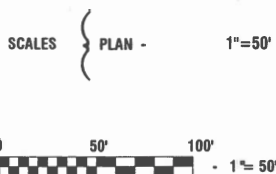


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
FEDERAL AID PROJECT

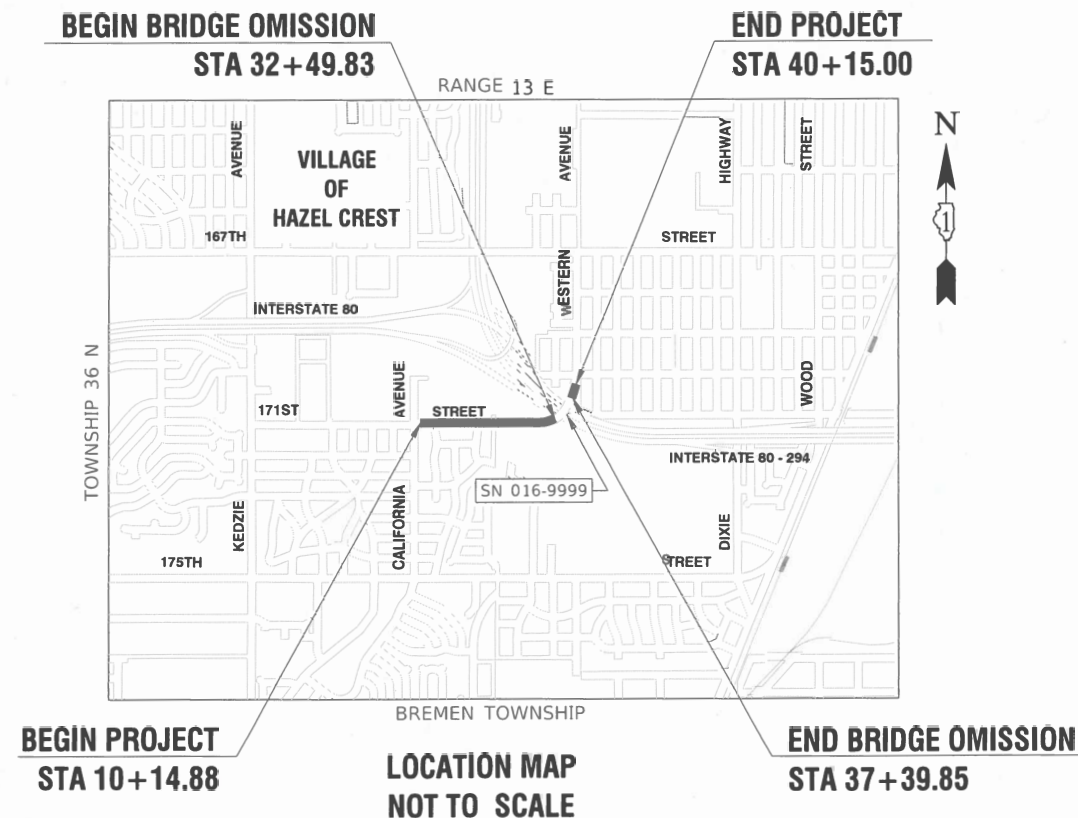
FAU ROUTE 1615 & 2854 (171ST STREET)
CALIFORNIA AVENUE TO WESTERN AVENUE
ROADWAY RESURFACING
SECTION NO.: 25-00097-00-RS
PROJECT NO.: UIWQ(331)
VILLAGE OF HAZEL CREST
COOK COUNTY
JOB NO.: C-91-051-26

171ST STREET
CALIFORNIA AVENUE TO WESTERN AVENUE
2022 ADT- 1,300
POSTED SPEED LIMIT- 25 MPH
FUNCTIONAL CLASSIFICATION- MINOR COLLECTOR

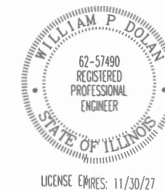


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



GROSS LENGTH= 3,000.12 FEET= 0.57 MILES
NET LENGTH= 2,510.10 FEET= 0.48 MILES



Will P. Dohan
12-18-25



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	12/19/2025 Sandra Alexander VILLAGE OF HAZEL CREST, PRESIDENT
PASSED	December 19, 2025 C.F. Biddle JAF DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	Dec 19, 2025 [Signature] REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF
THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
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6	TYPICAL CROSS SECTIONS
7-8	ALIGNMENT, TIES AND BENCHMARKS
9-10	PROPOSED IMPROVEMENT PLAN
11-12	PAVEMENT MARKING AND SIGNAGE
13	CONSTRUCTION DETAILS
14-20	IDOT DISTRICT 1 STANDARDS

HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600m) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS

DISTRICT ONE DETAILS

BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINTS AND HMA TAPER
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

GENERAL NOTES

- ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.
- THE ROBINSON ENGINEERING, LTD. FIELD OFFICE (708-331-6700), AND THE PUBLIC WORKS DIRECTOR, AT THE VILLAGE OF HAZEL CREST (708-335-9600), SHALL BE NOTIFIED THREE (3) WORKING DAYS BEFORE CONSTRUCTION BEGINS.
- BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 AND (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED)
- UTILITIES INDICATED ON THE PLANS ARE PROVIDED FOR THE CONTRACTOR'S USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITY INFORMATION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE THICKNESS OF HMA MIXTURE STATED IN THE SPECIFICATIONS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA SURFACE IS PLACED.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SHALL BE REMOVED BY THE END OF EACH DAY BY THE CONTRACTOR.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
- ALL EQUIPMENT SHALL BE REMOVED OFF THE VILLAGE STREETS DURING ALL HOLIDAY WEEKENDS AS COORDINATED WITH THE VILLAGE.
- NO PAVEMENT PATCHING SHALL BE PERMITTED AFTER FRIDAY AT 3:00 PM OF EACH AND EVERY WEEK AND NO HOLES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT OR OVER THE WEEKEND.
- HMA PAVING SHALL BE PERFORMED WITH HOT JOINTS.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- TEMPORARY INFORMATION SIGNS ON TEMPORARY SUPPORTS SHALL BE PROVIDED FOR ALL COMMERCIAL DRIVEWAYS THAT ARE LOCATED WITHIN A WORK AREA. THESE SIGNS SHALL BE RELOCATED AS REQUIRED FOR EACH CONSTRUCTION STAGE AND SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL REMOVE OR COVER ALL W21-1 (WORKERS PRESENT) AND W20-7 (FLAGGER) SIGNS WHEN WORKERS ARE NOT PRESENT OR IF THE SIGN IS NOT APPLICABLE.
- THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE FORESTER/ARBORIST OR IDOT ROADSIDE DEVELOPMENT UNIT (847.705.4171) PRIOR TO THE START OF CONSTRUCTION TO DO A WALK THROUGH AND DETERMINE WHICH TREES OR SHRUBS ARE TO BE PROTECTED, METHOD OF PROTECTION, AND DETERMINE TYPE OF WORK TO MINIMIZE DAMAGE TO THE TREE.

COMMITMENTS

NONE.

FILE NAME = 25R0447-INDX-01 - P01	USER NAME =	DESIGNED — AL	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	171ST STREET ROADWAY RESURFACING INDEX OF SHEETS, STANDARDS & GENERAL NOTES			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED — WPD	REVISED —					1615 & 2854	25-00097-00-RS	COOK	20	2
	PLOT SCALE =	DRAWN — RG	REVISED —					CONTRACT NO. 61M18				
	PLOT DATE = 12-18-25	CHECKED — AG	REVISED —		SCALE: NONE	SHEET NO. 2 OF 20 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	UIWQ(331)

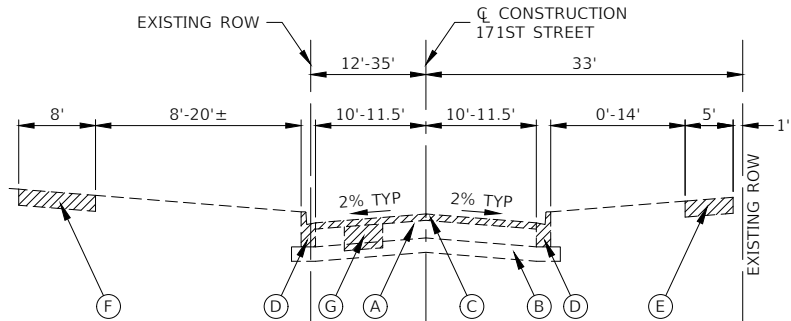
				FED 100%	FED 100%
				VILLAGE 0%	VILLAGE 0%
				ROADWAY	SAFETY
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				0005	0021
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	75	75	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4,735		4,735
42400800	DETECTABLE WARNINGS	SQ FT	140		140
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	6,890	6,890	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	245	245	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,770	1770	
44000600	SIDEWALK REMOVAL	SQ FT	4,220		4,220
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	25	25	
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	75	75	
60404800	FRAMES AND GRATES, TYPE 11	EACH	5	5	
60404900	FRAMES AND GRATES, TYPE 12	EACH	7	7	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	305	305	
60608562	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	1,465	1,465	
67100100	MOBILIZATION	LSUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	230		230
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	60		60

* SPECIALTY ITEM

FILE NAME = 25R0447-QUAN-01 - ID0102	USER NAME =	DESIGNED -- AL	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	171ST STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -- WPD	REVISED --					1615 & 2554	25-00067-00-RS	COOK	20	4
	PLOT SCALE =	DRAWN -- BG	REVISED --					CONTRACT NO. 61M18				
	PLOT DATE = 12-18-25	CHECKED -- AG	REVISED --					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT UIWQ(S31)				
SCALE NONE		SHEET NO. 4 OF 20 SHEETS		STA.		TO STA.						

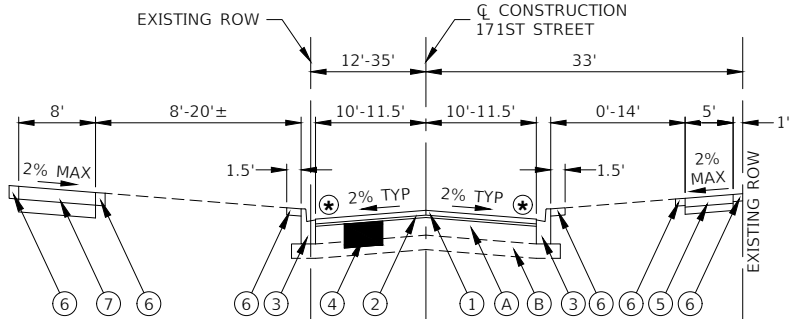
				FED 100%	FED 100%
				VILLAGE 0%	VILLAGE 0%
				ROADWAY	SAFETY
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				0005	0021
*	72000100	SIGN PANEL - TYPE 1	SQ FT	105	105
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4
*	72900100	METAL POST - TYPE A	FOOT	210	210
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,845	2,845
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	330	330
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	180	180
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	40	40
	K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	6	6
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1	1
	X4060282	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	174	174
	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	2	2
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	11	11
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	54	54
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	26	26
	Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	2	2

FILE NAME = 25R0447-QUA01-1 - IDOT03	USER NAME =	DESIGNED -- AL	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	171ST STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -- WPD	REVISED --					1615 & 2654	25-00097-00-RS	COOK	20	5
	PLOT SCALE =	DRAWN -- BG	REVISED --					CONTRACT NO. 61M18				
	PLOT DATE = 12-19-25	CHECKED -- AG	REVISED --		SCALE: NONE	SHEET NO. 5 OF 20 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT UHWQ(331)		



EXISTING TYPICAL SECTION

171ST STREET
STA 10+14.88 TO STA 32+49.83
STA 37+39.85 TO STA 40+15.00



PROPOSED TYPICAL SECTION

171ST STREET
STA 10+14.88 TO STA 32+49.83
STA 37+39.85 TO STA 40+15.00

⊛ FINISHED PAVEMENT SURFACE SHALL
BE 1/4" ABOVE TOP OF GUTTER

EXISTING LEGEND

- Ⓐ EXISTING PAVEMENT, 5 1/2" TO 9 1/2"±
- Ⓑ EXISTING SUBBASE, 4" TO 5"±
- Ⓒ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- Ⓓ EXISTING COMBINATION CURB AND GUTTER REMOVAL
(AT LOCATIONS AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER)
- Ⓔ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL
(AT LOCATIONS AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER)
- Ⓕ EXISTING HMA PATH REMOVAL
(AT LOCATIONS AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER)
- Ⓖ PAVEMENT REMOVAL FOR CLASS D PATCHES, 8 INCH
- ▨ ITEM TO BE REMOVED (AS DIRECTED BY ENGINEER)

NOTES:

- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50.
- ALL PATCHING OPERATIONS SHALL TAKE PLACE AFTER SURFACE MILLING HAS BEEN COMPLETED.
- HOT-MIX ASPHALT PATH REMOVAL AND REPLACEMENT WILL BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL AND HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4" OR PORTLAND CEMENT CONCRETE, 5 INCH

PROPOSED LEGEND

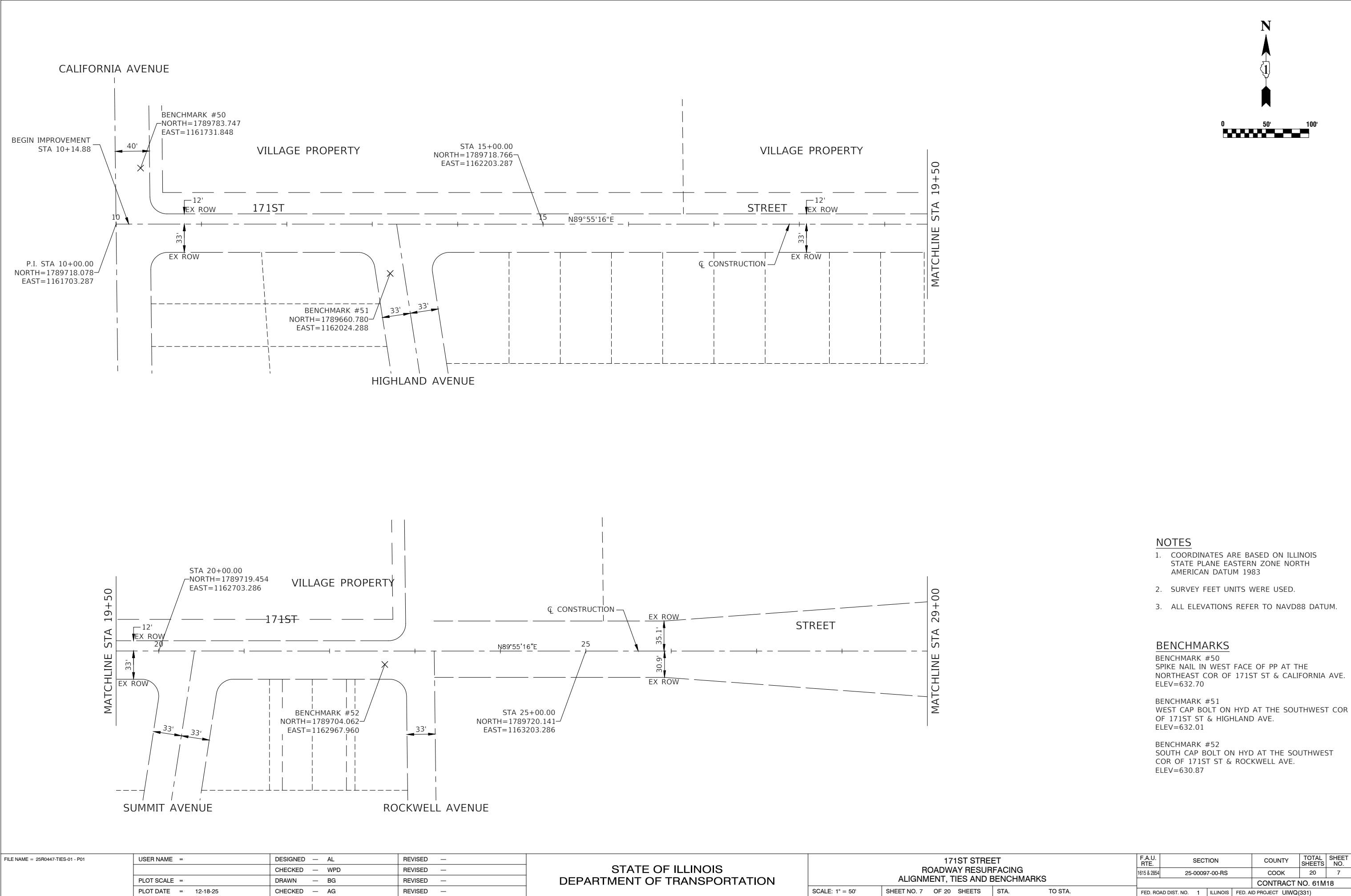
- ① HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12 OR TYPE B-6.12
(AT LOCATIONS AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER)
- ④ CLASS D PATCHES, 8 INCH
AGGREGATE SUBGRADE IMPROVEMENT
(AT LOCATIONS AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
ON AGGREGATE BASE COURSE, TYPE B, 4"
(AT LOCATIONS AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER)
- ⑥ TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
(AT LOCATIONS AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER)
- ⑦ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
ON AGGREGATE BASE COURSE, TYPE B, 4"
(AT LOCATIONS AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
ROADWAY RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50, 1 1/2"	4% @ 50 Gyr.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-4.75, N50, 3/4"	3.5% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"		
HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50, 1 1/2"	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50, 2 1/2"	4% @ 50 Gyr.	LR 1030-2
PATCHING		
CLASS D PATCHES (HMA BINDER 1L-19mm), 8"	4% @ 70 Gyr.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2		

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE IS 112 LBS/SQ YD/IN.
- 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.

FILE NAME = 25R0447-TYPX-01 - P01	USER NAME =	DESIGNED — AL	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	171ST STREET ROADWAY RESURFACING TYPICAL CROSS SECTIONS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED — WPD	REVISED —					1615 & 2854	25-00097-00-RS	COOK	20	6
	PLOT SCALE =	DRAWN — BG	REVISED —					CONTRACT NO. 61M18				
	PLOT DATE = 12-18-25	CHECKED — AG	REVISED —									
					SCALE: NONE	SHEET NO. 6	OF 20 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT UIWQ(331)	



- NOTES**
- COORDINATES ARE BASED ON ILLINOIS STATE PLANE EASTERN ZONE NORTH AMERICAN DATUM 1983
 - SURVEY FEET UNITS WERE USED.
 - ALL ELEVATIONS REFER TO NAVD88 DATUM.

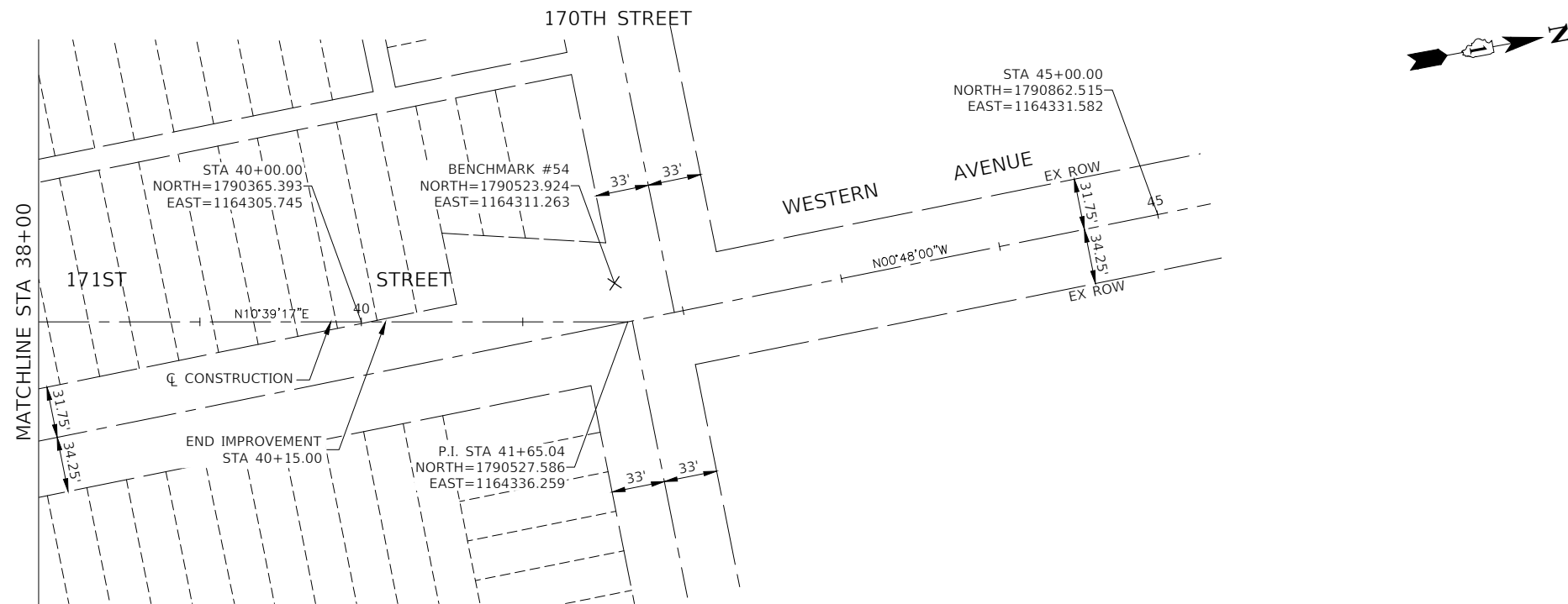
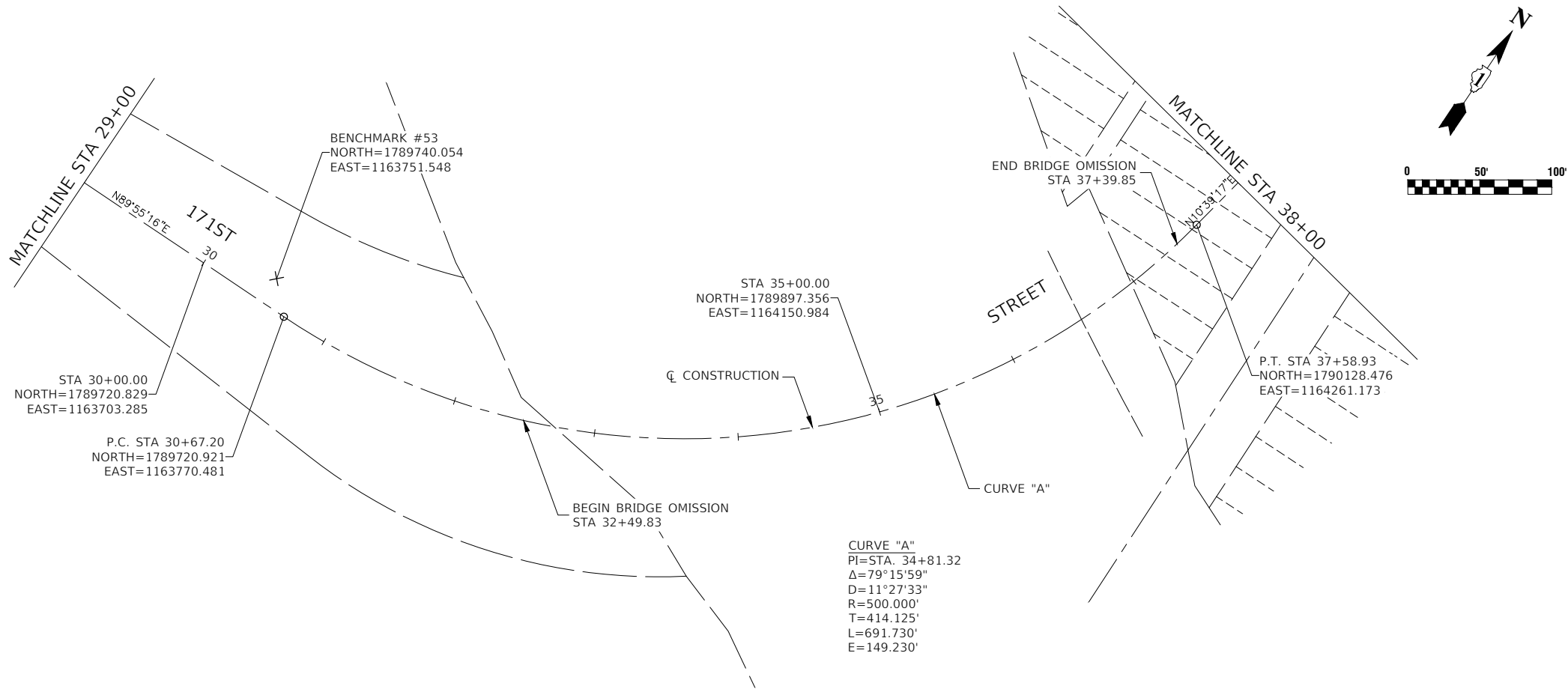
BENCHMARKS

BENCHMARK #50
SPIKE NAIL IN WEST FACE OF PP AT THE NORTHEAST COR OF 171ST ST & CALIFORNIA AVE.
ELEV=632.70

BENCHMARK #51
WEST CAP BOLT ON HYD AT THE SOUTHWEST COR OF 171ST ST & HIGHLAND AVE.
ELEV=632.01

BENCHMARK #52
SOUTH CAP BOLT ON HYD AT THE SOUTHWEST COR OF 171ST ST & ROCKWELL AVE.
ELEV=630.87

FILE NAME = 25R0447-TIES-01 - P01	USER NAME =	DESIGNED — AL	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	171ST STREET ROADWAY RESURFACING ALIGNMENT, TIES AND BENCHMARKS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		CHECKED — WPD	REVISED —					1615 & 2854	25-00097-00-RS	COOK	20	7		
	PLOT SCALE =	DRAWN — BG	REVISED —					CONTRACT NO. 61M18						
	PLOT DATE = 12-18-25	CHECKED — AG	REVISED —											
				SCALE: 1" = 50'	SHEET NO. 7	OF 20 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	UIWQ(331)



NOTES

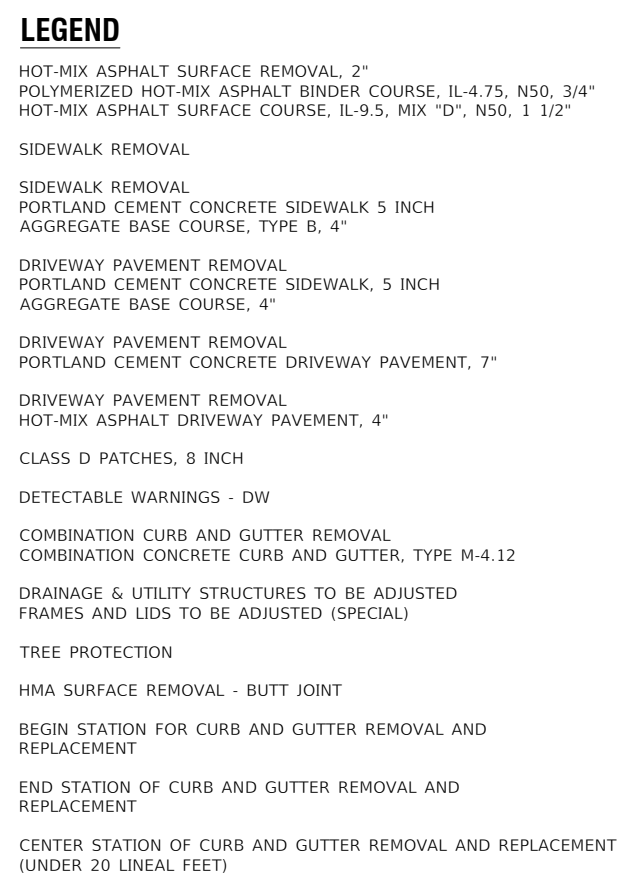
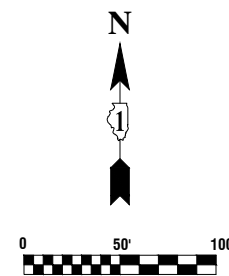
- COORDINATES ARE BASED ON ILLINOIS STATE PLANE EASTERN ZONE NORTH AMERICAN DATUM 1983
- SURVEY FEET UNITS WERE USED.
- ALL ELEVATIONS REFER TO NAVD88 DATUM.

BENCHMARKS

BENCHMARK #53
SQUARE ON TOP OF SOUTH SIDE OF CONC BASE FOR LIGHT POLE ON NORTH SIDE OF 171ST ST, 3RD LIGHT POLE EAST OF ROCKWELL AVE.
ELEV=644.29

BENCHMARK #54
SPIKE NAIL IN EAST FACE OF PP WITH LIGHT AT SOUTHWEST COR OF 170TH ST & WESTERN AVE.
ELEV=624.27

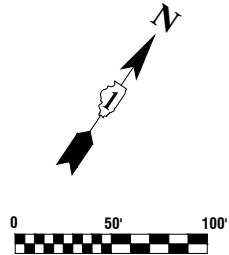
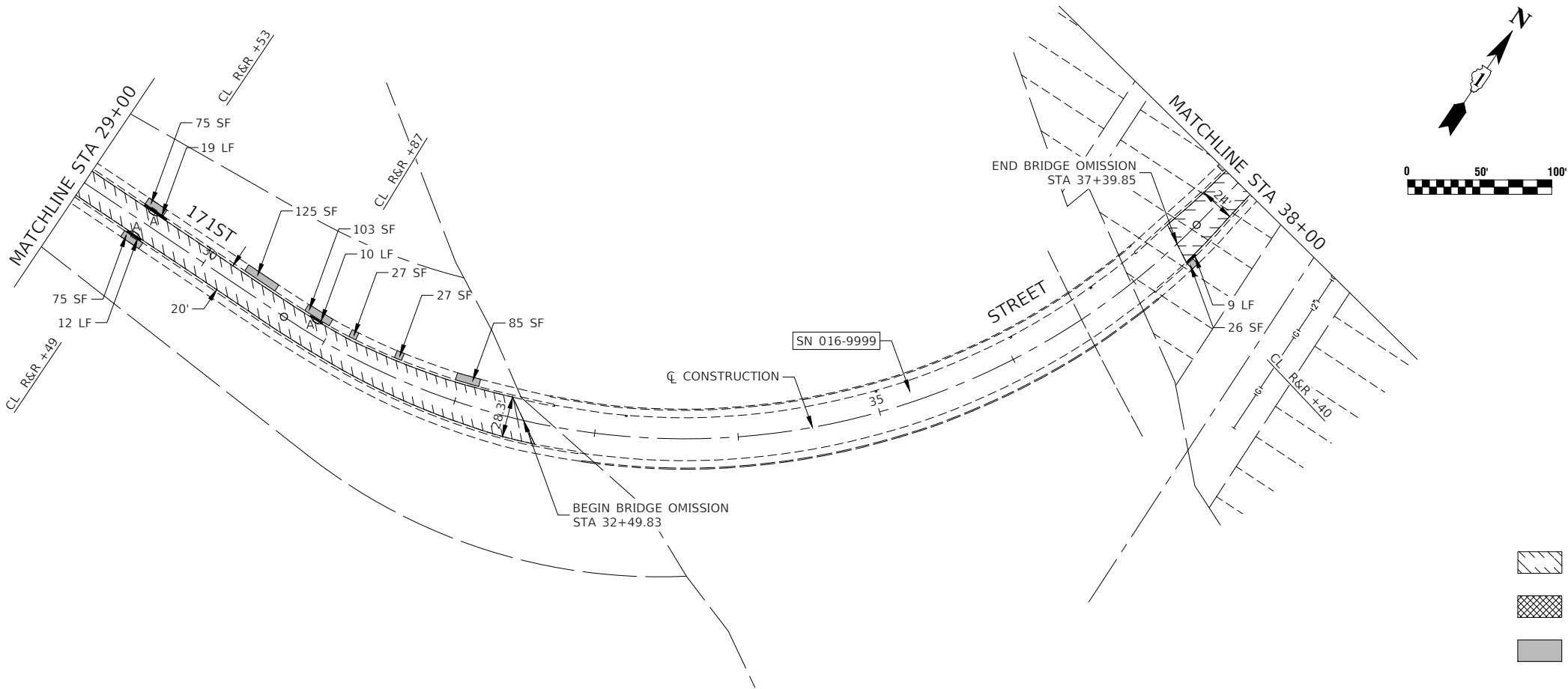
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		CHECKED — WPD	REVISED —					1615 & 2854	25-00097-00-RS	COOK	20	8
	PLOT SCALE =	DRAWN — BG	REVISED —					CONTRACT NO. 61M18				
	PLOT DATE = 12-18-25	CHECKED — AG	REVISED —									
SCALE: 1" = 50'		SHEET NO. 8 OF 20 SHEETS		STA. TO STA.								
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT UIWQ(331)						



NOTE:

1. AREAS WHERE SIDEWALK IS TO BE REMOVED AND NOT REPLACED SHALL BE REPLACED WITH "TOPSOIL FURNISH AND PLACE, 4" AND "SODDING, SALT TOLERANT" UNLESS OTHERWISE NOTED.
2. ALL SIDEWALK RAMPS WILL BE IN ACCORDANCE WITH THE HIGHWAY STANDARDS REFERENCED ON SHEET 2.
3. ALL COMBINATION CONCRETE CURB AND GUTTER WILL BE TYPE M-4.12 UNLESS CALLOUT STATES OTHERWISE.

FILE NAME = 25R0447-PLAN-01 - P01	USER NAME =	DESIGNED — AL	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	171ST STREET ROADWAY RESURFACING PROPOSED IMPROVEMENT PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED — WPD	REVISED —						1615 & 2854	25-00097-00-RS	COOK	20	9	
	PLOT SCALE =	DRAWN — BG	REVISED —		SCALE: 1" = 50'				SHEET NO. 9	OF 20 SHEETS	STA.	TO STA.		
	PLOT DATE = 12-18-25	CHECKED — AG	REVISED —									FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT UIWQ(331)		
					CONTRACT NO. 61M18									

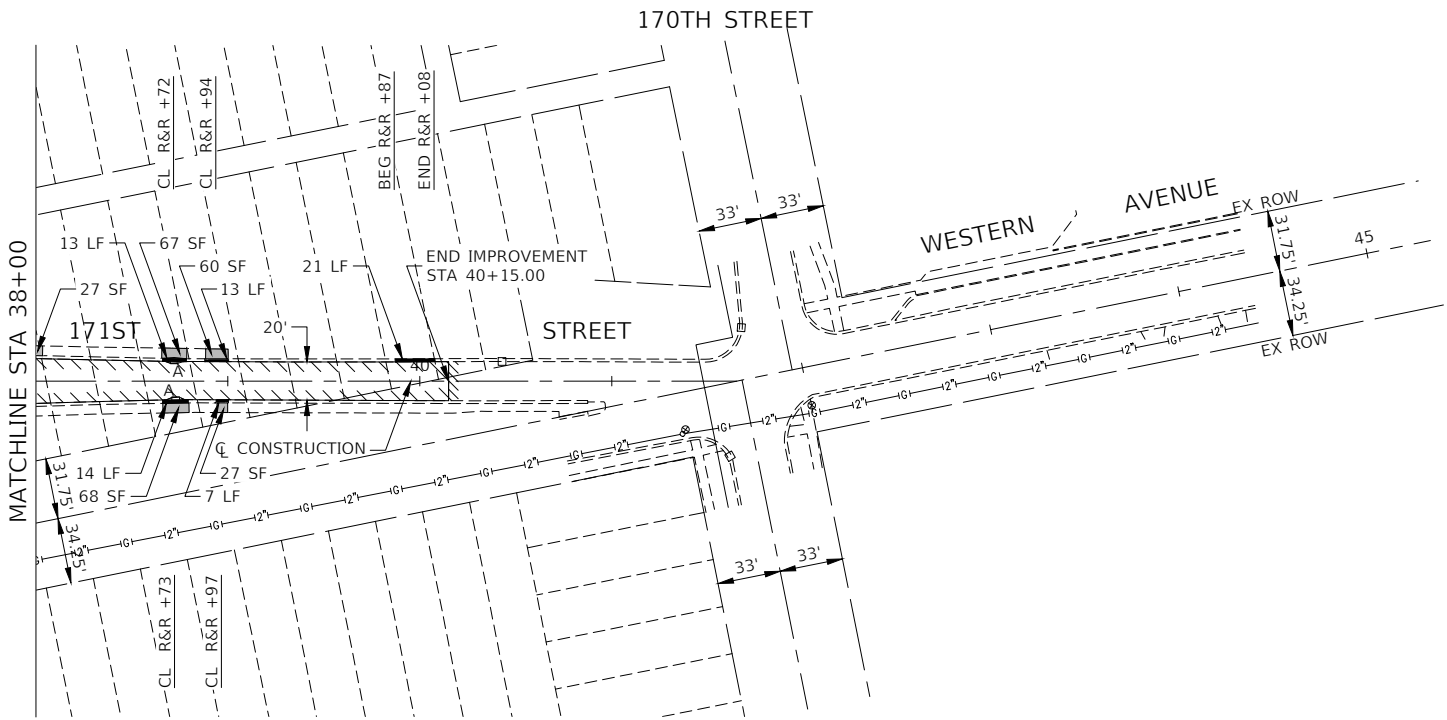


LEGEND

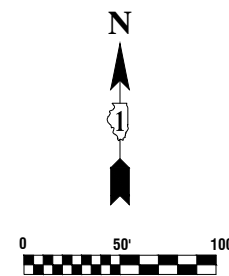
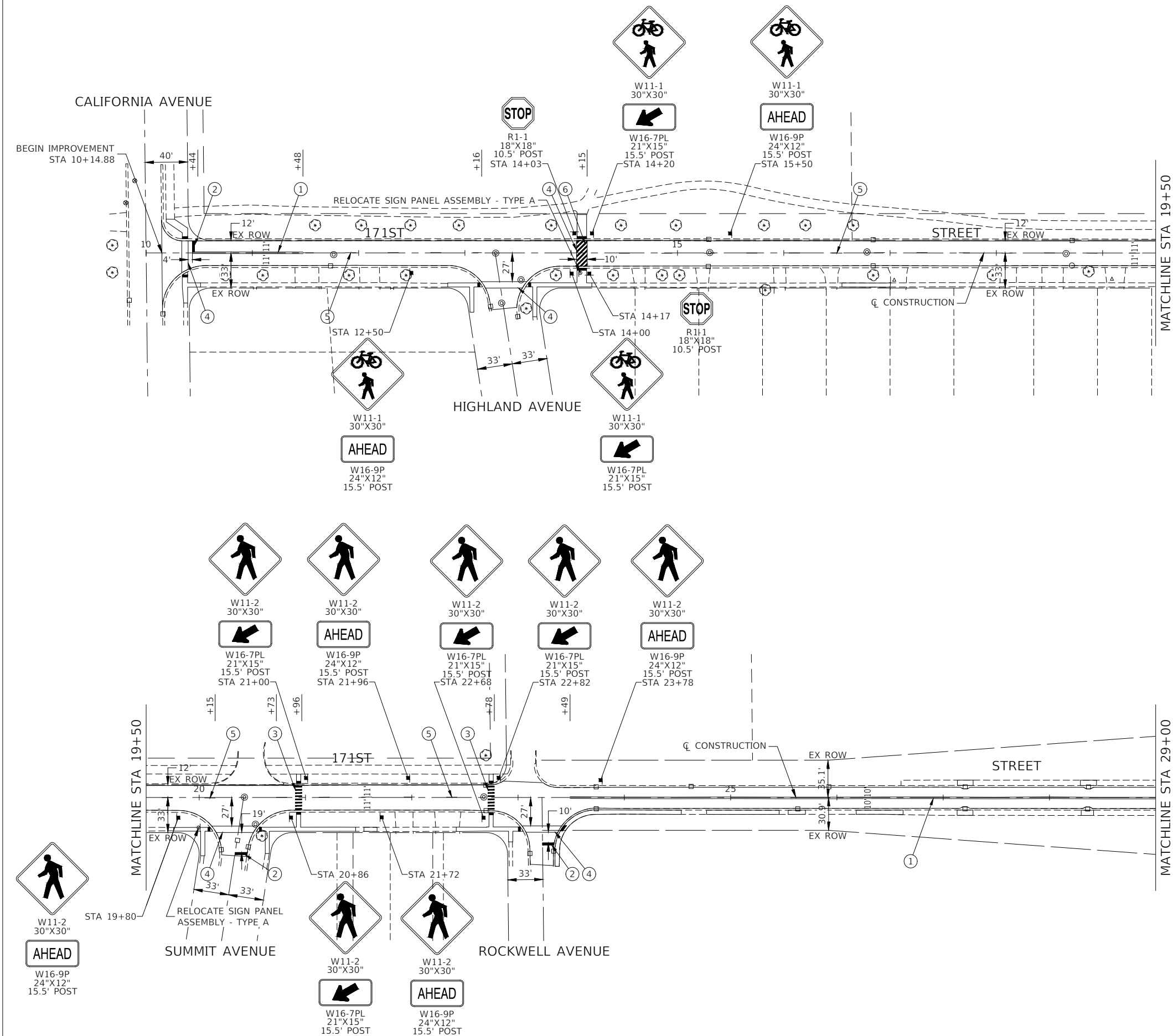
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"
- SIDEWALK REMOVAL
- SIDEWALK REMOVAL
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- DRIVEWAY PAVEMENT REMOVAL
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- AGGREGATE BASE COURSE, 4"
- DRIVEWAY PAVEMENT REMOVAL
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
- CLASS D PATCHES, 8 INCH
- DETECTABLE WARNINGS - DW
- COMBINATION CURB AND GUTTER REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
- "A"
- DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- TREE PROTECTION
- HMA SURFACE REMOVAL - BUTT JOINT
- BEG R&R +XX
- BEGIN STATION FOR CURB AND GUTTER REMOVAL AND REPLACEMENT
- END R&R +XX
- END STATION OF CURB AND GUTTER REMOVAL AND REPLACEMENT
- CL R&R +XX
- CENTER STATION OF CURB AND GUTTER REMOVAL AND REPLACEMENT (UNDER 20 LINEAL FEET)

NOTE:

- AREAS WHERE SIDEWALK IS TO BE REMOVED AND NOT REPLACED SHALL BE REPLACED WITH "TOPSOIL FURNISH AND PLACE, 4" AND "SODDING, SALT TOLERANT" UNLESS OTHERWISE NOTED.
- ALL SIDEWALK RAMPs WILL BE IN ACCORDANCE WITH THE HIGHWAY STANDARDS REFERENCED ON SHEET 2.
- ALL COMBINATION CONCRETE CURB AND GUTTER WILL BE TYPE M-4.12 UNLESS CALLOUT STATES OTHERWISE.



FILE NAME = 25R0447-PLAN-01 - P02	USER NAME =		DESIGNED — AL	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	171ST STREET ROADWAY RESURFACING PROPOSED IMPROVEMENT PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	CHECKED — WPD			REVISED —					1615 & 2854	25-00097-00-RS	COOK	20	10		
	PLOT SCALE =		DRAWN — BG	REVISED —					CONTRACT NO. 61M18						
	PLOT DATE = 12-18-25		CHECKED — AG	REVISED —											
					SCALE: 1" = 50'	SHEET NO. 10 OF 20 SHEETS			STA. TO STA.			FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT UIWQ(331)	



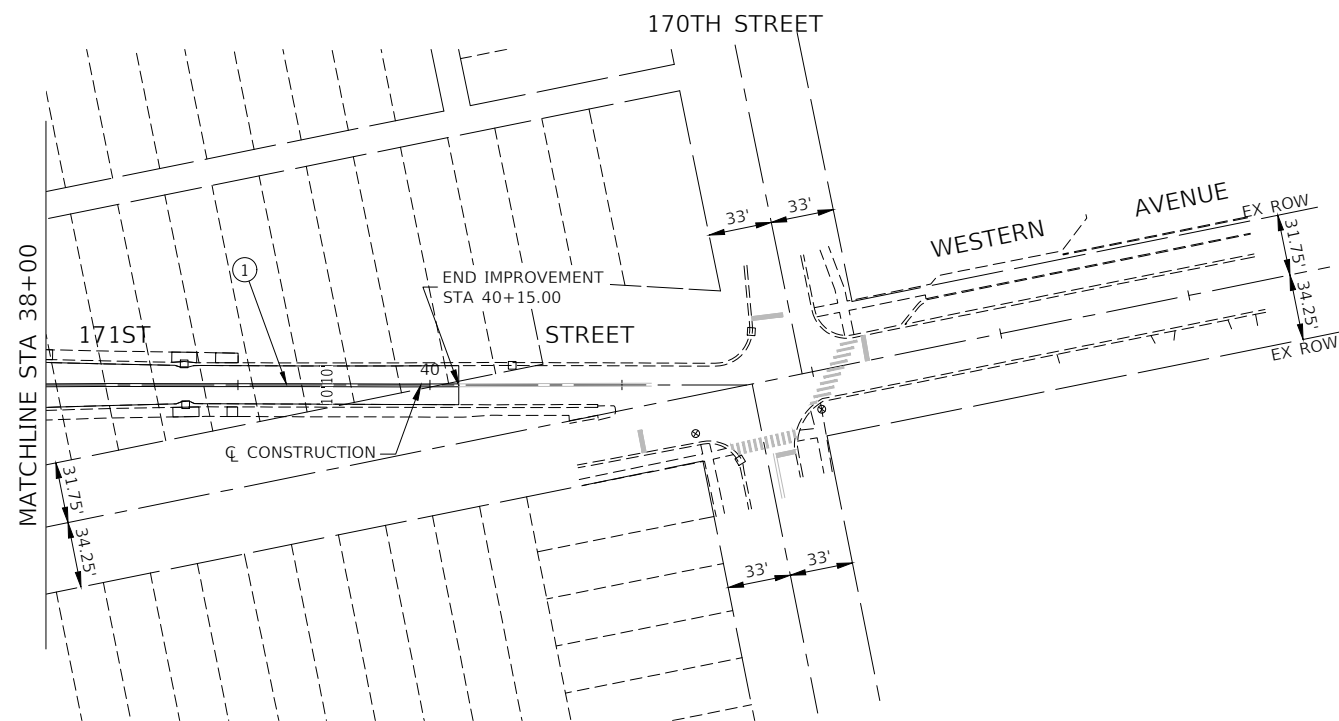
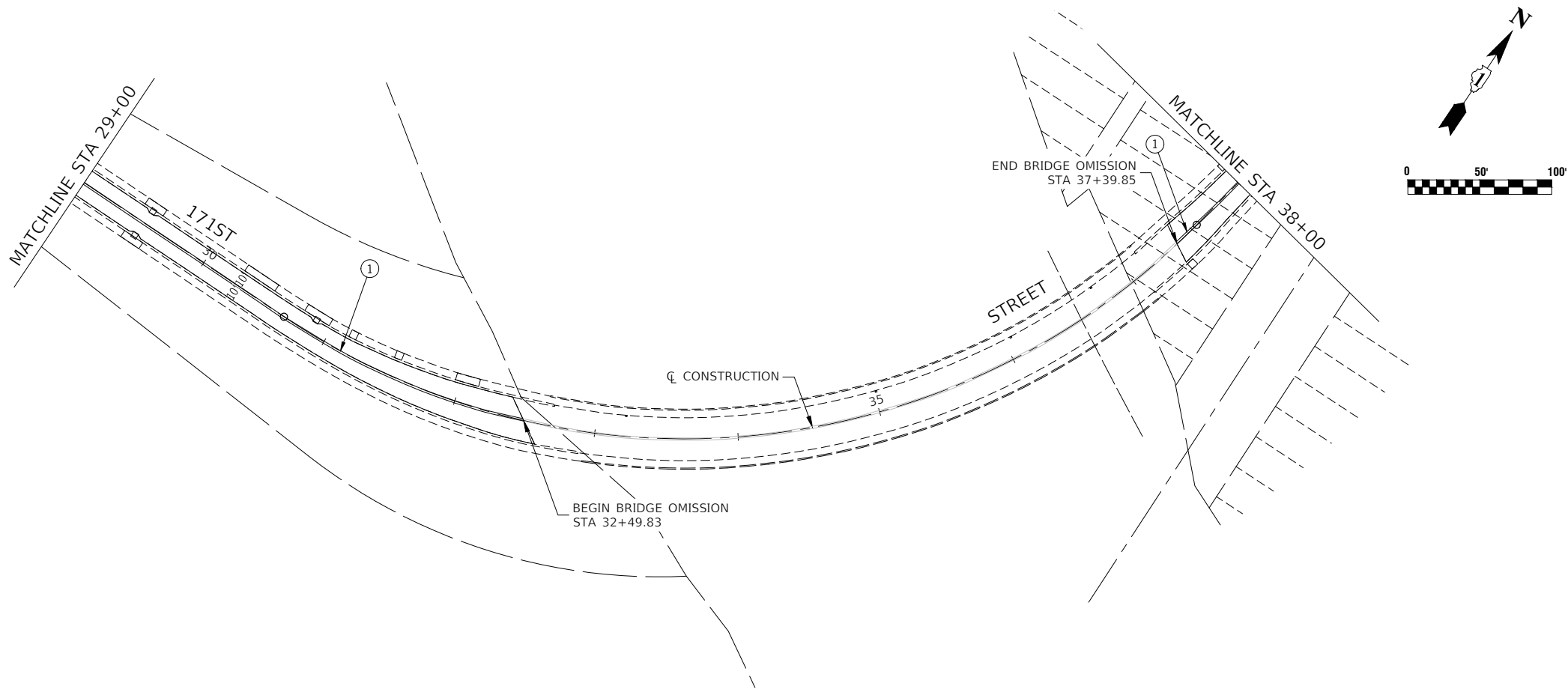
PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOUBLE YELLOW LINE (11" C-C)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE STOP BAR LINE
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE CROSS-WALK (3' C-C)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE CROSS-WALK (6' C-C OR AS DIMENSIONED)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW SKIP DASH (10' LINE-30' SPACE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE CROSS-WALK (3' C-C @ 45 DEGREES)

NOTES

- 1. SEE TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING FOR GUIDANCE.
- 2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

FILE NAME = 25R0447-PVMK-01 - P01	USER NAME =		DESIGNED — AL	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	171ST STREET ROADWAY RESURFACING PAVEMENT MARKING AND SIGNAGE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			CHECKED — WPD	REVISED —						1615 & 2854	25-00097-00-RS	COOK	20	11
	PLOT SCALE =		DRAWN — BG	REVISED —						CONTRACT NO. 61M18				
	PLOT DATE = 12-18-25		CHECKED — AG	REVISED —						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT UIWQ(331)				
						SCALE: 1" = 50'	SHEET NO. 11 OF 20 SHEETS	STA.	TO STA.					



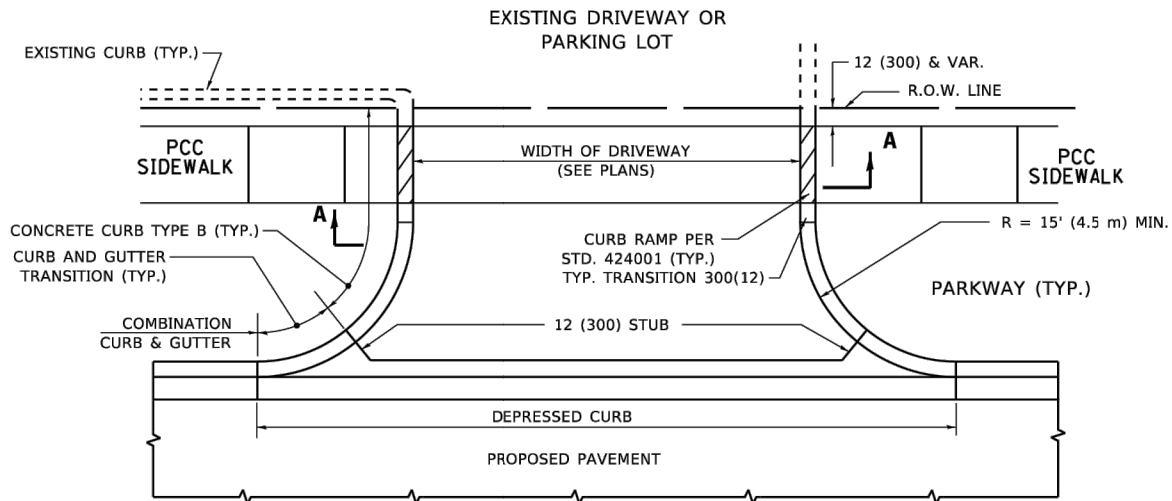
PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOUBLE YELLOW LINE (11" C-C)
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- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE CROSS-WALK (3' C-C @ 45 DEGREES)

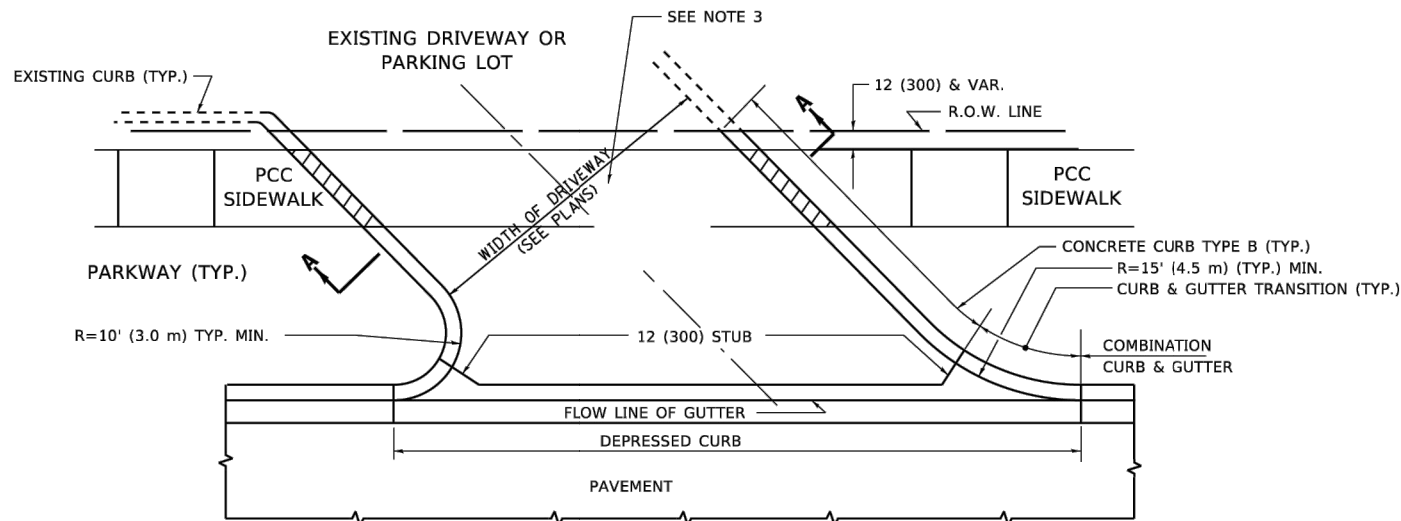
NOTES

- SEE TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING FOR GUIDANCE.
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

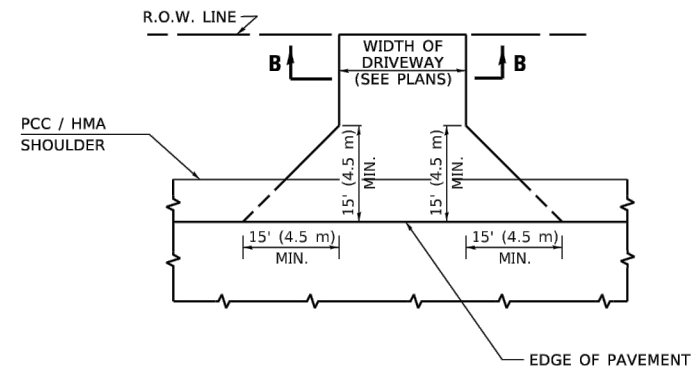
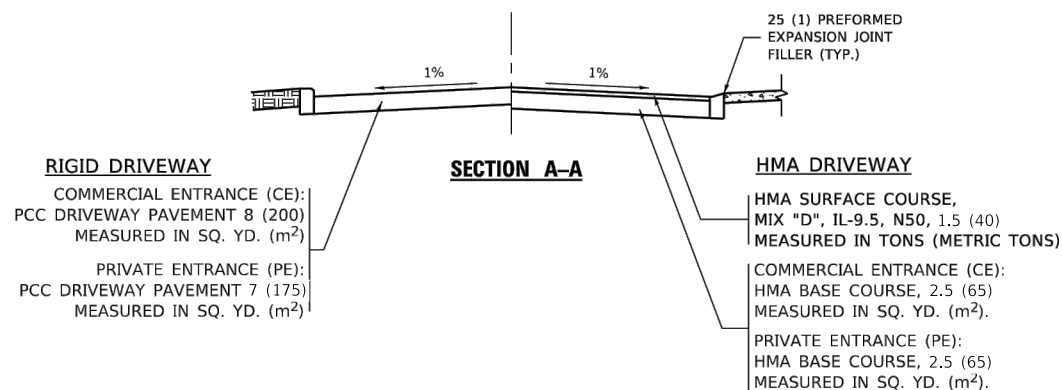
FILE NAME = 25R0447-PVMK-01 - P02	USER NAME =		DESIGNED — AL	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	171ST STREET ROADWAY RESURFACING PAVEMENT MARKING AND SIGNAGE					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			CHECKED — WPD	REVISED —							1615 & 2854	25-00097-00-RS	COOK	20	12
	PLOT SCALE =		DRAWN — BG	REVISED —		CONTRACT NO. 61M18									
	PLOT DATE = 12-18-25		CHECKED — AG	REVISED —		SCALE: 1" = 50'	SHEET NO. 12 OF 20 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	UIWQ(331)		



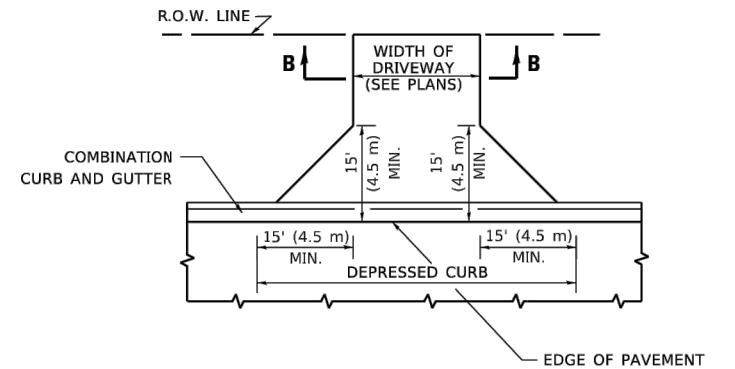
WITH CONCRETE CURB, TYPE B



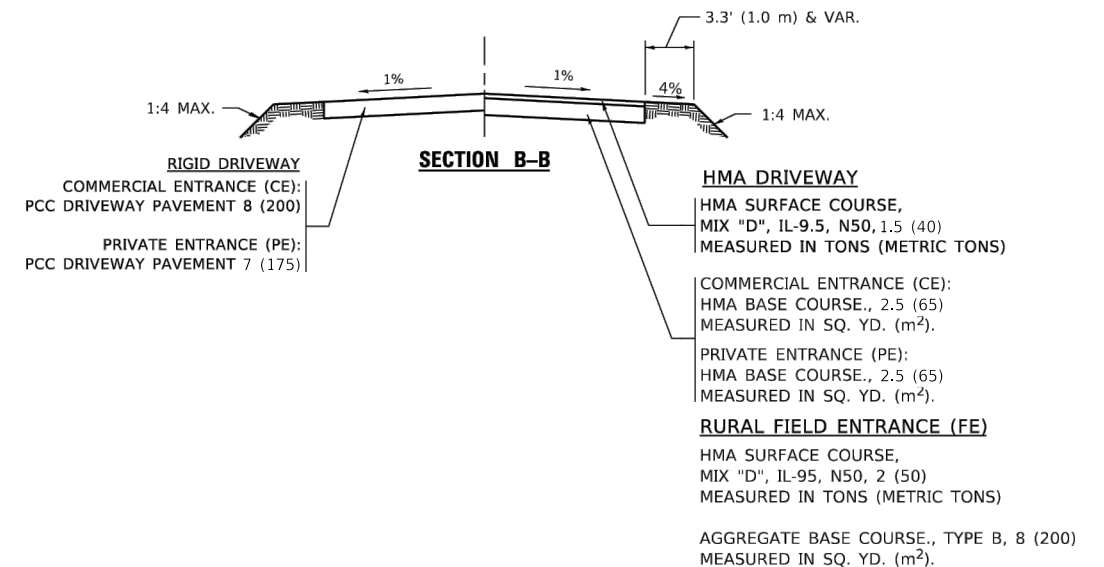
WITH CONCRETE CURB, TYPE B



ADJACENT TO PCC /HMA SHOULDER



ADJACENT TO CURB AND GUTTER

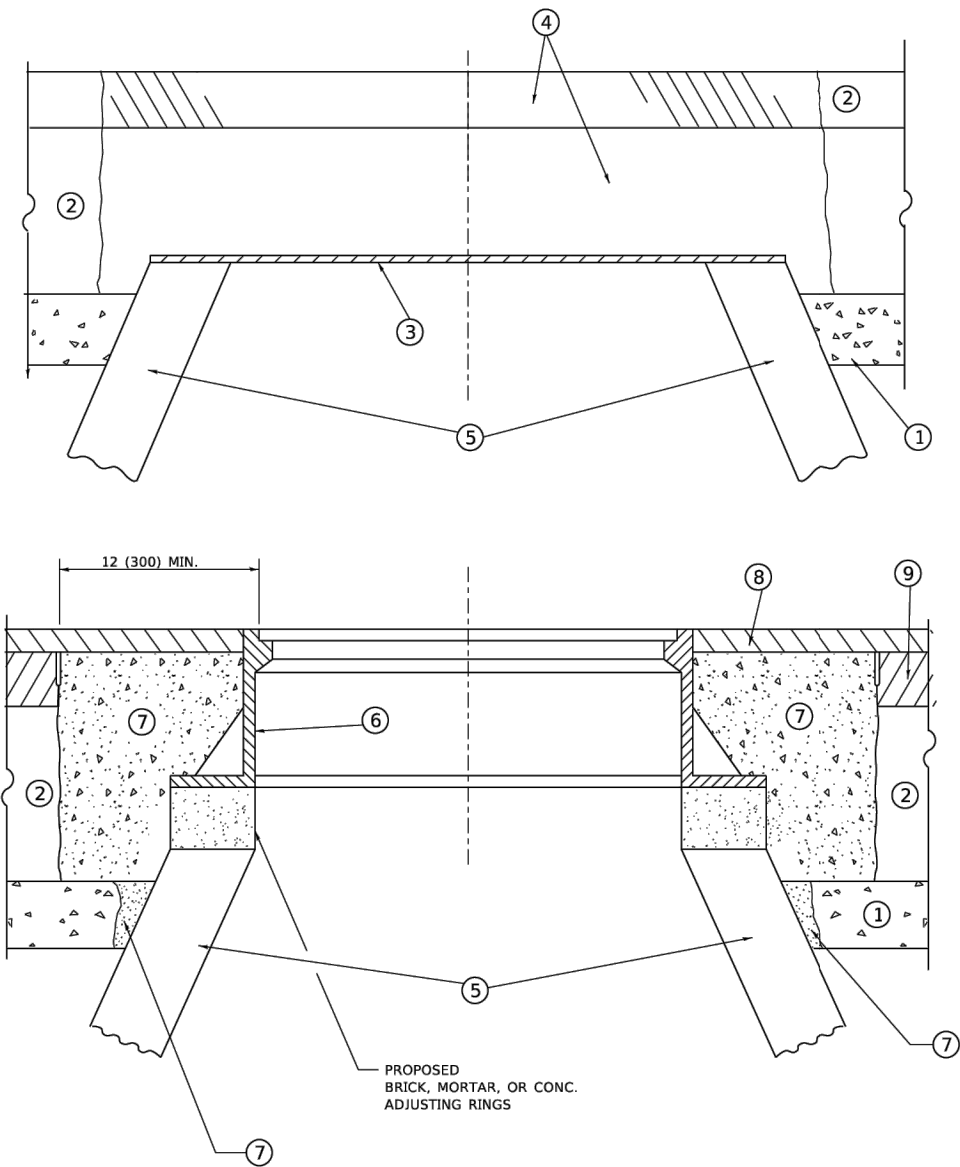


GENERAL NOTES

- 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.

FILE NAME = 25R0447-DTLS-01 - BD01-REV	USER NAME =	DESIGNED —	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	171ST STREET ROADWAY RESURFACING CONSTRUCTION DETAILS - BD-01 (MODIFIED)				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED —	REVISED —						1615 & 2854	25-00097-00-RS	COOK	20	13
	PLOT SCALE =	DRAWN —	REVISED —		CONTRACT NO. 61M18								
	PLOT DATE =	CHECKED —	REVISED —		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT UIWQ(331)								
					SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					



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

NOTES

- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

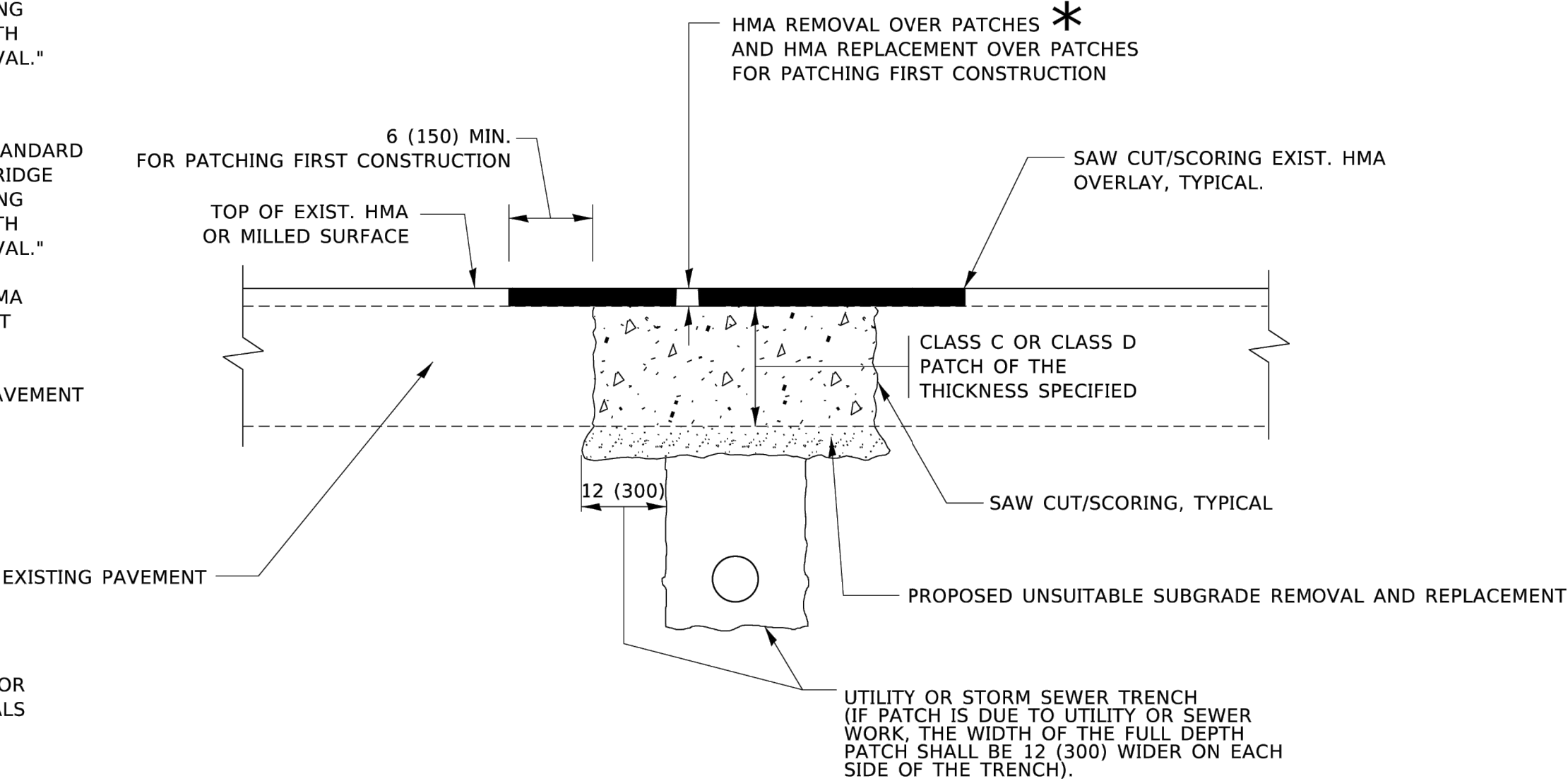
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		DRAWN -	REVISED - R. BORO 12-06-11						1615 & 2854	25-00097-00-RS	COOK	20	14
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22						BD600-03 (BD-08)		CONTRACT NO. 61M18		
	PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT UIWQ(331)				

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)

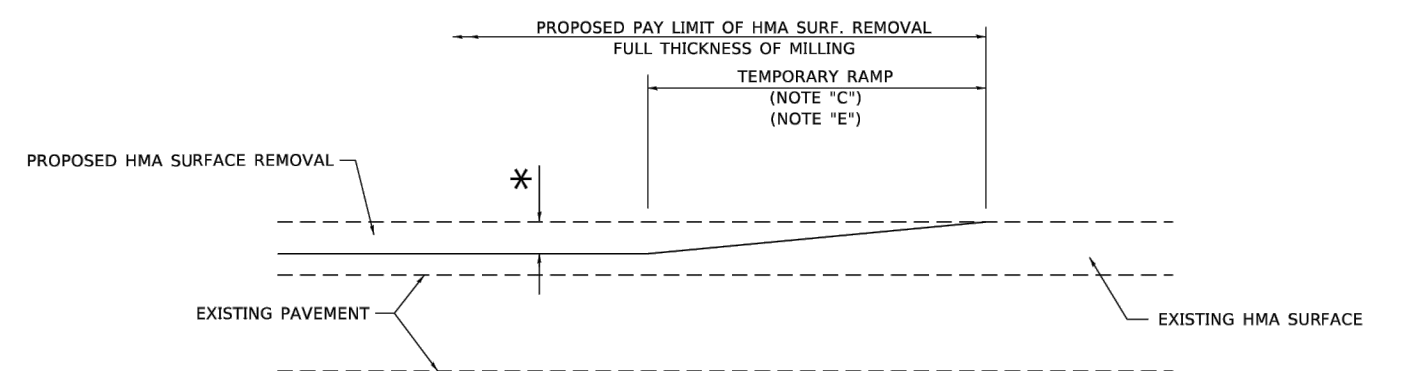
- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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.

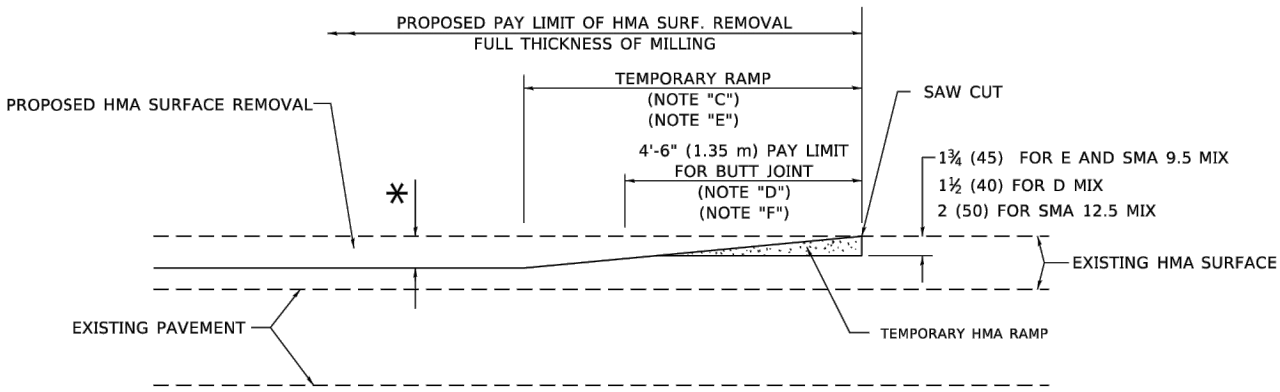
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		DRAWN -	REVISED - R. BORO 09-04-07					1615 & 2854	25-00097-00-RS	COOK	20	15
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08					BD400-04 (BD-22)		CONTRACT NO. 61M18		
	PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	UIWQ(331)	
					SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

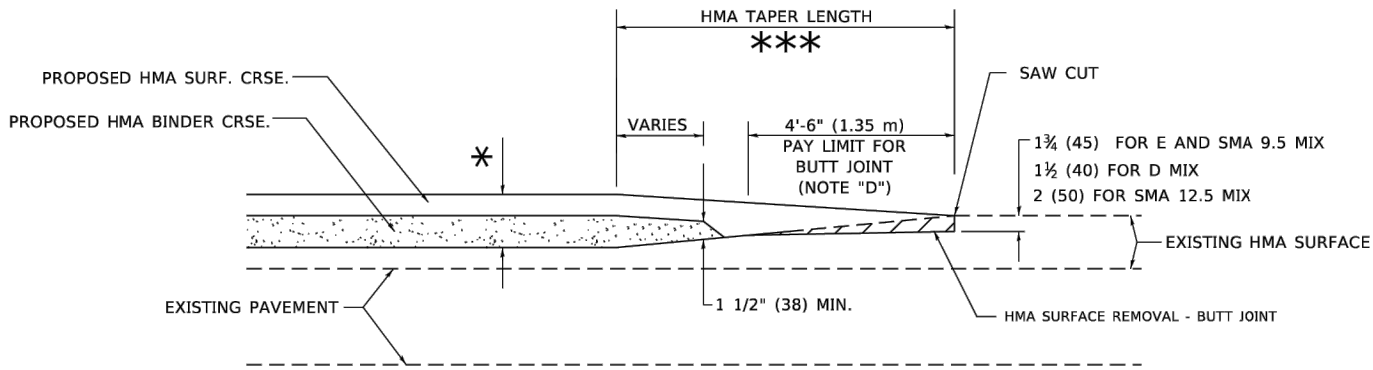


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

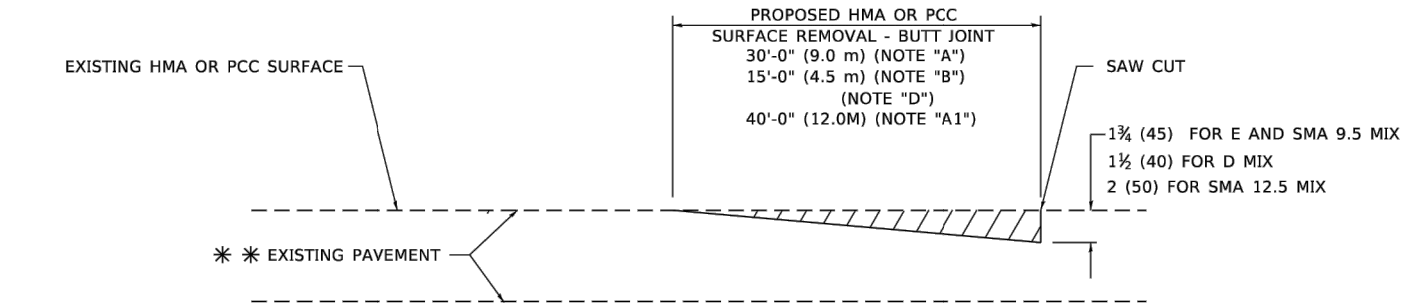
OPTION 2

TYPICAL TEMPORARY RAMP

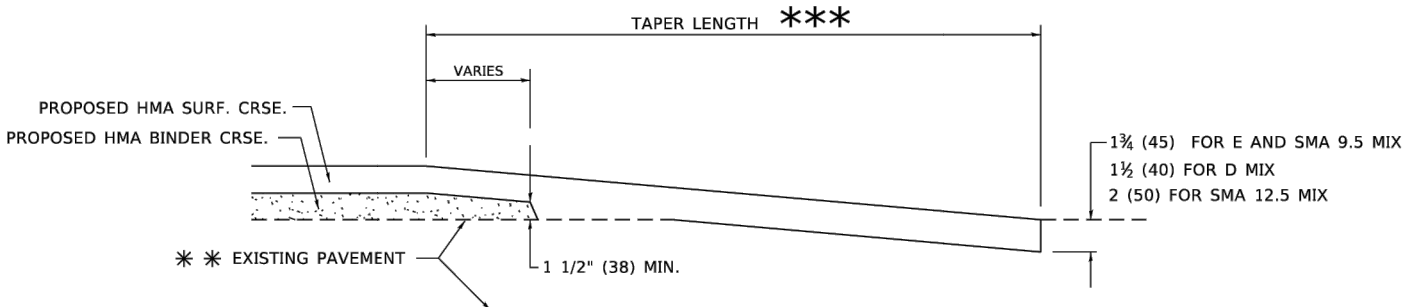


**BUTT JOINT AND
HMA TAPER**

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



BUTT JOINT DETAIL



HMA TAPER DETAIL

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

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

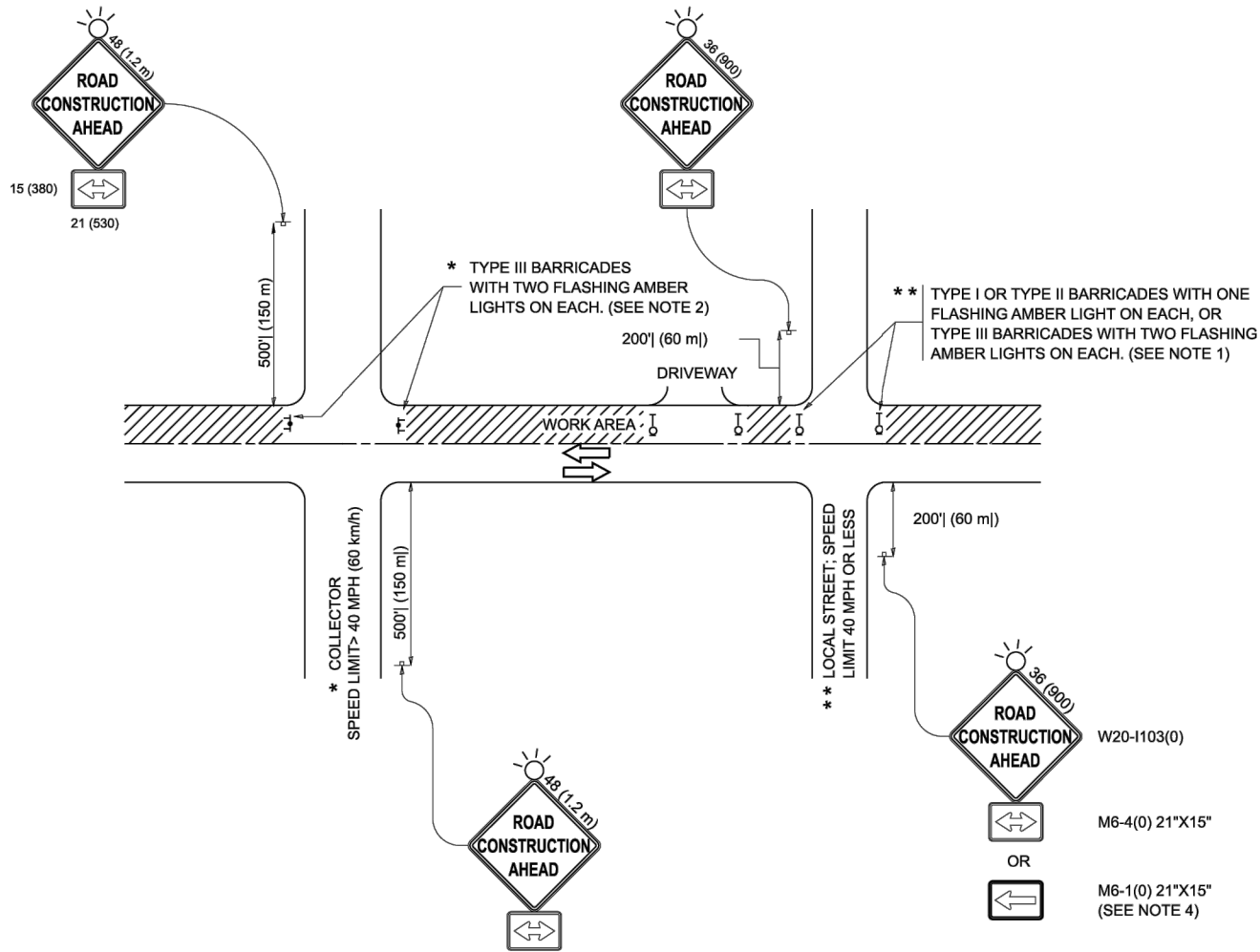
USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1615 & 2854	25-00097-00-RS	COOK	20	16
BD400-05 BD-32		CONTRACT NO. 61M18		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	UIWQ(331)	



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

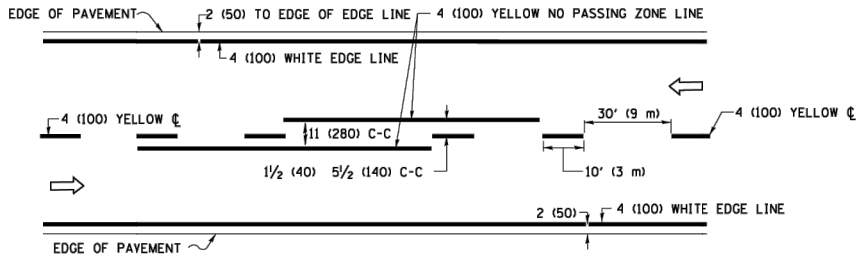
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

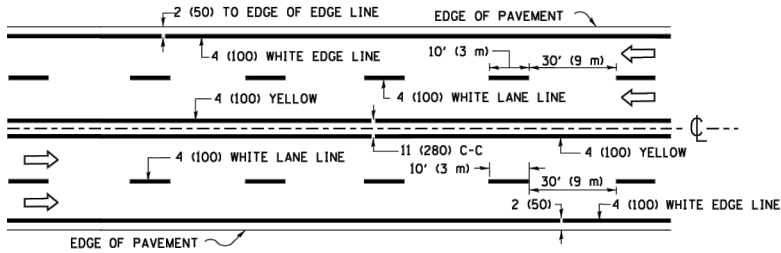
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

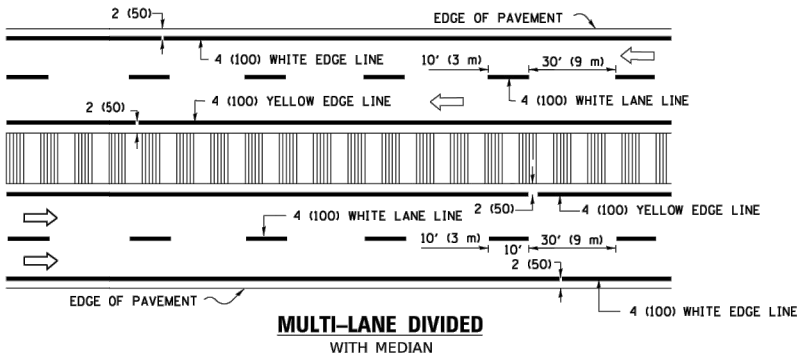
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.
- All dimensions are in inches (millimeters)
unless otherwise shown.
- | | | | | | | | | | | | | | | | | | | |
|--------|------------|------------------------|----------|----------|---------|-------------------------|---|--|---------------------|----------------|--------------------|------------------|--------------|--|------|--|---------|--|
| | USER NAME | = lawrence.demanche | DESIGNED | - L.H.A. | REVISED | - T. RAMMACHER 01-06-00 | STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS | F.A.U.
RTE. | SECTION | COUNTY | TOTAL
SHEETS | SHEET
NO. | | | | | |
| | | | DRAWN | - | REVISED | - A. SCHUETZE 07-01-13 | | | 1615 & 2054 | 25-00097-00-RS | COOK | 20 | 17 | | | | | |
| | PLOT SCALE | = 0.083333317 '' / in. | CHECKED | - | REVISED | - A. SCHUETZE 09-15-06 | | | TC-10 | | CONTRACT NO. 61M18 | | | | | | | |
| | PLOT DATE | = 10/2/2025 | DATE | - 06-89 | REVISED | - D. SENDERAK 05-03-25 | | | FED. ROAD DIST. NO. | 1 | ILLINOIS | FED. AID PROJECT | UIWQ(331) | | | | | |
| SCALE: | | | | | | | | | SHEET | | OF | | SHEETS | | STA. | | TO STA. | |



2-LANE ROADWAY

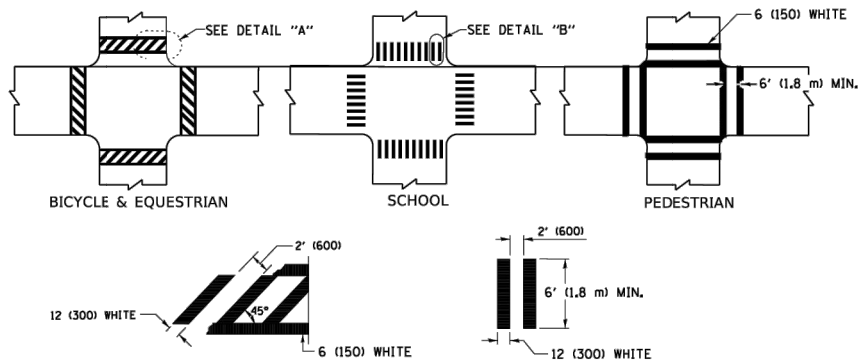


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

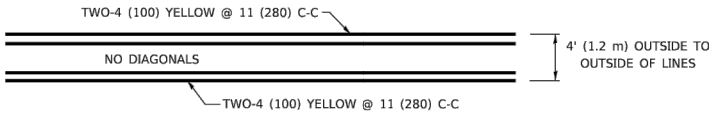


DETAIL "A"

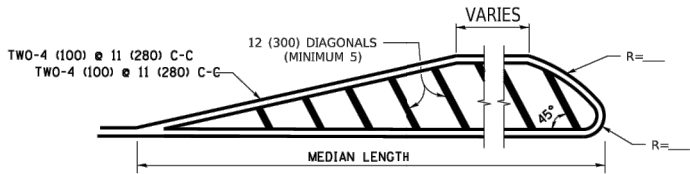
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

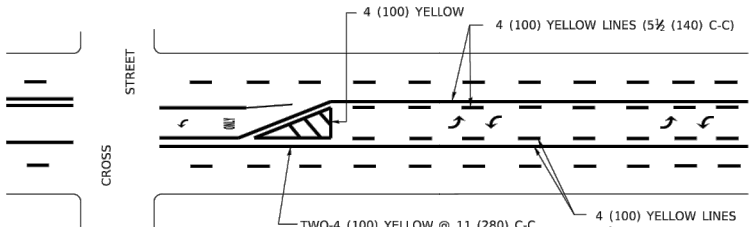


4' (1.2 m) WIDE MEDIANS ONLY

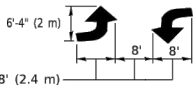


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

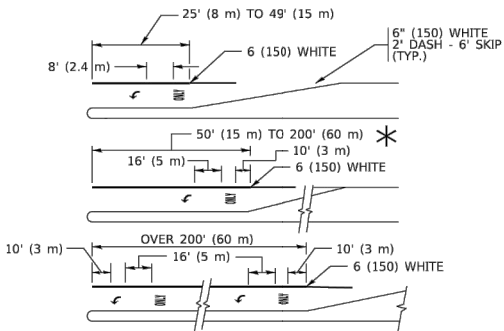


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

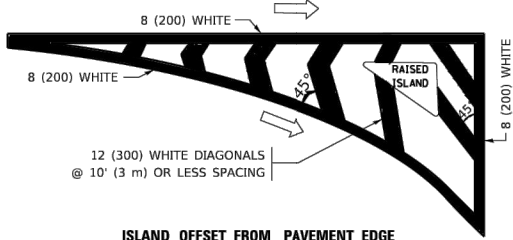
TYPICAL PAINTED MEDIAN MARKING



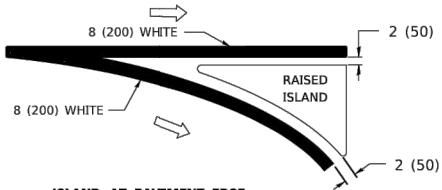
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

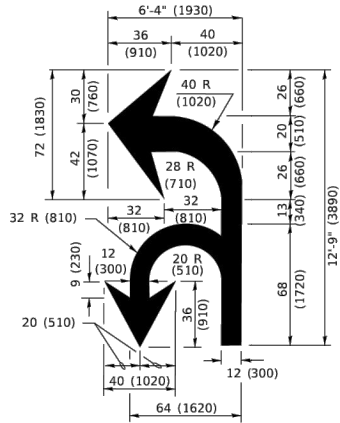


ISLAND OFFSET FROM PAVEMENT EDGE

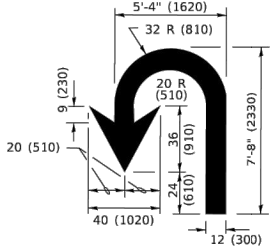


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

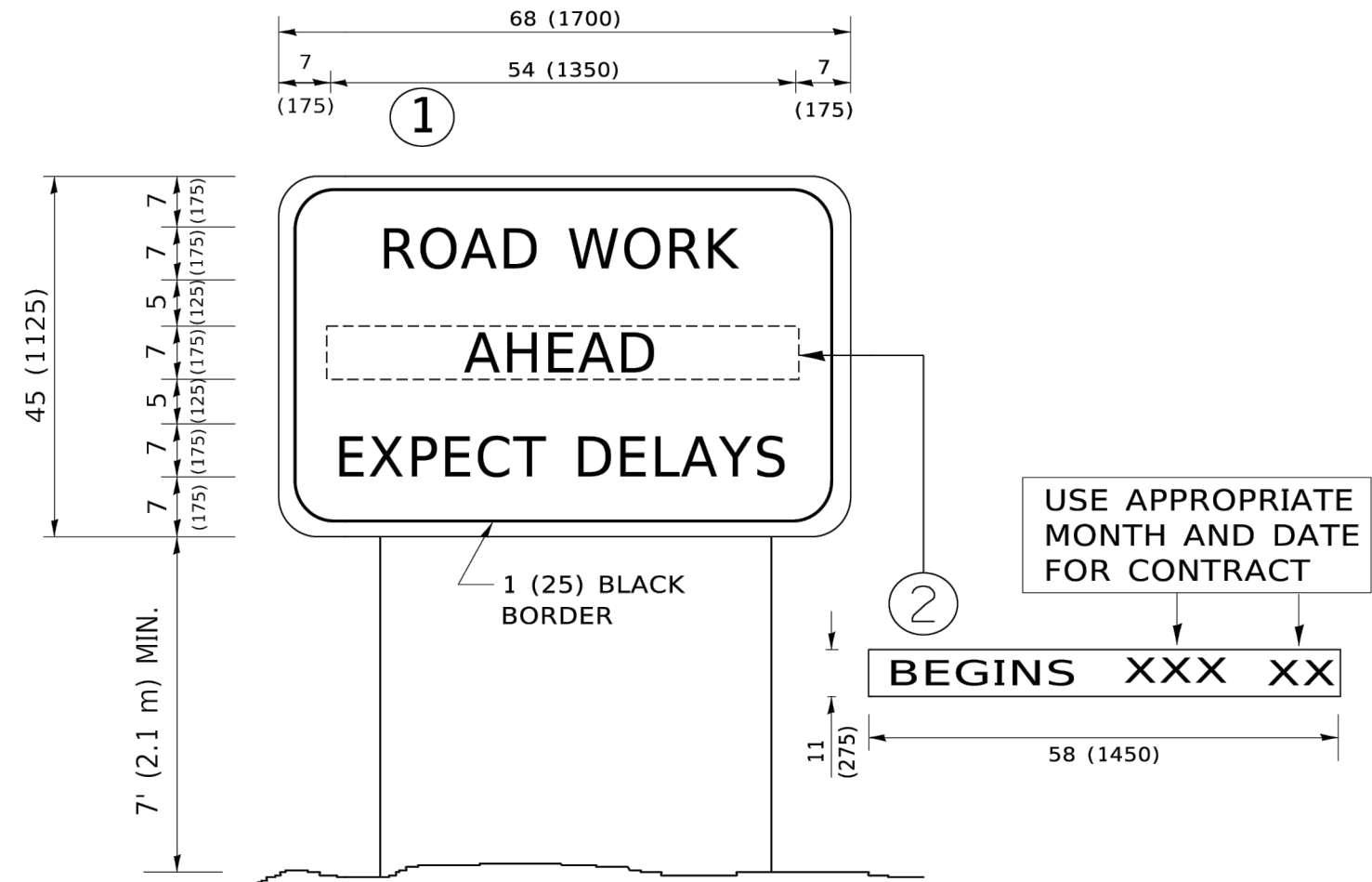
D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

	USER NAME = footernj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS	SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - C. JUCIUS 07-01-13						1615 & 2054	25-00097-00-RS	COOK	20	18
	PLOT SCALE = 50.0000" / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15						TC-13		CONTRACT NO. 61M18		
	PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16						FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	UIWQ(331)	

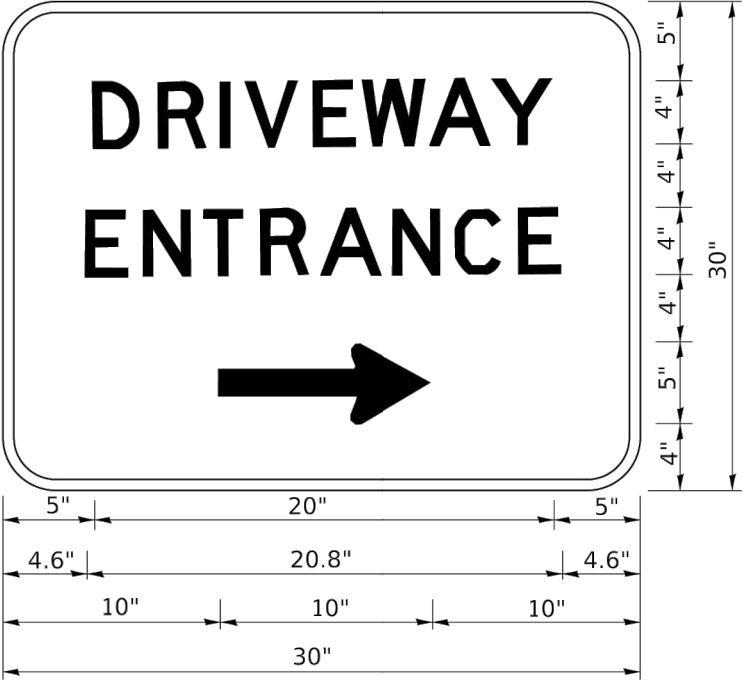


NOTES:

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 SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

	USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. MIRS 12-11-97						1615 & 2854	25-00097-00-RS	COOK	20	19
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99						TC-22		CONTRACT NO. 61M18		
	PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07						FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	UIWQ(331)	
					SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.				



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".