# Road Erosion Data Form

**General Information**

Site #: Road #: Mileage: UTM E: N:
T-R-S: Basin/zone: Watershed: Year road built:
Position: ridge / midslope / valley Surface: paved / new quarry rock / old rock / dirt
Condition: maintained / abandoned / drivable
Inspector(s): Date: Aerial photo: Photograph(s): Y / N

**Priority**

Upgrade / Upgrade ASAP Upgr. immediacy: H / M / L Upgr. complexity: H / M / L
Maintenance / Maintenance ASAP Main. immediacy: H / M / L Main. complexity: H / M / L

**Site Type**

Landslide Stream crossing Ditch relief Road surface

***Landslide***

Type: road fill failure / landing fill failure / cutbank slide / deep-seated landslide
Already failed: Y / N Potential failure: Y / N Distance to stream (ft): Slope (%):

***Stream Crossing***

Ditch/road length (ft) – L: R: Stream size: L / M / S Stream type: F / D / N
Chan. dimensions (ft) – W: D: Chan. x-section ($ft^2$): Chan. gradient (%):
Structure: corrugated/plate pipe / corrugated/plate pipe-arch / bottomless corrugated/plate arch / smooth-walled pipe / box / Humboldt / ford / low water crossing / dip Material: steel / aluminized steel / aluminum / plastic / concrete / wood / fill Headwall height (in): Inlet distance (ft):
Culvert diameter/span (in): Culvert length (ft): Culvert slope (%):
Sections: Separated: Y / N Invert: bare / substrate / weirs / baffles
Culvert condition (O,C,T,R,P) – inlet: bottom: outlet: % restricted:
Rustline (in) – inlet: outlet: Outlet distance (ft): Outlet drop (ft):
Adequate culv. size: Y / N D.P.: Y / N Diverted: Y / N % fill washed out:
Plug potential: H / M/H / M / L/M / L Sediment transport: H / M/H / M / L/M / L

***Ditch Relief***

Delivery: Y / N Exposed pipe (ft): Outlet drop (ft): Downspout: Y / N
Downspout material: metal / plastic / sock

***Ditch***

Condition: F / E / S Slope (%) – L: R:

***Road Surface***

Gullied Rutted Bermed Ponding Soft spots Distance (ft):

***Fish Passage***

Outlet drop (ft) – bankfull: Maximum step height below culvert outlet (ft):
Outlet pool dimensions (ft) – now: L: D: bankfull: L: D:

***Erosion***

Erosion potential: H / M / L
Past erosion ($yds^3$): Delivery (%): Dimensions: W: D: L:
Future erosion ($yds^3$): Delivery (%): Dimensions: W: D: L:

**Comment on site:**_____

## TREATMENT

| | | | | |
|---|---|---|---|---|
| Clean/repair culvert | Berm inlet | Install culvert | Replace culvert | Size culvert |
| Excavate soil | Install critical dip | Install ford | Add trash rack | Add downspout |
| Reconstruct fill | Armor fill face up / down | $ft^2$: | Clean ditch ft: | Remove berm ft: |
| Rock surface ft: | Water bar | Jump weirs | No treatment | Treated |

**Comment on treatment:**_____