### Waterline Pay Item Notes

1. **TESTING and COMMISSIONING OF WATER MAIN SHALL BE PERFORMED BY THE CITY OF TULSA. TESTING, CALIBRATION, and PLUMBING SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS. COMMISSIONING OF WATER MAINS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE WATER UTILITY.**

2. **CONTRACTOR SHALL CHARGE AND INSTALL TEMPORARY Flush/Purge NOZZLES FOR EACH STATION, EFFICIENTLY, AND EFFECTIVELY. COSTS ASSOCIATED WITH TEMPORARY flushing/PURGE NOZZLES SHALL BE INCLUDED IN THE CONTRACT PRICE.**

3. **ALL COSTS FOR TEMPORARY FLUSHING/PURGE NOZZLES, ROUGH-IN, COMMERCIAL STOPS, TUBING, MANUFACTURED CONNECTIONS, AND OTHER MATERIALS NOT SPECIFICATED SHALL BE INCLUDED IN THE CONTRACT PRICE.**

4. **BILLS SENT TO HARDMAN AND GLENN CONSTRUCTION SHALL INCLUDE TWO COSTS OF ROBERTS SIEMENS KOHRY R-8000, OF UPHOLSTERY EMBLEMS, COST TO INCLUDE EXISTING ROTS IN THE CONTRACT PRICE.**

5. **CONTRACTOR IS ENCOURAGED TO UTILIZE ALL AVAILABLE CROSSINGS ATOWN LINES THAT ARE RESIDUAL ON THE UTILITIES MAPPING SYSTEM. CONCERNING THE PERIOD IS WATER MAINS INSTALLATION AND REPLACEMENT.**

6. **CONTRACTOR SHALL CHARGE AND INSTALL TEMPORARY FLUSH/PURGE NOZZLES FOR EACH STATION, EFFICIENTLY, AND EFFECTIVELY. COSTS ASSOCIATED WITH TEMPORARY flushing/PURGE NOZZLES SHALL BE INCLUDED IN THE CONTRACT PRICE.**

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### General Notes

1. **IN ACCORDANCE WITH SECTION 106.4 THE COST IS ASSUMING THAT THE SUCCESSFUL CONTRACTOR WILL UTILIZE THE APPROPRIATE MEANS TO PROTECT THE WORK FROM WINTER CONDITIONS. THE CONTRACTOR IS ENCOURAGED TO PROPERLY PROTECT THE MATERIALS AND WORK FROM WINTER CONDITIONS.**

2. **CONTRACTOR SHALL CHARGE AND INSTALL TEMPORARY FLUSH/PURGE NOZZLES FOR EACH STATION, EFFICIENTLY, AND EFFECTIVELY. COSTS ASSOCIATED WITH TEMPORARY flushing/PURGE NOZZLES SHALL BE INCLUDED IN THE CONTRACT PRICE.**

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### Waterline Material Log

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<tr>
<th>Product</th>
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<th>Color</th>
<th>Grade</th>
<th>Size</th>
<th>Source</th>
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<tr>
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<td>8</td>
<td>1</td>
<td>Manufacturer Y</td>
<td>Store B</td>
</tr>
</tbody>
</table>

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STORMWATER MANAGEMENT PLAN

Site Description:

PROJECT LIMITS: THIS PROJECT IS A NEW WATERLINE IMPROVEMENT PROJECT
- EAST SIDE PLACE NORTH WEST TO STREET DEAD END
- EAST SIDE STREET NORTH EAST TO NORTH OKCRAVE AVENUE

PROJECT DESCRIPTION: WATERLINE REPLACEMENT

SUGGESTED SEQUENCE OF CONSTRUCTION
- INSTALL NEW WATERLINE AS NEEDED
- SITE CLEANUP AND STABILIZATION
- REMOVE TEMPORARY EROSION CONTROLS

TOTAL AREA TO BE DISTURBED: APPROXIMATELY 6.4 ACRES

NOTE: THIS AREA IS TO BE CALCULATED AS "HIST TO RVP" FOR THE EXTENTS OF THE PROJECT, INCLUDING ANY INCIDENTAL CONSTRUCTION.

WEIGHTED RUNOFF COEFFICIENT: 0.8 (PEDESTRIAN)

NOTE: THIS SHOULD BE DETERMINED BY THE HYDRAULIC DESIGNER FOR THE PROJECT. THIS VALUE SHOULD BE THE AVERAGE "C" FACTOR USED ON THE PROJECT. IT SHOULD BE BASED ON AN ANTICIPATED FUTURE LAND USE.

NAME OF RECEIVING WATERS: UNNAMED TRIBUTARY TO DIRT RIVER CREEK

NOTE: THIS SHOULD DESCRIBE EACH NAMED CREEK, RIVER, OR BODY OF WATER WHICH IS RECEIVING STORMWATER RUNOFF.

NOTE: THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE OR SITE MAP THAT ILLUSTRATES THE DRAINAGE CHARACTERISTICS AND RECEIVING WATERS FOR THE PROJECT.

ENDANGERED SPECIES: THIS PROJECT IS NOT LOCATED WITHIN THE FEDERAL OR STATE->ListED ENDANGERED SPECIES. THE PROJECT IS NOT LOCATED WITHIN THE FEDERAL OR STATE-LEVELThreatened Species. NO FURTHER INVESTIGATION IS REQUIRED FOR THIS AREA.

KEEPING PLANS CURRENT: AS PER PART IX SECTIONS E.11.2.2 OF THE ODES PERMIT OR I/O

LISTING USE CONTACT DOCUMENTS THE OIIIDEREFORMAT OF THIS PROJECT AGREES TO
UPDATE THIS STORM SEWER POLLUTION PREVENTION PLAN TO REMAIN CONSISTENT WITH ANY CHANGES APPLICABLE TO PROTECTING SURFACE WATER RESOURCES IN SEWER DRAINAGE SITE PLANS OR SITE PERMITS, OR THE STORMWATER MANAGEMENT SITE PLAN OR SITE PERMITS
APPROVED BY STATE OR LOCAL OFFICIALS FOR WHICH THE PERMITTING REGULATORY NOTICE.

Soil Stabilization Practices:
- TEMPORARY SEEDING
- PERMANENT SEEDING
- MULCHING
- SOIL RETENTION BLANKET
- INSEMINATION OF EXISTING VEGETATION

OTHER:

Structural Practices:
- DILATION SCREENS
- DILATION Dike and Ditch Trenches
- DILATION INTERCEPTOR OR PERIMETER DITCHES
- DILATION Dike and Ditch Combinations
- PIPE DRAINAGE
- DILATION Dike and Ditch Liner Protection
- DILATION ENRICHED DYES (USES WITHIN GRADES SHALL BE USED AS VELOCITY DESIGNATION DEVICE)
- TEMPORARY SEDIMENT BARRIERS
- TEMPORARY SEDIMENT FILTERS (CONTRACTOR SHALL USE DRAIN BASINS IN DRAINS THROUGHOUT CONSTRUCTION, COST TO BE INCLUDED IN OTHER ITEMS OF WORK)

Offsite Vehicle Tracking:
- Haul roads minimized for dust control
- Loaded haul truck to be covered with tarps
- Excess dirt on road removed daily
- Stabilization construction entrance exit

Additional Information:

STORM AREA IS CONTRACTOR-DEPENDENT AND NOT SHOWN. CONTRACTOR SHALL SURVY A STORM DRAIN IN ONGOING SCHEDULE TO THE CITY OF OKLA OR TO WORK AND IT WILL BECOME PART OF THE SDF.

Other Erosion and Sediment Controls:

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, BUT NOT LESS THAN 60 CALORIDAYS. 

A PERIODIC INSPECTION WILL BE PERFORMED EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH (12 MM) RECEIVED BY A NONINTEGRATED RAIN GAUGE TO BE LOCATED OVER POTENTIALLY ERODIBLE AREAS, DRAINAGES, WATERS, STORAGE, STRUCTURAL DEVICES, CONSTRUCTION ENTRANCES AND EXITS ALONG WITH EROSION AND SEDIMENT CONTROL LOCATIONS AND 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 STORMWATER, SURPLUS, DEBRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS. PRACTICES INCLUDING STORAGE, PROPER MATERIALS HANDLING, SPILL PREVENTION AND CLEANUP MEASURES. CONTRACTORS AND PRACTICES SHALL MEET THE REQUIREMENTS OF ALL FEDERAL, STATE, AND LOCAL AGENCIES.

HAZARDOUS WASTE:

PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR. CONTRACTORS SHALL BE RESPONSIBLE FOR FOLLOWING MANUFACTURERS RECOMMENDATIONS, STATE AND FEDERAL REGULATIONS TO ENSURE CORRECT HANDLING, DESTRUCTION, STORAGE AND DISPOSAL MEASURES. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO PAINTS, ACRYLIC 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 (ODPS) GENERAL PERMIT (95-01) REGULATIONS. THIS PLAN IS DEVELOPED DURING THE DESIGN PHASE. CONFIRMED IN THE PRE-BIDS, MEETINGS AND AVAILABLE ON THE JOB SITE. THE BASIC GOAL OF STORMWATER MANAGEMENT IS TO IMPROVE WATER QUALITY BY REDUCING POLLUTANTS IN STORMWATER 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, CONTAMINATION OF HAZARDOUS MATERIALS AND THE INTERCEPTION OF THESE POLLUTANTS ARE imperative for Remedies. Before Leaving this Construction Site are the Best Practices for Controlling Stormwater Pollution.

THE FOLLOWING SUBSECTIONS OF THE 2016 ODPS STANDARD SPECIFICATIONS SHOULD BE NOTED:

SECTION 203: TEMPORARY EROSION, SEDIMENTATION, AND STORMWATER POLLUTION PREVENTION AND CONTROL.