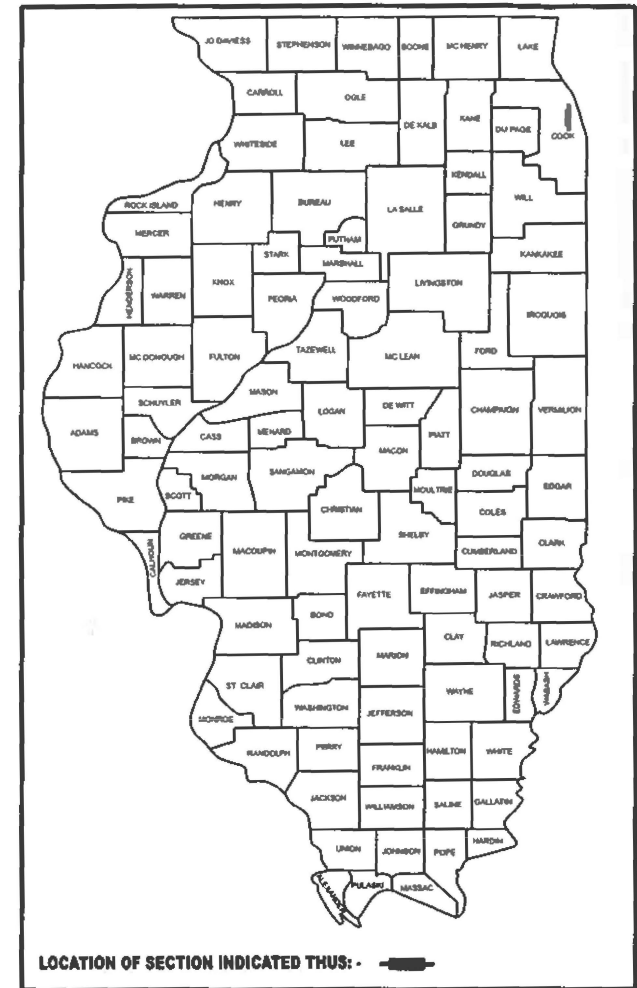


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	1
		ILLINOIS	CONTRACT NO. 62X57	

D-91-049-25



LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGES OF
WILMETTE AND KENILWORTH

PROPOSED
HIGHWAY PLANS

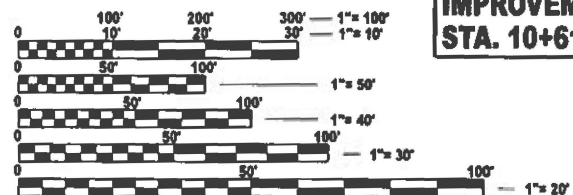
F.A.U 3520: CHURCH RD./RIDGE RD.
N. OF MACLEAN AVE. TO WILMETTE AVE.
SECTION: 2024-1024-RS
PROJECT: STP-W4HA(490)
DESIGNED OVERLAY
COOK COUNTY

IMPROVEMENT ENDS
STA. 83+00

TRAFFIC DATA:

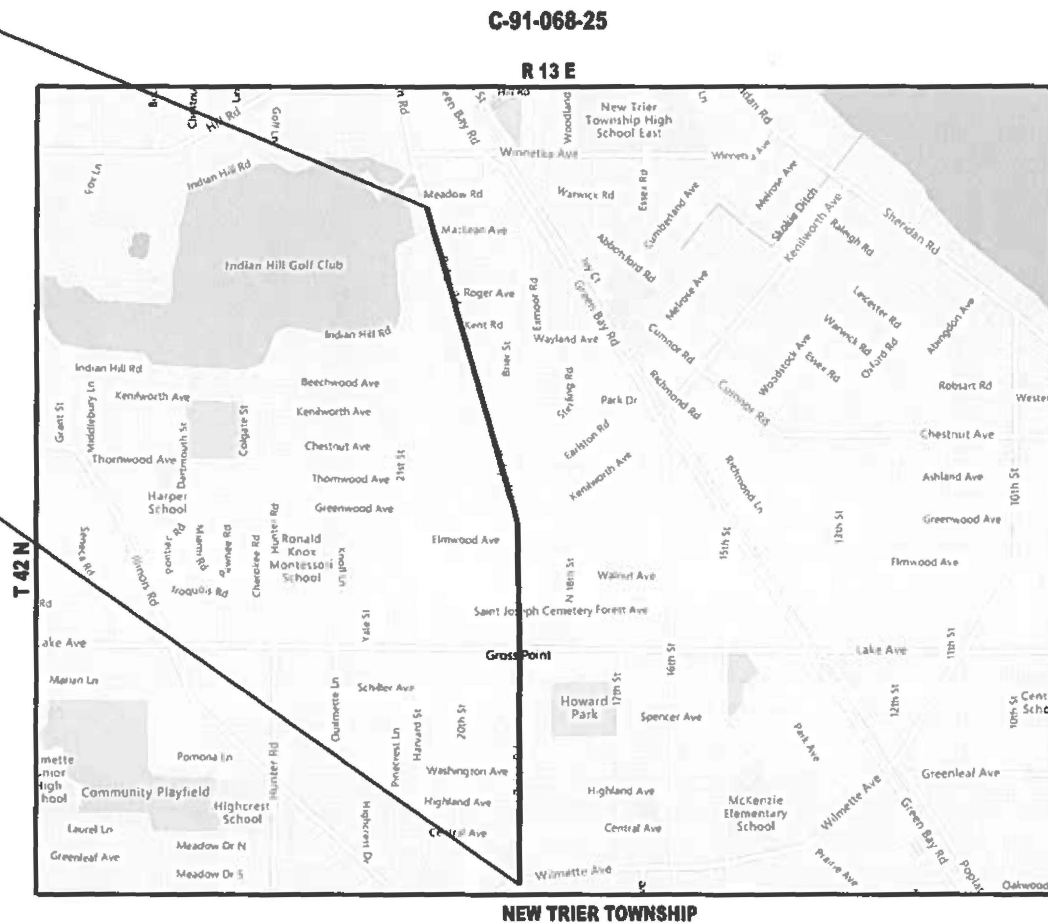
RIDGE RD./CHURCH RD.: 2022 ADT = 6748
POSTED SPEED LIMIT = 30 MPH

IMPROVEMENT BEGINS
STA. 10+61



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

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



GROSS LENGTH = 7,207 FT. = 1.36 MILE

PROJECT MANAGER: J. ALAIN MIDY (847) 221-3056
PROJECT ENGINEER: RODRIGO LEDEZMA (847) 705-4580

CONTRACT NO. 62X57

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 22 2026
Rose Parks REGIONAL ENGINEER

March 20 2026
Scott Etkin ENGINEER OF DESIGN AND ENVIRONMENT

March 20 2026
Gregory DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

- 1 BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED). THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILLAGE OF WILMETTE, KENILWORTH IN COOK COUNTY.
- 2 THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 3 BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 4 BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 5 THE RESIDENT ENGINEER SHALL CONTACT EMAD.ALHUSSEINI AREA TRAFFIC FIELD ENGINEER AT EMAD.ALHUSSEINI@ILLINOIS.GOV. A MINIMUM OF TWO(2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 6 ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 7 FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE PROJECT LIMITS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- 8 THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 9 OVERNIGHT LANE CLOSURE SHALL NOT BE ALLOWED FOR REHABILITATION INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
- 10 THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 11 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM AND FOUNDATIONS AND VERIFYING THE MAST ARM LENGHTS.
- 12 LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 13 EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- 14 TEMPORARY PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- 15 ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES, ANYDEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
- 16 ANY DRAINAGE STRUCTURED WITHIN ADA IMPROVEMENT MUST BE ADA COMPLIANT.
- 17 DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 18 ALL ADJUSTMENTS TO VILLAGE OF WILMETTE WATER VAULT STRUCTURES ON THE PAVEMENT AREA SHALL BE PAID FOR AS FRAMES AND LIDS TO BE ADJUSTED.
- 19 ALL DAMAGE TO EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKING OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 20 LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATIONS CURB AND GUTTER (THE TYPE SPECIFIED IN THE PLANS)], WILL BE DETERMIND IN THE FIELD BY THE ENGINEER.
- 21 THE CONTRACTOR SHALL 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 SHALL DELIVER THE RECORD TO THE ENGINEER.
- 22 "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED AT LOCATIONS WHERE ROADWAY HAZARDS WITHIN THE WORK ZONE WILL REMAIN OVERNIGHT.
- 23 TEMPORARY PAVEMENT MARKINGS OR SHORT TEMP PAVEMENT MARKINGS ON INTERMEDIATE SURFACES SHALL NOT BE REMOVED, UNLESS DIRECTED BY THE ENGINEER.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-6	EXISTING AND PROPOSED TYPICAL SECTIONS
7-9	ROADWAY PLAN AND PROFILE
10-18	ADA RAMP DESIGN
19-20	DETECTOR LOOP REPLACEMENT PLANS
21	DETAIL FOR SINGLE PREPENDICULAR CURB RAMPS (PD-01)
22	DETAIL FOR SINGLE PREPENDICULAR CURB RAMPS (PD-02)
23	DETAIL FOR SINGLE PREPENDICULAR CURB RAMPS (PD-03)
24	DETAIL FOR SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE (PD-04)
25	DETAIL FOR DEPRESSED CORNER CURB RAMPS (PD-05)
26	DETAIL FOR PARALLEL CURB RAMPS (PD-06)
27	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
28	PAVEMENT PATCHING FOR HMA SURFACE PAVEMENT (BD-22)
29	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
30	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
31	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
32	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
33	DISTRICT ONE TYPICAL PAVEMENT MARKING (TC-13)
34	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
35	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-04	CLASS C AND D PATCHES
424001-12	PREPENDICULAR CURB RAMPS FOR SIDEWALKS
424031-03	MEDIAN PEDESTRIAN CROSSING
604001-05	FRAME AND LIDS TYPE 1
604086-05	FRAME AND LIDS TYPE 23
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600mm) FROM EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 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
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTOL DEVICES

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	DRAWN -	REVISED -		3520	2024-1024-RS	COOK	35	2				
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -		CONTRACT NO. 62X57								
PLOT DATE = 1/13/2026	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY				
				80% FED 20% STATE	100% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005				
20200100	EARTH EXCAVATION	CU YD	55	55					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	185	185					
25200110	SODDING, SALT TOLERANT	SQ YD	185	185					
25200200	SUPPLEMENTAL WATERING	UNIT	1.8	1.8					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	19646	19646					
40600370	LONGITUDINAL JOINT SEALANT	FOOT	8139	8139					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	44	44					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3698	3698					
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	3260	3260					
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	2853	2853					
42001300	PROTECTIVE COAT	SQ YD	786	786					
42300100	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH	SQ YD	27	27					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	53	53					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3326	3326					
42400800	DETECTABLE WARNINGS	SQ FT	277	277					
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	29105	29105					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	80	80					
44000600	SIDEWALK REMOVAL	SQ FT	3368	3368					
44201847	CLASS D PATCHES, TYPE I, 17 INCH	SQ YD	17	17					
44201851	CLASS D PATCHES, TYPE II, 17 INCH	SQ YD	498	498					
44201855	CLASS D PATCHES, TYPE III, 17 INCH	SQ YD	120	120					

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY				
				80% FED 20% STATE	100% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005				
44201857	CLASS D PATCHES, TYPE IV, 17 INCH	SQ YD	82	82					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2					
60260100	INLETS TO BE ADJUSTED	EACH	2	2					
60266600	VALVE BOXES TO BE ADJUSTED	EACH	4	4					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	6	6					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3	3					
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	2	2					
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	2	2					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	55	55					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5					
67100100	MOBILIZATION	L SUM	1	1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1					
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1					
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1					
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11764	11764					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2505	2505					
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	523.6	523.6					

* SPECIALTY ITEM

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/14/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 62x57 - SOB 1 SHEETS STA. TO STA.

F.A.U RTE. 3520	SECTION 2024-1024-RS	COUNTY COOK	TOTAL SHEETS 35	SHEET NO. 3
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY				
				80% FED 20% STATE	100% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005				
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	14402	14402					
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	3532	3532					
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	1416	1416					
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	712	712					
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	3649	3649					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	261.8	261.8					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7201	7201					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1766	1766					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	708	708					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	356	356					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	245	245					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	245	245					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
X4060995	TEMPORARY RAMP (SPECIAL)	SQ YD	912	912					
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	300	300					
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	1211	1211					
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	60	60					
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	80	80					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	100	100					
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	6	6					
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	102.8	102.8					

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY				
				80% FED 20% STATE	100% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005				
* 89502376	REBUILD EXISTING HANDHOLE	EACH	4	4					
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	548	548					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	10	10					

* SPECIALTY ITEM

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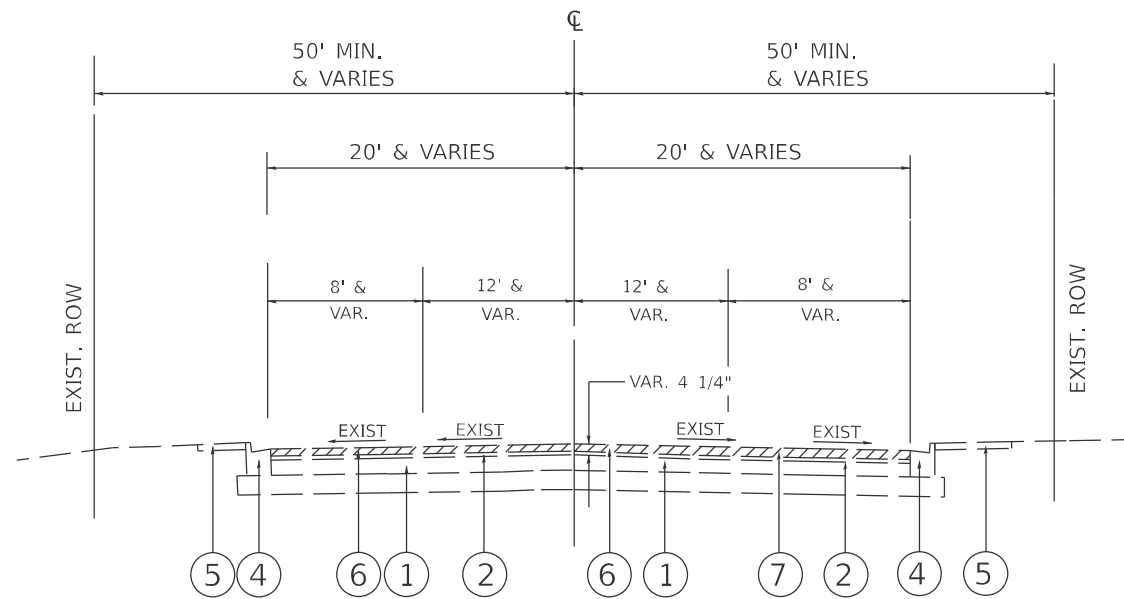
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 62x57 - SOO 2 SHEETS STA. TO STA.

F.A.U RTE. 3520	SECTION 2024-1024-RS	COUNTY COOK	TOTAL SHEETS 35	SHEET NO. 4
CONTRACT NO. 62X57				ILLINOIS FED. AID PROJECT

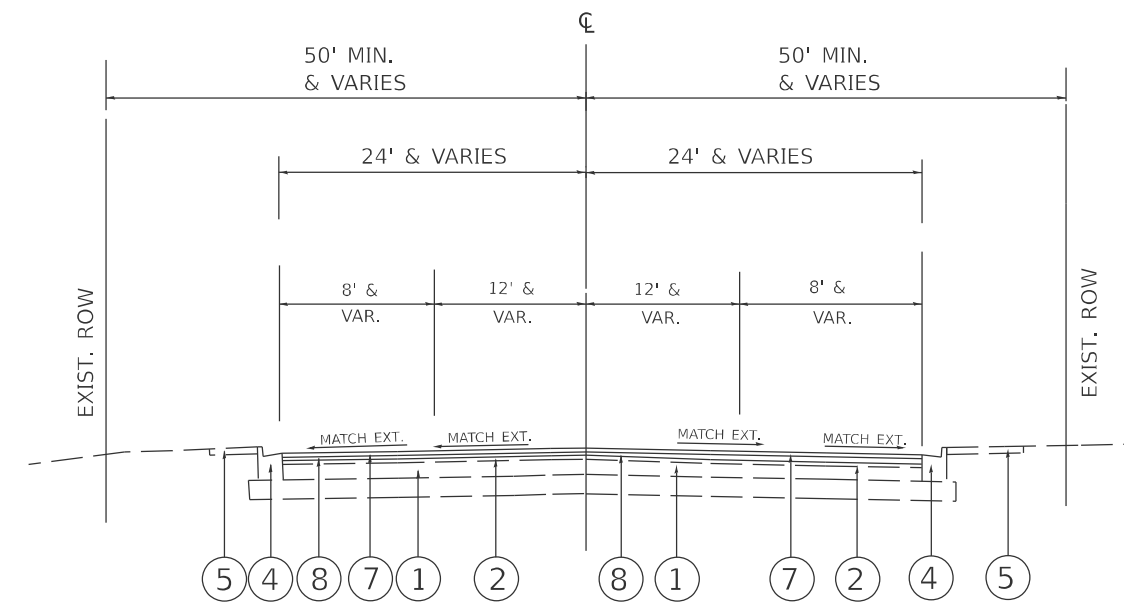


LEGEND

- ① EXIST. P.C.C. PAVEMENT ± 10"
- ② EXIST. HOT-MIX ASPHALT PAVEMENT ± 4 1/4"
- ③ EXIST. HOT-MIX ASPHALT PAVEMENT ± 7 1/4"
- ④ EXIST. COMBINATION CONC. CURB AND GUTTER
- ⑤ EXIST. SIDEWALK
- ⑥ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- ⑦ PROP. HMA SURFACE COURSE, MIX "D", N70, IL-9.5, 1 3/4"
- ⑧ PROP. HMA BINDER COURSE, IL-9.5, N70, 2"

EXISTING TYPICAL SECTION

CHURCH RD. / RIDGE RD. - (N. OF MACLEAN AVE. TO WILMETTE AVE.)
STA. 10+61 TO STA. 47+00



PROPOSED TYPICAL SECTION

CHURCH RD. / RIDGE RD. - (N. OF MACLEAN AVE. TO WILMETTE AVE.)
STA. 10+61 TO STA. 47+00

MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE USES	VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% AT 70 GYR.	QCP
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	4% AT 70 GYR.	QCP
PATCHING		
CLASS D PATCHES (HMA BINDER, IL-19.0)	4% AT 70 GYR.	QC/QA
TEMPORARY RAMP (SPECIAL)		
HMA BINDER COURSE, IL-9.5, N70 (VAR. DEPTH)	4% AT 70 GYR.	QC/QA
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP)		

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

NOTE:
 THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER
 - HMA BINDER COURSE IL-9.5, N70

THE CONTRACTOR SHALL MILL FIRST THEN PATCH

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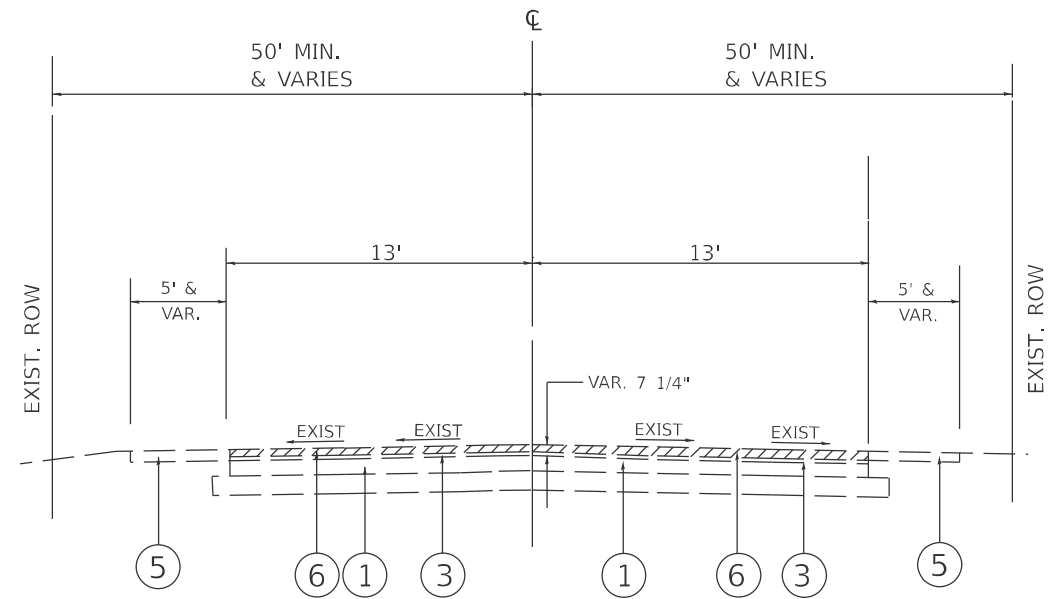
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PLOT DATE = 1/14/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CHURCH ST./RIDGE RD. (N. OF MACLEAN AVE. TO S. OF CENTRAL AVE.)
EXISTING AND PROPOSED TYPICAL SECTION**

SCALE: SHEET Typical 1 OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	5
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				

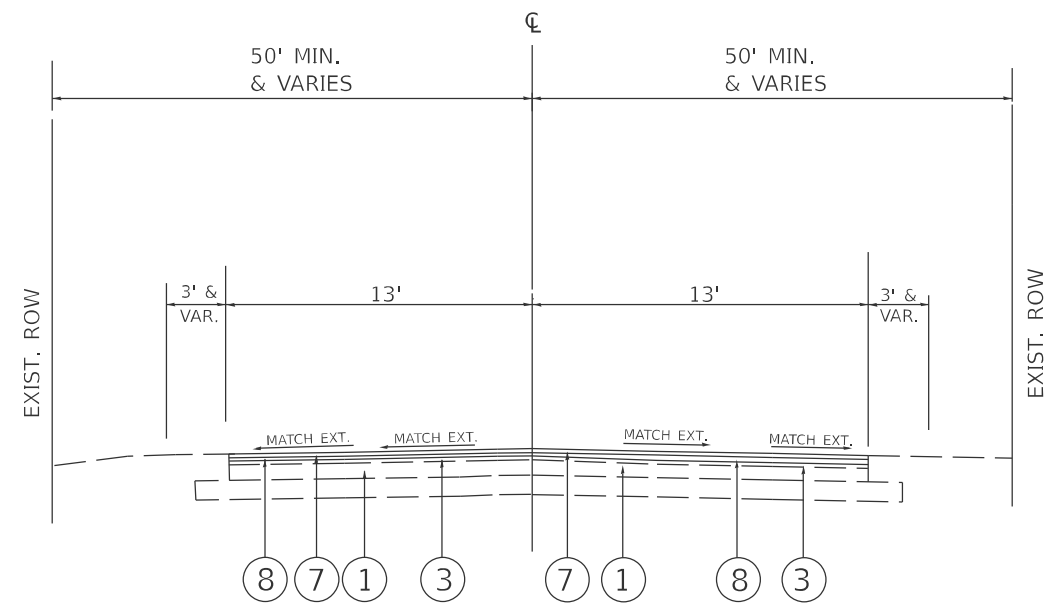


EXISTING TYPICAL SECTION

CHURCH RD. / RIDGE RD. - (N. OF MACLEAN AVE. TO WILMETTE AVE.)
STA. 47+00 TO STA. 83+00

LEGEND

- ① EXIST. P.C.C. PAVEMENT ± 10"
- ② EXIST. HOT-MIX ASPHALT PAVEMENT ± 4 1/4"
- ③ EXIST. HOT-MIX ASPHALT PAVEMENT ± 7 1/4"
- ④ EXIST. COMBINATION CONC. CURB AND GUTTER
- ⑤ EXIST. SIDEWALK
- ⑥ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- ⑦ PROP. HMA SURFACE COURSE, MIX "D", N70, IL-9.5, 1 3/4"
- ⑧ PROP. HMA BINDER COURSE, IL-9.5, N70, 2"



PROPOSED TYPICAL SECTION

CHURCH RD. / RIDGE RD. - (N. OF MACLEAN AVE. TO WILMETTE AVE.)
STA. 47+00 TO STA. 83+00

THE CONTRACTOR SHALL MILL FIRST THEN PATCH

NOTE:

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER
- HMA BINDER COURSE IL-9.5, N70

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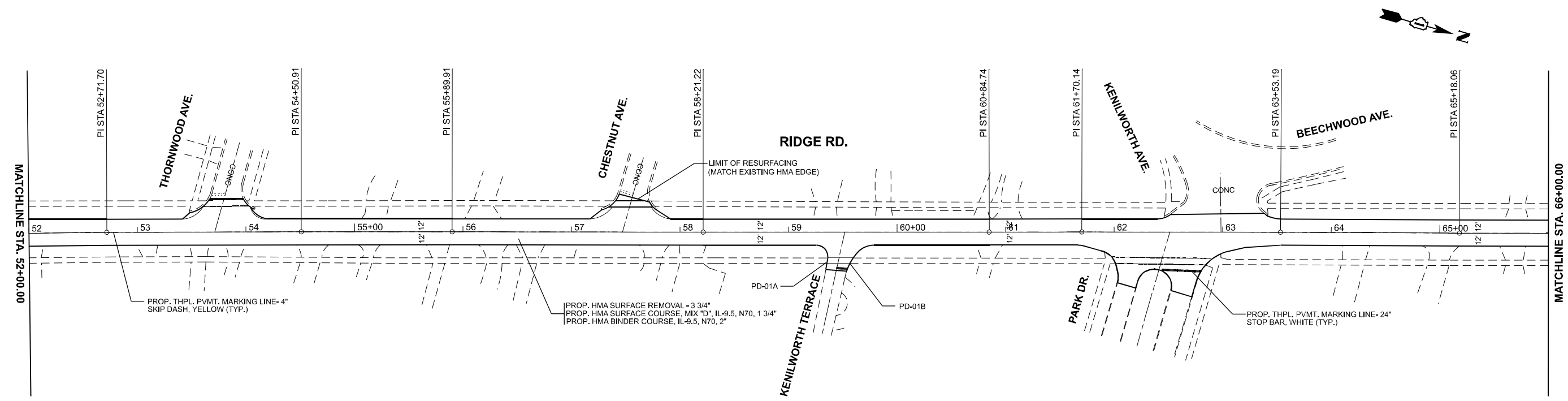
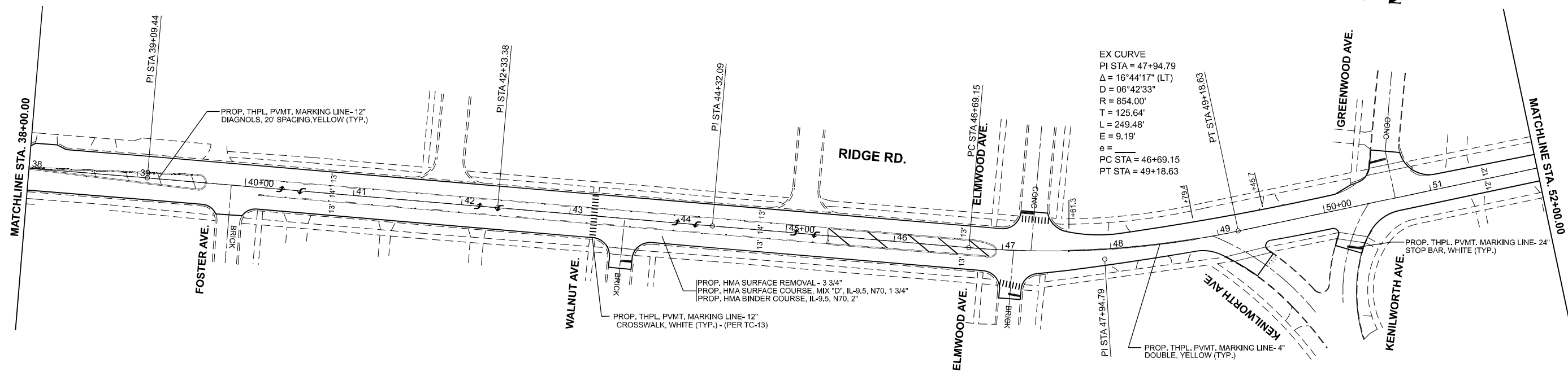
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/20/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CHURCH RD. (N. OF MACLEAN AVE. TO S. OF CENTRAL AVE.)
EXISTING AND PROPOSED TYPICAL SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	6
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				



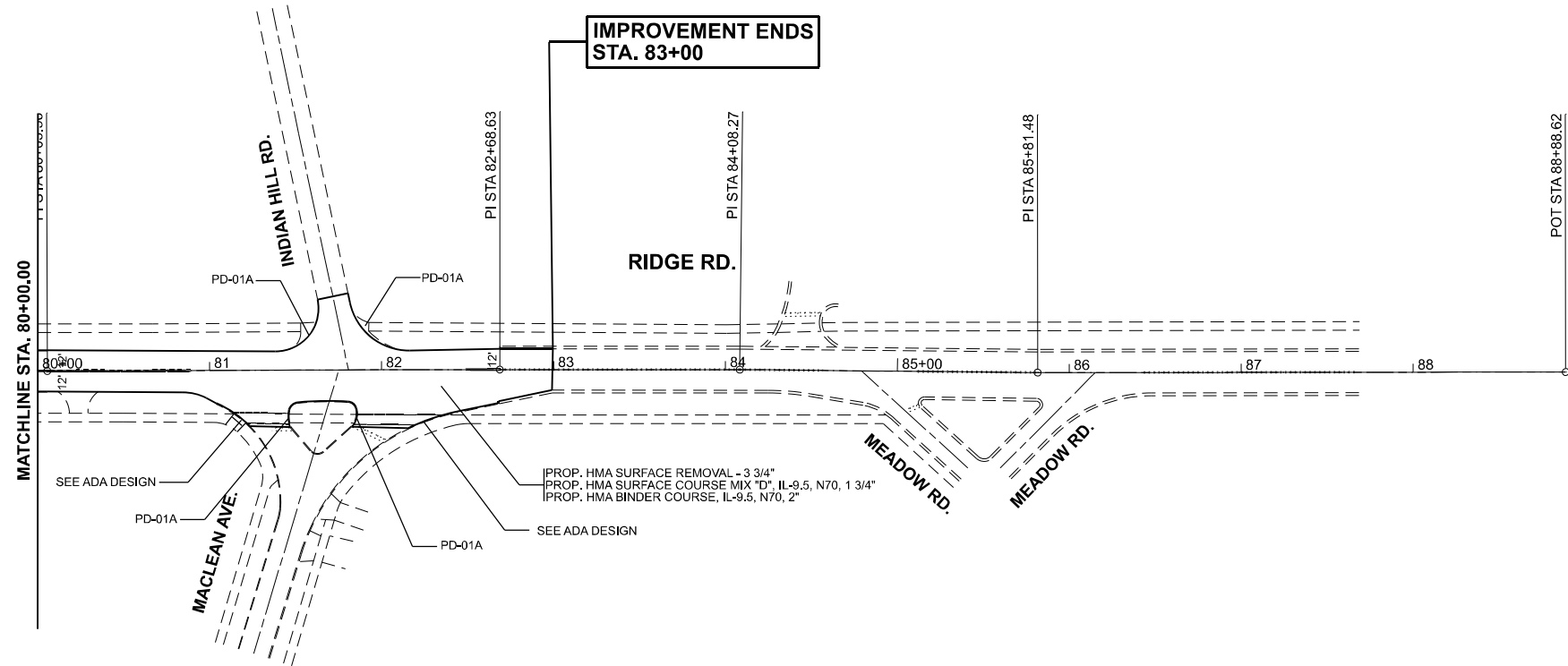
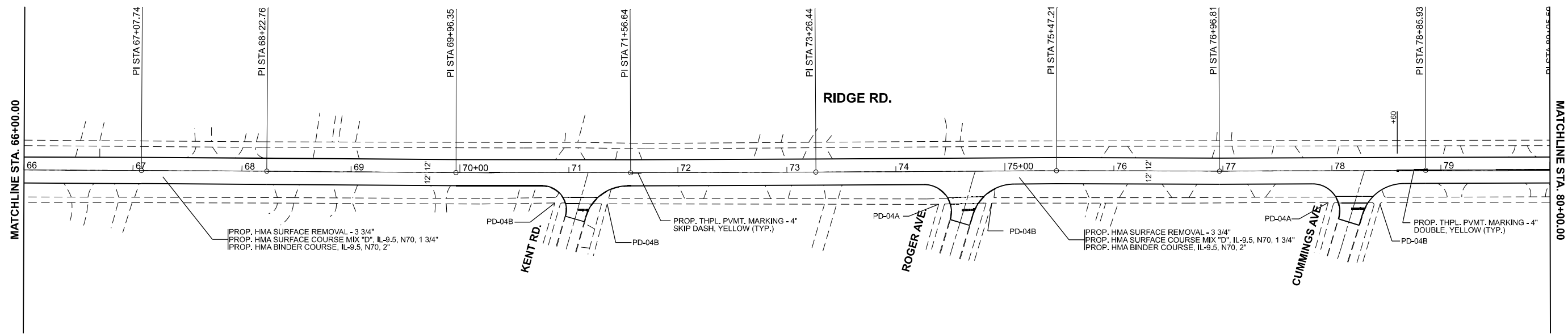
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USER NAME = Addis.Abebaw	DESIGNED -	REVISED -	REV. 2/24/26 AA
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/27/2026	DATE -	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
CHURCH RD./RIDGE RD. (N. OF MACLEAN AVE. TO WILMETTE AVE.)			
SCALE: 1"=50'	SHEET 3	OF 4 SHEETS	STA. 38+00.00 TO STA. 66+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	8
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				



**ROADWAY PLAN
ROADWAY PLAN**

MODEL: RIDGE - RdwyPlan05 (Sheet)
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USER NAME = Addis.Abebaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

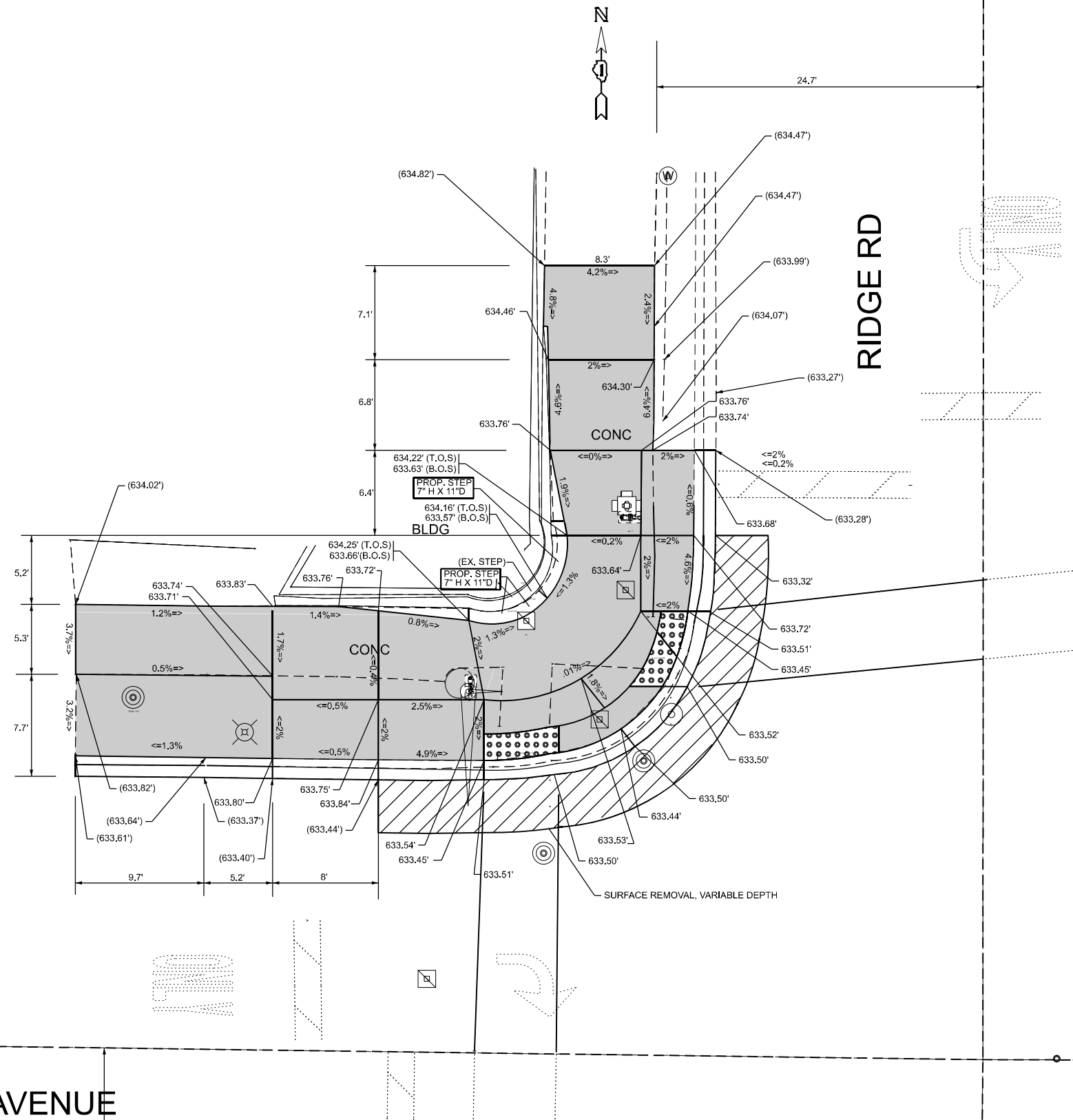
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CHURCH ST. (MACLEAN AVE. TO CENTRAL AVE.)
ROADWAY PLAN**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 66+00.00 TO STA. 94+00.00

F.A.P. RTE. 3520	SECTION 2024-1024-RS	COUNTY COOK	TOTAL SHEETS 35	SHEET NO. 9
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				

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LAKE AVENUE

LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK: ELEV. 634.143
 BENCH MARK: "□" AT SW CORNER AT TCB
 LOCATION: NE CORNER OF RIDGE RD. AT LAKE ST.

USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

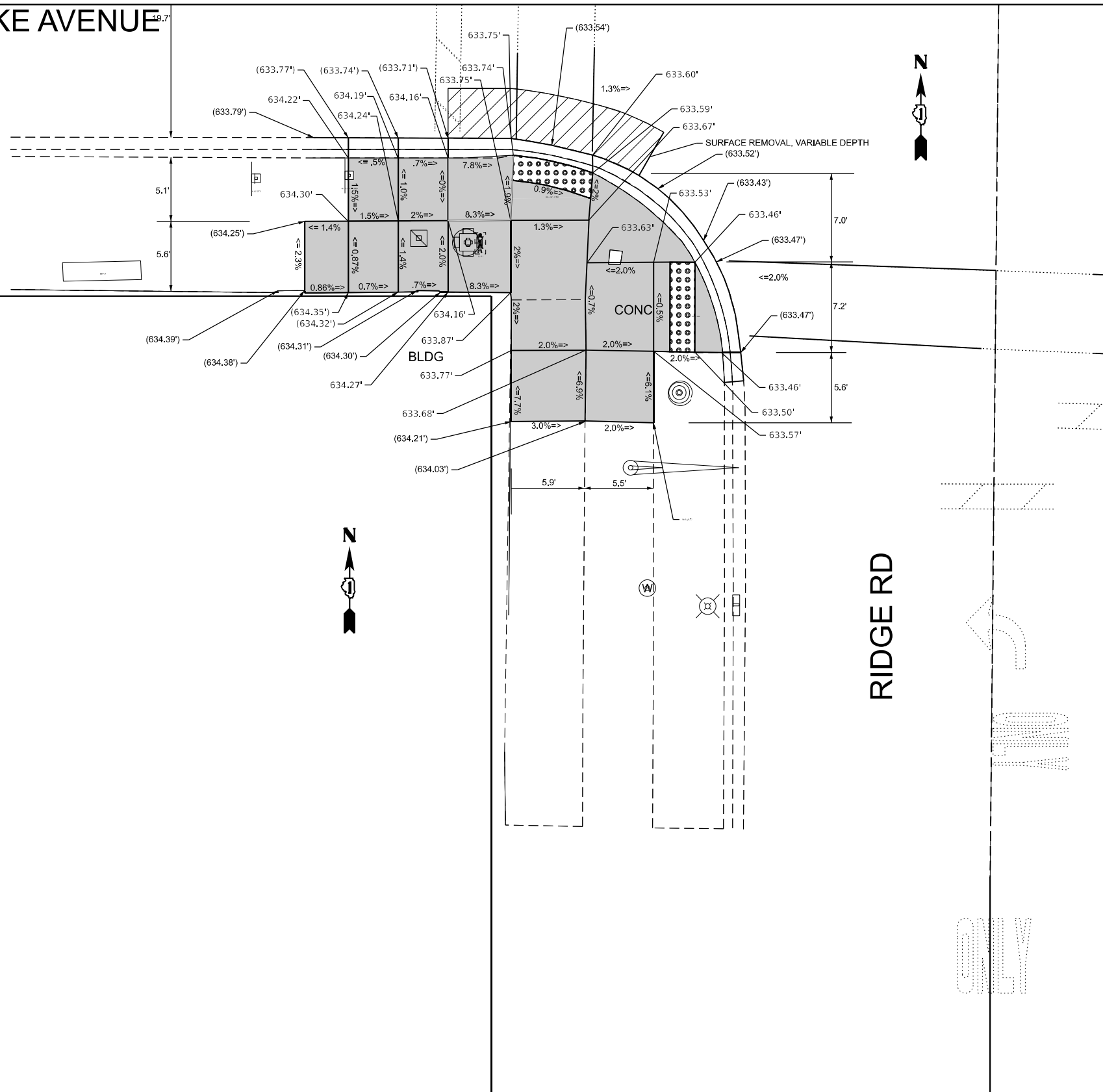
CHURCH RD./RIDGE RD. AT LAKE ST.
 ADA DESIGN (NW CORNER)

SCALE: 1"=50'

SHEET 000 OF SHEETS STA. 0+00.00 TO STA. 0+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	10
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				

LAKE AVENUE



RIDGE RD

100 ONLY

LEGEND

EXISTING LENGTH

PROPOSED SIDE CURB

() EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK: ELEV. 634.143
BENCHMARK: "□" AT SW CORNER AT TCB
LOCATION: NE CORNER RIDGE RD. AT LAKE ST.

MODEL: Plan Single (Sheet)
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USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

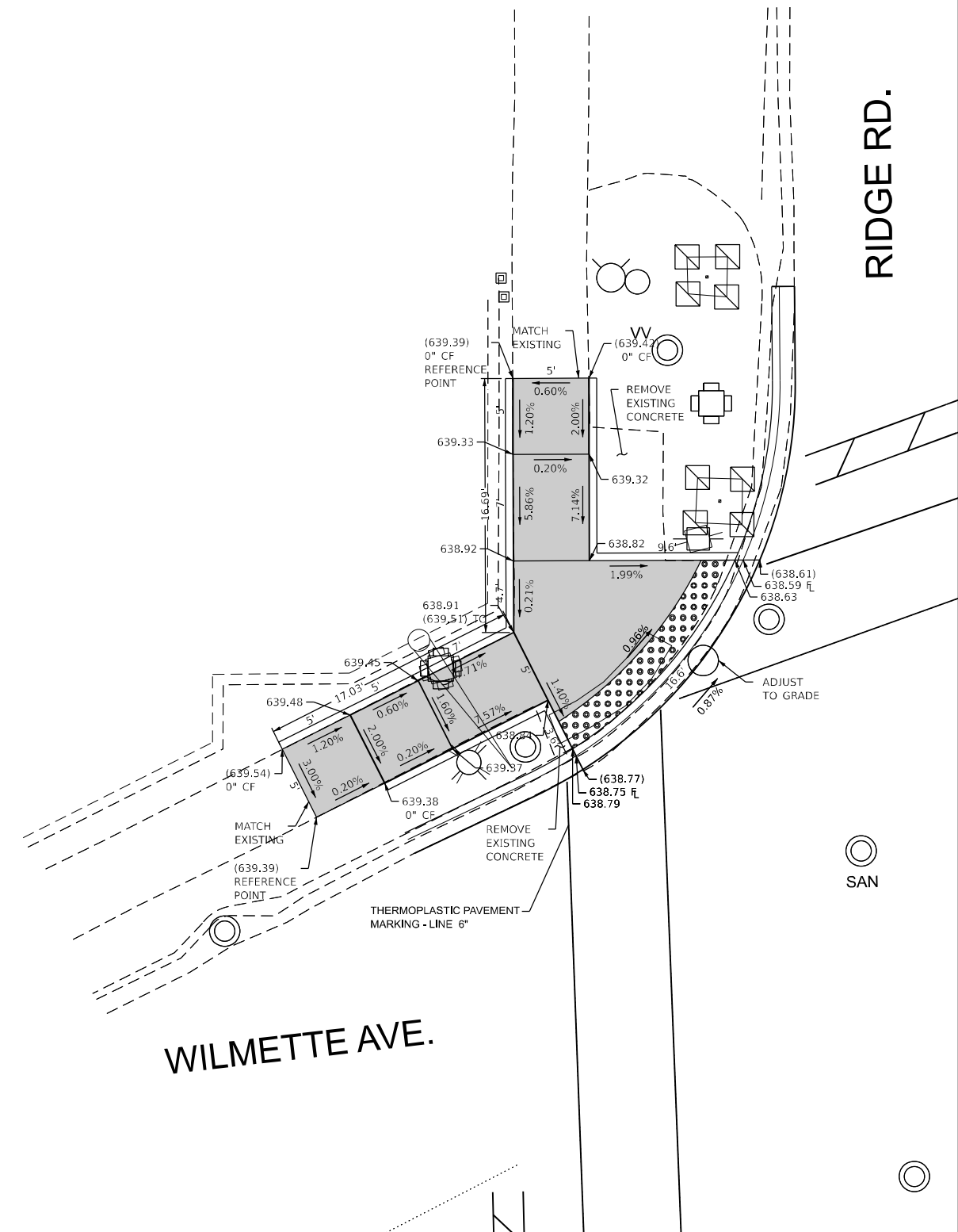
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CHURCH RD./RIDGE RD. AT LAKE ST.
ADA DESIGN (SW CORNER)

SCALE: 1"=50' SHEET 000 OF SHEETS STA. 0+00.00 TO STA. 0+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	12
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				

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LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK: ELEV. 641.75

BENCHMARK: N. BONNET BOLT

LOCATION: NW CORNER OF CHURCH RD./RIDGE RD. AT WILMETTE AVE.

USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

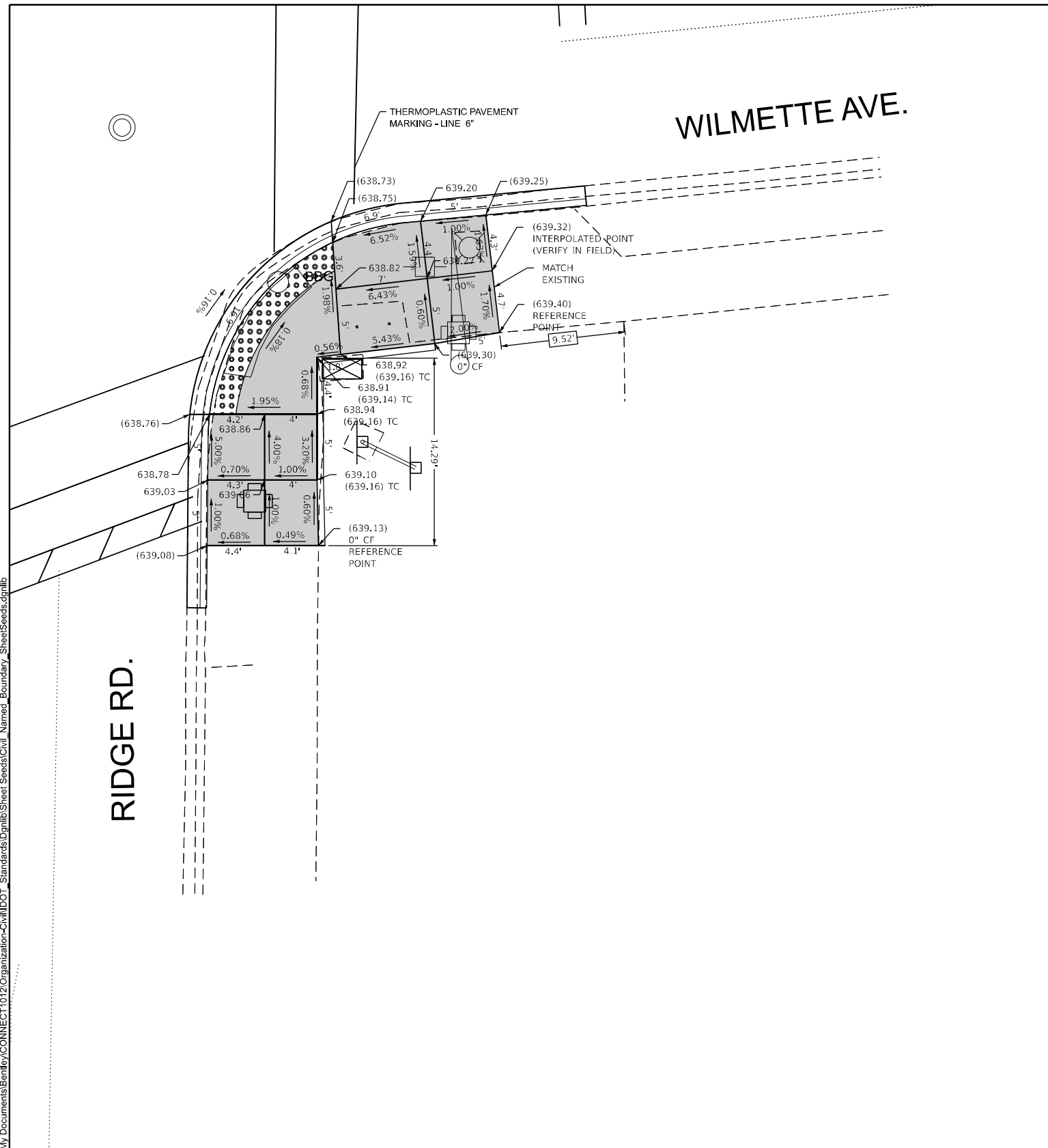
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CHURCH RD./RIDGE RD. AT WILMETTE AVE.
 ADA DESIGN (NW CORNER)**

SCALE: 1"=50' SHEET 000 OF SHEETS STA. 0+00.00 TO STA. 0+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	16
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				

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LEGEND

xx.xx'

EXISTING LENGTH

PROPOSED SIDE CURB

() EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK: ELEV. 641.75

BENCHMARK: N. BONNET BOLT

LOCATION: NW CORNER OF CHURCH RD./RIDGE RD. AT WILMETTE AVE.

USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CHURCH RD./RIDGE RD. AT WILMETTE AVE.
 ADA DESIGN (SE CORNER)**

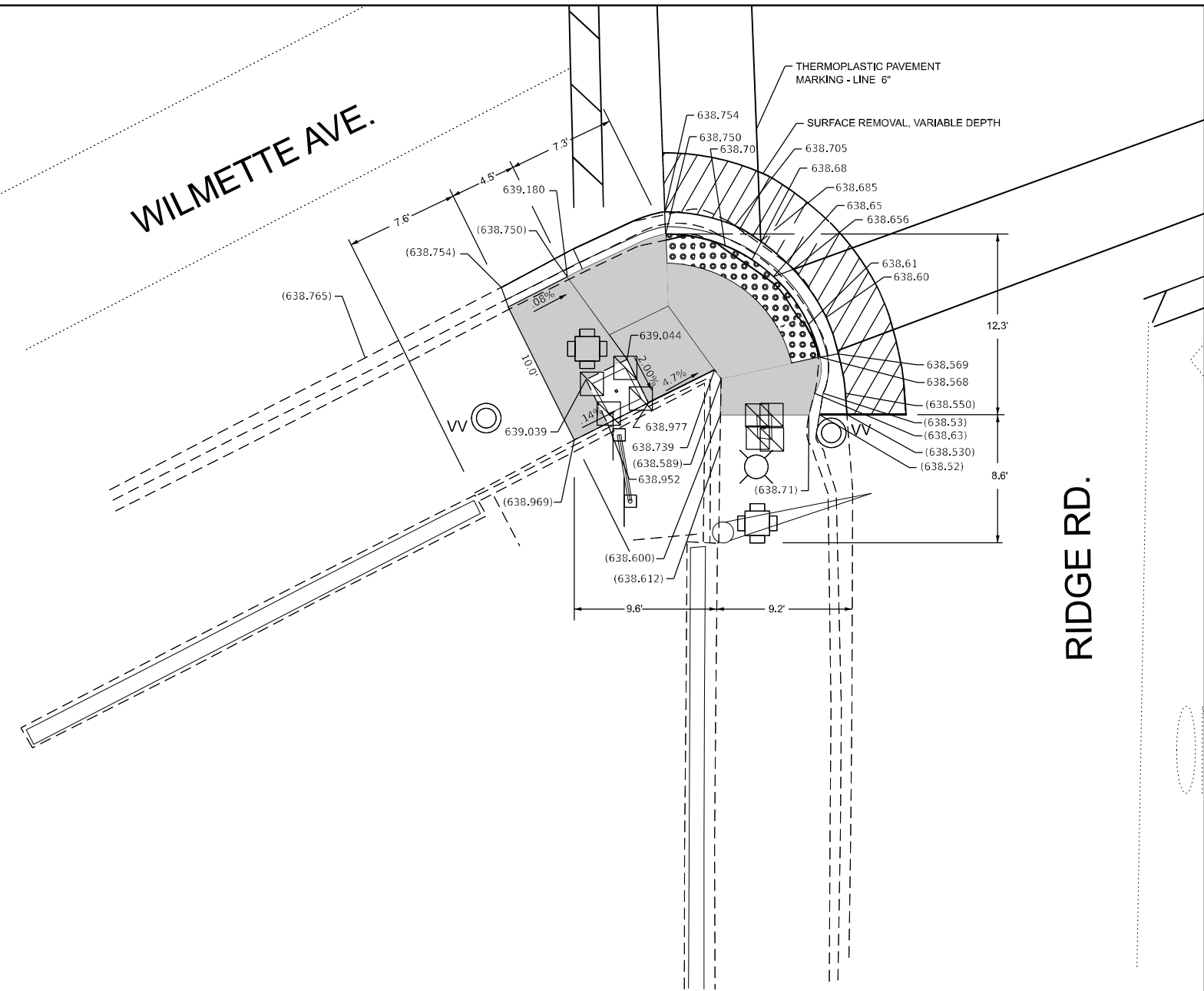
SCALE: 1"=50' SHEET 000 OF SHEETS STA. 0+00.00 TO STA. 0+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	17
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				

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WILMETTE AVE.

RIDGE RD.



LEGEND

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

REFERENCE BENCHMARK: 641.75
 BENCHMARK: N. BONNET BOLT
 LOCATION: NW CORNER OF CHURCH RD./RIDGE RD. AT WILMETTE AVE.

USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

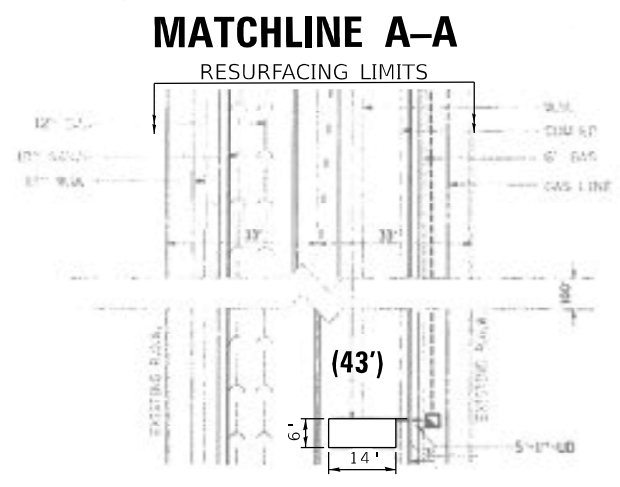
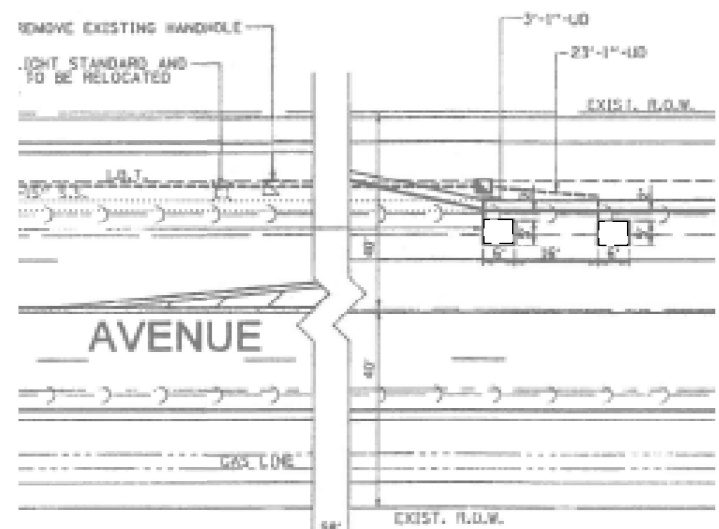
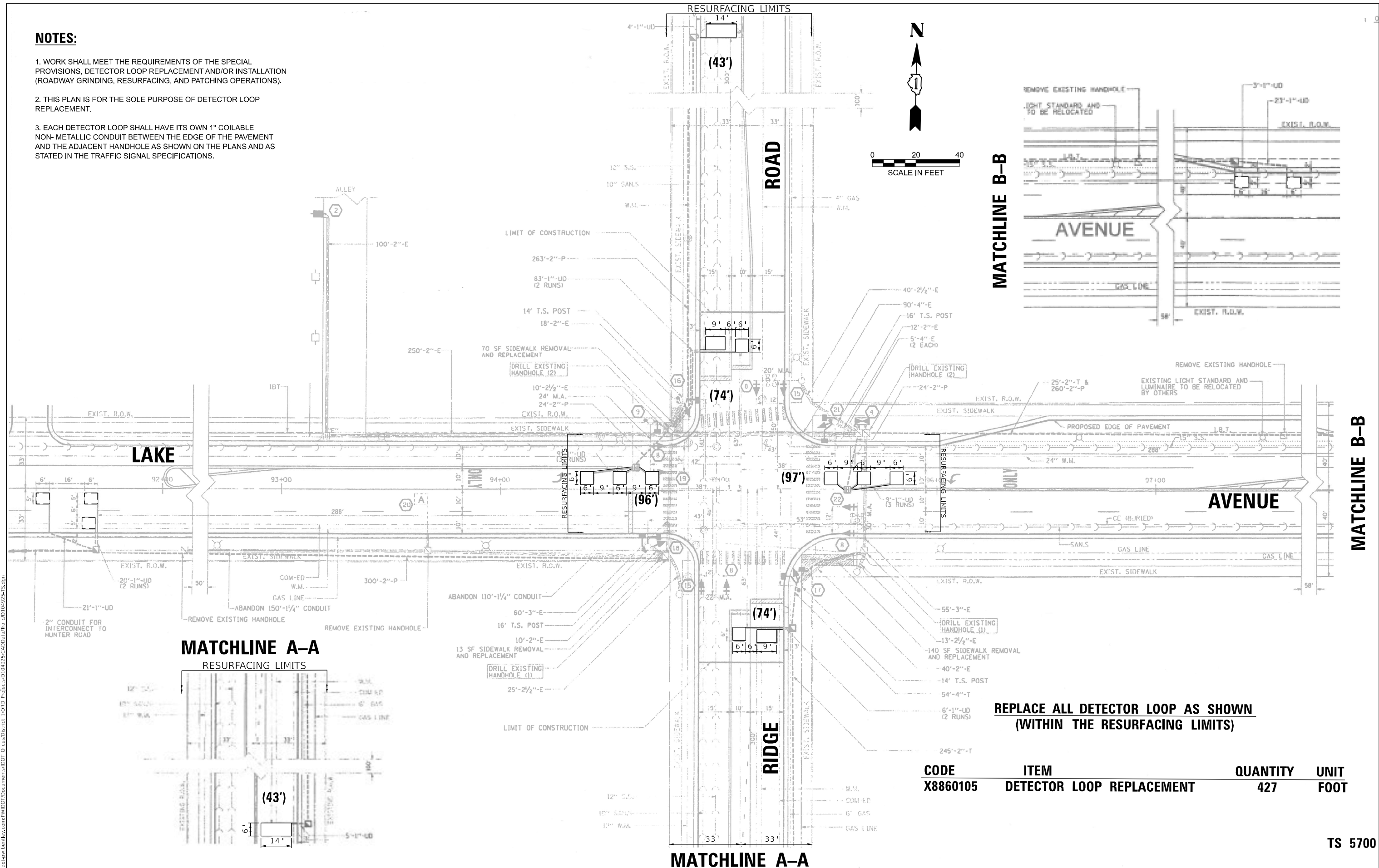
CHURCH RD./RIDGE RD. AT WILMETTE AVE.
 ADA DESIGN (SW CORNER)

SCALE: 1"=50' SHEET 000 OF SHEETS STA. 0+00.00 TO STA. 0+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	18
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.
3. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



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

CODE	ITEM	QUANTITY	UNIT
X8860105	DETECTOR LOOP REPLACEMENT	427	FOOT

TS 5700

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USER NAME = SalmanAhmed,Shahnawa	DESIGNED - SS	REVISED -
DRAWN - SS	CHECKED -	REVISED -
PLOT SCALE = 40,000' / in.	DATE - 10/02/2025	REVISED -
PLOT DATE = 12/16/2025		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

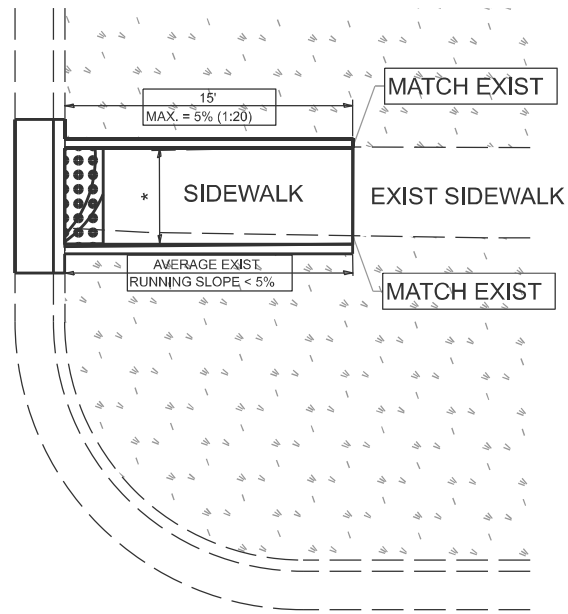
**DETECTOR LOOP REPLACEMENT PLAN
RIDGE ROAD AT LAKE AVENUE.**

SCALE: SHEET OF SHEETS STA. TO STA.

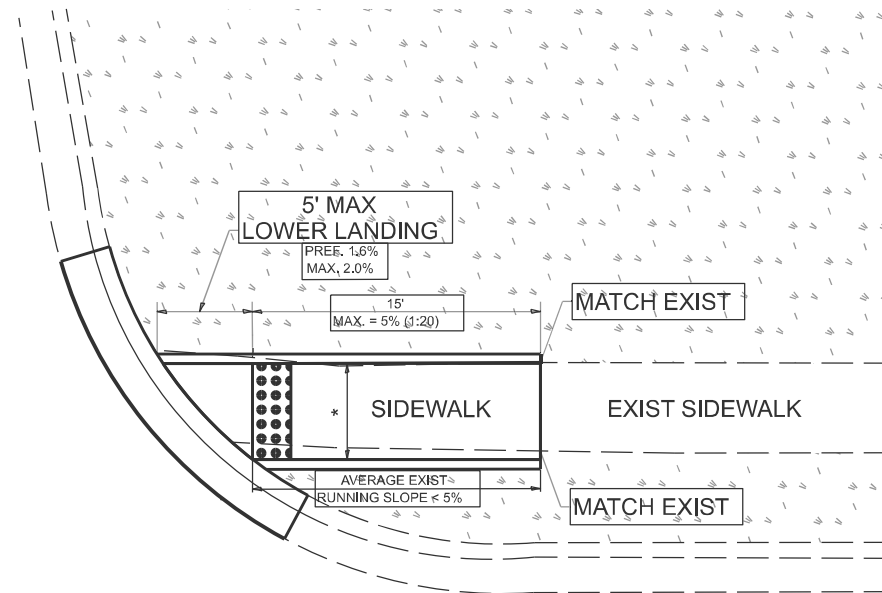
F.A.P. RTE. 3520	SECTION 2024-1024-RS	COUNTY COOK	TOTAL SHEETS 35	SHEET NO. 19
CONTRACT NO. 62X57				
ILLINOIS FED. AID PROJECT				

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

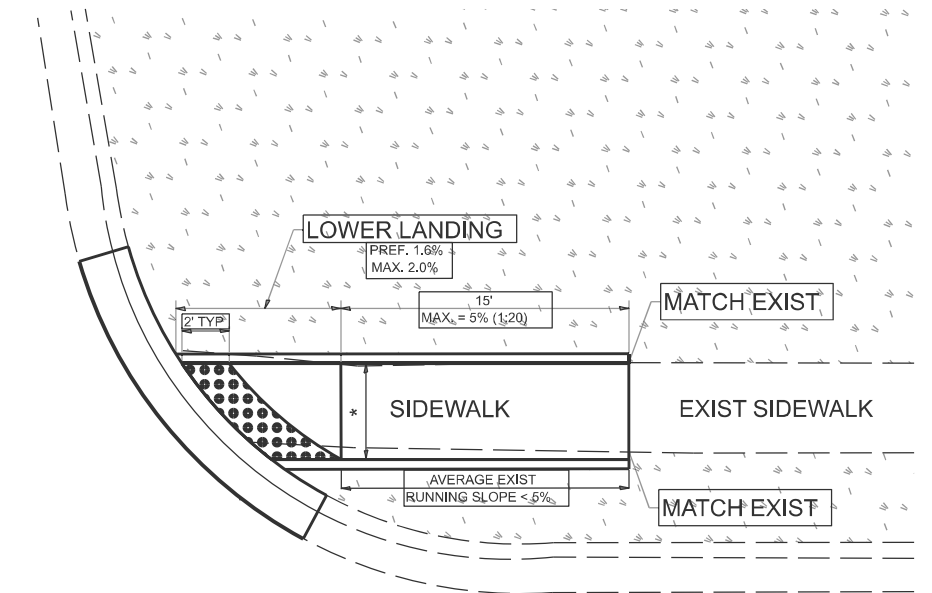
PD-01A



PD-01B



PD-01C



LEGEND

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

CONSTRUCTION NOTES:

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

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USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

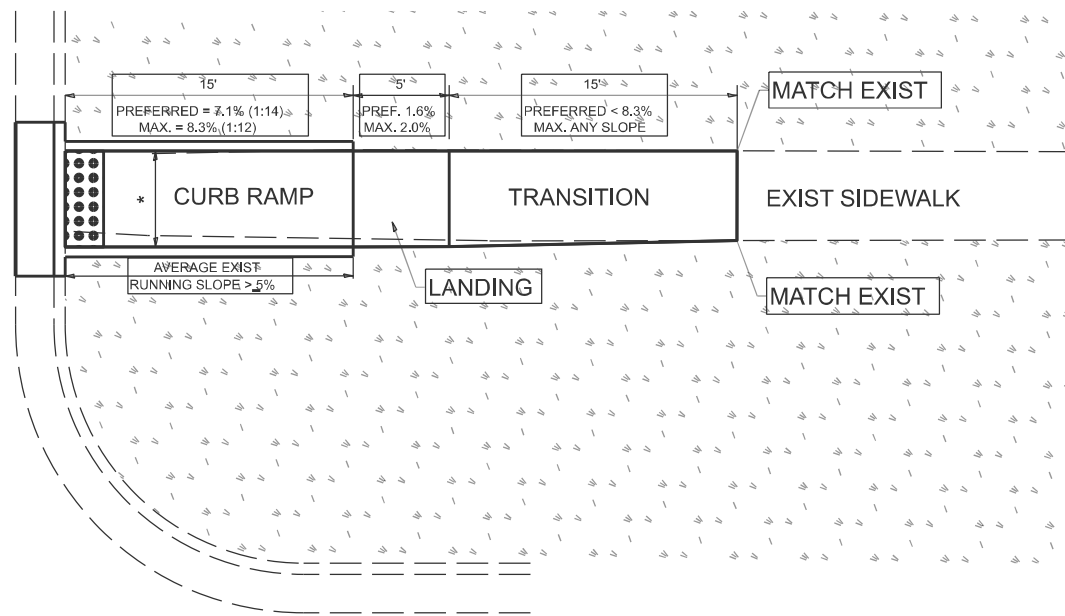
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)**

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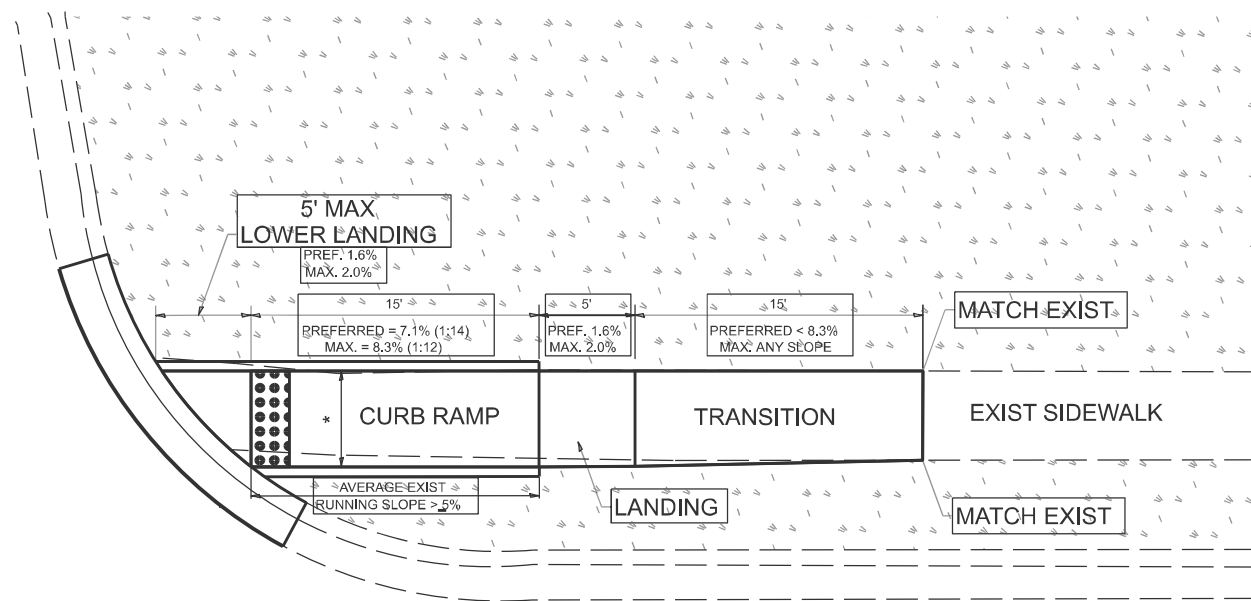
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PD-01			CONTRACT NO. 62X57	
ILLINOIS FED. AID PROJECT				

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

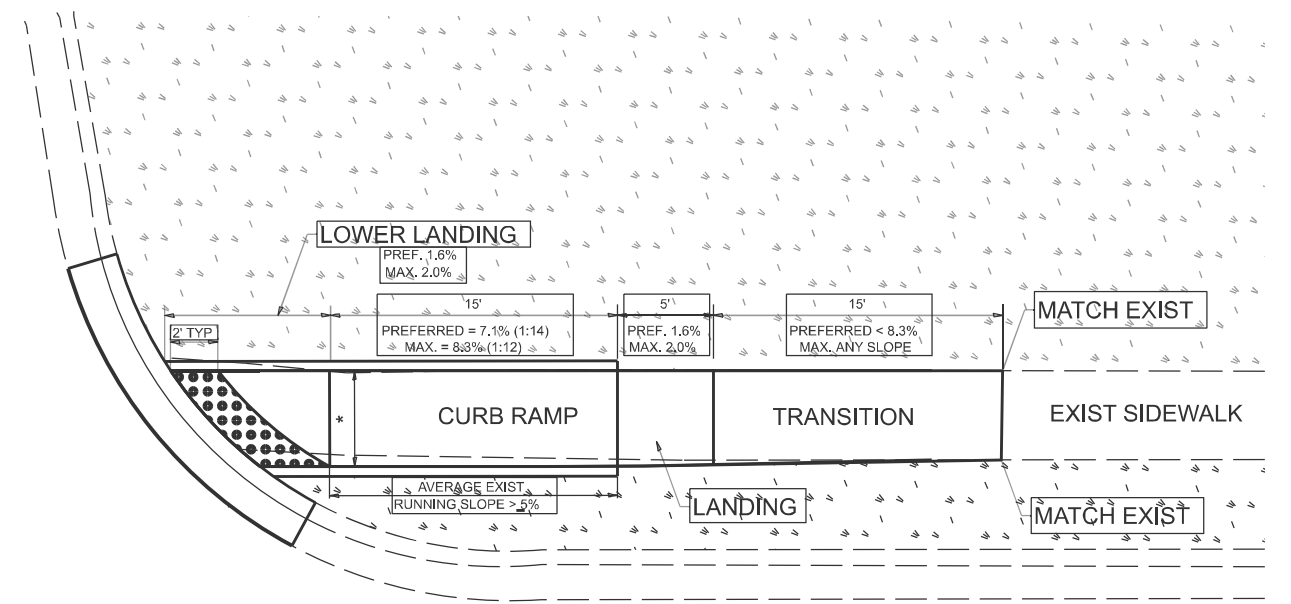
PD-02A



PD-02B



PD-02C



LEGEND

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

CONSTRUCTION NOTES:

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

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USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

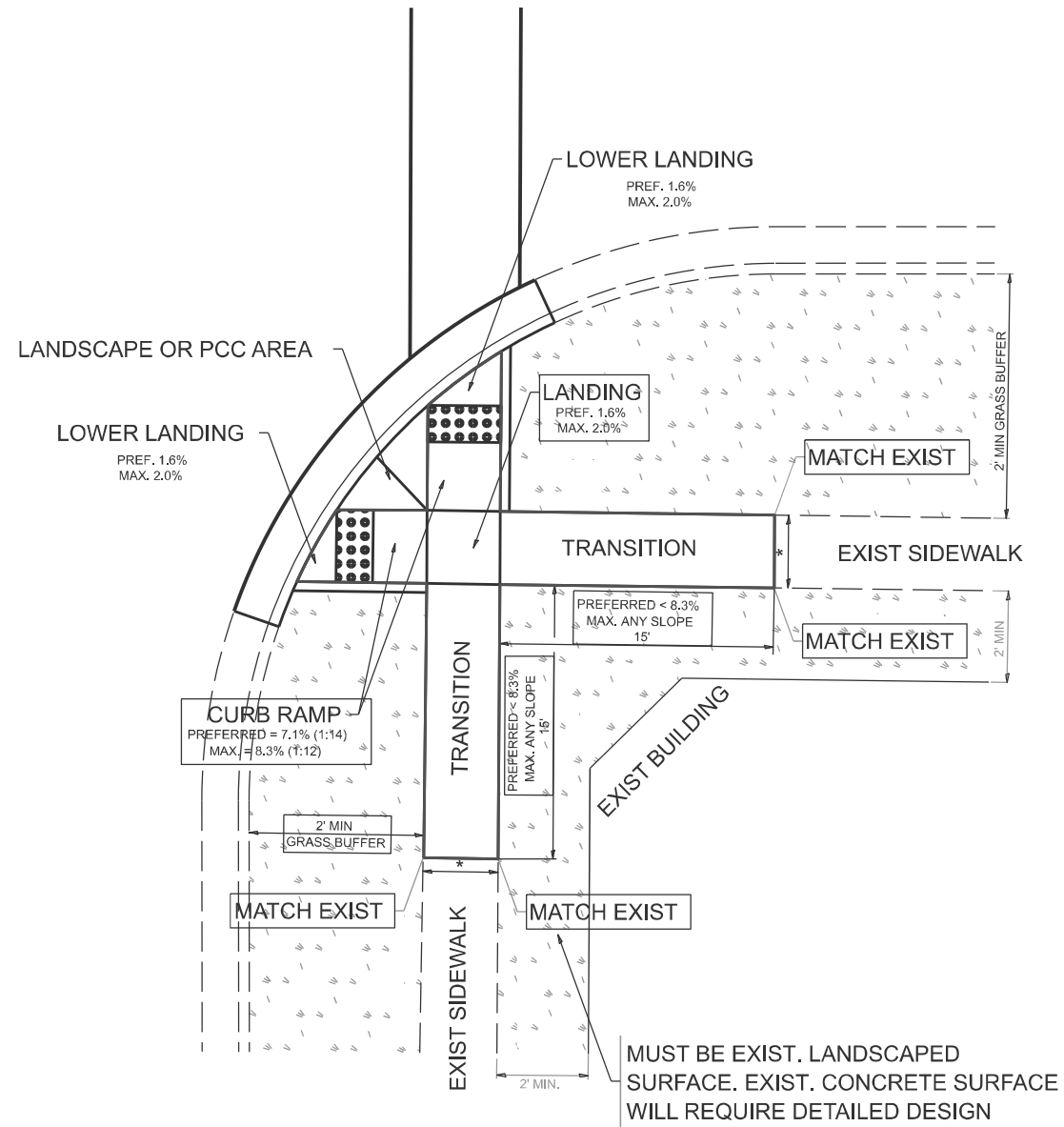
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-02)**

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

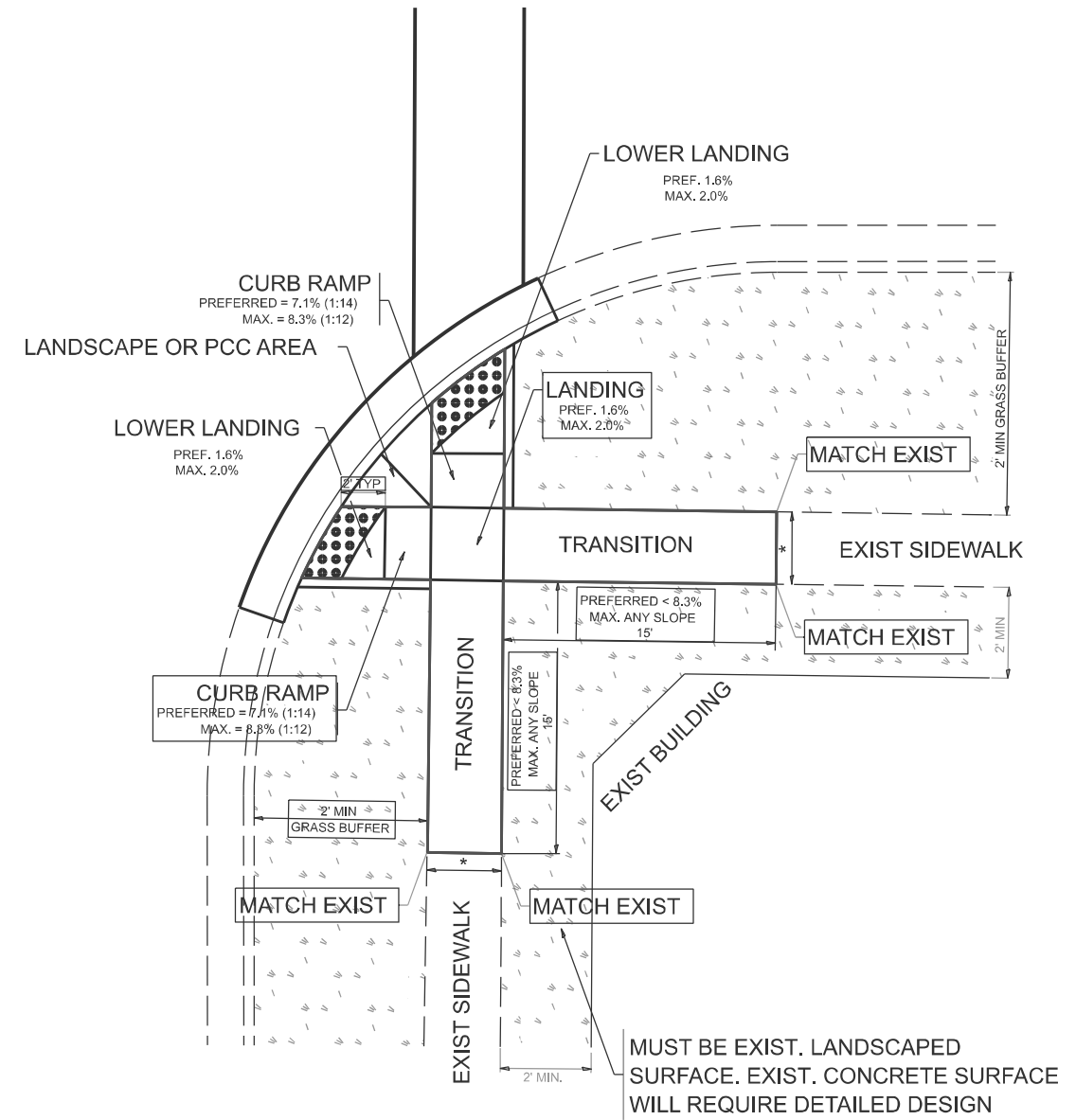
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3520	2024-1024-RS	COOK	35	22
PD-02			CONTRACT NO. 62X57	
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



LEGEND

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

CONSTRUCTION NOTES:

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

MODEL: Plan Single Sheet
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USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

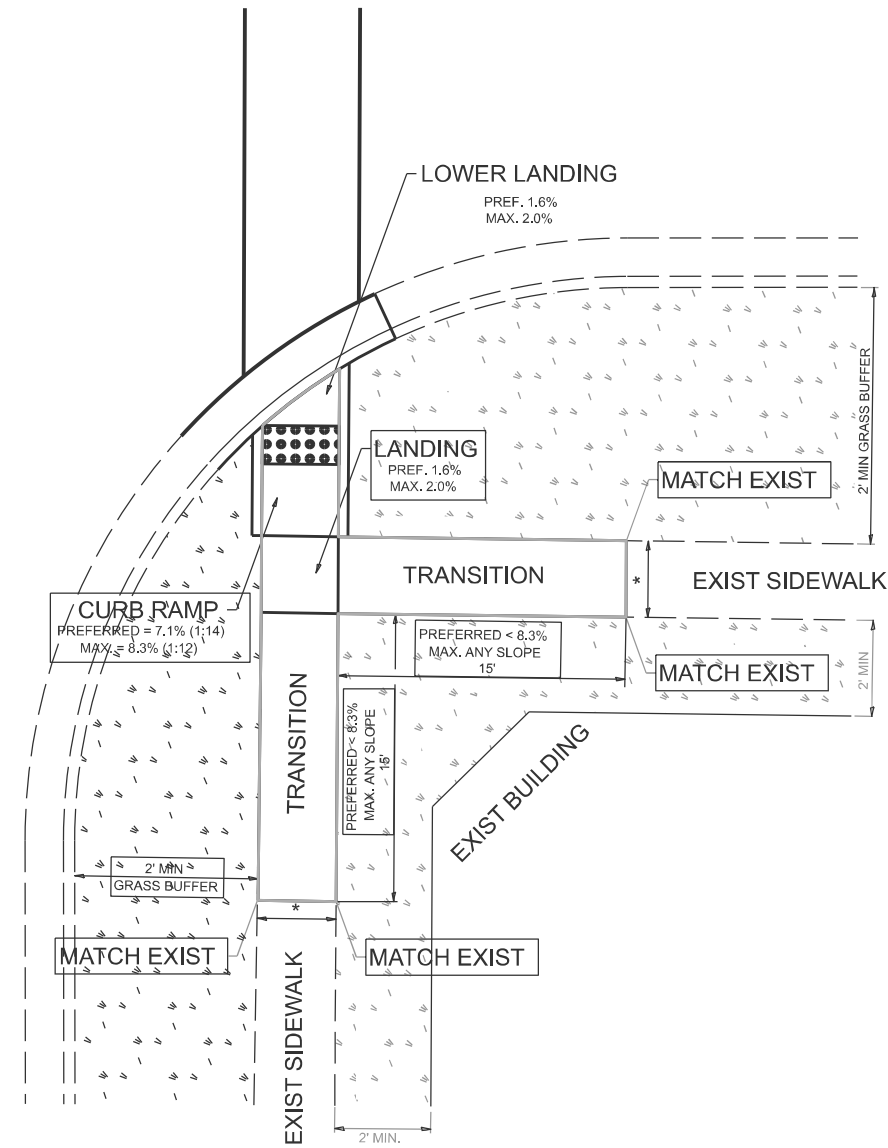
**PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS
(PD-03)**

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

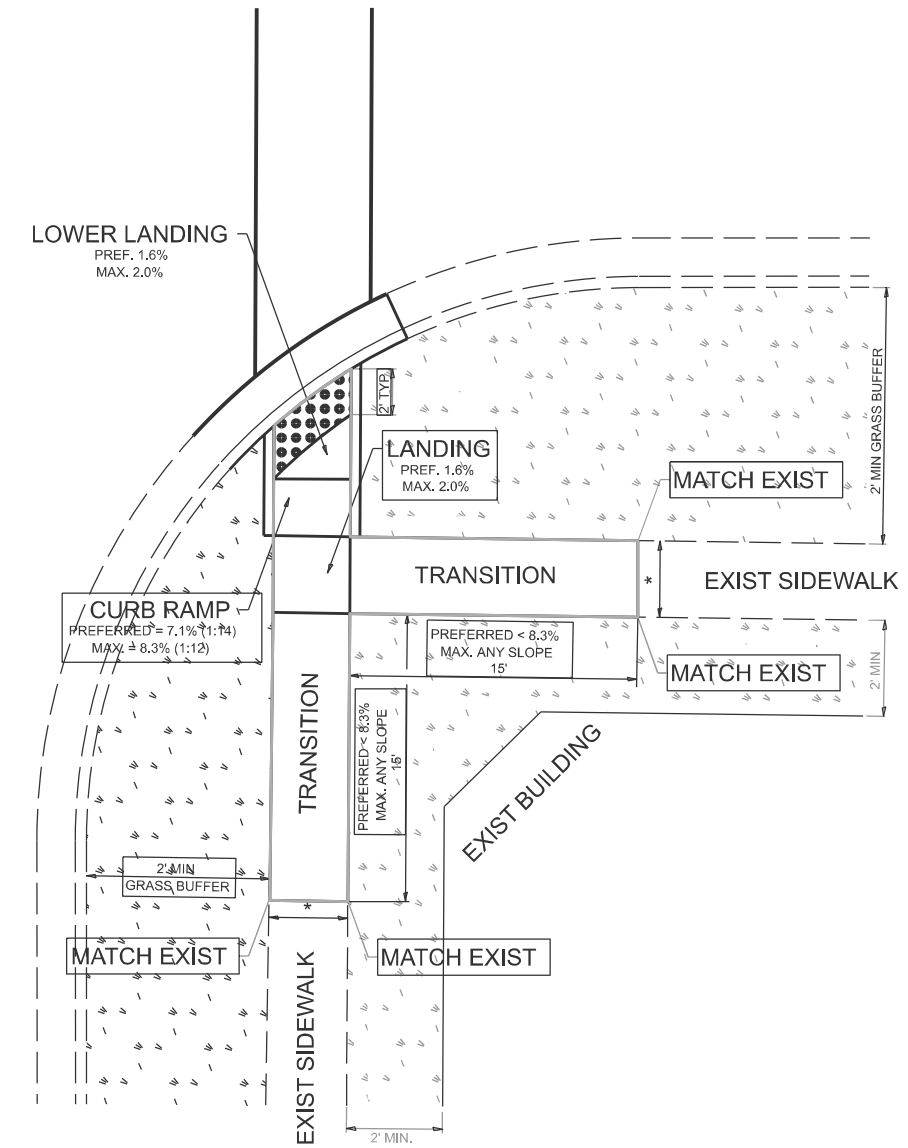
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3520	2424-1024-RS	COOK	35	23
PD-03		CONTRACT NO. 62X57		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



LEGEND

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

CONSTRUCTION NOTES:

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

MODEL: Plan Single (Sheet)
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USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

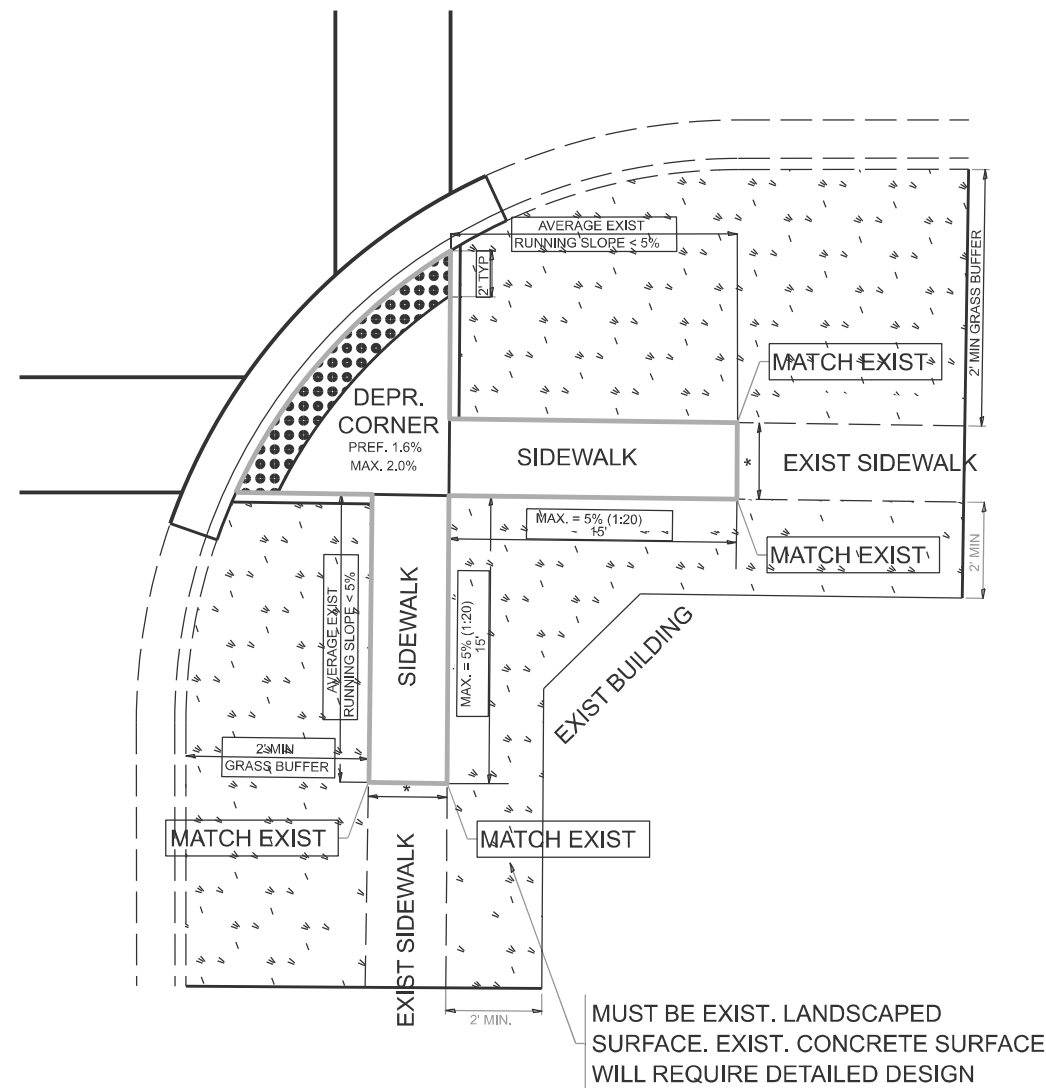
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH
TURNING SPACE (PD-04)**

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

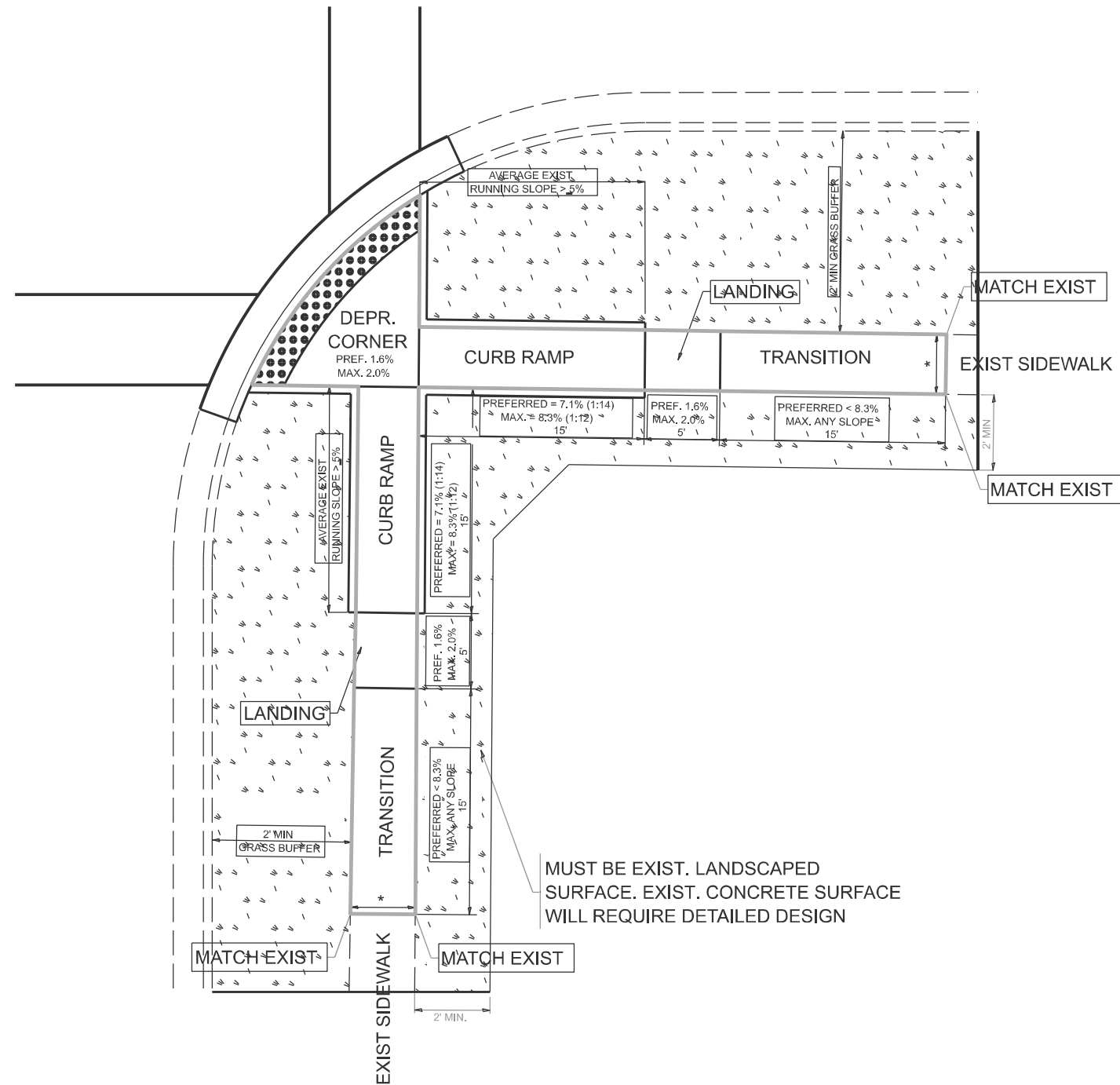
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3520	2024-1024-RS	COOK	35	24
PD-04		CONTRACT NO. 62X57		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

PD-05A



PD-05B



LEGEND

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

CONSTRUCTION NOTES:

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

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USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

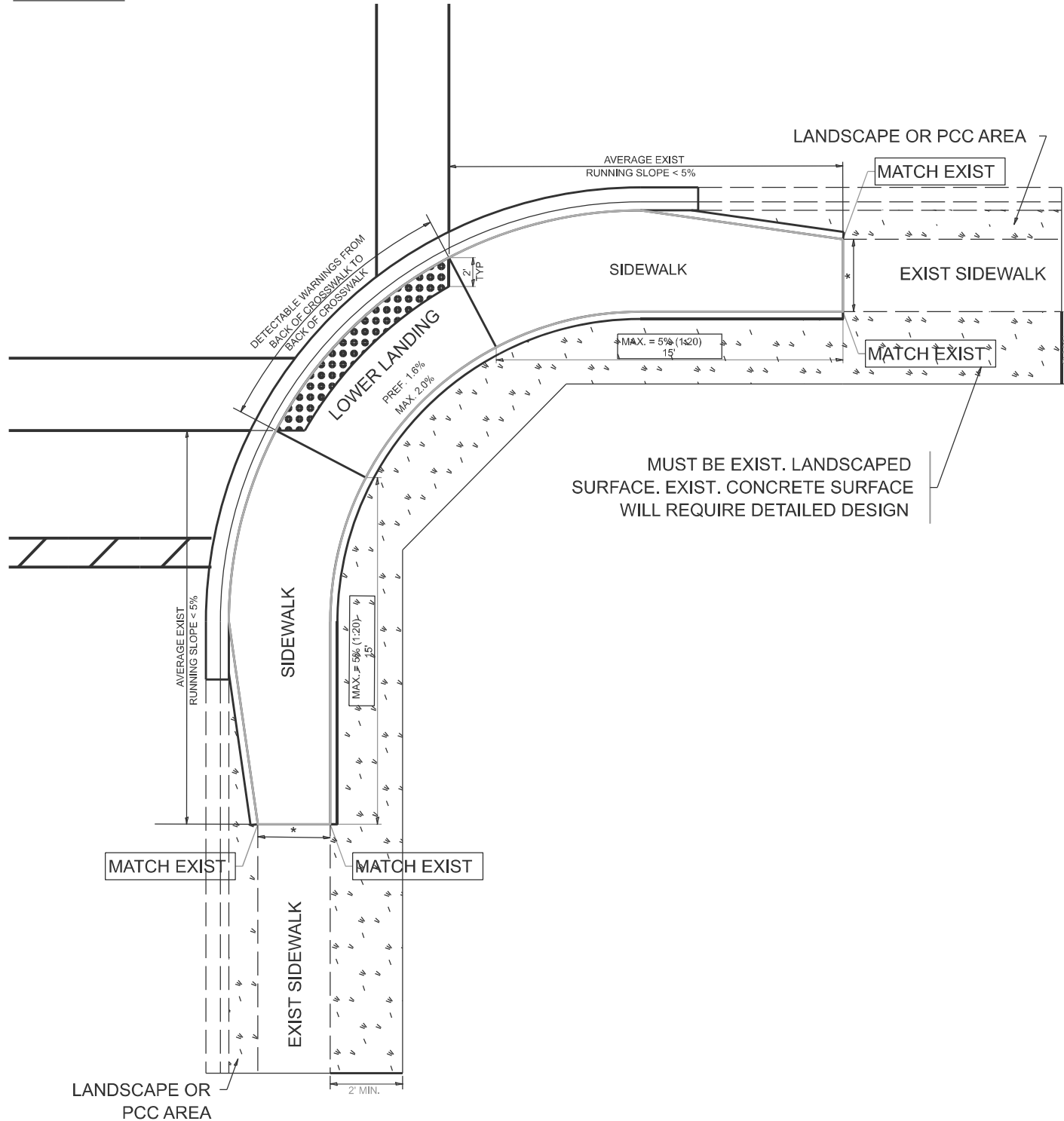
**PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS
(PD-05)**

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

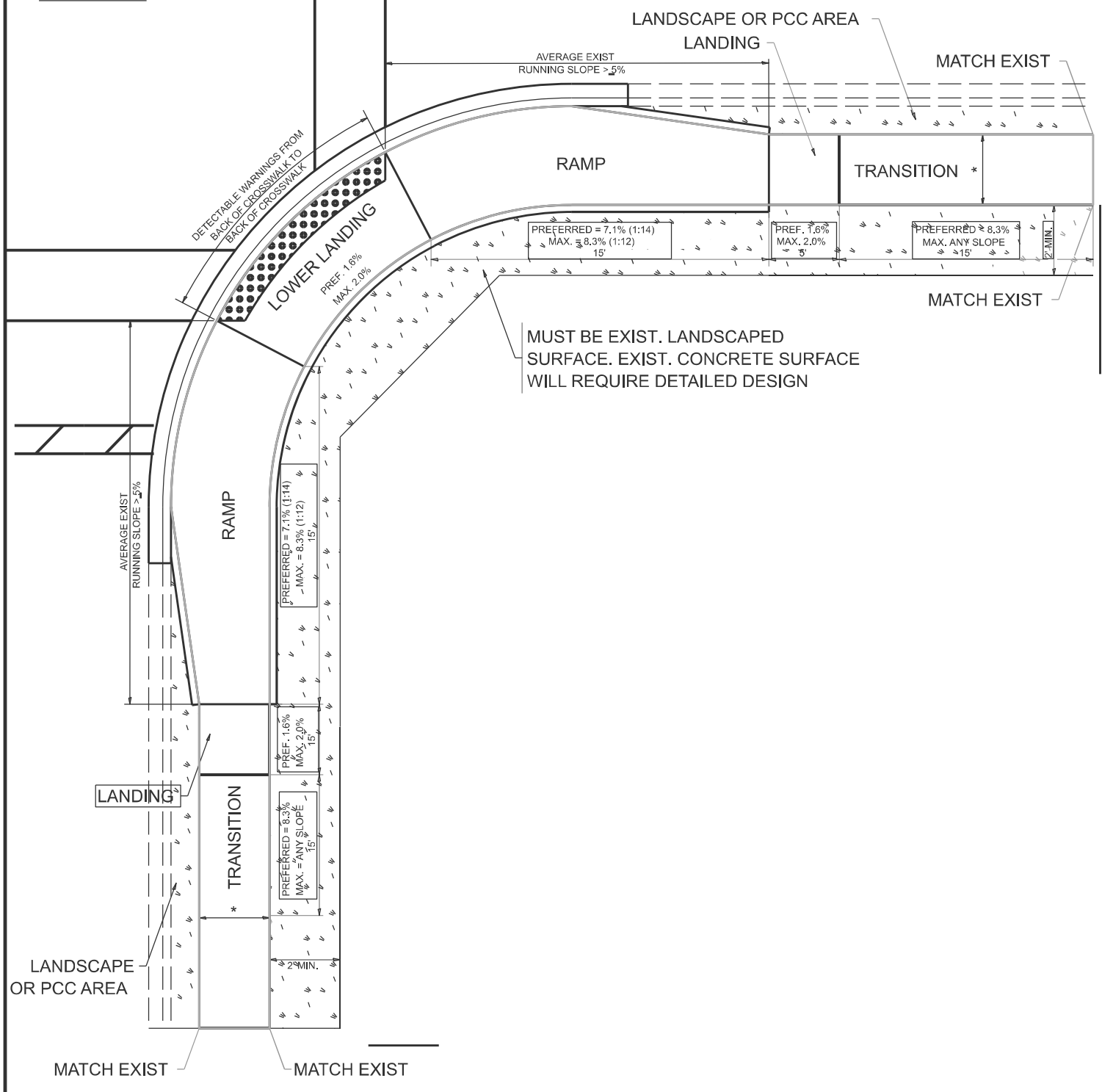
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3520	2024-1024-RS	COOK	35	25
PD-05		CONTRACT NO. 62X57		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING

PD-06A



PD-06B



LEGEND

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

CONSTRUCTION NOTES:

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

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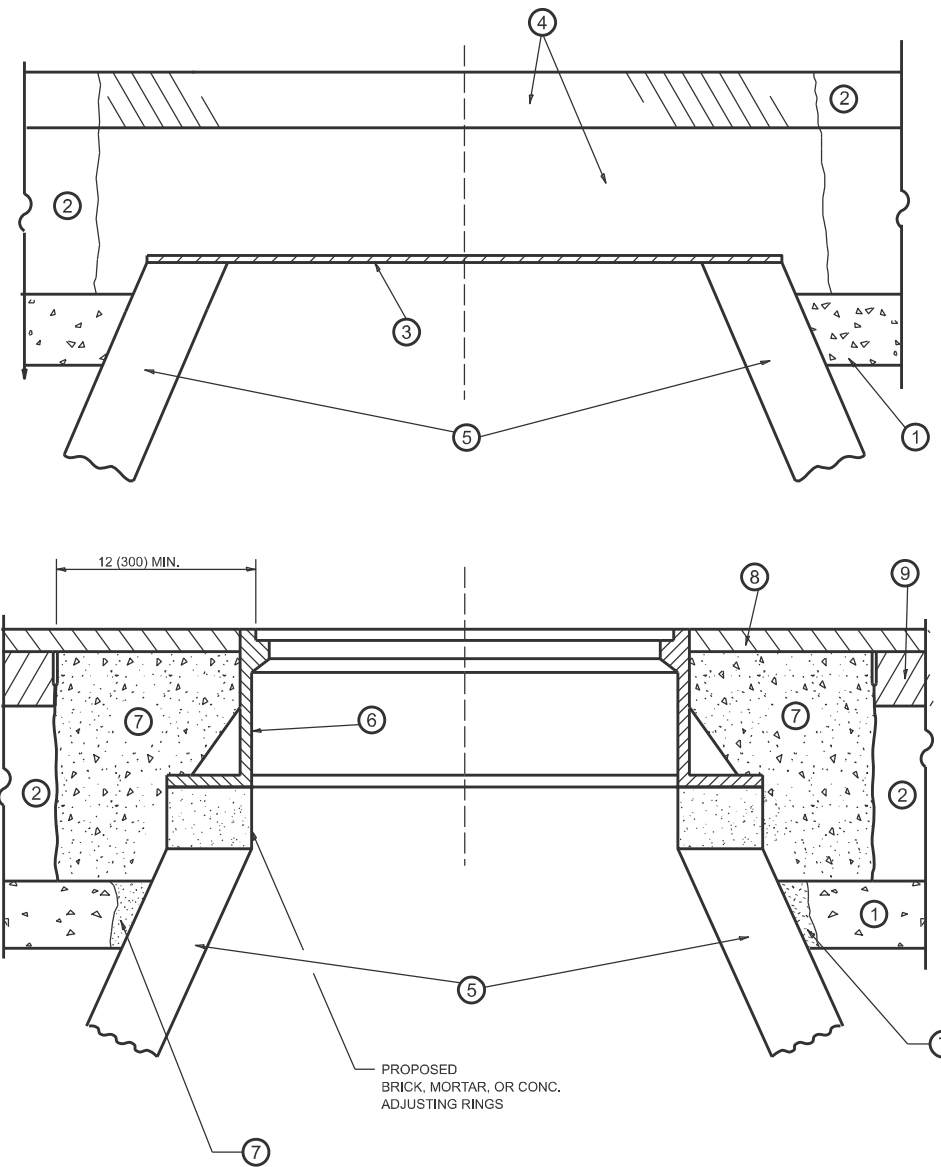
USER NAME = Eric.L.Thomas	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE - 10/02/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR PARALLEL CURB RAMPS
(PD-06)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	26
PD-06		CONTRACT NO. 62X57		
ILLINOIS FED. AID PROJECT				



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

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.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

- REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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USER NAME = Eric.L.Thomas	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
	DRAWN - R. BORO 12-06-11	REVISED - R. BORO 12-06-11
	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 8/20/2024	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

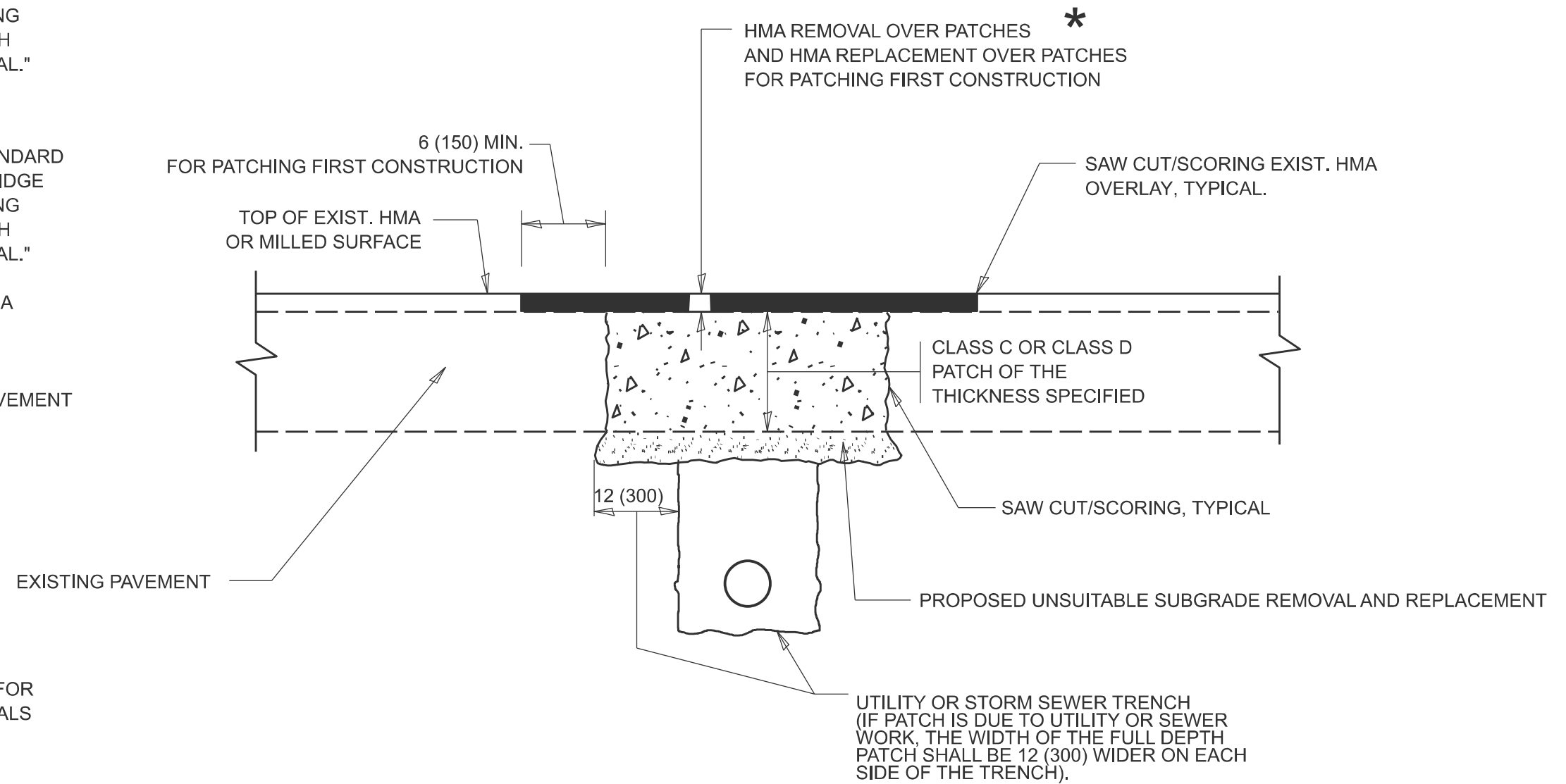
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	27
BD600-03 (BD-08)		CONTRACT NO. 62X57		
ILLINOIS FED. AID PROJECT				

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 ½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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USER NAME = Eric.L.Thomas	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
	DRAWN -	REVISED - R. BORO 09-04-07
	CHECKED -	REVISED - K. ENG 10-27-08
PLOT DATE = 8/20/2024	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

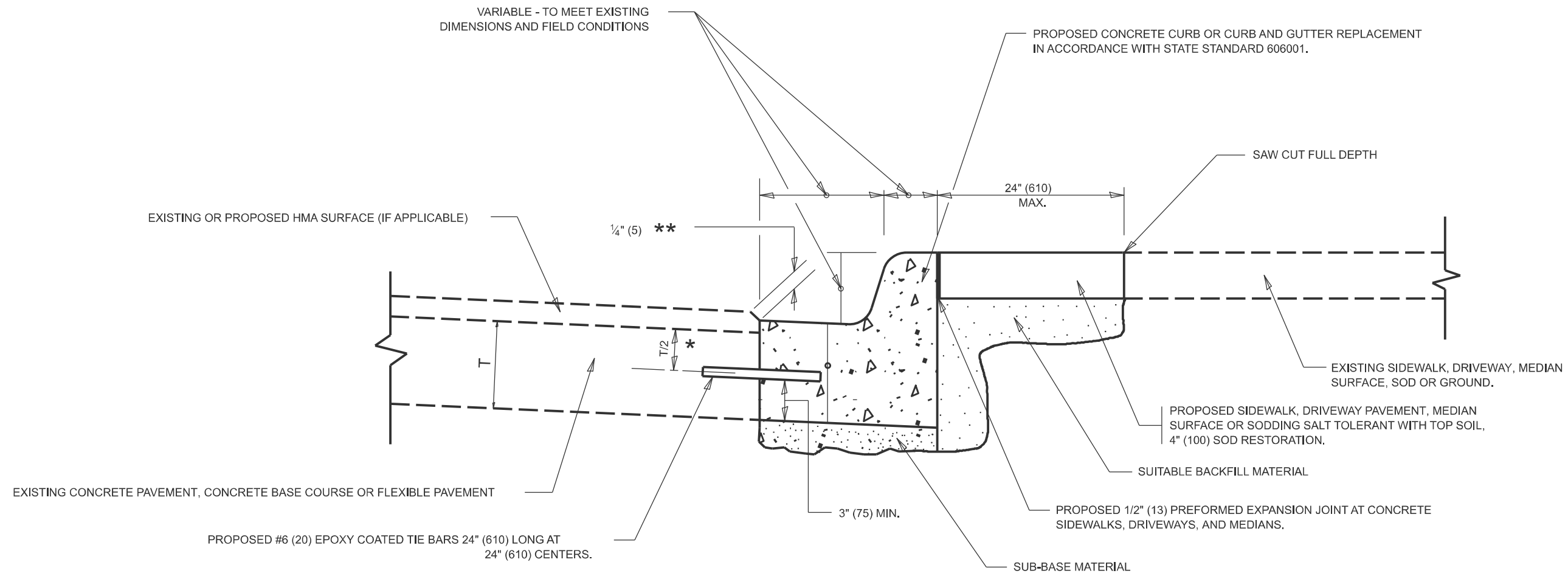
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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.
3520	2024-1024-RS	COOK	35	28
BD400-04 (BD-22)		CONTRACT NO. 62X57		
ILLINOIS FED. AID PROJECT				

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- * 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.

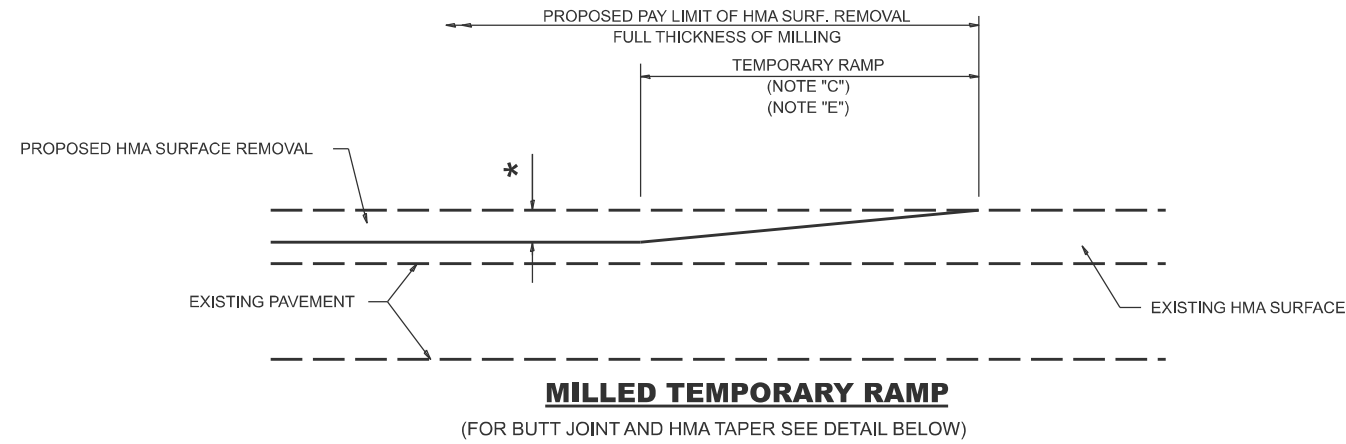
USER NAME = Eric.L.Thomas	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 8/20/2024	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

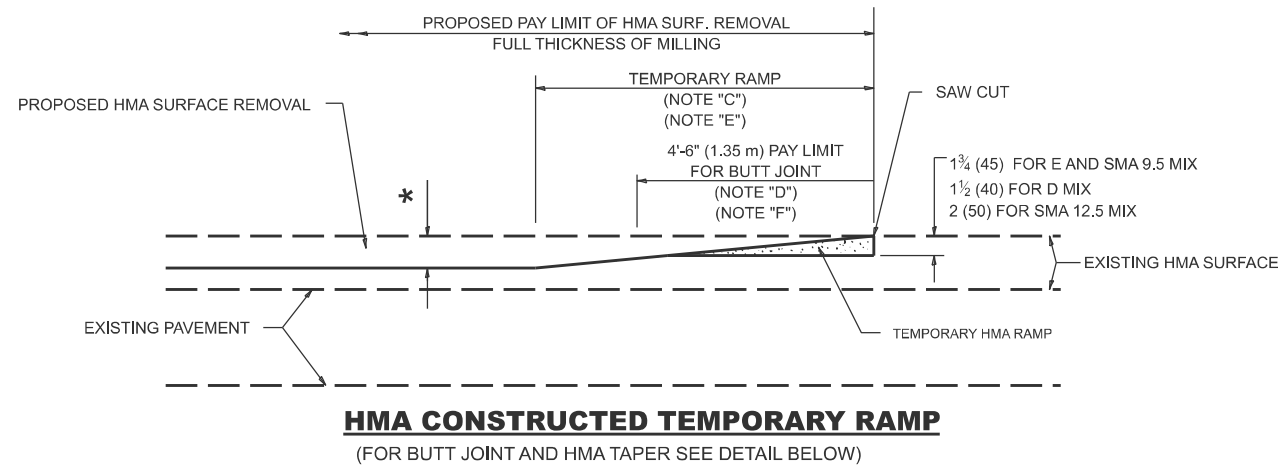
**CURB OR CURB AND GUTTER
 REMOVAL AND REPLACEMENT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD600-06 (BD-24)			CONTRACT NO. 62X57	
ILLINOIS FED. AID PROJECT				

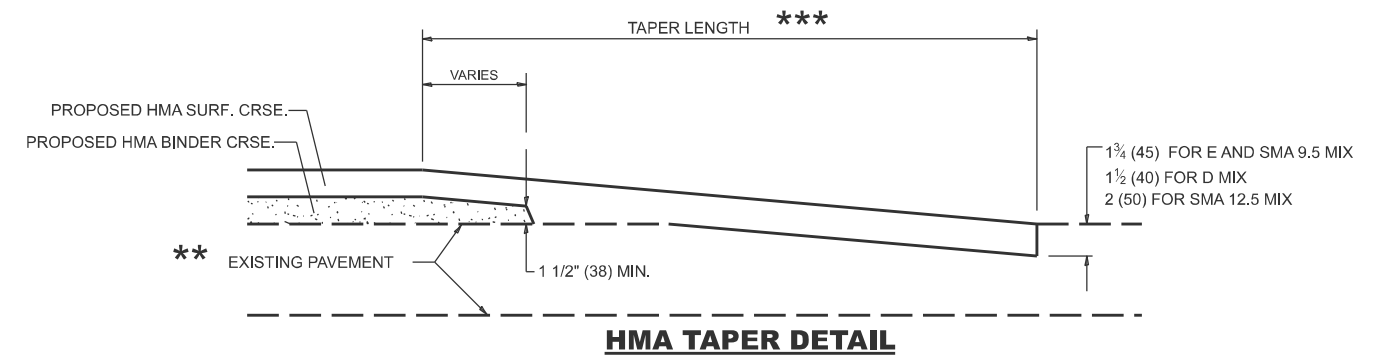
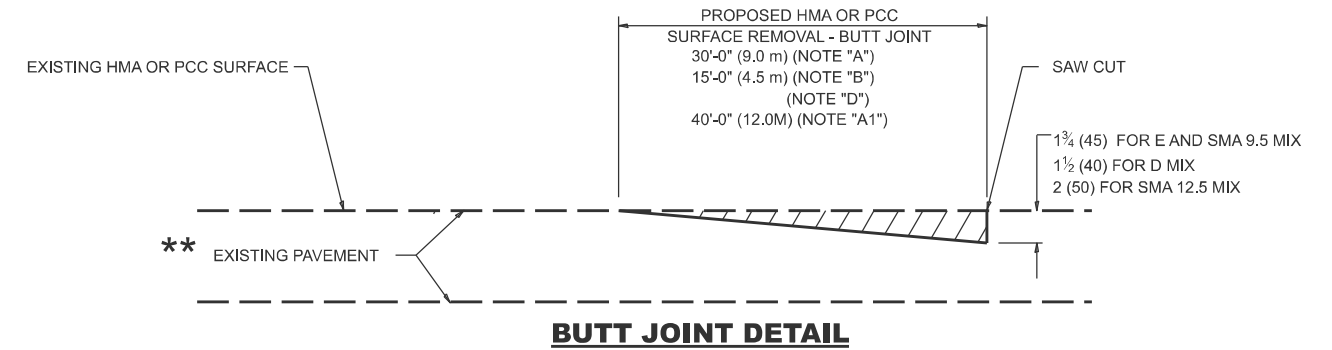


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

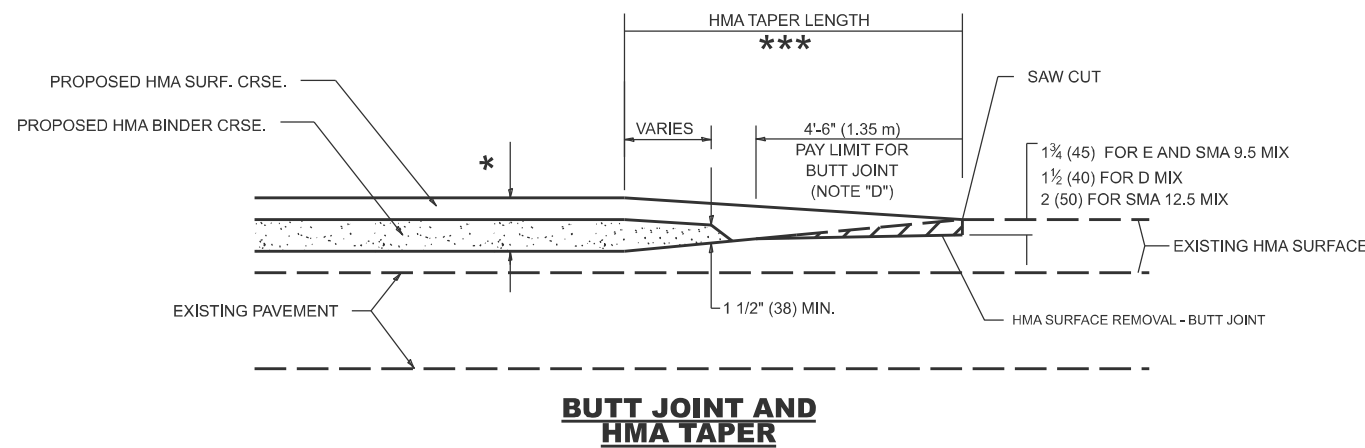
- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. 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

- 1. 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".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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USER NAME = Eric.L.Thomas	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 8/20/2024	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

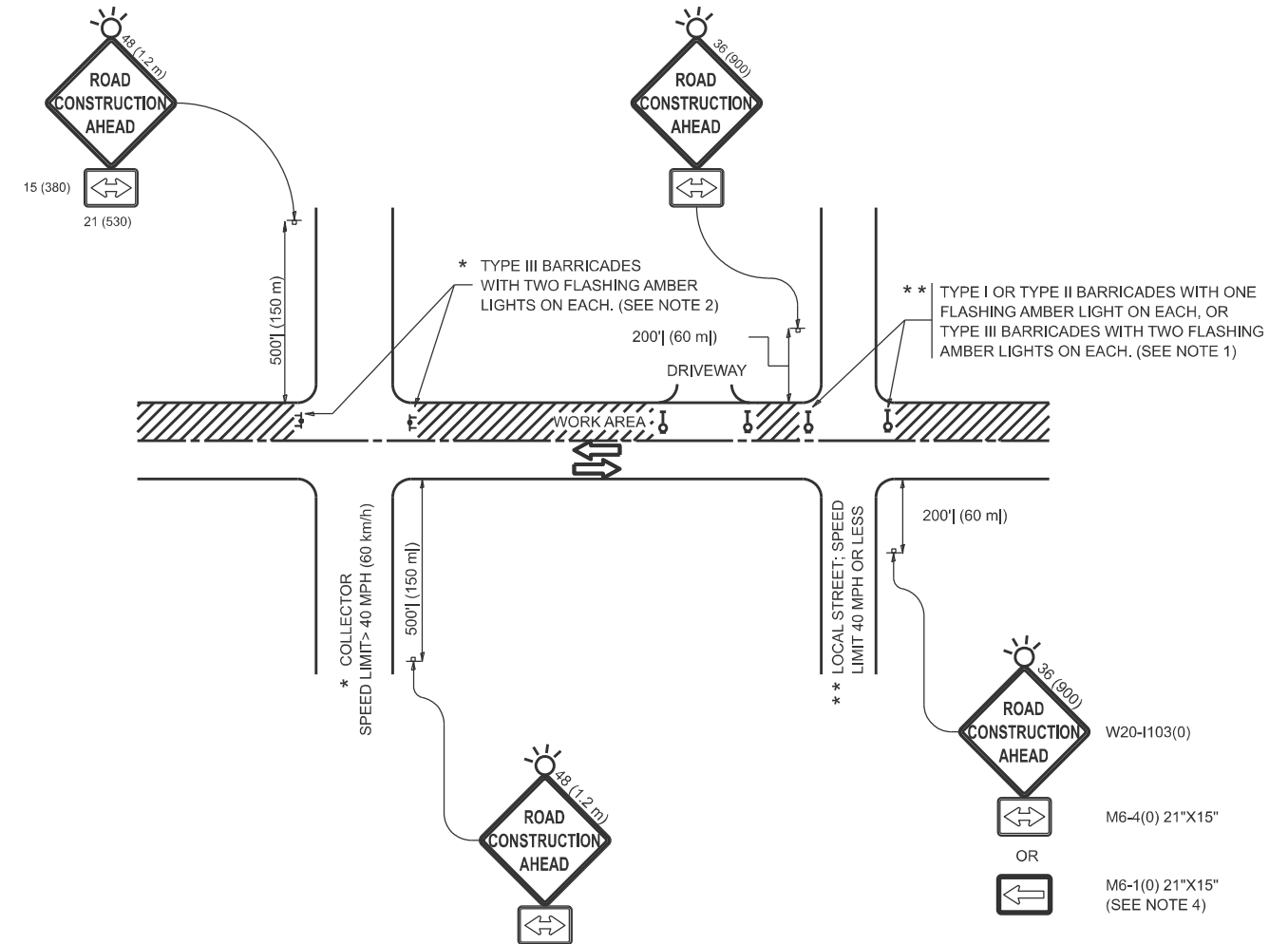
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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.
3520	2024-1024-RS	COOK	35	30
BD400-05 BD-32		CONTRACT NO. 62X57		
ILLINOIS FED. AID PROJECT				

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NOTES:

- 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:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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 = Eric.L.Thomas	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
	DRAWN -	REVISED - A. SCHUETZE 07-01-13
	CHECKED -	REVISED - A. SCHUETZE 09-15-06
PLOT DATE = 8/20/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

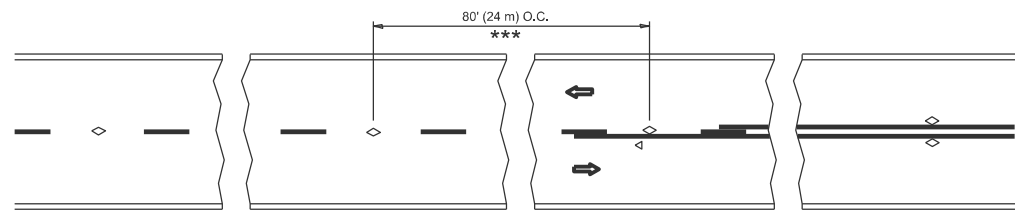
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET OF SHEETS STA. TO STA.

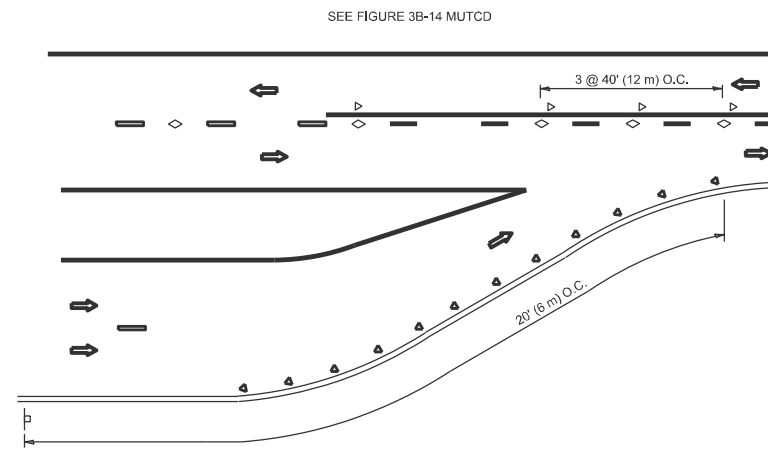
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TC-10			CONTRACT NO. 62X57	
ILLINOIS FED. AID PROJECT				

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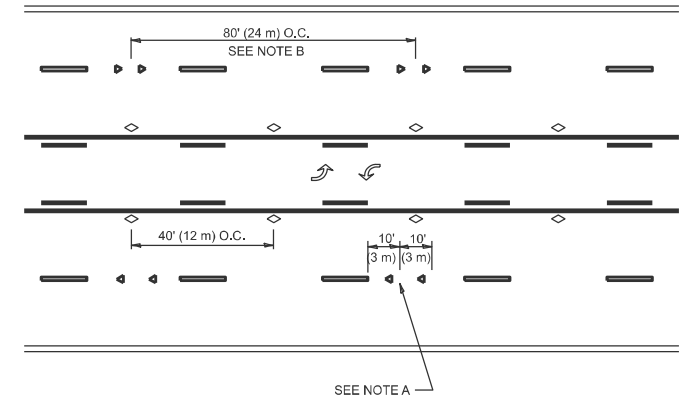


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

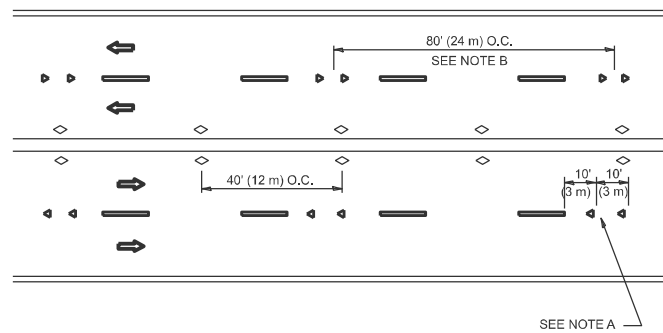
TWO-LANE/TWO-WAY



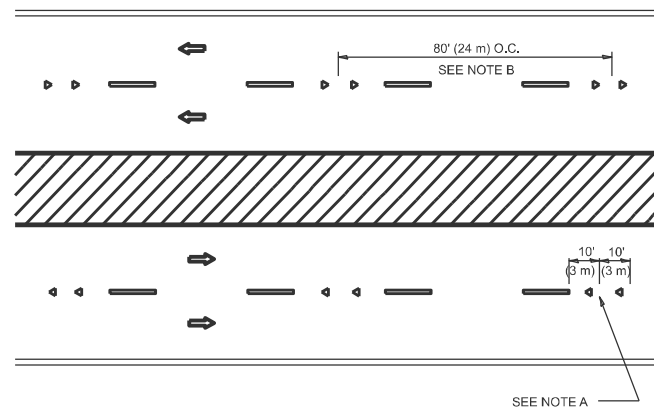
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

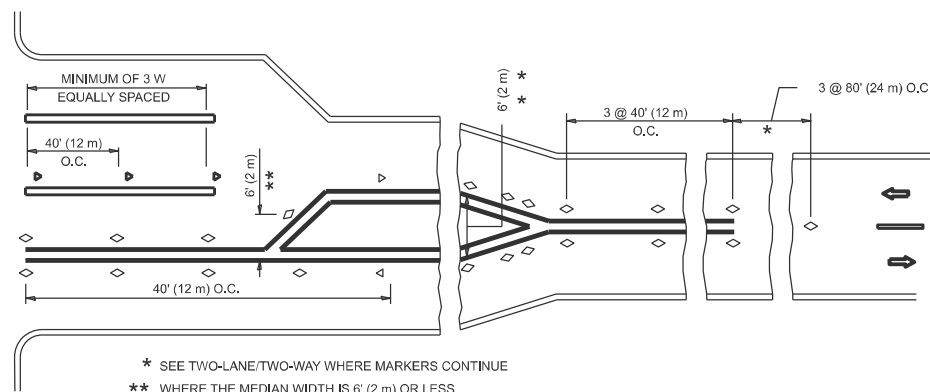
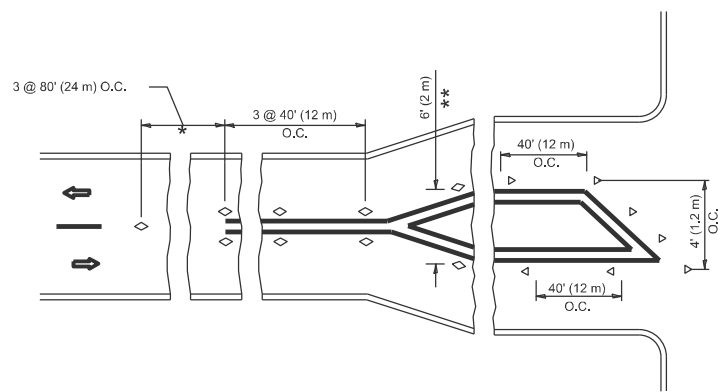
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◊ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



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

TURN LANES

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

USER NAME = Eric.L.Thomas	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 8/20/2024	DATE -	REVISED - C. JUCIUS 07-01-13

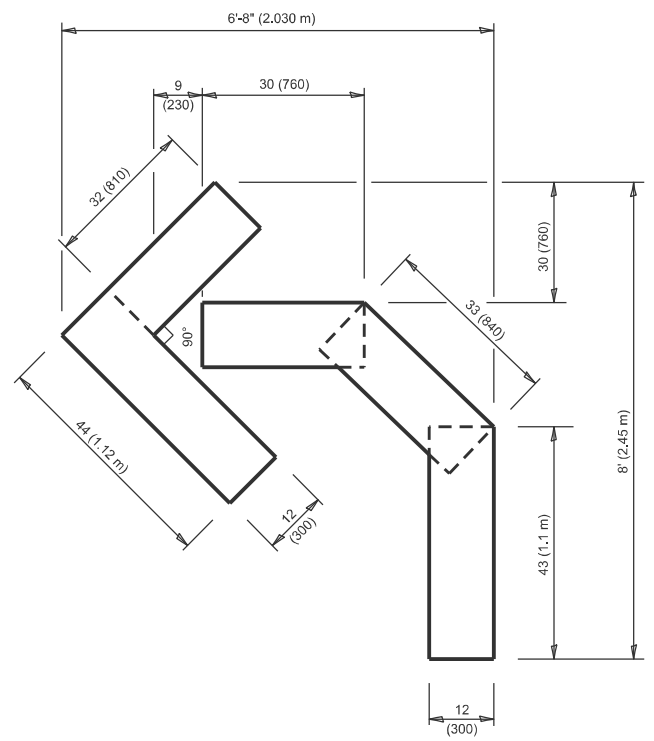
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

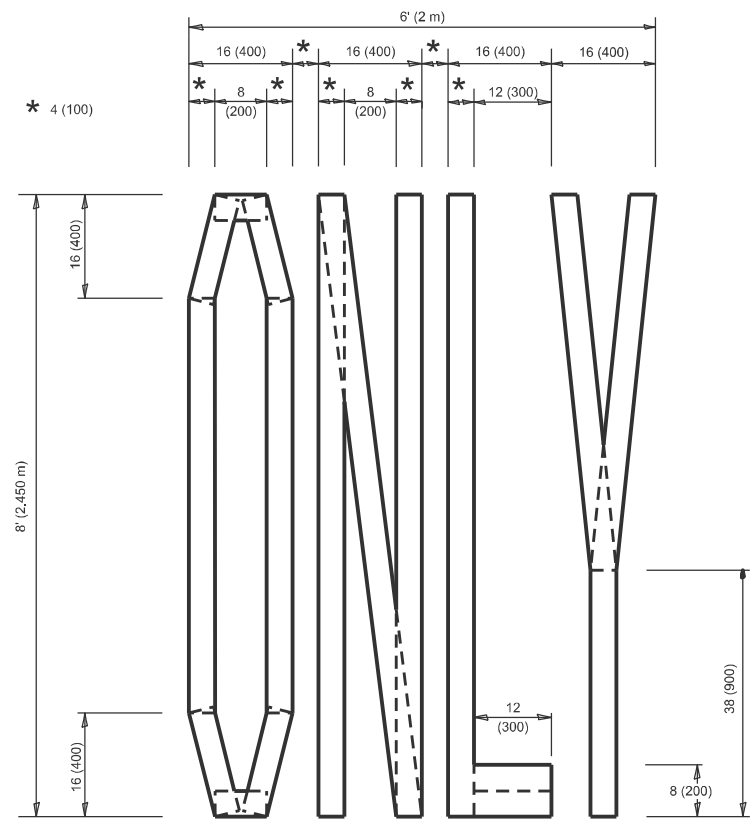
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	2024-1024-RS	COOK	35	32
TC-11			CONTRACT NO. 62X57	
ILLINOIS FED. AID PROJECT				

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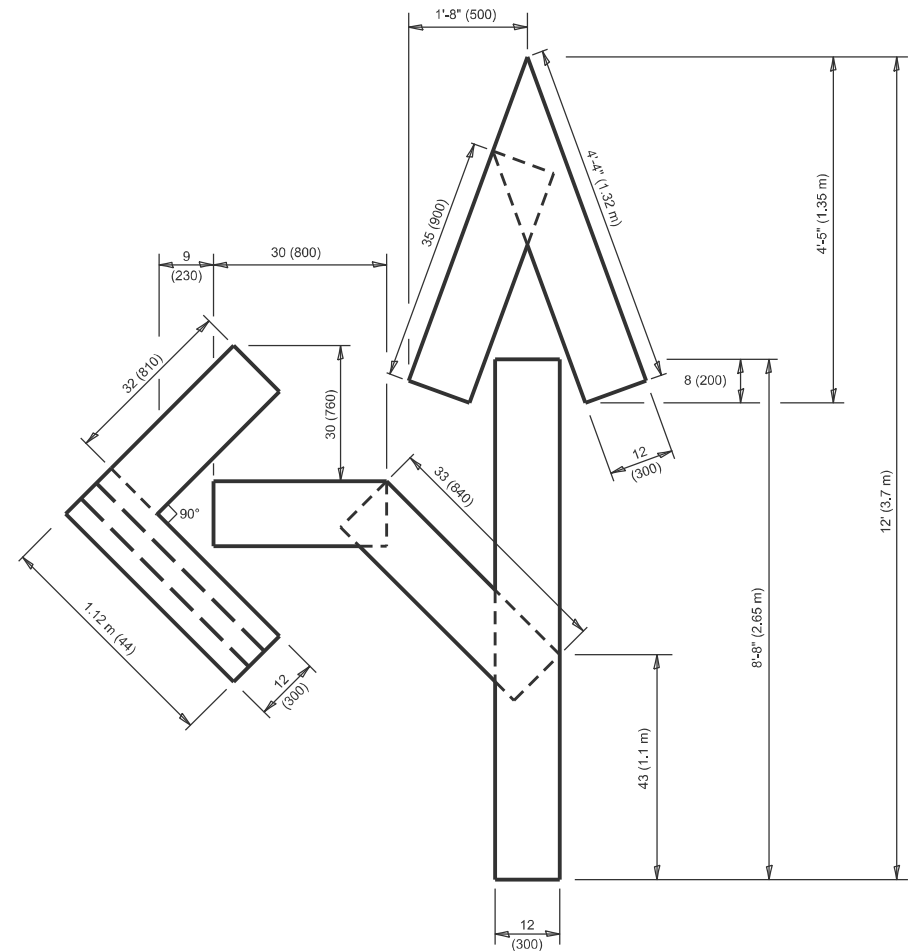
QUANTITY

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)

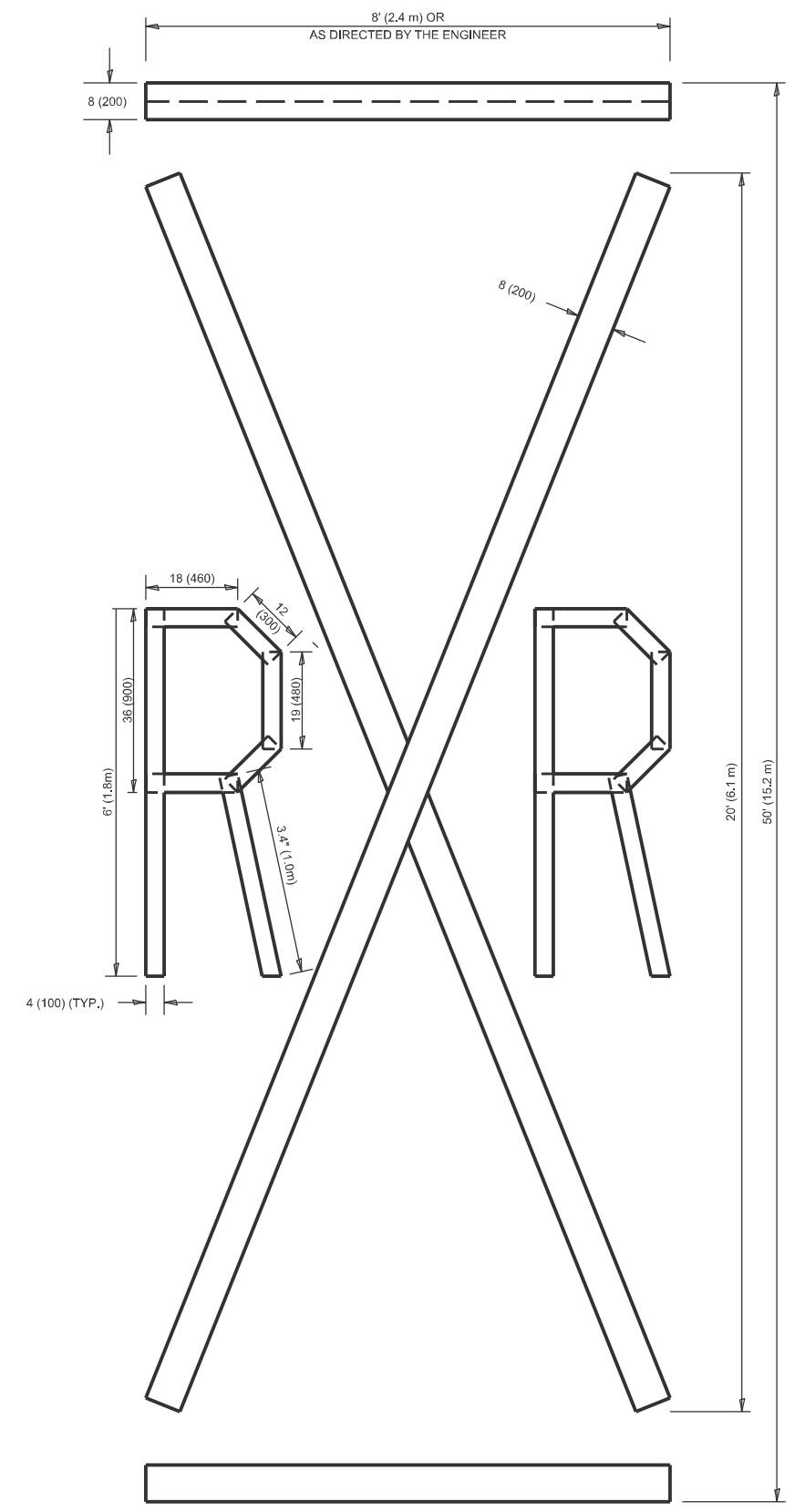


QUANTITY

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 = Eric.L.Thomas	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 8/20/2024	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

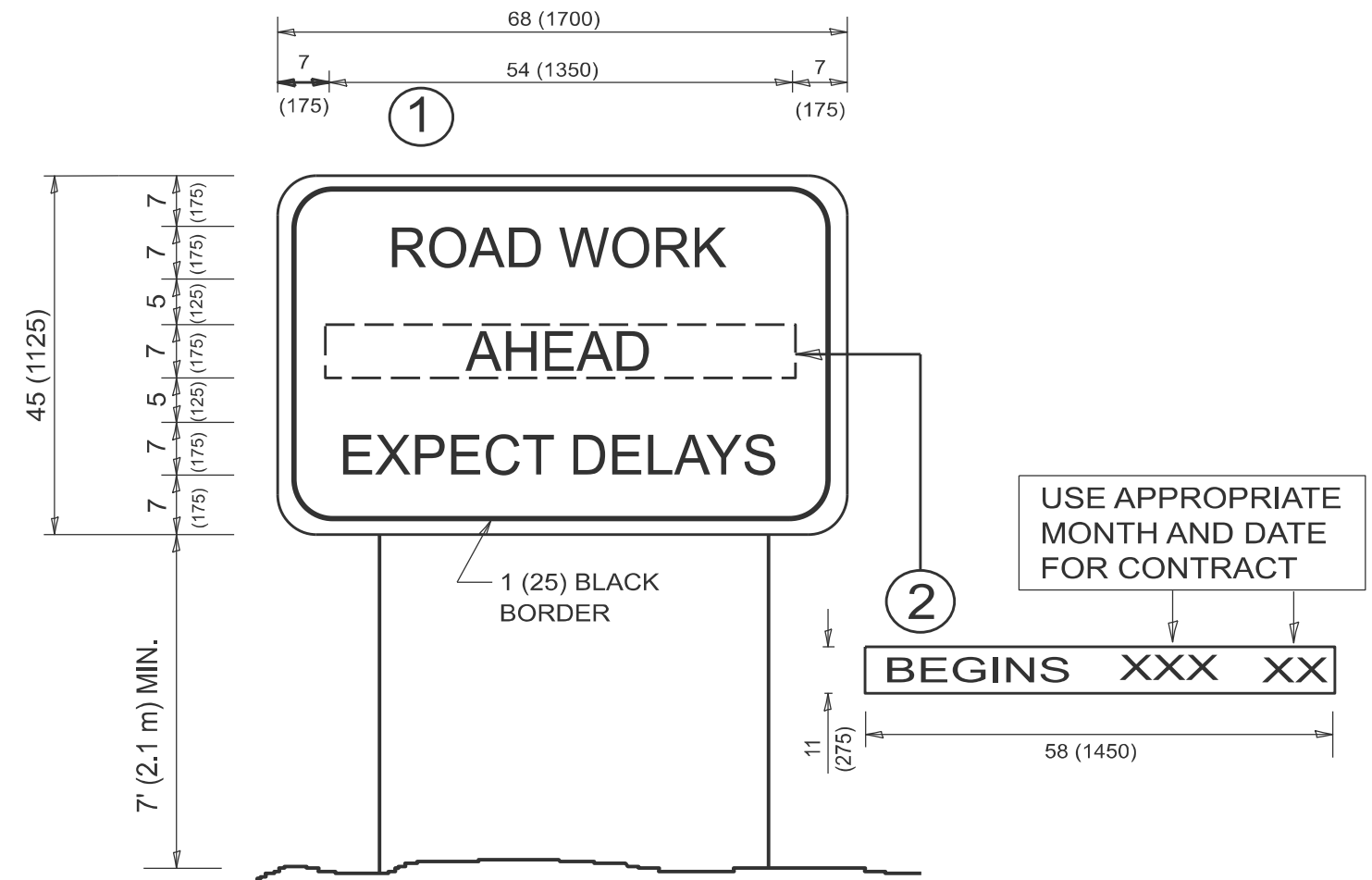
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE. 3520	SECTION 2024-1024-RS	COUNTY COOK	TOTAL SHEETS 35	SHEET NO. 34
TC-16		CONTRACT NO. 60X57		
ILLINOIS FED. AID PROJECT				

MODEL: Plan Sign (Sheet)
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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 = Eric.L.Thomas	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 8/20/2024	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.
3520	2024-1024-RS	COOK	35	35
TC-22			CONTRACT NO. 62X57	
ILLINOIS FED. AID PROJECT				