

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	1
		ILLINOIS	CONTRACT NO. 62A08	

* 71 + 1 = 72 total pages

D-91-059-15



LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

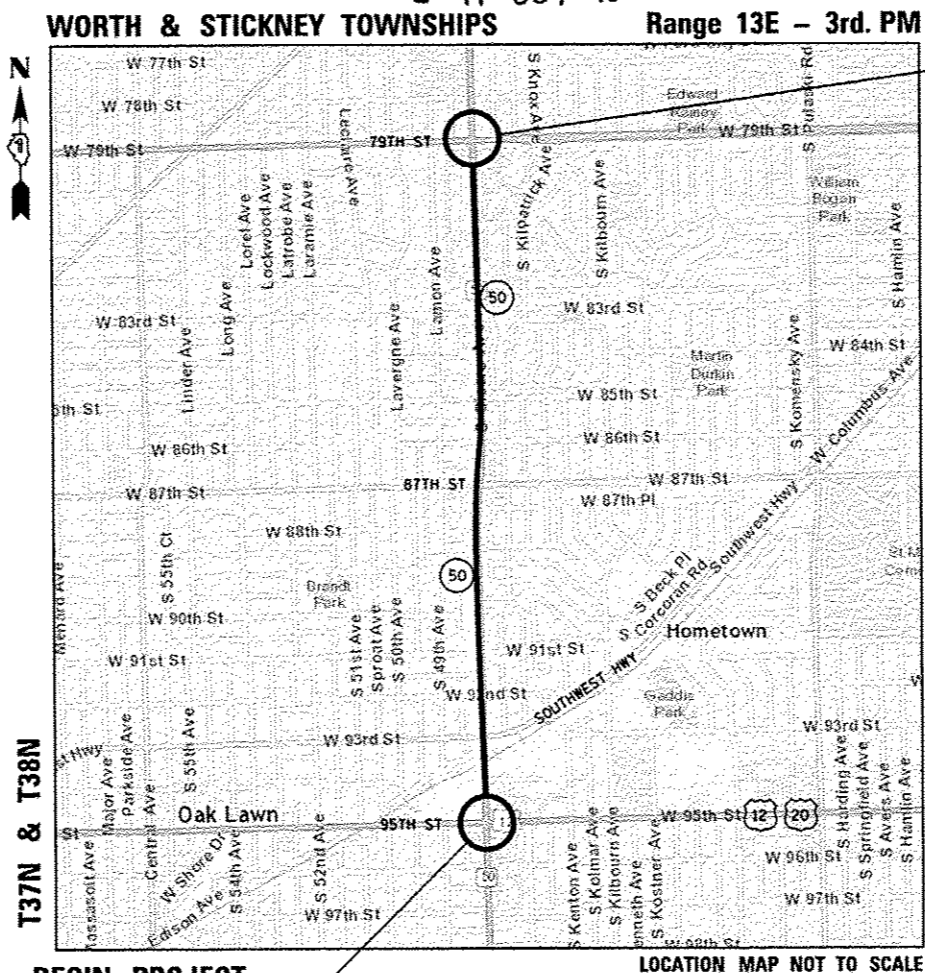
FAP 350: IL ROUTE 50 (CICERO AVE.)
SECTION 461RS-2
79TH STREET TO 95TH STREET
RESURFACING (3P) AND PEDESTRIAN RAMPS
COOK COUNTY

PROJECT NHPP-0350 (043)
C-91-059-15

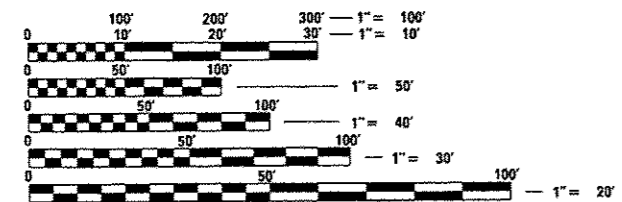
DESIGN DESIGNATION

ADT 46,100 (2013)
SPEED LIMIT 35 MPH

IMPROVEMENT LOCATED IN
THE VILLAGE OF OAK LAWN
THE CITY OF HOMETOWN
THE CITY OF CHICAGO
AND THE CITY OF BURBANK



WORTH & STICKNEY TOWNSHIPS Range 13E - 3rd. PM
T37N & T38N
BEGIN PROJECT STA. 7 + 55.00
END PROJECT STA. 113 + 87.00
LOCATION MAP NOT TO SCALE



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: MR. J. ALAIN MIDY, P.E. (847) 221-3056
PROJECT MANAGER: MR. ISSAM RAYYAN, P.E. (847) 705-4178

CONTRACT NO. 62A08

GROSS LENGTH = 10,632 FT. = 2.01 MILE
NET LENGTH = 10,582 FT. = 2.00 MILE

END PROJECT STA. 113 + 87.00



Jameel Ahmed 2/24/2017
DATE
LICENSE EXPIRES ON 11/30/2017
SHEETS 21 TO 47

AES AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-003052



COLLINS ENGINEERS, INC.
RYAN CALL
NO. 062-064397
EXPIRES 11-30-2017

COLLINS ENGINEERS INC.
123 N. WACKER DR., SUITE 900
CHICAGO, IL 60606
(312) 704-9300

ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Feb 27* 20 *17*

Anthony J. Piquero
REGIONAL ENGINEER

Mar 24 20 *17*

Maureen M. Addis P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24 20 *17*

Jameel Ahmed
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY	URBAN
				80/20 F66/STATC	0005
20200100	EARTH EXCAVATION	CU YD	98		98
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	419		419
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	3		3
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3		3
25200110	SODDING, SALT TOLERANT	SO YD	419		419
25200200	SUPPLEMENTAL WATERING	UNIT	12		12
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	914		914
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	231		231
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	73869		73869
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	11		11
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	2329		2329
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1048		1048
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	26		26
42001300	PROTECTIVE COAT	SO YD	1630		1630

* - DENOTES SPECIALTY ITEM

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FILE NAME :	USER NAME : a-mohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
MODEL NAME :	PLOT SCALE : 100.0000 / in.	DRAWN - ZJT	REVISED -			350	461RS-2	COOK	71	3	
	PLOT DATE : 2/10/2017	CHECKED - RAG	REVISED -			CONTRACT NO. 62A08					
		DATE - 12/23/2016	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY	URBAN
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT. 6 INCH	SO YD	25	0005	25
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	908	0005	908
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	9877	0005	9877
42400800	DETECTABLE WARNINGS	SO FT	1646	0005	1646
44000160	HOT-MIX ASPHALT SURFACE REMOVAL. 2 3/4"	SO YD	53074	0005	53074
44000165	HOT-MIX ASPHALT SURFACE REMOVAL. 4"	SO YD	50971	0005	50971
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	1139	0005	1139
44000600	SIDEWALK REMOVAL	SO FT	9877	0005	9877
44201847	CLASS D PATCHES. TYPE I, 17 INCH	SO YD	368	0005	368
44201851	CLASS D PATCHES. TYPE II, 17 INCH	SO YD	799	0005	799
44201855	CLASS D PATCHES. TYPE III, 17 INCH	SO YD	724	0005	724
44201857	CLASS D PATCHES. TYPE IV, 17 INCH	SO YD	4863	0005	4863
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	5	0005	5
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	5	0005	5

* - DENOTES SPECIALTY ITEM

P:\606\60603\07-PL10177-001-10177-IL_50 Repair Feeding 622408\02\Civil\08Support Files\4-D162408-44V-S002.dgn

FILE NAME :	USER NAME : awmohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) SUMMARY OF QUANTITIES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODELNAME:	PLOT SCALE = 1/8" = 100'-00" / in.	DRAWN - ZJT	REVISED -				350	46IRS-2	COOK	71	4
	PLOT DATE = 2/10/2017	CHECKED - RAG	REVISED -				CONTRACT NO. 62A08			ILLINOIS FED. AID PROJECT	
		DATE - 12/23/2016	REVISED -				SCALE:	SHEET	OF	SHEETS	STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY
				8070 FED STATE 0005
				URBAN
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
70200100	NIGHTTIME WORK ZONE LIGHTING	LSUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	30572	30572
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	3871	3871
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	1727	1727
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	41622	41622
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	13216	13216
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	514	514
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1083	1083
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1570	1570
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	7643	7643
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	2653	2653

* - DENOTES SPECIALTY ITEM

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FILE NAME :	USER NAME = <i>awhanned</i>	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#MODELNAME#	PLOT SCALE * 100.0000' / in.	DRAWN - ZJT	REVISED -			350	461RS-2	COOK	71	6	
	PLOT DATE * 2/7/2017	CHECKED - RAG	REVISED -			CONTRACT NO. 62A08					
		DATE - 12/23/2016	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

Rev

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY	URBAN
				80/20 Fed/STATE	0005
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2		2
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1727		1727
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	41622		41622
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	13216		13216
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	514		514
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1083		1083
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1570		1570
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2103		2103
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2103		2103
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	9		9
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	5666		5666
* 89502376	REBUILD EXISTING HANDHOLE	EACH	27		27
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	LSUM	1		1
14 X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	50 YD	4726		4726

* - DENOTES SPECIALTY ITEM

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FILE NAME :	USER NAME : amohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) SUMMARY OF QUANTITIES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODELNAME#	PLOT SCALE * 100.0000' / 1" =	DRAWN - ZJT	REVISED -				350	461RS-2	COOK	71	7
	PLOT DATE * 2/9/2017	CHECKED - RAG	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 62A08				
		DATE - 12/23/2016	REVISED -		ILLINOIS FED. AID PROJECT						

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY	URBAN
				80/20 FED/STATE	0005
X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	309	309	
X4060002	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	5972	5972	
X4060004	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80	TON	12182	12182	
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	3500	3500	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	80	80	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	26141	26141	
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	25	25	
Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	25	25	
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	2270	2270	
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	77	77	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	864	864	
Z0034105	MATERIAL TRANSFER DEVICE	TON	20483	20483	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1	
Ø Z0076600	TRAINEES	Hour	500	500	
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	Hour	500	500	

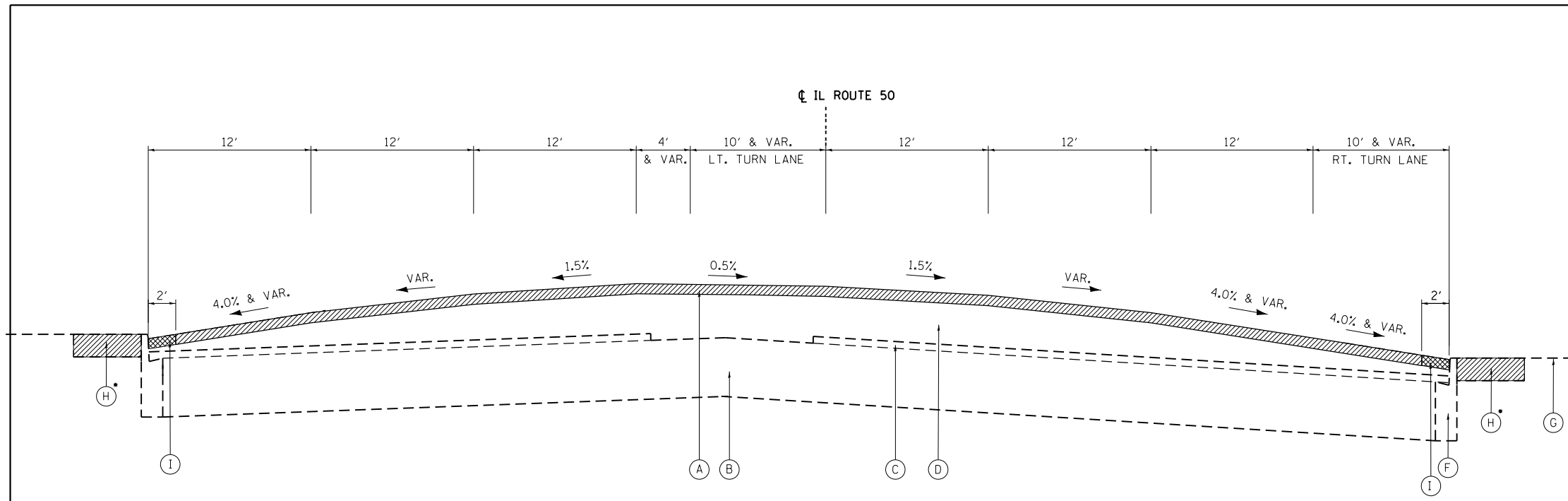
Ø 0042
 NON-PARTICIPATING

* - DENOTES SPECIALTY ITEM

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FILE NAME :	USER NAME : ommohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) SUMMARY OF QUANTITIES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODELNAME :	PLOT SCALE * 100.0000' / in.	CHECKED - RAG	REVISED -				350	461RS-2	COOK	71	8
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					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

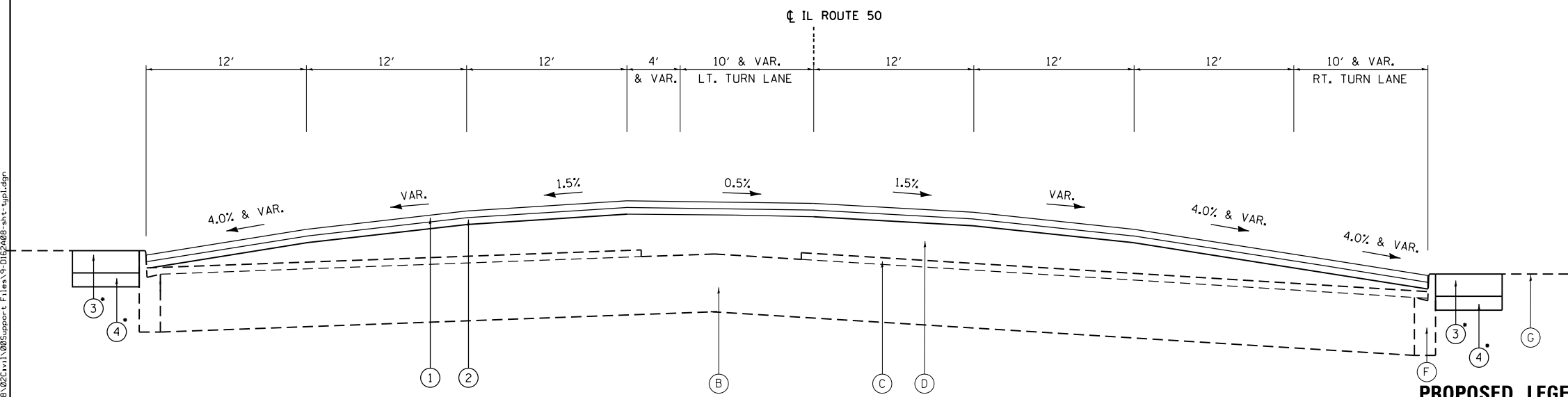
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**EXISTING TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 7+55.00 TO STA. 15+72.87
STA 16+44.14 TO STA. 20+08.20

**THE CONTRACTOR SHALL MILL FIRST
BEFORE PATCHING**

- EXISTING LEGEND:**
- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (STA. 7+55 TO STA. 60+44)
 - (A1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" (STA. 60+44 TO STA. 113+87)
 - (B) EXISTING PCC BASE COURSE
 - (C) EXISTING HMA SURFACE COURSE
 - (D) EXISTING HMA BINDER COURSE, 5" & VARIES
 - (E) EXISTING HMA SURFACE COURSE, 1 1/2"
 - (F) EXISTING CURB & GUTTER
 - (G) EXISTING GROUND
 - (H) EXISTING SIDEWALK
 - (I) PROPOSED SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- TO BE REMOVED
- LOCATIONS AS DIRECTED BY ENGINEER

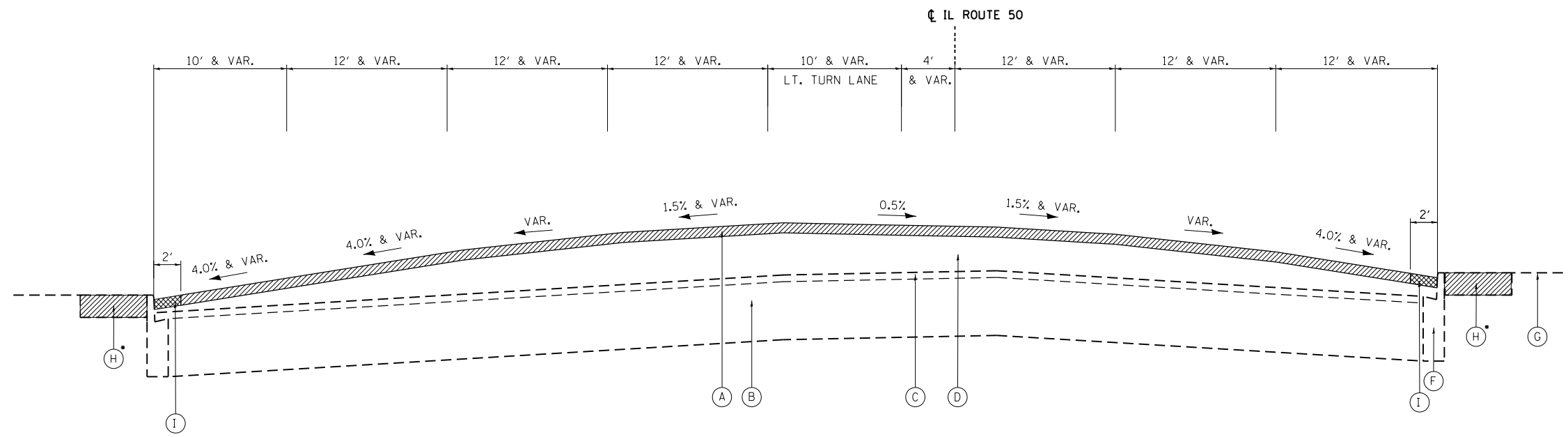


**PROPOSED TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 7+55.00 TO STA. 15+72.87
STA 16+44.14 TO STA. 20+08.20

- PROPOSED LEGEND:**
- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2"
 - (2) PROPOSED POLYMERIZED HOT-MIX BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2" (STA. 7+55 TO STA. 60+44)
 - (2A) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4" (STA. 60+44 TO STA. 113+87)
 - (3) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
 - (4) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"

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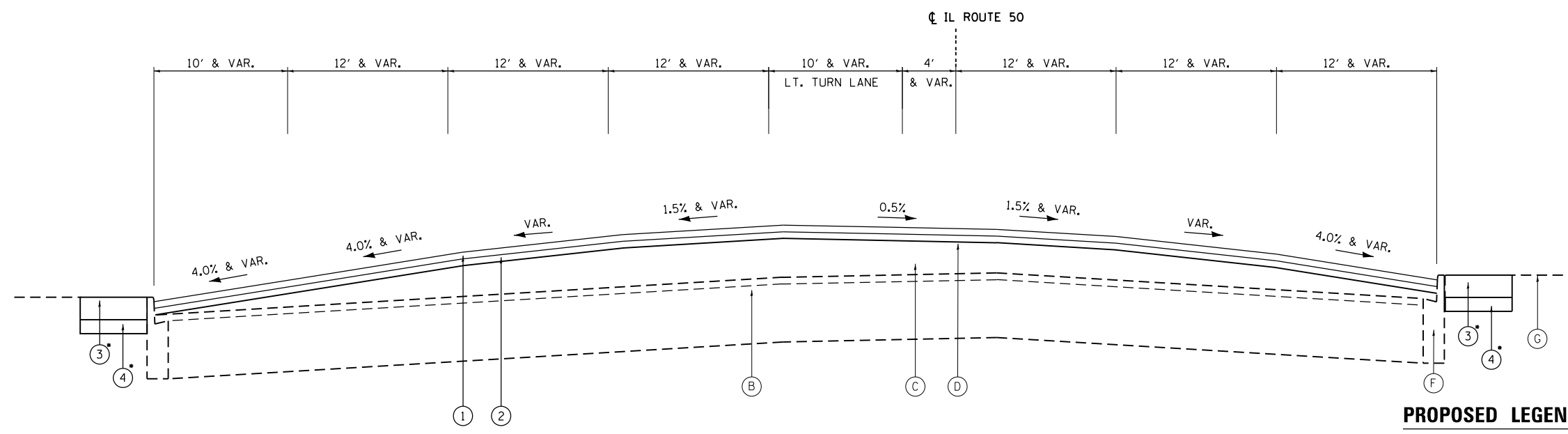
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		DRAWN - ZJT	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT
		CHECKED - RAG	REVISED -		CONTRACT NO. 62A08								
		DATE - 12/23/2016	REVISED -										



**EXISTING TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 20+08.20 TO STA 26+57.01

**THE CONTRACTOR SHALL MILL FIRST
BEFORE PATCHING**

- EXISTING LEGEND:**
- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (STA. 7+55 TO STA. 60+44)
 - (A1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" (STA. 60+44 TO STA. 113+87)
 - (B) EXISTING PCC BASE COURSE
 - (C) EXISTING HMA SURFACE COURSE
 - (D) EXISTING HMA BINDER COURSE, 5" & VARIES
 - (E) EXISTING HMA SURFACE COURSE, 1 1/2"
 - (F) EXISTING CURB & GUTTER
 - (G) EXISTING GROUND
 - (H) EXISTING SIDEWALK
 - (I) PROPOSED SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- TO BE REMOVED
- LOCATIONS AS DIRECTED BY ENGINEER

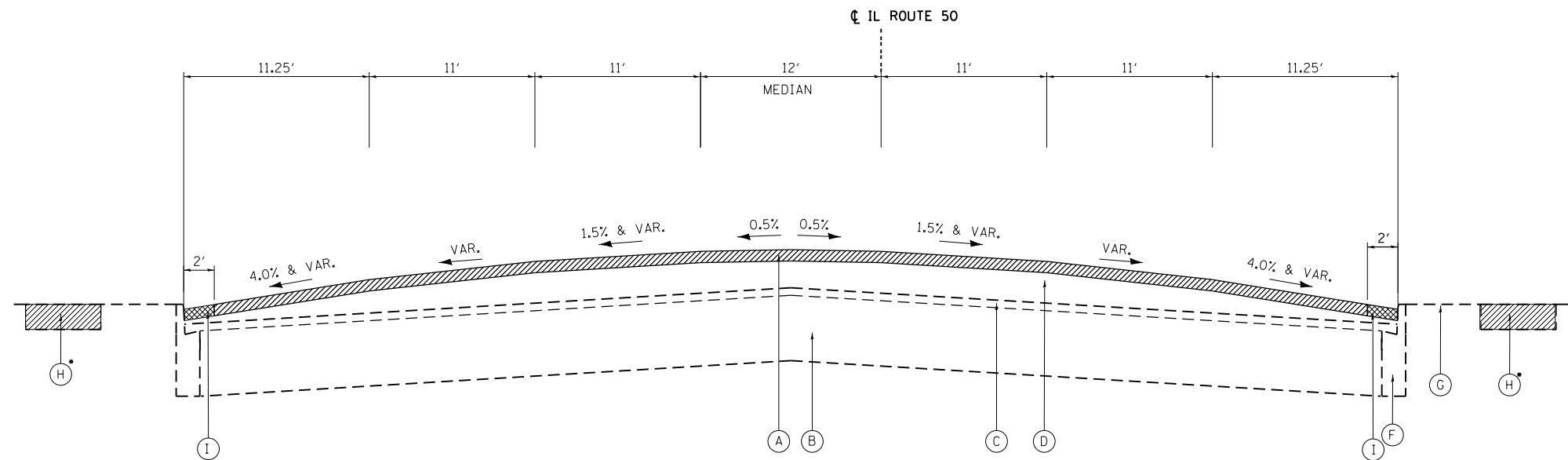


**PROPOSED TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 20+08.20 TO STA 26+57.01

- PROPOSED LEGEND:**
- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2"
 - (2) PROPOSED POLYMERIZED HOT-MIX BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2"
 - (2A) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4"
 - (3) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
 - (4) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"

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FILE NAME =	USER NAME = awmohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
MODELNAME	PLOT SCALE = 20.0000' / in.	CHECKED - RAG	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	350	461RS-2	COOK	71	10
	PLOT DATE = 2/10/2017	DATE - 12/23/2016	REVISED -									CONTRACT NO. 62A08				
											ILLINOIS FED. AID PROJECT					

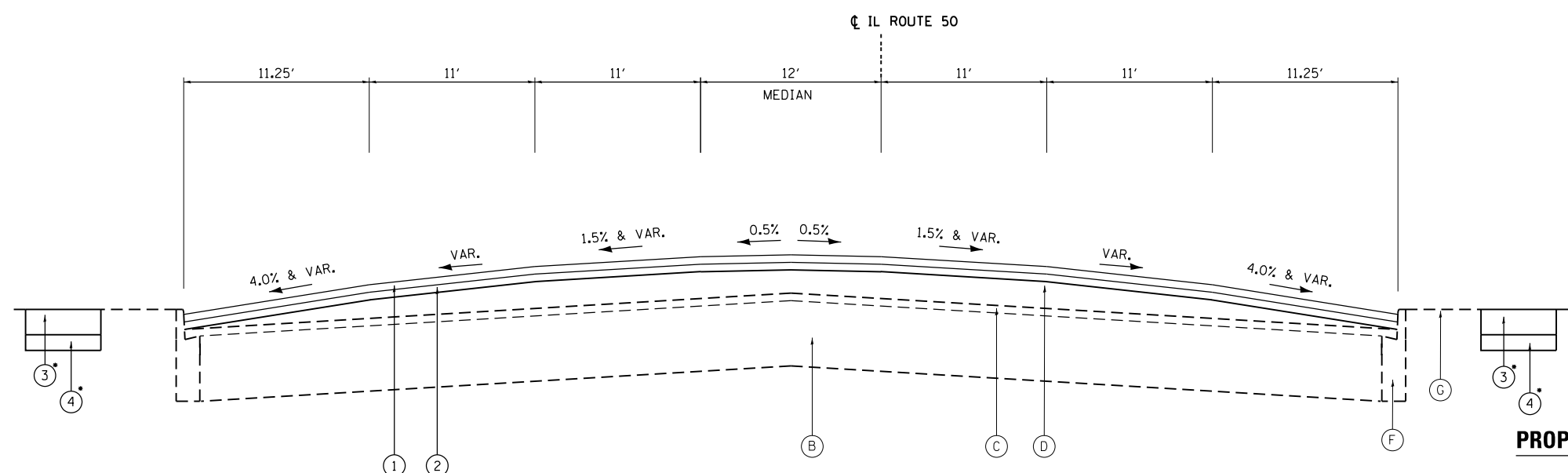


**EXISTING TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 26+57.01 TO STA 41+61.78

**THE CONTRACTOR SHALL MILL FIRST
BEFORE PATCHING**

EXISTING LEGEND:

- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (STA. 7+55 TO STA. 60+44)
 - (A1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" (STA. 60+44 TO STA. 113+87)
 - (B) EXISTING PCC BASE COURSE
 - (C) EXISTING HMA SURFACE COURSE
 - (D) EXISTING HMA BINDER COURSE, 5" & VARIES
 - (E) EXISTING HMA SURFACE COURSE, 1 1/2"
 - (F) EXISTING CURB & GUTTER
 - (G) EXISTING GROUND
 - (H) EXISTING SIDEWALK
 - (I) PROPOSED SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- TO BE REMOVED
- LOCATIONS AS DIRECTED BY ENGINEER



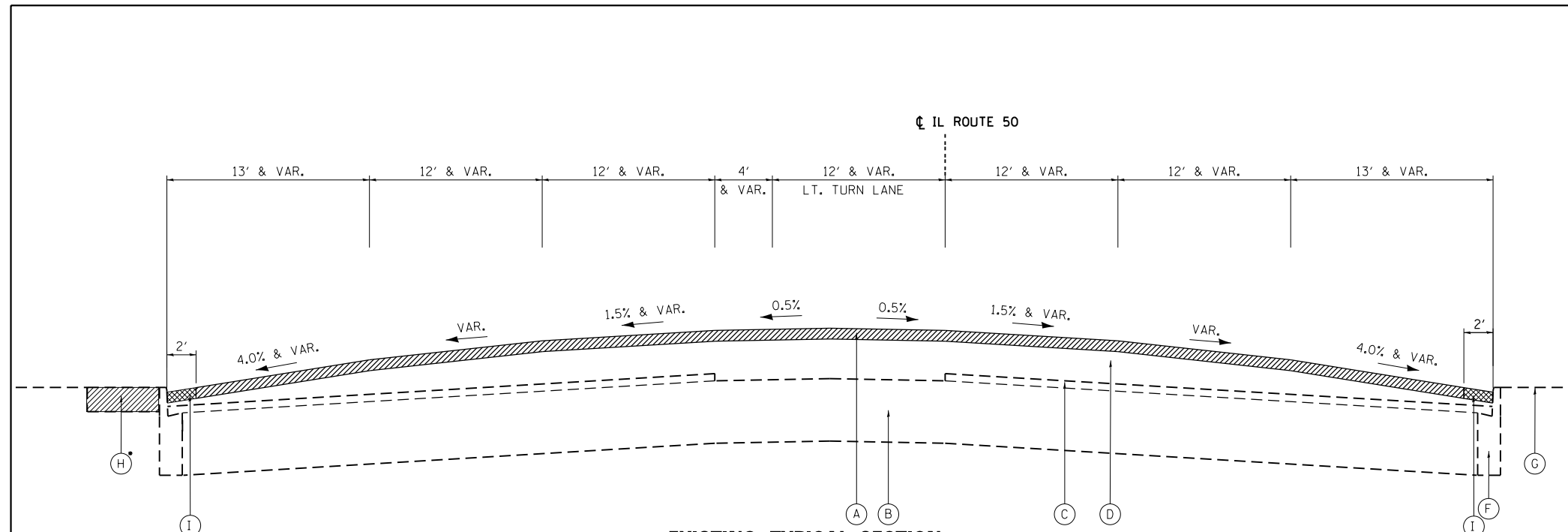
**PROPOSED TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 26+57.01 TO STA 41+61.78

PROPOSED LEGEND:

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2"
- (2) PROPOSED POLYMERIZED HOT-MIX BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2" (STA. 7+55 TO STA. 60+44)
- (2A) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4" (STA. 60+44 TO STA. 113+87)
- (3) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (4) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"

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FILE NAME =	USER NAME = awmohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - ZJT	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	71	11
		CHECKED - RAG	REVISED -					350	461RS-2	COOK	CONTRACT NO. 62A08		
MODELNAME		DATE - 12/23/2016	REVISED -					ILLINOIS FED. AID PROJECT					

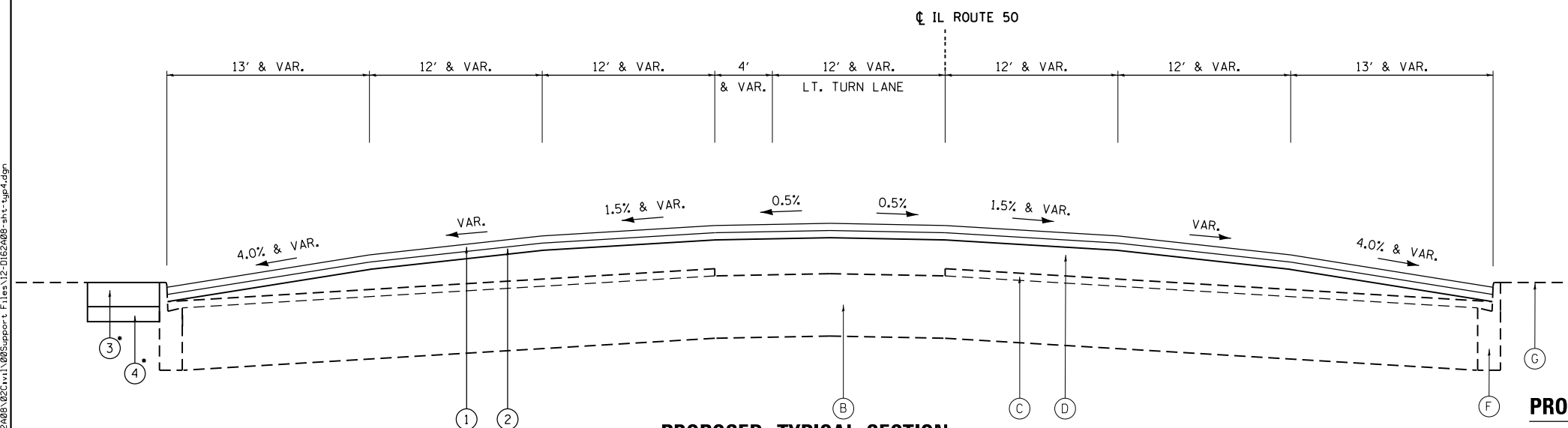


**EXISTING TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 41+61.78 TO STA 60+44.00

**THE CONTRACTOR SHALL MILL FIRST
BEFORE PATCHING**

EXISTING LEGEND:

- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (STA. 7+55 TO STA. 60+44)
 - (A1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" (STA. 60+44 TO STA. 113+87)
 - (B) EXISTING PCC BASE COURSE
 - (C) EXISTING HMA SURFACE COURSE
 - (D) EXISTING HMA BINDER COURSE, 5" & VARIES
 - (E) EXISTING HMA SURFACE COURSE, 1 1/2"
 - (F) EXISTING CURB & GUTTER
 - (G) EXISTING GROUND
 - (H) EXISTING SIDEWALK
 - (I) PROPOSED SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- TO BE REMOVED
- LOCATIONS AS DIRECTED BY ENGINEER



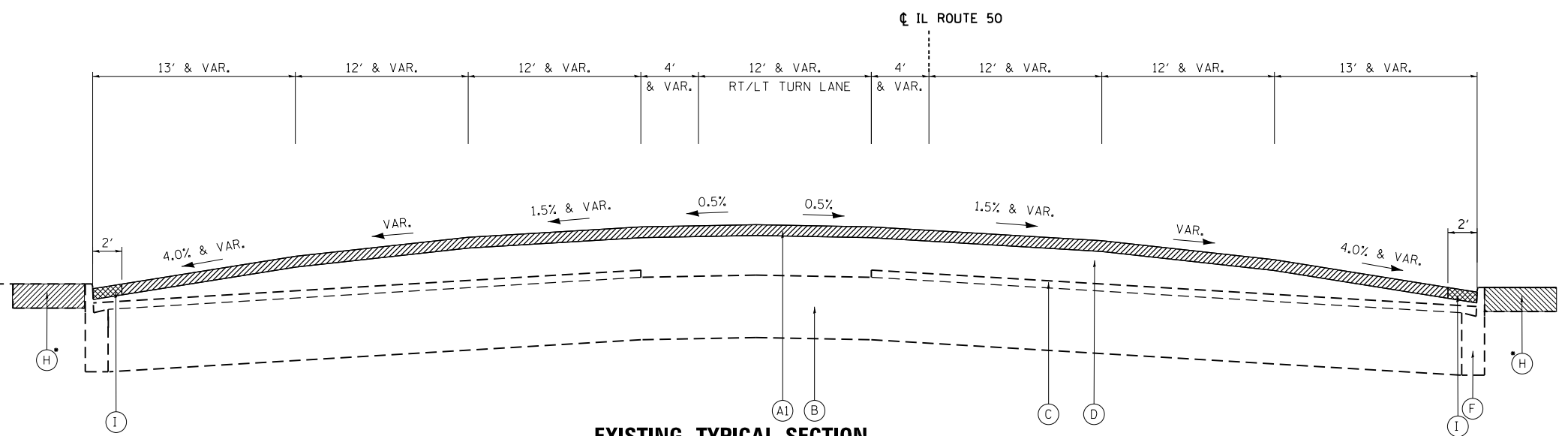
**PROPOSED TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 41+61.78 TO STA 60+44.00

PROPOSED LEGEND:

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2"
- (2) PROPOSED POLYMERIZED HOT-MIX BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2" (STA. 7+55 TO STA. 60+44)
- (2A) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4"
- (3) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (4) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"

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FILE NAME =	USER NAME = awmohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
		DRAWN - ZJT	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	350	461RS-2	COOK	71	12
		CHECKED - RAG	REVISED -		CONTRACT NO. 62A08											
		DATE - 12/23/2016	REVISED -		ILLINOIS FED. AID PROJECT											

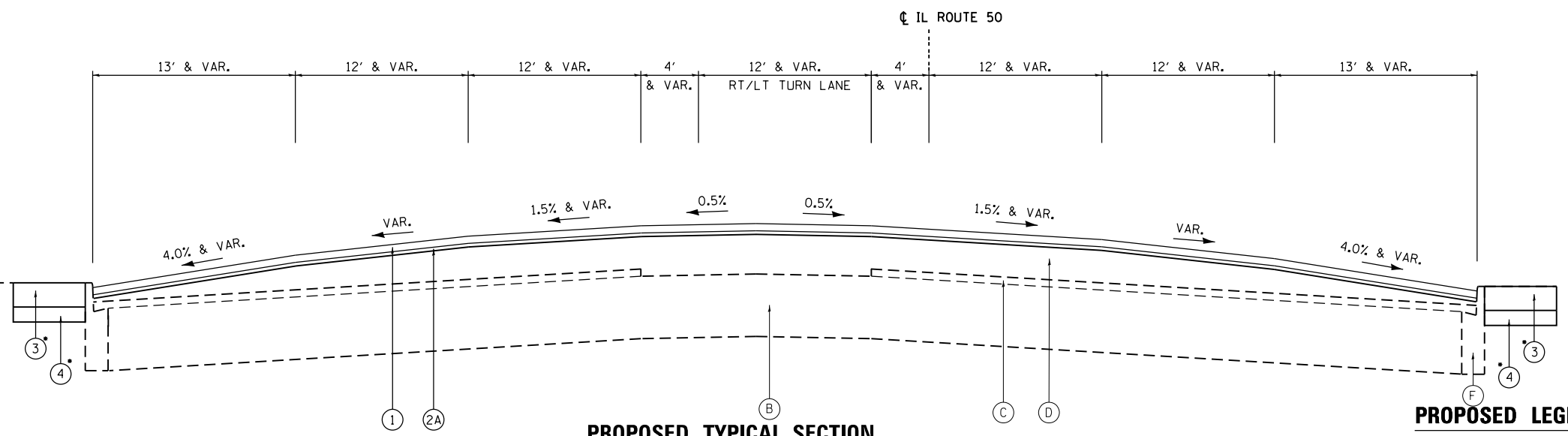


**EXISTING TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 60+44.00 TO STA 69+00.00

**THE CONTRACTOR SHALL MILL FIRST
BEFORE PATCHING**

EXISTING LEGEND:

- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (STA. 7+55 TO STA. 60+44)
 - (A1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" (STA. 60+44 TO STA. 113+87)
 - (B) EXISTING PCC BASE COURSE
 - (C) EXISTING HMA SURFACE COURSE
 - (D) EXISTING HMA BINDER COURSE, 5" & VARIES
 - (E) EXISTING HMA SURFACE COURSE, 1 1/2"
 - (F) EXISTING CURB & GUTTER
 - (G) EXISTING GROUND
 - (H) EXISTING SIDEWALK
 - (I) PROPOSED SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- TO BE REMOVED
- LOCATIONS AS DIRECTED BY ENGINEER



**PROPOSED TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 60+44.00 TO STA 69+00.00

PROPOSED LEGEND:

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2"
- (2) PROPOSED POLYMERIZED HOT-MIX BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2" (STA. 7+55 TO STA. 60+44)
- (2A) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4" (STA. 60+44 TO STA. 113+87)
- (3) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (4) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"

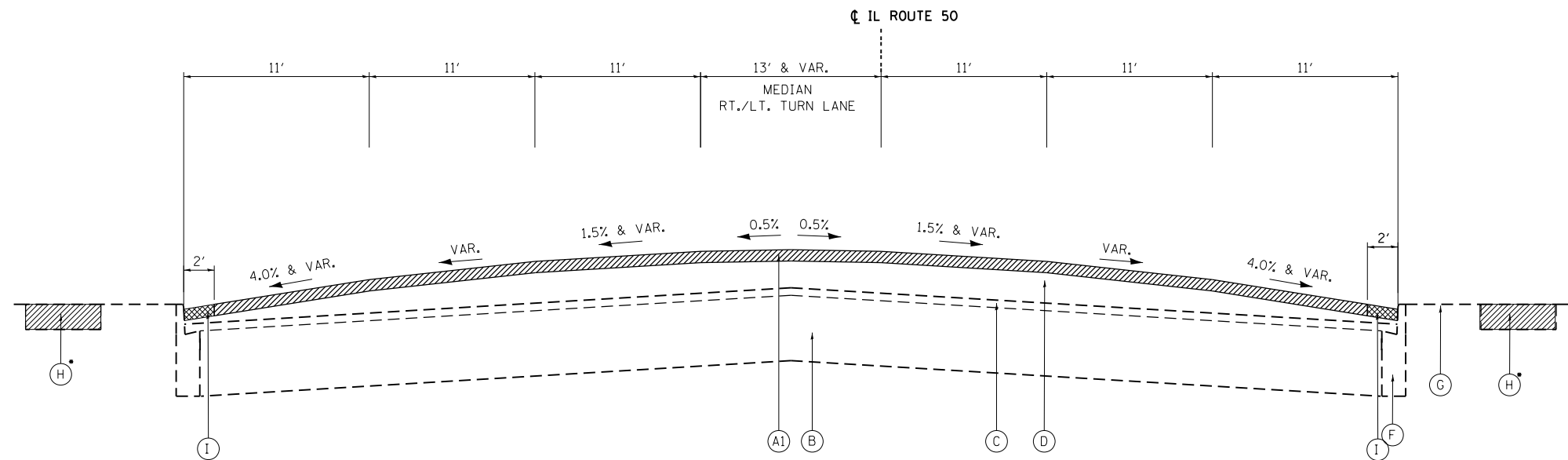
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FILE NAME =	USER NAME = awmohammed	DESIGNED - ZJT	REVISED -
		DRAWN - ZJT	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - RAG	REVISED -
MODELNAME	PLOT DATE = 2/10/2017	DATE - 12/23/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 50 (CICERO AVE)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL SECTIONS		350	461RS-2	COOK	71	13
SCALE:	SHEET OF SHEETS	STA.	TO STA.		CONTRACT NO. 62A08	

ILLINOIS FED. AID PROJECT	
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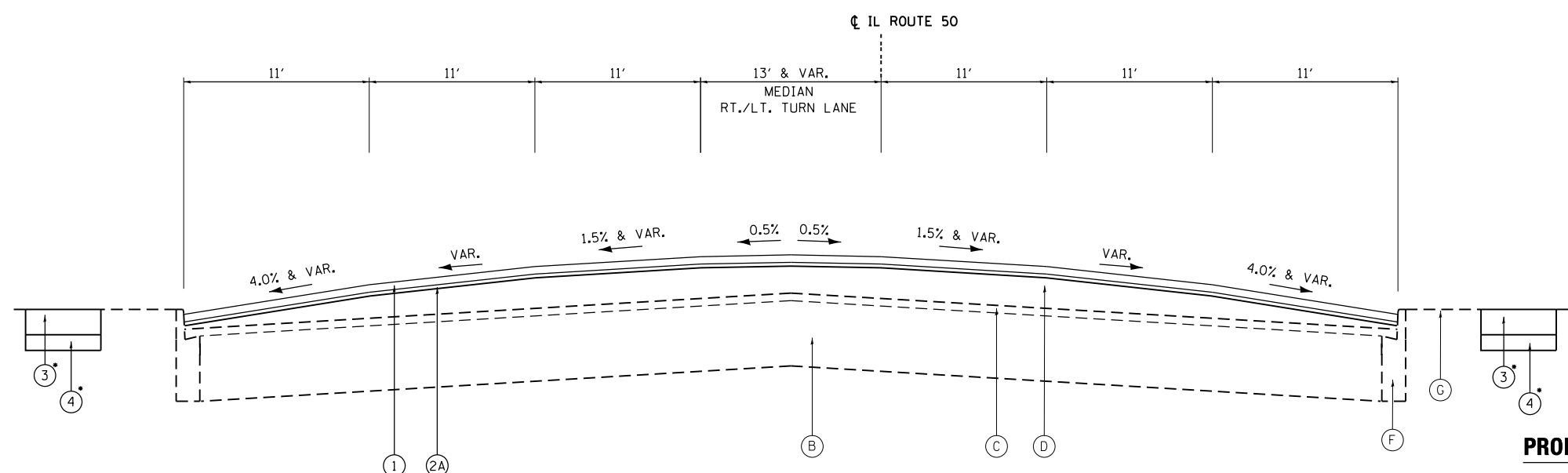


**EXISTING TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 69+00.00 TO STA 92+00.00

**THE CONTRACTOR SHALL MILL FIRST
BEFORE PATCHING**

EXISTING LEGEND:

- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (STA. 7+55 TO STA. 60+44)
 - (A1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" (STA. 60+44 TO STA. 113+87)
 - (B) EXISTING PCC BASE COURSE
 - (C) EXISTING HMA SURFACE COURSE
 - (D) EXISTING HMA BINDER COURSE, 5" & VARIES
 - (E) EXISTING HMA SURFACE COURSE, 1 1/2"
 - (F) EXISTING CURB & GUTTER
 - (G) EXISTING GROUND
 - (H) EXISTING SIDEWALK
 - (I) PROPOSED SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- TO BE REMOVED
- LOCATIONS AS DIRECTED BY ENGINEER



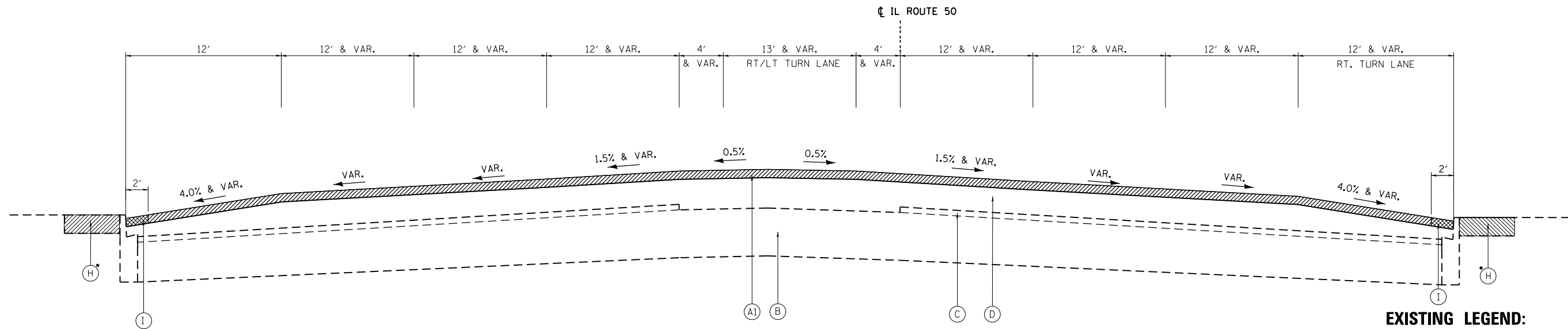
**PROPOSED TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 69+00.00 TO STA 92+00.00

PROPOSED LEGEND:

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2"
- (2) PROPOSED POLYMERIZED HOT-MIX BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2" (STA. 7+55 TO STA. 60+44)
- (2A) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4" (STA. 60+44 TO STA. 113+87)
- (3) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (4) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"

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FILE NAME =	USER NAME = awmohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ZJT	REVISED -			350	461RS-2	COOK	71	14		
		PLOT SCALE = 20.0000' / in.	CHECKED - RAG		REVISED -	CONTRACT NO. 62A08						
MODELNAME		PLOT DATE = 2/10/2017	DATE - 12/23/2016		REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.



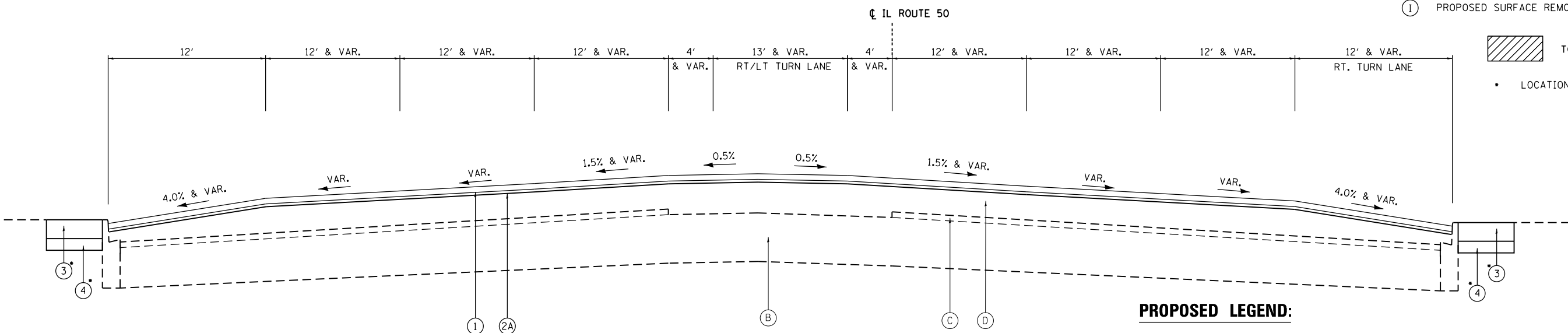
**EXISTING TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 92+00.00 TO STA 113+87.00

**THE CONTRACTOR SHALL MILL FIRST
BEFORE PATCHING**

EXISTING LEGEND:

- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (STA. 7+55 TO STA. 60+44)
- (A1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" (STA. 60+44 TO STA. 113+87)
- (B) EXISTING PCC BASE COURSE
- (C) EXISTING HMA SURFACE COURSE
- (D) EXISTING HMA BINDER COURSE, 5" & VARIES
- (E) EXISTING HMA SURFACE COURSE, 1 1/2"
- (F) EXISTING CURB & GUTTER
- (G) EXISTING GROUND
- (H) EXISTING SIDEWALK
- (I) PROPOSED SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)

TO BE REMOVED
• LOCATIONS AS DIRECTED BY ENGINEER



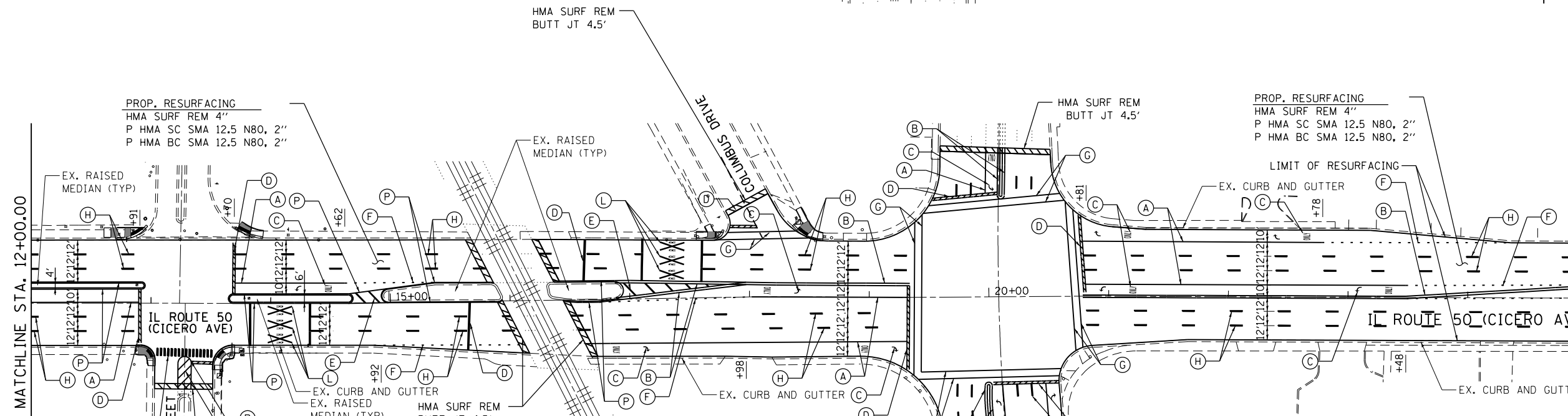
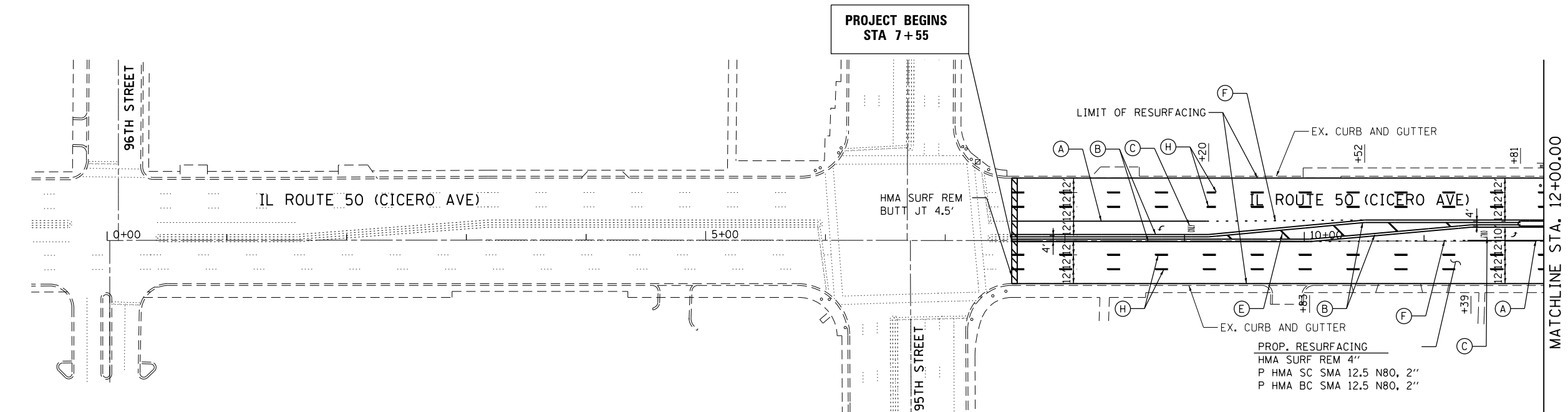
**PROPOSED TYPICAL SECTION
IL ROUTE 50 (CICERO AVE)**
STA 92+00.00 TO STA 113+87.00

PROPOSED LEGEND:

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2"
- (2) PROPOSED POLYMERIZED HOT-MIX BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80; 2" (STA. 7+55 TO STA. 60+44)
- (2A) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4" (STA. 60+44 TO STA. 113+87)
- (3) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (4) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"

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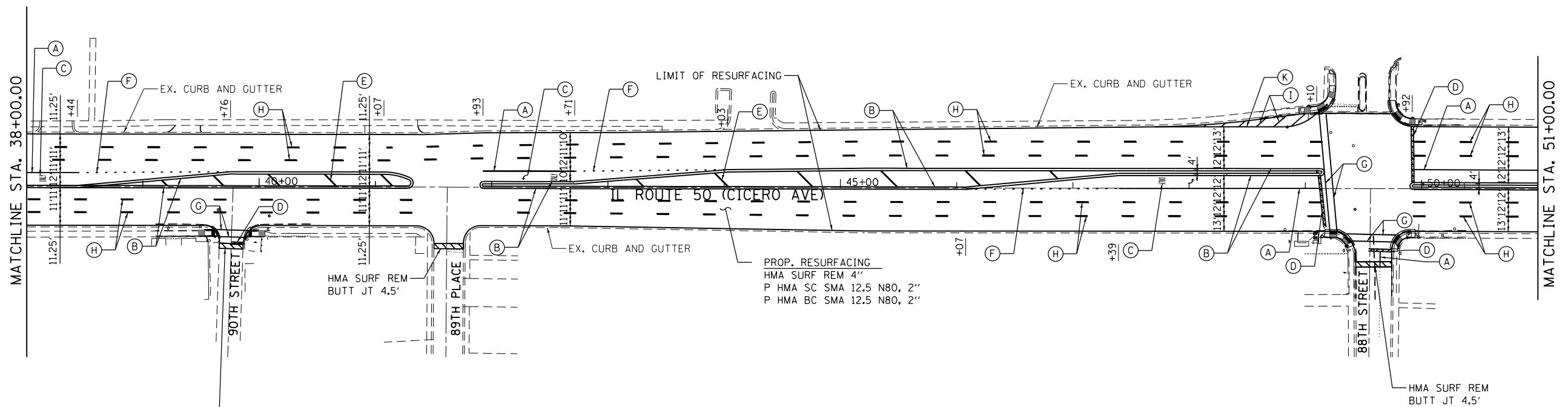
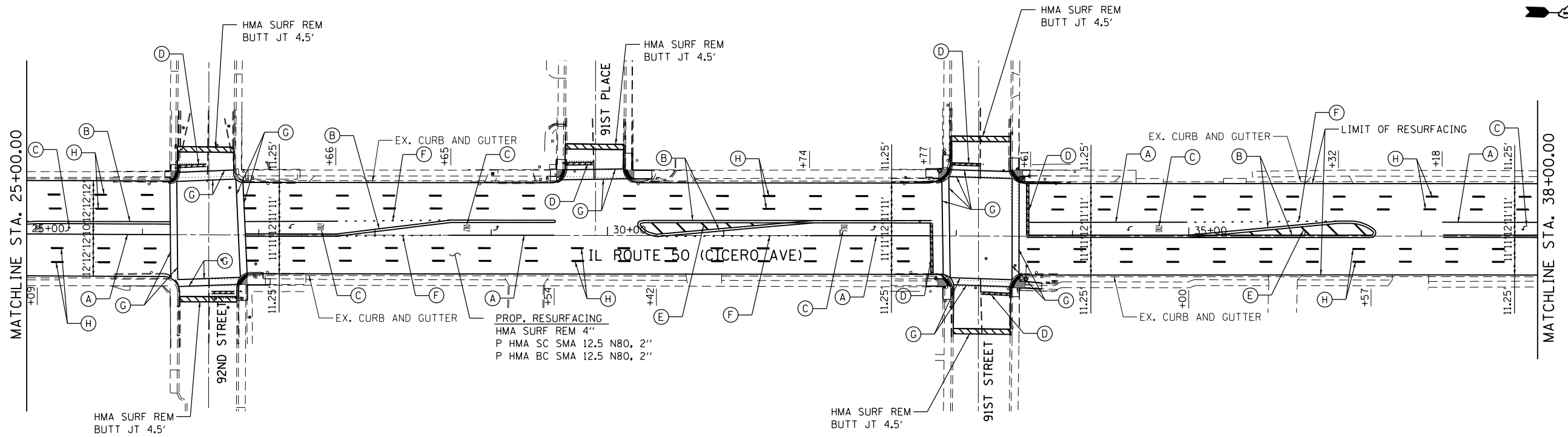
FILE NAME =	USER NAME = awmohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - ZJT	REVISED -			350	461RS-2	COOK	71	15	
		CHECKED - RAG	REVISED -			CONTRACT NO. 62A08					
		DATE - 12/23/2016	REVISED -			ILLINOIS FED. AID PROJECT					
MODELNAME	PLOT SCALE = 20.0000' / in.			SCALE:	SHEET OF SHEETS	STA.	TO STA.				



- (A) PROP. THPL. PAVEMENT MARKING LINE
6" WHITE - TURN LANE LINE (TYP)
- (B) PROP. THPL. PAVEMENT MARKING LINE
2 @ 4" YELLOW - 11" C-C (TYP)
- (C) 8' WHITE - LETTERS AND SYMBOLS (TYP)
(LEFT TURN ONLY, RIGHT TURN ONLY)
- (D) PROP. THPL. PAVEMENT MARKING LINE
24" WHITE SOLID LINE - STOP LINE (TYP)
- (E) PROP. THPL. PAVEMENT MARKING LINE
12" YELLOW - 75' C-C, 45° DIAGONAL (MIN. 5)
- (F) PROP. THPL. PAVEMENT MARKING LINE
6" WHITE - DOTTED LINE
2' DASH, 6' SKIP (TYP)
- (G) PROP. THPL. PAVEMENT MARKING LINE
6" WHITE - CROSSWALK LINES (TYP)
- (H) PROP. THPL. PAVEMENT MARKING LINE
4" WHITE - SKIP DASH LINES
10' DASH, 30' SKIP (TYP)
- (I) PROP. THPL. PAVEMENT MARKING LINE
12" WHITE (RIGHT)
45° SHOULDER DIAGONALS - 75' C-C, (MIN. 5)
- (K) PROP. THPL. PAVEMENT MARKING LINE
8" WHITE - SHLD (TYP)
- (L) PROP. THPL. LETTERS AND SYMBOLS (TYP)
RAILROAD CROSSING
- (M) PROP. THPL. PAVEMENT MARKING LINE
12" WHITE LINE - PEDESTRIAN CROSSING LINES (TYP)
- (N) PROP. THPL. PAVEMENT MARKING LINE
8" WHITE - ISLAND MARKING (TYP)
- (O) PROP. THPL. PAVEMENT MARKING LINE
12" WHITE - PAINTED ISLAND (TYP)
45° DIAGONALS (MIN. 5)
- (P) PROP. THPL. PAVEMENT MARKING LINE
4" SOLID YELLOW

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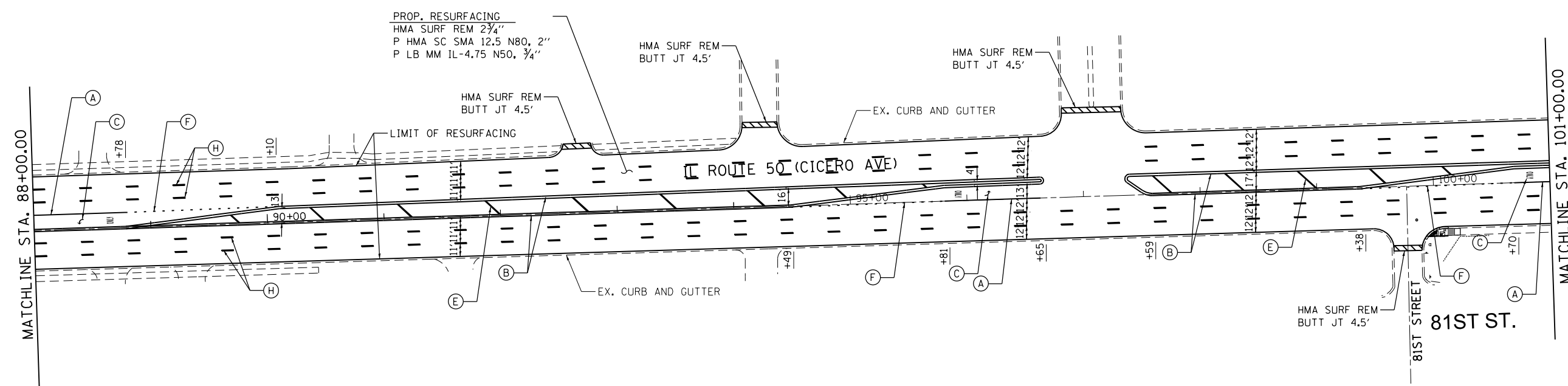
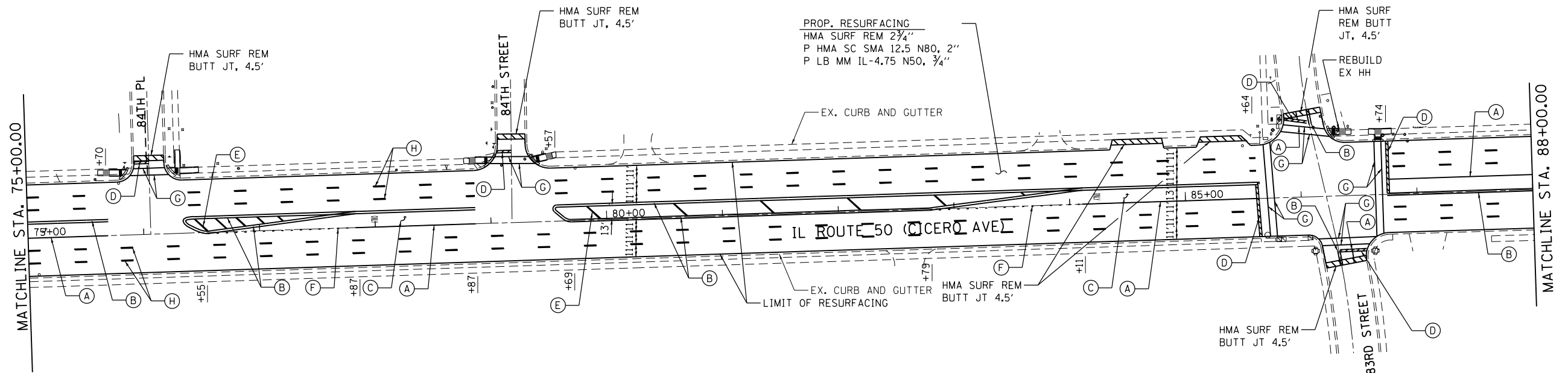
FILE NAME =	USER NAME = awmohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) ROADWAY AND PAVEMENT MARKING PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 100.0000' / 1" =	CHECKED - RAG	REVISIED -		REVISIED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	350	461RS-2	COOK
MODELNAME	PLOT DATE = 2/7/2017	DATE - 12/23/2016	REVISIED -						CONTRACT NO. 62A08				ILLINOIS FED. AID PROJECT		



- (A) PROP. THPL. PAVEMENT MARKING LINE 6" WHITE - TURN LANE LINE (TYP)
- (B) PROP. THPL. PAVEMENT MARKING LINE 2 @ 4" YELLOW - 11" C-C (TYP)
- (C) 8" WHITE - LETTERS AND SYMBOLS (TYP) (LEFT TURN ONLY, RIGHT TURN ONLY)
- (D) PROP. THPL. PAVEMENT MARKING LINE 24" WHITE SOLID LINE - STOP LINE (TYP)
- (E) PROP. THPL. PAVEMENT MARKING LINE 12" YELLOW - 75° C-C, 45° DIAGONAL (MIN. 5)
- (F) PROP. THPL. PAVEMENT MARKING LINE 6" WHITE - DOTTED LINE 2' DASH, 6' SKIP (TYP)
- (G) PROP. THPL. PAVEMENT MARKING LINE 6" WHITE - CROSSWALK LINES (TYP)
- (H) PROP. THPL. PAVEMENT MARKING LINE 4" WHITE - SKIP DASH LINES 10' DASH, 30' SKIP (TYP)
- (I) PROP. THPL. PAVEMENT MARKING LINE 12" WHITE (RIGHT) 45° SHOULDER DIAGONALS - 75° C-C, (MIN. 5)
- (K) PROP. THPL. PAVEMENT MARKING LINE 8" WHITE - SHLD (TYP)
- (L) PROP. THPL. LETTERS AND SYMBOLS (TYP) RAILROAD CROSSING
- (M) PROP. THPL. PAVEMENT MARKING LINE 12" WHITE LINE - PEDESTRIAN CROSSING LINES (TYP)
- (N) PROP. THPL. PAVEMENT MARKING LINE 8" WHITE - ISLAND MARKING (TYP)
- (O) PROP. THPL. PAVEMENT MARKING LINE 12" WHITE - PAINTED ISLAND (TYP) 45° DIAGONALS (MIN. 5)
- (P) PROP. THPL. PAVEMENT MARKING LINE 4" SOLID YELLOW

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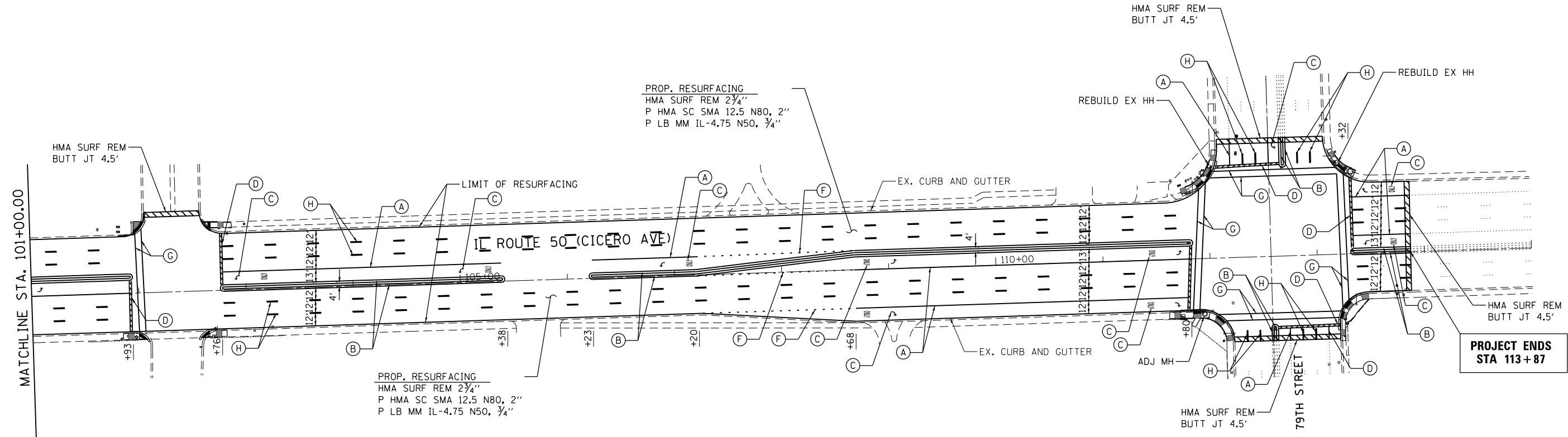
FILE NAME =	USER NAME = awmohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) ROADWAY AND PAVEMENT MARKING PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	MODELNAME	PLOT SCALE = 100.0000' / 1"	CHECKED - RAG		REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	350	461RS-2	COOK
	PLOT DATE = 2/7/2017	DATE - 12/23/2016	REVISED -						CONTRACT NO. 62A08				ILLINOIS FED. AID PROJECT		



- (A) PROP. THPL. PAVEMENT MARKING LINE
6" WHITE - TURN LANE LINE (TYP)
- (B) PROP. THPL. PAVEMENT MARKING LINE
2 @ 4" YELLOW - 11" C-C (TYP)
- (C) 8" WHITE - LETTERS AND SYMBOLS (TYP)
(LEFT TURN ONLY, RIGHT TURN ONLY)
- (D) PROP. THPL. PAVEMENT MARKING LINE
24" WHITE SOLID LINE - STOP LINE (TYP)
- (E) PROP. THPL. PAVEMENT MARKING LINE
12" YELLOW - 75' C-C, 45° DIAGONAL (MIN. 5)
- (F) PROP. THPL. PAVEMENT MARKING LINE
6" WHITE - DOTTED LINE
2" DASH, 6" SKIP (TYP)
- (G) PROP. THPL. PAVEMENT MARKING LINE
6" WHITE - CROSSWALK LINES (TYP)
- (H) PROP. THPL. PAVEMENT MARKING LINE
4" WHITE - SKIP DASH LINES
10' DASH, 30' SKIP (TYP)
- (I) PROP. THPL. PAVEMENT MARKING LINE
12" WHITE (RIGHT)
45° SHOULDER DIAGONALS - 75' C-C, (MIN. 5)
- (K) PROP. THPL. PAVEMENT MARKING LINE
8" WHITE - SHLD (TYP)
- (L) PROP. THPL. LETTERS AND SYMBOLS (TYP)
RAILROAD CROSSING
- (M) PROP. THPL. PAVEMENT MARKING LINE
12" WHITE LINE - PEDESTRIAN CROSSING LINES (TYP)
- (N) PROP. THPL. PAVEMENT MARKING LINE
8" WHITE - ISLAND MARKING (TYP)
- (O) PROP. THPL. PAVEMENT MARKING LINE
12" WHITE - PAINTED ISLAND (TYP)
45° DIAGONALS (MIN. 5)
- (P) PROP. THPL. PAVEMENT MARKING LINE
4" SOLID YELLOW

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FILE NAME =	USER NAME = awmohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) ROADWAY AND PAVEMENT MARKING PLAN	F.A.P. RTE. 350	SECTION 461RS-2	COUNTY COOK	TOTAL SHEETS 71	SHEET NO. 19		
	PLOT SCALE = 100.0000' / 1" =	CHECKED - RAG	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62A08			
MODELNAME	PLOT DATE = 2/7/2017	DATE - 12/23/2016	REVISED -			ILLINOIS FED. AID PROJECT						

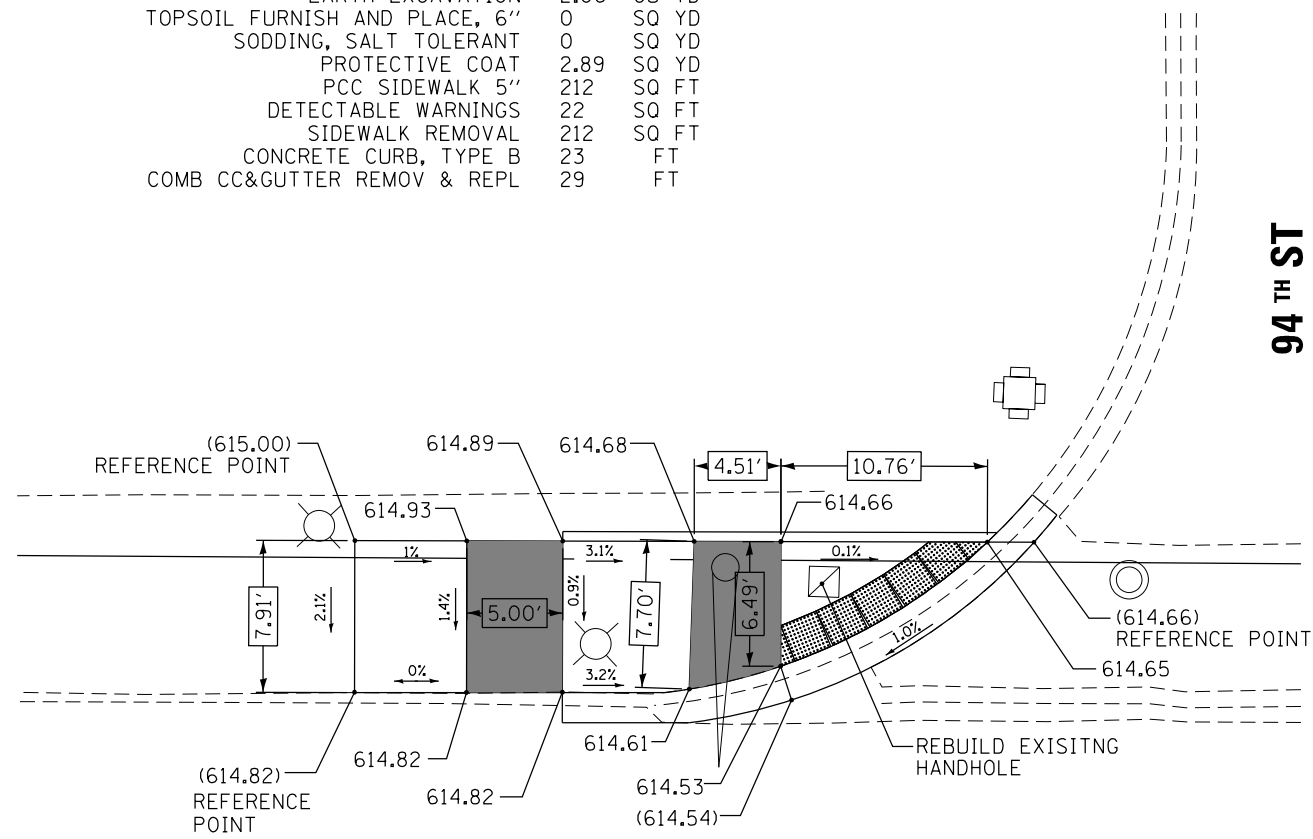


- (A) PROP. THPL. PAVEMENT MARKING LINE
6" WHITE - TURN LANE LINE (TYP)
- (B) PROP. THPL. PAVEMENT MARKING LINE
2 @ 4" YELLOW - 11" C-C (TYP)
- (C) 8' WHITE - LETTERS AND SYMBOLS (TYP)
(LEFT TURN ONLY, RIGHT TURN ONLY)
- (D) PROP. THPL. PAVEMENT MARKING LINE
24" WHITE SOLID LINE - STOP LINE (TYP)
- (E) PROP. THPL. PAVEMENT MARKING LINE
12" YELLOW - 75' C-C, 45° DIAGONAL (MIN. 5)
- (F) PROP. THPL. PAVEMENT MARKING LINE
6" WHITE - DOTTED LINE
2' DASH, 6' SKIP (TYP)
- (G) PROP. THPL. PAVEMENT MARKING LINE
6" WHITE - CROSSWALK LINES (TYP)
- (H) PROP. THPL. PAVEMENT MARKING LINE
4" WHITE - SKIP DASH LINES
10' DASH, 30' SKIP (TYP)
- (I) PROP. THPL. PAVEMENT MARKING LINE
12" WHITE (RIGHT)
45° SHOULDER DIAGONALS - 75' C-C, (MIN. 5)
- (K) PROP. THPL. PAVEMENT MARKING LINE
8" WHITE - SHLD (TYP)
- (L) PROP. THPL. LETTERS AND SYMBOLS (TYP)
RAILROAD CROSSING
- (M) PROP. THPL. PAVEMENT MARKING LINE
12" WHITE LINE - PEDESTRIAN CROSSING LINES (TYP)
- (N) PROP. THPL. PAVEMENT MARKING LINE
8" WHITE - ISLAND MARKING (TYP)
- (O) PROP. THPL. PAVEMENT MARKING LINE
12" WHITE - PAINTED ISLAND (TYP)
45° DIAGONALS (MIN. 5)
- (P) PROP. THPL. PAVEMENT MARKING LINE
4" SOLID YELLOW

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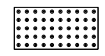

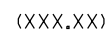

FILE NAME =	USER NAME = awmohammed	DESIGNED - ZJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE) ROADWAY AND PAVEMENT MARKING PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - ZJT	REVISED -			350	461RS-2	COOK	71	20	
		CHECKED - RAG	REVISED -			CONTRACT NO. 62A08					
		DATE - 12/23/2016	REVISED -			ILLINOIS FED. AID PROJECT					
MODELNAME		PLOT DATE = 2/7/2017		SCALE:		SHEET OF SHEETS STA. TO STA.					

EARTH EXCAVATION	2.06	CU YD
TOPSOIL FURNISH AND PLACE, 6"	0	SQ YD
SODDING, SALT TOLERANT	0	SQ YD
PROTECTIVE COAT	2.89	SQ YD
PCC SIDEWALK 5"	212	SQ FT
DETECTABLE WARNINGS	22	SQ FT
SIDEWALK REMOVAL	212	SQ FT
CONCRETE CURB, TYPE B	23	FT
COMB CC&GUTTER REMOV & REPL	29	FT



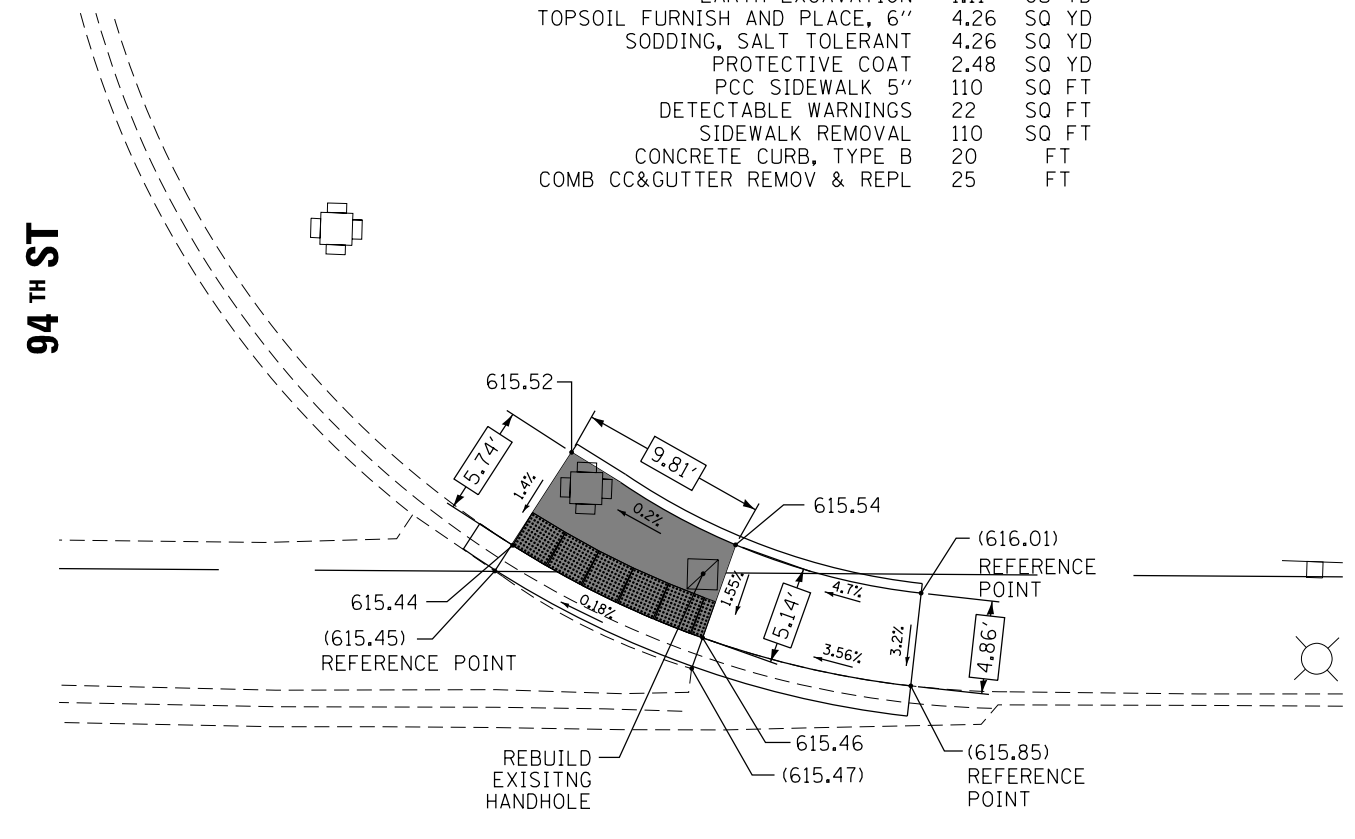
IL ROUTE 50 (CICERO AVE)

LEGEND

-  DETECTABLE WARNING
-  PROPOSED SIDE CURB
-  (XXX.XX) EXISTING ELEVATION / SLOPE
-  TURNING SPACE / LEVEL LANDING



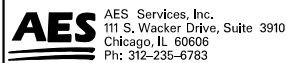
EARTH EXCAVATION	1.11	CU YD
TOPSOIL FURNISH AND PLACE, 6"	4.26	SQ YD
SODDING, SALT TOLERANT	4.26	SQ YD
PROTECTIVE COAT	2.48	SQ YD
PCC SIDEWALK 5"	110	SQ FT
DETECTABLE WARNINGS	22	SQ FT
SIDEWALK REMOVAL	110	SQ FT
CONCRETE CURB, TYPE B	20	FT
COMB CC&GUTTER REMOV & REPL	25	FT



IL ROUTE 50 (CICERO AVE)



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USER NAME = awmohammed	DESIGNED - AWM	REVISED -
	DRAWN - TOM	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 2/7/2017	DATE - 02/08/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 50 (CICERO AVE) & 94TH ST
ADA RAMP DESIGN**

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461R5-2	COOK	71	21
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

CONTROL & BENCHMARK INFORMATION

POINT NO.:	NORTHING	EASTING	ELEVATION	DESCRIPTION	LOCATION
CP #1	1851796.942	1145896.752	620.944	CUT CROSS IN WALK	NE CORNER OF IL 50 & 79TH ST, 50' EAST OF INTERSECTION
CP #2	1851849.269	1145833.988	621.292	CUT CROSS IN WALK	NE CORNER OF IL 50 & 79TH ST, 50' NORTH OF INTERSECTION
BM #100	1851628.593	1145852.695	621.178	CUT CROSS IN WALK	SE CORNER OF IL 50 & 79TH ST, 50' SOUTH OF INTERSECTION
CP #3	1850735.727	1145931.921	621.258	CUT CROSS IN CURB	NE CORNER OF IL 50 & MALL ENTRANCE, 50' EAST OF INTERSECTION
CP #4	1850686.133	1145933.266	620.539	CUT CROSS IN CURB	SE CORNER OF IL 50 & MALL ENTRANCE, 50' SOUTH OF INTERSECTION
BM #101	1850621.852	1145872.146	619.960	CUT CROSS IN CURB	SE CORNER OF IL 50 & MALL ENTRANCE, 50' EAST OF INTERSECTION
CP #5	1849099.639	1145773.287	620.074	CUT CROSS IN WALK	NW CORNER OF IL 50 & 83RD ST, 50' WEST OF INTERSECTION
CP #6	1849161.028	1145825.648	620.351	CUT CROSS IN WALK	NW CORNER OF IL 50 & 83RD ST, 50' NORTH OF INTERSECTION
BM #102	1849042.035	1145774.454	620.258	CUT CROSS IN WALK	SW CORNER OF IL 50 & 83RD ST, 50' WEST OF INTERSECTION
CP #7	1848405.266	1145809.311	620.118	CUT CROSS IN CURB	NW CORNER OF IL 50 & 84TH ST, 50' WEST OF INTERSECTION
CP #8	1848465.788	1145846.58	619.467	CUT CROSS IN WALK	NW CORNER OF IL 50 & 84TH ST, 50' NORTH OF INTERSECTION
BM #103	1848285.242	1145858.194	620.416	CUT CROSS IN WALK	SW CORNER OF IL 50 & 84TH ST, 80' SOUTH OF INTERSECTION
CP #9	1848157.522	1145862.117	619.796	CUT CROSS IN WALK	NW CORNER OF IL 50 & 84TH PL, 50' NORTH OF INTERSECTION
CP #10	1848101.252	1145810.106	619.977	CUT CROSS IN WALK	NW CORNER OF IL 50 & 84TH PL, 50' WEST OF INTERSECTION
CP #11	1847821.99	1145871.808	619.671	CUT CROSS IN WALK	NW CORNER OF IL 50 & 85TH ST, 50' NORTH OF INTERSECTION
CP #12	1847711.253	1145823.218	620.484	CUT CROSS IN WALK	SW CORNER OF IL 50 & 85TH ST, 50' WEST OF INTERSECTION
BM #104	1847624.227	1145879.817	620.004	CUT CROSS IN WALK	SW CORNER OF IL 50 & 85TH ST, 80' SOUTH OF INTERSECTION
CP #13	1847471.496	1145882.112	619.326	CUT CROSS IN WALK	NW CORNER OF IL 50 & 85TH PL, 50' NORTH OF INTERSECTION
CP #14	1847410.085	1145831.389	618.934	CUT CROSS IN WALK	NW CORNER OF IL 50 & 85TH PL, 50' WEST OF INTERSECTION
CP #15	1847088.154	1145839.254	619.711	CUT CROSS IN CURB	NW CORNER OF IL 50 & 86TH ST, 50' WEST OF INTERSECTION
CP #16	1846990.901	1145889.216	619.877	CUT CROSS IN WALK	SW CORNER OF IL 50 & 86TH ST, 50' SOUTH OF INTERSECTION
BM #105	1847060.494	1145841.209	619.556	CUT CROSS IN CURB	SW CORNER OF IL 50 & 86TH ST, 50' WEST OF INTERSECTION
CP #17	1846290.776	1145821.468	621.284	CUT CROSS IN WALK	SW CORNER OF IL 50 & 87TH ST, 50' SOUTH OF INTERSECTION
CP #18	1846352.633	1145761.073	620.681	CUT CROSS IN CURB	SW CORNER OF IL 50 & 87TH ST, 50' WEST OF INTERSECTION
BM #106	1846447.269	1145775.363	620.462	CUT CROSS IN CURB	NW CORNER OF IL 50 & 87TH ST, 50' WEST OF INTERSECTION
CP #19	1845444.164	1145749.764	620.951	CUT CROSS IN CURB	CONC. ISLAND BY NW CORNER OF IL 50 & 88TH ST, 50' WEST OF INTERSECTION
CP #20	1845511.203	1145830.195	621.307	CUT CROSS IN CURB	NW CORNER OF IL 50 & 88TH ST, 50' NORTH OF INTERSECTION
BM #107	1845332.275	1145830.624	621.107	CUT CROSS IN CURB	SW CORNER OF IL 50 & 88TH ST, 50' SOUTH OF INTERSECTION
CP #21	1844524.127	1145946.785	621.438	CUT CROSS IN CURB	NE CORNER OF IL 50 & 90TH ST, 50' NORTH OF INTERSECTION
CP #22	1844381.484	1145872.13	621.128	CUT CROSS IN CURB	SW CORNER OF IL 50 & 90TH ST, 50' SOUTH OF INTERSECTION
BM #108	1844393.48	1145958.631	621.101	CUT CROSS IN WALK	SE CORNER OF IL 50 & 90TH ST, 50' SOUTH OF INTERSECTION
CP #23	1843825.084	1145826.365	619.034	CUT CROSS IN CURB	SW CORNER OF IL 50 & 91ST ST, 50' WEST OF INTERSECTION
CP #24	1843769.245	1145825.498	619.300	CUT CROSS IN CURB	NW CORNER OF IL 50 & 91ST ST, 50' WEST OF INTERSECTION
BM #109	1843646.144	1145886.664	619.752	CUT CROSS IN WALK	SW CORNER OF IL 50 & 91ST ST, 100' SOUTH OF INTERSECTION
CP #25	1843554.803	1145888.767	619.607	CUT CROSS IN WALK	NW CORNER OF IL 50 & 91ST PL, 50' NORTH OF INTERSECTION
CP #26	1843493.91	1145838.433	619.057	CUT CROSS IN WALK	NW CORNER OF IL 50 & 91ST PL, 50' WEST OF INTERSECTION
CP #27	1843158.238	1145847.369	617.695	CUT CROSS IN WALK	NW CORNER OF IL 50 & 92ND ST, 50' WEST OF INTERSECTION
CP #28	1843049.451	1145907.399	618.280	CUT CROSS IN WALK	SW CORNER OF IL 50 & 92ND ST, 50' SOUTH OF INTERSECTION
BM #110	1843100.531	1145850.354	617.500	CUT CROSS IN WALK	SW CORNER OF IL 50 & 92ND ST, 50' WEST OF INTERSECTION
CP #29	1842298.88	1145877.163	618.070	CUT CROSS IN WALK	NW CORNER OF IL 50 & COLUMBUS DR, 50' WEST OF INTERSECTION
CP #30	1842190.842	1145936.365	618.221	CUT CROSS IN WALK	SW CORNER OF IL 50 & COLUMBUS DR, 50' WEST OF INTERSECTION
BM #111	1842222.02	1145882.412	618.139	CUT CROSS IN WALK	SW CORNER OF IL 50 & COLUMBUS DR, 50' SOUTH OF INTERSECTION
CP #31	1841825.705	1145878.196	616.272	CUT CROSS IN CURB	NW CORNER OF IL 50 & 94TH ST, 50' WEST OF INTERSECTION
CP #32	1841902.076	1145941.806	616.307	CUT CROSS IN WALK	NW CORNER OF IL 50 & 94TH ST, 50' NORTH OF INTERSECTION
BM #112	1841905.134	1145994.856	617.048	CUT CROSS IN MEDIAN	MEDIAN NORTH OF IL 50 & 94TH ST, 50' NORTH OF INTERSECTION
CP #33	1850438.48	1145926.002	619.988	CUT CROSS IN WALK	NE CORNER OF IL 50 & 80TH ST, 50' NORTH OF INTERSECTION
CP #34	1850526.878	1145880.752	620.263	CUT CROSS IN MEDIAN	SE CORNER OF IL 50 & 80TH ST, 50' EAST OF INTERSECTION

STATION COORDINATES

STATION	OFFSET	NORTHING	EASTING
STA 13+00	0.00	1841779.62	1146003.78
STA 18+00	0.00	1842279.02	1145982.62
STA 26+00	0.00	1843078.79	1145958.70
STA 30+00	0.00	1843478.61	1145946.83
STA 33+00	0.00	1843778.47	1145937.72
STA 40+00	0.00	1844478.14	1145916.21
STA 50+00	0.00	1845477.69	1145886.14
STA 59+00	0.00	1846376.54	1145910.68
STA 66+00	0.00	1847075.03	1145948.74
STA 69+00	0.00	1847374.89	1145939.93
STA 73+00	0.00	1847774.69	1145927.01
STA 75+00	0.00	1847974.58	1145920.56
STA 79+00	0.00	1848374.37	1145907.64
STA 86+00	0.00	1849074.01	1145885.05
STA 100+00	0.00	1850473.28	1145839.85
STA 102+00	0.00	1850673.17	1145833.39
STA 113+00	0.00	1851772.60	1145797.88

HORIZONTAL CONTROL: ILLINOIS STATE PLANE EAST ZONE (NAD83)
 VERTICAL CONTROL DATUM: NAVD 88



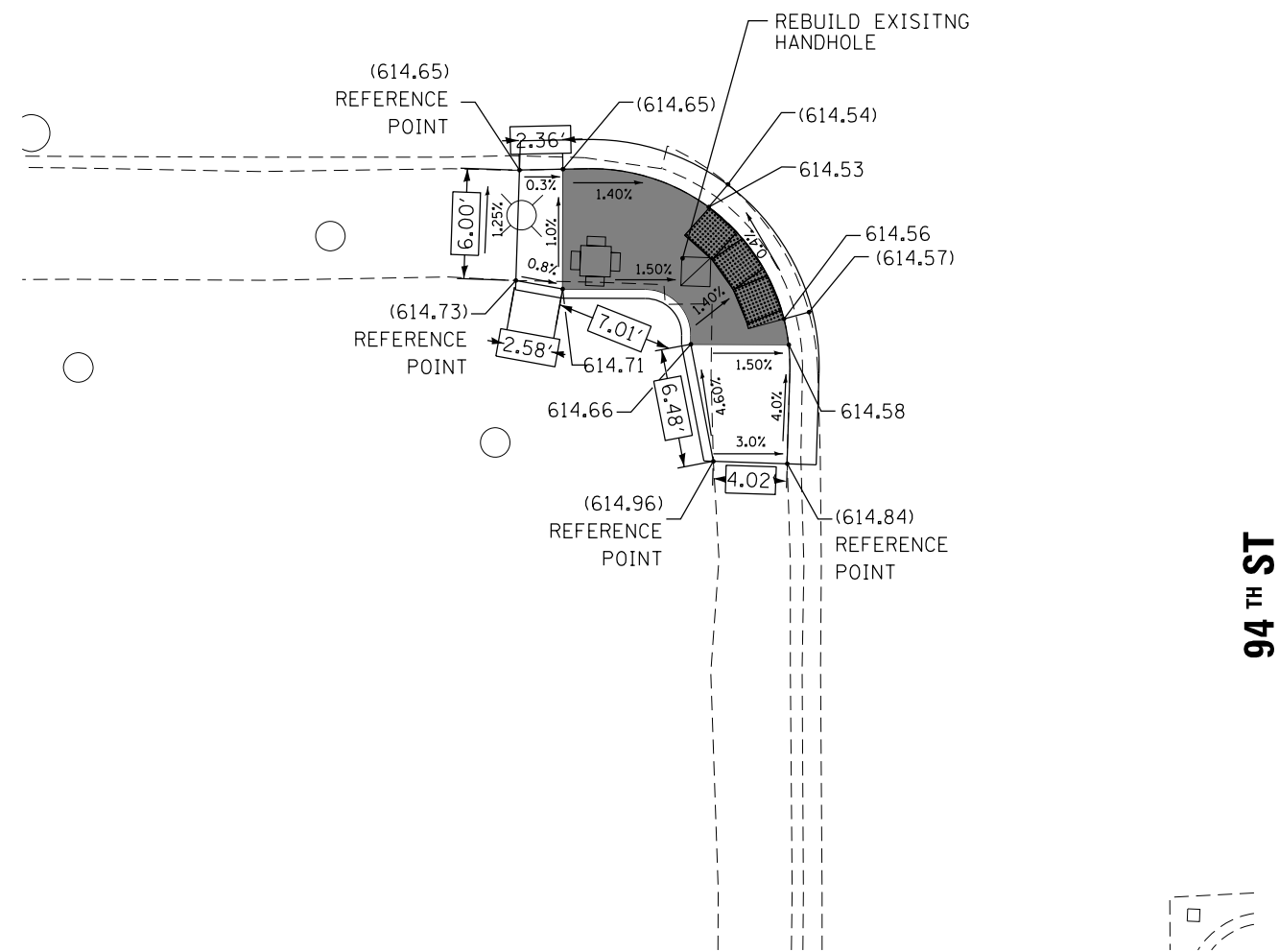
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PLOT DATE = 2/7/2017	DATE - 02/08/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONTROL AND BENCHMARKS - SHEET 1 OF 1 S IL 50 AVE FROM W 79TH ST TO W 94TH ST			
SCALE NONE	SHEET 1 OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	21A
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

IL ROUTE 50 (CICERO AVE)



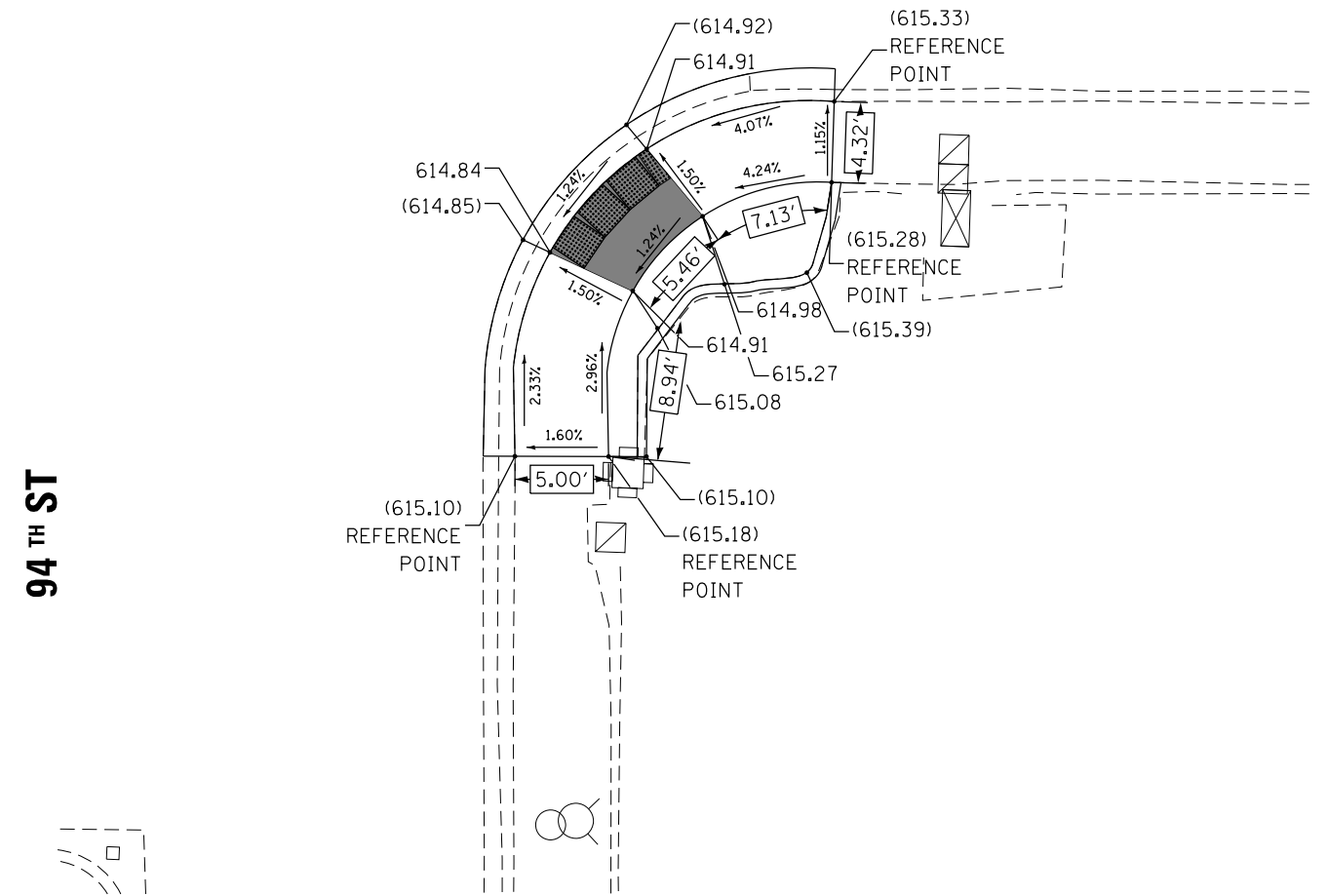
94TH ST

LEGEND

	DETECTABLE WARNING	EARTH EXCAVATION	1.19	CU	YD
	PROPOSED SIDE CURB	TOPSOIL FURNISH AND PLACE, 6"	3.49	SQ	YD
(XXX.XX)	EXISTING ELEVATION / SLOPE	SODDING, SALT TOLERANT	3.49	SQ	YD
	TURNING SPACE / LEVEL LANDING	PROTECTIVE COAT	2.78	SQ	YD
		PCC SIDEWALK 5"	119	SQ	FT
		DETECTABLE WARNINGS	14	SQ	FT
		SIDEWALK REMOVAL	119	SQ	FT
		CONCRETE CURB, TYPE B	17.5	FT	
		COMB CC&GUTTER REMOV & REPL	29.5	FT	



IL ROUTE 50 (CICERO AVE)



94TH ST

EARTH EXCAVATION	1.73	CU	YD
TOPSOIL FURNISH AND PLACE, 6"	5.04	SQ	YD
SODDING, SALT TOLERANT	5.04	SQ	YD
PROTECTIVE COAT	2.81	SQ	YD
PCC SIDEWALK 5"	176	SQ	FT
DETECTABLE WARNINGS	14	SQ	FT
SIDEWALK REMOVAL	176	SQ	FT
CONCRETE CURB, TYPE B	21.5	FT	
COMB CC&GUTTER REMOV & REPL	29	FT	



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Chicago, IL 60606
Ph: 312-235-6783

USER NAME = awmohammed	DESIGNED - AWM	REVISED -
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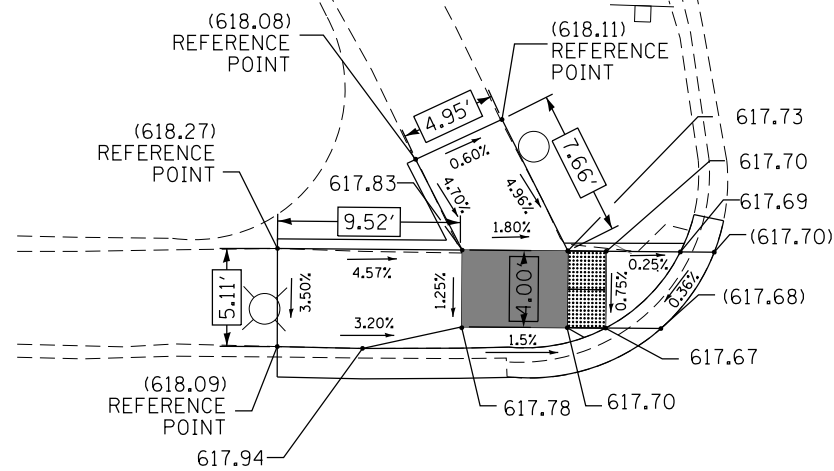
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 50 (CICERO AVE) & 94TH ST
ADA RAMP DESIGN**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	22
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				



COLUMBUS DR



IL ROUTE 50 (CICERO AVE)

LEGEND



DETECTABLE WARNING



PROPOSED SIDE CURB

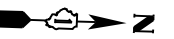


EXISTING ELEVATION / SLOPE

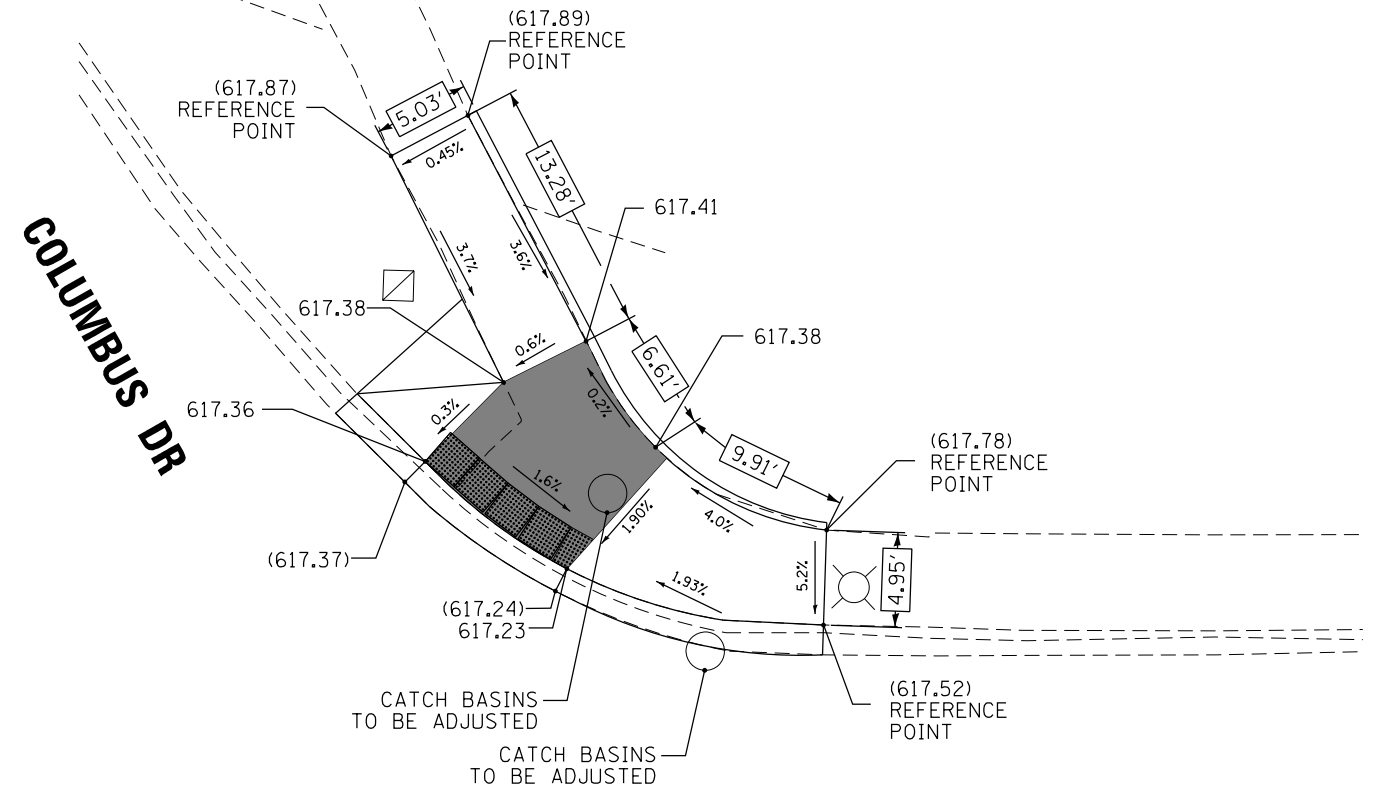


TURNING SPACE / LEVEL LANDING

EARTH EXCAVATION	1.27	CU YD
TOPSOIL FURNISH AND PLACE, 6"	3.6	SQ YD
SODDING, SALT TOLERANT	3.6	SQ YD
PROTECTIVE COAT	2.44	SQ YD
PCC SIDEWALK 5"	127	SQ FT
DETECTABLE WARNINGS	8	SQ FT
SIDEWALK REMOVAL	127	SQ FT
CONCRETE CURB, TYPE B	16	FT
COMB CC&GUTTER REMOV & REPL	28	FT



COLUMBUS DR

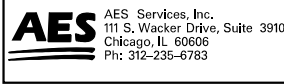


IL ROUTE 50 (CICERO AVE)

EARTH EXCAVATION	2.38	CU YD
TOPSOIL FURNISH AND PLACE, 6"	6.37	SQ YD
SODDING, SALT TOLERANT	6.37	SQ YD
PROTECTIVE COAT	3.31	SQ YD
PCC SIDEWALK 5"	243	SQ FT
DETECTABLE WARNINGS	16	SQ FT
SIDEWALK REMOVAL	243	SQ FT
CONCRETE CURB, TYPE B	30	FT
COMB CC&GUTTER REMOV & REPL	29.5	FT



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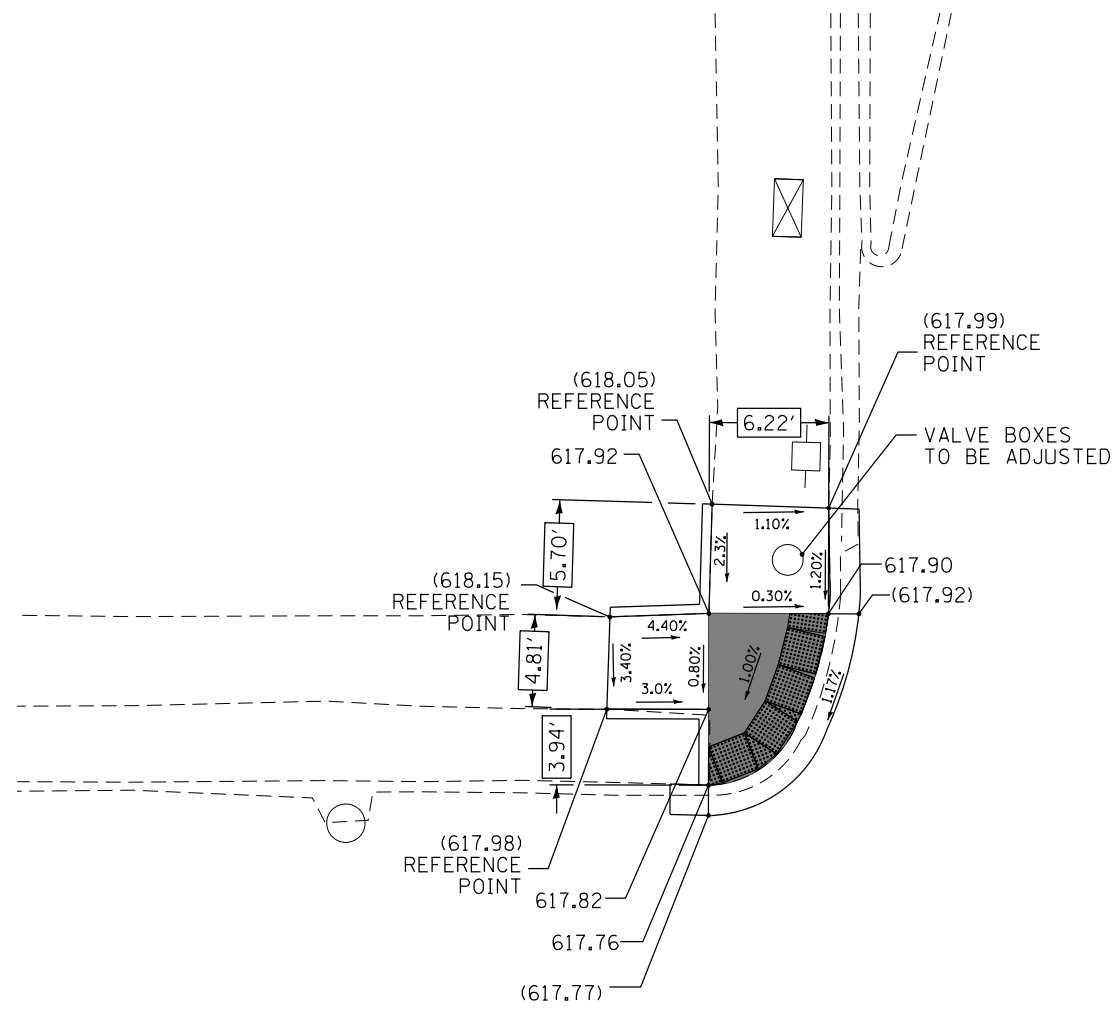
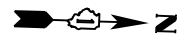
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVE) & COLUMBUS DR
ADA RAMP DESIGN

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	23
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				



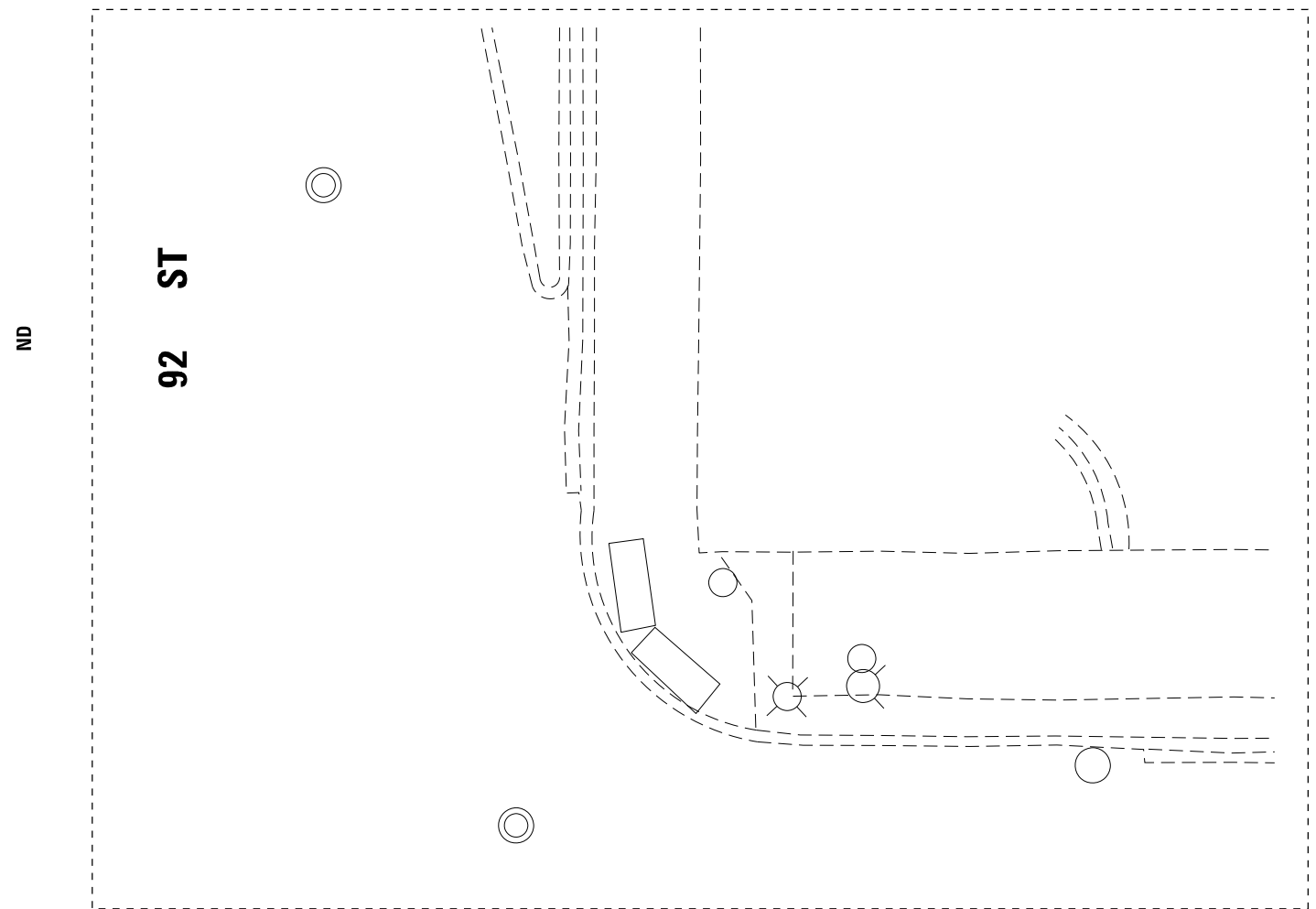
IL ROUTE 50 (CICERO AVE)

92ND ST

LEGEND

-  DETECTABLE WARNING
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION / SLOPE
-  TURNING SPACE / LEVEL LANDING

EARTH EXCAVATION	1.04	CU YD
TOPSOIL FURNISH AND PLACE, 6"	0	SQ YD
SODDING, SALT TOLERANT	0	SQ YD
PROTECTIVE COAT	2.22	SQ YD
PCC SIDEWALK 5"	102	SQ FT
DETECTABLE WARNINGS	24	SQ FT
SIDEWALK REMOVAL	102	SQ FT
CONCRETE CURB, TYPE B	18.5	FT
COMB CC&GUTTER REMOV & REPL	22	FT



IL ROUTE 50 (CICERO AVE)

NEW RAMP



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Chicago, IL 60606
Ph: 312-235-6783

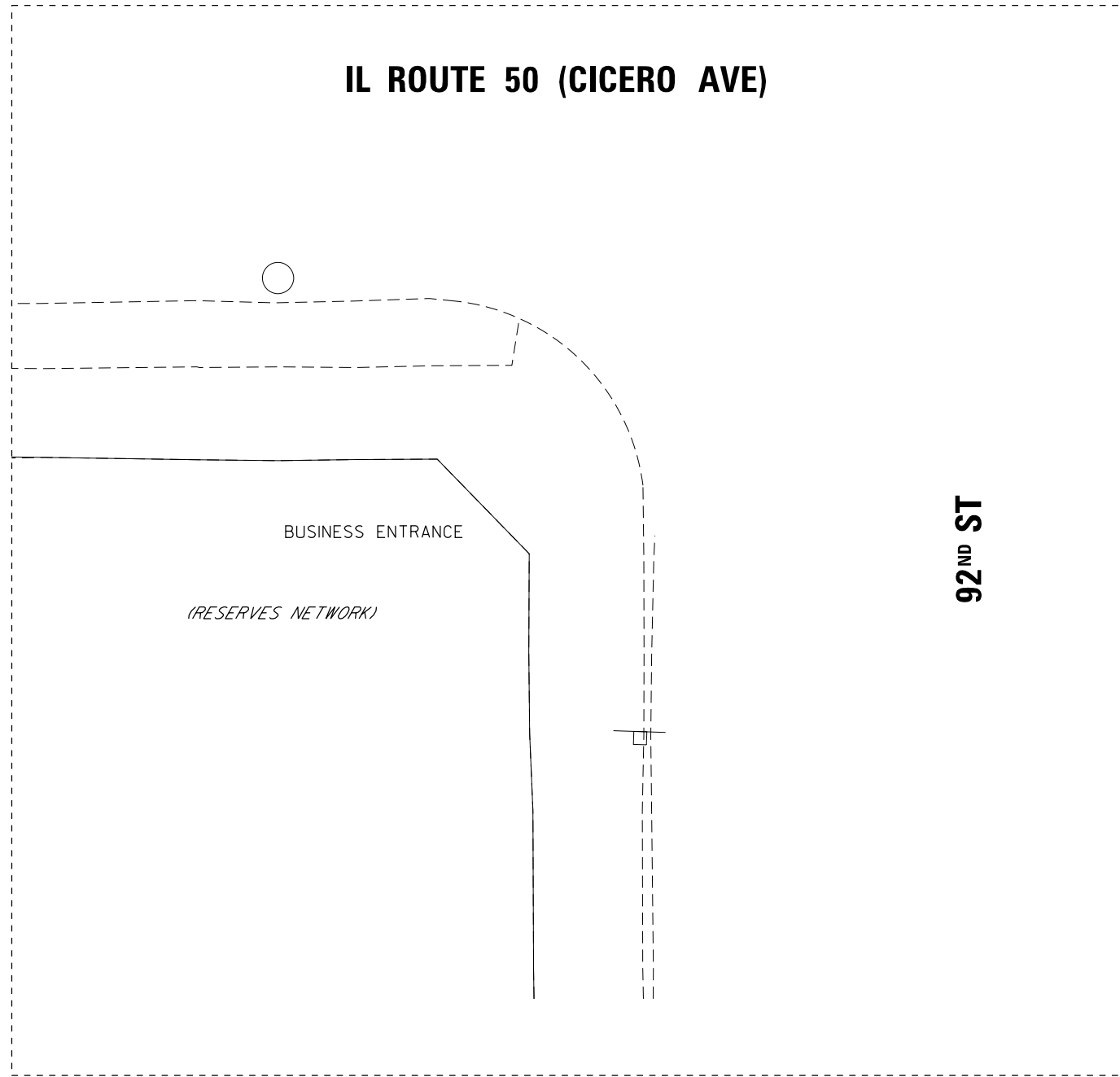
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PLOT SCALE = 10.0000' / in.	DATE - 02/08/2017	REVISED -
PLOT DATE = 2/7/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 50 (CICERO AVE) & 92ND ST ADA RAMP DESIGN			
SCALE	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	24
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				




IL ROUTE 50 (CICERO AVE)



92ND ST

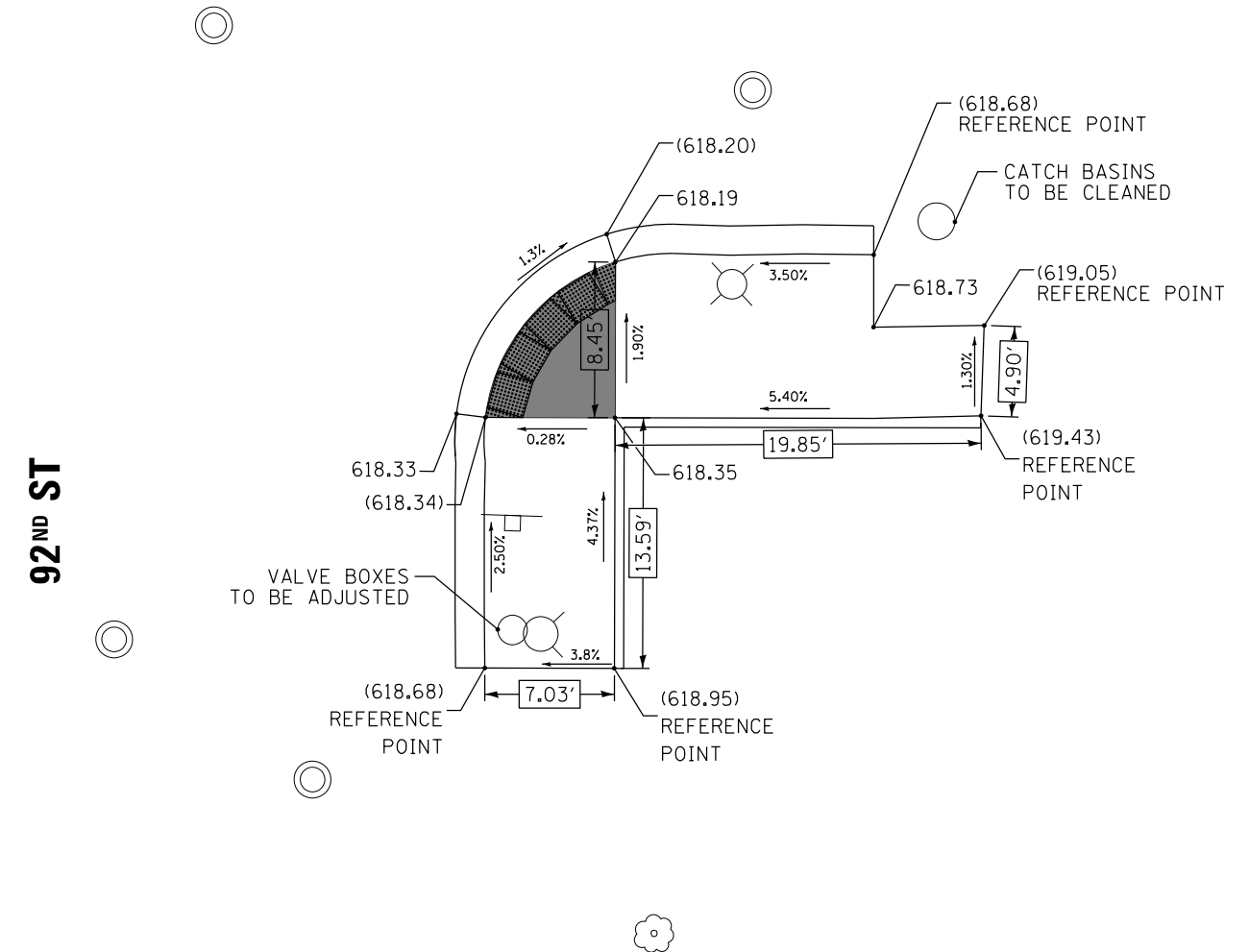
MEP REQUIRED

LEGEND

-  DETECTABLE WARNING
-  PROPOSED SIDE CURB
- (XXX.XX) EXISTING ELEVATION / SLOPE
-  TURNING SPACE / LEVEL LANDING



IL ROUTE 50 (CICERO AVE)



92ND ST

EARTH EXCAVATION	2.84	CU YD
TOPSOIL FURNISH AND PLACE, 6"	6.78	SQ YD
SODDING, SALT TOLERANT	6.78	SQ YD
PROTECTIVE COAT	4.19	SQ YD
PCC SIDEWALK 5"	289	SQ FT
DETECTABLE WARNINGS	20	SQ FT
SIDEWALK REMOVAL	289	SQ FT
CONCRETE CURB, TYPE B	34	FT
COMB CC&GUTTER REMOV & REPL	42	FT



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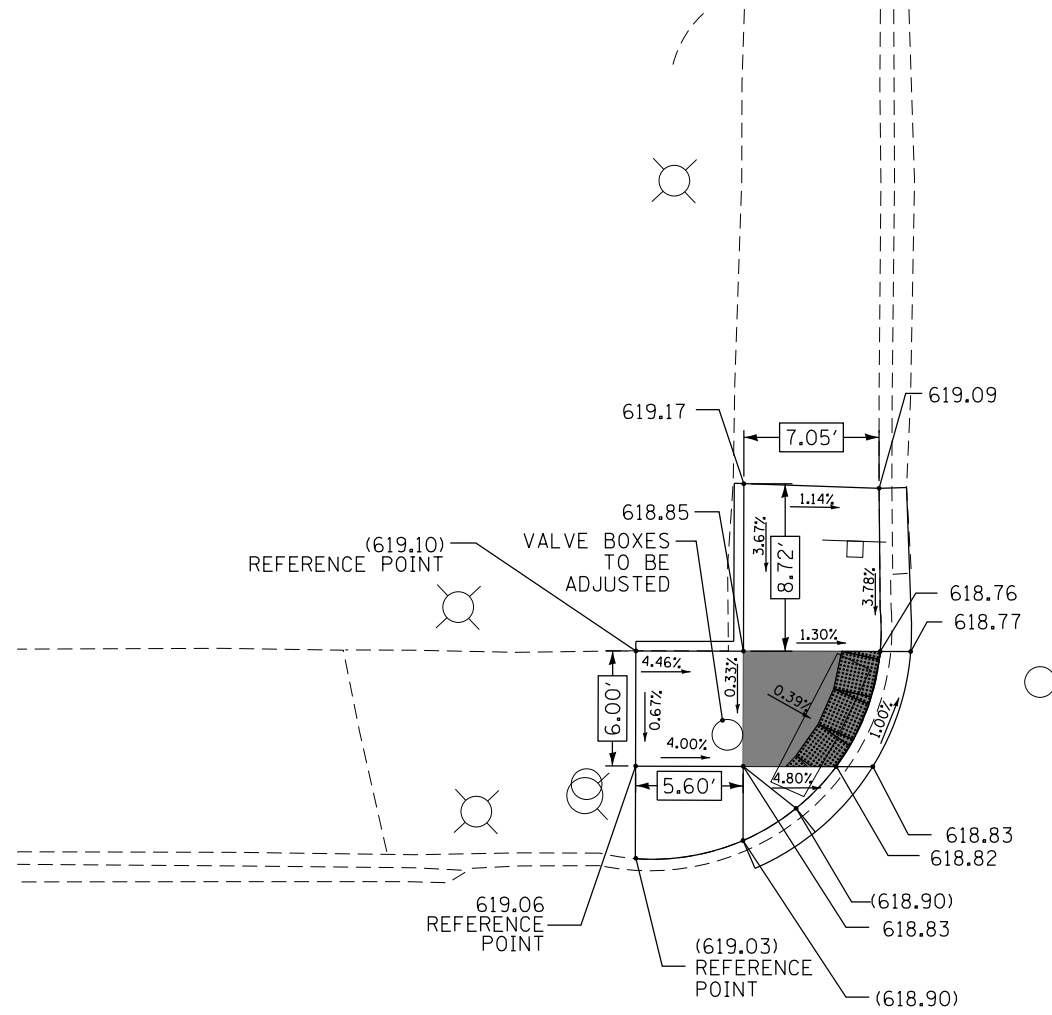
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVE) & 92 TH ST			
ADA RAMP DESIGN			
SCALE	SHEET	OF SHEETS	STA. TO STA.




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62A08				
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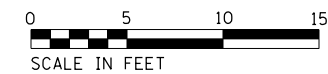


91ST PL

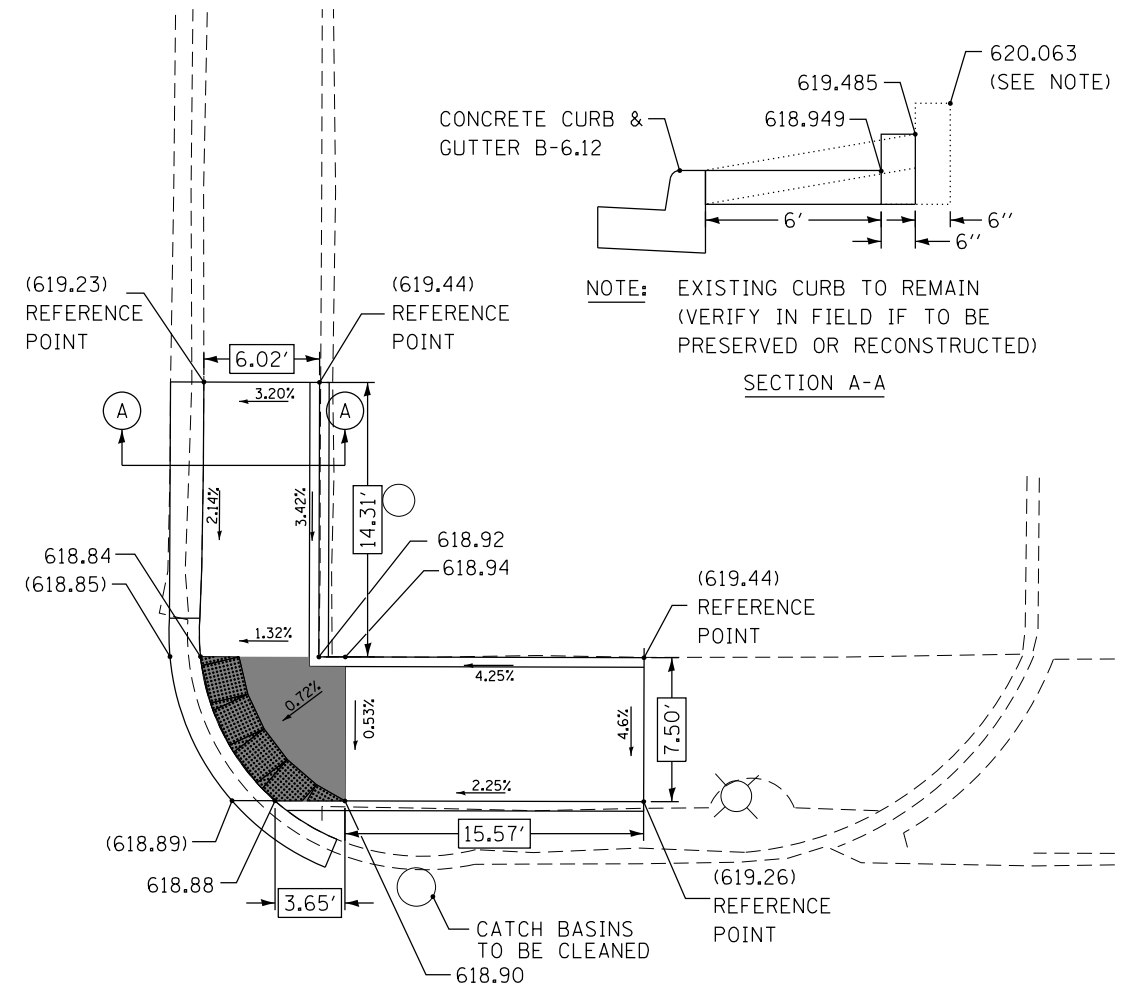
IL ROUTE 50 (CICERO AVE)

LEGEND

	DETECTABLE WARNING	EARTH EXCAVATION	2.27	CU YD
	PROPOSED SIDE CURB	TOPSOIL FURNISH AND PLACE, 6"	3.67	SQ YD
(XXX.XX)	EXISTING ELEVATION / SLOPE	SODDING, SALT TOLERANT	3.67	SQ YD
	TURNING SPACE / LEVEL LANDING	PROTECTIVE COAT	2.47	SQ YD
		PCC SIDEWALK 5"	234	SQ FT
		DETECTABLE WARNINGS	16	SQ FT
		SIDEWALK REMOVAL	234	SQ FT
		CONCRETE CURB, TYPE B	24	FT
		COMB CC&GUTTER REMOV & REPL	24	FT



91ST PL

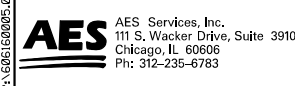


IL ROUTE 50 (CICERO AVE)

EARTH EXCAVATION	2.56	CU YD
TOPSOIL FURNISH AND PLACE, 6"	9.67	SQ YD
SODDING, SALT TOLERANT	9.67	SQ YD
PROTECTIVE COAT	4.42	SQ YD
PCC SIDEWALK 5"	251	SQ FT
DETECTABLE WARNINGS	20	SQ FT
SIDEWALK REMOVAL	251	SQ FT
CONCRETE CURB, TYPE B	29	FT
COMB CC&GUTTER REMOV & REPL	29	FT



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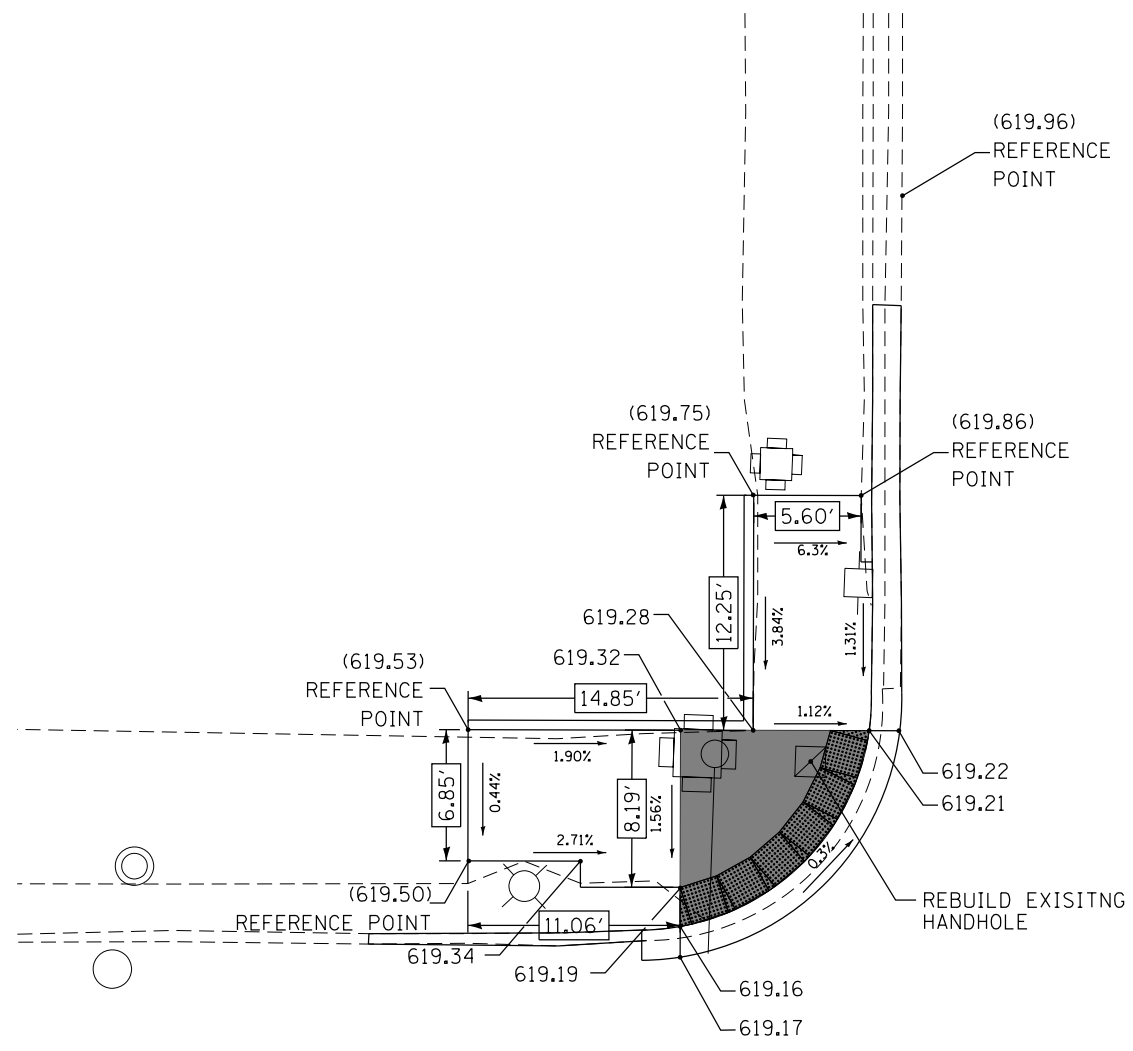
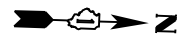
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 50 (CICERO AVE) & 91ST PL
ADA RAMP DESIGN**

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	26
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

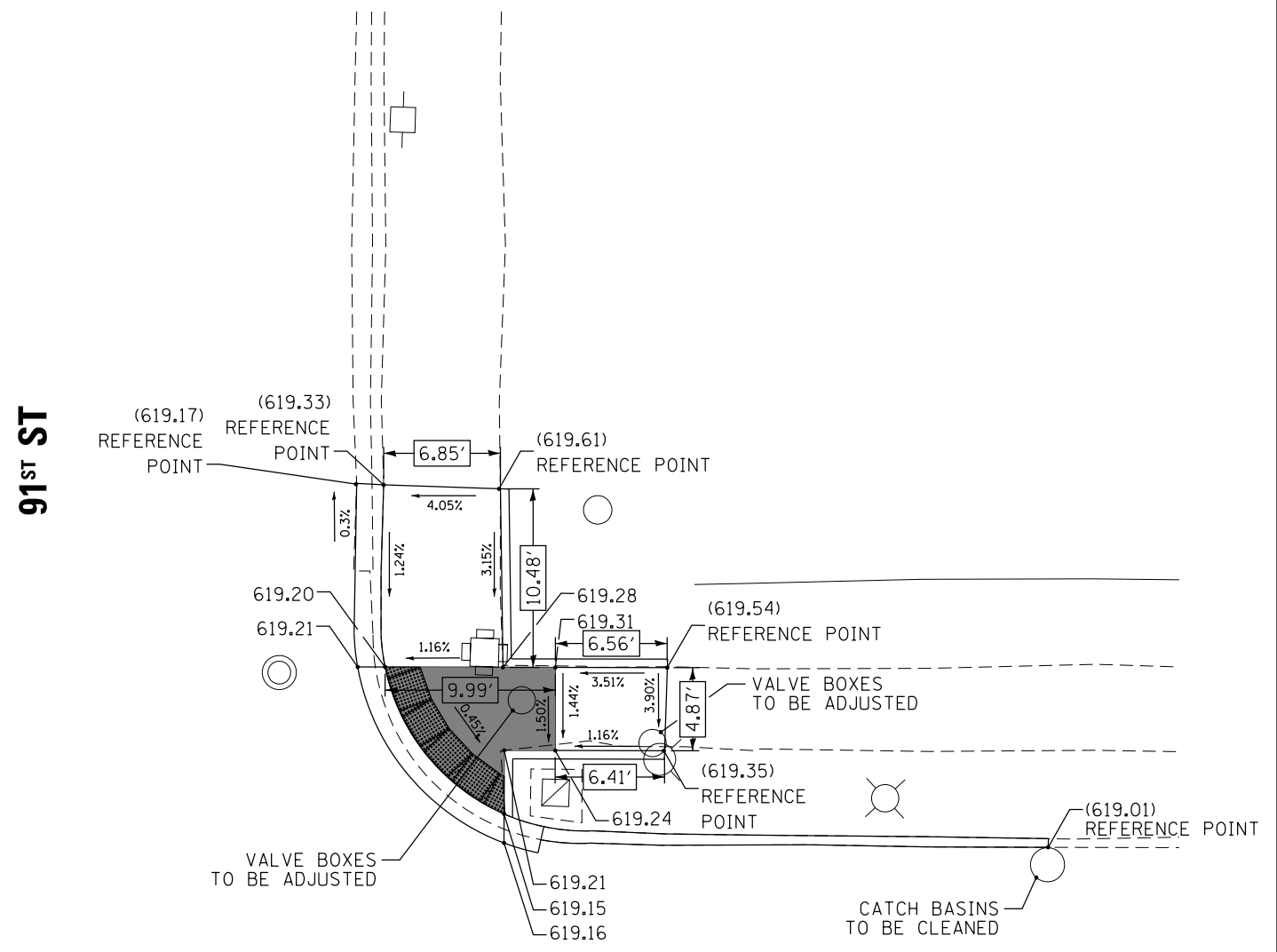


91ST ST

IL ROUTE 50 (CICERO AVE)

LEGEND

	DETECTABLE WARNING	EARTH EXCAVATION	2.25	CU YD
	PROPOSED SIDE CURB	TOPSOIL FURNISH AND PLACE, 6"	5.33	SQ YD
(XXX.XX)	EXISTING ELEVATION / SLOPE	SODDING, SALT TOLERANT	5.33	SQ YD
	TURNING SPACE / LEVEL LANDING	PROTECTIVE COAT	3.81	SQ YD
		PCC SIDEWALK 5"	228	SQ FT
		DETECTABLE WARNINGS	28	SQ FT
		SIDEWALK REMOVAL	228	SQ FT
		CONCRETE CURB, TYPE B	26.5	FT
		COMB CC&GUTTER REMOV & REPL	42	FT



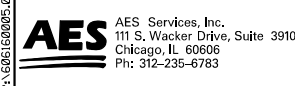
91ST ST

IL ROUTE 50 (CICERO AVE)

EARTH EXCAVATION	1.63	CU YD
TOPSOIL FURNISH AND PLACE, 6"	6.22	SQ YD
SODDING, SALT TOLERANT	6.22	SQ YD
PROTECTIVE COAT	3.36	SQ YD
PCC SIDEWALK 5"	160	SQ FT
DETECTABLE WARNINGS	20	SQ FT
SIDEWALK REMOVAL	160	SQ FT
CONCRETE CURB, TYPE B	33.5	FT
COMB CC&GUTTER REMOV & REPL	27	FT



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USER NAME = awmohammed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISIONS -	
PLOT SCALE = 10.0000' / 1"	CHECKED - JA	REVISED -
PLOT DATE = 2/7/2017	DATE - 02/08/2017	REVISED -

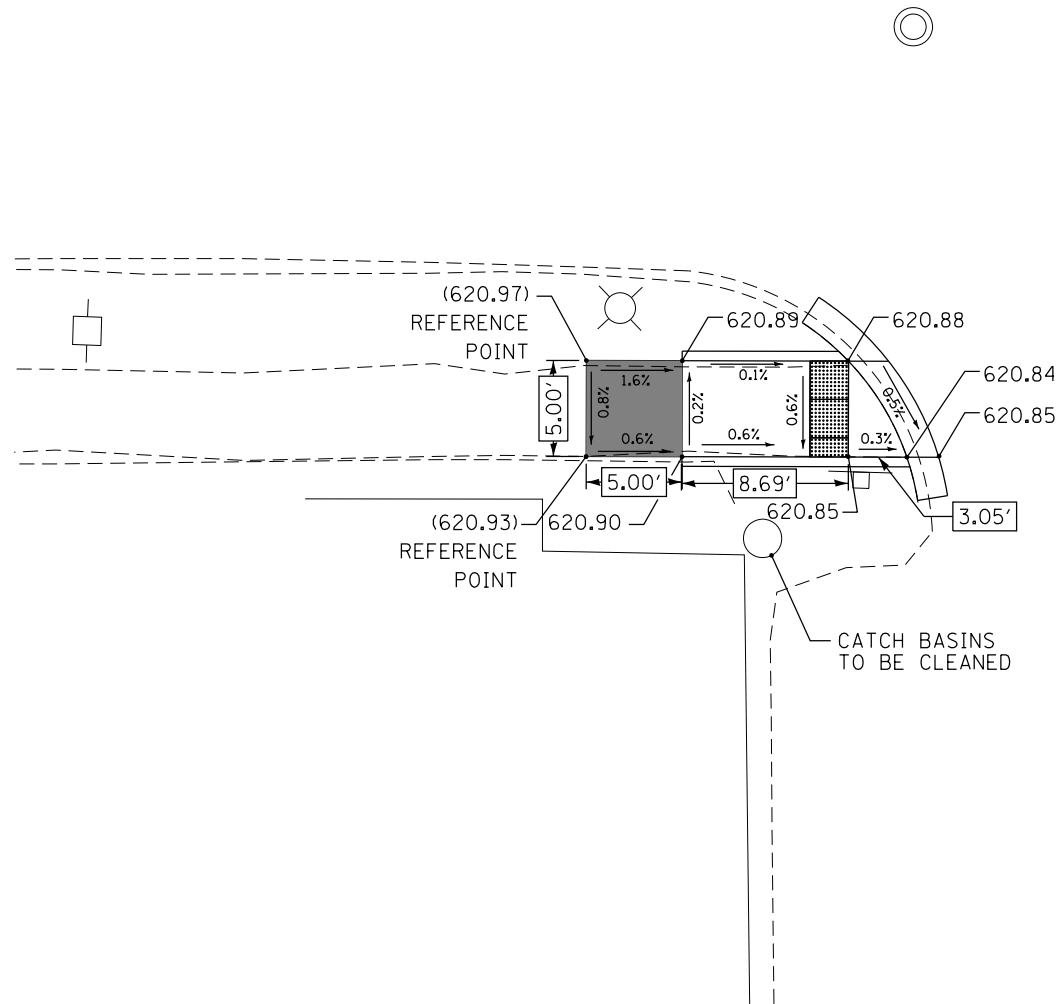
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 50 (CICERO AVE) & 91ST ST
ADA RAMP DESIGN**

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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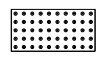
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	27
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

IL ROUTE 50 (CICERO AVE)

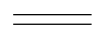


90TH ST

LEGEND



DETECTABLE WARNING



PROPOSED SIDE CURB

(XXX.XX)

EXISTING ELEVATION / SLOPE

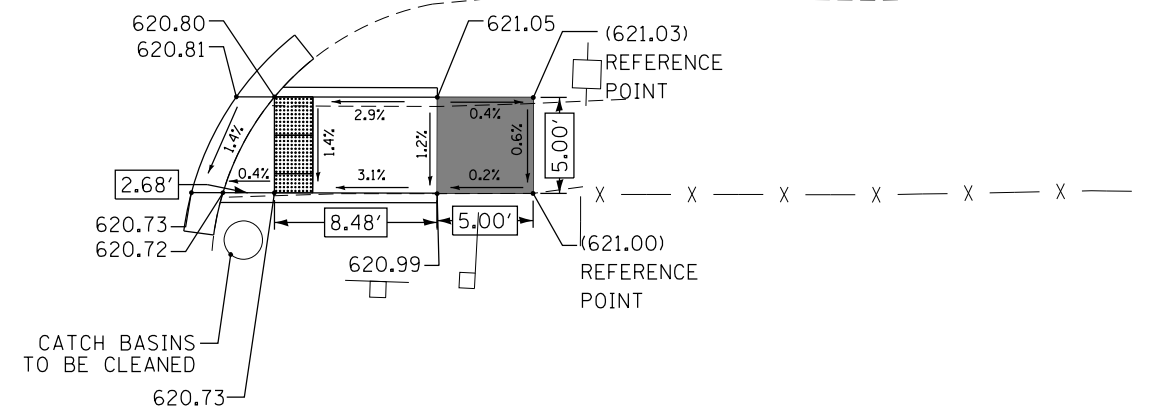


TURNING SPACE / LEVEL LANDING

EARTH EXCAVATION	0.81	CU YD
TOPSOIL FURNISH AND PLACE, 6"	2.89	SQ YD
SODDING, SALT TOLERANT	2.89	SQ YD
PROTECTIVE COAT	1.86	SQ YD
PCC SIDEWALK 5"	77	SQ FT
DETECTABLE WARNINGS	26	SQ FT
SIDEWALK REMOVAL	77	SQ FT
CONCRETE CURB, TYPE B	13	FT
COMB CC&GUTTER REMOV & REPL	13	FT



IL ROUTE 50 (CICERO AVE)

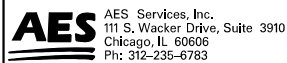


90TH ST

EARTH EXCAVATION	0.79	CU YD
TOPSOIL FURNISH AND PLACE, 6"	3.78	SQ YD
SODDING, SALT TOLERANT	3.78	SQ YD
PROTECTIVE COAT	1.78	SQ YD
PCC SIDEWALK 5"	75	SQ FT
DETECTABLE WARNINGS	34	SQ FT
SIDEWALK REMOVAL	75	SQ FT
CONCRETE CURB, TYPE B	19.5	FT
COMB CC&GUTTER REMOV & REPL	12	FT



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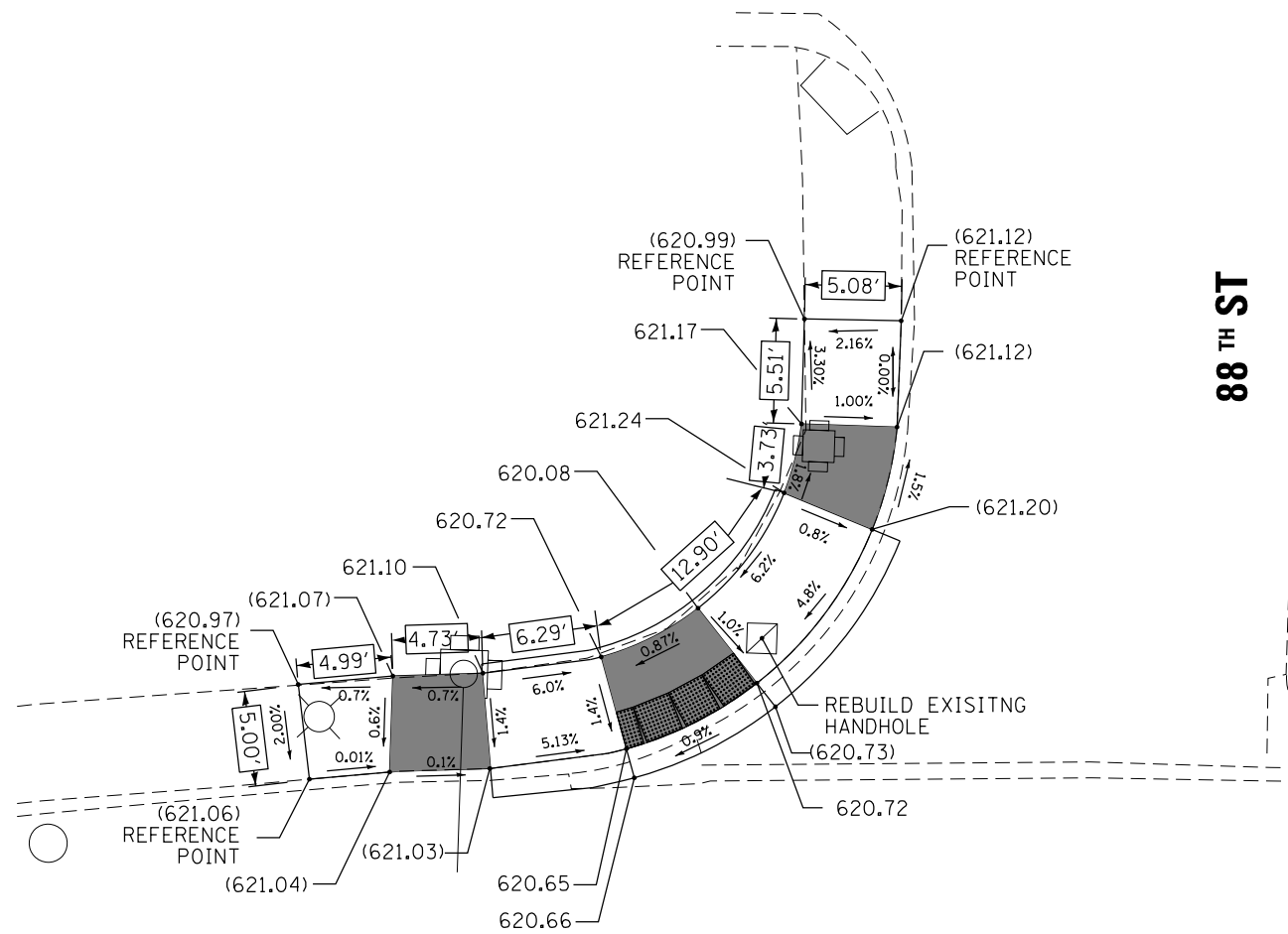
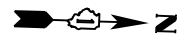
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DRAWN - TOM	REVISIONS -	
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PLOT DATE = 2/7/2017	DATE - 02/08/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVE) & 90TH ST
ADA RAMP DESIGN

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	29
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

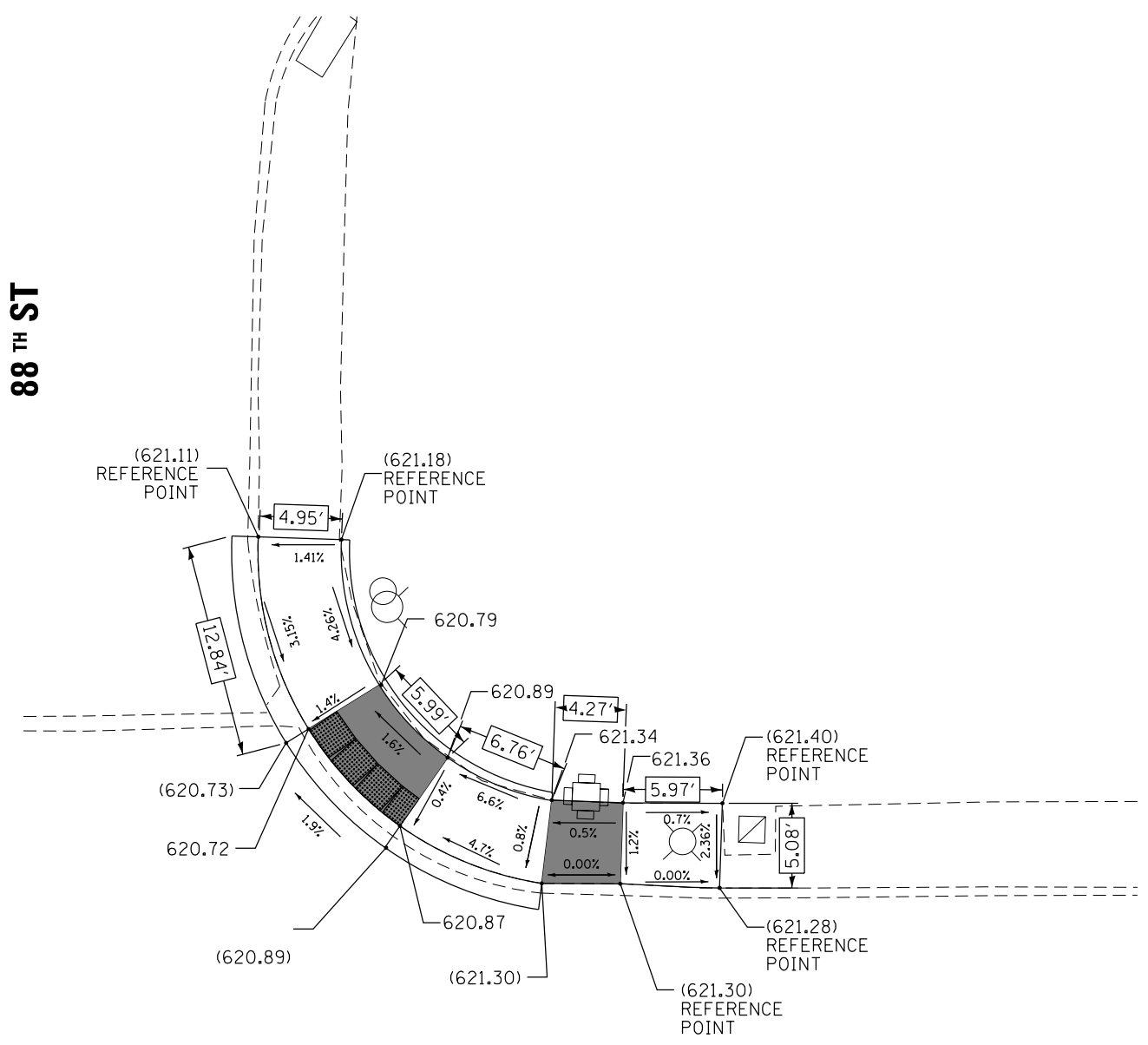


88TH ST

IL ROUTE 50 (CICERO AVE)

LEGEND

	DETECTABLE WARNING	EARTH EXCAVATION	2.05	CU YD
	PROPOSED SIDE CURB	TOPSOIL FURNISH AND PLACE, 6"	8	SQ YD
(XXX.XX)	EXISTING ELEVATION / SLOPE	SODDING, SALT TOLERANT	8	SQ YD
	TURNING SPACE / LEVEL LANDING	PROTECTIVE COAT	2.58	SQ YD
		PCC SIDEWALK 5"	211	SQ FT
		DETECTABLE WARNINGS	16	SQ FT
		SIDEWALK REMOVAL	211	SQ FT
		CONCRETE CURB, TYPE B	19.5	FT
		COMB CC&GUTTER REMOV & REPL	27	FT



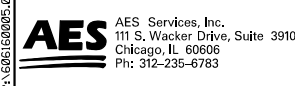
88TH ST

IL ROUTE 50 (CICERO AVE)

EARTH EXCAVATION	1.78	CU YD
TOPSOIL FURNISH AND PLACE, 6"	6.67	SQ YD
SODDING, SALT TOLERANT	6.67	SQ YD
PROTECTIVE COAT	2.97	SQ YD
PCC SIDEWALK 5"	181	SQ FT
DETECTABLE WARNINGS	16	SQ FT
SIDEWALK REMOVAL	181	SQ FT
CONCRETE CURB, TYPE B	21.5	FT
COMB CC&GUTTER REMOV & REPL	32	FT



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USER NAME = awmohammed	DESIGNED - AWM	REVISED - _____
DRAWN - TOM	CHECKED - JA	REVISED - _____
PLOT SCALE = 10.0000' / in.	DATE - 02/08/2017	REVISED - _____
PLOT DATE = 2/7/2017		

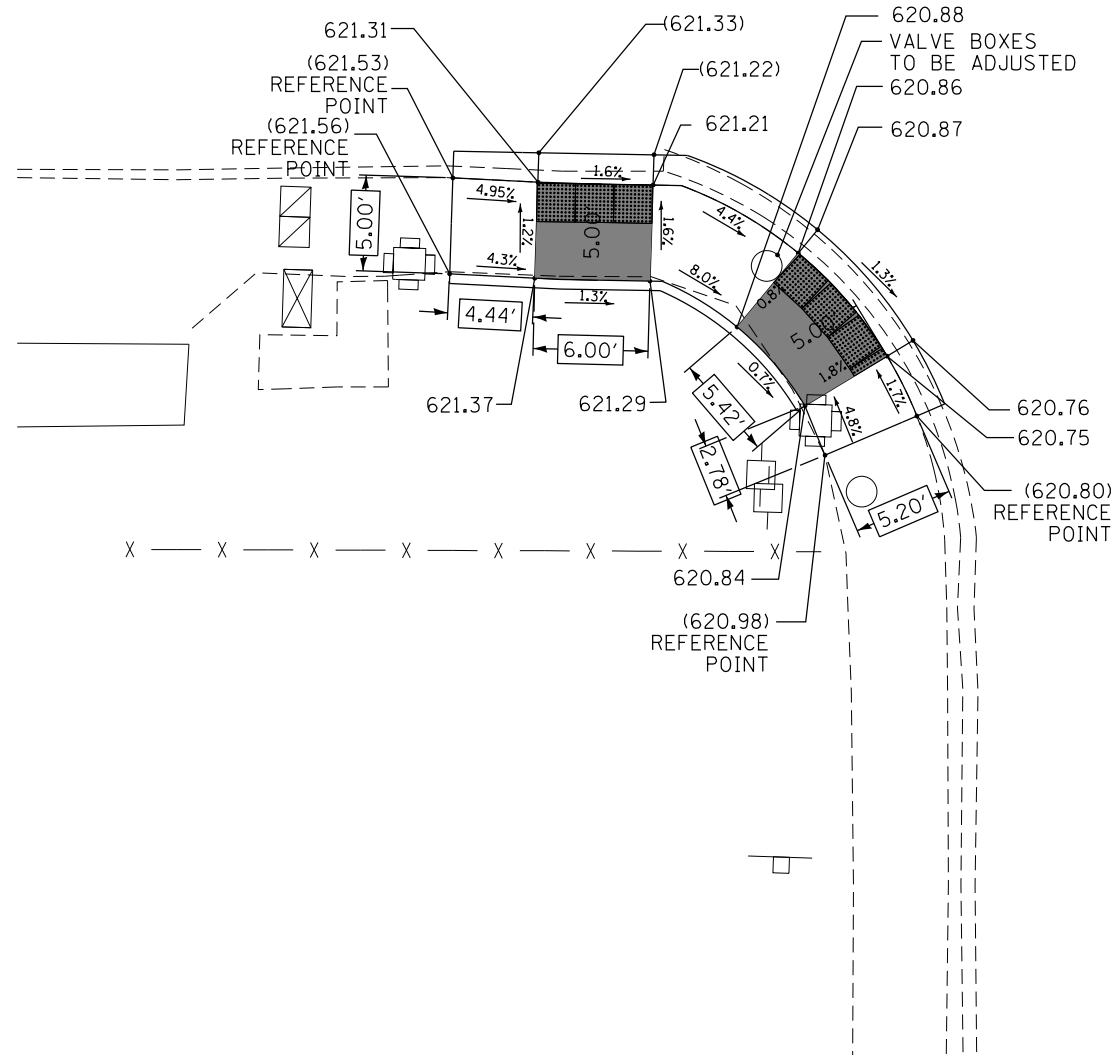
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 50 (CICERO AVE) & 88TH ST
ADA RAMP DESIGN**

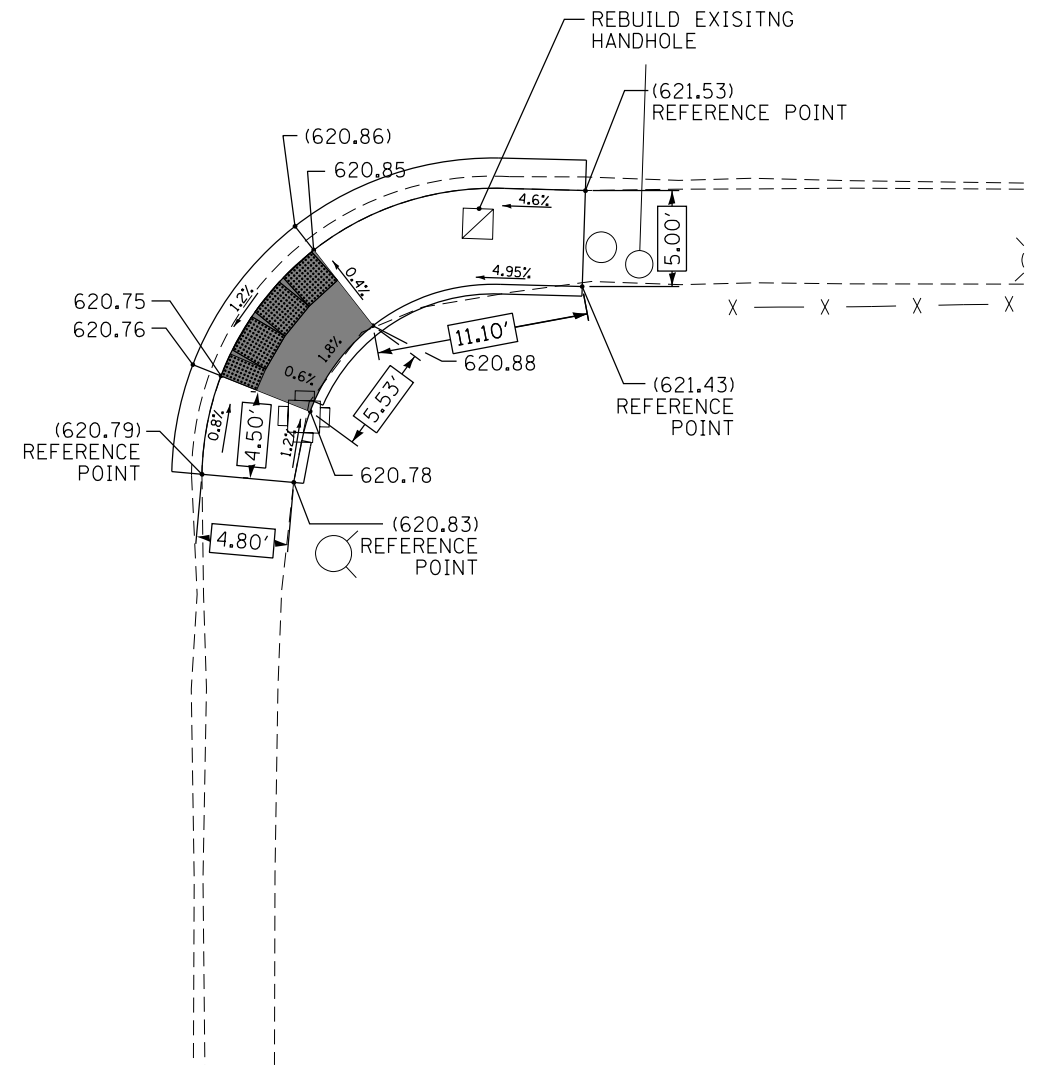
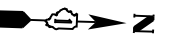
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	30
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

IL ROUTE 50 (CICERO AVE)



IL ROUTE 50 (CICERO AVE)



LEGEND



DETECTABLE WARNING



PROPOSED SIDE CURB

(XXX.XX)

EXISTING ELEVATION / SLOPE



TURNING SPACE / LEVEL LANDING

EARTH EXCAVATION	1.33	CU YD
TOPSOIL FURNISH AND PLACE, 6"	4.78	SQ YD
SODDING, SALT TOLERANT	4.78	SQ YD
PROTECTIVE COAT	2.94	SQ YD
PCC SIDEWALK 5"	134	SQ FT
DETECTABLE WARNINGS	28	SQ FT
SIDEWALK REMOVAL	134	SQ FT
CONCRETE CURB, TYPE B	21.5	FT
COMB CC&GUTTER REMOV & REPL	31.5	FT



EARTH EXCAVATION	1.21	CU YD
TOPSOIL FURNISH AND PLACE, 6"	4	SQ YD
SODDING, SALT TOLERANT	4	SQ YD
PROTECTIVE COAT	2.78	SQ YD
PCC SIDEWALK 5"	122	SQ FT
DETECTABLE WARNINGS	16	SQ FT
SIDEWALK REMOVAL	122	SQ FT
CONCRETE CURB, TYPE B	19	FT
COMB CC&GUTTER REMOV & REPL	31	FT



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AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

USER NAME = awmohammed	DESIGNED - AWM	REVISED - _____
DRAWN - TOM	CHECKED - JA	REVISED - _____
PLOT SCALE = 10.0000' / 1"	DATE - 02/08/2017	REVISED - _____
PLOT DATE = 2/7/2017		

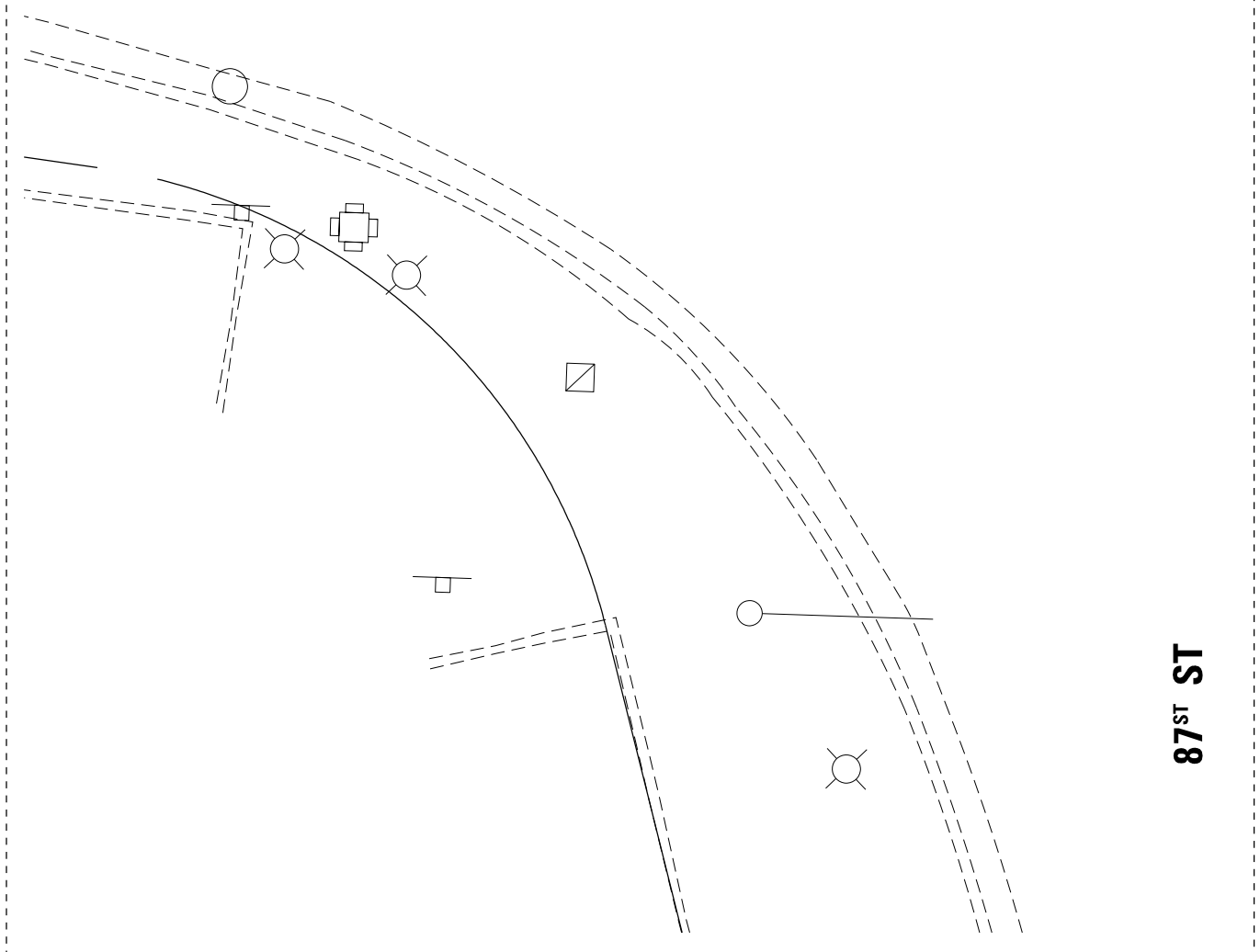
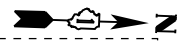
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVE) & 88TH ST
ADA RAMP DESIGN

SCALE _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	31
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				




IL ROUTE 50 (CICERO AVE)



87ST ST

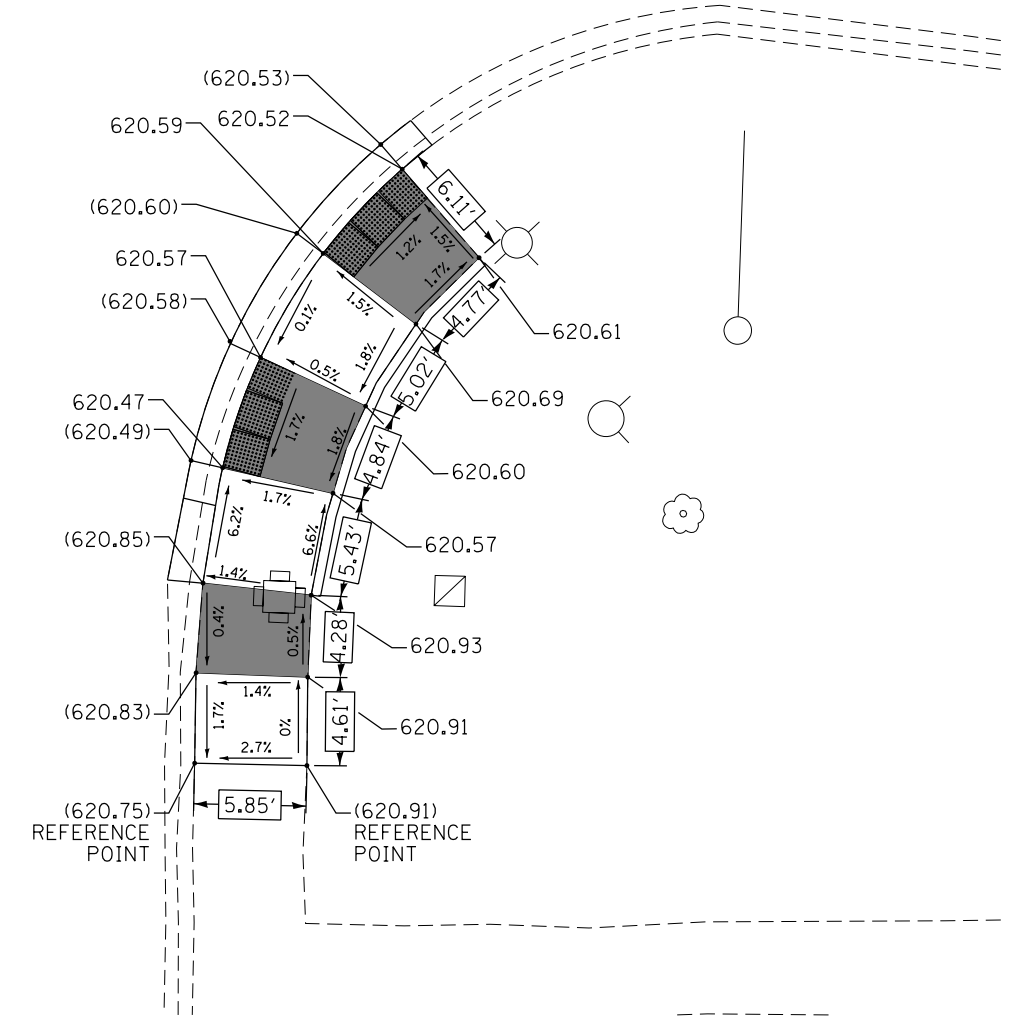
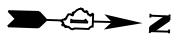
MEP REQUIRED

LEGEND

-  DETECTABLE WARNING
-  PROPOSED SIDE CURB
- (XXX.XX) EXISTING ELEVATION / SLOPE
-  TURNING SPACE / LEVEL LANDING



IL ROUTE 50 (CICERO AVE)



87ST ST

EARTH EXCAVATION	1.81	CU YD
TOPSOIL FURNISH AND PLACE, 6"	6.22	SQ YD
SODDING, SALT TOLERANT	6.22	SQ YD
PROTECTIVE COAT	2.67	SQ YD
PCC SIDEWALK 5"	186	SQ FT
DETECTABLE WARNINGS	12	SQ FT
SIDEWALK REMOVAL	186	SQ FT
CONCRETE CURB, TYPE B	20	FT
COMB CC&GUTTER REMOV & REPL	28	FT



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AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

USER NAME = awmohammed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISOR -	
PLOT SCALE = 10.0000" / 1"	CHECKED - JA	REVISOR -
PLOT DATE = 2/7/2017	DATE - 02/08/2017	REVISOR -

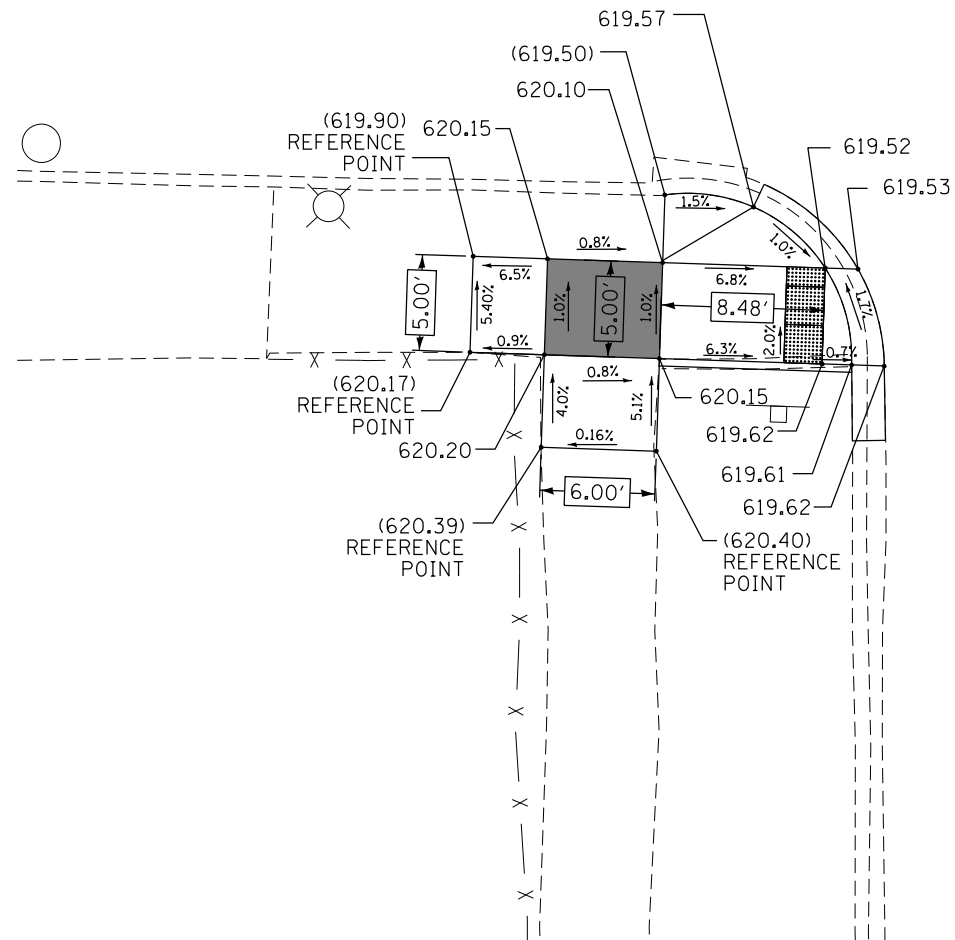
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVE) & 87TH ST
ADA RAMP DESIGN

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	33
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

IL ROUTE 50 (CICERO AVE)



86TH ST

LEGEND



DETECTABLE WARNING



PROPOSED SIDE CURB

(XXX.XX)

EXISTING ELEVATION / SLOPE

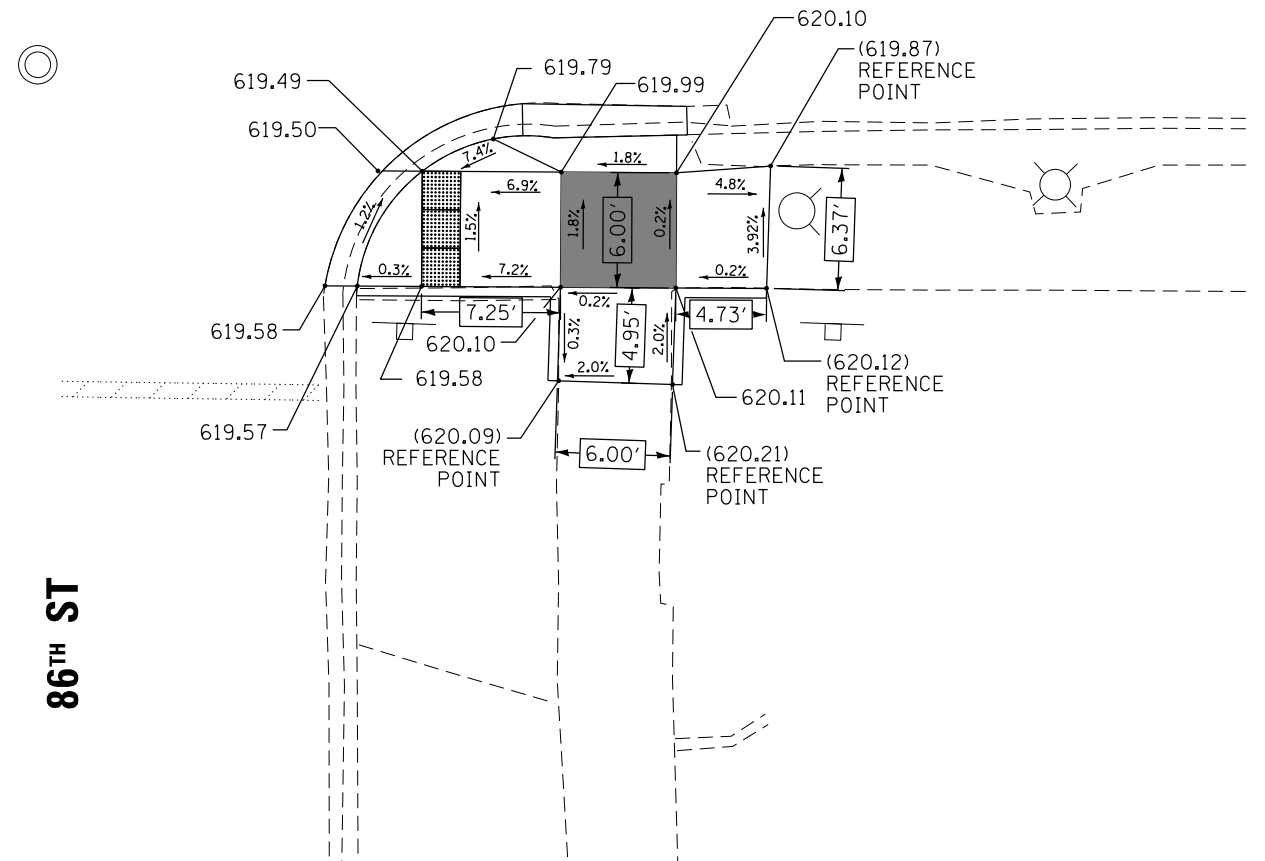


TURNING SPACE / LEVEL LANDING

EARTH EXCAVATION	1.37	CU	YD
TOPSOIL FURNISH AND PLACE, 6"	2.22	SQ	YD
SODDING, SALT TOLERANT	2.22	SQ	YD
PROTECTIVE COAT	1.44	SQ	YD
PCC SIDEWALK 5"	144	SQ	FT
DETECTABLE WARNINGS	12	SQ	FT
SIDEWALK REMOVAL	144	SQ	FT
CONCRETE CURB, TYPE B	10	FT	
COMB CC&GUTTER REMOV & REPL	15	FT	



IL ROUTE 50 (CICERO AVE)

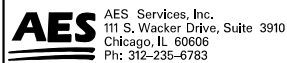


86TH ST

EARTH EXCAVATION	1.72	CU	YD
TOPSOIL FURNISH AND PLACE, 6"	5.22	SQ	YD
SODDING, SALT TOLERANT	5.22	SQ	YD
PROTECTIVE COAT	2.69	SQ	YD
PCC SIDEWALK 5"	174	SQ	FT
DETECTABLE WARNINGS	12	SQ	FT
SIDEWALK REMOVAL	174	SQ	FT
CONCRETE CURB, TYPE B	24.5	FT	
COMB CC&GUTTER REMOV & REPL	19	FT	



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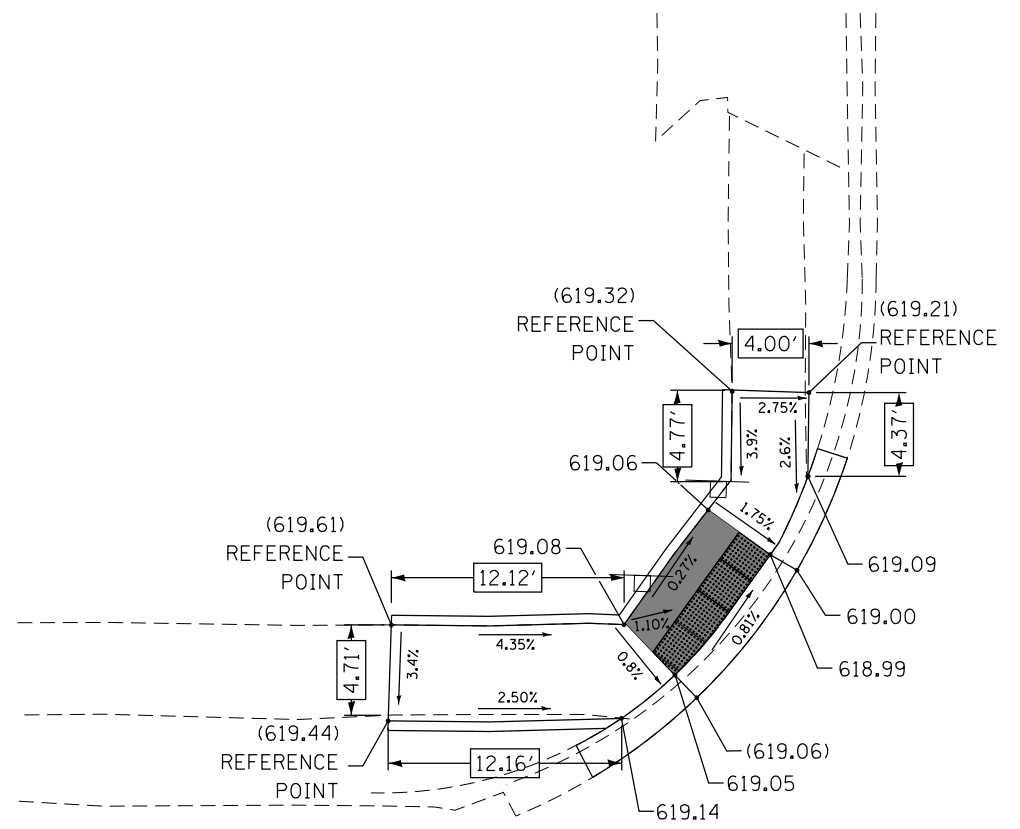
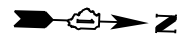
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PLOT DATE = 2/7/2017	DATE - 02/08/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVE) & 86TH ST
ADA RAMP DESIGN

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	35
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

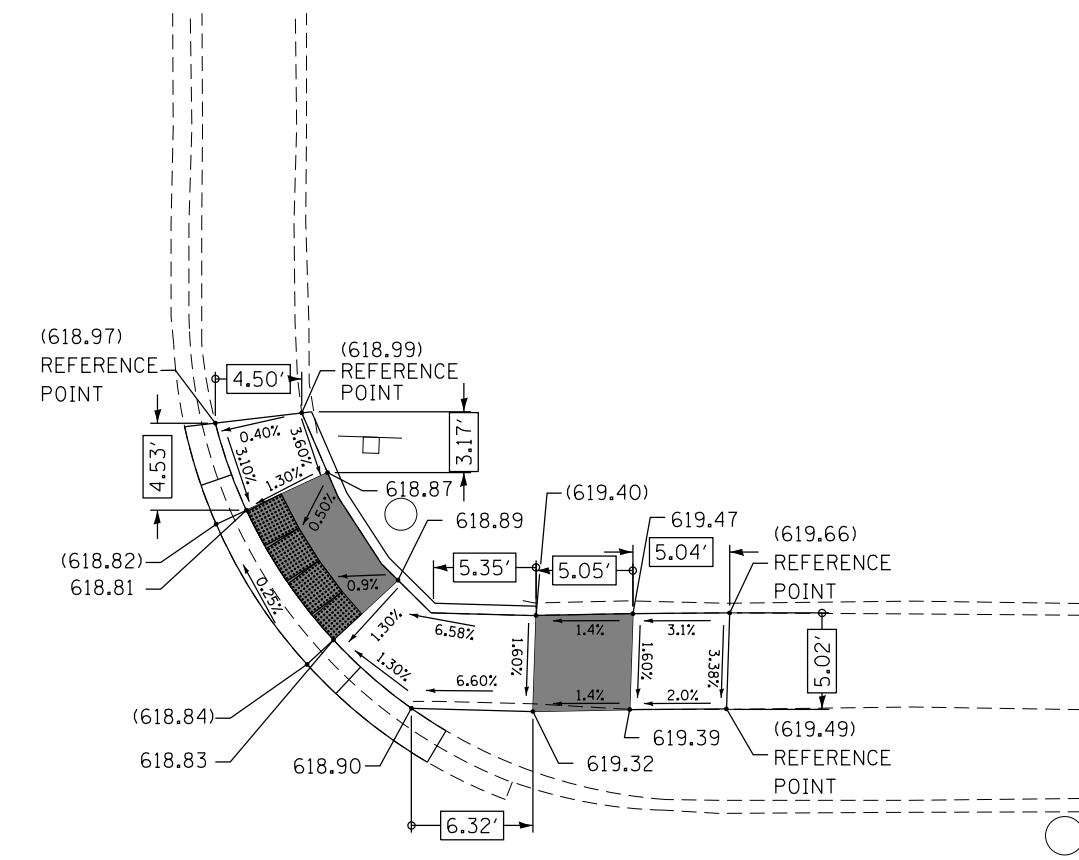


85TH PL

IL ROUTE 50 (CICERO AVE)

LEGEND

	DETECTABLE WARNING	EARTH EXCAVATION	1.36	CU YD
	PROPOSED SIDE CURB	TOPSOIL FURNISH AND PLACE, 6"	7.11	SQ YD
(XXX.XX)	EXISTING ELEVATION / SLOPE	SODDING, SALT TOLERANT	7.11	SQ YD
	TURNING SPACE / LEVEL LANDING	PROTECTIVE COAT	3.36	SQ YD
		PCC SIDEWALK 5"	129	SQ FT
		DETECTABLE WARNINGS	16	SQ FT
		SIDEWALK REMOVAL	129	SQ FT
		CONCRETE CURB, TYPE B	38.5	FT
		COMB CC&GUTTER REMOV & REPL	22	FT



85TH PL

IL ROUTE 50 (CICERO AVE)

EARTH EXCAVATION	1.48	CU YD
TOPSOIL FURNISH AND PLACE, 6"	3.22	SQ YD
SODDING, SALT TOLERANT	3.22	SQ YD
PROTECTIVE COAT	2.22	SQ YD
PCC SIDEWALK 5"	151	SQ FT
DETECTABLE WARNINGS	16	SQ FT
SIDEWALK REMOVAL	151	SQ FT
CONCRETE CURB, TYPE B	17.5	FT
COMB CC&GUTTER REMOV & REPL	23	FT



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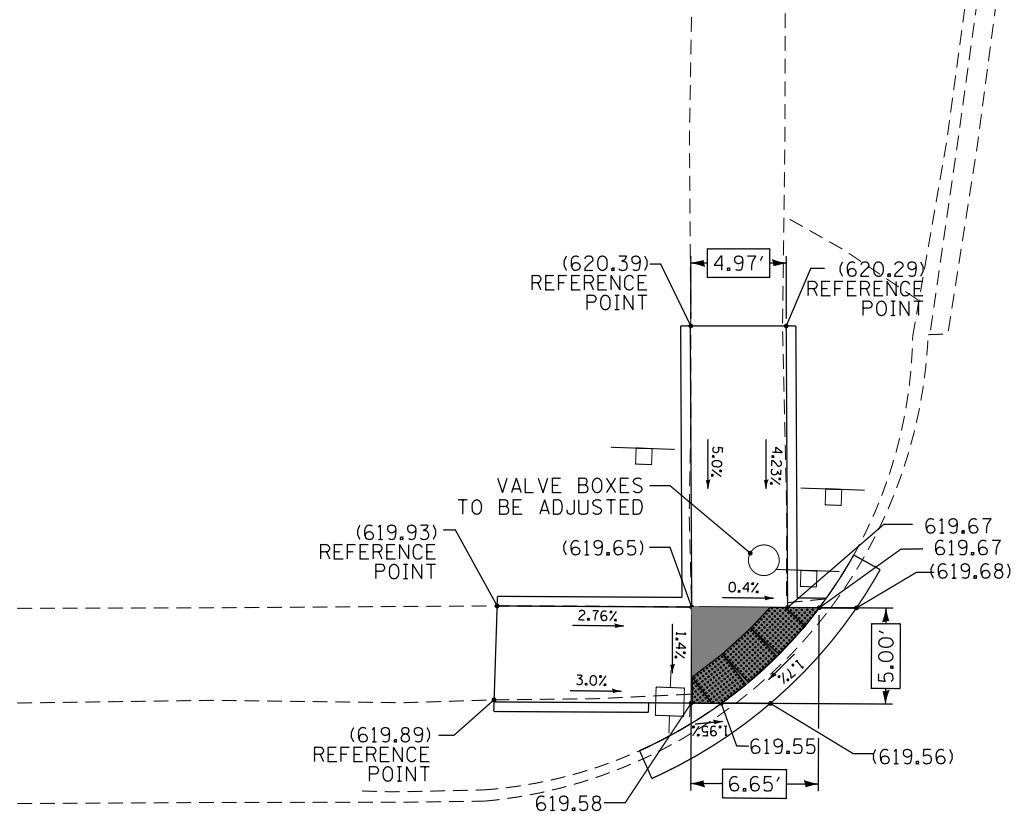
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DRAWN - TOM	CHECKED - JA	REVISED -
PLOT SCALE = 10.0000' / 1" =	DATE - 02/08/2017	REVISED -
PLOT DATE = 2/7/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 50 (CICERO AVE) & 85TH PL
ADA RAMP DESIGN**

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	36
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				



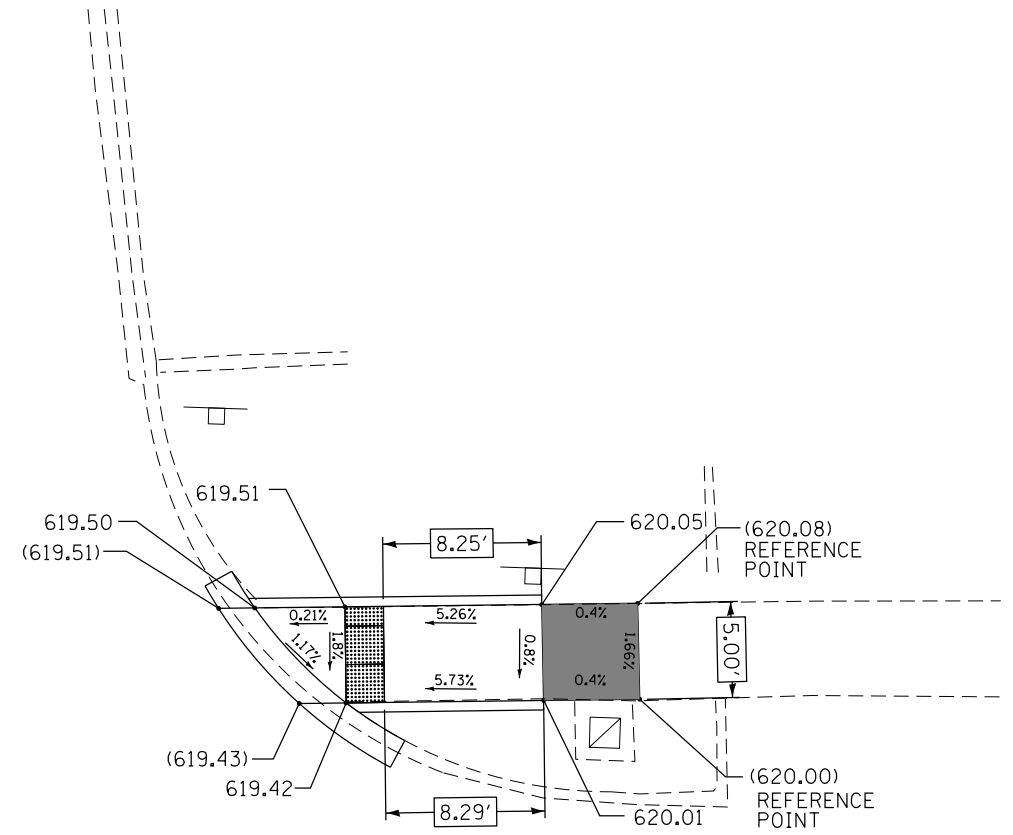
85TH ST

85TH ST

IL ROUTE 50 (CICERO AVE)

LEGEND

	DETECTABLE WARNING	EARTH EXCAVATION	1.61	CU YD
	PROPOSED SIDE CURB	TOPSOIL FURNISH AND PLACE, 6"	5.11	SQ YD
(XXX.XX)	EXISTING ELEVATION / SLOPE	SODDING, SALT TOLERANT	5.11	SQ YD
	TURNING SPACE / LEVEL LANDING	PROTECTIVE COAT	3.67	SQ YD
		PCC SIDEWALK 5"	149	SQ FT
		DETECTABLE WARNINGS	16	SQ FT
		SIDEWALK REMOVAL	149	SQ FT
		CONCRETE CURB, TYPE B	49.5	FT
		COMB CC&GUTTER REMOV & REPL	16.5	FT

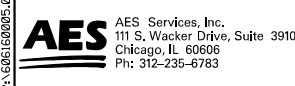


IL ROUTE 50 (CICERO AVE)

EARTH EXCAVATION	0.94	CU YD
TOPSOIL FURNISH AND PLACE, 6"	7.44	SQ YD
SODDING, SALT TOLERANT	7.44	SQ YD
PROTECTIVE COAT	2.19	SQ YD
PCC SIDEWALK 5"	89	SQ FT
DETECTABLE WARNINGS	12	SQ FT
SIDEWALK REMOVAL	89	SQ FT
CONCRETE CURB, TYPE B	26	FT
COMB CC&GUTTER REMOV & REPL	14	FT



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USER NAME = awmohammed	DESIGNED - AWM	REVISED -
	DRAWN - TOM	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 2/7/2017	DATE - 02/08/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

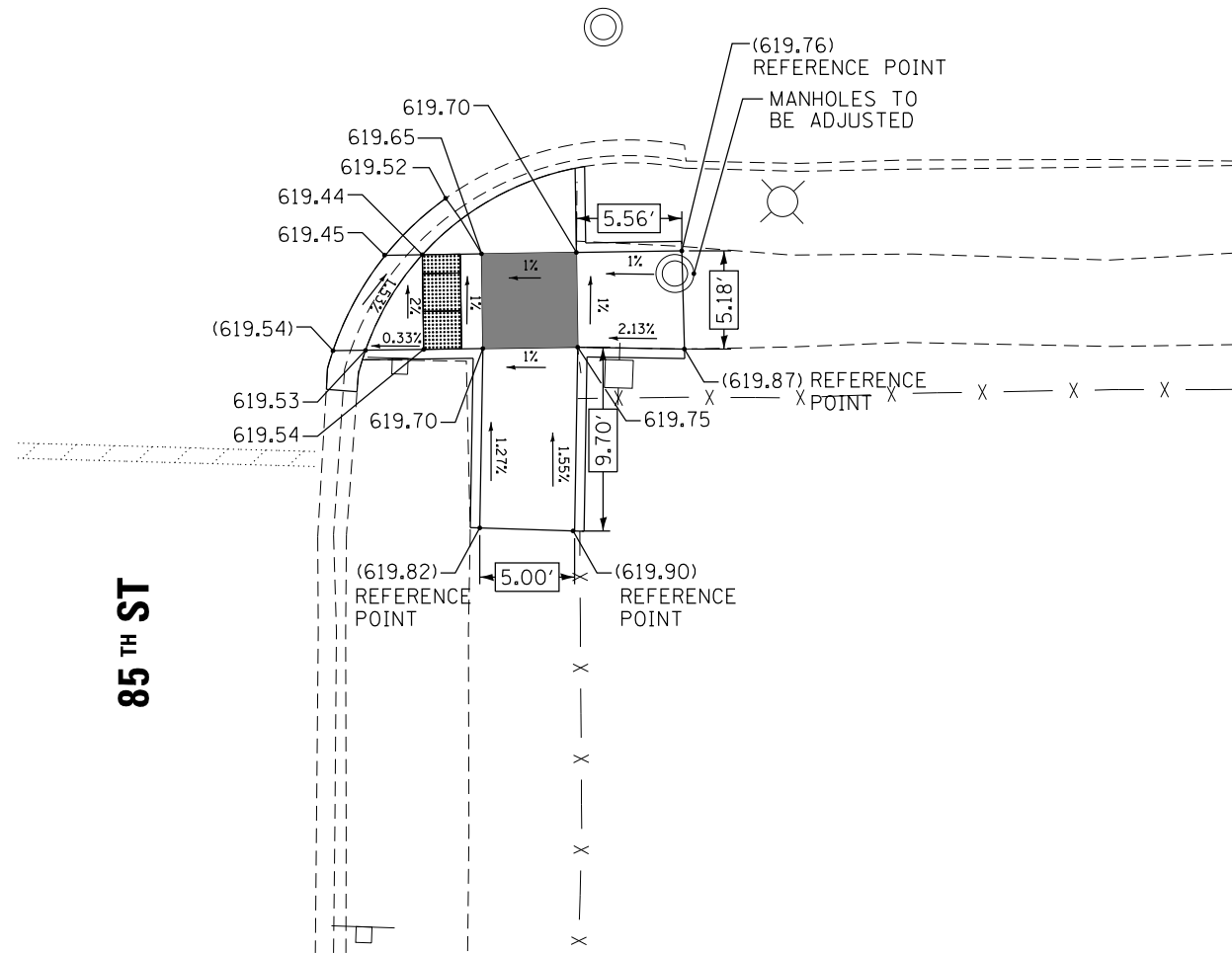
IL ROUTE 50 (CICERO AVE) & 85TH ST
ADA RAMP DESIGN

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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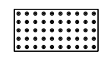
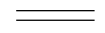

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	37
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				



IL ROUTE 50 (CICERO AVE)

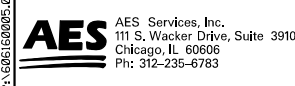


LEGEND

	DETECTABLE WARNING	EARTH EXCAVATION	1.56	CU YD
	PROPOSED SIDE CURB	TOPSOIL FURNISH AND PLACE, 6"	5.11	SQ YD
(XXX.XX)	EXISTING ELEVATION / SLOPE	SODDING, SALT TOLERANT	5.11	SQ YD
	TURNING SPACE / LEVEL LANDING	PROTECTIVE COAT	2.94	SQ YD
		PCC SIDEWALK 5"	148	SQ FT
		DETECTABLE WARNINGS	12	SQ FT
		SIDEWALK REMOVAL	148	SQ FT
		CONCRETE CURB, TYPE B	41	FT
		COMB CC&GUTTER REMOV & REPL	12	FT



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USER NAME = awmohammed	DESIGNED - AWM	REVISED -
	DRAWN - TOM	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - JA	REVISED -
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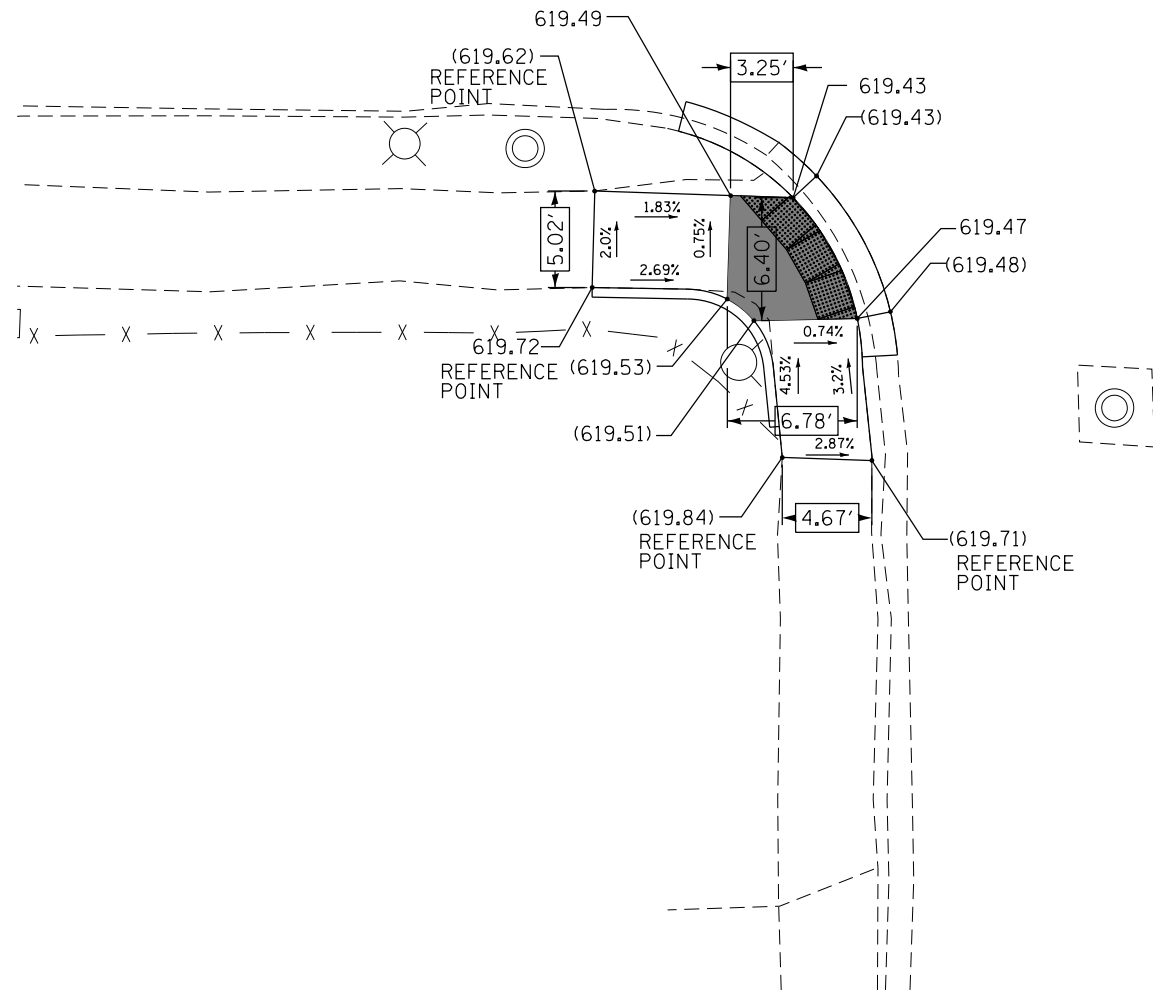
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 50 (CICERO AVE) & 85TH ST
ADA RAMP DESIGN**

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	38
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

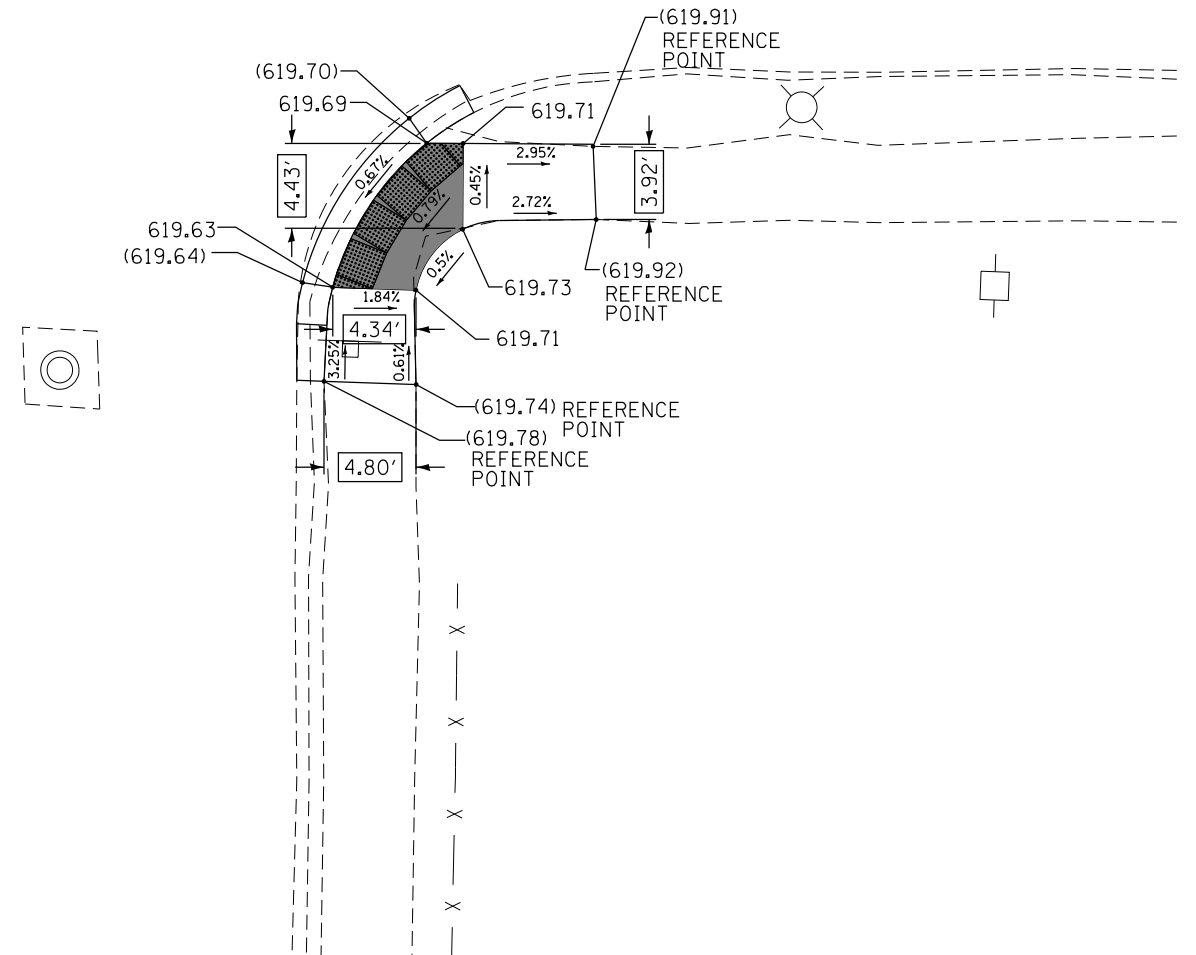
IL ROUTE 50 (CICERO AVE)



84TH PL



IL ROUTE 50 (CICERO AVE)



84TH PL



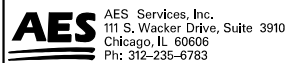
LEGEND

- DETECTABLE WARNING
- PROPOSED SIDE CURB
- (XXX.XX) EXISTING ELEVATION / SLOPE
- TURNING SPACE / LEVEL LANDING

EARTH EXCAVATION	0.96	CU	YD
TOPSOIL FURNISH AND PLACE, 6"	4.11	SQ	YD
SODDING, SALT TOLERANT	4.11	SQ	YD
PROTECTIVE COAT	1.86	SQ	YD
PCC SIDEWALK 5"	104	SQ	FT
DETECTABLE WARNINGS	111	SQ	FT
SIDEWALK REMOVAL	104	SQ	FT
CONCRETE CURB, TYPE B	15	FT	
COMB CC&GUTTER REMOV & REPL	18.5	FT	

EARTH EXCAVATION	0.76	CU	YD
TOPSOIL FURNISH AND PLACE, 6"	4.67	SQ	YD
SODDING, SALT TOLERANT	4.67	SQ	YD
PROTECTIVE COAT	1.06	SQ	YD
PCC SIDEWALK 5"	82	SQ	FT
DETECTABLE WARNINGS	20	SQ	FT
SIDEWALK REMOVAL	82	SQ	FT
CONCRETE CURB, TYPE B	0	FT	
COMB CC&GUTTER REMOV & REPL	19	FT	

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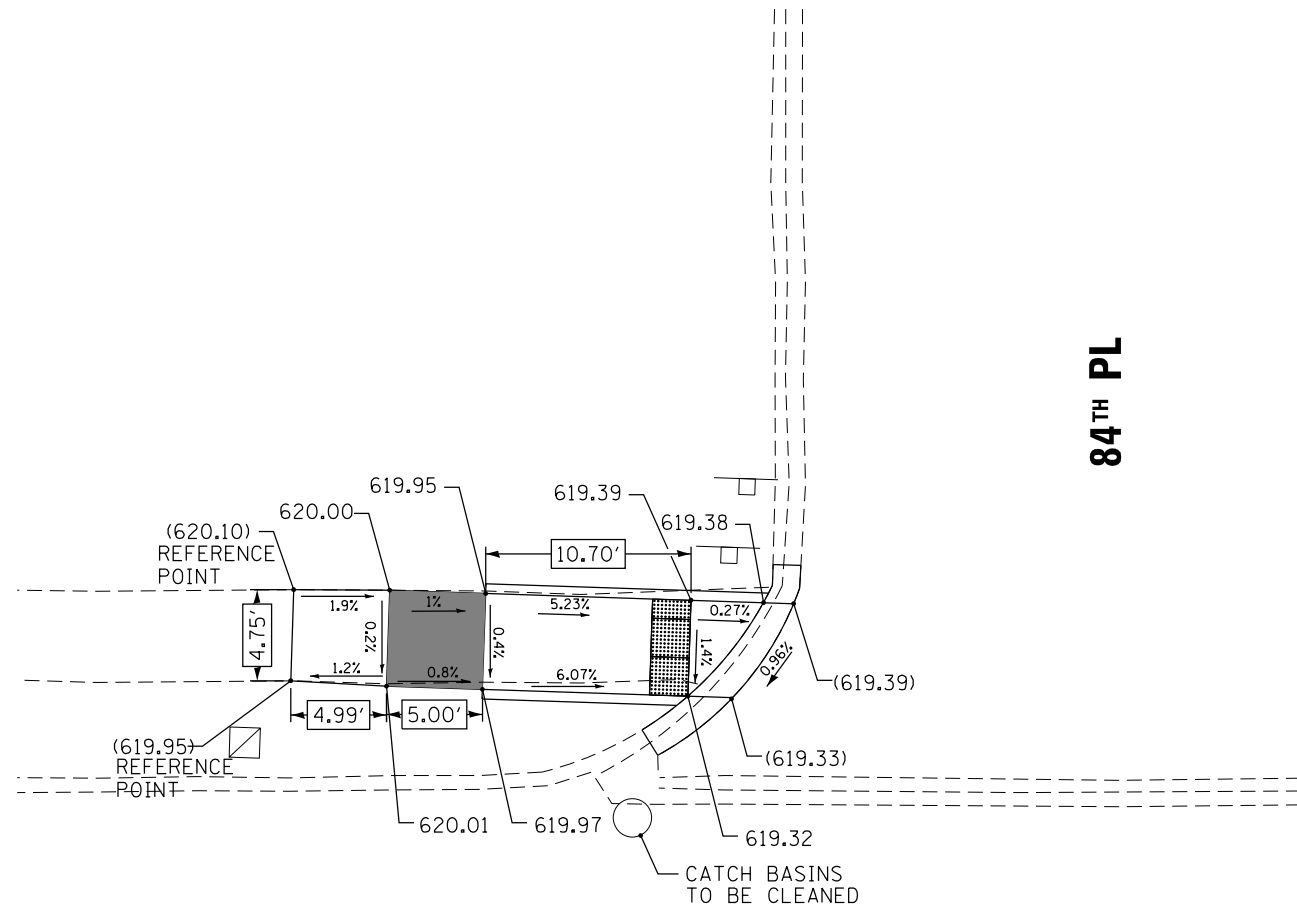
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PLOT DATE = 2/7/2017	CHECKED - JA	REVISED -
	DATE - 02/08/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVE) & 84TH PL
ADA RAMP DESIGN

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	39
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

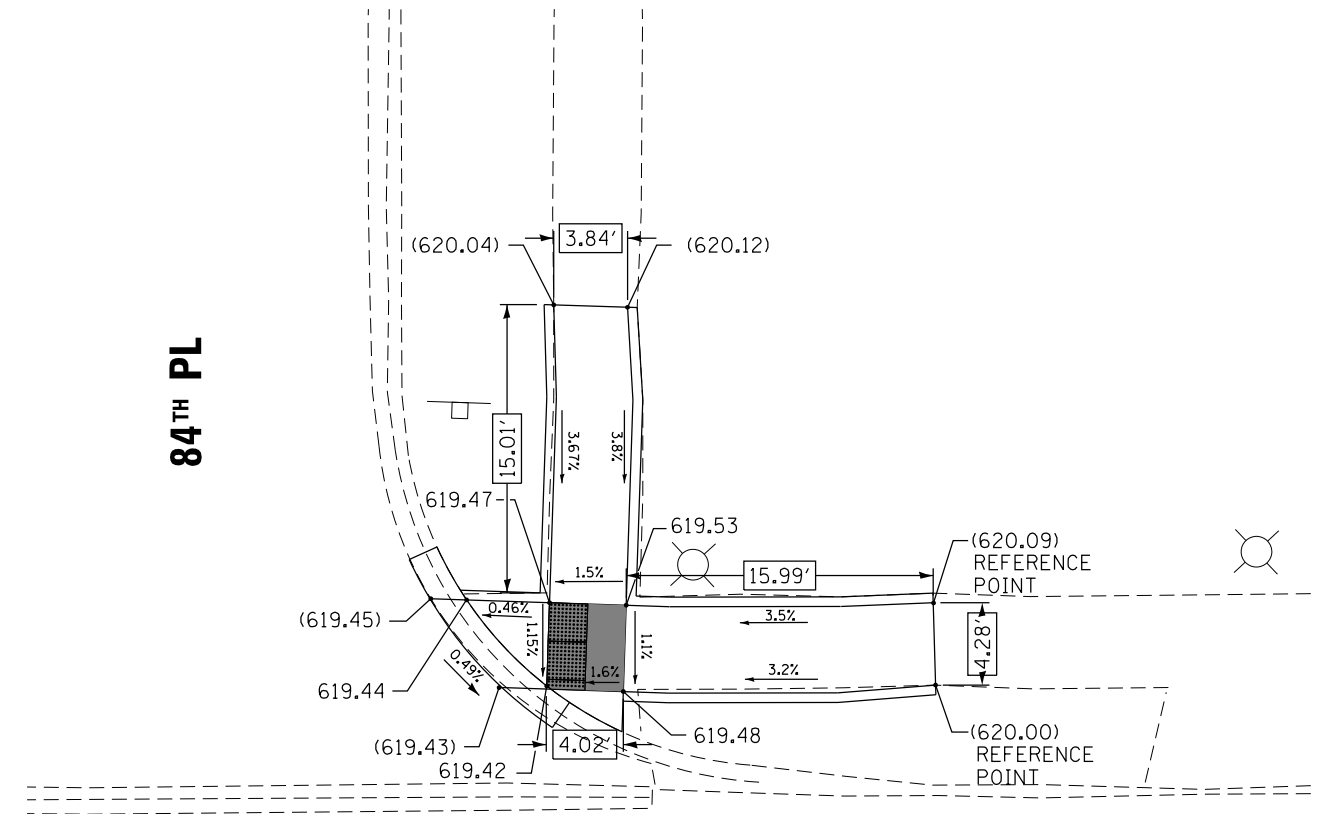
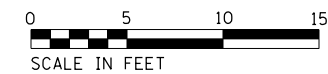


84TH PL

IL ROUTE 50 (CICERO AVE)

LEGEND

	DETECTABLE WARNING	EARTH EXCAVATION	1.16	CU YD
	PROPOSED SIDE CURB	TOPSOIL FURNISH AND PLACE, 6"	1.89	SQ YD
(XXX.XX)	EXISTING ELEVATION / SLOPE	SODDING, SALT TOLERANT	1.89	SQ YD
	TURNING SPACE / LEVEL LANDING	PROTECTIVE COAT	2.14	SQ YD
		PCC SIDEWALK 5"	113	SQ FT
		DETECTABLE WARNINGS	12	SQ FT
		SIDEWALK REMOVAL	113	SQ FT
		CONCRETE CURB, TYPE B	13	FT
		COMB CC&GUTTER REMOV & REPL	13	FT



84TH PL

IL ROUTE 50 (CICERO AVE)

EARTH EXCAVATION	1.79	CU YD
TOPSOIL FURNISH AND PLACE, 6"	7.56	SQ YD
SODDING, SALT TOLERANT	7.56	SQ YD
PROTECTIVE COAT	4.44	SQ YD
PCC SIDEWALK 5"	161	SQ FT
DETECTABLE WARNINGS	12	SQ FT
SIDEWALK REMOVAL	161	SQ FT
CONCRETE CURB, TYPE B	12	FT
COMB CC&GUTTER REMOV & REPL	12	FT



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AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

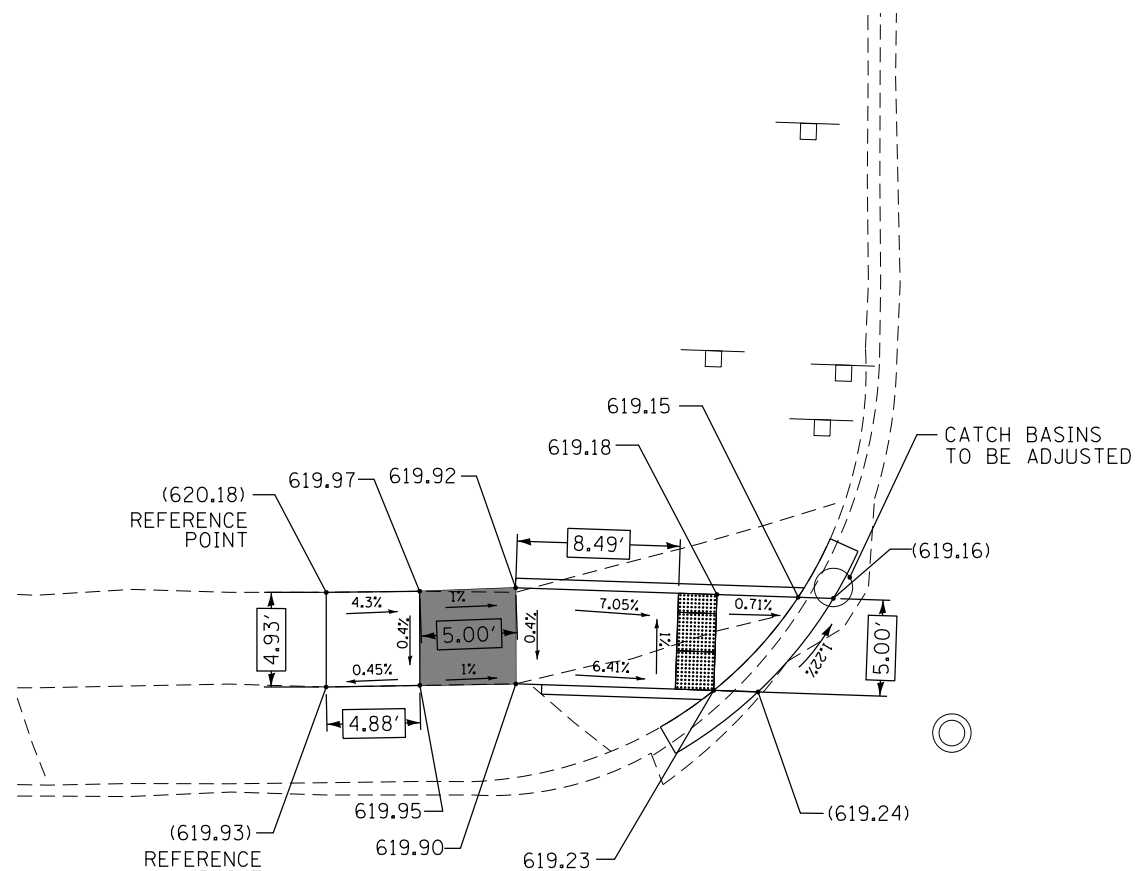
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DRAWN - TOM	CHECKED - JA	REVISED -
PLOT SCALE = 10.0000' / 1"	DATE - 02/08/2017	REVISED -
PLOT DATE = 2/7/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 50 (CICERO AVE) & 84TH PL
ADA RAMP DESIGN**

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	40
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				



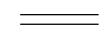
84TH ST

IL ROUTE 50 (CICERO AVE)

LEGEND



DETECTABLE WARNING



PROPOSED SIDE CURB

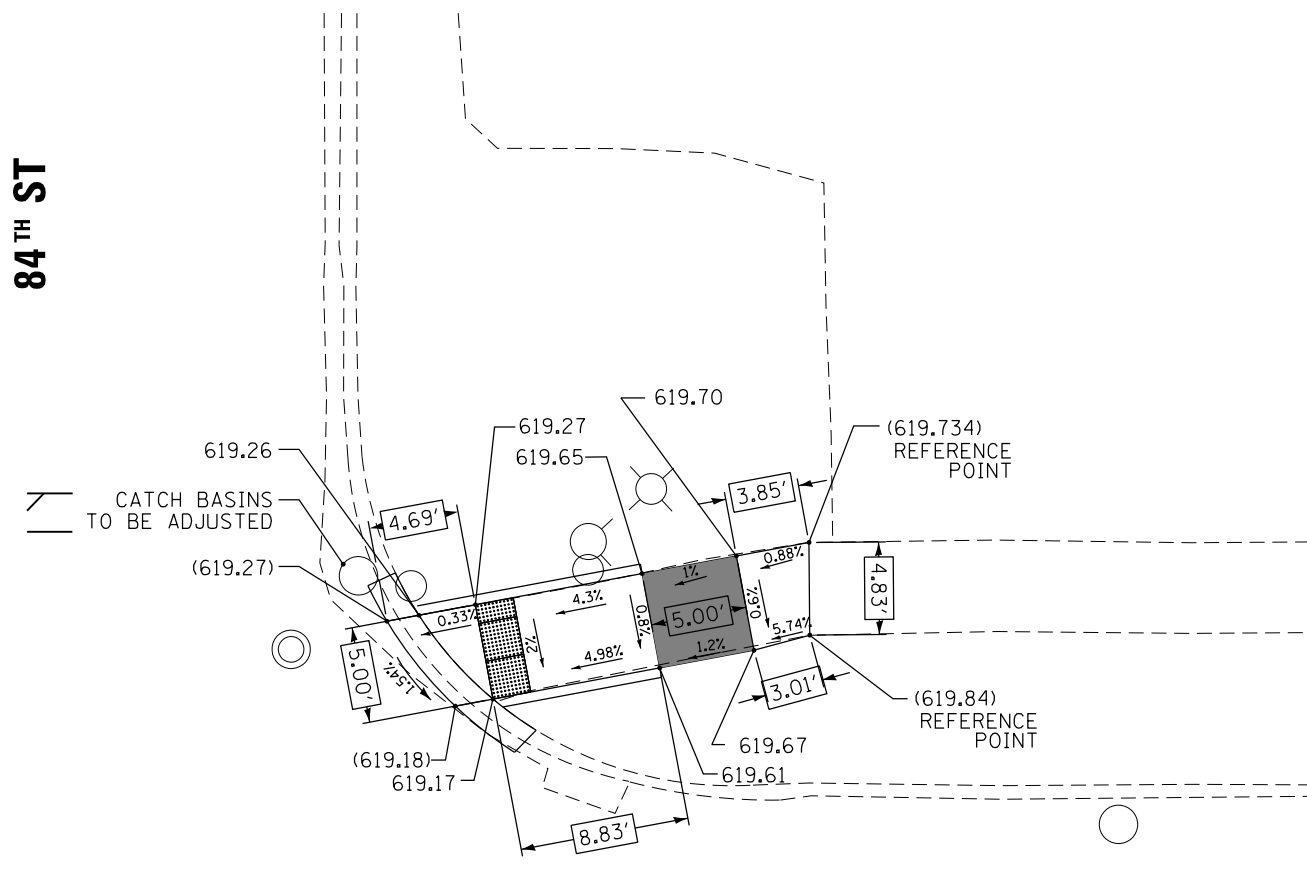
(XXX.XX)

EXISTING ELEVATION / SLOPE



TURNING SPACE / LEVEL LANDING

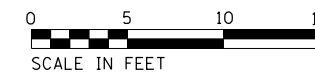
EARTH EXCAVATION	1.15	CU YD
TOPSOIL FURNISH AND PLACE, 6"	1.22	SQ YD
SODDING, SALT TOLERANT	1.22	SQ YD
PROTECTIVE COAT	2.17	SQ YD
PCC SIDEWALK 5"	112	SQ FT
DETECTABLE WARNINGS	12	SQ FT
SIDEWALK REMOVAL	112	SQ FT
CONCRETE CURB, TYPE B	0	FT
COMB CC&GUTTER REMOV & REPL	15	FT



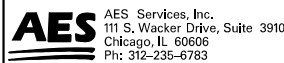
84TH ST

IL ROUTE 50 (CICERO AVE)

EARTH EXCAVATION	0.97	CU YD
TOPSOIL FURNISH AND PLACE, 6"	7.44	SQ YD
SODDING, SALT TOLERANT	7.44	SQ YD
PROTECTIVE COAT	1.83	SQ YD
PCC SIDEWALK 5"	94	SQ FT
DETECTABLE WARNINGS	12	SQ FT
SIDEWALK REMOVAL	94	SQ FT
CONCRETE CURB, TYPE B	21	FT
COMB CC&GUTTER REMOV & REPL	12	FT



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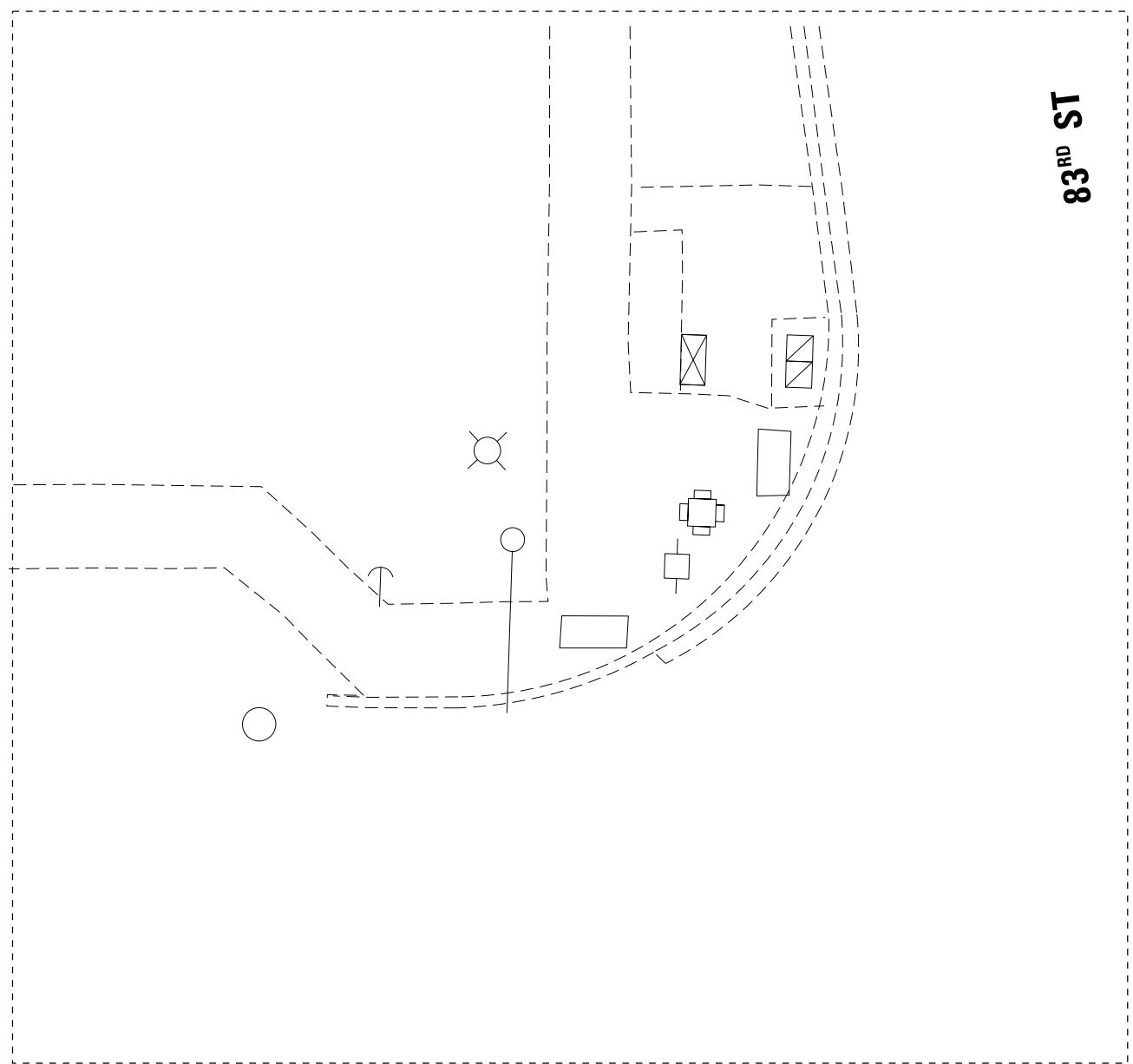
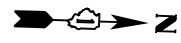
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PLOT DATE = 2/7/2017	DATE - 02/08/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVE) & 84TH ST
ADA RAMP DESIGN

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	41
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				






83RD ST

IL ROUTE 50 (CICERO AVE)

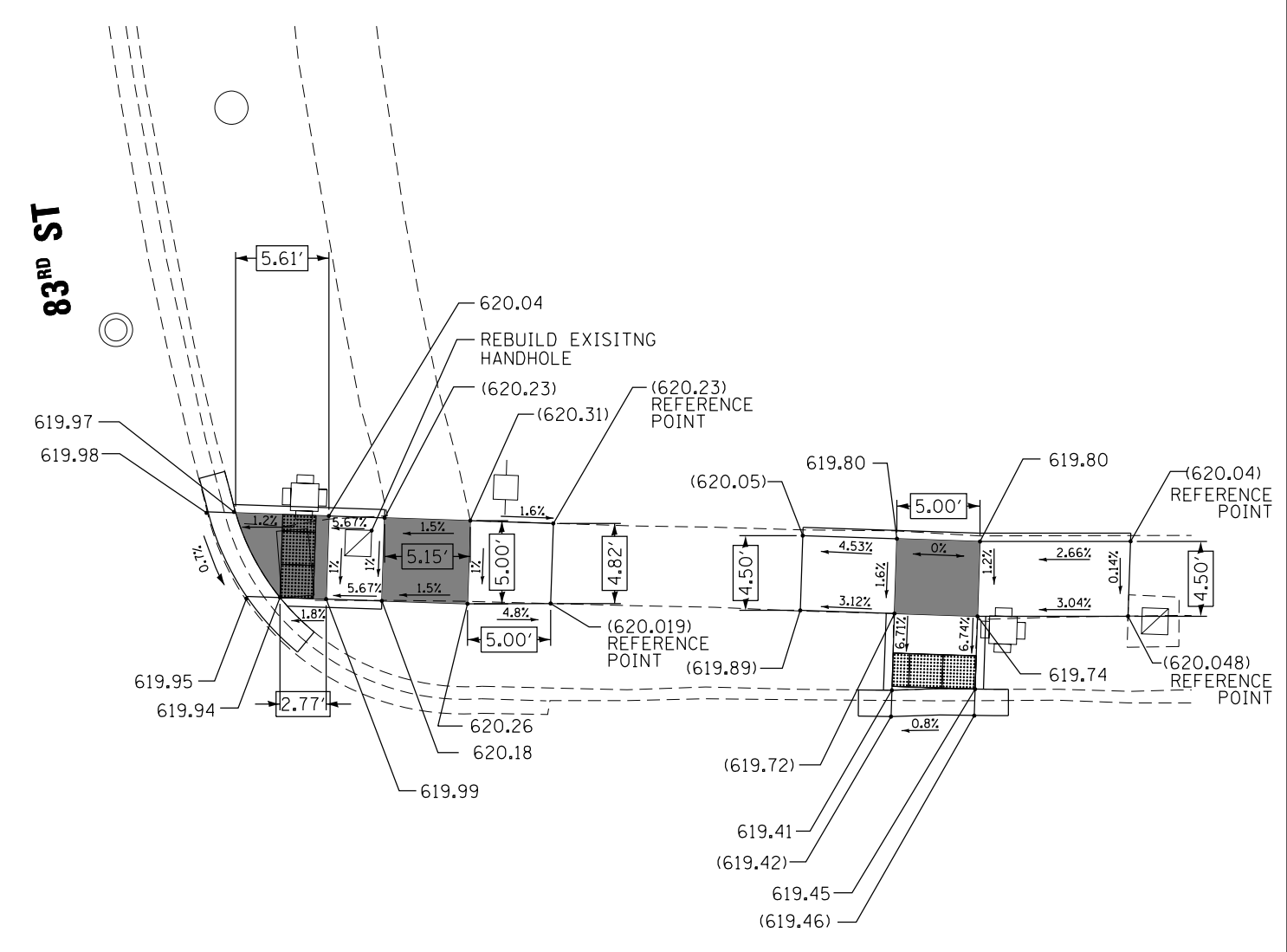
NEW RAMP

LEGEND

-  DETECTABLE WARNING
-  PROPOSED SIDE CURB
- (XXX.XX) EXISTING ELEVATION / SLOPE
-  TURNING SPACE / LEVEL LANDING



SCALE IN FEET



83RD ST

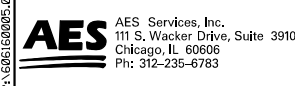
IL ROUTE 50 (CICERO AVE)

EARTH EXCAVATION	2.06	CU YD
TOPSOIL FURNISH AND PLACE, 6"	0	SQ YD
SODDING, SALT TOLERANT	0	SQ YD
PROTECTIVE COAT	3.64	SQ YD
PCC SIDEWALK 5"	200	SQ FT
DETECTABLE WARNINGS	24	SQ FT
SIDEWALK REMOVAL	200	SQ FT
CONCRETE CURB, TYPE B	44	FT
COMB CC&GUTTER REMOV & REPL	21.5	FT



SCALE IN FEET

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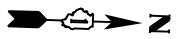
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PLOT DATE = 2/7/2017	DATE - 02/08/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

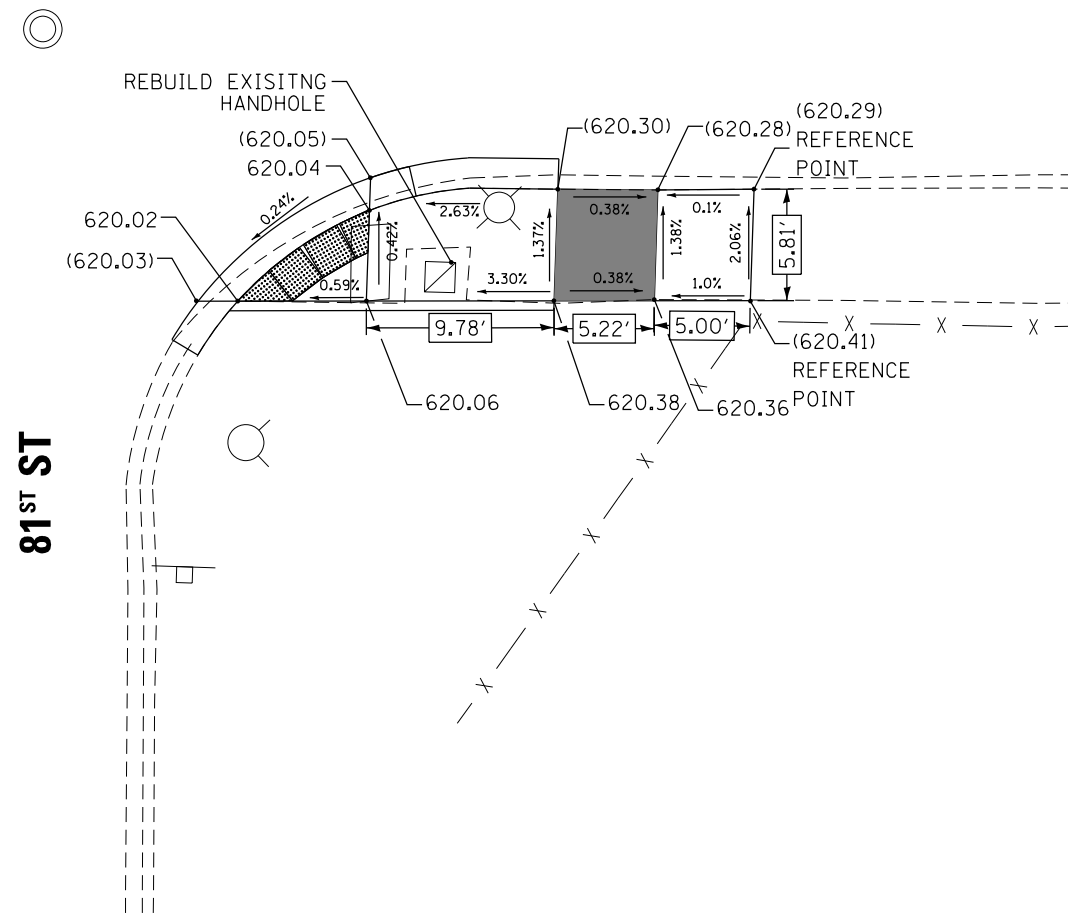
IL ROUTE 50 (CICERO AVE) & 83RD ST
ADA RAMP DESIGN

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	42
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				



IL ROUTE 50 (CICERO AVE)



LEGEND



DETECTABLE WARNING



PROPOSED SIDE CURB

(XXX.XX)

EXISTING ELEVATION / SLOPE

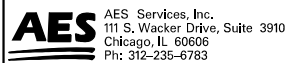


TURNING SPACE / LEVEL LANDING

EARTH EXCAVATION	1.30	CU	YD
TOPSOIL FURNISH AND PLACE, 6"	6.11	SQ	YD
SODDING, SALT TOLERANT	6.11	SQ	YD
PROTECTIVE COAT	2.28	SQ	YD
PCC SIDEWALK 5"	132	SQ	FT
DETECTABLE WARNINGS	16	SQ	FT
SIDEWALK REMOVAL	132	SQ	FT
CONCRETE CURB, TYPE B	17	FT	
COMB CC&GUTTER REMOV & REPL	24	FT	



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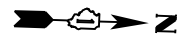
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PLOT DATE = 2/7/2017	DATE - 02/08/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

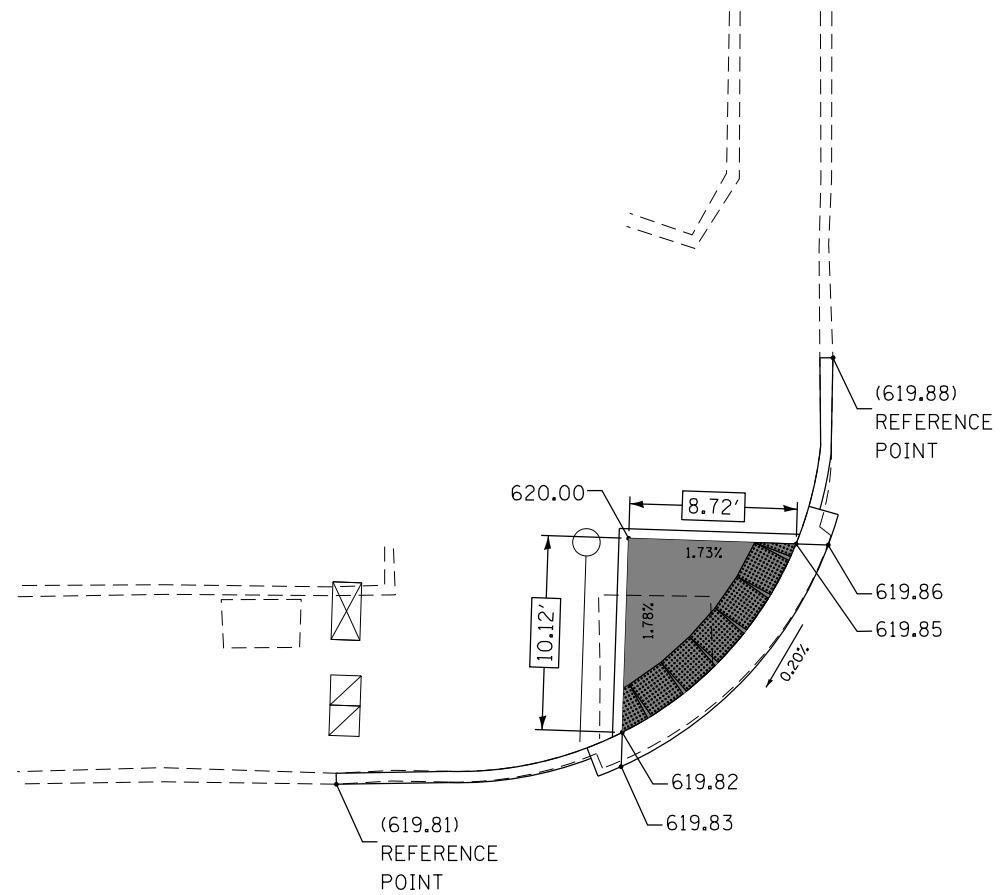
**IL ROUTE 50 (CICERO AVE) &
ADA RAMP DESIGN**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	43
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				



COMMERCIAL SIGNAL ENTRANCE



IL ROUTE 50 (CICERO AVE)

LEGEND



DETECTABLE WARNING



PROPOSED SIDE CURB

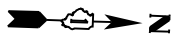
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EXISTING ELEVATION / SLOPE

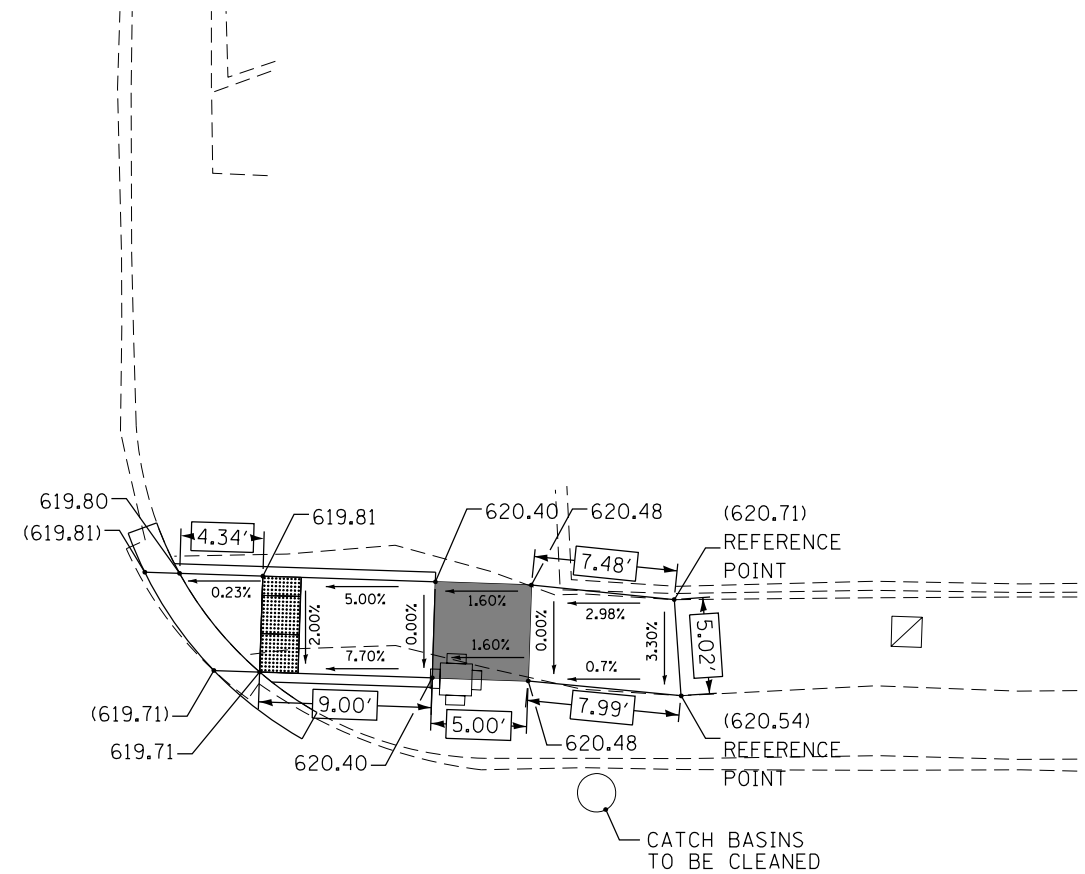


TURNING SPACE / LEVEL LANDING

EARTH EXCAVATION	0.60	CU YD
TOPSOIL FURNISH AND PLACE, 6"	3.72	SQ YD
SODDING, SALT TOLERANT	3.72	SQ YD
PROTECTIVE COAT	1.12	SQ YD
PCC SIDEWALK 5"	54.78	SQ FT
DETECTABLE WARNINGS	24	SQ FT
SIDEWALK REMOVAL	35.27	SQ FT
CONCRETE CURB, TYPE B	42	FT
COMB CC&GUTTER REMOV & REPL	19	FT



COMMERCIAL SIGNAL ENTRANCE

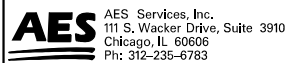


IL ROUTE 50 (CICERO AVE)

EARTH EXCAVATION	1.22	CU YD
TOPSOIL FURNISH AND PLACE, 6"	8.67	SQ YD
SODDING, SALT TOLERANT	8.67	SQ YD
PROTECTIVE COAT	2.06	SQ YD
PCC SIDEWALK 5"	121	SQ FT
DETECTABLE WARNINGS	12	SQ FT
SIDEWALK REMOVAL	121	SQ FT
CONCRETE CURB, TYPE B	23	FT
COMB CC&GUTTER REMOV & REPL	14.5	FT



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USER NAME = awmohammed	DESIGNED - AWM	REVISED -
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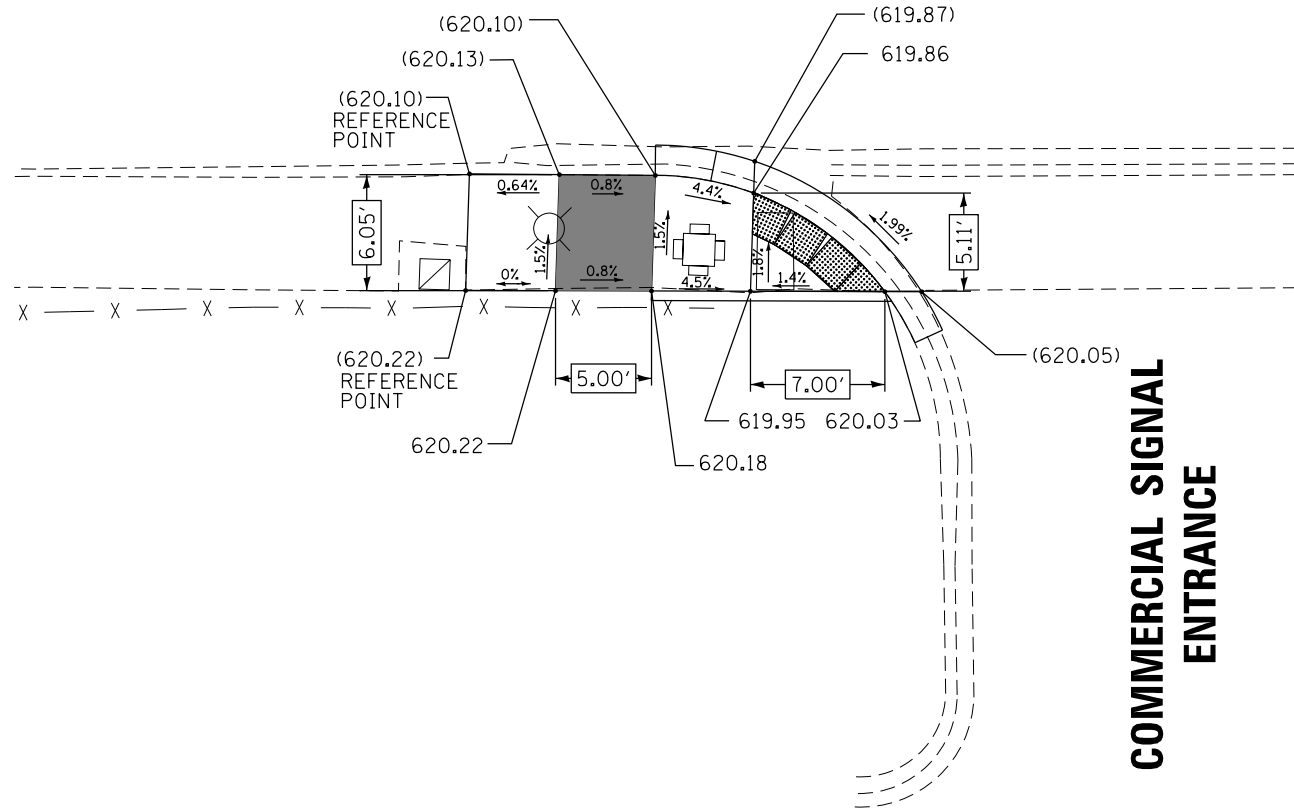
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVE) &
ADA RAMP DESIGN

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	44
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

IL ROUTE 50 (CICERO AVE)



**COMMERCIAL SIGNAL
ENTRANCE**

LEGEND



DETECTABLE WARNING



PROPOSED SIDE CURB

(XXX.XX)

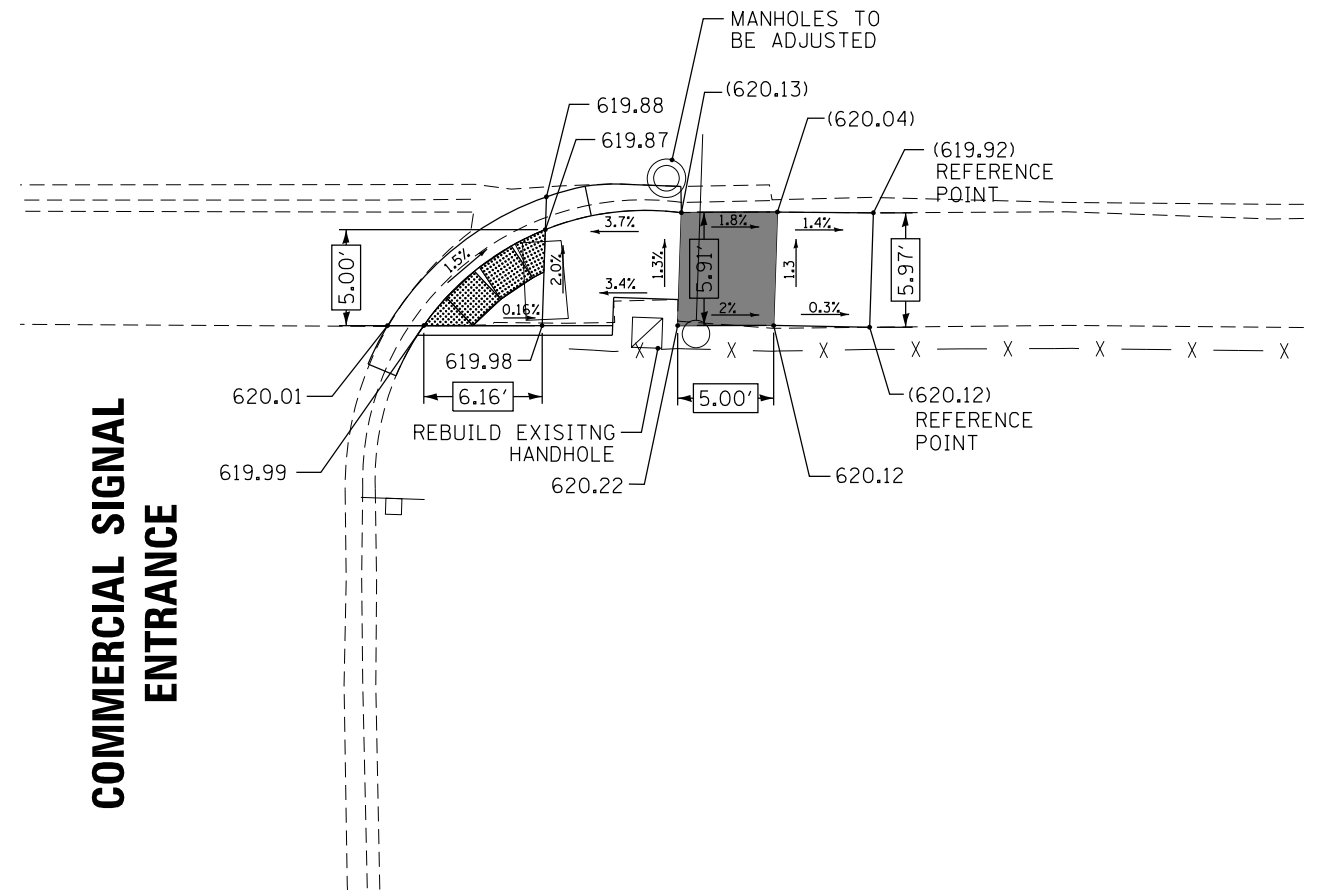
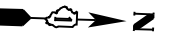
EXISTING ELEVATION / SLOPE



TURNING SPACE / LEVEL LANDING

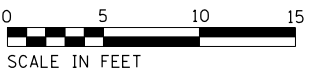
EARTH EXCAVATION	1.06	CU	YD
TOPSOIL FURNISH AND PLACE, 6"	2.11	SQ	YD
SODDING, SALT TOLERANT	2.11	SQ	YD
PROTECTIVE COAT	1.58	SQ	YD
PCC SIDEWALK 5"	109	SQ	FT
DETECTABLE WARNINGS	16	SQ	FT
SIDEWALK REMOVAL	109	SQ	FT
CONCRETE CURB, TYPE B	12.5	FT	
COMB CC&GUTTER REMOV & REPL	16	FT	

IL ROUTE 50 (CICERO AVE)

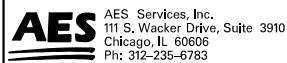


**COMMERCIAL SIGNAL
ENTRANCE**

EARTH EXCAVATION	1.10	CU	YD
TOPSOIL FURNISH AND PLACE, 6"	1.89	SQ	YD
SODDING, SALT TOLERANT	1.89	SQ	YD
PROTECTIVE COAT	1.72	SQ	YD
PCC SIDEWALK 5"	114	SQ	FT
DETECTABLE WARNINGS	16	SQ	FT
SIDEWALK REMOVAL	114	SQ	FT
CONCRETE CURB, TYPE B	10.5	FT	
COMB CC&GUTTER REMOV & REPL	20.5	FT	



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USER NAME = awmohammed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISED -	
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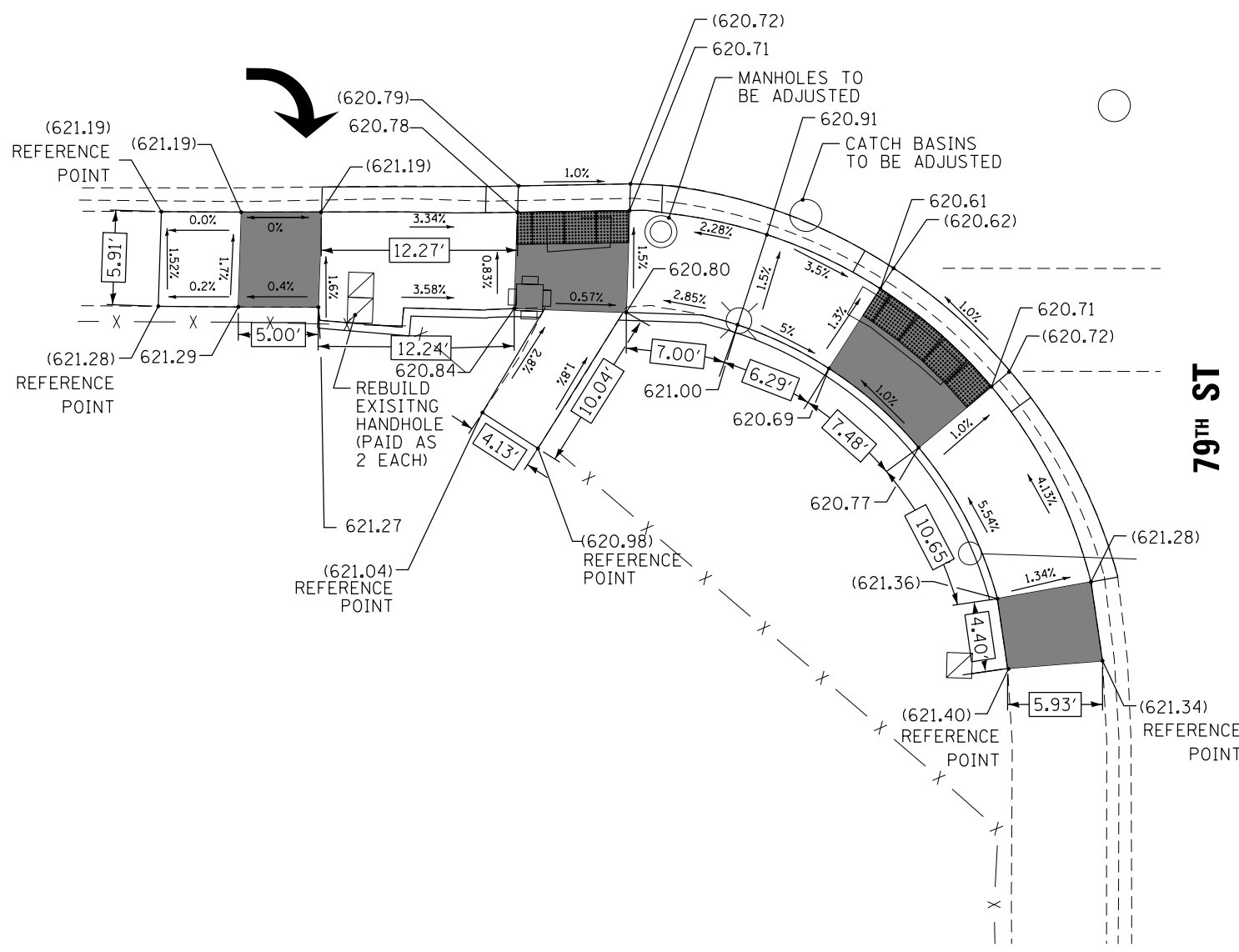
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 50 (CICERO AVE) & COMMERCIAL SIGNAL
ADA RAMP DESIGN**

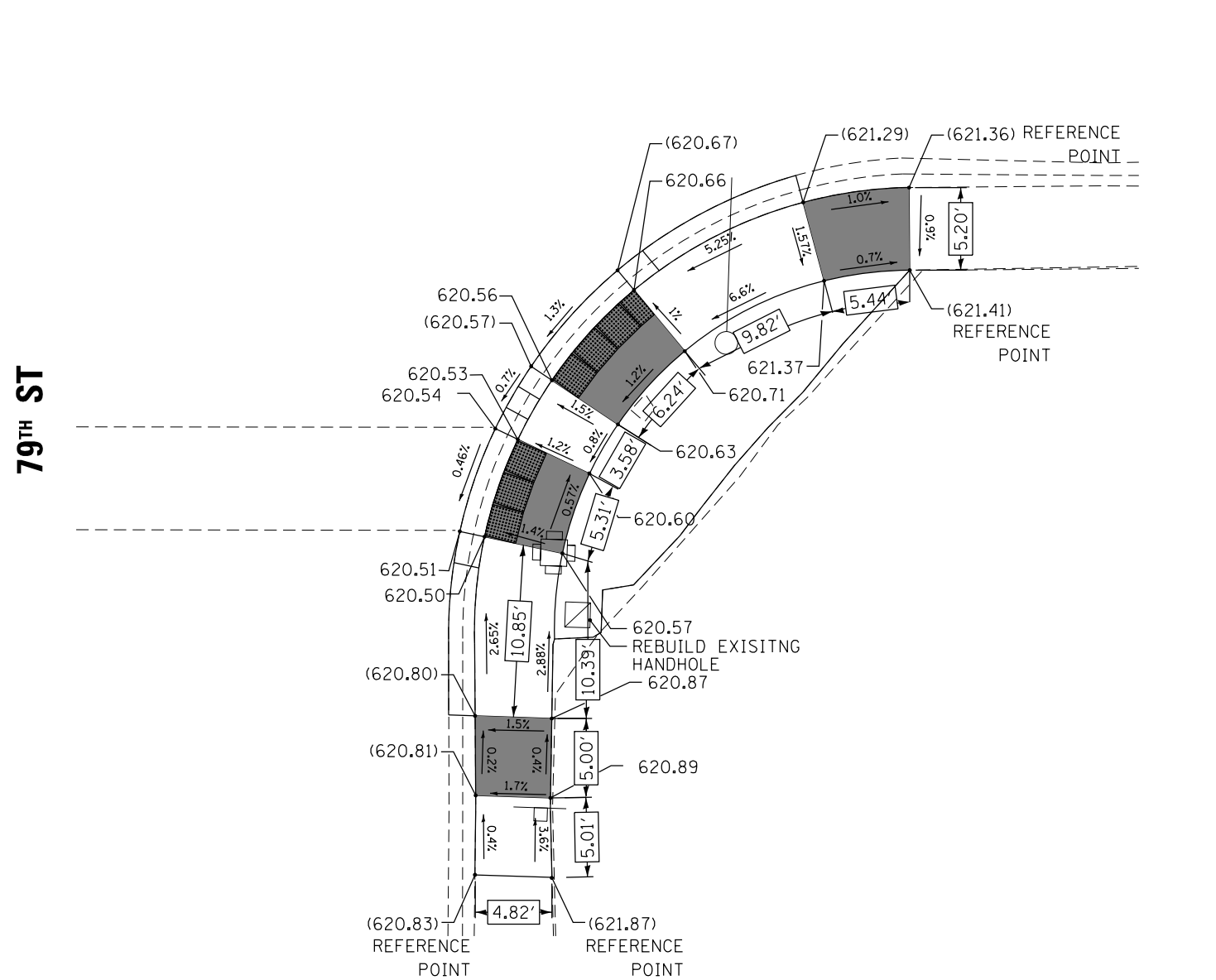
SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	45
CONTRACT NO. 62A08				
ILLINOIS FED. AID PROJECT				

IL ROUTE 50 (CICERO AVE)



IL ROUTE 50 (CICERO AVE)



LEGEND

- DETECTABLE WARNING
- PROPOSED SIDE CURB
- (XXX.XX) EXISTING ELEVATION / SLOPE
- TURNING SPACE / LEVEL LANDING

EARTH EXCAVATION	4.47	CU	YD
TOPSOIL FURNISH AND PLACE, 6"	6.67	SQ	YD
SODDING, SALT TOLERANT	6.67	SQ	YD
PROTECTIVE COAT	5.19	SQ	YD
PCC SIDEWALK 5"	459	SQ	FT
DETECTABLE WARNINGS	36	SQ	FT
SIDEWALK REMOVAL	459	SQ	FT
CONCRETE CURB, TYPE B	32	FT	
COMB CC&GUTTER REMOV & REPL	61.5	FT	

EARTH EXCAVATION	4.10	CU	YD
TOPSOIL FURNISH AND PLACE, 6"	8.44	SQ	YD
SODDING, SALT TOLERANT	8.44	SQ	YD
PROTECTIVE COAT	2.44	SQ	YD
PCC SIDEWALK 5"	443	SQ	FT
DETECTABLE WARNINGS	28	SQ	FT
SIDEWALK REMOVAL	443	SQ	FT
CONCRETE CURB, TYPE B	0	FT	
COMB CC&GUTTER REMOV & REPL	44	FT	



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USER NAME = awmohammed	DESIGNED - AWM	REVISED - _____
PLOT SCALE = 10.0000' / in.	DRAWN - TOM	REVISED - _____
PLOT DATE = 2/7/2017	CHECKED - JA	REVISED - _____
	DATE - 02/08/2017	REVISED - _____

DESIGNED - AWM	REVISED - _____
DRAWN - TOM	REVISED - _____
CHECKED - JA	REVISED - _____
DATE - 02/08/2017	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVE) &
ADA RAMP DESIGN

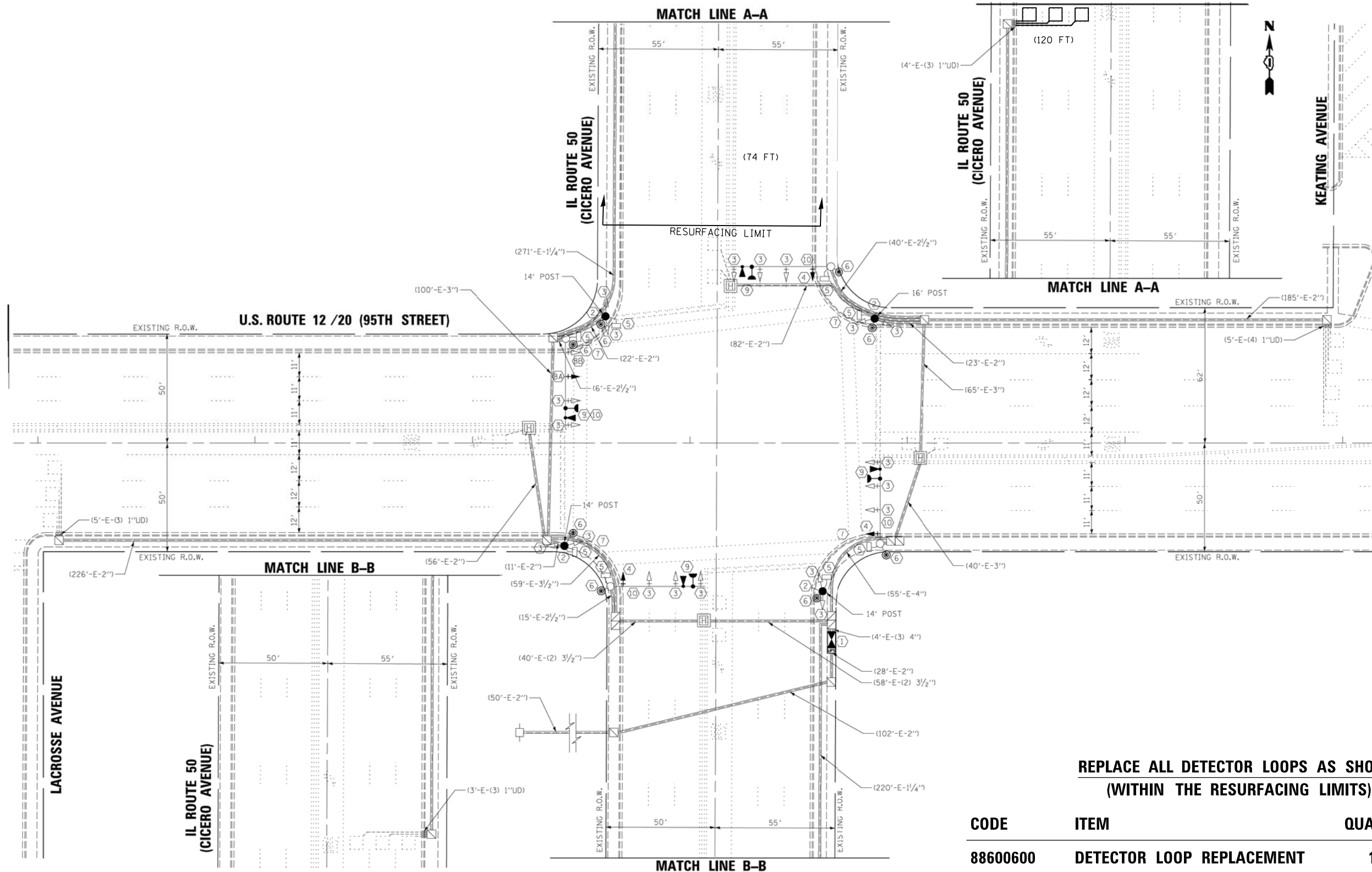
79TH ST

SCALE _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	47
CONTRACT NO. 62A08				
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	120	FOOT

FILE NAME =	USER NAME = curryja	DESIGNED - ---	REVISED - ---
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Default	PLOT SCALE = 40.0000 ' / in.	CHECKED - ---	REVISED - ---
	PLOT DATE = 2/9/2017	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

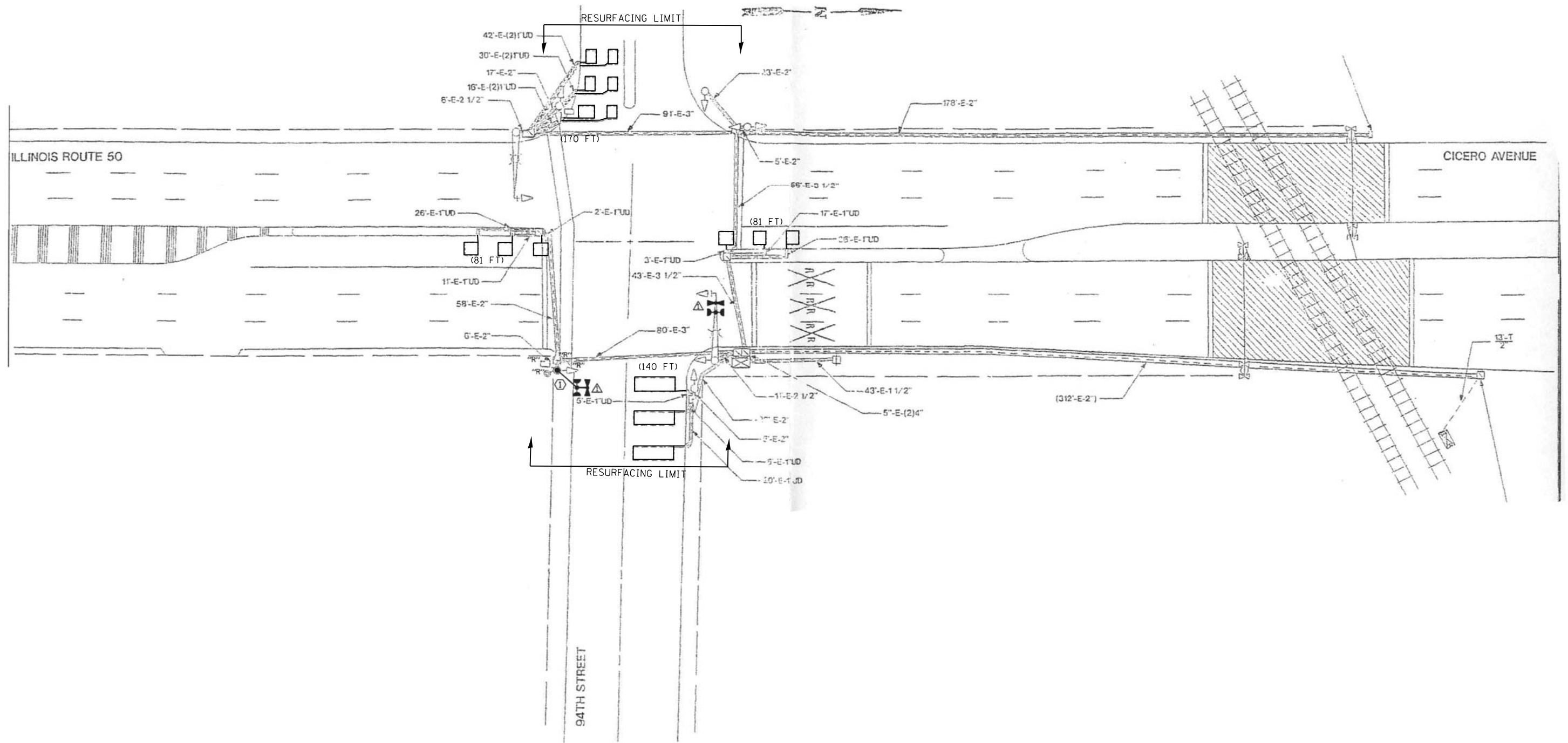
**DETECTOR LOOP REPLACEMENT PLAN
IL 50 AT 95TH ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	48
CONTRACT NO. 62A08				
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	472	FOOT

FILE NAME =	USER NAME = curryja	DESIGNED - ---	REVISED - ---
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - ---	REVISED - ---
	PLOT DATE = 2/9/2017	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

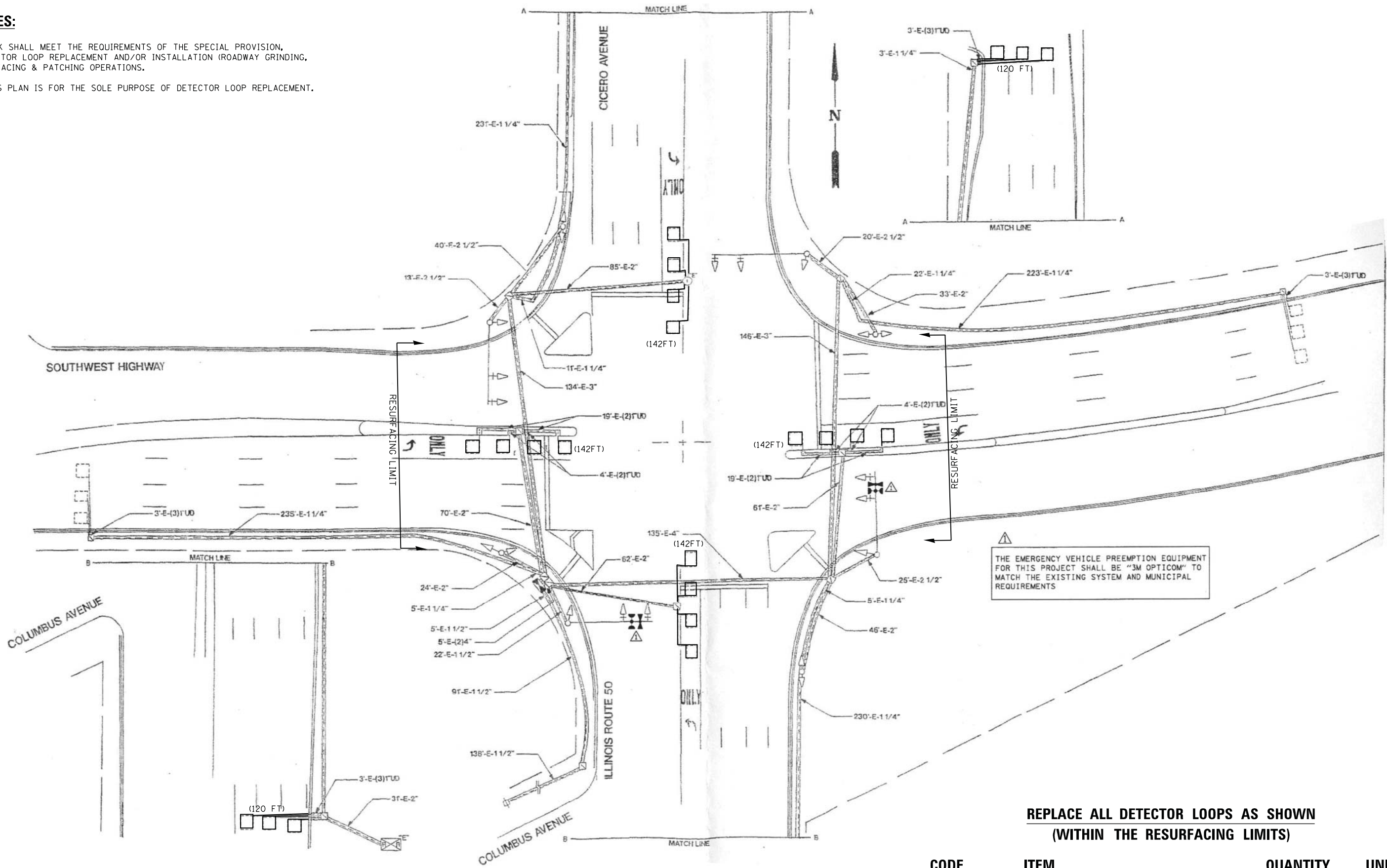
**DETECTOR LOOP REPLACEMENT PLAN
IL 50 AT 94TH ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	49
			CONTRACT NO. 62A08	
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	808	FOOT

FILE NAME =	USER NAME = curryja	DESIGNED - ---	REVISED - ---
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - ---	REVISED - ---
	PLOT DATE = 2/9/2017	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

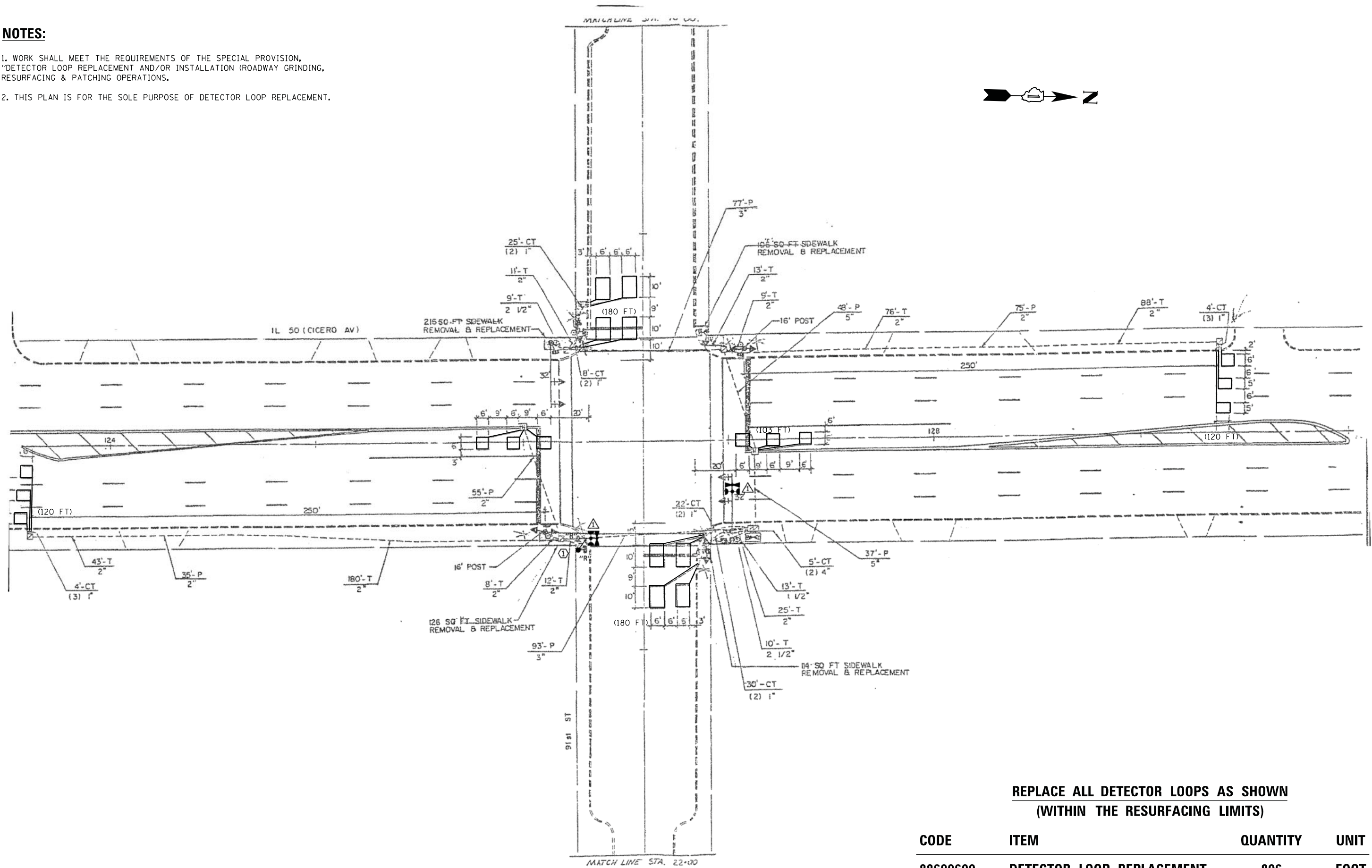
**DETECTOR LOOP REPLACEMENT PLAN
IL 50 AT 93RD ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	50
CONTRACT NO. 62A08				
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	806	FOOT

FILE NAME =	USER NAME = curryja	DESIGNED - ---	REVISED - ---
S:\WP\Design\JC\Detector Loop Details\2017\62A08\Existing sheets\Detector Loop.dgn		DRAWN - ---	REVISED - ---
Default	PLOT SCALE = 48.0000' / in.	CHECKED - ---	REVISED - ---
	PLOT DATE = 2/9/2017	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

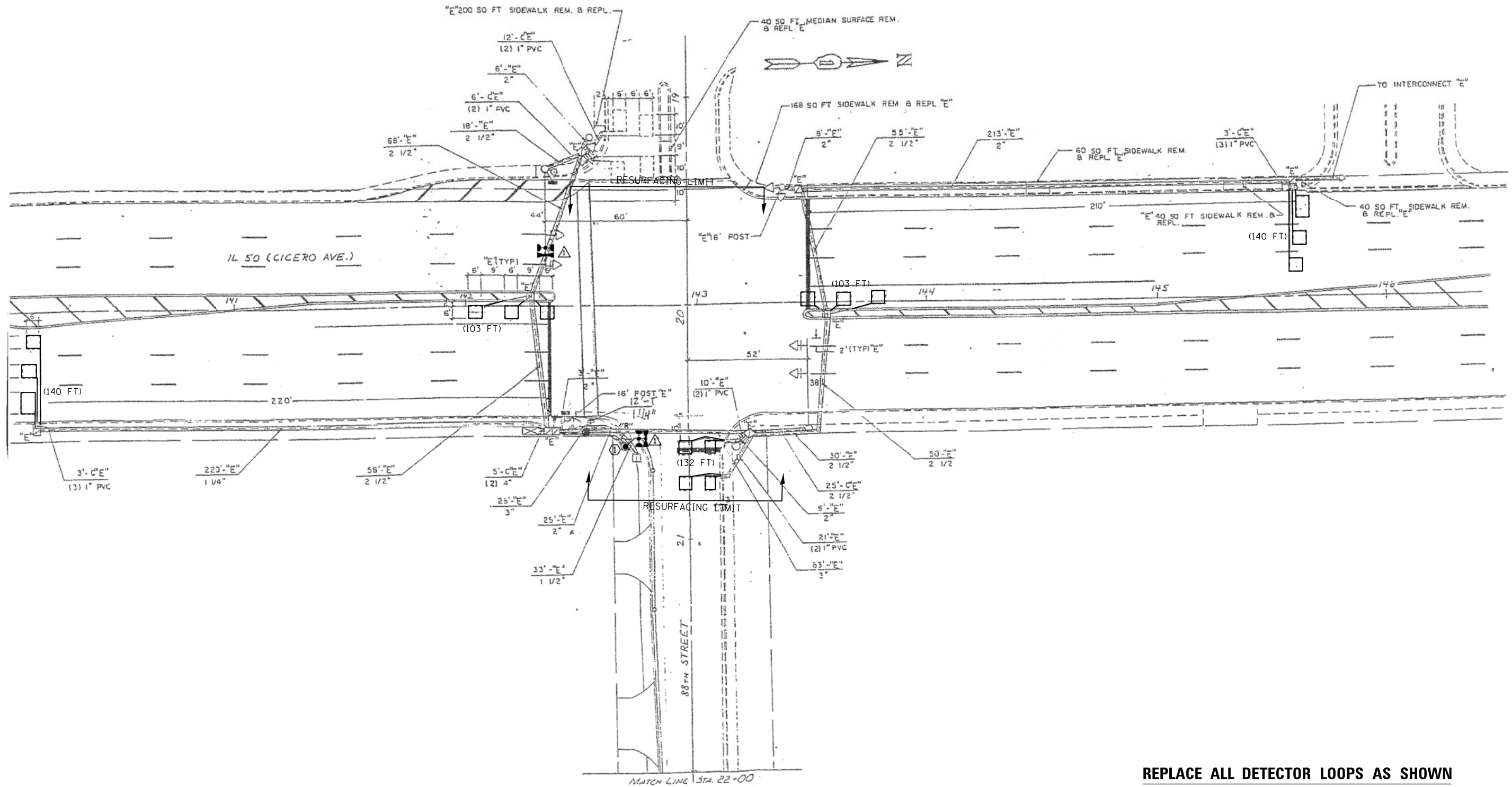
**DETECTOR LOOP REPLACEMENT PLAN
IL 50 AT 91ST ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	51
CONTRACT NO. 62A08				
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.



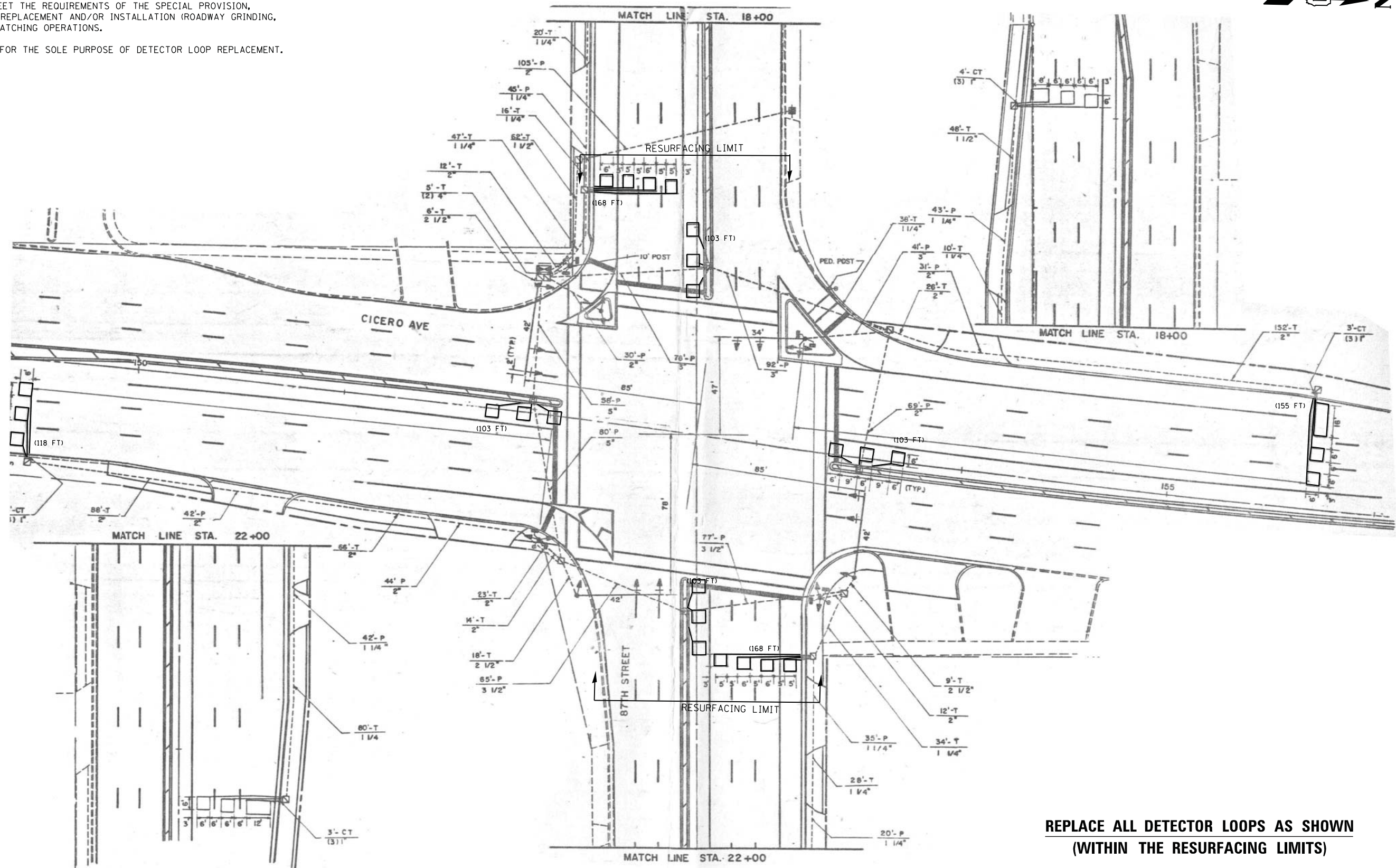
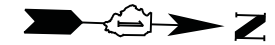
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	618	FOOT

FILE NAME =	USER NAME = curryja	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL 50 AT 88TH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\WP\Design\JC\Detector Loop Details\2017\62A08\Existing sheets\Detector Loop.dgn		DRAWN - ---	REVISED - ---			350	461RS-2	COOK	71	52	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - ---	REVISED - ---			CONTRACT NO. 62A08					
	PLOT DATE = 2/9/2017	DATE - ---	REVISED - ---			SCALE:	SHEET	OF	SHEETS	STA.	TO

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	1,021	FOOT

FILE NAME =	USER NAME = curryja	DESIGNED - ---	REVISED - ---
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - ---	REVISED - ---
	PLOT DATE = 2/9/2017	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 50 AT 87TH ST**

SCALE: SHEET OF SHEETS STA. TO STA.

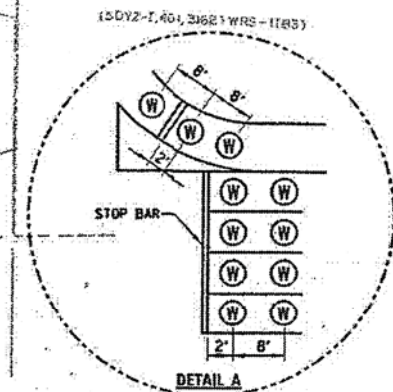
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	53
				CONTRACT NO. 62A08
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

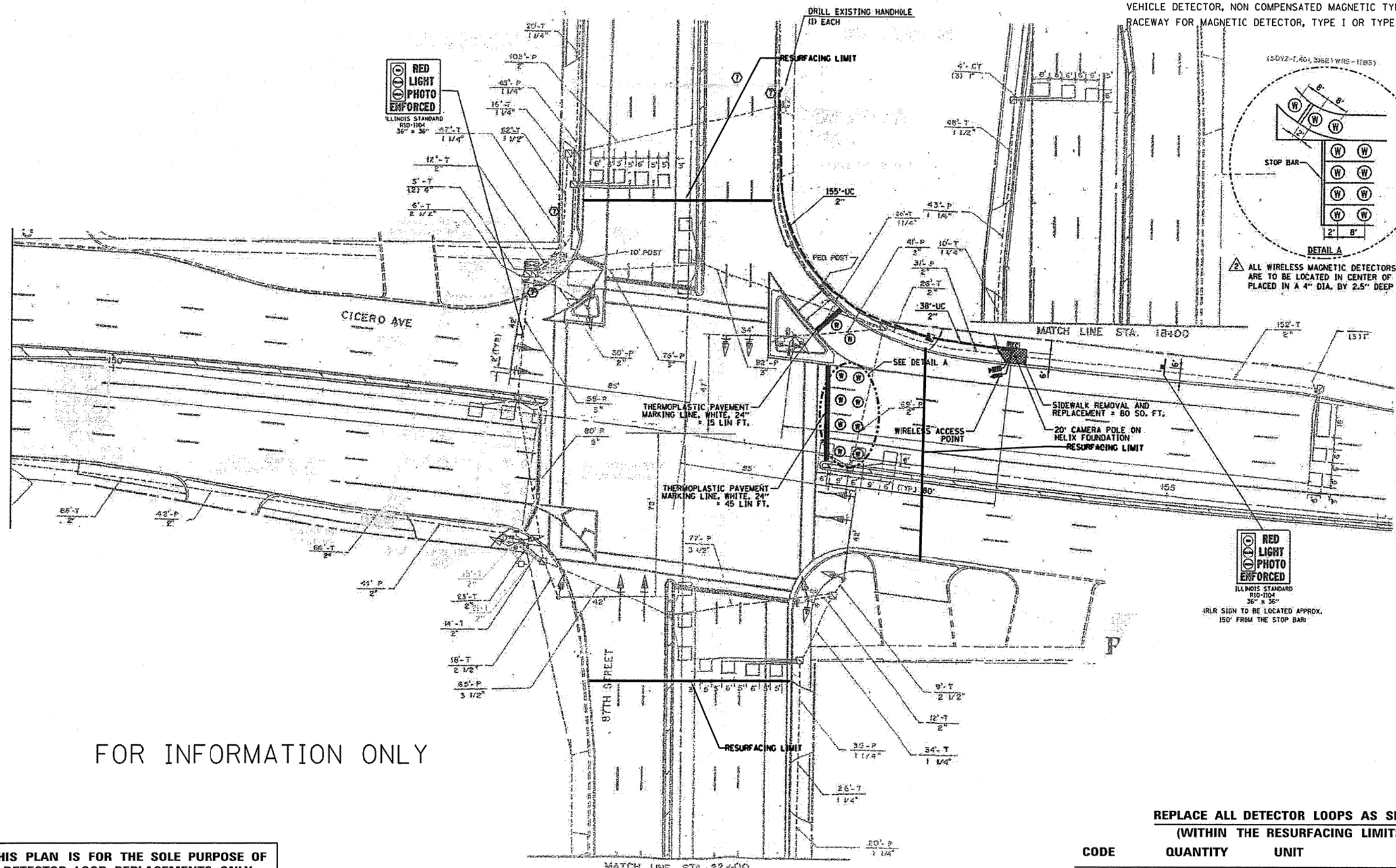
PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE	➔
SIGNAL HEAD	➔
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED	---
DETECTOR LOOP	□
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	⊞
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	⊞



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



ALL WIRELESS MAGNETIC DETECTORS ARE TO BE LOCATED IN CENTER OF LANE. PLACED IN A 4" DIA. BY 2.5" DEEP CORE.



FOR INFORMATION ONLY

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

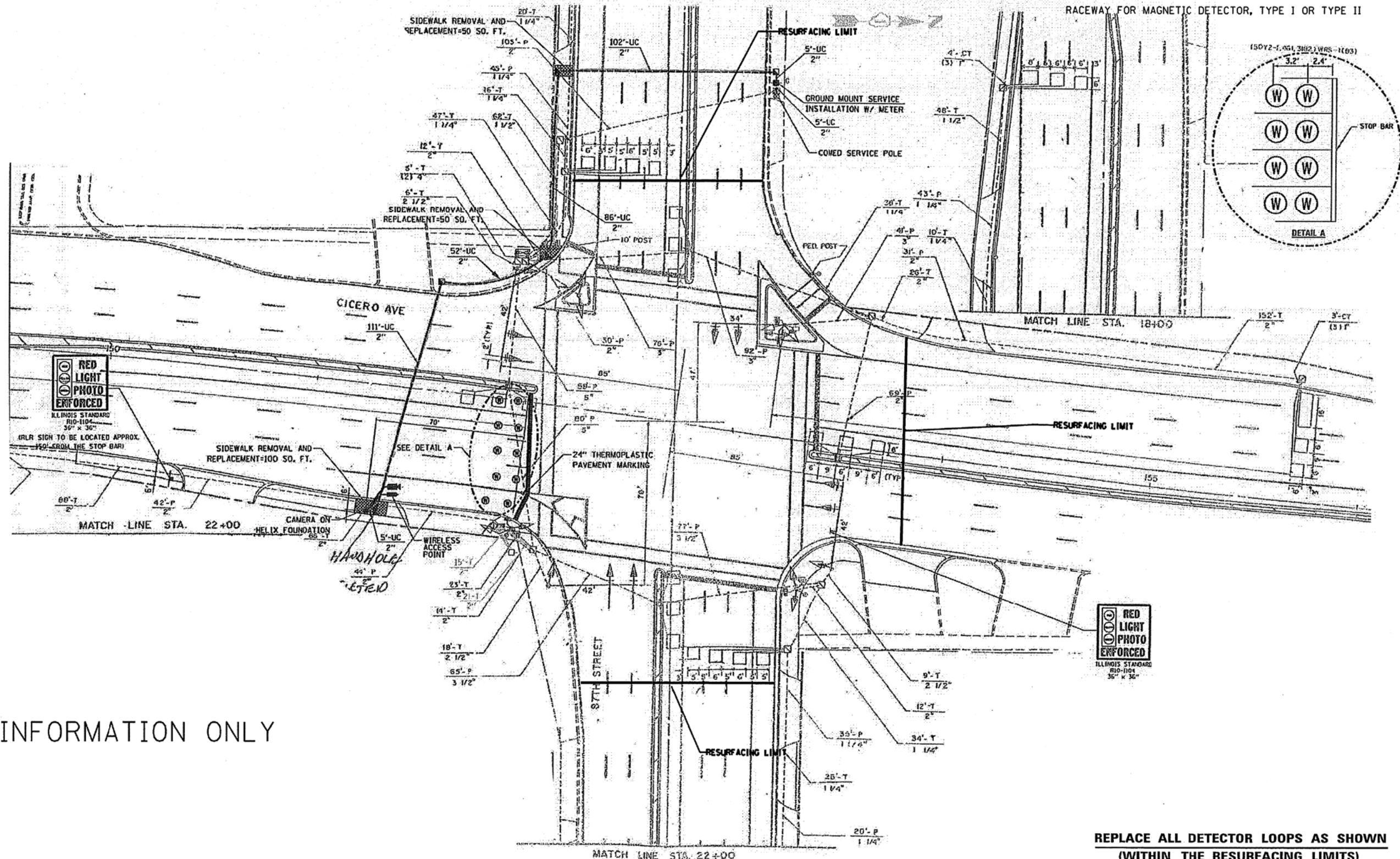
REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
88600700		FOOT	DETECTOR LOOP REPLACEMENT

FILE NAME =	USER NAME = curryje	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE - DETECTOR LOOP REPLACEMENT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\WP\Design\JC\Detector Loop Detail\16	ABB\Detector Loop.dgn	DRAWN -	REVISED -			350	461RS-2	COOK	71	54	
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	PLOT DATE = 2/5/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TRAFFIC SIGNAL LEGEND

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



FOR INFORMATION ONLY

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

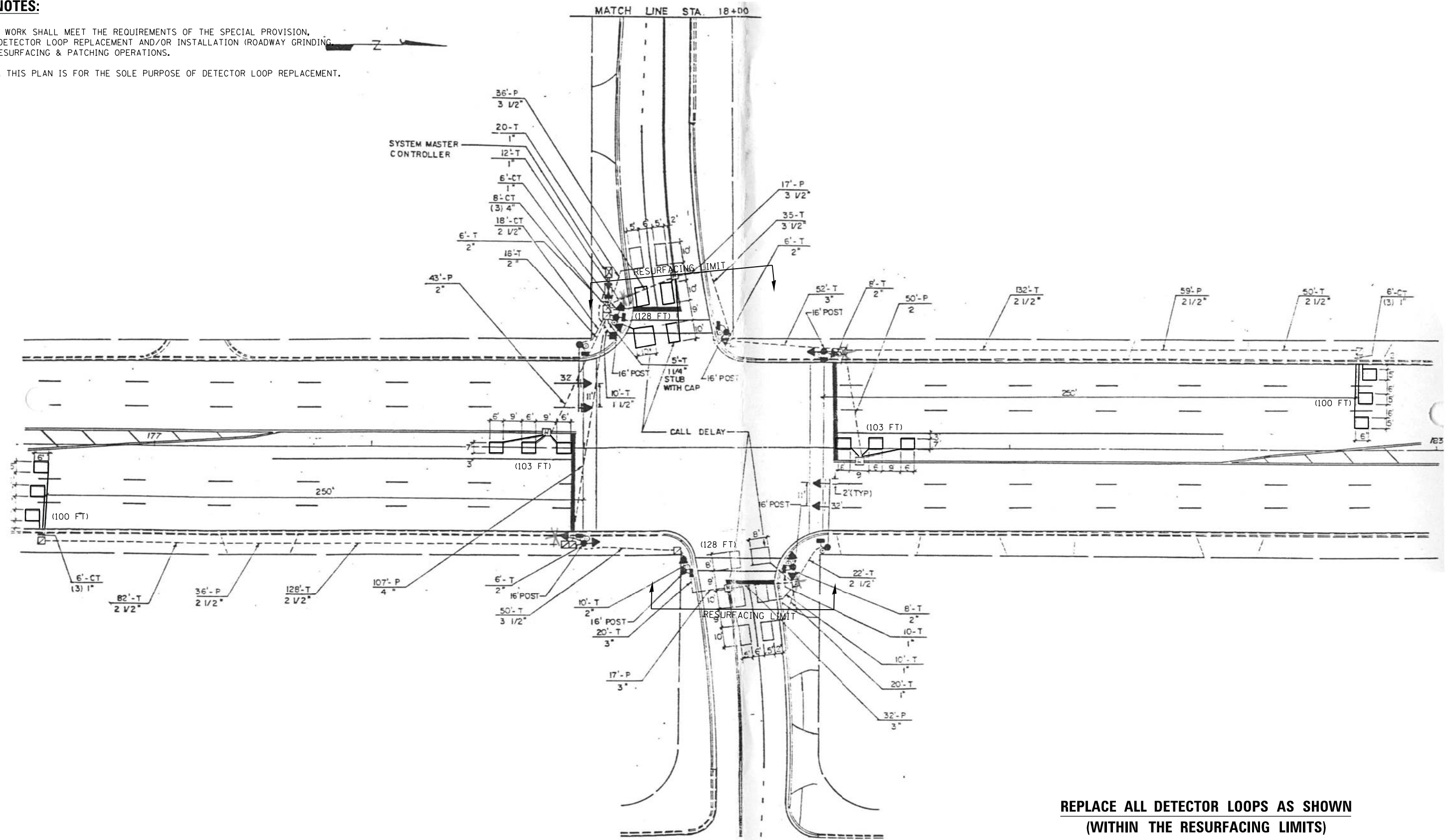
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	QUANTITY	UNIT	ITEM
88600700		FOOT	DETECTOR LOOP REPLACEMENT

FILE NAME =	USER NAME = curryjs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE - DETECTOR LOOP REPLACEMENT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\WP\Design\JC\Detector Loop Details\6888\Detector Loop.dgn	PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -			350	461RS-2	COOK	71	55	
	PLOT DATE = 2/5/2015	CHECKED -	REVISED -			CONTRACT NO. 62A08					
		DATE	REVISED -			FED. ROAD DIST. NO. [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.

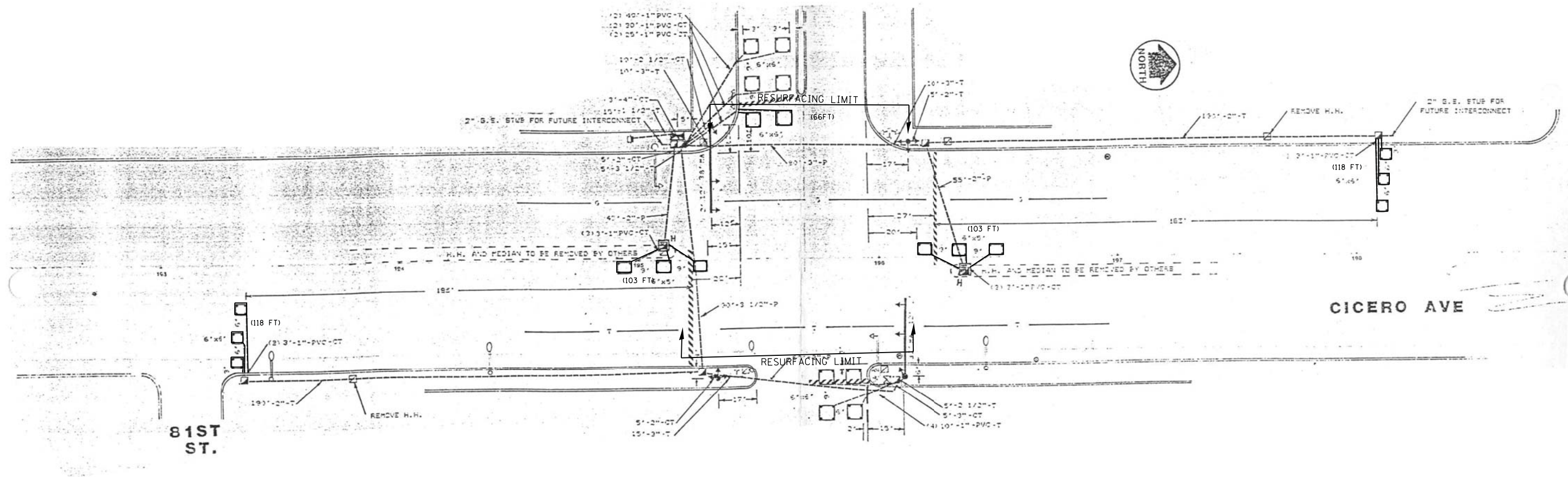


**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	662	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	500	FOOT

FILE NAME =	USER NAME = curryja	DESIGNED - ---	REVISED - ---
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Default	PLOT SCALE = 48.0000' / in.	CHECKED - ---	REVISED - ---
	PLOT DATE = 2/9/2017	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

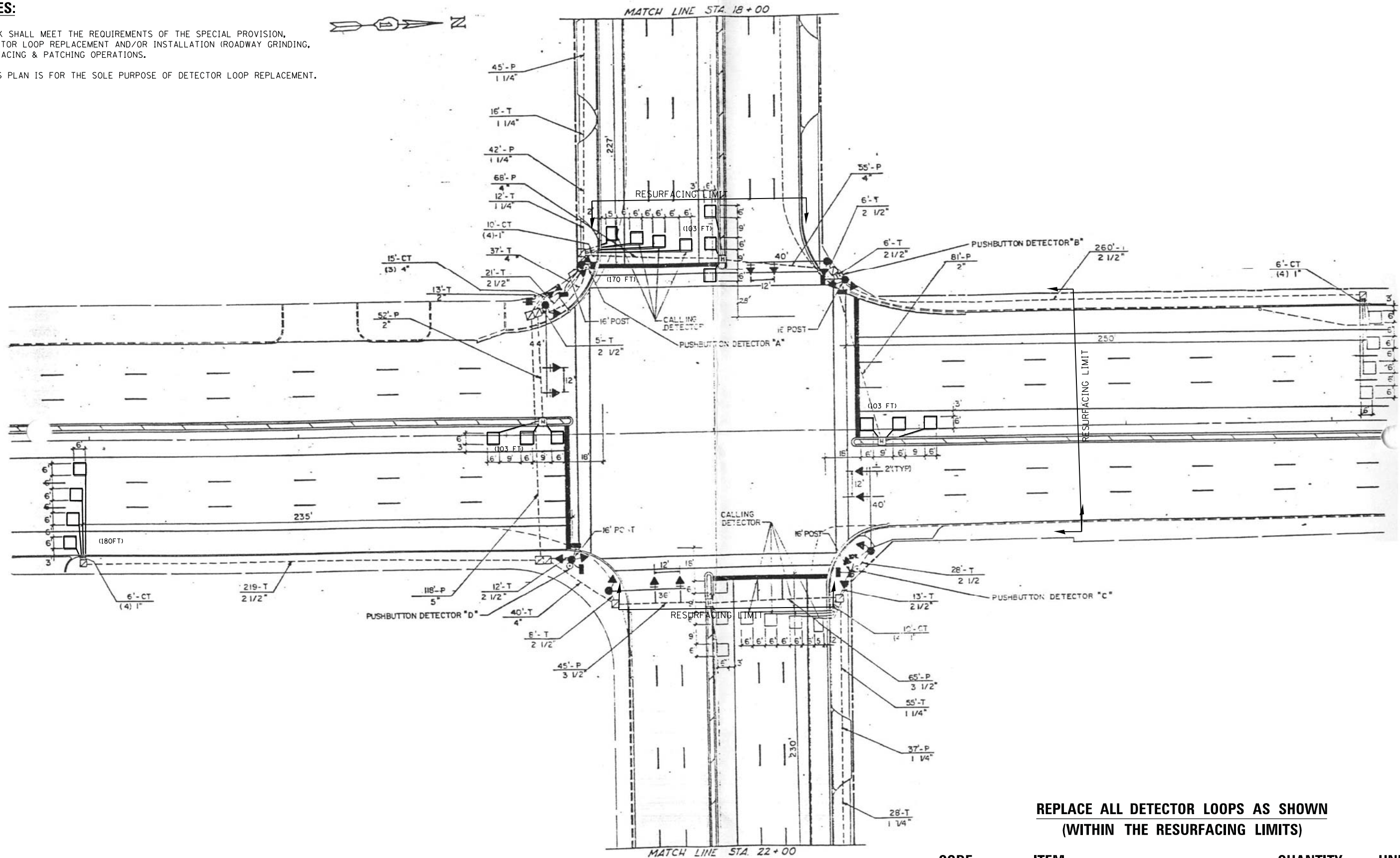
**DETECTOR LOOP REPLACEMENT PLAN
IL 50 AT 80TH ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	57
CONTRACT NO. 62A08				
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	659	FOOT

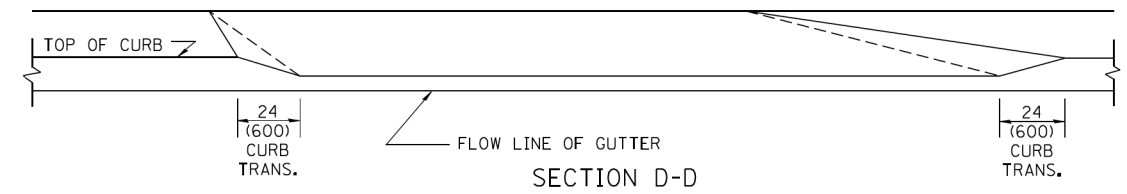
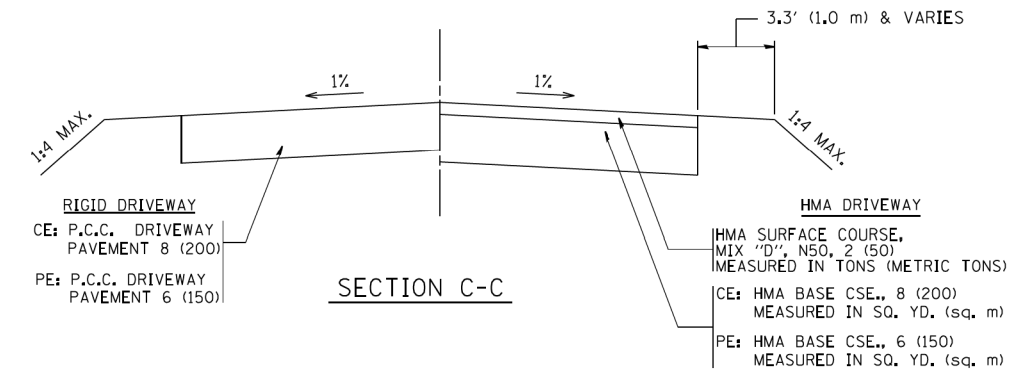
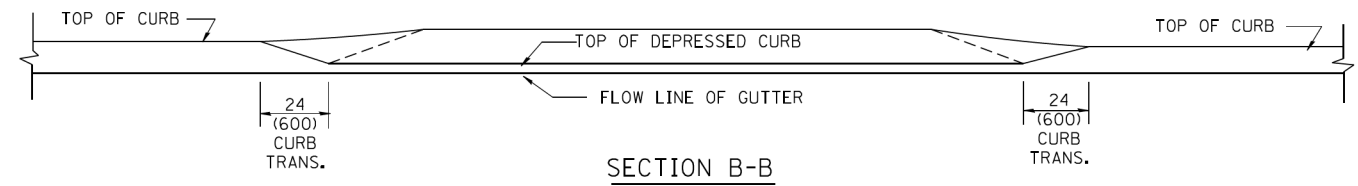
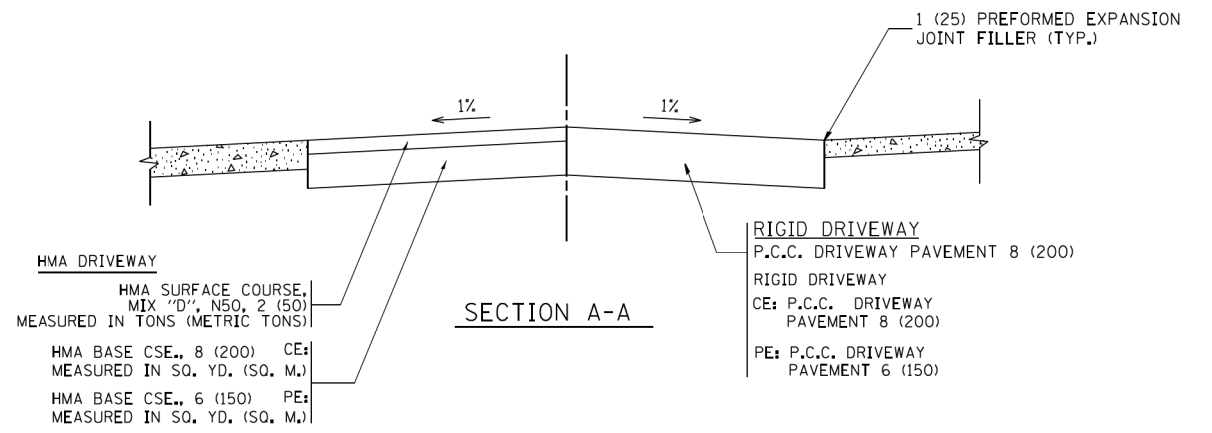
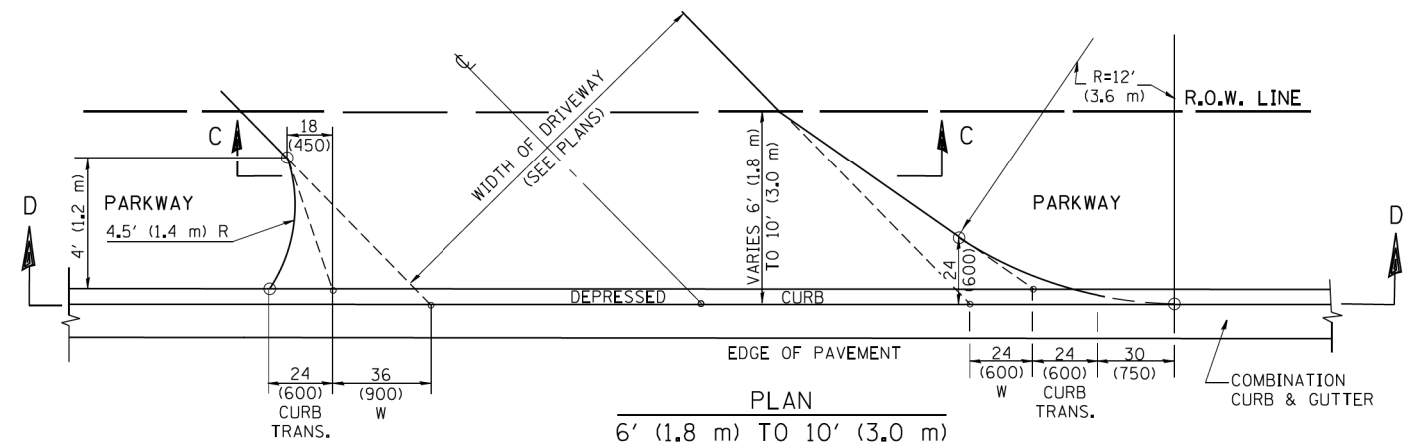
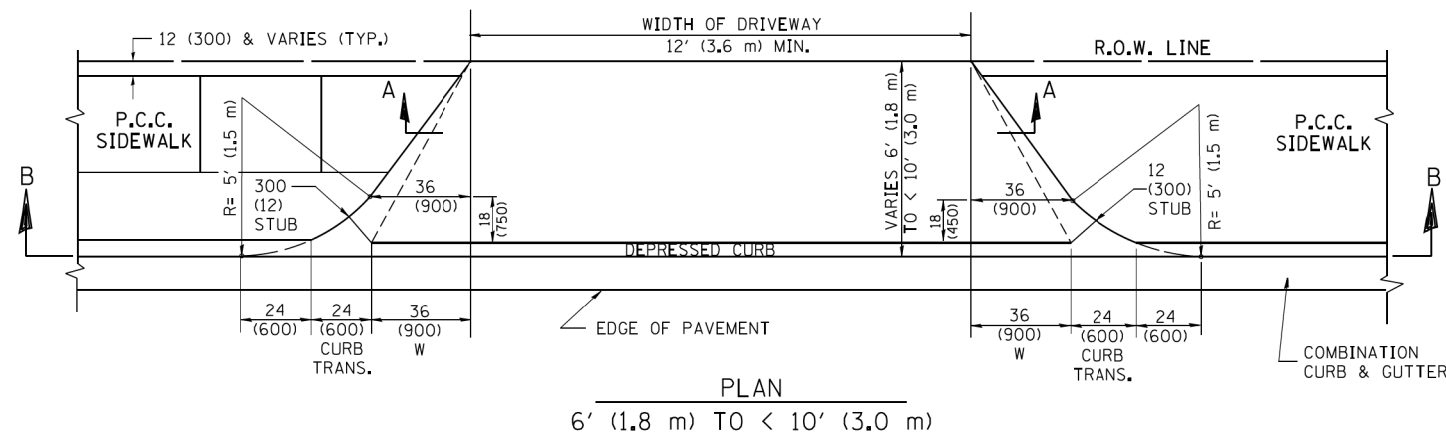
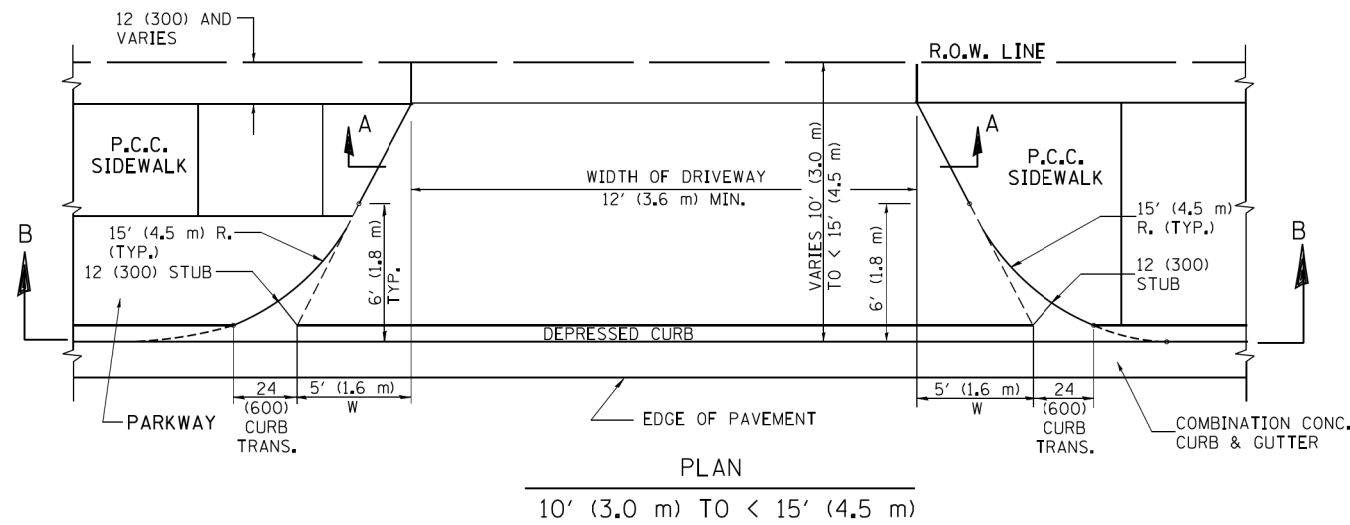
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - ---	REVISED - ---
	PLOT DATE = 2/9/2017	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 50 AT 79TH ST**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	58
			CONTRACT NO. 62A08	
ILLINOIS FED. AID PROJECT				



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).

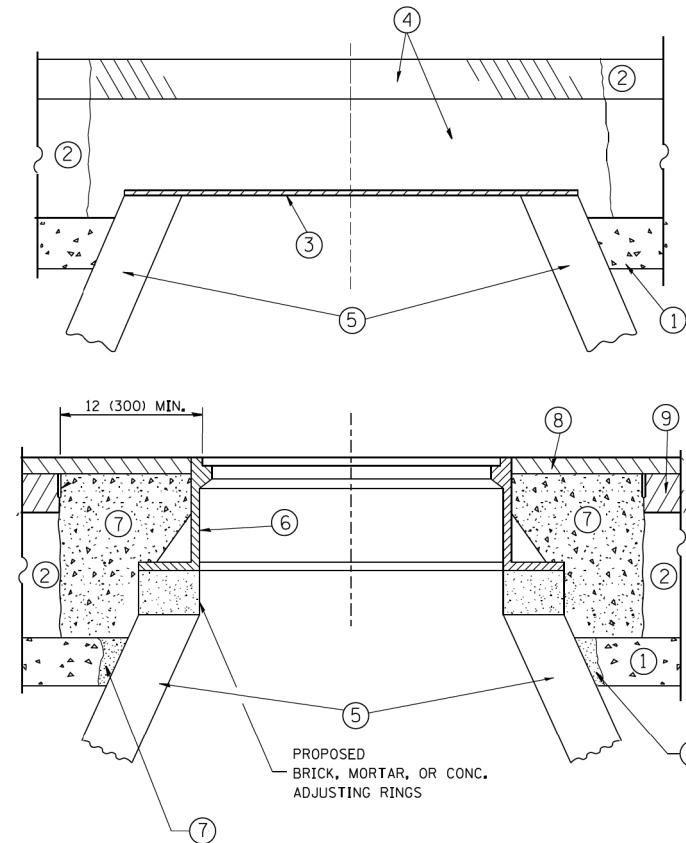
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = lcyss	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
ca:\pwork\pwork\lcyss\d0108315\bd02.dgn		DRAWN -	REVISED - P. LOFLEUR 04-15-03
	PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 10/28/2011	DATE - 11-06-95	REVISED - R. BORO 09-06-11

**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	461RS-2	COOK	71	59
BD400-02 (BD-02)			CONTRACT NO. 62A08	
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
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

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

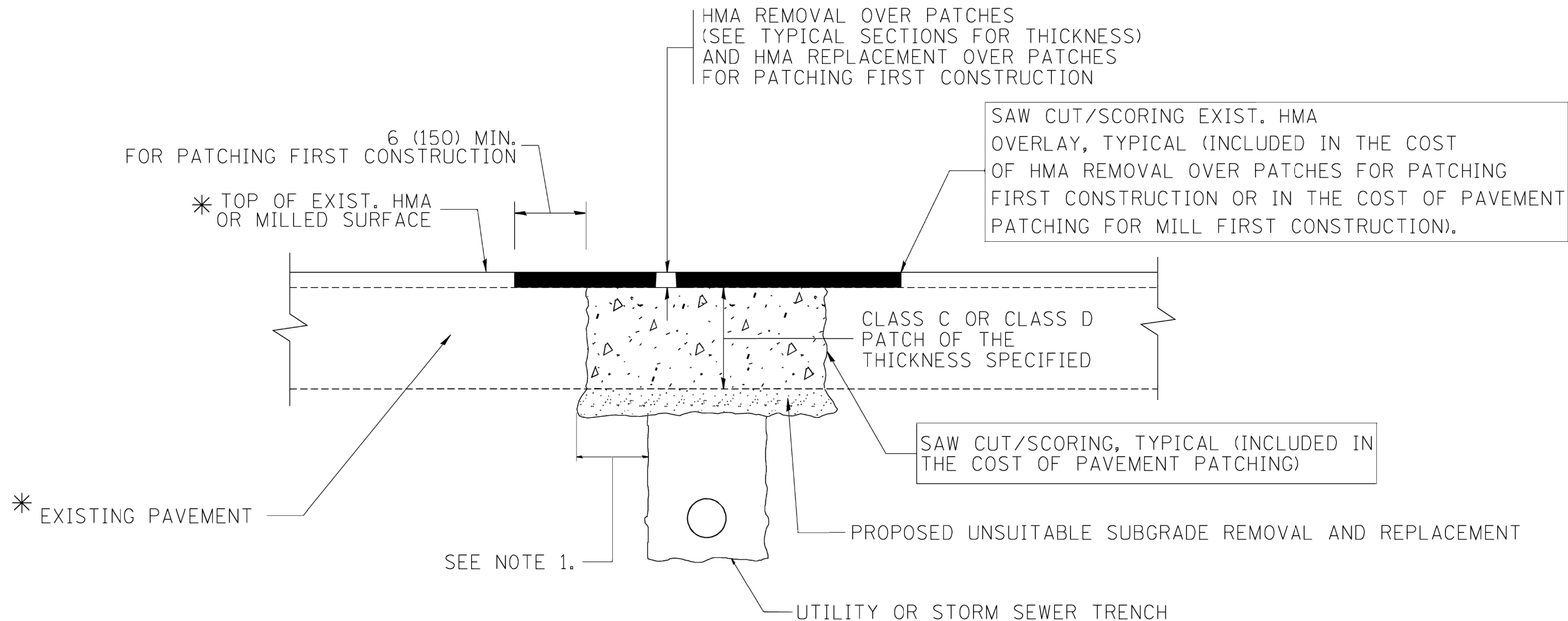
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	60
BD600-03 (BD-8)		CONTRACT NO. 62A08		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

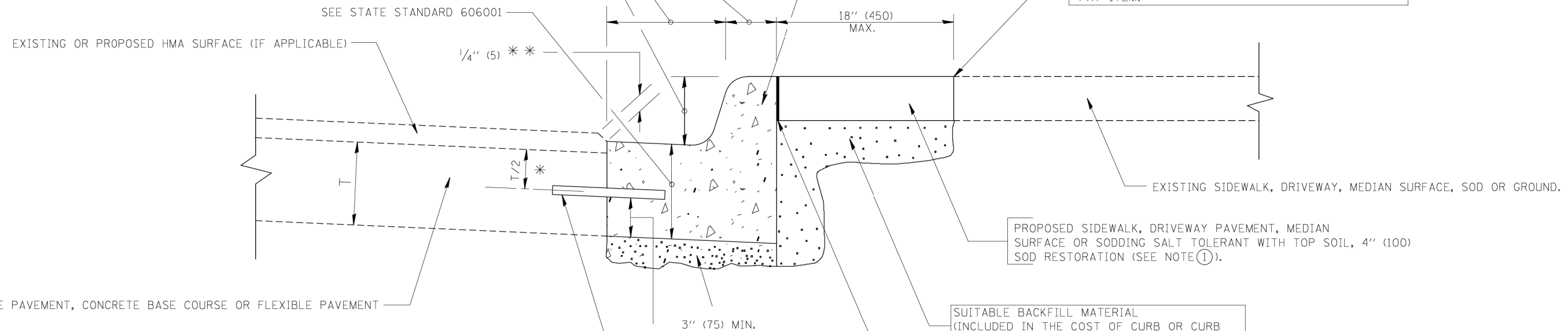
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	350	461RS-2	COOK	71	61
		PLOT SCALE = 50.000' / IN.	CHECKED -		REVISED - R. BORO 09-04-07				BD400-04 (BD-22)		CONTRACT NO. 62A08		
		PLOT DATE = 10/27/2008	DATE - 10-25-94		REVISED - K. ENG 10-27-08				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.



PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

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 USABLE 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".

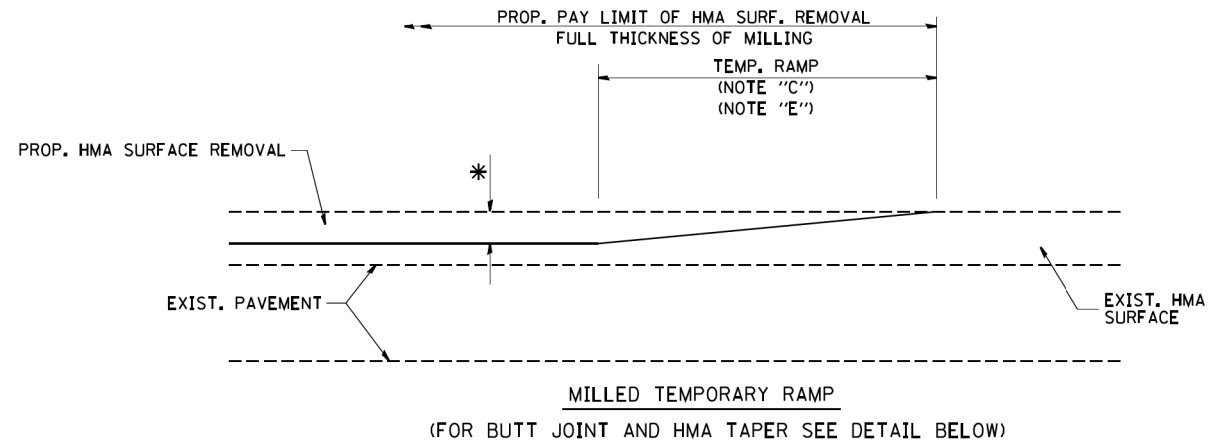
- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

- 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.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

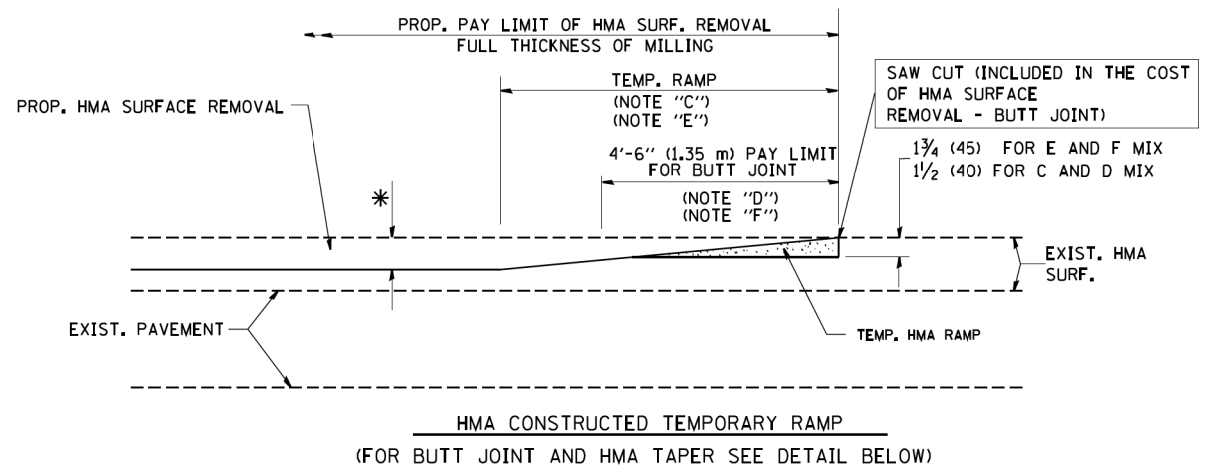
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drivkosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\p\work\p\dot\drivkosgn\d0108315\bc24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01			350	461RS-2	COOK	71	62	
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 12-15-09				BD600-06 (BD-24)		CONTRACT NO. 62A08			
PLOT DATE = 12/15/2009	DATE - 03-11-94					SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.	



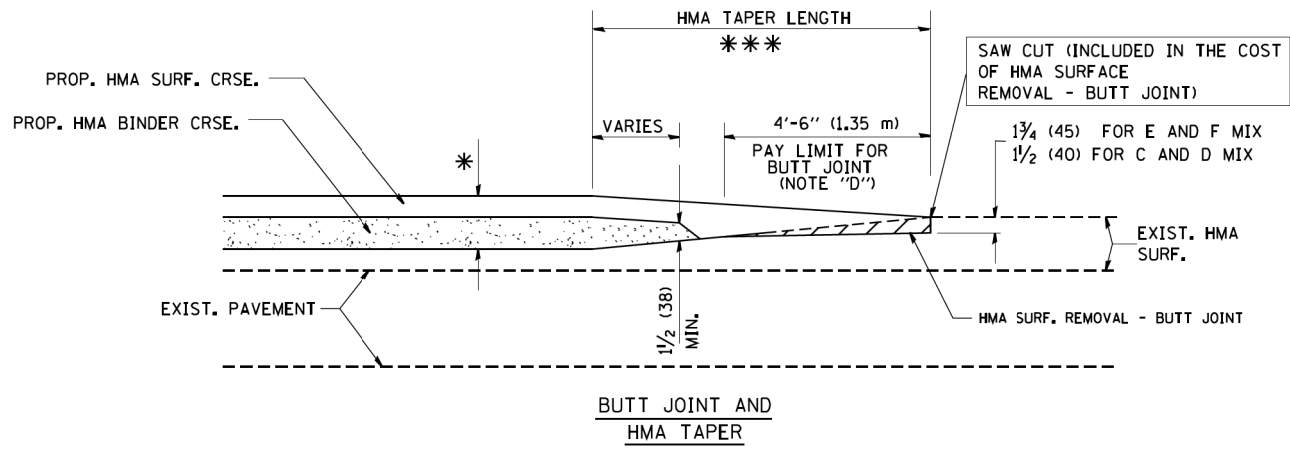
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

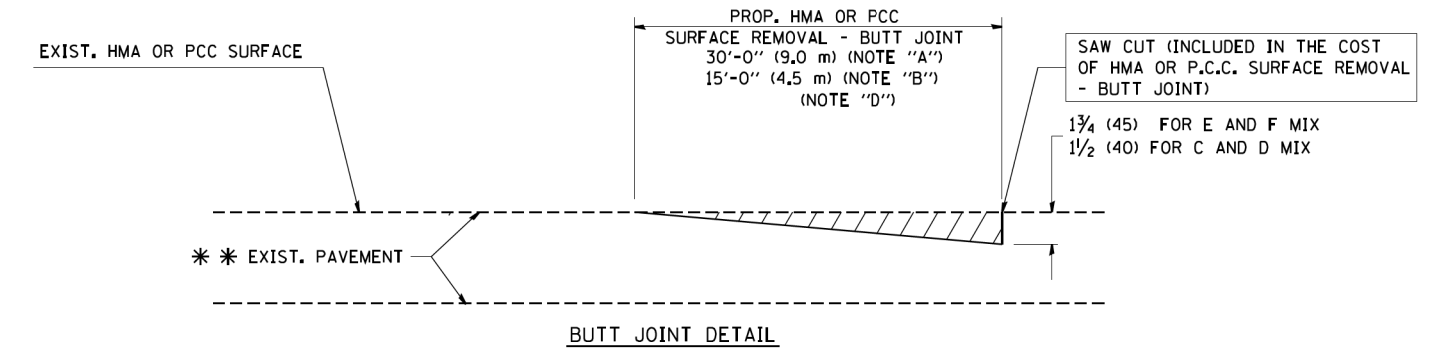


HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

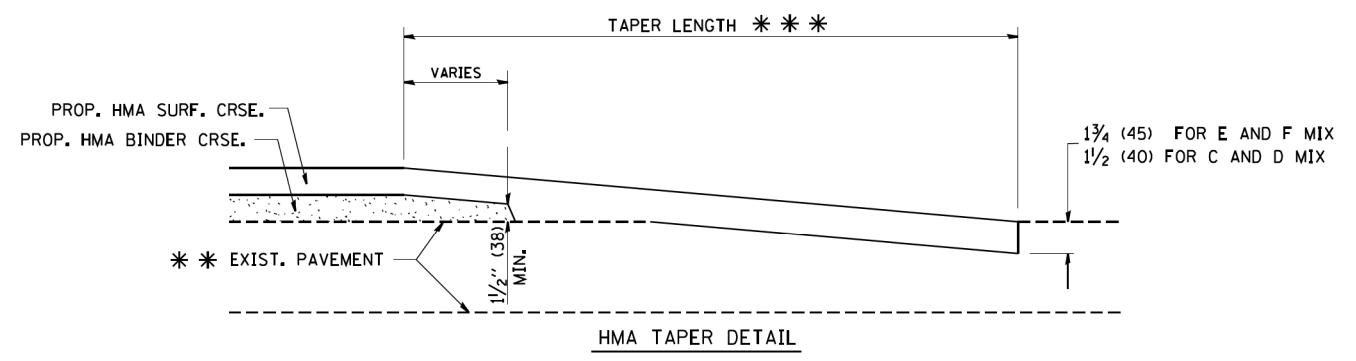
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

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

NOTES

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

BASIS OF PAYMENT:

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

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

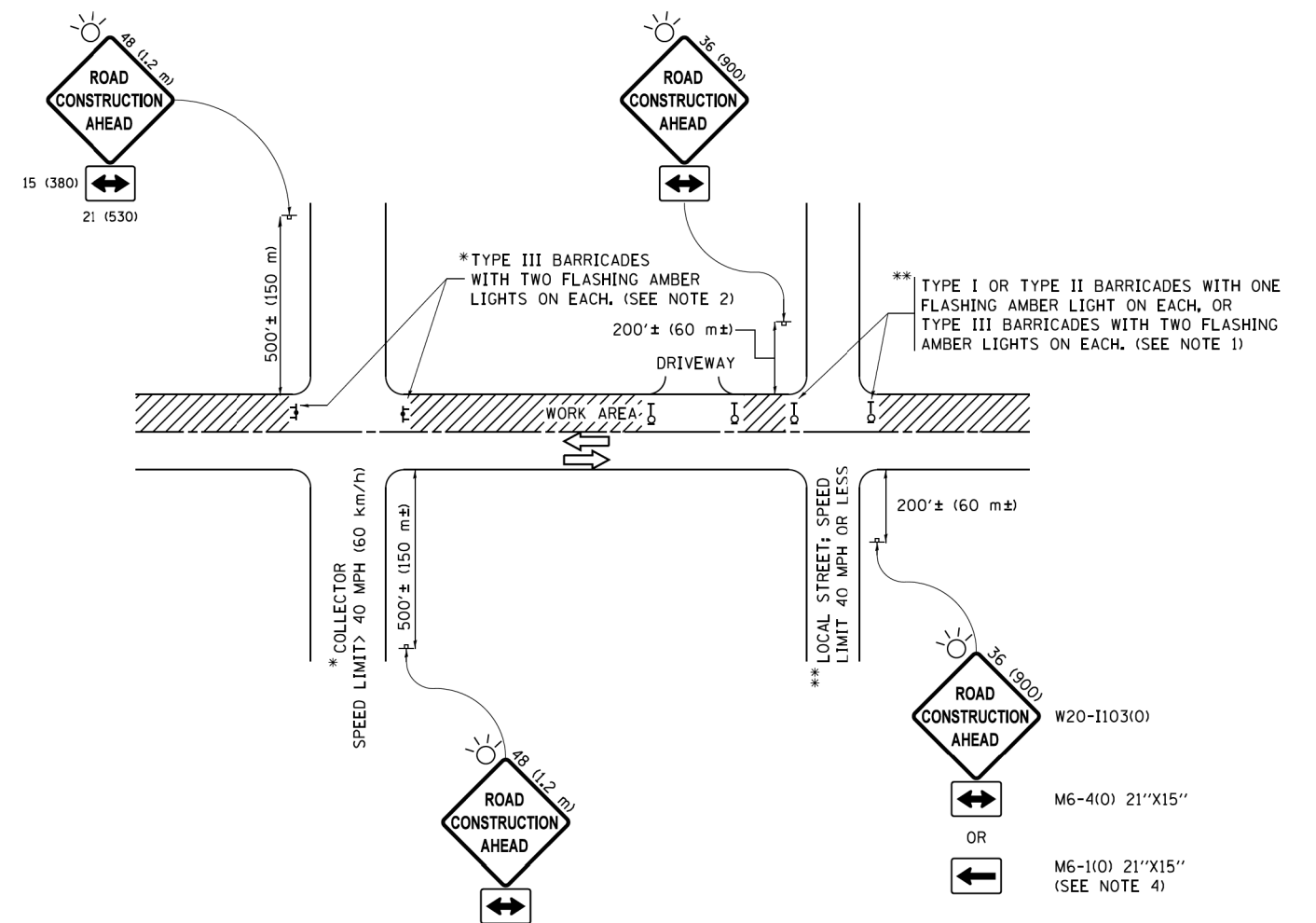
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	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	63
BD400-05 BD32			CONTRACT NO. 62A08	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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.

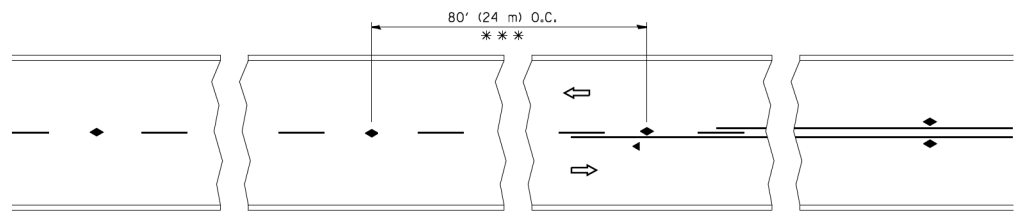
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pw\1\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\Dist1\084EBID\CADD\cadd\CADsheets\to10.dgn		DRAWN	REVISED - T. RAMMACHER 01-06-00
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	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

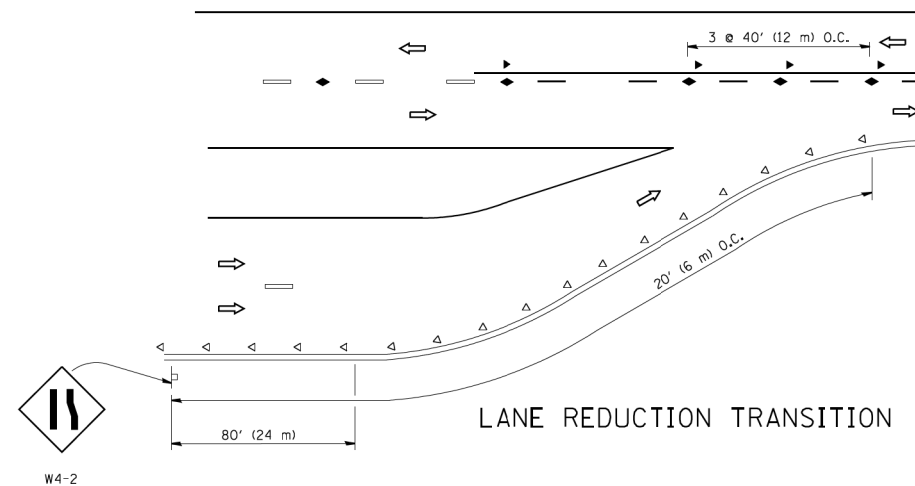
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	64
TC-10			CONTRACT NO. 62A08	
ILLINOIS FED. AID PROJECT				

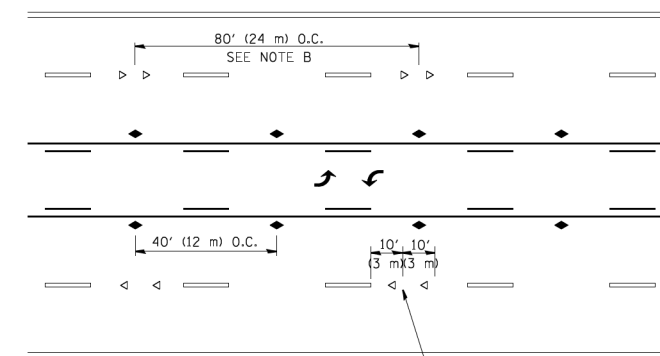


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

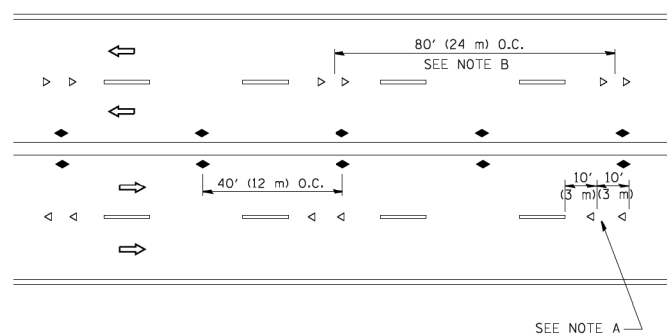
TWO-LANE/TWO-WAY



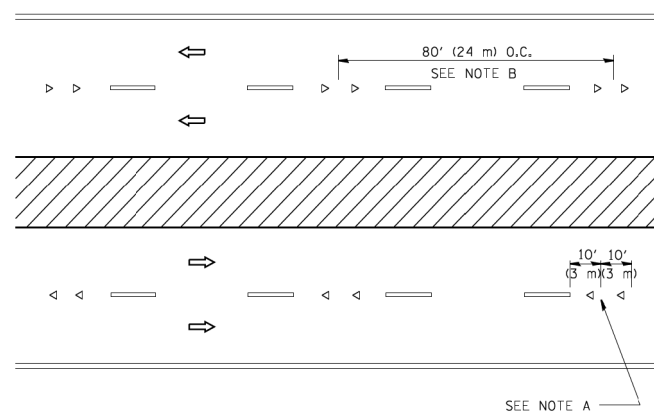
LANE REDUCTION TRANSITION



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

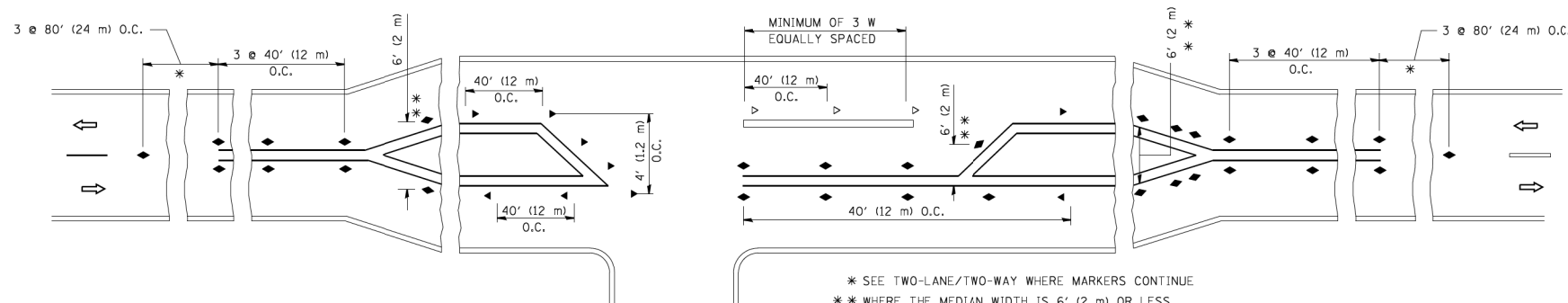
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

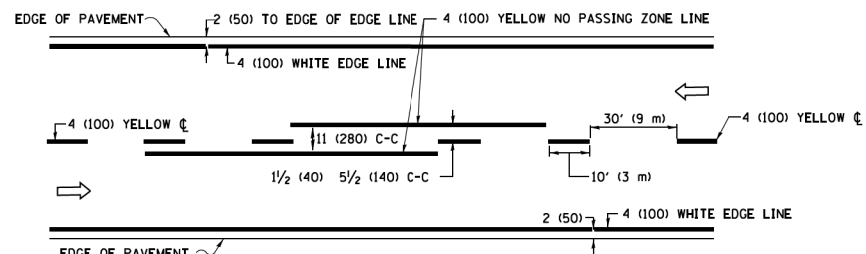
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

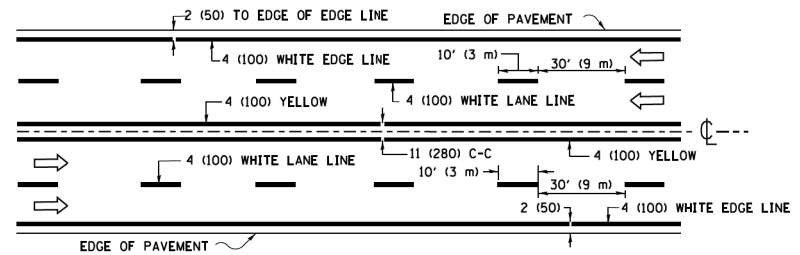
TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

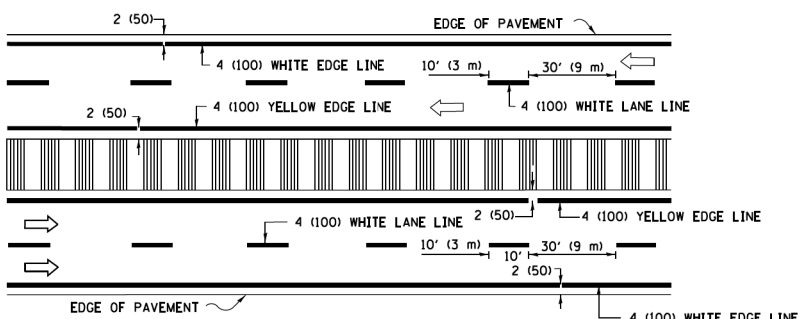
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	65
TC-11		CONTRACT NO. 62A08		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

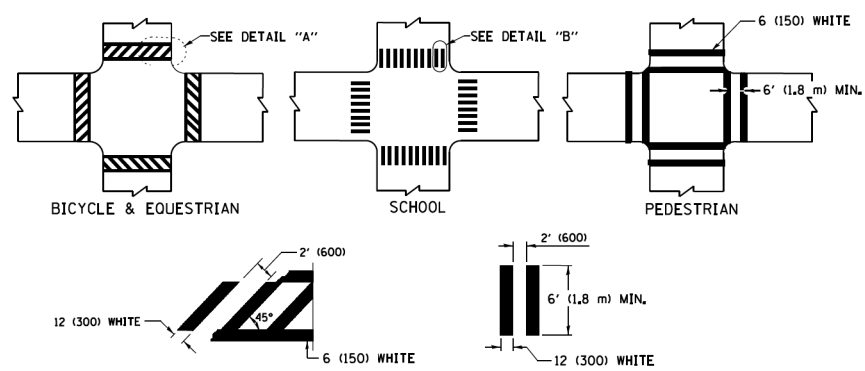


MULTI-LANE UNDIVIDED



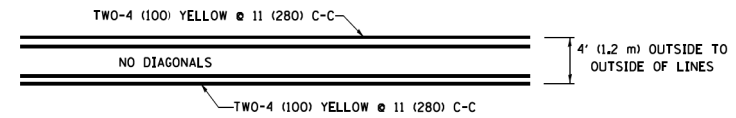
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

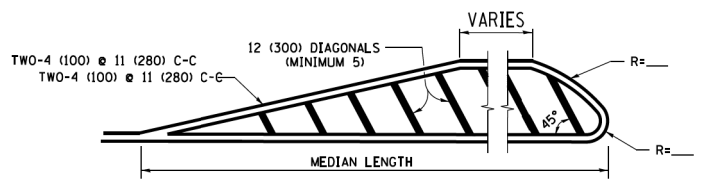


TYPICAL CROSSWALK MARKING

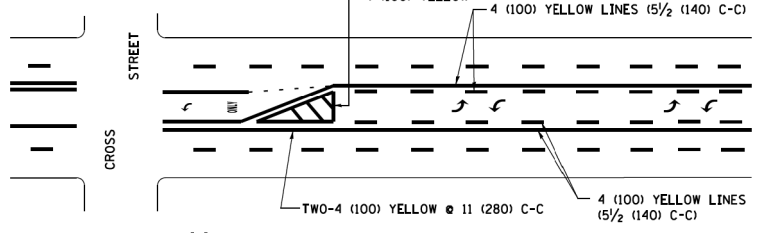
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



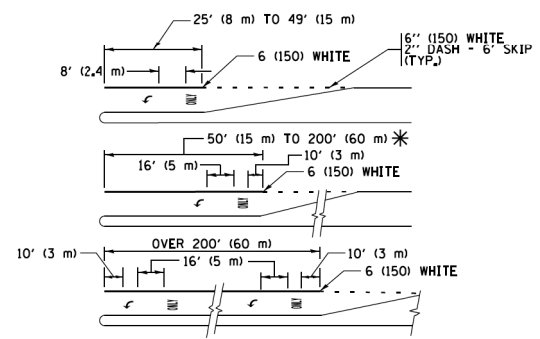
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



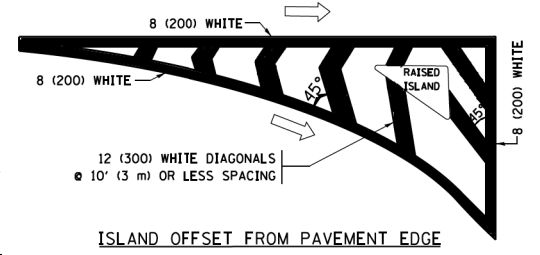
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



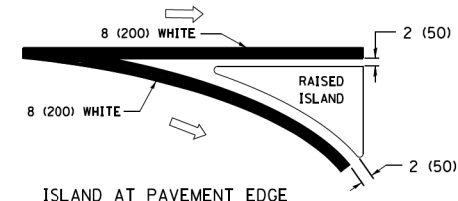
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

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

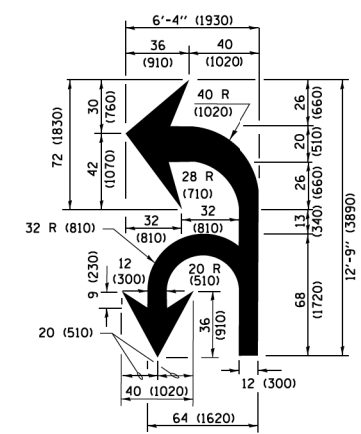
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



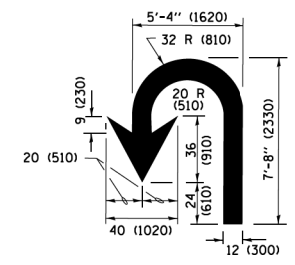
ISLAND OFFSET FROM PAVEMENT EDGE



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.
CORE 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 (30 MPH (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 "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"
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' (25 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 = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\1\084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\Dist	DRAWN = CADData\CADsheets\tc13.dgn	CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 50,000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 4/13/2016		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	461RS-2	COOK	71	66
TC-13			CONTRACT NO. 62A08	
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

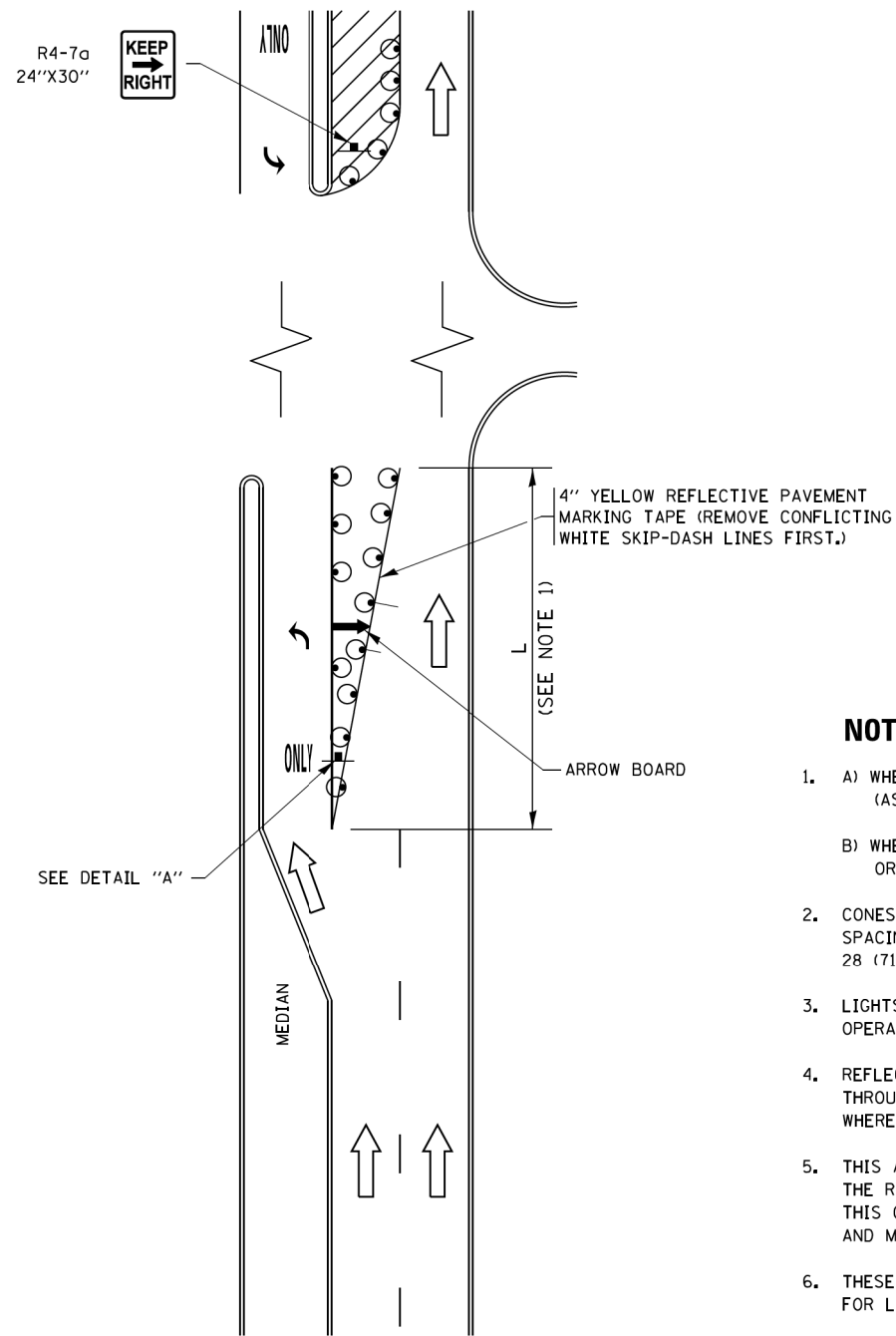
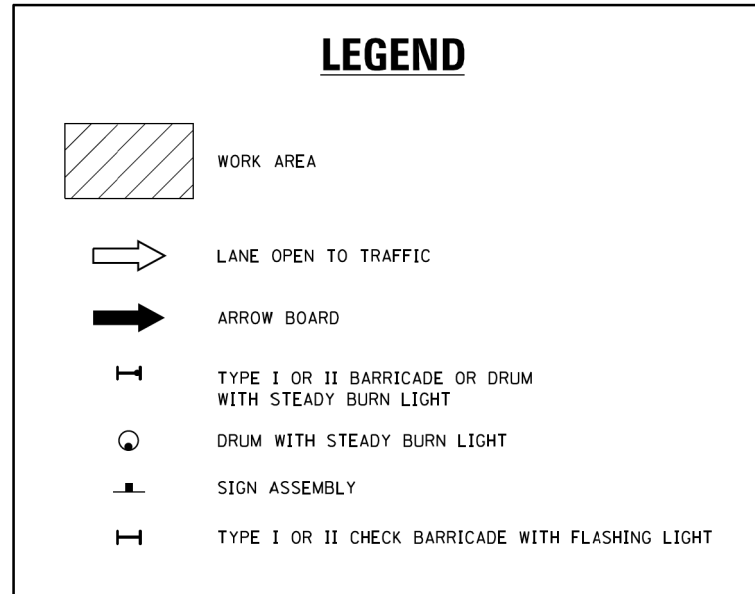


FIGURE 1



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-I100R 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.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

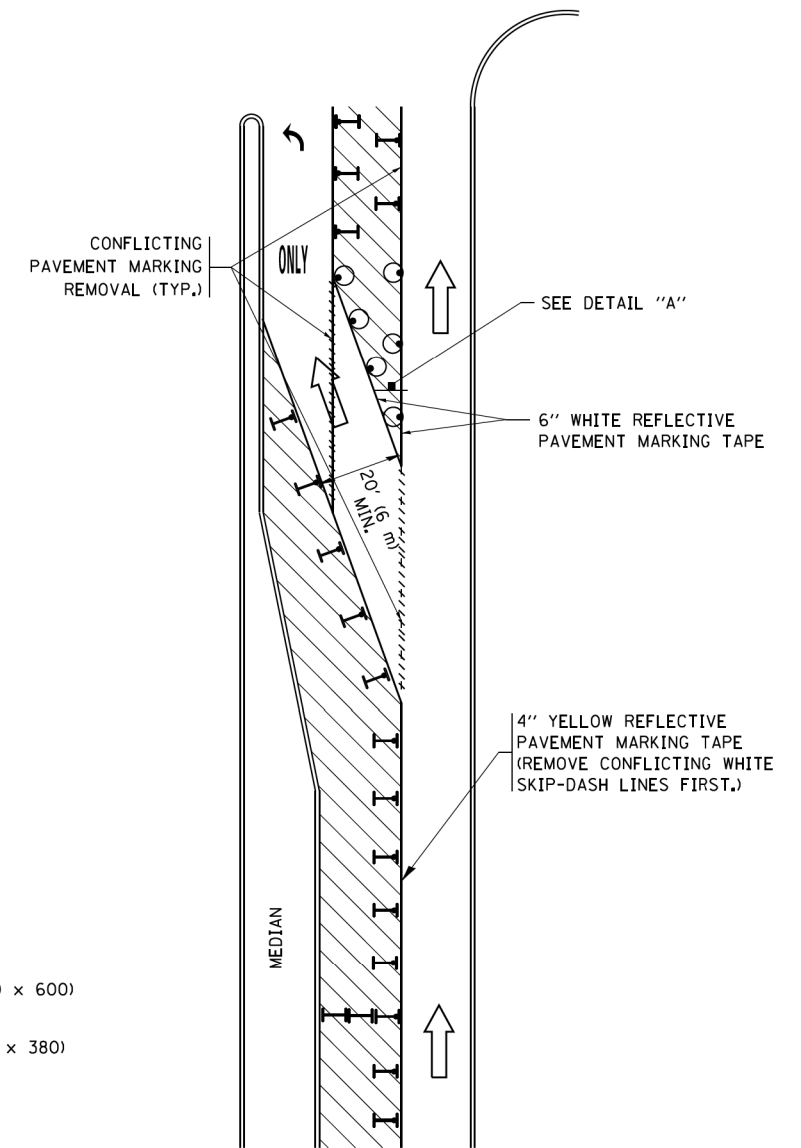
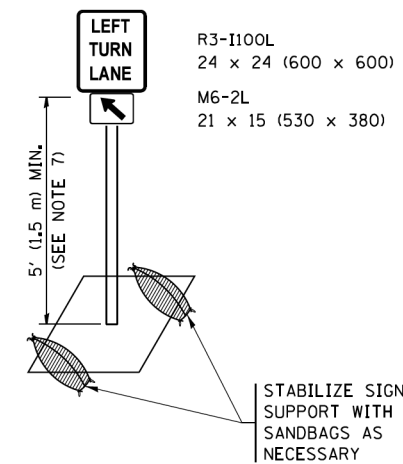


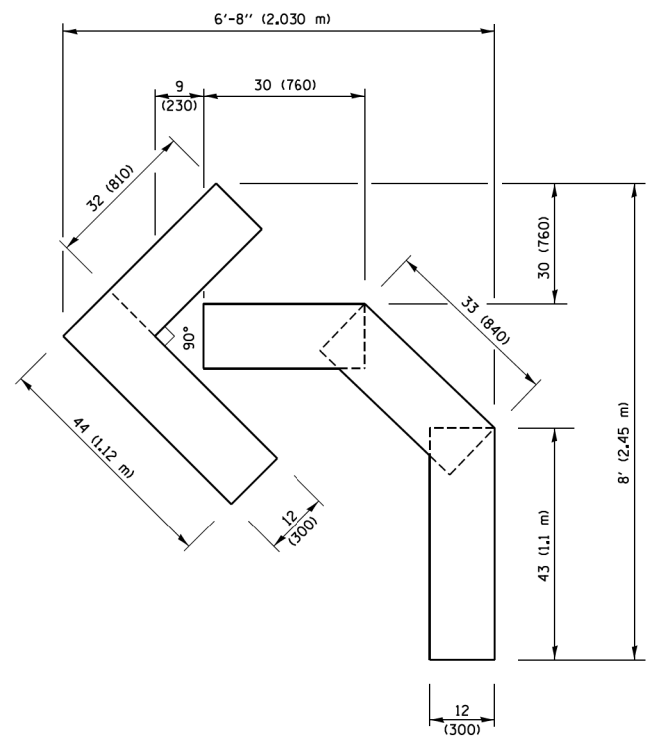
FIGURE 2



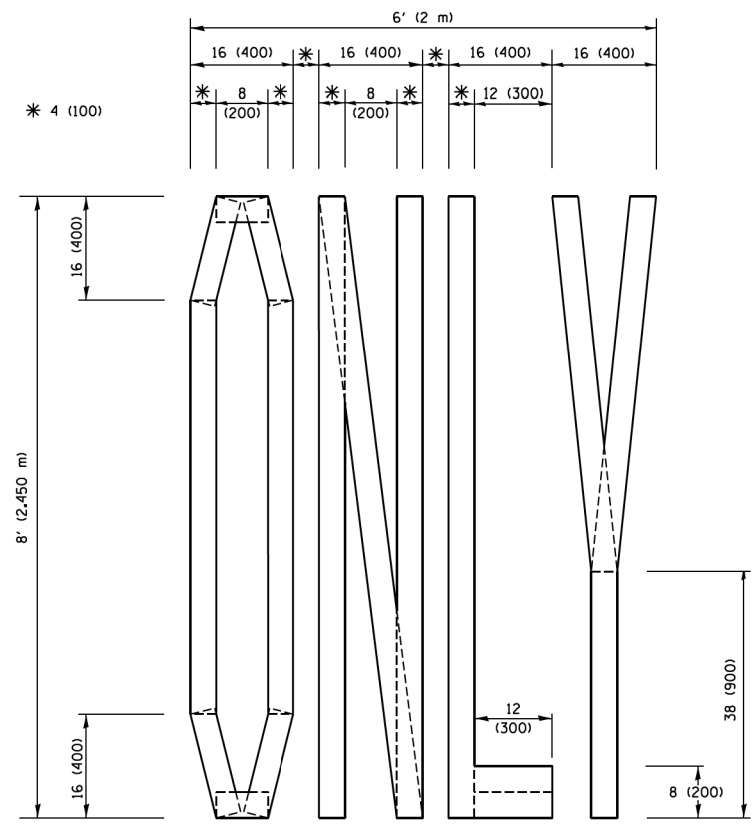
DETAIL A

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

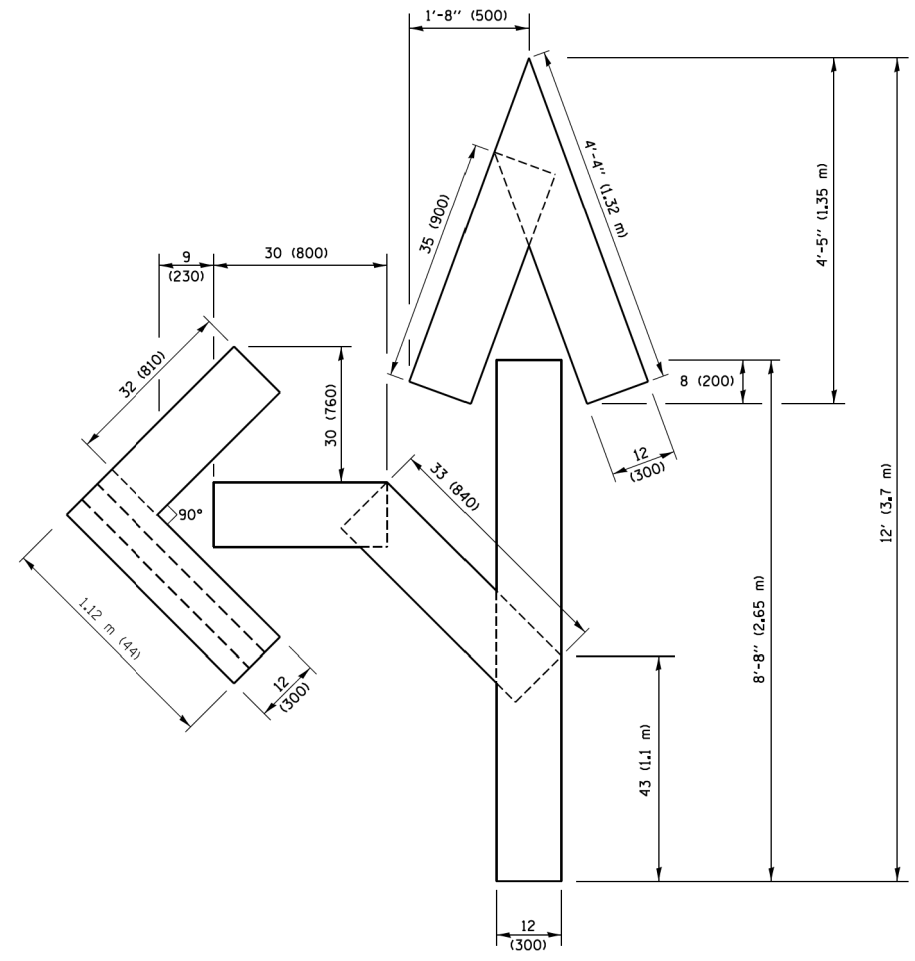
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Default	Default	REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13			350	461RS-2	COOK	71	67	
	PLOT SCALE = 50,0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			TC-14		CONTRACT NO. 62A08			
	PLOT DATE = 9/15/2016	REVISED - T. RAMMACHER 01-06-00	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.				



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

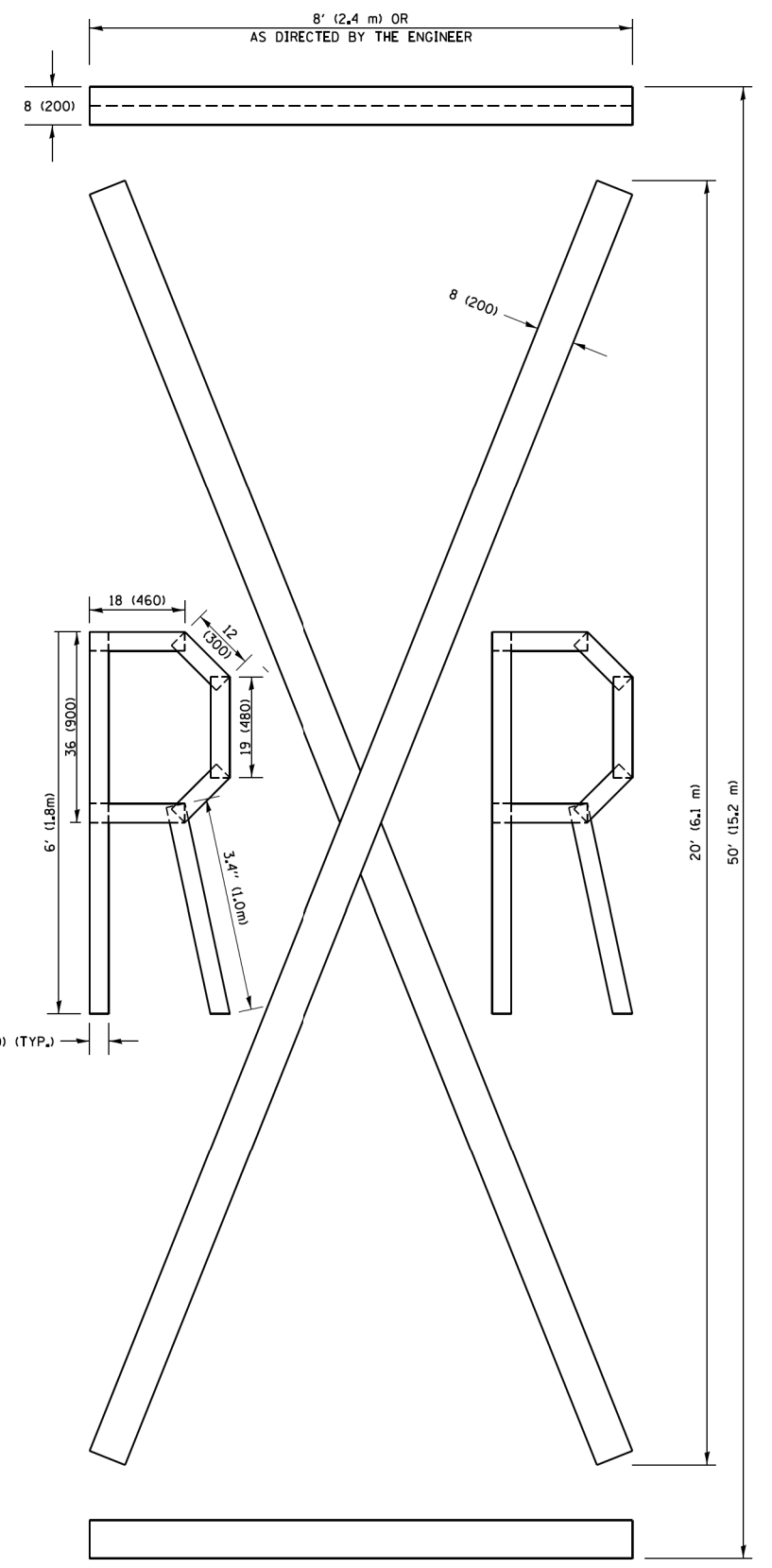


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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)

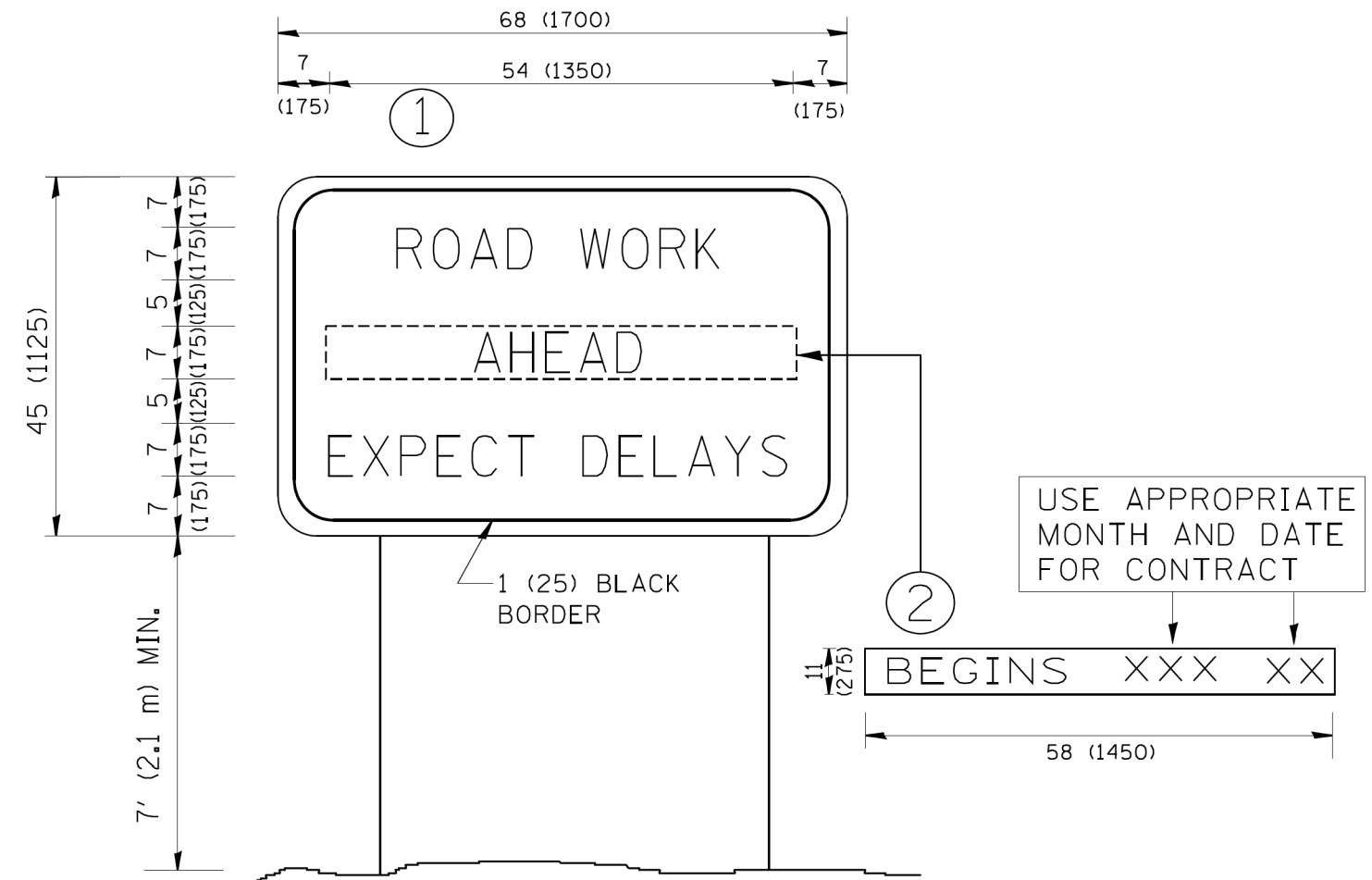
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED -T. RAMMACHER 03-02-98
pw\1\084E81D\INTEG\illinois.gov\FWIDOT\Documents\JDOT_Offices\District_1\Projects\Dist1\CADData\CADsheets\tc16.dgn		DRAWN	REVISED -E. GOMEZ 08-28-00
PLOT SCALE = 50,0000 / 1 in.		CHECKED -	REVISED -E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016		DATE -	REVISED -A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	68
TC-16		CONTRACT NO. 62A08		
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.

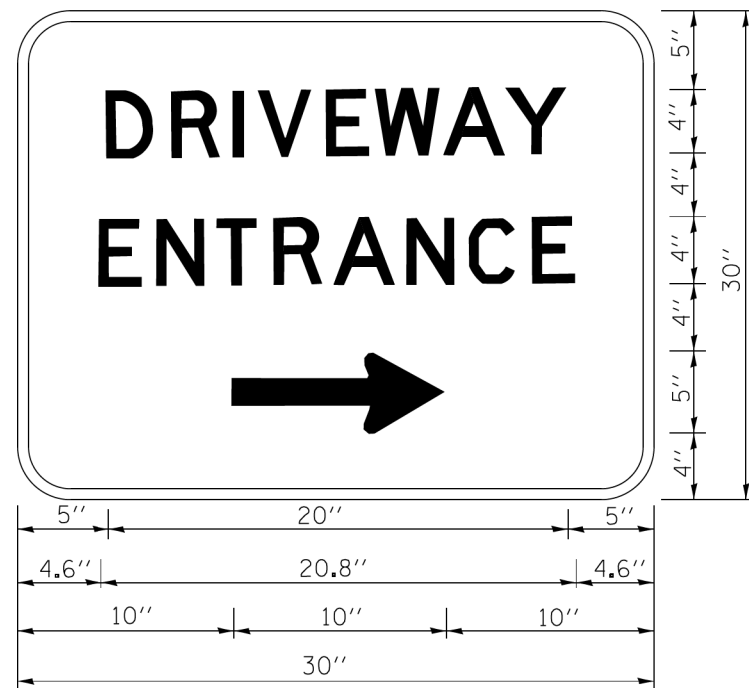
FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gegl1enobt	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97 REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	REVISED - C. JUCIUS 01-31-07
PLOT DATE = 1/4/2008	DATE -		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.P. RTE. 350	SECTION 461RS-2	COUNTY COOK	TOTAL SHEETS 71	SHEET NO. 69
TC-22			CONTRACT NO. 62A08	
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 = gaglianob	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ca\pwork\pwork\gaglianob\d0108315\tp6.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

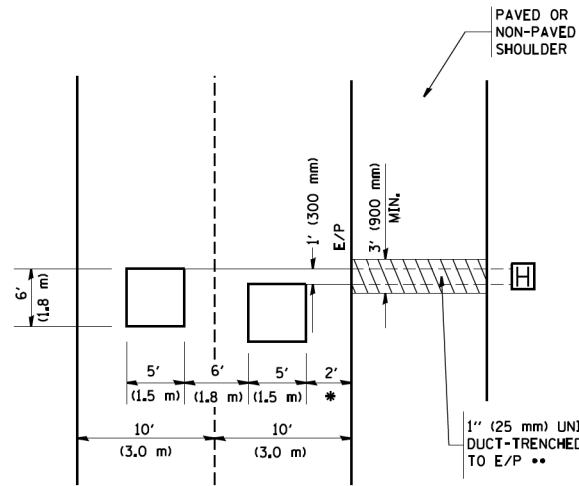
DRIVEWAY ENTRANCE SIGNING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461RS-2	COOK	71	70
TC-26			CONTRACT NO. 62A08	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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



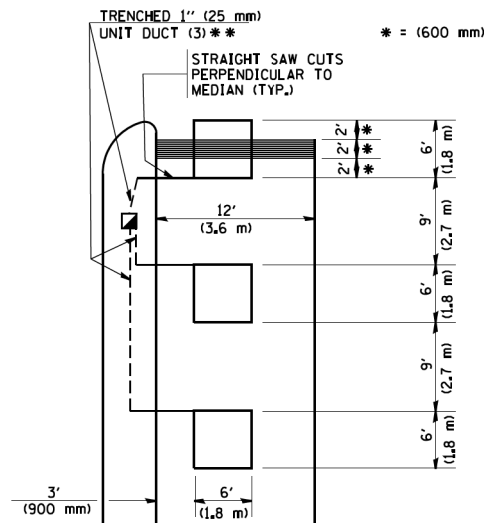
* = (600 mm)

** 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.

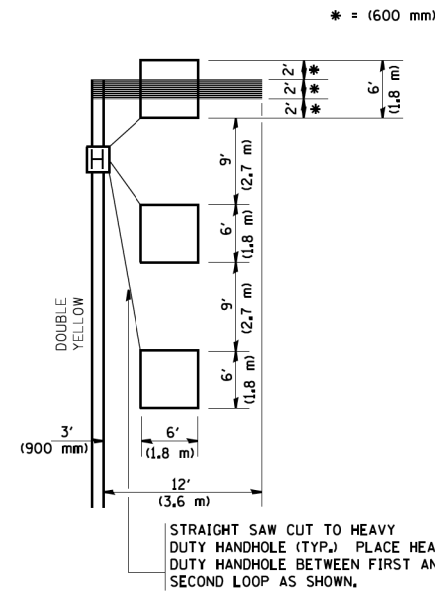


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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)



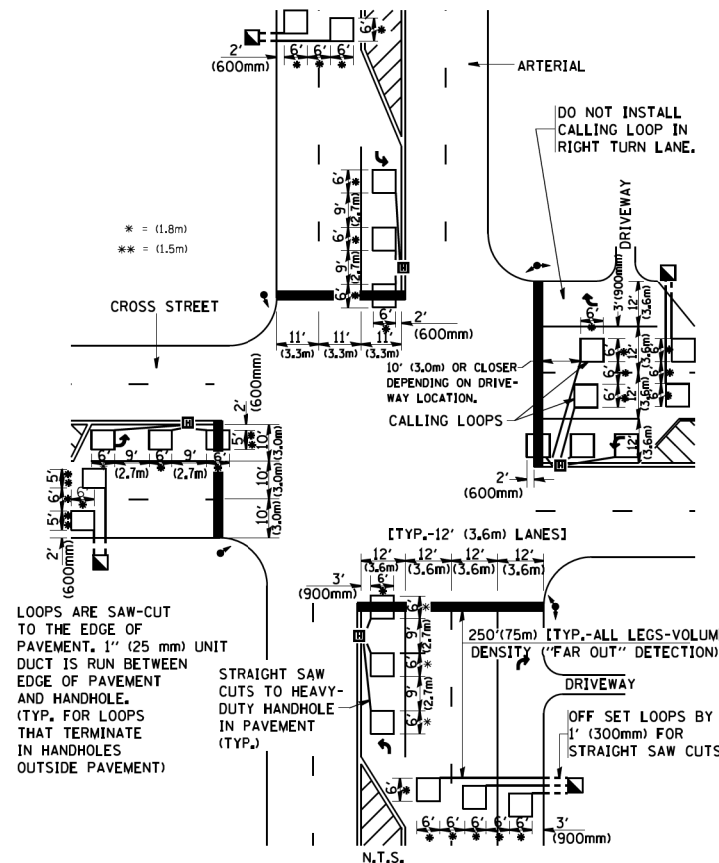
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

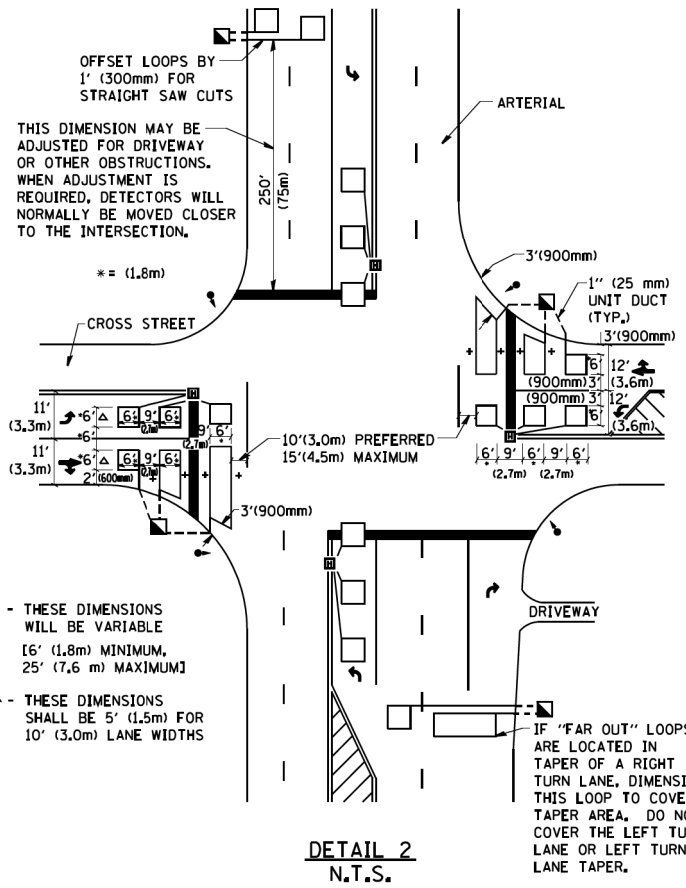
- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST 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.

**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.

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 = W:\diststa\22x34\ts07.dgn	USER NAME = geglennobt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING		F.A.P. RTE. 350	SECTION 461RS-2	COUNTY COOK	TOTAL SHEETS 71	SHEET NO. 71
PLOT SCALE = 50.0000 / IN.	CHECKED - R.K.F.	DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TS-07		CONTRACT NO. 62A08	
PLOT DATE = 1/4/2008	DATE -	REVISIONS -	REVISIONS -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				