

MAINTENANCE PLANNING GUIDELINES

2006

ACTIVITY: Roadway Shoulders
(R225)
MAJOR & MINOR

ACTION: Edge Ribbon

DEFINITION: The time and expenses incurred to expand installation and maintenance of asphalt concrete and aggregate roadway shoulder, approaches and clear zones.

PURPOSE: Eliminate shoulder drop-off by restoring shoulder template on asphaltic or bituminous shoulders adjacent to pavement.

SCHEDULING: As needed when pavement surfaces are 50°F or above. Reference the Incident Response Plan for priorities.

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

RECOMMENDED EQUIPMENT:

- Box Sled or Evener
- Motor Grader or Tractor
- Distributor
- Roller
- Dump Truck(s)
- Broom
- Traffic Control Equipment; (See EPG 616.23 [Traffic Control for Field Operations](#))

RECOMMENDED PROCEDURE:

1. Place traffic control devices as needed.
2. Broom edge area, if needed.
3. Tack area (maximum 24-in. wide).
4. Dump and spread mix with box sled or evener.
5. Roll.
6. Remove traffic control devices.

RECOMMENDED MATERIAL:

- Liquid Asphalt – Tack Grades
- Cold Mix
- Hot Mix

SAFETY: Clean any loose material from roadway surface before opening to traffic. Care should be taken to remove excess asphaltic material. Wear all appropriate PPE. Refer to [Safety Policies, Rules & Regulations – Employee Handbook](#).

OTHER CONSIDERATIONS: Care should be taken to maintain proper drainage by avoiding shoulder build-up above pavement surface. Use “Loose Gravel” and “Fresh Oil” signs, if needed.

REFERENCES: Missouri Standard Specifications for Highway Construction; Sections [401](#), [1004](#), [1015](#).



(1) Edge Ribbon – Tack Application



(2) Edge Ribbon – Front Blade and Sweeper



(3) Edge Ribbon – Blade and Sweeper



(4) Edge Ribbon – Striker Box



(5) Edge Ribbon – Striker Box