SITE DESCRIPTION

PROJECT LIMITS: ADDISON AIRPORT, ADDISON, TEXAS

LOCATION MAPS: LOCATION MAP - SEE COVER SHEET OF THE PROJECT PLANS

PROJECT DESCRIPTION:

PAVEMENT IMPROVEMENTS

MAJOR SOIL DISTURBING ACTIVITIES:

EXCAVATION

EXISTING CONDITION OF SOIL & VEGETATIVE COVER AND % OF EXISTING VEGETATIVE COVER:

0% OF AREA DISTURBED HAS VEGETATIVE COVERING

TOTAL PROJECT AREA: 5.85 Acres

TOTAL AREA TO BE DISTURBED: 5.85 Acres

WEIGHTED RUNOFF COEFFICIENT

BEFORE CONSTRUCTION: .90
AFTER CONSTRUCTION: .90

NAME OF RECEIVING WATERS: N/A

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES

TEMPORARY: (Select T = Temporary as applicable)

___ TEMPORARY SEEDING
___ MULCHING (Hay or Straw)
___ BUFFER ZONES
___ PRESERVATION OF NATURAL RESOURCES
___ FLEXIBLE CHANNEL LINER
___ OTHER

PERMANENT: (Select P = Permanent as applicable)

___ PLANTING
P SEEDING
P SODDING
___ SOIL RETENTION BLANKET
___ CHANNEL LINER
___ OTHER (CURLEX TO 8' BEHIND CURB)

OTHER:

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.

STRUCTURAL PRACTICES: (Select T = Temporary or P = Permanent as applicable)

T 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
T STORM INLET SEDIMENT TRAP
___ STONE OUTLET STRUCTURES
___ CURBS AND GUTTERS
___ STORM SEWERS
___ VELOCITY CONTROL DEVICES
T COMPOST MULCH SOCK

OTHER:

CURB & GUTTER, STORM SEWER INLETS, STORM SEWER, DEPRESSED AREAS, AND CULVERTS

NARRATIVE: Sequence of Construction for Storm Water Management Activities

THE STORM WATER MANAGEMENT ACTIVITIES BY PHASES ARE AS FOLLOWS:

1. INSTALL STRUCTURAL CONTROLS AND INLET PROTECTION AT EXISTING INLETS PRIOR TO DISTURBANCE OF EXISTING TOPSOIL.
2. INSTALL SILT FENCES AND DEPRESSED AREAS AS SHOWN ON PLANS.
3. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED AND APPROVED BY THE OWNER, REMOVE ALL TEMPORARY STRUCTURAL CONTROLS AND SOD ANY AREAS DISTURBED BY THEIR REMOVAL. ANY PERIMETER CONTROLS SHALL REMAIN IN PLACE UNTIL FINAL STABALIZATION OF THE AREA UPSTREAM.

STORM WATER MANAGEMENT:

1. Storm water drainage will be provided by the ditches, inlets and storm water systems which will carry drainage within the R.O.W. to the lows within the roadway and project site which drains to the existing storm sewer.

OTHER PRACTICES & REQUIREMENTS

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. The areas adjacent to creeks and drainageways shall have priority followed by devices protecting storm sewer inlets.

INSPECTION:

An inspection will be performed by a owner approved inspector in accordance with the most recent NPDES requirements. 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. Town shall review all contractor inspections. Town inspector to inspect erosion control devices as necessary.

WASTE MATERIALS:

All waste materials shall be collected in a metal dumpster having a secure cover. The dumpster shall meet all state and local city 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.

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 contractor coordinator shall be contacted immediately.

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.

OFFSITE VEHICLE TRACKING:

The contractor shall be responsible for augmenting these plans with other measures for any other temporary erosion control measures occasioned by the work, such as for haul roads and borrow pit access. All contingent erosion control practices shall be approved by the owner prior to installation or construction.

OTHER:

REMARKS:

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.

4. There are no historical sites or endangered species impacted by this project.

_____, P.E.
Signature of Registrant & Date

NO.	DATE	REVISION	APPROV.	NO.	DATE	REVISION	APPROV.
	4-12-05	REVISE PAGE NUMBER	WSF				

STATE OF TEXAS
MICHAEL A. HUTCHISON
89329
REGISTERED PROFESSIONAL ENGINEER
Michael A. Hutchison 12/21/05

HNTB Corporation
The HNTB Companies
Engineers Architects Planners

DESIGN	DEC	PROJECT NO. 41308
CHECK	MAH	
DRAWN	CCH	
CHECK	DEC	
DATE	DEC. 2005	
SCALE		

TOWN OF ADDISON

TOWN OF ADDISON	SHEET
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