

04-26-2019 LETTING ITEM 014

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56 *	1
CONTRACT NO. G2H12				

\*56 + 43 = 99 TOTAL SHEETS

D-91-008-19



FOR INDEX OF SHEETS, SEE SHEET NO. 2

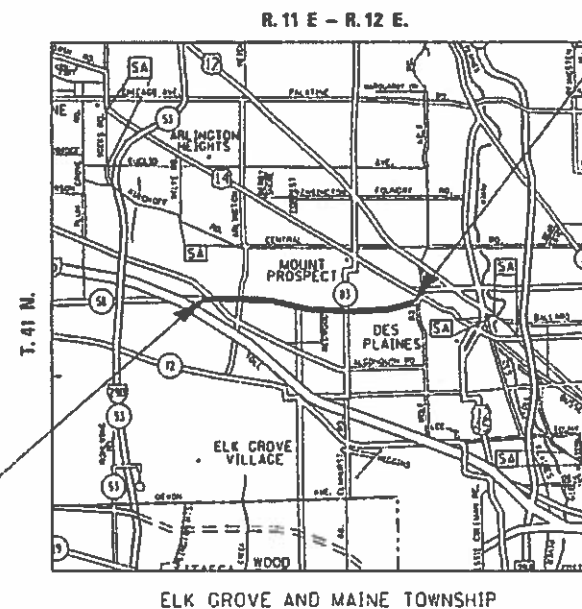
PROJECT LOCATED IN THE CITY OF ROLLING MEADOWS, VILLAGE OF ARLINGTON HEIGHTS, VILLAGE OF MT PROSPECT & CITY OF DES PLAINES COOK COUNTY

F.A.P. 339 /IL 58 (GOLF RD.)  
WEST OF MEIJER DR. TO WEST OF BROADWAY ST.  
SECTION: 2018-078-RS  
PROJECT: NHPP-S08V(749)  
RESURFACING (3P) AND PEDESTRIAN RAMPS  
COOK COUNTY  
C-91-205-19

TRAFFIC DATA:

IL 58 (GOLF RD.)  
2017 - ADT = 28,100 - 31,700  
SPEED LIMIT = 40 MPH

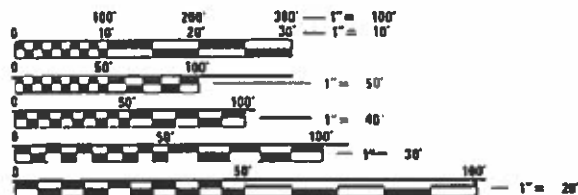
PROJECT ENDS  
STA 255 + 56.46



N  
LOCATION MAP  
(NOT TO SCALE)

PROJECT BEGINS  
STA 14 + 00

OMISSION:  
STA 21 + 49.41 TO STA 25 + 20.94  
STA 222 + 42.0 TO STA 225 + 05.2 (WB)  
STA 222 + 18.4 TO STA 224 + 21.7 (EB)



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

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

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

GROSS LENGTH = 24,156.46 FT. = 4.575 MILE  
NET LENGTH = 23,604.23 FT. = 4.471 MILE

CONTRACT NO. 62H12

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 24 20 19  
*Anthony J. Drayton* REGIONAL ENGINEER  
March 22 20 19  
*Paul P. Chafin* ENGINEER OF DESIGN AND ENVIRONMENT  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS



SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	368	368				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	148.5	148.5				
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5	5				
20200100	EARTH EXCAVATION	CU YD	194	194				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	2255	2255				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	30	30				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	30	30				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	30	30				
25200110	SODDING, SALT TOLERANT	SO YD	2279	2279				
25200200	SUPPLEMENTAL WATERING	UNIT	22.8	22.8				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	4896	4896				
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	55	55				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	42	42				
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SO YD	4896	4896				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	122306	122306				
* SPECIALTY ITEMS								

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	265	265				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	6164	6164				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1221	1221				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	176	176				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	11	11				
42001300	PROTECTIVE COAT	SO YD	5617	5617				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	108	108				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	111	111				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	15748	15748				
* 42400800	DETECTABLE WARNINGS	SO FT	1348	1348				
44000100	PAVEMENT REMOVAL	SO YD	394	394				

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

**SUMMARY OF QUANTITIES**  
**IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	3
CONTRACT NO. 62H12				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	176192	176192				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	316	316				
44000300	CURB REMOVAL	FOOT	5811	5811				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1681	1681				
44000600	SIDEWALK REMOVAL	SO FT	15748	15748				
44002209	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/4"	SO YD	1395	1395				
44003100	MEDIAN REMOVAL	SO FT	33441	33441				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	372	372				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	283	283				
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	585	585				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	9	9				
60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4	4				
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	7	7				
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5				
60266600	VALVE BOX TO BE ADJUSTED	EACH	1	1				
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	90	90				
	* SPECIALTY ITEMS							

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	61	61				
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1				
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	39	39				
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	31	31				
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	206	206				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	994	994				
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SO FT	2435	2435				
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	100	100				
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2				
63200310	GUARDRAIL REMOVAL	FOOT	100	100				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	194	194				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
* 66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	15	15				

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	4
CONTRACT NO. 62H12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12				
67100100	MOBILIZATION	L SUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	149825	149825				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	77434	77434				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	4090	4090				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	76266	76266				
* SPECIALTY ITEMS								

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	14932	14932				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	389	389				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	3292	3292				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1515	1515				
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	37457	37457				
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	19	19				
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1				
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	4090	4090				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	76266	76266				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	14932	14932				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	389	389				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3292	3292				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1515	1515				

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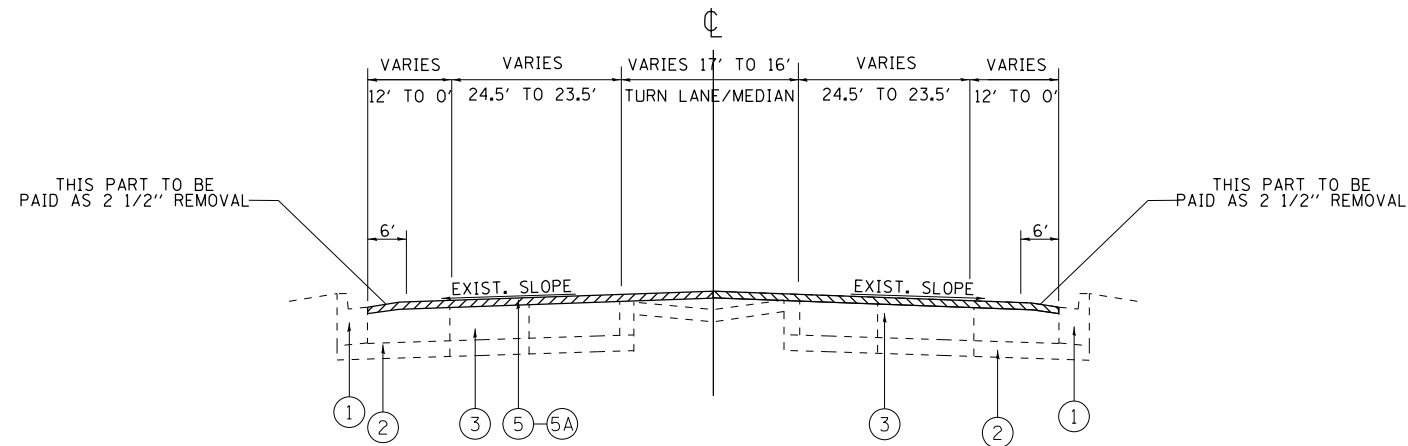
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
<b>IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)</b>			
SCALE:	SHEET	OF	SHEETS
			STA.
			TOD SHEET

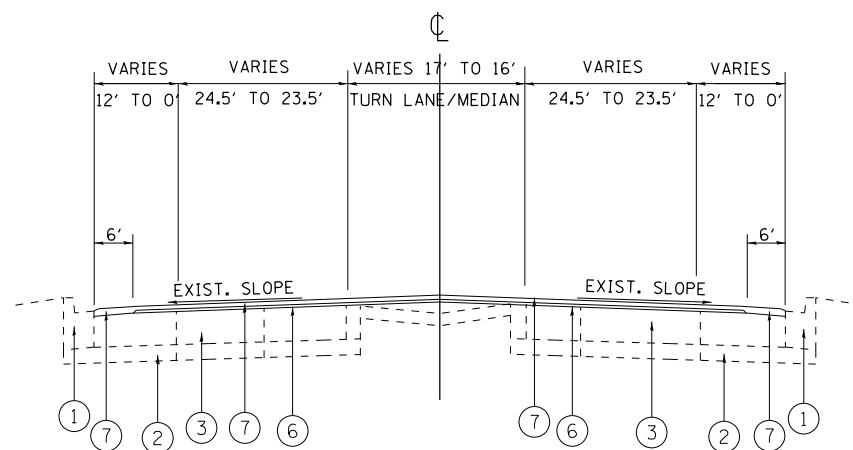
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	5
CONTRACT NO. 62H12				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				





**IL 58 (GOLF RD.)  
EXISTING TYPICAL SECTION**

STA. 14+00 TO STA. 18+07, STA. 25+20.9 TO STA. 37+42  
 STA. 71+14.4 TO STA. 72+92.7, STA. 88+79 TO STA. 113+71.7  
 STA. 120+44 TO STA. 122+21.6, STA. 137+98 TO STA. 149+30.3  
 STA. 153+50 TO STA. 158+04, STA. 159+70 TO STA. 165+47.3  
 STA. 181+5.9 TO STA. 190+81, STA. 200+88 TO STA. 213+56.1  
 STA. 216+84.3 TO STA. 220+87, STA. 237+11.5 TO STA. 240+4.6



**IL 58 (GOLF RD.)  
PROPOSED TYPICAL SECTION**

STA. 14+00 TO STA. 18+07, STA. 25+20.9 TO STA. 37+42  
 STA. 71+14.4 TO STA. 72+92.7, STA. 88+79 TO STA. 119+80  
 STA. 120+44 TO STA. 122+21.6, STA. 137+98 TO STA. 149+30.3  
 STA. 153+50 TO STA. 158+04, STA. 159+70 TO STA. 165+47.3  
 STA. 181+5.9 TO STA. 190+81, STA. 200+88 TO STA. 213+56.1  
 STA. 216+84.3 TO STA. 220+87, STA. 237+11.5 TO STA. 240+4.6

**LEGEND:**

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING SUB-BASE GRANULAR MATERIAL
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONCRETE MEDIAN TYPE C-4
- ⑤ EXISTING HMA SURFACE, 2 1/2 "
- ⑤A PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑦ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑧ PROPOSED MEDIAN REMOVAL
- ⑨ PROPOSED CURB REMOVAL OR PROPOSED COMB. CURB AND GUTTER REMOVAL
- ⑩ PROPOSED MEDIAN SURFACE, 4" OR CONCRETE MEDIAN, TYPE SB-6.06
- ⑪ PROPOSED HMA BASE COURSE, 10"
- ⑫ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"

**NOTES:**

1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING AND MEDIAN RECONSTRUCTION	POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, N80, 1 3/4"	3.5% @ 80 GYR.	PFPP
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QCP
	HMA BASE COURSE, (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC/OA
PATCHING	CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/OA
	HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/OA
DRIVEWAYS	HMA SURFACE COURSE, MIX "D", N50, (IL-9.5 mm); 2"	4% @ 50 GYR.	QC/OA
	HMA BASE COURSE, (HMA BINDER IL-19 mm); PE - 6"	4% @ 50 GYR.	QC/OA
	HMA BASE COURSE, (HMA BINDER IL-19 mm); CE - 8"	4% @ 50 GYR.	QC/OA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFPP)			

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

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

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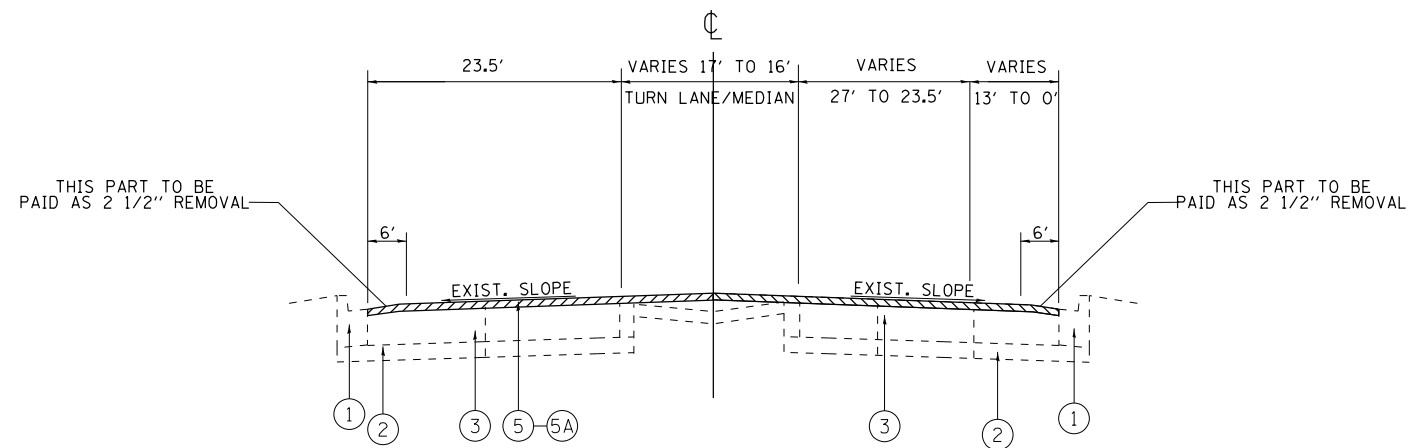
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS  
IL ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	7
CONTRACT NO. 62H12				
ILLINOIS		FED. AID PROJECT		



**IL 58 (GOLF RD.)  
EXISTING TYPICAL SECTION**

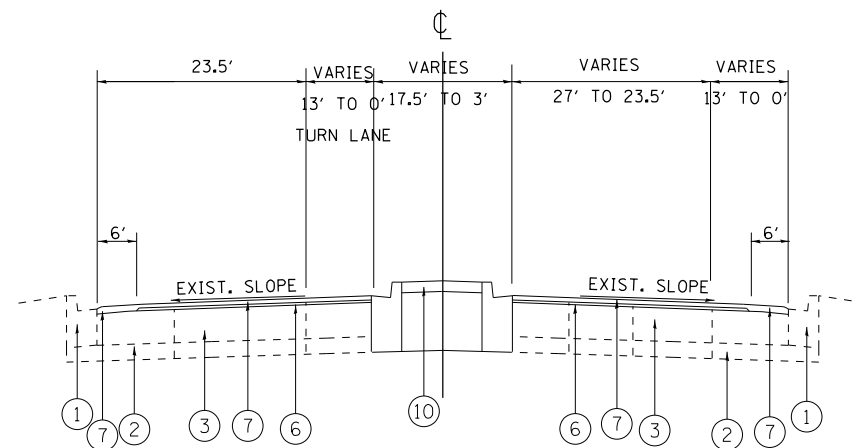
STA 113+71.8 TO STA 119+80

**LEGEND:**

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING SUB-BASE GRANULAR MATERIAL
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONCRETE MEDIAN TYPE C-4
- ⑤ EXISTING HMA SURFACE, 2 1/2 "
- ⑤A PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑦ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑧ PROPOSED MEDIAN REMOVAL
- ⑨ PROPOSED CURB REMOVAL OR PROPOSED COMB. CURB AND GUTTER REMOVAL
- ⑩ PROPOSED MEDIAN SURFACE, 4" OR CONCRETE MEDIAN, TYPE SB-6.06
- ⑪ PROPOSED HMA BASE COURSE, 10"
- ⑫ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"

**NOTES:**

1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED



**IL 58 (GOLF RD.)  
PROPOSED TYPICAL SECTION**

STA 113+71.8 TO STA 119+80

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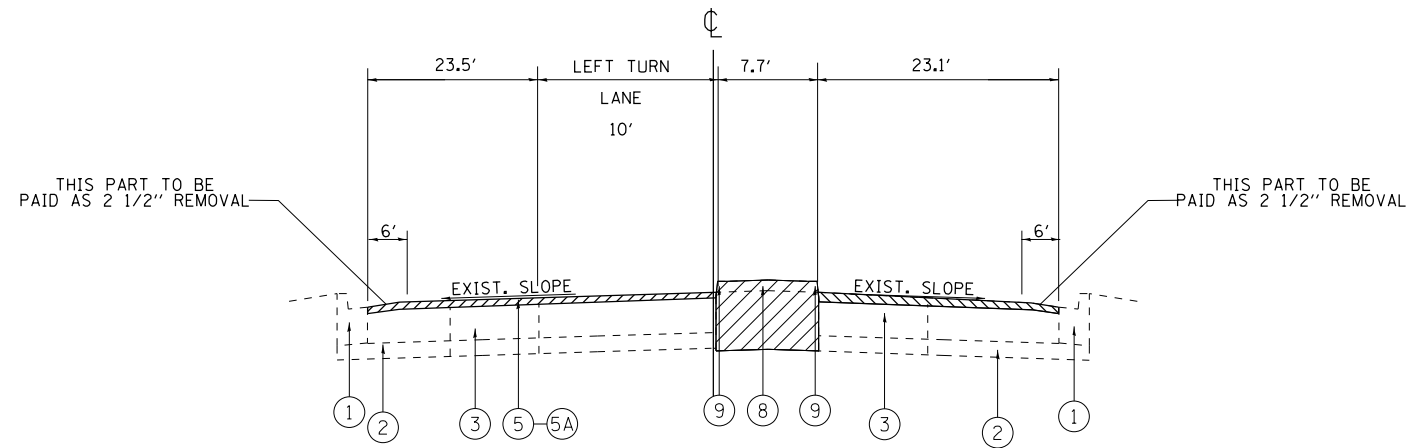
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	8
CONTRACT NO. 62H12				
		ILLINOIS	FED. AID PROJECT	



**IL 58 (GOLF RD.)  
EXISTING TYPICAL SECTION**

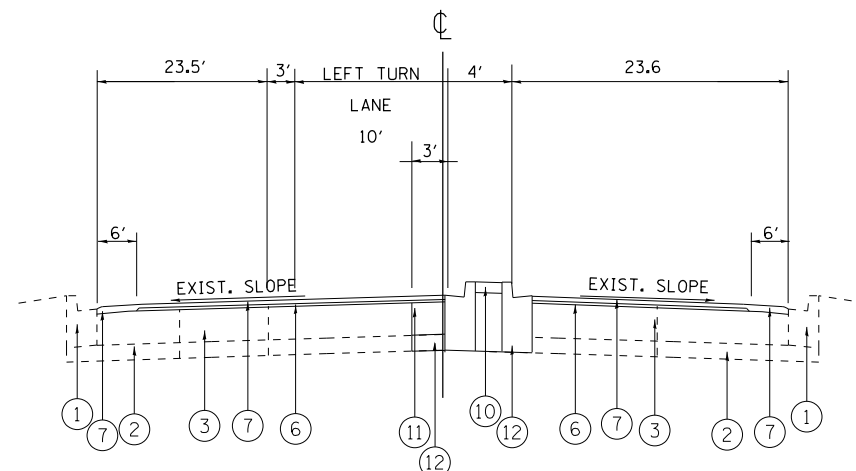
STA 119+80 TO 120+44

**LEGEND:**

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING SUB-BASE GRANULAR MATERIAL
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONCRETE MEDIAN TYPE C-4
- ⑤ EXISTING HMA SURFACE, 2 1/2 "
- ⑤A PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑦ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑧ PROPOSED MEDIAN REMOVAL
- ⑨ PROPOSED CURB REMOVAL OR PROPOSED COMB. CURB AND GUTTER REMOVAL
- ⑩ PROPOSED MEDIAN SURFACE, 4" OR CONCRETE MEDIAN, TYPE SB-6.06
- ⑪ PROPOSED HMA BASE COURSE, 10"
- ⑫ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"

**NOTES:**

1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED



**IL 58 (GOLF RD.)  
PROPOSED TYPICAL SECTION**

STA 119+80 TO 120+44

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

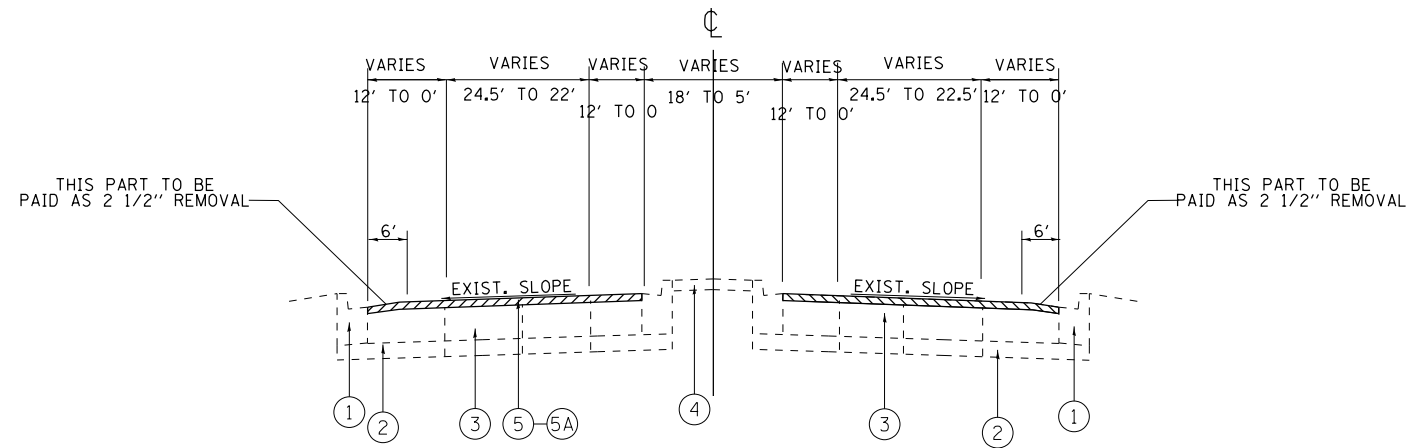
**EXISTING AND PROPOSED TYPICAL SECTIONS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	9
CONTRACT NO. 62H12				
		ILLINOIS	FED. AID PROJECT	

**LEGEND:**

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING SUB-BASE GRANULAR MATERIAL
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONCRETE MEDIAN TYPE C-4
- ⑤ EXISTING HMA SURFACE, 2 1/2 "
- ⑤A PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑦ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑧ PROPOSED MEDIAN REMOVAL
- ⑨ PROPOSED CURB REMOVAL OR PROPOSED COMB. CURB AND GUTTER REMOVAL
- ⑩ PROPOSED MEDIAN SURFACE, 4" OR CONCRETE MEDIAN, TYPE SB-6.06
- ⑪ PROPOSED HMA BASE COURSE, 10"
- ⑫ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"

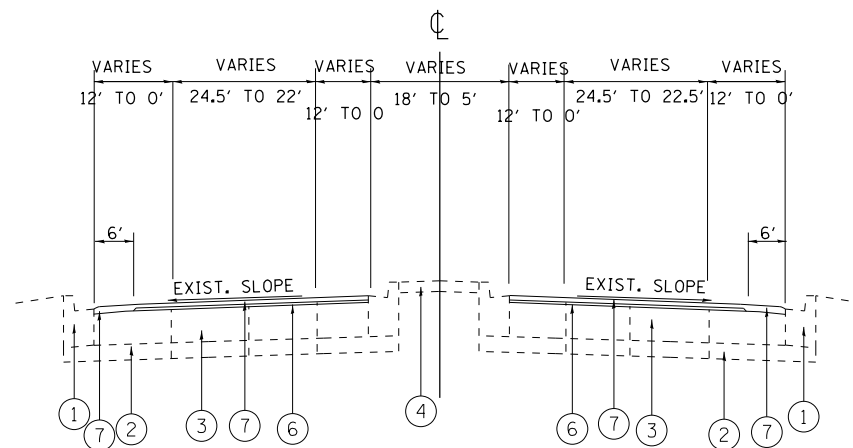


**IL 58 (GOLF RD.)  
EXISTING TYPICAL SECTION**

STA. 18+07 TO STA. 21+49.41, STA. 37+42 TO STA. 52+72  
 STA. 58+52 TO STA. 71+14.4, STA. 72+92.7 TO STA. 88+79  
 STA. 220+87 TO STA. 222+18.4, STA. 225+05.2 TO STA. 237+11.5,  
 STA. 240+4.6 TO STA. 250+51

**NOTES:**

1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED



**IL 58 (GOLF RD.)  
PROPOSED TYPICAL SECTION**

STA. 18+07 TO STA. 21+49.41, STA. 37+42 TO STA. 52+72  
 STA. 58+52 TO STA. 71+14.4, STA. 72+92.7 TO STA. 88+79  
 STA. 220+87 TO STA. 222+18.4, STA. 225+05.2 TO STA. 237+11.5,  
 STA. 240+4.6 TO STA. 250+51

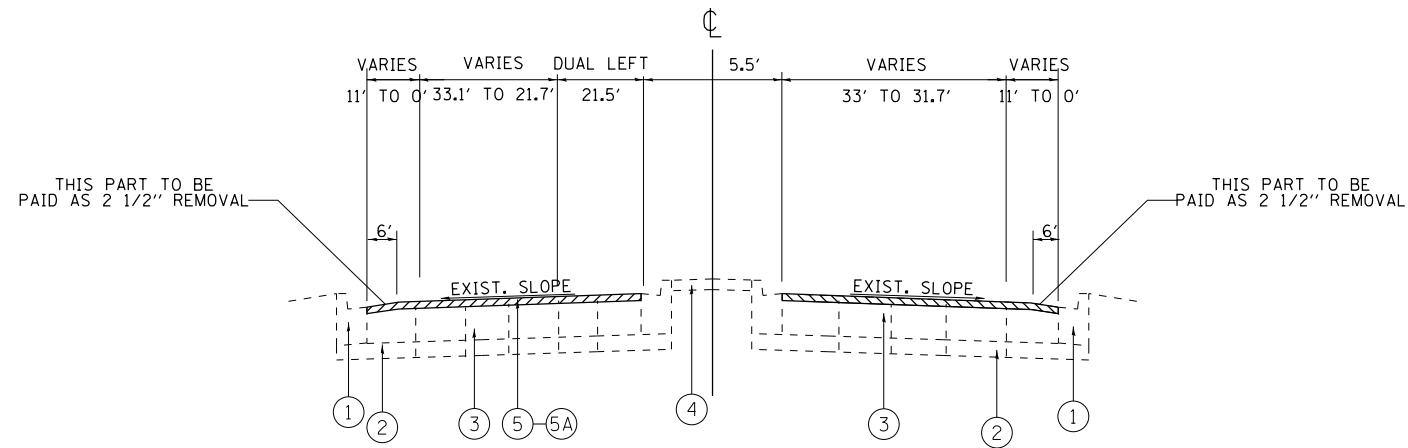
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING AND PROPOSED TYPICAL SECTIONS</b>	
<b>IL ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	10
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



**IL 58 (GOLF RD.)  
EXISTING TYPICAL SECTION**

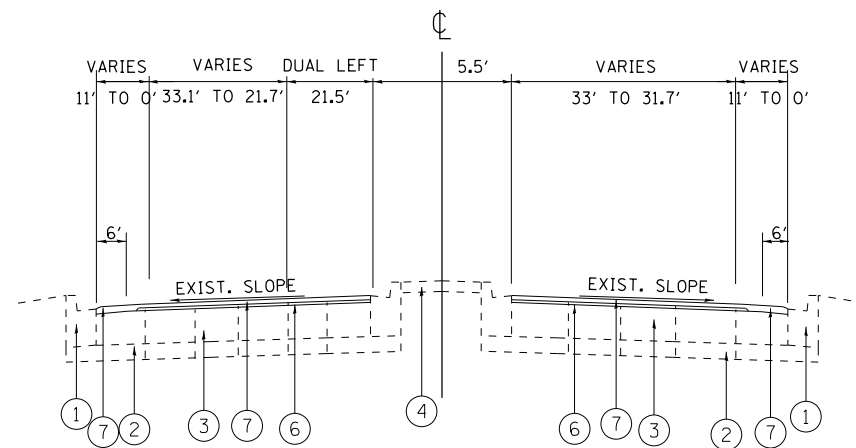
STA 52+72 TO STA. 58+52

**LEGEND:**

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING SUB-BASE GRANULAR MATERIAL
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONCRETE MEDIAN TYPE C-4
- ⑤ EXISTING HMA SURFACE, 2 1/2 "
- ⑤A PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑦ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑧ PROPOSED MEDIAN REMOVAL
- ⑨ PROPOSED CURB REMOVAL OR PROPOSED COMB. CURB AND GUTTER REMOVAL
- ⑩ PROPOSED MEDIAN SURFACE, 4" OR CONCRETE MEDIAN, TYPE SB-6.06
- ⑪ PROPOSED HMA BASE COURSE, 10"
- ⑫ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"

**NOTES:**

1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED



**IL 58 (GOLF RD.)  
PROPOSED TYPICAL SECTION**

STA 52+72 TO STA. 58+52

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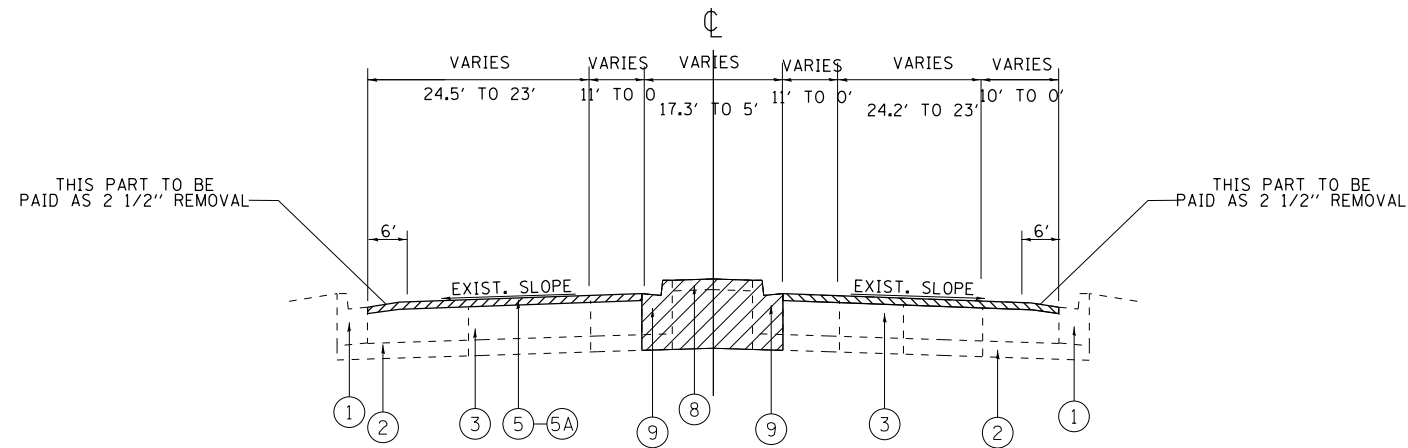
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

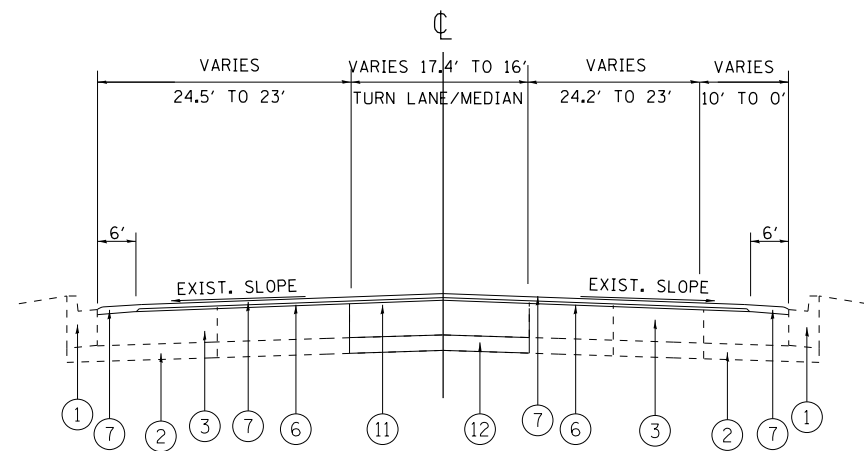
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	11
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



**IL 58 (GOLF RD.)  
EXISTING TYPICAL SECTION**

STA. 122+21.6 TO STA. 137+98, STA. 149+30.3 TO STA. 153+50  
 STA. 158+04 TO STA. 159+70, STA. 165+47.3 TO STA. 181+5.9  
 STA. 190+81 TO STA. 200+88, STA. 213+56.1 TO STA. 216+84.3



**IL 58 (GOLF RD.)  
PROPOSED TYPICAL SECTION**

STA. 122+21.6 TO STA. 137+98, STA. 149+30.3 TO STA. 153+50  
 STA. 158+04 TO STA. 159+70, STA. 165+47.3 TO STA. 181+5.9  
 STA. 190+81 TO STA. 200+88, STA. 213+56.1 TO STA. 216+84.3

**LEGEND:**

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING SUB-BASE GRANULAR MATERIAL
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONCRETE MEDIAN TYPE C-4
- ⑤ EXISTING HMA SURFACE, 2 1/2 "
- ⑤A PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑦ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑧ PROPOSED MEDIAN REMOVAL
- ⑨ PROPOSED CURB REMOVAL OR PROPOSED COMB. CURB AND GUTTER REMOVAL
- ⑩ PROPOSED MEDIAN SURFACE, 4" OR CONCRETE MEDIAN, TYPE SB-6.06
- ⑪ PROPOSED HMA BASE COURSE, 10"
- ⑫ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"

**NOTES:**

1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED

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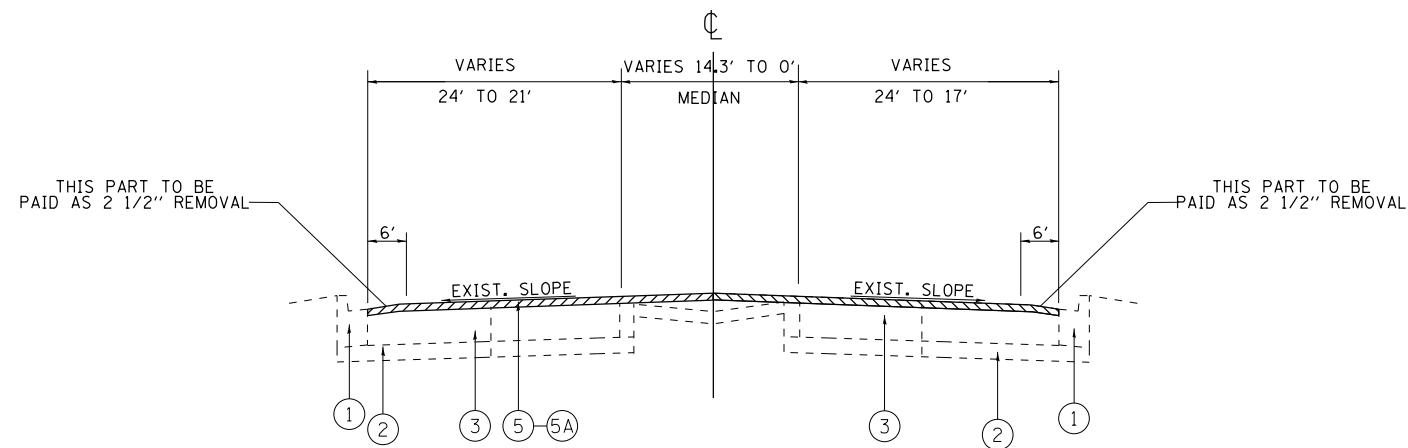
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	12
CONTRACT NO. 62H12				
		ILLINOIS	FED. AID PROJECT	





**IL 58 (GOLF RD.)  
EXISTING TYPICAL SECTION**

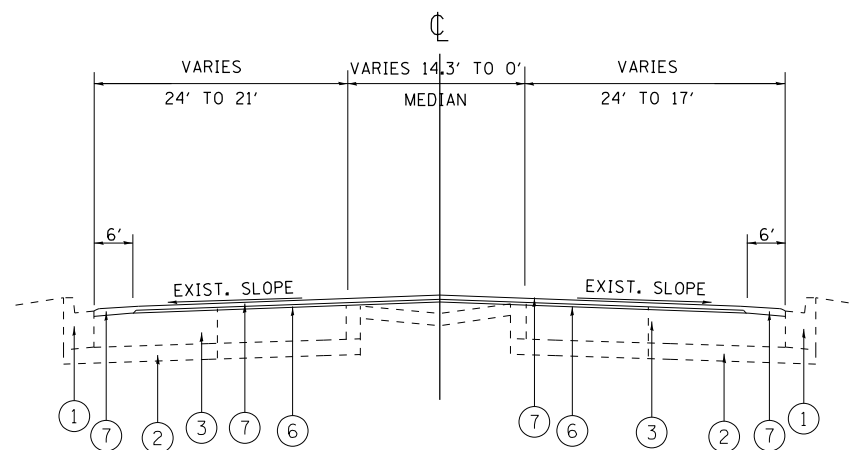
STA. 250+51 TO STA. 255+56.46

**LEGEND:**

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING SUB-BASE GRANULAR MATERIAL
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONCRETE MEDIAN TYPE C-4
- ⑤ EXISTING HMA SURFACE, 2 1/2 "
- 5A PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑦ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑧ PROPOSED MEDIAN REMOVAL
- ⑨ PROPOSED CURB REMOVAL OR PROPOSED COMB. CURB AND GUTTER REMOVAL
- ⑩ PROPOSED MEDIAN SURFACE, 4" OR CONCRETE MEDIAN, TYPE SB-6.06
- ⑪ PROPOSED HMA BASE COURSE, 10"
- ⑫ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"

**NOTES:**

1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED



**IL 58 (GOLF RD.)  
PROPOSED TYPICAL SECTION**

STA. 250+51 TO STA. 255+56.46

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	13
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

# TREE PRUNING SCHEDULE

TREE REMOVAL (UNDER 6 UNITS DIAMETER SAWED FLUSH)		NOTES
STATION	QUANTITY	
194+30 RT	5 IN DIA	2.5", 2.5" Elm
194+85 RT	9 IN DIA	4", 5" Elm
203+90 RT	4 IN DIA	Dead Elm
211+30 RT	14.5 IN DIA	3", 3", 3", 5.5"
212+10 RT	1 IN DIA	Hackberry on Fence
212+70 RT	11 IN DIA	5.5", 5.5" Black Walnut
<b>TOTAL</b>	<b>52 IN DIA</b>	

TREE REMOVAL (OVER 15 UNITS DIAMETER)		NOTES
STATION	QUANTITY	
198+95 RT	22 UNITS	Trunk from Elm
239+40 RT	21 UNITS	Locust
242+10 RT	17.5 UNITS	Locust
252+50 RT	88 UNITS	20", 24", 21", 23" Cottonwood
<b>TOTAL</b>	<b>148.5 UNITS</b>	

TREE PRUNING (OVER 10 INCH DIAMETER)		NOTES
STATION	QUANTITY	
26+50 LT	1	Elm - Remove dead limbs over Road (Tree off ROW)
28+30 LT	1	Maple - Raise Low Limbs (Tree off ROW)
247+00 LT	1	Locust - Raise Low Limbs \ Thin Canopy
247+50 LT	1	OAK - Remove Limbs over Traffic Signal
247+70 LT	1	OAK - Remove Limb over Roadway
<b>TOTAL</b>	<b>5 EA</b>	

TREE REMOVAL (6 TO 15 UNITS DIAMETER)		NOTES
STATION	QUANTITY	
33+90 LT	13 UNITS	Elm
34+00 LT	8 UNITS	Elm
34+10 LT	9 UNITS	Elm
34+20 LT	12 UNITS	Elm
34+30 LT	24 UNITS	12", 12" Mulberry
193+05 RT	16.5 UNITS	8", 8.5" Ash
193+30 RT	8 UNITS	Ash
193+50 RT	9 UNITS	Ash
198+20 RT	31 UNITS	12", 10", 9" Silver Maple
198+50 RT	44.5 UNITS	8", 12", 12", 12.5" Mulberry
203+90 RT	14 UNITS	7", 7" Dead Elm
204+00 RT	6 UNITS	Elm
204+10 RT	13 UNITS	7", 6" Elm
209+85 RT	9 UNITS	Mulberry
210+10 RT	8 UNITS	Boxelder
210+25 RT	10 UNITS	Boxelder
210+55 RT	30 UNITS	8", 10", 12" Mulberry
211+00 RT	12 UNITS	Mulberry
212+05 RT	8 UNITS	Ash
240+50 RT	14 UNITS	Locust
251+70 RT	14 UNITS	Mulberry
251+80 RT	7 UNITS	Boxelder
252+00 RT	6 UNITS	Ash
252+40 RT	7 UNITS	Ash
252+55 RT	11 UNITS	Dead Spruce
252+70 RT	13 UNITS	Dead Spruce
252+85 RT	11 UNITS	Dead Spruce
<b>TOTAL</b>	<b>368 UNITS</b>	

TREE LIMB REMOVAL (OVER 10 INCHES DIAMETER)		NOTES
STATION	QUANTITY	
201+30 RT	1 EA	Norway Maple Limb - Tree off ROW

SELECTIVE CLEARING		NOTES
STATION	QUANTITY	
193+05 to 193+60 RT	.44 UNITS	55 ft. X 8 ft. = 440 SQ. FT.
209+70 to 211+10 RT	.7 UNITS	
251+50 to 253+90 RT	4 UNITS	
<b>TOTAL</b>	<b>5.14 UNITS</b>	

STUMP REMOVAL ONLY		NOTES
STATION	QUANTITY	
198+05 RT	18 UNITS	Multistem Stump
241+70 RT	24 UNITS	
<b>TOTAL</b>	<b>42 UNITS</b>	

**NOTE:**

FOR OTHER LAYOUT DETAILS, INCLUDING OFFSET DISTANCES, REFER TO NOTE ITEM NO. 22 UNDER GENERAL NOTES ON THE INDEX SHEET.

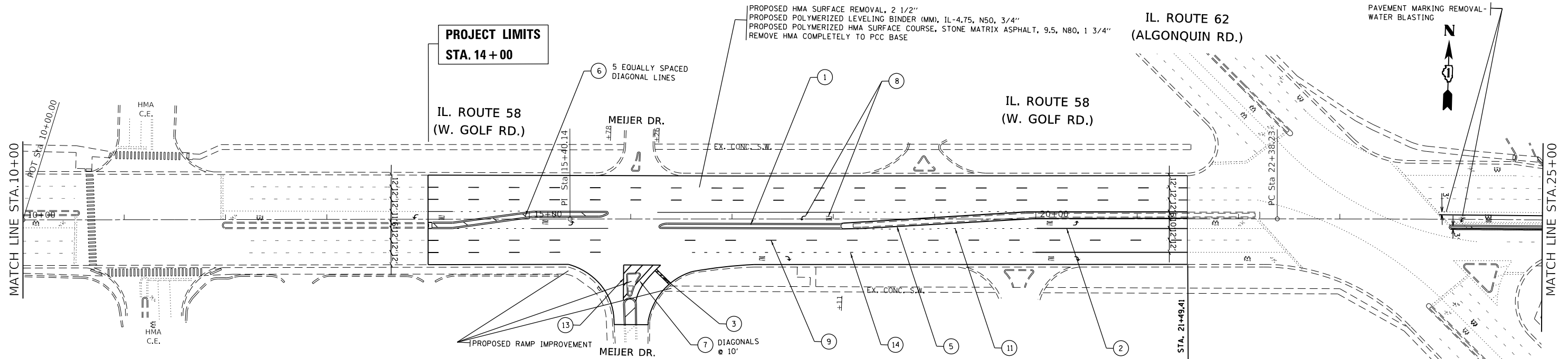
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES	
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	14
CONTRACT NO. 62H12				
		ILLINOIS	FED. AID PROJECT	



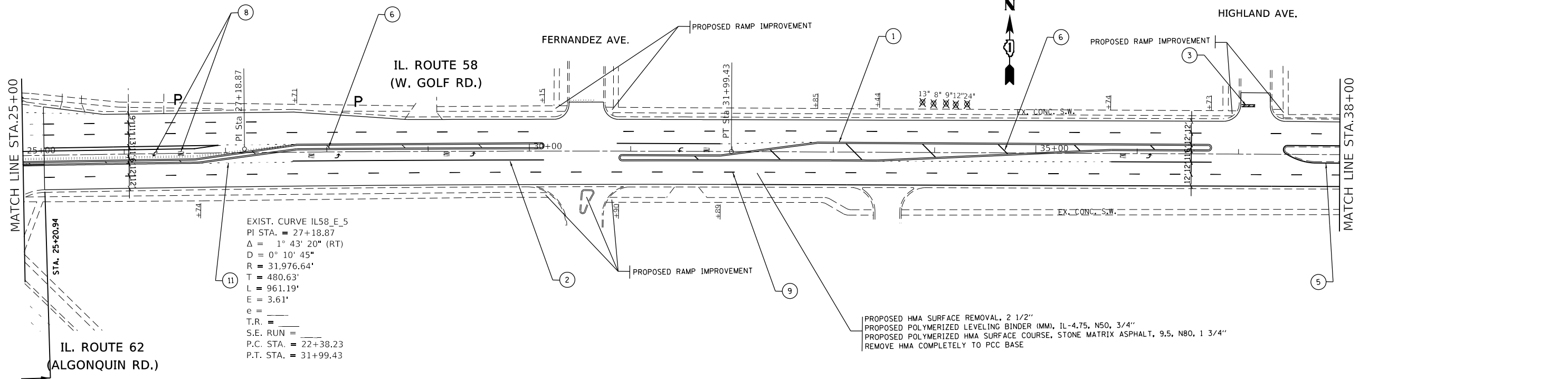
EXISTING AND PROPOSED

**LANDSCAPING LEGEND**

X	TREE REMOVAL
☁	SELECTIVE CLEARING
L	TREE LIMB REMOVAL
P	TREE PRUNING
S	STUMP REMOVAL

**PAVEMENT MARKING LEGEND**

① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)	⑨ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
③ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	⑩ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
④ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)	⑪ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
⑤ THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)	⑫ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)
⑥ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑬ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)
⑦ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑭ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.)



EXISTING AND PROPOSED

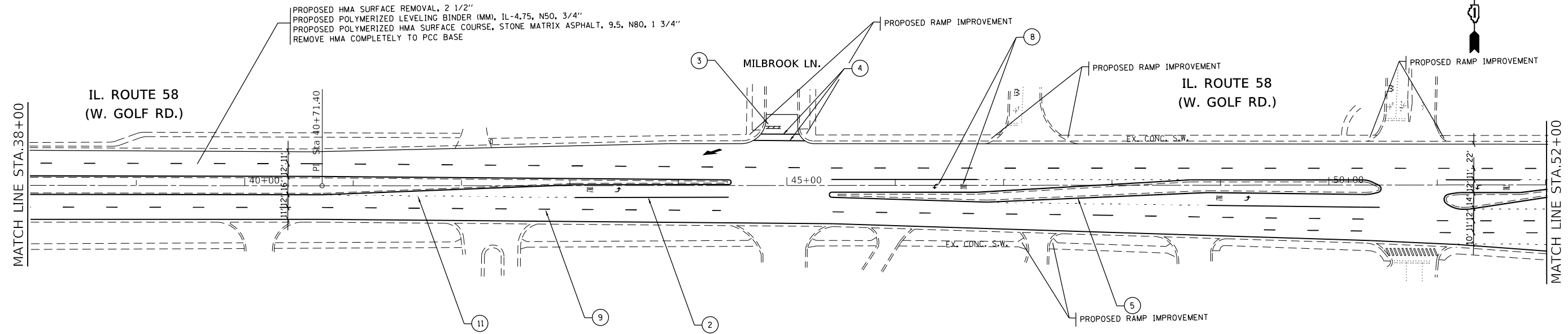
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	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLANS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 15
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

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**LANDSCAPING LEGEND**

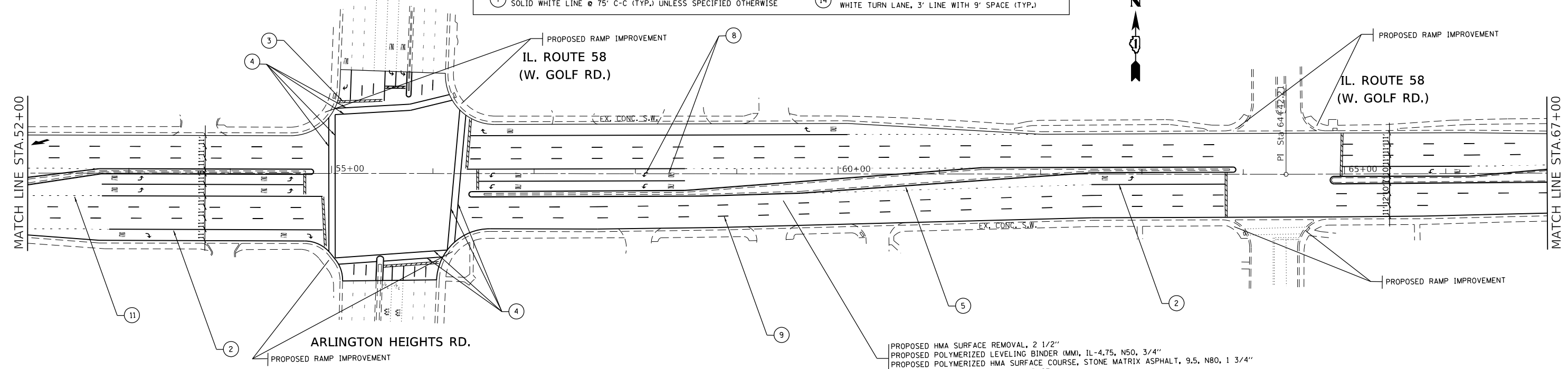
	TREE REMOVAL
	SELECTIVE CLEARING
	TREE LIMB REMOVAL
	TREE PRUNING
	STUMP REMOVAL

**PAVEMENT MARKING LEGEND**

①	THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	⑧	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
②	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)	⑨	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
③	THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	⑩	THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
④	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)	⑪	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
⑤	THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)	⑫	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)
⑥	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑬	THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)
⑦	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑭	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.)

EXISTING AND PROPOSED

ARLINGTON HEIGHTS RD.



EXISTING AND PROPOSED

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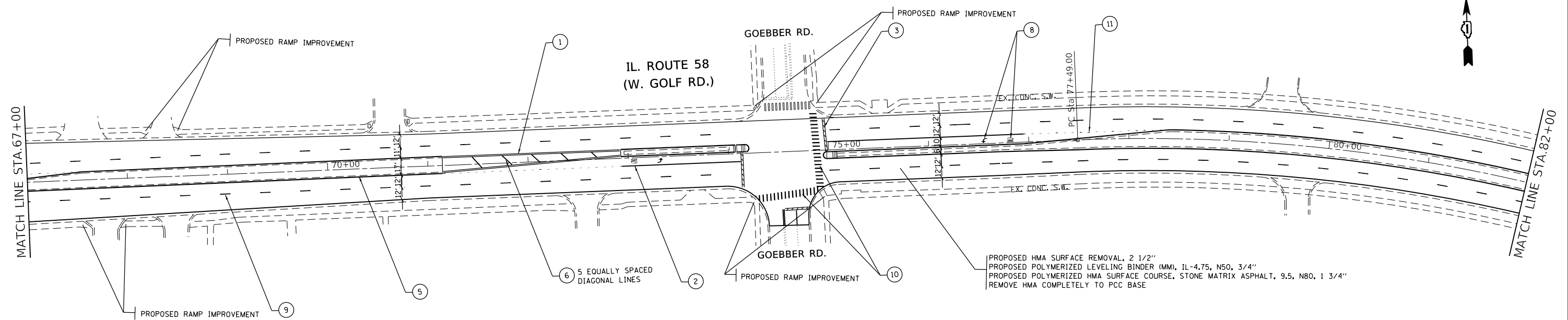
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLANS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

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

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 16
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



EXISTING AND PROPOSED

**LANDSCAPING LEGEND**

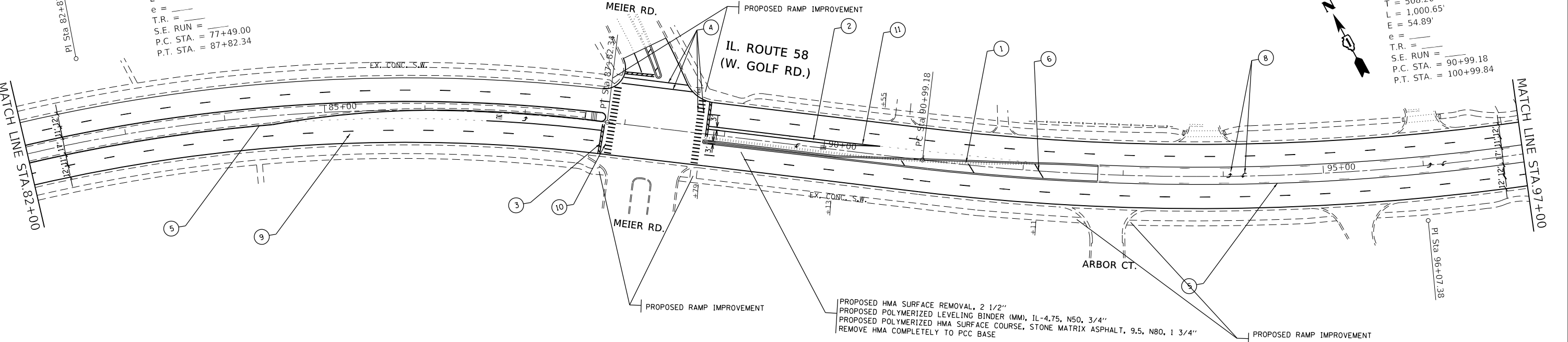
	TREE REMOVAL
	SELECTIVE CLEARING
	TREE LIMB REMOVAL
	TREE PRUNING
	STUMP REMOVAL

**PAVEMENT MARKING LEGEND**

①	THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	⑧	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
②	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)	⑨	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
③	THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	⑩	THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
④	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)	⑪	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
⑤	THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)	⑫	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)
⑥	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑬	THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)
⑦	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑭	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.)

EXIST. CURVE IL58\_E\_12  
 PI STA. = 82+82.71  
 $\Delta = 35^\circ 20' 49''$  (RT)  
 $D = 3^\circ 25' 14''$   
 $R = 1,675.00'$   
 $T = 533.71'$   
 $L = 1,033.34'$   
 $E = 82.97'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 77+49.00$   
 $P.T. STA. = 87+82.34$

EXIST. CURVE IL58\_E\_15  
 PI STA. = 96+07.38  
 $\Delta = 24^\circ 39' 34''$  (LT)  
 $D = 2^\circ 27' 52''$   
 $R = 2,325.00'$   
 $T = 508.20'$   
 $L = 1,000.65'$   
 $E = 54.89'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 90+99.18$   
 $P.T. STA. = 100+99.84$



EXISTING AND PROPOSED

USER NAME = kalorm	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/1/2019	CHECKED -	REVISED -
	DATE -	REVISED -

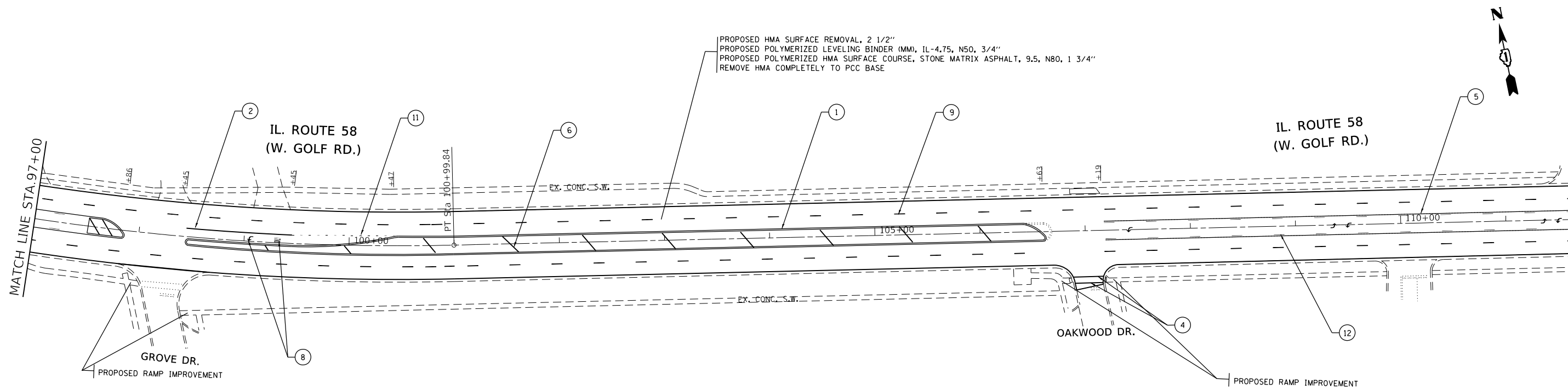
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLANS  
 IL. ROUTE 58 (GOLF RD.) (W/O MEIER RD. TO BROADWAY ST.)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	17
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

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PROPOSED HMA SURFACE REMOVAL, 2 1/2"  
 PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"  
 PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"  
 REMOVE HMA COMPLETELY TO PCC BASE

IL. ROUTE 58  
(W. GOLF RD.)

IL. ROUTE 58  
(W. GOLF RD.)

MATCH LINE STA. 97+00

MATCH LINE STA. 112+00






GROVE DR.

OAKWOOD DR.

PROPOSED RAMP IMPROVEMENT

PROPOSED RAMP IMPROVEMENT

**LANDSCAPING LEGEND**

-  TREE REMOVAL
-  SELECTIVE CLEARING
-  TREE LIMB REMOVAL
-  TREE PRUNING
-  STUMP REMOVAL

**PAVEMENT MARKING LEGEND**

- |  |  |
|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)                      | ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)                      |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)  | ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)   |
| ③ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)  | ⑩ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)     |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)    | ⑪ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)   | ⑫ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | ⑬ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)                            |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE  | ⑭ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.) |

EXISTING AND PROPOSED

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PLOT DATE = 2/1/2019	DATE -	REVISED -

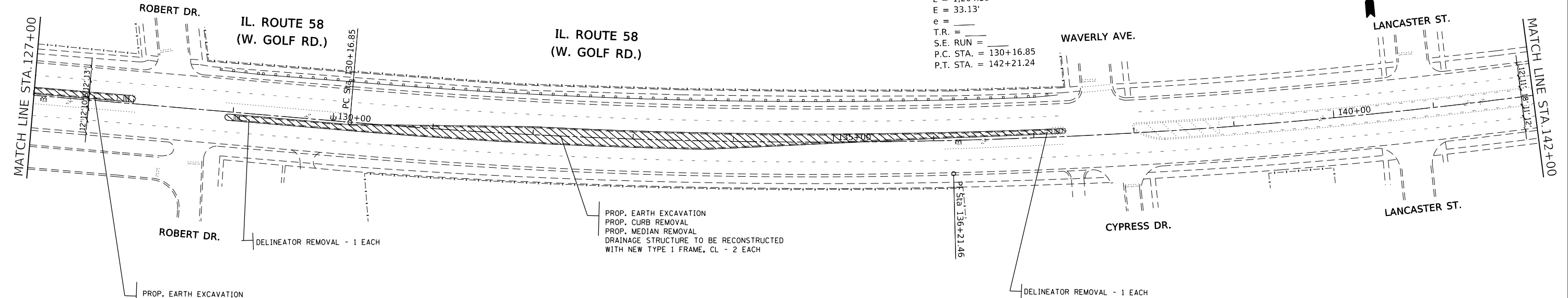
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLANS			
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	18
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE IL58\_E\_18  
 PI STA. = 136+21.46  
 $\Delta = 12^\circ 32' 48''$  (LT)  
 $D = 1^\circ 02' 30''$   
 $R = 5,500.00'$   
 $T = 604.61'$   
 $L = 1,204.39'$   
 $E = 33.13'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 130+16.85$   
 $P.T. STA. = 142+21.24$



PROP. EARTH EXCAVATION  
 PROP. CURB REMOVAL  
 PROP. MEDIAN REMOVAL  
 DRAINAGE STRUCTURE TO BE RECONSTRUCTED  
 WITH NEW TYPE 1 FRAME, CL - 1 EACH

PROP. EARTH EXCAVATION  
 PROP. CURB REMOVAL  
 PROP. MEDIAN REMOVAL  
 DRAINAGE STRUCTURE TO BE RECONSTRUCTED  
 WITH NEW TYPE 1 FRAME, CL - 2 EACH

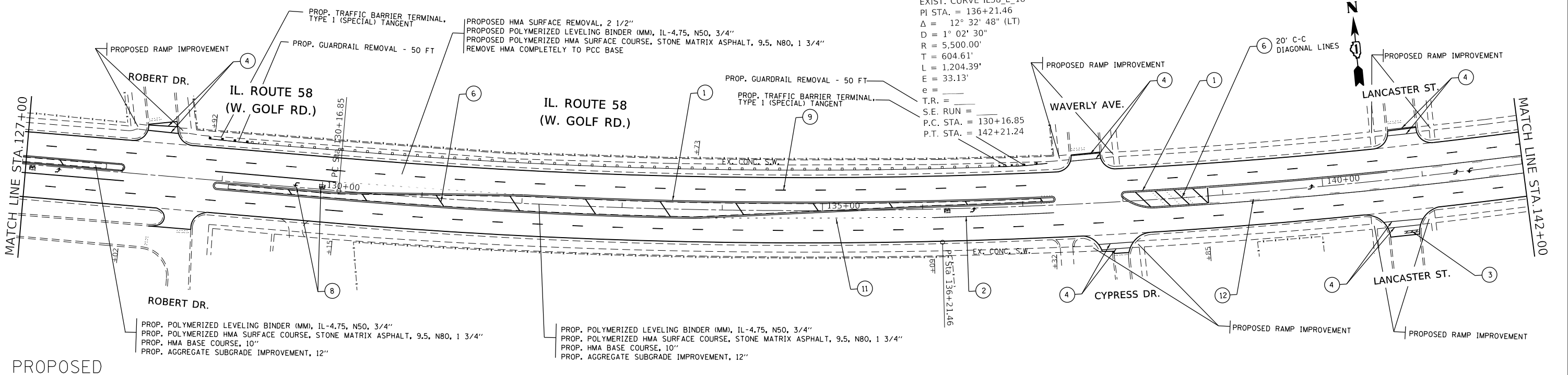
**LANDSCAPING LEGEND**

	TREE REMOVAL
	SELECTIVE CLEARING
	TREE LIMB REMOVAL
	TREE PRUNING
	STUMP REMOVAL

**PAVEMENT MARKING LEGEND**

1	THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	8	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
2	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)	9	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3	THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	10	THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
4	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)	11	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
5	THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)	12	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)
6	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	13	THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)
7	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	14	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.)

EXISTING



PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"  
 PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"  
 PROP. HMA BASE COURSE, 10"  
 PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"

PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"  
 PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"  
 PROP. HMA BASE COURSE, 10"  
 PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"

EXIST. CURVE IL58\_E\_18  
 PI STA. = 136+21.46  
 $\Delta = 12^\circ 32' 48''$  (LT)  
 $D = 1^\circ 02' 30''$   
 $R = 5,500.00'$   
 $T = 604.61'$   
 $L = 1,204.39'$   
 $E = 33.13'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 130+16.85$   
 $P.T. STA. = 142+21.24$

PROPOSED

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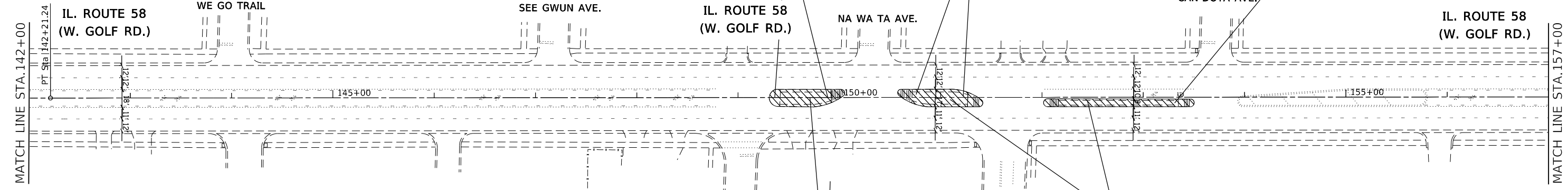
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLANS  
 IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 20
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				





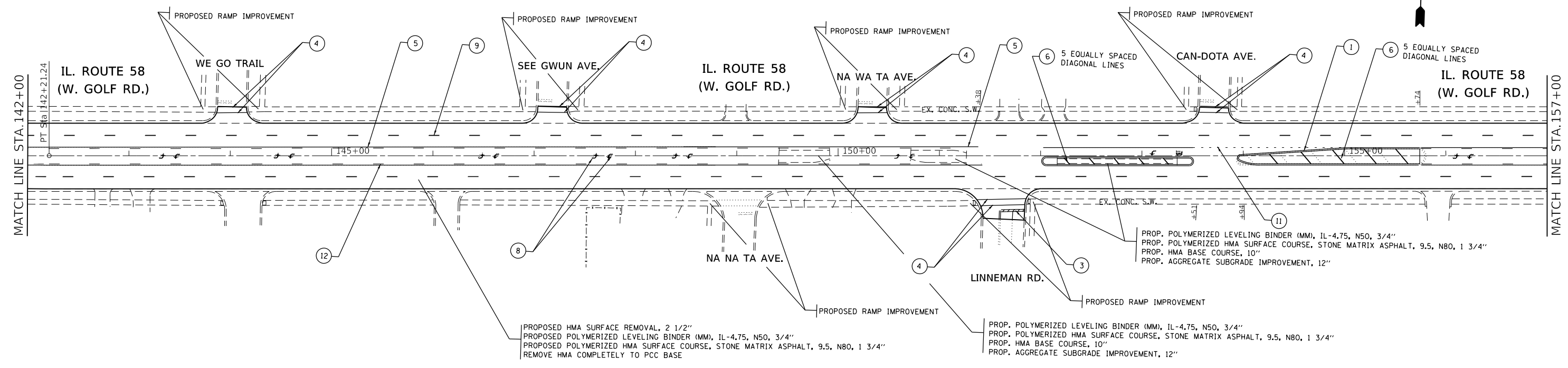
**LANDSCAPING LEGEND**

	TREE REMOVAL
	SELECTIVE CLEARING
	TREE LIMB REMOVAL
	TREE PRUNING
	STUMP REMOVAL

**PAVEMENT MARKING LEGEND**

1	THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	8	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
2	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)	9	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3	THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	10	THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
4	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)	11	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
5	THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)	12	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)
6	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	13	THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)
7	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	14	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.)

EXISTING



PROPOSED

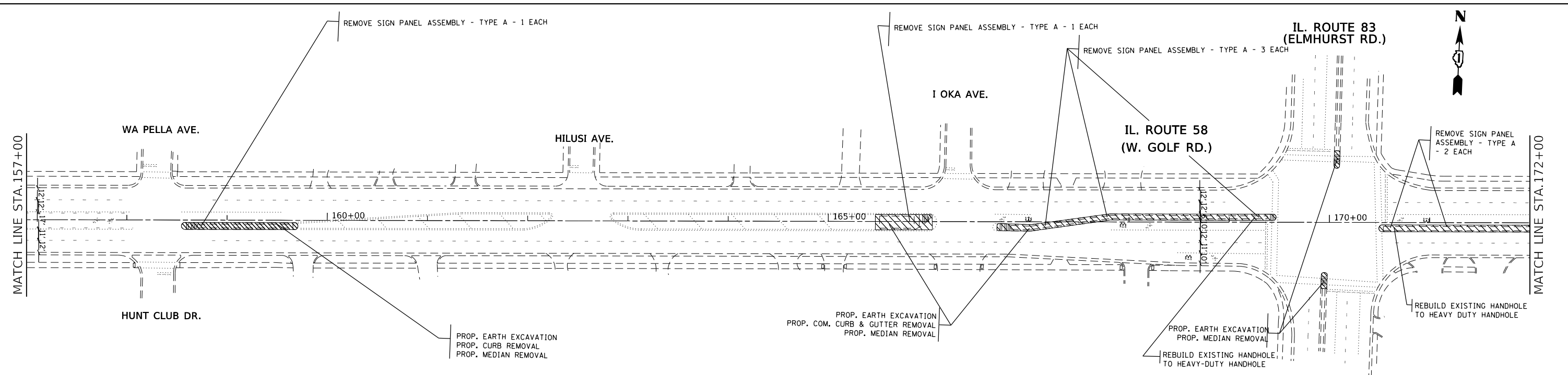
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLANS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**  
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 21
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



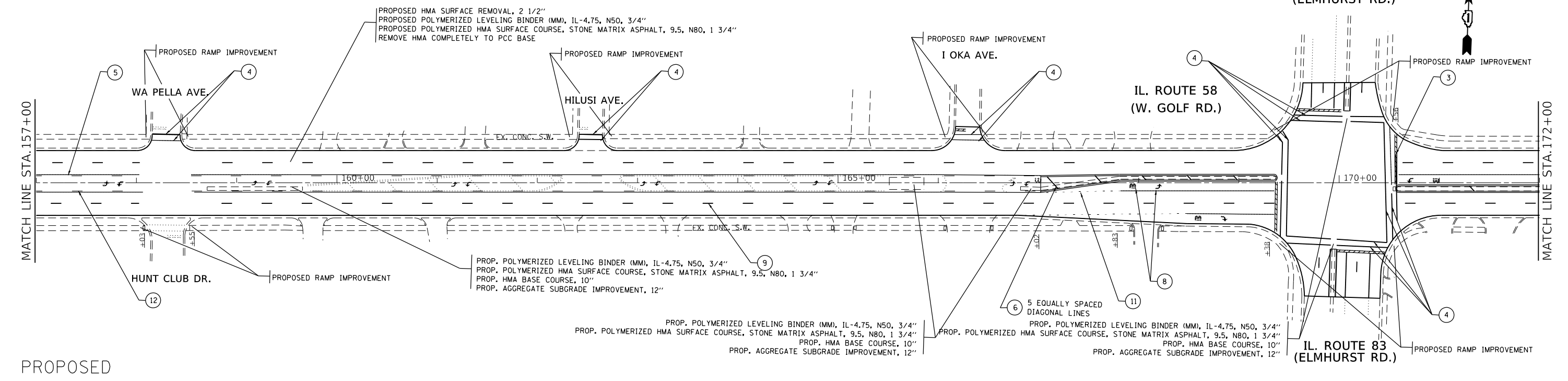
**LANDSCAPING LEGEND**

X	TREE REMOVAL
☁	SELECTIVE CLEARING
L	TREE LIMB REMOVAL
P	TREE PRUNING
S	STUMP REMOVAL

**PAVEMENT MARKING LEGEND**

1	THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	8	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
2	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)	9	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3	THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	10	THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
4	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)	11	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
5	THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)	12	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)
6	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	13	THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)
7	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	14	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.)

EXISTING



PROPOSED

USER NAME = kalorm	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/1/2019	CHECKED -	REVISED -
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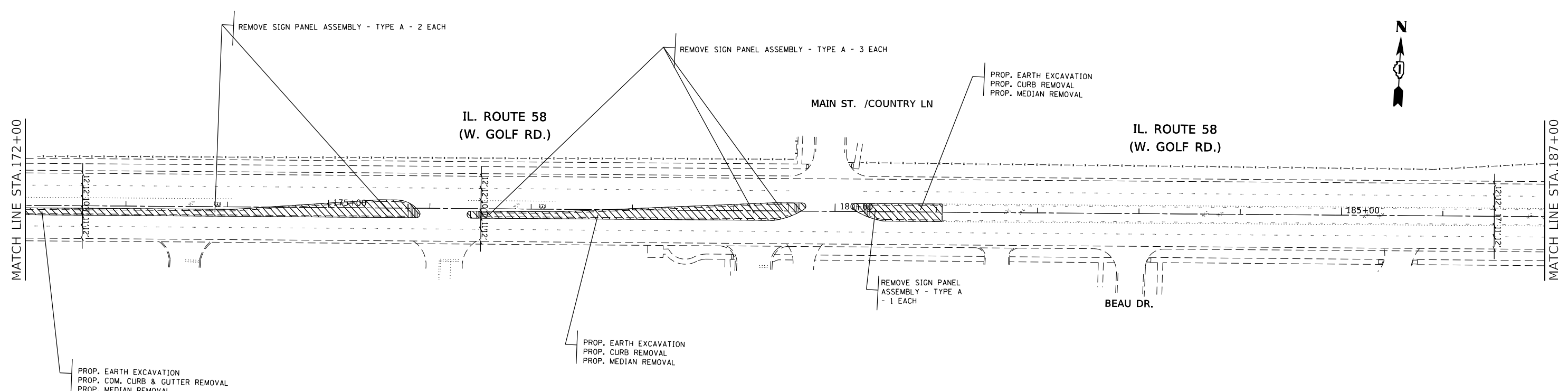
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLANS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 22
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

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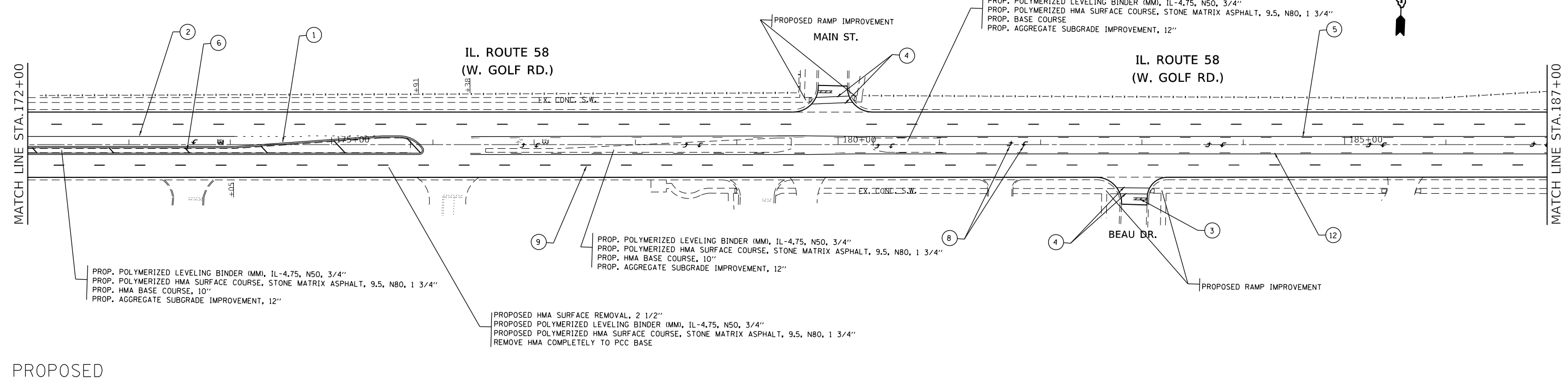
EXISTING

**LANDSCAPING LEGEND**

	TREE REMOVAL
	SELECTIVE CLEARING
	TREE LIMB REMOVAL
	TREE PRUNING
	STUMP REMOVAL

**PAVEMENT MARKING LEGEND**

① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)	⑨ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
③ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	⑩ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
④ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)	⑪ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
⑤ THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)	⑫ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)
⑥ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑬ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)
⑦ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑭ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.)



PROPOSED

USER NAME = kalorm	DESIGNED -	REVISED -
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PLOT DATE = 2/1/2019	CHECKED -	REVISED -
	DATE -	REVISED -

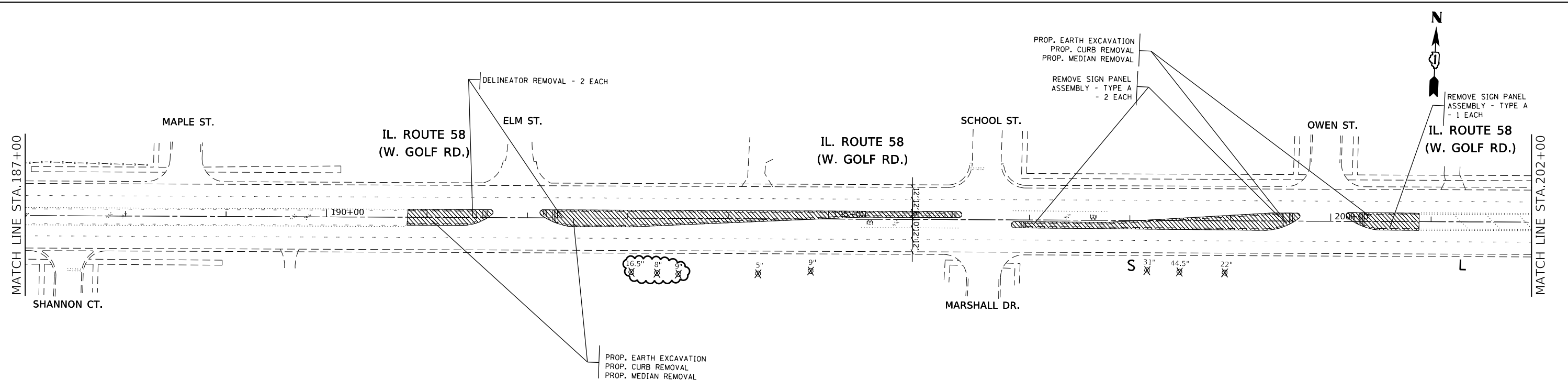
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLANS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

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

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 23
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

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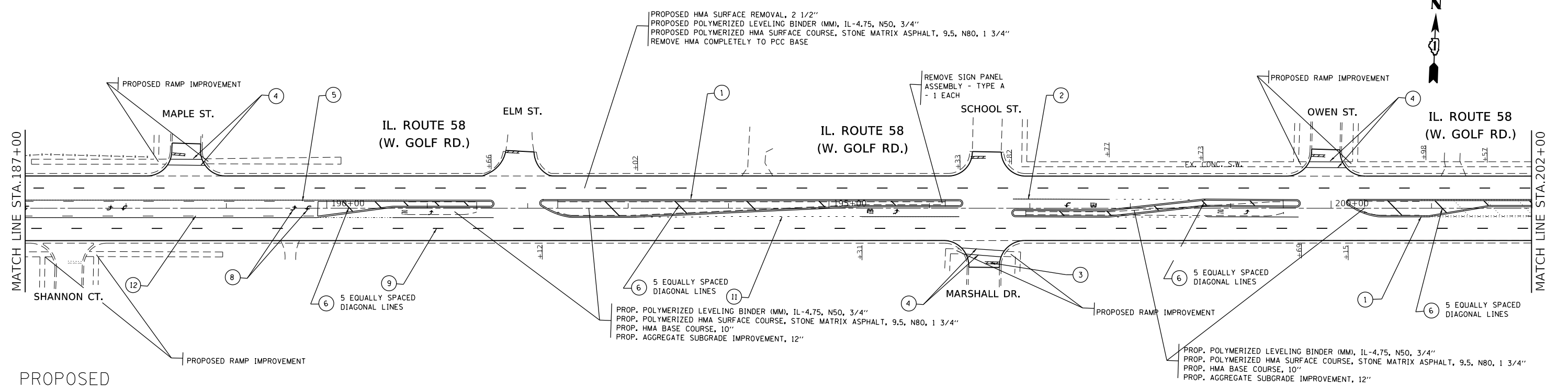
**LANDSCAPING LEGEND**

X	TREE REMOVAL
☁	SELECTIVE CLEARING
L	TREE LIMB REMOVAL
P	TREE PRUNING
S	STUMP REMOVAL

**PAVEMENT MARKING LEGEND**

①	THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	⑧	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
②	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)	⑨	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
③	THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	⑩	THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
④	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)	⑪	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
⑤	THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)	⑫	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)
⑥	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑬	THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)
⑦	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑭	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.)

EXISTING



PROPOSED

USER NAME = kalorm	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/3/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLANS  
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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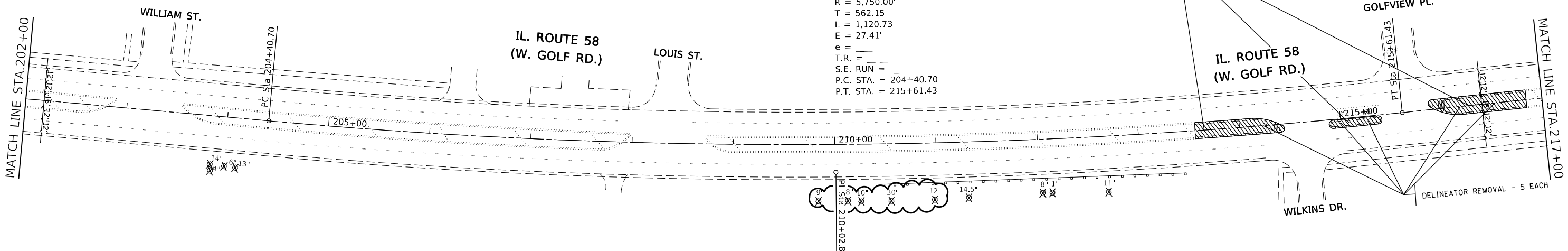
F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 24
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

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EXIST. CURVE IL58\_E\_21  
 PI STA. = 210+02.85  
 $\Delta = 11^\circ 10' 03''$  (LT)  
 $D = 0^\circ 59' 47''$   
 $R = 5,750.00'$   
 $T = 562.15'$   
 $L = 1,120.73'$   
 $E = 27.41'$   
 $e = \text{---}$   
 T.R. =  $\text{---}$   
 S.E. RUN =  $\text{---}$   
 P.C. STA. = 204+40.70  
 P.T. STA. = 215+61.43

PROP. EARTH EXCAVATION  
 PROP. CURB REMOVAL  
 PROP. MEDIAN REMOVAL



**PAVEMENT MARKING LEGEND**

- |  |  |
|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)                      | ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)                      |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)  | ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)   |
| ③ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)  | ⑩ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)     |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)    | ⑪ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)   | ⑫ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | ⑬ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)                            |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE  | ⑭ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.) |

**LANDSCAPING LEGEND**

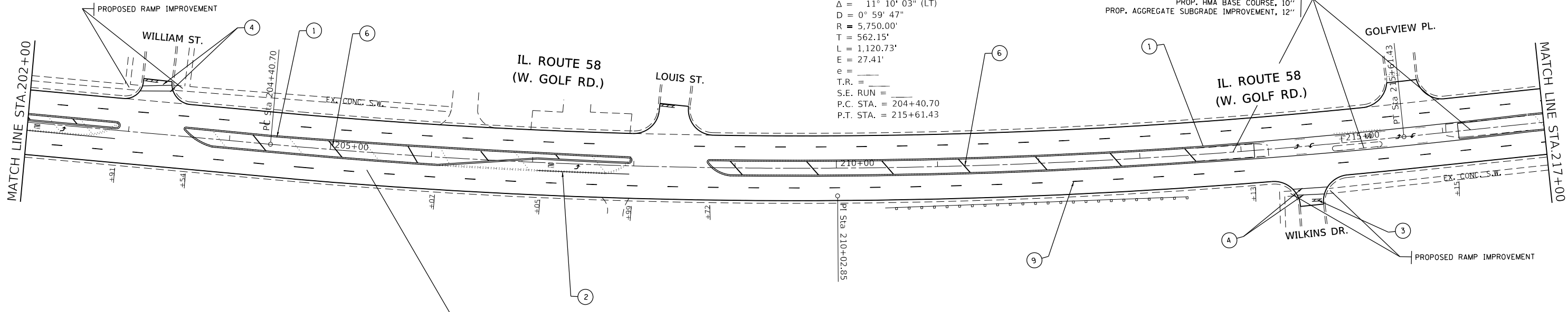
TREE REMOVAL  
 SELECTIVE CLEARING  
 TREE LIMB REMOVAL  
 TREE PRUNING  
 STUMP REMOVAL

EXISTING



EXIST. CURVE IL58\_E\_21  
 PI STA. = 210+02.85  
 $\Delta = 11^\circ 10' 03''$  (LT)  
 $D = 0^\circ 59' 47''$   
 $R = 5,750.00'$   
 $T = 562.15'$   
 $L = 1,120.73'$   
 $E = 27.41'$   
 $e = \text{---}$   
 T.R. =  $\text{---}$   
 S.E. RUN =  $\text{---}$   
 P.C. STA. = 204+40.70  
 P.T. STA. = 215+61.43

PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"  
 PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"  
 PROP. HMA BASE COURSE, 10"  
 PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"



PROPOSED HMA SURFACE REMOVAL, 2 1/2"  
 PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"  
 PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"  
 REMOVE HMA COMPLETELY TO PCC BASE

PROPOSED

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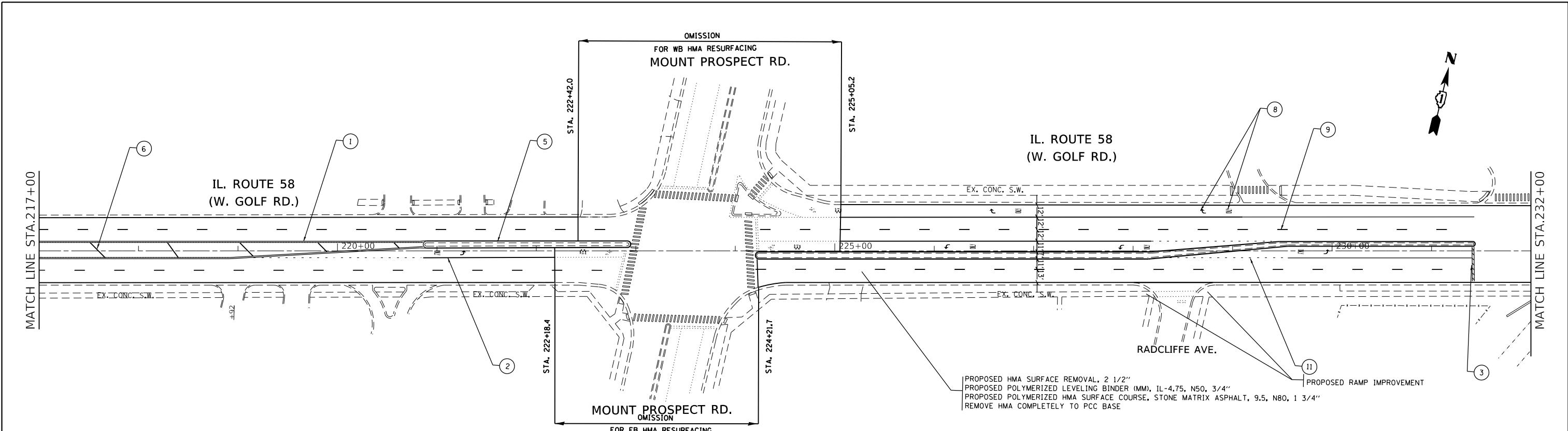
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PLOT DATE = 2/1/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLANS  
 IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	25
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



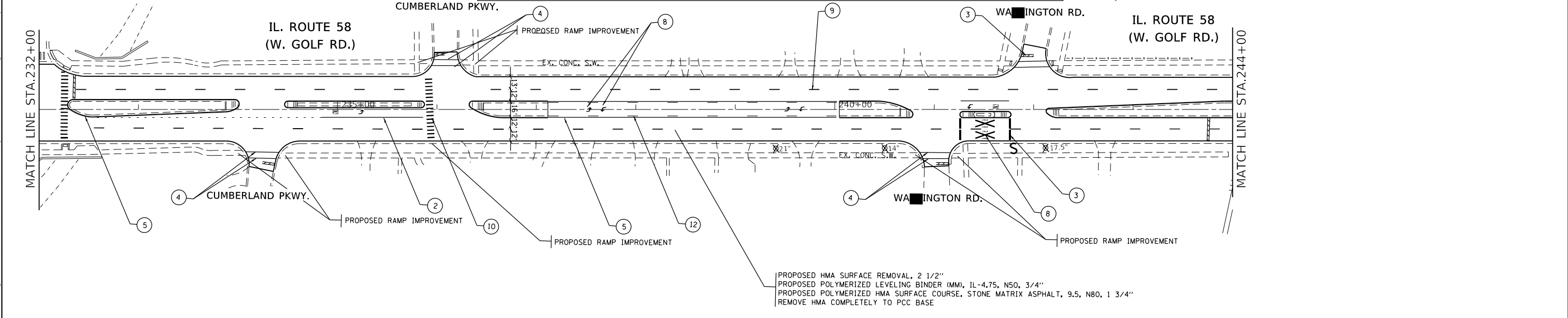
**LANDSCAPING LEGEND**

X	TREE REMOVAL
☁	SELECTIVE CLEARING
L	TREE LIMB REMOVAL
P	TREE PRUNING
S	STUMP REMOVAL

**PAVEMENT MARKING LEGEND**

①	THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	⑧	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
②	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)	⑨	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
③	THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	⑩	THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
④	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)	⑪	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
⑤	THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)	⑫	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.)
⑥	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑬	THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)
⑦	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE	⑭	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.)

EXISTING AND PROPOSED



EXISTING AND PROPOSED

PROPOSED HMA SURFACE REMOVAL, 2 1/2"  
 PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"  
 PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"  
 REMOVE HMA COMPLETELY TO PCC BASE

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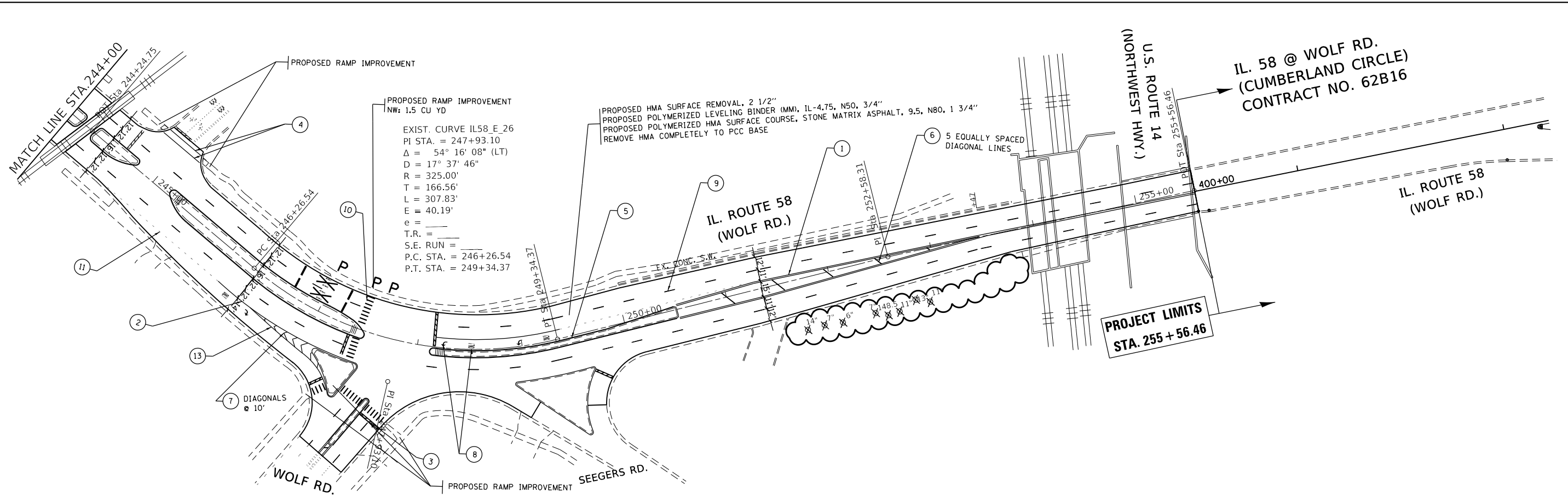
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PLOT DATE = 2/1/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLANS  
 IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)**

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

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 26
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE IL58\_E\_26  
 PI STA. = 247+93.10  
 $\Delta = 54^\circ 16' 08''$  (LT)  
 $D = 17^\circ 37' 46''$   
 $R = 325.00'$   
 $T = 166.56'$   
 $L = 307.83'$   
 $E = 40.19'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 246+26.54$   
 $P.T. STA. = 249+34.37$

LANDSCAPING LEGEND	
	TREE REMOVAL
	SELECTIVE CLEARING
	TREE LIMB REMOVAL
	TREE PRUNING
	STUMP REMOVAL

PAVEMENT MARKING LEGEND	
①	THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
②	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)
③	THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
④	THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)
⑤	THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)
⑥	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE
⑦	THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE
⑧	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
⑨	THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
⑩	THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
⑪	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
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⑬	THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.)
⑭	THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 3' LINE WITH 9' SPACE (TYP.)

EXISTING AND PROPOSED

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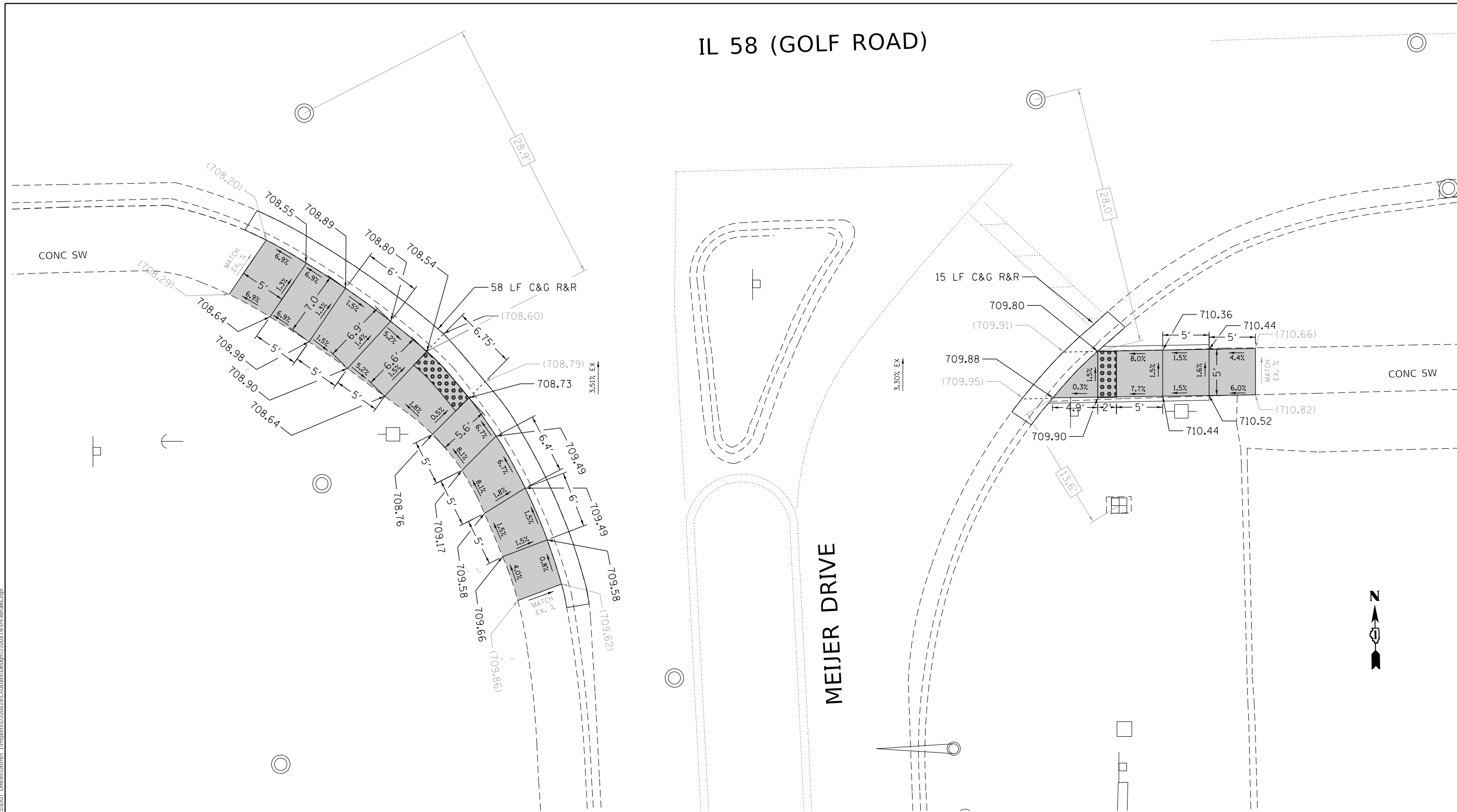
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PLOT DATE = 2/1/2019	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLANS	
IL. ROUTE 58 (GOLF RD.) (W/O MEIJER RD. TO BROADWAY ST.)	
SCALE: 1" = 50'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

# IL 58 (GOLF ROAD)



## LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
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PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27A
CONTRACT NO. 62H12				

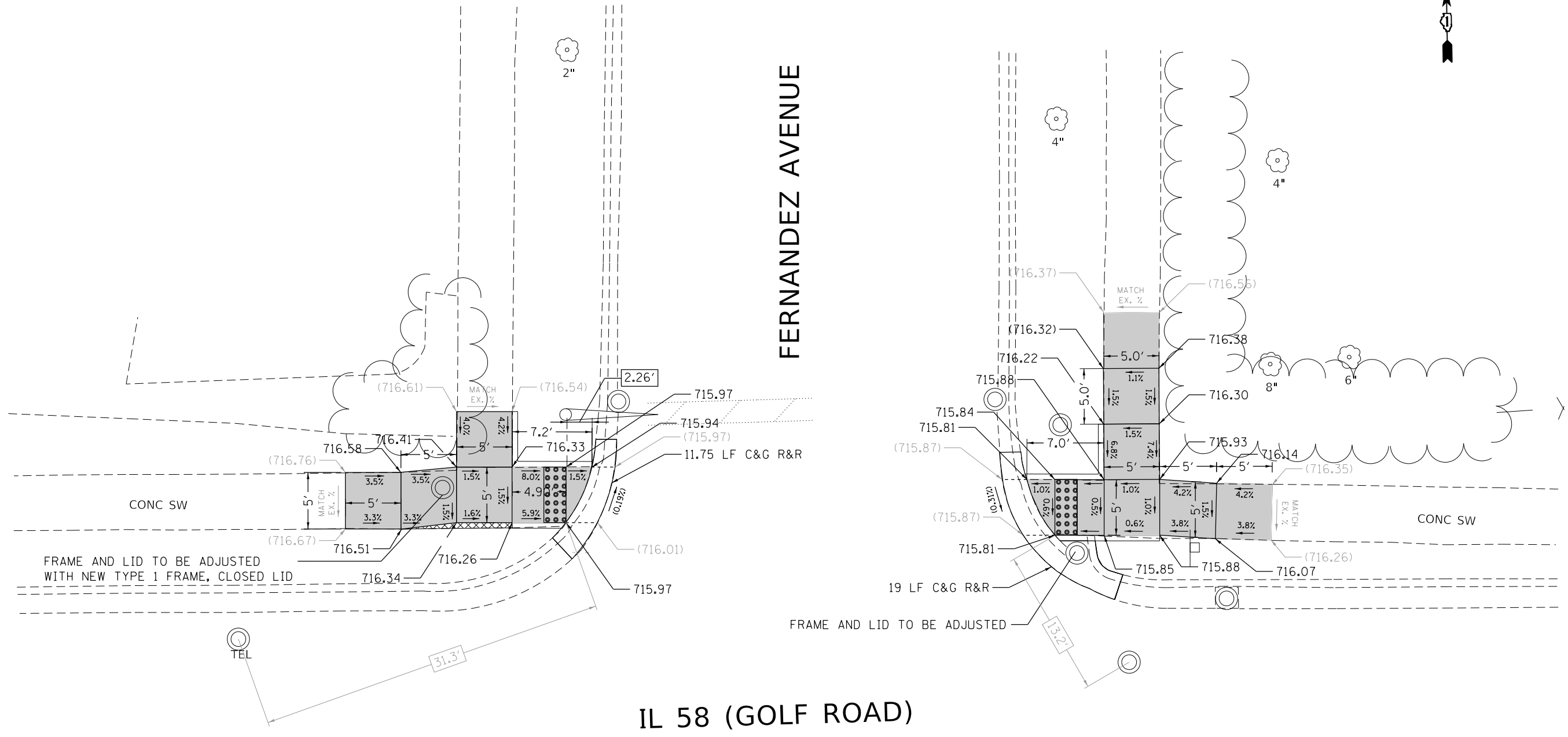
ILLINOIS FED. AID PROJECT

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FERNANDEZ AVENUE



IL 58 (GOLF ROAD)

**LEGEND**

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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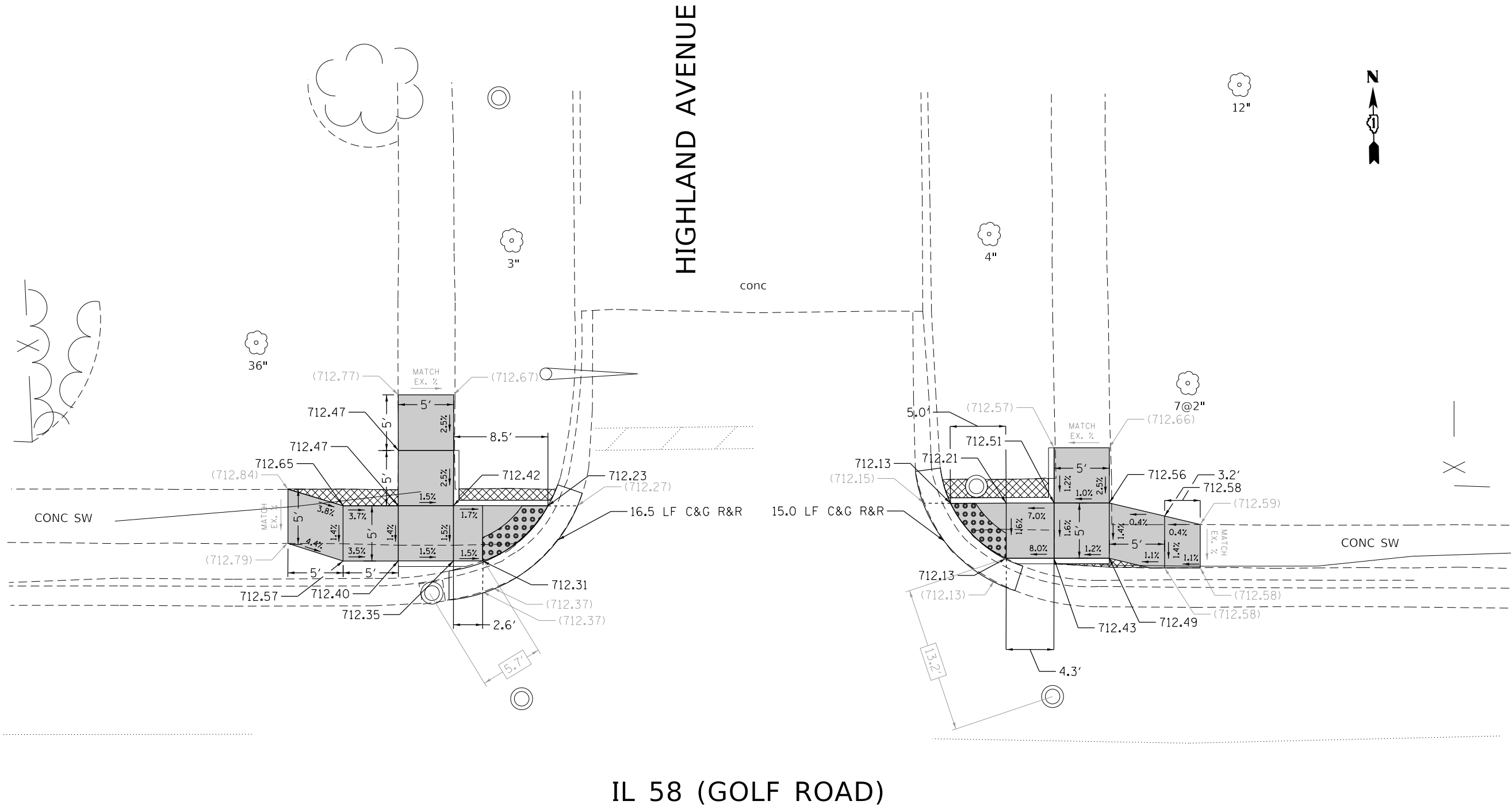
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27B
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

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### IL 58 (GOLF ROAD)

#### LEGEND

- xx.xx' EXISTING LENGTH
- EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

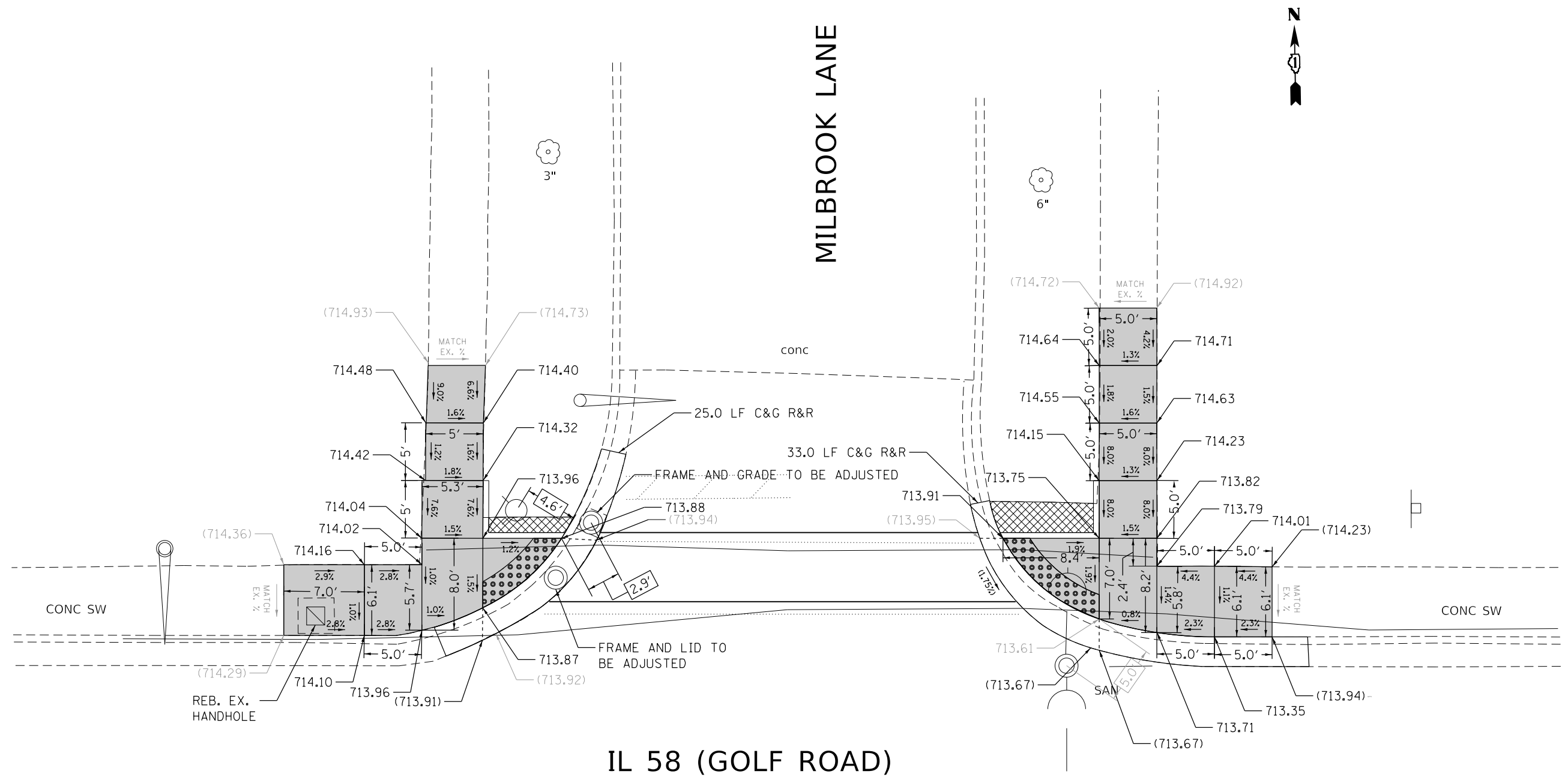
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEJER RD. TO BROADWAY ST.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27C
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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### LEGEND

[---] EXISTING LENGTH  
 ( ) EXISTING ELEVATION/SLOPE

[■] PROPOSED SIDEWALK  
 [—] PROPOSED SIDE CURB  
 SC TOP OF PROPOSED SIDE CURB

[■] CLASS D PATCH  
 [■] DETECTABLE WARNINGS  
 [■] SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

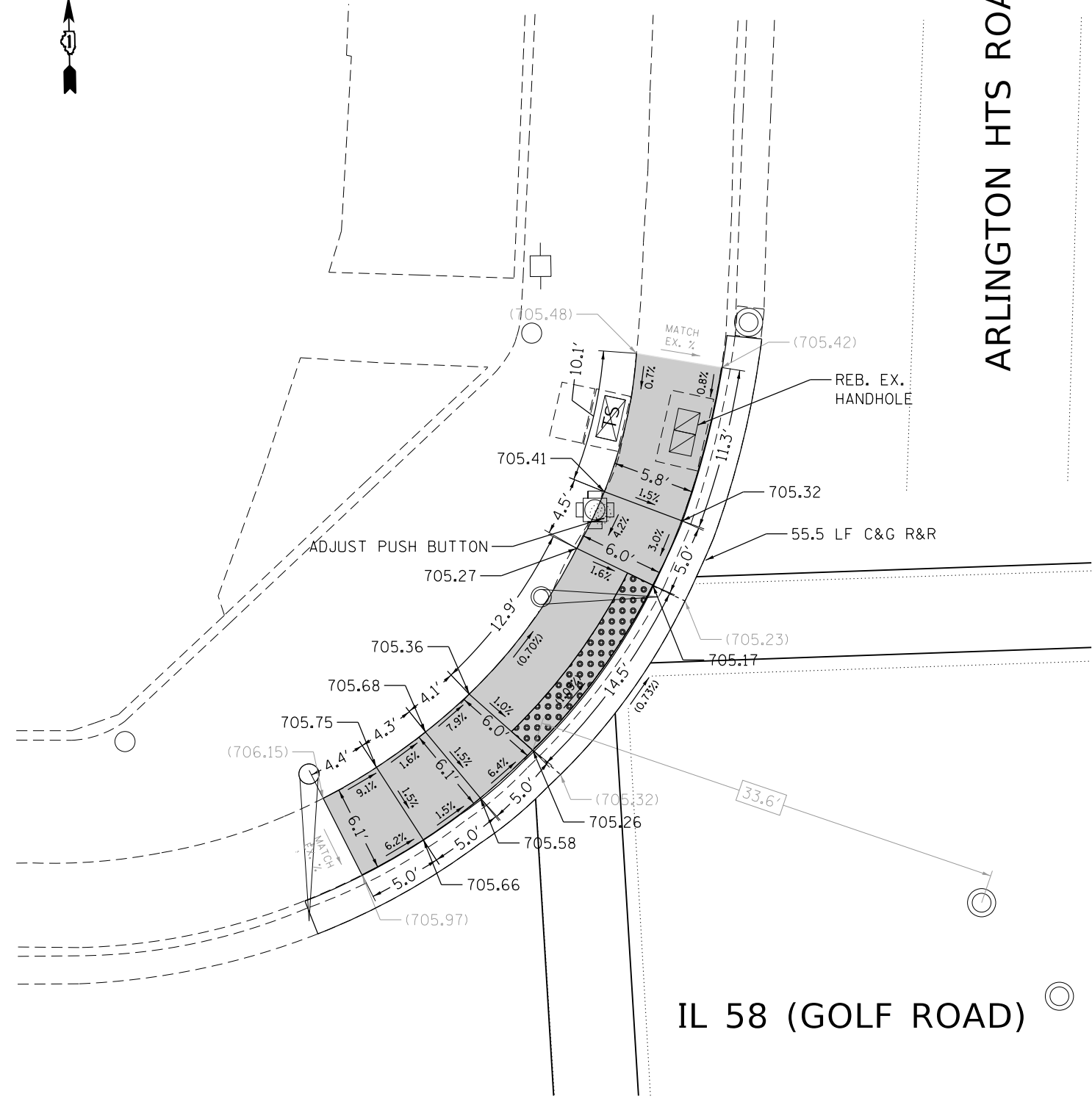
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PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
 58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

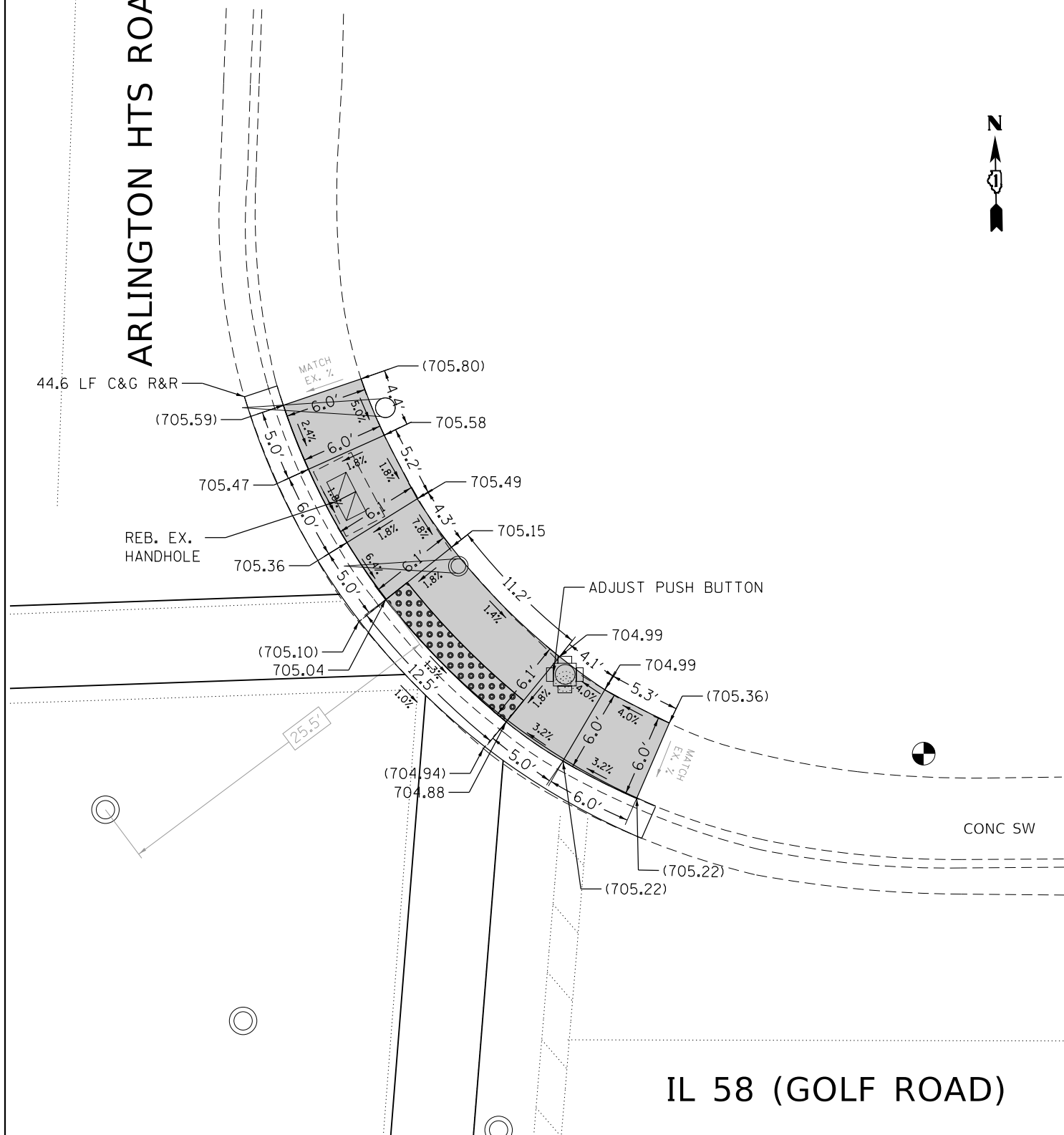
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27D
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



ARLINGTON HTS ROAD

IL 58 (GOLF ROAD)



ARLINGTON HTS ROAD

IL 58 (GOLF ROAD)

LEGEND

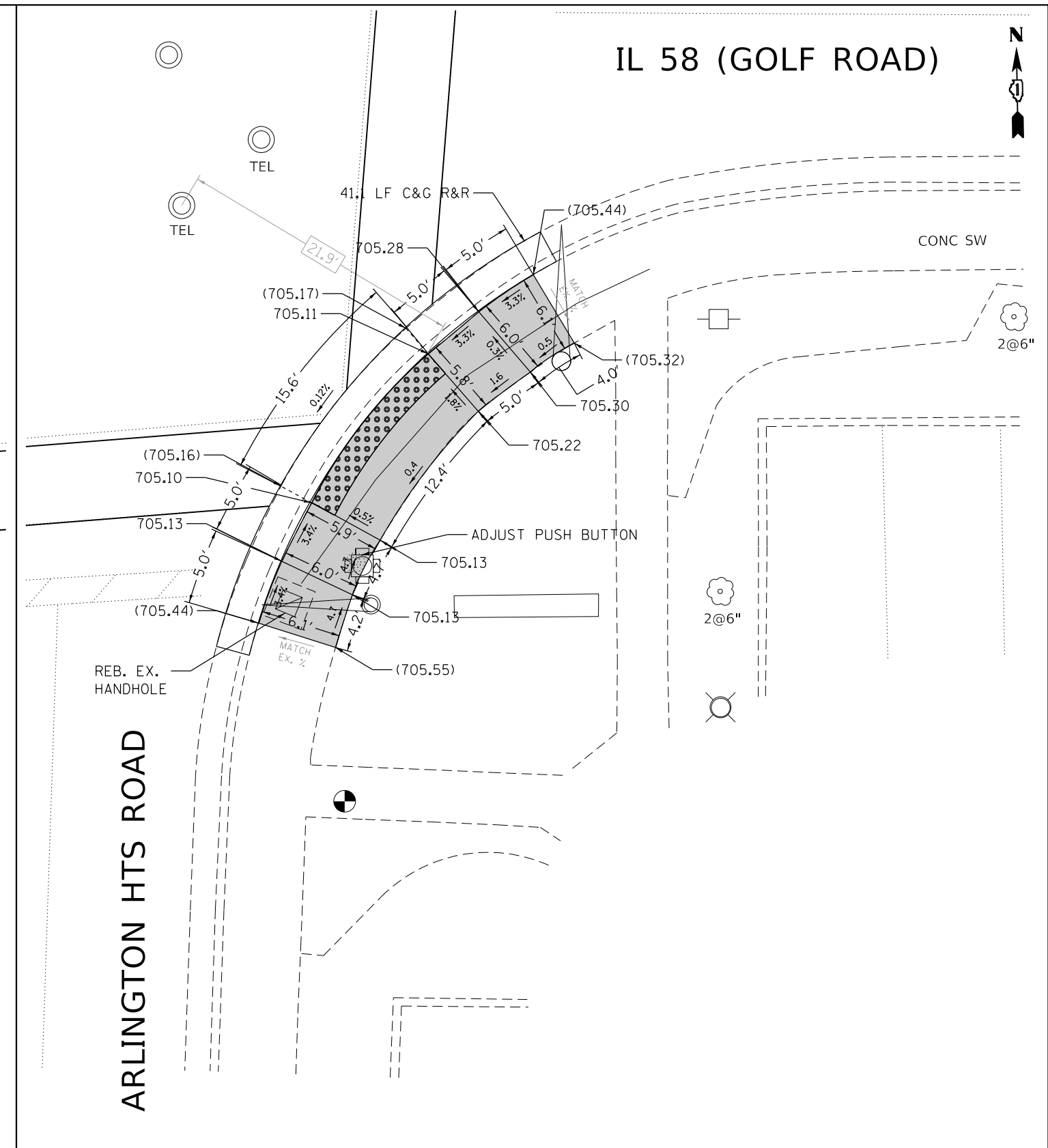
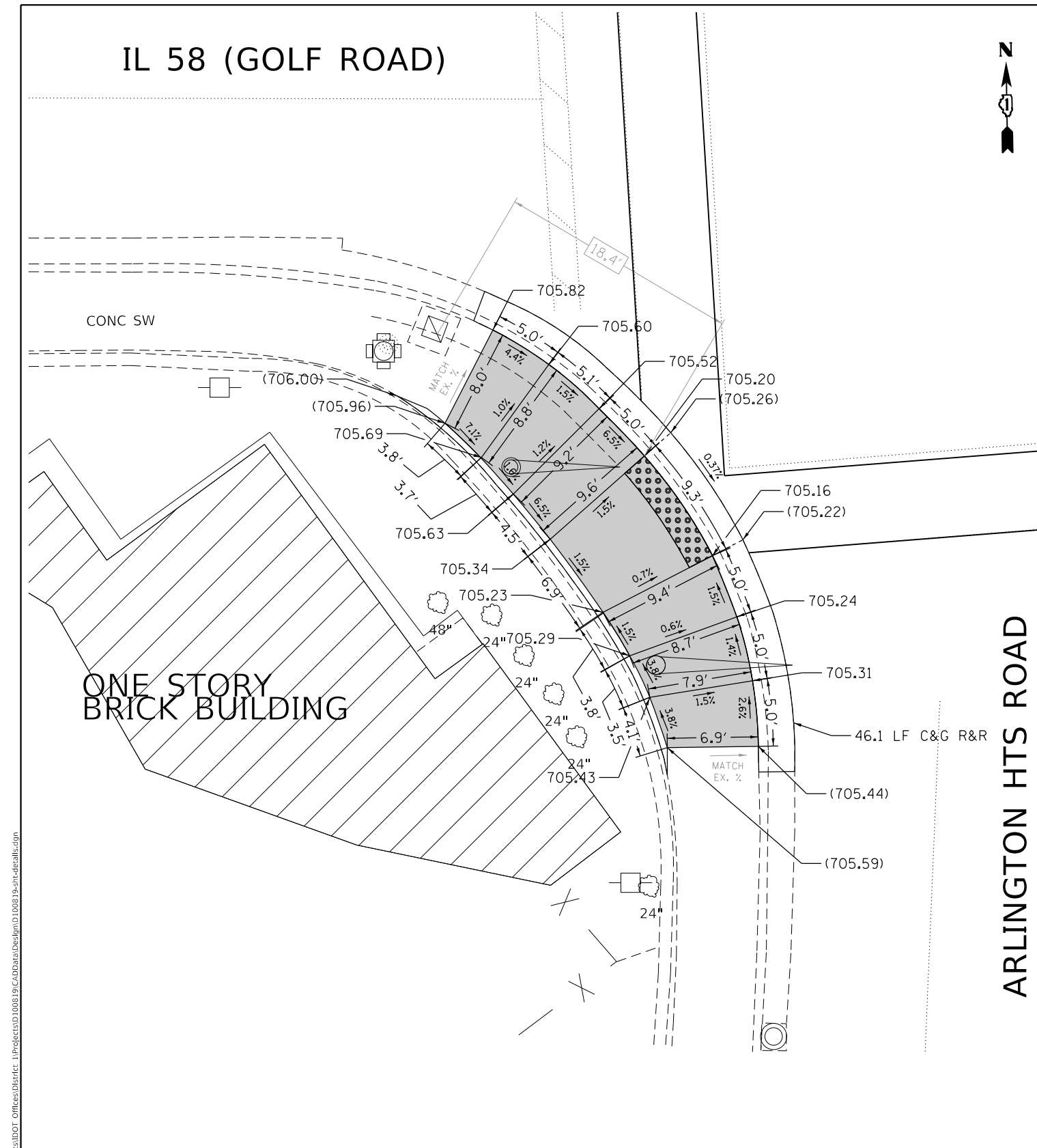
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|----------|--------------------------|------------------|---------------------------|---------------------------|--|
| (xx.xx') | EXISTING LENGTH          | [Solid Grey Box] | PROPOSED SIDEWALK         | [Dotted Pattern Box]      | CLASS D PATCH                            |
| ( )      | EXISTING ELEVATION/SLOPE | [Dashed Line]    | PROPOSED SIDE CURB        | [Dotted Pattern Box]      | DETECTABLE WARNINGS                      |
|          |                          | SC               | TOP OF PROPOSED SIDE CURB | [Cross-hatch Pattern Box] | SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD |

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USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
PLOT SCALE = 10,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN					
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)					
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
339	2018-078-R5	COOK	56	27E	
CONTRACT NO. 62H12					
ILLINOIS FED. AID PROJECT					
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



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### LEGEND

<span style="border: 1px solid black; padding: 2px;">xx.xx'</span>	EXISTING LENGTH		PROPOSED SIDEWALK		CLASS D PATCH
( )	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB		DETECTABLE WARNINGS
		SC	TOP OF PROPOSED SIDE CURB		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2019	CHECKED -	REVISED -
	DATE -	REVISED -

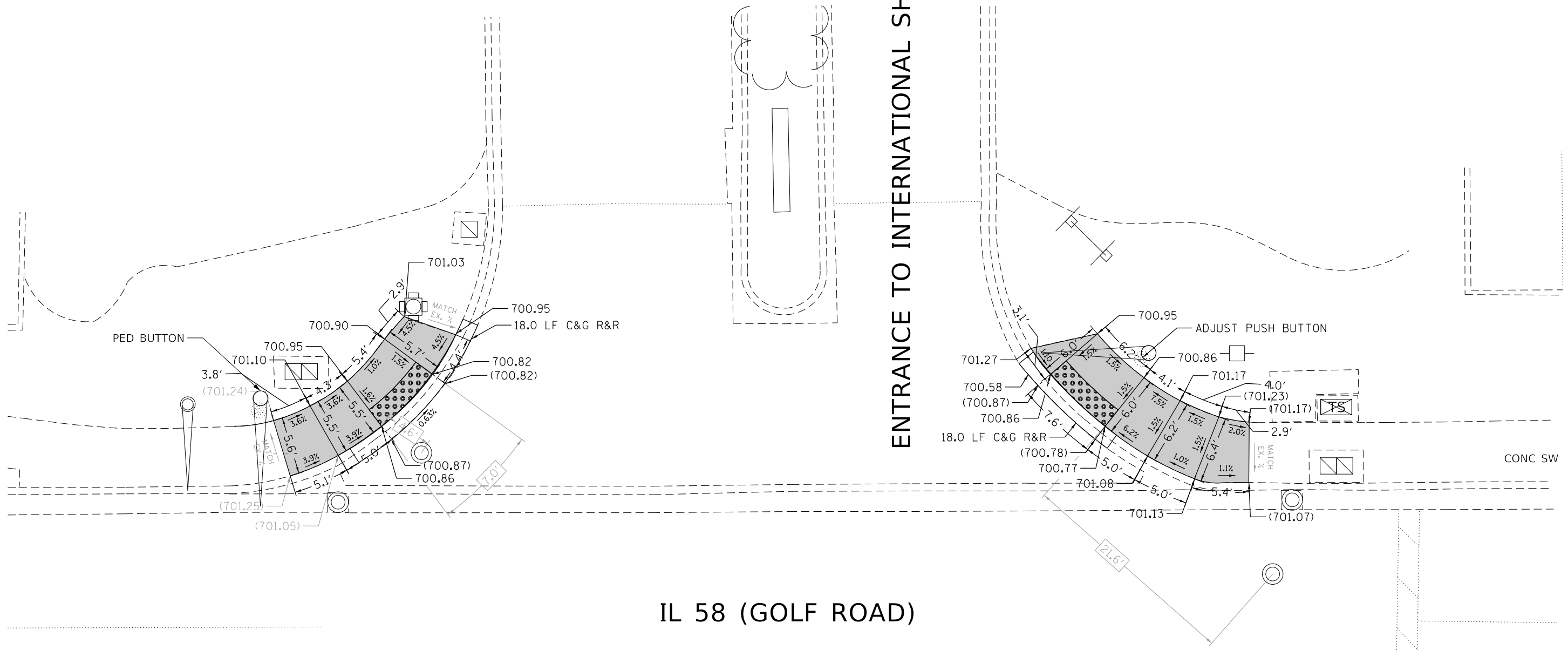
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN**  
**58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27F
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

MODEL: Default  
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### LEGEND

[XX.XX'] EXISTING LENGTH  
 ( ) EXISTING ELEVATION/SLOPE

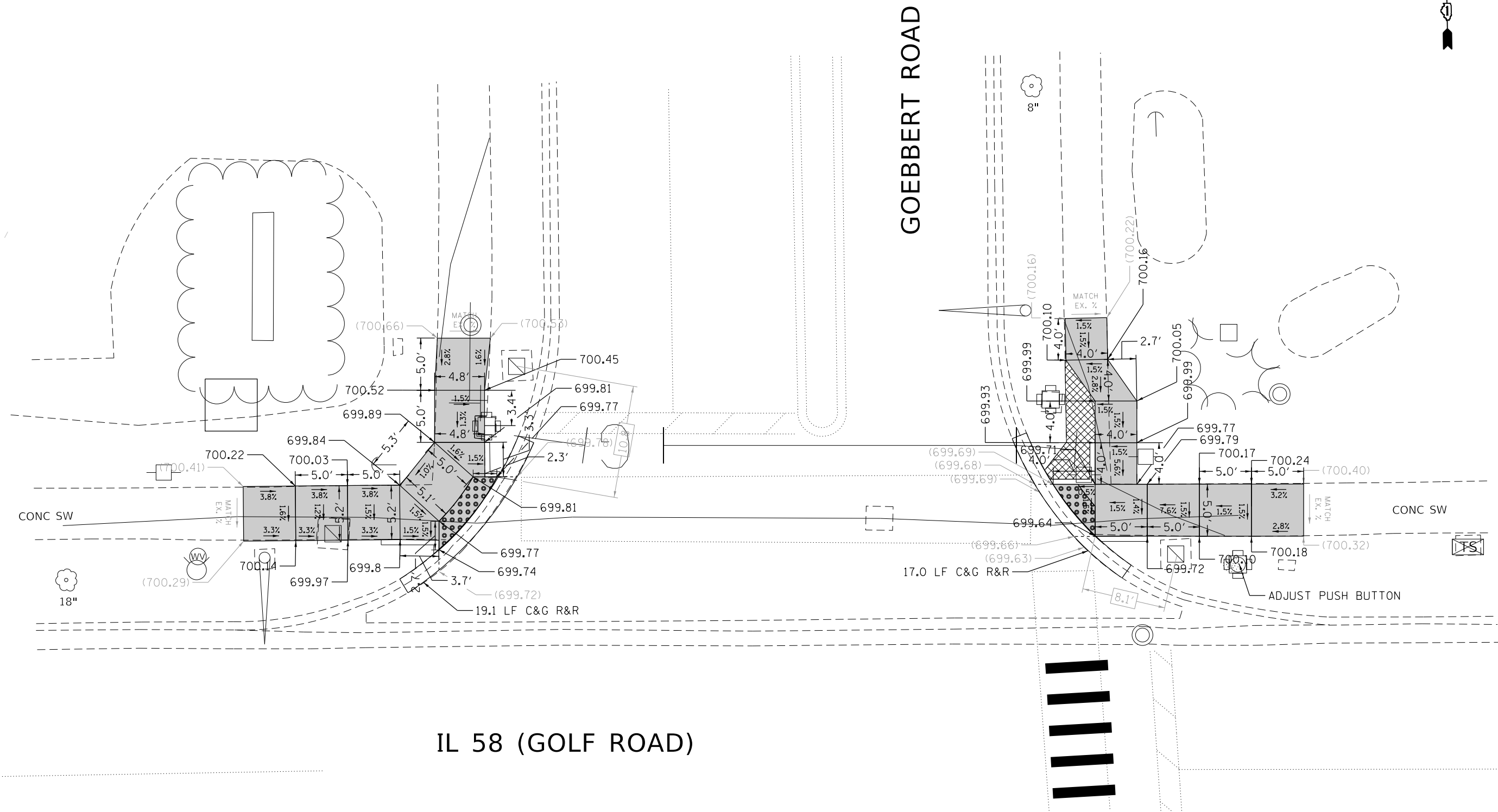
[Grey Box] PROPOSED SIDEWALK  
 [Dashed Line] PROPOSED SIDE CURB  
 SC TOP OF PROPOSED SIDE CURB  
 [Grid Pattern] CLASS D PATCH  
 [Dot Pattern] DETECTABLE WARNINGS  
 [Cross-Hatch] SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

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

<b>SIDEWALK DETAIL PLAN</b> <b>58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 27G
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



IL 58 (GOLF ROAD)

**LEGEND**

xx.xx'

EXISTING LENGTH

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



PROPOSED SIDE CURB

SC

TOP OF PROPOSED SIDE CURB



CLASS D PATCH



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

MODEL: Default  
 FILE: \\harc...  
 PROJECT: ...  
 USER: ...  
 DATE: 3/14/2019

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

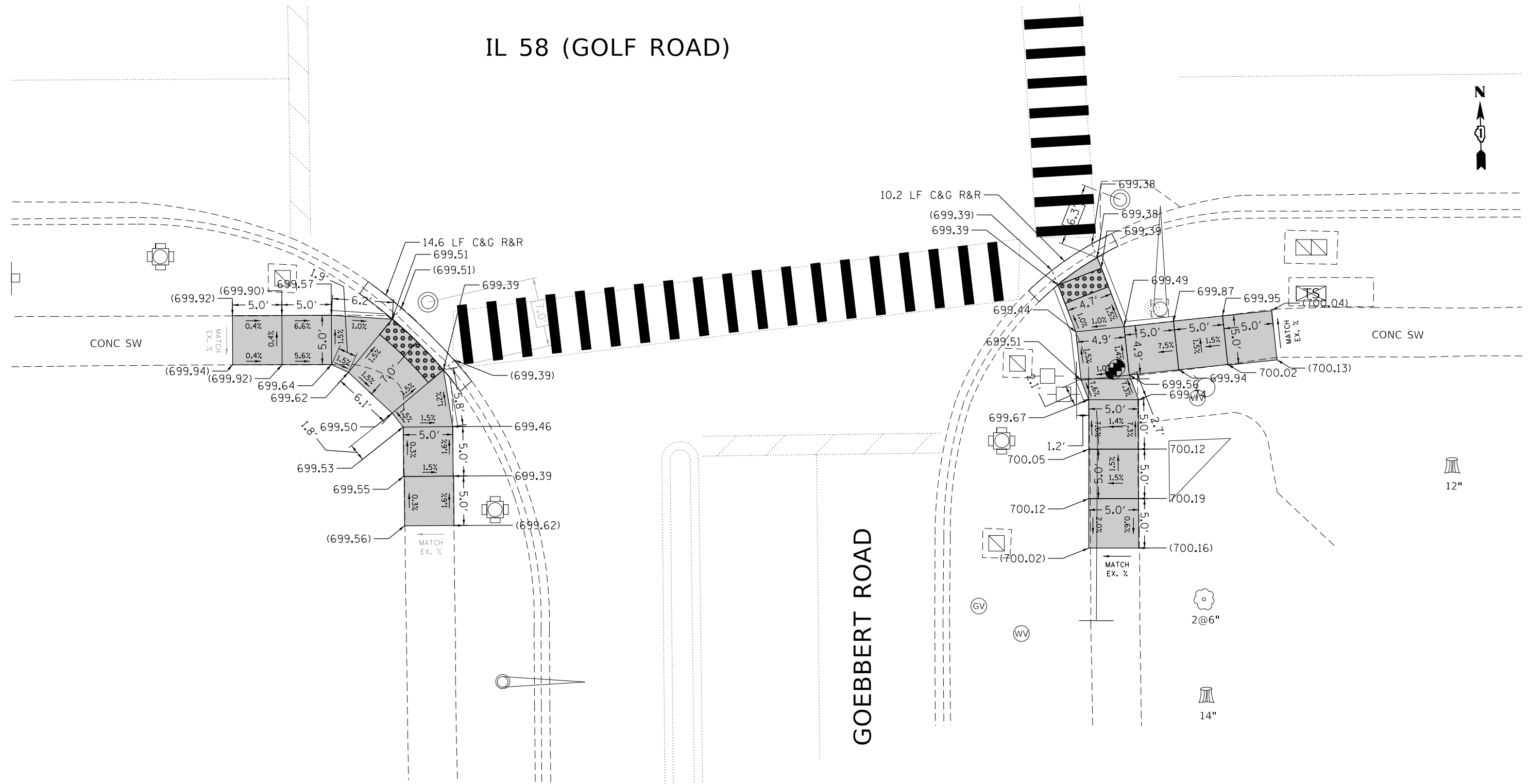
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 27H
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

# IL 58 (GOLF ROAD)



## LEGEND



EXISTING LENGTH



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



PROPOSED SIDE CURB

SC

TOP OF PROPOSED SIDE CURB



CLASS D PATCH



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

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	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

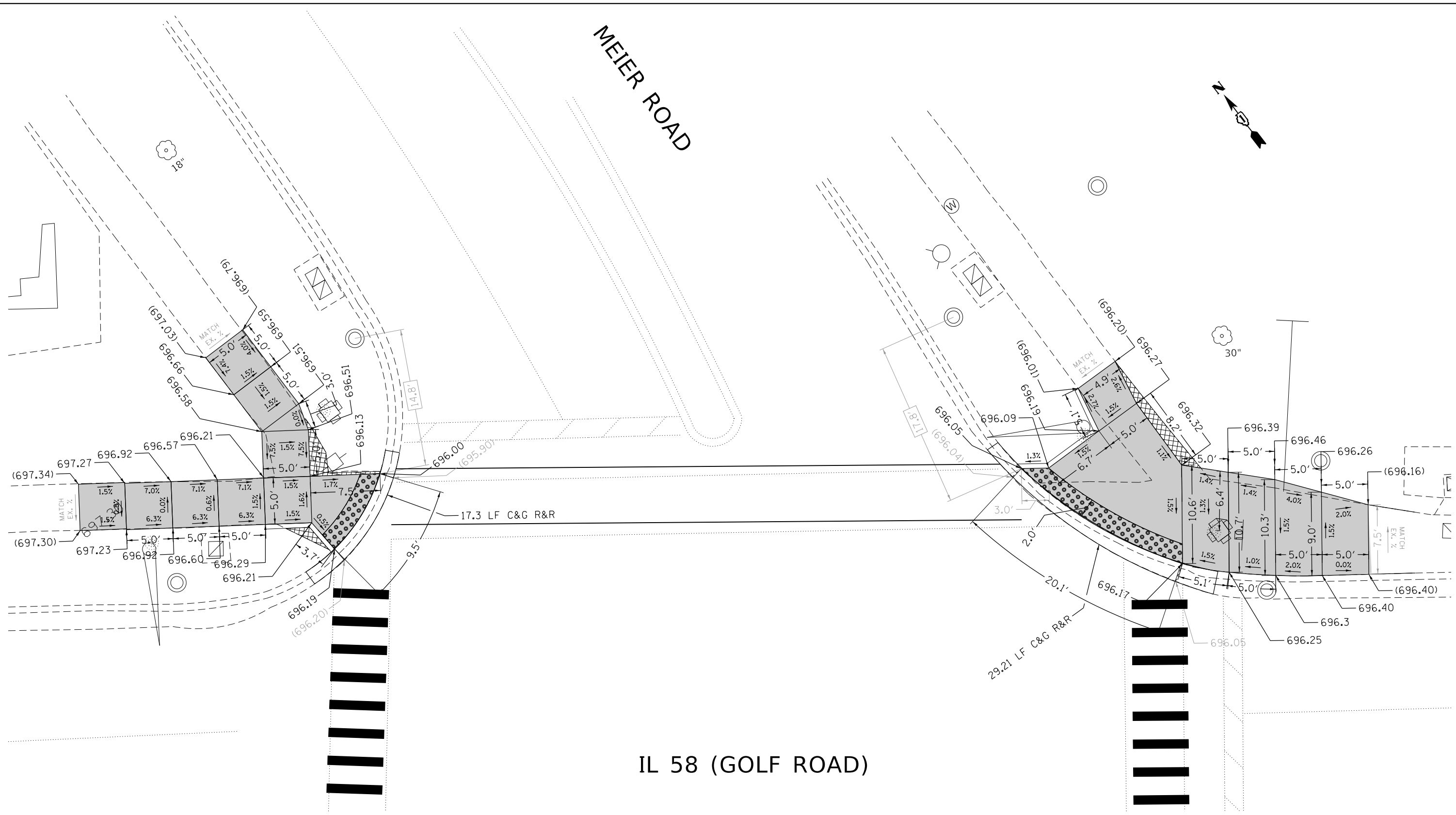
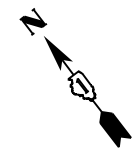
**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	271
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



MEIER ROAD



**LEGEND**

xx.xx' EXISTING LENGTH

( ) EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

PROPOSED SIDE CURB

SC TOP OF PROPOSED SIDE CURB

CLASS D PATCH

DETECTABLE WARNINGS

SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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PLOT DATE = 3/14/2019	DATE -	REVISED -

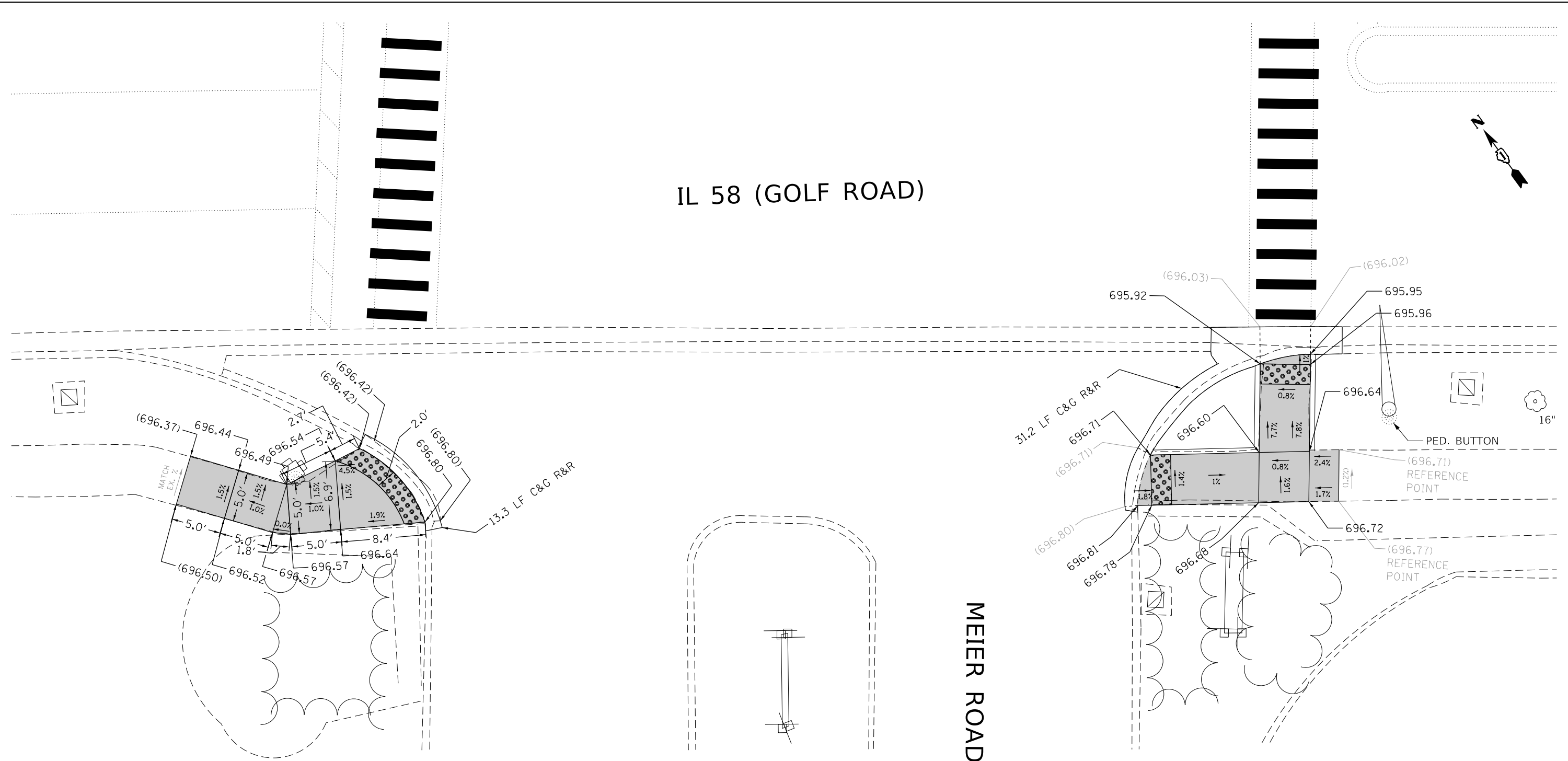
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SIDEWALK DETAIL PLAN**  
**58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	271
CONTRACT NO. 62H12				
ILLINOIS		FED. AID PROJECT		

# IL 58 (GOLF ROAD)



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## LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

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

**SIDEWALK DETAIL PLAN**  
**58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

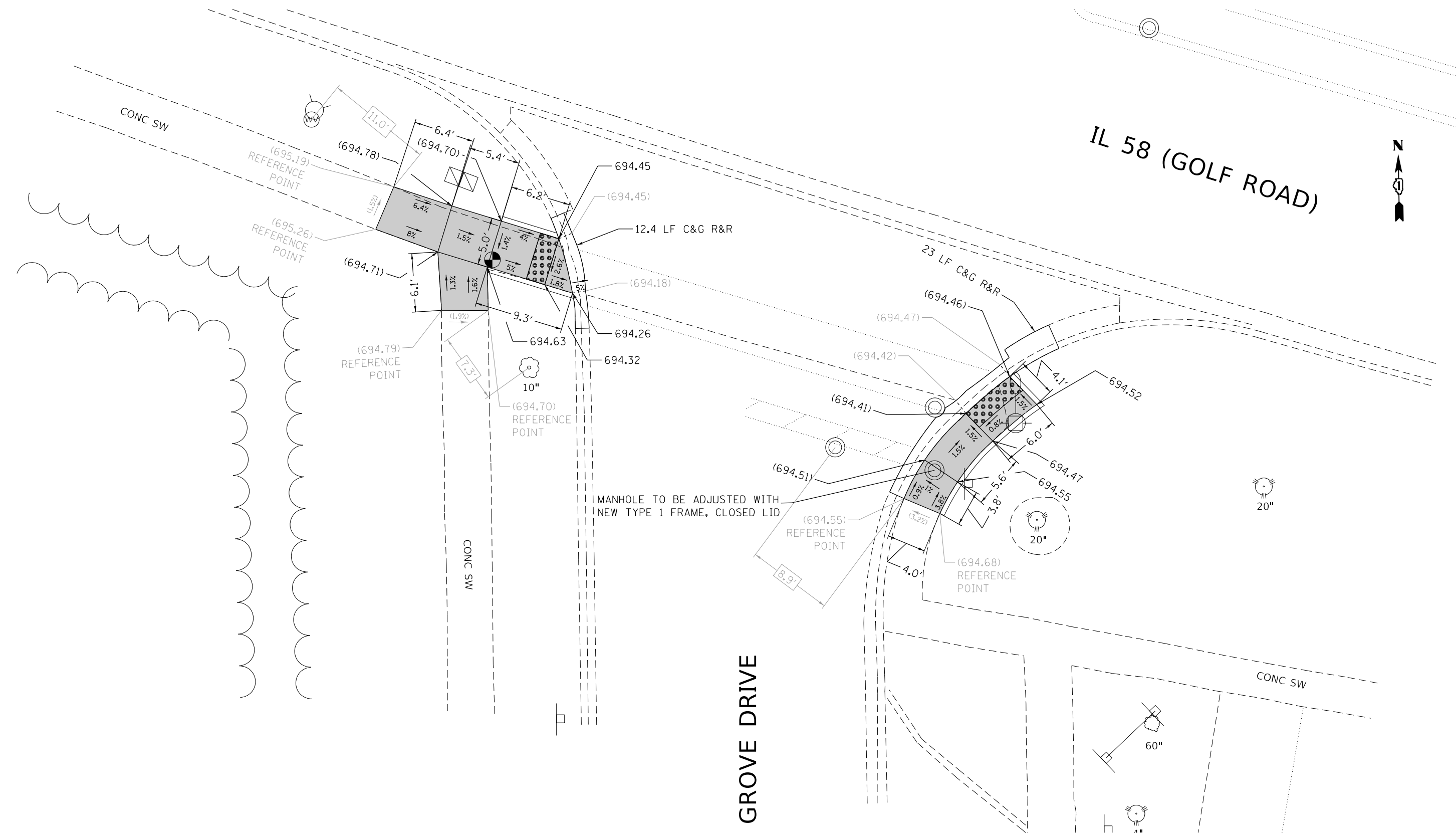
SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27K
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



IL 58 (GOLF ROAD)

GROVE DRIVE



xx.xx' EXISTING LENGTH

( ) EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

PROPOSED SIDE CURB

SC TOP OF PROPOSED SIDE CURB

CLASS D PATCH

DETECTABLE WARNINGS

SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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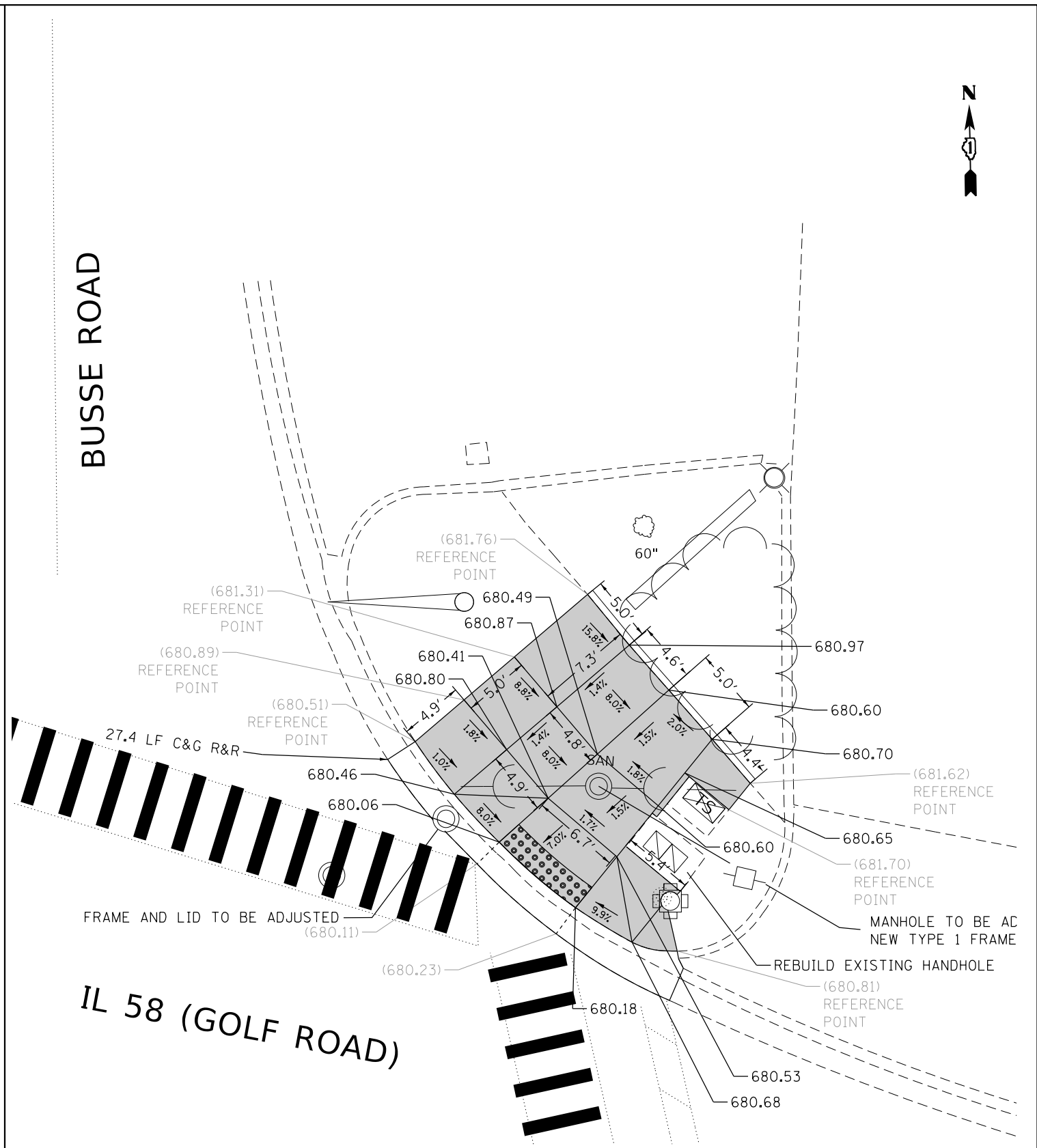
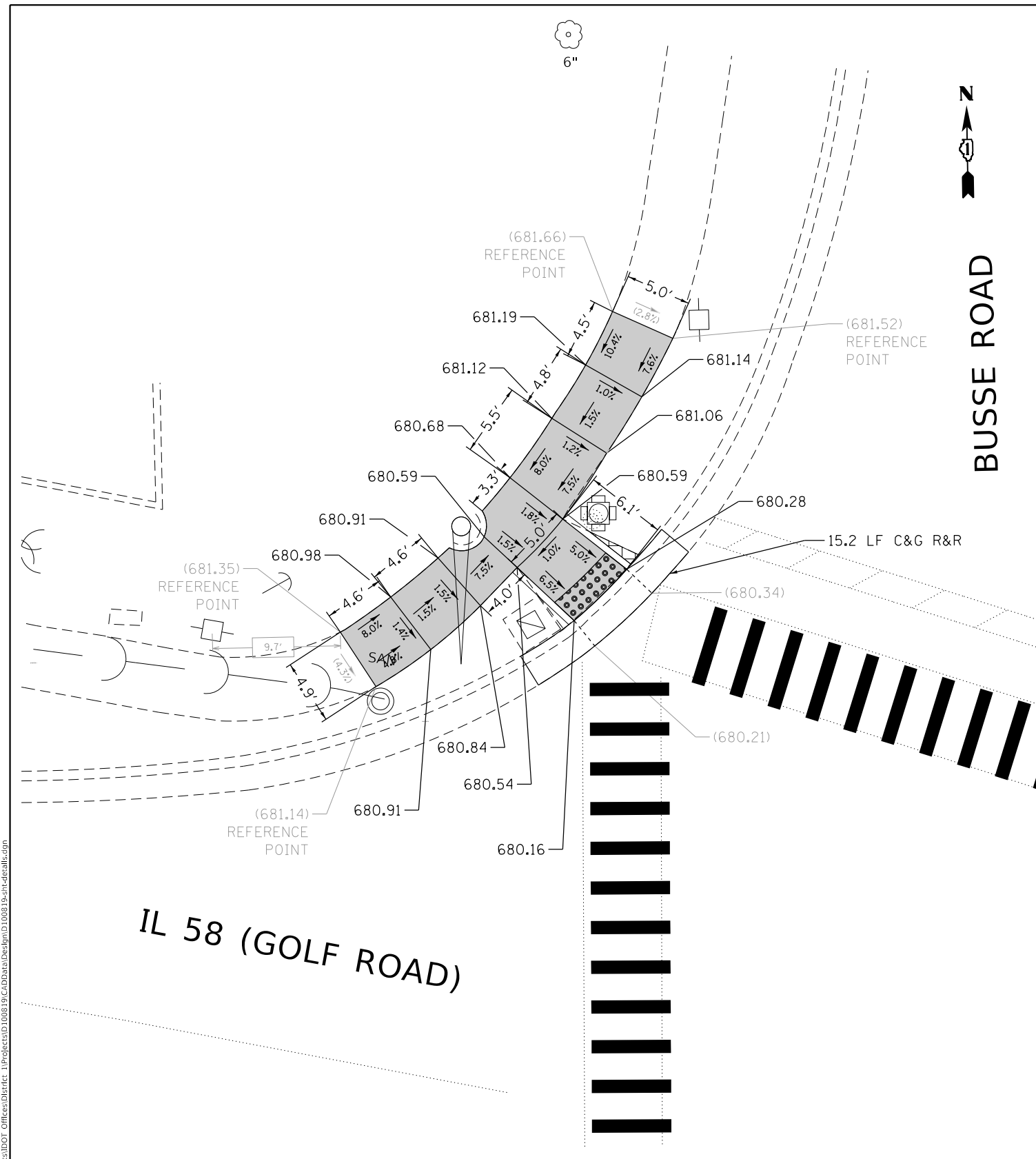
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PLOT DATE = 3/14/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
 58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 27L
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

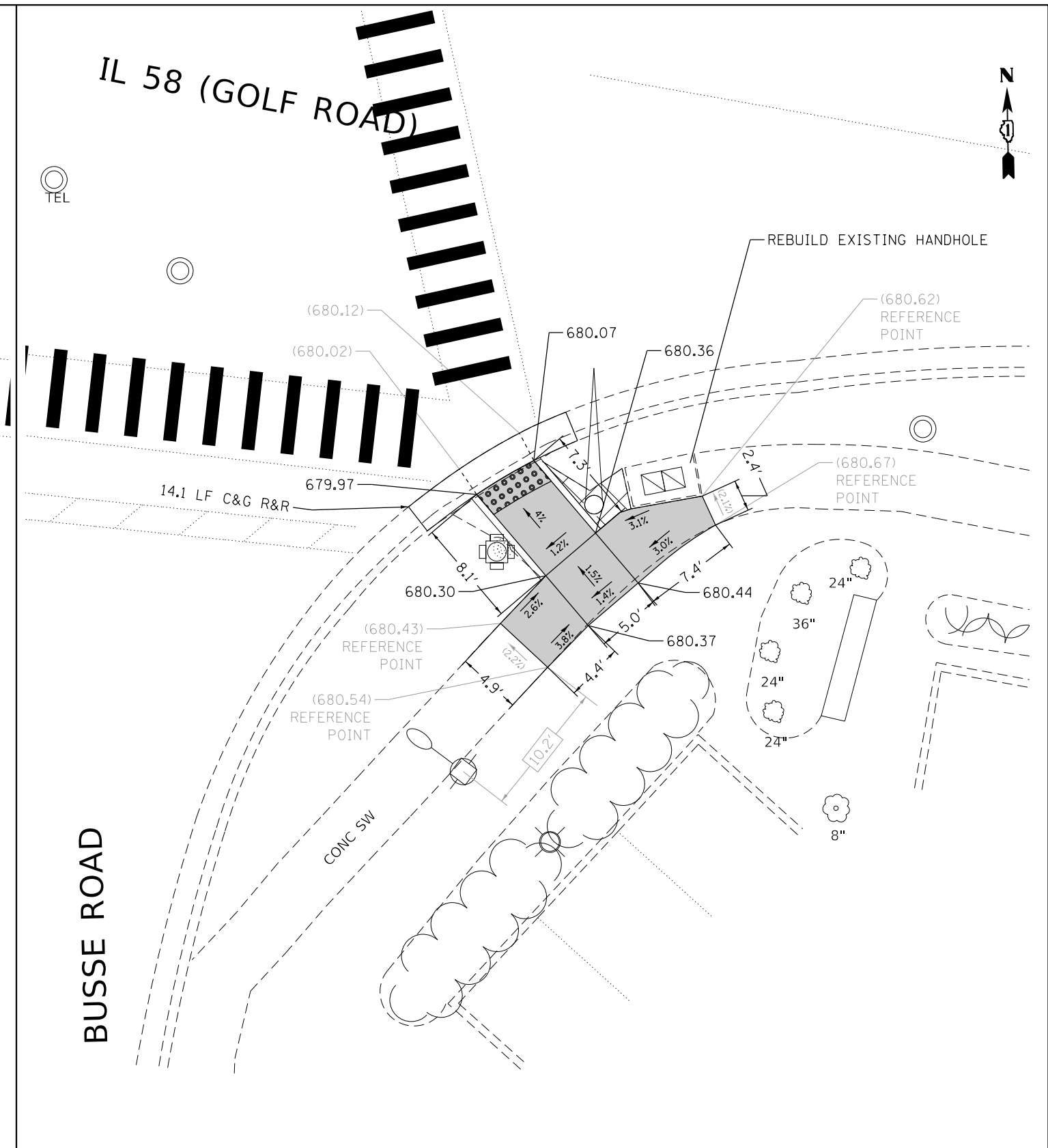
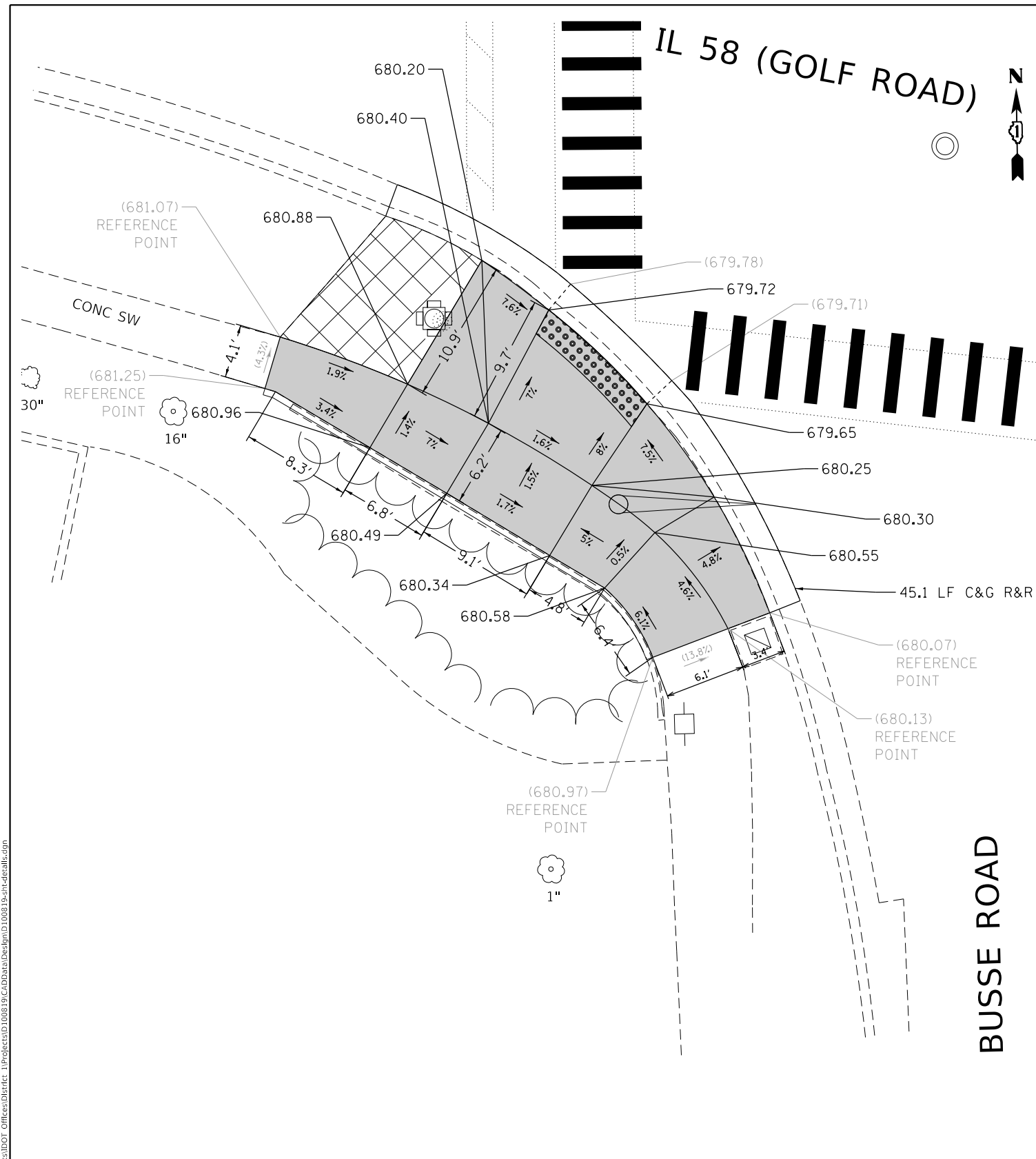
**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27M
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

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### LEGEND

[xx.xx'] EXISTING LENGTH  
 ( ) EXISTING ELEVATION/SLOPE

[Solid Grey Box] PROPOSED SIDEWALK  
 [Dashed Line] PROPOSED SIDE CURB  
 SC TOP OF PROPOSED SIDE CURB

[Grid Pattern] CLASS D PATCH  
 [Dotted Pattern] DETECTABLE WARNINGS  
 [Cross-hatch Pattern] SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

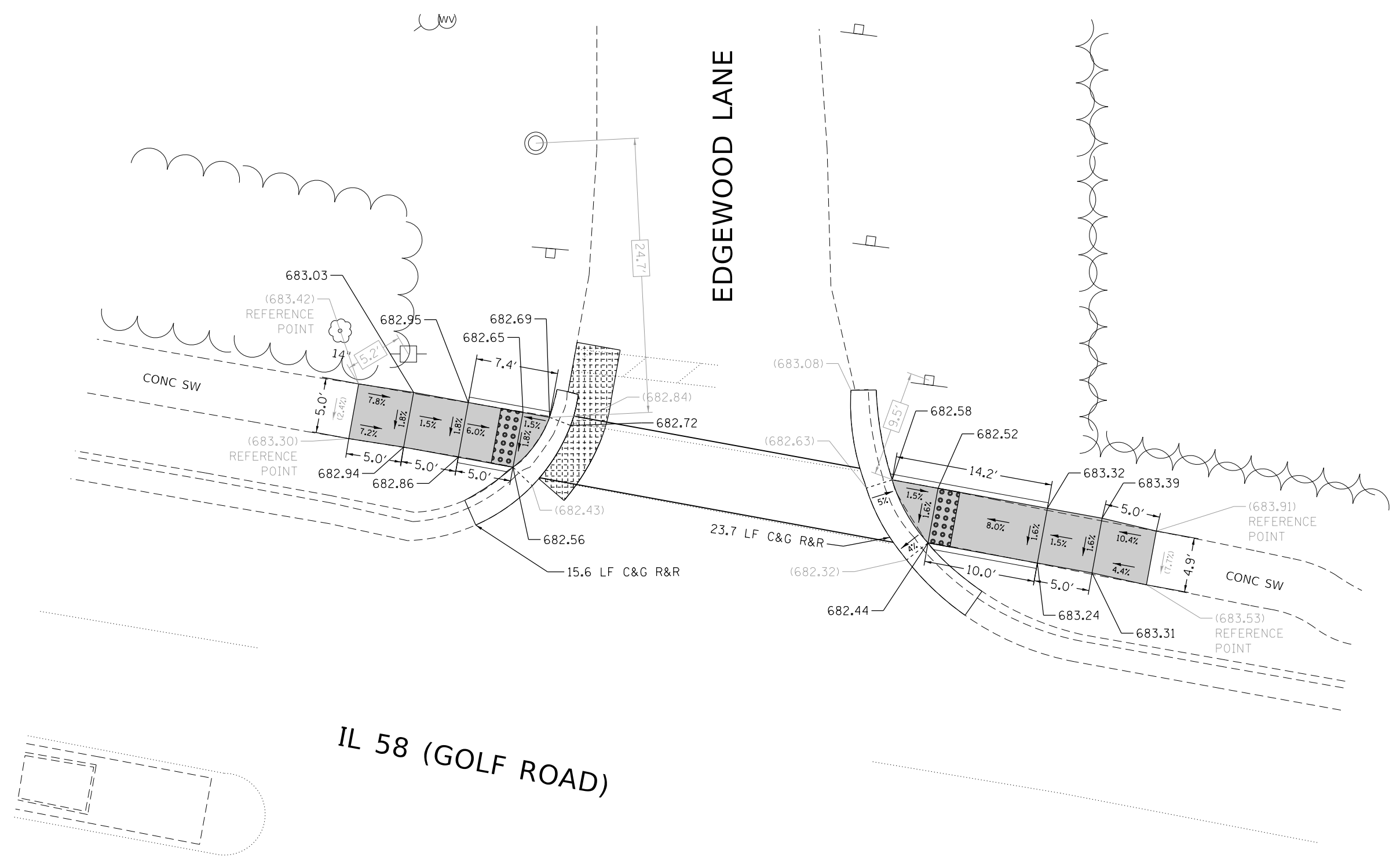
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN**  
**58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 27N
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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**IL 58 (GOLF ROAD)**

**LEGEND**

- xx.xx' EXISTING LENGTH
- EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

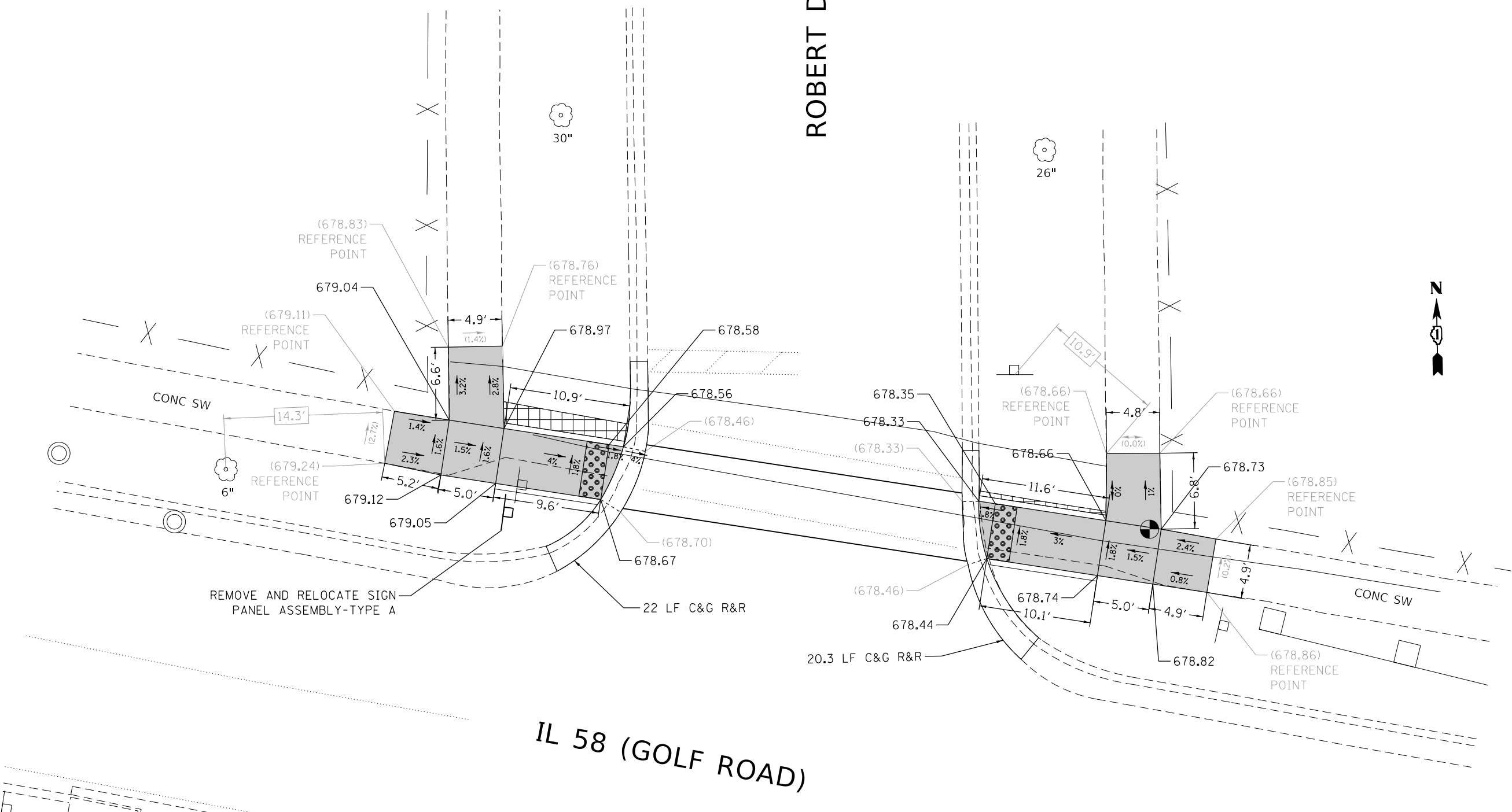
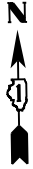
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	270
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

ROBERT DRIVE



IL 58 (GOLF ROAD)

**LEGEND**

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = kalorm	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

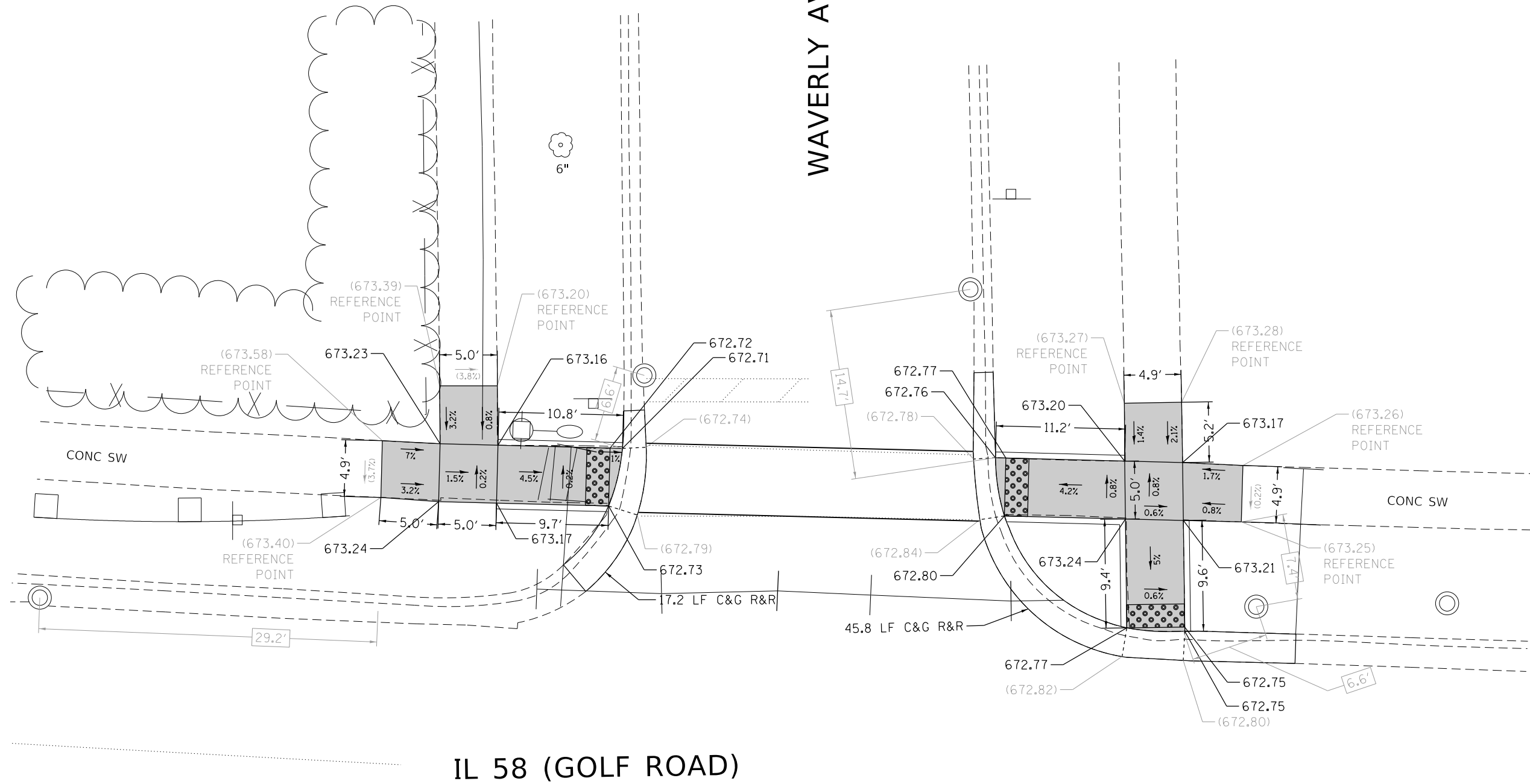
**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27P
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

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WAVERLY AVENUE



IL 58 (GOLF ROAD)

LEGEND

xx.xx'

EXISTING LENGTH

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



PROPOSED SIDE CURB

SC

TOP OF PROPOSED SIDE CURB



CLASS D PATCH



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

MODEL: Default  
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PLOT DATE = 3/14/2019	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

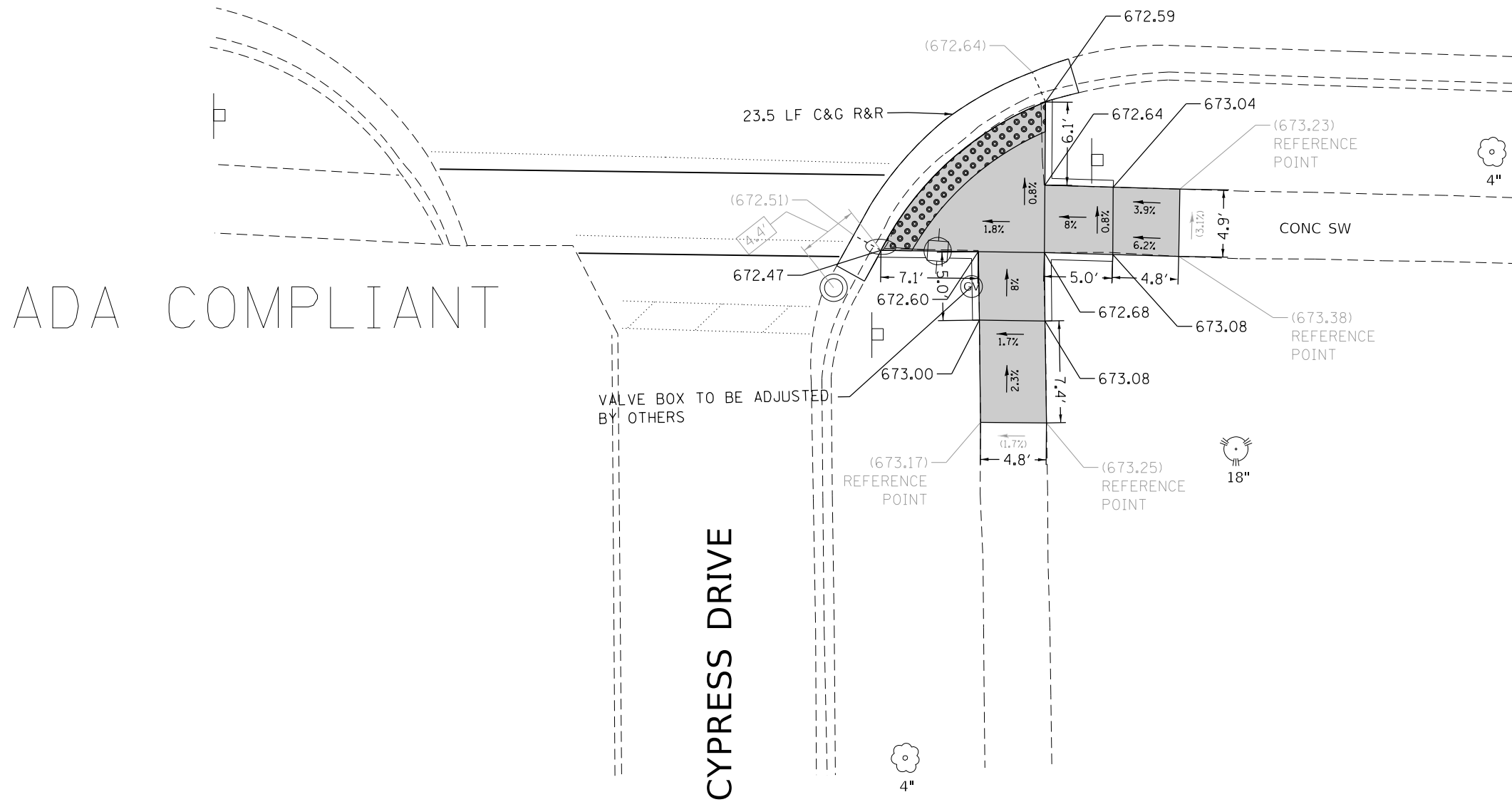
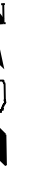
SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27Q
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



# IL 58 (GOLF ROAD)



## LEGEND

xx.xx' EXISTING LENGTH  
 ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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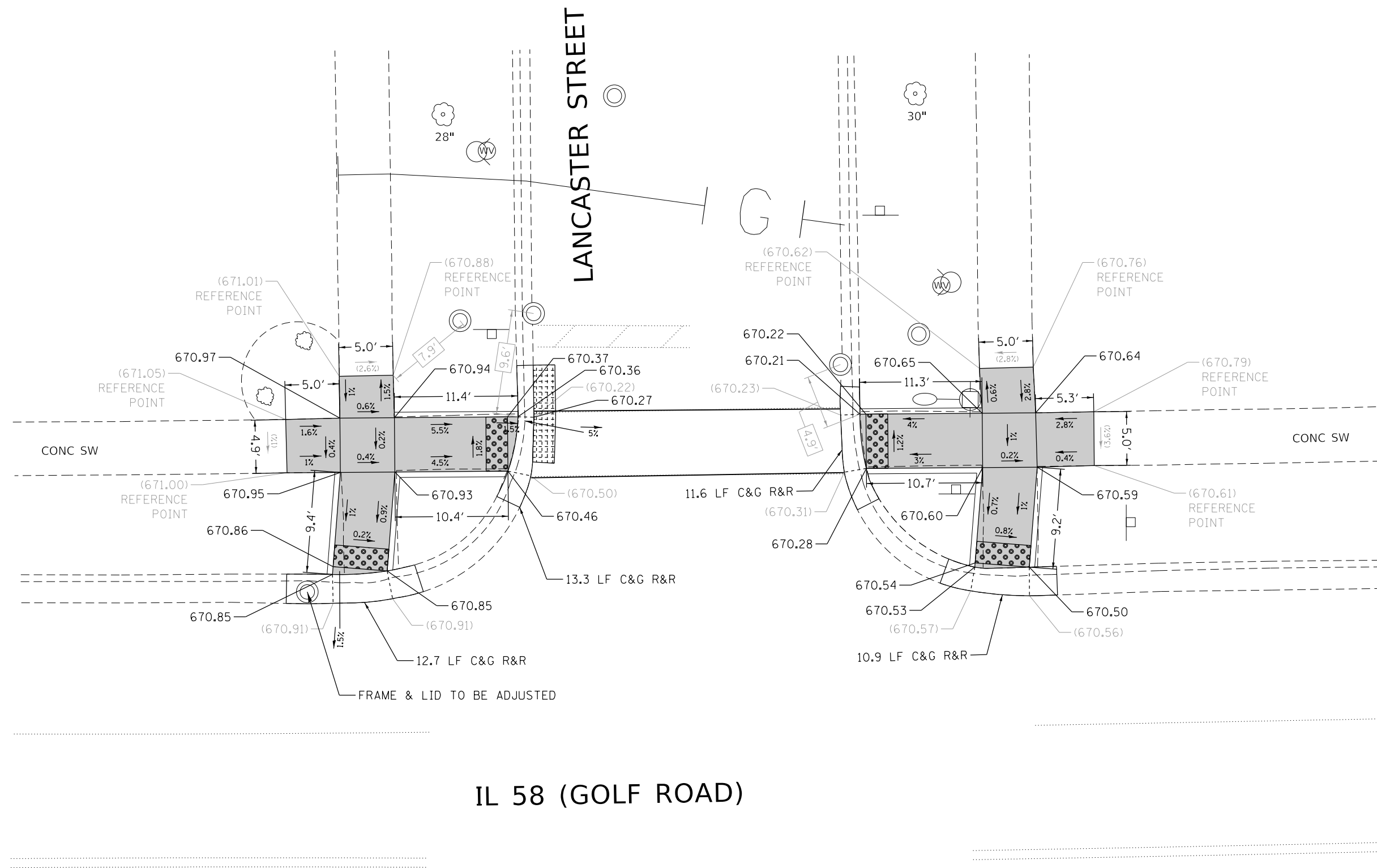
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
 58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27R
CONTRACT NO. 62H12				

ILLINOIS FED. AID PROJECT



### IL 58 (GOLF ROAD)

#### LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

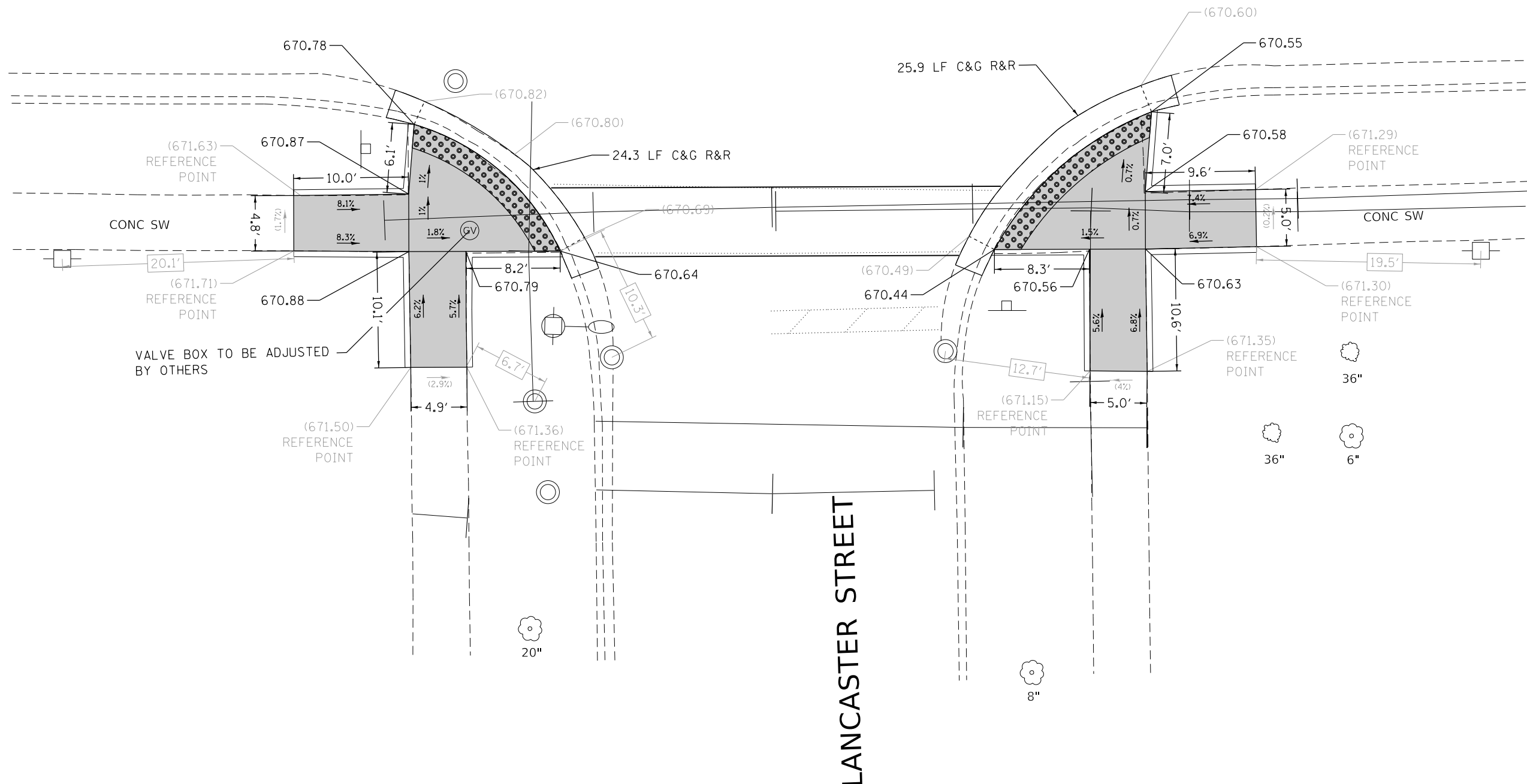
SIDEWALK DETAIL PLAN			
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	275
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

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# IL 58 (GOLF ROAD)



## LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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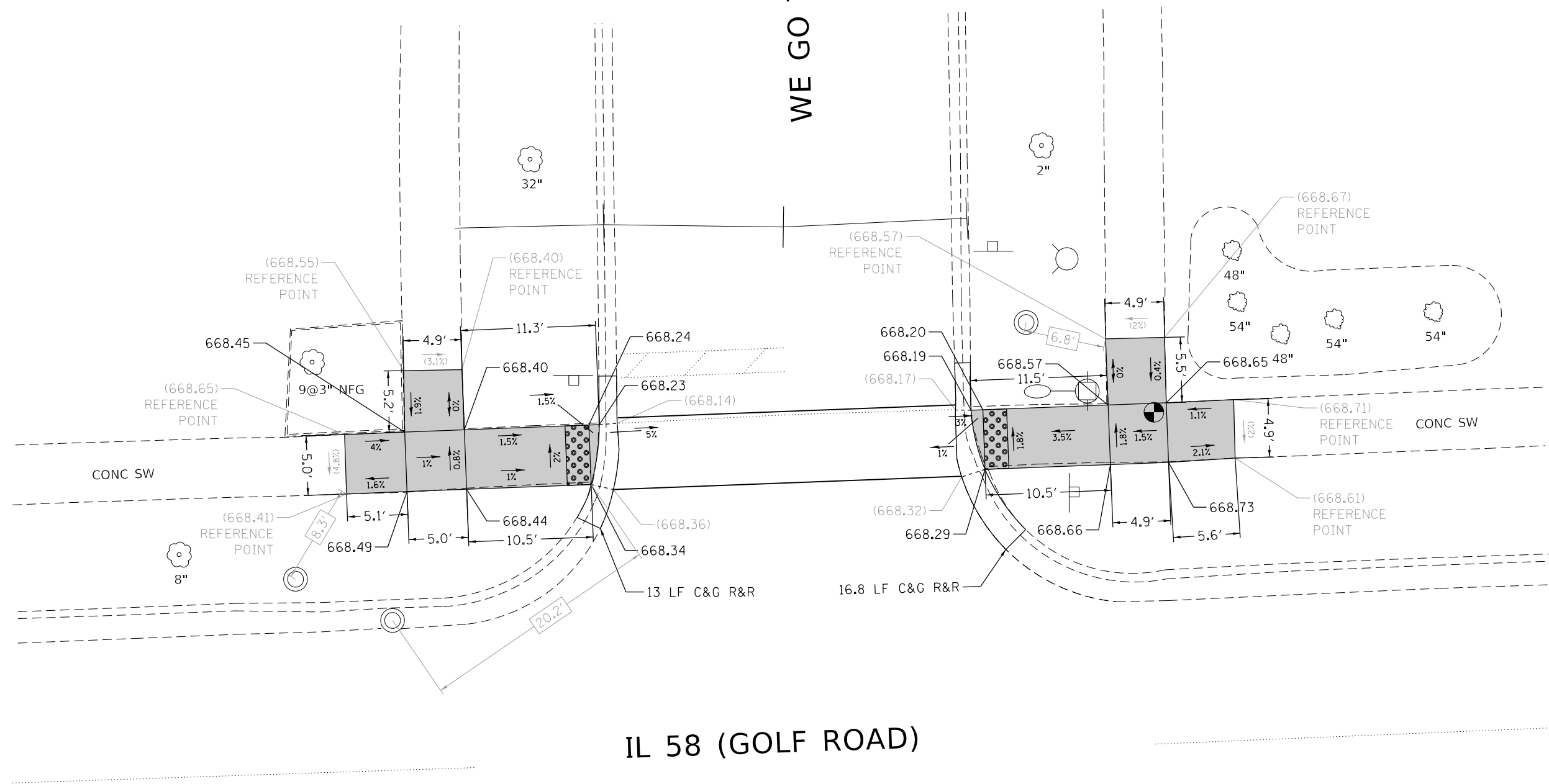
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PLOT DATE = 3/14/2019	DATE -	REVISED -

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

<b>SIDEWALK DETAIL PLAN</b>			
<b>58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27T
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

WE GO TRAIL



### LEGEND

xx.xx'

EXISTING LENGTH

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



PROPOSED SIDE CURB

SC

TOP OF PROPOSED SIDE CURB



CLASS D PATCH



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

IL 58 (GOLF ROAD)

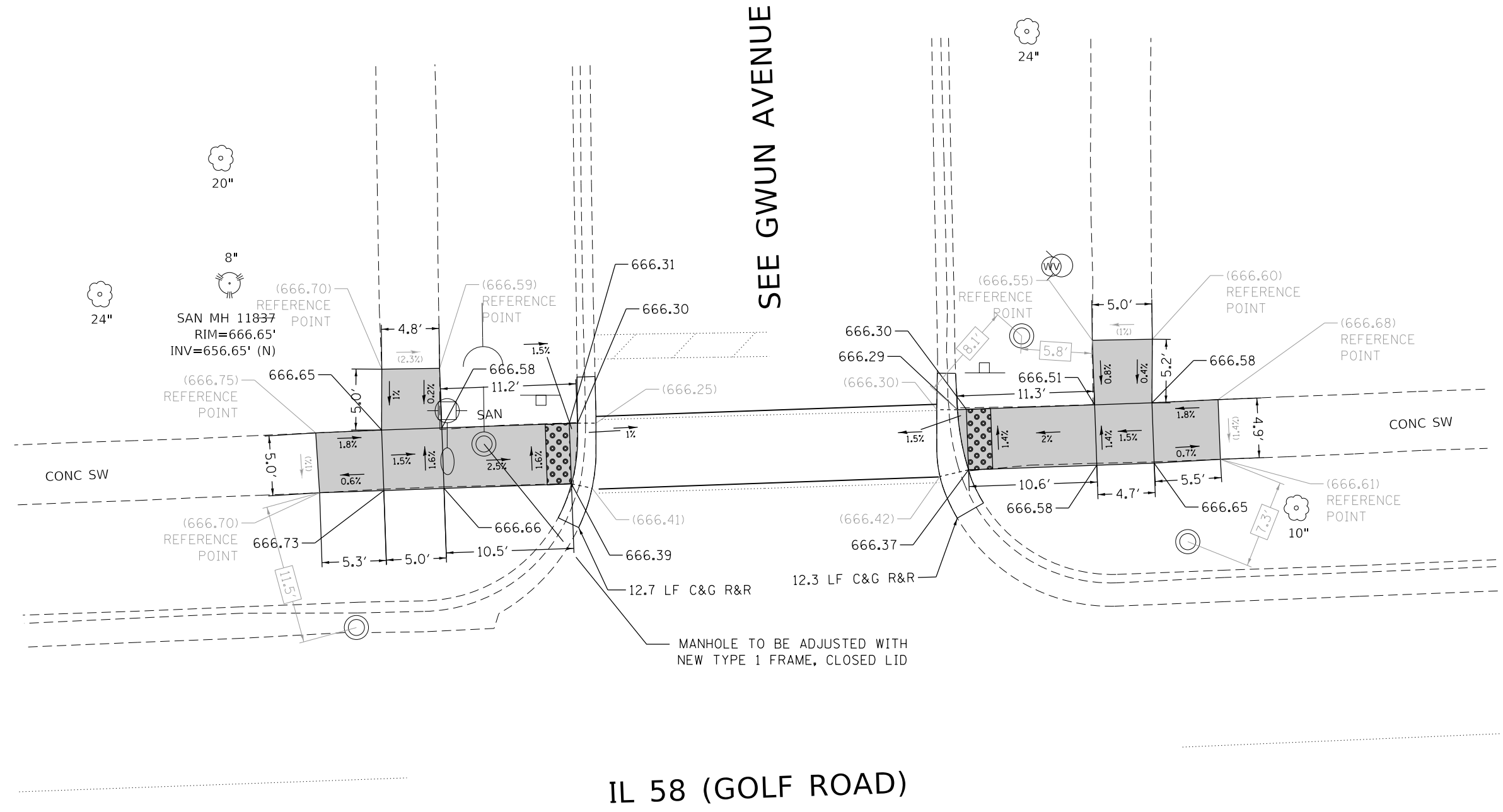
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	DRAWN -	REVISOR -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 3/14/2019	DATE -	REVISOR -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN			
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 27U
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



IL 58 (GOLF ROAD)

**LEGEND**

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

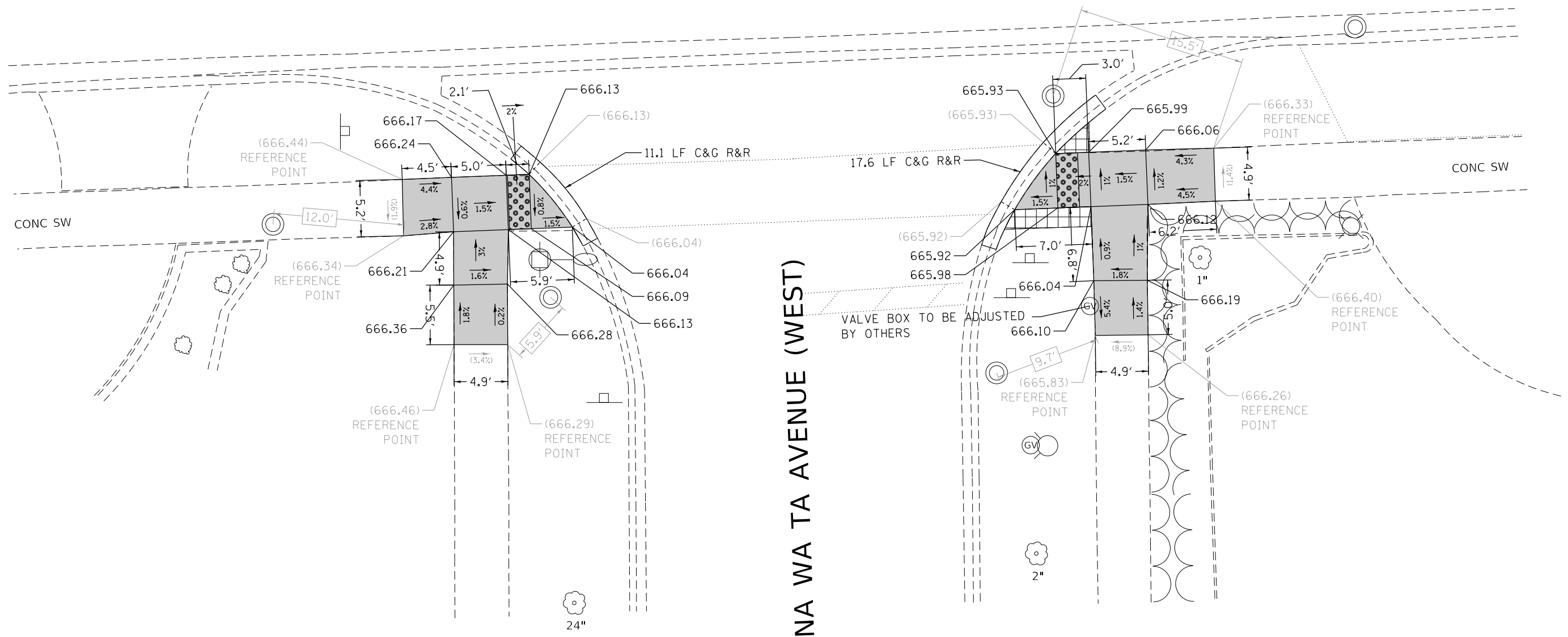
**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27V
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



# IL 58 (GOLF ROAD)



NA WA TA AVENUE (WEST)

## LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

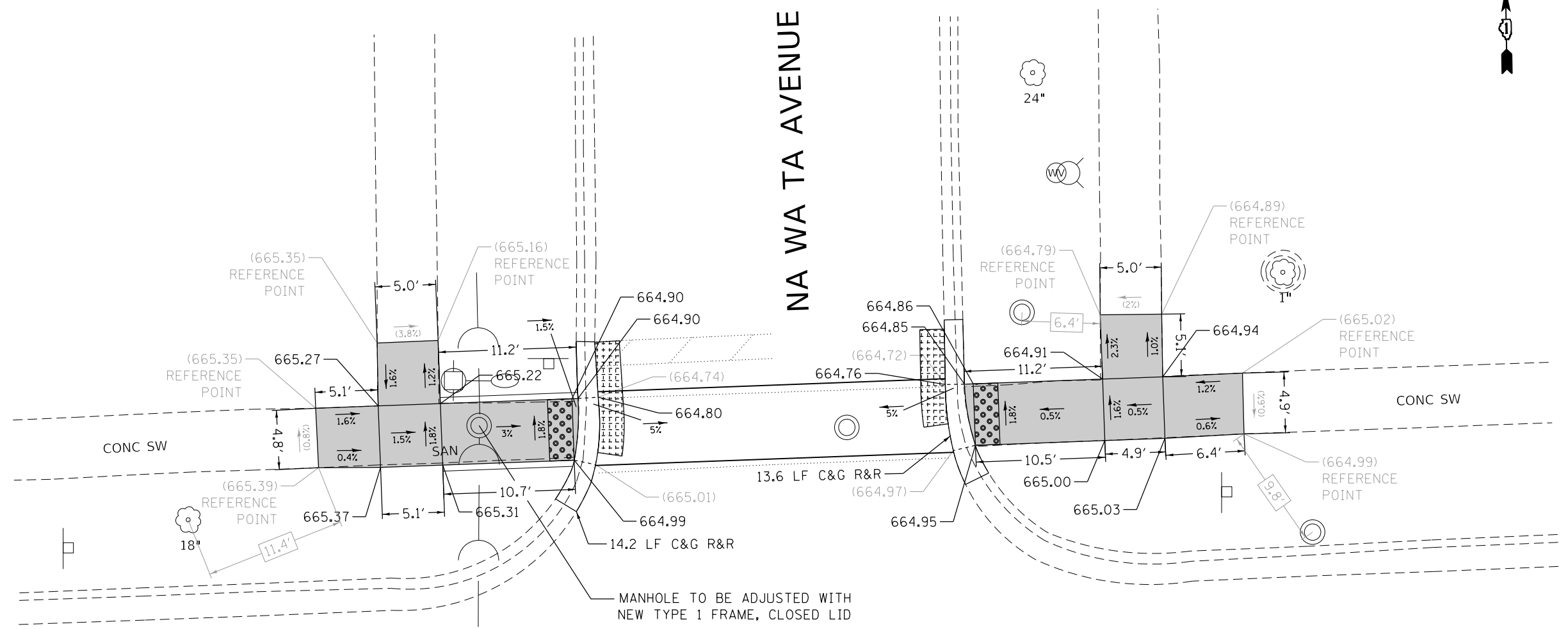
**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 27W
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

N

NA WA TA AVENUE (EAST)



IL 58 (GOLF ROAD)

**LEGEND**

xx.xx' EXISTING LENGTH

( ) EXISTING ELEVATION/SLOPE

■ PROPOSED SIDEWALK

══ PROPOSED SIDE CURB

SC TOP OF PROPOSED SIDE CURB

▤ CLASS D PATCH

▥ DETECTABLE WARNINGS

▧ SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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 PLOT DATE: 3/14/2019

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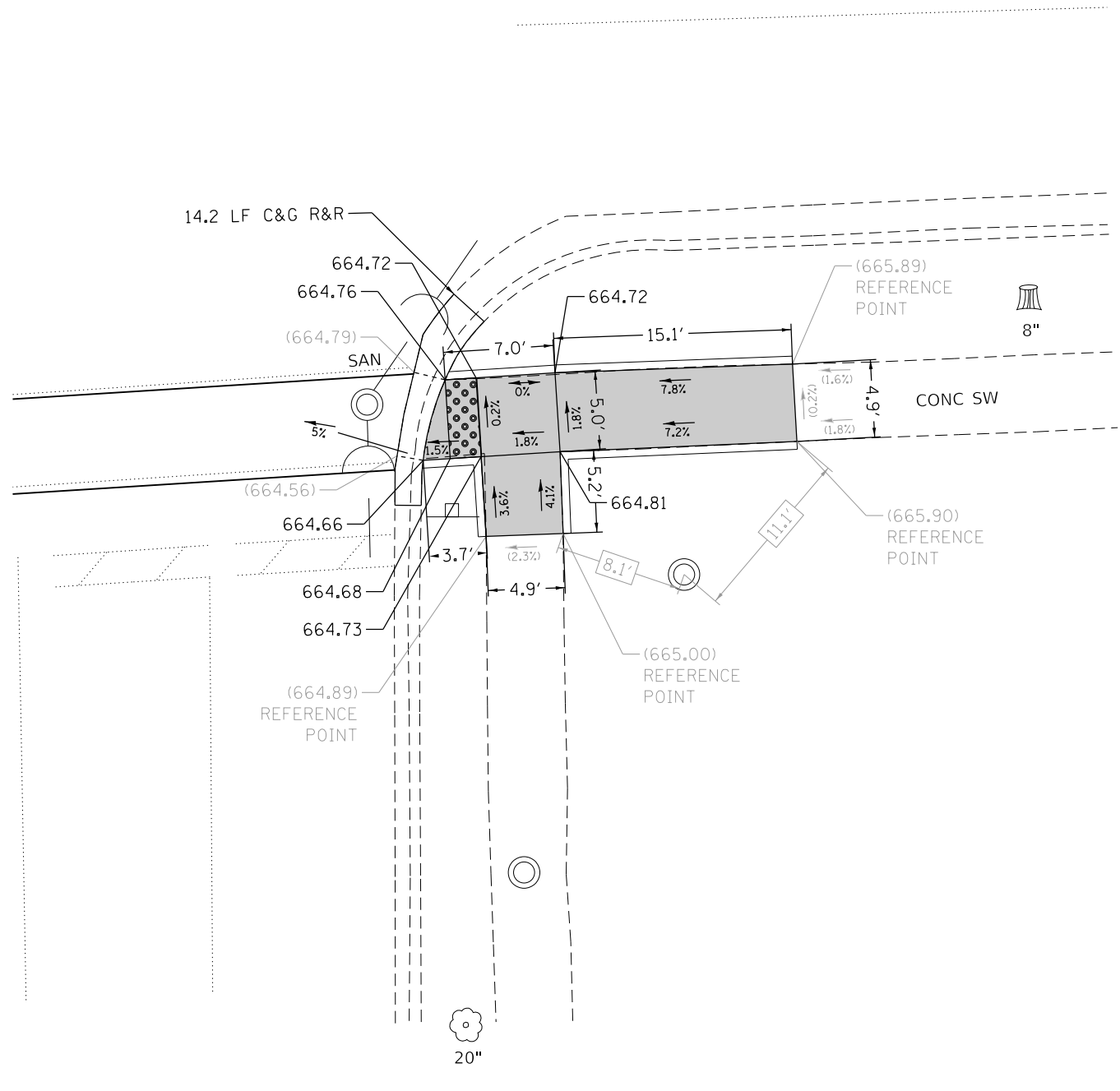
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK DETAIL PLAN</b>			
<b>58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27X
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

# IL 58 (GOLF ROAD)

LINNEMAN ROAD



## LEGEND

- xx.xx' EXISTING LENGTH
- EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD



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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

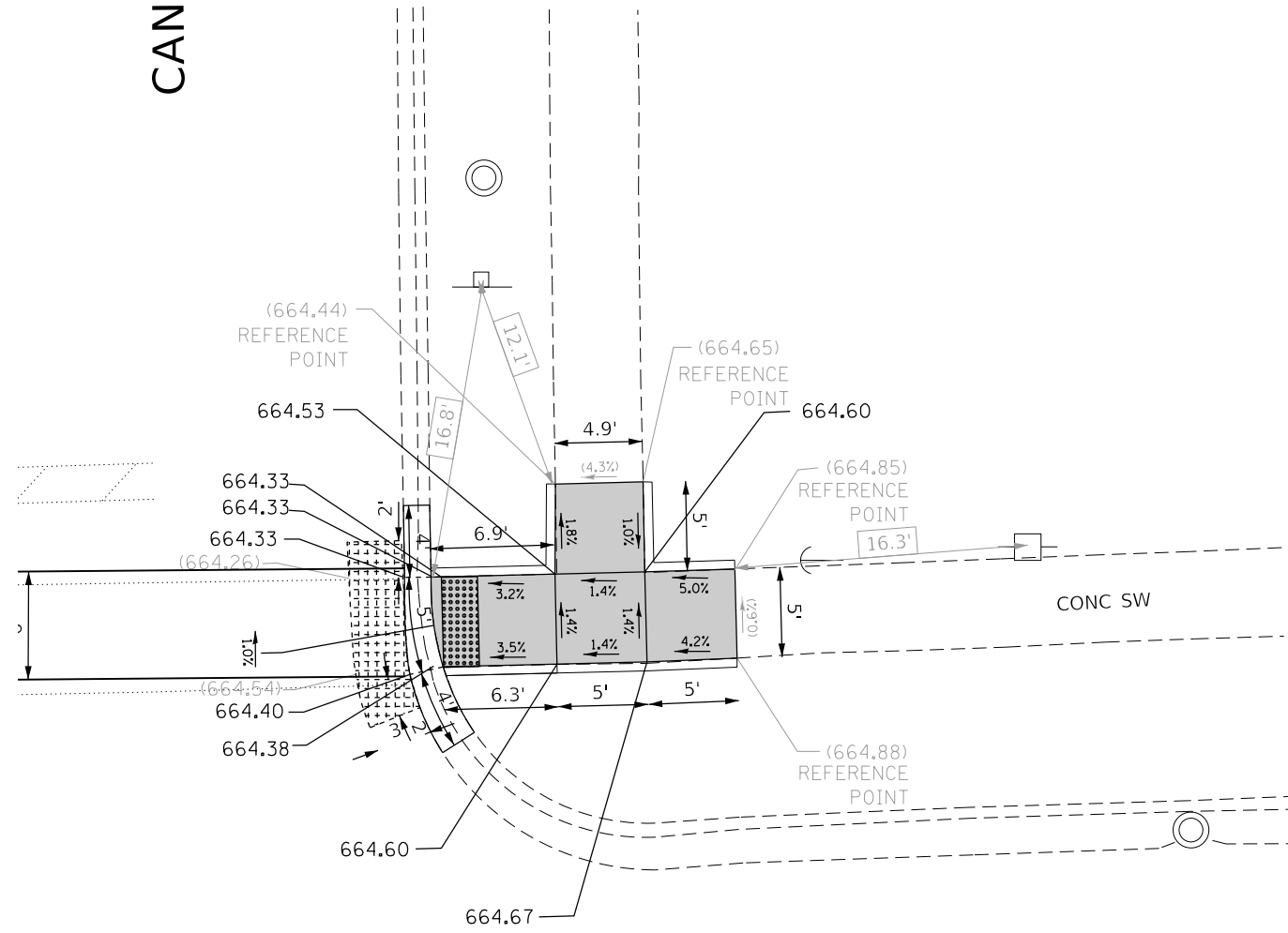
<b>SIDEWALK DETAIL PLAN</b>	
<b>58 (GOLF RD.) - (W/O MEJER RD. TO BROADWAY ST.)</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27Y
CONTRACT NO. 62H12				
<small>ILLINOIS FED. AID PROJECT</small>				





CANDOTA AVENUE



**LEGEND**



EXISTING LENGTH



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



PROPOSED SIDE CURB

SC

TOP OF PROPOSED SIDE CURB



CLASS D PATCH



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

MODEL: Default  
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PLOT DATE = 3/14/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	27Z
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

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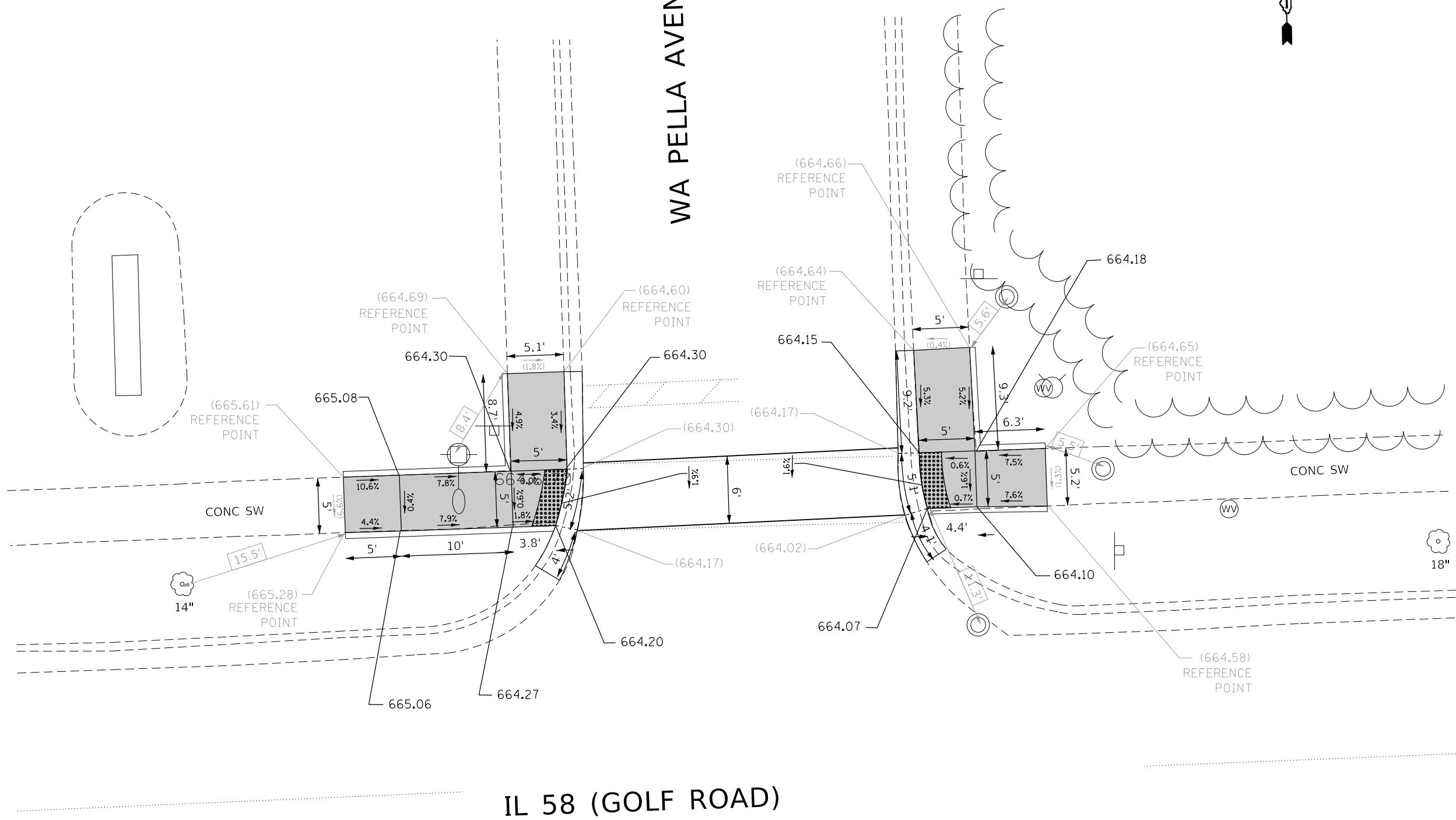
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																
339	2018-078-R5	COOK	56	28																
CONTRACT NO. 62H12																				
				SCALE:	SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT														



WA PELLA AVENUE



IL 58 (GOLF ROAD)

**LEGEND**

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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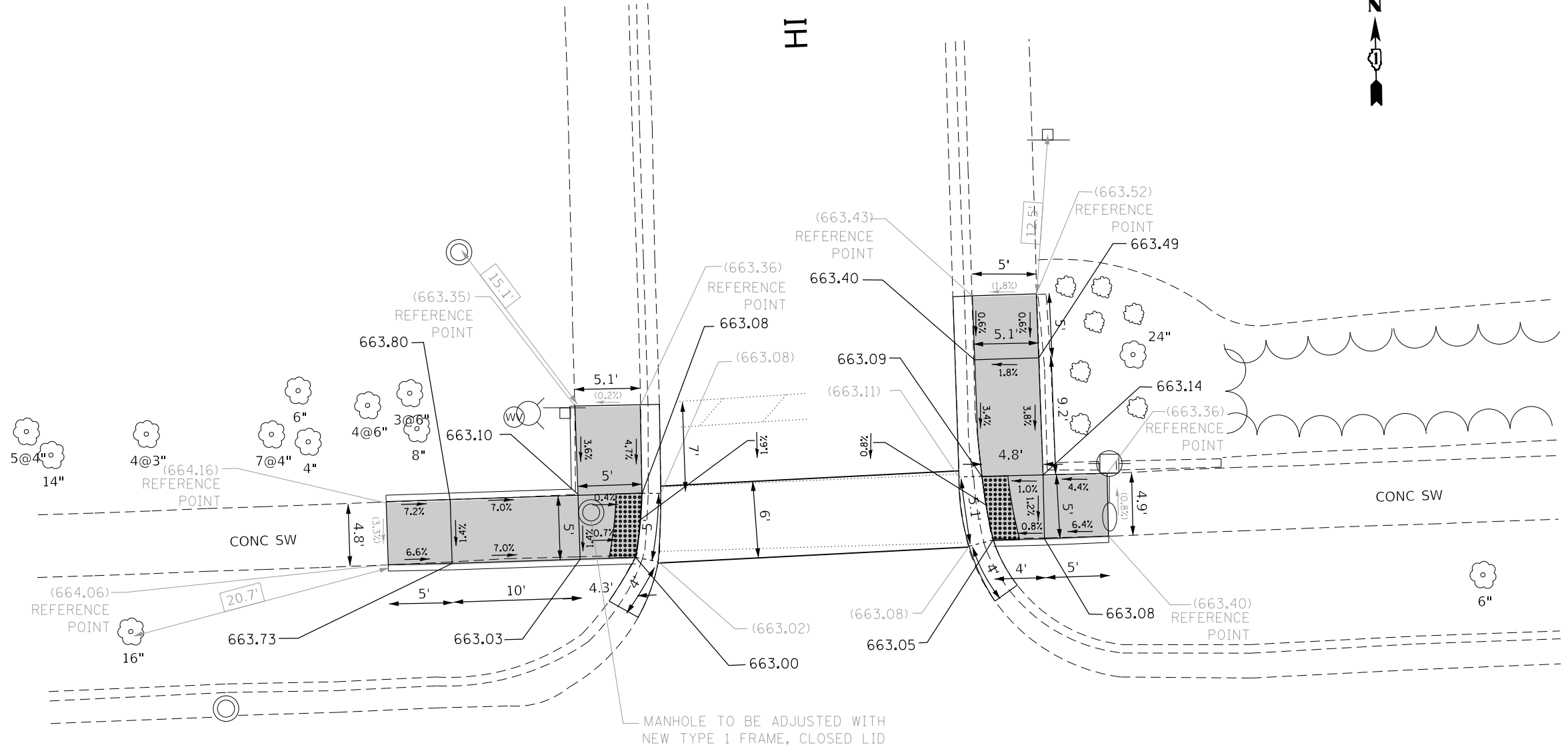
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PLOT DATE = 3/14/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK DETAIL PLAN</b>			
<b>58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28A
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

HI LUSI AVENUE



IL 58 (GOLF ROAD)

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**LEGEND**

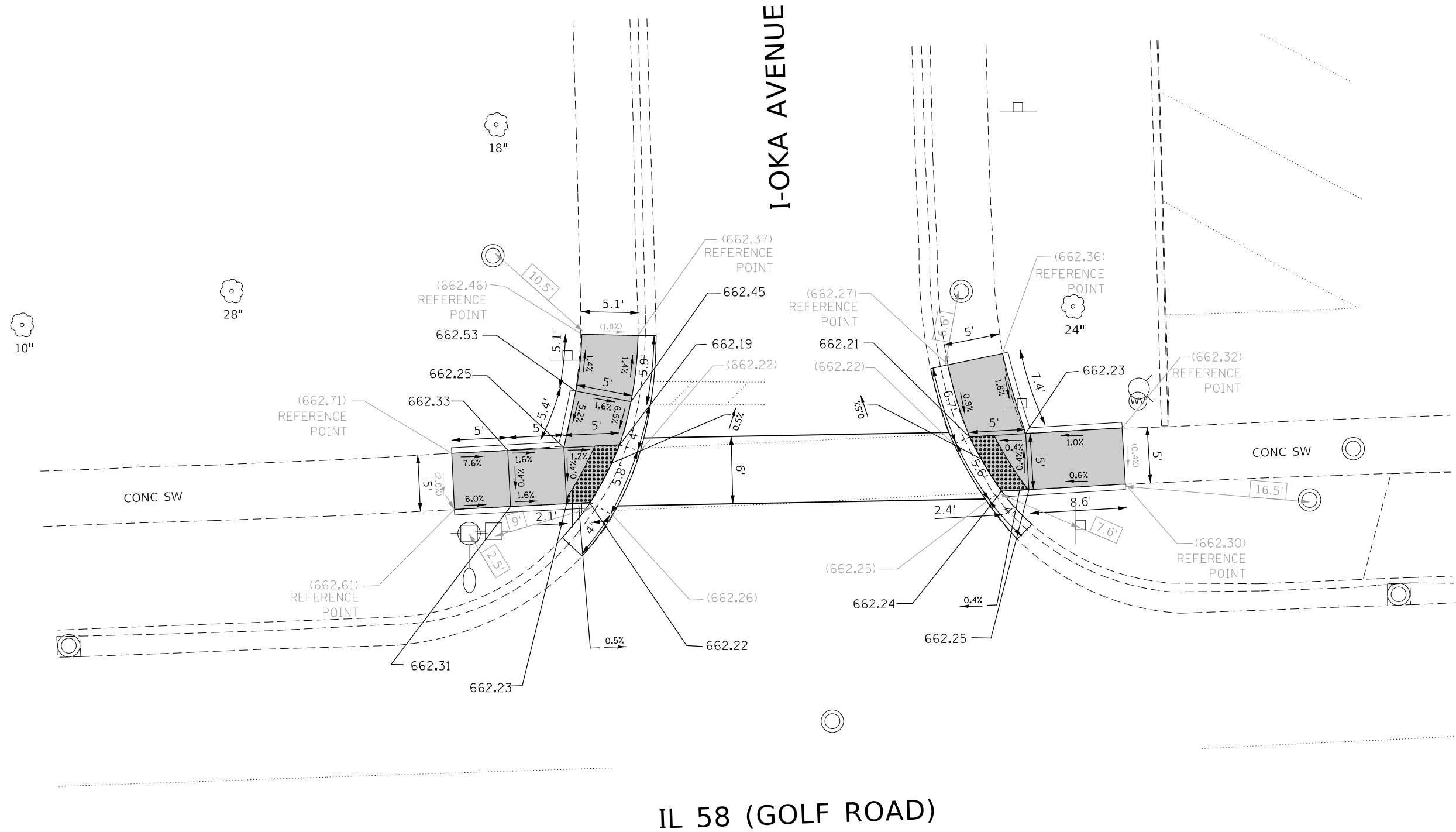
- xx.xx' EXISTING LENGTH
- EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
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PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAIL PLAN			
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28B
CONTRACT NO. 62H12				
		ILLINOIS	FED. AID PROJECT	



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### LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

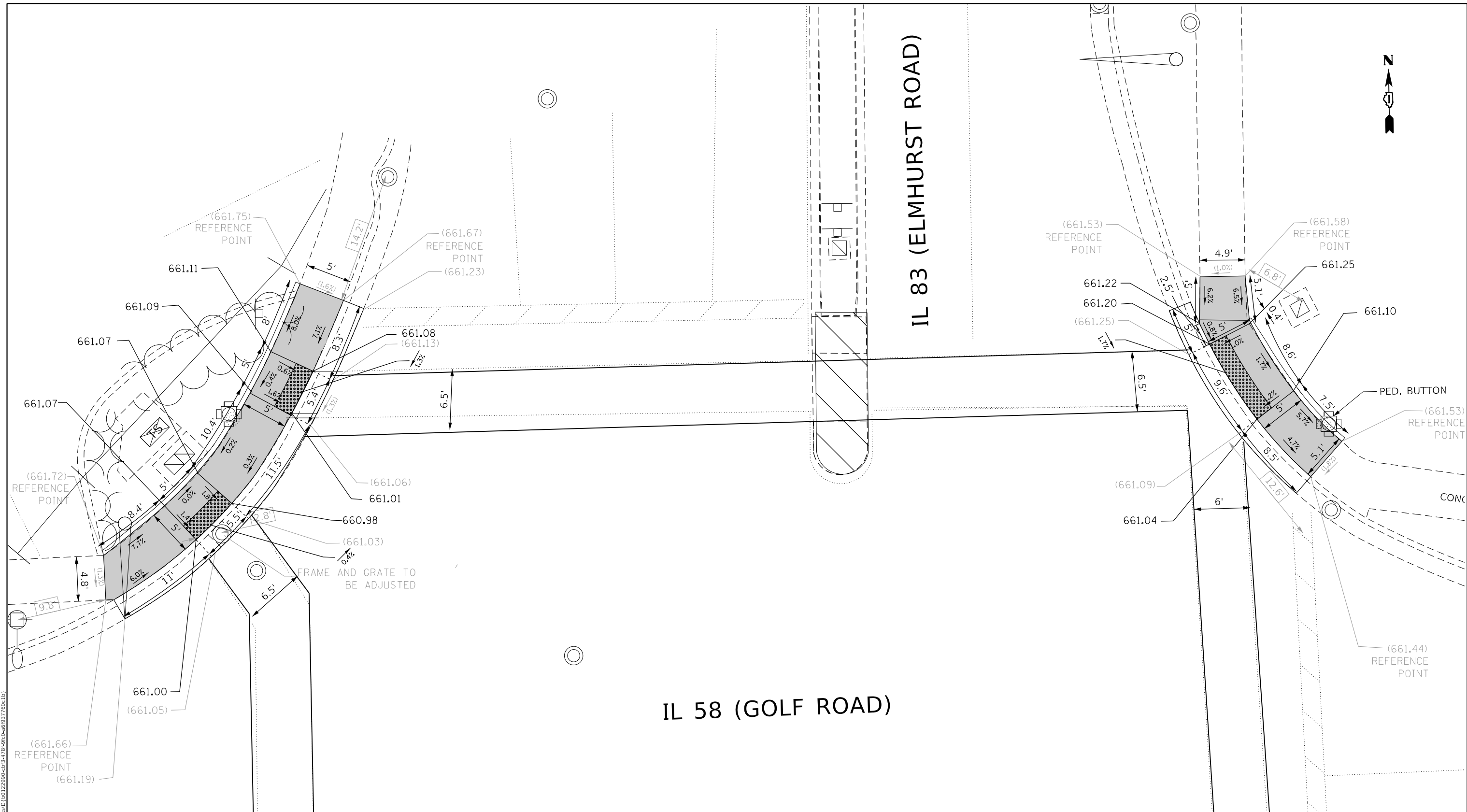
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SC TOP OF PROPOSED SIDE CURB
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAIL PLAN			
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28C
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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PLOT DATE = 3/14/2019	DATE -	REVISED -

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

**SIDEWALK DETAIL PLAN**  
**58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

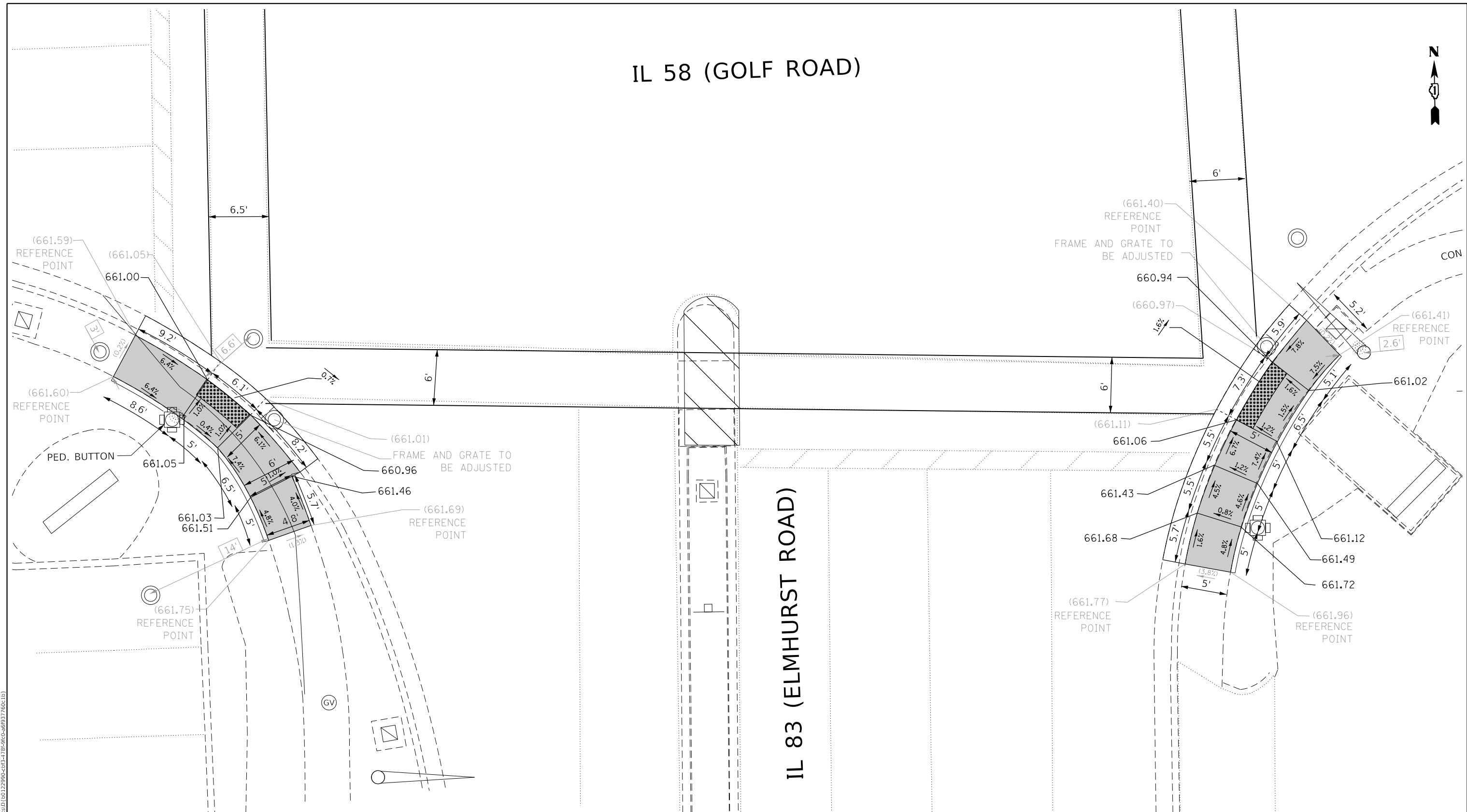
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28D
CONTRACT NO. 62H12				
ILLINOIS		FED. AID PROJECT		

# IL 58 (GOLF ROAD)



# IL 83 (ELMHURST ROAD)



## LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

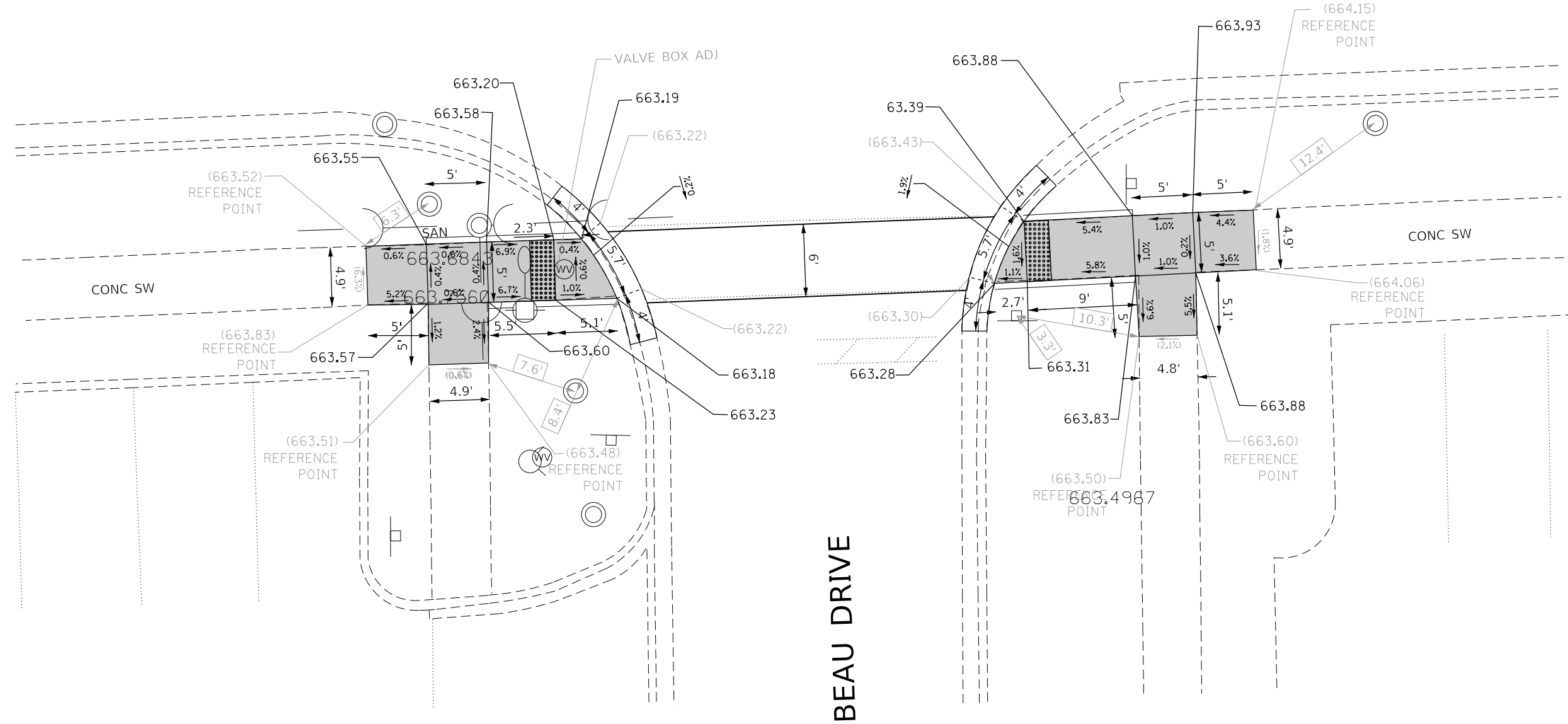
**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28E
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



# IL 58 (GOLF ROAD)



## LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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	DATE -	REVISED -

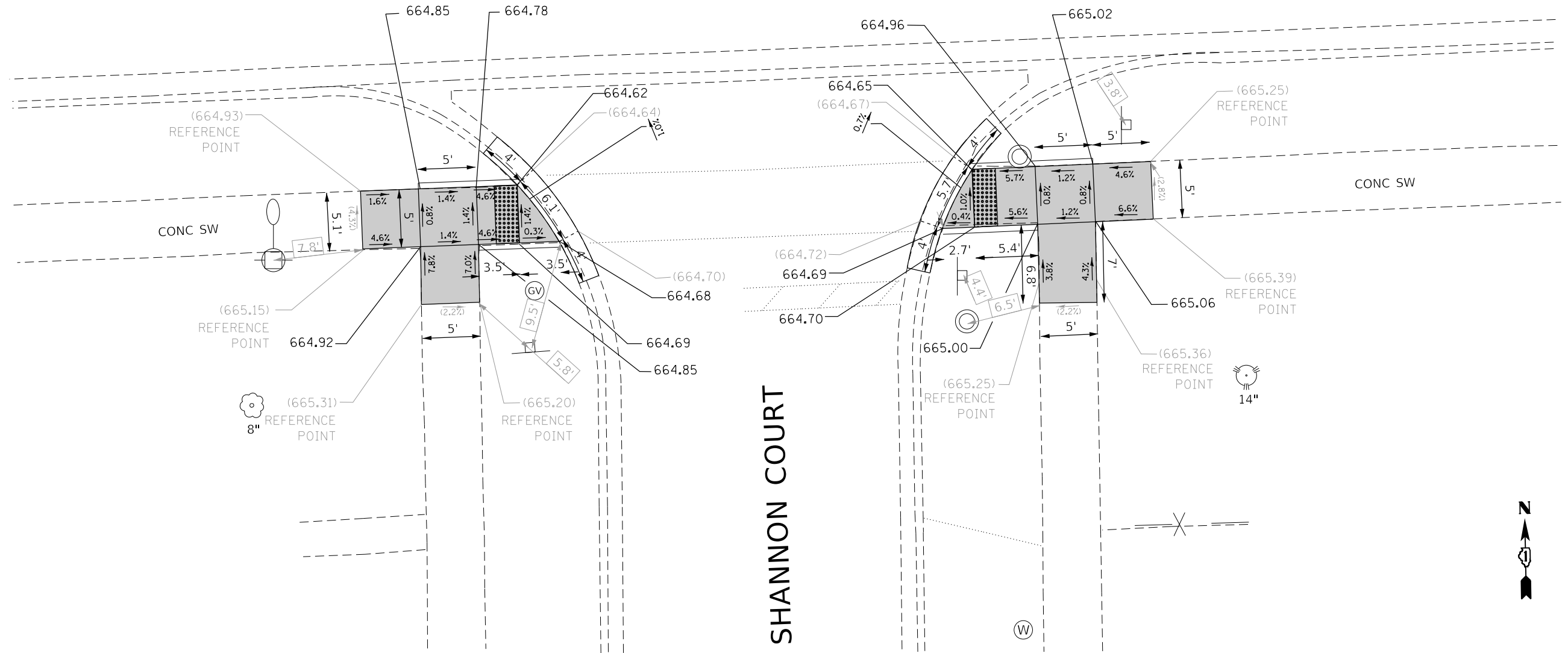
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK DETAIL PLAN</b>			
<b>58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 28F
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



# IL 58 (GOLF ROAD)



## LEGEND

xx.xx'

EXISTING LENGTH

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



PROPOSED SIDE CURB

SC

TOP OF PROPOSED SIDE CURB



CLASS D PATCH



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

MODEL: Default  
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PROJECT: ...  
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DATE: ...

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

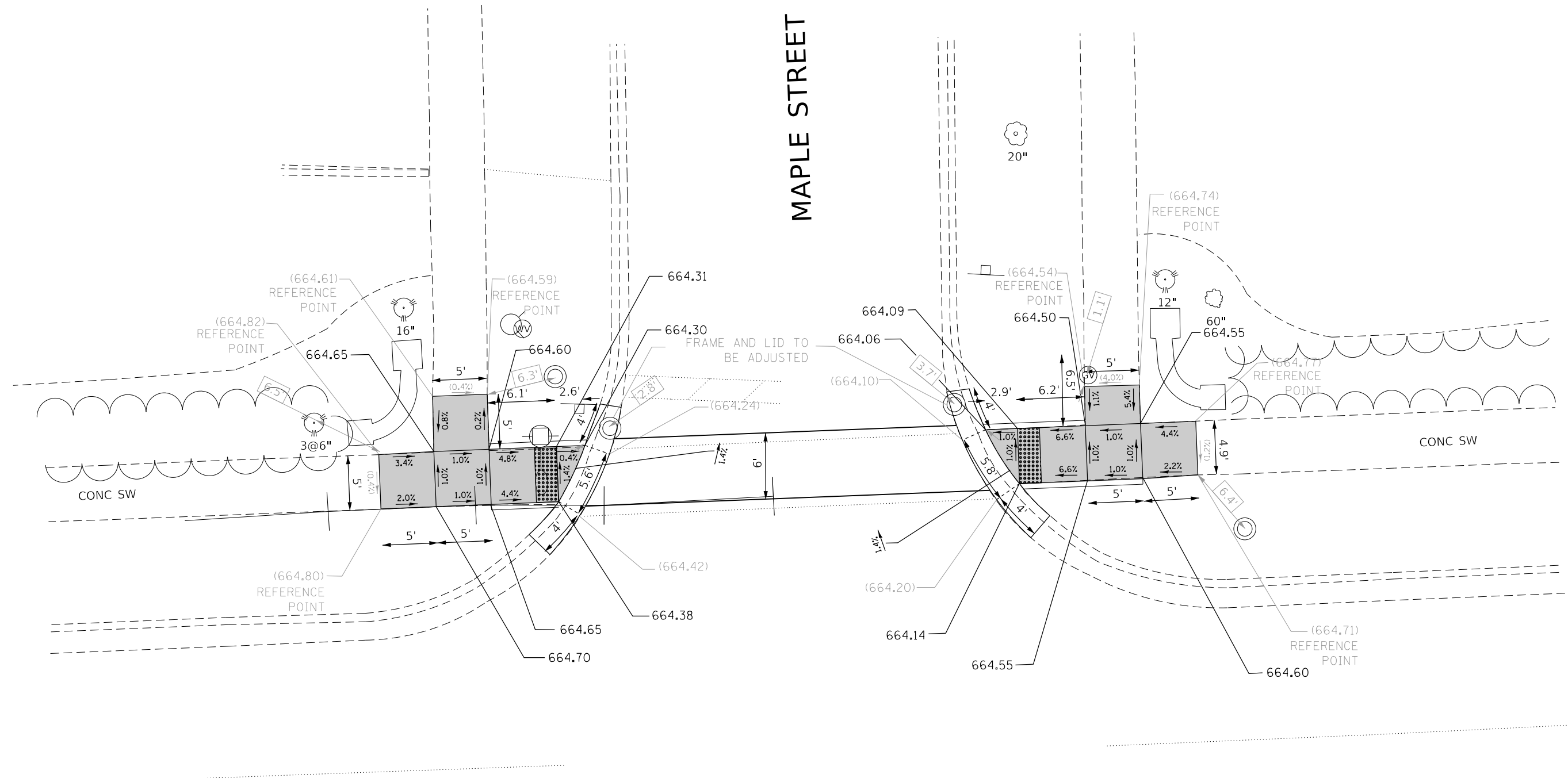
**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28G
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



MAPLE STREET



IL 58 (GOLF ROAD)

**LEGEND**

xx.xx'

EXISTING LENGTH

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



PROPOSED SIDE CURB

SC

TOP OF PROPOSED SIDE CURB



CLASS D PATCH



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

MODEL: Default  
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	DATE -	REVISD -

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CHECKED -	REVISD -
DATE -	REVISD -

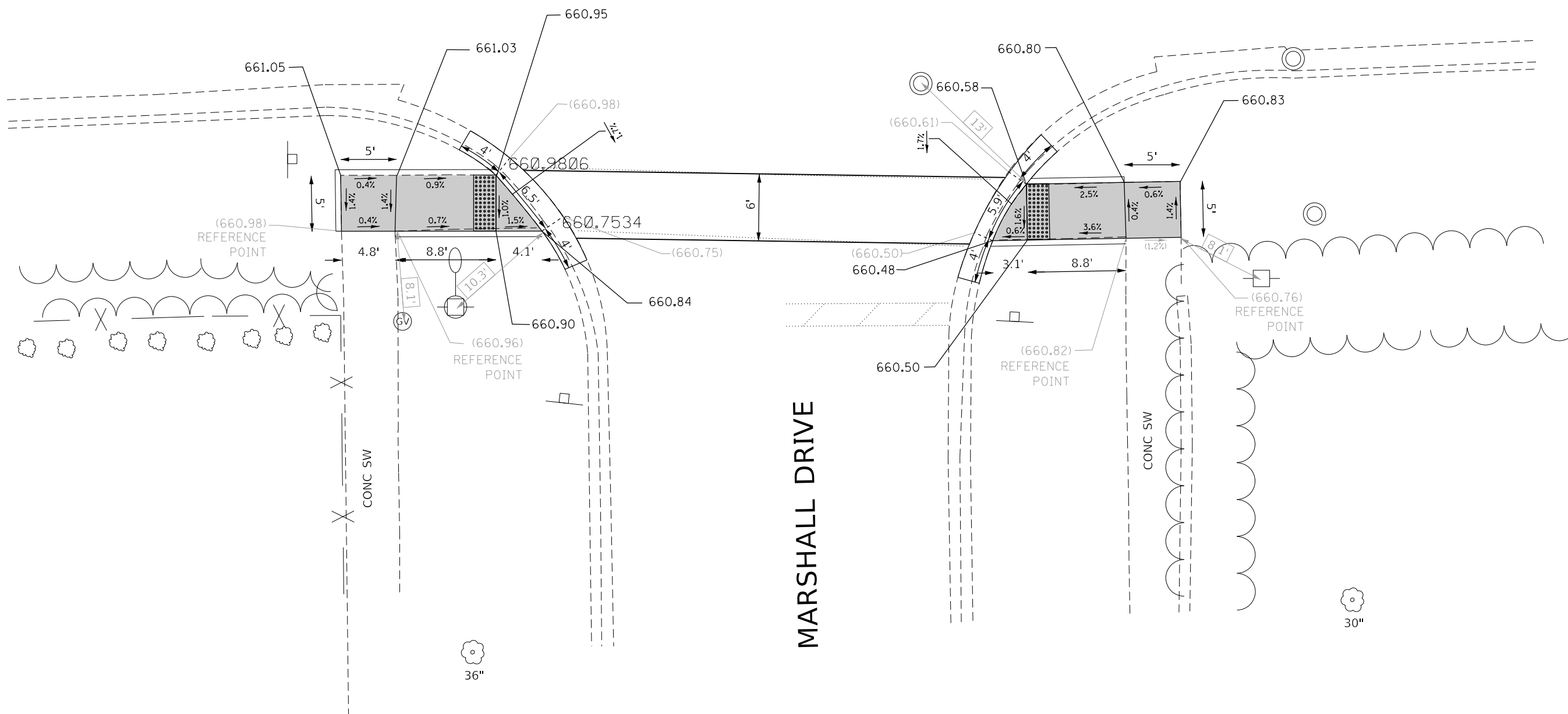
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28H
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

# IL 58 (GOLF ROAD)



## LEGEND

xx.xx'

EXISTING LENGTH

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



PROPOSED SIDE CURB

SC

TOP OF PROPOSED SIDE CURB



CLASS D PATCH



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

MODEL: Default  
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	DATE -	REVISED -

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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

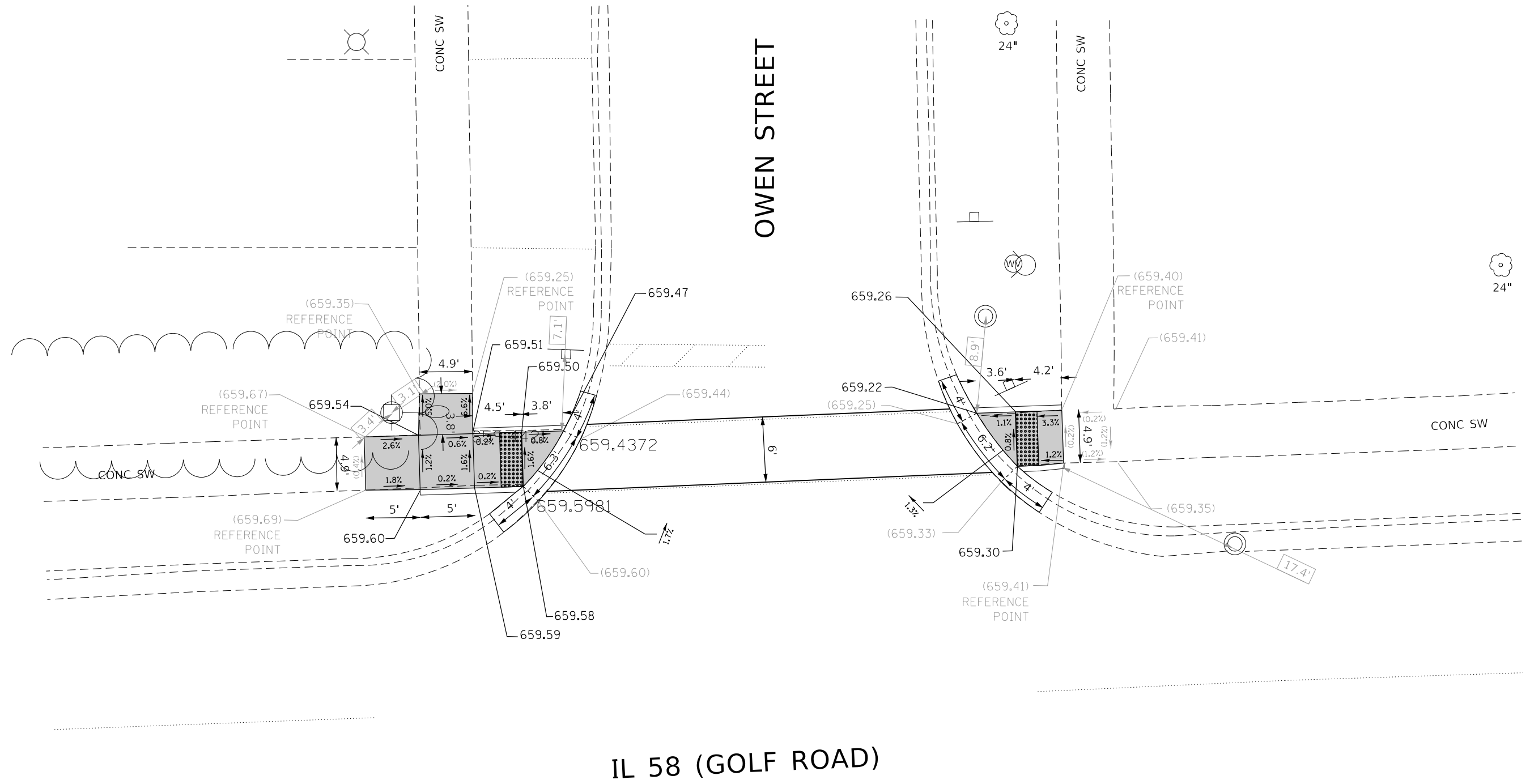
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 281
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				





IL 58 (GOLF ROAD)

**LEGEND**

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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	DATE -	REVISED -

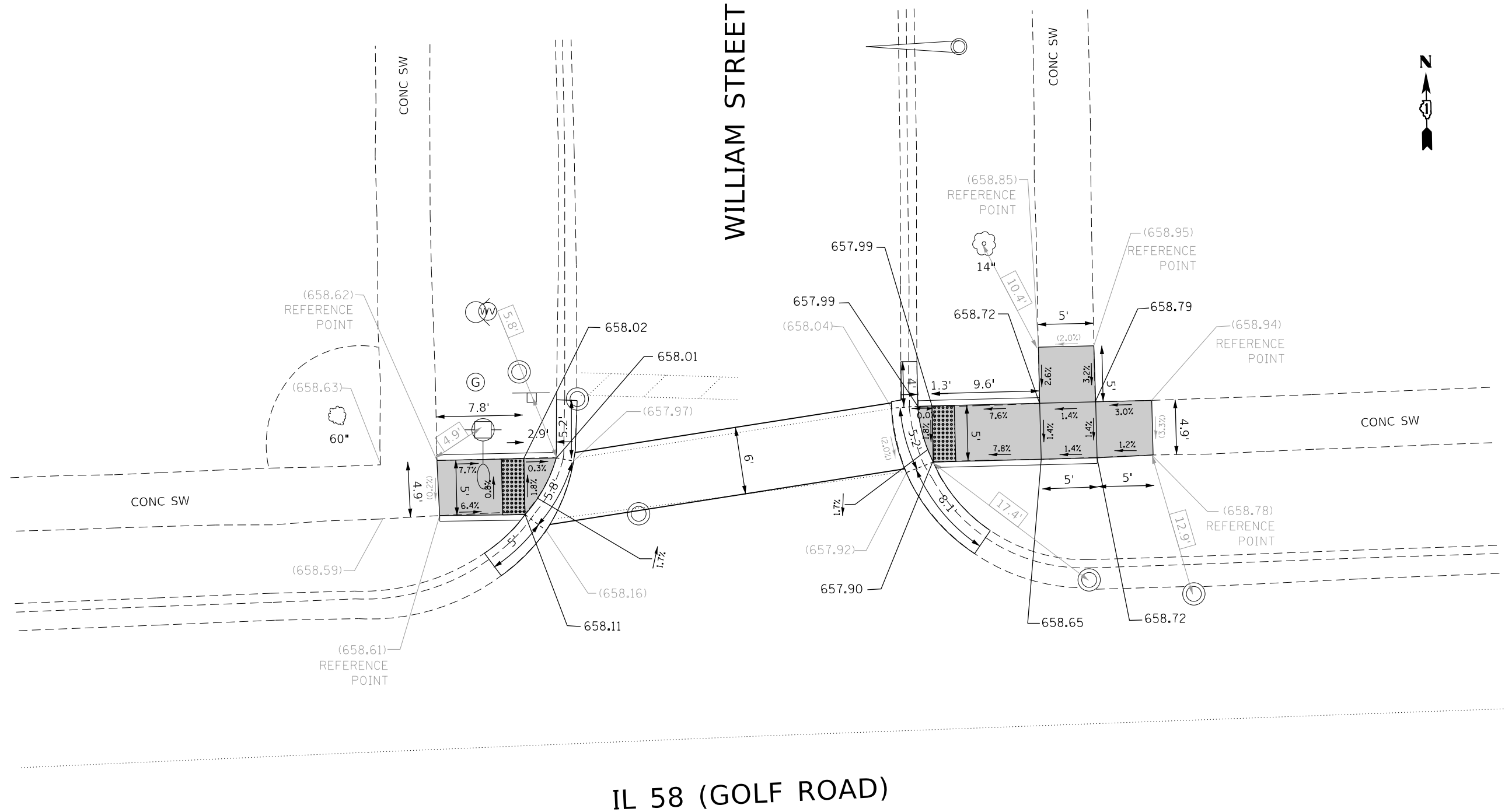
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

WILLIAM STREET



**LEGEND**



EXISTING LENGTH



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



PROPOSED SIDE CURB



SC  
TOP OF PROPOSED  
SIDE CURB



CLASS D PATCH



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

MODEL: Default  
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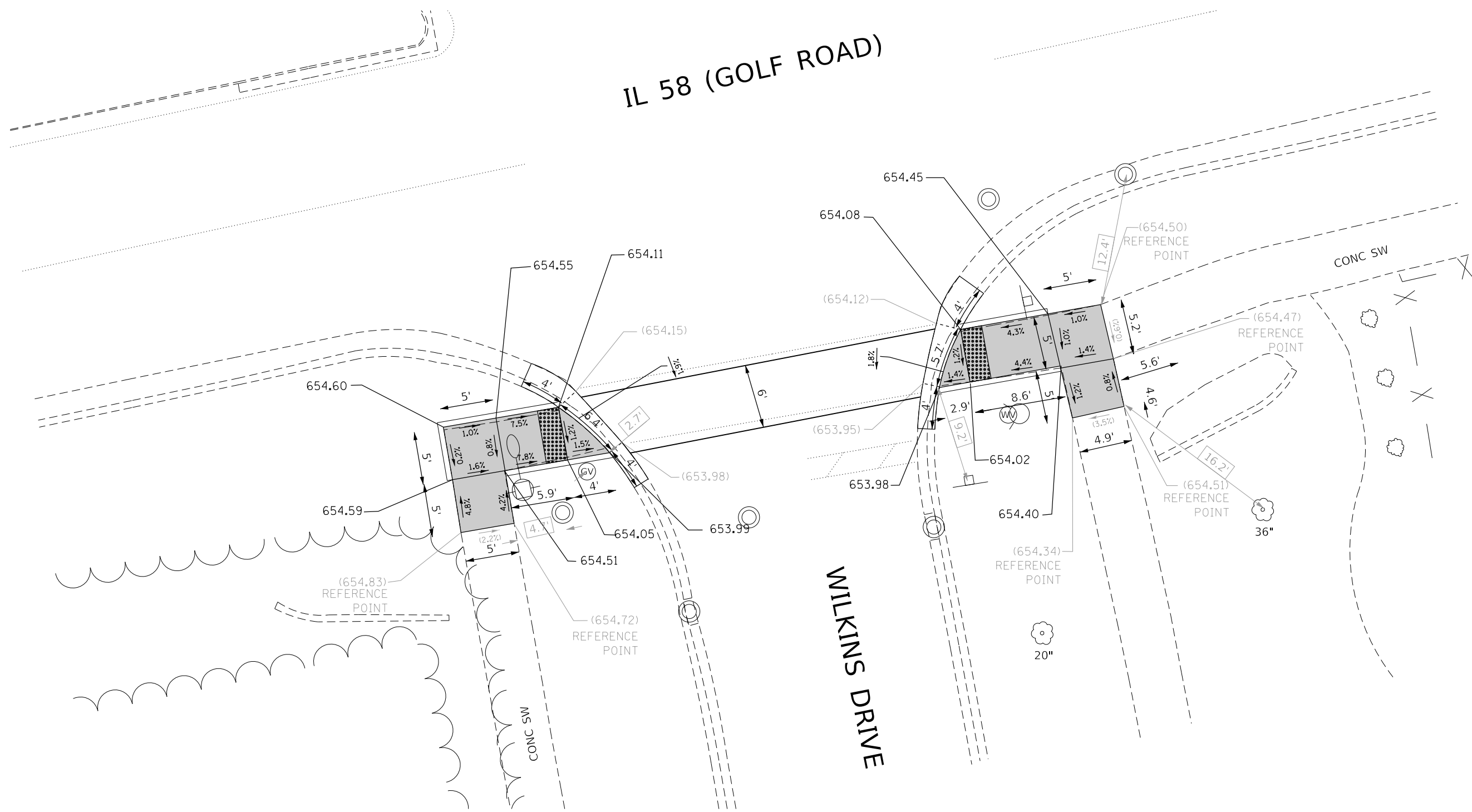
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DRAWN -	REVISIONS -	
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PLOT DATE = 3/14/2019	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN			
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28K
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

# IL 58 (GOLF ROAD)



## LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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PLOT DATE = 3/14/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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

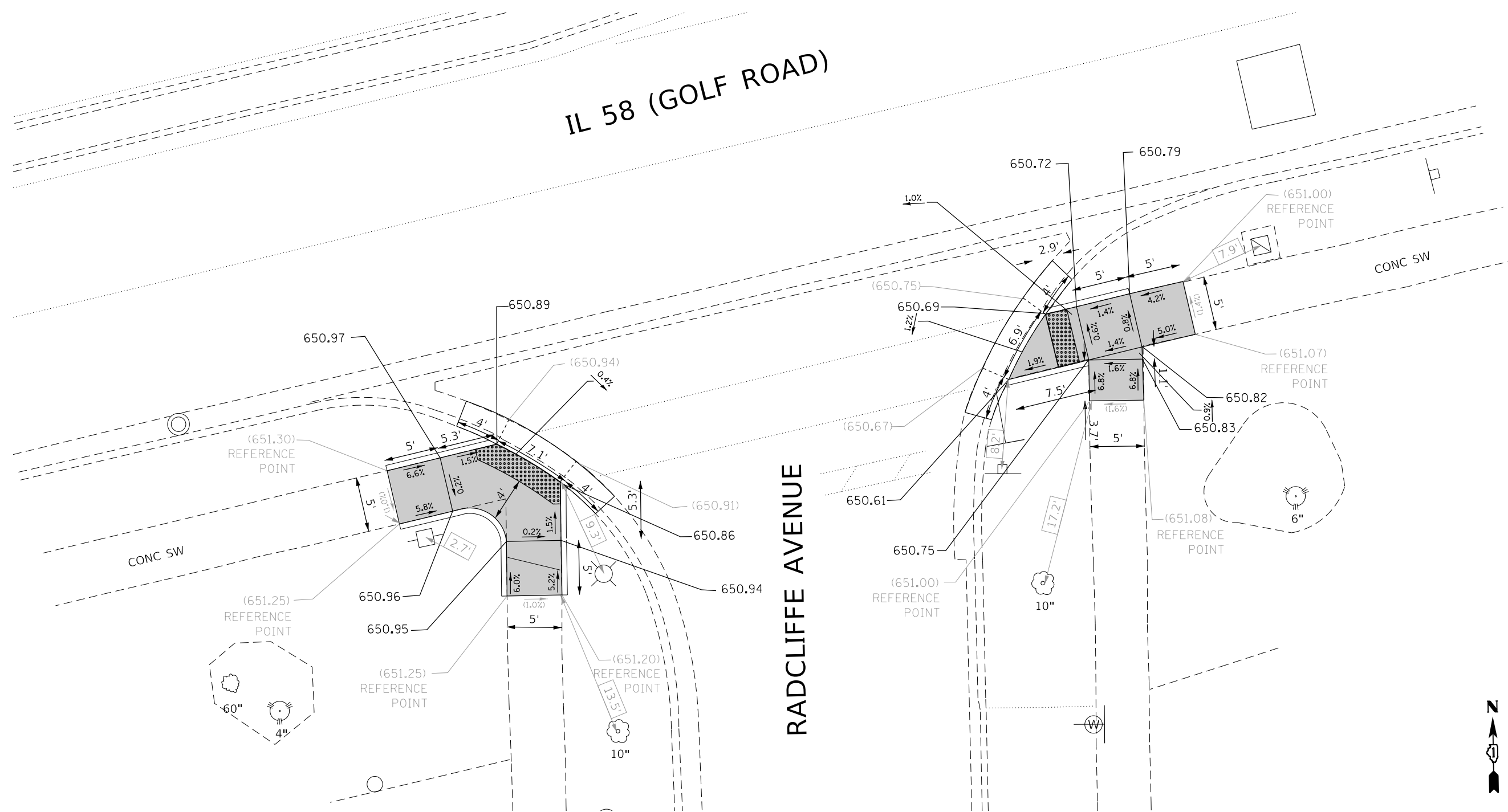
**SIDEWALK DETAIL PLAN**  
**58 (GOLF RD.) - (W/O MEJER RD. TO BROADWAY ST.)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28L
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

# IL 58 (GOLF ROAD)

## RADCLIFFE AVENUE



### LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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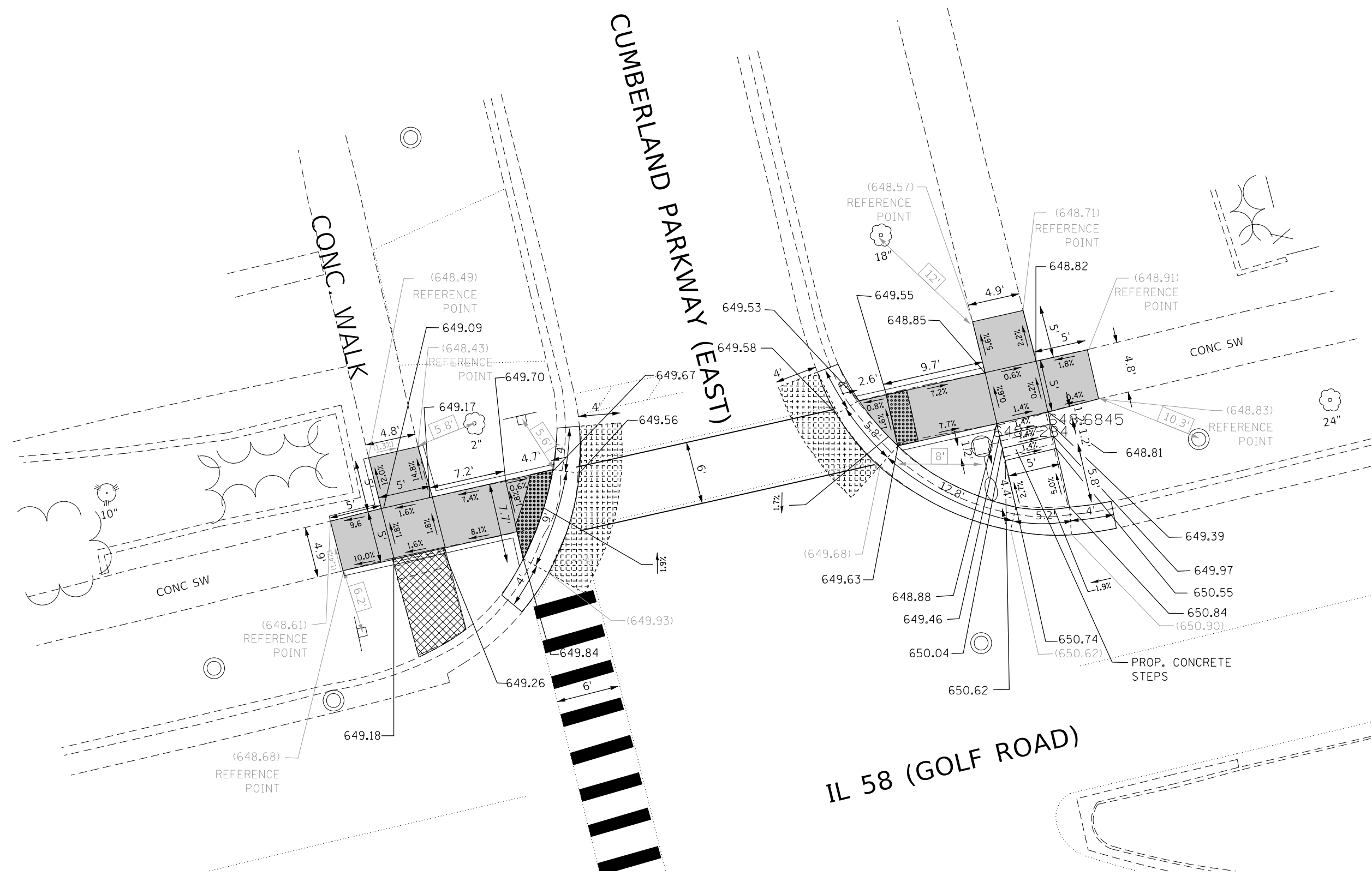
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PLOT DATE = 3/14/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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

**SIDEWALK DETAIL PLAN**  
**58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28M
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



### LEGEND

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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USER NAME = kalorm	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

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

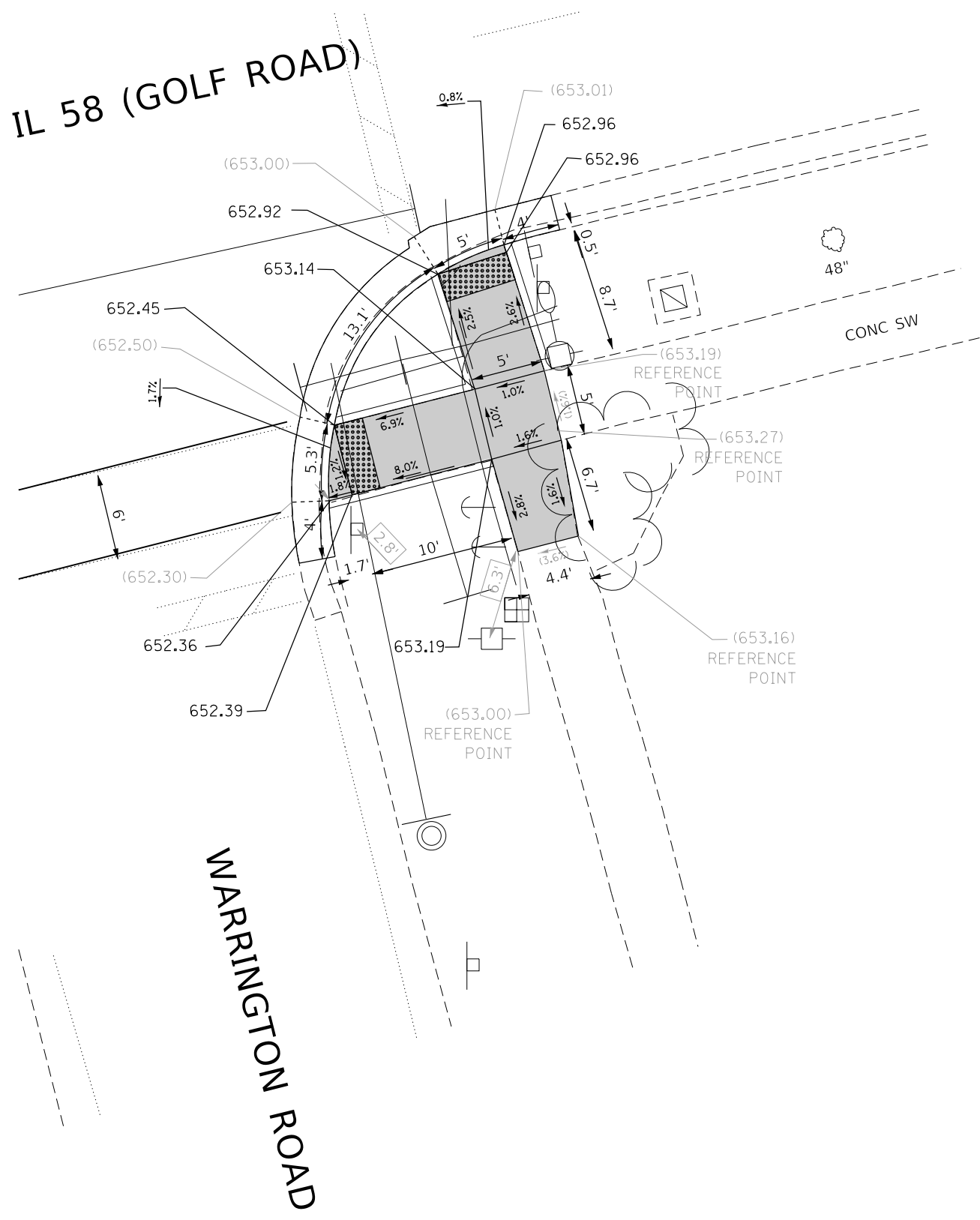
**SIDEWALK DETAIL PLAN**  
**58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

F.A.P. RTE. 339	SECTION 2018-078-R5	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 28N
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



IL 58 (GOLF ROAD)



**LEGEND**

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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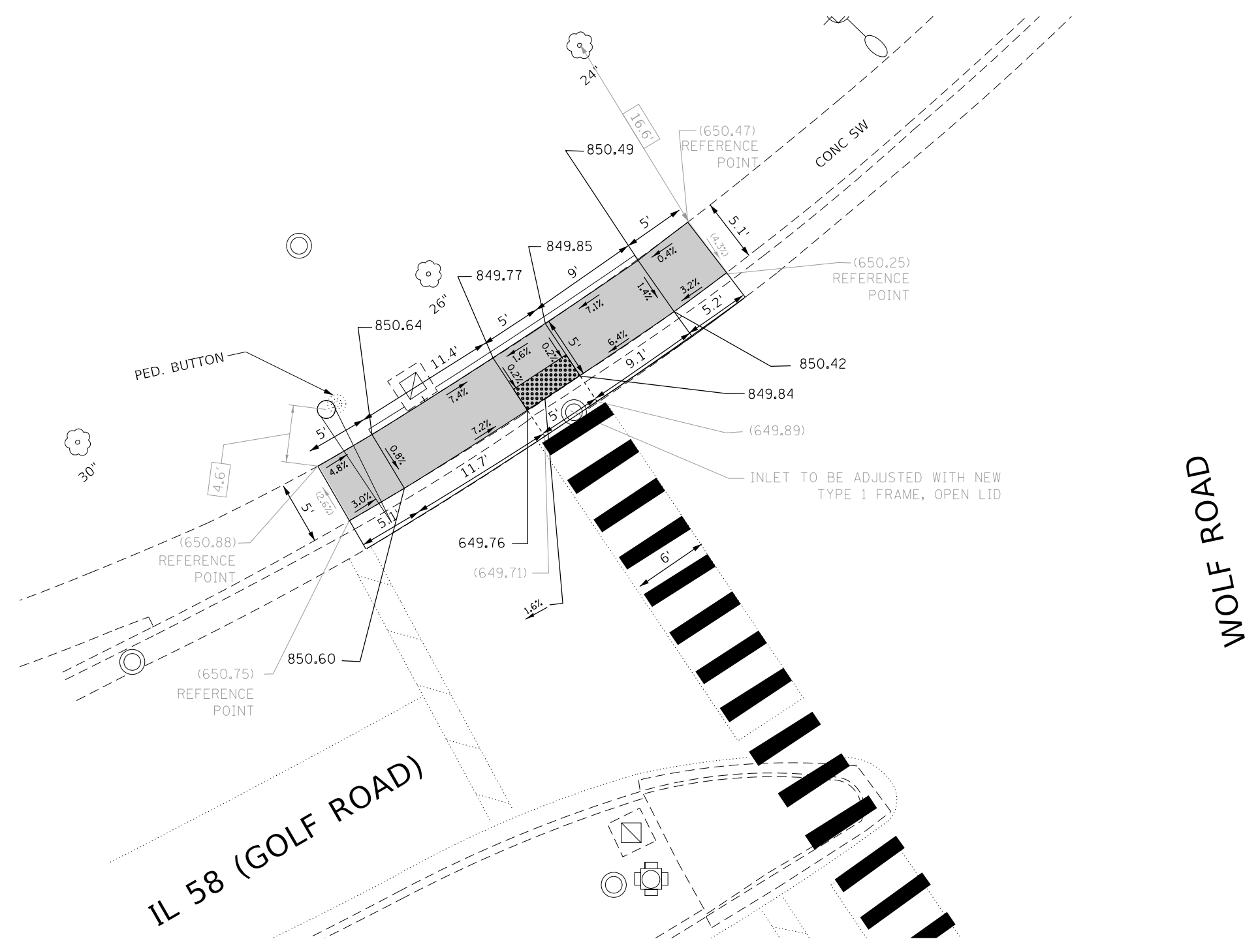
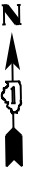
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

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

**SIDEWALK DETAIL PLAN**  
**58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	280
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- xx.xx' EXISTING LENGTH
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- SC TOP OF PROPOSED SIDE CURB
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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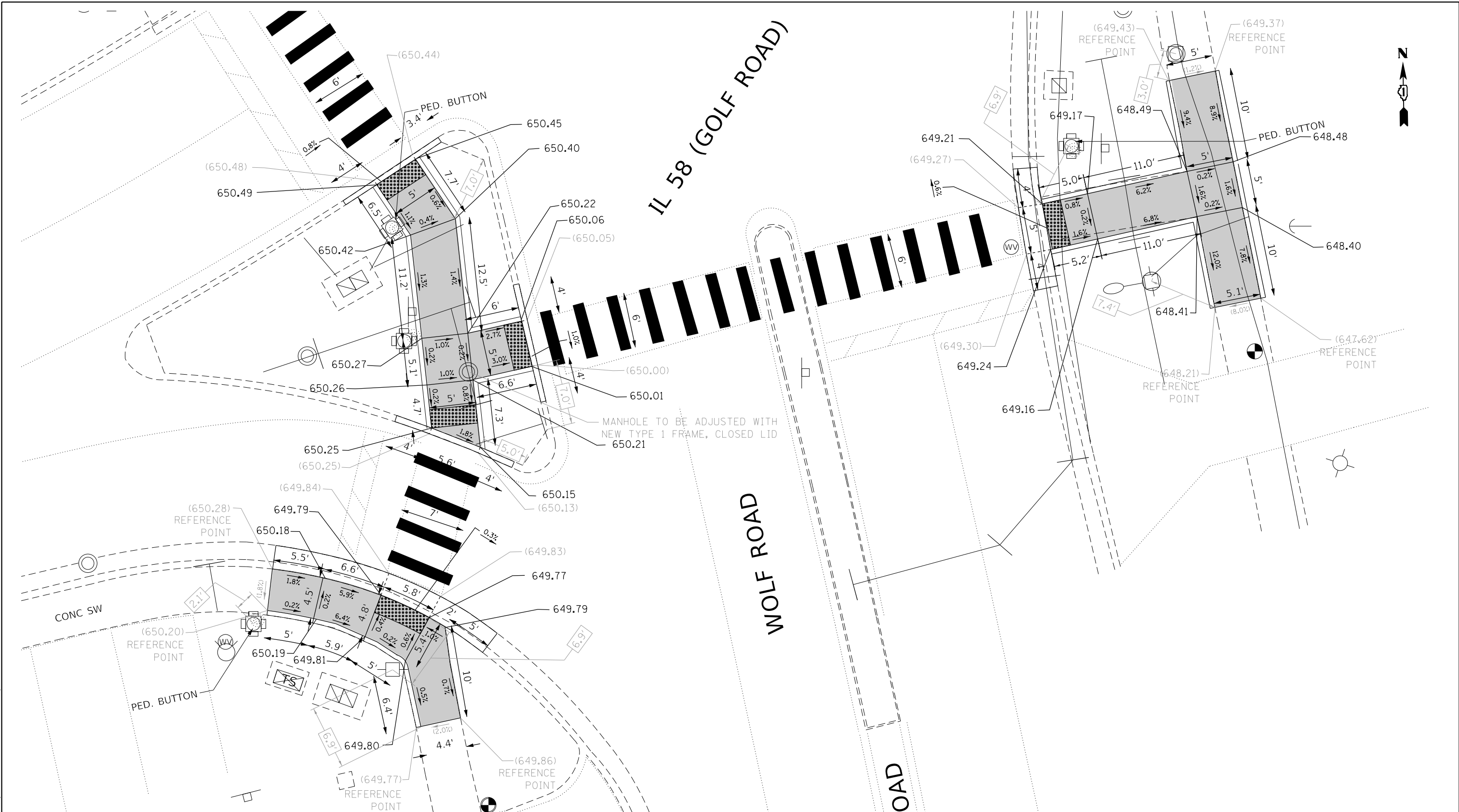
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

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

**SIDEWALK DETAIL PLAN**  
**58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28P
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING LENGTH
- EXISTING ELEVATION/SLOPE
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- SC TOP OF PROPOSED SIDE CURB

MODEL: Default  
 FILE: \\blm\c:\pub\baronm\dot\Documents\150122990-cfd-478-9f6-a6937760c-1b1

USER NAME = KALORM	DESIGNED -	REVISED - RK 03/15/2019
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAIL PLAN			
58 (GOLF RD.) - (W/O MEIJER RD. TO BROADWAY ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-R5	COOK	56	28Q
CONTRACT NO. 62H12				
ILLINOIS FED. AID PROJECT				

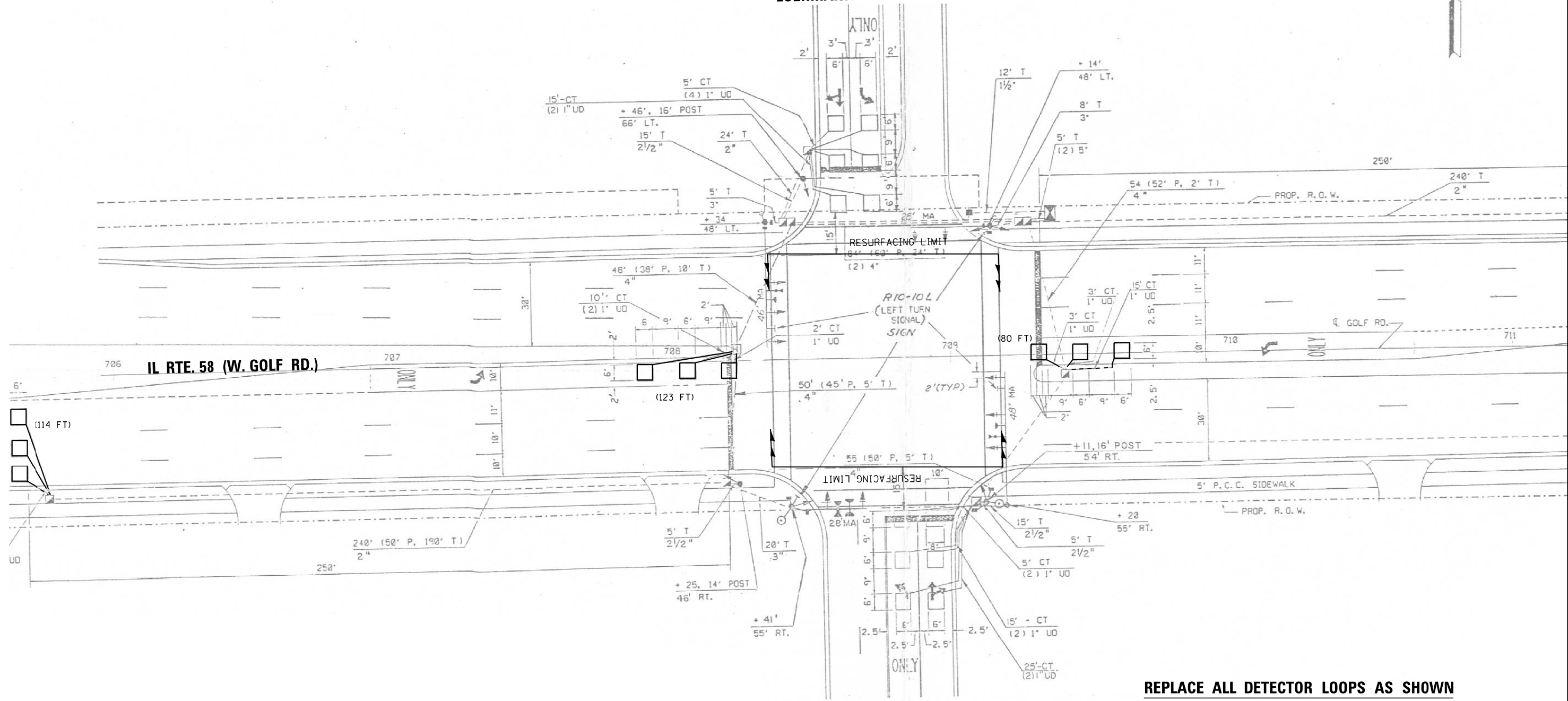


**NOTES:**

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.



**LOEHMANN PLAZA DRIVEWAY**



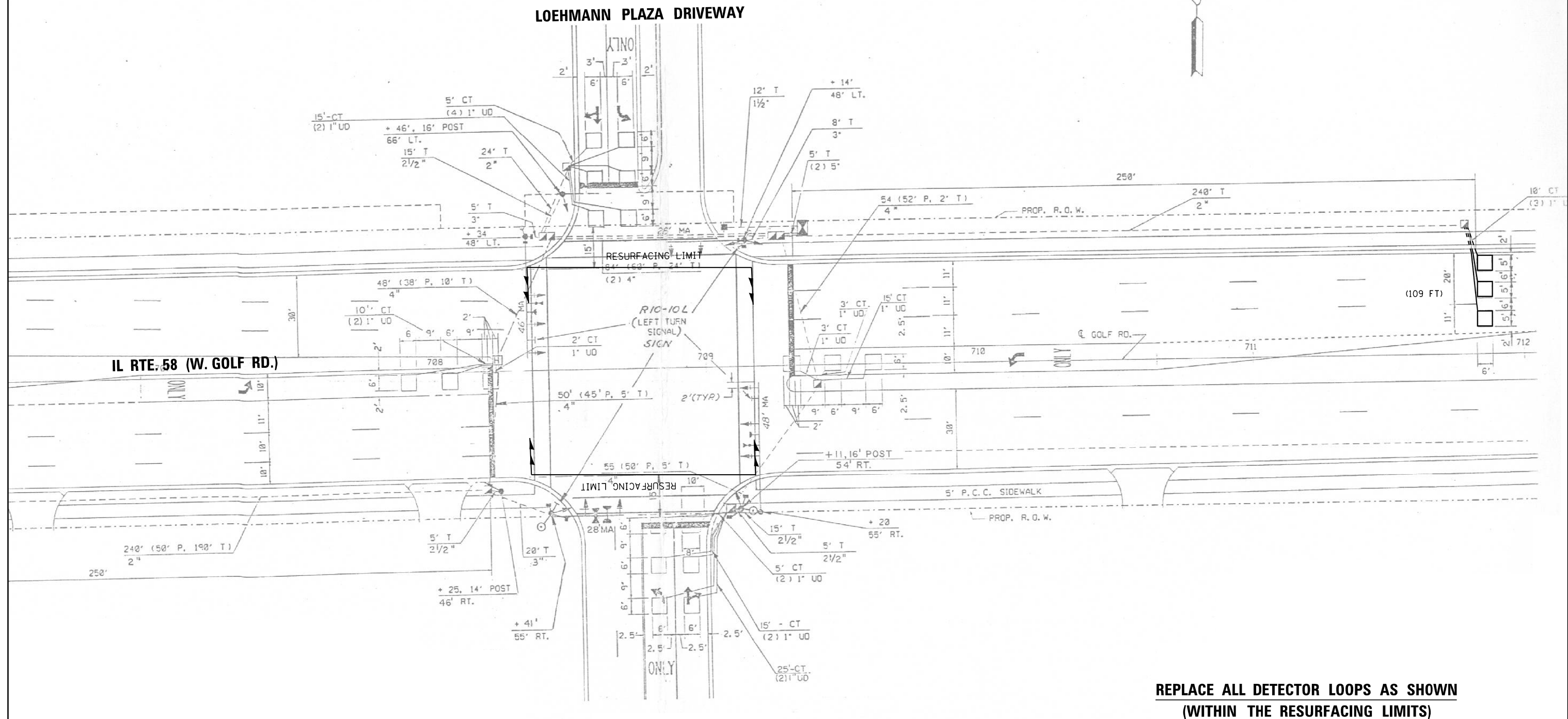
**REPLACE ALL DETECTOR LOOPS AS SHOWN  
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	317	FOOT

FILE NAME = 62H12 -IL 58 Golf Rd @ Loehmann Plaza	USER NAME = vargaso	DESIGNED - AV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN IL. RTE. 58 (W. GOLF RD.) AT LOEHMANN PLAZA DRIVEWAY</b>	F.A.P. RTE. 339	SECTION 2018-078-RS	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 30		
Default	PLLOT SCALE = 40.0147' / in.	CHECKED - LP	REVISED -			SCALE:	SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				
	PLLOT DATE = 12/11/2018	DATE - 12/10/2018	REVISED -									

**NOTES:**

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



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	109	FOOT

FILE NAME = 62HI2 -IL 58 Golf Rd @ Loehmann Plaza Driveway 2.dgn	USER NAME = vargese	DESIGNED - AV	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

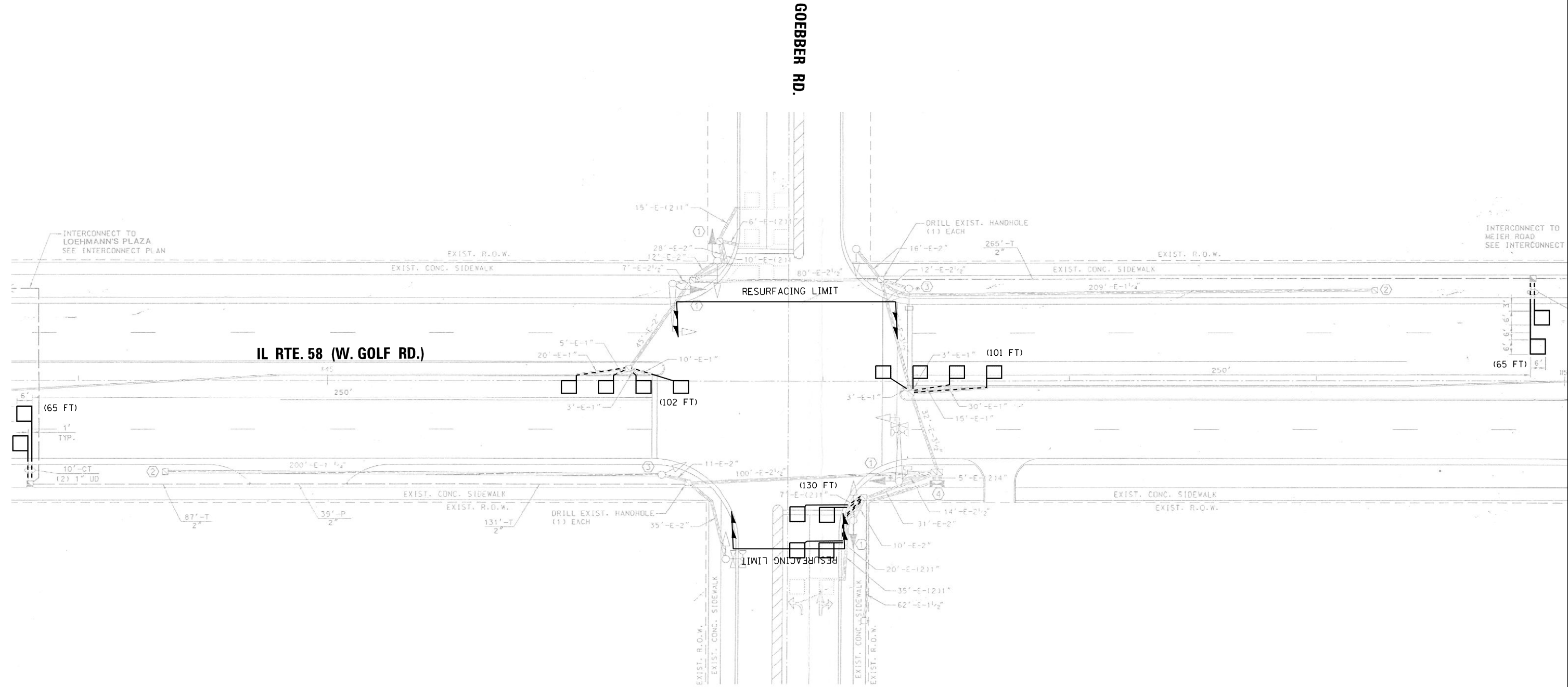
**DETECTOR LOOP REPLACEMENT PLAN  
IL. RTE. 58 (W. GOLF RD.) AT LOEHMANN PLAZA DRIVEWAY**

F.A.P. RTE. 339	SECTION 2018-078-RS	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 31
CONTRACT NO. 62HI2				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

**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	463	FOOT

FILE NAME = 62H12 -IL 58 Golf Rd @ Goebber Rd.dgn	USER NAME = vargese	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
		CHECKED - LP	REVISED -
		DATE - 12/10/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETECTOR LOOP REPLACEMENT PLAN</b>	
<b>IL RTE. 58 (W. GOLF RD.) AT GOEBBER RD.</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 2018-078-RS	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H12	

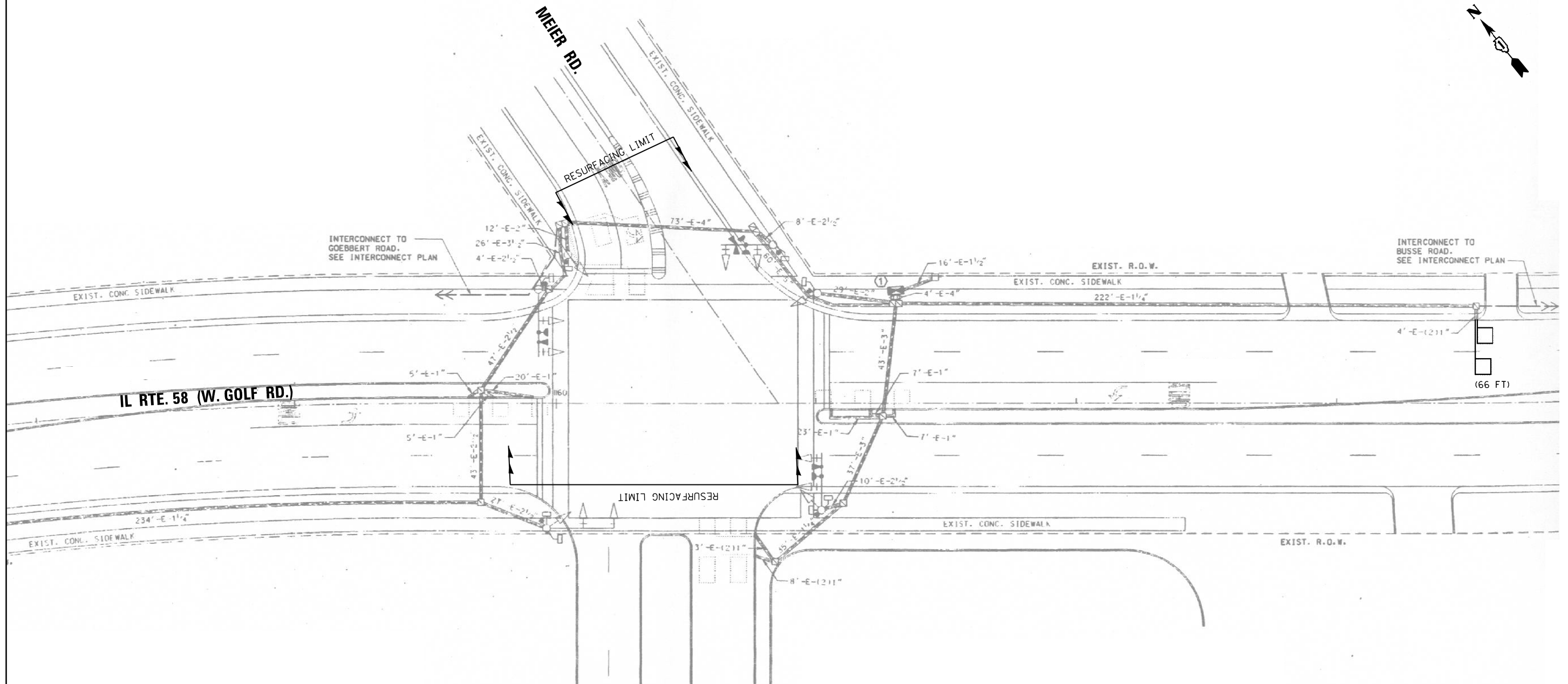






**NOTES:**

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	66	FOOT

FILE NAME =	USER NAME = vargaso	DESIGNED - AV	REVISED -
62H12 -IL 58 Golf Rd @ Meier Rd 2.dgn		DRAWN - AV	REVISED -
Default		CHECKED - LP	REVISED -
	PLOT DATE = 12/10/2018	DATE - 12/10/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

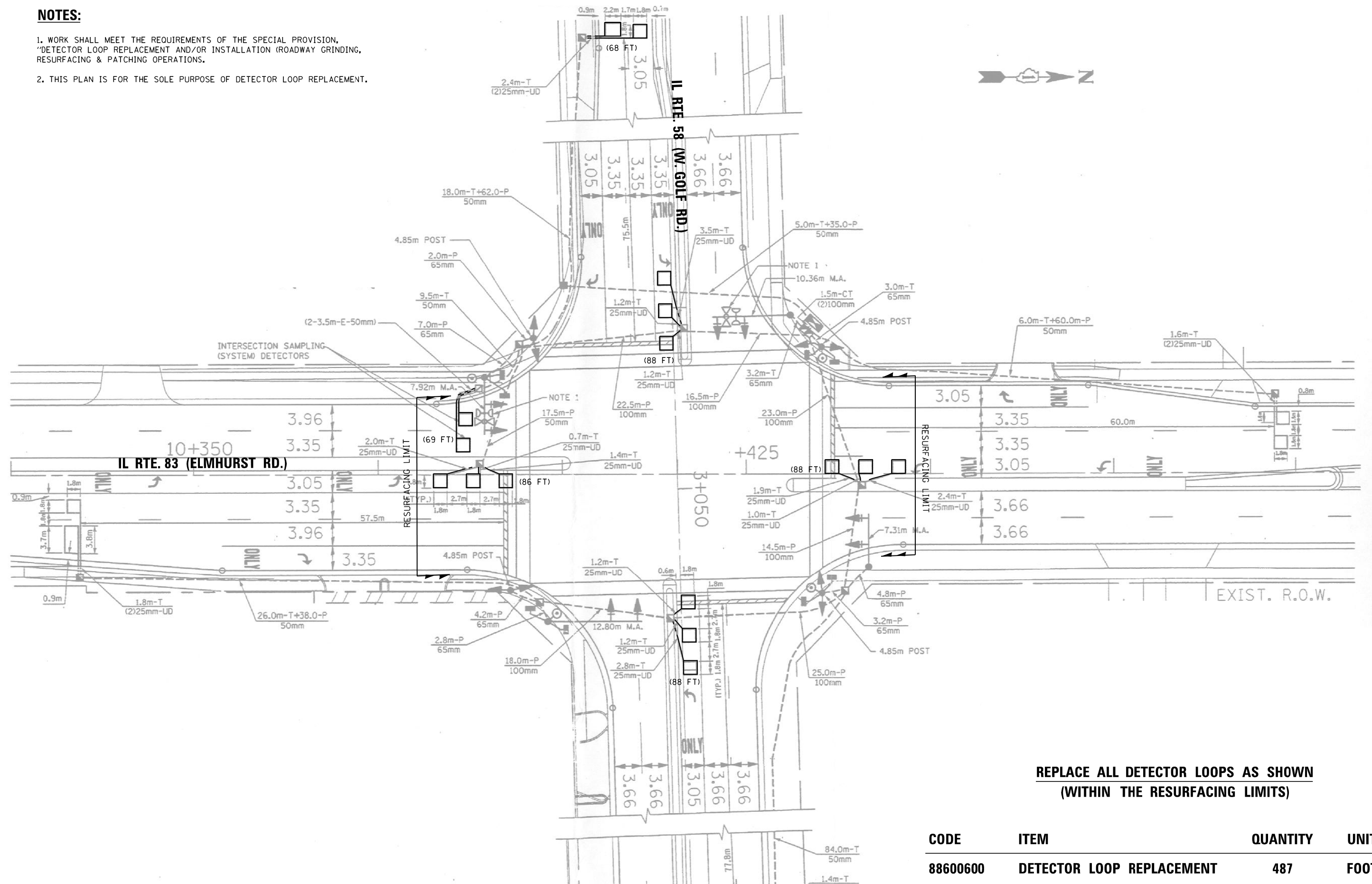
<b>DETECTOR LOOP REPLACEMENT PLAN</b>			
<b>IL RTE. 58 (W. GOLF RD.) AT MEIER RD.</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56	34
CONTRACT NO. 62H12				
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	487	FOOT

FILE NAME = 62HI2 -IL 58 Golf Rd @ IL 83 Elmhurst Rd.dgn	USER NAME = vargese	DESIGNED - AV	REVISED -
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		CHECKED - LP	REVISED -
		DATE - 12/10/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

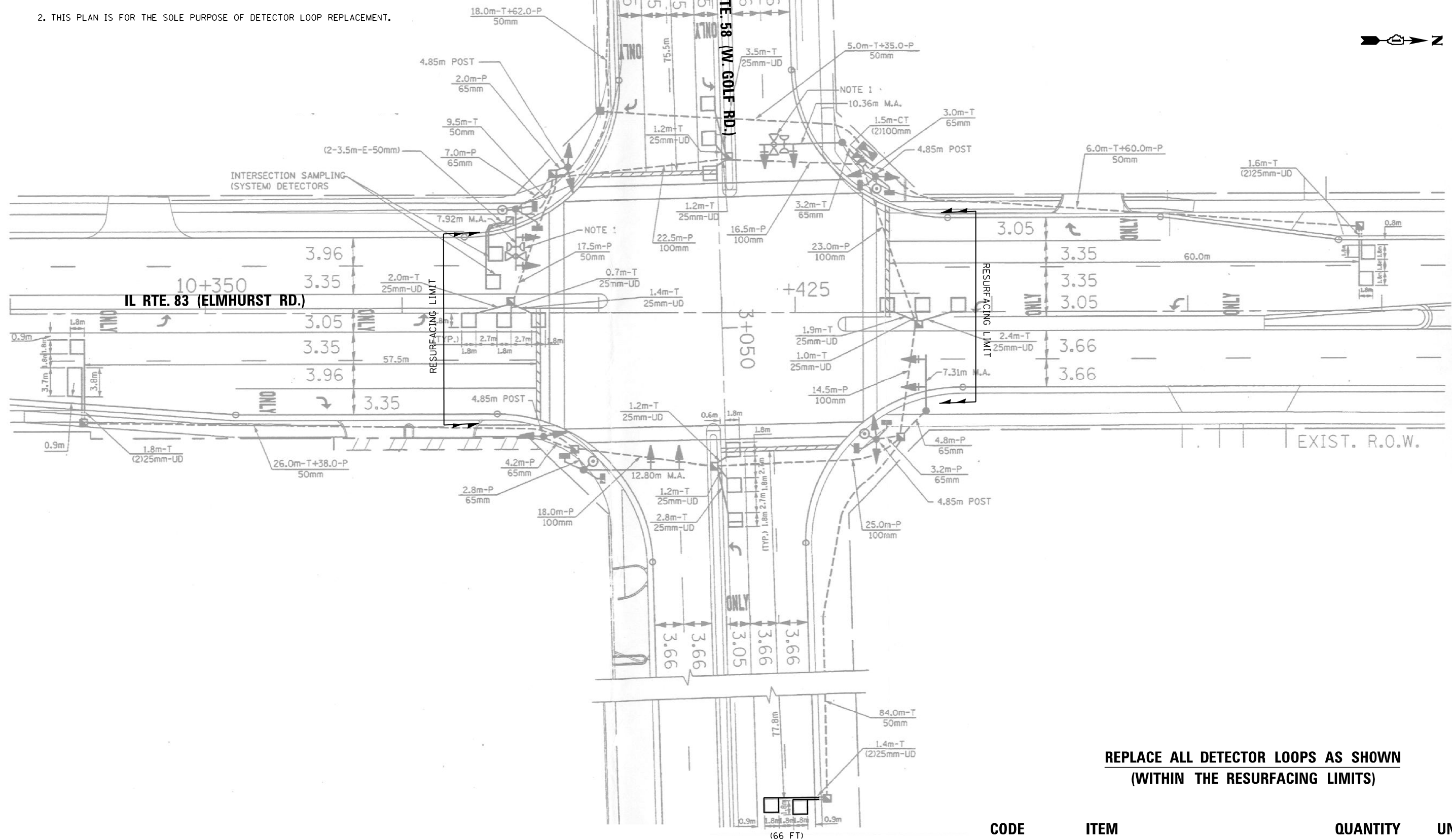
**DETECTOR LOOP REPLACEMENT PLAN  
IL. RTE. 58 (W. GOLF RD.) AT IL RTE. 83 (ELMHURST RD.)**

F.A.P. RTE. 339	SECTION 2018-078-RS	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 36
CONTRACT NO. 62HI2				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

**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	66	FOOT

FILE NAME = 62HI2 -IL 58 Golf Rd @ IL 83 Elmhurst Rd	USER NAME = vargese	DESIGNED - AV	REVISED -
	2.dgn	DRAWN - AV	REVISED -
	PLOT SCALE = 40.000% / in.	CHECKED - LP	REVISED -
Default	PLOT DATE = 12/11/2018	DATE - 12/10/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

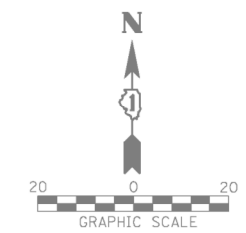
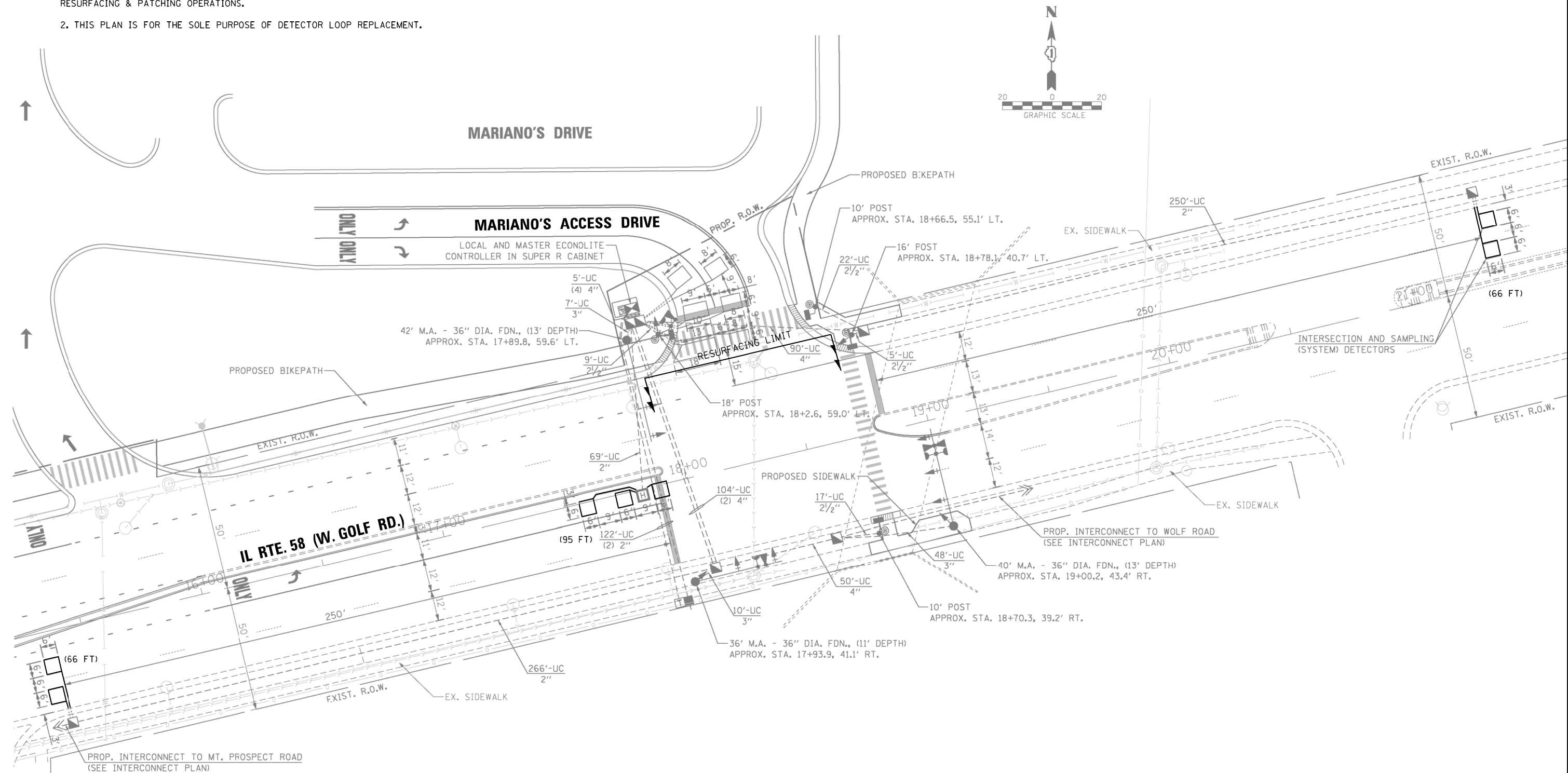
**DETECTOR LOOP REPLACEMENT PLAN  
IL RTE. 58 (W. GOLF RD.) AT IL RTE. 83 (ELMHURST RD.)**

F.A.P. RTE. 339	SECTION 2018-078-RS	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 37
CONTRACT NO. 62HI2				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

**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.



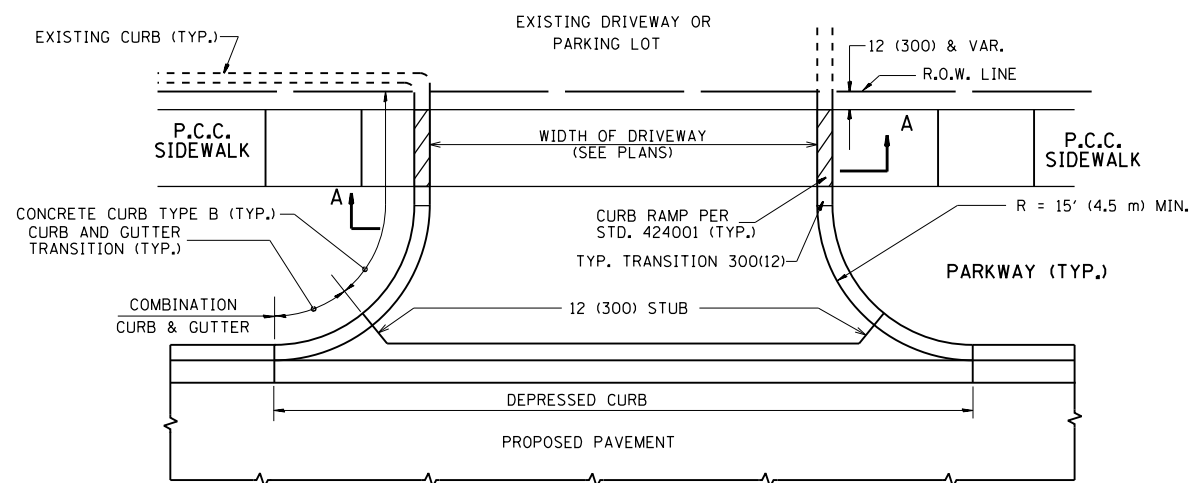
**REPLACE ALL DETECTOR LOOPS AS SHOWN  
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	317	FOOT

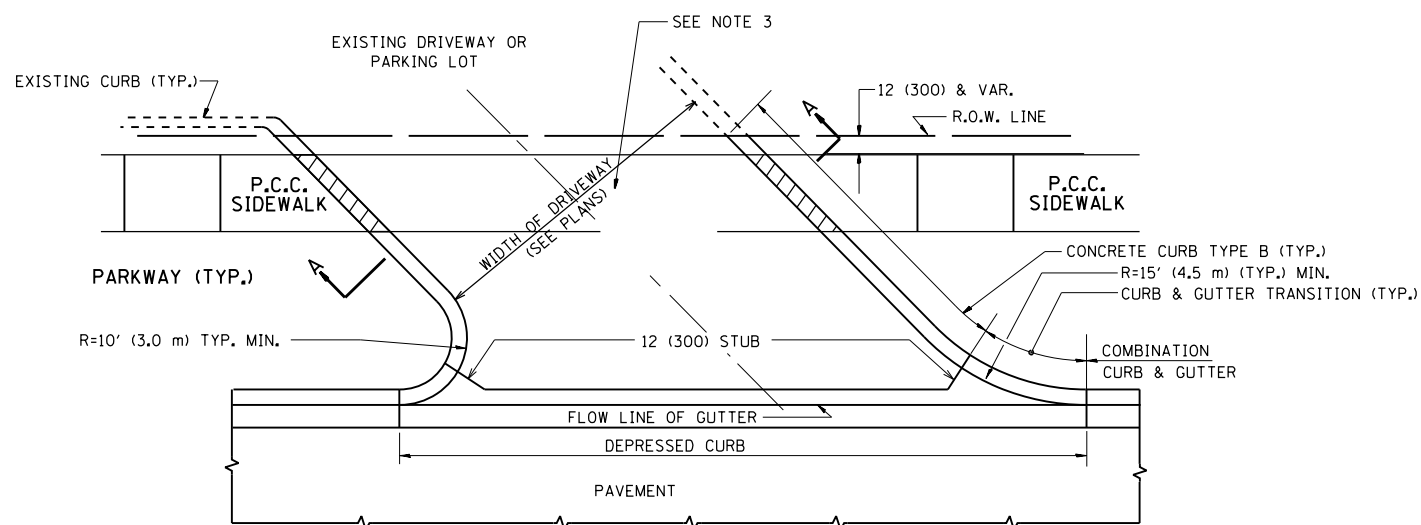
FILE NAME = 62HI2 -IL 58 Golf Rd @ Mariano's Access Drive.dgn	USER NAME = vargaso	DESIGNED - AV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN IL. RTE. 58 (W. GOLF RD.) AT MARIANO'S ACCESS DRIVE</b>	F.A.P. RTE. 339	SECTION 2018-078-RS	COUNTY COOK	TOTAL SHEETS 56	SHEET NO. 38	
PLOT SCALE = 40,0143' / in.	CHECKED - LP	REVISIED -	REVISIED -			CONTRACT NO. 62HI2					
DATE - 12/10/2018	DATE - 12/10/2018	REVISIED -	REVISIED -			ILLINOIS FED. AID PROJECT					
Default						SCALE:	SHEET	OF	SHEETS	STA.	TO



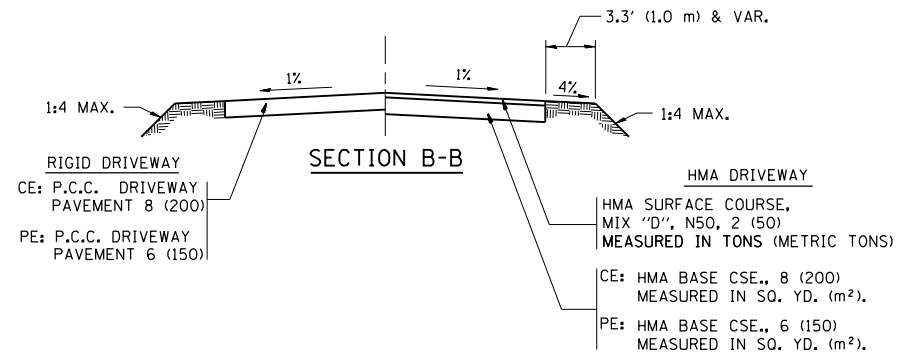
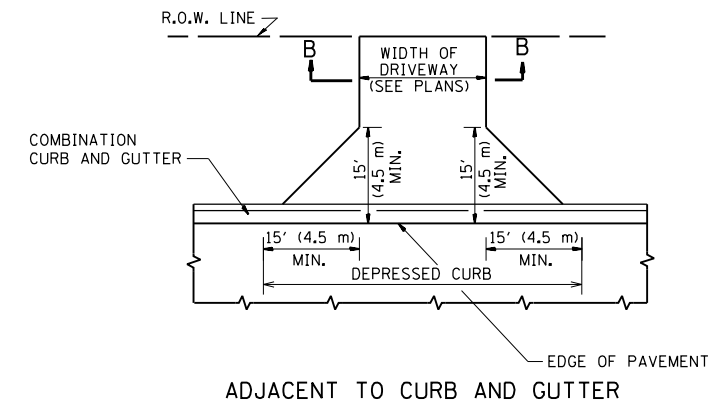
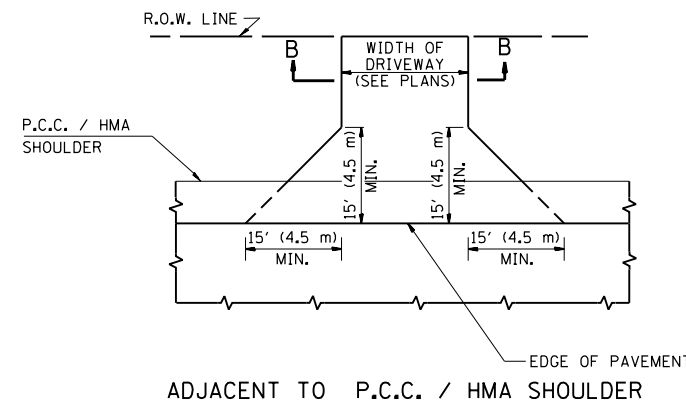
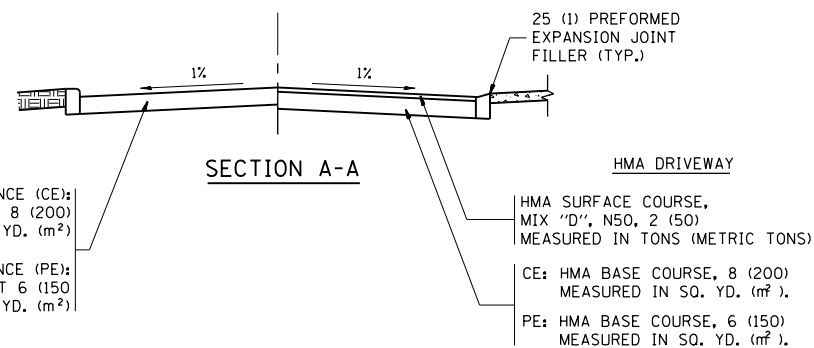




WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)  
HMA SURFACE COURSE,  
MIX "D", N50, 2 (50)  
MEASURED IN TONS (METRIC TONS)  
AGGREGATE BASE CSE., TYPE B, 8 (200)  
MEASURED IN SQ. YD. (m²).

**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 ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT 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.

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.

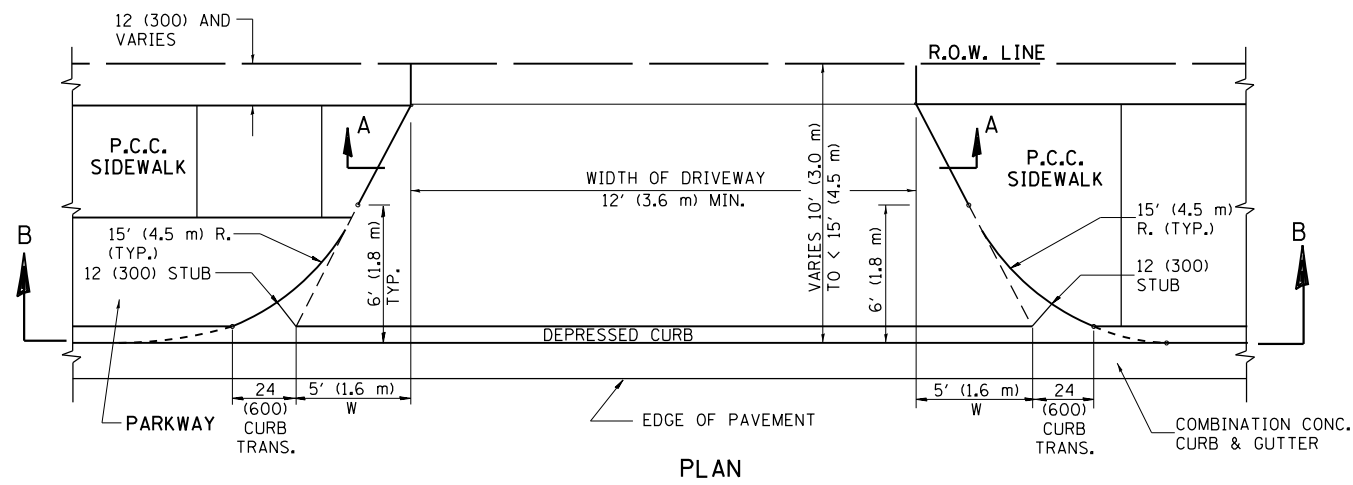
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

FILE NAME =	USER NAME = kalorm	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI084EBIDINTEG\Design\DistStd.dgn		CHECKED -	REVISED - R. BORO 01-01-07
		DATE - 11-04-95	REVISED - R. BORO 06-11-08
			REVISED - R. BORO 09-06-11

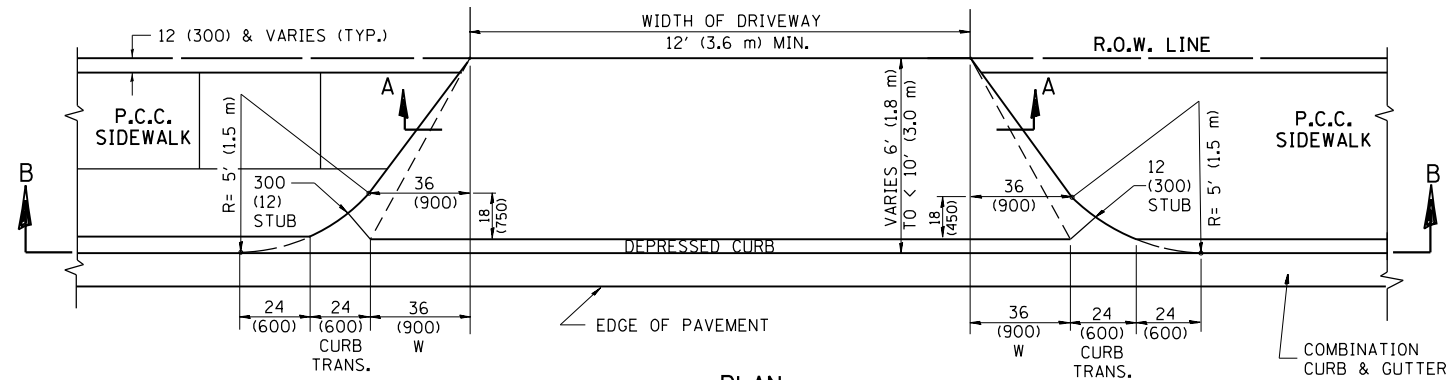
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB &amp; EDGE OF SHOULDER &gt;= 15' (4.5 m)</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

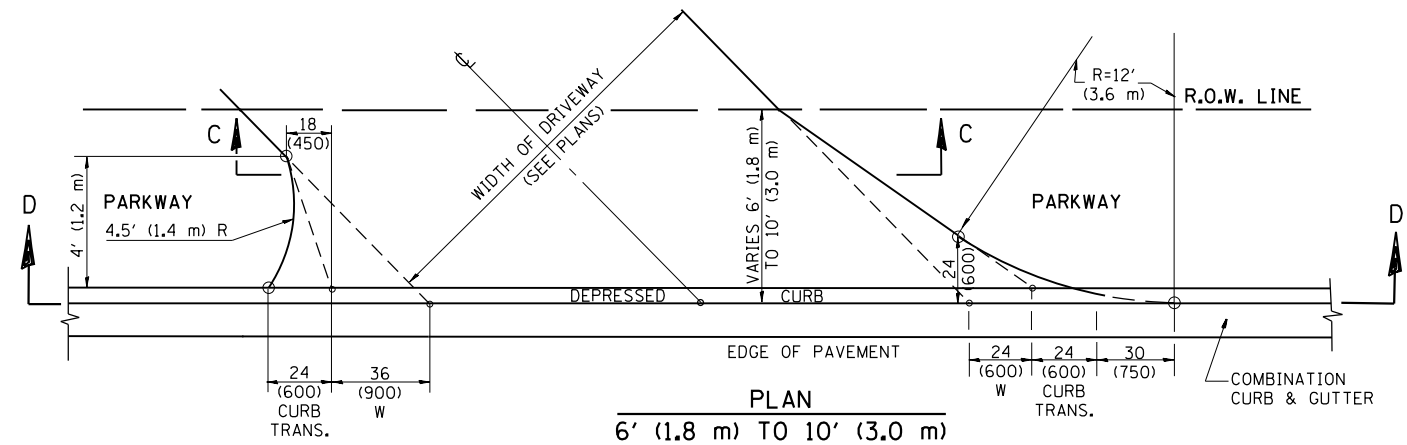
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56	40
<b>BD0156-07 (BD-01)</b>		<b>CONTRACT NO. 62H12</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



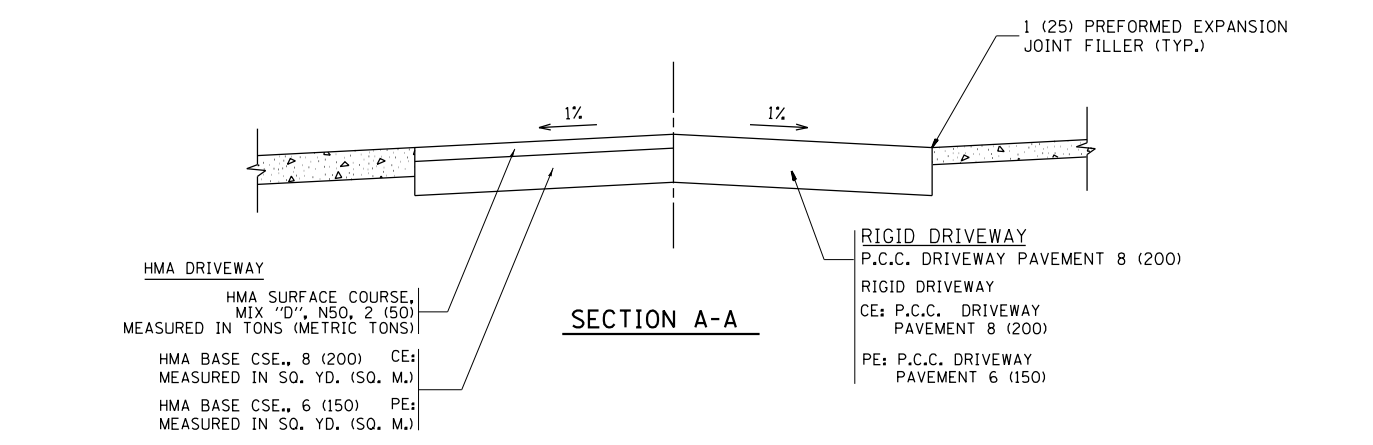
PLAN  
10' (3.0 m) TO < 15' (4.5 m)



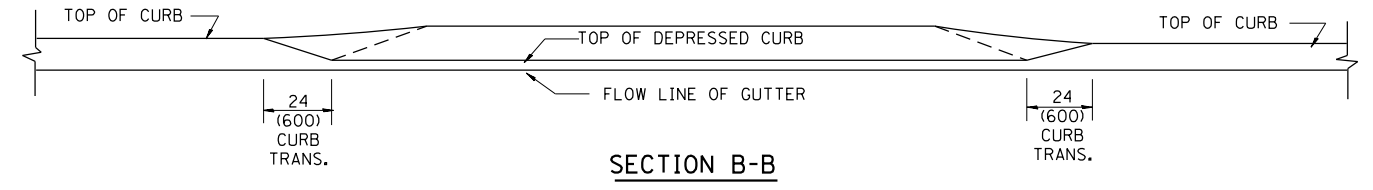
PLAN  
6' (1.8 m) TO < 10' (3.0 m)



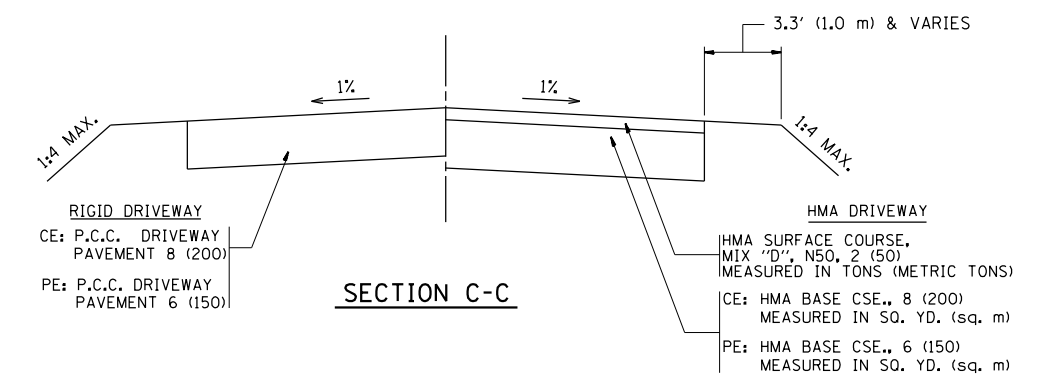
PLAN  
6' (1.8 m) TO 10' (3.0 m)



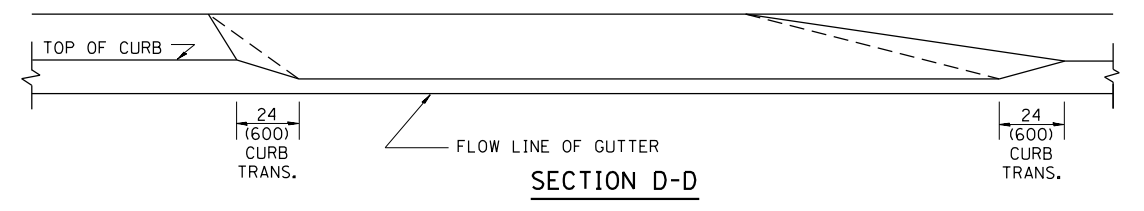
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

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

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

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

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

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

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

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

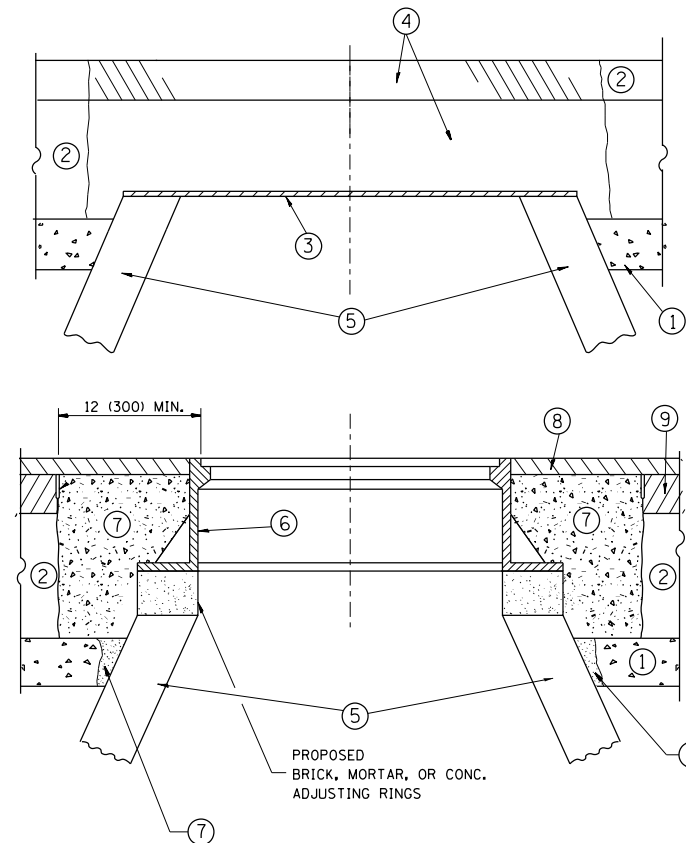
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		PLOT SCALE = 100.0002' / in.	REVISED - R. BORO 01-01-07
		PLOT DATE = 2/1/2019	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56	41
BD400-02 (BD-02)		CONTRACT NO. 62H12		
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**

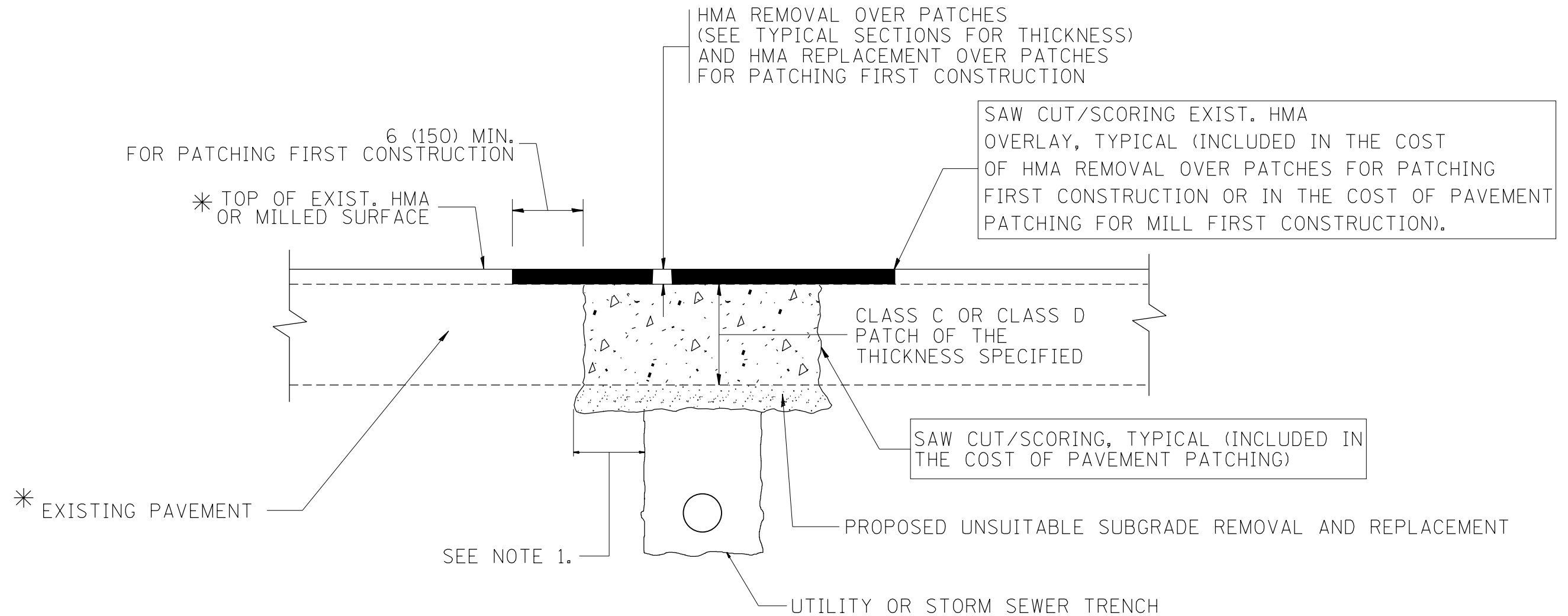
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	PLOT DATE = 2/1/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56	42
<b>BD600-03 (BD-8)</b>		<b>CONTRACT NO. 62H12</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

FILE NAME =	USER NAME = kalorm	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 2/1/2019	DATE - 10-25-94	REVISED - R. BORO 09-04-07	REVISED - K. ENG 10-27-08		SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 62H12		
								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.

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

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".

SEE STATE STANDARD 606001  
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)  
1/4" (5) \*\*

18" (450) MAX.

3" (75) MIN.

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

\* 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.

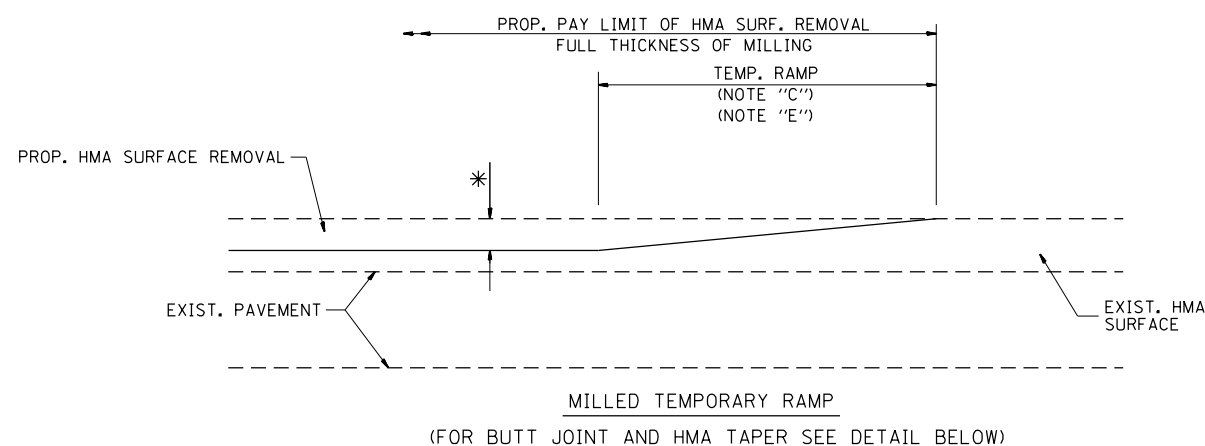
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

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.

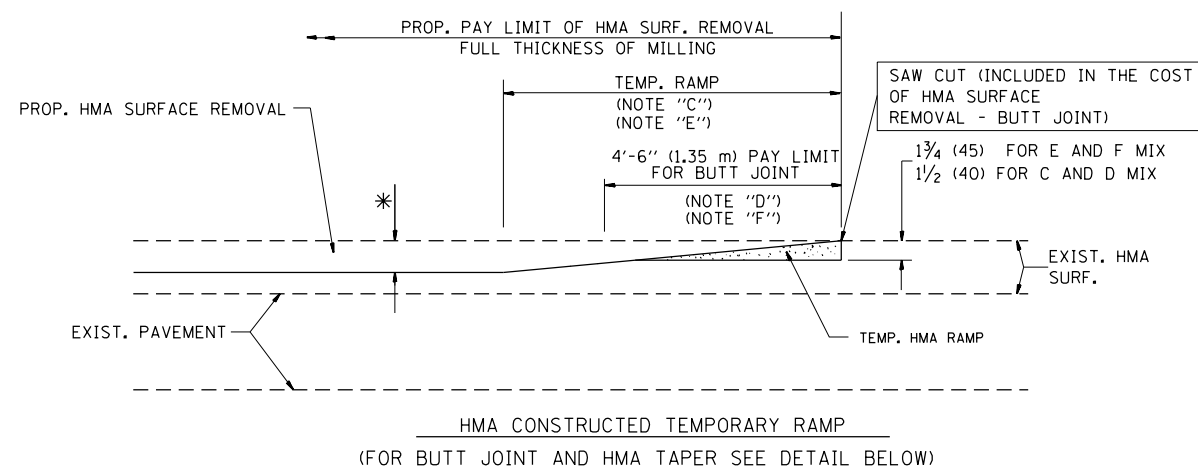
# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

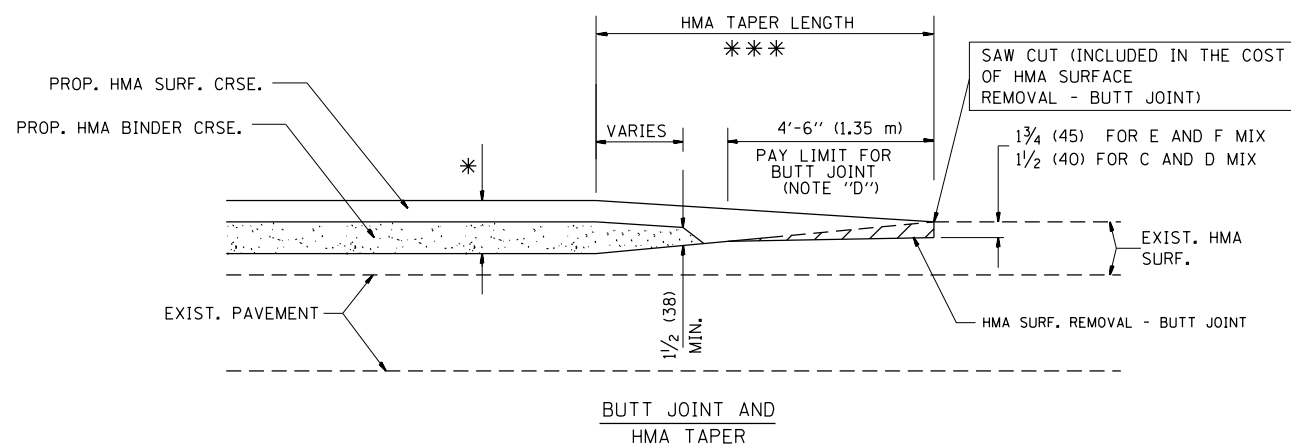
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PLOT DATE = 2/1/2019	DATE - 03-11-94				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT		



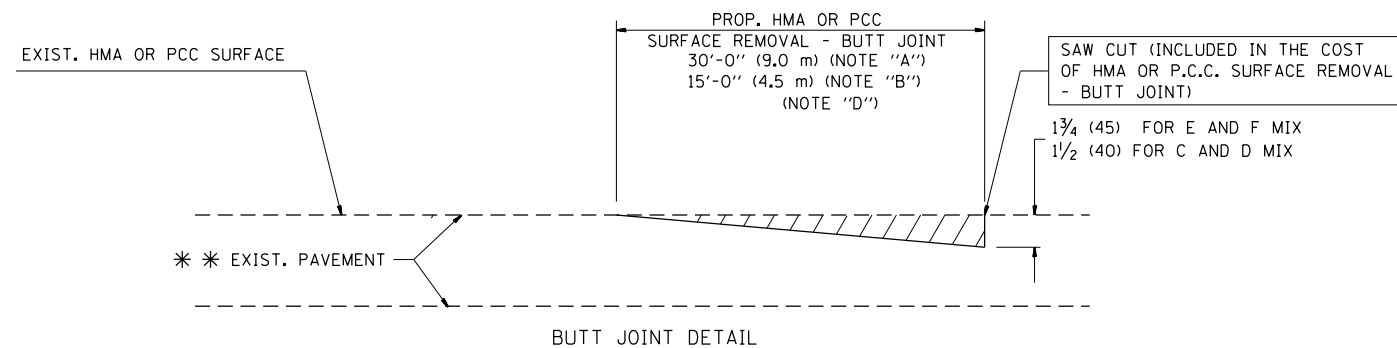
**OPTION 1**



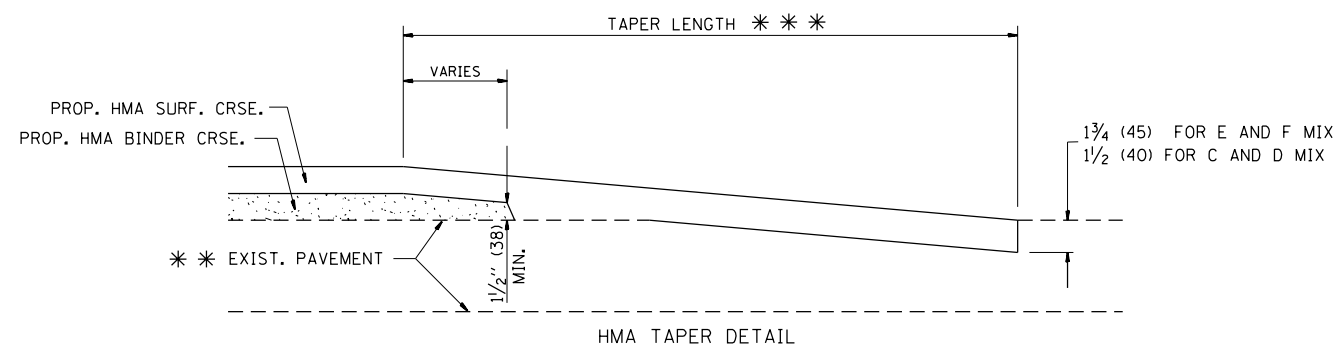
**OPTION 2  
TYPICAL TEMPORARY RAMP**



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



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

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

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

**NOTES**

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

\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

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

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

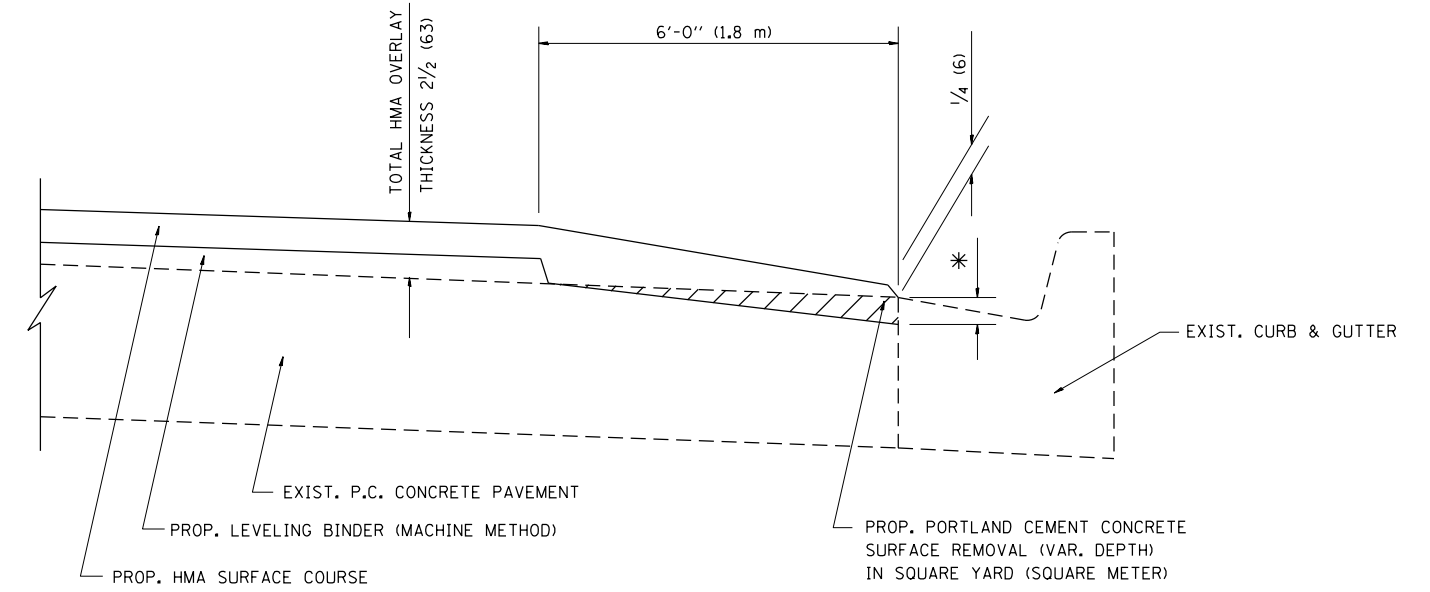
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 2/1/2019	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**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.
339	2018-078-RS	COOK	56	45
<b>BD400-05 BD32</b>		<b>CONTRACT NO. 62H12</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

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

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

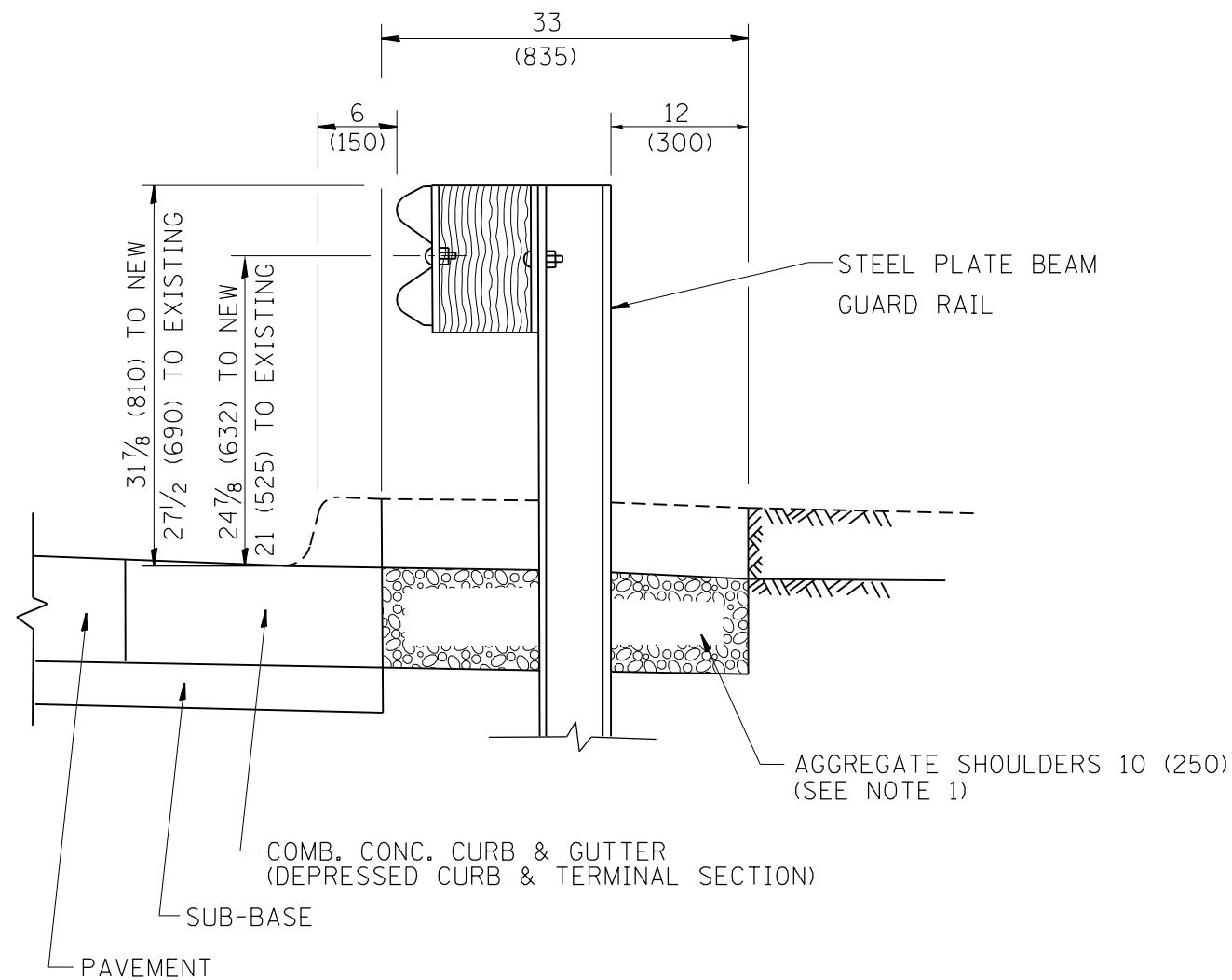
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Default	PLOT SCALE = 100.0000' / 1in.	DATE - 09-10-94	REVISED - R. BORO 01-01-07
	PLOT DATE = 2/1/2019		REVISED - JP CHANG 07-08-16

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

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

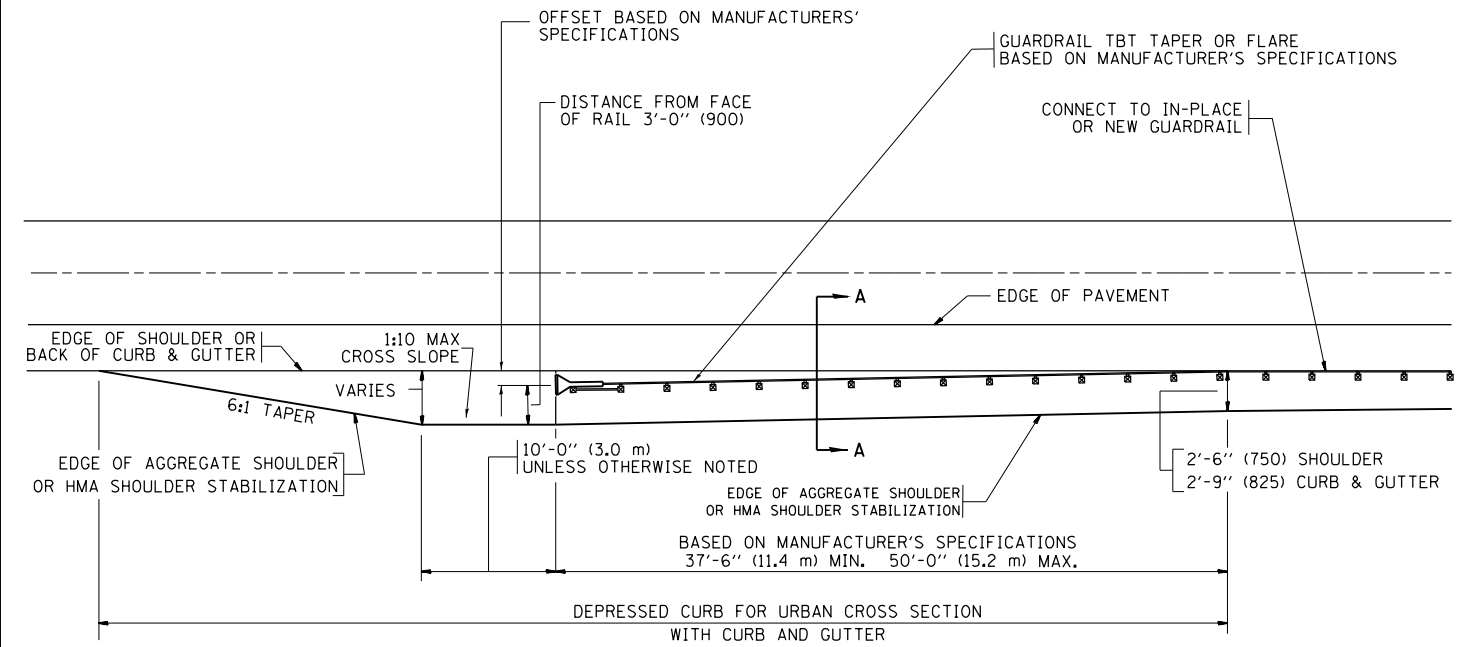
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56	46
BD400-06 (BD33)		CONTRACT NO. 62H12		
ILLINOIS FED. AID PROJECT				



**SECTION A-A**

- NOTES:
1. THE AGGREGATE SHOULDER, 10" OR HMA SHOULDER, 6" (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
  2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
  3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM  
GUARD RAIL ADJACENT TO CURB AND GUTTER  
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



**DEPRESSED CURB AND GUTTER AND  
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDERS 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL  
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

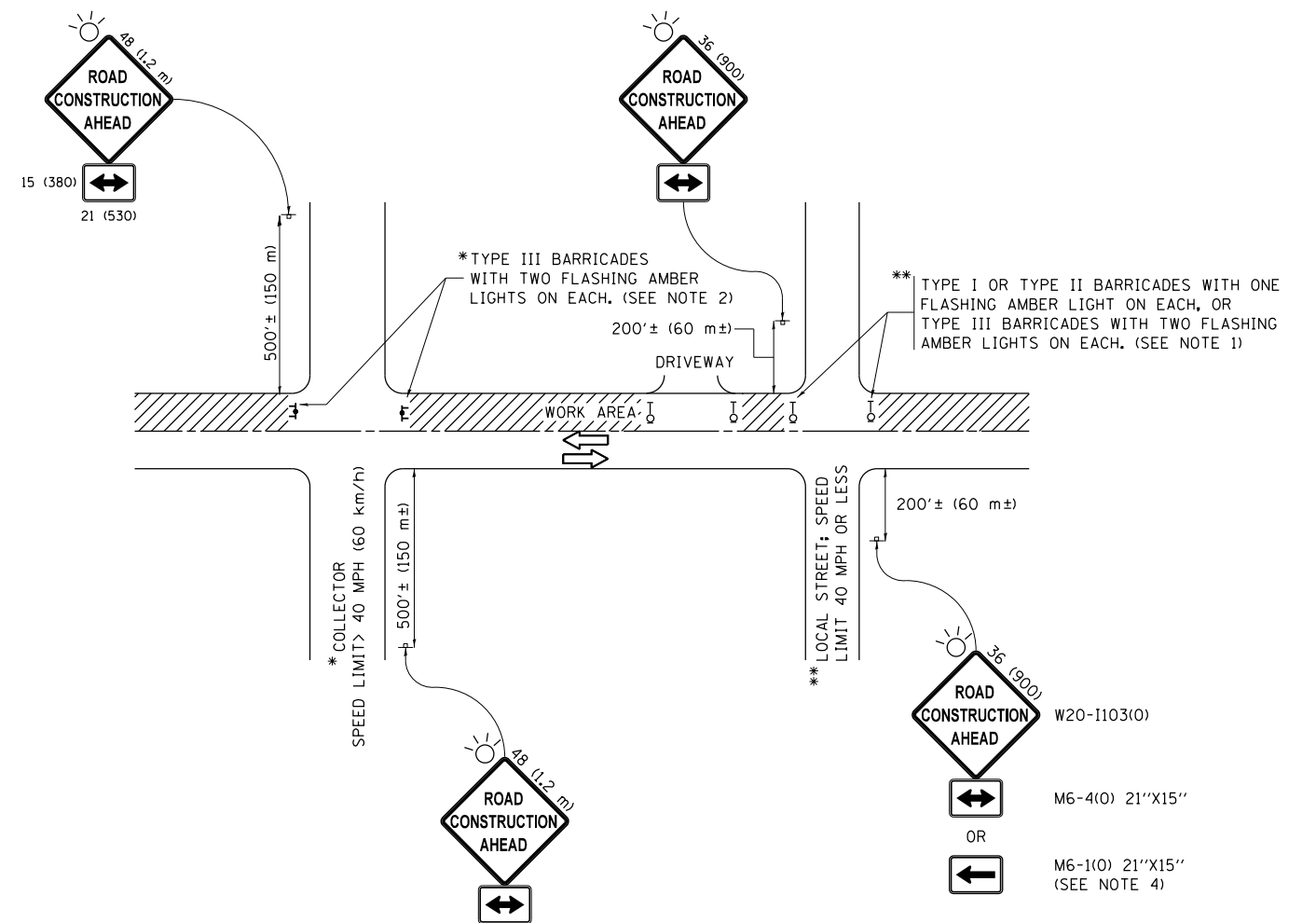
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 12-08-2008
	PLOT DATE = 2/1/2019	DATE - 09-22-90	REVISED - R. BORO 09-14-2009

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR DEPRESSED CURB & GUTTER AND  
SHOULDER TREATMENT AT TBT TY 1 SPL.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56	47
<b>BD600-10 (BD 34)</b>		<b>CONTRACT NO. 62H12</b>		
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.

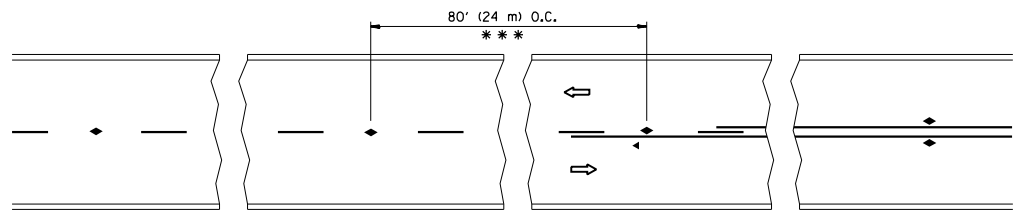
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	PLOT DATE = 2/1/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

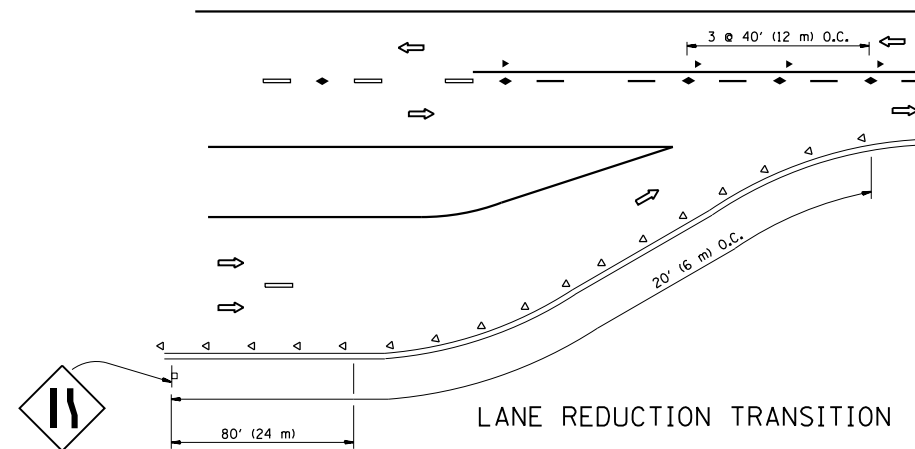
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>TC-10</b>			<b>CONTRACT NO. 62H12</b>	
ILLINOIS FED. AID PROJECT				

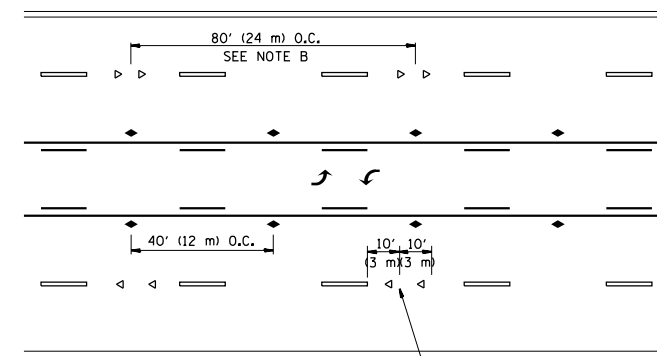


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

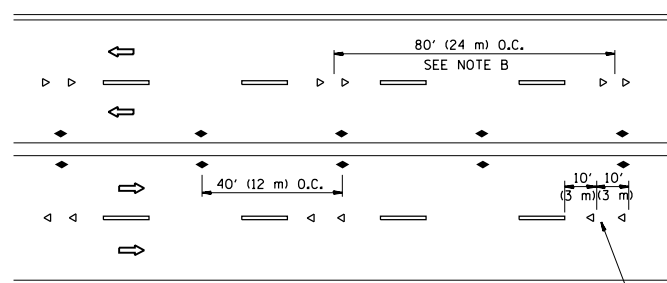
TWO-LANE/TWO-WAY



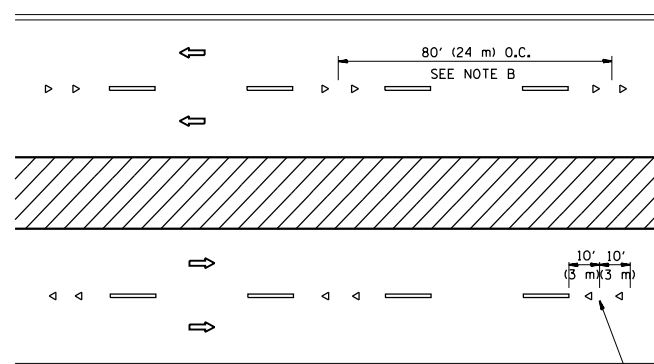
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

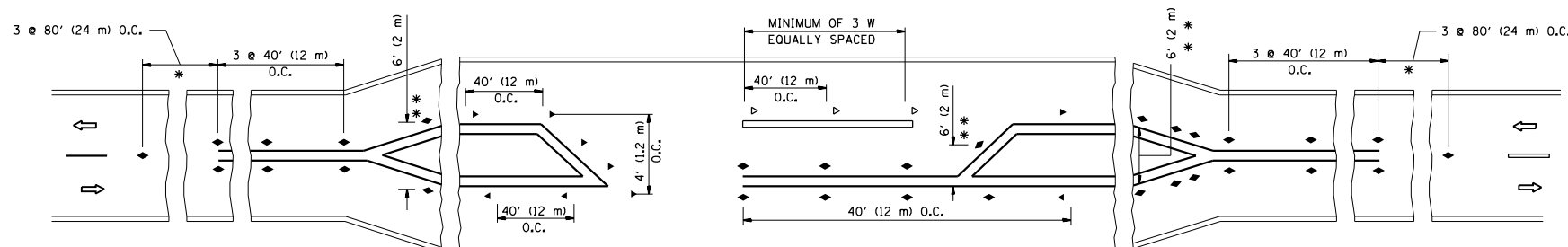
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



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

LEFT TURN

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

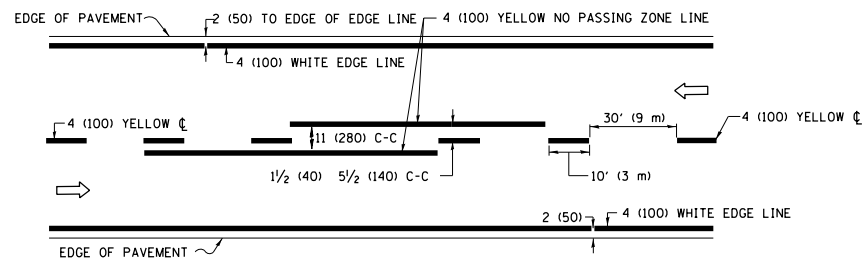
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			REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

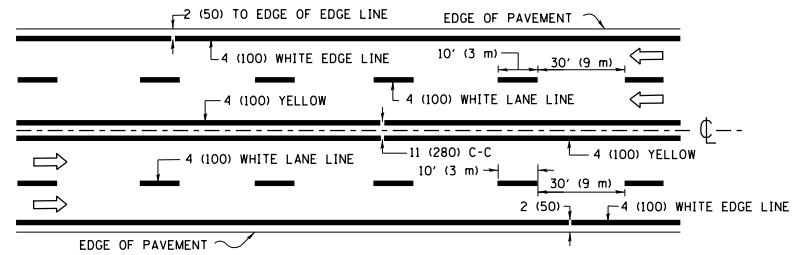
TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-11		CONTRACT NO. 62H12		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

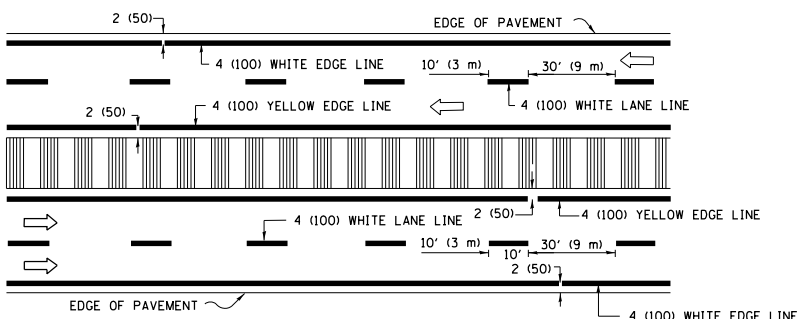




**2-LANE ROADWAY**

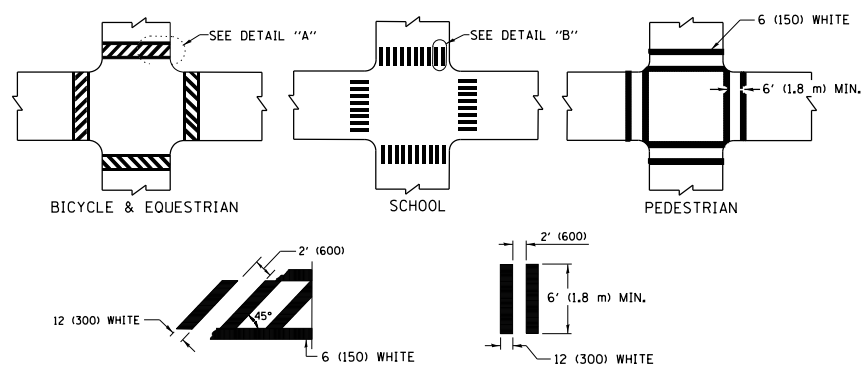


**MULTI-LANE UNDIVIDED**



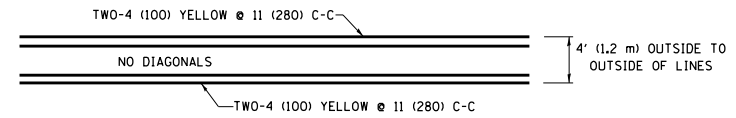
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

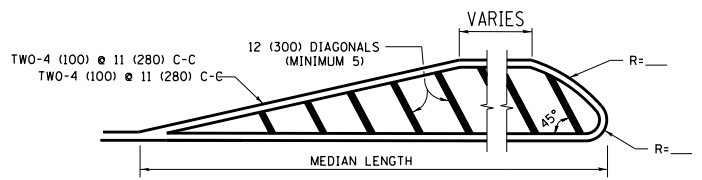


**TYPICAL CROSSWALK MARKING**

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

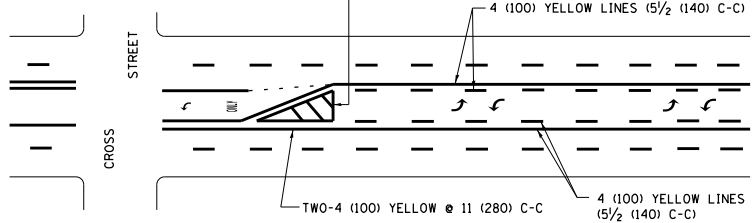


**4' (1.2 m) WIDE MEDIANS ONLY**



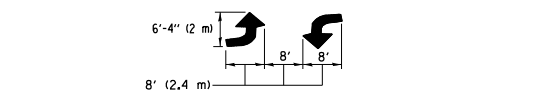
**MEDIANS OVER 4' (1.2 m) WIDE**

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

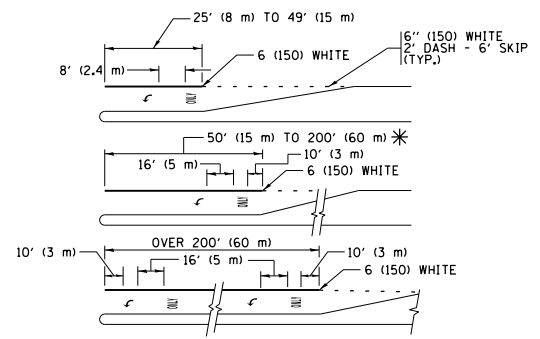


**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**

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

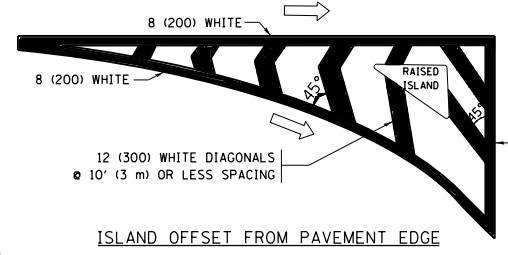


**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**

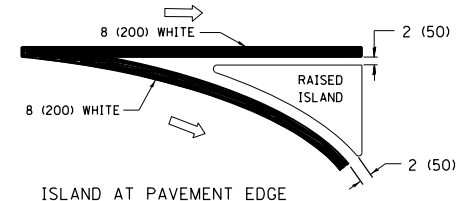


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

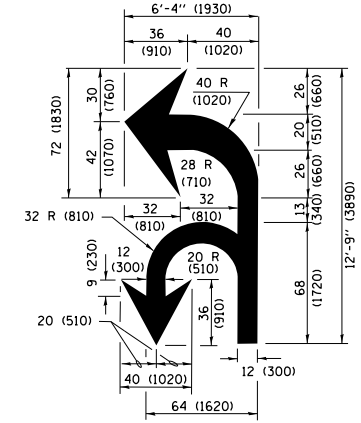
**TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING**



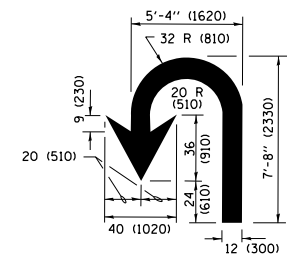
**ISLAND OFFSET FROM PAVEMENT EDGE**



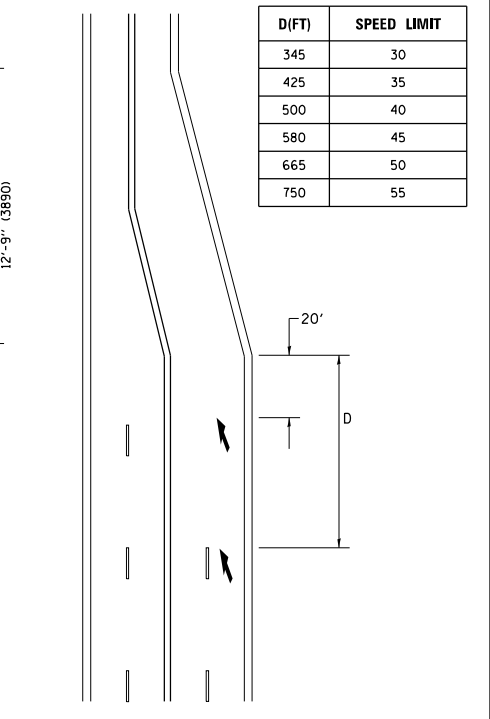
**ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING**



**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 SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (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.

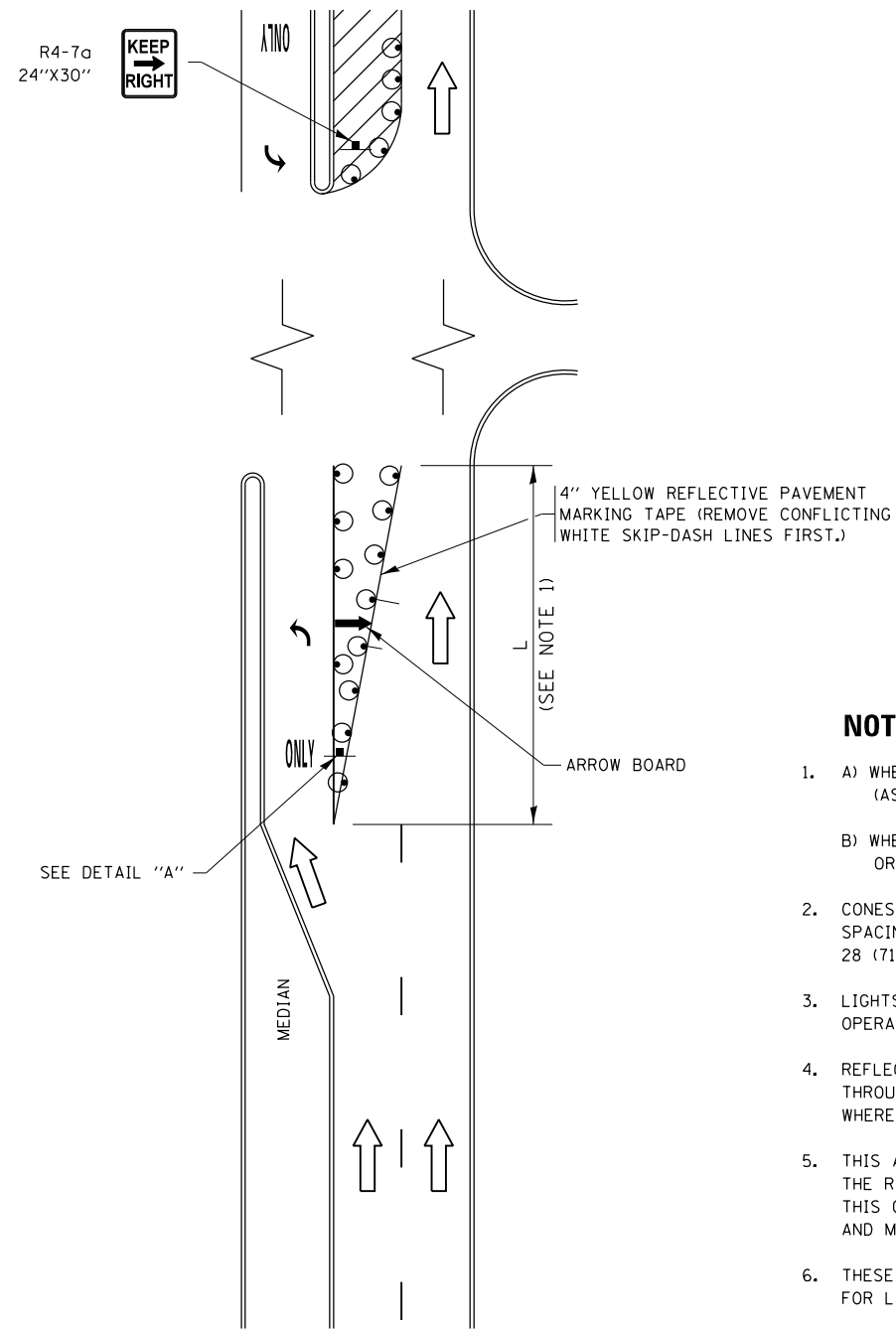
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Default	PLOT SCALE = 100.0000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 2/1/2019		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE TYPICAL PAVEMENT MARKINGS</b>			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

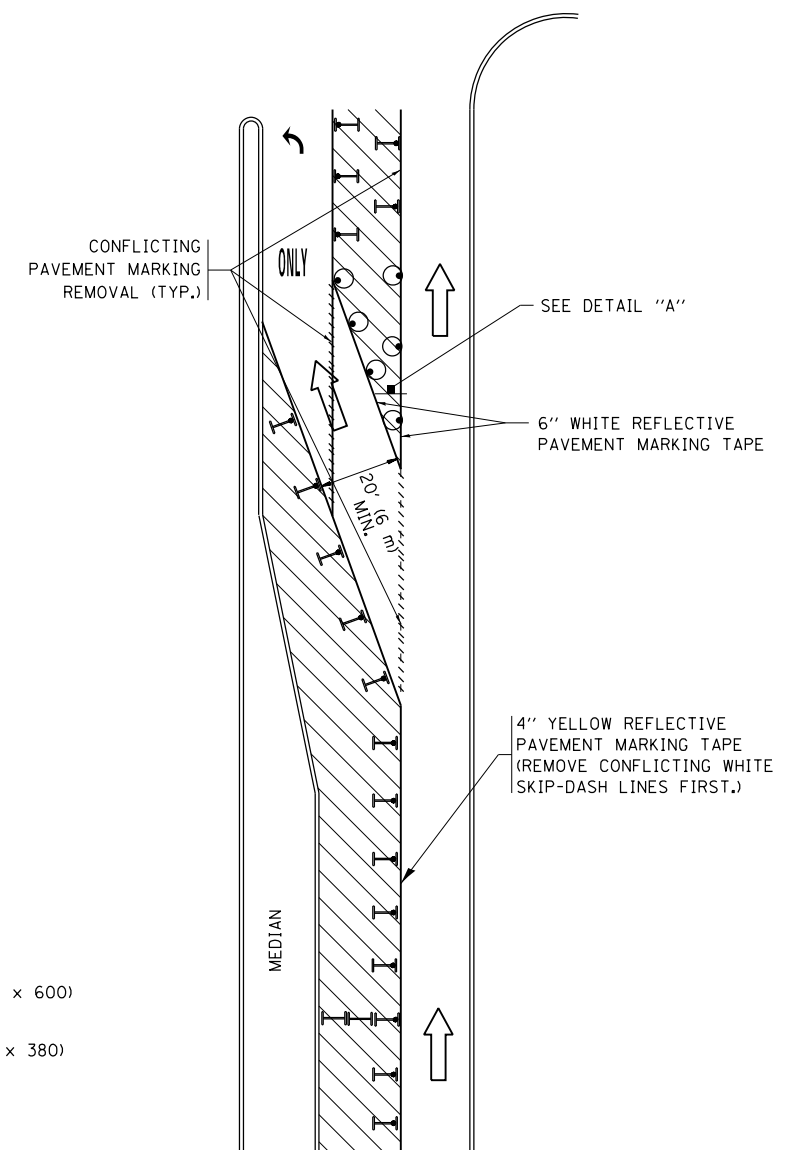
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56	50
<b>TC-13</b>		<b>CONTRACT NO. 62H12</b>		
ILLINOIS FED. AID PROJECT				

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

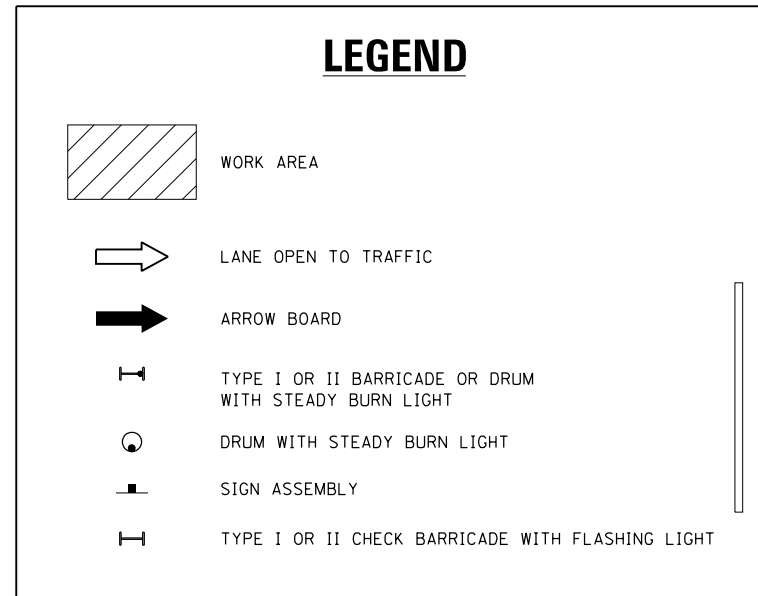


**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE

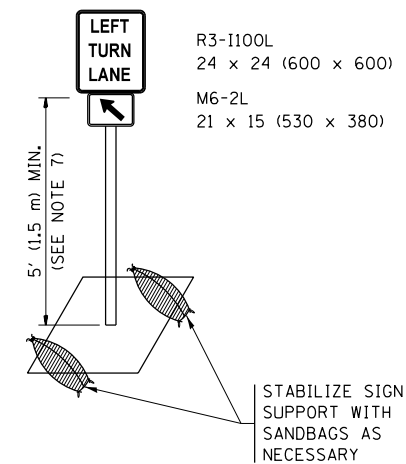


**FIGURE 2**



### NOTES:

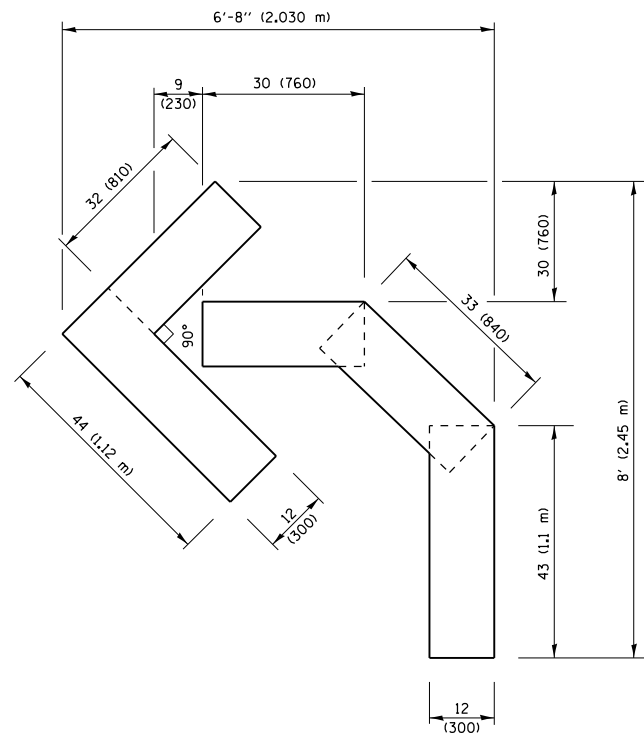
1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS.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



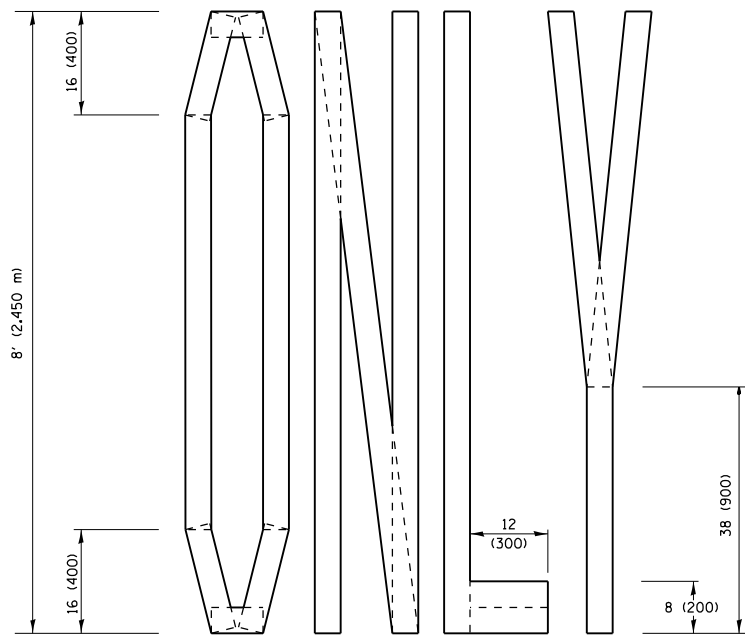
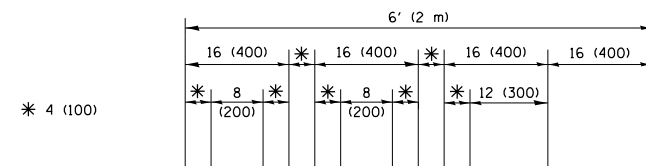
**DETAIL A**

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

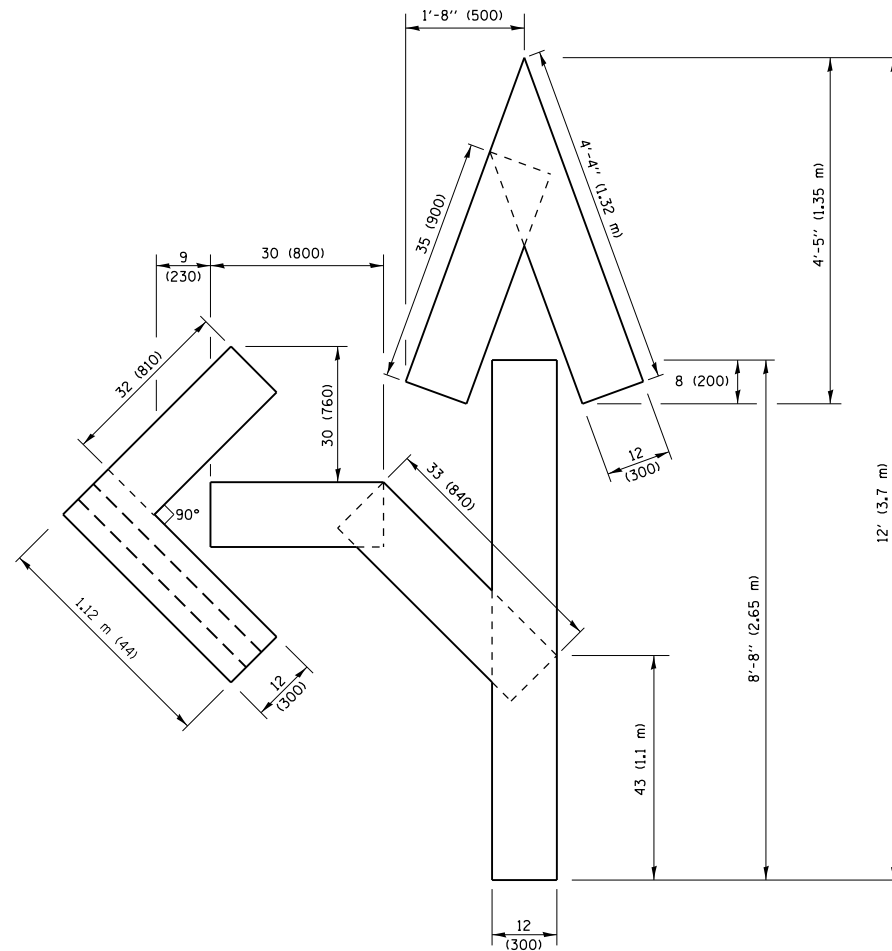
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Default	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			<b>TC-14</b>		<b>CONTRACT NO. 62H12</b>		
	PLOT DATE = 2/1/2019	REVISED - T. RAMMACHER 01-06-00	REVISED -			SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. TO STA.



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



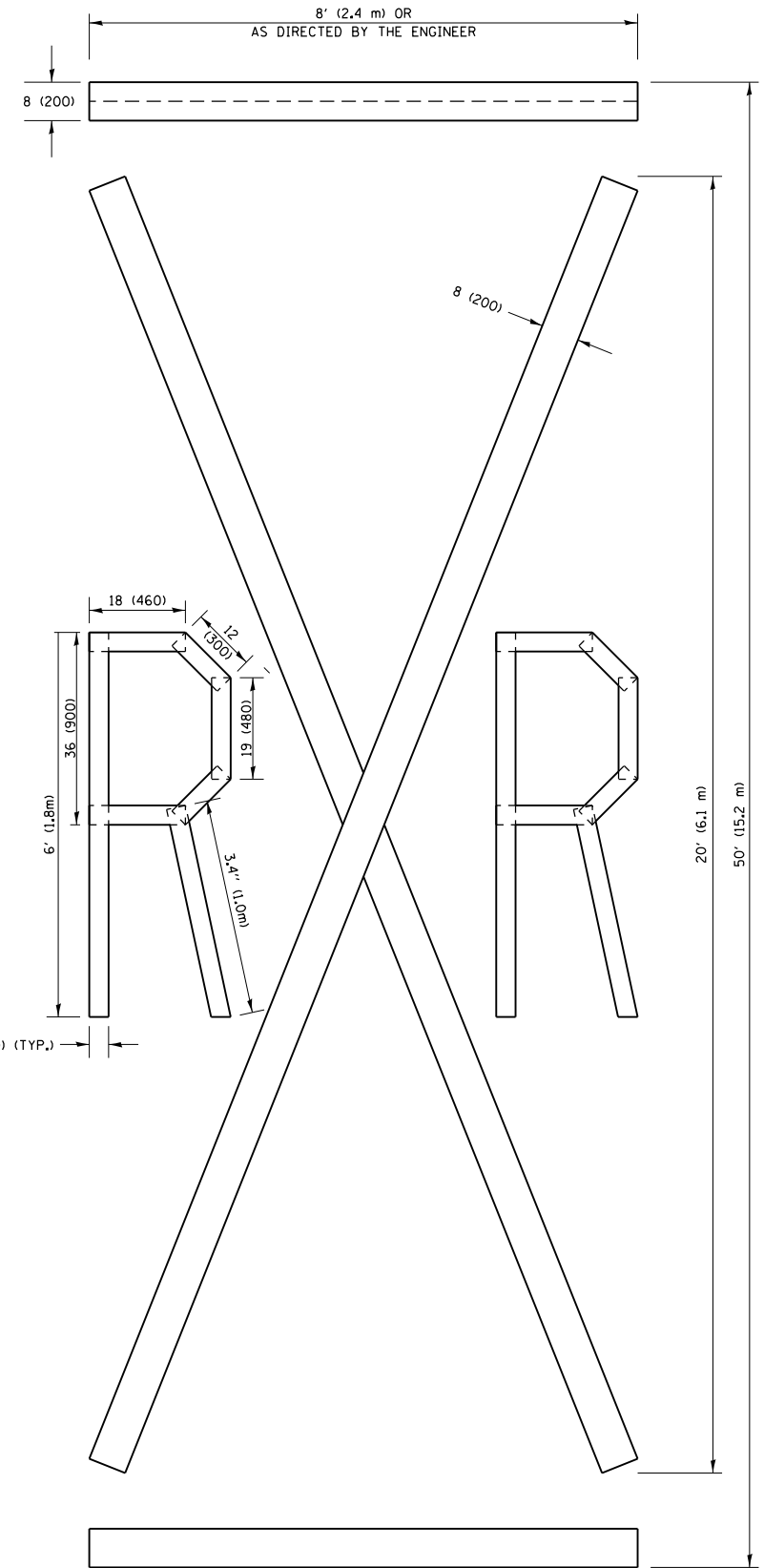
**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)



**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.

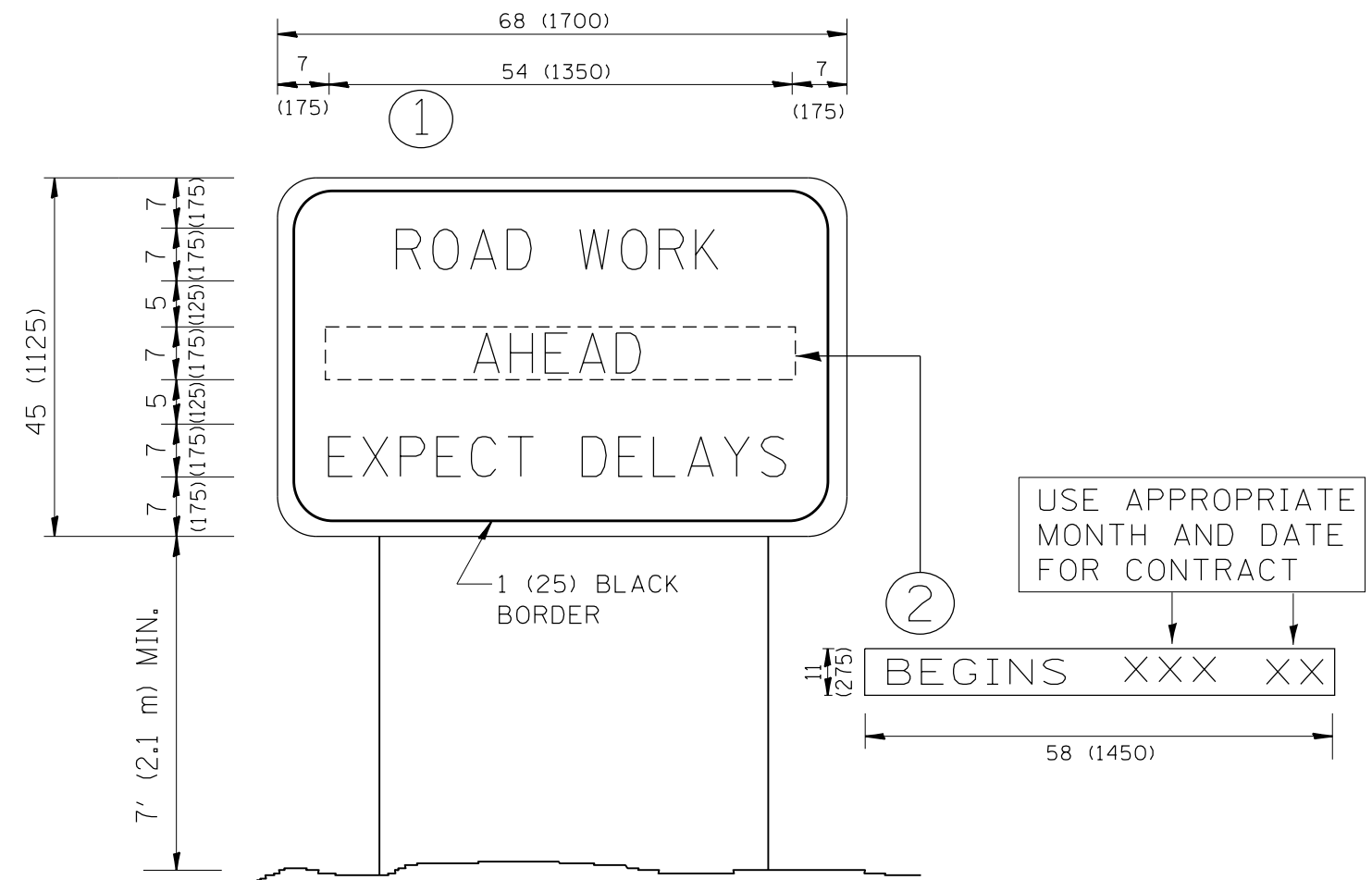
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		DATE -	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**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.
339	2018-078-R5	COOK	56	52
TC-16		CONTRACT NO. 62H12		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTES:**

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

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

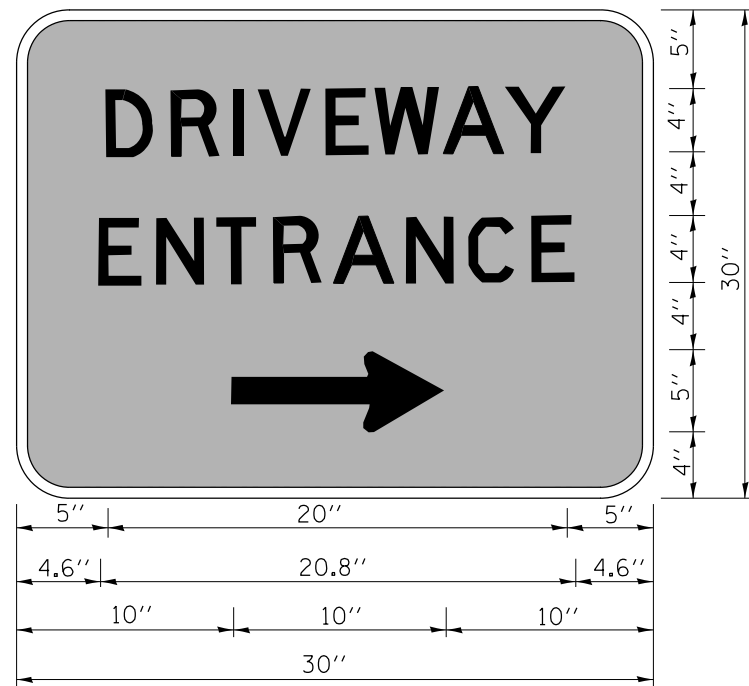
FILE NAME =	USER NAME = kalorm	DESIGNED -	REVISED - R. MIRS 09-15-97
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		PLOT SCALE = 100.0000' / in.	REVISED - T. RAMMACHER 02-02-99
		DATE -	REVISED - C. JUCIUS 01-31-07

**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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56	53
<b>TC-22</b>		<b>CONTRACT NO. 62H12</b>		
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



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

**NOTES:**

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

FILE NAME =	USER NAME = kalorm	DESIGNED -	REVISED - C. JUCIUS 02-15-07
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/1/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

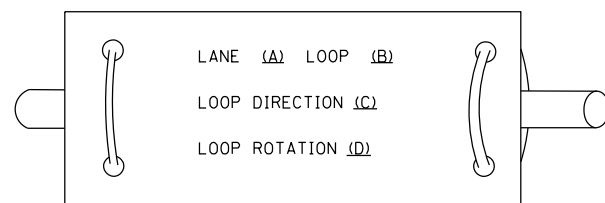
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56	54
<b>TC-26</b>		<b>CONTRACT NO. 62H12</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

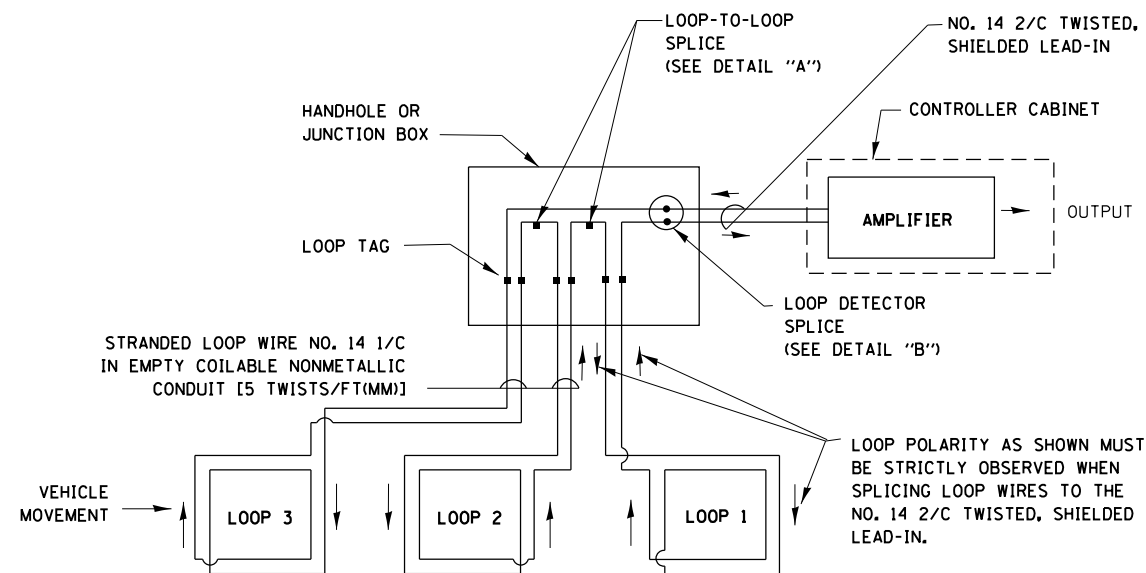
**LOOP DETECTOR NOTES**

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

**LOOP LEAD-IN CABLE TAG**

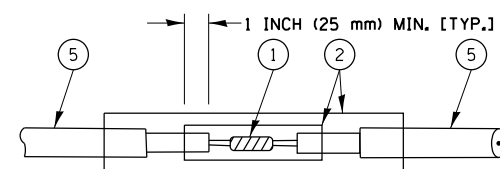


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

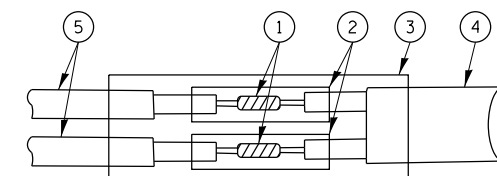


**DETECTOR LOOP WIRING SCHEMATIC**

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

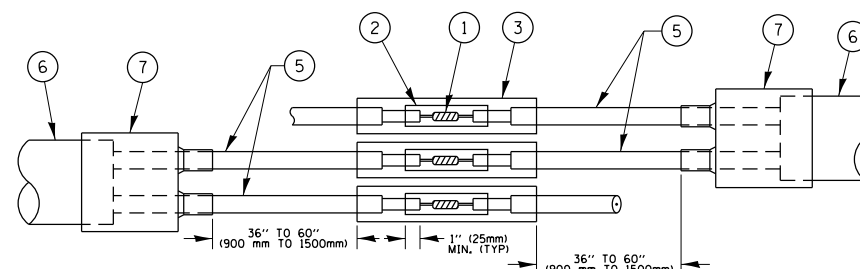


**DETAIL "A"  
LOOP-TO-LOOP SPLICE**

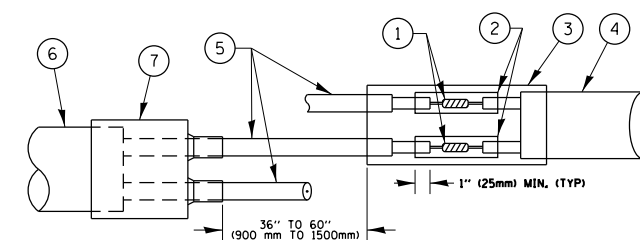


**DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE**

**TYPE I LOOP**



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



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

**LOOP DETECTOR SPLICE**

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

FILE NAME =	USER NAME = kalorm	DESIGNED -	REVISED -
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Default	PLOT DATE = 2/1/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

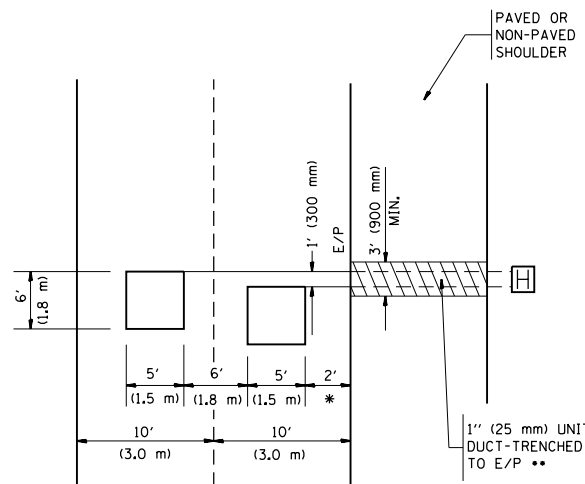
**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2018-078-RS	COOK	56	55
TS-05		CONTRACT NO. 62H12		
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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



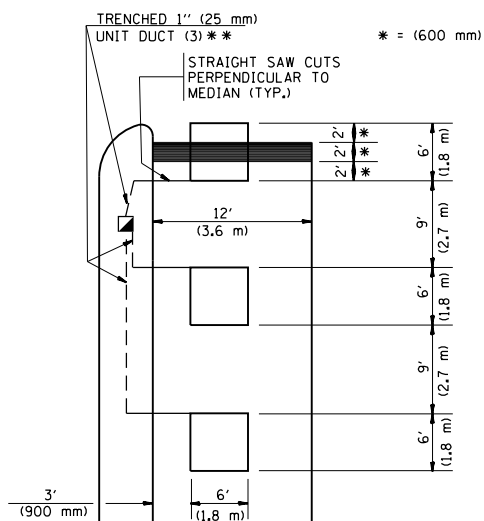
\* = (600 mm)

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

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

(PROTECTED / PERMITTED LEFT TURN PHASING)

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

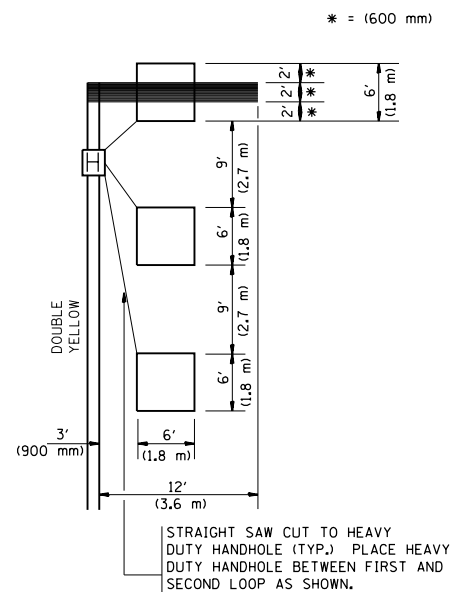


\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

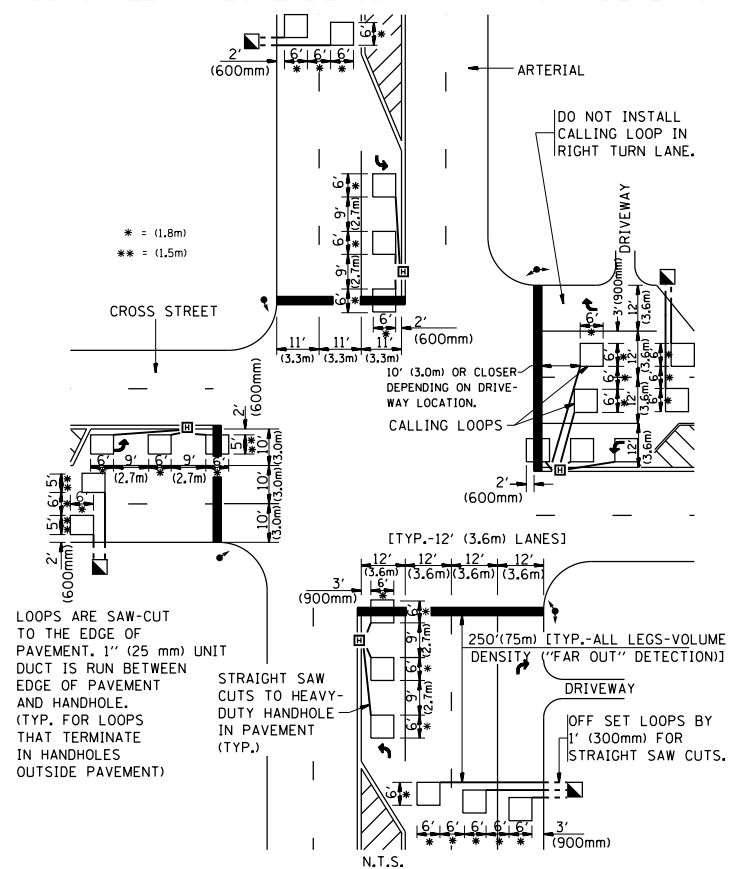
LEFT TURN LANES WITHOUT MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



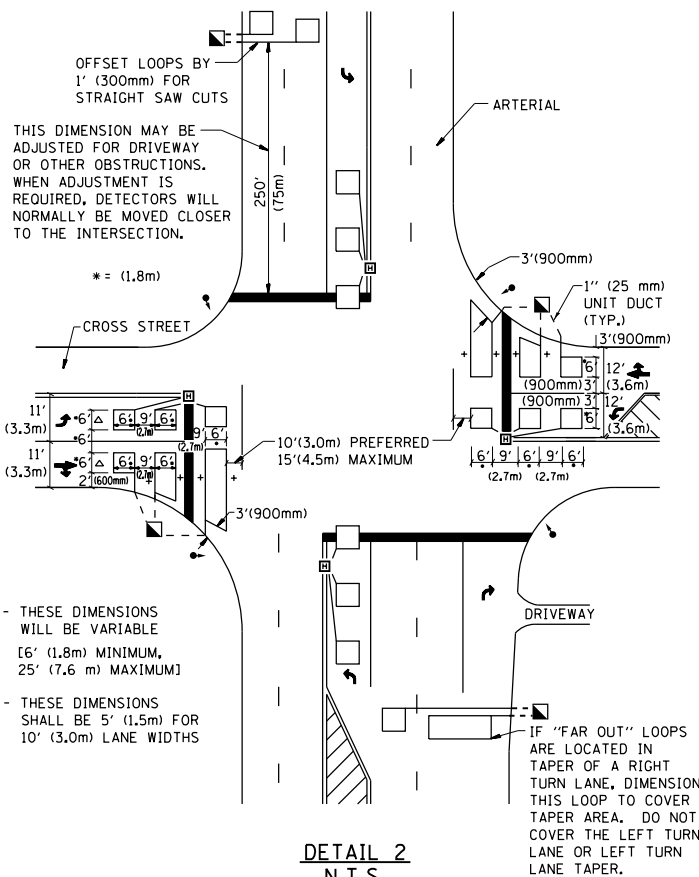
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



DETAIL 1  
N.T.S.

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



DETAIL 2  
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

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

NOTE:

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

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

FILE NAME =	USER NAME = kalorm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI084EBIDINTEG\Design\DistStd.dgn		CHECKED - R.K.F.	REVISED -					339	2018-078-RS	COOK	56	56
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -					<b>TS-07</b>			<b>CONTRACT NO. 62H12</b>	
PLOT DATE = 2/1/2019			REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					