GDA ENGINEERS

GDA Engineers
502 33rd Street
Cody, WY 82414

WEEKLY CONSTRUCTION PROGRESS AND INSPECTION REPORT

Period Ending
October 29th, 2016 Weekly # 40
Project AIP Number
3-49-0037-032-2015

Airport Name	
Vernal Regional Airport (VEL)	
Project Description	Contractor's Name
Earthwork and Drainage	J. Wright Companies

1. Rough Estimate of Percent Completion to Date of Construction Phases *(Include items such as clearing, grading, drainage, base, surface, lighting, etc.)*

"Notice to Proceed" issued November 2, 2015

Total Project Complete: 92%

See attached Percent Complete spreadsheet.

2. Work Completed or in Progress this Period.

Continued to work on final grading and final balancing of earthwork in cut area and on west slope. GDA surveyor worked on accepting grade from 13+00 to 43+00 on Tuesday on east slope (found 4 points out of tolerance). BHI crew continued to work on segmented circle and primary windcone by pouring anchors for panels and wind cone on Thursday and attaching panels on Friday. BHI crew also replaced previously broken cable and obstruction light (loose wiring) on beacon. Small earthwork crew finished digging v-ditch in cut area on Wednesday. Began finishing subgrade under future pavement on Thursday evening. Spent Friday and Saturday working on grading runway surface from 13+00 to 25+00.

3. Brief Weather Summary This Period Including Approximate Rainfall and Periods of Below Freezing Temperature *(On earthwork jobs include soil conditions).*

Rains on Monday nights. Sunny, clear, and cool rest of week (high 30s in the morning, low to mid 60s by afternoon).

4. Contract Time

No. Days Charged	Last Work Day Charged (date)
205 of 222	10/29/2016

5. Summary of Laboratory and Field Testing This Period *(note failing tests and any retests. Summarize out-of-tolerance material. Identify materials subject to pay reduction.)*

QA/QC testing for moisture and density was completed on runway embankment in excavation area under future pavement as well as areas where shoulders were filled in. All failing tests were reworked until passing tests were achieved. Concrete testing occurred on Thursday.

6. Describe Anticipated Work by Contractor for Next Period

Continue finish grading and punchlist items. BHI will hook set up wind cone and demo existing wind cone.

7. Problem Areas/Other Comments *(Revisions to plans and specifications approved or denied, delays difficulties, etc., and actions taken.)*

-BHI attached new cable supplied by manufacturer to beacon. Found that one obstruction light had some loose wiring and got light fixed. Airport personnel finished fixing beacon.
-Sheepsfoot roller broke down Friday mid-morning which slowed down compaction efforts.
-Blade was struggling to cut through tight clay material on runway surface. Crew had to use dozer in front of blade to finish grade.

SPONSOR'S INSPECTOR OR REPRESENTATIVE

10/31/16 Date	**Wes Werbelow, Chief RPR** 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	**100.00%**
P-101a	Pavement Removal - 4" - 6" Depth	**100.00%**	D-701b	6" PVC Pipe	**100.00%**
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	**183.42%**	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	**100.00%**	D-701l	Trench Foundation Crushed Aggregate Backfill	**100.00%**
P-150c	Storm Sewer Demo - 12" RCP	**100.00%**	D-701m	Dewatering of Excavations	**100.00%**
P-150d	Storm Sewer Demo - Manhole/Inlet	**100.00%**	D-701n	18" RCP Pipe	**100.00%**
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	**100.00%**
P-150g	Storm Drain Demo - 24" RCP	**100.00%**	D-751a	48" Manhole	**100.00%**
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	**100.00%**
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	**100.00%**	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	**100.00%**
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	99.00%	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	95.00%	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	60.00%
P-156f	Rock Check Dam	0.00%	L-107b	Tip Down Tower for ASOS Antenna	**100.00%**
P-156g	Rip Rap	51.17%	L-108a	#8 5KV L-824 C Cable	**100.00%**
P-208	Crushed Aggregate Base Course	**100.00%**	L-108b	Power feed to ASOS	**100.00%**
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	76.92%
P-403a	Bituminous surface Course - Plant Mix	**100.00%**	L-108e	#6 Solid B.C. Counterpoise Installed above Conduit/Duct	57.39%
P-403b	Bituminous Surface Course - Binder Material	**100.00%**	L-110a	One 2-Inch Conduit, Direct Buried (D.B.)	**100.00%**
P-603	Bituminous Tack Coat	**100.00%**	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

Auguring holes for bollards (10/24)

Cutting v-ditch on south cut slope (10/24)

Grading cut area (10/25)

Compaction efforts on cut area (10/25)

Placing embankment fill on west slope (10/26)

Final filling on west slope (10/26)

Constructing segmented circle (10/26)

Pouring seg circle anchors (10/27)

Installing ASOS bollards (10/27)

Overview of cut area (10/27)

Fine grading RWY surface (10/28)

Installed seg circle panels (10/28)

Grading runway surface (10/29)

Grading runway surface (10/29)