

STORM WATER POLLUTION PREVENTION PLAN

PROJECT NAME: PLUM GROVE ROAD

LOCATION & LIMITS: GRAND PARKWAY (SH 99) TO 3,000 LF NORTH OF GRAND PARKWAY (SH 99)

See plan cover sheet for vicinity map.

PROJECT SCOPE:

Activity (check all that apply)	
Roadway Expansion	✓
Roadway New Construction	✓
Underground Storm Sewer	✓
Detention Pond	
Bridge Expansion	
Bridge New Construction	

TOTAL PROJECT AREA: 7.40 Acres 3,000 Linear Feet

TOTAL AREA DISTURBED: 7.40 Acres

EXISTING CONDITIONS OF SOIL, VEGETATION, AND DRAINAGE:
ROADSIDE DITCHES

PHASED CONSTRUCTION ACTIVITIES:

PHASE 1 – SOUTHBOUND LANES, STORM SEWER TRUNK LINE

PHASE 2 – NORTHBOUND LANES, SANITARY SEWER, WATERLINE

DESCRIPTION OF DRAINAGE AREAS AND OUTFALLS:

EAST FORK SAN JACINTO RIVER (G103-80-00)

All outfall structures will be constructed in accordance to Harris County Specification 461 and any applicable specification referenced by it. Drainage pathways will shown on plan sheets stored with other attachments to this SWPPP.

TCEQ 303(d) listed water

RECEIVING WATERS/CONVEYANCE:

1003 – EAST FORK SAN JACINTO RIVER

MAJOR SOIL DISTURBING ACTIVITIES:

ACTIVITY (CHECK ALL THAT APPLY)	
SPEC 102 – Clearing & Grubbing	
SPEC 104/110/400 – Excavating	✓
SPEC 400 – Fill	✓
Leveling/Grading	✓

NOTES:

See Site Plan for detailed planning drawings.

SOIL STABILIZATION AND SEDIMENT CONTROL MEASURE:

MEASURES	TEMPORARY	PERMANENT
SPEC 164 – Seeding		✓
SPEC 162 – Sodding		
SPEC 165 – Hydro-mulch		✓
SPEC 164 – Soil Retention Blanket		
SPEC 713 – Reinforced Filter Fabric Barrier		✓
SPEC 719 – Inlet Protection Barrier		✓
SPEC 724 – Stabilized Construction Access		✓
SPEC 730 – Concrete Truck Washout Structures		✓
SPEC 741 – Inlet Protection Barrier		✓
SPEC 750 – Rock Filter Dam		
SPEC 725 – Watering for Dust Control		

NOTES:

If sediment escapes off site, these accumulations will be removed to minimize impact. Rock filter dams will be cleared before the reach 1/3 the height of the dam, other control measures will be cleared before their capacity has been reduced by 50%. As required in CGP TXR 150000, soil stabilization measures will be initiated in portions of the site where activities have ceased for a period exceeding 14 days. This stabilization will commence no later than the day following completion of work in these areas. If prompt repair or replacement is not feasible, the reason will be documented in the SWPPP. Records of dates for major grading activities, and initiation of stabilization measures will be maintained in the SWPPP. Daily work logs related to this section will be kept in CAPTRAC. The Harris County SWPPP detail sheet will be used when implementing BMP's and included with this document.

INSPECTION & MAINTENANCE:

Inspection and Maintenance will be performed according to SPEC 751. Inspections will be conducted at least every 7 calendar days. Inspection forms will be filed with SWPPP supporting documents. If repair or replacement of stabilization or erosion control features is necessary, it must be completed at the earliest date possible. Amendments will be tracked on the SWPPP Amendment Log. Daily work logs related to this section will be kept in CAPTRAC.

POTENTIAL POLLUTION SOURCES:

Concrete	✓	Cleaning Solvents	✓
Fertilizer	✓	Curing Compounds	✓
Pesticides	✓	Hydraulic Fluid	✓
Asphalt	✓	Motor Oil	✓
Paint	✓		
Gasoline	✓		
Diesel Fuel	✓		
Sanitary Toilets	✓		

POLLUTION PREVENTION BMPS

Whenever possible all materials will be stored in their original containers in secure areas where spillage is protected from runoff. Stockpiles and work areas will be constructed in such a way to minimize the amount of sediment that enters receiving waters and wetlands. Spill prevention and control measures are included on attached site maps. Records of spills will be maintained with SWPPP supporting documents. Additional required BMPs can be found in SPEC 725. Temporary materials and structures will be removed from waterways as soon as feasible once they are no longer required.

WASTE MATERIAL:

All solid waste materials will be collected and stored in secure metal dumpsters, then transported to appropriate disposal facilities. Collection will be completed often enough to ensure that no waste materials will be lost due to overfilling of collection containers. Liquid wastes will be stored in sealed containers in designated areas and disposed of according to all applicable regulations. All wasted containers should meet all state and local requirements.

RESPONSIBLE PARTY/CONTRACTOR

Name	
Title	
Company	
Signature	

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NO.	REVISIONS	DATE	NAME
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HARRIS COUNTY
ENGINEERING DEPARTMENT



INTERIM REVIEW
Not intended for construction, bidding or permit purposes.
Engineer: BRIAN T. GEIER
P.E. Serial No.: 129554
Date: DECEMBER 2021

PROJECT TITLE: PLUM GROVE ROAD		CIVIL STANDARD
SHEET DESCRIPTION: STORM WATER POLLUTION PREVENTION		SW3P-WF
DRAWN BY: JDZ	PLAN WORK FORM	DATE: 2/16/18
CK'D BY: MC	SCALE: NONE	SHEET NO: 69 / 70