

\\usda11fp002\PM\4328\A\Trport+Road\CADD\Sheet\A\Trport+Road\_Record Drawings-8-3-10\25-SC\_SW3P-Plan.dgn  
8/7/2012

\\usda11fp002\PM\4328\A\Trport+Road\CADD\Sheet\A\Trport+Road\_Record Drawings-8-3-10\25-SC\_SW3P-Plan.dgn  
8/7/2012

A. GENERAL SITE DATA

1. PROJECT LIMITS:

CITY OF ROCKWALL  
SERVICE CENTER

2. PROJECT SITE MAPS:

- \* Project Location Map: Title Sheet & Project Layout
- \* Drainage Patterns: Drainage Area Maps
- \* Approx.Slopes Anticipated After Major Gradings and Areas of Soil Disturbance: Typical Sections
- \* 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:

SERVICE CENTER PARKING IMPROVEMENTS INCLUDING GRADING  
IMPROVEMENTS AND ADDITIONAL PAVED PARKING AREAS.

4. MAJOR SOIL DISTURBING ACTIVITIES:

CLEARING AND GRUBBING,GRADING,EXCAVATION AND EMBANKMENT  
FOR THE PAVED PARKING AREAS,STORM DRAINS,FORCE MAIN  
AND CULVERTS.

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: 1.10 Acres

7. TOTAL AREA TO BE DISTURBED: 1.10 Acres (100 % OF TOTAL PROJECT AREA)

8. WEIGHTED RUNOFF COEFFICIENT

BEFORE CONSTRUCTION: 0.35  
AFTER CONSTRUCTION: 0.50

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)

___ TEMPORARY SEEDING	___ T PRESERVATION OF NATURAL RESOURCES
___ MULCHING (Hay or Straw)	___ FLEXIBLE CHANNEL LINER
___ BUFFER ZONES	___ RIGID CHANNEL LINER
___ PLANTING	___ P SOIL RETENTION BLANKET
___ P SEEDING	___ P COMPOST MANUFACTURED TOPSOIL
___ P SODDING	___ P OTHER: (Specify Practice) FIBER MULCH

2. STRUCTURAL PRACTICES:

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

___ T SILT FENCES	___ DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
___ HAY BALES	___ DIVERSION, INTERCEPTOR, OR PERIMETER SWALES
___ ROCK FILTER DAMS	___ DIVERSION DIKE AND SWALE COMBINATIONS
___ PIPE SLOPE DRAINS	___ T ROCK BEDDING AT CONSTRUCTION EXIT
___ PAVED FLUMES	___ TIMBER MATTING AT CONSTRUCTION EXIT
___ CHANNEL LINERS	___ STONE OUTLET STRUCTURES
___ SEDIMENT TRAPS	___ VELOCITY CONTROL DEVICES
___ SEDIMENT BASINS	___ P CURBS AND GUTTERS
___ P STORM SEWERS	___ STORM INLET SEDIMENT TRAP
___ T OTHER: BIODEGRADABLE EROSION CONTROL LOGS	
___ T ROCK BERM	
___	
___	
___	
___	

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 project site to the low points within the parking areas 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.

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

AECOM

AECOM TECHNICAL SERVICES, INC.  
16000 DALLAS PARKWAY, SUITE 350  
DALLAS TEXAS 75248  
WWW.AECOM.COM  
TBPE REG. NO. F-3580



City of Rockwall, Texas

STORM WATER POLLUTION  
PREVENTION PLAN (SW3P)

FTW NEW 9/02  REVISIONS	FED. RD. DIV. NO.	STATE AID PROJECT NO.		HIGHWAY NO.
	STATE	DISTRICT	COUNTY	SHEET NO.
	CONTROL	SECTION	JOB	
25				