06-14-2019 LETTING ITEM 208

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED HIGHWAY PLANS

ROUTE: VARIOUS EXPRESSWAYS DISTRICT ONE SECTION: 2019–046–I
MISCELLANEOUS IMPACT ATTENUATORS, SAND BARRELS VARIOUS COUNTIES

C-91-379-19

JUCCATION MAPS - SEE SHEETS 4-6

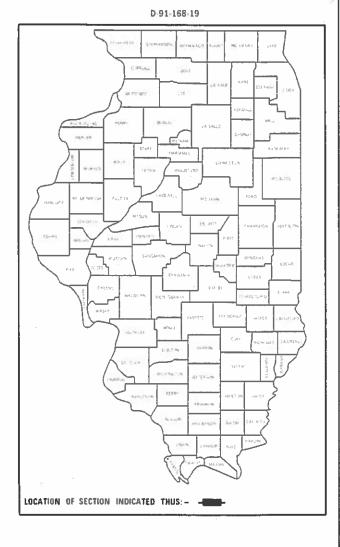


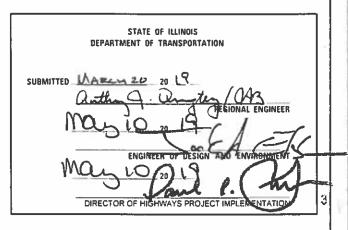
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER J. ALAIN MIDY (847) 221-3056 PROJECT MANAGER FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62J24





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REV. - MS

## **INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-6	EXPRESSWAY PATCHING LOCATION MAPS
7	ENTRANCE RAMP AND CLOSURE DETAILS (TC-8)
8	SINGLE LANE WEAVE (MODIFIED) (TC-9)
9	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (MODIFIED) (TC-17)

### LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
442201-03	CLASS C AND D PATCHES
643001-02	SAND MODULE IMPACT ATTENUATORS
701400-09	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-12	LANE CLOSURE, FREEWAY / EXPRESSWAY
	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH

TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY / EXPRESSWAY

TWO LANE CLOSURE, FREEWAY / EXPRESSWAY

780001-05 TYPICAL PAVEMENT MARKINGS

701901-08 TRAFFIC CONTROL DEVICES

701428-01

701446-09

### **GENERAL NOTES**

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.J.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL CONTACT DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4151 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

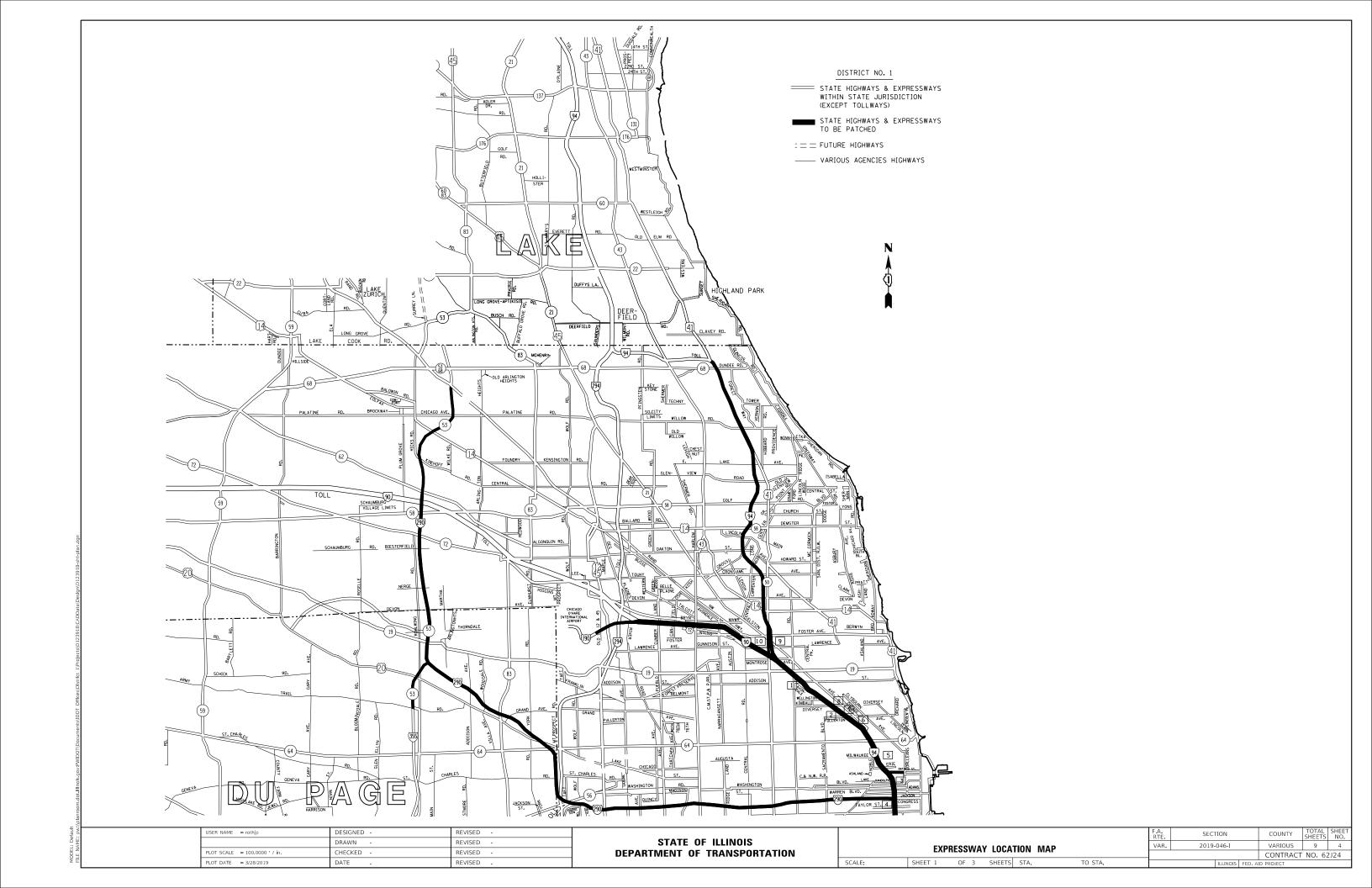
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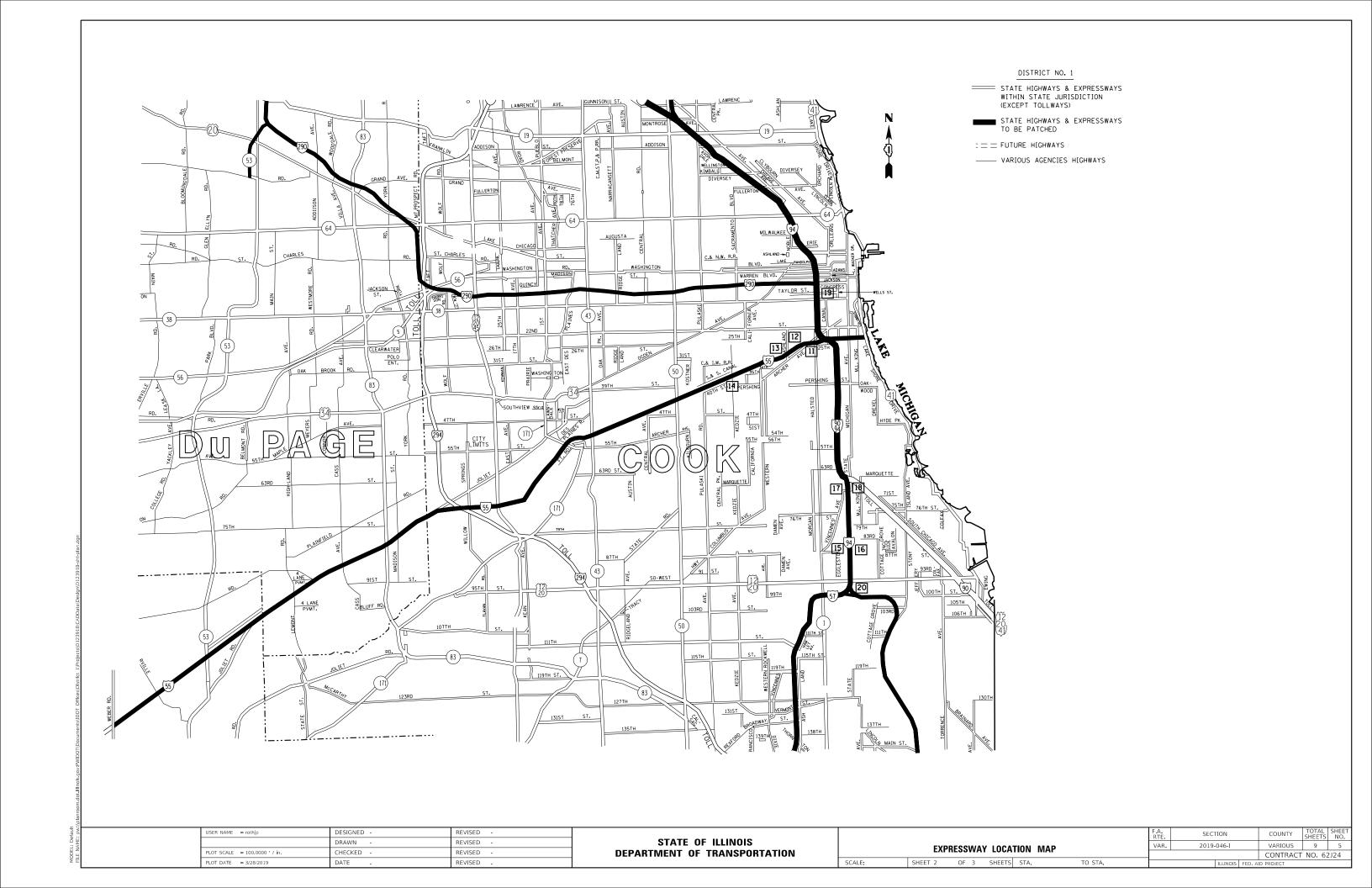
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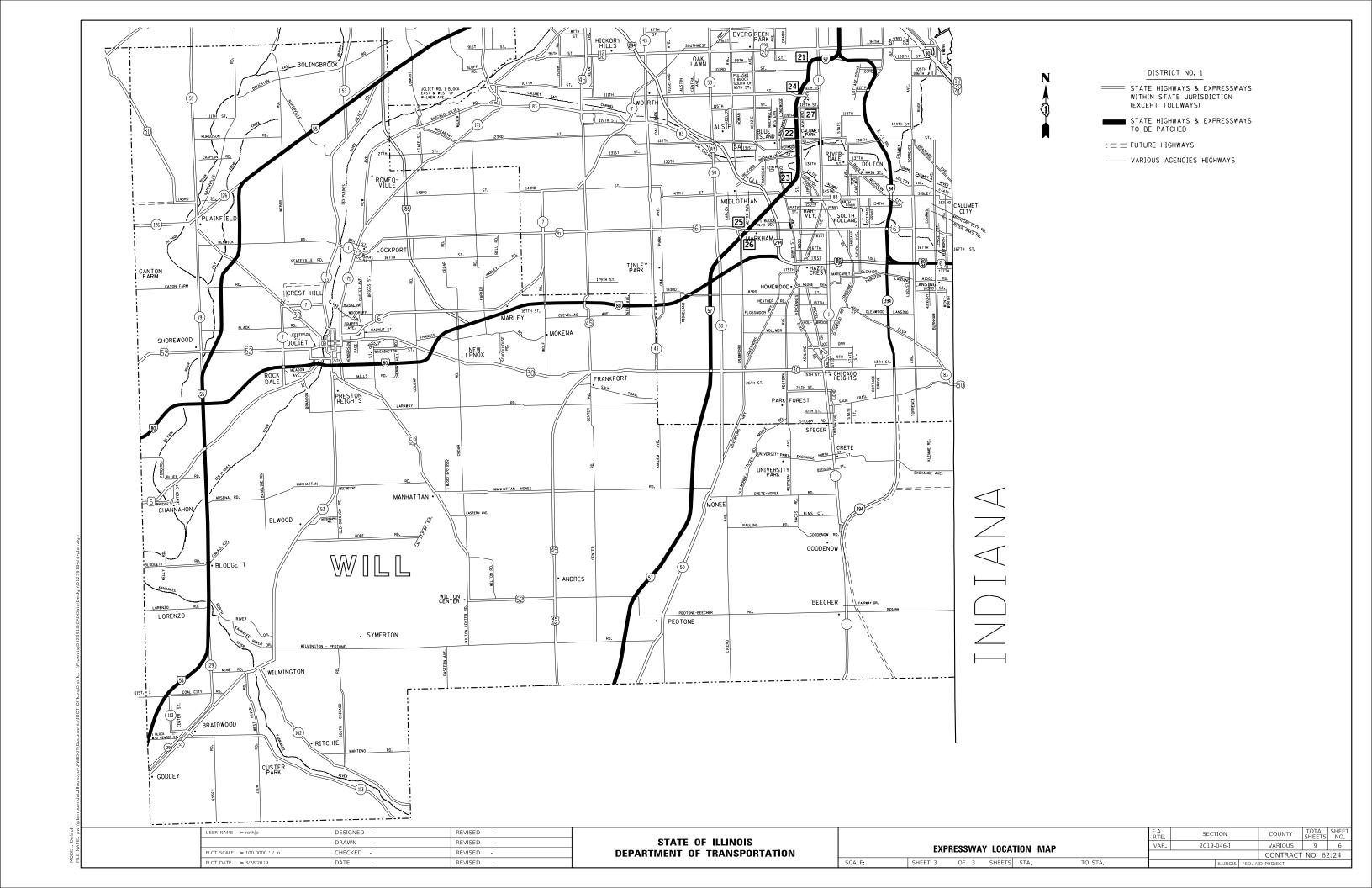
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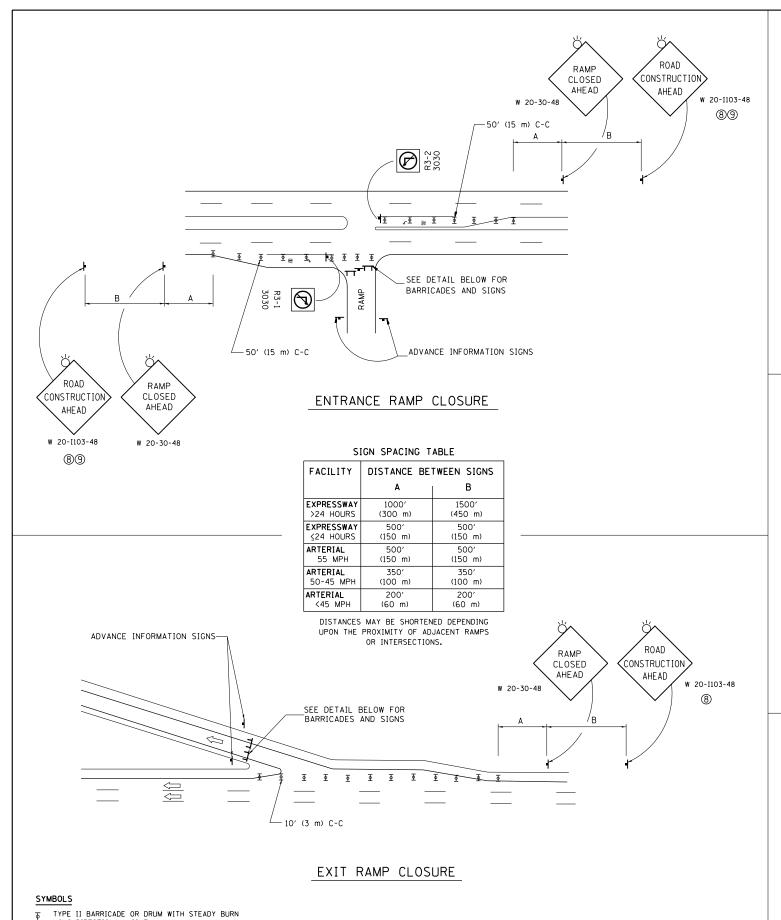
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	ΔND	GENERAL	NOTES		VAR.	2019-046
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	SUMMARY OF QUANTITIES		URBAN	100% STATE		1131166116		- CDL			SUMMA	RY OF QUANTITIES					1112 001	JL	
CODE NO	ITEM	UNIT	TOTAL QUANTITIES							CODE NO		ITEM	UNIT	TOTAL QUANTITIES					
64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	6	6															
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	8	8															
64300370	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	2	2															
64300770	IMPACT ATTENUATORS (SEVERE USE, NARROW), TEST LEVEL 3	EACH	12	12															
64300920	IMPACT ATTENUATORS (SEVERE USE, WIDE), TEST LEVEL 3	EACH	2	2															
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	65	65															
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	55	55															
70100430	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	EACH	30	30															
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	30	30															
x6431220	REMOVE AND REPLACE IMPACT ATTENUATOR SAND MODULE	EACH	640	640															
X7010808	TRAFFIC CONTROL AND PROTECTION, STANDARD TC8	EACH	110	110															
X7010809	TRAFFIC CONTROL AND PROTECTION, STANDARD TC9	EACH	12	12															
X7010817	TRAFFIC CONTROL AND PROTECTION, STANDARD TC17	EACH	5	5															
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1000	1000															
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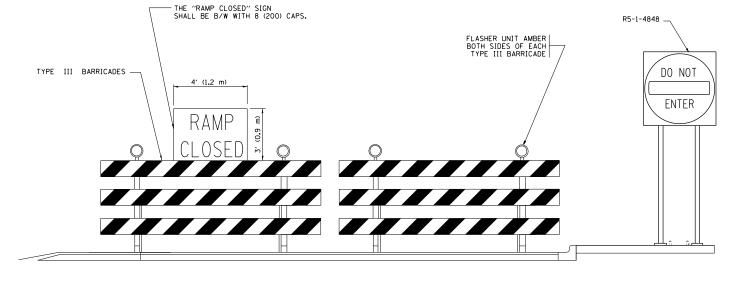








TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

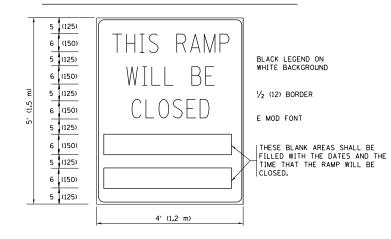
#### RAMP CLOSURE ADVANCE INFORMATION SIGN

RAMP CLOSED & 8 8 9 9

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.
- STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- (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.
- (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.
- (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.
- 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.

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