



GDA Engineers
502 33rd Street
Cody, WY 82414

WEEKLY CONSTRUCTION PROGRESS AND INSPECTION REPORT

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|-------------------------------------------------|
| Period Ending |
| September 2 nd , 2016 Weekly # 32 |
| Project AIP Number |
| 3-49-0037-032-2015 |

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| Airport Name Vernal Regional Airport (VEL) | | | | | |
| Project Description Earthwork and Drainage | Contractor's Name J. Wright Companies | | | | |
| <p>1. Rough Estimate of Percent Completion to Date of Construction Phases <i>(Include items such as clearing, grading, drainage, base, surface, lighting, etc.)</i></p> <p>"Notice to Proceed" issued November 2, 2015</p> <p>Total Project Complete: 78%</p> <p>See attached Percent Complete spreadsheet.</p> | | | | | |
| <p>2. Work Completed or in Progress this Period.</p> <p>Scrapers continued to place embankment fill material from approx. STA 50+00 to 20+00 on western slope as well as areas under future pavement. Pipe laying crew began laying southernmost lateral for ST-B on 8/29. Pipe laying crew set base for MH ST-B6 and MH ST-B7. JWright welder arrived on-site and welded trash racks for SD-A and SD-B headwalls. Once completing the trash racks, they were sent off to get dipped and galvanized. This process will take 2-3 weeks. On 8/31, earthwork crew began placing material for the top 18" under future pavement, which requires 100% compaction. Completed backfill on portion of southern ST-B lateral to return Contractor access on 1500 S.</p> | | | | | |
| <p>3. Brief Weather Summary This Period Including Approximate Rainfall and Periods of Below Freezing Temperature <i>(On earthwork jobs include soil conditions).</i></p> <p>Warm, sunny, and dry most of the week (low 50s in the morning climbing to low-mid 80s by afternoon). Moderate winds in the afternoons.</p> | | | | | |
| <p>4. Contract Time</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">No. Days Charged</td> <td style="width: 50%; padding: 2px;">Last Work Day Charged (date)</td> </tr> <tr> <td style="padding: 2px;">161 of 222</td> <td style="padding: 2px;">9/2/16</td> </tr> </table> | No. Days Charged | Last Work Day Charged (date) | 161 of 222 | 9/2/16 | <p>5. Summary of Laboratory and Field Testing This Period <i>(note failing tests and any retests. Summarize out-of-tolerance material. Identify materials subject to pay reduction.)</i></p> <p>QA/QC testing for moisture and density was completed on embankment fill from 20+00 to 50+00, and ST-B backfill. All failing tests were reworked until passing tests were achieved.</p> |
| No. Days Charged | Last Work Day Charged (date) | | | | |
| 161 of 222 | 9/2/16 | | | | |
| <p>6. Describe Anticipated Work by Contractor for Next Period</p> <p>Continue placing embankment material under future runway pavement that requires 100% compaction. Resume installation of 12" RCP for SD-D. May begin remainder for UD-A near commercial apron.</p> | | | | | |
| <p>7. Problem Areas/Other Comments <i>(Revisions to plans and specifications approved or denied, delays difficulties, etc., and actions taken.)</i></p> <p>-While installing ST-B, access to the Contractor's staging area was cut off. Contractor will use gate near Engineer's job trailer until ST-B is installed and backfilled.</p> <p>-Airport personnel noticed that obstruction lights on beacon weren't working. BHI arrived on-site to troubleshoot the issue and had the obstruction lights working on 8/31.</p> <p>-Once reaching the embankment areas that require 100% compaction, increased watering and rolling efforts were required to achieve 100% as compared to 95% compaction requirements. 3-4 Lots/day would be passed on the 100% area on average.</p> | | | | | |

SPONSOR'S INSPECTOR OR REPRESENTATIVE

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| <p>9/6/16 Date</p> | <p>Wes Werbelow, Chief RPR Typed or Printed Name and Title</p> | Signature |
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Weekly Construction Report – Estimate of Percent Completion to Date

| Item No. | Item Description | Estimated % Complete | Item No. | Item Description | Estimated % Complete |
|----------|-----------------------------------------------------------|----------------------|----------|---------------------------------------------------------|----------------------|
| P-100 | Mobilization | 80.00% | D-701a | 12" RCP Pipe | 80.83% |
| P-101a | Pavement Removal - 4" - 6" Depth | 100.00% | D-701b | 6" PVC Pipe | 40.24% |
| P-101b | Pavement Removal - 6" - 8" Depth | 100.00% | D-701f | 36" Corrugated PVC Pipe | 100.00% |
| P-101c | Pavement Removal - 8" - 10" Depth | 100.00% | D-701g | 36" RCP Pipe | 100.00% |
| P-101d | Saw Cut Existing Pavement | 168.32% | D-701h | 48" RCP Pipe | 100.00% |
| P-101e | Obliterate Paint Markings | 114.31% | D-701i | 54" RCP Pipe | 100.00% |
| P-101f | Place Millings 3" Thick | 71.14% | D-701j | Rock Excavation for Drainage Trenches | 99.52% |
| P-102 | Pothole Utilities | 100.00% | D-701k | Over-excavation of Trench Foundation | 100.00% |
| P-150a | Underdrain Demo - 6" PVC | 77.56% | D-701l | Trench Foundation Crushed Aggregate Backfill | 100.00% |
| P-150c | Storm Sewer Demo - 12" RCP | 100.00% | D-701m | Dewatering of Excavations | 90.00% |
| P-150d | Storm Sewer Demo - Manhole/Inlet | 100.00% | D-701n | 18" RCP Pipe | 92.62% |
| P-150e | Storm Drain Demo - 18" CMP | 96.94% | D-701o | 30" RCP Pipe | 100.00% |
| P-150f | Storm Drain Demo - 18" RCP | 17.90% | D-705 | 6" Perforated PVC Pipe | 84.76% |
| P-150g | Storm Drain Demo - 24" RCP | 100.00% | D-751a | 48" Manhole | 73.53% |
| P-150h | Salvage 4 Box PAPI | 100.00% | D-751b | 60" Manhole | 100.00% |
| P-150i | Taxiway Edge Light Demo | 100.00% | D-751c | 6' x 4' Concrete Vault | 95.00% |
| P-150j | Taxiway Sign Demo | 100.00% | D-751d | 6' x 6' Concrete Vault | 100.00% |
| P-150k | Conduit/Wire Demo | 85.95% | D-751e | 8' x 4' Concrete Vault | 100.00% |
| P-150l | Beacon Demo | 90.00% | D-751f | 8' x 6' Concrete Vault | 100.00% |
| P-150m | Wind Cone & Segmented Circle Demo | 0.00% | D-752a | 36" Culvert Headwall | 100.00% |
| P-150n | Salvage 10' Wildlife Fence | 103.98% | D-752b | 54" Culvert Headwall | 100.00% |
| P-150o | Remove Existing ASOS Foundations | 100.00% | D-752c | 54" Culvert Headwall with 12" Head gate | 0.00% |
| P-150p | Remove Debris Pile | 0.00% | D-754 | Concrete Lined Ditch | 0.00% |
| P-151a | Clearing | 0.00% | F-162a | 10' Chain-Link Fence | 0.00% |
| P-151b | Clearing and Grubbing | 100.00% | F-162b | 10' Chain-Link Brace Panel | 0.00% |
| P-151c | Remove Tree - 2' - 5' in diameter | 100.00% | F-162c | 24' Double Swing Chain-link Gate | 100.00% |
| P-151d | Remove Tree - >5' in diameter | 100.00% | F-162d | Finish Fence/Install Gate | 100.00% |
| P-152a | Unclassified Excavation | 80.00% | T-901 | Seeding | 0.00% |
| P-152b | Subgrade Preparation | 100.00% | T-905a | Topsoil Stripping to Stockpile | 73.18% |
| P-152c | Unsuitable Excavation | 58.95% | T-905b | Topsoil Stockpile to Placement | 0.00% |
| P-152d | Select Trench Backfill | 49.67% | T-908 | Mulching | 0.00% |
| P-153 | Controlled Low Strength Material (CLSM) | 100.00% | L-100a | Airfield Demolition and Removal | 100.00% |
| P-156a | Temp Air, Water Pollution, Soil Erosion, and Silt Control | 80.00% | L-100b | Cable Medgar Testing | 0.00% |
| P-156b | Silt Fence | 65.91% | L-100c | ASOS Relocation | 100.00% |
| P-156c | Inlet Protection | 71.43% | L-100d | Miscellaneous Electrical Vault Work | 85.00% |
| P-156d | Erosion Control Log | 0.00% | L-101 | Beacon, Medium Intensity, Installed Complete | 100.00% |
| P-156e | Straw Check Dam | 0.00% | L-107a | Primary Windcone & Segmented Circle | 0.00% |
| P-156f | Rock Check Dam | 0.00% | L-107b | Tip Down Tower for ASOS Antenna | 100.00% |
| P-156g | Rip Rap | 30.58% | L-108a | #8 5KV L-824 C Cable | 100.00% |
| P-208 | Crushed Aggregate Base Course | 0.00% | L-108b | Power feed to ASOS | 97.06% |
| P-310 | Stabilization Geotextile | 100.00% | L-108c | Power feed to New Beacon | 100.00% |
| P-311 | Biaxial Geogrid | 100.00% | L-108d | Power Feed to Primary Cone | 0.00% |
| P-403a | Bituminous surface Course - Plant Mix | 0.00% | L-108e | #6 Solid B.C. Counterpoise Installed above Conduit/Duct | 57.39% |
| P-403b | Bituminous Surface Course - Binder Material | 0.00% | L-110a | One 2-Inch Conduit, Direct Buried (D.B.) | 97.97% |
| P-603 | Bituminous Tack Coat | 0.00% | L-110b | One 2-Inch Conduit, Directional Drilled | 100.00% |
| D-700a | 8" PVC Irrigation Pipe | 100.00% | L-110c | Two 2-Inch Conduit, Concrete Encased (C.E.) | 100.00% |
| D-700b | 14" HDPE Pipe Sleeve | 101.49% | L-110d | One 4-Inch Conduit, C.E. | 100.00% |
| D-700c | 4" IPS Pressure Pipe | 106.34% | L-115 | Handhole, 2'x3', Traffic Rated | 100.00% |
| D-700d | 8" Inline Gate Valve | 100.00% | L-867a | Size "B" L-867 Base Can and Cover | 100.00% |
| D-700e | 6" Inline Gate Valve | 100.00% | L-867b | Size "D" L-867 Base Can and Cover | 100.00% |
| D-700f | 4" Inline Valve | 100.00% | L-867c | Size "B" L-867 Base Can Blank Cover | 100.00% |
| D-700g | Combination Air Valve - 3" | 100.00% | | | |
| D-700h | 6" PVC Cleanout | 100.00% | | | |
| D-700i | Rigid Insulation | 100.00% | | | |
| D-700j | 10" PVC Irrigation Pipe | 99.46% | | | |
| D-700k | 10" Inline Gate Valve | 100.00% | | | |
| D-700l | 2" Gate Valve | 100.00% | | | |

CONSTRUCTION PHOTOS



Placing embankment fill (8/29)



Taking fill from cut area (8/30)



Installing southern ST-B lateral (8/30)



Installing southern ST-B lateral (8/30)



Scrapers hauling material from cut (8/30)



Installing MH ST-B6 (8/30)



Installing southern ST-B lateral (9/1)



Installing southern ST-B lateral (9/1)



Working on 100% compaction area (9/2)



Cut area - MH will be removed (9/2)