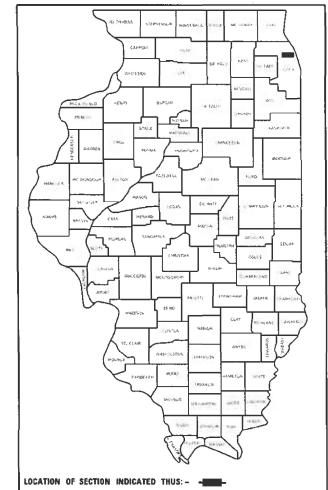
09-17-2021 LETTING ITEM 010

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

D-91-603-20



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBMITTED MAY 4

PRINTED BY THE AUTHORITY

OF THE STATE OF ILLINOIS

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 90: I-90 (KENNEDY EXPY) OVER CTA & JEFFERSON PARK

SECTION: 2020–203–BR

BRIDGE REPAIR COOK COUNTY

C-91-406-20

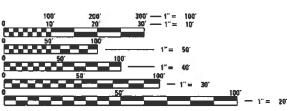
THIS PROJECT IS LOCATED IN THE CITY OF CHICAGO

TRAFFIC DATA

<u>1-90</u>

ADT 2019 = 157200SPEED LIMIT = 55 MPH

> PROJECT LOCATION I-90 OVER CTA & JEFFERSON PARK STRUCTURE NO.: 016-0 1



ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

(CHICAGO UTILITY ALERT NETWORK) AT (312)744-7000

PROJECT MANAGER: JEAN ALAIN MIDY (847)221-3056

CHICAGO CITY TOWNSHIP

GROSS & NET LENGTH = 600.0 FT. = 0.114 MILE

CONTRACT NO. 62M76

0

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INDEX OF SHEETS

- 1 TITLE SHEET
- 2 INDEX OF SHEETS. STATE STANDARDS AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-8 BRIDGE REPAIR PLAN
- 9 ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)
- 10 TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE (TC-09)
- TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)

STATE STANDARDS

STANDARD NO. DESCRIPTION

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701400-10	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS > 45MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- 1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND CITY OF CHICAGO.
- 2. 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).
- 3. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS 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 AT THE UNIT PRICE BID FOR THE WORK.
- 4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 5. THE CONTRACTOR SHALL USE FOLDER NUMBER (3285-04) WHEN COMMUNICATING WITH
- 6. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4151 FOR EXPRESSWAYS A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING
- 7. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE BRIDGE INSPECTORS.
- 8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN THE EXISTING BRIDGE LIGHTING AT ANY LOCATIONS THAT LIGHTING IS ENCOUNTERED ADJACENT TO AN AREA TO BE CLEANED AND PAINTED.
- 9. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 10. WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHTTIME OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE OUTMOST PRECAUTIONS PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJACENT RESIDENTIAL AREAS.
- 11. THE CONTRACTOR SHALL REQUEST AND GAIN THE 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. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.
- 12. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS WHEN WORKING NEAR THE ABUTMENTS DUE TO ELECTRICAL JUNCTIONS BOXES AND ATTACHED CONDUITS.
- 13. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO ENSURE THAT NO DEBRIS WILL ENDANGER OR INTERFERE WITH TRAFFIC ON THE ROADWAY OF THE RAILROAD BENEATH THE BRIDGE ACCORDING TO ARTICLE 107.09 or 107.12 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.
- 14. THE CONTRACTOR AT NO POINT DURING CONSTRUCTION ACTIVITIES SHALL BE ALLOWED TO CROSS ANY OF THE RAILROAD TRACKS AND UTILIZE THE EXISTING RAILROAD PLATFORM FOR ANY OPERATION.
- 15. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

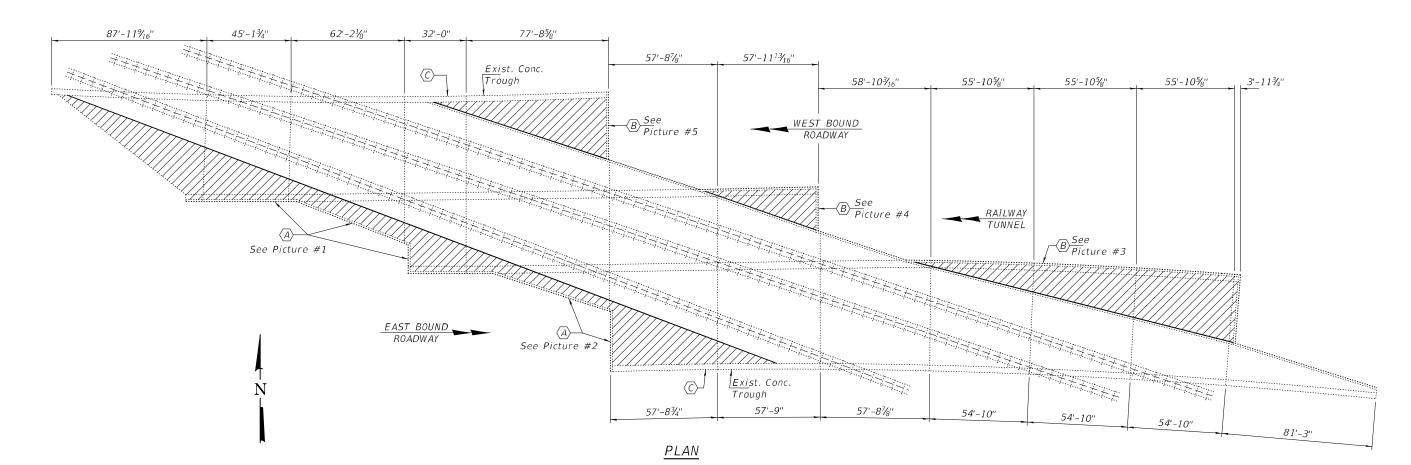
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PLOT DATE = 7/16/2021	DATE -	REVISED -

SCALE:

INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-90 (KENNEDY EXPWY,) OVER CTA & JEFFERSON PARK	90	2020-203-BR	COOK	11	2
Too (NEIMED) EXITING OTHER ONE & CENTERIOUS FRANK			CONTRACT	F NO. 63	2M76
SHEET OF SHEETS STA TO STA TULINOIS EED AID DROJECT					

	SUMMARY OF QUANTITIES		URBAN		CONSTRUCT	ION TYPE (CODE			SUMMARY	OF QUANTITIES			į.	COI	NSTRUCTION	TYPE CODE	$\overline{-}$
CODE NO	ITEM	UNIT	TOTAL OUANTITIES	100% STATE 0013					CODE NO		ITEM	UNIT	TOTAL QUANTITIES					
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	190	190														
66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2														
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION	LSUM	1	1														
	PLAN													0. 0.				
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION	LSUM	1	1										10				
	REPORT																	+
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5														
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12										100 100 100 100				
67100100	MOBILIZATION	L SUM	1	1														+
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1														_
10200100	MONTHE WORK ZONE ETONINO	2 30#																
X0322121	SHEET WATERPROOFING MEMBRANE SYSTEM	SO YD	1220	1220										0				
X7011015	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1														
	(EXPRESSWAYS)																	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1														+
																		+
	IALTY ITEM USER NAME : Auszam 0	ECICUED		DEVISES											[EAT]			REV
FILE NAME = pwi\plantoom.dol.llinoo	is.gov-PHI/DT\Dazameris\NO0T	ESIGNED - BOANN - HECKED - ATE -		REVISED - REVISED - REVISED - REVISED -				TATE OF ENT OF T	ILLINOIS RANSPORTATI	ON _		WY.) OVER CTA & IMARY OF QUANTI OF SHEETS STA.	TIES	PARK	F.A.I. RTE. 90	SECTION 2020-203-E	COUNTY BR COOK CONTRACT I	TOTAL SHEETS 11



- (A) Sheet Waterproofing Membrane System (See Pictures on sheet 2 of 5.) (See Details on sheet 3 of 5.)
- (B) Sheet Waterproofing Membrane System (See Pictures on sheet 2 of 5.) (See Details on sheet 4 of 5.)
- $\langle \underline{\it C} \rangle$ Clean out existing Concrete Trough and the existing Drain Pipes.

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments 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 at the unit price bid for the work.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Sheet Waterproofing Membrane System	Sq. Yd.	1220

* SPRINGFIELD * ILLINOIS OF ILLINO

Expires: November 30, 2022

DESIGNED - Victor H. Veliz	EXAMINED	This A. Bet	DATE - AUGUST 11, 2021	CTATE OF ILLINOIS	GENERAL PLAN	F.A.I. RTE	SECTION	COUNTY	TOTAL SHEET NO.
CHECKED - Adrian T. Halloway DRAWN - STEFFEN	DASSED -	ENGINEER OF STRUCTURAL SERVICES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 016-0515	90	2020-203-BR	соок	11 4
CHECKED - VHV ATH	PASSED —	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -	DEPARTMENT OF TRANSPORTATION	SHEET NO. 1 OF 5 SHEETS		ILLINOIS FED.	AID PROJECT	T NO. 62M76

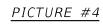






PICTURE #1 PICTURE #2 PICTURE #3

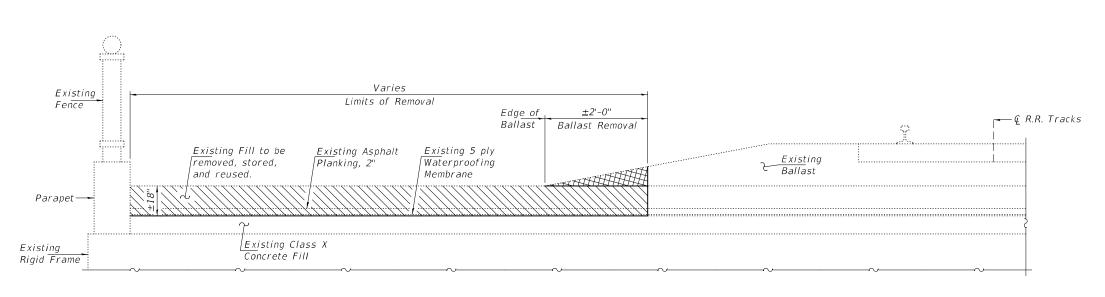




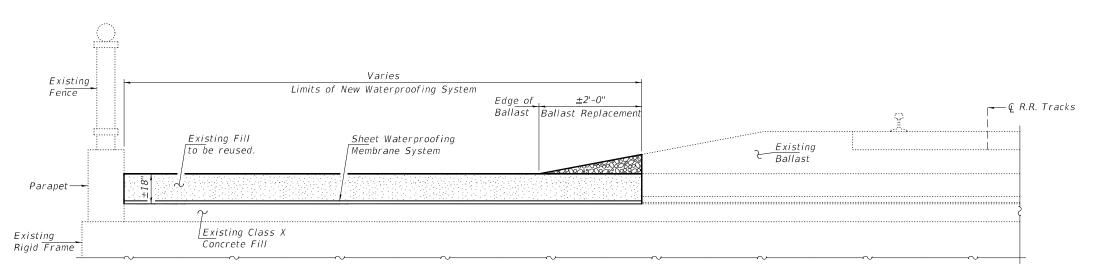


PICTURE #5

DESIGNED - VHV	EXAMINED	I mot A All Gt	DATE - AUGUST 11, 2021	07.475 07.11.11.010	REPAIR LOCATION PICTURES	F.A.I. RTE	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
CHECKED - ATH		ENGINEER OF STRUCTURAL SERVICES		STATE OF ILLINOIS	SN 016-0515	90	2020-203-BR	соок	11 5
DRAWN - STEFFEN	PASSED	A Carl Prayey	REVISED -	DEPARTMENT OF TRANSPORTATION	314 010-0313			CONTRAC	T NO. 62M76
CHECKED - VHV A	TH	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET NO. 2 OF 5 SHEETS		ILLINOIS FED. A	ID PROJECT	

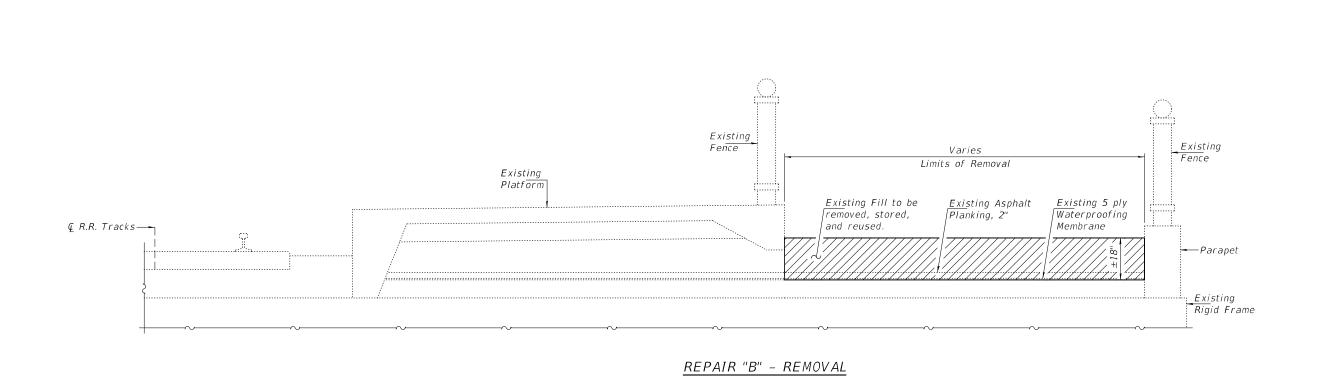


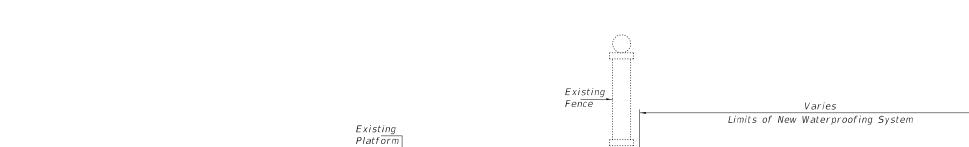
REPAIR "A" - REMOVAL DETAILS

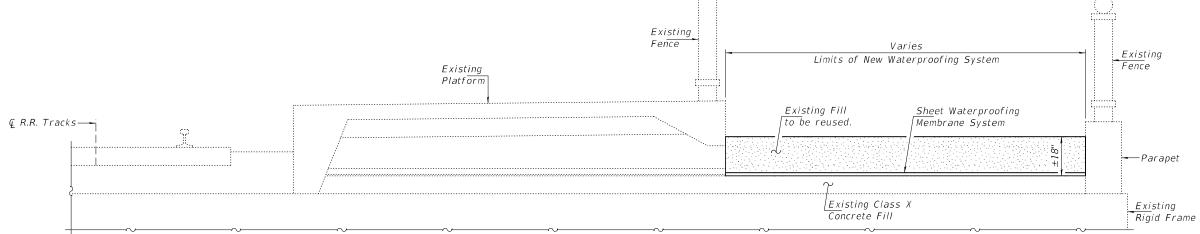


REPAIR "A" - REPLACEMENT DETAILS

DESIGNED - VHV	EXAMINED	I mot A All Gt	DATE - AUGUST 11, 2021	CTATE OF ILLINOIS	REPAIR "A" DETAILS	F.A.I. RTE	SECTION	COUNTY	TOTAL SH SHEETS N
CHECKED - ATH DRAWN - STEFFEN	PASSED	ENGINEER OF STRUCTURAL SERVICES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 016-0515	90	2020-203-BR	CONTRACT	11 NO 62M7
CHECKED - VHV ATH	·	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET NO. 3 OF 5 SHEETS		ILLINOIS FED.	AID PROJECT	10. 02W/70

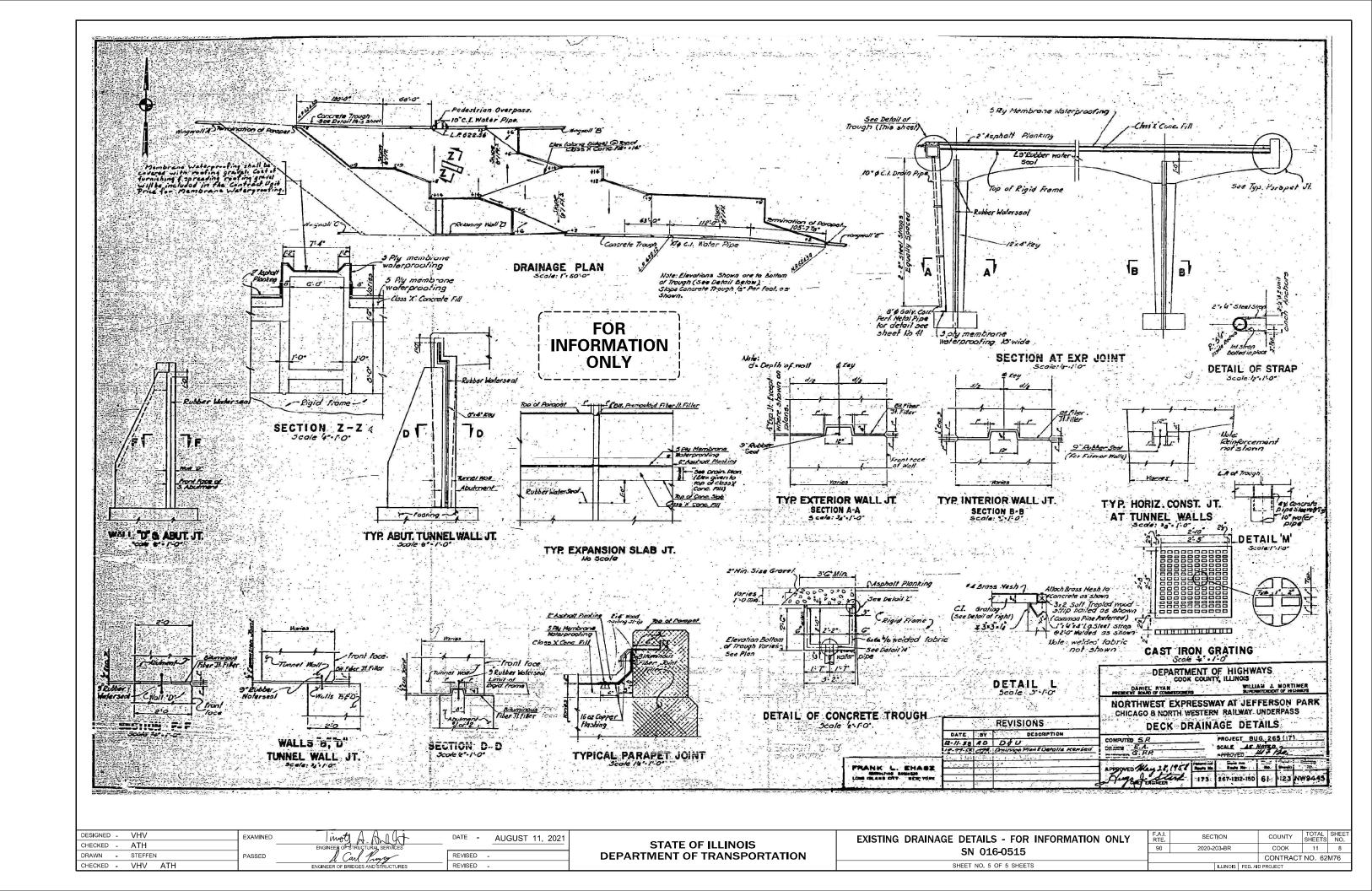


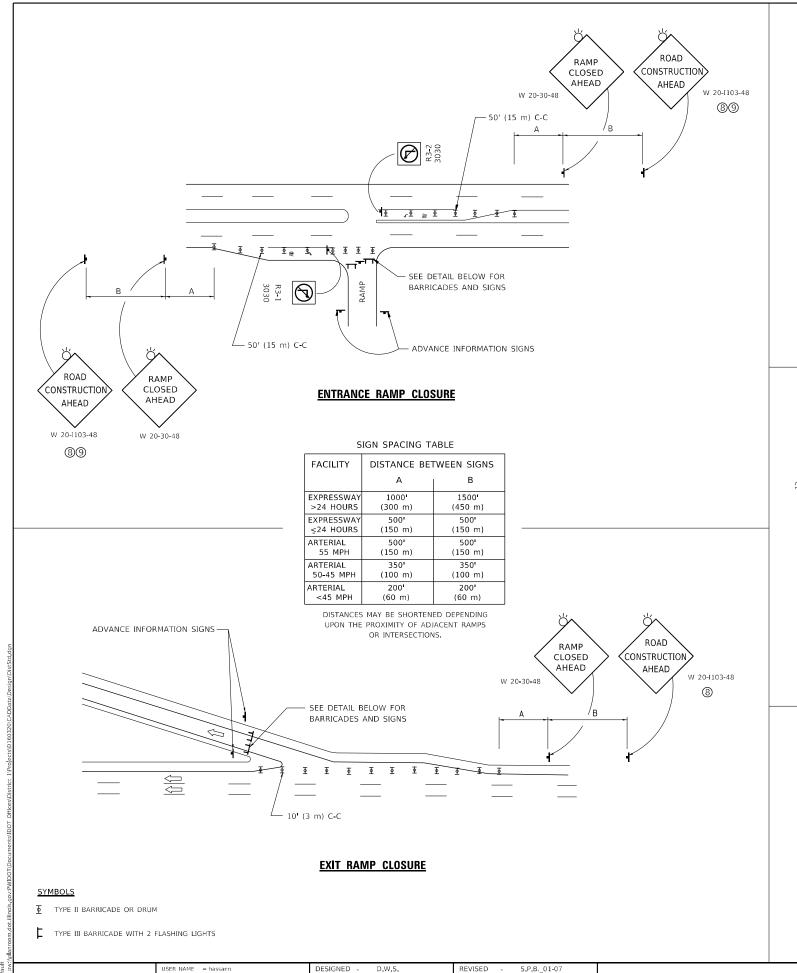


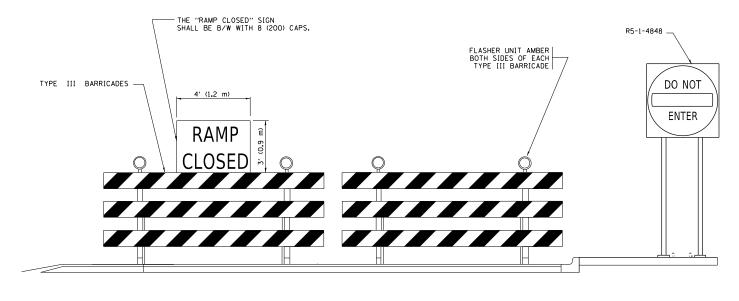


REPAIR "B" - REPLACEMENT

_	DESIGNED - VHV	EXAMINED	Timoty A. And at	DATE - AUGUST 11, 2021	CTATE OF HAINOIC	REPAIR "B" DETAILS	F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
_	CHECKED - ATH DRAWN - STEFFEN	PASSED	ENGINEER OF STRUCTURAL SERVICES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 016-0515	90	2020-203-BR	CONTRACT	11 T NO 62	7
	CHECKED - VHV ATH		ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET NO. 4 OF 5 SHEETS		ILLINOIS FED. A	ID PROJECT	1110. 021	70

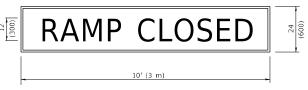






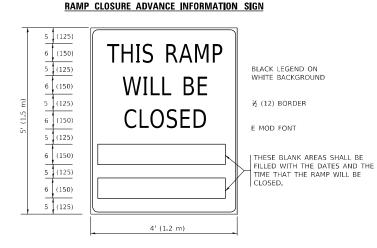
DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE
BACKGROUND MOUNTED
DIAGONALLY
E MOD FONT
1 (25) BORDER
SIGNS ARE REQUIRED ON ALL THE EXIT

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

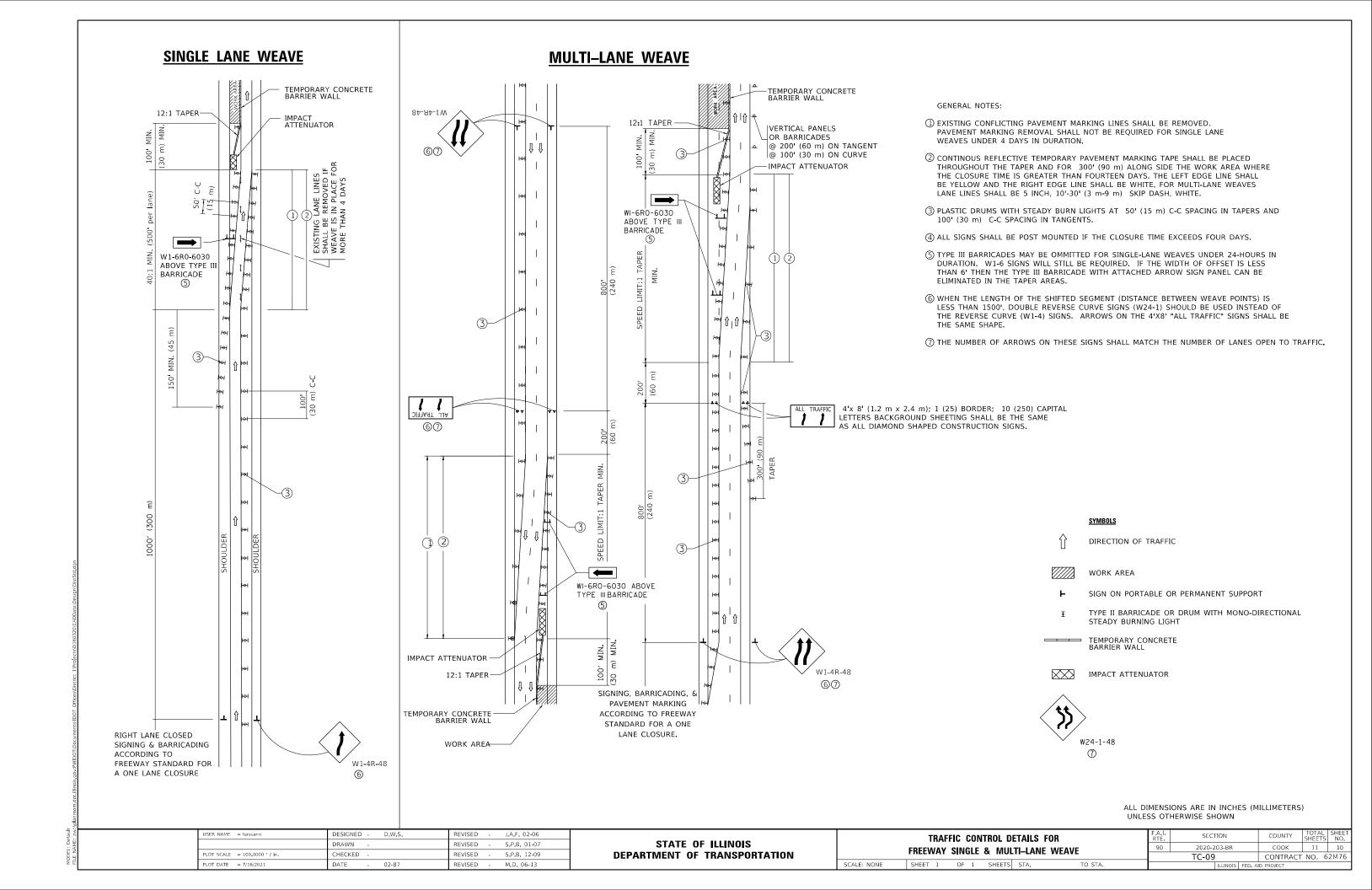
GENERAL NOTES:

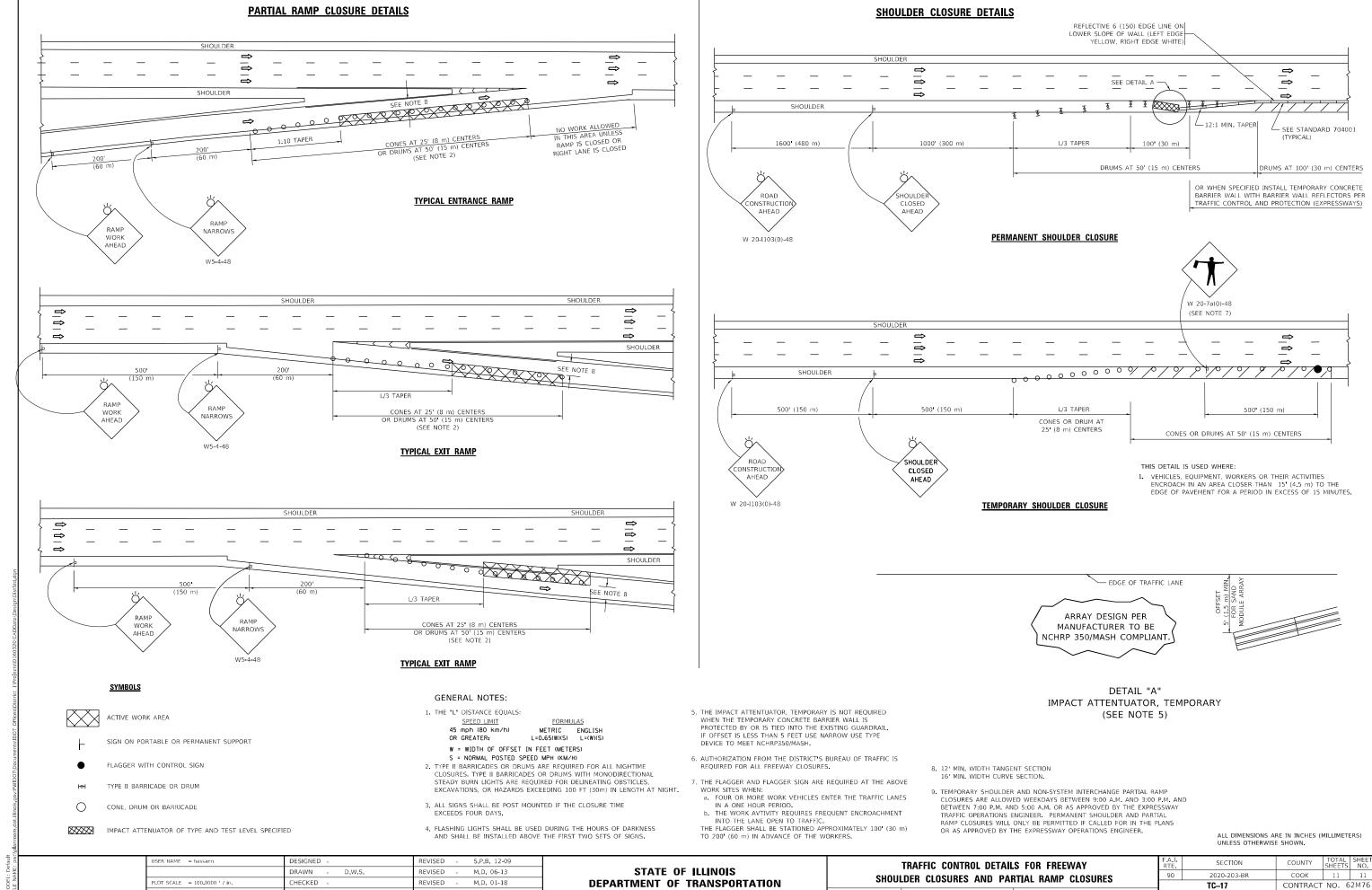
- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- (2) VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- 3 A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEEDED BY A W20-7 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.
- (3) 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.
- 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.
- 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.

USER NAME = hassann	DESIGNED - D.W.S.	REVISED - S.P.B01-07		ENTRANCE AND EXIT RAMP	F.A.I. BTF	SECTION	COUNTY TO	OTAL SHEET
	DRAWN -	REVISED - S.P.B12-09	STATE OF ILLINOIS		90	2020-203-BR	COOK 1	11 9
PLOT SCALE = 100,0000 / in.	CHECKED -	REVISED - M.D06-13	DEPARTMENT OF TRANSPORTATION	CLOSURE_DETAILS		TC-08	CONTRACT NO	O. 62M76
PLOT DATE = 7/16/2021	DATE - 02-83	REVISED - M.D. 01-18		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT	





M.D. 10-20

REVISED

DATE

SHEET 1 OF 1 SHEETS STA.