

016

F.A.U. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	10	1
		ILLINOIS	CONTRACT NO. 62J54	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

F.A.U. ROUTE 1312: GOLF ROAD  
IL 43 (WAUKEGAN RD.) TO McCORMICK BLVD.  
SECTION: 2019-069-RS&SW  
PROJECT: STP-FPF5(007)  
DESIGNED OVERLAY; ADA IMPROVEMENTS  
COOK COUNTY

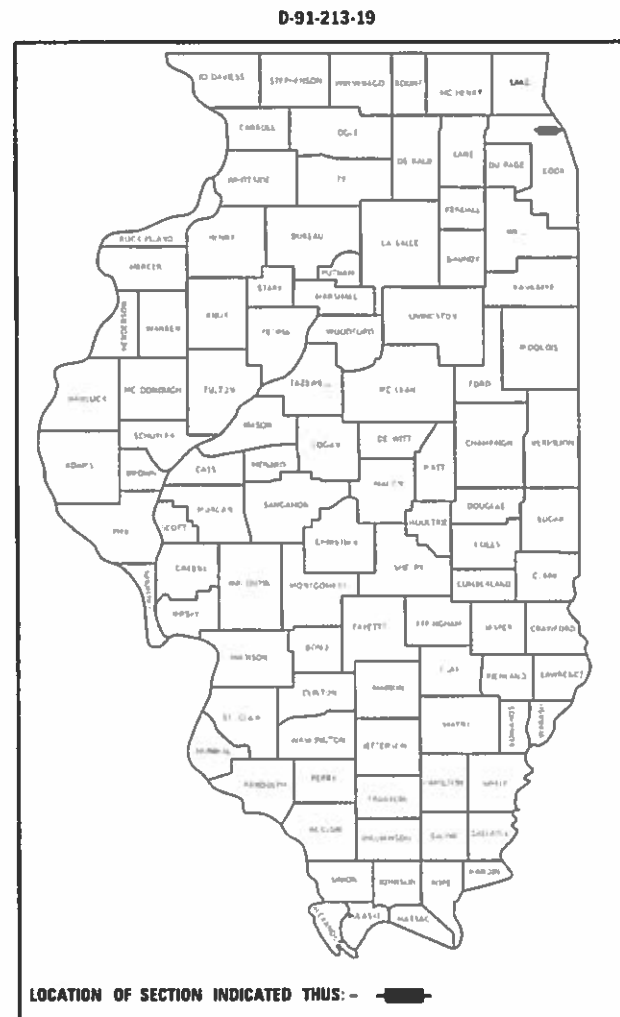
C-91-442-19

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE VILLAGES OF GLENVIEW, GOLF, MORTON GROVE, SKOKIE AND THE CITY OF EVANSTON.

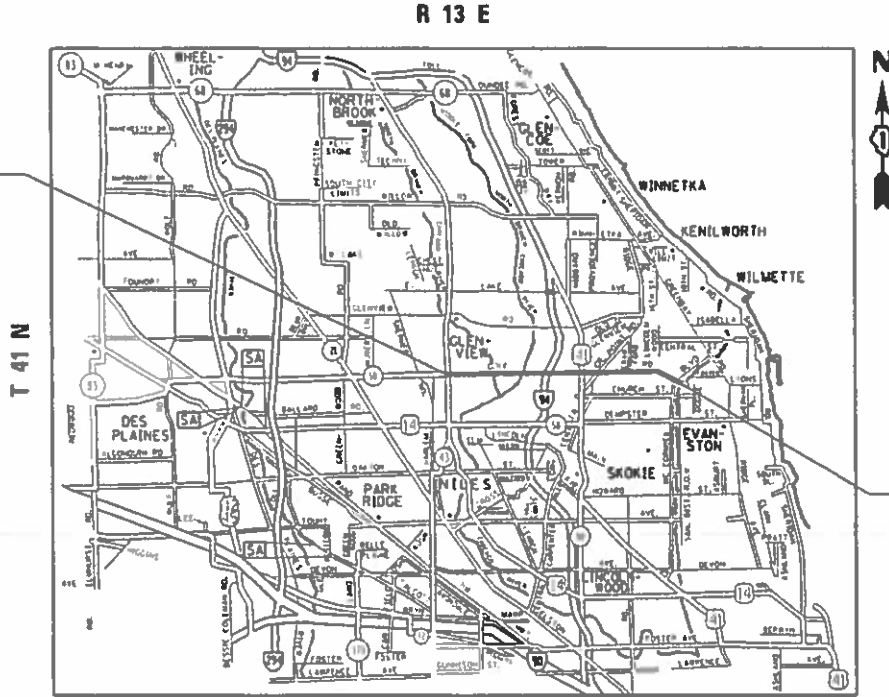
**TRAFFIC DATA**

ADT (2018) = 36,700  
POSTED SPEED LIMIT = 35-45 MPH

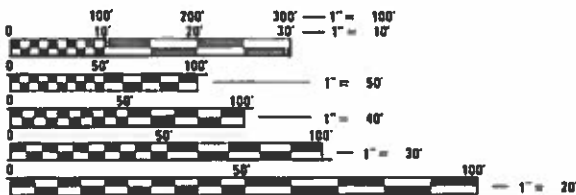


PROJECT BEGINS:  
IL 43 (WAUKEGAN RD)  
STATION 17+03

OMISSION:  
STATION 98+08 TO  
STATION 109+06



PROJECT ENDS:  
McCORMICK BLVD  
STATION 267+37



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: J. ALAIN MIDY (847) 221-3056  
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62J54

MAINE, NILES AND EVANSTON TOWNSHIP

GROSS LENGTH = 25,034 FT. = 4.74 MILES  
NET LENGTH = 23,936 FT. = 4.53 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *December 10, 2019*

*Anthony J. Ruzicki* REGIONAL ENGINEER

*Dec 6 2019* ENGINEER OF DESIGN AND ENVIRONMENT

*Paul P. Chy* DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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86.	DISTRICT ONE DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)

## STATE HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS, TYPE 1
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
668001-01	U.S. GEOLOGICAL SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS RESETTING METHOD
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15" TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS >=45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS <40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
782006-01	GUARDRAIL AND BARRIER WALL REFLECTORS MOUNTING DETAILS

5. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
6. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
8. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
9. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
10. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
11. FRAME AND GRATES/LIDS ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
12. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
13. THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, ARTERIAL TRAFFIC FIELD ENGINEER VIA E-MAIL AT WALTER.CZARNY@ILLINOIS.GOV, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
14. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
15. THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED OR PLATED STRUCTURES ACCORDING TO THE STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.
16. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
17. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
18. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40mm) WHERE THE SPEED LIMIT IS 40 MPH (80 km/h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 km/h). WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.
19. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
20. UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
21. FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
22. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

## GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE VILLAGES OF GLENVIEW, GOLF, MORTON GROVE, SKOKIE AND THE CITY OF EVANSTON..
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

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DRAWN -	REVISIED -			<b>GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - McCORMICK BOULEVARD)</b>			1312	2019-069-R5&SW	COOK	86	2	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:			SHEET 1	OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 62J54	
PLOT DATE = 10/18/2019	DATE -	REVISED -									ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE	100% STATE			
			0005	0005				
20101200	TREE ROOT PRUNING	EACH	16	16				
20200100	EARTH EXCAVATION	CU YD	217	217				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	217	217				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	938	938				
25200110	SODDING, SALT TOLERANT	SO YD	938	938				
25200200	SUPPLEMENTAL WATERING	UNIT	10	10				
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	460	460				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	94989	94989				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	213	213				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1835	1835				
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	15,612	15,612				
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	26	26				

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		80% FED 20% STATE	100% STATE		
			0005	0005			
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	13858	13858			
42001300	PROTECTIVE COAT	SO YD	3381	3381			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	230	230			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	18,700	18,700			
* 42400800	DETECTABLE WARNINGS	SO FT	1631	1631			
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	2003	2003			
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SO YD	139388	139388			
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	460	460			
44000600	SIDEWALK REMOVAL	SO FT	18,700	18,700			
44003100	MEDIAN REMOVAL	SO FT	81	81			
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	1000	1000			

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	PLOT DATE = 10/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
<b>GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - McCORMICK BOULEVARD)</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	3
CONTRACT NO. 62J54				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

\*= SPECIALTY ITEM

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE	100% STATE					CODE NO	ITEM		UNIT	80% FED 20% STATE	100% STATE			
			0005	0005								0005	0005					
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	1750	1750					• 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	217	217					
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	1750	1750					• 66900530	SOIL DISPOSAL ANALYSIS	EACH	8	8					
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	1500	1500					• 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	15	15					• 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1					
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	5	5					• 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5					
60255500	MANHOLES TO BE ADJUSTED	EACH	19	19					67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8					
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2	2					67100100	MOBILIZATION	L SUM	1	1					
60260100	INLETS TO BE ADJUSTED	EACH	2	2					70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1					
60262700	INLETS TO BE RECONSTRUCTED	EACH	3	3					70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1					
60266600	VALVE BOXES TO BE ADJUSTED	EACH	4	4					70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	5	5					70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	5	5					70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5	5														
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	25	25														
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	81	81														

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005					80% FED 20% STATE 0005		100% STATE 0005					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	70191	70191					* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2209	2209				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	23397	23397					* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	39	39				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	2627	2627					* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1620	1620				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	58761	58761					* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	115	115				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	9346	9346					* 78009012	MODIFIED URETHANE PAVEMENT MARKING- LINE 12"	FOOT	25	25				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2486	2486					* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1500	1500				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	2209	2209					78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1500	1500				
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	17548	17548					* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	7	7				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	2627	2627					* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	6415	6415				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	58761	58761					* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	10	10				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	9346	9346					* 89502376	REBUILD EXISTING HANDHOLE	EACH	15	15				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	660	660					X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2486	2486					X0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	3791	3791				
									* SPECIALTY ITEMS								

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - McCORMICK BOULEVARD)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	5
CONTRACT NO. 62J54				
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	100% STATE 0005			
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	2000		2000			
X6030310	FRAMES AND LIDS TO BE ADJUSTED ( SPECIAL )	EACH	100	100				
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	39948	39948				
X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	6	6				
• X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	7582	7582				
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	4080	4080				
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	75		75			
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	359.8	359.8				
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	81500	81500				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1				
Z0053600	RESET BENCH MONUMENT	EACH	1	1				
Z0064800	SELECTIVE CLEARING	UNIT	46	46				
∅ Z0076600	TRAINEES	HOUR	1000	1000				
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATES	HOUR	1000	1000				

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005			
* SPECIALTY ITEMS								

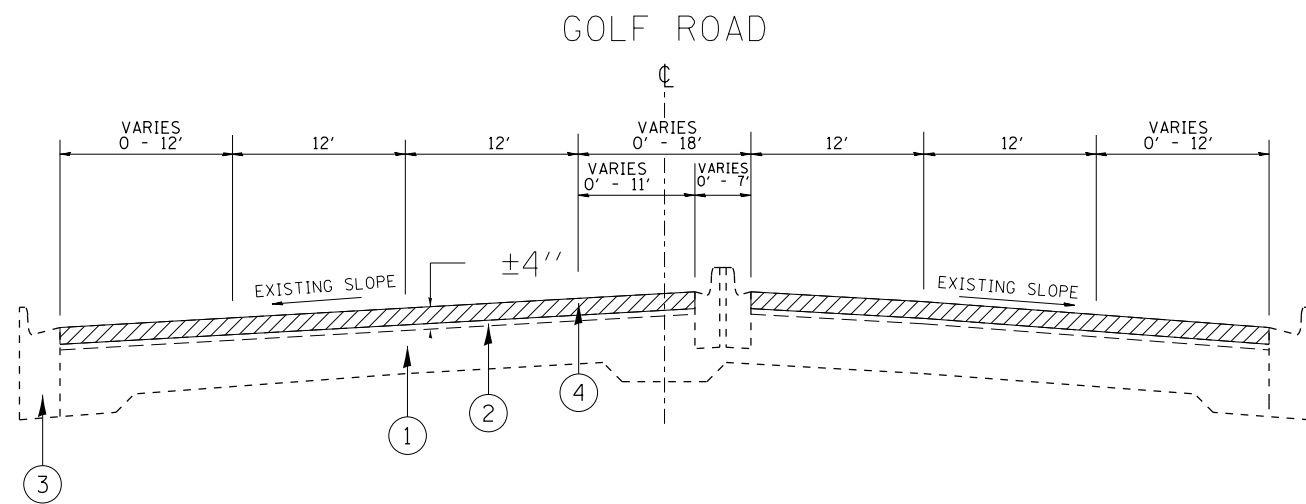
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

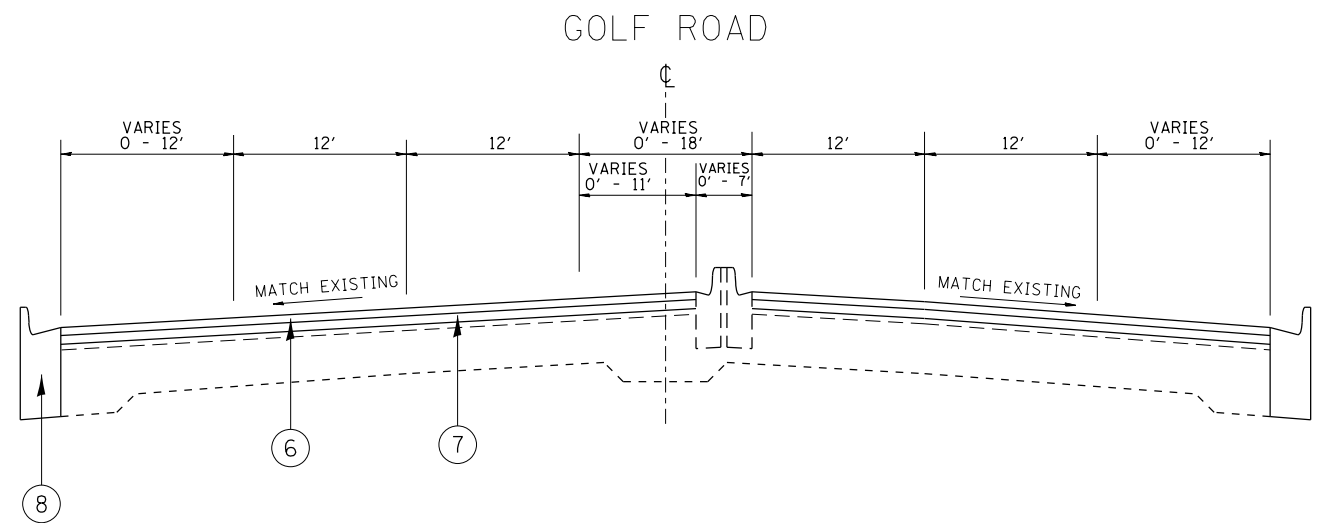
**SUMMARY OF QUANTITIES  
GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - McCORMICK BOULEVARD)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	6
CONTRACT NO. 62J54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION  
STA. 17+03 TO STA. 24+10



PROPOSED TYPICAL SECTION  
STA. 17+03 TO STA. 24+10

**ROADWAY NOTE:**

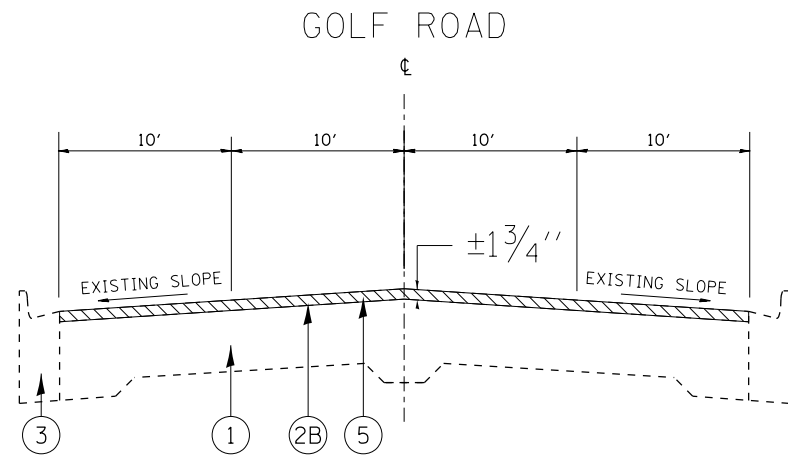
1. CONTRACTOR SHALL MILL FIRST BEFORE PATCHING
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BINDER IL-9.5 N70

MIXTURE REQUIREMENTS		AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE USES			
<b>PAVEMENT RESURFACING</b>			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80		3.5% AT 80 GYR.	<b>PFP</b>
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70		4.0% AT 70 GYR.	<b>QCP</b>
<b>PATCHING</b>			
CLASS D PATCHES (HMA BINDER, IL-19.0 mm)		4% AT 70 GYR.	<b>QC/QA</b>
<b>DRIVEWAY</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"		4% AT 50 GYR.	<b>QC/QA</b>
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); PE, 6"		4% AT 50 GYR.	<b>QC/QA</b>

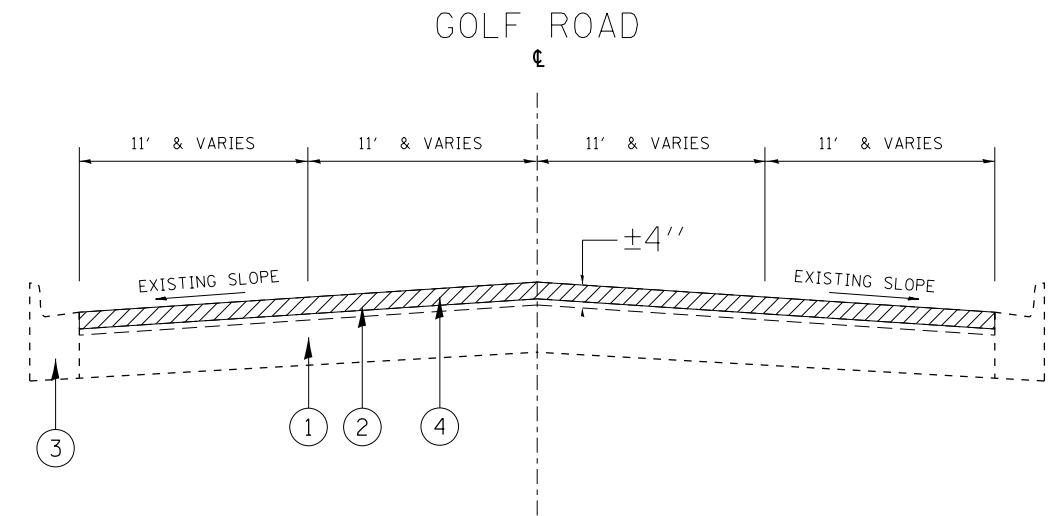
- LEGEND:**
- ① EXISTING PCC PAVEMENT, ±9"
  - ② EXISTING HMA SURFACE, ±4"
  - ③ EXISTING COMB. CURB AND GUTTER, TYPE B-6.24
  - ④ PROPOSED HMA SURFACE REMOVAL, 3¾"
  - ⑤ PROPOSED HMA SURFACE REMOVAL, 1¾"
  - ⑥ PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, IL-9.5, MIX "F", N80; 1¾"
  - ⑦ PROPOSED HMA BINDER COURSE, IL-9.5, N70; 2"
  - ⑧ PROPOSED COMB. CONC. CURB AND GUTTER REMOVAL & REPLACEMENT (AS DETERMINED BY THE ENGINEER)

- NOTE:**
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SOYD/IN
  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.
  3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
  4. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

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 DRAWING: 2019-069-R5&SW-TYPICAL SECTIONS  
 SHEET: 86 OF 86



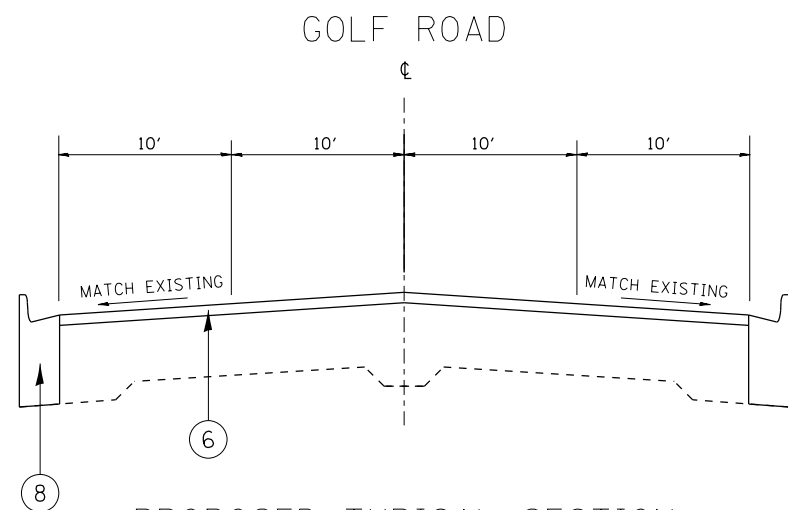
EXISTING TYPICAL SECTION  
STA. 24+10 TO STA. 28+71



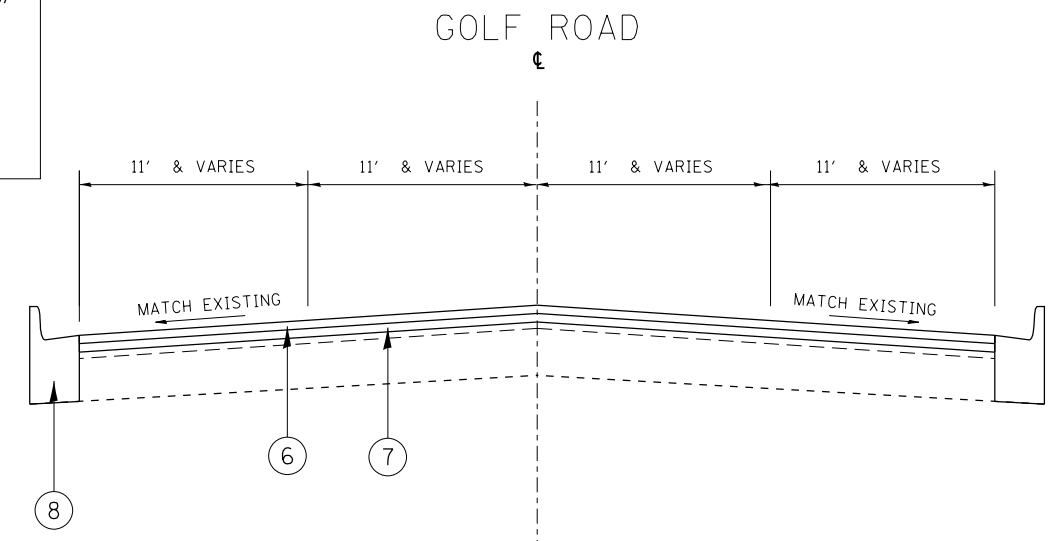
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STA. 63+38 TO STA. 80+67  
STA. 82+07 TO STA. 98+08  
STA. 184+06 TO STA. 205+42  
STA. 224+76 TO STA. 240+28  
STA. 246+11 TO STA. 255+93

**LEGEND**

- ① EXISTING PCC PAVEMENT, ±9"
- ② EXISTING HMA SURFACE, ±4"
- ②B EXISTING HMA SURFACE, ±1 3/4"
- ③ EXISTING COMB. CURB AND GUTTER, TYPE B-6.24
- ④ PROPOSED HMA SURFACE REMOVAL, 3 3/4"
- ⑤ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑥ PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, IL-9.5, MIX "F", N80; 1 3/4"
- ⑦ PROPOSED HMA BINDER COURSE, IL-9.5, N70"; 2'
- ⑧ PROPOSED COMB. CONC. CURB AND GUTTER REMOVAL & REPLACEMENT (AS DETERMINED BY THE ENGINEER)



PROPOSED TYPICAL SECTION  
STA. 24+10 TO STA. 28+71



PROPOSED TYPICAL SECTION  
STA. 28+71 TO STA. 62+22  
STA. 63+38 TO STA. 80+67  
STA. 82+07 TO STA. 98+08  
STA. 184+06 TO STA. 205+42  
STA. 224+76 TO STA. 240+28  
STA. 246+11 TO STA. 255+93

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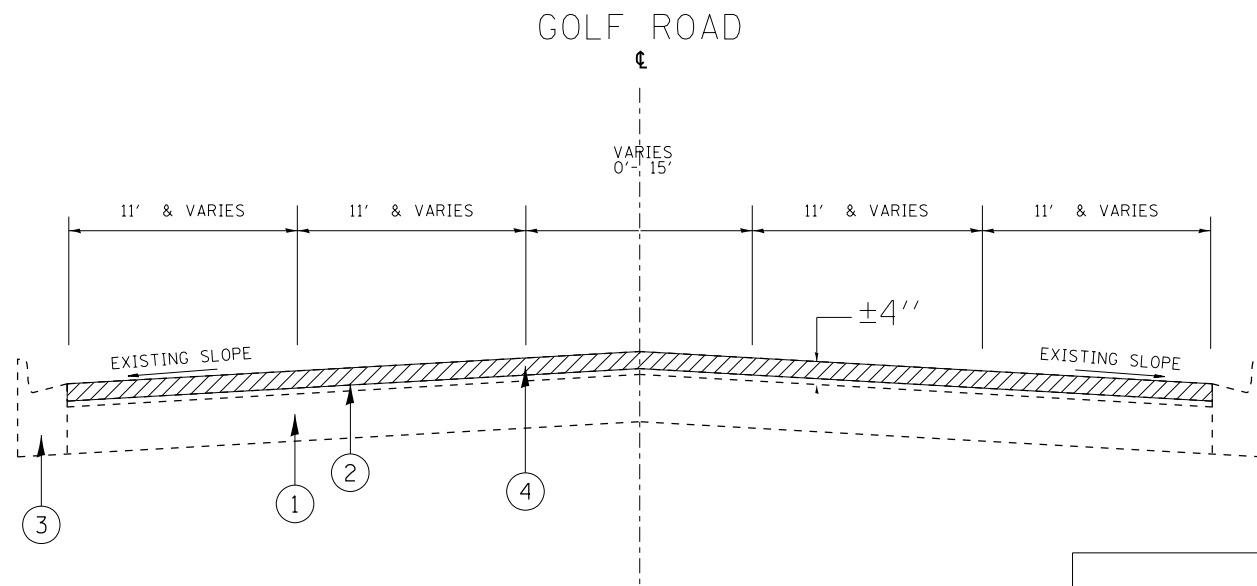
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

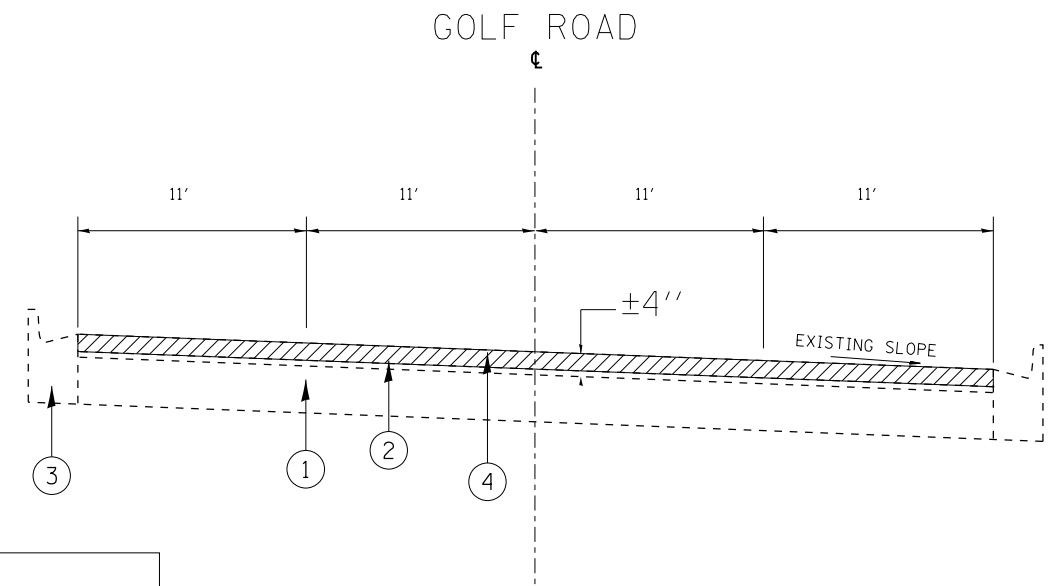
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<b>GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)</b>	
SCALE: 1" = 50'	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	8
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				





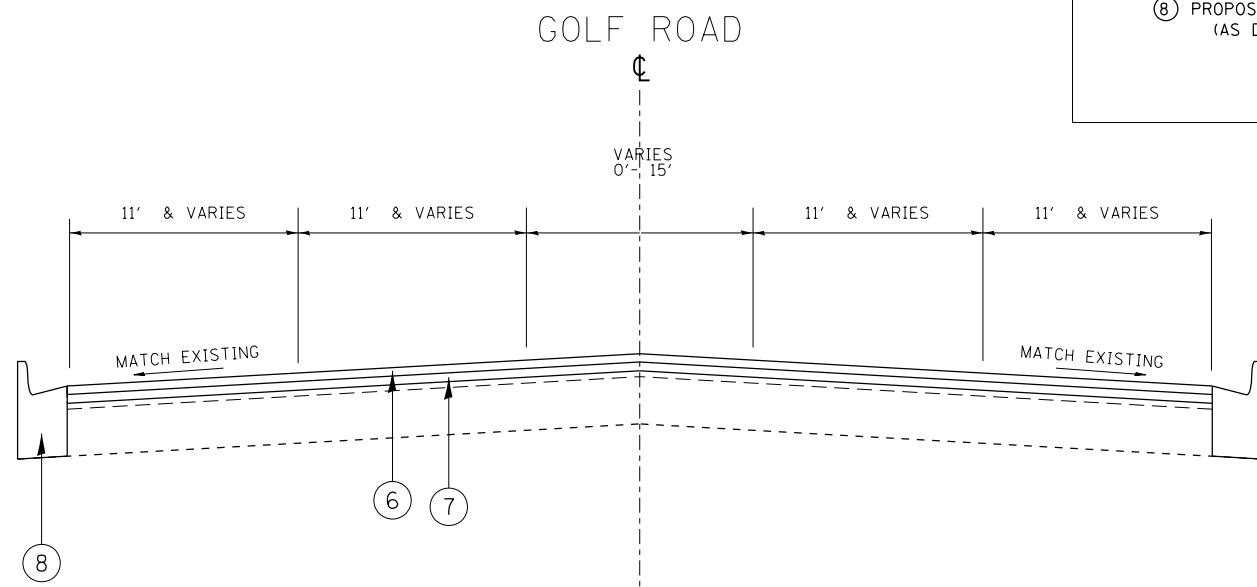
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 STA. 167+03 TO STA. 184+06  
 STA. 205+42 TO STA. 224+76  
 STA. 255+93 TO STA. 264+63



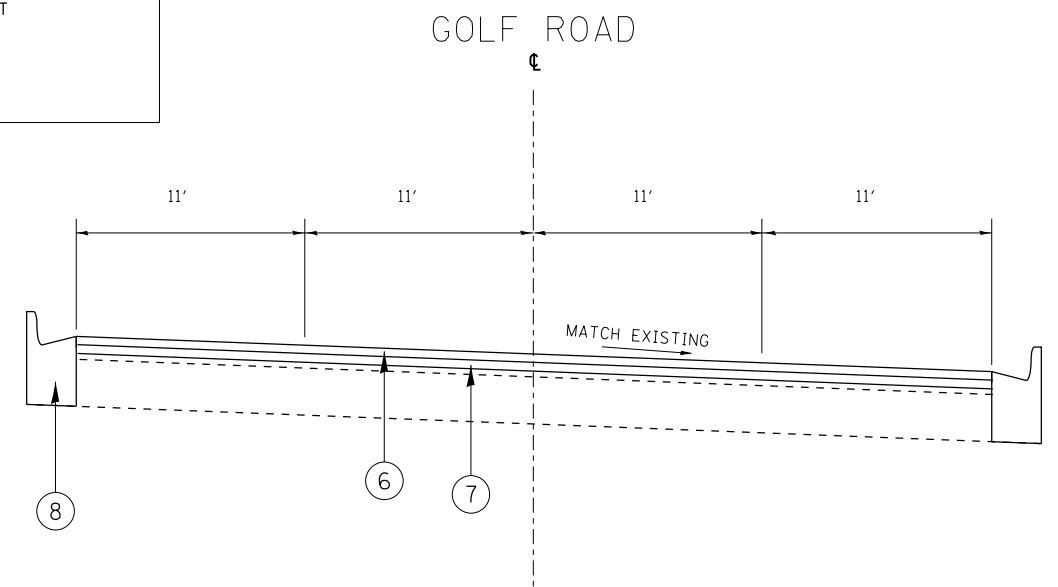
EXISTING TYPICAL SECTION  
 STA. 240+28 TO STA. 246+11

**LEGEND**

- ① EXISTING PCC PAVEMENT, ±9"
- ② EXISTING HMA SURFACE, ±4"
- ③ EXISTING COMB. CURB AND GUTTER, TYPE B-6.24
- ④ PROPOSED HMA SURFACE REMOVAL, 3¾"
- ⑤ PROPOSED HMA SURFACE REMOVAL, 1¾"
- ⑥ PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, IL-9.5, MIX "F", N80; 1¾"
- ⑦ PROPOSED HMA BINDER COURSE, IL-9.5, N70"; 2'
- ⑧ PROPOSED COMB. CONC. CURB AND GUTTER REMOVAL & REPLACEMENT (AS DETERMINED BY THE ENGINEER)



PROPOSED TYPICAL SECTION  
 STA. 176+95 TO STA. 184+06  
 STA. 205+42 TO STA. 224+76  
 STA. 255+93 TO STA. 264+63



PROPOSED TYPICAL SECTION  
 STA. 240+28 TO STA. 246+11

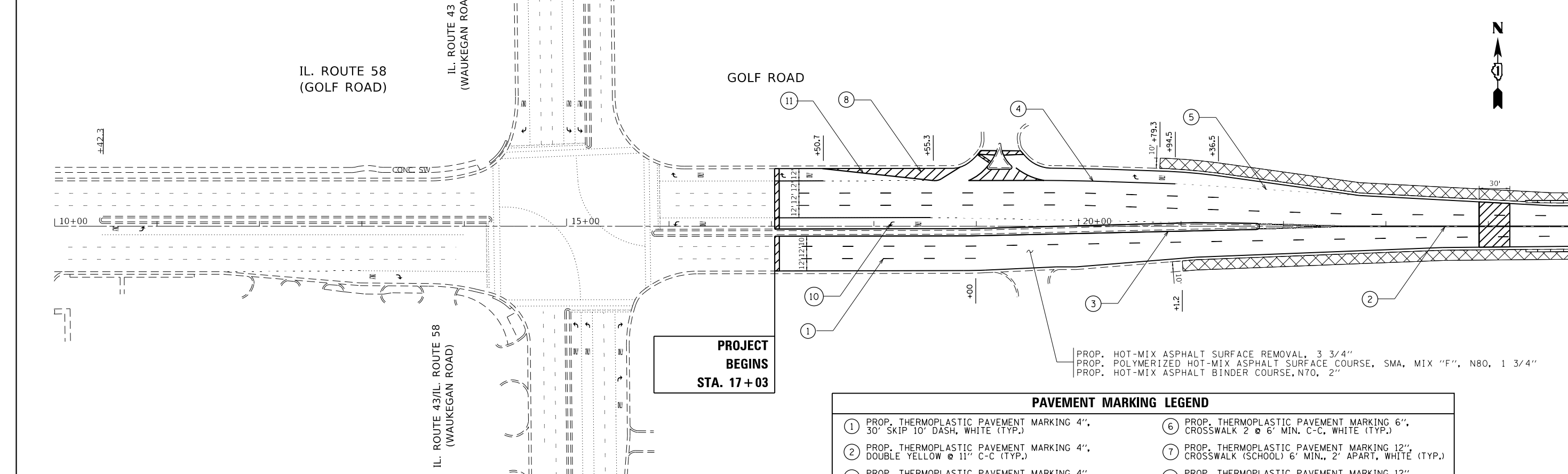
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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>	
<b>GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)</b>	
SCALE: 1" = 50'	SHEET OF SHEETS STA. TO STA.

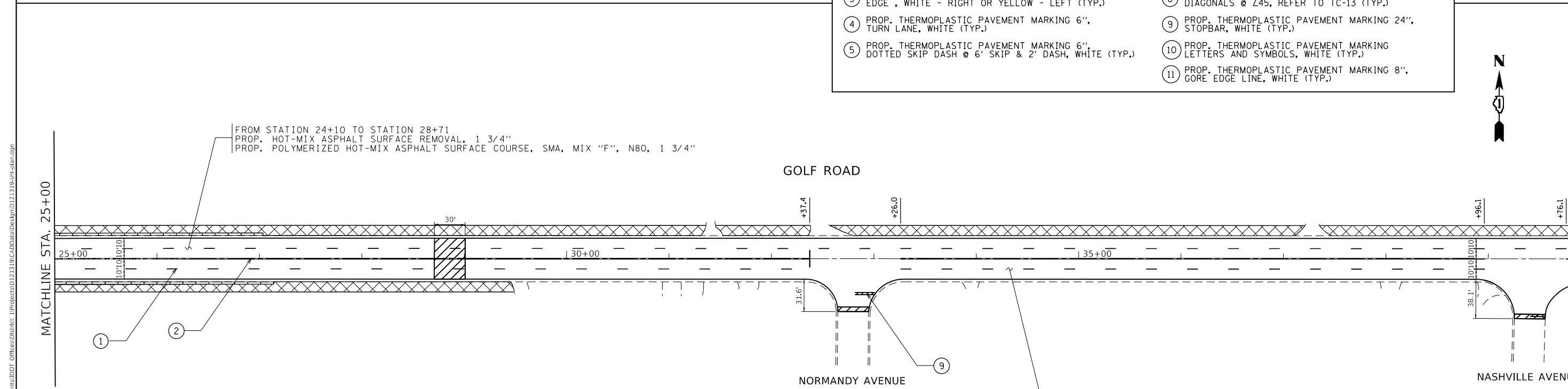
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	9
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**PROJECT  
BEGINS  
STA. 17+03**

PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
 PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

PAVEMENT MARKING LEGEND	
① PROP. THERMOPLASTIC PAVEMENT MARKING 4", 30' SKIP 10' DASH, WHITE (TYP.)	⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)
② PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)	⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 12", CROSSWALK (SCHOOL) 6' MIN., 2' APART, WHITE (TYP.)
③ PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE, WHITE - RIGHT OR YELLOW - LEFT (TYP.)	⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 12", DIAGONALS @ 45, REFER TO TC-13 (TYP.)
④ PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.)	⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.)
⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.)	⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
	⑪ PROP. THERMOPLASTIC PAVEMENT MARKING 8", GORE EDGE LINE, WHITE (TYP.)



FROM STATION 24+10 TO STATION 28+71  
 PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"

PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
 PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

**ROADWAY LEGEND**

- PROP. HMA SURFACE REMOVAL BUTT JOINT 4.5 FT (TYP)
- PROP. SELECTIVE CLEARING

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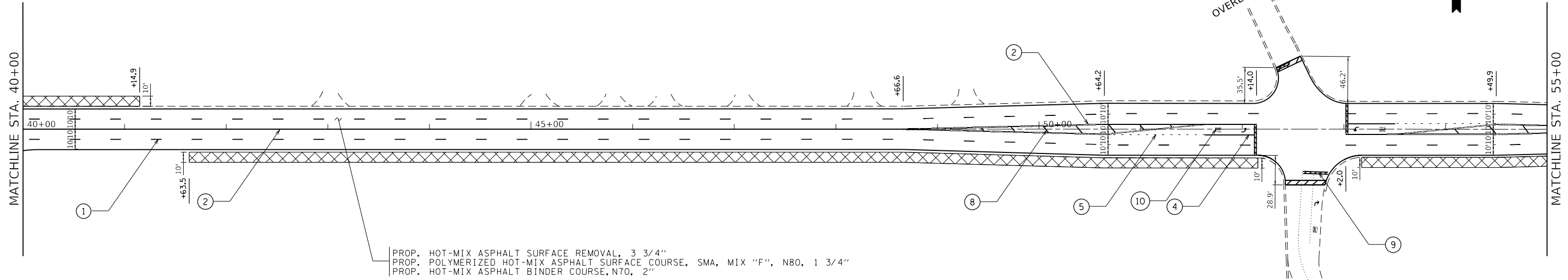
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN  
GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	10
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

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

GOLF ROAD

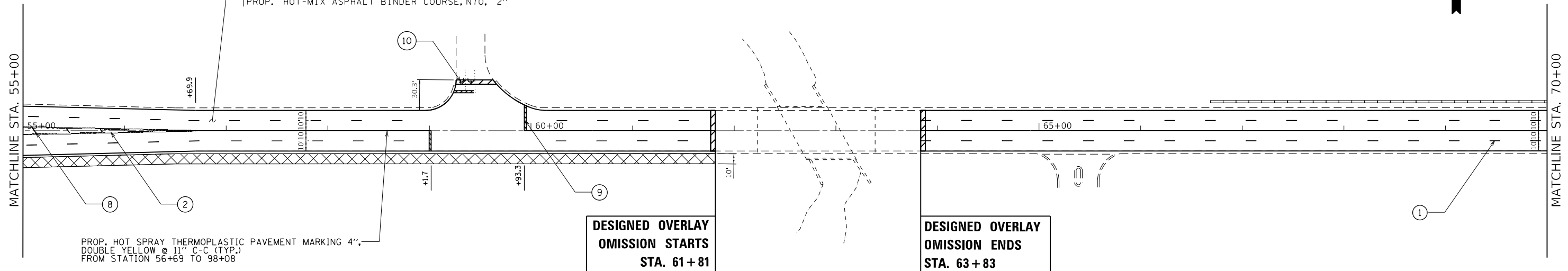


PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
 PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

PAVEMENT MARKING LEGEND

- |   |  |
|---|--|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING 4", 30' SKIP 10' DASH, WHITE (TYP.)                    | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)             |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                     | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 12", CROSSWALK (SCHOOL) 6' MIN., 2' APART, WHITE (TYP.) |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE, WHITE - RIGHT OR YELLOW - LEFT (TYP.)        | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 12", DIAGONALS @ 45, REFER TO TC-13 (TYP.)              |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.)                            | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.)                              |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)                       |

GOLF ROAD



PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
 PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.) FROM STATION 56+69 TO 98+08

DESIGNED OVERLAY OMISSION STARTS STA. 61+81

DESIGNED OVERLAY OMISSION ENDS STA. 63+83

ROADWAY LEGEND

- PROP. HMA SURFACE REMOVAL BUTT JOINT 4.5 FT (TYP)
- PROP. SELECTIVE CLEARING

ROADWAY NOTES

PROPOSED CENTER LINE RUMBLE STRIPS, 16" ARE FROM STATION 56+69 TO 98+08, REFER TO BD-55.  
 HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SHALL BE USED OVER THE CENTER LINE RUMBLE STRIPS.

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PLOT DATE = 10/18/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN  
 GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)  
 SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J54	

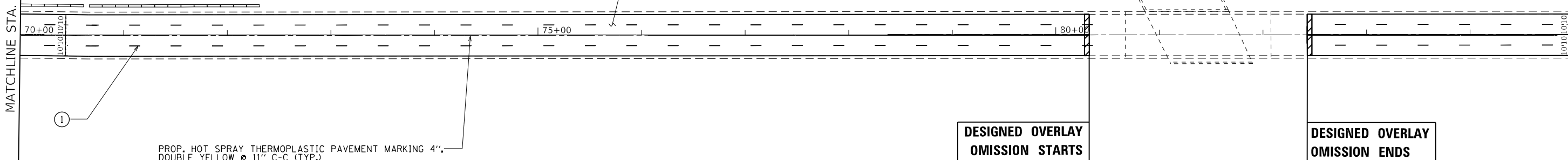


GOLF ROAD

PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

MATCHLINE STA. 70+00

MATCHLINE STA. 85+00



PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4",  
DOUBLE YELLOW @ 11" C-C (TYP.)

DESIGNED OVERLAY  
OMISSION STARTS  
STA. 80+32

DESIGNED OVERLAY  
OMISSION ENDS  
STA. 82+41

PAVEMENT MARKING LEGEND

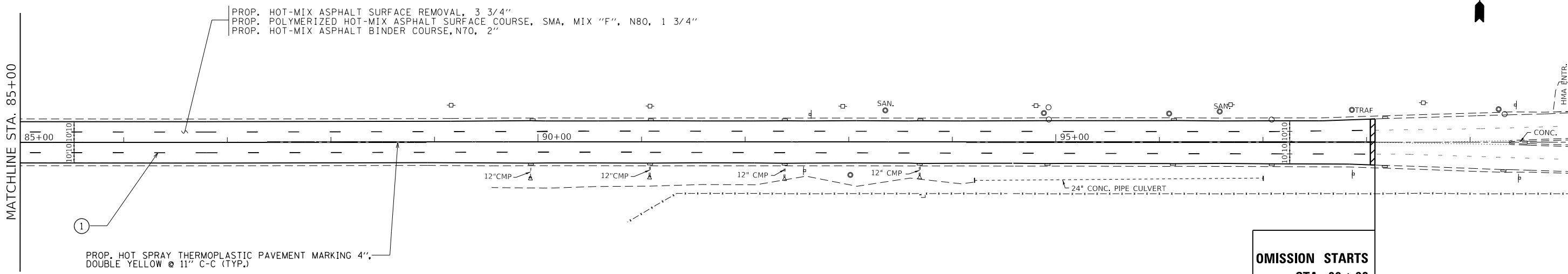
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|--|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING 4",<br>30' SKIP 10' DASH, WHITE (TYP.)                    | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6",<br>CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)             |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING 4",<br>DOUBLE YELLOW @ 11" C-C (TYP.)                     | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 12",<br>CROSSWALK (SCHOOL) 6' MIN., 2' APART, WHITE (TYP.) |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING 4",<br>EDGE, WHITE - RIGHT OR YELLOW - LEFT (TYP.)        | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 12",<br>DIAGONALS @ 45, REFER TO TC-13 (TYP.)              |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING 6",<br>TURN LANE, WHITE (TYP.)                            | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 24",<br>STOPBAR, WHITE (TYP.)                              |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6",<br>DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING<br>LETTERS AND SYMBOLS, WHITE (TYP.)                       |

GOLF ROAD

PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

MATCHLINE STA. 85+00

MATCHLINE STA. 100+00



PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4",  
DOUBLE YELLOW @ 11" C-C (TYP.)

OMISSION STARTS  
STA. 98+08

ROADWAY LEGEND

▨ PROP. HMA SURFACE REMOVAL BUTT JOINT 4.5 FT (TYP)

ROADWAY NOTES:

PROPOSED CENTER LINE RUMBLE STRIPS, 16" ARE FROM STATION  
56+69 TO 98+08, REFER TO BD-55.  
HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SHALL BE  
USED OVER THE CENTER LINE RUMBLE STRIPS.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

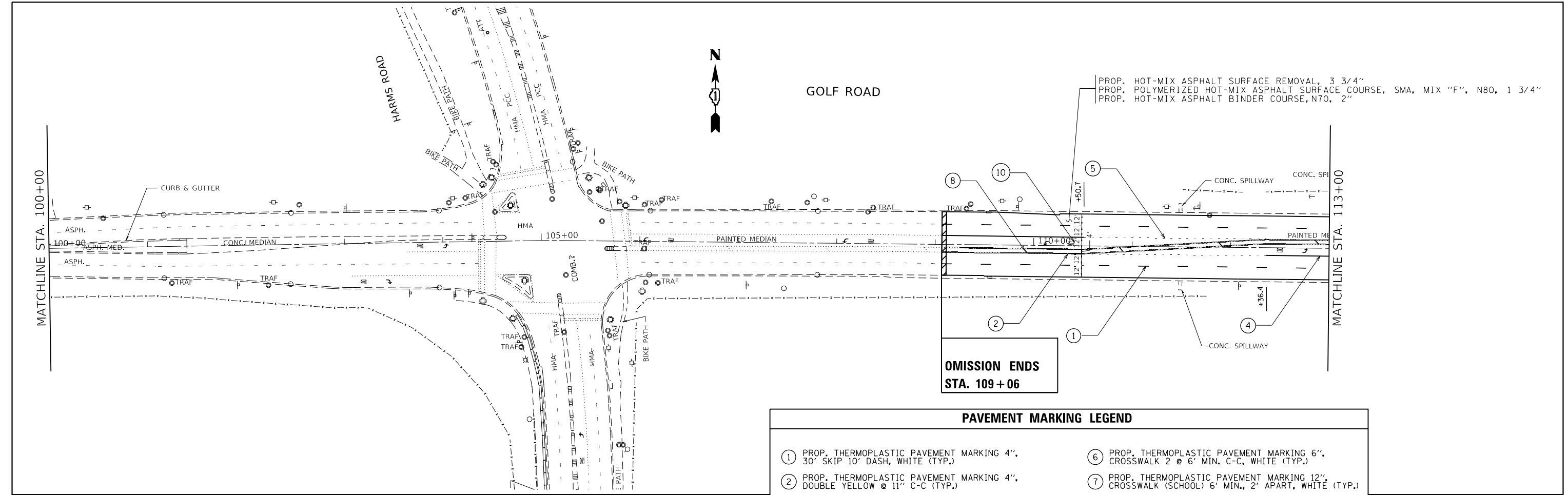
EXISTING AND PROPOSED ROADWAY PLAN  
GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	12
			CONTRACT NO. 62J54	
		ILLINOIS	FED. AID PROJECT	

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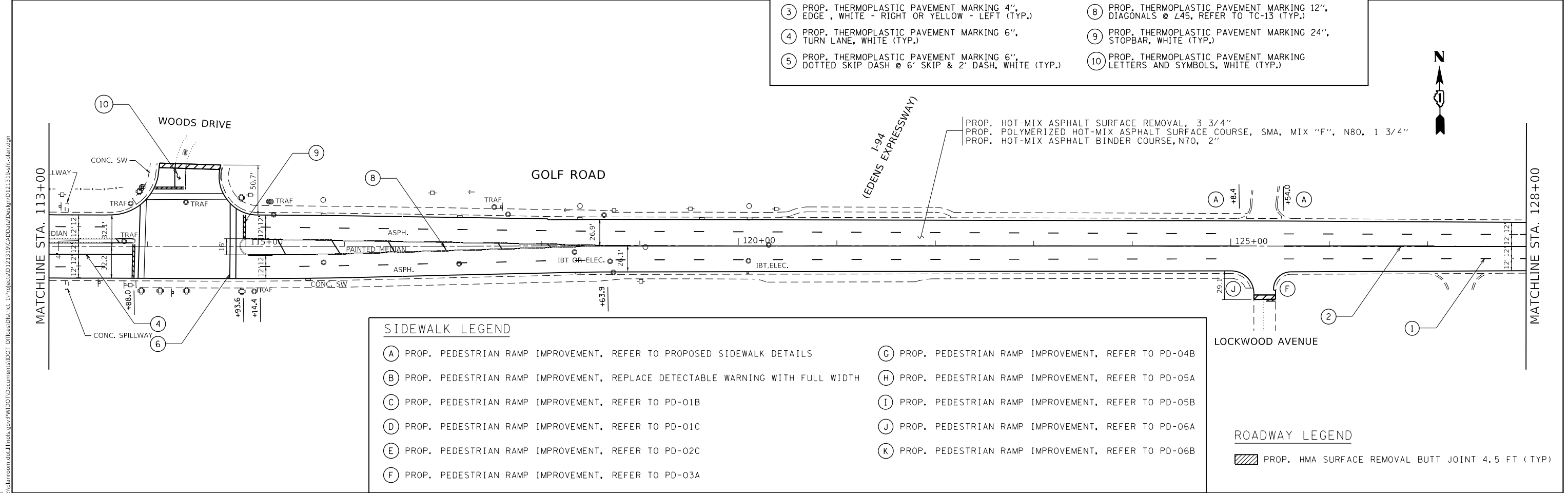
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	DATE -	REVISED -

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**OMISSION ENDS  
STA. 109+06**

PAVEMENT MARKING LEGEND	
① PROP. THERMOPLASTIC PAVEMENT MARKING 4", 30' SKIP 10' DASH, WHITE (TYP.)	⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)
② PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)	⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 12", CROSSWALK (SCHOOL) 6' MIN., 2' APART, WHITE (TYP.)
③ PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE, WHITE - RIGHT OR YELLOW - LEFT (TYP.)	⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 12", DIAGONALS @ 45, REFER TO TC-13 (TYP.)
④ PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.)	⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.)
⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.)	⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)



SIDEWALK LEGEND	
(A) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS	(G) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B
(B) PROP. PEDESTRIAN RAMP IMPROVEMENT, REPLACE DETECTABLE WARNING WITH FULL WIDTH	(H) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-05A
(C) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-01B	(I) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-05B
(D) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-01C	(J) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-06A
(E) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-02C	(K) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-06B
(F) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-03A	

ROADWAY LEGEND	
	PROP. HMA SURFACE REMOVAL BUTT JOINT 4.5 FT (TYP)

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 OFFICE: 11319-069-R5&SW  
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 DATE: 10/18/2019

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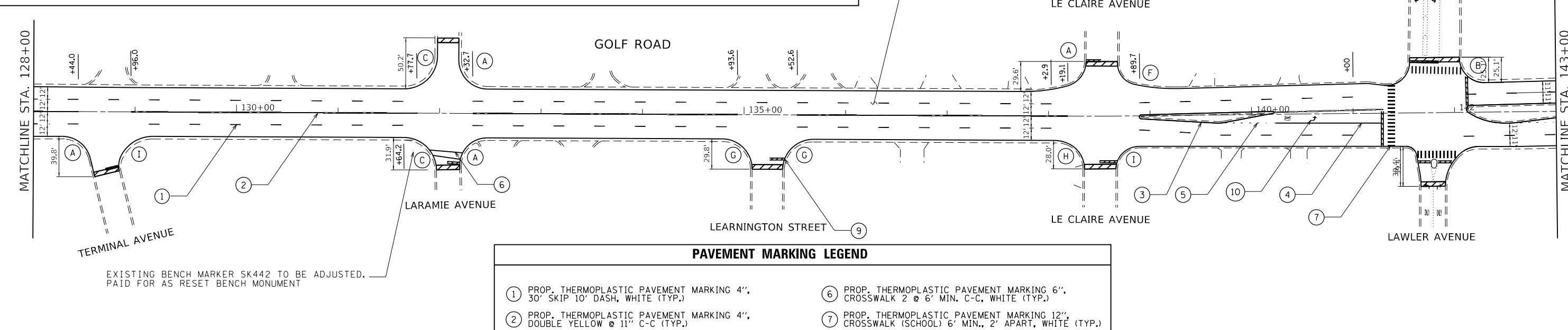
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED ROADWAY PLAN			
GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.
1" = 50'			

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	13
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

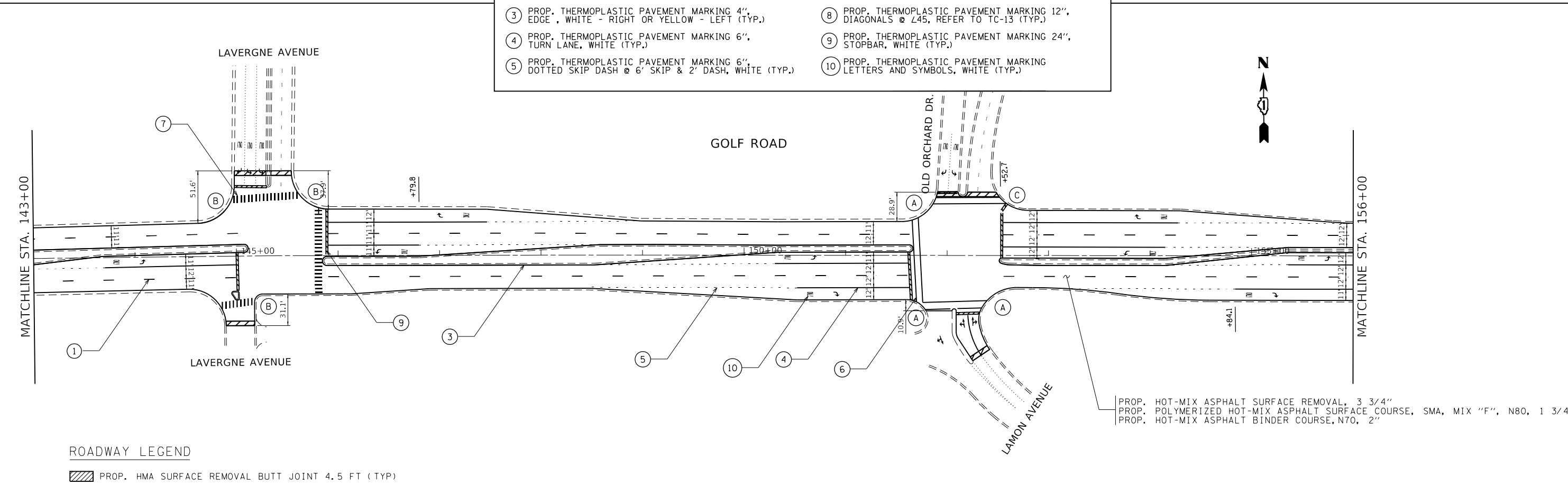
**SIDEWALK LEGEND**

- |   |  |
|---|--|
| (A) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS         | (G) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B |
| (B) PROP. PEDESTRIAN RAMP IMPROVEMENT, REPLACE DETECTABLE WARNING WITH FULL WIDTH | (H) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-05A |
| (C) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-01B                            | (I) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-05B |
| (D) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-01C                            | (J) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-06A |
| (E) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-02C                            | (K) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-06B |
| (F) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-03A                            |  |



**PAVEMENT MARKING LEGEND**

- |   |  |
|---|--|
| (1) PROP. THERMOPLASTIC PAVEMENT MARKING 4", 30' SKIP 10' DASH, WHITE (TYP.)                    | (6) PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)             |
| (2) PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                     | (7) PROP. THERMOPLASTIC PAVEMENT MARKING 12", CROSSWALK (SCHOOL) 6' MIN., 2' APART, WHITE (TYP.) |
| (3) PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE, WHITE - RIGHT OR YELLOW - LEFT (TYP.)        | (8) PROP. THERMOPLASTIC PAVEMENT MARKING 12", DIAGONALS @ 45, REFER TO TC-13 (TYP.)              |
| (4) PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.)                            | (9) PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.)                              |
| (5) PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.) | (10) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)                      |



**ROADWAY LEGEND**

- ▨ PROP. HMA SURFACE REMOVAL BUTT JOINT 4.5 FT (TYP)

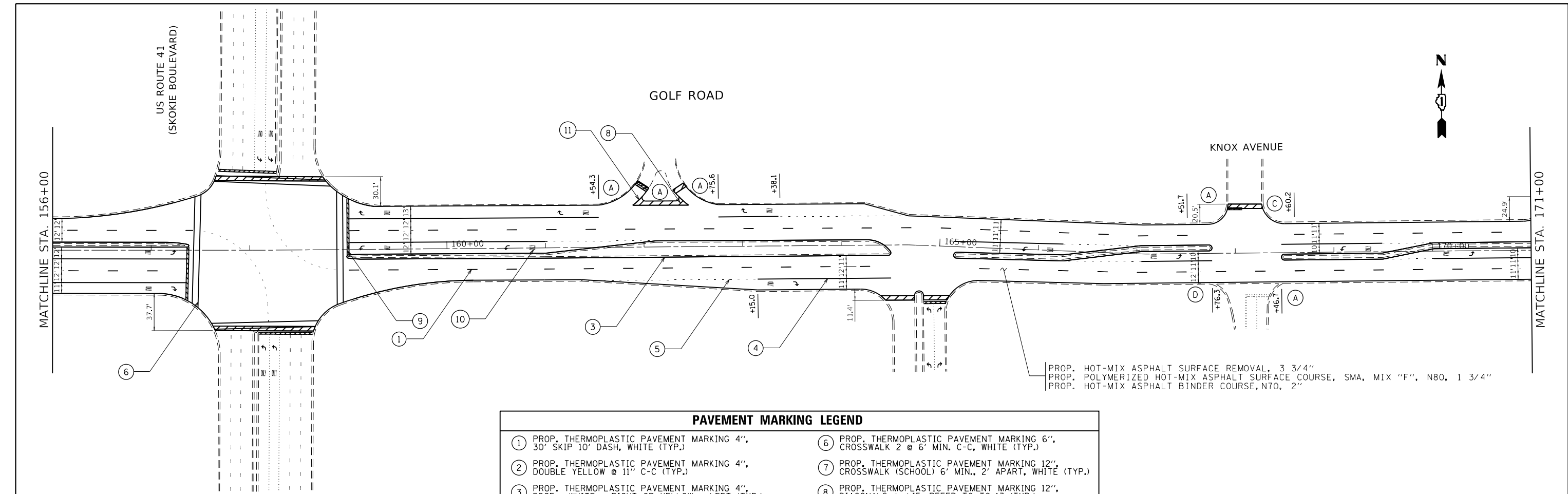
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

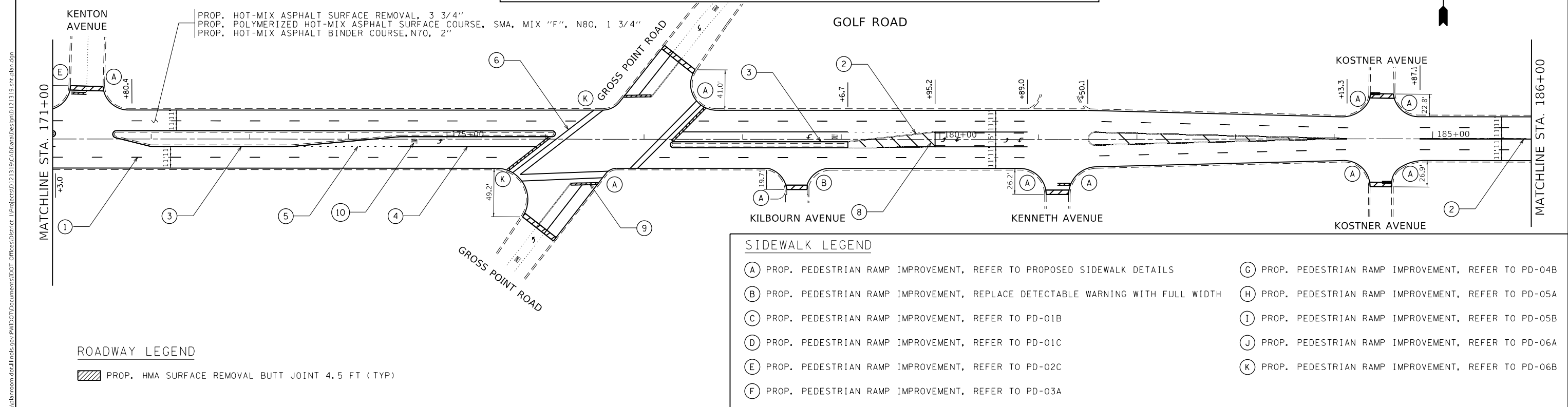
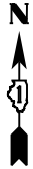
**EXISTING AND PROPOSED ROADWAY PLAN**  
**GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**  
 SCALE: 1" = 50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	14
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	
① PROP. THERMOPLASTIC PAVEMENT MARKING 4", 30' SKIP 10' DASH, WHITE (TYP.)	⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)
② PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)	⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 12", CROSSWALK (SCHOOL) 6' MIN., 2' APART, WHITE (TYP.)
③ PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE, WHITE - RIGHT OR YELLOW - LEFT (TYP.)	⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 12", DIAGONALS @ 45, REFER TO TC-13 (TYP.)
④ PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.)	⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.)
⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.)	⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
	⑪ PROP. THERMOPLASTIC PAVEMENT MARKING 8", GORE EDGE LINE, WHITE (TYP.)

NOTES:  
 TWO WAY LEFT TURN LANE MARKINGS  
 PROP. THERMOPLASTIC PAVEMENT MARKING 4"  
 SKIP DASH (30' SKIP 10' DASH) AND SOLID LINES  
 5 1/2" C-C, YELLOW, SEE TC-13



**ROADWAY LEGEND**  
 PROP. HMA SURFACE REMOVAL BUTT JOINT 4.5 FT (TYP.)

SIDEWALK LEGEND	
(A) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS	(G) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B
(B) PROP. PEDESTRIAN RAMP IMPROVEMENT, REPLACE DETECTABLE WARNING WITH FULL WIDTH	(H) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-05A
(C) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-01B	(I) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-05B
(D) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-01C	(J) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-06A
(E) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-02C	(K) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-06B
(F) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-03A	

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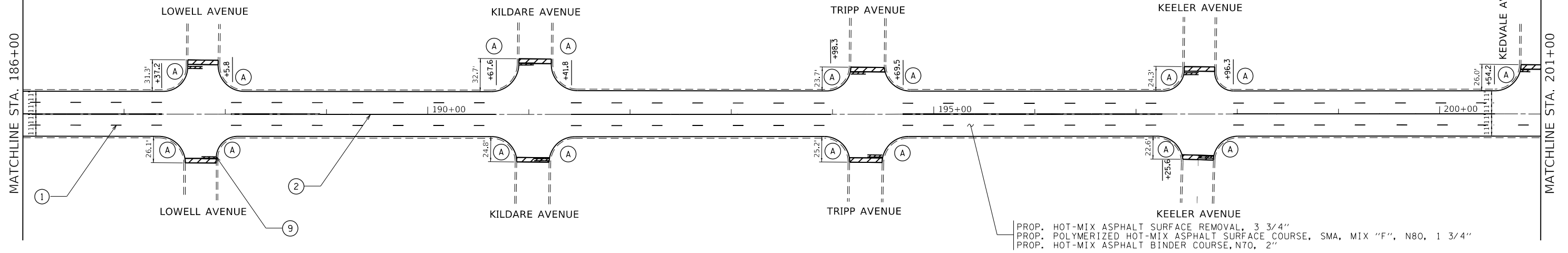
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN  
 GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	15
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

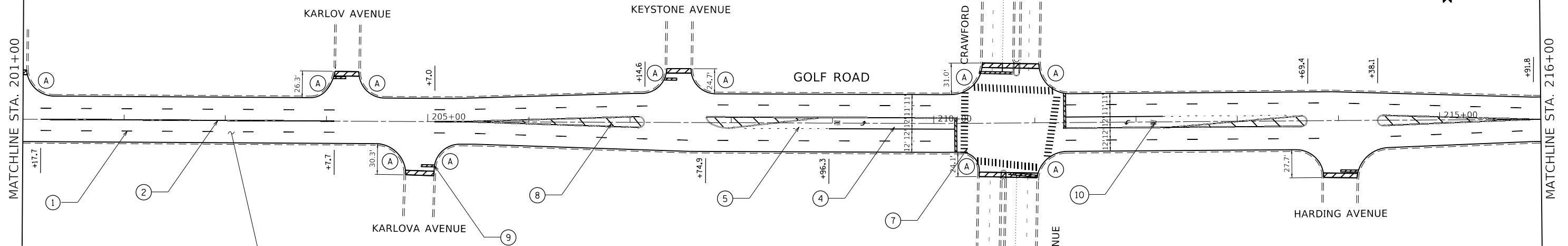
GOLF ROAD



PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
 PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

PAVEMENT MARKING LEGEND

- |   |  |
|---|--|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING 4", 30' SKIP 10' DASH, WHITE (TYP.)                    | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)             |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                     | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 12", CROSSWALK (SCHOOL) 6' MIN., 2' APART, WHITE (TYP.) |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE, WHITE - RIGHT OR YELLOW - LEFT (TYP.)        | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 12", DIAGONALS @ 45, REFER TO TC-13 (TYP.)              |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.)                            | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.)                              |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)                       |



PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
 PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

SIDEWALK LEGEND

- Ⓐ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS

ROADWAY LEGEND

- ▨ PROP. HMA SURFACE REMOVAL BUTT JOINT 4.5 FT (TYP.)

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN  
 GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	16
			CONTRACT NO. 62J54	
ILLINOIS FED. AID PROJECT				

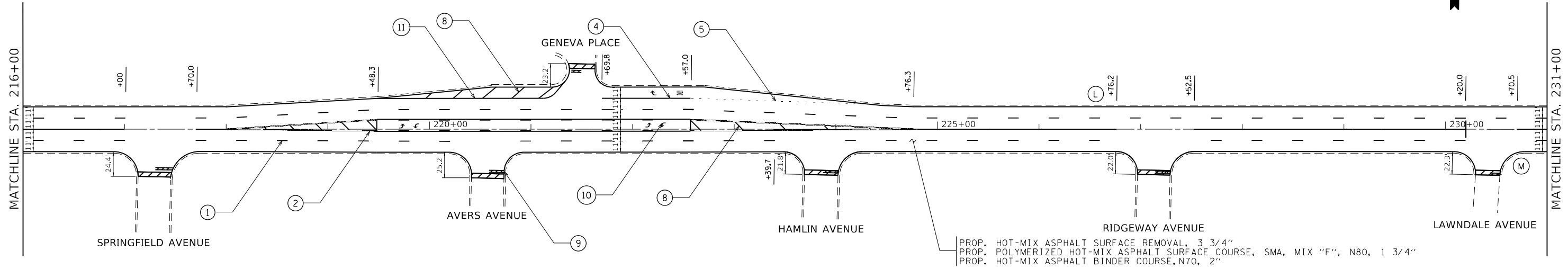
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	DATE -	REVISED -



GOLF ROAD

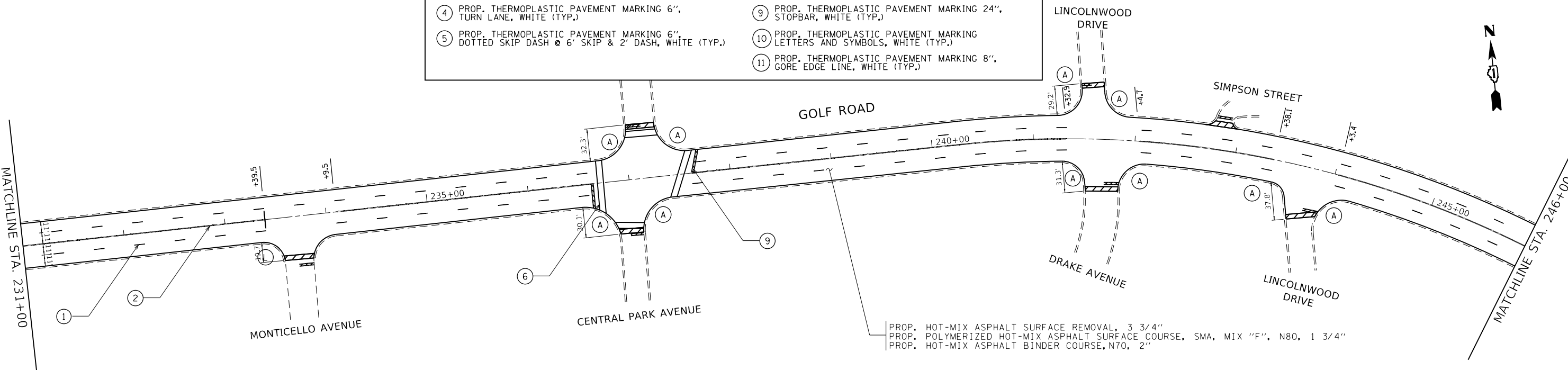


NOTES:

TWO WAY LEFT TURN LANE MARKINGS  
 PROP. THERMOPLASTIC PAVEMENT MARKING 4"  
 SKIP DASH (30' SKIP 10' DASH) AND SOLID LINES  
 5 1/2" C-C, YELLOW, SEE TC-13

PAVEMENT MARKING LEGEND

- |  |   |
|--|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING 4",<br>30' SKIP 10' DASH, WHITE (TYP.)                    | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6",<br>CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)             |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING 4",<br>DOUBLE YELLOW @ 11" C-C (TYP.)                     | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 12",<br>CROSSWALK (SCHOOL) 6' MIN., 2' APART, WHITE (TYP.) |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING 4",<br>EDGE, WHITE - RIGHT OR YELLOW - LEFT (TYP.)        | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 12",<br>DIAGONALS @ 45°, REFER TO TC-13 (TYP.)             |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING 6",<br>TURN LANE, WHITE (TYP.)                            | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 24",<br>STOPBAR, WHITE (TYP.)                              |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6",<br>DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING<br>LETTERS AND SYMBOLS, WHITE (TYP.)                       |
|  | ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING 8",<br>GORE EDGE LINE, WHITE (TYP.)                        |



SIDEWALK LEGEND

- (A) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS  
 (L) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-02B  
 (M) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04A

ROADWAY LEGEND

- (Hatched box) PROP. HMA SURFACE REMOVAL BUTT JOINT 4.5 FT (TYP)

PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
 PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

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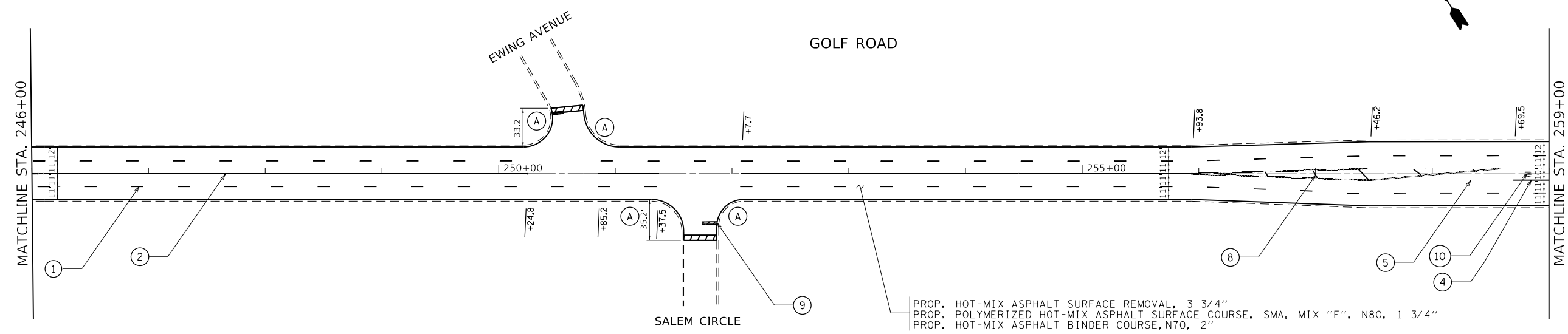
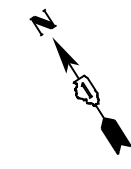
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN  
 GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)

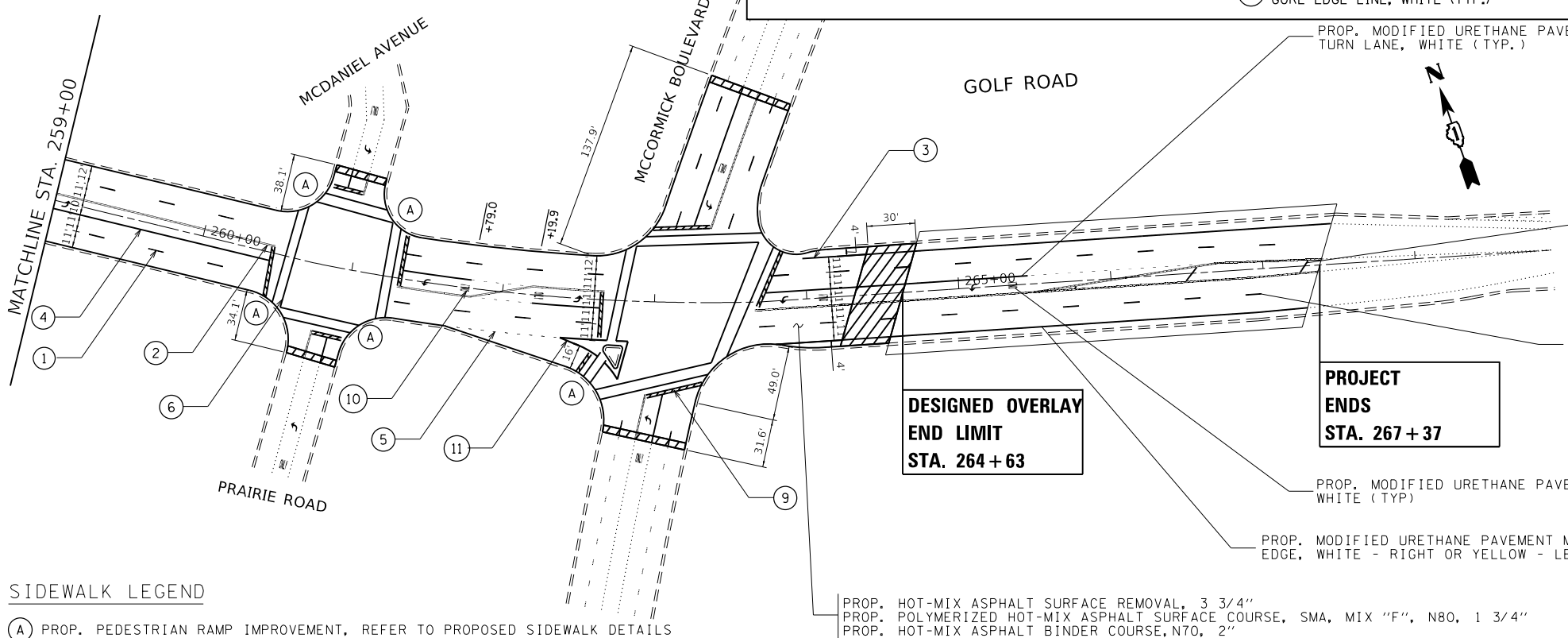
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J54	



PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
 PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

PAVEMENT MARKING LEGEND	
① PROP. THERMOPLASTIC PAVEMENT MARKING 4", 30' SKIP 10' DASH, WHITE (TYP.)	⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)
② PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)	⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 12", CROSSWALK (SCHOOL) 6' MIN., 2' APART, WHITE (TYP.)
③ PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE, WHITE - RIGHT OR YELLOW - LEFT (TYP.)	⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 12", DIAGONALS @ 45, REFER TO TC-13 (TYP.)
④ PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.)	⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.)
⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.)	⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
	⑪ PROP. THERMOPLASTIC PAVEMENT MARKING 8", GORE EDGE LINE, WHITE (TYP.)



PROP. MODIFIED URETHANE PAVEMENT MARKING - LINE 6" TURN LANE, WHITE (TYP.)

PROP. MODIFIED URETHANE PAVEMENT MARKING - LINE 12" DIAGONALS @ 45 DEGREES, REFER TO TC-13 (TYP.)

PROP. MODIFIED URETHANE PAVEMENT MARKING - LINE 4" 30' SKIP 10' DASH, WHITE (TYP.)

**PROJECT ENDS STA. 267+37**

PROP. MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS WHITE (TYP.)

PROP. MODIFIED URETHANE PAVEMENT MARKING - LINE 4" EDGE, WHITE - RIGHT OR YELLOW - LEFT (TYP.)

PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", N80, 1 3/4"  
 PROP. HOT-MIX ASPHALT BINDER COURSE, N70, 2"

**SIDEWALK LEGEND**  
 (A) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS

**ROADWAY LEGEND**  
 PROP. HMA SURFACE REMOVAL BUTT JOINT 4.5 FT (TYP.)

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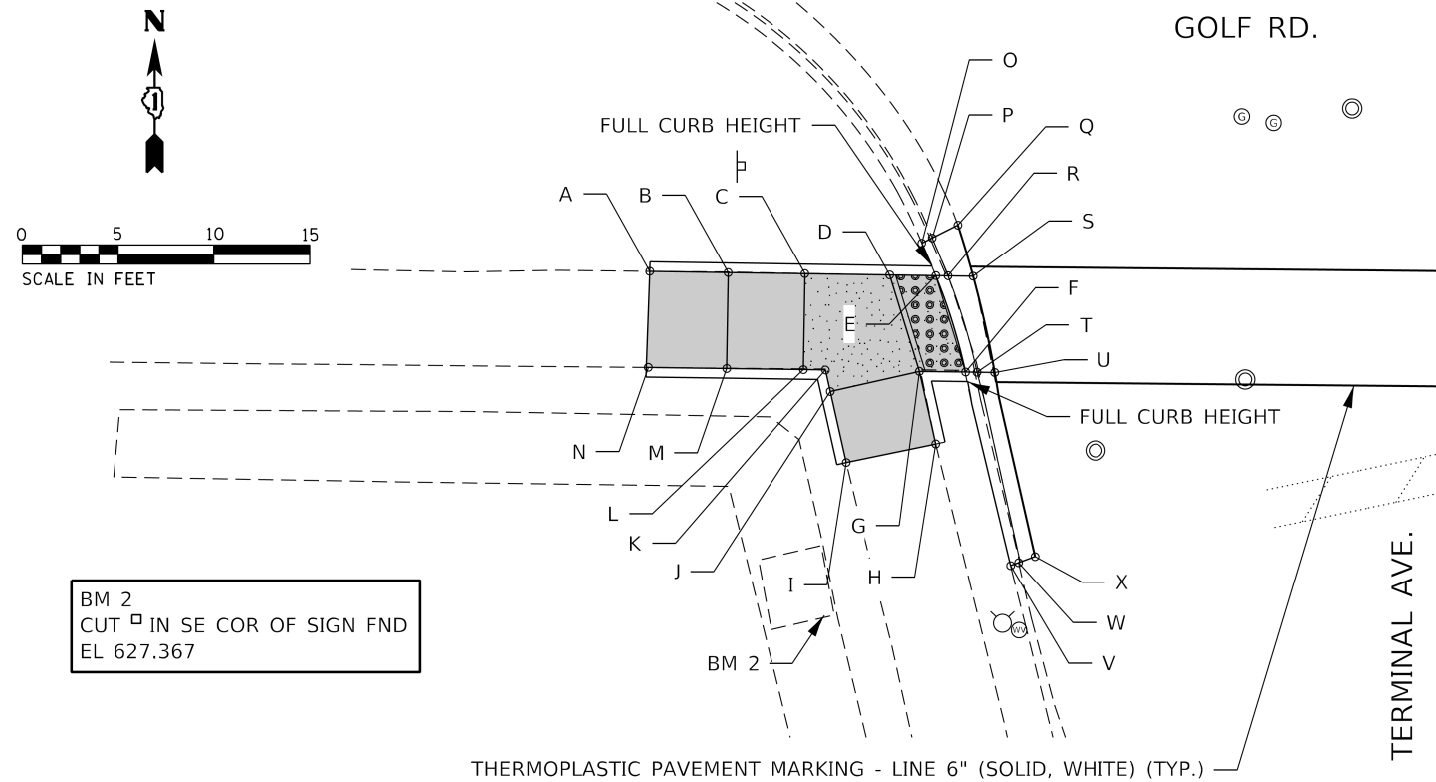
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN  
 GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**  
 SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2019-069-R5&SW		86	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J54	





BM 2  
CUT  $\square$  IN SE COR OF SIGN FND  
EL 627.367

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID, WHITE) (TYP.)



SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	4.08	1.23
A-N	5.00	3.00
B-C	4.00	3.50
B-M	5.00	1.40
C-D	4.42	0.00
C-L	5.00	0.20
D-E	2.41	0.00
D-G	5.26	0.76
E-F	5.25	1.33
F-G	2.40	1.25
G-H	3.87	0.77
G-J	4.77	0.63
H-I	4.77	0.00
I-J	3.79	0.00
J-K	1.15	0.00
K-L	1.15	0.00
L-M	4.00	2.00
M-N	4.19	3.10

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
A	627.02	627.02	1963233.47	1140553.50
B	627.09	627.07	1963233.40	1140557.58
C	627.24	626.93	1963233.34	1140561.58
D	627.20	626.93	1963233.28	1140566.00
E	627.20	626.93	1963233.24	1140568.41
F	626.92	626.86	1963228.22	1140569.96
G	627.05	626.89	1963228.26	1140567.56
H	626.92	626.92	1963224.48	1140568.41
I	626.92	626.92	1963223.51	1140563.74
J	627.16	626.92	1963227.21	1140562.91
K	627.23	626.92	1963228.33	1140562.65
L	627.18	626.92	1963228.35	1140561.50
M	627.07	627.00	1963228.41	1140557.50
N	626.87	626.87	1963228.46	1140553.32
O	627.53	627.53	1963234.93	1140567.68
P	627.10	627.10	1963235.20	1140568.22
Q	627.18	627.18	1963235.88	1140569.56
R	627.00	626.89	1963233.23	1140569.04
S	627.02	626.94	1963233.21	1140570.36
T	626.77	626.82	1963228.21	1140570.56
U	626.74	626.82	1963228.20	1140571.48
V	626.34	626.34	1963218.15	1140572.31
W	626.20	626.20	1963218.30	1140572.73
X	626.28	626.28	1963218.62	1140573.59

INTENTIONALLY LEFT BLANK

ADA-2

CONTROL POINT: 3  
ELEVATION: 625.29  
NORTHING: 1963232.87  
EASTING: 1140510.06  
DESCRIPTION: CUT CROSS IN S WALK OF GOLF RD. W OF TERMINAL AVE.

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: 4  
ELEVATION: 625.03  
NORTHING: 1963165.43  
EASTING: 1140578.80  
DESCRIPTION: CUT CROSS IN W. WALK OF TERMINAL AVE. S. OF GOLF RD.

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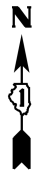
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

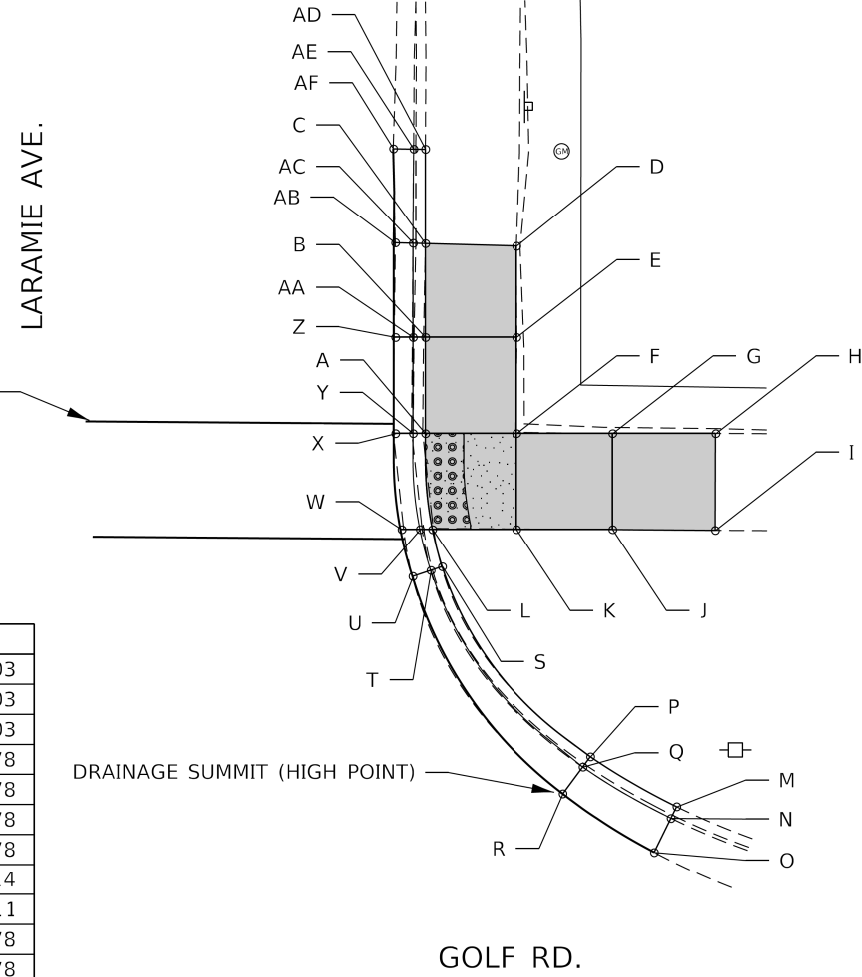
PROPOSED ADA RAMP DESIGN  
GOLF RD. FROM WAUKEGAN RD. TO IL 43 (MCCORMICK BLVD.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	20
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

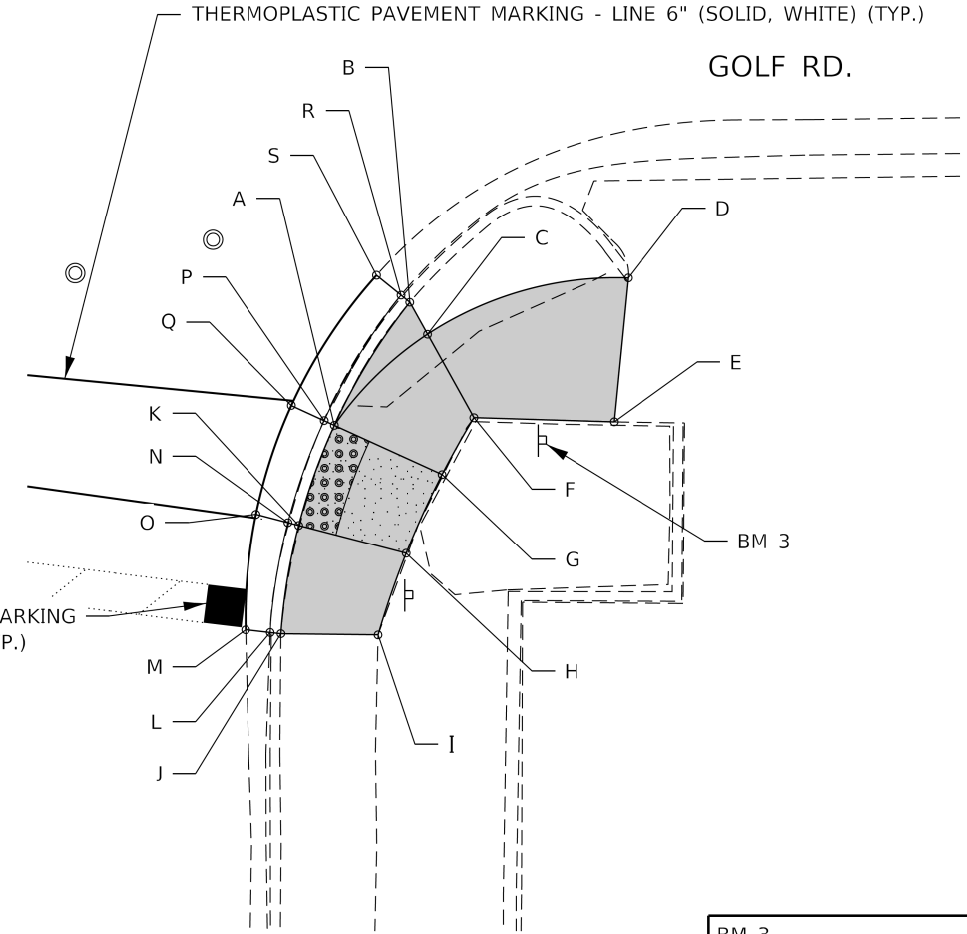


	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
A	625.17	625.06	1963325.96	1140936.03
B	625.27	625.19	1963330.96	1140936.03
C	625.37	625.37	1963335.84	1140936.03
D	625.36	625.36	1963335.71	1140940.78
E	625.27	625.19	1963330.96	1140940.78
F	625.23	625.13	1963325.96	1140940.78
G	625.24	625.18	1963325.96	1140945.78
H	625.11	625.11	1963325.96	1140951.14
I	625.07	625.07	1963320.92	1140951.11
J	625.16	625.18	1963320.96	1140945.78
K	625.14	625.13	1963320.96	1140940.78
L	625.05	625.08	1963320.96	1140936.40
M	625.39	625.39	1963306.54	1140949.11
N	624.91	624.91	1963305.94	1140948.81
O	625.04	625.04	1963304.16	1140947.95
P	625.40	625.57	1963309.14	1140944.63
Q	624.95	625.11	1963308.61	1140944.23
R	625.06	625.11	1963307.21	1140943.19
S	625.12	625.50	1963319.03	1140936.91
T	624.93	625.05	1963318.83	1140936.31
U	624.99	625.05	1963318.52	1140935.36
V	624.91	625.04	1963320.96	1140935.75
W	624.97	625.04	1963320.96	1140934.73
X	624.91	625.02	1963325.96	1140934.38
Y	624.86	625.02	1963325.96	1140935.38
Z	624.90	625.00	1963330.96	1140934.38
AA	625.01	625.00	1963330.96	1140935.38
AB	624.94	624.98	1963335.89	1140934.38
AC	624.94	624.98	1963335.86	1140935.38
AD	625.40	625.40	1963340.76	1140936.03
AE	624.96	624.96	1963340.77	1140935.42
AF	624.94	624.94	1963340.79	1140934.35



SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	5.00	2.80
A-F	4.75	1.47
A-L	5.00	0.40
B-C	4.88	3.69
B-E	4.75	0.00
C-D	4.75	0.21
D-E	4.75	3.58
E-F	5.00	1.20
F-G	5.00	1.00
F-K	5.00	0.00

SEGMENT	LENGTH (FT)	SLOPE (%)
G-H	5.36	1.31
G-J	5.00	0.00
H-I	5.04	0.79
I-J	5.33	2.06
J-K	5.00	1.00
K-L	4.38	1.14



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
A	625.20	625.19	1963235.95	1140939.59
B	625.65	625.65	1963242.34	1140943.51
C	625.50	625.35	1963240.68	1140944.43
D	625.48	625.48	1963243.61	1140954.89
E	625.57	625.57	1963236.12	1140954.16
F	625.47	625.35	1963236.34	1140946.84
G	625.48	625.25	1963233.38	1140945.19
H	625.46	625.19	1963229.28	1140943.32
I	625.44	625.44	1963225.03	1140941.86
J	625.29	625.29	1963225.09	1140936.81
K	625.11	625.13	1963230.73	1140937.73
L	624.86	624.86	1963225.15	1140936.25
M	624.99	624.99	1963225.30	1140934.96
N	625.00	625.09	1963230.88	1140937.17
O	625.11	625.11	1963231.31	1140935.50
P	625.10	625.15	1963236.19	1140939.06
Q	625.20	625.20	1963236.97	1140937.35
R	625.19	625.19	1963242.71	1140943.05
S	625.21	625.21	1963243.75	1140941.78

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	7.50	6.14
A-C	6.77	2.36
A-G	6.16	0.97
A-K	5.54	1.08
B-C	1.90	15.81
C-D	10.86	1.20
C-F	4.96	0.00
D-E	7.53	1.20
E-F	7.32	3.00
F-G	3.39	2.95
G-H	4.51	1.33
H-I	4.49	5.56
H-K	5.77	1.04
I-J	5.05	2.97
J-K	5.71	2.80

BM 3  
CUT IN NW COR OF SIGN FND  
EL 626.424

MODEL: Default  
FILE NAME: W:\11\Projects\2019\11\11\028\PTB191\_003\W01\_GolfRd\_ADA\_Ramp\ADA\_CADD\Sheet\03\_D162524-Sht-ADA-Laramie\_Ave.dgn

ADA-3

CONTROL POINT: 8  
ELEVATION: 624.69  
NORTHING: 1963321.36  
EASTING: 1140992.62  
DESCRIPTION: CUT CROSS IN N WALK OF GOLF RD. W OF LARAMIE AVE.

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: 5  
ELEVATION: 624.71  
NORTHING: 1963241.84  
EASTING: 1141009.57  
DESCRIPTION: CUT CROSS IN S WALK OF GOLF RD. W OF LARAMIE AVE.



USER NAME = lgarrett  
DESIGNED -  
DRAWN -  
PLOT SCALE = 10.0000' / 1"  
CHECKED -  
PLOT DATE = 9/26/2019  
DATE -

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

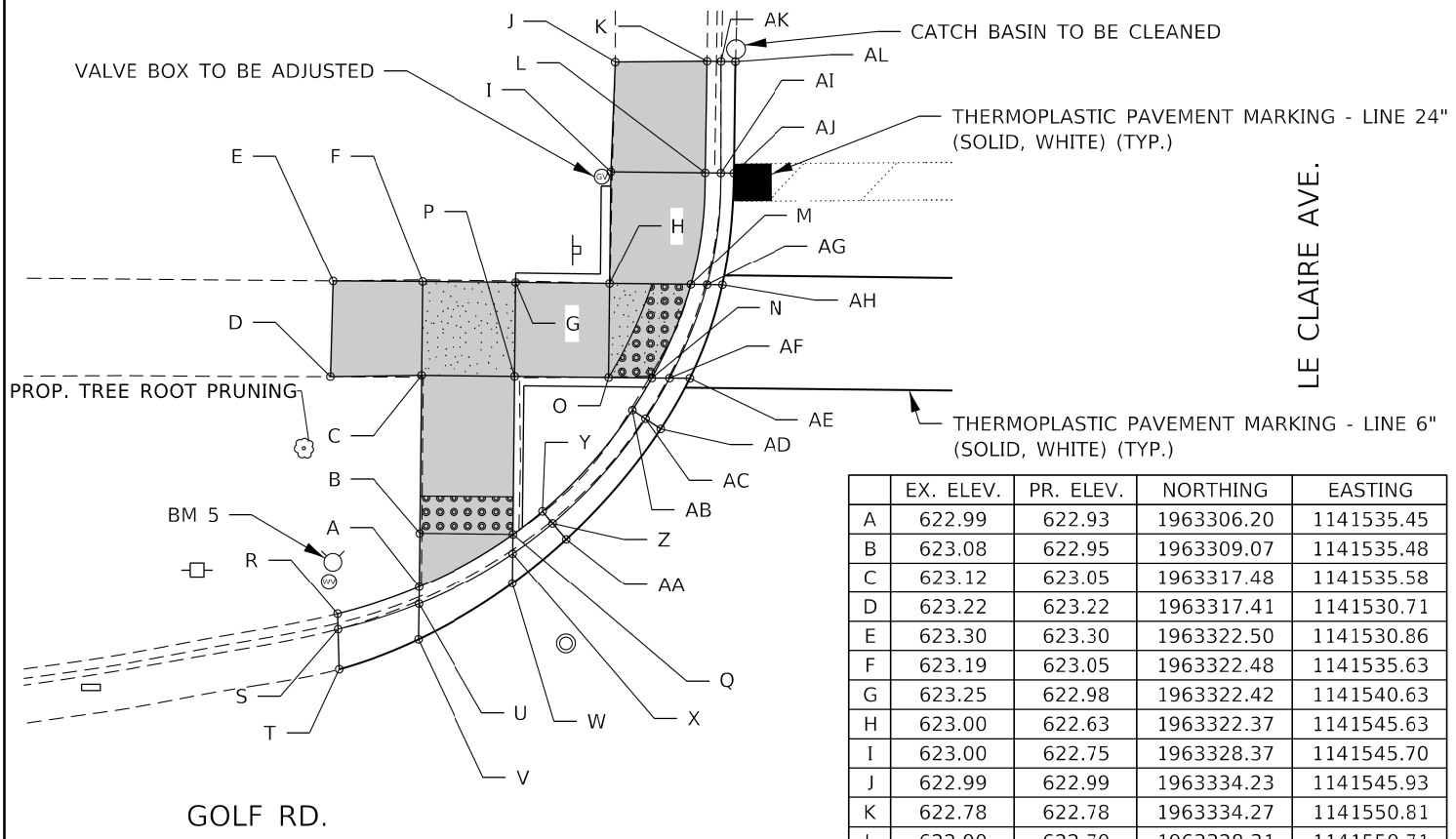
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
GOLF RD. FROM WAUKEGAN RD. TO IL 43 (MCCORMICK BLVD.)

SCALE: SHEET OF SHEETS STA. TO STA.

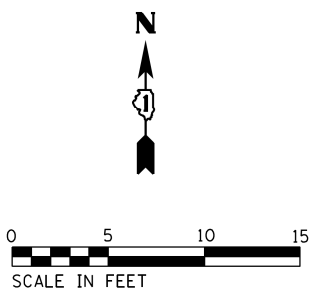
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	21

CONTRACT NO. 62J54  
ILLINOIS FED. AID PROJECT



SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	2.87	0.70
A-Q	5.76	0.87
B-C	8.41	1.19
B-Q	5.00	1.40
C-D	4.87	3.49
C-F	5.00	0.00
C-P	5.00	1.40
D-E	5.08	1.57
E-F	4.77	5.24
F-G	5.00	1.40
G-H	5.00	7.00
G-P	5.00	0.00
H-I	6.00	2.00
H-M	4.32	1.16
H-O	5.00	0.00
I-J	5.86	4.09
I-L	5.00	1.00
J-K	4.88	4.30
K-L	5.96	1.34
L-M	6.04	2.00
M-N	5.40	0.56
N-O	2.30	0.87
O-P	5.00	7.00
P-Q	8.41	1.19

BM 5  
E LOWER BOLT ON FH  
EL 623.914



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
A	622.99	622.93	1963306.20	1141535.45
B	623.08	622.95	1963309.07	1141535.48
C	623.12	623.05	1963317.48	1141535.58
D	623.22	623.22	1963317.41	1141530.71
E	623.30	623.30	1963322.50	1141530.86
F	623.19	623.05	1963322.48	1141535.63
G	623.25	622.98	1963322.42	1141540.63
H	623.00	622.63	1963322.37	1141545.63
I	623.00	622.75	1963328.37	1141545.70
J	622.99	622.99	1963334.23	1141545.93
K	622.78	622.78	1963334.27	1141550.81
L	622.90	622.70	1963328.31	1141550.71
M	622.72	622.58	1963322.32	1141549.95
N	622.79	622.61	1963317.34	1141547.87
O	622.98	622.63	1963317.37	1141545.57
P	623.15	622.98	1963317.42	1141540.58
Q	622.81	622.88	1963309.01	1141540.48
R	623.14	623.14	1963304.76	1141531.10
S	622.92	622.92	1963303.93	1141531.12
T	623.02	623.02	1963301.80	1141531.18
U	622.86	622.89	1963305.29	1141535.44
V	623.00	622.96	1963303.39	1141535.42
W	622.85	622.89	1963306.40	1141540.45
X	622.73	622.84	1963307.99	1141540.47
Y	622.89	623.20	1963310.24	1141542.06
Z	622.66	622.70	1963309.61	1141542.60
AA	622.73	622.73	1963308.75	1141543.32
AB	622.86	623.08	1963315.63	1141546.84
AC	622.52	622.58	1963315.17	1141547.54
AD	622.54	622.58	1963314.64	1141548.35
AE	622.53	622.57	1963317.32	1141549.90
AF	622.51	622.57	1963317.33	1141548.82
AG	622.52	622.54	1963322.31	1141550.81
AH	622.58	622.58	1963322.30	1141551.62
AI	622.50	622.53	1963328.30	1141551.54
AJ	622.55	622.55	1963328.30	1141552.24
AK	622.38	622.38	1963334.26	1141551.55
AL	622.39	622.39	1963334.25	1141552.32

INTENTIONALLY LEFT BLANK

ADA-4

CONTROL POINT: 9  
ELEVATION: 622.91  
NORTHING: 1963317.14  
EASTING: 1141678.40  
DESCRIPTION: CUT CROSS IN N WALK OF GOLF RD. E OF LECLAIRE AVE.

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: 10  
ELEVATION: 623.41  
NORTHING: 1963318.71  
EASTING: 114140.68  
DESCRIPTION: CUT CROSS IN N WALK OF GOLF RD. W OF LECLAIRE AVE.

MODEL: Default FILE NAME: W:\Projects\2019\191028\_PTB191\_003\W01\_GolfRd\_ADA\_Ramp\CADD\CADD\_Sheets\04\_D162354-sh-ADA-LECLAIRE\_Ave.dgn

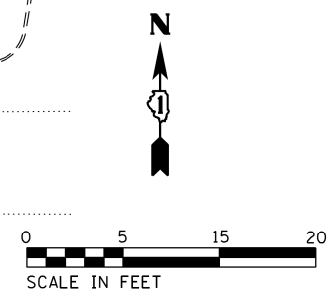
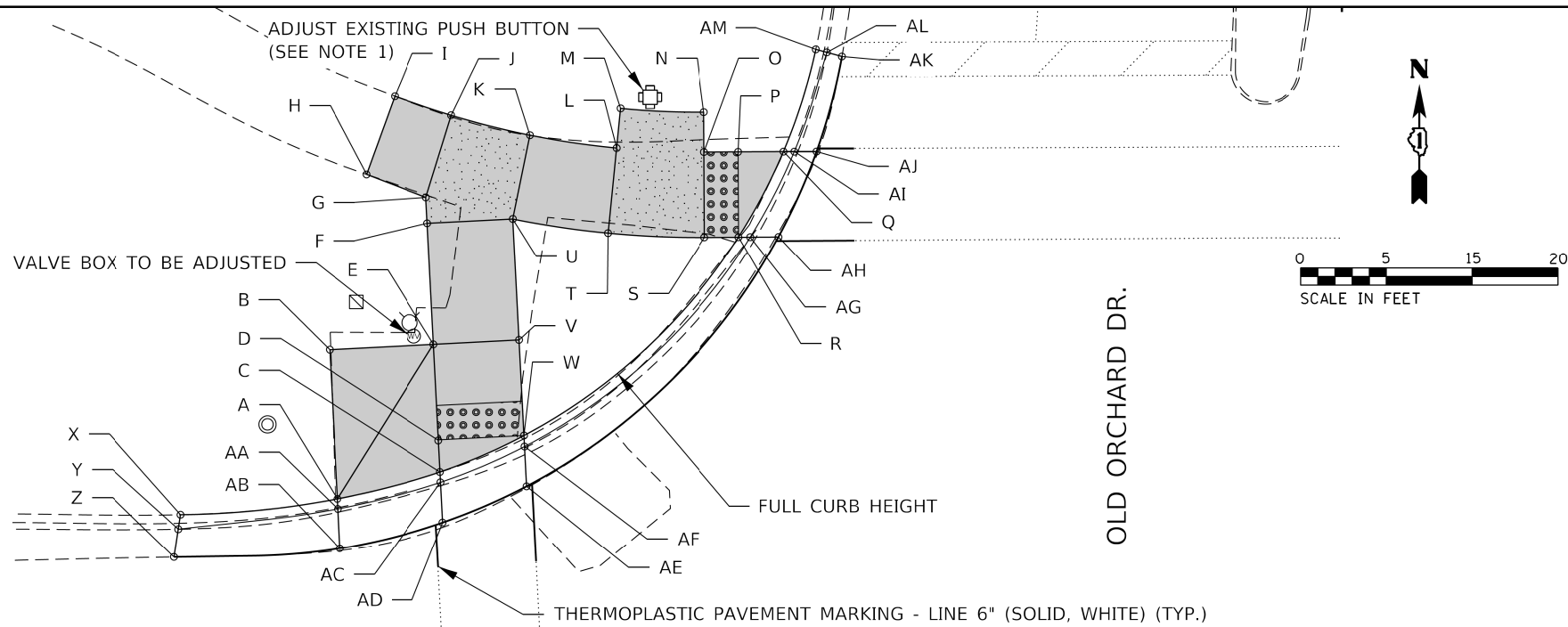


USER NAME = lgarrett	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 9/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
GOLF RD. FROM WAUKEGAN RD. TO IL 43 (MCCORMICK BLVD.)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	22
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
A	627.89	627.86	1963316.15	1142875.09
B	627.69	627.94	1963324.84	1142874.64
C	627.69	627.54	1963317.72	1142881.12
D	627.67	627.56	1963319.59	1142881.02
E	627.60	627.64	1963325.16	1142880.74
F	627.54	627.75	1963332.26	1142880.37
G	627.56	627.75	1963333.78	1142880.30
H	627.49	627.49	1963335.12	1142876.80
I	627.47	627.47	1963339.70	1142878.46
J	627.54	627.71	1963338.58	1142881.77
K	627.66	627.70	1963337.41	1142886.36
L	627.74	627.53	1963336.66	1142891.41
M	627.60	627.53	1963338.98	1142891.64
N	627.60	627.47	1963338.77	1142896.53
O	627.65	627.47	1963336.43	1142896.54
P	627.60	627.44	1963336.44	1142898.54
Q	627.59	627.42	1963336.45	1142901.20
R	627.55	627.44	1963331.44	1142898.57
S	627.60	627.47	1963331.43	1142896.57
T	627.62	627.53	1963331.68	1142890.91
U	627.61	627.70	1963332.51	1142885.37
V	627.56	627.60	1963325.41	1142885.73
W	627.52	627.52	1963319.84	1142886.02
X	628.00	628.00	1963315.22	1142865.94
Y	627.56	627.57	1963314.38	1142865.81
Z	627.54	627.54	1963312.73	1142865.56
AA	627.76	627.53	1963315.56	1142875.12
AB	627.58	627.58	1963313.24	1142875.24
AC	627.50	627.50	1963317.11	1142881.15
AD	627.45	627.51	1963314.76	1142881.27
AE	627.40	627.48	1963316.88	1142886.17

**NOTES:**  
 1. PUSH BUTTON HEIGHT MUST BE BETWEEN 36 AND 42 INCHES (INCLUSIVE) FROM THE TOP OF SIDEWALK.

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
AF	627.52	627.48	1963319.20	1142886.05
AG	627.61	627.40	1963331.44	1142899.26
AH	627.48	627.43	1963331.45	1142900.90
AI	627.43	627.38	1963336.45	1142901.83
AJ	627.48	627.43	1963336.46	1142903.13
AK	627.43	627.43	1963342.01	1142904.61
AL	627.35	627.35	1963342.25	1142903.73
AM	627.78	627.78	1963342.43	1142903.08

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	8.70	0.92
A-C	6.23	5.14
A-E	10.63	2.07
B-E	6.11	4.91
C-D	1.87	1.07
C-W	5.34	0.37
D-E	5.58	1.43
D-W	5.00	0.80
E-F	7.11	1.55
E-V	5.00	0.80
F-G	1.52	0.00
F-U	5.00	1.00
G-H	3.76	6.92
G-J	5.02	0.80
H-I	4.87	0.41
I-J	3.49	6.87
J-K	4.74	0.21
K-L	5.11	3.33
K-U	5.00	0.00
M-N	4.83	1.24
M-T	7.34	0.00
N-S	7.33	0.00
O-P	2.00	1.50
P-Q	2.71	0.74
P-R	5.00	0.00
R-S	2.00	1.50
R-Q	5.69	0.35
S-T	5.59	1.07
T-U	5.60	3.03
U-V	7.11	1.41
V-W	5.58	1.43

**INTENTIONALLY LEFT BLANK**

ADA-5

CONTROL POINT: 13  
 ELEVATION: 627.80  
 NORTHING: 1963375.52  
 EASTING: 1142932.37  
 DESCRIPTION: CUT CROSS IN CONC. MEDIAN IN OLD OCHARD DR. SHOPPING MALL ENTRANCE

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: 14  
 ELEVATION: 627.11  
 NORTHING: 1963351.15  
 EASTING: 1142835.97  
 DESCRIPTION: CUT CROSS IN N WALK OF GOLF RD. W OF OLD OCHARD DR.

MODEL: Default FILE NAME: \\snp\projects\2019\191028\_PTB191\_003\NO1\_GolfRd\_ADA\_Ramp\CADD\CADD\_Sheets\05\_D162J54-R56-SW-Old Orchard Dr.dgn



USER NAME = lgarrett	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / ft.	DRAWN -	REVISED -
PLOT DATE = 9/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED ADA RAMP DESIGN  
 GOLF RD. FROM WAUKEGAN RD. TO IL 43 (MCCORMICK BLVD.)**

SCALE: SHEET OF SHEETS STA. TO STA.

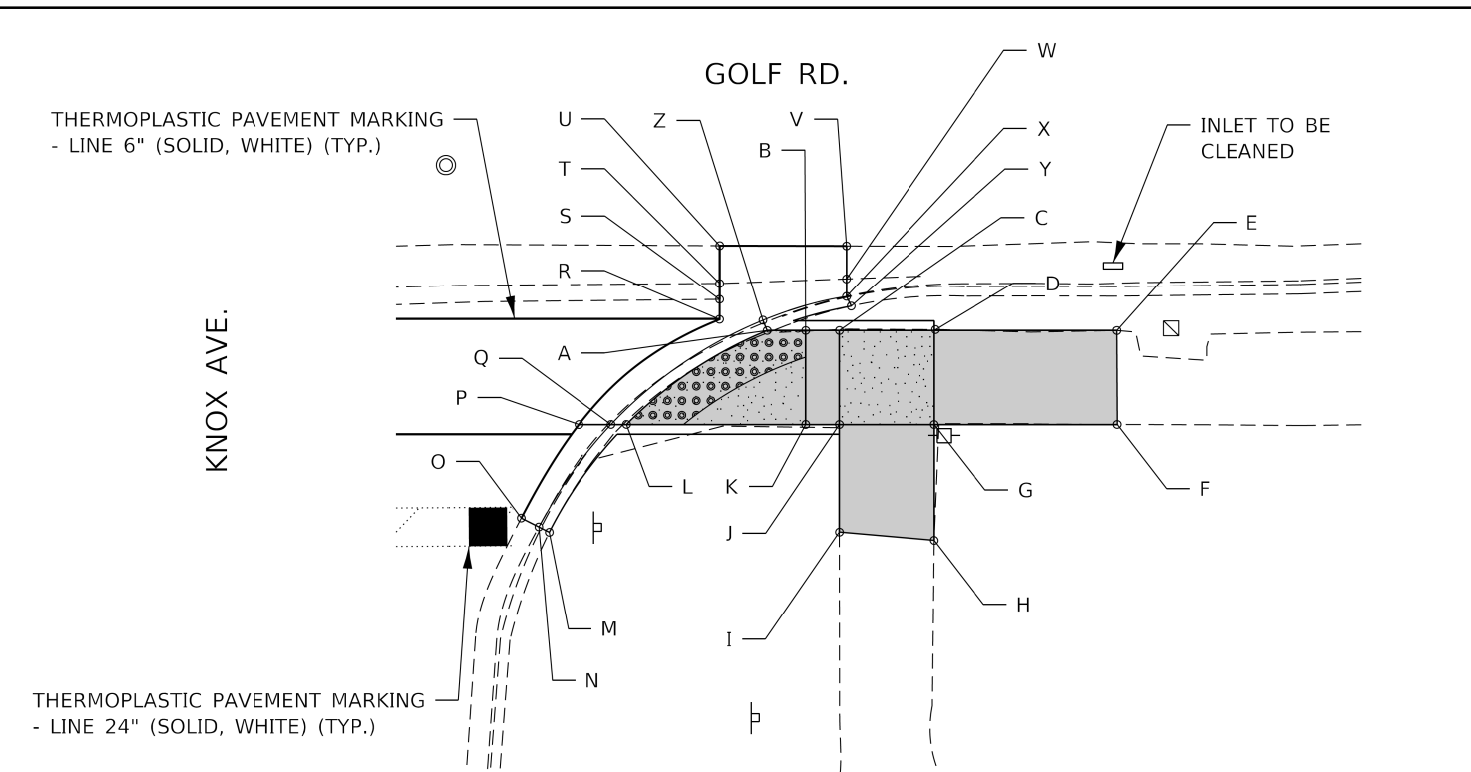
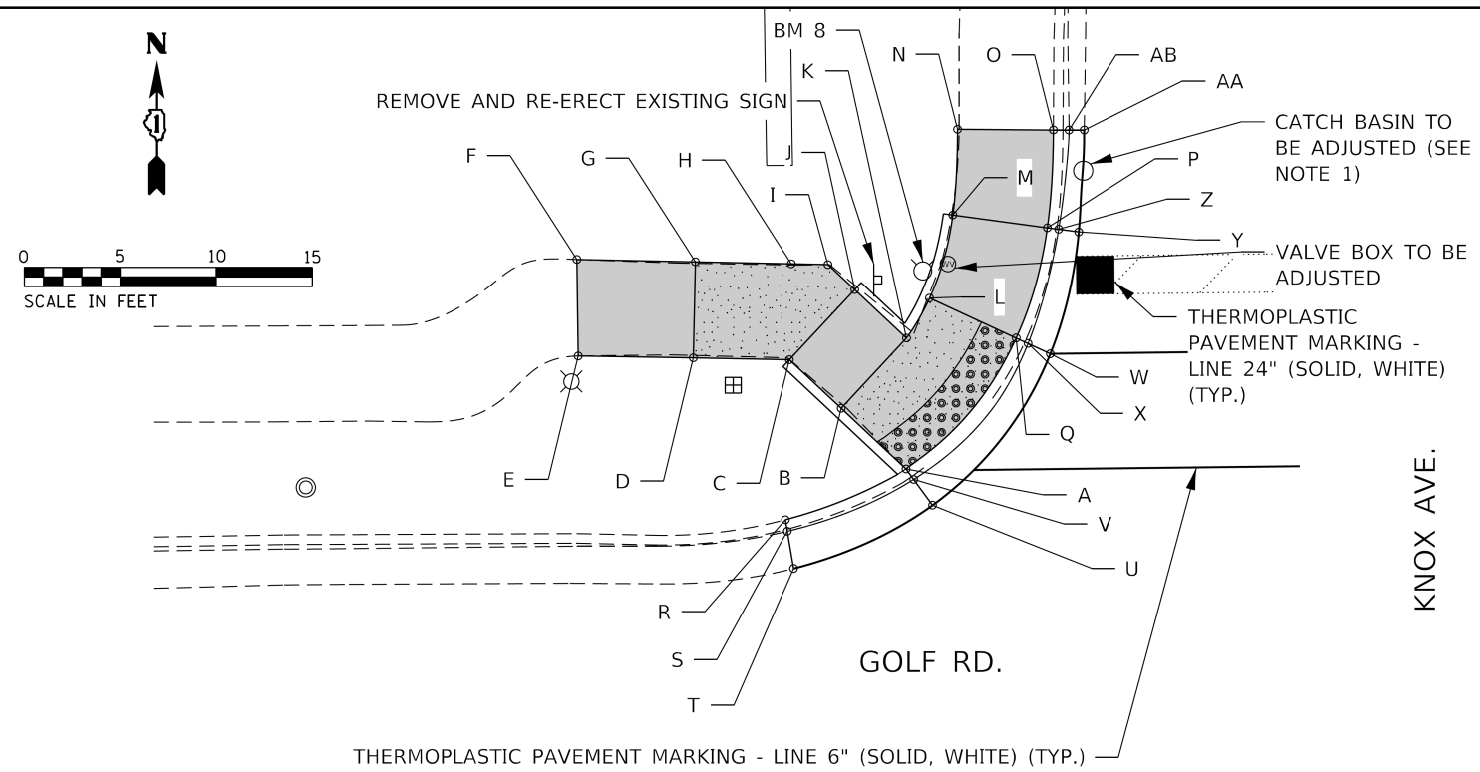
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R56SW	COOK	86	23

CONTRACT NO. 62J54  
 ILLINOIS FED. AID PROJECT









	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
A	629.93	629.88	1963307.78	1144498.12
B	630.27	629.91	1963310.94	1144494.73
C	630.44	630.17	1963313.47	1144492.03
D	630.48	630.24	1963313.57	1144487.03
E	630.60	630.60	1963313.66	1144481.04
F	630.75	630.75	1963318.69	1144480.97
G	630.61	630.26	1963318.57	1144487.13
H	630.56	630.19	1963318.46	1144492.13
I	630.50	630.18	1963318.43	1144494.04
J	630.44	630.17	1963317.12	1144495.44
K	630.34	629.91	1963314.59	1144498.15
L	630.38	629.91	1963316.68	1144499.34
M	630.41	630.23	1963321.01	1144500.56
N	630.40	630.40	1963325.49	1144500.81
O	630.25	630.25	1963325.45	1144505.81
P	630.31	630.16	1963320.35	1144505.49
Q	630.08	629.84	1963314.59	1144503.87
R	630.24	630.24	1963305.14	1144491.82
S	629.87	629.87	1963304.54	1144491.92
T	629.98	629.98	1963302.61	1144492.25
U	629.79	629.85	1963305.90	1144499.50
V	629.67	629.84	1963307.24	1144498.52
W	629.81	629.81	1963313.77	1144505.65
X	629.72	629.80	1963314.31	1144504.49
Y	629.80	629.80	1963320.13	1144507.13
Z	629.83	629.79	1963320.27	1144506.08
AA	629.75	629.75	1963325.44	1144507.42
AB	629.75	629.75	1963325.45	1144506.63

NOTES:  
1. CATCH BASIN TO BE CLEANED.

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	4.63	0.65
A-Q	8.91	0.45
B-C	3.70	7.03
B-K	5.00	0.00
C-D	5.00	1.40
C-J	5.00	0.00
C-H	5.00	0.40
D-E	6.00	6.00
D-G	5.00	0.40
E-F	5.03	2.98
F-G	6.16	7.95
G-H	5.00	1.40
H-I	1.91	0.52
I-J	1.92	0.52
J-K	3.71	7.01
K-L	2.41	0.00
L-M	4.50	7.11
L-Q	5.00	1.40
M-N	4.49	3.79
M-P	4.97	1.41
N-O	5.00	3.00
O-P	5.11	1.76
P-Q	5.98	5.35

BM 8  
N BOLT ON FH  
EL 630.816









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A	630.95	630.81	1963240.35	1144563.08
B	631.21	630.83	1963240.35	1144565.08
C	631.26	630.96	1963240.35	1144566.84
D	631.30	630.99	1963240.35	1144571.78
E	631.26	631.26	1963240.35	1144581.28
F	631.45	631.45	1963235.46	1144581.30
G	631.44	631.06	1963235.46	1144571.78
H	631.52	631.52	1963229.44	1144571.78
I	631.49	631.49	1963229.87	1144566.84
J	631.40	631.03	1963235.46	1144566.84
K	631.33	630.90	1963235.46	1144565.08
L	631.02	630.89	1963235.46	1144555.77
M	631.29	631.29	1963229.86	1144551.73
N	630.78	630.78	1963230.14	1144551.19
O	630.83	630.83	1963230.60	1144550.27
P	630.89	630.89	1963235.46	1144553.29
Q	630.86	630.85	1963235.46	1144554.96
R	630.79	630.79	1963240.94	1144560.60
S	630.76	630.76	1963241.98	1144560.61
T	630.69	630.69	1963242.80	1144560.61
U	630.79	630.79	1963244.78	1144560.61
V	630.79	630.79	1963244.77	1144567.21
W	630.70	630.70	1963243.04	1144567.21
X	630.75	630.75	1963242.13	1144567.21
Y	631.25	631.25	1963241.63	1144567.45
Z	630.77	630.77	1963240.89	1144562.86

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	2.00	1.00
A-L	8.79	0.91
B-C	1.76	7.39
B-K	4.89	1.43
C-D	4.94	0.61
C-J	4.89	1.43
D-E	9.50	2.84
D-G	4.89	1.43
E-F	4.89	3.89
F-G	9.52	4.10
G-H	6.02	7.64
G-J	4.94	0.61
H-I	4.96	0.60
I-J	5.59	8.23
J-K	1.76	7.39
K-L	9.31	0.11

ADA-8

CONTROL POINT: 18  
ELEVATION: 630.65  
NORTHING: 1963311.49  
EASTING: 114437.65  
DESCRIPTION: CUT CROSS IN N WALK OF GOLF RD. W OF KNOX AVE.

**LEGEND**

-  PROPOSED SIDE CURB (TYPE B)
-  EXISTING LENGTH
-  EXISTING ELEVATION
-  PROPOSED SIDEWALK
-  CLASS D PATCH
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD
-  TURNING SPACE

CONTROL POINT: 19  
ELEVATION: 631.70  
NORTHING: 1963237.69  
EASTING: 1144626.62  
DESCRIPTION: CUT CROSS IN S WALK OF GOLF RD. E OF KNOX AVE.



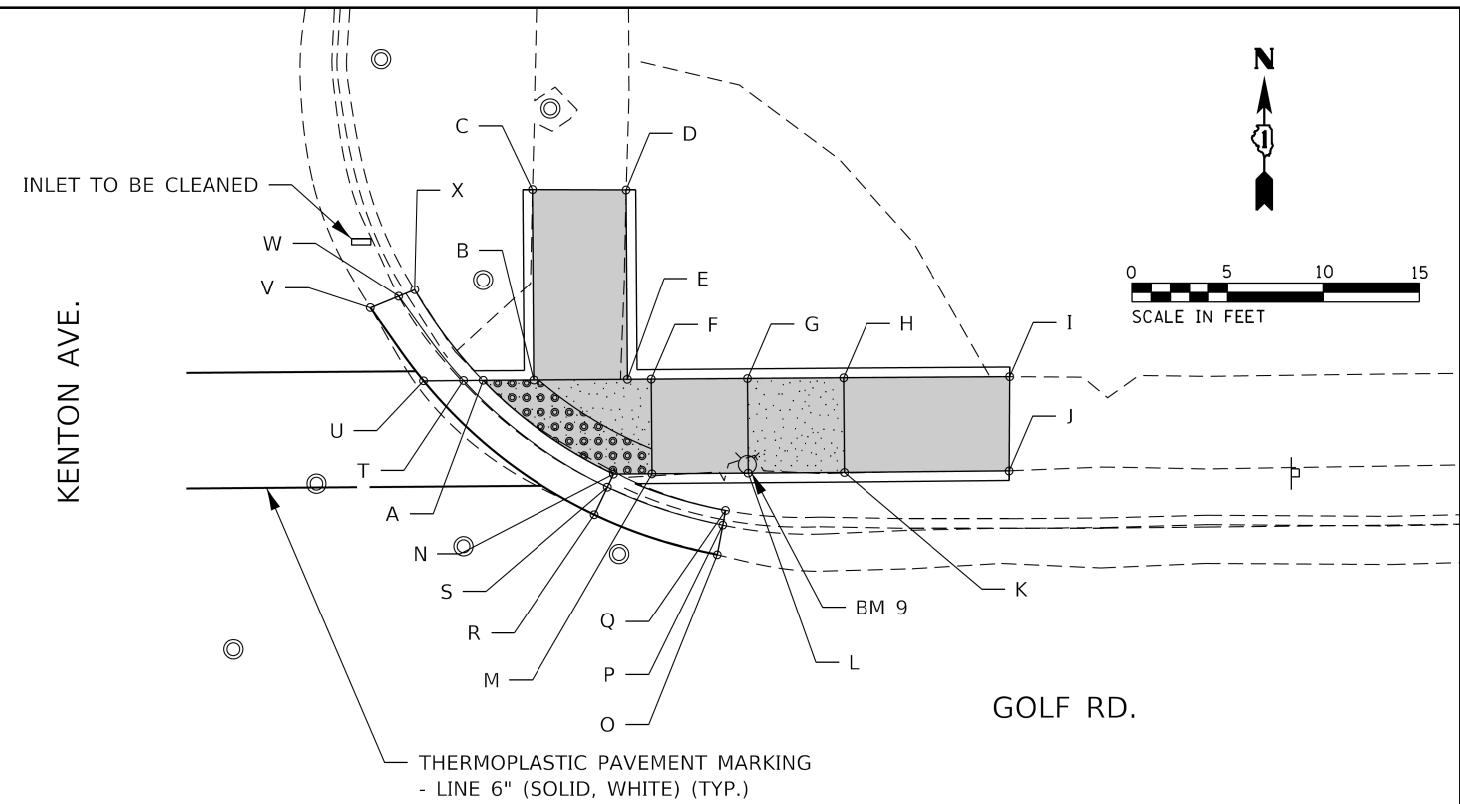
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PLOT DATE = 9/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ADA RAMP DESIGN  
GOLF RD. FROM WAUKEGAN RD. TO IL 43 (MCCORMICK BLVD.)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	26
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

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	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
A	632.22	632.11	1963315.14	1144874.19
B	632.36	632.15	1963315.16	1144876.83
C	632.64	632.64	1963325.11	1144876.76
D	632.71	632.71	1963325.08	1144881.65
E	632.86	632.22	1963315.19	1144881.72
F	632.92	632.22	1963315.20	1144882.96
G	633.11	632.57	1963315.24	1144887.96
H	633.21	632.64	1963315.27	1144892.96
I	633.30	633.30	1963315.33	1144901.63
J	633.16	633.16	1963310.44	1144901.60
K	633.03	632.64	1963310.35	1144892.99
L	632.83	632.62	1963310.32	1144887.99
M	632.71	632.27	1963310.28	1144882.99
N	632.58	632.27	1963310.27	1144880.99
O	632.49	632.49	1963306.08	1144886.38
P	632.38	632.38	1963307.62	1144886.67
Q	632.88	632.88	1963308.39	1144886.81
R	632.43	632.35	1963308.16	1144879.99
S	632.23	632.27	1963309.59	1144880.67
T	631.99	632.07	1963315.13	1144873.16
U	631.98	632.07	1963315.12	1144871.08
V	631.93	631.93	1963318.92	1144868.30
W	631.90	631.90	1963319.52	1144869.78
X	632.37	632.37	1963319.86	1144870.62

BM 9  
LOWER BOLT ON FH  
EL 633.602

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	2.64	1.52
A-N	8.36	1.91
B-C	9.94	4.93
B-E	4.89	1.43
C-D	4.89	1.43
D-E	9.89	4.95
E-F	1.24	0.00
F-G	5.00	7.00
F-M	4.92	1.02
G-H	5.00	1.40
G-L	4.92	1.02
H-I	8.67	7.61
H-K	4.92	0.00
I-J	4.89	2.86
J-K	8.61	6.04
K-L	5.00	0.40
L-M	5.00	7.00
M-N	2.00	0.00

ADA-9

CONTROL POINT: 21  
ELEVATION: 632.58  
NORTHING: 1963311.49  
EASTING: 1144759.82  
DESCRIPTION: CUT CROSS IN N WALK OF GOLF RD. W OF KENTON AVE.

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: 22  
ELEVATION: 633.60  
NORTHING: 1963313.59  
EASTING: 1144934.43  
DESCRIPTION: CUT CROSS IN N WALK OF GOLF RD. E OF KENTON AVE.

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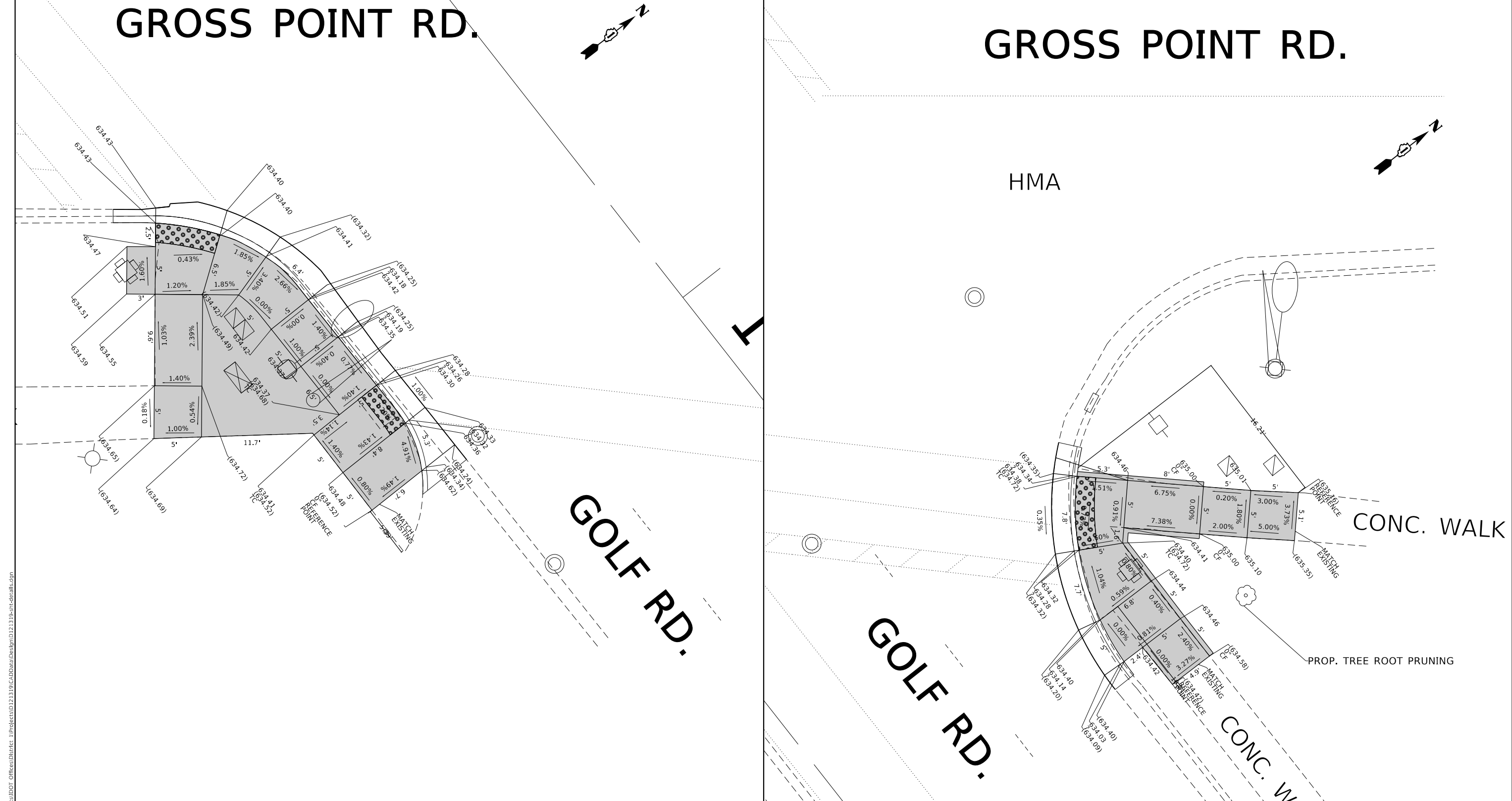
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PLOT DATE = 9/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
GOLF RD. FROM WAUKEGAN RD. TO IL 43 (MCCORMICK BLVD.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	27
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				



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REFERENCE BENCHMARK ELEV 637.02  
  
 BENCHMARK : CHISELED "X" ON NORTH CAP BOLT ON FIRE HYDRANT  
  
 LOCATION : NORTHWEST CORNER OF GOLF RD AND GROSS POINT ROAD

LEGEND	
xx.xx'	EXISTING LENGTH
====	PROPOSED SIDE CURB
( )	EXISTING ELEVATION/SLOPE
<span style="display:inline-block; width:10px; height:10px; background-color:gray; border:1px solid black;"></span>	PROPOSED SIDEWALK
<span style="display:inline-block; width:10px; height:10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, gray 2px, gray 4px); border:1px solid black;"></span>	DETECTABLE WARNINGS
<span style="display:inline-block; width:10px; height:10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, gray 2px, gray 4px); border:1px solid black;"></span>	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME	DESIGNED	REVIS
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DRAWN	-	-
PL	-	-
PL	-	-
PL	-	-
PL	-	-
PL	-	-

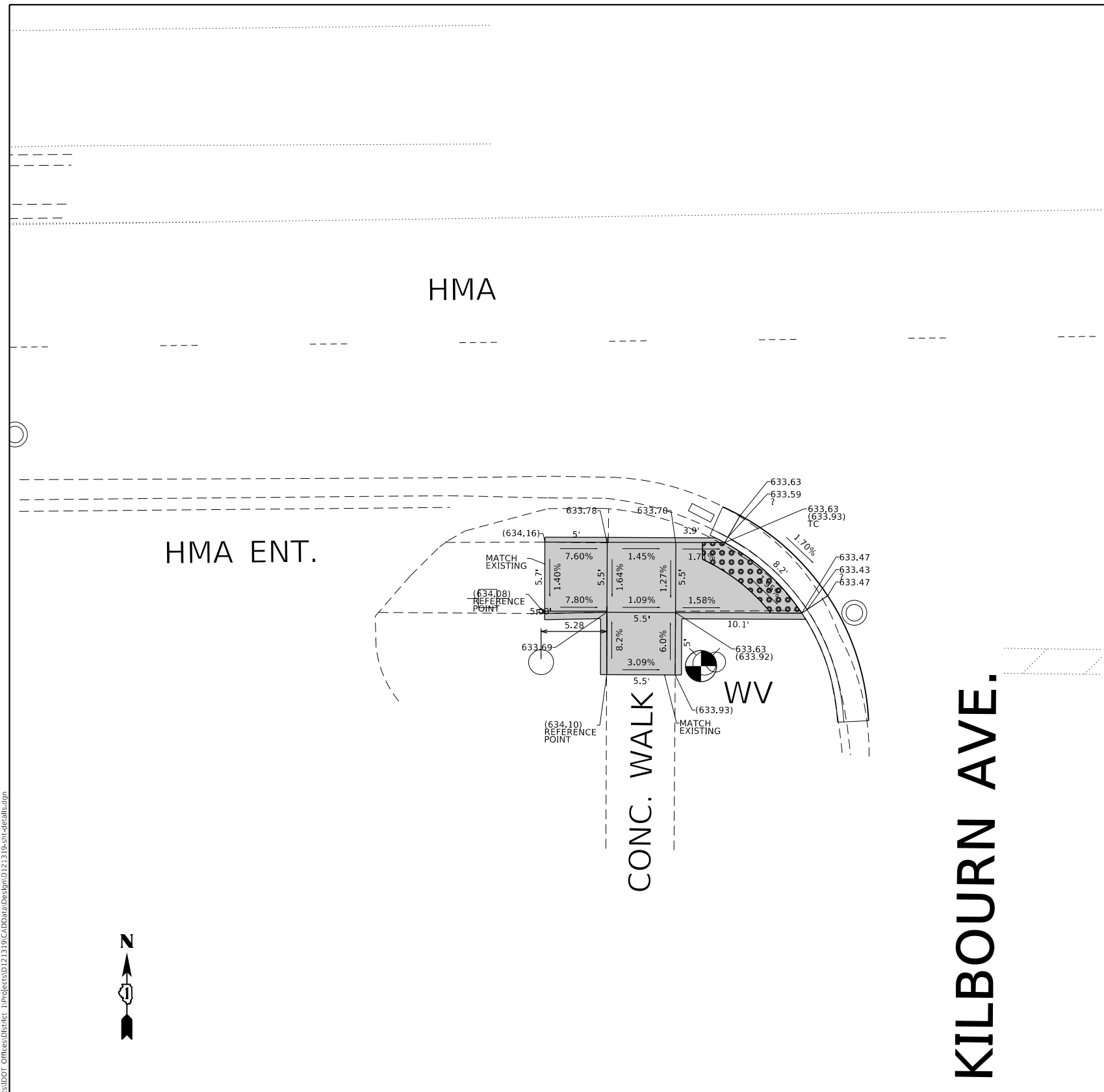
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J54	

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REFERENCE BENCHMARK ELEV 636.31

BENCHMARK : CHISELED "X" ON SOUTHWEST CAP BOLT ON FIRE HYDRANT

LOCATION : SOUTHWEST CORNER OF GOLF RD AND KILBOURN AVE.

**LEGEND**

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

USER NAME = diaza	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

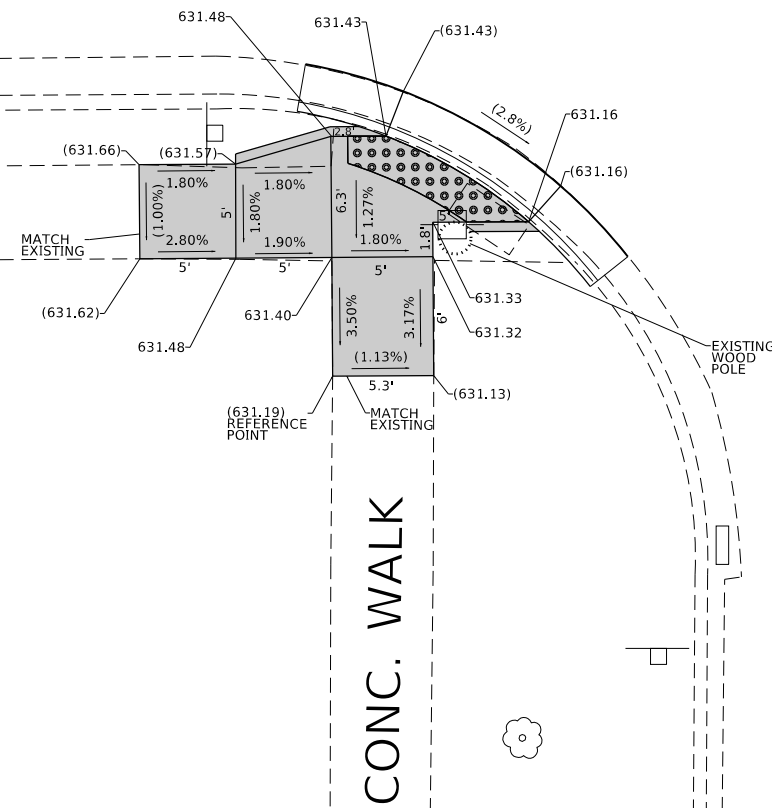
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1312	2019-069-R5&SW	COOK	86	29
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

# GOLF RD.

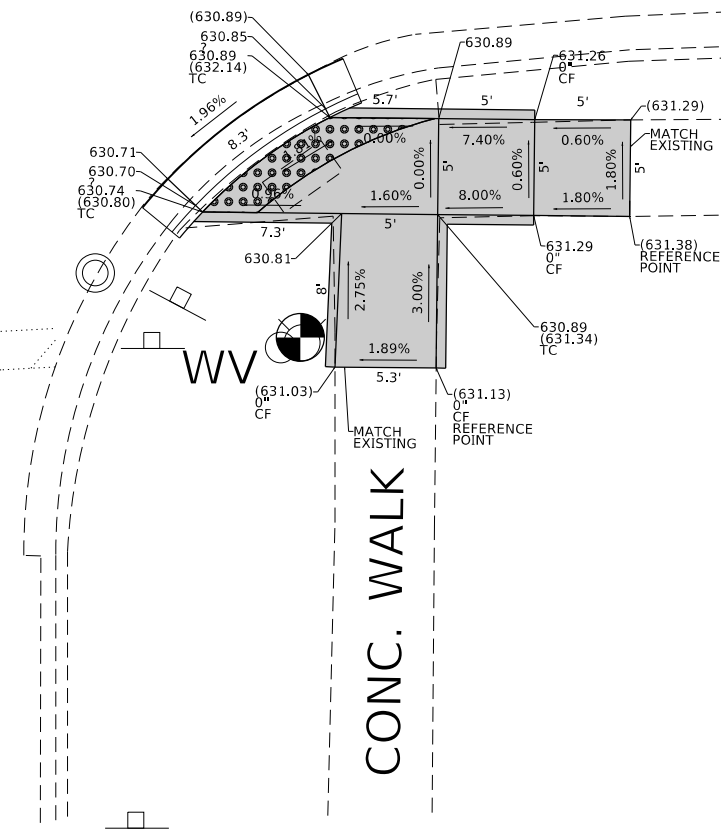
## HMA

### CONC. WALK

### CONC. WALK



# KENNETH AVE.



REFERENCE BENCHMARK ELEV 633.09

BENCHMARK : CHISELED "X" ON NORTHWEST CAP BOLT ON FIRE HYDRANT

LOCATION : SOUTHEAST CORNER OF GOLF RD AND KENNETH AVE.

### LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

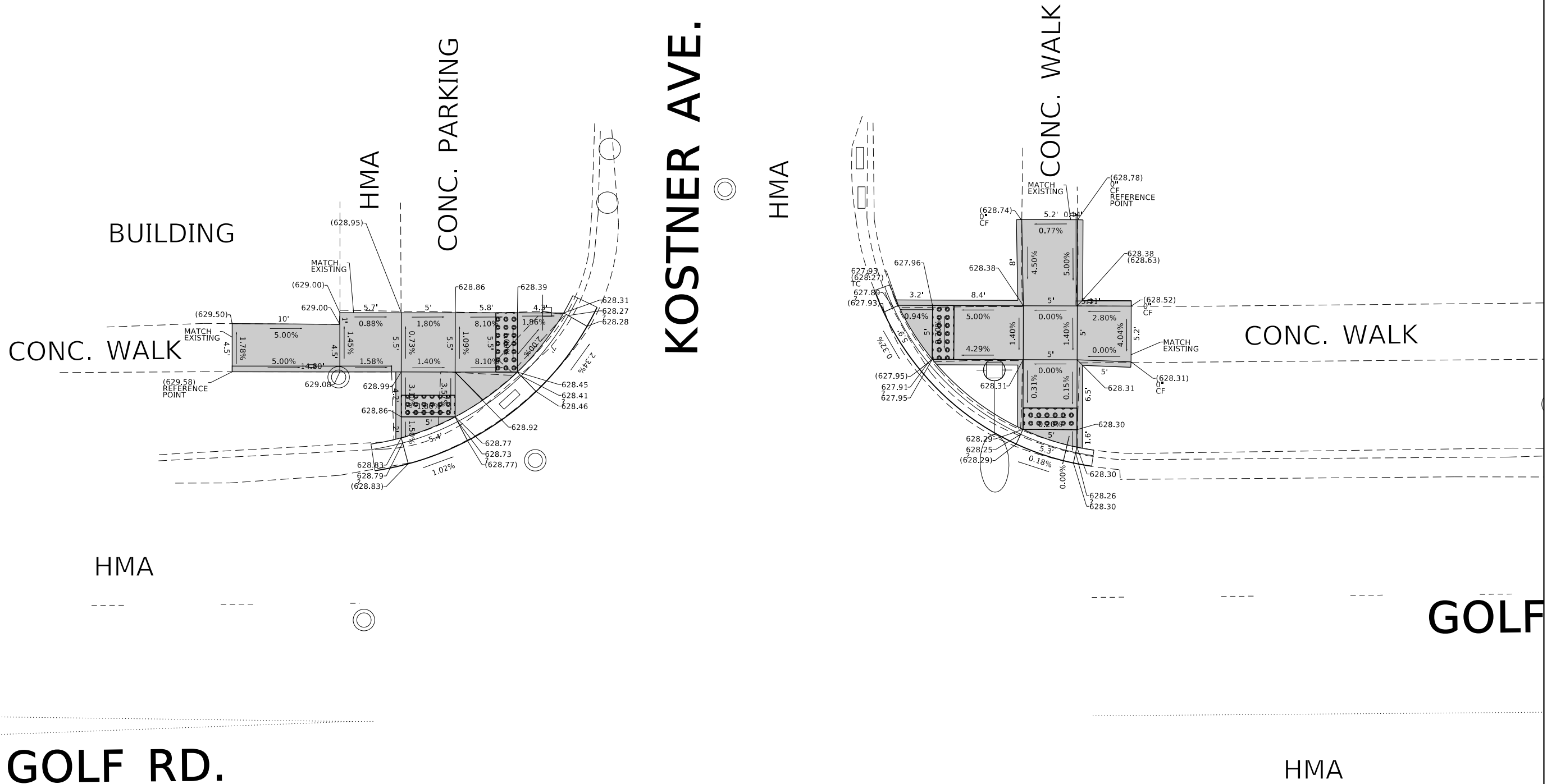
**SIDEWALK DETAIL PLAN  
GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE: SHEET OF SHEETS STA. TO STA.

USER NAME = diaza	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	30
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

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REFERENCE BENCHMARK ELEV 630.74

BENCHMARK : CHISELED "X" ON NORTH CAP BOLT ON FIRE HYDRANT

LOCATION : SOUTHWEST CORNER OF GOLF RD AND KOSTNER AVE.

### LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) – MCCORMICK BOULEVARD)**

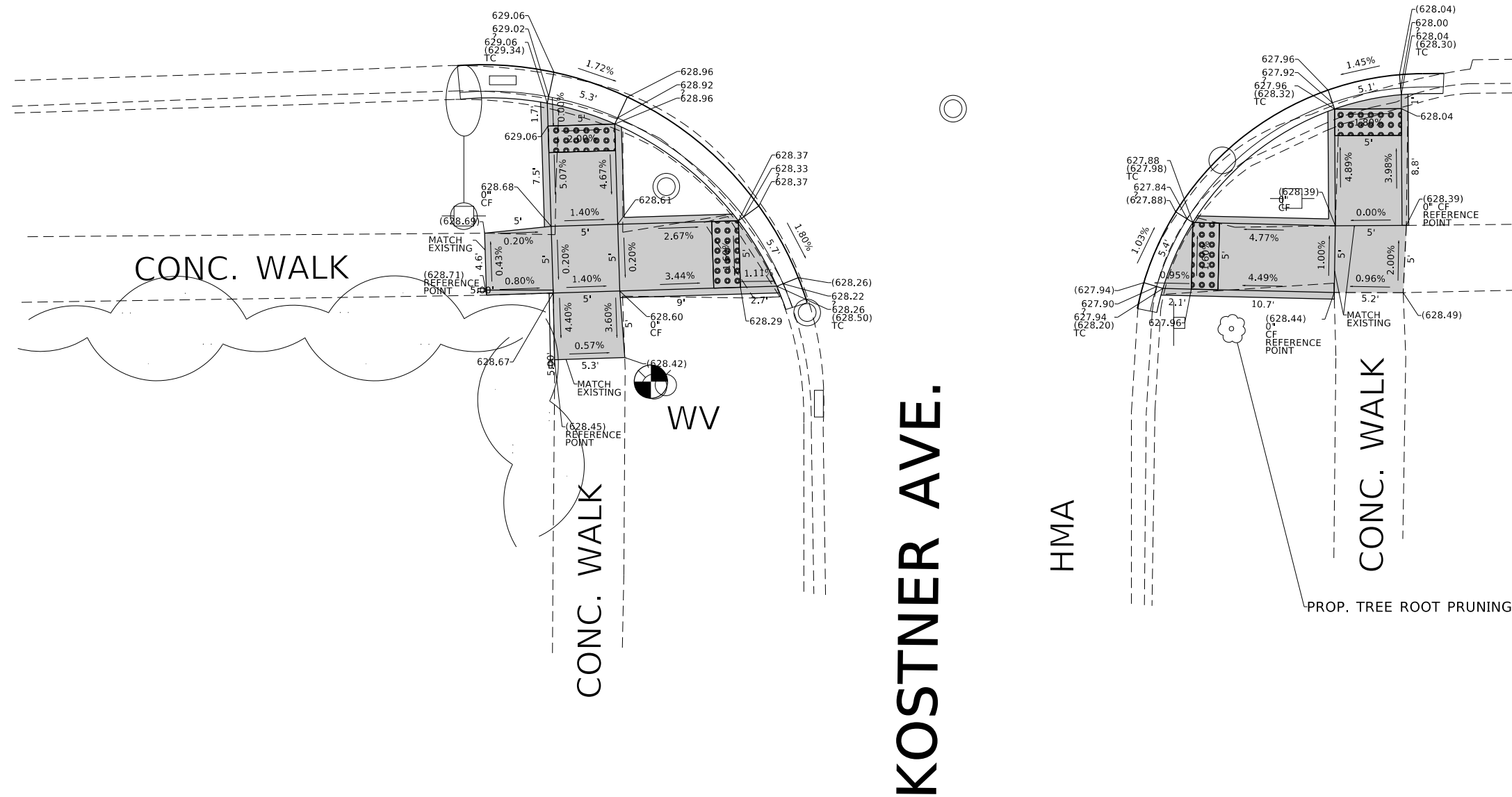
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	31
CONTRACT NO. 62J54				
ILLINOIS		FED. AID PROJECT		

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GOLF RD.

HMA



REFERENCE BENCHMARK ELEV 630.74

BENCHMARK : CHISELED "X" ON NORTH CAP BOLT ON FIRE HYDRANT

LOCATION : SOUTHWEST CORNER OF GOLF RD AND KOSTNER AVE.

**LEGEND**



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

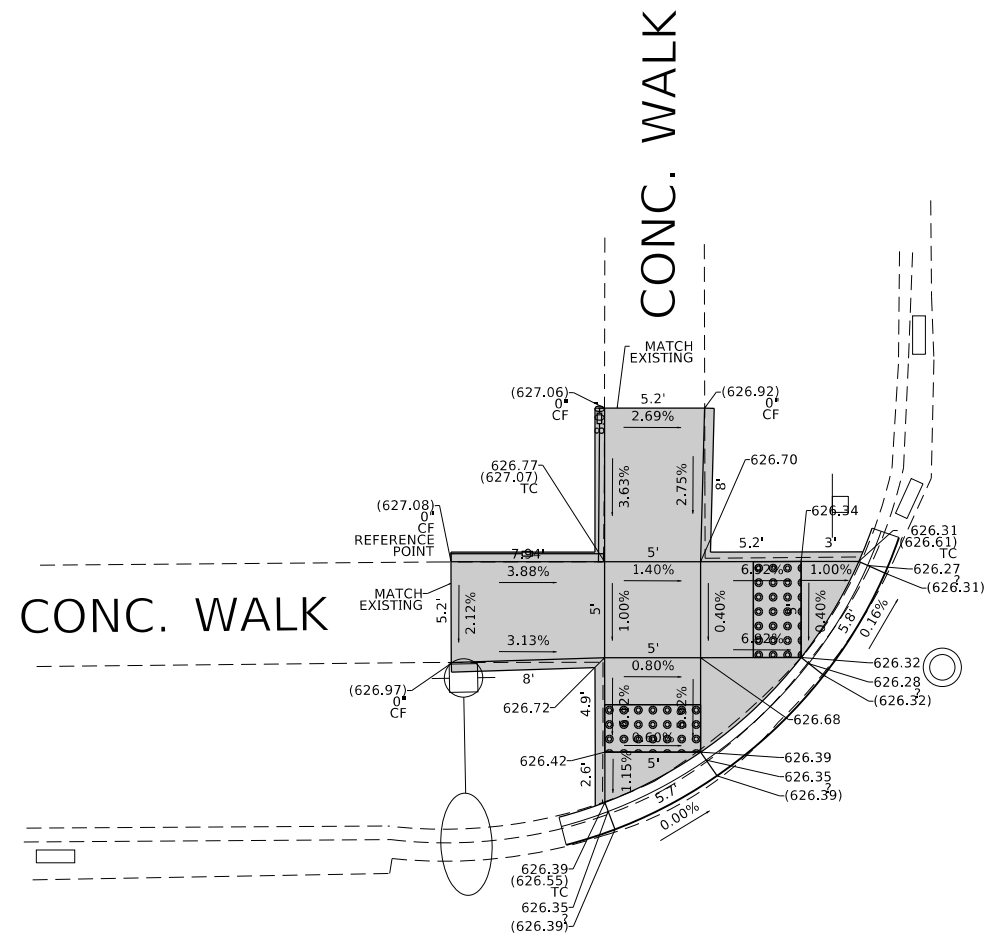
**SIDEWALK DETAIL PLAN**  
GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J54	

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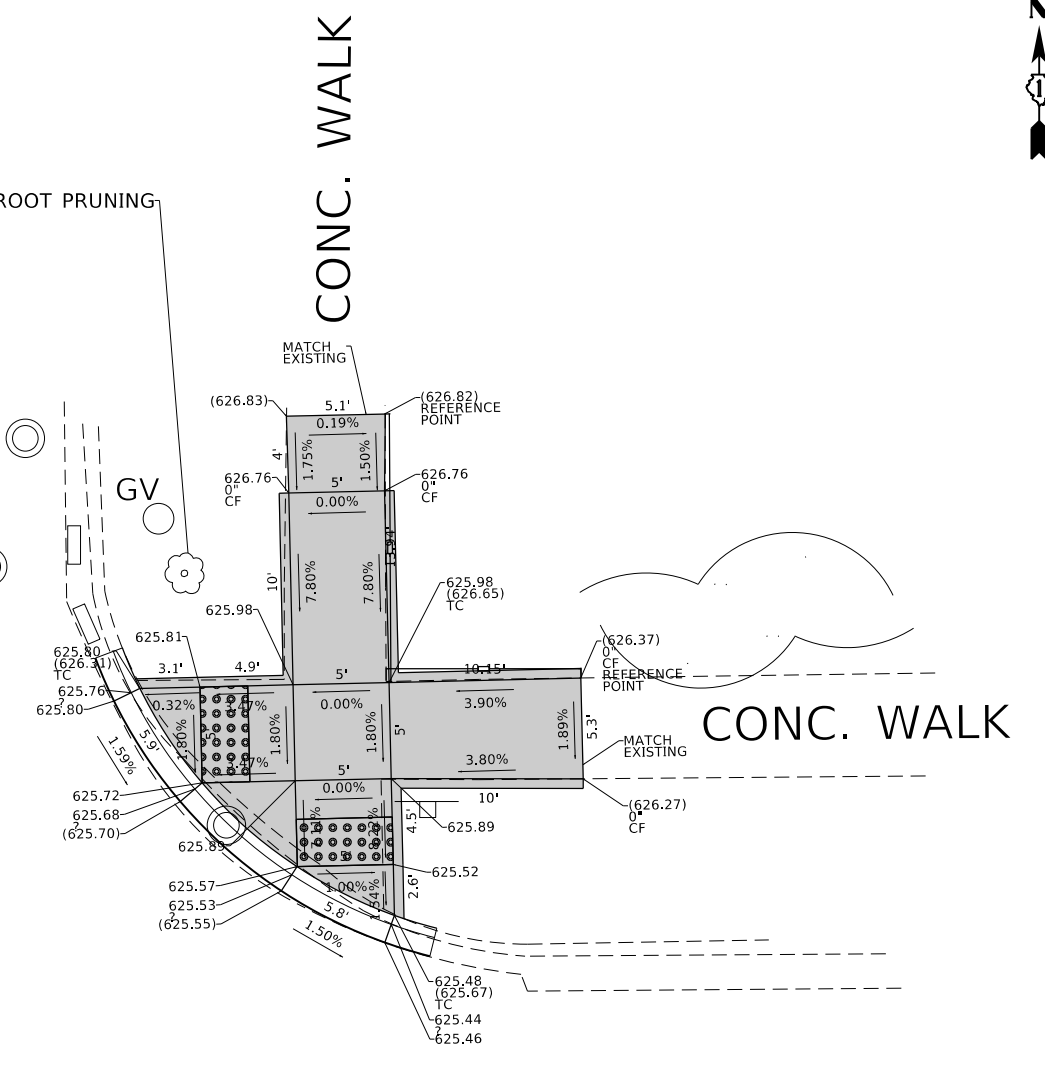




HMA

LOWELL AVE.

PROP. TREE ROOT PRUNING



GOLF RD.

REFERENCE BENCHMARK ELEV 629.42  
 BENCHMARK : CHISELED "X" ON NORTHWEST CAP BOLT ON FIRE HYDRANT  
 LOCATION : SOUTHWEST CORNER OF GOLF RD AND LOWELL AVE.

**LEGEND**

xx.xx'	EXISTING LENGTH	[Grey Box]	PROPOSED SIDEWALK
==	PROPOSED SIDE CURB	[Grid Pattern Box]	DETECTABLE WARNINGS
( )	EXISTING ELEVATION/SLOPE	[Cross-hatch Box]	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Default  
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	DATE -	REVISED -

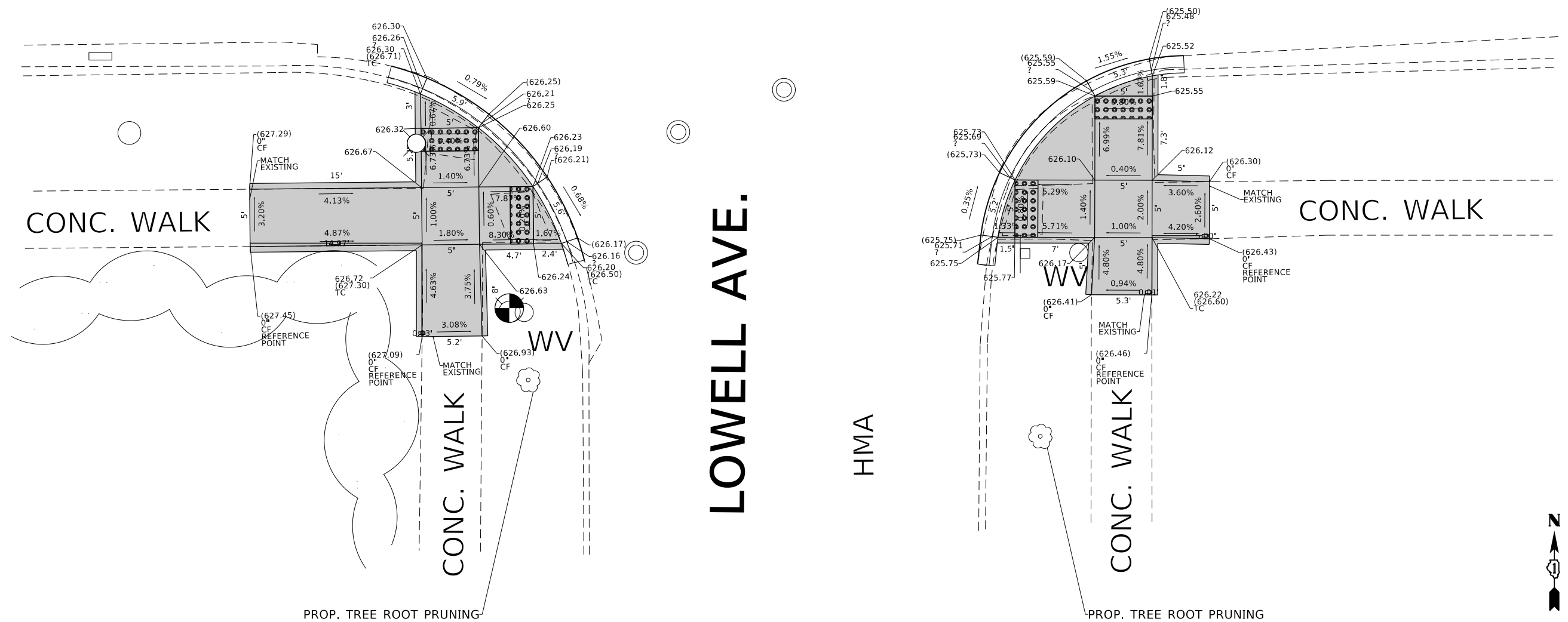
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	33
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

# GOLF RD.



REFERENCE BENCHMARK ELEV 629.42

BENCHMARK : CHISELED "X" ON NORTHWEST CAP BOLT ON FIRE HYDRANT

LOCATION : SOUTHWEST CORNER OF GOLF RD AND LOWELL AVE.

### LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



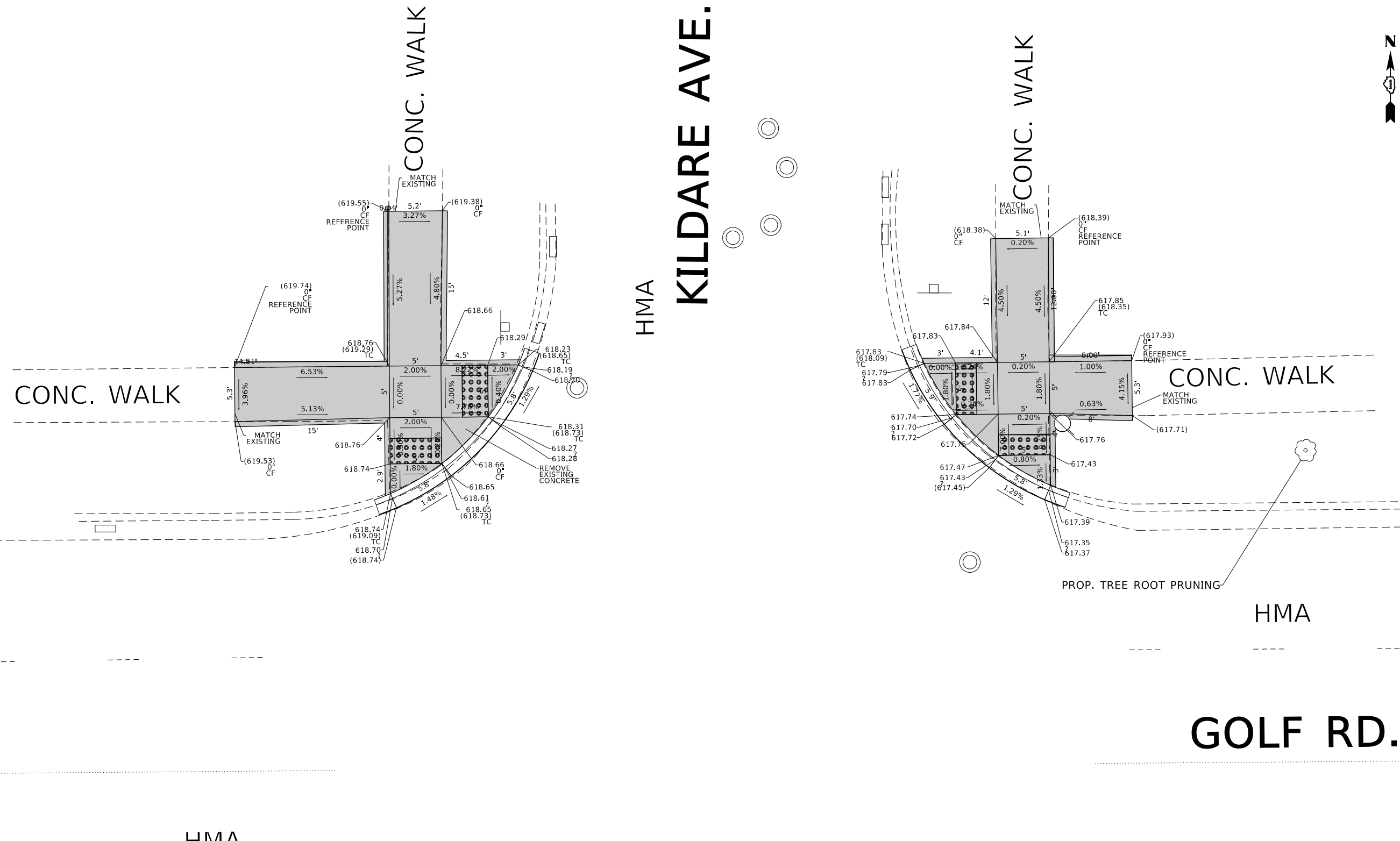
SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN  
GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	34
CONTRACT NO. 62J54				
ILLINOIS		FED. AID PROJECT		



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REFERENCE BENCHMARK ELEV 620.23  
 BENCHMARK : CHISELED "X" ON WEST CAP BOLT ON FIRE HYDRANT  
 LOCATION : SOUTHWEST CORNER OF GOLF RD AND KILDARE AVE.

**LEGEND**

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

USER NAME = diaza	DESIGNED -	REVISED -	DRAWN -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 10/17/2019	DATE -	REVISED -	

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

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

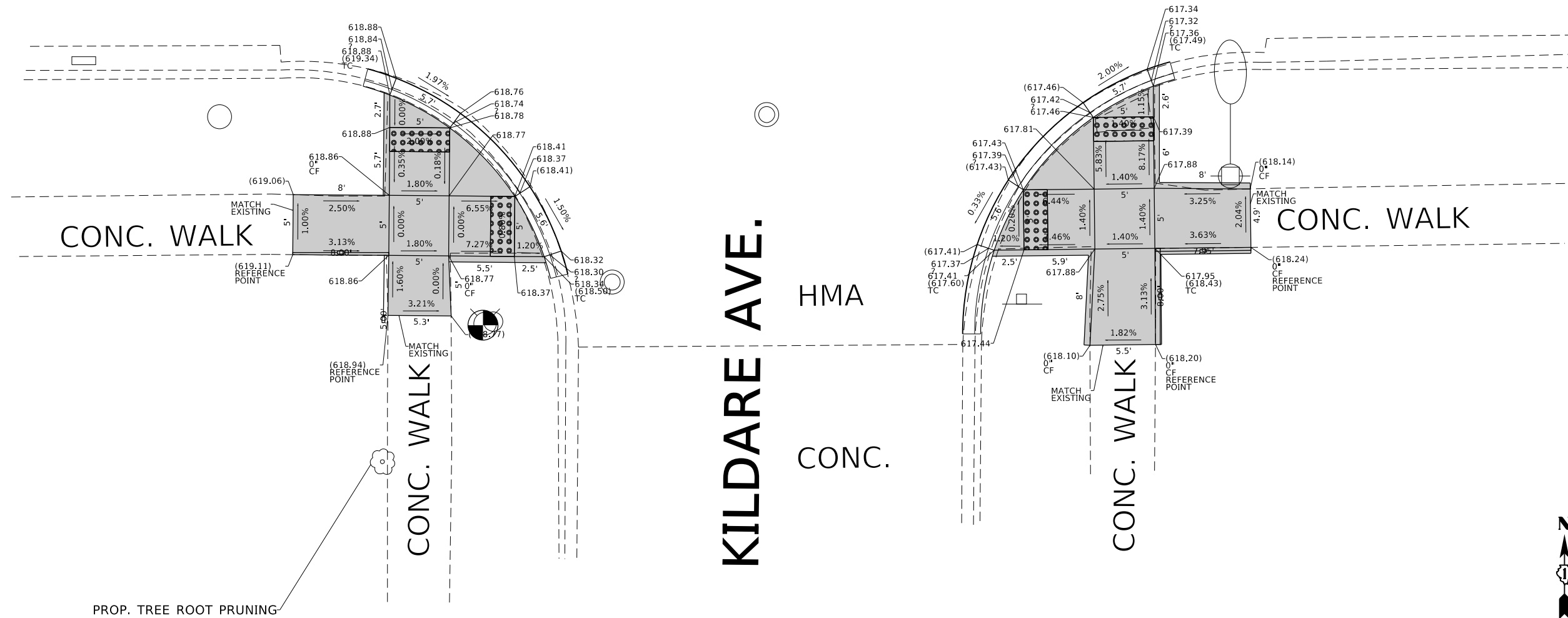
SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	35
CONTRACT NO. 62J54				

ILLINOIS FED. AID PROJECT

# GOLF RD.

HMA



PROP. TREE ROOT PRUNING

REFERENCE BENCHMARK ELEV 620.23  
 BENCHMARK : CHISELED "X" ON WEST CAP BOLT ON FIRE HYDRANT  
 LOCATION : SOUTHWEST CORNER OF GOLF RD AND KILDARE AVE.

**LEGEND**

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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PLOT DATE = 10/17/2019	DATE -	REVISED -	

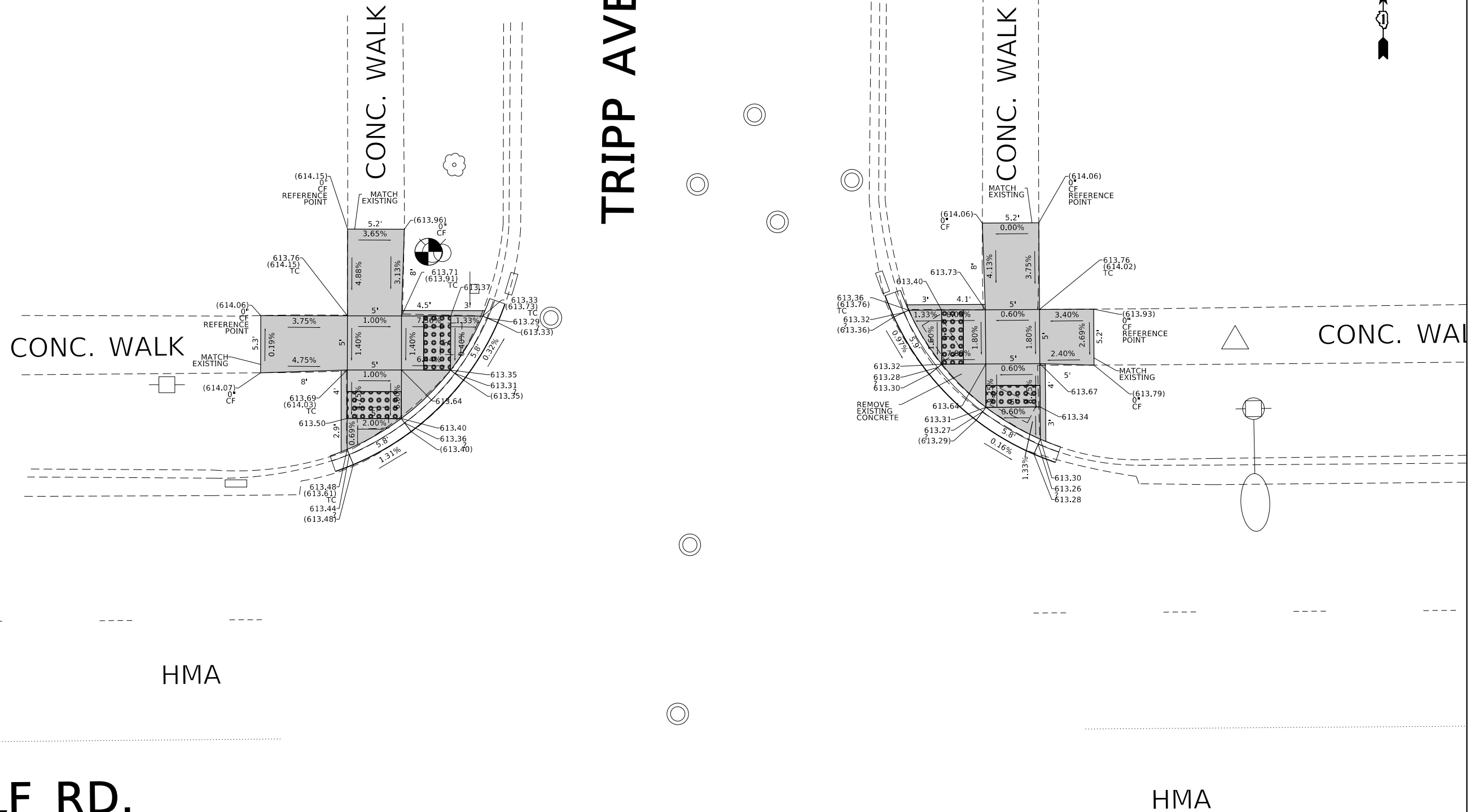
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J54	



# TRIPP AVE.



# GOLF RD.

REFERENCE BENCHMARK ELEV 616.13  
 BENCHMARK : CHISELED "X" ON NORTHWEST CAP BOLT ON FIRE HYDRANT  
 LOCATION : NORTHWEST CORNER OF GOLF RD AND TRIPP AVE.

LEGEND	
<span style="border: 1px solid black; padding: 2px;">xx.xx'</span>	EXISTING LENGTH
<span style="border-bottom: 2px solid black; width: 20px; display: inline-block;"></span>	PROPOSED SIDE CURB
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;"> </span>	EXISTING ELEVATION/SLOPE
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<span style="background-image: radial-gradient(circle, black 1px, transparent 0); background-size: 4px 4px; width: 20px; height: 10px; display: inline-block;"></span>	DETECTABLE WARNINGS
<span style="background-image: linear-gradient(to top right, transparent 49%, black 49%, black 51%, transparent 51%), linear-gradient(to bottom right, transparent 49%, black 49%, black 51%, transparent 51%); background-size: 4px 4px; width: 20px; height: 10px; display: inline-block;"></span>	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
 GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	37
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

USER NAME = diaza	DESIGNED -	REVISED -
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PLOT DATE = 10/17/2019	CHECKED -	REVISIONS -
	DATE -	REVISIONS -

SCALE: SHEET OF SHEETS STA. TO STA.

GOLF RD.

HMA

HMA

TRIPP AVE.

CONC. WALK

CONC. WALK

PROP. TREE ROOT PRUNING



REFERENCE BENCHMARK ELEV 616.13

BENCHMARK : CHISELED "X" ON NORTHWEST CAP BOLT ON FIRE HYDRANT

LOCATION : NORTHWEST CORNER OF GOLF RD AND TRIPP AVE.

**LEGEND**



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

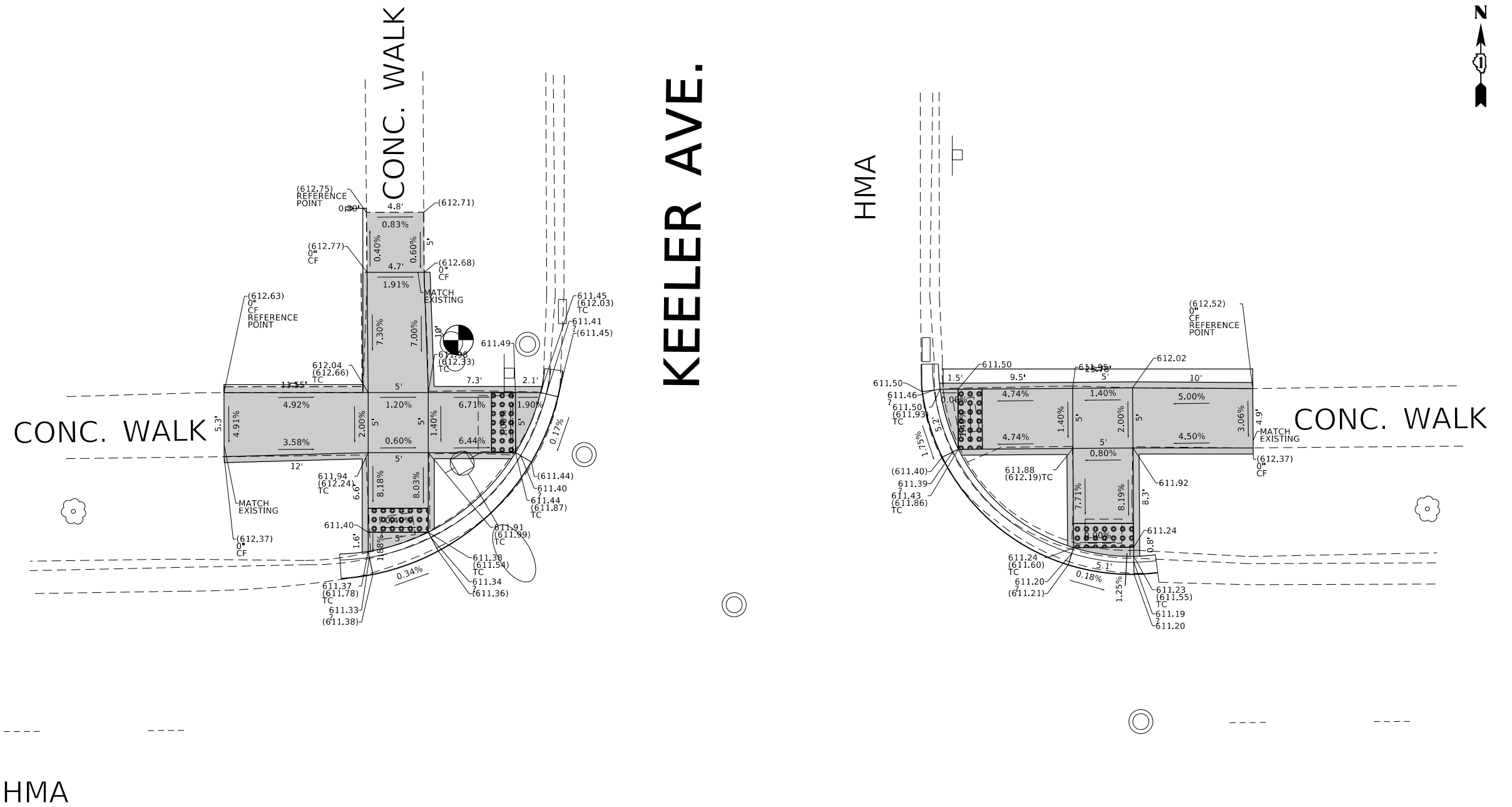
**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J54	

USER NAME	DESIGNED	REVISD
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DRAWN	CHECKED	REVISD
-	-	-
PLOT SCALE	DATE	REVISD
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PLOT DATE	-	
= 10/17/2019	-	

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 OFFICE: District 1  
 DATE: 10/17/2019






REFERENCE BENCHMARK ELEV 614.30

BENCHMARK : CHISELED "X" ON NORTHEAST CAP BOLT ON FIRE HYDRANT

LOCATION : NORTHWEST CORNER OF GOLF RD AND KEELER AVE.

**LEGEND**

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
====	PROPOSED SIDE CURB		DETECTABLE WARNINGS
( )	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

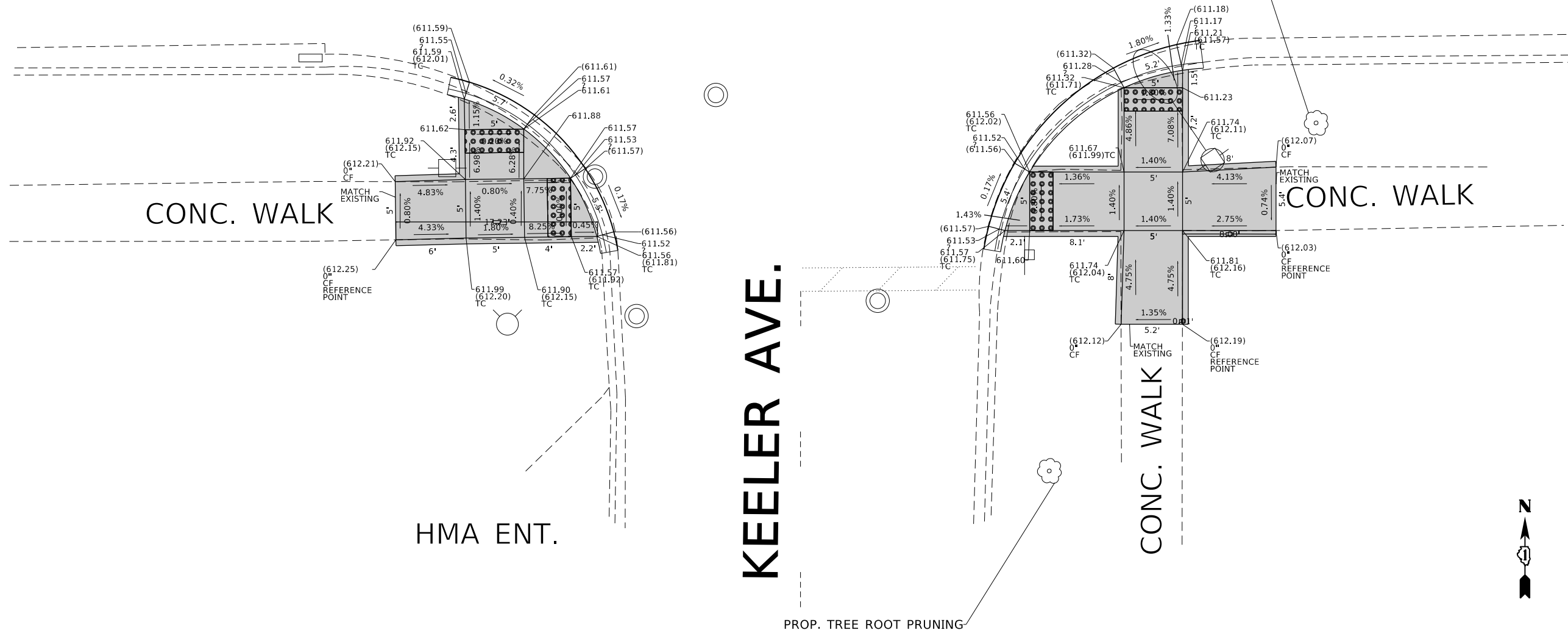
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	39
CONTRACT NO. 62J54				
ILLINOIS		FED. AID PROJECT		

USER NAME	DESIGNED	REVISED
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PLOT SCALE	DATE	REVISIED
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PLOT DATE	DATE	REVISIED
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HMA  
**GOLF RD.**

HMA



REFERENCE BENCHMARK ELEV 614.30

BENCHMARK : CHISELED "X" ON NORTHEAST CAP BOLT ON FIRE HYDRANT

LOCATION : NORTHWEST CORNER OF GOLF RD AND KEELER AVE.

**LEGEND**

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
 REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

USER NAME = diaza	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	40
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

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**KEDVALE AVE.**

HMA



CONC. WALK

CONC. WALK

HMA

**GOLF RD.**

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REFERENCE BENCHMARK ELEV 612.80

BENCHMARK : CHISELED "X" ON SOUTHWEST CAP BOLT ON FIRE HYDRANT

LOCATION : NORTHEAST CORNER OF GOLF RD AND KEDVALE AVE.

**LEGEND**

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

USER NAME = diaza	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE -	REVISED -

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

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

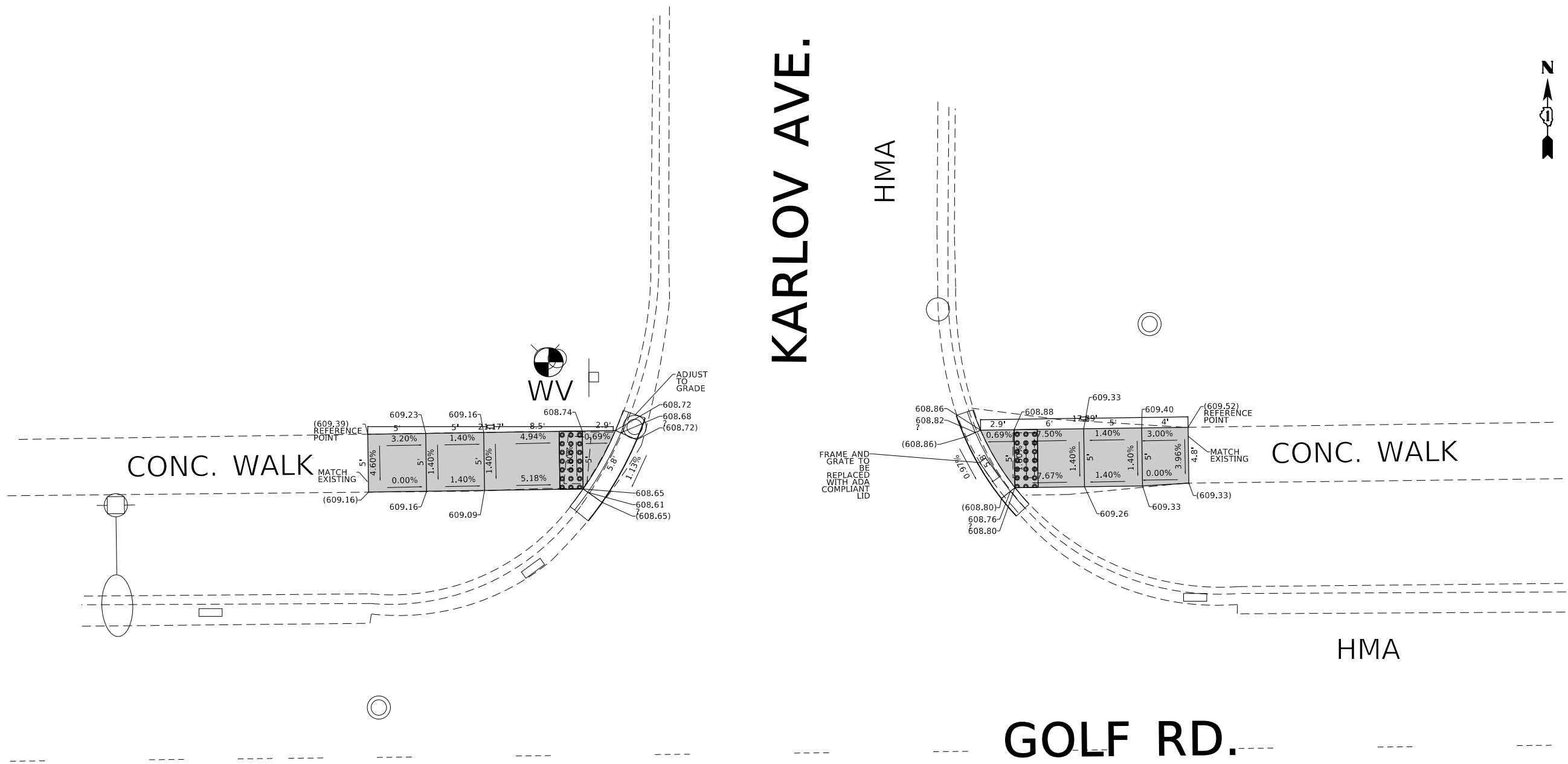
SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	41
CONTRACT NO. 62J54				
		ILLINOIS	FED. AID PROJECT	



KARLOV AVE.

HMA



CONC. WALK

CONC. WALK

HMA

GOLF RD.

HMA

REFERENCE BENCHMARK ELEV 610.87

BENCHMARK : CHISELED "X" ON SOUTHEAST CAP BOLT ON FIRE HYDRANT

LOCATION : NORTHWEST CORNER OF GOLF RD AND KARLOV AVE.

**LEGEND**

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	42
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

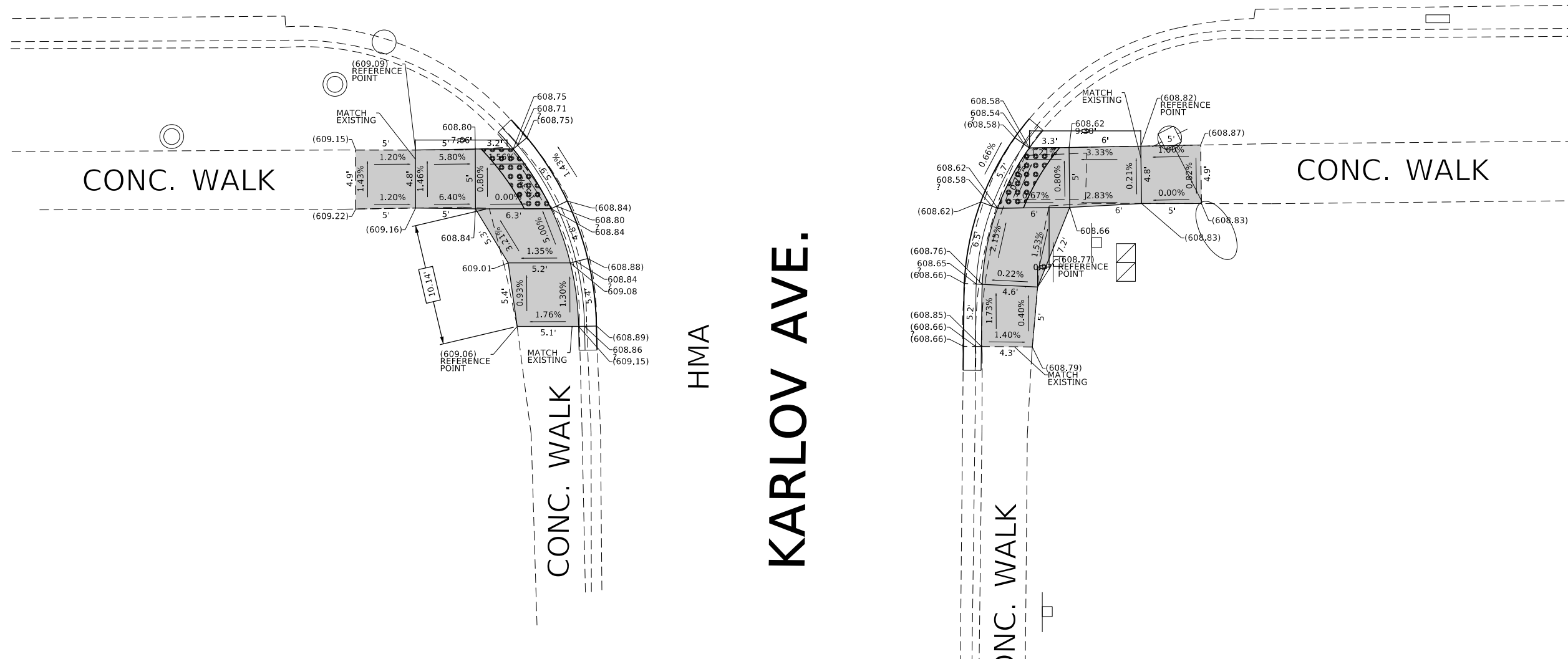
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GOLF RD.

HMA

GOLF RD.

INSUFFICIENT TURNING AREA, NO DETECTABLE WARNING TILE



REFERENCE BENCHMARK ELEV 610.87

BENCHMARK : CHISELED "X" ON SOUTHEAST CAP BOLT ON FIRE HYDRANT

LOCATION : NORTHWEST CORNER OF GOLF RD AND KARLOV AVE.

### LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

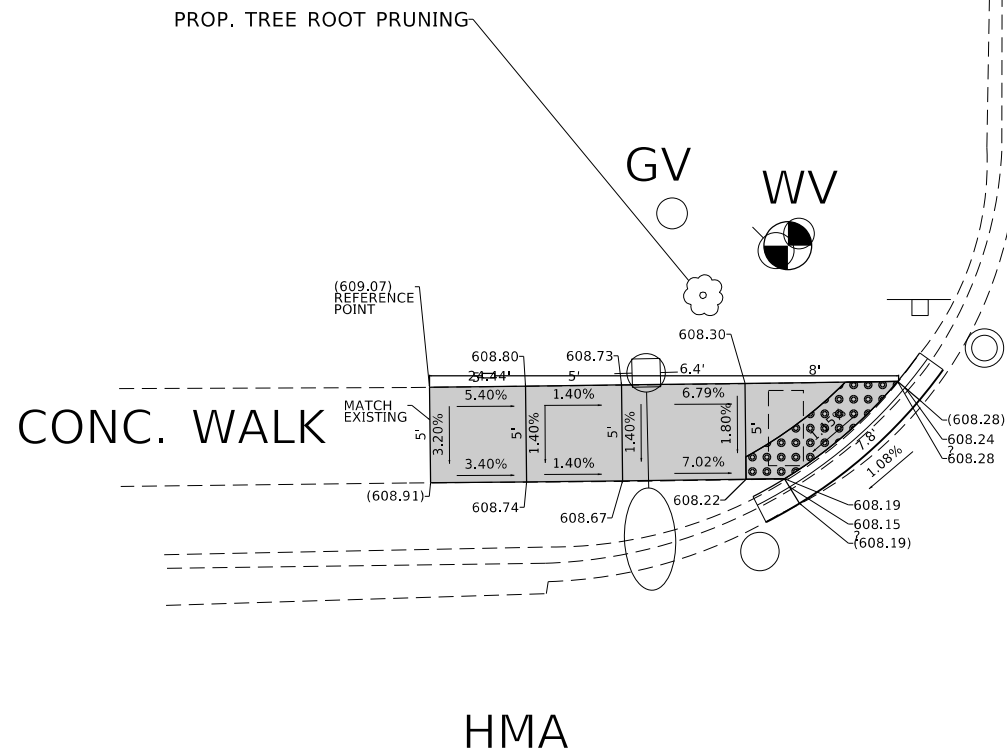
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN  
GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)

SCALE: SHEET OF SHEETS STA. TO STA.

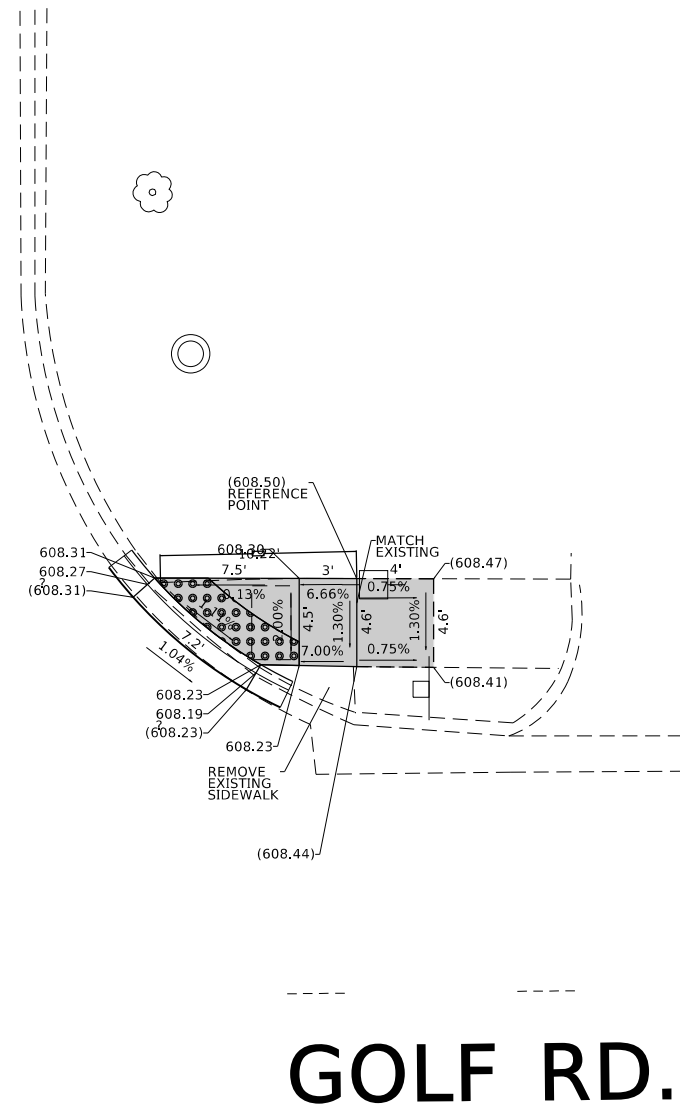
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	43
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

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KEYSTONE AVE.

HMA



GOLF RD.

REFERENCE BENCHMARK ELEV 610.85

BENCHMARK : CHISELED "X" ON SOUTHEAST CAP BOLT ON FIRE HYDRANT

LOCATION : NORTHWEST CORNER OF GOLF RD AND KEYSTONE AVE.

**LEGEND**

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	44
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

USER NAME	DESIGNED	REVISIONS
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	DRAWN	REVISIONS
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PLOT DATE = 10/17/2019	DATE	REVISIONS
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**GOLF RD.**

HMA

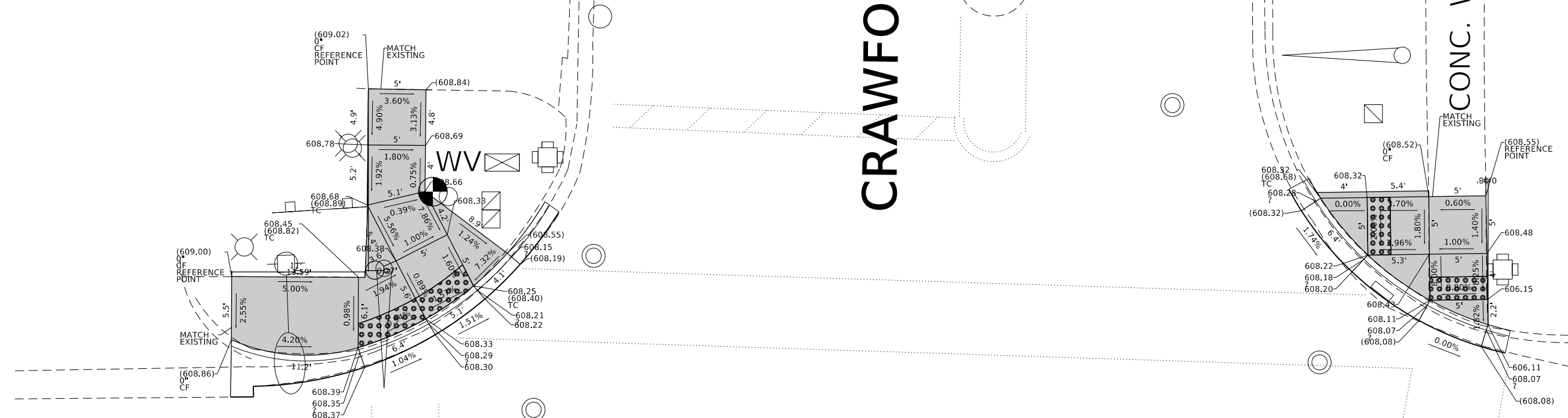
**CRAWFORD AVE.**

HMA

WV

**CONC. WALK**

HMA



REFERENCE BENCHMARK ELEV 610.75  
 BENCHMARK : CHISELED "X" ON NORTHWEST CAP BOLT ON FIRE HYDRANT  
 LOCATION : NORTHWEST CORNER OF GOLF RD AND CRAWFORD AVE.

**LEGEND**

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

USER NAME = diaza	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
 GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	45
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

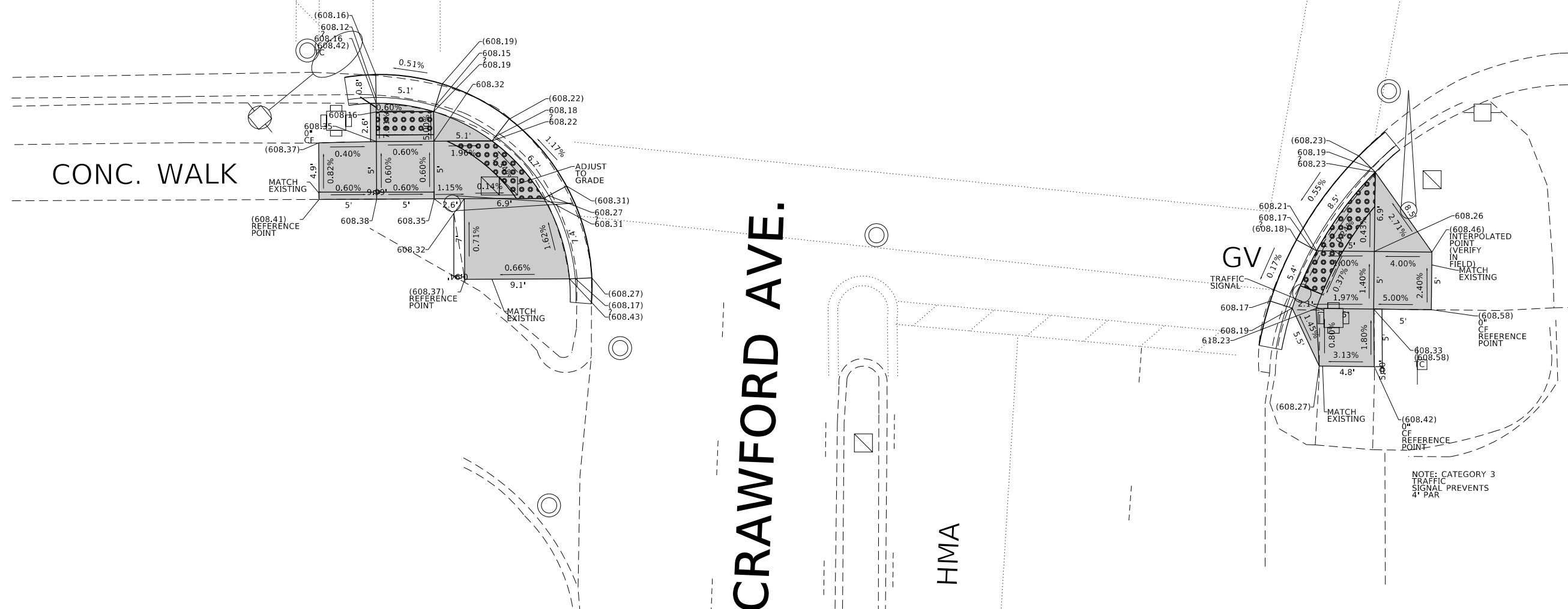
GOLF RD. HMA

HMA

CONC. WALK

CRAWFORD AVE.

HMA



NOTE: CATEGORY 3 TRAFFIC SIGNAL PREVENTS 4' PAR



REFERENCE BENCHMARK ELEV 610.75  
 BENCHMARK : CHISELED "X" ON NORTHWEST CAP BOLT ON FIRE HYDRANT  
 LOCATION : NORTHWEST CORNER OF GOLF RD AND CRAWFORD AVE.

**LEGEND**

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
( )	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

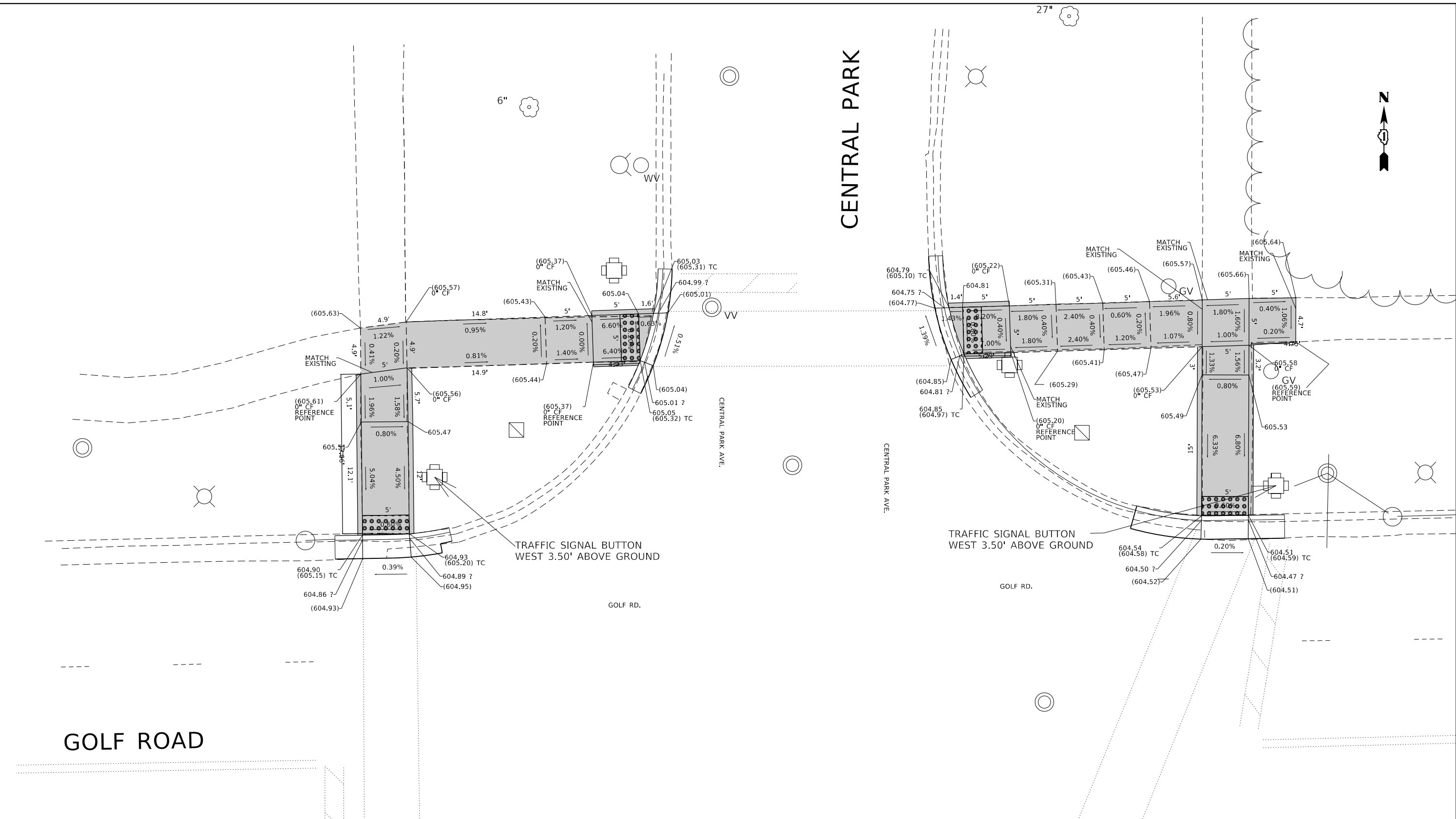
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	46
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

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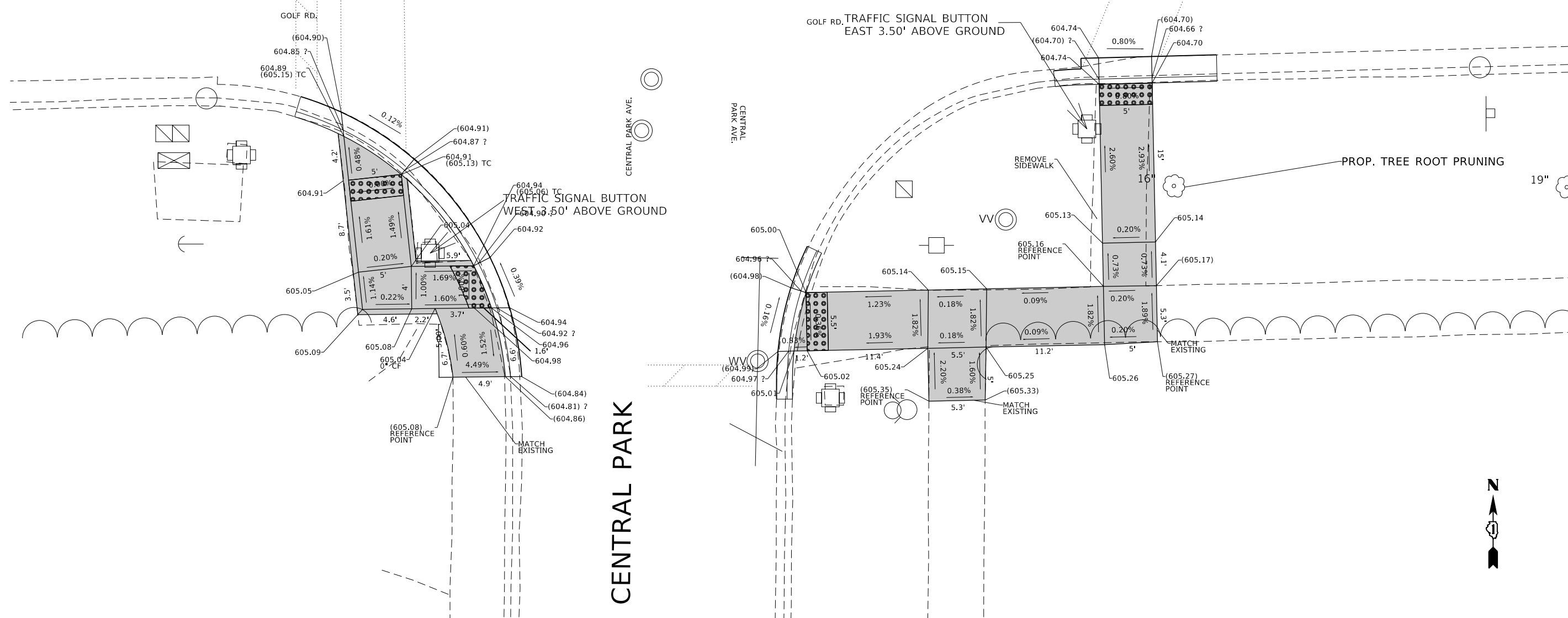
REFERENCE BENCHMARK ELEV 606.35  
 BENCHMARK : SOUTHWEST TAG BOLT ON FIRE HYDRANT  
 LOCATION : NORTHWEST CORNER OF GOLF RD AND CENTRAL PARK

**LEGEND**

<span style="border: 1px solid black; padding: 2px;">xx.xx'</span>	EXISTING LENGTH	<span style="display: inline-block; width: 15px; height: 15px; background-color: gray; border: 1px solid black;"></span>	PROPOSED SIDEWALK
<span style="border-bottom: 2px solid black; width: 20px; display: inline-block;"></span>	PROPOSED SIDE CURB	<span style="display: inline-block; width: 15px; height: 15px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DETECTABLE WARNINGS
( )	EXISTING ELEVATION/SLOPE	<span style="display: inline-block; width: 15px; height: 15px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = diaza PLOT SCALE = 10.0000 ' / in. PLOT DATE = 10/17/2019	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS                  DEPARTMENT OF TRANSPORTATION</b>	<b>SIDEWALK DETAIL PLAN                  GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)</b>	F.A.U. RTE. 1312	SECTION 2019-069-R5&SW	COUNTY COOK	TOTAL SHEETS 86	SHEET NO. 47
	SCALE: SHEET OF SHEETS STA. TO STA.					ILLINOIS FED. AID PROJECT CONTRACT NO. 62J54			

GOLF ROAD



CENTRAL PARK



REFERENCE BENCHMARK ELEV 606.35

BENCHMARK : SOUTHWEST TAG BOLT ON FIRE HYDRANT

LOCATION : NORTHWEST CORNER OF GOLF RD AND CENTRAL PARK

**LEGEND**

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN  
GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)

SCALE: SHEET OF SHEETS STA. TO STA.

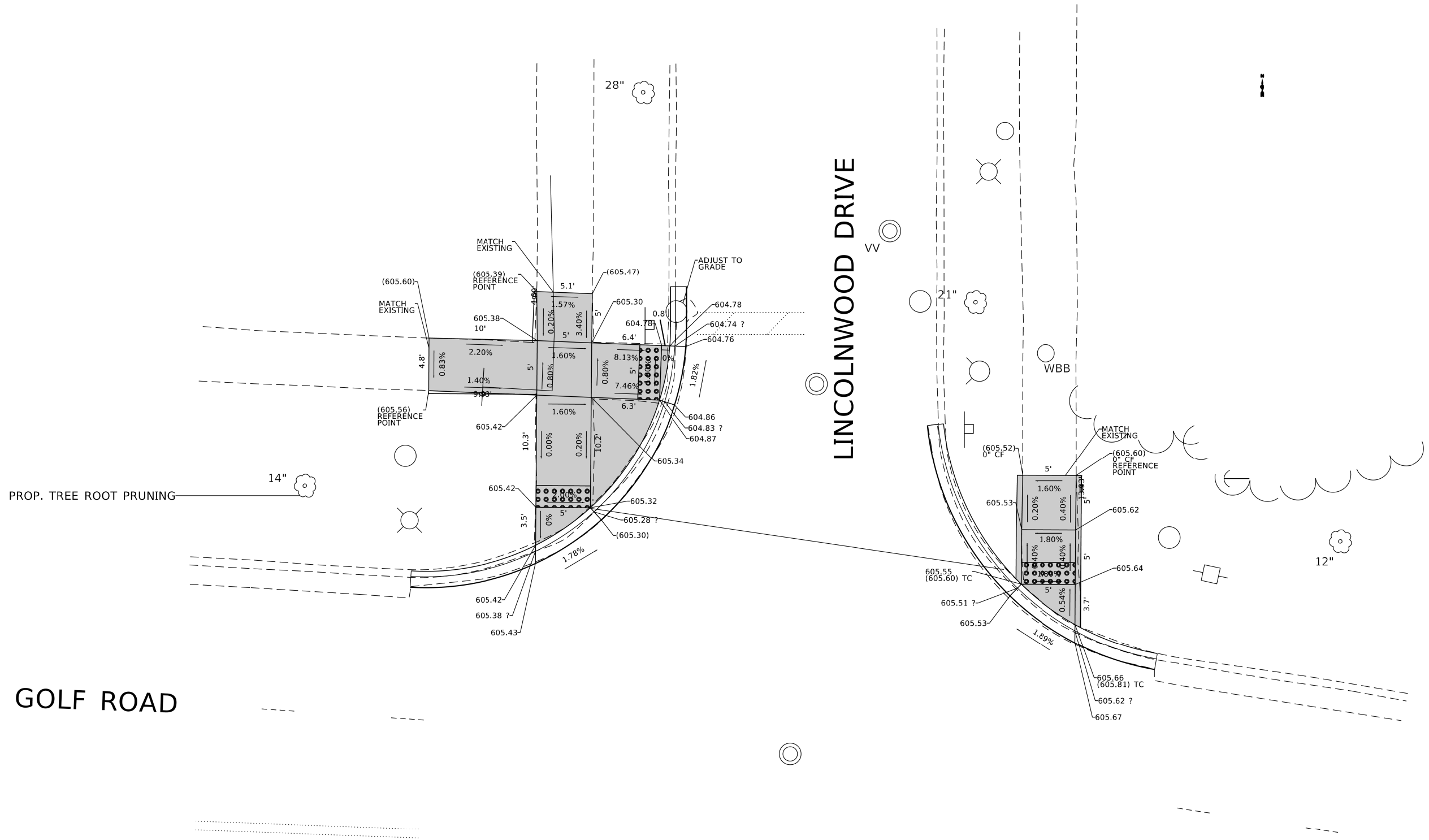
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	48
CONTRACT NO. 62J54				
ILLINOIS		FED. AID PROJECT		

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	DRAWN	REVISION
	-	-
	CHECKED	REVISION
	-	-
	DATE	REVISION
	-	-

PLOT SCALE = 10.0000' / in.  
PLOT DATE = 10/17/2019





GOLF ROAD

LINCOLNWOOD DRIVE

REFERENCE BENCHMARK ELEV 606.70  
 BENCHMARK : NORTHEAST TAG BOLT ON FIRE HYDRANT  
 LOCATION : NORTHEAST CORNER OF GOLF RD AND LINCOLNWOOD DRIVE

**LEGEND**

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
==	PROPOSED SIDE CURB		DETECTABLE WARNINGS
( )	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK DETAIL PLAN**  
 GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	49
CONTRACT NO. 62J54				

SCALE: SHEET OF SHEETS STA. TO STA.

USER NAME = diaza	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/18/2019	CHECKED -	REVISED -
	DATE -	REVISED -

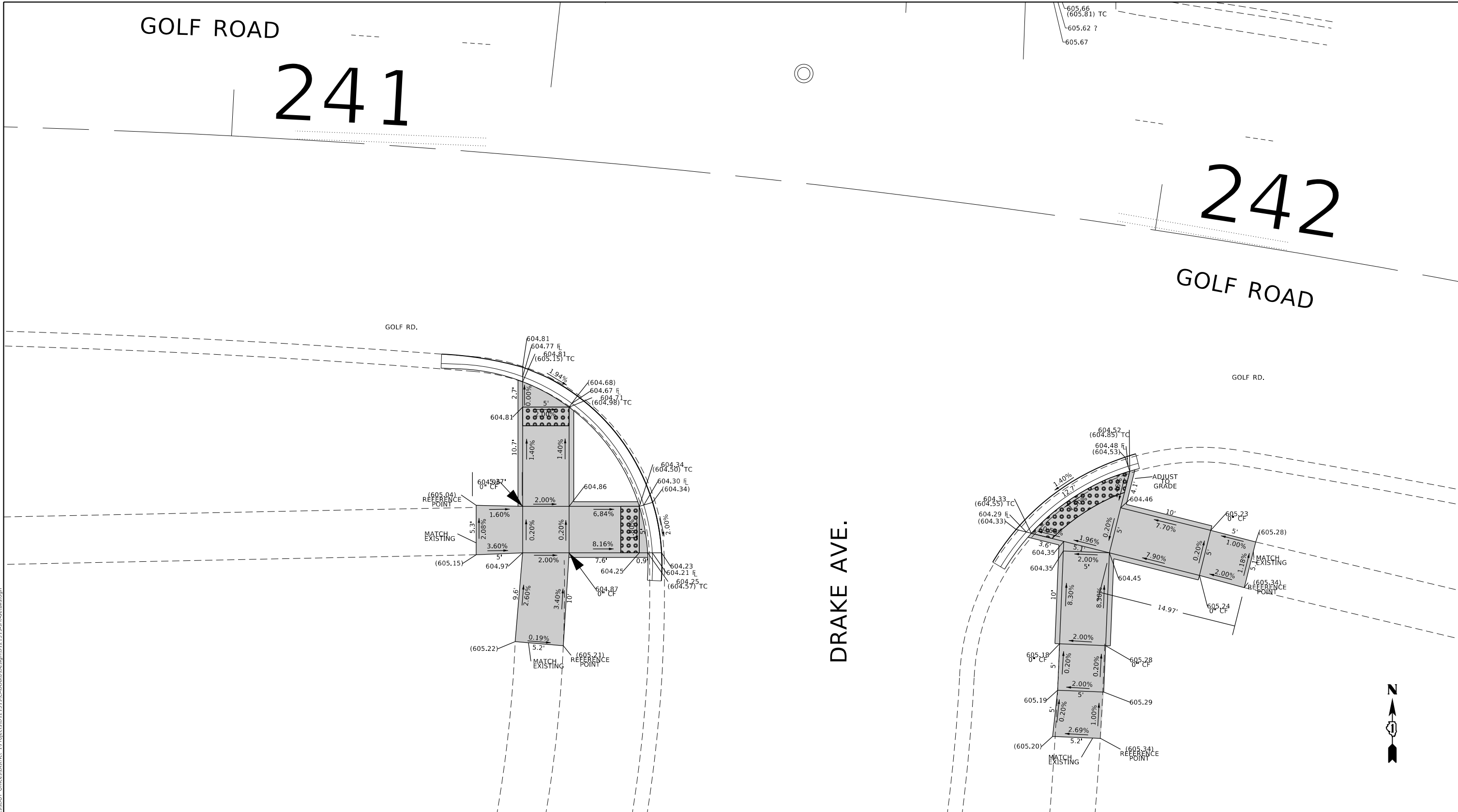
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GOLF ROAD

241

242

GOLF ROAD



REFERENCE BENCHMARK ELEV 606.84

BENCHMARK : SOUTHWEST TAG BOLT ON FIRE HYDRANT

LOCATION : SOUTHWEST CORNER OF GOLF RD AND DRAKE AVENUE

### LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

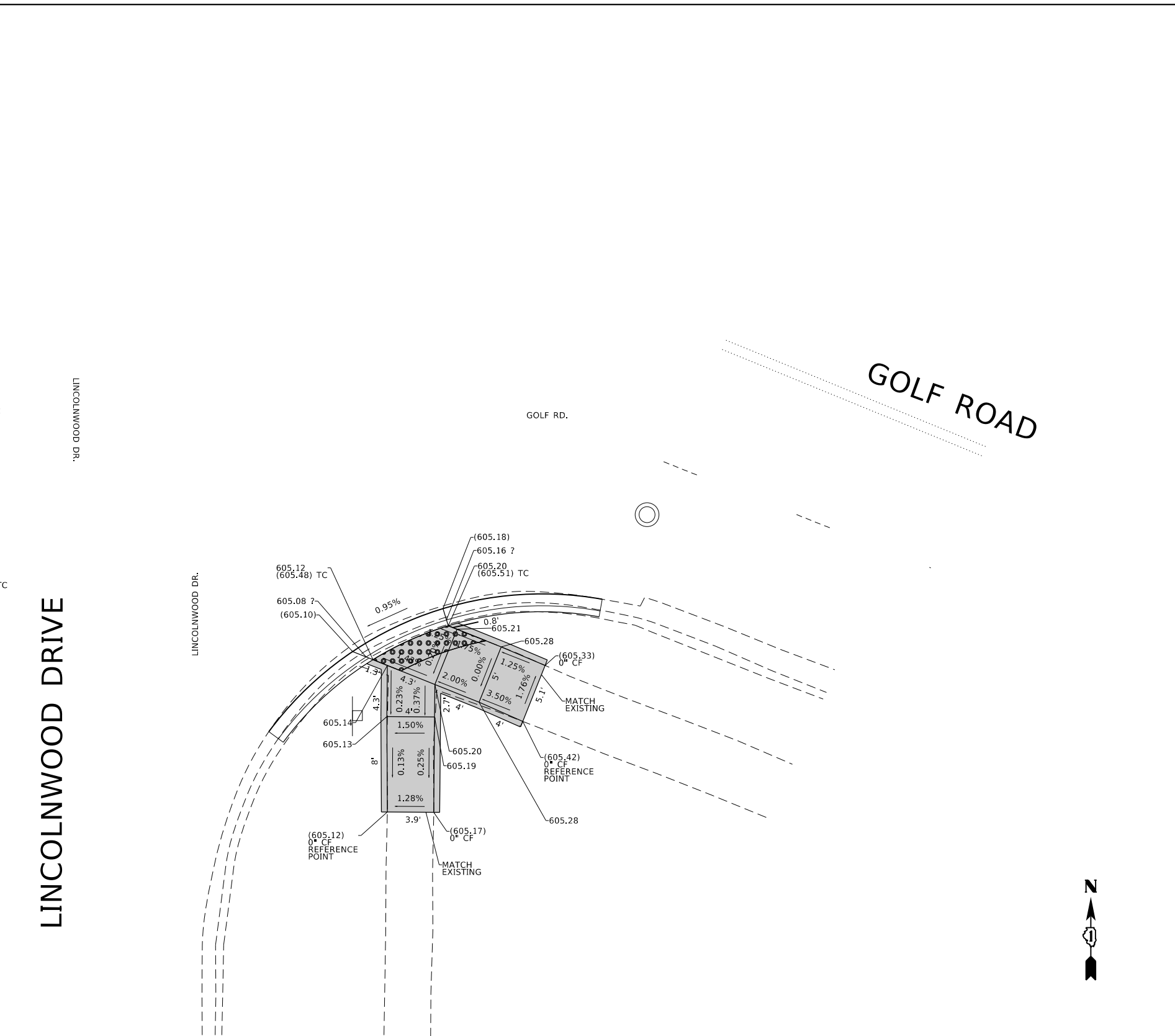
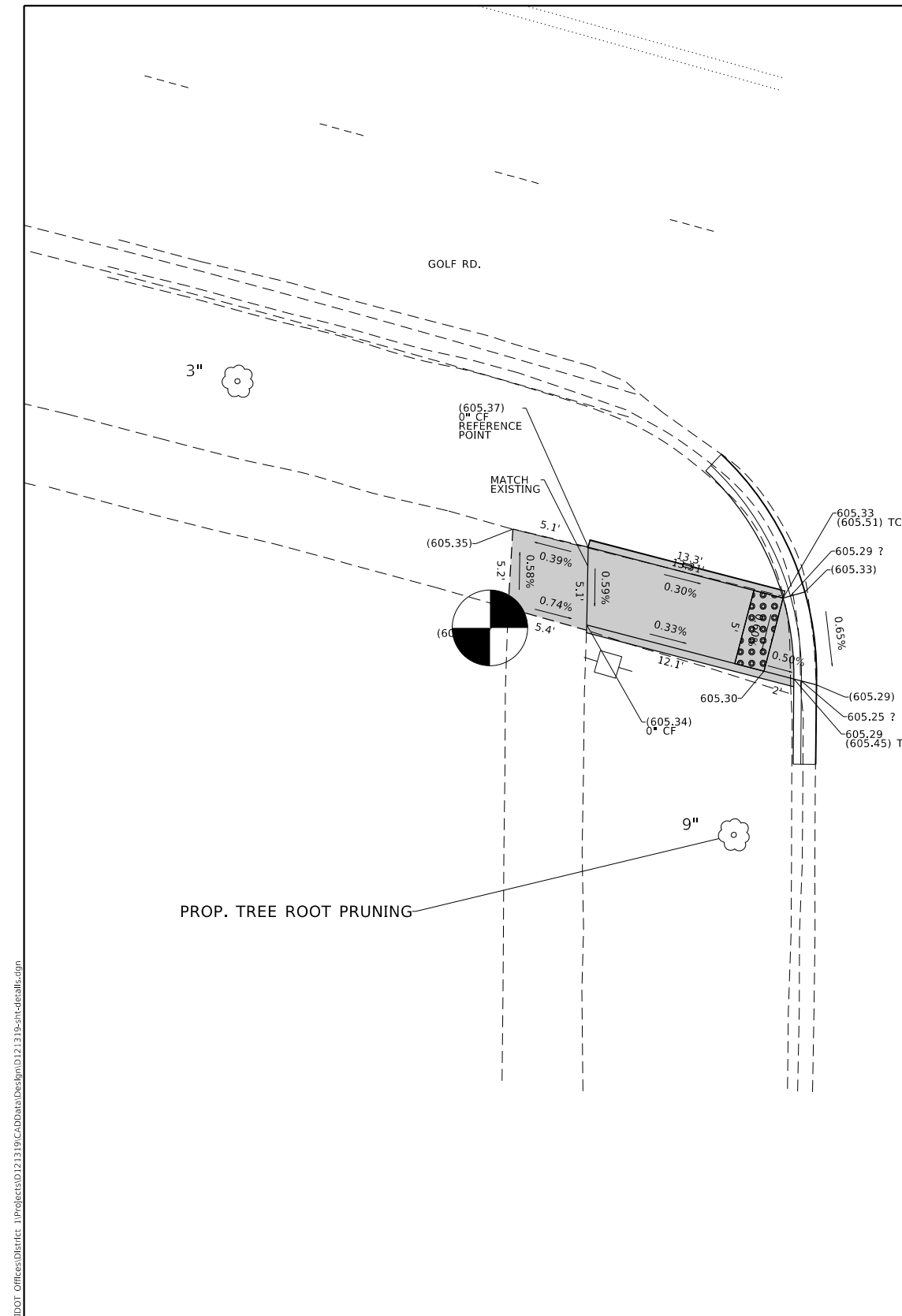
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN  
GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)

USER NAME = diaza	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	50
CONTRACT NO. 62J54				



LINCOLNWOOD DRIVE

PROP. TREE ROOT PRUNING

REFERENCE BENCHMARK ELEV 606.74

BENCHMARK : "X" CUT ON NORTH SIDE OF CONCRETE BASE OF LIGHT POLE

LOCATION : NORTHEAST CORNER OF GOLF RD AND LINCOLNWOOD DRIVE

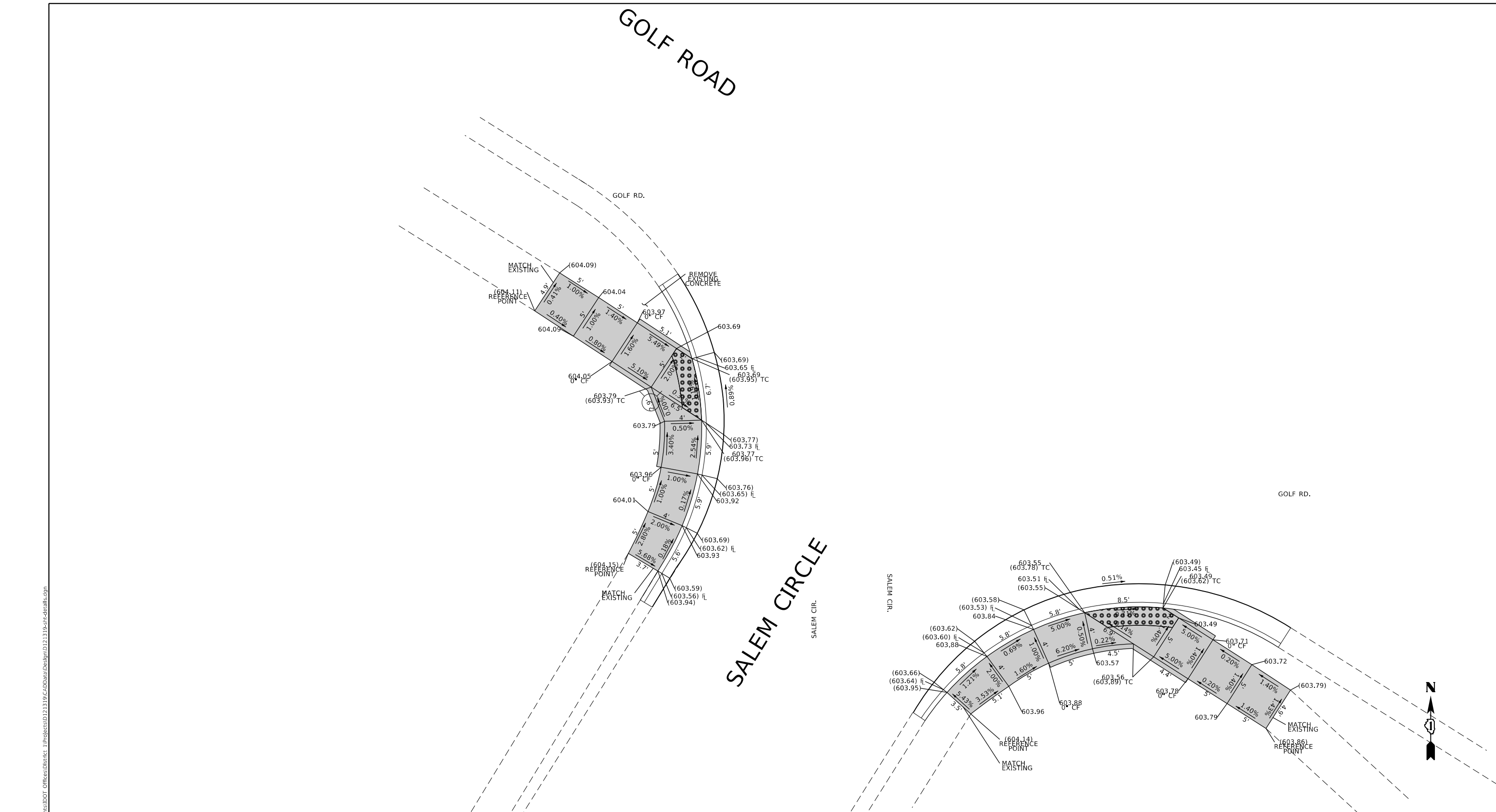
LEGEND	
xx.xx'	EXISTING LENGTH
=====	PROPOSED SIDE CURB
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD



MODEL: Default  
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -																									
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																							
1312	2019-069-R5&SW	COOK	86	51																							
CONTRACT NO. 62J54																											
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____			ILLINOIS FED. AID PROJECT																								





REFERENCE BENCHMARK ELEV 606.21

BENCHMARK : "ARROW" BOLT ON FIRE HYDRANT

LOCATION : SOUTHEAST CORNER OF GOLF RD AND EWING AVENUE

### LEGEND

<span style="border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> EXISTING LENGTH	<div style="width: 20px; height: 20px; background-color: gray; border: 1px solid black;"></div> PROPOSED SIDEWALK
<span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span> PROPOSED SIDE CURB	<div style="width: 20px; height: 20px; background-image: radial-gradient(circle, black 1px, transparent 1px); background-size: 4px 4px; border: 1px solid black;"></div> DETECTABLE WARNINGS
( ) EXISTING ELEVATION/SLOPE	<div style="width: 20px; height: 20px; border: 2px dashed black; border-radius: 50%;"></div> SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

MODEL: Default  
 FILE: \\blakep... \pub\blakep... \projects\121319\CADD\Drawings\DOT Office\Detail.dwg  
 PROJECT: 121319\CADD\Drawings\DOT Office\Detail.dwg

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) – MCCORMICK BOULEVARD)**

USER NAME = diazi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	53
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62J54

SCALE:      SHEET OF SHEETS      STA. TO STA.



MCDANIEL AVE.

GOLF ROAD

GOLF ROAD

MODEL: Default  
 FILE: h:\mcc\p\pub\baronm.dwg  
 PROJECT: 1319\CD\DATA\DESIGN\1319-SH-Detail.dgn

REFERENCE BENCHMARK ELEV 601.35  
 BENCHMARK : NORTHEAST TOP FLANGE BOLT ON FIRE HYDRANT  
 LOCATION : NORTHWEST CORNER OF GOLF RD AND MCDANIEL AVENUE

**LEGEND**

<span style="border: 1px solid black; padding: 2px;">xx.xx'</span>	EXISTING LENGTH	<span style="display: inline-block; width: 15px; height: 15px; background-color: gray; border: 1px solid black;"></span>	PROPOSED SIDEWALK
<span style="border-top: 1px solid black; border-bottom: 1px solid black; width: 15px; display: inline-block;"></span>	PROPOSED SIDE CURB	<span style="display: inline-block; width: 15px; height: 15px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DETECTABLE WARNINGS
( )	EXISTING ELEVATION/SLOPE	<span style="display: inline-block; width: 15px; height: 15px; border: 1px solid black; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px);"></span>	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

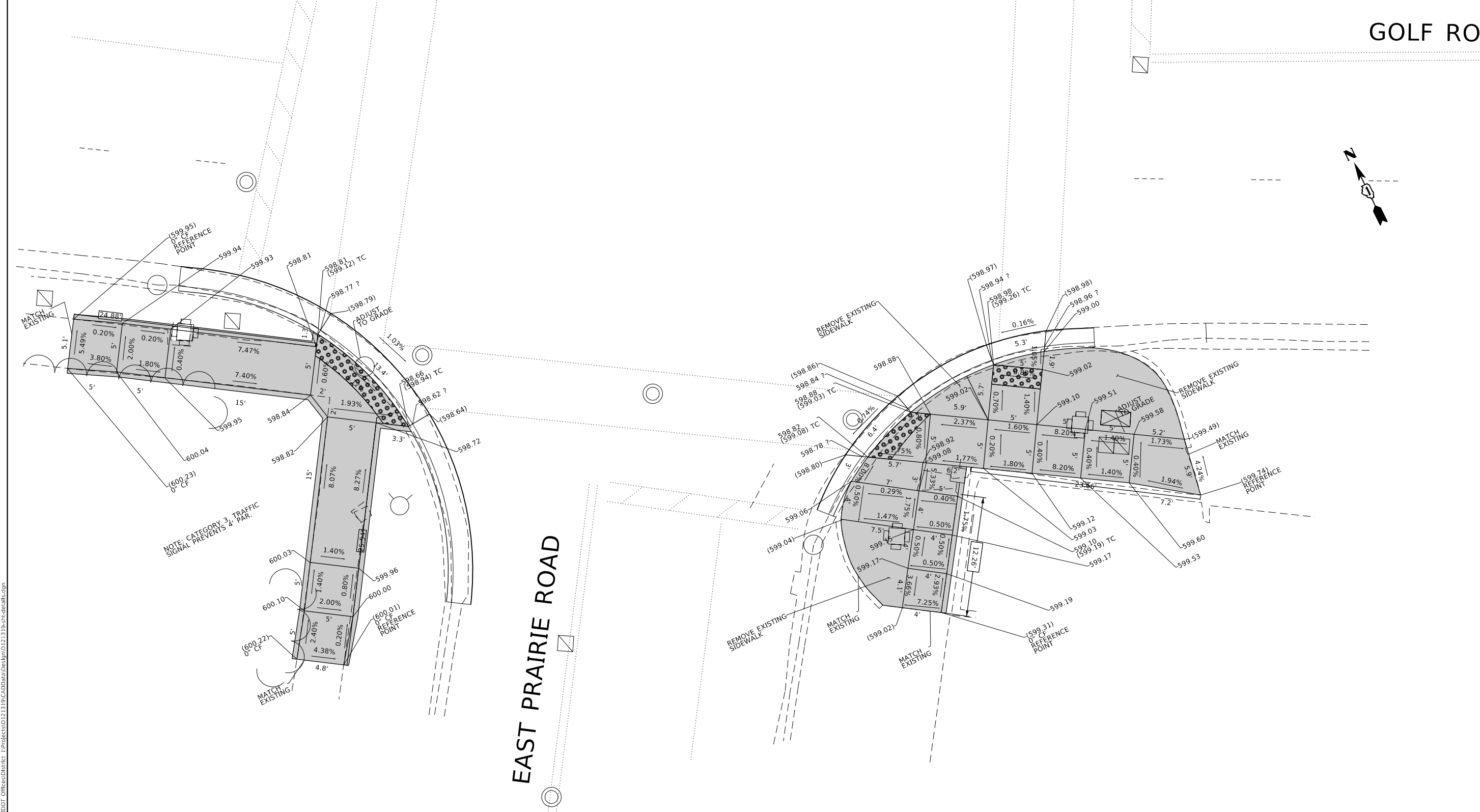
USER NAME = diaza	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	54
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				



GOLF ROAD

EAST PRAIRIE ROAD

REFERENCE BENCHMARK ELEV 601.35  
 BENCHMARK : NORTHEAST TOP FLANGE BOLT ON FIRE HYDRANT  
 LOCATION : NORTHWEST CORNER OF GOLF RD AND McDANIEL AVENUE

**LEGEND**

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = diaza	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

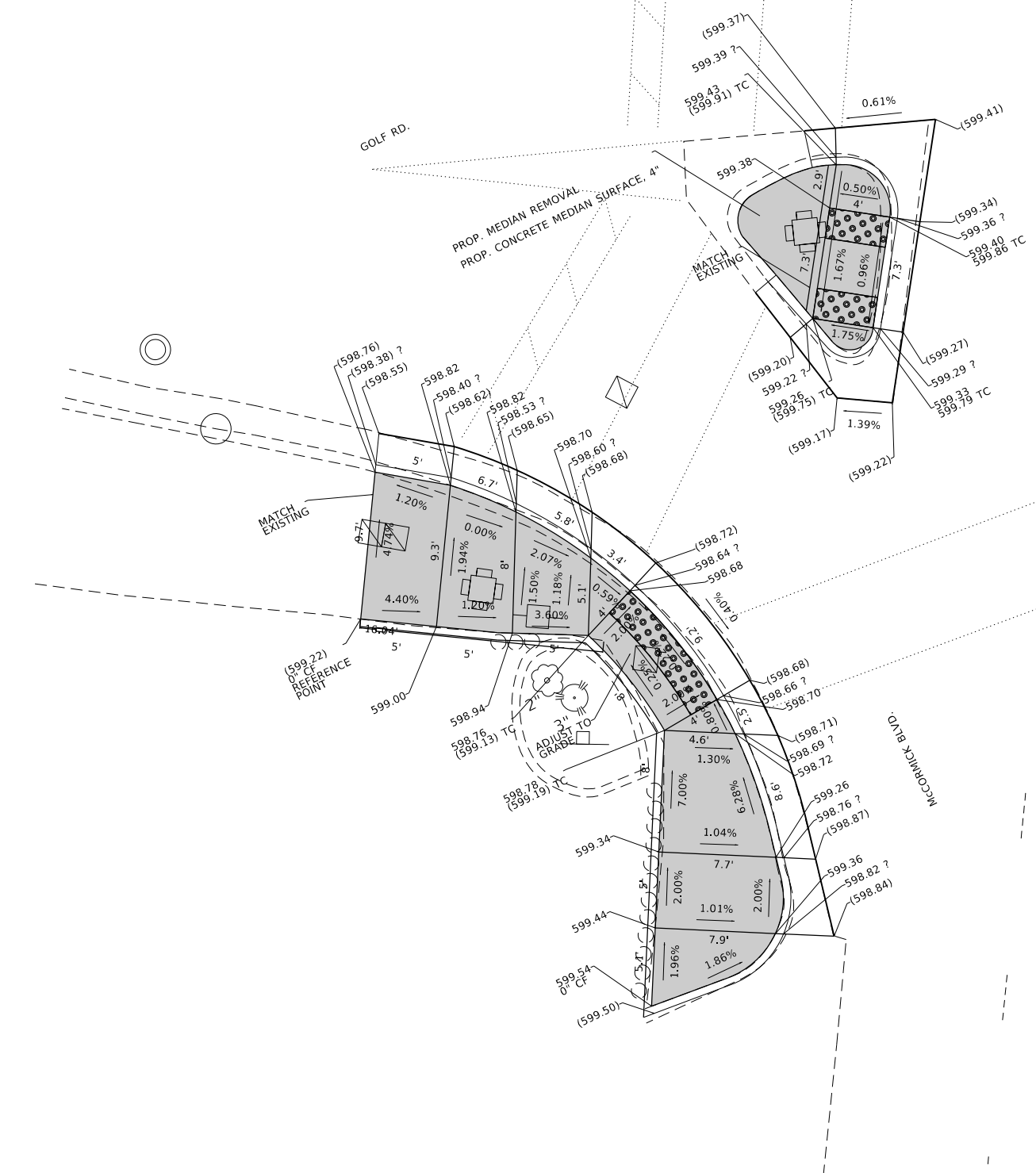
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK DETAIL PLAN**  
**GOLF ROAD (IL ROUTE 43 (WAUKEGAN ROAD) - MCCORMICK BOULEVARD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	55
CONTRACT NO. 62J54				

MODEL: Default  
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 OFFICE: 121319\CaddData\Design\121319-sh-detailed.dwg  
 DATE: 10/17/2019



REFERENCE BENCHMARK ELEV 601.82

BENCHMARK : TOP NORTH FLANGE BOLT ON FIRE HYDRANT

LOCATION : SOUTHEAST CORNER OF GOLF RD AND MCCORMICK BLVD

**LEGEND**

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
GOLF ROAD (IL. ROUTE 43 (WAUKEGAN ROAD) – MCCORMICK BOULEVARD)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-R5&SW	COOK	86	56
CONTRACT NO. 62J54				
		ILLINOIS	FED. AID PROJECT	

USER NAME = diaza	DESIGNED -	REVISED -
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PLOT DATE = 10/17/2019	DATE -	REVISED -

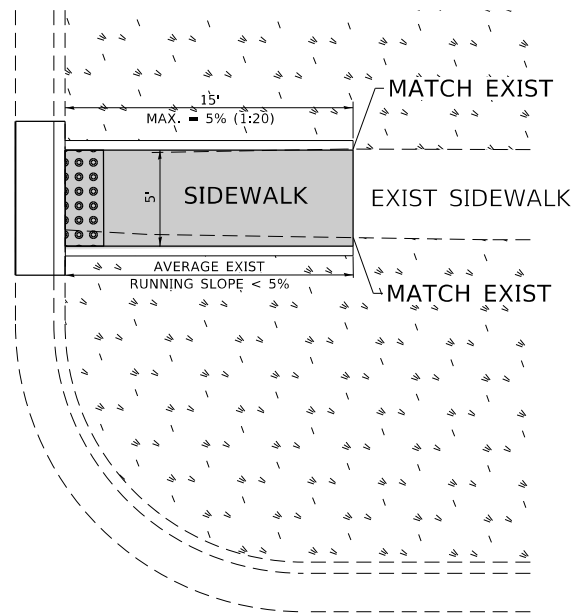
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SCALE: SHEET OF SHEETS STA. TO STA.

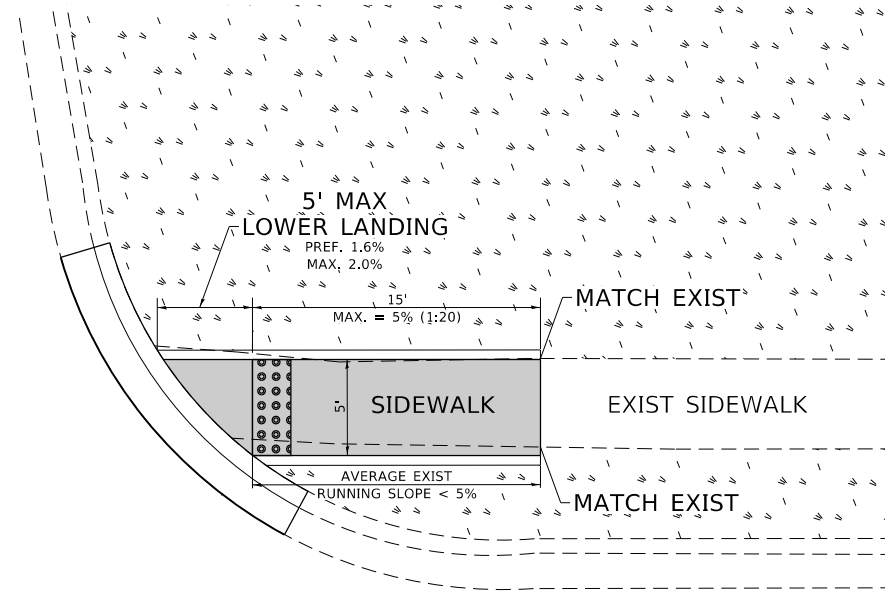


# ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

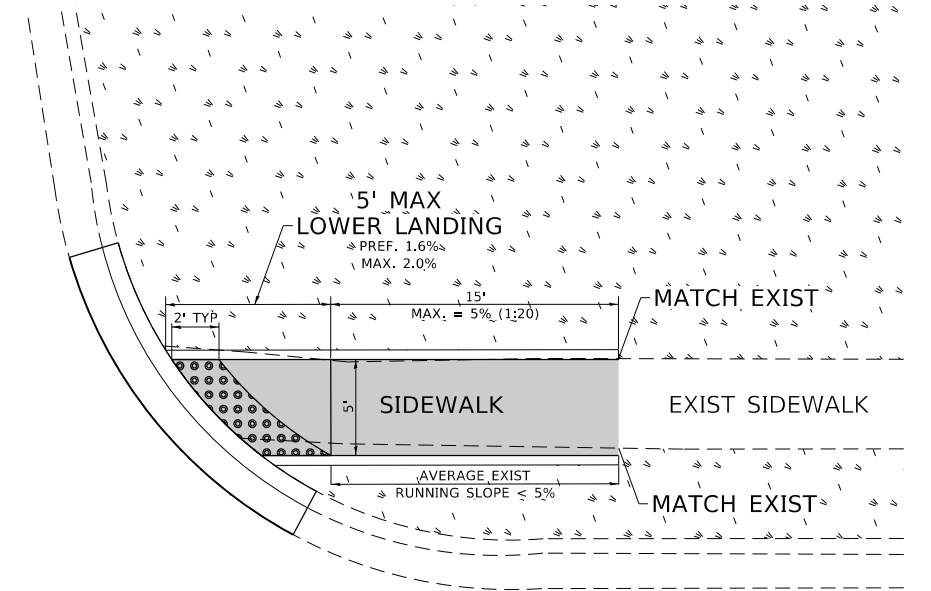
**PD-01A**



**PD-01B**



**PD-01C**



**LEGEND**

- EXIST. GRASS
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

**CONSTRUCTION NOTES:**

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

MODEL: Default  
FILE: ModelC:publanroom.dta\illinois.gov\WIDOT\Documents\DOT\_Offices\Director\_1\Projects\121319\CaddData\Design\DES\01.dgn

USER NAME = diaza	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

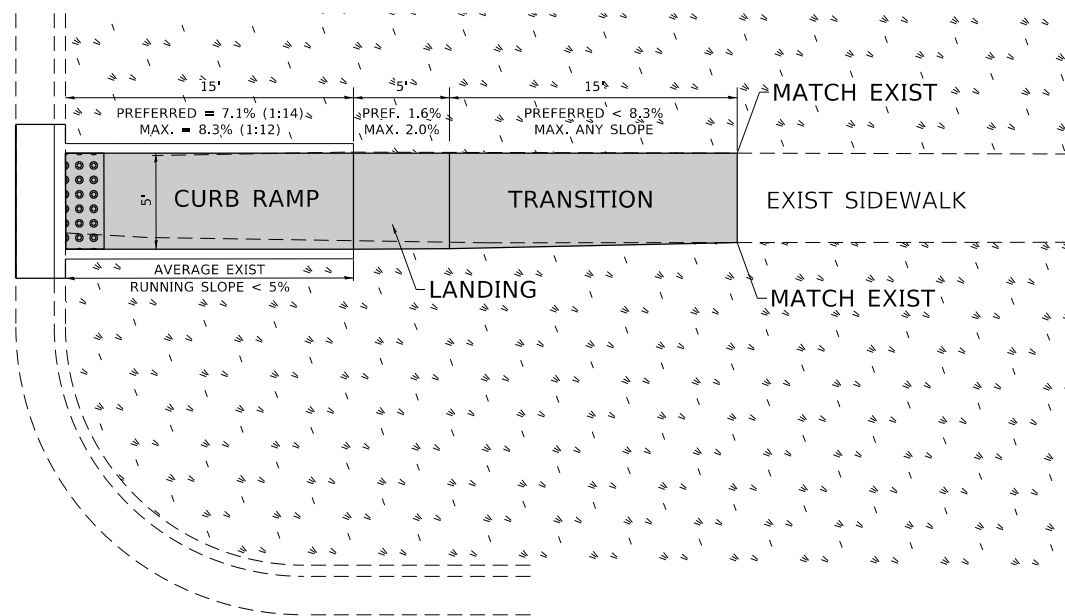
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS  
(PD-01)**

SCALE: NONE      SHEET      OF      SHEETS      STA.      TO STA.

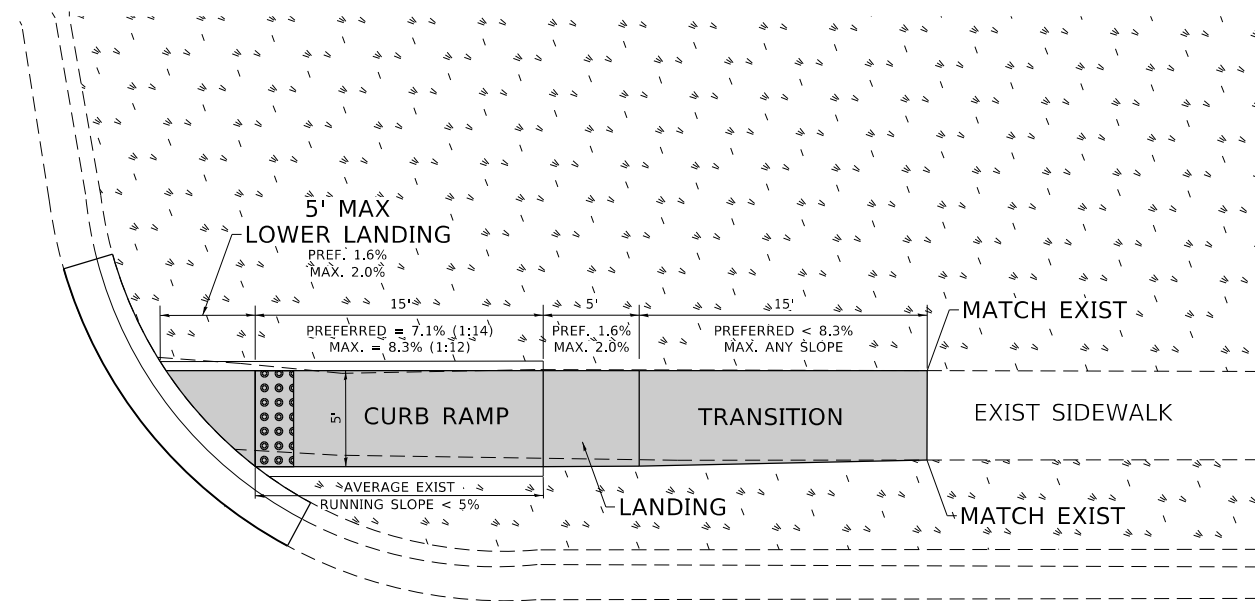
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	57
PD-01			CONTRACT NO. 62J54	
ILLINOIS   FED. AID PROJECT				

# ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR GREATER RUN. SLOPE

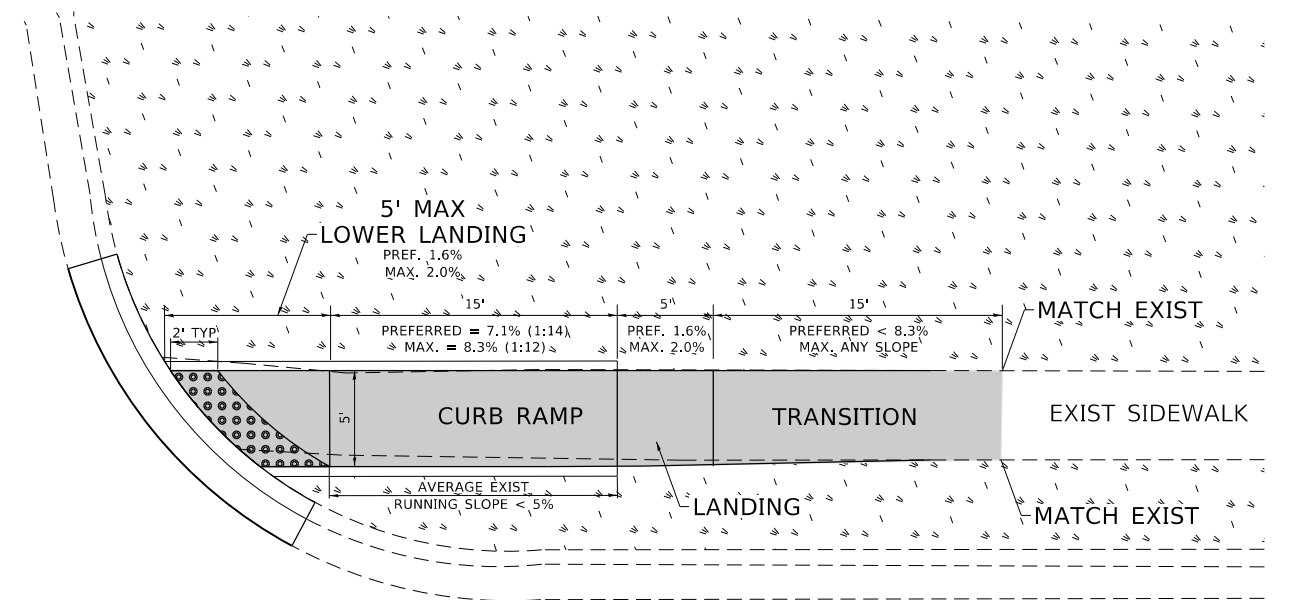
**PD-02A**



**PD-02B**



**PD-02C**



**LEGEND**

- EXIST. GRASS
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS

**CONSTRUCTION NOTES:**

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

MODEL: Default  
FILE: \\baron.com\data\illinois\pww\DOT\Documents\DOT\_Offices\Illinet\1\Projects\121319\CADD\Drawings\Design\DRS\02.dgn

USER NAME = diaza	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - R. LEDEZMA	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

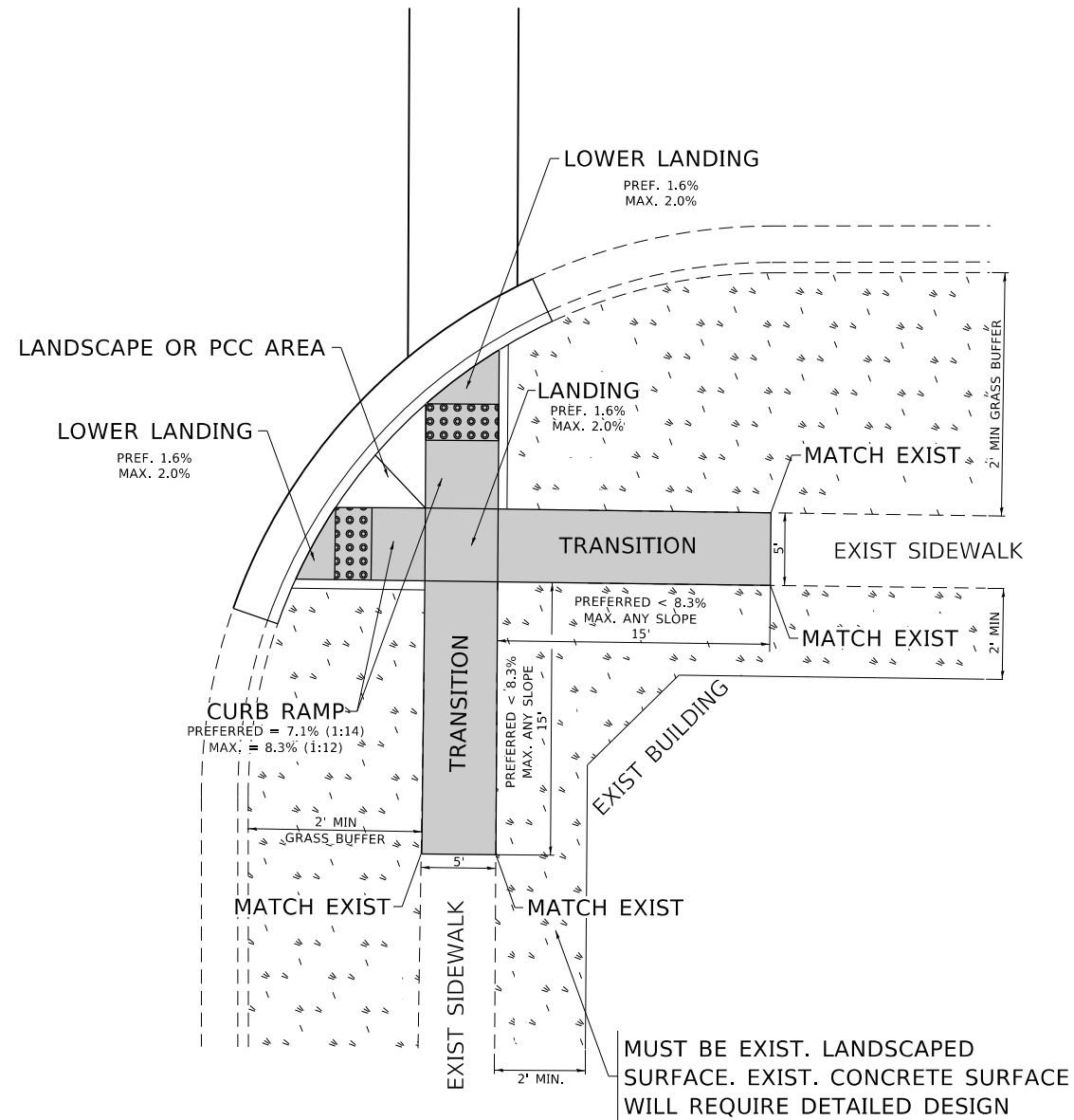
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS  
(PD-02)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

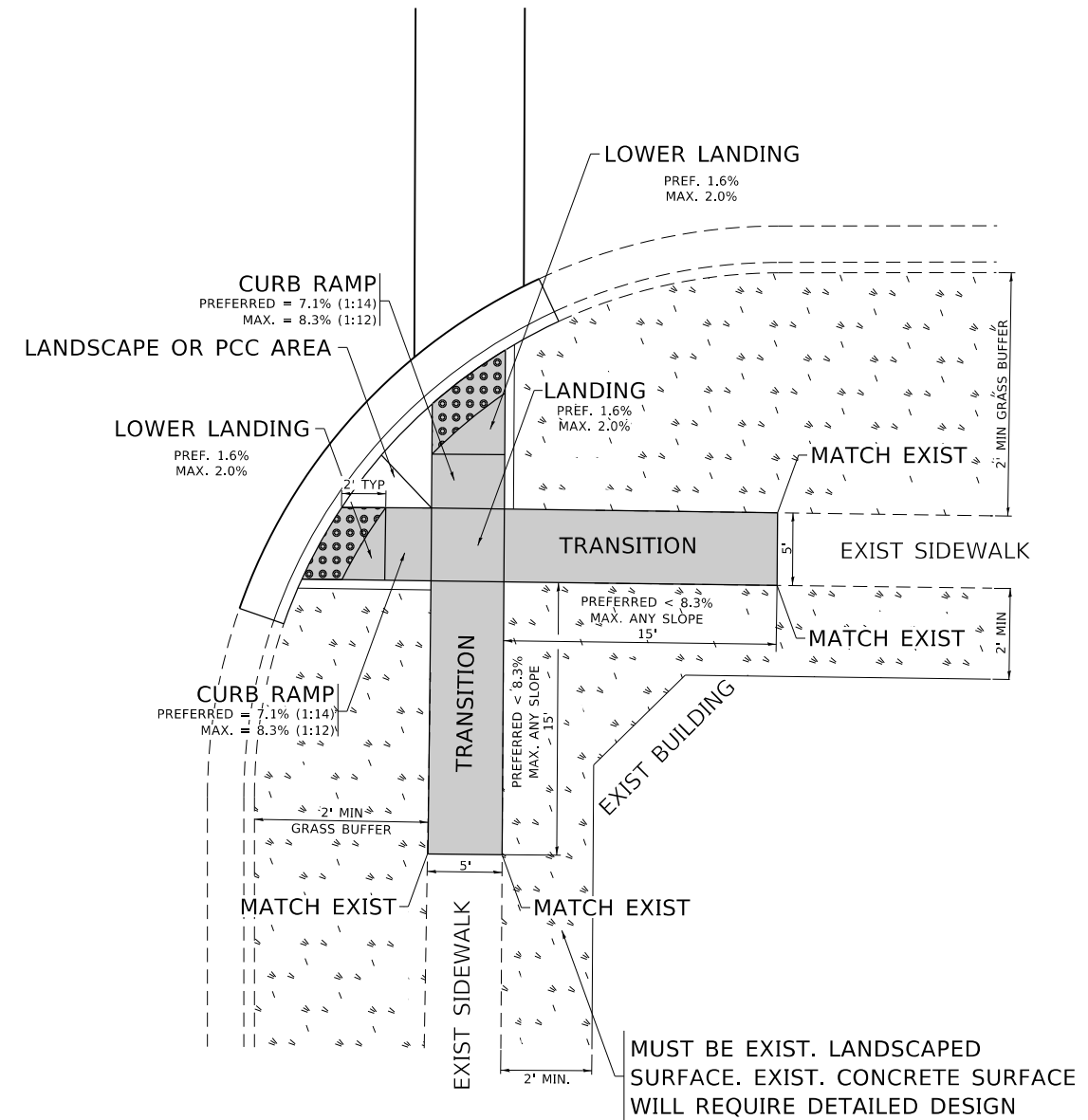
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	58
PD-02			CONTRACT NO. 62J54	
ILLINOIS FED. AID PROJECT				

# ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

**PD-03A**



**PD-03B**



**LEGEND**

- EXIST. GRASS
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS

**CONSTRUCTION NOTES:**

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

MODEL: Default  
FILE: Model\_C\_PlanView.dwg  
PROJECT: PD-03A  
DATE: 10/17/2019

USER NAME = diazi	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

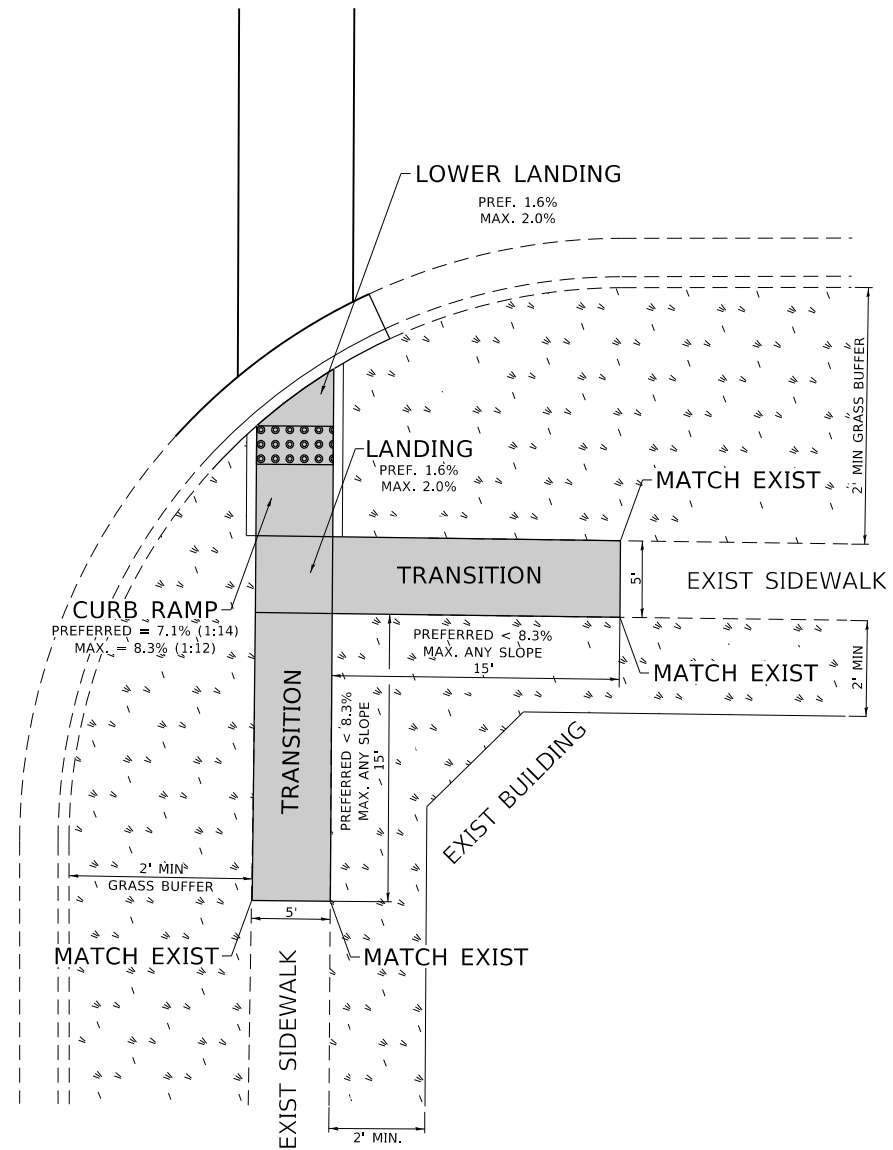
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS  
(PD-03)**

SCALE: NONE    SHEET    OF    SHEETS    STA.    TO STA.

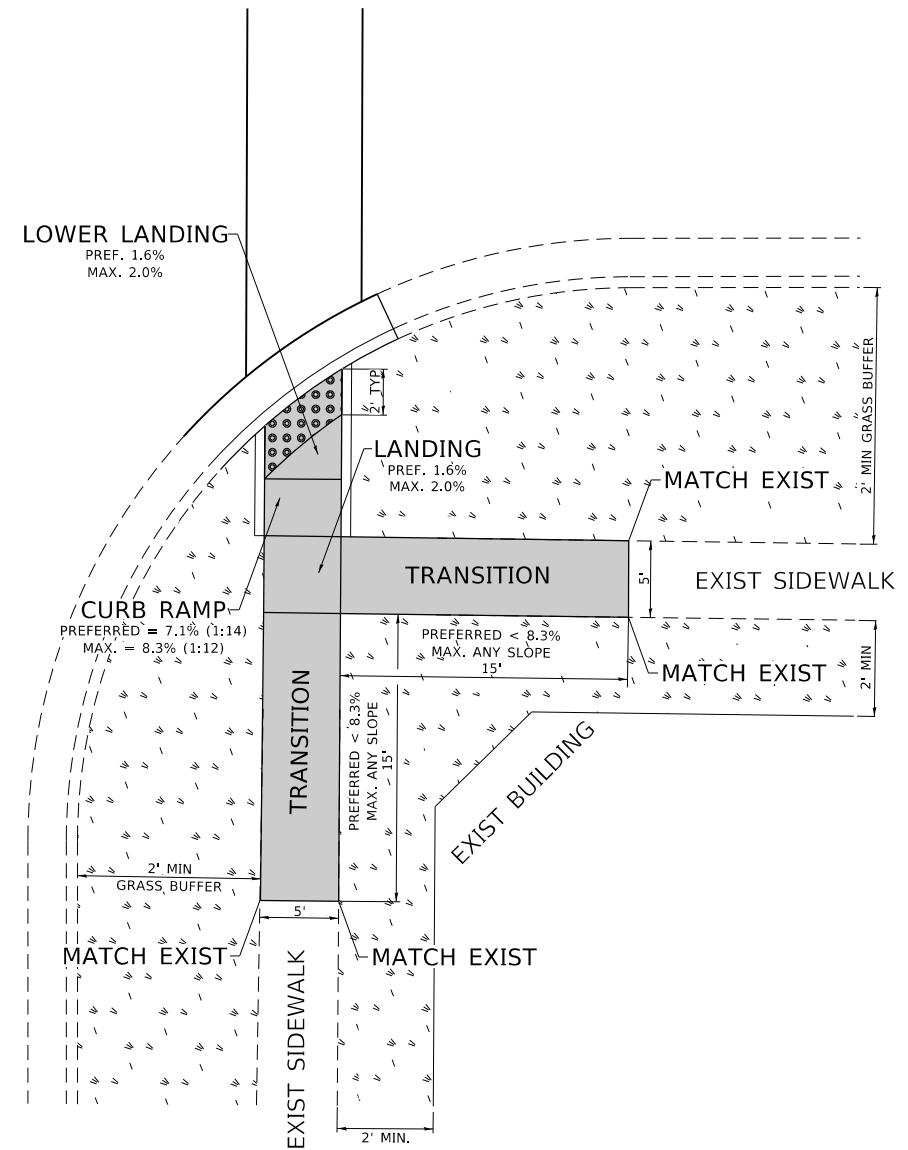
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	59
PD-03			CONTRACT NO. 62J54	
ILLINOIS FED. AID PROJECT				

# ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

**PD-04A**



**PD-04B**



**LEGEND**

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

**CONSTRUCTION NOTES:**

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

MODEL: Default  
FILE: h:\mhc\_p\pub\barroom.d\illinois.gov\PROJECTS\DOT Documents\DOT Office\Drawings\Projects\DOT\1\Projects\121319\CADD\Drawings\Design\DESIGN.dgn

USER NAME = diaza	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

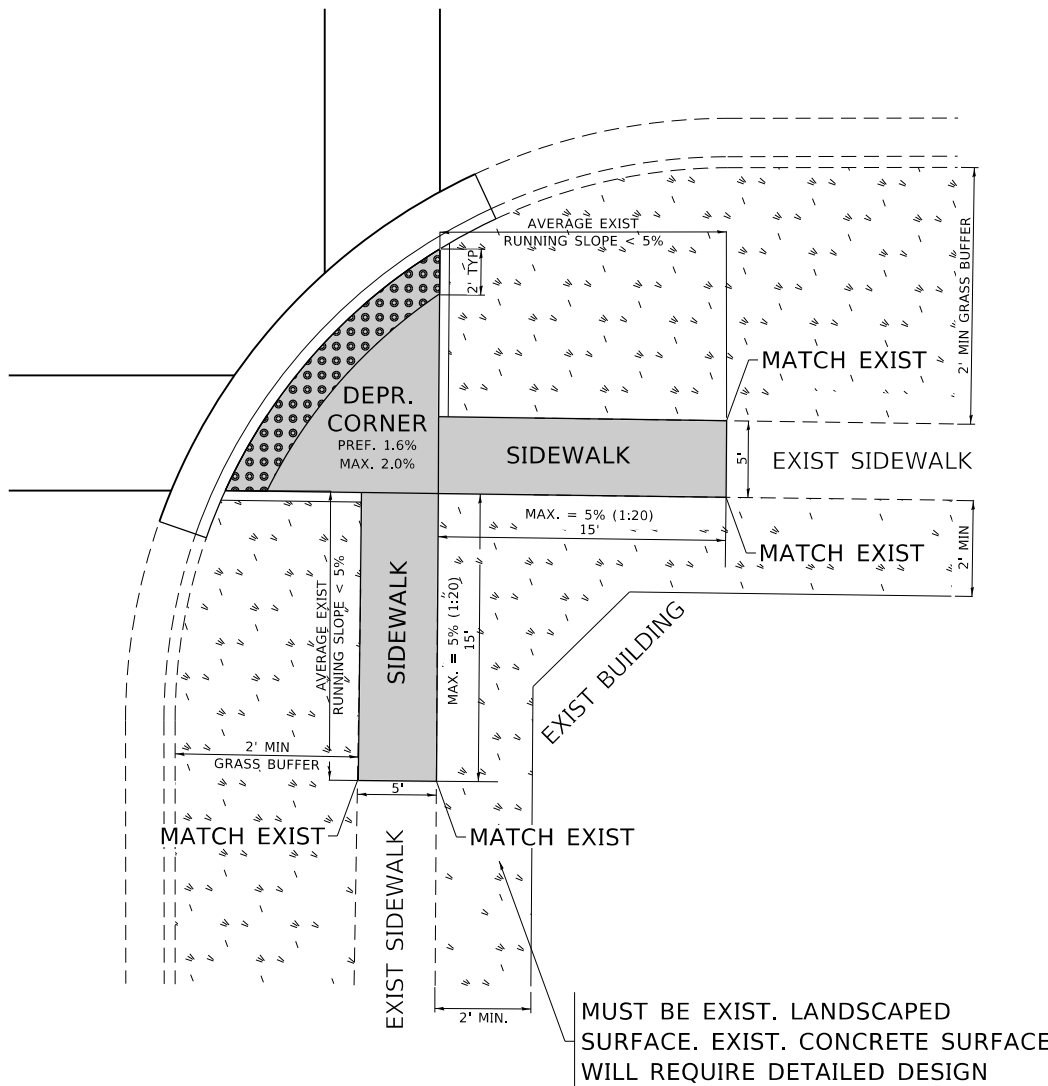
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS  
(PD-04)**

SCALE: NONE    SHEET    OF    SHEETS    STA.    TO    STA.

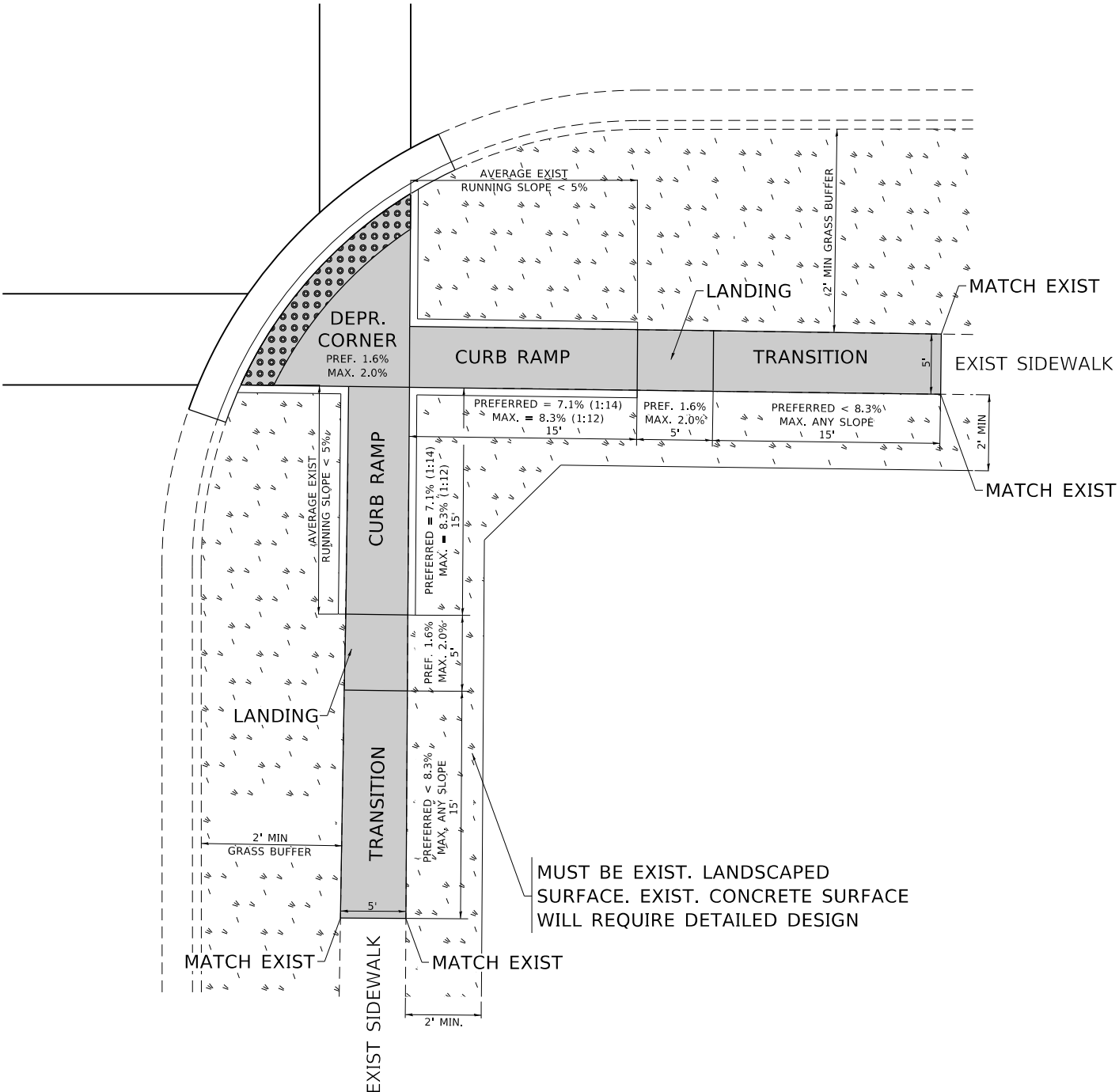
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	60
PD-04		CONTRACT NO. 62J54		
ILLINOIS    FED. AID PROJECT				

# ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

**PD-05A**



**PD-05B**



**LEGEND**

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

**CONSTRUCTION NOTES:**

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

MODEL: Default  
FILE: \\homer\share\pdp\pdp\DOT\Documents\DOT Office\Diagrams\19\Projects\121319\CADD\AutoCAD\Design\Diagrams\diagram.dgn

USER NAME = diaza	DESIGNED -	REVISED -
DRAWN - R. LEDEZMA	CHECKED -	REVISED -
PLOT SCALE = 100,0000' / in.	DATE - 10/02/2019	REVISED -
PLOT DATE = 10/17/2019		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

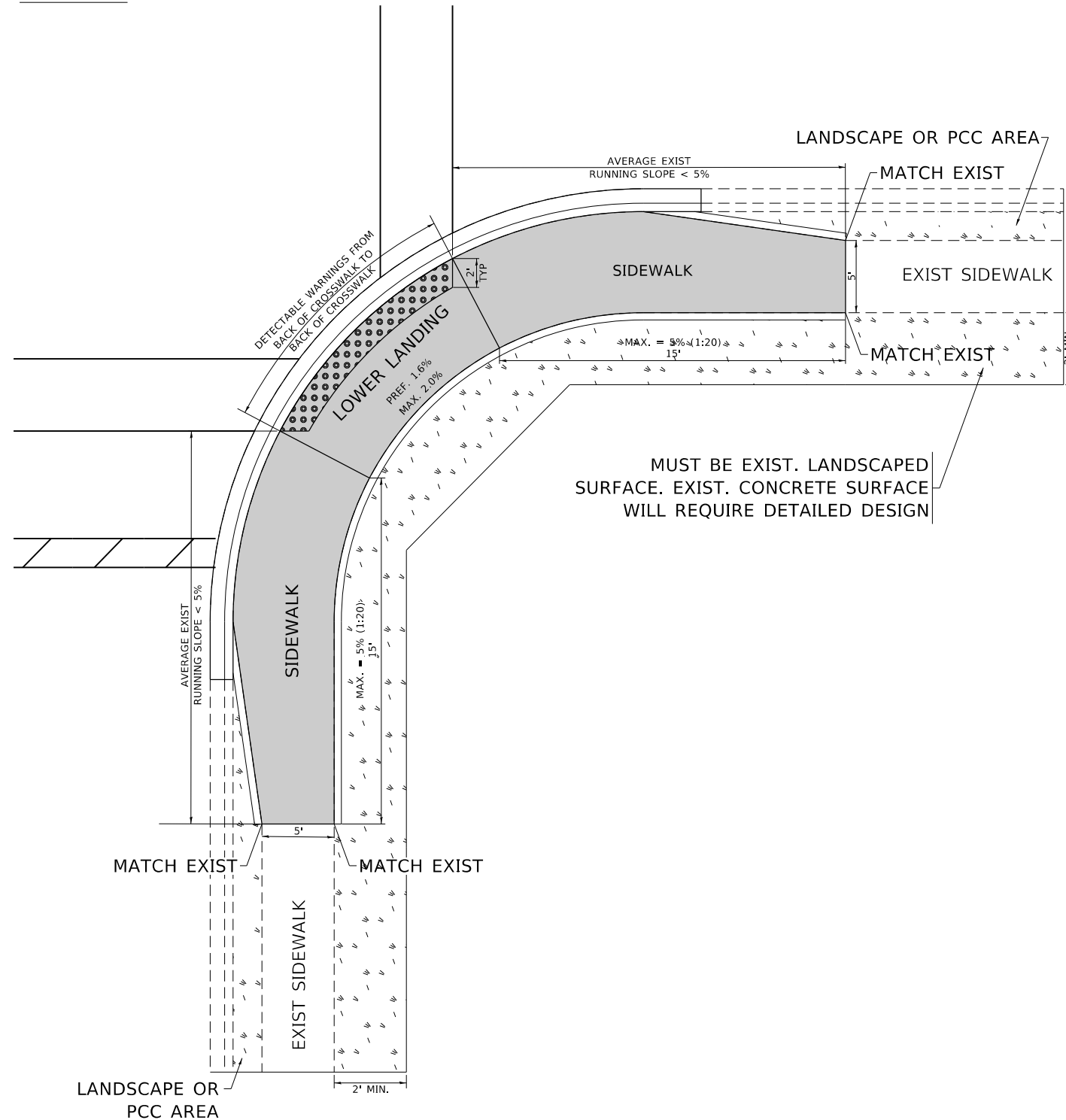
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS  
(PD-05)**

SCALE: NONE    SHEET    OF    SHEETS    STA.    TO    STA.

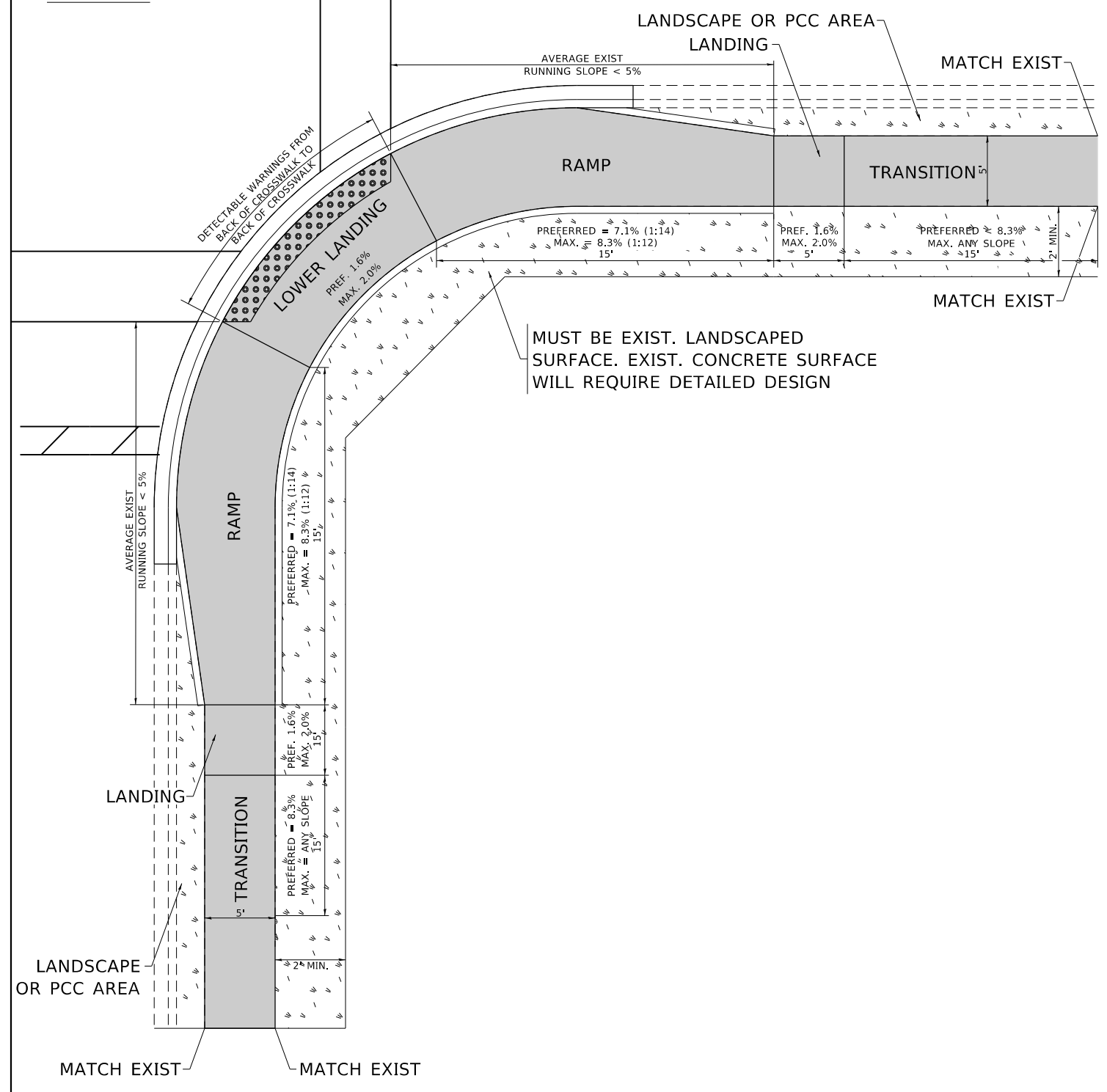
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	61
PD-05			CONTRACT NO. 62J54	
		ILLINOIS	FED. AID PROJECT	

# ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

PD-06A



PD-06B



## LEGEND

- EXIST. GRASS
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

## CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

MODEL: Default  
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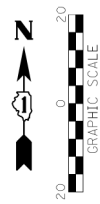
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PLOT SCALE = 100.0000' / in.	DRAWN - R. LEDEZMA	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE - 10/02/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS  
(PD-06)

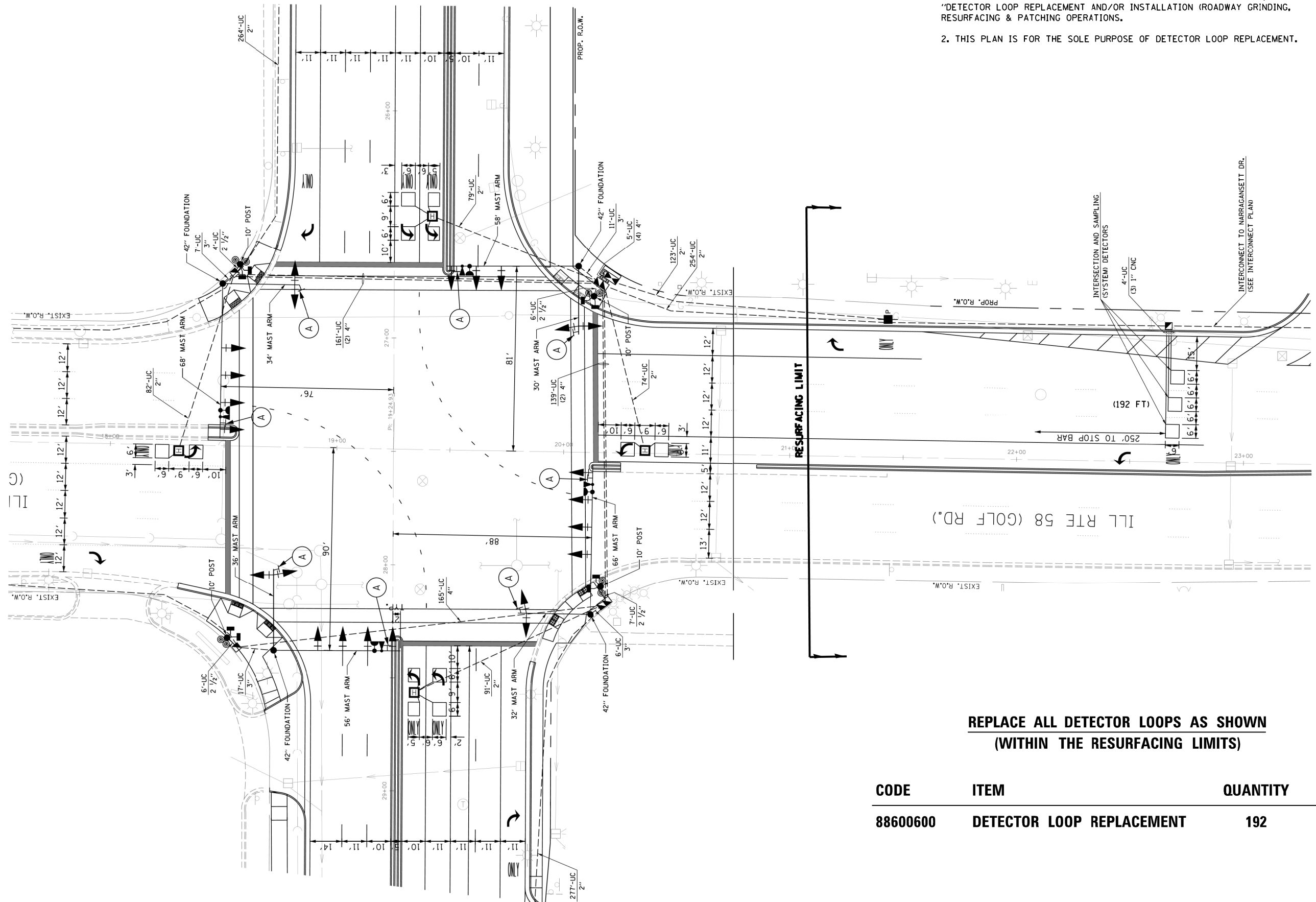
SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	62
PD-06		CONTRACT NO. 62J54		
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)**

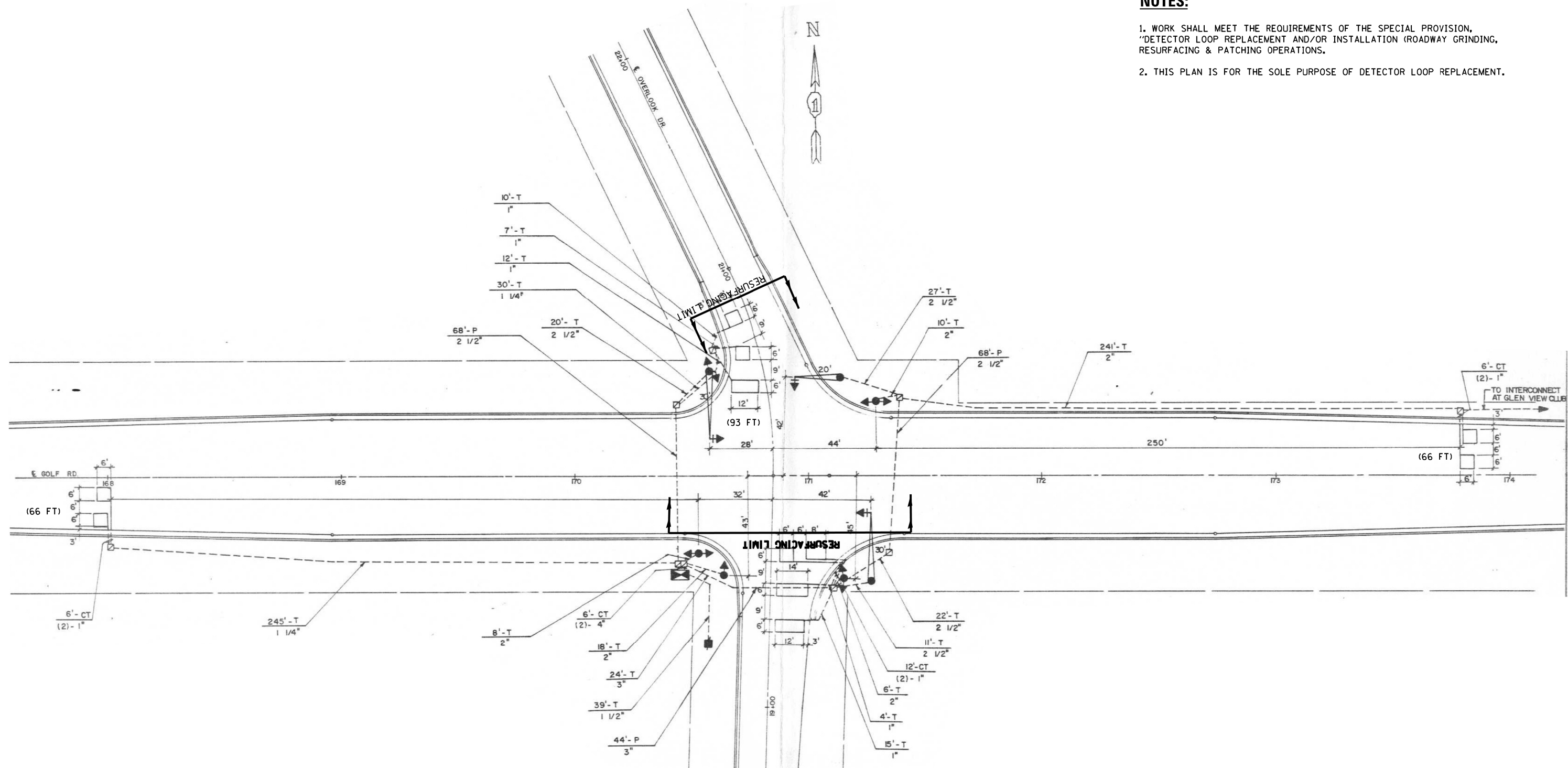
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88600600	DETECTOR LOOP REPLACEMENT	192	FOOT

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 FILE PATH: S:\WP\Design\SN\_B of Design - Detector  
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 FILE PATH: S:\WP\Design\SN\_B of Design - Detector

FILE NAME =	USER NAME = ngyuensm	DESIGNED - SN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN</b> <b>IL ROUTE 43 (WAUKEGAN ROAD) AT GOLF ROAD</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME =	USER NAME = ngyuensm	DRAWN - ADA	REVISED -		1312	2019-069-RS&SW	COOK	86	63		
FILE NAME =	USER NAME = ngyuensm	CHECKED - SN	REVISED -		<b>CONTRACT NO. 62J54</b>						
FILE NAME =	USER NAME = ngyuensm	DATE - 10/03/2019	REVISED -		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	225	FOOT

MODEL: Default  
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 FILE NAME: S:\WP\Design\SN\_B of Design - Detector

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -
S:\WP\Design\SN_B of Design - Detector	Loops Replacement - Resurfacing project -	DRAWN - ADAV	REVISED -
		CHECKED - SN	REVISED -
		DATE - 10/03/2019	REVISED -

S 14270 - Golf Rd @ Overlook  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

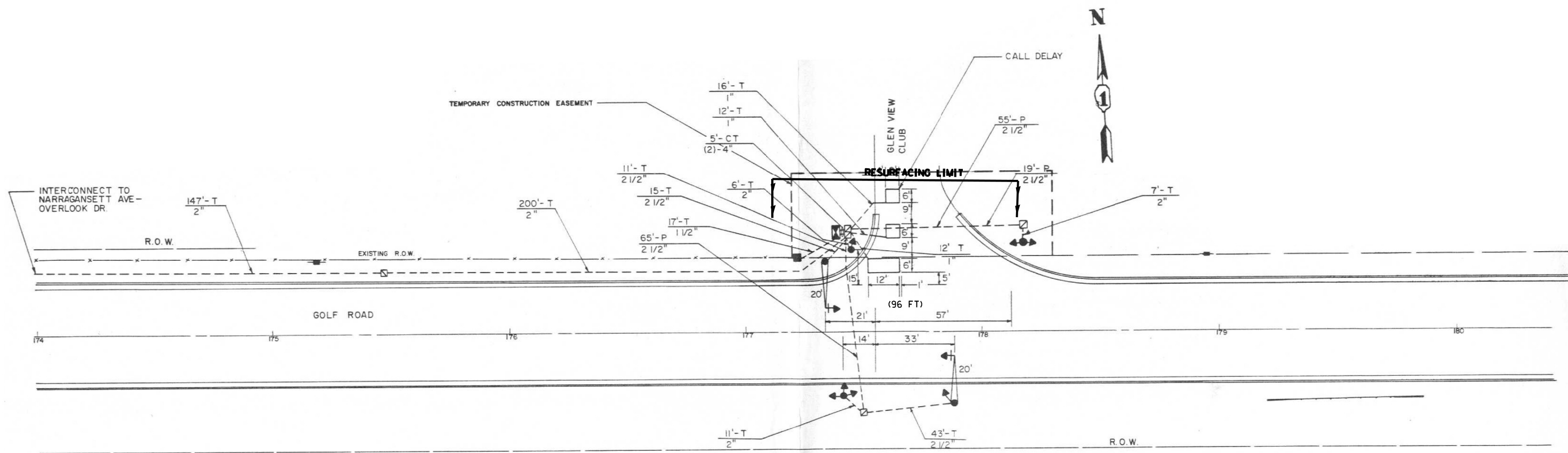
<b>DETECTOR LOOP REPLACEMENT PLAN</b>			
<b>GOLF ROAD AT OVERLOOK DRIVE</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	64
CONTRACT NO. 62J54				
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	96	FOOT

MODEL: Default  
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 FILE NAME: S:\WP\Design\SN\B.of.Design - Detector

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -
S:\WP\Design\SN\B.of.Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADAV	REVISED -
		CHECKED - SN	REVISED -
		DATE - 10/03/2019	REVISED -

S 5175 - Golf Rd @ Glenview  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN**  
**GOLF ROAD AT GLEN VIEW CLUB**  
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	65
CONTRACT NO. 62J54				
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	450	FOOT

MODEL: Default  
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 FILE NAME: S:\WP\Design\SN\B.of Design - Detector  
 FILE NAME: S:\WP\Design\SN\B.of Design - Detector

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -
S:\WP\Design\SN\B.of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADAV	REVISED -
Default	Default	CHECKED - SN	REVISED -
		DATE - 10/03/2019	REVISED -

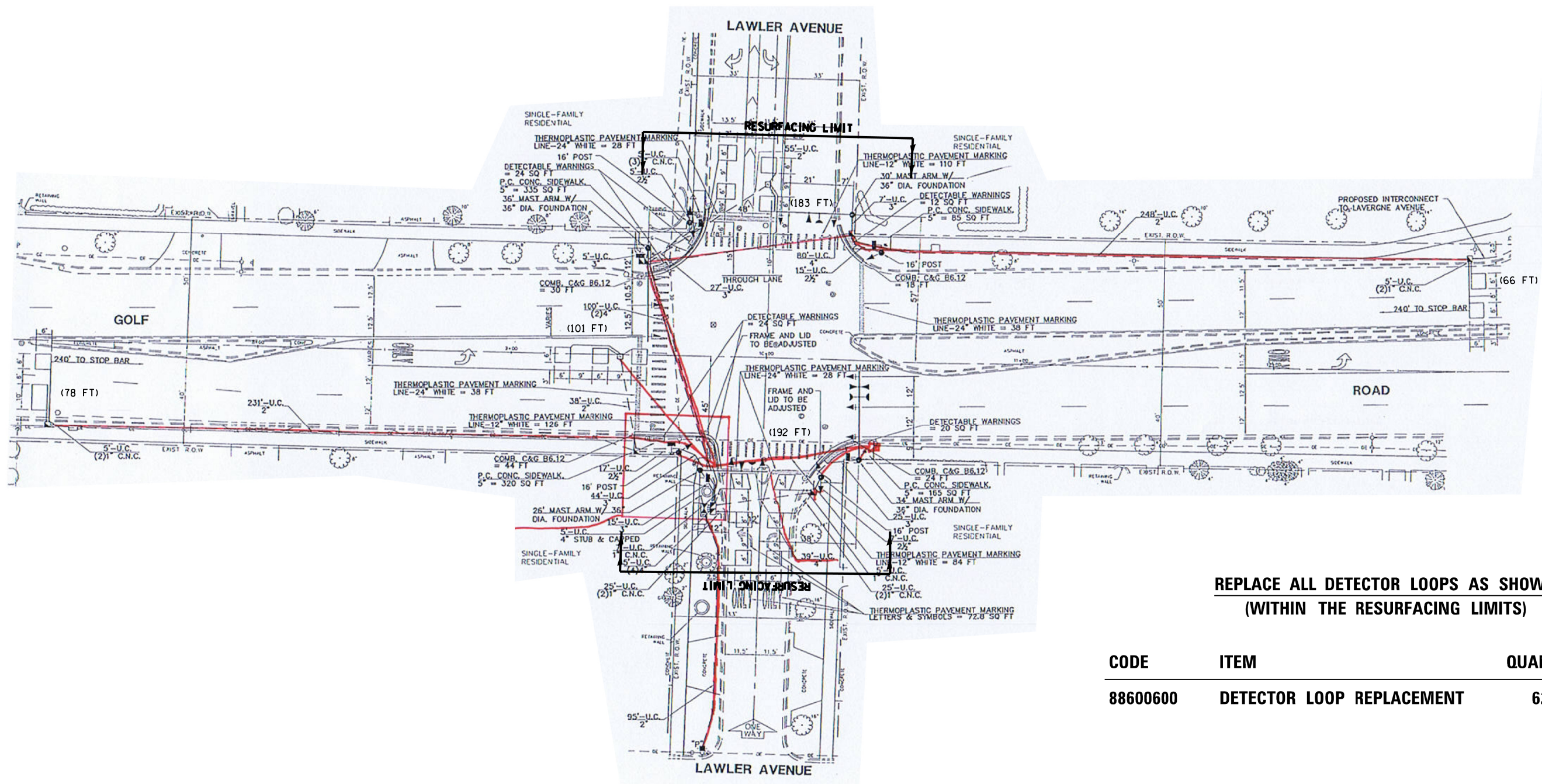
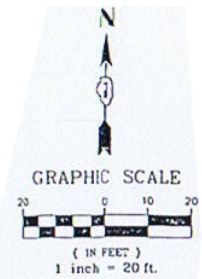
S 5157 - Golf Rd @ Woods Dr. -  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN**  
**GOLF ROAD AT WOOD ROAD**  
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	66
CONTRACT NO. 62J54				
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)**

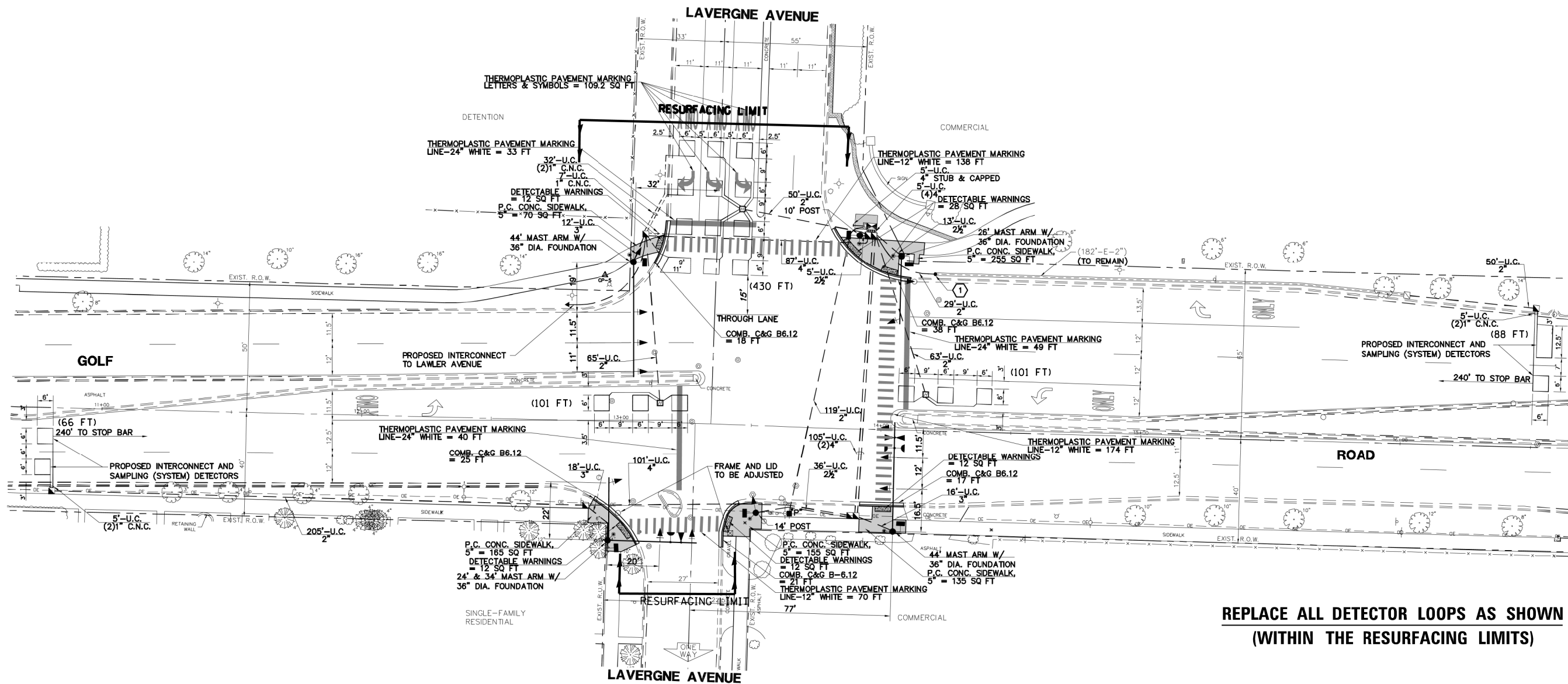
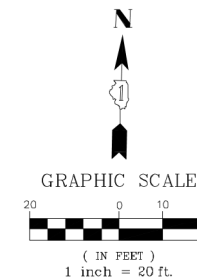
CODE	ITEM	QUANTITY	UNIT
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FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN</b> <b>GOLF ROAD AT LAWLER AVENUE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Loops Replacement - Resurfacing project -	DRAWN - ADAV	CSN	REVISED -			1312	2019-069-RS&SW	COOK	86	67	
PLOT SCALE = 40,0000' / in.	CHECKED - SN	DATE - 10/03/2019	REVISED -			<b>CONTRACT NO. 62J54</b>					
PLOT DATE = 10/4/2019	DATE - 10/03/2019	REVISED -	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)**

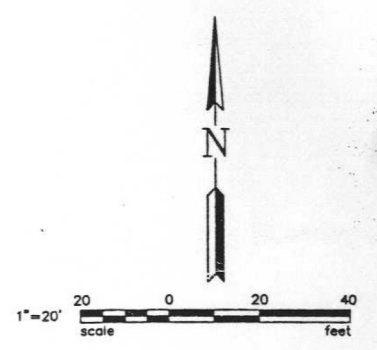
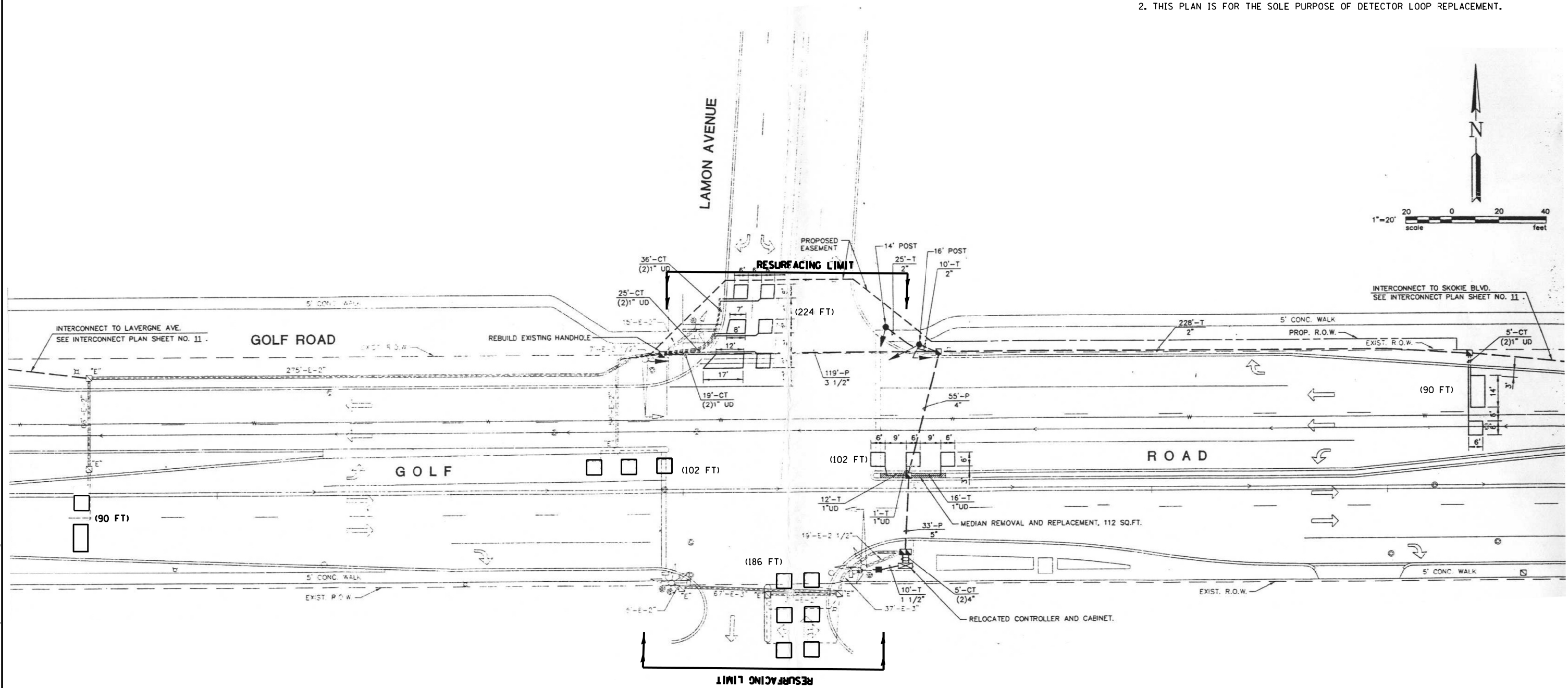
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88600600	DETECTOR LOOP REPLACEMENT	786	FOOT

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 PROJECT: 10/4/2019

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION S 5160 - Golf Rd @ Lavergne	DETECTOR LOOP REPLACEMENT PLAN GOLF ROAD AT LAVERGNE AVENUE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Loops Replacement - Resurfacing project -	DRAWN - ADAV	CSNgn\2019\62J54 Golf	REVISED - 43-to McComick Blvd\40DD\06			1312	2019-069-RS&SW	COOK	86	68	
PLOT SCALE = 40,0000 ' / in.	CHECKED - SN	DATE - 10/03/2019	REVISED -			CONTRACT NO. 62J54					
PLOT DATE = 10/4/2019	DATE - 10/03/2019	REVISED -	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	794	FOOT

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FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -
S:\WP\Design\SN\B.of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADA	REVISED -
		CHECKED - SN	REVISED -
		DATE - 10/03/2019	REVISED -

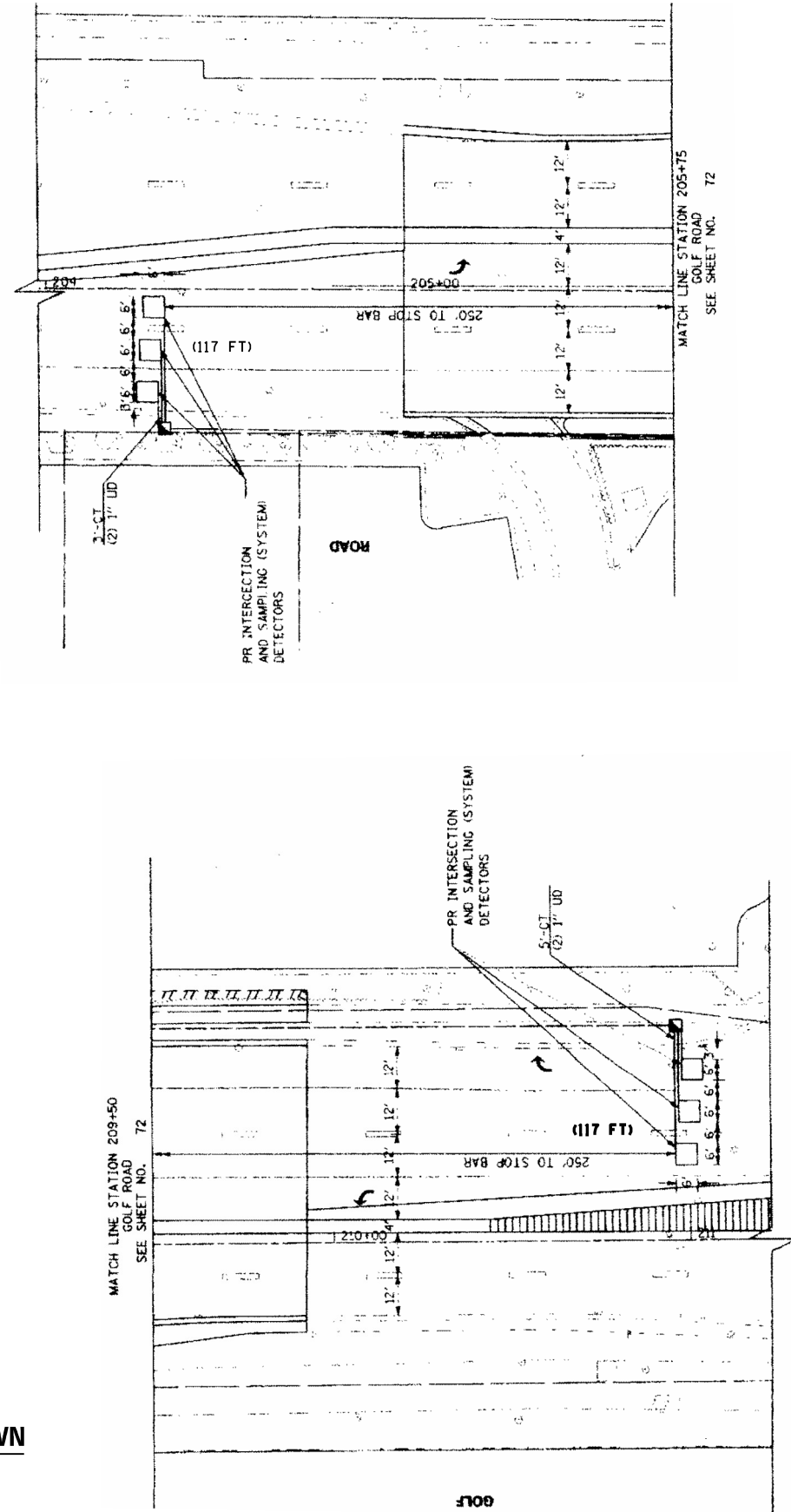
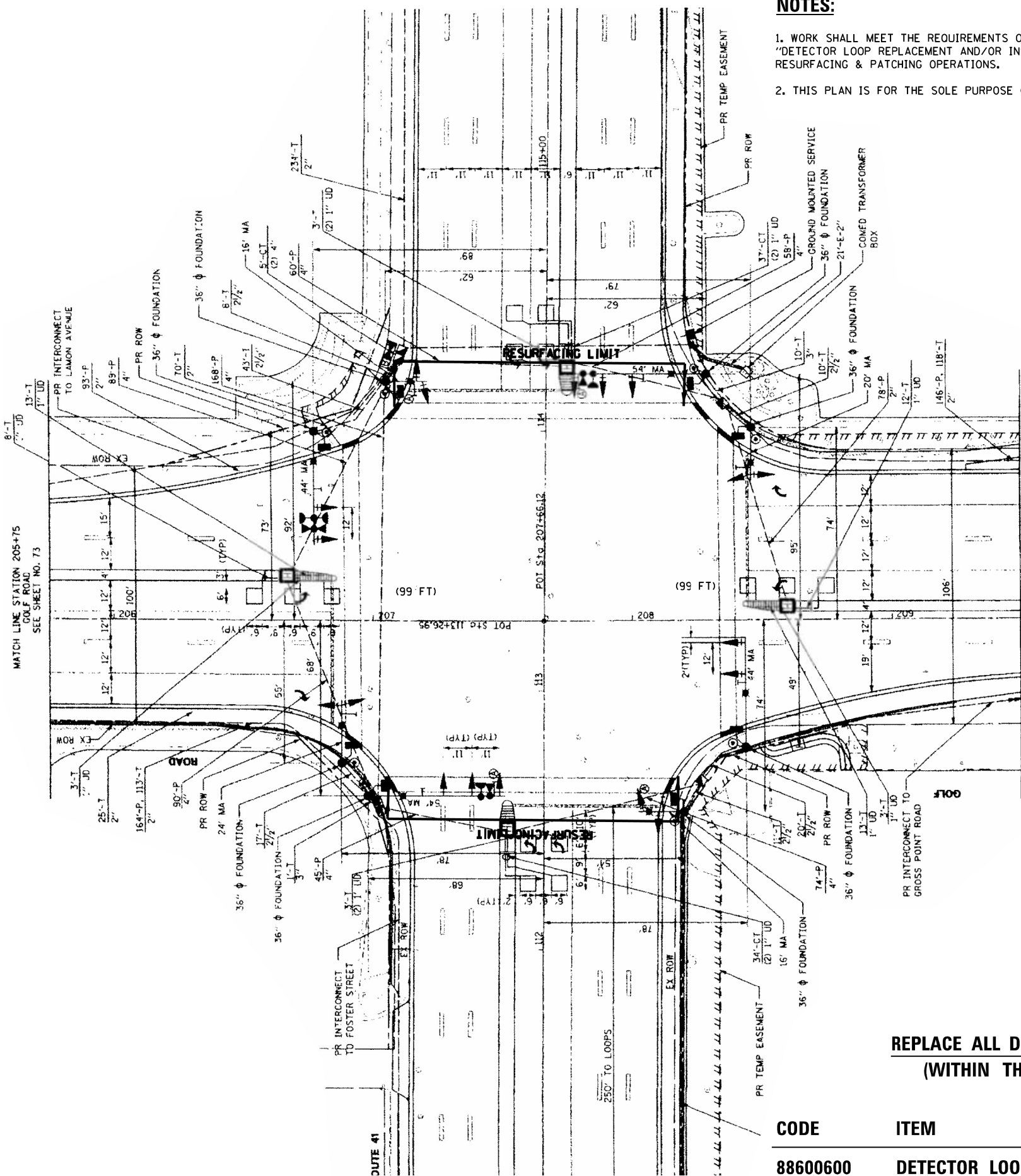
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 S 8905 - Golf Rd @ Lamont Ave

**DETECTOR LOOP REPLACEMENT PLAN**  
**GOLF ROAD AT LAMON AVENUE**  
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	69
CONTRACT NO. 62J54				
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	432	FOOT

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN  
US ROUTE 41(SKOKIE BOULEVARD) AT GOLF ROAD**

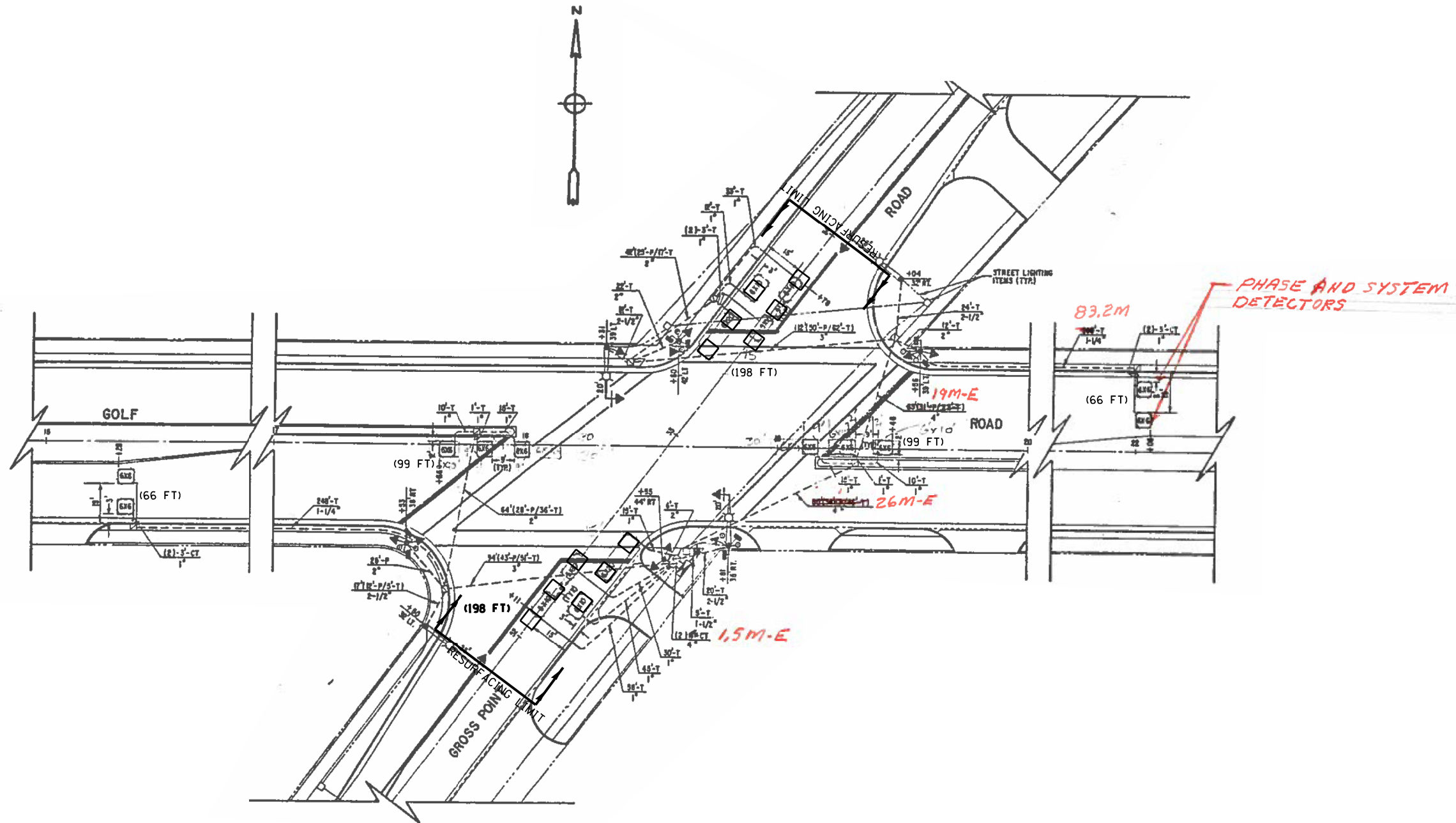
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	70
<b>CONTRACT NO. 62J54</b>				
ILLINOIS FED. AID PROJECT				

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 CHECKED: SN  
 DATE: 10/03/2019  
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 REVISED: 43-to McComick Blvd\CAD00108  
 REVISED: 43-to McComick Blvd\CAD00108  
 REVISED: 43-to McComick Blvd\CAD00108

**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	726	FOOT

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		CHECKED - SN	REVISED -
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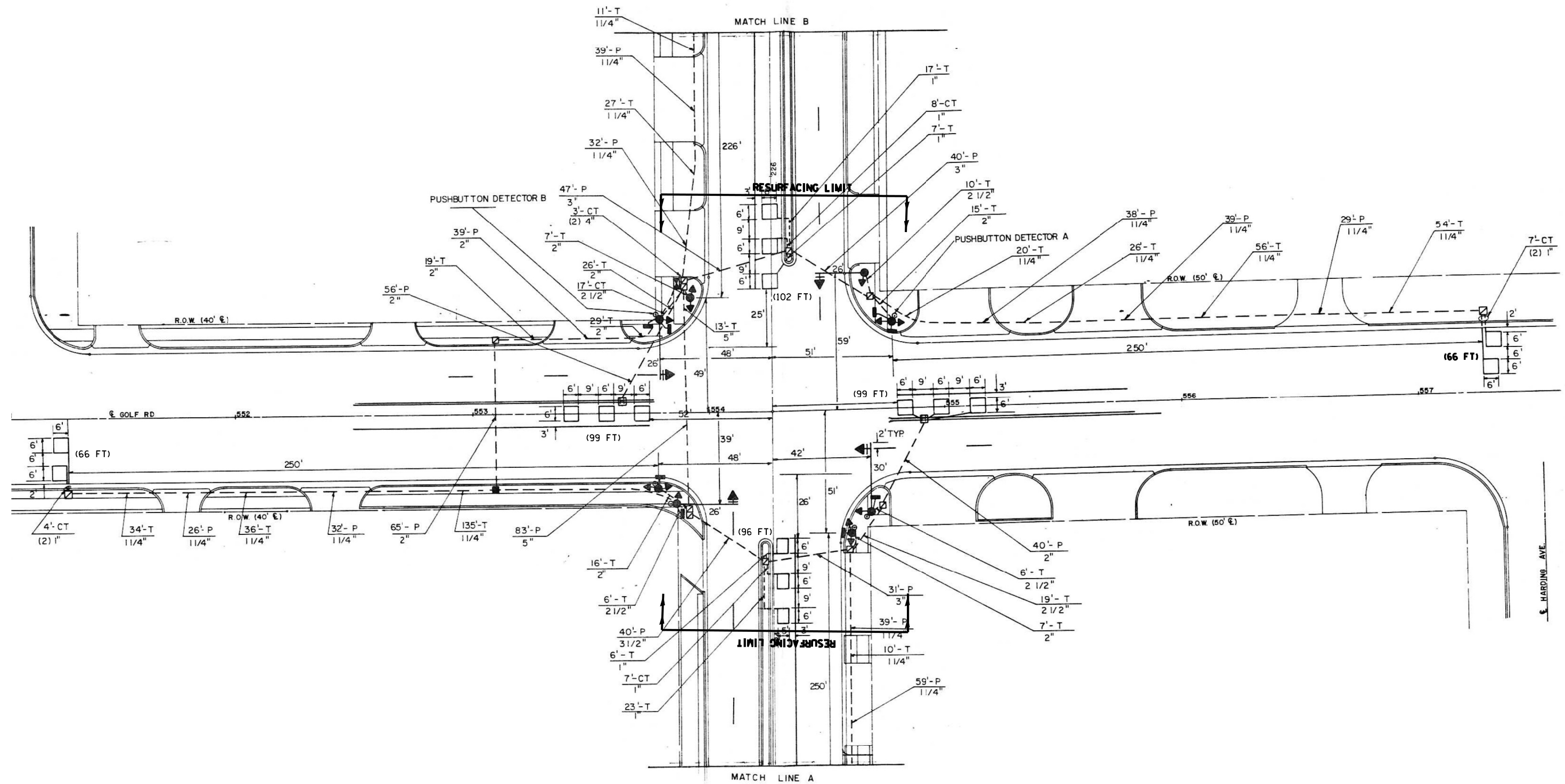
S 5150 - Golf Rd @ Gross Point  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN**  
**GOLF ROAD AT GROSS POINT ROAD**  
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	71
CONTRACT NO. 62J54				
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	528	FOOT

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Loops Replacement - Resurfacing project -	DRAWN - ADAV	CHECKED - SN	REVISED -
PLOT SCALE = 40.0000' / in.	DATE - 10/03/2019		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

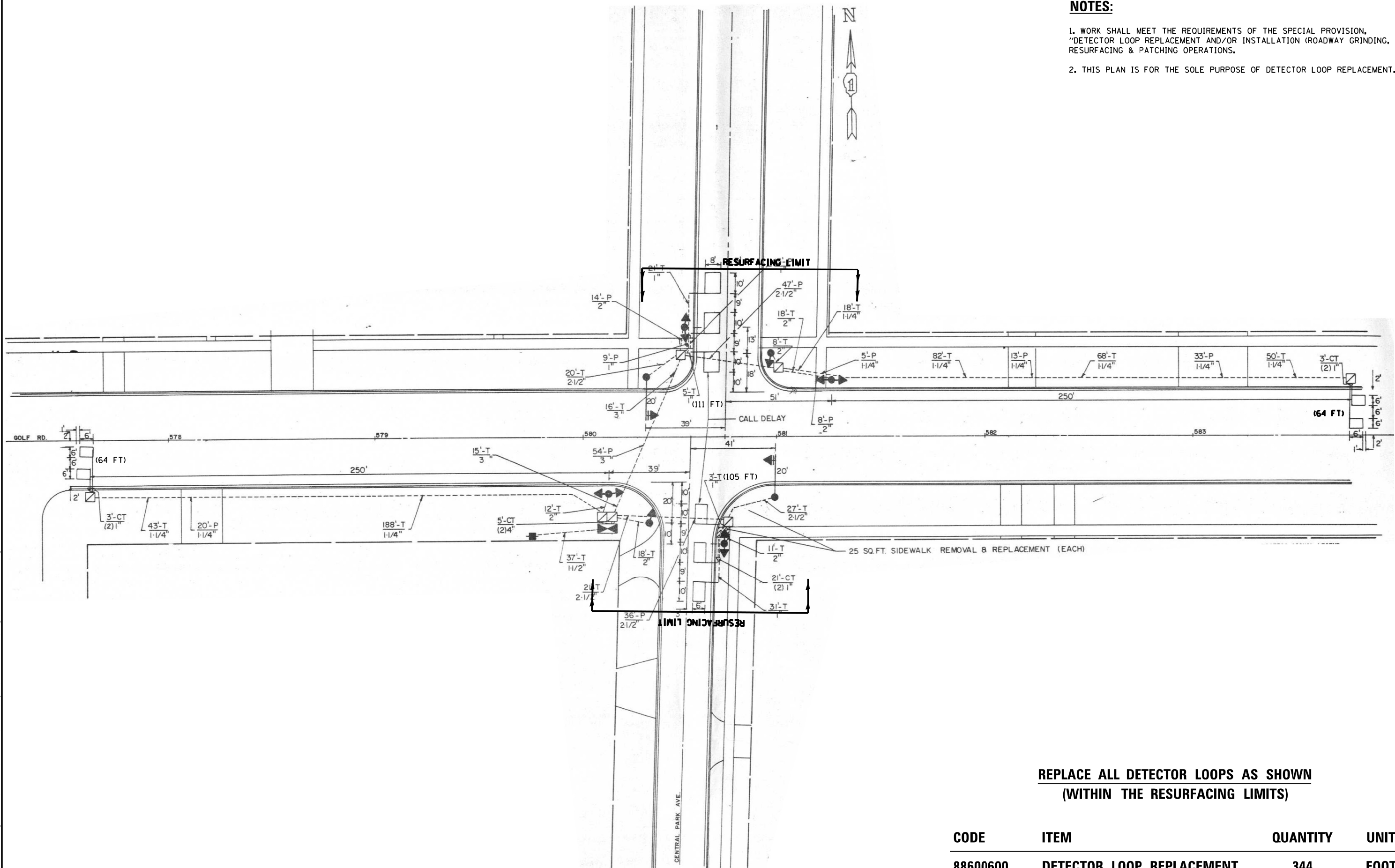
<b>DETECTOR LOOP REPLACEMENT PLAN</b>			
<b>GOLF ROAD AT CRAWFORD AVENUE</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	72
CONTRACT NO. 62J54				
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	344	FOOT

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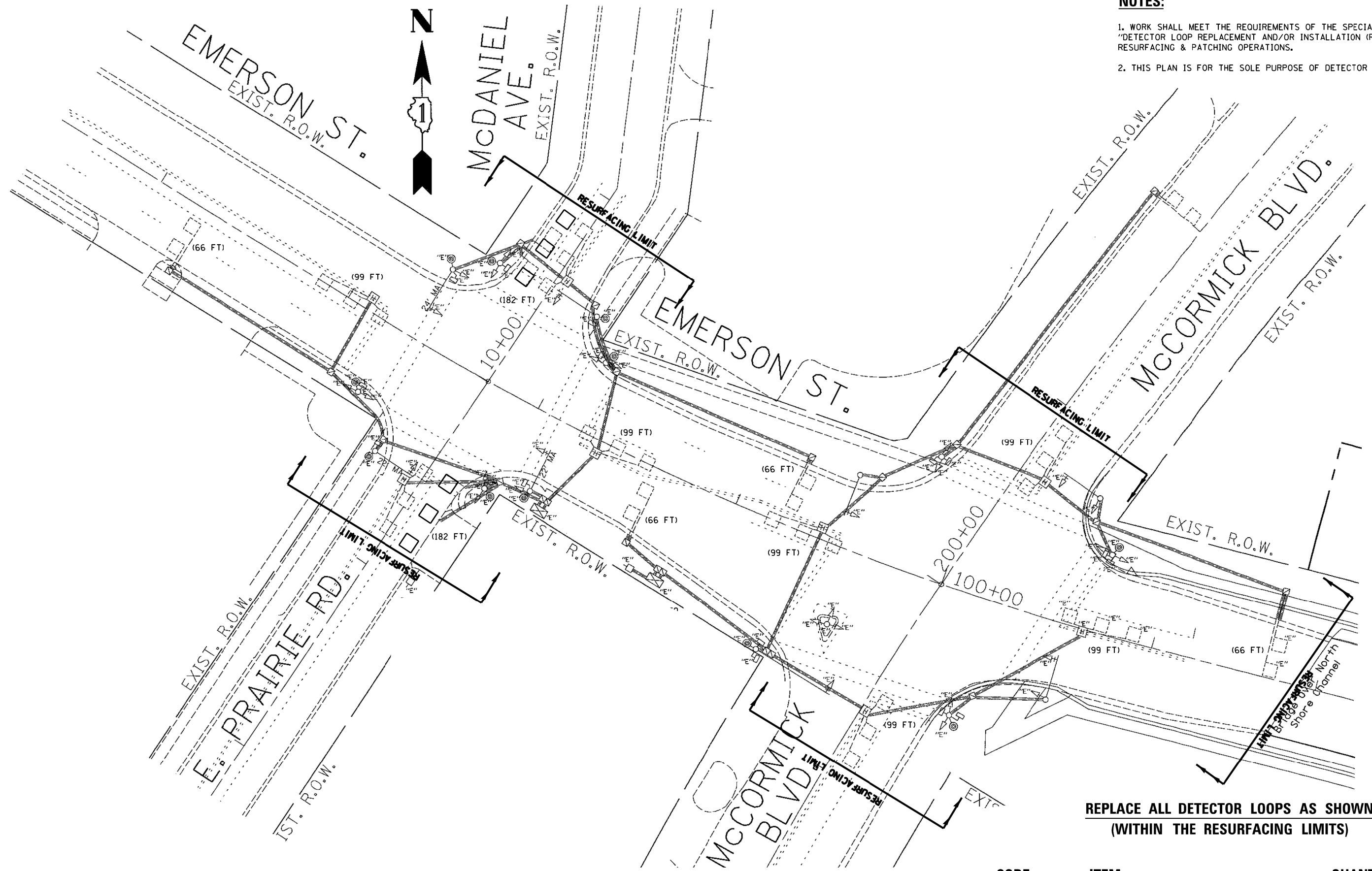
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 5140 - Golf Rd @ Central Park Ave

DETECTOR LOOP REPLACEMENT PLAN GOLF ROAD AT CENTRAL PARK AVENUE	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	73
CONTRACT NO. 62J54				
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	1222	FOOT

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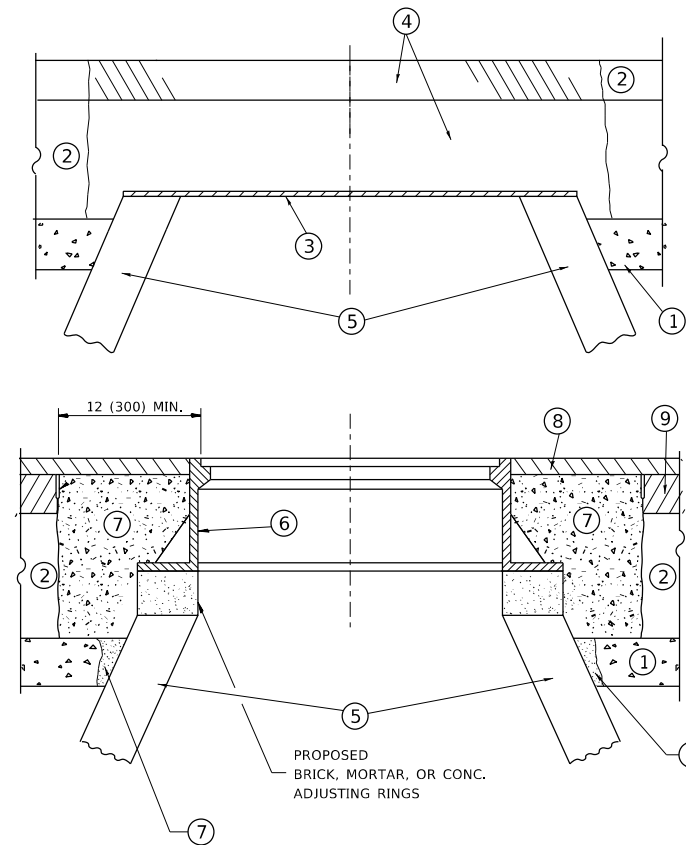
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Loops Replacement - Resurfacing project -	DRAWN - ADAV	SN 2019\62J54 Golf	REVISED - .43 to McCormick Blvd\CAD\12
PLOT SCALE = 40.0000' / in.	CHECKED - SN	DATE - 10/03/2019	REVISED -
Default			

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

**DETECTOR LOOP REPLACEMENT PLAN**  
**GOLF ROAD AT McDANIEL AVENUE & AT MCCORMICK BOULEVARD**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	74
CONTRACT NO. 62J54				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



**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 1½ (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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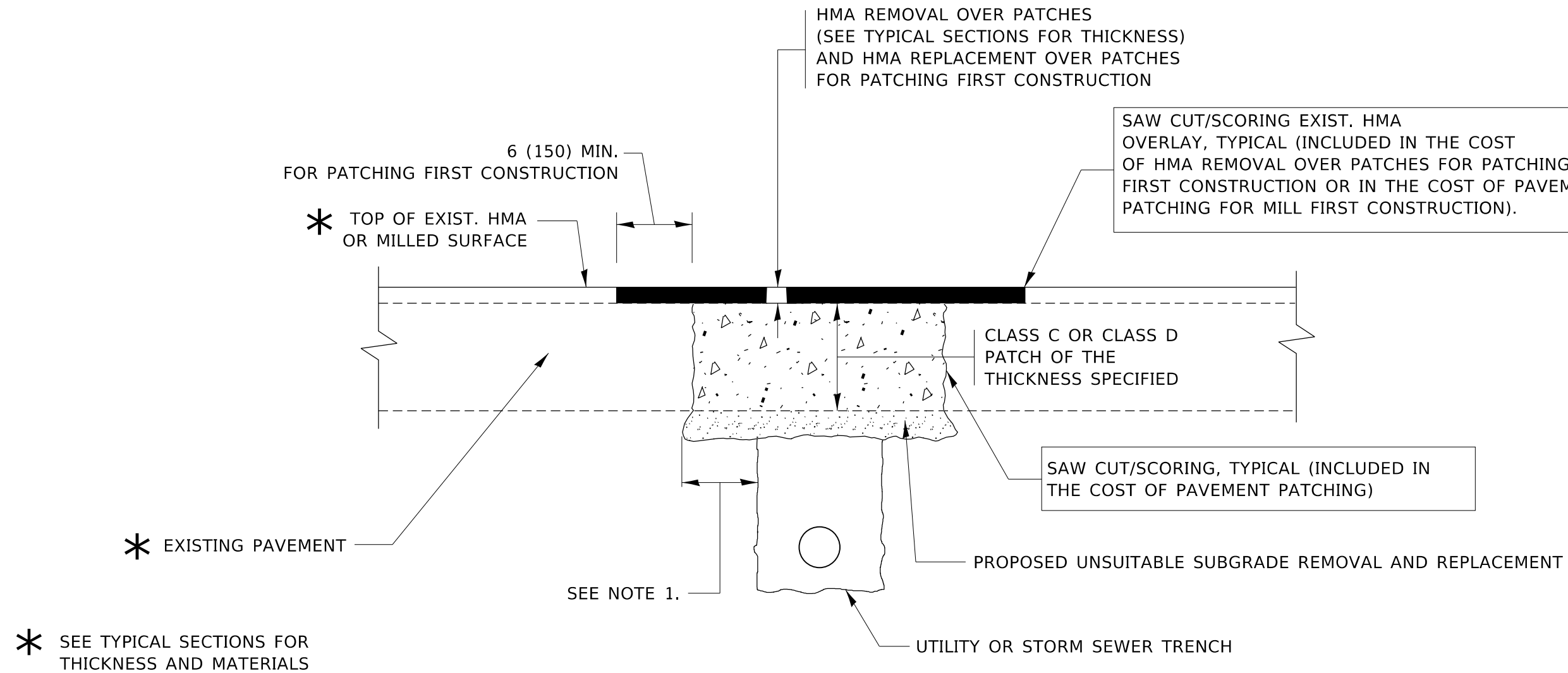
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	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 03-09-11
PLOT DATE = 10/17/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	75
<b>BD600-03 (BD-8)</b>		CONTRACT NO. <b>62J54</b>		
ILLINOIS		FED. AID PROJECT		



**NOTES:**

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

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

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

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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USER NAME = diaza	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 09-04-07
PLOT DATE = 10/17/2019	DATE - 10-25-94	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	76
BD400-04 (BD-22)			CONTRACT NO. 62J54	
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.

SEE STATE STANDARD 606001

18" (450) MAX.

EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

¼" (5) \*\*

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).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

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

PROPOSED ¾" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE 3).

**NOTE:**

- 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.
- FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED.
- CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- 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.
- 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.
- 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.
- 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.

**BASIS OF PAYMENT**

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

**CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT**

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

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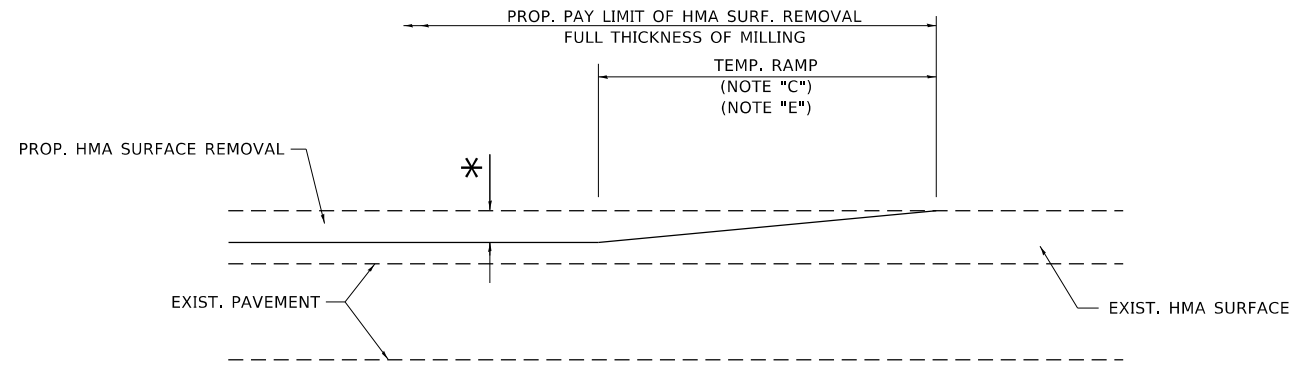
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	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 01-22-01
PLOT DATE = 10/17/2019	DATE - 03-11-94	REVISED - R. BORO 12-15-09

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER  
REMOVAL AND REPLACEMENT

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

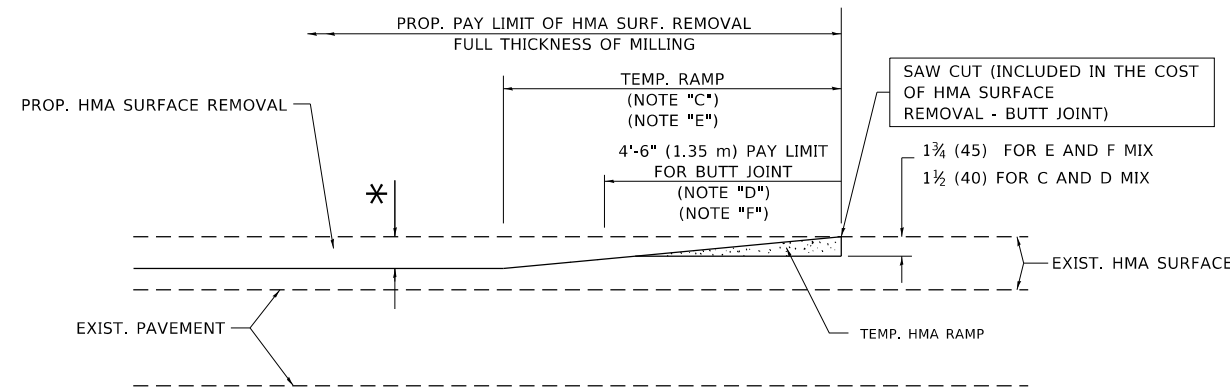
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	77
BD600-06 (BD-24)			CONTRACT NO. 62J54	
ILLINOIS FED. AID PROJECT				



**MILLED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

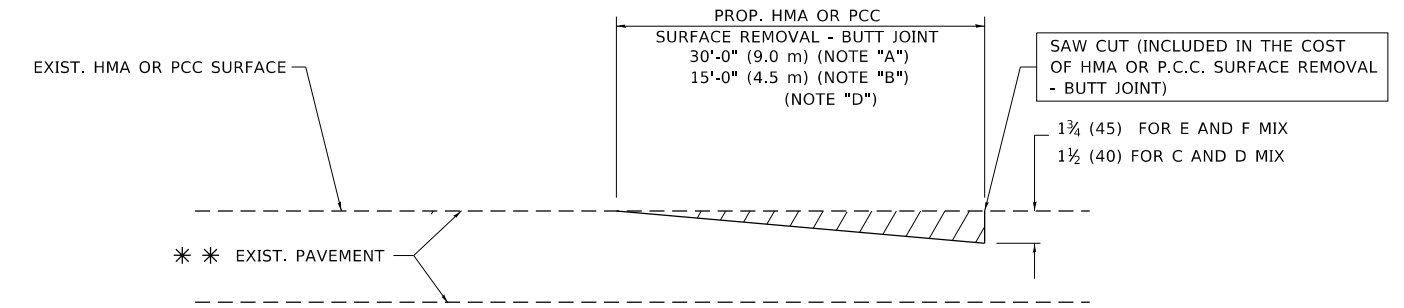


**HMA CONSTRUCTED TEMPORARY RAMP**

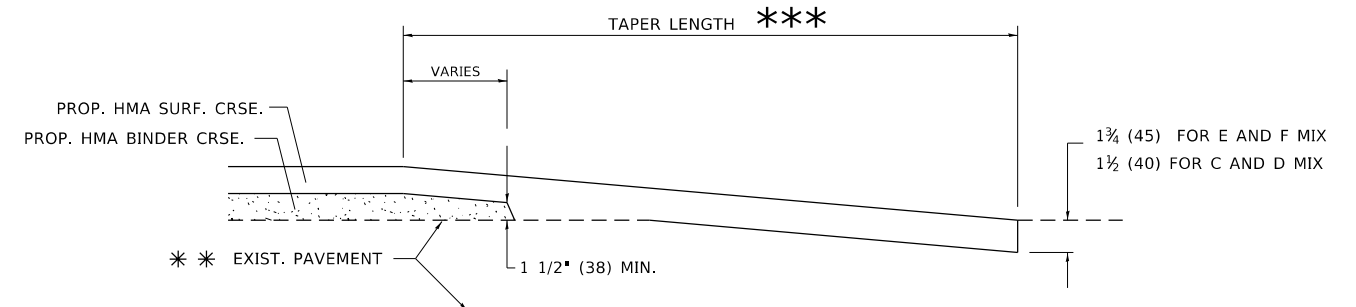
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

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

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

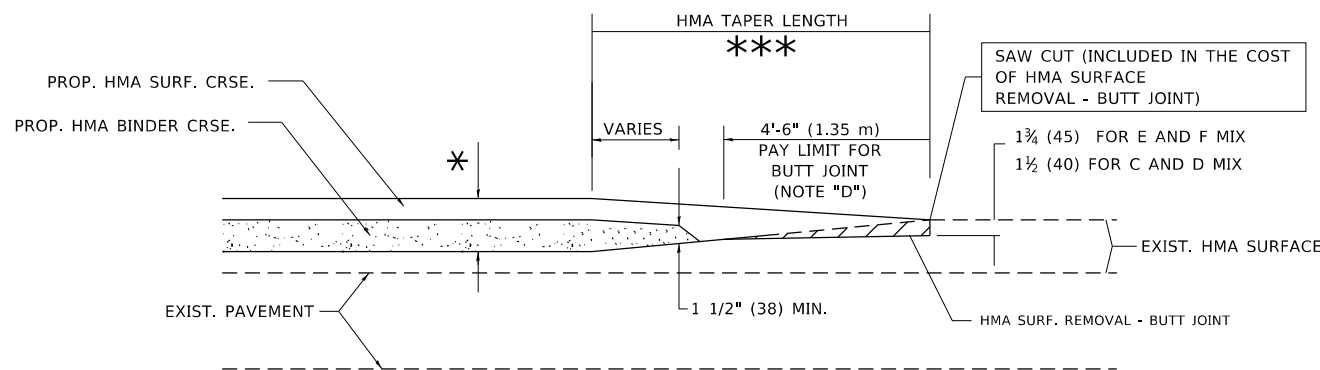
**NOTES**

- 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.  
\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".  
\*\*\* 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.



**BUTT JOINT AND HMA TAPER**

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

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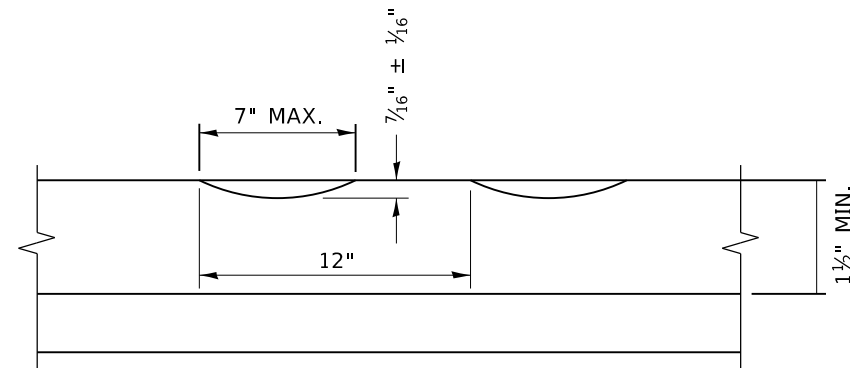
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

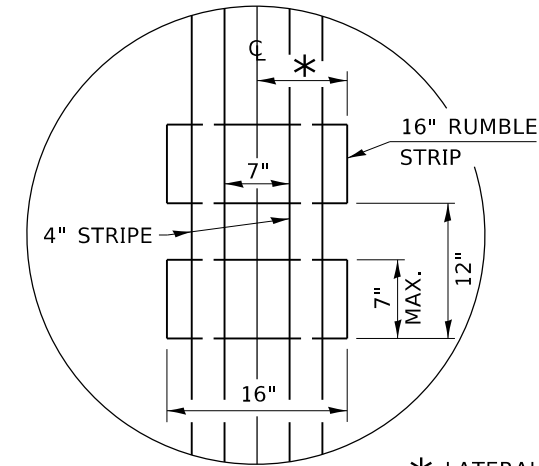
BUTT JOINT AND  
HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	78
BD400-05 BD32		CONTRACT NO. 62J54		
ILLINOIS FED. AID PROJECT				



**SECTION A-A**



\* LATERAL DEVIATION SHALL NOT EXCEED ONE INCH IN 100 FEET.

**DETAIL B**

**GENERAL NOTES**

CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.

SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS. RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.

ALL RUMBLE STRIPS SHALL BE MILLED.

CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.

DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

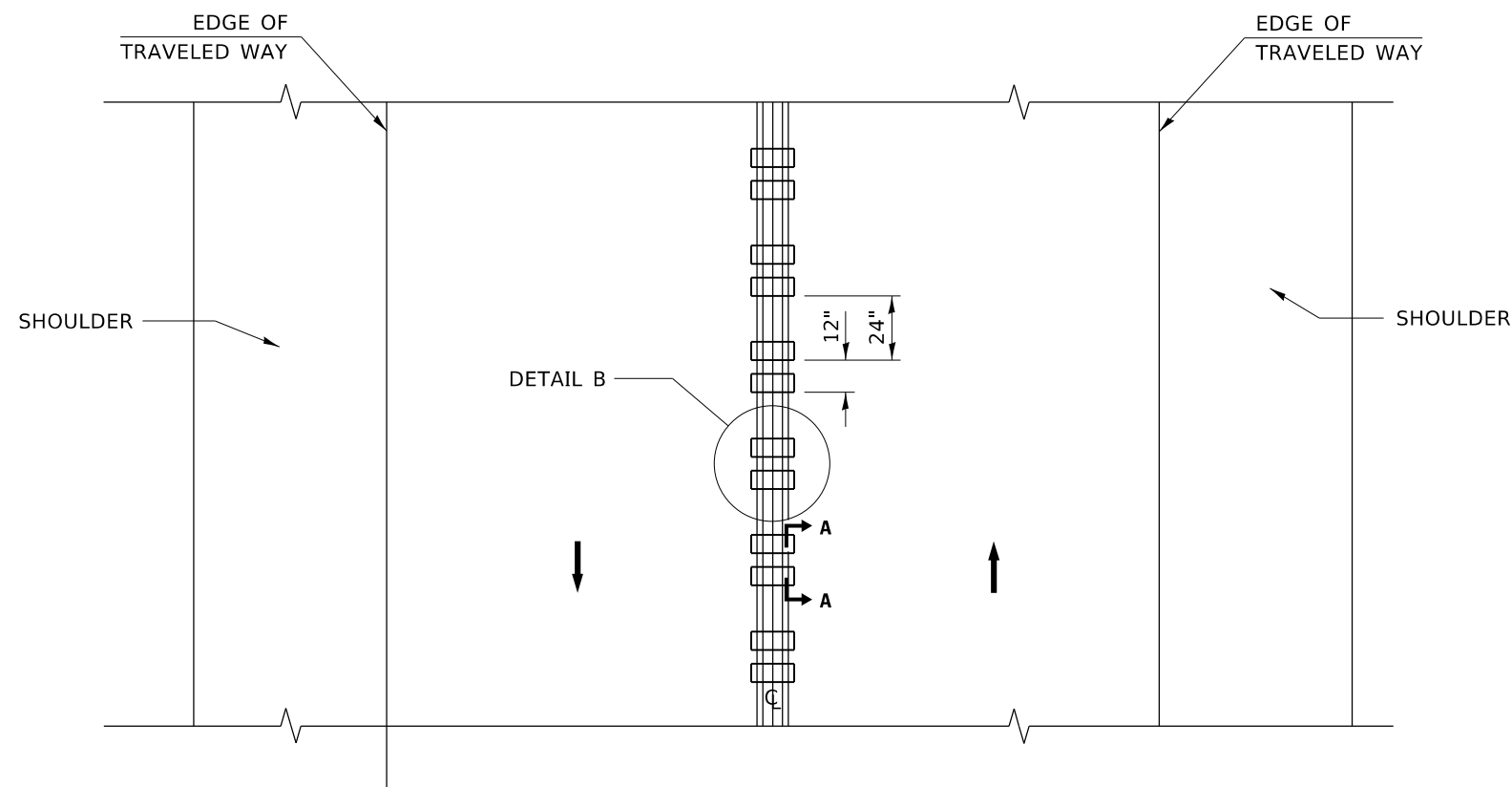
AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEPED CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.

WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

**BASIS OF PAYMENT**

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.

HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.



**TWO-WAY ROAD**

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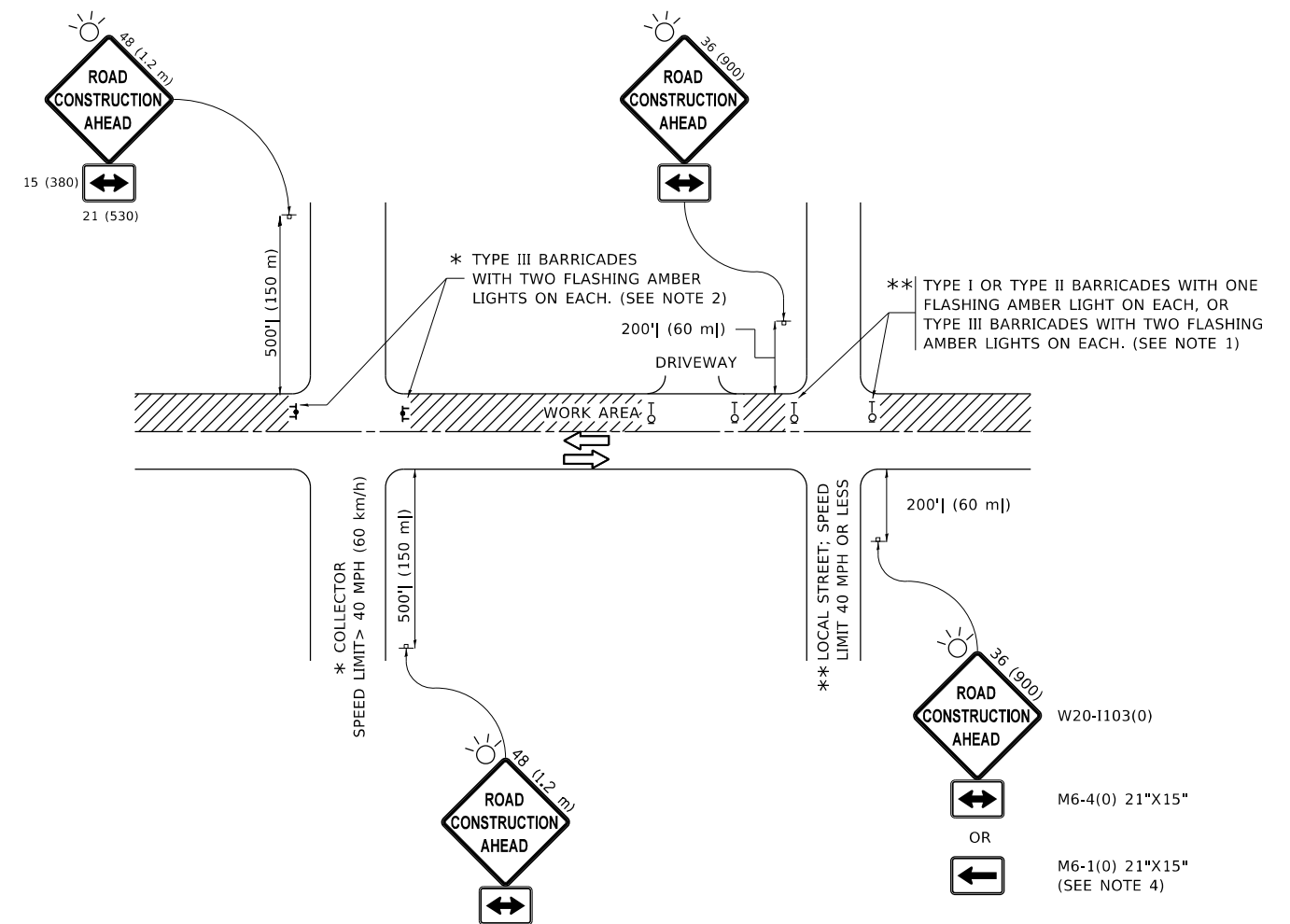
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE - 08-06-2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	79
BD 55			CONTRACT NO. 62J54	
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) 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. 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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USER NAME = diazia	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 10/17/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

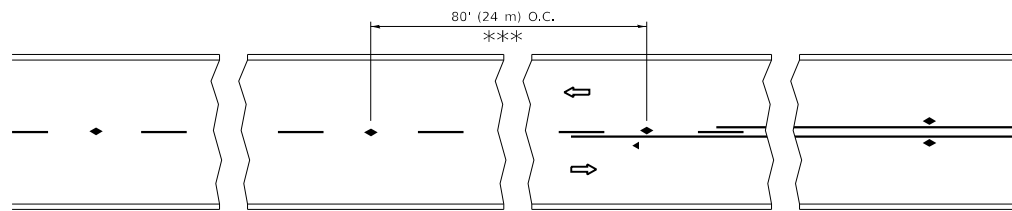
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

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

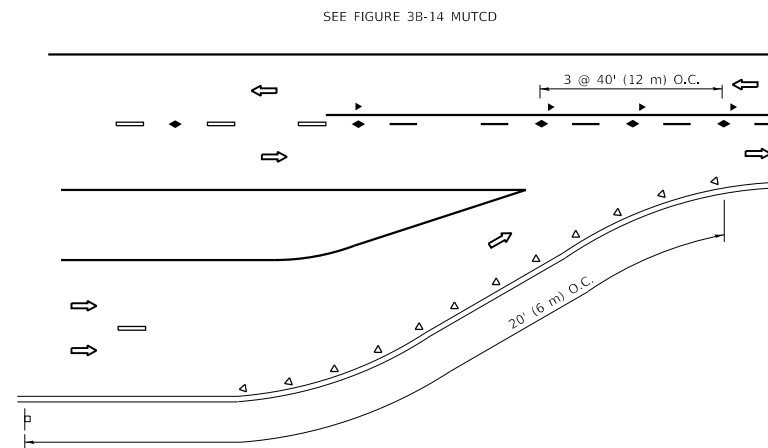
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<b>TC-10</b>			<b>CONTRACT NO. 62J54</b>	
ILLINOIS FED. AID PROJECT				



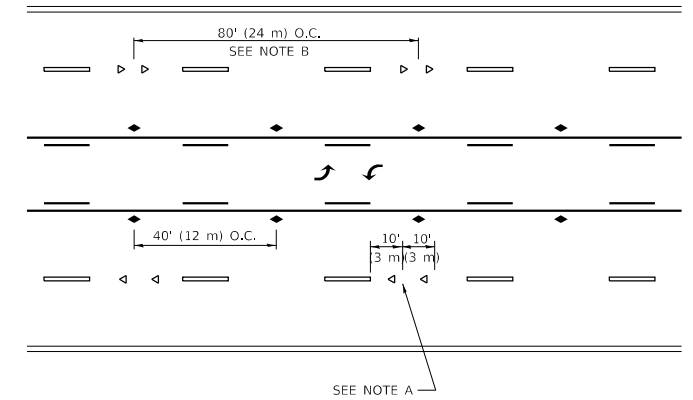


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

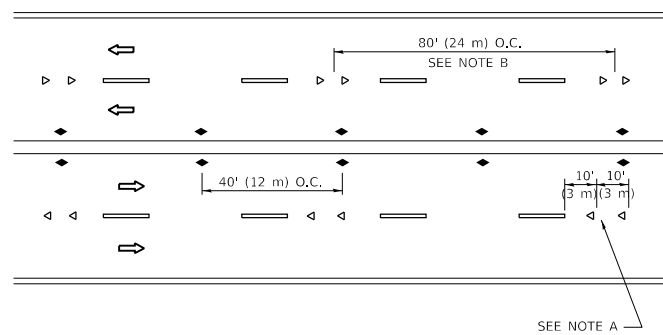
**TWO-LANE/TWO-WAY**



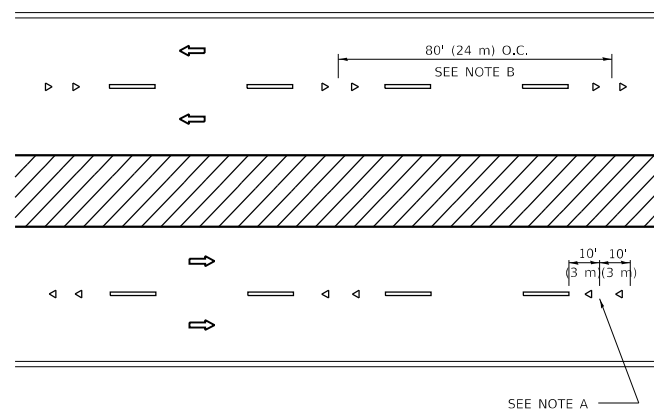
**LANE REDUCTION TRANSITION**



**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.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

**SYMBOLS**

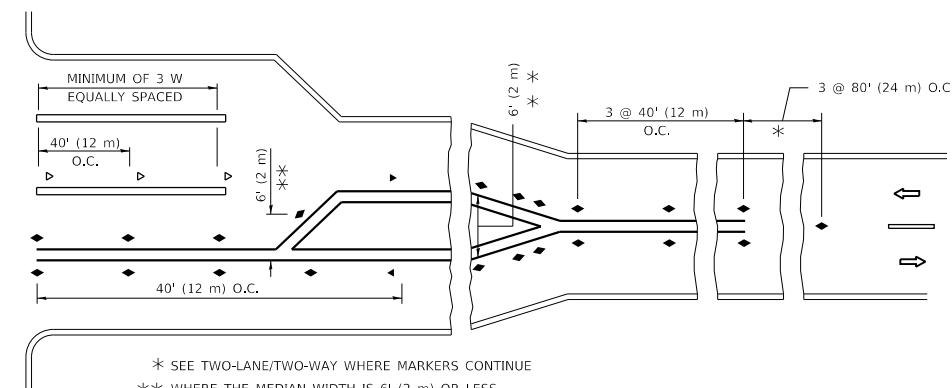
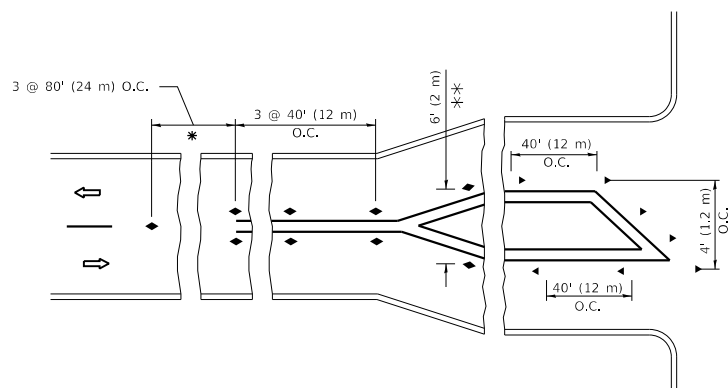
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

**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.



**TURN LANES**

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

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

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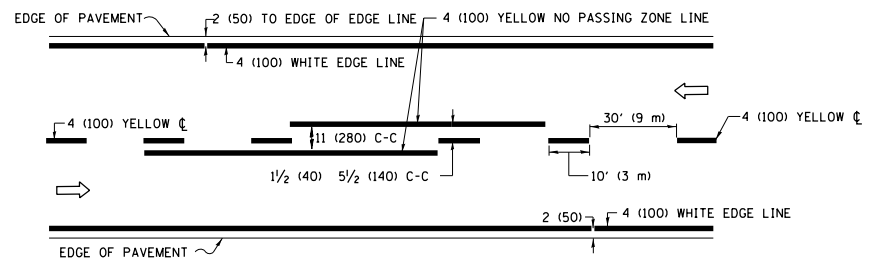
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PLOT DATE = 10/17/2019	CHECKED -	REVISED - C. JUCIUS 09-09-09
	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

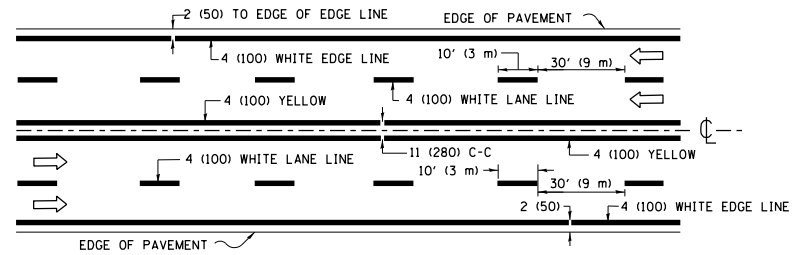
**TYPICAL APPLICATIONS  
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

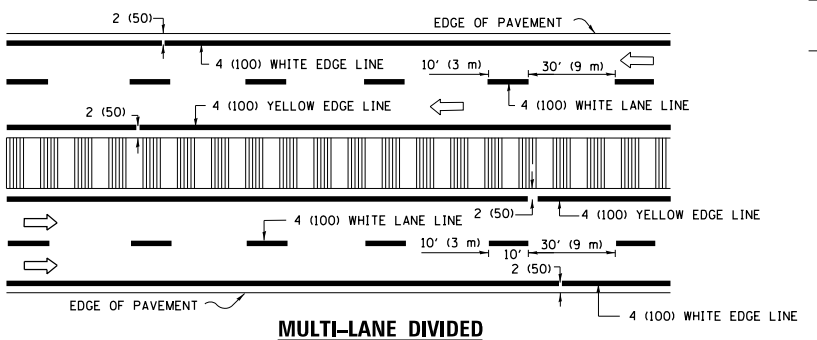
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	81
TC-11			CONTRACT NO. 62J54	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

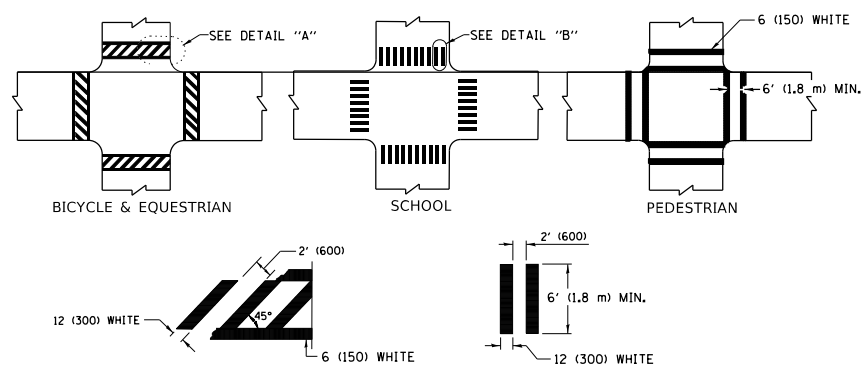


**MULTI-LANE UNDIVIDED**



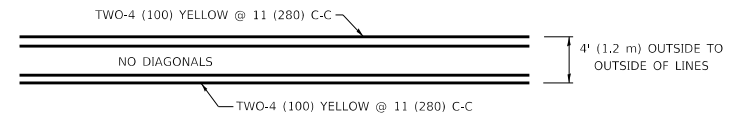
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

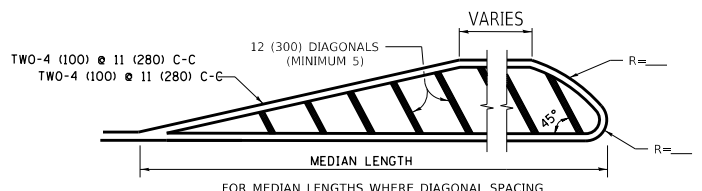


**TYPICAL CROSSWALK MARKING**

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



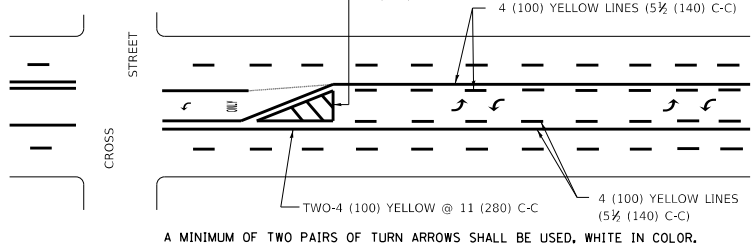
**4' (1.2 m) WIDE MEDIANS ONLY**



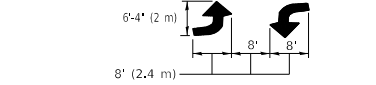
**MEDIANS OVER 4' (1.2 m) WIDE**

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

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**

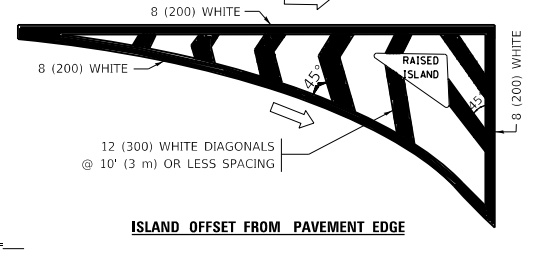


**TYPICAL LEFT (OR RIGHT) TURN LANE**

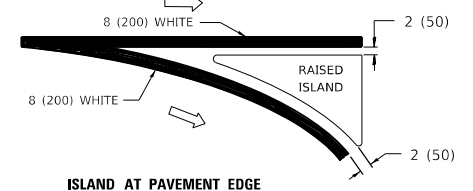
**TYPICAL TURN LANE MARKING**

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>)

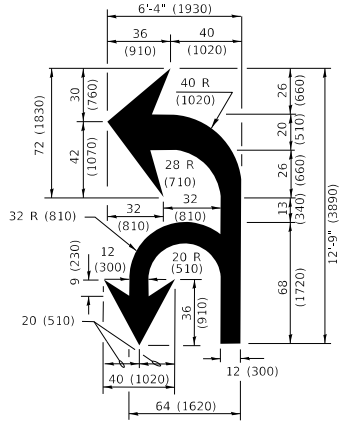
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



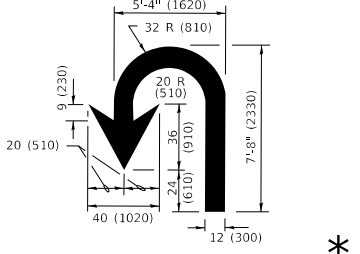
**ISLAND OFFSET FROM PAVEMENT EDGE**



**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 1/2 (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 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES *RR* IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <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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PROJECT: 121319

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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 10/17/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

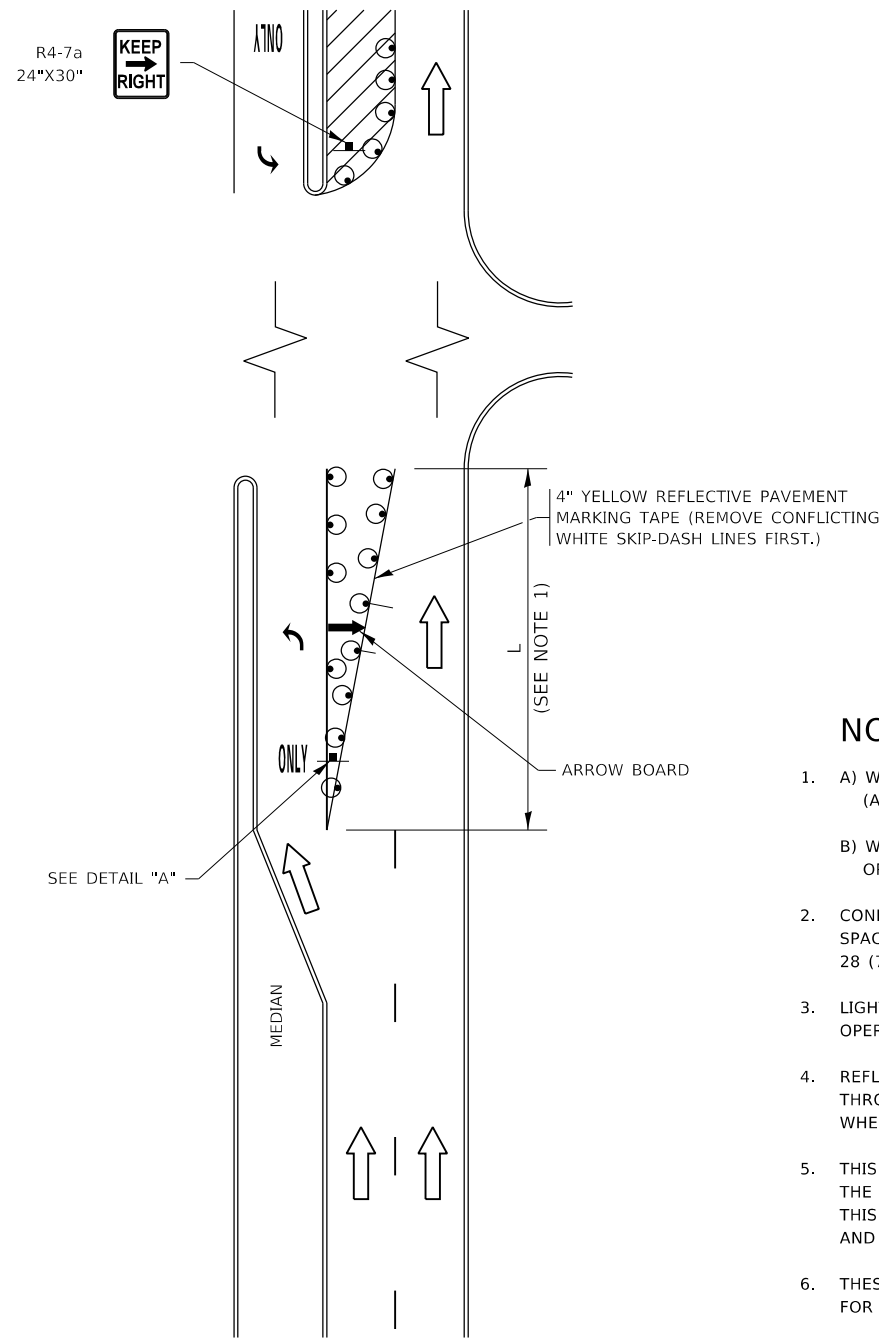
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

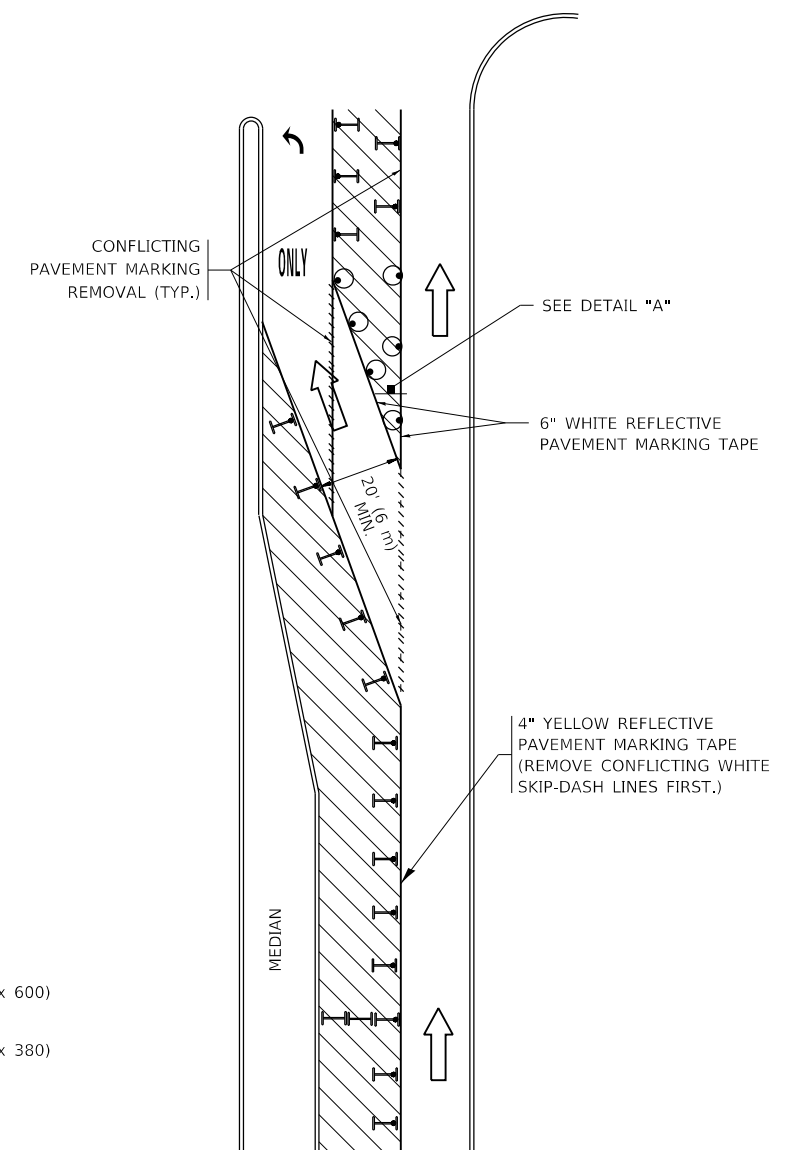
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	82
TC-13		CONTRACT NO. 62J54		
ILLINOIS		FED. AID PROJECT		

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE



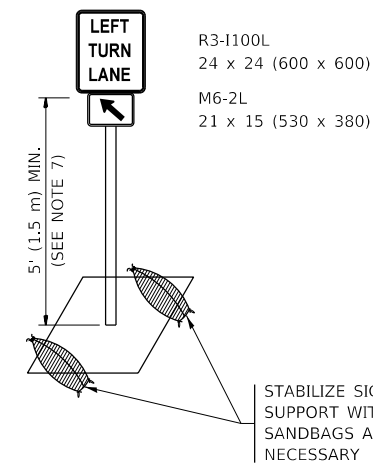
**FIGURE 2**

## LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

## 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 REQUIREMENTS.
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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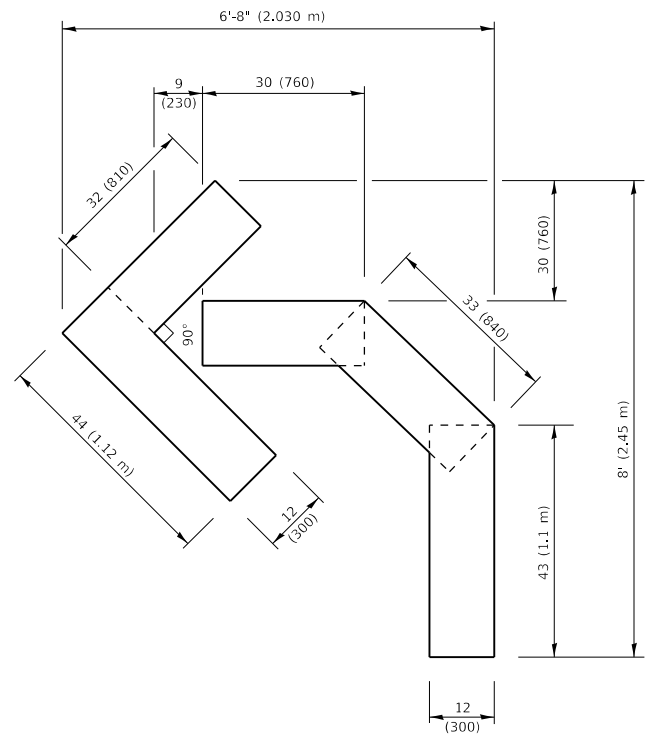
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 10/17/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS  
(TO REMAIN OPEN TO TRAFFIC)

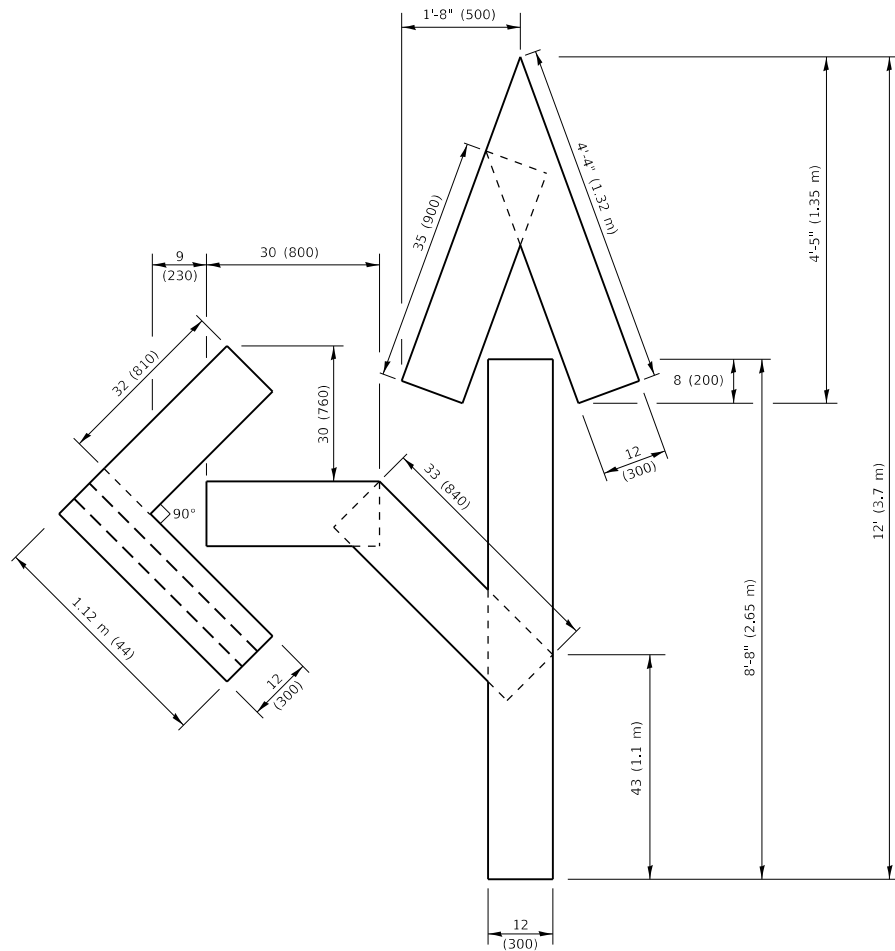
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	83
TC-14		CONTRACT NO. 62J54		
ILLINOIS FED. AID PROJECT				



**QUANTITY**

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

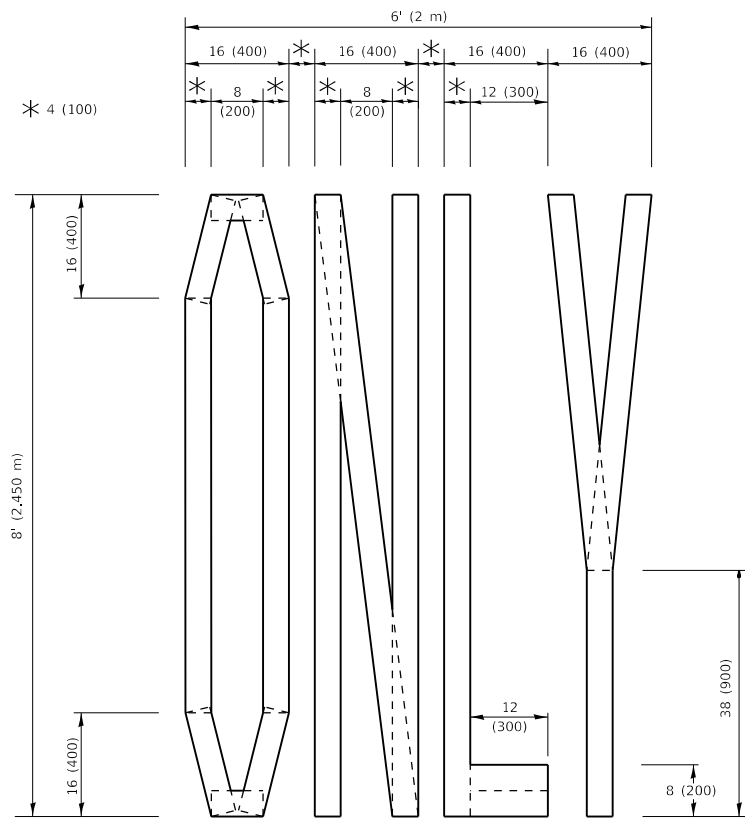


**QUANTITY**

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

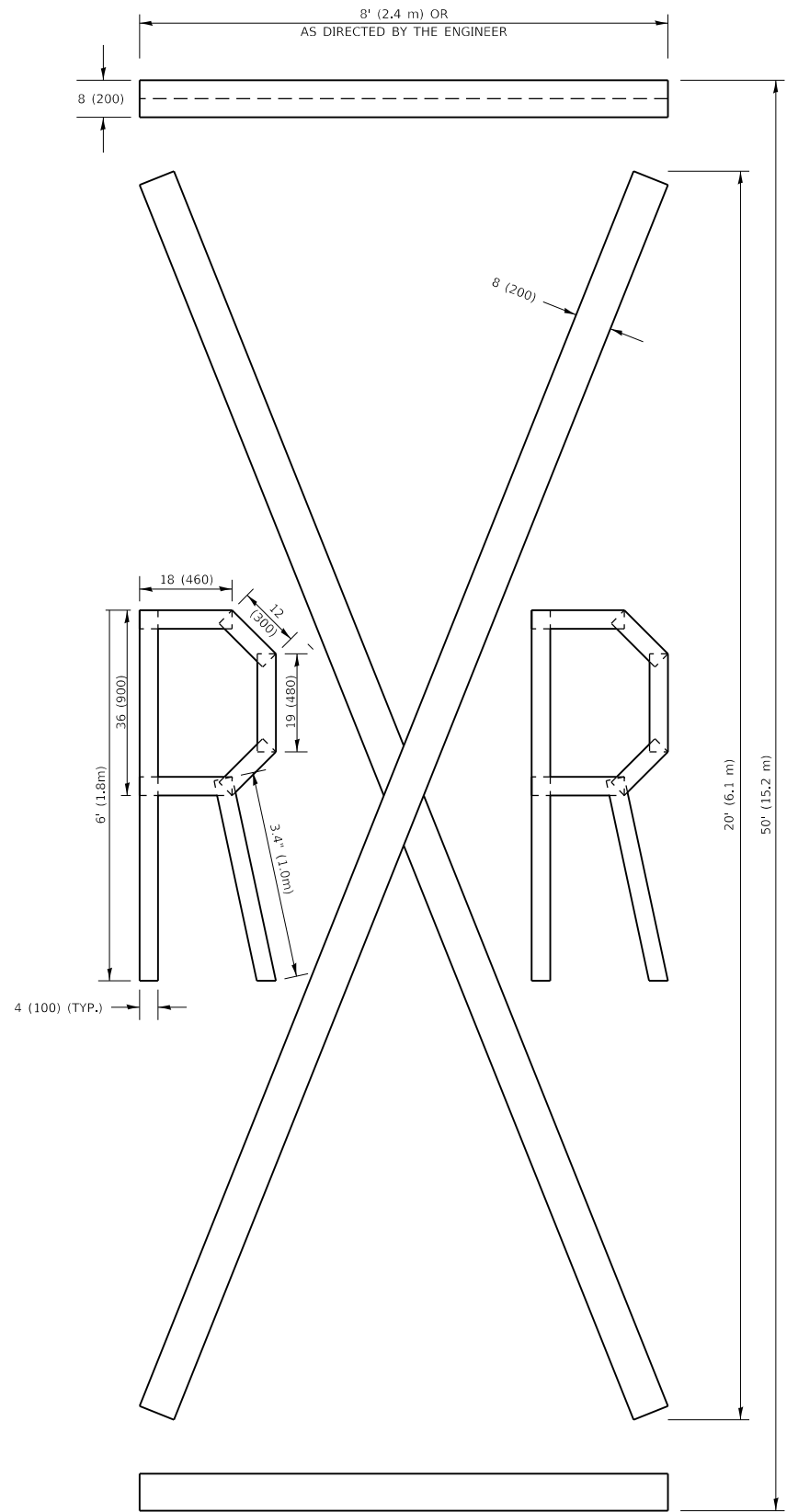
**NOTE:**

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 = 64.1 ft. (19.5 m)  
21.4 sq. ft. (1.99 sq. m)



**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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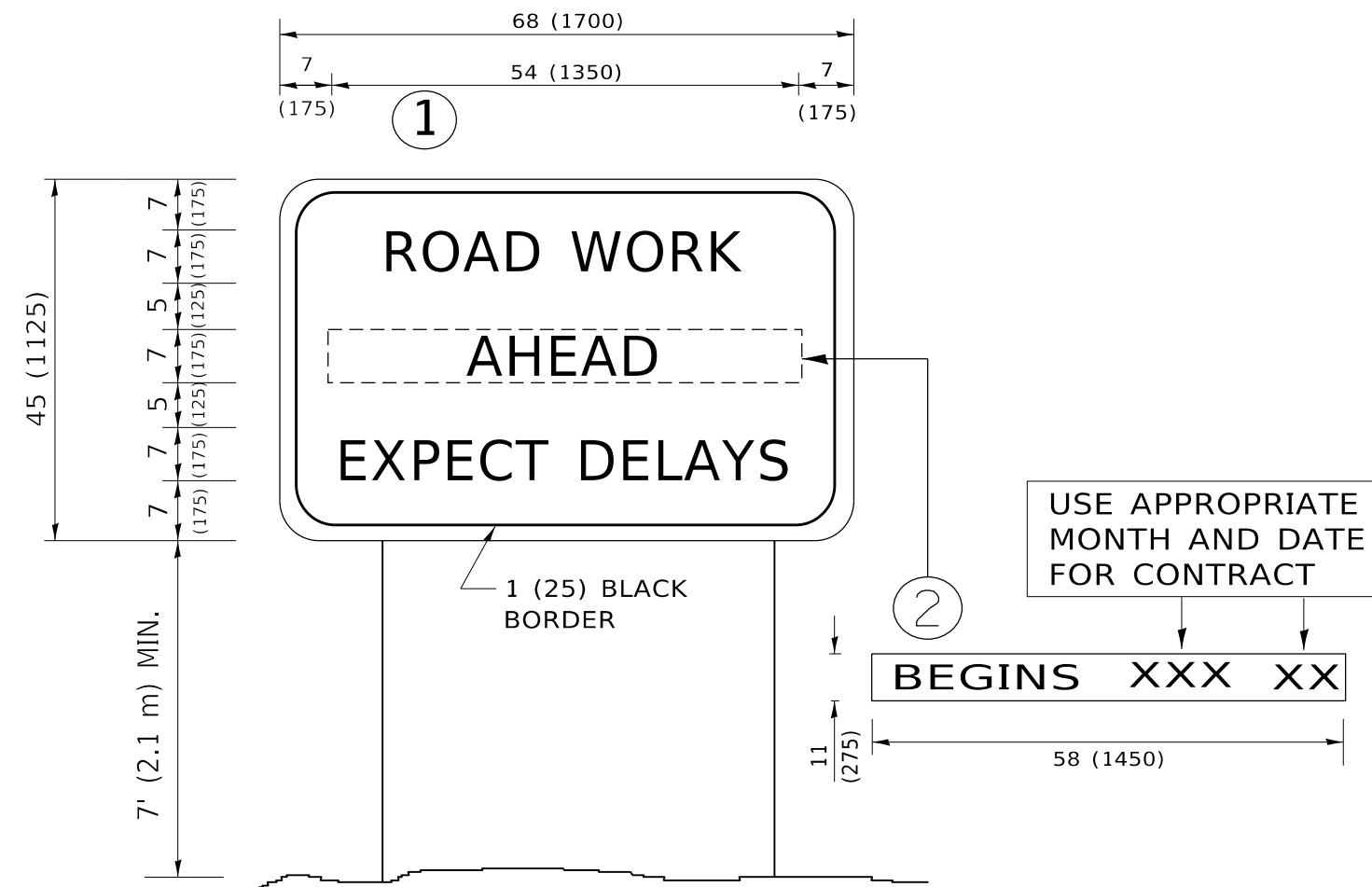
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PLOT DATE = 10/17/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	84
<b>TC-16</b>			CONTRACT NO. <b>62J54</b>	
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.

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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 10/17/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

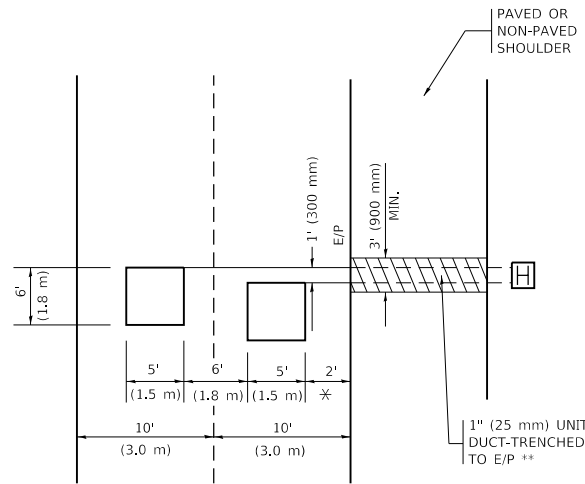
**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	85
<b>TC-22</b>			CONTRACT NO. <b>62J54</b>	
ILLINOIS FED. AID PROJECT				

**LOOPS NEXT TO SHOULDERS**

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

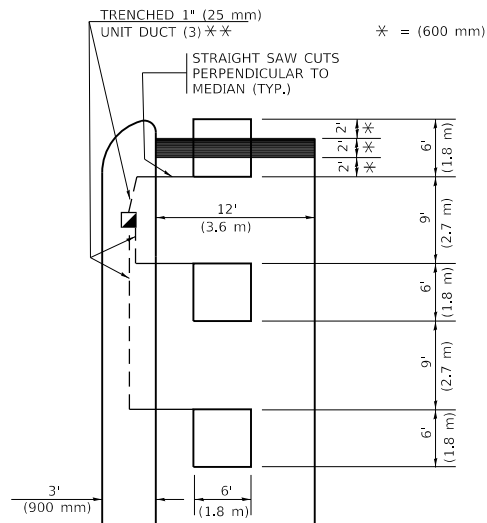


\* = (600 mm)

\*\* 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.

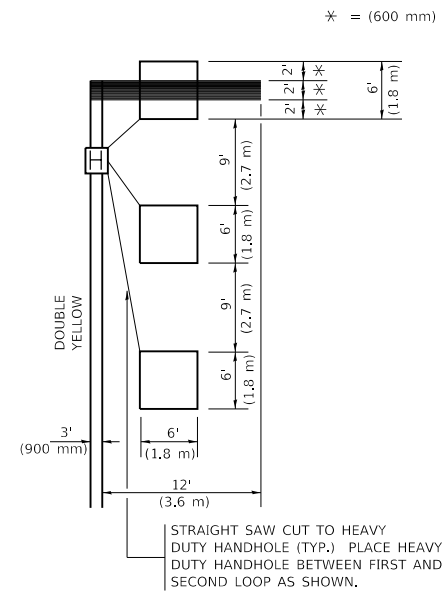


\* = (600 mm)

\*\* 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)**



\* = (600 mm)

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

**NOTES:**

**VEHICLES LOOP DETECTORS**

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

**PLACEMENT OF DETECTORS**

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

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

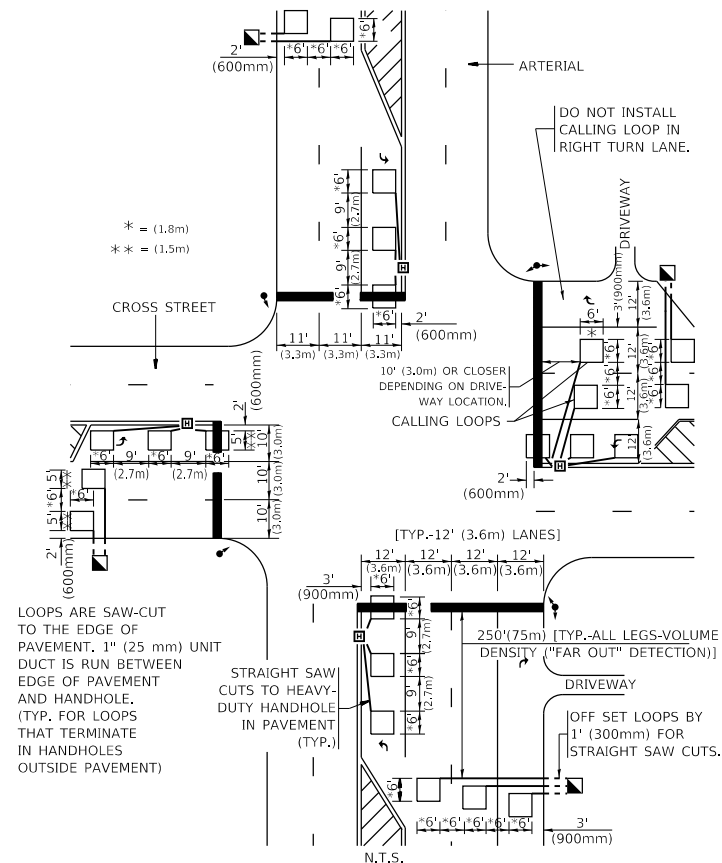
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

**NOTE:**

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

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

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



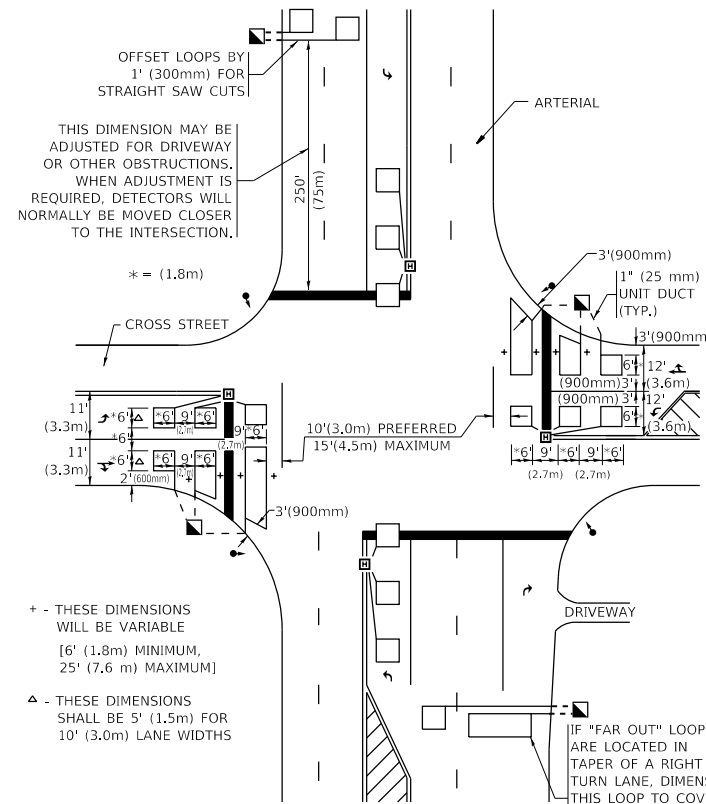
\* = (1.8m)  
 \*\* = (1.5m)

LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

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

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



THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

Δ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

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

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

**DISTRICT 1 - DETECTOR LOOP INSTALLATION**  
**DETAILS FOR ROADWAY RESURFACING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	2019-069-RS&SW	COOK	86	86
TS-07		CONTRACT NO. 62J54		
ILLINOIS FED. AID PROJECT				