

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 BEST MANAGEMENT PRACTICES (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

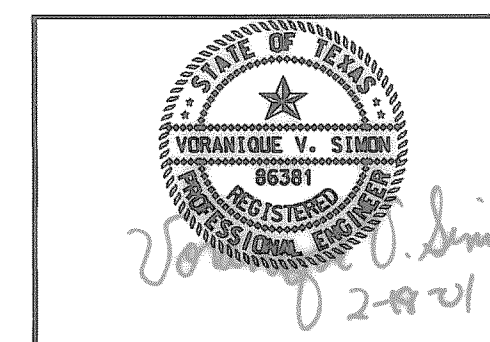
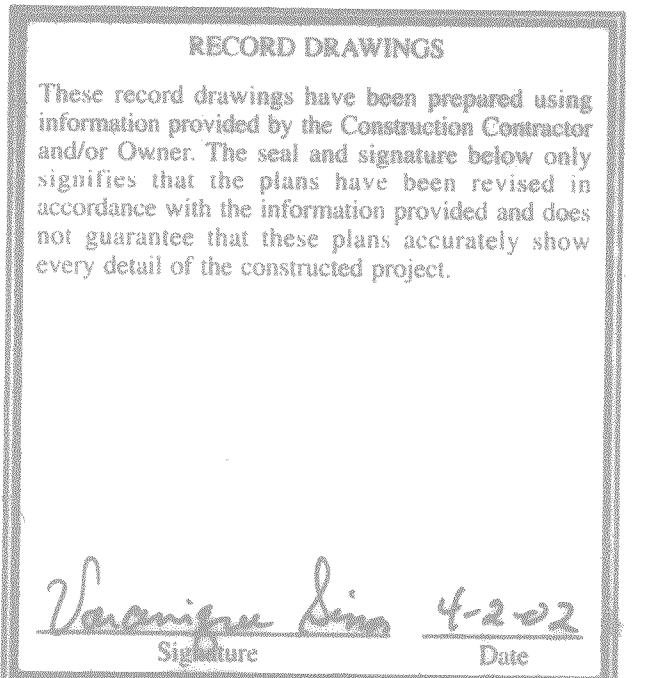
EROSION AND SEDIMENT CONTROLS

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.



4					
3					
2					
1					
NO.	DATE	REVISION	APPROV.		
CITY OF ROCKWALL "THE NEW HORIZON"					
TOWNSEND DRIVE					
POLLUTION PREVENTION PLAN SUMMARY					
Turner Collie & Braden Inc. <small>ENGINEERS • PLANNERS • PROJECT MANAGERS</small>					
Unit	A123	Scale	Date		FEBRUARY, 2001
Designed	VVS	Checked	TBS	Job No. 15-00925-200	
Drawn	GBA	Approved	RCR	Sheet 51 of 72	