



GDA Engineers  
 502 33<sup>rd</sup> Street  
 Cody, WY 82414

## WEEKLY CONSTRUCTION PROGRESS AND INSPECTION REPORT

Period Ending
May 27 <sup>th</sup> , 2016 Weekly # 20
Project AIP Number
3-49-0037-032-2015

Airport Name Vernal Regional Airport (VEL)					
Project Description Earthwork and Drainage	Contractor's Name J. Wright Companies				
1. Rough Estimate of Percent Completion to Date of Construction Phases <i>(Include items such as clearing, grading, drainage, base, surface, lighting, etc.)</i>  "Notice to Proceed" issued November 2, 2015  Total Project Complete: 40%  See attached Percent Complete spreadsheet.					
2. Work Completed or in Progress this Period.  Completed placement of SD-B and SD-C pipe, and continued to backfill on these pipe runs. Subcontractor began laying UD-A pipe starting at MH #UD-A10 and moving upstation. Set MH #UD-A9 and UD-A8. Tied in UD-A to previously installed MH #UD-A7. Continued laying 54" RCP for SD-E. Set first MH on SD-A and began laying pipe upstation. Continued building up embankment from STA 25+00 to 40+00. Poured SD-B and SD-C headwalls and placed rip rap for SD-C and SD-B and turned water down SD-C to help prevent flooding. Placed electrical conduit across connector A5.					
3. Brief Weather Summary This Period Including Approximate Rainfall and Periods of Below Freezing Temperature <i>(On earthwork jobs include soil conditions).</i>  Sunny and warm all week. Strong afternoon winds Monday, Tuesday, and Thursday.					
4. Contract Time  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">No. Days Charged</td> <td style="width: 50%; border-bottom: 1px solid black;">Last Work Day Charged (date)</td> </tr> <tr> <td>90 of 222</td> <td>5/27/16</td> </tr> </table>	No. Days Charged	Last Work Day Charged (date)	90 of 222	5/27/16	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> QA/QC testing for moisture and density was completed on backfill for SD-B, wetlands backfill between SD-B and SD-C, and embankment material from STA 25+00 to 40+00, and backfill behind headwalls. All failing tests were reworked until passing results were achieved.
No. Days Charged	Last Work Day Charged (date)				
90 of 222	5/27/16				
6. Describe Anticipated Work by Contractor for Next Period  Continue placing SD-A, UD-A, and SD-E pipe. Slurry backfill existing pipes. Continue building up embankment under proposed runway.					
7. Problem Areas/Other Comments <i>(Revisions to plans and specifications approved or denied, delays difficulties, etc., and actions taken.)</i>  -Old asphalt layer was encountered under base course layer under milled Taxiway A. Since hauling the asphalt would be costly to remove offsite, it will be rubblized and incorporated into subgrade. 4 samples were taken to get Proctors for moisture and density to be used for QA/QC testing. -Due to the nature of the tight gravel bed encountered on SD-E, geogrid will not be used in this area as the pipe has a very solid foundation. Fabric will still be used. Geogrid will be used once the pipe is out of this gravel bed. -No existing counterpoise was found on A4 or A5. After discussions with Dinter, no counterpoise will be placed on the connector crossings since there is no existing counterpoise to tie into.					

**SPONSOR'S INSPECTOR OR REPRESENTATIVE**

<b>5/31/16</b> Date	<b>Wes Werbelow, Chief RPR</b> Typed or Printed Name and Title	 Signature
------------------------	---	---------------

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	32.77%
P-101a	Pavement Removal - 4" - 6" Depth	100.00%	D-701b	6" PVC Pipe	0.00%
P-101b	Pavement Removal - 6" - 8" Depth	100.00%	D-701f	36" Corrugated PVC Pipe	33.27%
P-101c	Pavement Removal - 8" - 10" Depth	100.00%	D-701g	36" RCP Pipe	95.88%
P-101d	Saw Cut Existing Pavement	84.16%	D-701h	48" RCP Pipe	0.00%
P-101e	Obliterate Paint Markings	<b>114.31%</b>	D-701i	54" RCP Pipe	30.19%
P-101f	Place Millings 3" Thick	0.00%	D-701j	Rock Excavation for Drainage Trenches	20.83%
P-102	Pothole Utilities	<b>100.00%</b>	D-701k	Over-excavation of Trench Foundation	62.06%
P-150a	Underdrain Demo - 6" PVC	0.00%	D-701l	Trench Foundation Crushed Aggregate Backfill	66.62%
P-150c	Storm Sewer Demo - 12" RCP	9.22%	D-701m	Dewatering of Excavations	21.00%
P-150d	Storm Sewer Demo - Manhole/Inlet	12.50%	D-701n	18" RCP Pipe	0.00%
P-150e	Storm Drain Demo - 18" CMP	0.00%	D-701o	30" RCP Pipe	0.00%
P-150f	Storm Drain Demo - 18" RCP	19.02%	D-705	6" Perforated PVC Pipe	52.61%
P-150g	Storm Drain Demo - 24" RCP	39.85%	D-751a	48" Manhole	20.59%
P-150h	Salvage 4 Box PAPI	50.00%	D-751b	60" Manhole	87.50%
P-150i	Taxiway Edge Light Demo	82.52%	D-751c	6' x 4' Concrete Vault	35.00%
P-150j	Taxiway Sign Demo	88.24%	D-751d	6' x 6' Concrete Vault	0.00%
P-150k	Conduit/Wire Demo	73.33%	D-751e	8' x 4' Concrete Vault	50.00%
P-150l	Beacon Demo	0.00%	D-751f	8' x 6' Concrete Vault	50.00%
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	0.00%
P-150o	Remove Existing ASOS Foundations	0.00%	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	50.00%	F-162b	10' Chain-Link Brace Panel	0.00%
P-151c	Remove Tree - 2' - 5' in diameter	<b>100.00%</b>	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	<b>100.00%</b>
P-152a	Unclassified Excavation	21.84%	T-901	Seeding	0.00%
P-152b	Subgrade Preparation	0.00%	T-905a	Topsoil Stripping to Stockpile	45.76%
P-152c	Unsuitable Excavation	52.05%	T-905b	Topsoil Stockpile to Placement	0.00%
P-152d	Select Trench Backfill	45.71%	T-908	Mulching	0.00%
P-153	Controlled Low Strength Material (CLSM)	0.00%	L-100a	Airfield Demolition and Removal	0.00%
P-156a	Temp Air, Water Pollution, Soil Erosion, and Silt Control	40.00%	L-100b	Cable Medgar Testing	0.00%
P-156b	Silt Fence	65.91%	L-100c	ASOS Relocation	0.00%
P-156c	Inlet Protection	71.43%	L-100d	Miscellaneous Electrical Vault Work	0.00%
P-156d	Erosion Control Log	0.00%	L-101	Beacon, Medium Intensity, Installed Complete	0.00%
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	0.00%
P-156g	Rip Rap	14.81%	L-108a	#8 5KV L-824 C Cable	0.00%
P-208	Crushed Aggregate Base Course	0.00%	L-108b	Power feed to ASOS	0.00%
P-310	Stabilization Geotextile	127.40%	L-108c	Power feed to New Beacon	0.00%
P-311	Biaxial Geogrid	117.92%	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	0.00%
P-403b	Bituminous Surface Course - Binder Material	0.00%	L-110a	One 2-Inch Conduit, Direct Buried (D.B.)	5.74%
P-603	Bituminous Tack Coat	0.00%	L-110b	One 2-Inch Conduit, Directional Drilled	0.00%
D-700a	8" PVC Irrigation Pipe	100% (Removed)	L-110c	Two 2-Inch Conduit, Concrete Encased (C.E.)	0.00%
D-700b	14" HDPE Pipe Sleeve	101.49%	L-110d	One 4-Inch Conduit, C.E.	0.00%
D-700c	4" IPS Pressure Pipe	101.02%	L-115	Handhole, 2'x3', Traffic Rated	0.00%
D-700d	8" Inline Gate Valve	100% (Removed)	L-867a	Size "B" L-867 Base Can and Cover	0.00%
D-700e	6" Inline Gate Valve	100.00%	L-867b	Size "D" L-867 Base Can and Cover	0.00%
D-700f	4" Inline Valve	100.00%	L-867c	Size "B" L-867 Base Can Blank Cover	0.00%
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 and compacting embankment (5/24)



Pouring SD-B headwall (5/24)



Pouring SD-B headwall (5/25)



Setting MH SD-A1 (5/25)



Placing 54" for SD-A (5/26)



Headwall and rip rap for SD-C (5/26)



Placing conduit under connector A5 (5/27)



Placing MH for SD-A (5/27)