

A. GENERAL SITE DATA

1. PROJECT LIMITS:

IH-30 FROM INDUSTRIAL TO FM549
CITY OF ROCKWALL

2. PROJECT SITE MAPS:

- * Project Location Map: Title Sheet & Project Layout
- * Major Controls and Locations of Stabilization Practices: SW3P
- * Project Specific Locations: To be specified by project field office and located in the project SW3P file
- * Surface Waters and Discharge Locations: SW3P Layout

3. PROJECT DESCRIPTION:

RELOCATION OF 16" WATER LINE ALONG THE NORTH AND SOUTH SIDE OF IH-30.

4. MAJOR SOIL DISTURBING ACTIVITIES:

TRENCHING FOR PIPE INSTALLATION.

5. EXISTING CONDITION OF SOIL & VEGETATIVE COVER AND % OF EXISTING VEGETATIVE COVER:

APPROXIMATELY 95% OF THE SITE IS COVERED WITH VARIOUS NATIVE AND IMPROVED GRASS THAT ARE IN GOOD CONDITION.

6. TOTAL PROJECT AREA: 3.5 Acres

7. TOTAL AREA TO BE DISTURBED: 1.4 Acres (40 % OF TOTAL PROJECT AREA)

8. WEIGHTED RUNOFF COEFFICIENT

BEFORE CONSTRUCTION: 0.35
AFTER CONSTRUCTION: 0.35

9. NAME OF RECEIVING WATERS:

BUFFALO CREEK

10. ENDANGERED SPECIES, DESIGNATED CRITICAL HABITAT AND HISTORIC PROPERTY:

A. No Endangered Species, Designated Critical Habitat or Historic Property has been found on this project site.

B. EROSION AND SEDIMENT CONTROLS

1. SOIL STABILIZATION PRACTICES:

(Select T = Temporary or P = Permanent, as applicable)

- | | |
|--|--|
| <input type="checkbox"/> TEMPORARY SEEDING | <input type="checkbox"/> PRESERVATION OF NATURAL RESOURCES |
| <input type="checkbox"/> MULCHING (Hay or Straw) | <input type="checkbox"/> FLEXIBLE CHANNEL LINER |
| <input type="checkbox"/> BUFFER ZONES | <input type="checkbox"/> RIGID CHANNEL LINER |
| <input type="checkbox"/> PLANTING | <input type="checkbox"/> SOIL RETENTION BLANKET |
| <input type="checkbox"/> SEEDING | <input type="checkbox"/> COMPOST MANUFACTURED TOPSOIL |
| <input type="checkbox"/> SODDING | <input type="checkbox"/> OTHER: (Specify Practice) |

2. STRUCTURAL PRACTICES:

(Select T = Temporary or P = Permanent, as applicable)

- | | |
|--|--|
| <input type="checkbox"/> SILT FENCES | <input type="checkbox"/> DIVERSION, INTERCEPTOR, OR PERIMETER DIKES |
| <input type="checkbox"/> HAY BALES | <input type="checkbox"/> DIVERSION, INTERCEPTOR, OR PERIMETER SWALES |
| <input type="checkbox"/> ROCK FILTER DAMS | <input type="checkbox"/> DIVERSION DIKE AND SWALE COMBINATIONS |
| <input type="checkbox"/> PIPE SLOPE DRAINS | <input type="checkbox"/> ROCK BEDDING AT CONSTRUCTION EXIT |
| <input type="checkbox"/> PAVED FLUMES | <input type="checkbox"/> TIMBER MATTING AT CONSTRUCTION EXIT |
| <input type="checkbox"/> CHANNEL LINERS | <input type="checkbox"/> STONE OUTLET STRUCTURES |
| <input type="checkbox"/> SEDIMENT TRAPS | <input type="checkbox"/> VELOCITY CONTROL DEVICES |
| <input type="checkbox"/> SEDIMENT BASINS | <input type="checkbox"/> CURBS AND GUTTERS |
| <input type="checkbox"/> STORM SEWERS | <input type="checkbox"/> STORM INLET SEDIMENT TRAP |
| <input type="checkbox"/> OTHER: | |

3. STORM WATER MANAGEMENT:

1. Storm water drainage will be provided by the existing storm drain system including ditches, inlets and storm watersystems that will carry drainage within the R.O.W. to the low points within the roadway and project site which drain to natural facilities.

2. Other permanent erosion controls include hydraulic design to limit structure outlet velocities and grading design generally consisting of 4:1 or flatter slopes with permanent vegetative cover.

4. STORM WATER MANAGEMENT ACTIVITIES: (Sequence of Construction)

The order of storm water management activities will be in accordance with the traffic control plan & consistent with SW3P layout.

5. NON-STORM WATER DISCHARGES:

Non-storm water discharges should be filtered, or held in retention basins, before being allowed to mix with storm water. These discharges consist of non-polluted ground water, spring water, foundation and/or footing drain water; and water used for dust control, pavement washing and vehicle washwater containing no detergents.

C. OTHER REQUIREMENTS & PRACTICES

1. MAINTENANCE:

All erosion and sediment controls shall be maintained in good working order. If a repair is necessary, it shall be performed at the earliest date possible but no later than 7 calendar days after the surrounding exposed ground has dried sufficiently to prevent further damage from heavy equipment. Disturbed areas on which construction activities have ceased, temporarily or permanently, shall be stabilized within 14 calendar days unless they are scheduled to and do resume within 21 calendar days. The areas adjacent to creeks and drainageways shall have priority followed by devices protecting storm sewer inlets.

2. WASTE MATERIALS:

Except as noted below, all waste materials shall be collected in a metal dumpster having a secure cover. The dumpster shall meet all state and local solid waste management regulations. All trash and debris from construction shall be deposited in the dumpster. The dumpster shall be emptied, as necessary or as required by local regulation, and hauled to a local approved land fill site. The burying of construction waste on the project site shall not be permitted.

Concrete washout areas shall be required and shall consist of a pit, lined with an impervious material, of sufficient size to contain, until evaporation, all water used and washout material produced during concrete washout operations. The concrete washout locations shall be as directed by the engineer.

Lime slaking tanks shall be surrounded by a earthen berm, capable of containing any overflow.

3. HAZARDOUS WASTE (INCLUDING SPILL REPORTING):

As a minimum, any products in the following categories are considered to be hazardous: paints, acids, solvents, asphalt products, chemical additives for soil stabilization and concrete curing compounds or additives. In the event of a spill which may be hazardous, the spill coordinator shall be contacted immediately.

4. SANITARY WASTE:

All sanitary waste shall be collected from the portable units, as necessary or as required by local regulation, by a licensed sanitary waste management contractor.

5. OFFSITE VEHICLE TRACKING:

The Contractor shall be required, on a regular basis or as may be directed by the Engineer, to dampen haul roads for dust control, stabilize construction entrances and to remove excess dirt from the roadway.

6. MANAGEMENT PRACTICES:

1. Disposal areas, stockpiles and haul roads shall be constructed in a manner that will minimize and control the amount of sediment that may enter receiving waters. Disposal areas shall not be located in any wetland, waterbody or streambed.

2. Construction staging areas and vehicle maintenance areas shall be constructed by the Contractor in a manner to minimize the runoff of pollutants.

3. All waterways shall be cleared as soon as practicable of temporary embankment, temporary bridges, matting, falsework, piling, debris or other obstructions placed during construction operations that are not a part of the finished work.

7. OTHER:

1. Listing of construction materials stored on site to be provided by Project Field Office.

2. The Project SW3P File located at the project field office shall contain the N.O.I., CGP Coverage Notice, TCEQ TPDES Form, Signature Authorization, Certification/Qualification Statements, Inspection Reports, Required Maps, and a copy of the TPDES General Permit No. TXR150000.

3. Prepare SW3P in accordance with special conditions (SC) SC.42, as shown in the contract documents.

\\usda11fp002\PM\Rockwall\IH30_UH111\FY\CADD\Sheet\REC 10.26.11\IH30U_SW3P-Plan_REC10.26.dgn 11/4/2011

RECORD DRAWING
This drawing is a compilation of the original sealed engineering drawing and modifications by addenda, change orders and information furnished by the contractor. Information shown that was provided by the contractor and others not associated with the design engineer cannot be verified for accuracy or completeness. Original sealed drawing is on file at the office of AECOM TECHNICAL SERVICES, Inc., TBPE REG. NO. F-3580

ORIGINAL DRAWING SEALED & SIGNED BY
T.H. Gaertner, P.E.
TX NO. 37124
ON 8-7-09

AECOM
AECOM USA GROUP, INC., TBPE REG. NO. F-3082
1700 DALLAS PARKWAY, SUITE 1010
DALLAS, TEXAS 75248
WWW.AECOM.COM



STORM WATER POLLUTION PREVENTION PLAN (SW3P)

FTW NEW 9/02	FED. RD. DIV. NO.	STATE AID PROJECT NO.		HIGHWAY NO.
REVISIONS 7-09	STATE	DISTRICT	COUNTY	SHEET NO.
	CONTROL	SECTION	JOB	17 OF 28