03-08-2024 LETTING ITEM 022

FOR INDEX OF SHEETS, SEE SHEET NO. 2

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED

ROUTES: VARIOUS SECTION 2023 VAR FENCE1 FENCE REPAIR COOK COUNTY

C-91-120-24

SEE LOCATION MAPS SHEETS 4 THRU 5

HIGHWAY PLANS

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

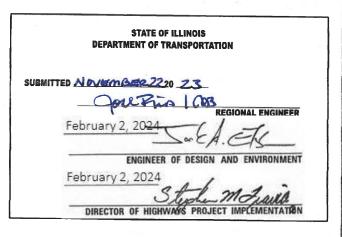
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

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

CONTRACT NO. 62W27

SECTION 2023 VAR FENCE1 соок 13 1 D-91-106-24





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CENIEDAL NIOTES INDEX OF SHEETS COVERSHEET INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES SUMMARY OF QUANTITIES COOK COUNTY (SOUTH OF ILL 38) LOCATION MAP 5 COOK COUNTY (NOTH OF ILL 38) LOCATION MAP DETAILS OF PEDESTRINA BARRIER TYPE III (STD. 10-SS-514R) CHAIN LINK FENCE (STD 10-SS-506B) CHAIN LINK FENCE POST SLEEVE REPAIR DETAIL PROPOSED PEDESTRIAN BARRIER AND CHAIN LINK FENCE WITH TENSION WIRE AND FENCE RAIL REMOVAL SPECIAL FENCE DETAILS

ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)

ZONE OPENINGS ON FREEWAYS / EXPRESSWAYS (TC-18)

CLOSURES (TC-17)

TRAFFIC CONTROL DETAILS FOR SHOULDER CLOSURE AND PARTIAL RAMP

FREEWAY / EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK

1.	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.
2.	THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL
	SUPERVISOR AT (847) 705-4155 FOR EXPRESSWAYS A MINIMUM OF 72
	HOURS IN ADVANCE OF BEGINNING WORK.
3.	THE CONTRACTOR SHALL SUBMIT ALL DAILY LANE, RAMP AND SHOULDER
	CLOSURES VIA WWW.IDOTLCS.COM AT LEAST 24 HOURS IN ADVANCE OF
	ALL DAILY LANE, AND RAMP AND SHOULDER CLOSURES. THE
	CONTRACTOR SHALL REQUEST AND GAIN THE APPROVAL FROM THE
	ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC
	OPERATIONS ENGINEER AT (847) 705-4151 OR (847) 705-4155.

STATE STANDARDS	DESCRIPTION
664001 - 02	CHAIN LINK FENCE
665001 - 02	WOVEN WIRE FENCE
701101 - 05	OFF-RD OPERATIONS, MULTLANE, 15' TO 24" FROM PAVEMENT EDGE
701106 - 02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' 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 SPEED > 45 MPH
701421 - 08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701426 - 09	LANE CLSOURE, MULTILANE, INTERMITTEN OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
701427 - 05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS < 40 MPH
701428 - 01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701901 - 09	TRAFFIC CONTROL DEVICES

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USER NAME = rodrigo.ledezma DESIGNED -REVISED -DRAWN REVISED -PLOT SCALE = 0.16666633 '/ in. CHECKED -REVISED -PLOT DATE = 1/9/2024 DATE REVISED -

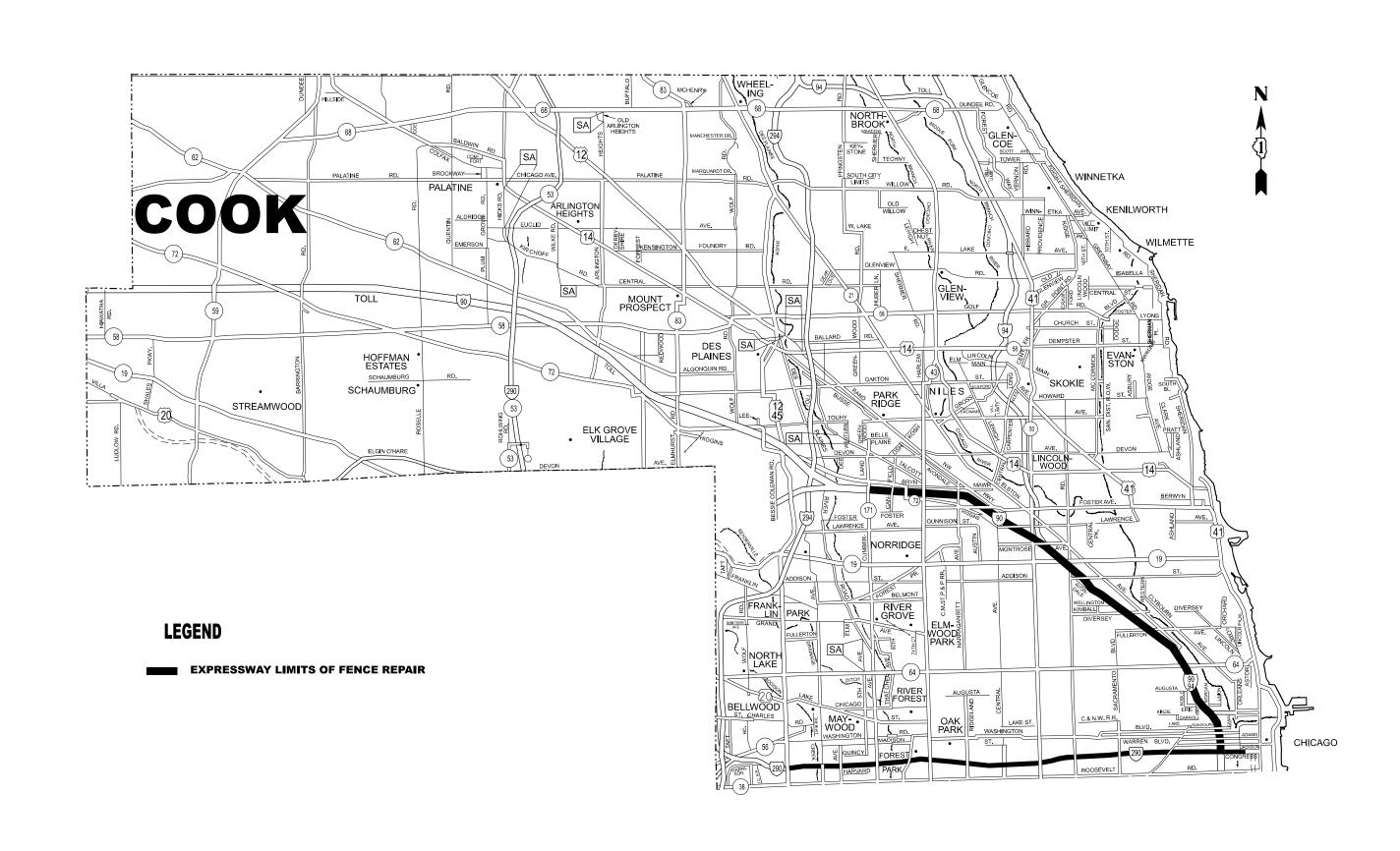
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

COUNTY TOTAL SHEETS NO.

COOK 13 2 SECTION **INDEX OF SHEETS AND STANDARDS** VAR 2023 VAR FENCE1 CONTRACT NO. 62W27 OF 1 SHEETS STA. TO STA. SHEET

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	JUMMART U	- QUANTITIES			1004							SUMMA	ART OF QUANTITIES				100%					
CODE NO	r	ITEM	UNIT	TOTAL QUANTITIES	100% STATE 0021	100% MCHD 0021					CODE NO		ITEM		UNIT	TOTAL QUANTITIES	100% STATE 0021	100% MCHD 0021				
Z0009700	CHAIN LINK FABRIC,	SPECIAL, 6'-0"	FOOT	1000	1000																	
Z0009900	CHAIN LINK FABRIC,	TYPE 1, 4'-0"	FOOT	4650	4650																	
Z0033200	LINE POST, TYPE 1		EACH	166	166																	
Z0042500	POST (SPECIAL)		EACH	50	50																	
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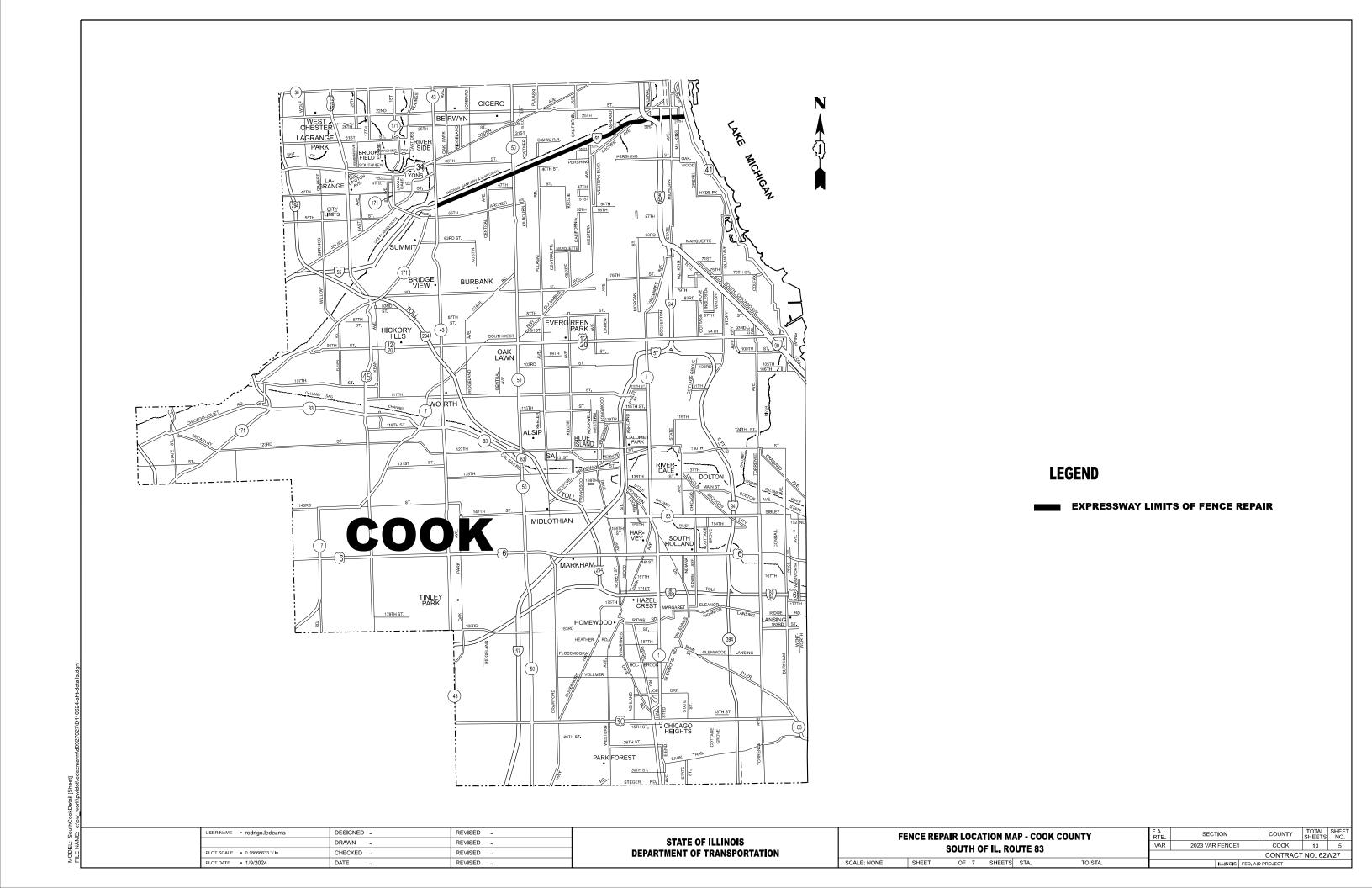
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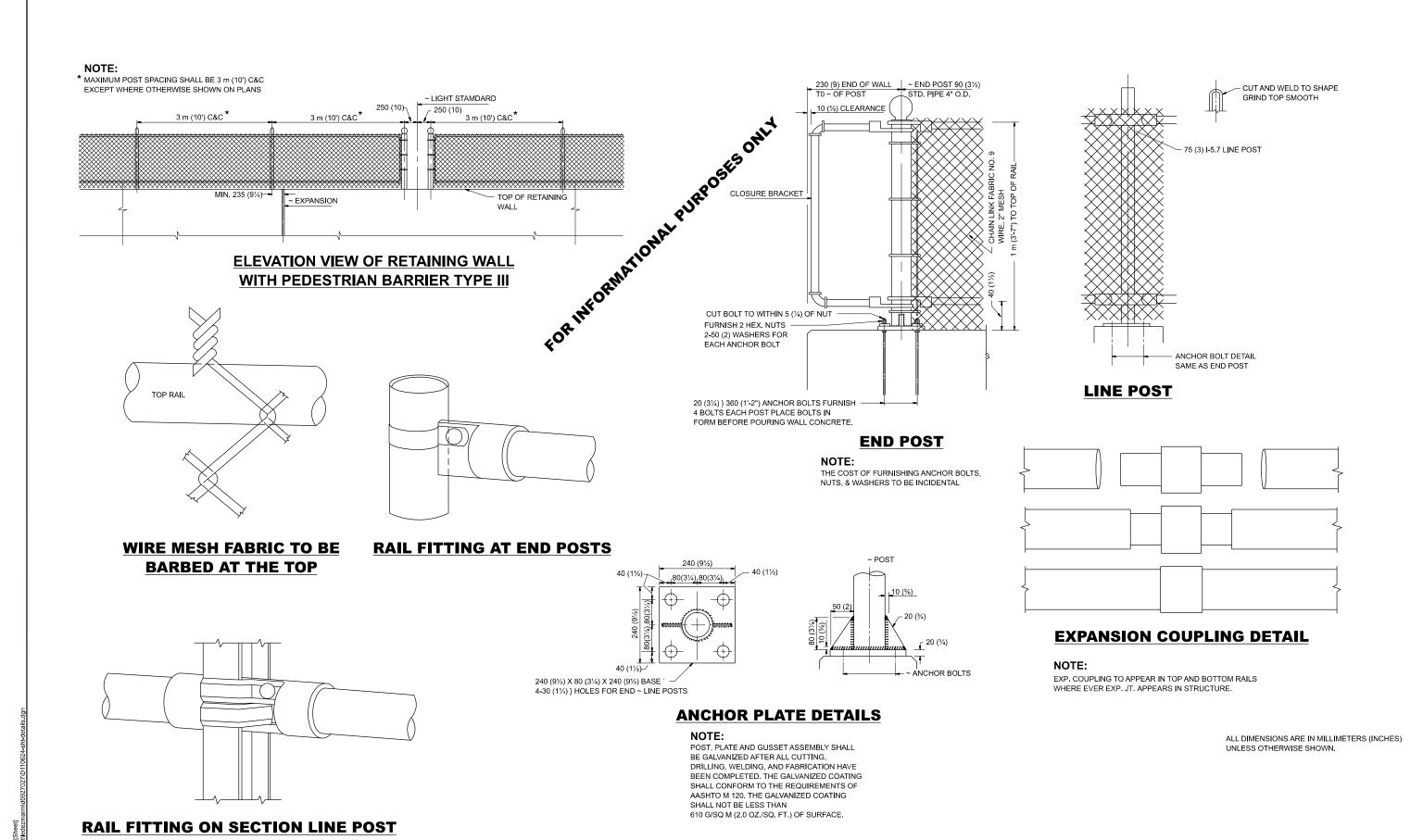
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

| FENCE REPAIR MAP - COOK COUNTY | NORTH OF IL, ROUTE 83 | SHEET | OF 7 SHEET | STA. | TO STA. | SHEET | SHEET | STA. | TO STA. | SHEET | SECTION | COUNTY | SHEET | NO. | SHEET | SHEET | NO. | SHEET | SHEET | NO. | SHEET | S





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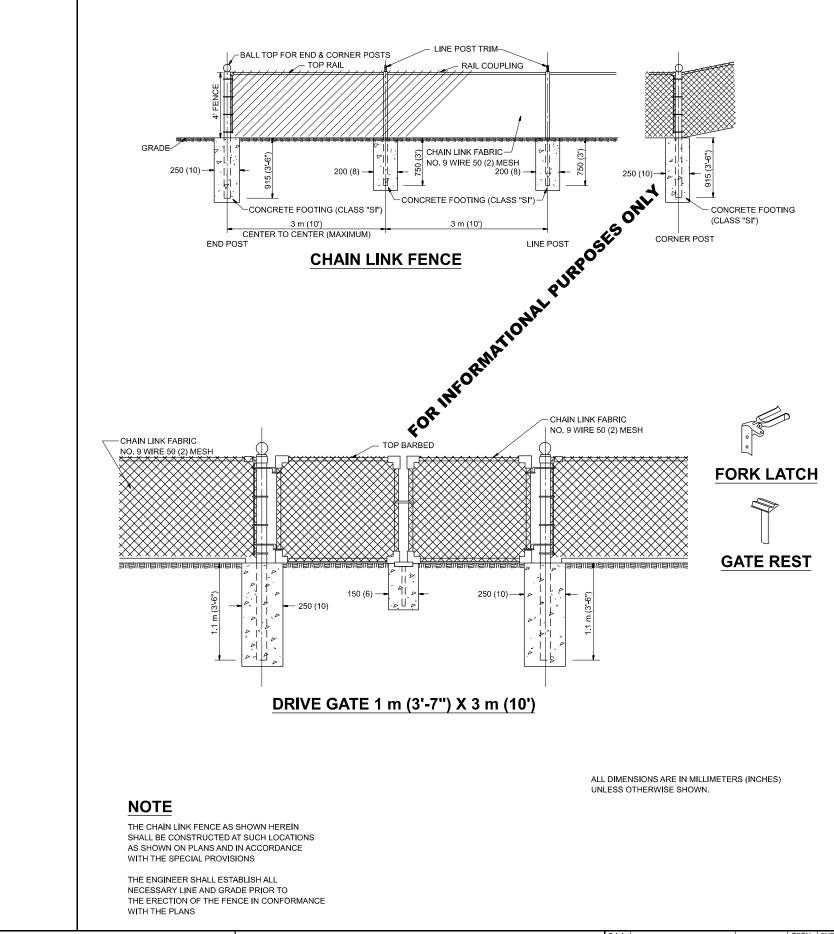
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE

 PEDESTRIAN BARRIER TYPE III
 F.A.I. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
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 CONTRACT NO. 62W27



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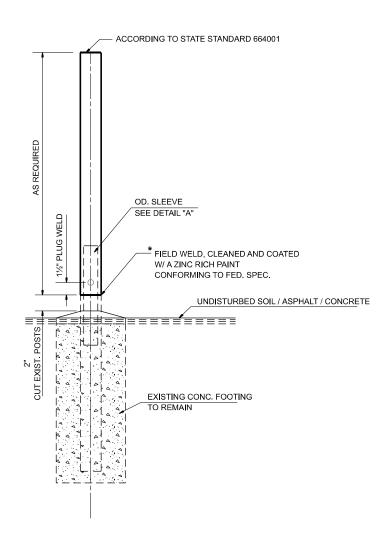
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

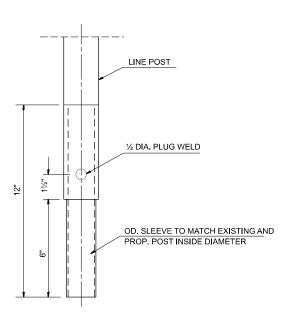
SCALE: NONE

 CHAIN LINK FENCE
 F.A.I. RTE.
 SEC

 STD, 10-SS-506 B
 VAR
 2023 VAF

GENERAL NOTES:
THIS WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, TOOLS
AND EQUIPMENT TO REPAIR CHAIN LINK FENCE POST SLEEVE AS SHOWN
ON THE PLANS OR AS DIRECTED BY THE ENGINEER, AND IN ACCORDANCE
WITH STATE STANDARD 664001.
BASIS OF PAVEMENT: THIS WORK SHALL BE PAID FOR AT THE CONTRACT
UNIT PRICE EACH FOR "CHAIN LINK FENCE POST SLEEVE REPAIR" WHICH
PRICE SHALL BE PAYMENT IN FULL TO COMPLETE THE WORK AS SPECIFIED
HEREIN.





SCALE: NONE

SLEEVE DET. DWG

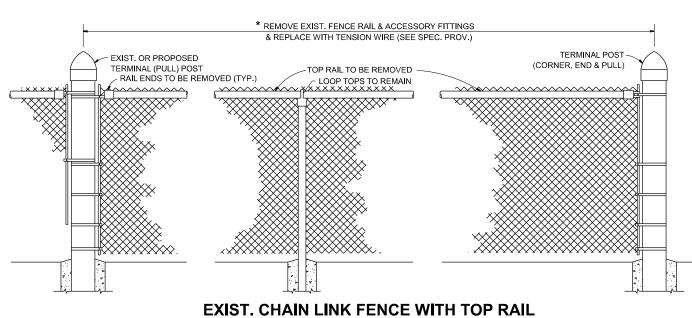
DETAIL "A" SLEEVE DETAIL

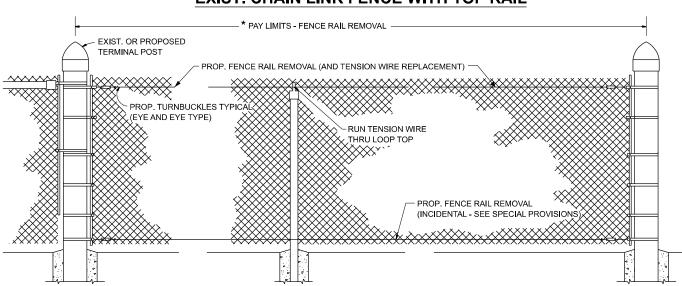
THIS WORK SHALL BE INCLUDED IN THE COST OF THE PAY ITEM "CHAIN LINK FENCE POST SLEEVE REPAIR"

USER NAME = rodrigo.ledezma DESIGNED -REVISED -DRAWN REVISED CHECKED -REVISED PLOT DATE = 1/9/2024 REVISED -DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

CHAIN LINK FENCE POST SLEEVE SECTION COUNTY VAR 2023 VAR FENCE1 COOK 13 8 **REPAIR DETAIL** CONTRACT NO. 62W27 OF 7 SHEETS STA. TO STA. SHEET





PROP. CHAIN LINK FENCE WITH "FENCE RAIL REMOVAL"

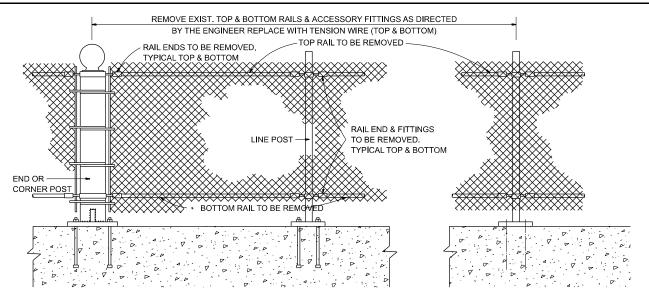
GENERAL NOTES

FENCE RAIL REMOVAL: THIS ITEM CONSISTS OF REMOVING EXISTING TOP OR BOTTOM RAIL. (DAMAGED OR UNDAMAGED) AND REPLACIN WITH TENSION WIRE. BOTTOM TENSION WIRE SHALL BE CONSIDE INCIDENTAL EXCEPT AT LOCATIONS OF EXISTING BOTTOM RAIL REMOVAL

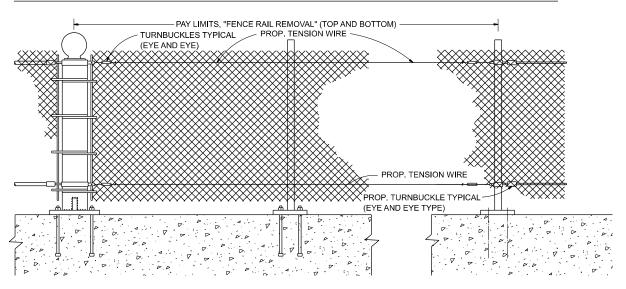
TENSION WIRE: THIS ITEM CONSISTS OF INSTALLING TENSION WIRE,
TOP OR BOTTOM, WHERE TOP OR BOTTOM RAIL IS NON-EXISTENT, OR
WHERE EXISTING DAMAGED TENSION WIRE IS REMOVED AND REPLACED
BY NEW TENSION WIRE

ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, STANDARD SPECIFICATIONS AND STANDARD 664001.

REPLACEMENT OF OTHER FENCE COMPONENT PARTS SHALL BE MEASURED AND PAID FOR SEPARATELY AS DESCRIBED IN THE SPECIAL PROVISIONS.



EXIST. PEDESTRIAN BARRIER TYPE 3 WITH TOP AND BOTTOM RAILS

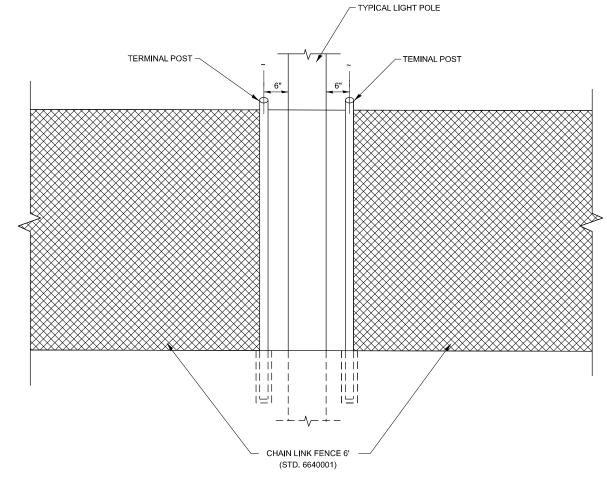


PROP. PEDESTRIAN BARRIER TYPE 3 WITH FENCE RAIL REMOVAL

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

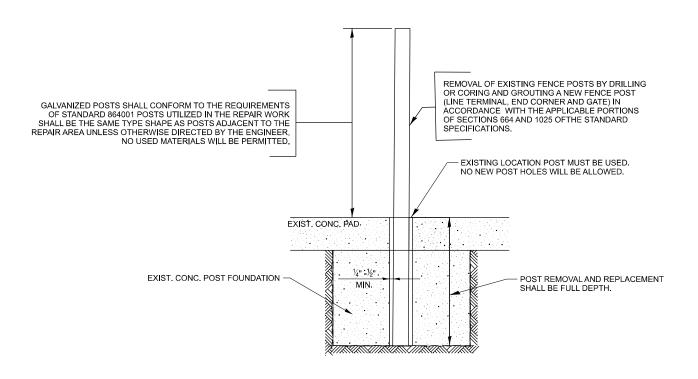
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PLOT DATE = 1/9/2024	DATE -	REVISED -

^{*} THE ENGINEER IN CHARGE SHALL DETERMINE THE LENGTH OF FENCE RAIL TO BE REMOVED & REPLACED WITH "TENSION WIRE"



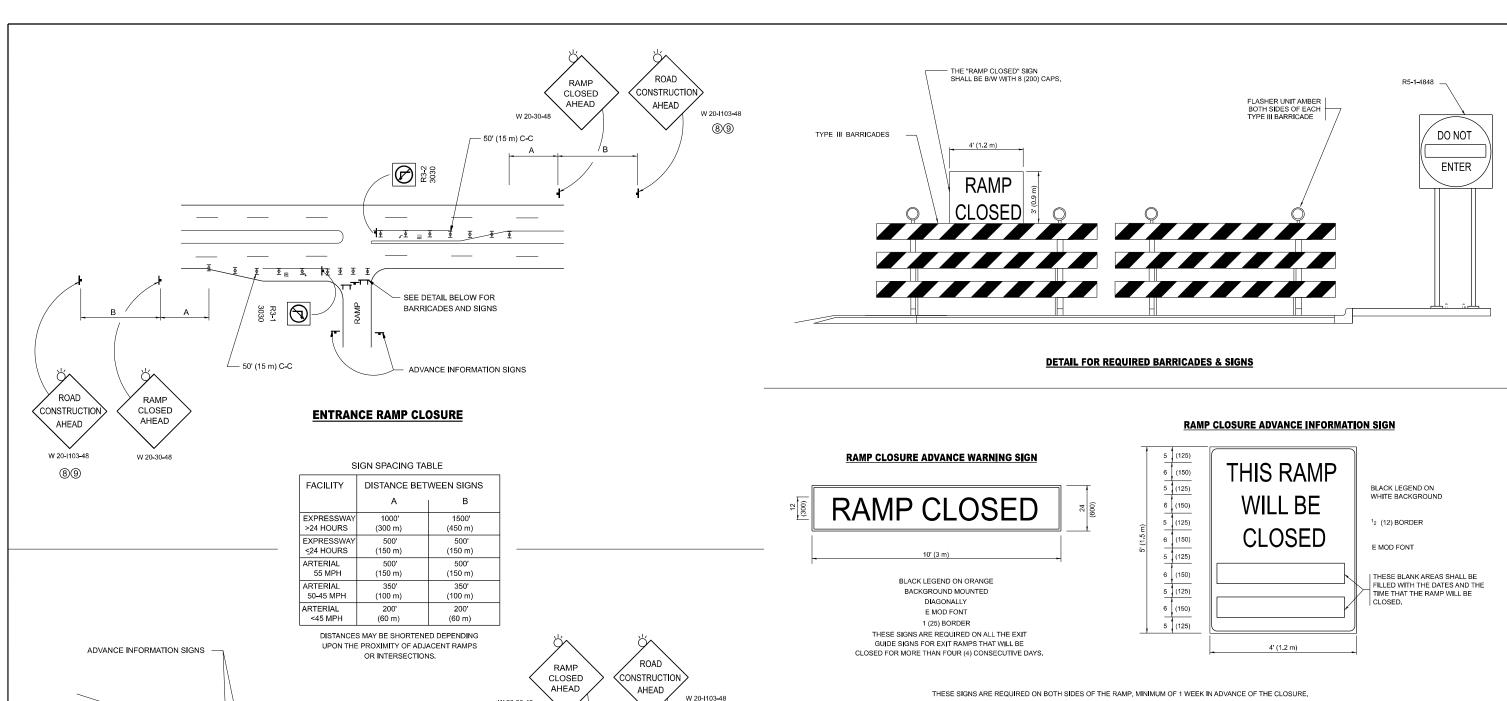
FENCE CONFLICT WITH LIGHT POLE

N.T.S.



POST REMOVAL AND REPLACEMENT

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W 20-30-48

SEE DETAIL BELOW FOR BARRICADES AND SIGNS

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EXIT RAMP CLOSURE

10' (3 m) C-C

SYMBOLS

TYPE II BARRICADE OR DRUM

TYPE III BARRICADE WITH 2 FLASHING LIGHTS

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

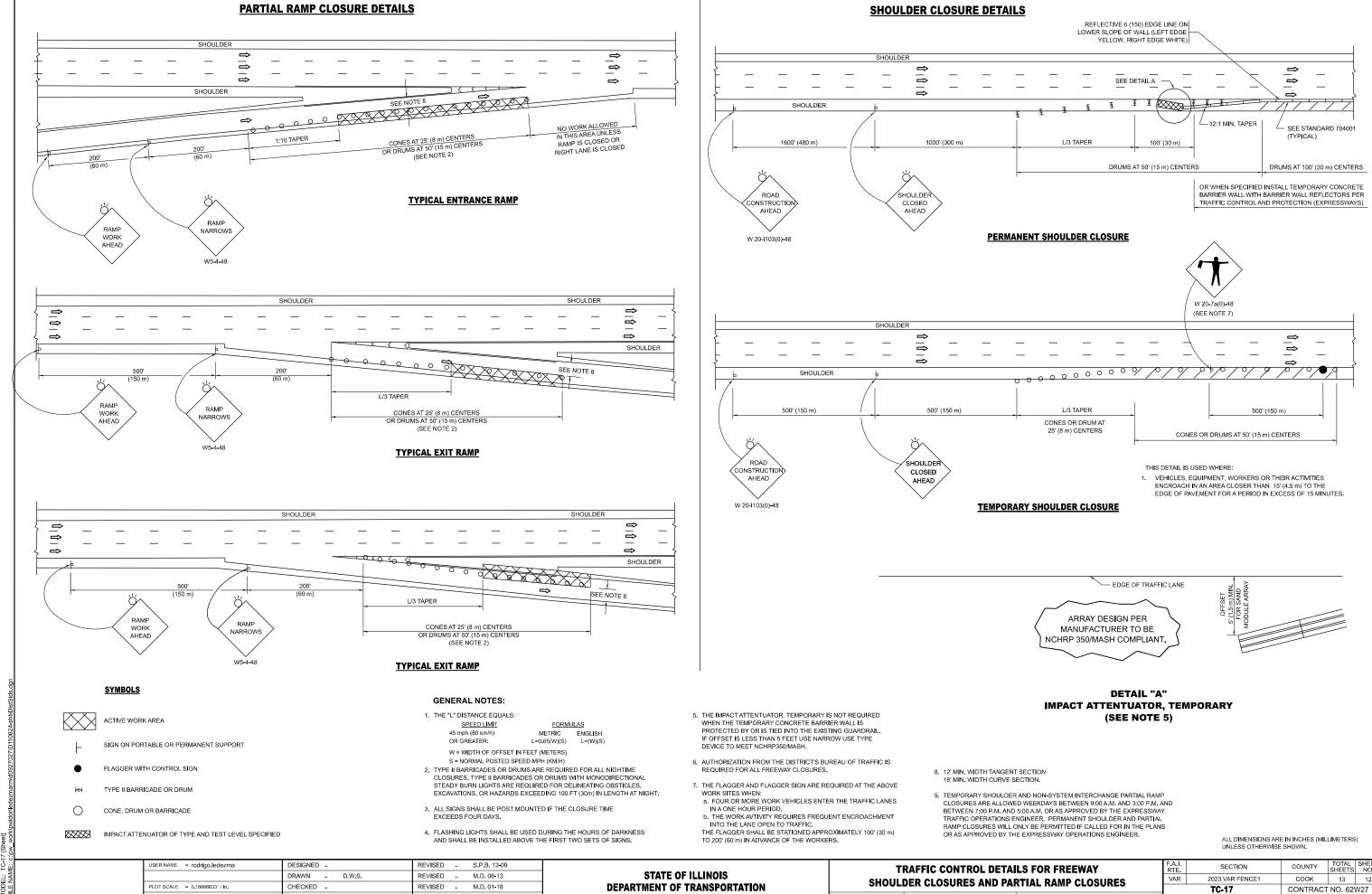
GENERAL NOTES:

- (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.
- 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.
- 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 = rodrigo.ledezma	DESIGNED - D.W.S.	REVISED - S.P.B01-07		ENTRANCE AND EXIT RAMP					F.A.I. RTE	SECTION	COUNTY	TOTAL	SHEET NO.	
	DRAWN -	REVISED - S.P.B12-09	STATE OF ILLINOIS		CLOSURE DETAILS				VAR	2023 VAR FENCE1	соок	13	11	
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PLOT DATE = 10/31/2023	DATE - 02-83	REVISED - M.D01-18		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILLINOIS FED. AID	PROJECT		



SHEET 1 OF 1 SHEETS STA.

LOT DATE = 10/31/2023

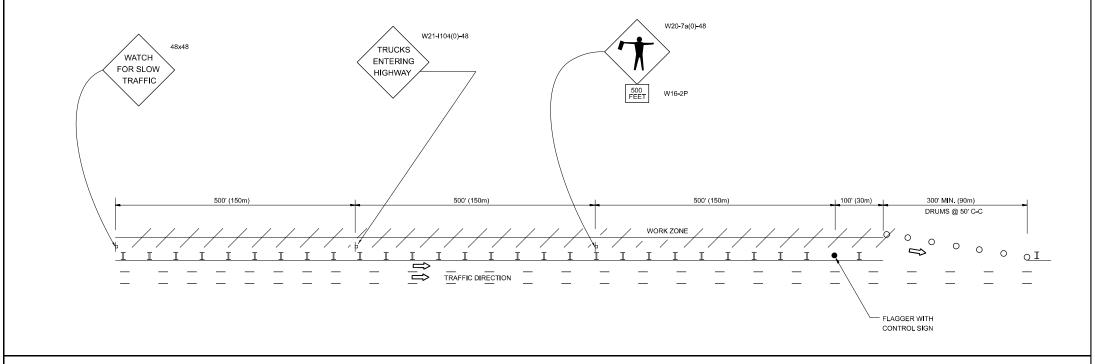
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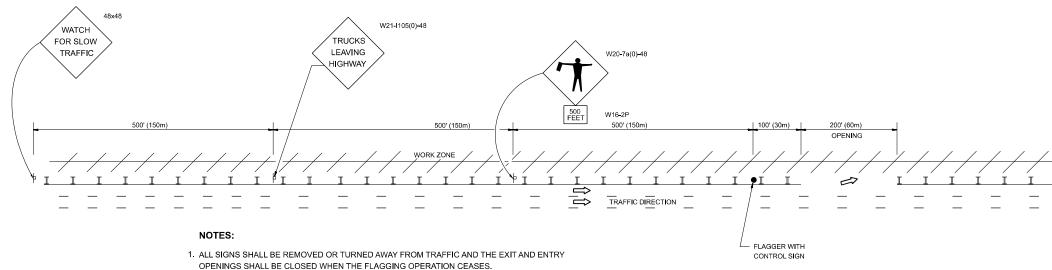
M.D. 10-20

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



- OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
- 2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMPS.
- 3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
- 4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
- 5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

USER NAME = rodrigo.ledezma	DESIGNED -	REVISED	-	J.A.F. 02-06
	DRAWN -	REVISED	-	S.P.B. 01-07
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PLOT DATE = 10/31/2023	DATE -	REVISED	_	M.D.06-13

FREEWAY / EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS													
AT WORK	AT WORK ZONE OPENINGS ON FREEWAYS / EXPRESSWAYS												
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