

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

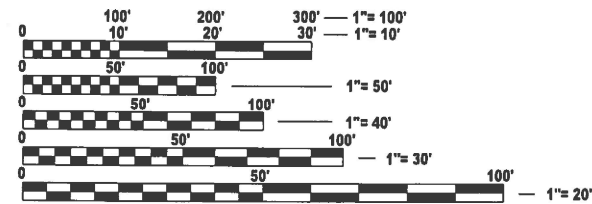
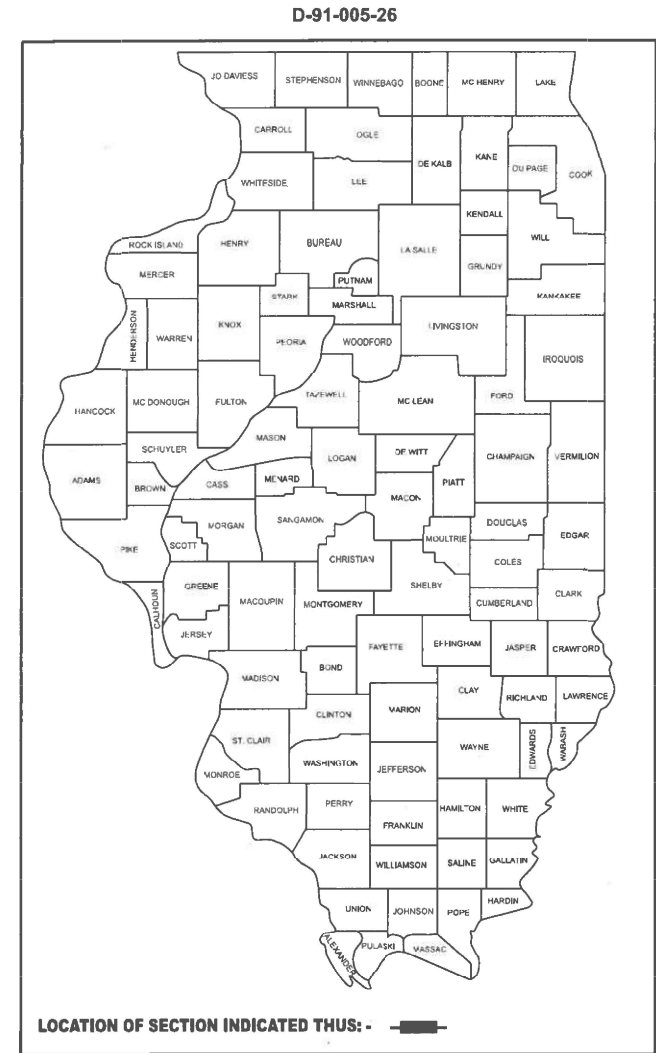
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	1
		ILLINOIS	CONTRACT NO. 80B42	
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**PROPOSED  
HIGHWAY PLANS**

**VARIOUS ROUTES  
SECTION: 2025-2020-I  
BARRIER WALL/BRIDGE PARAPET/NOISE WALL REPAIRS  
VARIOUS COUNTIES**

C-91-006-26



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

**FOR LOCATION MAP  
SEE LOCATION DETAIL SHEETS**

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

CONTRACT NO. 80B42

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 6 2026  
[Signature]  
REGIONAL ENGINEER

June 26, 2026  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 2026  
[Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

**GENERAL NOTES**

1. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO INSURE THAT NO DEBRIS WILL ENDANGER OR INTERFERE WITH TRAFFIC ON THE ROADWAY BENEATH THE BRIDGE ACCORDING TO ARTICLE 107.09 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPROPRIATE PAY ITEM INVOLVED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. CONCRETE SUPERSTRUCTURE SHALL HAVE MINIMUM SEVEN DAYS TO CURE.
3. EXISTING REINFORCEMENT BARS EXTENDING INTO THE ROADWAY AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.
4. PLAN DIMENTIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENTIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENT PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.
5. REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
6. JOINTS ARE TO BE INSTALLED TO MATCH EXISTING.
7. IF A GAP IN THE PARAPET IS TO OCCUR FOR ANY PERIOD OF TIME, A TEMPORARY RAILING MUST BE INSTALLED SO THAT AT NO TIME SHALL THERE BE AN OPENING IN ANY PORTION OF THE EXISTING SYSTEM. IF THE GAP IS IN A BARRIER WALL SECTION, TEMPORARY RAILING OR BARRELS SHALL BE USED AT THE DISCRETION OF THE ENGINEER.
8. THE CONTRACTOR SHALL SALVAGE AND RETURN THE EXISTING GUARDRAIL TO:  
DISTRICT BRIDGE OFFICE  
1101 BIESTERFIELD RD.  
ELK GROVE VILLAGE, IL 60007  
CONTACT 847-956-1444-1445
9. THIS WORK SHALL INCLUDE REMOVING, TRANSPORTING AND UNLOADING THE EXISTING CARRIER GUARDRAIL TO THE ABOVE YARD WHICH COST IS INCLUDED IN THE COST OF "CONCRETE REMOVAL".
10. THE CONTRACTOR SHALL SALVAGE AND RETURN THE EXISTING TEMPORARY BARRIER AND TEMPORARY IMPACT ATTENUATOR TO DAN RYAN MAINTENANCE YARD AT:  
DAN RYAN MAINTENANCE YARD  
6543 S WENTWORTH ST.  
CHICAGO, IL 60621
11. PLEASE COORDINATE WITH KEN BRANTLEY, YARD TECHNICIAN AT 773-873-3466-3467 DELIVERY BETWEEN THE HOURS OF 8 AM AND 2 PM CONTACT; MR. KENNETH BRANTLEY AT 773-873-3466.
12. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
13. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312)744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
14. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITIES OF CHICAGO, ELMHURST, ELGIN AND THE VILLAGES OF NORTHFIELD, HILLSIDE, LANSING, ADDISON, BELLWOOD, HINSDALE, CLAREDON HILLS, WHEELING, ALGONQUIN & PLAINFIELD.
15. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
16. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
17. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT: KALPANA.KANNAN-HOSADURGO@ILLINOIS.GOV (FOR ARTERIALS) AND CARLOS MUNOZ, THE DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT CARLOS.MUNOZ@ILLINOIS.GOV (FOR EXPRESSWAYS) A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
18. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE.
19. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
20. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
21. THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT "WWW.IDOTLCS.COM" TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.
22. THE "ARTERIAL ROAD INFORMATION SIGN (TC-22)" IS APPLICABLE ONLY TO ARTERIAL ROADS AND SHALL NOT BE APPLIED TO EXPRESSWAYS/TOLLWAYS.
23. ALL CONTRACTOR ACCESS STAGING AND MATERIAL STORAGE SHALL BE EXCLUSIVE TO THE IDOT ROW. USE OF ANY ADJACENT PRIVATE PROPERTY IS NOT PERMITTED. USE OF ADJACENT LOCAL ROADWAY ROW OR LOCAL MUNICIPAL PROPERTY IS NOT PERMITTED WITHOUT WRITTEN PERMISSION AND COORDINATION WITH SAID MUNICIPALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RESTORATION RESULTING FROM ACCESS COORDINATION OR OTHER ITEMS OF CONTRACTOR CONVENIENCE.

**INDEX OF SHEETS**

**STATE STANDARDS**

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION
1	COVER SHEET	000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
2	INDEX OF SHEET, STATE STANDARDS & GENERAL NOTES	637006-05	CONCRETE BARRIER 42" HEIGHT
3	SUMMARY OF QUANTITIES	701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
4	SCHEDULE OF QUANTITIES	701011-04	OFF ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
5	TYPICAL REPAIR FOR FULL DEPTH BARRIER WALL	701101-05	OFF-ROAD OPERATIONS, MULTILANE 15' TO 24" FROM PAVEMENT EDGE
6	TYPICAL REPAIR FOR HALF DEPTH BARRIER WALL	701106-02	OFF ROAD OPERATIONS, MULTILANE. MORE THAN 15 FT AWAY
7	TYPICAL BRIDGE PARAPET REPAIR DETAILS	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
8	BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS	701400-09	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
9	LOCATION 1: I-94 NB RIGHT SHOULDER 200FT SOUTH OF WINNETKA RD.	701401-13	LANE CLOSURE, FREEWAY / EXPRESSWAY
10	LOCATION 2: PALATINE ROAD AT BURNING BUSH DR.	701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
11	LOCATION 3: US-20 ABOUT 0.9 MILES EAST OF IL-25 (LIBERTY ST.)	701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEED >45 MPH TO 55 MPH
12	LOCATION 4: I-290 EB WEST OF WOLF RD.	701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS >45 MPH
13	LOCATION 5: I-90/94 NEAR 28TH ST.	701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS < 40 MPH
14	LOCATION 6: I-84 NB MEDIAN ABOUT 0.10 MILES WEST OF MATIN LUTHER KING DR.	701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY / EXPRESSWAY
14	LOCATION 7: I-94 NB JUST SOUTH OF 100TH ST.	701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
14	LOCATION 8: I-94 NB ABOUT 20' EAST OF COTTAGE GROVE	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
14	LOCATION 9: I-94 SB ABOUT 130' EAST OF COTTAGE GROVE	701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
15	LOCATION 10: I-290 WB AT INDIANA ST.	701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
15	LOCATION 11: I-290 WB NEAR US-20 WB FLYOVER	701901-11	TRAFFIC CONTROL DEVICES
16	LOCATION 12: I-290 EB ABOUT 340' WEST OF MILL RD.		
17	LOCATION 13: US-20 APPX. 0.3 MILES WEST OF IL-31		
18-20	LOCATION 14: I-90/94 NB RAMP TO I-55 WB (SN: 016-1115)		
21-23	LOCATION 15: I-90/94 SB LOCALS JUST PAST PIER A14 (SN: 016-1067)		
24-26	LOCATION 16: I-90/94 NB LOCALS OVER SB CHINATOWN FEEDER (SN: 016-1118)		
27-28	LOCATION 17: I-290 WB EAST OF IL-56 (BUTTERFIELD RD.)		
29-30	LOCATION 18: I-290 WB EAST OF LINDEN AVE.		
31-32	LOCATION 19: I-80/94 EB ABOUT 0.10 MILES EAST OF TORRENCE AVE.		
33-34	LOCATION 20: I-80/94 WB ABOUT 0.13 MILES WEST OF WENTWORTH AVE.		
35-36	LOCATION 21: I-80/94 EB&WB ABOUT 100' WEST OF STATE LINE RD.		
37-38	LOCATION 22: IL-83 SB ABOUT 0.75 MILES NORTH OF IL-64		
39-40	LOCATION 23: IL-83 NB ABOUT 0.15 MILES NORTH OF US-34 (OGDEN AVE.)		
39-40	LOCATION 24: IL-83 NB ABOUT 0.17 MILES NORTH OF US-34 (OGDEN AVE.)		
39-40	LOCATION 25: IL-83 NB ABOUT 0.30 MILES SOUTH OF US-34 (OGDEN AVE.)		
39-40	LOCATION 26: IL-83 NB ABOUT 0.35 MILES SOUTH OF US-34 (OGDEN AVE.)		
39-40	LOCATION 27: IL-83 NB NEAR BURLINGTON AVE./RAILROAD		
41	LOCATION 28: IL-83 NB ABOUT 0.50 MILES SOUTH OF 55TH ST.		
42-43	LOCATION 29: IL-31 ABOUT 0.40 MILES SOUTH OF IL-62 (ALGONQUIN RD.)		
44-45	LOCATION 30: I-290 EB ABOUT 0.15 MILES WEST OF EMROY AVE.		
46-47	LOCATION 31: I-55 NB AT W. TAYLOR RD.		
48	FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)		
49	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE (TC-09)		
50	TRAFFIC CONTROL AND PROTECTION FOR SIDE INTERSECTIONS AND DRIVEWAYS (TC-10)		
51	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)		
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES**

SCALE: SHEET OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	2
			CONTRACT NO. 80B42	
ILLINOIS, FED. AID PROJECT				

SUMMARY OF QUANTITIES					TYPE CODE						
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
					ROADWAY	ROADWAY	ROADWAY				
					100% STATE	LOC 28 100% STATE MCHD 1-0001525	LOC 29 100% STATE MCHD 836838				
Code No.	Item	Unit	Total Quantity	0013	0013	0013					
44213200	SAW CUTS	FOOT	109.5	109.5							
44213202	TIE BARS 1"	EACH	144.0	144.0							
50102400	CONCRETE REMOVAL	CU YD	31.4	31.4							
50300225	CONCRETE STRUCTURES	CU YD	28.1	28.1							
50300255	CONCRETE SUPERSTRUCTURE	CU YD	3.3	3.3							
50300300	PROTECTIVE COAT	SQ YD	127.5	127.5							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	292	292							
50800530	MECHANICAL SPLICERS	EACH	56	56							
67100100	MOBILIZATION	L SUM	1	0.92	0.04	0.04					
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1							
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	0.76	0.12	0.12					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1							
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1			1					
70102624	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	EACH	1	1							
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1							
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	228	228							
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	375	375							
X0326791	NOISE ABATEMENT WALL REPAIRS	L SUM	1	0.86	0.07	0.07					
X6700407	ENGINEER'S FIELD OFFICE, TYPEA (D1)	CAL MO	12	12							
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1							
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1							

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	3
CONTRACT NO. 80B42				

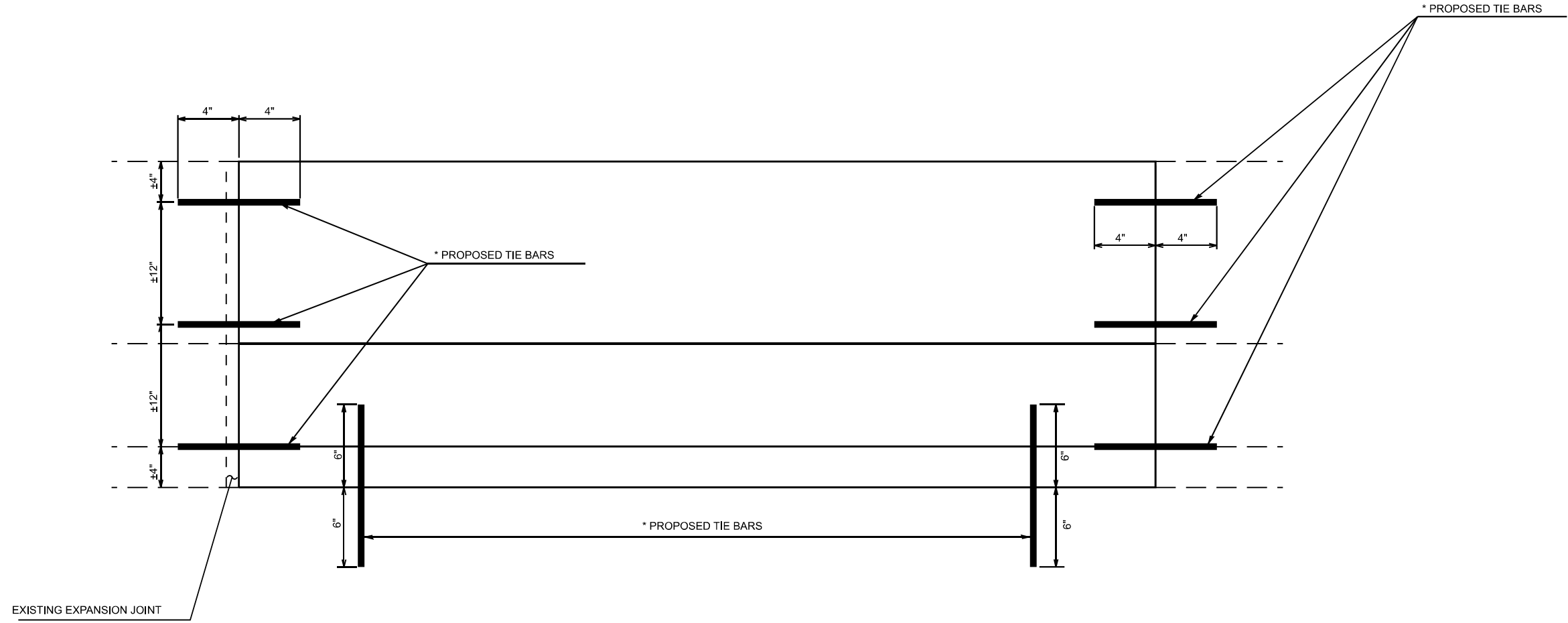
LOCATION NO.	LOCATION DETAILS	COUNTY	MUNICIPALITY	STRUCTURE NO.	TYPE OF REPAIR	SAW CUTS		CONCRETE REMOVAL	CONCRETE STRUCTURE	CONCRETE SUPERSTRUCTURE	PROTECTIVE COAT	REINFORCEMENT BARS, EPOXY COATED	MECHANICAL SPLICERS	MOBILIZATION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	NIGHTTIME WORK ZONE LIGHTING	PINNING TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	NOISE ABATEMENT WALL REPAIRS	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	RAILROAD PROTECTIVE LIABILITY INSURANCE
						FOOT	EACH																		
1	I-94 NB RIGHT SHOULDER 200FT SOUTH OF WINNETKA RD.	COOK	NORTHFIELD	N/A	SHOULDER BARRIER WALL	5	11	1.1	1.1		4.5			0.03						0.05				0.04	
2	PALATINE ROAD AT BURNING BUSH DR.	COOK	WHEELING	N/A	MEDIAN BARRIER WALL	7	11	1.2	1.2		8			0.03	0.1										
3	US-20 ABOUT 0.9 MILES EAST OF IL-25 (LIBERTY ST.)	COOK	ELGIN	N/A	MEDIAN BARRIER WALL	5.5	15	2.2	2.2		14			0.03	0.1										
4	I-290 EB 0.25 MILES WEST OF WOLF RD.	COOK	HILLSDALE	N/A	SHOULDER BARRIER WALL	5	10	0.75	0.75		3			0.03						0.05				0.04	
5	I-90/94 NEAR 28TH ST.	COOK	CHICAGO	N/A	MEDIAN BARRIER WALL	8								0.03						0.05	228	375		0.04	
6	I-94 NB MEDIAN ABOUT 0.10 MILES WEST OF MATIN LUTHER KING DR.	COOK	CHICAGO	N/A	MEDIAN BARRIER WALL									0.03						0.05				0.04	
7	I-94 NB JUST SOUTH OF 100TH ST.	COOK	CHICAGO	N/A	MEDIAN BARRIER WALL	23	50	6.9	6.9		24			0.03						0.05				0.05	
8	I-94 NB ABOUT 20' EAST OF COTTAGE GROVE	COOK	CHICAGO	N/A	MEDIAN BARRIER WALL									0.03						0.05				0.05	
9	I-94 SB ABOUT 130' EAST OF COTTAGE GROVE	COOK	CHICAGO	N/A	MEDIAN BARRIER WALL									0.03						0.05				0.05	
10	I-290 WB AT INDIANA ST.	DUPAGE	ELMHURST	N/A	MEDIAN BARRIER WALL	26	26	13.5	13.5		36			0.03						0.05				0.05	
11	I-290 WB NEAR US-20 WB FLYOVER	DUPAGE	ELMHURST	N/A	MEDIAN BARRIER WALL									0.03						0.05				0.05	
12	I-290 EB ABOUT 340' WEST OF MILL RD.	DUPAGE	ADDISON	N/A	MEDIAN BARRIER WALL	7.5	8	1	1		2.5			0.03						0.05				0.05	
13	US-20 APPX. 0.3 MILES WEST OF IL-31	KANE	ELGIN	N/A	MEDIAN BARRIER WALL	5.5	13	1.5	1.5		9.5			0.03	0.1										
14	I-90/94 NB RAMP TO I-55 WB	COOK	CHICAGO	016-1115	PARAPET WALL	7		1.4		1.4	10	153	24	0.03						0.05				0.05	
15	I-90/94 SB LOCALS JUST PAST PIER A14	COOK	CHICAGO	016-1067	PARAPET WALL	5		1.25		1.25	11	96	16	0.03						0.05				0.05	
16	I-90/94 NB LOCALS OVER SB CHINATOWN FEEDER	COOK	CHICAGO	016-1118	PARAPET WALL	5		0.6		0.6	5	43	16	0.03						0.05				0.05	1
17	I-290 WB EAST OF IL-56 (BUTTERFIELD RD.)	COOK	HILLSDALE	N/A	NOISE WALL									0.03						0.05			0.06	0.05	
18	I-290 WB ABOUT 280' EAST OF LINDEN AVE.	COOK	BELLWOOD	N/A	NOISE WALL									0.03						0.05			0.06	0.05	
19	I-80/94 EB ABOUT 0.10 MILES EAST OF TORRENCE AVE.	COOK	LANSING	N/A	NOISE WALL									0.03						0.05			0.06	0.05	
20	I-80/94 WB ABOUT 0.13 MILES WEST OF WENTWORTH AVE.	COOK	LANSING	N/A	NOISE WALL									0.03						0.05			0.06	0.05	
21	I-80/94 EB & WB ABOUT 100' WEST OF STATE LINE RD.	COOK	LANSING	N/A	NOISE WALL DOOR REPAIR									0.03						0.05			0.06	0.05	
22	IL-83 SB ABOUT 0.75 MILES NORTH OF IL-64	DUPAGE	ELMHURST	N/A	NOISE WALL									0.03	0.1	1	1	1					0.07		
23	IL-83 NB ABOUT 0.15 MILES NORTH OF US-34 (OGDEN AVE.)	DUPAGE	HINSDALE	N/A	NOISE WALL									0.03	0.1								0.07		
24	IL-83 NB ABOUT 0.17 MILES NORTH OF US-34 (OGDEN AVE.)	DUPAGE	HINSDALE	N/A	NOISE WALL									0.03	0.1								0.07		
25	IL-83 NB ABOUT 0.30 MILES OF US-34 (OGDEN AVE.)	DUPAGE	CLAREDON HILLS	N/A	NOISE WALL									0.04	0.1								0.07		
26	IL-83 NB ABOUT 0.35 MILES OF US-34 (OGDEN AVE.)	DUPAGE	CLAREDON HILLS	N/A	NOISE WALL									0.04	0.1								0.07		
27	IL-83 NB NEAR BURLINGTON AVE./RAILROAD	DUPAGE	HINSDALE	N/A	NOISE WALL									0.04	0.1								0.07		
28	IL-83 NB ABOUT 0.50 MILES OF 55TH ST.	DUPAGE	CLAREDON HILLS	N/A	NOISE WALL									0.04	0.1								0.07		
29	IL-31 ABOUT 0.40 MILES SOUTH OF IL-62 (ALGONQUIN RD.)	MCHENRY	ALGONQUIN	N/A	NOISE WALL									0.04				1					0.07		
30	I-290 EB ABOUT 0.15 MILES EAST OF EMROY AVE.	DUPAGE	ELMHURST	N/A	NOISE WALL									0.04						0.05			0.07	0.05	
31	I-55 NB AT W. TAYLOR RD.	WILL	PLAINFIELD	N/A	NOISE WALL									0.04						0.05			0.07	0.05	

<b>TOTAL</b>	109.5	144.0	31.4	28.1	3.3	127.5	292.0	56.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	228.0	375.0	1.0	1.0	1.0
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USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES										F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE:	SHEET	OF	1	SHEETS	STA. 0+00.00	TO STA.	0+00.00	VARIOUS	2025-2020-I	VARIOUS	52	4		
	CHECKED -	REVISED -												CONTRACT NO. 80B42				
PLOT DATE = 6/15/2026	DATE -	REVISED -												ILLINOIS FED. AID PROJECT				

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\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



**FULL DEPTH REPAIR**

**NOTE:**

ALL BARRIER WALL REPAIR SHALL BE COMPLETED IN ACCORDANCE WITH STATE STANDARD 637006-05 AND SECTION 637 OF THE STANDARD SPECIFICATIONS AND AS SHOWN ON THE PLANS. ALL PROPOSED DOWEL BARS AND TIE BARS SHALL BE DRILLED AND GROUTED IN PLACE. REINFORCEMENT SHALL BE INCLUDED AS SHOWN IN STANDARD 637006-03 AND DESCRIBED IN SECTION 637 OF THE STANDARD SPECIFICATIONS EXCEPT WHEN A REINFORCEMENT CAGE IS ENCOUNTERED. IN SUCH A CASE, THE CONTRACTOR SHALL REMOVE THE DAMAGED PORTIONS OF THE CAGE AND SHALL REPLACE IT WITH BARS OF THE SAME SIZE AND SPACING. THE SCOPE OF REPAIR AT EACH LOCATION SHALL BE AS SHOWN ON THE PLANS AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

\* USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATIONS, FOR ALL TIE BARS.

MODEL: Barrier Wall Full Repair Detail (Sheet)  
FILE NAME: c:\p\work\view\hassan\1210119.D\100626-sh-schedule.dgn

USER NAME = navved,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 6/16/2026	DATE -	REVISED -

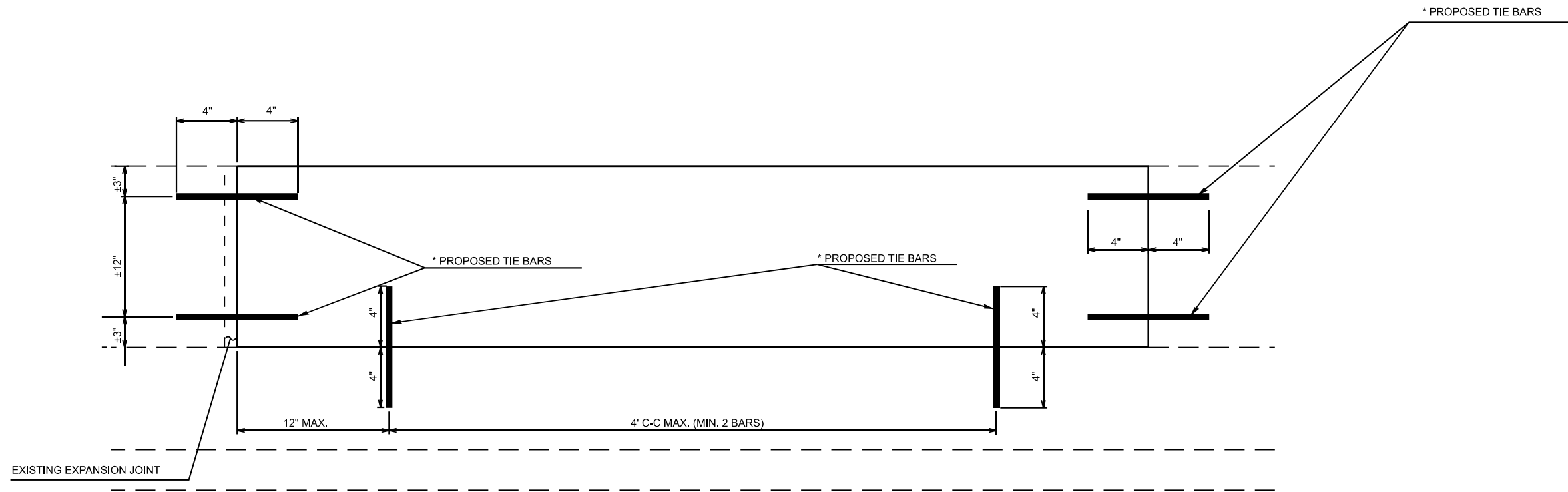
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL REPAIR OF FULL DEPTH (BARRIER WALL)**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	5
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				

\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



### HALF DEPTH REPAIR

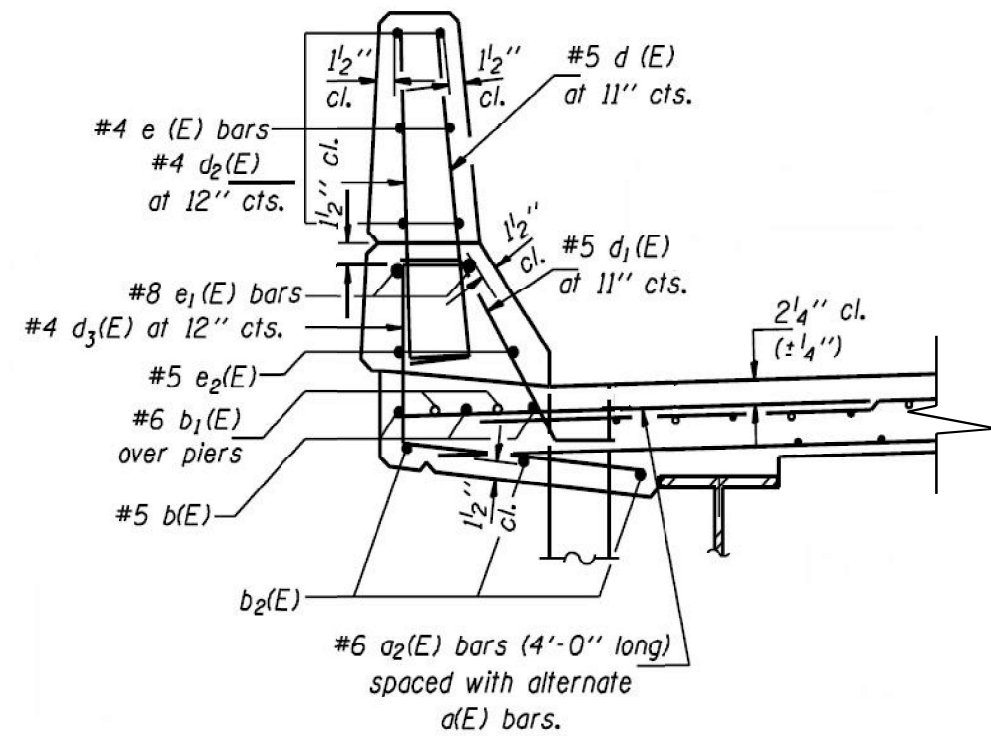
**NOTE:**

ALL BARRIER WALL REPAIR SHALL BE COMPLETED IN ACCORDANCE WITH STATE STANDARD 637006-05 AND SECTION 637 OF THE STANDARD SPECIFICATIONS AND AS SHOWN ON THE PLANS. ALL PROPOSED DOWEL BARS AND TIE BARS SHALL BE DRILLED AND GROUTED IN PLACE. REINFORCEMENT SHALL BE INCLUDED AS SHOWN IN STANDARD 637006-03 AND DESCRIBED IN SECTION 637 OF THE STANDARD SPECIFICATIONS EXCEPT WHEN A REINFORCEMENT CAGE IS ENCOUNTERED. IN SUCH A CASE, THE CONTRACTOR SHALL REMOVE THE DAMAGED PORTIONS OF THE CAGE AND SHALL REPLACE IT WITH BARS OF THE SAME SIZE AND SPACING. THE SCOPE OF REPAIR AT EACH LOCATION SHALL BE AS SHOWN ON THE PLANS AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

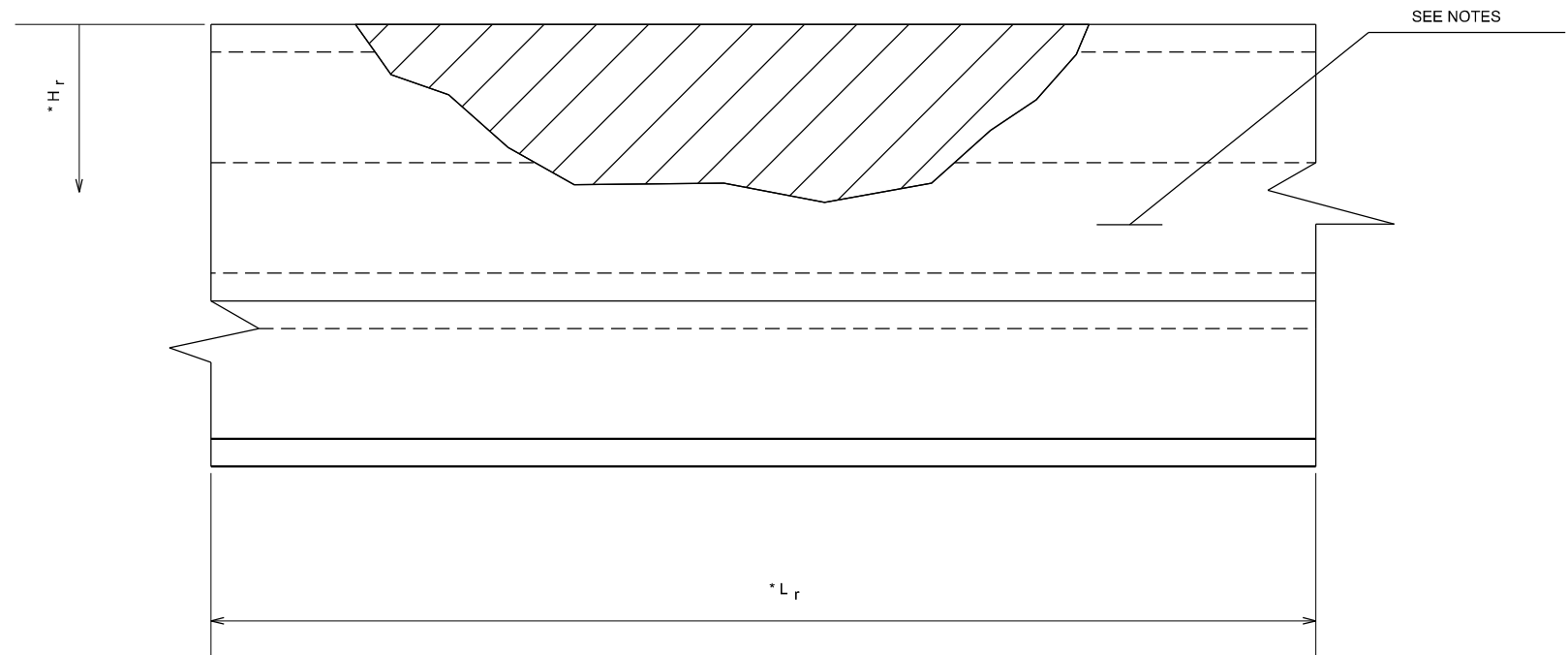
\* USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATIONS, FOR ALL TIE BARS.

MODEL: Barrier Wall Partial Repair Detail [Sheet]  
FILE NAME: c:\p\work\revision\hassan\1210119\100626-shh-schedule.dgn

	USER NAME = naveed.hassan	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL REPAIR OF HALF DEPTH (BARRIER WALL)</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			VAR	2025-2020-I	VARIOUS	52	6
		CHECKED -	REVISED -			CONTRACT NO. 80B42				
		DATE -	REVISED -		SCALE:	SHEET 2 OF 4 SHEETS		STA.	TO STA.	
						ILLINOIS FED. AID PROJECT * COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				



**SECTION THRU PARAPET**



**FRONT FACE OF PARAPET**

**NOTE:**

CONCRETE REMOVAL SHALL EXTEND A MINIMUM OF 6" PAST DAMAGE OR TO JOINT IF WITHIN 2'-0".

EXISTING BARS TO BE CLEANED, STRAIGHTENED AND INCORPORATED IN NEW CONSTRUCTION.

IF EXISTING VERTICAL REBAR IS MISSING, BARS d(E) AND d<sup>2</sup>(E) SHALL BE STRAIGHTENED AND EPOXY GROUTED INTO EXISTING CONCRETE 9" DEEP. COST SHALL BE INCLUDED IN "CONCRETE REMOVAL".

BARS TO BE EPOXY GROUTED ACCORDING TO ART. 584 OF THE STANDARD SPECIFICATIONS.

\* H<sub>r</sub> AND L<sub>r</sub> INDICATE DIMENSIONS FOR CONCRETE REMOVAL, PERIMETERS OF CONCRETE REMOVAL AREAS SHALL BE SAW CUT 1/2" PRIOR TO REMOVAL OF CONCRETE.

MODEL: Parapet Well Repair Detail [Sheet]  
FILE NAME: c:\p\work\wdr\hassan\1210119\100626-sht-schedule.dgn

USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

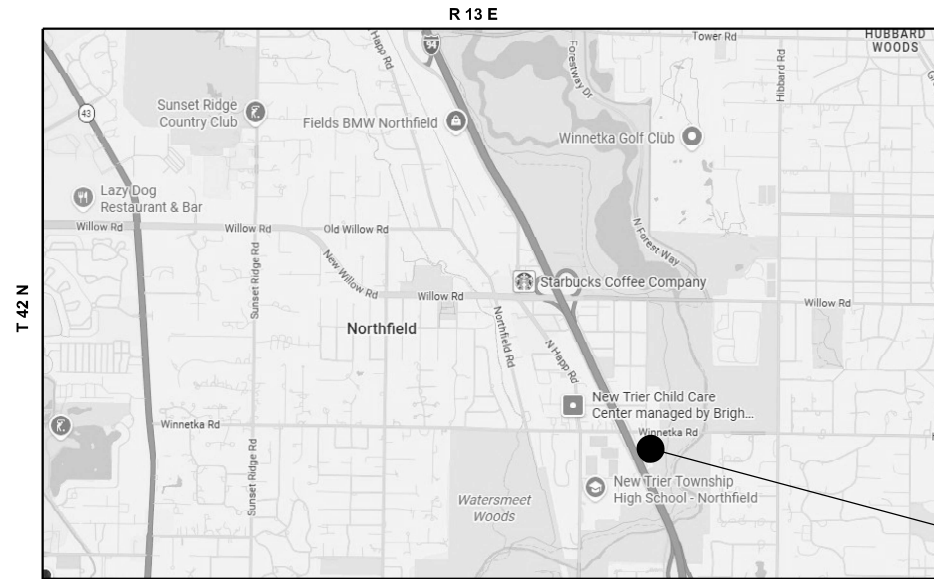
**TYPICAL BRIDGE PARAPET REPAIR DETAILS**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	7
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL





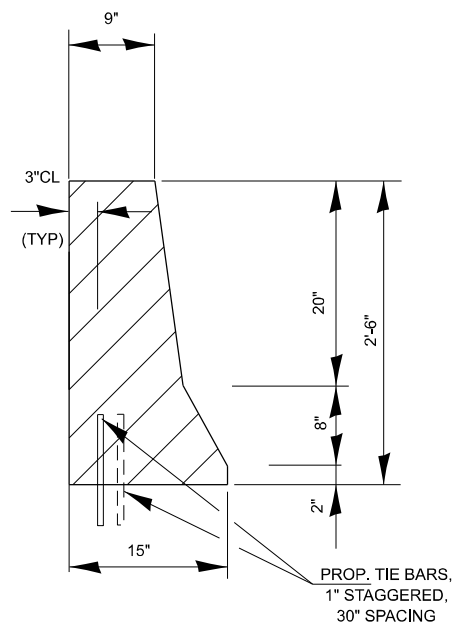
**TRAFFIC DATA**  
 I-94  
 2025 ADT = 120700  
 SPEED LIMIT = 55 MPH

**LOCATION 1**  
**I-94 NB RIGHT SHOULDER 200FT SOUTH OF WINNETKA RD.**

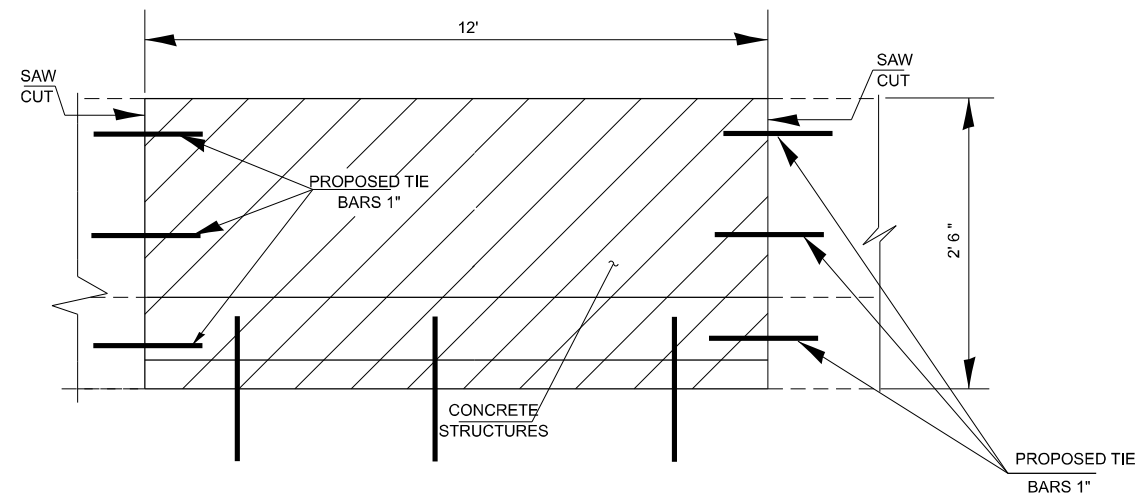


**LOCATION 1**  
**I-290 E.B. APPX. 225' WEST OF KEELER AVE.**  
**FULL DEPTH BARRIER WALL REPAIR**  
**REPLACE 12 FT OF SHOULDER BARRIER WALL**

**VILLAGE OF NORTHFIELD**  
**NEW TRIER TOWNSHIP**  
**COOK COUNTY**  
**LOCATION 1 COORDINATES: 42.093852 N, -87.762547 W**



**SECTION THRU BARRIER WALL**



**ELEVATION**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	1.1
CONCRETE STRUCTURES	CU. YDS	1.1
TIE BARS	EACH	11
SAW CUT	FOOT	5
PROTECTIVE COAT	SQ. YDS	4.5

MODEL: Location 1 (Sheet)  
 FILE NAME: c:\p\work\p\hassan\1210119\100626-shh-plan.dgn

USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

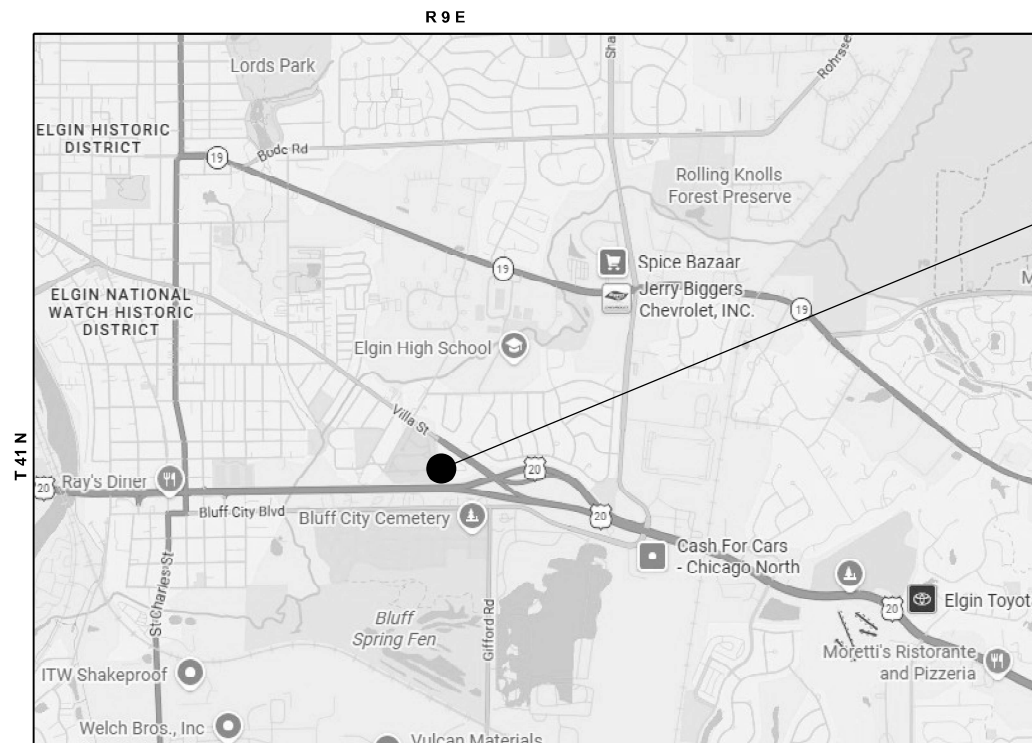
**LOCATION 1**  
**I-94 NB RIGHT SHOULDER 200FT SOUTH OF WINNETKA RD.**

SCALE: SHEET 1 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	9
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL





**LOCATION 3**  
**US-20 ABOUT 0.9 MILES EAST**  
**OF IL-25 (LIBERTY ST.)**

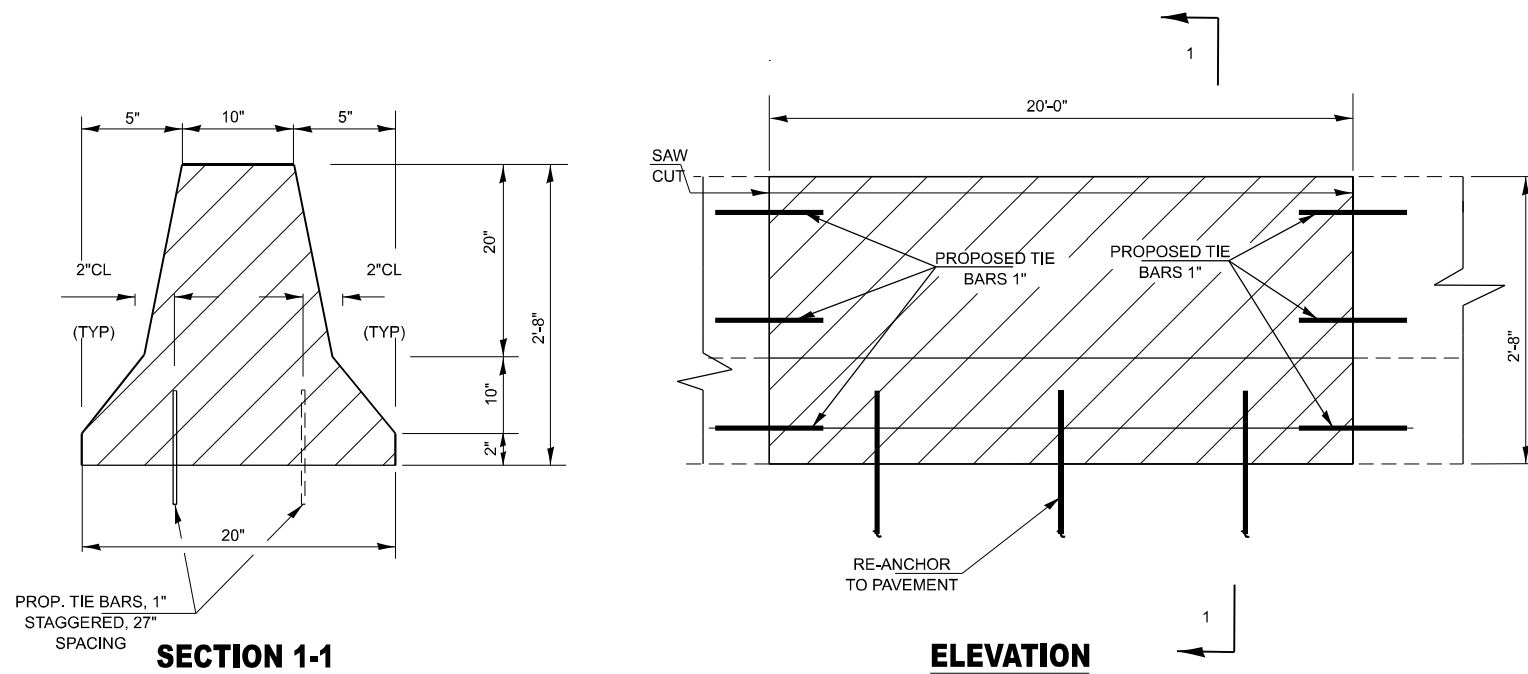
**TRAFFIC DATA**

US-20  
 2025 ADT = 37400  
 SPEED LIMIT = 55 MPH



**LOCATION 3**  
**US-20 ABOUT 0.9 MILES EAST OF IL-25 (LIBERTY ST.)**  
**FULL DEPTH BARRIER WALL REPAIR**  
**REPLACE 20 FT OF MEDIAN BARRIER WALL**

**CITY OF ELGIN**  
**HANOVER TOWNSHIP**  
**COOK COUNTY**  
**LOCATION 3 COORDINATES: 41.020431 N, -88.250313 W**



**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	2.2
CONCRETE STRUCTURES	CU. YDS	2.2
TIE BARS	EACH	15
SAW CUT	FOOT	5.5
PROTECTIVE COAT	SQ. YDS	14

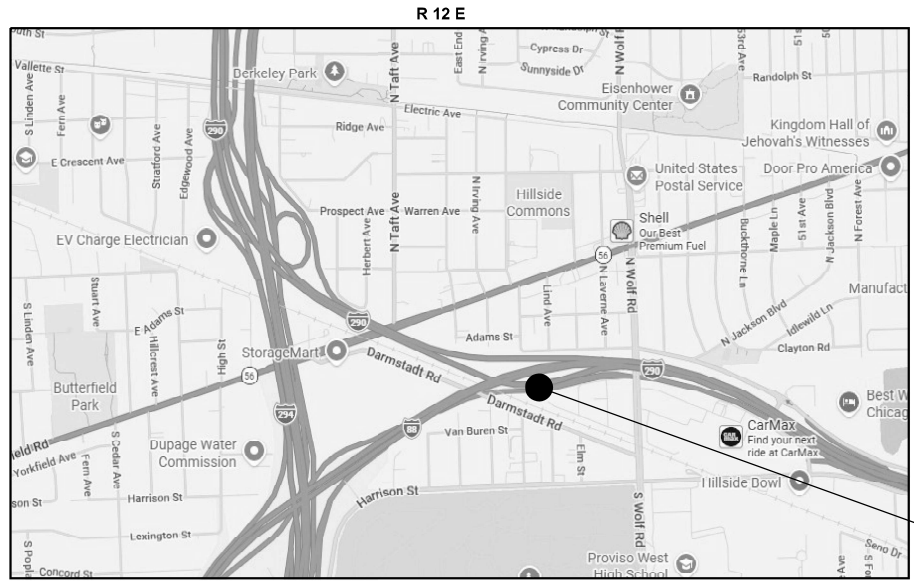
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PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 3</b>		
<b>US-20 ABOUT 0.9 MILES EAST OF IL-25 (LIBERTY ST.)</b>		
SCALE:	SHEET 3 OF 39 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	11
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				



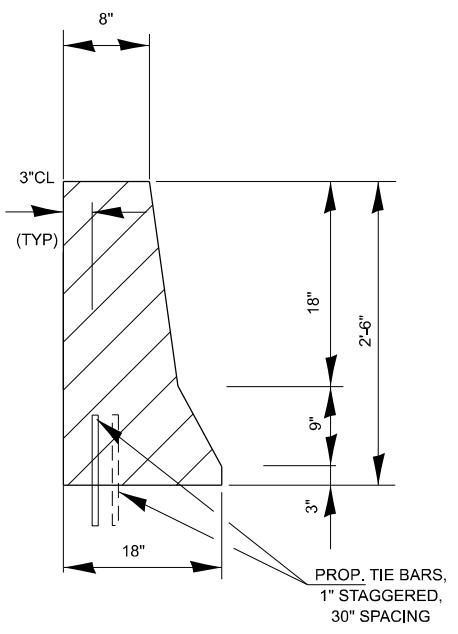
**TRAFFIC DATA**  
 I-290  
 2025 ADT = 80700  
 SPEED LIMIT = 55 MPH

**LOCATION 4**  
**I-290 EB 0.25 MILES WEST OF WOLF RD.**

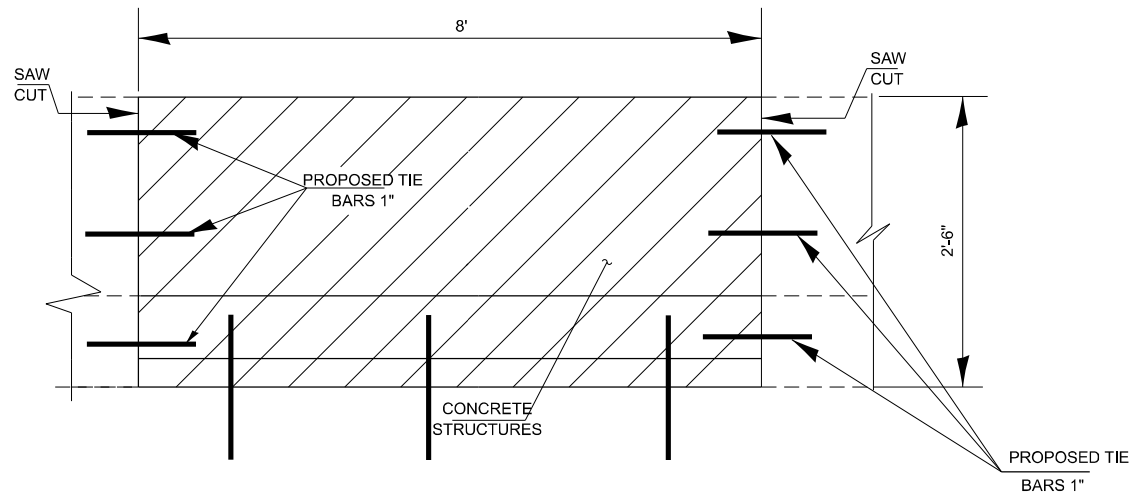


**LOCATION 4**  
**I-290 E.B. 0.25 MILES WEST OF WOLF ROAD**  
**FULL DEPTH BARRIER WALL REPAIR**  
**REPLACE 8 FT OF SHOULDER BARRIER WALL**

**VILLAGE OF HILLSIDE**  
**PROVISO TOWNSHIP**  
**COOK COUNTY**  
**LOCATION 4 COORDINATES: 41.873025 N, -87.906875 W**



**SECTION THRU BARRIER WALL**



**ELEVATION**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	0.75
CONCRETE STRUCTURES	CU. YDS	0.75
TIE BARS	EACH	10
SAW CUT	FOOT	5
PROTECTIVE COAT	SQ. YDS	3

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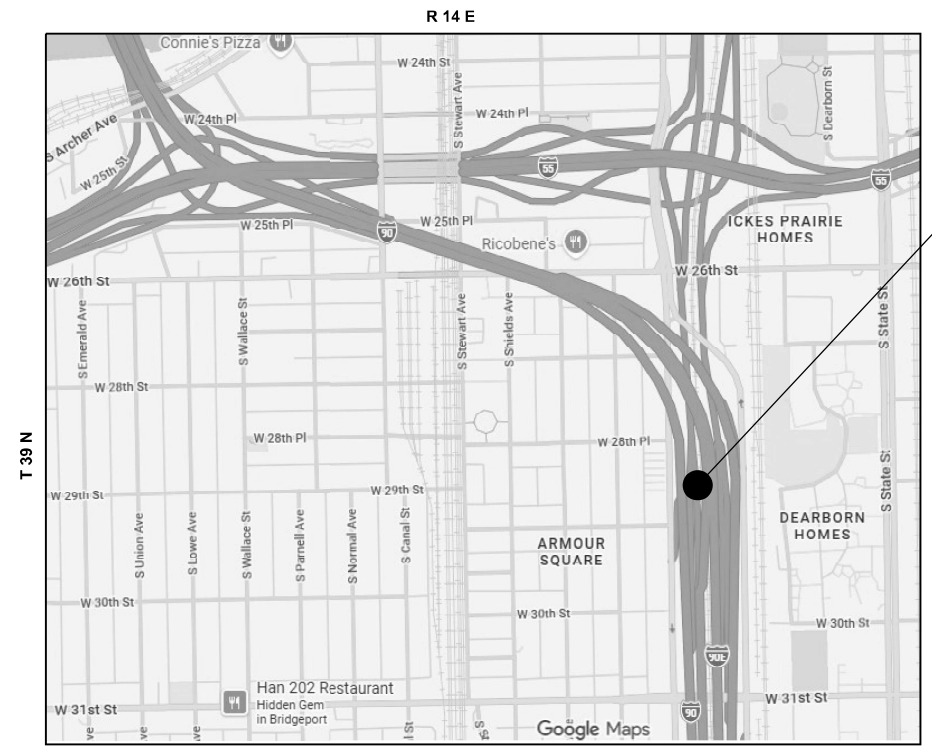
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PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 4</b>			
<b>I-290 EB 0.25 MILES WEST OF WOLF RD.</b>			
SCALE:	SHEET 4	OF 39 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	12
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



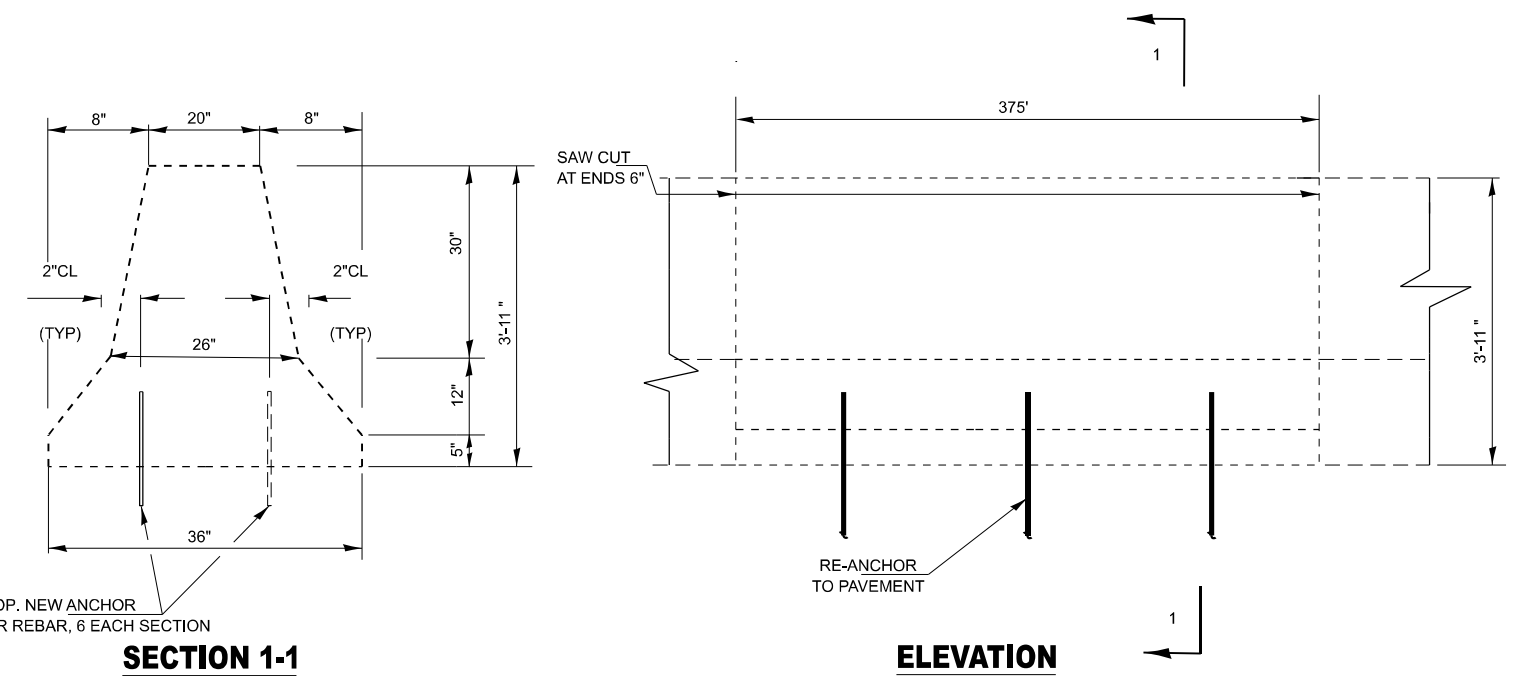
**LOCATION 5**  
**I-90/94 NEAR 28TH ST.**

**TRAFFIC DATA**  
I-90  
2025 ADT = 256900  
SPEED LIMIT = 45 MPH

**CITY OF CHICAGO**  
**COOK COUNTY**  
**LOCATION 5 COORDINATES: 41.841608 N, -87.630847 W**



**LOCATION 5**  
**I-90 / 94 NEAR 28TH ST.**  
**FULL DEPTH BARRIER WALL REPAIR**  
**RESET PRECAST WALL SECTIONS WITH NEW ANCHORS**  
**TRIM END SECTIONS BY 6" AT ENDS**



**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	375
SAW CUT	FOOT	8
PINNING TEMPORARY CONCRETE BARRIER	EACH	228

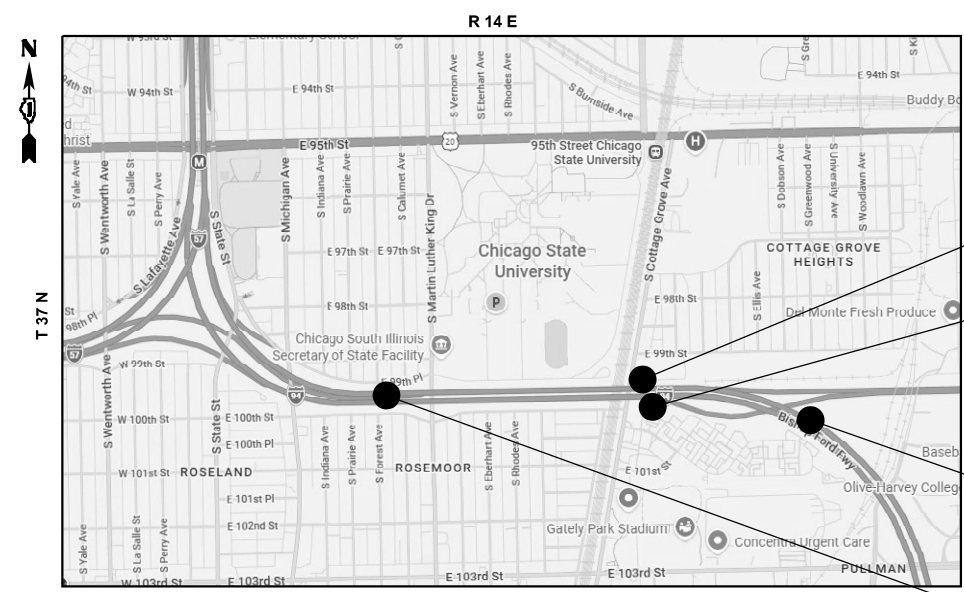
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	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 5</b>			
<b>I-90/94 NEAR 28TH ST.</b>			
SCALE:	SHEET 5	OF 39 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	13
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				



**TRAFFIC DATA**  
 I-94  
 2025 ADT = 154700  
 SPEED LIMIT = 55 MPH

**LOCATION 8: I-94 NB ABOUT 20' EAST OF COTTAGE GROVE**

**LOCATION 9: I-94 SB ABOUT 130' EAST OF COTTAGE GROVE**

**LOCATION 7: I-94 NB JUST SOUTH OF 100TH ST.**

**LOCATION 6: I-94 NB MEDIAN ABOUT 0.10 MILES WEST OF MATIN LUTHER KING DR.**

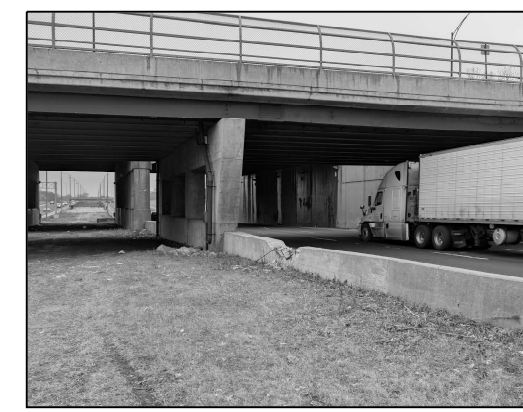
**CITY OF CHICAGO  
 COOK COUNTY**  
**LOCATION 6 COORDINATES: 41.713218 N, -87.615585 W**  
**LOCATION 7 COORDINATES: 41.712680 N, -87.597660 W**  
**LOCATION 8 COORDINATES: 41.713514 N, -87.604957 W**  
**LOCATION 9 COORDINATES: 41.713398 N, -87.604561 W**



**LOCATION 6**  
 I-94 NB MEDIAN ABOUT 0.10 MILES WEST OF MATIN LUTHER KING DR.  
 REPLACE 23 FT OF SHOULDER BARRIER WALL



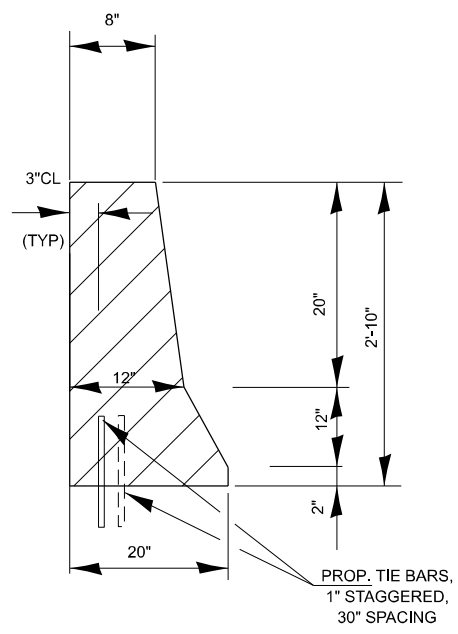
**LOCATION 7**  
 I-94 NB JUST SOUTH OF 100TH ST.  
 REPLACE 23 FT OF SHOULDER BARRIER WALL



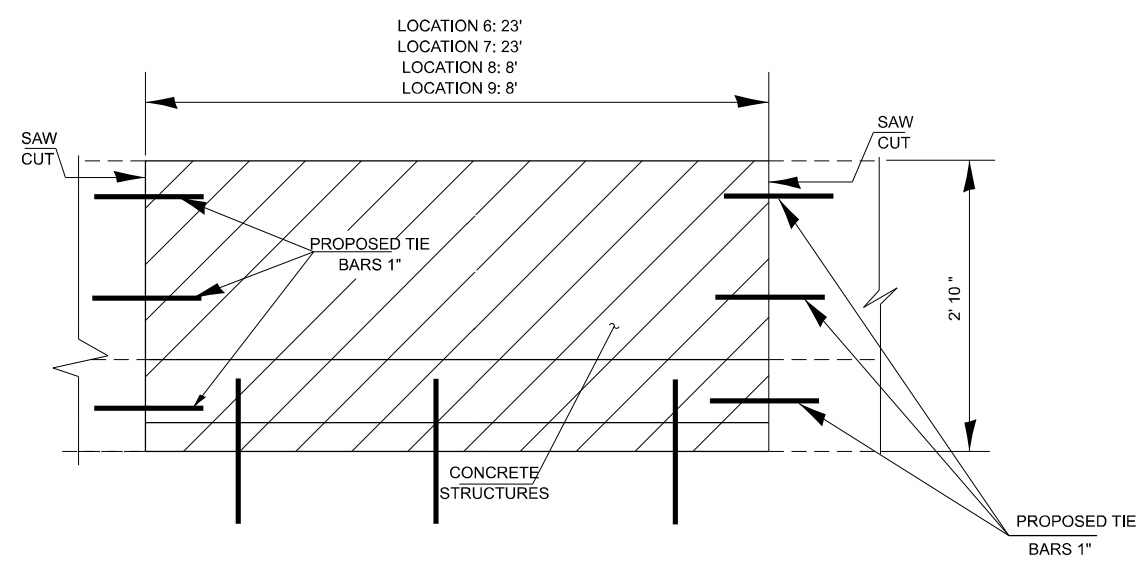
**LOCATION 8**  
 I-94 NB ABOUT 20' EAST OF COTTAGE GROVE  
 REPLACE 8 FT OF SHOULDER BARRIER WALL



**LOCATION 9**  
 I-94 SB ABOUT 130' EAST OF COTTAGE GROVE  
 REPLACE 8 FT OF SHOULDER BARRIER WALL



**SECTION THRU BARRIER WALL**



**ELEVATION**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	6.9
CONCRETE STRUCTURES	CU. YDS	6.9
TIE BARS	EACH	50
SAW CUT	FOOT	23
PROTECTIVE COAT	SQ. YDS	24

MODEL: Location 7 (Sheet)  
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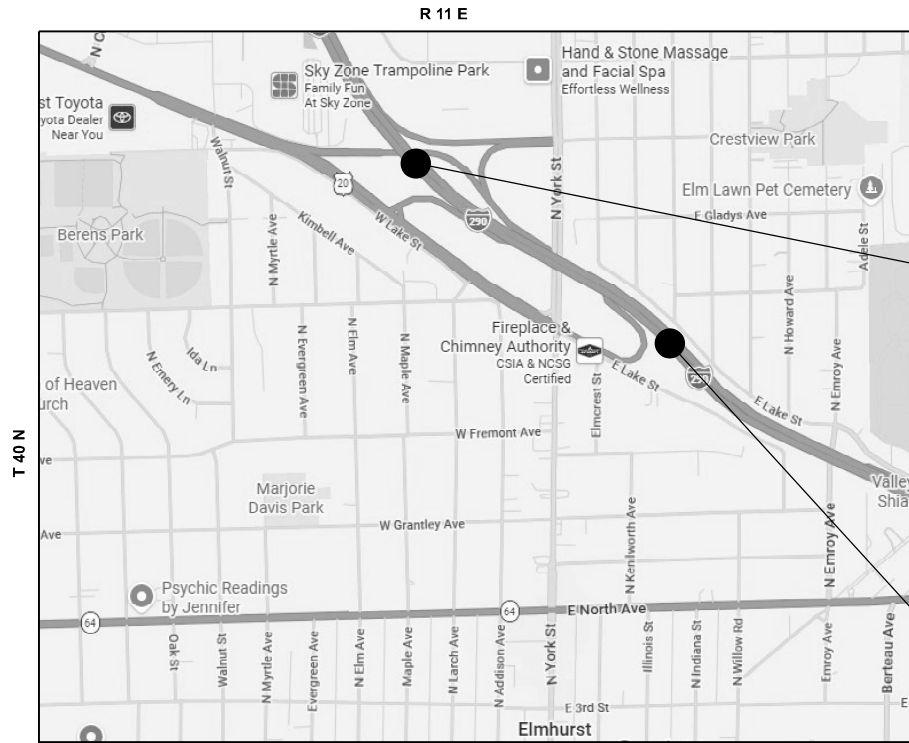
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LOCATION 6, 7, 8, & 9  
 VARIOUS AT VARIOUS**

SCALE: SHEET 6 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	14
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT * COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				



**LOCATION 11: I-290 WB NEAR US-20 WB FLYOVER**

**TRAFFIC DATA**  
 I-290  
 2022 ADT = 126900  
 SPEED LIMIT = 55 MPH

**LOCATION 10: I-290 WB AT INDIANA ST.**

**CITY OF ELMHURST  
 ADDISON TOWNSHIP  
 DUPAGE COUNTY**  
**LOCATION 10 COORDINATES: 41.912074 N, -87.935594 W**  
**LOCATION 11 COORDINATES: 41.916692, -87.944145 W**



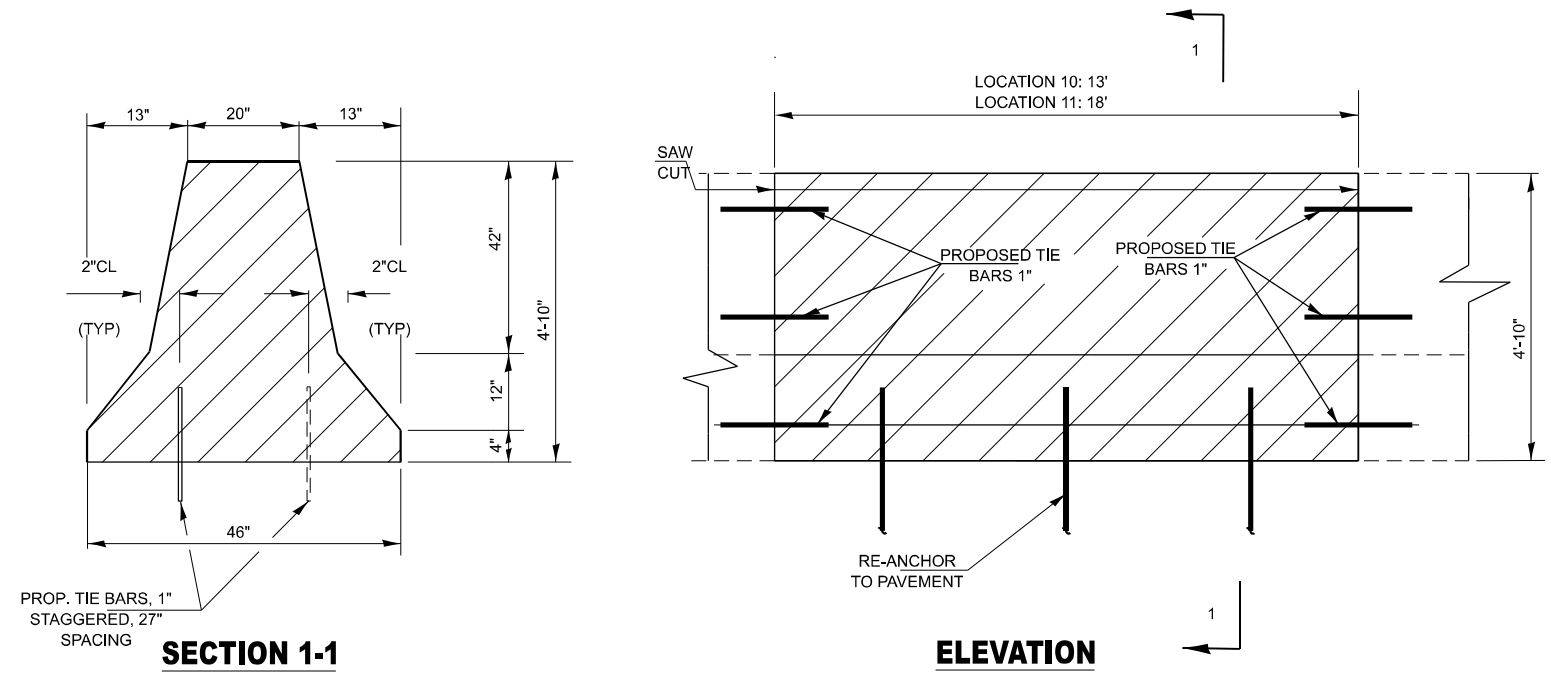
**LOCATION 10  
 I-290 WB AT INDIANA ST.  
 REPLACE 13 FT OF MEDIAN BARRIER WALL**



**LOCATION 11  
 I-290 WB NEAR US-20 WB FLYOVER  
 REPLACE 18 FT OF MEDIAN BARRIER WALL**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	13.5
CONCRETE STRUCTURES	CU. YDS	13.5
TIE BARS	EACH	26
SAW CUT	FOOT	26
PROTECTIVE COAT	SQ. YDS	36



MODEL: Location 11 (Sheet)  
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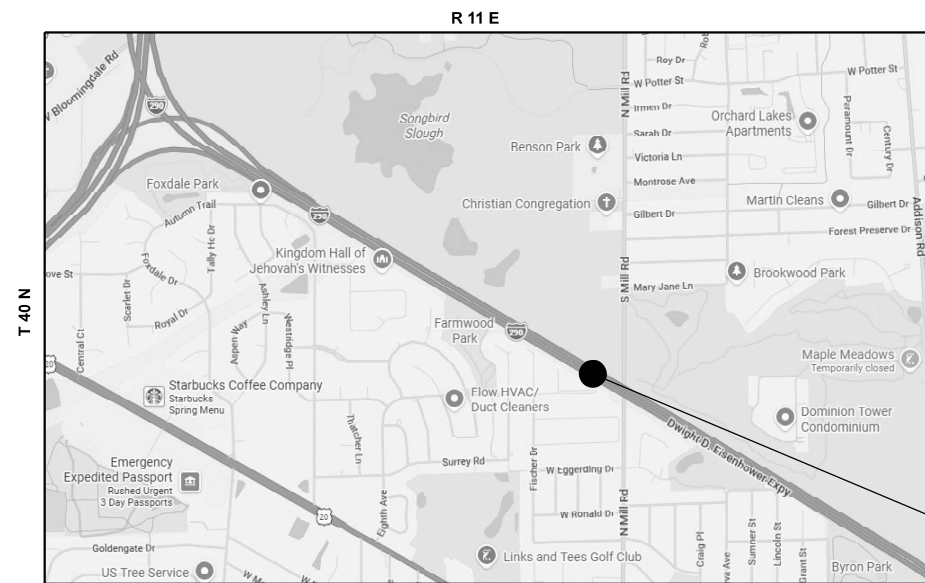
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LOCATION 10 & 11  
 VARIOUS AT VARIOUS**

SCALE: SHEET 7 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	15
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



**TRAFFIC DATA**  
 I-290  
 2025 ADT = 129600  
 SPEED LIMIT = 55 MPH

**LOCATION 12**  
**I-290 E.B. APPX. 340' WEST OF MILL ROAD**

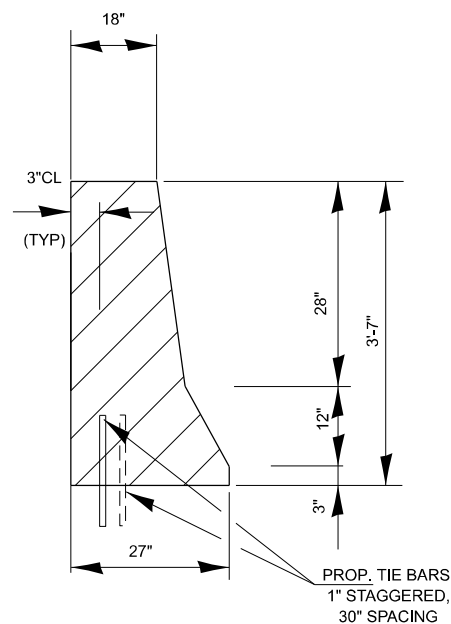


**LOCATION 12**  
**I-290 EB ABOUT 340' WEST OF MILL RD.**  
**REPLACE 4 FT OF SHOULDER BARRIER WALL**

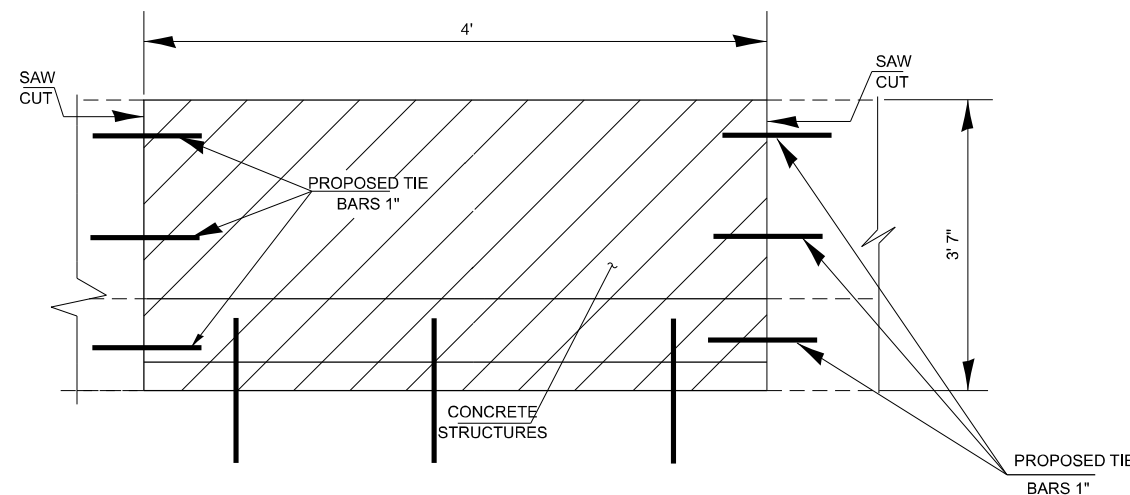
**VILLAGE OF ADDISON**  
**ADDISON TOWNSHIP**  
**DUPAGE COUNTY**  
**LOCATION 12 COORDINATES: 41.949312 N, -88.004408 W**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	1.0
CONCRETE STRUCTURES	CU. YDS	1.0
TIE BARS	EACH	8
SAW CUT	FOOT	7.5
PROTECTIVE COAT	SQ. YDS	2.5



**SECTION THRU BARRIER WALL**



**ELEVATION**

MODEL: Location 13 (Sheet)  
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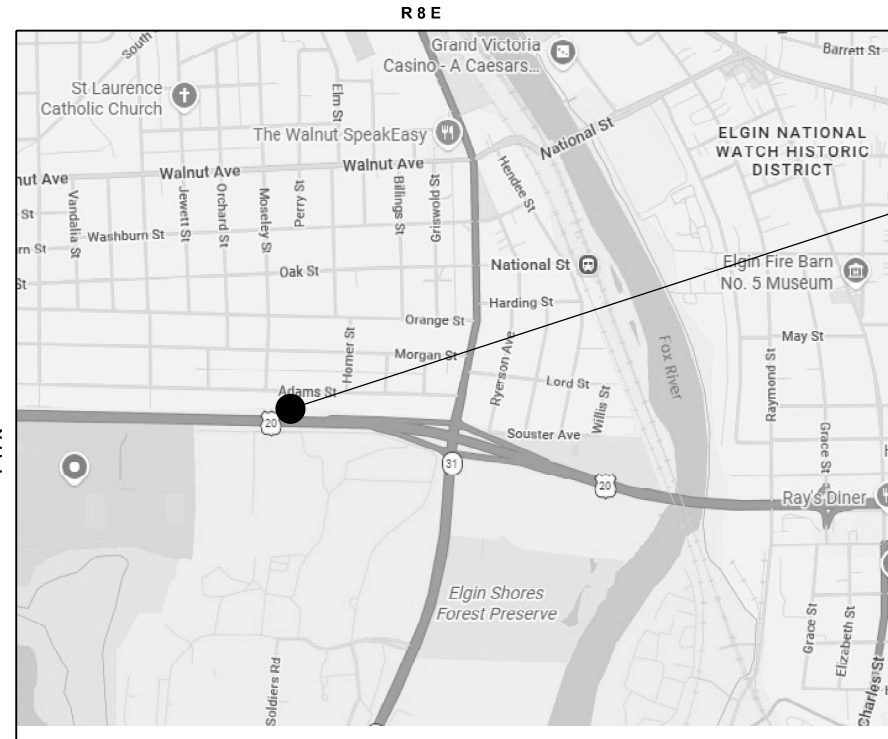
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	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LOCATION 12**  
**I-290 EB ABOUT 340' WEST OF MILL RD.**  
 SCALE: SHEET 8 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	16
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



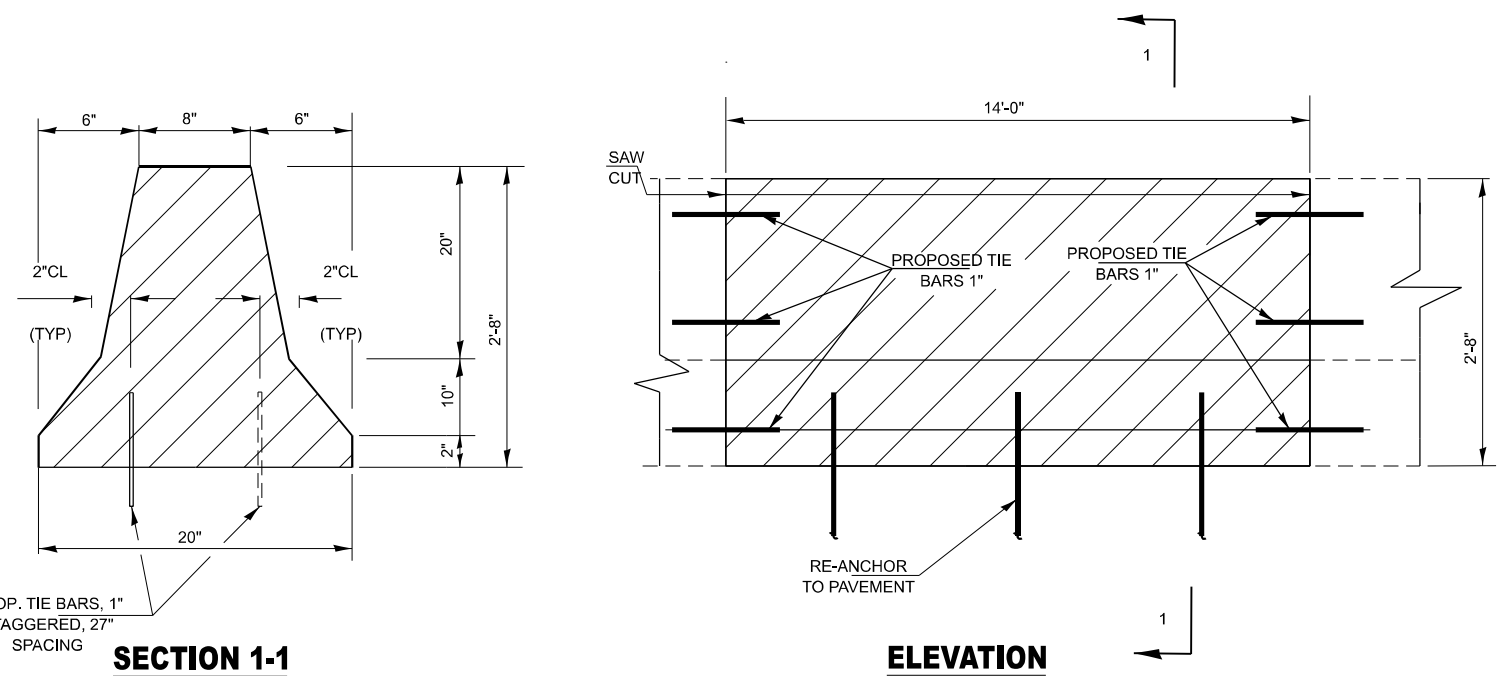
**LOCATION 13**  
**US-20 APPX. 0.3 MILES WEST OF IL-31**

**TRAFFIC DATA**  
 US-200  
 2023 ADT = 46000  
 SPEED LIMIT = 55 MPH



**LOCATION 13**  
**US-20 APPX. 0.3 MILES WEST OF IL-31**  
**REPLACE 14 FT OF MEDIAN BARRIER WALL**

**CITY OF ELGIN**  
**ELGIN TOWNSHIP**  
**KANE COUNTY**  
**LOCATION 13 COORDINATES: 42.022364 N, -88.289292 W**



**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	1.5
CONCRETE STRUCTURES	CU. YDS	1.5
TIE BARS	EACH	13
SAW CUT	FOOT	5.5
PROTECTIVE COAT	SQ. YDS	9.5

MODEL: Location 13 (Sheet)  
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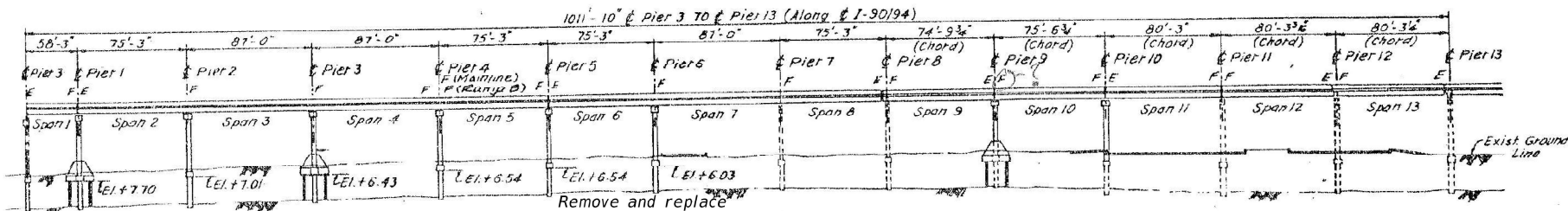
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/14/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

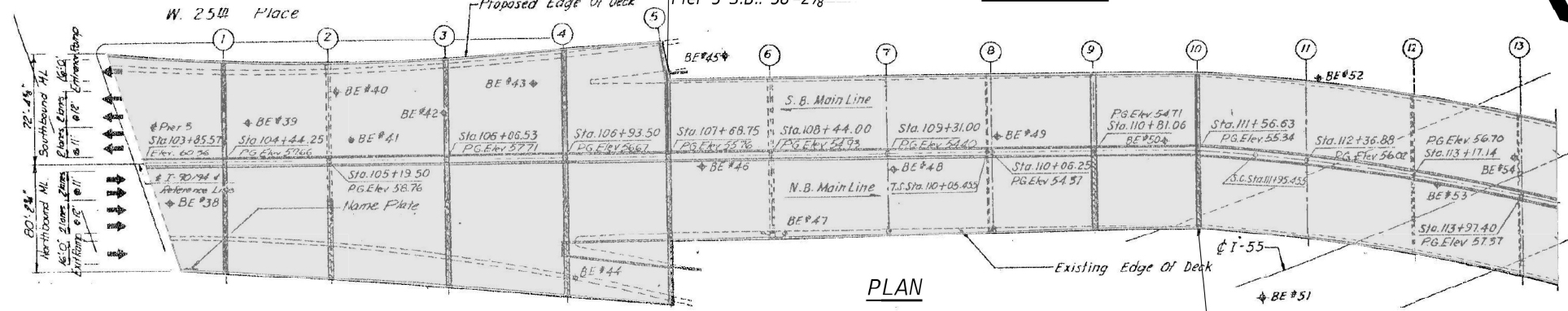
<b>LOCATION 13</b>			
<b>US-20 APPX. 0.3 MILES WEST OF IL-31</b>			
SCALE:	SHEET 9	OF 39 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	17
CONTRACT NO. 80B42				

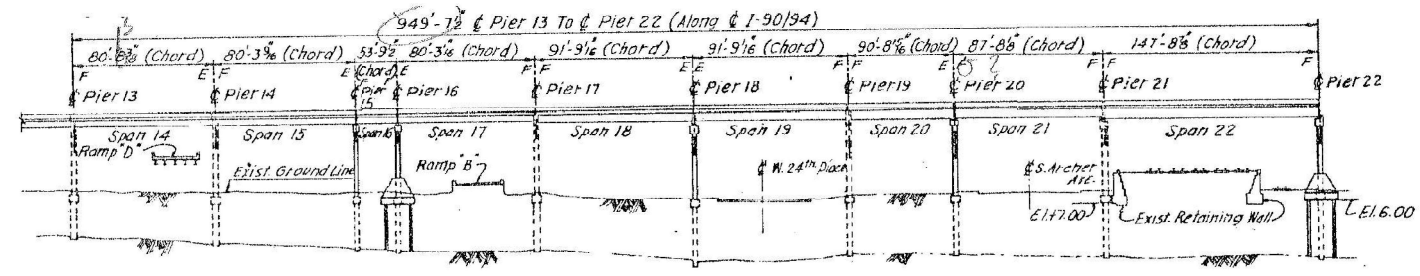
ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



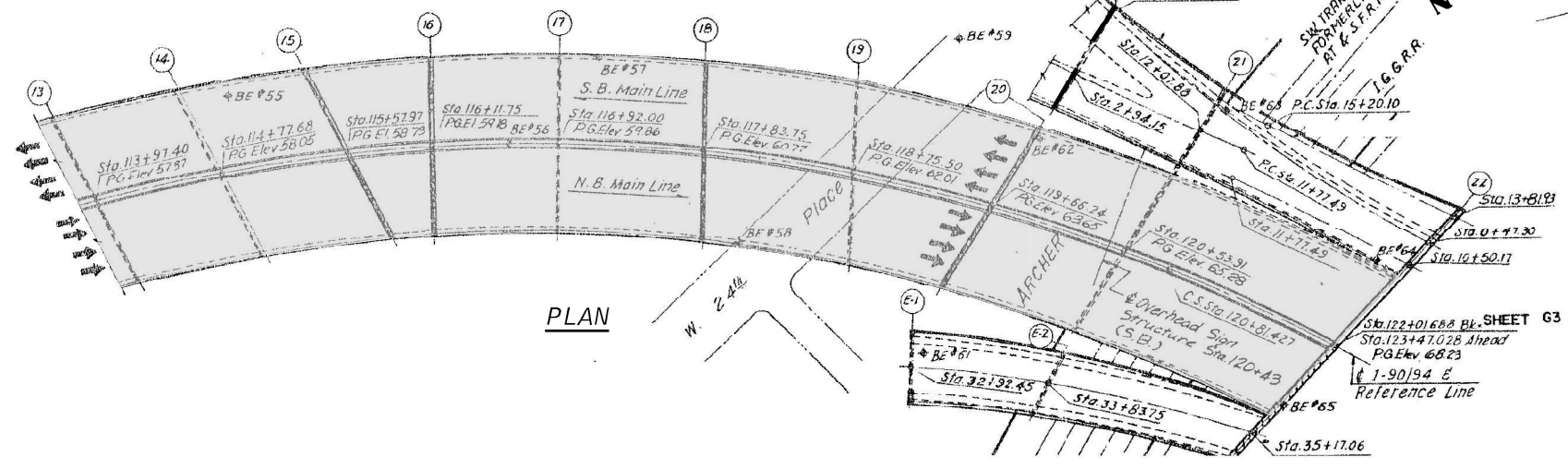
ELEVATION



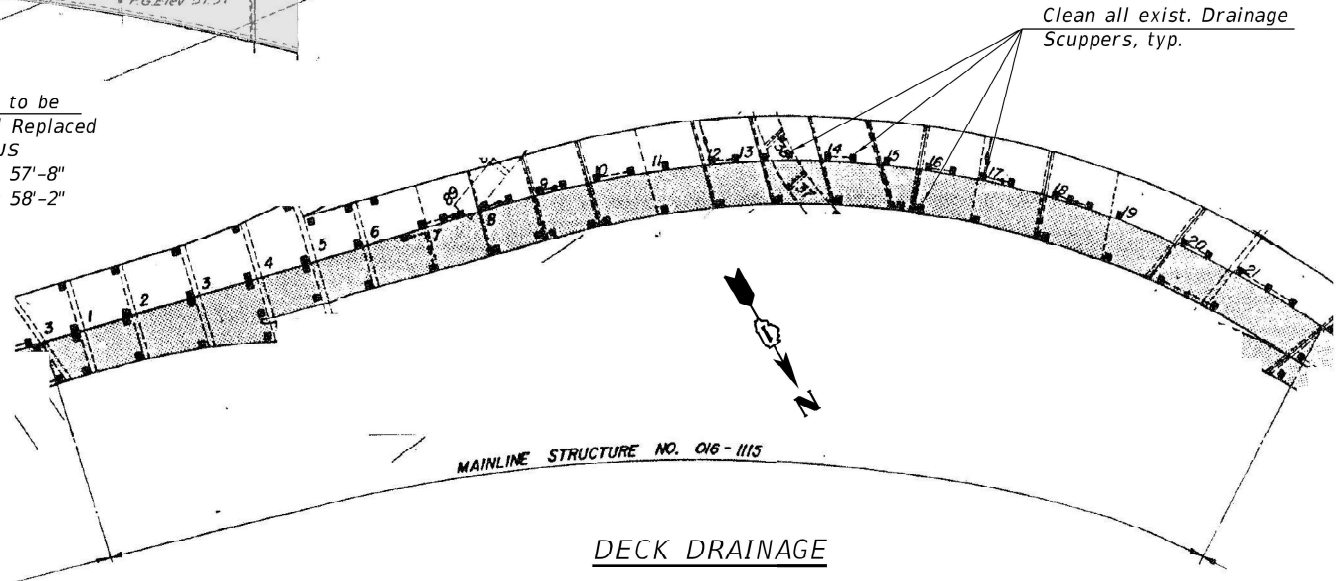
PLAN



ELEVATION

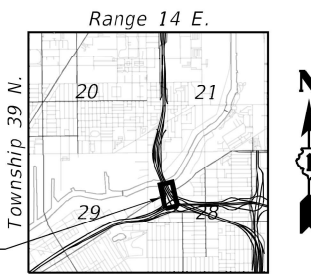


PLAN



DECK DRAINAGE

FOR INFORMATION ONLY



LOCATION SKETCH

MODEL: Location 15 Plan Elevation [Sheet]  
FILE NAME: c:\p\work\150626-sht-plan1.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 14  
PLAN & ELEVATION

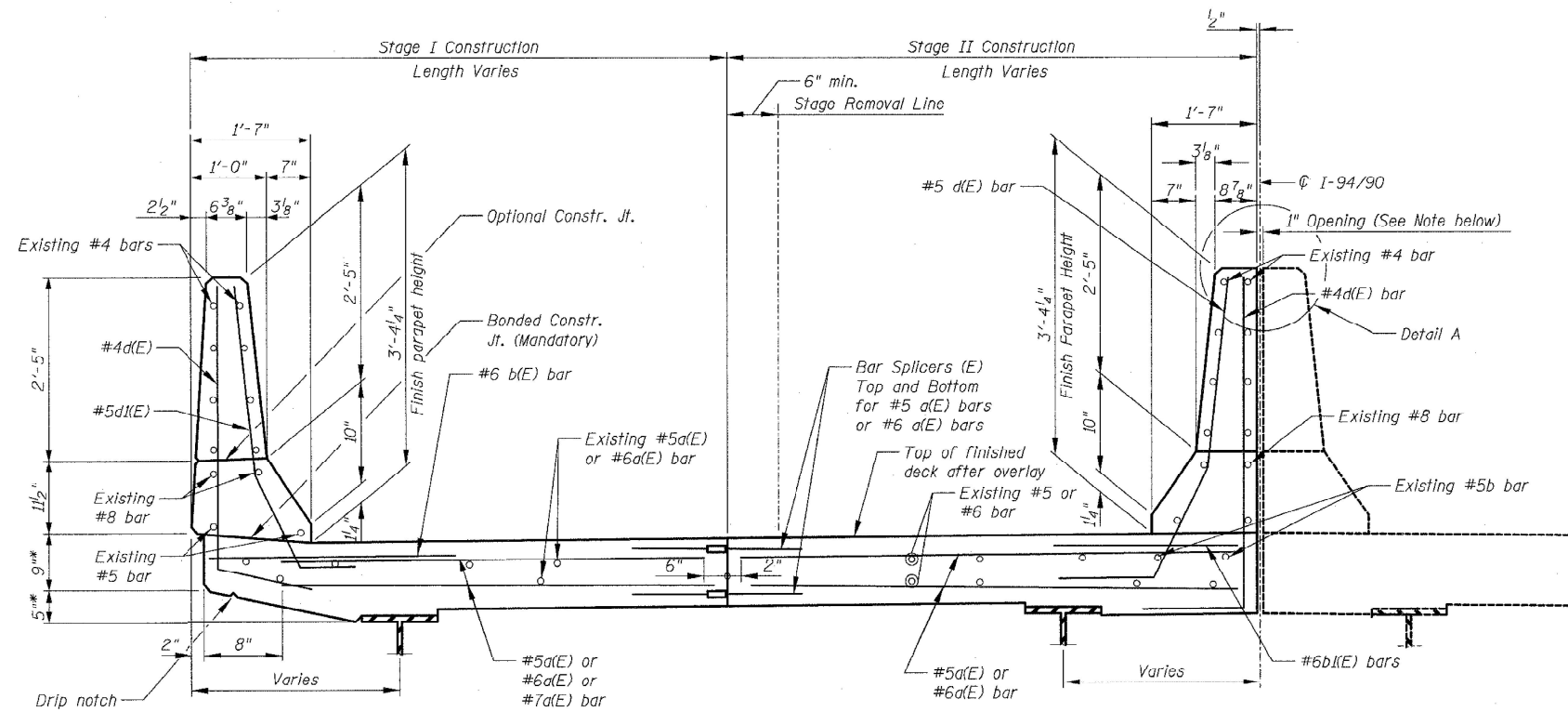
SCALE: SHEET 10 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	18
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL

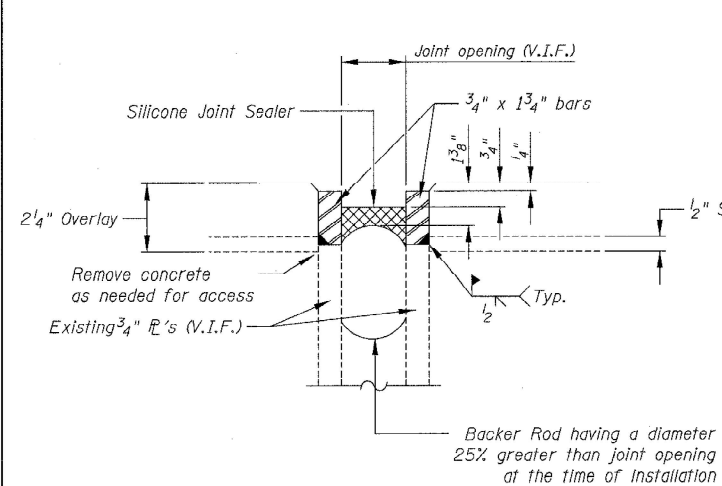
F.A.I.	SECTION	COUNTY	SHEETS	NO.
94/90	2003-0291	COOK	344	201
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

62581



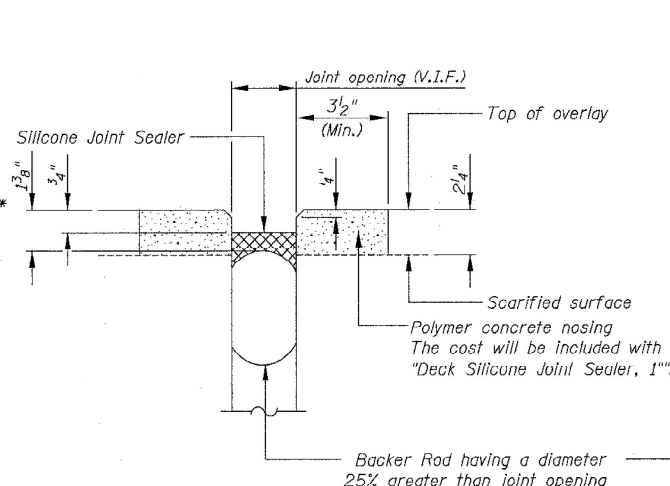
TYPICAL CROSS SECTION ALONG JOINT RECONSTRUCTION

\* Match Existing

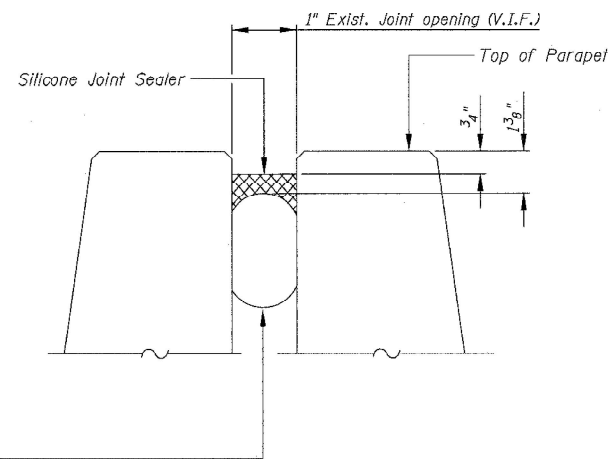


DECK SILICONE JOINT SEALER, 1" DETAIL

\*\*Care shall be taken not to damage existing R's during Hydroscarification.  
V.I.F. = Verify In Field  
If existing joint does not have steel plates see alternate Deck Silicone Joint Sealer, 1" Detail.  
Cost of existing joint removal included with "Ridge Deck Hydro-Scarification, 1/2".



ALTERNATE DECK SILICONE JOINT SEALER, 1" DETAIL



SILICONE JOINT SEALER, 1" - PARAPET DETAIL A

Existing longitudinal joint between concrete parapet's shall be removed and replaced with Silicone Joint Sealer. The cost of the existing longitudinal joint removal will be included in the cost of "Silicone Joint Sealer, 1".

Notes:

Existing longitudinal reinforcement in slab and barriers shall be cleaned, straightened and incorporated into new construction.

Bend #4 vertical parapet bars in field to clear the top flange of fascia girders as needed.

Remove existing rails, posts, anchors or other attachments as required for the partial removal of barriers for the joint reconstruction. Reinstall removed components as required to restore original condition. Cost included with "Concrete Removal" and "Concrete Superstructure".

Place bars in parapet to maintain 1/2" cl.

Care should be exercised during concrete removal not to damage existing shear studs.

BILL OF MATERIAL

Item	Unit	Total
Deck Silicone Joint Sealer, 1"	Foot	117
Silicone Joint Sealer, 1"	Foot	10,486

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	6/29/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
SB DAN RYAN ELEVATED BRIDGE

FOR INFORMATION ONLY

MODEL: Location 15 Parapet (Sheet)  
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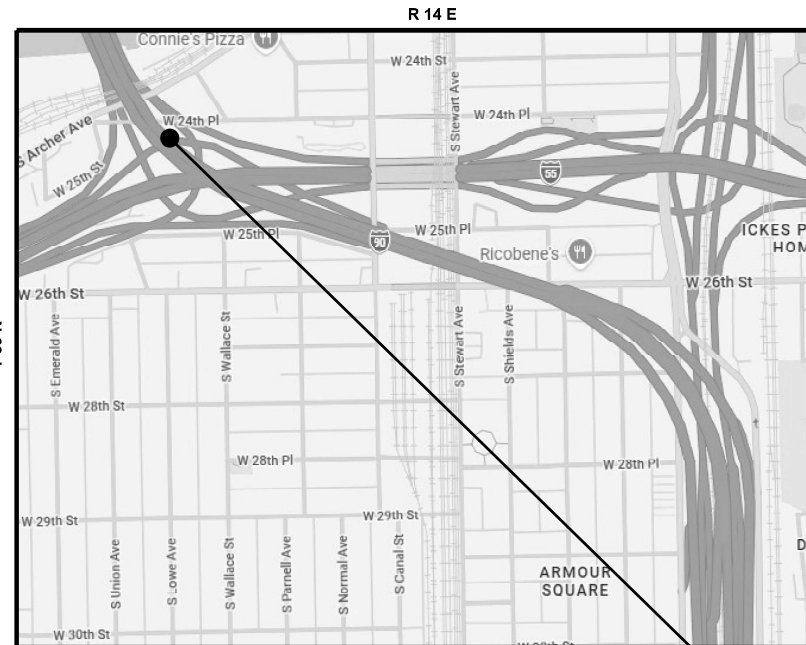
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	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 14  
PARAPET DETAILS

SCALE: SHEET 11 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2025-2020-I	VARIOUS	52	19
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				



**TRAFFIC DATA**

I-90/94  
2025 ADT = 227700  
SPEED LIMIT = 45 MPH



**CITY OF CHICAGO  
COOK COUNTY**  
LOCATION 14 COORDINATES: 41.847767 N, -87.642592 W

**LOCATION 14**  
**I-90/94 NB RAMP TO I-55 WB**  
**(SN: 016-1115)**

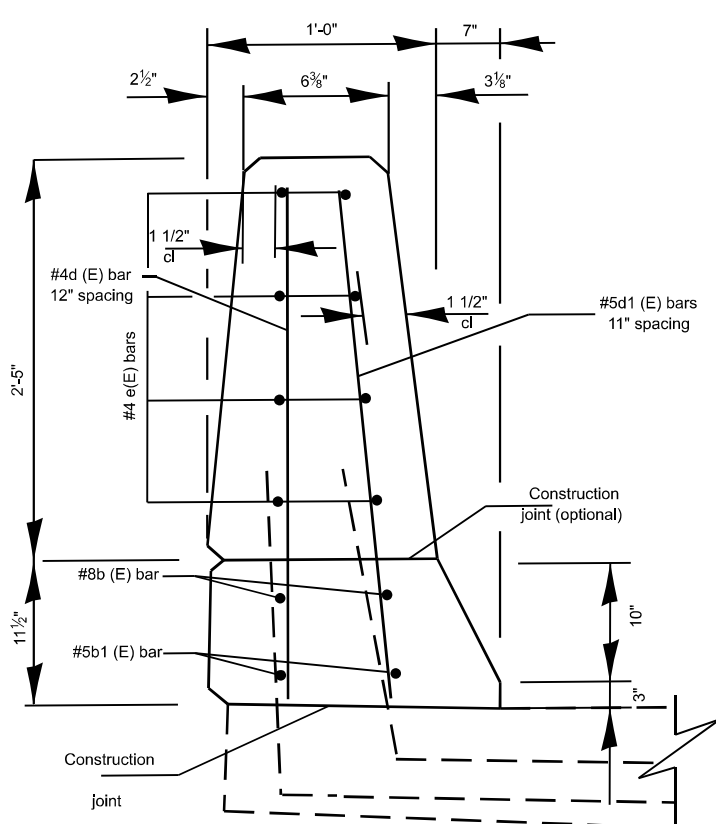
**LOCATION 14**  
**FULL DEPTH PARAPET REPAIR**  
**REPLACE APPROXIMATELY 12 FT OF PARAPET**

**BILL OF MATERIALS**

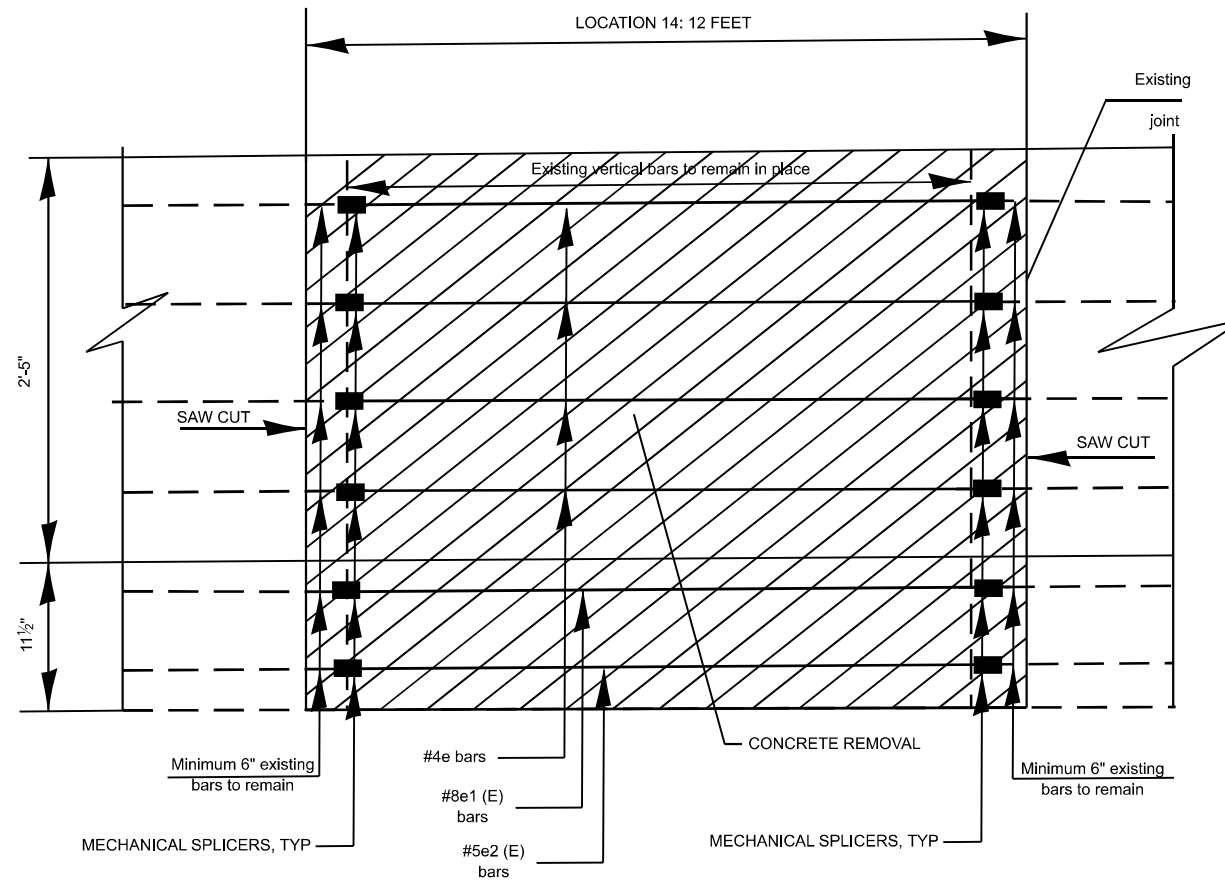
BAR	SIZE	LENGTH	SHAPE	QUANTITY	
e (E)	#4	11'-8"	—	8	
b (E)	#8	11'-8"	—	2	
b1 (E)	#5	11'-8"	—	2	
CONCRETE REMOVAL				CU. YDS	1.4
CONCRETE SUPERSTRUCTURE				CU. YDS	1.4
MECHANICAL SPLICERS				EACH	24
PROTECTIVE COAT				SQ. YDS	10.0
SAW CUT				FOOT	7.0
REINFORCEMENT BARS EPOXY COATED				LBS	149

**NOTE**

- EXISTING REINFORCEMENT BARS EXTENDING INTO REMOVAL SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. EXCEPT OTHERWISE NOTED. ANY REINFORCEMENT BARS THAT ARE DAMAGED OR DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.
- ALL REINFORCEMENT BARS SHALL BE CUT IN FIELD TO FIT EXISTING SHAPE AND CLEARANCE.
- GUARDRAIL SECTION TO BE RETURN TO DISTRICT BRIDGE YARD.



**SECTION THRU PARAPET**



**PARAPET ELEVATION**

MODEL: Location 15 (Sheet)  
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	CHECKED -	REVISED -
PLOT DATE = 6/16/2026	DATE -	REVISED -

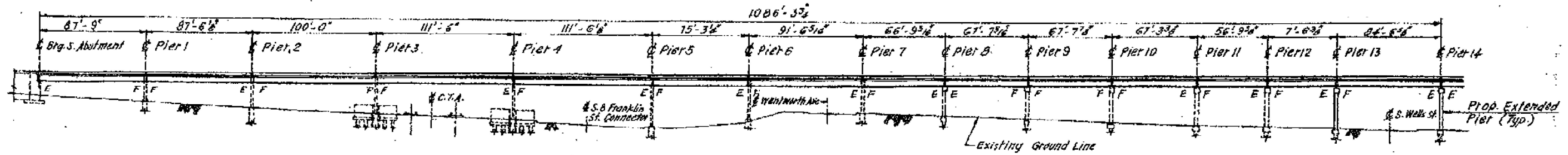
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 14**  
**I-90/94 NB RAMP TO I-55 WB**

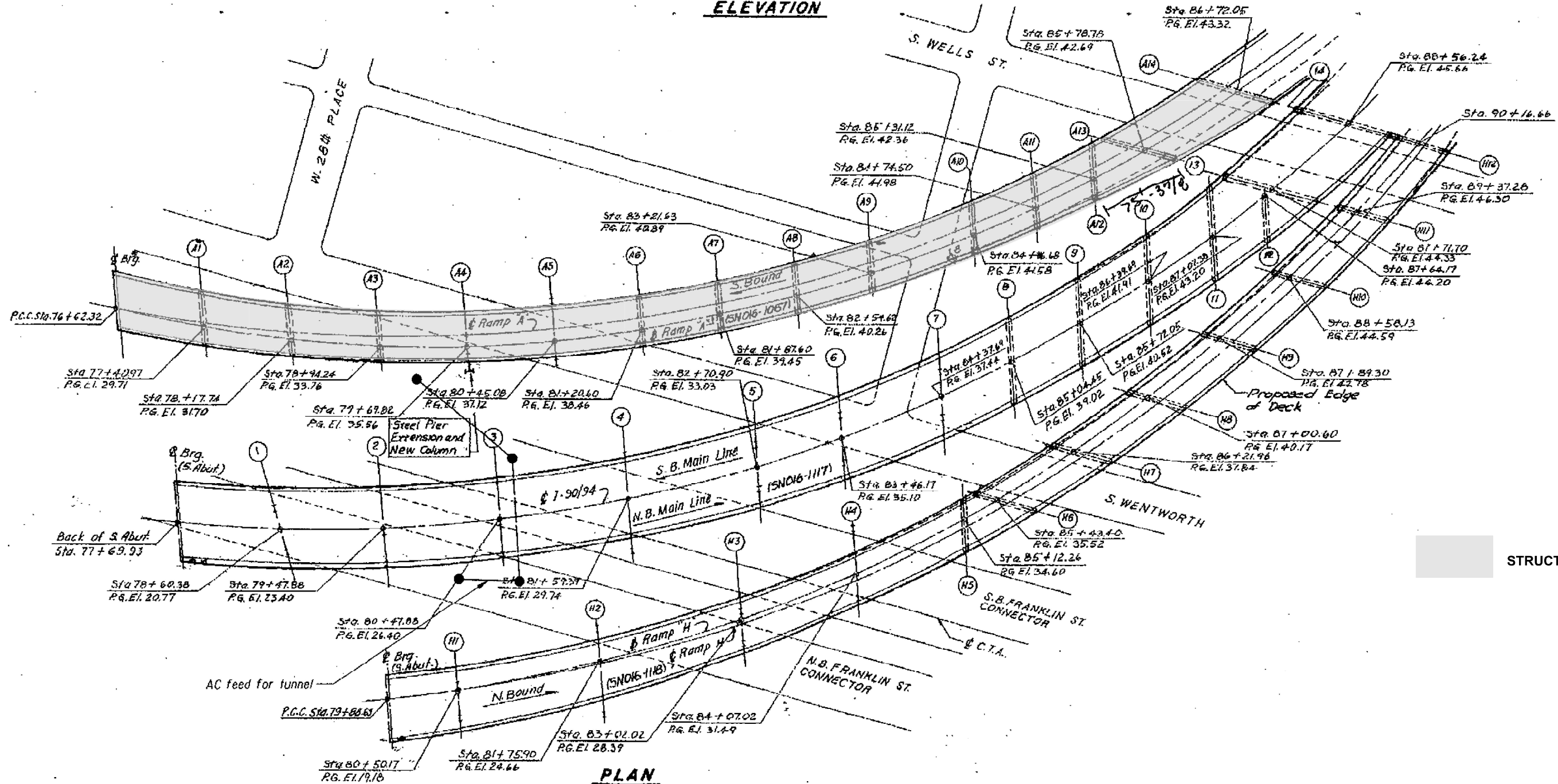
SCALE: SHEET 12 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	20
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



**ELEVATION**



**PLAN**

**FOR INFORMATION ONLY**

STRUCTURE NO: 016-1067

MODEL: Location 15 Plan Elevation (Sheet)  
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PLOT DATE = 5/15/2026	DATE -	REVISED -

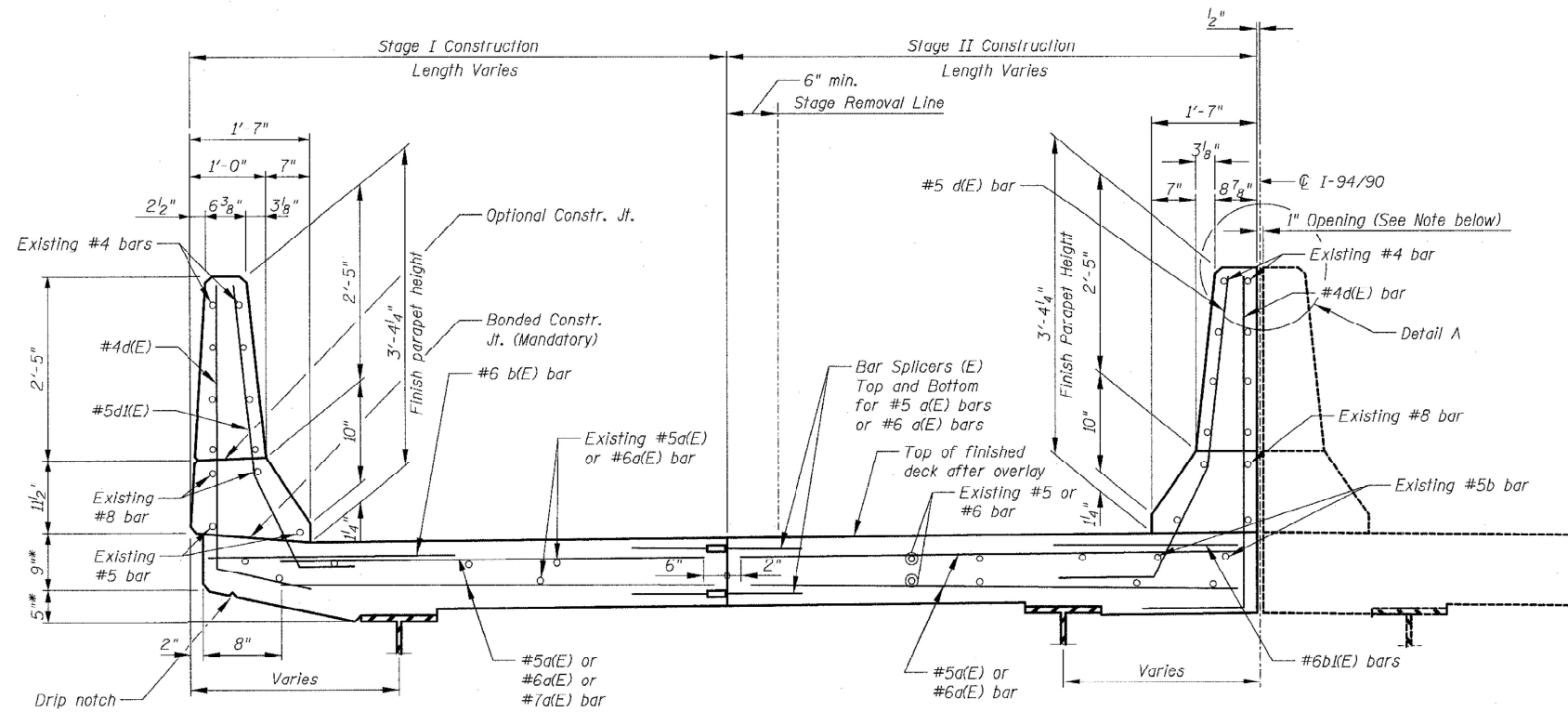
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 15  
PLAN & ELEVATION

SCALE: SHEET 13 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	21
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MOHENTRY, LAKE, WILL



TYPICAL CROSS SECTION ALONG JOINT RECONSTRUCTION

\* Match Existing

FOR INFORMATION ONLY

MODEL: Location 15 Parapet (Sheet)  
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USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 15  
PARAPET DETAILS

SCALE: SHEET 14 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	22
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL

R 14 E



**TRAFFIC DATA**  
 I-90/94  
 2025 ADT = 252200  
 SPEED LIMIT = 45 MPH



**LOCATION 15**  
 I-90/94 SB LOCALS JUST PAST PIER A14  
 (SN: 016-1067)

**LOCATION 15: PARTIAL DEPTH PARAPET REPAIR**  
 REPLACE APPROXIMATELY 18 FT OF PARAPET  
 LOCATED AT I-90/94 SB LOCALS JUST PAST PIER A14

**CITY OF CHICAGO**  
**COOK COUNTY**

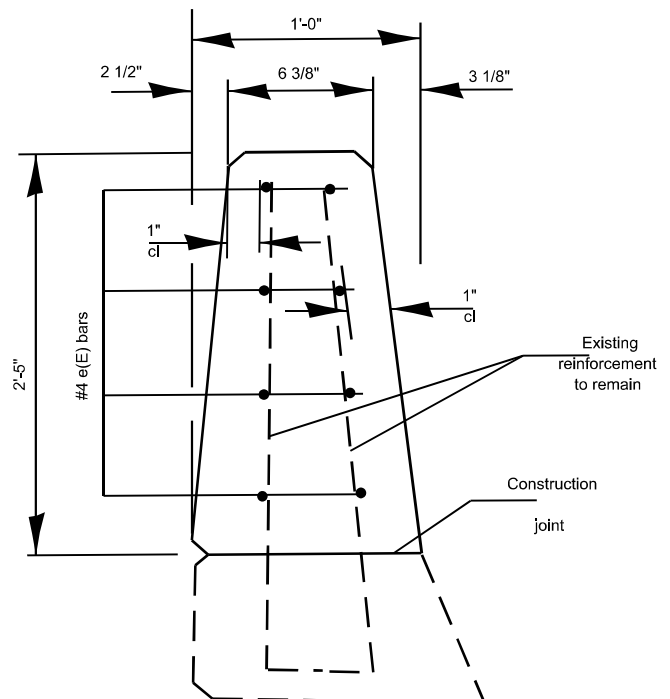
**LOCATION 15 COORDINATES: 41.844859 N, -87.633341 W**

**BILL OF MATERIALS**

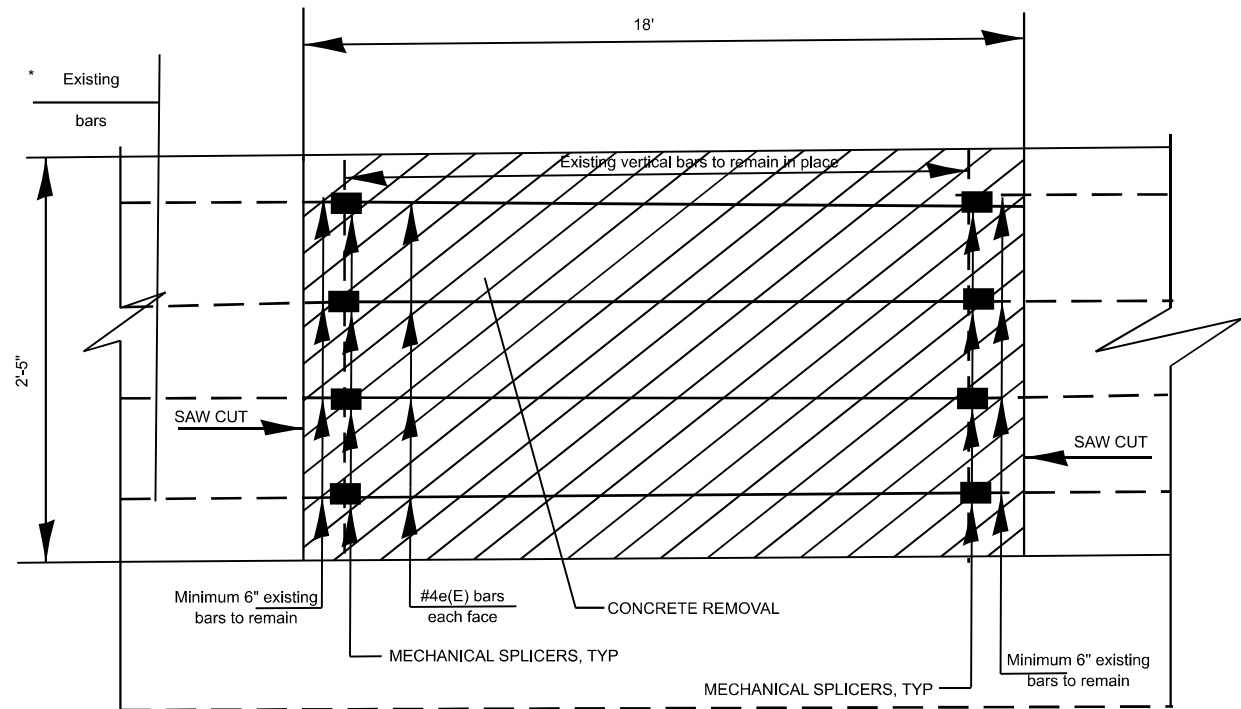
BAR	SIZE	LENGTH	SHAPE	QUANTITY
e(E)	#4	17'-8"	—	8
CONCRETE REMOVAL			CU. YDS	1.25
REINFORCEMENT BARS EPOXY COATED			LBS	94
CONCRETE SUPERSTRUCTURE			CU. YDS	1.25
MECHANICAL SPLICERS			EACH	16
PROTECTIVE COAT			SQ. YDS	11.0
SAW CUT			FOOT	5.0

**NOTE**

- EXISTING REINFORCEMENT BARS EXTENDING INTO REMOVAL SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION, EXCEPT OTHERWISE NOTED. ANY REINFORCEMENT BARS THAT ARE DAMAGED OR DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.
- ALL REINFORCEMENT BARS SHALL BE CUT IN FIELD TO FIT EXISTING SHAPE AND CLEARANCE.
- GUARDRAIL SECTION TO BE RETURN TO DISTRICT BRIDGE YARD.



**SECTION THRU PARAPET**



**PARAPET ELEVATION**

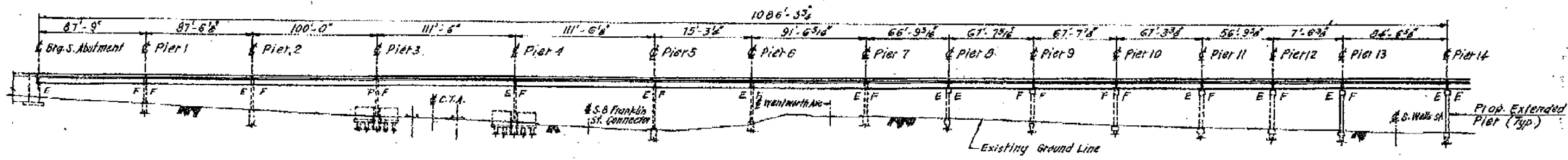
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	CHECKED -	REVISED -
PLOT DATE = 6/16/2026	DATE -	REVISED -

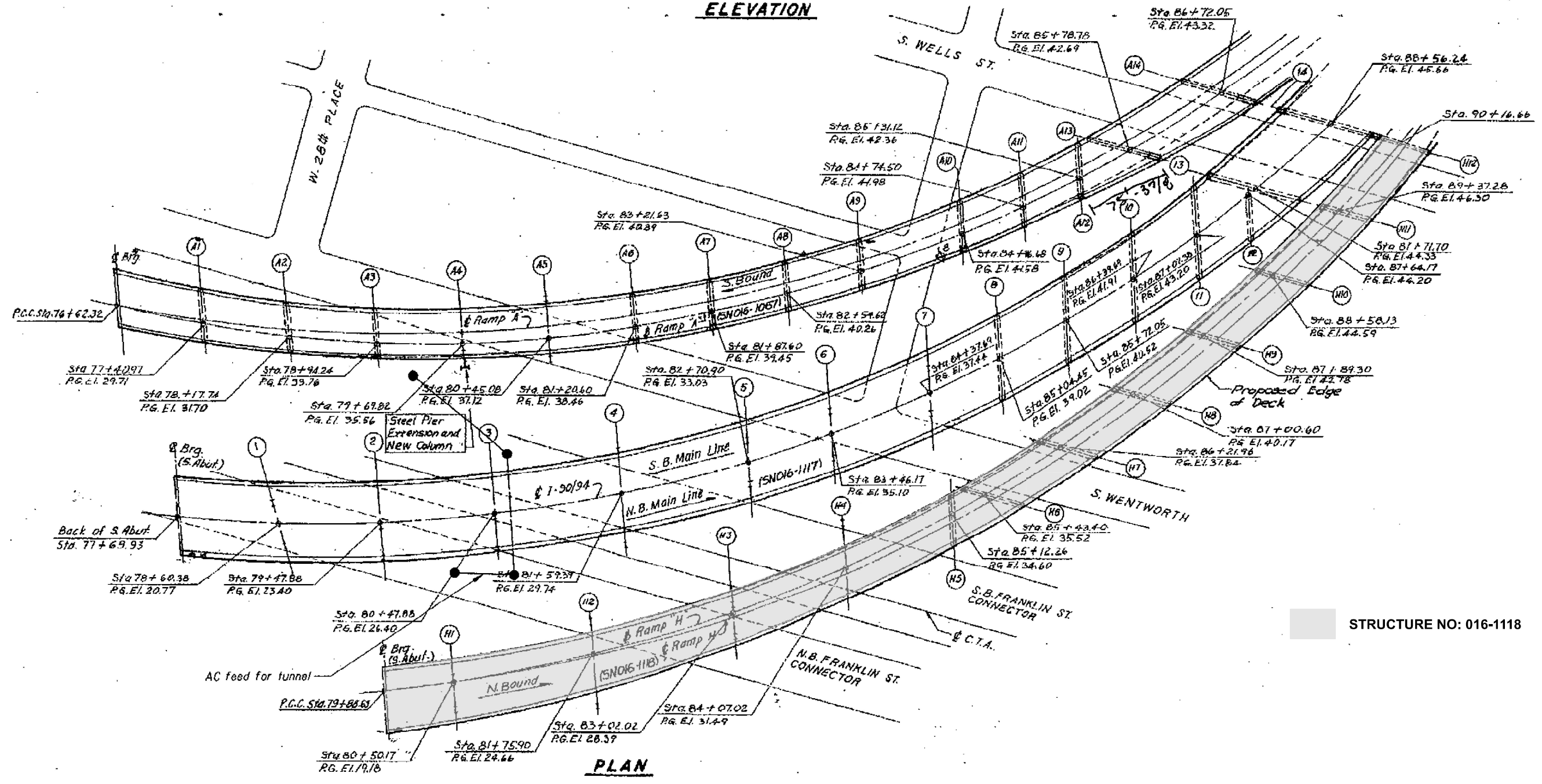
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 15</b>	
<b>I-90/94 SB LOCALS JUST PAST PIER A14</b>	
SCALE:	SHEET 15 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	23
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				



**ELEVATION**



**PLAN**

**FOR INFORMATION ONLY**

MODEL: Location 17 Plan Elevation (Sheet)  
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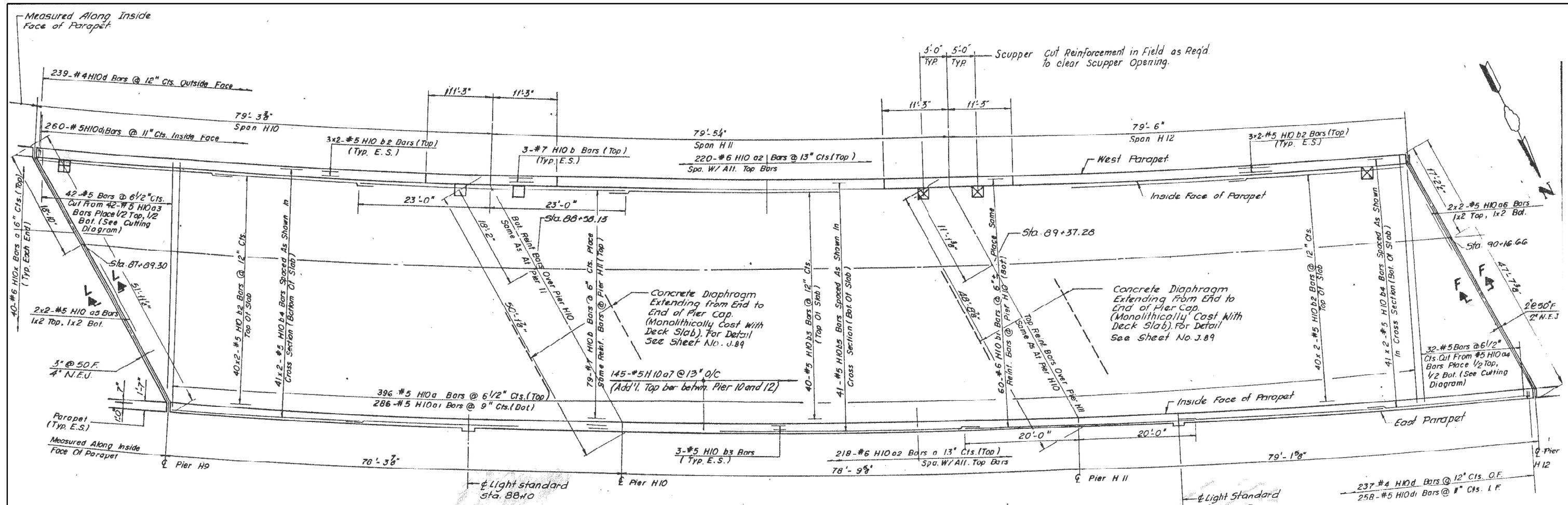
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PLOT DATE = 5/14/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

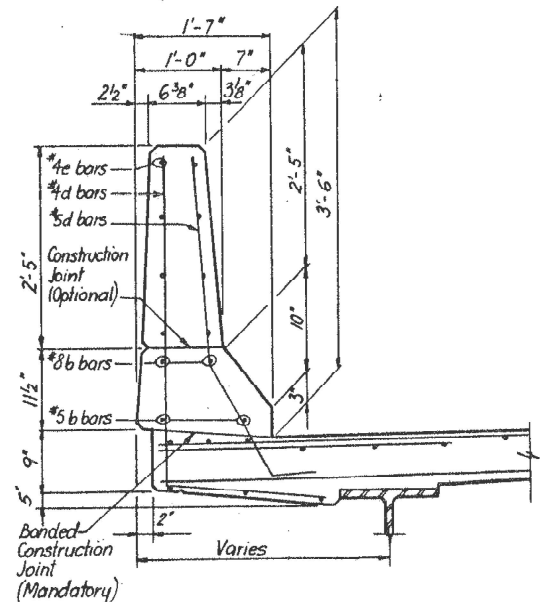
LOCATION 16  
PLAN & ELEVATION

SCALE: SHEET 16 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	24
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MOHENTRY, LAKE, WILL				



**DECK PLAN**  
(SPANS H10, H11 & H12)



**TYPICAL PARAPET DETAIL**

**FOR INFORMATION ONLY**

MODEL: Location 17 Parapet (Sheet)  
FILE NAME: c:\pwworking\hassanm12101191D100626-shp-plan1.dgn

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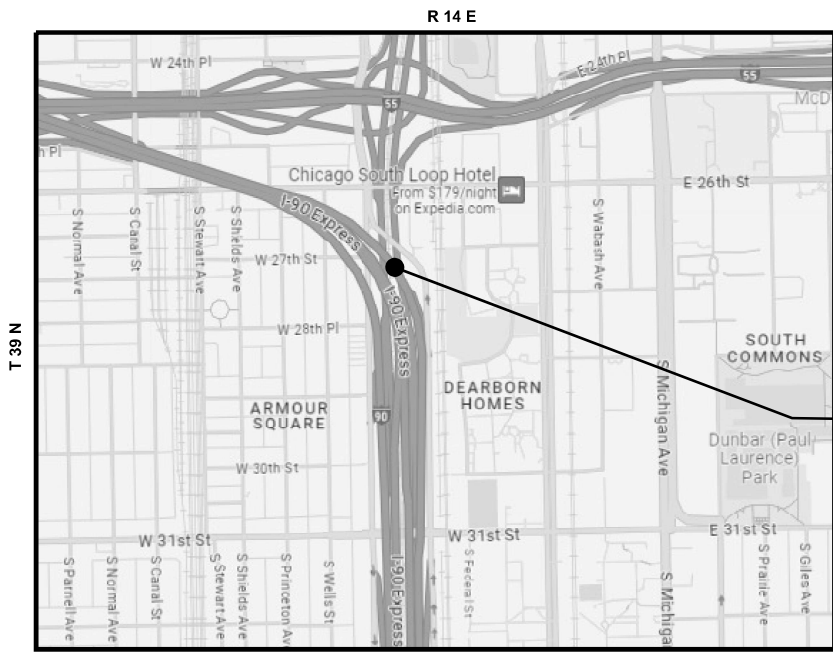
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LOCATION 16**  
**PARAPET DETAILS**

SCALE: SHEET 17 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	25
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



**TRAFFIC DATA**  
 I-90/94  
 2025 ADT = 252200  
 SPEED LIMIT = 45 MPH

**LOCATION 16**  
**I-90/94 NB LOCALS OVER**  
**SB CHINATOWN FEEDER**  
**(SN: 016-1118)**



**CITY OF CHICAGO**  
**COOK COUNTY**  
**LOCATION 16 COORDINATES: 41.844051 N, -87.631363 W**

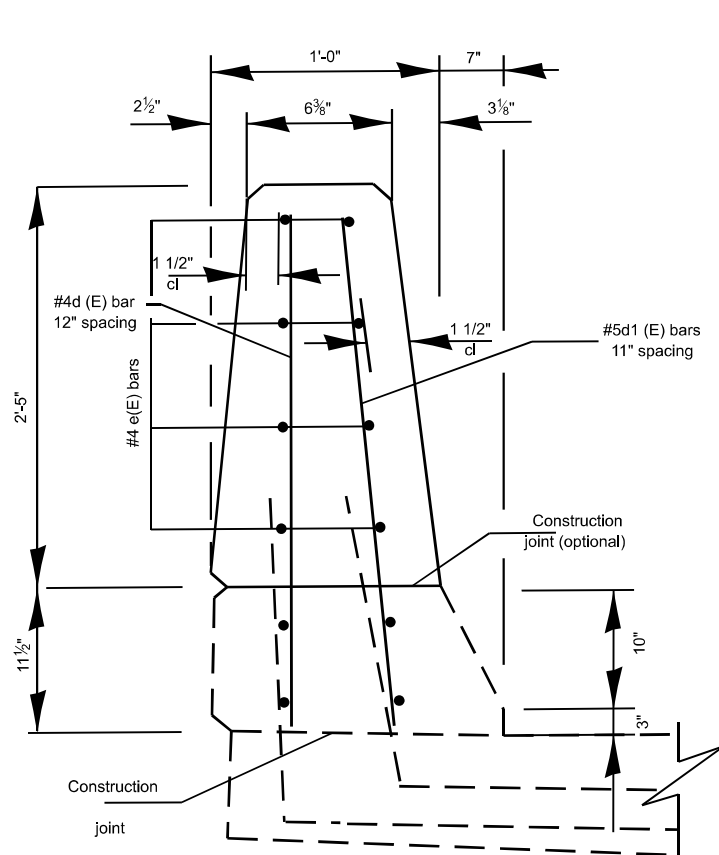
**LOCATION 16**  
**PARTIAL DEPTH PARAPET REPAIR**  
**REPLACE APPROXIMATELY 8 FT OF PARAPET**

**BILL OF MATERIALS**

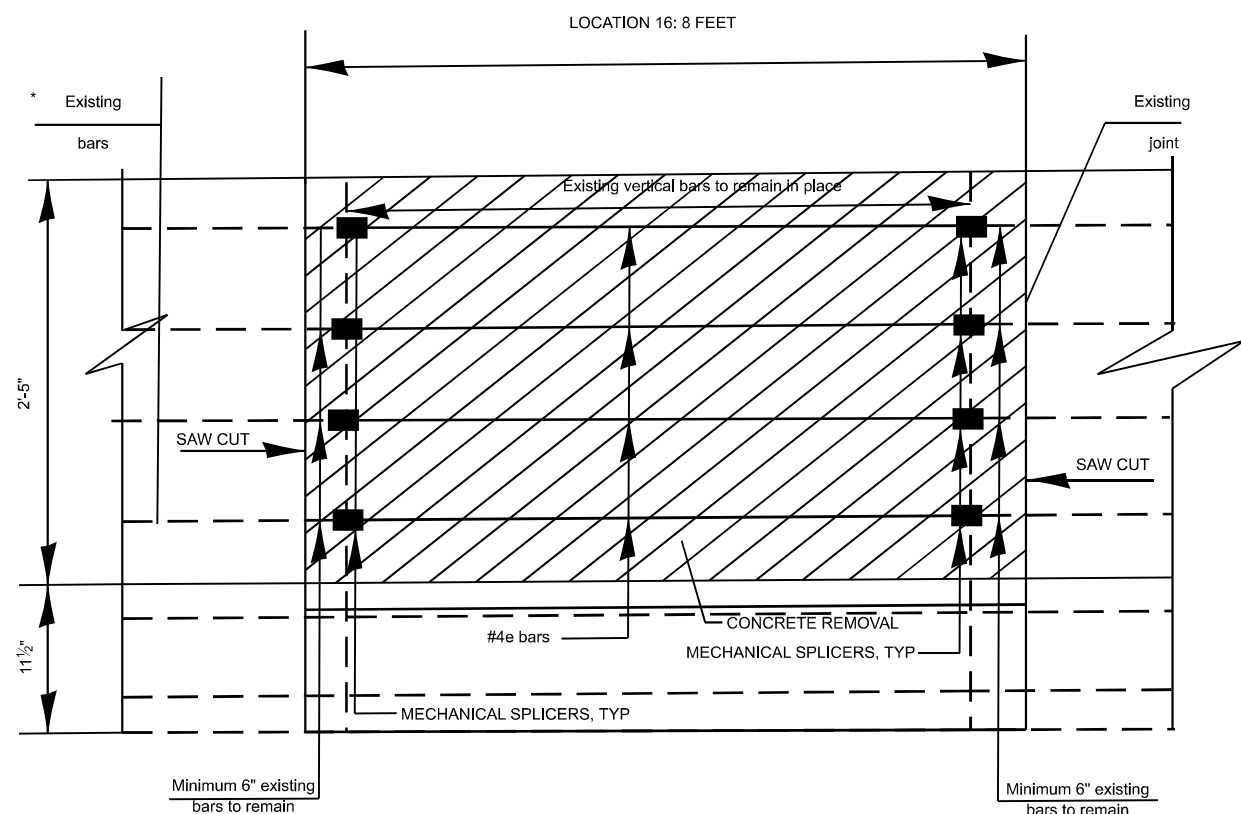
BAR	SIZE	LENGTH	SHAPE	QUANTITY
e (E)	#4	7'-8"	—	8
CONCRETE REMOVAL			CU. YDS	1.89
CONCRETE SUPERSTRUCTURE			CU. YDS	1.89
MECHANICAL SPLICERS			EACH	24
PROTECTIVE COAT			SQ. YDS	5.0
SAW CUT			FOOT	5.0
REINFORCEMENT BARS EPOXY COATED			LBS	41
RAILROAD PROTECTIVE LIABILITY INSURANCE			L SUM	1.0

**NOTE**

- EXISTING REINFORCEMENT BARS EXTENDING INTO REMOVAL SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. EXCEPT OTHERWISE NOTED, ANY REINFORCEMENT BARS THAT ARE DAMAGED OR DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.
- ALL REINFORCEMENT BARS SHALL BE CUT IN FIELD TO FIT EXISTING SHAPE AND CLEARANCE.
- GUARDRAIL SECTION TO BE RETURN TO DISTRICT BRIDGE YARD.



**SECTION THRU PARAPET**



**PARAPET ELEVATION**

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USER NAME = navoed.hassan	DESIGNED -	REVISED -
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	CHECKED -	REVISED -
PLOT DATE = 6/16/2026	DATE -	REVISED -

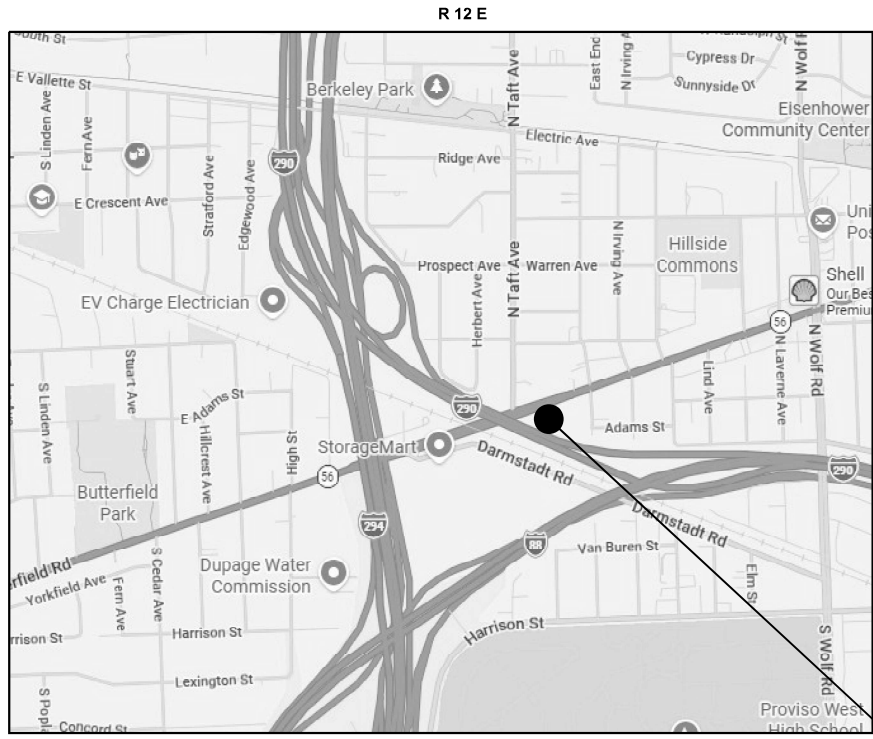
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LOCATION 16**  
**I-90/94 NB LOCALS OVER SB CHINATOWN FEEDER**

SCALE: SHEET 18 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	26
CONTRACT NO. 80B42				

\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



**TRAFFIC DATA**  
 I-290  
 2025 ADT = 80700  
 SPEED LIMIT = 55 MPH



**LOCATION 17**  
 I-290 WB EAST OF IL-56 (BUTTERFIELD RD.)  
 REPLACE 20' X 14' NOISE WALL

**VILLAGE OF HILLSIDE  
 PROVISO TOWNSHIP  
 COOK COUNTY**  
**LOCATION 17 COORDINATES: 41.874844 N, -87.912287 W**

**LOCATION 17: I-290 WB EAST OF IL-56 (BUTTERFIELD RD.)**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.06

**NOTE**

REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 18 (Sheet)  
 FILE NAME: c:\p\work\provisotownship\hassan\1210119\ID:100626-shh-plan1.dgn

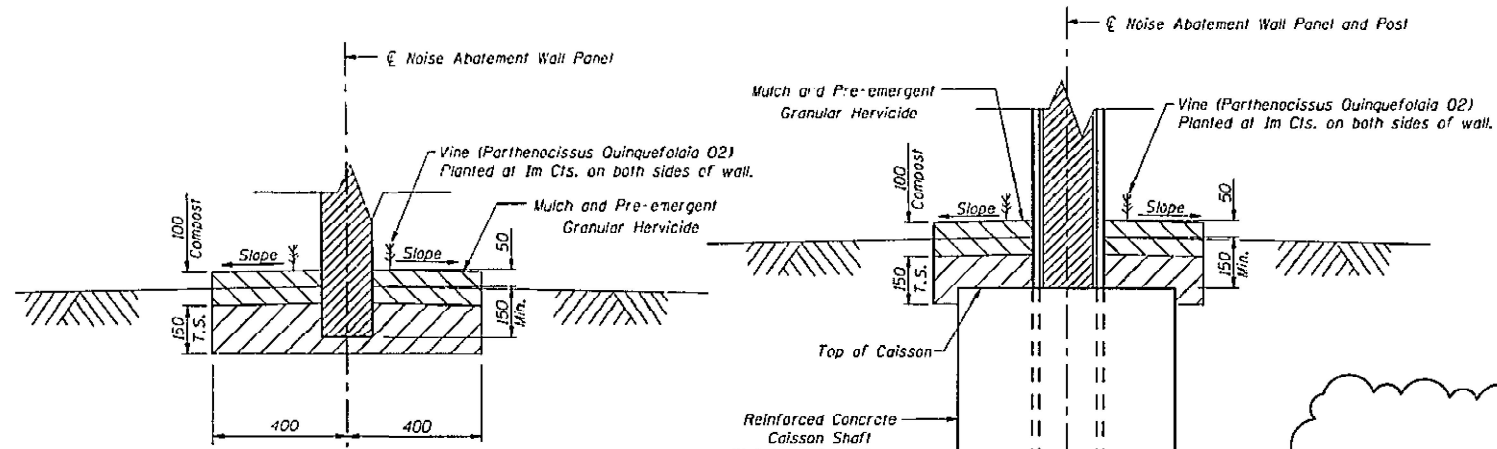
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 17</b>			
<b>I-290 WB EAST OF IL-56 (BUTTERFIELD RD.)</b>			
SCALE:	SHEET 19	OF 39 SHEETS	STA. TO STA.

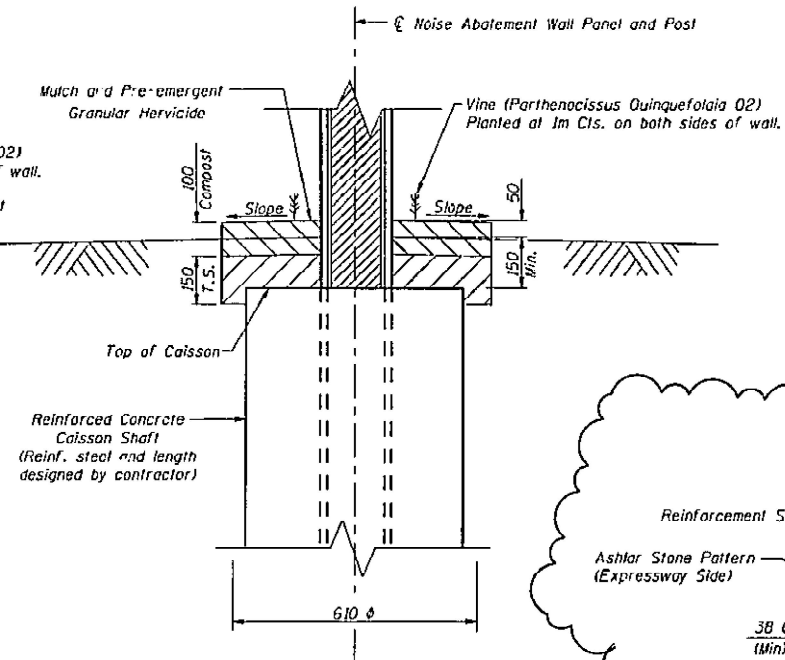
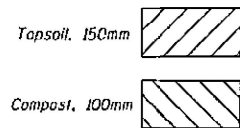
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	27
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL

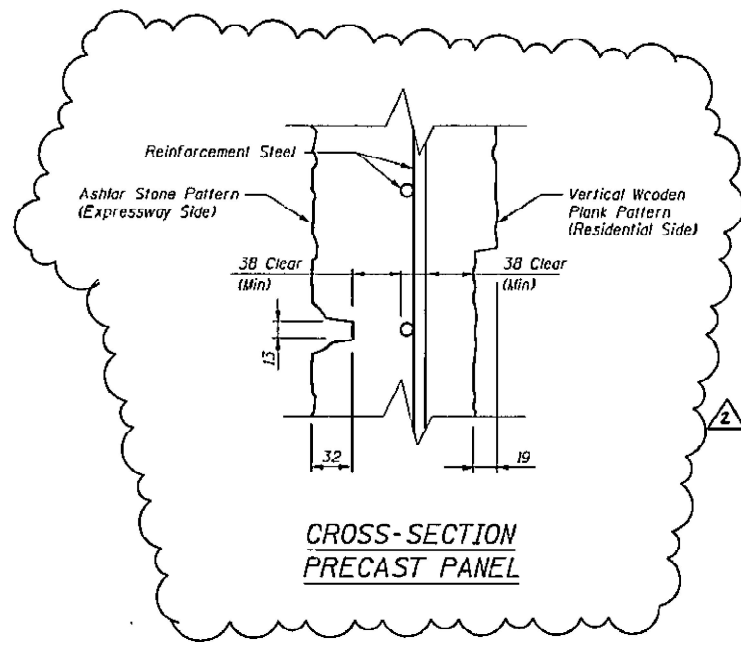


**BOTTOM OF PANEL DETAIL**

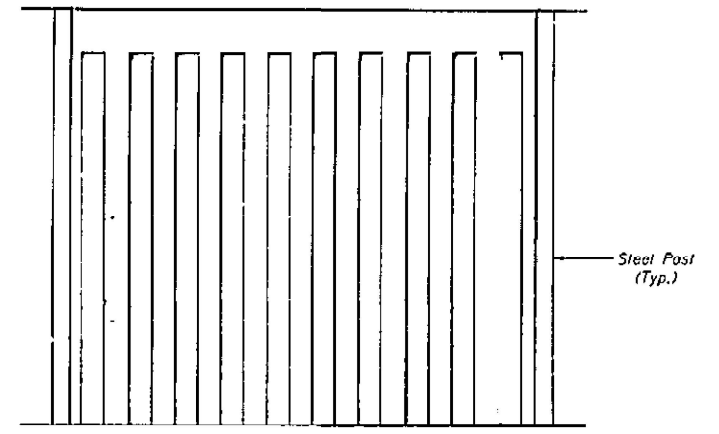
**LEGEND**



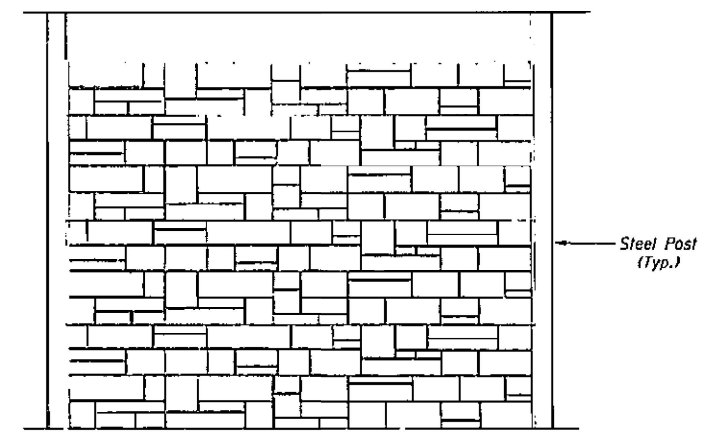
**FOUNDATION DETAIL**



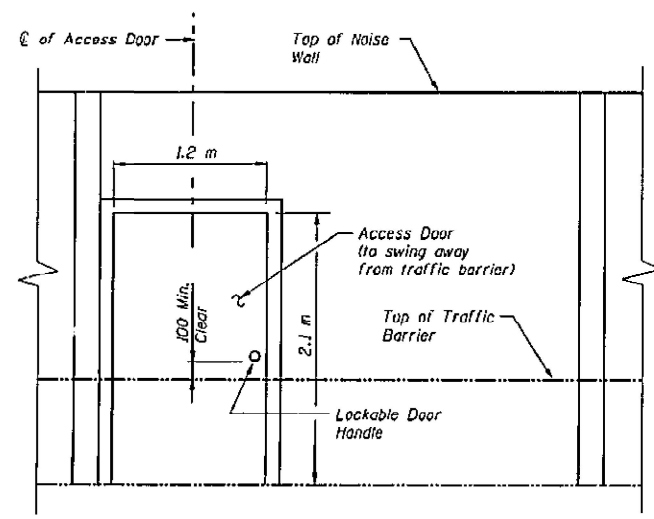
**CROSS-SECTION PRECAST PANEL**



**PRESSED-IN VERTICAL WOODEN PLANK PATTERN (Residential Side)**



**FORMED ASHLAR STONE PATTERN (Expressway Side)**



**NOISE WALL ACCESS DOOR DETAIL**

(One Door in Wall D only)

**FOR INFORMATION ONLY**

MODEL: Location 18 Details (Sheet)  
FILE NAME: c:\p\work\project\hassan\12101191D100626-eh-plan1.dgn

USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 5/15/2026	DATE -	REVISED -

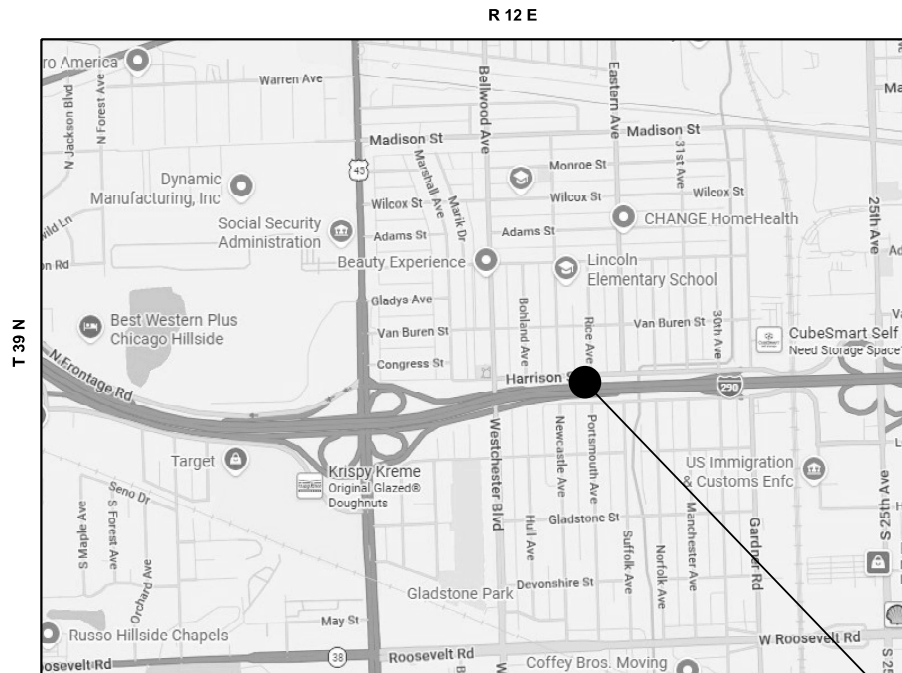
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 17  
I-290 WB EAST OF IL-56 (BUTTERFIELD RD.)**

SCALE: SHEET 20 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	28
CONTRACT NO. 80B42				

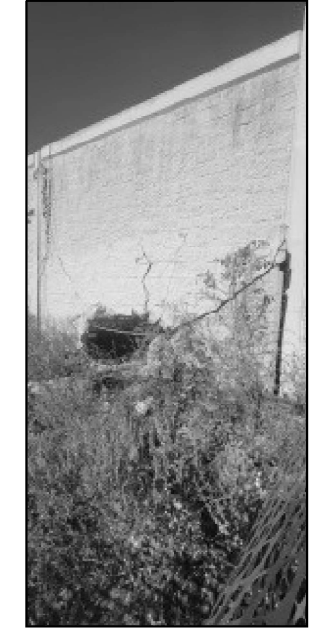
ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



**TRAFFIC DATA**  
**I-290**  
**2025 ADT = 138200**  
**SPEED LIMIT = 55 MPH**

**VILLAGE OF BELLWOOD**  
**PROVISO TOWNSHIP**  
**DUPAGE COUNTY**  
**LOCATION 18 COORDINATES: 41.871285 N, -87.874393 W**

**LOCATION 18: I-290 WB ABOUT 280' EAST OF LINDEN AVE.**



**LOCATION 18**  
**I-290 WB ABOUT 280' EAST OF LINDEN AVE.**  
**REPLACE 20' X 8' WOOD NOISE WALL WITH 4 POST**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.06

**NOTE**

REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 18 (Sheet)  
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USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LOCATION 18**  
**I-290 WB ABOUT 280' EAST OF LINDEN AVE.**

SCALE: SHEET 21 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	29
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL





**TRAFFIC DATA**  
**I-80/94**  
**2025 ADT = 129700**  
**SPEED LIMIT = 55 MPH**

**VILLAGE OF LANSING  
 THORNTON TOWNSHIP  
 COOK COUNTY  
 LOCATION 19 COORDINATES: 41.576761 N, -87.556507 W**

**LOCATION 19: I-80/94 EB ABOUT 0.10  
 MILES EAST OF TORRENCE AVE.**



**LOCATION 19**  
**I-80/94 EB ABOUT 0.10 MILES EAST OF TORRENCE AVE.**  
**REPLACE 2 SECTIONS 12' X 5' OF NOISE WALL**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.06

**NOTE**

REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 20 (Sheet)  
 FILE NAME: c:\p\work\wv\hassan\1210119\ID:100626-snh-plan1.dgn

USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

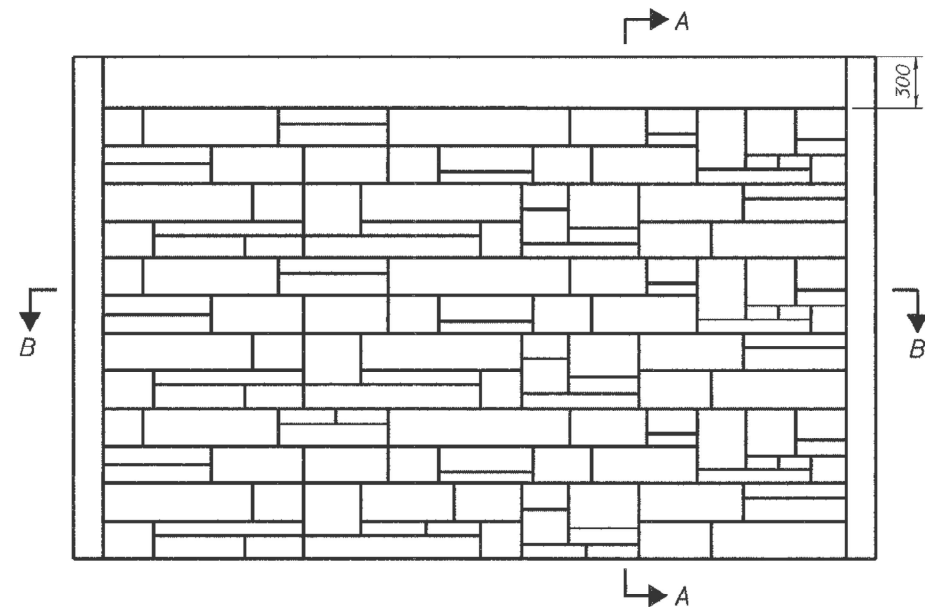
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LOCATION 19**  
**I-80/94 EB ABOUT 0.10 MILES EAST OF TORRENCE AVE.**

SCALE: SHEET 23 OF 39 SHEETS STA. TO STA.

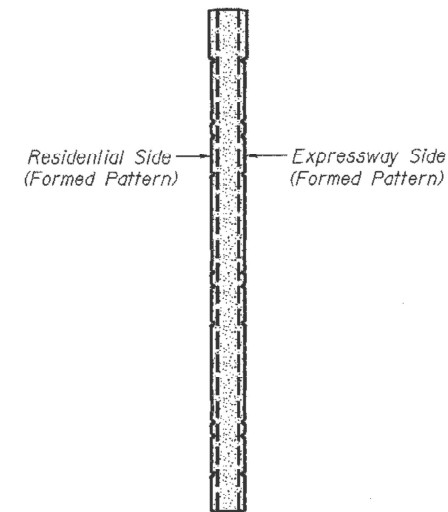
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	31
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL

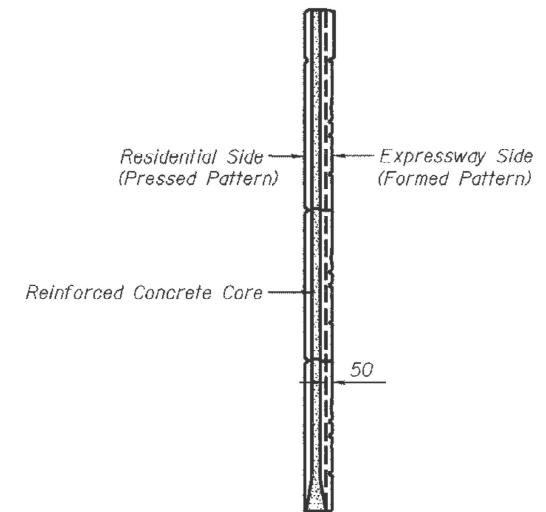


**FORMED ASHLAR STONE PATTERN**

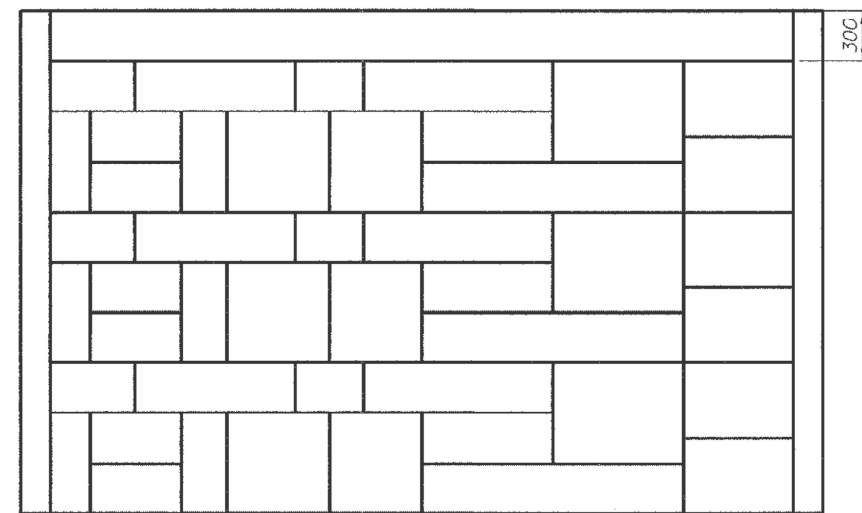
(Absorptive Panel - Expressway Side only)  
(Precast Panel - Expressway & Residential Sides)



**SECTION A-A THRU PRECAST PANEL**

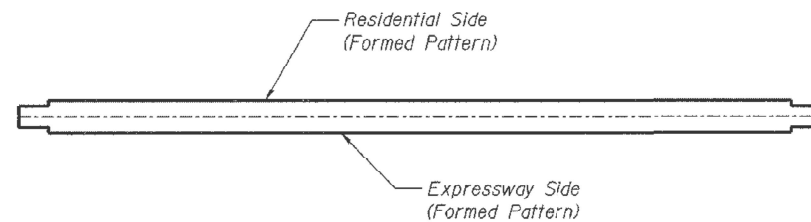


**SECTION A-A THRU ABSORPTIVE PANEL**

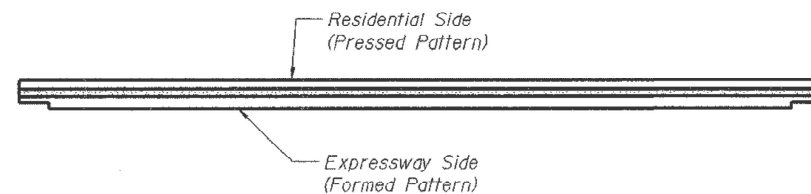


**PRESSED ASHLAR STONE PATTERN**

(Absorptive Panel - Residential Side only)



**SECTION B-B THRU PRECAST PANEL**



**SECTION B-B THRU ABSORPTIVE PANEL**

**Notes:**

Reinforcement and Lifting Bars to be determined by manufacturer.  
All dimensions in mm (millimeters) unless noted otherwise.

The panel texturing shown shall be used for all panels.  
The manufacturer shall prepare four differing panel patterns to be used in random order along the noise abatement wall.  
Panels and concrete columns shall be colored as specified in the Special Provisions. Alternate steel posts, if used, shall be painted matching color. Samples of panel texturing and coloring shall be submitted to the Department for approval in accordance with the Special Provision for Noise Abatement Wall.

MODEL: Location 20 Details (Sheet)  
FILE NAME: c:\p\work\project\hassan\1210119\100626-shr-plan1.dgn

USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 19  
I-80/94 EB ABOUT 0.10 MILES EAST OF TORRENCE AVE.**

SCALE: SHEET 24 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	32
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



**TRAFFIC DATA**

**I-80/94**  
**2025 ADT = 226800**  
**SPEED LIMIT = 55 MPH**



**VILLAGE OF LANSING**  
**THORNTON TOWNSHIP**  
**COOK COUNTY**  
**LOCATION 20 COORDINATES: 41.578057 N, -87.532361 W**



**LOCATION 20**  
**I-80/94 WB ABOUT 0.13 MILES WEST OF WENTWORTH AVE.**  
**REPLACE ONE SECTION 12' BY 5' NOISE WALL**

**LOCATION 20: I-80/94 WB ABOUT 0.13 MILES WEST OF WENTWORTH AVE.**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.06

**NOTE**

REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 21 (Sheet)  
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

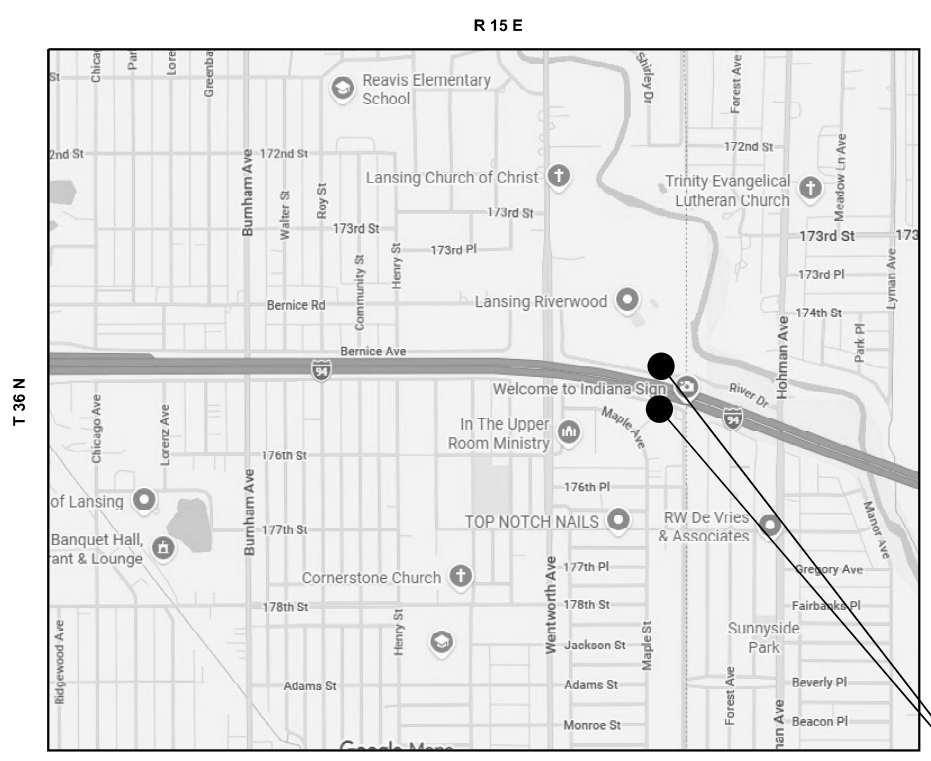
**LOCATION 20**  
**I-80/94 WB ABOUT 0.13 MILES WEST OF WENTWORTH AVE.**

SCALE: SHEET 25 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	33
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL





**TRAFFIC DATA**  
 I-80/94  
 2025 ADT = 226800  
 SPEED LIMIT = 55 MPH



T 36 N

R 15 E

**VILLAGE OF LANSING  
 THORNTON TOWNSHIP  
 COOK COUNTY**

**LOCATION 21 COORDINATESN DOOR 1: 41.577369 N, -87.525633 W  
 LOCATION 21 COORDINATESN DOOR 2: 41.576844 N, -87.525497 W**

**LOCATION 21: I-80/94 EB & WB ABOUT  
 100' WEST OF STATE LINE RD.**



**LOCATION 21  
 I-80/94 EB&WB ABOUT 100' WEST OF STATE LINE RD.  
 REPLACE TWO NOISE WALL DOORS 8'7" HEIGHT BY 5'5" WIDTH**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.06

**NOTE**

REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 21 (Sheet)  
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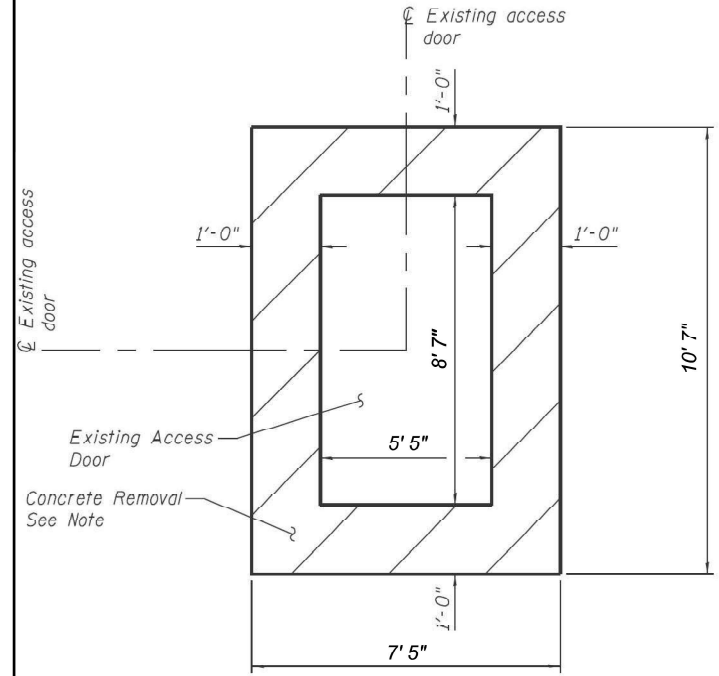
USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

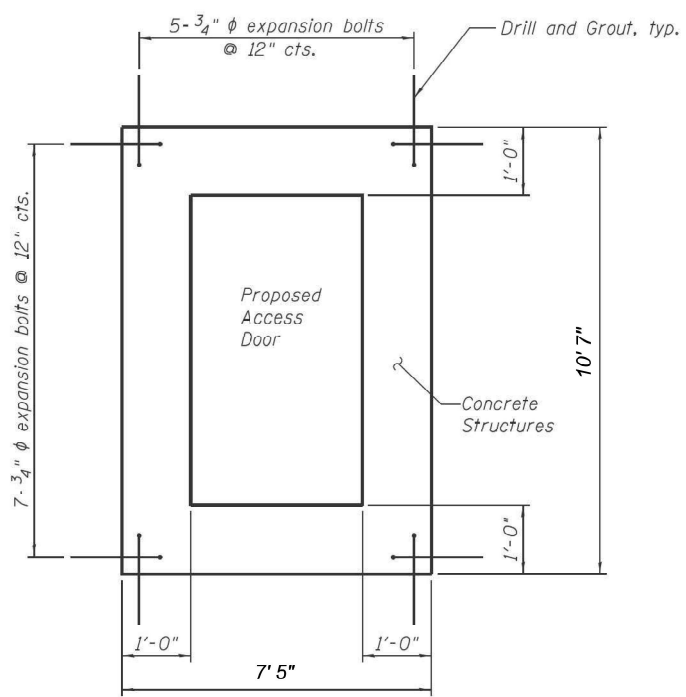
<b>LOCATION 21</b>	
<b>I-80/94 EB&amp;WB ABOUT 100' WEST OF STATE LINE RD.</b>	
SCALE:	SHEET 27 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	35
CONTRACT NO. 80B42				

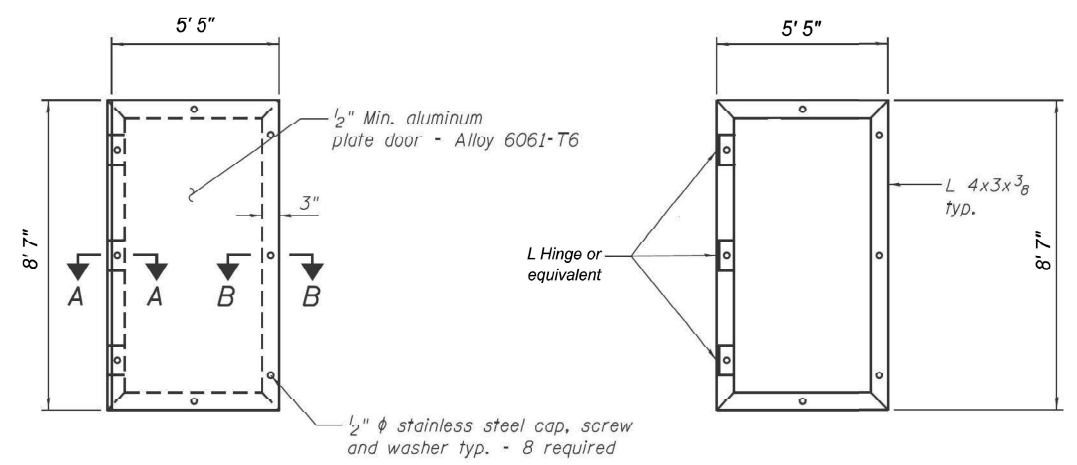
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



**CONCRETE REMOVAL DETAIL**



**CONCRETE FILL AT ACCESS HOLE**

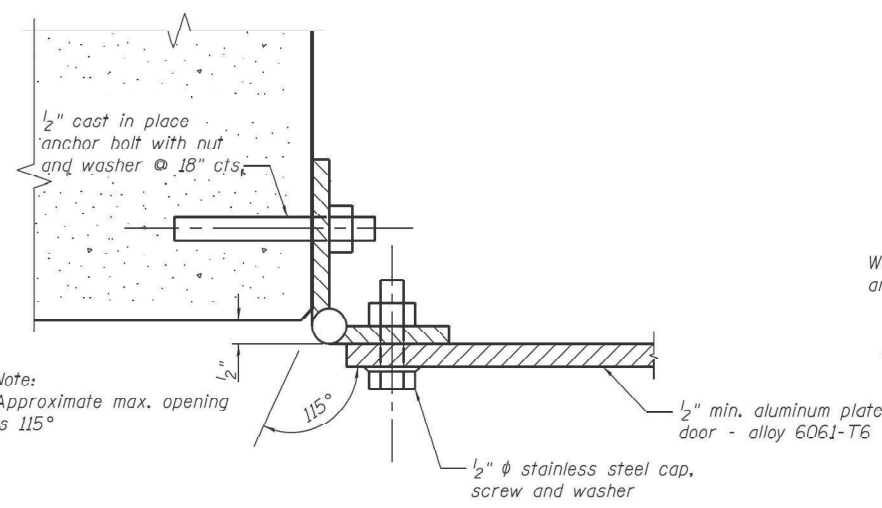


**ACCESS DOOR**

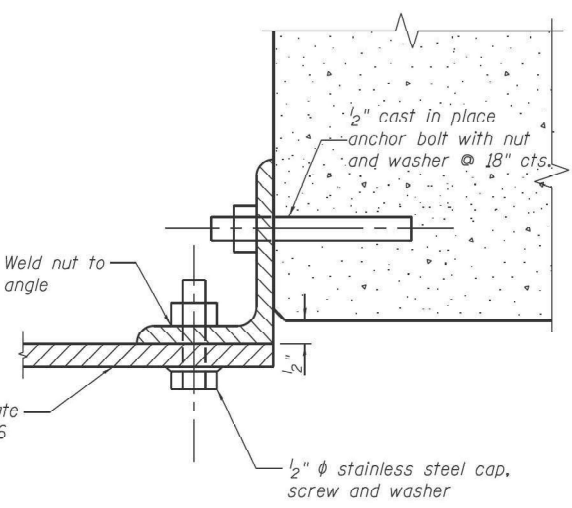
**ACCESS DOOR FRAME**

Note:  
Existing reinforcement extended into removal area shall be cleaned, straightened and incorporated into the new construction.

- Notes:
1. Cost of Access Door Removal and Replacement is included in cost of "Noise Abatement Wall Repair" (1 Door)
  2. Expansion bolts shall be 3/4" Φ hooked bolts shall extend 9" min. into existing concrete.
  3. Paint all aluminum surfaces in contact with concrete with epoxy paint.
  4. It shall be contractor's responsibility to verify all dimensions and conditions existing in the field prior to construction and ordering of materials.
  5. The doors shall be painted to match existing.



**SECTION A-A**



**SECTION B-B**

**FOR INFORMATION ONLY**

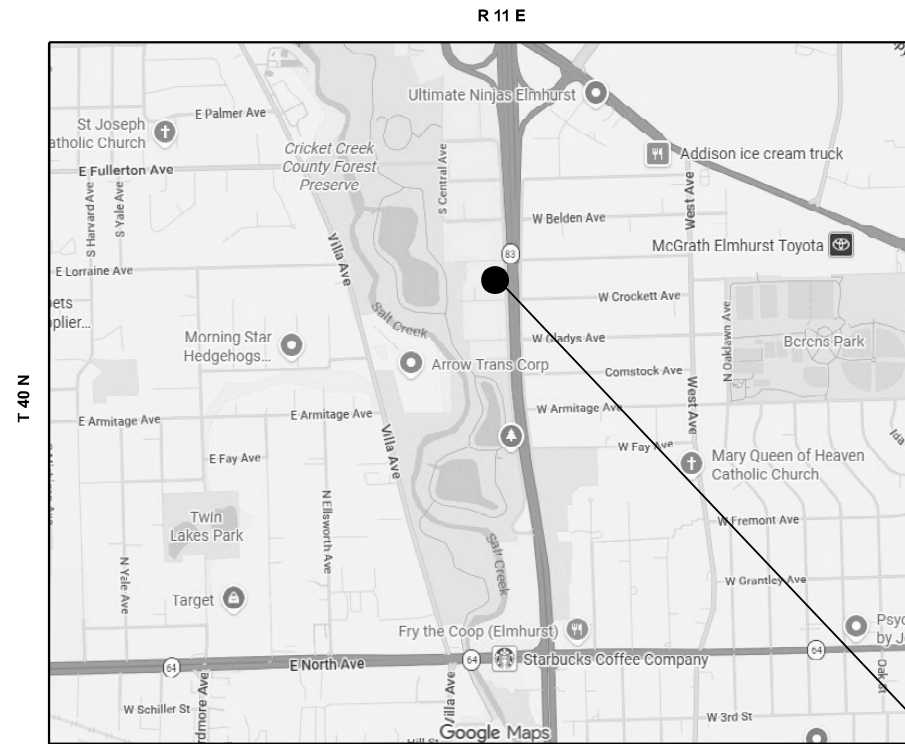
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FILE NAME: c:\p\work\1210119D\100626-shh-plan1.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 21</b>			
<b>I-80/94 EB&amp;WB ABOUT 100' WEST OF STATE LINE RD.</b>			
SCALE:	SHEET 28	OF 39 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2025-2020-I		52	36
CONTRACT NO. 80B42				
ILLINOIS   FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				



**TRAFFIC DATA**  
 IL-83  
 2025 ADT = 57900  
 SPEED LIMIT = 50 MPH

**LOCATION 22: IL-83 SB ABOUT  
 0.75 MILES NORTH OF IL-64**



**LOCATION 22**  
 IL-83 SB ABOUT 0.75 MILES NORTH OF IL-64  
 REPLACE 4' X 6' WOOD NOISE WALL

**CITY OF ELMHURST  
 ADDISON TOWNSHIP  
 DUPAGE COUNTY  
 LOCATION 22 COORDINATES: 41.916472 N, -87.966605 W**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.07

**NOTE**

REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 23 (Sheet)  
 FILE NAME: c:\p\work\wv\hassan\1210119\ID:100626-snh-plan1.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
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PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

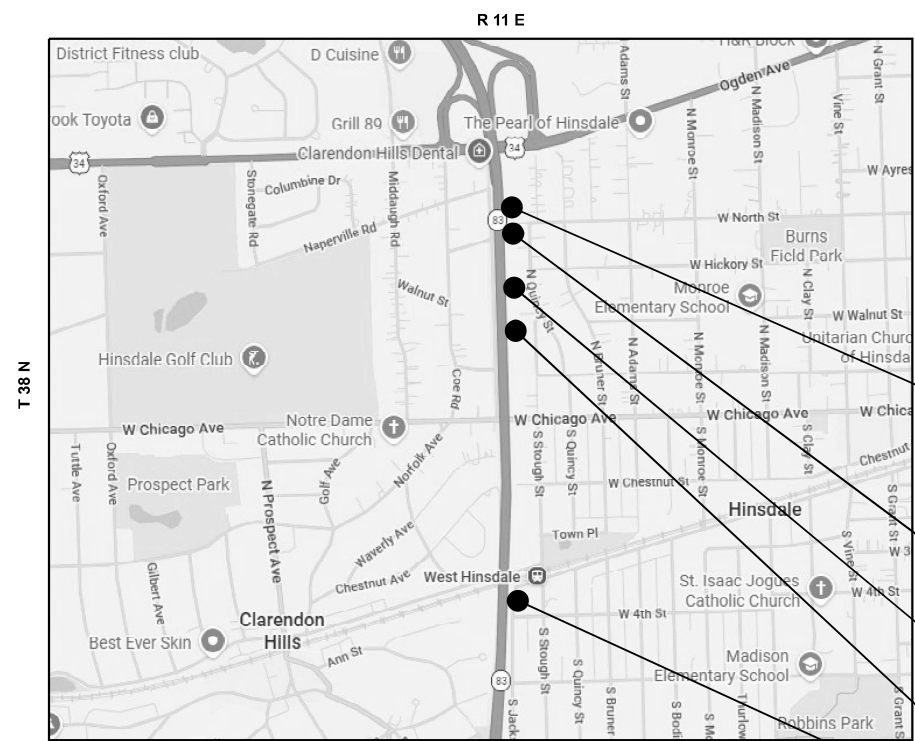
**LOCATION 22  
 IL-83 SB ABOUT 0.75 MILES NORTH OF IL-64**

SCALE: SHEET 29 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	37
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL





**TRAFFIC DATA**  
 I-83  
 2025 ADT = 66500  
 SPEED LIMIT = 50 MPH

**LOCATION 23: IL-83 NB ABOUT 0.15 MILES SOUTH OF US-34 (OGDEN AVE.)**

**LOCATION 24: IL-83 NB ABOUT 0.17 MILES SOUTH OF US-34 (OGDEN AVE.)**

**LOCATION 25: IL-83 NB ABOUT 0.30 MILES SOUTH OF US-34 (OGDEN AVE.)**

**LOCATION 26: IL-83 NB ABOUT 0.35 MILES SOUTH OF US-34 (OGDEN AVE.)**

**LOCATION 27: IL-83 NB NEAR BURLINGTON AVE./RAILROAD**

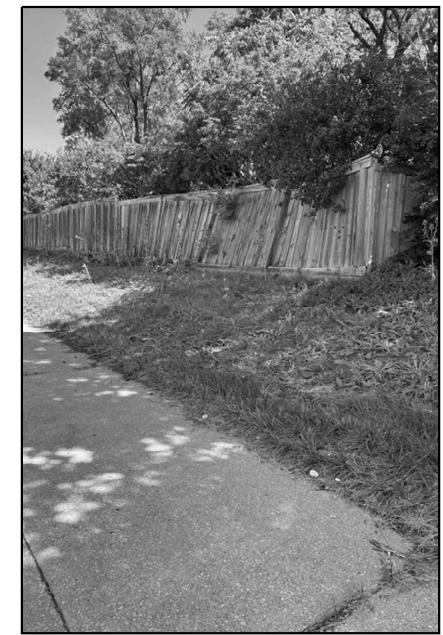
**VILLAGE OF HINSDALE & CLAREDON HILLS  
 DOWNERS GROVE TOWNSHIP  
 DUPAGE COUNTY**

- LOCATION 23 COORDINATES: 41.808302 N, -87.946589 W**
- LOCATION 24 COORDINATES: 41.808254 N, -87.946557 W**
- LOCATION 25 COORDINATES: 41.806227 N, -87.946615 W**
- LOCATION 26 COORDINATES: 41.805584 N, -87.946507 W**
- LOCATION 27 COORDINATES: 41.798432 N, -87.946466 W**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.35

**NOTE**  
 REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.



**LOCATION 23**  
 IL-83 NB ABOUT 0.15 MILES SOUTH OF US-34 (OGDEN AVE.)  
 REPLACE THREE SECTIONS 9' X 6' EACH WOOD NOISE WALL WITH POSTS



**LOCATION 24**  
 IL-83 NB ABOUT 0.17 MILES SOUTH OF US-34 (OGDEN AVE.)  
 REPLACE TWO SECTIONS 9' X 6' EACH WOOD NOISE WALL WITH POSTS



**LOCATION 25**  
 IL-83 NB ABOUT 0.30 MILES SOUTH OF US-34 (OGDEN AVE.)  
 REPLACE EIGHT SECTIONS 9' X 12' EACH WOOD NOISE WALL WITH POSTS



**LOCATION 26**  
 IL-83 NB ABOUT 0.35 MILES NORTH OF US-34 (OGDEN AVE.)  
 REPLACE EIGHT SECTIONS 8' X 12' EACH WOOD NOISE WALL WITH POSTS



**LOCATION 27**  
 IL-83 NB NEAR BURLINGTON AVE./RAILROAD  
 REPLACE FIVE SECTIONS 8' X 12' EACH WOOD NOISE WALL WITH POSTS

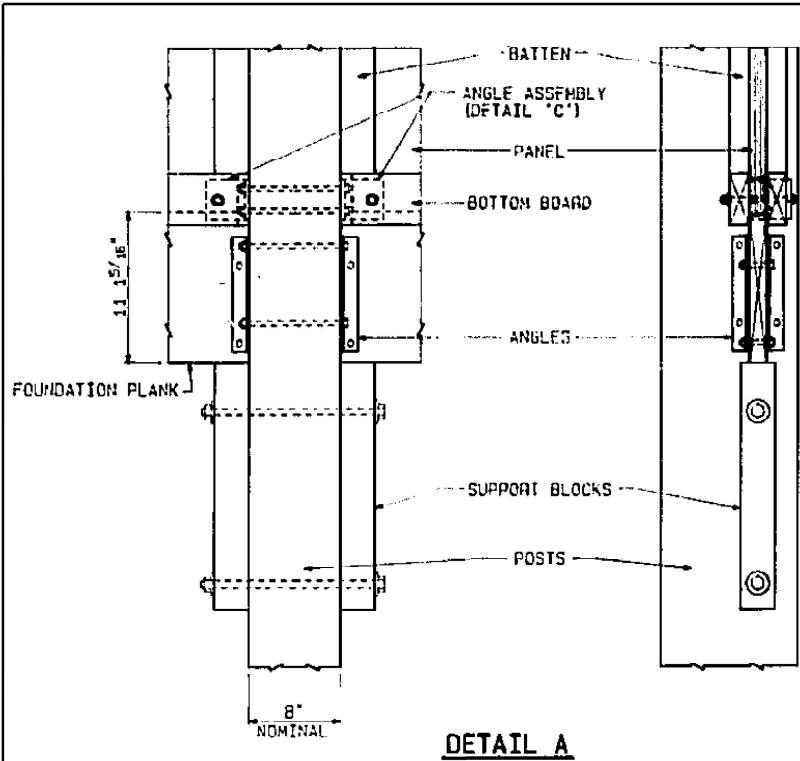
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USER NAME = naveed,hassan	DESIGNED -	REVISED -
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PLOT DATE = 5/15/2026	DATE -	REVISED -

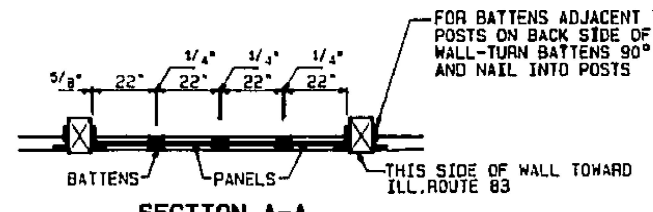
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 23, 24, 25, 26 &amp; 27</b>			
<b>IL-83 FROM OGDEN AVE TO 55TH ST.</b>			
SCALE:	SHEET 31	OF 39 SHEETS	STA. TO STA.

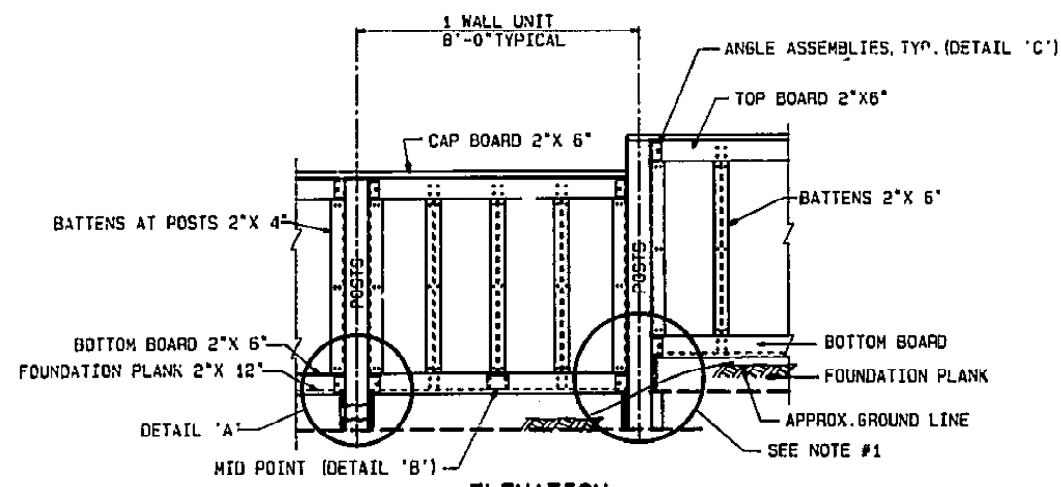
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	39
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				



**DETAIL A**

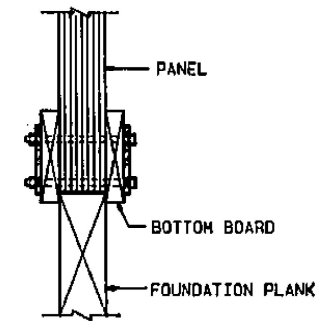


**SECTION A-A**

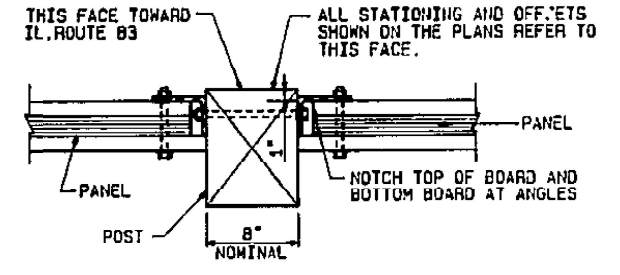


**ELEVATION**

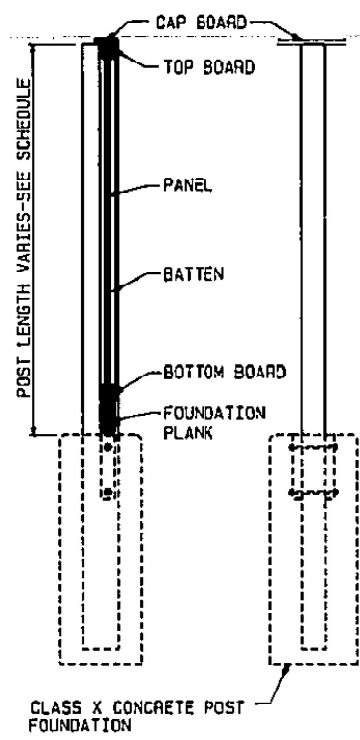
**WOOD POST LAMINATE NOISE WALL**



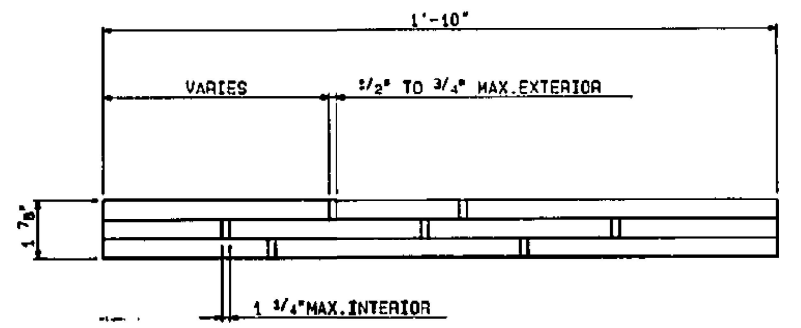
**DETAIL B**



**DETAIL C**



**POST DETAIL**



**PANEL LAMINATION DETAIL**

MODEL: Location 26 Detail (Sheet)  
 FILE NAME: c:\p\work\w\h\hassan\1210119\100626-snh-plan2.dgn

USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 23, 24, 25, 26 & 27  
IL-83 FROM OGDEN AVE TO 55TH ST.**

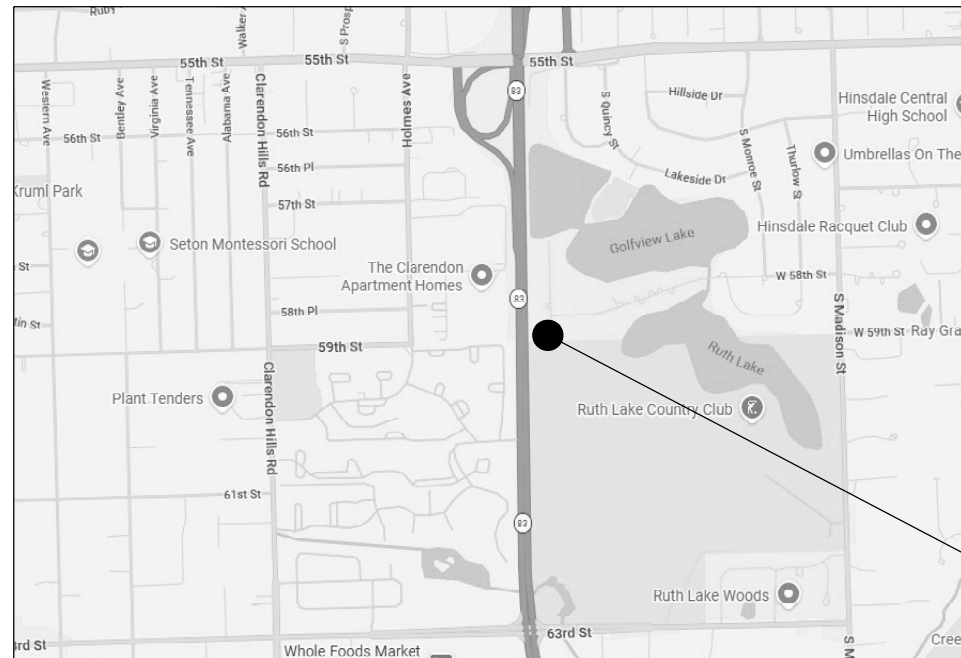
SCALE: SHEET 32 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	40
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL

R 11 E

T 38 N



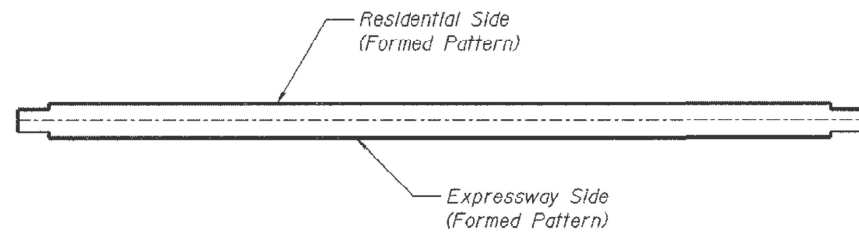
**TRAFFIC DATA**  
 I-83  
 2025 ADT = 66500  
 SPEED LIMIT = 50 MPH

LOCATION 28  
 IL-83 NB ABOUT  
 0.50 MILES OF 55TH ST.

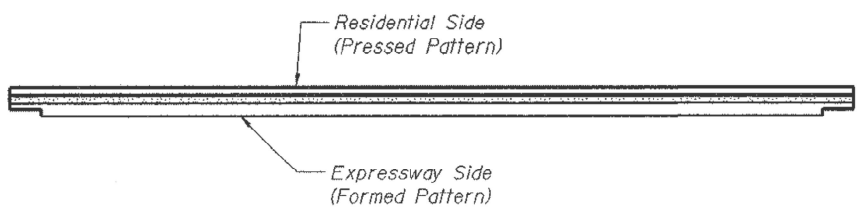
**VILLAGE OF CLAREDON HILLS  
 DOWNERS GROVE TOWNSHIP  
 DUPAGE COUNTY  
 MCHD CLAIM # 1-0001525**



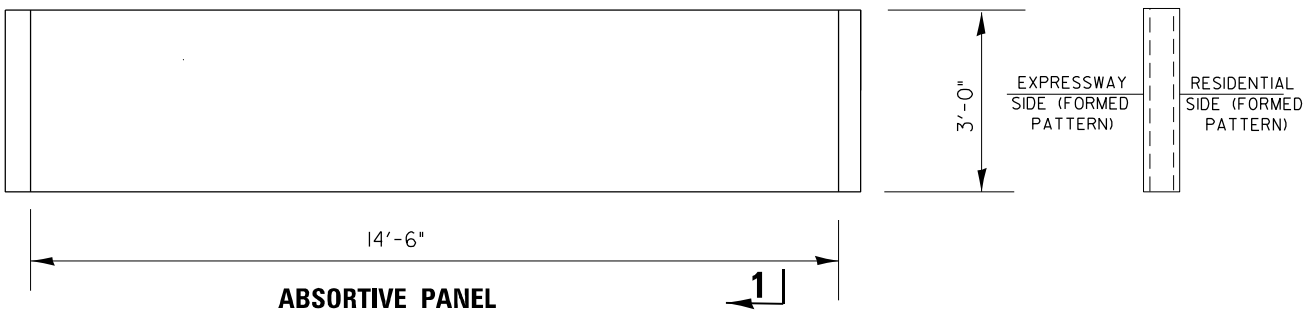
**DURISOL TYPE WALL  
 REPLACE TWO 14.5 FT X 15 FT PANELS & SUPPORT**



**SECTION B-B THRU PRECAST PANEL**



**SECTION B-B THRU ABSORPTIVE PANEL**



**ABSORPTIVE PANEL**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.07

**NOTE**

REINFORCEMENT AND LIFTING BARS TO BE DETERMINED BY MANUFACTURER.  
 CONTRACTOR SHALL MATCH EXISTING COLOR AND PATTERN FOR PANEL REPLACEMENT.  
 REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

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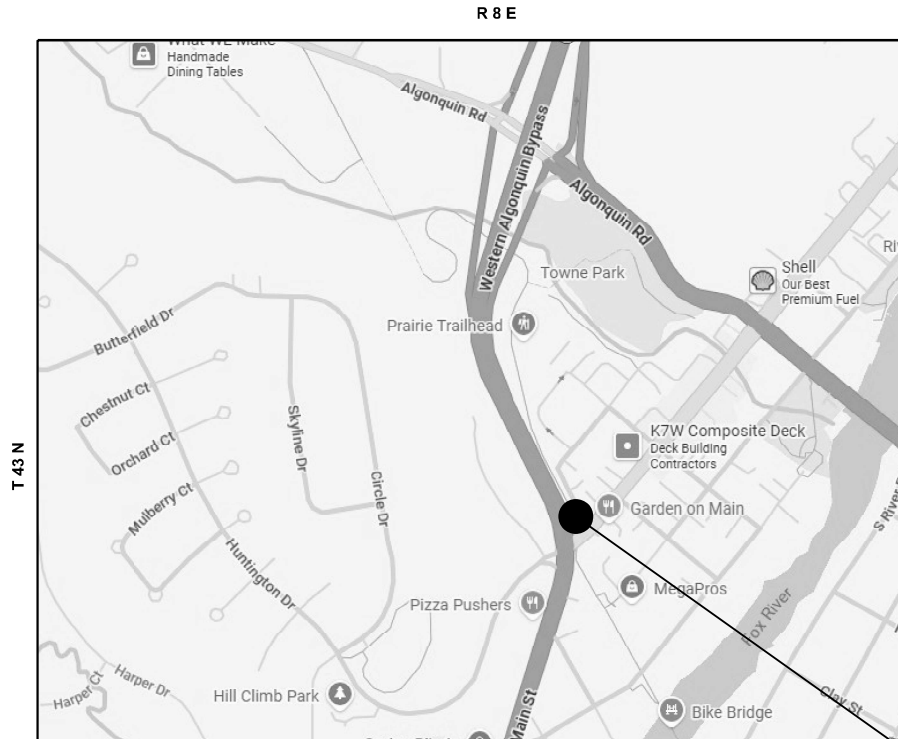
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 28</b>			
<b>IL-83 NB ABOUT 0.50 MILES OF 55TH ST.</b>			
SCALE:	SHEET 33	OF 39 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	41
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



N  
↑  
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**TRAFFIC DATA**  
IL-31  
2025 ADT = 18900  
SPEED LIMIT = 40 MPH

**VILLAGE OF ALGONQUIN  
ALGONQUIN TOWNSHIP  
MC HENRY COUNTY  
LOCATION 29 COORDINATES: 41.164389 N, -88.295486 W  
MCHD CLAIM # 836838**

LOCATION 29: IL-31 ABOUT 0.40 MILES SOUTH OF IL-62 (ALGONQUIN RD.)



**LOCATION 29  
IL-31 ABOUT 0.40 MILES SOUTH OF IL-62 (ALGONQUIN RD.)  
REPLACE APPX. 7' BY 12' PRECAST CONCRETE NOISE WALL**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.07

**NOTE**

REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 32 (Sheet)  
FILE NAME: c:\p\work\wv\hassan\1210119\100626-snr-plan2.dgn

USER NAME = naveed,hassan	DESIGNED -	REVISED -
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PLOT DATE = 5/15/2026	DATE -	REVISED -

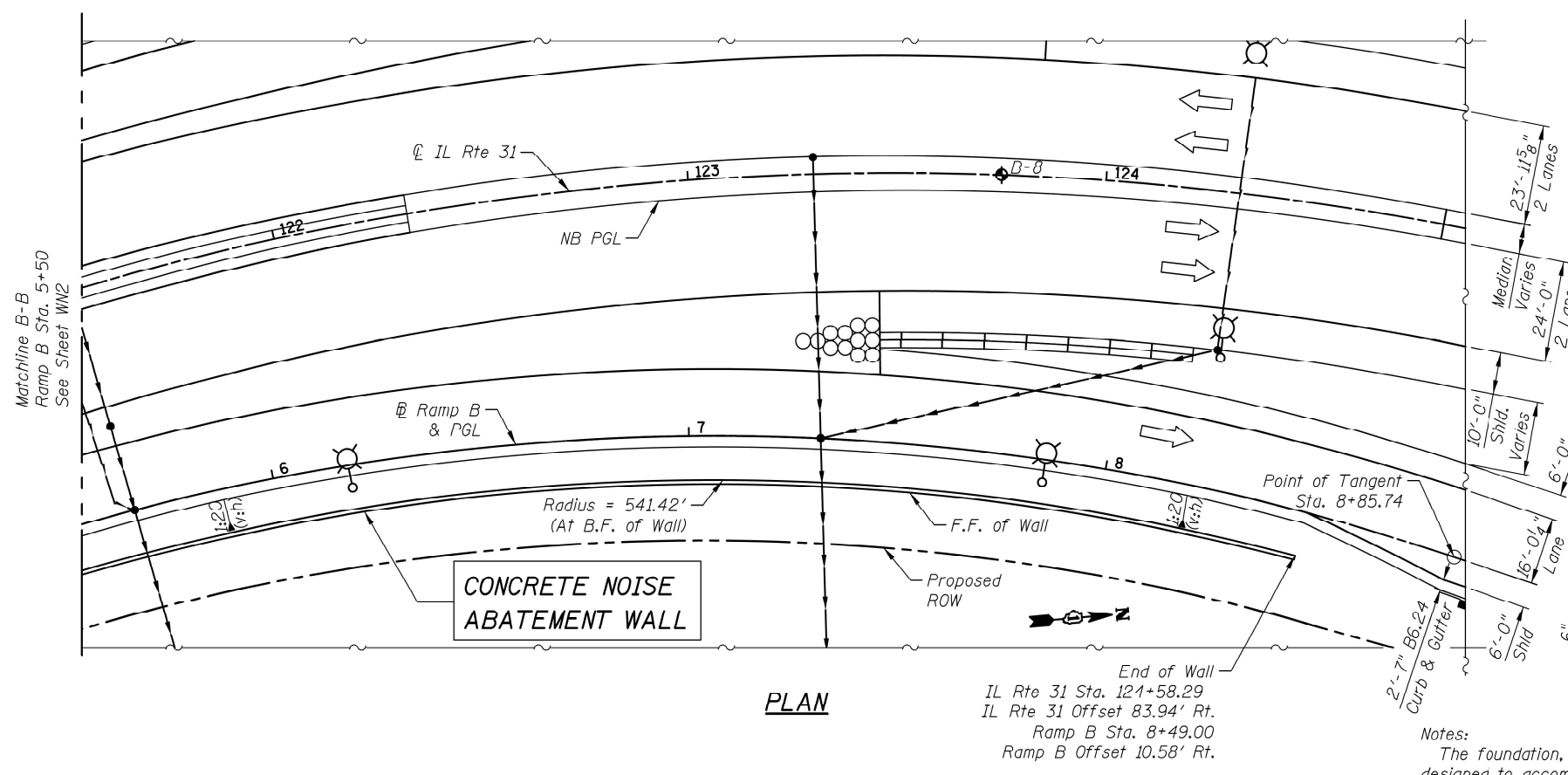
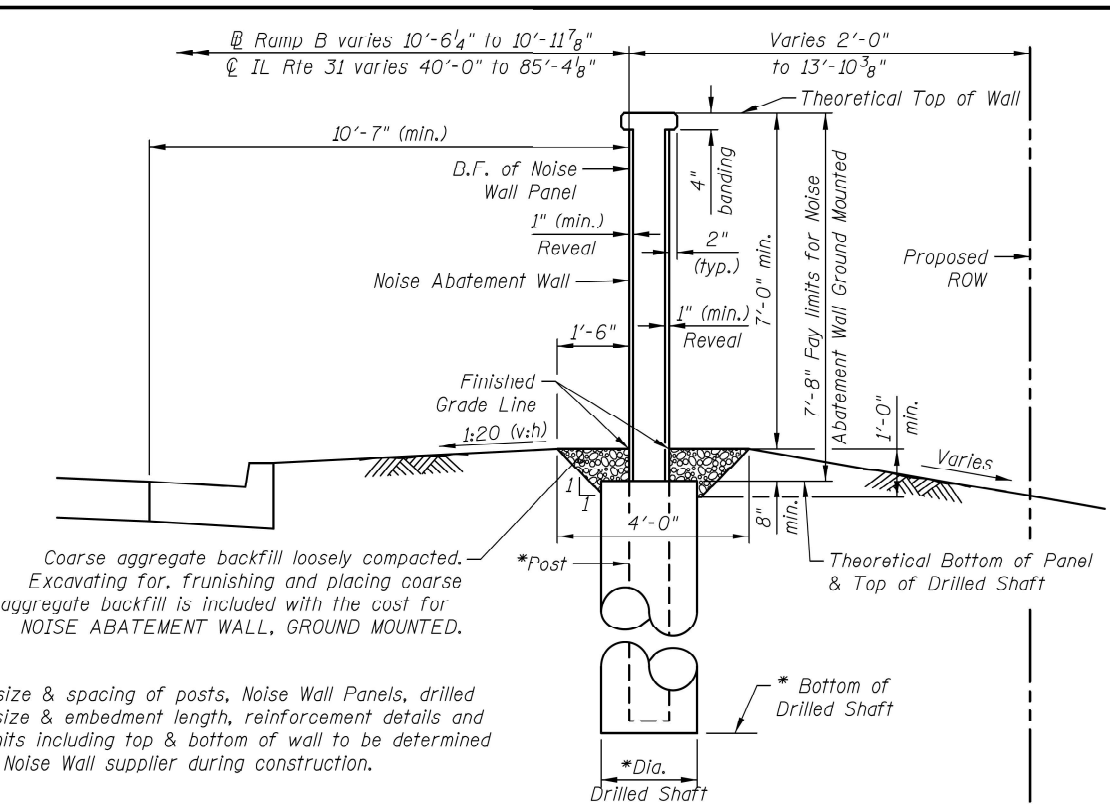
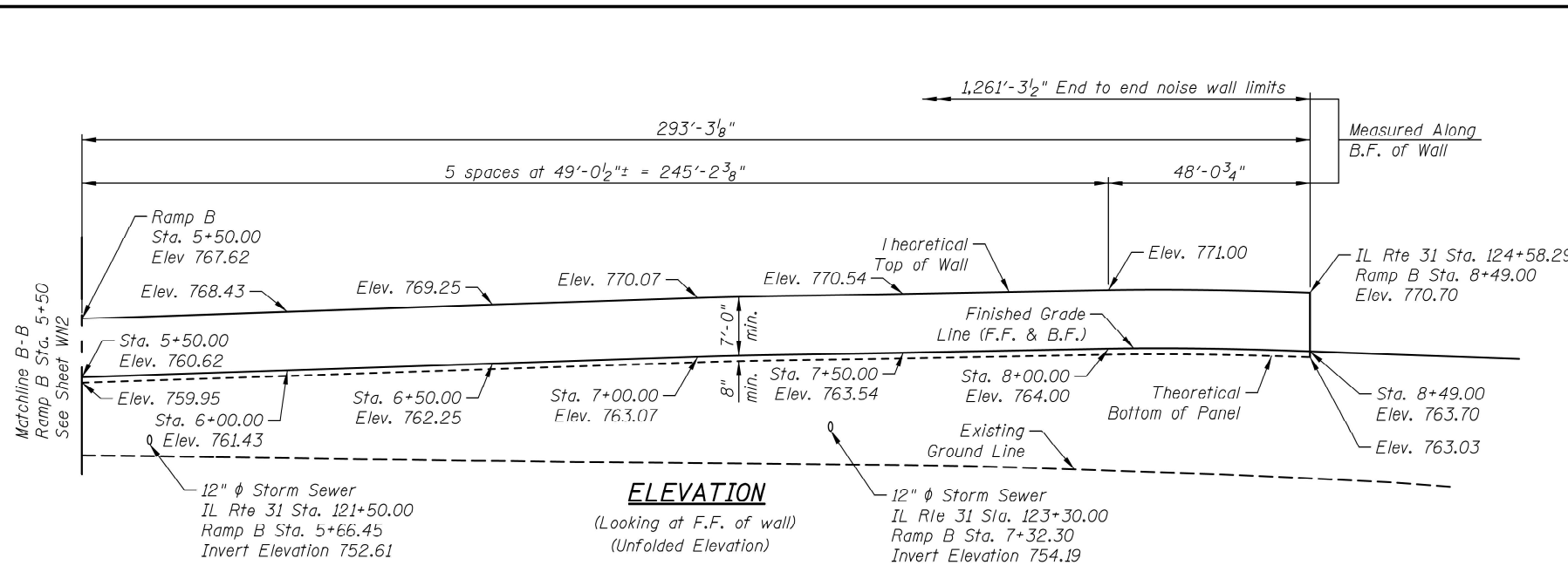
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 29  
IL-31 ABOUT 0.40 MILES SOUTH OF IL-62 (ALGONQUIN RD.)**

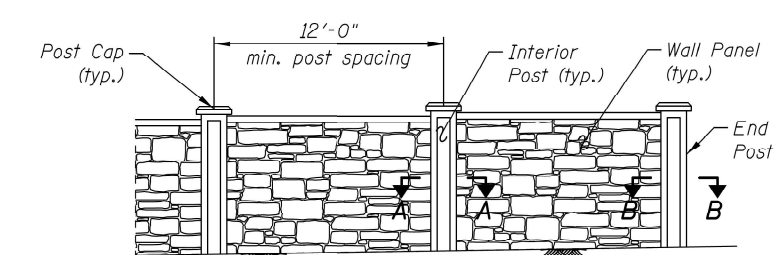
SCALE: SHEET 34 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	42
CONTRACT NO. 80B42				

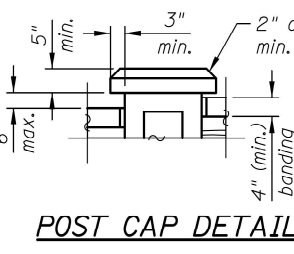
ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



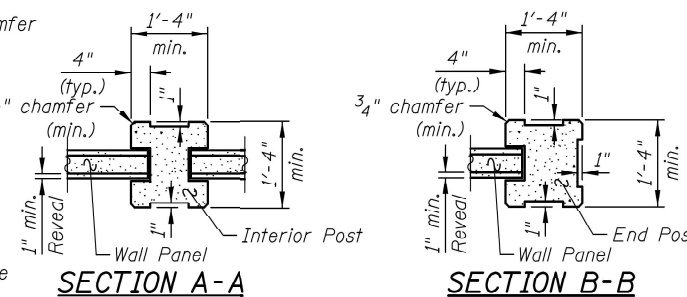
TYPICAL SECTION THRU NOISE WALL



PARTIAL NOISE ABATEMENT WALL ELEVATION



POST CAP DETAIL



SECTION A-A

SECTION B-B

GENERAL PLAN & ELEVATION III  
CONCRETE NOISE ABATEMENT WALL

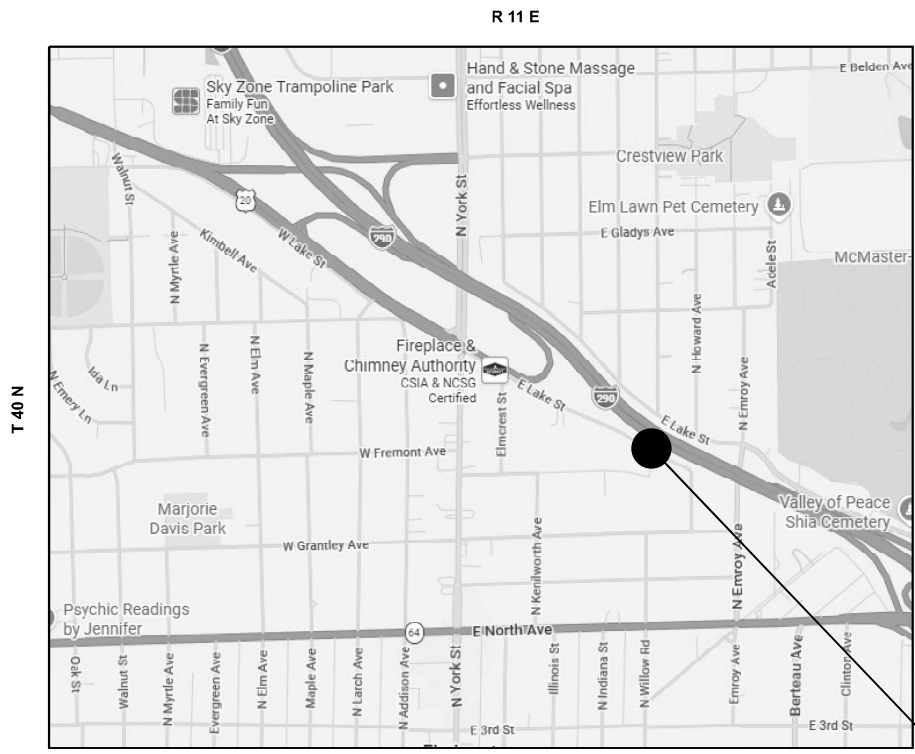
- LEGEND**
- ◆ Soil Borings
  - Proposed Storm Sewer
  - Proposed Pipe Underdrain

Notes:  
The foundation, posts & noise wall panels shall be designed to accommodate the ultimate or maximum Noise Wall height and earth retention conditions.

MODEL: Location 32 Detail (Sheet)  
FILE NAME: c:\pwworking\hassan\12101191D\100526-shh-plan2.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOCATION 29 IL-31 ABOUT 0.40 MILES SOUTH OF IL-62 (ALGONQUIN RD.)</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -		SCALE:	SHEET 35	OF 39 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	52	43
	CHECKED -	REVISED -							VARIOUS		
PLOT DATE = 5/15/2026	DATE -	REVISED -							CONTRACT NO. 80B42		

\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



**TRAFFIC DATA**  
 I-290  
 2025 ADT = 147600  
 SPEED LIMIT = 55 MPH

**CITY OF ELMHURST  
 ADDISON TOWNSHIP  
 DUPAGE COUNTY  
 LOCATION 30 COORDINATES: 41.91039 N, -87.93370 W**

**LOCATION 30: I-290 EB ABOUT  
 0.15 MILES WEST OF EMROY AVE.**



**LOCATION 30  
 I-290 EB ABOUT 0.15 MILES EAST OF EMROY AVE.  
 REPLACE ONE SECTION 12' X 10' WOOD NOISE WALL**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.07

**NOTE**

REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 33 (Sheet)  
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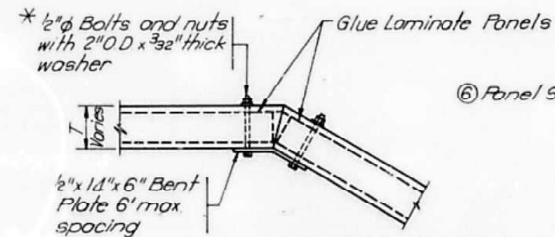
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 30    I-290 EB ABOUT 0.15 MILES EAST OF EMROY AVE.</b>	
SCALE:	SHEET 36 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	44
CONTRACT NO. 80B42				

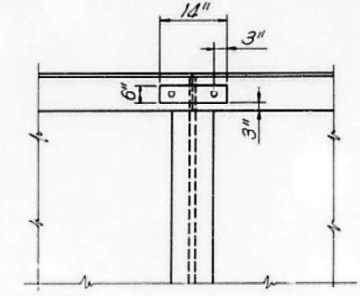
ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



TOP VIEW

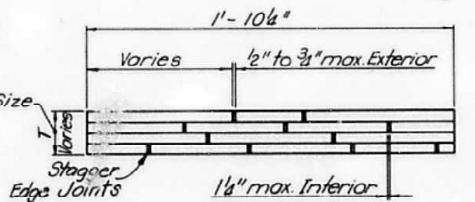
Notes: Plates to be centered on 2x8 and minimum spacing to be four panels. Bent Plate to be used at PI's and corners only.

\* All Nuts, Bolts, Washer and Bent Plates shall conform to section 710 of the Standard Specifications as applicable and to the Special Provisions.

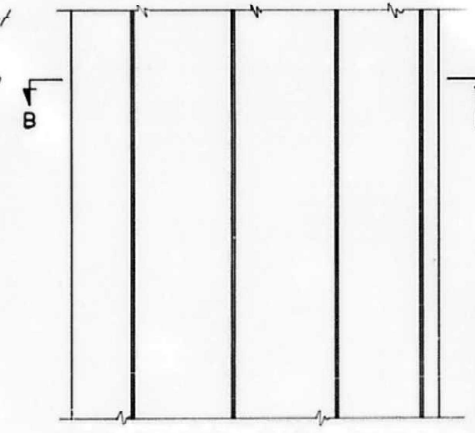


ELEVATION

BENT PLATE DETAIL

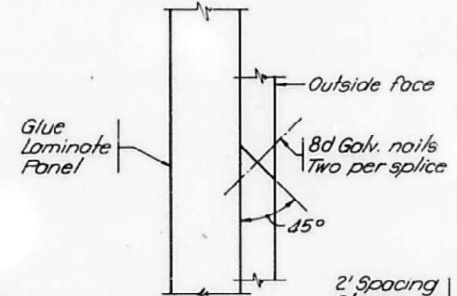


SECTION B-B



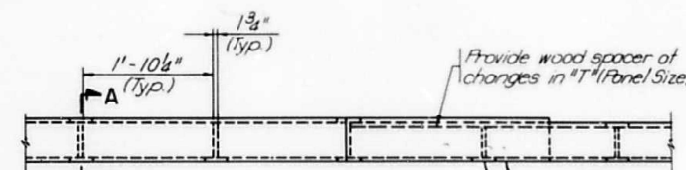
ELEVATION

PANEL DETAIL



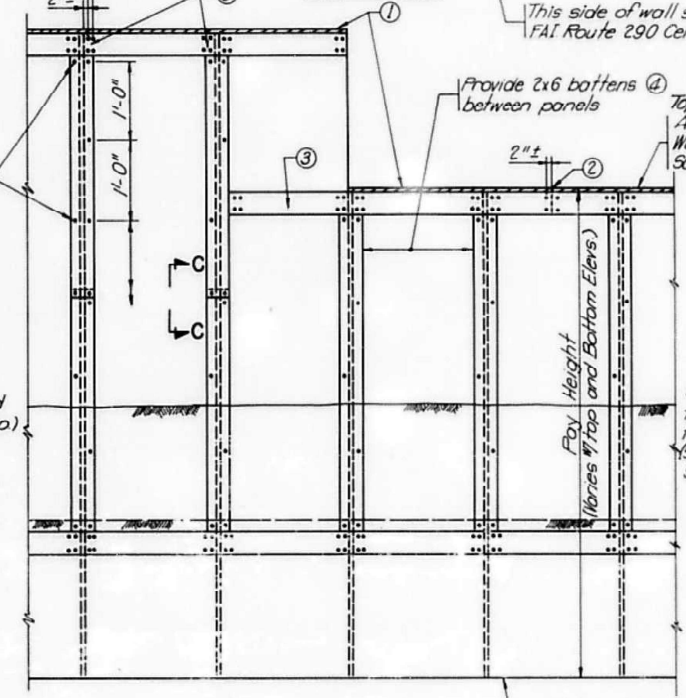
SECTION C-C Permissible Batten Splice (Typ)

- ① - 1" nom. cap board to cover top of panel. Fasten to 2x8's with four 8d galv. nails per panel. Incidental to wall construction.
- ② - Minimum distance between opposite splices in top plates is to be 4ft and approx. centered on panel. Four 16d galv. ring shank nails per splice (Typ).
- ③ - Overlay 2x8 top plate approximately 1 panel width when changing wall heights.
- ④ - On both faces the battens shall be placed on every opening between panels.
- ⑤ - Eight 16d galv. ring shank nails per panel top and bottom (Typ). Space as shown.
- ⑥ - Panel size "T" varies, see W. and Laminate Noise Wall schedule.



TOP VIEW

All stationing and offsets shown on the Plans refer to this wall face. This side of wall shall face FAI Route 290 Center Line.

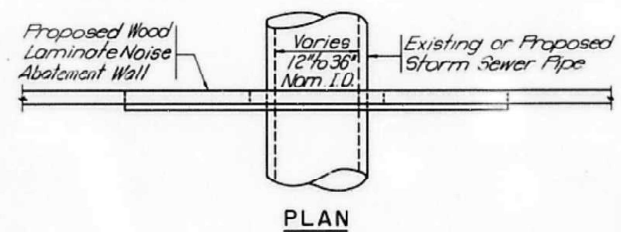


ELEVATION

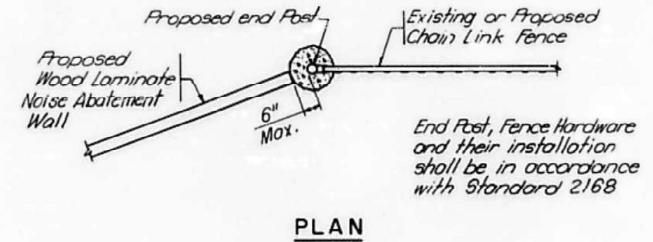
SECTION A-A With Earth Fill

SECTION A-A Without Earth Fill

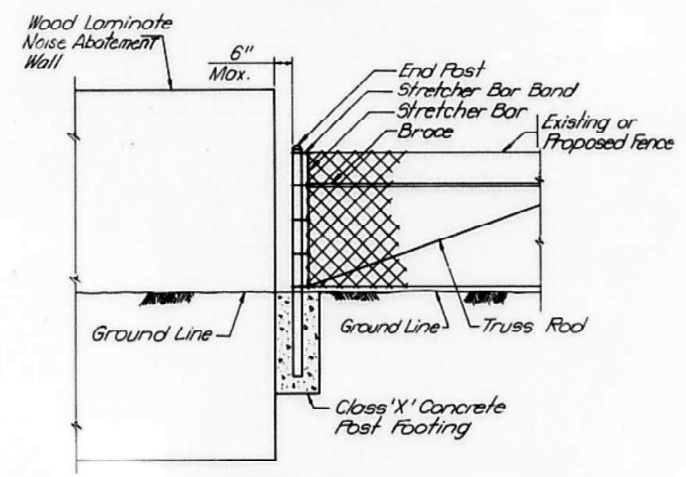
WALL DETAIL



PLAN



PLAN



ELEVATION

TRANSITION TO A/C FENCE

MODEL: Location 33 Detail (Sheet)  
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USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

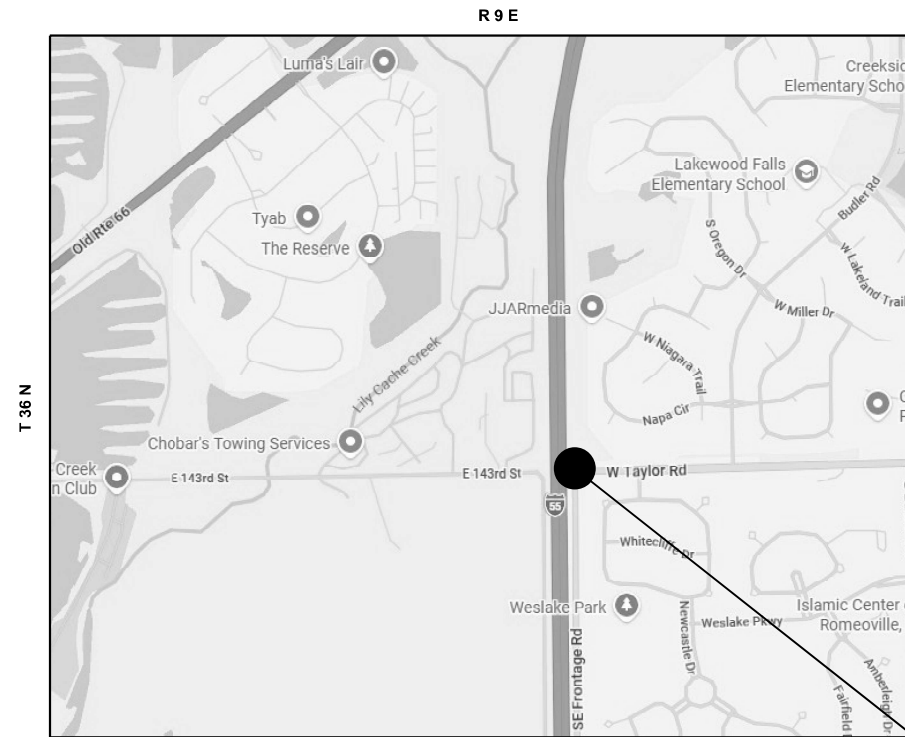
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 30  
I-290 EB ABOUT 0.15 MILES EAST OF EMROY AVE.

SCALE: SHEET 37 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	45
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



**TRAFFIC DATA**  
 I-55  
 2025 ADT = 85100  
 SPEED LIMIT = 65 MPH

**VILLAGE OF ELMHURST  
 PLAINFIELD TOWNSHIP  
 WILL COUNTY**  
**LOCATION 31 COORDINATES: 41.623521 N, -88.163196 W**

**LOCATION 31: I-55 NB AT W. TAYLOR RD.**



**LOCATION 31**  
**I-55 NB AT W. TAYLOR RD.**  
**REPLACE ONE SECTION 20' 5" X 17' NOISE WALL**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.07

**NOTE**

REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 31 (Sheet)  
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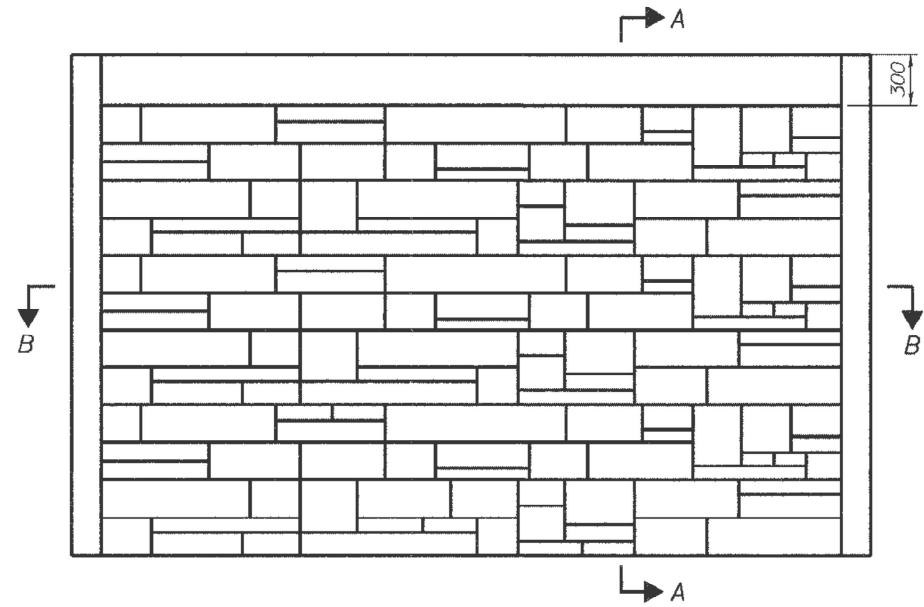
USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

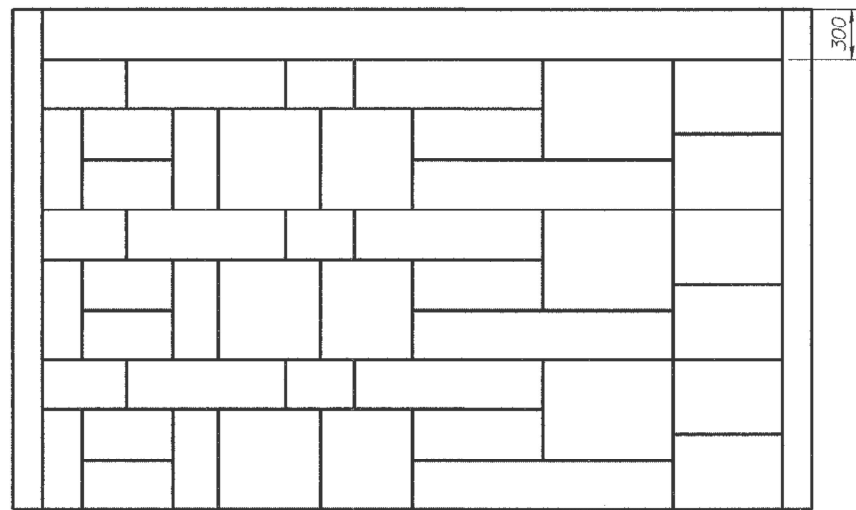
<b>LOCATION 31</b>			
<b>I-55 NB AT W. TAYLOR RD.</b>			
SCALE:	SHEET 38	OF 39 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	46
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				

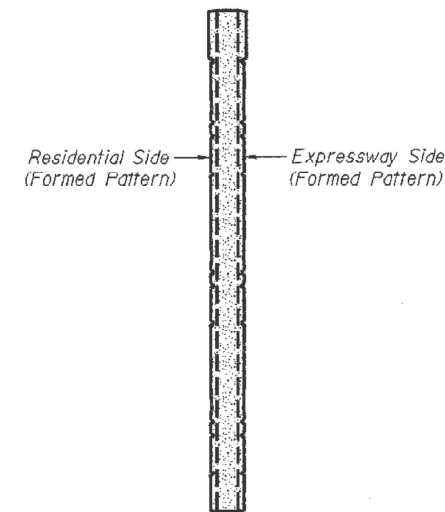
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



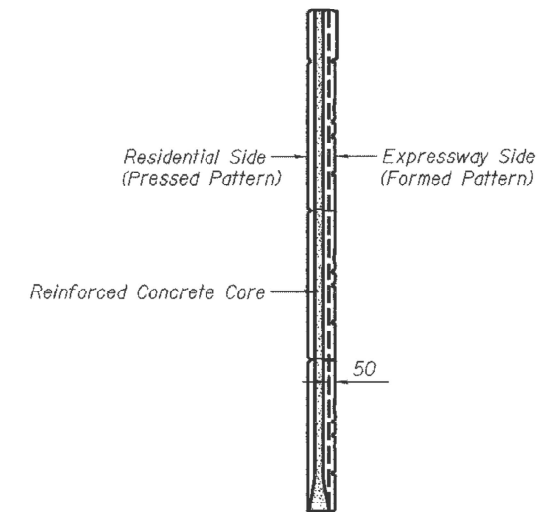
**FORMED ASHLAR STONE PATTERN**  
 (Absorptive Panel - Expressway Side only)  
 (Precast Panel - Expressway & Residential Sides)



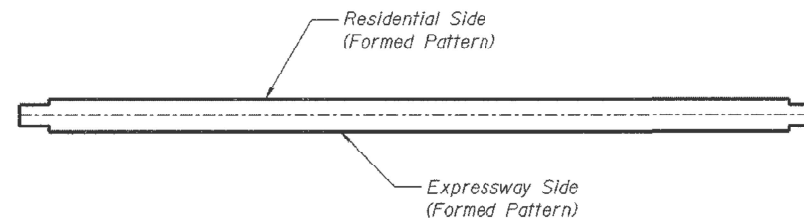
**PRESSED ASHLAR STONE PATTERN**  
 (Absorptive Panel - Residential Side only)



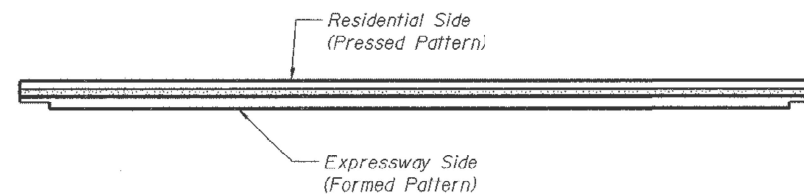
**SECTION A-A THRU PRECAST PANEL**



**SECTION A-A THRU ABSORPTIVE PANEL**



**SECTION B-B THRU PRECAST PANEL**



**SECTION B-B THRU ABSORPTIVE PANEL**

**Notes:**

Reinforcement and Lifting Bars to be determined by manufacturer.  
 All dimensions in mm (millimeters) unless noted otherwise.  
 The panel texturing shown shall be used for all panels.  
 The manufacturer shall prepare four differing panel patterns to be used in random order along the noise abatement wall.  
 Panels and concrete columns shall be colored as specified in the Special Provisions. Alternate steel posts, if used, shall be painted matching color. Samples of panel texturing and coloring shall be submitted to the Department for approval in accordance with the Special Provision for Noise Abatement Wall.

MODEL: Location 31 Detail (Sheet)  
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USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

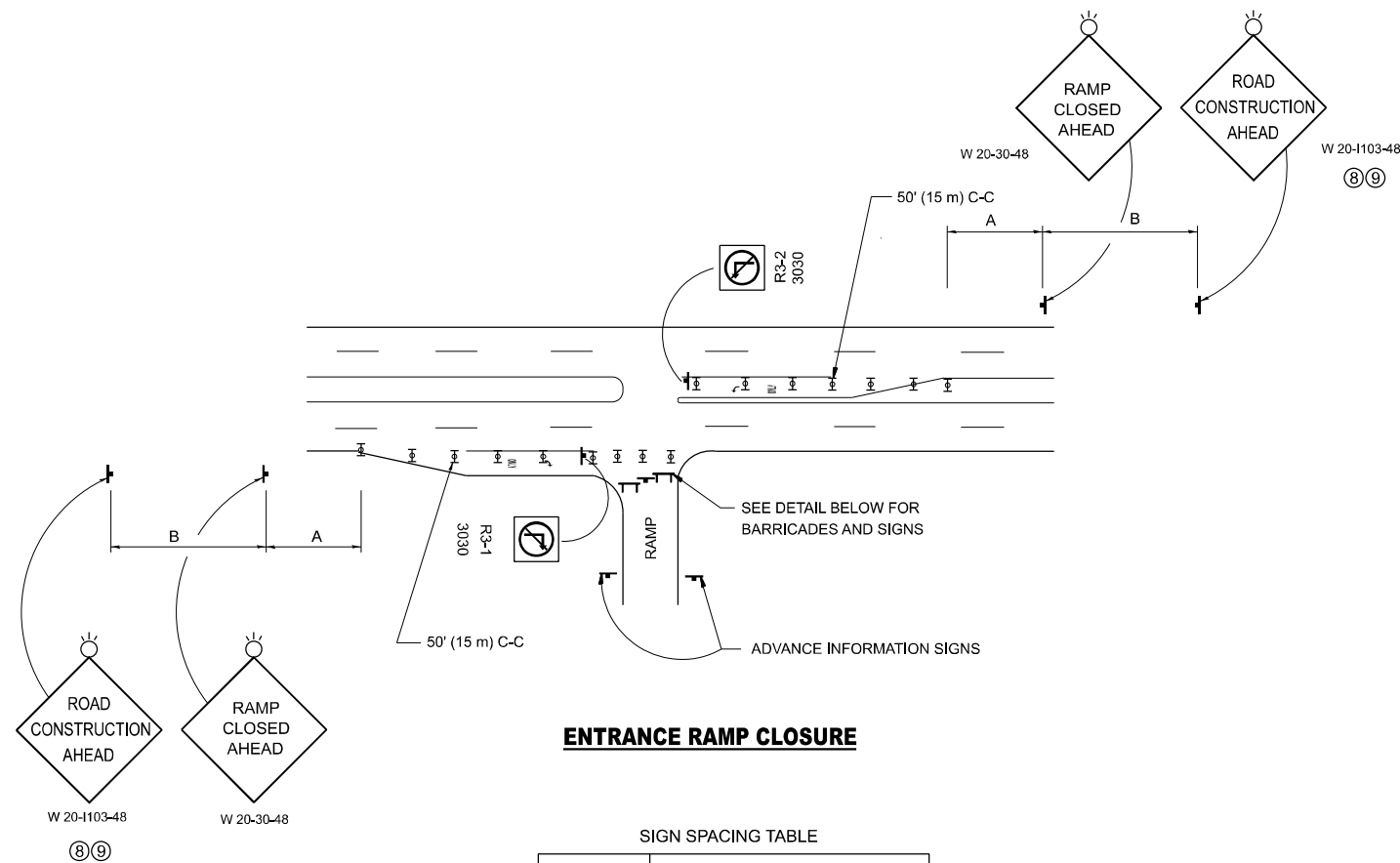
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LOCATION 31**  
**I-55 NB AT W. TAYLOR RD.**

SCALE: SHEET 39 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	47
CONTRACT NO. 80B42				

ILLINOIS FED. AID PROJECT  
 \* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL

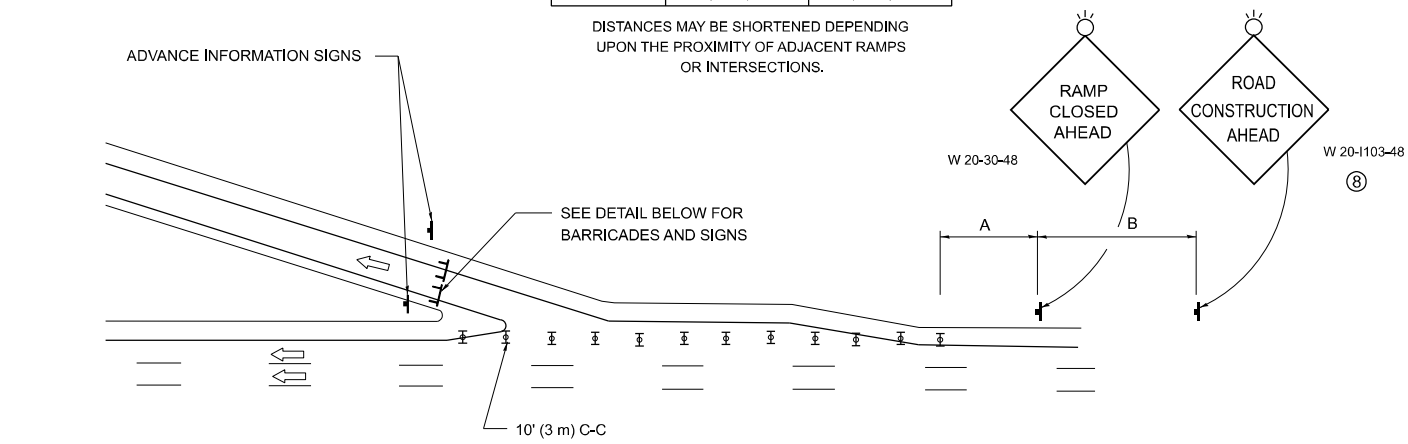


**ENTRANCE RAMP CLOSURE**

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

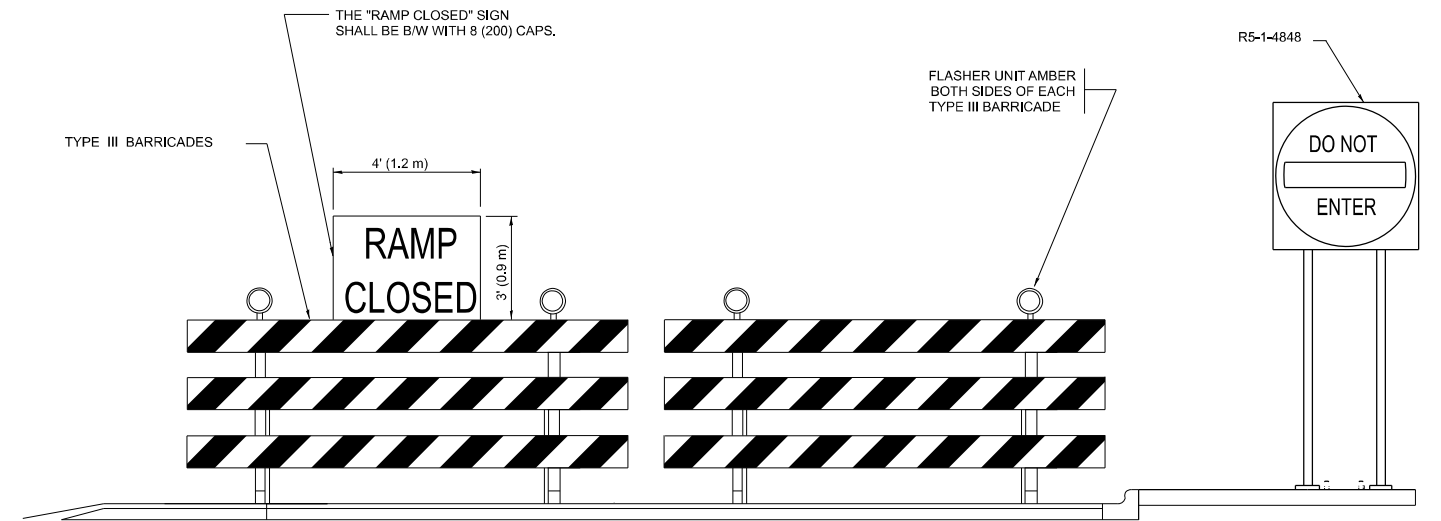
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



**EXIT RAMP CLOSURE**

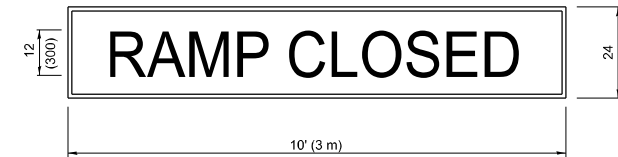
**SYMBOLS**

- ▬ TYPE II BARRICADE OR DRUM
- ▬ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



**DETAIL FOR REQUIRED BARRICADES & SIGNS**

**RAMP CLOSURE ADVANCE WARNING SIGN**



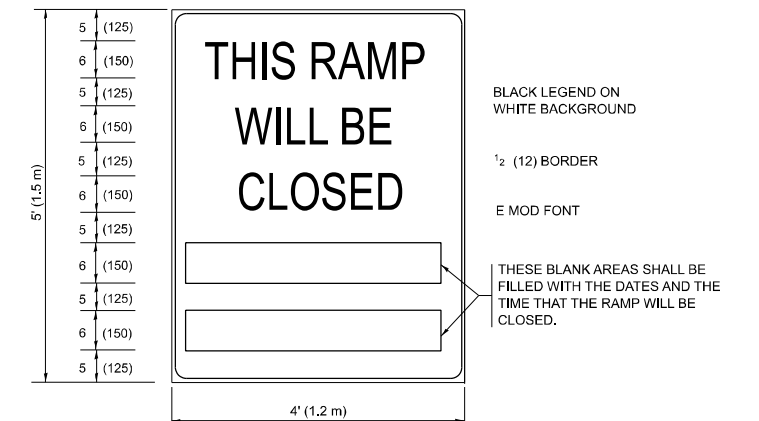
BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY  
E MOD FONT  
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

**RAMP CLOSURE ADVANCE INFORMATION SIGN**



BLACK LEGEND ON WHITE BACKGROUND

1/2 (12) BORDER

E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

**GENERAL NOTES:**

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

MODEL: TC-08 (Sheet)  
FILE NAME: c:\p\work\hassan\1210119\100626-shr-Dist\Stds.dgn

USER NAME = naveed.hassan	DESIGNED - D.W.S.	REVISED - S.P.B._12-09
	DRAWN - M.D._06-13	REVISED - M.D._06-13
	CHECKED -	REVISED - M.D._01-18
PLOT DATE = 5/15/2026	DATE - 02-83	REVISED - D.S._05-25

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

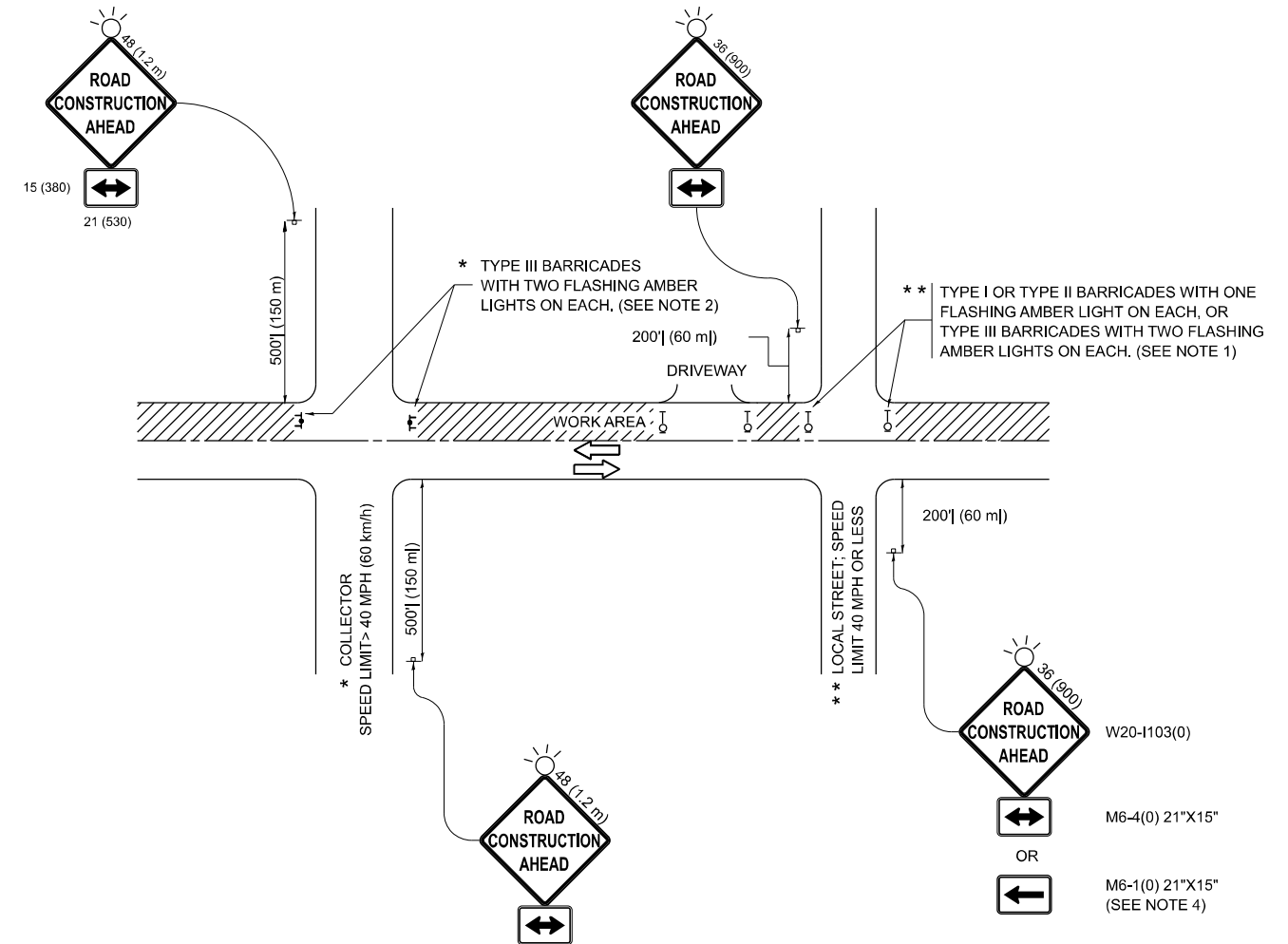
**ENTRANCE AND EXIT RAMP  
CLOSURE DETAILS**

SCALE: NONE SHEET 11 OF 52 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	48
<b>TC-08</b>			CONTRACT NO. 80B42	

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL





**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.

MODEL: TC-10 (Sheet)  
FILE NAME: c:\p\work\pwr\hassan\12101191D100626-shh-Dist\Stds.dgn

USER NAME = naveed.hassan	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
	DRAWN -	REVISED - A. SCHUETZE 07-01-13
	CHECKED -	REVISED - A. SCHUETZE 09-15-06
PLOT DATE = 5/15/2026	DATE - 06-89	REVISED - D. SENDERAK 05-03-25

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

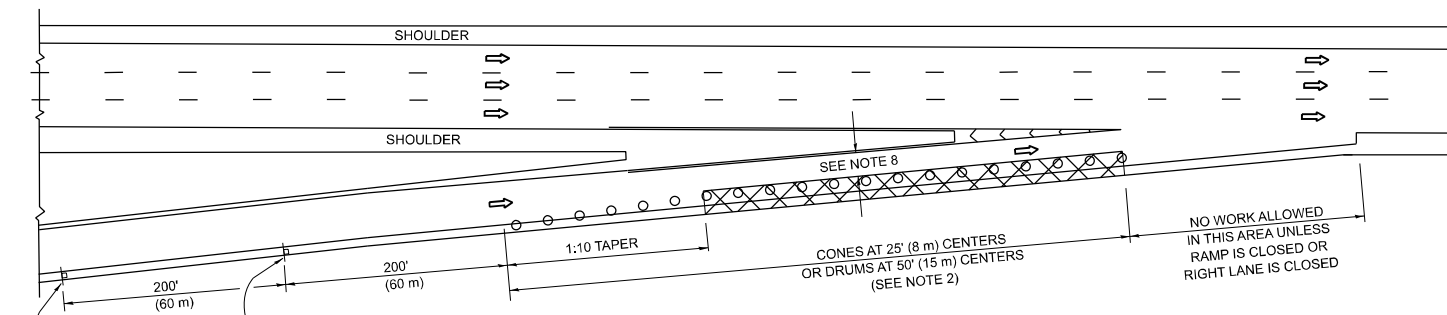
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: SHEET 3 OF 52 SHEETS STA. TO STA.

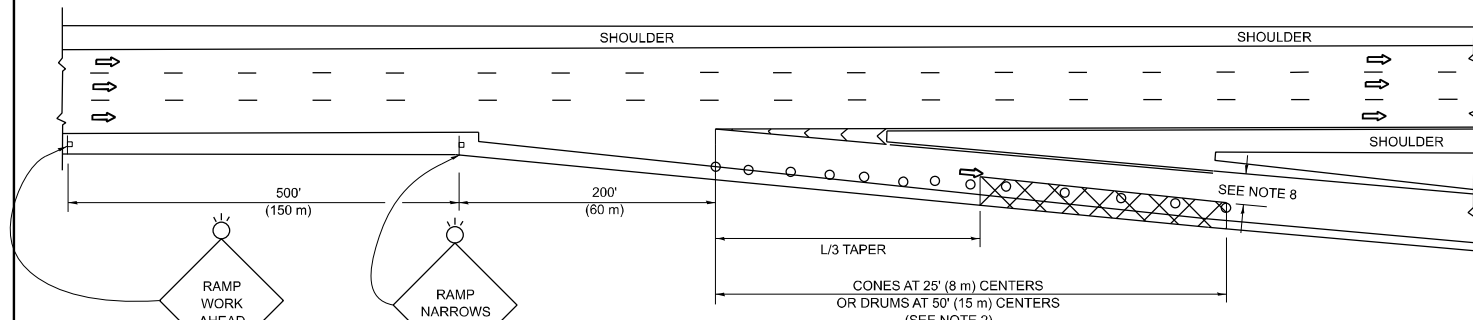
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	50
<b>TC-10</b>			CONTRACT NO. 80B42	

ILLINOIS FED. AID PROJECT  
\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL

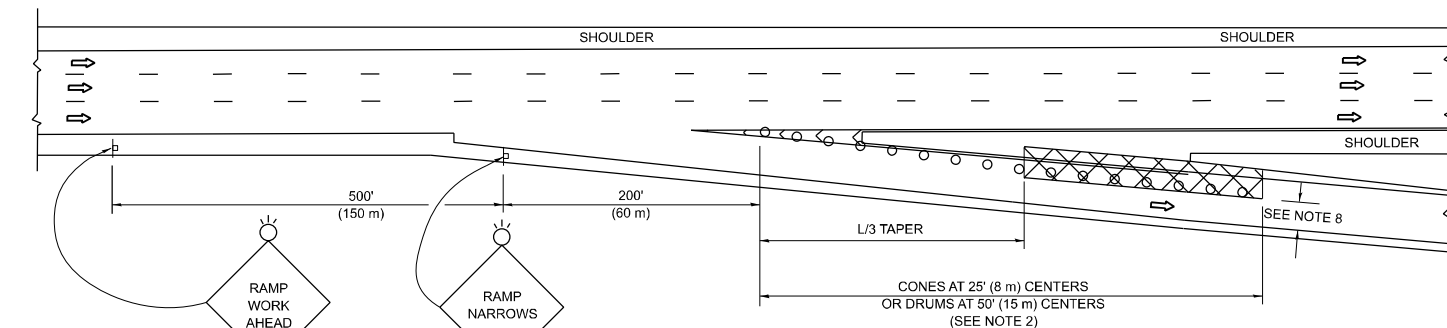
**PARTIAL RAMP CLOSURE DETAILS**



**TYPICAL ENTRANCE RAMP**



**TYPICAL EXIT RAMP**



**TYPICAL EXIT RAMP**

**SYMBOLS**

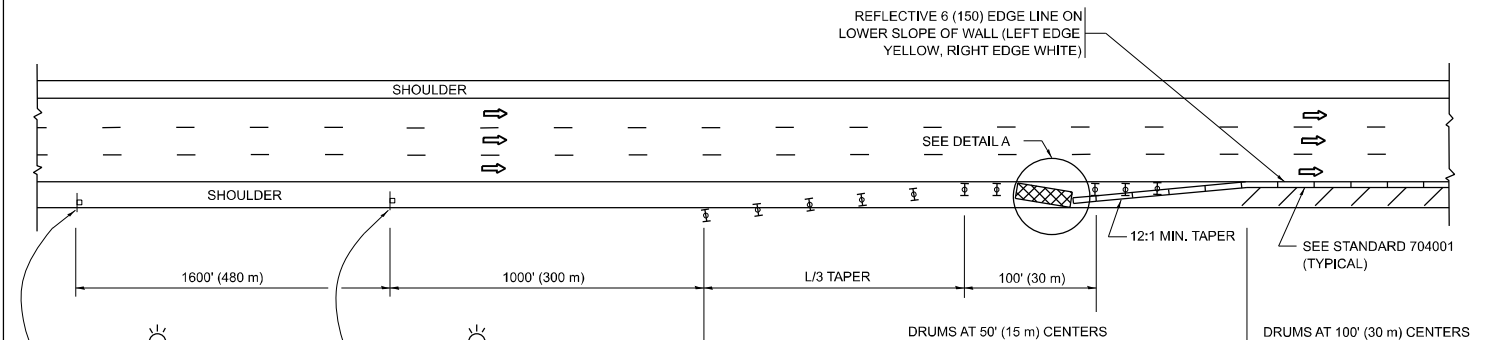
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

**GENERAL NOTES:**

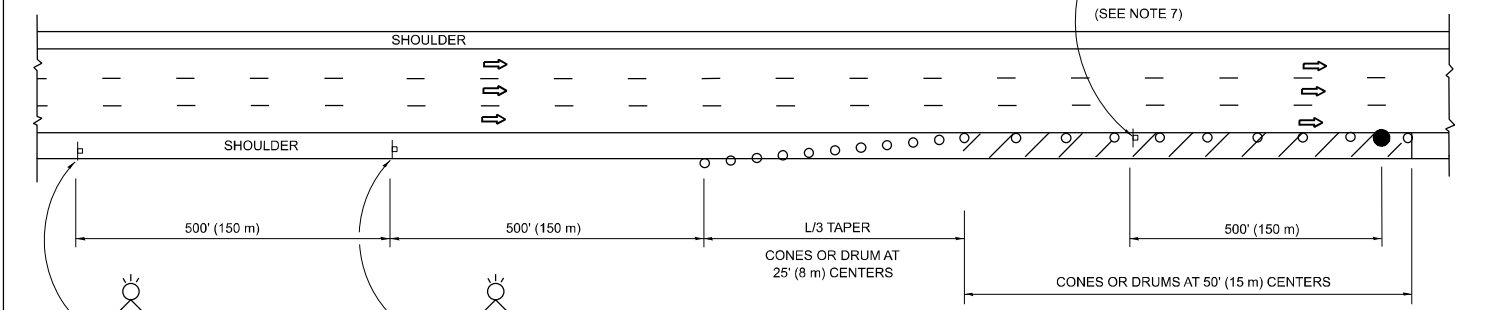
- THE "L" DISTANCE EQUALS:  

<b>SPEED LIMIT</b>	<b>FORMULAS</b>
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH L=0.65(W)(S) L=(W)(S)
W = WIDTH OF OFFSET IN FEET (METERS)	
S = NORMAL POSTED SPEED MPH (KM/H)	
- 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.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

**SHOULDER CLOSURE DETAILS**

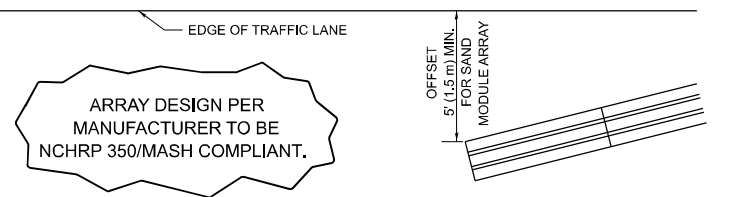


**PERMANENT SHOULDER CLOSURE**



**TEMPORARY SHOULDER CLOSURE**

- THIS DETAIL IS USED WHERE:
- 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)**

- 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.
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
- THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
  - FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
  - THE WORK ACTIVITY 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.

- 12' MIN. WIDTH TANGENT SECTION  
16' MIN. WIDTH CURVE SECTION.
- TEMPORARY SHOULDER AND NON-SYSTEM INTERCHANGE PARTIAL 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: TC-17 (Sheet)  
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	DRAWN - D.W.S.	REVISED - M.D. 01-18
	CHECKED -	REVISED - M.D. 10-20
PLOT DATE = 5/15/2026	DATE - 11-96	REVISED - D.S. 05-25

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL DETAILS FOR FREEWAY  
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES**

SCALE: NONE SHEET 41 OF 52 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	51
<b>TC-17</b>			CONTRACT NO. 80B42	

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\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL

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MODEL: TC-22 [Sheet]  
FILE NAME: c:\p\work\view\of\hassan\1210119\100526-eh-Dist\Site.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 5 OF 52 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	52
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				

\* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL