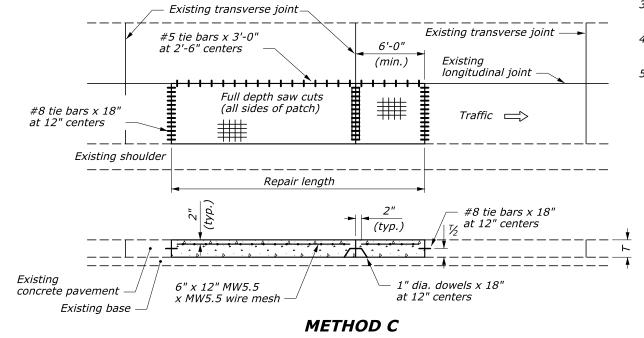
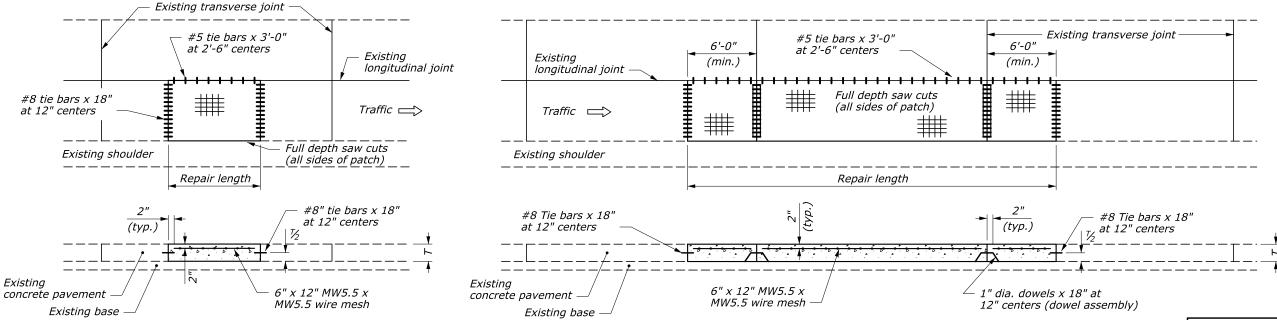
NOTES:

- 1. Drill holes for the dowels and tie bars simultaneously to the required depth using frame mounted drills which will maintain the drills parallel to profile and longitudinal joint.
- 2. See Detail ET 501-4 for pavement repair saw cuts for lift-out method.
- 3. Orient wire mesh so that the 12-inch dimension parallels the existing longitudinal joint.
- 4. An approved two-piece longitudinal tie device may be used in lieu of the #5 tie bars.
- 5. See Detail ET 501-1 for reinforcement for full depth concrete pavement repair.





METHOD D

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY DETAIL

CONCRETE **PAVEMENT PATCHING**

DETAIL APPROVED FOR USE DETAIL APPROVED: MAY 2011 REVISED: SEPTEMBER 2014 ET 501-3

Existing transverse joint

6'-0" '-0" 3'-0"

Repair

Length

(typ.)

METHOD A

METHOD B

Place bond breaker

#5 tie bars x 3'-0"

Full depth saw cuts

all sides of patch)

#8 tie bars x 18"

at 12" centers

6" x 12" MW5.5 x

MW5.5 wire mesh

at 2'-6" centers

#8 tie bars x 18"

at 12" centers

longitudinal joint

#8 tie bars x 18"

at 12" centers

Existing

Existing shoulder

Existing

concrete pavement

Existing base

NO SCALE