



REGISTRATION NO.
F-5713

RECORD DRAWINGS
03/10/2015

REV.	DATE	DESCRIPTION	BY

Addison Airport

ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY 33 RSA IMPROVEMENTS

STORM WATER
POLLUTION
PREVENTION PLAN
NOTES

JOB NO.: 13081100
DATE: JUNE 2013
DESIGNED BY: BCB
DRAWN BY: MLM

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY.

DRAWING NUMBER
G-402

SHEET
NUMBER **14**

Site Description

PROJECT LIMITS: Addison Airport, Addison, TX

PROJECT DESCRIPTION: Construction of an EMAS at the end of Runway 33. Drainage improvements associated with the installation of the EMAS.

MAJOR SOIL DISTURBING ACTIVITIES: Construction of the EMAS. Drainage improvements including regarding ditches and drainage areas, install head walls, install concrete slope protection, install box culvers, and replace existing water line.

TOTAL PROJECT AREA: 12.19 ACRES

TOTAL AREA TO BE DISTURBED: 12.19 ACRES

WEIGHTED RUNOFF COEFFICIENT
(AFTER CONSTRUCTION): East Drainage area 0.69; West Drainage area 0.46

EXISTING CONDIDTION OF SOIL & VEGETATIVE COVER AND % OF EXISTING VEGETATIVE COVER: The existing cover is clayey with Bermuda grass and is in fair condition. Existing vegetative cover is at 85%

NAME OF RECEIVING WATERS: The Addison airport is in the Hutton Branch watershed and the receiving water is Elm Fork Trinity River.

SOIL STABILIZATION PRACTICES:

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

OTHER: _____

STRUCTURAL PRACTICES:

- SILT FENCES
- HAY BALES
- ROCK BERMS
- 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: EROSION CONTROL LOGS; CONCRETE WASHOUT

NARRATIVE – SEQUENCE OF CONTRUSTION (STORM WATER MANAGEMENT) ACTIVITIES:

Erosion and sediment controls shall be installed at the beginning of the project. Once installed, these devices will be maintained during the duration of the project. Erosion and sediment controls will be removed at the project's completion.

STORM WATER MANAGEMENT: Existing storm sewers and drainage ditches will be used to remove water from the site. Storm water from the site will flow through filter fabric fences and rock filter dams to filter sediment from storm water runoff before it leaves the site.

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 DAMAGE FROM HEAVY EQUIPMENT. THE AREAS ADJACENT TO CREEKS AND DRAINAGE WAYS SHALL HAVE PRIORITY FOLLOWED BY DEVICES USED FOR SILT REDUCTION IN THE DISTURBED AREAS.

INSPECTION:

AN INSPECTION WILL BE PERFORMED BY A RESIDENT PROJECT REPRESENTATIVE EVERY 7 DAYS AN INSPECTION 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 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 AT AN APPROVED LANDFILL. 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, AND 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 BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION.

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 WETLANDS, 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. ALL WATERWAYS SHALL BE CLEARED AS SOON AS PRACTICAL OF TEMPORARY EMBANKMENT, TEMPORARY BRIDGES, MATTING, FALSE WORK, PILING, DEBRIS OR OTHER OBSTRUCTIONS PACED DURING CONSTRUCTION OPERATION THAT ARE NOT A PART OF THE FINISHED WORK.