

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-RS&SW	COOK	49	1
			ILLINOIS	CONTRACT NO. 62P32

* 49 + 4 = 53 TOTAL SHEETS

D-91-192-21

FOR INDEX OF SHEETS, SEE SHEET NO.2

THIS PROJECT IS LOCATED IN THE VILLAGE OF NILES, VILLAGE OF MORTON GROVE AND VILLAGE OF SKOKIE

PROPOSED
HIGHWAY PLANS

FAU ROUTE 1332: OAKTON STREET
WAUKEGAN ROAD TO LONG AVENUE
SECTION: 2021-107-RS&SW
PROJECT: STP-8FDH(946)
DESIGNED OVERLAY, ADA IMPROVEMENTS
COOK COUNTY

C-91-229-21



TRAFFIC DATA:

OAKTON STREET:

PROJECT BEGIN TO CALDWELL AVE:
ADT (2018) = 29,100
SPEED LIMIT = 35 MPH

PROJECT ENDS
STA. 143 + 81

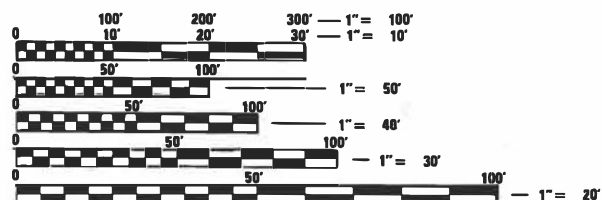
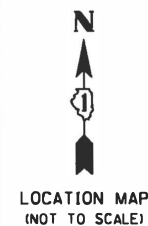
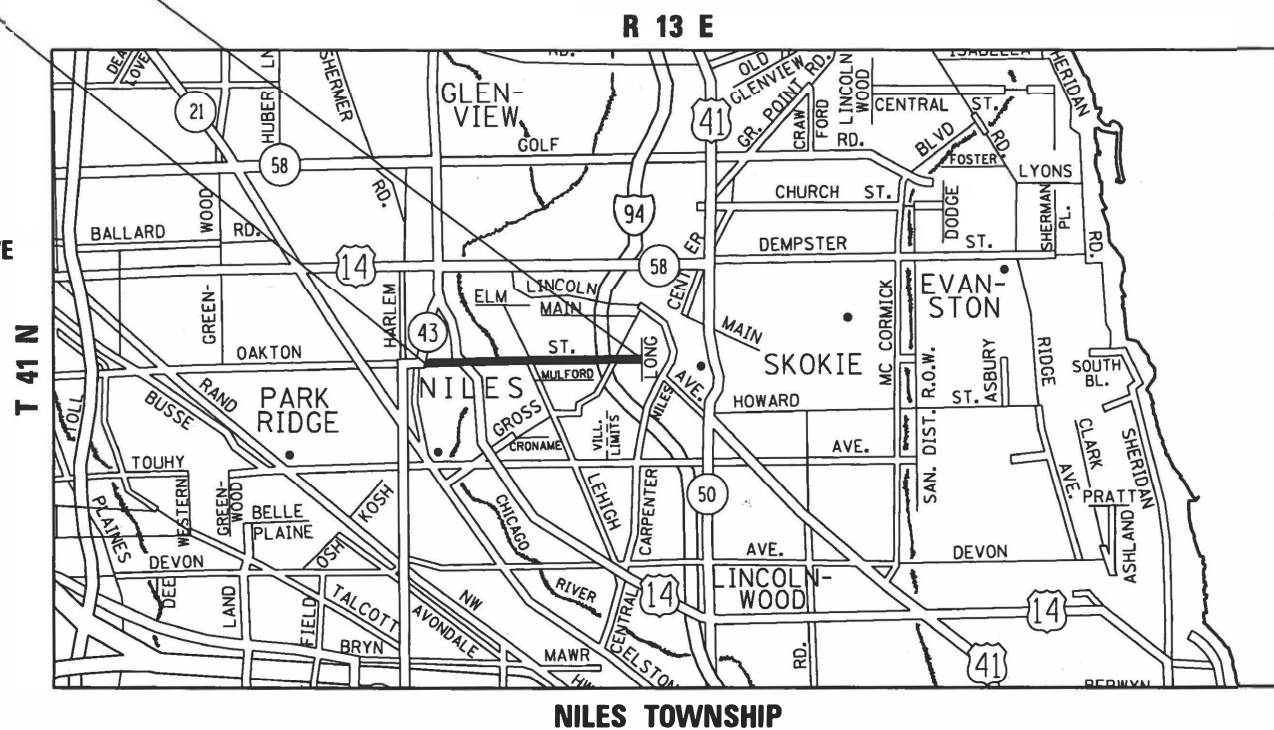
CALDWELL AVE TO LEHIGH AVE:
ADT (2018) = 29,500
SPEED LIMIT = 40 MPH

PROJECT BEGINS
STA. 35 + 25

LEHIGH AVE TO GROSS POINT RD:
ADT (2018) = 25,600
SPEED LIMIT = 35 MPH

OMISSIONS:
STA. 62 + 27 TO STA. 63 + 92
STA. 128 + 76 TO STA. 131 + 66
RAILROAD EAST OF LEHIGH AVE

GROSS POINT RD TO PROJECT END:
ADT (2018) = 16,200
SPEED LIMIT = 30 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

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

GROSS LENGTH = 10,856 FT. = 2.056 MILE
NET LENGTH = 10,401 FT. = 1.970 MILE

CONTRACT NO. 62P32

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED FEBRUARY 1, 2022
Jose Rios REGIONAL ENGINEER
March 25, 2022
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
March 23, 2022
Stephen M. Fawad DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 2

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION
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9A	SCHEDULE OF QUANTITIES - ADA IMPROVEMENT
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47	PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS (PD-03)
48	PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS (PD-04)
49	PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS (PD-06)

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALK
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALK
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALK
424021-06	DEPRESSED CORNER FOR SIDEWALK
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
602001-02	CATCH BASIN TYPE A
604001-05	FRAME AND LIDS, TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, 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
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

- 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 REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES, VILLAGE OF NILES, VILLAGE OF MORTON GROVE AND VILLAGE OF SKOKIE.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSIONS FROM THE DEPARTMENT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE 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.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL CONTACT MR. FADI SULTAN, AREA TRAFFIC FIELD ENGINEER, VIA EMAIL AT FADI.SULTAN@ILLINOIS.GOV A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKING.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A FIELD LABORATORY FOR USE FOR ANY ON-SITE TESTING BY THE ENVIRONMENTAL FIRM. NO TESTING OF ANY KIND, CONTAMINATED OR NON-CONTAMINATED, FLUID OR SOLID SHALL BE PERMITTED IN THE ENGINEER'S FIELD OFFICE.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 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.
- ALL PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, DRAINAGE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- SIDEWALK REMOVAL AND P.C.C SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING LIMITS (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CUR AND GUTTERS AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- RESURFACING ON THE BRIDGE CANNOT USE VIBRATORY ROLLERS. A TEMPORARY SHOULDER CLOSURE ON I-94 IS RECOMMENDED WHILE MILLING / RESURFACING IS UNDERWAY TO ENSURE NO CONCRETE FALLS ONTO THE SHOULDERS.

GENERAL NOTES CONTINUE ON SHEET NO. 3

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PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	2
				CONTRACT NO. 62P32
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES (CONTINUED)

17. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER. A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MIN. 1:3 (V:H).
18. LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
19. 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 THE ARTICLE 194.04 OF THE STANDARD UNLESS A SEPERATE PAY ITEM HAS BEEN PROVIDED.
20. PROPOSED SIDEWALK RAMP5 SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
21. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
22. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS 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.
23. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO THE BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT
24. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE THE ROOT SYSTEM OR TRUNKS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
25. THE CONTRACTOR MUST USE EXTREME CARE AND CAUTION WHEN MILLING AND PAVING THE PAVEMENT UNDER THE RAILROAD BRIDGE SO AS TO AVOID ACCIDENTLY HITTING THE BRIDGE/PIERS WITH ANY EQUIPMENT. IT'S RECOMMENDED THAT MILLING UNDER THE RR STRUCTURE BE DONE USING A GRINDER MOUNTED ON A SKID-STEER/BOBCAT LOADER.
26. MILLING AND RESURFACING UNDER THE RAILROAD STRUCTURE MUST NOT CHANGE OR NEGATIVELY IMPACT THE MINIMUM VERTICAL CLEARANCE UNDER THE STRUCTURE
27. ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES.ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
28. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

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USER NAME = elkhatibaj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -			1332	2021-107-R5&SW	COOK	49	3
PLOT DATE = 2/10/2022	CHECKED -	REVISED -			CONTRACT NO. 62P32				
	DATE -	REVISED -			SCALE:		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE ROADWAY 0005 URBAN	100% STATE ROADWAY 0005 URBAN				
20200100	EARTH EXCAVATION	CU YD	75	75					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	2408	2408					
* 25003312	INTERSEEDING, CLASS 4A	ACRE	1	1					
* 25100125	MULCH, METHOD 3	ACRE	1	1					
* 25200110	SODDING, SALT TOLERANT	SO YD	2408	2408					
* 25200200	SUPPLEMENTAL WATERING	UNIT	25	25					
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	67	67					
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	78	78					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	49280	49280					
40600370	LONGITUDINAL JOINT SEALANT	FOOT	46577	46577					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	110	110					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	659	659					
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	1172	1172					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE ROADWAY 0005 URBAN	100% STATE ROADWAY 0005 URBAN				
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	8002	8002					
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	29	29					
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	7155	7155					
42001300	PROTECTIVE COAT	SO YD	2510	2510					
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	345	345					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	123	123					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	6346	6346					
42400800	DETECTABLE WARNINGS	SO FT	498	498					
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	1565	1565					
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SO YD	71442	71442					
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	612	612					

* = SPECIALTY ITEMS
 Δ = NON-PARTICIPATING WORK (100% STATE)

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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-RS&SW	COOK	49	4
CONTRACT NO. 62P32				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					*	SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE ROADWAY 0005 URBAN	100% STATE ROADWAY 0005 URBAN						CODE NO	ITEM		UNIT	80% FED 20% STATE ROADWAY 0005 URBAN	100% STATE ROADWAY 0005 URBAN		
44000600	SIDEWALK REMOVAL	SO FT	6677	6677					*	66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5				
44002219	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4 3/4"	SO YD	4405	4405					*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SO YD	105	105					*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	25	25					*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	18	18				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	2409	2409						67100100	MOBILIZATION	L SUM	1	1				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	1533	1533						70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1				
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	870	870						70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	5	5						70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1				
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2						70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1				
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	29	29						70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	15	15						70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				
60404500	FRAMES AND GRATES, TYPE 6	EACH	7	7														
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	13	13														
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	47	47														
63200310	GUARDRAIL REMOVAL	FOOT	100	100														
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	75	75														
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2														

* = SPECIALTY ITEMS
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SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				TOTAL QUANTITIES	SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE ROADWAY 0005 URBAN	100% STATE ROADWAY 0005 URBAN									80% FED 20% STATE ROADWAY 0005 URBAN	100% STATE ROADWAY 0005 URBAN			
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	597	597														
△ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1230		1230													
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	93	93														
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12														
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1														
X8140238	REBUILD EXISTING DOUBLE HANDHOLE	EACH	1	1														
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	7797	7797														
△ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	123		123													
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	205.6	205.6														
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1														
* Z0064600	SELECTIVE CLEARING	ACRE	1	1														
∅ Z0076600	TRAINEES	HOURS	500	500														
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500														

∅ 0042

* = SPECIALTY ITEMS
△ = NON-PARTICIPATING
WORK (100% STATE)

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		DRAWN -	REVISED -			1332	2021-107-R5&SW	COOK	49	7
		PLOT SCALE = 100,0000' / 1in.	CHECKED -			REVISED -	CONTRACT NO. 62P32			
		PLOT DATE = 2/10/2022	DATE -			REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

LEGEND:

- ① EXIST. HOT-MIX ASPHALT, 4.75" AND VARIES
- ② EXIST. P.C.C. PAVEMENT, 10"
- ③ EXIST. COMB. CONC. CURB AND GUTTER
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
- ⑤ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70, 1.75"
- ⑥ PROP. HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2"
- ⑦ PROP. COMB. CONC. CURB AND GUTTER B-6.12
- ⑧ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1.75"
- ⑨ EXIST. P.C.C. PAVEMENT, 7"
- ⑩ EXIST. P.C.C. SIDEWALK

* CURB AND GUTTER REMOVAL AND REPLACEMENT (LOCATION AS DIRECTED BY THE ENGINEER)

NOTES:

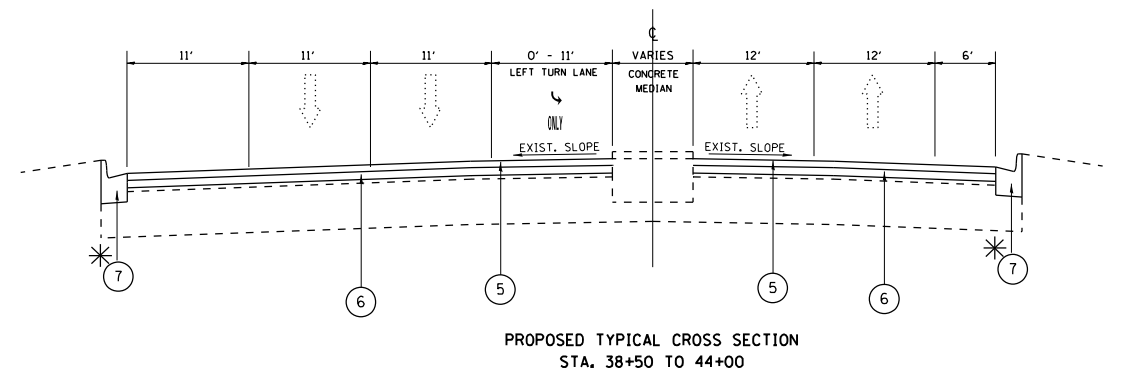
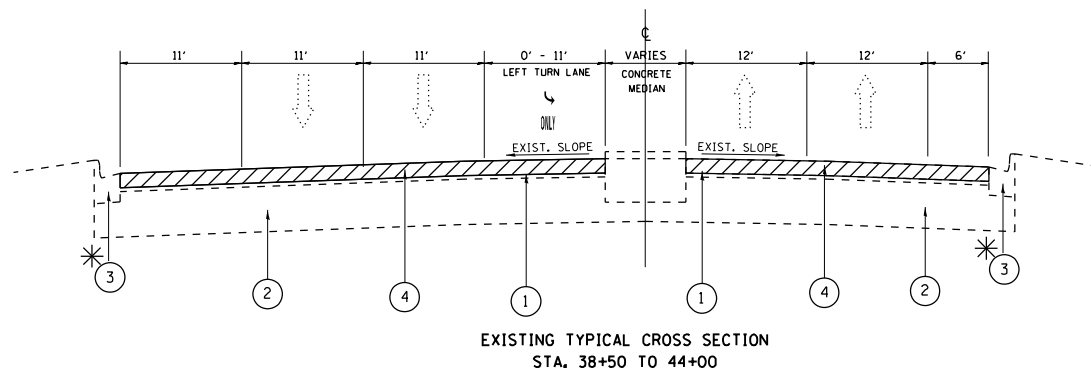
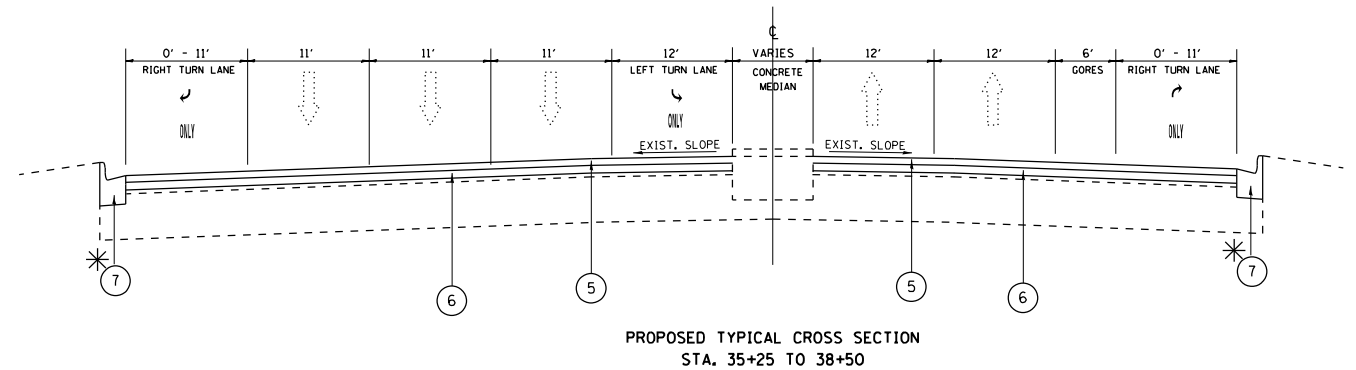
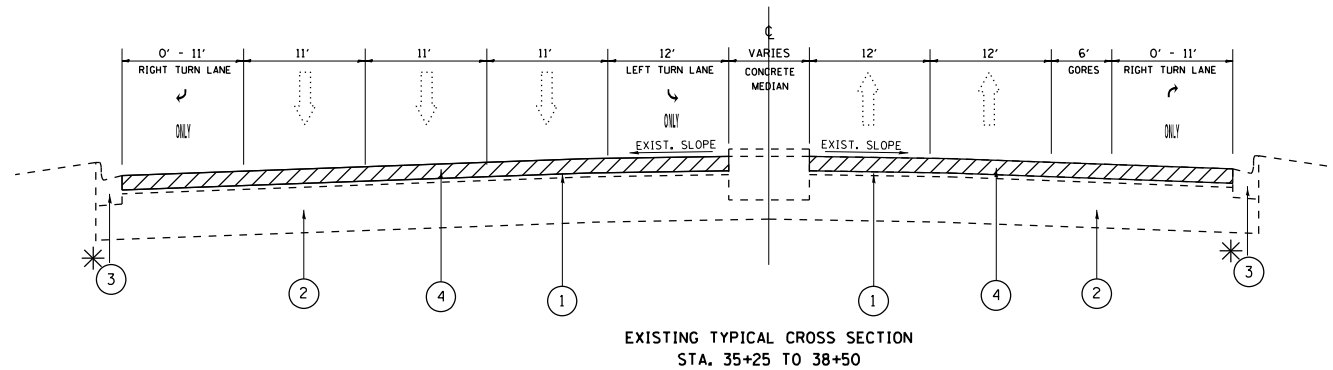
- (1) THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING
- (2) THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE PROPOSED HMA BINDER COURSE, IL-9.5, N70

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (OMP)
MIXTURE TYPE	AIR VOIDS (%) @ NDES	
RESURFACING MAINLINE:		
POLYMERIZED HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1.75"	4% @ 70 GYR.	OCP
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2"	4% @ 70 GYR.	OCP
HMA DRIVEWAYS:		
HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR.	OC/OA
HMA BASE COURSE (HMA BINDER IL-19 mm), CE: 8", PE: 6"	4% @ 50 GYR.	OC/OA
HOT-MIX ASPHALT PATCHING:		
CLASS D PATCH (HMA BINDER IL-19 mm), 10"	4% @ 70 GYR.	OC/OA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm), 3"	4% @ 70 GYR.	OC/OA
TEMPORARY RAMP, SPECIAL:		
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	4% @ 70 GYR.	OC/OA

OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (OC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP)

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS



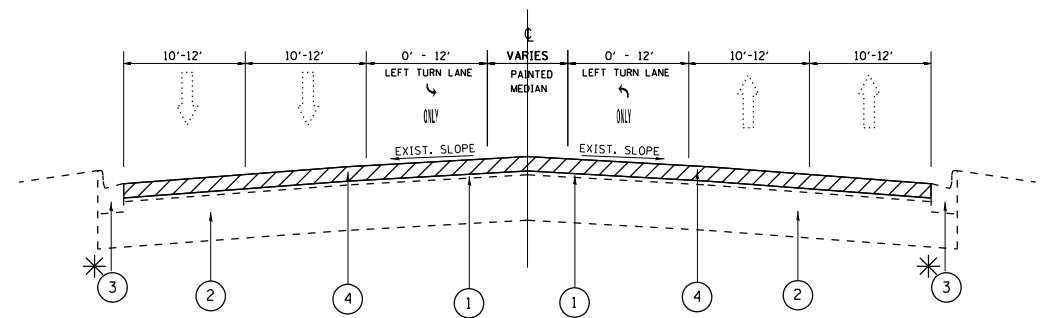
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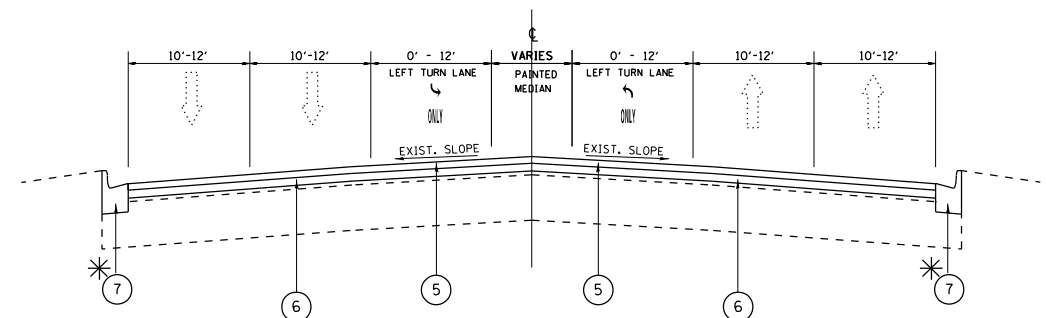
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	8
CONTRACT NO. 62P32				
ILLINOIS		FED. AID PROJECT		

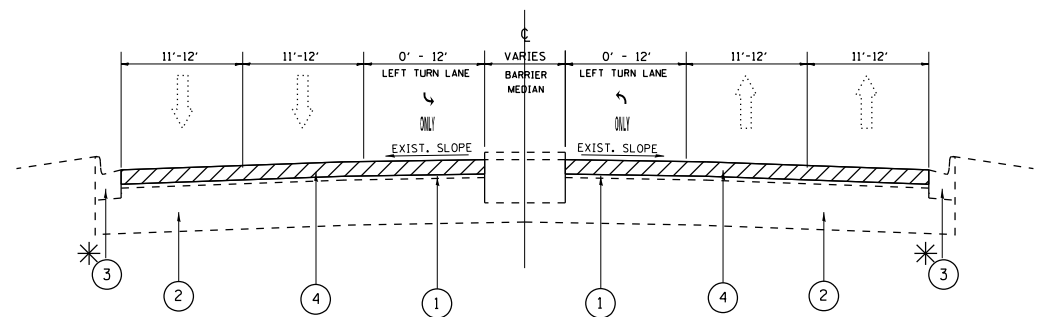


EXISTING TYPICAL CROSS SECTION
 STA. 44+00 TO 55+45
 STA. 56+80 TO 62+27
 STA. 63+92 TO 92+83
 STA. 94+30 TO 124+21
 STA. 126+95 TO 128+76

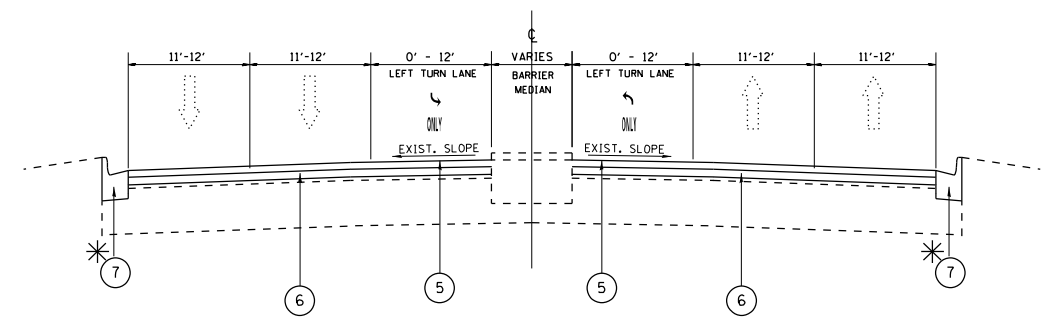


PROPOSED TYPICAL CROSS SECTION
 STA. 44+00 TO 55+45
 STA. 56+80 TO 62+27
 STA. 63+92 TO 92+83
 STA. 94+30 TO 124+21
 STA. 126+95 TO 128+76

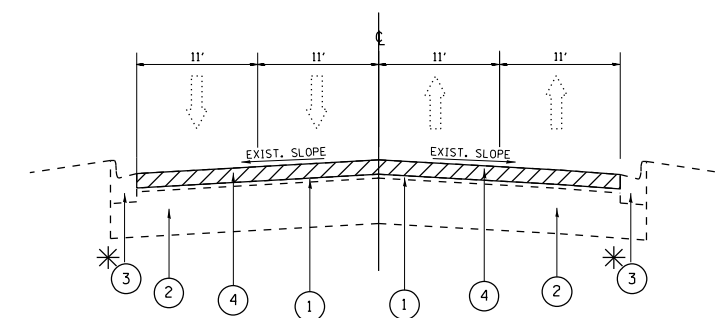
- LEGEND:**
- ① EXIST. HOT-MIX ASPHALT, 4.75" AND VARIES
 - ② EXIST. P.C.C. PAVEMENT, 10"
 - ③ EXIST. COMB. CONC. CURB AND GUTTER
 - ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
 - ⑤ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70, 1.75"
 - ⑥ PROP. HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2"
 - ⑦ PROP. COMB. CONC. CURB AND GUTTER B-6.12
 - ⑧ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1.75"
 - ⑨ EXIST. P.C.C. PAVEMENT, 7"
 - ⑩ EXIST. P.C.C. SIDEWALK



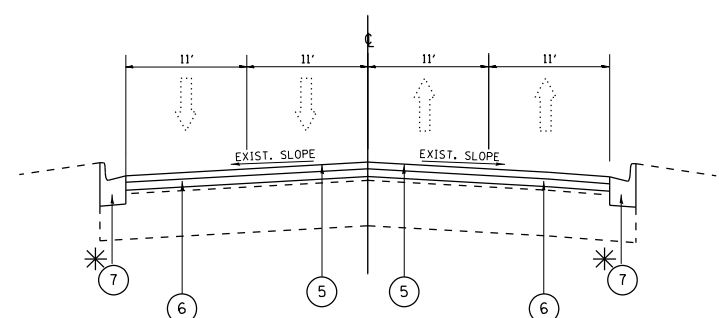
EXISTING TYPICAL CROSS SECTION
 STA. 55+45 TO 56+80
 STA. 92+83 TO 94+30



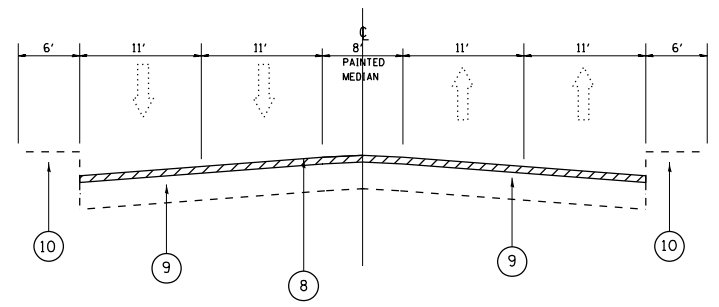
PROPOSED TYPICAL CROSS SECTION
 STA. 55+45 TO 56+80
 STA. 92+83 TO 94+30



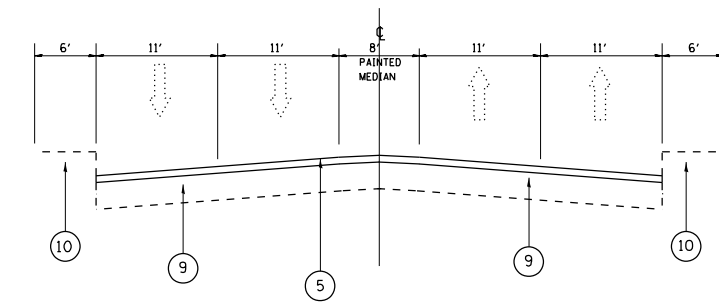
EXISTING TYPICAL CROSS SECTION
 STA. 131+66 TO 143+81



PROPOSED TYPICAL CROSS SECTION
 STA. 131+66 TO 143+81



EXISTING TYPICAL CROSS SECTION
 STA. 124+21 TO 126+95



PROPOSED TYPICAL CROSS SECTION
 STA. 124+21 TO 126+95

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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
 OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)**

F.A.U. RTE. 1332	SECTION 2021-107-R5&SW	COUNTY COOK	TOTAL SHEETS 49	SHEET NO. 9
CONTRACT NO. 62P32				
SCALE:		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT

SCHEDULE OF QUANTITIES - ADA IMPROVEMENT

STATE ROUTE	CROSS STREET	CORNER	20200100	21101615	25200110	25200200	42001300	42400200	42400800	44000600	60255500	85000200	89500400	89502376	X8140238	Z0004562
			EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SIDEWALK, 5INCH	DETECTABLE WARNINGS	SIDEWALK REMOVAL	MANHOLES TO BE ADJUSTED	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	REBUILD EXISTING HANDHOLE	REBUILD EXISTING DOUBLE HANDHOLE	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
			CU YD	SQ YD	SQ YD	UNIT	SQ YD	SQ FT	SQ FT	SQ FT	EACH	EACH	EACH	EACH	EACH	FOOT
OAKTON STREET	NILES PUBLIC LIBRARY	NE	2.0	20.0	20.0	0.20	27.2	200.0	10.0	200.0						15.0
		NW	1.0	11.8	11.8	0.12	16.1	100.0	10.0	100.0						15.0
	CIVIC CENTER DRIVE	NW	2.75	27.8	27.8	0.28	40.5	275.0	10.0	275.0	1.0					29.8
		NE	2.75	27.8	27.8	0.28	44.1	275.0	18.0	275.0	1.0	1.0	1.0			40.6
		SW	4.25	37.8	37.8	0.38	52.2	425.0	30.0	425.0		1.0	1.0			15.0
		SE	2.75	27.8	27.8	0.28	39.3	275.0	30.0	275.0		1.0				26.2
		SW	2.00	20.7	20.7	0.21	27.2	200.0	10.0	200.0						15.0
	SCHOOL PARKING DRIVEWAY	SE	1.00	11.8	11.8	0.12	16.1	100.0	10.0	100.0						15.0
		SW	1.75	18.9	18.9	0.19	24.4	175.0	10.0	175.0						15.0
	NEW ENGLAND AVENUE	SE	2.00	20.0	20.0	0.20	27.2	200.0	10.0	200.0						15.0
		SW	0.50	5.6	5.6	0.06	10.6	50.0	10.0	50.0						15.0
	NORDICA AVE	SE	0.50	5.6	5.6	0.06	10.6	50.0	10.0	50.0						15.0
		NW	0.50	13.4	13.4	0.13	5.0	0.0	0.0	50.0						15.0
	LEHIGH AVENUE	SW	1.00	10.0	10.0	0.10	16.1	100.0	10.0	100.0						15.0
	SOUTH ENTRANCE BETWEEN LEHIGH AND AUSTIN AVE	SE	1.00	10.0	10.0	0.10	16.1	100.0	10.0	100.0						15.0
		NW	0.50	7.8	7.8	0.08	10.6	50.0	10.0	50.0			1.0			15.0
	AUSTIN AVENUE	NE	3.87	37.7	37.7	0.38	36.4	178.4	20.0	178.4		1.0	1.0	1.0		49.6
		SW	5.39	51.2	51.2	0.51	30.6	155.7	20.0	159.6		1.0			1.0	39.8
		SE	2.45	21.1	21.1	0.21	32.2	245.0	20.0	245.0					1.0	15.0
		NW	2.95	29.6	29.6	0.30	18.3	120.0	10.0	184.7						15.0
	MARMORA AVENUE	NE	3.62	35.5	35.5	0.36	17.7	114.7	10.0	184.7						15.0
		SW	1.00	10.0	10.0	0.10	16.1	100.0	10.0	100.0						15.0
		SE	1.00	10.0	10.0	0.10	16.1	100.0	10.0	100.0						15.0
		NW	0.15	3.3	3.3	0.03	1.7	15.0	0.0	0.0						0.0
	FRONTAGE ROAD	NW	2.00	18.9	18.9	0.19	27.2	200.0	10.0	200.0						15.0
		SW	1.00	11.1	11.1	0.11	16.1	100.0	10.0	100.0						15.0
		SE	2.00	20.7	20.7	0.21	27.2	200.0	10.0	200.0						15.0
	LUNA AVENUE	SW	1.50	21.1	21.1	0.21	38.3	300.0	30.0	100.0						15.0
		SE	1.50	21.1	21.1	0.21	38.3	300.0	30.0	200.0						15.0
	LINDER AVENUE	NW	1.50	30.5	30.5	0.31	10.6	50.0	10.0	150.0						15.0
NE		3.00	30.5	30.5	0.31	28.3	210.0	10.0	300.0						15.0	
SW		1.50	30.0	30.0	0.30	10.6	50.0	10.0	150.0						15.0	
SE		1.50	13.9	13.9	0.14	10.6	50.0	10.0	150.0						15.0	
LOTUS AVENUE	SW	1.50	30.0	30.0	0.30	10.6	50.0	10.0	150.0						15.0	
	SE	3.00	30.0	30.0	0.30	28.3	210.0	10.0	300.0						15.0	
LONG AVENUE	NW	1.50	16.7	16.7	0.17	16.1	100.0	10.0	150.0						15.0	
	NE	1.00	17.8	17.8	0.18	10.6	50.0	20.0	100.0						15.0	
	SW	1.10	12.3	12.3	0.12	10.6	50.0	10.0	110.0						15.0	
	SE	1.50	22.3	22.3	0.22	10.6	50.0	10.0	150.0						15.0	
TOTAL			72	802	802	8	846	5574	498	6287	2	2	6	3	1	681

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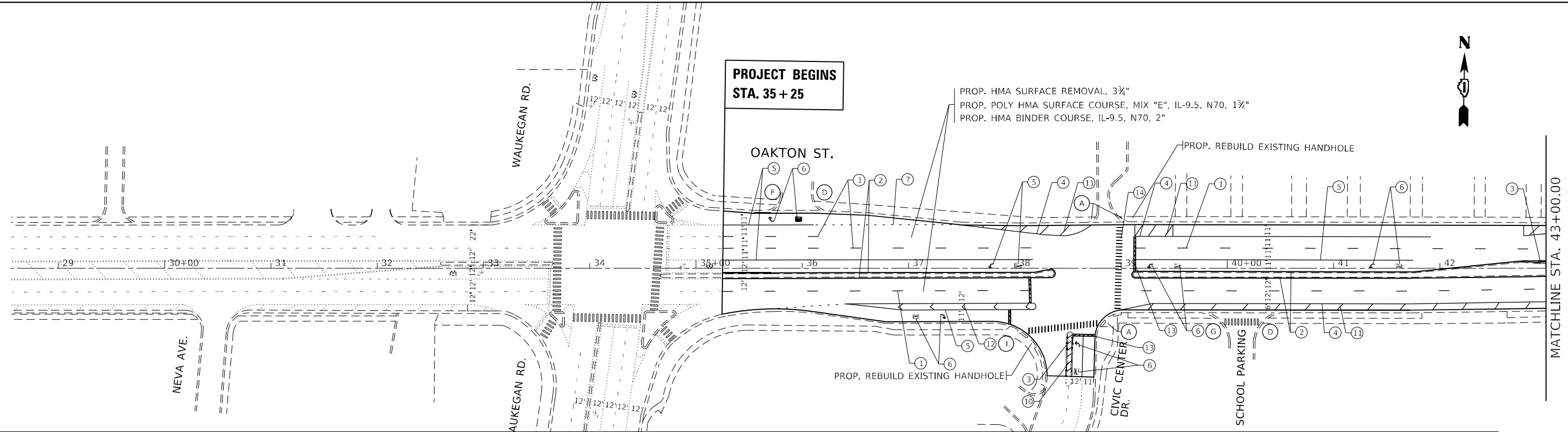
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES - ADA IMPROVEMENT
OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	9A
CONTRACT NO. 62P32			ILLINOIS FED. AID PROJECT	

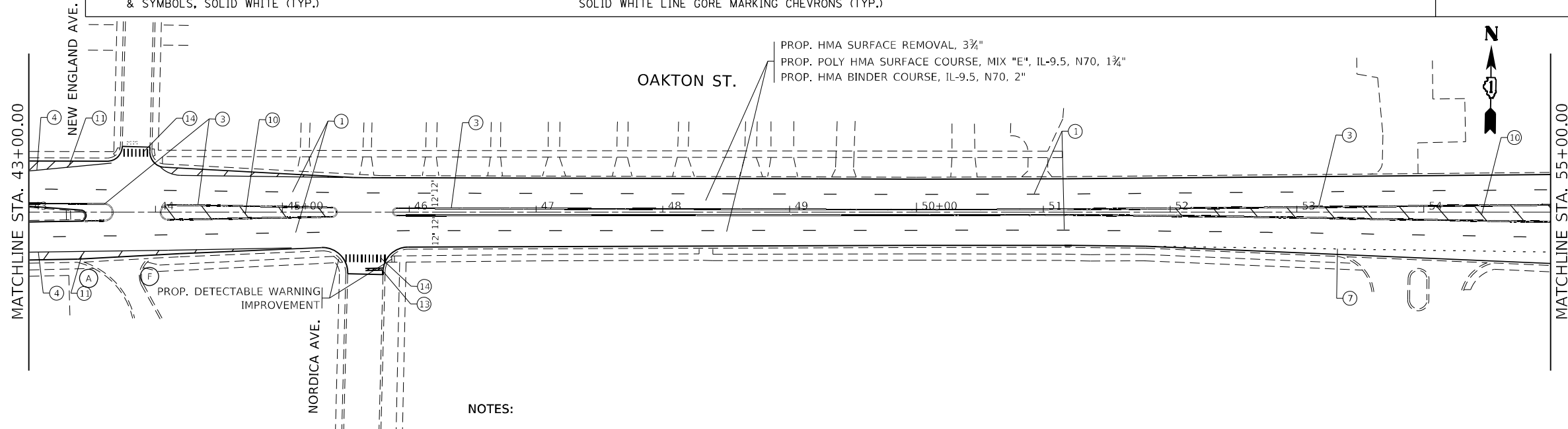


PAVEMENT MARKING LEGEND

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH (TYP.) ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE (TYP.) ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.) ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID WHITE LINE (TYP.) ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE LINE (TYP.) ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE (TYP.) | <ul style="list-style-type: none"> ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED WHITE LINE 2'-6" SPACING (TYP.) ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP.) ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DIAGONAL SOLID WHITE LINE @ 8' SPACING, 45° DIAGONAL (TYP.) ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.) ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID WHITE LINE @ 20' SPACING, 45° DIAGONAL (TYP.) ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE LINE GORE MARKING CHEVRONS (TYP.) | <ul style="list-style-type: none"> ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR (TYP.) ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE CONTINENTAL CROSSWALK (TYP.) ⑮ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.) ⑯ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.) ⑰ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.) |
|--|--|---|

SIDEWALK LEGEND

- (A) PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL PLAN
- (B) PROP. CURB RAMP IMPROVEMENT, SEE PD-01A
- (C) PROP. CURB RAMP IMPROVEMENT, SEE PD-01B
- (D) PROP. CURB RAMP IMPROVEMENT, SEE PD-01C
- (E) PROP. CURB RAMP IMPROVEMENT, SEE PD-02A
- (F) PROP. CURB RAMP IMPROVEMENT, SEE PD-02B
- (G) PROP. CURB RAMP IMPROVEMENT, SEE PD-02C
- (H) PROP. CURB RAMP IMPROVEMENT, SEE PD-03A
- (I) PROP. CURB RAMP IMPROVEMENT, SEE PD-04A
- (J) PROP. CURB RAMP IMPROVEMENT, SEE PD-06B



NOTES:

- 1) LIMIT OF RESURFACING ON THE SIDE- STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
- 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
- 3) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- 4) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.

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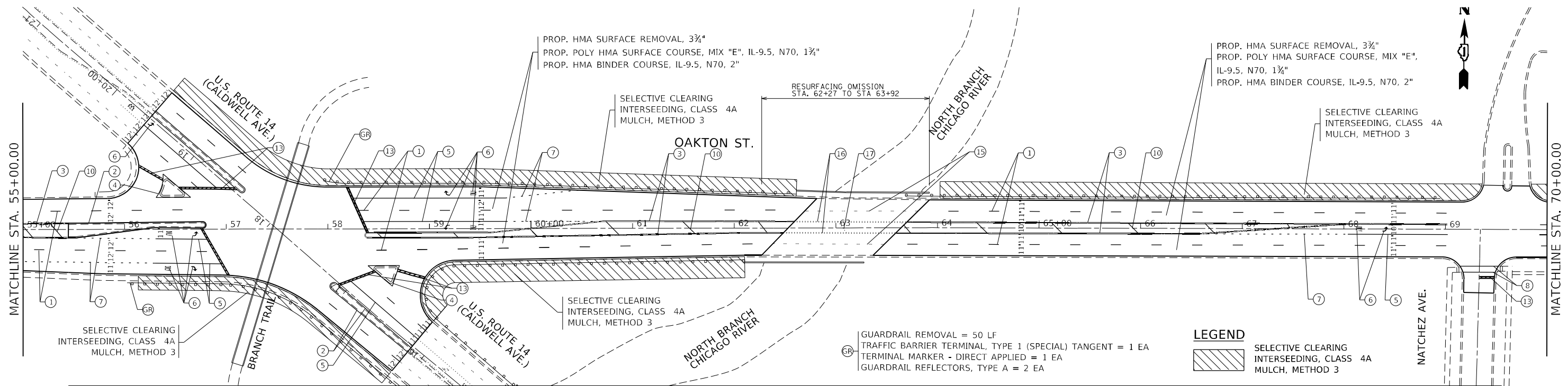
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)**

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

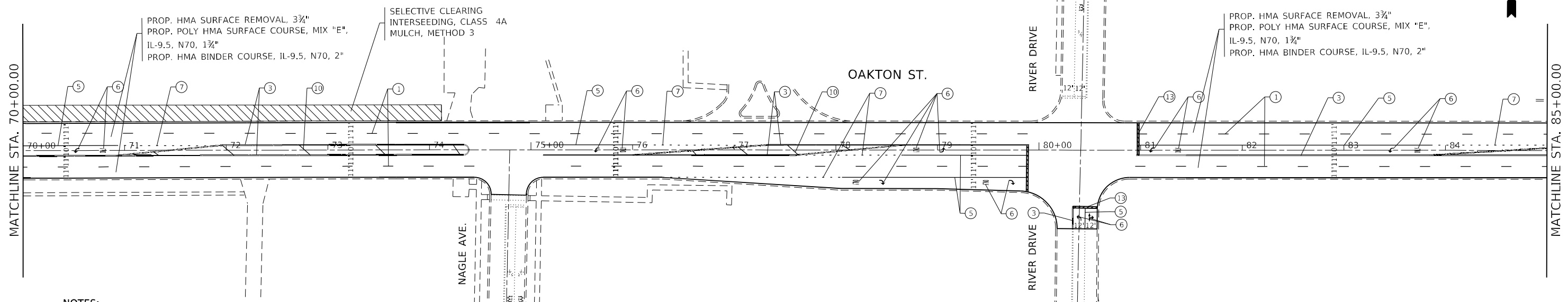
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-RS&SW	COOK	49	10
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND			
①	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH (TYP.)	⑬	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR (TYP.)
②	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE (TYP.)	⑭	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE CONTINENTAL CROSSWALK (TYP.)
③	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)	⑮	PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)
④	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID WHITE LINE (TYP.)	⑯	PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
⑤	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE LINE (TYP.)	⑰	PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5' MIN (TYP.)
⑥	PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE (TYP.)		
⑦	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED WHITE LINE 2'-6" SPACING (TYP.)		
⑧	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP.)		
⑨	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DIAGONAL SOLID WHITE LINE @ 8' SPACING, 45° DIAGONAL (TYP.)		
⑩	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5' MIN (TYP.)		
⑪	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID WHITE LINE @ 20' SPACING, 45° DIAGONAL (TYP.)		
⑫	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE LINE GORE MARKING CHEVRONS (TYP.)		

LEGEND	
	SELECTIVE CLEARING INTERSEEDING, CLASS 4A MULCH, METHOD 3

SIDEWALK LEGEND	
(A)	PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL PLAN
(B)	PROP. CURB RAMP IMPROVEMENT, SEE PD-01A
(C)	PROP. CURB RAMP IMPROVEMENT, SEE PD-01B
(D)	PROP. CURB RAMP IMPROVEMENT, SEE PD-01C
(E)	PROP. CURB RAMP IMPROVEMENT, SEE PD-02A
(F)	PROP. CURB RAMP IMPROVEMENT, SEE PD-02B
(G)	PROP. CURB RAMP IMPROVEMENT, SEE PD-02C
(H)	PROP. CURB RAMP IMPROVEMENT, SEE PD-03A
(I)	PROP. CURB RAMP IMPROVEMENT, SEE PD-04A
(J)	PROP. CURB RAMP IMPROVEMENT, SEE PD-06B



- NOTES:**
- 1) LIMIT OF RESURFACING ON THE SIDE- STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
 - 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
 - 3) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
 - 4) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.

LEGEND	
	SELECTIVE CLEARING INTERSEEDING, CLASS 4A MULCH, METHOD 3

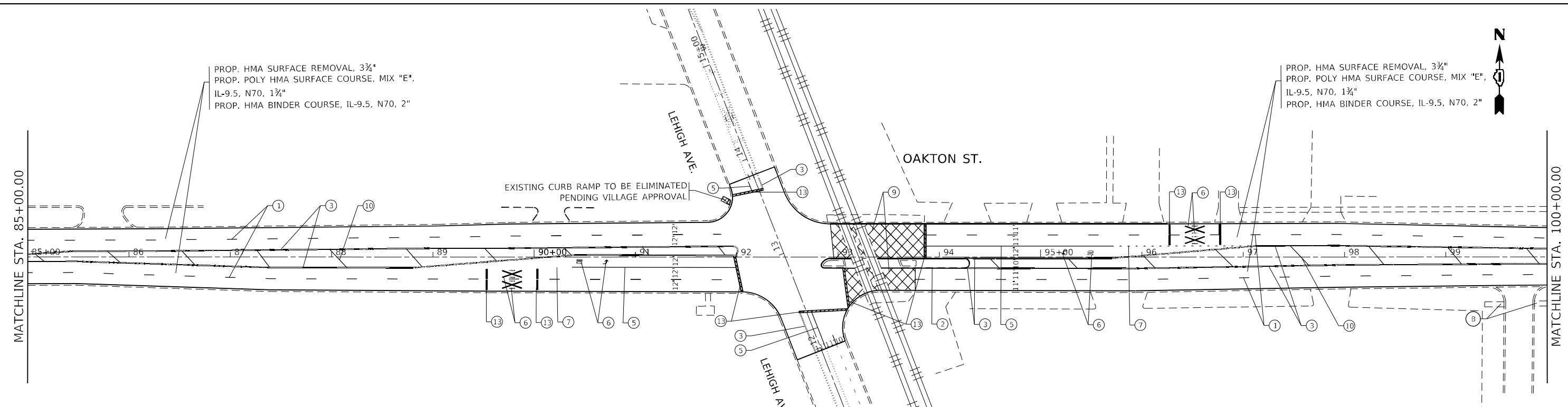
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/15/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKING PLAN OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-RS&SW	COOK	49	11
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				

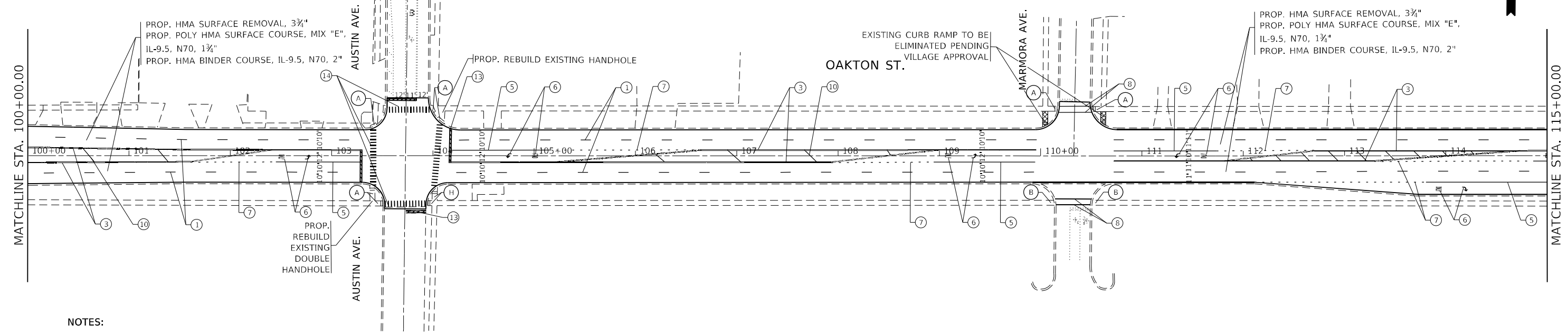
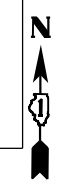


PAVEMENT MARKING LEGEND

- | | | |
|---|---|--|
| <p>① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH (TYP.)</p> <p>② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE (TYP.)</p> <p>③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)</p> <p>④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID WHITE LINE (TYP.)</p> <p>⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE LINE (TYP.)</p> <p>⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE (TYP.)</p> | <p>⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED WHITE LINE 2'-6" SPACING (TYP.)</p> <p>⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP.)</p> <p>⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DIAGONAL SOLID WHITE LINE @ 8' SPACING, 45° DIAGONAL (TYP.)</p> <p>⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.)</p> <p>⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID WHITE LINE @ 20' SPACING, 45° DIAGONAL (TYP.)</p> <p>⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE LINE GORE MARKING CHEVRONS (TYP.)</p> | <p>⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR (TYP.)</p> <p>⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE CONTINENTAL CROSSWALK (TYP.)</p> <p>⑮ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)</p> <p>⑯ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)</p> <p>⑰ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.)</p> |
|---|---|--|

SIDEWALK LEGEND

- | |
|---|
| <p>(A) PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL PLAN</p> <p>(B) PROP. CURB RAMP IMPROVEMENT, SEE PD-01A</p> <p>(C) PROP. CURB RAMP IMPROVEMENT, SEE PD-01B</p> <p>(D) PROP. CURB RAMP IMPROVEMENT, SEE PD-01C</p> <p>(E) PROP. CURB RAMP IMPROVEMENT, SEE PD-02A</p> <p>(F) PROP. CURB RAMP IMPROVEMENT, SEE PD-02B</p> <p>(G) PROP. CURB RAMP IMPROVEMENT, SEE PD-02C</p> <p>(H) PROP. CURB RAMP IMPROVEMENT, SEE PD-03A</p> <p>(I) PROP. CURB RAMP IMPROVEMENT, SEE PD-04A</p> <p>(J) PROP. CURB RAMP IMPROVEMENT, SEE PD-06B</p> |
|---|



NOTES:

- 1) LIMIT OF RESURFACING ON THE SIDE- STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
- 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
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- 4) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.

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PLOT DATE = 3/15/2022	DATE -	REVISED -

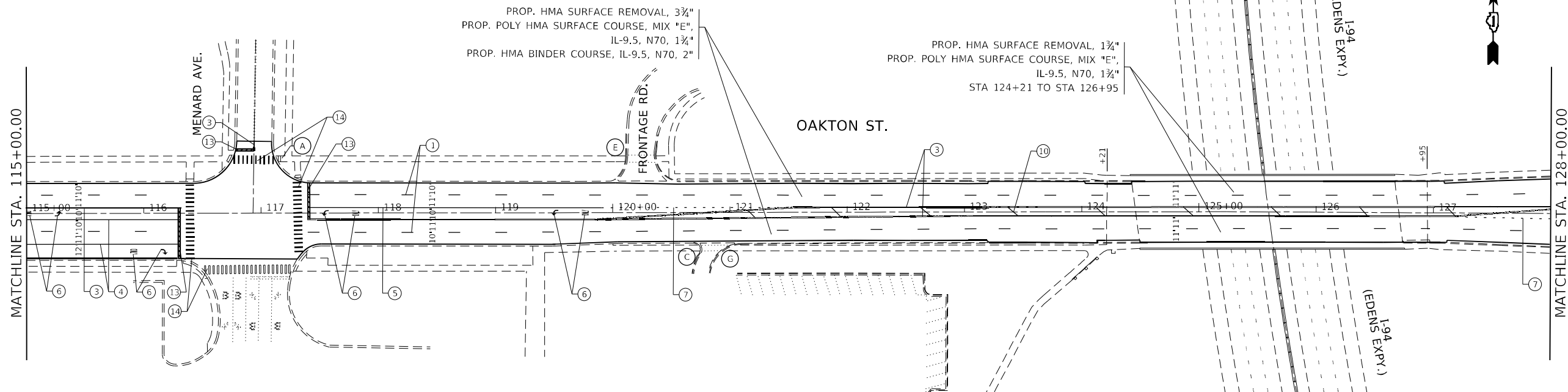
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-RS&SW	COOK	49	12
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				

NOTE: RESURFACING ON THE BRIDGE CANNOT USE VIBRATORY ROLLERS. A TEMPORARY SHOULDER CLOSURE ON I-94 IS RECOMMENDED WHILE MILLING / RESURFACING IS UNDERWAY TO ENSURE NO CONCRETE FALLS ONTO THE SHOULDERS.

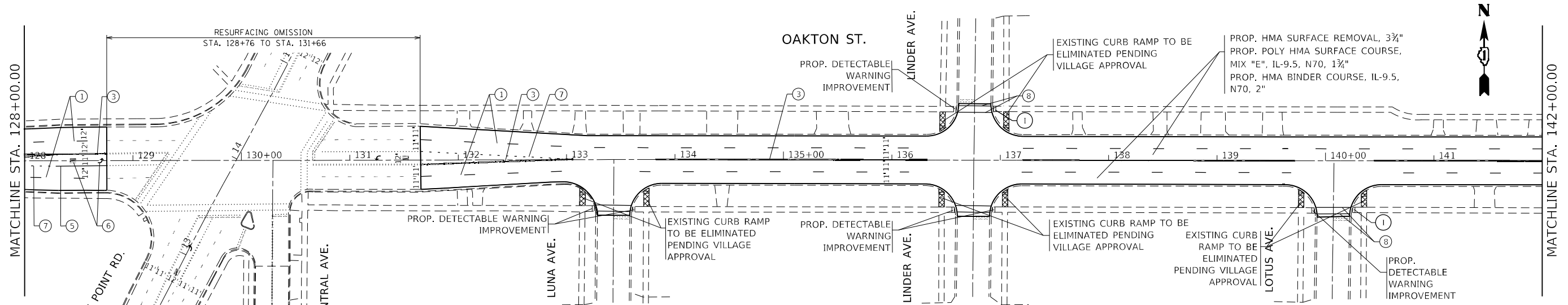


PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID WHITE LINE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE LINE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED WHITE LINE 2'-6" SPACING (TYP.)
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP.)
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DIAGONAL SOLID WHITE LINE @ 8' SPACING, 45° DIAGONAL (TYP.)
- ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.)
- ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID WHITE LINE @ 20' SPACING, 45° DIAGONAL (TYP.)
- ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE LINE GORE MARKING CHEVRONS (TYP.)
- ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR (TYP.)
- ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE CONTINENTAL CROSSWALK (TYP.)
- ⑮ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)
- ⑯ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
- ⑰ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.)

SIDEWALK LEGEND

- (A) PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL PLAN
- (B) PROP. CURB RAMP IMPROVEMENT, SEE PD-01A
- (C) PROP. CURB RAMP IMPROVEMENT, SEE PD-01B
- (D) PROP. CURB RAMP IMPROVEMENT, SEE PD-01C
- (E) PROP. CURB RAMP IMPROVEMENT, SEE PD-02A
- (F) PROP. CURB RAMP IMPROVEMENT, SEE PD-02B
- (G) PROP. CURB RAMP IMPROVEMENT, SEE PD-02C
- (H) PROP. CURB RAMP IMPROVEMENT, SEE PD-03A
- (I) PROP. CURB RAMP IMPROVEMENT, SEE PD-04A
- (J) PROP. CURB RAMP IMPROVEMENT, SEE PD-06B



NOTES:

- 1) LIMIT OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
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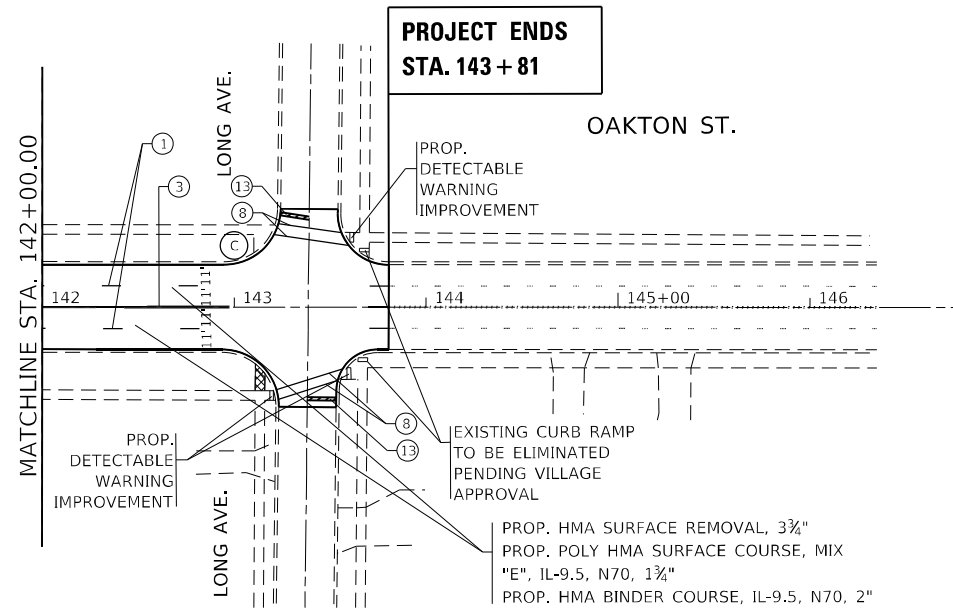
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-RS&SW	COOK	49	13
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH (TYP.) ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE (TYP.) ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.) ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID WHITE LINE (TYP.) ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE LINE (TYP.) ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE (TYP.) | <ul style="list-style-type: none"> ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED WHITE LINE 2'-6" SPACING (TYP.) ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP.) ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DIAGONAL SOLID WHITE LINE @ 8' SPACING, 45° DIAGONAL (TYP.) ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.) ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID WHITE LINE @ 20' SPACING, 45° DIAGONAL (TYP.) ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE LINE GORE MARKING CHEVRONS (TYP.) | <ul style="list-style-type: none"> ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR (TYP.) ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE CONTINENTAL CROSSWALK (TYP.) ⑮ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.) ⑯ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.) ⑰ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.) |
|--|--|---|

SIDEWALK LEGEND

- Ⓐ PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL PLAN
- Ⓑ PROP. CURB RAMP IMPROVEMENT, SEE PD-01A
- Ⓒ PROP. CURB RAMP IMPROVEMENT, SEE PD-01B
- Ⓓ PROP. CURB RAMP IMPROVEMENT, SEE PD-01C
- Ⓔ PROP. CURB RAMP IMPROVEMENT, SEE PD-02A
- Ⓕ PROP. CURB RAMP IMPROVEMENT, SEE PD-02B
- Ⓖ PROP. CURB RAMP IMPROVEMENT, SEE PD-02C
- Ⓗ PROP. CURB RAMP IMPROVEMENT, SEE PD-03A
- Ⓘ PROP. CURB RAMP IMPROVEMENT, SEE PD-04A
- ⓵ PROP. CURB RAMP IMPROVEMENT, SEE PD-06B

NOTES:

- 1) LIMIT OF RESURFACING ON THE SIDE- STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
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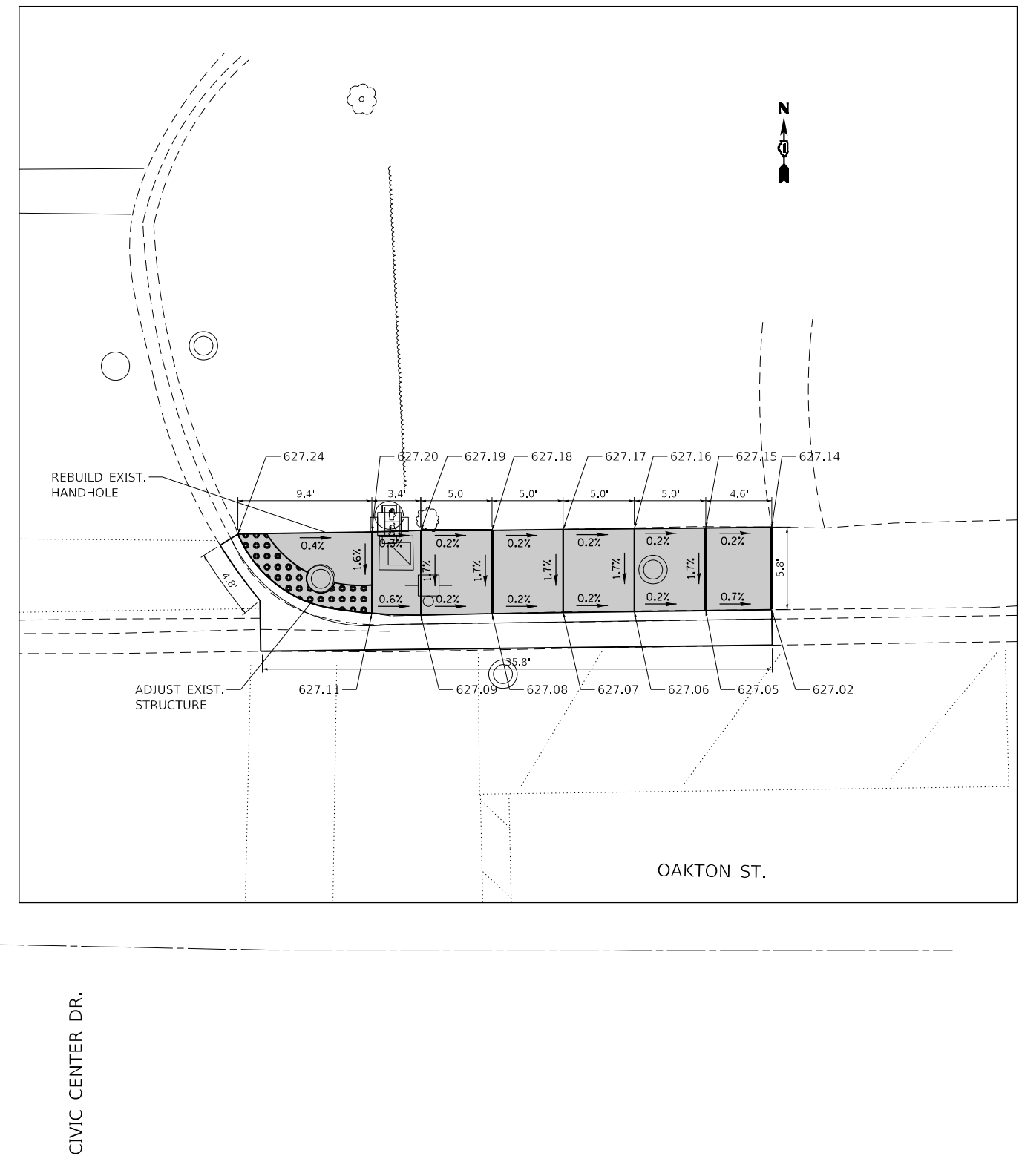
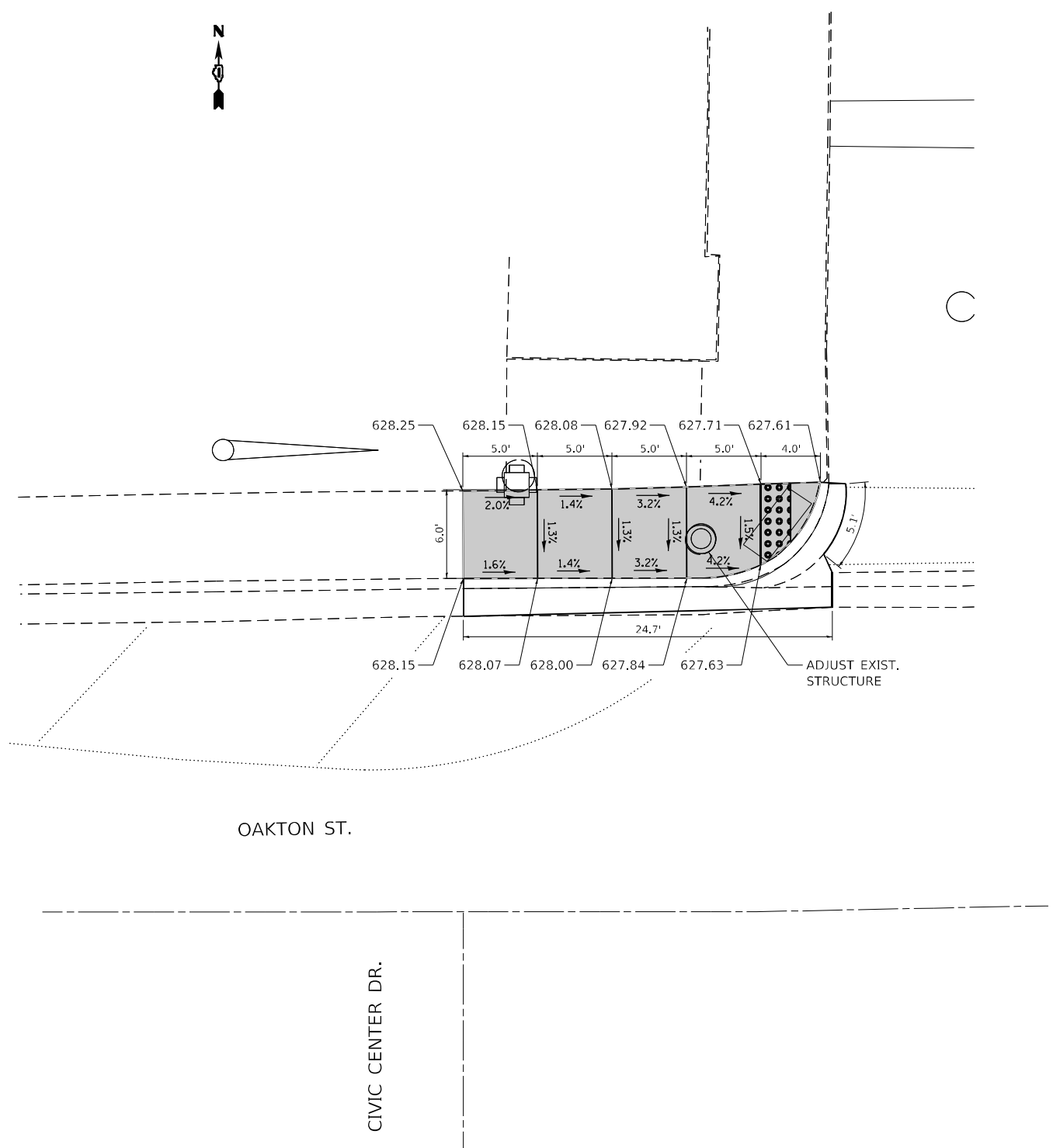
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
OAKTON STREET (WAUKEGAN ROAD TO LONG AVENUE)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-RS&SW	COOK	49	14
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV. 628.54
 BENCHMARK : SPIKE IN UTILITY POLE
 LOCATION : NORTH WEST CORNER OF OAKTON ST. AND CIVIC DR.

LEGEND

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

REFERENCE BENCHMARK ELEV. 628.54
 BENCHMARK : SPIKE IN UTILITY POLE
 LOCATION : NORTH WEST CORNER OF OAKTON ST. AND CIVIC DR.

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PLOT DATE = 3/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CURB RAMPS IMPROVEMENT PLANS
 OAKTON STREET AT CIVIC CENTER DRIVE**

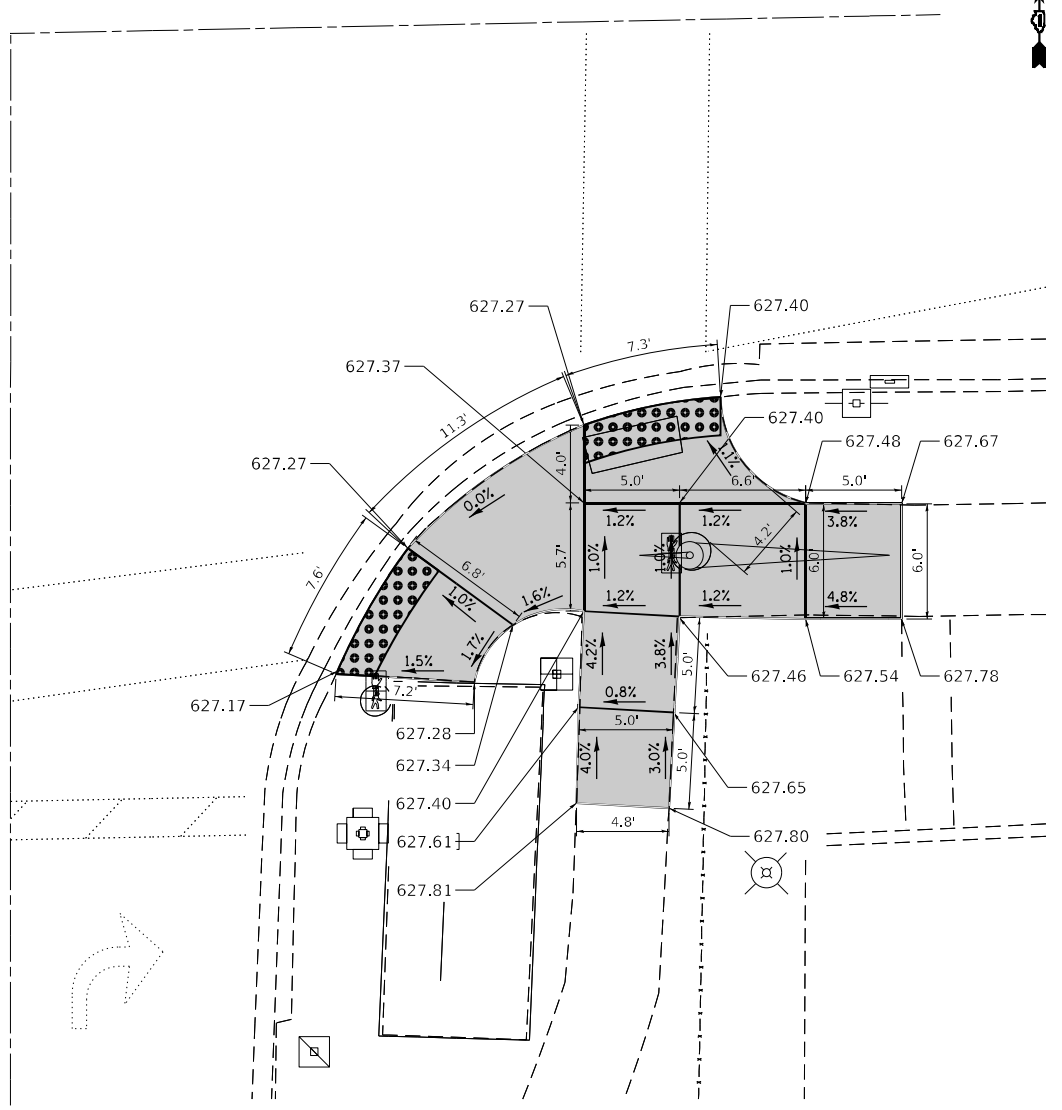
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	14A
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				

OAKTON ST.



CIVIC CENTER DR.



LEGEND

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

REFERENCE BENCHMARK ELEV. 628.54
 BENCHMARK : SPIKE IN UTILITY POLE
 LOCATION : NORTH WEST CORNER OF OAKTON ST. AND CIVIC DR.

USER NAME = elkhatibaj	DESIGNED -	REVISED -
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PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CURB RAMPS IMPROVEMENT PLANS
 OAKTON STREET AT CIVIC CENTER DRIVE**

SCALE: SHEET OF SHEETS STA. TO STA.

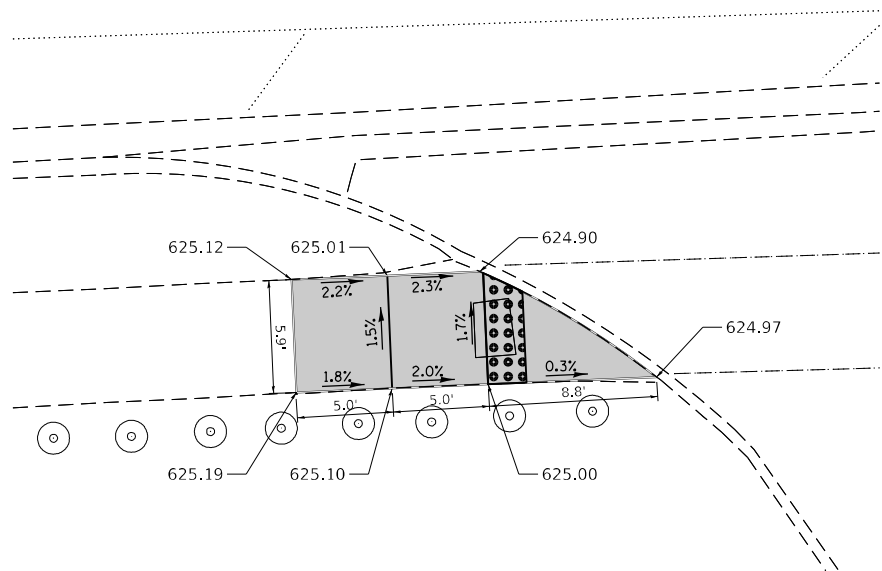
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	14B
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				

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NEW ENGLAND AVE.

OAKTON ST.



LEGEND

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

REFERENCE BENCHMARK ELEV. 626.64
 BENCHMARK : NORTH WEST BOLT OF FIRE HYDRANT
 LOCATION : NORTH WEST CORNER OF OAKTON ST. AND NEW ENGLAND AVE.

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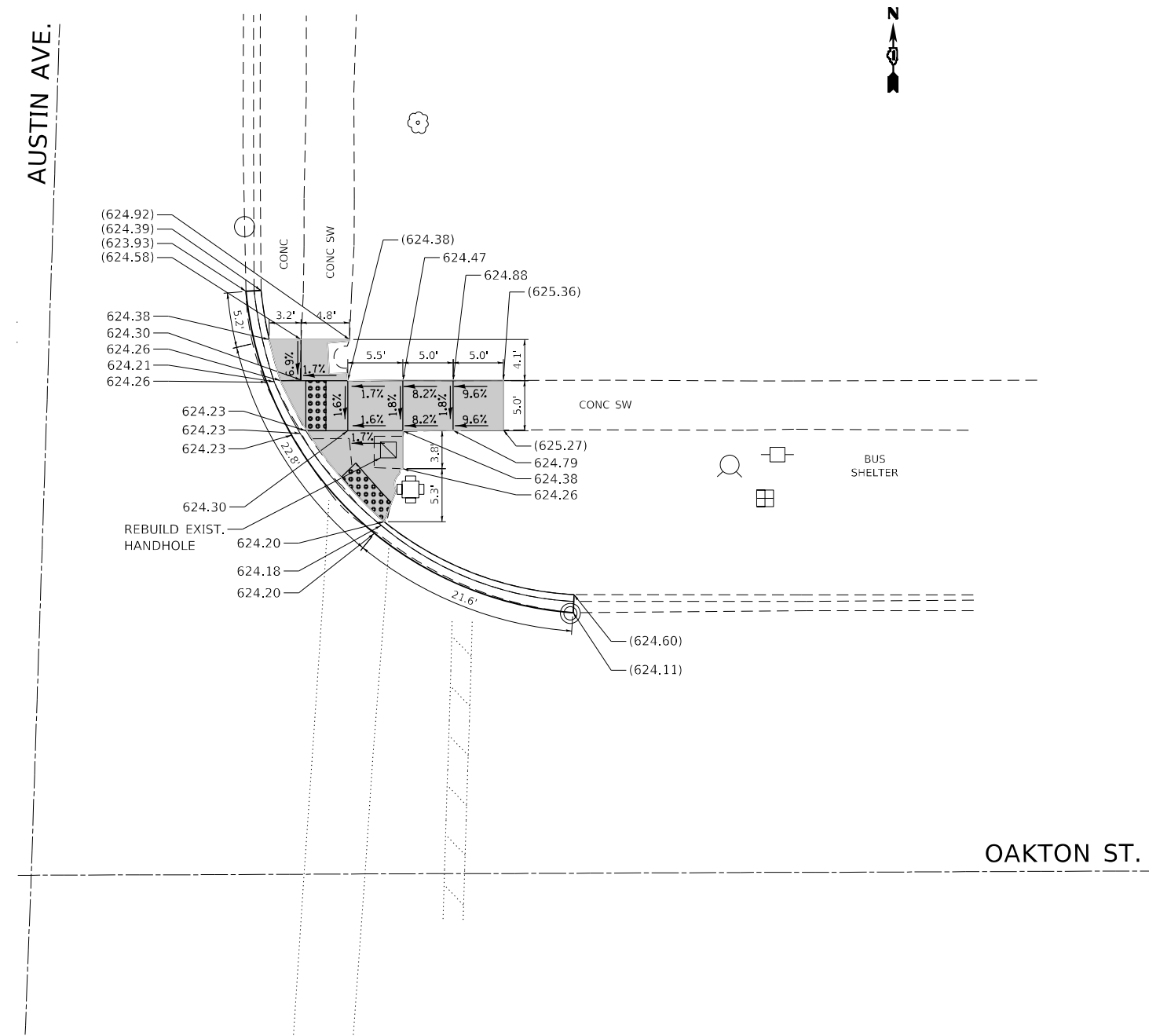
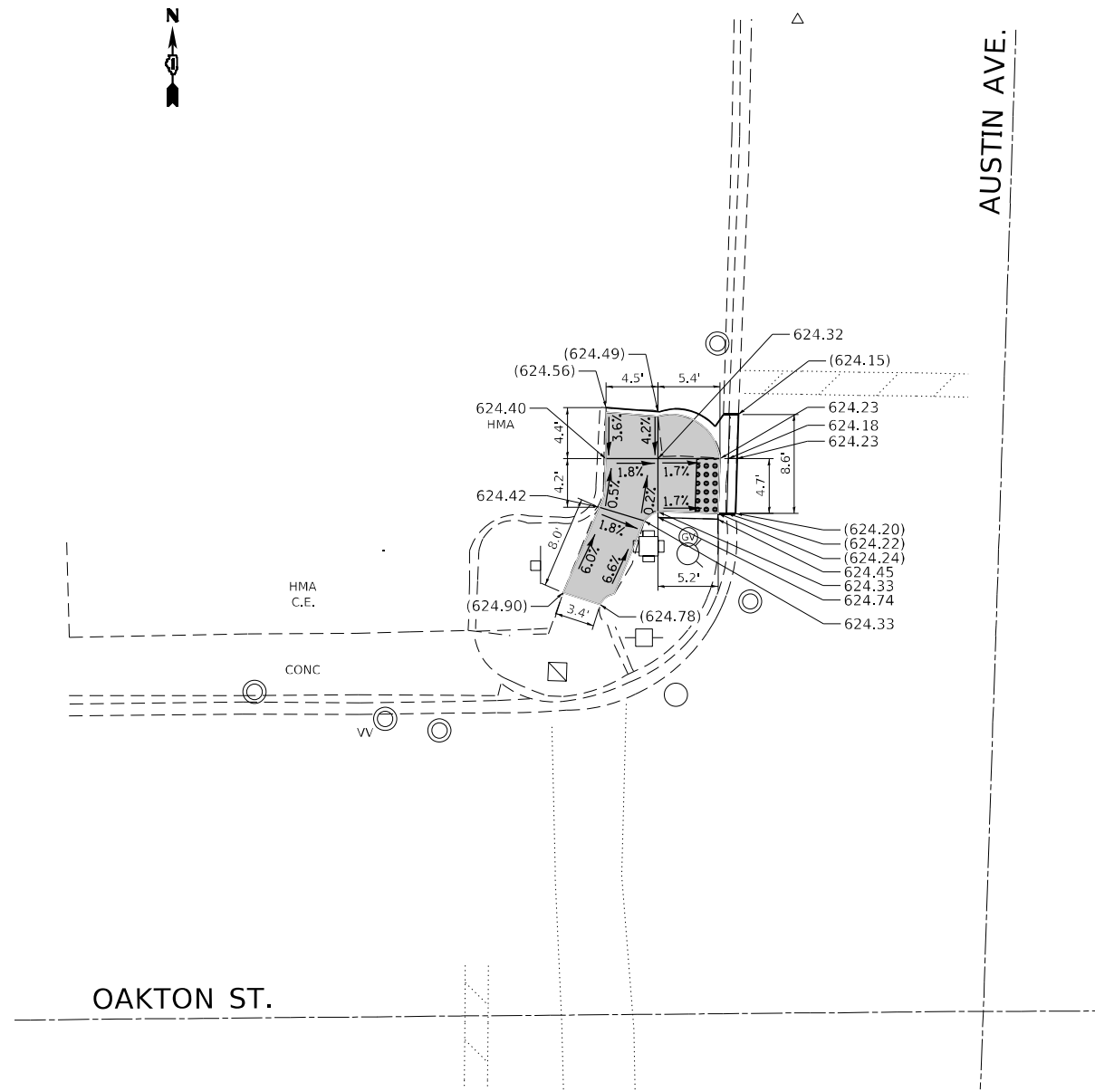
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMPS IMPROVEMENT PLANS
OAKTON STREET AT NEW ENGLAND AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	14C
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				

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REFERENCE BENCHMARK ELEV 625.67
 BENCHMARK : SQUARE TCB
 LOCATION : NORT EAST CORNER OF OAKTON ST. AND AUSTIN AVE.

LEGEND

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

REFERENCE BENCHMARK ELEV 625.67
 BENCHMARK : SQUARE TCB
 LOCATION : NORT EAST CORNER OF OAKTON ST. AND AUSTIN AVE.

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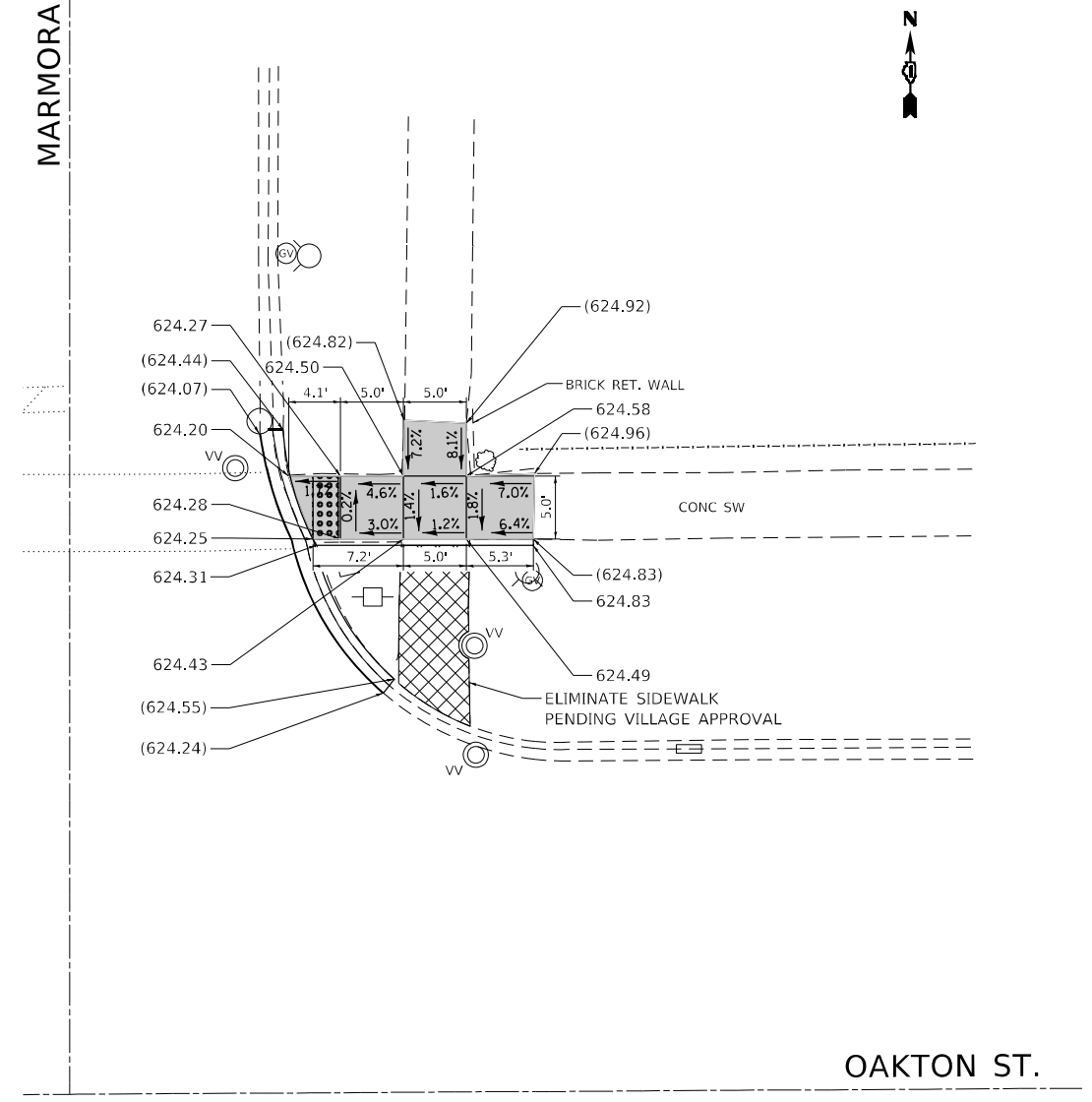
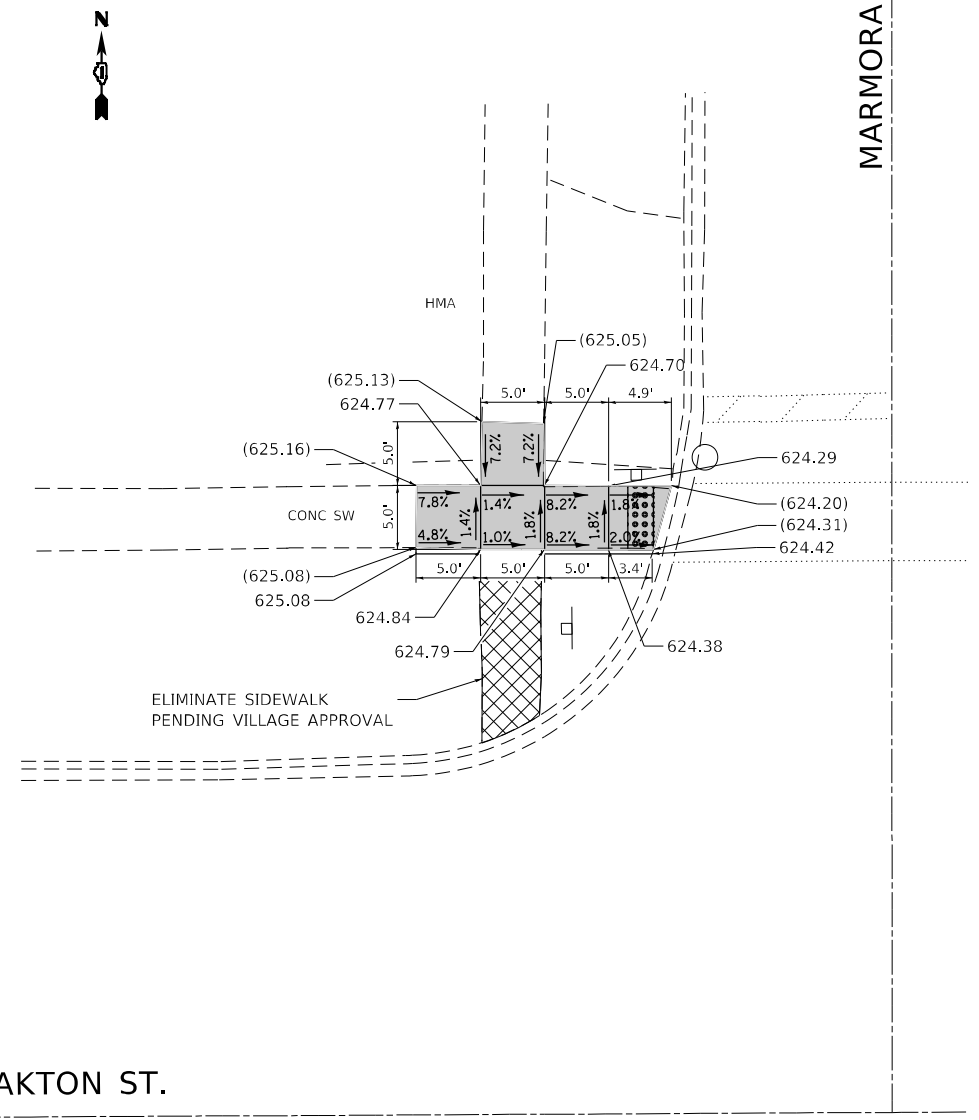
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PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**CURB RAMPS IMPROVEMENT PLANS
 OAKTON STREET AT AUSTIN AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 1332	SECTION 2021-107-R5&SW	COUNTY COOK	TOTAL SHEETS 49	SHEET NO. 15
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 627.12
 BENCHMARK : EAST BOLT ON FIRE HYDRANT
 LOCATION : NORT EAST CORNER OF OAKTON ST. AND MARMORA AVE.

LEGEND

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

REFERENCE BENCHMARK ELEV 627.12
 BENCHMARK : EAST BOLT ON FIRE HYDRANT
 LOCATION : NORT EAST CORNER OF OAKTON ST. AND MARMORA AVE.

MODEL: Default
 FILE: Marmora_2021-107-R5&SW.dwg
 PROJECT: C:\Users\elknad\Documents\DOT Office\District 1\Projects\11922\11922\CADD\DATA\Design\11922_1-Sub-Details.dgn

USER NAME = elknad	DESIGNED -	REVISED -
DRAWN -	CHECKED -	REVISED -
PLOT SCALE = 10,0000 * / in.	DATE -	REVISED -
PLOT DATE = 2/10/2022		

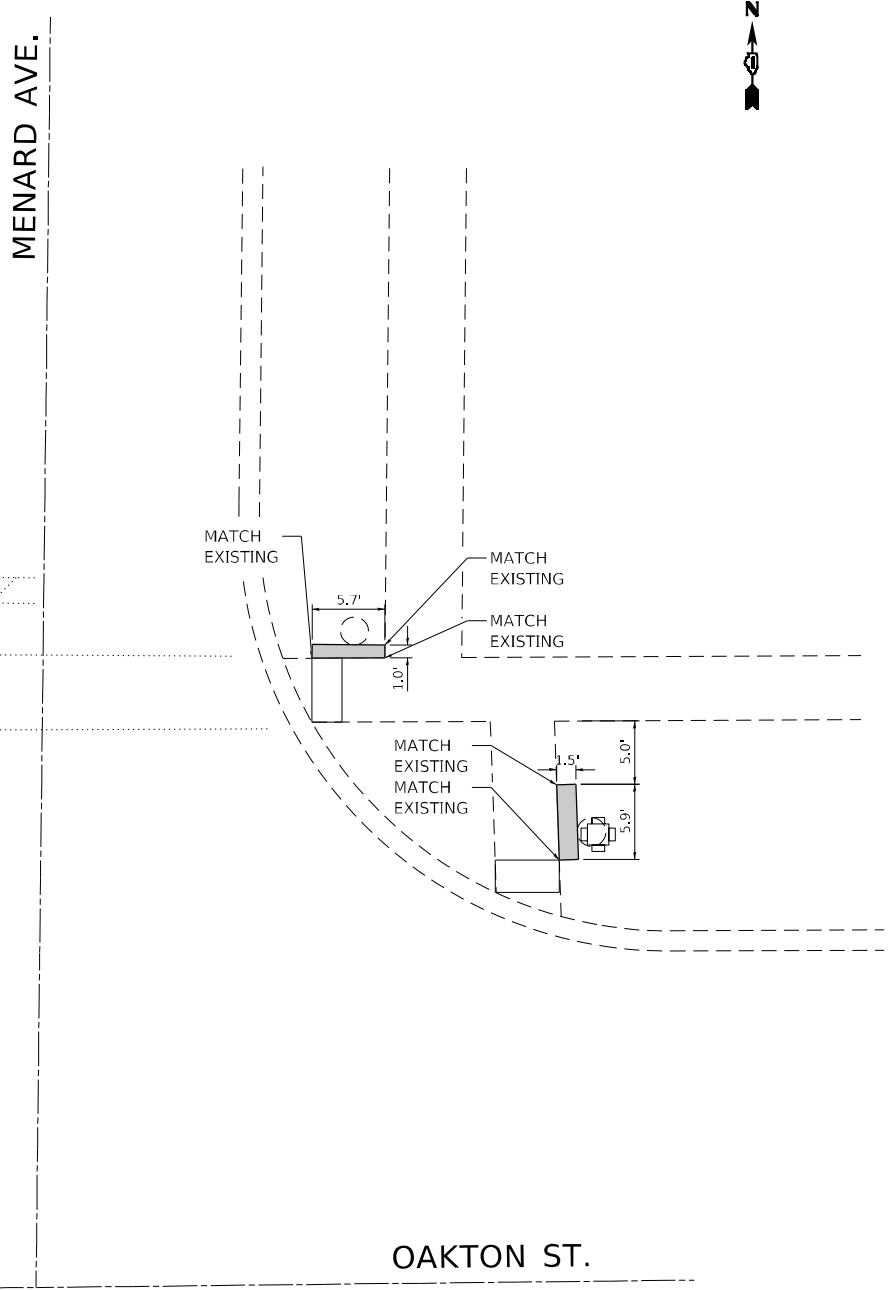
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMPS IMPROVEMENT PLANS
OAKTON STREET AT MARMORA AVENUE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	17
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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 PROJECT: C:\Users\elknadibaj\Documents\DOT Office\District_11\Project\119221\COData\Design\119221_sht-details.dgn



REFERENCE BENCHMARK ELEV.

BENCHMARK :

LOCATION :

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.

BENCHMARK :

LOCATION :

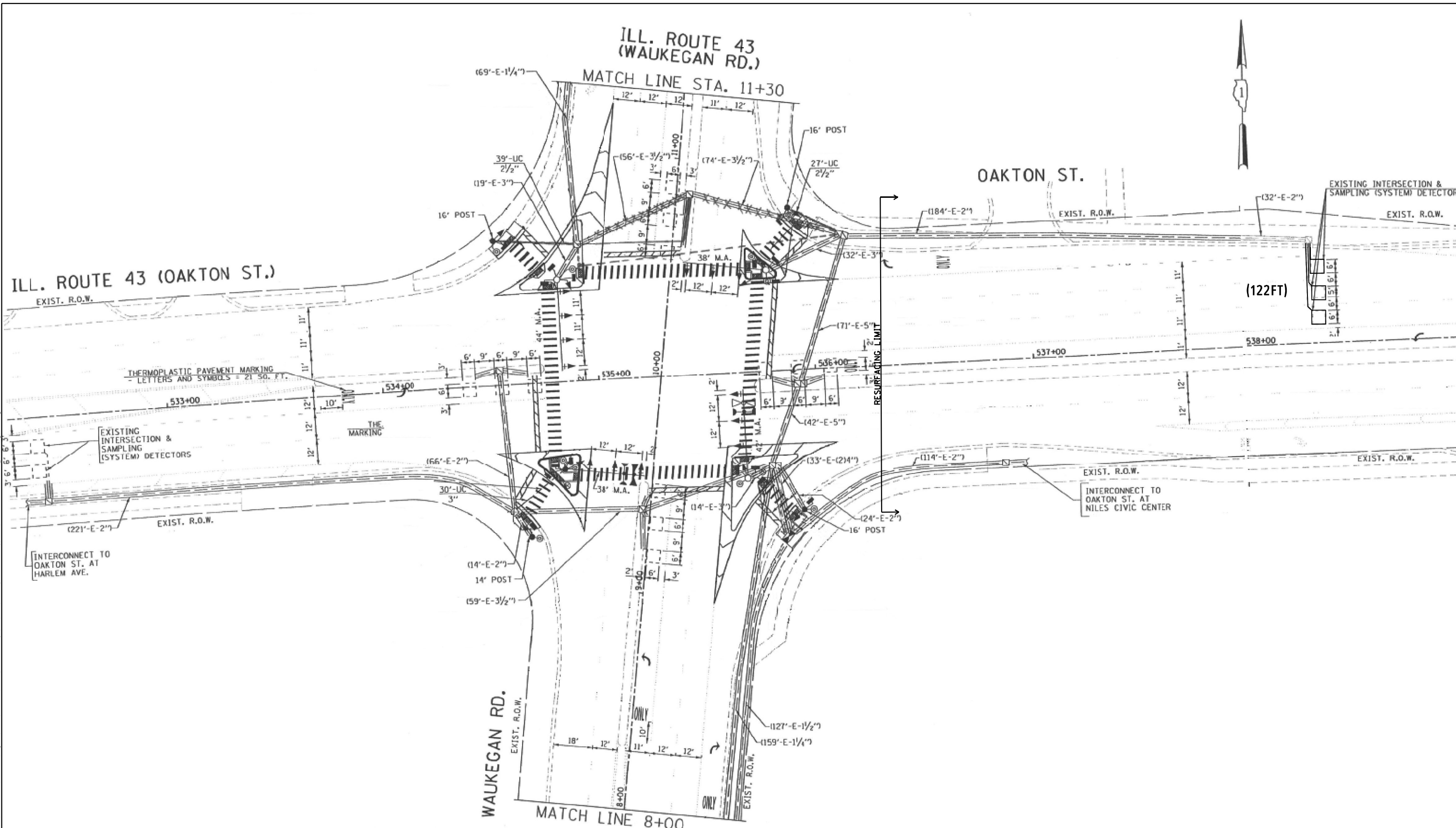
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CURB RAMPS IMPROVEMENT PLANS
 OAKTON STREET AT MEDNARD AVENUE

SCALE: SHEET OF SHEETS STA. TO STA.

USER NAME = elknadibaj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	18
CONTRACT NO. 62P32				
ILLINOIS		FED. AID PROJECT		



NOTES:

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

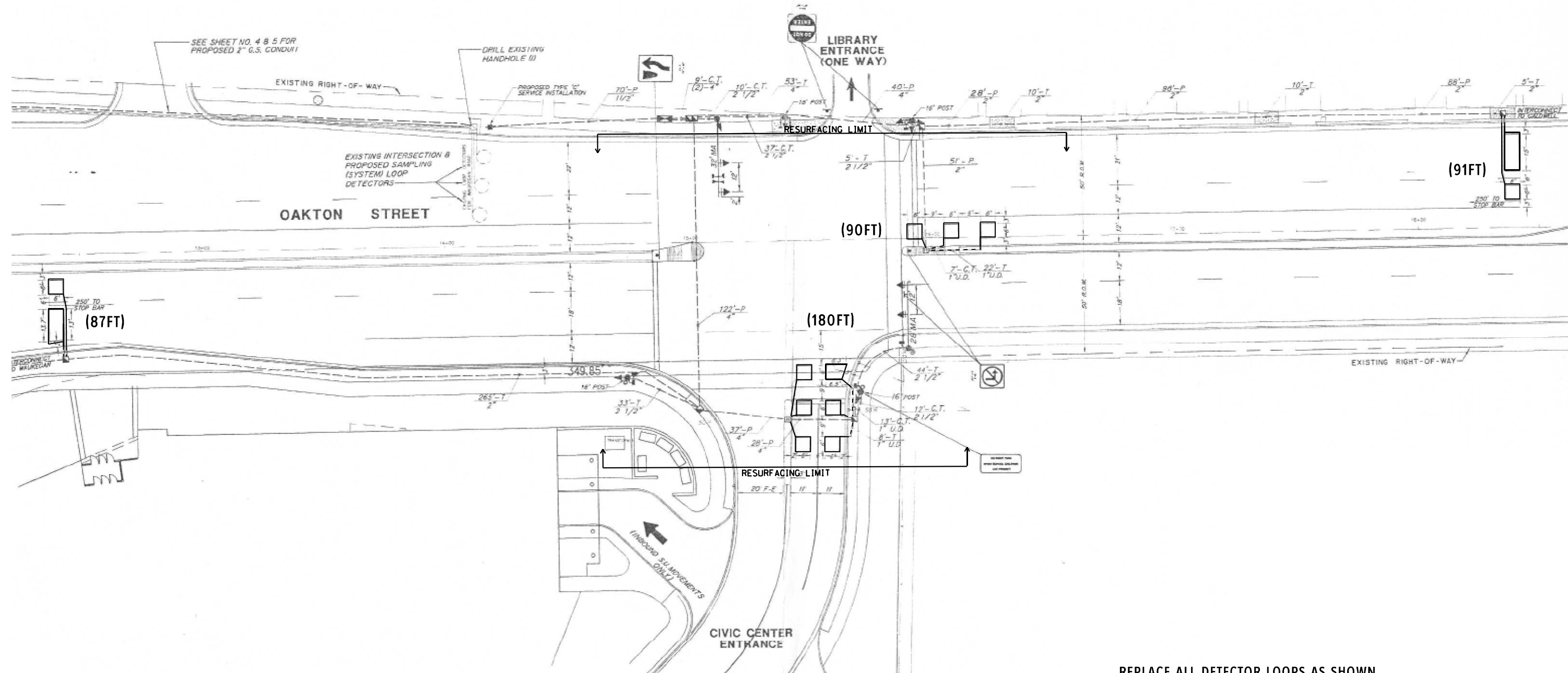
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	122	FOOT

TS#2085

USER NAME = mezag PLOT SCALE = 40,0000 * / in. PLOT DATE = 2/2/2022	DESIGNED - Steven M. Nguyen DRAWN - Gonzalo Meza CHECKED - Steven M. Nguyen DATE - 01/28/2022	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN OAKTON ST. AT WAUKEGAN RD.	F.A. RTE. 1332 SECTION 2021-107-R5&SW COUNTY COOK TOTAL SHEETS 49 SHEET NO. 19 CONTRACT NO. 62P32 ILLINOIS FED. AID PROJECT
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- NOTES:**
- 1.- WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
 - 2.- THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	448	FOOT

TS#2087

MODEL: Default
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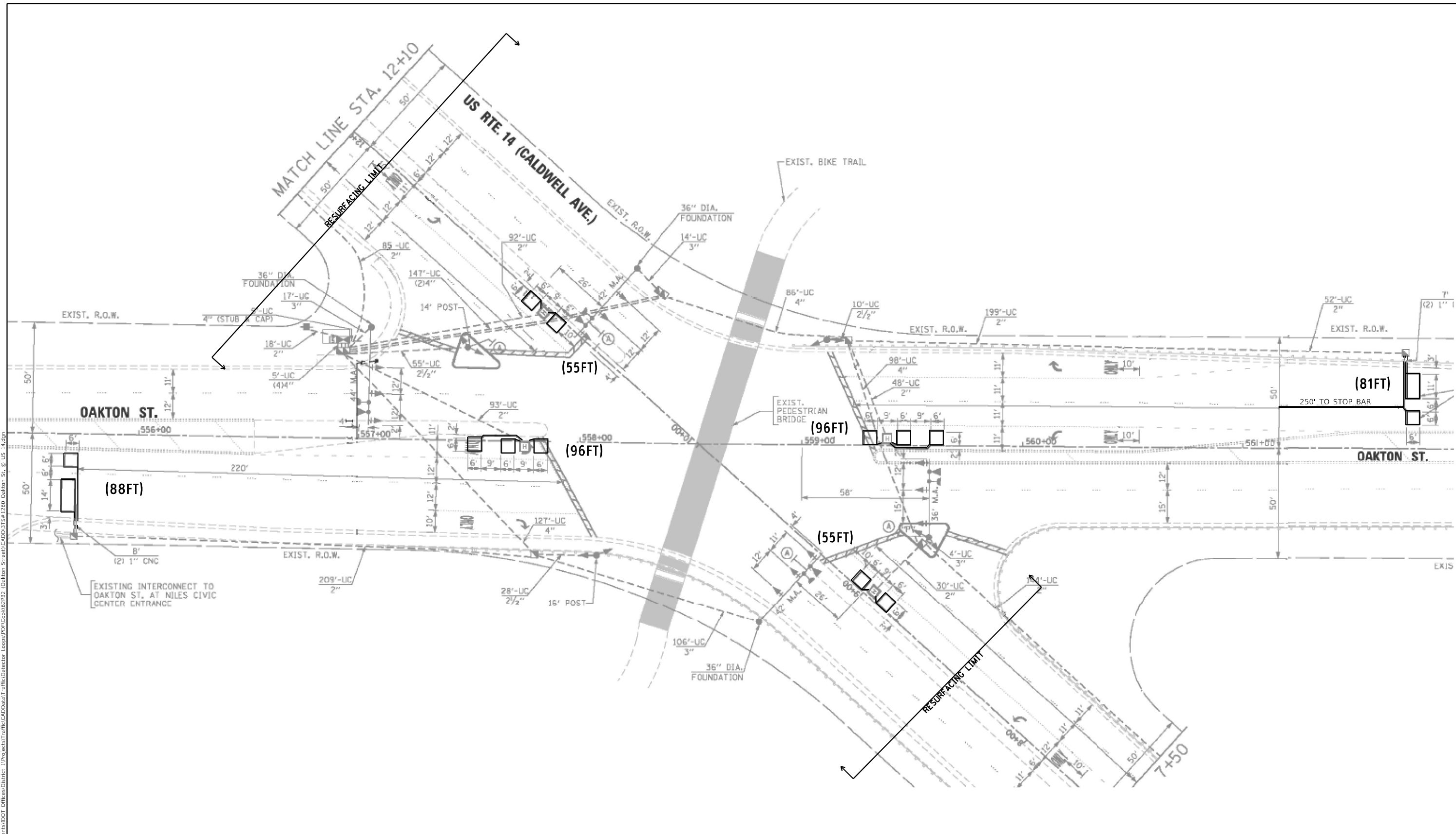
USER NAME = mezag	DESIGNED - Steven M. Nguyen	REVISED -
	DRAWN - Gonzalo Meza	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - Steven M. Nguyen	REVISED -
PLOT DATE = 2/8/2022	DATE - 01/28/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN OAKTON ST. AT NILES CIVIC CENTER DR.			
SCALE:	SHEET	OF	SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	20
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				

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

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	471	FOOT

TS#1260

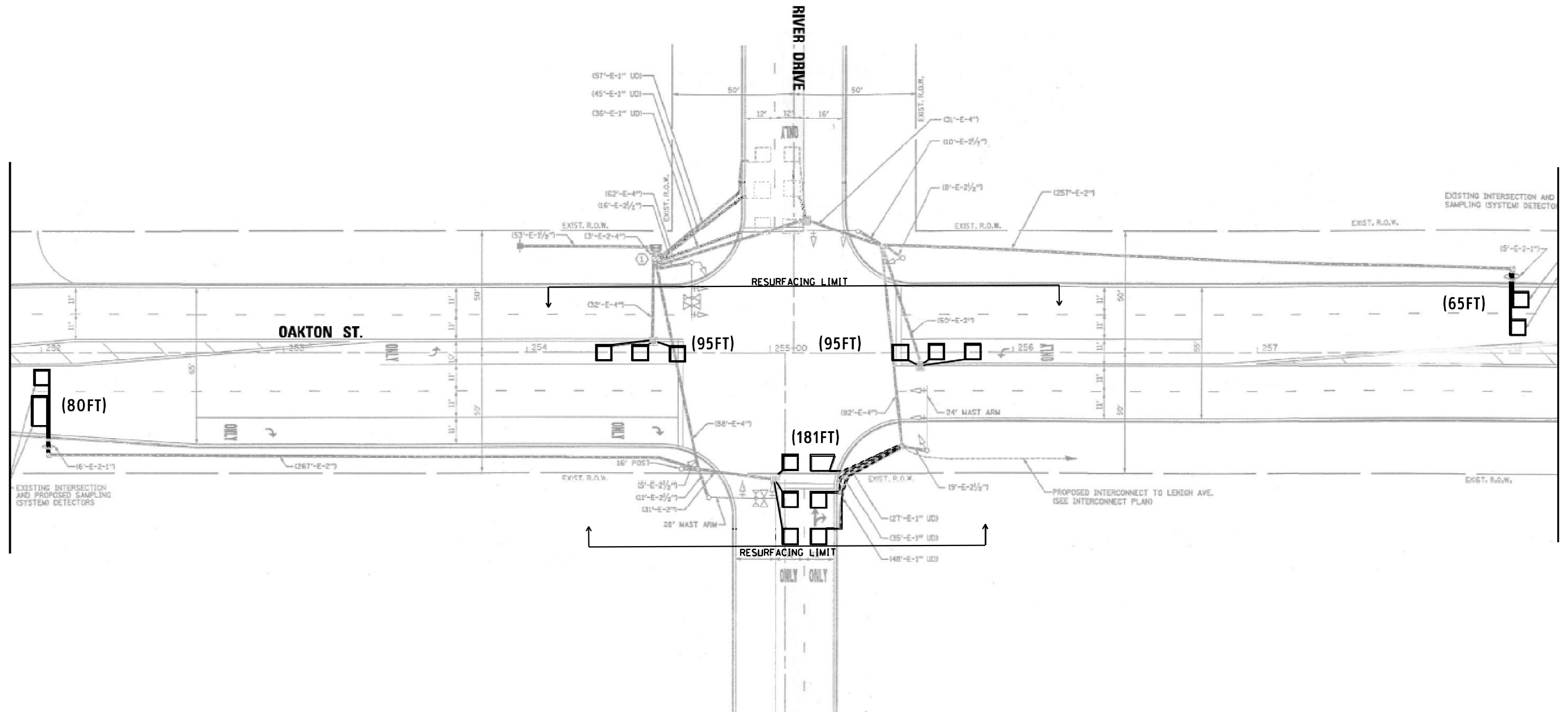
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PLOT SCALE = 40,0000 * / in.	DRAWN - Gonzalo Meza	REVISED -
PLOT DATE = 2/8/2022	CHECKED - Steven M. Nguyen	REVISED -
	DATE - 01/28/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
OAKTON ST. AT US 14 (CALDWELL AVE.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	21
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	516	FOOT

TS#5448

MODEL: Default
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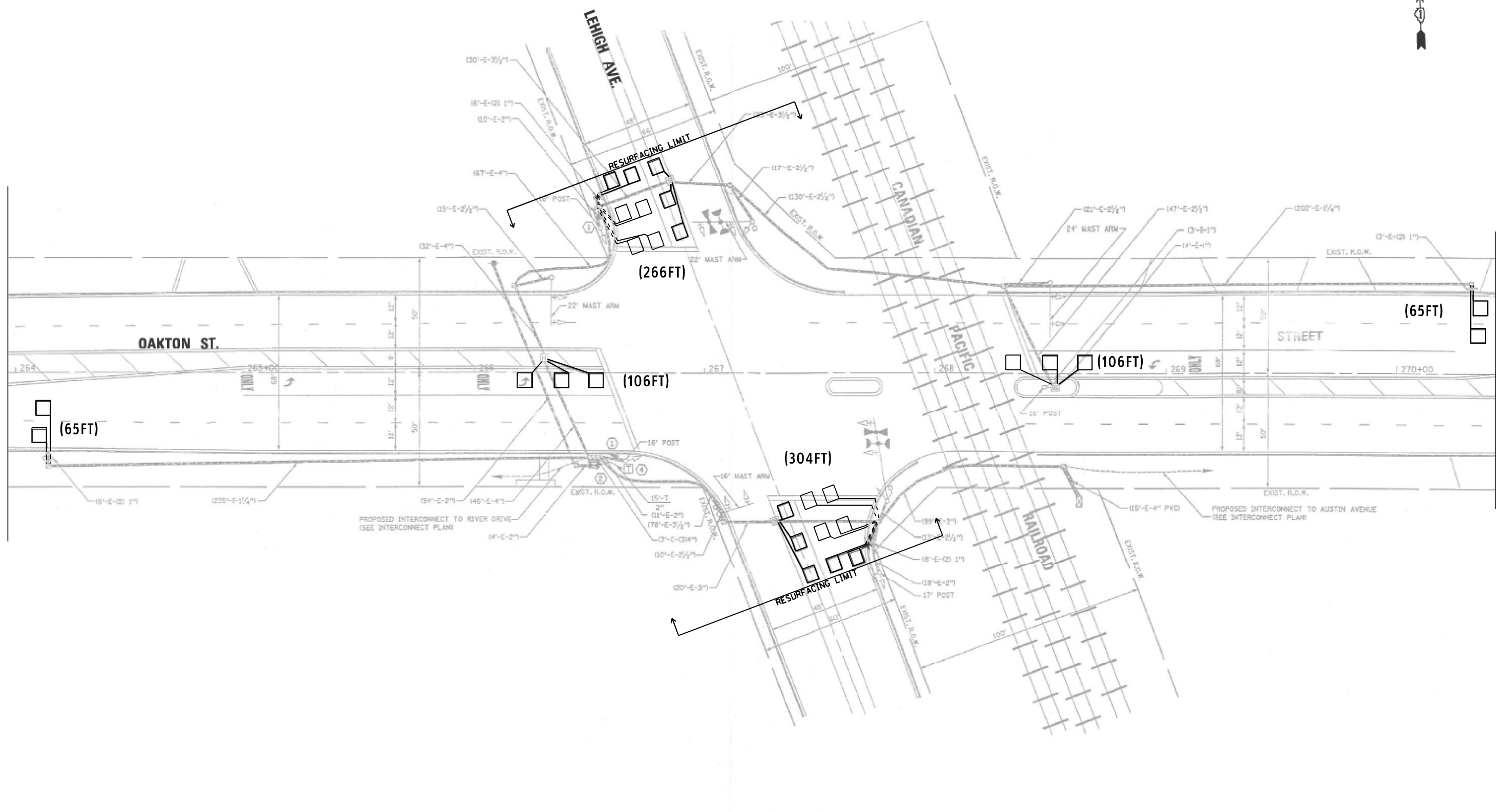
USER NAME = mezag	DESIGNED - Steven M. Nguyen	REVISED -
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PLOT SCALE = 40,0000 * / in.	CHECKED - Steven M. Nguyen	REVISED -
PLOT DATE = 2/8/2022	DATE - 01/28/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
OAKTON ST. AT RIVER DR.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	22
				CONTRACT NO. 62P32
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	912	FOOT

TS#5450

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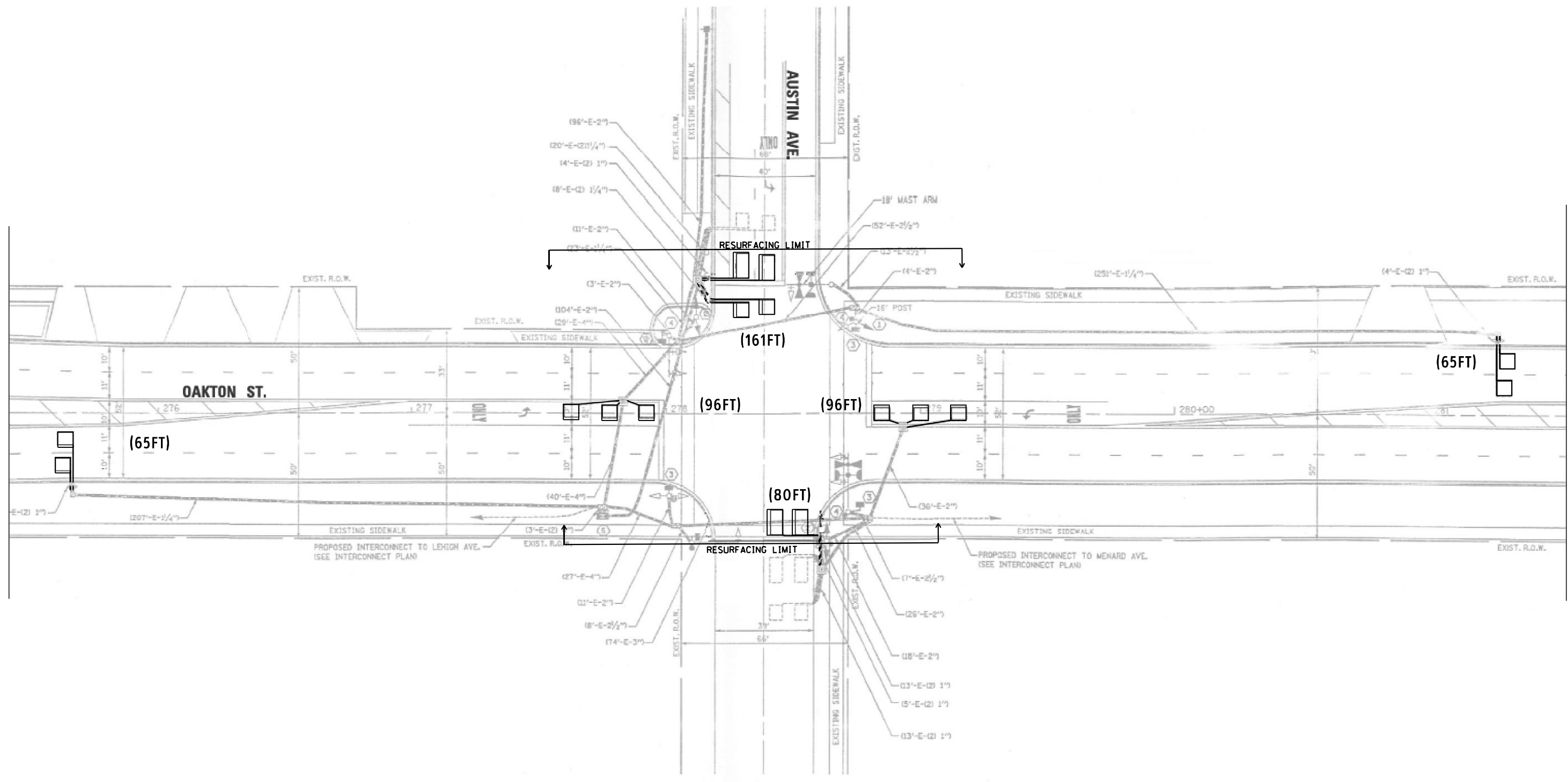
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PLOT DATE = 2/8/2022	DATE - 01/28/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
OAKTON ST. AT LEHIGH AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62P32	



NOTES:

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

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	563	FOOT

TS#14325

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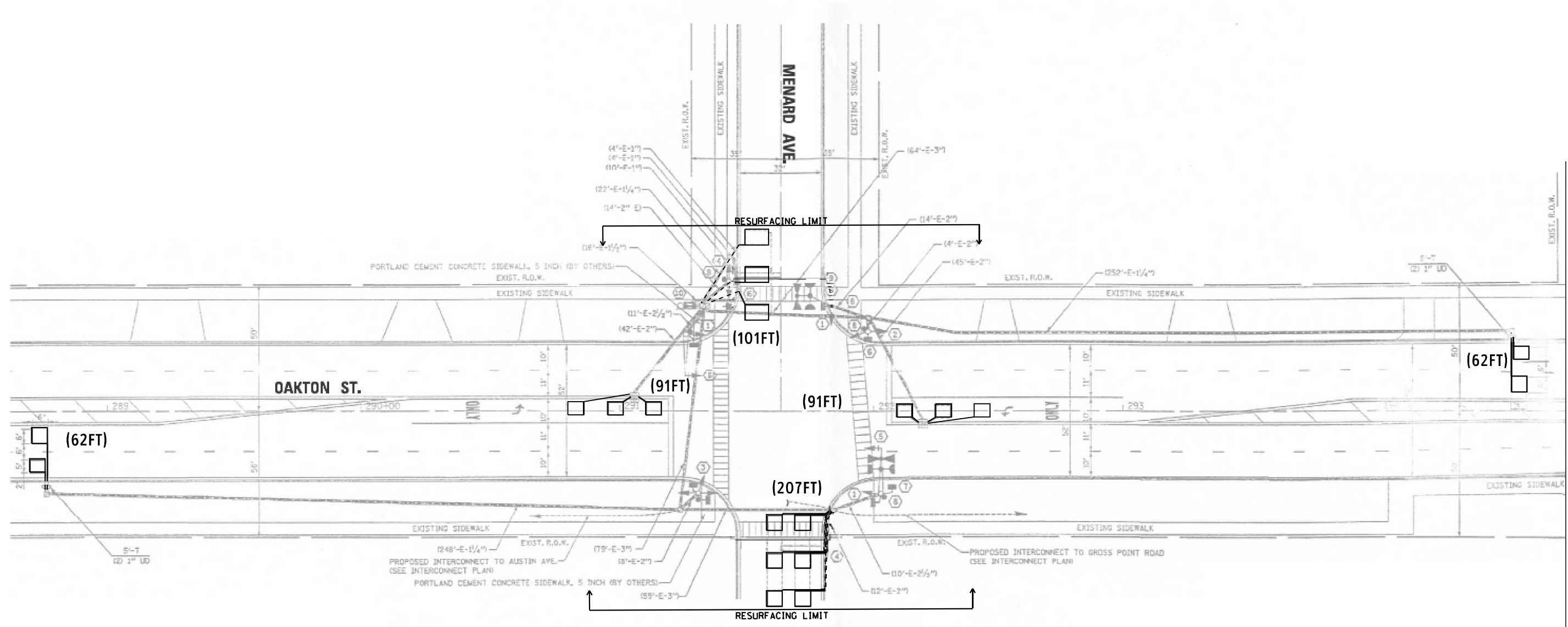
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PLOT SCALE = 40,0000 * / in.	DRAWN - Gonzalo Meza	REVISED -
PLOT DATE = 2/4/2022	CHECKED - Steven M. Nguyen	REVISED -
	DATE - 01/28/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
OAKTON ST. AT AUSTIN AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	24
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	614	FOOT

TS#14330

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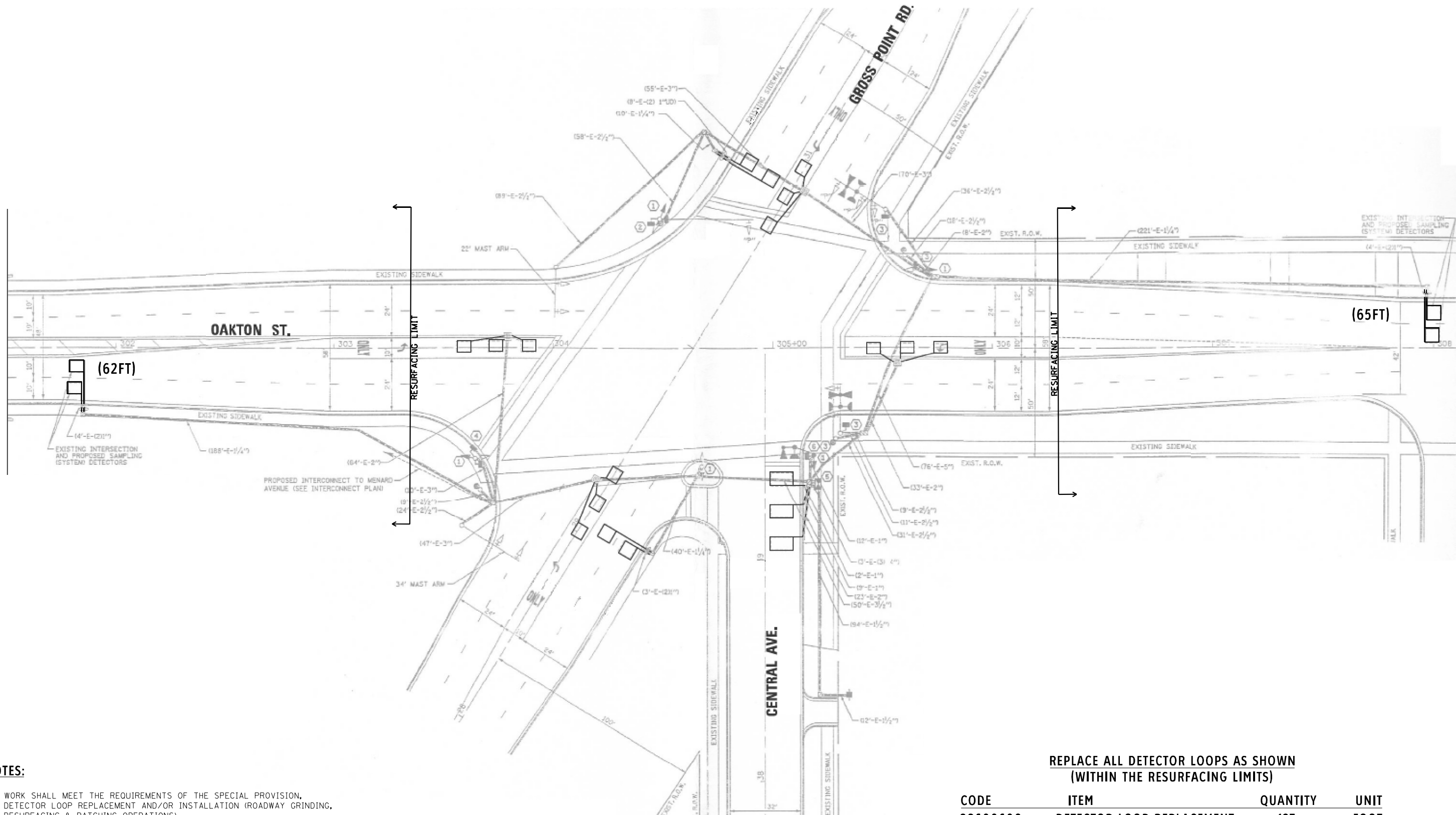
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	DRAWN - Gonzalo Meza	REVISED -
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PLOT DATE = 2/4/2022	DATE - 01/28/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
OAKTON ST. AT MENARD AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	25
CONTRACT NO. 62P32				
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	127	FOOT

TS#5255

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
OAKTON ST. AT GROSS POINT RD.**

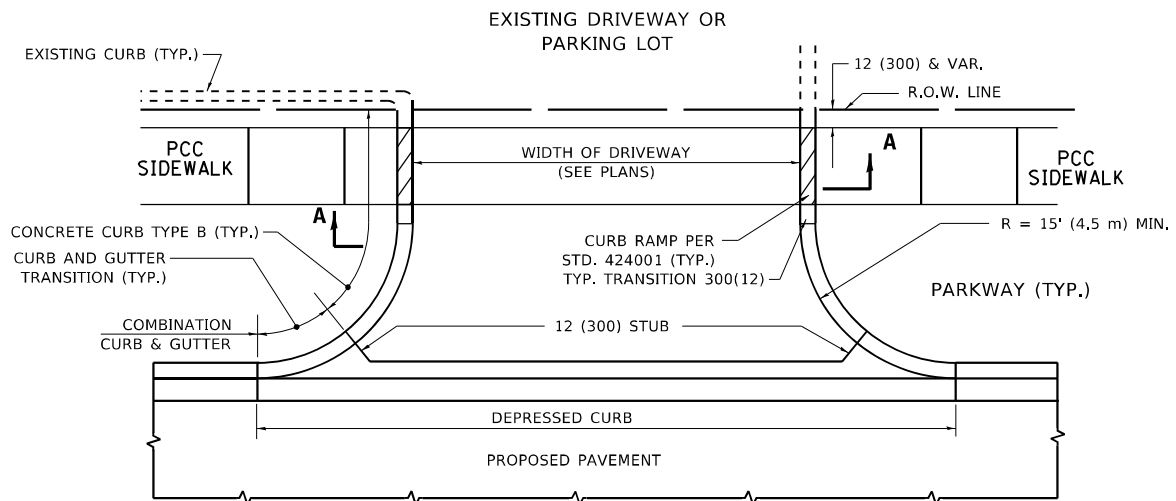
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1332	2021-107-R5&SW	COOK	49	26
CONTRACT NO. 62P32				

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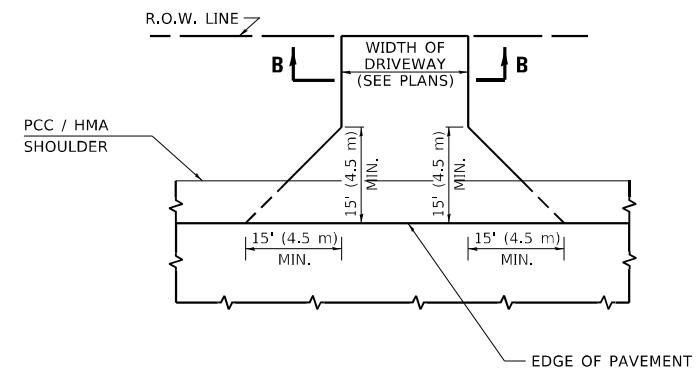
ILLINOIS FED. AID PROJECT

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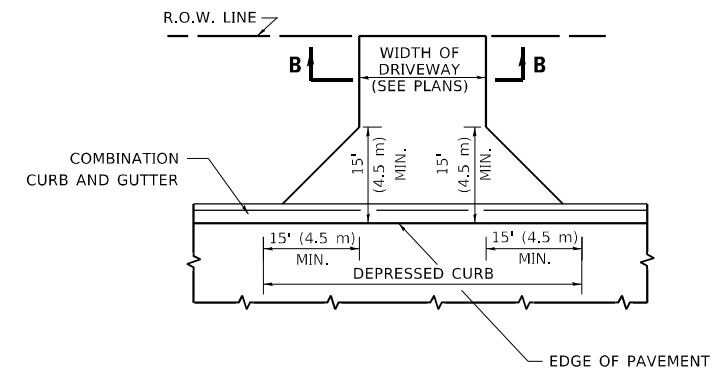
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	DATE - 01/28/2022	REVISED -



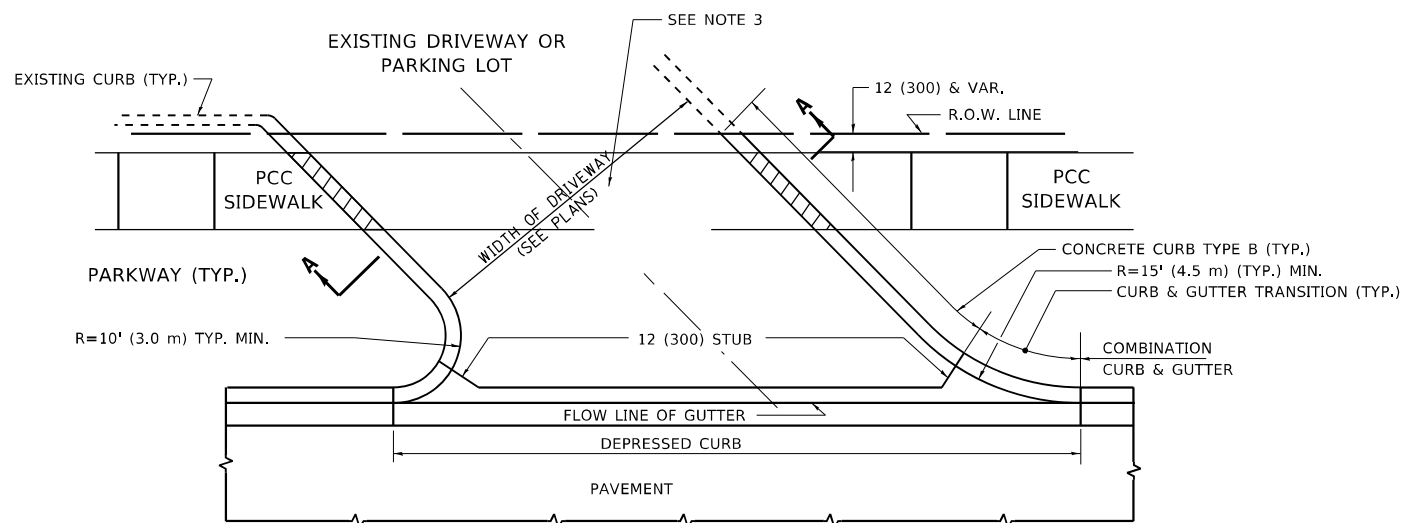
WITH CONCRETE CURB, TYPE B



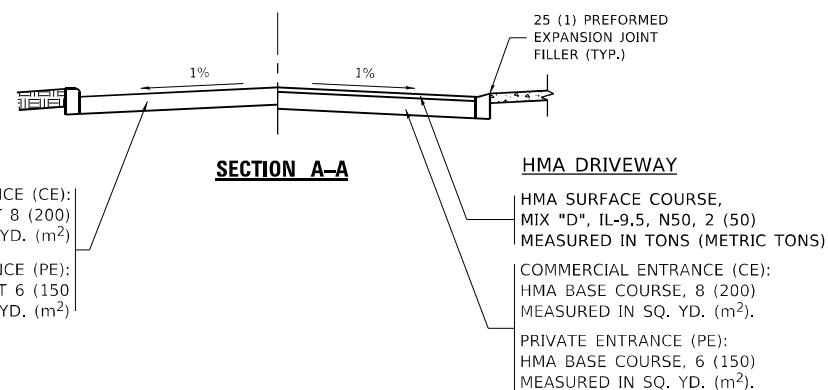
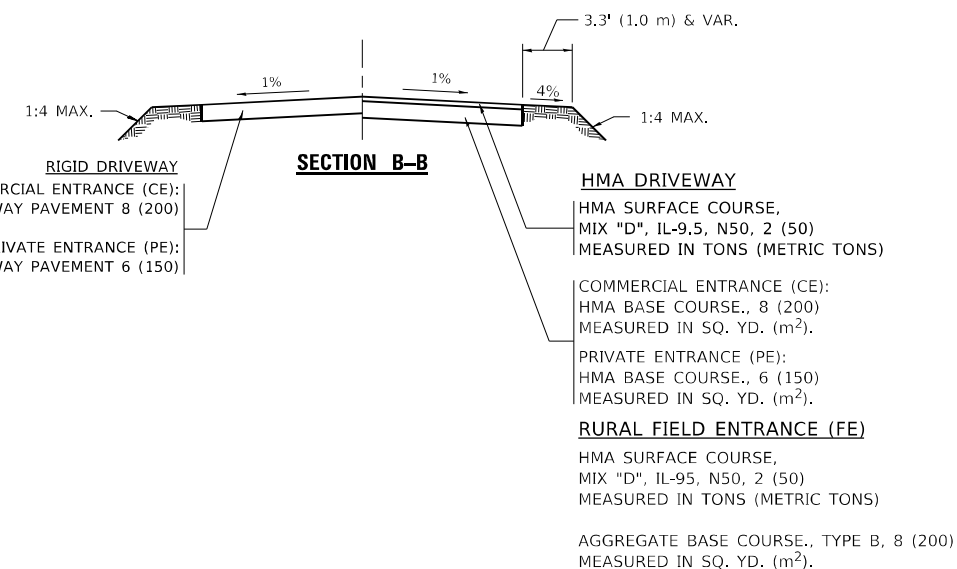
ADJACENT TO PCC / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

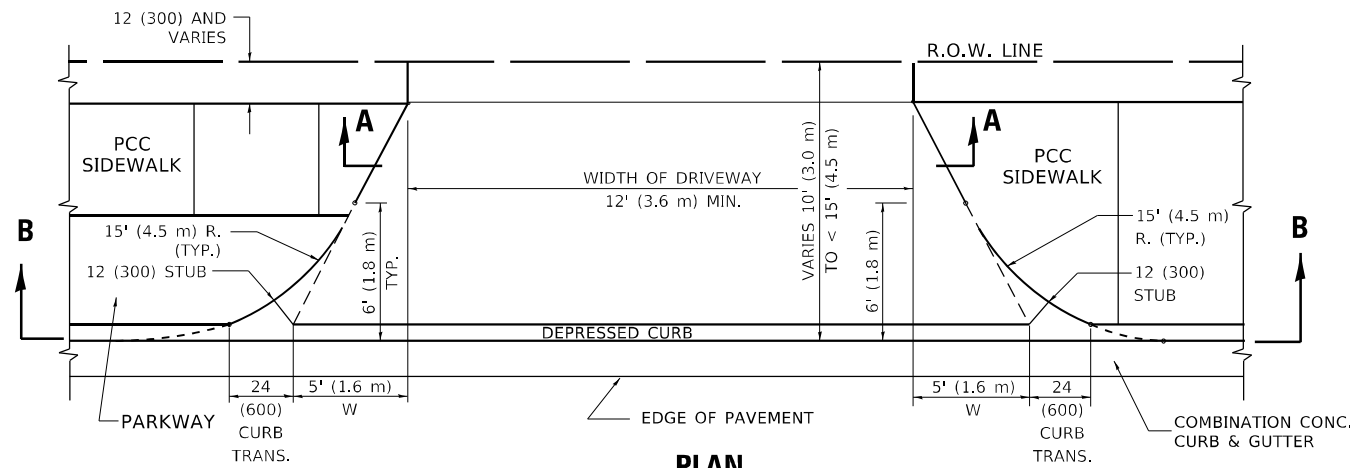
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USER NAME = elkhaj	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED - R. BORO 09-06-11
PLOT DATE = 2/10/2022	CHECKED -	REVISED - K. SMITH 08-28-19
	DATE - 11-04-95	REVISED - K. SMITH 02-01-22

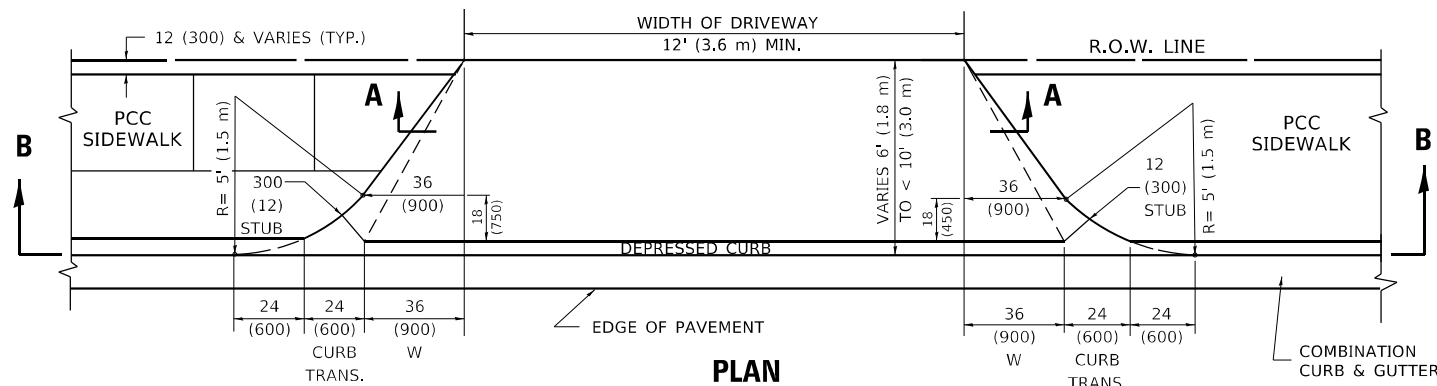
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	

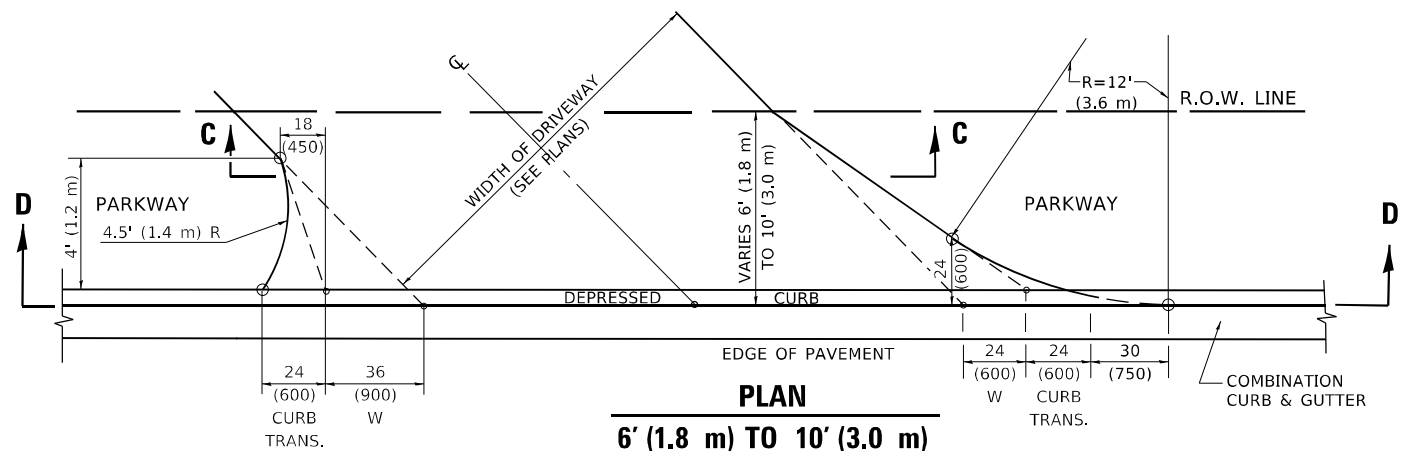
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	27
BD400-01 (BD-01)			CONTRACT NO. 62P32	
ILLINOIS FED. AID PROJECT				



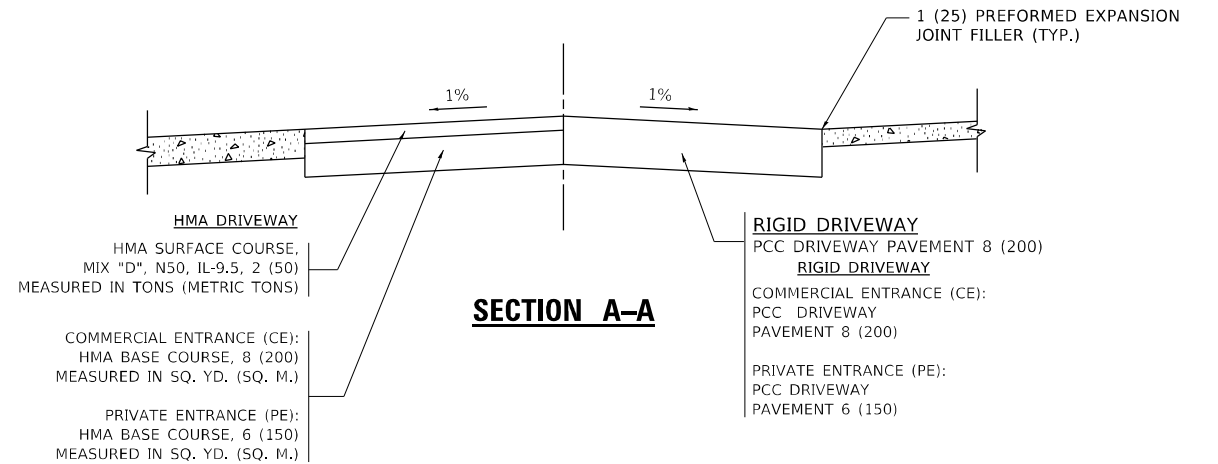
PLAN
10' (3.0 m) TO < 15' (4.5 m)



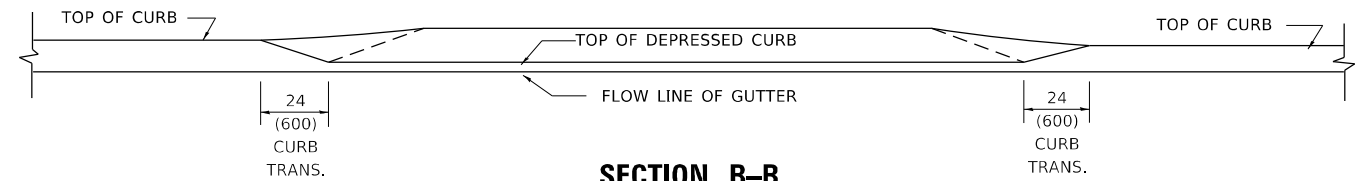
PLAN
6' (1.8 m) TO < 10' (3.0 m)



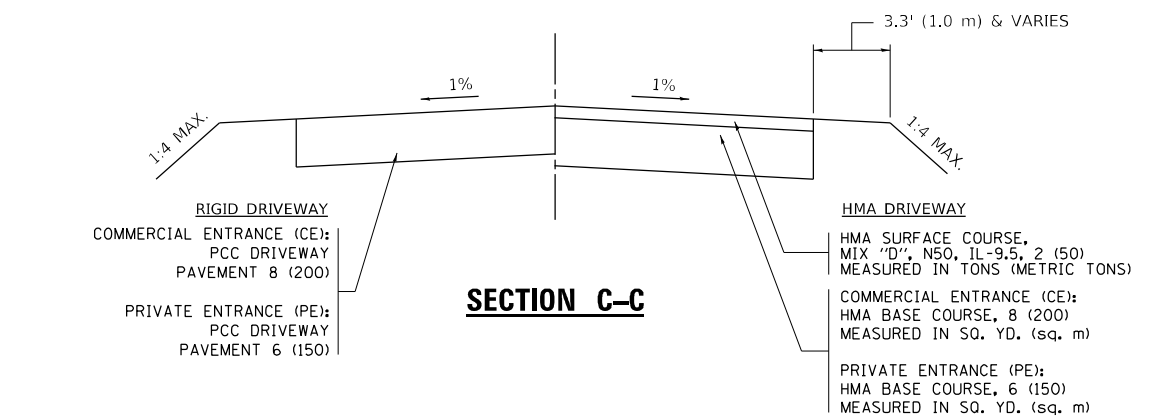
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6' (1.8 m) TO 10' (3.0 m)



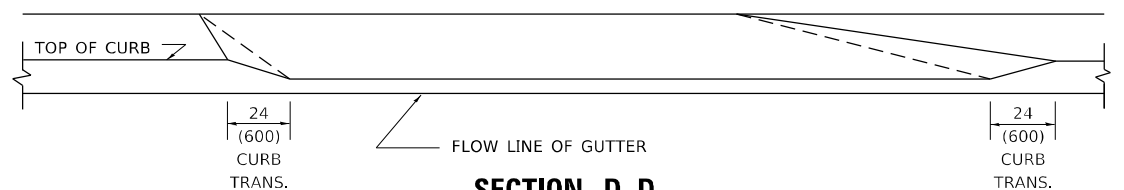
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
- WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
- "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

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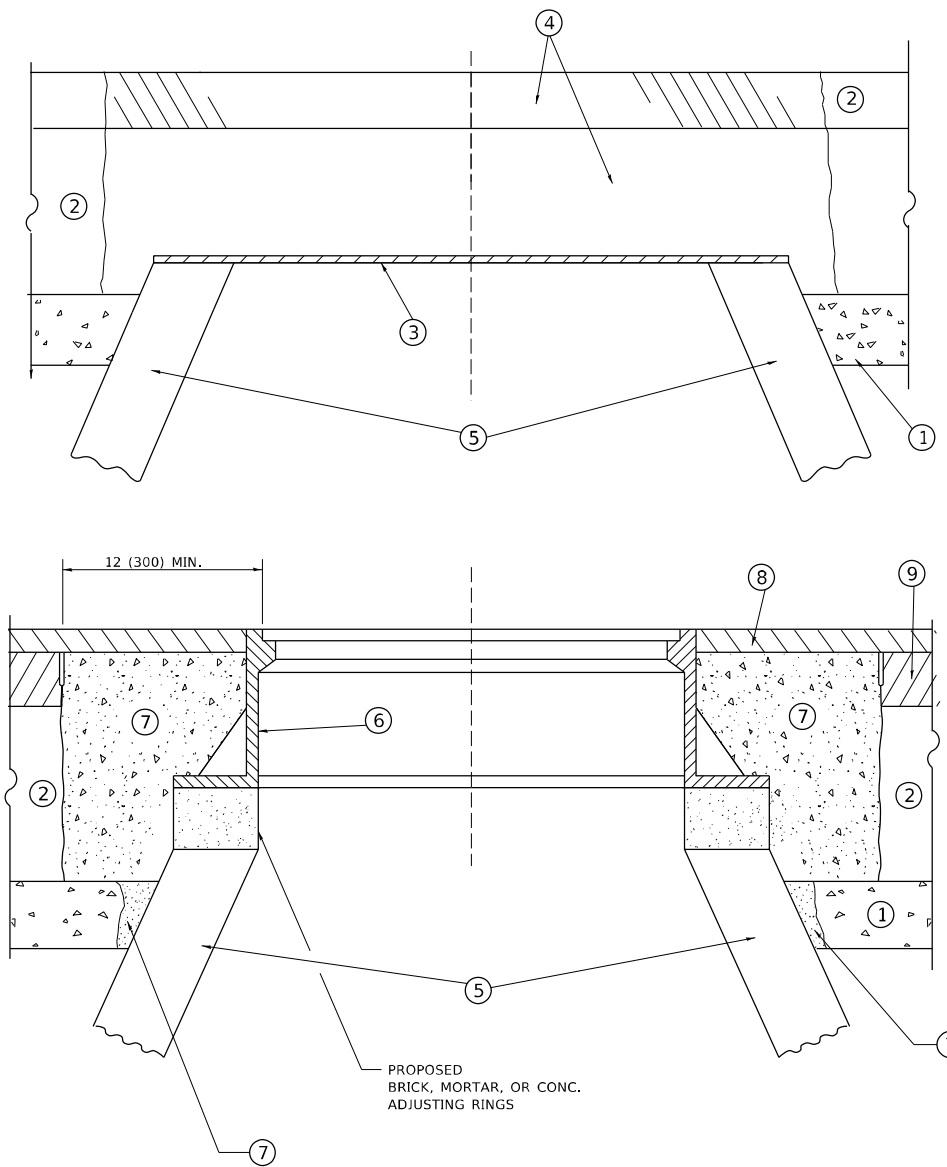
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PLOT DATE = 2/10/2022	DATE - 11-06-95	REVISED - K. SMITH 08-27-19
		REVISED - K. SMITH 02-01-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	28
BD400-02 (BD-02)		CONTRACT NO. 62P32		
ILLINOIS FED. AID PROJECT				



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

NOTES

1. 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.
2. 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.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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 HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).

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 | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS*PP-1 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

1. 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)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. 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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	DRAWN -	REVISED - R. BORO 03-09-11
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - R. BORO 12-06-11
PLOT DATE = 2/10/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

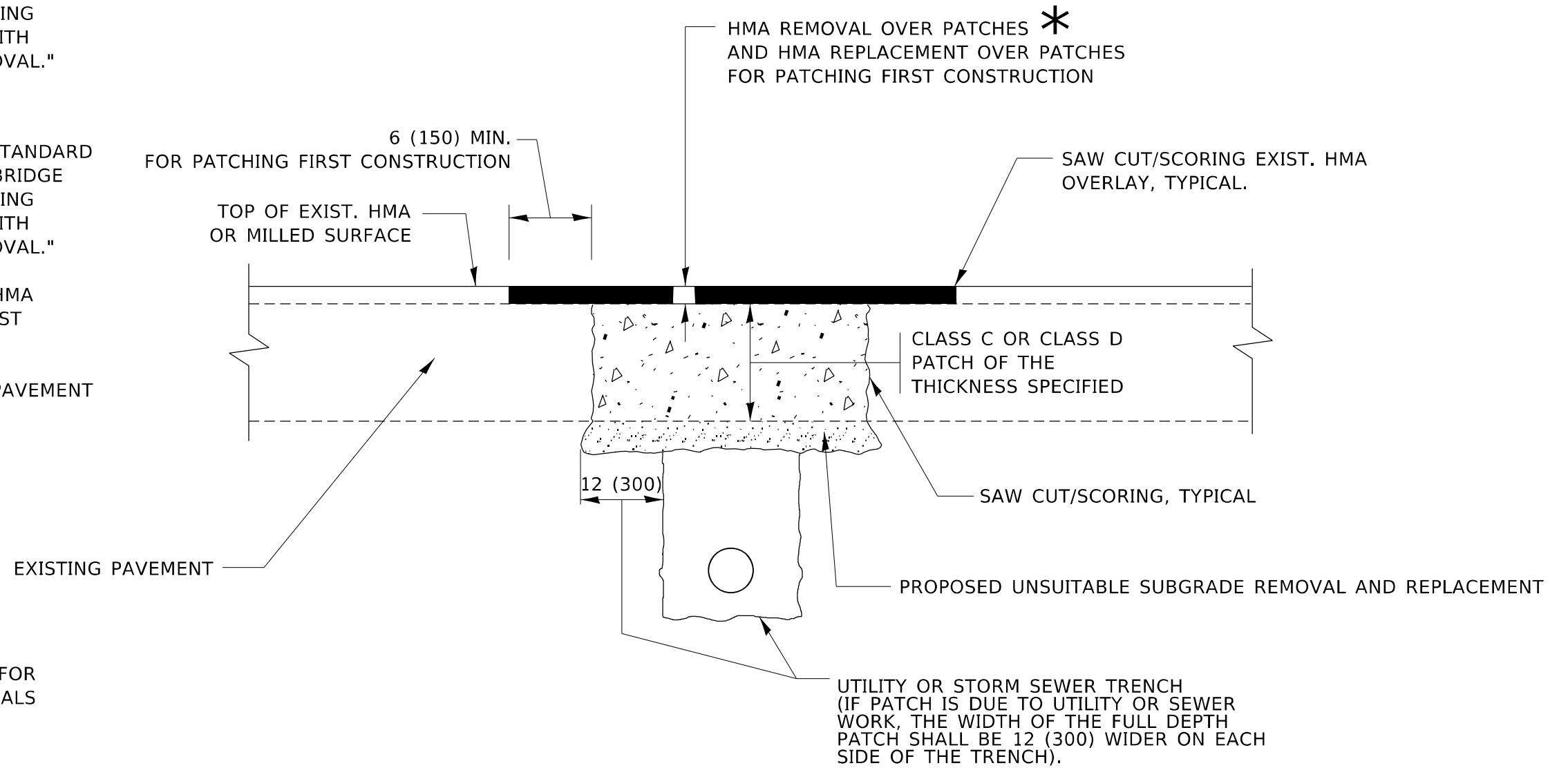
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1332	2021-107-R5&SW	COOK	49	29
BD600-03 (BD-08)			CONTRACT NO. 62P32	
ILLINOIS FED. AID PROJECT				

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

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

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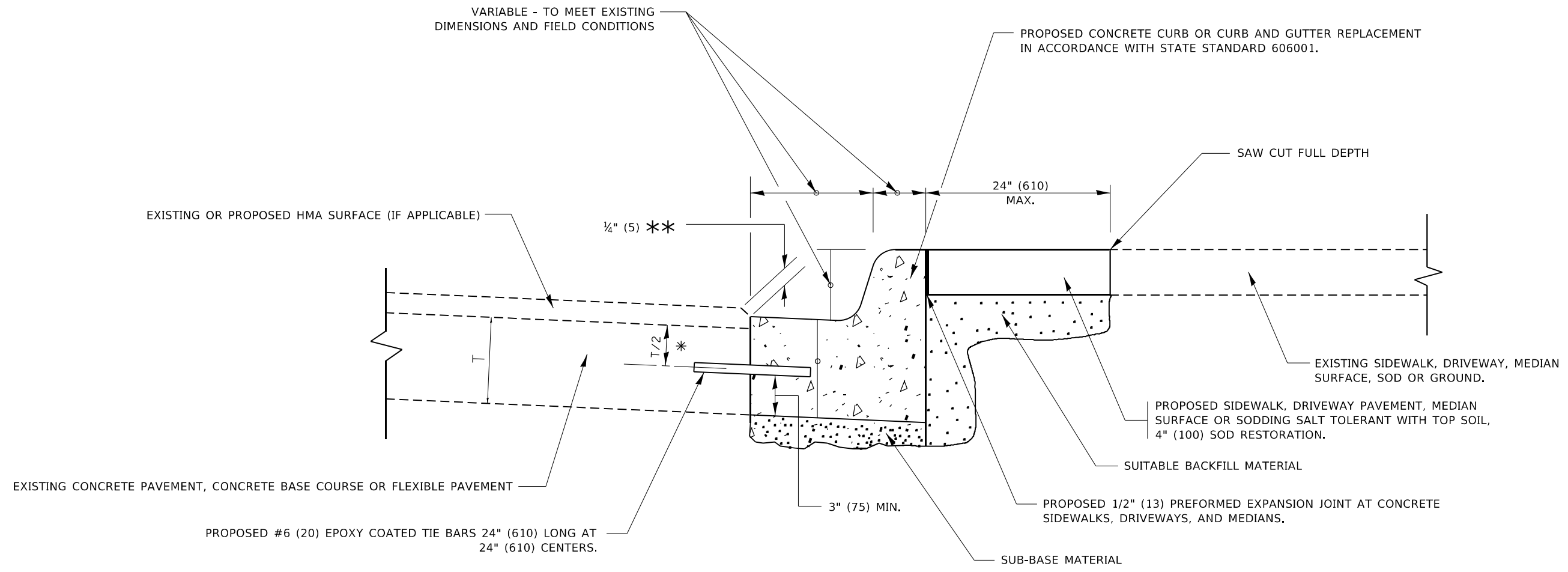
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	DRAWN -	REVISED - R. BORO 09-04-07
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08
PLOT DATE = 2/10/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22

**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.
1332	2021-107-R5&SW	COOK	49	30
BD400-04 (BD-22)			CONTRACT NO. 62P32	
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.

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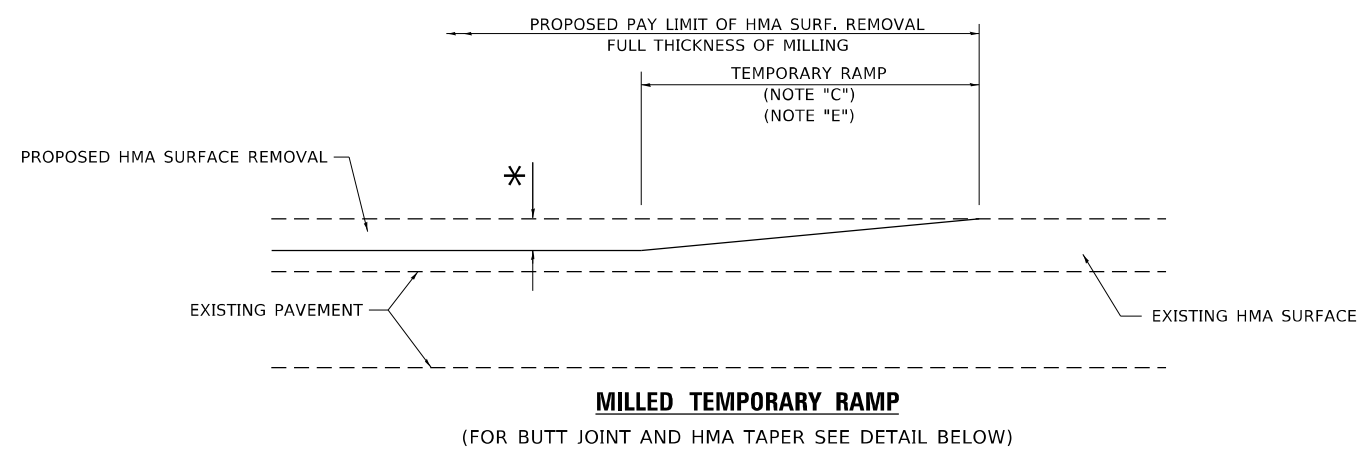
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 2/10/2022	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

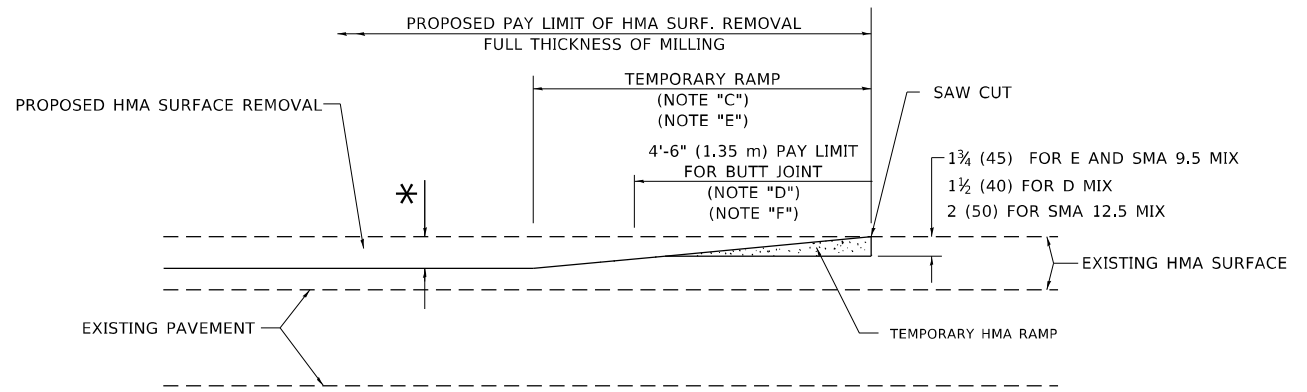
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1332	2021-107-R5&SW	COOK	49	31
BD600-06 (BD-24)			CONTRACT NO. 62P32	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

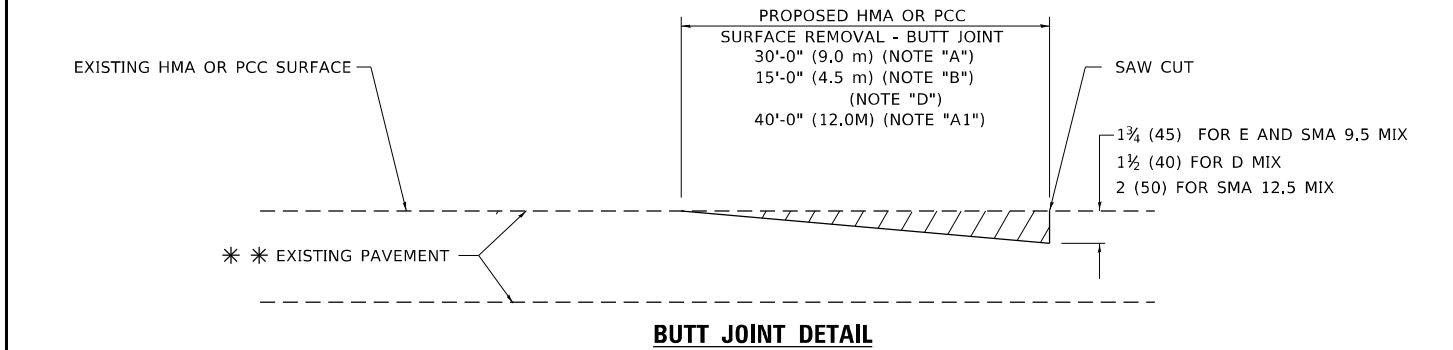


HMA CONSTRUCTED TEMPORARY RAMP

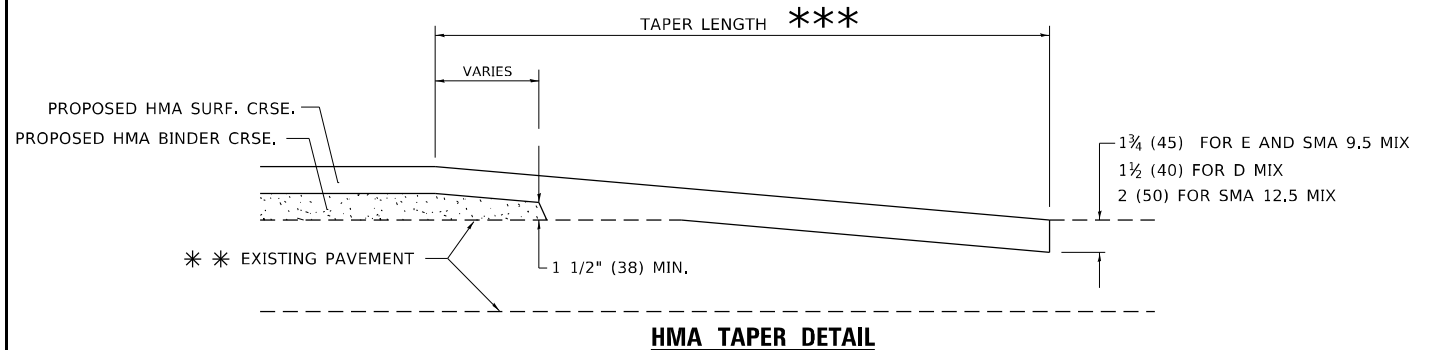
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

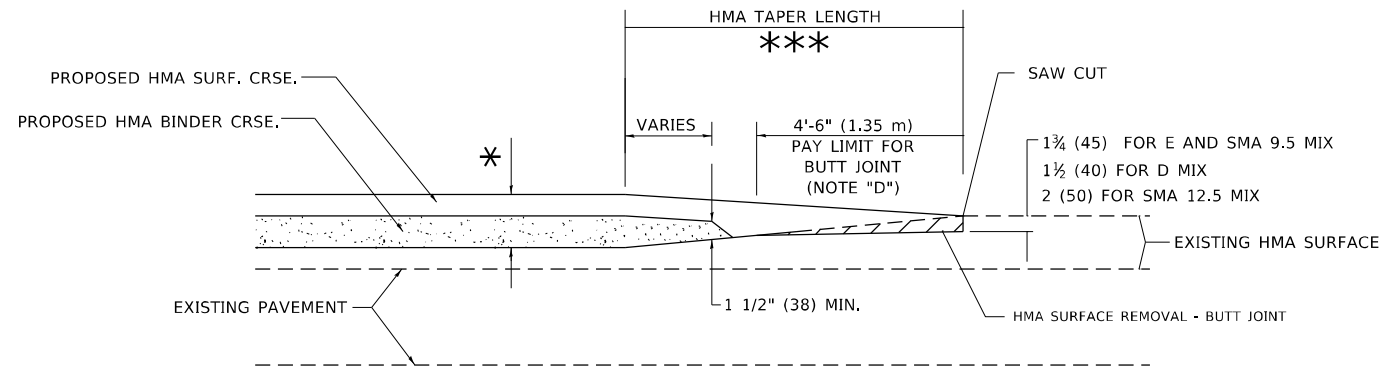
** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- INTERSTATES
- MINOR SIDE ROADS.
- THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- 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.
- 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".
- THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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

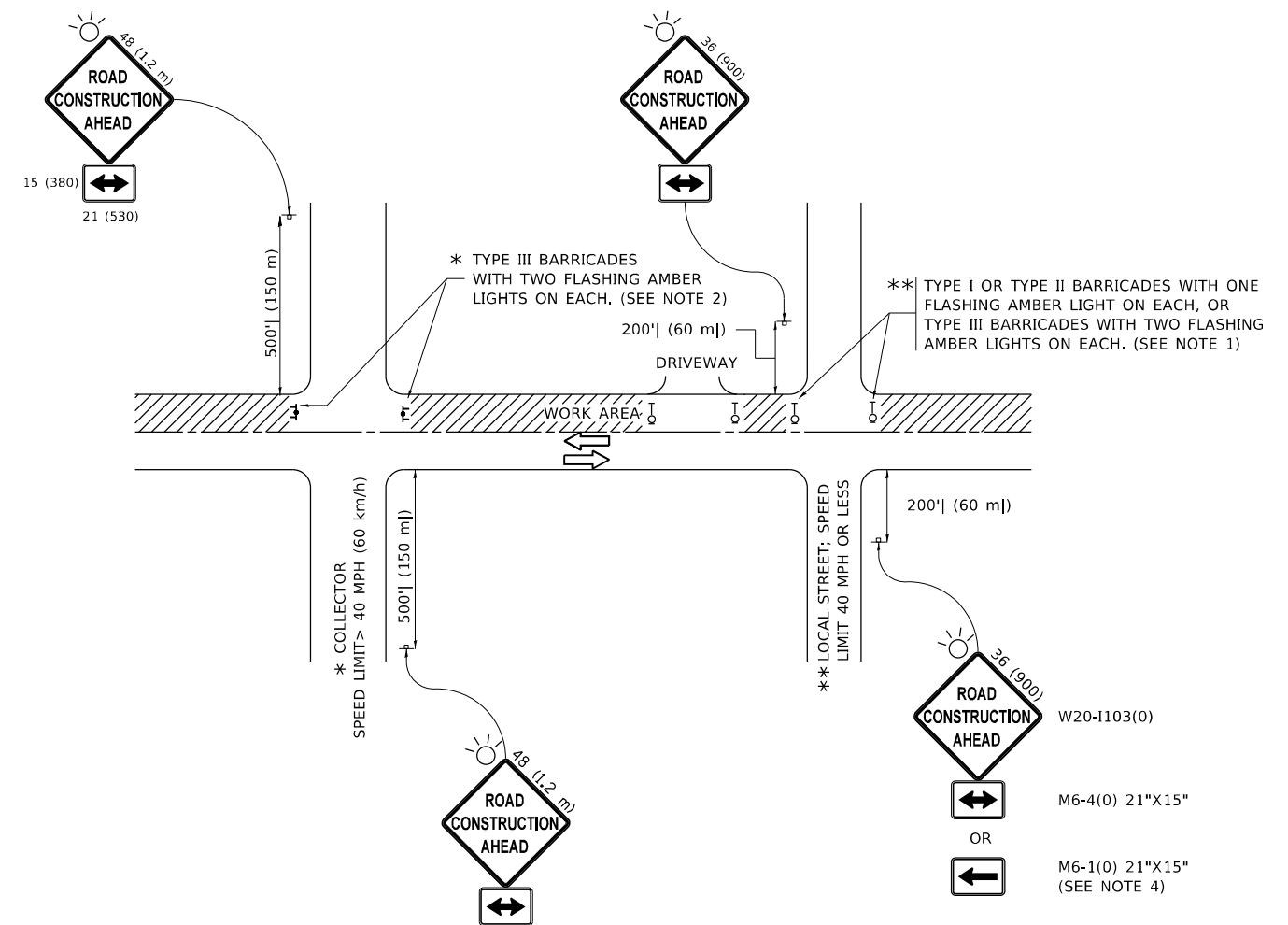
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 2/10/2022	DATE - 06-13-90	REVISED - R. BORO 01-01-07
		REVISED - K. SMITH 02-01-22

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.
1332	2021-107-R5&SW	COOK	49	32
BD400-05 BD-32			CONTRACT NO. 62P32	
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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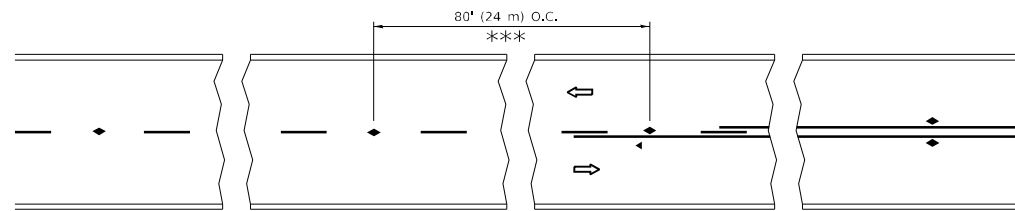
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PLOT DATE = 2/10/2022	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

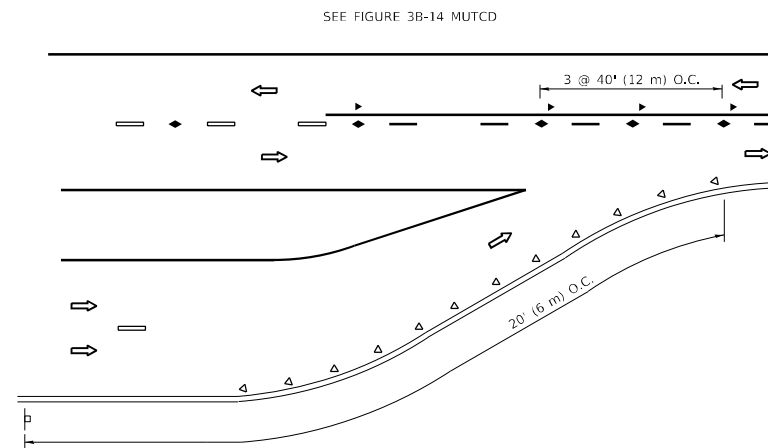
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TC-10		ILLINOIS	CONTRACT NO. 62P32	
		ILLINOIS	FED. AID PROJECT	

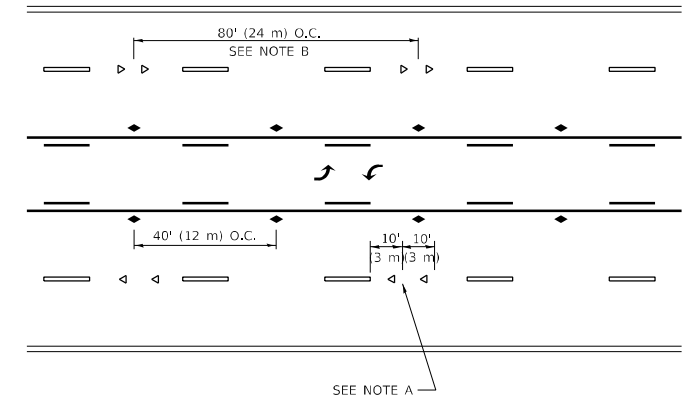


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

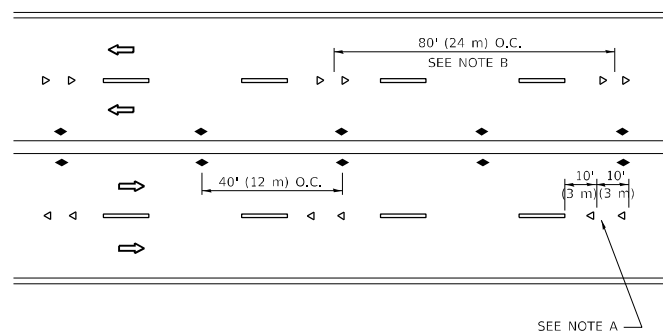
TWO-LANE/TWO-WAY



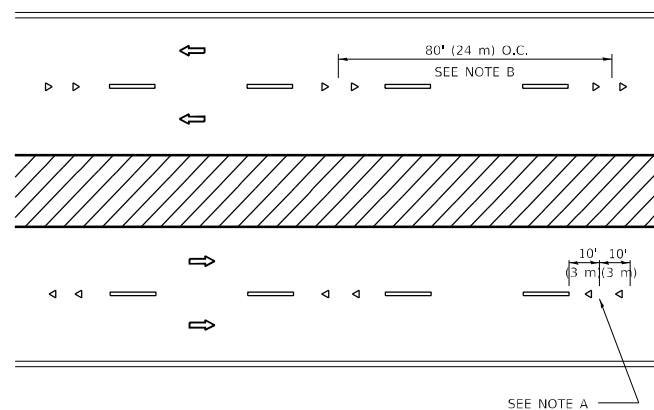
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

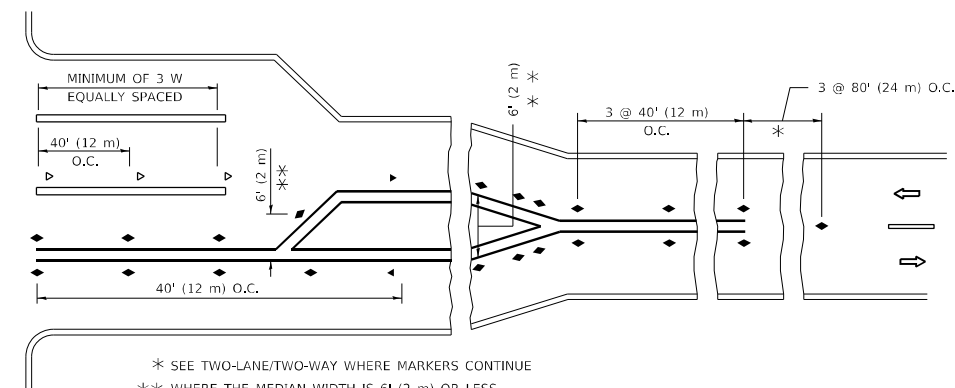
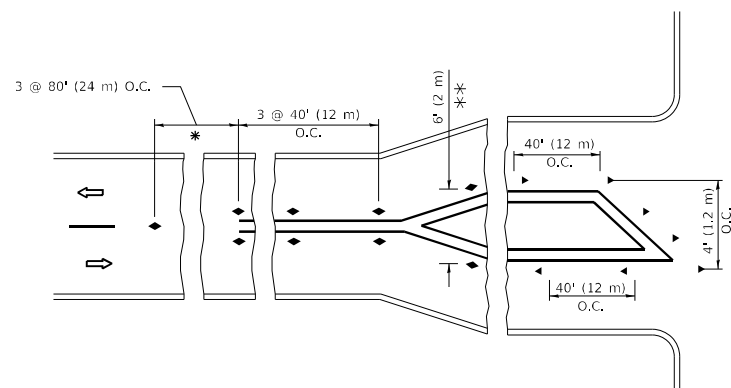
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



TURN LANES

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

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

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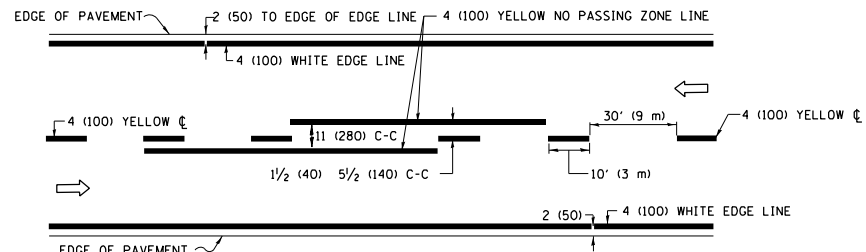
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

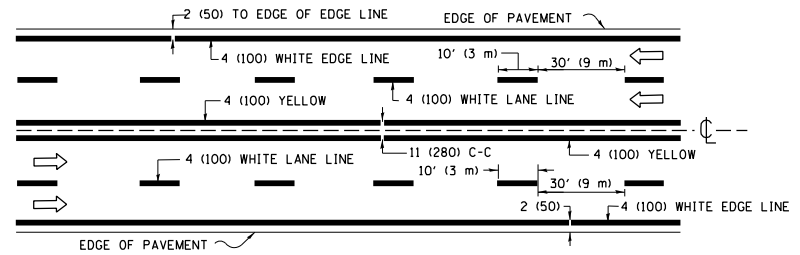
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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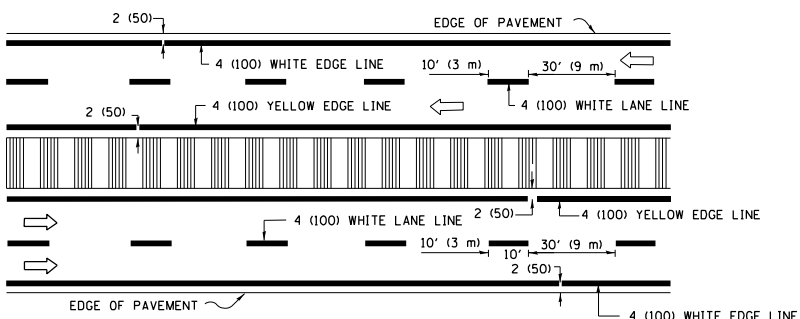
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1332	2021-107-R5&SW	COOK	49	34
TC-11		ILLINOIS	CONTRACT NO. 62P32	
		ILLINOIS	FED. AID PROJECT	



2-LANE ROADWAY

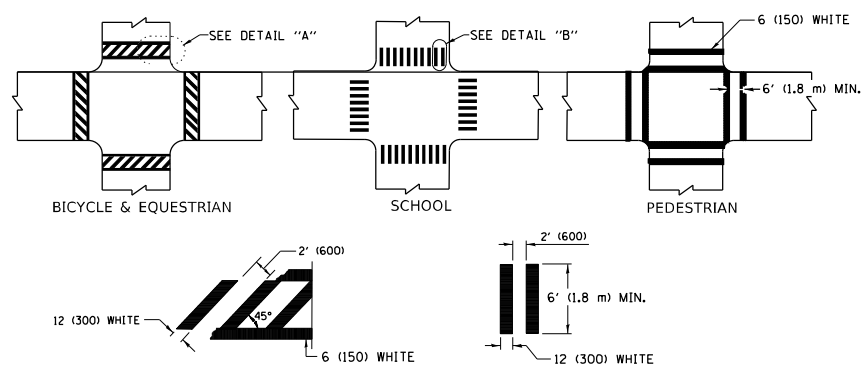


MULTI-LANE UNDIVIDED



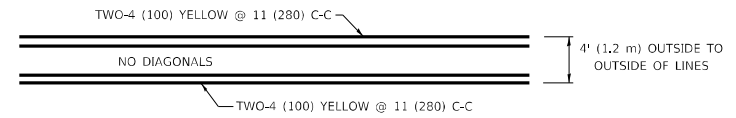
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

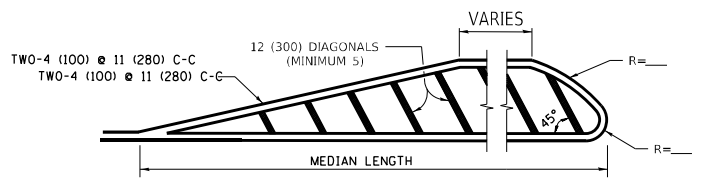


TYPICAL CROSSWALK MARKING

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

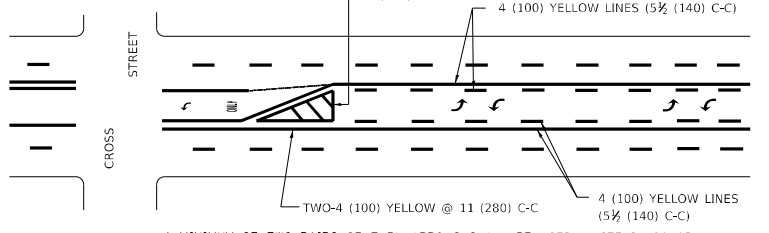


4' (1.2 m) WIDE MEDIANS ONLY



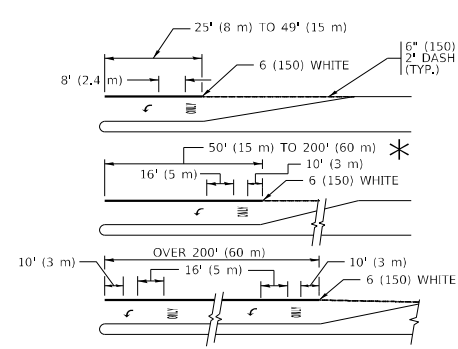
MEDIANS OVER 4' (1.2 m) WIDE

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



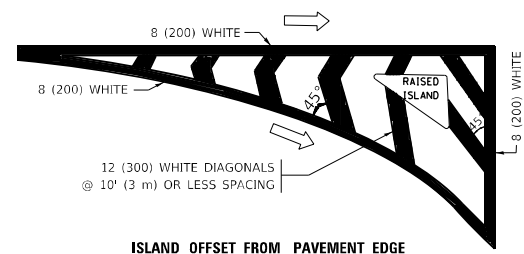
MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING

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

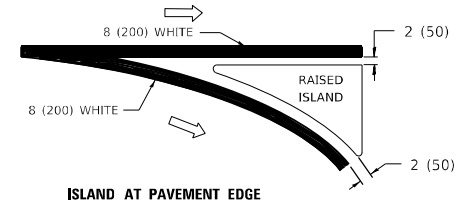


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

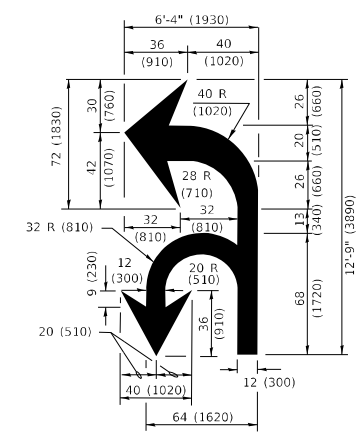
TYPICAL LEFT (OR RIGHT) TURN LANE
TYPICAL TURN LANE MARKING



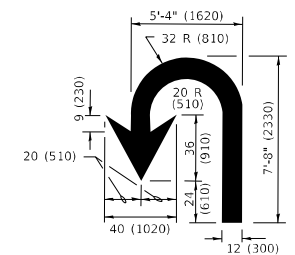
ISLAND OFFSET FROM PAVEMENT EDGE



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 8' (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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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 2/10/2022	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	35
TC-13		ILLINOIS	CONTRACT NO. 62P32	
		ILLINOIS	FED. AID PROJECT	

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

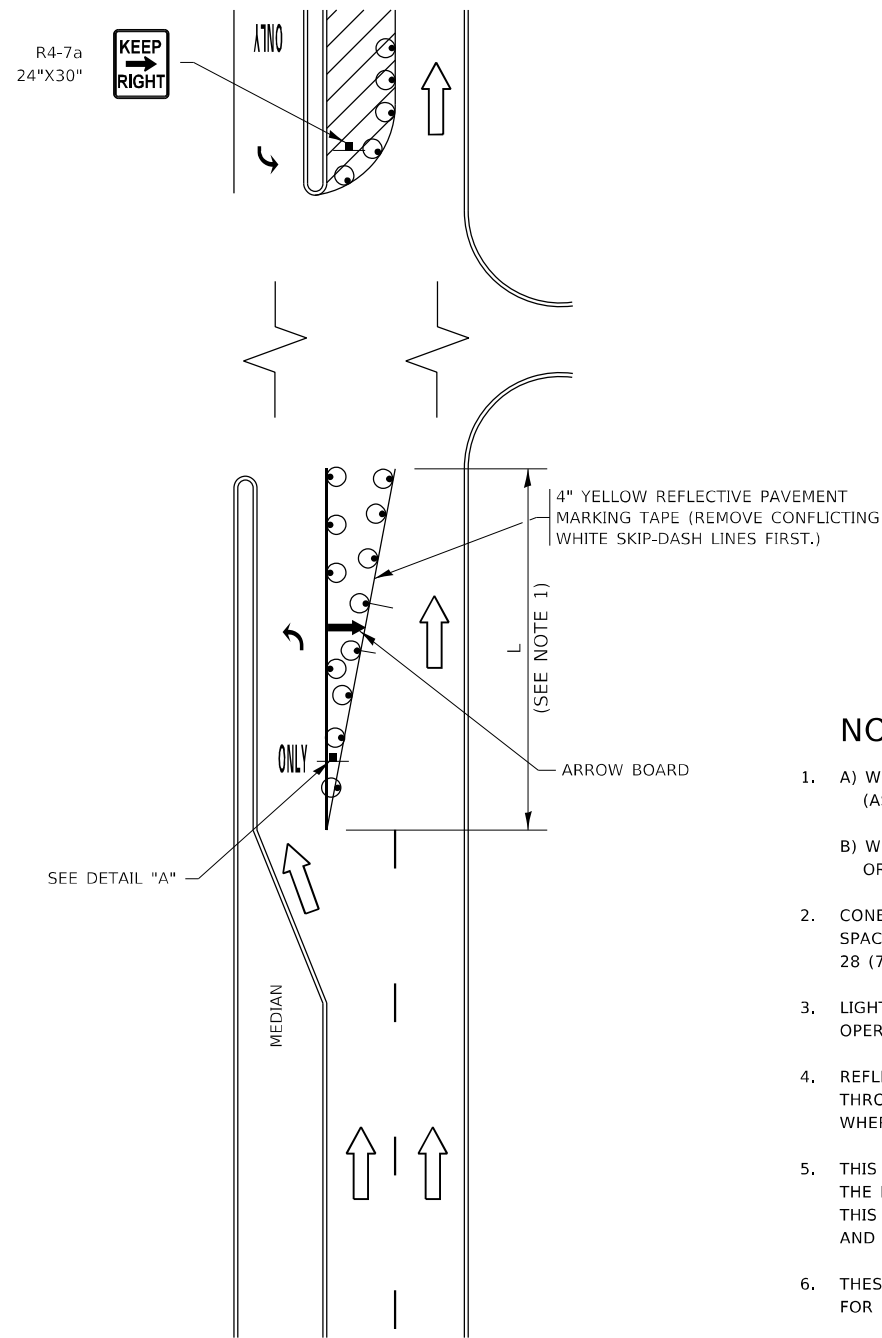


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

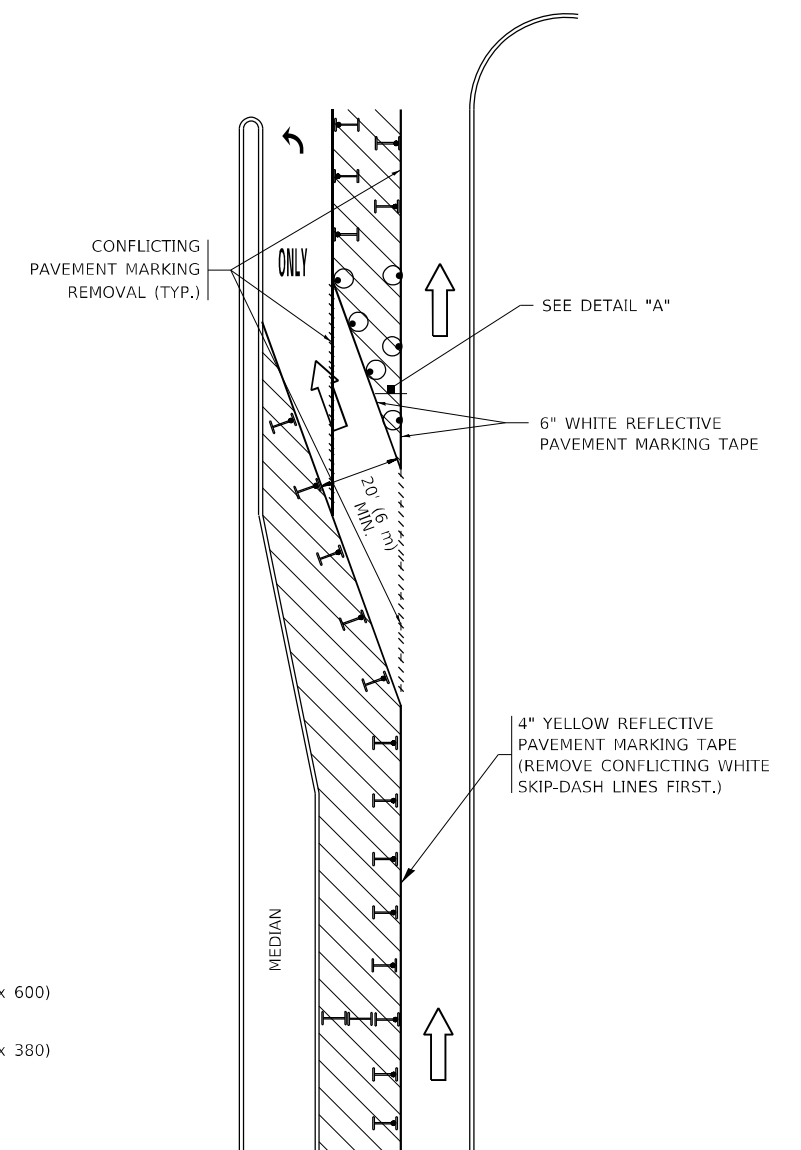


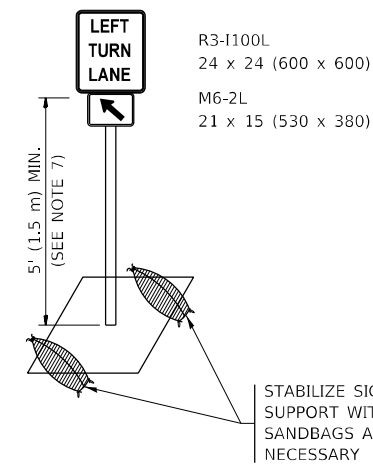
FIGURE 2

LEGEND

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

NOTES:

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



DETAIL A

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

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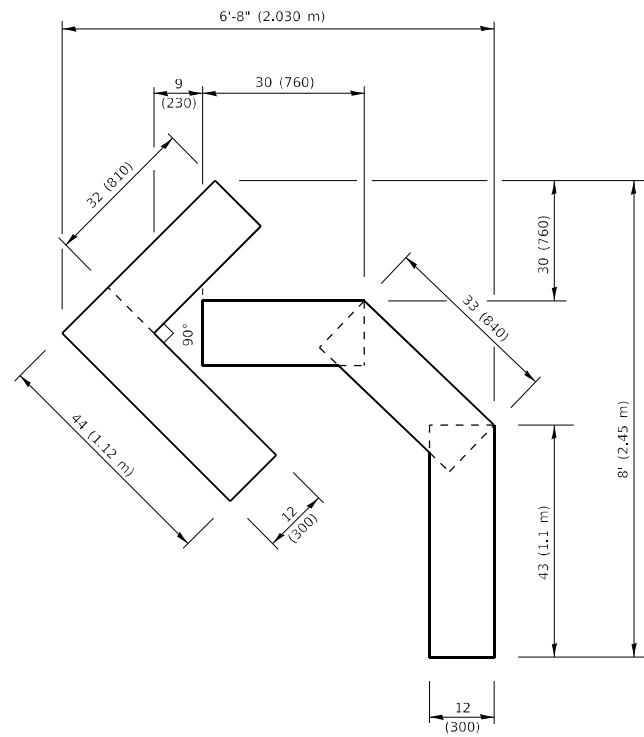
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DRAWN - A. HOUSEH 11-07-95	REVISOR - A. SCHUETZE 07-01-13	
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 2/10/2022	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

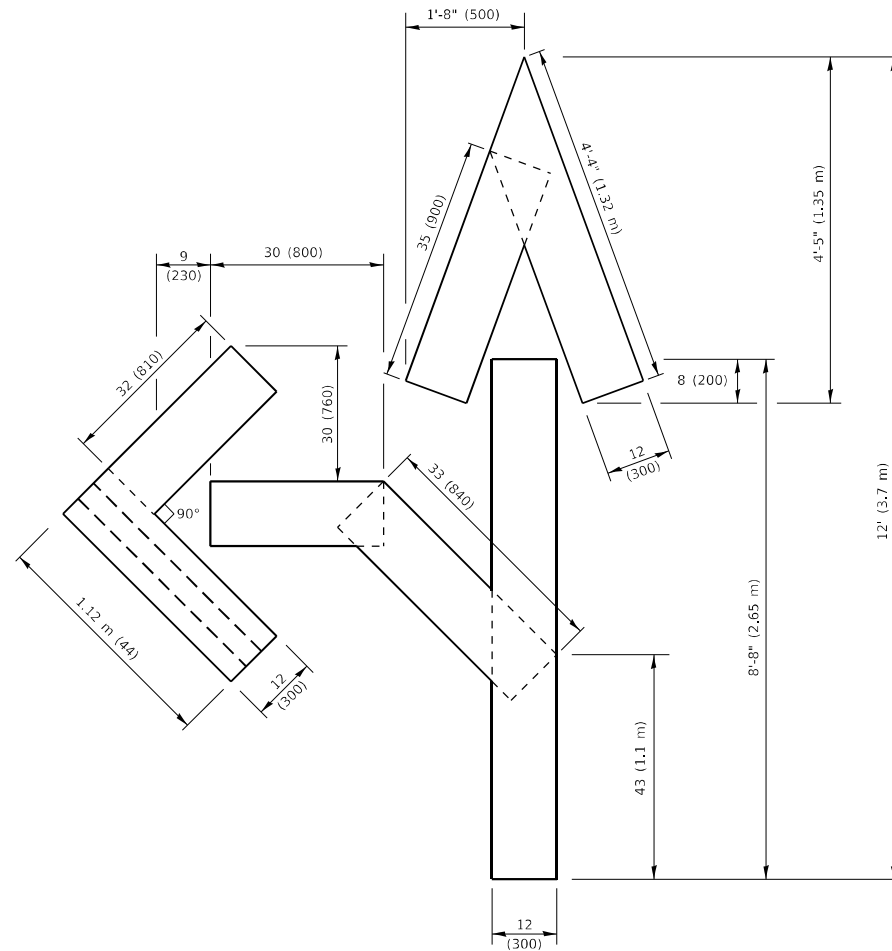
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-14		CONTRACT NO. 62P32		
ILLINOIS FED. AID PROJECT				



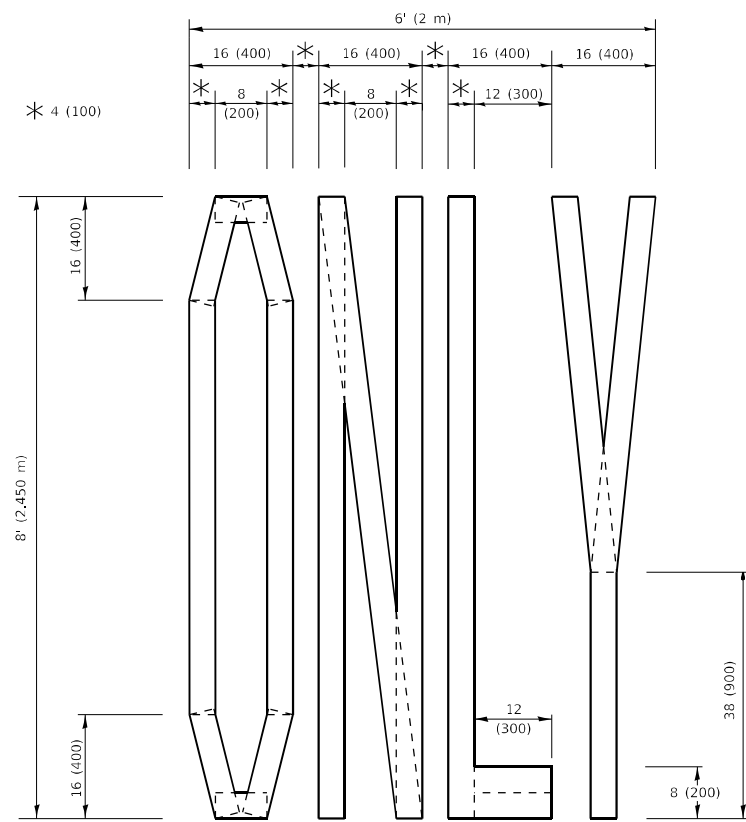
QUANTITY

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



QUANTITY

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

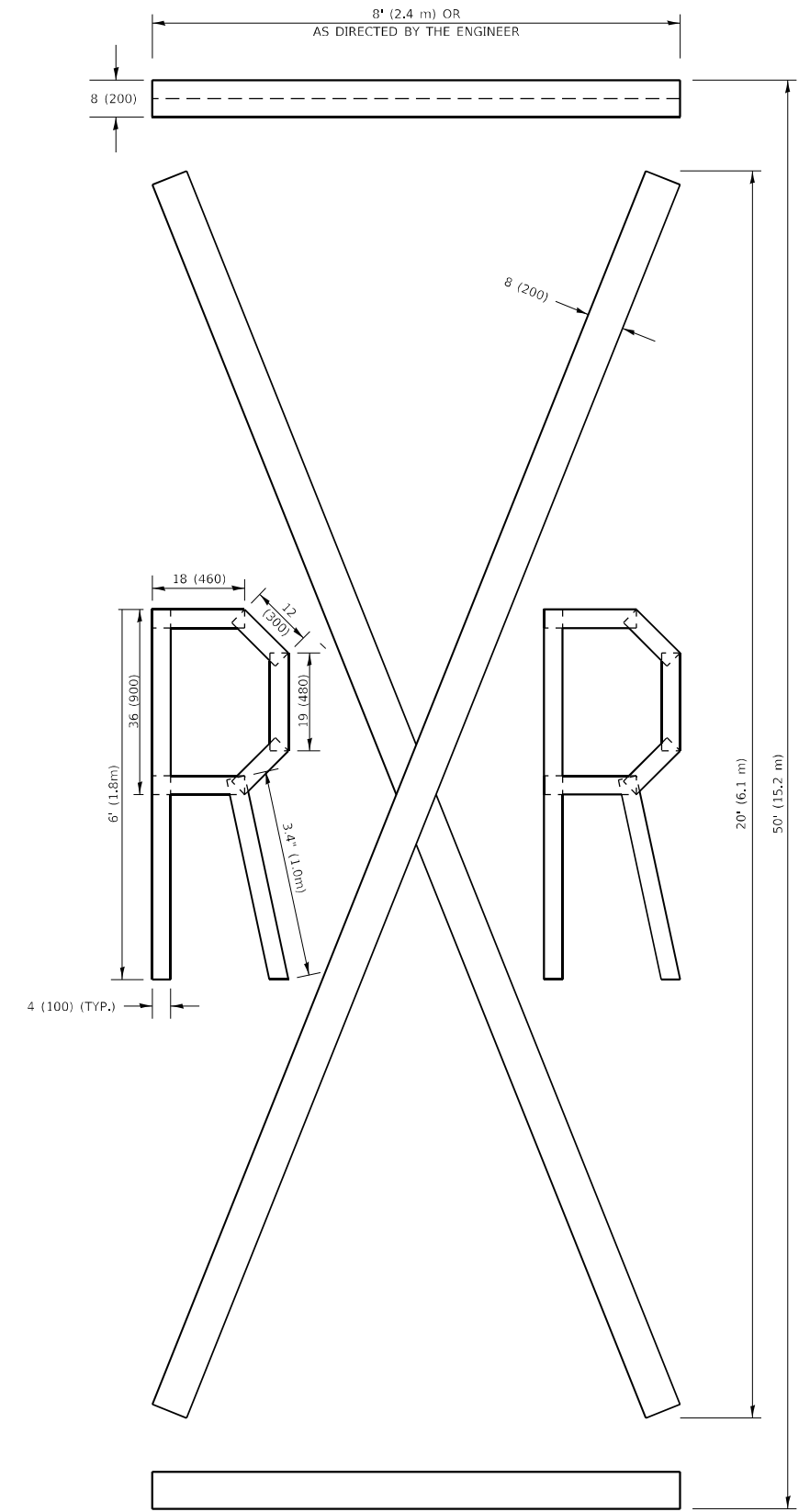


QUANTITY

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

NOTE:

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



QUANTITY

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

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

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	DRAWN -	REVISED - E. GOMEZ 08-28-00
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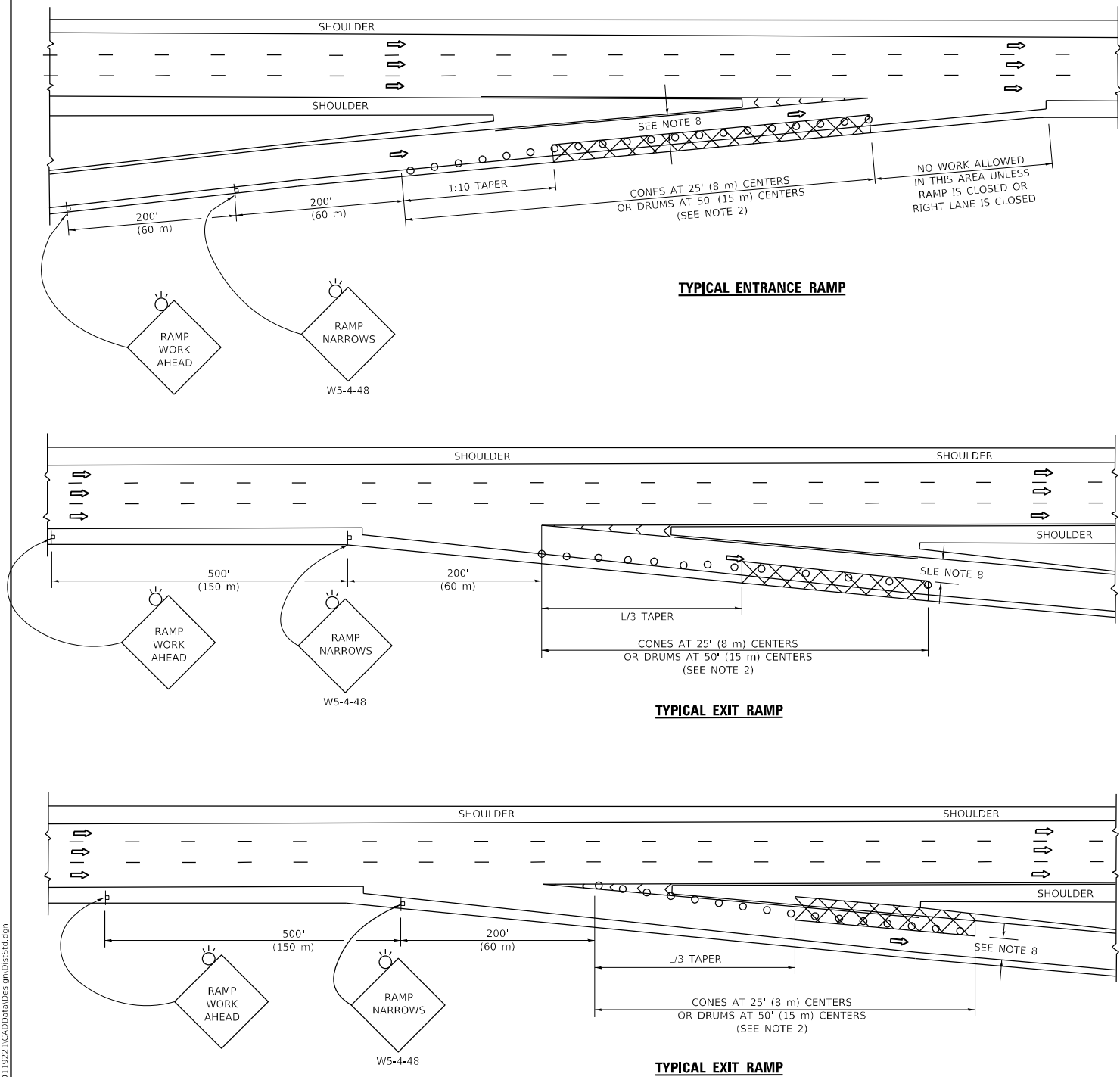
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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.
1332	2021-107-R5&SW	COOK	49	37
TC-16		ILLINOIS	CONTRACT NO. 62P32	
ILLINOIS FED. AID PROJECT				

PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP

TYPICAL EXIT RAMP

TYPICAL EXIT RAMP

SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

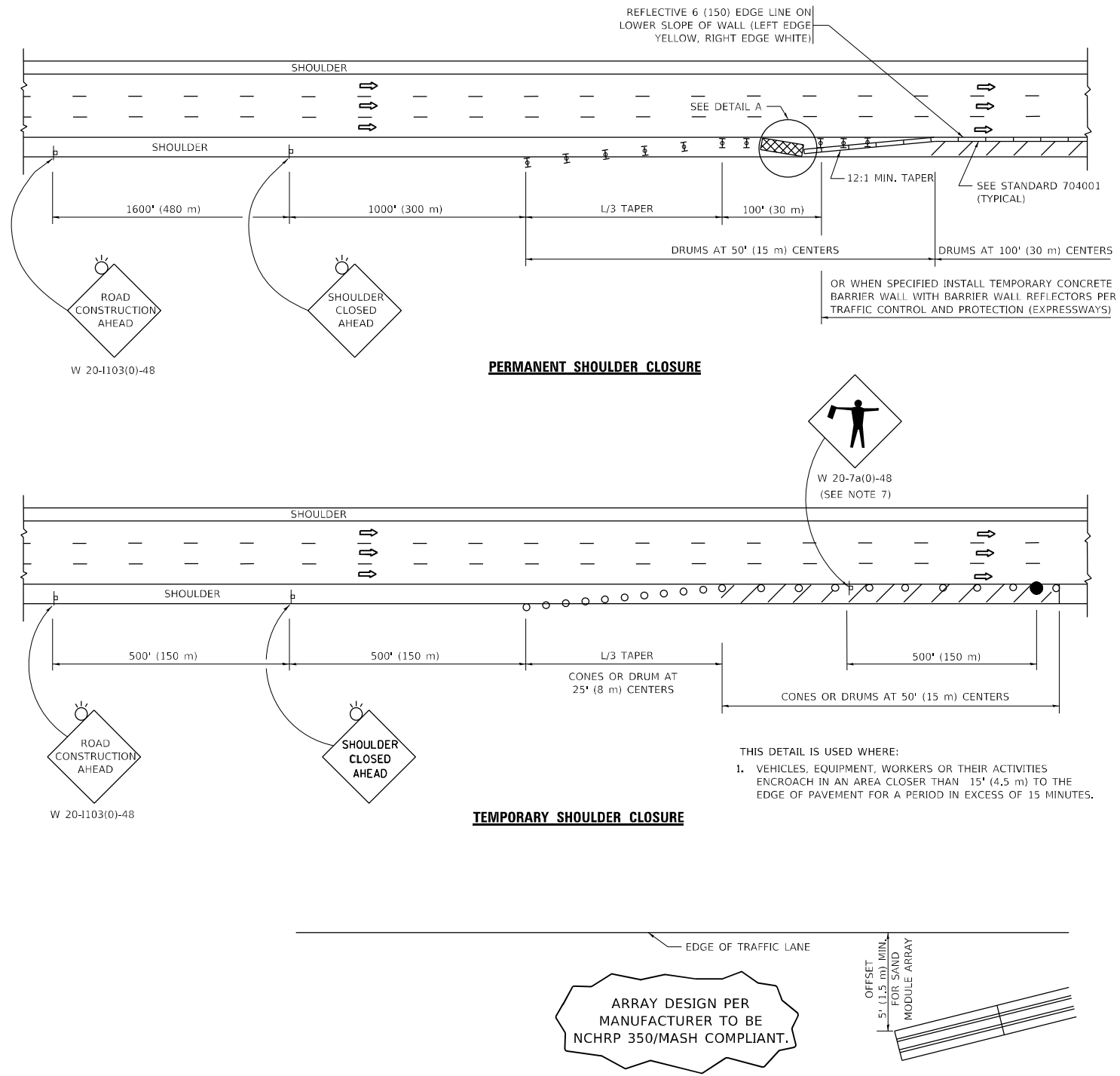
GENERAL NOTES:

1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h)	METRIC ENGLISH
OR GREATER:	$L=0.65(W/S)$ $L=(W/S)$

W = WIDTH OF OFFSET IN FEET (METERS)
 S = NORMAL POSTED SPEED MPH (KM/H)
2. TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE

TEMPORARY SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



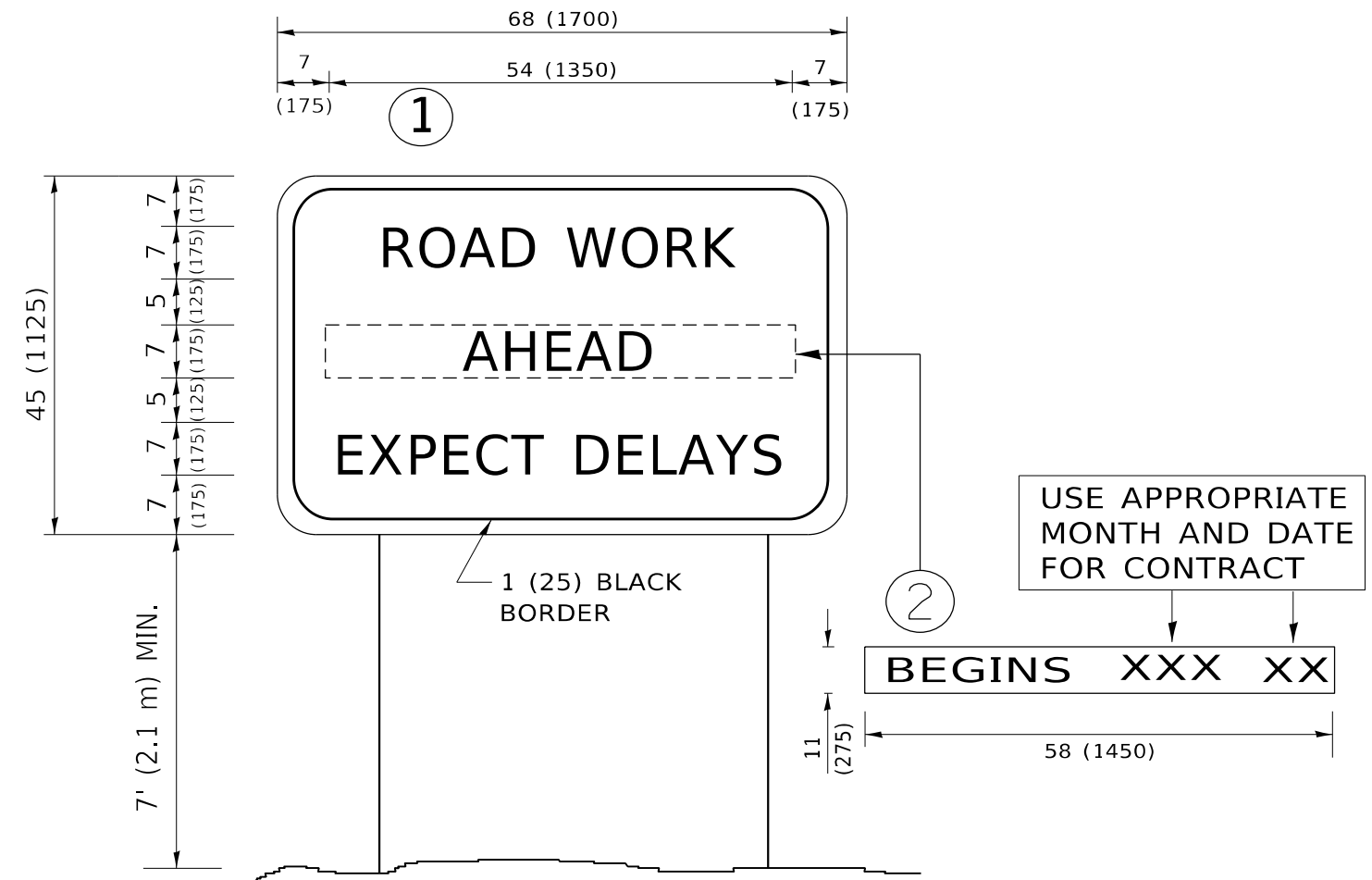
DETAIL "A" IMPACT ATTENUATOR, TEMPORARY (SEE NOTE 5)

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.
9. TEMPORARY SHOULDER AND NON-SYSTEM INTERCHANGE PARTIAL RAMP CLOSURES ARE ALLOWED WEEKDAYS BETWEEN 9:00 A.M. AND 3:00 P.M. AND BETWEEN 7:00 P.M. AND 5:00 A.M. OR AS APPROVED BY THE EXPRESSWAY TRAFFIC OPERATIONS ENGINEER. PERMANENT SHOULDER AND PARTIAL RAMP CLOSURES WILL ONLY BE PERMITTED IF CALLED FOR IN THE PLANS OR AS APPROVED BY THE EXPRESSWAY OPERATIONS ENGINEER.

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

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DRAWN - D.W.S.	CHECKED -	REVISED - M.D. 06-13					1332	2021-107-R5&SW	COOK	49	38
PLOT SCALE = 100,0000' / in.	DATE - 11-96	REVISED - M.D. 01-18					TC-17		CONTRACT NO. 62P32		
PLOT DATE = 2/10/2022	DATE - 11-96	REVISED - M.D. 10-20					SCALE: NONE SHEET 1 OF 1 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT



NOTES:

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

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

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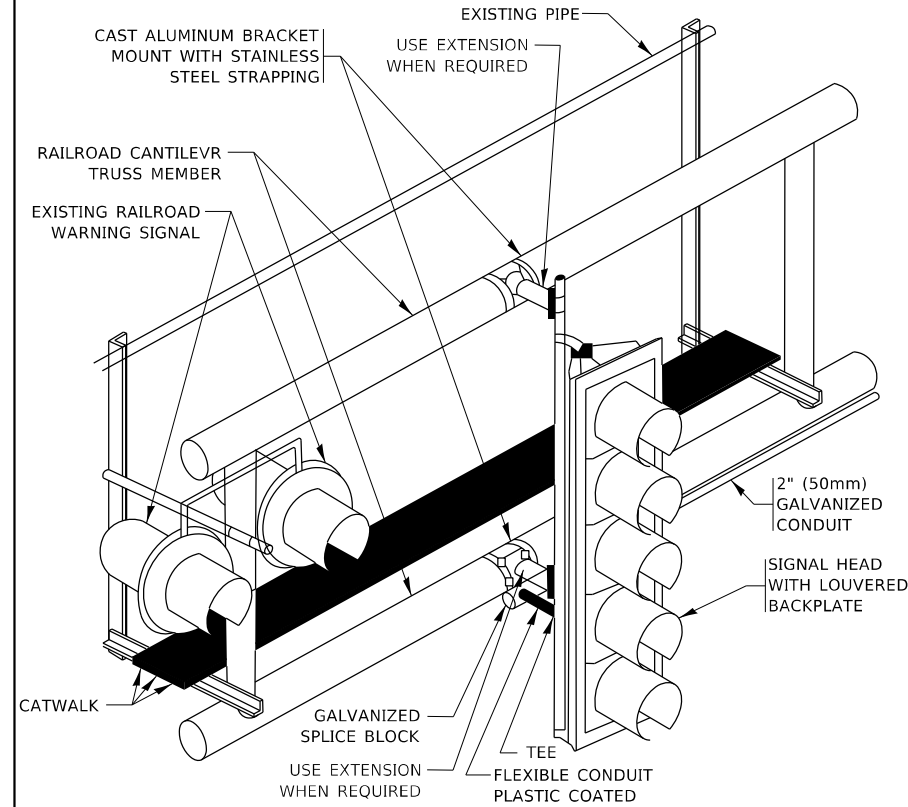
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	39
TC-22		ILLINOIS	CONTRACT NO. 62P32	
ILLINOIS FED. AID PROJECT				

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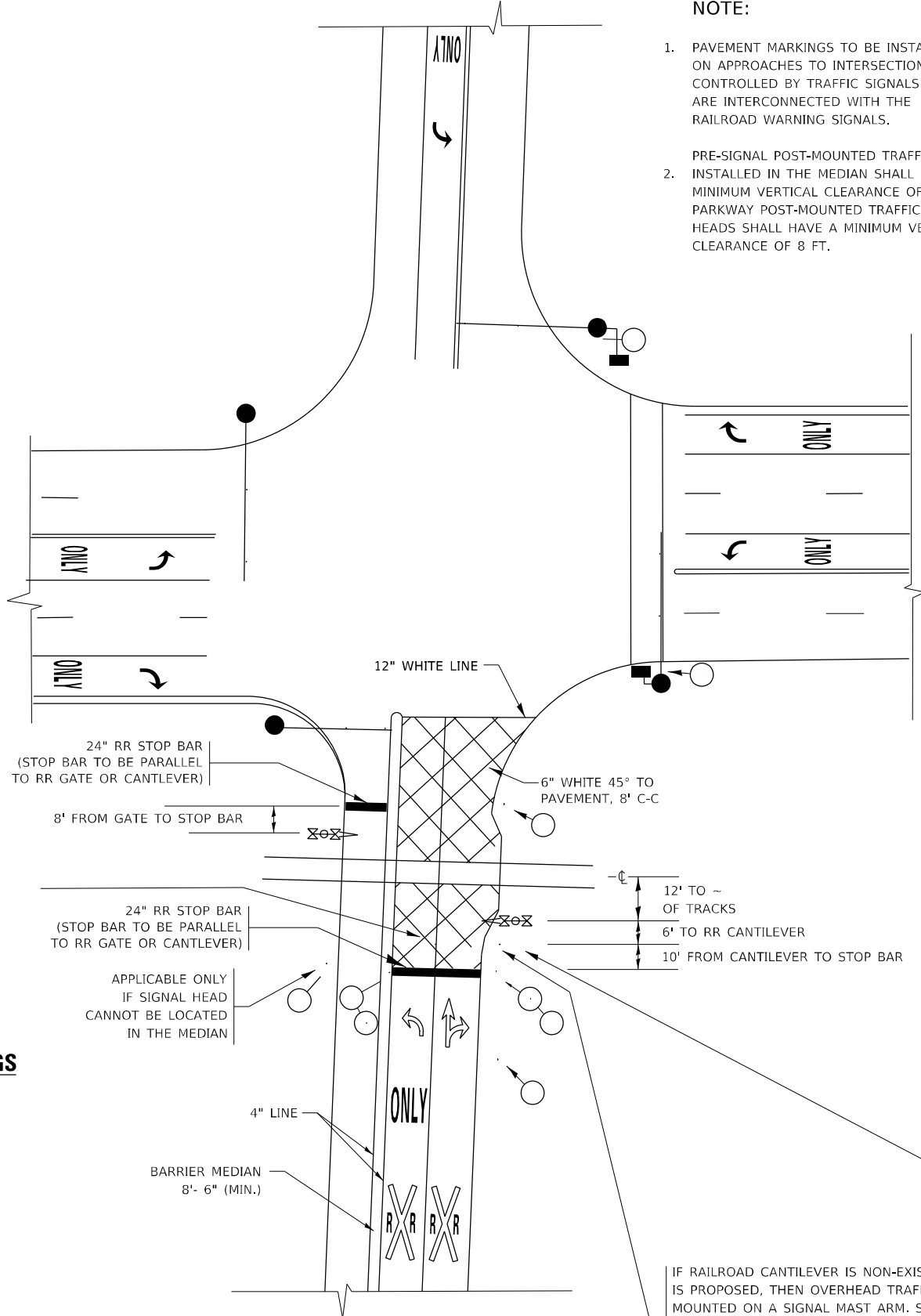
RAILROAD CANTILEVER SIGNAL HEAD MOUNTING
 USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION
 N.T.S.

SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

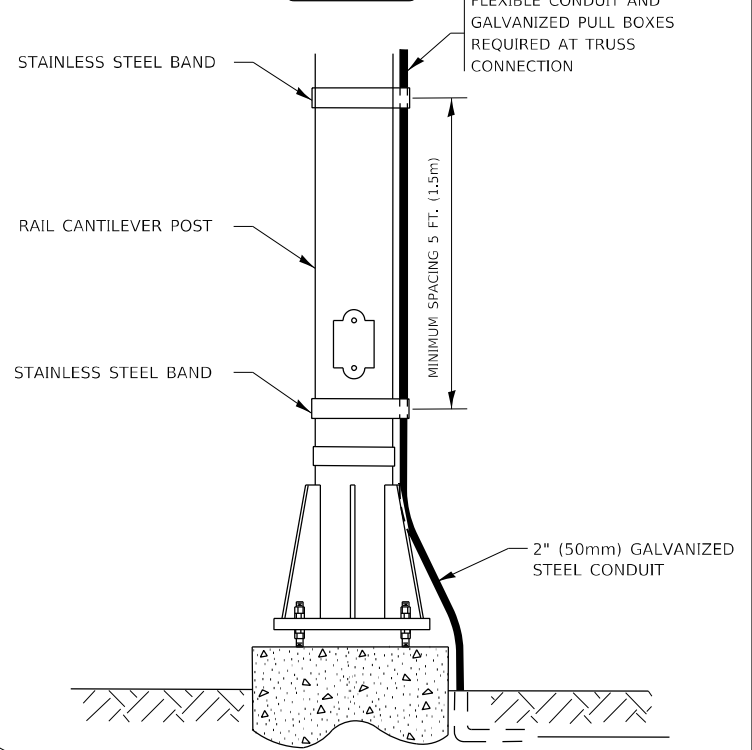
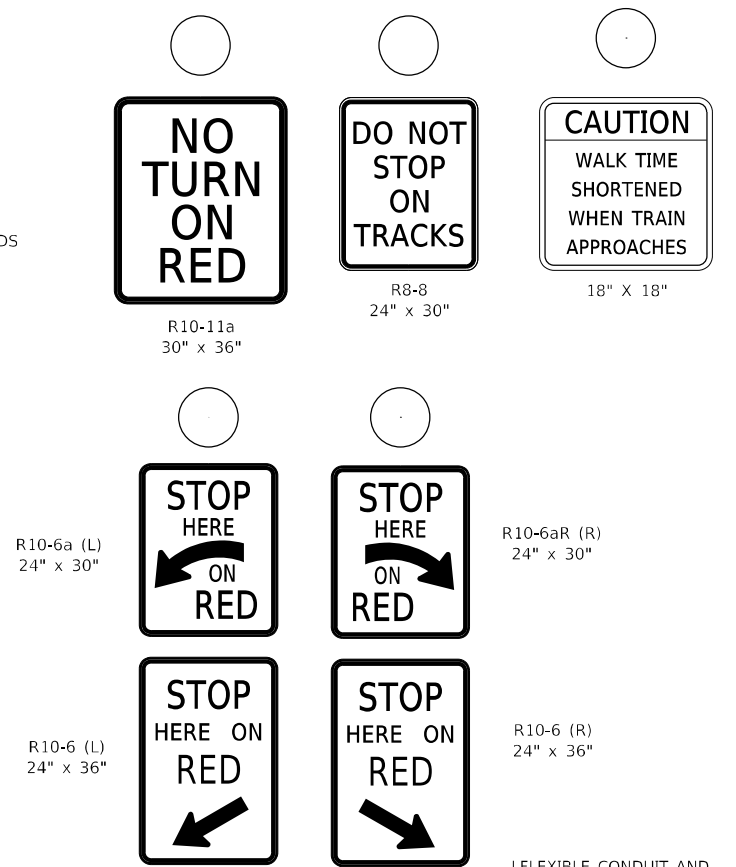
THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL

- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

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

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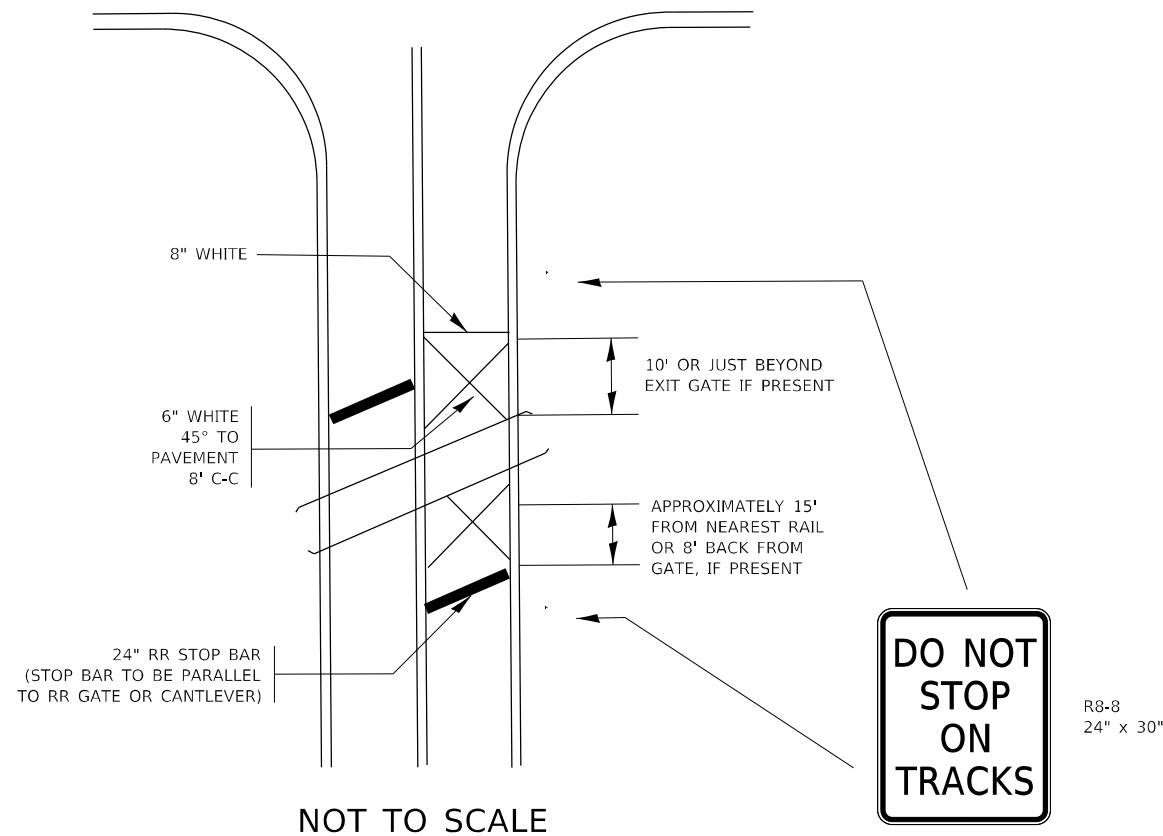
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING
 TREATMENT FOR RAILROAD CROSSINGS
 SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 1332	SECTION 2021-107-R5&SW	COUNTY COOK	TOTAL SHEETS 49	SHEET NO. 40
TC-23		ILLINOIS	CONTRACT NO. 62P32	
ILLINOIS		FED. AID PROJECT		

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

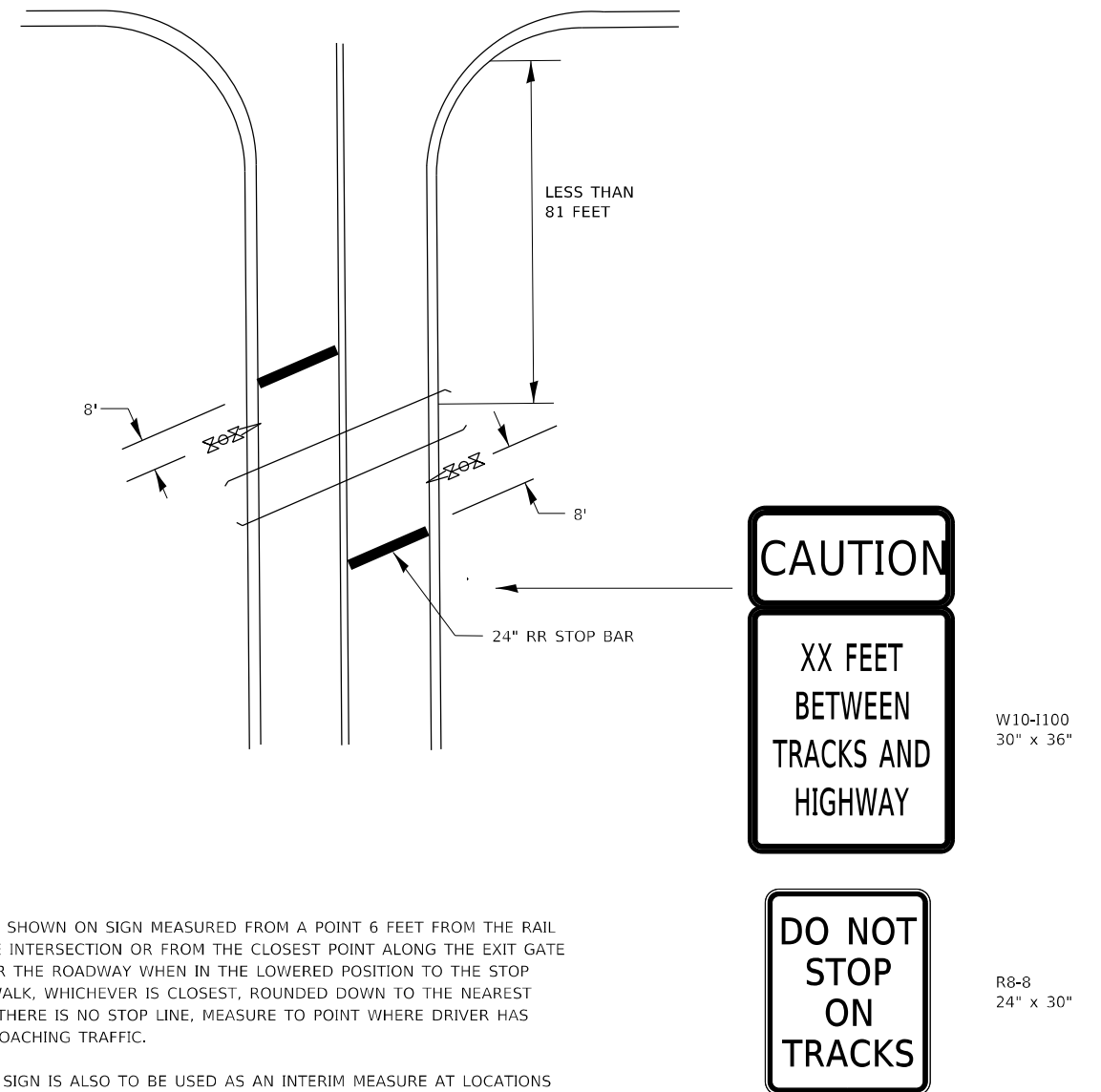
WITH SIGNALIZED INTERSECTION



NOTE:

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL



NOTE:

- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

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

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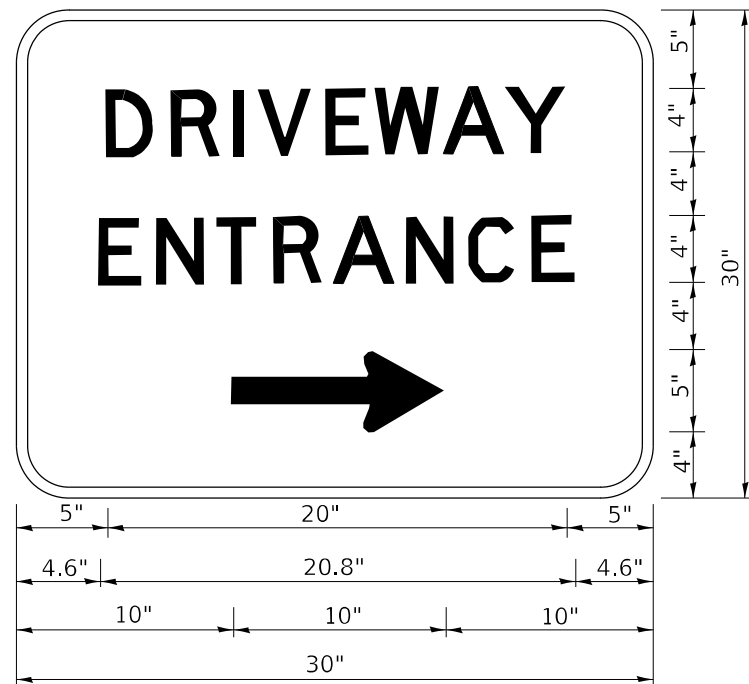
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PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING
TREATMENT FOR RAILROAD CROSSINGS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	41
TC-23		ILLINOIS	CONTRACT NO. 62P32	
		ILLINOIS	FED. AID PROJECT	



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

NOTES:

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

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PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

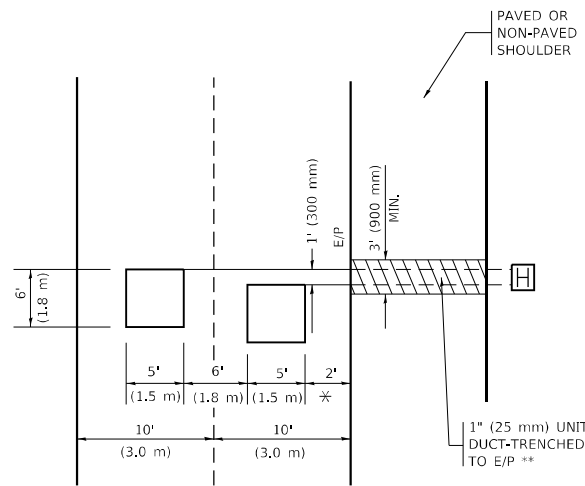
DRIVEWAY ENTRANCE SIGNING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	42
TC-26		ILLINOIS	CONTRACT NO. 62P32	
		ILLINOIS	FED. AID PROJECT	

LOOPS NEXT TO SHOULDERS

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

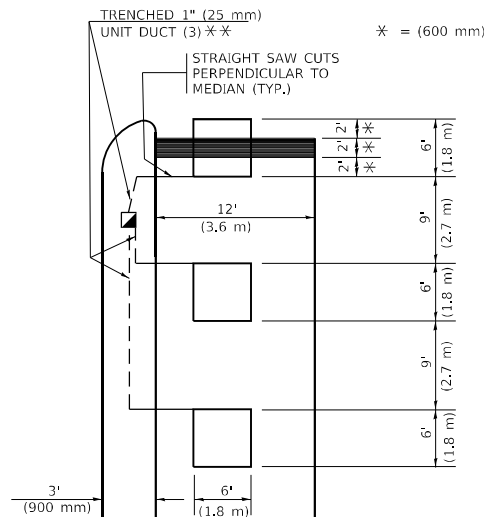


* = (600 mm)

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

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

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

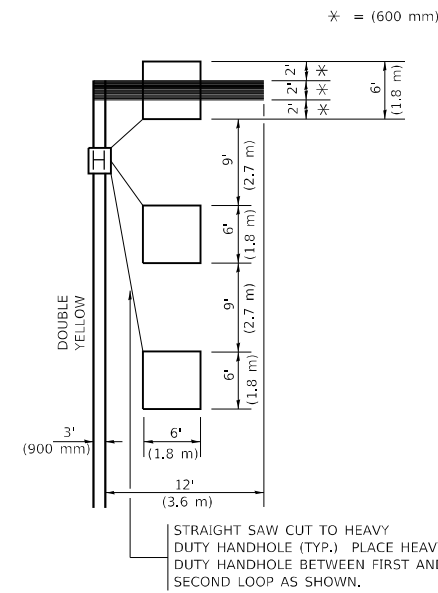


* = (600 mm)

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

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

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



* = (600 mm)

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

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

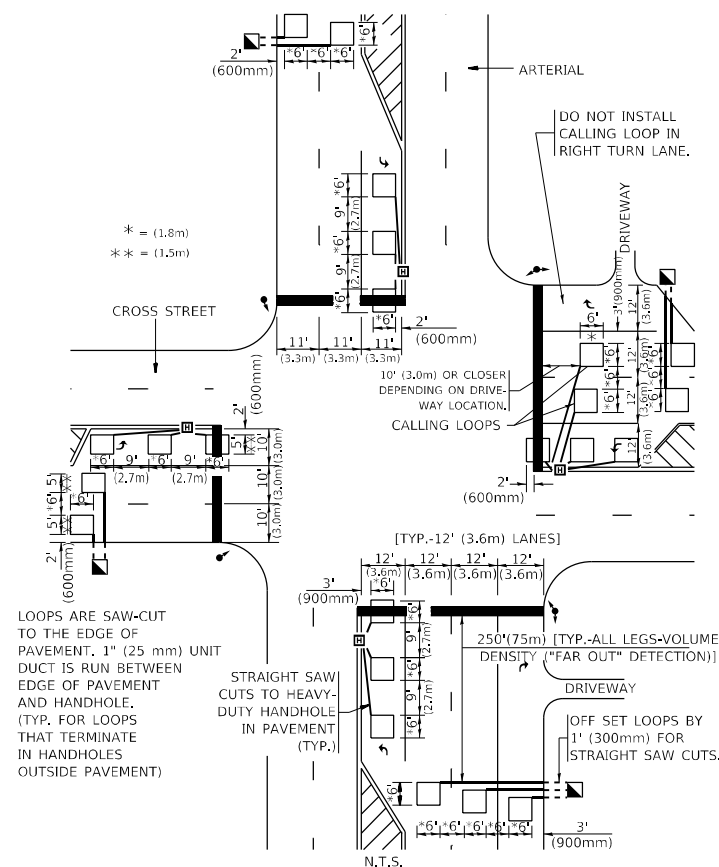
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

NOTE:

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

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

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



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

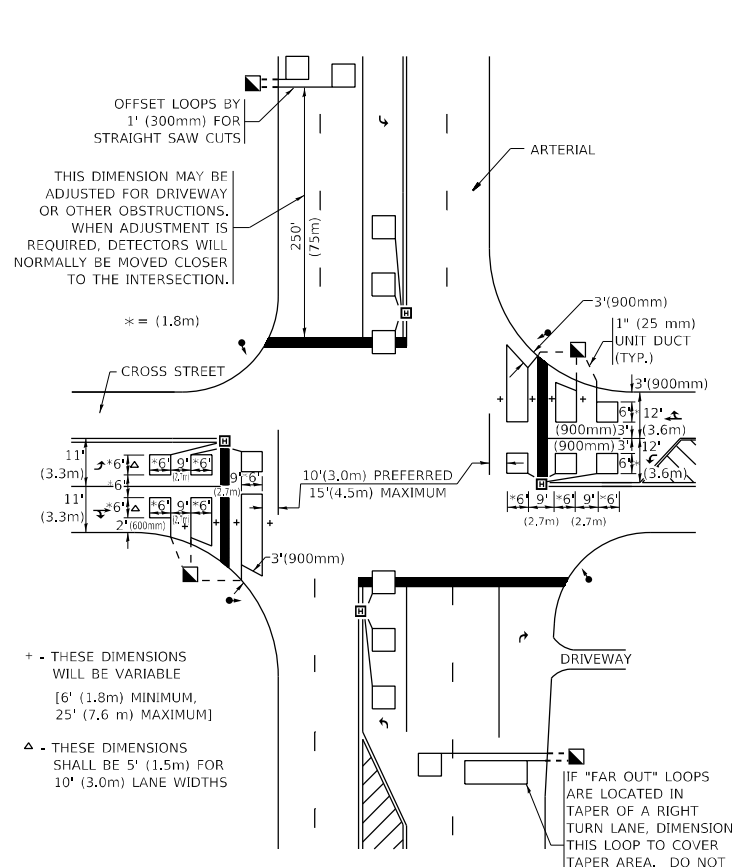
LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

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

[TYP.-12' (3.6m) LANES]
 250' (75m) [TYP.-ALL LEGS-VOLUME DENSITY ("FAR OUT" DETECTION)]
 DRIVEWAY
 OFF SET LOOPS BY 1' (300mm) FOR STRAIGHT SAW CUTS.

DETAIL 1
 N.T.S.

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



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

+ THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]
 Δ THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

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

DETAIL 2
 N.T.S.

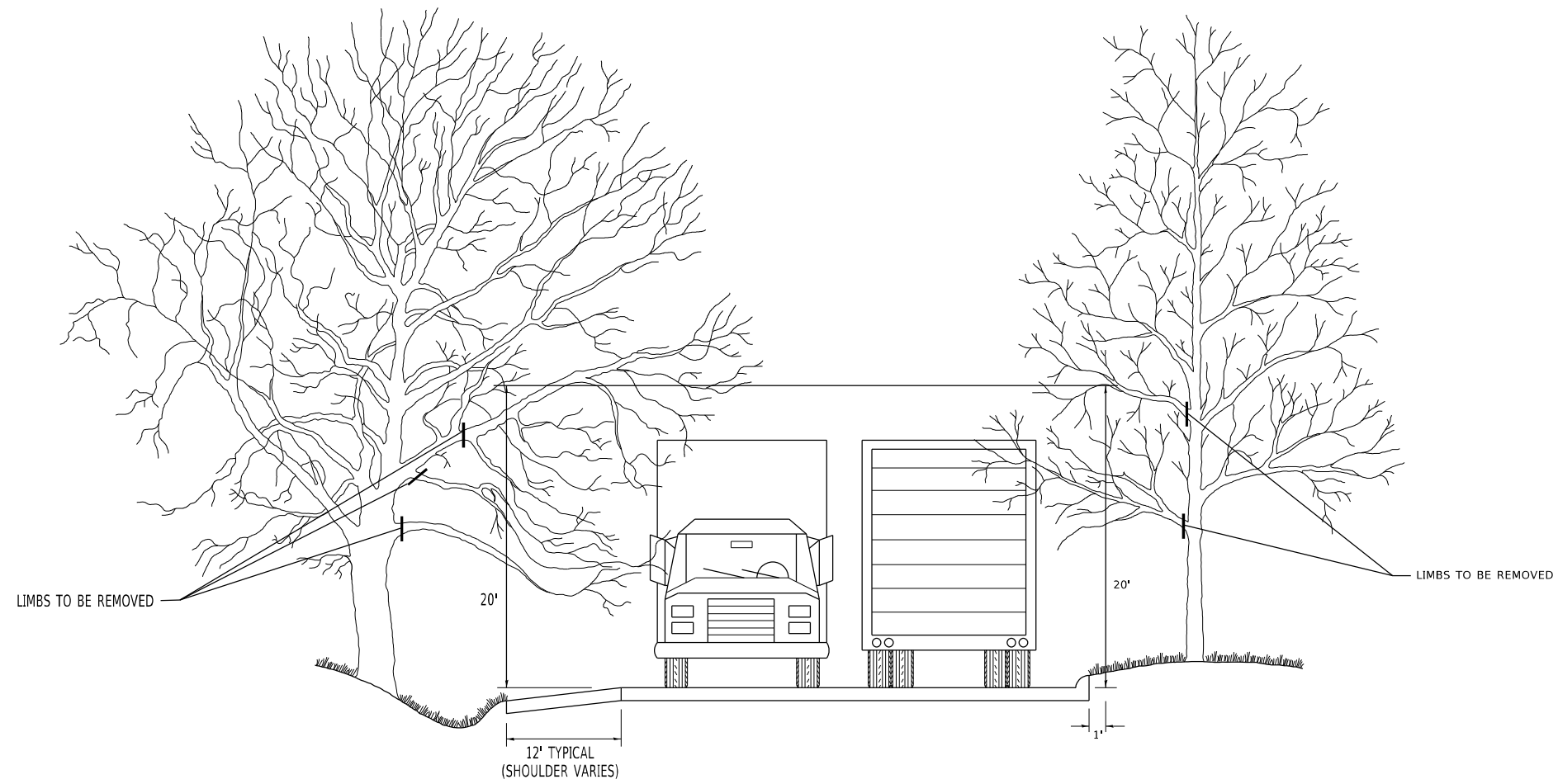
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	43
TS-07		ILLINOIS	CONTRACT NO. 62P32	
ILLINOIS		FED. AID PROJECT		

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	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

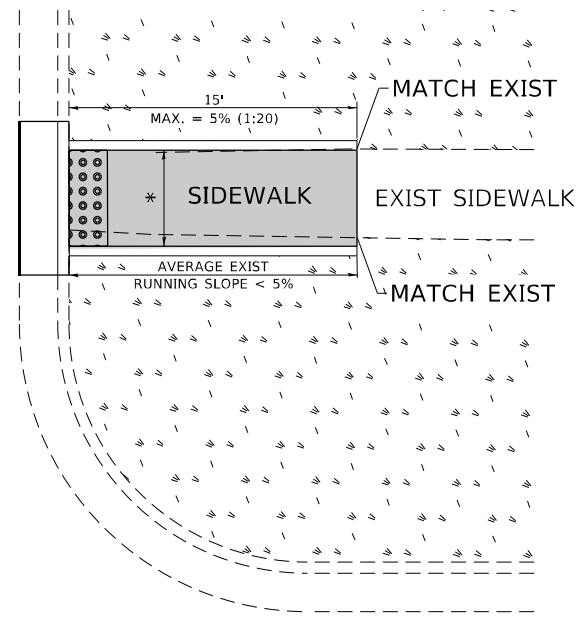
PRUNING FOR SAFETY AND
EQUIPMENT CLEARANCE

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

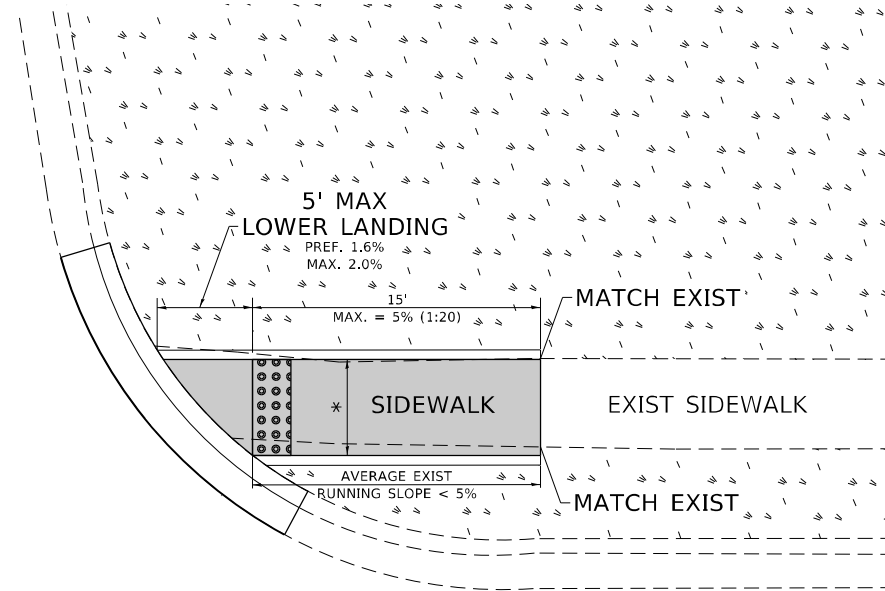
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	44
BM-20		CONTRACT NO. 62P32		
ILLINOIS FED. AID PROJECT				

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

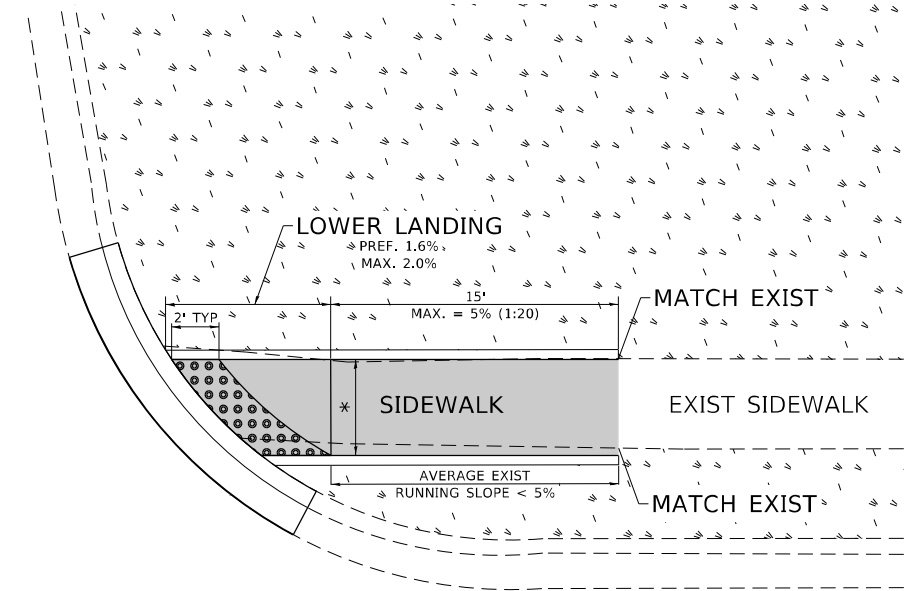
PD-01A



PD-01B



PD-01C



LEGEND

- 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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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

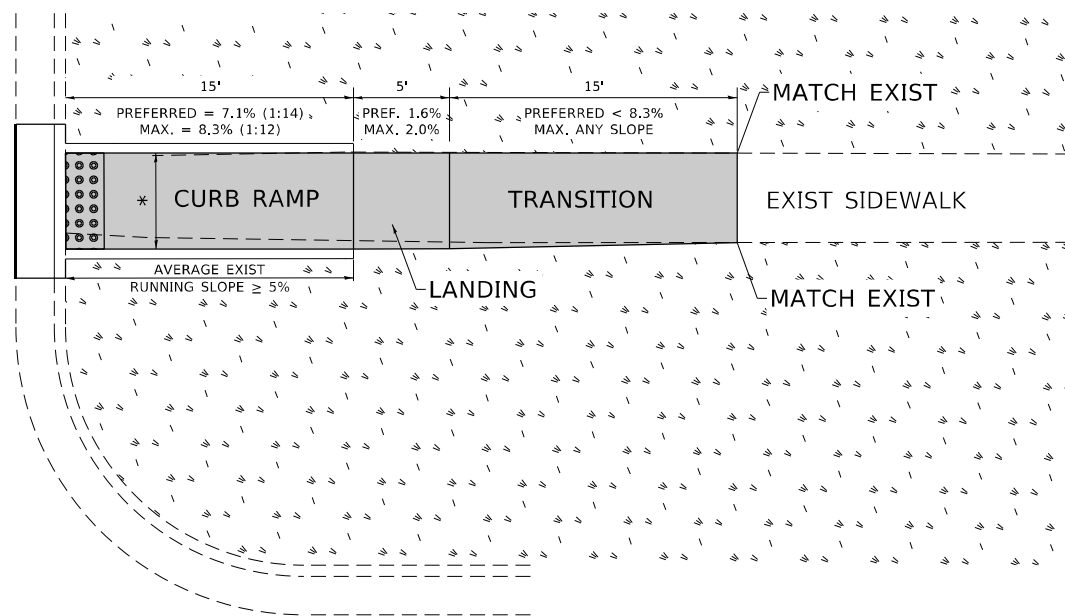
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

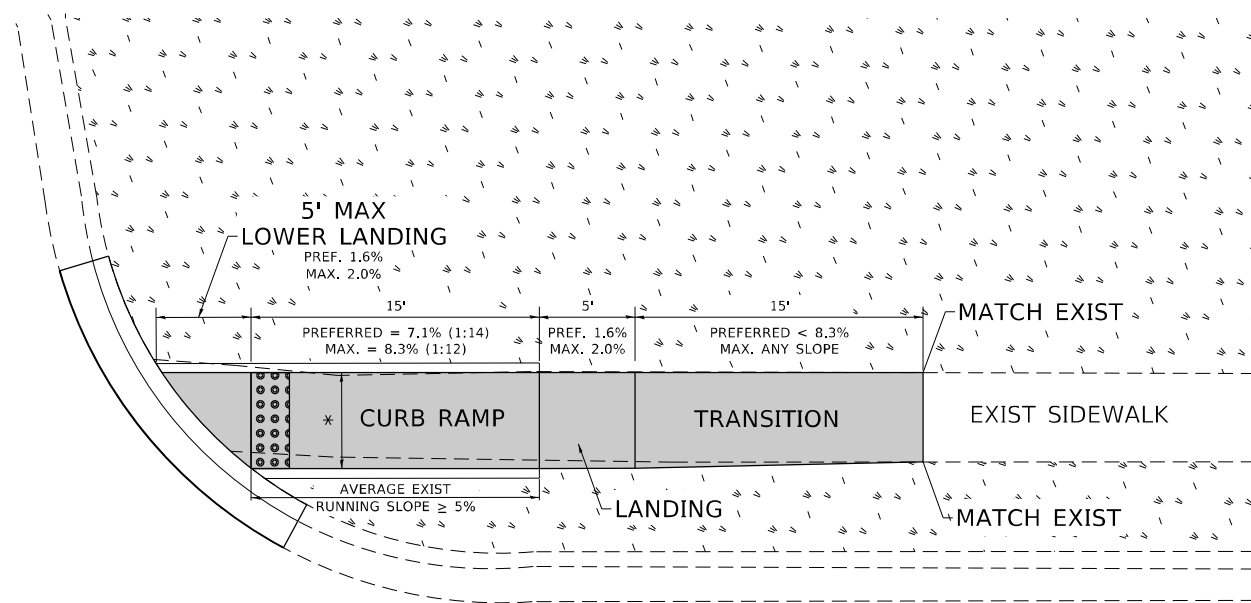
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1332	2021-107-R5&SW	COOK	49	45
PD-01		ILLINOIS	CONTRACT NO. 62P32	
		ILLINOIS	FED. AID PROJECT	

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

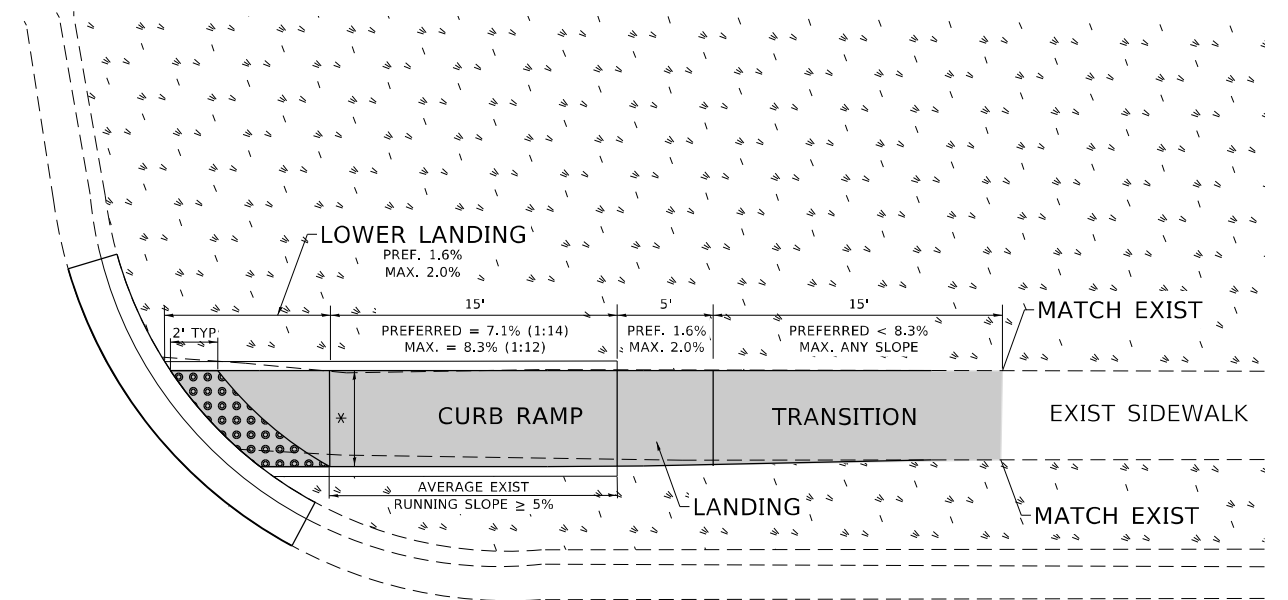
PD-02A



PD-02B



PD-02C



LEGEND

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

CONSTRUCTION NOTES:

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

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PLOT DATE = 2/10/2022	DATE - 10/02/2019	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

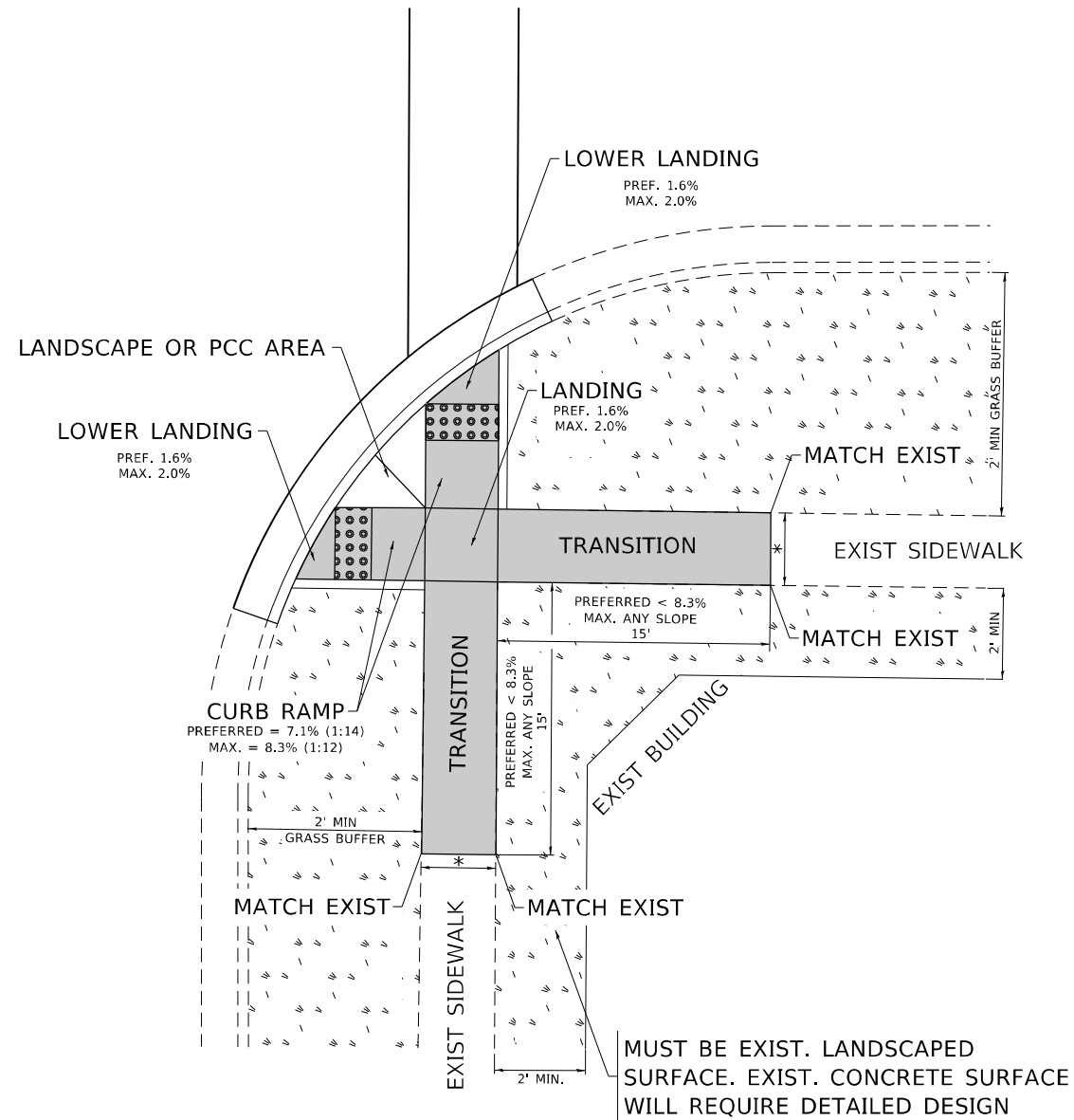
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-02)**

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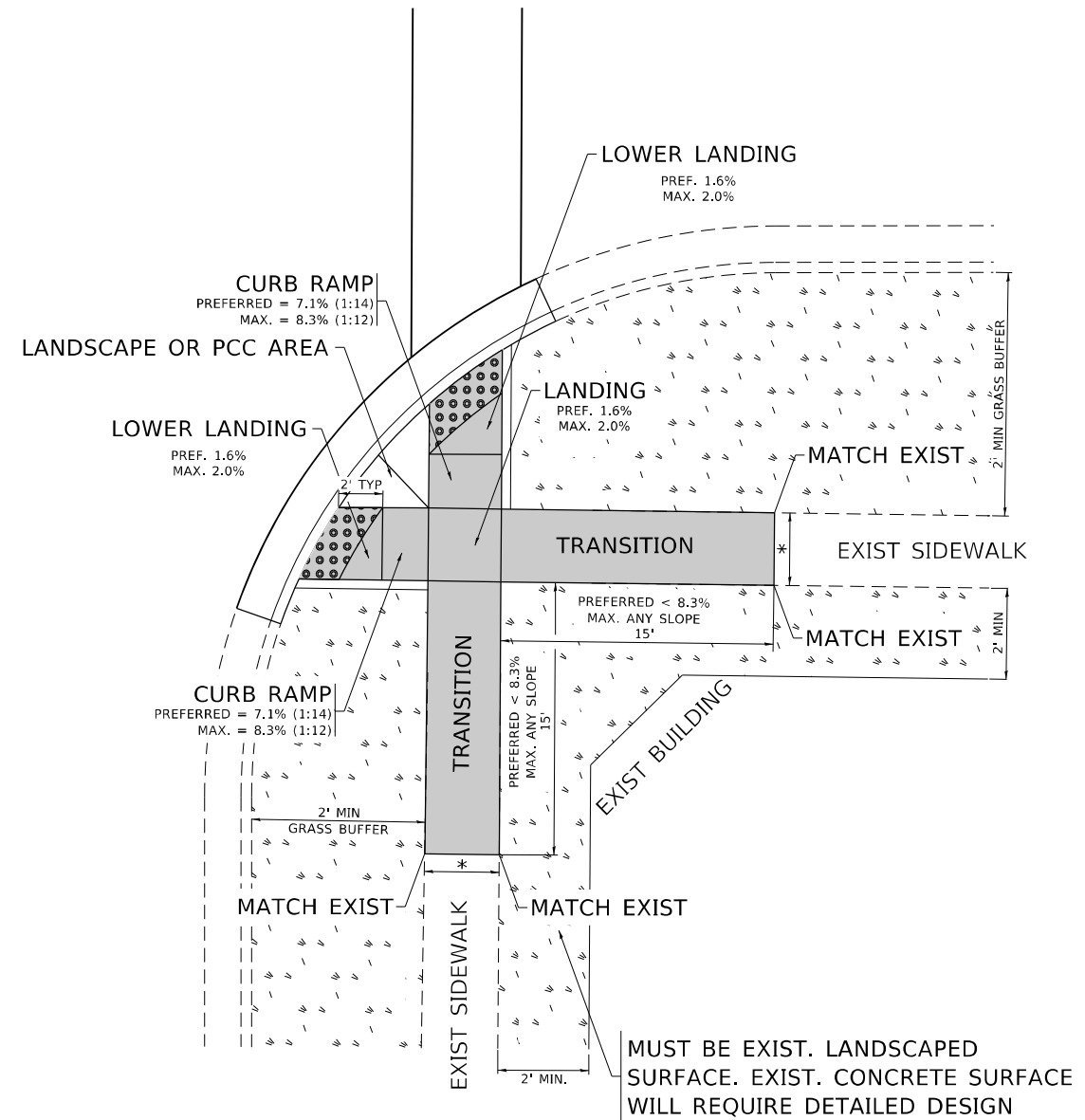
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1332	2021-107-R5&SW	COOK	49	46
PD-02		ILLINOIS	CONTRACT NO. 62P32	
		ILLINOIS	FED. AID PROJECT	

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



LEGEND

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

CONSTRUCTION NOTES:

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

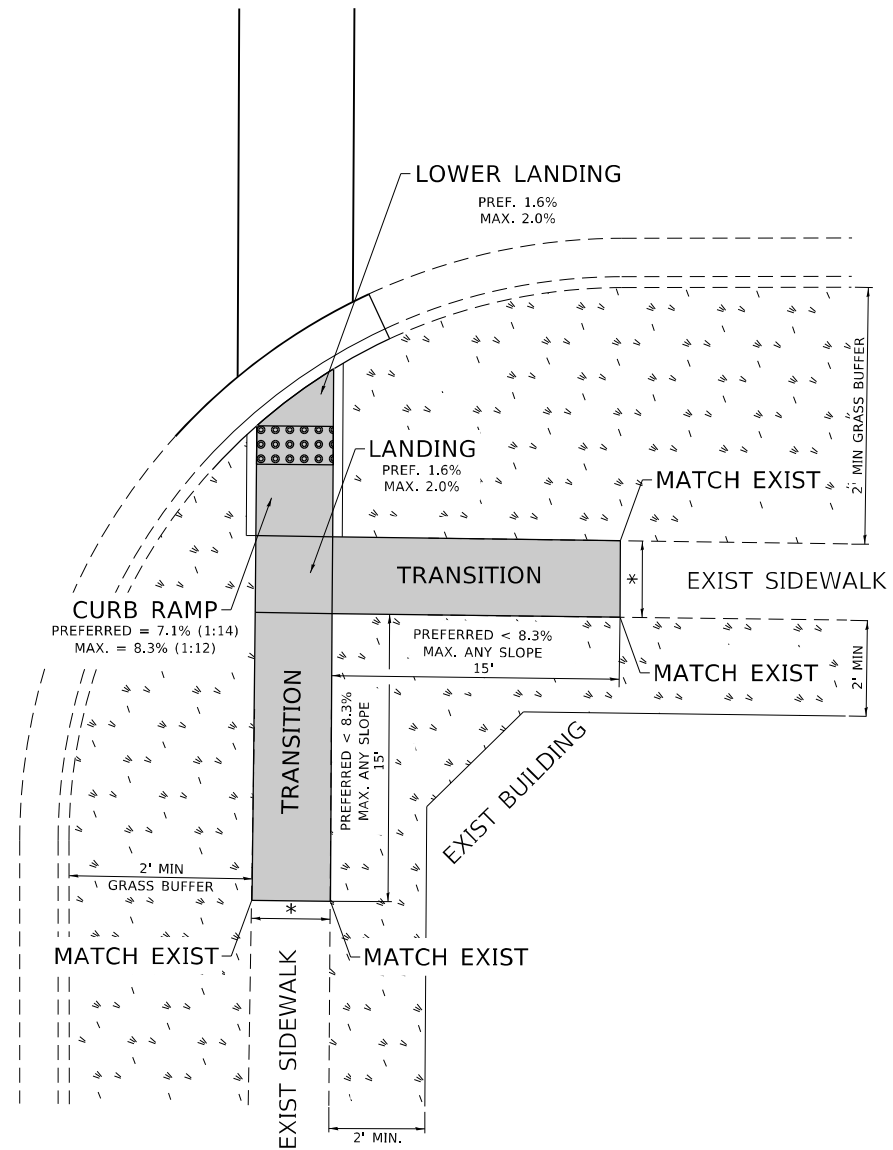
**PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS
(PD-03)**

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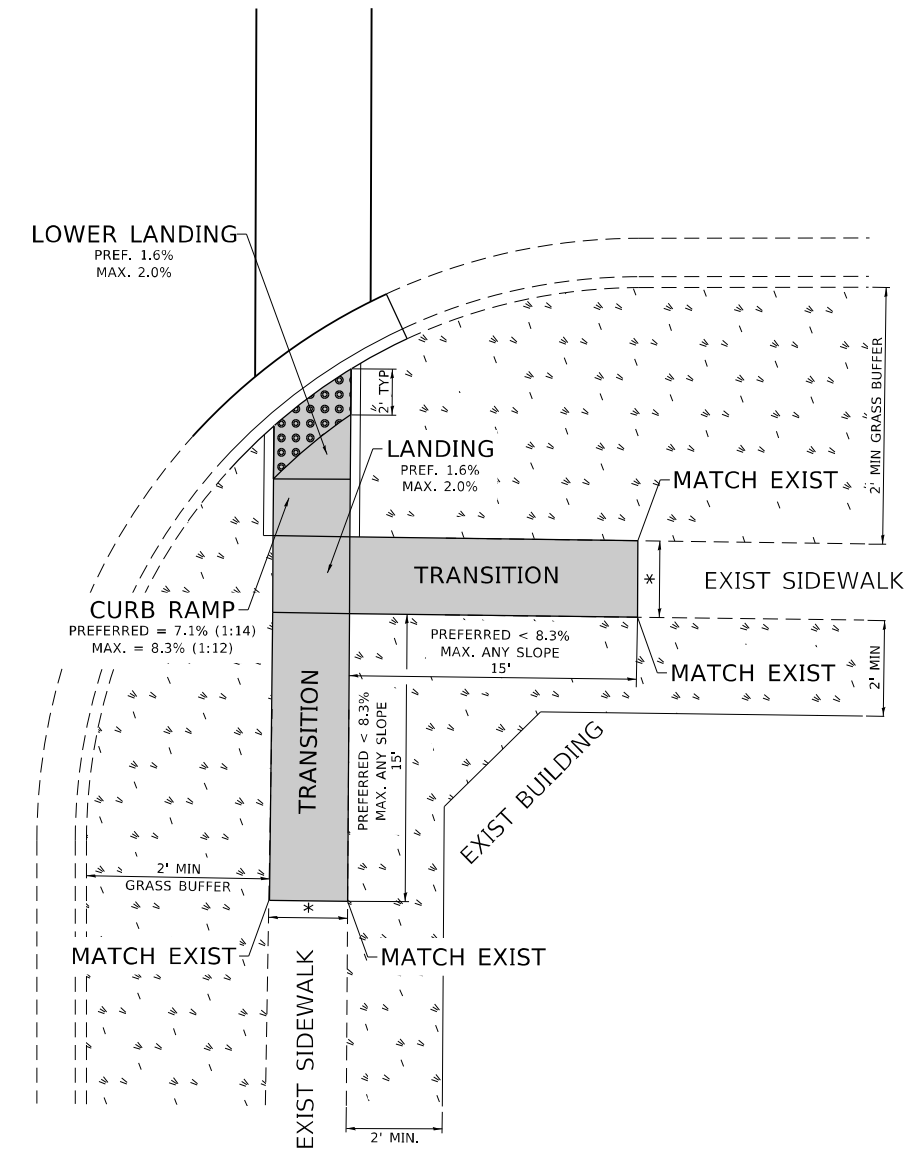
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1332	2021-107-R5&SW	COOK	49	47
PD-03		ILLINOIS	CONTRACT NO. 62P32	
		ILLINOIS	FED. AID PROJECT	

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



LEGEND

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

CONSTRUCTION NOTES:

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

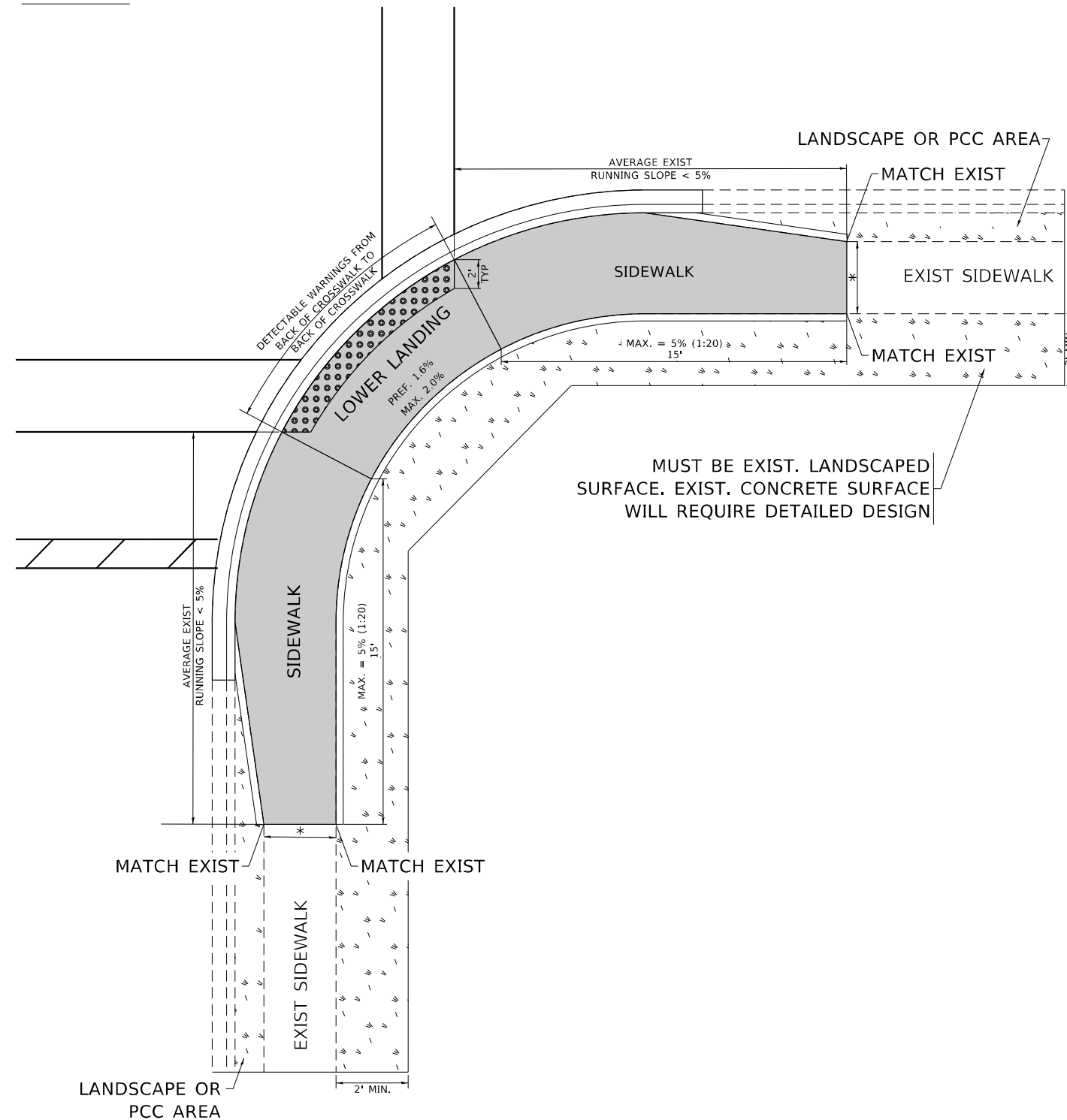
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH
TURNING SPACE (PD-04)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

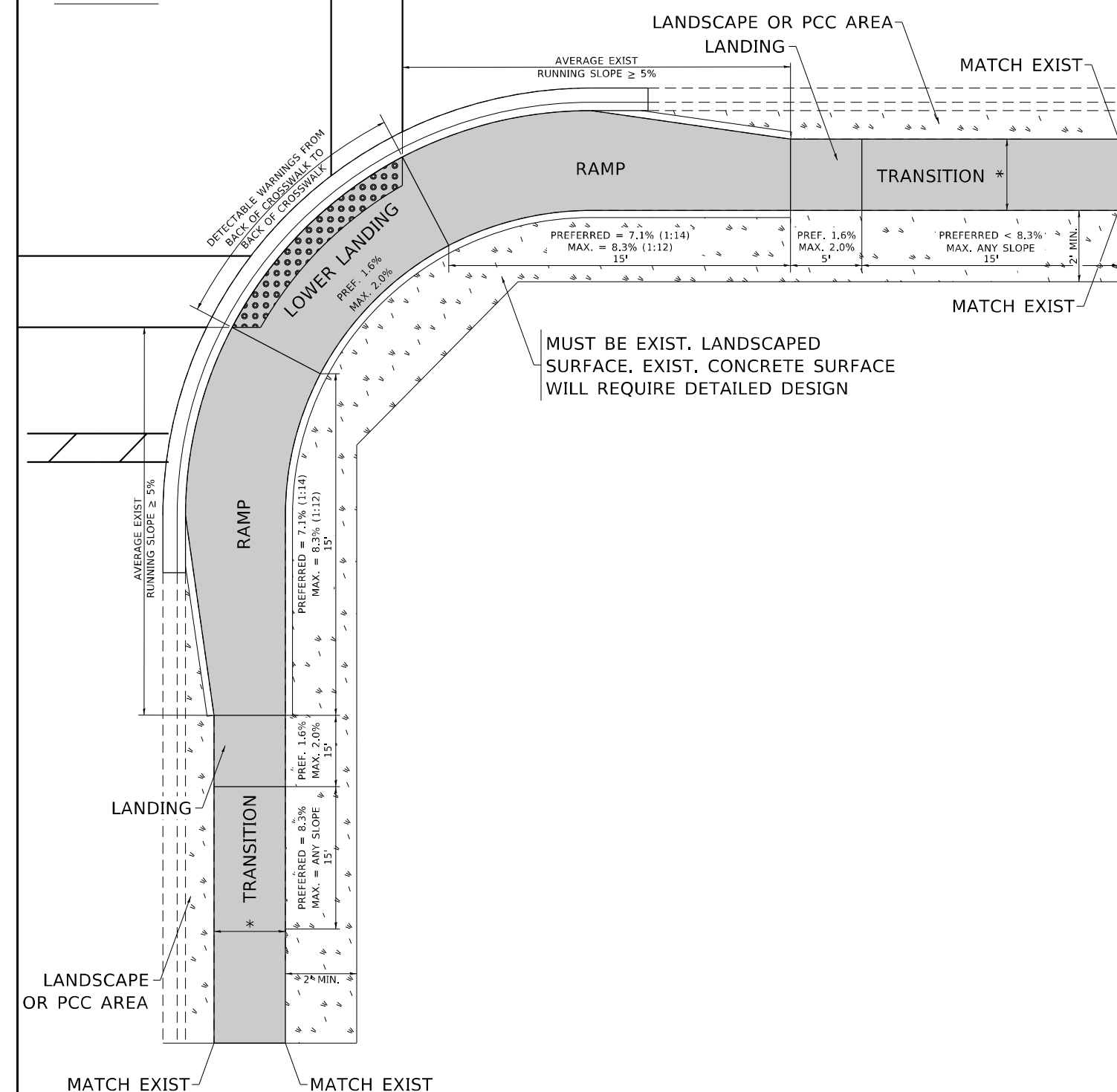
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	48
PD-04		CONTRACT NO. 62P32		
		ILLINOIS FED. AID PROJECT		

ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING

PD-06A



PD-06B



LEGEND

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

CONSTRUCTION NOTES:

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR PARALLEL CURB RAMPS
(PD-06)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2021-107-R5&SW	COOK	49	49
PD-06		ILLINOIS	CONTRACT NO. 62P32	
ILLINOIS FED. AID PROJECT				