

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1654 21-00031-00-RS	WILL	14	1
STA. 32+45.72 TO STA. 61+38.25			
FED. PROJ. NO. 8EZ3(651)		CONTRACT # 61H75	

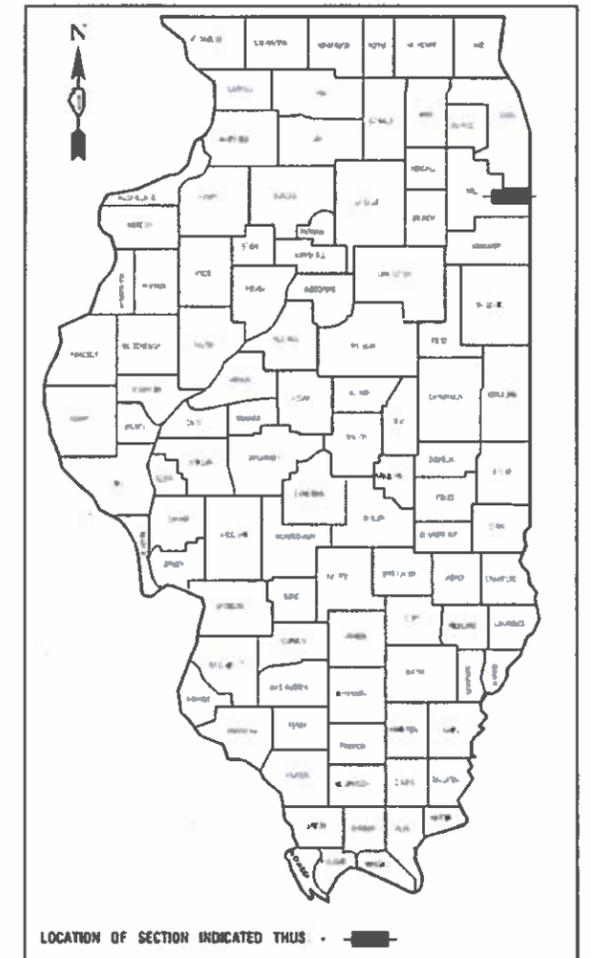
# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

INDEX OF SHEETS  
SEE SHEET NO. 2

HIGHWAY STANDARDS  
SEE SHEET NO. 2

FAU ROUTE 1654 (WEST COURT STREET)  
EASTGATE AVENUE TO WILL CENTER ROAD  
ROADWAY RESURFACING  
SECTION NO.: 21-00031-00-RS  
FEDERAL PROJECT NO.: 8EZ3(651)  
VILLAGE of MONEE  
WILL COUNTY  
JOB NO.: C-91-168-22

FAU 1654 (COURT STREET)  
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL  
ADT: 6,000 (2019)  
POSTED SPEED: 25 MPH



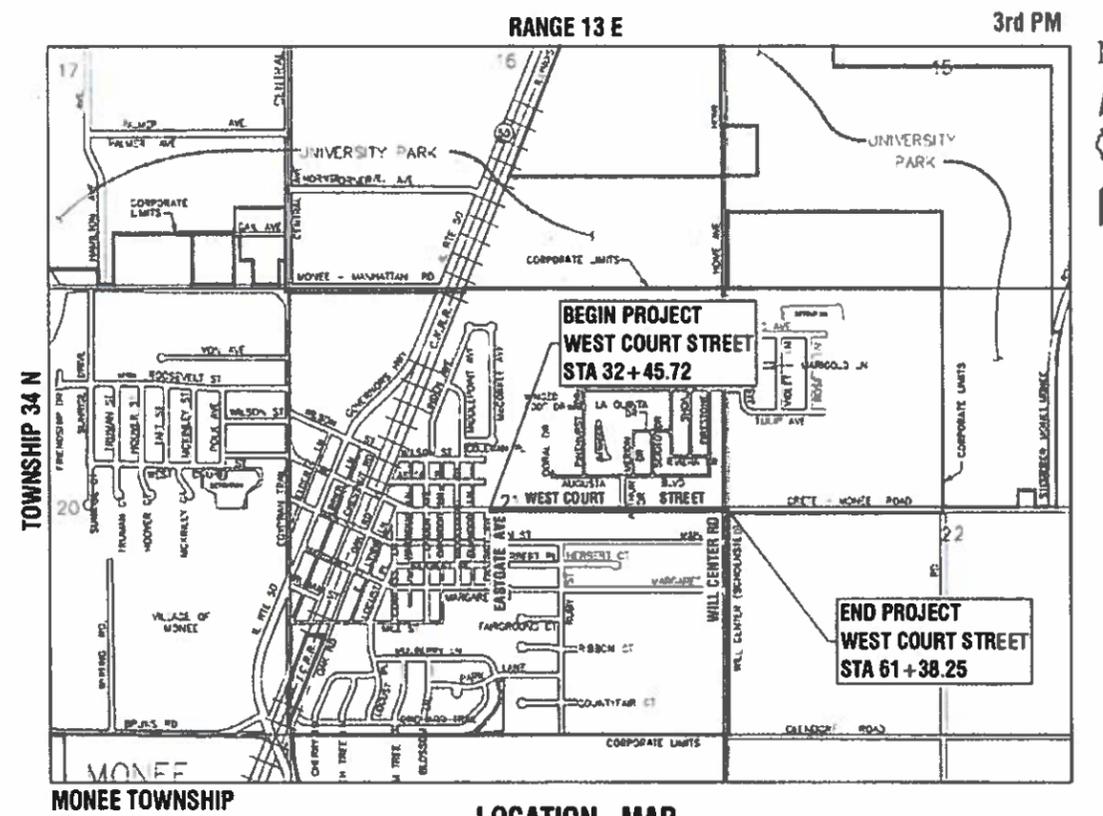
**BENCHMARK**  
SITE BM 6  
SPIKE NAIL SET ON SOUTH FACE OF 22 W/IGHT  
250 FEET EAST OF EASTGATE AVENUE AND COURT STREET  
ELEV=796.72  
  
SITE BM 7  
CROSS SET ON NORTH SIDE OF CONC BASE OF LIGHT POLE  
ON NORTHWEST CORNER OF ARTHUR DRIVE AND COURT STREET  
ELEV=795.39

SCALES  
PLAN - 1"=50'  
PROFILE HORIZ. - N/A  
PROFILE VERT. - N/A  
CROSS SECTIONS - N/A



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



PREPARED BY OR UNDER THE  
DIRECT SUPERVISION OF  
*George E. Aggen*  
02-28-22

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED *Theresa M. Boga*  
MAYOR, VILLAGE OF MONEE

PASSED *April 18, 2022*  
*C. F. Fisher*  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW *April 18, 2022*  
*Jose Rios*  
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN RAMOS, P.E., SCHAMBURG, IL.  
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

CONTRACT NO. 61H75

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL CROSS SECTIONS
- 5 ALIGNMENT AND TIES PLAN
- 6 PROPOSED IMPROVEMENT PLAN
- 7 PAVEMENT MARKING PLAN
- 8-14 IDOT DISTRICT 1 STANDARDS

**HIGHWAY STANDARDS**

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 442201-03 CLASS C AND D PATCHES
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" 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
- 701901-08 TRAFFIC CONTROL DEVICES
- 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 JOINT AND HMA TAPER DETAILS
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-22 ARTERIAL ROAD INFORMATION SIGN

**GENERAL NOTES**

1. ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.
2. THE ROBINSON ENGINEERING, LTD. FIELD OFFICE (708-331-6700), AND THE PUBLIC WORKS DIRECTOR, AT THE VILLAGE OF MONEE, SHALL BE NOTIFIED TWO (2) WORKING DAYS BEFORE CONSTRUCTION BEGINS.
3. 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)
4. 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.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
6. 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.
7. 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.
8. CLASS D PATCHING QUANTITIES FOR THIS CONTRACT SHALL BE PERFORMED AT THE DIRECTION OF THE ENGINEER AFTER PAVEMENT MILLING.
9. 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.
10. 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.
11. ALL EQUIPMENT SHALL BE REMOVED OFF THE VILLAGE STREETS DURING ALL HOLIDAY WEEKENDS AS COORDINATED WITH THE VILLAGE.
12. HMA PAVING SHALL BE PERFORMED WITH HOT JOINTS.

FILE NAME = 22R0573-NOTE-02 - P01	USER NAME =	DESIGNED -- GA	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WEST COURT STREET ROADWAY RESURFACING INDEX OF SHEETS, STANDARDS & GENERAL NOTES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -- WD	REVISED --		1654	21-00031-00-RS	WILL	14	2			
	PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --		CONTRACT NO. 61H75							
	PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --		SCALE: NONE	SHEET NO. 2 OF 14 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT 8E23(651)			

SUMMARY OF QUANTITIES					FED 80% VILLAGE 20%	FED 80% VILLAGE 20%	
S.P.	S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	SAFETY
						CONSTRUCTION 0005	TYPE CODE 0021
		25200200	SUPPLEMENTAL WATERING	UNIT	1	1	
		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	50		50
		35800100	PREPARATION OF BASE	SQ YD	80	80	
		35800200	AGGREGATE BASE REPAIR	TON	27	27	
△		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	5	5	
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	7000	7000	
		40600370	LONGITUDINAL JOINT SEALANT	FOOT	2895	2895	
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	165	165	
		40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	430	430	
		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	945	945	
△		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	430	430	
		44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	9675	9675	
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	125	125	
△		44000600	SIDEWALK REMOVAL	SQ FT	325		325
		44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	5	5	
		44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	25	25	
		44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	20	20	
		44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	30	30	
△		48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	145	145	
		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	725		725

SUMMARY OF QUANTITIES					FED 80% VILLAGE 20%	FED 80% VILLAGE 20%	
S.P.	S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	SAFETY
						CONSTRUCTION 0005	TYPE CODE 0021
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	250		250
	*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11600		11600
	*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	135		135
	*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	65		65
	*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	55		55
	*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	146		146
		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	146		146
△		Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	125	125	
△		Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	2	2	
△		Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	1	1	
		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	
△		X2020110	GRADING AND SHAPING SHOULDERS	UNIT	15	15	
△		X2110104	TOPSOIL FURNISH AND PLACE, 4" (SPECIAL)	SQ YD	15	15	
△		X2520650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	15	15	
△		X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	945	945	
△		XX008115	SEEDING, CLASS 1A SPECIAL	SQ YD	850	850	

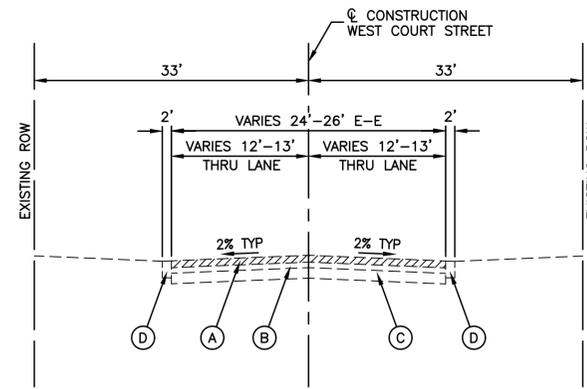
\* - INDICATES SPECIALTY ITEMS  
△ - INDICATES SPECIAL PROVISIONS

FILE NAME = 22R0573-QUAN-02 - P01

USER NAME =	DESIGNED - GA	REVISED -
PLOT SCALE =	CHECKED - WD	REVISED -
PLOT DATE = 03-07-2022	DRAWN - ND/RG/MED	REVISED -
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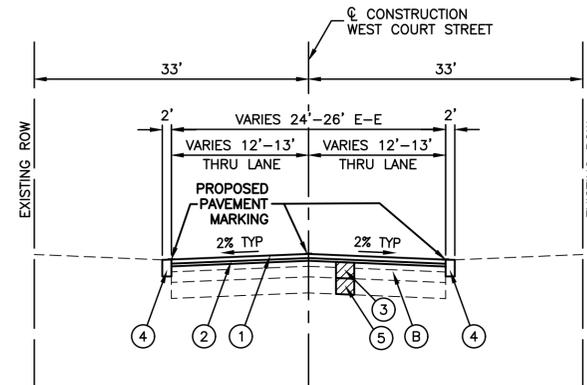
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST COURT STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		1654	21-00031-00-RS	WILL	14	3
SCALE: NONE		SHEET NO. 3 OF 14 SHEETS		STA. TO STA.		FED. ROAD DIST NO. 1 ILLINOIS FED. AID PROJECT BEZ3(651)
		CONTRACT NO. 61H75				



**EXISTING TYPICAL SECTION**

STA. 32+45.72 TO STA. 61+38.25  
(EASTGATE AVENUE TO WILL CENTER ROAD)  
(NTS)



**PROPOSED TYPICAL SECTION**

STA. 32+45.72 TO STA. 61+38.25  
(EASTGATE AVENUE TO WILL CENTER ROAD)  
(NTS)

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (B) EXISTING HOT-MIX ASPHALT PAVEMENT, 10.5" TO 17"
- (C) AGGREGATE SUBGRADE, 3" TO 8"
- (D) AGGREGATE SHOULDER

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (3) CLASS D PATCHES, 10" (AS DIRECTED BY THE ENGINEER)
- (4) AGGREGATE WEDGE SHOULDER, TYPE B
- (5) PREPARATION OF BASE  
AGGREGATE BASE REPAIR (AS DIRECTED BY THE ENGINEER)

NOTE: THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-4.75, N50.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
<b>PAVEMENT RESURFACING</b>		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"	4% @ 50 Gyr.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 0.75"	3.5% @ 50 Gyr.	LR 1030-2
<b>HMA DRIVEWAY PAVEMENT, 4"</b>		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2.5"	4% @ 50 Gyr.	LR 1030-2
<b>DRIVEWAY RESTORATION</b>		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"	4% @ 50 Gyr.	LR 1030-2
<b>PATCHING</b>		
CLASS D PATCHES, (HMA BINDER IL-19mm), 10"	4% @ 70 Gyr.	LR 1030-2

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/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 MATERIAL SPECIFICATIONS.

FILE NAME = 22R0573-TYPX-02 - P01

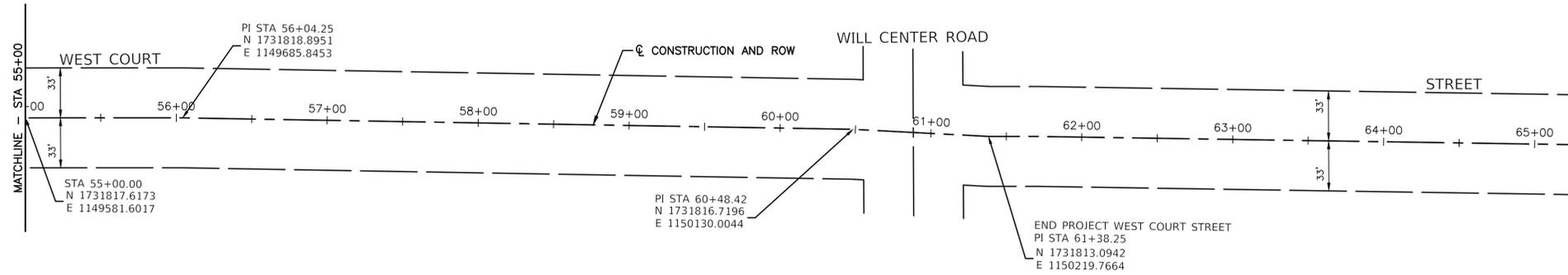
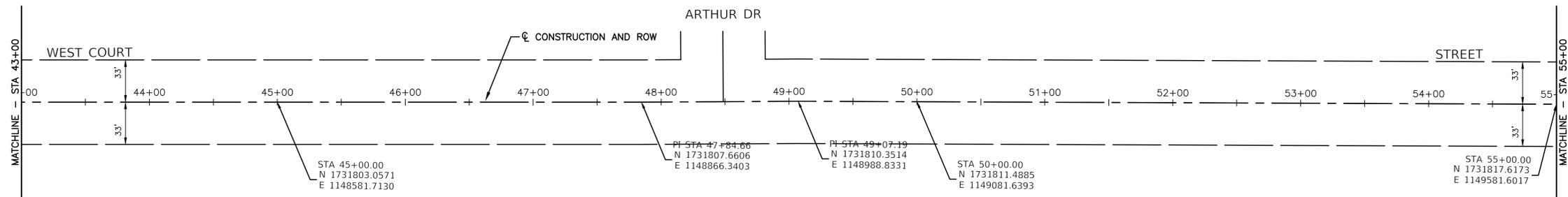
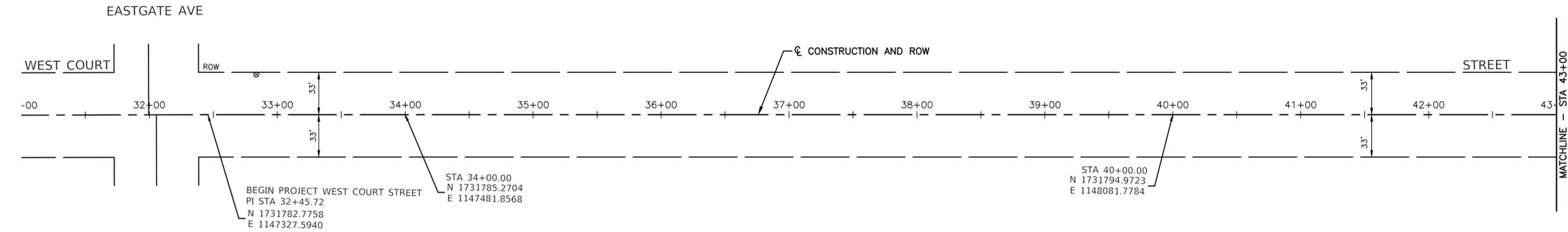
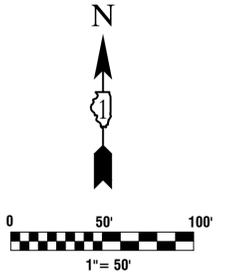
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	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --
PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST COURT STREET  
ROADWAY RESURFACING  
TYPICAL CROSS SECTIONS

SCALE: NONE SHEET NO. 4 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1654	21-00031-00-RS	WILL	14	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8E23(651)			CONTRACT NO. 61H75	



FILE NAME = 22R0573-PLAN-01 - 5 22R0573-PLAN-01 - P01

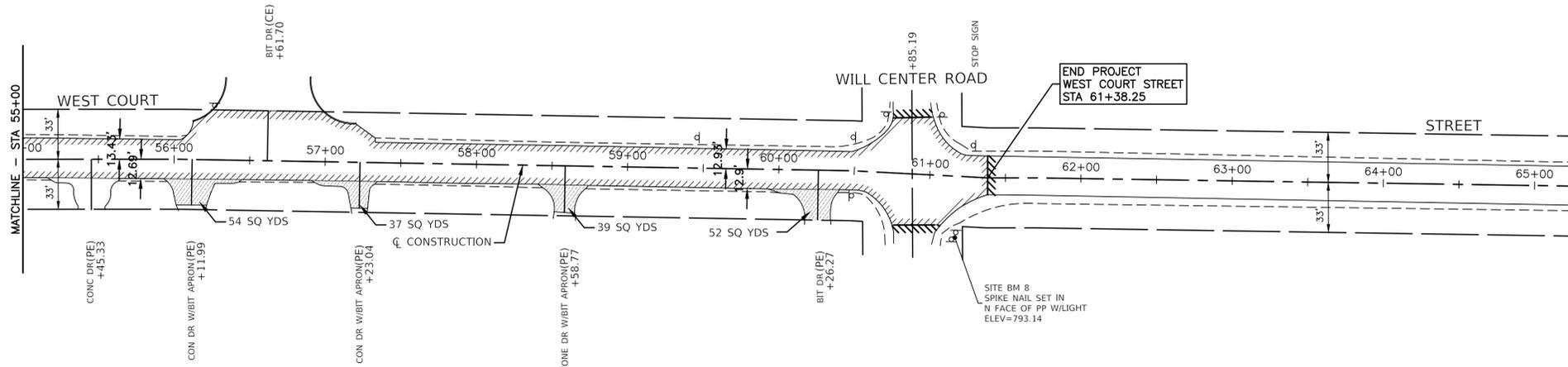
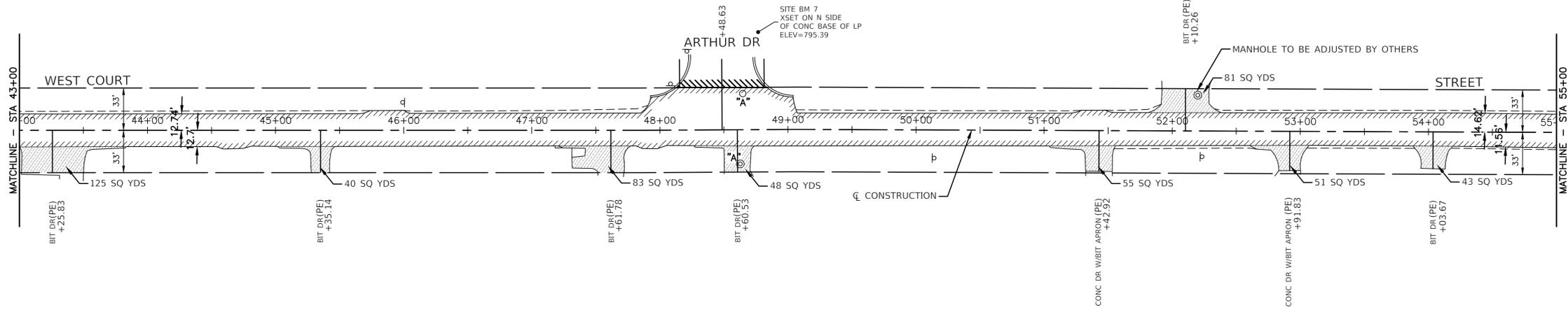
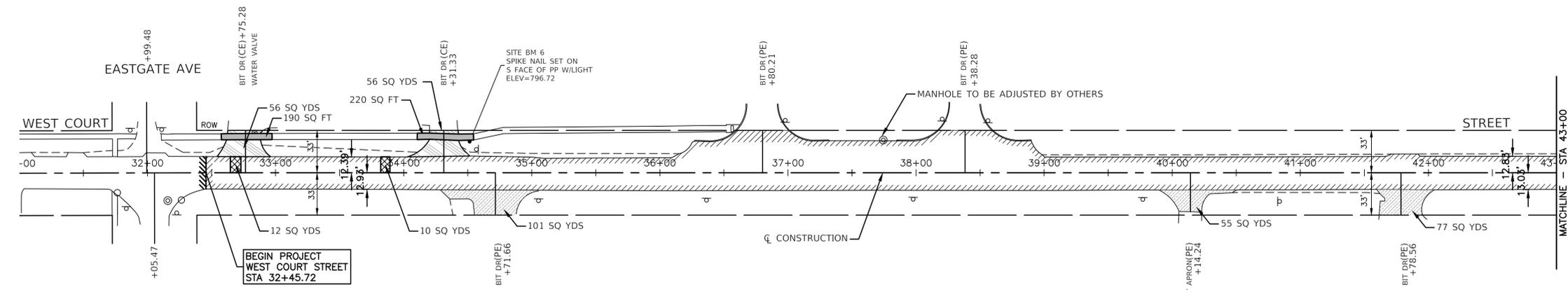
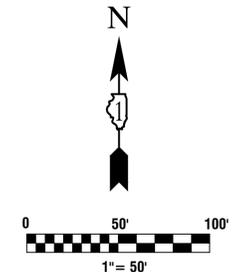
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PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --
PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COURT STREET  
ROADWAY RESURFACING  
ALIGNMENT AND TIES PLAN**

SCALE: 1" = 50'      SHEET NO. 5 OF 14 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1654	21-00031-00-RS	WILL	14	5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8E23(651)			CONTRACT NO. 61H75	



**LEGEND**

- SIDEWALK REMOVAL - REPLACE WITH PCC SIDEWALK 5" (6" THICK AT DRIVEWAYS) AND AGGREGATE BASE COURSE, TYPE B, 4" (SEE NOTE 1)
- HMA SURFACE REMOVAL, 2 1/4" - REPLACE WITH 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"
- DRIVEWAY PAVEMENT REMOVAL - REPLACE WITH HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL - REPLACE WITH HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"
- CLASS D PATCHES, 10" PREPARATION OF BASE AGGREGATE BASE REPAIR
- "A" DRAINAGE & UTILITY STRUCTURE TO BE ADJUSTED
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

**NOTES**

1. AGGREGATE BASE COURSE, TYPE B, 4" SHALL BE USED IN AREAS OF SIDEWALK REMOVAL AT LOCATIONS WHERE EXISTING SUBGRADE IS UNSUITABLE TO SUPPORT NEW SIDEWALK, AT THE DIRECTION OF THE ENGINEER. THE EXCAVATION OF EXISTING SUBGRADE AT THESE LOCATIONS SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE, TYPE B 4" PAY ITEM.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE PRIOR TO THE SURFACE COURSE PER SECTION 406 OF THE STANDARD SPECIFICATIONS.

FILE NAME = 22R0573-PLAN-02 - 6 22R0573-PLAN-02 - P0

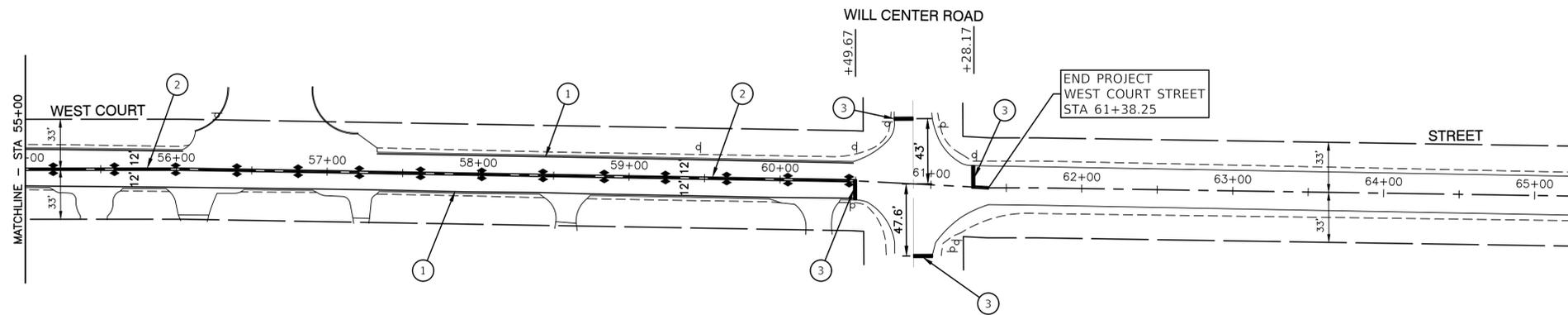
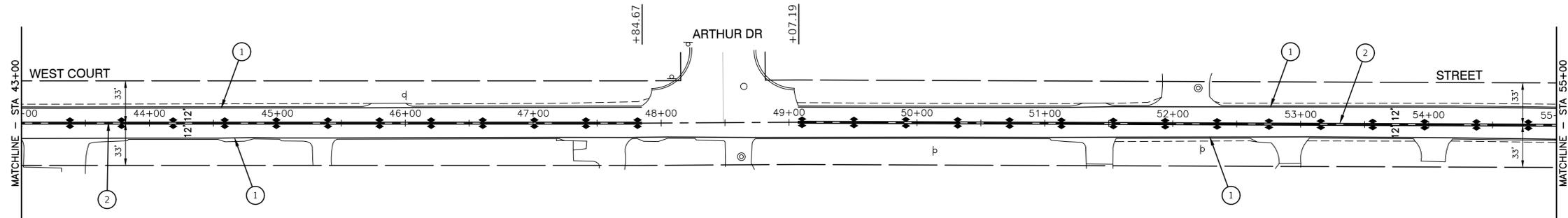
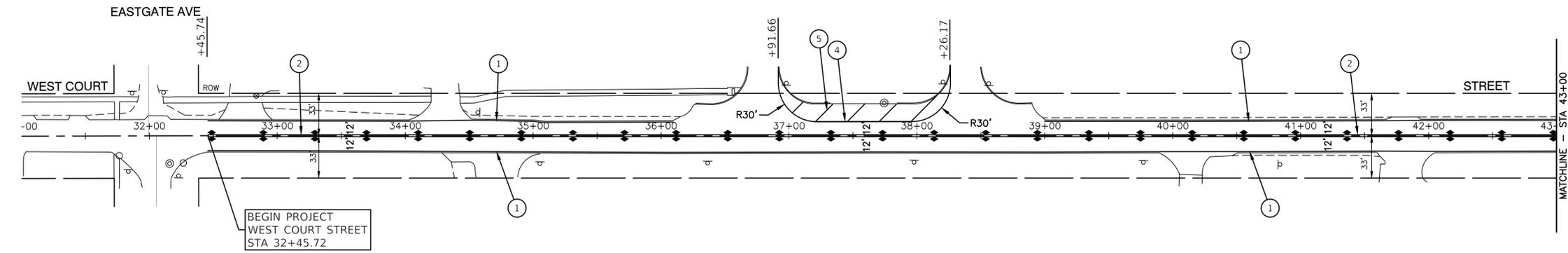
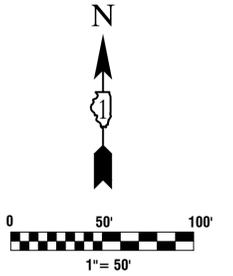
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PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --
PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COURT STREET  
ROADWAY RESURFACING  
PROPOSED IMPROVEMENT PLAN**

SCALE: 1" = 50'      SHEET NO. 6 OF 14 SHEETS      STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1654	21-00031-00-RS	WILL	14	6
CONTRACT NO. 61H75				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT 8E23(651)		



**NOTES:**

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

**PAVEMENT MARKING LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - WHITE LINE, 4" (EDGE LINE)
- ② THERMOPLASTIC PAVEMENT MARKING - YELLOW LINE, 4" DOUBLE LINE (11" C/C)
- ③ THERMOPLASTIC PAVEMENT MARKING - WHITE LINE, 24" (STOP BAR)
- ④ THERMOPLASTIC PAVEMENT MARKING - WHITE LINE, 8" (CHANNELIZING)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - WHITE LINE, 12" (DIAGONAL)

**RAISED REFLECTIVE PAVEMENT MARKER LEGEND**

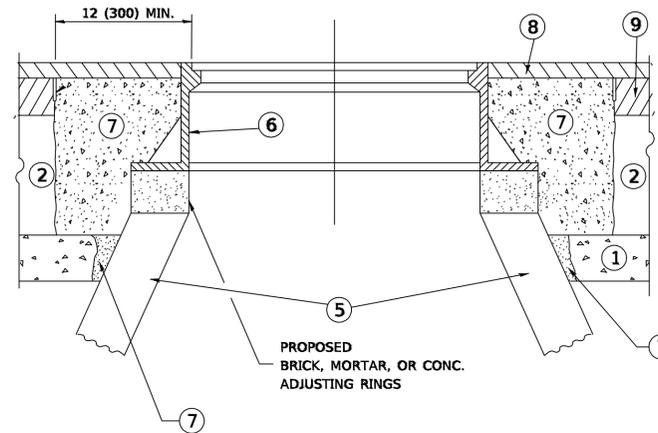
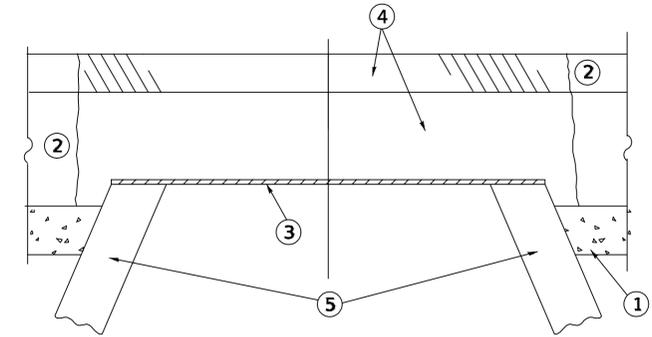
- ◆ TWO-WAY AMBER MARKER  
40' C/C UNLESS OTHERWISE INDICATED

FILE NAME = 22R0573-PMRK-02 - 7 22R0573-PMRK-02 - P1	USER NAME =	DESIGNED -- GA	REVISED --
		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --
	PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST COURT STREET ROADWAY RESURFACING PAVEMENT MARKING PLAN			
SCALE: 1" = 50'	SHEET NO. 7	OF 14 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1654	21-00031-00-RS	WILL	14	7
CONTRACT NO. 61H75				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT 8E23(651)		



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 \* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

**LEGEND**

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

**LOCATION OF STRUCTURES**

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

**BASIS OF PAYMENT**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

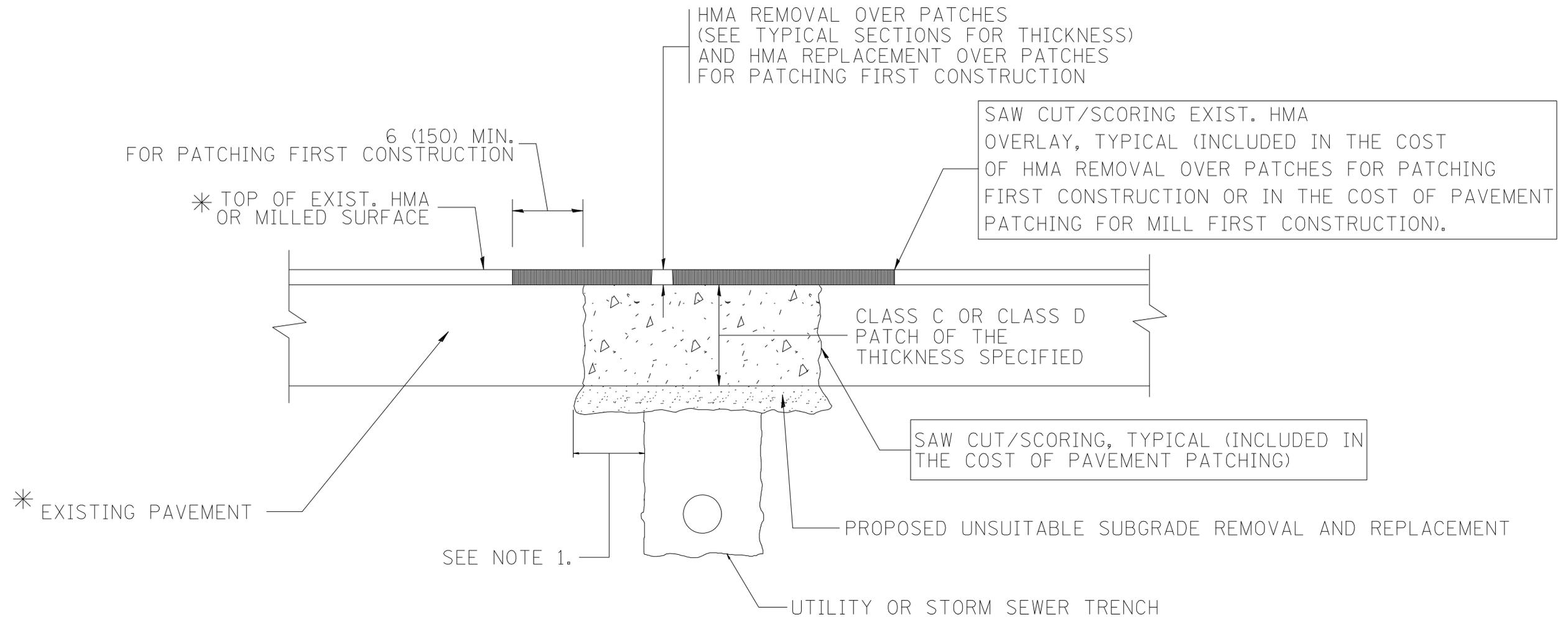
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USER NAME =	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --
PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE SHEET NO. 8 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1654	21-00031-00-RS	WILL	14	8
<b>BD600-03 (BD-8)</b>		CONTRACT NO. 61H75		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT 8E23(651)		



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

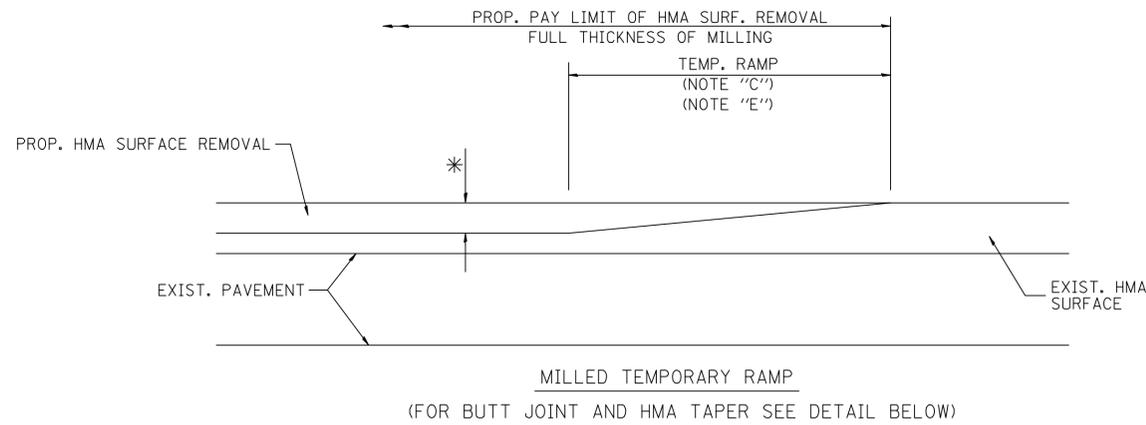
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

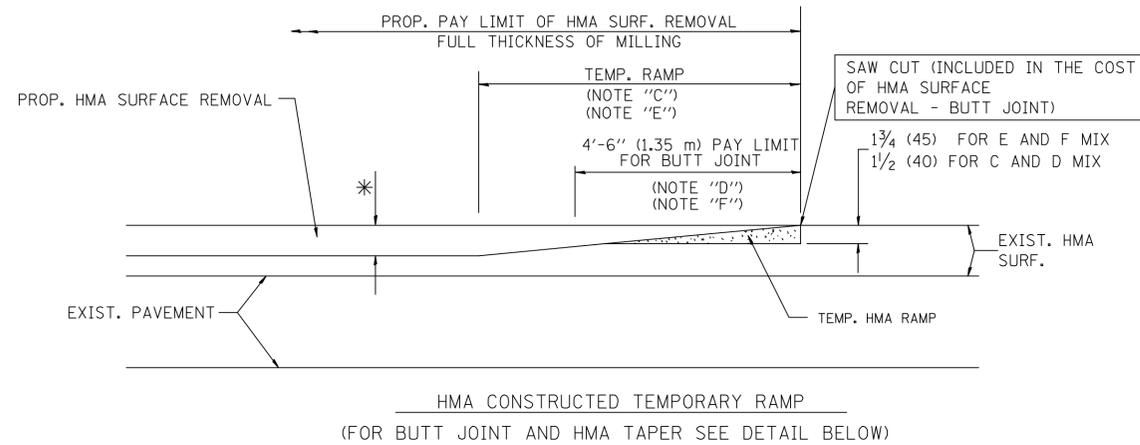
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = 22R0573-DTLS-02 - 9 22R0573-DTLS-02 - IDOT	DESIGNED -- GA	REVISOR --	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
USER NAME =	CHECKED -- WD	REVISED --			1654	21-00031-00-RS	WILL	14	9	
PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --			<b>BD400-04 (BD-22)</b>		CONTRACT NO. 61H75			
PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --			SCALE: 1" = 50' SHEET NO. 9 OF 14 SHEETS STA. TO STA.					
			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8E23(651)							

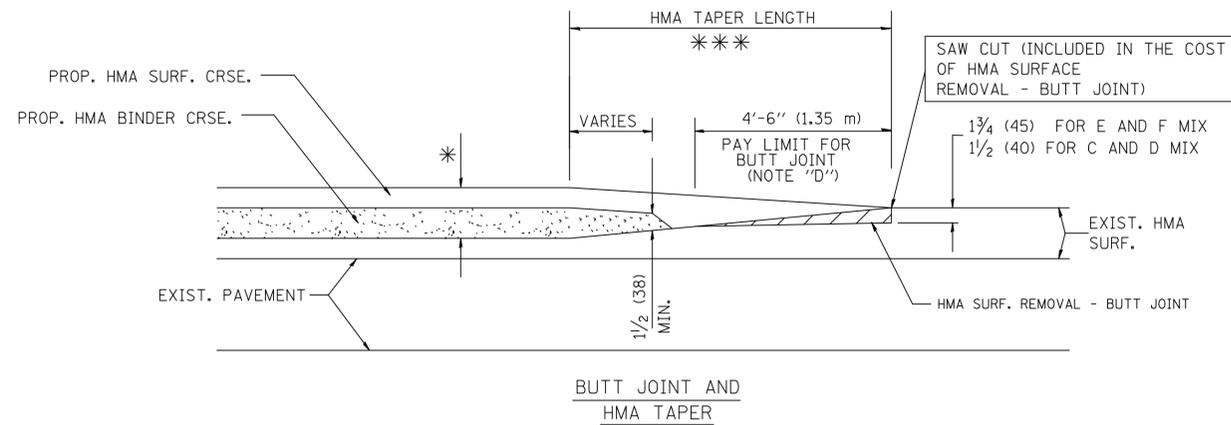


OPTION 1

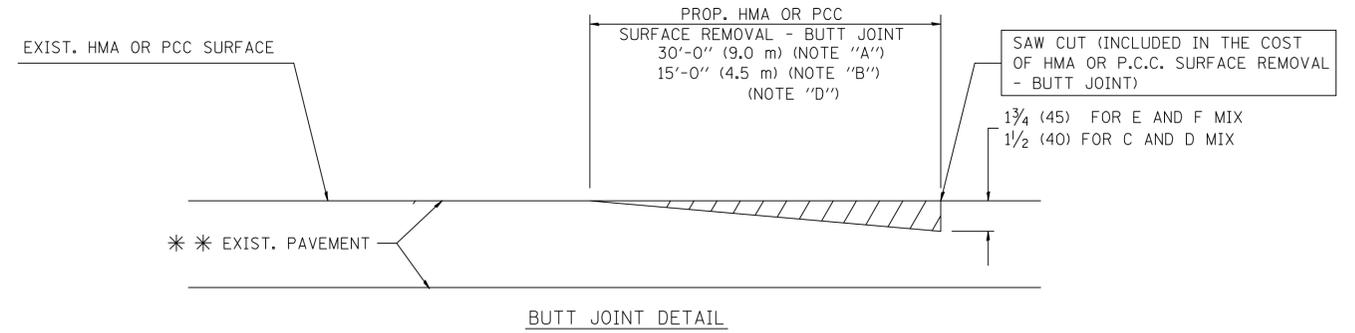


OPTION 2

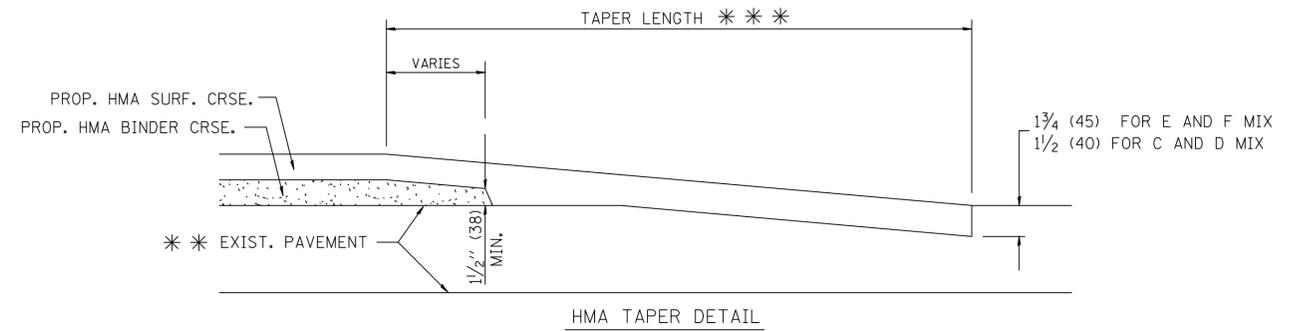
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

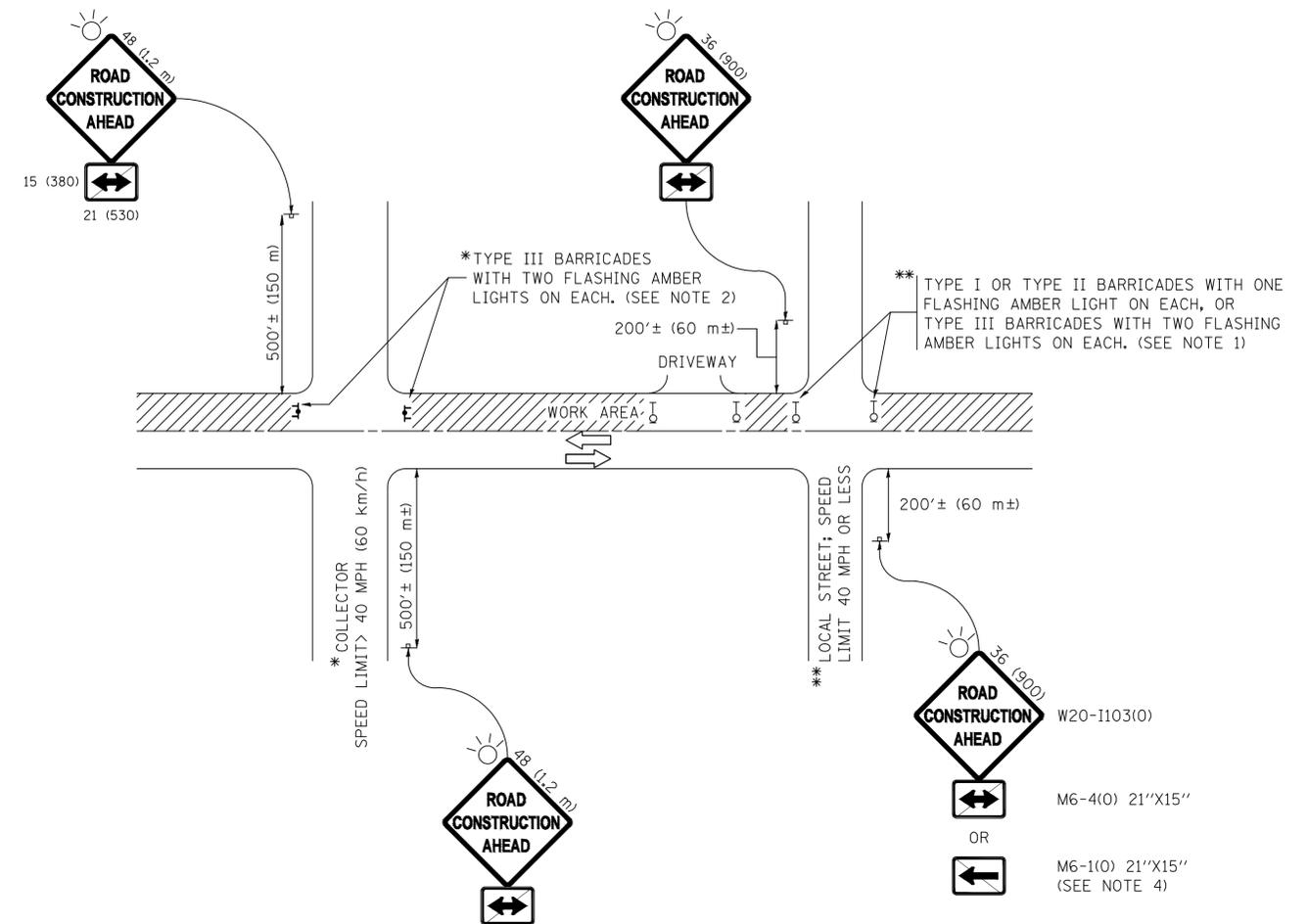
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		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --
	PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
HMA TAPER DETAILS

SCALE: 1" = 50' SHEET NO. 10 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1654	21-00031-00-RS	WILL	14	10
BD400-05 BD32		CONTRACT NO. 61H75		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8E23(651)				

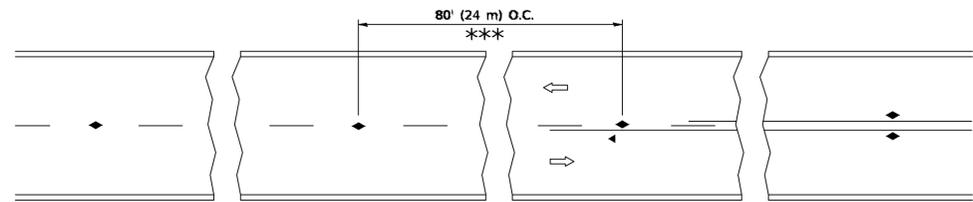


**NOTES:**

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.

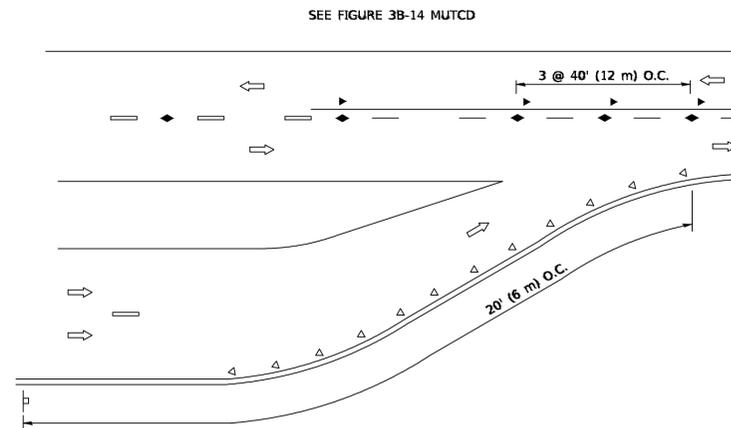
All dimensions are in inches (millimeters) unless otherwise shown.

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		CHECKED -- WD	REVISED --			1654	21-00031-00-RS	WILL	14	11	
	PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --			<b>TC-10</b>		CONTRACT NO. 61H75			
	PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8E23(651)					
					SCALE: 1" = 50'	SHEET NO. 11 OF 14 SHEETS	STA.	TO STA.			

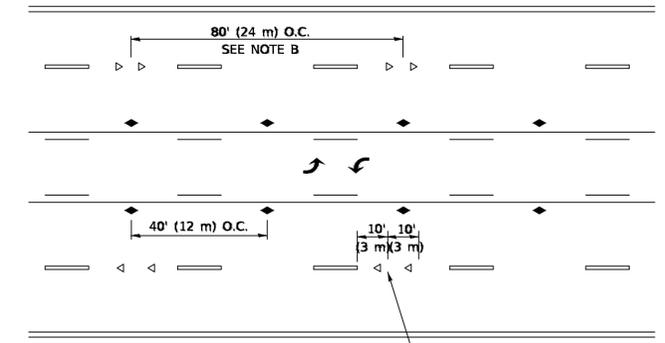


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

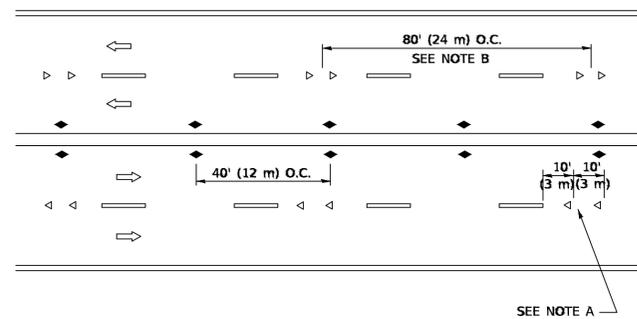
**TWO-LANE/TWO-WAY**



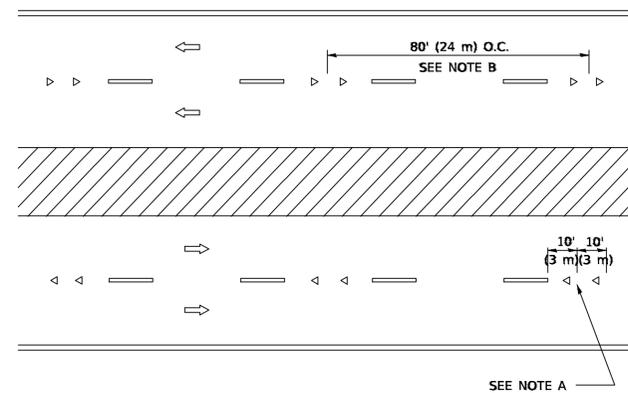
**LANE REDUCTION TRANSITION**



**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**

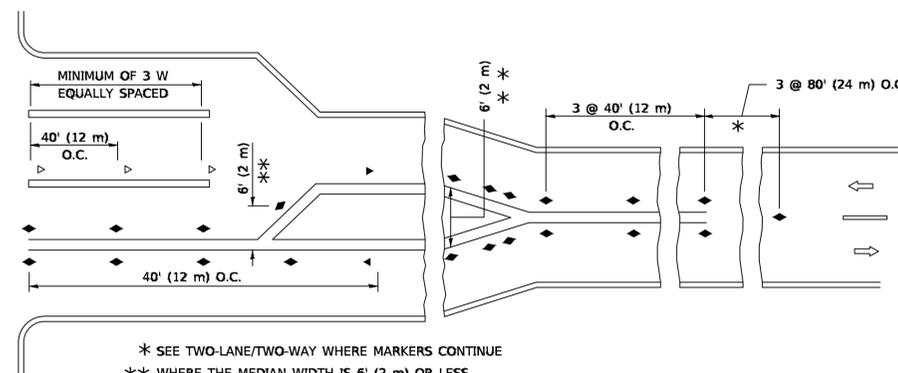
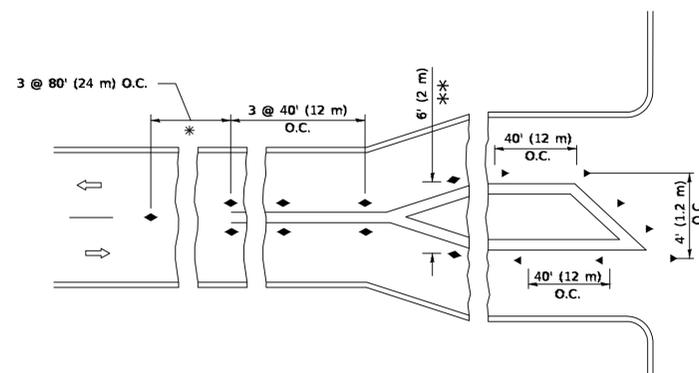
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

**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.

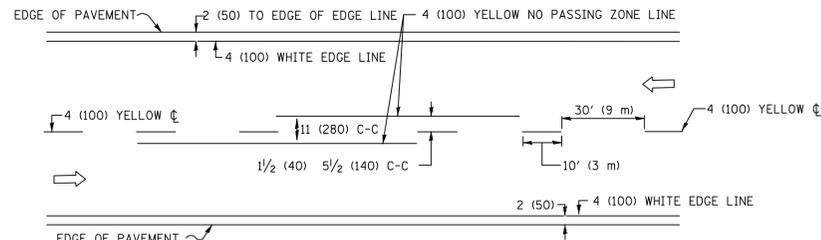


**TURN LANES**

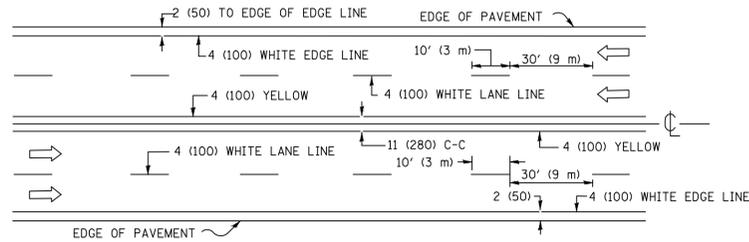
\* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE  
 \*\* WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

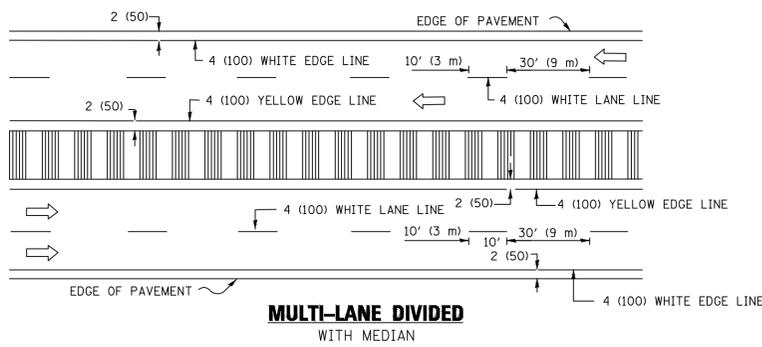
FILE NAME = 22R0573-DTLS-02 - 12 22R0573-DTLS-02 - 10	DESIGNED -- GA	REVISOR --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED -- WD	REVISOR --		SCALE: 1" = 50'	SHEET NO. 12 OF 14 SHEETS	STA.	TO STA.	1654	21-00031-00-RS	WILL
PLOT SCALE =	DRAWN -- ND/RG/MED	REVISOR --				TC-11		CONTRACT NO. 61H75		
PLOT DATE = 03-07-2022	CHECKED -- AG	REVISOR --				FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT 8E23(651)



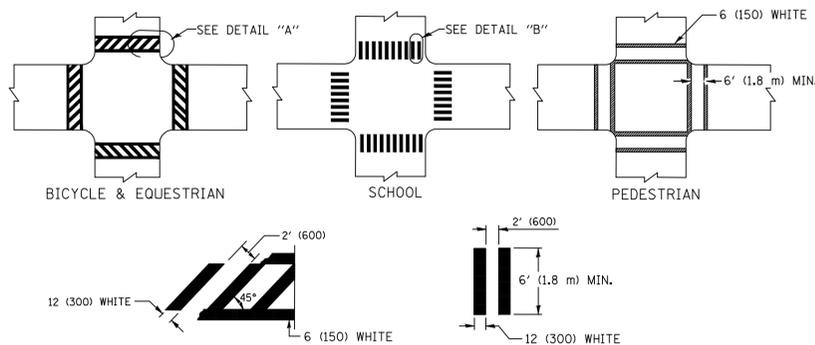
### 2-LANE ROADWAY



### MULTI-LANE UNDIVIDED

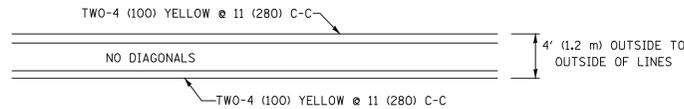


### TYPICAL LANE AND EDGE LINE MARKING

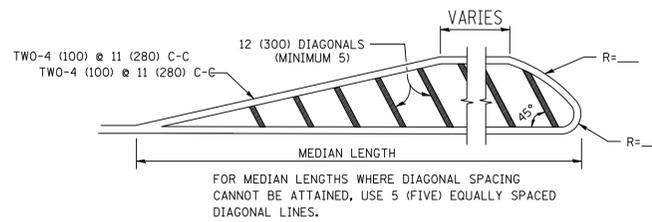


### DETAIL "A" TYPICAL CROSSWALK MARKING

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

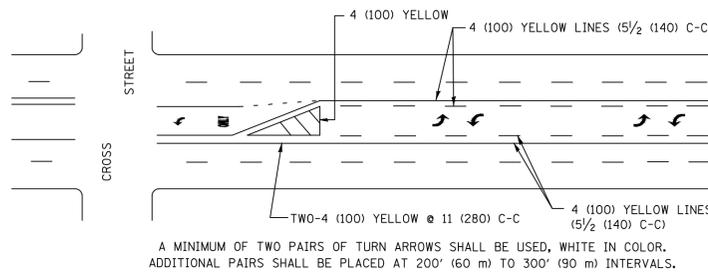


### 4' (1.2 m) WIDE MEDIANS ONLY

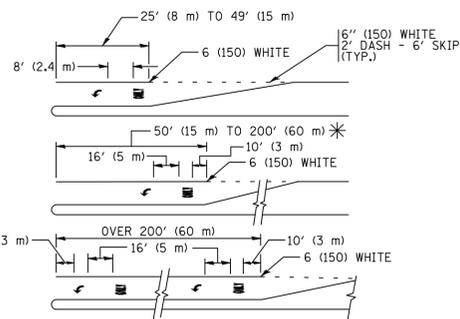
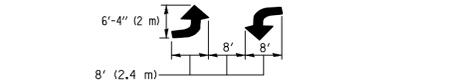


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

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



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

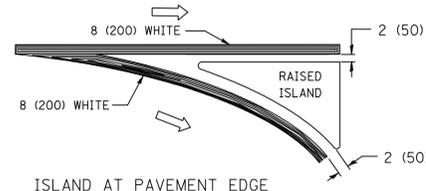
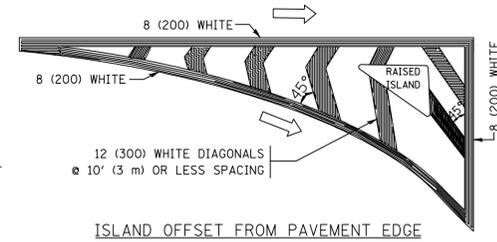


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

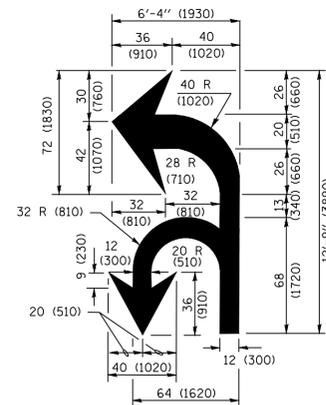
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

### TYPICAL LEFT (OR RIGHT) TURN LANE

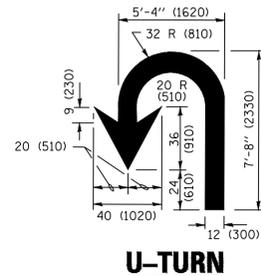
### TYPICAL TURN LANE MARKING



### TYPICAL ISLAND MARKING



### COMBINATION LEFT AND 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	5/2 (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; 5/2 (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 SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8' )	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

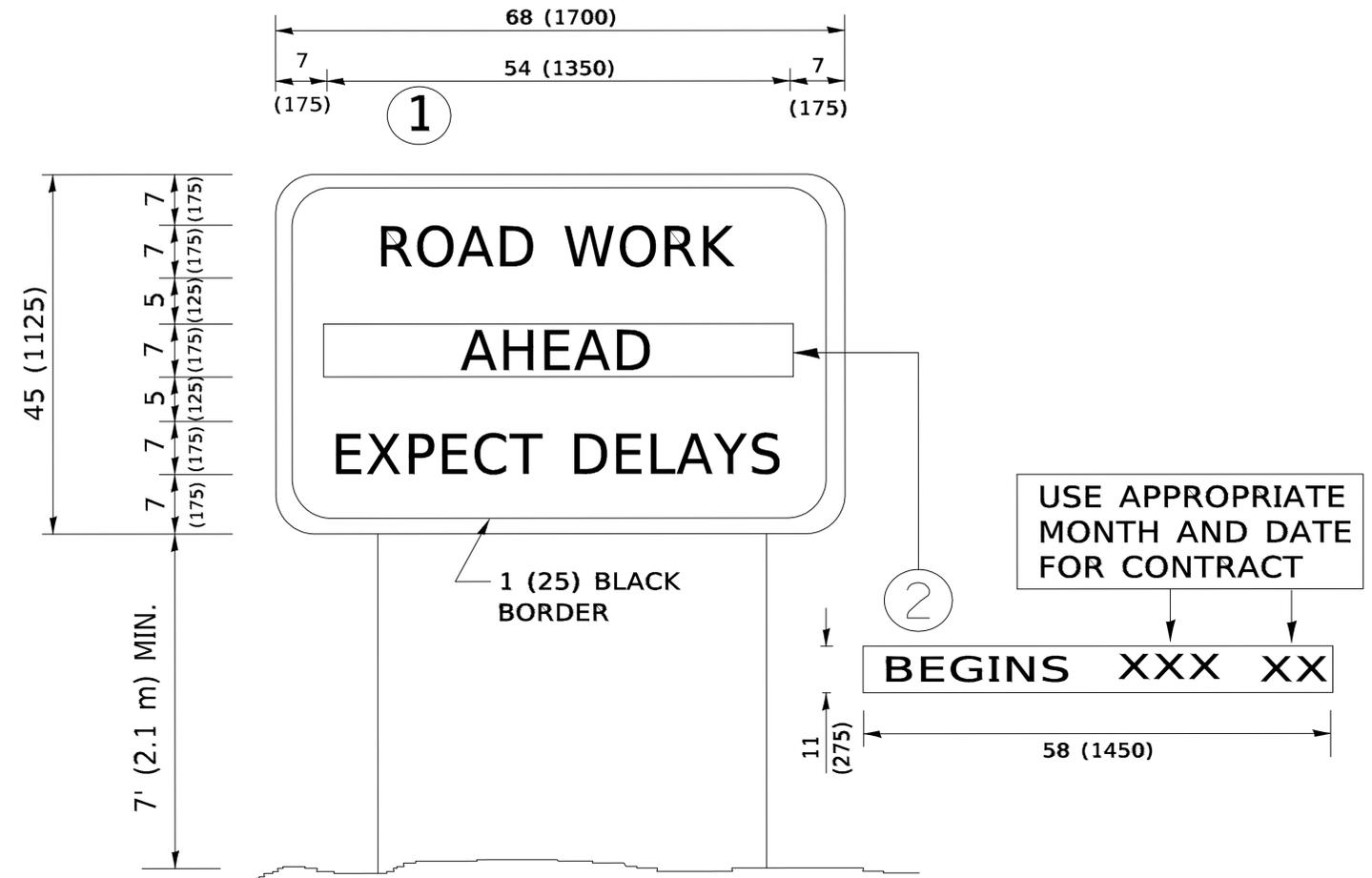
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME = 22R0573-DTLS-02 - 13 22R0573-DTLS-02 - 10	DESIGNED -- GA	REVISED --
USER NAME =	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --
PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		1654	21-00031-00-RS	WILL	14	13
SCALE: 1" = 50'		SHEET NO. 13 OF 14 SHEETS		STA. TO STA.	CONTRACT NO. 61H75	
		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	BE23(651)	



**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.

FILE NAME = 22R0573-DTLS-02 - 14 22R0573-DTLS-02 - ID	USER NAME =	DESIGNED -- GA	REVISED --
		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- ND/RG/MED	REVISED --
	PLOT DATE = 03-07-2022	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>ARTERIAL ROAD INFORMATION SIGN</b>			
SCALE: 1" = 50'	SHEET NO. 14 OF 14 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1654	21-00031-00-RS	WILL	14	14
<b>TC-22</b>		CONTRACT NO. 61H75		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT 8E23(651)		