

## Roadway Plan

A total of 67 different projects have been identified as being needed by the year 2040. These projects are shown on Map 13 and listed on Table 4, with each project numbered within each improvement category. Capacity improvement projects are concentrated in the developing urban/suburban western part of the County, while paving projects are spread throughout the County with several in the eastern part.

Map 14 shows the 2040 Roadway Plan that results from the implementation of the improvements described above. The map shows road laneage and classification envisioned in 2040 if all 67 projects are implemented.

**Table 4: 2040 Roadway Improvement Projects**

Project ID	Road Segment	Segment		PPRTA Project	Urban vs. Rural	Existing Conditions		Future Conditions		Total Cost
		Beginning	End			Lanes	Functional Class	Lanes	Functional Class	
<b>Paving Improvement Projects</b>										
P1	Black Forest Rd	Walker Rd	County Line Rd		Rural	2	Gravel Road	2	Unimproved County Rd	\$1,954,000
P2	Walker Rd	Black Forest Rd	Meridian Rd		Rural	2	Gravel Road	2	Unimproved County Road	\$4,899,000
P3	Sweet Rd	Peyton Hwy	Ellicott Hwy		Rural	2	Gravel Road	2	Unimproved County Road	\$6,431,000
P4	Harrisville Rd	Blasingame Rd	Ramah Hwy		Rural	2	Gravel Road	2	Unimproved County Road	\$1,601,000
P5	Funk Rd	Calhan Hwy	Ramah Hwy		Rural	2	Gravel Road	2	Unimproved County Road	\$7,913,000
P6	Eastonville Rd	Eastonville Loop	Londonderry Dr		Rural	2	Gravel Road	2	Unimproved County Road	\$1,284,000
P7	Blaney Rd S	Meridian Rd	Hoofbeat Rd		Rural	2	Gravel Road	2	Unimproved County Road	\$1,125,000
P8	Drennan Rd	Curtis Rd	Ellicott Hwy		Rural	2	Gravel Road	2	Unimproved County Road	\$7,148,000

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Project ID	Road Segment	Segment		PPRTA Project	Urban vs. Rural	Existing Conditions		Future Conditions		Total Cost
		Beginning	End			Lanes	Functional Class	Lanes	Functional Class	
P9	Sanborn Rd	Ellicott Hwy	Baggett Rd		Rural	2	Gravel Road	2	Unimproved County Road	\$1,566,000
P10	Log Rd	90-degree bend	SH 94		Rural	2	Gravel Road	2	Unimproved County Road	\$1,550,000
P11	Latigo Blvd	Eastonville Rd	Elbert Rd		Rural	2	Gravel Road	2	Unimproved County Road	\$1,297,000
P12	Hoofbeat	Blaney Rd S	SH 94		Rural	2	Gravel Road	2	Unimproved County Road	\$2,756,000
P13	Soap Weed Rd	South of US 24	Beg. of Paved section		Rural	2	Gravel Road	2	Unimproved County Road	\$2,495,000
<b>Paving Projects Total</b>										<b>\$42,019,000</b>
<b>Resurfacing Projects</b>										
R1	Boone Rd	Fossinger Rd	Myers Rd		Rural	2	Unimproved County Road	2	Unimproved County Road	\$11,647,000
R2	Sweet Rd	Elbert Rd	Peyton Hwy		Rural	2	Unimproved County Road	2	Unimproved County Road	\$1,633,000
R3	Murphy Rd	Eastonville Rd	Bradshaw Rd		Rural	2	Unimproved County Road	2	Unimproved County Road	\$1,622,000
R4	Chamberlin South	B St	End of street	B	Rural	2	Unimproved County Road	2	Unimproved County Road	\$112,000
R5	Fountain Mesa Rd	Caballero Ave	Fontaine Blvd	B	Rural	2	Unimproved County Road	2	Unimproved County Road	\$355,000
<b>Resurfacing Projects Total Cost</b>										<b>\$15,369,000</b>

**Table 4: 2040 Roadway Improvement Projects**

Project ID	Road Segment	Segment		PPRTA Project	Urban vs. Rural	Existing Conditions		Future Conditions		Total Cost
		Beginning	End			Lanes	Functional Class	Lanes	Functional Class	
<b>County Road Upgrades</b>										
U1	Curtis Rd	Judge Orr Rd.	SH 94		Rural	2	Unimproved County Road	2	Principal Arterial	\$35,549,000
U2	Curtis Rd	SH 94	Drennan Rd		Rural	2	Unimproved County Road	2	Minor Arterial	\$23,379,000
U3	Bradley Rd	COS City Limit	Curtis Rd		Rural	2	Unimproved County Road	2	Minor Arterial	\$24,252,000
U4	Old Pueblo Rd	Fountain City Limits	I-25	B	Rural	2	Unimproved County Road	2	Collector	\$16,722,000
U5	Falcon Hwy	US 24	1 mi east of Curtis Rd		Rural	2	Unimproved County Road	2	Minor Arterial	\$16,509,000
U6	Hodgen Rd	Goshawk Rd	Meridian Rd.	B	Rural	2	Unimproved County Road	2	Minor Arterial	\$7,698,000
U7	Baptist Rd	Desiree Dr	Roller Coaster Rd		Rural	2	Unimproved County Road	2	Collector	\$5,286,000
U8	Hodgen Rd	Black Forest Rd	Bar X Rd	B	Rural	2	Unimproved County Road	2	Minor Arterial	\$5,053,000
U9	Hodgen Rd	Roller Coaster Rd	SH 83		Rural	2	Unimproved County Road	2	Minor Arterial	\$3,518,000
U10	Meridian Rd	Hodgen Rd	Murphy Rd	B	Rural	2	Unimproved County Road	2	Minor Arterial	\$7,763,000
U11	Black Forest Rd	Hodgen Rd	Stapleton Dr	B	Rural	2	Unimproved County Road	2	Minor Arterial	\$22,714,000
U12	Vollmer Rd	Stapleton Dr	Shoup Rd	B	Rural	2	Unimproved County Road	2	Minor Arterial	\$11,691,000

**Table 4: 2040 Roadway Improvement Projects**

Project ID	Road Segment	Segment		PPRTA Project	Urban vs. Rural	Existing Conditions		Future Conditions		Total Cost
		Beginning	End			Lanes	Functional Class	Lanes	Functional Class	
U13	Shoup Rd	SH 83	Black Forest Rd		Rural	2	Unimproved County Road	2	Minor Arterial	\$15,019,000
U14	Milam Rd	Shoup Rd	Old Ranch Rd		Rural	2	Unimproved County Road	2	Minor Arterial	\$9,447,000
U15	Walker Rd	Steppler Rd	Black Forest Rd		Rural	2	Unimproved County Road	2	Minor Arterial	\$6,783,000
U16	Roller Coaster Rd	Hodgen Rd	Old Northgate Rd		Rural	2	Unimproved County Road	2	Minor Arterial	\$11,697,000
U17	Higby Rd	Cloverleaf Rd	Roller Coaster Rd		Urban	2	Unimproved County Road	2	Minor Arterial	\$6,514,000
U18	Beacon Lite Rd	SH 105	County Line Rd	A	Rural	2	Unimproved County Road	2	Collector	\$5,321,000
U19	Eastonville Rd	Mclaughlin Rd	Latigo Blvd	A	Rural	2	Unimproved County Road	2	Minor Arterial	\$18,420,000
U20	Monument Hill	Woodmoor Dr	County Line Rd	A	Rural	2	Unimproved County Road	2	Collector	\$5,224,000
U21	Deer Creek Rd	Monument Hill	Woodmen Dr	A	Rural	2	Unimproved County Road	2	Collector	\$879,000
<b>County Road Upgrade Projects Total Costs</b>										<b>\$259,437,000</b>

**Table 4: 2040 Roadway Improvement Projects**

Project ID	Road Segment	Segment		PPRTA Project	Urban vs. Rural	Existing Conditions		Future Conditions		Total Cost
		Beginning	End			Lanes	Functional Class	Lanes	Functional Class	
<b>State Highway Improvements</b>										
SH1	SH94	City Limits	Slocum Rd		Rural	2	Principal Arterial	4	Principal Arterial	\$31,129,000
SH2	US 83	Shoup Rd	Northgate Rd		Rural	4	Principal Arterial	6	Principal Arterial	\$5,953,000
SH3	US 24 West	31st St	Manitou Interchange		Urban	4	Principal Arterial	4	Freeway	\$9,045,000
SH4	US 24	Marksheffel Rd	Constitution		Urban	4	Principal Arterial	6	Expressway	\$4,591,000
SH5	US 24	Garratt Rd	Woodmen Rd		Rural	4	Principal Arterial	6	Principal Arterial	\$7,995,000
SH6	US 83	Northgate	Hodgen Rd		Rural	2	Principal Arterial	4	Principal Arterial	\$10,742,000
<b>State Highway Capacity Projects Total Costs</b>										<b>\$69,455,000</b>

**Table 4: 2040 Roadway Improvement Projects**

Project ID	Road Segment	Segment		PPRTA Project	Urban vs. Rural	Existing Conditions		Future Conditions		Total Cost
		Beginning	End			Lanes	Functional Class	Lanes	Functional Class	
<b>County Road Capacity Improvements</b>										
C1	Enoch Rd	SH 94	Schriever		Rural	2	Collector	4	Principal Arterial	\$8,208,000
C2	Marksheffel Rd	Stetson Hills	2000 ft north		Urban	2	Principal Arterial	4	Principal Arterial	\$3,526,000
C3	Marksheffel Rd	Barnes Rd	Carefree Cir. N		Urban	2	Principal Arterial	4	Principal Arterial	\$8,864,000
C4	Marksheffel Rd	0.5 mi. north of Fontaine	Link Rd		Rural	2	Minor Arterial	4	Expressway	\$20,816,000
C5	Fontaine	Marksheffel Rd	Easy St		Urban	2	Minor Arterial	4	Minor Arterial	\$42,449,000
C6	Bradley Rd	Academy Blvd	Hancock Expy		Urban	2	Principal Arterial	4	Principal Arterial	\$18,301,000
C7	Academy Blvd	I-25	Bradley Rd	A	Urban	4	Expressway	6	Expressway	\$22,733,000
C8	Woodmen Rd	Marksheffel Rd	Banning Lewis		Urban	4	Principal Arterial	6	Expressway	\$19,316,000
C9	Walker Rd	SH 83	Steppler Rd		Rural	2	Collector	4	Minor Arterial	\$15,126,000
C10	Meridian Rd	Murphy Rd	Rex Rd	B	Rural	2	Collector	4	Minor Arterial	\$21,081,000
C11	Black Forest Rd	Stapleton Dr	1300 ft south of Silver Pond Heights	B	Urban	2	Minor Arterial	4	Minor Arterial	\$7,507,000
C12	Stapleton Dr	Towner	Judge Orr Rd.	B	Urban	2	Principal Arterial	4	Principal Arterial	\$41,076,000
C13	Vollmer Rd	Marksheffel Rd	Stapleton Dr		Rural	2	Collector	4	Minor Arterial	\$9,599,000
C14	Judge Orr Rd	Eastonville Rd	Peyton Hwy		Rural	2	Minor Arterial	4	Minor Arterial	\$38,248,000
C15	Hwy 105	Knollwood Blvd	SH 83		Rural	2	Principal Arterial	4	Principal Arterial	\$28,297,000
C16	Grinnell St	Powers Blvd	Bradley Rd	B	Rural	2	Minor Arterial	4	Minor Arterial	\$3,807,000
<b>County Road Capacity Projects Total Costs</b>										<b>\$319,856,000</b>

**Table 4: 2040 Roadway Improvement Projects**

Project ID	Road Segment	Segment		PPRTA Project	Urban vs. Rural	Existing Conditions		Future Conditions		Total Cost
		Beginning	End			Lanes	Functional Class	Lanes	Functional Class	
<b>New Road Connections</b>										
N1	Roller Coaster Rd	Eliminate jog in alignment			Rural			2	Minor Arterial	\$4,118,000
N2	Black Forest Rd	Eliminate jog in alignment			Rural			2	Minor Arterial	\$2,585,000
N3	Hodgen Rd	Eastonville Rd	Elbert Rd		Rural			2	Collector	\$4,470,000
N4	Rex Rd	Rex Rd	Eastonville Rd		Urban			2	Collector	\$6,359,000
N5	Stapleton Dr	Towner Rd	Black Forest Rd		Urban			4	Principal Arterial	\$55,771,000
N6	Woodmen Hills Rd	Stapleton Dr	Raygor Rd		Urban			2	Collector	\$12,296,000
N7	Peyton Hwy	Judge Orr Rd	Peyton Hwy		Rural			2	Collector	\$8,365,000
N8	Howell Lane	Bridge over Kettle Creek			Rural			2	Collector	\$8,130,000
N9	Meridian Rd	Bradley Rd	Mesa Ridge Pkwy		Rural			2	Minor Arterial	\$11,312,000
N10	Mesa Ridge Pkwy	Marksheffel Rd	Meridian Rd		Rural			2	Minor Arterial	\$5,216,000
N11	Fontaine Blvd	Fontaine Blvd	Meridian Rd		Urban			4	Principal Arterial	\$11,217,000
N12	Marksheffel Rd	Woodmen Rd	Research Pkwy		Urban			4	Principal Arterial	\$40,262,000
N13	Banning Lewis	Woodmen Rd	Stapleton		Urban			4	Principal Arterial	\$11,131,000
N14	Mesa Ridge Pkwy	Powers Blvd	Marksheffel Rd	A	Rural			4	Principal Arterial	\$14,170,000
N15	Tutt Blvd Extension	Dublin Blvd	Templeton Gap	A	Urban			4	Principal Arterial	\$4,506,000
N16	Furrow Rd Ext	Lamplighter Dr	Higby Rd		Urban			2	Collector	\$1,078,000
N17	Bradley Rd	Grinnell St.	Powers Blvd	B	Urban			2	Minor Arterial	\$10,335,000
<b>New Road Connections Total Project Costs</b>										<b>\$208,915,000</b>
<b>Total Project Cost of County Improvements</b>										<b>\$845,596,000</b>
<b>Total Cost for PPRTA A List Projects</b>										<b>\$68,847,000</b>
<b>Total State Highway Improvements Cost</b>										<b>\$69,455,000</b>
<b>Total Cost of All Projects</b>										<b>\$915,051,000</b>

**Table 5: 2040 Multi-modal Improvement Projects**

Project ID	Road Name	Improvement Type	Beginning (South, West)	End (North, East)	Length
M1	S. Peyton Highway	Bicycle	Squirrel Creek Road	Falcon Highway	15.93
M2	S. Ellicott Highway	Bicycle & Primary Regional Trail	Squirrel Creek Road	Farmer Road	1.93
M3	Squirrel Creek Road	Bicycle & Primary Regional Trail	Shumway Road	S. Ellicott Highway	14.06
M4	Falcon Highway	Bicycle & Secondary Regional Trail	Meridian Road	S. Peyton Highway	6.95
M5	Meridian Road	Bicycle	Blaney Road	Falcon Highway	2.98
M6	Peyton Highway	Bicycle	Falcon Highway	US 24	7.00
M7	Elbert Road	Bicycle	Judge Orr Road	US 24	2.32
M8	Judge Orr Road	Bicycle	Eastonville Road	Peyton Highway	2.98
M9	Stapleton Dr	Bicycle	Meridian Road	US 24	2.56
M10	Hodgen Road	Bicycle	Meridian Road	Eastonville Road	1.67
M11	Vollmer Road	Bicycle & Primary Regional Trail	Marksheffel Road	Shoup Road	4.51
M12	Hodgen Road	Bicycle & Primary Regional Trail	Highway 105	US 83	4.07
M13	US 24	Primary Regional Trail	Manitou	Cascade	3.44
M14	Shoup Road	Bicycle	US 83	Vollmer Road	6.24