

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2025-2022-DR	COOK	13	1
		ILLINOIS	CONTRACT NO. 80B58	

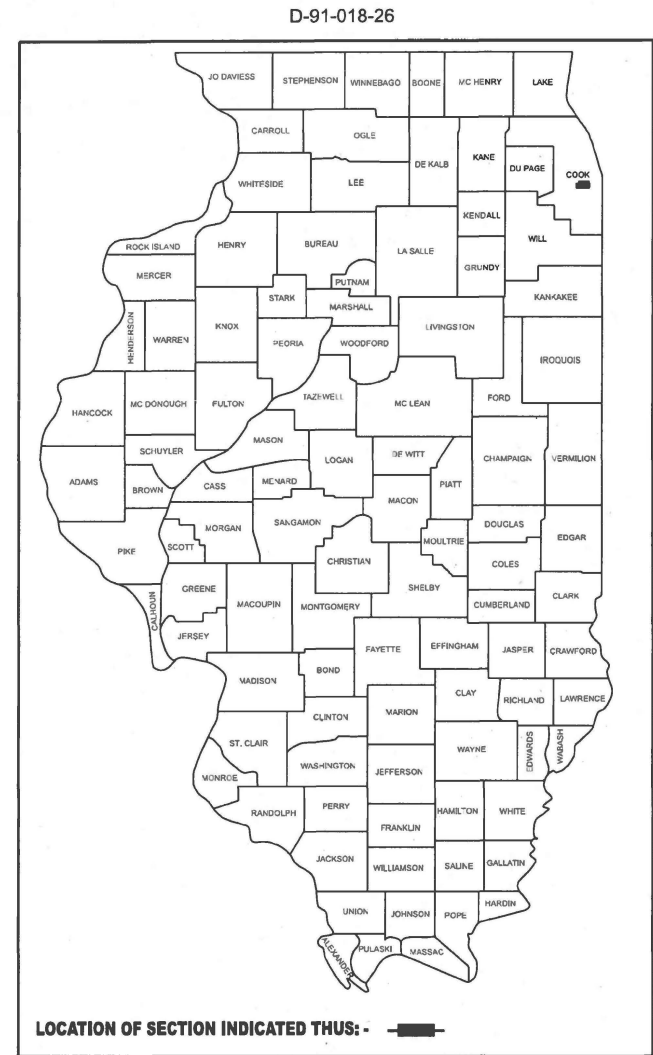
FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE VILLAGES OF FOREST PARK, MAYWOOD, BROADVIEW, BELLWOOD AND WESTCHESTER

TRAFFIC DATA
ADT (2024) = 152,998
POSTED SPEED LIMIT = 55 MPH
CLASS: INTERSTATE

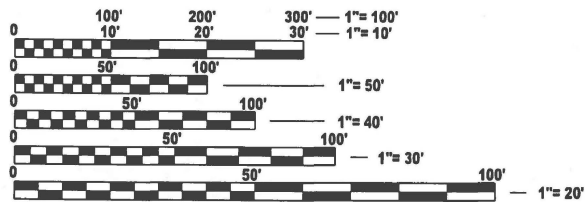
PROPOSED HIGHWAY PLANS
FAI ROUTE 290: I-290 (EISENHOWER EXPRESSWAY)
FROM US 12/20/45 (MANNHEIM RD) TO EAST OF DES PLAINES RIVER
SECTION: 2025-2022-DR
DRAINAGE STRUCTURE CLEANING
COOK COUNTY

C-91-023-26



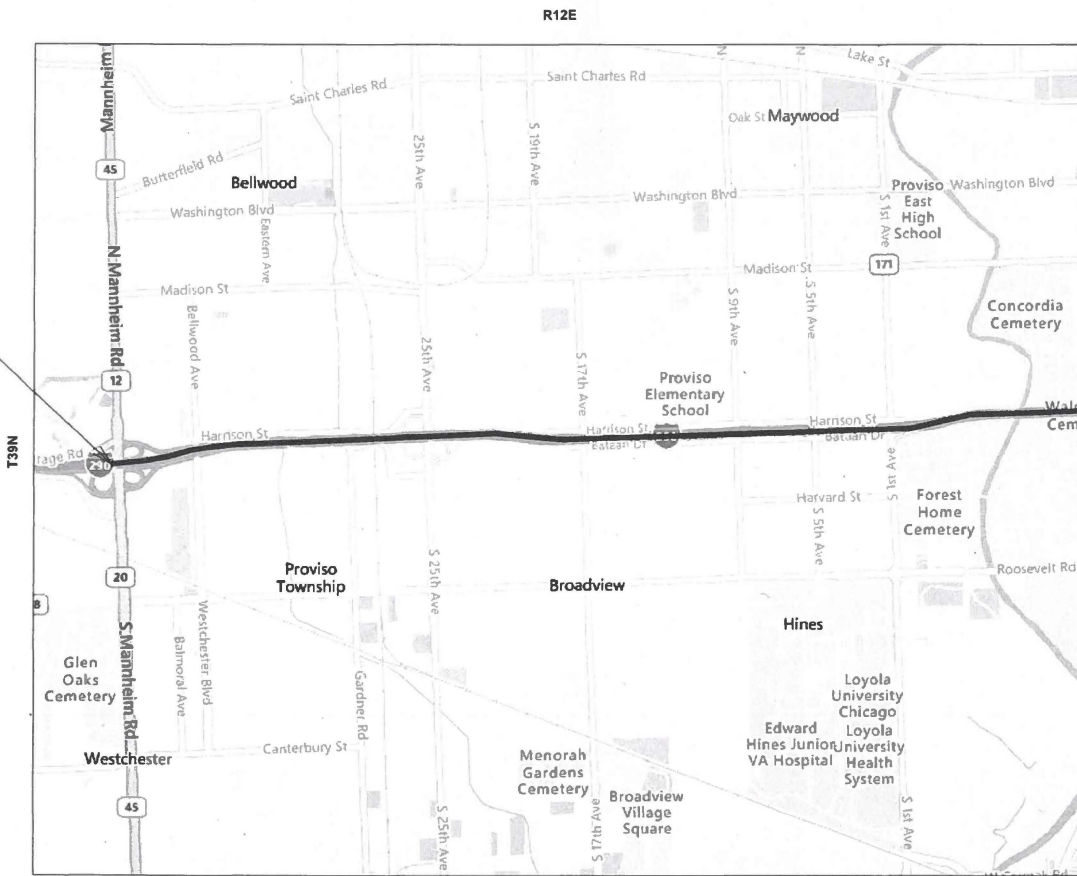
PROJECT BEGINS:
US 12/20/45
STA 1335

PROJECT ENDS:
EAST OF DES
PLAINES RIVER
STA 1504



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 & NET LENGTH = 16,900 FT. = 3.20 MILE

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

CONTRACT NO. 80B58

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 19, 2026
J. Rodriguez REGIONAL ENGINEER

May 8, 2026
Scott A. [Signature] ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2026
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.

DESCRIPTION

STANDARD NO.

DESCRIPTION

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. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
4. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR CARLOS MUNOZ AT CARLOS.MUNOZ@ILLINOIS.GOV OR 847-705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
5. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE PROJECT LIMITS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
6. 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 REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.
8. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM BUREAU OF MAINTENANCE.

1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	SCHEDULE OF QUANTITIES
5-11	ROADWAY PLANS
12	FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
13	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)

604091-05	FRAME AND GRATE TYPE 24
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701901-11	TRAFFIC CONTROL DEVICES

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DRAWN -	REVISED -	290			2025-2022-DR	COOK	13	2	
PLOT SCALE = 0.16666833 1/ in.	CHECKED -	REVISED -			CONTRACT NO. 80B58				
PLOT DATE = 3/24/2026	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET OF 1 SHEETS	STA.	TO STA.		

SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY					
Code No.	Item	Unit	Total Quantity	0043						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5	5						
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	2	2						
60404950	FRAMES AND GRATES, TYPE 24	EACH	6	6						
67100100	MOBILIZATION	L SUM	1	1						
X5230154	CLEANING BRIDGE SCUPPERS AND DOWNSPOUTS	EACH	8	8						
X5537500	STORM SEWERS TO BE CLEANED 6"	FOOT	3250	3250						
X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	750	750						
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	750	750						
X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	360	360						
X6025300	CATCH BASINS TO BE ADJUSTED (SPECIAL)	EACH	6	6						
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	6	6						
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1						
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	39	39						

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PLOT DATE = 3/18/2026	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
I-290 (US 12/20/45 (MANNHEIM RD) TO DES PLAINES RIVER)

SCALE: SHEET OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2025-2022-DR	COOK	13	3
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 80B58

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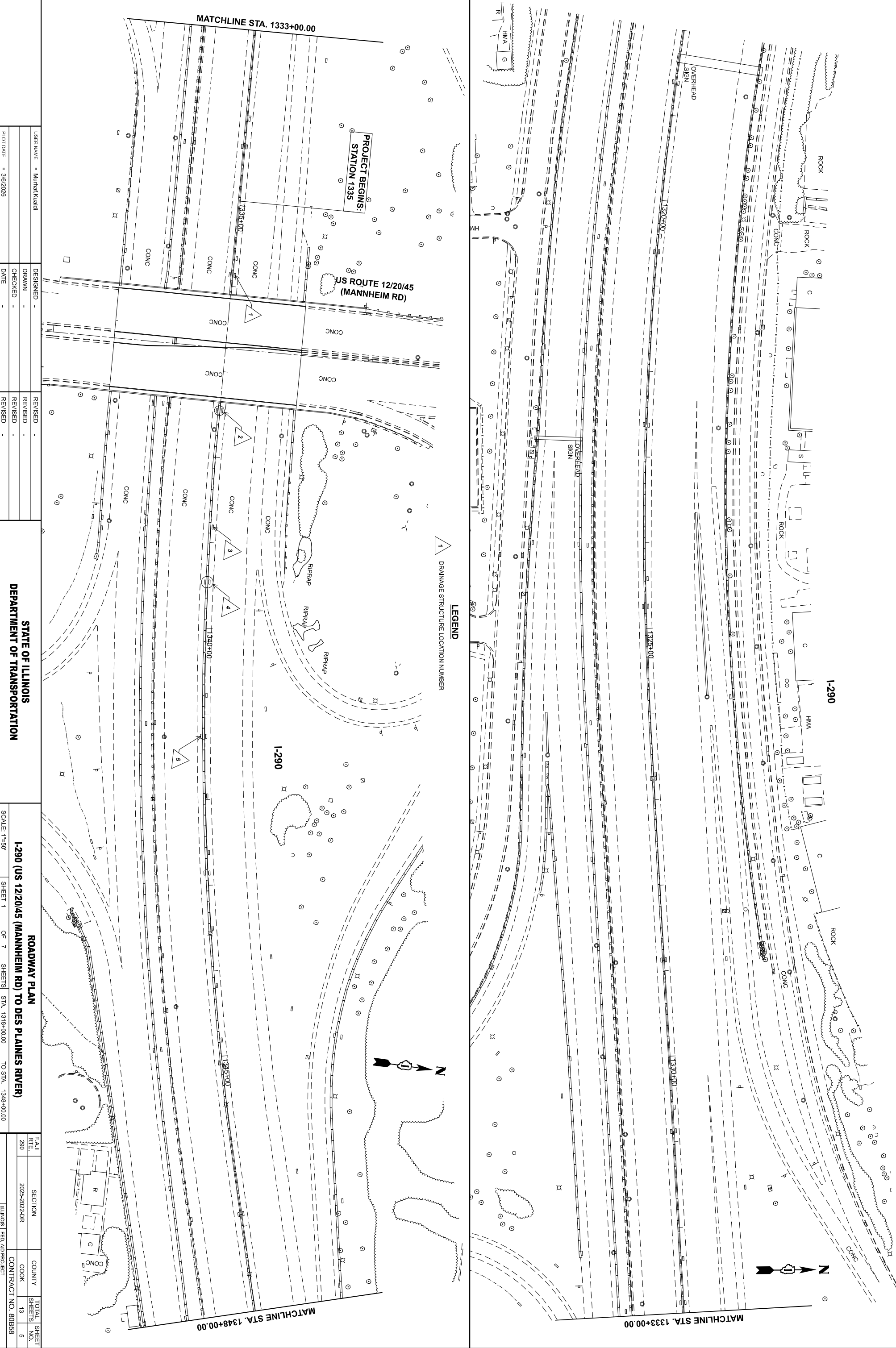
LOCATION NO	STATION	TYPE OF STRUCTURE	BOUND	SHOULDER LOCATION	QUANTITY OF STRUCTURE PER PAY ITEM		
					DRAINAGE STRUCTURES TO BE CLEANED	FRAMES AND GRATES, TYPE 24	CLEANING BRIDGE SCUPPERS AND DOWNSPOUTS
					Z0018500	60404950	X5230154
1	1335+86	CATCH BASIN	WB	INSIDE SHOULDER	1		
2	1337+46	CATCH BASIN	WB,EB	INSIDE SHOULDER	2		
3	1338+82	CATCH BASIN	WB	INSIDE SHOULDER	1		
4	1339+42	CATCH BASIN	WB,EB	INSIDE SHOULDER	2		
5	1341+26	CATCH BASIN	EB	INSIDE SHOULDER	1	1	
6	1348+70	COFFIN SEWER	WB,EB	INSIDE SHOULDER	2		
7	1358+36	CATCH BASIN	EB	INSIDE SHOULDER	1	1	
8	1381+47	MANHOLE	WB	INSIDE SHOULDER	1		
9	1381+75	MANHOLE	WB	INSIDE SHOULDER	1		
10	1389+75	COFFIN SEWER	WB,EB	INSIDE SHOULDER	2		
11	1400+54	CATCH BASIN	WB	INSIDE SHOULDER	1	1	
12	1414+76	CATCH BASIN	WB,EB	INSIDE SHOULDER	2		
13	1418+22	COFFIN SEWER	WB,EB	INSIDE SHOULDER	2		
14	1418+34	CATCH BASIN	WB	INSIDE SHOULDER	1	1	
15	1443+27	COFFIN SEWER	WB,EB	INSIDE SHOULDER	2		
16	1443+35	CATCH BASIN	WB,EB	INSIDE SHOULDER	2		
17	1458+27	COFFIN SEWER	WB,EB	INSIDE SHOULDER	2		
18	1470+45	COFFIN SEWER	WB,EB	INSIDE SHOULDER	2		
19	1471+84	CATCH BASIN	EB	INSIDE SHOULDER	1		
20	1472+95	CATCH BASIN	EB	INSIDE SHOULDER	1		
21	1476+39	CATCH BASIN	WB,EB	INSIDE SHOULDER	2		
22	1492+43	BRIDGE SCUPPERS	WB,EB	INSIDE SHOULDER			2
23	1492+88	BRIDGE SCUPPERS	WB,EB	INSIDE SHOULDER			2
24	1493+72	BRIDGE SCUPPERS	WB,EB	INSIDE SHOULDER			2
25	1494+15	BRIDGE SCUPPERS	WB,EB	INSIDE SHOULDER			2
26	1439+35	CATCH BASIN	WB	OUTSIDE SHOULDER	1		
27	1471+82	CATCH BASIN	WB	OUTSIDE SHOULDER	1		
28	1487+96	CATCH BASIN	WB	OUTSIDE SHOULDER	1		
29	1490+36	CATCH BASIN	WB	OUTSIDE SHOULDER	1		
30	1496+20	CATCH BASIN	WB	OUTSIDE SHOULDER	1		
31	1502+23	CATCH BASIN	WB	OUTSIDE SHOULDER	1		
32	1503+42	CATCH BASIN	WB	OUTSIDE SHOULDER	1		
TOTAL					39	4	8

NOTES:

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

MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE USES	AIR VOIDS @ Ndes	
INCIDENTAL HOT-MIX ASPHALT SURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	4.0% AT 50 GYR.	QC/QA
QMP Designation: Pay for Performance (PFP); Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP)		

USER NAME = Murhaf,Kuaidi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES I-290 (US 12/20/45 (MANNHEIM RD) TO DES PLAINES RIVER)	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	290			2025-2022-DR	COOK	13	4	
PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -			CONTRACT NO. 80B58				
PLOT DATE = 3/25/2026	DATE -	REVISED -			SCALE: SHEET OF 1 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		



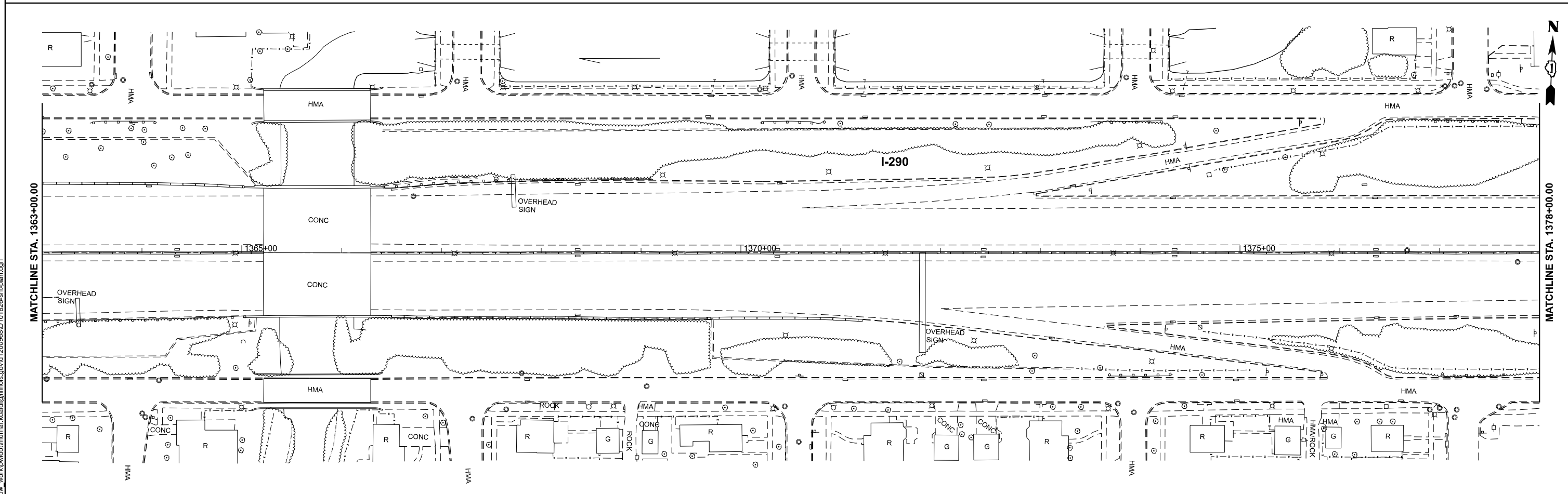
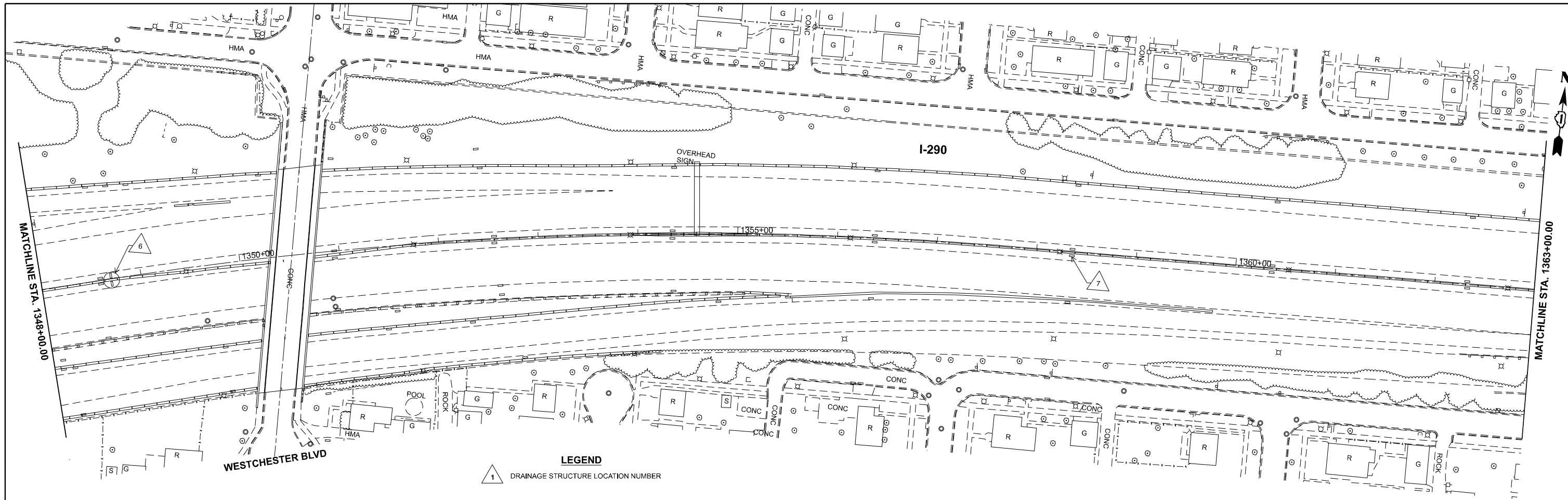
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PLT DATE =	3/6/2006

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REVISION	-	-	-
REVISION	-	-	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
 I-290 (US 12/20/45 (MANNHEIM RD) TO DES PLAINES RIVER)
 SCALE: 1"=50'
 SHEET 1 OF 7 SHEETS
 STA. 1318+00.00 TO STA. 1348+00.00

FBI	SECTION	COUNTY	TOTAL SHEET
RT# 290	2025-2022-DR	COOK	SHEETS NO.
			5
			CONTRACT NO. 80B58
			ILLINOIS FED. AID PROJECT



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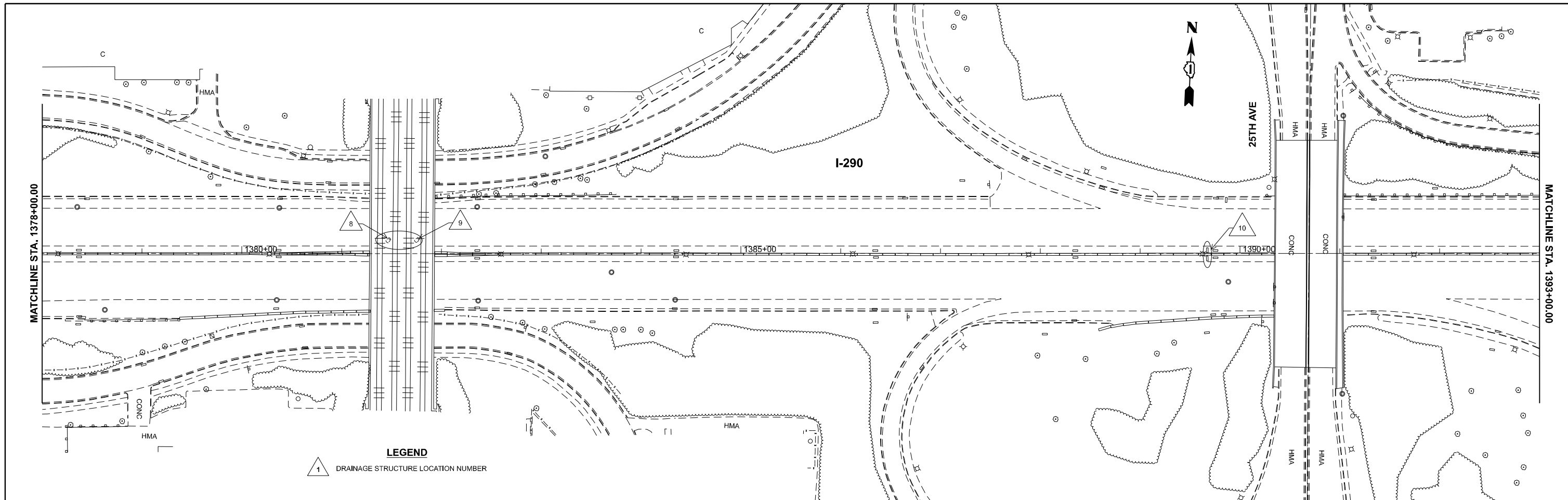
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

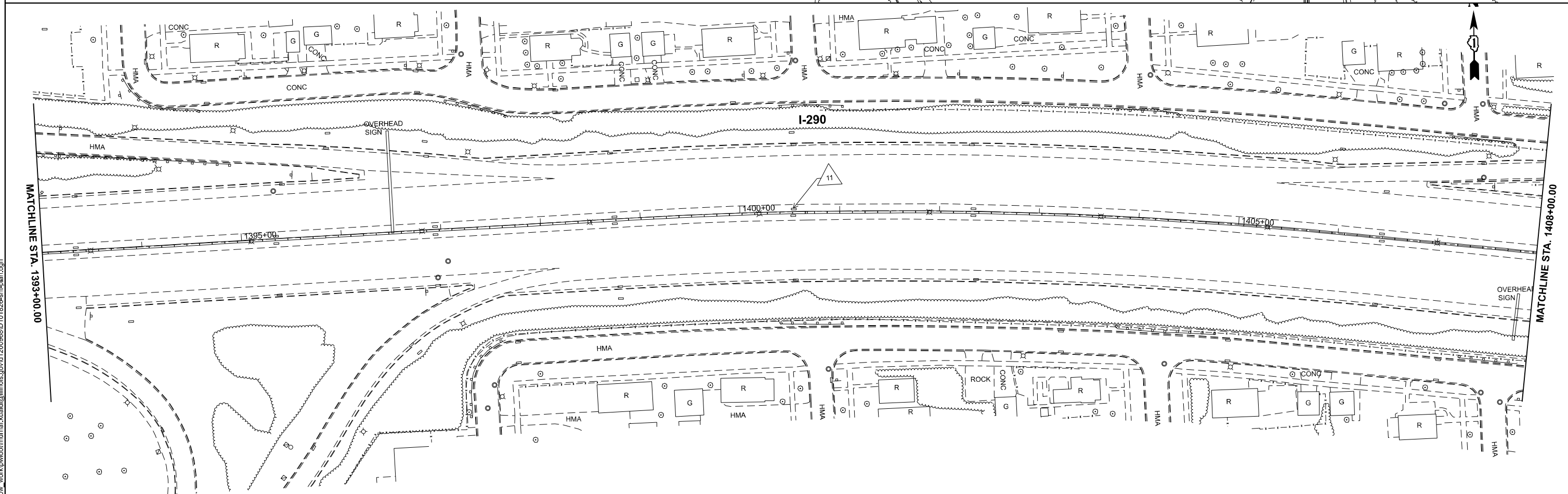
**ROADWAY PLAN
 I-290 (US 12/20/45 (MANNHEIM RD) TO DES PLAINES RIVER)**

SCALE: 1"=50' SHEET 2 OF 7 SHEETS STA. 1348+00.00 TO STA. 1378+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2025-2022-DR	COOK	13	6
CONTRACT NO. 80B58				
ILLINOIS FED. AID PROJECT				



LEGEND
 1 DRAINAGE STRUCTURE LOCATION NUMBER



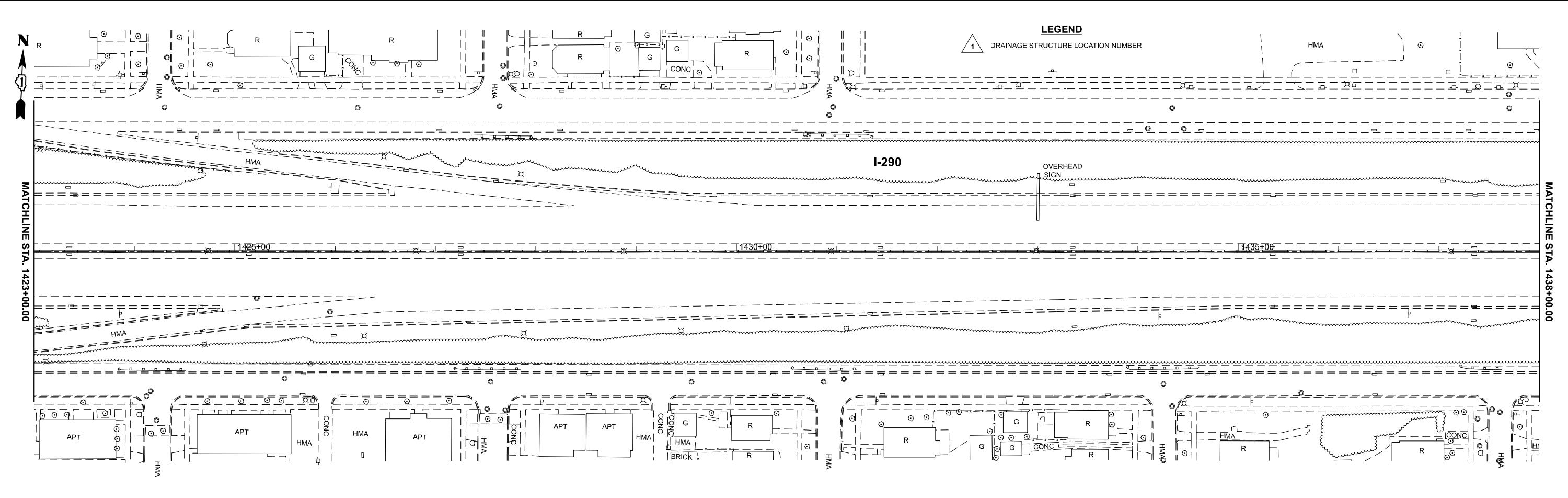
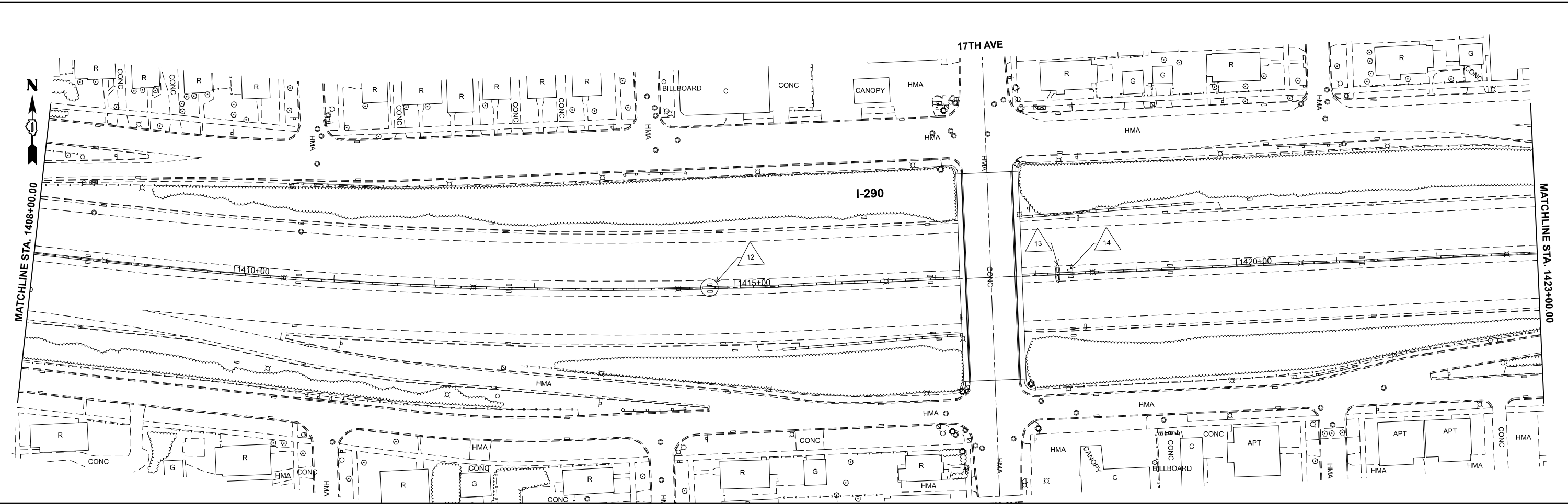
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	CHECKED -	REVISED -
PLOT DATE = 2/25/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN
I-290 (US 12/20/45 (MANNHEIM RD) TO DES PLAINES RIVER)
 SCALE: 1"=50' SHEET 3 OF 7 SHEETS STA. 1378+00.00 TO STA. 1408+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2025-2022-DR	COOK	13	7
CONTRACT NO. 80B58				
ILLINOIS FED. AID PROJECT				



LEGEND
 1 DRAINAGE STRUCTURE LOCATION NUMBER

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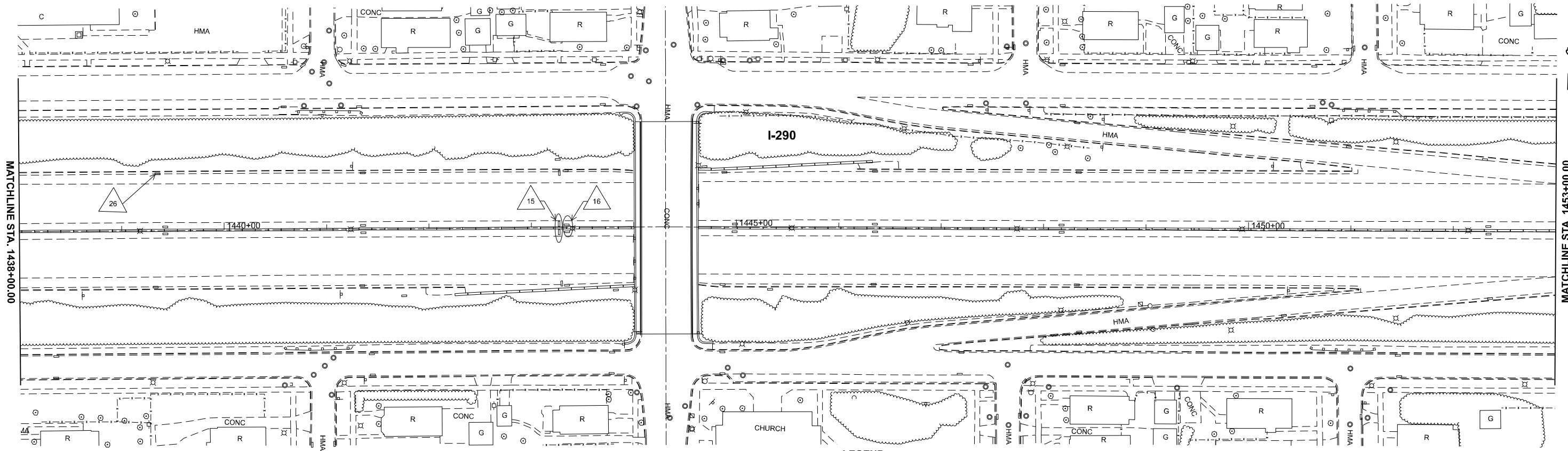
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-290 (US 12/20/45 (MANNHEIM RD) TO DES PLAINES RIVER)
 SCALE: 1"=50' SHEET 4 OF 7 SHEETS STA. 1408+00.00 TO STA. 1438+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2025-2022-DR	COOK	13	8
CONTRACT NO. 80B58				
ILLINOIS FED. AID PROJECT				

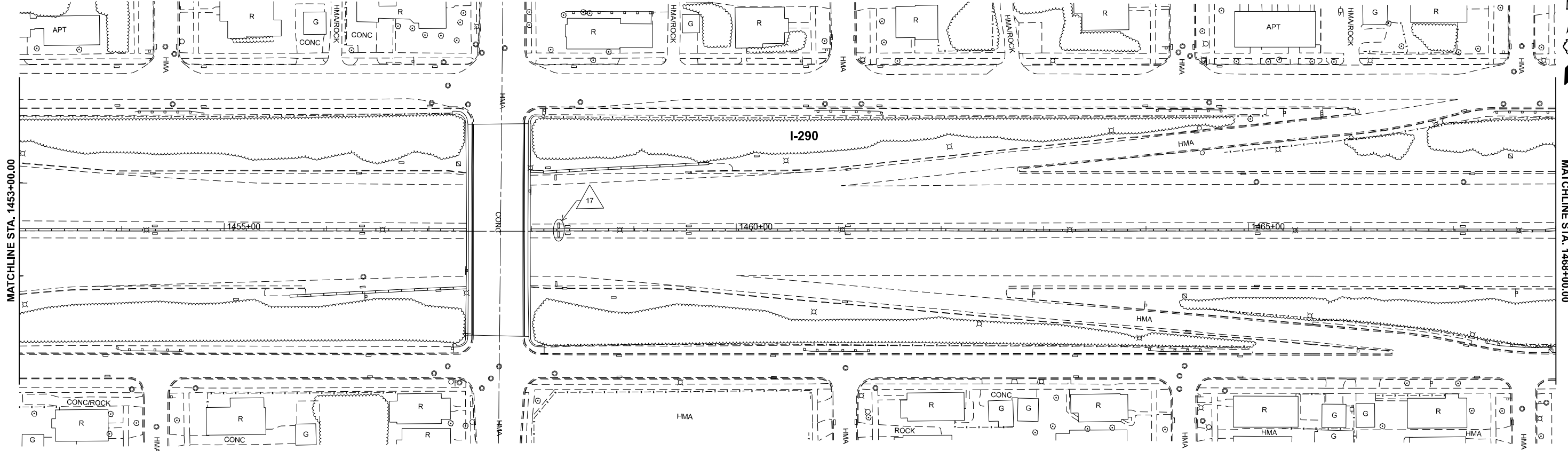
9TH AVE



9TH AVE

LEGEND
 1 DRAINAGE STRUCTURE LOCATION NUMBER

5TH AVE



5TH AVE

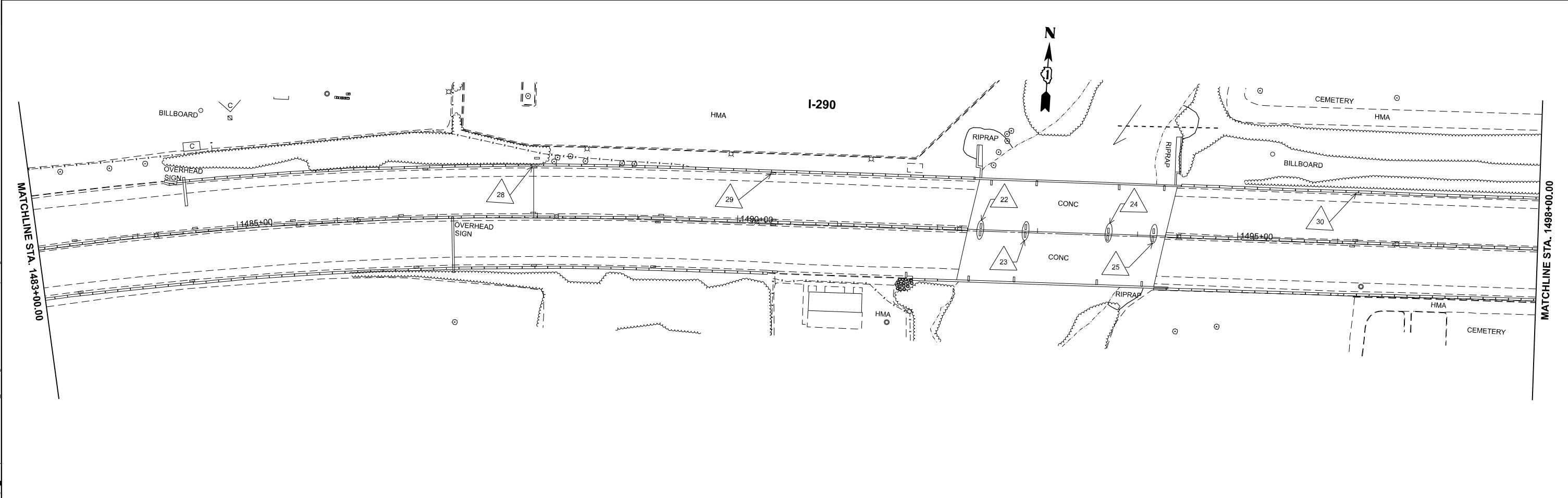
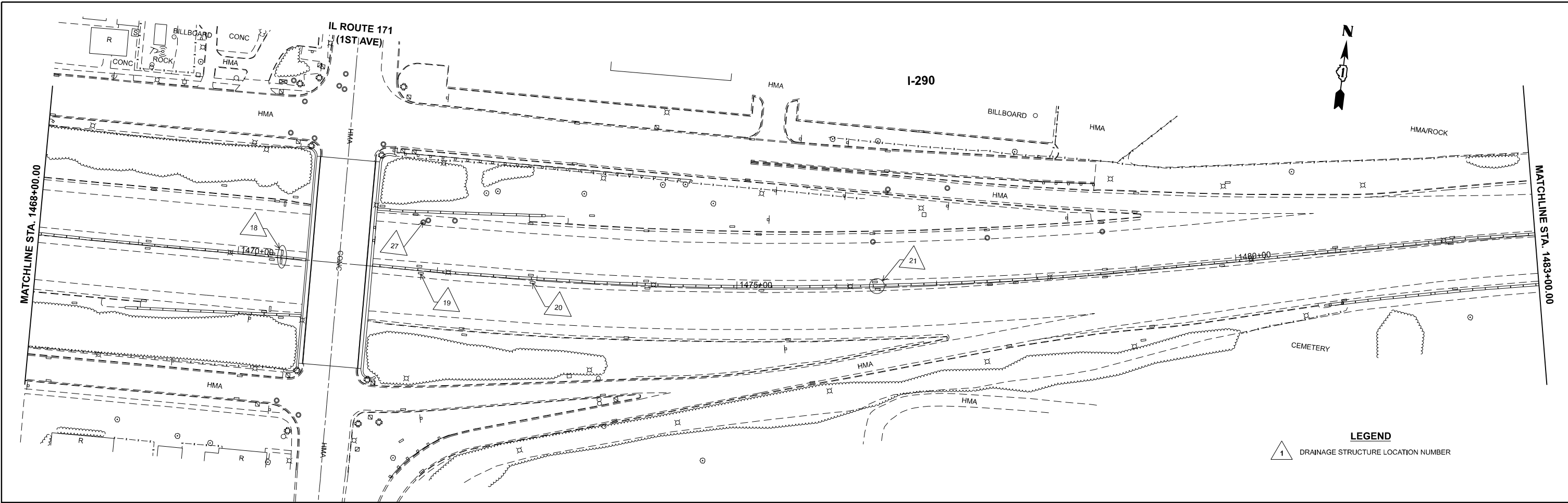
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PLOT DATE = 3/10/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN			
I-290 (US 12/20/45 (MANNHEIM RD) TO DES PLAINES RIVER)			
SCALE: 1"=50'	SHEET 5	OF 7 SHEETS	STA. 1438+00.00 TO STA. 1468+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2025-2022-DR	COOK	13	9
CONTRACT NO. 80B58				
ILLINOIS FED. AID PROJECT				



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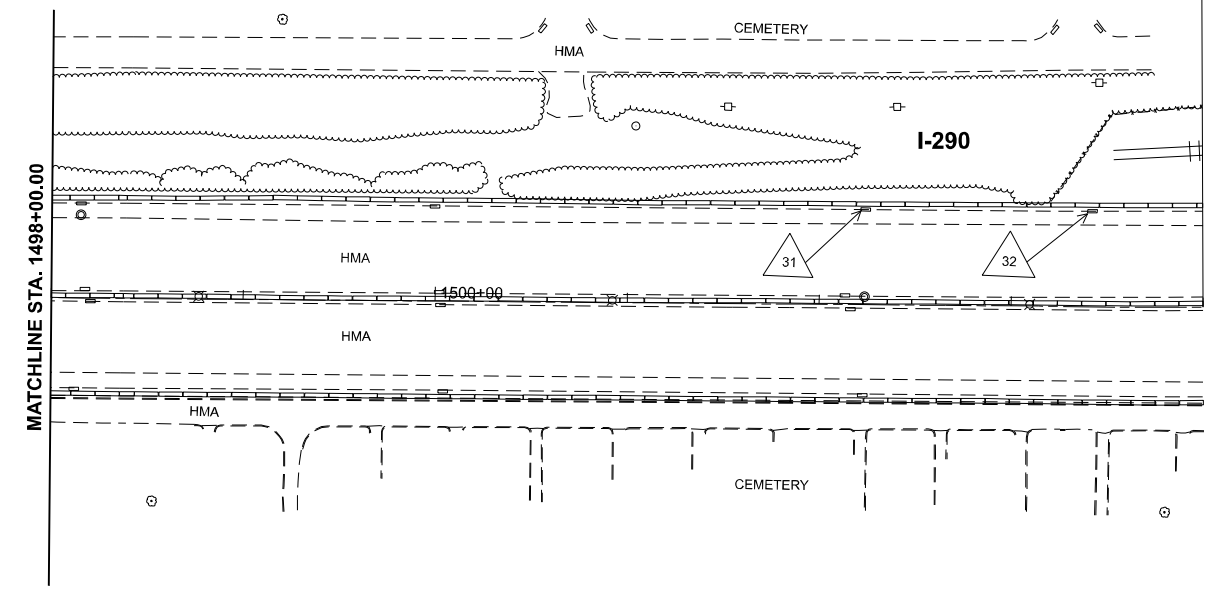
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PLOT DATE = 3/10/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-290 (US 12/20/45 (MANNHEIM RD) TO DES PLAINES RIVER)
 SCALE: 1"=50' SHEET 6 OF 7 SHEETS STA. 1468+00.00 TO STA. 1498+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2025-2022-DR	COOK	13	10
CONTRACT NO. 80B58				
ILLINOIS FED. AID PROJECT				

PROJECT ENDS:
STATION 1504



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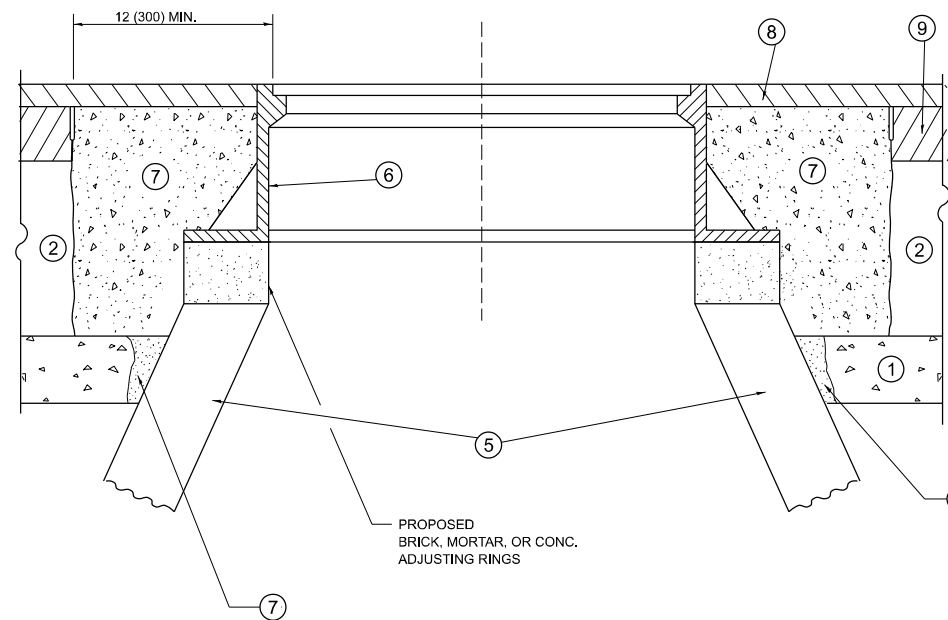
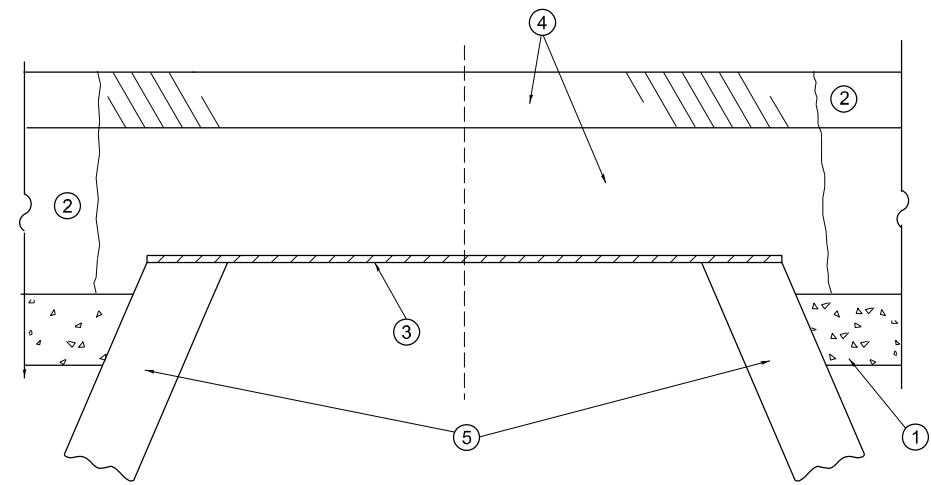
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PLOT DATE = 3/10/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
I-290 (US 12/20/45 (MANNHEIM RD) TO DES PLAINES RIVER)**

SCALE: 1"=50' SHEET 7 OF 7 SHEETS STA. 1498+00.00 TO STA. 1513+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2025-2022-DR	COOK	13	11
CONTRACT NO. 80B58				
ILLINOIS FED. AID PROJECT				



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

NOTES

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

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: BD08 (Sheet)
FILE NAME: c:\p\work\wv\murfah\kuaidl@illinois.gov\1200968\011826-shr-DistSigs.dgn

USER NAME = Murhaf,Kuaidl	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
	DRAWN -	REVISED - R. BORO 12-06-11
	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 2/25/2026	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

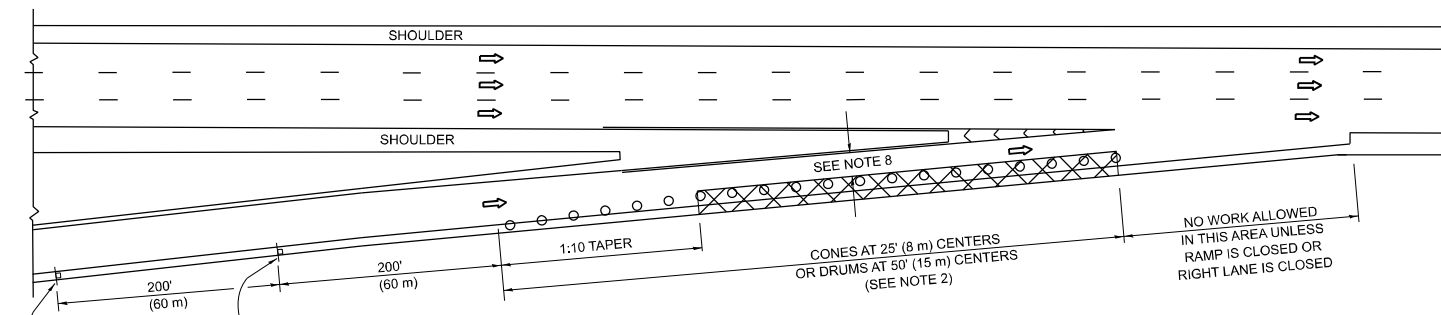
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

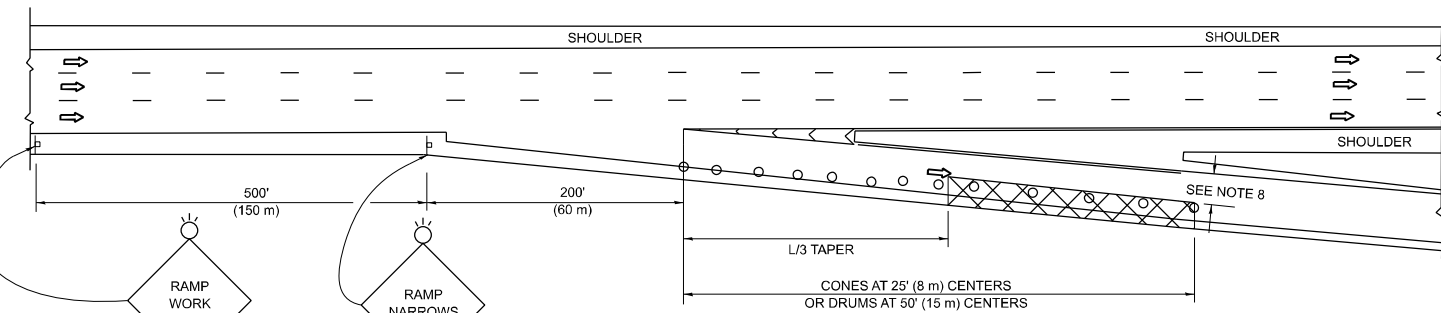
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD600-03 (BD-08)		CONTRACT NO. 80B58		
ILLINOIS FED. AID PROJECT				

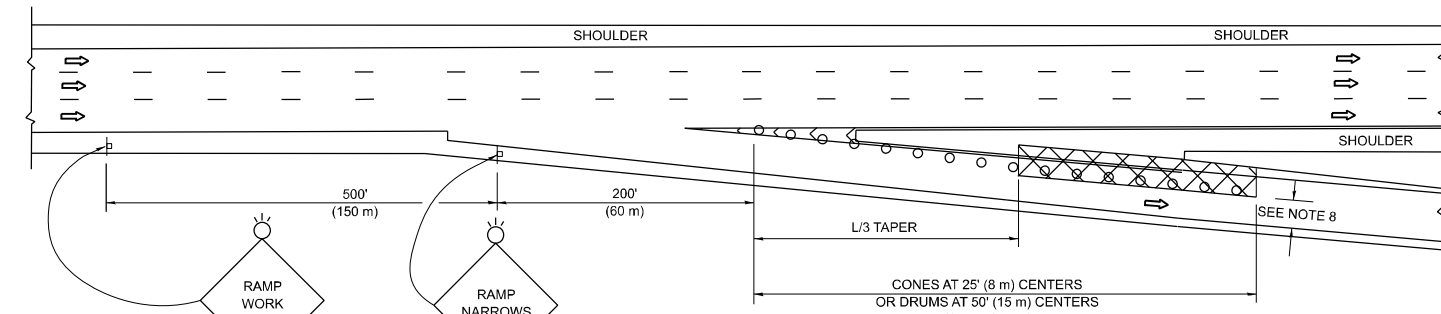
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

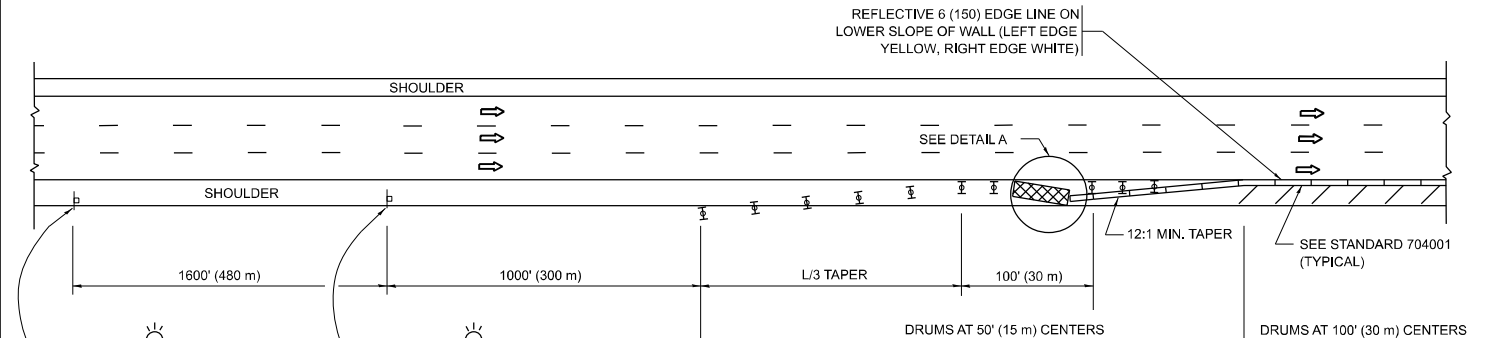
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

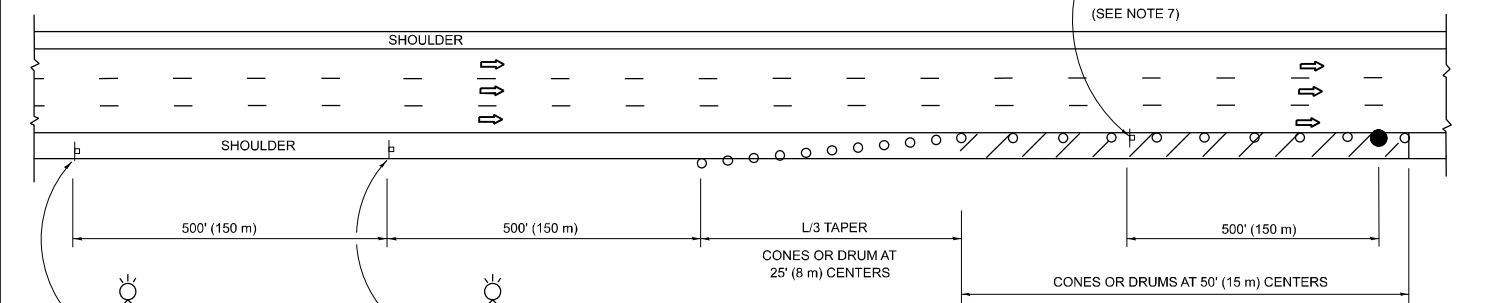
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h)	METRIC ENGLISH
OR GREATER:	$L=0.65(W)(S)$ $L=(W)(S)$
	W = WIDTH OF OFFSET IN FEET (METERS)
	S = NORMAL POSTED SPEED MPH (KMH)
2. TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

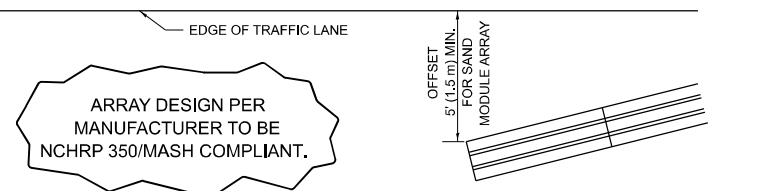


PERMANENT SHOULDER CLOSURE



TEMPORARY SHOULDER CLOSURE

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



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

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 b. THE WORK AVTIVITY REQUIRES FREQUENT ENCR OACHMENT 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.

MODEL: TC17 (Sheet)
 FILE NAME: c:\p\work\wv\wv\murhaf.kuaidi@illinois.gov\1200968\0101826-shr-DistSigs.dgn

USER NAME = Murhaf,Kuaidi	DESIGNED -	REVISED - M.D. 06-13
	DRAWN - D.W.S.	REVISED - M.D. 01-18
	CHECKED -	REVISED - M.D. 10-20
PLOT DATE = 2/25/2026	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**

SCALNONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2025-2022-DR	COOK	13	13
TC-17			CONTRACT NO. 80B58	
ILLINOIS FED. AID PROJECT				