# 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
     CY 2013

## 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

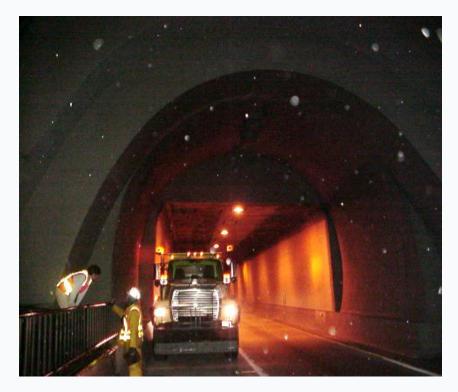
#### Here's How Maintenance Measures:

 Total number of annual closures to flammable loads

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%

**OS D = 50% - 64% CY 2013 Results** 

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





Containment
Complete





# **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.

### The Work Accomplished: N/A

 Work units are not applicable to this maintenance activity



# 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%
  - 10S C = 40 to 69.9%

CY 2013

- 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 =  $1.1\% - 5\%$   $\leftarrow$  CY2012  
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

