

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021 223 BW	VARIOUS	52	1
		ILLINOIS	CONTRACT NO. 62R39	

04-29-2022 LETTING ITEM 086

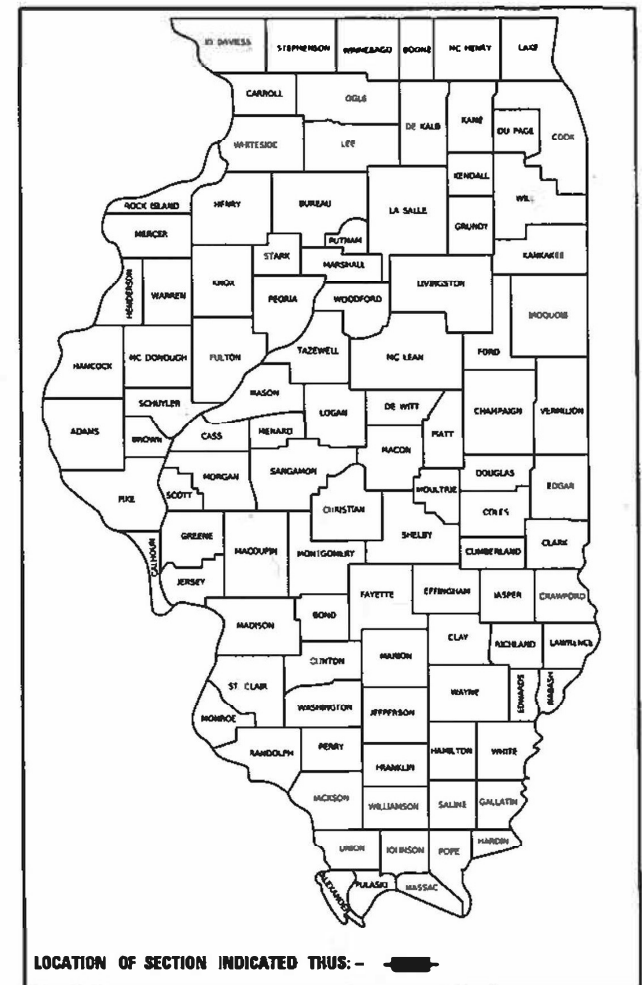
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED  
HIGHWAY PLANS

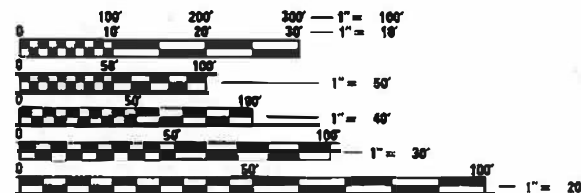
ROUTE VARIOUS  
SECTION: 2021 223 BW  
VARIOUS NOISE WALL/CONCRETE BARRIER WALL/BRIDGE PARAPET REPAIR  
VARIOUS COUNTIES

C-91-151-22

D-91-121-22



LOCATION OF SECTION INDICATED THIS: -



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.

C.U.A.N.  
CHICAGO UTILITY ALERT NETWORK  
1-312-744-7000

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123  
OR 811

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

CONTRACT NO. 62R39

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED FEBRUARY 1 20 22  
Jean Paul Lora REGIONAL ENGINEER  
March 25 20 22  
Stephen M. Lora ENGINEER OF DESIGN AND ENVIRONMENT  
March 2 20 22  
Stephen M. Lora DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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INDEX OF SHEETS

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SHEET NO.	DESCRIPTION
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SHEET NO.	DESCRIPTION
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38	LOCATION 19: NB I-90 AT FOSTER AVE.
39	LOCATION 20: EB I-190 NEAR MANNHEIM RD
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52	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STD NO.	DESCRIPTION
637006-05	CONCRETE BARRIER 42" HEIGHT
701101-05	OFF ROAD OPERATIONS, MULTILANE. 15' to 24" FROM PAVEMENT EDGE
701106-02	OFF ROAD OPERATIONS, MULTILANE. MORE THAN 15 FT AWAY
701400-11	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY / EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEED >45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS >45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS <40 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY / EXPRESSWAY
701446-10	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701801-06	SIDEWALK, CORNER, OR CORSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

	USER NAME = hassann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS STATE STANDARDS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR	2021 223 BW	VARIOUS	52	2
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 62R39				
	PLOT DATE = 2/10/2022	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



### GENERAL NOTES (BRIDGE)

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 A SEVEN DAY MINIMUM 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 DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS 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.

## GENERAL NOTES

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, NORTHLAKE, WAUKEGAN, & ZION, AND THE VILLAGES OF LANSING, HILLSIDE, WILLOWBROOK, HINSDALE, VILLAPARK, ADDISON, & ELK GROVE.

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 THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT: KALPANA.KANNAN-HOSADURGO@ILLINOIS.GOV (FOR ARTERIALS) AND (847)705-4151 (FOR EXPRESSWAYS) A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

18. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE.

19. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

20. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

21. THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT "WWW.IDOTLCS.COM" TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.

22. FOR LOCATION 16: BEFORE ANY PROPOSED WORK COMMENCES THE CONTRACTOR SHALL CONTACT STATE ELECTRICAL MAINTENANCE CONTRACTOR MEADE ELECTRICAL COMPANY AT (773) 287-7672 TO COORDINATE THE EXISTING ELECTRICAL CONDUIT IN WALL. THE CONTRACTOR SHALL GIVE MEADE ELECTRICAL COMPANY AT LEAST 24-HOUR NOTICE BEFORE ANY WORK STARTS.

	USER NAME = hassam	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR.	2021 223 BW	VARIOUS	52	3
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO.							
	PLOT DATE = 2/10/2022	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.					

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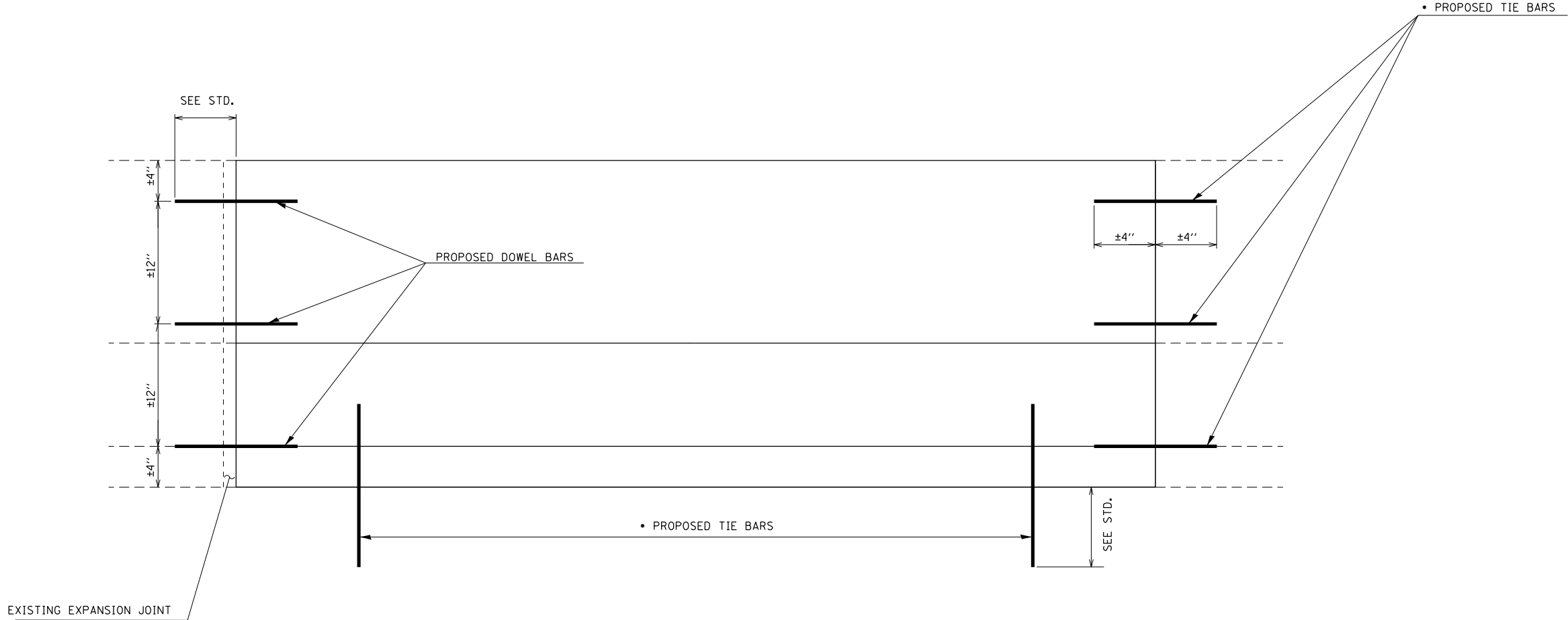
SUMMARY OF QUANTITIES				URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0013					
CODE NO	ITEM	UNIT	100% STATE 0013							
20200100	EARTH EXCAVATION	CU YD	14	14						
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	8							
25000210	SEEDING, CLASS 2A	ACRE	0.01	0.01						
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	45	45						
44213200	SAW CUTS	FOOT	120	120						
44213202	TIE BARS 1"	EACH	179	179						
50102400	CONCRETE REMOVAL	CU YD	31	31						
50300225	CONCRETE STRUCTURES	CU YD	28	28						
50300255	CONCRETE SUPERSTRUCTURE	CU YD	3	3						
50300300	PROTECTIVE COAT	SO YD	197	197						
50606710	CLEANING AND PAINTING STRUCTURAL STEEL, LOCATION 10	L SUM	1	1						
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	565	565						
50800530	MECHANICAL SPLICERS	EACH	56	56						
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	6	6						
66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1						
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1						

SUMMARY OF QUANTITIES				URBAN TOTAL QUANTITIES	100% STATE 0013	CONSTRUCTION TYPE CODE 0013					
CODE NO	ITEM	UNIT									
*66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION	L SUM	1	1							
	REPORT										
*66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2	2							
67100100	MOBILIZATION	L SUM	1	1							
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1							
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1							
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1							
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1							
X0323902	CTA FENCE	FOOT	130	130							
X0326791	NOISE ABATEMENT WALL REPAIRS	L SUM	1	1							
X0327890	DRIVEWAY REMOVAL AND REPLACEMENT	SO YD	14	14							
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12							
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1							
Z0007122	REMOVING AND RE-ERECTING EXISTING	FOOT	42	42							
	RAILING										

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	USER NAME = hassann		DESIGNED -		REVISED -			
			DRAWN -		REVISED -			
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	PLOT DATE = 2/10/2022		DATE -		REVISED -			
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			VAR	2021 223 BW		VARIOUS	52	4
					CONTRACT NO. 62R39			
SCALE: NONE			SHEET	OF	SHEETS	STA.	TO STA.	
					ILLINOIS   FED. AID PROJECT			

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FULL DEPTH REPAIR

NOTE:

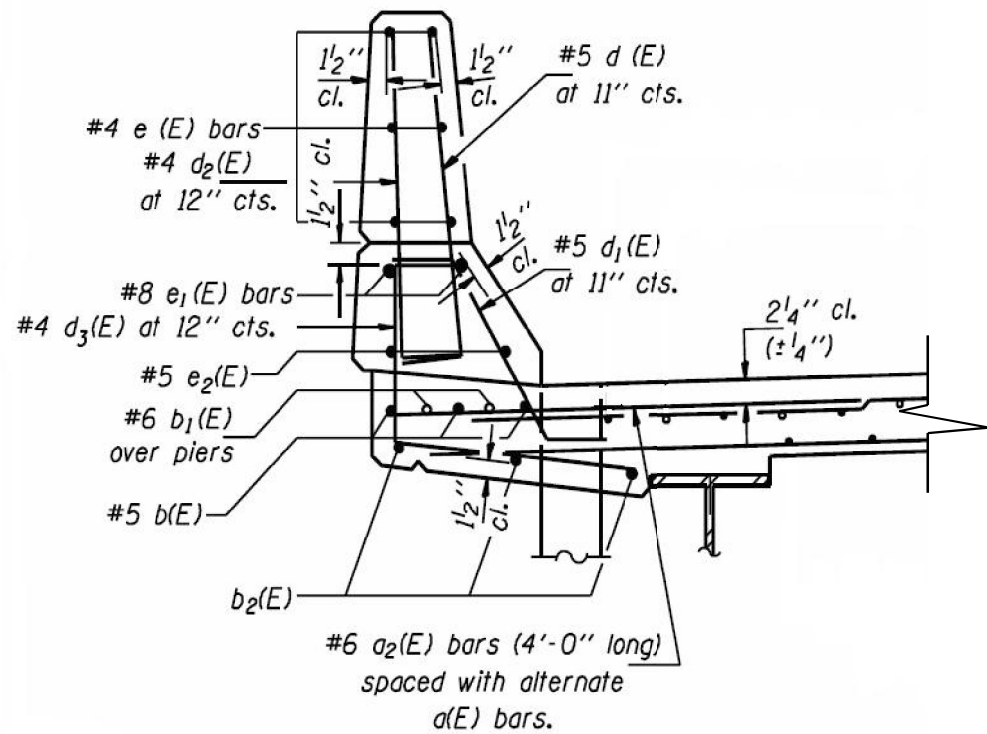
ALL BARRIER WALL REPAIR SHALL BE COMPLETED IN ACCORDANCE WITH STATE STANDARDS 637001 AND 637006 AND SECTION 637 OF THE STANDARD SPECIFICATIONS AND AS SHOWN ON THE PLANS. ALL PROPOSED DOWEL BARS AND TIE BARS SHALL BE DRILLED AND GROUTED IN PLACE. REINFORCEMENT SHALL BE INCLUDED AS SHOWN IN STANDARD 637006 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.

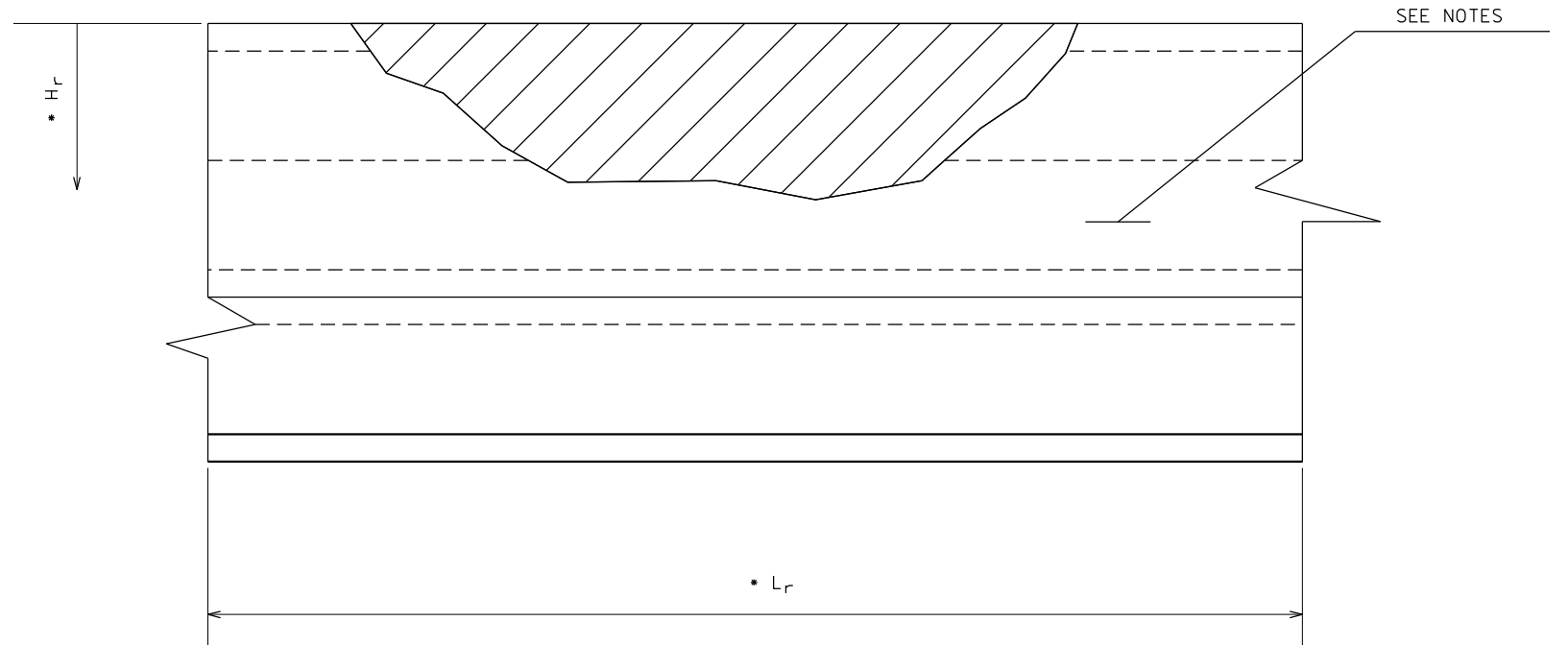
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	USER NAME = hassann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL REPAIR FOR FULL DEPTH (BARRIER WALL)		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				VAR	2021 223 BW	VARIOUS	52	7
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	PLOT DATE = 2/10/2022	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					





**SECTION THRU PARAPET**



**FRONT FACE OF PARAPET**

**NOTE:**

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

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

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

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

\* H<sub>r</sub> AND L<sub>r</sub> INDICATE DIMENSIONS FOR CONCRETE REMOVAL. PERIMETERS OF CONCRETE REMOVAL AREAS SHALL BE SAW CUT 3/4" PRIOR TO REMOVAL OF CONCRETE.

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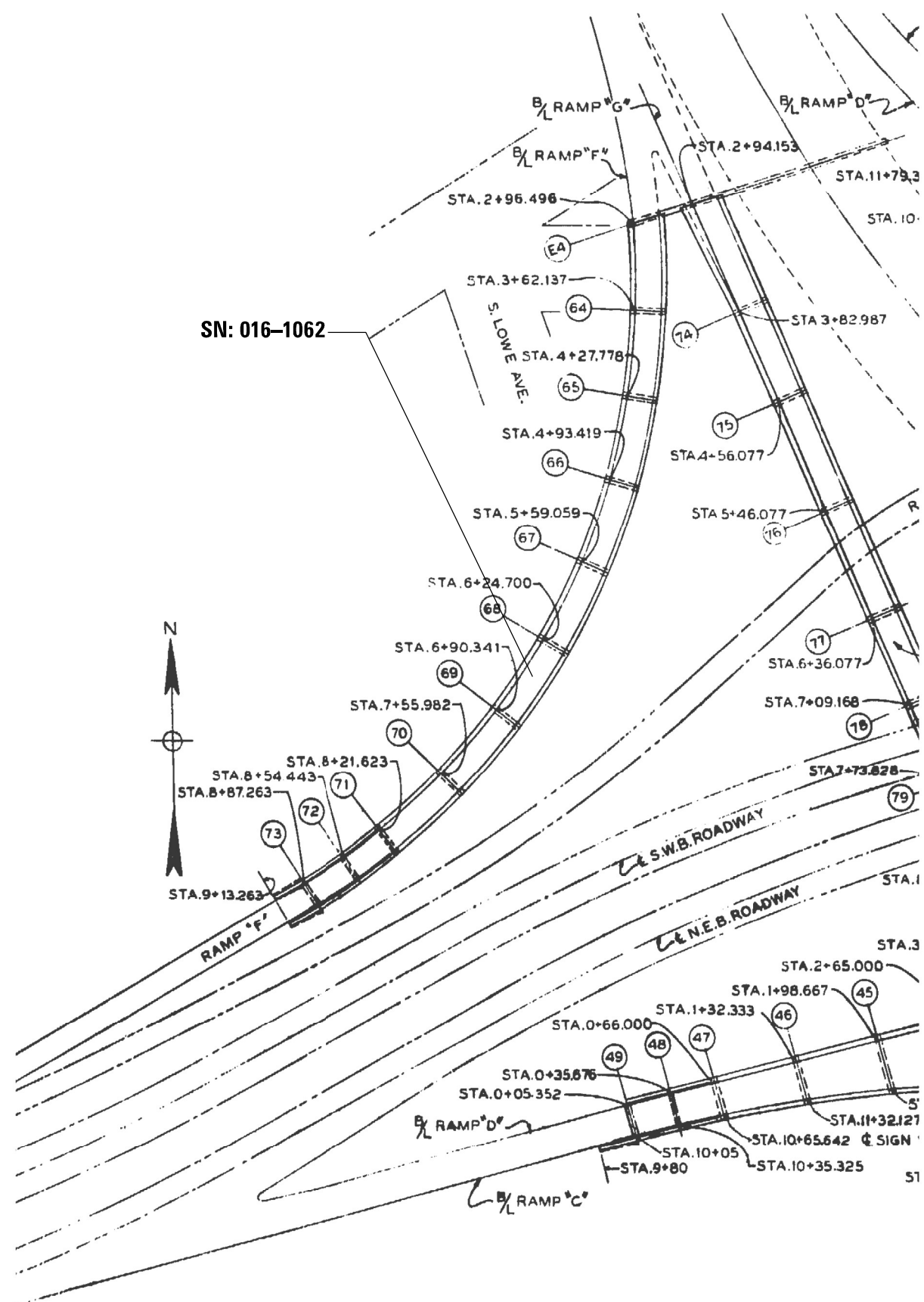
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL BRIDGE PARAPET REPAIR DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021 223 BW	VARIOUS	52	9
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				



## PLAN

FOR INFORMATION ONLY

USER NAME = hassann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

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

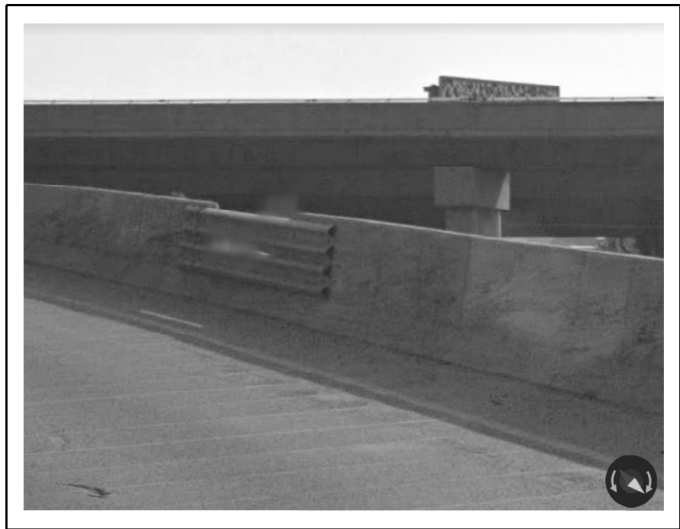
LOCATION 1 (SN 016-1062)  
I-90/94 (DAN RYAN) SB RAMP TO I-55 WB

<b>LOCATION 1 (SN 016-1062)</b> <b>I-90/94 (DAN RYAN) SB RAMP TO I-55 WB</b>					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					VAR.	2021 223 BW	COOK	52	10
					CONTRACT NO. 62R39				
SCALE:	SHEET 1 OF 3 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT				





R 14 E



LOCATION 1. PARTIAL DEPTH PARAPET REPAIR  
REPLACE APPROXIMATELY 12.5 FT OF PARAPET  
LOCATED AT I-90/94 (DAN RYAN) SB RAMP TO I-55 WB  
NEAR PIER 68 LEFT HAND SIDE.

BILL OF MATERIALS

BAR	SIZE	LENGTH	SHAPE	QUANTITY
e(E)	#4	12'-6"		8
CONCRETE REMOVAL			CU. YDS	0.78
REINFORCEMENT BARS EPOXY COATED			LBS	66.8
CONCRETE SUPERSTRUCTURE			CU. YDS	0.78
MECHANICAL SPLICERS			EACH	16
PROTECTIVE COAT			SQ. YDS	4.2
SAW CUT			FOOT	5.0

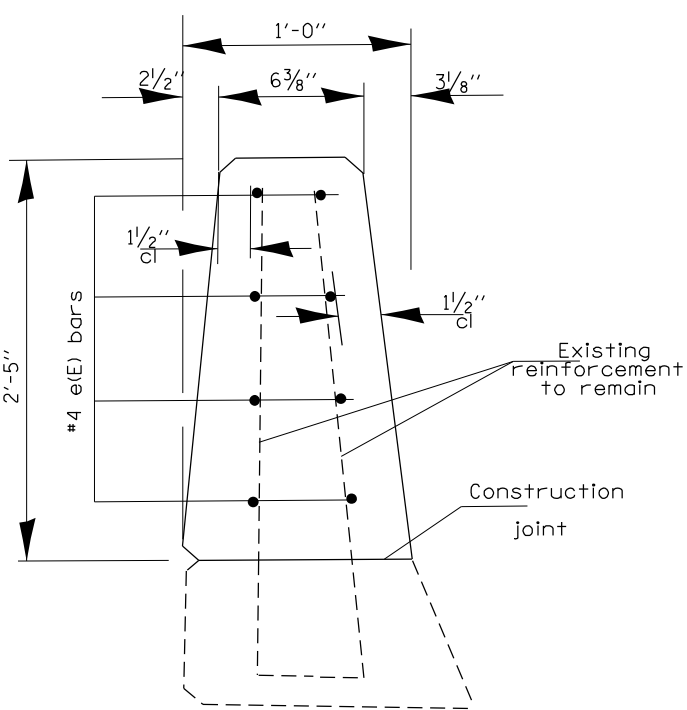
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I-90/94

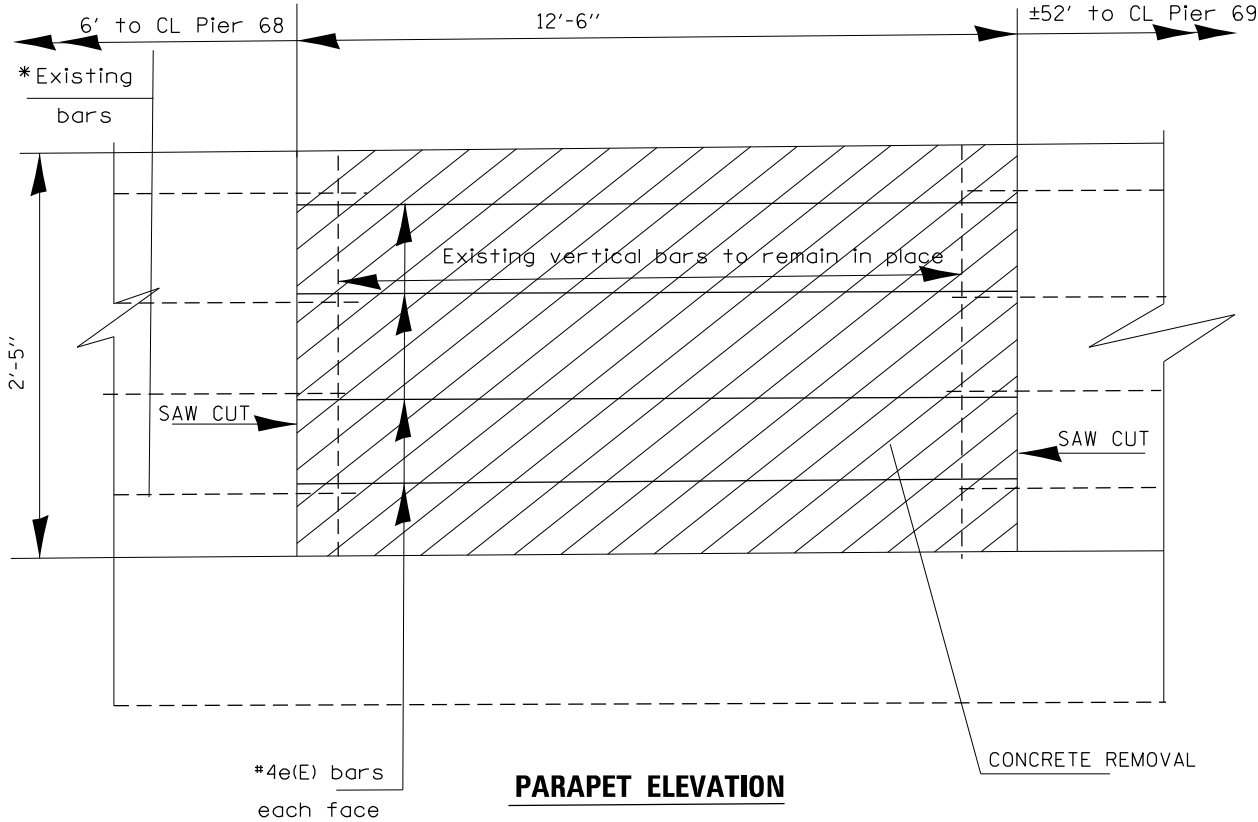
2019 ADT = 24900  
SPEED LIMIT = 55 MPH

LOCATION 1  
DAN RYAN SB RAMP  
TO I-55 WB. SN 016-1062

CITY OF CHICAGO  
SOUTH CHICAGO TOWNSHIP  
COOK COUNTY



SECTION THRU PARAPET



PARAPET ELEVATION

NOTE

EXISTING REINFORCEMENT BARS EXTENDING INTO REMOVAL SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. 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.

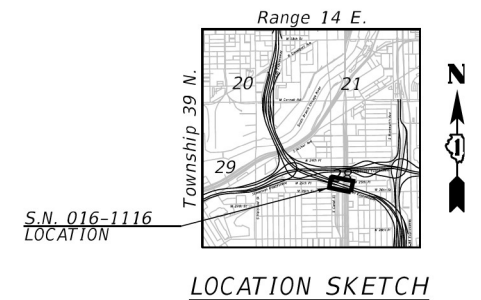
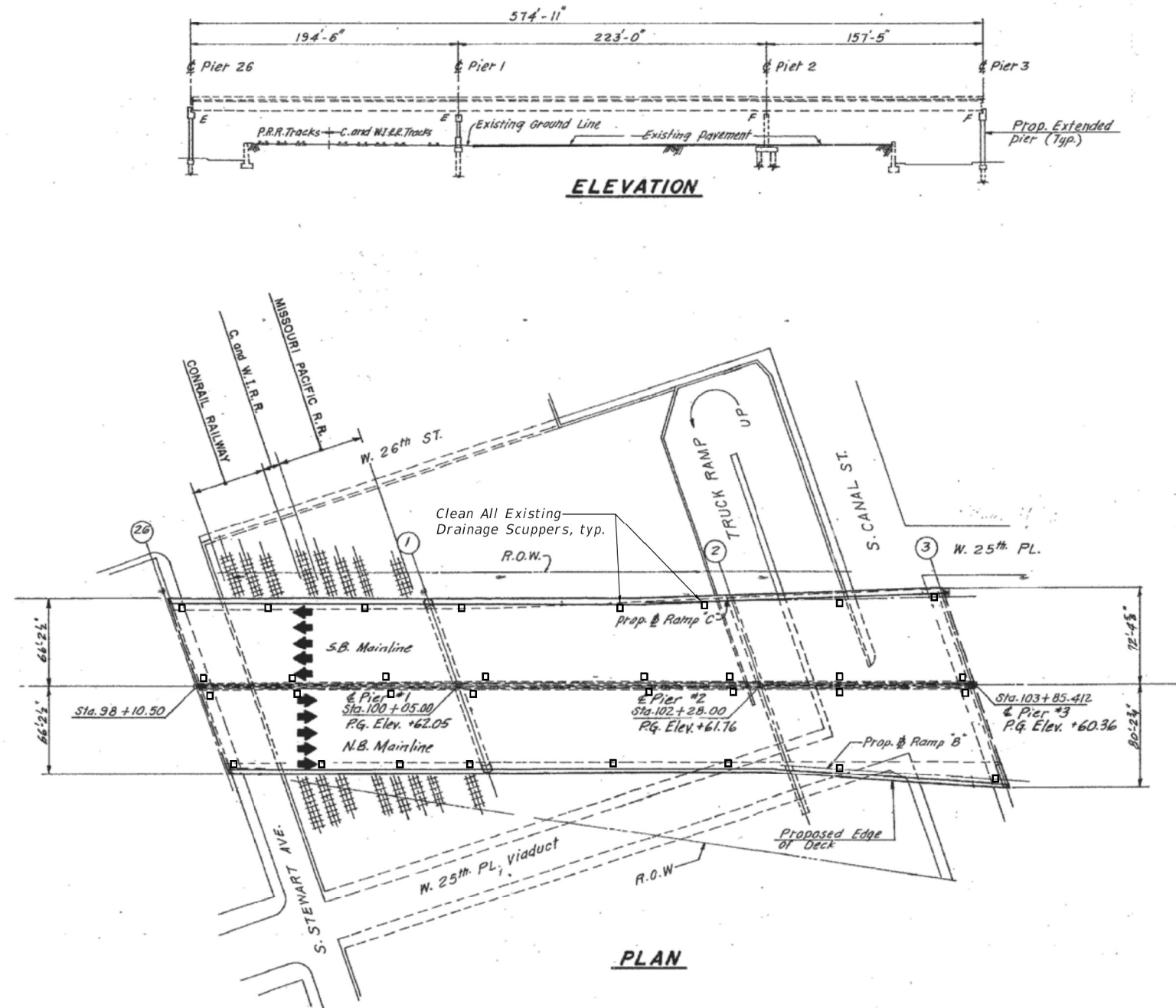
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USER NAME = hassan	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 1 (SN 016-1062) I-90/94 (DAN RYAN) SB RAMP TO I-55 WB			
SCALE:	SHEET 3	OF 3	SHEETS
STA.	TO STA.		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	12
CONTRACT NO. 62R39				
ILLINOIS				FED. AID PROJECT



FOR INFORMATION ONLY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 2 (SN 016-1116)  
I-90/94 (DAN RYAN) OVER CANAL ST AND 25th PLACE

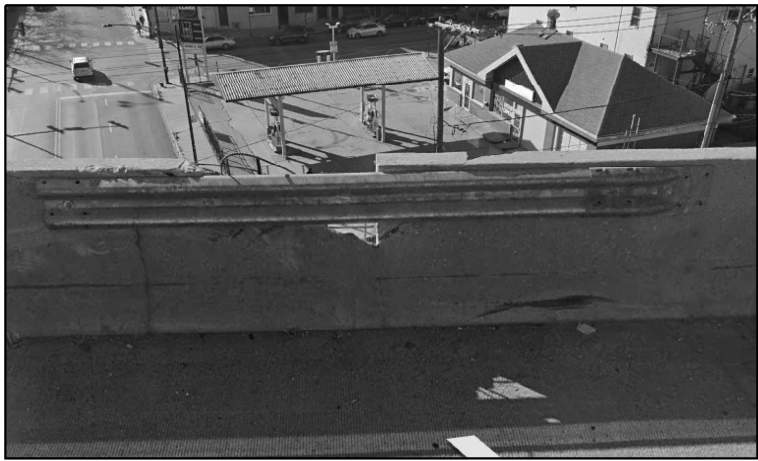
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	13
CONTRACT NO. 62R39				

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

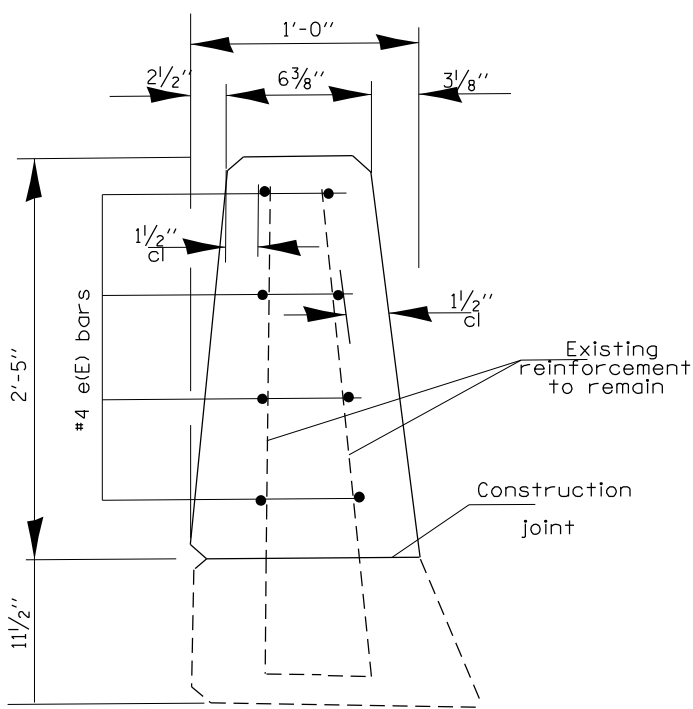
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	DRAWN -	REVISED -
PLOT SCALE = 99.9715' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -



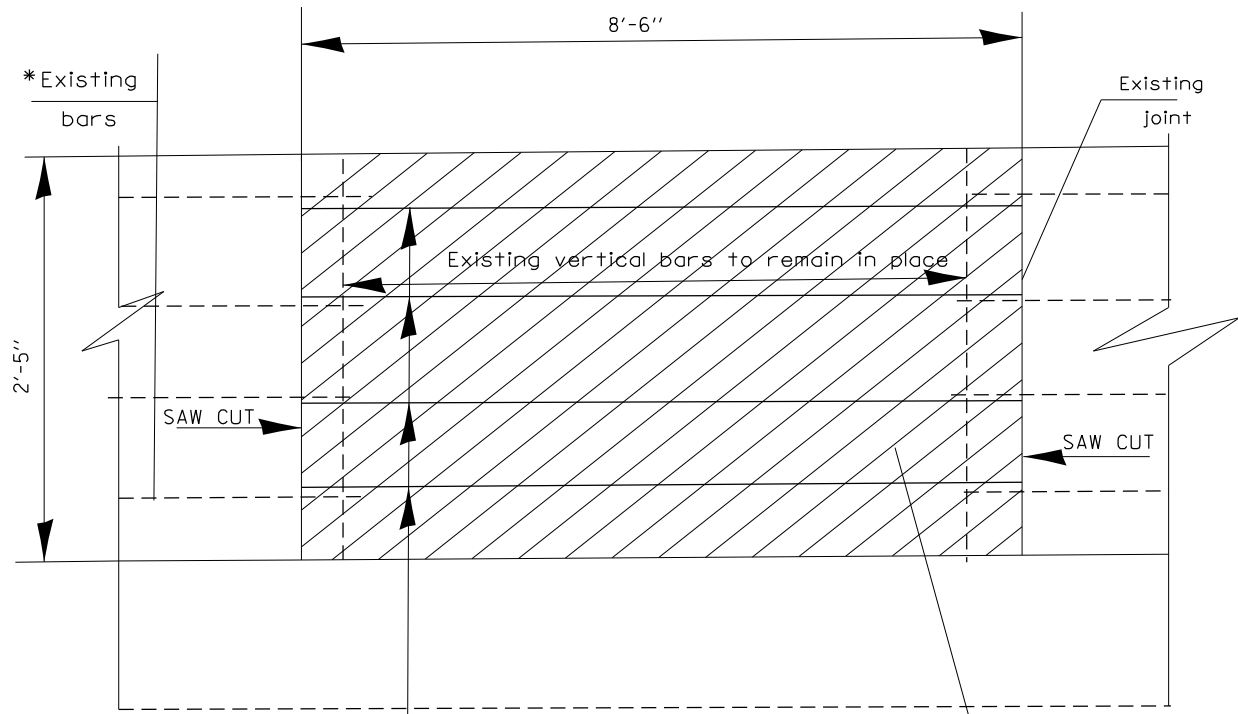
Model: Default  
File Name: p:\project-aw-bentley.com\p\w\DOT Documents\DOT Office\District 1\Project\11\_83 and 149\_94\CADData\Design\11-83.dgn



**LOCATION 2. PARTIAL DEPTH PARAPET REPAIR  
REPLACE APPROXIMATELY 8.5 FT OF PARAPET  
LOCATED AT SB I-90/94 (DAN RYAN) RIGHT  
SHOULDER OVER CANAL ST AND 25th PLACE**



**SECTION THRU PARAPET**



**PARAPET ELEVATION**

#4e(E) bars  
each face

**BILL OF MATERIALS**

BAR	SIZE	LENGTH	SHAPE	QUANTITY
e(E)	#4	8'-6"	—	8
CONCRETE REMOVAL			CU. YDS	0.53
REINFORCEMENT BARS EPOXY COATED			LBS	46
CONCRETE SUPERSTRUCTURE			CU. YDS	0.53
MECHANICAL SPLICERS			EACH	16
PROTECTIVE COAT			SQ. YDS	2.9
SAW CUT			FOOT	5.0

**TRAFFIC DATA**

I-90/94

2019 ADT = 222100  
SPEED LIMIT = 55 MPH

**NOTE**

EXISTING REINFORCEMENT BARS EXTENDING INTO REMOVAL SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. 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 RETURNED TO DISTRICT BRIDGE YARD.

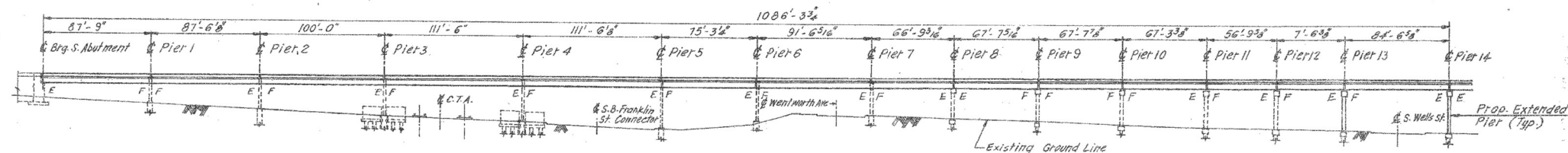
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DRAWN -	REVISED -	
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PLOT DATE = 2/10/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

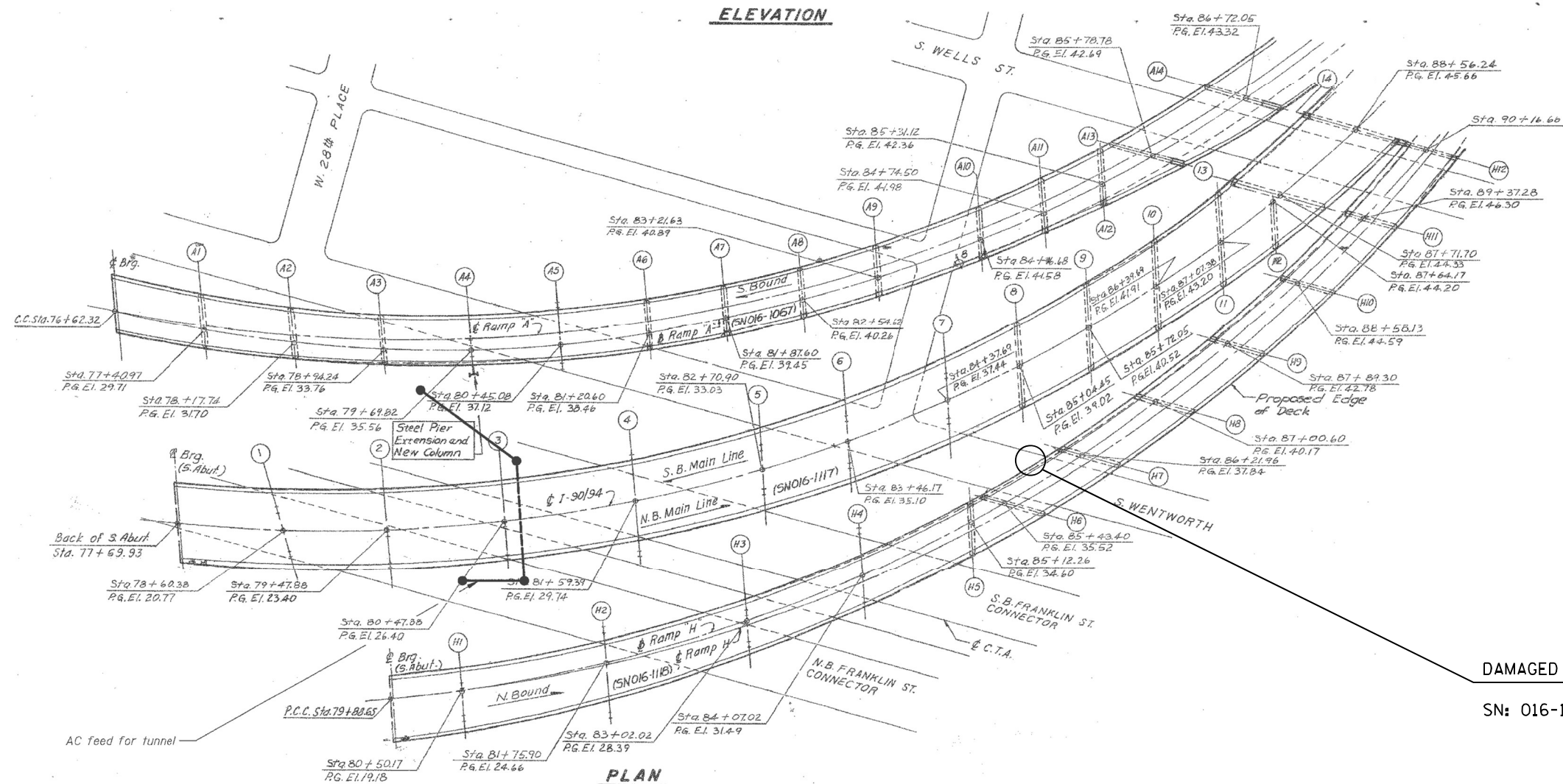
**LOCATION 2 (SN 016-1116)  
I-90/94 (DAN RYAN) OVER CANAL ST AND 25th PLACE**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	15
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				



**ELEVATION**



**PLAN**

**DAMAGED PARAPET**

SN: 016-1118



*Jayme E. Schift*

Seal applies to sheets 16-18 of 52 only.

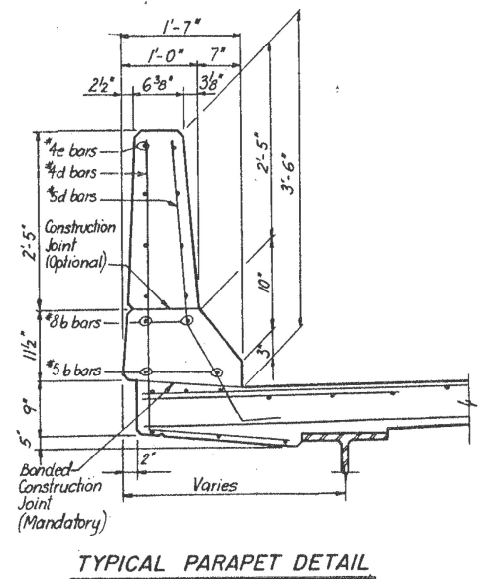
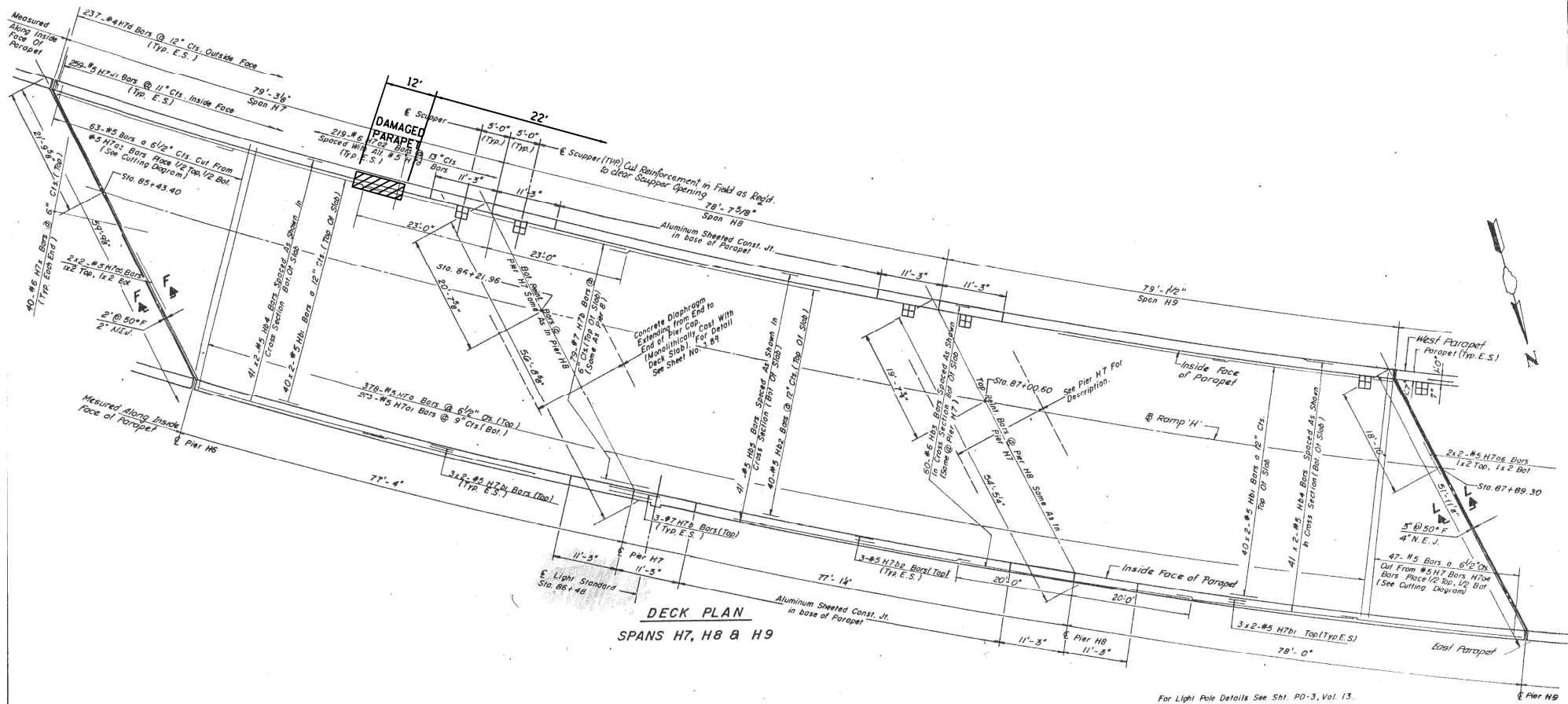
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 3 (SN 016-1118)  
I-90/94 NB LOCAL OVER WENTWORTH AVE TO 29th PLACE**

USER NAME = hassan	DESIGNED - RD	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - JAM	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	16
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

2021 223 BW

MODEL: Default  
FILE: I-9094 NB Local Over Wentworth Ave To 29th Place.dgn  
PROJECT: I-9094 NB Local Over Wentworth Ave To 29th Place  
SHEET: 52 OF 17  
DATE: 2/10/2022

USER NAME = hassan	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 3 (SN 016-1118)  
I-9094 NB LOCAL OVER WENTWORTH AVE TO 29th PLACE

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-223-BW	COOK	52	17
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				



R 14 E

T 39 N



CITY OF CHICAGO  
SOUTH CHICAGO TOWNSHIP  
COOK COUNTY



LOCATION 3  
DAN RYAN NB LOCALS  
OVER WENTWORTH AVE  
SN 016-1118



LOCATION 3. FULL DEPTH PARAPET REPAIR  
REPLACE APPROXIMATELY 12 FT OF PARAPET  
LOCATED AT I-90/94 (DAN RYAN) NB LOCALS OVER  
WENTWORTH AVE LEFT HAND SIDE.

BILL OF MATERIALS

BAR	SIZE	LENGTH	SHAPE	QUANTITY
e(E)	#4	12'-0"	—	8
d(E)	#4	3'-3"	—	12
d2(E)	#5	3'-3"	—	13
b(E)	#8	12'-0"	—	2
b1(E)	#5	12'-0"	—	2
CONCRETE REMOVAL			CU. YDS	1.5
REINFORCEMENT BARS EPOXY COATED			LBS	225
CONCRETE SUPERSTRUCTURE			CU. YDS	1.5
MECHANICAL SPLICERS			EACH	24
PROTECTIVE COAT			SQ. YDS	5.7
SAW CUT			FOOT	7

TRAFFIC DATA

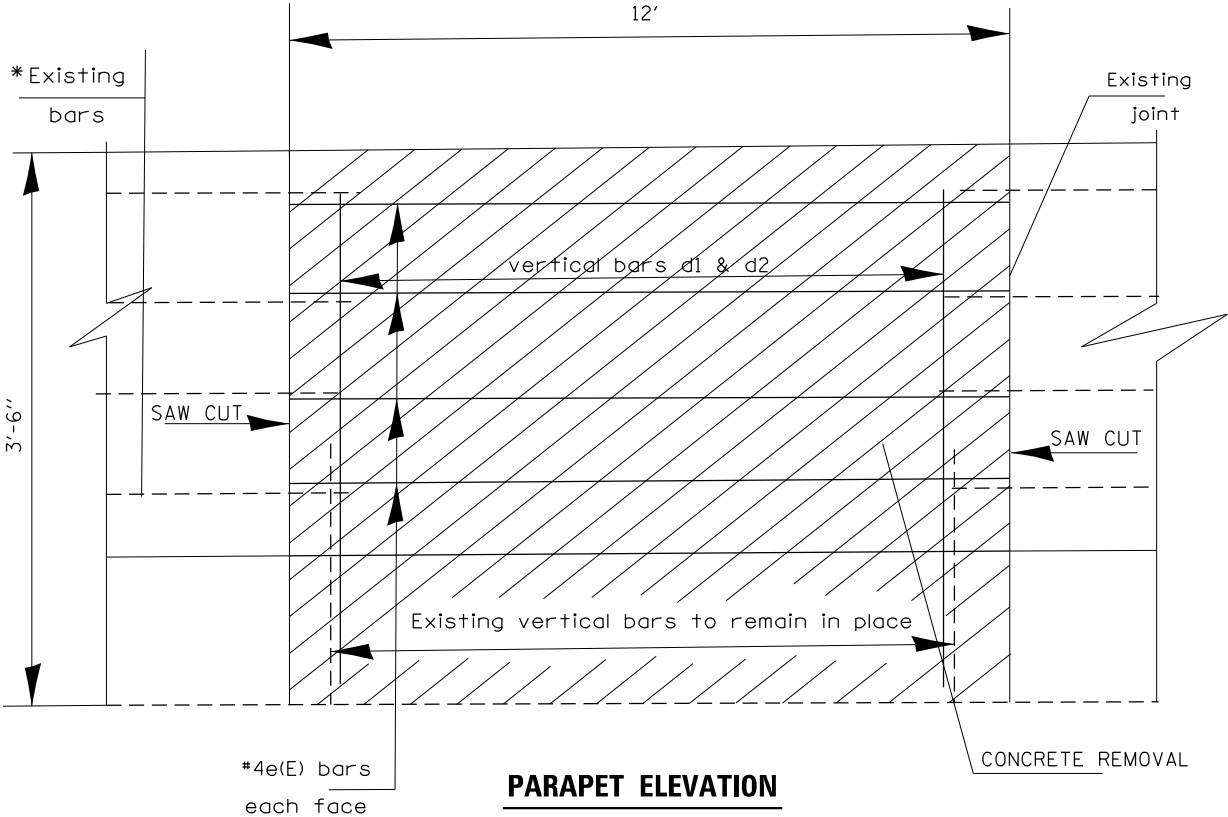
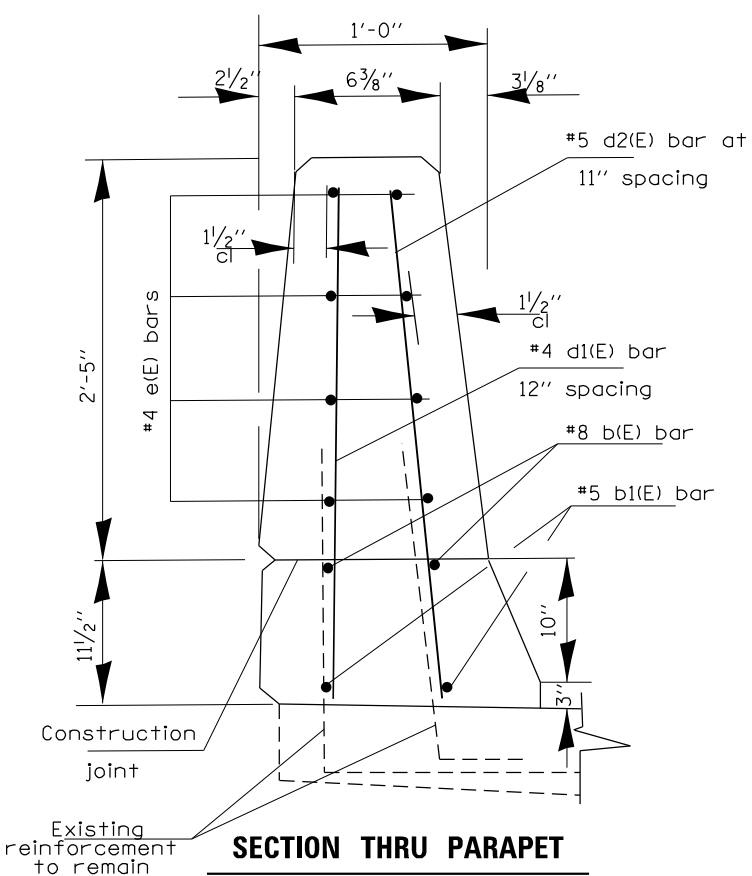
I-90/94  
2019 ADT = 222100  
SPEED LIMIT = 45-55 MPH

NOTE

EXISTING REINFORCEMENT BARS EXTENDING INTO REMOVAL SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. 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 RETURNED TO DISTRICT BRIDGE YARD.



PARAPET ELEVATION

USER NAME = hassan	DESIGNED -	REVISED -
PLOT SCALE = 100,000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

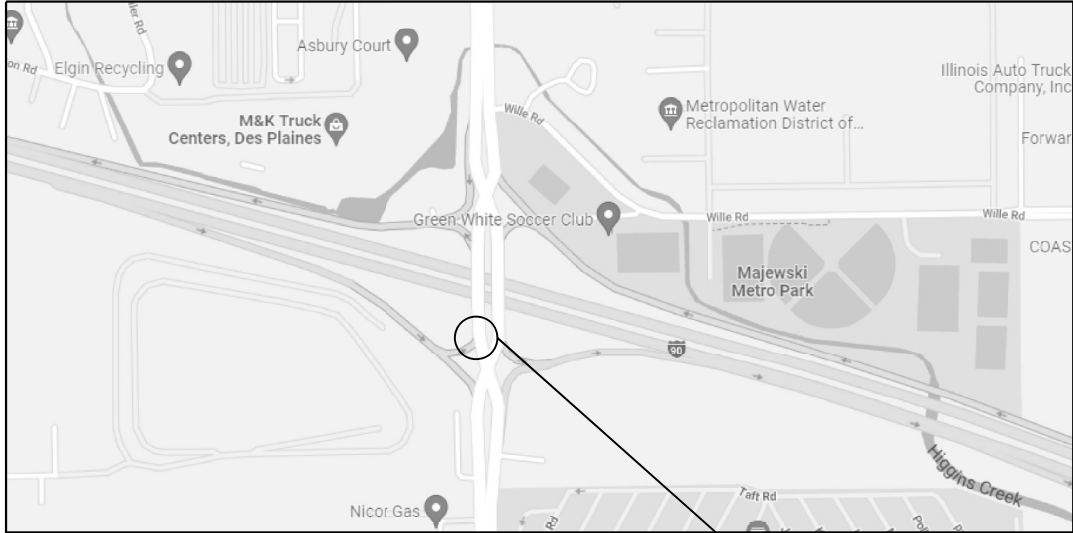
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 3 (SN 016-1118)  
I-90/94 NB LOCAL OVER WENTWORTH AVE TO 29th PLACE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-223-BW	COOK	52	18
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				





VILLAGE OF ELK GROVE  
ELK GROVE TOWNSHIP  
COOK COUNTY

LOCATION 4  
ELMHURST ROAD AT I-90

TRAFFIC DATA

IL-83 (ELMHURST ROAD)

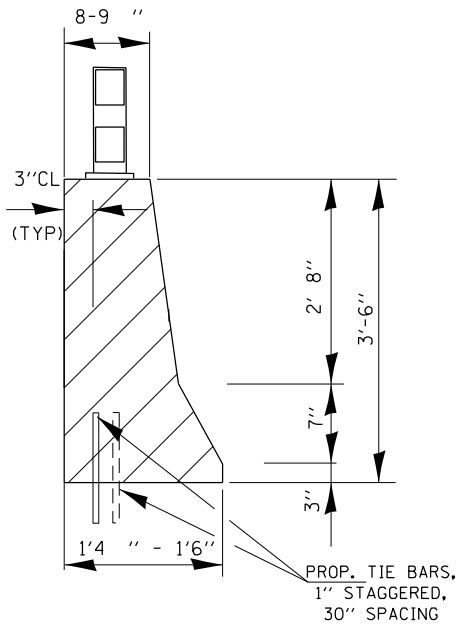
2018 ADT = 34800  
SPEED LIMIT = 45 MPH



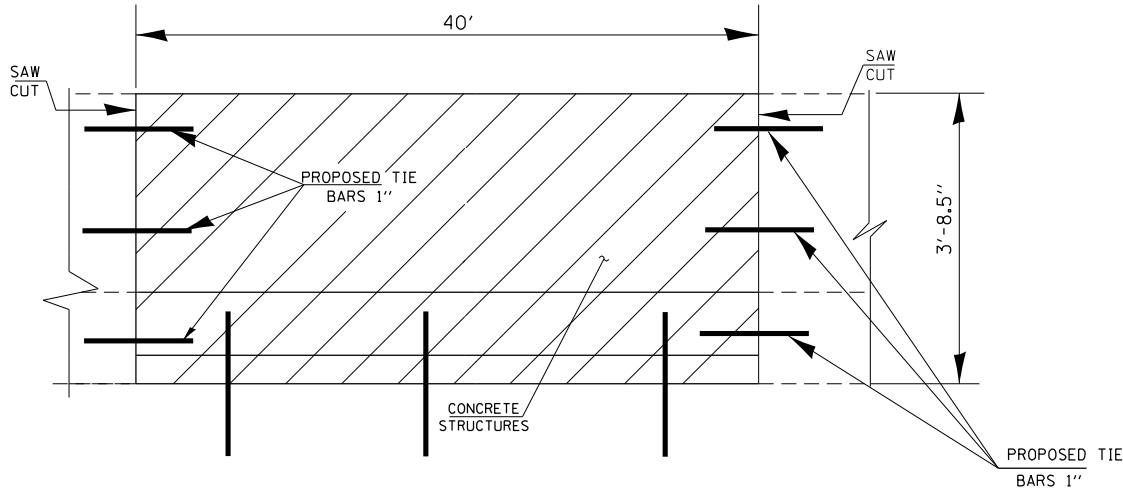
LOCATION 4. REMOVE & REPLACE ENTIRE 40' OF BARRIER WALL.  
LOCATED AT ELMHURST ROAD AT I-90

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	5.6
CONCRETE STRUCTURES	CU. YDS	5.6
TIE BARS	EACH	24
SAW CUT	FOOT	7
PROTECTIVE COAT	SQ. YDS	37.5
REMOVING AND RE-ERECTING EXISTING RAILING	FOOT	42



SECTION THRU BARRIER WALL



ELEVATION

NOTES:

METAL RAIL ONTOP OF CONCETE WALL SHALL BE SALVAGED, STRAIGHTENED AND REUSED. THIS WOR SHALL BE INCLUDED AS PART OF REMOVING AND RE-ERECTING EXISTING RAILING PAY ITEM.

TRAFFIC DEVICES PRESENT AT THE LOCATION SHALL BE RETURNED TO ARLINGTON HEIGHTS MAINTENANCE YARD.

MODEL: Default  
FILE NAME: p:\elk-grove\low-barrier\com\p\WIDOT\Documents\DOT Office\District 1\Projects\IL 83 and 190\_94\CADD\Design\sheet-plan.dgn

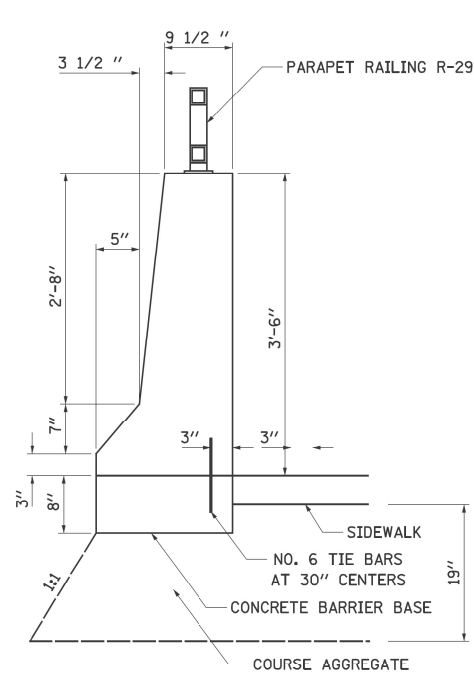
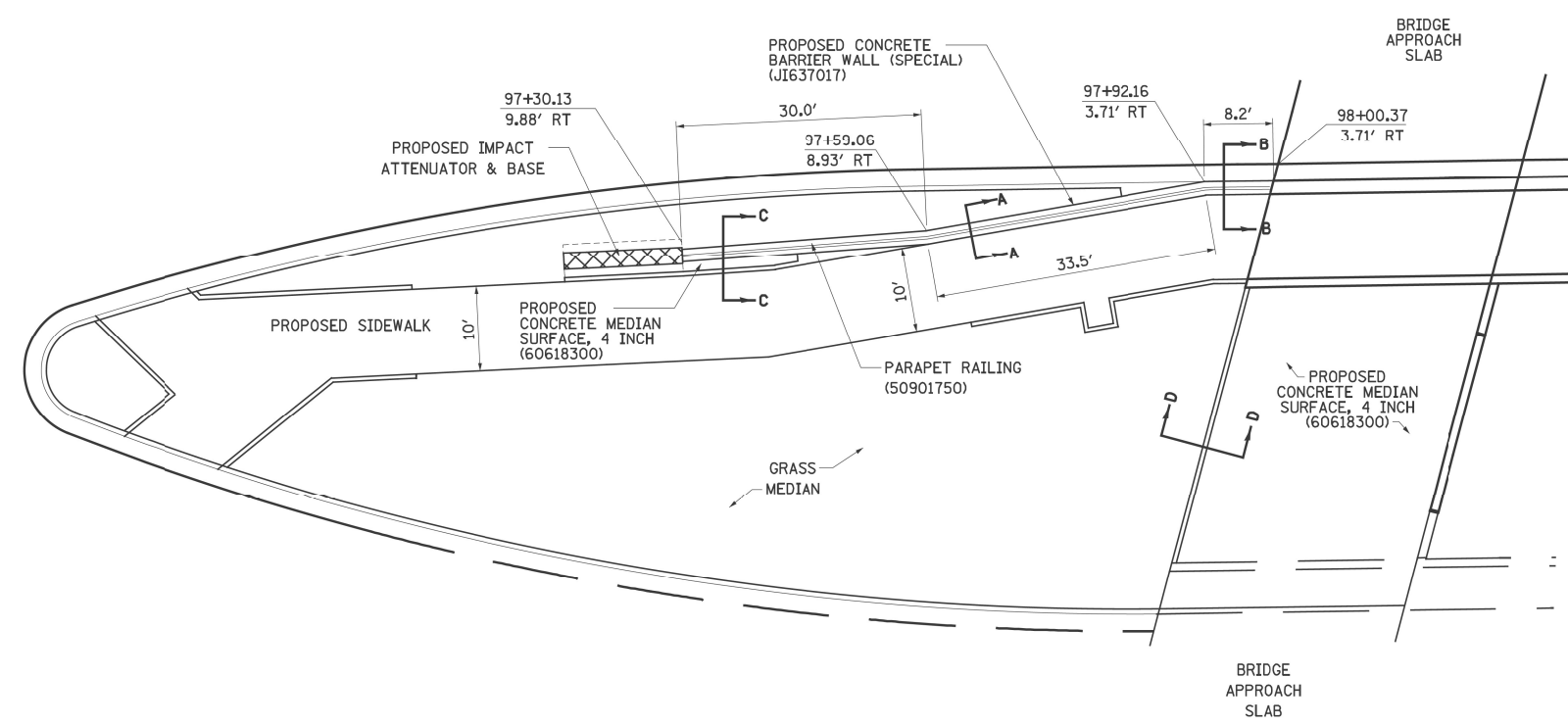
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PLOT DATE = 3/2/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

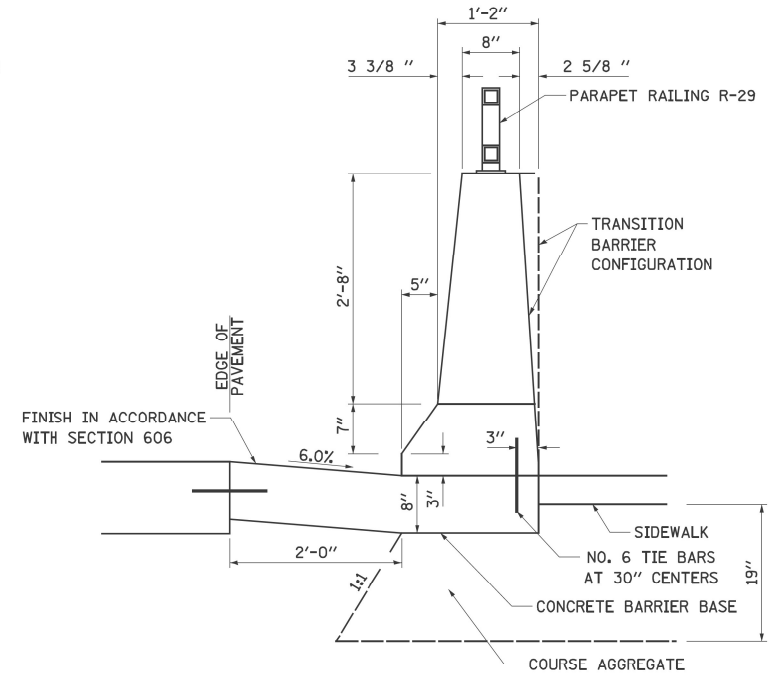
LOCATION 4  
ELMHURST ROAD AT I-90

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

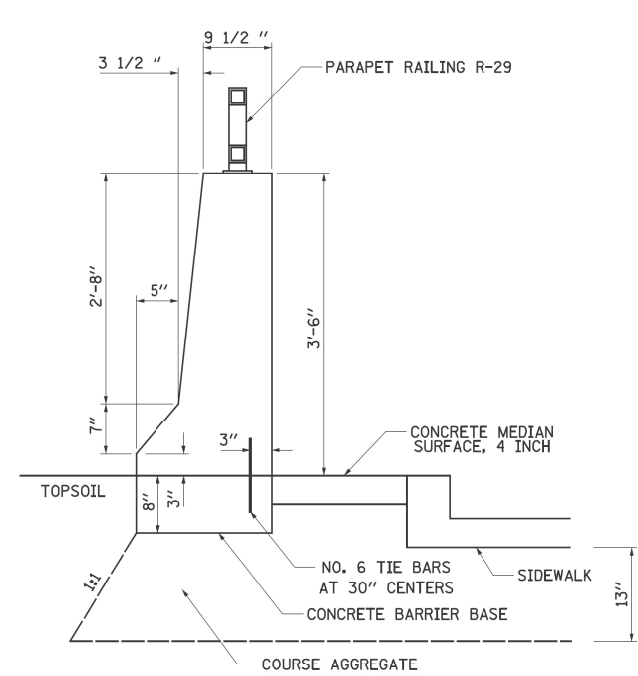
2021 223 BW				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-223-BW	COOK	52	19
		CONTRACT NO. 62R39		
ILLINOIS		FED. AID PROJECT		



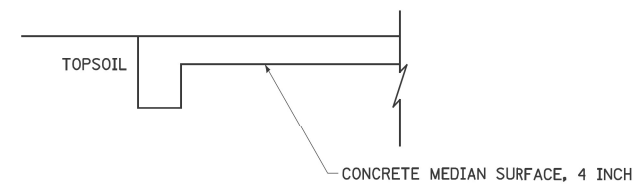
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

FOR INFORMATION ONLY

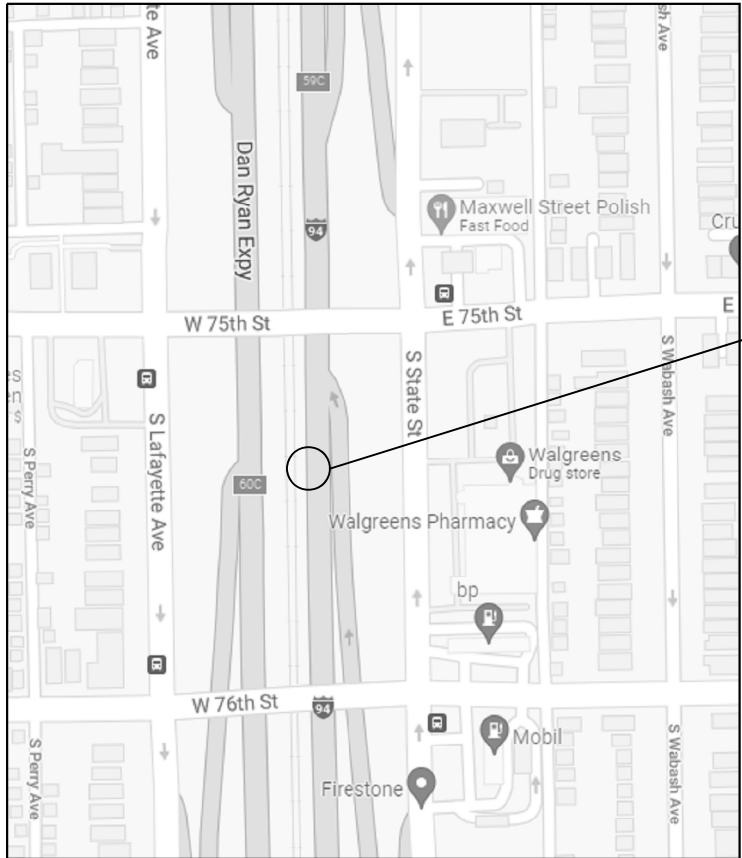
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DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 2/10/2022	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 4: ELMHURST ROAD AT I-90 BARRIER WALL DETAIL			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

2021 223 BW				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-223-BW	COOK	52	20
		CONTRACT NO. 62R39		
		ILLINOIS	FED. AID PROJECT	



CITY OF CHICAGO  
LAKE TOWNSHIP  
COOK COUNTY

LOCATION 5  
NB DAN RYAN NORTH OF 76th ST  
LEFT SIDE CTA WALL



LOCATION 5. HALF DEPTH BARRIER WALL REPAIR  
REPLACE APPROXIMATELY 16 FT OF BARRIER WALL  
LOCATED AT NB I-90/94 (DAN RYAN) NORTH OF 76th ST  
LEFT SIDE CTA WALL



BILL OF MATERIALS

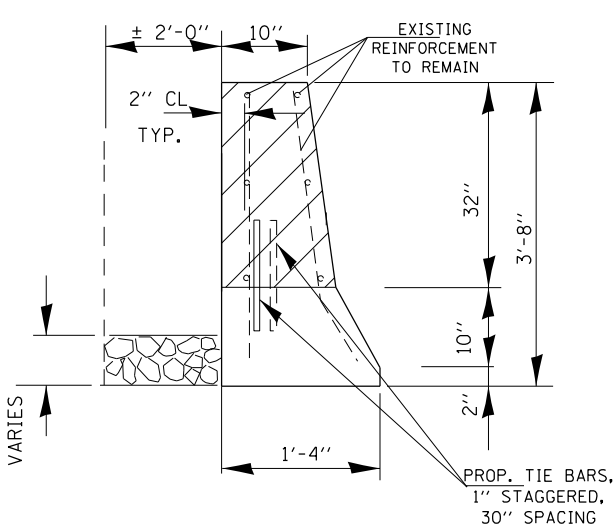
ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	1.5
CONCRETE STRUCTURES	CU. YDS	1.5
TIE BARS	EACH	11
SAW CUT	FOOT	5.5
DEBRIS REMOVAL	L SUM	1
PROTECTIVE COAT	SQ. YDS	6.5
CTA FENCE	FOOT	100
RPLI	L SUM	0.25

TRAFFIC DATA

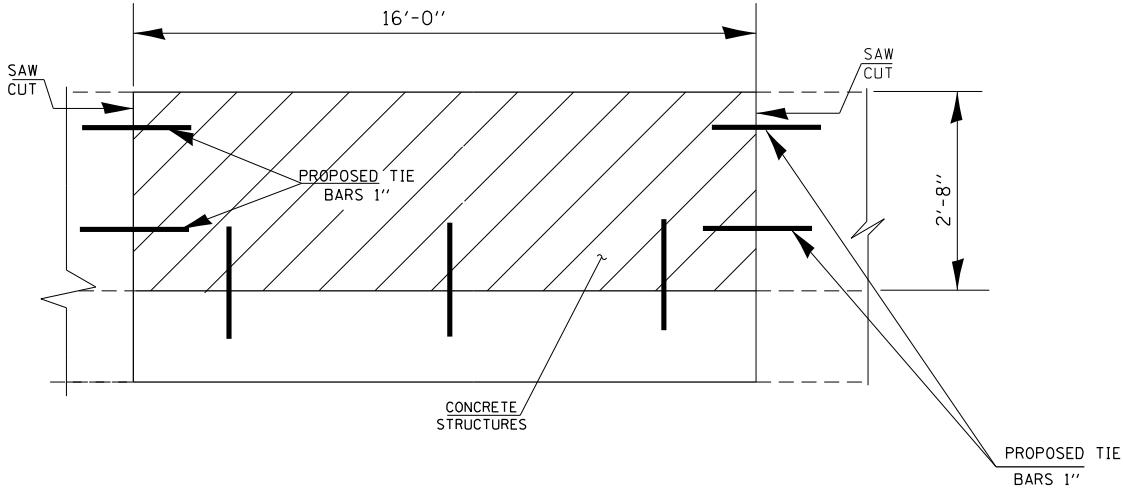
I-90/94  
2019 ADT = 259700  
SPEED LIMIT = 55 MPH

NOTE

EXISTING REINFORCEMENT BARS EXTENDING INTO REMOVAL SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION.  
GUARDRAIL SECTION TO BE RETURN TO DISTRICT BRIDGE YARD.



SECTION THRU BARRIER WALL



ELEVATION

MODEL: Default  
FILE: hussan\p\project-aw-bentley.com\p\DOT\Documents\DOT Office\District 1\Project\11\_83 and 130\_94\CADD\Draw Design\shd-dan.dgn

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PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 5 NB I-90/94 (DAN RYAN) NORTH OF 76th ST			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	21
CONTRACT NO. 62R39				
ILLINOIS		FED. AID PROJECT		

T 36 N

R 15 E



LOCATION 6  
18094 EAST OF  
TORRENCE AVE  
(S. FRONTAGE RD)

VILLAGE OF LANSING  
THORNTON TOWNSHIP  
COOK COUNTY

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.16
TOP SOIL EXCAVATION AND PLACEMENT	CU. YDS	1.7
SEEDING CLASS 2A	ACRE	0.004
TEMPORARY EROSION CONTROL BLANKET	SQ. YDS	10

TRAFFIC DATA

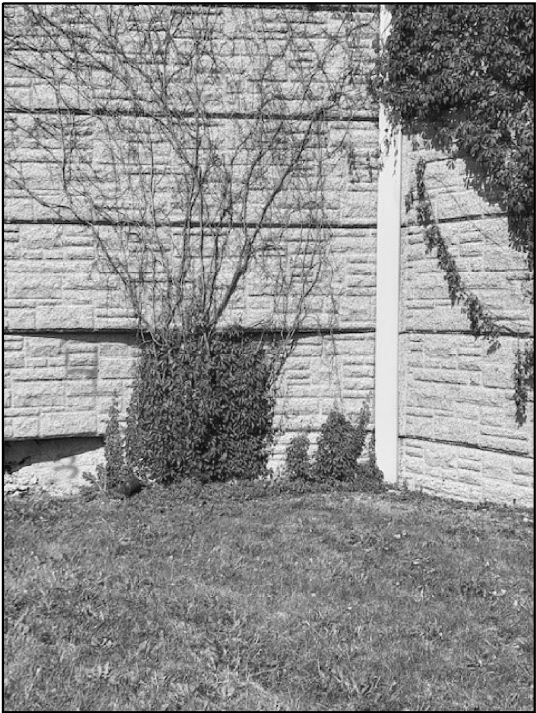
I-80/94  
2019 ADT = 102000  
SPEED LIMIT = 55 MPH

NOTE

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



LOCATION 5. I-80/94 EAST OF TORRENCE AVE  
SOUND WALL



PRECAST CONCRETE WALL  
REPLACE TWO 3 FT X 12 FT SECTIONS



PRECAST CONCRETE WALL  
REPLACE TWO 3 FT X 12 FT SECTIONS

MODEL: Default  
FILE: Noise\_AbatementWall.sxd  
PROJECT: 18094 EAST OF TORRENCE AVE AT SOUTH FRONTAGE RD  
SHEET: 52 OF 52  
DATE: 2/10/2022

USER NAME = hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

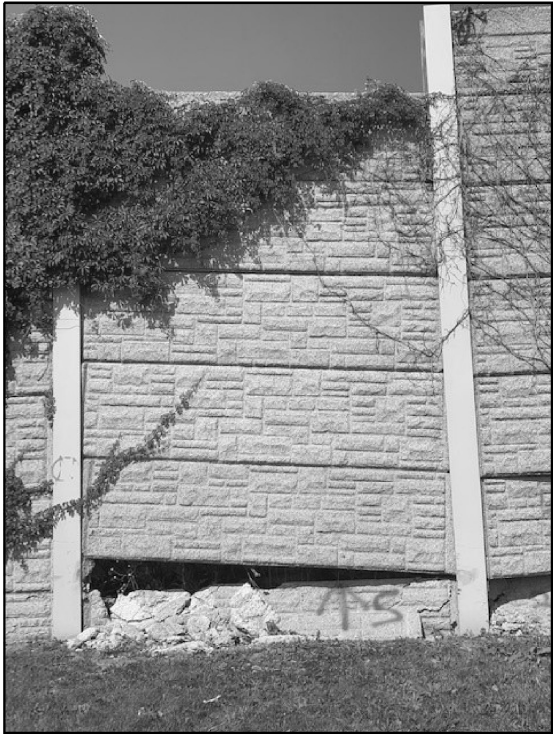
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 6  
I-80/94 EAST OF IL 83 (TORRENCE AVE) AT SOUTH FRONTAGE RD

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	22
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				





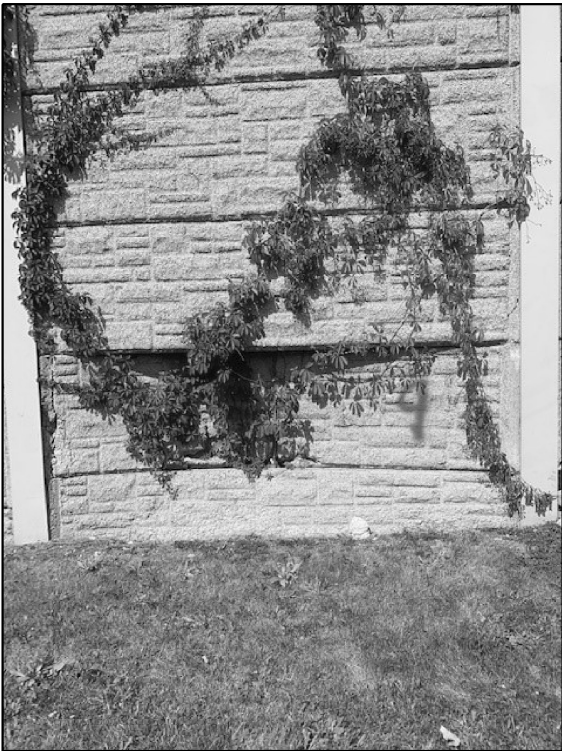
PRECAST CONCRETE WALL  
REPLACE TWO 3 FT X 12 FT SECTIONS



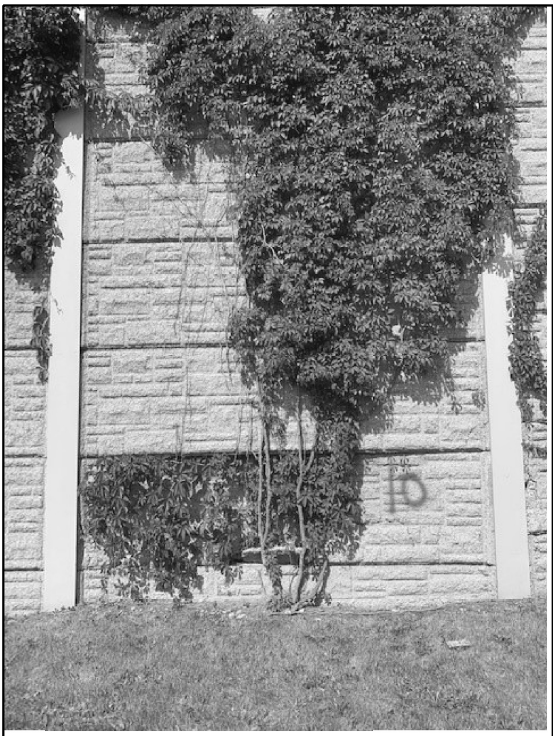
PRECAST CONCRETE WALL  
REPLACE TWO 3 FT X 12 FT SECTIONS



PRECAST CONCRETE WALL  
REPLACE THREE (3) 3 FT X 12 FT SECTIONS



PRECAST CONCRETE WALL  
REPLACE 3 FT X 12 FT SECTION



PRECAST CONCRETE WALL  
REPLACE 3 FT X 12 FT SECTION



PRECAST CONCRETE WALL  
REPLACE 3 FT X 12 FT SECTION

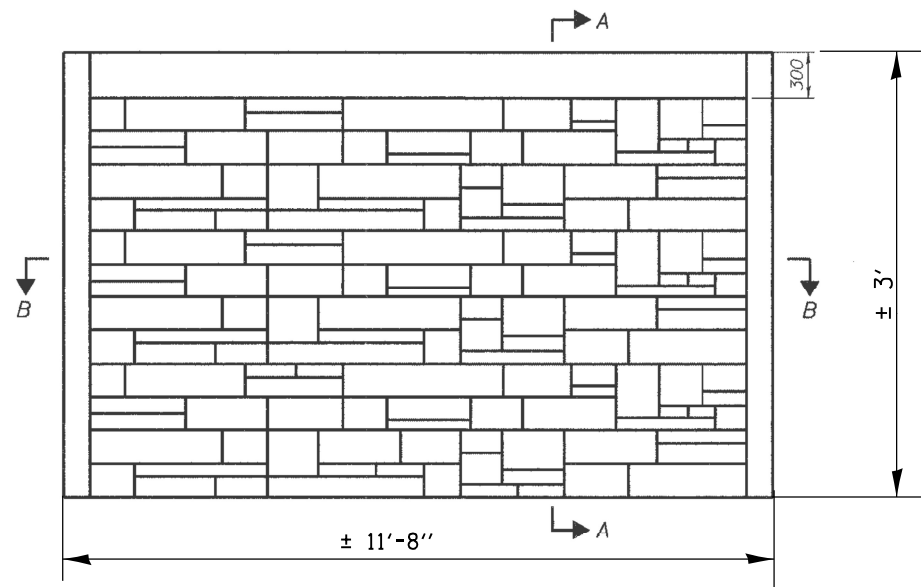
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DRAWN	-	REVISED	-
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PLOT DATE	= 2/10/2022	DATE	-

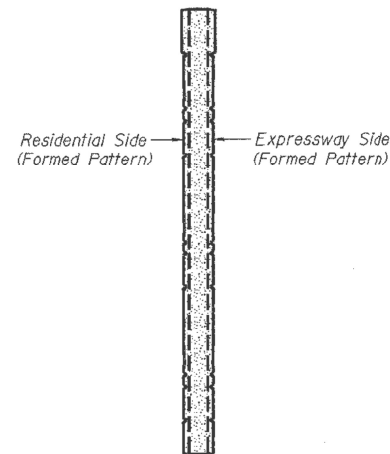
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 6			
I-80/94 EAST OF IL 83 (TORRENCE AVE) AT SOUTH FRONTAGE RD			
SCALE:	SHEET 2	OF 3	SHEETS
STA.	TO STA.		

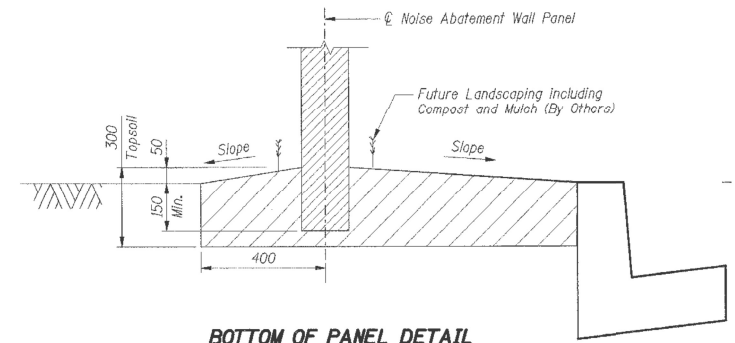
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	23
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				



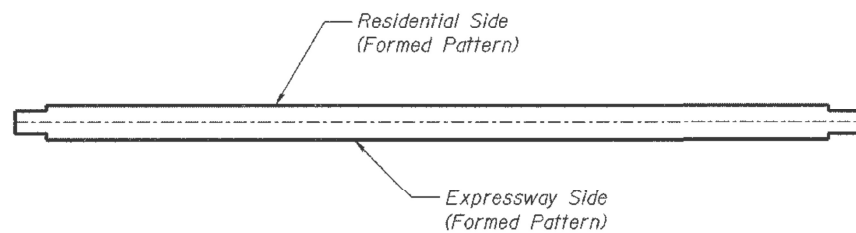
**FORMED ASHLAR STONE PATTERN**  
(Absorptive Panel - Expressway Side only)  
(Precast Panel - Expressway & Residential Sides)



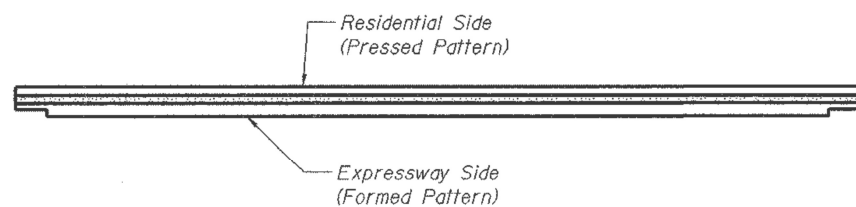
**SECTION A-A THRU PRECAST PANEL**



**BOTTOM OF PANEL DETAIL**



**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.

FOR INFORMATION ONLY

TYPE OF BOTTOM PANEL INSTALLATION TO BE DETERMINED AT FIELD.

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 6  
I-80/94 EAST OF IL 83 (TORRENCE AVE) AT SOUTH FRONTAGE RD**

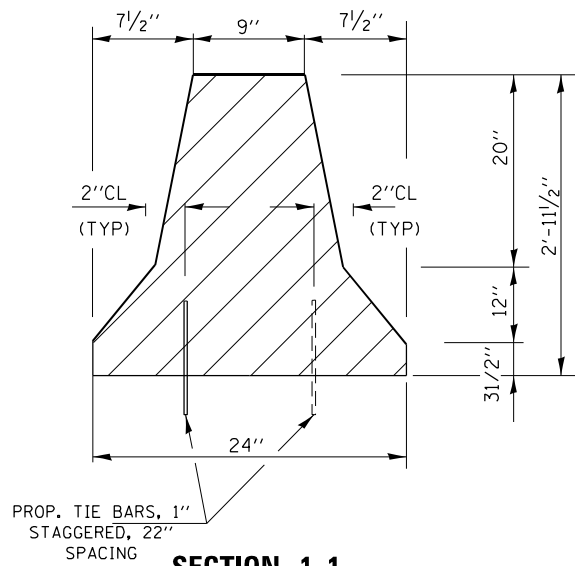
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	24
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				

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

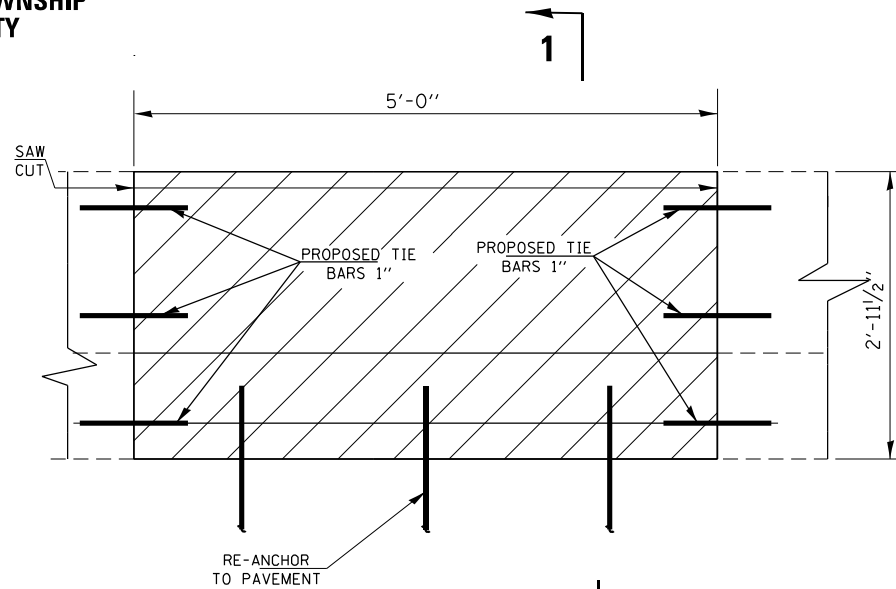
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CITY OF WAUKEGAN  
WAUKEGAN TOWNSHIP  
LAKE COUNTY



SECTION 1-1



ELEVATION



LOCATION 7. FULL DEPTH MEDIAN BARRIER WALL REPAIR  
REPLACE APPROXIMATELY 5 FT OF PARAPET LOCATED  
AT 600 FT SOUTH OF GRAND AVE IN GURNEE



LOCATION 8. FULL DEPTH MEDIAN BARRIER WALL REPAIR  
REPLACE APPROXIMATELY 5 FT OF PARAPET LOCATED  
AT 1500 FT SOUTH OF GRAND AVE IN GURNEE



LOCATION 9. FULL DEPTH MEDIAN BARRIER WALL REPAIR  
REPLACE APPROXIMATELY 5 FT OF PARAPET LOCATED  
AT 250 FT SOUTH OF GRAND AVE IN GURNEE.

TRAFFIC DATA

AMSTUTZ EXPWY (IL 137)  
2019 ADT = 23000  
SPEED LIMIT = 45 MPH

BILL OF MATERIALS

ITEM	UNIT	QUANTITY		
		LOC.7	LOC. 8	LOC. 9
CONCRETE STRUCTURES	CU. YDS	0.75	0.75	0.75
CONCRETE REMOVAL	CU. YDS	0.75	0.75	0.75
PROTECTIVE COAT	SQ. YDS	2.15	2.15	2.15
SAW CUT	FOOT	6	6	6
TIE BARS	EACH	9	9	9

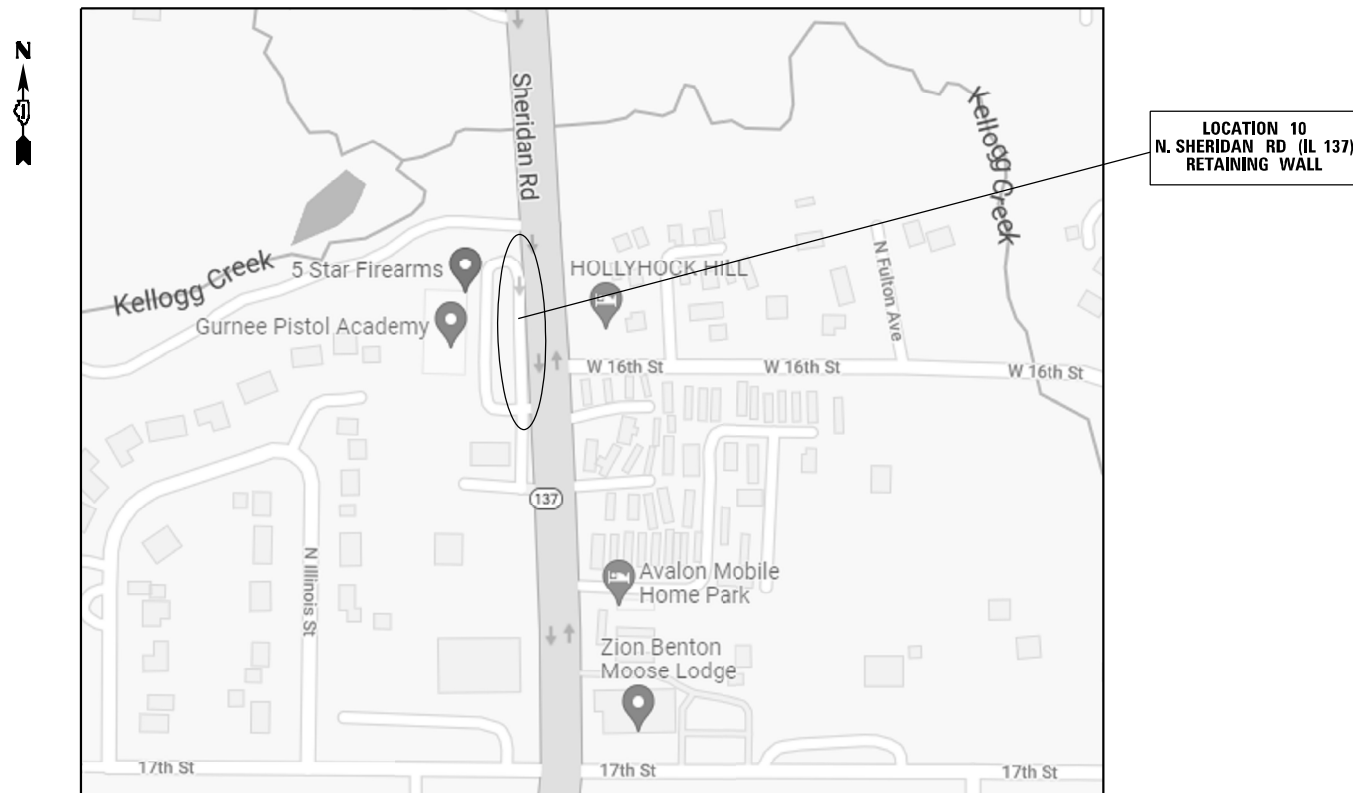
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DRAWN -	REVISED -	
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PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 7,8 AND 9  
AMSTUTZ EXPWY (IL 137)

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

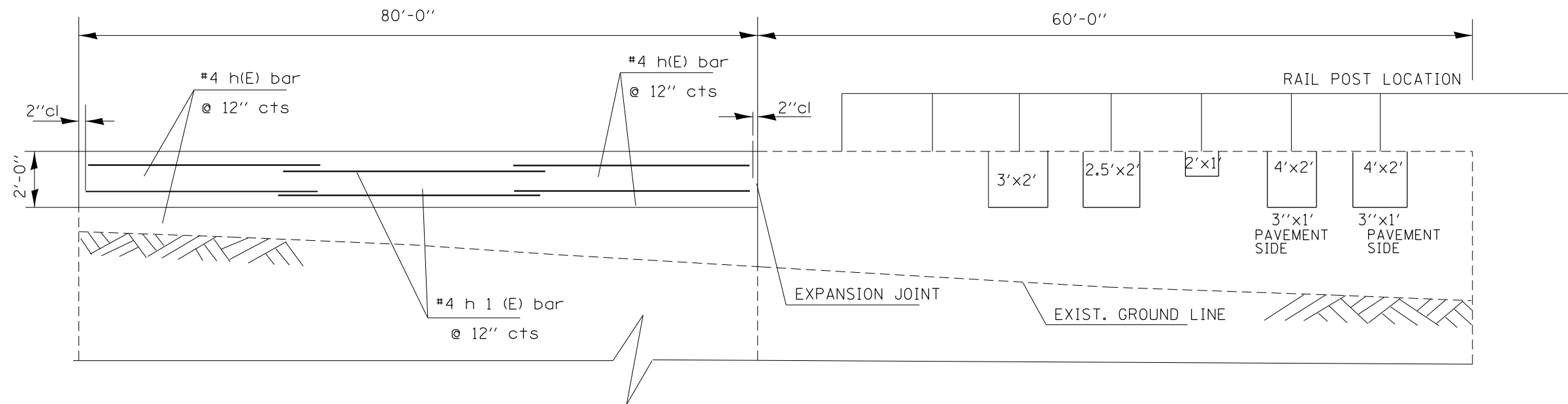
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	LAKE	52	25
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				



**CITY OF ZION  
BENTON TOWNSHIP  
LAKE COUNTY**







NOTE:

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.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

MINIMUM REINFORCEMENT OVERLAP IS 1'-8".

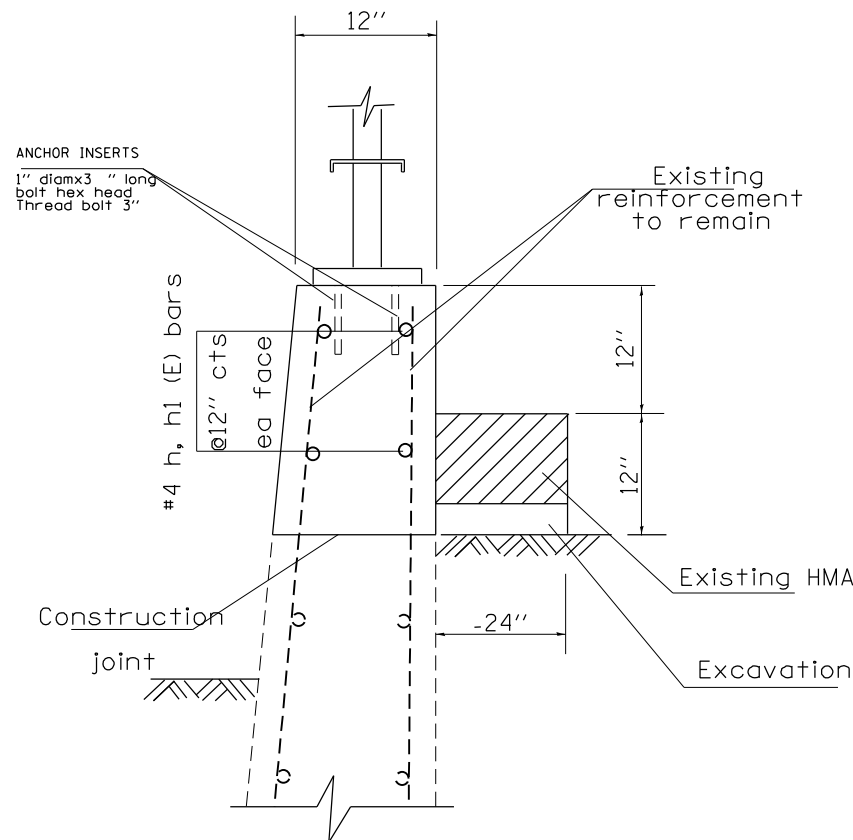
JOINTS ARE TO BE INSTALLED TO MATCH EXISTING.

THE COST OF 24 ANCHOR INSERTS IS INCLUDED IN THE COST OF REMOVE AND REERECT EXISTING HANDRAIL.

THE COST OF CLEANING & PAINTING HANDRAIL SHALL BE PAID UNDER "CLEANING & PAINTING STRUCTURAL STEEL, LOCATION 10".

BILL OF MATERIALS

BAR	SIZE	LENGTH	SHAPE	QUANTITY
h(E)	4	30'-0"	————	8
h1(E)	4	24'-0"	————	4
CONCRETE REMOVAL			CU. YDS	6.5
CONCRETE STRUCTURE			CU. YDS	6.5
REINFORCEMENT BARS EPOXY COATED			LBS	225
CLEANING AND PAINTING STRUCTURAL STEEL, LOC. 10			L. SUM	1
DRIVEWAY REMOVAL & REPLACEMENT			SQ. YDS	13.5
REMOVE AND REERECT EXISTING HANDRAIL			FOOT	139
STRUCTURAL REPAIR OF CONCRETE. DEPTH EQUAL OR LESS THAN 5"			SQ. FT	30
SAW CUT			FOOT	2
EARTH EXCAVATION			CU. YDS	4.4
ANCHOR INSERTS			EACH	24
PROTECTIVE COAT			SQ. YDS	78



MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE USES	VOIDS @ Ndes	
DRIVEWAY REMOVAL AND REPLACEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% AT 50 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8"	4% AT 50 GYR.	QC/QA
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP)		

NOTE

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

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PLOT DATE = 3/2/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 10  
SHERIDAN RD AT W 16th ST

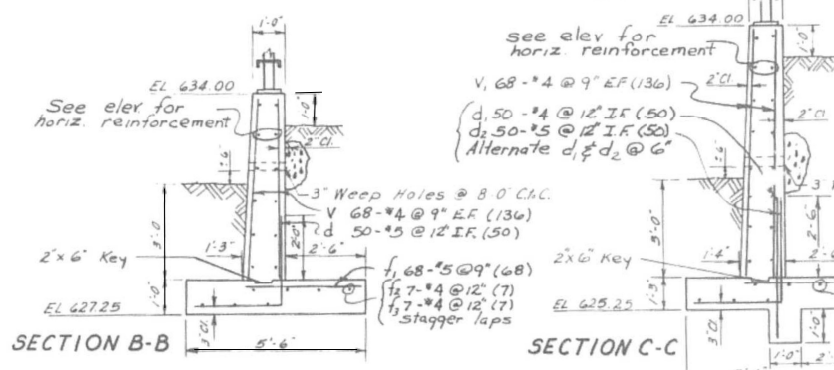
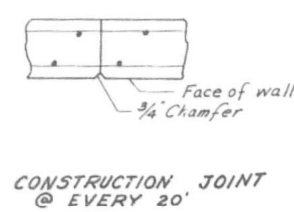
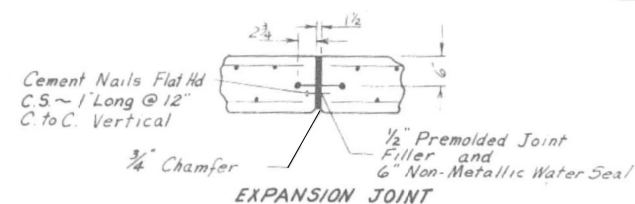
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	LAKE	52	27
				CONTRACT NO. 62R39
ILLINOIS FED. AID PROJECT				

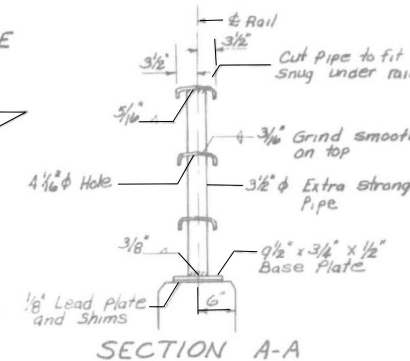
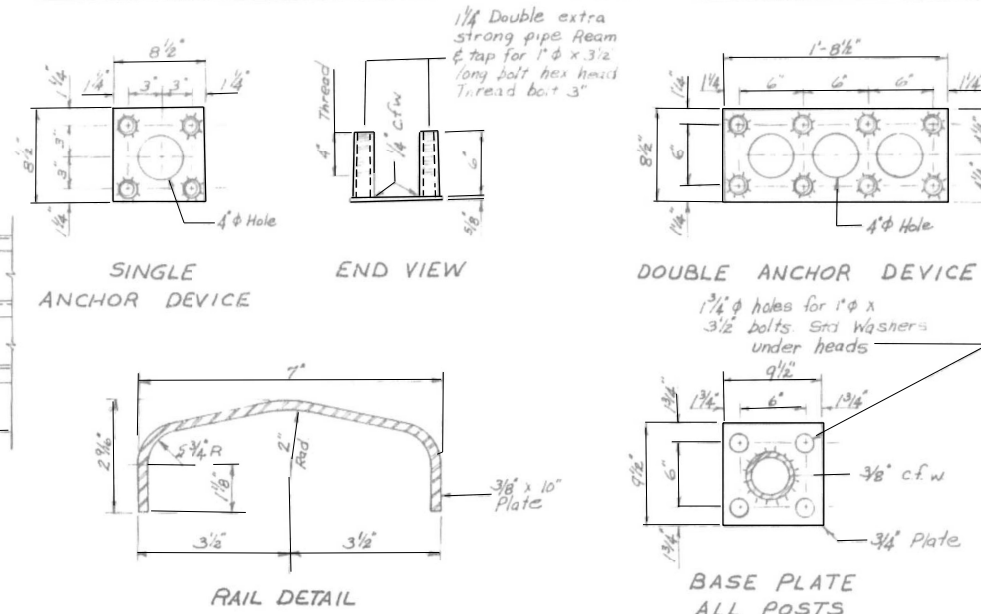
ELEVATION - HANDRAIL

PLAN - HANDRAIL

ELEVATION - RETAINING WALL



SECTION C-C

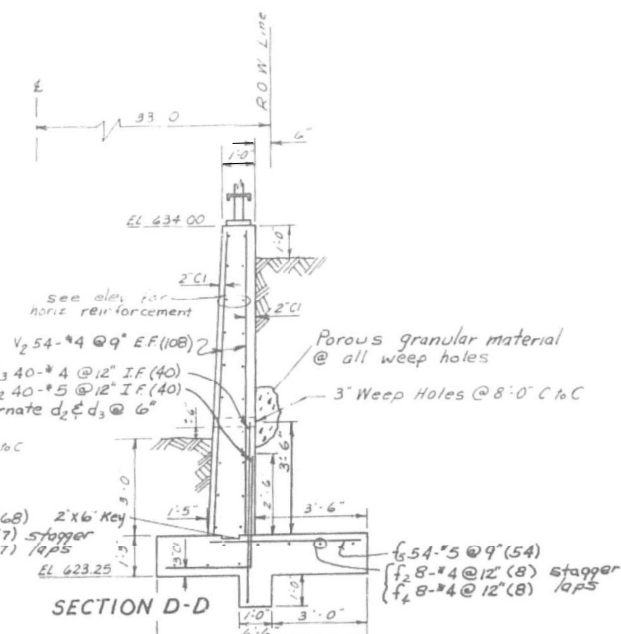


## NOTES

1. After erection, all bolts and washers shall be spot painted with one coat of red lead paint. The entire rail shall then receive two coats of aluminum paint.
2. Provide 1- $\frac{1}{8}$ " and 2- $\frac{1}{2}$ " shims for 50% of the posts.
3. Class X Concrete shall be used throughout.
4. Reinforcing bars shall be A615 Grade 40 with 24 diameter minimum lap.
5. All exposed corners shall be chamfered  $\frac{3}{4}$ ".
6. Blow all water out of holes before bolting base plates and seal threads with pipe dope to prevent damage from freezing water.

RETAINING WALL - BAR LIST

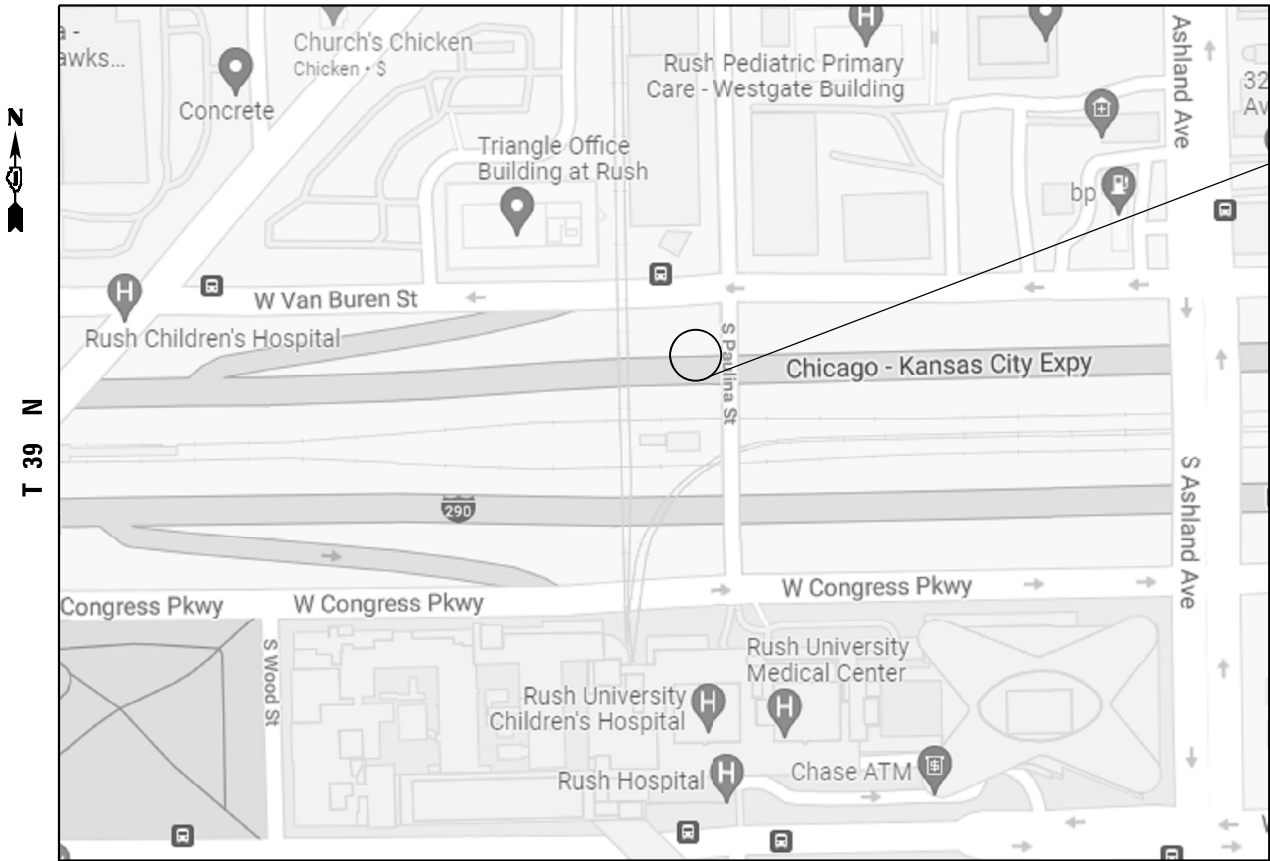
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d <sub>1</sub>	50	4	4-6	—	v	136	4	5-7	—
d <sub>2</sub>	90	5	6-0	$\frac{1}{2} \phi$	v <sub>1</sub>	136	4	7-4	—
d <sub>3</sub>	40	4	5-6	—	v <sub>2</sub>	108	4	9-4	—
f	14	4	5-6	$\frac{2-0}{3-0} \phi 45^\circ$	h	44	4	30-0	—
f <sub>1</sub>	136	5	3-6	—	h <sub>1</sub>	12	4	24-0	—
f <sub>2</sub>	22	4	30-0	—	h <sub>2</sub>	4	4	29-8	—
f <sub>3</sub>	14	4	23-0	—	h <sub>3</sub>	16	4	32-0	—
f <sub>4</sub>	8	4	13-0	—	h <sub>4</sub>	4	4	12-0	—



SECTION D-D

-FOR INFORMATION ONLY

R 14 E



LOCATION 11  
WB I-290  
WEST OF PAULINA AVE  
RIGHT SIDE



LOCATION 11. FULL DEPTH BARRIER WALL REPAIR  
REPLACE 6 FT OF PARAPET LOCATED AT I-290 WB  
AT WEST OF PAULINA AVE. RIGHT SIDE

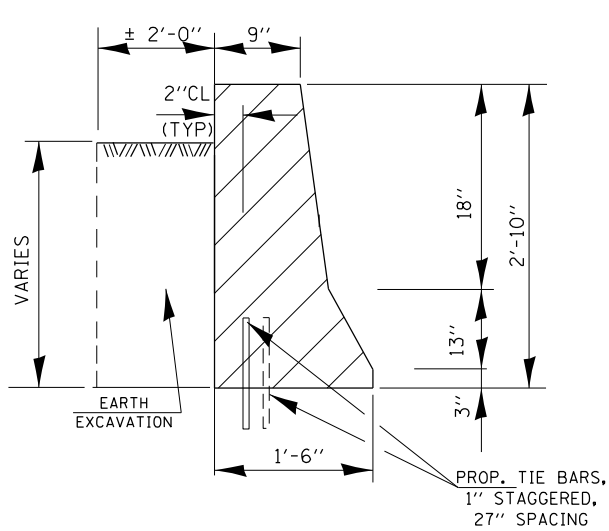
CITY OF CHICAGO  
WEST CHICAGO TOWNSHIP, COOK COUNTY

TRAFFIC DATA

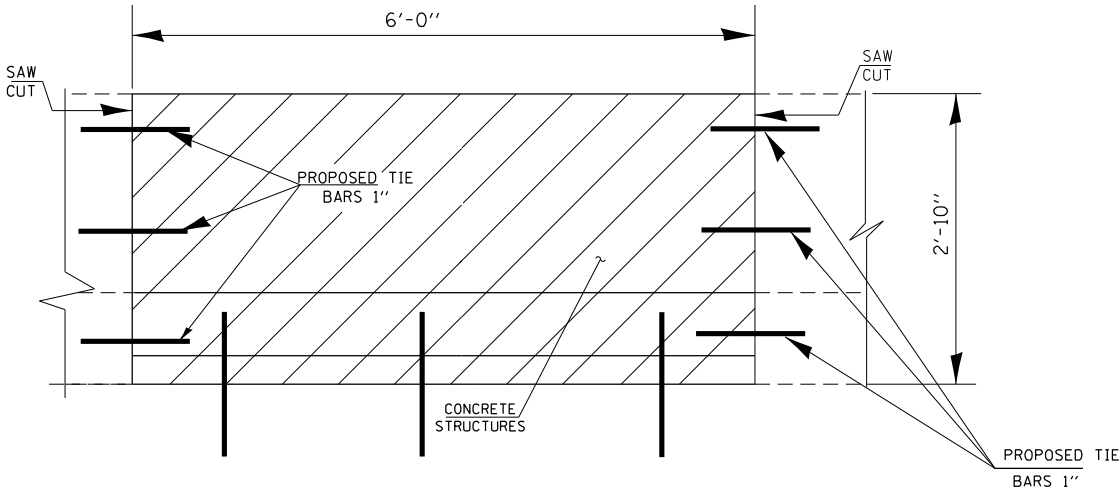
I-290  
2019 ADT = 193700  
SPEED LIMIT = 55 MPH

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	0.7
CONCRETE STRUCTURES	CU. YDS	0.7
TIE BARS	EACH	9
SAW CUT	FOOT	6
EARTH EXCAVATION	CU. YDS	1.1
TEMPORARY EROSION CONTROL BLANKET	SQ. YDS	1.5
TOPSOIL EXCAVATION AND PLACEMENT	CU. YDS	0.25
SEEDING CLASS 2A	ACRE	0.0003
PROTECTIVE COAT	SQ. YDS	2.5



SECTION THRU BARRIER WALL



ELEVATION

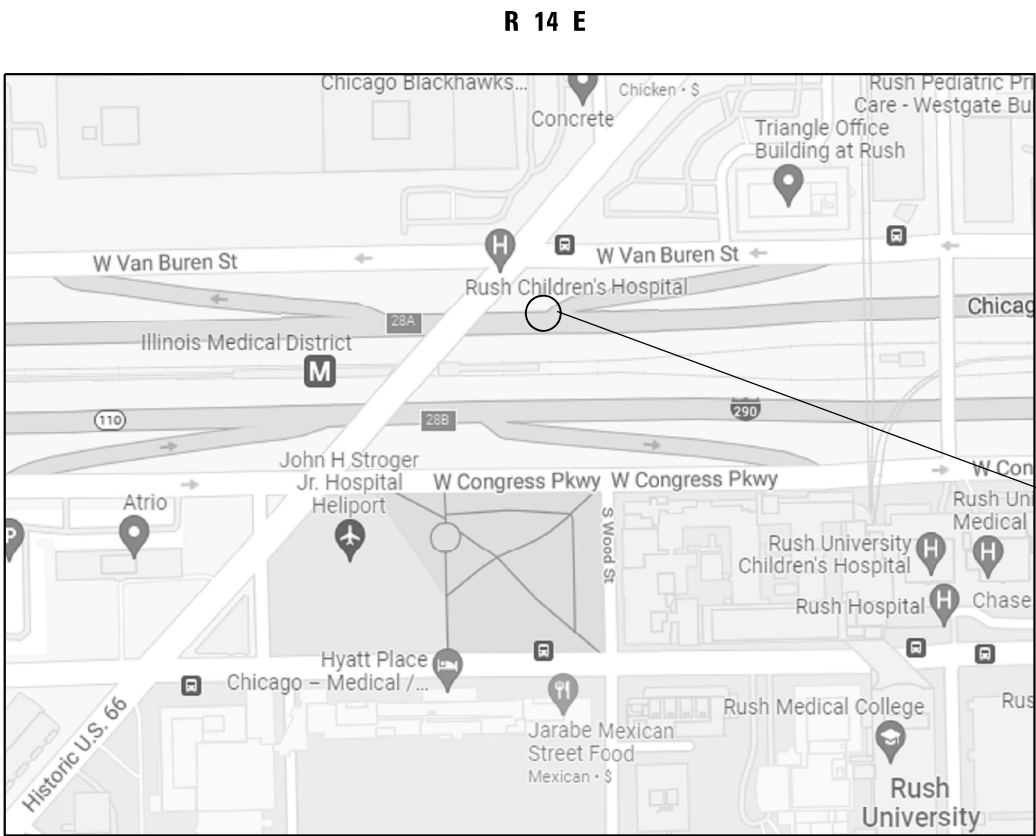
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DRAWN -	REVISOR -	
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 11 I-290 WB WEST OF PAULINA AVE			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	29
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				

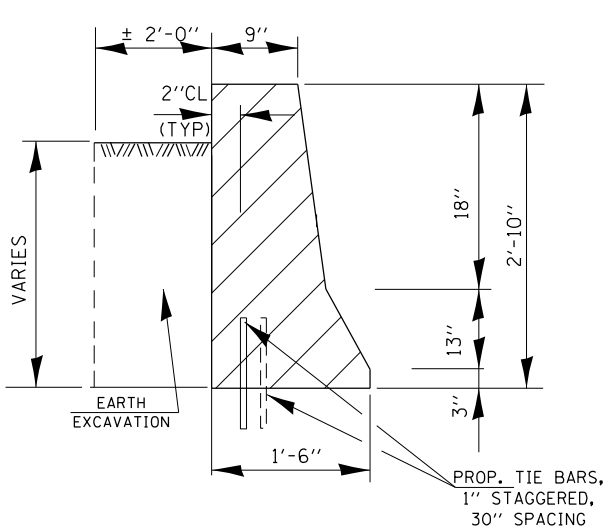


LOCATION 12  
WB I-290  
EAST OF OGDEN AVE  
RIGHT SIDE

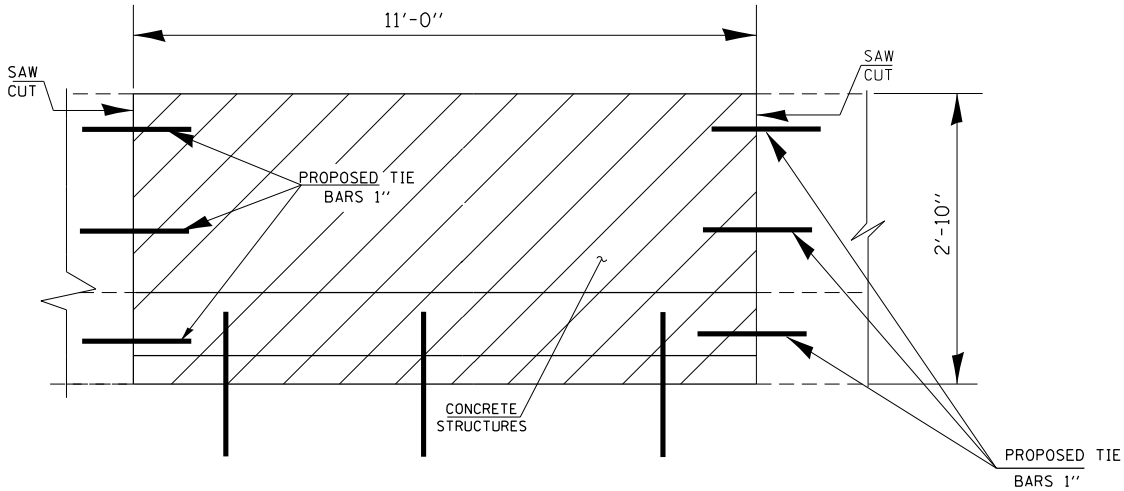


CITY OF CHICAGO  
WEST CHICAGO TOWNSHIP, COOK COUNTY

LOCATION 12. FULL DEPTH BARRIER WALL REPAIR  
REPLACE 11 FT OF PARAPET LOCATED AT I-290 WB  
AT EAST OF OGDEN AVE. RIGHT SIDE



SECTION THRU BARRIER WALL



ELEVATION

TRAFFIC DATA

I-290  
2019 ADT = 193700  
SPEED LIMIT = 55 MPH

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	1.25
CONCRETE STRUCTURES	CU. YDS	1.25
TIE BARS	EACH	11
SAW CUT	FOOT	6
EARTH EXCAVATION	CU. YDS	2.1
TEMPORARY EROSION CONTROL BLANKET	SQ. YDS	2.5
TOPSOIL EXCAVATION AND PLACEMENT	CU. YDS	0.40
SEEDING CLASS 2A	ACRE	0.0005
PROTECTIVE COAT	SQ. YDS	4.5

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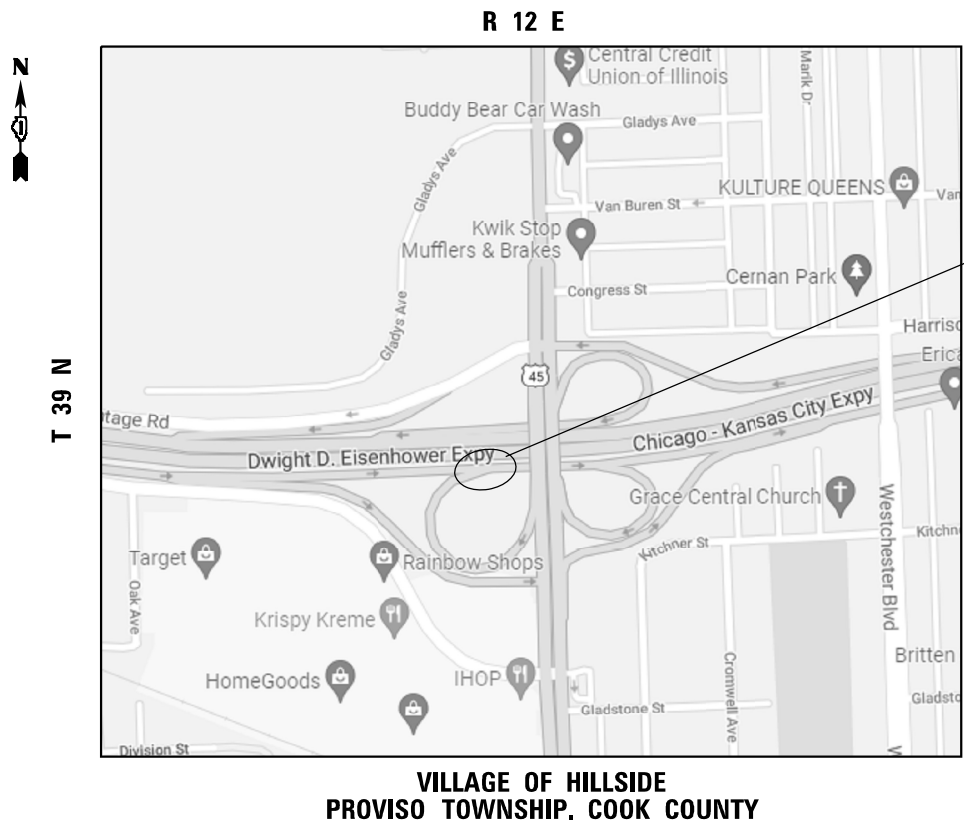
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 12 I-290 WB EAST OF OGDEN AVE			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	30
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				

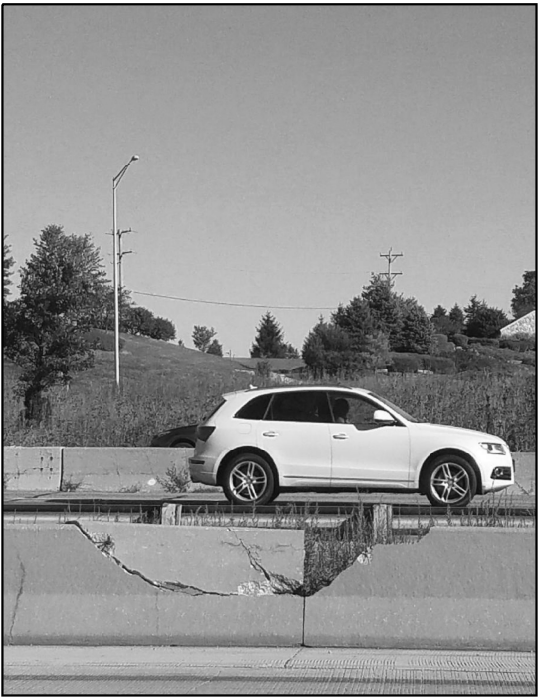




**LOCATION 14 & 15  
EB I-290  
WEST OF MANNHEIM RD  
IN LOCALS LEFT SIDE**

**TRAFFIC DATA**

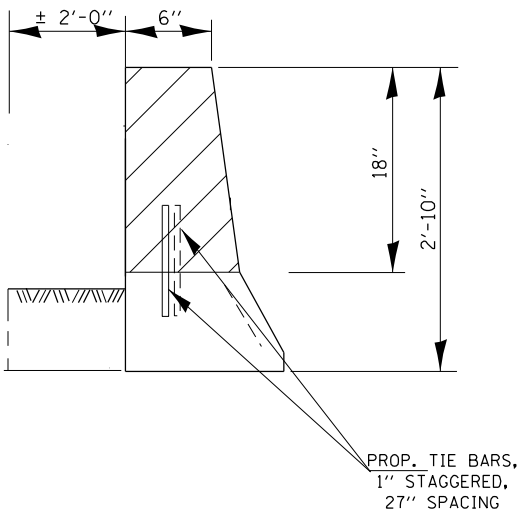
I-290  
2019 ADT = 148500  
SPEED LIMIT = 55 MPH



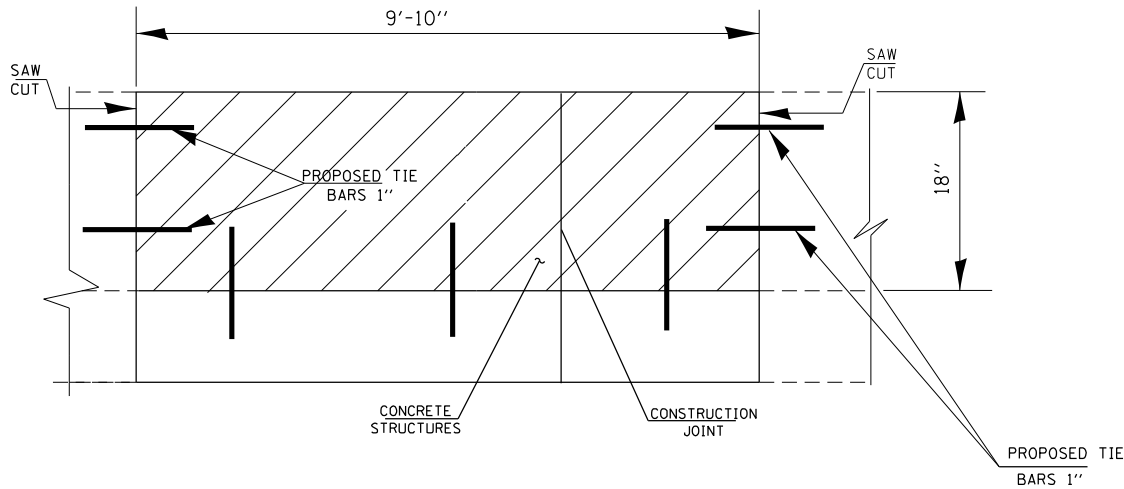
**LOCATION 14. PARTIAL DEPTH PARAPET REPAIR  
REPLACE APPROXIMATELY 9'-10" OF PARAPET  
LOCATED AT EB WEST OF MANNHEIM RD IN  
LOCALS LEFT SIDE**

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	0.35
CONCRETE STRUCTURES	CU. YDS	0.35
TIE BARS	EACH	9
SAW CUT	FOOT	3
PROTECTIVE COAT	SQ. YDS	2.3



**SECTION THRU BARRIER WALL**



**ELEVATION**

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DRAWN -	REVISED -	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

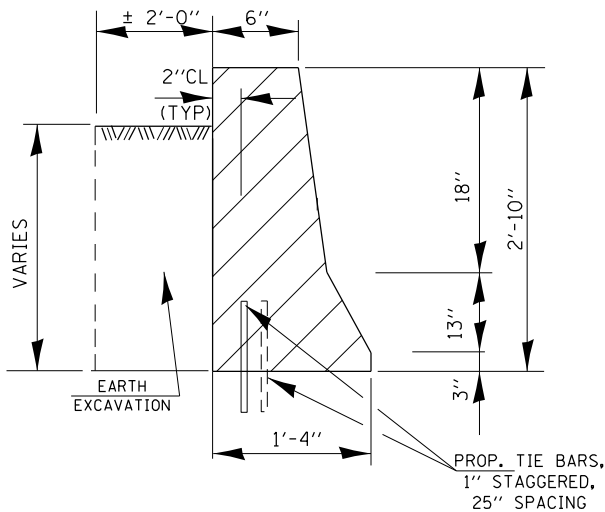
**LOCATION 14  
I-290 WEST OF MANNHEIM RD.**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

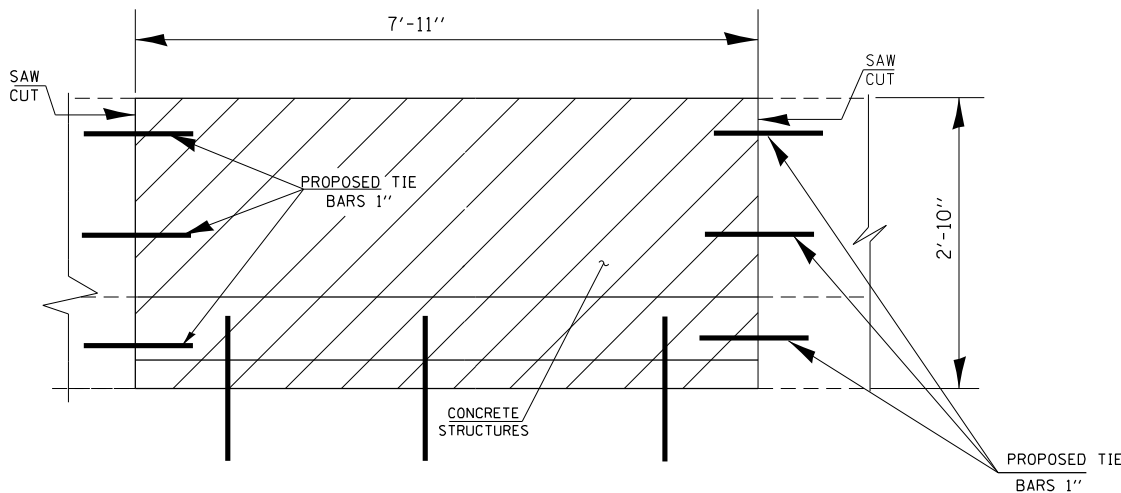
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	32
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				



LOCATION 15. FULL DEPTH PARAPET REPAIR  
REPLACE APPROXIMATELY 7'-11" OF PARAPET  
LOCATED AT EB WEST OF MANNHEIM RD IN  
LOCALS LEFT SIDE



SECTION THRU BARRIER WALL



ELEVATION

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	0.68
CONCRETE STRUCTURES	CU. YDS	0.68
TIE BARS	EACH	10
SAW CUT	FOOT	6
EARTH EXCAVATION	CU. YDS	1.4
TEMPORARY EROSION CONTROL BLANKET	SQ. YDS	1.8
TOPSOIL EXCAVATION AND PLACEMENT	CU. YDS	0.30
SEEDING CLASS 2A	ACRE	0.0004
PROTECTIVE COAT	SQ. YDS	3.0

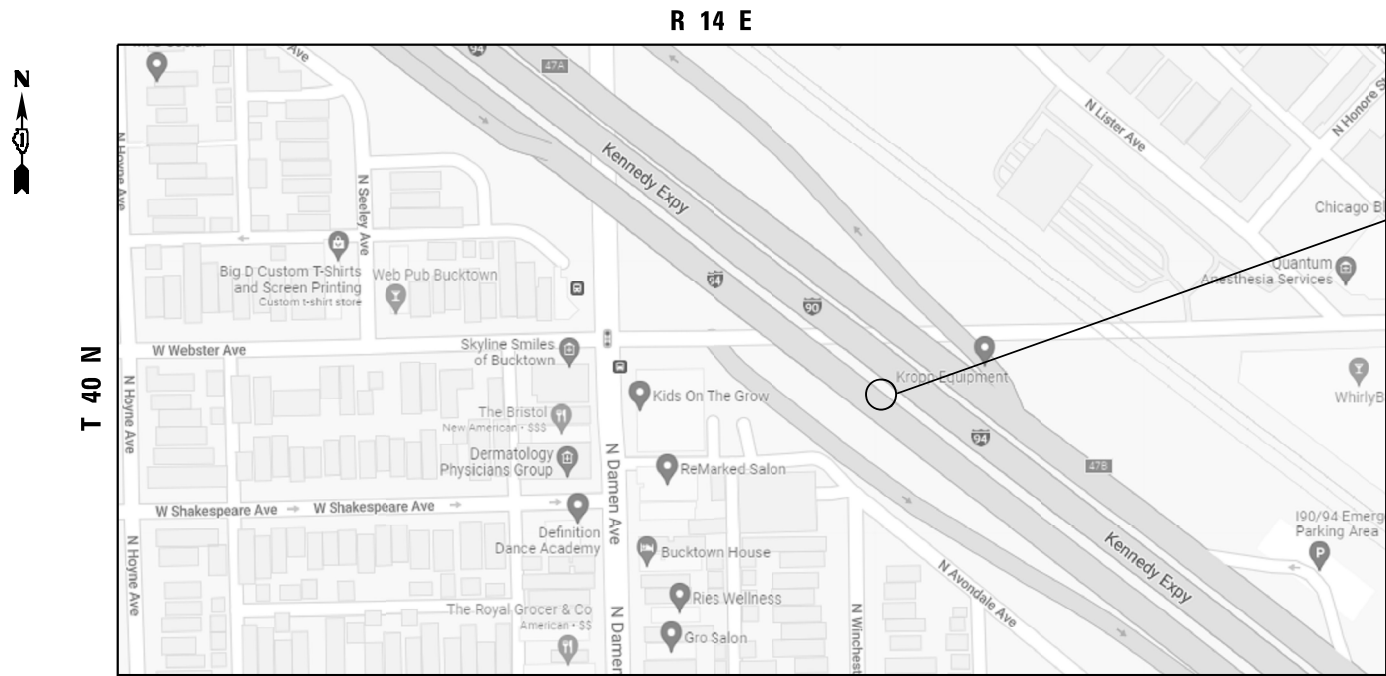
TRAFFIC DATA

I-290  
2019 ADT = 148500  
SPEED LIMIT = 55 MPH

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		DRAWN -	REVISED -				VAR.	2021 223 BW	COOK	52	33
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 62R39				
	PLOT DATE = 3/4/2022	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 2	OF 2	SHEETS	STA.	TO STA.					



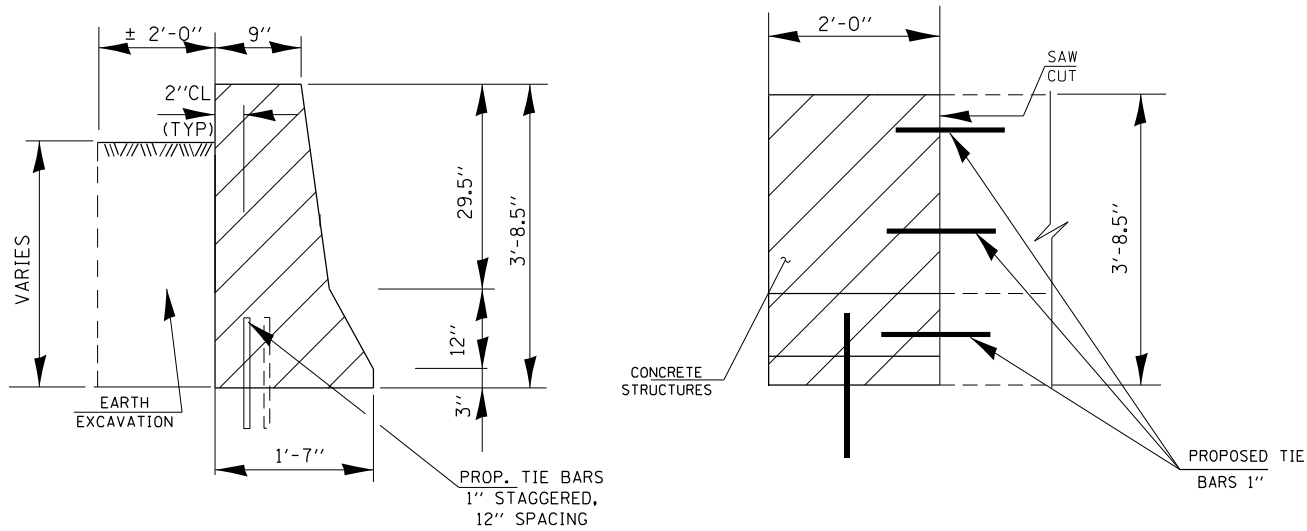


LOCATION 16  
SB I-90/94  
AT WEBSTER AVE

CITY OF CHICAGO  
WEST CHICAGO TOWNSHIP, COOK COUNTY



LOCATION 16. FULL DEPTH BARRIER WALL REPAIR  
REPLACE 2 FT OF PARAPET LOCATED AT I-90/94 SB  
AT WEBSTER AVE.



SECTION THRU BARRIER WALL

ELEVATION

TRAFFIC DATA

I-90/94  
2019 ADT = 247800  
SPEED LIMIT = 55 MPH

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	0.27
CONCRETE STRUCTURES	CU. YDS	0.27
TIE BARS	EACH	5
SAW CUT	FOOT	7.5
EARTH EXCAVATION	CU. YDS	0.4
TEMPORARY EROSION CONTROL BLANKET	SQ. YDS	0.45
TOPSOIL EXCAVATION AND PLACEMENT	CU. YDS	0.07
SEEDING CLASS 2A	ACRE	0.0001
PROTECTIVE COAT	SQ. YDS	1.05

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	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

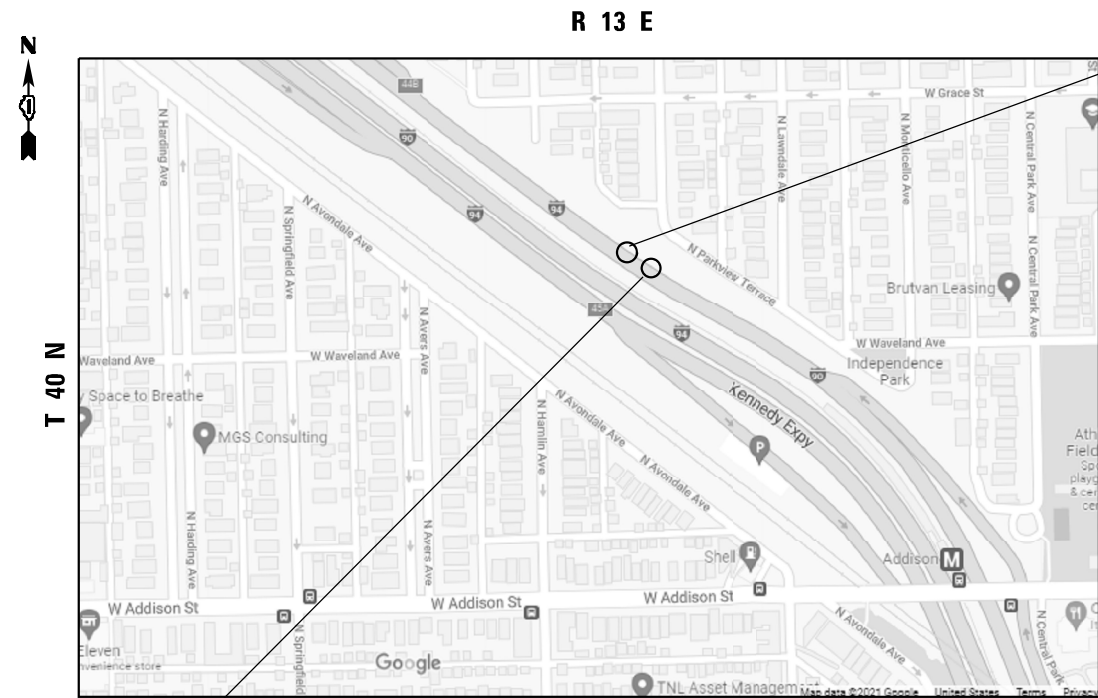
LOCATION 16  
I-90/94 AT WEBSTER AVE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	34
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				



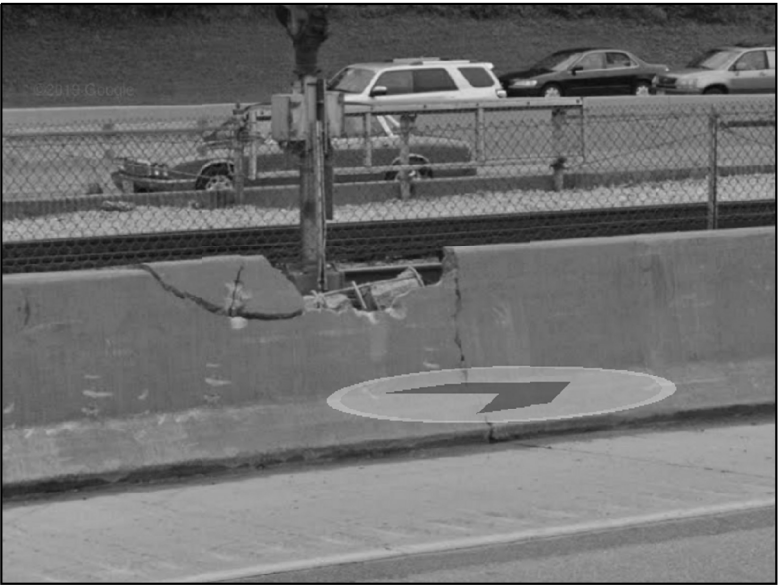




LOCATION 18A  
NB I-90/94  
NORTH OF ADDISON ST  
LEFT SIDE ADJASENT TO CTA

CITY OF CHICAGO  
JEFFERSON TOWNSHIP, COOK COUNTY

LOCATION 18B  
NB I-90/94  
NORTH OF ADDISON ST  
LEFT SIDE ADJASENT TO CTA



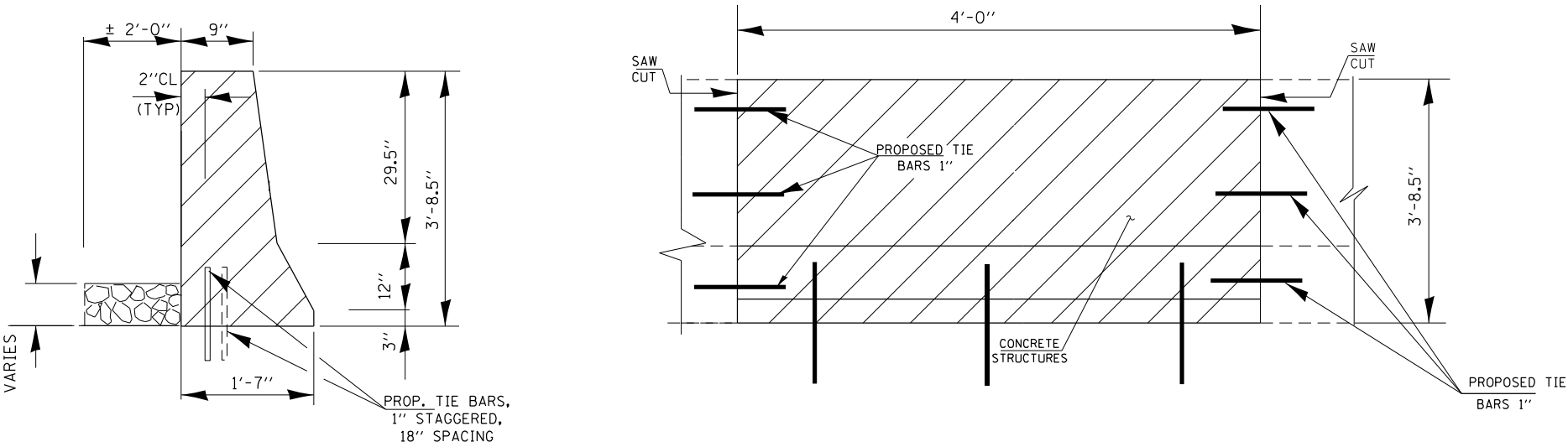
LOCATION 18A. FULL DEPTH BARRIER WALL REPAIR  
REPLACE 4 FT OF PARAPET LOCATED AT I-90/94 NB  
AT NORTH OF ADDISON ST. LEFT SIDE

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	0.54
CONCRETE STRUCTURES	CU. YDS	0.54
TIE BARS	EACH	9
SAW CUT	FOOT	6
PROTECTIVE COAT	SQ. YDS	2.1
RPLI	L SUM	0.12

TRAFFIC DATA

I-90/94  
2019 ADT = 250000  
SPEED LIMIT = 55 MPH



SECTION THRU BARRIER WALL

ELEVATION

MODEL: Default  
FILE: 2021 223 BW  
PROJECT: 2021 223 BW  
DRAWING: 2021 223 BW  
SHEET: 36  
DATE: 2/10/2022

USER NAME = hassan	DESIGNED -	REVISED -
PLOT SCALE = 100,000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 18A I-90/94 AT ADDISON STREET			
SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	36
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				



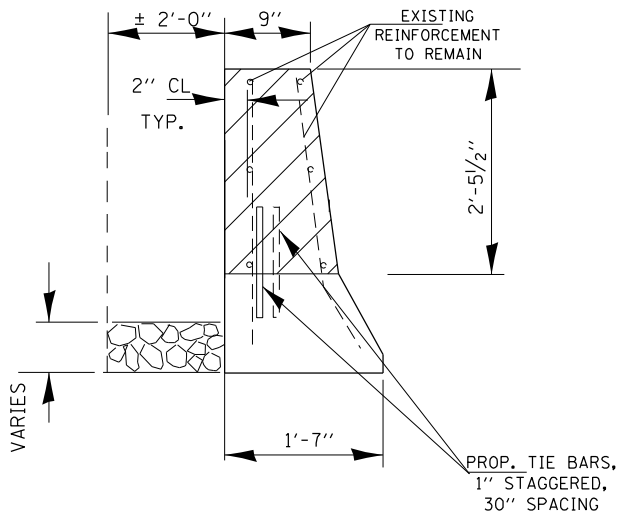
LOCATION 18B. PARTIAL DEPTH BARRIER WALL REPAIR  
REPLACE 13 FT OF PARAPET LOCATED AT I-90/94 NB  
AT NORTH OF ADDISON ST. LEFT SIDE

TRAFFIC DATA

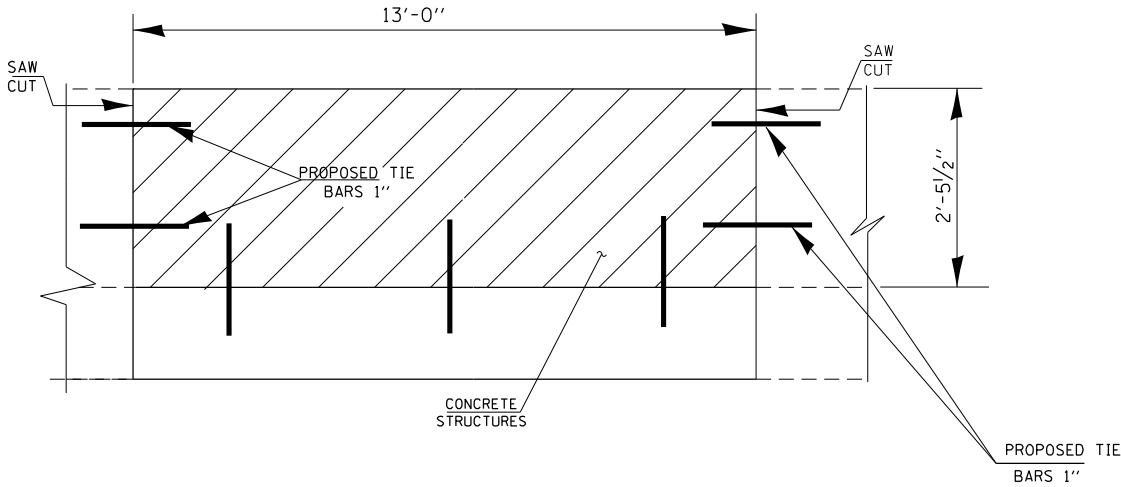
I-90/94  
2019 ADT = 250000  
SPEED LIMIT = 55 MPH

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	1.0
CONCRETE STRUCTURES	CU. YDS	1.0
TIE BARS	EACH	9
SAW CUT	FOOT	5
PROTECTIVE COAT	SQ. YDS	4.7
RPLI	L SUM	0.13



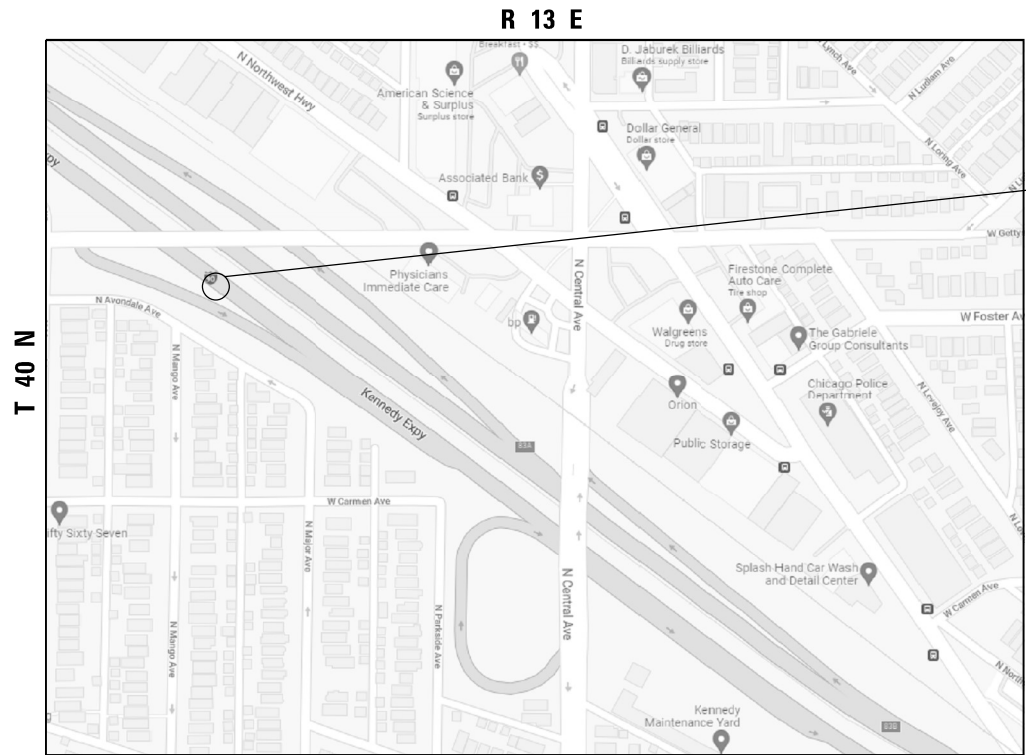
SECTION THRU BARRIER WALL



ELEVATION

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		DRAWN    -	REVISED   -						VAR.	2021 223 BW		LAKE	52	37	
		CHECKED   -	REVISED   -						CONTRACT NO. 62R39						
	PLOT SCALE   = 100,0000 ' / in.				SCALE:				SHEET   2	OF   2	SHEETS	STA.	TO STA.		
	PLOT DATE   = 2/10/2022	DATE       -	REVISED   -		ILLINOIS   FED. AID PROJECT										

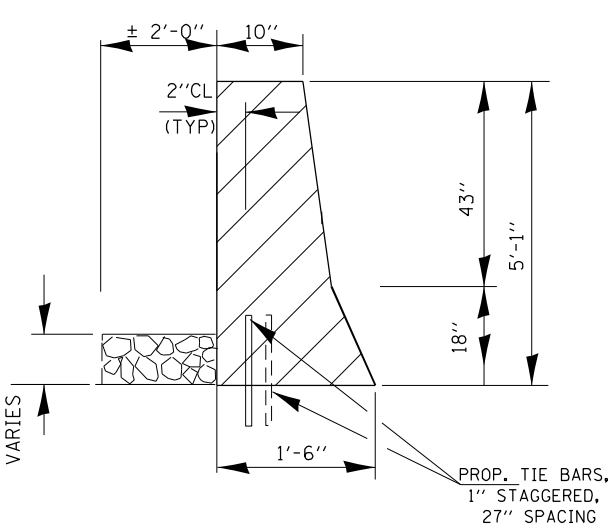


LOCATION 19  
NWB I-90  
AT FOSTER AVE.

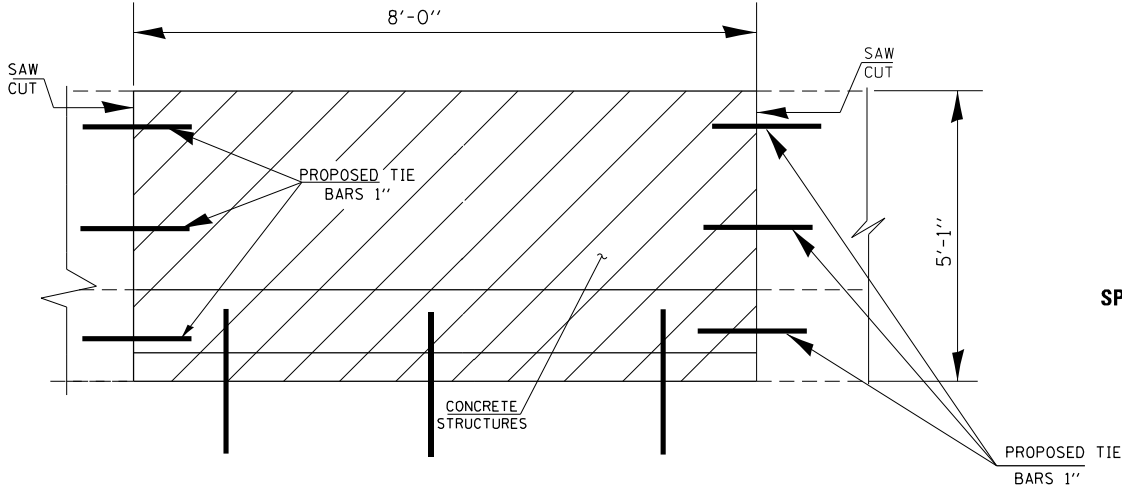


LOCATION 19. FULL DEPTH BARRIER WALL REPAIR  
REPLACE 8 FT OF PARAPET LOCATED AT I-90/94 NWB  
AT SOUTH OF FOSTER AVE. LEFT SIDE

CITY OF CHICAGO  
JEFFERSON TOWNSHIP. COOK COUNTY



SECTION THRU BARRIER WALL



ELEVATION

TRAFFIC DATA

I-90  
2019 ADT = 149900  
SPEED LIMIT = 55 MPH

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	1.55
CONCRETE STRUCTURES	CU. YDS	1.55
TIE BARS	EACH	10
SAW CUT	FOOT	11
PROTECTIVE COAT	SQ. YDS	5.5
RPLI	L SUM	0.25

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PROJECT: 2021 223 BW 190 94 CADD Data Design sheet.dgn  
PROJECT: 2021 223 BW 190 94 CADD Data Design sheet.dgn

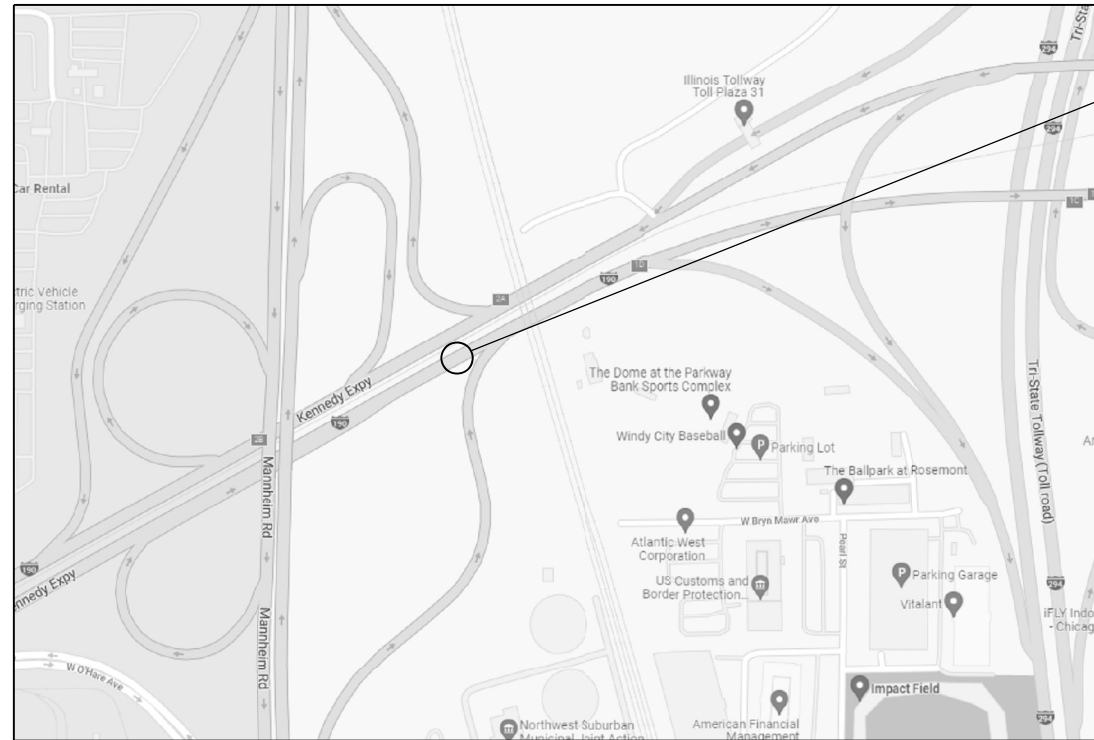
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PLOT DATE = 3/4/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 19 I-90 AT FOSTER AVE			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	38
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				

**T 40 N**

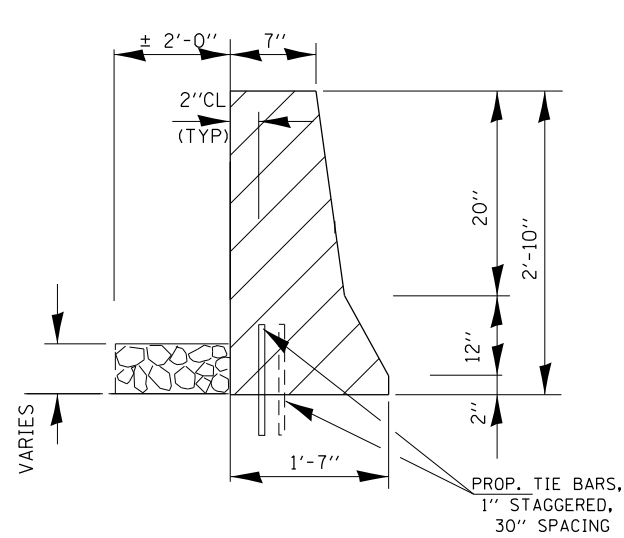


LOCATION 20  
EB I-190  
NEAR MANNHEIM RD

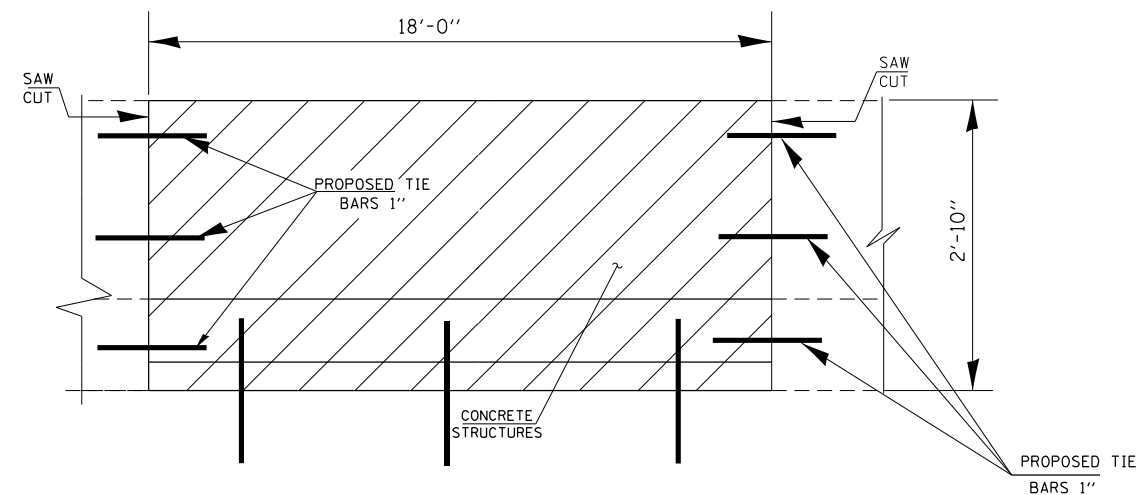


**CITY OF CHICAGO  
JEFFERSON TOWNSHIP, COOK COUNTY**

**LOCATION 20. FULL DEPTH PARAPET REPAIR  
REPLACE APPROXIMATELY 18 FT OF PARAPET  
LOCATED AT EB EAST OF MANNHEIM RD LEFT SIDE**



### SECTION THRU BARRIER WALL



### ELEVATION

## 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
PROTECTIVE COAT	SQ. YDS	7.2
CTA FENCE	FOOT	30
RPLI	L SUM	0.25

## TRAFFIC DATA

I-90  
2019 ADT = 130100  
SPEED LIMIT = 55 MPH

USER NAME = hassann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

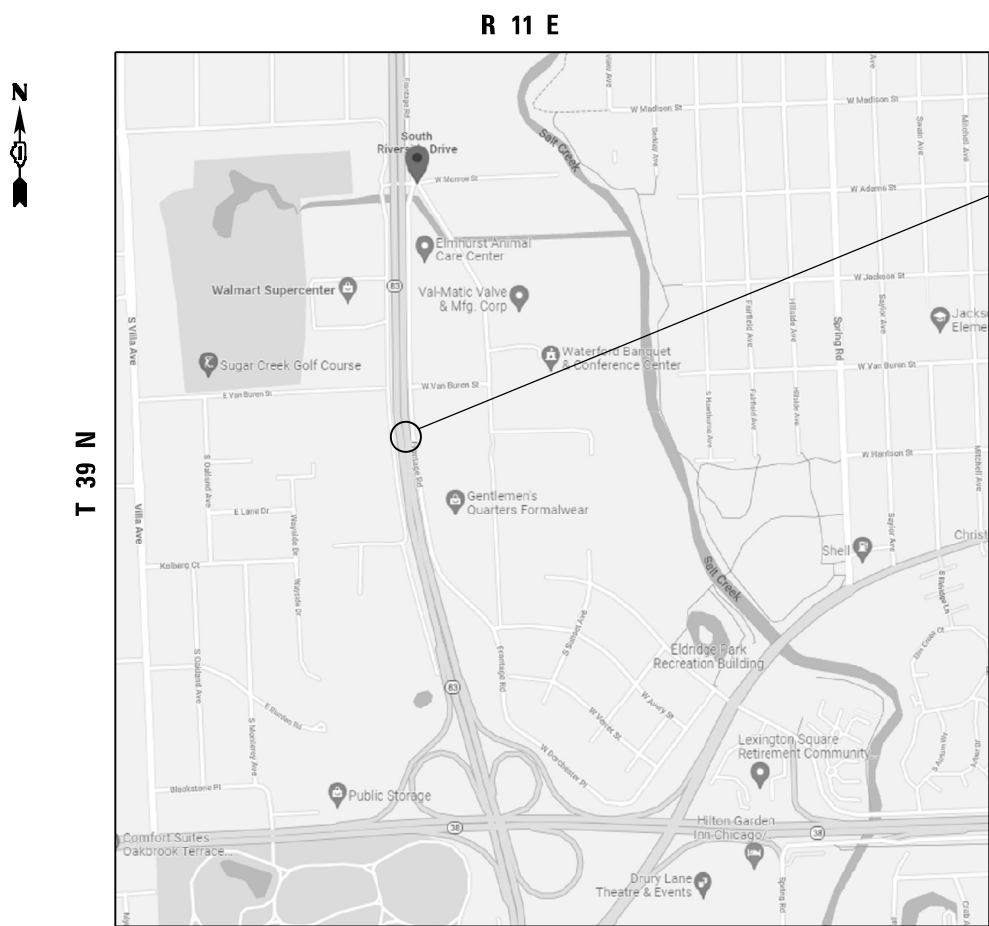
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 20**  
**I-90 AT MANNHEIM RD**

SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	COOK	52	39
		CONTRACT NO. 62R39		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default  
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VILLAGE OF ELMHURST  
YORK TOWNSHIP. DUPAGE COUNTY

LOCATION 21  
IL-83  
MEDIAN BETWEEN  
RIVERSIDE DR. AND IL-38



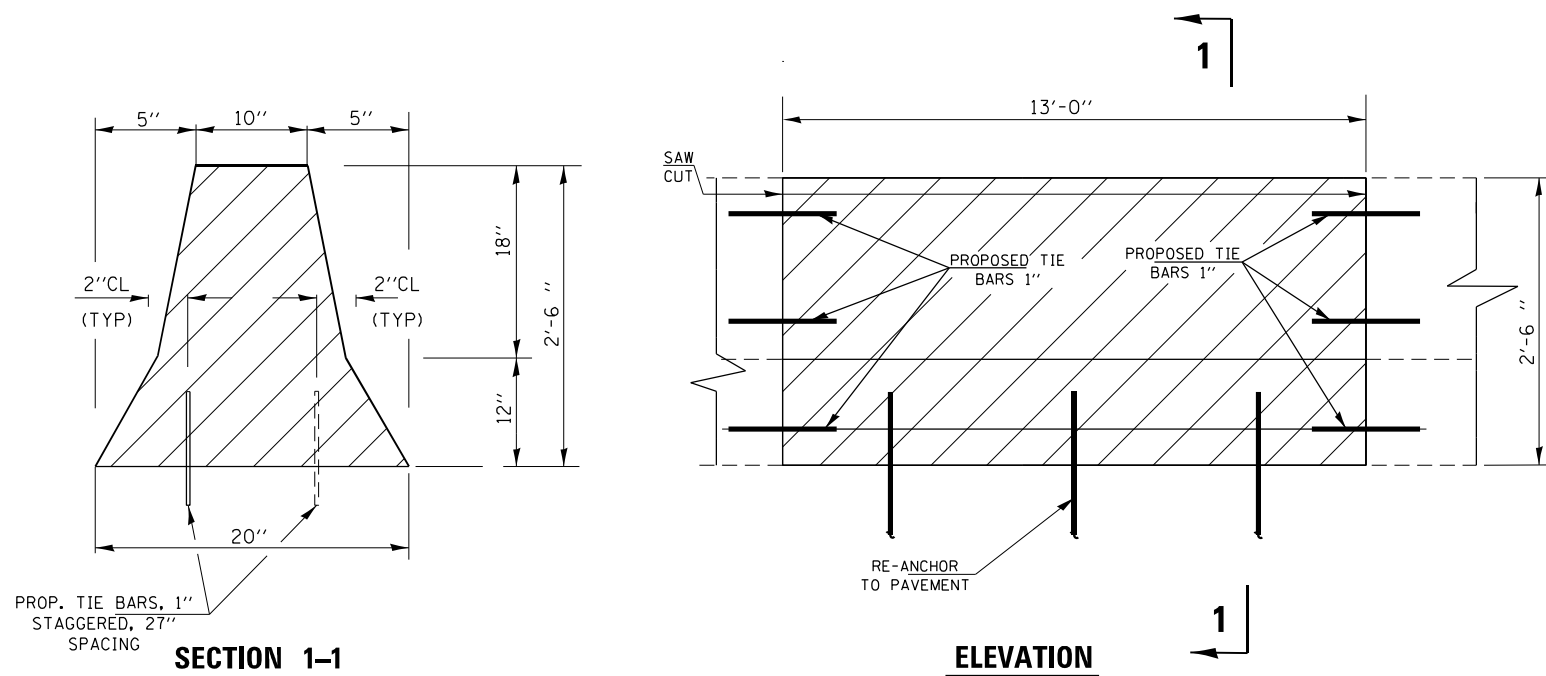
LOCATION 21. FULL DEPTH BARRIER WALL REPAIR  
REPLACE 13 FT OF PARAPET LOCATED AT ILL 83 MEDIAN  
BETWEEN RIVERSIDE DR AND IL 38

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	1.3
CONCRETE STRUCTURES	CU. YDS	1.3
TIE BARS	EACH	12
SAW CUT	FOOT	5
PROTECTIVE COAT	SQ. YDS	9

TRAFFIC DATA

IL 83  
2019 ADT = 66500  
SPEED LIMIT = 45 MPH



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PROJECT: 1101  
SHEET: 40  
DATE: 2/10/2022

SECTION 1-1

ELEVATION

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 21  
IL 83 BETWEEN RIVERSIDE DR AND IL 38

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	DUPAGE	52	40
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				

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

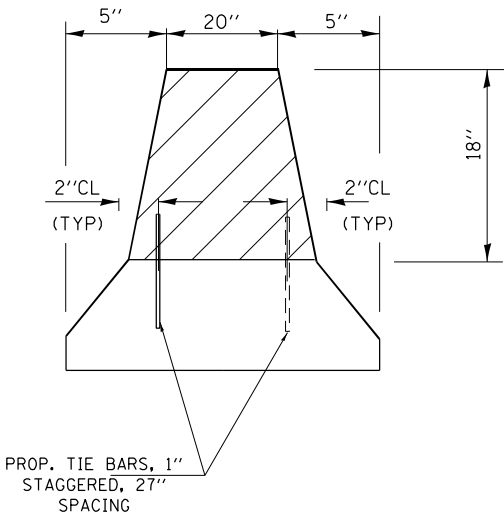




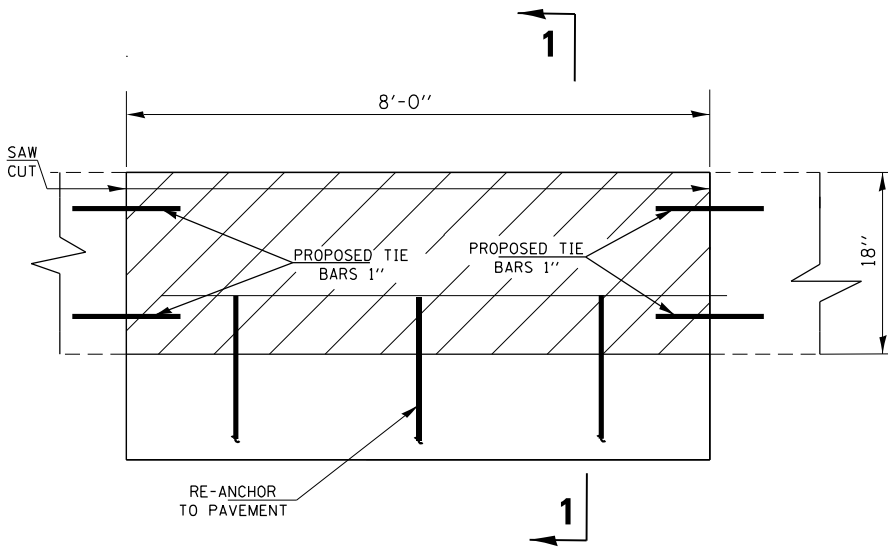
VILLAGE OF WILLOWBROOK  
DOWNERS GROVE TOWNSHIP  
DUPAGE COUNTY



LOCATION 22. PARTIAL DEPTH BARRIER WALL REPAIR  
REPLACE 8 FT OF PARAPET LOCATED AT ILL 83 MEDIAN  
BETWEEN 63rd ST AND 55th ST



SECTION 1-1



ELEVATION

TRAFFIC DATA

IL 83  
2019 ADT = 55700  
SPEED LIMIT = 45-55 MPH

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YDS	0.8
CONCRETE STRUCTURES	CU. YDS	0.8
TIE BARS	EACH	12
SAW CUT	FOOT	3
PROTECTIVE COAT	SQ. YDS	6.7

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DRAWN -	REVISED -	
PLOT SCALE = 100,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 22 IL 83 BETWEEN 63rd ST AND 55th ST			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	DUPAGE	52	41
CONTRACT NO. 62R39				
ILLINOIS		FED. AID PROJECT		

N  
T 38 N

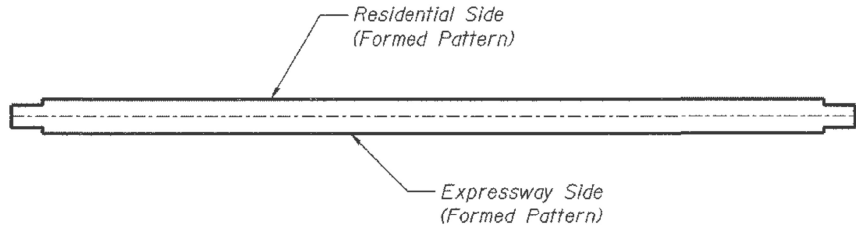
R 11 E



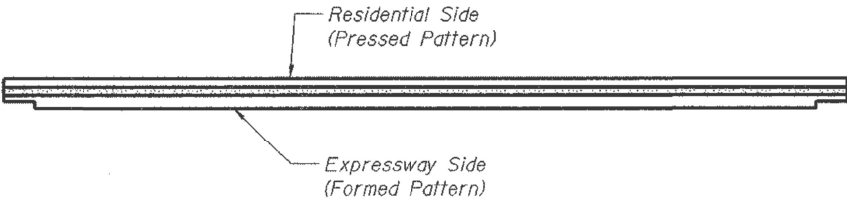
DURISOL TYPE WALL  
REPLACE 14.5 FT X 3FT PANEL

LOCATION 23  
IL-83 NB  
BETWEEN  
55th ST. AND 63rd ST.

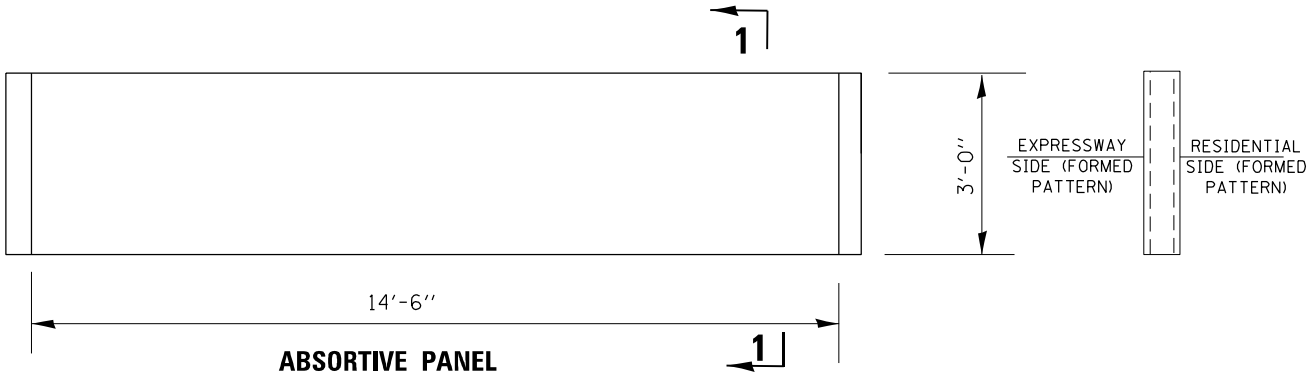
VILLAGE OF HINSDALE  
DOWNERS GROVE TOWNSHIP  
DUPAGE COUNTY



SECTION B-B THRU PRECAST PANEL



SECTION B-B THRU ABSORPTIVE PANEL



ABSORPTIVE PANEL

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.16
TOP SOIL EXCAVATION AND PLACEMENT	CU. YDS	0.54
SEEDING CLASS 2A	ACRE	0.0004
TEMPORARY EROSION CONTROL BLANKET	SQ. YDS	2.1

TRAFFIC DATA

IL 83  
2019 ADT = 55700  
SPEED LIMIT = 45-55 MPH

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.

MODEL: Default  
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PLOT DATE = 2/10/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 23		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL 83 BETWEEN 63rd ST AND 55th ST		VAR.	2021 223 BW	DUPAGE	52	42
SCALE:		SHEET 1 OF 1 SHEETS		CONTRACT NO. 62R39		
		STA. TO STA.		ILLINOIS FED. AID PROJECT		



Model: Default  
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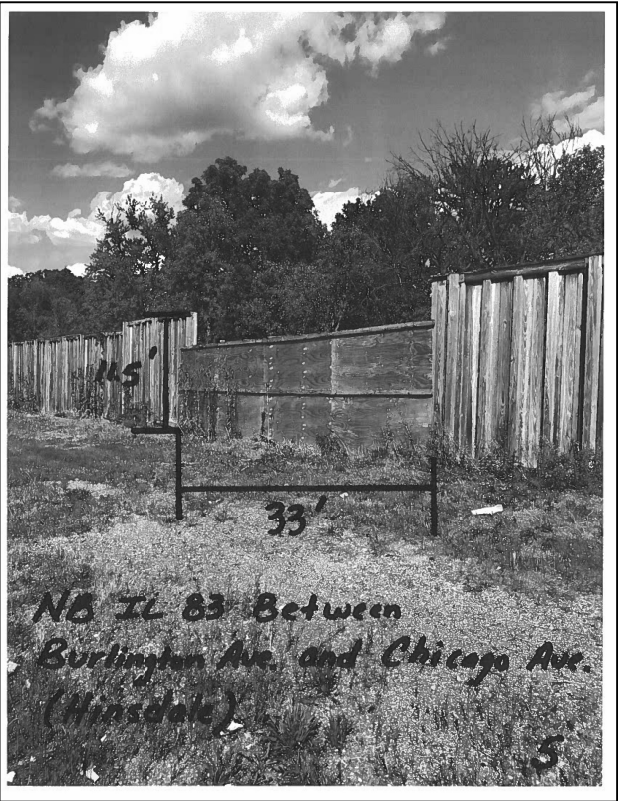
VILLAGE OF HINSDALE  
DOWNERS GROVE TOWNSHIP  
DUPAGE COUNTY

LOCATION 25  
IL-83 NB BETWEEN  
BURLINGTON AVE.  
AND CHICAGO AVE.

LOCATION 24  
IL-83 NB AT  
HINSDALE AVE



LOC 24. WOOD NOISE WALL  
REPLACE 15 FT X 8 FT WOOD PANEL



LOC 25. WOOD NOISE WALL  
REPLACE 33 FT X 11.5 FT WOOD PANEL

TRAFFIC DATA

IL 83  
2019 ADT = 59600  
SPEED LIMIT = 55 MPH

BILL OF MATERIALS

ITEM	UNIT	QUANTITY	
		LOC. 24	LOC. 25
NOISE ABATEMENT WALL REPAIR	L SUM	0.16	0.16
TOP SOIL EXCAVATION AND PLACEMENT	CU. YDS	0.55	1.25
SEEDING CLASS 2A	ACRE	0.0007	0.0015
TEMPORARY EROSION CONTROL BLANKET	SQ. YDS	3.3	7.3

NOTE

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

USER NAME = hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 24 AND 25 IL 83 AT HINSDALE AVE & BETWEEN BURLINGTON AVE & CHICAGO AVE			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	DUPAGE	52	43
				CONTRACT NO. 62R39
		ILLINOIS	FED. AID PROJECT	



**VILLAGE OF VILLA PARK  
YORK TOWNSHIP  
DUPAGE COUNTY**

**WOOD NOISE WALL  
REPLACE 18 FT X 10 FT WOOD PANEL**

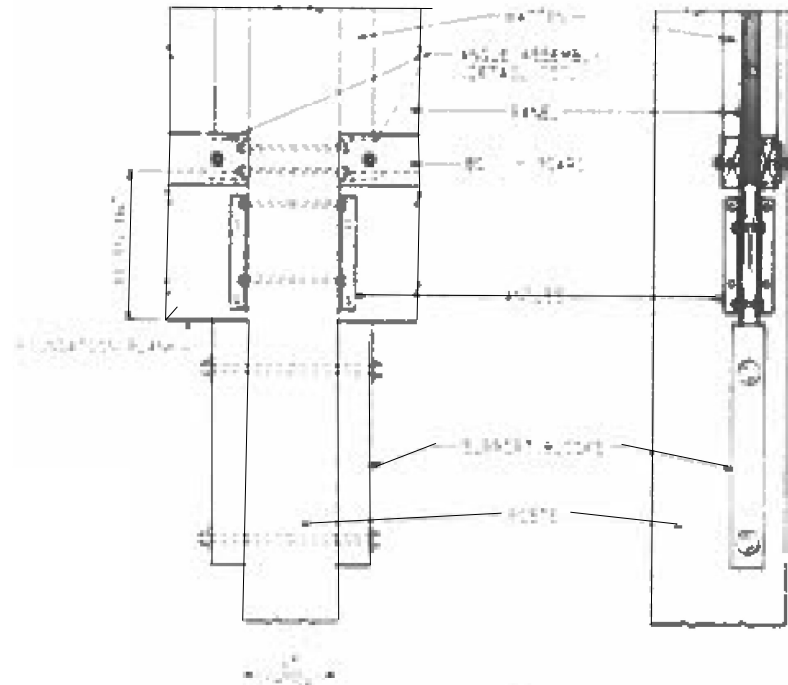
ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.16
TOP SOIL EXCAVATION AND PLACEMENT	CU. YDS	0.67
SEEDING CLASS 2A	ACRE	0.0008
TEMPORARY EROSION CONTROL BLANKET	SQ. YDS	4

**NOTE**

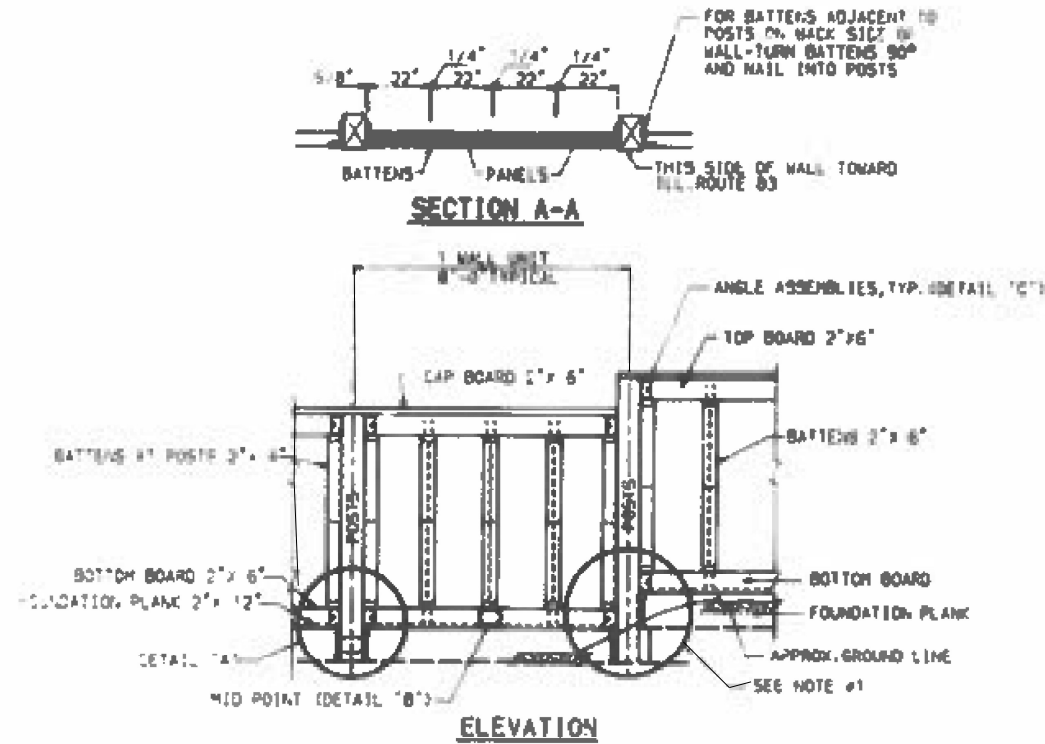
REMOVAL OF EXISTING NON-DAMAGED OR DAMAGED PANELS  
IS INCLUDED IN THE COST OF NOISE ABATEMENT WALL REPAIR.

**LOCATION 26**  
**IL 83 AT HIGHLAND AVE**

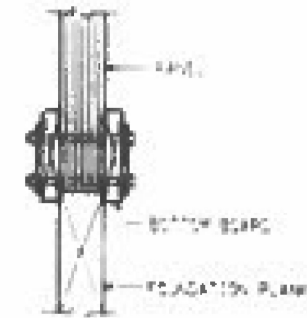
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	DUPAGE	52	44
		CONTRACT NO. 62R39		
		ILLINOIS	FED. AID PROJECT	



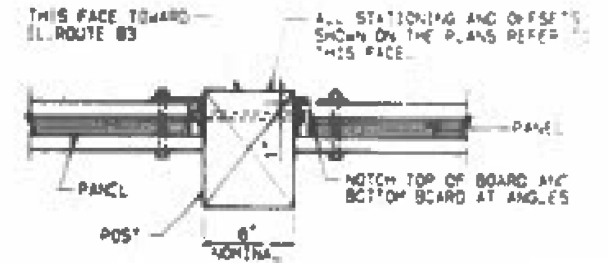
DETAIL A



WOOD POST LAMINATE NOISE ABATEMENT WALL



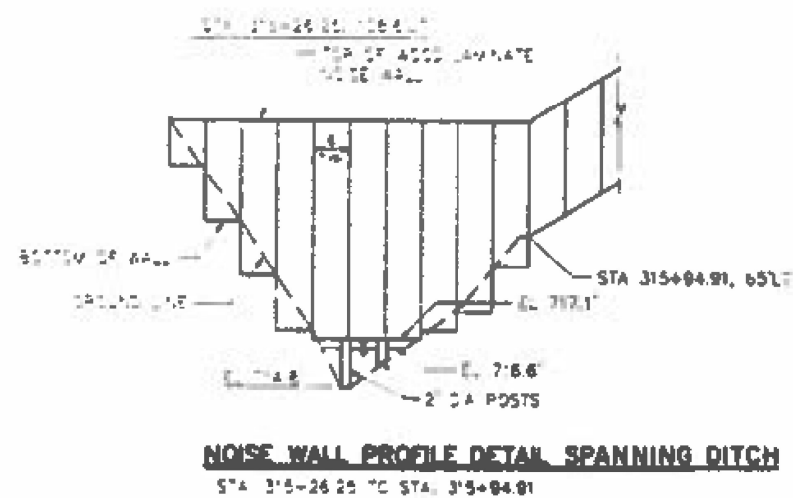
DETAIL B



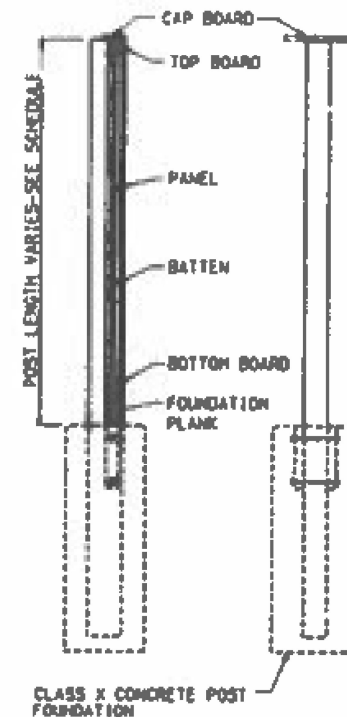
DETAIL C

NOTES:

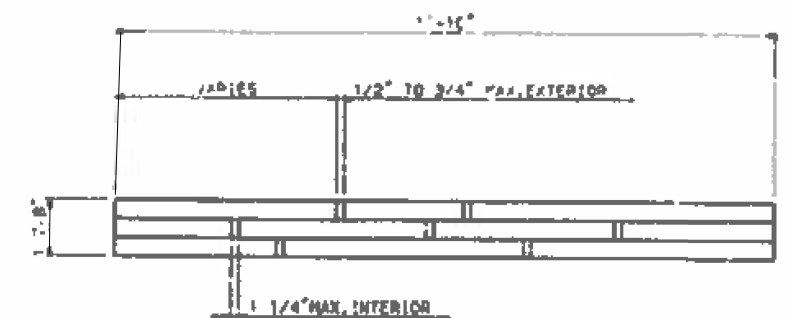
1. WHEN A DIFFERENCE IN ELEVATION EXISTS BETWEEN BOTTOM BOARDS, TOP BOARDS OR FOUNDATION PLANKS ON OPPOSITE SIDES OF A POST, IT WILL BE NECESSARY TO REVISE THE INSTALLATION OF BOLTS AS SHOWN IN DETAILS A AND C. USE CUT WASHER WHEN FREE END OF BOLT DOES NOT ATTACH TO A METAL ANGLE ON THE OPPOSITE SIDE OF POST. NOTCH BOTTOM BOARD, TOP BOARD OR BATTEN ACCORDINGLY.
2. ALL METAL, INCLUDING NAILS, NUTS, BOLTS, WASHERS, PLATES AND ANGLES, SHALL CONFORM TO SECTION 210 OF THE STD. SPECIFICATIONS AS APPLICABLE, AND TO THE SPECIAL PROVISIONS.
3. SHOP DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 105.03 OF THE STANDARD SPECIFICATIONS.
4. ALL DRILLED HOLES WILL BE SMOODED WITH TWO #2 COATS OF THE SAME PRESERVATIVE AS USED WITH THE PRESERVE TREATMENT.
5. ALL LUMBER SIZES ARE GIVEN IN NOMINAL DIMENSIONS.
6. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SHOWING CONNECTION DETAILS FOR LOCATIONS WHERE THE PROPOSED NOISE ABATEMENT WALL IS TO BE ATTACHED TO RETAINING WALL, AND/OR BRIDGE PARAPETS.
7. THE NOISE ABATEMENT WALL INCLUDING WALL UNITS, POSTS, CONCRETE POST FOUNDATIONS, AND APPURTENANCES SHALL BE DESIGNED BY THE CONTRACTOR FOR A WIND LOAD OF 30 LB./S.F.



NOISE WALL PROFILE DETAIL SPANNING DITCH



POST DETAIL



PANEL LAMINATION DETAIL

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 26  
IL 83 HIGHLAND PARK

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	DUPAGE	52	45
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				

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NOTE

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

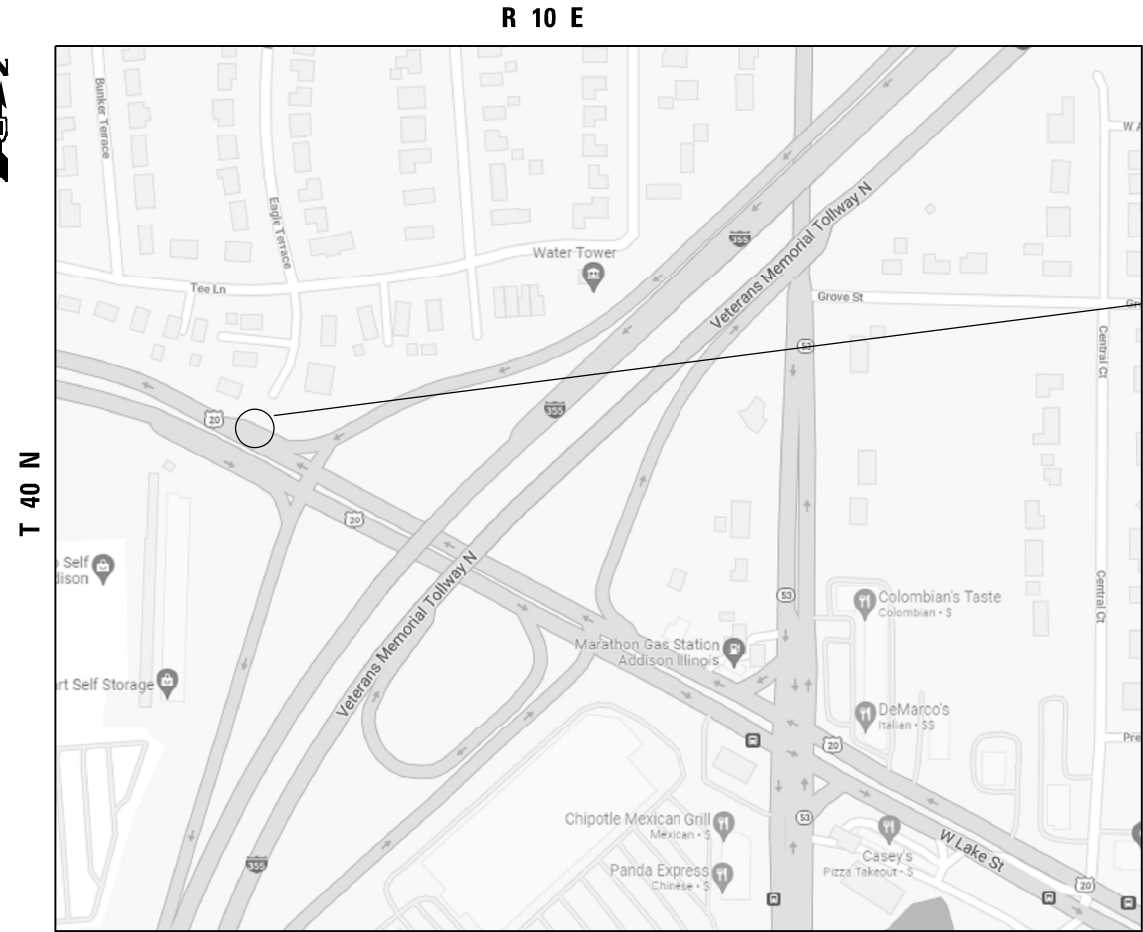
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		DRAWN	-	REVISED	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 2/10/2022	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 27  
US 20 WB AT I-355

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	DUPAGE	52	46
CONTRACT NO. 62R39				
		ILLINOIS	FED. AID PROJECT	



VILLAGE OF ADDISON  
BLOOMINGDALE TOWNSHIP  
DUPAGE COUNTY

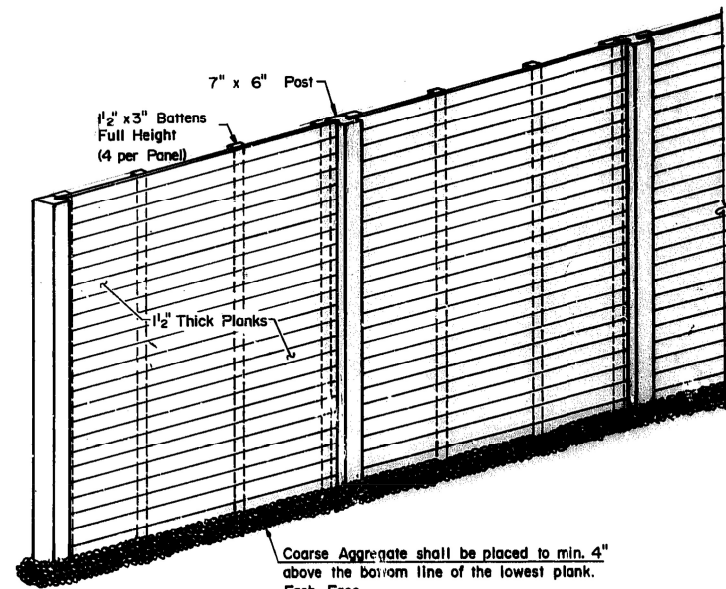
LOCATION 27  
US-20 WB AT I-355



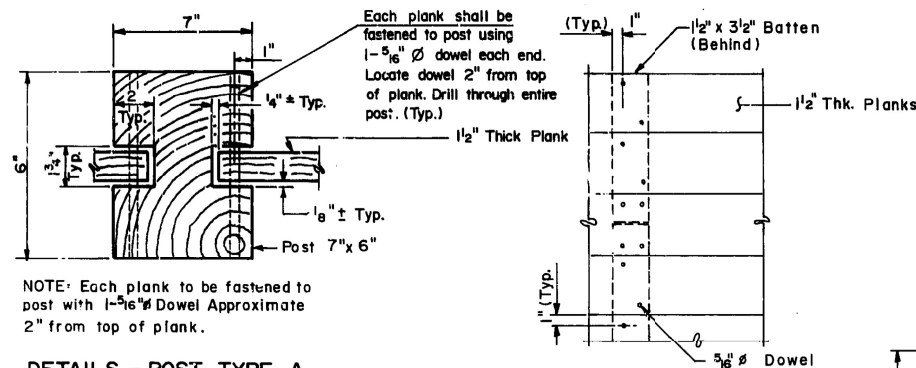
WOOD LAMINATE NOISE WALL  
REPLACE 17 FT X 9 FT WOOD PANEL  
AND ONE POST

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
NOISE ABATEMENT WALL REPAIR	L SUM	0.17
TOP SOIL EXCAVATION AND PLACEMENT	CU. YDS	1
SEEDING CLASS 2A	ACRE	0.0008
TEMPORARY EROSION CONTROL BLANKET	SQ. YDS	8
EARTH EXCAVATION	CU. YDS	1

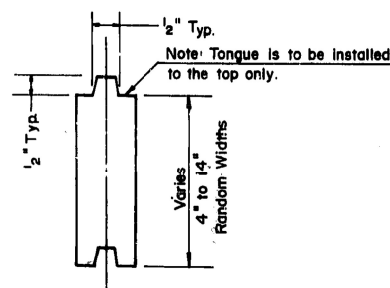


**ISOMETRIC VIEW**  
Showing Roadway Face of Wall

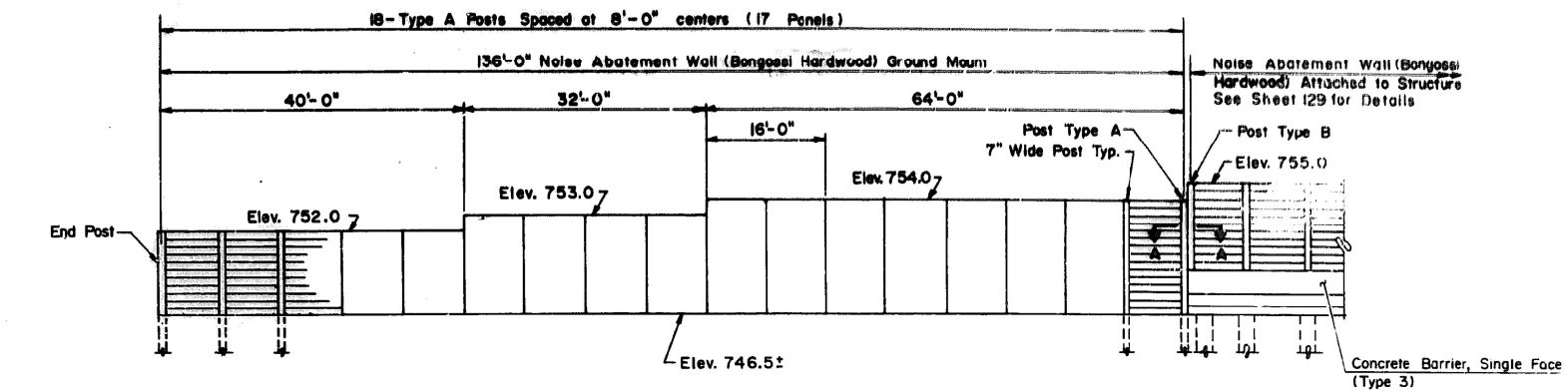


**DETAILS - POST TYPE A**  
Omit one notch for End Post.  
(18 Post Type A Required)  
Post Type A shall be used for ground mounted Noise Wall only.

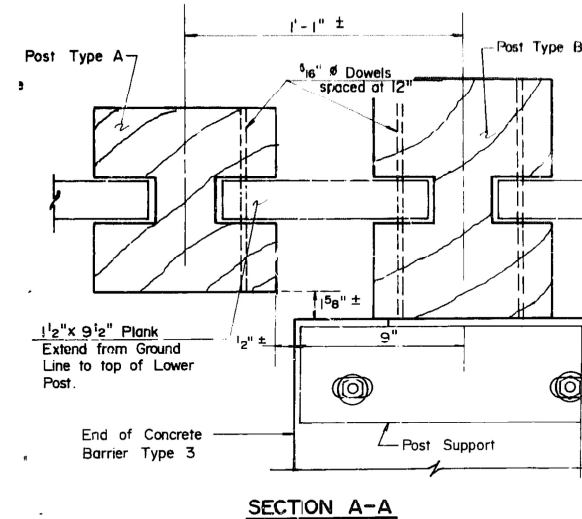
**BATTEN DETAILS**



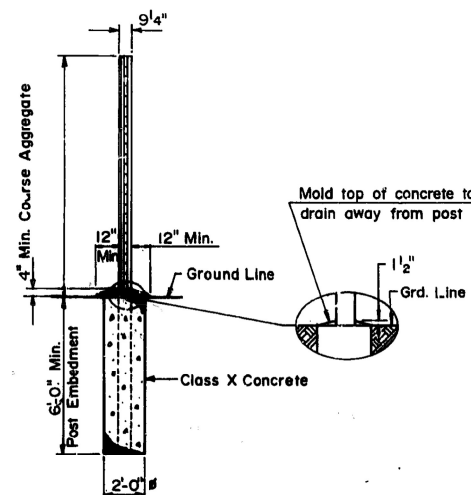
**PLANK DETAIL**



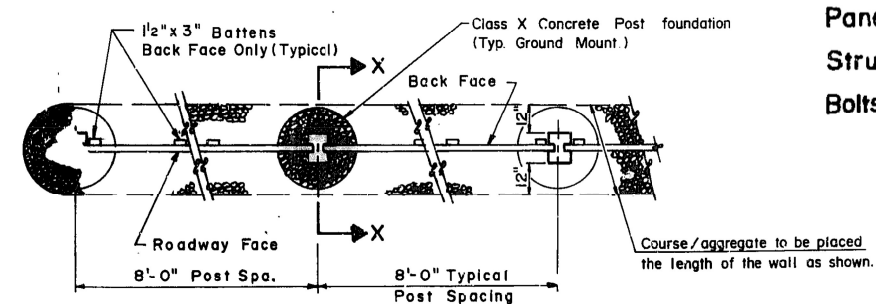
**ELEVATION**



**SECTION A-A**



**SECTION X-X**



**PLAN**

## GENERAL NOTES

1. All metal, including dowels, nuts, bolts, washers, plates, and angles shall conform to Section 710 of the Std. Specification and shall be hot dipped galvanized in accordance with ASTM A153
2. Shop drawings shall be submitted in accordance with Article 105.03 of the Std. Specifications.
3. All wood dimensions are net, not nominal.
4. Standard panel widths shall be 8'-0" Center to Center Posts
5. Posts shall be field-cut flush with the top of the top plank of the highest adjacent wall.
6. All dowels shall be ASTM A36 steel 5/16 inch diameter and shall be driven in pilot holes 5/16 inch diameter.

## NOISE ABATEMENT WALL DESIGN CRITERIA

Wind Load ..... 35 psf  
Panel Posts ..... Lophira Alata Hardwood  
(Bongassi Hardwood)  
Fb 3630 psi  
Panel Battens & Planks... Dinizia Excelsa Hardwood  
(Bonolim Hardwood)  
Structural Steel ..... A36  
Bolts, Nuts, Washers & Lag Screw... A307

FOR INFORMATION ONLY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 27  
US 20 WB AT I-355

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 223 BW	DUPAGE	52	47
CONTRACT NO. 62R39				
ILLINOIS FED. AID PROJECT				



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

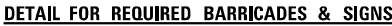
DISTANCES MAY BE SHORTENED DEPENDING  
UPON THE PROXIMITY OF ADJACENT RAMPS  
OR INTERSECTIONS.



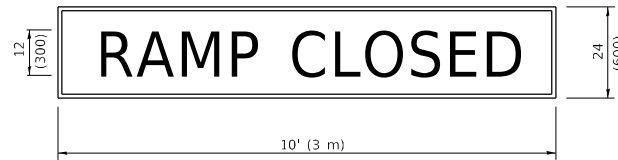
## SYMBOLS

TYPE II BARRICADE OR DRUM

**T** TYPE III BARRICADE WITH 2 FLASHING LIGHTS



### RAMP CLOSURE ADVANCE WARNING SIGN



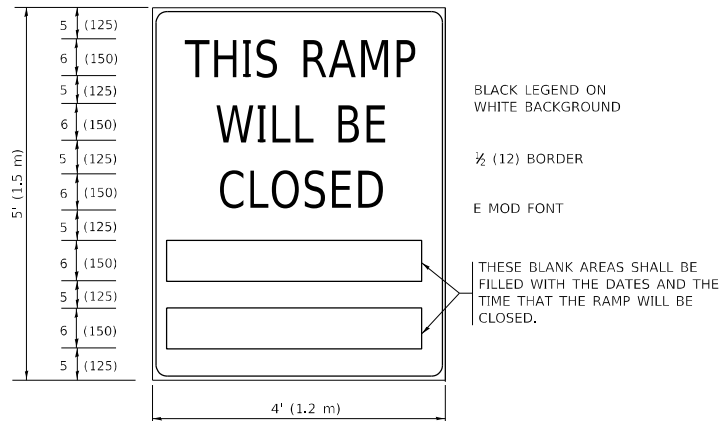
BLACK LEGEND ON ORANGE  
BACKGROUND MOUNTED  
DIAGONALLY  
E MOD FONT  
1 (25) BORDER

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

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

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

### RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON  
WHITE BACKGROUND

$\frac{1}{2}$  (12) BORDER

E MOD FONT

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

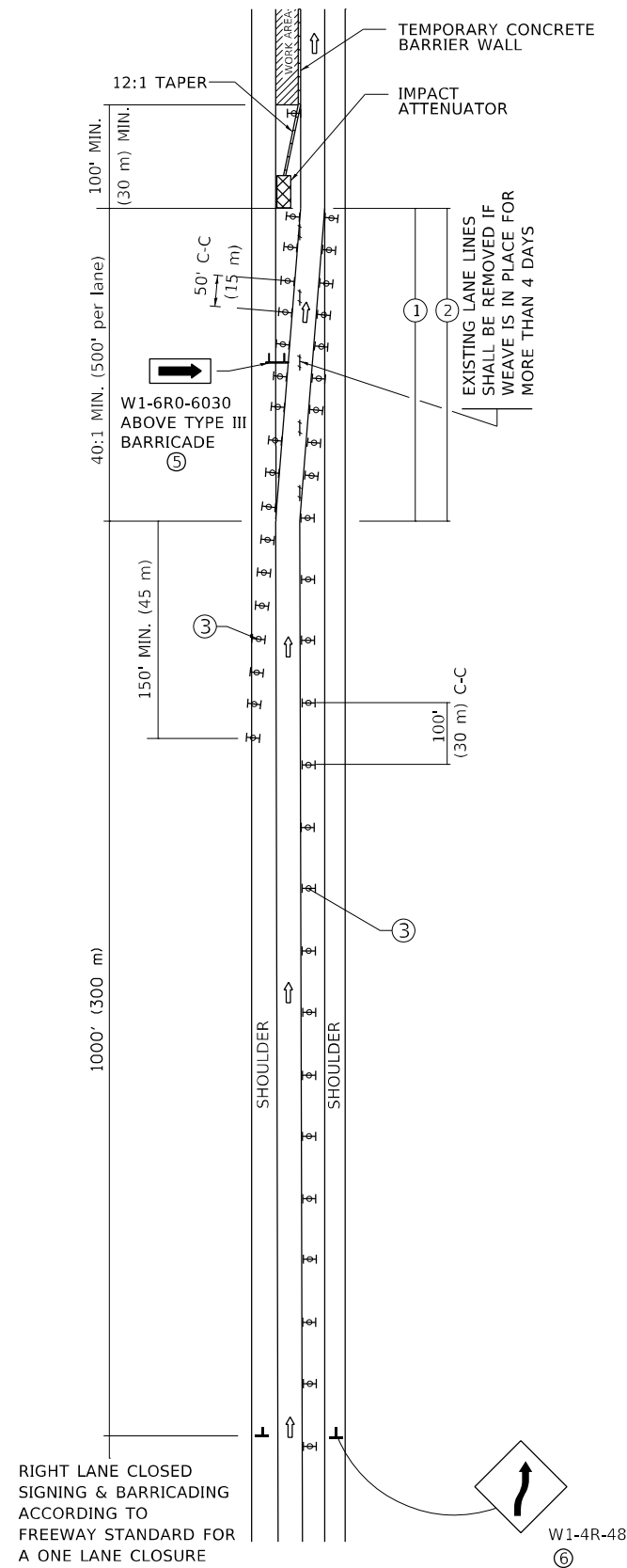
GENERAL NOTES:

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

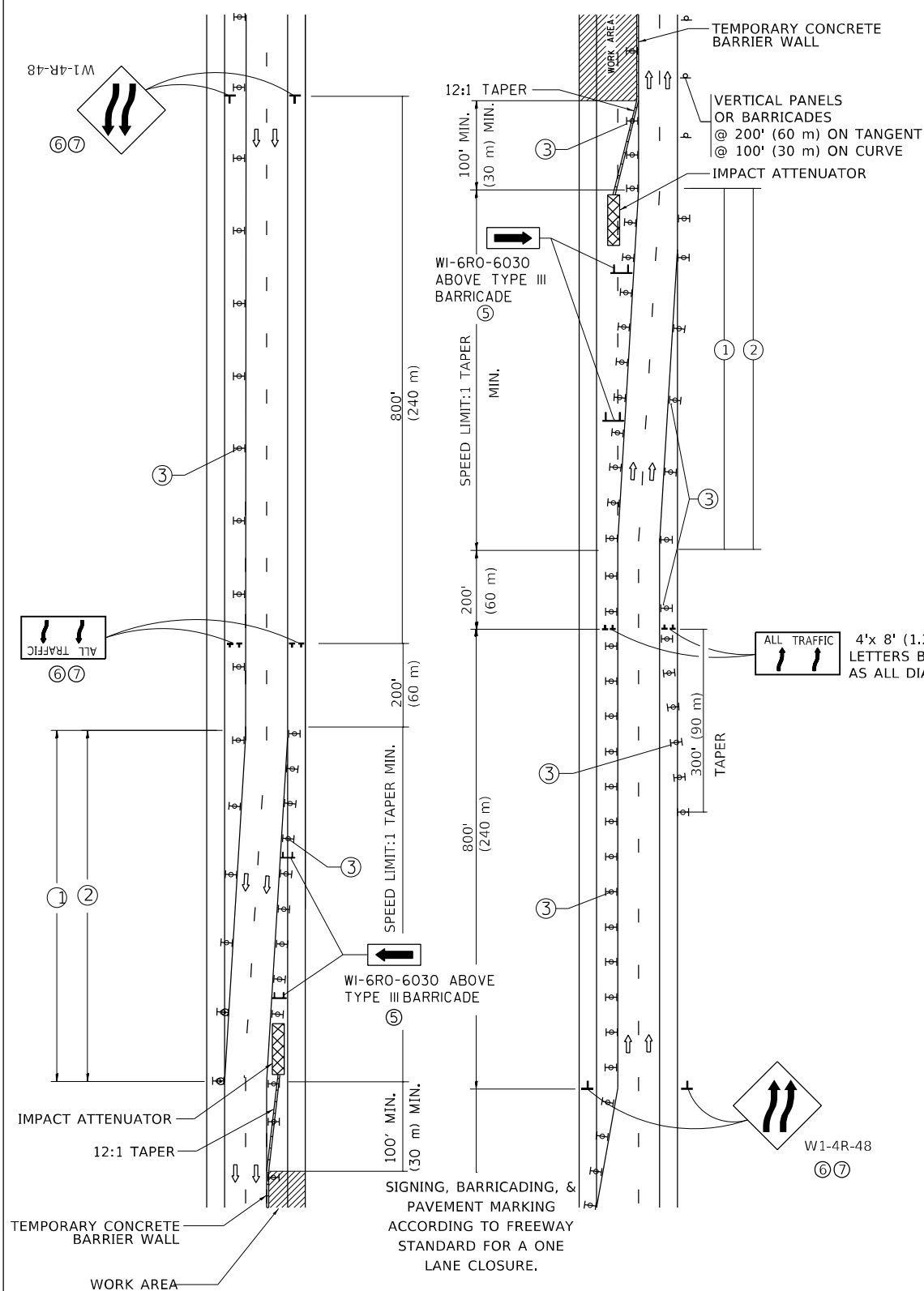
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.



## SINGLE LANE WEAVE










## MULTI-LANE WEAVE



- GENERAL NOTES:

- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- ② 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.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ TYPE III BARRICADES MAY BE 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.
- ⑥ WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- ⑦ THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

## SYMBOLS

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN

USER NAME = hassarn	DESIGNED - D,W,S.	REVISED - J.A.F. 02-06
	DRAWN -	REVISED - S.P.B. 01-07
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - S.P.B. 12-09
PLOT DATE = 2/10/2022	DATE = 02-87	REVISED - M.D. 06-13

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

### TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE

SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021 223 BW	VARIOUS	52	49
TC-09		CONTRACT NO. 62R39		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default  
FILE NAME: pws:\ildot-pw-bentley.com\pwworkspace\DOT Documents\DOT Offices\District 1\Projects\IL 83 and I-90\_94\CADData\Design\DistSrd.dgn



\* TYPE III BARRICADES  
WITH TWO FLASHING AMBER  
LIGHTS ON EACH. (SEE NOTE 2)

* TYPE I OR TYPE II BARRICADES WITH ONE FLASHING AMBER LIGHT ON EACH, OR TYPE III BARRICADES WITH TWO FLASHING AMBER LIGHTS ON EACH. (SEE NOTE 1)
---

\* COLLECTOR  
SPEED LIMIT> 40 MPH (60 km/h)

\*\* LOCAL STREET; SPEED  
LIMIT 40 MPH OR LESS

W20-I103(0)

M6-4(0) 21"X15"

OR

M6-1(0) 21"X15"  
(SEE NOTE 4)

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.  
  
THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
  - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE

4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021 223 BW	VARIOUS	52	50
<b>TC-10</b>		CONTRACT NO. 62R39		
	ILLINOIS	FED. AID PROJECT		

	USER NAME = hassarn	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
		DRAWN -	REVISED - T. RAMMACHER 01-06-00
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 2/10/2022	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

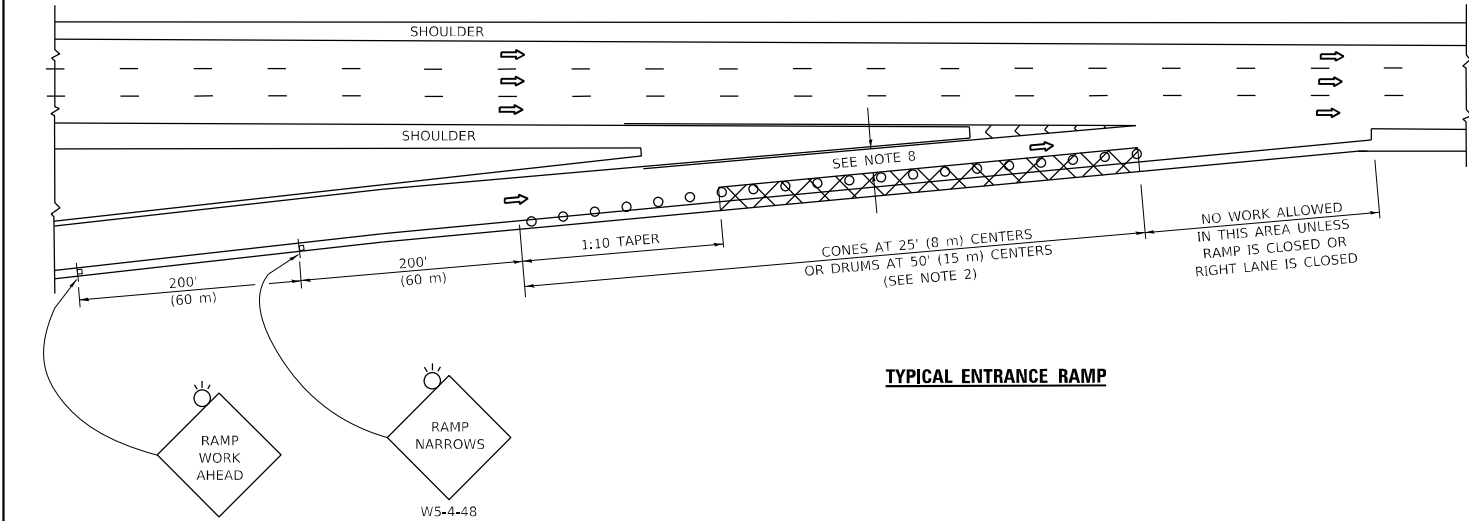
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

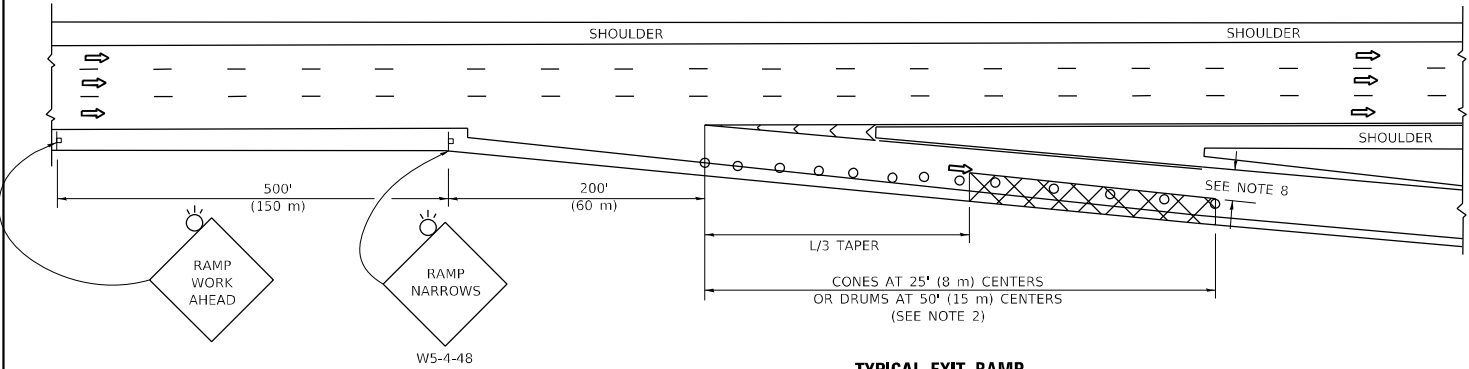
SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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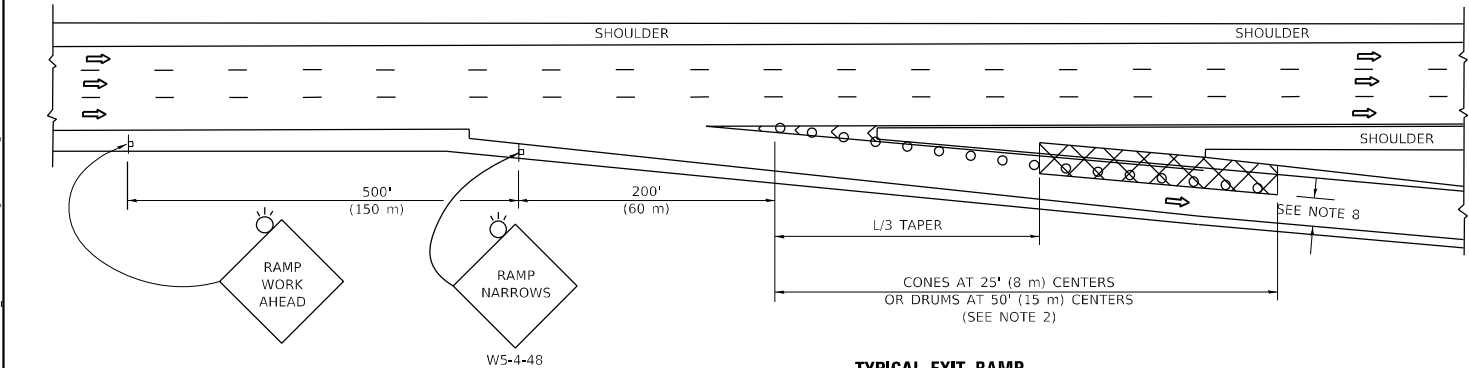
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

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

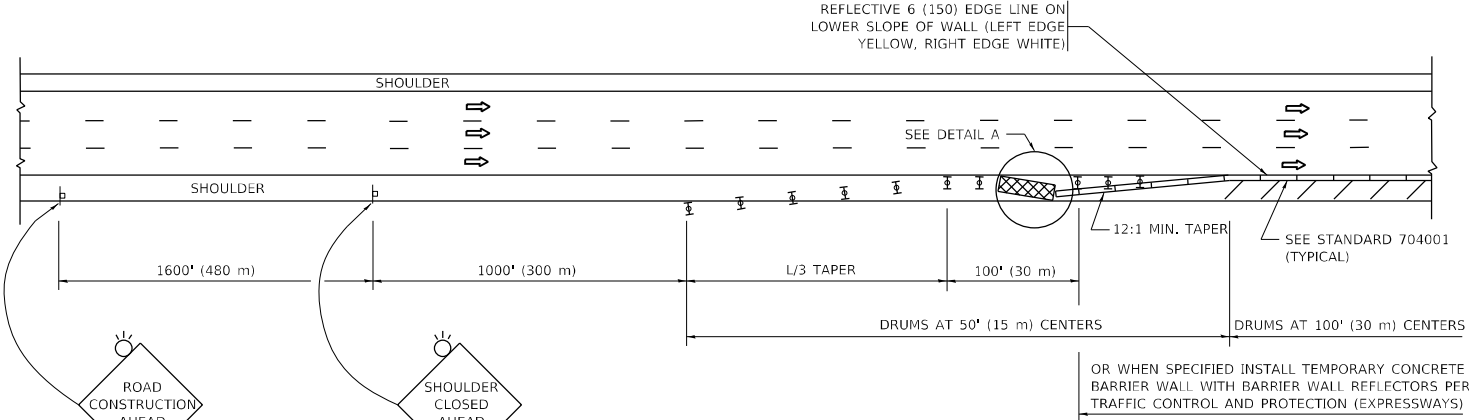
GENERAL NOTES:

- THE "L" DISTANCE EQUALS:  

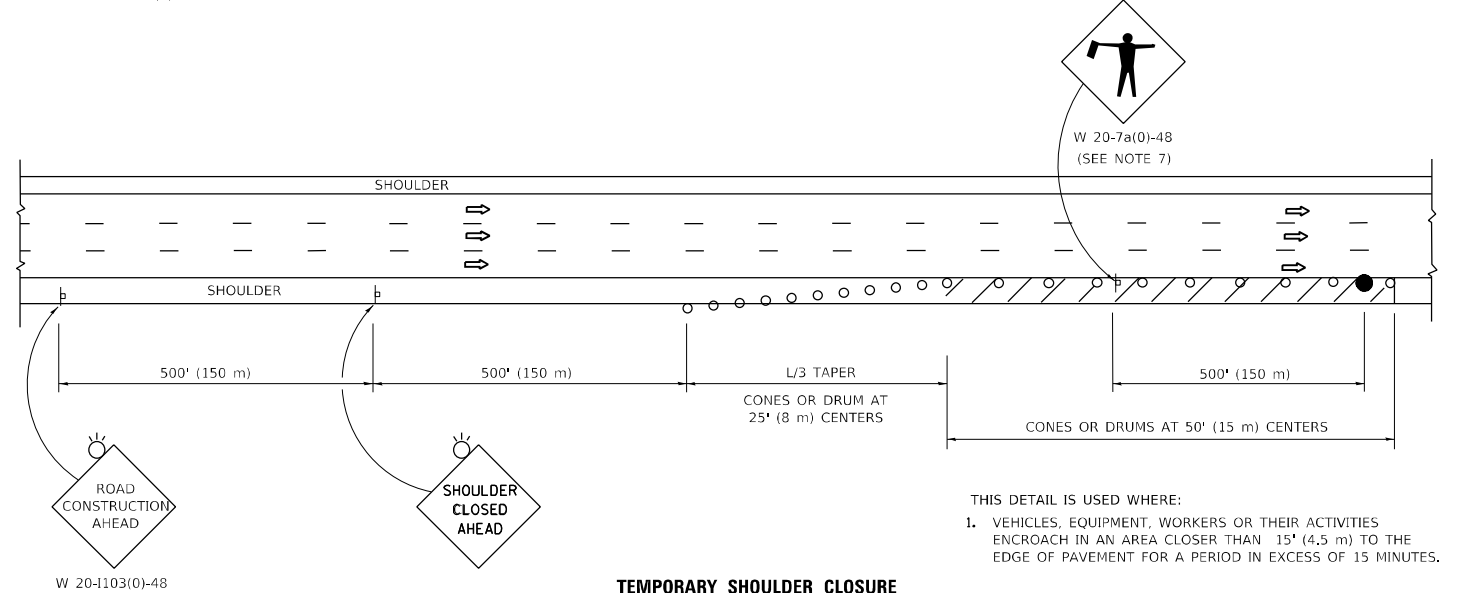
SPEED LIMIT	FORMULAS	
	METRIC	ENGLISH
45 mph (80 km/h) OR GREATER:	$L=0.65(W)(S)$	$L=(W)(S)$

  
W = WIDTH OF OFFSET IN FEET (METERS)  
S = NORMAL POSTED SPEED MPH (KM/H)
- 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.

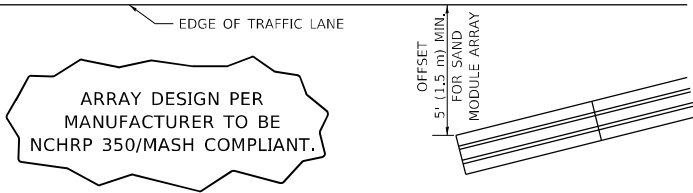
SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



TEMPORARY SHOULDER CLOSURE



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

- THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
- THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
  - FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
  - THE WORK AVTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

- 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: Default  
FILE: hussan\p\illustet-aw-beadley.com\PI\DOT\Documents\DOT Offices\District 1\Projects\11\_83 and 130\_94\CaddData\Design\Part5.dgn

USER NAME = hassan	DESIGNED -	REVISED - S.P.B. 12-09
	DRAWN - D.W.S.	REVISED - M.D. 06-13
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - M.D. 01-18
PLOT DATE = 2/10/2022	DATE - 11-96	REVISED - M.D. 10-20

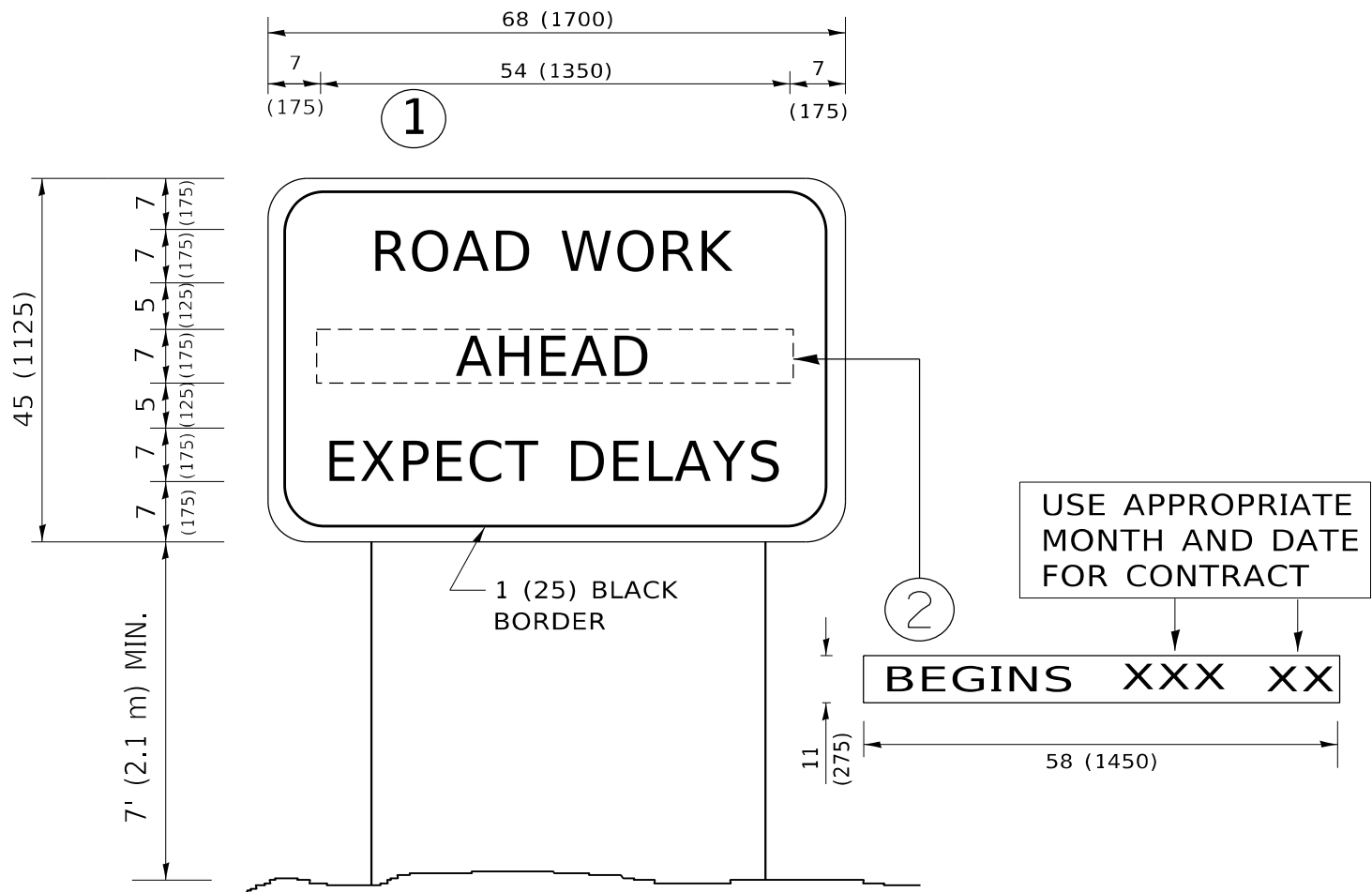
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY  
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021 223 BW	VARIOUS	52	51
TC-17		CONTRACT NO.		62R39
		ILLINOIS		FED. AID PROJECT

MODEL Default  
FILE Name: p:\ultra-cw-bentley.com\PIV\DOT\Documents\DOT Office\District 1\Project\11\_83 and 130\_94\Cadd\Data\Design\DistSig.dgn



## NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

USER NAME	= hassann	DESIGNED	-
DRAWN	-	REVISED	- R. MIRS 09-15-97
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-
PLOT DATE	= 2/10/2022	DATE	-
		REVISED	- R. MIRS 12-11-97
		REVISED	-T. RAMMACHER 02-02-99
		REVISED	- C. JUCIUS 01-31-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD  
INFORMATION SIGN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021 223 BW	VARIOUS	52	52
TC-22		CONTRACT NO. 62R39		
		ILLINOIS	FED. AID PROJECT	