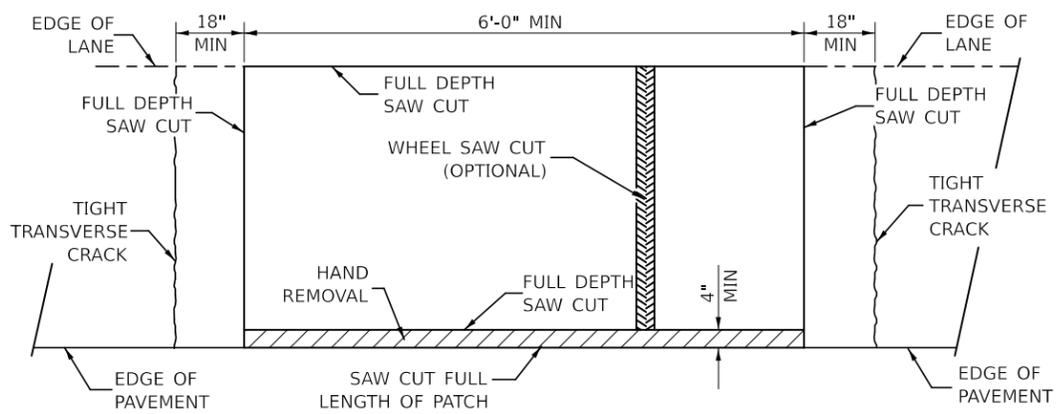
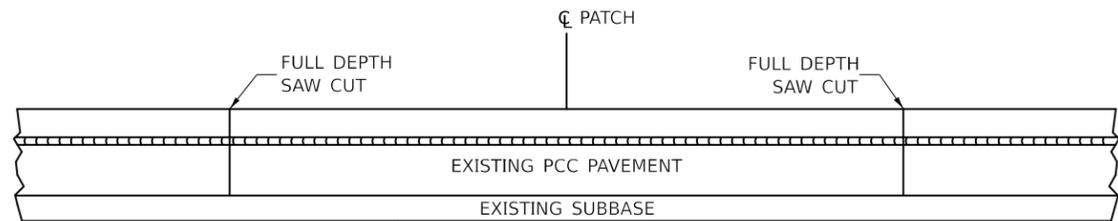


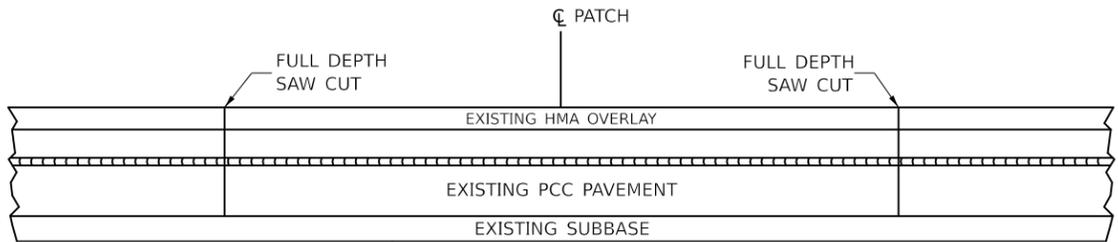
**PAVEMENT SAWING DETAIL  
(HMA SHOULDER)**



**PAVEMENT SAWING DETAIL  
(PCC SHOULDER)**

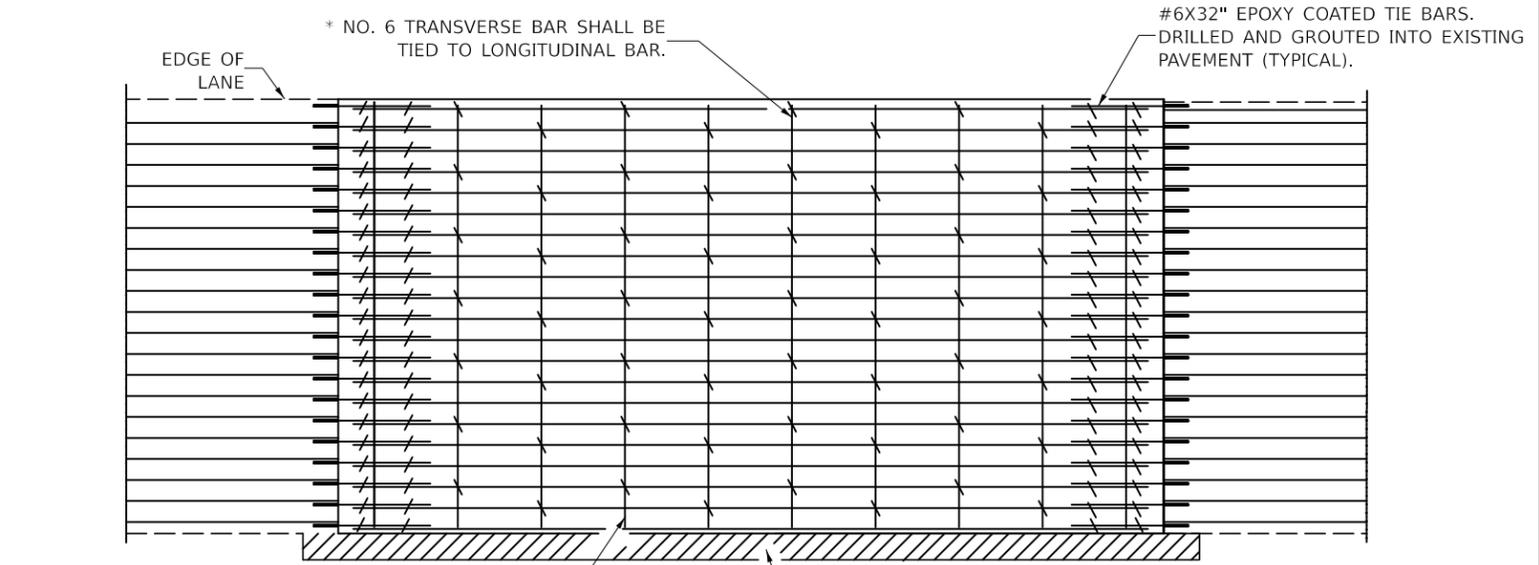


**EXISTING PAVEMENT WITHOUT HMA SURFACE**

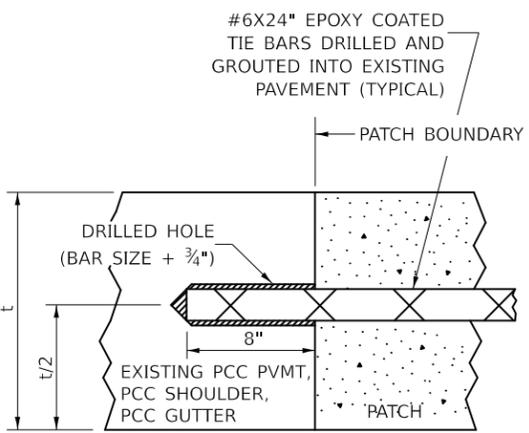


**EXISTING PAVEMENT WITH HMA SURFACE**

**PAVEMENT SAWING DETAIL FOR CLASS A PATCHING  
(CRC PAVEMENT)**



**PAVEMENT REINFORCEMENT DETAIL**



**LONGITUDINAL CONSTRUCTION JOINT**

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS.

**NOTES:**

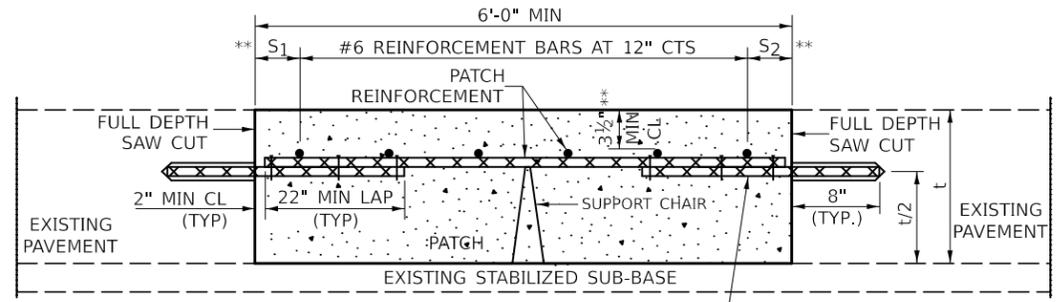
EXISTING LONGITUDINAL REINFORCEMENT SPACING; ±6 1/2".

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

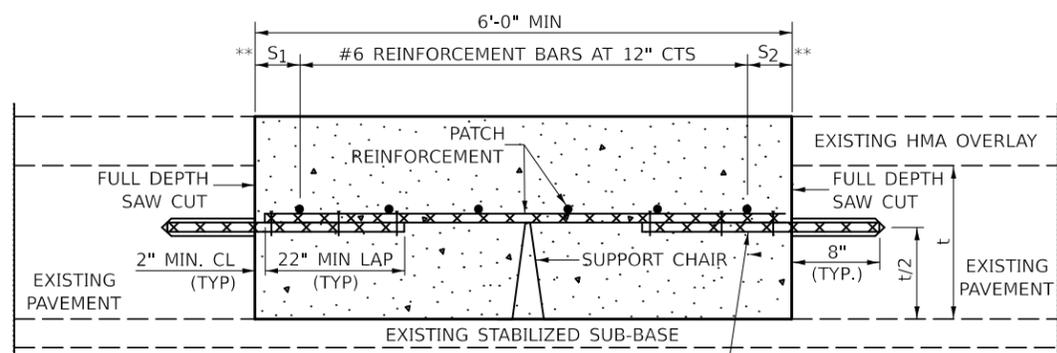
SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6'-0"

\* EVERY THIRD INTERSECTION MUST BE TIED. WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.

\*\* VARIABLES WHERE S<sub>1</sub> AND S<sub>2</sub> ARE 2 1/2" MIN. AND 12" MAX.



**WITHOUT HMA OVERLAY**



**WITH HMA OVERLAY**

**PATCHING DETAIL FOR CLASS A PATCHING  
(CRC PAVEMENT)**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

MODEL: SHT\_PLAN  
FILE NAME: C:\Bentley\CONNECT101\Organizer\ChivilDOT\_Standards\CivilDOT\_Sheets.cad

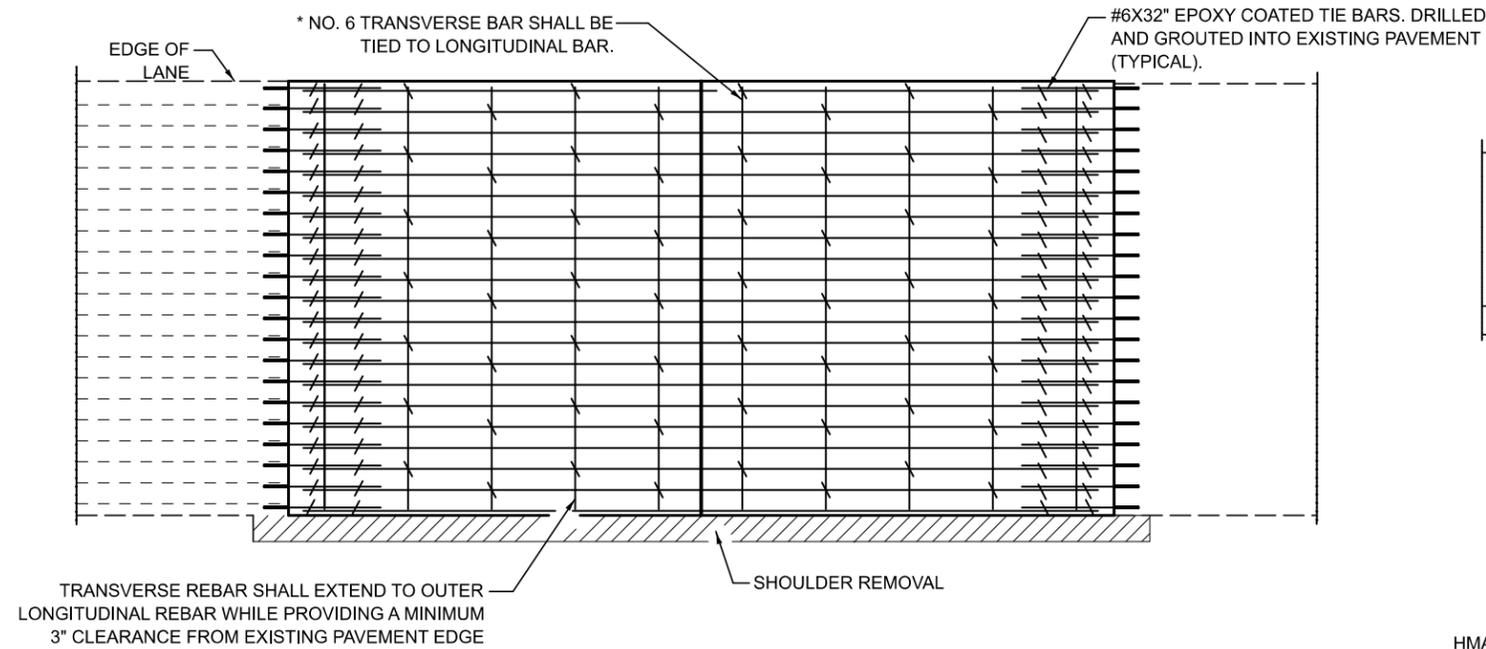
USER NAME = Eric.Thomas	DESIGNED - JWS	REVISED - 12/2023 - JWS
PLOT SCALE = \$\$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE - 01/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

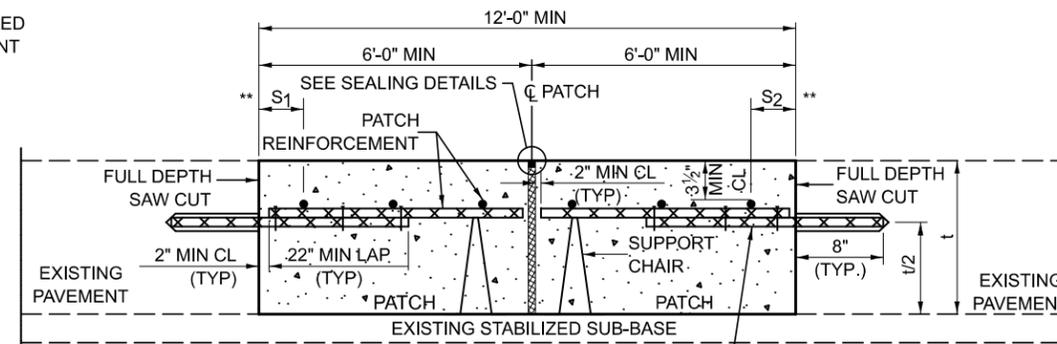
**CLASS A PATCHING (SPECIAL)**

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

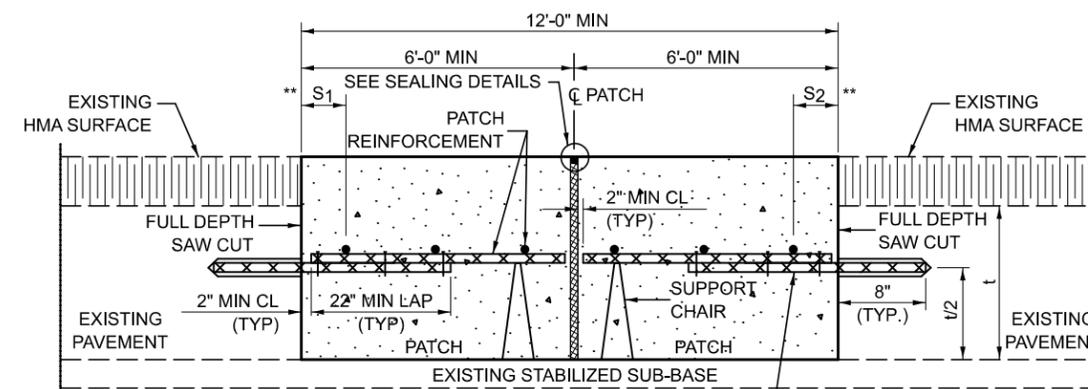
DISTRICT 5 DETAIL NO. 44200AAA				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



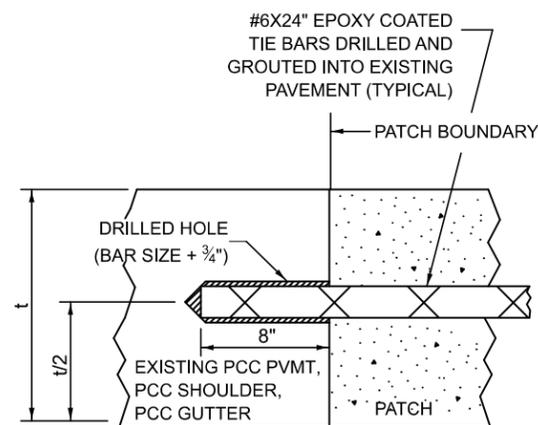
**PAVEMENT REINFORCEMENT DETAIL**



**WITHOUT HMA OVERLAY**

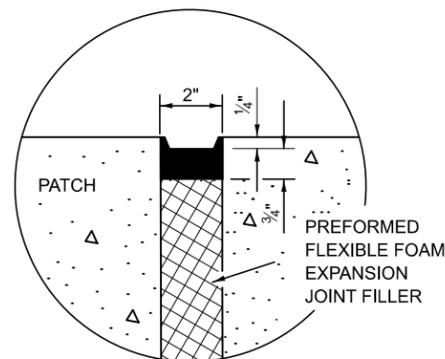


**WITH HMA OVERLAY**

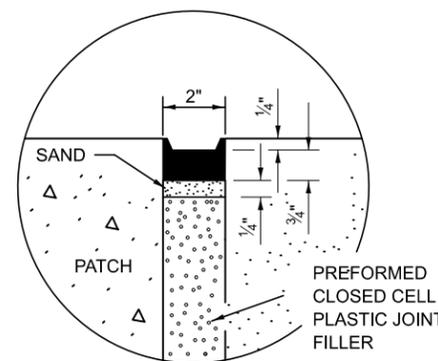


**LONGITUDINAL CONSTRUCTION JOINT**

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS.



**SEALING DETAIL**



**SEALING DETAIL**

**CLASS A PATCH WITH EXPANSION JOINT**

**NOTES:**

- EXISTING LONGITUDINAL REINFORCEMENT SPACING;  $\pm 6\frac{1}{2}$ ".
- SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.
- SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6'-0"
- \* EVERY THIRD INTERSECTION MUST BE TIED. WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.
- \*\* VARIABLES WHERE  $S_1$  AND  $S_2$  ARE  $2\frac{1}{2}$ " MIN. AND 12" MAX.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 5 DETAIL NO. 44200AAA**

USER NAME = Eric.Thomas	DESIGNED - JWS	REVISED - 12/2023 - JWS
PLOT SCALE = \$\$CALE\$	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE - 01/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CLASS A PATCHING (SPECIAL)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				