DWG No. OC2-0001

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DART.TBL
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SITE DESCRIPTION

PROJECT LIMITS:

AN APPROXIMATE 4 SIDED PARCEL OF LAND SITUATED BETWEEN THE FOLLOWING: QUORUM DRIVE, ARAPAHO ROAD, ADDISON ROAD AND A FUTURE DART RAIL LINE.

PROJECT DESCRIPTION:

CONSTRUCTION OF A 1,300 s.f. ENCLOSURE (APPROX.) WITH PARK LIKE LANDSCAPING, PAVED BUS LANES WITH LOAD & UNLOAD TYPE FACILITIES INCLUDING PASSENGER SHELTERS, AND SIDEWALKS. GRADING, DRAINAGE, STRUCTURES, SUBGRADE PREPARATION, CURBING, CONCRETE PAVING, SIGNING, DELINEATION, AND PAVEMENT MARKINGS. UPGRADE EXISTING UTILITIES AND STORM DRAINAGE IMPROVEMENTS.

MAJOR SOIL DISTURBING ACTIVITIES:

CLEARING AND GRUBBING, GRADING, EXCAVATION, COMPACTION, DRIVEWAYS AND PARKING LOTS CONCRETE FORMWORK. REMOVAL OF OLD CONCRETE SLABS AND DRIVEWAYS, STORM SEWER CONSTRUCTION, EROSION AND SEDIMENT CONTROLS AND TOPSOIL WORK FOR FINAL PLANTING AND SEEDING.

TOTAL PROJECT AREA: 3.966 ACRES

TOTAL AREA TO BE DISTURBED: 3.9± ACRES

WEIGHTED RUNOFF COEFFICIENT
(AFTER CONSTRUCTION): 0.90

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

THE SITE IS GENERALLY COVERED WITH SHORT GRASS AND GRAVEL. EXISTING CONCRETE SLABS ARE PRESENT AT SEVERAL LOCATIONS. THE SITE IS LOCATED IN AN AREA UNDERLAIN BY DEPOSITS OF THE AUSTIN CHALK LIMESTONE FORMATION CONSISTS OF GRAY CHALKY LIMESTONE WITH SOME SHALE AND PARTINGS.

NAME OF RECIEVING WATERS:

THE PROJECT DRAINS INTO THE WHITE ROCK CREEK VIA UNDERGROUND STORM SEWERS AND OPEN CHANNELS.

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- X TEMPORARY SEEDING
- X PERMANENT PLANTING, SODDING, OR SEEDING
- ___ MULCHING
- ___ SOIL RETENTION BLANKET
- ___ BUFFER ZONE
- X 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 AND DO SO WITHIN 21 DAYS.

( ) DENOTES NOTES UNDER STRUCTURAL PRACTICES: OTHER.

EROSION AND SEDIMENT CONTROLS

STRUCTURAL PRACTICES:

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

OTHER:

NOTES:

1. INSTALL SOIL RETENTION BLANKETS ON ALL EXPOSED SLOPES GREATER THAN 3:1 AT THE DIRECTION OF THE DART ENGINEER, OR AS SPECIFICALLY SHOWN ON THE DRAWINGS.
2. DIVERSION, INTERCEPTOR, OR PERIMETER DIKES AND/OR SWALES SHALL BE INSTALLED AT THE DIRECTION OF THE DART ENGINEER, OR AS SPECIFICALLY SHOWN ON THE DRAWINGS.
3. THE CONTRACTOR MAY BE REQUIRED BY THE DART ENGINEER TO INSTALL OTHER STRUCTURAL CONTROL MEASURES NOT NOTED ABOVE.

NARRATIVE - SEQUENCE OF CONSTRUCTION (STORM WATER MANAGEMENT) ACTIVITIES:
THE ORDER OF ACTIVITIES SHALL BE AS FOLLOWS:

1. INSTALL INLET PROTECTION FILTERS AT EXISTING INLETS ALONG QUORUM DR. AND ARAPAHO RD. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES.
2. INSTALL SILT FENCES, AND/OR CURB INLET SEDIMENT FILTERS:
   A. AROUND TOPSOIL STOCKPILES AND AT EMBANKMENT AND EXCAVATION LOCATIONS.
   B. AROUND ALL NEW AND TEMPORARY INLETS AS SOON AS THEY ARE FUNCTIONAL.
3. GRADE STAGE 1 OF THE PROJECT TO SUBGRADE. TEMPORARILY SEED OR MULCH THE DISTURBED AREAS IN STAGE 1 UNLESS CONSTRUCTION ACTIVITY IS TO RESUME WITHIN 21 DAYS.
4. INSTALL SOIL RETENTION BLANKETS ON ALL EXPOSED SLOPES GREATER THAN 3:1.
5. CONSTRUCT IMPROVEMENTS AND DETOURS WITHIN STAGE 1 LIMITS.
6. REPEAT STEPS 2-5 FOR REMAINING PROJECT STAGES. APPLY PERMANENT SEEDING WHERE APPLICABLE.
7. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED AND APPROVED BY THE ENGINEER, REMOVE ALL TEMPORARY STRUCTURAL CONTROLS AND RE-SEED ANY AREAS DISTURBED BY THEIR REMOVAL. ANY PERIMETER CONTROLS SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION OF THE AREA UPSTREAM.

STORM WATER MANAGEMENT:

STORM WATER RUNOFF WILL BE COLLECTED BY THE ON-SITE GRATE INLETS, CURB INLETS, AND UNDERGROUND STORM SEWER SYSTEMS ALONG QUORUM DR. AND ARAPAHO RD. THESE SYSTEMS WILL CARRY DRAINAGE WITHIN THE DART PROPERTY TO THE TOWN OF ADDISON STORM SEWER SYSTEMS. PERMANENT EROSION CONTROLS INCLUDE HYDRAULIC DESIGN TO LIMIT STRUCTURE OUTLET VELOCITIES AND FINAL GRADING GENERALLY CONSISTING OF 6:1 OR FLATTER SLOPES WITH A 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 DRAINAGE WAYS SHALL HAVE PRIORITY FOLLOWED BY DEVICES PROTECTING STORM SEWER INLETS.

INSPECTION:

AN INSPECTION WILL BE PERFORMED BY A DART INSPECTOR EVERY WEEK AS WELL AS AFTER EVERY RAIN OF HALF INCH OR MORE (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 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 MAYBE HAZARDOUS, THE AUTHORITY 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 TARPAULIN
- X EXCESS DIRT ON ROAD REMOVED DAILY
- X STABILIZED CONSTRUCTION ENTRANCE

OTHER:

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 HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS.
ALL WATERWAYS SHALL BE CLEARED AS SOON AS PRACTICABLE OR TEMPORARY EMBANKMENTS, TEMPORARY BRIDGES, MATTING, FALSEWORK, PILING, DEBRIS OR OTHER OBSTRUCTIONS PLACED DURING CONSTRUCTION OPERATIONS THAT ARE NOT A PART OF THE FINISHED WORK.

Revised (A-Update) Certificate

9/10/97
T. TEDARELLO

TOM KADER
PRESIDENT

7-7-97

CONFORMED

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STATE OF TEXAS
VAN R. STEVENS
56755
REGISTERED PROFESSIONAL ENGINEER
14 Aug 97

WENDY LOPEZ & ASSOC.
LOCKWOOD, ANDREWS & NEWNAM
THE SWA GROUP
GERARD & ASSOCIATES
ZAXON

WLA
WENDY LOPEZ & ASSOCIATES, INC.
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DART PROJECT

SCALE	N.T.S.
DRAWN	D. KRUCIAK
DESIGNED	P. ZHAO
CHECKED	V. STEVENS
IN CHARGE	V. STEVENS
DATE	AUG. 14, 1997

CAES

CONTRACT SHEET No. 36 OF 95

ADDISON TRANSIT CENTER

SWPPP GENERAL NOTES

CONTRACT	DWG No.	REV
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