

APPENDIX C – PROJECTED ROAD BUILDING AND TREE-CUTTING IN ROADLESS AREAS

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INTRODUCTION

To analyze the potential consequences of the alternatives, the amount of potential road building and tree-cutting activities under each alternative was estimated. These estimates were gathered from personnel on each national forest in Colorado, for each roadless area and alternative. For each roadless area they considered factors such as: what was prohibited or limited under each alternative; any additional restrictions in their forest plan; the need for specific land uses or management actions that would require road building or tree-cutting; topographic and budgetary constraints; and other factors. They projected the likelihood for these activities to occur in roadless areas (IRAs or CRAs) over the next 15 years, to help provide an analysis framework from which to compare the potential effects of each alternative. No road building or tree-cutting activities are actually proposed as part of this analysis; thus these projections are somewhat speculative. The assumptions underlying these projections are described in detail in chapter 3-Analysis Framework.

EXPLANATION OF TABLE C-1

Table C-1 displays those specific roadless areas where road construction or reconstruction or tree-cutting activities vary among alternatives and are: somewhat likely, very likely, or plans are underway (codes 3, 4, or 5 respectfully). The table does not list roadless areas where those activities would be very unlikely or unlikely (1 or 2) under all alternatives, or does not vary under any alternative.

The names of roadless areas shown in the table are the CRA names, which in some cases differ from IRA names (refer to the crosswalk between IRA and CRA names in appendix A). The roadless area acreages shown in the table include the unroaded areas in CRAs that are not currently included in IRAs. The table also includes portions of IRAs that are not included in the CRAs (referred to generally as “substantially altered” areas). Those substantially altered areas listed include all acreages not included in CRAs, including the ski areas, substantially altered areas, and boundary adjustments due to mapping errors, land exchanges, and other factors (refer to appendix A and chapter 2). Thus, the table includes all roadless area acreages contained in IRAs and CRAs that meet the criteria mentioned in the previous paragraph.

Table C-1. Likelihood of future road construction or reconstruction and tree-cutting in roadless areas by national forest (15 year projection)

National forest	CRAs and substantially altered areas (SA) ¹	CRA acres	Road construction likelihood			Tree-cutting likelihood (with or without harvest)		
			Alt 1	Alt 2	Alt 3	Alt 1	Alt 2	Alt 3
AR	Cherokee Peak SA	200	2	5	5	3	3	3
AR	Comanche Peak Adjacent Area	45,200	2	2	4	4	4	4
AR	Comanche Park SA	900	2	5	5	4	4	4
AR	Green Ridge -West	13,600	2	2	3	3	3	3
AR	Rawah Adjacent Area	2,800	2	2	3	3	3	3
AR	White Pine Mtn.	10,200	2	2	3	3	3	4
AR	Indian Peaks Adjacent Area	30,400	2	2	5	5	5	5
GMUG	Carson Peak SA	11,500	2	5	5	2	5	5
GMUG	Clear Creek SA	6,000	4	4	4	4	4	4
GMUG	Clear Fork	24,100	3	4	4	3	4	4
GMUG	Cochetopa Hill SA	25,200	2	2	2	2	2	3
GMUG	Current Creek	10,800	1	3	3	1	3	3
GMUG	Crystal Creek SA	66,900	2	5	5	2	5	5
GMUG	Drift Creek SA	200	3	3	3	3	3	3
GMUG	Flat Irons	8,700	5	5	5	5	5	5
GMUG	Flattops/Elk Park		2	3	3	2	3	3
GMUG	Huntsman Ridge	9,200	4	4	4	4	4	4
GMUG	Matchless SA	11,700	1	5	5	1	5	5
GMUG	Pilot Knob	16,200	1	4	4	1	4	4
GMUG	Salt Creek	9,000	3	3	3	3	3	3
GMUG	Salt Creek SA	2,100	3	3	3	3	3	3
GMUG	Springhouse Creek SA	1,400	1	4	4	1	4	4
GMUG	Sunset	5,900	1	4	4	1	4	4
GMUG	Turner Creek	13,000	4	4	4	4	4	4
GMUG	West Elk SA	5,400	5	5	5	5	5	5
MLS	Roc Creek		1	3	3	1	3	3
PSI	Aspen Ridge	11,900	2	3	4	2	3	4
PSI	Aspen Ridge SA	13,172	2	3	4	2	3	4
PSI	Boreas	9,800	2	3	3	2	3	3
PSI	Buffalo Peaks East	5,200	2	4	5	2	4	5
PSI	Buffalo Peaks East SA	665	2	4	5	2	4	5
PSI	Buffalo Peaks South	7,600	2	3	4	2	3	4
PSI	Buffalo Peaks West	8,000	2	4	5	4	5	5
PSI	Buffalo Peaks West SA	3,821	2	4	5	4	5	5
PSI	Burning Bear	19,100	2	5	5	4	5	5
PSI	Burning Bear SA	199	2	5	5	4	5	5
PSI	Chipeta	28,700	2	4	4	2	4	4
PSI	Chipeta SA	2,212	2	4	4	2	4	4
PSI	Cuchara North	8,200	2	3	3	2	3	3
PSI	Cuchara North SA	800	2	3	3	2	3	3
PSI	Cuchara South	7,500	2	3	4	2	3	4
PSI	Cuchara South SA	1,900	2	3	4	2	3	4
PSI	Elk Mountain-Collegiate North	32,900	2	3	4	2	3	4
PSI	Elk Mountain-Collegiate North SA	1,500	2	3	4	2	3	4

¹ SA includes all acreages in IRAs under alternatives 1 and 3 that are not included in CRAs under alternative 2, including but not limited to the substantially altered areas.

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National forest	CRAs and substantially altered areas (SA) ¹	CRA acres	Road construction likelihood			Tree-cutting likelihood (with or without harvest)		
			Alt 1	Alt 2	Alt 3	Alt 1	Alt 2	Alt 3
PSI	Elk Mountain-Collegiate South	6,600	2	3	3	2	3	3
PSI	Elk Mountain-Collegiate South SA	527	2	3	3	2	3	3
PSI	Elk Mountain-Collegiate West	5,800	2	3	3	3	3	3
PSI	Elk Mountain-Collegiate West SA	460	2	3	3	3	3	3
PSI	Farnum	11,100	2	3	3	2	3	3
PSI	Green Mountain	11,000	2	5	5	4	5	5
PSI	Green Mountain SA	342	2	5	5	4	5	5
PSI	Greenhorn Mountain: Badito Cone to Dry Creek	1,800	2	3	3	2	3	3
PSI	Greenhorn Mountain: Badito Cone to Dry Creek SA	1,702	2	3	3	2	3	3
PSI	Greenhorn Mountain: Cisneros Creek to Upper Turkey Creek	2,400	2	4	5	2	4	5
PSI	Greenhorn Mountain: Cisneros Creek to Upper Turkey Creek SA	1,072	2	4	5	2	4	5
PSI	Greenhorn Mountain: Graneros Creek to Section 10	4,800	2	3	3	2	3	3
PSI	Greenhorn Mountain: Little Saint Charles Creek to Greenhorn Creek	5,300	2	4	4	2	4	4
PSI	Greenhorn Mountain: Little Saint Charles Creek to Greenhorn Creek SA	2,176	2	4	4	2	4	4
PSI	Gunbarrel	8,400	2	4	5	2	5	5
PSI	Gunbarrel SA	857	2	4	5	2	5	5
PSI	Hardscrabble	7,400	2	5	5	2	5	5
PSI	Highline	12,400	2	3	4	2	3	4
PSI	Highline SA	1,030	2	3	4	2	3	4
PSI	Holy Cross	6,000	2	3	5	2	4	5
PSI	Holy Cross SA	2,710	2	3	5	2	4	5
PSI	Jefferson	10,700	2	4	4	2	4	4
PSI	Jefferson SA	1,789	2	4	4	2	4	4
PSI	Kreutzer-Princeton	40,900	2	3	3	2	3	3
PSI	Kreutzer-Princeton SA	2,788	2	3	3	2	3	3
PSI	Lost Creek East	14,200	2	4	4	2	3	4
PSI	Lost Creek East SA	1,519	2	4	4	2	3	4
PSI	Lost Creek South	5,900	2	3	3	2	3	3
PSI	Lost Creek West	12,300	2	3	4	2	3	4
PSI	Lost Creek West SA	535	2	3	4	2	3	4
PSI	Methodist Mountain	7,000	2	3	3	2	3	3
PSI	Methodist Mountain SA	1,003	2	3	3	2	3	3
PSI	Mount Antero	38,700	2	3	4	2	3	4
PSI	Mount Antero SA	3,687	2	3	4	2	3	4
PSI	Mount Evans	15,400	2	5	5	2	5	5
PSI	Mt. Elbert	23,800	2	4	5	2	4	5
PSI	Mt. Elbert SA	1,402	2	4	5	2	4	5
PSI	Pikes Peak East	13,300	2	3	4	2	3	4
PSI	Pikes Peak East SA	1,013	2	3	4	2	3	4
PSI	Pikes Peak West	14,100	2	3	3	2	3	3
PSI	Pikes Peak West SA	319	2	3	3	2	3	3
PSI	Porphyry Peak	3,900	2	4	5	2	4	5
PSI	Puma Hills	8,500	2	5	5	2	5	5

**Appendix C – Projected Road Building and Tree-cutting
by Roadless Area and Alternative**

National forest	CRAs and substantially altered areas (SA) ¹	CRA acres	Road construction likelihood			Tree-cutting likelihood (with or without harvest)		
			Alt 1	Alt 2	Alt 3	Alt 1	Alt 2	Alt 3
PSI	Rampart East	23,600	2	4	5	2	4	5
PSI	Rampart East SA	2,894	2	4	5	2	4	5
PSI	Rampart West	24,200	2	5	5	4	5	5
PSI	Rampart West SA	773	2	5	5	4	5	5
PSI	Romley	7,700	2	3	4	2	3	4
PSI	Sangre de Cristo: Alvarado Campground to Music Pass	7,400	2	4	4	2	4	4
PSI	Sangre de Cristo: Alvarado Campground to Music Pass SA	256	2	4	4	2	4	4
PSI	Sangre de Cristo: Blanca Peak to Slide Mountain	3,900	2	3	4	2	3	4
PSI	Sangre de Cristo: Blanca Peak to Slide Mountain SA	877	2	3	4	2	3	4
PSI	Sangre de Cristo: Lake Creek to Hermit Creek	11,000	2	3	3	2	3	3
PSI	Sangre de Cristo: Lake Creek to Hermit Creek SA	2,689	2	3	3	2	3	3
PSI	Sangre de Cristo: Medano Pass to Carbonate Mountain	7,600	2	3	4	2	3	4
PSI	Sangre de Cristo: Medano Pass to Carbonate Mountain	161	2	3	4	2	3	4
PSI	Sangre de Cristo: Silverheels Gulch to Hunts Creek	6,000	2	3	4	2	3	4
PSI	Sangre de Cristo: Silverheels Gulch to Hunts Creek SA	125	2	3	4	2	3	4
PSI	Sangre de Cristo: West Creek to Big Cottonwood	7,400	2	4	4	2	4	4
PSI	Sangre de Cristo: West Creek to Big Cottonwood SA	264	2	4	4	2	4	4
PSI	Scraggy Peaks	15,500	2	5	5	2	5	5
PSI	Scraggy Peaks SA	1,403	2	5	5	2	5	5
PSI	Sheep Rock	7,100	2	3	3	2	3	3
PSI	Sheep Rock SA	562	2	3	3	2	3	3
PSI	Silverheels	7,500	2	3	3	2	3	3
PSI	Silverheels SA	302	2	3	3	2	3	3
PSI	Spanish Peaks	6,300	2	3	3	2	3	3
PSI	Spanish Peaks SA	2,849	2	3	3	2	3	3
PSI	Square Top Mountain	6,300	2	3	3	2	3	3
PSI	St. Charles Peak	11,100	2	5	5	2	5	5
PSI	St. Charles Peak SA	1,473	2	5	5	2	5	5
PSI	Starvation Creek	7,600	2	4	5	2	4	5
PSI	Starvation Creek SA	1,422	2	4	5	2	4	5
PSI	Tanner Peak	17,600	2	3	3	2	3	3
PSI	Tanner Peak SA	226	2	3	3	2	3	3
PSI	Thirtynine Mile Mountain	10,900	2	3	4	2	3	4
PSI	Thirtynine Mile Mountain SA	455	2	3	4	2	3	4
PSI	Thunder Butte	7,400	2	5	5	2	5	5
PSI	Thunder Butte SA	666	2	5	5	2	5	5
PSI	Weston Peak	15,300	2	3	3	2	3	3
PSI	Weston Peak SA Weston Peak	812	2	3	3	2	3	3
RG	Alamosa River	4,900	1	1	1	2	3	3
RG	Beaver Mountain	7,100	1	1	1	2	3	3
RG	Bennet Mt ... SA Acres	900	1	1	1	2	3	3
RG	Box / Road Canyon	1,400	1	1	1	2	3	3

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National forest	CRAs and substantially altered areas (SA) ¹	CRA acres	Road construction likelihood			Tree-cutting likelihood (with or without harvest)		
			Alt 1	Alt 2	Alt 3	Alt 1	Alt 2	Alt 3
RG	Fox Mountain SA Acres	1,700	1	1	1	2	3	3
RG	La Garita	10,500	1	1	1	2	3	3
RG	La Garita SA Acres	1,600	1	1	1	2	3	3
RG	Lower East Bellows	1,800	1	1	1	2	3	3
RG	Ruby Lake SA Acres	500	1	1	1	2	3	3
RG	Silver Lakes / Stunner	5,800	1	1	1	2	3	3
RG	Silver Lakes/Stunner SA Acres	500	1	1	1	2	3	3
RG	Snowshoe Mountain	31,500	1	1	1	2	3	3
RG	Spruce Hole / Sheep Creek	7,600	1	1	1	2	3	3
RG	Tewksberry	6,600	1	1	1	2	3	3
RG	Ute Pass	8,700	1	1	1	2	3	3
RG	Wason Park	20,400	1	1	1	2	3	3
RG	Wightman Fork/Upper Burro SA Acres	500	1	1	1	2	3	3
RG	Wightman Fork ... SA Acres	300	1	1	1	2	3	3
ROUTT	Black Mountain	22,800	3	2	4	2	2	4
ROUTT	Bushy Creek	11,400	2	5	5	3	5	5
ROUTT	Elkhorn	11,100	3	2	3	3	2	3
ROUTT	Morrison Creek	8,500	2	5	5	3	5	5
ROUTT	Never Summer South	7,600	4	4	4	2	3	3
ROUTT	Nipple Peak North	6,300	2	3	4	2	3	4
ROUTT	Nipple Peak South	13,900	1	1	1	3	4	4
ROUTT	Pagoda Peak		3	3	3	3	3	3
ROUTT	Sugarloaf North	15,100	2	2	4	2	2	4
ROUTT	Troublesome North	32,800	2	3	4	2	3	4
ROUTT	Walton Peak	5,300	2	2	3	2	2	4
SJ	Baldy	20,000	2	4	4	2	4	4
SJ	Davis Mountain SA	200	2	4	4	2	4	4
SJ	East Animas	16,900	2	3	3	2	3	3
SJ	East Animas SA	1,800	2	4	4	2	4	4
SJ	Fish Creek	13,500	1	1	1	2	3	3
SJ	Florida River SA	5,600	2	4	4	2	4	4
SJ	Graham Park	17,800	1	1	1	2	3	3
SJ	Graham Park SA	1,200	2	3	3	2	3	3
SJ	HD Mountains	25,100	5	5	5	2	5	5
SJ	HD Mountains SA	1,800	2	3	3	2	3	3
SJ	Hermosa	121,700	2	5	5	2	5	5
SJ	Hermosa SA	15,900	2	4	4	2	4	4
SJ	Martinez Creek SA	2,100	2	4	4	2	4	4
SJ	Monk Rock SA	1,100	2	4	4	2	4	4
SJ	Piedra Area Adjacent	39,300	2	4	4	2	4	4
SJ	Piedra SA	18,100	2	4	4	2	4	4
SJ	Poison Park SA	3,400	2	4	4	2	4	4
SJ	Runlett Park	5,600	2	3	3	2	3	3
SJ	Runlett Park SA	100	2	4	4	2	4	4
SJ	Ryman SA Acres	900	2	3	3	2	3	3
SJ	South San Juan Adjacent	35,100	2	3	4	2	4	4
SJ	South San Juan SA	22,200	2	5	5	2	5	5
SJ	Storm Peak	57,600	2	3	3	2	3	3
SJ	Storm Peak SA	4,900	2	4	4	2	4	4
SJ	Turkey Creek	25,300	2	4	4	2	4	4
SJ	Turkey Creek SA	2,000	2	4	4	2	4	4
SJ	Weminuche Adjacent	22,700	2	4	4	2	4	4

**Appendix C – Projected Road Building and Tree-cutting
by Roadless Area and Alternative**

National forest	CRAs and substantially altered areas (SA) ¹	CRA acres	Road construction likelihood			Tree-cutting likelihood (with or without harvest)		
			Alt 1	Alt 2	Alt 3	Alt 1	Alt 2	Alt 3
SJ	West Needles	7,000	2	2	2	2	4	4
WR	Baldy Mountain	6,000	4	4	4	4	4	4
WR	Big Ridge To South Fork B	6,000	2	3	3	2	3	3
WR	Black Lake East	700	2	3	3	2	3	3
WR	Boulder	2,300	2	3	3	2	3	3
WR	Budges	2,000	2	2	2	2	2	2
WR	Buffer Mountain	22,000	2	3	3	2	3	3
WR	Dome Peak	22,000	2	2	2	2	3	2
WR	East Divide / Four Mile Park	8,700	2	4	4	2	4	4
WR	East Vail SA	700	2	3	2	2	3	3
WR	East Willow	7,200	3	4	4	3	4	4
WR	East Willow SA	900	1	1	1	2	3	3
WR	Elk Creek B	7,200	2	3	2	2	3	2
WR	Fawn Creek / Little Lost Park	5,400	1	1	1	2	3	2
WR	Game Creek	6,200	2	3	2	2	3	3
WR	Hardscrabble	22,700	2	3	2	2	3	2
WR	Homestake	4,200	2	3	2	2	3	2
WR	Lower Piney	23,400	2	3	3	2	3	3
WR	Mamm Peak	25,400	3	4	4	3	4	4
WR	Morapos A	23,600	1	2	2	2	2	2
WR	North Elk	9,900	2	3	2	2	3	3
WR	Porcupine Peak	7,700	2	3	2	2	3	2
WR	Reno mountain	12,400	3	4	4	3	4	4
WR	Thompson Creek	28,500	2	4	4	2	4	4
WR	Willow	2,200	1	1	1	2	3	3
WR	Woods Lake	9,500	2	3	3	2	3	3

Codes:

1. Very unlikely (based on terrain or other feasibility factors)
2. Unlikely (based on high cost and/or low need)
3. Somewhat likely (moderate need, but highly uncertain)
4. Very likely (clear need for action and feasible terrain)
5. Plans underway (proposal being studied or project decision made)

Abbreviations:

AR: Arapaho and Roosevelt National Forests
 GMUG: Grand Mesa, Uncompahgre, and Gunnison National Forests
 MLS: Manti-La Sal National Forest
 RG: Rio Grande National Forest
 SA: Substantially altered acres
 SJ: San Juan National Forest
 PSI: Pike and San Isabel National Forests
 WR: White River National Forest

