

01/2014

ACTION: Blade, Box & Lay Down
Machine Patching (TN)

PURPOSE: To correct large surface failures and settlements by blade or machine repair.

J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C

RECOMMENDED PROCEDURE:

1. Contact Dig Rite to locate utilities if needed.
2. Place traffic control devices as required. Review guidance for use of “Fresh Oil” and “Loose Gravel” signs [EPG 616.23.2.7.6](#) and “No Center Line” signs and pavement marking [EPG 616.23.2.5.7](#).
3. Mill out failed area (minimum of 2”) if needed.
4. Clean thoroughly
5. Shoot tack in area to be patched.
6. Spread material on tacked area.
7. Roll patch.
8. Allow hot mix to cool before opening to traffic.
9. Maintain Rumble Strip in accordance with [EPG 626](#).
10. Remove traffic control devices.

- Liquid Asphalt (tacking grade)
- Premixed Bituminous Material
- Hot Mix Asphalt
- Recycled Millings

OTHER CONSIDERATIONS: Tacking edges of milled area, or sealing the cold joint after patch has been rolled is helpful to ensuring longevity of patch.

REFERENCES: [Missouri Standard Specifications for Highway Construction](#) Section 401 (or equivalent), 1002, 1015.