

ADDENDUM NO. 2
April 11, 2016

TO: PLANS AND SPECIFICATIONS FOR

**SWIFT ROAD AND BOISE BRULE ROAD
GRAVEL ROAD UPGRADE
PROJECT NO. 2012-902-1 & 2012-903-1**

Bidders are hereby informed that the construction plans and/or specifications are modified as follows:

PLANS

Add the following notes to the sheets below:

SHEET 1 & 2

Additional 20' Clearing beyond ROW from Sta. 9+50 to 14+50 LT

SHEET 2 & 3

Additional 25' Clearing beyond ROW from Sta. 18+00 to 27+00 RT

SHEET 6

Additional 25' Clearing beyond ROW from Sta. 58+00 to 61+00 RT

SHEET 7 & 8

Additional 25' Clearing beyond ROW from Sta. 78+50 to 83+00 RT

PLANS

A detailed plan view drawing showing a change to the pipes at approximate Station 58+00 is included with this addendum. The 60" pipes have been changed slightly and a 42" pipe has been added.

PROJECT QUANTITIES SHEETS

Add the following quantities to the various tables:

PROPERTY CORNERS					
#	Station	Location	Reference (each)	Reestablish (acres)	Remarks
22	38+50	30' LT	1	1	Re-bar
23	42+10	30' LT	1	1	Re-bar

SEEDING, FERTILIZING, LIMING & MULCH					
				Seeding, Fertilizing & Liming	Mulching – Type 4 (Embedded)
<u>Sta. to Sta.</u>	<u>Loc.</u>	<u>Length (feet)</u>	<u>Width (feet)</u>	<u>(acres)</u>	<u>(acres)</u>
9+50 14+50	LT	500	20	0.23	0.23
18+00 27+00	RT	900	25	0.52	0.52
58+00 61+00	RT	300	25	0.17	0.17
78+50 83+00	RT	450	25	0.26	0.26

NON-GROUTED ROCK LINING (RIP RAP)					
		Length	Width	Total	
<u>Station</u>	<u>Location</u>	<u>(feet)</u>	<u>(feet)</u>	<u>(sq. yds.)</u>	<u>Remarks</u>
58+25	LT	50	12.5	70	Downstream 42" RCP

REINFORCED CONCRETE PIPE			
			42"
	42"	60"	F.E.S.
<u>Station</u>	<u>(Lin. Ft.)</u>	<u>(Lin. Ft.)</u>	<u>(each)</u>
57+67		8	
57+83		8	
59+00	136		2

JOB SPECIAL PROVISIONS

Add the following Job Special Provision

BB. EARTHWORK

1.0 Description. The contractor is advised that the earthwork on this project will not balance within the project limits. It is anticipated that there will be excess material after excavation. The contractor is responsible for disposing all of the excess material off of the right-of-way.

2.0 Earthwork shall be paid for as Linear Grading, per station running along centerline of Swift Road and Boise Brule Road. There shall be no additional payment for the grading necessary to tie in the side road approaches and driveways per the plans and cross sections.

3.0 Earthwork volumes from the cross sections are included as an appendix to the specifications.

BID PROPOSAL

Attached is a new itemized bid proposal sheet to be used in the submittal of bids.

BY THE ORDER OF:

Eric Landwehr, P.E., County Engineer
Cole County Department of Public Works
April 11, 2016

SWIFT ROAD AND BOISE BRULE ROAD GRAVEL ROAD UPGRADE

PROJECT NO. 2012-902-1 & 2012-903-1

ITEMIZED PROPOSAL

Item No.	Item Description	Unit	Quantity	\$ Unit Price	\$ Amount
201-10.00	Clearing and Grubbing	L.S.	1		
202-20.10	Removal of Improvements	L.S.	1		
207-00.00	Linear Grading	STA.	203.2		
211-00.00	Subgrade Scarifying	STA.	190.7		
216-00.00	Subgrade Aggregate - 2" Clean	Ton	14,193.9		
304-01.40	Type 1 Aggregate for Driveway (4" Thick)	S.Y.	5,143.7		
304-01.55	Type 1 Aggregate for Shoulder (5" Thick)	S.Y.	9,147.6		
304-05.04	Type 5 Aggregate for Base (4" Thick)	S.Y.	61,277.3		
401-12.09	Bit. Pav't Mixture PG64-22, (BP-1) (3.5" Thick)	S.Y.	51,076.4		
401-30.00	Bit. Pav't Mixture PG64-22, (Base) (1.5" Thick)	S.Y.	51,076.4		
602-30.00	Reference Property Corners	EA.	23		
602-40.00	Reestablish Property Corners	EA.	23		
611.10.00	Subgrade Stabilizaton	C.Y.	3,444		
609-70.00	Grouted Rock Lining	S.Y.	32.0		
609-70.10	Non-Grouted Rock Lining	S.Y.	186.0		
616-99.01	Traffic Control	L.S.	1		
618-10.00	Mobilization	L.S.	1		
606-10.10	Guardrail Type A	L.F.	525		
606-21.00	Bridge Anchor Section (Curb Type)	EA.	4		
606-23.00A	Transition Section, 6.5 ft Posts	EA.	4		
606-23.03	Asymetrical Transition Section, 6.5 ft Posts	EA.	4		
606-24.00	Bridge Anchor Section (Thrie Beam)	EA.	4		
606-30.15	Type A Crashworthy End Terminal	EA.	11		
606-30.15A	Type A Crashworthy End Terminal (TL-2)	EA.	1		
606-99.03	Guardrail Type E (Rail Only)	EA.	44		
620-60.00C	4 in. White Waterborne Pvmt Marking Paint, Type P Beads	LF.	40,704		
620-60.01C	4 in. Yellow Waterborne Pvmt Marking Paint, Type P Beads	LF.	40,704		
624-01.03A	Geotextile Fabric	S.Y.	7,556		
725-70.15	15" Aluminized Corrugated Metal Pipe	L.F.	1,514		
725-70.18	18" Aluminized Corrugated Metal Pipe	L.F.	176		
725-70.24	24" Aluminized Corrugated Metal Pipe	L.F.	334		
725-70.36	36" Aluminized Corrugated Metal Pipe	L.F.	30		
725-80.24	24" Polymer Coated Corrugated Metal Pipe	L.F.	40		
732-00.18	18" Aluminized Flared End Section	EA.	10		
732-00.24	24" Aluminized Flared End Section	EA.	14		
732-00.36	36" Aluminized Flared End Section	EA.	2		
732-01.24	24" Galvanized Flared End Section	EA.	2		
726-13.15	15" Class II Reinforced Concrete Pipe	L.F.	96		
726-13.18	18" Class II Reinforced Concrete Pipe	L.F.	288		

SWIFT BOISE CUT FILL QUANTITIES

Station	CUT CY	CUMULATIVE CY	FILL CY	CUMULATIVE CY
1+00.00	0	0	136	136
2+00.00	0	0	422	558
3+00.00	14	14	455	1014
4+00.00	76	90	199	1212
5+00.00	141	231	36	1248
6+00.00	102	333	18	1267
7+00.00	52	385	25	1292
8+00.00	39	424	32	1325
9+00.00	68	492	33	1358
10+00.00	66	558	30	1388
11+00.00	8	566	29	1417
12+00.00	0	566	38	1455
13+00.00	14	580	41	1496
14+00.00	37	617	20	1516
15+00.00	49	666	19	1535
16+00.00	88	754	20	1555
17+00.00	108	861	4	1558
18+00.00	118	980	22	1580
19+00.00	0	980	69	1649
20+00.00	7	987	60	1709
21+00.00	7	994	31	1740
22+00.00	0	994	63	1803
23+00.00	0	994	98	1902
24+00.00	8	1002	108	2010
25+00.00	50	1052	58	2068
26+00.00	143	1195	4	2071
27+00.00	157	1352	0	2071
28+00.00	66	1418	44	2115
29+00.00	29	1447	69	2184
30+00.00	20	1467	69	2253
31+00.00	0	1467	60	2313
32+00.00	0	1467	22	2335
33+00.00	22	1489	12	2347
34+00.00	22	1511	14	2361
35+00.00	0	1511	26	2387
36+00.00	0	1511	49	2435
37+00.00	4	1516	59	2495
38+00.00	23	1539	37	2532
39+00.00	48	1587	20	2552
40+00.00	31	1618	23	2575
41+00.00	2	1620	31	2606
42+00.00	0	1620	100	2706

SWIFT BOISE CUT FILL QUANTITIES

43+00.00	0	1620	328	3034
44+00.00	0	1620	591	3625
45+00.00	0	1620	551	4176
46+00.00	22	1643	222	4398
47+00.00	83	1726	16	4414
48+00.00	88	1814	7	4421
49+00.00	66	1880	14	4435
50+00.00	262	2142	7	4442
51+00.00	447	2589	0	4442
52+00.00	336	2924	0	4442
53+00.00	130	3054	44	4486
54+00.00	17	3071	189	4675
55+00.00	0	3071	235	4910
56+00.00	0	3071	285	5195
57+00.00	0	3071	553	5748
58+00.00	0	3071	814	6562
59+00.00	0	3071	649	7211
60+00.00	0	3071	314	7525
61+00.00	32	3103	204	7729
62+00.00	181	3285	84	7813
63+00.00	359	3643	0	7813
64+00.00	487	4130	0	7813
65+00.00	461	4591	0	7813
66+00.00	407	4999	0	7813
67+00.00	396	5394	0	7813
68+00.00	271	5665	0	7813
69+00.00	152	5817	0	7813
70+00.00	111	5928	0	7813
71+00.00	102	6030	0	7813
72+00.00	56	6087	9	7822
73+00.00	73	6160	28	7850
74+00.00	191	6351	19	7868
75+00.00	360	6711	0	7868
76+00.00	422	7133	0	7868
77+00.00	407	7540	0	7868
78+00.00	229	7769	32	7900
79+00.00	15	7784	193	8093
80+00.00	0	7784	213	8306
81+00.00	34	7818	59	8365
82+00.00	106	7924	8	8372
83+00.00	227	8151	0	8372
84+00.00	231	8383	0	8372
85+00.00	135	8518	8	8381
86+00.00	86	8604	8	8389
87+00.00	64	8668	58	8447
88+00.00	57	8725	103	8550
89+00.00	133	8858	46	8596

SWIFT BOISE CUT FILL QUANTITIES

90+00.00	335	9193	0	8596
91+00.00	520	9713	0	8596
92+00.00	404	10117	0	8596
93+00.00	168	10285	1	8597
94+00.00	152	10437	1	8598
95+00.00	161	10598	0	8598
96+00.00	143	10741	6	8604
97+00.00	96	10837	8	8612
98+00.00	53	10890	20	8632
99+00.00	93	10983	47	8679
100+00.00	156	11139	30	8709
101+00.00	183	11322	2	8711
102+00.00	250	11572	2	8713
103+00.00	299	11872	19	8731
104+00.00	139	12011	154	8885
105+00.00	5	12016	279	9165
106+00.00	111	12127	170	9335
107+00.00	541	12668	27	9361
108+00.00	1142	13810	0	9361
109+00.00	1534	15344	0	9361
110+00.00	1650	16994	0	9361
111+00.00	1355	18349	0	9361
112+00.00	619	18968	0	9361
113+00.00	149	19117	0	9361
114+00.00	85	19202	13	9374
115+00.00	29	19231	53	9427
116+00.00	7	19238	42	9468
117+00.00	23	19261	2	9470
118+00.00	38	19299	110	9580
119+00.00	25	19324	301	9882
120+00.00	10	19334	363	10244
121+00.00	0	19334	391	10635
122+00.00	39	19374	269	10904
123+00.00	227	19600	49	10954
124+00.00	374	19974	0	10954
125+00.00	318	20292	0	10954
126+00.00	166	20458	5	10958
127+00.00	34	20492	59	11018
128+00.00	0	20492	154	11172
129+00.00	0	20492	197	11369
130+00.00	0	20492	143	11513
131+00.00	0	20492	66	11579
132+00.00	6	20498	73	11652
133+00.00	29	20527	88	11740
134+00.00	31	20558	62	11802
135+00.00	8	20566	118	11920
136+00.00	16	20582	155	12075

SWIFT BOISE CUT FILL QUANTITIES

137+00.00	87	20669	72	12147
138+00.00	132	20801	25	12172
139+00.00	152	20953	31	12203
140+00.00	246	21198	15	12218
141+00.00	192	21390	2	12220
142+00.00	47	21437	45	12265
143+00.00	43	21480	55	12319
144+00.00	124	21604	11	12331
145+00.00	201	21805	0	12331
146+00.00	137	21942	16	12347
147+00.00	28	21969	24	12371
148+00.00	0	21969	18	12389
149+00.00	0	21969	56	12445
150+00.00	46	22015	69	12514
151+00.00	132	22147	24	12538
152+00.00	195	22343	0	12538
153+00.00	241	22583	0	12538
154+00.00	286	22870	0	12538
155+00.00	257	23126	0	12538
156+00.00	164	23290	0	12538
157+00.00	131	23421	0	12538
158+00.00	194	23615	0	12538
159+00.00	281	23896	0	12538
160+00.00	342	24238	0	12538
161+00.00	294	24531	0	12538
162+00.00	387	24918	0	12538
163+00.00	466	25385	0	12538
164+00.00	368	25753	0	12538
165+00.00	212	25964	0	12538
166+00.00	50	26014	15	12553
167+00.00	57	26071	21	12574
168+00.00	86	26157	19	12593
169+00.00	54	26211	47	12640
170+00.00	30	26240	61	12701
171+00.00	53	26294	41	12743
172+00.00	68	26362	15	12757
173+00.00	86	26448	0	12757
174+00.00	104	26552	0	12757
175+00.00	142	26694	0	12757
176+00.00	101	26794	4	12762
177+00.00	22	26816	8	12770
178+00.00	7	26823	20	12789
179+00.00	0	26823	82	12871
180+00.00	0	26823	105	12977
181+00.00	0	26823	112	13089
182+00.00	0	26823	114	13203
183+00.00	0	26823	62	13265

SWIFT BOISE CUT FILL QUANTITIES

184+00.00	0	26823	59	13324
185+00.00	11	26834	66	13391
186+00.00	59	26893	28	13419
187+00.00	85	26978	6	13425
188+00.00	66	27045	12	13437
189+00.00	64	27109	21	13458
190+00.00	57	27165	27	13485
191+00.00	72	27237	27	13512
192+00.00	80	27317	15	13527
193+00.00	29	27346	50	13577
194+00.00	0	27346	170	13747
195+00.00	0	27346	254	14001
196+00.00	24	27370	183	14184
197+00.00	110	27480	51	14235
198+00.00	186	27667	1	14235
199+00.00	240	27907	0	14235
200+00.00	254	28161	0	14235
201+00.00	148	28309	10	14246
202+00.00	47	28357	23	14268
203+00.00	79	28436	13	14281

