

SITE DESCRIPTION

PROJECT LIMITS: FROM SOUTH OF FM 3097 TO NORTH OF IH 30

PROJECT DESCRIPTION FOR THE CONSTRUCTION OF THE WIDENING OF A NON-FREEWAY FACILITY CONSISTING OF GRADING, DRAINAGE, LIME TREATED SUBGRADE, ASPHALT CONCRETE PAVEMENT, CONCRETE PAVEMENT, PAVEMENT MARKINGS & SIDEWALKS.

MAJOR SOIL DISTURBING ACTIVITIES: SOIL DISTURBING ACTIVITIES WILL INCLUDE PREPARING THE ROW, GRADING, EXCAVATION AND EMBANKMENT FOR ROADWAYS, REMOVAL OF OLD CONCRETE AND CORRUGATED METAL, EROSION AND SEDIMENT CONTROLS, AND TOPSOIL WORK FOR FINAL PLANTING AND SEEDING.

TOTAL PROJECT AREA: 7.0 ACRES

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WEIGHTED RUNOFF COEFFICIENT (AFTER CONSTRUCTION): 0.70

EXISTING CONDITION OF SOIL & VEGETATIVE COVER AND % OF EXISTING VEGETATIVE COVER: THE TYPE OF SOIL THAT EXISTS ALONG THE PROJECT AREA ARE A TAY, YELLOWISH BROWN AND LIGHT GREY CLAYS WITH A TRACE OF CALICHE AND IS COVERED 95% WITH VARIOUS GRASSES WHICH ARE IN GOOD CONDITION.

NAME OF RECEIVING WATERS: THE NORTH END OF THE PROJECT DRAINS INTO THE EXISTING IH 30 STORM SEWER SYSTEM WHICH OUTFALLS INTO AN UNNAMED TRIBUTARY WHICH DRAINS INTO LAKE RAY HUBBARD (TRINITY RIVER) AT STREAM SEGMENT 0820. THE SOUTH END OF THE PROJECT FLOWS INTO THE EXISTING STORM SEWER SYSTEM OF HORIZON ROAD WHICH FLOWS INTO AN UNNAMED TRIBUTARY WHICH FLOWS IN LAKE RAY HUBBARD (TRINITY RIVER) AT STREAM SEGMENT 0820.

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- TEMPORARY SEEDING
- PERMANENT PLANTING, SODDING, OR SEEDING
- MULCHING
- SOIL RETENTION BLANKET
- BUFFER ZONES
- PRESERVATION OF NATURAL RESOURCES

OTHER: 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.

STRUCTURAL PRACTICES:

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

OTHER:

NARRATIVE - SEQUENCE OF CONSTRUCTION (STORM WATER MANAGEMENT) ACTIVITIES:

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

1. INSTALL SEDIMENT CONTROLS AS SHOWN ON SW3P PLANS. THESE SEDIMENT CONTROLS SHOULD BE PLACED PRIOR TO ANY CLEARING, PAVEMENT REMOVAL, EMBANKMENT, AND EXCAVATION ON WORK SITE.
2. INSTALL SILT FENCES AROUND TOPSOIL STOCKPILES AND AT EMBANKMENT AND EXCAVATION AREAS. THE TOPSOIL STOCKPILES WILL BE USED THROUGHOUT THE PROJECT TO STABILIZE AND COVER DISTURBED AREAS.
3. PROVIDE HAY BALES AND SILT FENCES AROUND CURB AND DROP INLETS AS SHOWN ON THE SW3P PLANS. REMOVE AND REPLACE SEDIMENT CONTROL DEVICES AS NEEDED.
4. WHEN CONSTRUCTION ACTIVITIES ARE COMPLETE AND THE SITE IS STABILIZED AND APPROVED BY THE ENGINEER, REMOVE ALL TEMPORARY CONTROLS AND RESEED ANY AREAS DISTURBED BY THEIR REMOVAL.

STORM WATER MANAGEMENT: STORM WATER DRAINAGE WILL BE PROVIDED BY CURB INLETS, EXISTING DROP INLETS, THE STORM SEWER SYSTEM AND DITCHES. THESE SYSTEMS WILL CARRY DRAINAGE WITHIN THE ROW TO THE NEAREST CULVERT OR STREAM. OTHER PERMANENT EROSION CONTROLS INCLUDE A GRADING DESIGN GENERALLY CONSISTING OF SLOPES 4:1 OR FLATTER WITH PERMANENT VEGETATIVE COVER.

OTHER EROSION AND SEDIMENT CONTROLS:

MAINTENANCE: ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE DONE 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. THE AREAS ADJACENT TO CREEKS AND DRAINAGEWAYS SHALL HAVE PRIORITY.

INSPECTION: AN INSPECTION WILL BE PERFORMED BY A TxDOT INSPECTOR EVERY WEEK AS WELL AS AFTER EVERY HALF INCH OR MORE OF RAIN (AS RECORDED ON A RAIN GAUGE TO BE LOCATED AT THE PROJECT SITE). AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE PER EACH INSPECTION. BASED ON THE INSPECTION RESULTS, THE CONTROLS SHALL BE REVISED PER THE INSPECTION REPORT.

WASTE MATERIALS: ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL STATE AND LOCAL CITY SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION, AND THE TRASH WILL BE HAULED TO A LOCAL DUMP. NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON SITE.

HAZARDOUS WASTE (INCLUDING SPILL REPORTING): AT A MINIMUM, ANY PRODUCTS IN THE FOLLOWING CATEGORIES ARE CONSIDERED TO BE HAZARDOUS: PAINTS, ACIDS FOR CLEANING MASONRY SURFACES, CLEANING SOLVENTS, ASPHALT PRODUCTS, CHEMICAL ADDITIVES FOR SOIL STABILIZATION, OR CONCRETE CURING COMPOUNDS AND ADDITIVES. IN THE EVENT OF A SPILL WHICH MAY BE HAZARDOUS, THE SPILL COORDINATOR SHOULD BE CONTACTED IMMEDIATELY.

SANITARY WASTE: ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

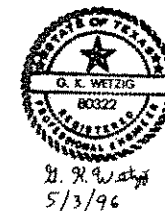
OFFSITE VEHICLE TRACKING:

- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN
- EXCESS DIRT ON ROAD REMOVED DAILY
- STABILIZED CONSTRUCTION ENTRANCE

OTHER:

REMARKS: 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.

CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS.



TXDOT STORM WATER POLLUTION PREVENTION PLAN (SW3P)

SHEET 1 OF 3

FED. PROJ. NO.	PROJECT NO.			SHEET NO.
6	STP 96 (830) MM			44
STATE	STATE DISTRICT	COUNTY		
TEXAS	DALLAS	ROCKWALL		
CONTRACT	SECTION	JOB	HIGHWAY NO.	
1014	03	041	FM 740	