

STORM WATER POLLUTION PREVENTION SHEET

SITE DESCRIPTION

PROJECT LIMITS :
E. AQUARIUM PL. FROM S. ELM ST. TO AQUARIUM DR.

PROJECT DESCRIPTION :
This project includes Construction of roadway improvements on Aquarium Place between S. Elm Street and S. Aquarium Drive. Said improvements will be to mill 2 inches of pavement, place a 2-inch overlay, and expand intersection entrance at Elm Street.

SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES : PRIOR TO INITIATING SOIL
DISTURBING ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL PERIMETER TEMPORARY
SEDIMENT CONTROLS SPECIFIED.

TOTAL AREA DISTURBED : 3.20 +/- ACRES

OFFSITE AREA TO BE DISTURBED : N/A

WEIGHTED RUNOFF COEFFICIENT : 0.3
BEFORE CONSTRUCTION : 0.3
AFTER CONSTRUCTION : 0.3

NAME OF RECEIVING WATERS : WILMOTT CREEK AND POLECAT CREEK

NOTE : THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE MAP THAT ILLUSTRATES THE DRAINAGE CHARACTERISTICS AND RECEIVING WATERS FOR THIS PROJECT. THIS SHEET SHOULD ALSO BE USED WITH THE EROSION CONTROL SUMMARIES, PAY ITEMS & NOTES.

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

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|-------------------------------------|---|
| ☐ | TEMPORARY SEEDING |
| ☒ | PERMANENT SODDING, SPRIGGING OR SEEDING |
| ☐ | VEGETATIVE MULCHING |
| ☐ | SOIL RETENTION BLANKET |
| ☐ | PRESERVATION OF EXISTING VEGETATION |

NOTE: TEMPORARY EROSION CONTROL METHODS MUST BE USED ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR OVER 14 DAYS. METHODS USED WILL BE AS SHOWN ON PLANS, OR AS DIRECTED BY THE ENGINEER.

STRUCTURAL PRACTICES:

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|-------------------------------------|--|
| ☒ | STABILIZED CONSTRUCTION EXIT |
| ☐ | TEMPORARY SILT FENCE |
| ☐ | TEMPORARY SILT DIKES |
| ☐ | TEMPORARY FIBER LOG |
| ☐ | DIVERSION, INTERCEPTOR OR PERIMETER DIKES |
| ☐ | DIVERSION, INTERCEPTOR OR PERIMETER SWALES |
| ☐ | ROCK FILTER DAMS |
| ☐ | TEMPORARY SLOPE DRAIN |
| ☐ | PAVED DITCH W/ DITCH LINER PROTECTION |
| ☐ | TEMPORARY DIVERSION CHANNELS |
| ☐ | TEMPORARY SEDIMENT BASINS |
| ☐ | TEMPORARY SEDIMENT TRAPS |
| ☐ | TEMPORARY SEDIMENT FILTERS |
| ☐ | TEMPORARY SEDIMENT REMOVAL |
| ☐ | RIP RAP |
| ☐ | INLET SEDIMENT FILTER |
| ☐ | TEMPORARY BRUSH SEDIMENT BARRIERS |
| ☐ | SANDBAG BERMS |
| ☐ | TEMPORARY STREAM CROSSINGS |

OFFSITE VEHICLE TRACKING:

- | | |
|----------|---|
| | HAUL ROADS DAMPENED FOR DUST CONTROL |
| <u>X</u> | LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN |
| <u>X</u> | EXCESS DIRT ON ROAD REMOVED DAILY |

NOTES:

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FOLLOWING:

MAINTENANCE AND INSPECTION:

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER FROM THE BEGINNING OF CONSTRUCTION UNTIL AN ACCEPTABLE VEGETATIVE COVER IS ESTABLISHED. INSPECTION BY THE CONTRACTOR AND ANY NECESSARY REPAIRS SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS RECORDED BY A NON-FREEZING RAIN GAUGE TO BE LOCATED ON SITE. POTENTIALLY ERODIBLE AREAS, DRAINAGEWAYS, MATERIAL STORAGE, STRUCTURAL DEVICES, CONSTRUCTION ENTRANCES AND EXITS ALONG WITH EROSION AND SEDIMENT CONTROL LOCATIONS ARE EXAMPLES OF SITES THAT NEED TO BE INSPECTED.

WASTE MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF CONSTRUCTION WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR. MATERIALS INCLUDE STOCKPILES, SURPLUS, DEBRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS. PRACTICES INCLUDE DISPOSAL, PROPER MATERIALS HANDLING, SPILL PREVENTION AND CLEANUP MEASURES. CONTROLS AND PRACTICES SHALL MEET THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AGENCIES.

HAZARDOUS MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE MATERIALS IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS, STATE AND FEDERAL REGULATIONS TO ENSURE CORRECT HANDLING, DISPOSAL, SPILL PREVENTION AND CLEANUP MEASURES. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO: PAINTS, ACIDS, CLEANING SOLVENTS, CHEMICAL ADDITIVES, CONCRETE CURING COMPOUNDS AND CONTAMINATED SOILS.

GENERAL NOTES:

A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED TO COMPLY WITH THE OKLAHOMA POLLUTION DISCHARGE ELIMINATION SYSTEM (OPDES) REGULATIONS. THIS PLAN IS INITIATED DURING THE DESIGN PHASE, CONFIRMED IN THE PRE-WORK MEETINGS AND AVAILABLE ON THE JOB SITE ALONG WITH COPIES OF THE NOTICE OF INTENT (NOI) FORM AND PERMIT CERTIFICATE THAT HAVE BEEN FILED WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ). THE PLAN MUST BE KEPT CURRENT WITH UP-TO-DATE AMENDMENTS DURING THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OFF-SITE OPERATIONS ASSOCIATED WITH THE PROJECT MUST BE DOCUMENTED IN THE SWPPP, I.E., BORROW PITS, WORK ROADS, DISPOSAL SITES, ASPHALT/CONCRETE PLANTS, ETC. THE BASIC GOAL OF STORM WATER MANAGEMENT IS TO IMPROVE WATER QUALITY BY REDUCING POLLUTANTS IN STORM WATER DISCHARGES. RUNOFF FROM CONSTRUCTION SITES HAS A POTENTIAL FOR POLLUTION DUE TO EXPOSED SOILS AND THE PRESENCE OF HAZARDOUS MATERIALS USED IN THE CONSTRUCTION PROCESS. THE PREVENTION OF SOIL EROSION, CONTAINMENT OF HAZARDOUS MATERIALS AND/OR THE INTERCEPTION OF THESE POLLUTANTS BEFORE LEAVING THE CONSTRUCTION SITE ARE THE BEST PRACTICES FOR CONTROLLING STORM WATER POLLUTION.

THE FOLLOWING SECTIONS OF THE 2019 ODOT STANDARD SPECIFICATIONS SHOULD BE NOTED:

103.05	BONDING REQUIREMENTS
104.10	FINAL CLEANING UP
104.12	CONTRACTOR'S RESPONSIBILITY FOR WORK
104.13	ENVIRONMENTAL PROTECTION
106.08	STORAGE AND HANDLING OF MATERIAL
107.01	LAWS, RULES AND REGULATIONS TO BE OBSERVED
107.20	STORM WATER MANAGEMENT
220	MANAGEMENT OF EROSION, SEDIMENTATION AND STORM WATER POLLUTION PREVENTION AND CONTROL
221	TEMPORARY SEDIMENT CONTROL

IN ADDITION:

"ODEQ GENERAL PERMIT (OKR10) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES WITHIN THE STATE OF OKLAHOMA." ODEQ, WATER QUALITY DIVISION, SEPTEMBER 13, 2017.

			SWPP SHEET	
DESIGN			CITY OF JENKS	
REVIEW			REHABILITATION NO ADDED LANES AQUARIUM PLACE IMPROVEMENTS (ELM STREET TO AQUARIUM DRIVE)	
APPROVED				
COUNTY : <u>TULSA</u>			LOCAL ST. : <u>AQUARIUM PLACE</u>	STATE JOB NO. : <u>35725(04)</u>
			SHEET NO. : <u>R001</u>	