UDOT - STORM WATER POLLUTION PREVENTION PLAN

1. SITE DESCRIPTION

PROJECT LIMITS:
SR-20, 1 1/5 to SR-89, IRON and SANFELICE COUNTY, UTAH

PROJECT DESCRIPTION:
Provide passing lanes and shoulder improvements for 20 miles of
wetland material according to SSCR standards.

MAJOR SOIL DISTURBING ACTIVITIES:
(a) Clearing and grubbing
(b) Excavation
(c) Grading
(d) Placement of fill
(e) Cut and fill
(f) Others

TOTAL PROJECT AREA:
Approximately 200.00 hectares

TOTAL AREA TO BE DISTURBED:
Approximately 74.49 hectares

WEIGHTED RUNOFF COEFFICIENT
(AFTER CONSTRUCTION):
Approximately 0.36

EXISTING CONDITION OF SOIL & VEGETATIVE COVER AND % OF VEGETATIVE COVER:
70.5% Grasses and Shrubs
20.7% Bare Soil
10% Tree Spirals

NAME OF RECEIVING WATERS:
FRENCH WASH - DRAIN HOLLOW TO CEMENT - APPROX. DISTANCE 500 FT.
DRAIN HOLLOW - APPROX. AVERAGE DISTANCE 100 FT FROM TOP OF SLOPE
MIDLE SPRING WASH - APPROX. AVERAGE DISTANCE 400 FT FROM TOP OF SLOPE
SEIVER RIVER - BEAR CREEK TO YELLOW RIVER APPROX. DISTANCE 140 FT
BEAR CREEK - APPROX. AVERAGE DISTANCE 100 FT FROM TOP OF SLOPE

2a. EROSION AND SEDIMENT

2a. STABILIZATION PRACTICES:

- Temporary or Permanent Seeding
- Topsoil Replanting
- Mulching
- Erosion Control Blankets
- Vegetative Buffers
- Precision of Drains
- Manmade Surface Draining Practices

STD. SPEC. NO.:
0202
0231
0232
0233
0234
0235
0236
0237

2b. OFFSITE VEHICLE TRACKING AND DUST CONTROL:

- Comply with Section 01305

- SANITARY WASTE:
  - Comply with Section 01405

2c. APPROVED STATE OR LOCAL PLANS:

This storm water pollution prevention plan has been developed in
accordance with the provisions of the memorandum of understanding
between the UDOT and the Utah Department of Environmental
Quality and the best management practice (bmp) plans and has been
approved by the Utah Department of Water Quality.

- STRUCTURAL PRACTICES:

  - Silt Fences
  - Storm Drainage or Bale Barriers
  - Temporary Fences
  - Temporary Slope Drains
  - Brush Barriers
  - Drainage Ditches
  - Channel Liners
  - Rip Raps
  - Check Dams
  - Sediment Traps
  - Temp. or Permanent Sediment Basins
  - Pipe Inlet Protection
  - Pipe Outlet Protection
  - Drop-Inlet Barriers
  - Curbs and Gutters

- Off-Site Vehicle Tracking Control:

  - Will construction or placement of erosion control structures impact regulated wetlands?
  - Yes

3. MAINTENANCE:

- Comply with Section 02050 Paragraph 1.3. "Final Cleanup" and
  02055 Paragraph 1.5. "Maintaining the work during construction".

- Maintenance of control measures shall be, at a minimum, as necessary
  to ensure the continued effectiveness of maintenance efforts must be
  scheduled and accomplished after each storm event and prior
  to anticipated storm events.

4. INSPECTION:

- Comply with Section 02050 Paragraph 1.12. "Inspection of Work".

- Qualified personnel shall inspect disturbed areas, storage areas,
  erosion/sediment control measures and construction access locations:
  - At least once every fourteen days for sites not finally stabilized.
  - Before anticipated storm events that could result in substantial runoff.
  - Within 24 hours after a storm that results in 13 in. of runoff or greater.
  - At least once a month when runoff is unlikely or where sites
    have been stabilized.

5. NON-STORM WATER DISCHARGES:

- Comply with appropriate sections.

6. KEEPING PLANS CURRENT:

- This storm water pollution prevention plan shall be amended whenever:
  - There is a change in design, construction, operation or maintenance
    that has a substantial effect on the discharge of pollutants
    to the waters of the State.
  - Inspections or investigations by official indicate that the plan
    is ineffective in eliminating, minimizing or controlling the discharge
    of pollutants associated with construction activity.
  - There is a new contractor or subcontractor that will implement a
    measure of the storm water pollution prevention plan.

GENERAL NOTES:

- 1. This storm water pollution prevention plan shall be implemented in
  accordance with UDOT's water quality guidelines for roads and
  bridges construction contracts 003050 003060 003070 003080 003090
  and standard drainage sheet 100 1010 1020 1030 1040.
- 2. Contractor shall comply with the requirements of this storm water
  pollution prevention plan for any additional construction activities
  performed within the project limits not covered by this contract.