

# ROAD INVENTORY and EVALUATION

TR # \_\_\_\_\_ Road name: \_\_\_\_\_

Date of inspection: \_\_\_\_\_

**SEGMENT** Length: \_\_\_\_\_

Beginning: \_\_\_\_\_ End: \_\_\_\_\_

## WIDTH

Travelway: \_\_\_\_\_ feet Notes:

Shoulders: \_\_\_\_\_ feet Material: \_\_\_\_\_ Notes:

**SURFACE TREATMENT** [ ] gravel [ ] paved

---Gravel Road Problem Severity:

- [ ] **Low** - Good crown, little water ponding or evidence of the same; corrugations less than 1 inch deep; pot holes less than 2 inches deep and 1 foot in diameter; ruts less than 1 inch deep.
- [ ] **Medium** - Little crown or a bowl shaped surface, moderate water ponding or evidence of the same; corrugations 1-3 inches deep; pot holes 2-4 inches deep and 2+ feet in diameter; ruts 1-3 inches deep.
- [ ] **High** - Severe depressions in surface, large amounts of water ponding or evidence of the same; corrugations 3+ inches deep; pot holes 4+ inches deep and 2+ feet in diameter; ruts 3+ inches deep

---Major Problems :

---Paved Road Problem Severity:

- [ ] **Low** - Good crown, little water ponding or evidence of the same; few if any pot holes; little or no alligator, block or transverse cracking; little or no noticeable tire wear rutting; little or no asphalt bleeding; few patches.
- [ ] **Medium** - Little crown or a bowl shaped surface, moderate water ponding or evidence of the same; pot holes less than 2 inches deep and 1 foot in diameter; some alligator, block or random cracking which can be corrected with normal crack sealing; deteriorated crack sealing; some tire wear rutting; minor asphalt bleeding; some, but not extensive patching.
- [ ] **High** - Large amounts of water ponding or evidence of the same; pot holes more than 2 inches deep and 1 foot in diameter; alligator, block or random cracking which cannot be corrected with normal crack sealing; severely deteriorated crack sealing; significant tire wear rutting; large areas of asphalt bleeding; extensive patching.

---Major Problems :

**PARALLEL DRAINAGE**

## Problem Severity

- Low** - Small amount of ponding water or evidence of the same; little or no vegetation or debris.
- Medium** - Moderate amount of ponding water or evidence of the same; some vegetation or debris; erosion of ditches into shoulders or roadway
- High** - Large amounts of ponding water or evidences of the same; water running across or down road; a large amount of vegetation or debris; significant erosion of ditches into shoulder or roadway.
- Severe** - No parallel ditches along road; erosion has created ditches

**CULVERTS, DRAINAGE STRUCTURES and TAIL DITCHES**

Note location, size and condition of problem culverts, drainage structures and/or tail ditches.

**OVERALL CONDITION RATING**

- 5/excellent** - A newly constructed road. Excellent crown, drainage and surface.
- 4/good** - Recently regraded or paved with good crown and drainage and adequate surface layer.
- 3/fair** - Needs routine regrading, patching or crack sealing; or minor ditch maintenance.
- 2/poor** - Needs additional aggregate, chipping or pave; or major drainage maintenance.
- 1/failed** - Complete rebuilding required.

**ALIGNMENT - HORIZONTAL and VERTICAL**

## Problem Severity

- Low** - Few if any sharp curves; no grades in excess of 5 percent.
- Medium** - Some sharp curves; some grades in excess of 5 percent, but no severe grades in excess of 10 percent..
- High** - A combination of sharp curves and grades over 10 percent.

**TRAFFIC VOLUME**

- Low** - Serves less than ten dwellings with little through truck traffic.
- Medium** - Serves between ten and fifty dwellings with little through truck traffic.
- High** - Serves more than fifty dwellings, or carries more through truck traffic .

**SPECIAL FEATURES**

Notes on any special features such as guiderails, signs, utility poles, etc.

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**OTHER COMMENTS**