SITE AND OR PROJECT DESCRIPTION DATA

1. NATURE OF THE CONSTRUCTION ACTIVITY:

THE CONSTRUCTION ACTIVITY CONSISTS OF GRADING, DRAINAGE, WATER AND PAVING IMPROVEMENTS TO CONVERT THE SITE FROM OPEN PROPERTY TO DIVIDED BOULEVARD STREET.

2. POTENTIAL POLLUTANTS AND SOURCES:

THE POTENTIAL SOURCES OF POLLUTION IDENTIFIED CONSIST OF STORM WATER RUNOFF FROM CONSTRUCTION ACTIVITIES. THERE ARE NO NON-STORM WATER DISCHARGES THAT ARE KNOWN TO EXIST AT THIS SITE. A SELF CONTAINED PORTABLE FACILITY WILL BE KEPT ON-SITE DURING CONSTRUCTION FOR HUMAN WASTE. CONSTRUCTION FUEL STORAGE IS NOT ANTICIPATED TO BE PROVIDED AT THE SITE. IF FUEL IS STORED AT THE SITE A BERM WILL BE PLACED AROUND THE FUEL TANK.

CONTRACTOR SHALL MAINTAIN ALONG WITH THE SIGNED EFFECTIVE COPY OF SWP3 DRAWINGS AN UPDATEABLE LIST IDENTIFYING ALL POTENTIAL SOURCES OF POLLUTION INCLUDING PORTA-POTTYS, FUEL TANKS, STAGING AREAS, WASTE CONTAINERS, CHEMICAL STORAGE AREAS, CONCRETE CURE, PAINTS SOLVENTS, ETC., AND A DESCRIPTION OF THE LOCATION.

3. SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES:

THE PROJECT SEQUENCE SHALL GENERALLY CONFORM TO THE FOLLOWING:

PHASE I START DATE: _____ END DATE: _____

A. CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE, ROCK BERMS, BERMS/SWALES AND SILT FENCE ACCORDING TO THE APPROXIMATE LOCATION AND DETAIL SHOWN ON EROSION CONTROL PLAN SHEETS AND SWP3 PLAN AND DETAILS.
B. BEGIN CLEARING AND GRADING OF SITE.
C. SEED AND RE-VEGETATE SLOPES WHERE SHOWN.

PHASE II START DATE: _____ END DATE: _____

A. KEEP ALL STORM WATER POLLUTION PREVENTION MEASURES IN PLACE.
B. INSTALL WATER AND STORM DRAIN AS SPECIFIED ON PLAN SHEETS.
C. CONSTRUCT PHASE I INLET PROTECTION AROUND OPEN STORM DRAIN INLETS ACCORDING TO THE DETAIL SHOWN ON SHEET E202 AND WHERE INDICATED ON EROSION CONTROL PLAN SHEETS E102 AND E103.
D. CONSTRUCT ALL STORM WATER POLLUTION PREVENTION DEVICES SHOWN ON PLAN SHEETS E102 AND E103 FOR PHASE TWO CONSTRUCTION.

PHASE III START DATE: _____ END DATE: _____

A. KEEP ALL STORM WATER POLLUTION PREVENTION MEASURES IN PLACE.
B. STABILIZE SUBGRADE.
C. PAVE STREETS AS SPECIFIED ON PLAN SHEETS.
D. CONSTRUCT STORM DRAIN PHASE II INLET TREATMENT AS SPECIFIED ON EROSION CONTROL PLAN SHEETS E102 AND E103 FOR PHASE THREE CONSTRUCTION.
E. RE-VEGETATE PARKWAYS AND ALL DISTURBED AREAS.

4. AREA ESTIMATES:

TOTAL AREA ONSITE:	6.8 ACRES
ESTIMATED DISTURBED AREA ON-SITE:	6.4 ACRES
ESTIMATED DISTURBED AREA OFF-SITE:	0.4 ACRES

5. ESTIMATED RUNOFF COEFFICIENT AFTER CONSTRUCTION IS COMPLETED:

UNDEVELOPED C = 0.35
DEVELOPED C = 0.90

6. SOIL AND OR QUALITY OF STORM WATER DISCHARGE DATA:

REFER TO EFFICIENCY ESTIMATES FOR STRUCTURAL METHODS ON STANDARD MEASURES.

7. SOIL TYPE AT SITE:

NEAR SURFACE SOILS CONSIST OF DARK BROWN, BROWN, LIGHT BROWN, DARK GRAY, GRAYISH BROWN, GRAY AND REDDISH BROWN CLAYS, SILTY CLAYS, AND SHALY CLAYS. REFER TO GEOTECHNICAL REPORT BY CMJ ENGINEERING, INC. PROVIDED IN THE SPECIFICATIONS.

8. GENERAL LOCATION MAP AND DETAILED SITE MAP:

REFER TO SWP3 LAYOUT SHEET AND GRADING PLAN SHEETS FOR DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER MAJOR GRADING ACTIVITIES, AREAS WHERE SOIL DISTURBANCE WILL OCCUR, SOILS DISTURBANCE AREAS, STRUCTURAL CONTROL MEASURES, NATURAL VEGETATIVE FILTERING, RE-VEGETATION, IMPROVED STABILIZATION METHODS, SURFACE WATERS INCLUDING WETLANDS, DIRECT DISCHARGE POINTS TO SURFACE WATER BODIES.

9. LOCATION AND DESCRIPTION OF OFF-SITE MATERIAL, WASTE, BORROW OR EQUIPMENT STORAGE AREAS:

_____

_____

_____

_____

10. LOCATION AND DESCRIPTION OF SUPPORT ASPHALT PLANTS AND CONCRETE PLANTS:

_____

_____

11. RECEIVING WATER BODY DESCRIPTION:

BUFFALO CREEK

12. WETLANDS ACREAGE:

0.09 ACRES OF WETLANDS ARE DISTURBED IN BUFFALO CREEK BY CONSTRUCTION.

13. TPDES GENERAL PERMIT NUMBERS:

OWNER _____
CONTRACTOR _____

N.O.I. SUBMITTAL DATES:

OWNER _____
CONTRACTOR _____

RECORD PLANS
AUGUST 29, 2008

EROSION AND SEDIMENT CONTROLS

BMP NO. OR LOCATION	CONDITION	BMP SELECTED	EXPLANATION
1	ENTRANCE / EXIT LOCATION	STABILIZED CONSTRUCTION ENTRANCE / EXIT	PREVENTS SILT AND DEBRIS FROM LEAVING SITE VIA CONSTRUCTION EQUIPMENT
2	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.05 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
3	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.03 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
4	SUMP CURB INLET	PHASE I FILTER FABRIC INLET PROTECTION PHASE II BLOCK & GRAVEL INLET PROTECTION	FLOW = 10.3 cfs PREVENTS SILT FROM UPSTREAM GRADING FROM ENTERING STORM DRAIN SYSTEM
5	OPEN CUT STREET PAVEMENT	EDGE OF PAVEMENT SEDIMENT TRAP	FILTERS SEDIMENT TO PREVENT FROM LEAVING OPEN CUT PAVEMENT
6	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.05 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
7	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.03 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
8	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.05 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
9	ON-GRADE CURB INLET	PHASE I FILTER FABRIC INLET PROTECTION PHASE II BLOCK & GRAVEL INLET PROTECTION	FLOW = 3.8 cfs PREVENTS SILT FROM UPSTREAM GRADING FROM ENTERING STORM DRAIN SYSTEM
10	ON-GRADE CURB INLET	PHASE I FILTER FABRIC INLET PROTECTION PHASE II BLOCK & GRAVEL INLET PROTECTION	FLOW = 1.4 cfs PREVENTS SILT FROM UPSTREAM GRADING FROM ENTERING STORM DRAIN SYSTEM
11	ON-GRADE CURB INLET	PHASE I FILTER FABRIC INLET PROTECTION PHASE II BLOCK & GRAVEL INLET PROTECTION	FLOW = 1.0 cfs PREVENTS SILT FROM UPSTREAM GRADING FROM ENTERING STORM DRAIN SYSTEM
12	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.05 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
13	SUMP CURB INLET	PHASE I FILTER FABRIC INLET PROTECTION PHASE II BLOCK & GRAVEL INLET PROTECTION	FLOW = 4.2 cfs PREVENTS SILT FROM UPSTREAM GRADING FROM ENTERING STORM DRAIN SYSTEM
14	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.05 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
15	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.07 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
16	ON-GRADE CURB INLET	PHASE I FILTER FABRIC INLET PROTECTION PHASE II BLOCK & GRAVEL INLET PROTECTION	FLOW = 3.9 cfs PREVENTS SILT FROM UPSTREAM GRADING FROM ENTERING STORM DRAIN SYSTEM
17	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.05 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
18	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.04 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
19	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.04 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
20	ON-GRADE CURB INLET	PHASE I FILTER FABRIC INLET PROTECTION PHASE II BLOCK & GRAVEL INLET PROTECTION	FLOW = 5.1 cfs PREVENTS SILT FROM UPSTREAM GRADING FROM ENTERING STORM DRAIN SYSTEM
21	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.05 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW
22	SHEET FLOW	REINFORCED SILT FENCE	DRAINAGE AREA TO SILT FENCE = 0.04 ac. < 0.25ac. / 100 L.F. MAX. DISTANCE OF FLOW = 80 ft. < 200 ft. PREVENTS DEBRIS AND SILT FROM LEAVING SITE VIA NON-CONCENTRATED FLOW

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PHASE II S.H. 205 BYPASS
FROM S.H. 276 TO INTERSTATE 30
SWP3 - STORM WATER
POLLUTION PREVENTION NOTES

STATE OF TEXAS
PHILIP L. GRAHAM
94719
LICENSED
PROFESSIONAL ENGINEER
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