The following describes the roles and responsibilities for State Pugmill (PMRAP) projects:

### Maintenance and Operations
- Work with Project Development on lot management to ensure room for Pugmill operation
- Contract for Crushing/Screening (Paid under .00 WIN)
- Replace necessary X-pipes and drive pipes prior to project
- Add shoulder gravel prior to project if shoulders are being covered
  - Gravel placed at 0% and even with the existing pavement
  - Gravel placed 6” to 1’ beyond design width
- PMRAP trucking
- Traffic Control
  - Back-up the edge of pavement with a goal of 3:1 (2:1 in guardrail) or flatter after paving
  - Back-up drives daily for access and prepare for paving
- Ditch & Inslope – preferred to be after project since the roadway elevations can change dramatically
- Adjust/Replace/Add any needed guardrail

### Project Development
- Contract for:
  - Pugmill placement
  - Butt Joints
  - HMA
  - Curb
  - Temporary Painted Stripe once surface is complete
- Supply Inspection staff
- Coordinate winter meetings with the appropriate Maintenance and Project Development personnel in each Region to discuss upcoming projects
- Liaison between pugmill & laydown operations
- Quality assurance

WIN .00 pays for:
- Crushing
- Silo Rental
- Emulsion
- Cement
- Possession Charge
- Equipment Rental

WIN .10 pays for:
- PMRAP placement
- HMA Production/Lay Down/Tack
- Shoulder Gravel - Placement
WIN .55 pays for:
- PMRAP Trucking
- Traffic Control
- Rebuilding Shoulders
- X-Pipes
- PMRAP Production
- Guardrail
- Shoulder Gravel - Material

**Lane Matching**

- If the centerline drop-off is 2” or less, PMRAP placement may be done for two consecutive days in the same lane before matching lanes.

- If the centerline drop-off is greater than 2”, the adjoining lane will be matched daily.

- Lanes will be matched up for the weekend.

**Backing Up Pavement**

- See [Shoulder Backup, Delineation and Signing Policy for LCP and Pugmill Projects](#)

- Backing up shoulders will be complete by:
  - October 15th - north of Route 2 to Route 9
  - November 15th - south of Route 2 to Route 9