

STORMWATER SEDIMENT PREVENTION SHEET

SITE DESCRIPTION

EROSION AND SEDIMENT CONTROLS

PROJECT LIMITS: BEGINNING 2717 FEET EAST OF THE S/4 OF SECTION 4 T1N R10E
AND EXTENDING 1000 FEET EAST.

PROJECT DESCRIPTION: TWO LANE ROAD WIDENING AND RESURFACING WITH
REPLACEMENT OF COUNTY BRIDGE

SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES:

1. PLACE ALL TEMPORARY EROSION CONTROL DEVICES THAT WILL NOT INTERFERE
WITH TOPSOIL SALVAGING OPERATIONS.
2. PERFORM TOPSOIL SALVAGING OPERATIONS, PRESERVING ANY VEGETATION NOT
IMPEDING CONSTRUCTION.
3. PLACE REMAINING TEMPORARY EROSION CONTROL DEVICES AS REQUIRED OR NEEDED.
4. PERFORM GRADING AND BRIDGE OPERATIONS.
5. PLACE PERMANENT EROSION CONTROL DEVICES ON ULTIMATE SLOPES.
6. REMOVE TEMPORARY EROSION CONTROL DEVICES.

NOTE: THIS SHOULD INCLUDE MAJOR ACTIVITIES REQUIRED TO
 CONSTRUCT THE PROJECT & EROSION CONTROL ITEMS.

TOTAL AREA TO BE DISTURBED: 2.58 ACRES

NOTE: THIS AREA IS NORMALLY CALCULATED AS "R/W TO R/W"
 FOR THE EXTENTS OF THE PROJECT, INCLUDING ANY INCIDENTAL
 CONSTRUCTION, EACH PROJECT SHOULD BE ASSESSED INDIVIDUALLY.

WEIGHTED RUNOFF COEFFICIENT: 0.35

NOTE: THIS SHOULD BE DETERMINED BY THE HYDRAULIC DESIGNER FOR THE
 PROJECT. THIS VALUE SHOULD BE THE AVERAGE "C" FACTOR USED ON THE
 PROJECT. IT SHOULD BE BASED ON THE ANTICIPATED FUTURE LAND USE.

NAME OF RECEIVING WATERS: COALGATE RESERVOIR

NOTE: THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE
 MAP THAT ILLUSTRATES THE DRAINAGE CHARACTERISTICS AND
 RECEIVING WATERS FOR THIS PROJECT. THIS SHEET SHOULD ALSO BE
 USED WITH THE EROSION CONTROL SUMMARIES, PAY ITEMS, & NOTES.

SOIL STABILIZATION PRACTICES:

- TEMPORARY SEEDING
- PERMANENT SODDING, SPRIGGING OR SEEDING
- VEGETATIVE MULCHING
- SOIL RETENTION BLANKET
- PRESERVATION OF EXISTING VEGETATION

NOTE: TEMPORARY EROSION CONTROL METHODS MUST BE USED ON
 ALL DISTURBED AREAS WHERE CONST. ACTIVITIES HAVE CEASED FOR OVER
 21 DAYS. METHODS USED WILL BE AS SHOWN ON PLANS OR AS DIRECTED
 BY THE ENGINEER.

STRUCTURAL PRACTICES:

- TEMPORARY BRUSH SEDIMENT BARRIERS
- TEMPORARY SILT FENCE
- TEMPORARY SILT DIKES
- TEMPORARY BALE BARRIERS
- DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- SANDBAG BERMS
- ROCK FILTER DAMS
- TEMPORARY SLOPE DRAIN
- PAVED DITCH W/ DITCH LINER PROTECTION
- TEMPORARY DIVERSION CHANNELS
- RIP RAP
- TEMPORARY STREAM CROSSINGS
- TEMPORARY SEDIMENT BASINS
- TEMPORARY SEDIMENT TRAPS
- TEMPORARY SEDIMENT FILTERS
- TEMPORARY SEDIMENT REMOVAL
- INLET SEDIMENT FILTER
- STABILIZED CONSTRUCTION EXIT

OFFSITE VEHICLE TRACKING:

- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN
- EXCESS DIRT ON ROAD REMOVED DAILY

NOTES:

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FOLLOWING:

MAINTENANCE AND INSPECTION:

All erosion and sediment controls will be maintained in good working order from the beginning of construction until an acceptable vegetative cover is established. Inspection by the Contractor and any necessary repairs shall be performed once every 7 calendar days and within 24 hours after any storm event greater than 0.5 inches (as recorded by a non-freezing rain gauge to be located on site). Potentially erodible areas, drainage ways, material storage, structural devices, construction entrances and exits along with erosion and sediment control locations are examples of sites that need to be inspected.

WASTE MATERIALS:

Proper management and disposal of construction waste material is required by the Contractor. Materials include stockpiles, surplus, debris and all other by-products from the construction process. Practices include disposal, proper materials handling, spill prevention and cleanup measures. Controls and practices shall meet the requirements of all Federal, State and Local agencies.

HAZARDOUS MATERIALS:

Proper management and disposal of hazardous waste materials is required. The Contractor is responsible for following manufacturer's recommendations, State and Federal regulations to ensure correct handling, disposal, spill prevention and cleanup measures. Examples include but are not limited to: paints, acids, cleaning solvents, chemical additives, concrete curing compounds and contaminated soils.

GENERAL NOTES:

A Stormwater Pollution Prevention Plan (SWPPP) is required to comply with the Oklahoma Pollution Discharge Elimination System (OPDES) regulations. This plan is developed during the design phase, confirmed in the pre-work meetings and available on the job site along with copies of the Notice of Intent (NOI) forms that have been filed with the Oklahoma Department of Environmental Quality (ODEQ). The basic goal of stormwater management is to improve water quality by reducing pollutants in storm water discharges. Runoff from construction sites has a potential for pollution due to exposed soils and the presence of hazardous materials used in the construction process. The prevention of soil erosion, containment of hazardous materials and / or the interception of these pollutants before leaving the construction site are the best practices for controlling stormwater pollution.

The following Subsections of ODOT's Standard Specifications book should be noted:

- 103.05 Bonding Requirements
- 104.10 Final Cleaning Up
- 104.14 Contractor's Responsibility for Work
- 106.08 Storage of Materials
- 107.01 Laws To Be Observed
- 107.15 Stormwater Management
- 220.01 - 05 Temporary Erosion, Sedimentation and Stormwater Pollution Prevention and Control

In addition:

- "EPA - Final NPDES General Permits for Stormwater Discharges From Construction Sites: Notices" Federal Register, Monday, July 6, 1998 - Volume 60, Number 126
- "ODEQ General Permit (OKR10) for Storm Water Discharges From Construction Activities within the State of Oklahoma." ODEQ, Water Quality Division, September 13, 2002

DESIGN	JOO		COALGATE RESERVOIR	COAL COUNTY
DRAWN			STORMWATER POLLUTION	
CHECKED			PREVENTION PLAN	
APPROVED			STATE JOB NO. 215021041 SHEET NO. 3A	
SOUND				

OKR2014298
 COAL COUNTY COMMISSIONER
 UNNAMED TRIBUTARY OF COON CREEK (AN ARM
 OF COALGATE RESERVOIR)
 BRIDGE REPLACEMENT
 ENCLOSURE 5 OF 9