MEMORANDUM

Date: September 19, 2019
To: Seven County Infrastructure Coalition
From: Michael Hawley, PE; Brian Barton, PE, Daniel Hawley, PE
Subject: Summary of Work

Seven County Infrastructure Coalition – Uinta Rail Line

1. Phase 11 – Ute Tribe Temp Surface Use Fee
   - Renewed access permit for UTERO
   - Worked on information on Business license and other permit questions for UTERO.

2. Phase 12 – Phase 2 Program Management Services
   - Weekly team coordination meetings and meetings with OEA.
   - Strat Comm budget review and coordination meetings with Moffat County.
   - Weekly summary of rail work preparation and budget reviews.
   - Follow up with UDWR and CPW. Wildlife data and easements coordination.
   - Review of subconsultant scopes of work and progress.
   - FOIA / GRAMA request documentation gathering and coordination.
   - GRAMA appeal coordination and gathering.

3. Phase 90 – Milestone 1 Mapping Services
   - Coordination with Survey team. Discussed property owner coordination, survey progress.
   - Aerographics schedule and data coordination.
   - Weekly project meetings and schedule updates.
   - Review of ROW and section information.
   - Updates to property status access map.
   - Quality control review of aerial data. Surface and boundary creation.
   - Set aerial targets and coordinated with property plat information.
   - Located survey monuments and section corners. Coordinated utility locations.
   - Coordination with property owners throughout survey process.
   - There are several large invoices totaling nearly $250K from aerial companies in this invoice to cover several flights and associated processing time.
4. Phase 91 – Right-of-Way Acquisition
   o Finalized Indian Canyon map for ROW discussions; worked on map of property owners in Lower Argyle Canyon.

5. Phase 93 – ROW Planning
   o Landowner meetings, maps and contacts review, scheduled initial landowner meetings.

Seven County Infrastructure Coalition – Engineering, Planning, Coordination (Category 8)
1. Phase 39 – Planning & Studies
   o Monthly summary update.
   o Board Meeting Preparation.
   o Navajo Mountain to Oljato Road site meeting with Chapter.
   o Updated Coalition planning and analysis web GIS data.

2. 3A - Coalition Website
   o Website updates and improvements. Fixed time display issue, optimized images to improve speed of webpage loading.

Seven County Infrastructure Coalition – Leland Bench Utilities
1. Phase 31 Planning and Studies
   o GAS
     ▪ Cactus habitat discussions.
     ▪ Created kmz of floodplains and tribe cactus plan. Updated overview map.
     ▪ Coordination with tribal personnel on permitting requirements and process
     ▪ Discussions with IAG on gas volume peaking demands at the refinery
     ▪ Meeting with Reed Page on Anadarko connection.
   o WATER
     ▪ Water source estimates and compilation and comparison.
     ▪ Transwest coordination meeting with Eric.
     ▪ Review of hydraulics for pipeline.
     ▪ Updated cost estimates.

2. Phase 32 – Duchesne River Pumping Option
   o Worked on cost estimates for additions to building and new 6-inch pipelines.
   o Created proposed water line realignment station elevation points.
   o Prepared system costs.
Hydraulic analysis and preliminary design for pipeline on Duchesne river.
Prepared cost estimate for booster pump and discussed power needs to booster pump along pipeline alignment.

3. Phase 91 – Hicken Property Survey
   Prepared maps for Rod Hicken.