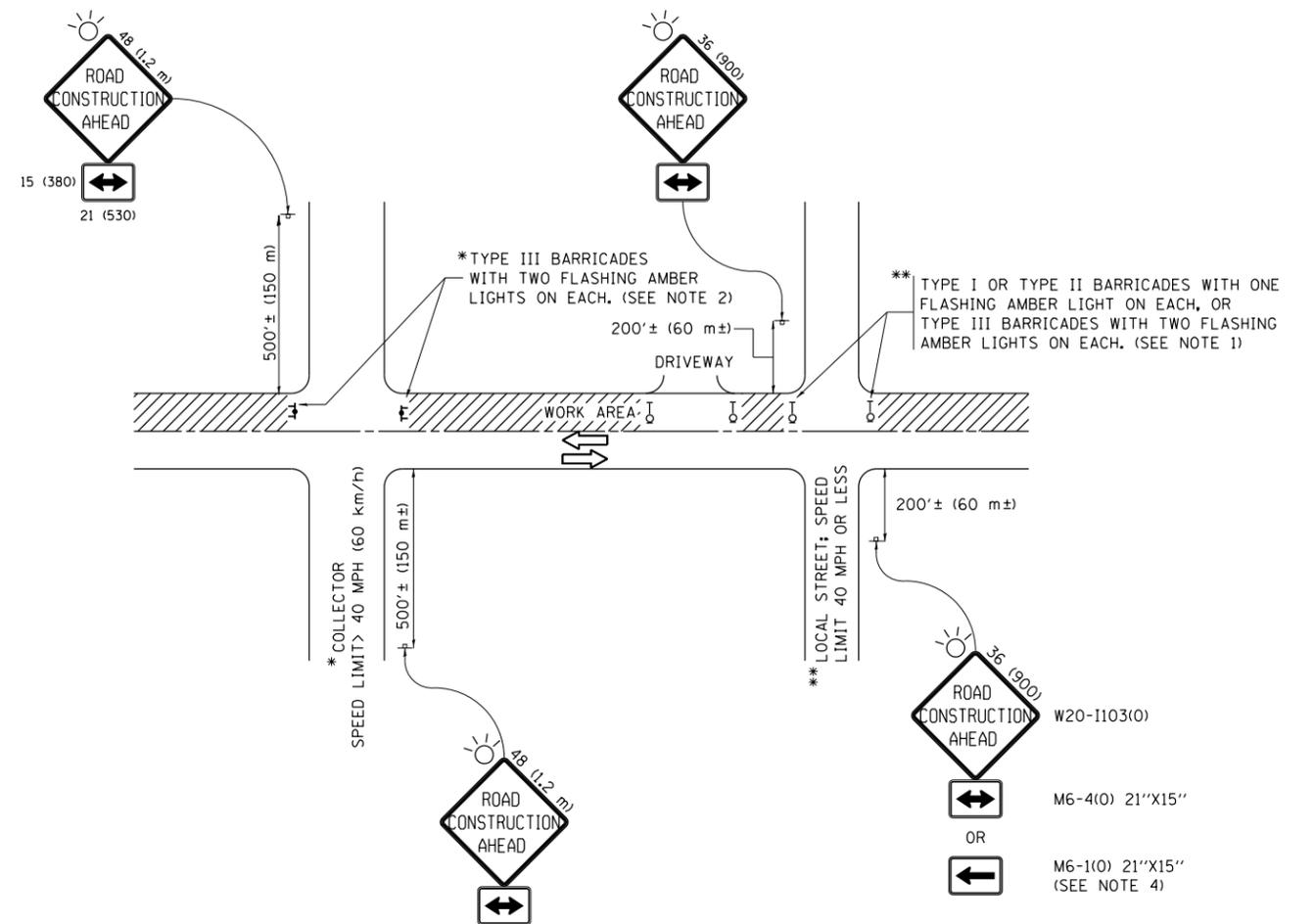
## UNIT PATTERN & DOME DETAIL



\*A BORDER OF 2 INCHES OR LESS AROUND THE DETECTABLE WARNING SURFACE IS ACCEPTABLE IF REQUIRED FOR PROPER INSTALLATION OF THE DETECTABLE WARNING SURFACE PRODUCT

## DETECTABLE WARNING UNIT SECTION

FILE NAME =	USER NAME = curryw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CITY OF CHICAGO DETECTABLE WARNINGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\1418\Drawings\Design\Diststd.dgn		CHECKED -	REVISED -			350	50 & 57RS-1	COOK	80	65	
Default	PLOT SCALE = 100.0002' / in.	DATE - 06-20-2017	REVISED -			<b>BD 58</b>		CONTRACT NO. 62C95		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 12/14/2017					SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.		



**NOTES:**

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 MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. 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).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

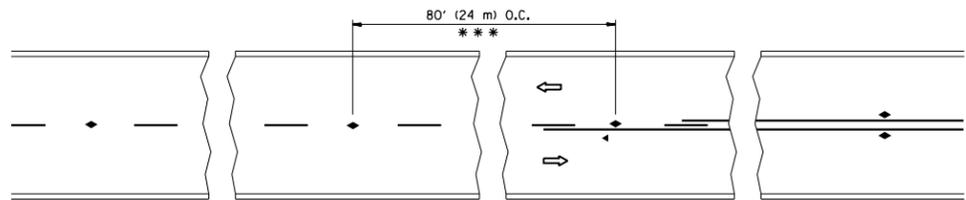
FILE NAME =	USER NAME = curryaw	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
p:\11084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\0141\Drawings\Design\Diststd.dgn			REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 12/14/2017	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

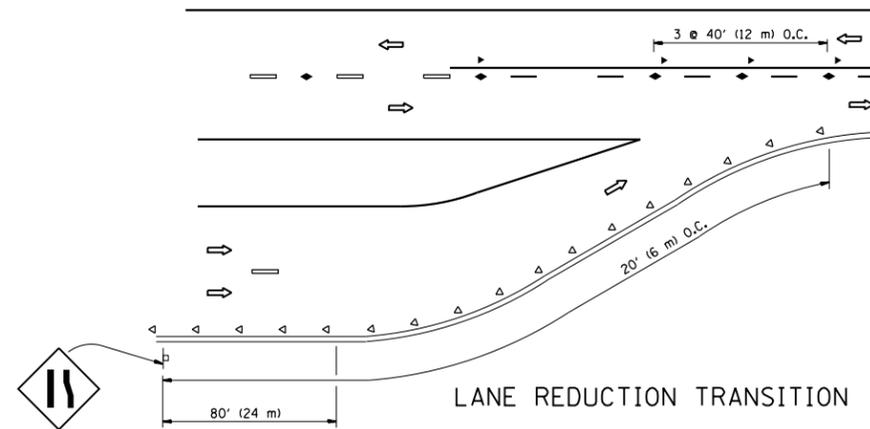
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	66
<b>TC-10</b>			<b>CONTRACT NO. 62C95</b>	
ILLINOIS FED. AID PROJECT				

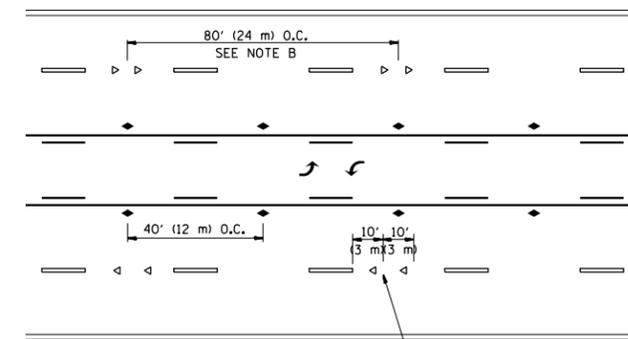


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

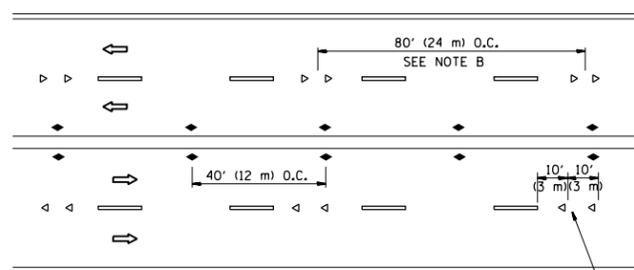
TWO-LANE/TWO-WAY



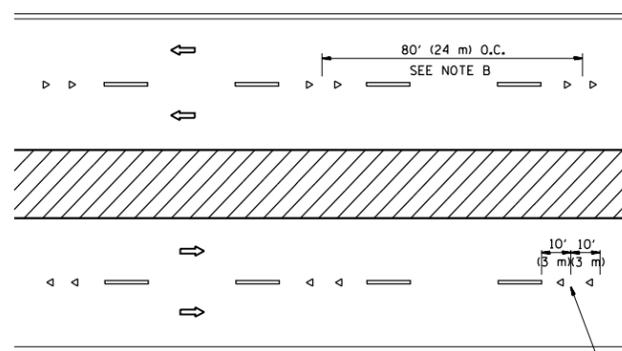
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

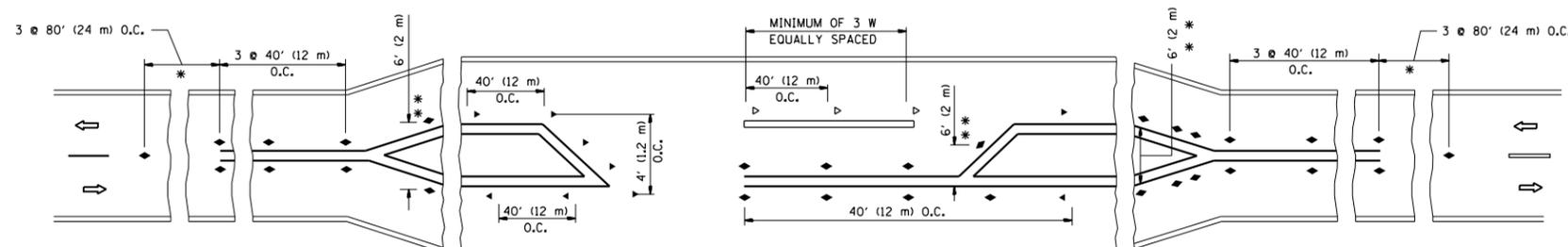
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

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



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

LEFT TURN

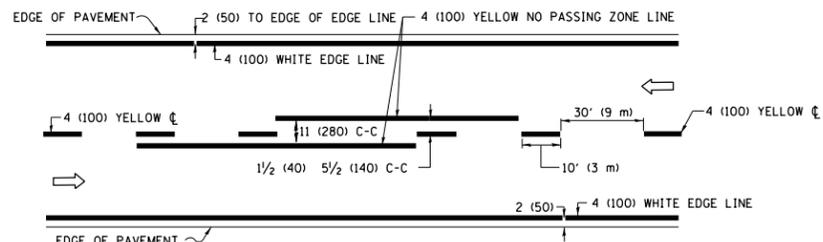
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = currywaw	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI41\BIDRAW\Notes\Design\Diststd.dgn		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 12/14/2017	DATE -	REVISED - C. JUCIUS 09-09-09

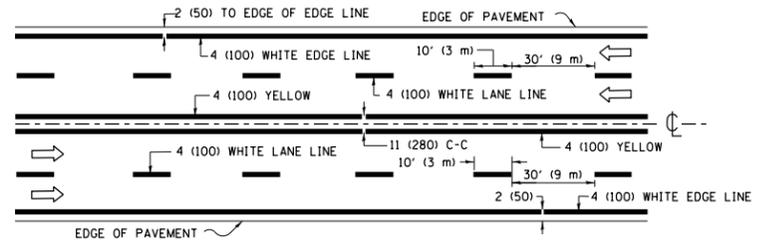
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

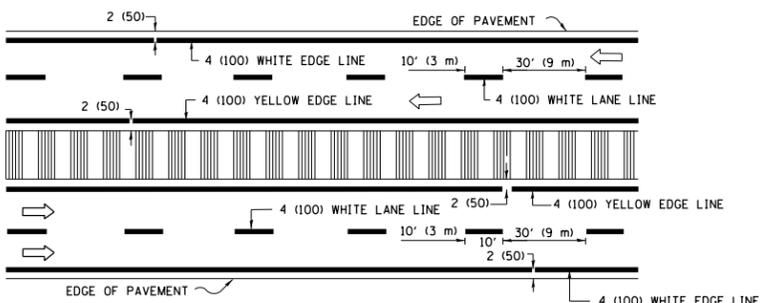
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	67
TC-11		CONTRACT NO. 62C95		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

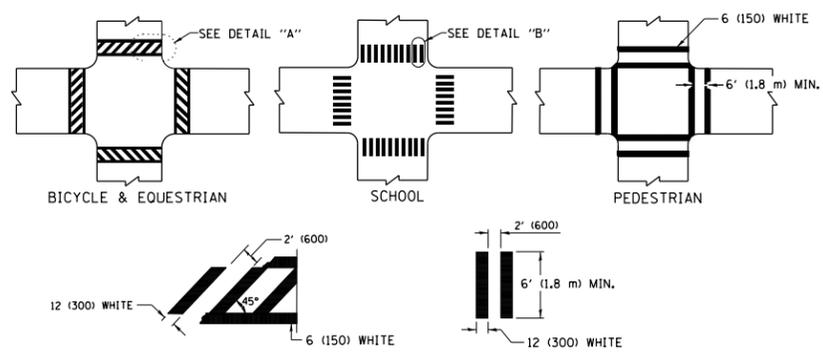


**MULTI-LANE UNDIVIDED**



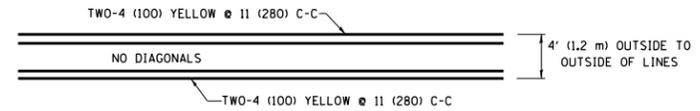
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

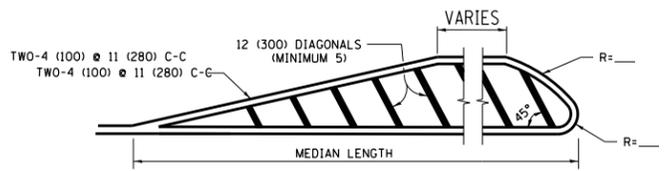


**TYPICAL CROSSWALK MARKING**

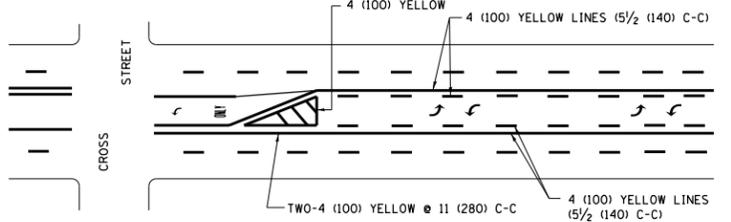
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



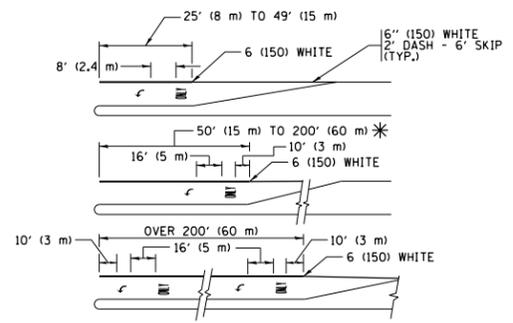
**4' (1.2 m) WIDE MEDIANS ONLY**



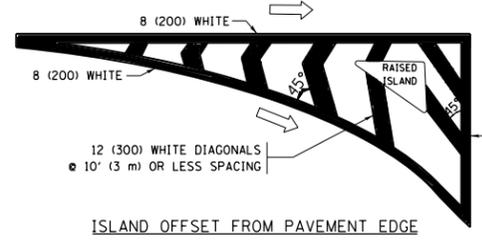
**MEDIANS OVER 4' (1.2 m) WIDE**



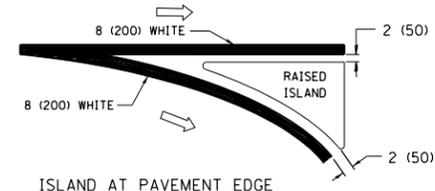
**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**



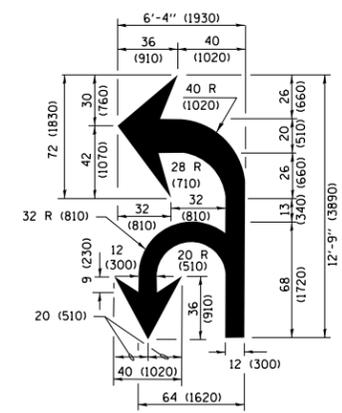
**TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING**



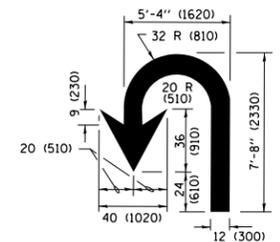
**ISLAND OFFSET FROM PAVEMENT EDGE**



**ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (22.5 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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 = currywaw	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
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Default	PLOT SCALE = 100.0002' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 12/14/2017		REVISED - C. JUCIUS 04-12-16

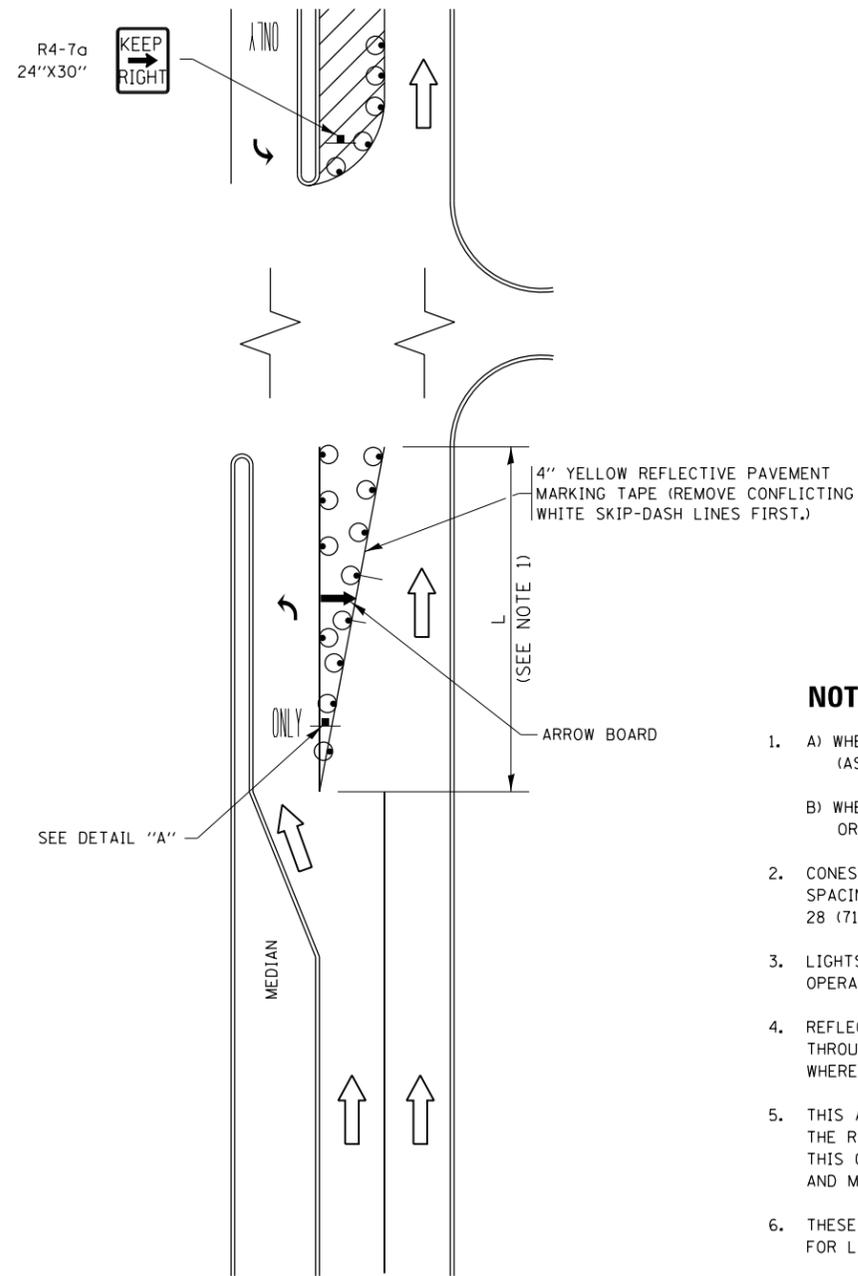
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

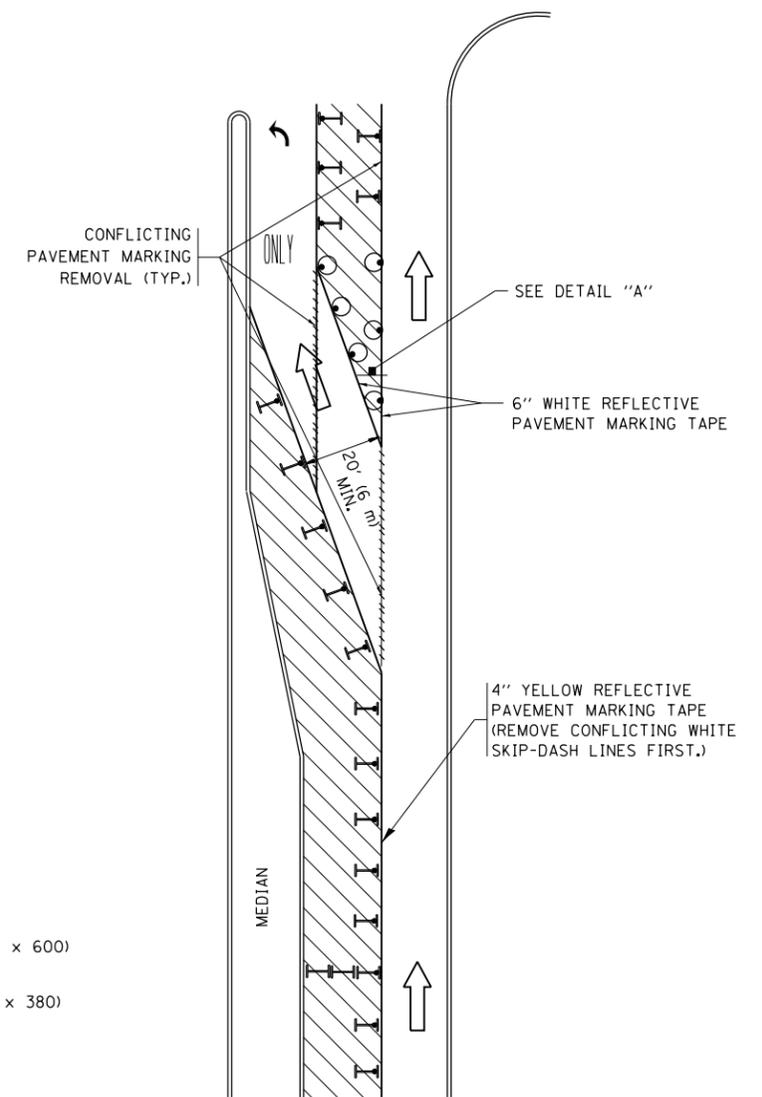
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	68
TC-13		CONTRACT NO.	62C95	
ILLINOIS FED. AID PROJECT				

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

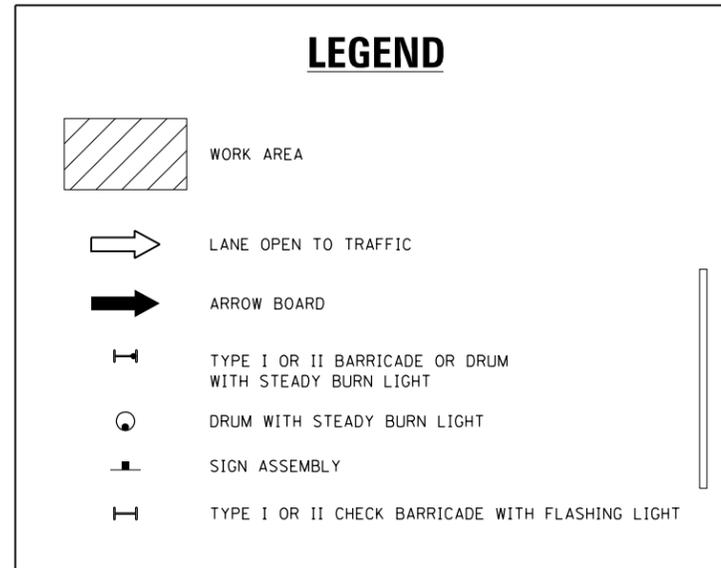


**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE

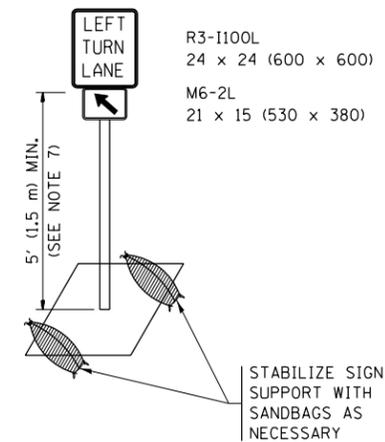


**FIGURE 2**



### NOTES:

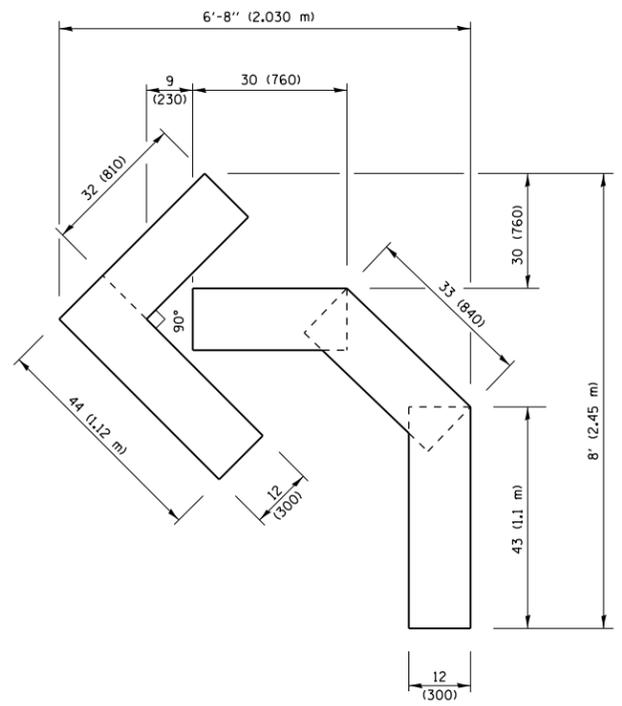
1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



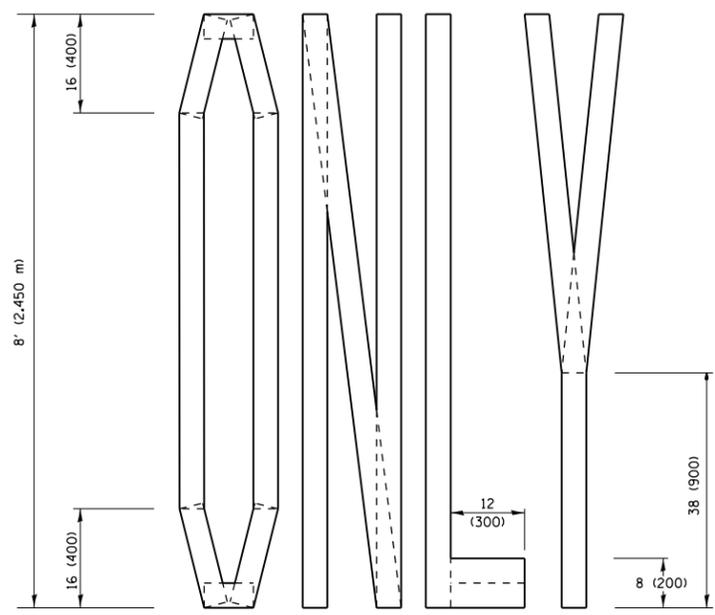
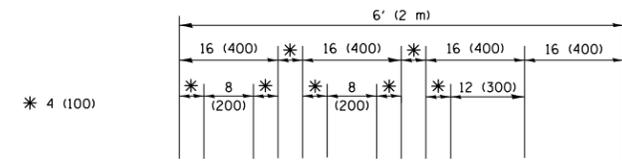
**DETAIL A**

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

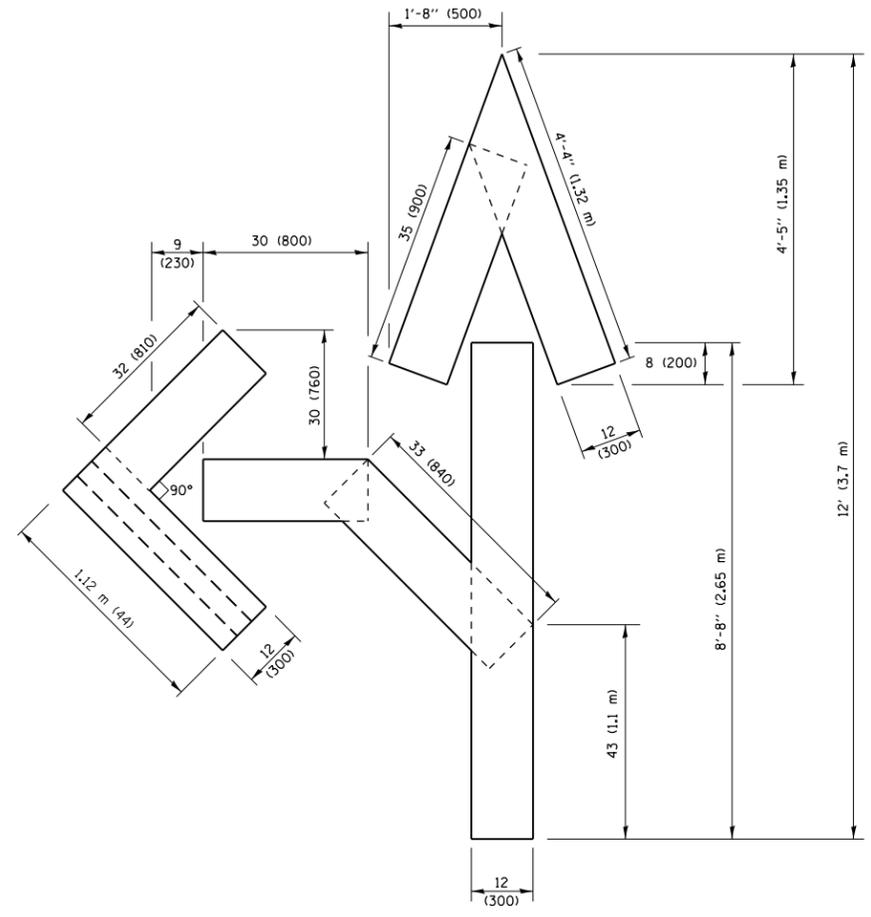
FILE NAME =	USER NAME = curryw	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)</b>	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\0141\REVISED Design\A\HOUSEH 11-07-95	REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	REVISED - A. SCHUETZE 07-01-13			350	50 & 57RS-1	COOK	80	69
Default	PLOT SCALE = 100.0002' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			<b>TC-14</b>		<b>CONTRACT NO. 62C95</b>		
	PLOT DATE = 12/14/2017	REVISED - T. RAMMACHER 01-06-00	REVISED -			ILLINOIS	FED. AID PROJECT			



**QUANTITY**  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.41 sq. m)

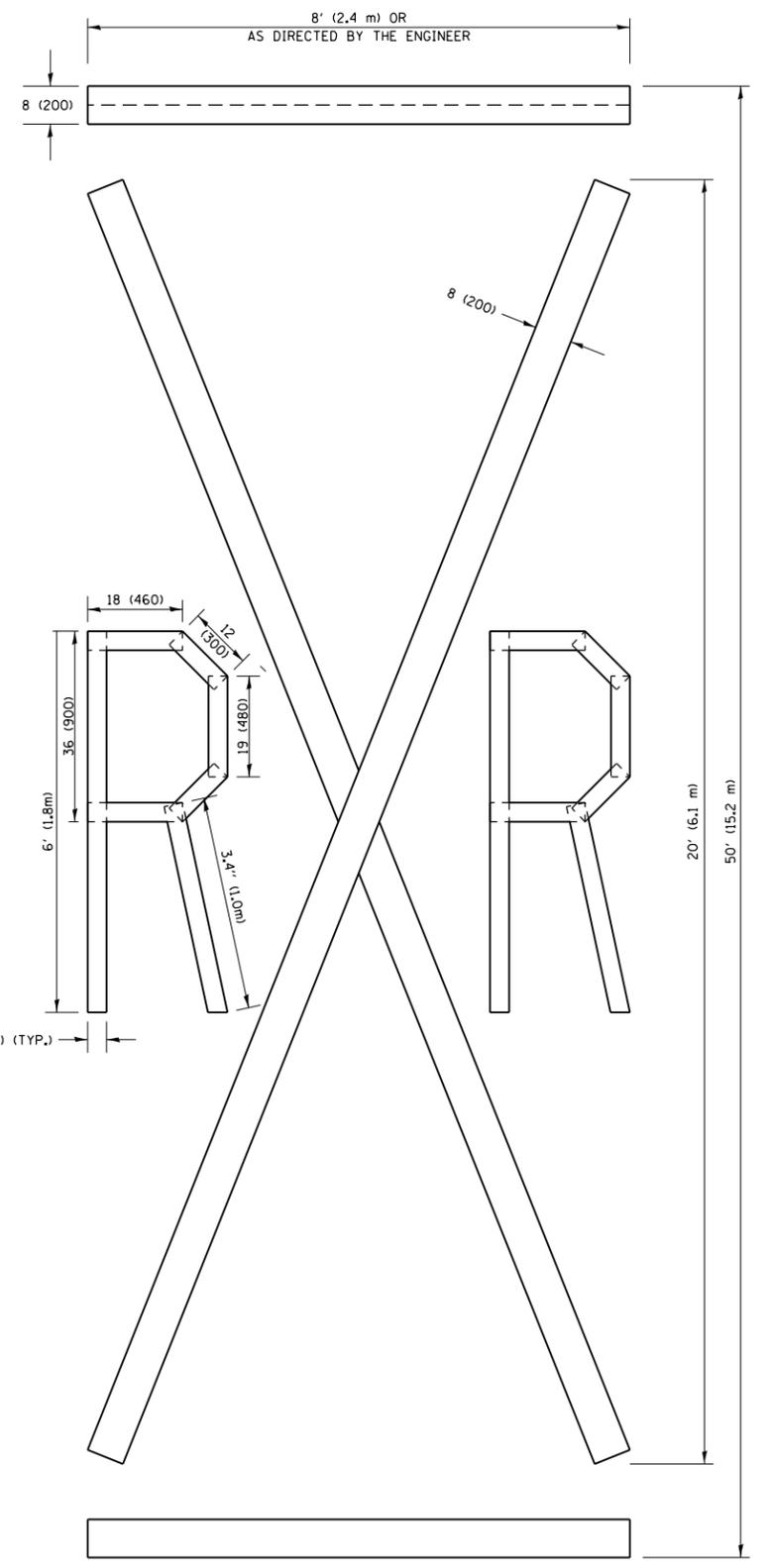


**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)



**QUANTITY**  
 4 (100) LINE = 82.5 ft. (25.1 m)  
 27.5 sq. ft. (2.53 sq. m)

**NOTE:**  
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



**QUANTITY**  
 4 (100) LINE = 225.9 ft. (68.9 m)  
 75.3 sq. ft. (6.99 sq. m)

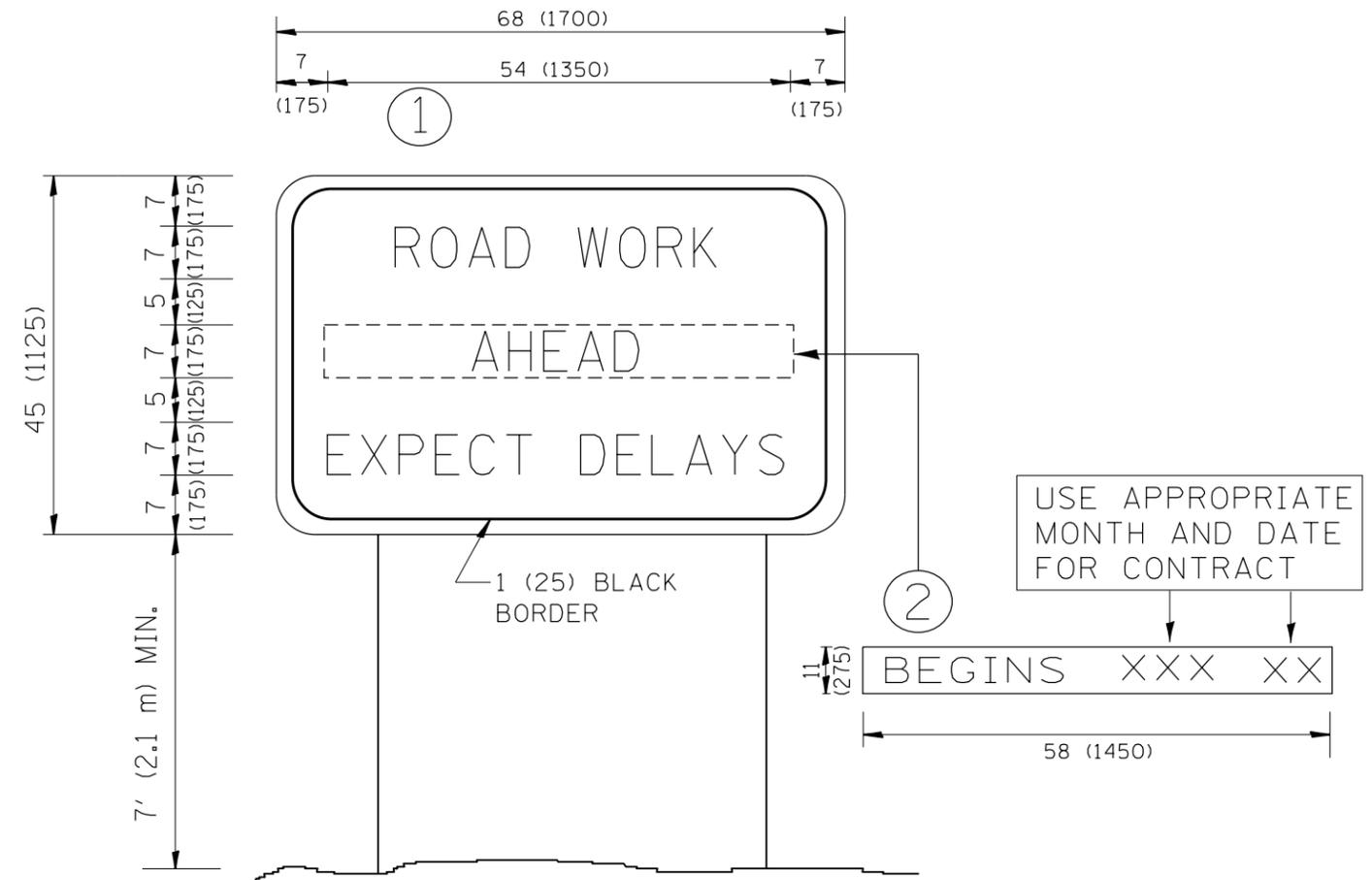
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = currywaw	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\0141\BIRAW\Design\Diststd.dgn		DRAWN -	REVISED - E. GOMEZ 08-28-00
		CHECKED -	REVISED - E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	70
TC-16		CONTRACT NO. 62C95		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

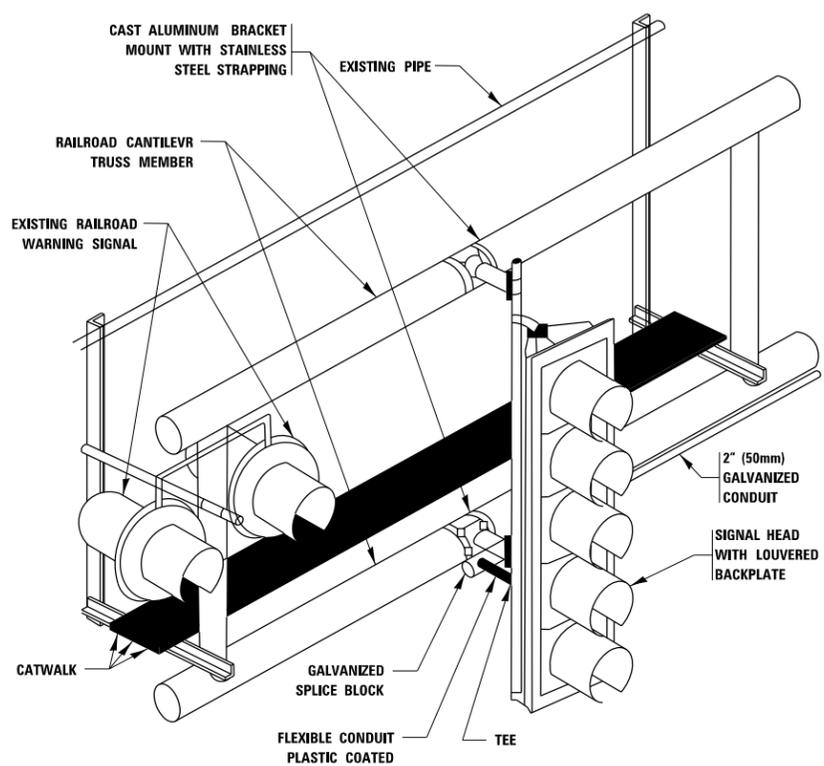


**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME =	USER NAME = curryw	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI41\Drawings\Design\Diststd.dgn			REVISED - R. MIRS 12-11-97			350	50 & 57RS-1	COOK	80	71
PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99				<b>TC-22</b>		<b>CONTRACT NO. 62C95</b>		
PLOT DATE = 12/14/2017	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



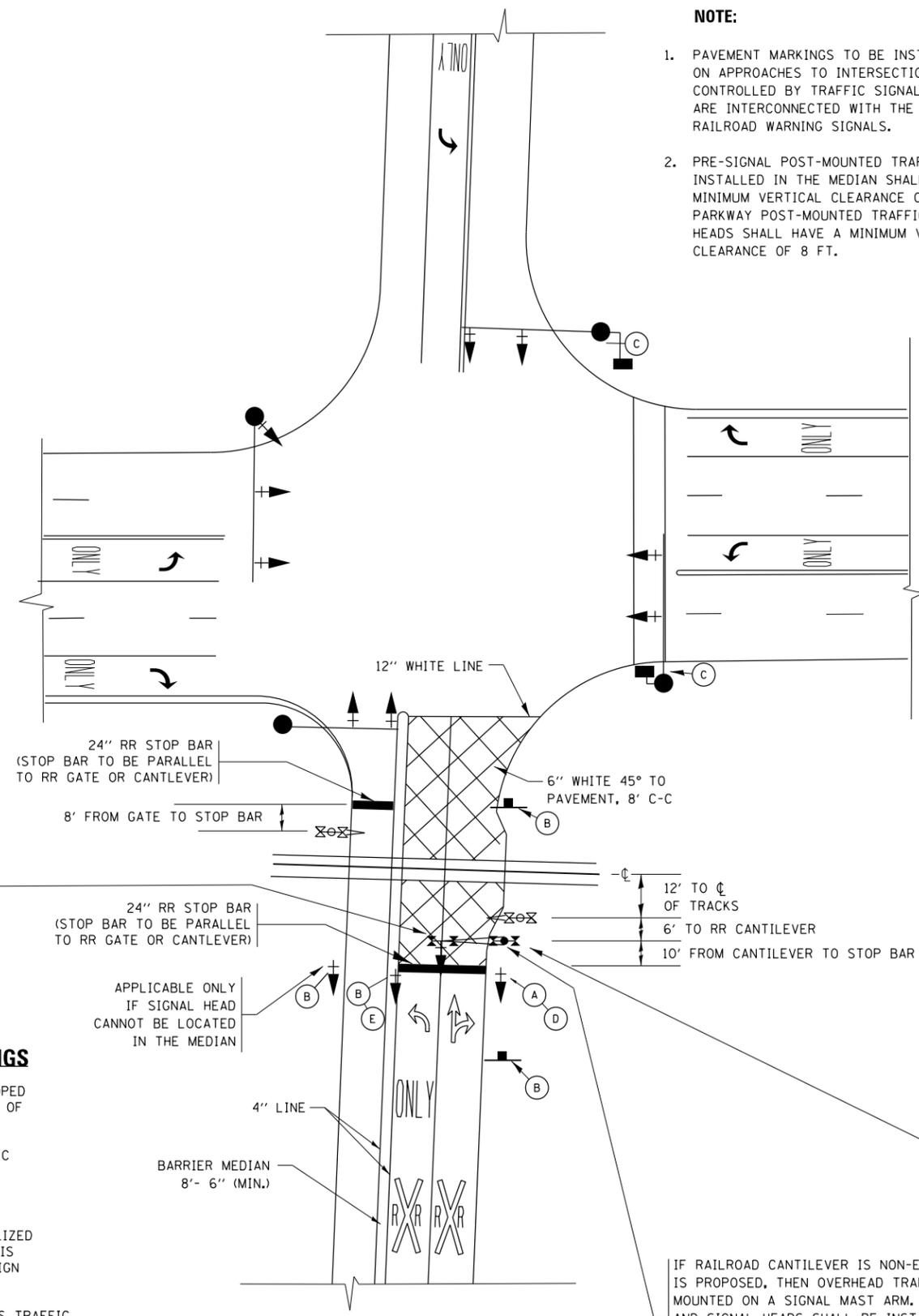
**RAILROAD CANTILEVER SIGNAL HEAD MOUNTING**  
 USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION  
 N.T.S.

**SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS**

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

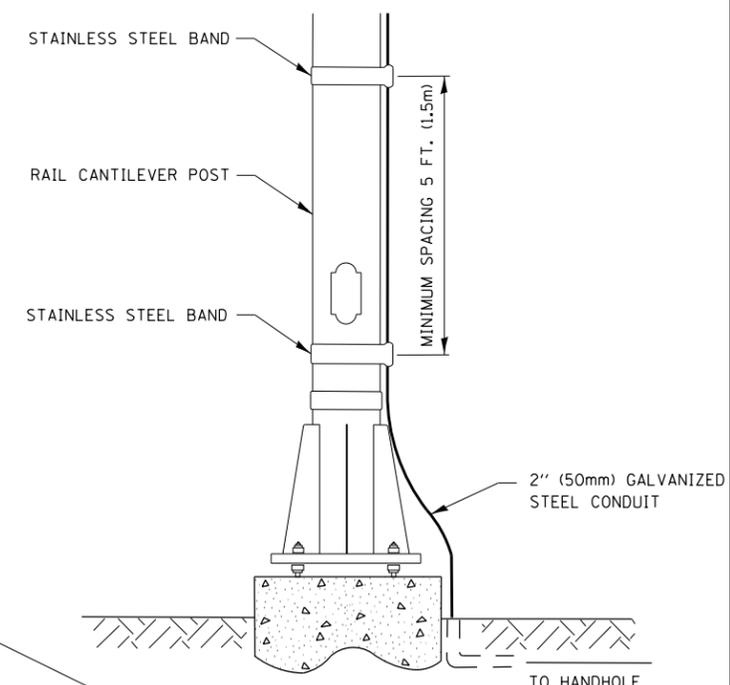
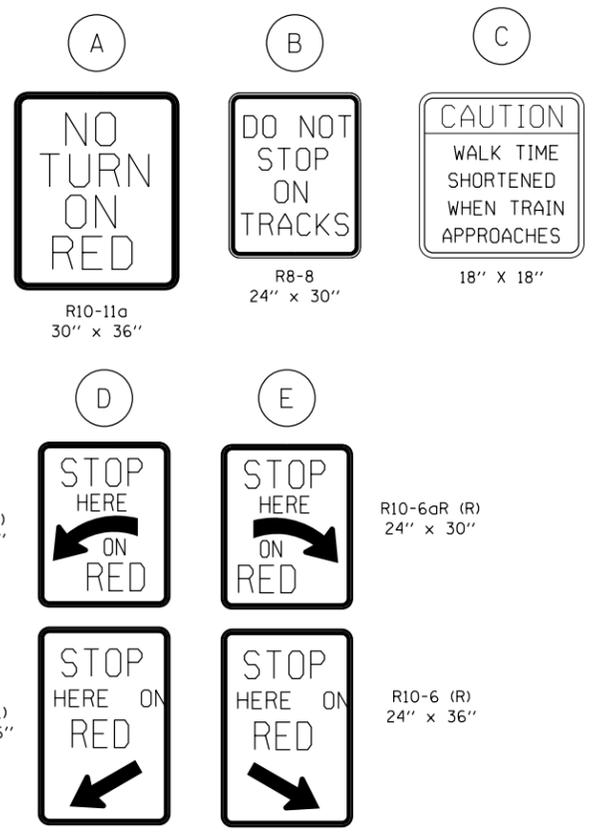
THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



**SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL**

- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
  - PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



**SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL**

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

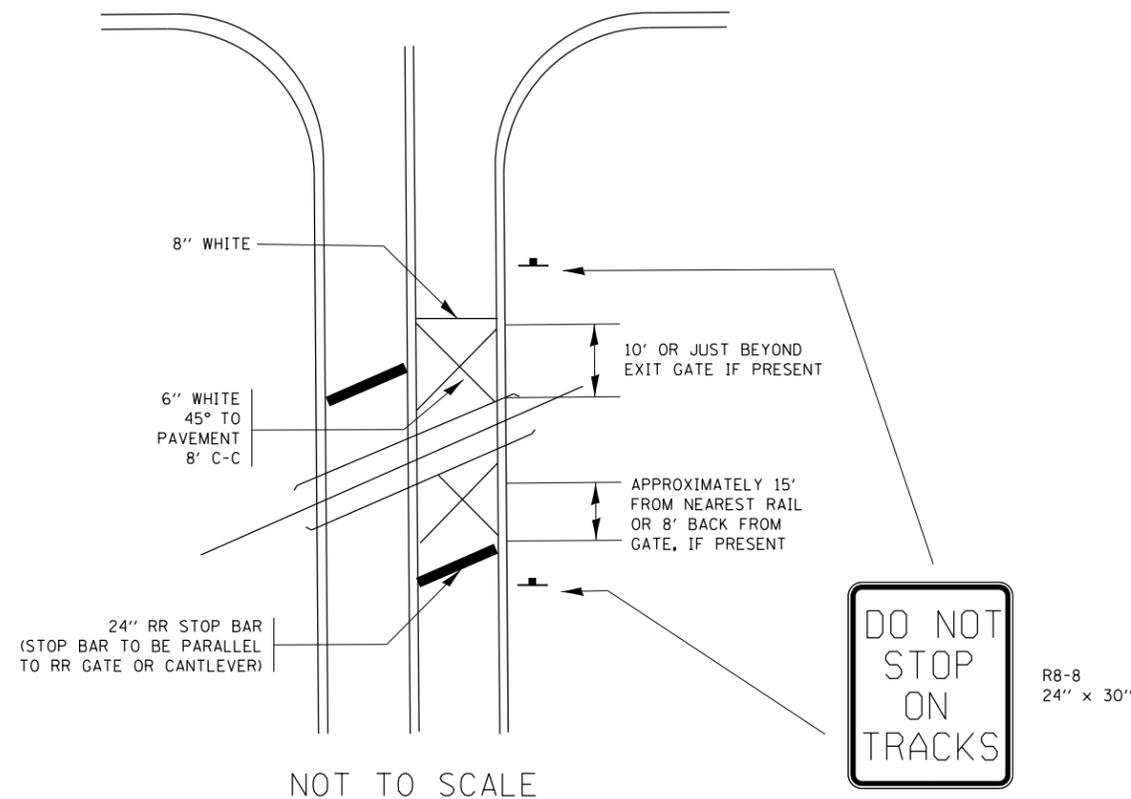
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

IF RAILROAD CANTILEVER IS NON-EXISTANT AND NONE IS PROPOSED, THEN OVERHEAD TRAFFIC SIGNAL TO BE MOUNTED ON A SIGNAL MAST ARM. SIGNAL MAST ARM AND SIGNAL HEADS SHALL BE INSTALLED AS CLOSE AS PRACTICABLE TO THE RAILROAD TRACKS WITHOUT OBSTRUCTING ANY RAILROAD WARNING DEVICES. SIGNAL MAST ARM SHALL BE AT LEAST 12 FT. FROM NEAREST RAIL.

FILE NAME =	USER NAME = currywaw	DESIGNED -	REVISED - 02-25-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\0141\BIDRAW\Bids\Design\Diststd.dgn	PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED - 04-26-12			350	50 & 57RS-1	COOK	80	72
Default	PLOT DATE = 12/14/2017	DATE -	REVISED - A.R. 07-11-16			<b>TC-23</b>		<b>CONTRACT NO. 62C95</b>		
			REVISED -			ILLINOIS	FED. AID PROJECT			

# TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

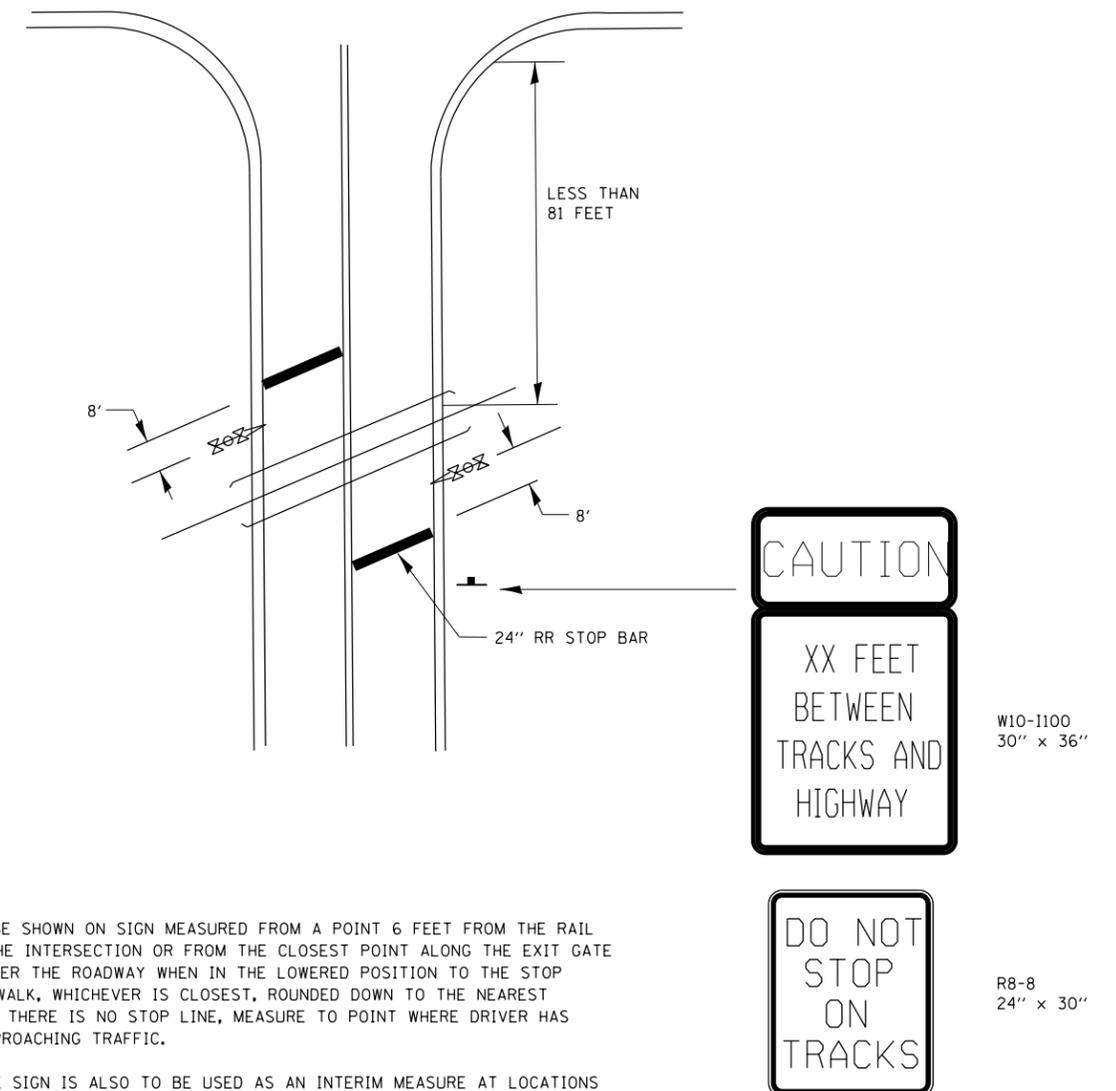
## WITH SIGNALIZED INTERSECTION



**NOTE:**

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

## WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL

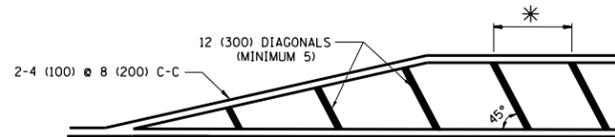
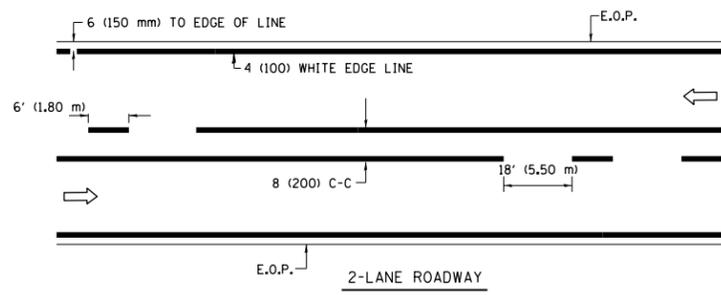


**NOTE:**

- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- 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 MARKING EXTEND TO THE INTERSECTION.

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

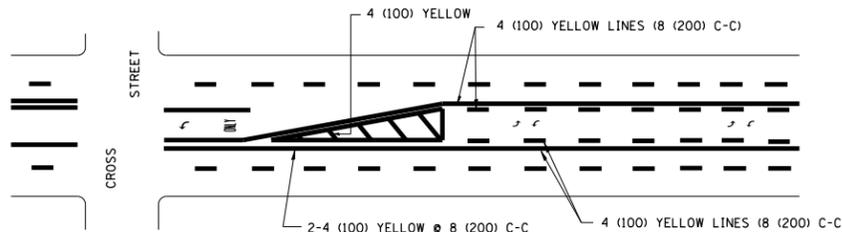
FILE NAME =	USER NAME = curryw	DESIGNED -	REVISED - 02-25-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\0141\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - 04-26-12			350	50 & 57RS-1	COOK	80	73
Default		DATE -	REVISED - A.R. 07-11-16			<b>TC-23</b>		<b>CONTRACT NO. 62C95</b>		
			REVISED -			SCALE: NONE	SHEET 2 OF 2 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	



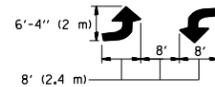
\* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

\* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

**PAINTED MEDIANS**

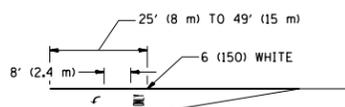
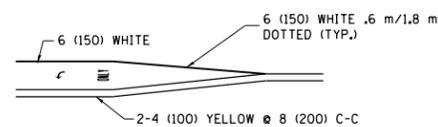


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

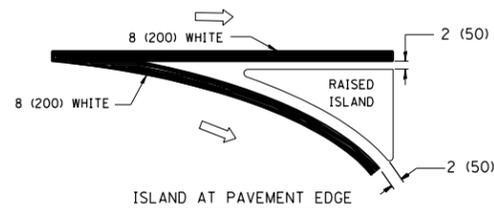
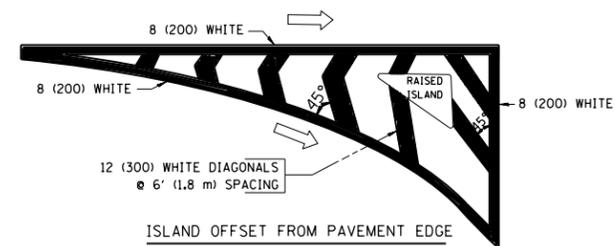


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.8 SQ. FT. (1.47 m<sup>2</sup>) ONLY AREA = 22.9 SQ. FT. (2.13 m<sup>2</sup>)

\* 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**

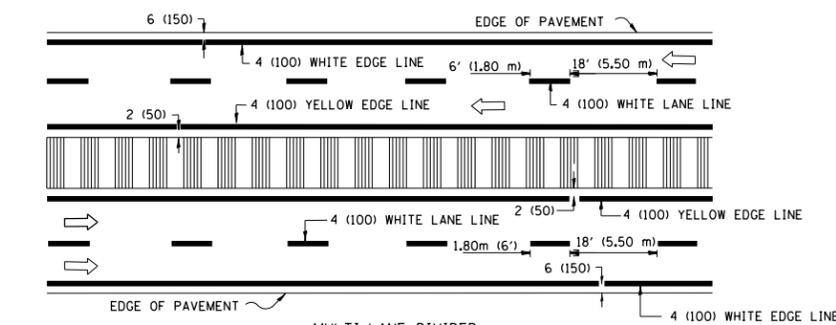
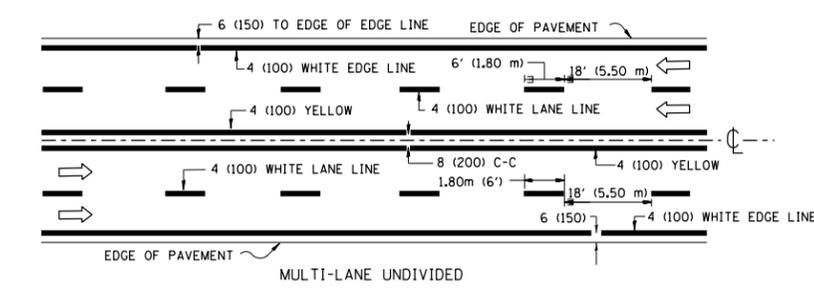


**TYPICAL ISLAND MARKING**

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 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) 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' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) @ 45° 24 (600) @ 90°	SOLID SOLID	WHITE WHITE	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°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	8 (200) 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: 20' (6.1 m) (LESS THAN 30 MPH (50 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. (0.33m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )

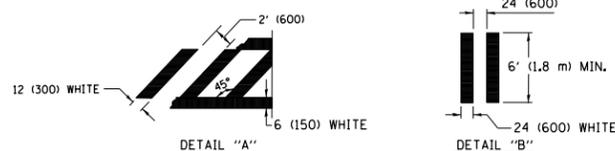
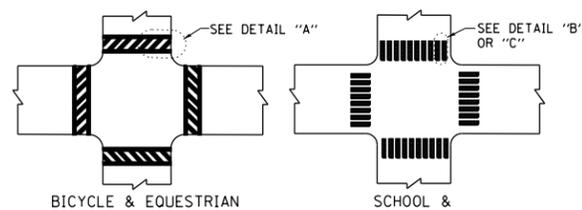
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

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



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

**TYPICAL LANE AND EDGE LINE MARKING**



**TYPICAL CROSSWALK MARKING**

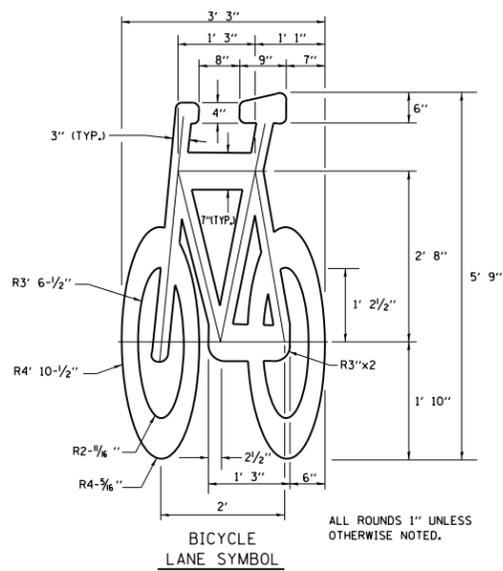
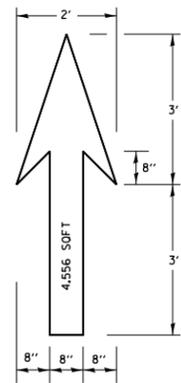
FILE NAME =	USER NAME = currywaw	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
pw\1\084EBIDINTEG\illinois.gov\PIWDDT\Documents\DOT Offices\District 1\Projects\0141\BID\Bids\Design\Diststd.dgn		CHECKED -	REVISED - K. ENG 02-28-12
	PLOT SCALE = 100.0002' / in.	DATE -	REVISED -
	PLOT DATE = 12/14/2017		REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO  
TYPICAL PAVEMENT MARKINGS

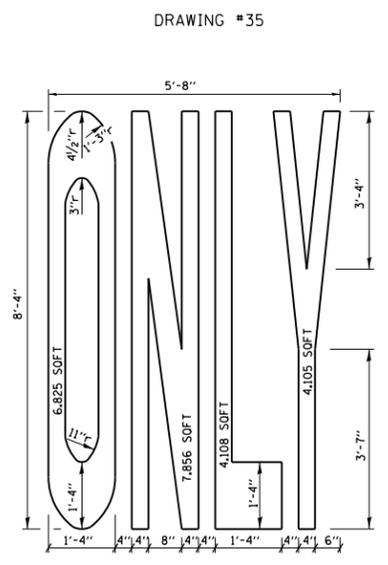
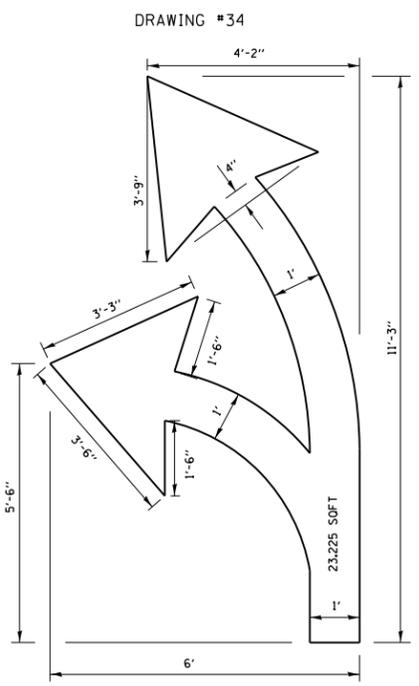
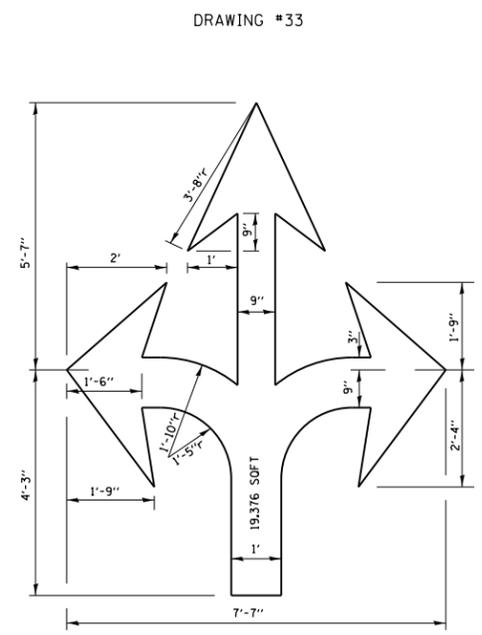
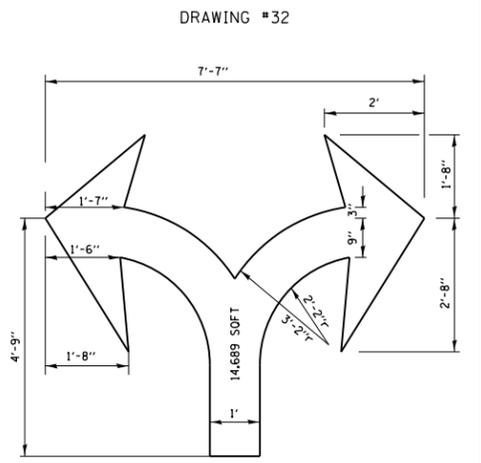
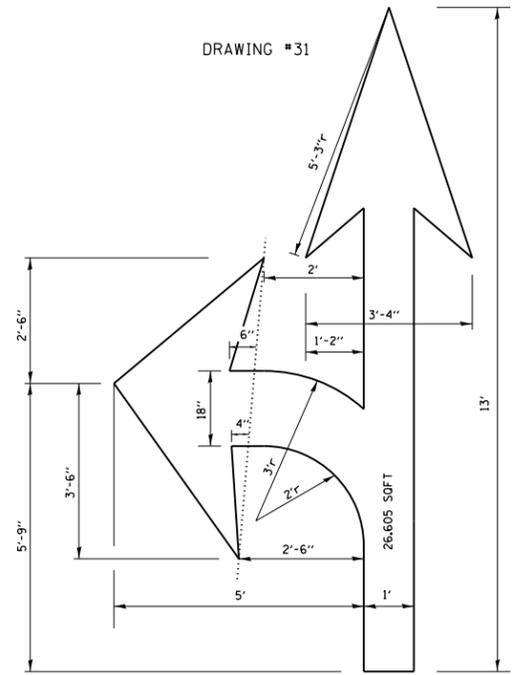
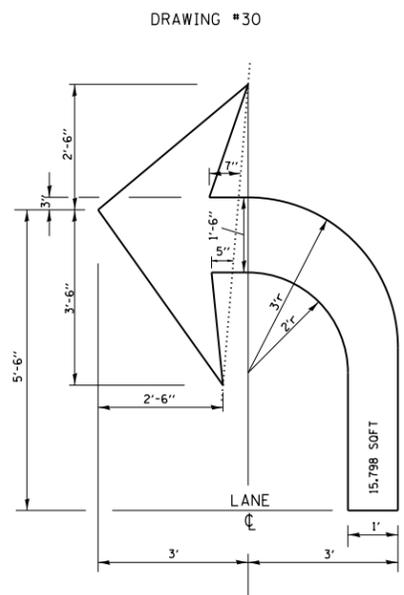
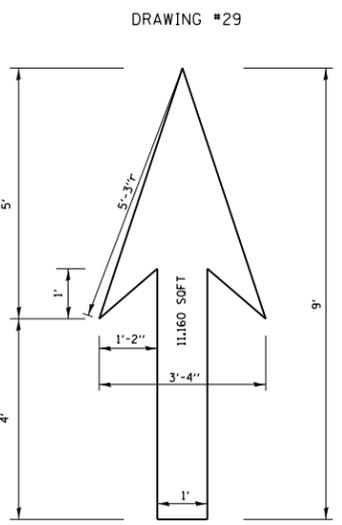
SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	74
TC-24		CONTRACT NO.	62C95	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTE:**  
 1.) FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.  
 2.) THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

**TYPICAL BIKE LANE SYMBOLS**  
 DRAWING #28



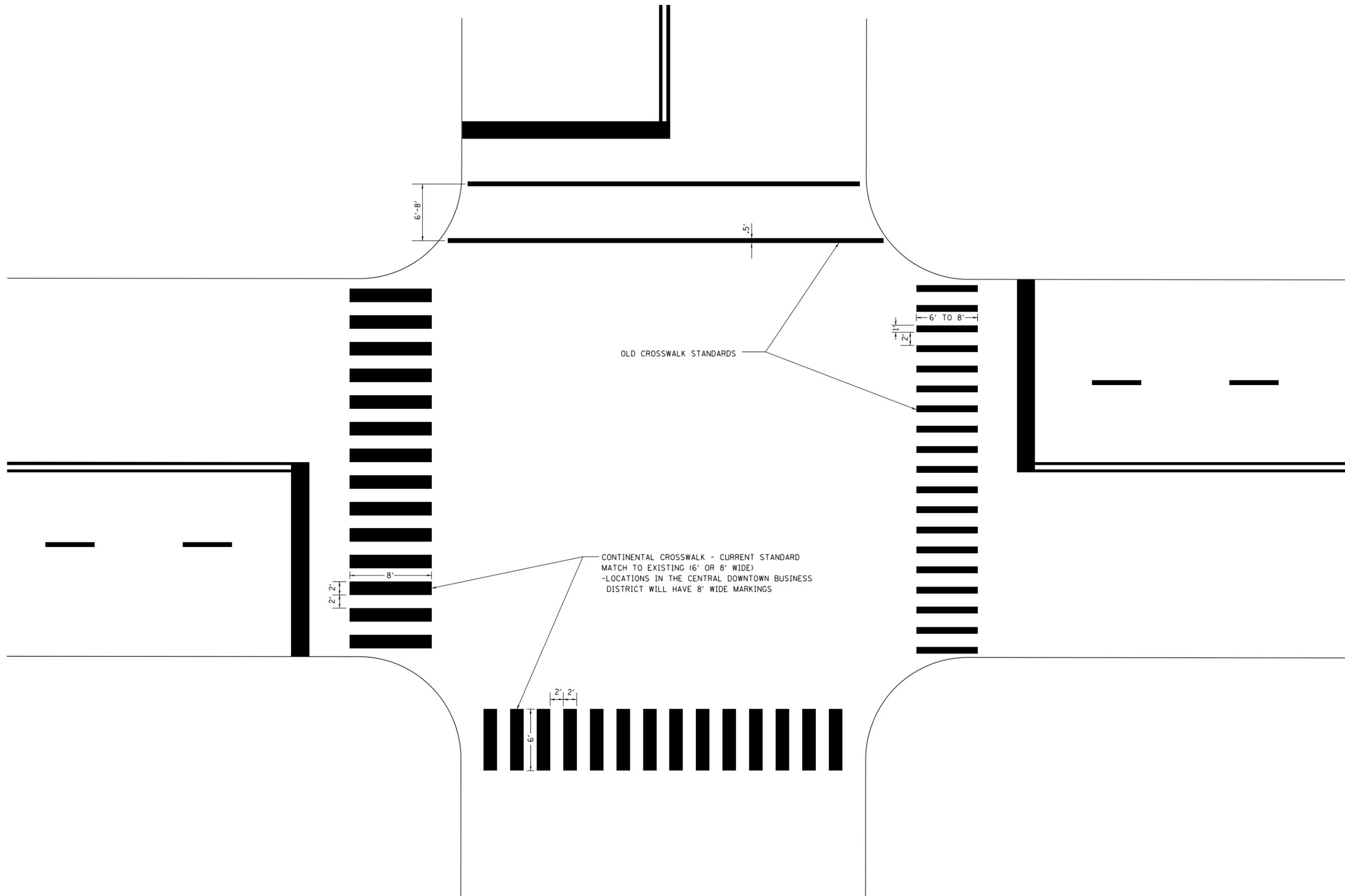
**NOTE:**  
 ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

FILE NAME =	USER NAME = currywaw	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
pw\1\084EBID\INTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\0141\BID\Bids\Design\Diststd.dgn		CHECKED -	REVISED - K. ENG 01-12-12
		DATE -	REVISED -
			REVISED -

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

<b>CITY OF CHICAGO</b>			
<b>TYPICAL PAVEMENT MARKINGS</b>			
SCALE: NONE	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	75
<b>TC-24</b>		<b>CONTRACT NO. 62C95</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



OLD CROSSWALK STANDARDS

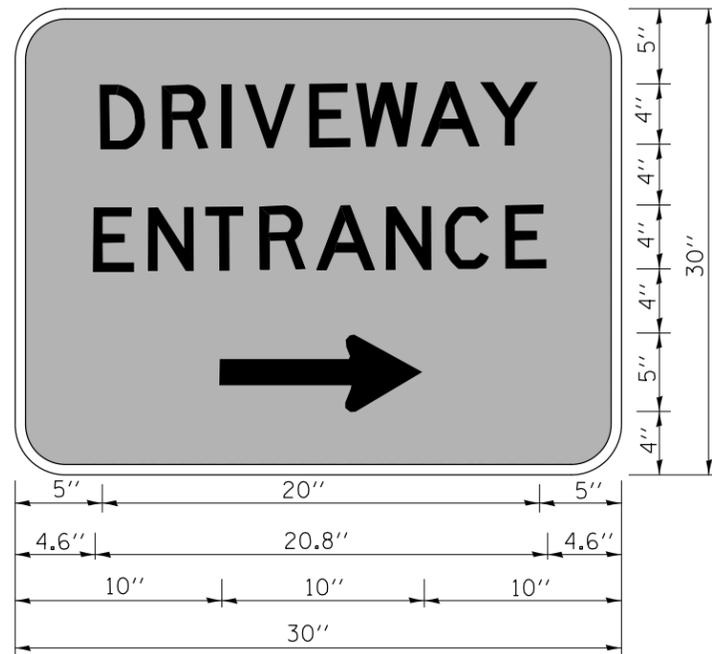
CONTINENTAL CROSSWALK - CURRENT STANDARD  
 MATCH TO EXISTING (6' OR 8' WIDE)  
 -LOCATIONS IN THE CENTRAL DOWNTOWN BUSINESS  
 DISTRICT WILL HAVE 8' WIDE MARKINGS

FILE NAME =	USER NAME = curryw	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
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	PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CITY OF CHICAGO</b>			
<b>TYPICAL PAVEMENT MARKINGS</b>			
SCALE: NONE	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	76
<b>TC-24</b>		<b>CONTRACT NO. 62C95</b>		
FED. ROAD 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" x 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 = curryw	DESIGNED -	REVISED - C. JUCIUS 02-15-07
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI41\BROWNS\Design\Diststd.dgn		CHECKED -	REVISED -
	PLOT SCALE = 100.0002' / 1in.	DATE -	REVISED -
	PLOT DATE = 12/14/2017		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	77
<b>TC-26</b>		<b>CONTRACT NO. 62C95</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

# TRAFFIC SIGNAL LEGEND

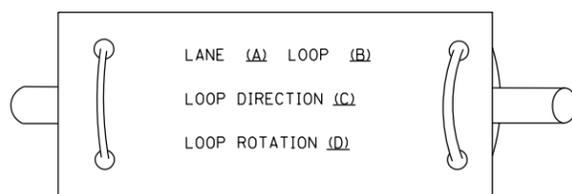
(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		 	SYSTEM ITEM	S	SP	FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM	I	IP	GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM		R			
SIGNAL HEAD			RELOCATE ITEM		RL			
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM		A			
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF			
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF			
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF			
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	 	 	DETECTOR LOOP, TYPE I	 	 			
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP	 	 			
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR	 	 			
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	 	 			
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR	 	 			
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

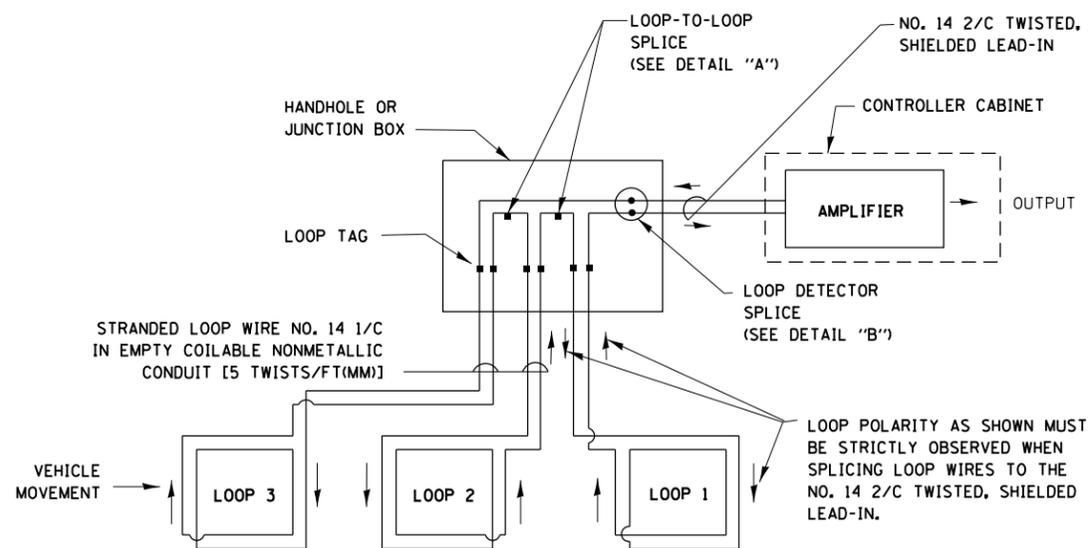
**LOOP DETECTOR NOTES**

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

**LOOP LEAD-IN CABLE TAG**

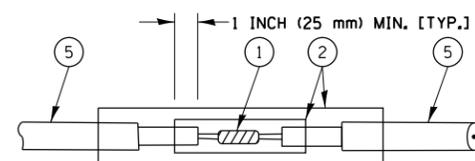


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

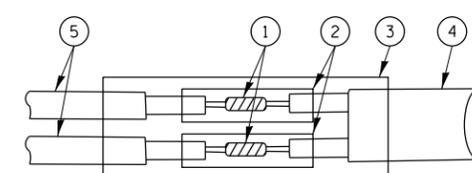


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

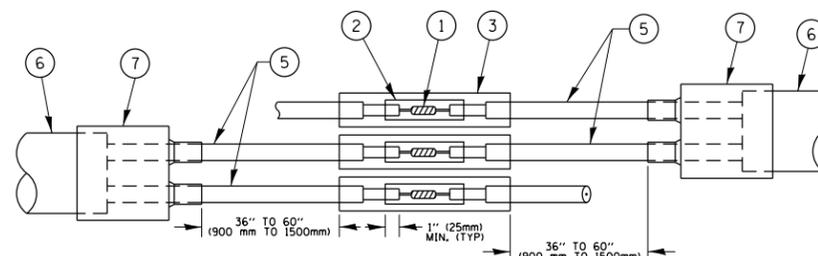


**DETAIL "A"  
LOOP-TO-LOOP SPLICE**

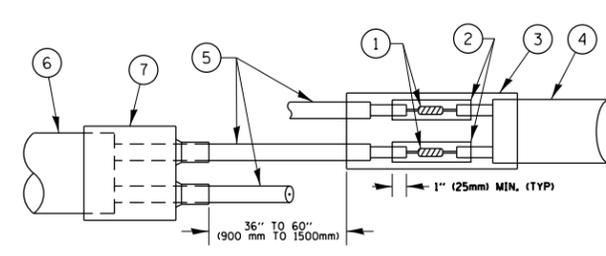


**DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE**

**TYPE I LOOP**



**DETAIL "A"  
LOOP-TO-LOOP SPLICE**



**DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE**

**LOOP DETECTOR SPLICE**

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH, THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = currywaw	DESIGNED -	REVISED -
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Default	PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

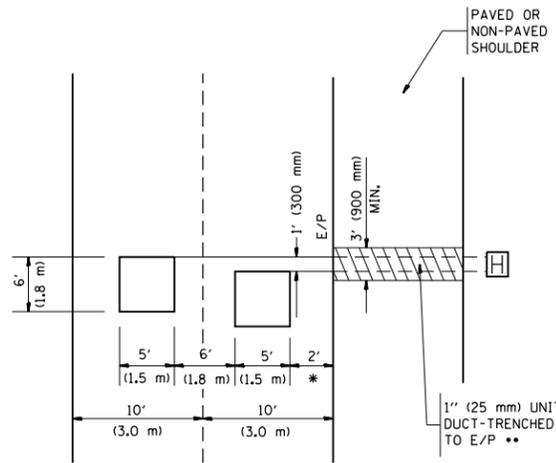
**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	50 & 57RS-1	COOK	80	79
<b>TS-05</b>		CONTRACT NO. 62C95		
ILLINOIS FED. AID PROJECT				

**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



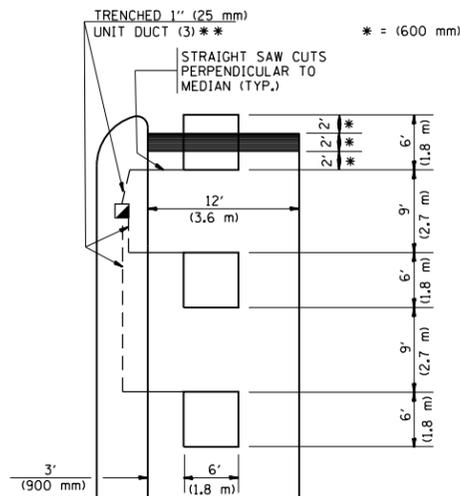
\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

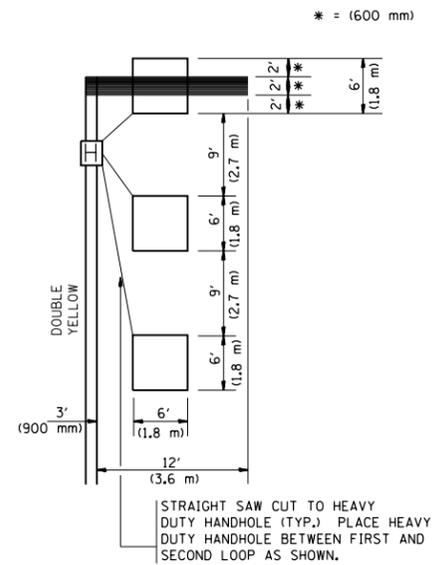


\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

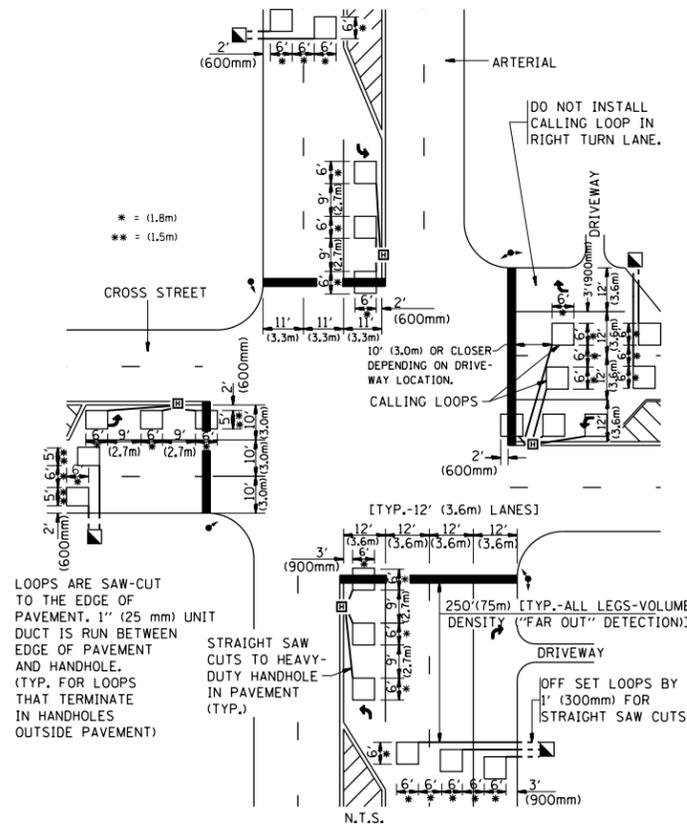
**LEFT TURN LANES WITHOUT MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)



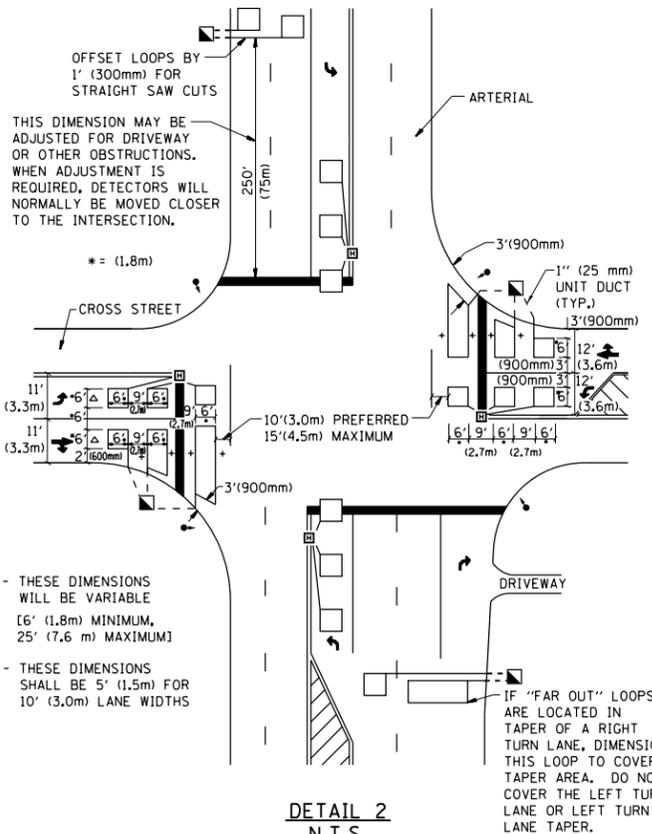
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1  
N.T.S.**

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



**DETAIL 2  
N.T.S.**

**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 SEPARATELY. 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 = currywaw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING</b>	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\0141\BID\Notes\Design\Diststd.dgn		DRAWN -	REVISED -			350	50 & 57RS-1	COOK	80	80
PLOT SCALE = 100.0002' / in.		CHECKED - R.K.F.	REVISED -			<b>TS-07</b>		<b>CONTRACT NO. 62C95</b>		
PLOT DATE = 12/14/2017		DATE -	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT