012

11-08-2019 LETTING ITEM 012

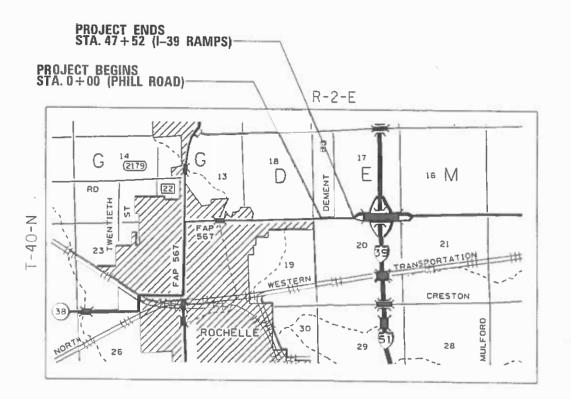
FOR INDEX OF SHEETS & STATE STANDARDS SEE SHEET NO. 2

### STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

# PROPOSED HIGHWAY PLANS

FAP 567 (IL-38)
SECTION D2 PP 2020-2
OGLE COUNTY
C-92-091-19



GROSS LENGTH OF PROJECT = 4752 FT = 0.90 MILES

NET LENGTH OF PROJECT = 4752 FT = 0.90 MILES

TOWNSHIP (SECTION):

DEMENT (17)

J.U.L.I.E.

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

CONTRACT NO. 64N93

FAP 567 (IL-38) SECTION: D2 PP 2020-2

**OGLE COUNTY** 

TOTAL SHEETS NO. 567 D2 PP 2020-2 OGLE 4 1

CONTRACT NO. 64N93

D-92-059-19



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August #2, 20/9

REGION ENGINEER

ENGINEER OF DESIGN AND ENVIRONMEN

DIRECTOR OF HIGHWAYS, PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV. 10/16/19

### **INDEX**

1	Cover Sheet
2	Index of Sheets / State Standards
3	Summary of Quantities

General Notes

# **DISTRICT STANDARDS**

Work Zone Sign Details
 Traffic Control & Protection at Turn Bays (To remain Open to Traffic)

FAP 567 (IL 38) **SECTION D2 PP 2020-2** OGLE COUNTY CONTRACT NO. 64N93 Sheet 2 of 4

# **STATE STANDARDS**

420001-09	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-09	CLASS B PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15'(4.5m) TO 24"(600mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15'(4.5m) AWAY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRACERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-08	TRAFFIC CONTROL DEVICES
720011-01	METAL POST FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POST (FOR SIGNS & MARKERS)
	•

#### **SUMMARY OF QUANTITIES**

FAP 567 (IL 38) SECTION D2 PP 2020-2 OGLE COUNTY CONTRACT # 64N93 SHEET 3 OF 4

100% State

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
44200050	WELDED WIRE REINFORCEMENT	SQ YD	524
44200956	CLASS B PATCHES, TYPE II 9"	SQ YD	216
44200962	CLASS B PATCHES, TYPE III 9"	SQ YD	260
44200964	CLASS B PATCHES, TYPE IV 9"	SQ YD	264
44201298	DOWEL BARS 1 1/4"	EACH	960
44213200	SAW CUT	FOOT	2842
44213208	TIE BARS 1 1/4"	EACH	96
67100100	MOBILIZATION	L SUM	1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	15
X4400500	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	100
X8860400	DETECTOR LOOP, SPECIAL	FOOT	700

<sup>\*</sup> Specialty Items

# **GENERAL NOTES**

**PCC Pavement** 

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

Closed expansion joints on jointed pavements shall be re-established during the patching operations. Class B Patches - when the pavement requires patching at the location of the expansion joint, a new joint should be established using a dowelled expansion patch as shown on Highway Standard 442101. When the joint is closed, but does not require patching, an expansion joint may be formed by sawing the pavement and filling the saw cut with a preformed expansion joint filler meeting the requirements of Section 1051 of the Standard Specifications as shown on Standard 420001.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced.

All mandatory joint sealing for Class A, Class B, and Class B (Hinge Jointed) patches as shown on the plans will not be measured for payment. Optional sawing of the joint for the sealant reservoir will not be measured for payment.

For all concrete patching that will not be resurfaced, the concrete shall be struck off flush with the existing pavement surface at each end of the patch.

The Engineer reserves the right to check all patches for smoothness by the use of a 10' rolling straight edge set to a 3/16" tolerance in the wheel paths. Any patch areas higher than 3/16" must be ground smooth with an approved grinding device consisting of multiple saws. The use of bushhammer or other impact devices will not be permitted. Any patch with depressions greater than 3/16" shall be repaired in a manner approved by the Engineer.

The mandatory saw cuts for pavement patching are:

<u>Class A Patch</u>: Cut two transverse saw cuts at each end of the patch; one full depth and one partial depth. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

<u>Class B Patch</u>: Cut two transverse saw cuts outlining the patch and one transverse pressure relief saw cut. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

The mandatory saw cuts will be paid for at the contract unit price per Foot for SAW CUTS.

The Contractor shall be responsible for locating and protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

Tie bars shall be installed to tie PCC appurtenance to adjacent existing concrete pavement.

Tie the following to the existing concrete pavement

Length, size, and spacing of Tie Bars

Gutter or Curb & Gutter

Std. 606001

24" long No. 6 @ 36" centers

**PCC Base Course** 

Std. 353001

24" long No. 6 @ 36" centers

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES** 

SHEET NO. OF SHEETS STA.

| SECTION | COUNTY | TOTAL SECTION | SECTION |

Std. 420101 24" long No. 6 @ 36" centers

Tie bars to be installed in accordance with the applicable portions of Article 420.05(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

The Resident Engineer shall contact the Operations Field Engineer for the area before laying any patches.