

**CITY OF MOORHEAD ENG. PROJECT 03-A6-10
PRAIRIE SUN ADDITION UNDERGROUND UTILITIES**

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

1. INSPECTION AND MAINTENANCE OF BMP'S
 - a. The Contractor will be responsible for inspection, record keeping and maintenance of all BMP's implemented as part of this project per the following sections:
 - i. 17000 Special Provisions
 - ii. 00900 Specifications for Air and Water Pollution
 - iii. 02275 Riprap
 - iv. 02276 Erosion and Sediment Control.
 - b. Inspection logs will be turned in to the City Inspector every two weeks.
 - c. The Contractor will be responsible for installing riprap and silt fence as inlet protection per plans.
 - d. The Contractor shall be responsible for maintaining public street access points clear of sediment. Access points are designated in the plans.
 - e. The Contractor shall be responsible for maintenance of silt fence as shown on the plan.
 - f. The Contractor shall be responsible for maintenance of rock riprap as shown on the plan, including energy dissipating rock at pipe outlets designated in the plan specifications.
2. TIMING OF BMP INSTALLATION
 - a. The Contractor shall install silt fence and inlet protection prior to removal of topsoil.
 - b. The Contractor will install rock riprap at pipe inlets and outlets so as to minimize the amount of unprotected bank area.

PERMANENT EROSION AND SEDIMENT CONTROL PLAN

1. RESPONSIBILITY FOR MAINTAINING WATER QUALITY BMP'S
 - a. The responsibility for inspecting the BMP's will be the Contractor's.
 - b. Responsibility for maintaining the silt fence will be the Contractor until final stabilization (turf establishment).
2. LAND FEATURE CHANGES
 - a. Total project area is 16.43 acres.
 - b. Total impervious surface area of the project is 0.0 acres.
 - c. Total pervious area of the project is 16.43 acres.
 - d. Total estimated impervious surface area of ultimate project is 6.72 acres.
 - e. Total estimated pervious area of ultimate development is 9.71 acres.