

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

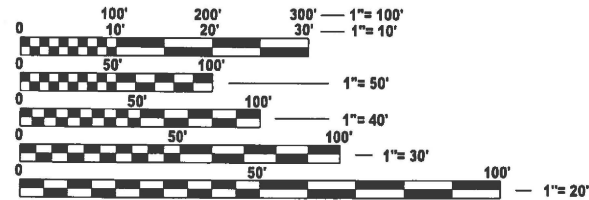
F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I		VARIOUS	52	1
			ILLINOIS	CONTRACT NO. 80B42	
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL					

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

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

CONTRACT NO. 80B42

FOR LOCATION MAP
SEE LOCATION DETAIL SHEETS

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 REMOVAL 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 EXPRESSSWAYS) 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	GENERAL NOTES									
1	COVER SHEET	000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS	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 REMOVAL 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. 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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)												
52	LEFT BLANK INTENTIONALLY												
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.	SHEET NO.
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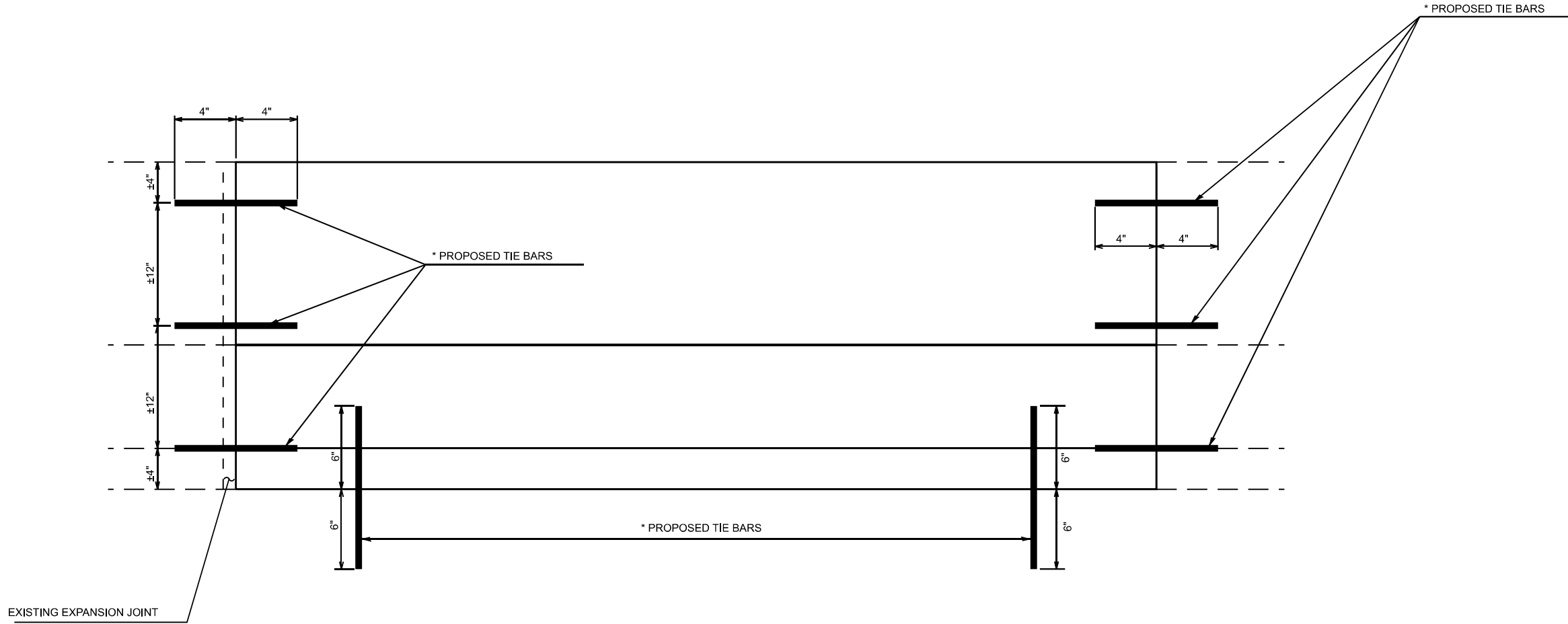
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SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	ROADWAY	ROADWAY			
					100% STATE	LOC 28 100% STATE MCHD 140001525	LOC 29 100% STATE MCHD 836838			
	Code No.	Item	Unit	Total Quantity	0013	0013	0013			
	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					

	USER NAME	= naveed.hassan	DESIGNED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
			DRAWN	-					REVISED	-	VAR	2025-2020-I	VARIOUS	52	3
	PLOT SCALE	= 0.16666633" / in.	CHECKED	-		REVISED	-	SCALE:		SHEET	OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 80B42	
	PLOT DATE	= 5/15/2026	DATE	-		REVISED	-			ILLINOIS		FED. AID PROJECT			

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							44213200	44213202	50102400	50300225	50300255	50300300	50800205	50800530	67100100	70100310	70100420	70102620	70102624	70102635	70200100	70400125	70400200	X0326791	X7011015	Z0048665	
LOCATION NO.	LOCATION DETAILS	COUNTY	MUNICIPALITY	STRUCTURE NO.	TYPE OF REPAIR		SAW CUTS	TIE BARS 1"	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	CU. YD	CU. YD	CU. YD	SQ. YD	POUNDS	EACH	L. SUM	L. SUM	EACH	L. SUM	L. SUM	L. SUM	L. SUM	EACH	FOOT	L. SUM	L. SUM	L. SUM	
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	HILLSIDE	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		23	50	6.9	6.9		24			0.03						0.05				0.04		
7	I-94 NB JUST SOUTH OF 100TH ST.	COOK	CHICAGO	N/A	MEDIAN BARRIER WALL										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	HILLSIDE	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		
		TOTAL					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	228.0	375.0	1.0	1.0	1.0	
		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 -														VAR	2025-2020-I		VARIOUS	52	4		
				CHECKED -		REVISED -																	CONTRACT NO. 80B42				
		PLOT DATE = 6/15/2026		DATE -		REVISED -							SCALE:		SHEET		OF 1	SHEETS	STA. 0+00.00		TO STA. 0+00.00		ILLINOIS FED. AID PROJECT				



FULL DEPTH REPAIR

NOTE:

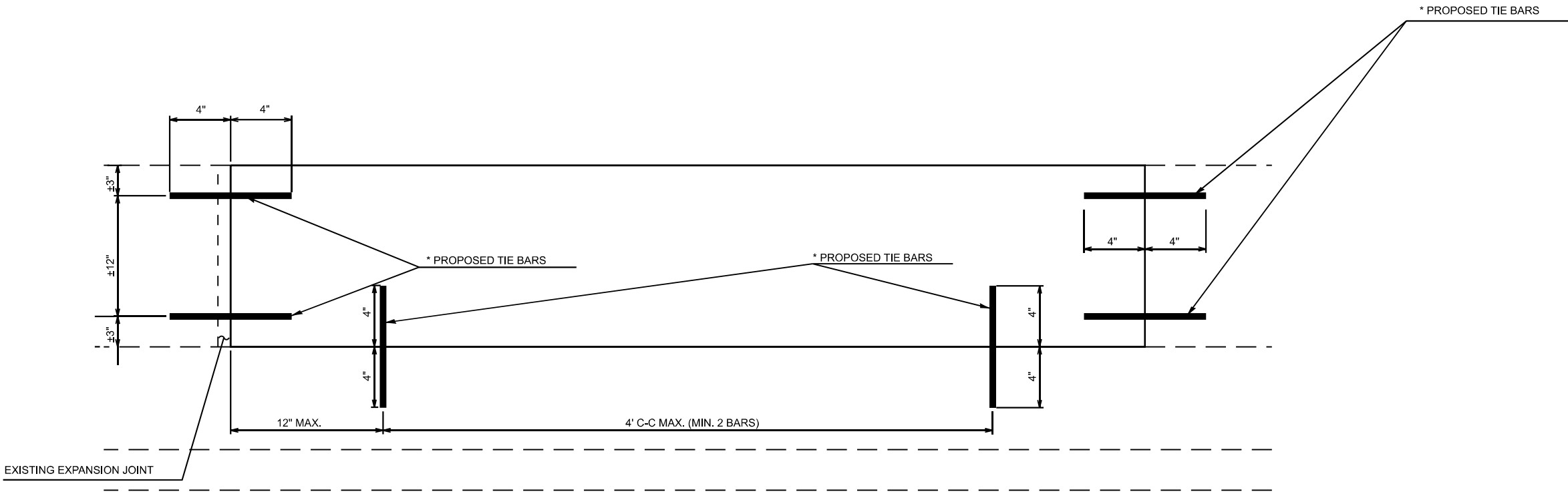
ALL BARRIER WALL REPAIR SHALL BE COMPLETED IN ACCORDANCE WITH STATE STANDARD 637006-05 AND SECTION 637 OF THE STANDARD SPECIFICATIONS AND AS SHOWN ON THE PLANS. ALL PROPOSED DOWEL BARS AND TIE BARS SHALL BE DRILLED AND GROUTED IN PLACE. REINFORCEMENT SHALL BE INCLUDED AS SHOWN IN STANDARD 637006-03 AND 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:\pwworking\hassanm1210119\DWG\00626-sh-schedule.dgn

	USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL REPAIR OF FULL DEPTH (BARRIER WALL)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR	2025-2020-I	VARIOUS	52	5
		CHECKED -	REVISED -					CONTRACT NO. 80B42				
	PLOT DATE = 6/16/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

* COOK, DUPAGE, KANE, MOHENRY, LAKE, WILL



HALF DEPTH REPAIR

NOTE:

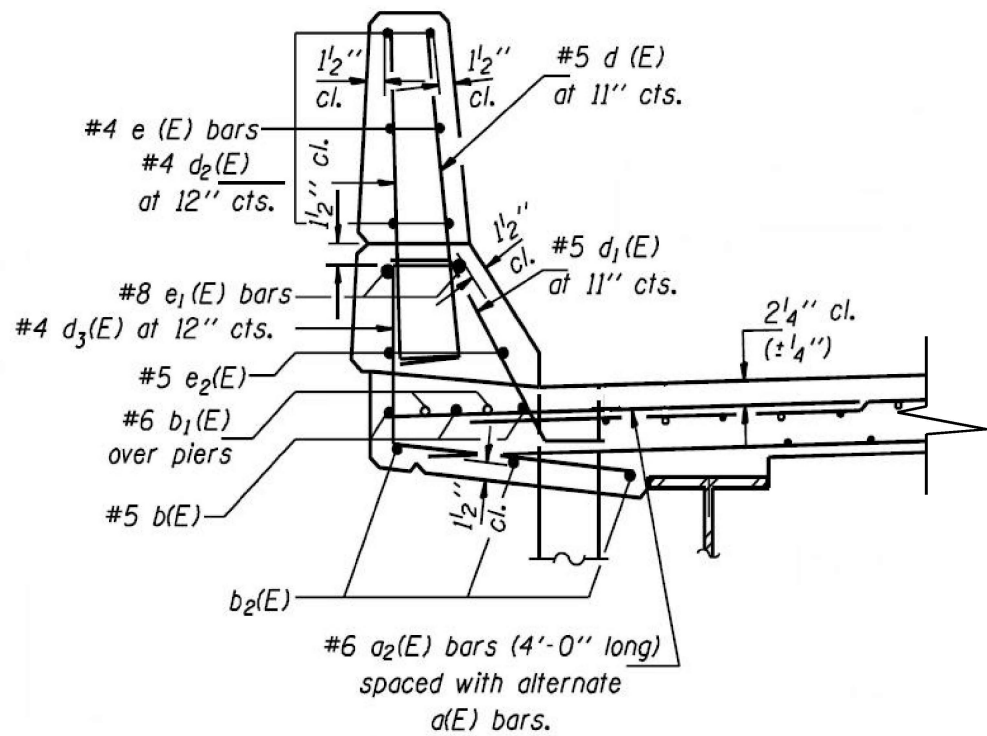
ALL BARRIER WALL REPAIR SHALL BE COMPLETED IN ACCORDANCE WITH STATE STANDARD 637006-05 AND SECTION 637 OF THE STANDARD SPECIFICATIONS AND AS SHOWN ON THE PLANS. ALL PROPOSED DOWEL BARS AND TIE BARS SHALL BE DRILLED AND GROUTED IN PLACE. REINFORCEMENT SHALL BE INCLUDED AS SHOWN IN STANDARD 637006-03 AND 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.

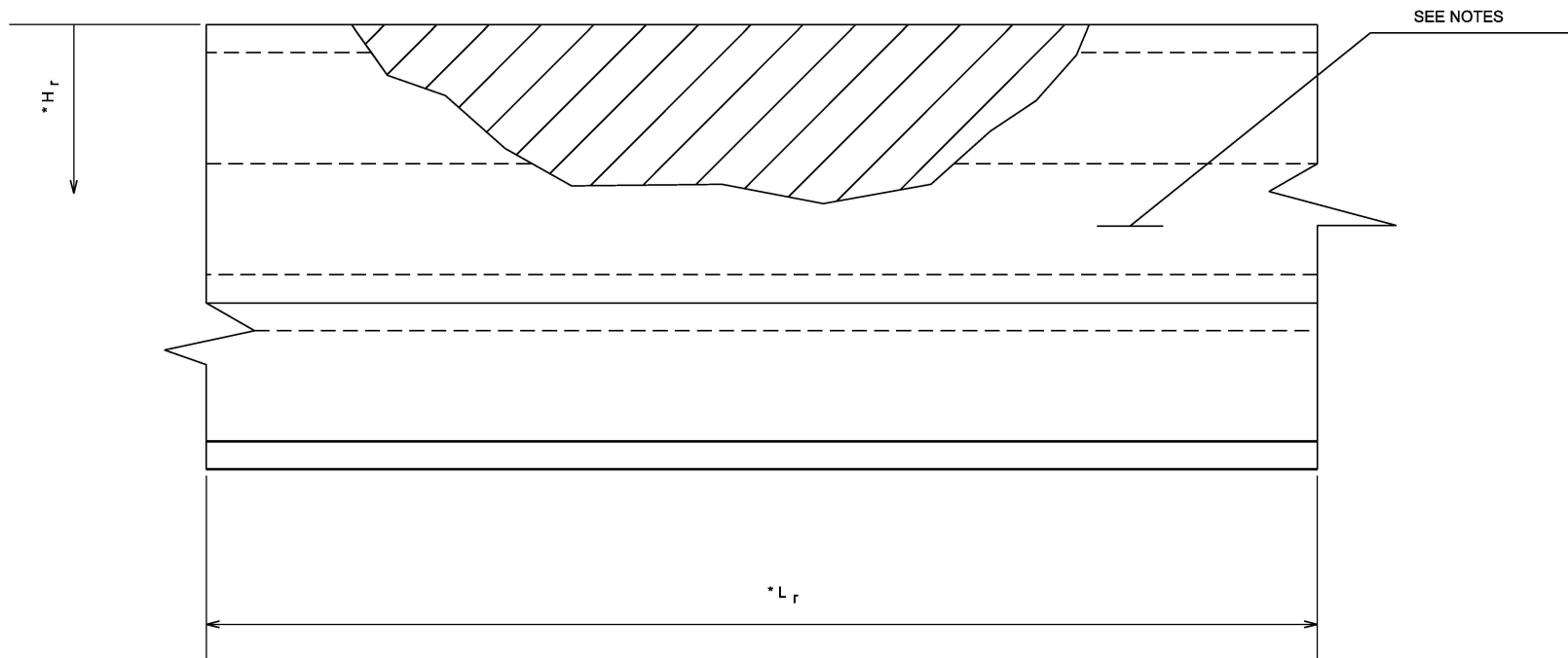
MODEL: Barrier Wall Partial Repair Detail [Sheet]
FILE NAME: c:\pwworking\hassanm\210119\DWG\00626-sh-schedule.dgn

	USER NAME = naved.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL REPAIR OF HALF DEPTH (BARRIER WALL)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR	2025-2020-I	VARIOUS	52	6
		CHECKED -	REVISED -					CONTRACT NO. 80B42				
	PLOT DATE = 6/16/2026	DATE -	REVISED -		SCALE:	SHEET 2	OF 4	SHEETS	STA.	TO STA.		
							ILLINOIS			FED. AID PROJECT		

* COOK, DUPAGE, KANE, MCHEMRY, 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 d²(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.

* Hr AND Lr INDICATE DIMENSIONS FOR CONCRETE REMOVAL. PERIMETERS OF CONCRETE REMOVAL AREAS SHALL BE SAW CUT PRIOR TO REMOVAL OF CONCRETE.

MODEL: Parapet Wall Repair Detail [Sheet]
FILE NAME: c:\p\work\kdw\hassan\1210119D100526-shr-schedule.dgn

	USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL BRIDGE PARAPET REPAIR DETAILS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR	2025-2020-I	VARIOUS	52	7
		CHECKED -	REVISED -							CONTRACT NO. 80B42			
	PLOT DATE = 5/15/2026	DATE -	REVISED -		SCALE:	SHEET 3	OF 4	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
					* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL								

**LOCATION 1 COORDINATES: 42.093852 N, -87.762547 W**

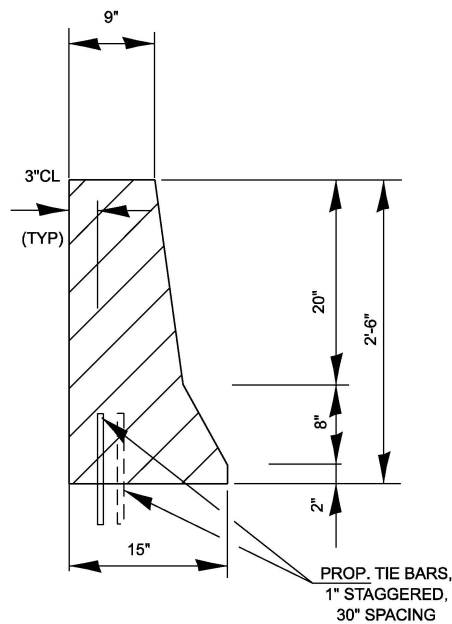
I-94
2025 ADT = 120700
SPEED LIMIT = 55 MPH

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

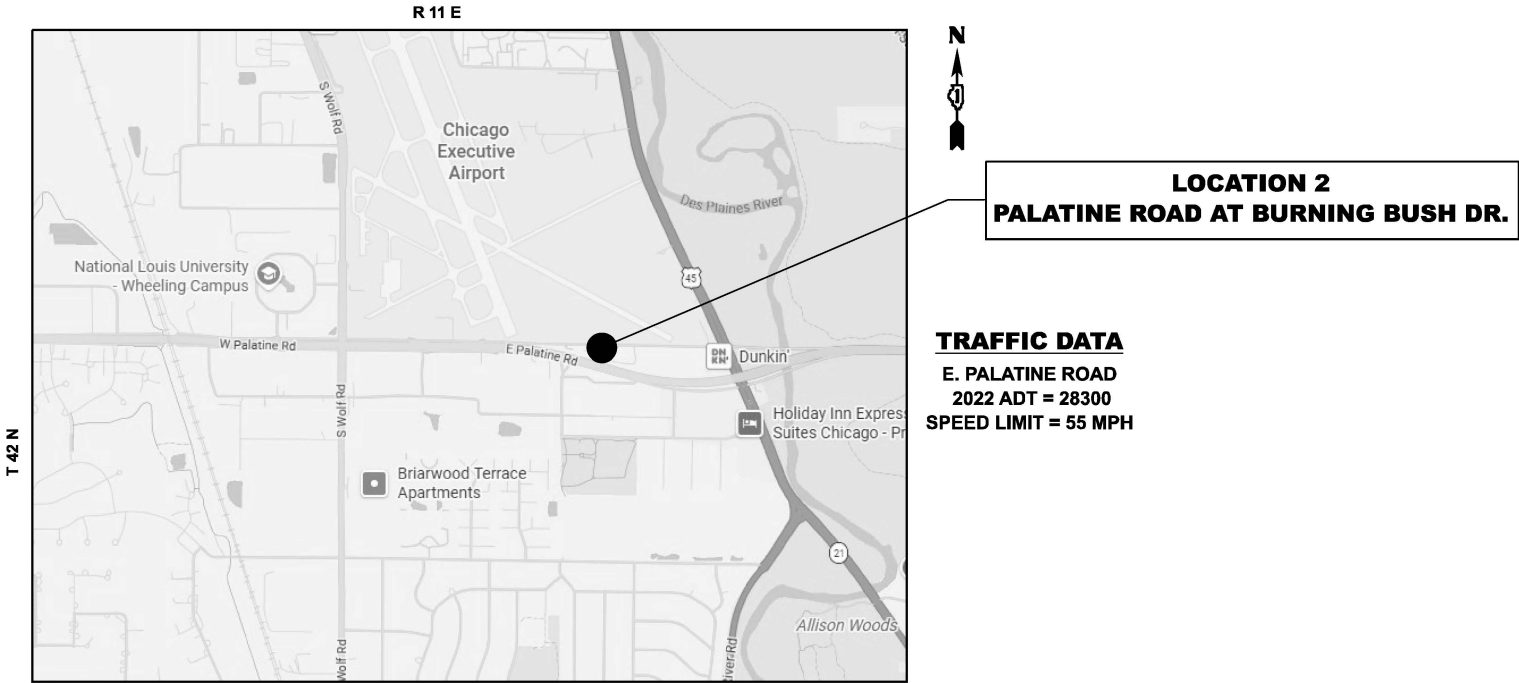
ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	1.1
CONCRETE STRUCTURES	CU. YDS	1.1
TIE BARS	EACH	11
SAW CUT	FOOT	5
PROTECTIVE COAT	SQ. YDS	4.5



MODEL: Location 1 [Sheet]
FILE NAME: c:\pw work\pwidot\hassann\d121019ID100526-sht-plan.dgn

	USER NAME = naved.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 1				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		I-94 NB RIGHT SHOULDER 200FT SOUTH OF WINNETKA RD.				VAR	2025-2020-I	VARIOUS	52	9	
		CHECKED -	REVISED -						CONTRACT NO. 80B42					
	PLOT DATE = 5/15/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 39 SHEETS	STA.	TO STA.					

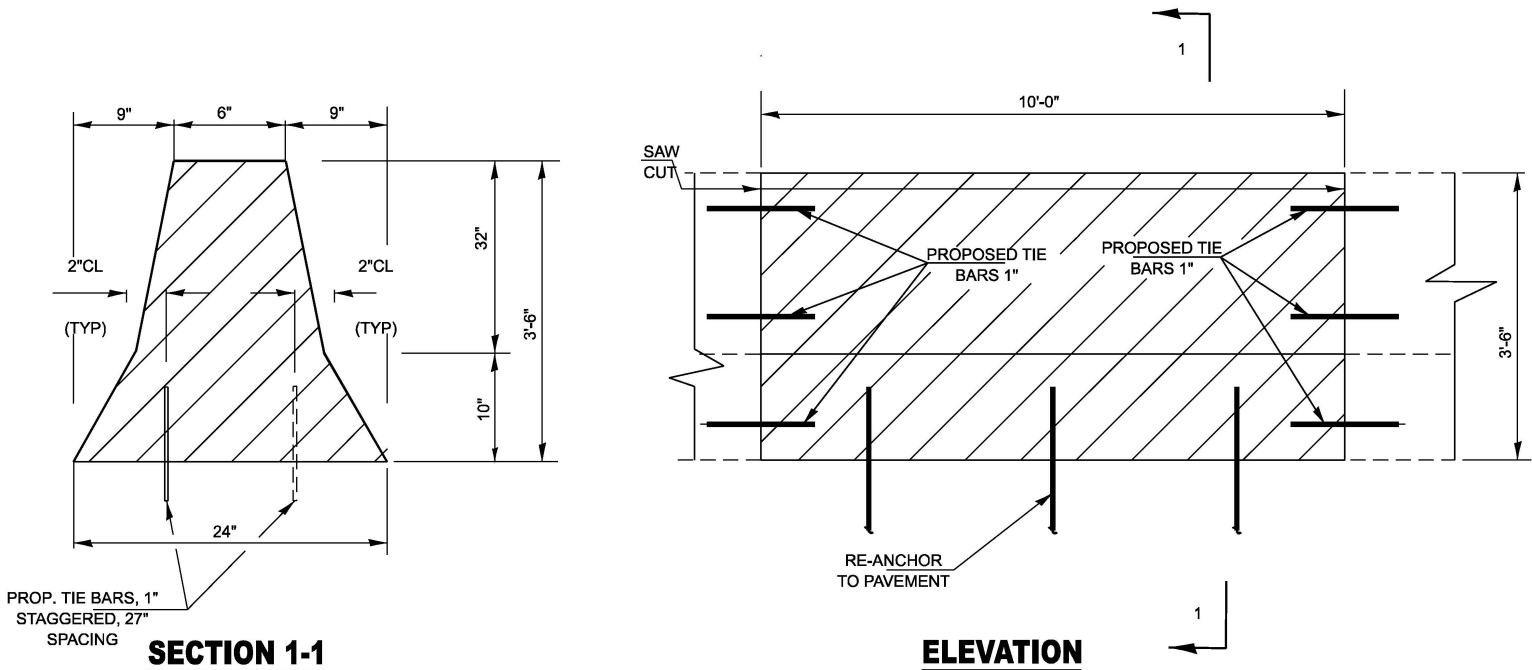
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



VILLAGE OF WHEELING
WHEELING TOWNSHIP
COOK COUNTY
LOCATION 2 COORDINATES: 41.109168 N, -87.897765 W



LOCATION 2
PALATINE ROAD AT BURNING BUSH DR.
FULL DEPTH BARRIER WALL REPAIR
REPLACE 10 FT OF MEDIAN BARRIER WALL



BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	1.2
CONCRETE STRUCTURES	CU. YDS	1.2
TIE BARS	EACH	11
SAW CUT	FOOT	7
PROTECTIVE COAT	SQ. YDS	8

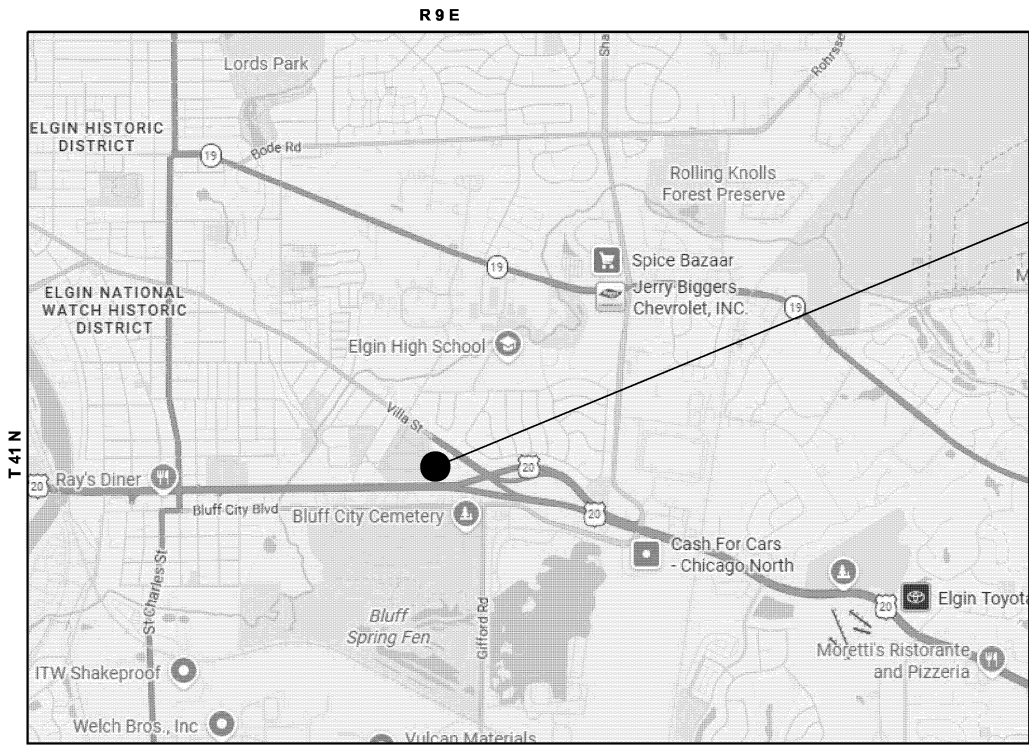
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USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 2 PALATINE ROAD AT BURNING BUSH DR.			
SCALE:	SHEET 2	OF 39	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	10
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				



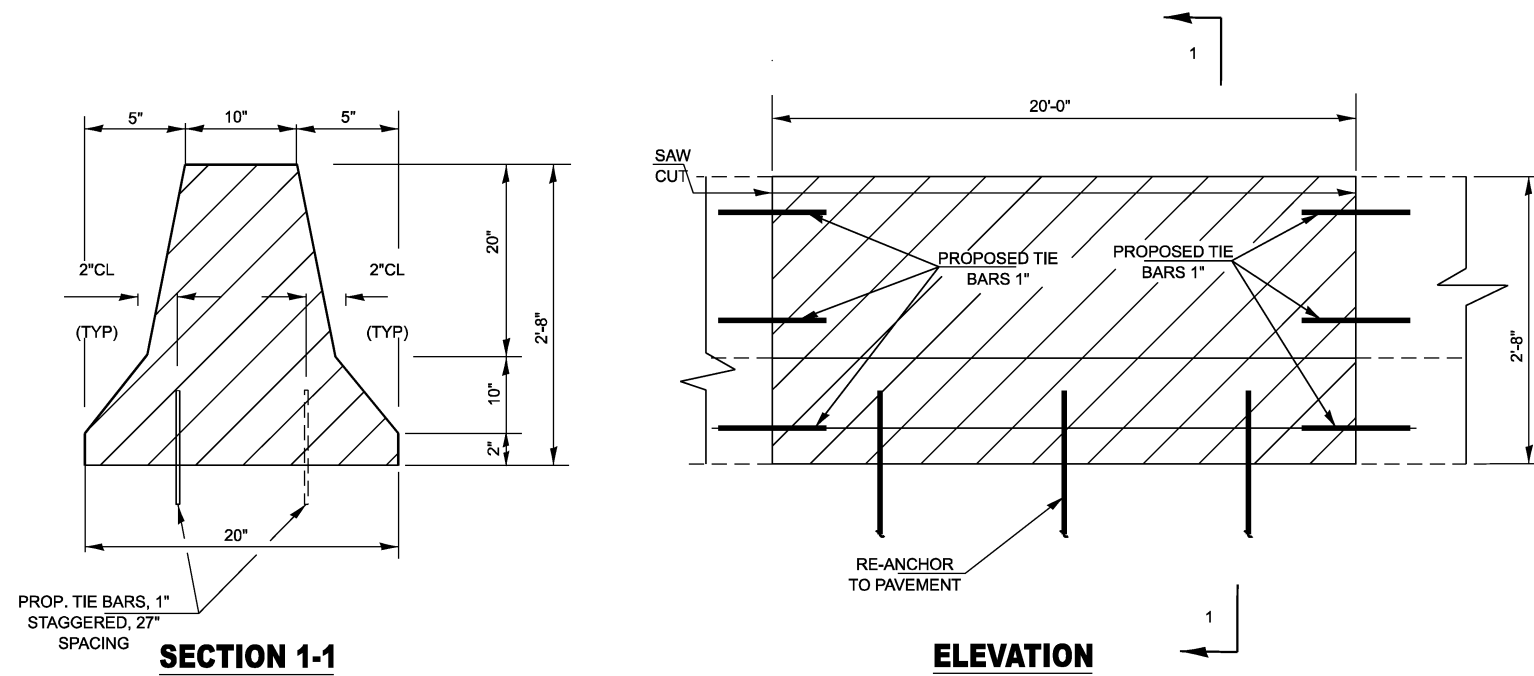
LOCATION 3
US-20 ABOUT 0.9 MILES EAST
OF IL-25 (LIBERTY ST.)

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

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



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



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

MODEL: Location 3 (Sheet)
FILE NAME: c:\p\work\hassan\md1210119D100526-shh-plan.dgn

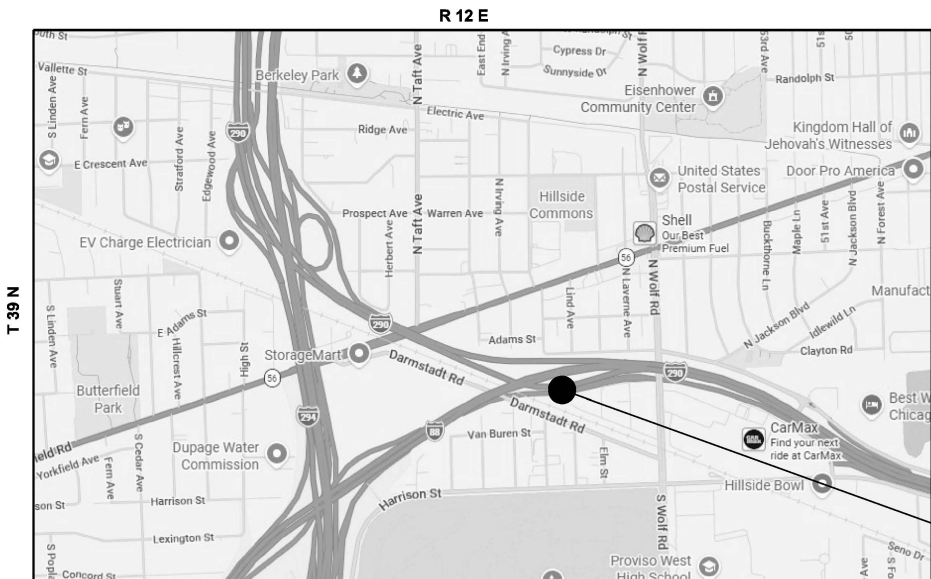
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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				

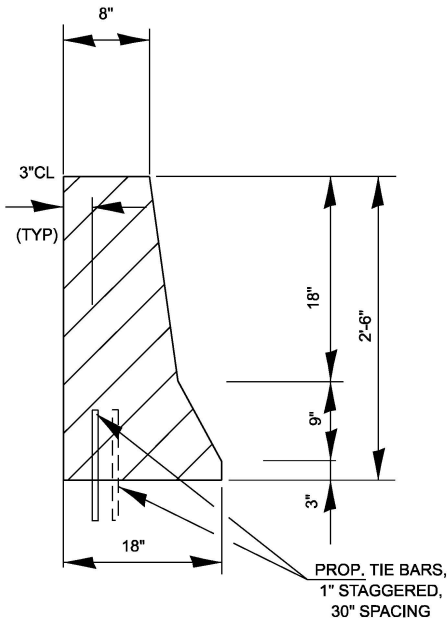


TRAFFIC DATA
I-290
2025 ADT = 80700
SPEED LIMIT = 55 MPH

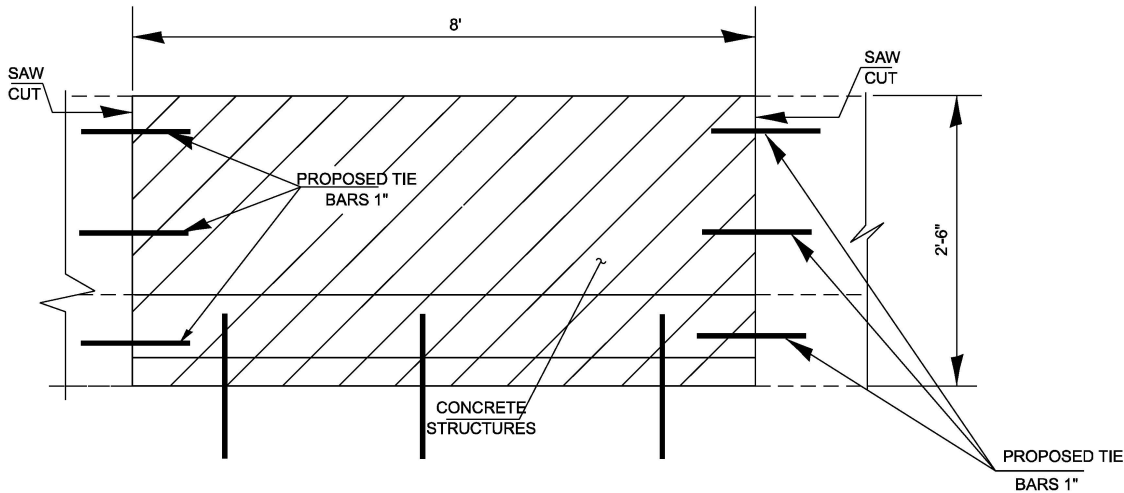
LOCATION 4
I-290 EB 0.25 MILES WEST OF WOLF RD.



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



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

MODEL: Location 4 [Sheet]
FILE NAME: c:\p\work\p\hassan\md12\0119D\00526-shh-plan.dgn

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

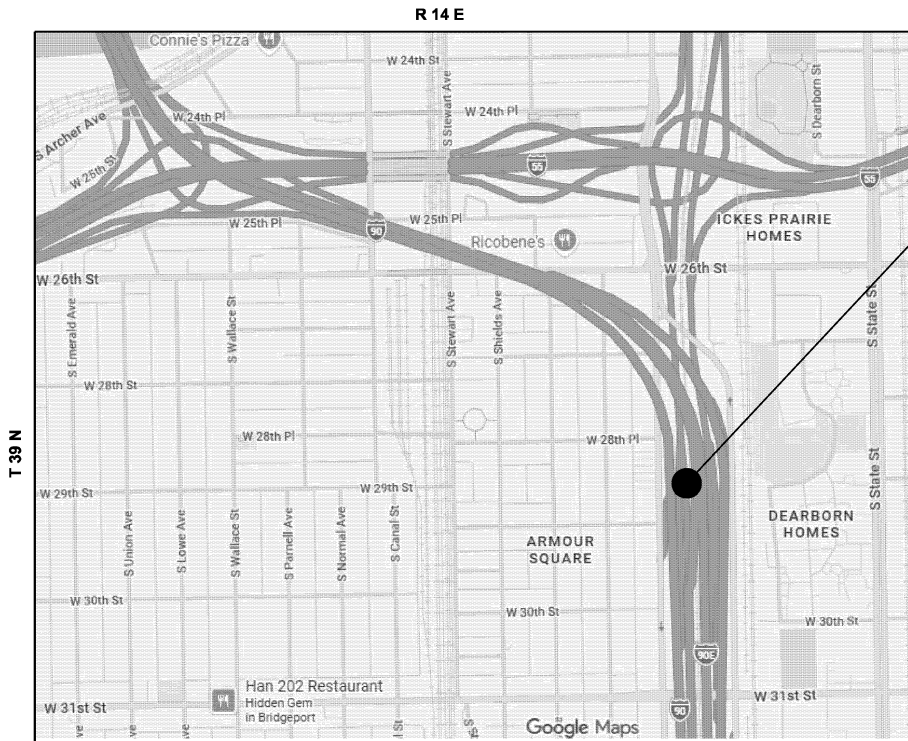
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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



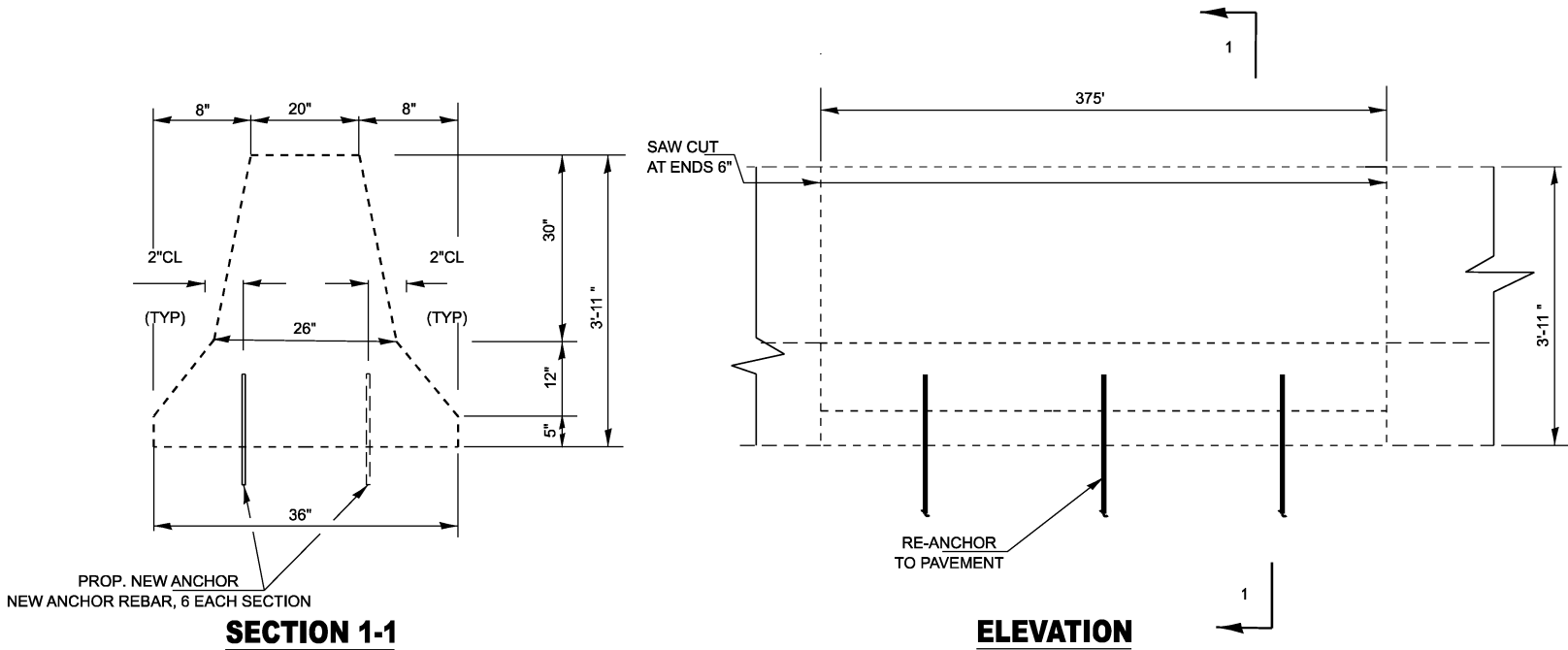
CITY OF CHICAGO
COOK COUNTY
LOCATION 5 COORDINATES: 41.841608 N, -87.630847 W

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

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



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

MODEL: Location 6 (Sheet)
FILE NAME: c:\p\work\hassan\1210119D100526-shh-plan.dgn

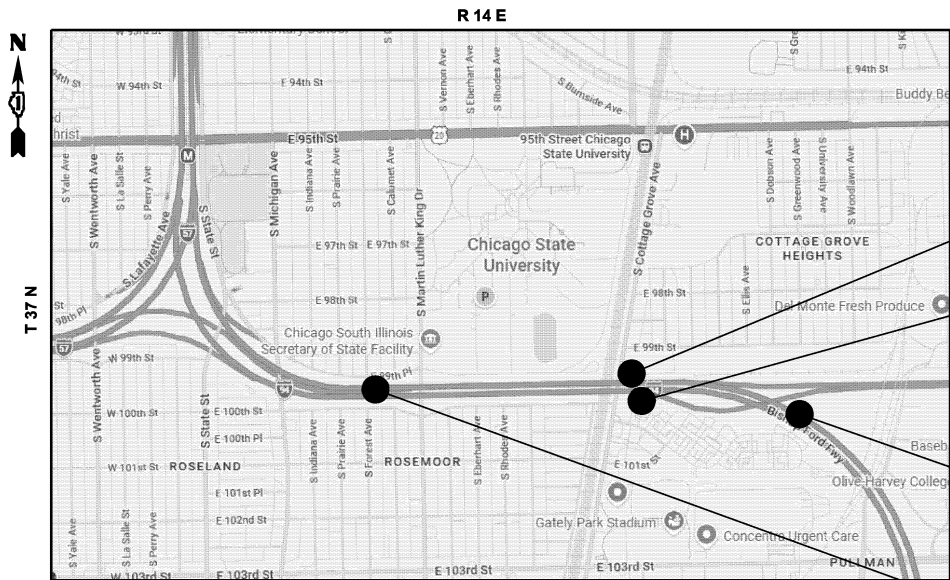
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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				



**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

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.**

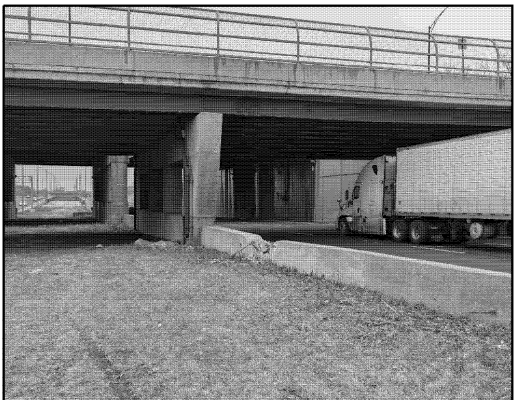
**LOCATION 6: I-94 NB MEDIAN ABOUT
0.10 MILES WEST OF
MARTIN LUTHER KING DR.**



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



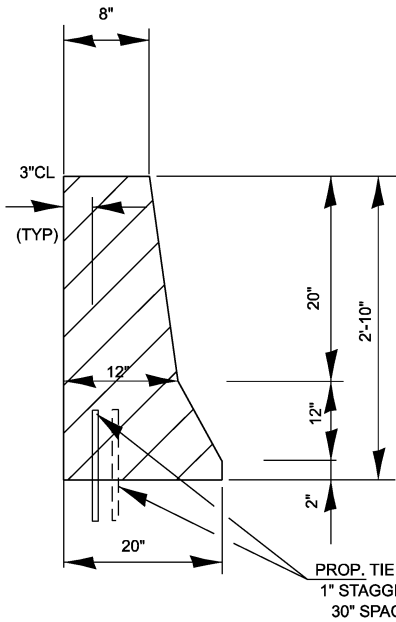
LOCATION 7
I-94 NB JUST SOUTH OF 100TH ST.
REPLACE 23 FT OF SHOULDER BARRIER WALL



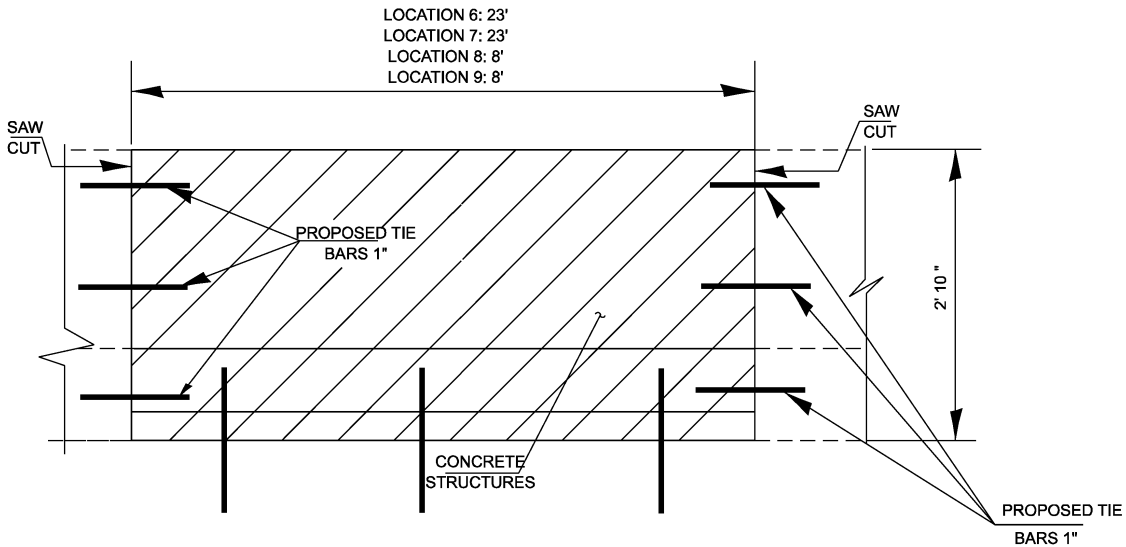
LOCATION 8
I-94 NB ABOUT 20' EAST OF COTTAGE GROVE
REPLACE 8 FT OF SHOULDER BARRIER WALL



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)
FILE NAME: c:\p\work\hassan\md1210119D100526-shh-plan.dgn

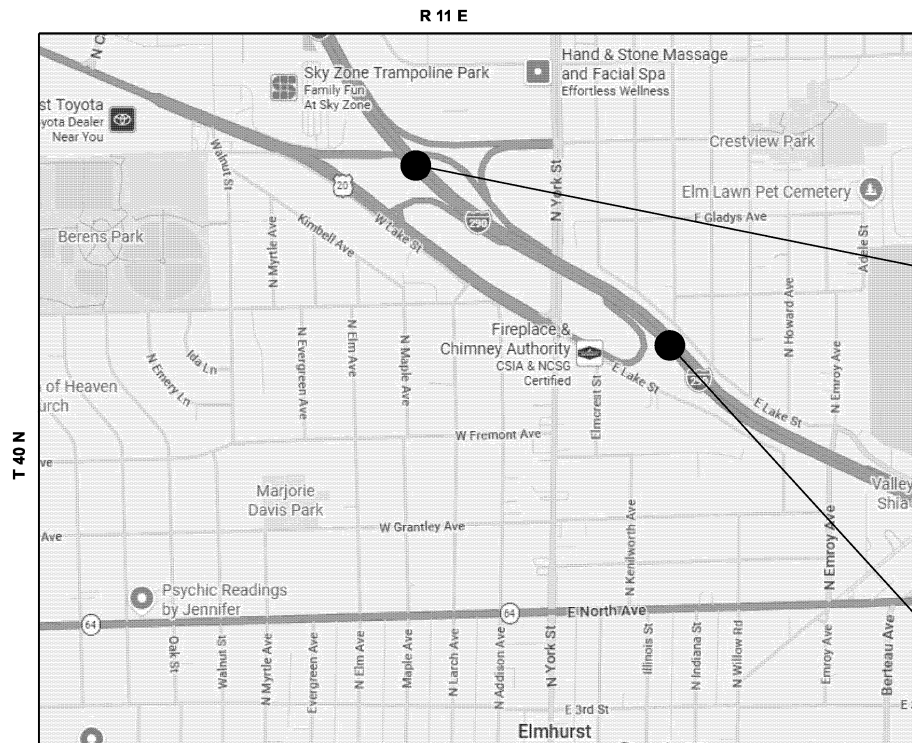
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

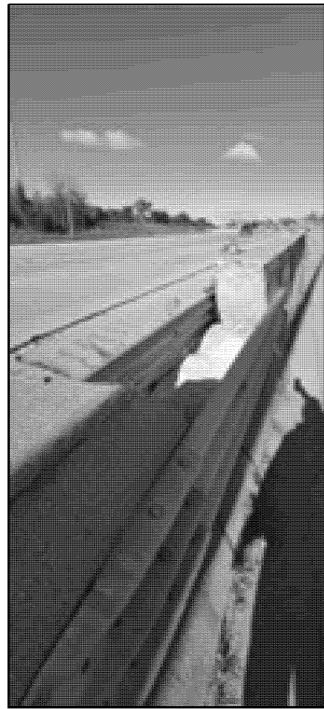
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	14
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHEMRY, LAKE, WILL				



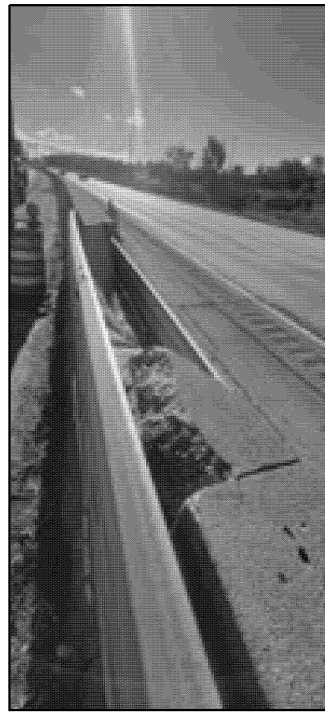
LOCATION 11: I-290 WB NEAR US-20 WB FLYOVER

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

LOCATION 10: I-290 WB AT INDIANA ST.

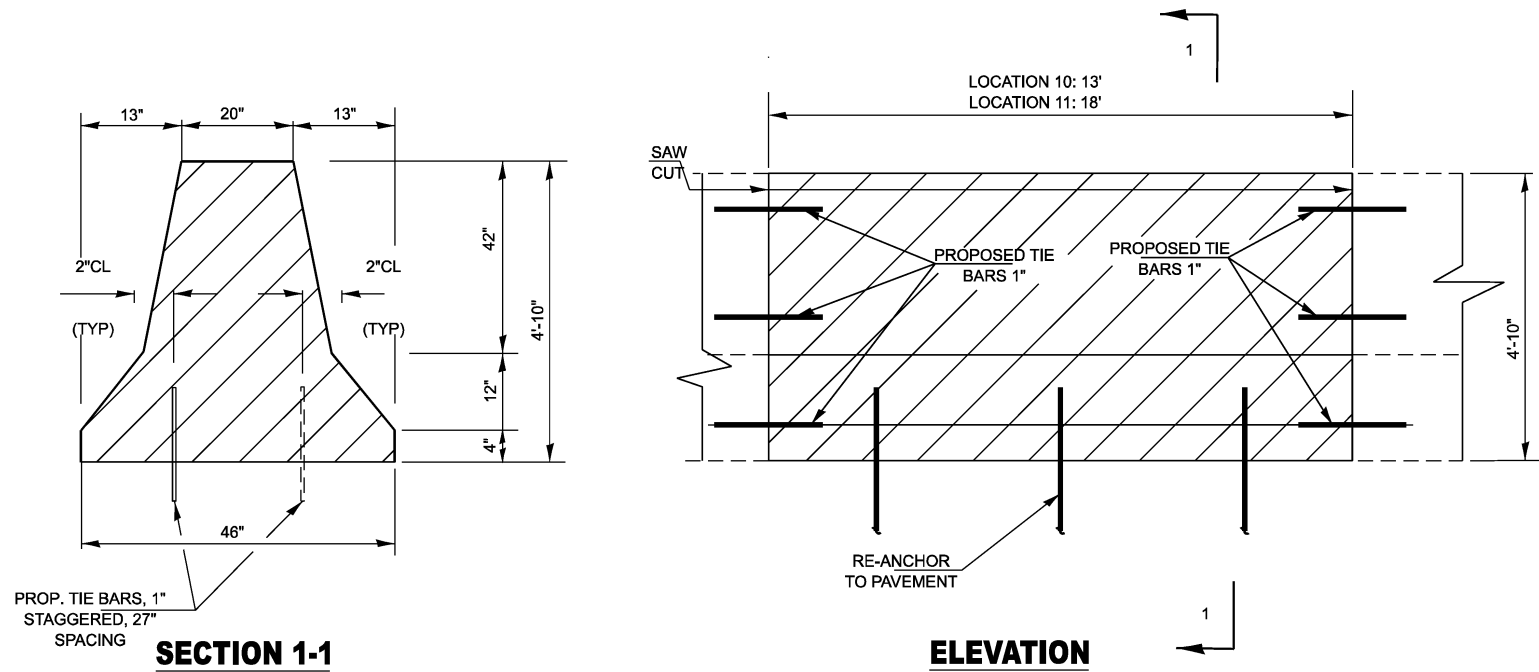


LOCATION 10
I-290 WB AT INDIANA ST.
REPLACE 13 FT OF MEDIAN BARRIER WALL



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

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



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)
FILE NAME: c:\pwworking\hassanmd1210119D100526-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 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				



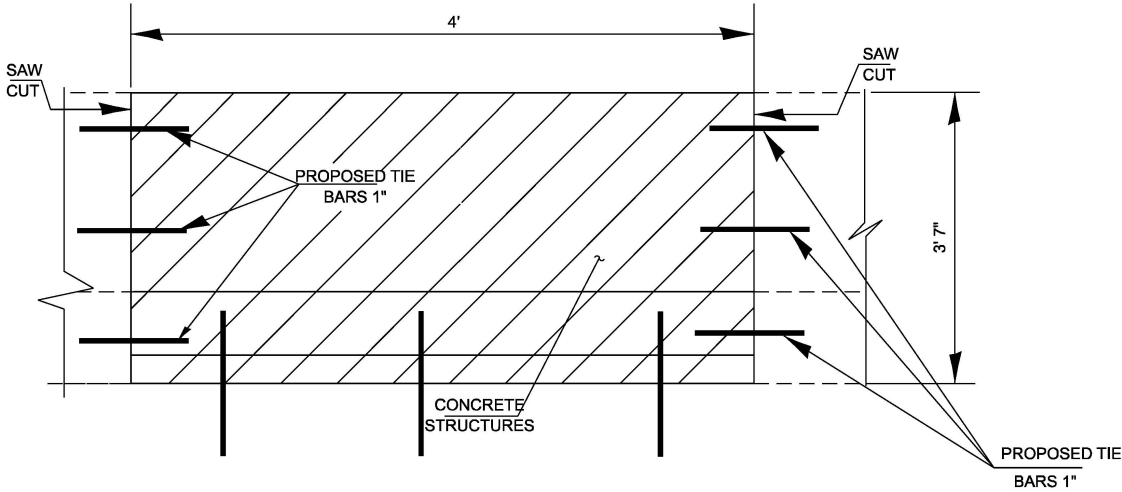
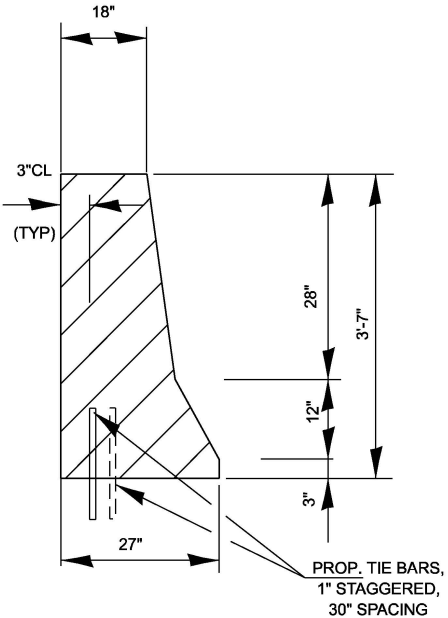
TRAFFIC DATA

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



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)
FILE NAME: c:\p\work\p\work\hassan\md12\0119\0119D\00526-shh-plan.dgn

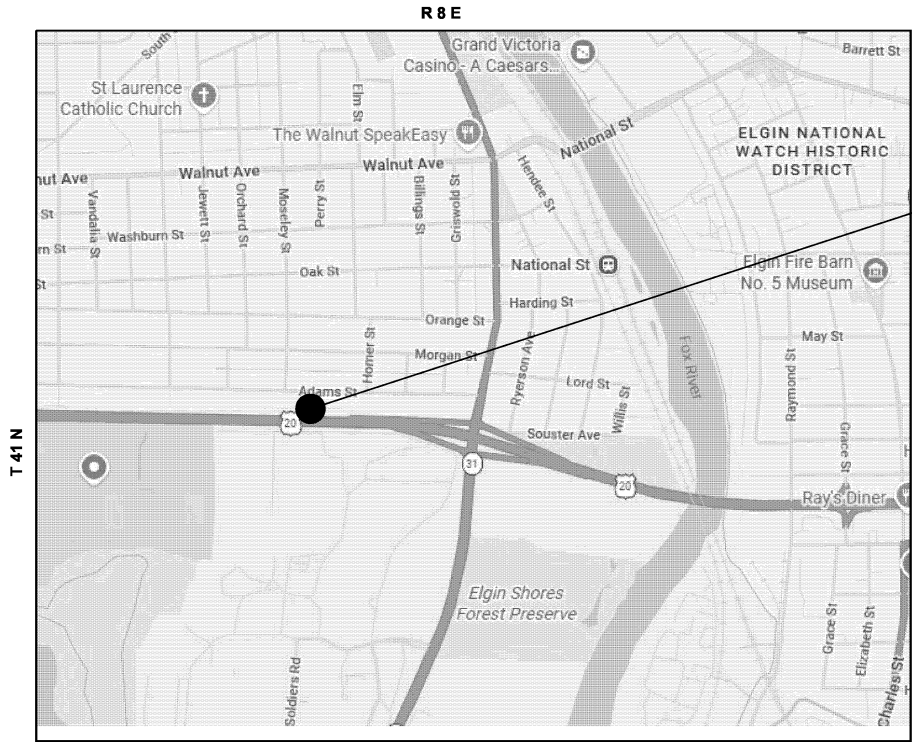
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 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



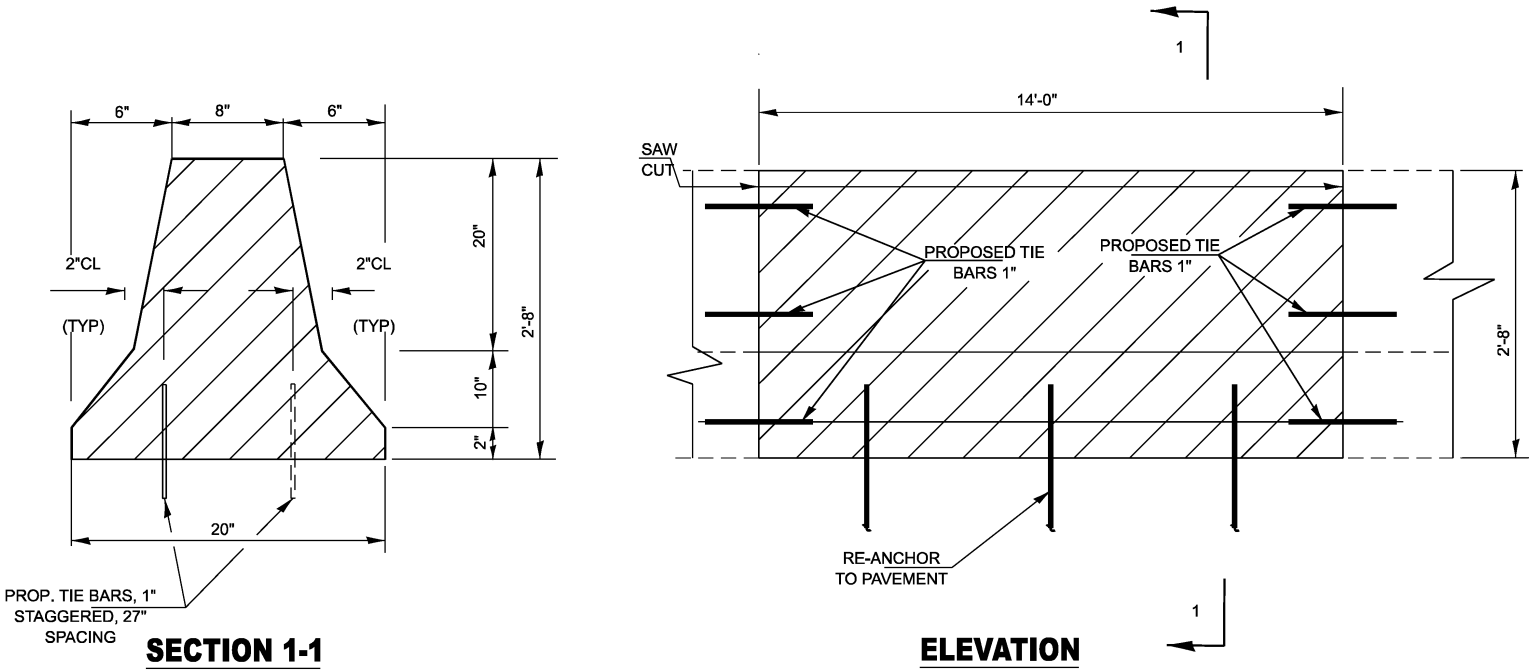
LOCATION 13
US-20 APPX. 0.3 MILES WEST OF IL-31

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 14 (Sheet)
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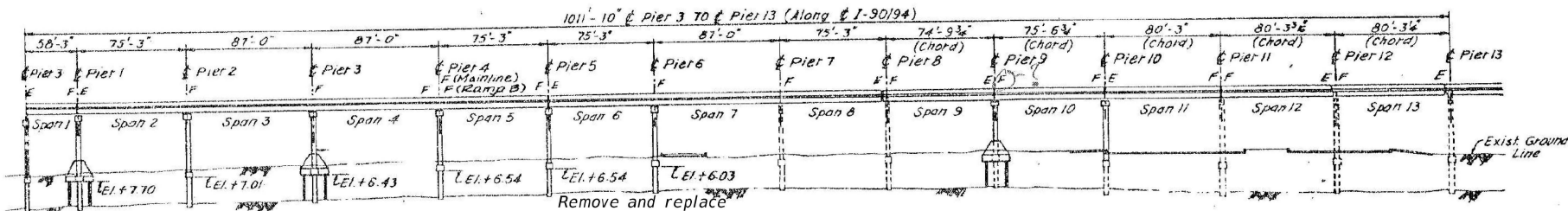
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/14/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

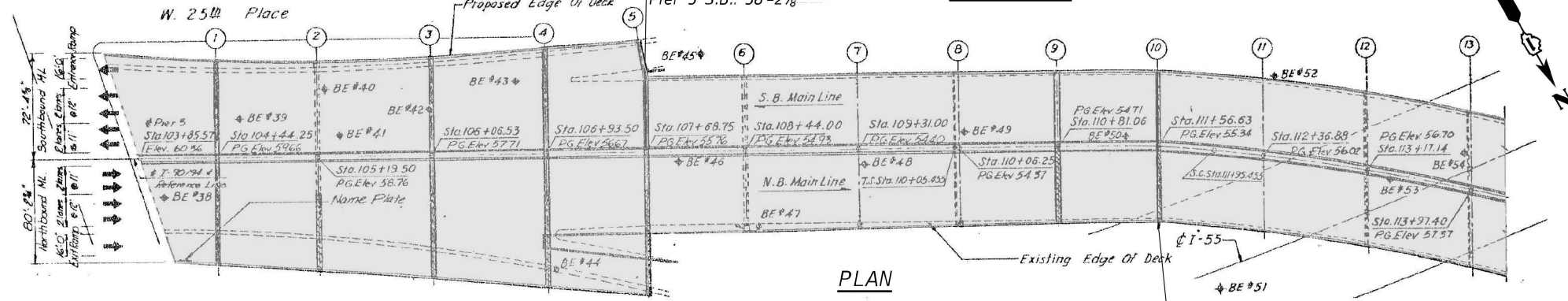
LOCATION 13 US-20 APPX. 0.3 MILES WEST OF IL-31			
SCALE:	SHEET 9	OF 39 SHEETS	STA. TO STA.

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				

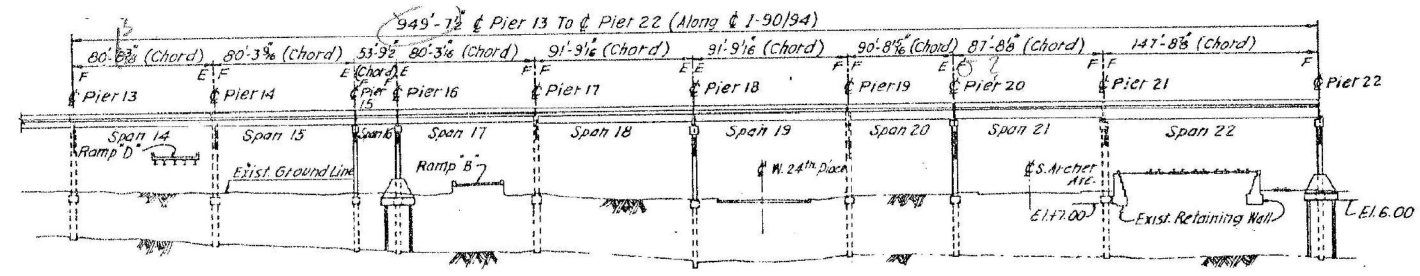
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FILE NAME: c:\p\work\kashassan\121019D\00526-sh-1-plan1.dgn



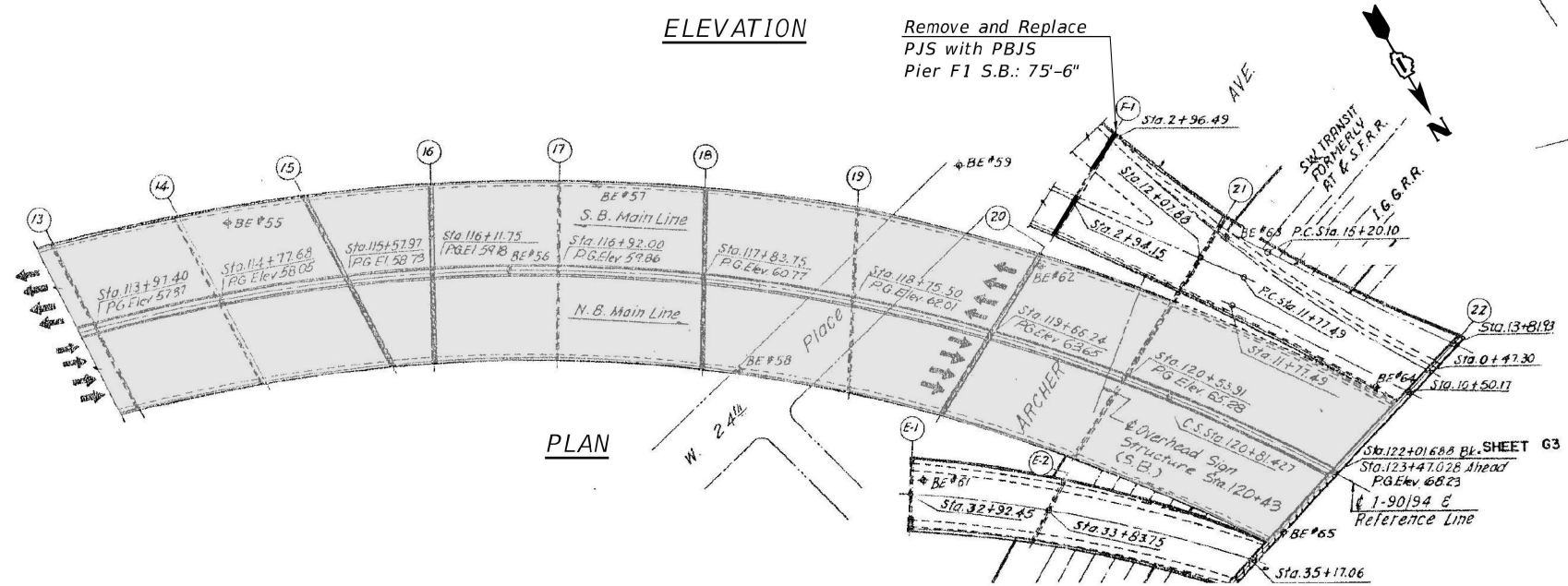
ELEVATION



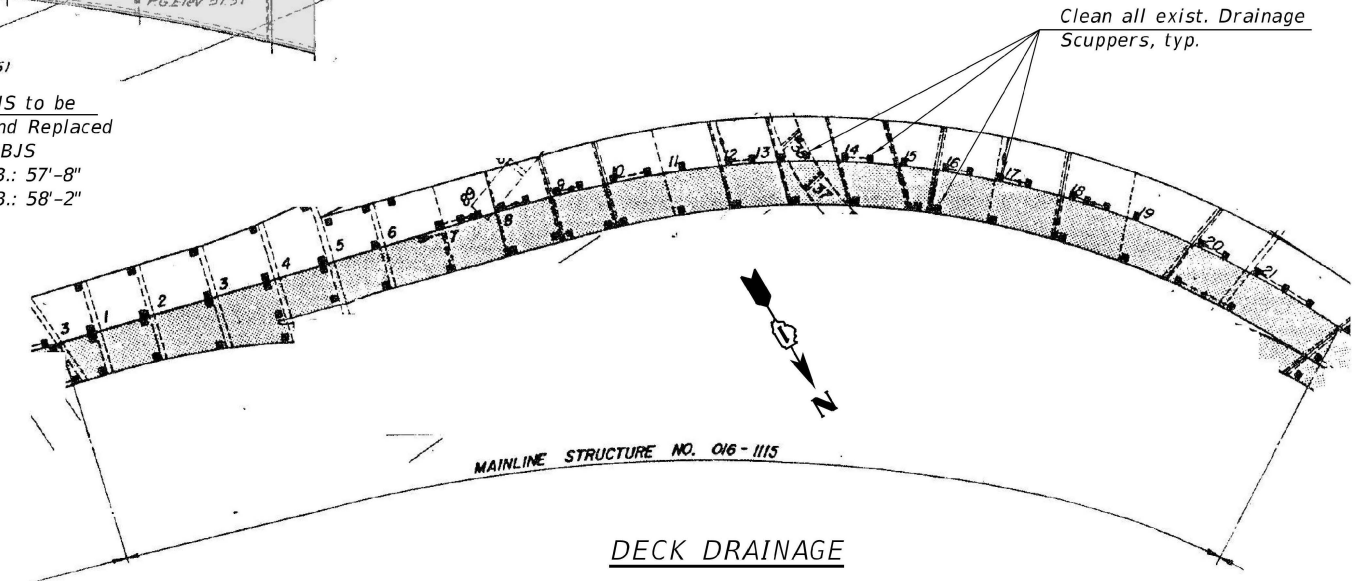
PLAN



ELEVATION

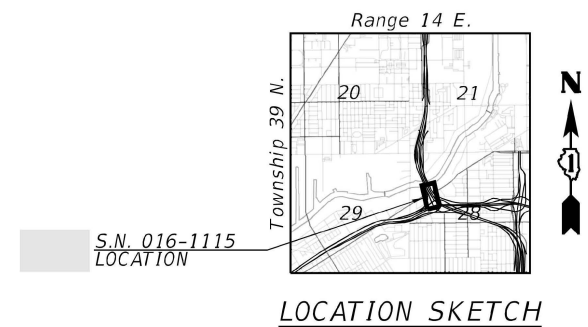


PLAN



DECK DRAINAGE

FOR INFORMATION ONLY



LOCATION SKETCH

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	2025-2020-1	VARIOUS	52	18
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHEMRY, LAKE, WILL				

62581

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



Joint opening (V.I.F.)

Silicone Joint Sealer

$3/4" \times 1 3/4"$ bars

$1 3/8"$

$3/4"$

$1/2"$

$2 1/4"$ Overlay

Remove concrete as needed for access

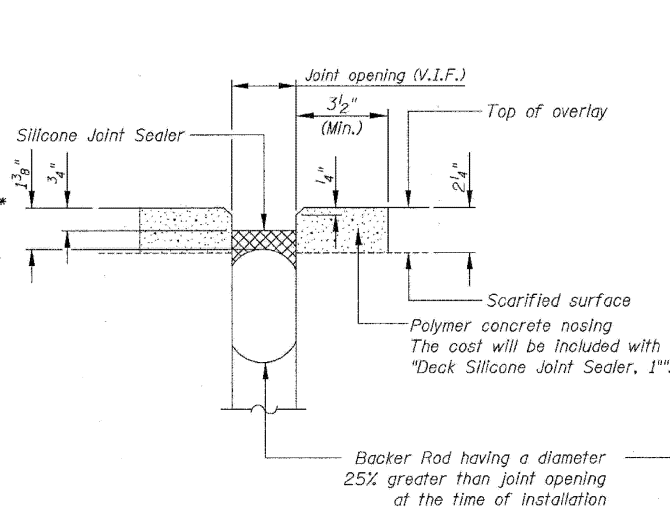
Existing $3/4"$ R's (V.I.F.)

$1/2"$

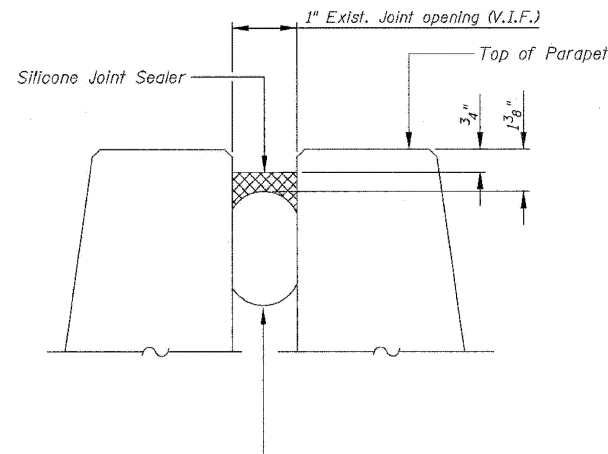
Typ.

Backer Rod having a diameter 25% greater than joint opening at the time of installation

**Care shall be taken not to damage existing
 R's during Hydroscaurification.
 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
 "Bridge Deck Hydro-Scarification, 5'"



ALTERNATE DECK SILICONE JOINT SEALER, 1" DETAIL



Existing longitudinal joint between concrete parapets 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'".

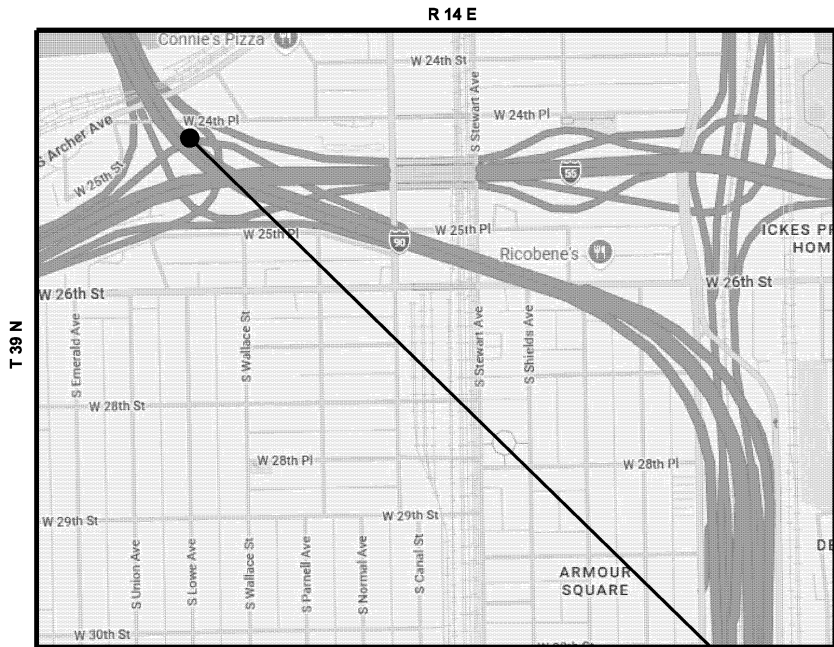
REVISIONS	
NAME	DATE
ADDENDUM NO. 1	6/29/08

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

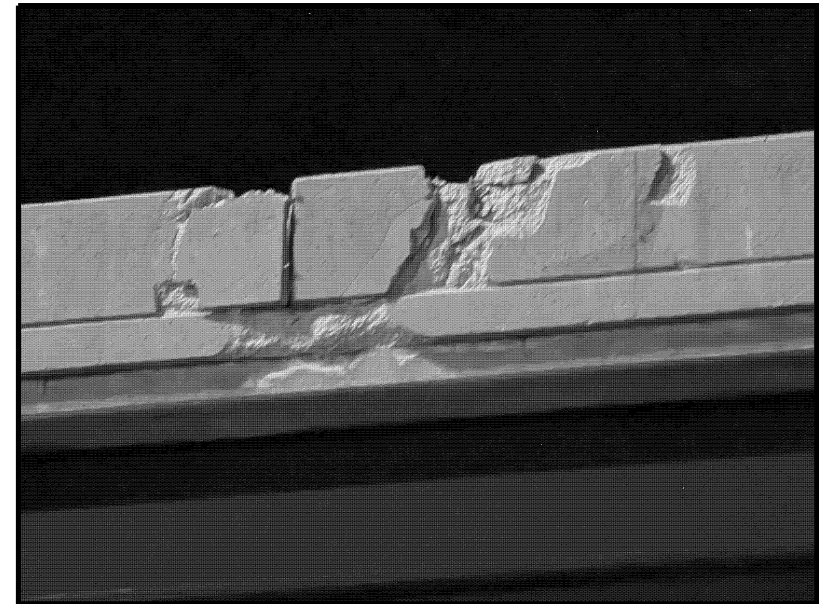
SCALE:	SHEET 11	OF 39	SHEETS	STA.	TO STA.
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* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



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)**

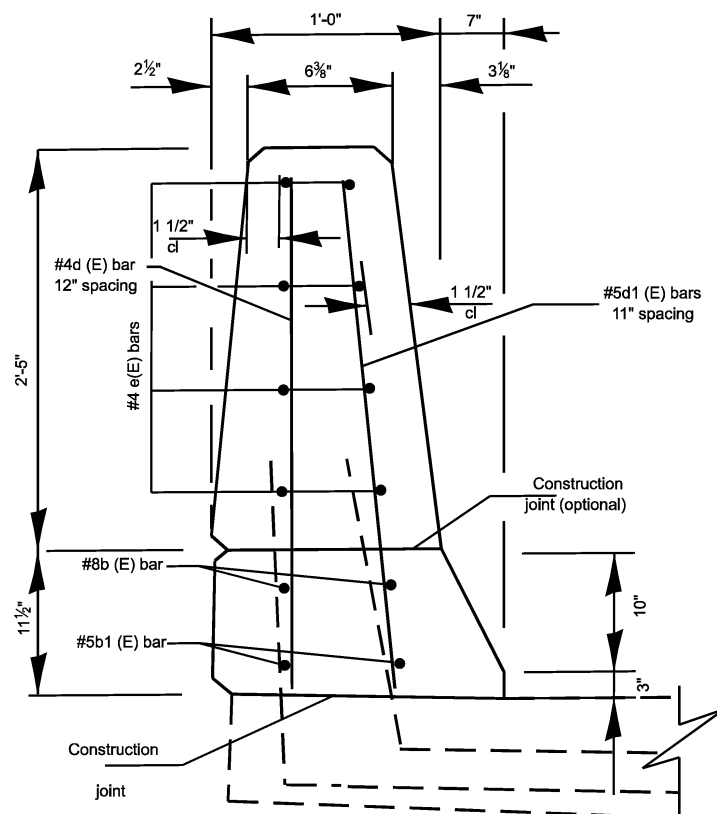
**LOCATION 14
FULL DEPTH PARAPET REPAIR
REPLACE APPROXIMATELY 12 FT OF PARAPET**

BILL OF MATERIALS

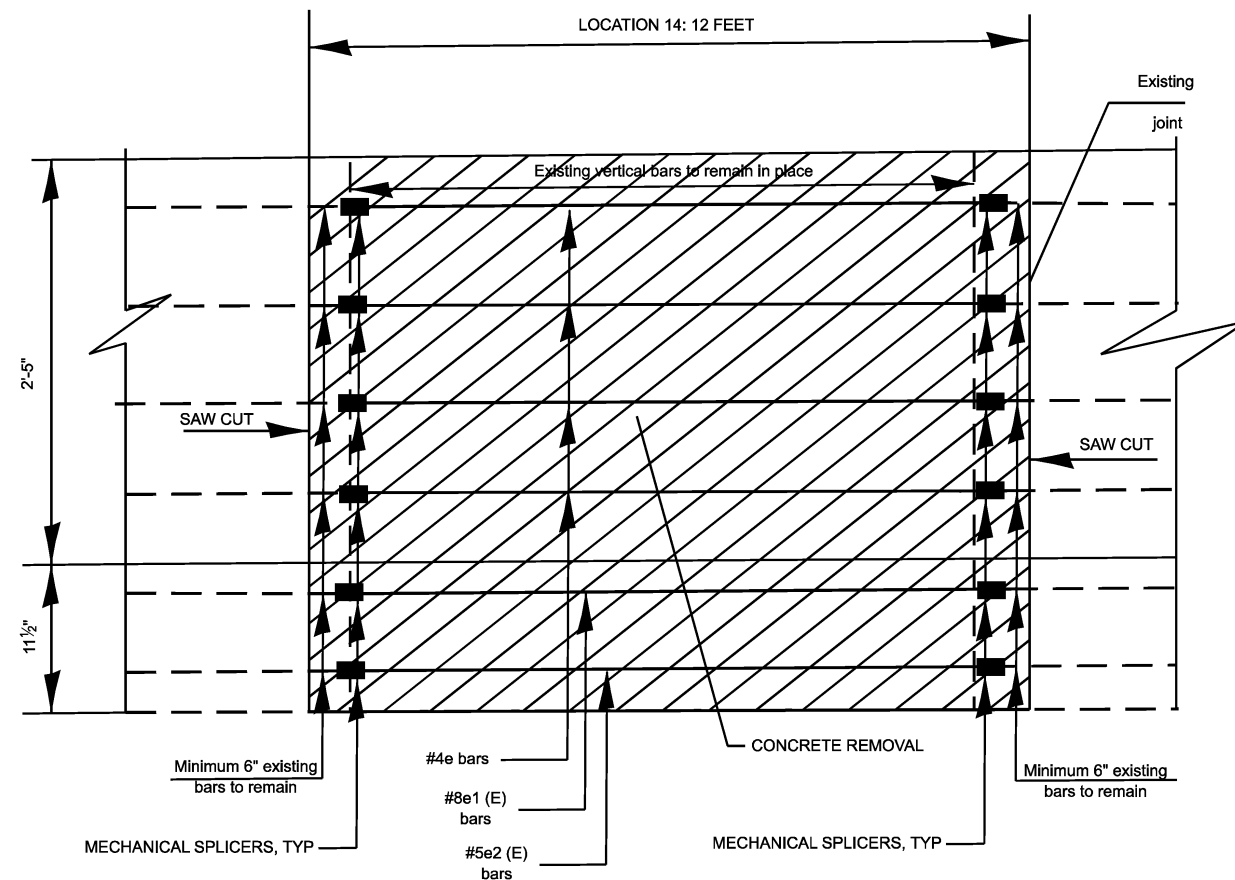
BAR	SIZE	LENGTH	SHAPE	QUANTITY
e (E)	#4	11'-8"	—	8
b (E)	#8	11'-8"	—	2
b1 (E)	#5	11'-8"	—	2
CONCRETE REMOVAL			CU. YDS	1.4
CONCRETE SUPERSTRUCTURE			CU. YDS	1.4
MECHANICAL SPLICERS			EACH	24
PROTECTIVE COAT			SQ. YDS	10.0
SAW CUT			FOOT	7.0
REINFORCEMENT BARS EPOXY COATED			LBS	149

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

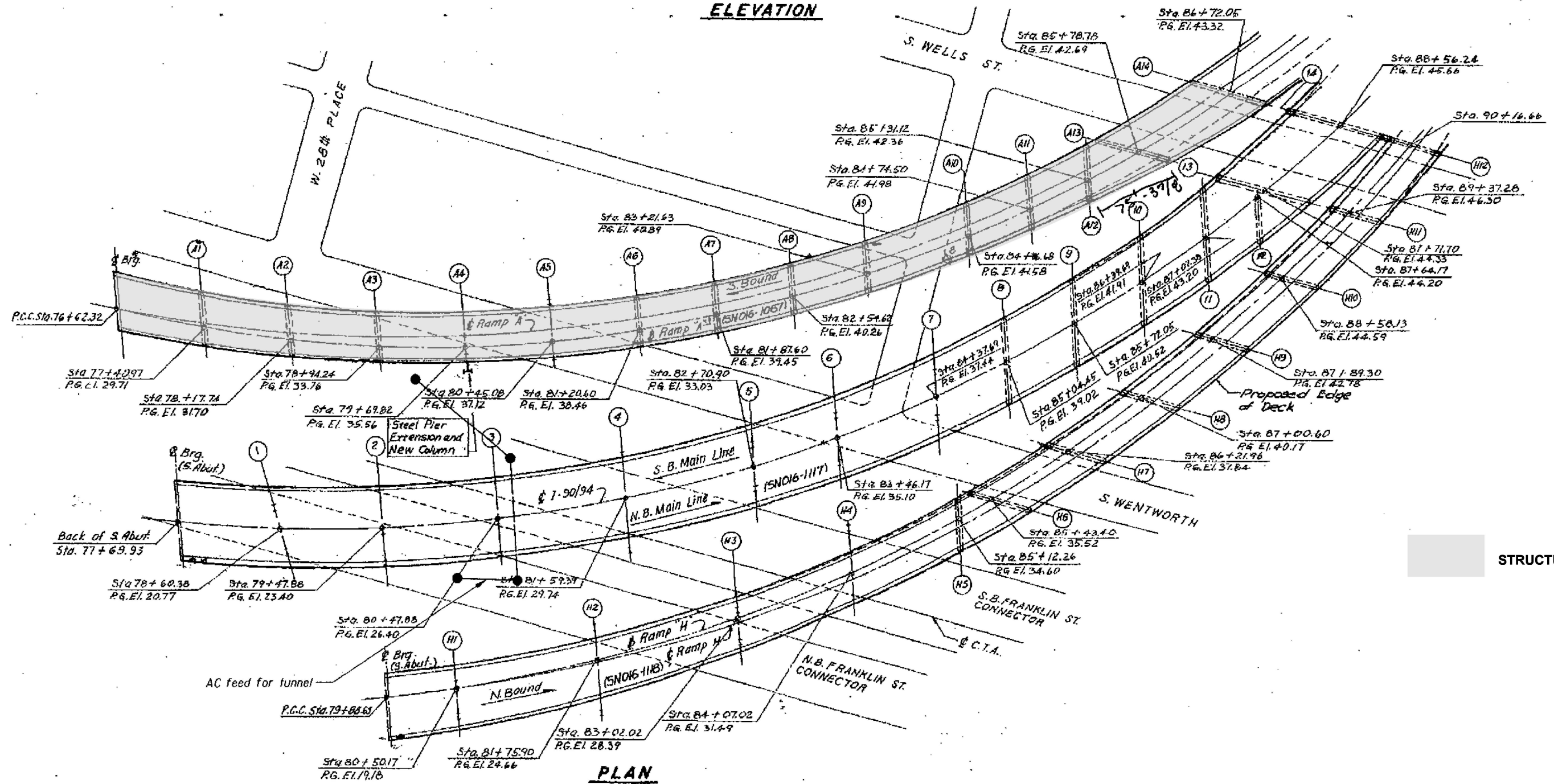
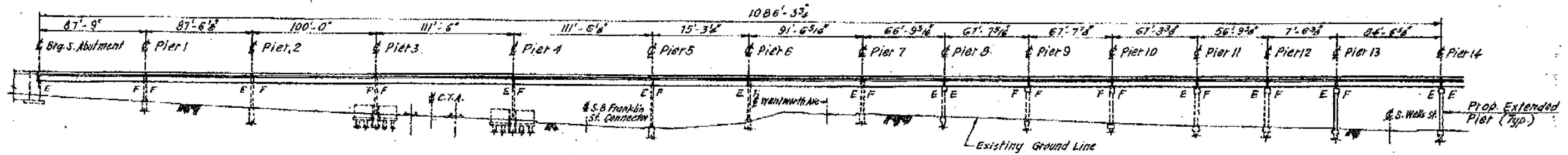
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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	2025-2020-1	VARIOUS	52	20
CONTRACT NO. 80B42				

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



STRUCTURE NO: 016-1067

FOR INFORMATION ONLY

MODEL: Location 16 Plan Elevation (Sheet)
FILE NAME: c:\p\work\hassan\121019D\00526-shr-plant.dgn

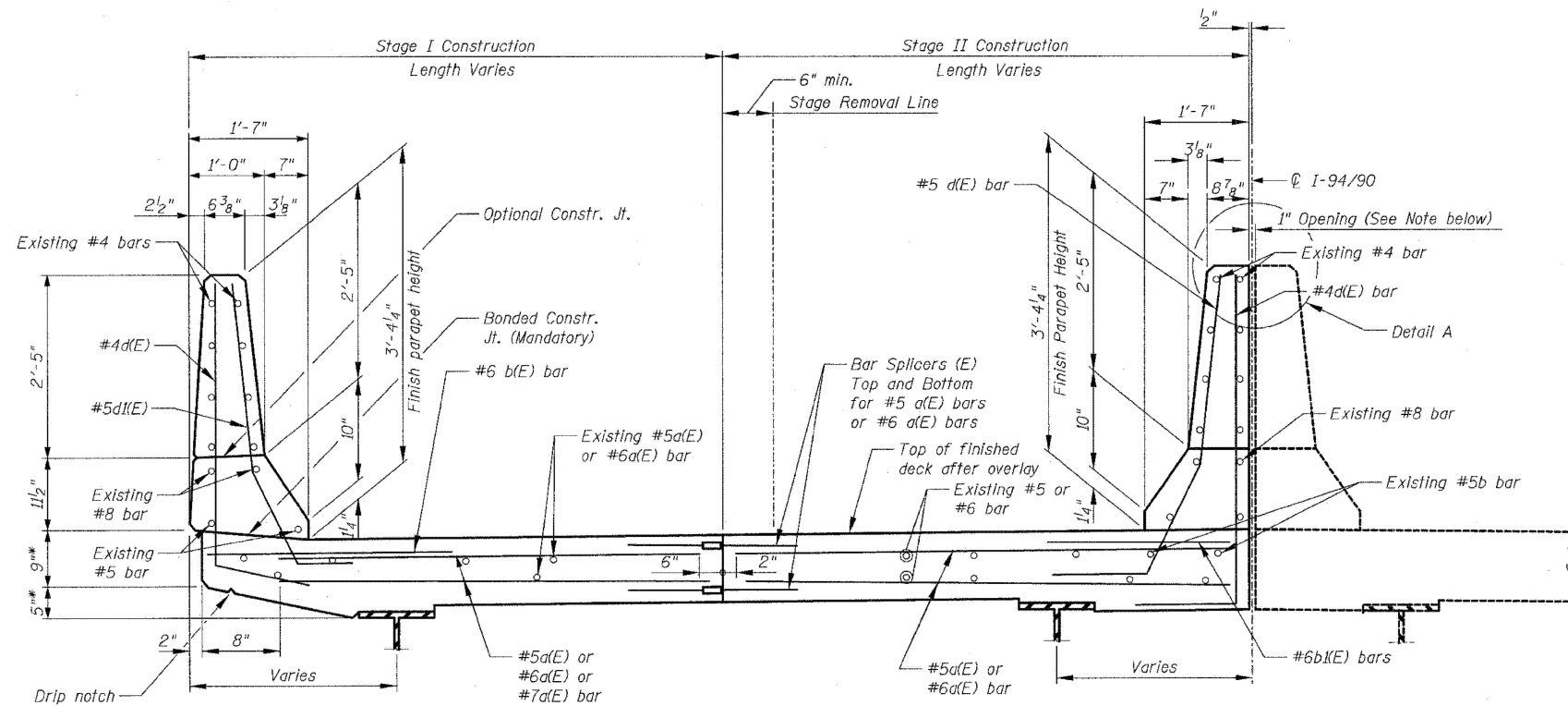
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

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	2025-2020-1	VARIOUS	52	21
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHEMRY, LAKE, WILL				



TYPICAL CROSS SECTION ALONG JOINT RECONSTRUCTION

* Match Existing

FOR INFORMATION ONLY

MODEL: Location 15 Parapet (Sheet)
FILE NAME: c:\p\work\kwd\hassan\md1210119D100526-sh-plant.dgn

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

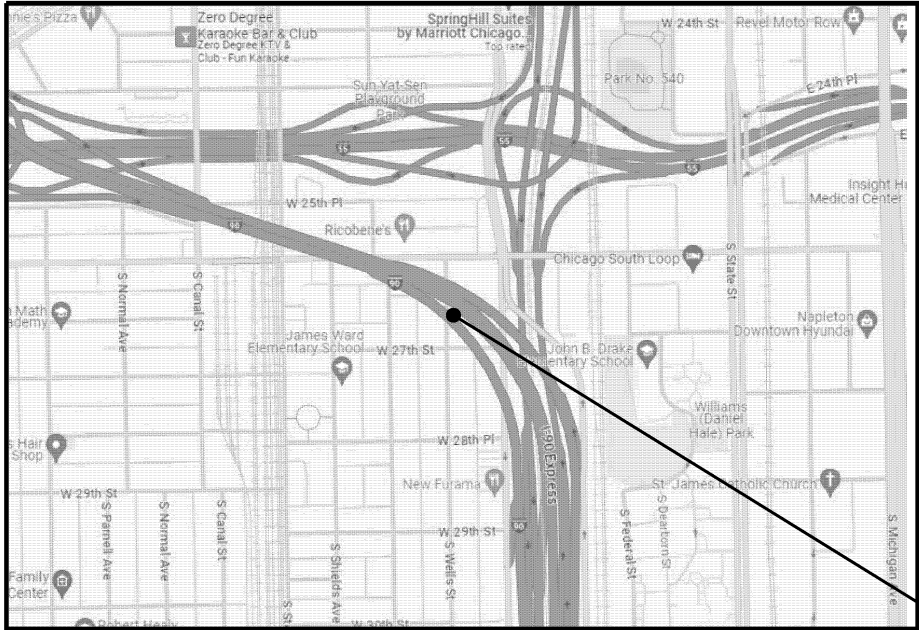
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 15
PARAPET DETAILS

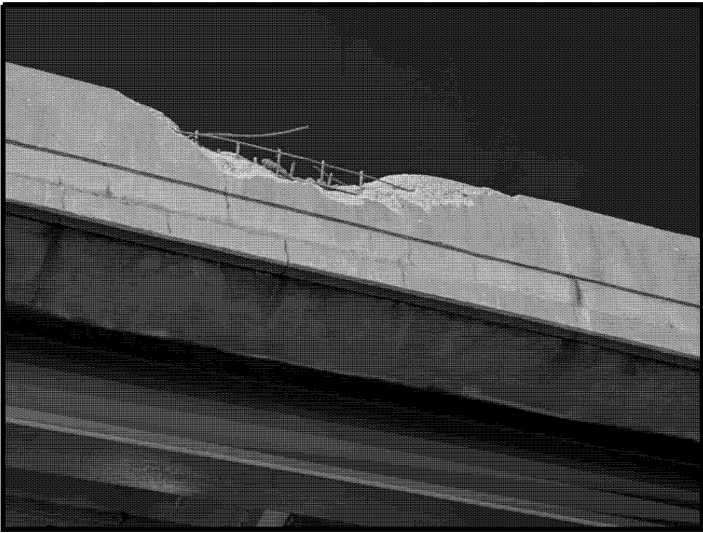
SCALE: SHEET 14 OF 39 SHEETS STA. TO STA.

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

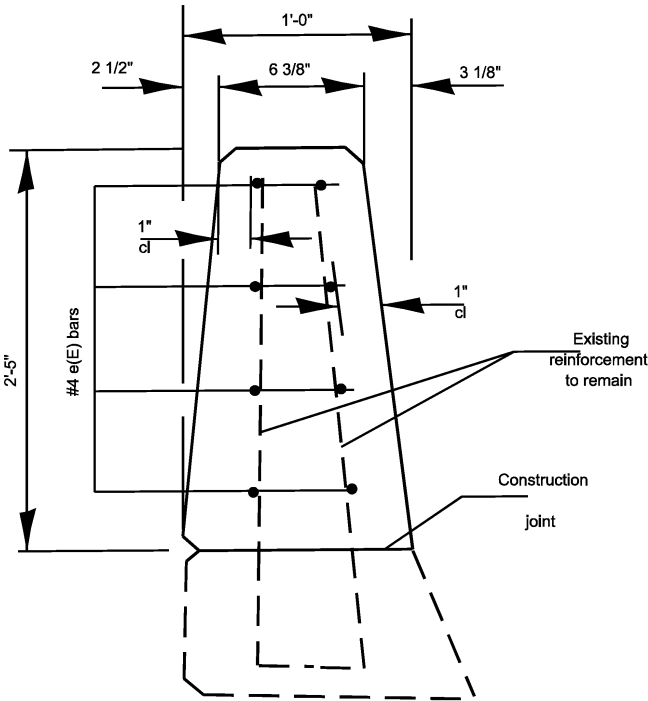
CITY OF CHICAGO
COOK COUNTY
LOCATION 15 COORDINATES: 41.844859 N, -87.633341 W

BILL OF MATERIALS

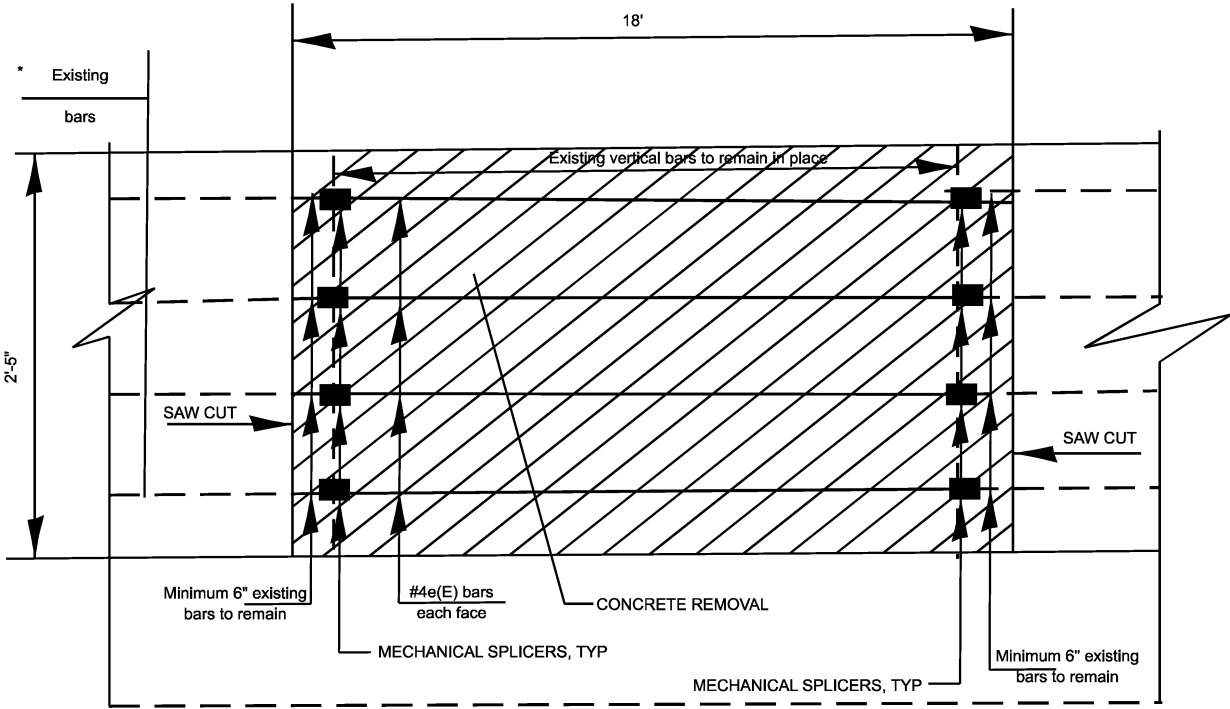
BAR	SIZE	LENGTH	SHAPE	QUANTITY
e(E)	#4	17'-8"	—	8
CONCRETE REMOVAL				CU. YDS
REINFORCEMENT BARS EPOXY COATED				LBS
CONCRETE SUPERSTRUCTURE				CU. YDS
MECHANICAL SPLICERS				EACH
PROTECTIVE COAT				SQ. YDS
SAW CUT				FOOT

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 16A (Sheet)
FILE NAME: c:\pwworking\hassan\1210119D100526-sh-plant.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 6/16/2026	DATE -	REVISED -

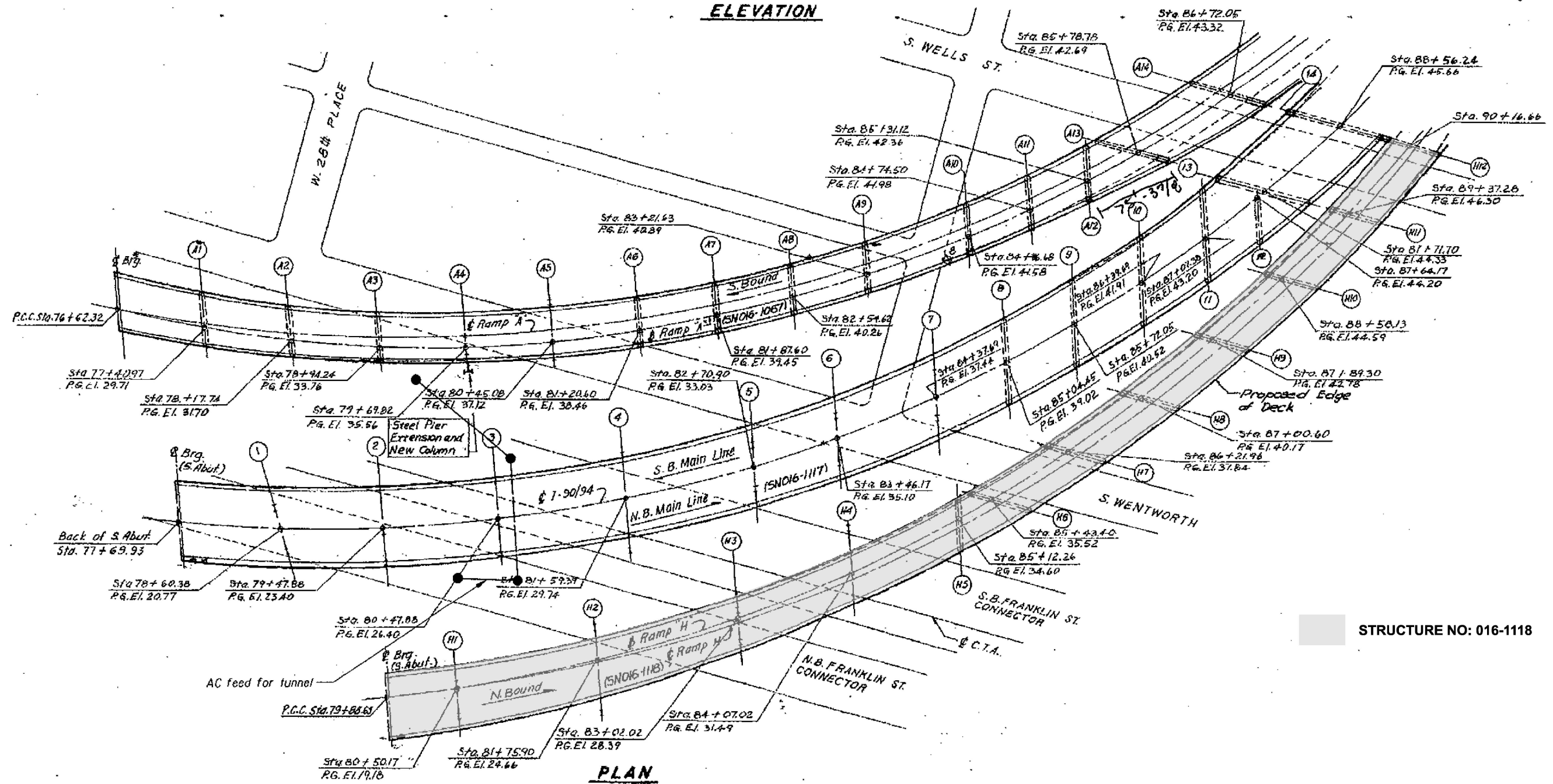
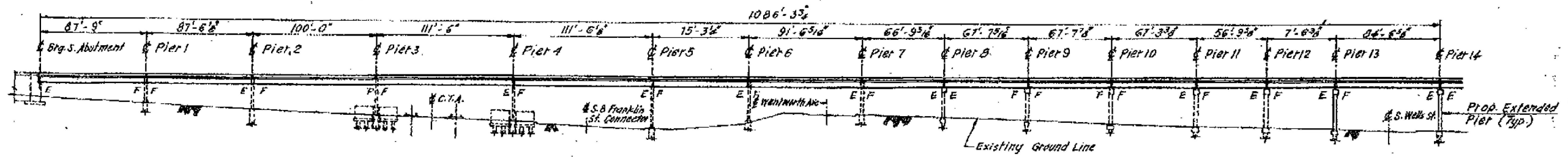
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 15
I-90/94 SB LOCALS JUST PAST PIER A14

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, MCHEENRY, LAKE, WILL



STRUCTURE NO: 016-1118

FOR INFORMATION ONLY

MODEL: Location 17 Plan Elevation (Sheet)
FILE NAME: c:\p\work\hassan\121019\016-1118-00526-shr-plant.dgn

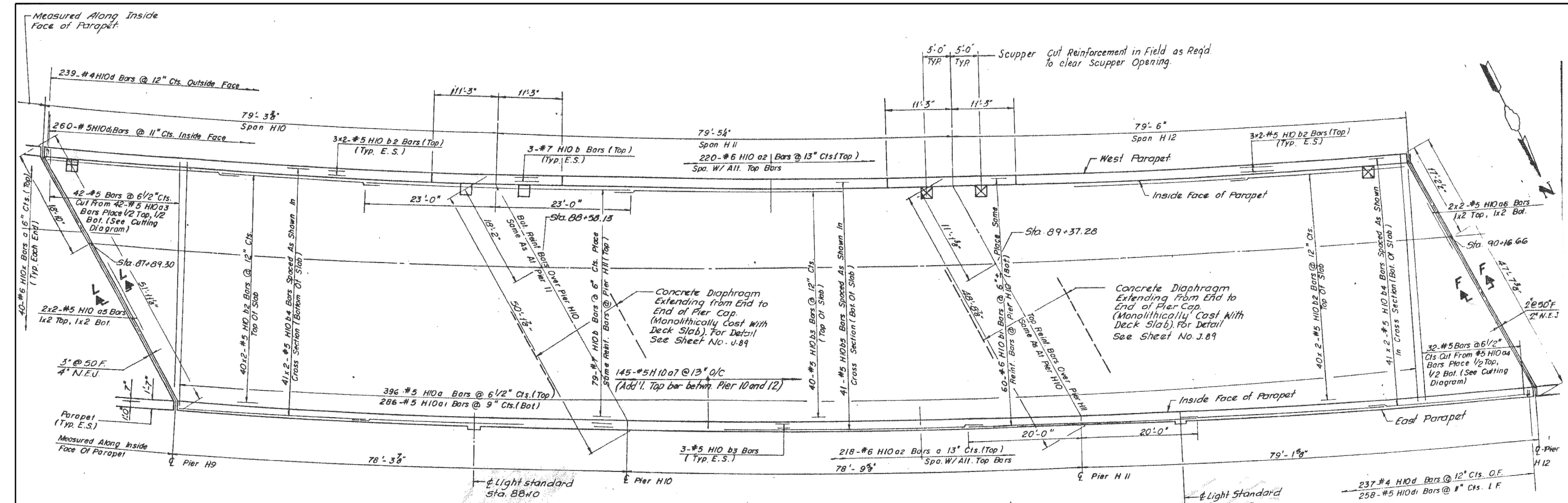
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/14/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

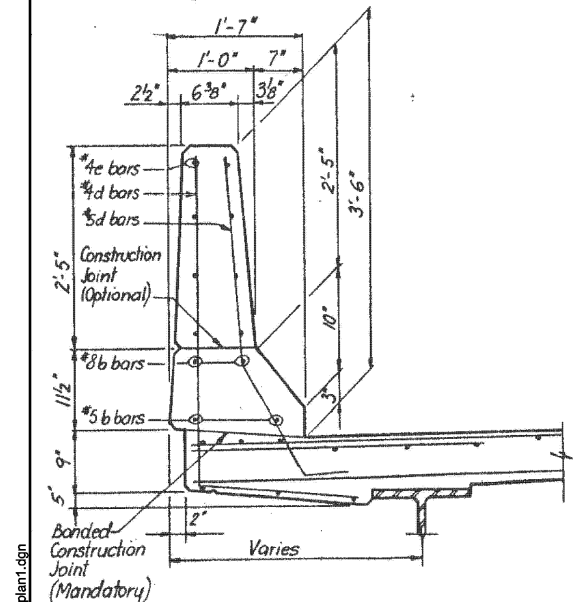
LOCATION 16
PLAN & ELEVATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-1	VARIOUS	52	24
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHEMRY, LAKE, WILL				



DECK PLAN
(SPANS H10, H11 & H12)



TYPICAL PARAPET DETAIL

FOR INFORMATION ONLY

MODEL: Location 17 Parapet (Sheet)
FILE NAME: c:\pwworking\hassanmd121019\100526-shr-plant.dgn

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

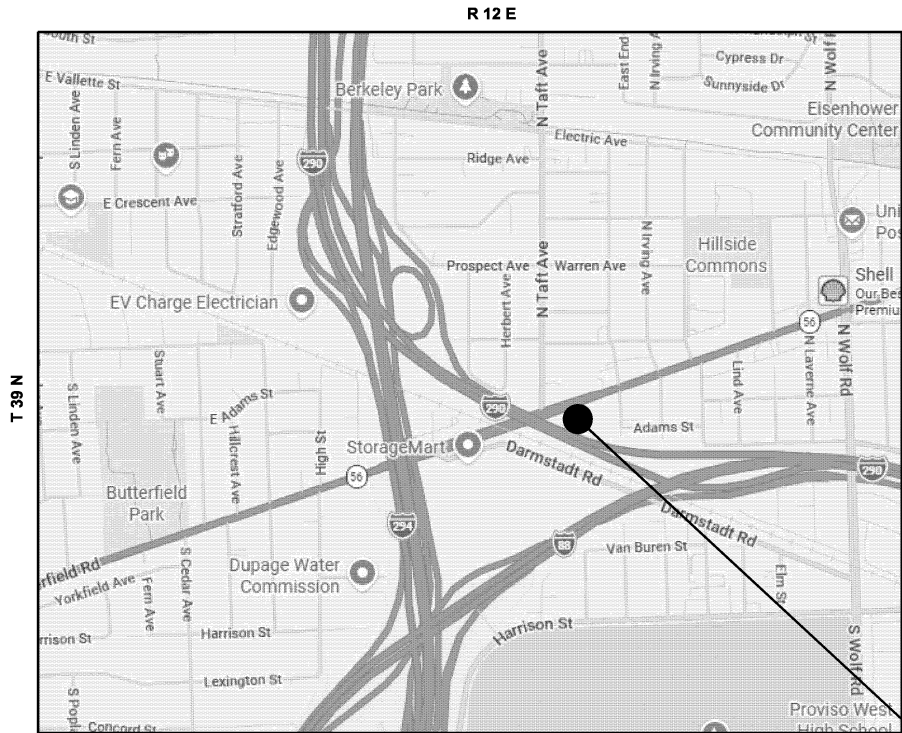
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 16
PARAPET DETAILS

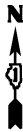
SCALE: SHEET 17 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-1	VARIOUS	52	25
CONTRACT NO. 80B42				

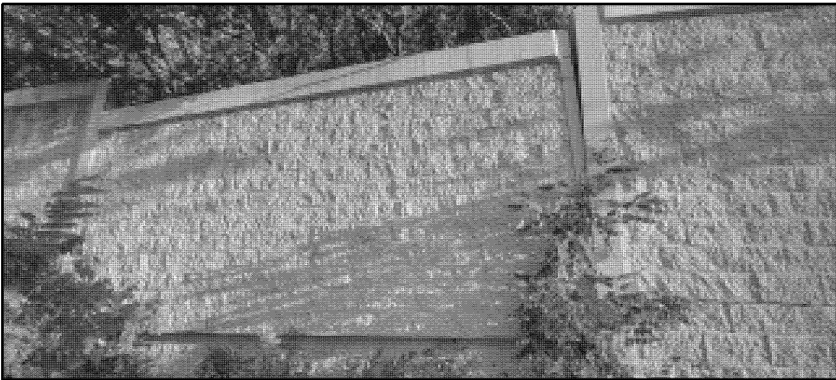
ILLINOIS FED. AID PROJECT
* COOK, DUPAGE, KANE, MCHEMRY, LAKE, WILL



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



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

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

BILL OF MATERIALS

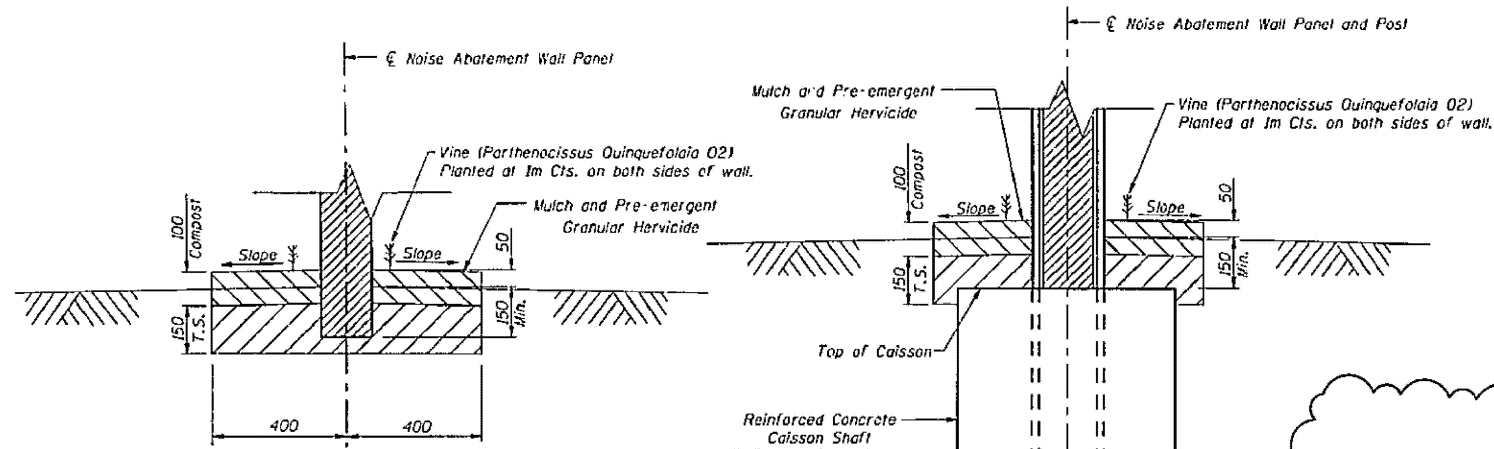
ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.06

NOTE

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

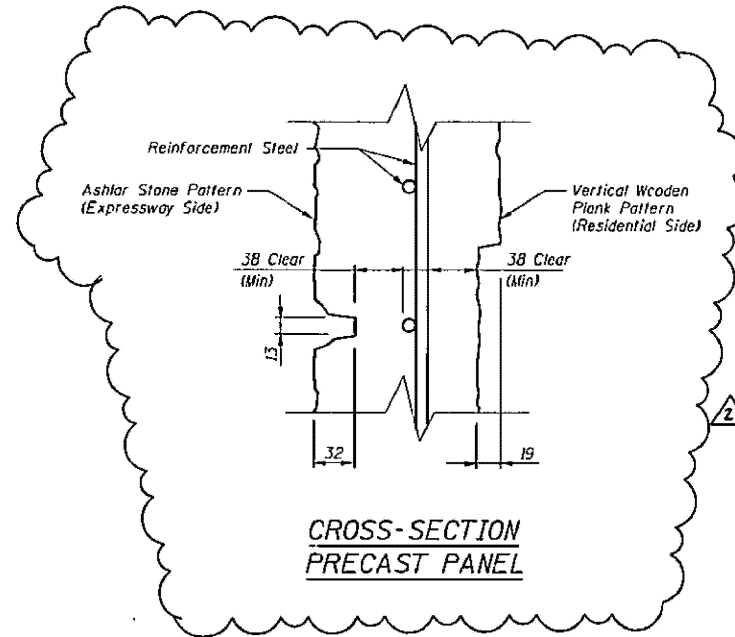
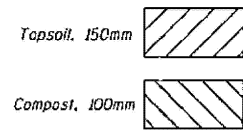
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FILE NAME: c:\pw_work\kwd\hassanmd1210119D100526-shh-plan1.dgn

	USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 17 I-290 WB EAST OF IL-56 (BUTTERFIELD RD.)	SCALE:	SHEET 19 OF 39 SHEETS STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR	2025-2020-I	VARIOUS	52	27
		CHECKED -	REVISED -					CONTRACT NO. 80B42				
	PLOT DATE = 5/15/2026	DATE -	REVISED -					ILLINOIS FED. AID PROJECT * COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				

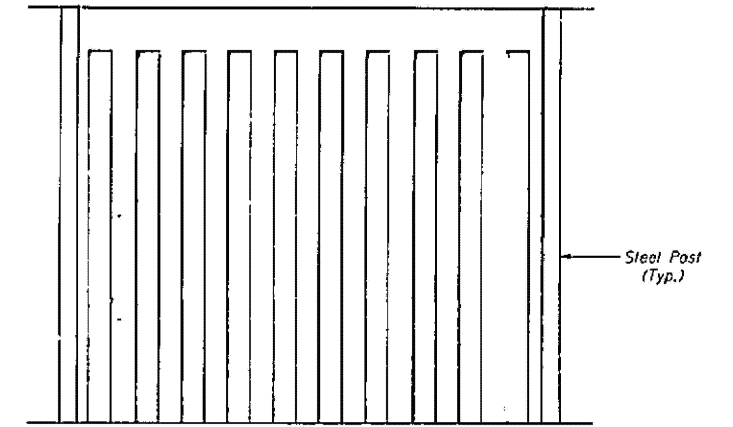


BOTTOM OF PANEL DETAIL

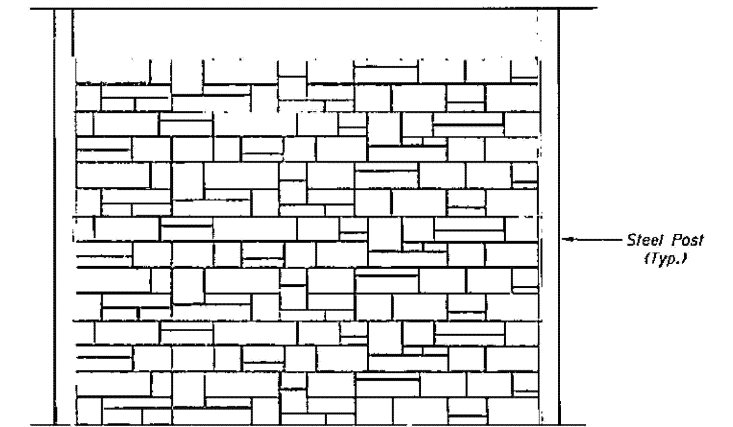
LEGEND



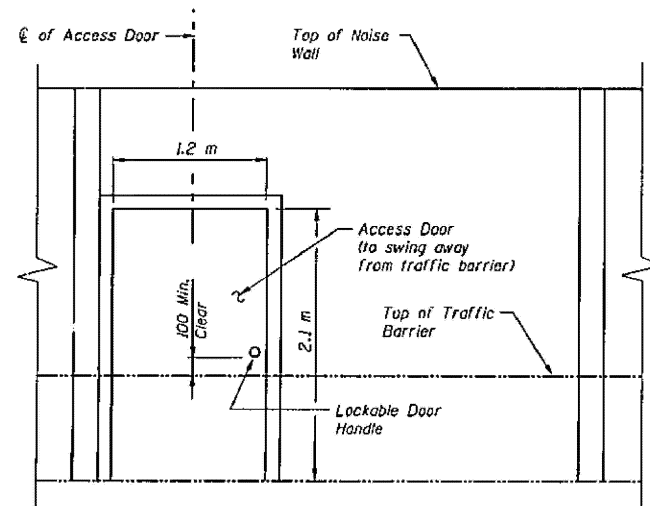
**CROSS-SECTION
PRECAST PANEL**



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

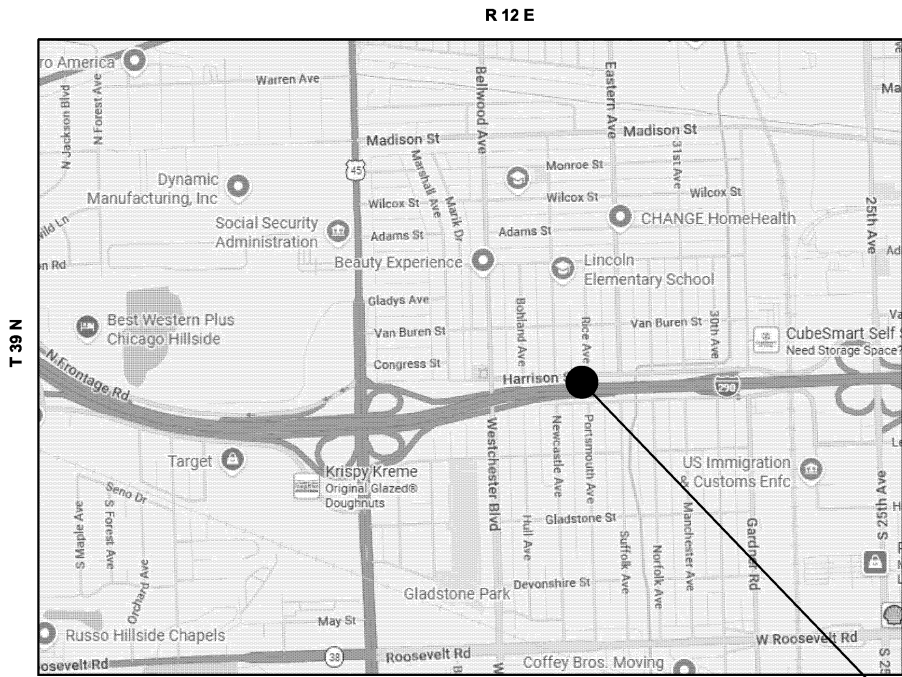
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

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

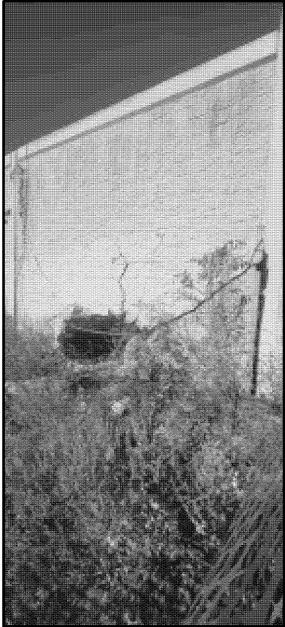
ILLINOIS FED. AID PROJECT
* COOK, DUPAGE, KANE, MCHEENRY, LAKE, WILL



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

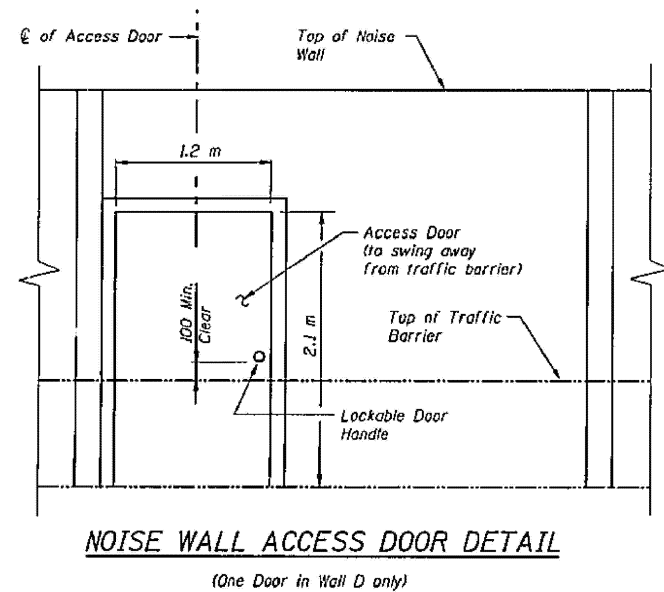
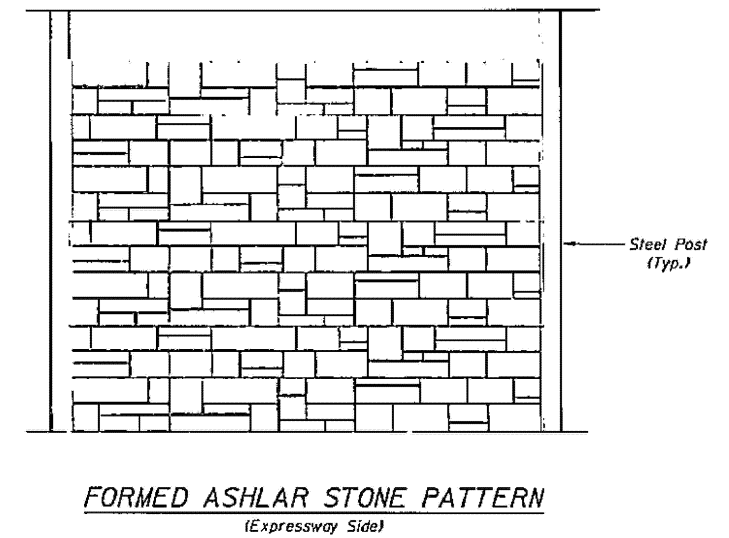
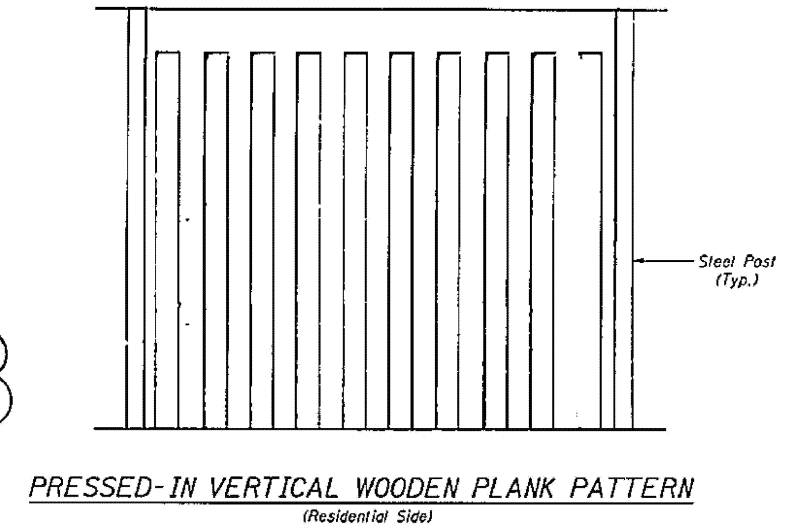
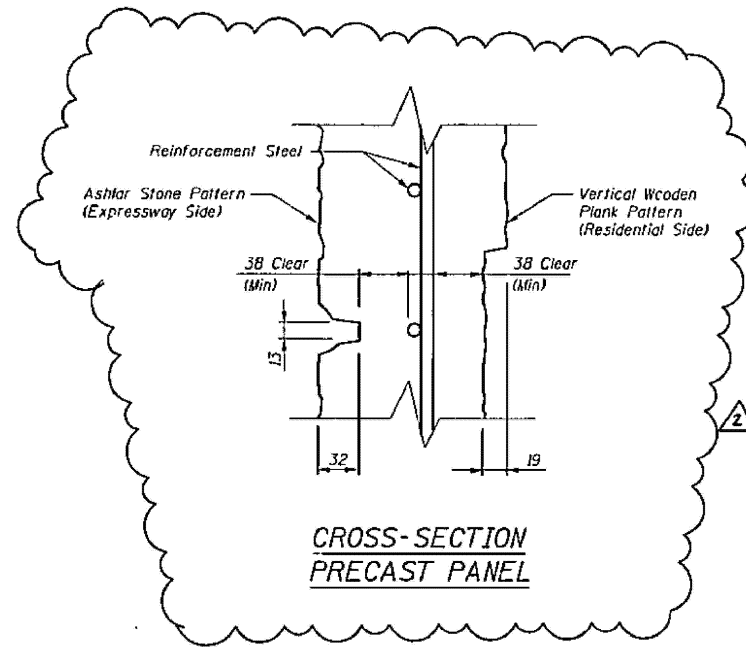
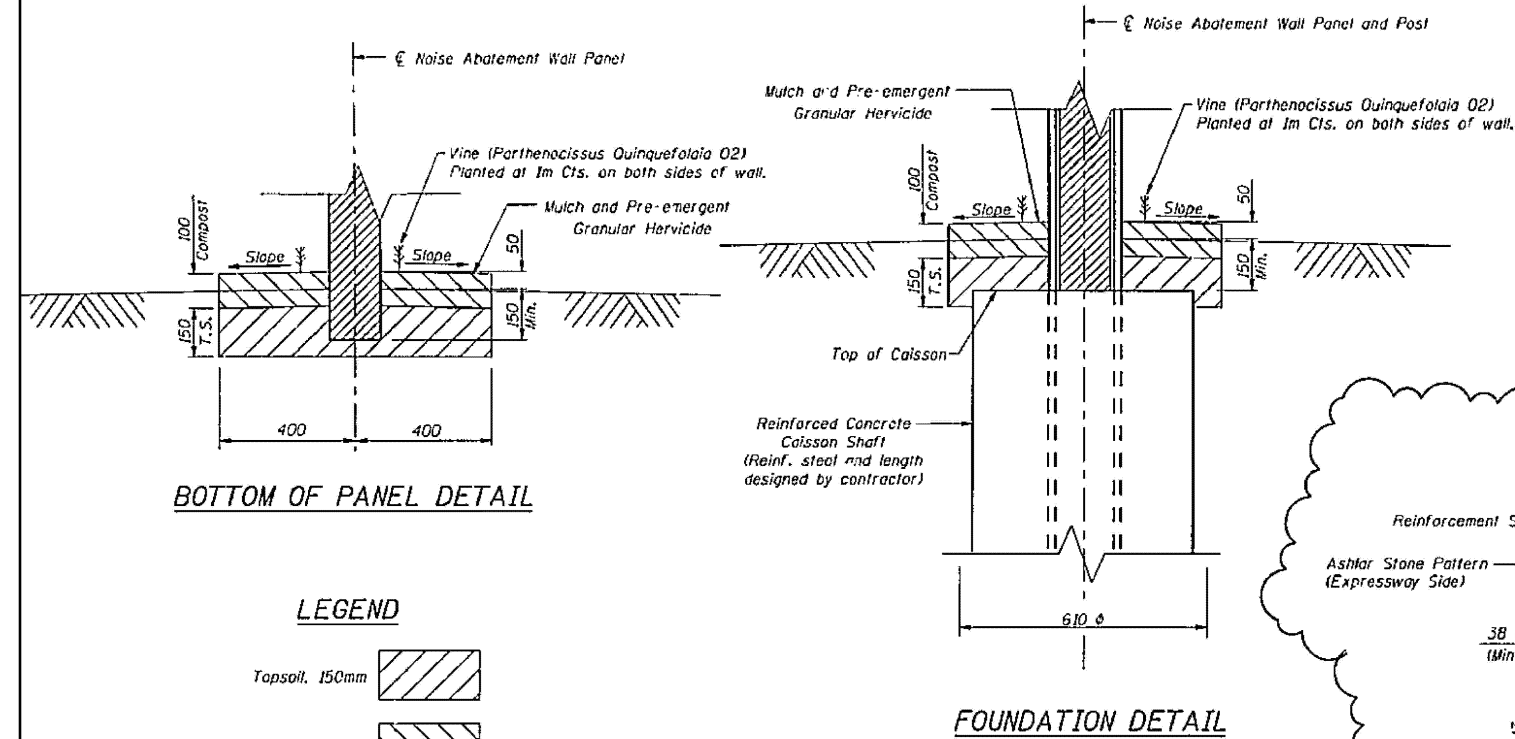
NOTE

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

MODEL: Location 18 (Sheet)
FILE NAME: c:\p\work\k\hassan\md1210119D100526-shr-plant.dgn

	USER NAME = naveed.hassan	DESIGNED -	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.
		DRAWN -	REVISED -						VAR	2025-2020-I	VARIOUS	52	29
		CHECKED -	REVISED -						CONTRACT NO. 80B42				
	PLOT DATE = 5/15/2026	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

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



FOR INFORMATION ONLY

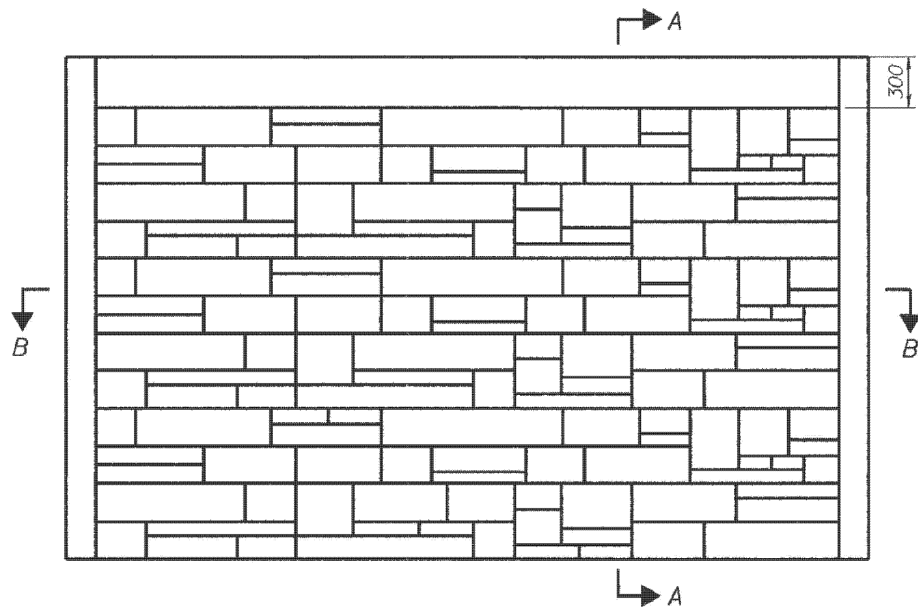
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	30
CONTRACT NO. 80B42				

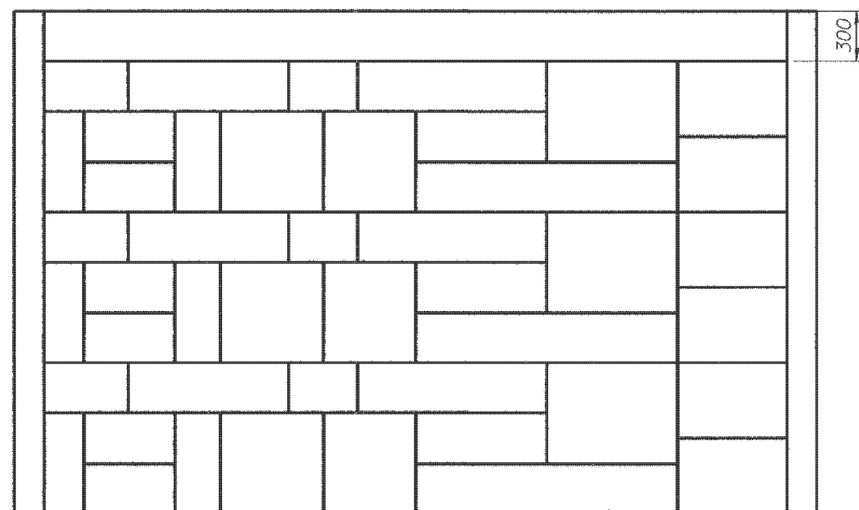
SCALE: SHEET 22 OF 39 SHEETS STA. TO STA.

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



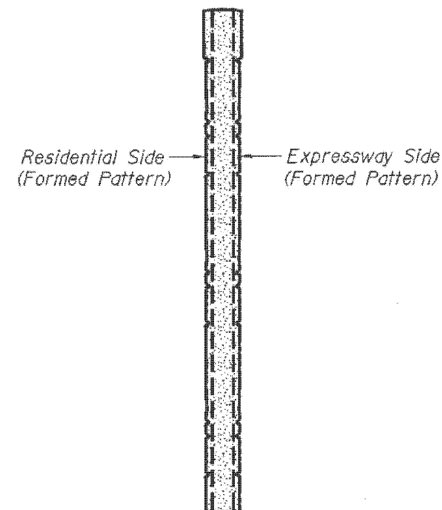
FORMED ASHLAR STONE PATTERN

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

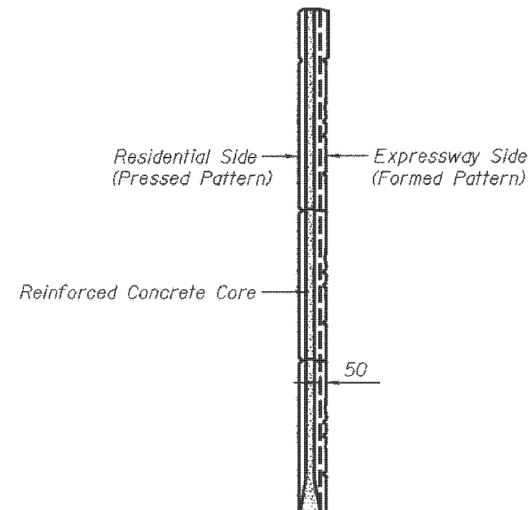


PRESSED ASHLAR STONE PATTERN

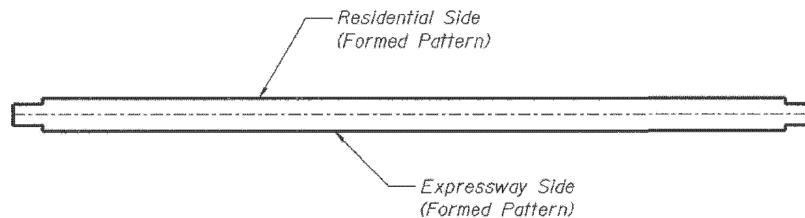
(Absorptive Panel - Residential Side only)



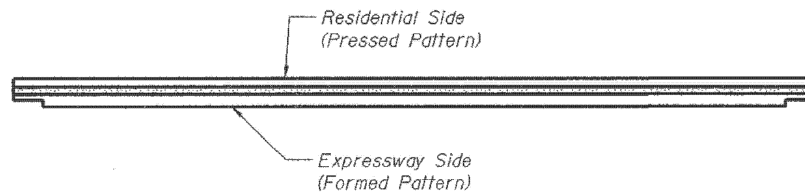
SECTION A-A THRU PRECAST PANEL



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 20 Details (Sheet)
FILE NAME: c:\p\work\kwh\hassan\1210119D100526-ash-plant.dgn

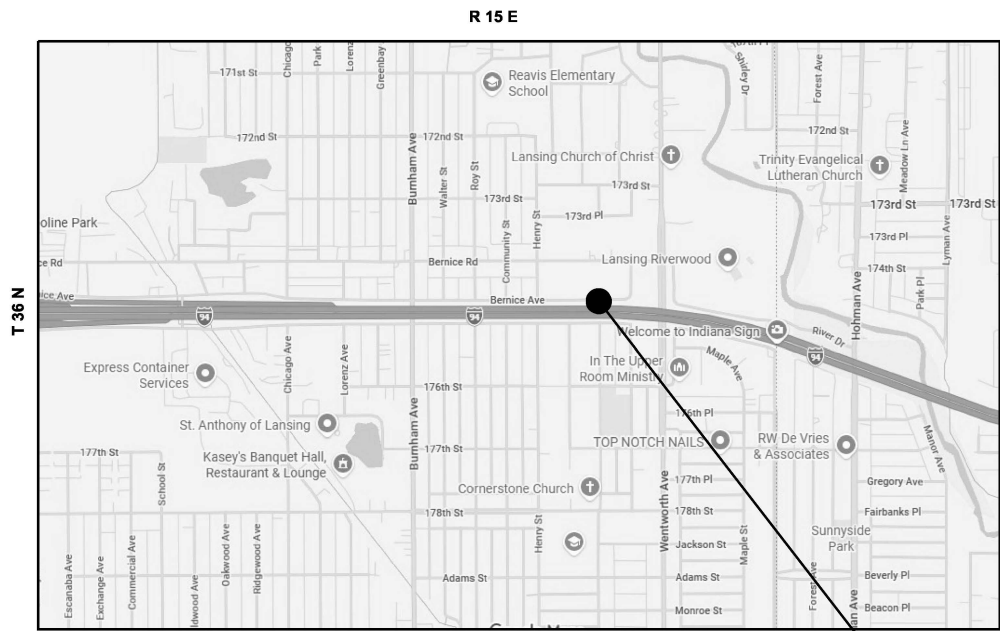
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

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, MCHEMRY, 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.



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

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.06

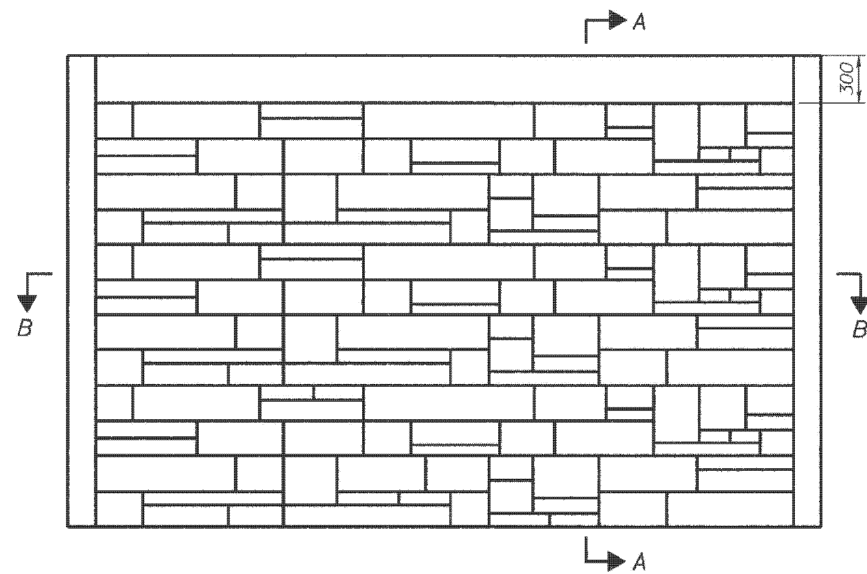
NOTE

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

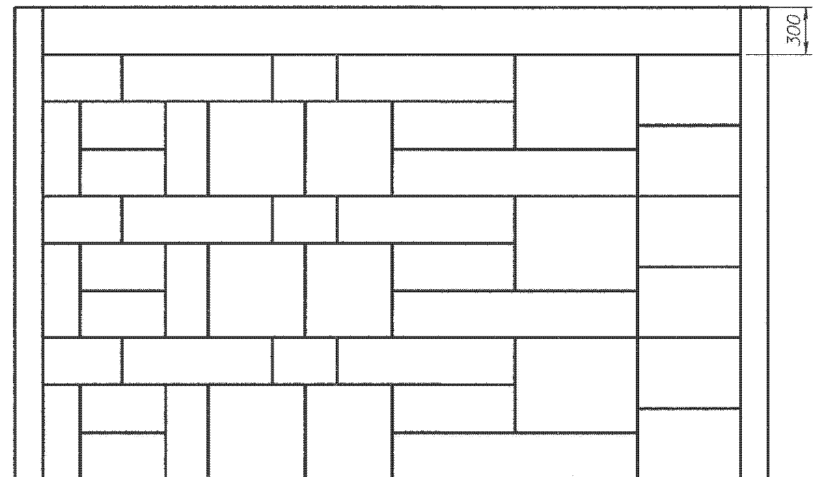
MODEL: Location 21 [Sheet]
FILE NAME: c:\pw_work\pwdothassan\md12\0119\00526-sh1-plan1.dgn

	USER NAME = naveed.hassan	DESIGNED -	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.
		DRAWN -	REVISED -							VAR	2025-2020-I	VARIOUS	52	33
		CHECKED -	REVISED -							CONTRACT NO. 80B42				
	PLOT DATE = 5/15/2026	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				

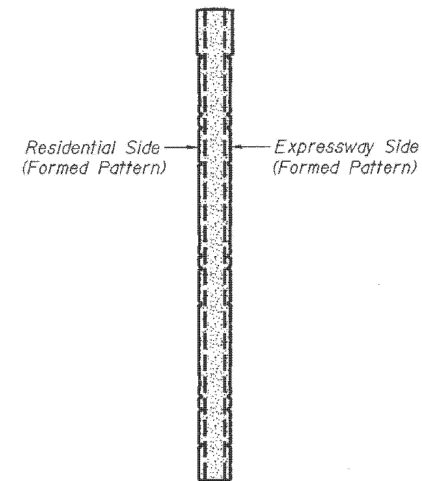
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



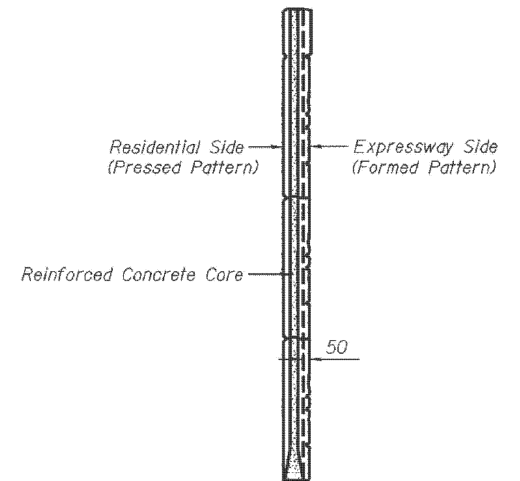
FORMED ASHLAR STONE PATTERN
(Absorptive Panel - Expressway Side only)
(Precast Panel - Expressway & Residential Sides)



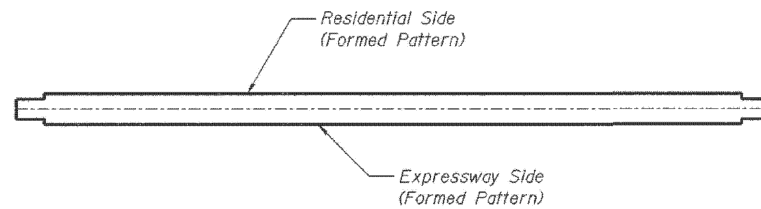
PRESSED ASHLAR STONE PATTERN
(Absorptive Panel - Residential Side only)



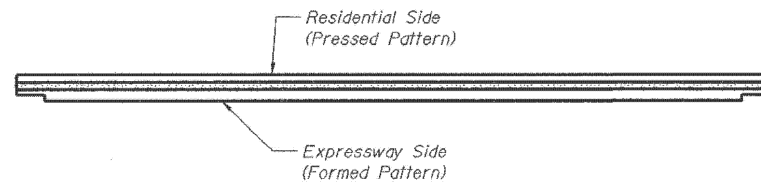
SECTION A-A THRU PRECAST PANEL



SECTION A-A THRU ABSORPTIVE PANEL



SECTION B-B THRU PRECAST PANEL



SECTION B-B THRU ABSORPTIVE PANEL

FOR INFORMATION ONLY

MODEL: Location 21 Detail [Sheet]
FILE NAME: c:\p\work\dot\hassan\md1210119D100526-shr-plant.dgn

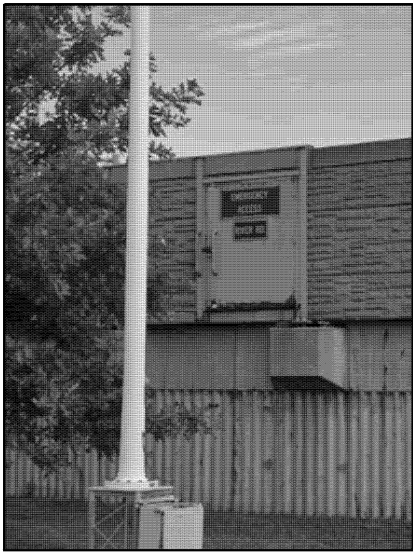
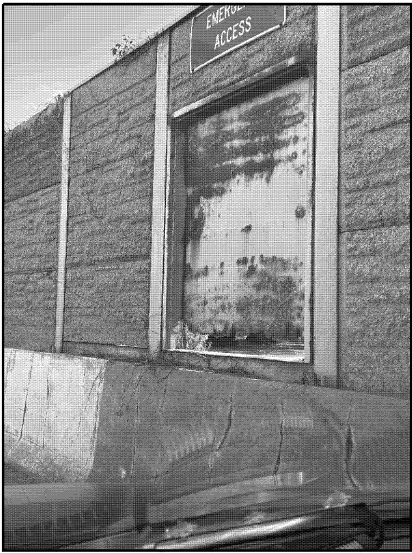
	USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 20 I-80/94 WB ABOUT 0.13 MILES WEST OF WENTWORTH AVE.	SCALE:	SHEET 26 OF 39 SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							VAR	2025-2020-I	VARIOUS	52	34
		CHECKED -	REVISED -							CONTRACT NO. 80B42				
	PLOT DATE = 5/15/2026	DATE -	REVISED -							ILLINOIS FED. AID PROJECT * COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				



**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

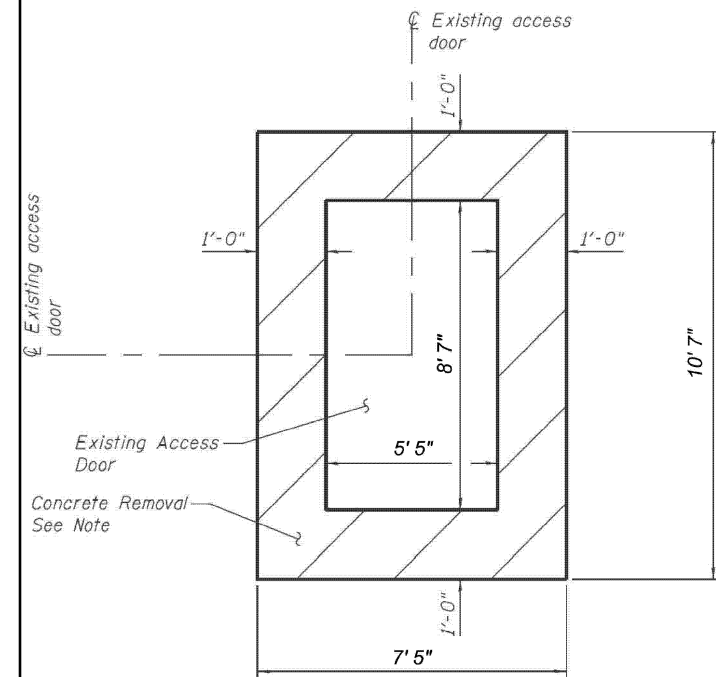
REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS
IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 22 (Sheet)
FILE NAME: c:\p\work\kwh\hassan\md1210119D100526-shh-plan1.dgn

	USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 21 I-80/94 EB&WB ABOUT 100' WEST OF STATE LINE RD.	SCALE:	SHEET 27 OF 39 SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							VAR	2025-2020-I	VARIOUS	52	35
		CHECKED -	REVISED -							CONTRACT NO. 80B42				
	PLOT DATE = 5/15/2026	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				

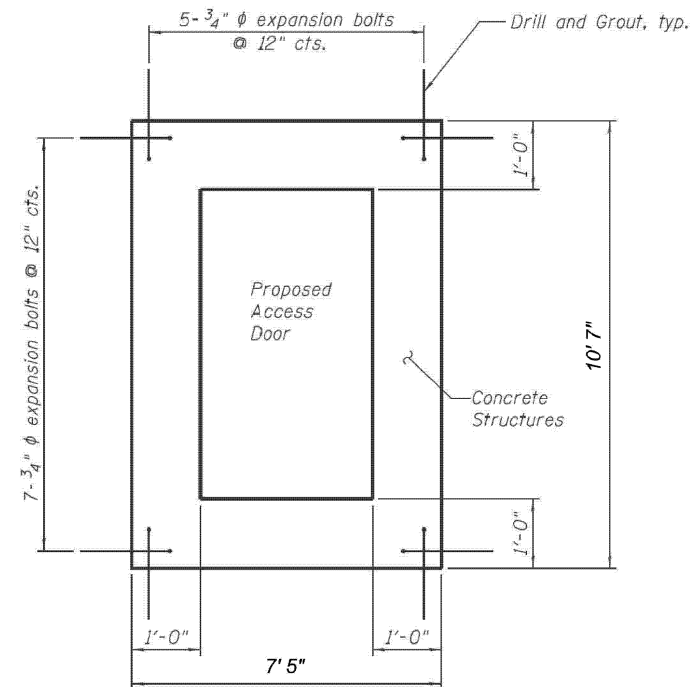
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL

MODEL: Location 22 Detail [Sheet]
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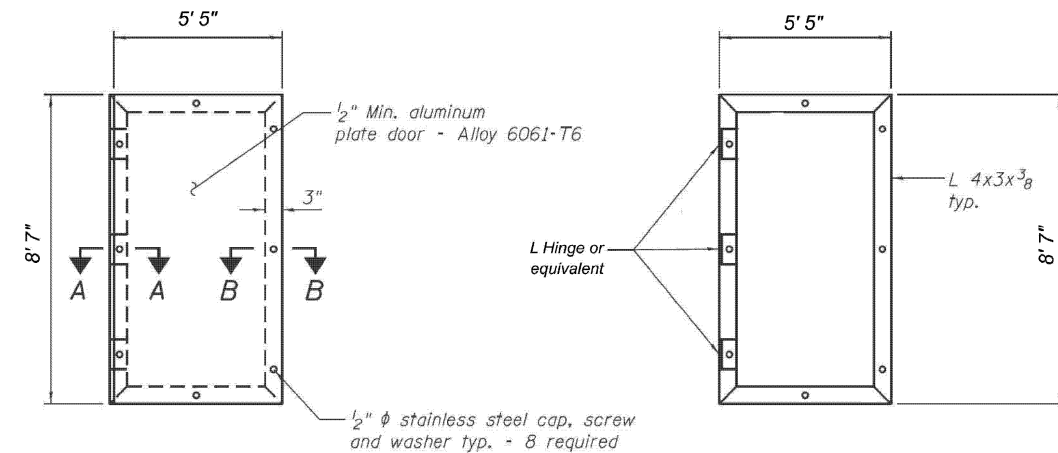


CONCRETE REMOVAL DETAIL

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



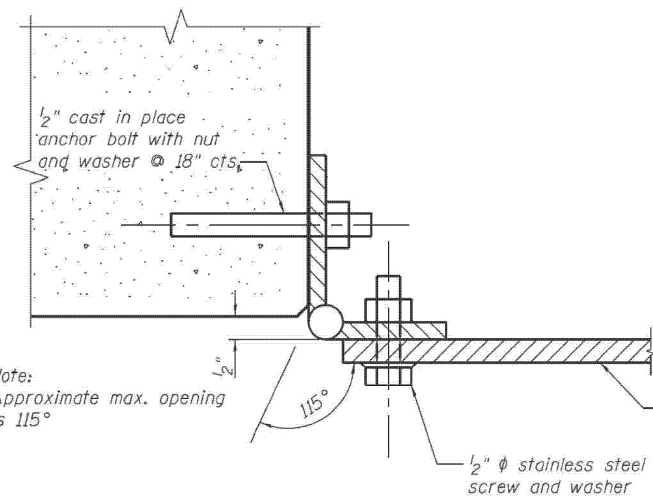
CONCRETE FILL AT ACCESS HOLE



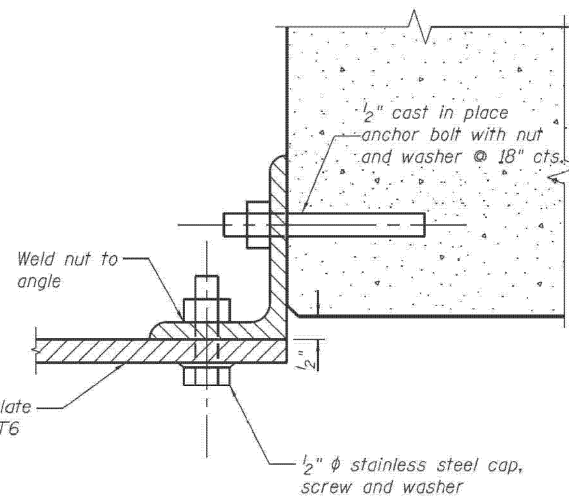
ACCESS DOOR

ACCESS DOOR FRAME

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



SECTION A-A



SECTION B-B

FOR INFORMATION ONLY

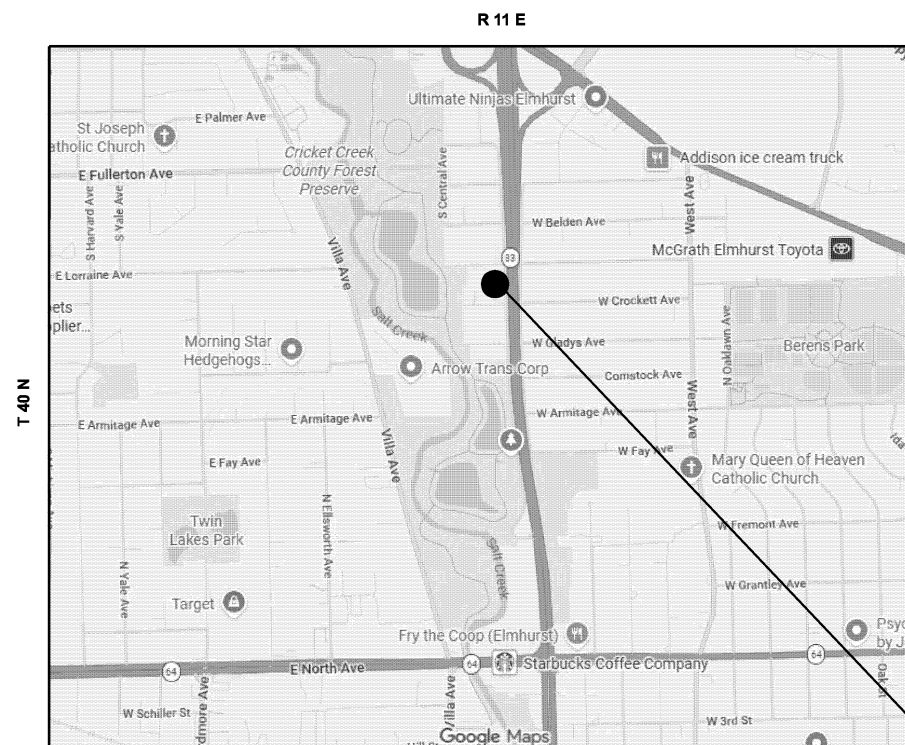
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/15/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET 28 OF 39 SHEETS STA. TO STA.

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



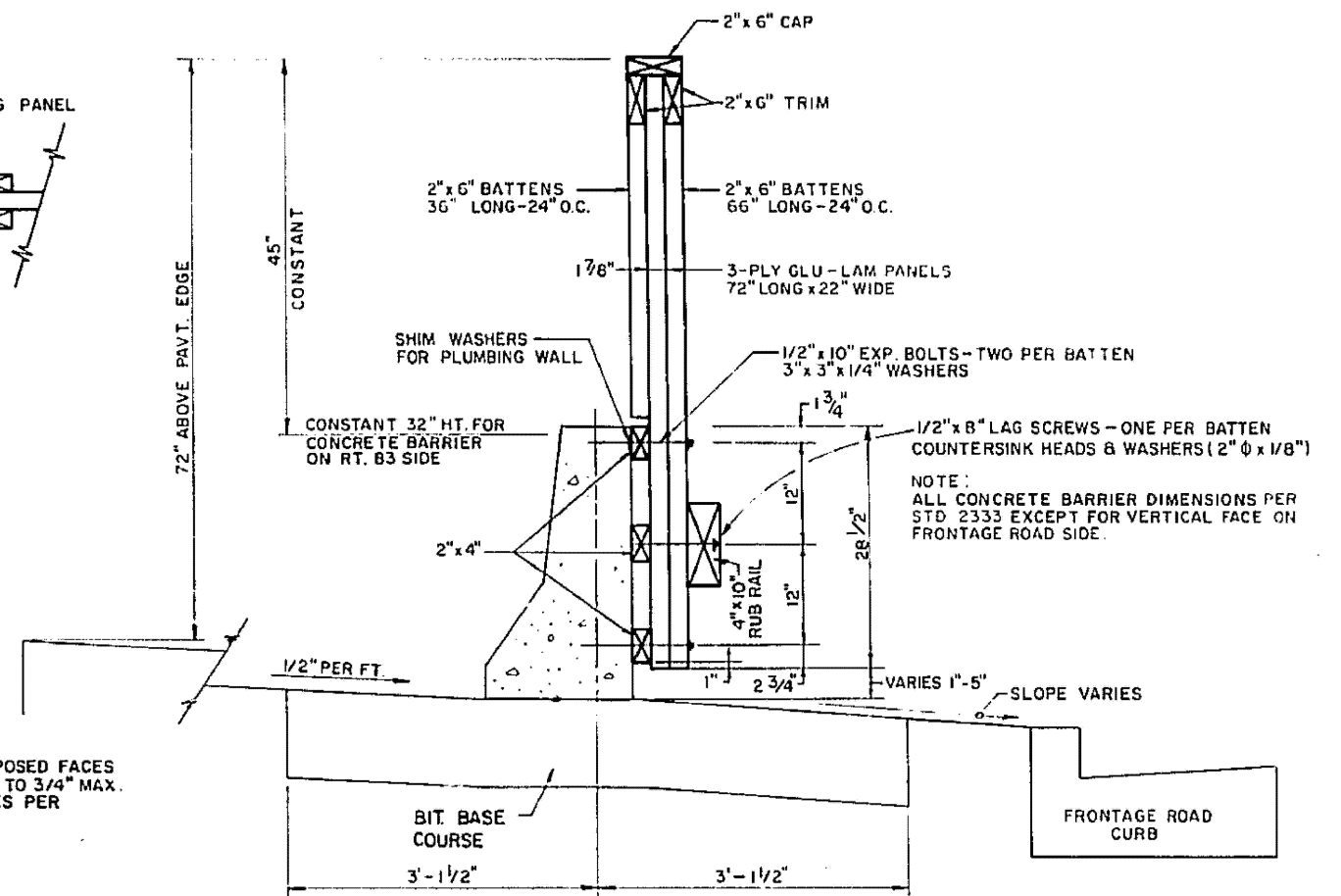


Diagram illustrating the typical bolt circle for a concrete barrier. The central feature is a circle labeled "TYPICAL BOLT CIRCLE" inscribed within a square. The square is surrounded by a frame of steel plates, labeled "PANEL". The top and bottom plates are 2' x 6", and the side plates are 2' x 6". The total width of the assembly is 60". The top and bottom plates are labeled "TOP OF CONCRETE BARRIER - 9"

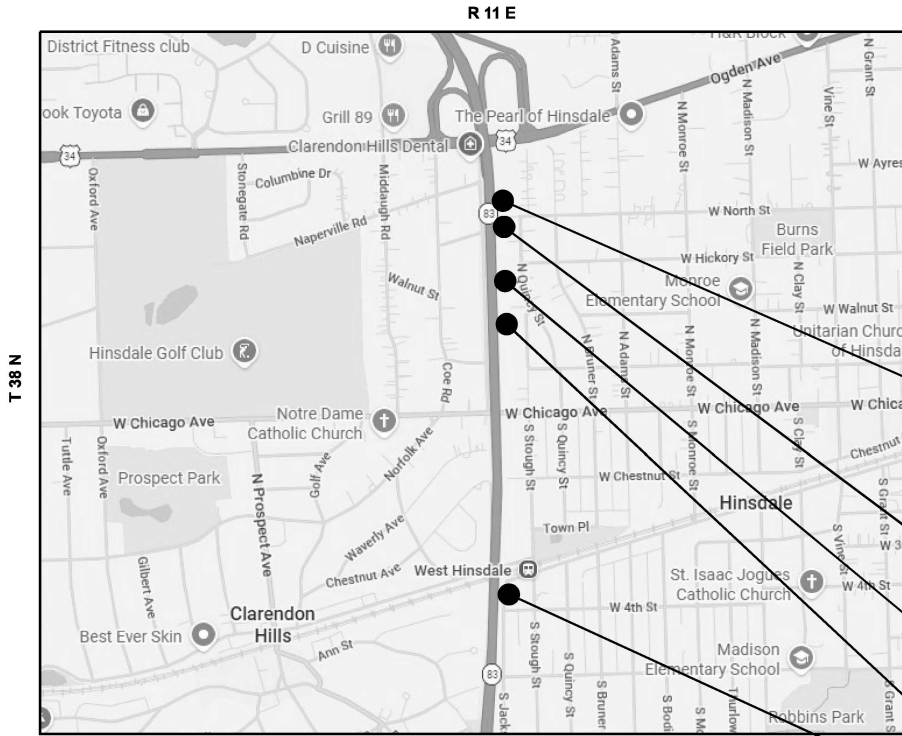
Diagram showing the elevation of a concrete barrier wall. The wall is divided into three sections with the following dimensions:

- Section 1 (Left): 5' wide, 15" high.
- Section 2 (Middle): 8' wide, 15" high.
- Section 3 (Right): 15" high.

The total height of the wall is 15". The drawing is labeled "TOP OF CONCRETE BARRIER WALL" at the base.

ILLINOIS	FED. AID PROJECT
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* 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

MODEL: Location 26 (Sheet)
FILE NAME: c:\pw\work\downers\hassan\1210119D\00526-shh-plan2.dgn

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

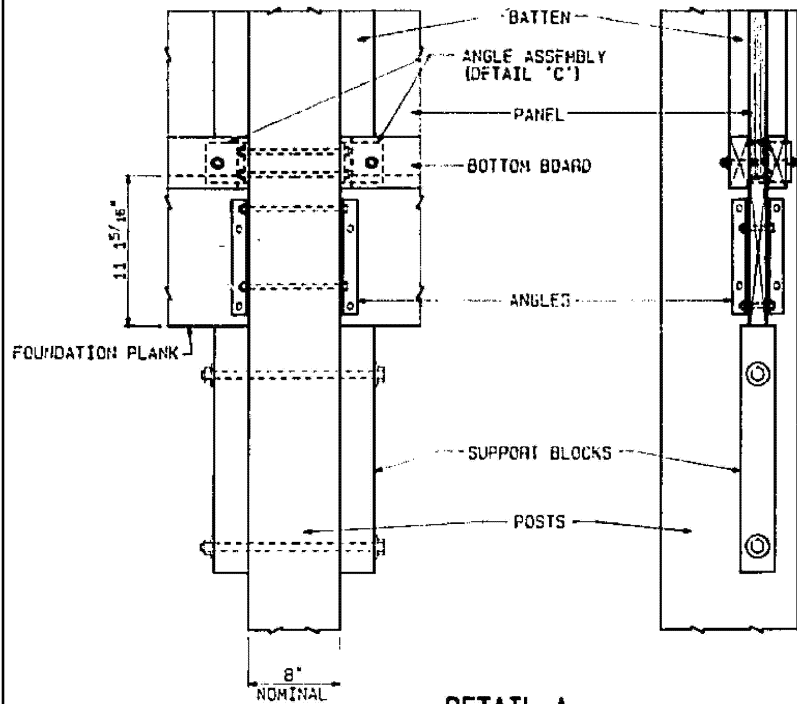
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

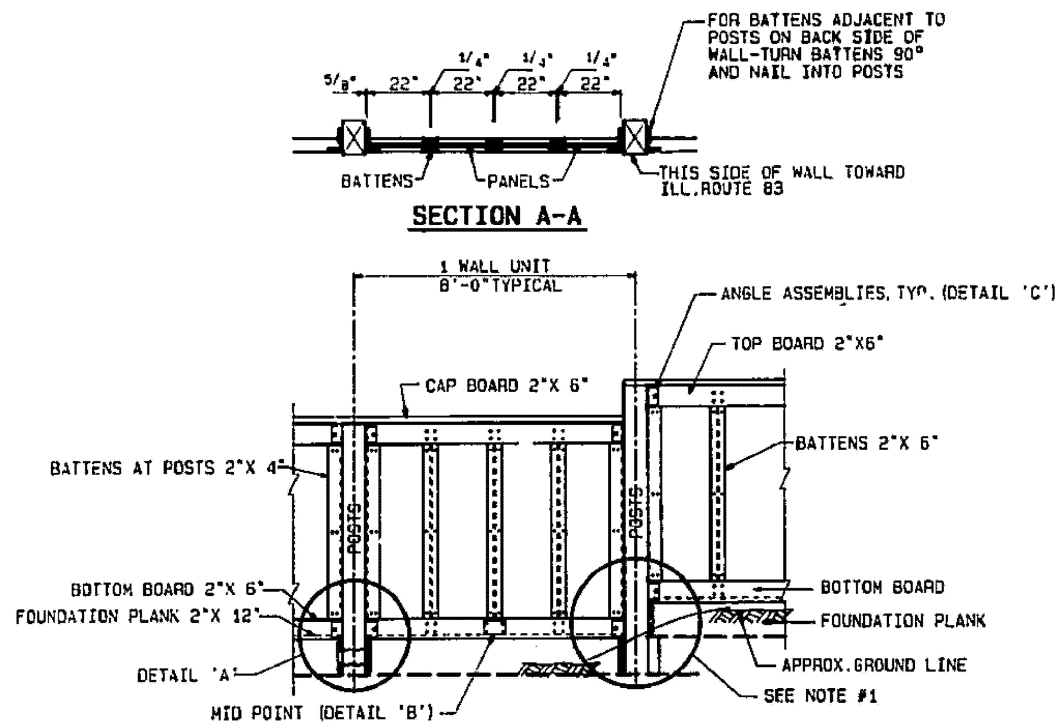
SCALE: SHEET 31 OF 39 SHEETS STA. TO STA.

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

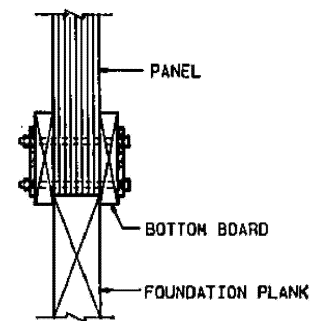


DETAIL A

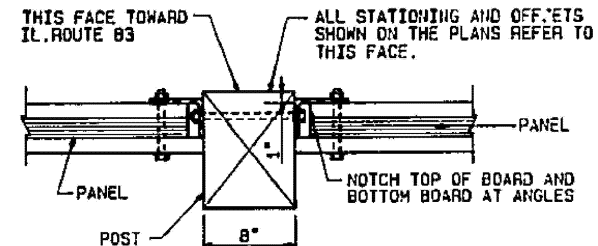


ELEVATION

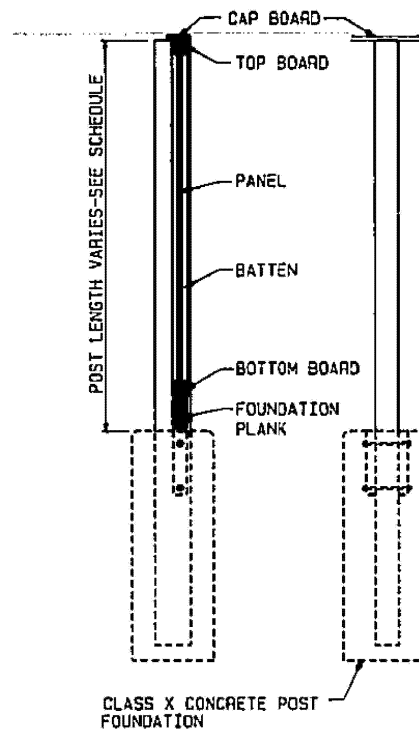
WOOD POST LAMINATE NOISE WALL



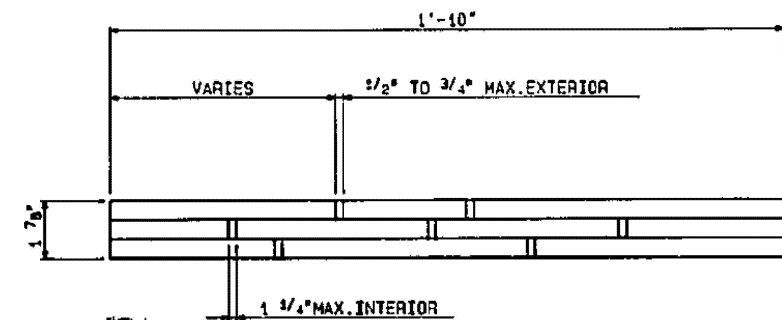
DETAIL B



DETAIL C



POST DETAIL



PANEL LAMINATION DETAIL

MODEL: Location 26 Detail [Sheet]
FILE NAME: c:\p\work\wood\hassan\1210119D100526-shr-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, MCHEMRY, LAKE, WILL				

MODEL: Untitled [Sheet]
FILE NAME: c:\p\work\kwd\hassan\md1210119D100526-shh-plan2.dgn



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

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

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



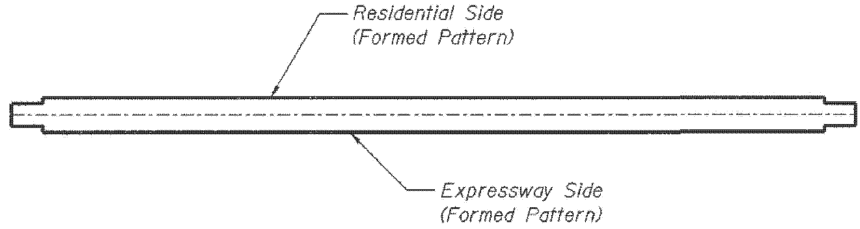
DURISOL TYPE WALL
REPLACE TWO 14.5 FT X 15 FT PANELS & SUPPORT

BILL OF MATERIALS

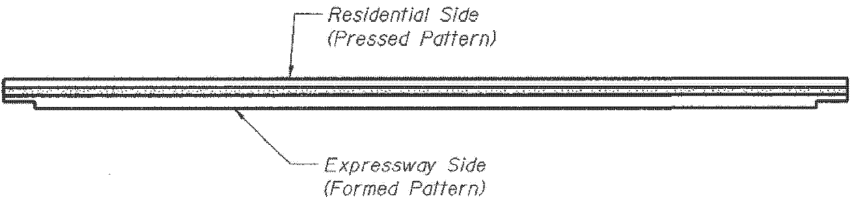
ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.07

NOTE

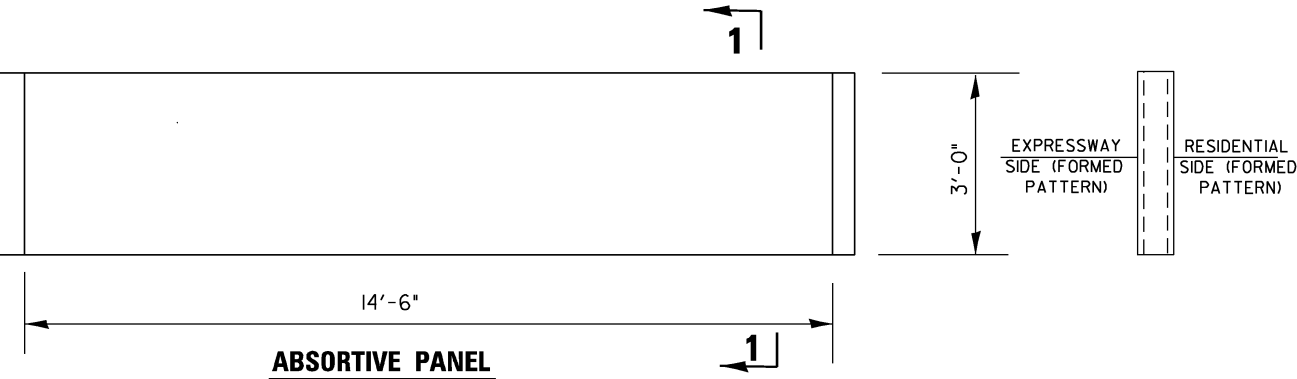
REINFORCEMENT AND LIFTING BARS TO BE DETERMINED BY MANUFACTURER.
CONTRACTOR SHALL MATCH EXISTING COLOR AND PATTERN FOR PANEL REPLACEMENT.
REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.



SECTION B-B THRU PRECAST PANEL



SECTION B-B THRU ABSORPTIVE PANEL



ABSORPTIVE PANEL

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

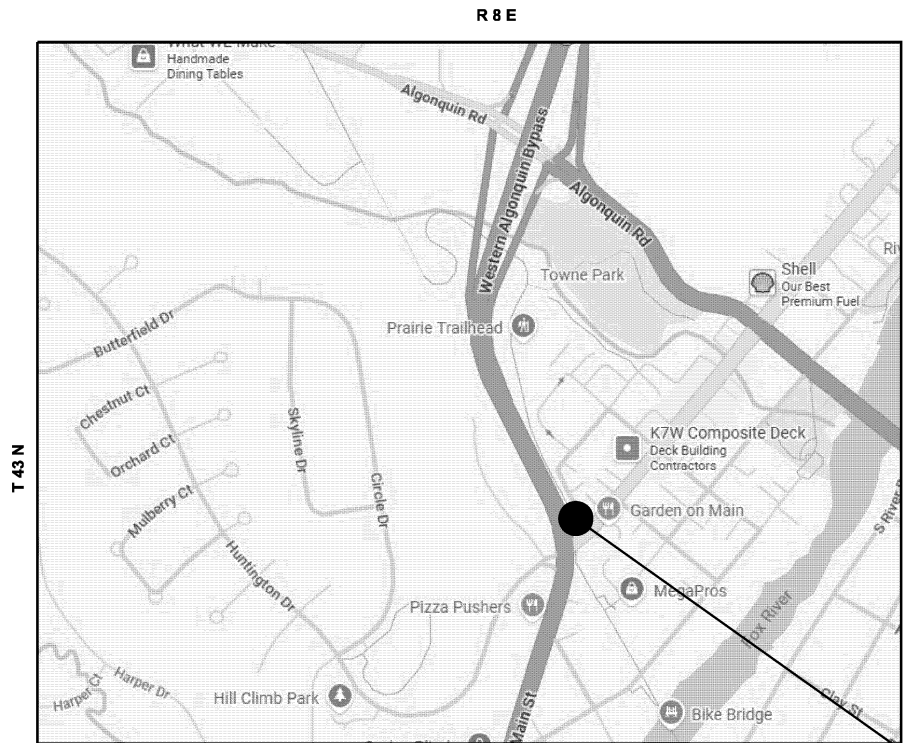
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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



TRAFFIC DATA

IL-31
2025 ADT = 18900
SPEED LIMIT = 40 MPH



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

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.)

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.07

NOTE

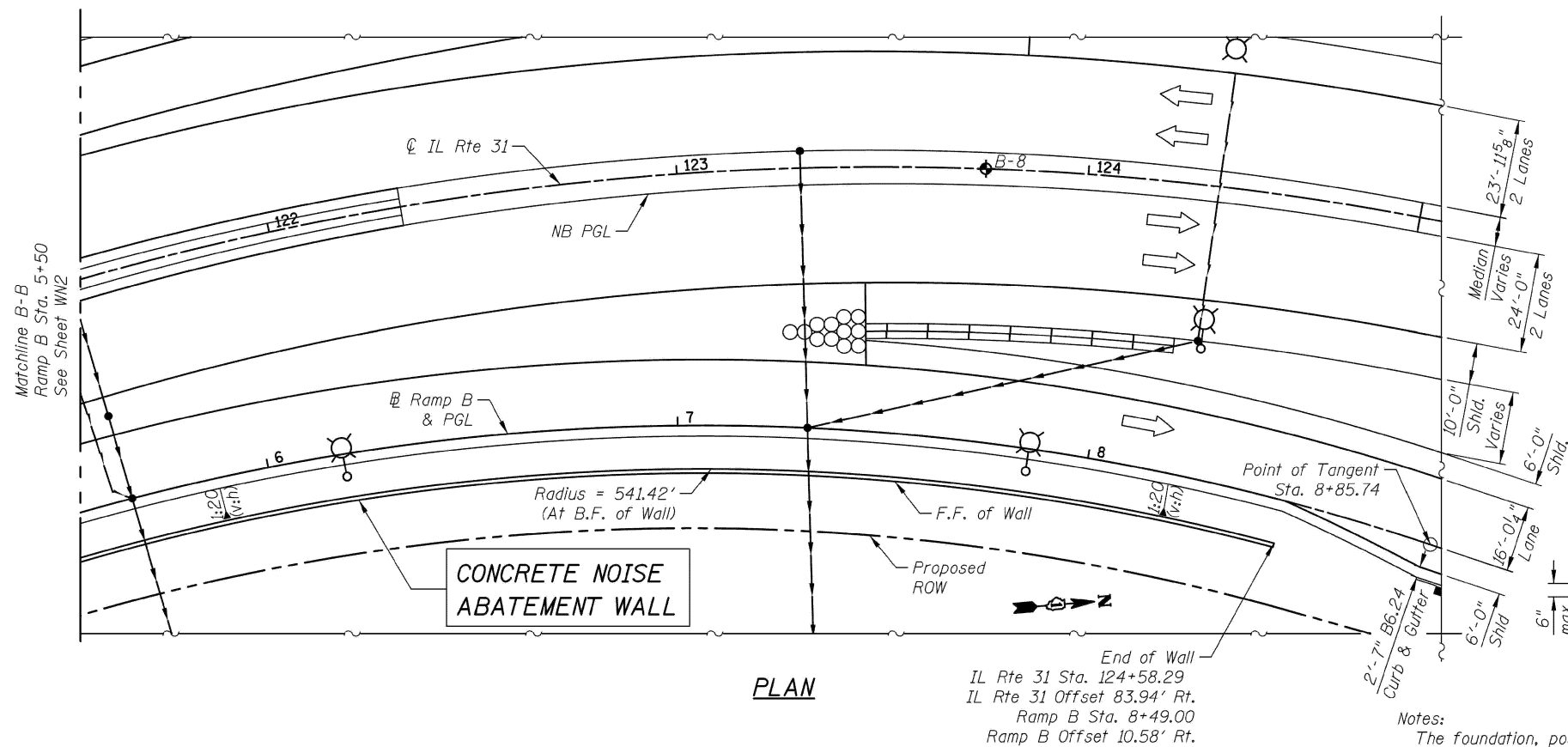
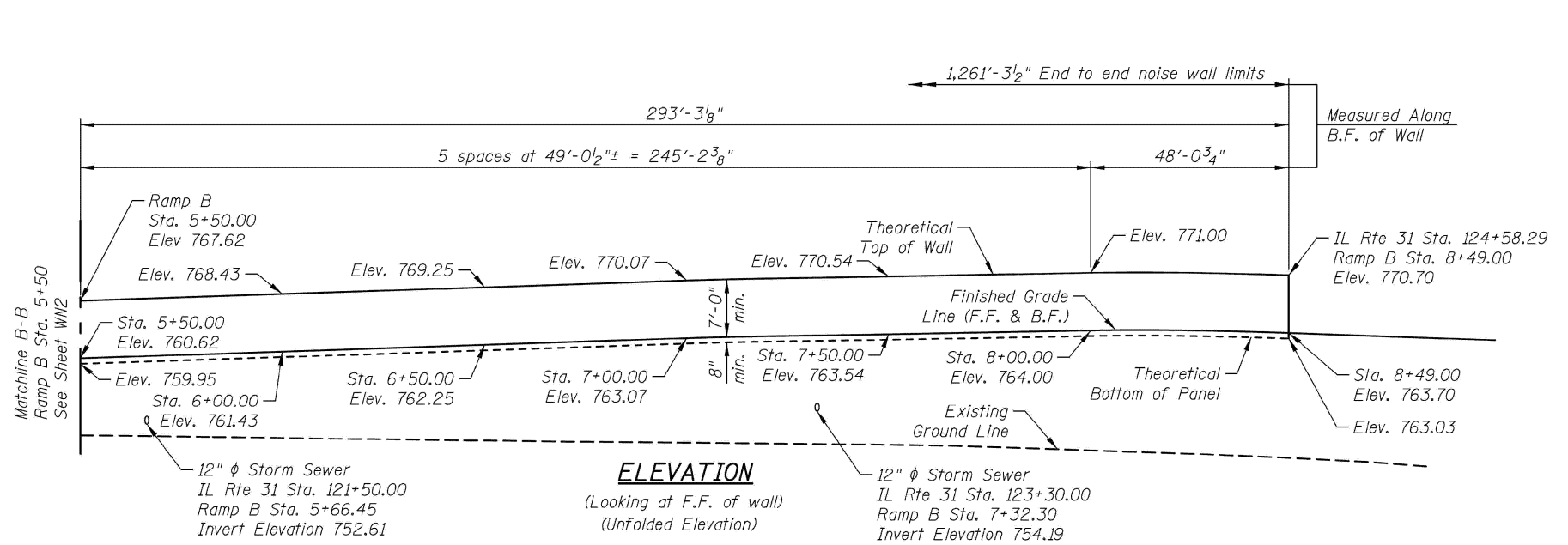
REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS
IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 32 (Sheet)
FILE NAME: c:\p\work\hassan\md1210119D100526-shh-plan2.dgn

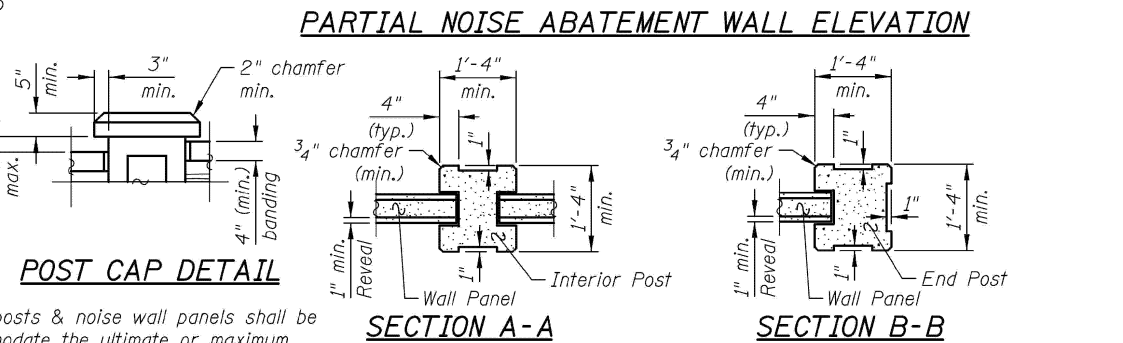
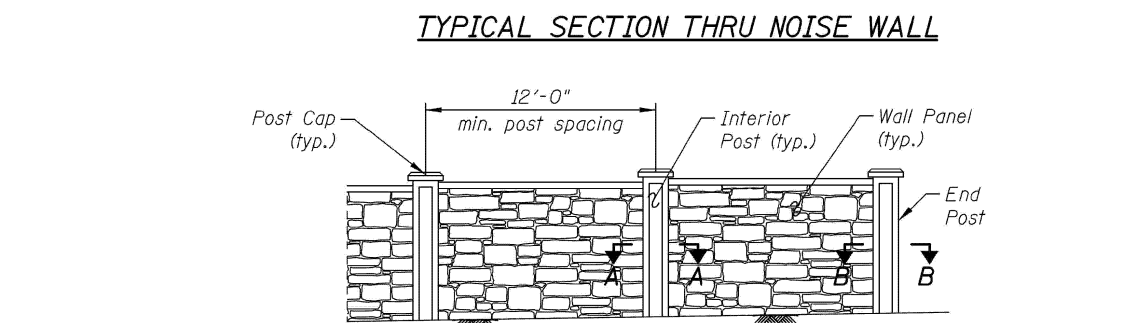
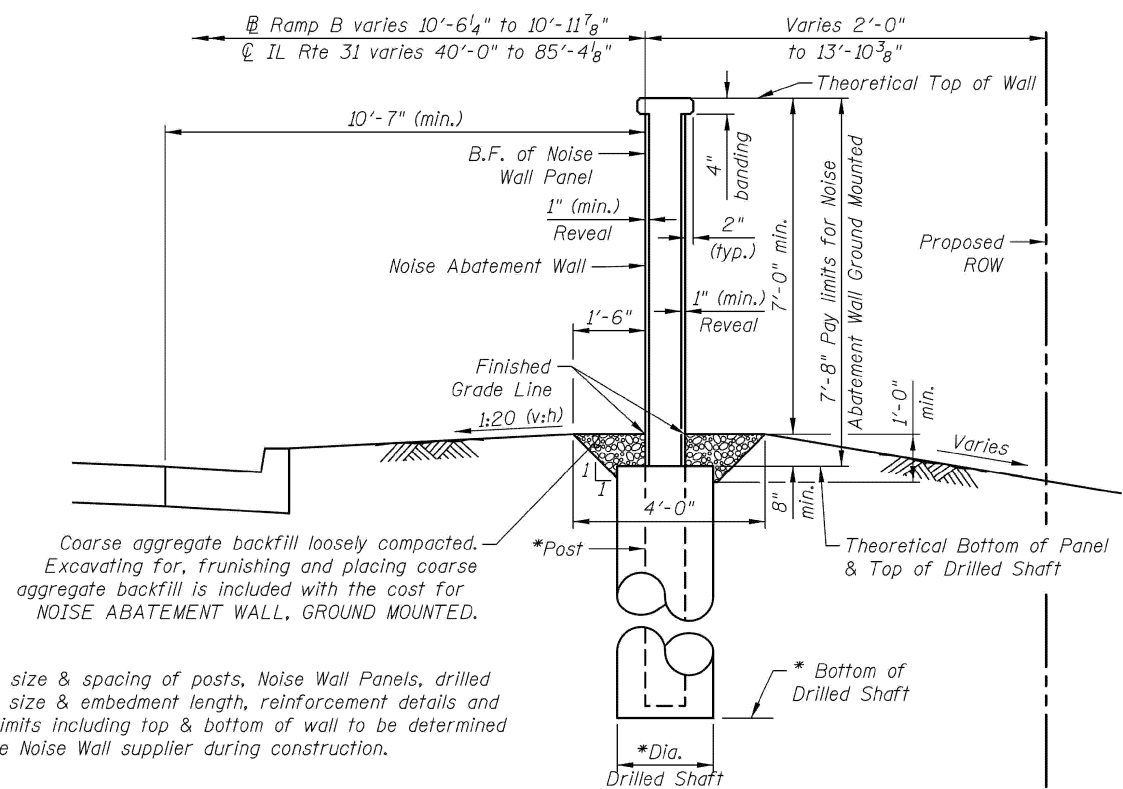
	USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 29 IL-31 ABOUT 0.40 MILES SOUTH OF IL-62 (ALGONQUIN RD.)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR	2025-2020-I	VARIOUS	52	42
		CHECKED -	REVISED -					CONTRACT NO. 80B42				
	PLOT DATE = 5/15/2026	DATE -	REVISED -		SCALE:	SHEET 34	OF 39 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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

MODEL: Location 32 Detail [Sheet]
FILE NAME: c:\pwworking\hassanmd1210119D\100526-sh-plan2.dgn



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



**GENERAL PLAN & ELEVATION III
CONCRETE NOISE ABATEMENT WALL**

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

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

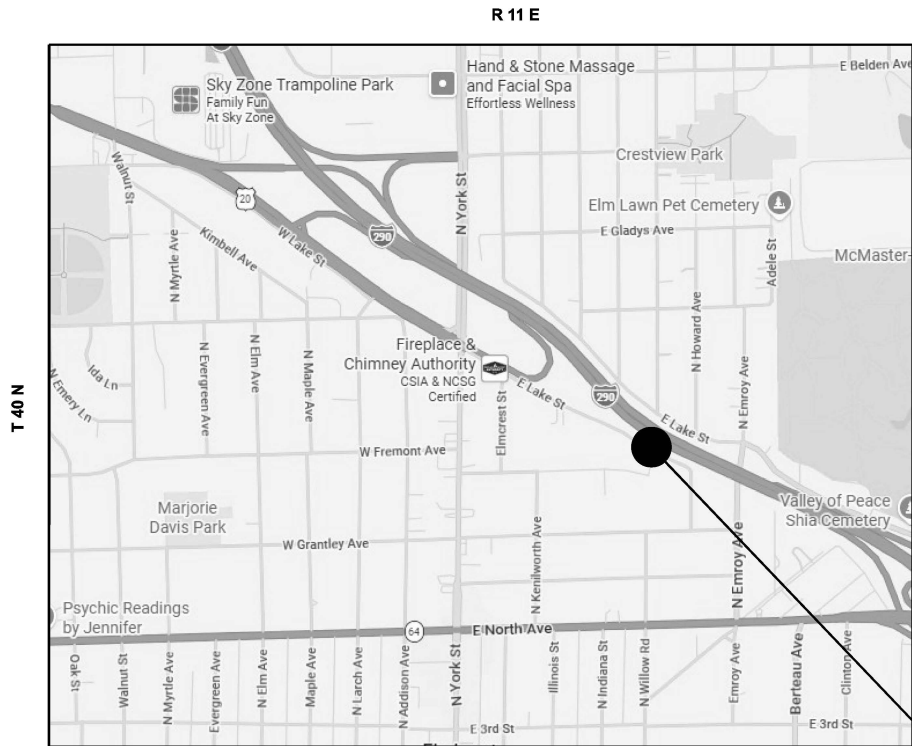
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 35 OF 39 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	43
CONTRACT NO. 80B42				

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



TRAFFIC DATA

I-290
2025 ADT = 147600
SPEED LIMIT = 55 MPH

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

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

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.07

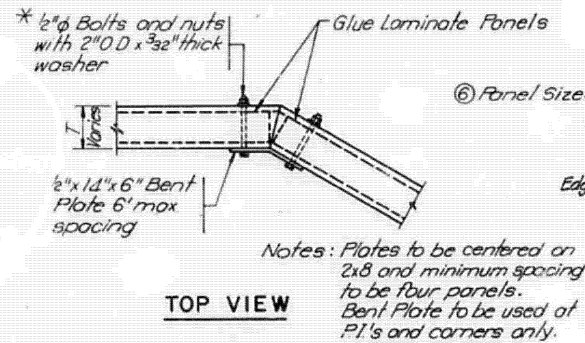
NOTE

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

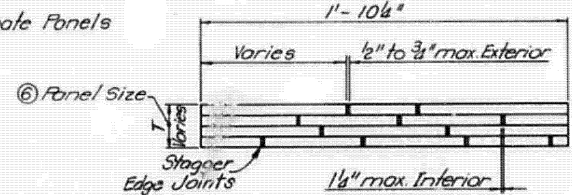
MODEL: Location 33 [Sheet]
FILE NAME: c:\pw_work\paw\hassan\md12\0119\00526-shh-plan2.dgn

	USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 30 I-290 EB ABOUT 0.15 MILES EAST OF EMROY AVE.	SCALE:	SHEET 36 OF 39 SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							VAR	2025-2020-I	VARIOUS	52	44
		CHECKED -	REVISED -							CONTRACT NO. 80B42				
	PLOT DATE = 5/15/2026	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				

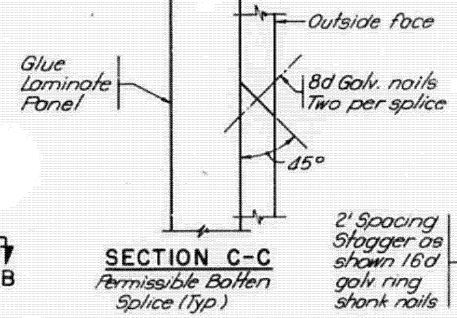
* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL



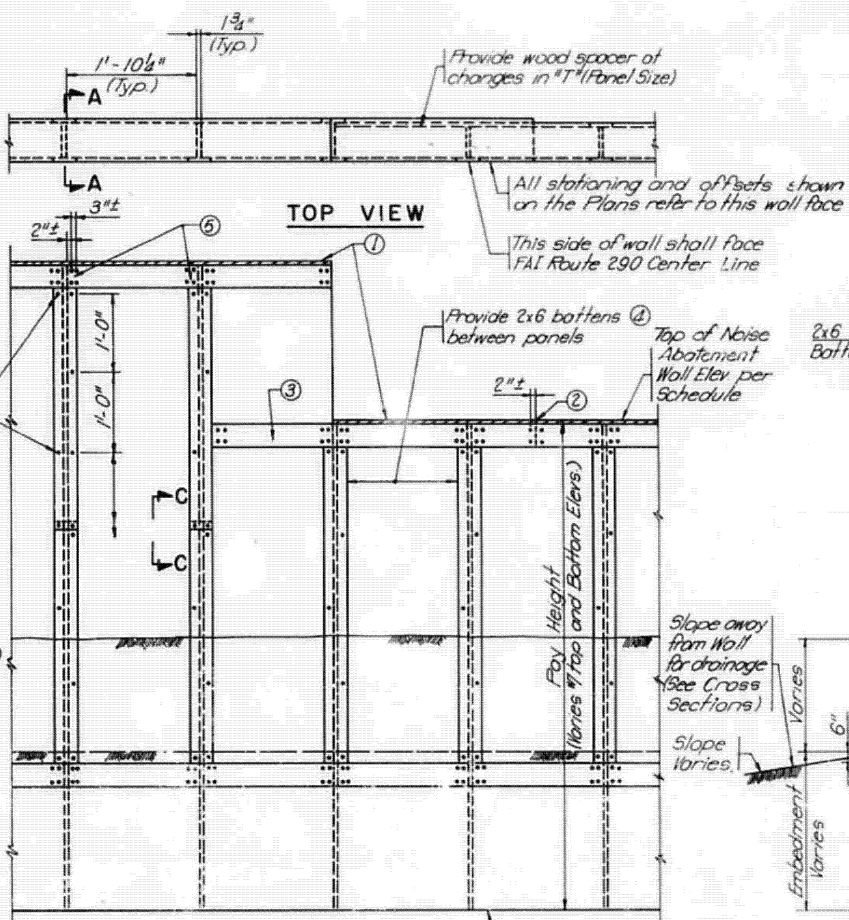
BENT PLATE DETAIL



PANEL DETAIL



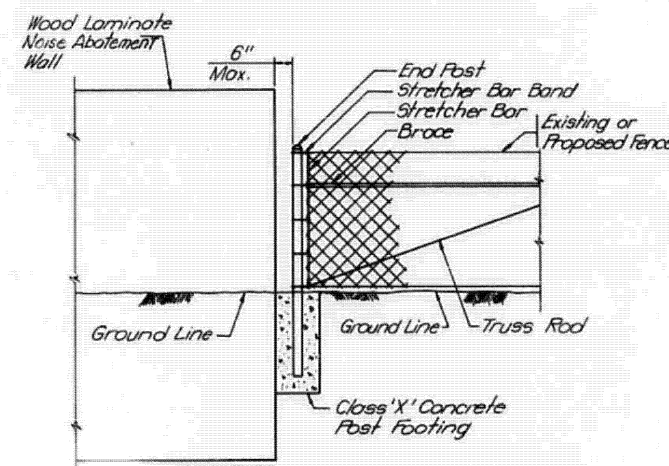
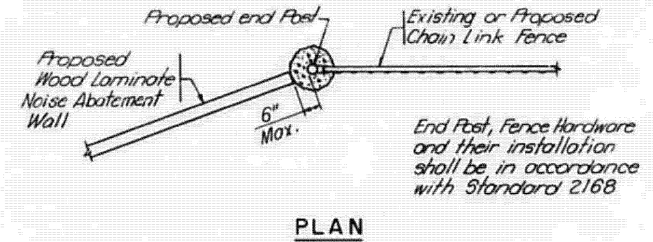
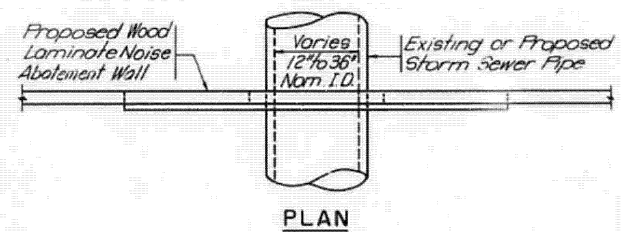
- 1" nom. cap board to cover top of panel. Fasten to 2x8's with four 8d galv nails per panel. Incidental to wall construction.
- Minimum distance between opposite splices in top plates is to be 4 ft and approx. centered on panel. Four 16d galv ring shank nails per splice (Typ).
- Overlay 2x8 top plate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



WALL DETAIL

SECTION A-A
With Earth Fill

SECTION A-A
Without Earth Fill



TRANSITION TO A/C FENCE

MODEL: Location 33 Detail [Sheet]
FILE NAME: c:\p\work\loc33\hassan\1210119D100526-shr-plan2.dgn

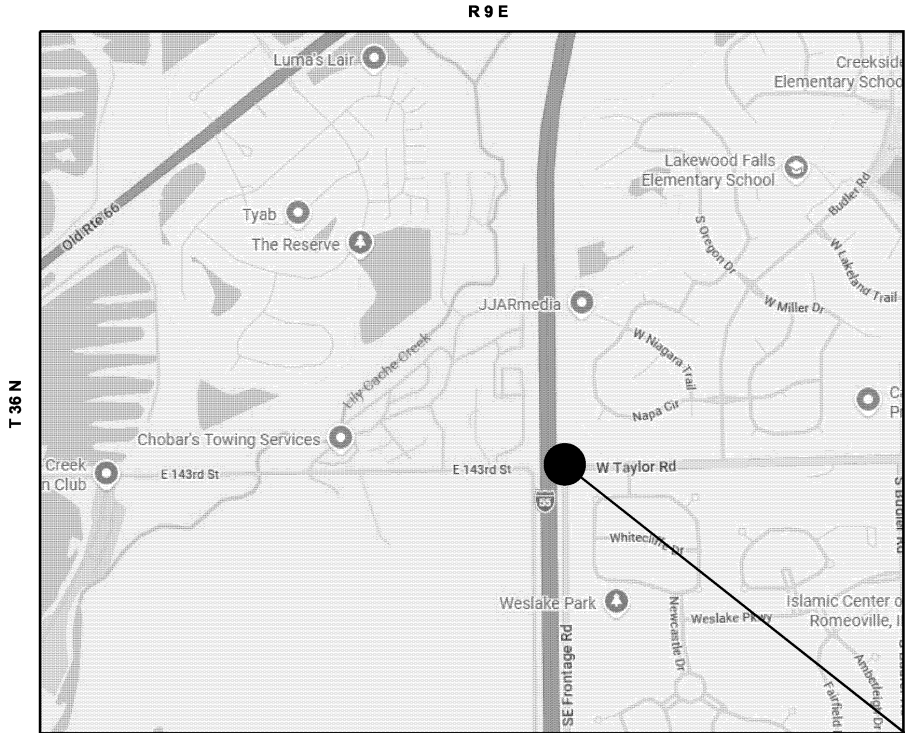
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 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	2025-2020-1	VARIOUS	52	45
CONTRACT NO. 80B42				

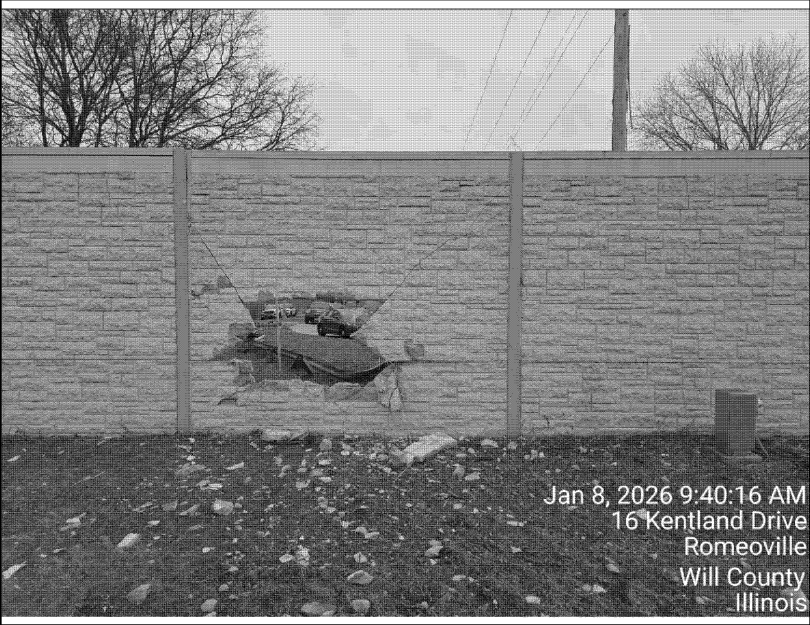
ILLINOIS FED. AID PROJECT
* COOK, DUPAGE, KANE, MCHEENRY, LAKE, WILL



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

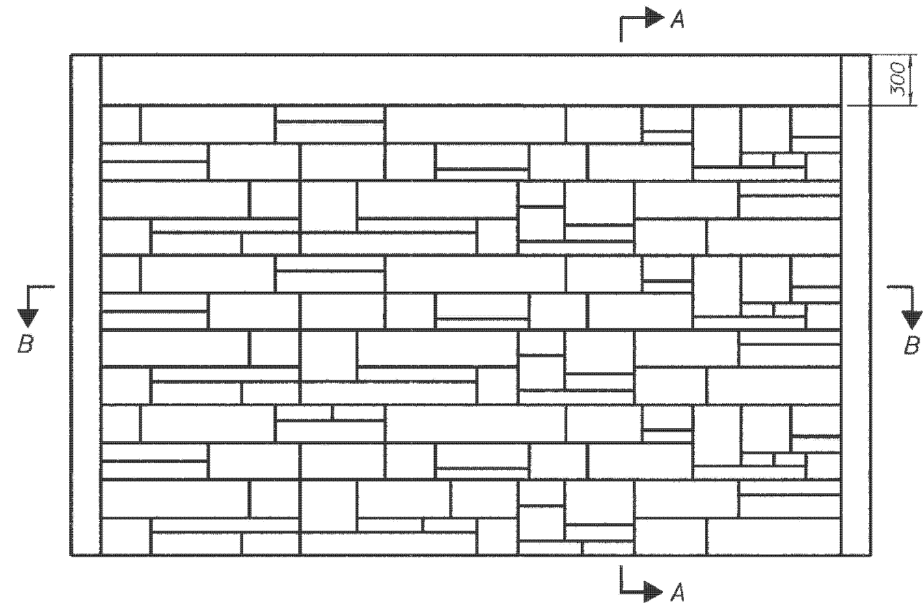
ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.07

NOTE

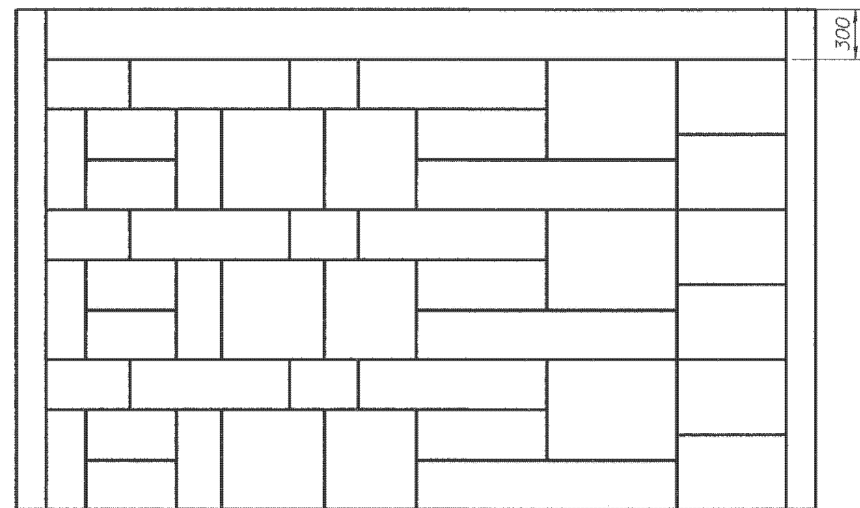
REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS
IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

MODEL: Location 34 (Sheet)
FILE NAME: c:\p\work\will\hassan\md1210119D100526-shh-plan2.dgn

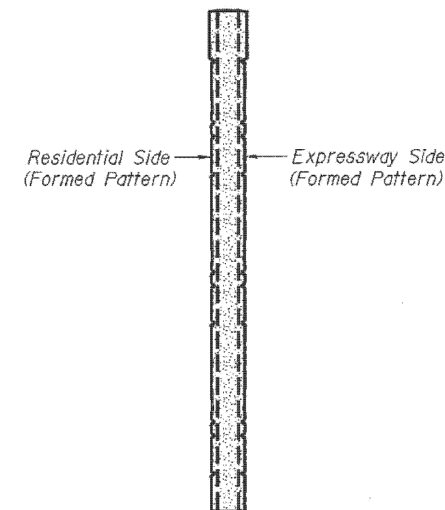
	USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 31 I-55 NB AT W. TAYLOR RD.			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR	2025-2020-I	VARIOUS	52	46
		CHECKED -	REVISED -					CONTRACT NO. 80B42				
	PLOT DATE = 5/15/2026	DATE -	REVISED -					ILLINOIS FED. AID PROJECT * COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				
SCALE:		SHEET 38	OF 39	SHEETS	STA.	TO STA.						



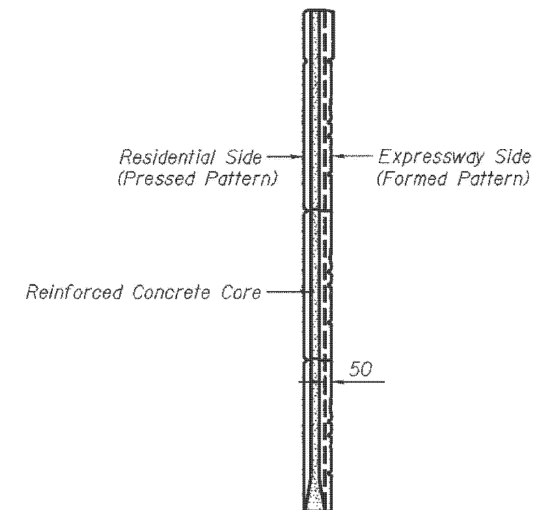
FORMED ASHLAR STONE PATTERN
(Absorptive Panel - Expressway Side only)
(Precast Panel - Expressway & Residential Sides)



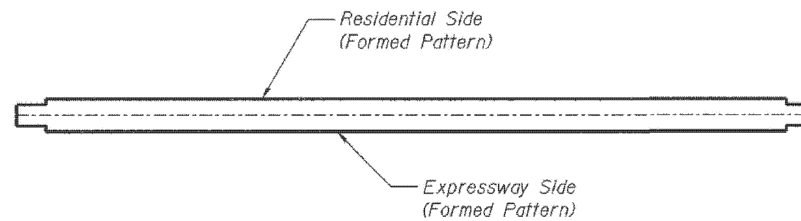
PRESSED ASHLAR STONE PATTERN
(Absorptive Panel - Residential Side only)



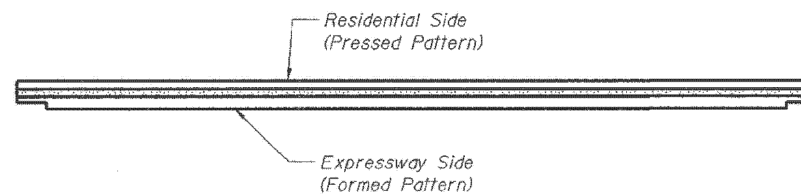
SECTION A-A THRU PRECAST PANEL



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 34 Detail [Sheet]
FILE NAME: c:\p\work\dot\hassan\md12\0119D\00526-sh-1-plan2.dgn

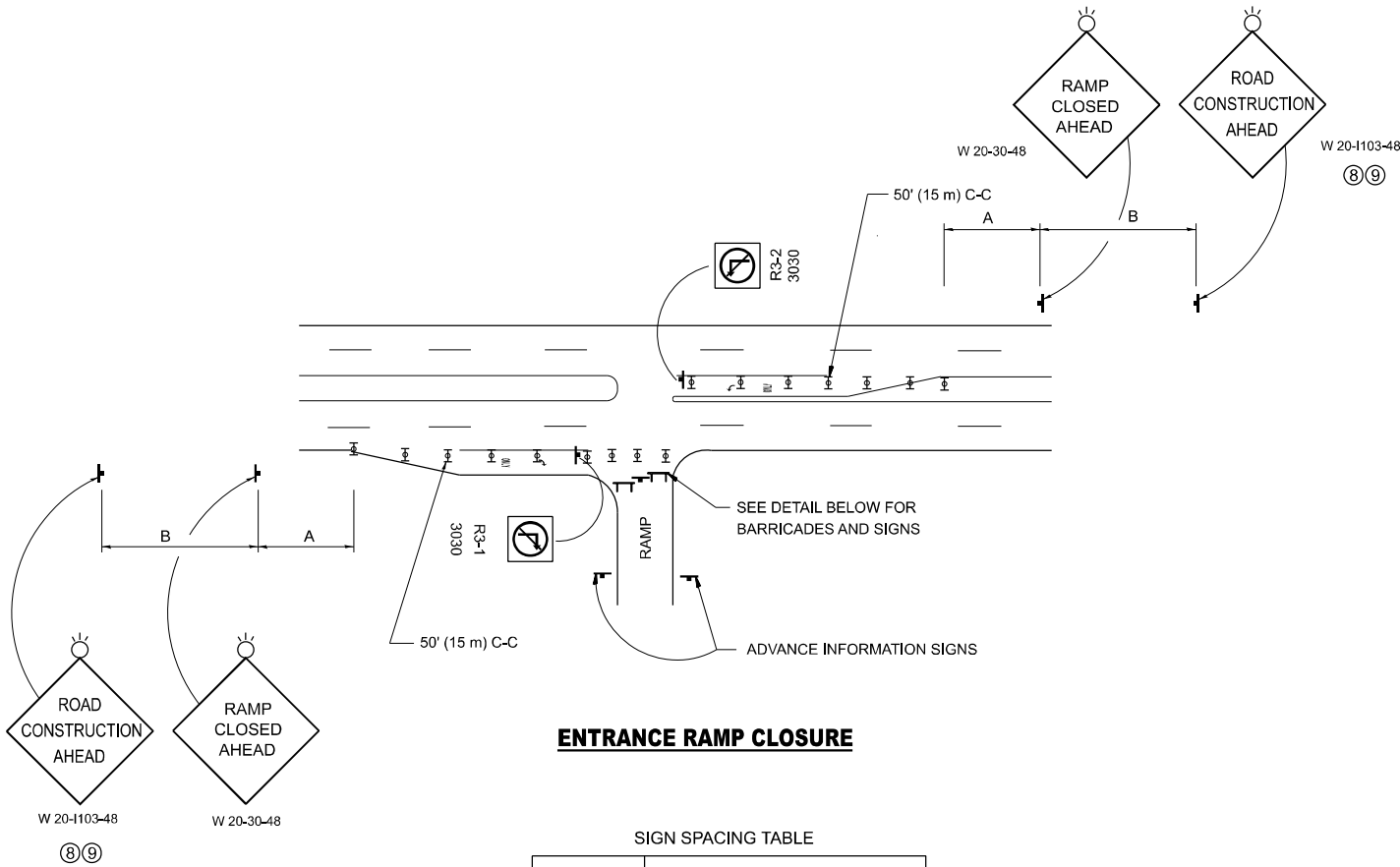
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/15/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

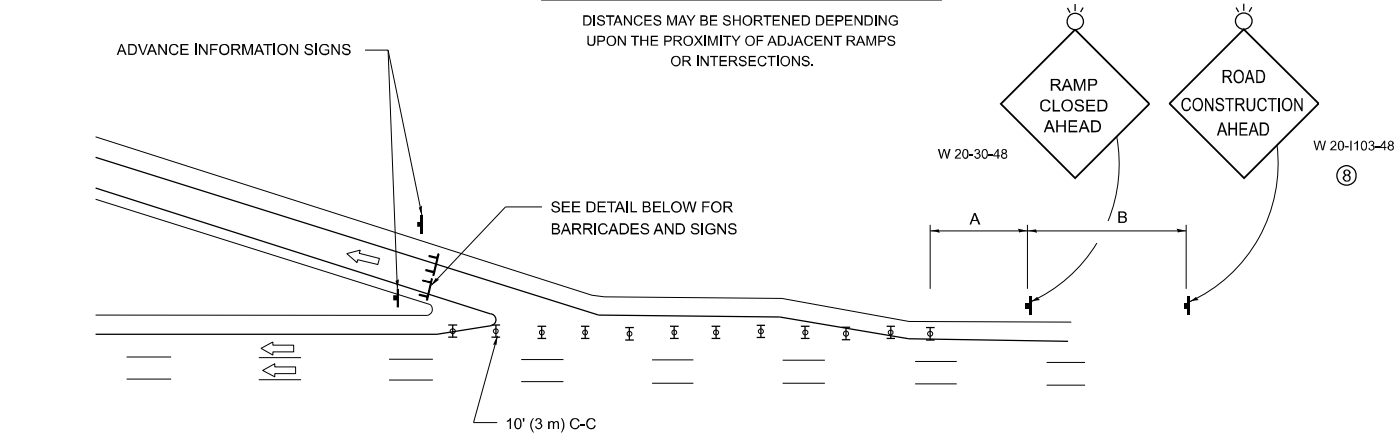
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	47
CONTRACT NO. 80B42				
ILLINOIS FED. AID PROJECT				
* COOK, DUPAGE, KANE, MCHEENRY, LAKE, WILL				



ENTRANCE RAMP CLOSURE

FACILITY	SIGN SPACING TABLE	
	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)

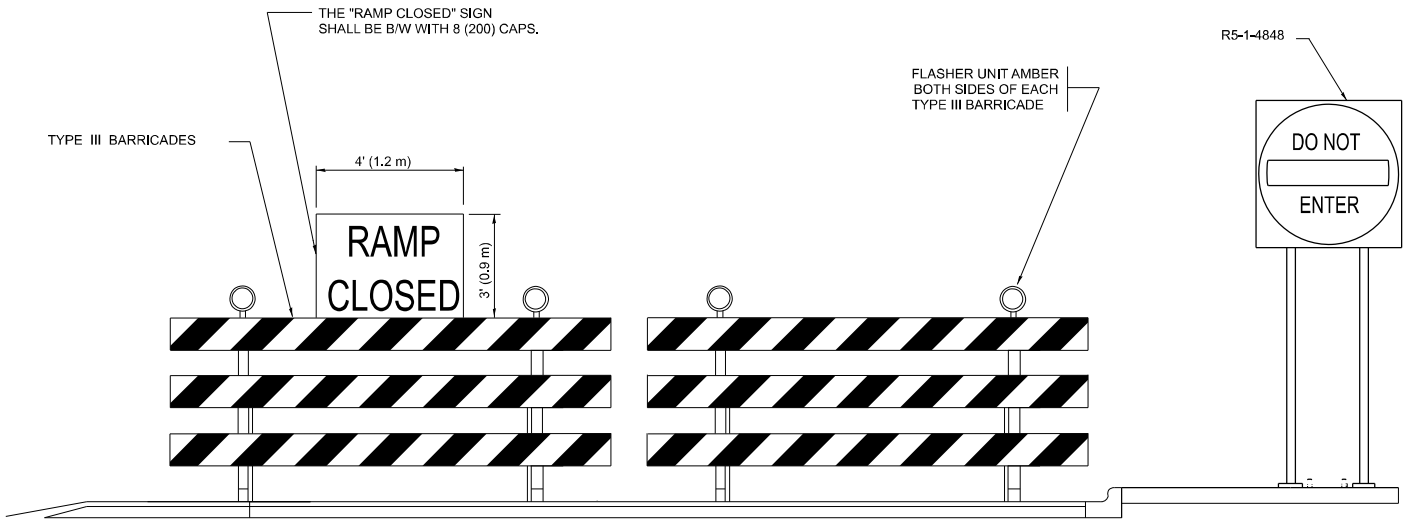
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

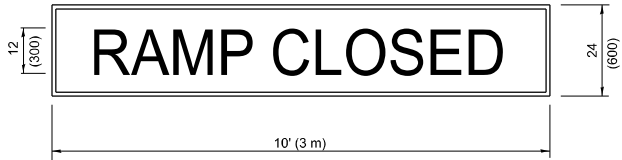
SYMBOLS

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



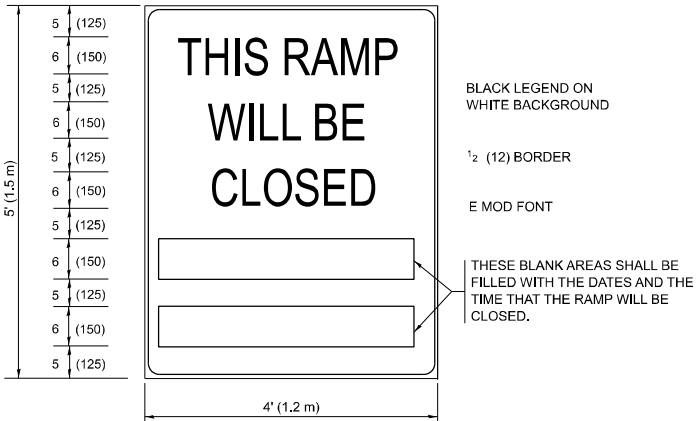
DETAIL FOR REQUIRED BARRICADES & SIGNS

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.



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.

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

GENERAL NOTES:

- CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- 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.
- THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- 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.
- 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.
- 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.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

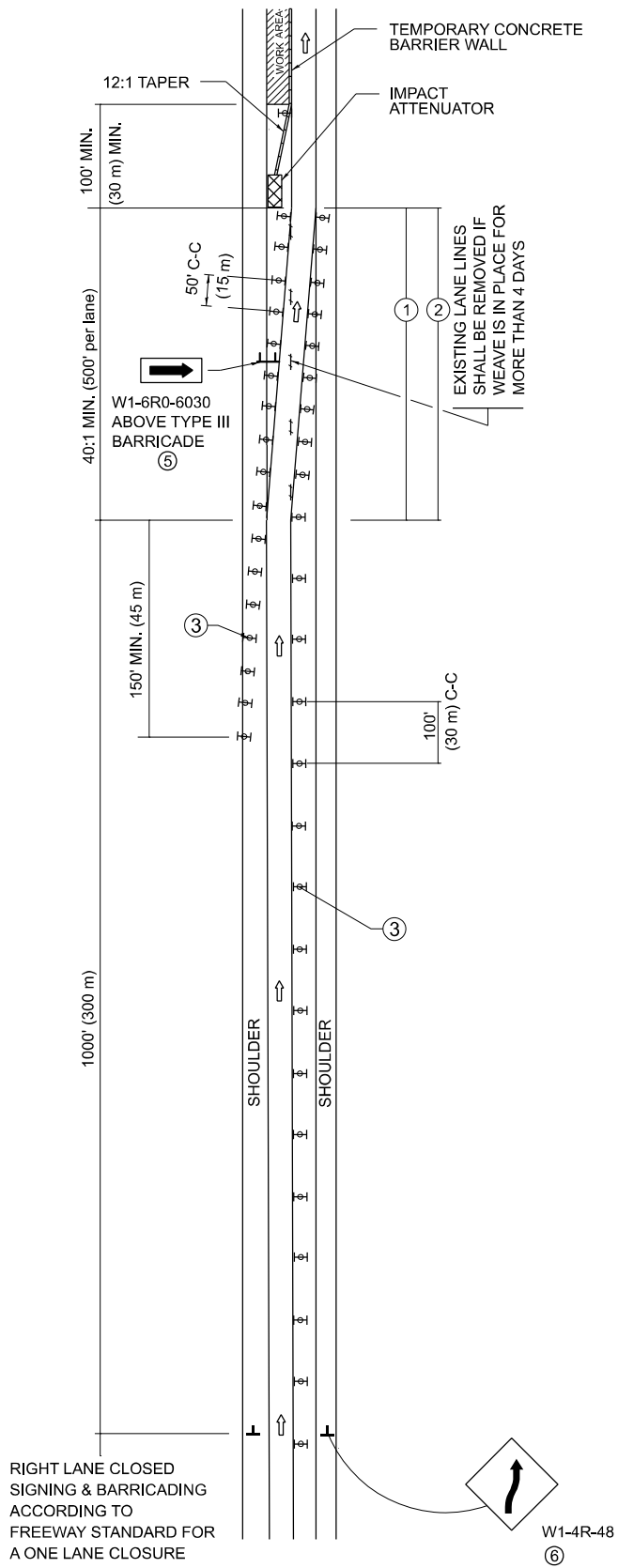
ENTRANCE AND EXIT_RAMP
CLOSURE DETAILS

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

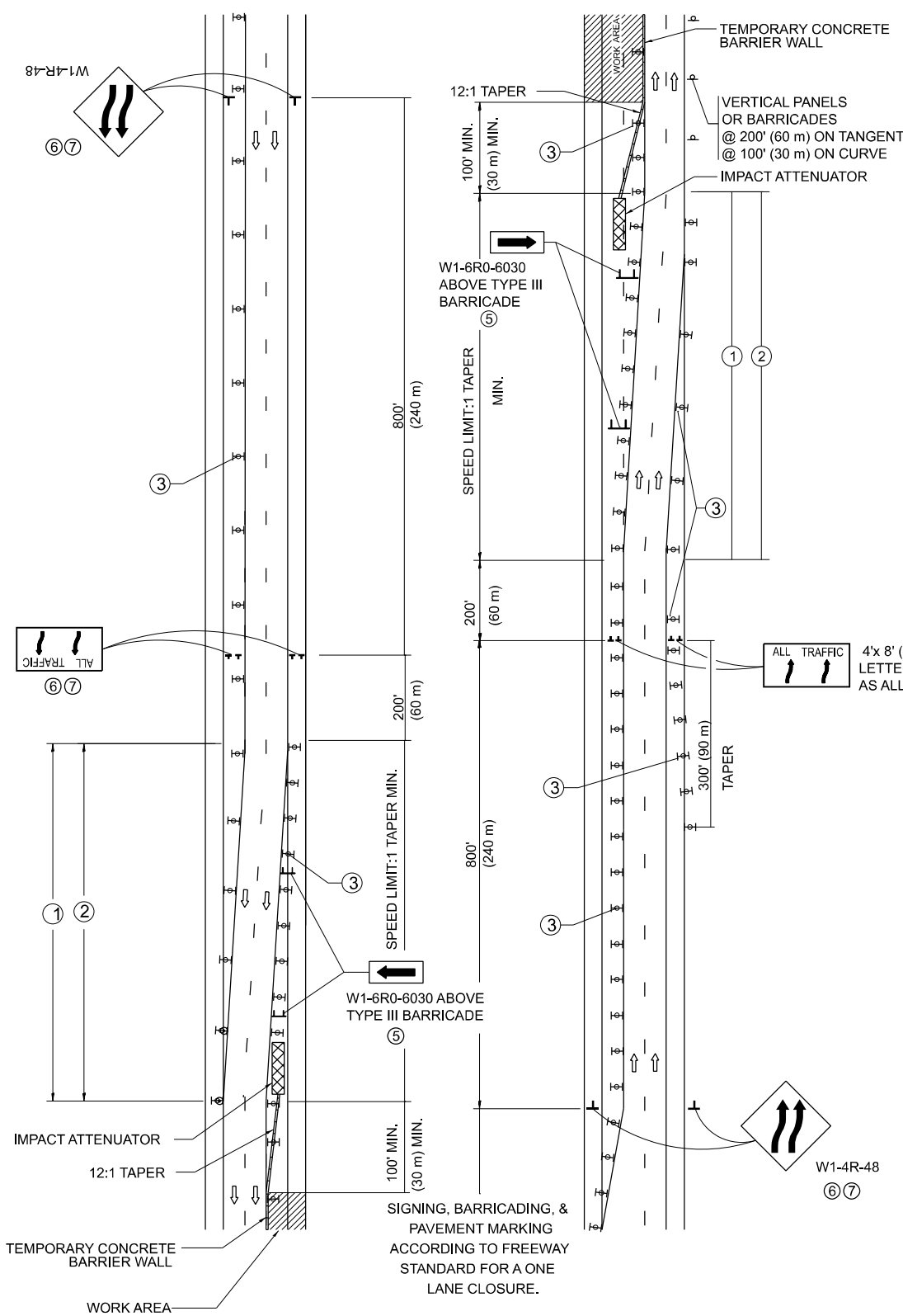
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	48
TC-08		CONTRACT NO. 80B42		

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

SINGLE LANE WEAVE



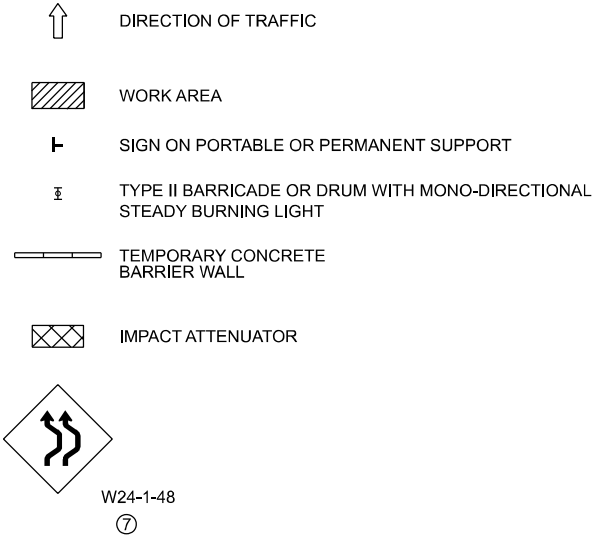
MULTI-LANE WEAVE



GENERAL NOTES:

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

MODEL: TC-09 [Sheet]
FILE NAME: c:\p\work\p\work\hassan\md1210119\100526-shh-Die\Stds.dgn

	USER NAME	= naveed,hassan	DESIGNED	- D.W.S.	REVISED	- J.A.F. 02-08
	DRAWN	-	REVIS	- S.P.B. 01-07		
	CHECKED	-	REVIS	- S.P.B. 12-09		
	PLOT DATE	= 5/15/2026	DATE	- 02-87	REVISED	- M.D. 06-13

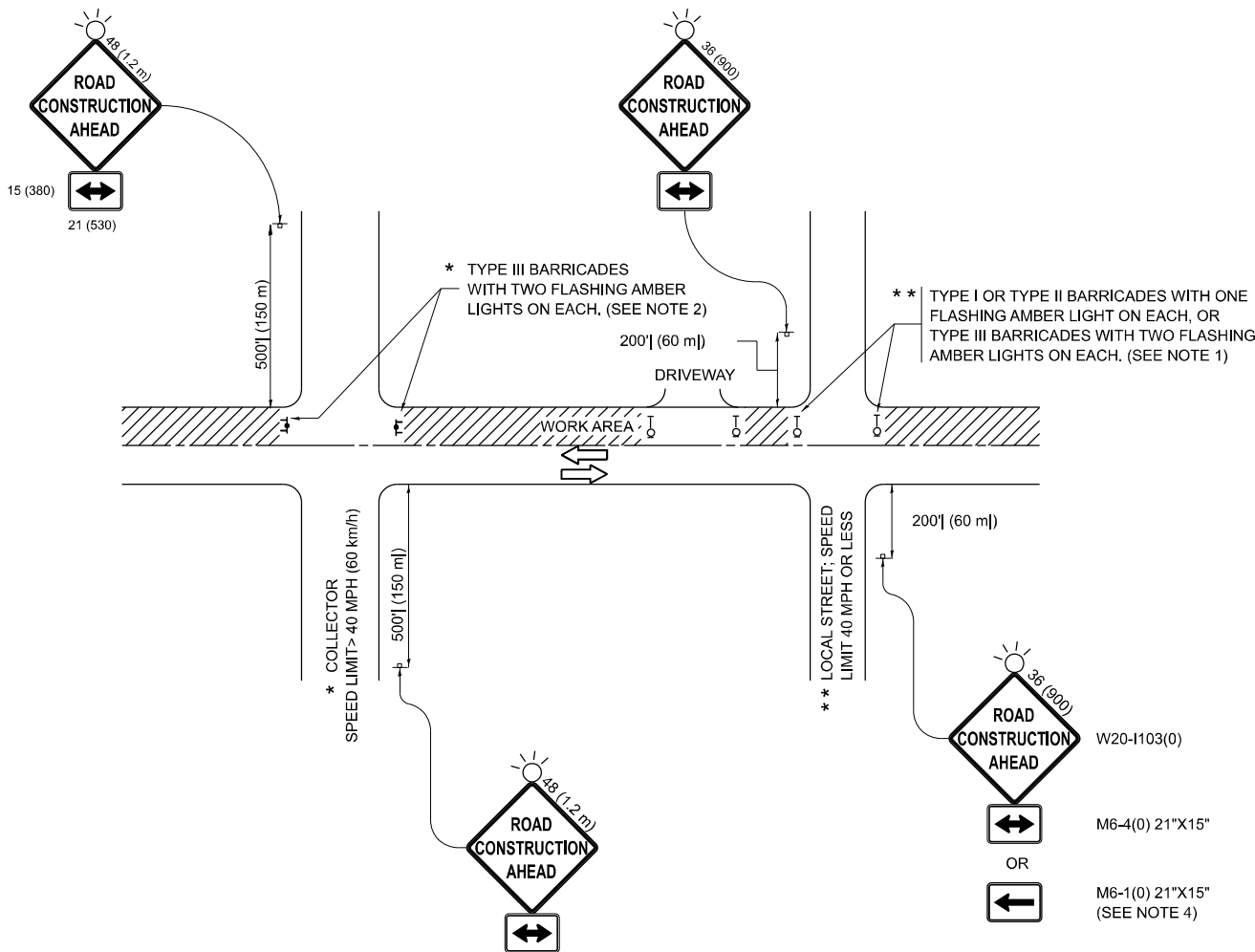
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR
FREEWAY SINGLE & MULTI-LANE WEAVE

SCALE: NONE SHEET 21 OF 52 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-2020-I	VARIOUS	52	49
TC-09		CONTRACT NO. 80B42		
ILLINOIS		FED. AID PROJECT		

MODEL: TC-10 (Sheet)
FILE NAME: c:\p\work\pwtol\hassan\md1210119\ID100526-shh-DieShts.dgn



NOTES:

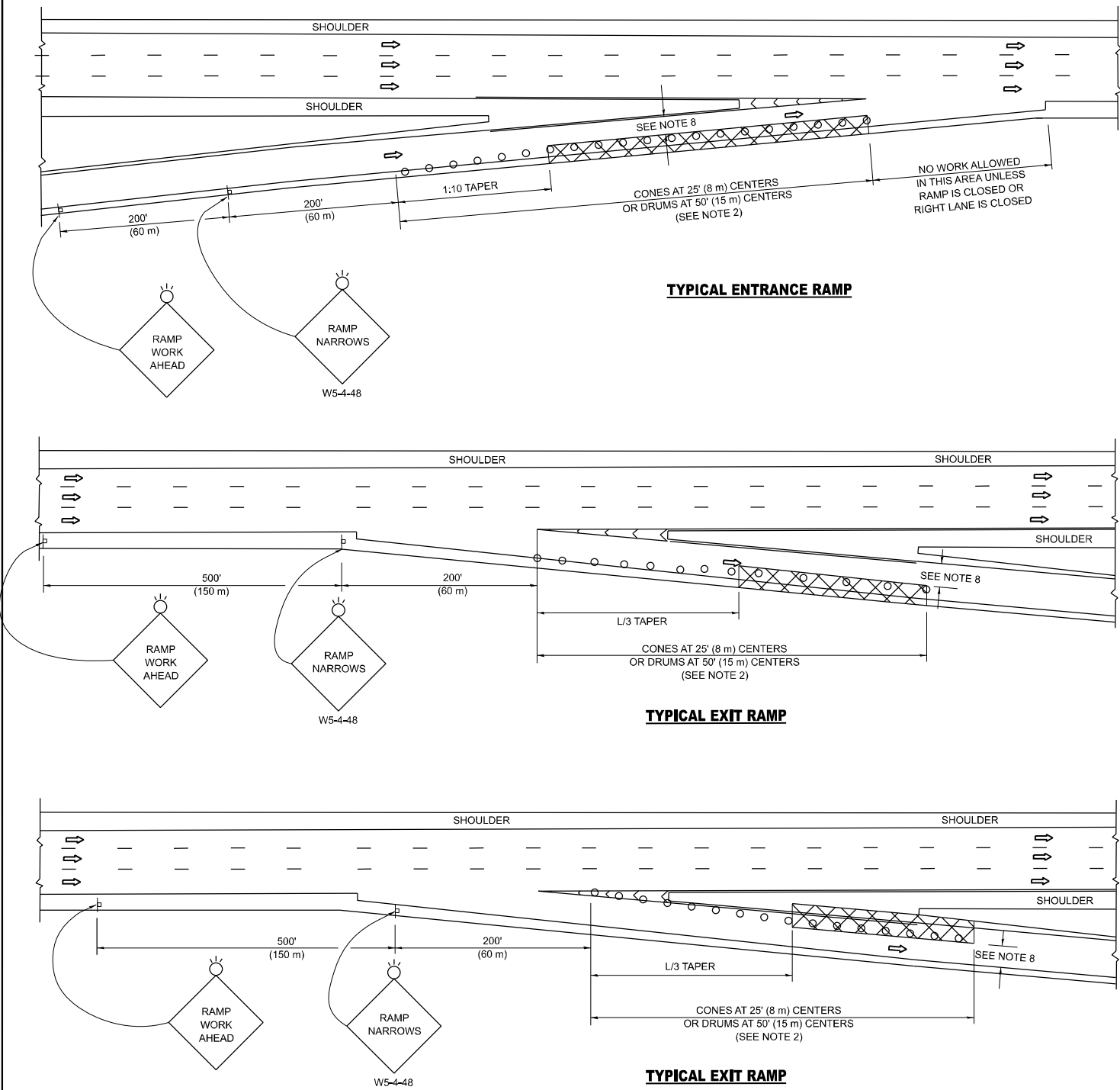
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

	USER NAME = naveed,hassan	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	SCALE:	SHEET 3	OF 52	SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - A. SCHUETZE 07-01-13									VAR	2025-2020-I	VARIOUS	52	50
		CHECKED -	REVISED - A. SCHUETZE 09-15-06									TC-10		CONTRACT NO. 80B42		
	PLOT DATE = 5/15/2026	DATE - 06-89	REVISED - D. SENDERAK 05-03-25									ILLINOIS FED. AID PROJECT				

* COOK, DUPAGE, KANE, MCHEMRY, LAKE, WILL

PARTIAL RAMP CLOSURE DETAILS



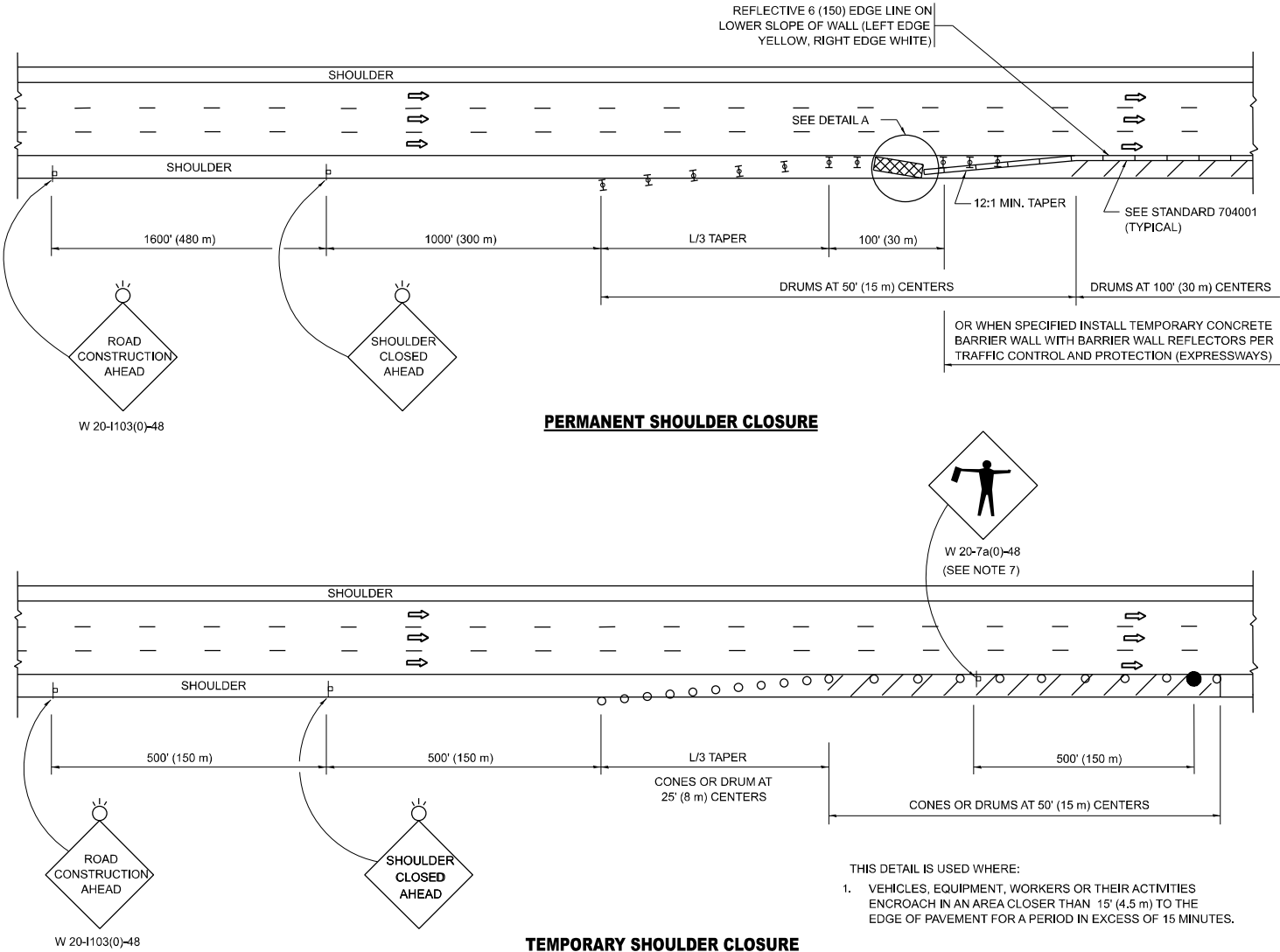
SYMBOLS

- 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:
SPEED LIMIT FORMULAS
45 mph (80 km/h) METRIC ENGLISH
OR GREATER: $L=0.65(W)(S)$ $L=(W)(S)$
W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (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.

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350/MASH COMPLIANT.

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:
a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
b. 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 RAMP CLOSURES ARE ALLOWED WEEKDAYS BETWEEN 9:00 A.M. AND 3:00 P.M. AND BETWEEN 7:00 P.M. AND 5:00 A.M. OR AS APPROVED BY THE EXPRESSWAY TRAFFIC OPERATIONS ENGINEER. PERMANENT SHOULDER AND PARTIAL RAMP CLOSURES WILL ONLY BE PERMITTED IF CALLED FOR IN THE PLANS OR AS APPROVED BY THE EXPRESSWAY OPERATIONS ENGINEER.

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

MODEL: TC-17 [Sheet]
FILE NAME: c:\p\work\hassan\md1210119D-100526-shd-DieStks.dgn

	USER NAME	= naveed,hassan	DESIGNED	-	M.D. 06-13
	DRAWN	-	D.W.S.		M.D. 01-18
	CHECKED	-			M.D. 10-20
	DATE	-	11-96		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
TC-17		CONTRACT NO. 80B42		
ILLINOIS		FED. AID PROJECT		

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MODEL: TC-22 [Sheet]
FILE NAME: c:\pw_work\pwwork\hassanmd1210119D100526-eh-DistSite.dgn

	USER NAME	= naveed.hassan	DESIGNED	-	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	REVISED	-							VAR	2025-2020-I	VARIOUS	52	52
			CHECKED	-	REVISED	-							CONTRACT NO. 80B42				
	PLOT DATE	= 5/15/2026	DATE	-	REVISED	-							ILLINOIS FED. AID PROJECT				
													* COOK, DUPAGE, KANE, MCHENRY, LAKE, WILL				
SCALE:		SHEET 5		OF 52		SHEETS		STA.		TO STA.							