Maintenance Accountability Process (MAP)
Background Information on Targets Missed
CY 2013

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Keller Ferry Operations

Here’s What Maintenance Does:
• Operating the Keller Ferry service across Lake Roosevelt, connecting parts of SR 21

Here’s How Maintenance Measures:
• Level of Service Descriptions: Annual hours of operational downtime
  – LOS A = 40 or less
  – LOS B = 41 to 80
  – LOS C = 81 to 165
  – LOS D = 166 to 360
  – LOS F = more than 360

The Work Accomplished: N/A
• Work units are not applicable to this maintenance activity
Urban Tunnel System Operation

Here’s What Maintenance Does:
• Completes preventive maintenance on tunnel components, repairs and operates systems

Here’s How Maintenance Measures:
• Total number of annual closures to flammable loads
  LOS A = 0 - 5
  LOS B = 6 - 10
  LOS C = 11 - 25
  LOS D = 26 - 50
  LOS F = 50 or more
• Total Number of Closures = 9
  Preventive Maintenance Closures = 4 (Planned)
  Corrective/Repair Closures = 5 (Unplanned)

The Work Accomplished:
• Preventive maintenance tasks completed
  CY 13 Planned PM Tasks = 2,108
  CY 13 Delivered PM Tasks = 2,009 (95%)
  – Test Fire Suppression & HVAC Systems
  – Testing Emergency Phone Systems
Structural Bridge Repair

Here’s What Maintenance Does:
• Repairing structural bridge deficiencies including damaged expansion joints, truss members, piers, and other structural components

Here’s How Maintenance Measures:
• The percentage of priority one repairs completed
  LOS A = 90% - 100%
  LOS B = 80% - 89%
  LOS C = 65% - 79%
  **LOS D = 50% - 64%**
  LOS F = 50% or less

The Work Accomplished:
  CY 13 Planned Priority 1 Tasks = 586
  CY 13 Delivered Priority 1 Tasks = 317 (54%)
  – High cost/long duration repairs impact delivery

Example:
SR 169 Green River Gorge Expansion Joint
Step 1 + Step 2 + Step 3 = 1 Task Complete

Step 1: Containment Preparation

Step 2: Containment Complete

Step 3: Install Expansion Joint

CY 2013 Results
Slope Repair

Here’s What Maintenance Does:
• Removal of slope erosion materials from ditches and road shoulders as well as repair of undermined road shoulders

Here’s How Maintenance Measures:
• Percentage of centerline miles with slides or erosion encroaching on, or undermining the shoulder or traveled way.

- LOS A = 0 - 2%
- LOS B = 2.1% - 4%
- LOS C = 4.1% - 7%
- LOS D = 7.1% - 10%
- LOS F = more than 10%

The Work Accomplished: N/A
• Work units are not applicable to this maintenance activity

CY 2013
Pavement Striping Maintenance

Here’s What Maintenance Does:
• Re-painting stripes, or lane lines (i.e. skip lines, edge lines) when existing lane lines are worn

Here’s How Maintenance Measures:
• Level of Service Descriptions: Percentage of reflectivity readings that are greater than the acceptable standard (90 RL)
  – LOS A = 90% or more
  – LOS B = 70 to 89.9%
  – **LOS C = 40 to 69.9%**
  – LOS D = 20 to 39.9%
  – LOS F = less than 20%

The Work Accomplished:
• Work Units: Number of line miles re-painted
  – 2013 Planned Units = 25,596
  – 2013 Delivered Units = 24,501 (96%)
Ditch Maintenance

Here’s What Maintenance Does:
• Clean and reshape ditches to help ensure adequate flow of highway runoff from roadway

Here’s How Maintenance Measures:
• Percentage of ditches greater than 50% filled with sediment and/or debris
  LOS A = 0 – 1%
  LOS B = 1.1% - 5%
  LOS C = 5.1% - 10%
  LOS D = 10.1% - 15%
  LOS F = more than 15%

The Work Accomplished: N/A
• Work units are not applicable to this maintenance activity