

# Annex Cuttings Facility Traffic Summary

**PREPARED FOR:**



**Laramie Energy, LLC  
760 Horizon Drive, Suite 101  
Grand Junction, CO 81506**

**PREPARED BY:**



**Entrada Consulting Group  
330 Grand Avenue, Suite C  
Grand Junction, CO 81501**

**October 2020**

## **INTRODUCTION**

The following section addresses the requirements for the Traffic Study under Article 4 Section 203.L. of the Garfield County Land Use and Development Code (LUDC). The proposed Annex Cutting Facility will result in a reduction of vehicles accessing county and public roads.

The Basic Traffic Analysis summarizes findings of a traffic impact analysis performed for the Laramie Energy, LLC (Laramie) proposed Annex Cutting Facility (ACF) Centralized E & P Waste Management Facility. The subject facility will treat drill cuttings from three future well pad locations situated within Laramie's Cascade Creek field. The facility will only manage the treatment and beneficial reuse of cuttings generated by Laramie's drilling activities and will not provide services to third parties. The site is currently constructed as a well pad. Laramie is requesting a Land Use Change Permit from Garfield County and a Form 28 Centralized E & P Waste Management Facility from Colorado Oil and Gas Conservation Commission (COGCC). It is expected that the lifespan of the site will be approximately 3-5 years, depending on drilling schedule.

The site is located on Parcel #216921400026 within Garfield County, Colorado. The parcel is located approximately 12 travel miles north of the DeBeque interchange (MP 61.6) along Interstate 70 (I-70). The site is located approximately 16 miles northeast of DeBeque, Colorado and 21.8 miles northeast by access route. The facility is located in the Southeast ¼ of Section 15, Township 6 South, Range 97 West of the 6th Principal Meridian in unincorporated Garfield County. The subject site encompasses approximately 7.328 acres on a 10,100 -acre parcel. The property is owned by and the facility is operated by Laramie.

Laramie is currently planning on drilling at three new well pad locations in the Cascade Creek operating field in 2021 and 2022. The proposed ACF will reduce the cumulative impacts of these well pads by providing drill cutting treatment in the field and reducing the need for semitrucks to haul drilling cuttings by way of public roadways for final disposal at a landfill. The objective of the traffic analysis is to provide traffic projections for the facility.

- Vicinity Map – Attachment 1
- Location Map – Attachment 2
- Public Access Route – Attachment 3
- ACF Route Via Laramie Private Access Roads – Attachment 4
- Hauling Route – Attachment 5
- Garfield County Traffic County Study – Attachment 6

## **EXISTING ROAD NETWORK**

Regional trips to this facility will use the I-70 exit at DeBeque, Colorado. Vehicles traveling to the site will drive north through the Town of DeBeque and on Mesa County 45 Road (Roan Creek Road) for approximately 3.75 miles until the road crosses the Garfield/Mesa County Line where the road transitions to Garfield County Road (CR) 204. Approximately 4.25 miles north of the county line, vehicles will turn right onto CR 213 (Conn Creek Road) and travel approximately 4 miles to the end of the county road. From this point travel is on a private road for approximately 9.2 miles to the facility. This private road is located on property owned by Laramie.

Both CR 204 and CR 213 are preferred haul routes according to the Garfield County Road and Bridge Department. Both of these roads are generally used for access to ranches and agricultural operations, rural residential uses, oil and gas operations and access to public lands managed by the BLM.

According to the Garfield County Road and Bridge Department Director, Wyatt Keesbury, County Road 204 (Roan Creek Road) is a two-lane asphalt roadway with graveled shoulders in good condition. The posted speed limit is 45 m.p.h.

Garfield County Road & Bridge conducted a county-wide traffic study where daily traffic was counted for county roads in 2014 and 2019. The 2014 traffic count study was conducted in July and concluded that the average daily traffic (ADT) was 285 vehicles per day (vpd) on CR 204 at that time. The 2019 traffic county was conducted in August and concluded that the average daily traffic (ADT) was 310 vehicles per day (vpd) on CR 204 at that time.

According to the Garfield County Road and Bridge Department Director, Wyatt Keesbury, CR 213 is a two-lane gravel road with drainage ditches in good condition.

The Garfield County Road & Bridge Department has provided data that was collected on County Road 213 (Conn Creek Road) during the July 2014 traffic study. This data indicates that CR 213 had an average of 194 vpd at that time. The 2019 traffic study, conducted in August, concluded that CR 213 had an average of 144 vpd at that time. The studies suggest a decrease in average daily vehicles CR 213 between 2014 to 2019.

Background traffic volume counts from 2014 and 2019 are shown in Table 1 below. Calculations for CR 204 road projections for 2021 are based on the vehicles vpd increase from 2014 to 2019 of 5 vpd per year. Laramie estimates that oil and gas activities have reduced from 2019. As a result, 2021 traffic volumes along CR 213 are estimated to be no greater than the 2019 volumes.

**Table 1: Garfield County Traffic Count Studies – Average Daily County (ADC)**

County Road	Road Name	2014 ADC Actual	2019 ADC Actual	2020 ADC Estimated
CR 204	Roan Creek Road	285	310	320
CR 213	Coon Creek Road	194	144	144

**TRIP GENERATION AND DISTRIBUTION**

The Applicant/Operator reviewed and analyzed vehicles necessary for activities and operations for the proposed site. Operations will be conducted in 4 stages at the ACF: initial grading activities, delivery of dried drill cuttings, treatment of drill cuttings, and final grading/reclamation of the site. Stages may occur simultaneously at the site but in different areas. Based on previous transportation and treatment of drill cuttings, Laramie provided the number of trips that will be generated by utilizing the ACF.

The ACF operations will not require vehicles to access the site daily. Vehicles will access the site during grading, transportation, and treatment activities. Sampling and inspection (stormwater, noxious weeds, housekeeping) activities will be conducted by personnel performing similar activities at other facilities in the field, so these trips would currently be accounted for within the background traffic volume.

### **Initial Grading Activities**

The existing site will be graded for the development of a treatment facility for drill cuttings. Vehicle activities during initial grading activities will consist of (3) pickup trucks per day and one (1) mobilization of excavation equipment. The excavator will be mobilized to the site and remain on-site until initial grading, transportation, and treatment activities are completed. Initial grading activities will take up to 10 days to completed.

### **Transportation Activities**

Transportation activities (hauling of dried drill cuttings) will occur in 10 phases. Each phase will transport approximately 2,000 cubic yards of dried untreated drill cuttings from a source well pad to the ACF. Drill cuttings will not be transported on public roads and will remain on Laramie's private property and access roads. Two - three (2-3) off-road haul trucks will be utilized, each with an approximate capacity of 23 cubic yards. This will result in each transportation phase taking 3-5 days to complete delivery to the ACF. Therefore, during the lifespan of the ACF the total amount of cuttings transportation days will be 30-50 days.

Drivetime (including loading and unloading of the cuttings) from the well pad to the proposed ACF is estimated at 30 minutes. Approximately 920-1380 cubic yards of untreated cuttings could be transported in a 10-hour workday.

Currently, off-road haul trucks are operating within Laramie's Cascade Creek field. Laramie anticipates these haul trucks will remain in the Cascade Creek field for various oil and gas operations and mobilization will not be required.

In addition to the delivery off-road haul trucks, vehicle activities during transportation activities will consist of (2) pickup trucks per day.

### **Treatment Activities**

Vehicle activities during treatment activities will consist of five (5) pickup truck trips monthly to the site. Treatment activities will occur over a period of time, last approximately 2 years. Laramie does not anticipate active treatment during winter months.

### **Reclamation/ Final Grading Activities**

Reclamation and final grading/contouring activities may coincide with treatment activities. As cell phases of treated drill cuttings meet COGCC analytical standards, the cells will be graded. During periods final grading, vehicle activities will consist of (2) pickup trucks per day and one (1) mobilization of a bulldozer. Laramie estimates each cell phase (ten (10) total cells) will take 1-2 days to grade. Final contouring for the entire site will take approximately 2 days. Reclamation activities, such as revegetation and seeding, will require 5 days following final contouring. Vegetation and reclamation inspections activities will be conducted by personnel performing inspections at other facilities in the field and will not generate additional traffic.

### Annex Cuttings Facility Trips

The following **Table 2** summarizes the expected average and maximum trips for the operational life of the facility.

**Table 2: Trip Generation – Total Trips on Public Roads Per Activity - Annex Cuttings Facility**

Stage	Excavation Equipment Mobilization	Grading Equipment/ Bulldozer Mobilization	Pickup Trucks Per Day	Pickup Trucks Per Month	Total Maximum Trips Generated Per Activity
Initial Grading Activities (10 days)	1		3		31
Transportation (30-50 days)			2		100
Treatment (18 months)				5	90
Final Grading and Reclamation Activities (27 days)		1	2		55
Total Lifespan Trips	1	1	144-184	54	278

The total maximum trips generated over the lifespan of the ACF will be approximately 278 vehicles. The site will operate from 3-5 years, depending on the drilling schedule. The average vpd would be less than a quarter (0.25) or one vehicle every 4 days.

If Laramie was to haul the subject drill cuttings off-site to a landfill, semi-trucks would be utilized for delivery. The average semi-transportation truck can haul 18 cubic yards. This would result in approximately 1,612 trips of large vehicles accessing County Road. The ACF significantly reduces future traffic on public roadways. The proposed site will circumvent an estimated 1,200 large vehicle trips on public roads.

### County Road 204 – Roan Creek Coad

Based on the background traffic calculations, Laramie’s ACF related traffic will have an average of <0.0008 % increase on daily traffic activity during operations of the facility in 2021 on CR 204. The following **Table 3** summarizes the expected percentage of trips this facility will generate on CR 204.

**Table 3: CR 204 Trip Distribution – Annex Cuttings Facility**

Year	CR 204 VPD	Year	CR 204 VPD (Estimated)	Generated Average Operations Trips/Day	Generated Percent of Trips/Day Average
2019	310	2021	320	< 0.25	< 0.08 %

### County Road 213 – Conn Creek Road

Based on the background traffic calculations, Laramie’s ACF related traffic will have an average of <0.002% increase on daily traffic activity during operations of the facility in 2021 on CR 213.

**Table 4** summarizes the expected percentage of trips this facility will generate on CR 213.

**Table 4: CR 213 Trip Distribution – Annex Cuttings Facility**

Year	CR 213 VPD	Year	CR 213 VPD (Estimated)	Generated Average Operations Trips/Day	Generated Percent of Trips/Day Average
2019	144	2021	144	< 0.25	< 0.02 %

## **ROADWAY ANALYSIS**

### **Existing Parcel**

Current land use on the subject parcel is primarily natural gas development. The majority of existing traffic on CR 213 is related to natural gas development activities, very limited agricultural activities and very low density rural residential uses.

### **State Highway Crossings and Access**

The roadway access to this site does not cross any highway right-of-ways managed by the Colorado Department of Transportation. CR 204 is accessed via Mesa County 45 Road which intersects I-70 at Exit 62 in DeBeque, Colorado. This grade-separated interchange access point is controlled by stop signs at the top of each exit ramp. Site distances are adequate in both directions at these control points

The US Highway 6 / I-70 Frontage Road terminates at Mesa County 45 Road approximately 300 feet northwest of the DeBeque interchange. This intersection is two-way stop-controlled. Traffic traveling to this site from I-70 would have the right-of-way at this intersection.

### **Railroad Crossings**

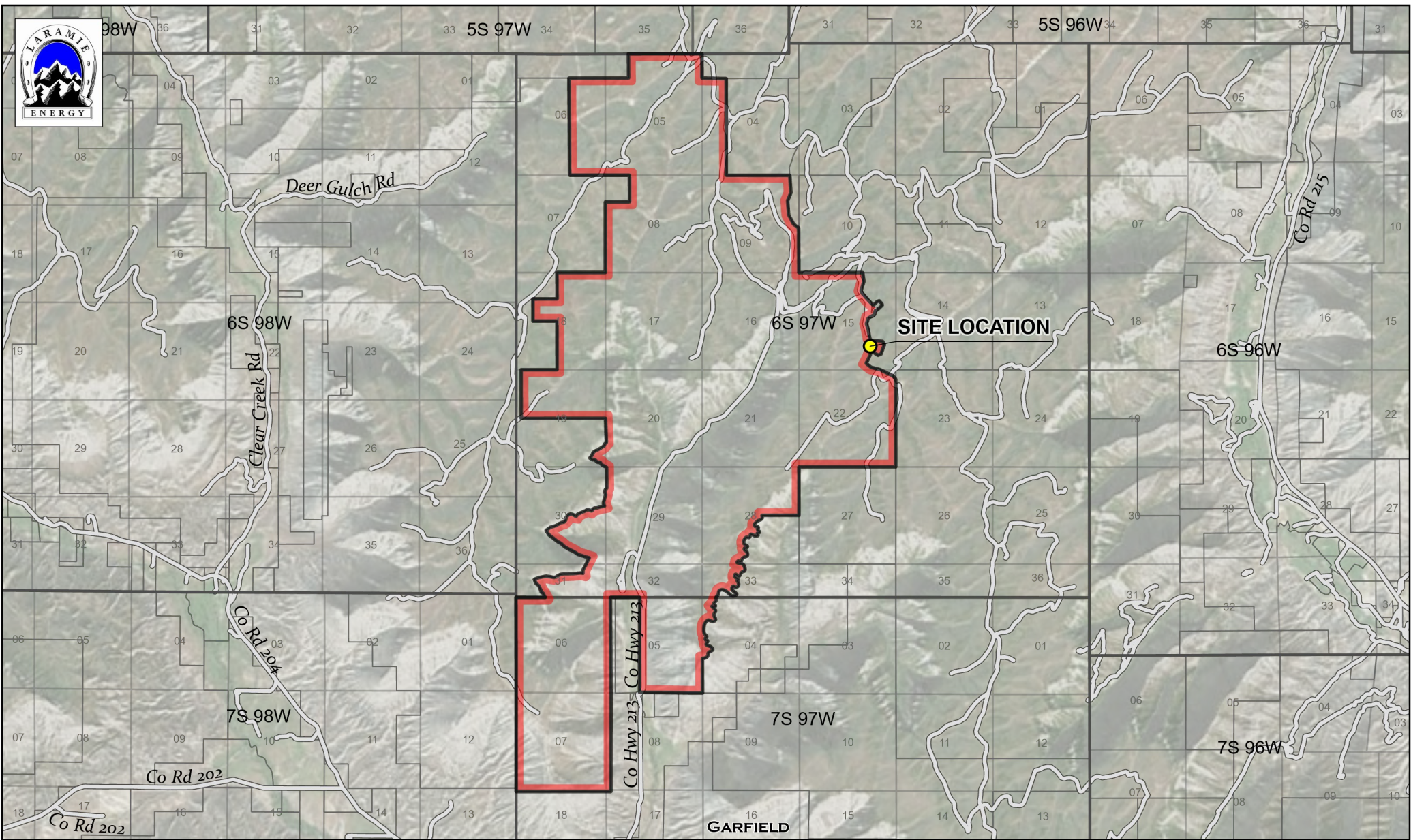
Mesa County 45 Road crosses under a main railroad line approximately 0.5 miles north of I-70. This line is generally used for the transport of freight, coal, and passenger rail traffic. This railroad crossing is grade separated. Clearance for transport trucks under this railroad bridge is adequate. The roadway access to this site does not cross any other active railroad right-of-way.

### **Intersection of CR 204 & 213**

As noted above, there is a deceleration/turn lane for north bound traffic on CR 204 turning right onto CR 213. A stop sign controls west bound traffic on CR 213 at the intersection of that road with CR 204.

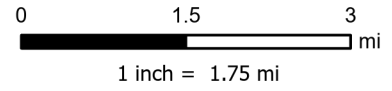
## **SUMMARY**

Based on the expected trip generation rates discussed above, the increase in average daily traffic during is not expected to be significant on roads generally used by the public. CR 204 and CR 213 will see only a minor increase in traffic. The addition of traffic generated by the ACF, does not increase existing volumes to levels required for State or County permits or roadway modifications. Traffic associated with the three future well pads will be reduced on public roadways with the development of the proposed site.



**Reclamation Status**

 Garfield County Parcels  Parcel



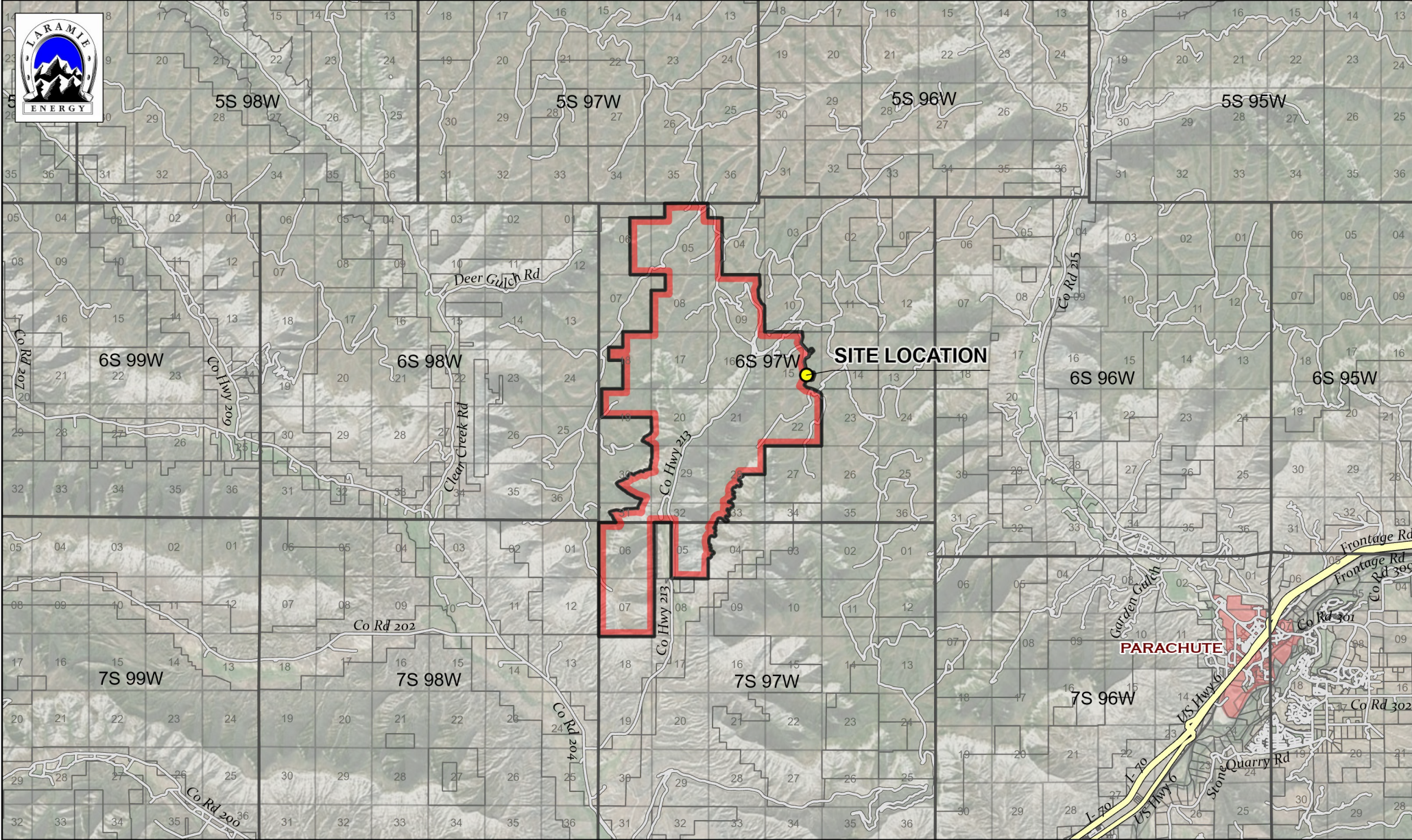
Project No: 020-014  
Map By: NDB  
Date: 9/28/2020

**LOCATION VICINITY MAP**  
CASCADE CREEK 697-15-54  
ANNEX CUTTING FACILITY  
LARAMIE ENERGY  
GARFIELD COUNTY, COLORADO



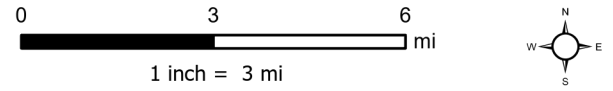
330 Grand Avenue, Unit C  
Grand Junction, CO 81501  
970-549-1015

Figure  
2



**Reclamation Status**

-  Garfield County Parcels
-  Parcel



Project No: 020-014  
Map By: NDB  
Date: 9/28/2020

**LOCATION OVERVIEW MAP**  
CASCADE CREEK 697-15-54  
ANNEX CUTTING FACILITY  
LARAMIE ENERGY  
GARFIELD COUNTY, COLORADO



330 Grand Avenue, Unit C  
Grand Junction, CO 81501  
970-549-1015

Figure  
1



**QUADRANGLE**  
**CIRCLE DOT GULCH**  
**LONG POINT**  
**MOUNT BLAINE**  
**RED PINNACLE**  
**DEBEQUE**  
**WAGON TRACK RIDGE**

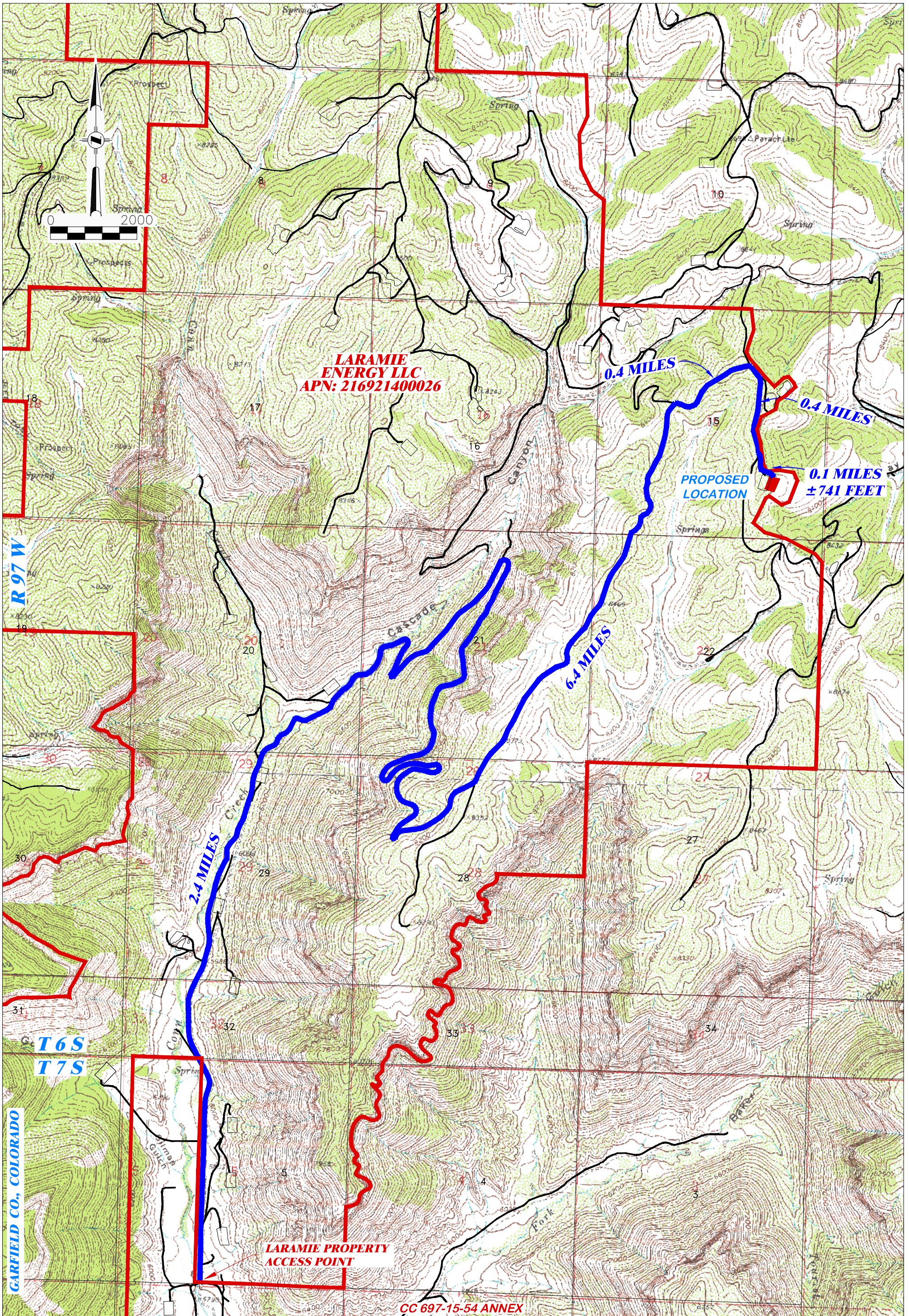
**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 6/29/2020 - DEH	SCALE: 1" = 4000'
REVISED: 7/7/2020 - DEH	DRG JOB No. 21379
MISCELLANEOUS EDITS	PUBLIC ACCESS

**PUBLIC ACCESS ROUTE MAP**

**LARAMIE ENERGY, LLC.**  
**CC 697-15-54 ANNEX**  
**SWSE, SECTION 15, T. 6 S., R. 97 W., 6th P.M.,**  
**GARFIELD COUNTY, COLORADO**

PROPOSED ROUTE █ EXISTING ROAD █



**LARAMIE ENERGY LLC**  
**APN: 216921400026**

**PROPOSED LOCATION**  
**± 741 FEET**

**LARAMIE PROPERTY ACCESS POINT**

**CC 697-15-54 ANNEX**

**R 97 W**

**T 6 S**  
**T 7 S**

**GARFIELD CO., COLORADO**

**QUADRANGLE**  
**CIRCLE DOT GULCH**  
**LONG POINT**  
**MOUNT BLAINE**  
**RED PINNACLE**  
**DEBEQUE**  
**WAGON TRACK RIDGE**

**DRG RIFFIN & ASSOCIATES, INC.**  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 6/29/2020 - DEH	SCALE: 1" = 2000'
REVISED: 7/7/2020 - DEH	DRG JOB No. 21379
MISCELLANEOUS EDITS	LARAMIE ACCESS

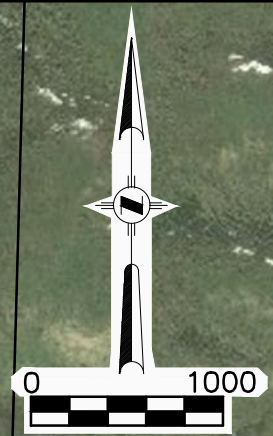
**LARAMIE ACCESS ROUTE MAP**

**LARAMIE ENERGY, LLC.**  
**CC 697-15-54 ANNEX**  
**SWSE, SECTION 15, T. 6 S., R. 97 W., 6th P.M.,**  
**GARFIELD COUNTY, COLORADO**

PROPOSED ROUTE █ EXISTING ROAD █

**T 6 S**

**PROPOSED CUTTINGS HAUL ROUTE  
GARFIELD CO., COLORADO**



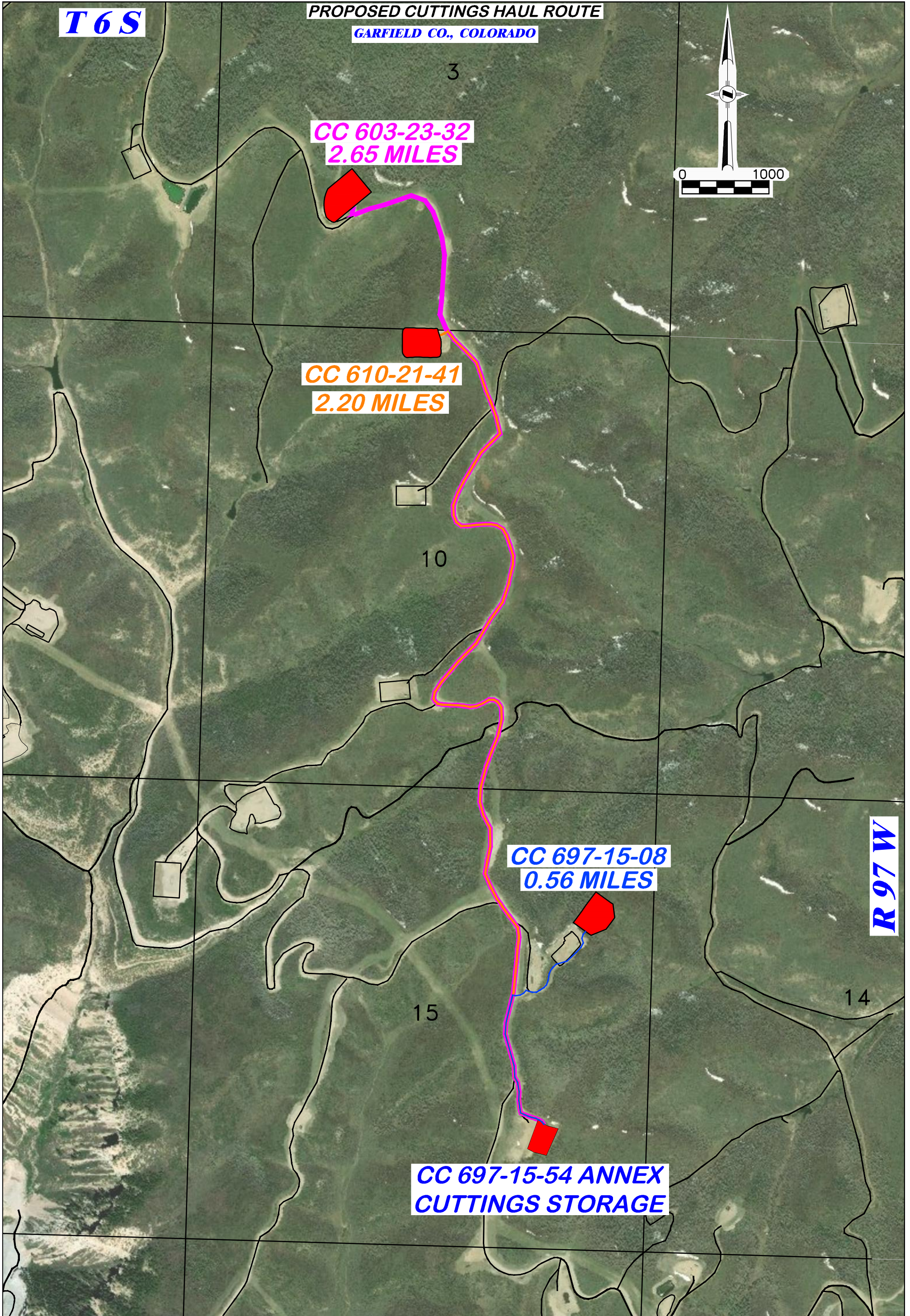
**CC 603-23-32  
2.65 MILES**

**CC 610-21-41  
2.20 MILES**

**CC 697-15-08  
0.56 MILES**

**CC 697-15-54 ANNEX  
CUTTINGS STORAGE**

**R 97 W**



PAD NAME	MILES
CC 603-23-32	2.65 MILES
CC 610-21-41	2.20 MILES
CC 697-15-05	0.56 MILES

**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 06/16/2020 - TCM	SCALE: 1" = 1000'
REVISED: N/A - .	21379
	CUTTINGS HAUL ROUTE

**PROPOSED CUTTINGS HAUL ROUTE**  
**LARAMIE ENERGY, LLC.**  
**CC 697-15-54 ANNEX CUTTINGS STORAGE**  
**SECTION 3, 10 & 15, T.6 S, R.97 W., 6th P.M.,**  
**GARFIELD COUNTY, COLORADO**

CC 697-15-08 ROUTE	CC 603-23-32 ROUTE
CC 697-15-08 ROUTE	EXISTING ROAD

## Garfield County Road Traffic Counts

Road #	Road Name	Location	Date	Avg. Daily Count	Date	Avg. Daily Count
			2014		2019	
100	CATHERINE STORE RD	Carbondale Side	9/18/2013	3,142	7/2/2019	4,589
100	CATHERINE STORE RD	at 25 MPH Speed Sign	9/24/2014	1,353	4/23/2019	1,240
101	WHITE HILL RD	Beginning of Road	8/20/2014	432	N/A	No Data Collected
102	MISSOURI HEIGHTS	Beginning of Road	5/22/2014	476	6/24/2019	762
103	CRYSTAL SPRINGS RD	Above Weight Limit Sign	5/13/2014	1,020	6/19/2019	1,759
104	BLUE RD	Beginning of Road	NA	No Data Collected	6/19/2019	235
105	CERISE RD	Beginning of Road	5/13/2014	78	6/19/2019	105
106	SATANK RD	HWY 82 Side	8/20/2014	531	6/24/2019	404
106	SATANK RD	Carbondale side by end of Road	NA	No Data Collected	6/13/2019	652
107	RED HILL RD	Beginning of Road	5/22/2014	207	6/19/2019	331
108	THOMPSON CREEK RD	By Carbondale	8/20/2014	391	6/13/2019	1,989
109	HARDWICK BRIDGE RD	By the Bridge	6/30/2014	1,153	6/13/2019	2,876
110	OLD DUMP RD	Beginning of Road - By Cattle Creek	5/13/2014	548	6/11/2019	1,328
111	PRINCE CREEK RD	Beginning of Road	6/30/2014	872	6/13/2019	973
112	CRYSTAL SPRINGS MTN RD	Cattle Creek Side	5/13/2014	280	N/A	No Data Collected
112	CRYSTAL SPRINGS MTN RD	CR 103 Side	NA	No Data Collected	6/19/2019	640
113	CATTLE CREEK RD	Beginning of Road - By Storage Units	5/13/2014	815	6/11/2019	928
113	CATTLE CREEK RD	Above Upper Cattle Creek	NA	No Data Collected	6/27/2019	330
114	CMC RD	Beginning of Road - By Storage Units	5/13/2014	1,408	6/11/2019	2,135
115	RED CANYON RD	Beginning of Road	5/13/2014	249	6/11/2019	345
115	RED CANYON RD	1/2 Way	6/30/2014	184	N/A	No Data Collected
117	FOUR MILE RD	Beginning of Road	2/24/2014	2,648	5/28/2019	2,878
117	FS 300	Beginning of FS 300	NA	No Data Collected	6/5/2019	115
117A	SUNLIGHT VILLAGE DRIVE	Beginning of Road	6/30/2014	197	6/5/2019	260

118	Mt SOPRIS RANCH ROAD	No Data Collected	NA	No Data Collected	NA	No Data Collected
119	KINDALL RD	Beginning of Road	5/22/2014	149	6/27/2019	249
120	LOOKOUT MOUNTAIN RD	Beginning of Road	8/20/2014	119	6/27/2019	116
121	COULTER CREEK RD	Beginning of Road by CR 113	5/13/2014	38	6/27/2019	49
122	UPPER CATTLE CREEK RD	Beginning of Road	5/7/2014	84	6/27/2019	279
123	MARION CEMETERY RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
124	MARION MINE RD	Beginning of Road	8/20/2014	29	6/24/2019	46
125	DRY PARK RD	Four Mile Side	3/26/2013	177	6/5/2019	609
125	DRY PARK RD	East End	5/21/2014	216	6/24/2019	406
126	BLACK DIAMOND MINE RD	At 25 MPH Sign	8/20/2014	100	6/5/2019	122
127	THREE MILE RD	Beginning of Road	8/20/2014	526	5/28/2019	792
129	NO NAME LN	Lower Portion	3/11/2013	139	6/3/2019	704
129	NO NAME LN	Upper Portion	NA	No Data Collected	6/3/2019	247
130	DONEGAN RD	Bridge	9/18/2013	341	N/A	No Data Collected
130	DONEGAN RD	By Pinon Drive	NA	No Data Collected	6/3/2019	2,002
132	MITCHELL CREEK RD	Donegan Intersection	5/22/2014	234	7/9/2019	290
133	MEL RAY RD	Beginning of Road	5/22/2014	920	6/3/2019	2,361
134	S CANYON CREEK RD	Beginning of Road	5/22/2014	461	6/23/2019	672
136	ROCKIN PINES RANCH RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
137	CANON CREEK RD	Beginning of Road	5/22/2014	300	5/23/2019	238
138	SLAUGHTERHOUSE RD	By the Church	8/20/2014	32	5/23/2019	43
140	COFFEE POT RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
141	HEART LAKE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
142	BISON LAKE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
143	DEEP LAKE CAMPGROUND	No Data Collected	NA	No Data Collected	NA	No Data Collected
144	DEEP LAKE EAST RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
145	TRAPPERS LAKE CG RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
146	INDIAN CAMP RD	No Data Collected	NA	No Data Collected	NA	No Data Collected

148	PONDEROSA DR	Beginning of Road	5/22/2014	802	N/A	No Data Collected
149	CHELYN RD	Beginning of Road	6/30/2014	204	5/28/2019	262
149A	VAN DORN RD	Beginning of Road	6/30/2014	145	N/A	No Data Collected
150	SWEETWATER LAKE RD	Beginning of Road	9/16/2014	157	7/9/2019	216
151	SWEETWATER COW CAMP RD	Bridge	9/18/2013	105	7/9/2019	226
153	BIG FOUR RD	Beginning of Road	6/30/2014	59	N/A	No Data Collected
154	OLD HIGHWAY 82	Intersection OH 82 & Hwy 82	3/26/2014	1,738	6/13/2019	2,518
154	OLD HIGHWAY 82	Beginning by Cemetery	NA	No Data Collected	6/3/2019	1,325
155	TRAPPERS LAKE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
157	COAL CREEK RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
158	RAMS HORN LAKE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
159	BEAR RIVER RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
161	N. KINGS ROW AV	West End	5/22/2014	147	7/2/2019	145
161	S. KINGS ROW	East End	5/22/2014	158	7/2/2019	173
162	LA CASITA RD	Beginning of Road	5/22/2014	138	7/2/2019	228
163	PREHM RD	Beginning of Road	6/30/2014	114	5/28/2019	209
165	MOUNTAIN MEADOW DR	No Data Collected	NA	No Data Collected	NA	No Data Collected
166	166	No Data Collected	NA	No Data Collected	NA	No Data Collected
167	CORYELL RD	Beginning of Road	7/17/2013	133	6/11/2019	572
168	SUN KING DR	Beginning of Road	6/30/2014	333	6/5/2019	308
168A	OAK WY	By the Bridge	6/30/2014	503	6/5/2019	501
169	CEDAR CREST DR	No Data Collected	NA	No Data Collected	NA	No Data Collected
170	PANORAMA DR	Beginning of Road	8/20/2014	231	7/2/2019	368
177	TANAGER DR	No Data Collected	NA	No Data Collected	NA	No Data Collected
181	STORM KING RD	Above the Mall at Center Drive	NA	No Data Collected	5/23/2019	1,539
184	S 16th Street	Beginning of Road	NA	No Data Collected	8/15/2019	393
190	LIONS RIDGE	Beginning of Road	NA	No Data Collected	8/13/2019	268
198	W 2ND ST	Beginning of Road	7/7/2014	357	8/15/2019	311

200	N DRY FORK RD	By the Bridge	9/19/2013	129	8/28/2019	106
201	BAXTER PASS RD	By the Bridge	9/24/2013	141	9/12/2019	49
202	KIMBALL CREEK RD	Beginning of Road	7/23/2014	25	8/28/2019	39
203	OLD CR 211	No Data Collected	NA	No Data Collected	NA	No Data Collected
204	ROAN CREEK RD	Beginning of Road	7/24/2014	285	8/28/2019	310
205	SALT WASH	No Data Collected	NA	No Data Collected	NA	No Data Collected
206	MITCHELL ROAD	No Data Collected	NA	No Data Collected	NA	No Data Collected
207	CARR CREEK RD	By the Bridge	9/19/2013	18	8/28/2019	30
209	BRUSH CREEK RD	Beginning of Road	7/24/2014	27	8/28/2019	37
210	MILE POND RD	Beginning of Road	4/21/2014	1,283	8/6/2019	1,464
211	CLEAR CREEK RD	Beginning of Road	7/24/2014	43	8/28/2019	25
213	CONN CREEK RD	Beginning of Road	7/24/2014	194	8/28/2019	144
214	PEACH VALLEY RD	By the Bridge	9/10/2013	234	7/9/2019	460
214	PEACH VALLEY RD	West End	NA	No Data Collected	7/18/2019	1,213
215	PARACHUTE CREEK RD	Beginning Before Railroad Xing	7/24/2014	716	5/16/2019	1,282
216	ANTONELLI LN	Beginning of Road	4/21/2014	308	8/6/2019	540
217	LITTLE BOX CANYON RD	By the Bridge	9/9/2013	208	7/25/2019	408
219	MIDDLE RIFLE CREEK	Beginning of Road	7/8/2014	170	7/25/2019	122
220	HAY CANYON ROAD	No Data Collected	NA	No Data Collected	NA	No Data Collected
221	GREEN LN	Beginning of Road	4/21/2014	615	8/6/2019	907
222	SOUTH DRY FORK RD	By the Bridge	9/19/2013	161	8/28/2019	111
223	PETERSON LN	Beginning of Road	4/21/2014	1,393	8/6/2019	1,770
225	ANTLERS LN	Beginning of Road	4/21/2014	259	8/6/2019	364
226	GRASS VALLEY RD	By the Bridge	9/10/2013	275	7/25/2019	493
226	GRASS VALLEY RD	East End	NA	No Data Collected	7/17/2019	512
227	MILLER LN	Beginning of Road	4/21/2014	1,151	7/18/2019	1,111
228	PRETTI LN	Beginning by CR 214	6/26/2014	175	7/10/2019	163
229	UKELE LN	Beginning of Road	4/21/2014	553	7/18/2019	645

230	BAR HL RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
231	N 1st Street	Beginning of Road	NA	No Data Collected	7/29/2019	896
232	LEFT FORK CARR CREEK	No Data Collected	NA	No Data Collected	NA	No Data Collected
233	SILT MESA RD EAST END	Beginning of Road	4/21/2014	510	7/18/2019	990
233	SILT MESA RD WEST END	Beginning of Road	4/21/2014	225	8/15/2019	205
234	BUTLER CREEK RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
235	DAVIS POINT	Beginning by HWY 6	6/3/2014	308	7/10/2019	399
236	HARNESS LN	Beginning of Road	4/21/2014	205	7/18/2019	211
237	HARVEY GAP RD	Beginning of Road	6/3/2014	1,015	7/29/2019	1,204
238	SLAUGHTER GULCH RD	Beginning of Road	6/3/2014	46	7/10/2019	64
239	KIMBALL MOUNTAIN RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
240	BRUCE RD	Beginning West End	6/3/2014	199	7/9/2019	235
241	ELK CREEK RD	Beginning of Road	5/13/2013	90	7/17/2019	437
242	JQS RD	Beginning of Road	6/3/2014	22	NA	No Data Collected
243	MAIN ELK RD	Beginning of Road	9/10/2013	120	7/17/2019	236
244	FRAVERT RESERVOIR RD	Beginning of Road	6/3/2014	540	8/15/2019	346
245	BUFORD RD	Beginning of Road at New Castle	6/3/2014	2,081	7/17/2019	1,826
246	ANVIL POINTS RD	Past Cattle guard	6/3/2014	466	5/16/2019	587
246A	LANDFILL RD	Beginning of Road	6/3/2014	172	5/16/2019	198
247	N CUTOFF RD	Beginning of Road	9/2/2013	168	7/17/2019	247
248	YELLOW SLIDE RD	Beginning of Road	6/3/2014	49	NA	No Data Collected
249	ROAN CLIFFS RD	Beginning of Road	7/9/2014	19	8/15/2019	10
250	BENDETTI RD	East End	6/19/2014	328	7/10/2019	244
251	N HASSE LN	Beginning of Road	7/8/2014	101	8/5/2019	123
252	WEST RIFLE CREEK RD	Beginning of Road	7/8/2014	228	Na	No Data Collected
252	WEST RIFLE CREEK RD	By Honor Camp	NA	No Data Collected	7/25/2019	72
253	PICEANCE CREEK RD	Beginning of Road	7/8/2014	57	7/25/2019	99
254	SAWMILL CANYON RD	No Data Collected	NA	No Data Collected	NA	No Data Collected

255	FAA RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
256	FOUR A RIDGE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
257	MESA DR	Beginning of Road	7/8/2014	165	8/5/2019	191
258	KING RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
259	JEWELL LN	Beginning of Road	6/19/2014	316	8/15/2019	359
260	TIPPITT LN	Beginning of Road	6/19/2014	188	8/6/2019	233
261	GROFF LN	Beginning of Road	6/19/2014	446	7/18/2019	514
261A	Ingersol Lane	Beginning of Road	NA	No Data Collected	7/29/2019	94
262	MID VALLEY LANE	Beginning by HWY 6	NA	No Data Collected	7/10/2019	348
263	WEARE LANE	Beginning by HWY 6	NA	No Data Collected	7/10/2019	211
264	SWALLOW LN	Beginning of Road	7/8/2014	124	8/15/2019	36
265	PREFONTAINE AV	Beginning of Road	7/8/2014	1,130	8/15/2019	1,517
266	ASGARD SUBDIVISION	No Data Collected	NA	No Data Collected	NA	No Data Collected
267	SKINNER RIDGE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
268	W BAXTER RIDGE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
269	E BAXTER RIDGE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
270	SCARROW RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
271	TROJAN LN	No Data Collected	NA	No Data Collected	NA	No Data Collected
272	WIDOW SPRING RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
273	COULTER LAKE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
274	THREE FORKS RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
275	MANSFIELD CREEK RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
276	W ELK STOCK DRIVEWAY	No Data Collected	NA	No Data Collected	NA	No Data Collected
277	MIDDLE MOUNTAIN	No Data Collected	NA	No Data Collected	NA	No Data Collected
278	CLARK RIDGE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
279	MINER SPRINGS	No Data Collected	NA	No Data Collected	NA	No Data Collected
280	MEADOW CREEK RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
281	COW LAKE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected

282	CLINETOP COW CAMP RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
283	MARVIN RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
284	HADLEY GULCH RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
286	ATCHEE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
287	STOVE CANYON	No Data Collected	NA	No Data Collected	NA	No Data Collected
289	289	No Data Collected	NA	No Data Collected	NA	No Data Collected
290	FRAVERT RD	Beginning of Road	6/3/2014	91	NA	No Data Collected
291	STEPHENS HILL RD	Beginning of Road	4/21/2014	190	8/5/2019	201
292	LIMESTONE QUARRY RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
293	N GRAHAM RD	Beginning of Road	7/8/2014	1,358	8/15/2019	2,018
294	S GRAHAM RD	End of Road by Y	NA	No Data Collected	8/15/2019	878
296	DOKES LN	Beginning of Road	7/8/2014	151	8/5/2019	39
297	WITTWER LANE	No Data Collected	NA	No Data Collected	8/5/2019	53
298	SMITH DOLL COAL MINE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
30	FOUR MILE PARK RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
300	STONE QUARRY RD	By Fire Station	4/30/2014	498	5/15/2019	6,263
300	STONE QUARRY RD	By HWY 6 - Before Railroad Xing	NA	No Data Collected	8/28/2019	505
300B	SPENCER PY	Beginning by Alpine Bank	4/30/2014	2,360	4/29/2019	1,707
300C	SIPPRELLE DR	By the School	4/30/2014	362	4/29/2019	324
300E	E BATTLEMENT PY	By the School	4/30/2014	673	5/7/2019	735
300N	N BATTLEMENT PY	By the Bridge	4/30/2014	6,840	5/7/2019	10,253
300O	OLD STONE QUARRY RD	Beginning of Road	4/30/2014	238	4/29/2019	210
300S	S BATTLEMENT PY	By Kum and Go	4/30/2014	1,880	5/7/2019	2,096
300W	W BATTLEMENT PY	By Crosswalk	4/30/2014	4,771	5/7/2019	6,337
301	MORRISANIA MESA RD	East End by CR 320	4/30/2014	253	4/22/2019	240
302	UNDERWOOD LN	Beginning of Road by Cemetery	4/30/2014	121	4/30/2019	127
303	GARDNER LN	Beginning of Road by CR 3000	4/30/2014	467	4/30/2019	299
304	RICHARDSON RD	Beginning of Road	7/16/2014	420	5/15/2019	205

305	GRAVEL PIT RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
306	SPRING CREEK RD	Bottom of Road	7/16/2014	177	5/16/2019	182
306	WALLACE CREEK RD	Bottom of Road	7/15/2014	341	5/16/2019	283
307	RIVER BLUFF RD	Beginning of Road	7/16/2014	265	4/30/2019	361
308	FOUR CORNER RD	Beginning of Road Across from Sipperelle	7/16/2014	358	4/29/2019	400
309	RULISON-PARACHUTE RD	West End	7/16/2014	255	4/18/2019	345
309	RULISON-PARACHUTE RD	East End	NA	No Data Collected	4/18/2019	230
310	310	Beginning of Road	9/16/2014	62	4/30/2019	87
311	DIVIDE CREEK RD	Above CR 335	6/11/2014	1,352	3/26/2019	888
312	GARFIELD CREEK RD	Bottom of Road	9/2/2013	335	3/25/2019	166
313	E DIVIDE CREEK RD	Beginning of Road by CR 311	6/11/2014	144	4/3/2019	113
314	ALKALI CREEK RD	Lower Portion	8/20/2014	166	3/25/2019	196
314	ALKALI CREEK RD	Upper Portion	9/4/2014	34	NA	No Data Collected
315	MAMM CREEK RD	South of Airport Hill	6/11/2014	803	3/26/2019	491
316	KNUCKELS CREEK RD	West End	6/11/2014	67	4/11/2019	31
317	BEAVER CREEK RD	Beginning of Road	9/16/2014	768	4/11/2019	102
317A	SCRIBNER LN	Beginning of Road	9/16/2014	119	4/22/2019	32
318	RIVER RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
319	WEST MAMM CREEK RD	Beginning of Road	6/11/2014	802	3/26/2019	831
320	RIFLE-RULISON RD	West End	6/11/2014	236	4/29/2019	133
320	RIFLE-RULISON RD	East End	NA	No Data Collected	4/11/2019	991
321	TAUGHENBAUGH MESA RD	Beginning of Road East End	7/16/2014	80	4/11/2019	99
322	SHAEFFER RD	West End	9/16/2014	163	4/3/2019	95
323	RULISON RD	Beginning of Road	7/16/2014	1,017	4/18/2019	705
324	MAXFIELD RD	Beginning of Road West End	6/11/2014	388	4/10/2019	220
325	PORCUPINE CREEK	Beginning of Road	7/16/2014	64	4/18/2019	116
326	CHIPPERFIELD LN	Beginning of Road	9/25/2014	107	4/2/2019	207
326E	E CHIPPERFIELD LN	No Data Collected	NA	No Data Collected	NA	No Data Collected

327	HALLS GULCH	Beginning of Road North End	6/11/2014	230	4/10/2019	122
328	BALDY CREEK RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
329	SPRUCE CREEK RD	Beginning of Road	7/16/2014	107	4/18/2019	129
33	33	No Data Collected	NA	No Data Collected	NA	No Data Collected
331	DRY HOLLOW RD	Above CR 346	9/2/2014	1,182	3/25/2019	1,252
332	RAMSEY GULCH RD	West End	9/16/2014	654	4/11/2019	274
333	HUNTER MESA RD	East End	6/19/2014	123	3/26/2019	70
333A	HUNTER MESA SHOP RD	Bottom of Road	NA	No Data Collected	3/25/2019	416
334	334	No Data Collected	NA	No Data Collected	NA	No Data Collected
334A	SAMON LN	No Data Collected	NA	No Data Collected	NA	No Data Collected
335	COLORADO RIVER RD	West end by CR 311	9/2/2013	823	3/25/2019	496
335	COLORADO RIVER RD	East End Before Mtn Shadows	NA	No Data Collected	4/2/2019	2,799
336	JENKINS CUTOFF	West end by CR 315	6/19/2014	502	4/1/2019	307
337	337	Beginning of Road	9/16/2014	110	4/3/2019	155
338	BATTLEMENT CREEK RD	Beginning of Road	7/16/2014	139	4/30/2019	252
339	339	No Data Collected	NA	No Data Collected	NA	No Data Collected
34	PTARMIGAN DR	No Data Collected	NA	No Data Collected	NA	No Data Collected
340	340	Beginning of Road	9/16/2014	37	4/22/2019	78
342	FAIRVIEW RD	Beginning of Road North End	6/11/2014	91	4/10/2019	90
343	RAVEN RD	Beginning of Road West End	6/11/2014	78	4/10/2019	37
344	WEST DIVIDE RD	Beginning of Road West End	6/11/2014	126	4/10/2019	42
345	UNCLE BOB MOUNTAIN RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
346	RIFLE-SILT RD	East End	6/19/2014	755	4/3/2019	915
346	LOWER AIRPORT RD	West End	6/19/2014	1,118	3/26/2019	1,159
350	350	No Data Collected	NA	No Data Collected	NA	No Data Collected
352	GARFIELD CO AIRPORT RD	West End	6/19/2014	977	3/26/2019	1,541
352	GARFIELD CO AIRPORT RD	East End	NA	No Data Collected	4/3/2019	1,468
352A	RUNWAY ROAD	Beginning of Road	NA	No Data Collected	4/3/2019	247

353	PETE AND BILL DRAW	No Data Collected	NA	No Data Collected	NA	No Data Collected
354	354	No Data Collected	NA	No Data Collected	NA	No Data Collected
355	355	Beginning of Road	9/4/2014	83	4/22/2019	86
357A	VILLAGE DR	Beginning of Road	9/4/2014	865	4/11/2019	632
366	RIVERBEND DR	On CR 335 Before Riverbend	9/4/2014	440	4/2/2019	535
367	PINON RUN	No Data Collected	NA	No Data Collected	NA	No Data Collected
368	GLEN EAGLE CIR	No Data Collected	NA	No Data Collected	NA	No Data Collected
370	BATTLEMENT CREEK TRAIL	Lower Entrance	9/4/2014	488	5/15/2019	805
371	WILLOW CREEK TR	Lower Entrance	9/4/2014	542	5/15/2019	523
372	MONUMENT TR	Beginning of Road	9/4/2014	1,660	4/8/2019	2,057
372EE	NORTHSTAR TR	Beginning of Road	9/4/2014	924	5/15/2019	1,282
372I	PONDEROSA CI	Beginning of Road	9/4/2014	377	NA	No Data Collected
372V	LOGGEPOLE CI	Beginning of Road	7/24/2014	91	NA	No Data Collected
373	TAMARISK TR	Beginning of Road	7/24/2014	828	5/8/2019	1,860
373A	RAINBOW TR	Beginning of Road	7/24/2014	660	5/8/2019	1,420
373B	BLACKHAWK TR	Beginning of Road	7/24/2014	346	5/8/2019	1,429
373BB	SILVERPLUVE DRIVE	Beginning of Road	NA	No Data Collected	5/7/2019	215
373Z	MORNING STAR DR	Upper Entrance	9/4/2014	204	5/8/2019	337
374	THUNDERBERG TR	Beginning of Road	9/4/2014	454	4/30/2019	815
374C	MINERAL SPRINGS CIRCLE	Beginning of Road	NA	No Data Collected	5/8/2019	1,148
401	401	No Data Collected	NA	No Data Collected	NA	No Data Collected
402	402	No Data Collected	NA	No Data Collected	NA	No Data Collected
403	403	No Data Collected	NA	No Data Collected	NA	No Data Collected
404	404	No Data Collected	NA	No Data Collected	NA	No Data Collected
405	405	No Data Collected	NA	No Data Collected	NA	No Data Collected
406	406	No Data Collected	NA	No Data Collected	NA	No Data Collected
407	407	No Data Collected	NA	No Data Collected	NA	No Data Collected
408	408	No Data Collected	NA	No Data Collected	NA	No Data Collected

409	409	No Data Collected	NA	No Data Collected	NA	No Data Collected
42	KEATOR RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
442	442	No Data Collected	NA	No Data Collected	NA	No Data Collected
450	WILSON LN	No Data Collected	NA	No Data Collected	NA	No Data Collected
451	PANORAMIC DR	Beginning of Road	6/19/2014	178	7/29/2019	244
455	Rainbow Drive	Beginning of Road	NA	No Data Collected	7/29/2019	290
456	ODIN DRIVE	Bridge	9/2/2013	31	NA	No Data Collected
456	ODIN DRIVE	End of Road Upper Part	NA	No Data Collected	8/15/2019	163
457	APACHE DR	No Data Collected	NA	No Data Collected	NA	No Data Collected
458	COMANCHERO TR	No Data Collected	NA	No Data Collected	NA	No Data Collected
459	NAVAJO ST	No Data Collected	NA	No Data Collected	NA	No Data Collected
460	UTE AVE	No Data Collected	NA	No Data Collected	NA	No Data Collected
466	APPLE DR	Beginning of Road	9/24/2014	734	4/2/2019	907
468	468	No Data Collected	NA	No Data Collected	NA	No Data Collected
47	47	No Data Collected	NA	No Data Collected	NA	No Data Collected
470	Rose Lane	Beginning of Road	NA	No Data Collected	6/24/2019	298
471	DAISY DR	No Data Collected	NA	No Data Collected	NA	No Data Collected
472	Willow Lane	Beginning of Road	NA	No Data Collected	6/24/2019	335
473	COTTONWOOD DR	No Data Collected	NA	No Data Collected	NA	No Data Collected
481	MICHAELS CIR	No Data Collected	NA	No Data Collected	NA	No Data Collected
482	HIDE AWAY LN	No Data Collected	NA	No Data Collected	NA	No Data Collected
483	WILD WOOD LN	No Data Collected	NA	No Data Collected	NA	No Data Collected
484	484	No Data Collected	NA	No Data Collected	NA	No Data Collected
490	490	No Data Collected	NA	No Data Collected	NA	No Data Collected
491	491	No Data Collected	NA	No Data Collected	NA	No Data Collected
492	492	No Data Collected	NA	No Data Collected	NA	No Data Collected
500	Sunrise Blvd	Beginning of Road	NA	No Data Collected	7/29/2019	188
502	PEACH LN	No Data Collected	NA	No Data Collected	NA	No Data Collected

51	SOPRIS AVE	No Data Collected	NA	No Data Collected	NA	No Data Collected
52	52	No Data Collected	NA	No Data Collected	NA	No Data Collected
54	MESA ST	No Data Collected	NA	No Data Collected	NA	No Data Collected
55	GLENWOOD AVE	No Data Collected	NA	No Data Collected	NA	No Data Collected
56	CEDAR ST	No Data Collected	NA	No Data Collected	NA	No Data Collected
57	SOPRIS AVE	No Data Collected	NA	No Data Collected	NA	No Data Collected
58	58	No Data Collected	NA	No Data Collected	NA	No Data Collected
59	PINE STREET	No Data Collected	NA	No Data Collected	NA	No Data Collected
62	FISHER CEMETERY RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
64	FISHER CREEK RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
69	WESTBANK RD	Beginning of Road	8/20/2014	702	6/14/2019	890
70	OAK LN	No Data Collected	NA	No Data Collected	NA	No Data Collected
71	FAIRWAY LN	No Data Collected	NA	No Data Collected	NA	No Data Collected
72	MEADOW LN	No Data Collected	NA	No Data Collected	NA	No Data Collected
73	SUNLIGHT VIEW	Beginning of Road	NA	No Data Collected	5/28/2019	429
74	ALPINE CT	No Data Collected	NA	No Data Collected	NA	No Data Collected
75	DEER PARK CRT	No Data Collected	NA	No Data Collected	NA	No Data Collected
76	MEADOW WOOD ROAD	Beginning of Road	NA	No Data Collected	5/28/2019	249
78	BUCK POINT RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
79	BASALT MOUNTAIN DR	No Data Collected	NA	No Data Collected	NA	No Data Collected
80	ELK RANGE RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
81	SUNLIGHT DR	No Data Collected	NA	No Data Collected	NA	No Data Collected
82	82	No Data Collected	NA	No Data Collected	NA	No Data Collected
83	83	No Data Collected	NA	No Data Collected	NA	No Data Collected
88	SUNLIGHT PEAK RD	No Data Collected	NA	No Data Collected	NA	No Data Collected
99	SNOWMASS DR	No Data Collected	NA	No Data Collected	NA	No Data Collected