

## SITE DESCRIPTION

PROJECT NAME & LOCATION: CITY OF ROCKWALL  
TOWNSEND DRIVE IMPROVEMENTS  
FROM IH 30 TO SH 276

OWNER NAME & ADDRESS: CITY OF ROCKWALL  
108 E. WASHINGTON  
ROCKWALL, TX 75087

CONTACT NAME: CHUCK TODD, P.E.

PROJECT DESCRIPTION: CONSTRUCT PHASE I OF A FOUR LANE DIVIDED ROADWAY.  
THIS INCLUDES CONSTRUCTION OF THE EASTERN TWO LANES  
AND DRAINAGE FACILITIES, WITH PROVISIONS FOR PHASE II.  
CONSTRUCT 20" WATERLINE ALONG TOWNSEND DRIVE AND  
CONNECT TO THE EXISTING WATERLINE ON THE NORTH SIDE  
OF SH 276 EAST OF TOWNSEND DRIVE.

SEQUENCE OF MAJOR ACTIVITIES: FIRST CONSTRUCT 20" WATERLINE, THEN CONSTRUCT  
DRAINAGE FACILITIES, AND FINALLY CONSTRUCT PHASE I  
OF THE ROADWAY IN PHASES SHOWN ON THE PLANS.

MAJOR SOIL DISTURBING ACTIVITIES: ROADWAY AND CHANNEL EXCAVATION

PRE-DEVELOPMENT RUNOFF COEFFICIENT: 0.60

FINAL RUNOFF COEFFICIENT AFTER CONSTRUCTION: 0.90

TOTAL PROJECT AREA: 3.5 ACRES

TOTAL AREA TO BE DISTURBED: 3.5 ACRES

DESCRIPTION OF EXISTING SOIL (IF AVAILABLE):  
NOT AVAILABLE

DESCRIPTION OF STABILIZATION OF EXISTING DRAINAGE WAYS:  
REINFORCED FILTER FABRIC FABRIC FENCE AT TRANSITION FROM EXISTING CULVERTS  
TO PROPOSED CULVERTS

DESCRIPTION OF EXISTING QUALITY OF STORM WATER DISCHARGE FOR SITE (IF AVAILABLE):  
NOT AVAILABLE

NAME OF RECEIVING WATERS:  
TRIBUTARY 1  
BUFFALO CREEK

ESTIMATED PROJECT START DATE: APRIL 2001

ESTIMATED PROJECT END DATE: SEPTEMBER 2001

## EROSION AND SEDIMENT CONTROLS

STABILIZATION PRACTICES

DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITY HAS CEASED  
(TEMPORARILY OR PERMANENTLY) SHALL BE STABILIZED WITHIN 14  
DAYS UNLESS ACTIVITIES ARE SCHEDULED TO RESUME WITHIN 21 DAYS.

TEMPORARY	PERMANENT	
___	<u>X</u>	SEED OR SOD
___	___	VEGETATION OTHER THAN SEED OR SOD
___	___	EROSION CONTROL MATS
___	___	PRESERVATION OF NATURAL VEGETATION
___	___	OTHER (DESCRIBE):

STRUCTURAL PRACTICES:

TEMPORARY	PERMANENT	
<u>X</u>	___	SILT FENCE
___	___	HAY BALES
___	___	ROCK BERMS
___	___	DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
___	___	DIVERSION, INTERCEPTOR, OR PERIMETER SWALES
___	___	PIPE SLOPE DRAIN
___	___	TRIANGULAR SEDIMENT FILTER DIKE
<u>X</u>	___	INLET PROTECTION
___	___	STONE OUTLET SEDIMENT TRAP
___	___	SEDIMENT BASIN (REQUIRED FOR 10 ACRES OR LARGER WHERE ATTAINABLE)
___	___	CHECK DAM
___	___	TEMPORARY SEDIMENT TANK
<u>X</u>	___	STABILIZED CONSTRUCTION ENTRY
___	___	SANDBAG BERM
___	___	OTHER (DESCRIBE):

OTHER BEST MANAGEMENT (HOUSEKEEPING) PRACTICES  
THE FOLLOWING INDICATED PRACTICES SHALL BE FOLLOWED:

LIME STABILIZATION  
X BMP S-11 FROM NCTCOG CONSTRUCTION BMP  
MANUAL  
— OTHER (DESCRIBE):

SOLID WASTE MANAGEMENT  
X BMP W-1 FROM NCTCOG CONSTRUCTION BMP  
MANUAL  
— OTHER (DESCRIBE):

HAZARDOUS WASTE MANAGEMENT  
— BMP W-2 FROM NCTCOG CONSTRUCTION BMP  
MANUAL  
— STORAGE AREAS (DESCRIBE):

— OTHER (DESCRIBE):

CONCRETE WASTE MANAGEMENT  
X BMP W-3 FROM NCTCOG CONSTRUCTION BMP  
MANUAL  
— OTHER (DESCRIBE):

SANDBLASTING WASTE MANAGEMENT  
— BMP W-4 FROM NCTCOG CONSTRUCTION BMP  
MANUAL  
— OTHER (DESCRIBE):

DUST REDUCTION MEASURES  
— DISTURBED AREAS DAMPENED PERIODICALLY FOR DUST CONTROL  
X EXCESS DIRT ON ADJACENT ROADS REMOVED DAILY  
— OTHER (DESCRIBE):

### OTHER ADDITIONAL STORM WATER MANAGEMENT FEATURES

PERMANENT	
<u>X</u>	CURB & GUTTER
<u>X</u>	STORM SEWER INLETS
<u>X</u>	STORM SEWER
<u>X</u>	CULVERTS
___	STORM WATER DETENTION POND
___	VELOCITY DISSIPATION DEVICES
___	OTHER (DESCRIBE): RIPRAP AT CULVERTS

OTHER BEST MANAGEMENT PRACTICES (DESCRIBE):

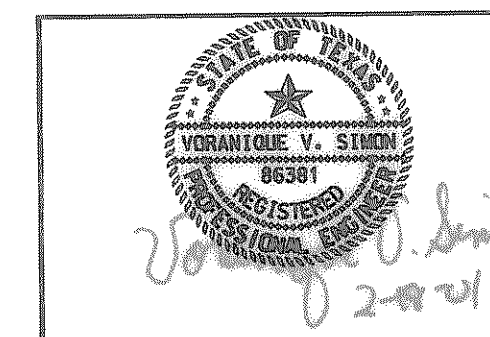
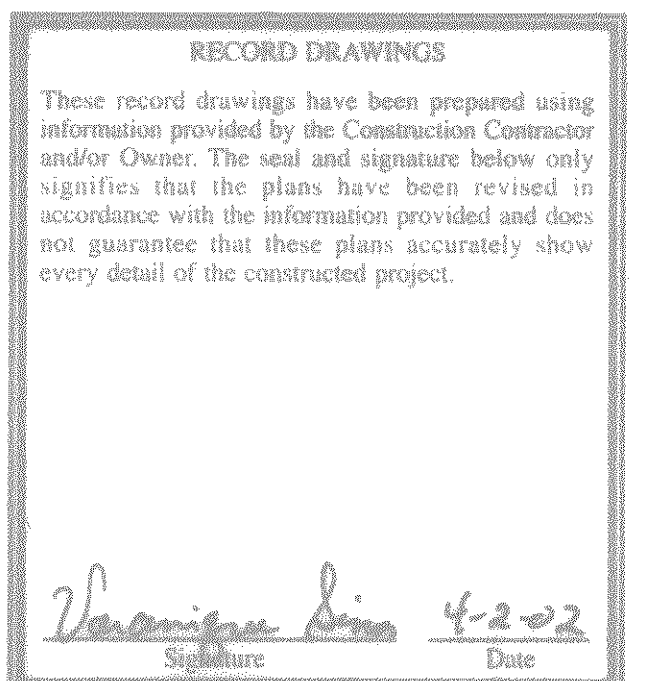
## EROSION AND SEDIMENT CONTROLS

### MAINTENANCE/INSPECTION PROCEDURES

- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A RAIN GAUGE UTILIZING MIN. 0.1 INCH INCREMENTS AT THE PROJECT SITE.
- CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE A WEEK OR WITHIN 24 HOURS OF ANY STORM EVENT OF 0.5 INCH OR GREATER. IF A REPAIR IS NECESSARY IT WILL BE DONE AT THE EARLIEST PRACTICABLE DATE.
- INSPECTION WILL BE PERFORMED BY THE OWNERS REPRESENTATIVE AT LEAST ONCE A WEEK AS WELL AS AFTER EVERY 0.5 INCH OF RAIN OR GREATER. AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE FOR EACH INSPECTION AND KEPT AT THE PROJECT SITE. THE INSPECTION SHOULD USE THE OPERATOR INSPECTION FORM IN THE NCTCOG CONSTRUCTION BMP MANUAL OR OTHER FORM APPROVED BY THE CITY.
- THE CONTRACTOR SHALL KEEP RECORDS OF THE CONSTRUCTION ACTIVITY ON THE SITE.  
OTHER (DESCRIBE)

## ALLOWABLE NON-STORM WATER DISCHARGES

- DISCHARGES FROM FIRE FIGHTING ACTIVITIES.
- FIRE HYDRANT FLUSHINGS.
- WATER USED TO WASH VEHICLES OR CONTROL DUST.
- POTABLE WATER SOURCES (INCLUDING WATERLINE FLUSHINGS).
- UNCONTAMINATED GROUND WATER (INCLUDING DEWATERING GROUNDWATER INFILTRATION).
- FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS.
- SPRINGS, RIPARIAN HABITATS, WETLANDS AND UNCONTAMINATED GROUNDWATER.
- IRRIGATION WATER.
- EXTERIOR BUILDING WASH DOWN WITHOUT DETERGENTS. EXCESS DIRT ON ADJACENT ROADS REMOVED DAILY
- PAVEMENT WASH WATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURED (UNLESS ALL SPILL MATERIAL HAS BEEN REMOVED) AND WHERE DETERGENTS ARE NOT USED.
- AIR CONDITIONING CONDENSATE.



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3					
2					
1					
NO.	DATE	REVISION	APPROV.		
<b>CITY OF ROCKWALL</b> "THE NEW HORIZON"					
TOWNSEND DRIVE					
POLLUTION PREVENTION PLAN SUMMARY					
<b>TurnerCollie &amp; Braden Inc.</b> ENGINEERS • PLANNERS • PROJECT MANAGERS					
Unit	A123	Soder	Date FEBRUARY, 2001		
Designed	VVS	Checked	TBS	Job No. 15-00925-200	
Drawn	GBA	Approved	RCR	Sheet 51 of 72	