03-11-2022 LETTING ITEM 007

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	1
	ILLINOIS	CONTRACT NO. 62M47		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

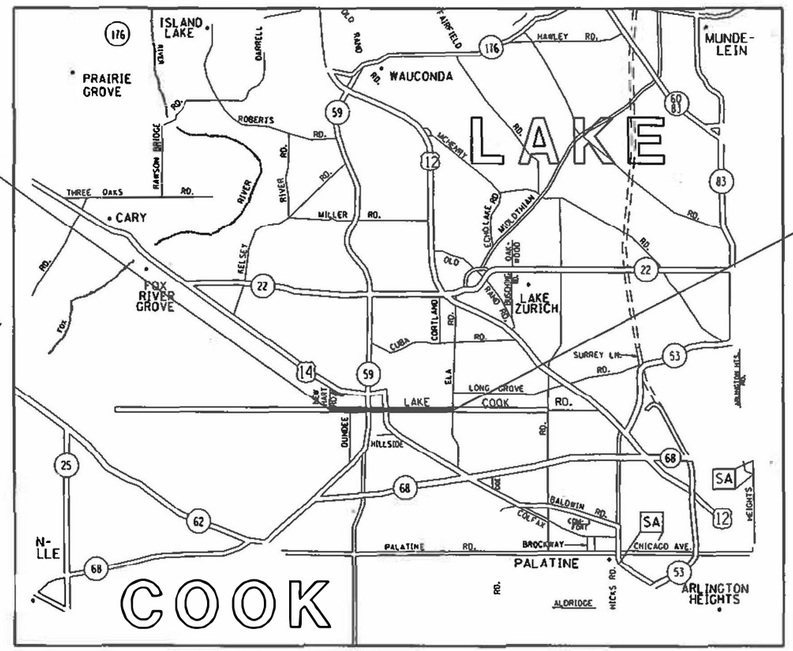
FAU ROUTE 1270: MAIN ST
WEST OF HART RD TO ELA RD
SECTION: 2020–160–RS&SW
PROJECT: NHPP–STP–2RQ1(076)
DESIGNED OVERLAY, ADA IMPROVEMENTS
COOK & LAKE COUNTIES

C–91–371–20

D–91–572–20

LOCATION OF SECTION INDICATED THUS:–

R9E | R10E



CUBA, BARRINGTON, PALATINE, ELA TOWNSHIPS

GROSS LENGTH = 13,690 FT. = 2.6 MILE

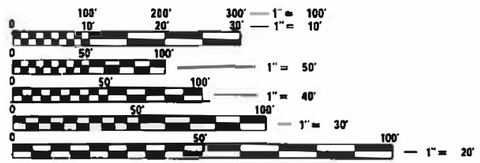
NET LENGTH = 12,898 FT. = 2.4 MILE

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGE OF BARRINGTON

TRAFFIC DATA:

MAIN ST; 2018
STA 12+70 TO STA 56+00:
ADT = 10750, SPEED LIMIT = 25 – 30 MPH
STA 56+00 TO STA 77+00:
ADT = 11000, SPEED LIMIT = 25 – 35 MPH
STA 77+00 TO STA 151+10:
ADT = 15200, SPEED LIMIT = 35 – 45 MPH



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

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

RESURFACING OMISSIONS:

RAILROAD
STA. 36+00 TO STA. 36+47
RAILROAD
STA. 59+47 TO STA. 59+72
US ROUTE 14
STA. 74+80 TO STA. 82+00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 9 2021
Jose Rios (DS)
REGIONAL ENGINEER

February 4 2022
ENGINEER OF DESIGN AND ENVIRONMENT

February 4 2022
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: VESELIN VELICHKOV (847)–705–4432
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62M47

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD, STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
604001-05	FRAME AND LIDS, TYPE 1
604086-05	FRAME AND GRATE, TYPE 23
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24'' FROM PAVEMENT EDGE
701011-04	OFF-ROAD OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24'' FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > OR = 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > OR = 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > OR = 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < OR = 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 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
780001-05	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).
2. 10 FEET (3 METERS) TRANSITION SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES AND THE VILLAGE OF BARRINGTON.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
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. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
8. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)], WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
9. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
10. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
11. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENT SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT IN PART OF THIS CONTRACT.
12. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
13. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½INCHES (40 mm) 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 MACHINE IS SLOPED A MINIMUM (1:3).
14. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL CENTER AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
15. PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL. (TC-13)
16. THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER, VIA EMAIL AT PATRICE.HARRIS@ILLINOIS.GOV, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS
17. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
18. THE CONTRACTOR MUST USE EXTREME CARE AND CAUTION WHEN MILLING AND PAVING THE PAVEMENT NEAR RR CROSSING SO AS TO AVOID ACCIDENTLY HITTING ANY RR WARNING DEVICES WITH ANY CONSTRUCTION EQUIPMENT (I.E., DUMP TRUCKS OR MILLING MACHINES).
19. FOR ANY AND ALL COMMUNICATION WITH UNION PACIFIC RAILROAD, THE CONTRACTOR SHALL REFERENCE UP FOLDER NUMBER (2581-00).
20. THE CONTRACTOR MUST COMPLETE THE ENDORSEMENT FORM AND RETURN VIA MAIL TO THE ADDRESS STATED IN THE FORM WITH A CHECK IN THE AMOUNT OF $1,025.00, PAYABLE TO UNION PACIFIC RAILROAD CO. A SIGNED COPY OF THE FORM AND CHECK MUST BE EMAILED TO DAVID LAPLANTE AT DCLAPLANTE@UP.COM.
21. SECTION 424, PAY ITEM: X4240800: CAST IRON DETECTABLE WARNING SHALL BE WITH NATURAL PATINA. CONTRACTOR SHOULD COORDINATE CAST IRON DETECTABLE WARNING TYPE WITH VILLAGE OF BARRINGTON PRIOR TO ORDERING.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST FROM W OF HART RD TO ELA RD
INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	2
		CONTRACT NO. 62M47		
	ILLINOIS FED. AID PROJECT			

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 STP 80% FED 20% STATE LAKE	0005 STP 80% FED 20% STATE COOK	0005 NHPP 80% FED 20% STATE LAKE	0005 NHPP 80% FED 20% STATE COOK	0005 100% STATE	
20200100	EARTH EXCAVATION	CU YD	125	49	48	14	14		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	181	104	30	29	18		
25200110	SODDING, SALT TOLERANT	SQ YD	200	115	33	32	20		
25200200	SUPPLEMENTAL WATERING	UNIT	9	5	2	1	1		
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	10	4	4	1	1		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	39037	18153	18152	1366	1366		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	20000	9300	9300	700	700		
40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	87	41	40	3	3		
	FLANGEWAYS								
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SQ YD	723	337	336	25	25		
	JOINT								
40601005	HOT-MIX ASPHALT REPLACEMENT OVER	TON	1588	738	738	56	56		
	PATCHES								
40602985	HOT-MIX ASPHALT BINDER COURSE,	TON	6478	3012	3012	227	227		
	IL-9.5, N70								
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5,	TON	2	1	1				
	MIX "D", N50								
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5,	TON	5668	2636	2636	198	198		
	MIX "D", N70								

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 STP 80% FED 20% STATE LAKE	0005 STP 80% FED 20% STATE COOK	0005 NHPP 80% FED 20% STATE LAKE	0005 NHPP 80% FED 20% STATE COOK	0005 100% STATE	
42000500	PORTLAND CEMENT CONCRETE PAVEMENT, 10"	SQ YD	24		24				
42001300	PROTECTIVE COAT	SQ YD	1931	755	778	206	192		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY	SQ YD	53	25	24	2	2		
	PAVEMENT, 8 INCH								
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5	SQ FT	10791	4103	4013	1331	1344		
	INCH								
42400800	DETECTABLE WARNINGS	SQ FT	225	113	112				
44000164	HOT-MIX ASPHALT SURFACE REMOVAL,	SQ YD	57832	26892	26892	2024	2024		
	3 3/4"								
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	63	30	29	2	2		
44000600	SIDEWALK REMOVAL	SQ FT	10791	4753	4843	352	843		
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES,	SQ YD	7093	3299	3298	248	248		
	4"								
44200050	WELDED WIRE REINFORCEMENT	SQ YD	126			63	63		
44200966	CLASS B PATCHES, TYPE I, 10 INCH	SQ YD	7			4	3		
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	254			127	127		
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	57			29	28		
									* = SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST FROM W OF HART RD TO ELA RD
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	3
		CONTRACT NO. 62M47		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 STP 80% FED 20% STATE LAKE	0005 STP 80% FED 20% STATE COOK	0005 NHPP 80% FED 20% STATE LAKE	0005 NHPP 80% FED 20% STATE COOK	0005 100% STATE	
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	69			35	34		
44201299	DOWEL BARS 1 1/2"	EACH	637			319	318		
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	2132	1066	1066				
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	1234	617	617				
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	3727	1864	1863				
44213200	SAW CUTS	FOOT	2008			1004	1004		
44213204	TIE BARS 3/4"	EACH	637			319	318		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	233	109	108	8	8		
56109210	WATER VALVES TO BE ADJUSTED	EACH	10	4	4	1	1		
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2	1	1				
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1		1				
60404940	FRAMES AND GRATES, TYPE 23	EACH	3	2	1				
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	3	2	1				
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	33	16	15	1	1		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	125	49	48	14	14		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	4	4	1	1		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	0.46	0.46	0.04	0.04		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	0.46	0.46	0.04	0.04		
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	84	39	39	3	3		
67100100	MOBILIZATION	L SUM	1	0.46	0.46	0.04	0.04		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.46	0.46	0.04	0.04		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.46	0.46	0.04	0.04		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.46	0.46	0.04	0.04		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.46	0.46	0.04	0.04		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	0.46	0.46	0.04	0.04		
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.46	0.46	0.04	0.04		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.46	0.46	0.04	0.04		

* = SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST FROM W OF HART RD TO ELA RD
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	4
		CONTRACT NO. 62M47		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE 0005 STP 80% FED 20% STATE LAKE	0005 STP 80% FED 20% STATE COOK	0005 NHPP 80% FED 20% STATE LAKE	0005 NHPP 80% FED 20% STATE COOK	0005 100% STATE	
CODE NO	ITEM	UNIT							
70102640	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	0.46	0.46	0.04	0.04		
	STANDARD 701801								
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	6			3	3		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	17461	8120	8119	611	611		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7742	3600	3600	271	271		
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND	SQ FT	1204	560	560	42	42		
	SYMBOLS - PAINT								
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" -	FOOT	37437	17409	17408	1310	1310		
	PAINT								
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" -	FOOT	4438	2064	2064	155	155		
	PAINT								
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" -	FOOT	2263	1052	1052	80	79		
	PAINT								
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" -	FOOT	712	331	331	25	25		
	PAINT								
70306120	TEMPORARY PAVEMENT MARKING - LINE 4",	FOOT	5820	2706	2706	204	204		
	TYPE III - TAPE								
* 78000100	THERMOPLASTIC PAVEMENT MARKING -	SQ FT	1204	560	560	42	42		
	LETTERS AND SYMBOLS								
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	37437	17409	17408	1310	1310		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE 0005 STP 80% FED 20% STATE LAKE	0005 STP 80% FED 20% STATE COOK	0005 NHPP 80% FED 20% STATE LAKE	0005 NHPP 80% FED 20% STATE COOK	0005 100% STATE	
CODE NO	ITEM	UNIT							
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4438	2064	2064	155	155		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2263	1052	1052	80	79		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	712	331	331	25	25		
* 78009000	MODIFIED URETHANE PAVEMENT MARKING -	SQ FT	194			97	97		
	LETTERS AND SYMBOLS								
* 78009004	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	2183			1092	1091		
	LINE 4"								
* 78009006	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	1415			708	707		
	LINE 6"								
* 78009012	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	191			96	95		
	LINE 12"								
* 78009024	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	146			73	73		
	LINE 24"								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1100	512	512	38	38		
78300200	RAISED REFLECTIVE PAVEMENT MARKER	EACH	672	312	312	24	24		
	REMOVAL								
78300202	PAVEMENT MARKING REMOVAL -	SQ FT	16785	7806	7805	587	587		
	WATER BLASTING								
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL	EACH	6	2	2	1	1		
	INSTALLATION								

* = SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST FROM W OF HART RD TO ELA RD
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	5
		CONTRACT NO. 62M47		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

REV-SEP

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE 0005 STP 80% FED 20% STATE LAKE	0005 STP 80% FED 20% STATE COOK	0005 NHPP 80% FED 20% STATE LAKE	0005 NHPP 80% FED 20% STATE COOK	0005 100% STATE	
	CODE NO	ITEM	UNIT							
*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	3912	1819	1819	137	137		
*	89500400	RELOCATE EXISTING PEDESTRIAN	EACH	26	12	12	1	1		
		PUSH-BUTTON								
*	89502376	REBUILD EXISTING HANDHOLE	EACH	10	5	4		1		
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	0.46	0.46	0.04	0.04		
	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	92	26	49	7	10		
	X1700112	BRICK PAVER REMOVAL	SQ FT	5820	2122	1909	1154	635		
	X2020110	GRADING AND SHAPING SHOULDERS	UNIT	129	61	60	4	4		
	X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	723	337	336	25	25		
	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	456	154	166	52	84		
	X4400220	CURB REMOVAL AND REPLACEMENT	FOOT	40		40				
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND	FOOT	750	349	349	26	26		
		REPLACEMENT LESS THAN OR EQUAL 10 FEET								
	X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	400					400	
	X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	300					300	
	X6030310	FRAMES AND LIDS TO BE ADJUSTED	EACH	115	54	53	4	4		
		(SPECIAL)								

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE 0005 STP 80% FED 20% STATE LAKE	0005 STP 80% FED 20% STATE COOK	0005 NHPP 80% FED 20% STATE LAKE	0005 NHPP 80% FED 20% STATE COOK	0005 100% STATE	
	CODE NO	ITEM	UNIT							
	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	5	5	1	1		
*	X8140238	REBUID EXISITING DOUBLE HANDHOLE	EACH	5	1	2	2			
	Z0004562	COMBINATION CONCRETE CURB AND GUTTER	FOOT	2000	800	827	180	193		
		REMOVAL AND REPLACEMENT								
	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	37	18	17	1	1		
	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	78					78	
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103	49	48	3	3		
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.5	0.5				
Ø	Z0076600	TRAINEES	HOURS	500	500					
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500					

Ø 0042

* = SPECIALTY ITEMS

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	PLOT SCALE = 100.0000 ' / In.	DRAWN -	REVISED -
	PLOT DATE = 12/17/2021	CHECKED -	REVISED -
		DATE -	REVISED -

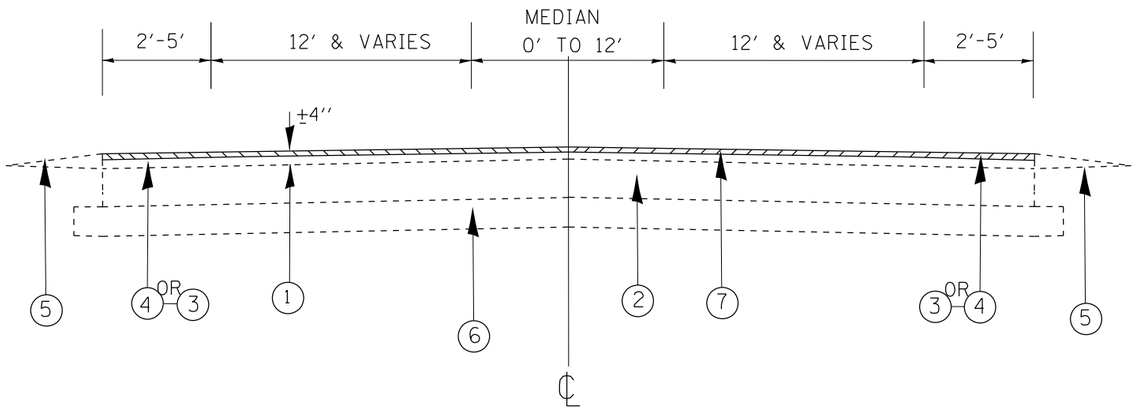
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST FROM W OF HART RD TO ELA RD
SUMMARY OF QUANTITIES

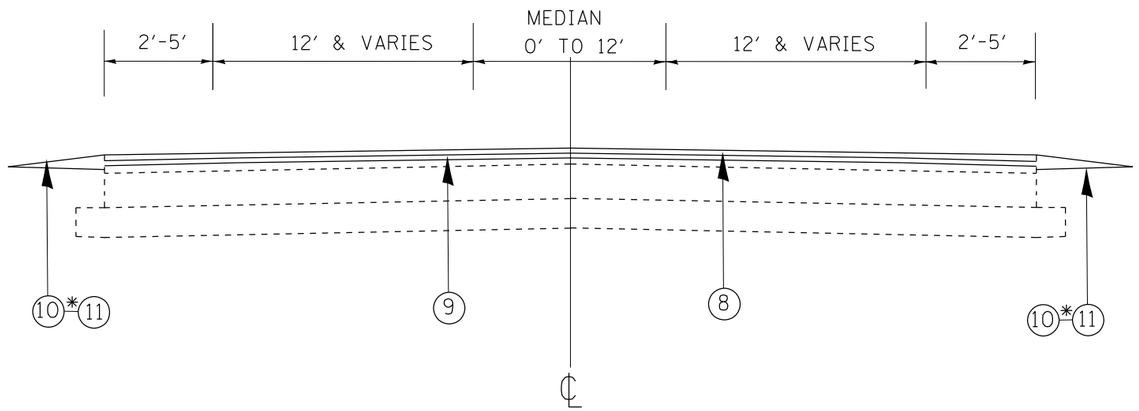
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	6
		CONTRACT NO. 62M47		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

REV-SEP



MAIN STREET
EXISTING TYPICAL SECTION
STA 12+70 TO STA 149+60



MAIN STREET
PROPOSED TYPICAL SECTION
STA 12+70 TO STA 149+60

*GRADING AND SHAPING SHOULDER & AGGREGATE WEDGE SHOULDER LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

LEGEND

1. EXISTING HMA SURFACE COURSE
2. EXISTING PCC, ±10''
3. EXISTING HMA SHOULDER
4. EXISTING CURB AND GUTTER
5. EXISTING GRAVEL SHOULDER
6. EXISTING AGGREGATE BASE COURSE
7. PROPOSED HMA SURFACE REMOVAL, 3 ¾''
8. PROPOSED HMA SURFACE COURSE IL-9.5, MIX ''D'', N70, 1 ¾''
9. PROPOSED HMA BINDER COURSE, IL-9.5, N70, 2 ''
10. PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
11. PROPOSED GRADING AND SHAPING SHOULDERS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
RESURFACING		
HMA SURFACE COURSE, MIX ''D'', N70, (IL-9.5) 1 ¾''	4% @ 70 GYR.	QCP
HMA BINDER COURSE, IL-9.5, N70 2''	4% @ 70 GYR.	QCP
COMMERCIAL DRIVEWAY		
HMA SURFACE COURSE, MIX ''D'', N50, (IL-9.5) 2''	4% @ 50 GYR.	QC/QA
HMA BASE COURSE, 8'' (HMA BINDER IL-19.0)	4% @ 50 GYR.	QC/QA
TEMPORARY RAMP, SPECIAL (HMA BINDER IL-19.0)	4% @ 50 GYR.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR.	QC/QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

NOTES:

1. THE CONTRACTOR SHALL PATCH BEFORE MILLING
2. THE UNIT WEIGHT TO BE USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
3. 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 RECLAIMED MATERIALS SPECIFICATIONS.
4. LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BINDER COURSE IL-9.5 N70.

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PLOT DATE = 12/27/2021	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST FROM W OF HART RD TO ELA RD
EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	7
		CONTRACT NO. 62M47		
	ILLINOIS FED. AID PROJECT			

PAVEMENT MARKING LEGEND

• = THERMOPLASTIC PAVEMENT MARKING -
•• = MODIFIED URETHANE PAVEMENT MARKING -

- (A) • DOUBLE LINES 4", YELLOW (TYP.)
- (B) • MARKING-LINE 12", YELLOW (TYP.) 5 minimum
- (C) • TURN LANE MARKING-LINE 6", WHITE (TYP.)
- (D) • LINE 12", WHITE (TYP.)
- (E) • LINE 4", WHITE (TYP.)
- (F) • LINE PEDESTRIAN CROSSWALK 6", WHITE (TYP.)
- (G) • LINE PAVEMENT SCHOOL CROSSWALK 12", WHITE (TYP.)
- (H) • STOP LINE 24", WHITE (TYP.)
- (I) • LINE 4", 10' DASH-30'SKIP, YELLOW (TYP.)
- (J) • LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)
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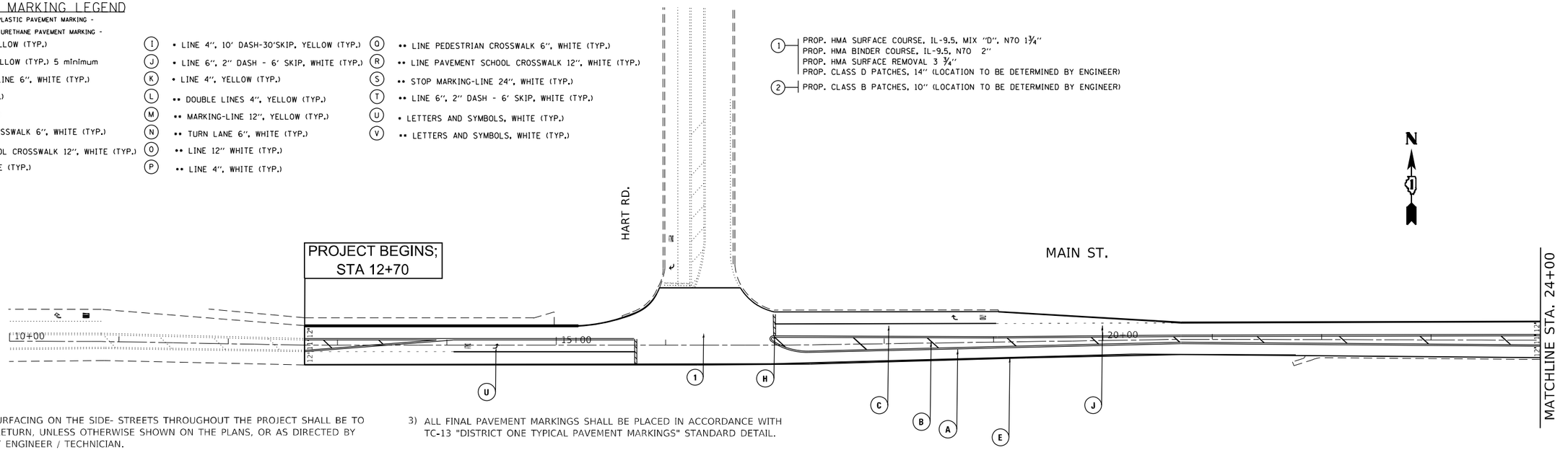
- (U) • LETTERS AND SYMBOLS, WHITE (TYP.)
- (V) •• LETTERS AND SYMBOLS, WHITE (TYP.)

(1) PROP. HMA SURFACE COURSE, IL-9.5, MIX "D", N70 1¾"
PROP. HMA BINDER COURSE, IL-9.5, N70 2"
PROP. HMA SURFACE REMOVAL 3 ¾"
PROP. CLASS D PATCHES, 14" (LOCATION TO BE DETERMINED BY ENGINEER)

(2) PROP. CLASS B PATCHES, 10" (LOCATION TO BE DETERMINED BY ENGINEER)



NOTES:

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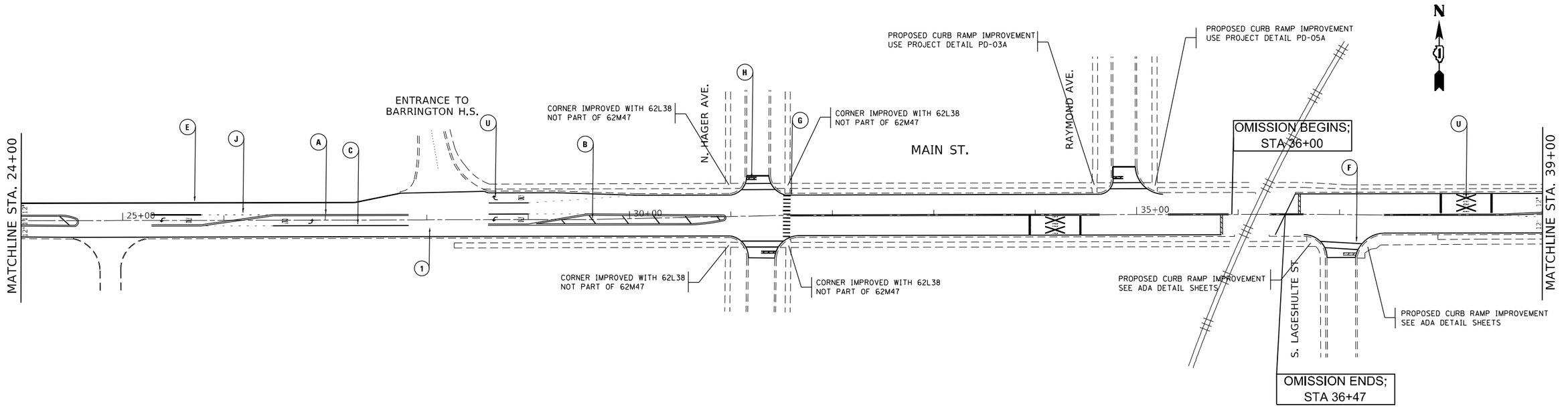

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKING PLAN
MAIN ST. (W/O HART RD. – ELA RD.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	8
		CONTRACT NO. 62M47		
	ILLINOIS	FED. AID PROJECT		

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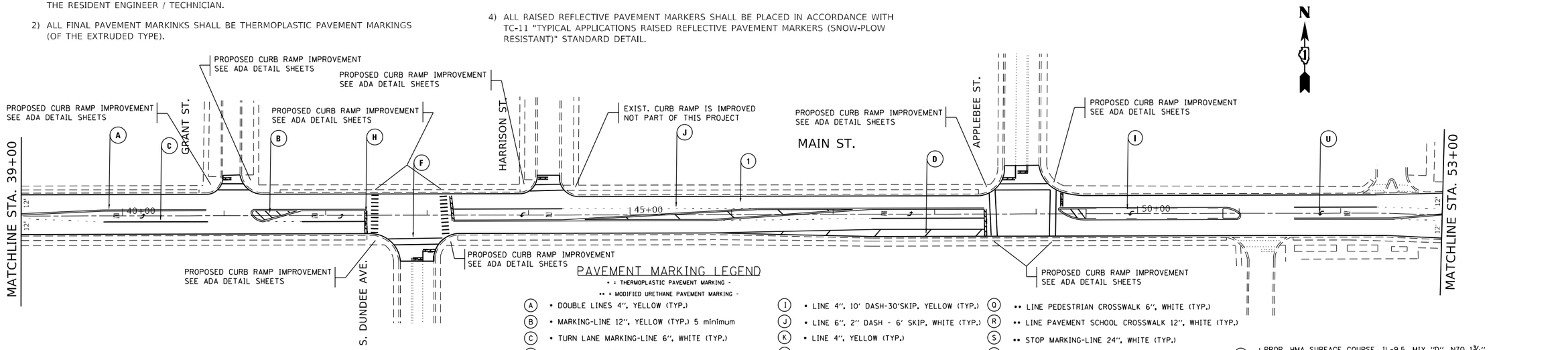

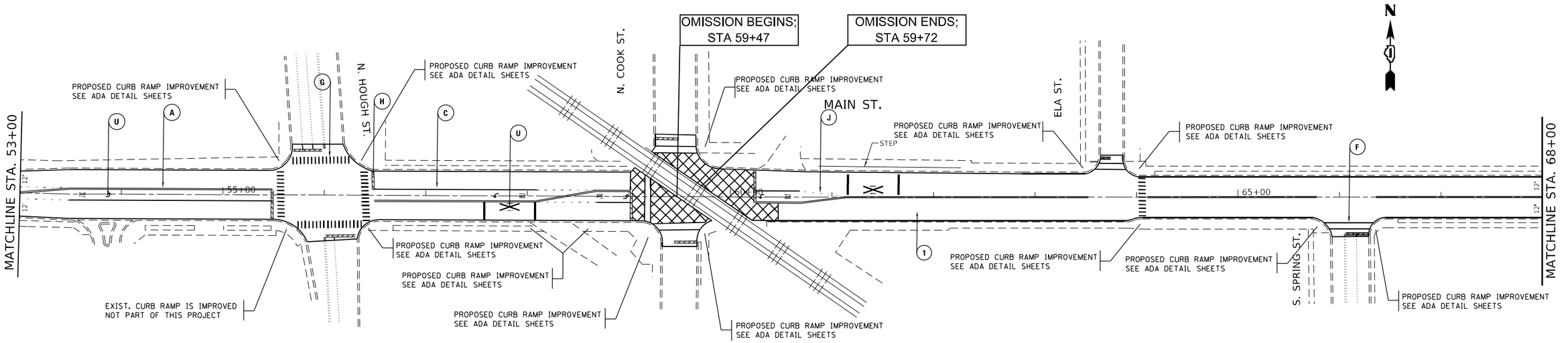

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKING PLAN
MAIN ST. (W/O HART RD. – ELA RD.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	9
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

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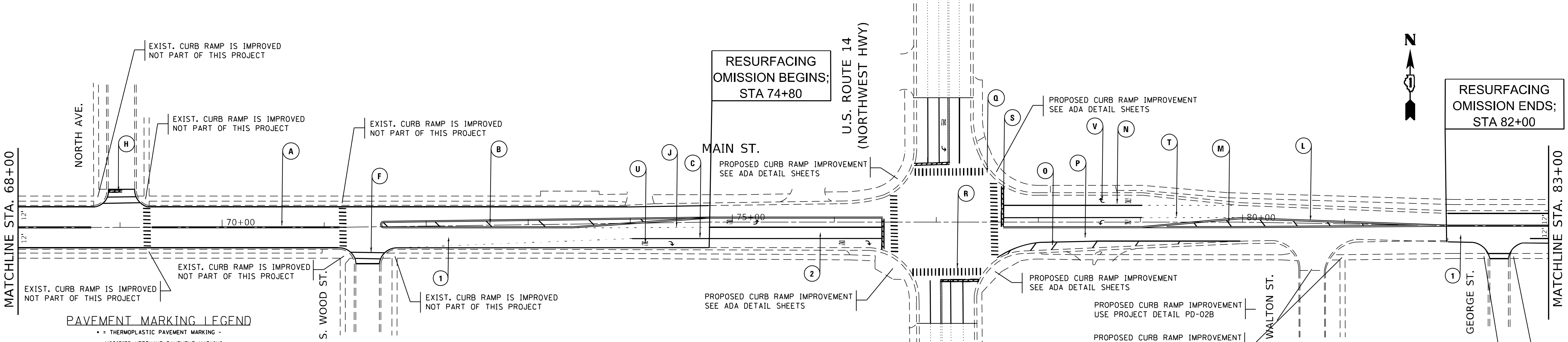

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NOTES:

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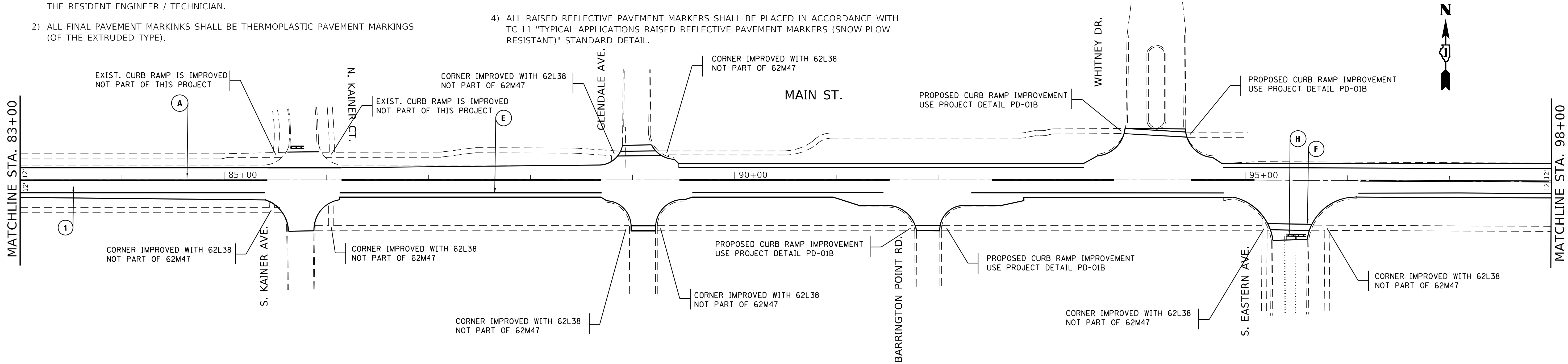

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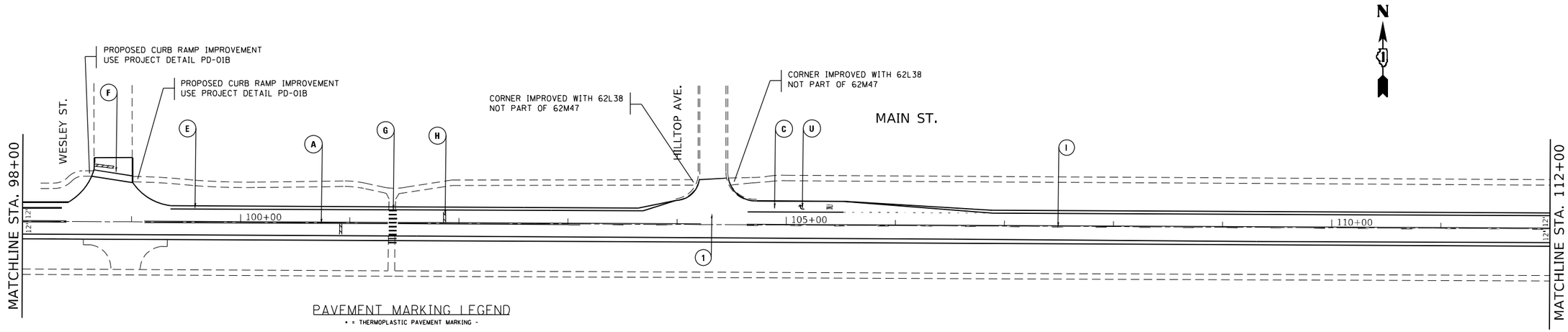
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKING PLAN
MAIN ST. (W/O HART RD. – ELA RD.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	10
		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		



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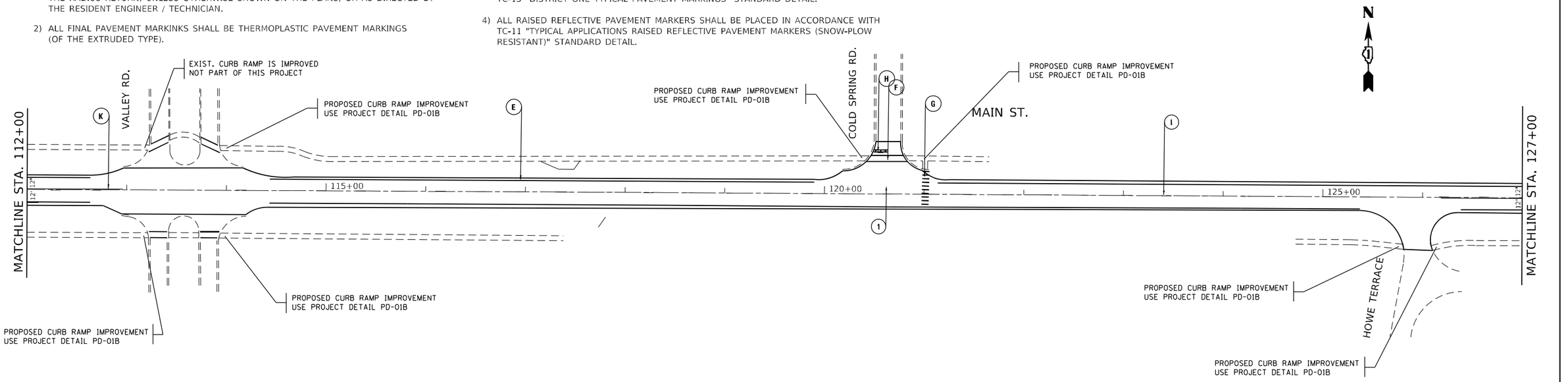

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	11
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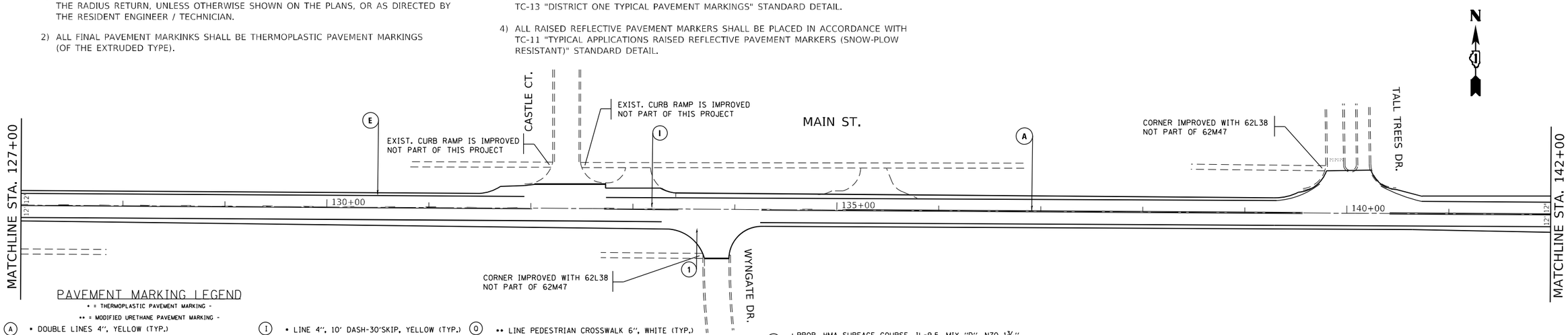

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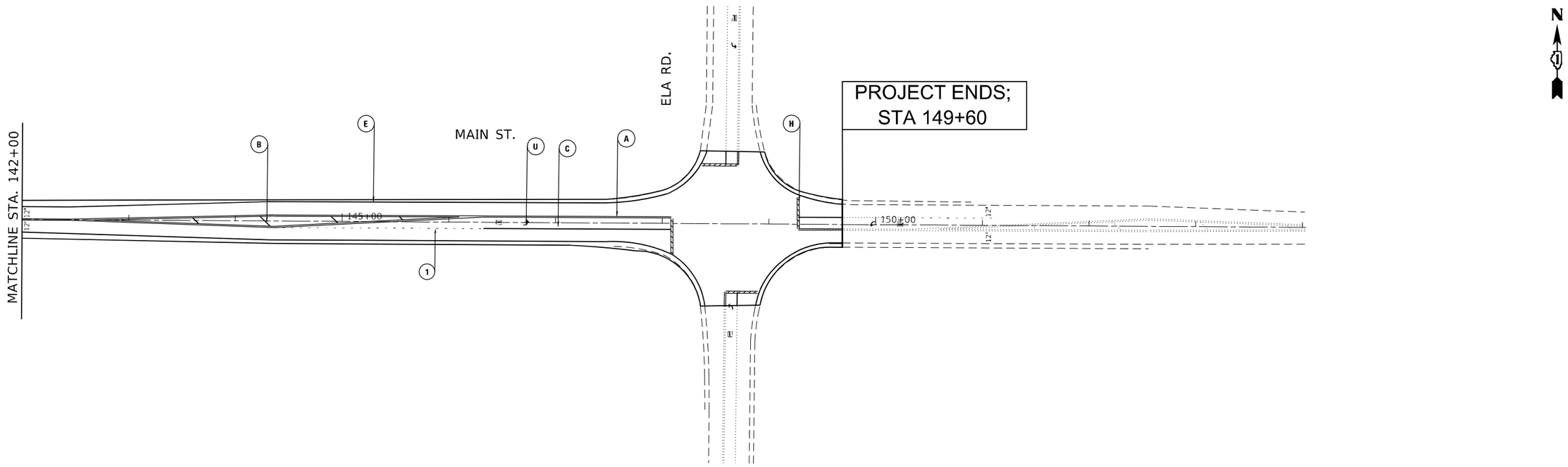

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKING PLAN
MAIN ST. (W/O HART RD. – ELA RD.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	12
		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
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COUNTY: LAKE FUNDING SOURCE: STP

LOCATION		20200100	21101615	25000400	25000500	25000600	25200110	25200200	42001300	42400200	44000600	60265700	85000200	X1700112	X0327426	X0327611	X4240800	X8140238	Z0004562
CROSS STREET	CORNER	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SIDEWALK REMOVAL	VALVE VAULTS TO BE ADJUSTED	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	BRICK PAVER REMOVAL	REBUILD EXISTING HANDHOLE	REMOVE AND REINSTALL BRICK PAVER	DETECTABLE WARNINGS (SPECIAL)	REBUILD EXISTING DOUBLE HANDHOLE	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
		CU YD	SQ YD	POUND	POUND	POUND	SQ YD	UNIT	SQ YD	SQ FT	SQ FT	EACH	EACH	SQ FT	EACH	SQ FT	SQ FT	EACH	FOOT
GRANT STREET	NW	3.5	14.2	0.2	0.2	0.2	15.6	0.7	48	347	68	1		269			9		33
GRANT STREET	NE	3.9	9.3	0.1	0.1	0.1	10.3	0.5	58	393				389			10		49
DUNDEE AVENUE	NW	1.1	7.1	0.1	0.1	0.1	7.8	0.4	17	107	87		0.5	25	1		10		17
DUNDEE AVENUE	NE	2.1	6.7	0.1	0.1	0.1	7.3	0.3	31	209	89			120	1		10		26
HARRISON STREET	NW	1.6	15.4	0.2	0.2	0.2	17.0	0.8	28	160	73			152			11		35
APPLEBEE STREET	NW	3.0	17.3	0.2	0.2	0.2	19.1	0.9	46	300	105		0.5	195	1		11		43
APPLEBEE STREET	NE	2.1	8.2	0.1	0.1	0.1	9.0	0.4	36	211				199		2	14	1	44
HOUGH STREET (IL 59)	NE	4.2							57	419			0.5	418	2	19	33		38
COOK STREET	NE	2.1	6.4	0.1	0.1	0.1	7.1	0.3	29	209	204						12		19
ELA STREET	NW	2.3	4.2	0.1	0.1	0.1	4.6	0.2	35	229	129			100		5	12		32
ELA STREET	NE	2.7	15.1	0.2	0.2	0.2	16.6	0.7	42	272	36			255			22		40
	TOTAL=	29	104	1	1	1	115	5	425	2,856	791	1	1.5	2,122	5	26	154	1	376

COUNTY: COOK FUNDING SOURCE: STP

LOCATION		20200100	21101615	25000400	25000500	25000600	25200110	25200200	42001300	42400200	42000500	44000600	60600105	85000200	X1700112	X0327426	X0327611	X4240800	X4400220	X8140238	Z0004562
CROSS STREET	CORNER	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SIDEWALK REMOVAL	FRAMES AND GRATES TO BE ADJUSTED	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	BRICK PAVER REMOVAL	REBUILD EXISTING HANDHOLE	REMOVE AND REINSTALL BRICK PAVER	DETECTABLE WARNINGS (SPECIAL)	CURB REMOVAL AND REPLACEMENT	REBUILD EXISTING DOUBLE HANDHOLE	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
		CU YD	SQ YD	POUND	POUND	POUND	SQ YD	UNIT	SQ YD	SQ FT	SQ YD	SQ FT	EACH	EACH	SQ FT	EACH	SQ FT	SQ FT	FOOT	EACH	FOOT
DUNDEE AVENUE	SW	3.5	12.0	0.2	0.2	0.2	13.2	0.6	56	346		88		0.5	246			25		1	60
DUNDEE AVENUE	SE	2.7	4.4	0.1	0.1	0.1	4.9	0.2	47	274		77			190	1		13			56
APPLEBEE STREET	SW	1.3	8.2	0.1	0.1	0.1	9.0	0.4	20	130		104		0.5	15	1		10			19
APPLEBEE STREET	SE	2.1	1.8	0.0	0.0	0.0	2.0	0.1	30	207		93			89			8		1	25
HOUGH STREET (IL 59)	SE	5.2							77	518		124	1	0.5	369	2	4	12			67
PARK AVENUE	S	3.0							76	304	24	204			205		10	54	40		64
COOK STREET	SW	4.1							57	414					414		25	24			38
ELA STREET	S	2.7							40	274		163			110		4	10			33
SPRING STREET	SW	3.0	4.0	0.1	0.1	0.1	4.4	0.2	45	299		28			271		6	10			41
	TOTAL=	28	30	1	1	1	33	2	448	2,766	24	881	1	1.5	1,909	4	49	166	40	2	403

NOTE: RESTORATION (SODDING, NUTRIENTS AND TOPSOIL) LIMITS ARE SHOWN ON THE SITE PLANS WHEN SIDEWALK IS REMOVED AND REPLACED WITH SOD. HOWEVER, FOR RESTORATION AROUND NEW SIDEWALK, QUANTITY HAS BEEN PROVIDED BUT ITS NOT SHOWN ON THE SITE PLANS.

USER NAME = sjohnson	DESIGNED - JMM	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -	
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS
SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	13
		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		

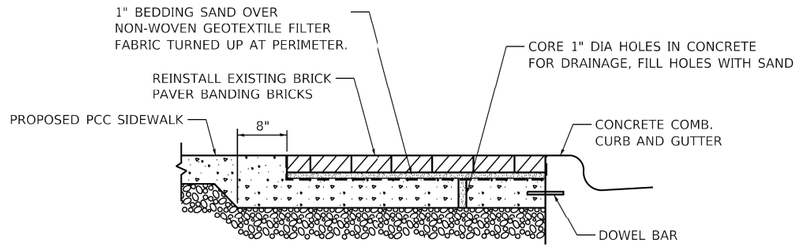
COUNTY: LAKE — FUNDING SOURCE: NHPP

LOCATION		20200100	21101615	25000400	25000500	25000600	25200110	25200200	42001300	42400200	44000600	85000200	X1700112	X0327611	X4240300	X8140238	Z0004562
CROSS STREET	CORNER	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SIDEWALK REMOVAL	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	BRICK PAVER REMOVAL	REMOVE AND REINSTALL BRICK PAVER	DETECTABLE WARNINGS (SPECIAL)	REBUILD EXISTING DOUBLE HANDHOLE	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
		CU YD	SQ YD	POUND	POUND	POUND	SQ YD	UNIT	SQ YD	SQ FT	SQ FT	EACH	SQ FT	SQ FT	SQ FT	EACH	FOOT
NORTHWEST HIGHWAY (US 14)	NW	4.2	10.0	0.1	0.1	0.1	11.0	0.5	63	427	54	0.5	375	7	25	1	54
NORTHWEST HIGHWAY (US 14)	NE	8.1	18.9	0.3	0.3	0.3	20.8	0.9	117	810			779		27	1	94
	TOTAL=	12	29	1	1	1	32	1	180	1,237	54	0.5	1,154	7	52	2	148

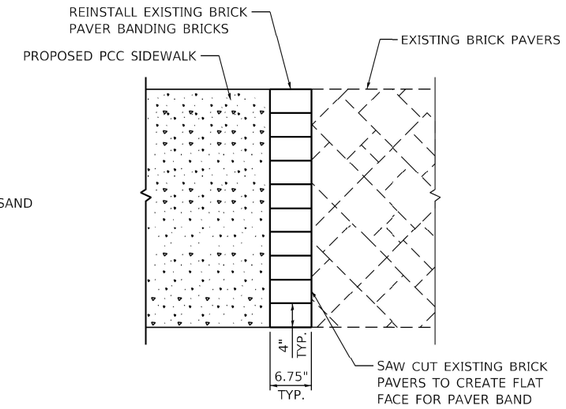
COUNTY: COOK — FUNDING SOURCE: NHPP

LOCATION		20200100	21101615	25000400	25000500	25000600	25200110	25200200	42001300	42400200	44000600	85000200	X1700112	X0327426	X0327611	X4240800	Z0004562
CROSS STREET	CORNER	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SIDEWALK REMOVAL	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	BRICK PAVER REMOVAL	REBUILD EXISTING HANDHOLE	REMOVE AND REINSTALL BRICK PAVER	DETECTABLE WARNINGS (SPECIAL)	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
		CU YD	SQ YD	POUND	POUND	POUND	SQ YD	UNIT	SQ YD	SQ FT	SQ FT	EACH	SQ FT	EACH	SQ FT	SQ FT	FOOT
SPRING STREET	SE	2.8	6.9	0.1	0.1	0.1	7.6	0.3	37	284	75		174			14	32
NORTHWEST HIGHWAY (US 14)	SW	4.8							63	477	0	0.5	461	1	10	31	58
NORTHWEST HIGHWAY (US 14)	SE	4.9	11.1	0.2	0.2	0.2	12.2	0.6	67	489	469					39	71
	TOTAL=	13	18	1	1	1	20	1	167	1,250	544	0.5	635	1	10	84	161

NOTE: RESTORATION (SODDING, NUTRIENTS AND TOPSOIL) LIMITS ARE SHOWN ON THE SITE PLANS WHEN SIDEWALK IS REMOVED AND REPLACED WITH SOD. HOWEVER, FOR RESTORATION AROUND NEW SIDEWALK, QUANTITY HAS BEEN PROVIDED BUT ITS NOT SHOWN ON THE SITE PLANS.



TYPICAL BRICK PAVERS SECTION
N.T.S.



TYPICAL BRICK PAVERS PLAN
N.T.S.

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	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

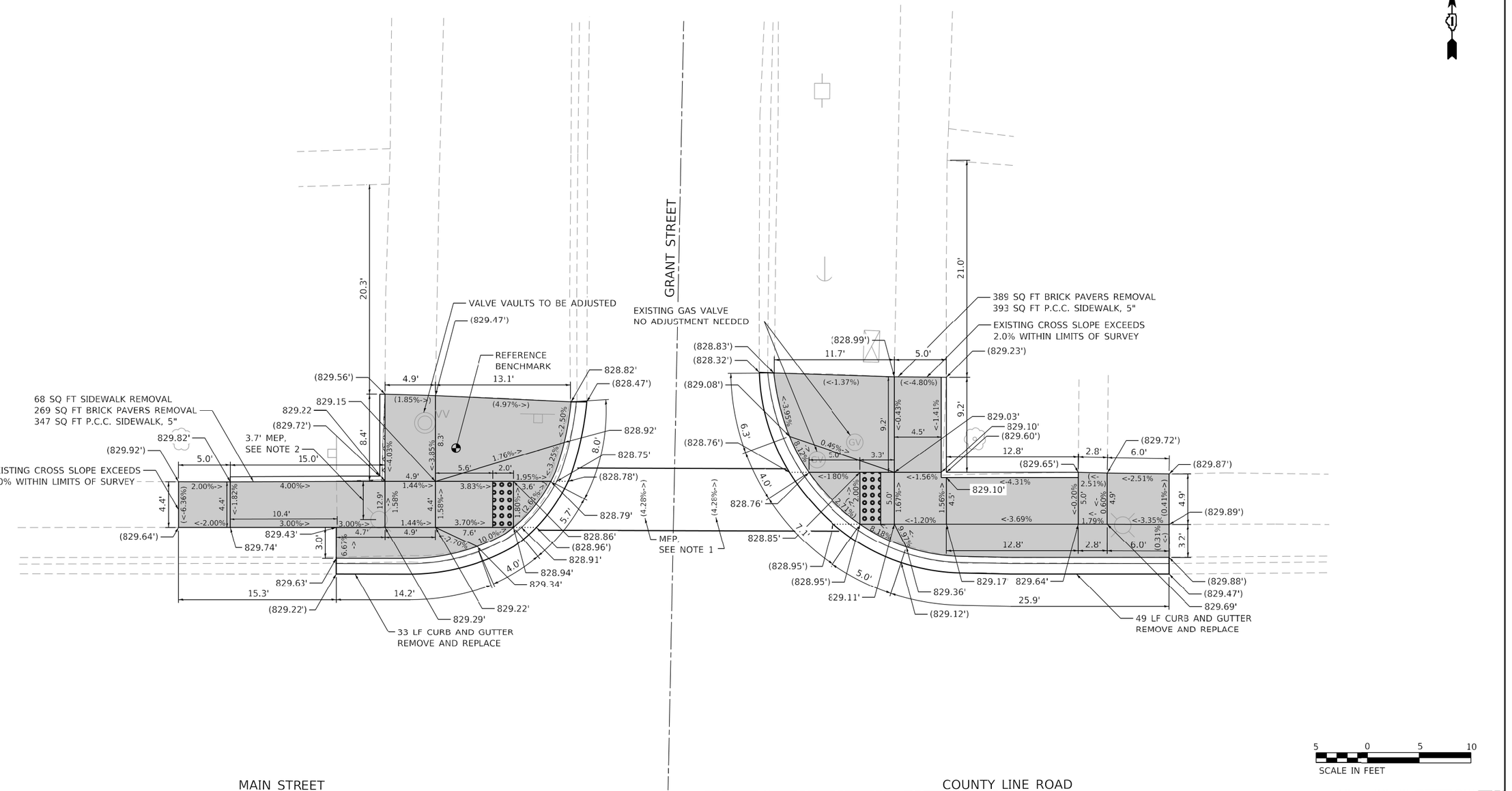
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS
SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	14
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 829.403

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : NW CORNER OF MAIN STREET AND GRANT STREET
AT LOCATION SHOWN ABOVE

LEGEND

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

NOTES:

1. EXISTING CROSSWALK CROSS SLOPE EXCEEDS CURRENT POLICY.
2. CLEARANCE WIDTH IS LESS THAN THE MINIMUM WIDTH OF 4 FEET. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS
MAIN STREET/COUNTY LINE ROAD AND GRANT STREET

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE	52	15
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

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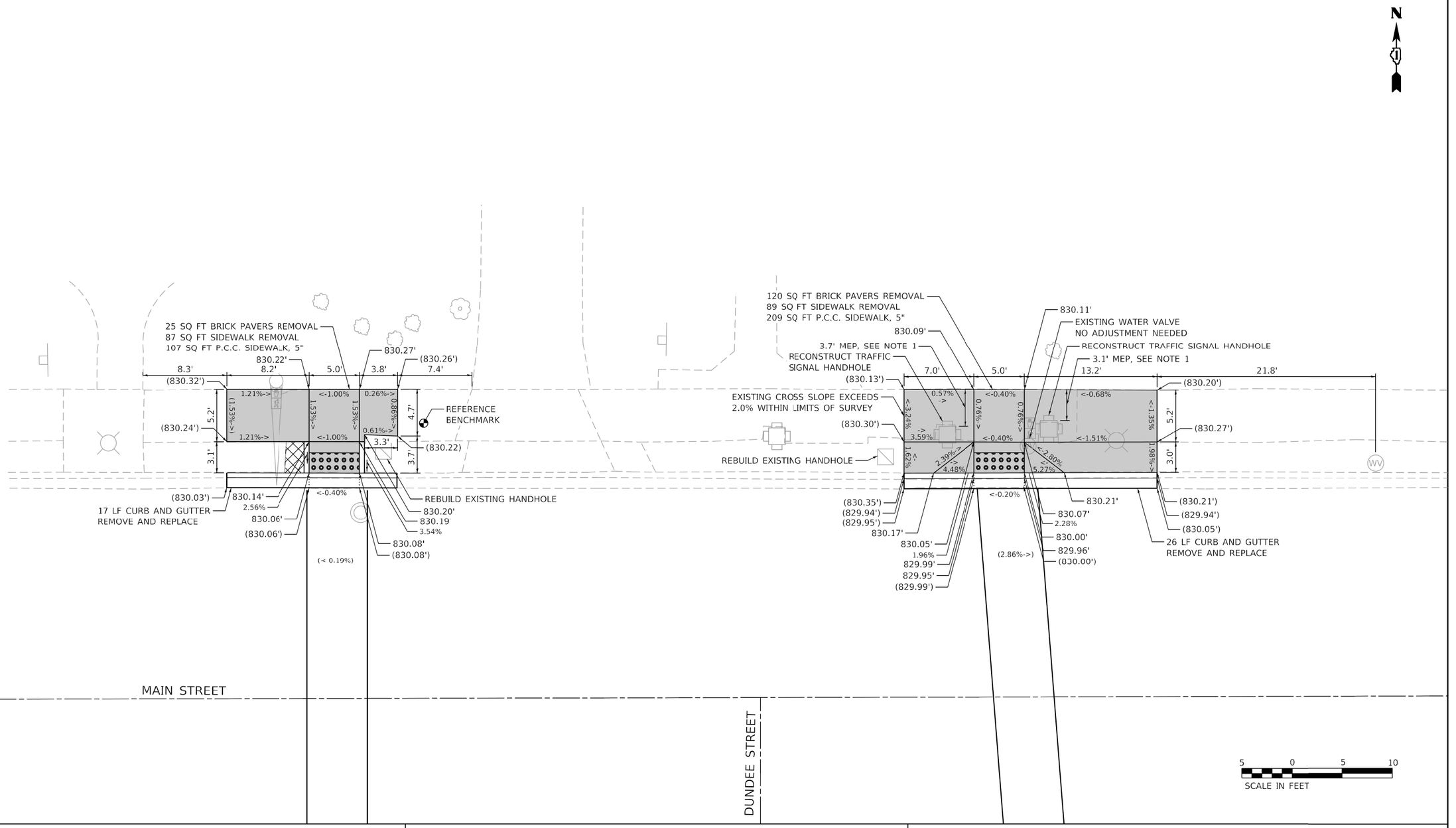
ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 830.252

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : NW CORNER OF MAIN STREET AND DUNDEE STREET
AT LOCATION SHOWN ABOVE

LEGEND

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

NOTES:

1. CLEARANCE WIDTH IS LESS THAN THE MINIMUM WIDTH OF 4 FEET. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND DUNDEE STREET
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE	52	16
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

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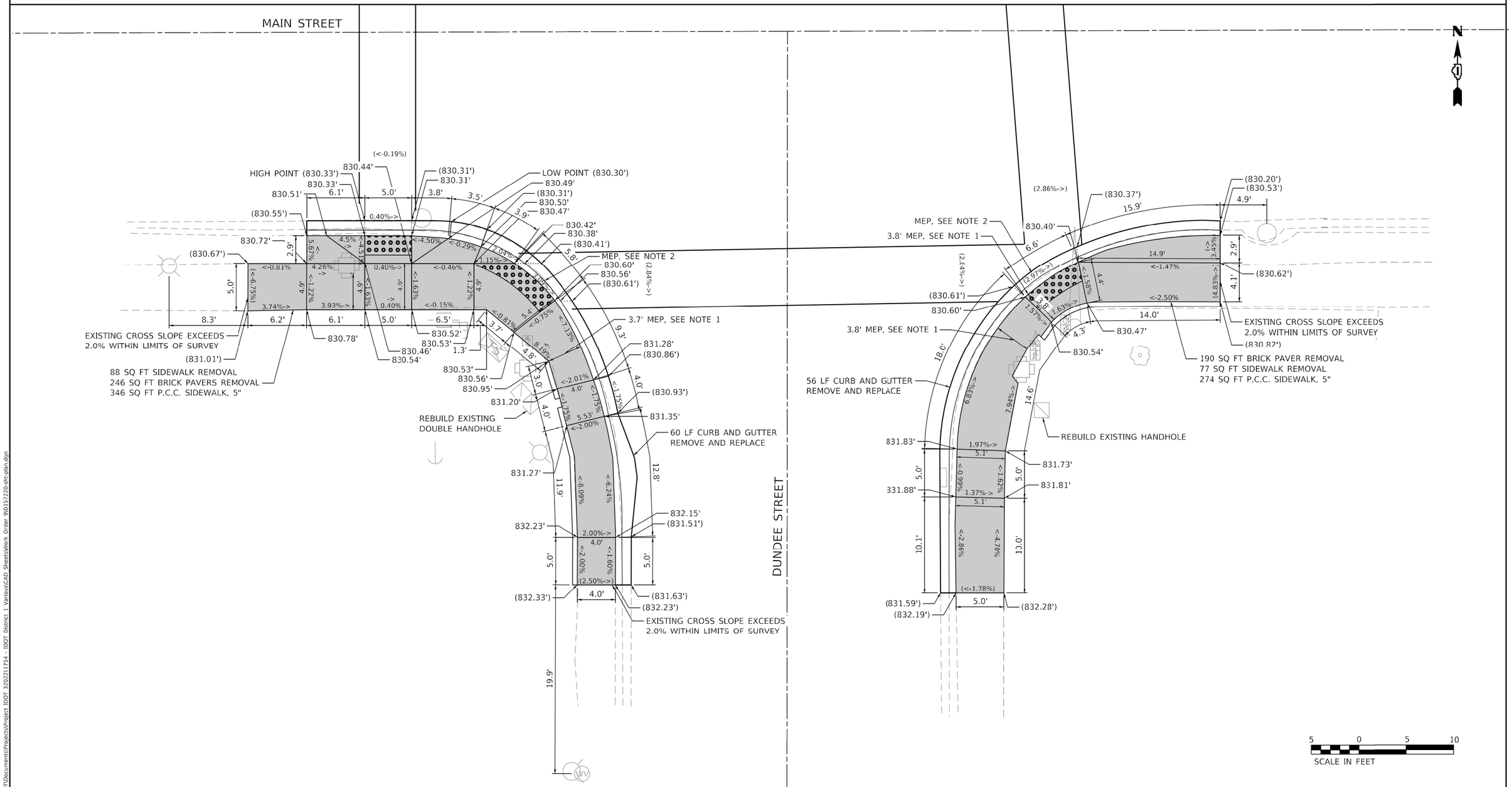
ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 830.252

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : NW CORNER OF MAIN STREET AND DUNDEE STREET

LEGEND

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

NOTES:

1. CLEARANCE WIDTH IS LESS THAN THE MINIMUM WIDTH OF 4 FEET. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).
2. EXISTING SLOPE IS GREATER THAN 2% MAXIMUM ALLLOWED. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND DUNDEE STREET
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK	52	17
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

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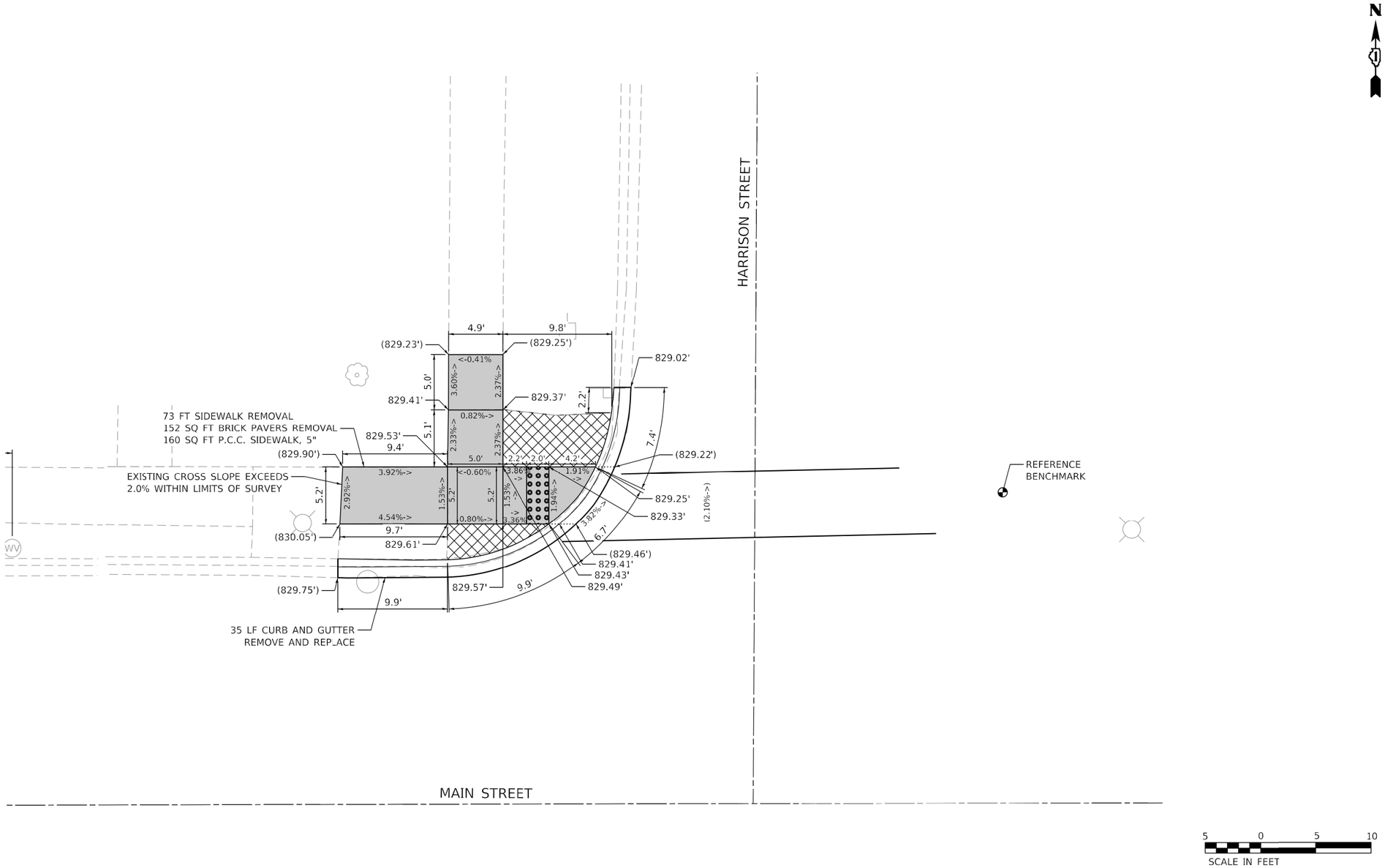
ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 829.759

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : NE CORNER OF MAIN STREET AND HARRISON STREET
AT LOCATION SHOWN ABOVE

LEGEND

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

NOTES:

1. EXISTING CROSSWALK CROSS SLOPE EXCEEDS CURRENT POLICY.

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND HARRISON STREET
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE	52	18
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

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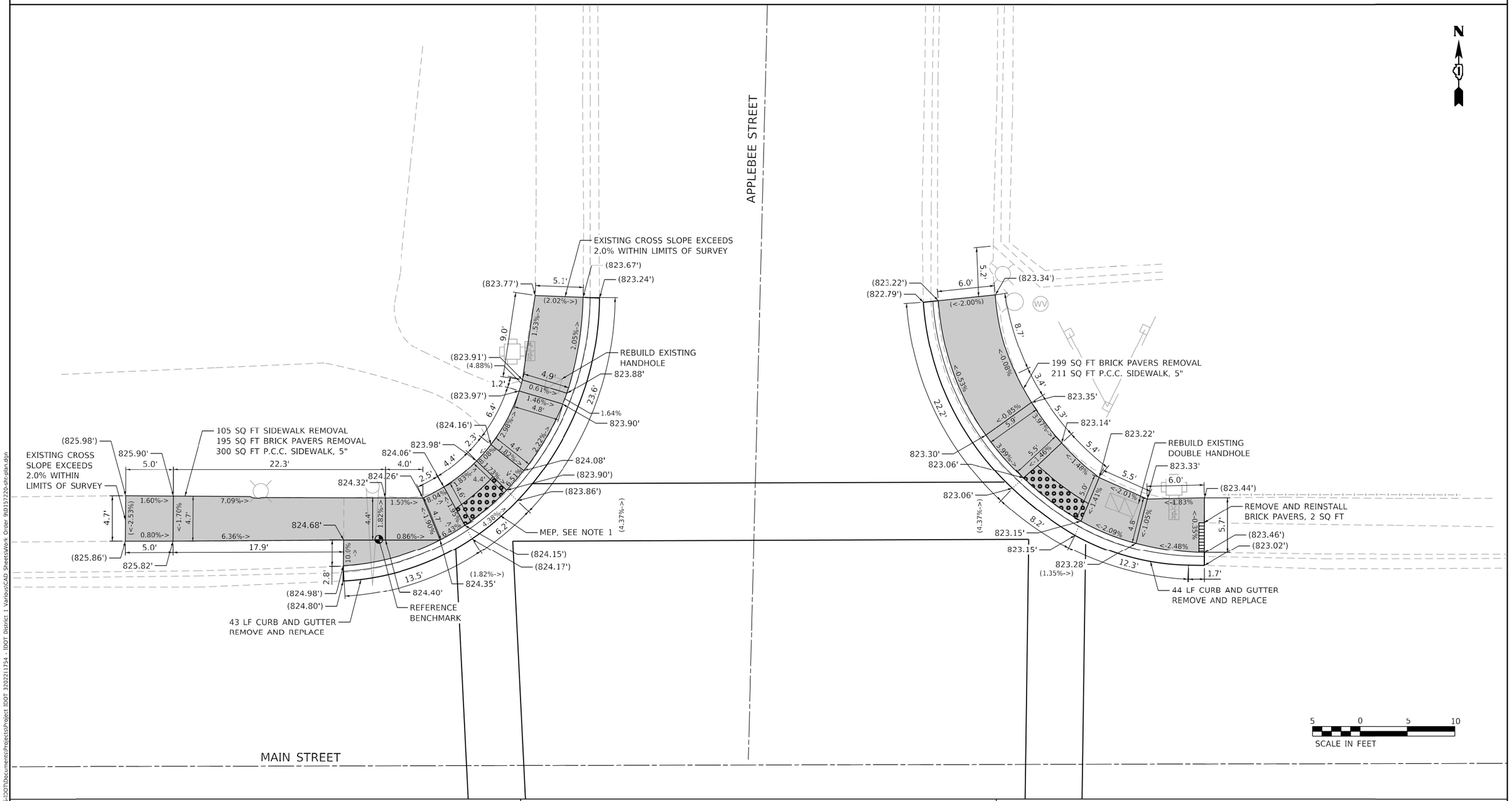
ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 825.012

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : NW CORNER OF MAIN STREET AND APPLEBEE STREET

AT LOCATION SHOWN ABOVE

LEGEND

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

NOTES:

1. EXISTING SLOPE IS GREATER THAN 2% MAXIMUM ALLLOWED. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND APPLEBEE STREET
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE	52	19
		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		

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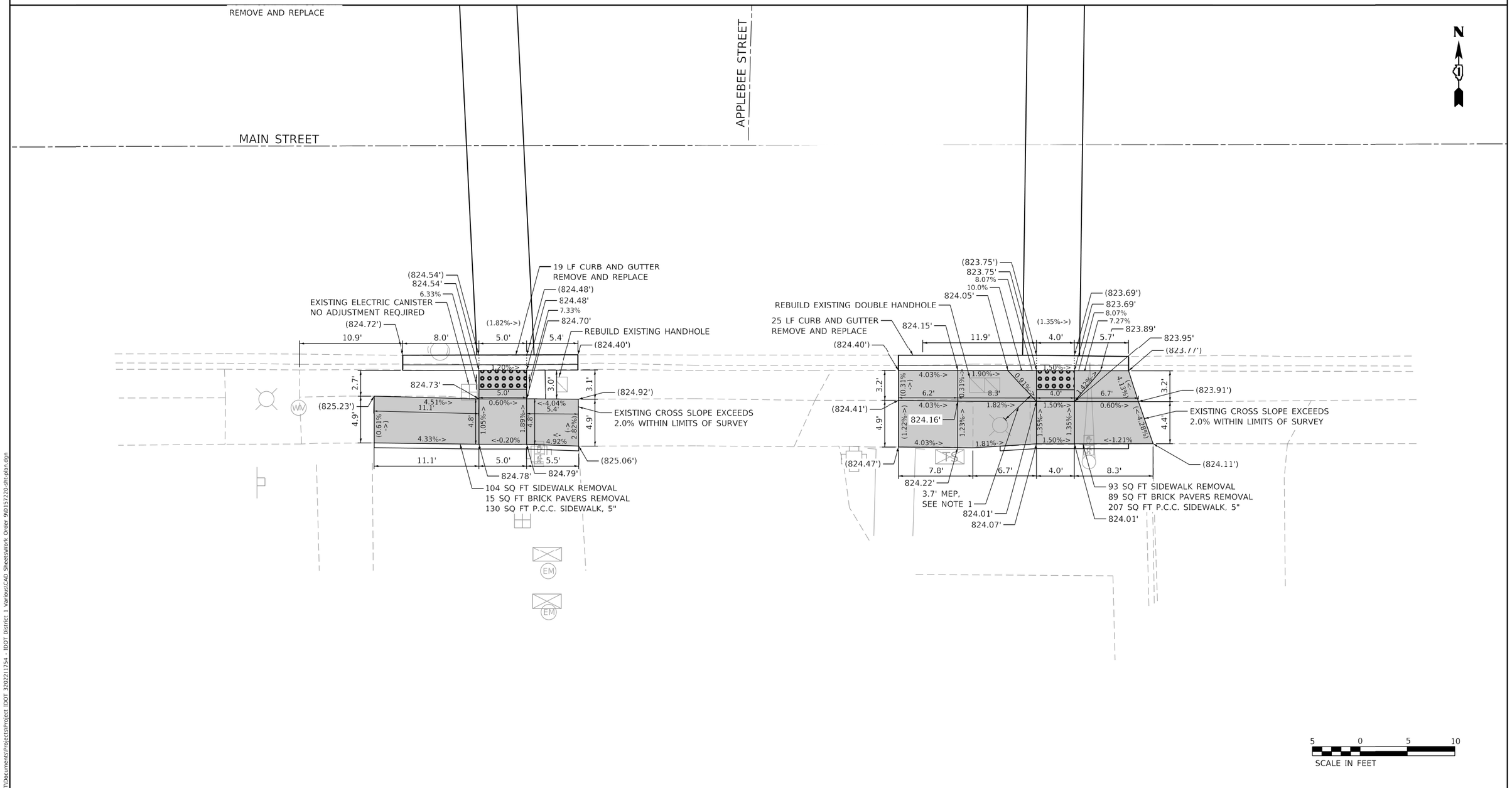
ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 825.012

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : NE CORNER OF MAIN STREET AND APPLEBEE STREET

LEGEND

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

NOTES:

1. CLEARANCE WIDTH IS LESS THAN THE MINIMUM WIDTH OF 4 FEET. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

USER NAME = sjohnson	DESIGNED - JMM	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -	
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND APPLEBEE STREET
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK	52	20
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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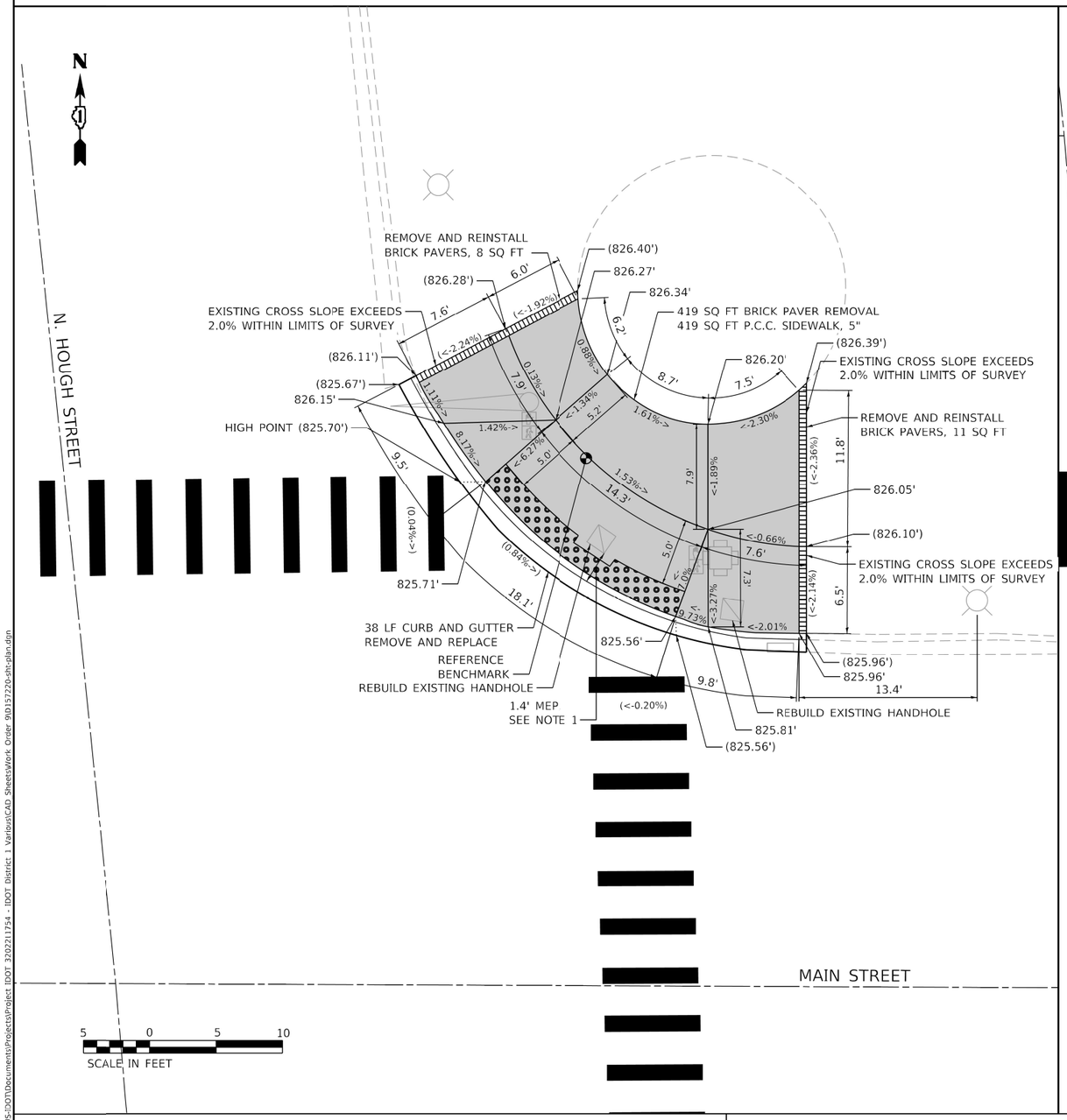
ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 826.117

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : NE CORNER OF MAIN STREET AND HOUGH STREET
AT LOCATION SHOWN ABOVE

LEGEND

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

NOTES:

1. DETECTABLE WARNING WIDTH IS LESS THAN THE MINIMUM OF 2 FEET. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).
2. EXISTING SLOPE IS GREATER THAN 2% MAXIMUM ALLLOWED. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / In.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND N. HOUGH STREET
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	21
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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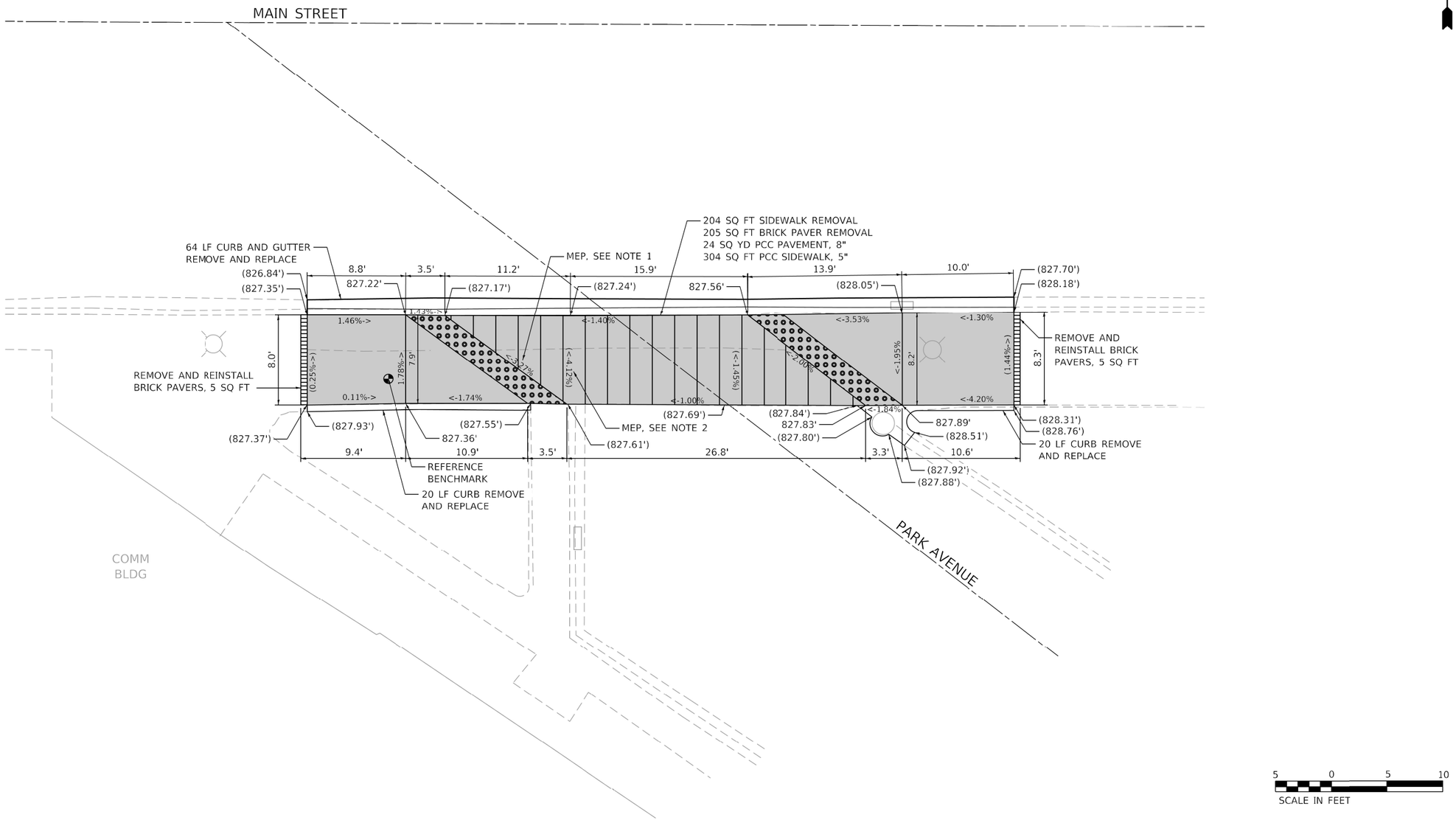
ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 827.483

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : SW CORNER OF MAIN STREET AND PARK AVENUE
AT LOCATION SHOWN ABOVE

LEGEND

XX.X'	EXISTING LENGTH
═══	PROPOSED SIDE CURB
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	PCC PAVEMENT, 8"
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

NOTES:

1. EXISTING SLOPE IS GREATER THAN 2% MAXIMUM ALLLOWED.
   SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).
2. EXISTING CROSSWALK CROSS SLOPE EXCEEDS CURRENT POLICY.

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND PARK AVENUE
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK	52	22
		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
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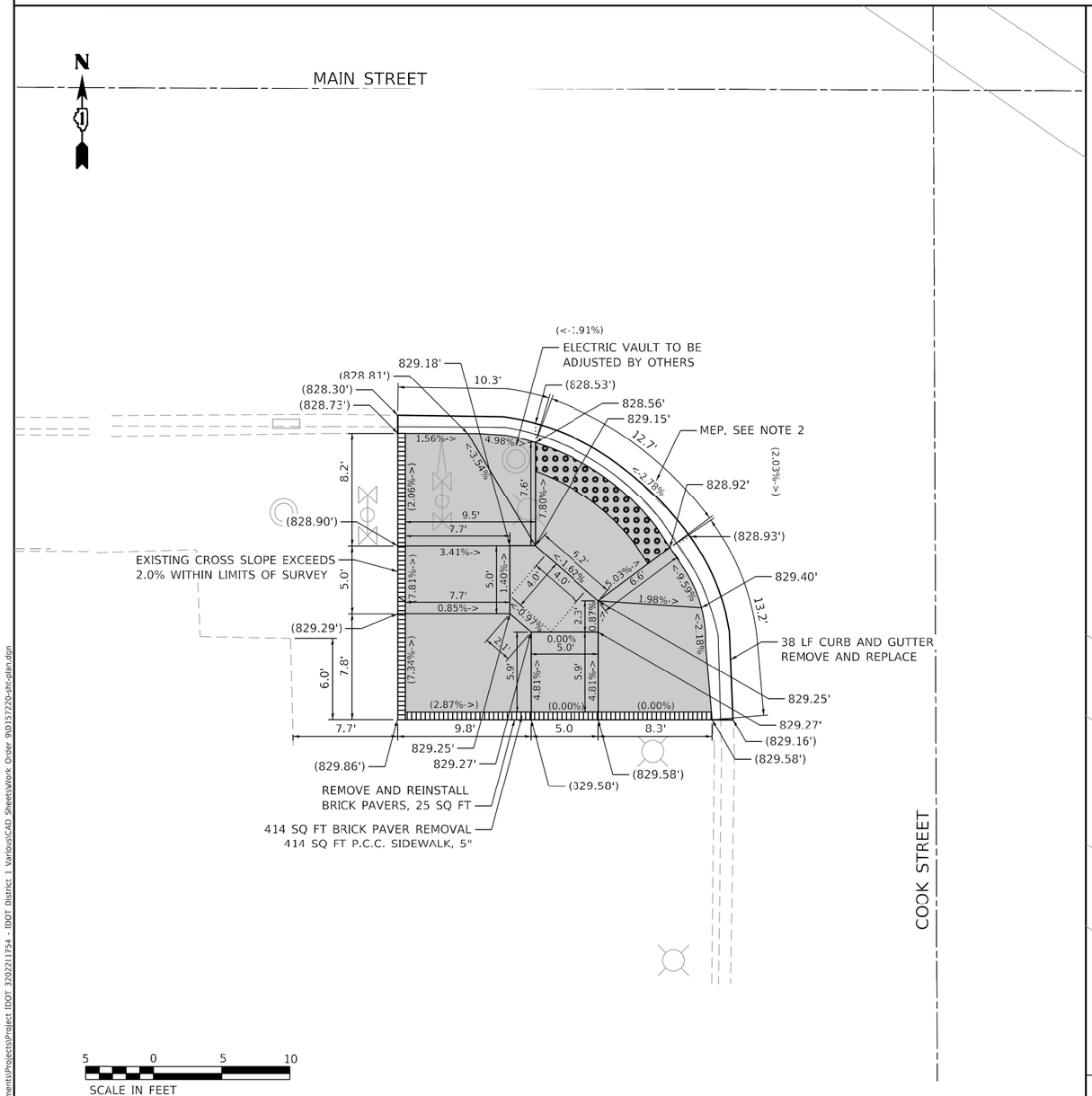
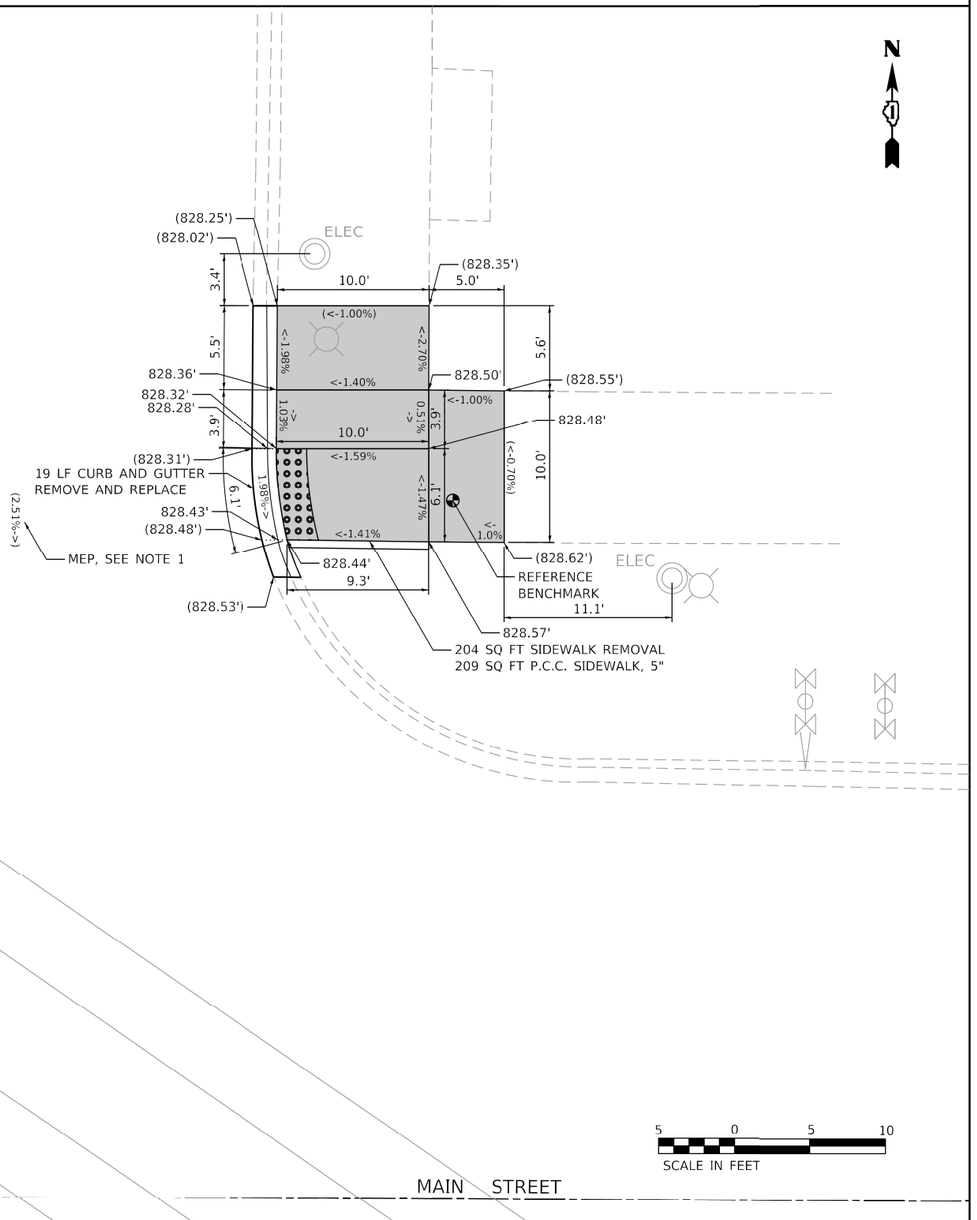
ADA DETAILS FOR PHASE 2 PROJECTS





REFERENCE BENCHMARK : ELEV. 828.579

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : NE CORNER OF MAIN STREET AND COOK STREET

AT LOCATION SHOWN ABOVE

LEGEND

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

NOTES:

1. EXISTING CROSSWALK CROSS SLOPE EXCEEDS CURRENT POLICY.
2. EXISTING SLOPE IS GREATER THAN 2% MAXIMUM ALLLOWED. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND COOK STREET
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	23
		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
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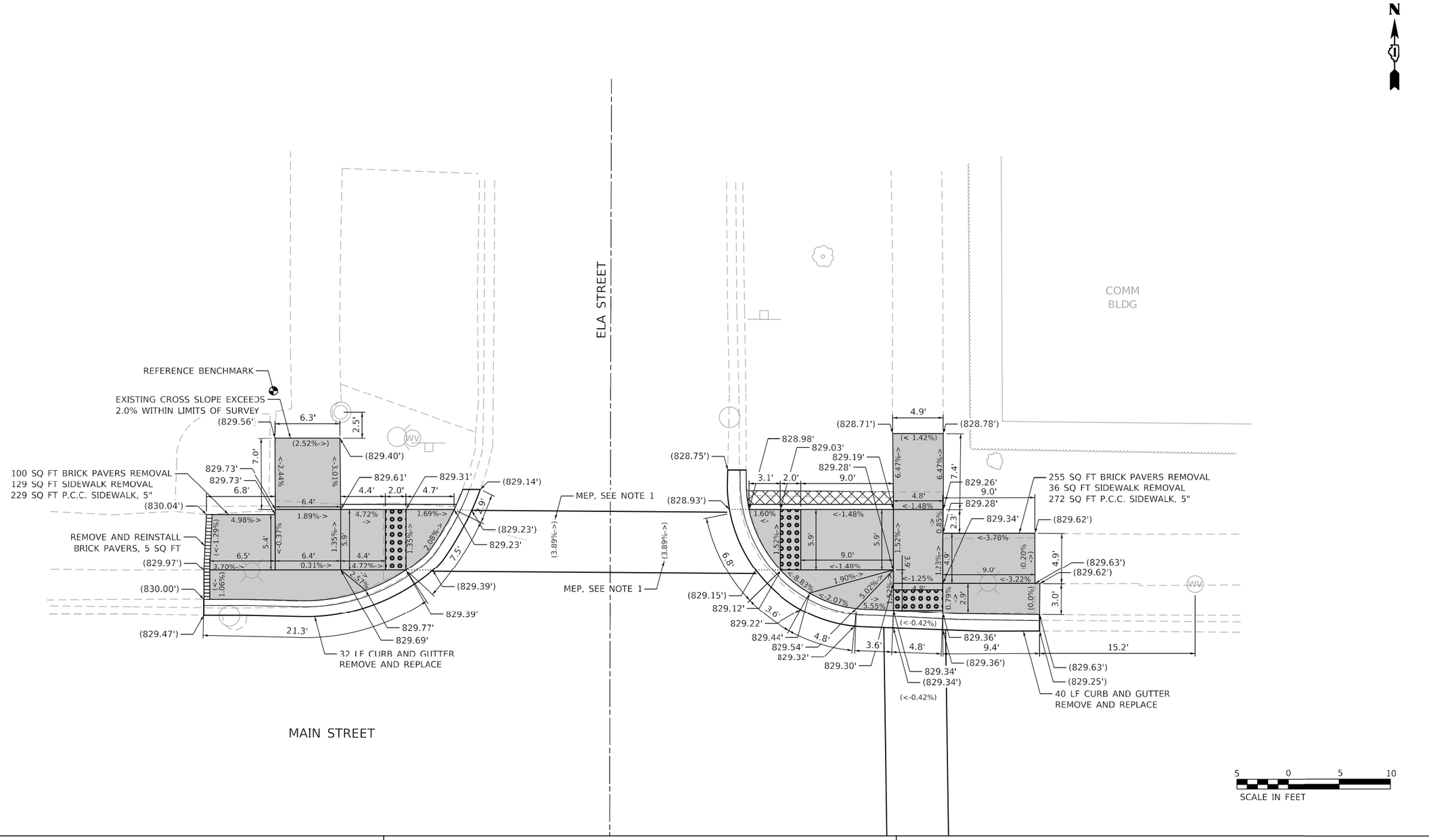
ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 829.336

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : NW CORNER OF MAIN STREET AND ELA STREET
AT LOCATION SHOWN ABOVE

LEGEND

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

NOTES:

1. EXISTING CROSSWALK CROSS SLOPE EXCEEDS CURRENT POLICY.

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND ELA STREET
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE	52	24
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

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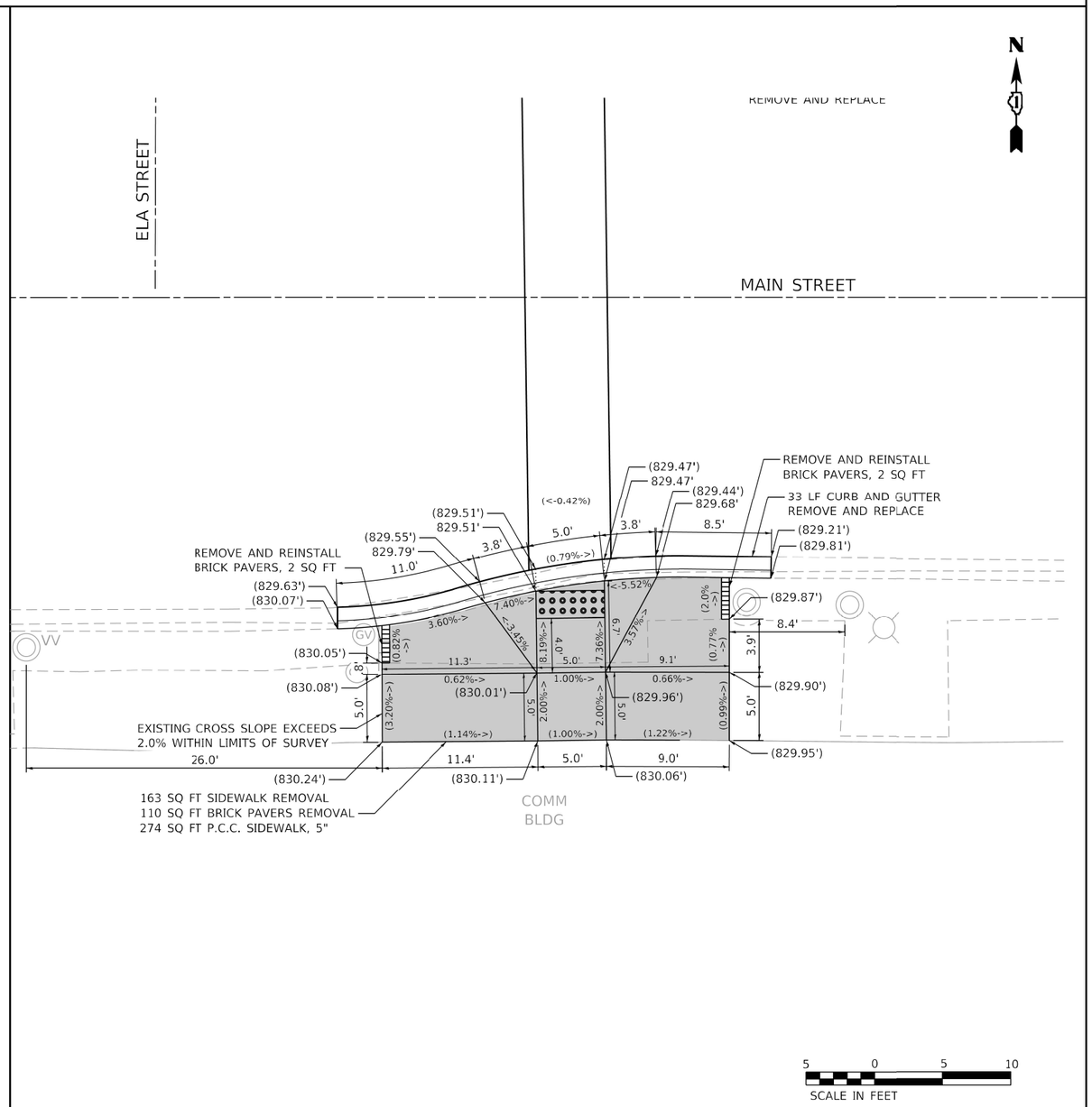
ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 829.336

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : NW CORNER OF MAIN STREET AND ELA STREET

LEGEND

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

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / In.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND ELA STREET
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK	52	25
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

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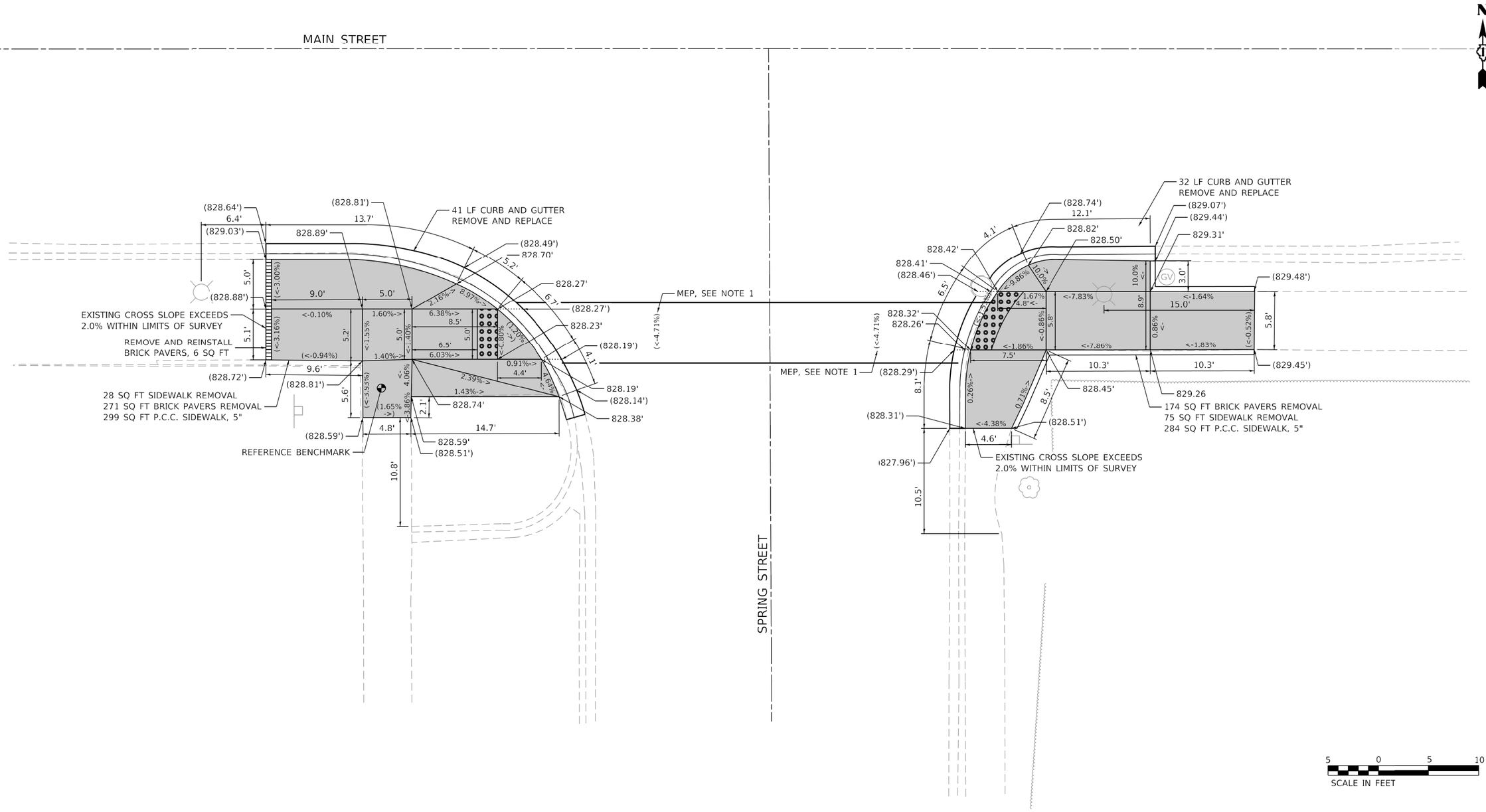
ADA DETAILS FOR PHASE 2 PROJECTS



REFERENCE BENCHMARK : ELEV. 828.705

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : SW CORNER OF MAIN STREET AND SPRING STREET
AT LOCATION SHOWN ABOVE

LEGEND

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

NOTES:

1. EXISTING CROSSWALK CROSS SLOPE EXCEEDS CURRENT POLICY.

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND SPRING STREET
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK	52	26
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

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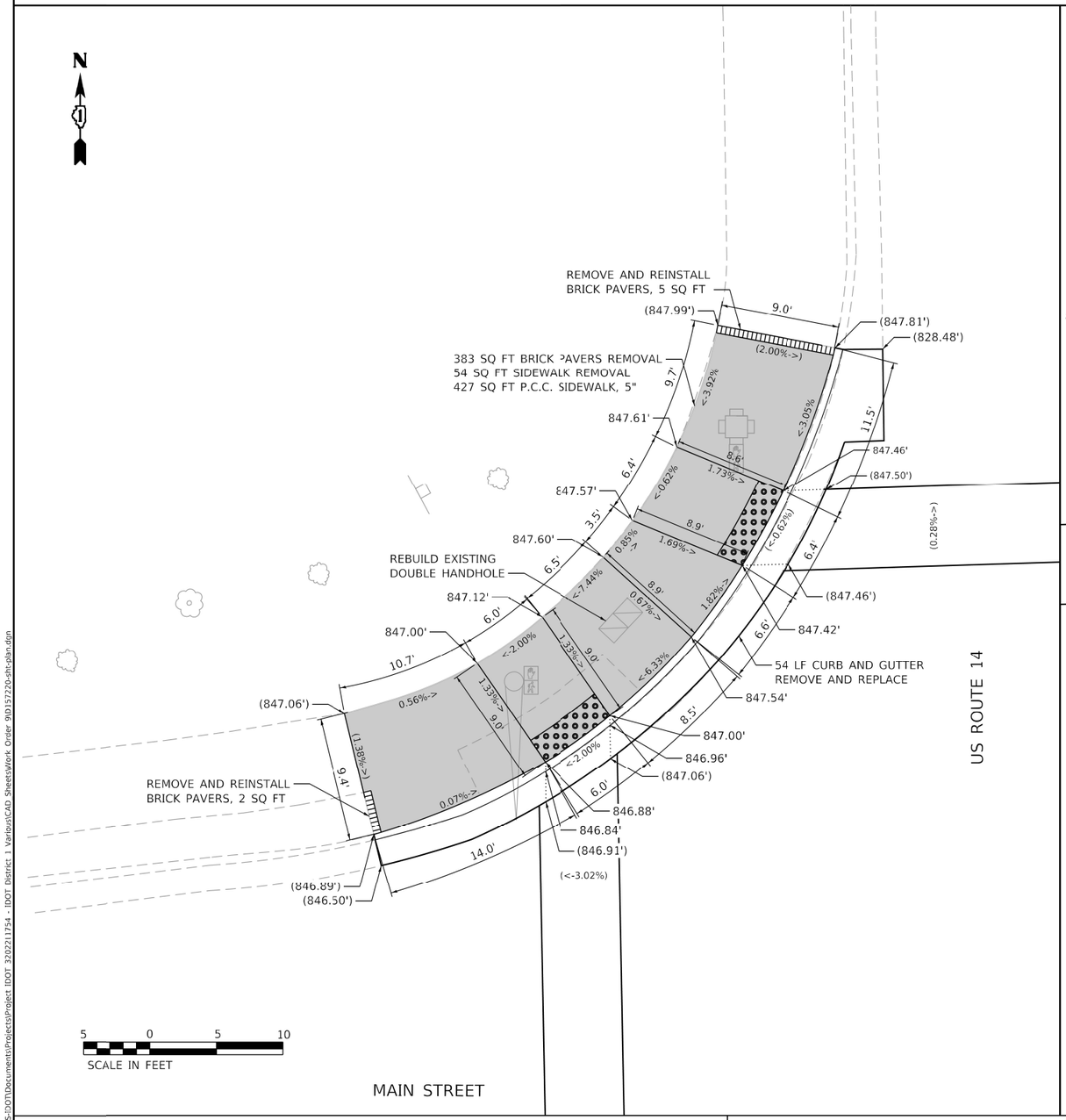
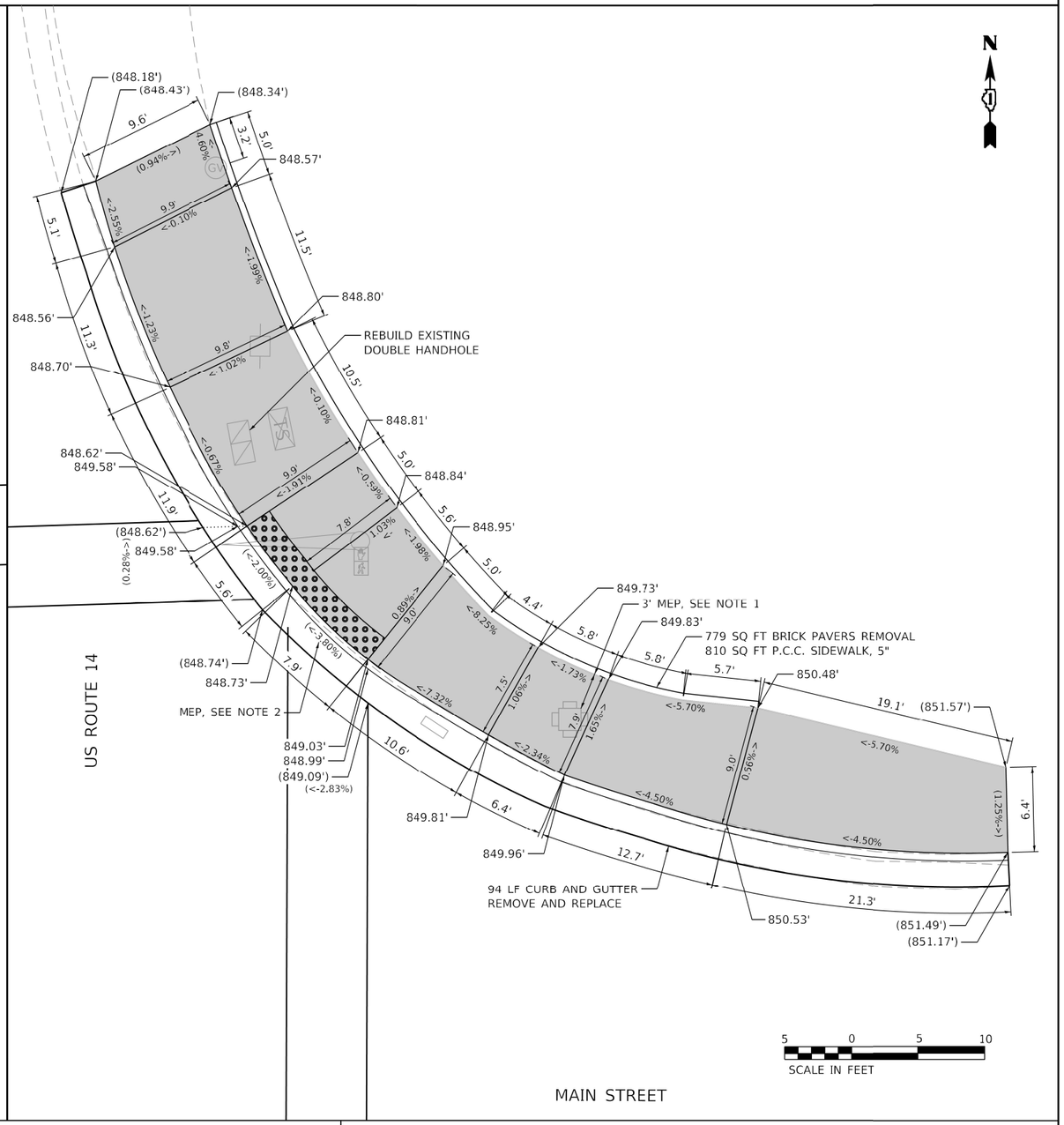
ADA DETAILS FOR PHASE 2 PROJECTS





REFERENCE BENCHMARK : ELEV. 849.249

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : SE CORNER OF MAIN STREET AND US ROUTE 14

LEGEND

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

NOTES:

1. CLEARANCE WIDTH IS LESS THAN THE MINIMUM WIDTH OF 4 FEET. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).
2. EXISTING SLOPE IS GREATER THAN 2% MAXIMUM ALLLOWED. SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND US ROUTE 14 (NORTHWEST HIGHWAY)
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE	52	27
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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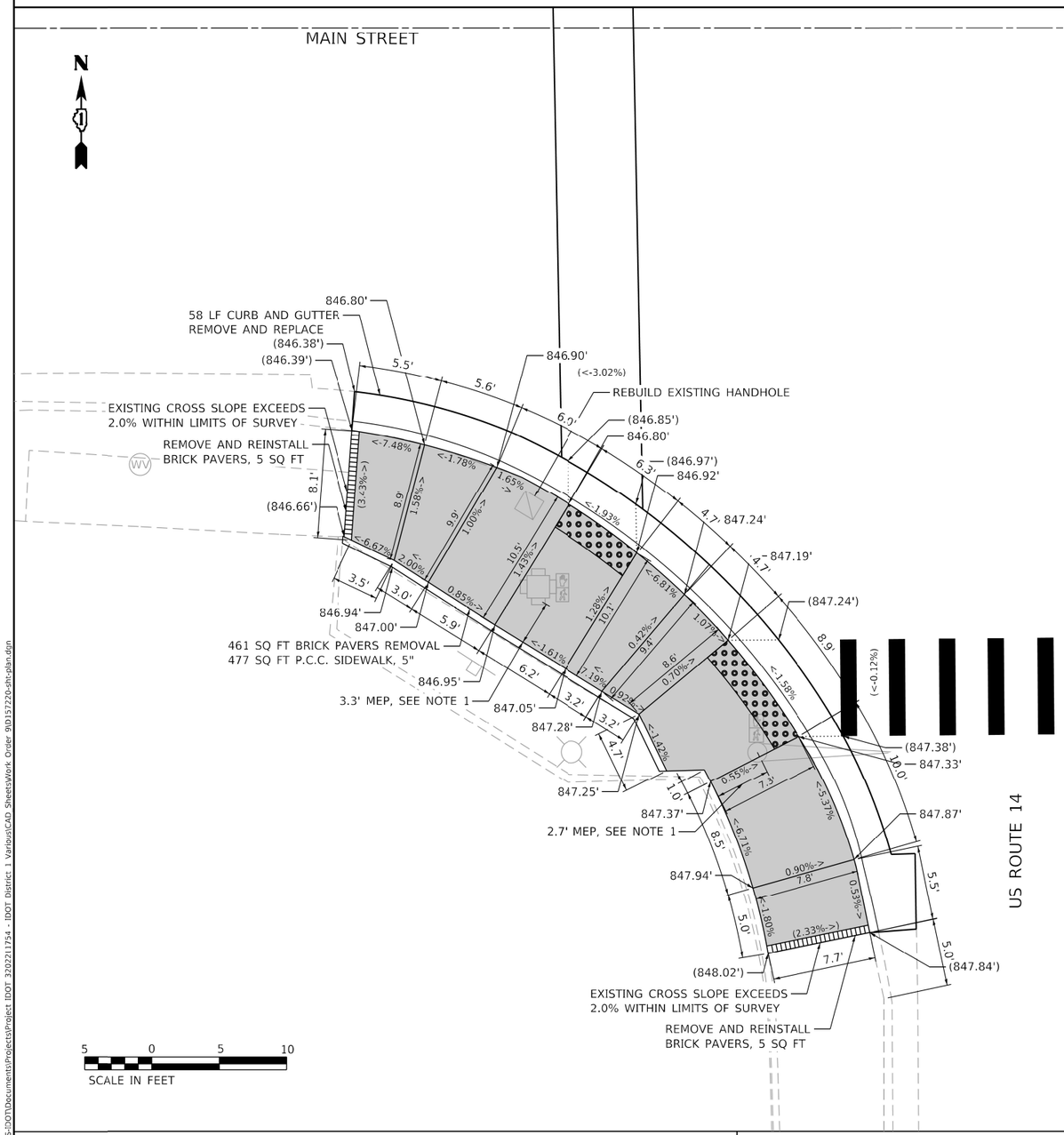
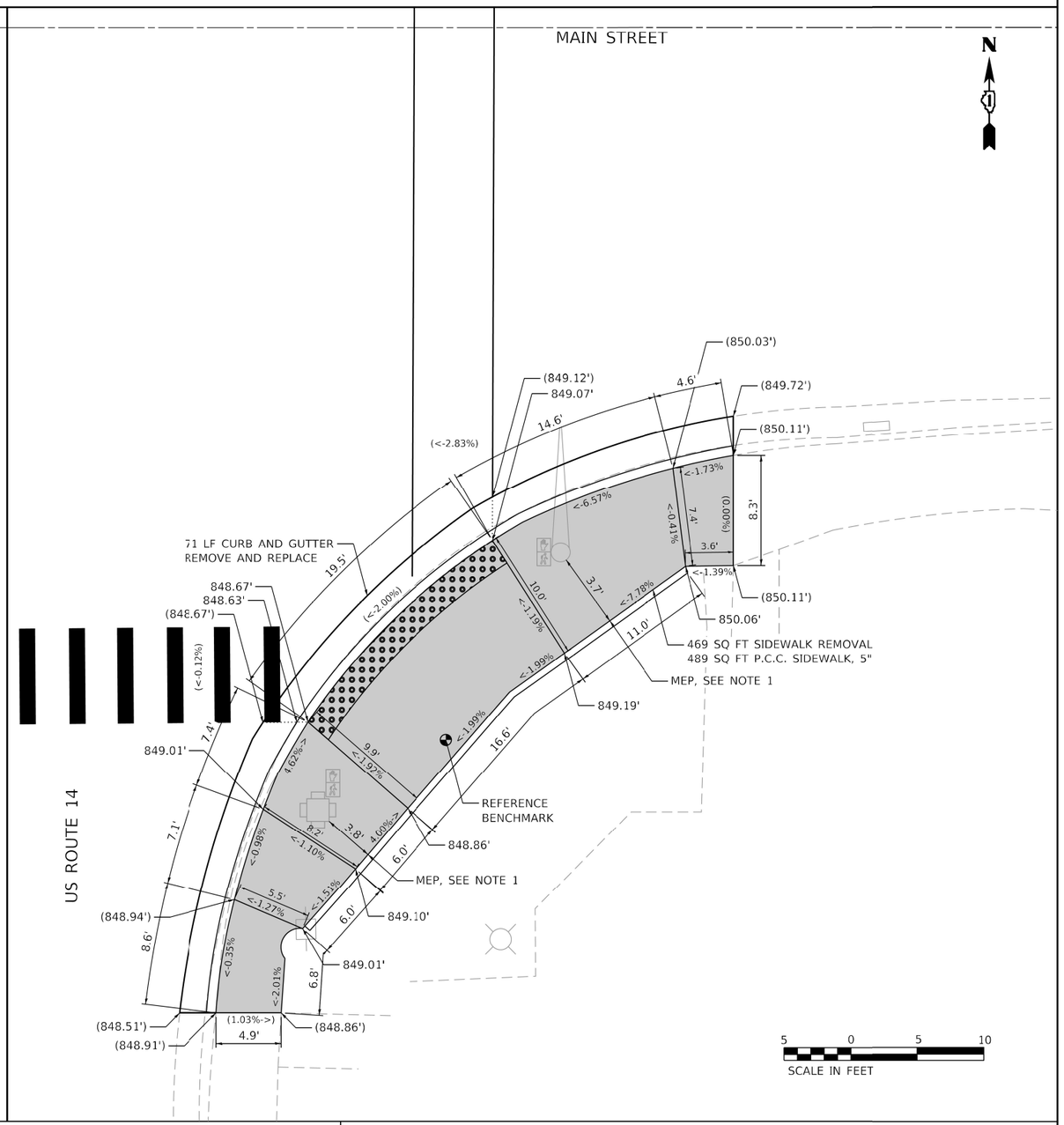
ADA DETAILS FOR PHASE 2 PROJECTS





REFERENCE BENCHMARK : ELEV. 849.249

BENCHMARK : CONTROL POINT CROSS CUT ON WALK

LOCATION : SE CORNER OF MAIN STREET AND US ROUTE 14
AT LOCATION SHOWN ABOVE

LEGEND

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

NOTES:

1. CLEARANCE WIDTH IS LESS THAN THE MINIMUM WIDTH OF 4 FEET.
   SIDEWALK IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

USER NAME = sjohnson	DESIGNED - JMM	REVISED -
	DRAWN - SVJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/08/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET AND US ROUTE 14 (NORTHWEST HIGHWAY)
ADA RAMP IMPROVEMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK	52	28
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

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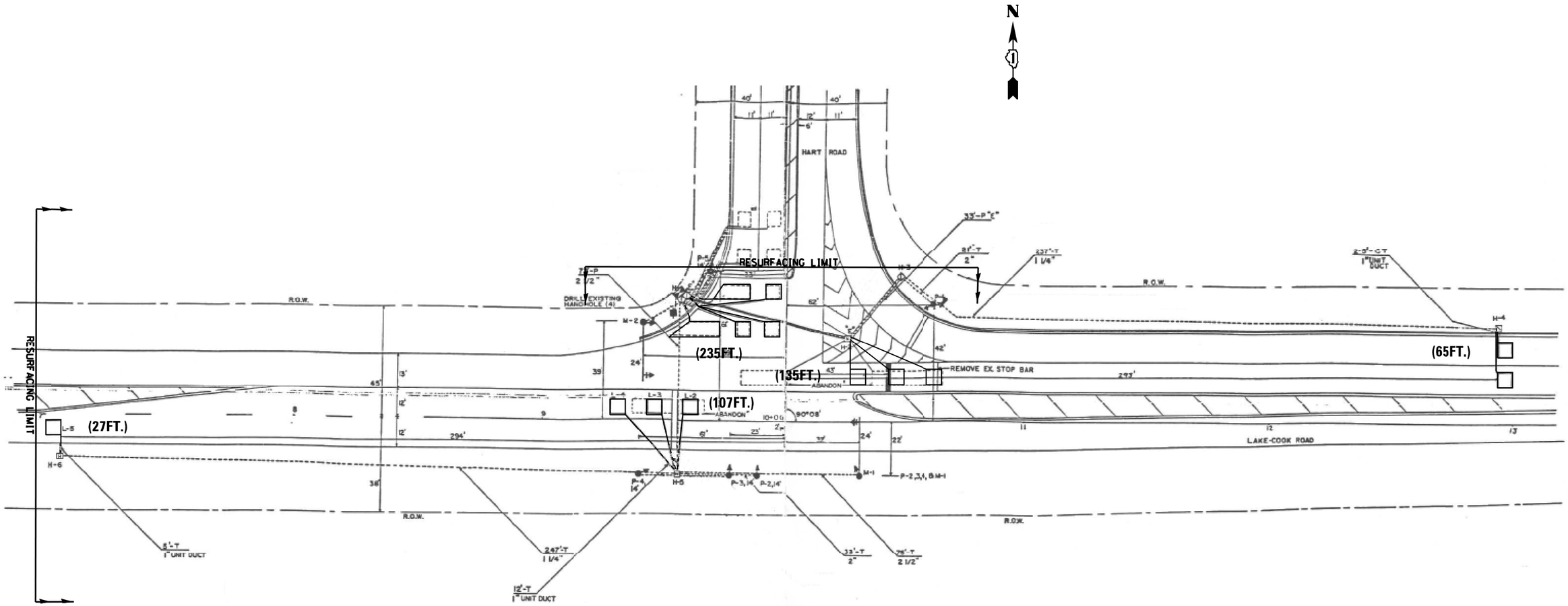


REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	569	FOOT

TS#7185

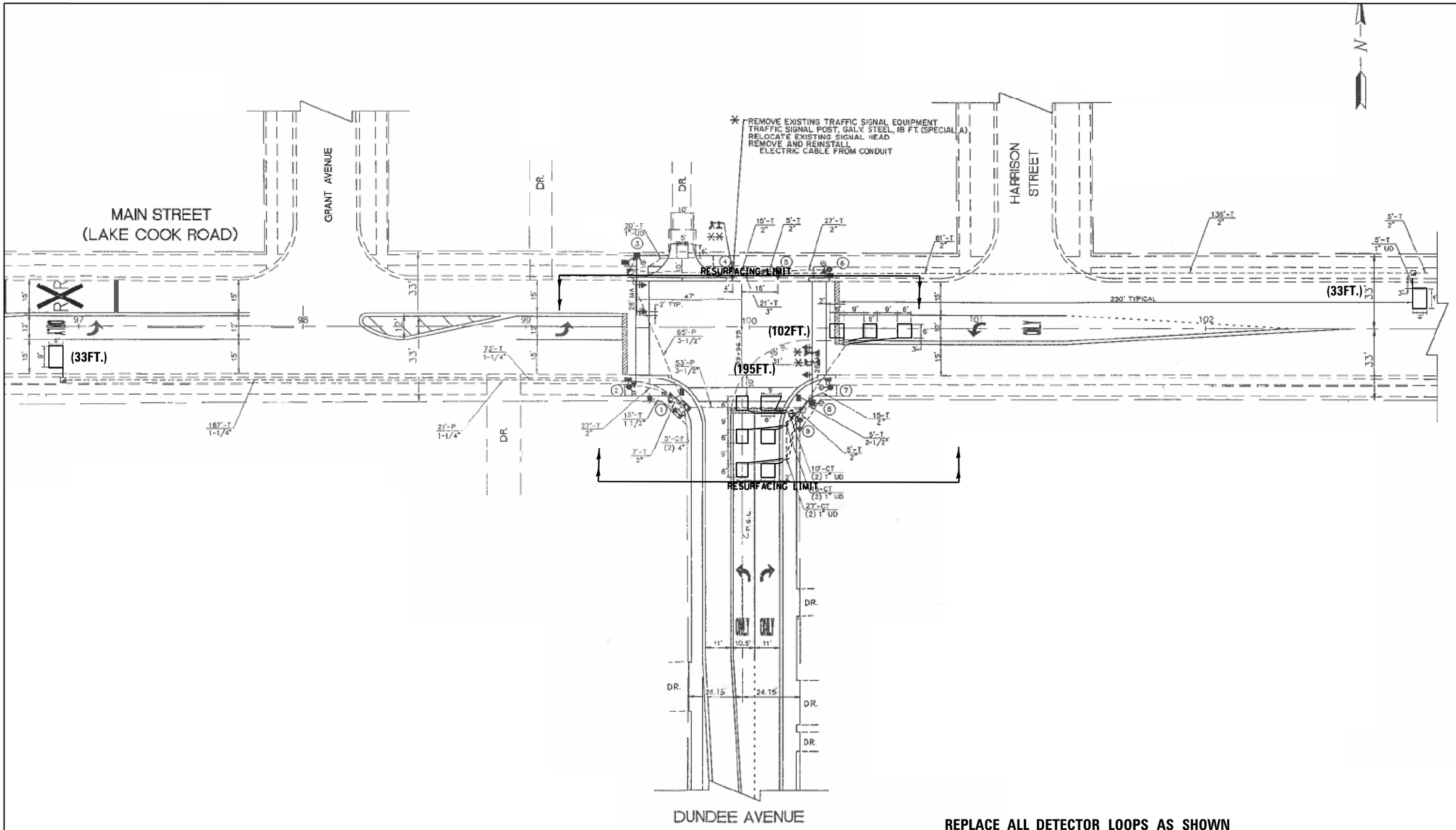
FILE NAME = P:\Detector Loops\2021\62M47 Main St-Cook & Lake\CADD\ITS*7185 County Line Rd. & Hart Rd.dgn	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	
		DRAWN - Gonzalo Meza	REVISED -	
	PLOT SCALE = 40.0000 ' / in.	CHECKED - Steven M. Nguyen	REVISED -	
Default	PLOT DATE = 3/16/2021	DATE - 03/16/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
MAIN ST. AT HART RD.

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	29
		CONTRACT NO. 62M47		
	ILLINOIS FED. AID PROJECT			



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

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	363	FOOT

TS#21845

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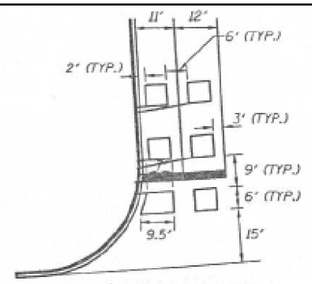
	PLOT SCALE = 40.0000 ' / in.	DRAWN - Gonzalo Meza	REVISED -
	PLOT DATE = 3/19/2021	CHECKED - Steven M. Nguyen	REVISED -
		DATE - 03/16/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

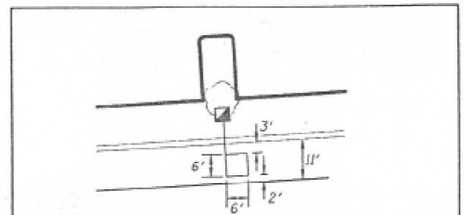
DETECTOR LOOP REPLACEMENT PLAN
MAIN ST. AT S. DUNDEE AVE.

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	30
		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		



UPTIGHT LOOP DETECTOR DETAIL
(NORTH APPROACH)

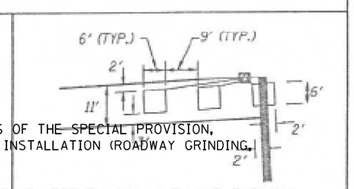


FAR OUT LOOP DETECTOR DETAIL
(EAST APPROACH)
LOOP IS PLACED 250' FROM THE STOP BAR

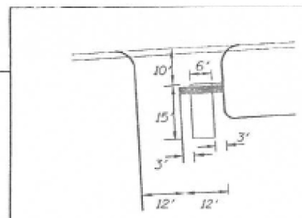
NOTES:

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.



LEFT TURN LOOP DETECTOR DETAIL
(WEST APPROACH)



UPTIGHT LOOP DETECTOR DETAIL
(SOUTH APPROACH)

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	352	FOOT

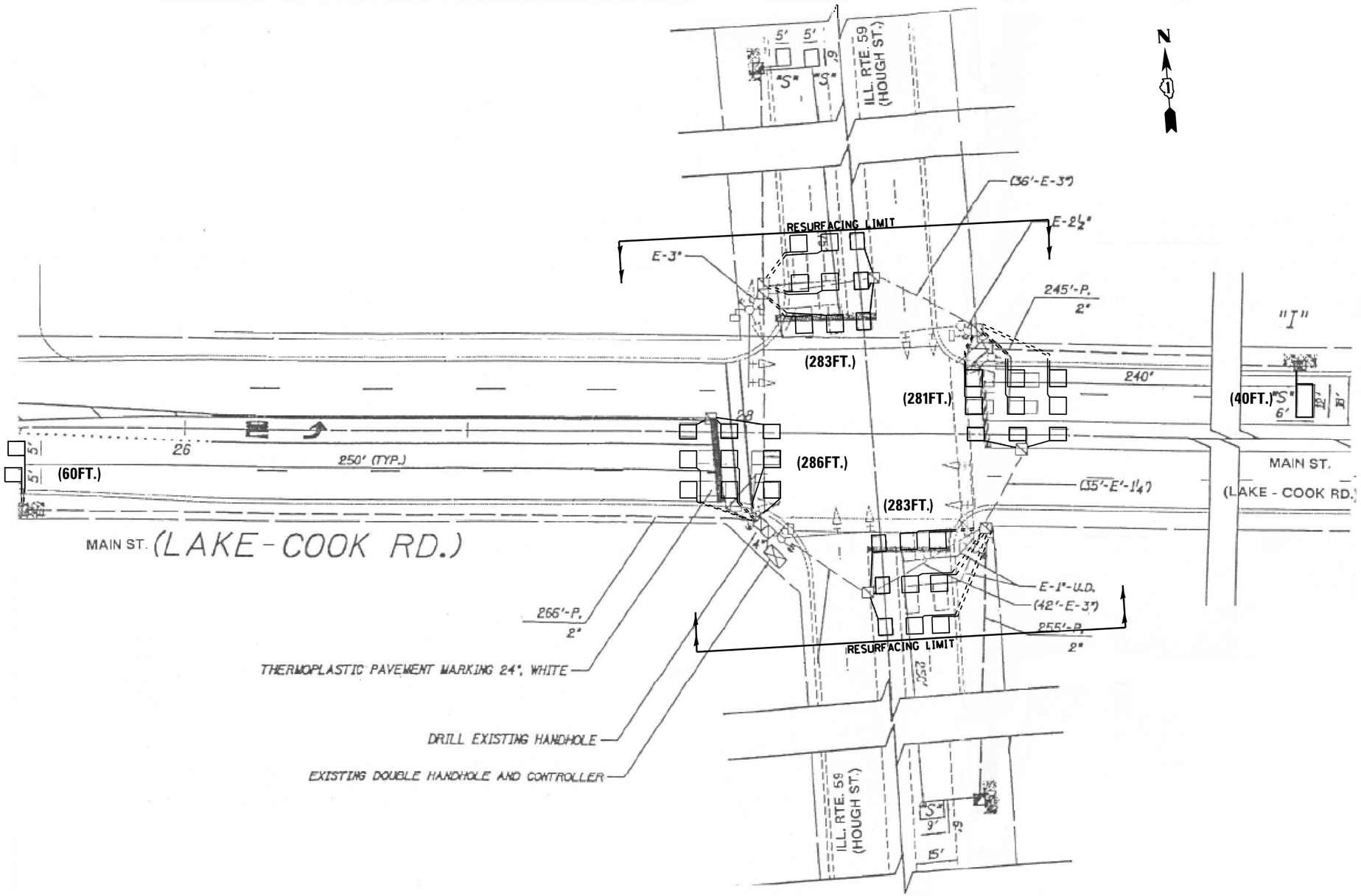
TS#11282

FILE NAME = P:\Detector Loops\2021\62M47 Main St-Cook & Lake\CADD\3TS*11282 County Line Rd, @ Rand Rd.dgn Default	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	PLOT SCALE = 40.0000 ' / in.	DRAWN - Gonzalo Meza	REVISED -	
	PLOT DATE = 3/16/2021	CHECKED - Steven M. Nguyen	REVISED -	
		DATE - 03/16/2021	REVISED -	

DETECTOR LOOP REPLACEMENT PLAN
MAIN ST. AT APPLEBEE STREET

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	31
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	



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

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.

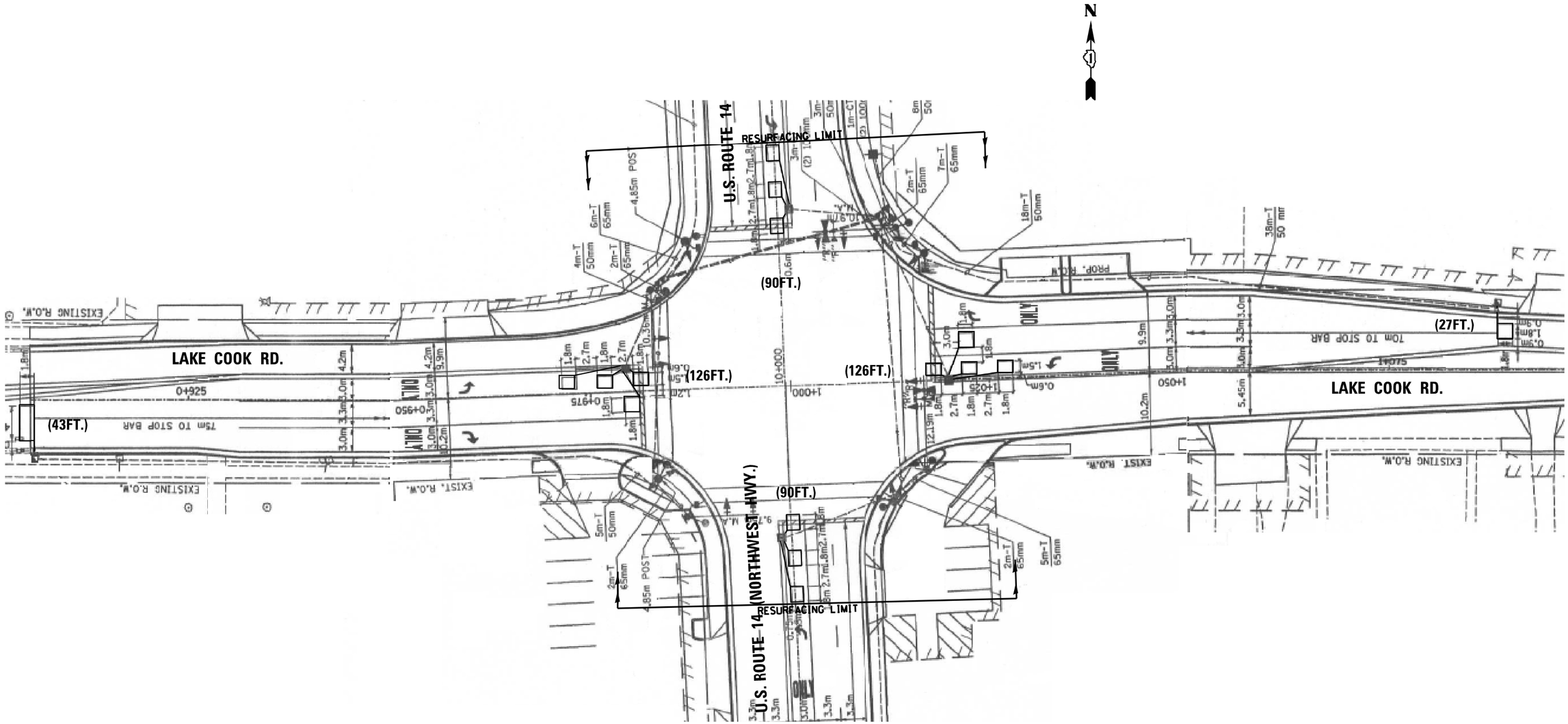
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	1233	FOOT

TS#11280

FILE NAME = P:\Detector Loops\2021\62M47 Main St-Cook & Lake\CADD\4TS*11280 County Line Rd, @ IL RTE 59.dgn	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN MAIN ST. AT IL59 (HOUGH ST.)
	PLOT SCALE = 40.0000 ' / in.	DRAWN - Gonzalo Meza	REVISED -		
Default	PLOT DATE = 3/23/2021	CHECKED - Steven M. Nguyen	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.
		DATE - 03/16/2021	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	32
		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		



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

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.

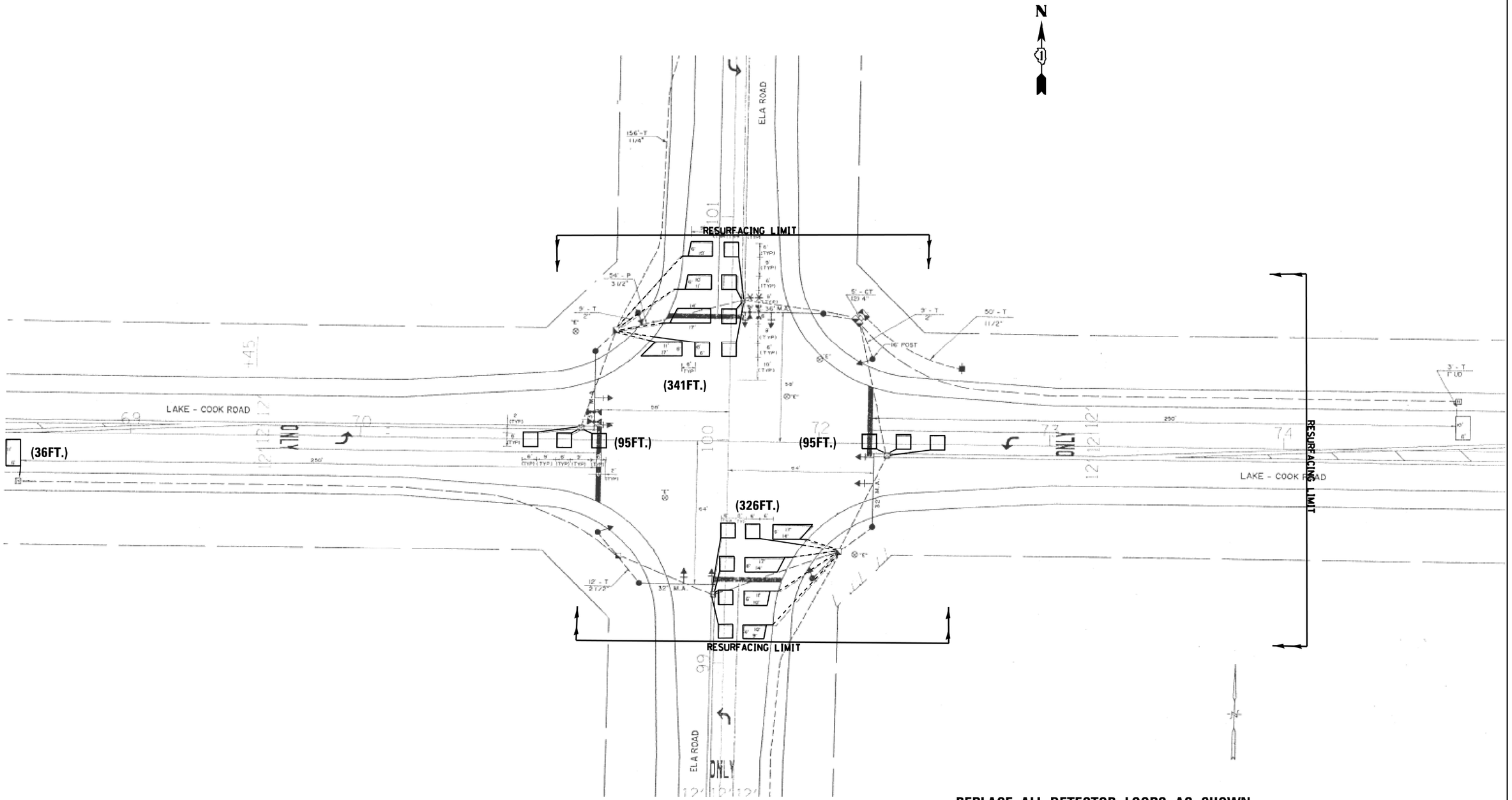
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	502	FOOT

TS#1245

FILE NAME = P:\Detector Loops\2021\62M47 Main St-Cook & Lake\CADD\STS#11245 County Line Rd. & Default	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	PLOT SCALE = 40.0000 ' / in.	DRAWN - Gonzalo Meza	REVISED -	DETECTOR LOOP REPLACEMENT PLAN MAIN ST. AT US14 (NORTHWEST HWY.)
	PLOT DATE = 3/19/2021	CHECKED - Steven M. Nguyen	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.
		DATE - 03/16/2021	REVISED -	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	33
		CONTRACT NO. 62M47		
	ILLINOIS FED. AID PROJECT			



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

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	893	FOOT

TS#21210

FILE NAME = P:\Detector Loops\2021\62M47 Main St-Cook & Lake\CADD\6TS*21210 County Line Rd, Default	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -
	PLOT SCALE = 40.0000 ' / in.	DRAWN - Gonzalo Meza	REVISED -
	PLOT DATE = 3/23/2021	CHECKED - Steven M. Nguyen	REVISED -
		DATE - 03/16/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

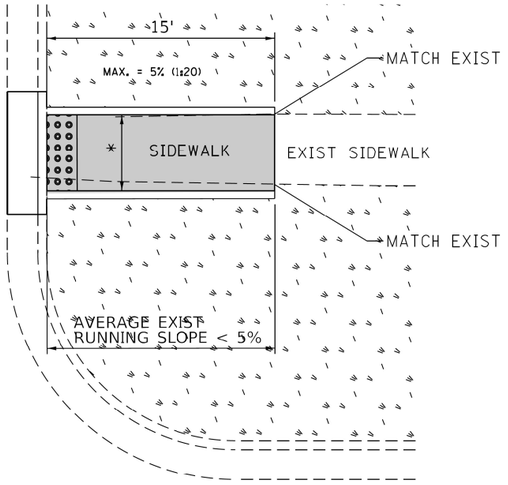
DETECTOR LOOP REPLACEMENT PLAN
MAIN ST. AT ELA RD.

SCALE: | SHEET OF SHEETS | STA. | TO STA.

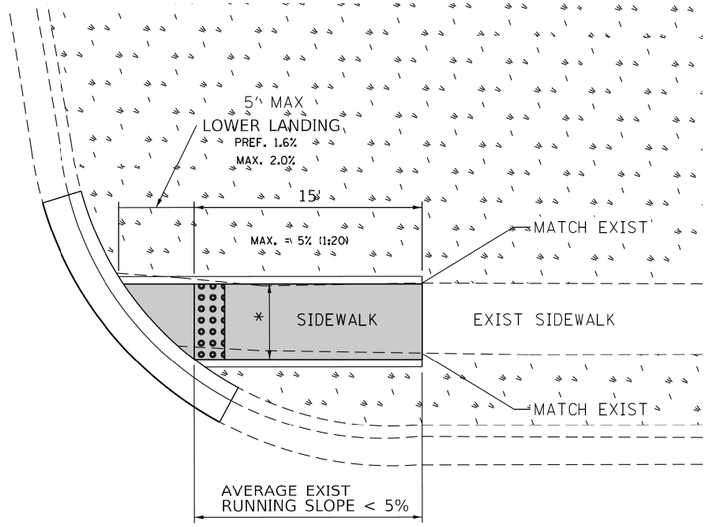
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	34
		CONTRACT NO. 62M47		
	ILLINOIS FED. AID PROJECT			

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

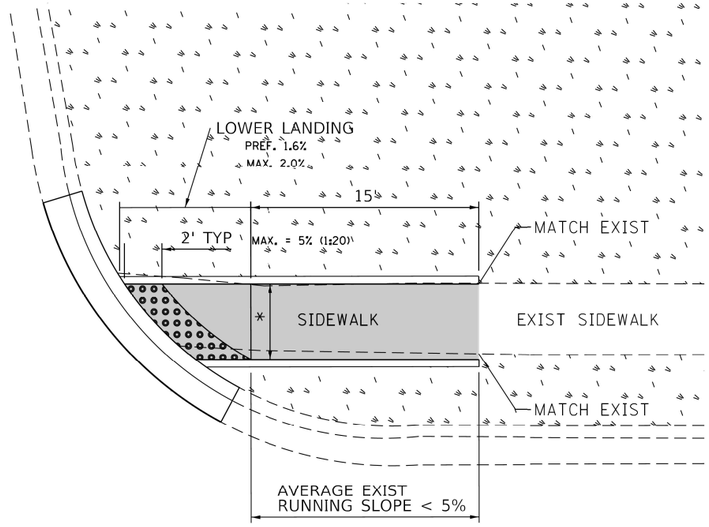
PD-01A



PD-01B



PD-01C



DESIGNER NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND

PROPOSED SIDE CURB

EXIST. GRASS

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

* MATCH EXISTING SIDEWALK WIDTH

USER NAME = elhannounyme	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 9.7883 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/17/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR SINGLE PERPINDICULAR CURB RAMPS
(PD-01)

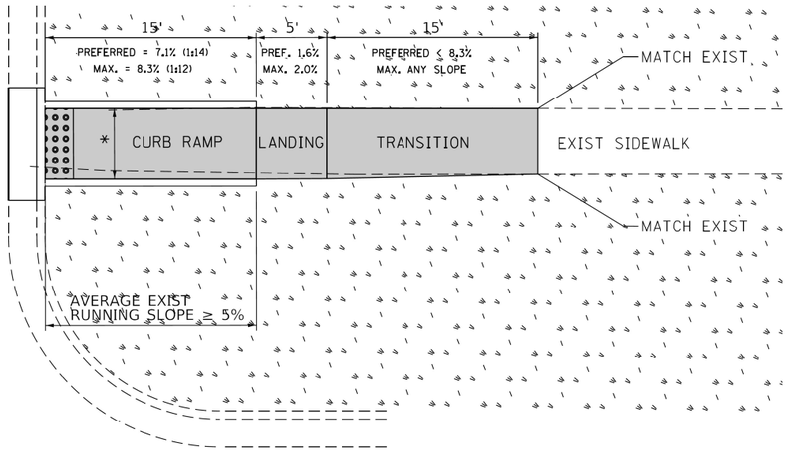
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	35
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

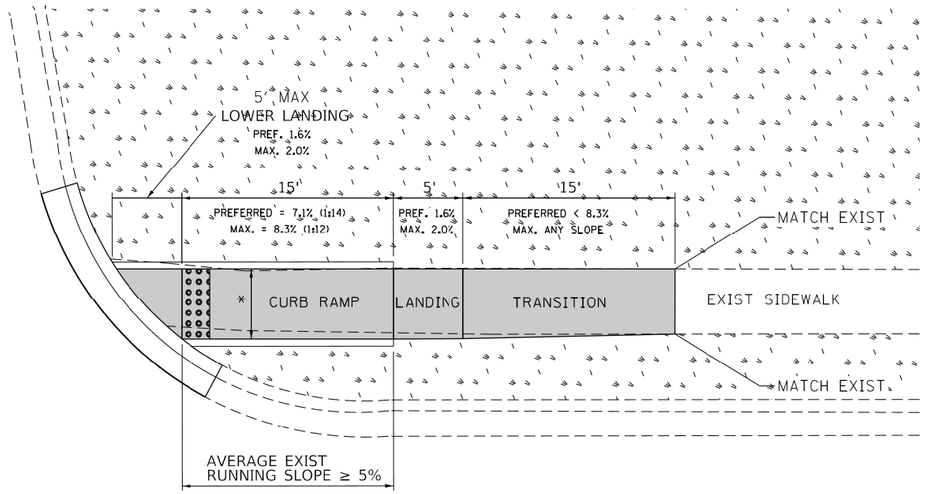
MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 1\Projects\D157220\CADData\Design\D157220-sht-screed.dgn

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

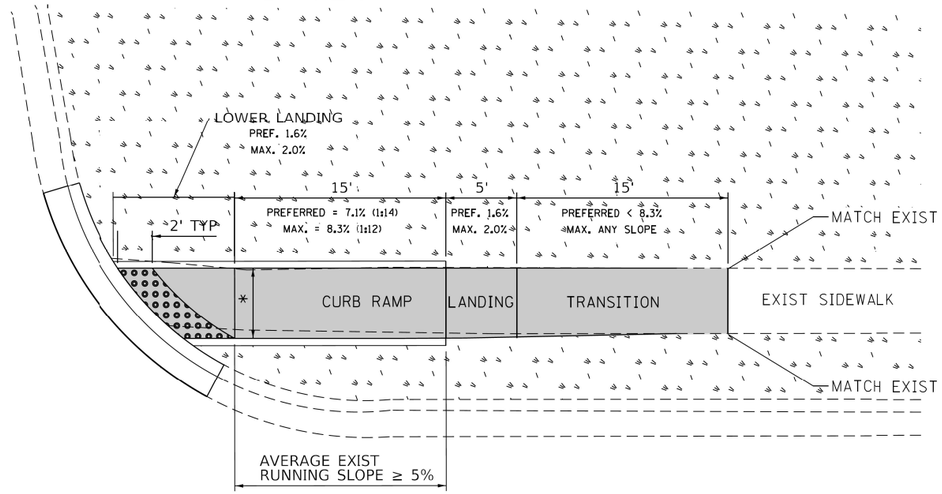
PD-02A



PD-02B



PD-02C



DESIGNER NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND

PROPOSED SIDE CURB

EXIST. GRASS

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

* MATCH EXISTING SIDEWALK WIDTH

USER NAME = elhannounyme	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 9.7883 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/17/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR SINGLE PERPINDICULAR CURB RAMPS
(PD-02)

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	36
		CONTRACT NO. 62M47		
	ILLINOIS	FED. AID PROJECT		

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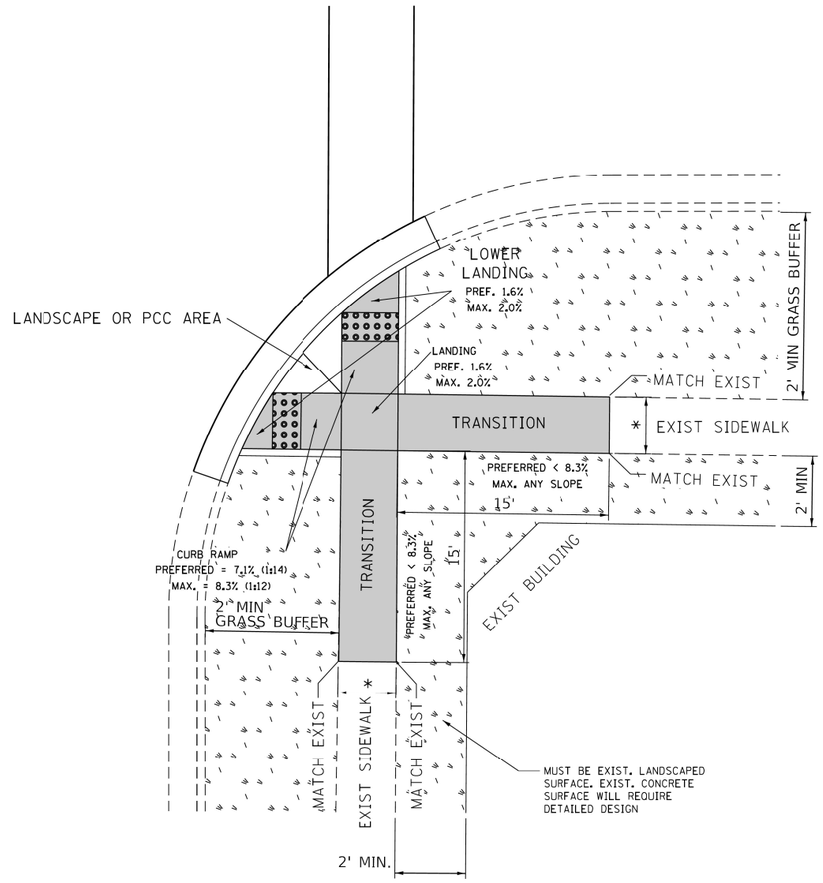
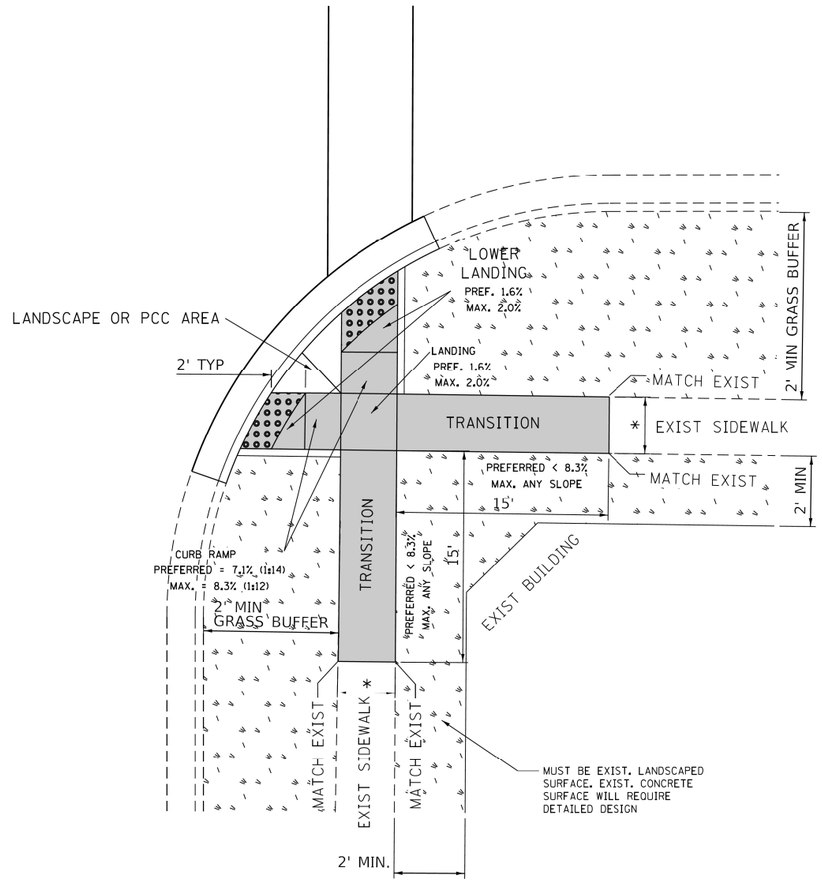
ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



DESIGNER NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND

PROPOSED SIDE CURB

EXIST. GRASS

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

* MATCH EXISTING SIDEWALK WIDTH

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USER NAME = elhannounyme	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 9.7883 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/17/2021	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

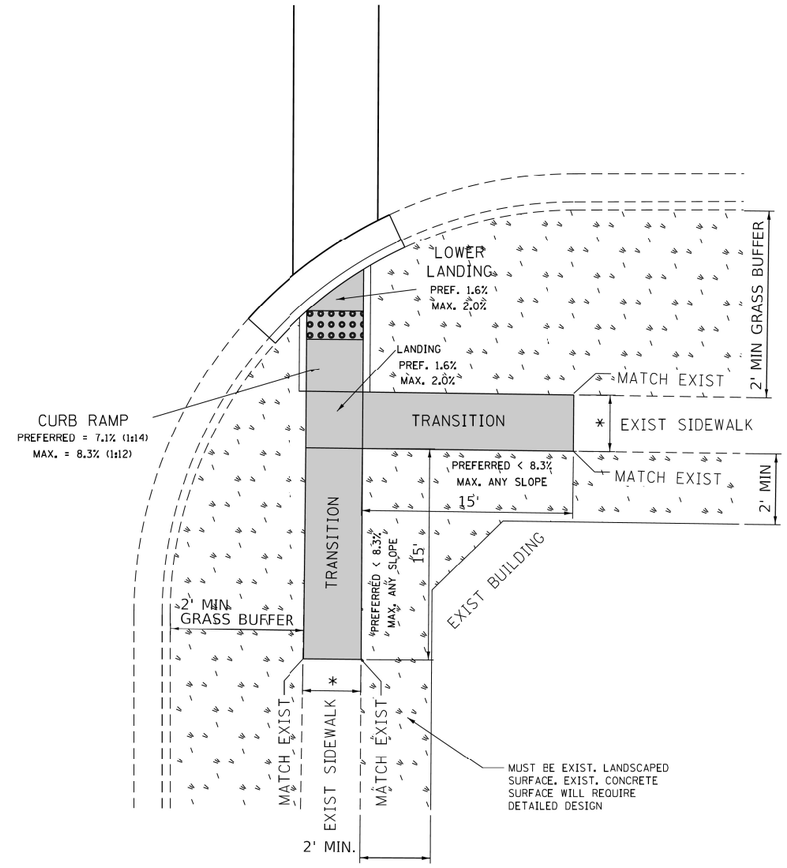
PROJECT DETAIL FOR DOUBLE PERPINDICULAR CURB RAMPS
(PD-03)

SCALE: | SHEET OF SHEETS | STA. | TO STA.

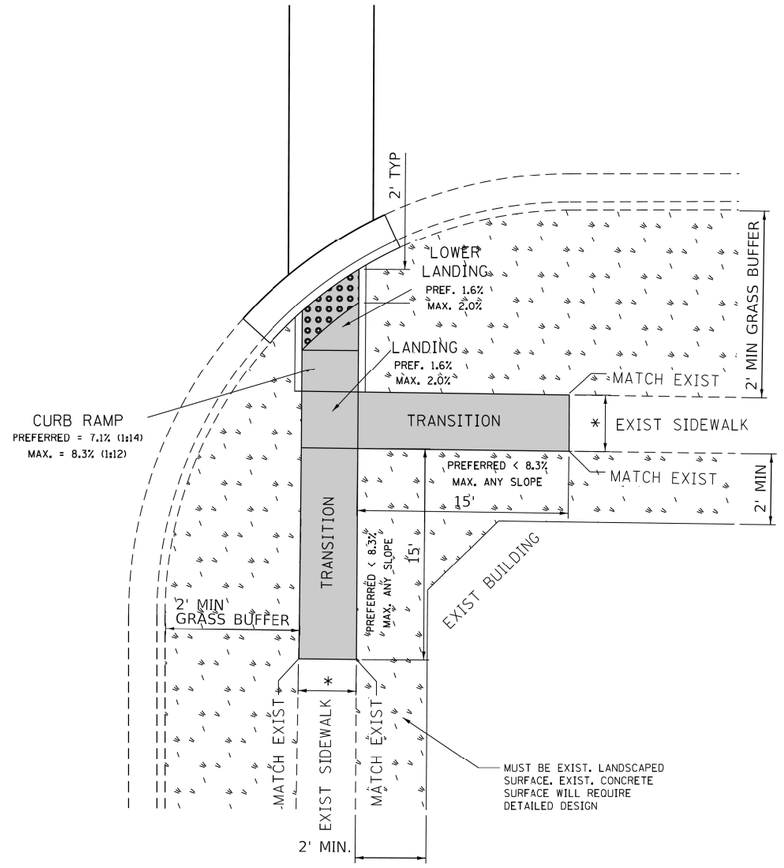
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	37
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



DESIGNER NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- 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

* MATCH EXISTING SIDEWALK WIDTH

USER NAME = elhannounyme	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 9.7883 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/17/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR SINGLE PERPINDICULAR CURB RAMPS W/TURNING SPACE (PD-04)

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	38
		CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

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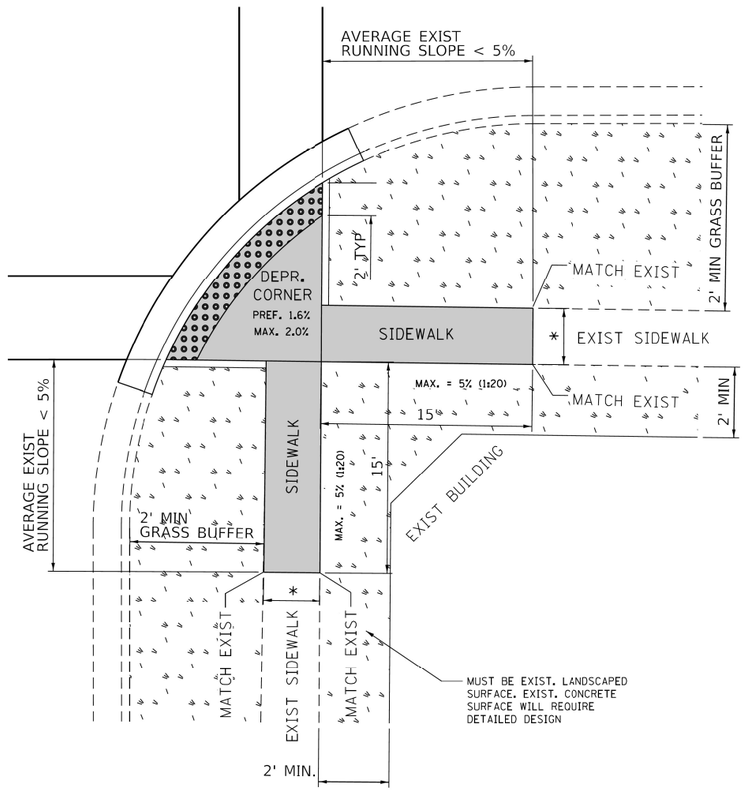
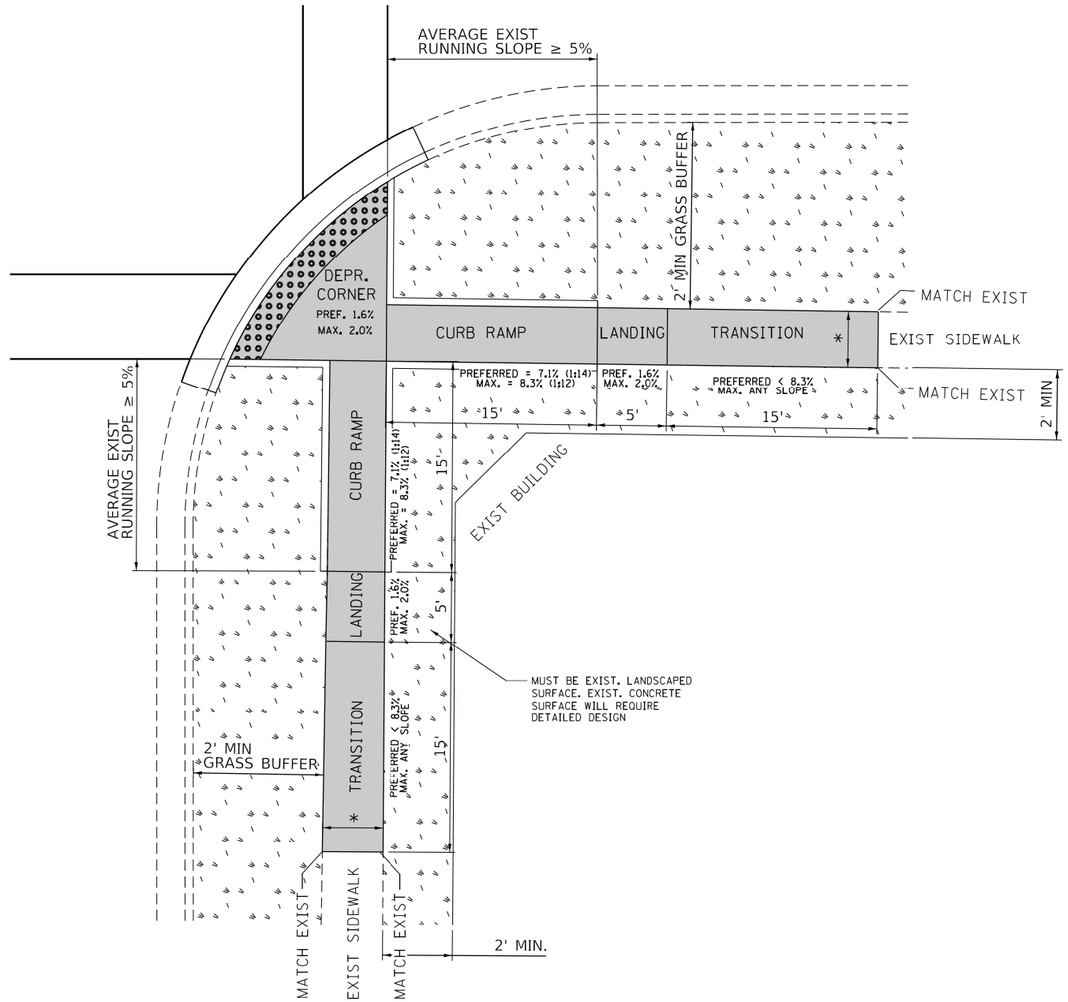
ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

PD-05A



PD-05B



DESIGNER NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND

PROPOSED SIDE CURB

EXIST. GRASS

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

* MATCH EXISTING SIDEWALK WIDTH

USER NAME = elhannounyme	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 9.7883 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/17/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR DEPRESSED CURB RAMPS
(PD-05)

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	39
		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		

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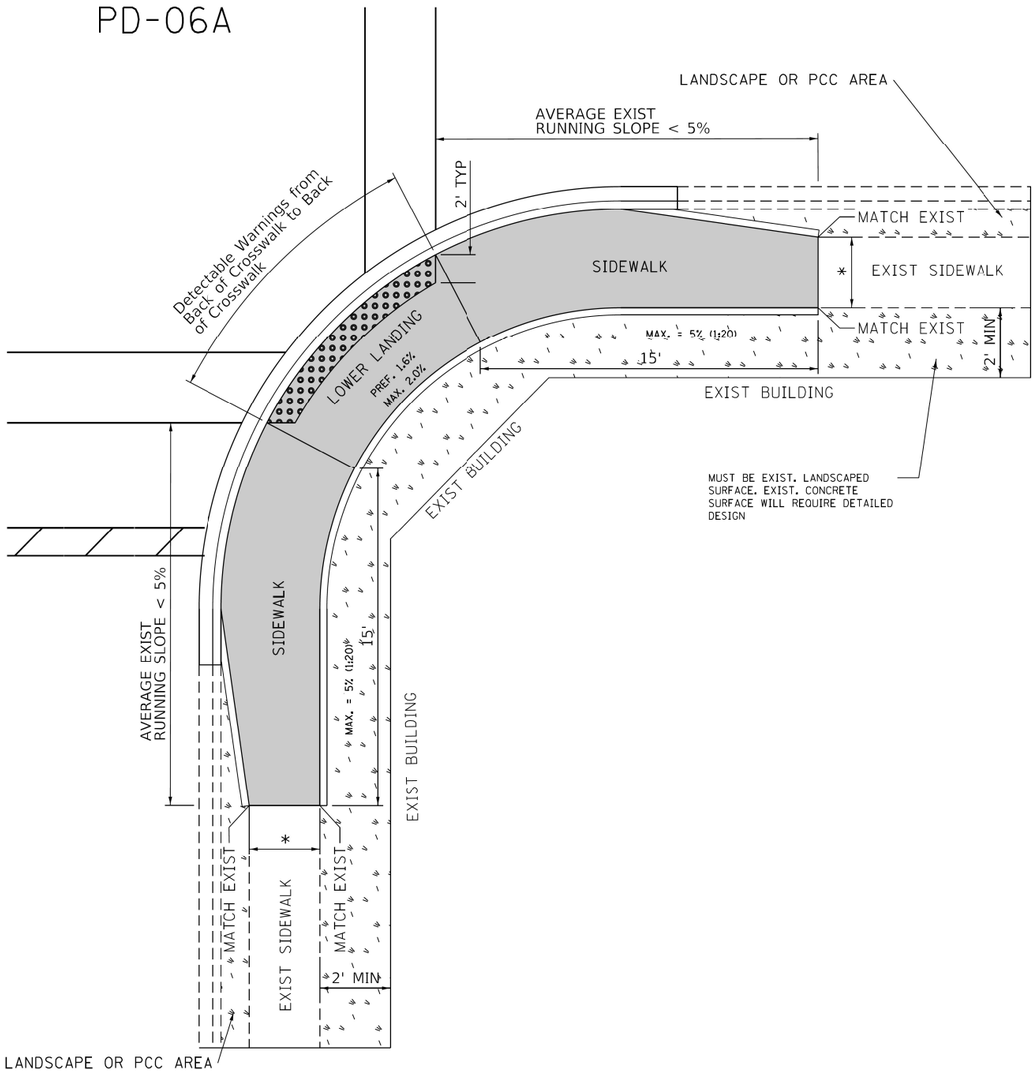
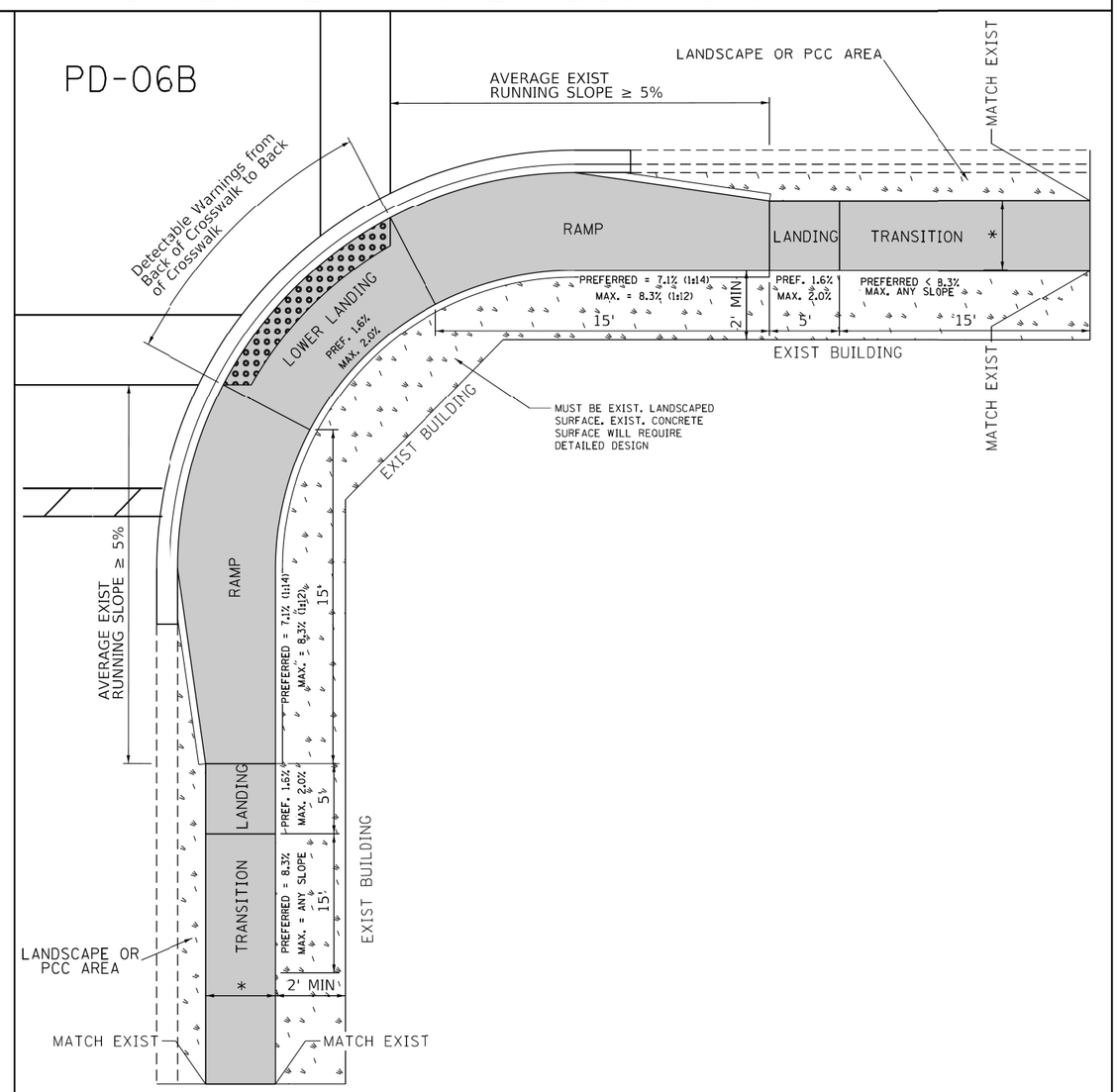
ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING

PD-06A



PD-06B



DESIGNER NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- 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

* MATCH EXISTING SIDEWALK WIDTH

USER NAME = elhannounyme	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 9.7883 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/17/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR PARALLEL CURB RAMPS
(PD-06)

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	COOK & LAKE	52	40
		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
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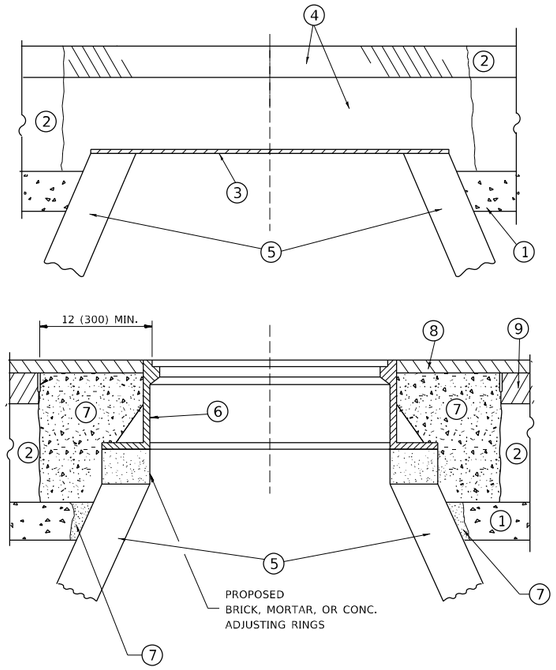

CONSTRUCTION PROCEDURES

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

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.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

USER NAME = elhannounyme	DESIGNED - R. SHAH	REVISED - R. WEDEMAN 05-14-04
	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 03-09-11
PLOT DATE = 12/17/2021	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.
1270	2020-160-RS&SW	LAKE | COOK	52	41
	BD600–03 (BD–8)	CONTRACT NO. 62M47		
		ILLINOIS | FED. AID PROJECT		

MODEL: Default
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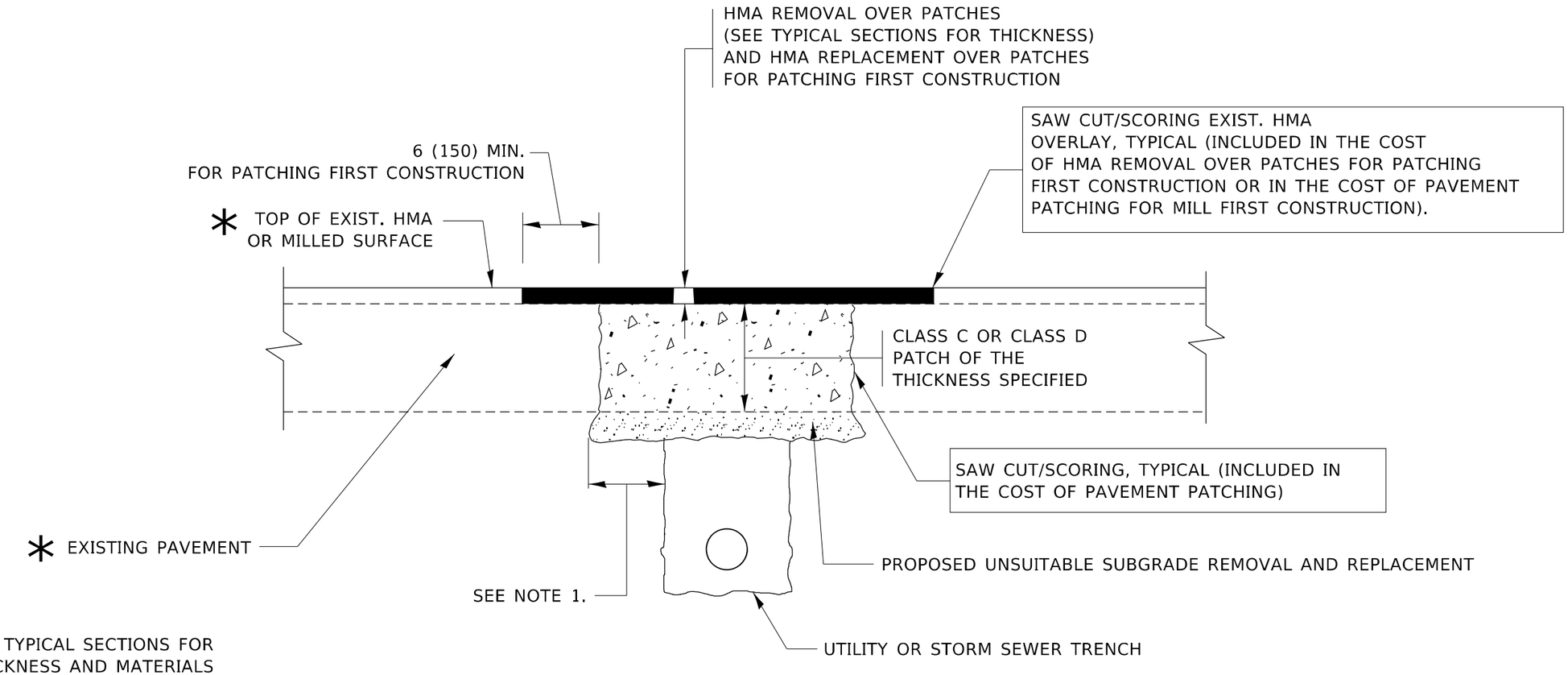


* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 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.

MODEL: Default
FILE NAME: pw:\\bbd-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 1\Project\D1S2220\CADData\Design\bk4Std.dgn

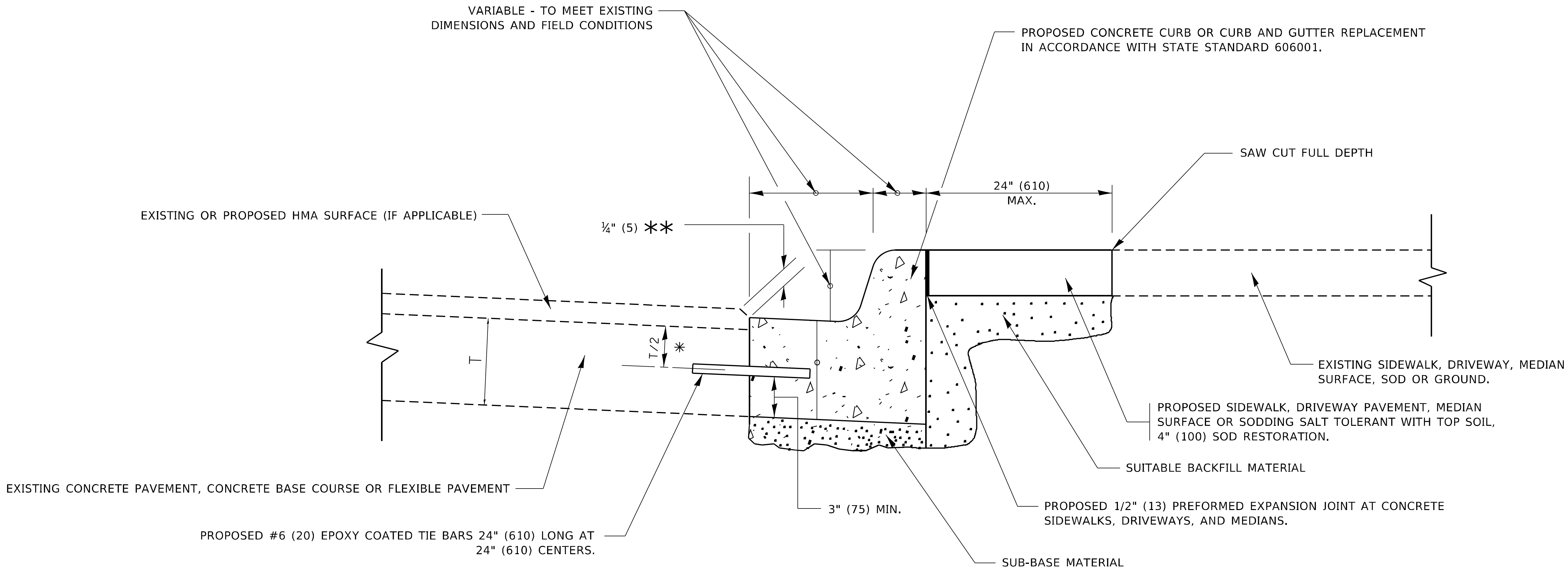
USER NAME = elhannounyme	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	
	DRAWN -	REVISED - R. BORO 01-01-07	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 09-04-07	
PLOT DATE = 12/17/2021	DATE - 10-25-94	REVISED - K. ENG 10-27-08	

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.
1270	2020-160-RS&SW	LAKE | COOK	52	42
	BD400-04 (BD-22)	CONTRACT NO. 62M47		
	ILLINOIS	FED. AID PROJECT		



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

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\D157220\CADData\Design\DistStd.dgn

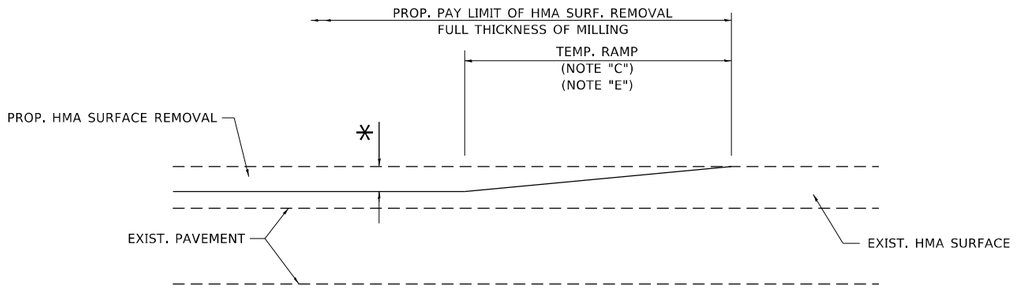
USER NAME = elhannounyme	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 12/17/2021	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

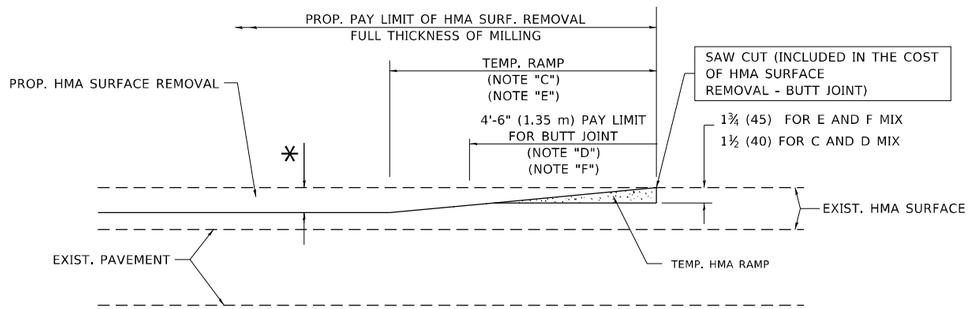
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE | COOK	52	43
BD600–06 (BD–24)		CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

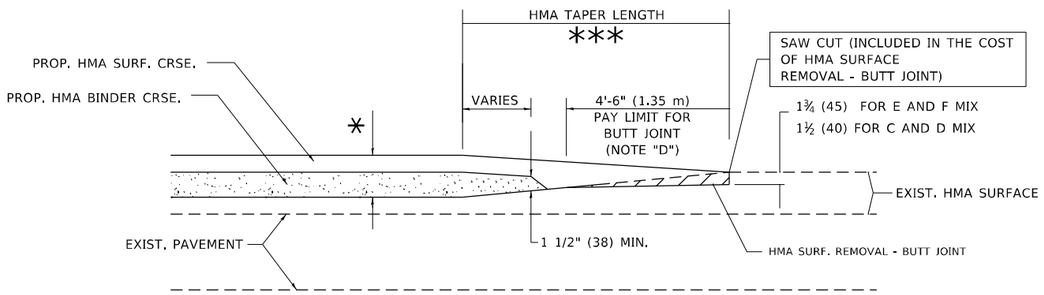


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

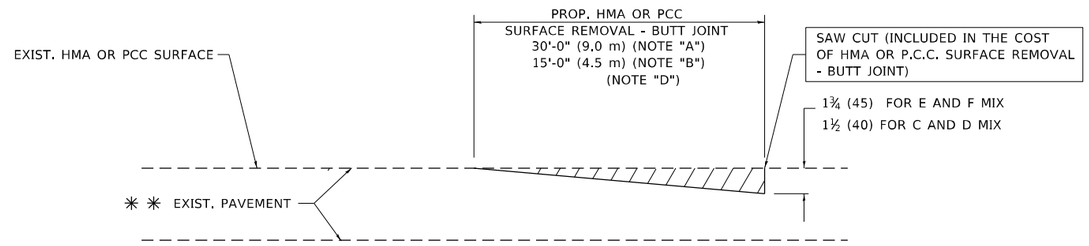
OPTION 2

TYPICAL TEMPORARY RAMP

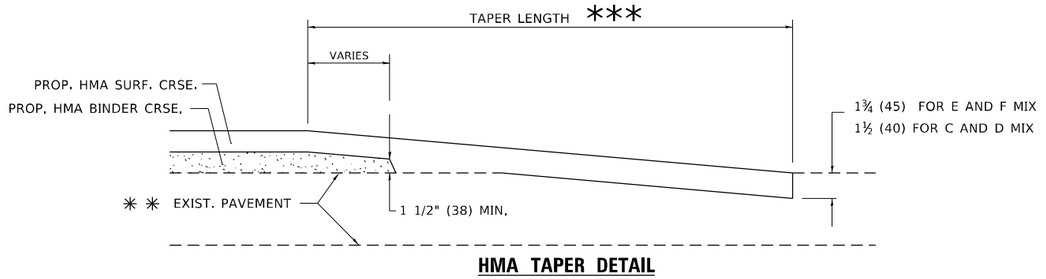


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.

* 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.

USER NAME = elhannounyme	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 12/17/2021	DATE - 06-13-90	REVISED - R.BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE | COOK	52	44
	BD400-05 BD32	CONTRACT NO. 62M47		
		ILLINOIS | FED. AID PROJECT		

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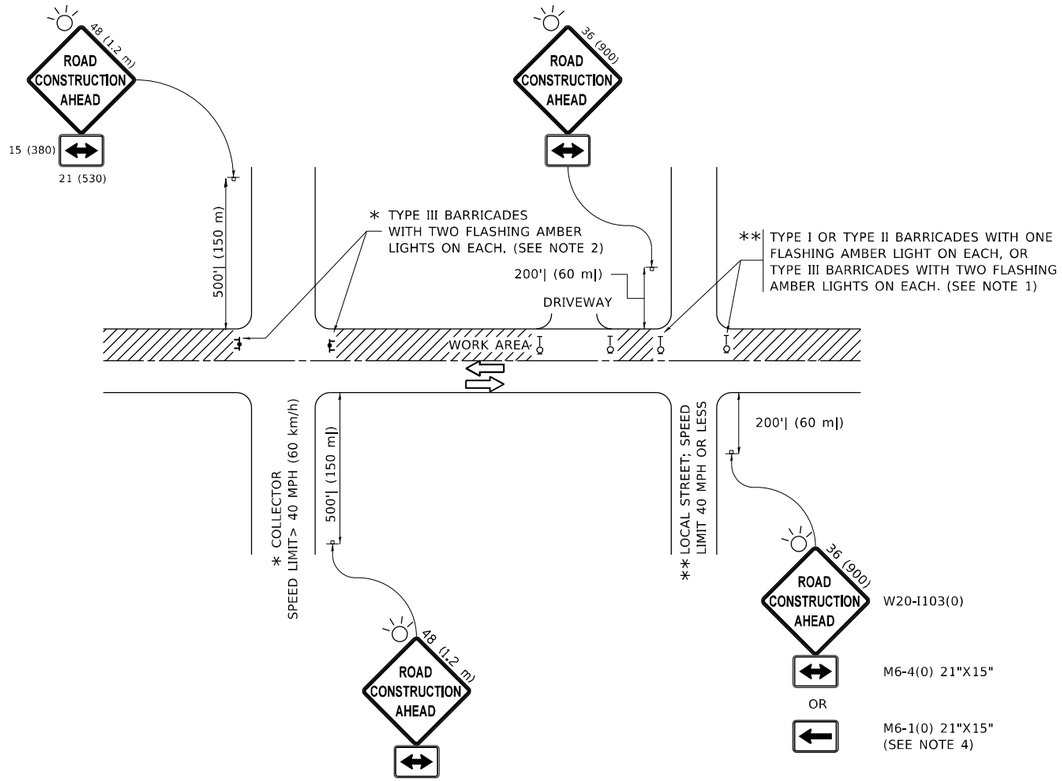

NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

USER NAME = elhannouryme	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 12/17/2021	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE | COOK	52	45
	TC-10	CONTRACT NO. 62M47		
	ILLINOIS | FED. AID PROJECT			

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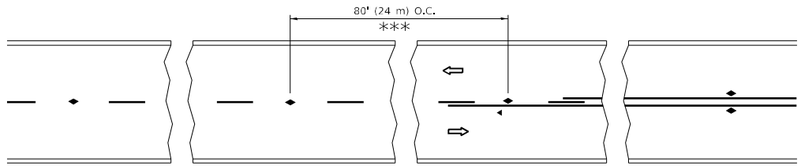
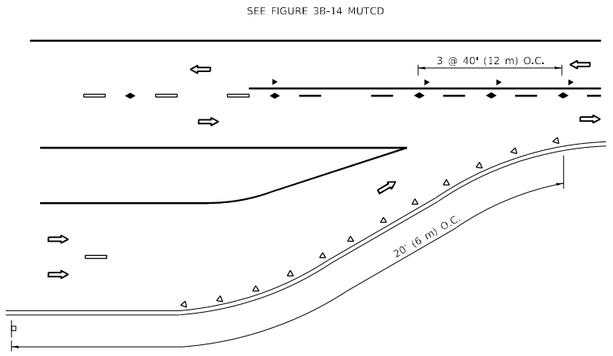


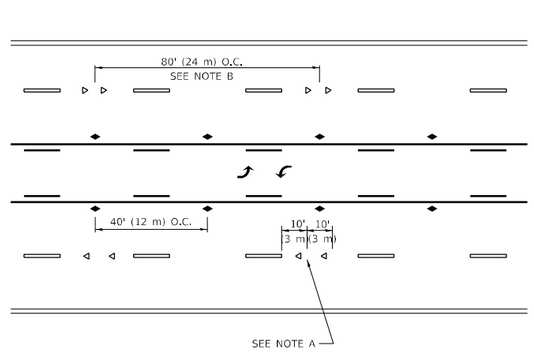
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

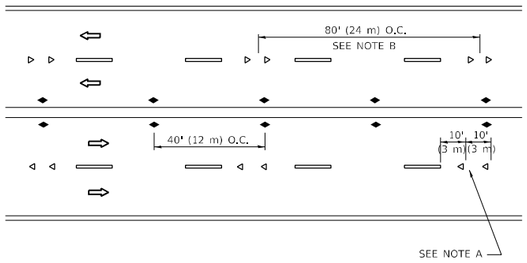
SEE FIGURE 3B-14 MUTCD



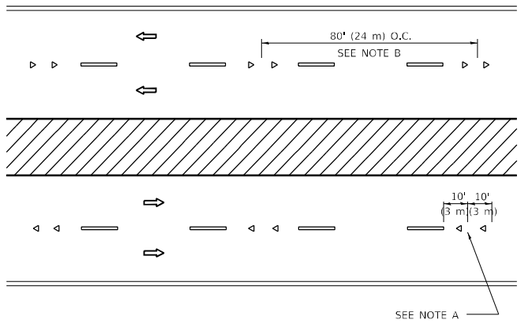
LANE REDUCTION TRANSITION



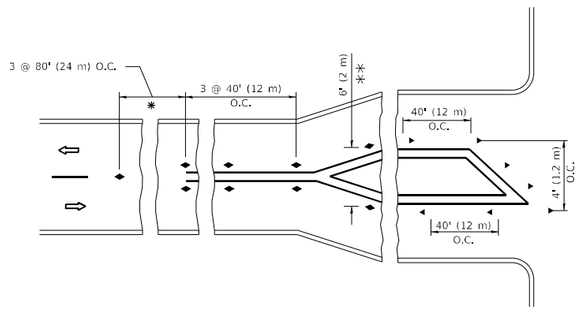
TWO–WAY LEFT TURN

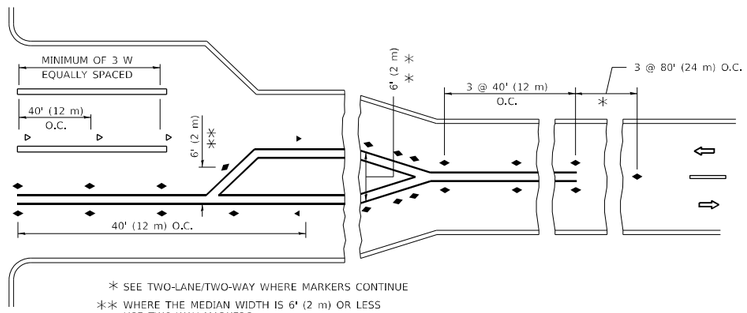


MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

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

TURN LANES

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.

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

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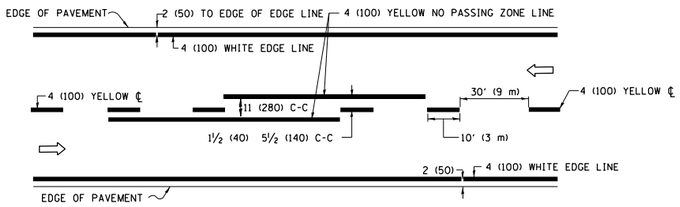
USER NAME = elhannounyme	DESIGNED -	REVISED - T. RAMMACHER 03-12-99	
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09	
PLOT DATE = 12/17/2021	DATE -	REVISED - C. JUCIUS 07-01-13	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

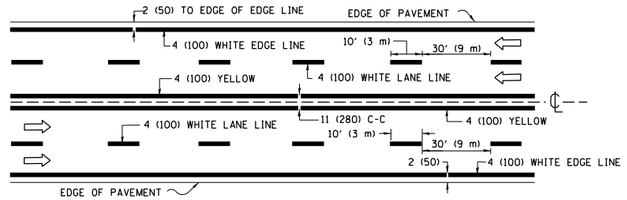
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW–PLOW RESISTANT)

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

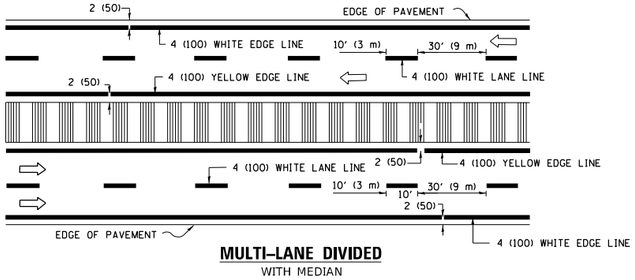
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE | COOK	52	46
	TC–11	CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	



2–LANE ROADWAY

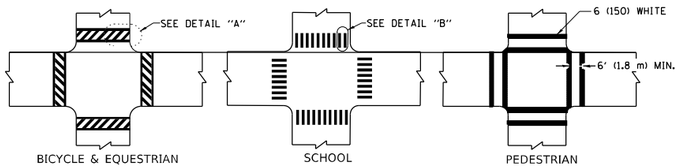


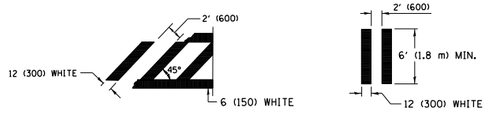
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

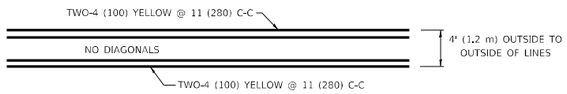




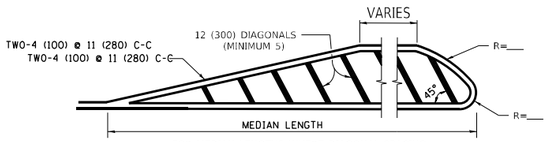
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



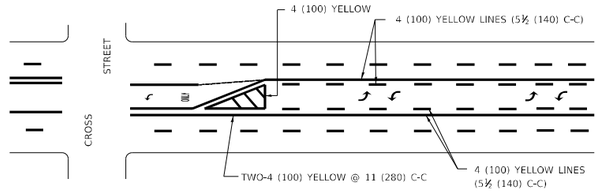
4' (1.2 m) WIDE MEDIANS ONLY



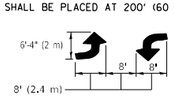
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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))

MEDIANS OVER 4' (1.2 m) WIDE

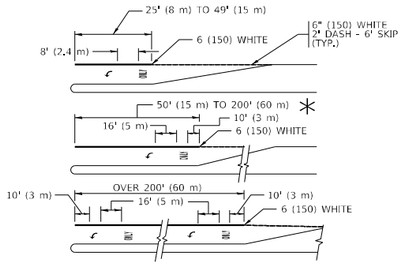


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

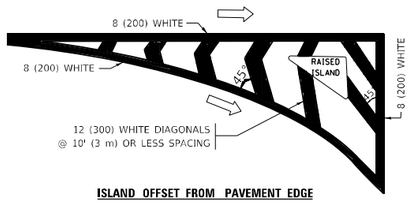


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m ²

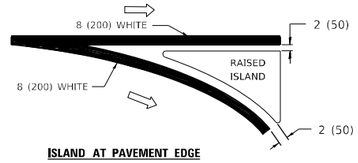
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

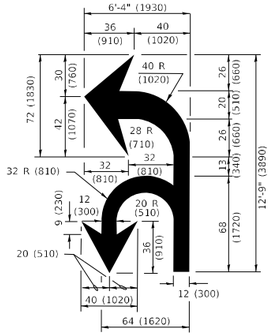


ISLAND OFFSET FROM PAVEMENT EDGE

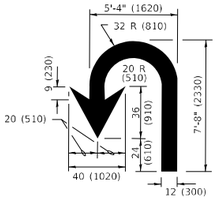


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

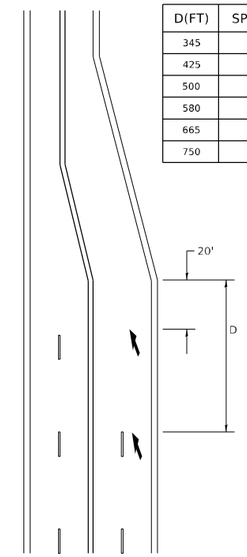


COMBINATION LEFT AND U–TURN



U–TURN

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



LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE 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: 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ² EACH "X"=54.0 SQ. FT. (5.0 m ²
SHOULDER DIAGONALS (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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USER NAME = elhannounyme	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	
	DRAWN -	REVISED - C. JUCIUS 07-01-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15	
PLOT DATE = 12/17/2021	DATE - 03-19-90	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.
1270	2020-160-RS&SW	LAKE | COOK	52	47
	TC–13	CONTRACT NO. 62M47		
		ILLINOIS | FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

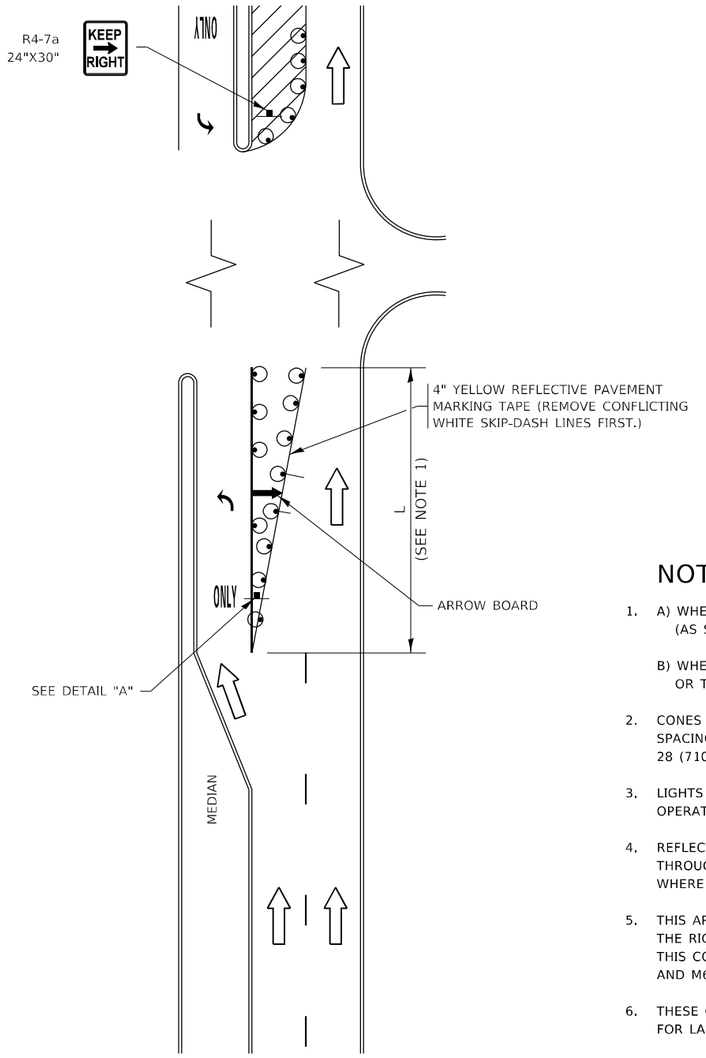


FIGURE 1

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 ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

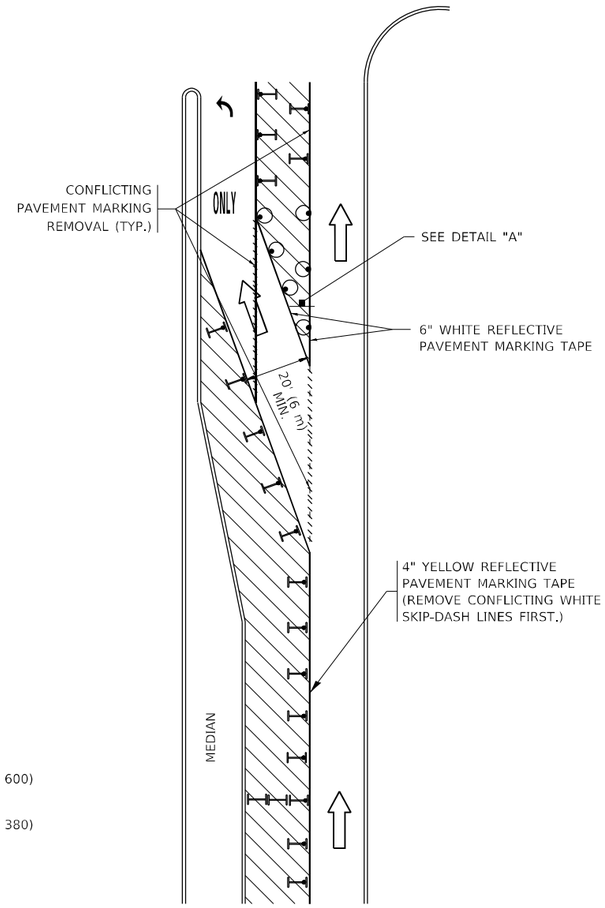
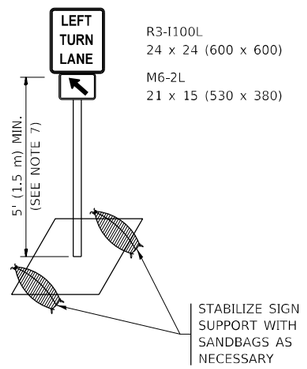


FIGURE 2



DETAIL A

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

MODEL: Default
FILE NAME: pw:\\dist-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1S7220\CADData\Design\StdSht.dgn

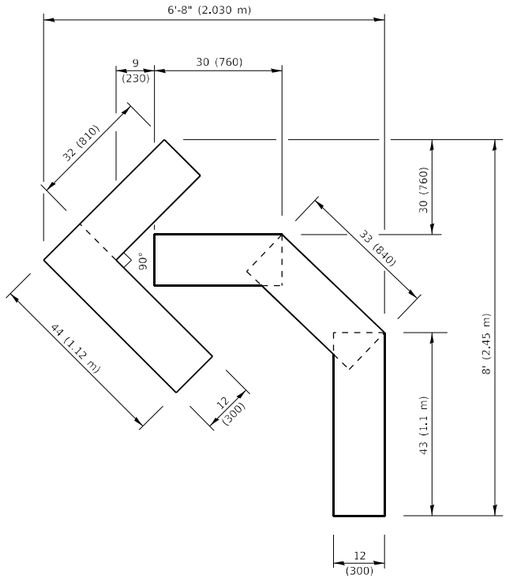
USER NAME = elhannounyme	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 12/17/2021	DATE - T. RAMMACHER 01-06-00	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

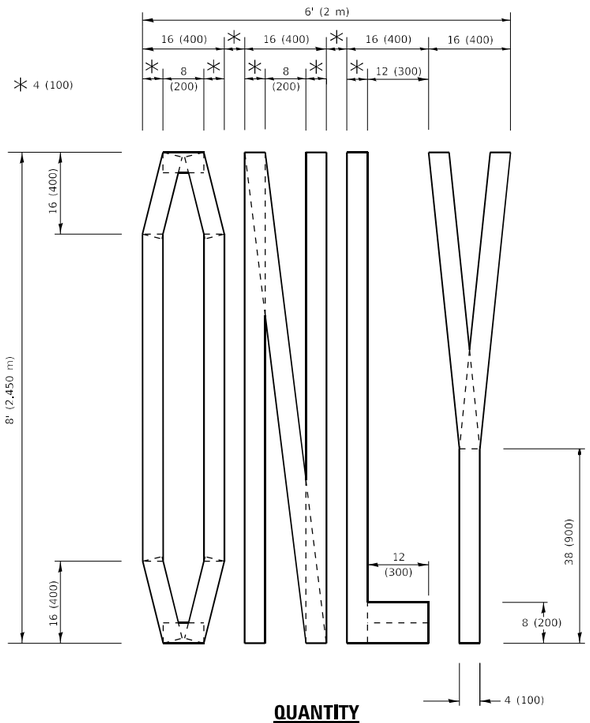
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE | COOK	52	48
	TC-14	CONTRACT NO. 62M47		
		ILLINOIS FED. AID PROJECT		



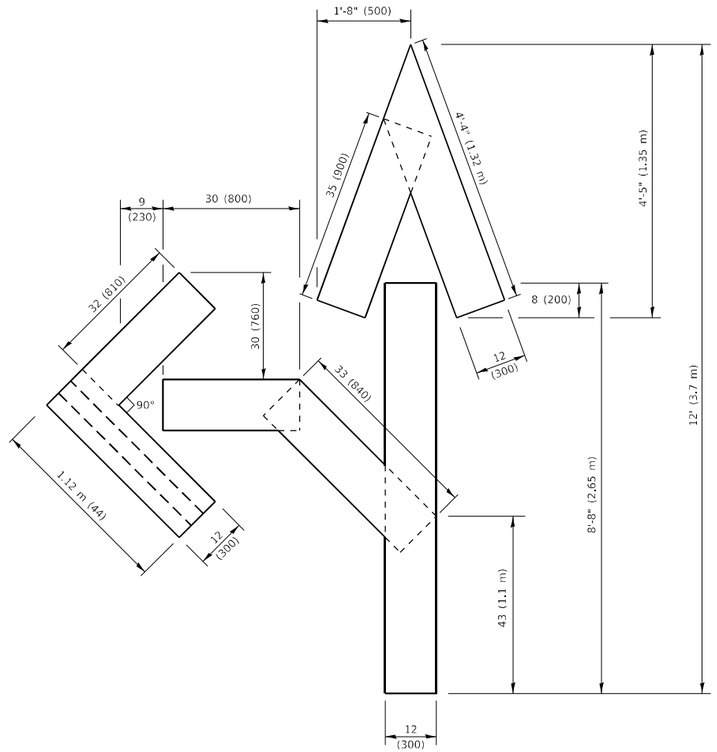
QUANTITY

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



QUANTITY

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

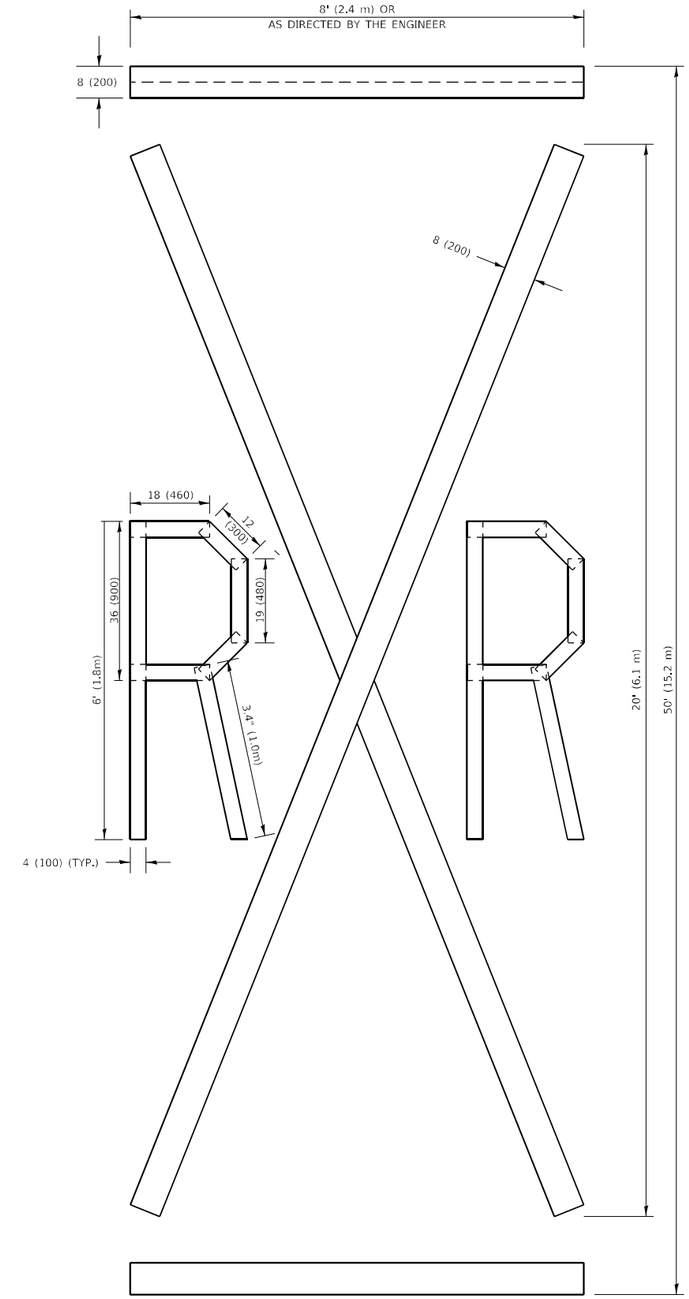


QUANTITY

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

NOTE:

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



QUANTITY

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

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

USER NAME = elhannounyme	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 12/17/2021	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.
1270	2020-160-RS&SW	LAKE | COOK	52	49
	TC-16	CONTRACT NO. 62M47		
	ILLINOIS | FED. AID PROJECT			

MODEL: Default
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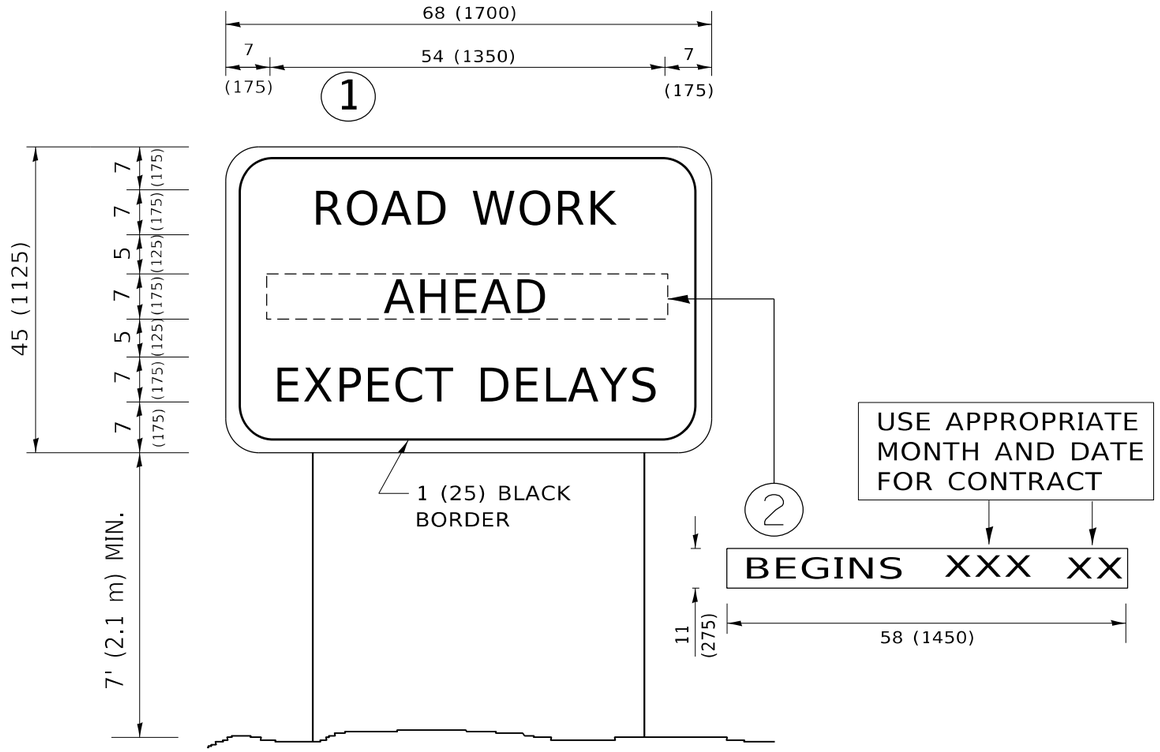

NOTES:

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.

USER NAME = elhannounyme	DESIGNED -	REVISED -	R. MIRS 09-15-97
	DRAWN -	REVISED -	R. MIRS 12-11-97
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	T. RAMMACHER 02-02-99
PLOT DATE = 12/17/2021	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.
1270	2020-160-RS&SW	LAKE | COOK	52	50
	TC-22	CONTRACT NO. 62M47		
		ILLINOIS | FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	CC	CC
MASTER CONTROLLER	MC	MC
MASTER MASTER CONTROLLER	MMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
DOUBLE HANDHOLE		
JUNCTION BOX	J	J
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET	RR	RR
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P	P
SAMPLING (SYSTEM) DETECTOR	S	S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS	IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS	QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	P	P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	P RB	P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

MODEL: Default
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	DRAWN - IP	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 12/17/2021	DATE - 9/29/2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

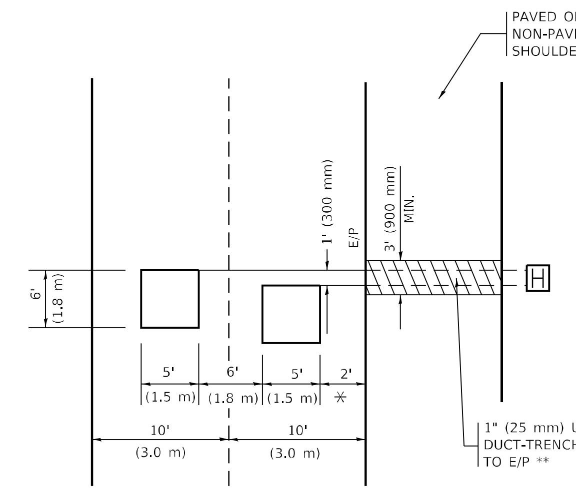
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE | COOK	52	51
	TS–05	CONTRACT NO. 62M47		
		ILLINOIS	FED. AID PROJECT	

LOOPS NEXT TO SHOULDERS

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



⁎ = (600 mm)

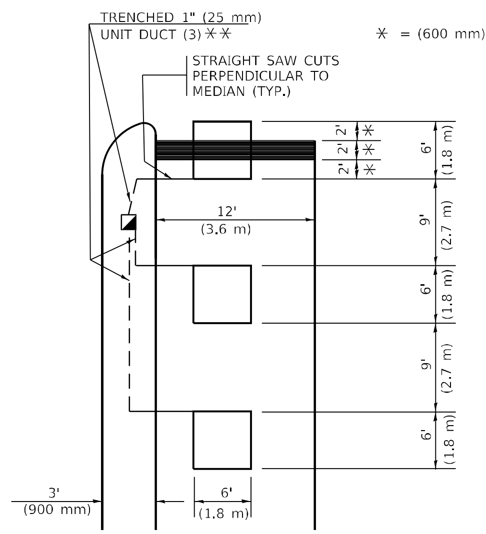
⁎⁎ UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)

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



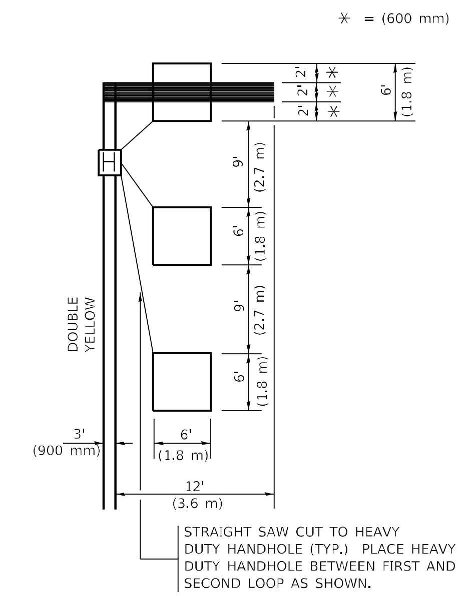
⁎⁎ UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

LEFT TURN LANES WITHOUT MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



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

NOTES:

VEHICLES LOOP DETECTORS

- ⁎ ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- ⁎ EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- ⁎ EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR 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.

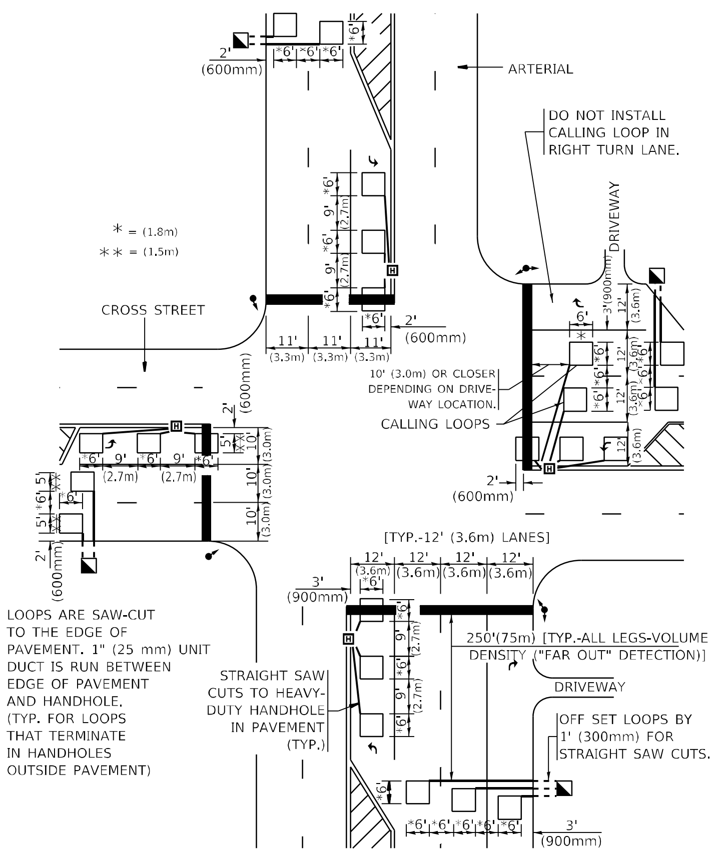
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

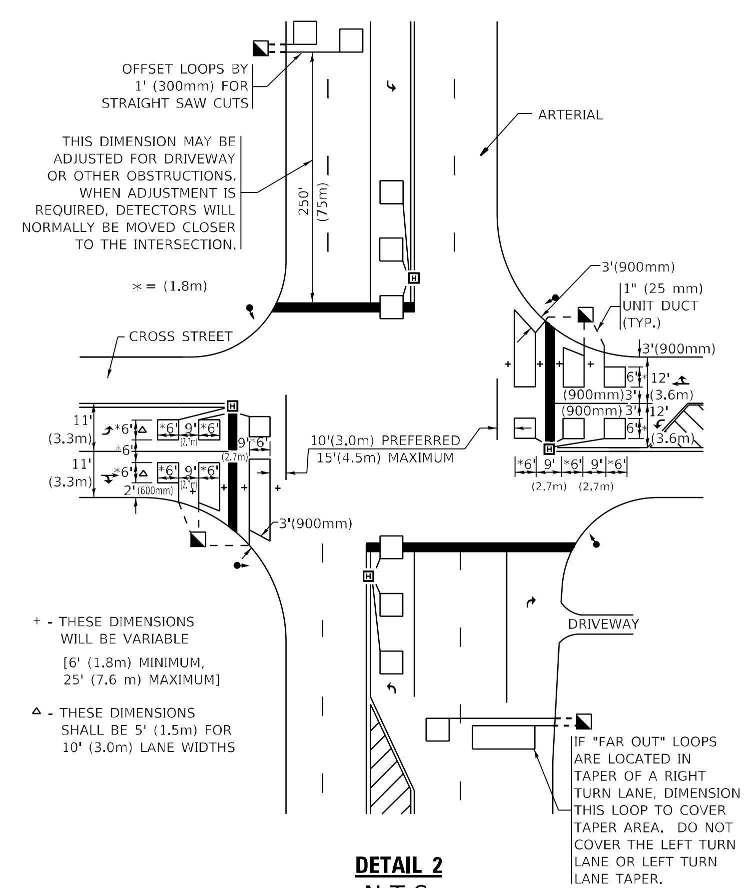
ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1

N.T.S.

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



DETAIL 2

N.T.S.

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\D157220\CADData\Design\DetStd.dgn

USER NAME = elhannounyme	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 – DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING		
	DRAWN -	REVISED -				
PLOT SCALE = 100.0000 ' / in.	CHECKED - R.K.F.	REVISED -				
PLOT DATE = 12/17/2021	DATE -	REVISED -		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1270	2020-160-RS&SW	LAKE | COOK	52	52
	TS-07	CONTRACT NO. 62M47		
	ILLINOIS	FED. AID PROJECT		