

## SCDOT – US1 AT I-20 WEST SIDE GMR PROCEDURES

**WO#: WFM.G10972**

**Project #: G10972**

**MAOP: 60 psig**

**Design MAOP: 60 psig**

**Operating Pressure: 40 psig**

**Test Pressure: 100-115 psig**

*NOTE: If performing work in or near a station include inlet and outlet MAOP and Operating Pressure.*

### Field Procedures

1. Review (and sign) safety tailboard and review plans/procedures.
2. Install 590' of 6" steel main (P-1) and fittings as per proposed drawing.
3. Test P-1 to 100-115 psig for a minimum of 4 hours. Blow down after verification of successful test.
4. Test all new fittings to 100-115 psig for a minimum of 15 minutes. Blow down after verification of successful test.

### Day #1 for Operations

5. Tap proposed 6" steel bottom-out fitting F-1.
6. Purge P-1 to 100% natural gas at purge point #1.
7. Tap proposed 6" steel bottom-out fitting F-2.

8. Tie over all existing services.

### Day #2 for Operations

9. Stop off proposed 6" steel bottom-out fitting F-2.
10. Stop off proposed 6" steel bottom-out fitting F-1.
11. Purge EX-1 using 100% nitrogen at purge point #2 to 0% natural gas at purge points #3 and #4.
12. Cut EX-1 at cut and cap points #1 and #2.
13. Remove the stoppers on F-1 and F-2 and install completion plugs.
14. Soap test all exposed fittings.
15. Complete and return as-built, fitting sheets, pipeline test report, HDD as-builts, valve sheets, and any other required paperwork.