11-06-2026 LETTING ITEM 010

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	86(VB-1-R,B-R-1,B)RCS,BD	WILL	11	1
	ILLINOIS	CONTRACT NO. 80C58		

CHANNAHON

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAI ROUTE 55 (I-55)
SECTION: 86(VB-1-R,B-R-1,B)RCS,BD 25
LIMIT: I-55 NB OVER I & M CANAL AND CSXT RR
BRIDGE APPROACH ROADWAY
WILL COUNTY

C-91-140-26

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS IMPROVEMENT IS IN THE VILLAGE OF CHANNAHON

LOCATION #1:
I-55 OVER I & M CANAL
SN: 099-0289.

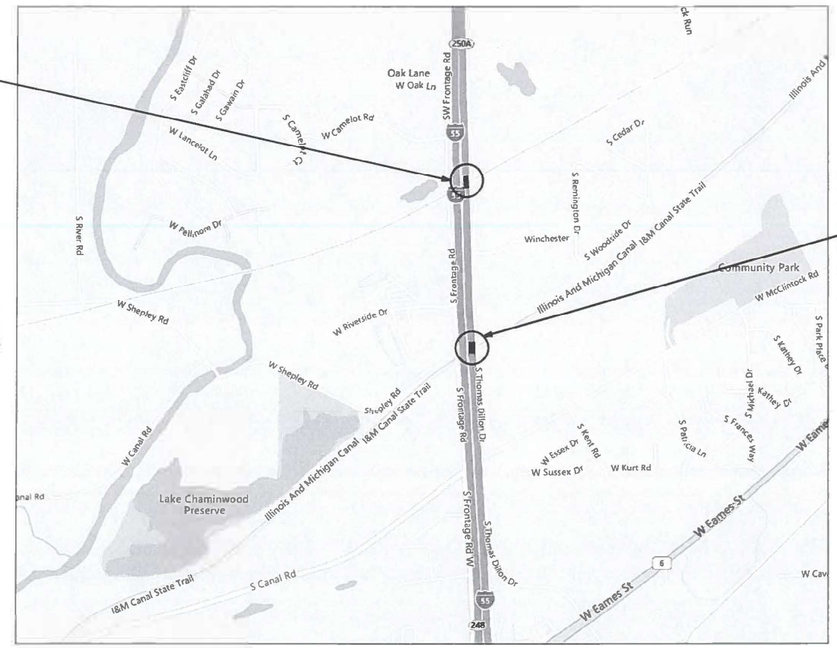
LOCATION #2:
I-55 OVER CSXT RR
SN: 099-0313.

2025 ADT
I-55 OVER I & M CANAL = 71,700
I-55 OVER CSXT RR = 71,700

POSTED SPEED LIMITS
I-55 OVER I & M CANAL = 65 MPH
I-55 OVER CSXT RR = 65 MPH

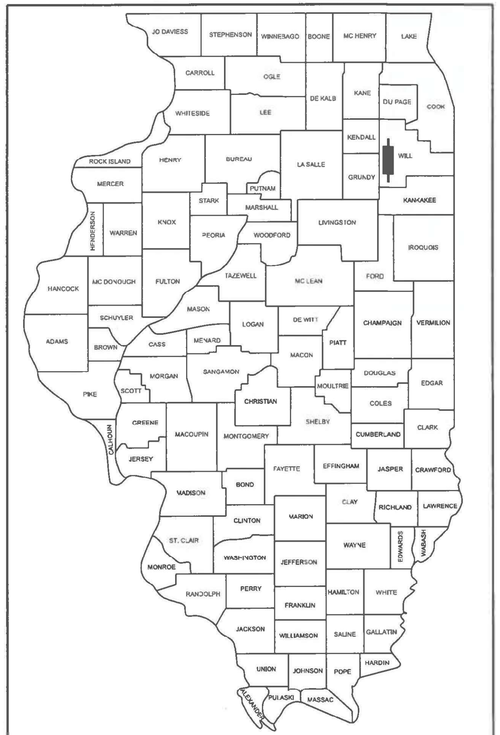
R 9 E

T 35 N



TORY CITY TOWNSHIP

D-91-121-26



LOCATION OF SECTION INDICATED THUS: -

100'	200'	300'	— 1"= 100'			
0 10'	20'	30'	— 1"= 10'			
0 50'	100'					
			— 1"= 50'			
0 50'	100'					
			— 1"= 40'			
0 50'	100'					
			— 1"= 30'			
0 50'		100'				
			— 1"= 20'			

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 20, 2026
Jose Rios
REGIONAL ENGINEER

October 2, 2026
ENGINEER OF DESIGN AND ENVIRONMENT

October 2, 2026
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: DANIEL WILGREEN (847) 705-4240
PROJECT MANAGER: J. ALAIN MIDY (817) 221-3056

CONTRACT NO. 80C58

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV-SEP

(c) 2026 Microsoft Corporation (c) 2026 TomTom

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5-6	ROADWAY PLANS
7	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
8	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE (TC-09)
9-10	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (TC-12)
11	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
642001-03	SHOULDER RUMBLE STRIPS, 16 IN
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701400-12	APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE FREEWAY/EXPRESSWAY
701428-01	TRAFFIC CONTROL FREEWAY/EXPRESSWAY SETUP AND REMOVAL
701901-11	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
2. ALL MILLED SURFACES SHALL HAVE A UNIFORM CROSS SLOPE PER LANE AND SHALL BE FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
3. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
4. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING DIMENSIONS AND FIELD CONDITIONS PRIOR TO CONSTRUCTION AND THE ORDERING OF MATERIALS.
6. THE ENGINEER SHALL CONTACT REGINA COOPER, AREA TRAFFIC FIELD ENGINEER, AT REGINA.COOPER2@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
7. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, KALPANA KANNAN-HOSADURGA, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
8. THE CONTRACTOR SHALL CONTACT THE IDOT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR FOR DISTRICT ONE, CARLOS, AT CARLOS.MUNOZ@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF THE BEGINNING OF WORK.
9. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1.5 INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH. WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED AT A MINIMUM OF 1:3 (V:H).
10. ALL SHORT-TERM PAVEMENT MARKINGS ON FINAL SURFACES SHALL BE TYPE IV TAPE.
11. ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
12. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD ALL EXISTING PAVEMENT MARKING LINES AND REFLECTIVE PAVEMENT MARKERS FOR REFERENCE SO THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
13. THE "ARTERIAL ROAD INFORMATION SIGN (TC-22)" IS APPLICABLE ONLY TO ARTERIAL ROADS AND SHALL NOT BE USED ON EXPRESSWAYS OR TOLLWAYS.
14. THE CONTRACTOR SHALL REQUEST AND OBTAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER ATWWW.IDOTLCS.COM TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP, AND SHOULDER CLOSURES, AND SEVEN (7) DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION SHALL BE BASED ON THE WORK WEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.
15. WHEN ARTIFICIAL LIGHTING IS USED FOR NIGHTTIME OPERATIONS, THE CONTRACTOR SHALL EXERCISE UTMOST PRECAUTION TO PREVENT ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJACENT RESIDENTIAL AREAS.
16. THE CONTRACTOR SHALL COORDINATE WITH EXISTING CONTRACTS ALONG THE CORRIDOR FOR ANY PROPOSED NIGHTTIME WORK REQUIRING LANE CLOSURES. THE CONTRACTOR SHALL COORDINATE WITH MATHEW DAEDA, CONSULTANT RESIDENT ENGINEER FOR THE I-80 WORK WITHIN THE PROJECT LIMITS, AT MDAEDA@HWLOCHNER.COM, AND WITH PHIL GIBSON OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AT PHILLIP.GIBSON@ILLINOIS.GOV, TO AVOID CONFLICTS WITH ANY ONGOING WORK WITHIN THE PROJECT LIMITS.

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INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
I-55 NB OVER I & M CANAL AND CSXT RR

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	86(VB-1-R,B-R-1,B)RCS,BD	WILL	11	2
		CONTRACT NO. 80C58		
	ILLINOIS FED. AID PROJECT			

REV-SEP

CHANNAHON

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE URBAN ROADWAY SN 099-0289 100% STATE 0005	TYPE CODE URBAN ROADWAY SN 099-031 100% STATE 0005	TYPE CODE URBAN ROADWAY 100% STATE 0044	TYPE CODE URBAN	TYPE CODE URBAN	TYPE CODE URBAN
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	185	67	118				
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	103	43	60				
	40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	41	15	26				
	44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	412	149	263				
	44200553	CLASS A PATCHES, TYPE II, 10 INCH	SQ YD	5	5					
	44213000	PATCHING REINFORCEMENT	SQ YD	5	5					
	44213200	SAW CUTS	FOOT	46	46					
	60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1	1					
	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	206	86	120				
	67100100	MOBILIZATION	L SUM	1	0.5	0.5				
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.5	0.5				
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	432	180	252				
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	144	60	84				
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	232	97	135				
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	78	27	51				
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	9	3	6				
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	9	3	6				
	X0326766	CLEAN & RESEAL RELIEF JOINT	FOOT	180	90	90				
	X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	412	149	263				
	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	6	3	3				
	X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	0.5	0.5				
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	102.8	51.4	51.4				

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE URBAN ROADWAY SN 099-0289 100% STATE 0005	TYPE CODE URBAN ROADWAY SN 099-031 100% STATE 0005	TYPE CODE URBAN ROADWAY 100% STATE 0044	TYPE CODE URBAN	TYPE CODE URBAN	TYPE CODE URBAN
	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	1			1			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

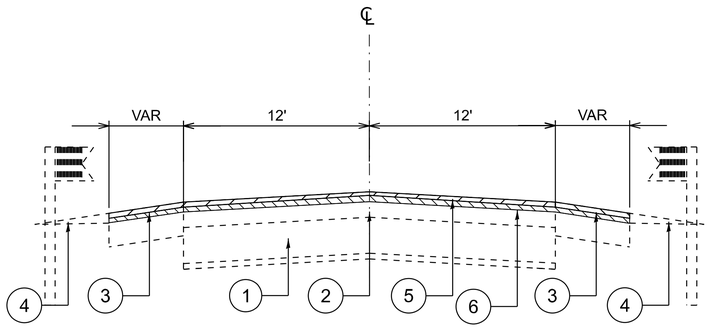
SUMMARY OF QUANTITIES
I-55 NB OVER I & M CANAL AND CSXT RR

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 80C58		
	ILLINOIS	FED. AID PROJECT		

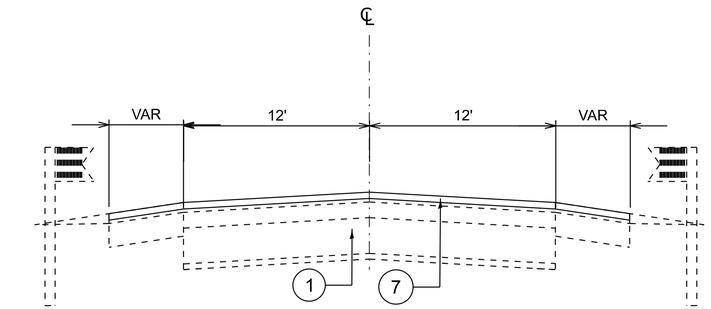
CHANNAHON

N.B. I-55



EXISTING TYPICAL SECTION

(LOOKING NORTHEAST)
STA. 13+89 TO STA. 16+80
STA. 25+30 TO STA. 27+17
STA. 63+81 TO STA. 67+40



PROPOSED TYPICAL SECTION

(LOOKING NORTHEAST)
STA. 13+89 TO STA. 16+80
STA. 25+30 TO STA. 27+17
STA. 63+81 TO STA. 67+40

LEGEND

1. EXISTING P.C.C. PAVEMENT, (10")
2. EXISTING HMA SURFACE COURSE, (VARIES 1½ TO 1¾)
3. EXISTING HMA SHOULDERS.
4. EXISTING AGGREGATE SHOULDERS, 3"
5. PROPOSED HMA SURFACE REMOVAL, 1¾"
6. PROPOSED PCC SURFACE REMOVAL, (VARIABLE DEPTH)
7. PROPOSED POLYMERIZED HOT-MIX ASHPALT SURFACE COURSE, 9.5,MIX "F", N80,2"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP
MIXTURE TYPE	AIR VOIDS @ Ndesign	
PAVEMENT RESURFACING		
POLY.HOT-MIX ASPHALT SURFACE COURSE,SMA, IL-9.5, MIX "F", N80	3.5% @ 80 Gyr.	QC/QA
QMP Designations: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); Pay for Performance (PFP)		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES 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

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE POLY.HMA SC, SMA 9.5 MIX "F" N80.

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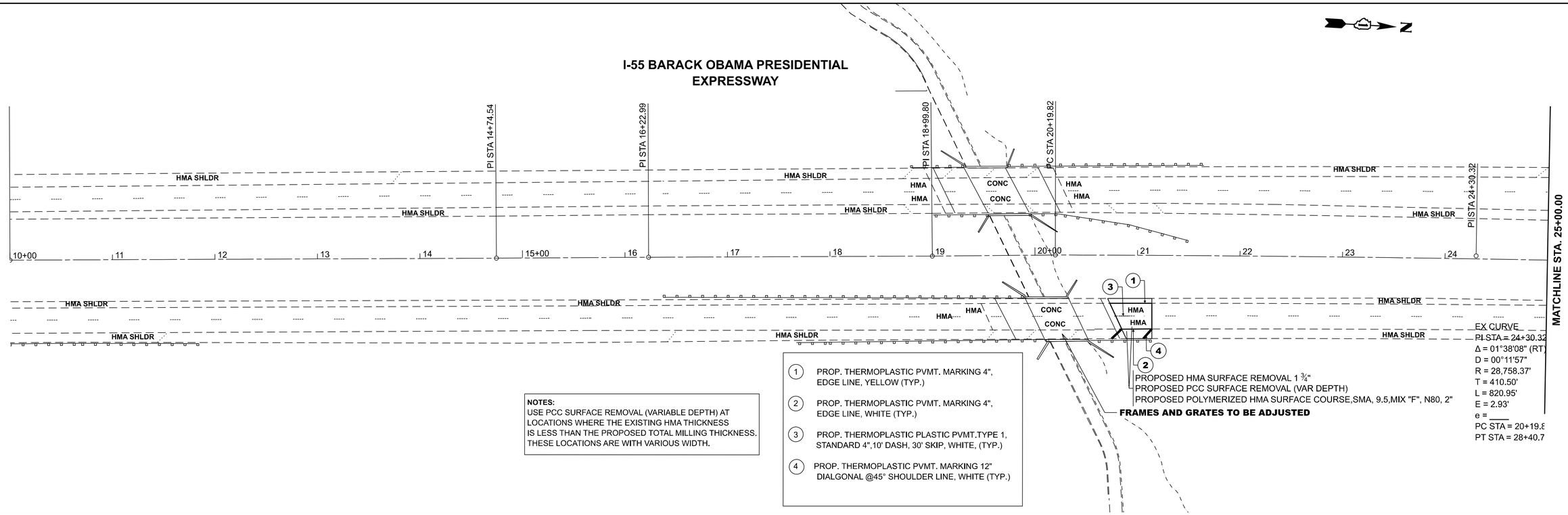
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
I-55 NB OVER I & M CANAL AND CSXT RR

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

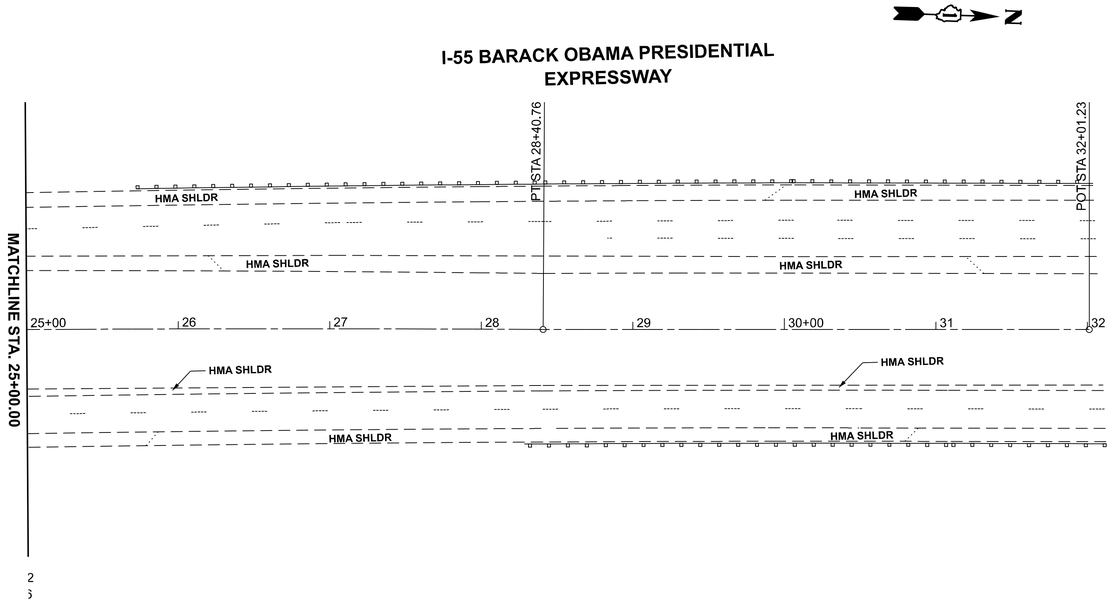
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		CONTRACT NO. 80C58		
	ILLINOIS FED. AID PROJECT			

CHANNAHON



NOTES:
USE PCC SURFACE REMOVAL (VARIABLE DEPTH) AT LOCATIONS WHERE THE EXISTING HMA THICKNESS IS LESS THAN THE PROPOSED TOTAL MILLING THICKNESS. THESE LOCATIONS ARE WITH VARIOUS WIDTH.

1. PROP. THERMOPLASTIC PVMT. MARKING 4", EDGE LINE, YELLOW (TYP.)
2. PROP. THERMOPLASTIC PVMT. MARKING 4", EDGE LINE, WHITE (TYP.)
3. PROP. THERMOPLASTIC PLASTIC PVMT.TYPE 1, STANDARD 4",10' DASH, 30' SKIP, WHITE, (TYP.)
4. PROP. THERMOPLASTIC PVMT. MARKING 12" DIALGONAL @45° SHOULDER LINE, WHITE (TYP.)



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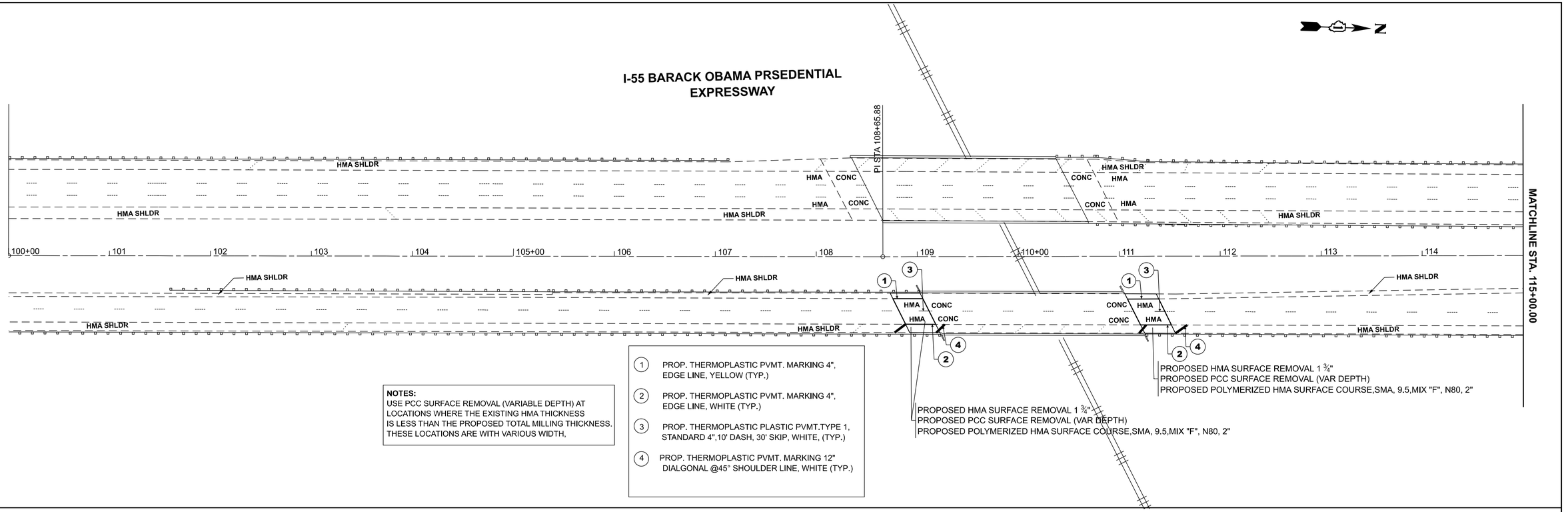
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55 BARACK OBAMA PRESIDENTIAL EXPRESS OVER I & M CANAL

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 10+00.00 | TO STA. 40+00.00

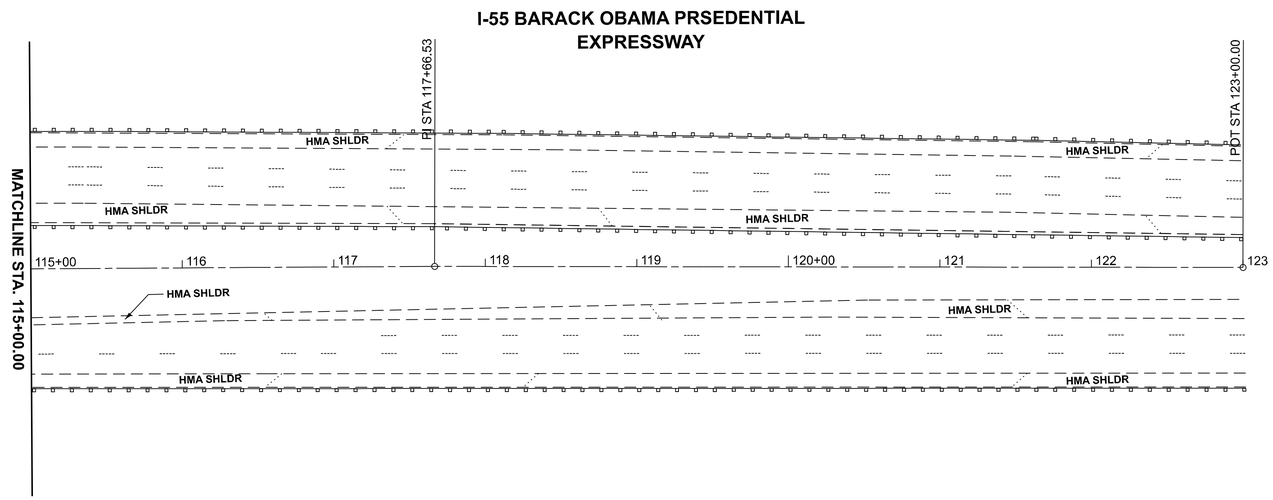
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		CONTRACT NO. 80C58		
		ILLINOIS	FED. AID PROJECT	

CHANNAHON



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3. PROP. THERMOPLASTIC PLASTIC PVMT.TYPE 1, STANDARD 4",10' DASH, 30' SKIP, WHITE, (TYP.)
4. PROP. THERMOPLASTIC PVMT. MARKING 12" DIALGONAL @45° SHOULDER LINE, WHITE (TYP.)



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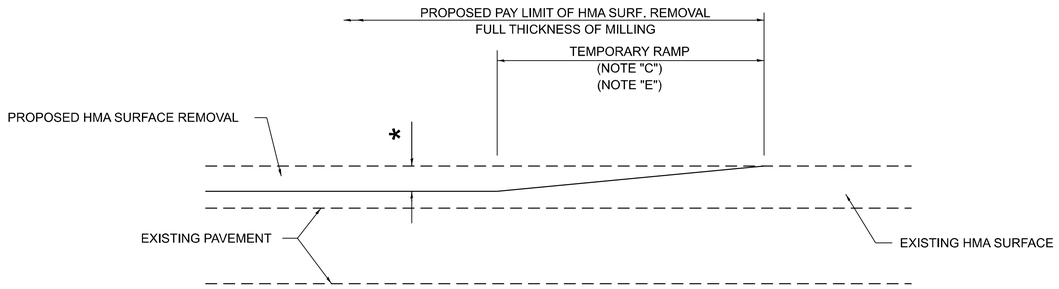
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55 BARACK OBAMA PRESIDENTIAL EXPRESS OVER CSXT RAILROAD

SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 100+00.00 | TO STA. 130+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 80C58		
	ILLINOIS	FED. AID PROJECT		

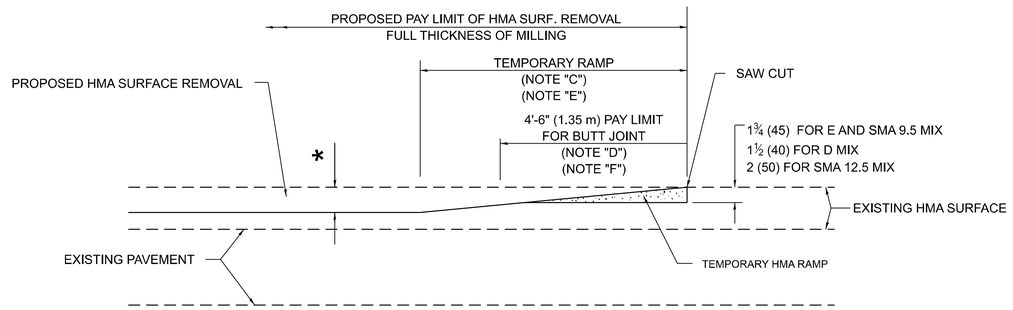
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MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

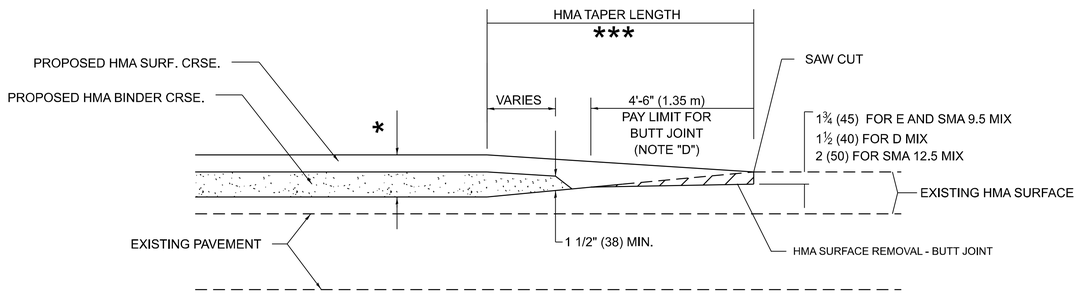


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

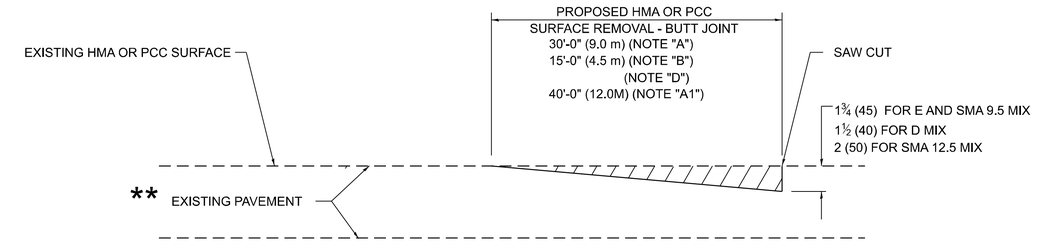
OPTION 2

TYPICAL TEMPORARY RAMP

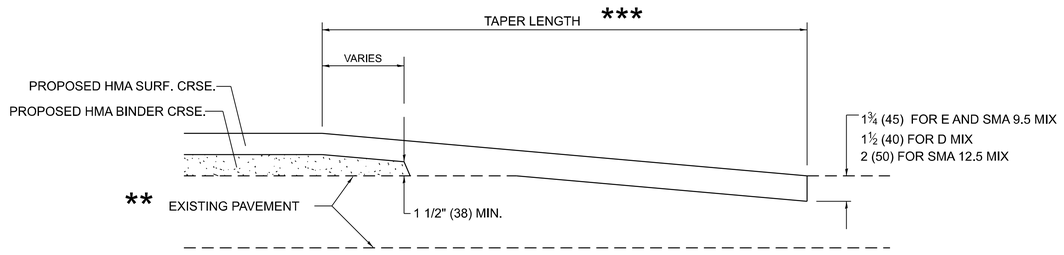


BUTT JOINT AND HMA TAPER

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.

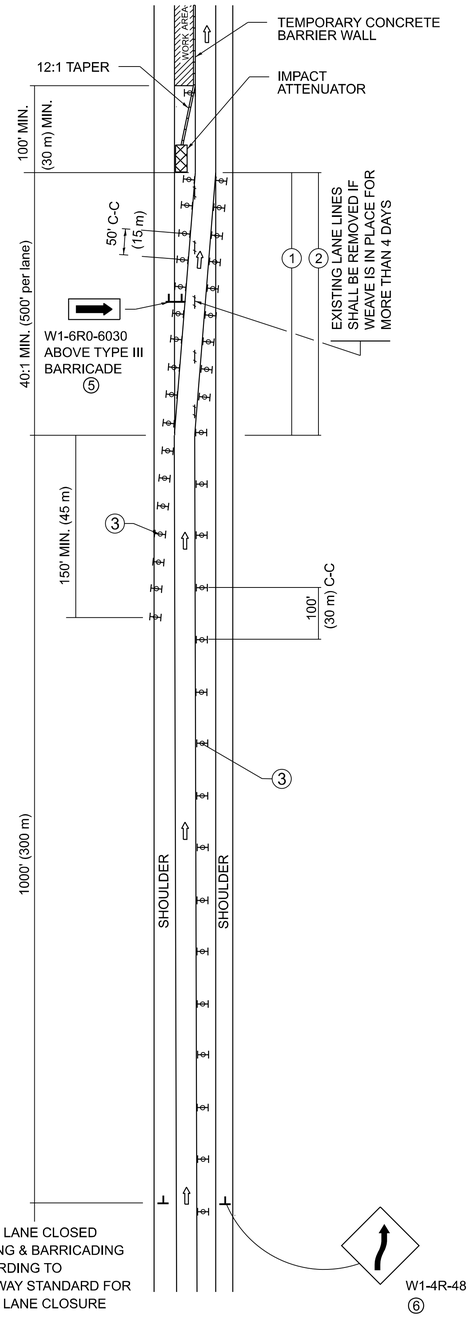
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	DRAWN -	REVISED - M. GOMEZ 04-06-01			
	CHECKED -	REVISED - R. BORO 01-01-07			
PLOT DATE = 8/20/2026	DATE - 06-13-90	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	86(VB-1-R,B-R-1,B)RCS,BD	WILL	11	7
	BD400-05 BD-32	CONTRACT NO. 80C58		
	ILLINOIS FED. AID PROJECT			

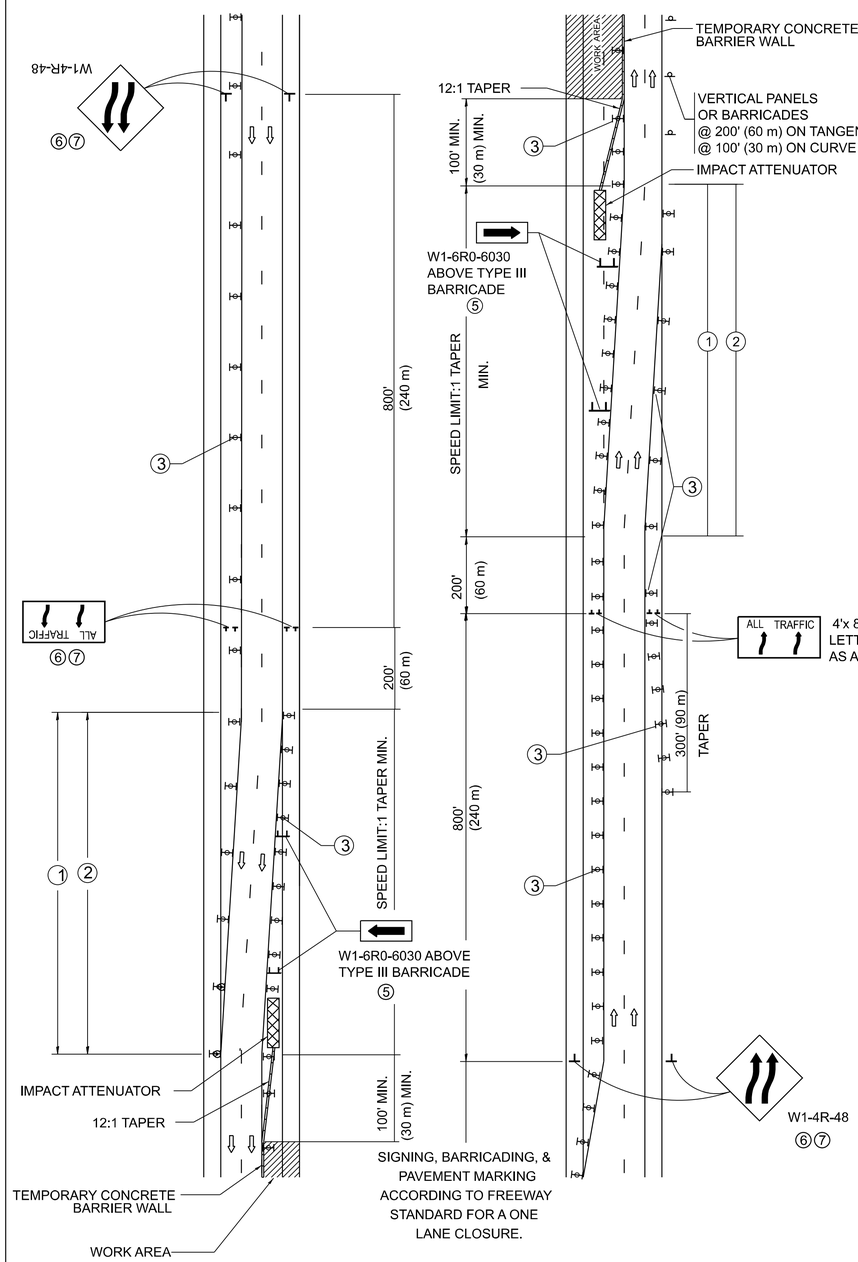
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SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES:

① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.

② CONTINOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.

③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.

④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.

⑤ TYPE III BARRICADES MAY BE OMMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.

⑥ WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.

⑦ THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- W24-1-48 ⑦

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	DRAWN -	REVISED - S.P.B. 01-07	
	CHECKED -	REVISED - S.P.,B. 12-09	
PLOT DATE = 8/21/2026	DATE - 02-87	REVISED - M.D. 06-13	

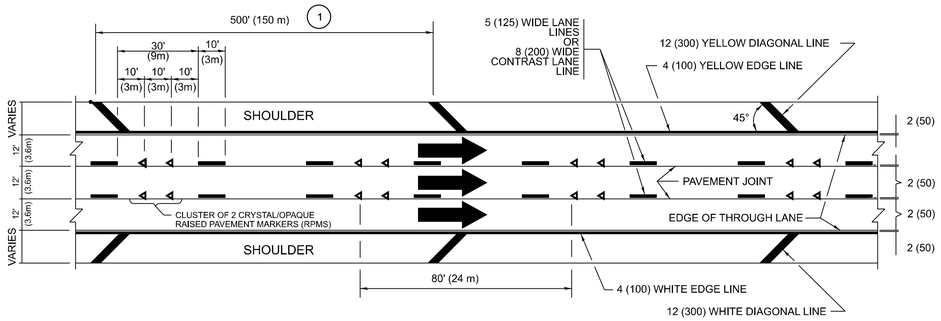
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TC-09	CONTRACT NO. 80C58		
	ILLINOIS FED. AID PROJECT			

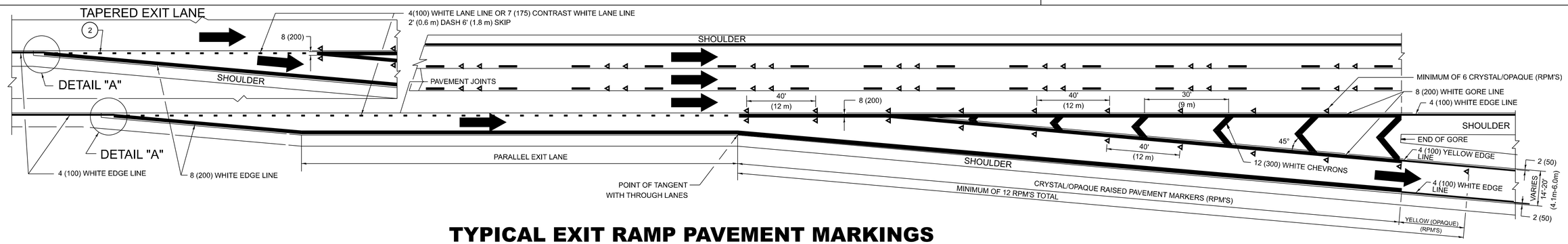
CHANNAHON



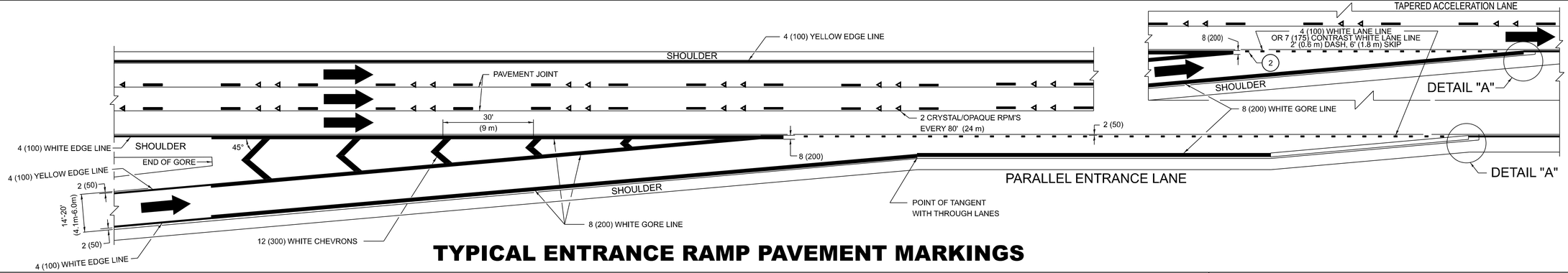
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

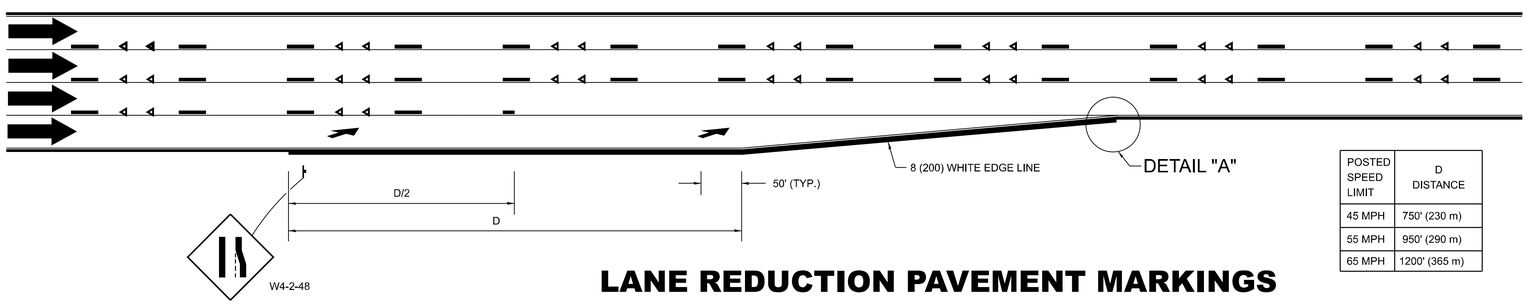
1. THERMOPLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON HMA PAVEMENTS.
2. POLYUREA OR MODIFIED URETHANE PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON PCC PAVEMENTS.
3. PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE D, INLAID OR GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON HMA PAVEMENTS.
4. CONTRAST PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE B, GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON PCC PAVEMENT.



TYPICAL EXIT RAMP PAVEMENT MARKINGS

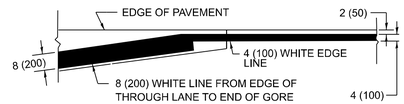


TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)

LANE REDUCTION PAVEMENT MARKINGS



DETAIL "A"

NOTES:

1. THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
2. 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.

USER NAME = Baraa.alsmadi	DESIGNED - D.W.S.	REVISED - S.P.B. 01-10	
	DRAWN -	REVISED - M.D. 05-13	
	CHECKED -	REVISED - M.D. 09-17	
PLOT DATE = 8/21/2026	DATE - 01-90	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

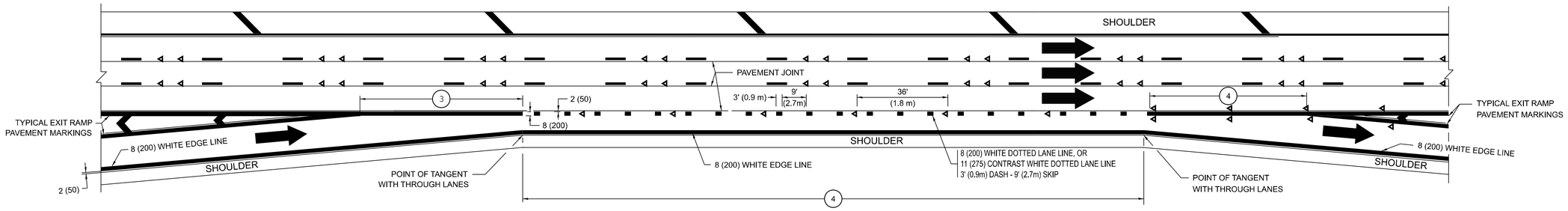
MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS

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

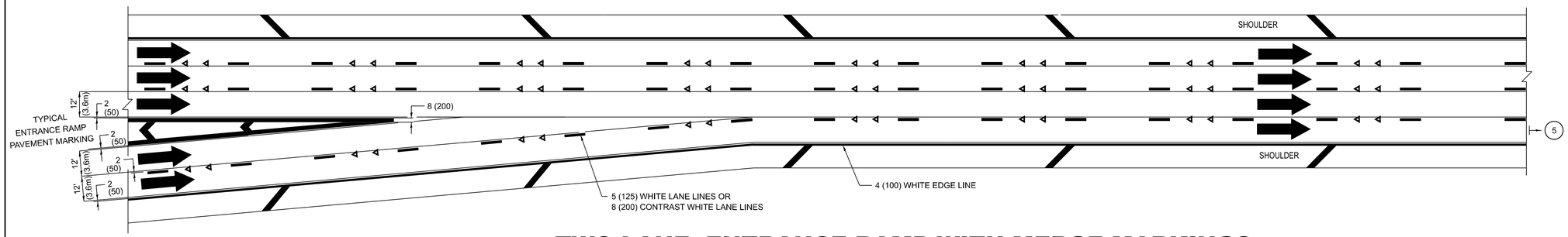
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55	86(VB-1-R,B-R-1,B)RCS,BD	WILL	11	9
	TC-12	CONTRACT NO. 80C58		
	ILLINOIS FED. AID PROJECT			

CHANNAHON

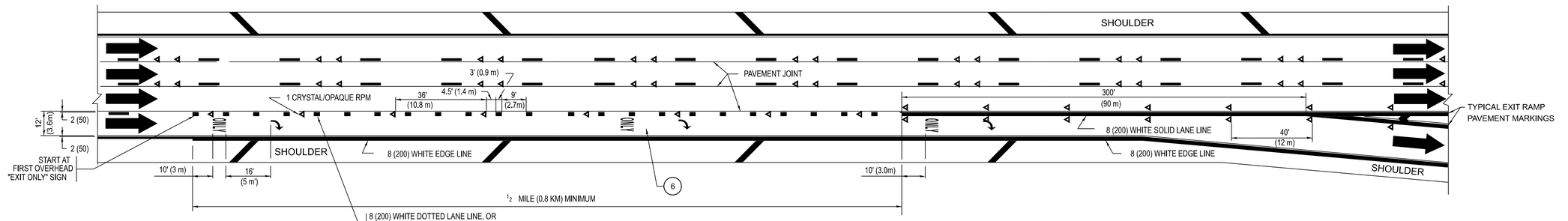
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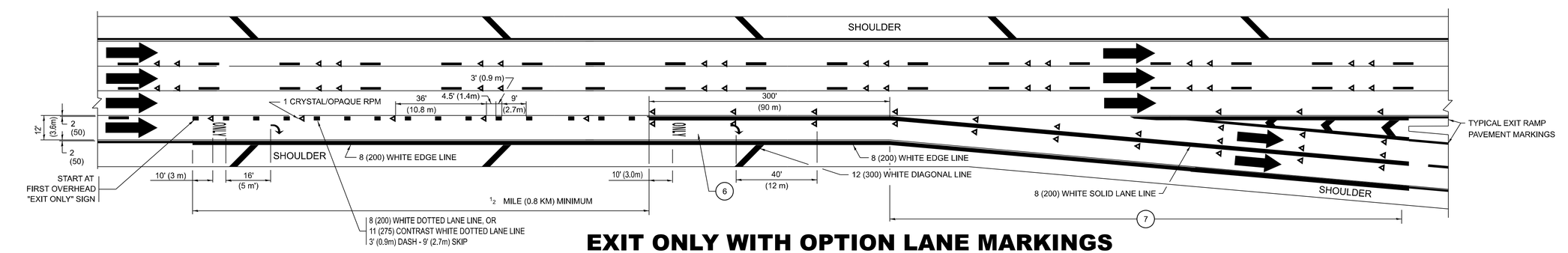
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

NOTES:

3. OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
4. 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
5. FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
6. ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED..
7. CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

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PLOT DATE = 8/21/2026	DATE - 01-90	REVISED - M.D. 09-17	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

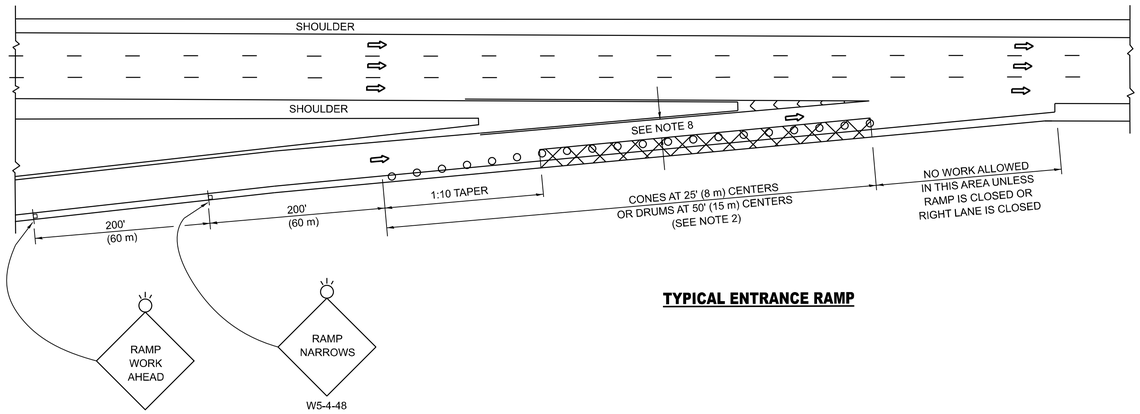
MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS

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

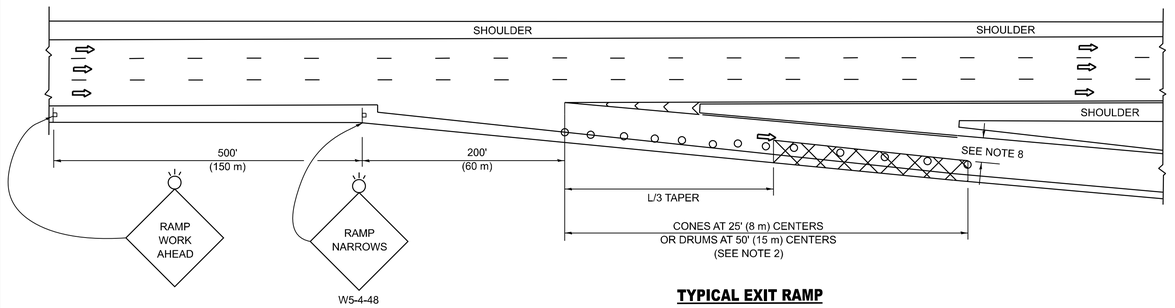
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55	86(VB-1-R,B-R-1,B)RCS,BD	WILL	11	10
	TC-12	CONTRACT NO. 80C58		
	ILLINOIS FED. AID PROJECT			

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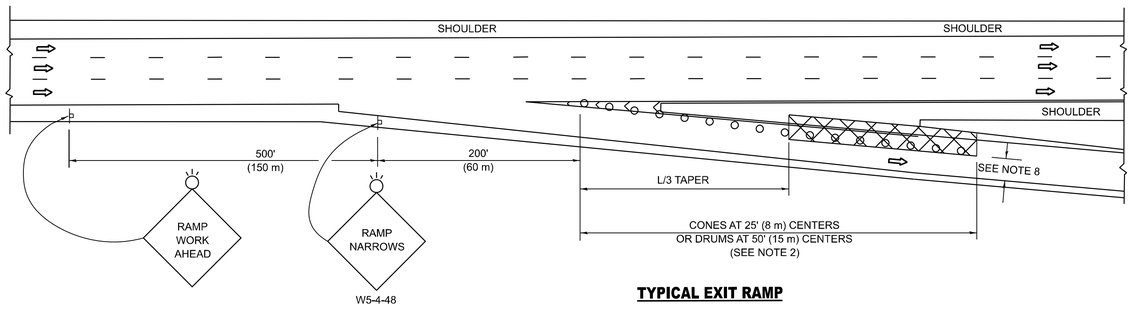
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP

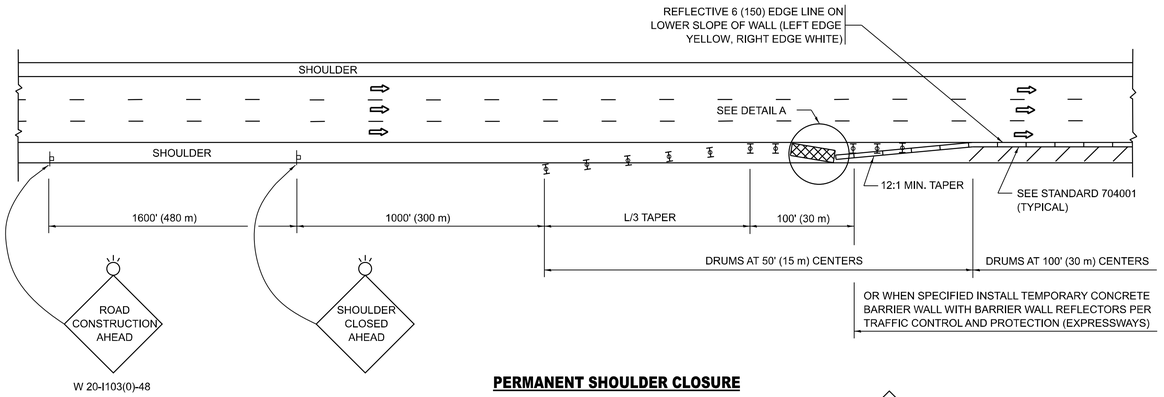


TYPICAL EXIT RAMP

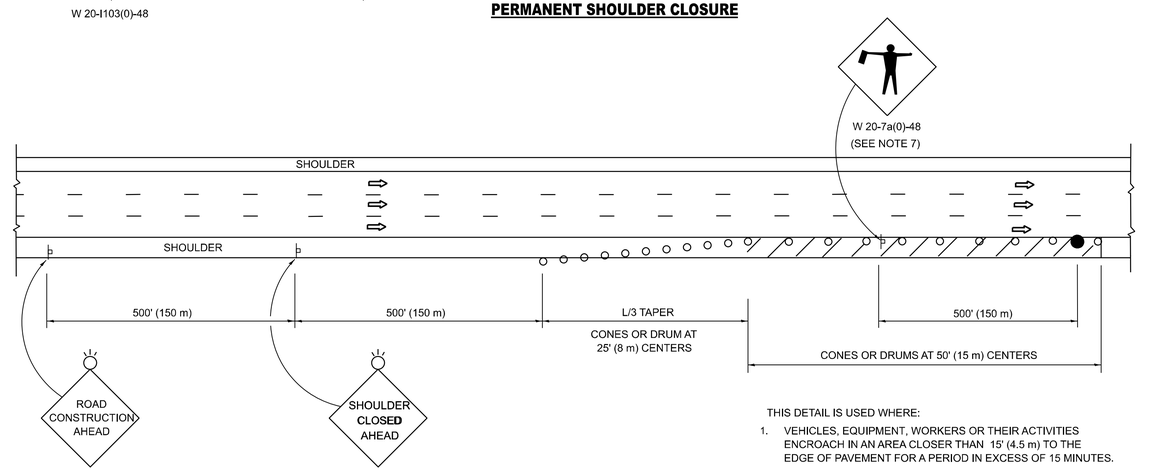


TYPICAL EXIT RAMP

SHOULDER CLOSURE DETAILS



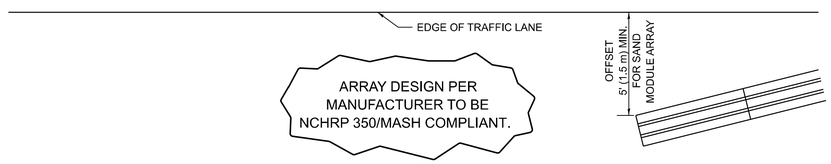
PERMANENT SHOULDER CLOSURE



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 ATTENTUATOR, TEMPORARY
(SEE NOTE 5)

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	
	METRIC	ENGLISH
45 mph (80 km/h) 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 OBSTICLES, 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.
5. THE IMPACT ATTENTUATOR, 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 AVTIVITY 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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PLOT DATE = 8/21/2026	DATE -	11-96	REVISED -	D.S. 05-24	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	86(VB-1-R,B-R-1,B)RCS,BD	WILL	11	11
	TC-17	CONTRACT NO. 80C58		
		ILLINOIS FED. AID PROJECT		

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