

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-------------------|----------|--------------------|-----------|
| 332 | D3 IL 1 PP 2020-8 | IROQUOIS | 10 | 1 |
| | | ILLINOIS | CONTRACT NO. 66K06 | |

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
- 4-5. TYPICAL SECTIONS
- 6-7. SCHEDULES
- 8-9. CLASS B PATCHING DETAILS
10. DETAILS

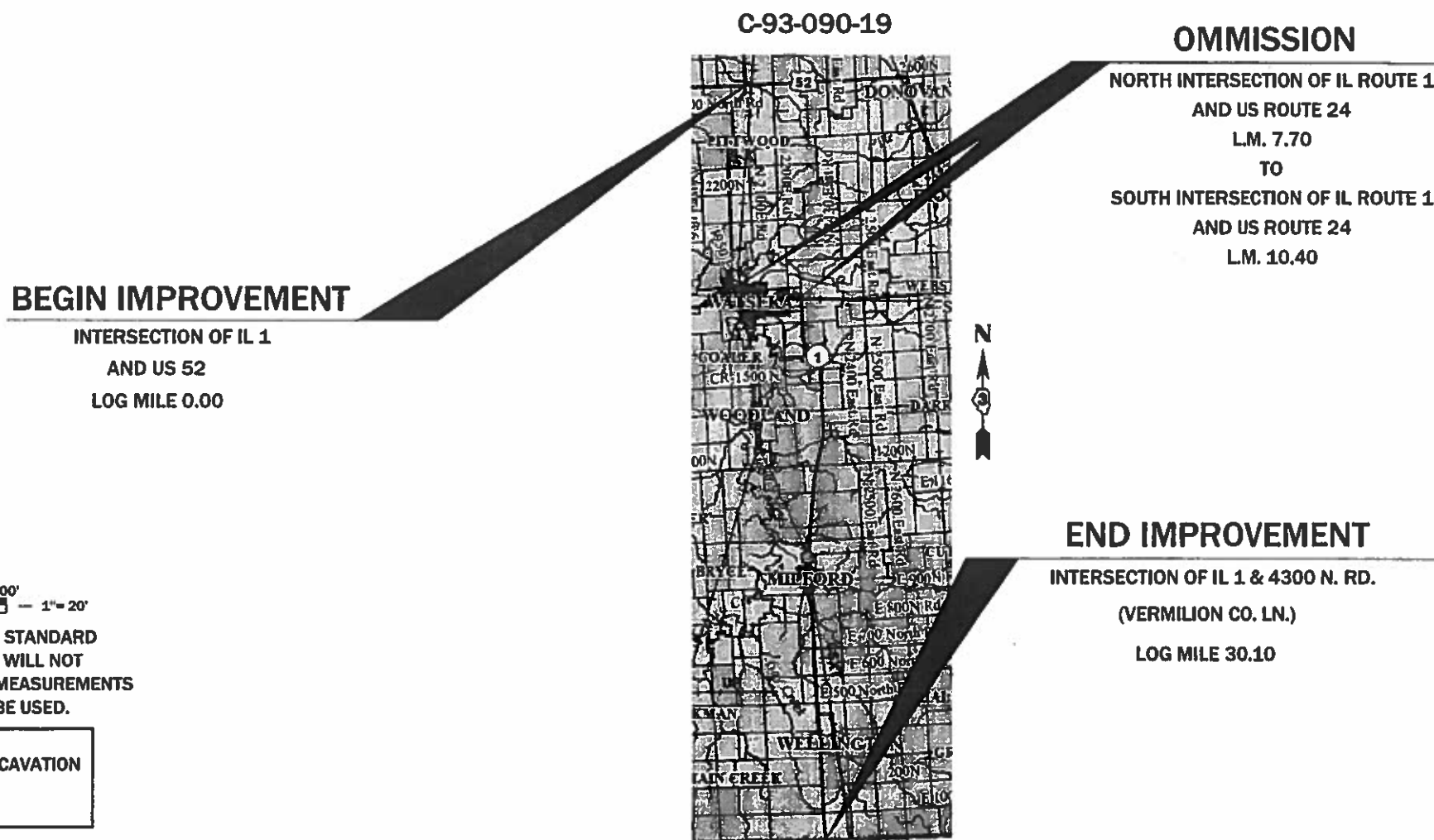
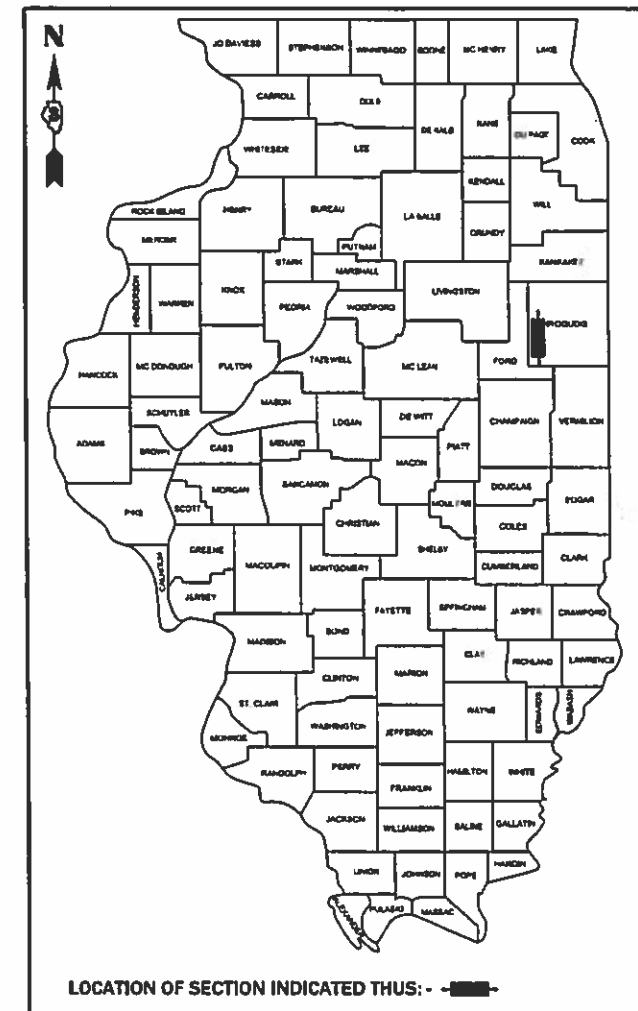
STANDARDS

- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
 701336-07 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
 701501-06 URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
 701901-08 TRAFFIC CONTROL DEVICES

PROPOSED HIGHWAY PLANS

FAP ROUTE 332 (IL 1)
SECTION D3 IL 1 PP 2020-8
PROJECT
PAVEMENT PATCHING
IROQUOIS COUNTY

D-93-066-19



OMMISSION

NORTH INTERSECTION OF IL ROUTE 1
AND US ROUTE 24
L.M. 7.70
TO
SOUTH INTERSECTION OF IL ROUTE 1
AND US ROUTE 24
L.M. 10.40

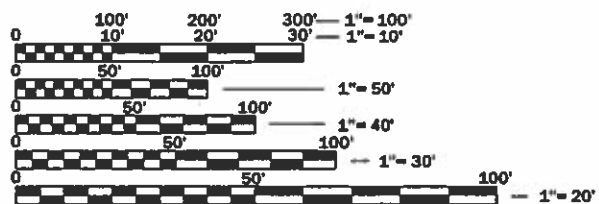
BEGIN IMPROVEMENT

INTERSECTION OF IL 1
AND US 52
LOG MILE 0.00

END IMPROVEMENT

INTERSECTION OF IL 1 & 4300 N. RD.
(VERMILION CO. LN.)
LOG MILE 30.10

FUNCTIONAL CLASSIFICATION
RURAL
MAJOR COLLECTOR
F.A.P. ROUTE 332 (IL 1)
2018 ADT = 2700
P.V. 53.33% S.U. 6.30% M.U. 40.37%



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 JOE KANNEL P.E.
UNIT CHIEF RON WOODSHANK
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66K06

GROSS LENGTH = 158928 FT. = 30.10 MILE
NET LENGTH = 158928 FT. = 30.10 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 3-28 2019
[Signature]
REGIONAL ENGINEER

May 10 2019
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2019
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

THE EXISTING CONCRETE PAVEMENT AROUND THE DETECTOR LOOPS SHALL BE AVOIDED UNLESS THE ENGINEER DETERMINES THAT PAVEMENT PATCHING IS REQUIRED. IF PATCHING FALLS WITHIN THE DETECTOR LOOP AREA, CONTACT TRAFFIC SIGNAL SECTION AT 815-434-8506.

COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *Don Bronil*
DISTRICT STUDIES & PLANS ENGINEER

DATE: *3-25-19*

EXAMINED BY: *[Signature]*
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

| | | | |
|---|--|-------------------------|-----------|
| FILE NAME = | USER NAME = MARINIEJ | DESIGNED - EVAN MARINI | REVISED - |
| <small>p:\planroom.dot\illinois.gov\PWIDOT\Documents\IDOT</small> | <small>files\District 3\Projects\0366K06\CADData\66K06-cover.dgn</small> | DRAWN - EVAN MARINI | REVISED - |
| Default | PLOT SCALE = 5.5129' / mm | CHECKED - RON WOODSHANK | REVISED - |
| | PLOT DATE = 3/11/2019 | DATE - 1/22/2019 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

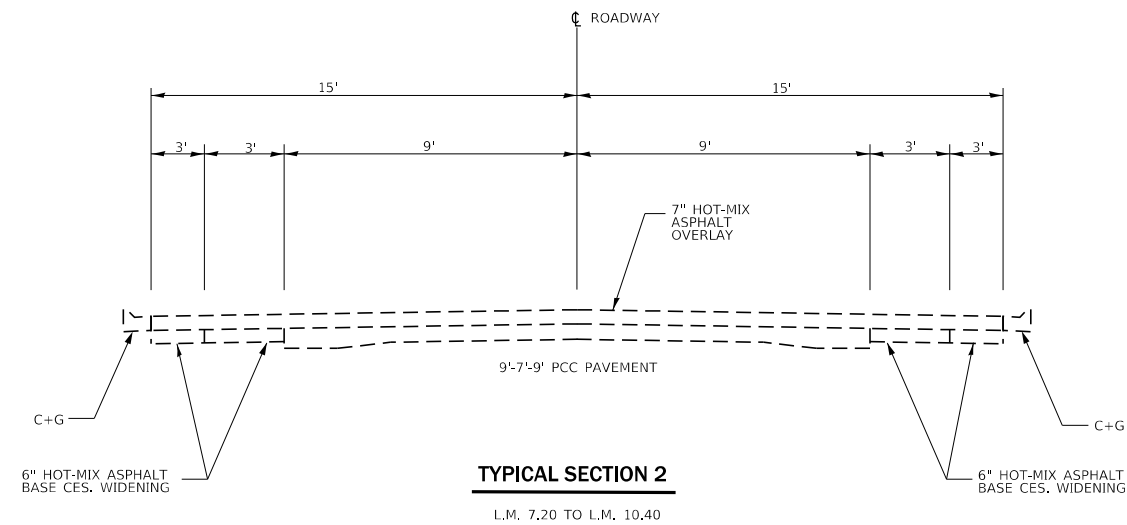
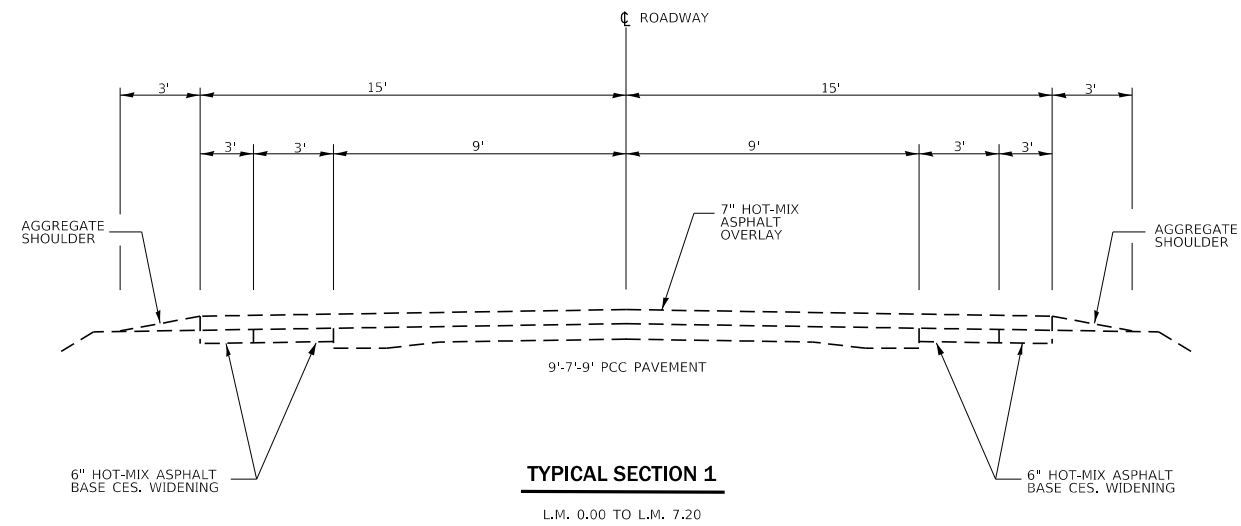
GENERAL NOTES

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

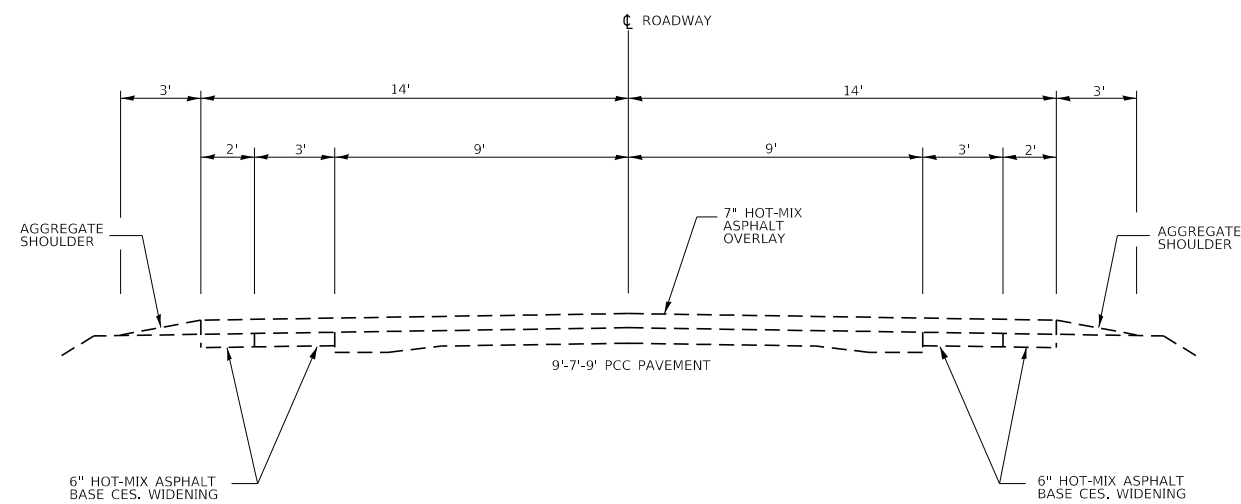
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 332 | D3 IL 1 PP 2020-8 | IROQUOIS | 10 | 2 |
| CONTRACT NO. 66K06 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTR. CODE |
|----------|---|-------|----------------|----------------------|
| | | | | CONTRACT MAINTENANCE |
| | | | | 100% STATE |
| | | | | ROADWAY |
| | | | | 0006 |
| | | | | RURAL |
| 4200060 | WELDED WIRE REINFORCEMENT | SQ YD | 93 | 93 |
| 44201043 | CLASS B PATCHES, TYPE II, 16 INCH | SQ YD | 1552 | 1552 |
| 44201047 | CLASS B PATCHES, TYPE III, 16 INCH | SQ YD | 99 | 99 |
| 44201048 | CLASS B PATCHES, TYPE IV, 16 INCH | SQ YD | 33 | 33 |
| 44201299 | DOWEL BARS 1 1/2" | EACH | 3280 | 3280 |
| 44213200 | SAW CUTS | FOOT | 8056 | 8056 |
| 44213204 | TIE BARS 3/4" | EACH | 62 | 62 |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 |
| X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | L SUM | 1 | 1 |
| Z0017099 | DOWEL BAR ASSEMBLY | EACH | 4 | 4 |
| Z0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 42 | 42 |

| | | | | | | | | | | | |
|---|---------------------------|-------------------------|-----------|---|------------------------------|--------------------|---------------------|--------------|---------------------------|-----------|--|
| FILE NAME = | USER NAME = MARINIEJ | DESIGNED - EVAN MARINI | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| pw2\planroom\dot\ilinois.gov\PWIDOT\Documents\DOT Offices\District 3\Projects\0366K06\CADData\66K06-cover.dgn | DRAWN - EVAN MARINI | REVISED - | 332 | | | D3 IL 1 PP 2020-8 | IROQUOIS | 10 | 3 | | |
| Default | PLOT SCALE = 5,5242' / mm | CHECKED - RON WOODSHANK | REVISED - | | | CONTRACT NO. 66K06 | | | | | |
| | PLOT DATE = 3/11/2019 | DATE - 1/22/2019 | REVISED - | | | SCALE: | SHEET 1 OF 1 SHEETS | STA. TO STA. | ILLINOIS FED. AID PROJECT | | |



| | | | | | | | | | | | | | | | |
|---|---|-------------------------|-----------|---|---------------------------|---------|------|----------------|---------|---------|-----------------|-------------------|----------|----|---|
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| pw\planroom\dot\ilinois.gov\pmdot\Documents\DOT | Office\District 3\Projects\D366K06\CADDData\66K06-cover.dgn | DRAWN - EVAN MARINI | REVISED - | | SCALE: | SHEET 1 | OF 2 | SHEETS | STA. | TO STA. | 332 | D3 IL 1 PP 2020-8 | IROQUOIS | 10 | 4 |
| Default | PLOT SCALE = 5,3354' / mm | CHECKED - RON WOODSHANK | REVISED - | | CONTRACT NO. 66K06 | | | | | | | | | | |
| | PLOT DATE = 3/11/2019 | DATE - 1/22/2019 | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | | | | |



TYPICAL SECTION 3

L.M. 10.40 TO L.M. 30.10

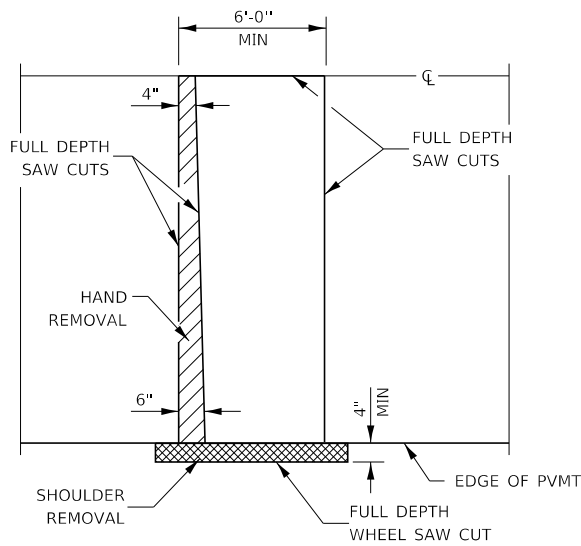
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|---|---------------------------|-------------------------|-----------|---|---|--|--|---------------------------|-------------------|----------|--------------|-----------|
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| | PLOT SCALE = 5.5129' / mm | CHECKED - RON WOODSHANK | REVISED - | | | | | 332 | D3 IL 1 PP 2020-8 | IROQUOIS | 10 | 5 |
| | PLOT DATE = 3/11/2019 | DATE - 1/22/2019 | REVISED - | | SCALE: SHEET 2 OF 2 SHEETS STA. TO STA. | | | CONTRACT NO. 66K06 | | | | |
| | | | | | | | | ILLINOIS FED. AID PROJECT | | | | |

PATCHING SCHEDULE - IL 1

| SOUTHBOUND LANE | | | | | | | | |
|------------------|--------------|---------|----------|---------|----------------------|----------|--------------------|------------------|
| LOCATION | PATCH LENGTH | CLASS B | | | DOWEL BARS 1 1/2" | SAW CUTS | WELDED WIRE REINF. | TIE BARS 3/4" |
| | | TYPE II | TYPE III | TYPE IV | | | | |
| LOG MILE | (FT) | 16" | 16" | 16" | EACH | FOOT | SQ YD | EACH |
| 0.10 | 6 | 10 | | | 20 | 48 | | |
| 0.20 | 6 | 10 | | | 20 | 48 | | |
| 0.60 | 6 | 10 | | | 20 | 48 | | |
| 0.70 | 6 | 10 | | | 20 | 48 | | |
| 0.70 | 6 | 10 | | | 20 | 48 | | |
| 0.90 | 6 | 10 | | | 20 | 48 | | |
| 1.00 | 6 | 10 | | | 20 | 48 | | |
| 1.10 | 6 | 10 | | | 20 | 48 | | |
| 1.40 | 6 | 10 | | | 20 | 48 | | |
| 2.80 | 6 | 10 | | | 20 | 48 | | |
| 3.20 | 6 | 10 | | | 20 | 48 | | |
| 3.40 | 6 | 10 | | | 20 | 48 | | |
| 3.60 | 6 | 10 | | | 20 | 48 | | |
| 3.80 | 6 | 10 | | | 20 | 48 | | |
| 4.30 | 6 | 10 | | | 20 | 48 | | |
| 4.50 | 6 | 10 | | | 20 | 48 | | |
| 4.60 | 6 | 10 | | | 20 | 48 | | |
| 4.80 | 6 | 10 | | | 20 | 48 | | |
| 5.10 | 6 | 10 | | | 20 | 48 | | |
| 5.60 | 6 | 10 | | | 20 | 48 | | |
| 6.60 | 6 | 10 | | | 20 | 48 | | |
| 6.70 | 8 | 13 | | | 20 | 52 | | 4 |
| 7.40 | 8 | 13 | | | 20 | 52 | | 4 |
| 7.60 | 8 | 13 | | | 20 | 52 | | 4 |
| 7.60 | 8 | 13 | | | 20 | 52 | | 4 |
| 11.20 | 6 | 9 | | | 20 | 48 | | |
| 12.30 | 6 | 9 | | | 20 | 48 | | |
| 13.10 | 6 | 9 | | | 20 | 48 | | |
| 13.60 | 6 | 9 | | | 20 | 48 | | |
| 13.70 | 6 | 9 | | | 20 | 48 | | |
| 17.70 | 6 | 9 | | | 20 | 48 | | |
| 17.90 | 6 | 9 | | | 20 | 48 | | |
| 19.50 | 8 | 12 | | | 20 | 52 | | |
| 19.70 | 6 | 9 | | | 20 | 48 | | |
| 19.80 | 6 | 9 | | | 20 | 48 | | |
| 20.30 | 6 | 9 | | | 20 | 48 | | |
| 20.50 | 6 | 9 | | | 20 | 48 | | |
| 20.60 | 6 | 9 | | | 20 | 48 | | |
| 21.00 | 6 | 9 | | | 20 | 48 | | |
| 21.40 | 6 | 9 | | | 20 | 48 | | |
| 21.50 | 6 | 9 | | | 20 | 48 | | |
| 21.60 | 6 | 9 | | | 20 | 48 | | |
| 22.00 | 6 | 9 | | | 20 | 48 | | |
| 25.60 | 6 | 9 | | | 20 | 48 | | |
| 25.90 | 6 | 9 | | | 20 | 48 | | |
| 26.60 | 6 | 9 | | | 20 | 48 | | |
| 26.70 | 6 | 9 | | | 20 | 48 | | |
| 26.70 | 6 | 9 | | | 20 | 48 | | |
| 26.80 | 6 | 9 | | | 20 | 48 | | |
| 26.90 | 6 | 9 | | | 20 | 48 | | |
| 27.20 | 6 | 9 | | | 20 | 48 | | |
| 29.80 | 6 | 9 | | | 20 | 48 | | |
| 30.00 | 6 | 9 | | | 20 | 48 | | |
| 30.10 | 6 | 9 | | | 20 | 48 | | |
| SUBTOTALS | | 526 | | | 1080 | 2612 | | 16 |

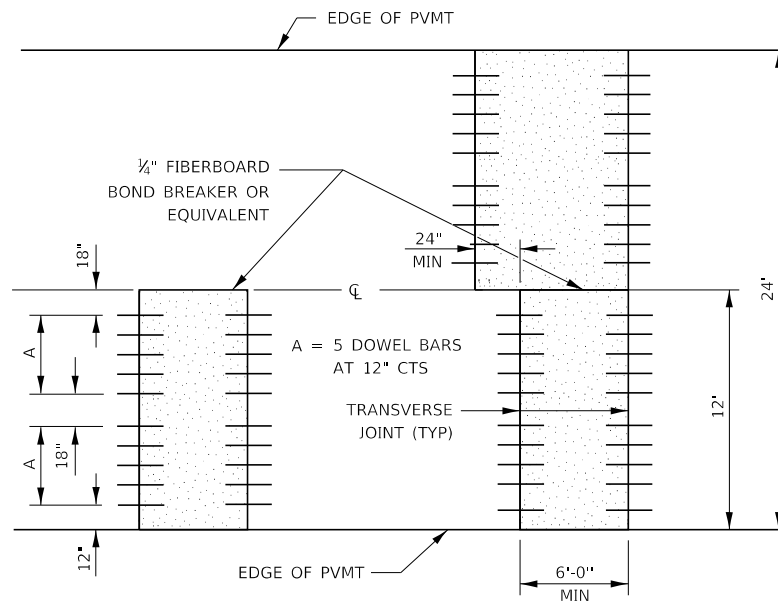
*CC&G Section 15-FT Wide w/ties to Curb

| | | | | | | | | | | | | |
|--|---|-------------------------|-----------|---|--------------------|---------|-------------|-------------|-------------------|-----------------------------|--------------|-----------|
| FILE NAME = | USER NAME = MARINIEJ | DESIGNED - EVAN MARINI | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SCHEDULES | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| pw:\planroom\dotillinois.gov\PWIDOT\Documents\IDOT | offices\District 3\Projects\D366K06\CADData\66K06-cover.dgn | DRAWN - EVAN MARINI | REVISED - | | | | | 332 | D3 IL 1 PP 2020-8 | IROQUOIS | 10 | 7 |
| Default | PLOT SCALE = 5.5242' / mm | CHECKED - RON WOODSHANK | REVISED - | | CONTRACT NO. 66K06 | | | | | | | |
| | PLOT DATE = 3/11/2019 | DATE - 1/22/2019 | REVISED - | | SCALE: | SHEET 2 | OF 2 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | |

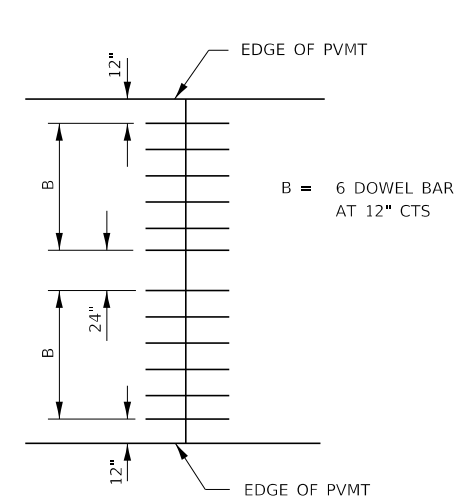


PAVEMENT SAWING DETAIL

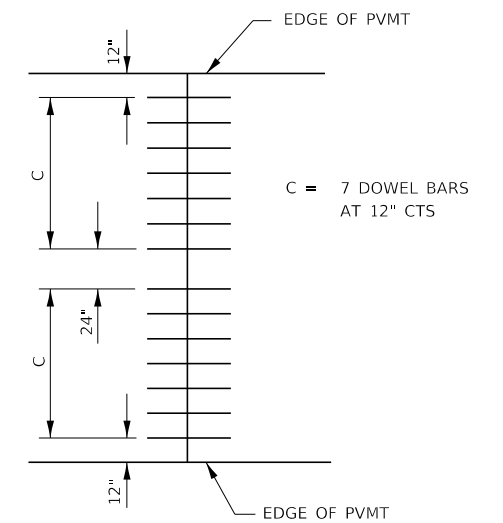
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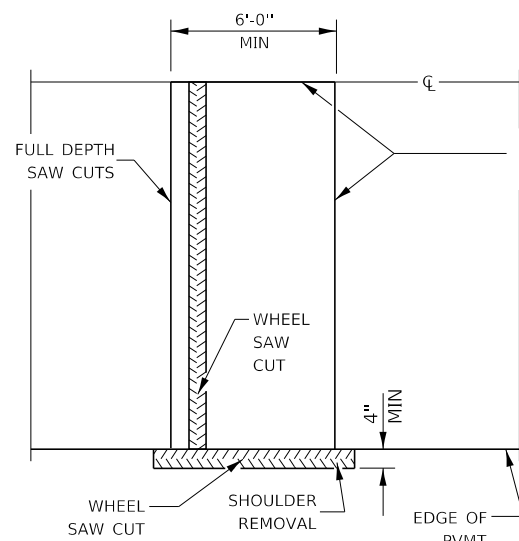
12' WIDE LANES



14' WIDE RAMP

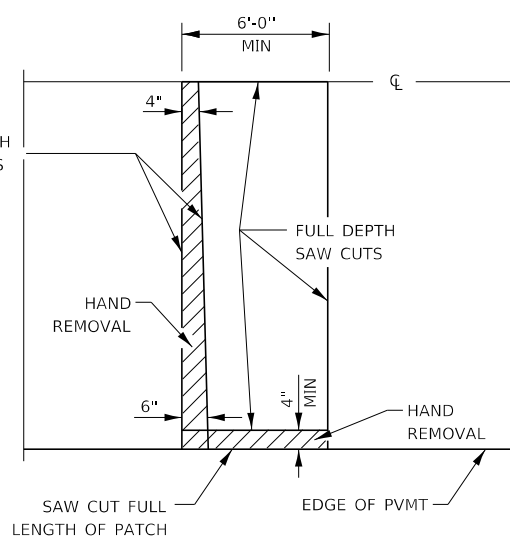


16' WIDE RAMP



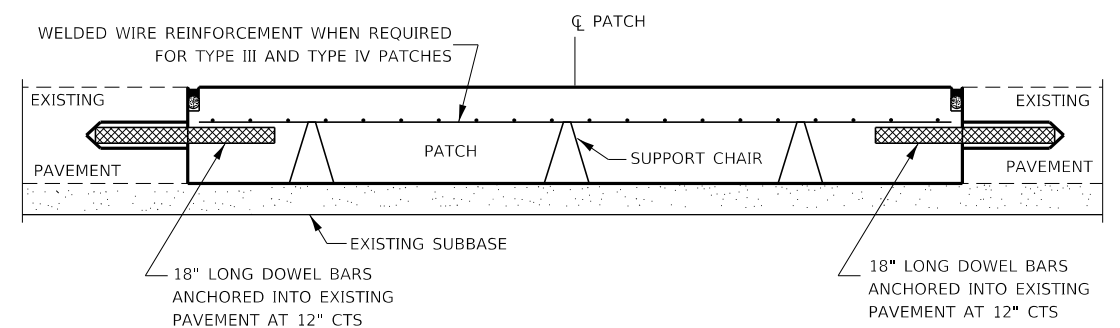
ALTERNATE SAWING DETAIL

(HMA SHOULDER)

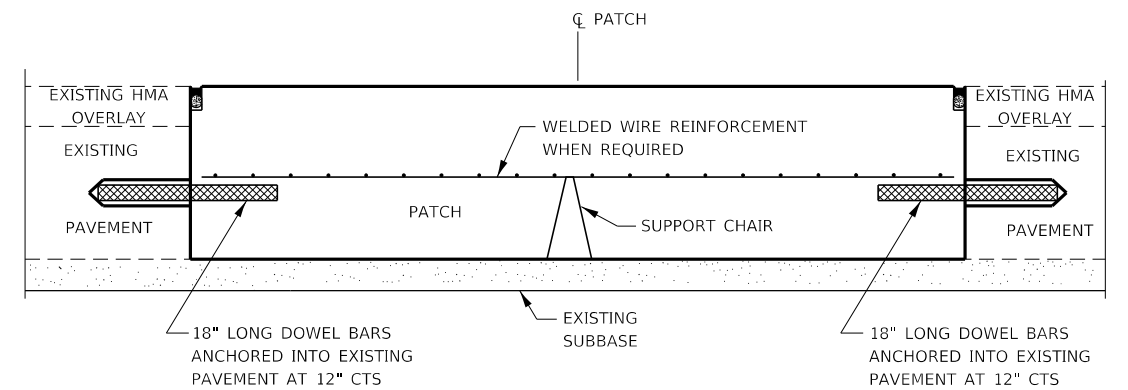


PAVEMENT SAWING DETAIL

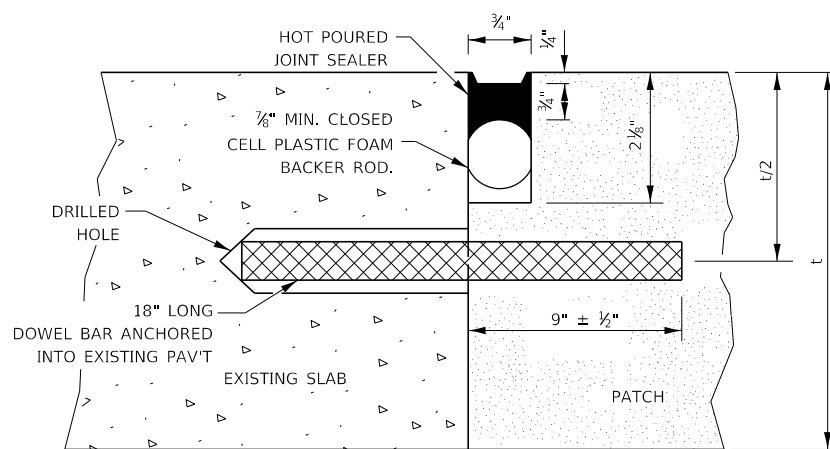
(PCC SHOULDER)



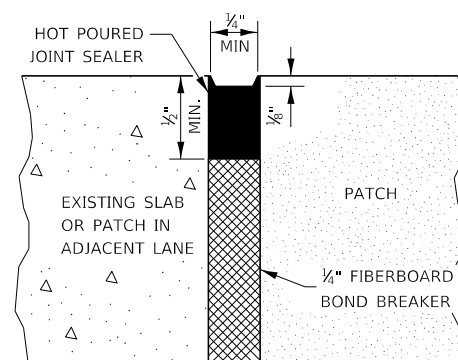
PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY



TRANSVERSE JOINT



CENTERLINE JOINT

| DOWEL BAR TABLE | | |
|--------------------|--------------------|---------------|
| PAVEMENT THICKNESS | DOWEL BAR DIAMETER | HOLE DIAMETER |
| 8" OR GREATER | 1 1/2" | 1 3/8" |
| 7" THRU 7.99" | 1 1/4" | 1 3/8" |
| LESS THAN 7" | 1" | 1 1/8" |

GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.

SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

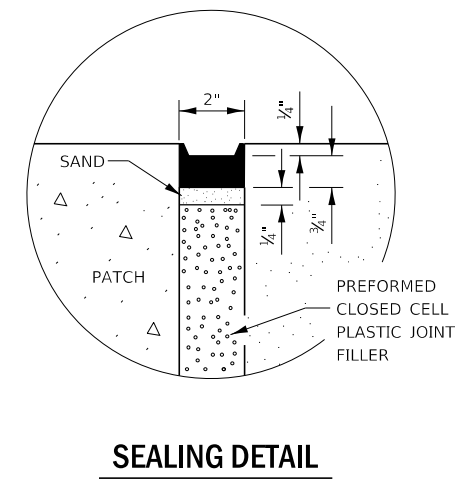
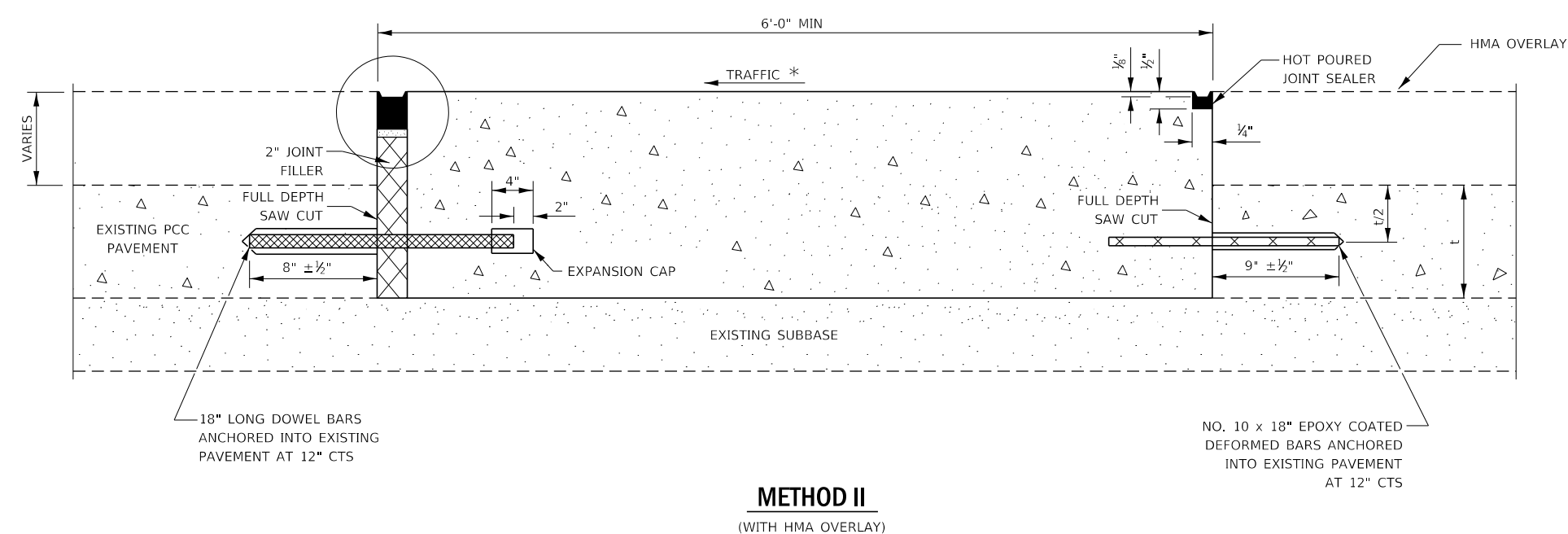
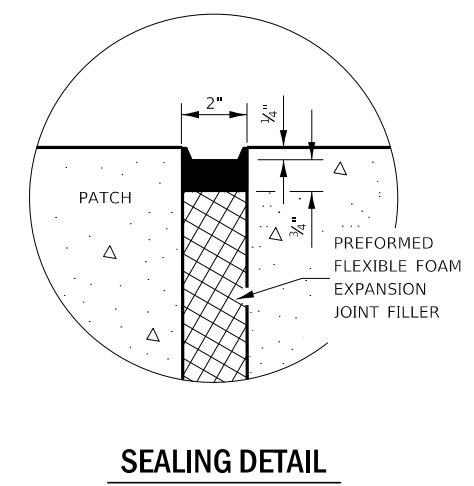
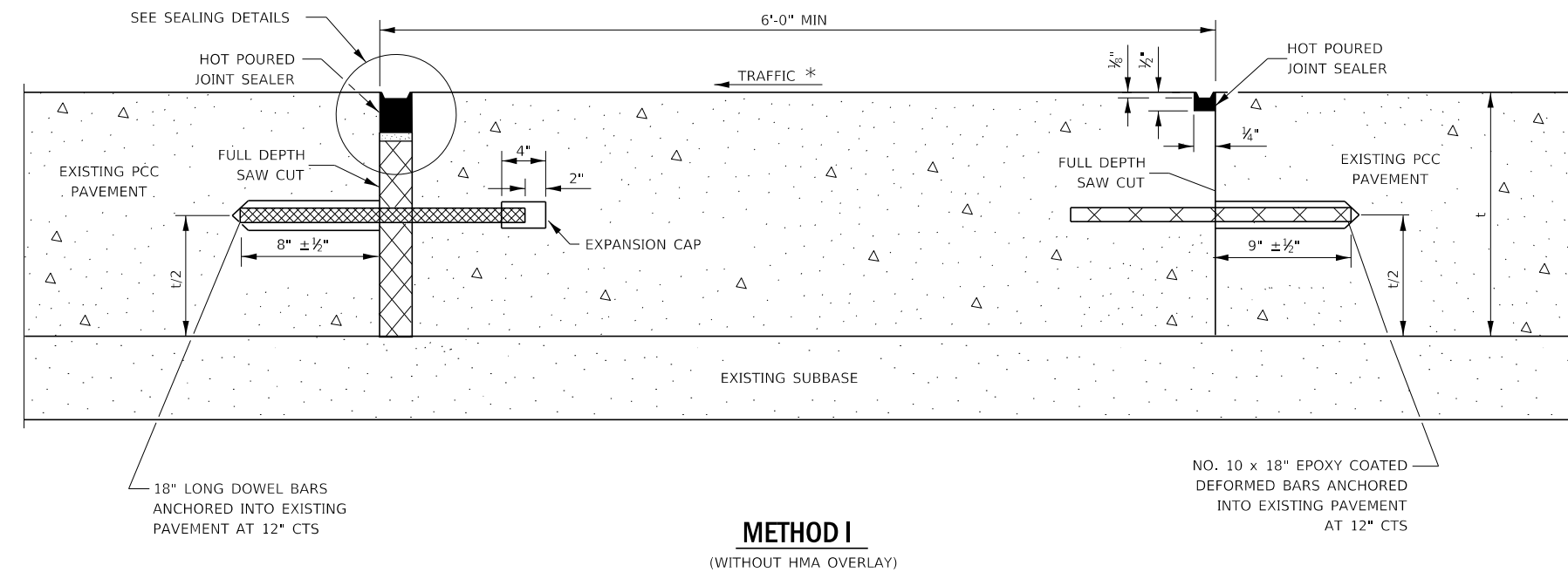
CLASS B PATCHING DETAILS

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

| | | | | |
|---------------------------|---------------------------|-----------------|-----------------|-------------|
| F.A.P. RTE. 332 | SECTION D3 IL 1 PP 2020-8 | COUNTY IROQUOIS | TOTAL SHEETS 10 | SHEET NO. 8 |
| CONTRACT NO. 66K06 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

MODEL: Default
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| | | |
|---------------------------|-------------------------|-----------|
| USER NAME = MARINEJ | DESIGNED - EVAN MARINI | REVISED - |
| PLOT SCALE = 5.5286' / mm | DRAWN - EVAN MARINI | REVISED - |
| PLOT DATE = 3/21/2019 | CHECKED - RON WOODSHANK | REVISED - |
| | DATE - 1/22/2019 | REVISED - |



NOTE

* WHEN RE-ESTABLISHING A TRANSVERSE EXPANSION JOINT ON A TWO-WAY ROAD, REVERSE THE ORIENTATION OF THE DOWEL BARS WITH RESPECT TO TRAFFIC FOR ONE OF THE PATCHES SUCH THAT THE JOINT WILL BE CONTINUOUS ACROSS BOTH LANES.

MODEL: Default
 FILE NAME: p:\blm\room\dot\illinois\gov\p\DOT\Documents\DOT - Offices\District 3\Projects\66K06\CAD\Detail\66K06-cover.dgn

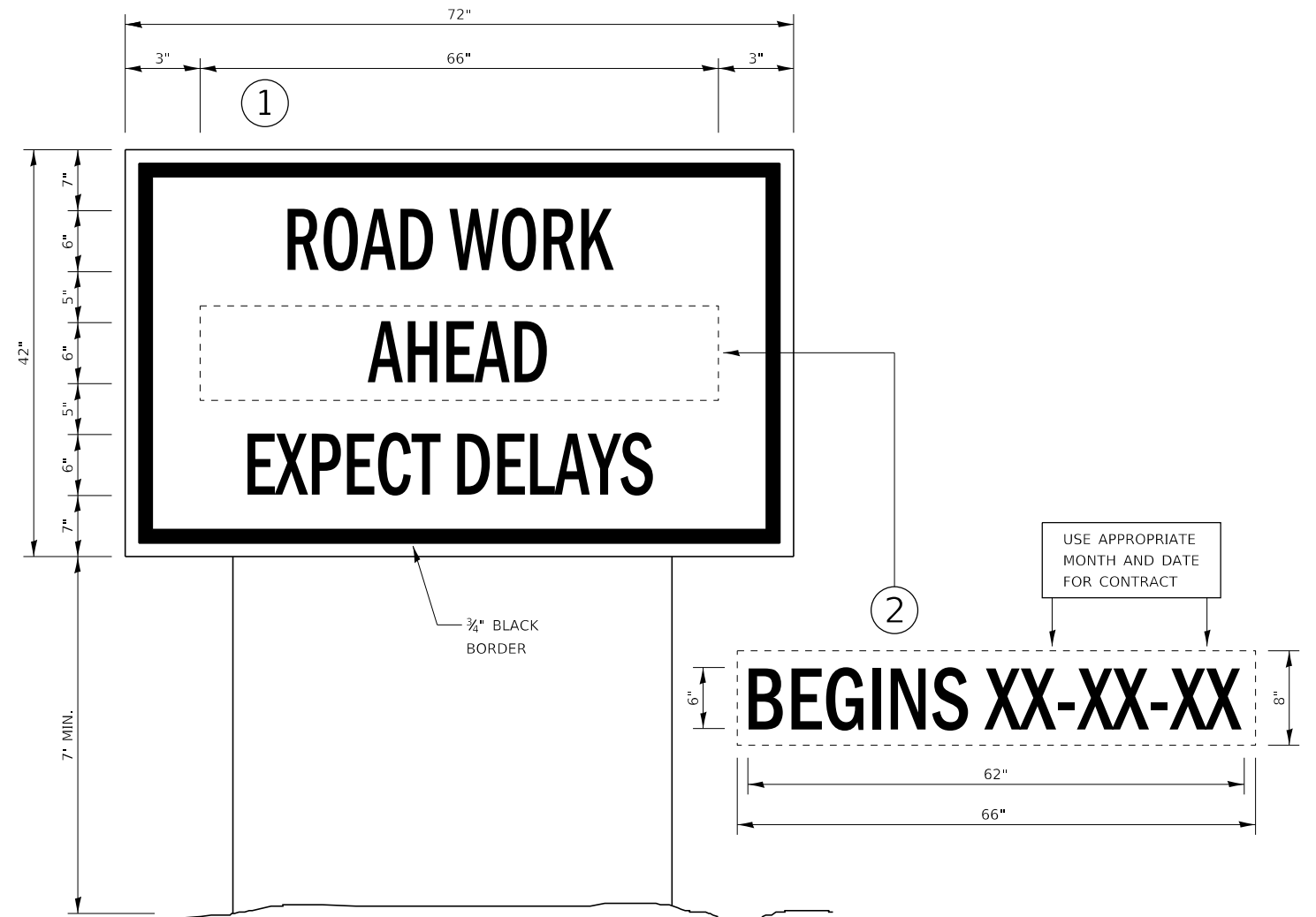
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| PLOT SCALE = 5.5169' / mm | DRAWN - EVAN MARINI | REVISED - |
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| | DATE - 1/22/2019 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CLASS B PATCHING DETAILS

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

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 332 | D3 IL 1 PP 2020-8 | IROQUOIS | 10 | 9 |
| CONTRACT NO. 66K06 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

| | | | | | | | | | | | | |
|---|---|------------------------|-----------|---|--------------------|---------|------|-------------|-------------------|----------|-----------------------------|-----------|
| FILE NAME - | USER NAME - MARINIEJ | DESIGNED - EVAN MARINI | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DETAILS | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| pw2\planroom_dot\illinois.gov\2\WIDOT\Documents\DOT | Files\District 3\Projects\0366K06\CADData\66K06-cover.dgn | DRAWN - EVAN MARINI | REVISED - | | | | | 332 | D3 IL 1 PP 2020-8 | IROQUOIS | 10 | 10 |
| PLOT SCALE - 5,5129 / mm | CHECKED - RON WOODSHANK | REVISED - | | | CONTRACT NO. 66K06 | | | | | | | |
| Default: | PLOT DATE - 3/11/2019 | DATE - 1/22/2019 | REVISED - | | SCALE: | SHEET 1 | OF 1 | SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | |