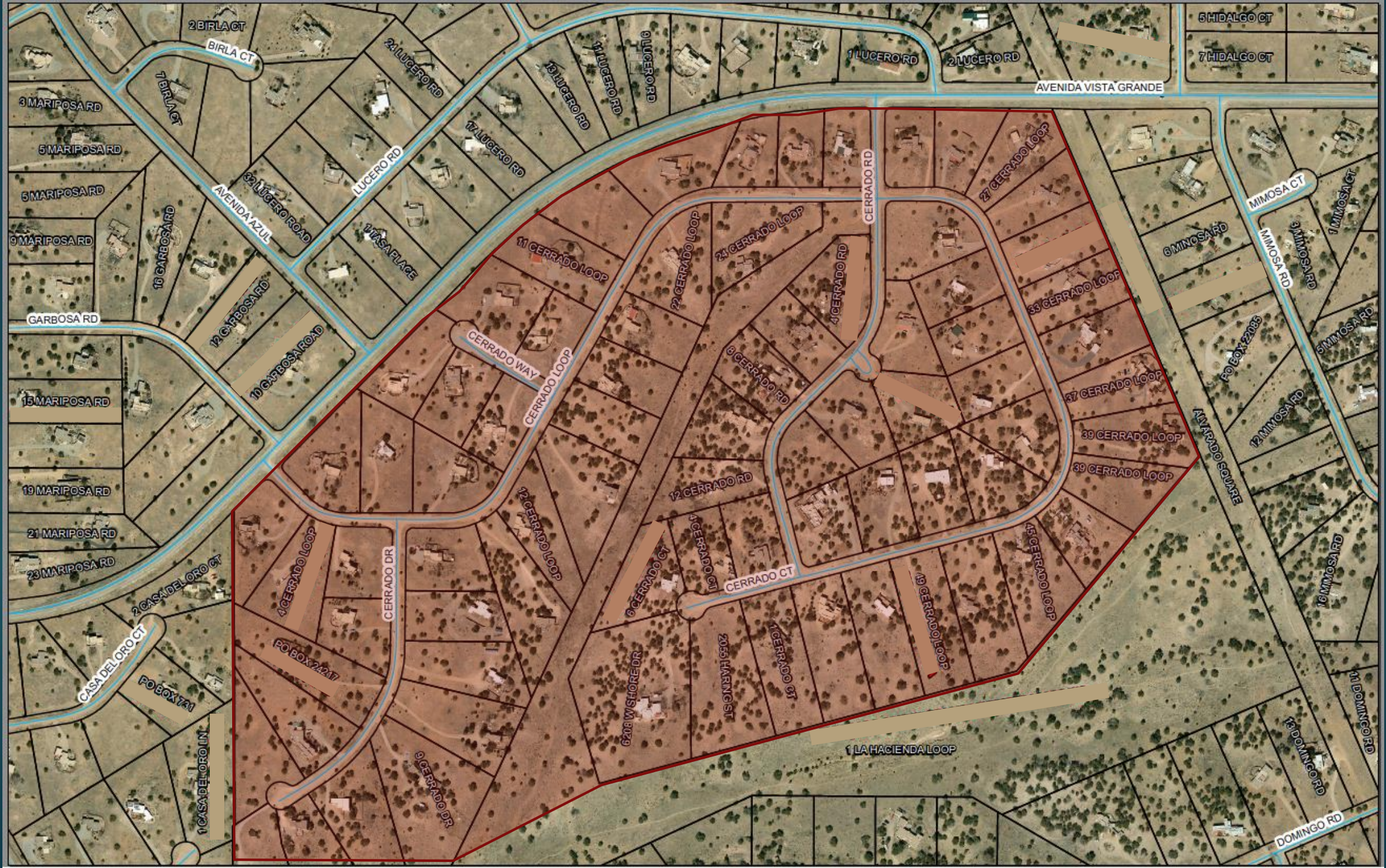
CERRADO LOOP
Community Meeting
April 5, 2021
Assessment & Decision Making Process
by the ECIA ROAD COMMITTEE

HISTORY OF CERRADO LOOP PROJECT.

ELDORADO ROADS LIST, CAPITAL REQUESTS & COLLABORATION WITH SF COUNTY.

Assessment & Decision Making Process

BRIEF HISTORY OF CERRADO LOOP PROJECT.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AVENIDA AZUL
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AVENIDA VISTA GRANDE
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PO BOX 22417
PO BOX 731
2 CASA DEL ORO CT
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1 CASA DEL ORO LN
6408 W SHORE DR
2056 HARNGST
1 LA HACIENDA LOOP
ALVARADO SQUARE
MIMOSA CT
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PO BOX 22035
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DOMINGO RD

ECIA Road Committee. Actions towards Cerrado Loop Paving.

Date	Action	Notes
2/5/20	**RC Meeting**: • Minutes discussed next steps	**ECIA Board/County Liaison Joseph Gutierrez recommended scheduling a meeting between the Board, RC and SFCPW in March**
3/16/20	Board Meeting • Agenda listed Meeting with SFCPW • Minutes and Chair report discussed meeting	Issues with roads and allocated funding were primary topics of discussion
4/23/20	**Meeting between selected Board members, the RC and SFCPW PE Diego Gomez regarding paving & RAP road issues**	Mr. Gomez explained the **urgent need to encumber funds** allocated by the legislature specifically for an Eldorado paving project, by identifying that project
5/6/20	**RC Meeting:** • **Agenda listed paving project** • **Minutes discussed the project**	**RC discussed and recommended the Board support PE Gomez's recommendation to pave Cerrado Loop.** Dr. Mason presented a user ratio to validate paving & maintenance recommendations
5/13/20	**Town Hall Meeting** to Discuss materials and methods of improving **RAP covered roads in Eldorado**.	Participants included SF County Commissioner Ed Moreno, Constituent Services Liaison Olivia Romo, Projects Engineer Diego Gomez, Public Works Director Gary Giron, Roads, Utilities and Fleet Director Ryan Ward, Road Superintendent Richard Change and District 5 Maintenance Foreman Chris Sena. **The public had the opportunity to ask questions about roads and upcoming projects**.

ECIA Road Committee. Actions towards Cerrado Loop Paving.

6/3/20	**RC Meeting:** • **Agenda listed paving project** • **Minutes discussed the project**	**Funding may have been rescinded by the State**
6/15/20	**Board Meeting** · **Agenda listed RC presentation**	**Presentation by Dr. Mason regarding the Road Committee's work**
7/1/20	**VISTAS**	**Article about the RC's work included discussion of the paving project**
7/20/20	**Board Meeting** • Agenda listed County Liaison presentation • Minutes discussed the project	**Discussion of the project was primary topic of ECIA Board/County Liaison Joseph Gutierrez's presentation**
9/2/20	**RC Meeting** • **Agenda listed paving project** • **Minutes discussed the project**	**SFCPW reported to the RC that monies for the project have been committed; project should begin in September**
10/7/20	**ECIA EBlast sent describing the project**	
10/7/20	**SFC Press Release**	Describing the **project schedule**, posted on the County website & sent out via ECIA EBlast
10/7/20	**RC Meeting** • **Agenda listed paving project** • **Minutes discussed the project**	The Board liaison reported that the **community was notified via Eblast**. Additional communication regarding the project was proposed

ECIA Road Committee. Actions towards Cerrado Loop Paving.

10/12/20	**SFC Press Release**	**Describing the project schedule, posted on the County website & sent out via ECIA EBlast**
10/12/20	ECIA EBlast sent including SFC Press Release	Updated information
11/1/20	**VISTAS**	Article discussing the project
11/3/20	**ECIA EBlast sent**	**Alerted residents that SFCPW representative would attend upcoming RC meeting to discuss the Cerrado Loop paving project**
11/4/20	**RC Meeting** • Agenda listed paving project • Minutes discussed the project	**SFCPW PE Diego Gomez attending the meeting, to discuss resident questions about the project including drainage, right of way issues and grading. Residents affected by the project were present**
1/1/21	**VISTAS**	**Tidbits article update about the project**
1/6/21	RC Meeting • Agenda listed paving project	
1/14/21	**SFC Press Release**	**Describing the project schedule, posted on the County website & sent out via ECIA EBlast**
1/14/21	**ECIA EBlast sent**	**Alerted residents that SFCPW representative would attend upcoming RC meeting and discuss the Cerrado Loop paving project**
2/3/21	RC Meeting • Agenda listed paving project • Minutes discussed the project	
3/3/21	RC Meeting • Agenda listed paving project • Minutes discussed the project	

For example, item from the May 6, 2020 RC Minutes:

7. **Old Business/Open Action Items**
7.1 State grant of $500,000 for roads and hike/bike extension has already been **retracted by the State.**

7.2 Dr. Mason explained the RC's decision for recommending Cerrado Loop for the $150,000 grant for paving (see graph presented by Mr. Mason including a user ratio, "ADT/N", where N=# of homes on the road, ADT = the County's Average Daily Traffic number). After extensive discussion about all candidate roads, and based on the field visit with County Project Engineer, the RC recommended the Board approve Cerrado Loop as the one road that should have this investment. **The key criteria for the County in determining whether to pave or upgrade a road is a 20 year analysis of maintenance costs: is it lower cost to pave vs. maintain the road for 20 years.**

Assessment & Decision Making Process

THE PROCESS OF DECISION.
SELECTING CERRADO LOOP.

On **Friday April 24, 2020** the Road Committee met with Diego Gomez, P.E., Santa Fe County Public Works, Projects Engineer. **The #1 priority arising out of this meeting is the need to encumber $150,000 in State grant funding for Eldorado road improvements.** Given the current public health and economic crisis, this **funding is at high risk of being reallocated.** In order to preserve this funding, Mr. Gomez recommends **making a decision as soon as possible**, so that he can **take action before the end of April 2020** to encumber the funding and preserve it for use in Eldorado.

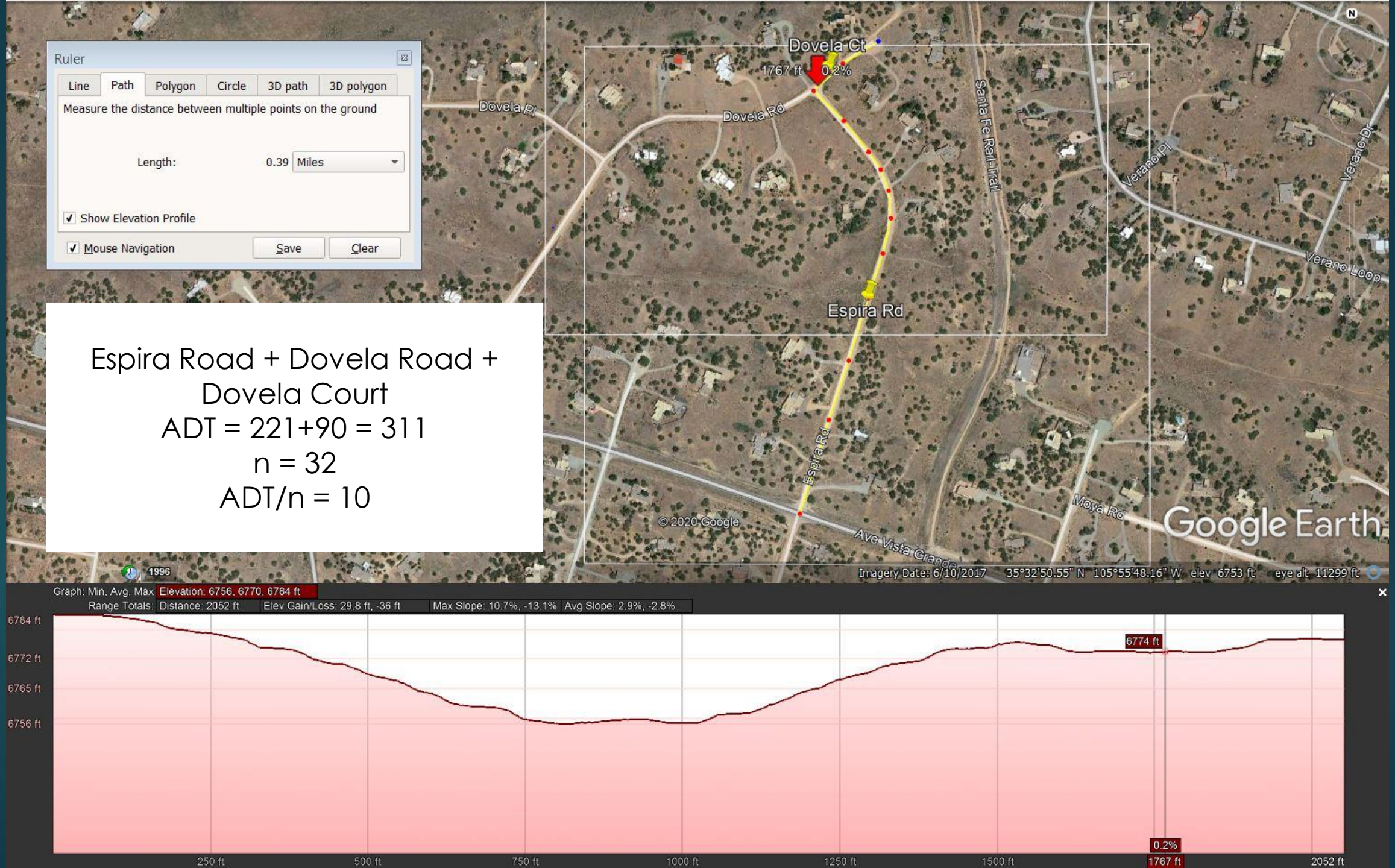
ROADS SUGGESTED BY SF COUNTY for REPAIR in ELDORADO

- CAMERADA ROAD
- CAMERADA LOOP
- ENCANTADO ROAD
- ENCANTADO CIRCLE
- **CERRADO LOOP**

ROADS SUGGESTED for REPAIR by ECIA Road COMMITTEE

- CAMERADA ROAD
- CAMERADA LOOP
- ENCANTADO ROAD
- ENCANTADO CIRCLE
- **CERRADO LOOP**
- BALSA COURT
- DOMINGO ROAD
- MIMOSA ROAD
- RAP ROADS

Road Name	Average Daily Traffic (ADT)	Number of homes along length of road	ADT / Group Total of Homes				
Camerada Road	136	20	7				
Camerada Loop		20		Cerrado rd.	8	**Cerrado Group total =**	**63**
Encantado Circle		15		Cerrado Dr.	11		
Cerrado Loop	218	39	3	Cerrado Ct.	5		
Estacada Road	109	19	6				
Mimosa Road	102	25	4	Mimosa Ct.	3	**Mimosa group total =**	**28**
Espira	221	9	10				
Dovela	90	18				**Dovela + Dovela Place + Espira group =**	**32**
Dovel Court		5					
Balsa Court		9					
Domingo Road	157	30	4	Domingo Pl.	4	**Domingo group =**	**41**
Fortuna Road	38	14		Domingo Ct	7		
Estambra Court		9					
Encantado Road	879	43	10			**Encantado + Alcalde Group =**	**88**
Encantado Court		1					
Encantado Place		7					
Alcalde Loop		9					
Alcalde Road		28					

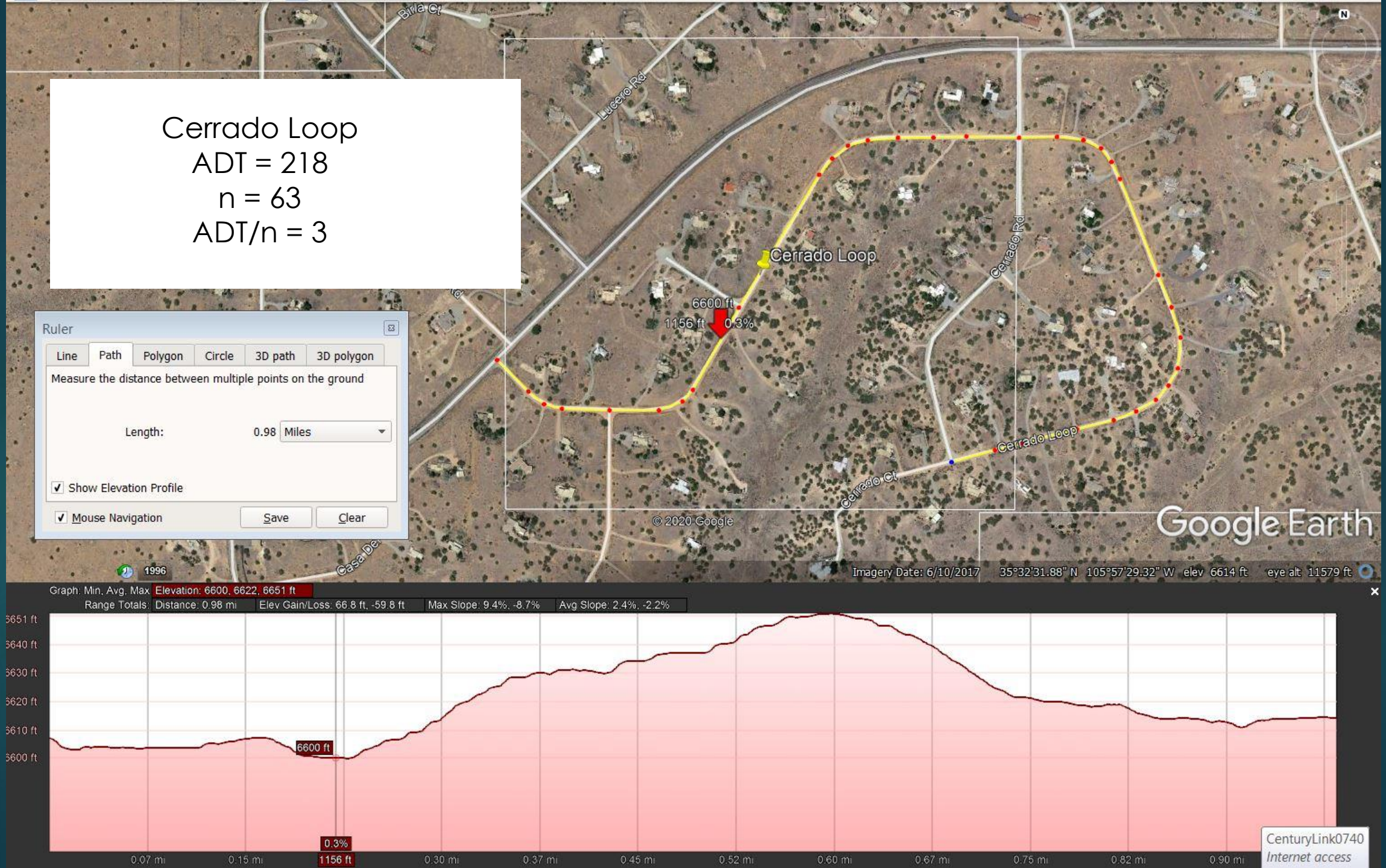


Espira Road + Dovela Road + Dovela Court

ADT = 221+90 = 311

n = 32

ADT/n = 10


Cerrado Loop
ADT = 218
n = 63
ADT/n = 3
Ruler
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3D path
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Measure the distance between multiple points on the ground
Length:
0.98
Miles
Show Elevation Profile
Mouse Navigation
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Cerrado Loop
6600 ft
1156 ft
0.3%
Cerrado Rd
Cerrado Ct
Lucero Rd
Birla Ct
© 2020 Google
Google Earth
Imagery Date: 6/10/2017
35°32'31.88" N 105°57'29.32" W elev 6614 ft
eye alt 11579 ft
Graph: Min, Avg, Max
Elevation: 6600, 6622, 6651 ft
Range Totals:
Distance: 0.98 mi
Elev Gain/Loss: 66.8 ft, -59.8 ft
Max Slope: 9.4%, -8.7%
Avg Slope: 2.4%, -2.2%
6651 ft
6640 ft
6630 ft
6620 ft
6610 ft
6600 ft
0.07 mi
0.15 mi
0.30 mi
0.37 mi
0.45 mi
0.52 mi
0.60 mi
0.67 mi
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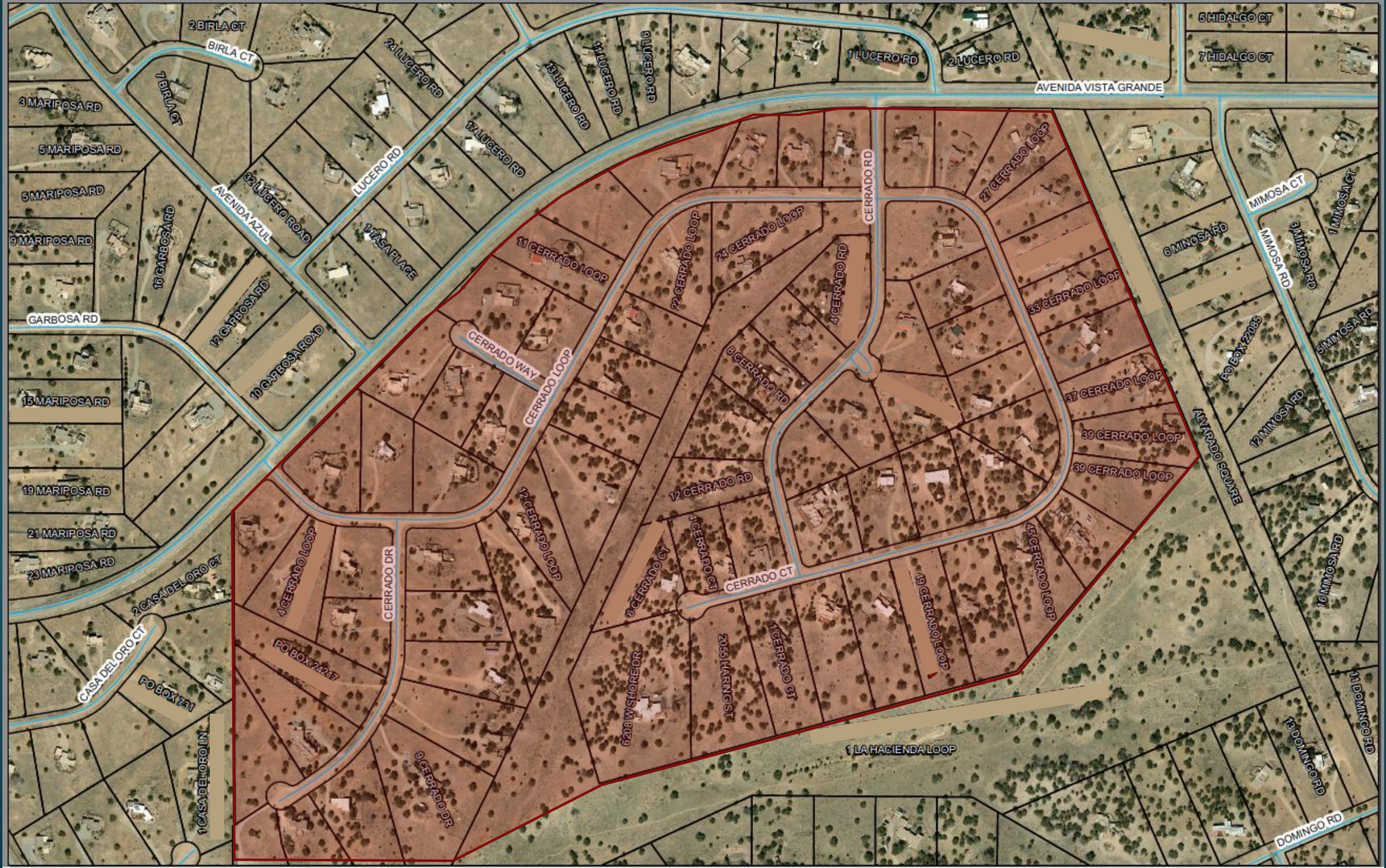
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PO BOX 22417
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2 CASA DEL ORO CT
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6408 W SHORE DR
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ALVARADO SQUARE
MIMOSA CT
1 MIMOSA CT
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MIMOSA RD
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PO BOX 22035
12 MIMOSA RD
16 MIMOSA RD
11 DOMINGO RD
13 DOMINGO RD
DOMINGO RD

Why Cerrado Loop?

- Summary: It has the second highest average daily traffic count ("ADT") in Eldorado, but it is the most "shovel-ready" (they recently graded the road and bladed the roadside ditches), enabling us to get more paving for the money than the other potential paving choice. Also, there are 63 homes that have either direct or indirect access and usage of this particular road on a daily basis. This is well above other roads that were considered for paving. That is, there is a larger distribution of funds to more people with Cerrado Loop getting paved.

Details:

The terms of the grant require it to be used for improvements, not maintenance.

Improvements means asphalt paving.

Note that in our conversations with Mr. Gomez, he was amenable to using some County maintenance funds to lay a thin layer of rock on certain roads to help with winter driving. For example: Mimosa Road along the southeasterly end. This would also be a "no cost" to Eldorado.

The amount of materials, such as culverts and base course, needed to prepare a road for paving determines the amount by length of roadway which can be paved.

The average cost of a culvert and installation is about $2000.00 each.

In other words, Eldorado will get a longer amount of paved road if it selects a road that doesn't need many culverts or other drainage structures, and does not need to be widened (which requires substantial amounts of base course) to meet the County standards for a paved road.

A key criteria for the County in deciding whether to upgrade a road to asphalt is whether the cost to pave is lower than the cost to maintain with another kind of surface over time. The analysis typically covers several decades. Cerrado Loop meets that criteria (as does Encantado Road and Loop, but it's a much bigger project). Other roads in Eldorado which have high maintenance costs have lower ADTs, so would be lower on the priority scale.

- **Cerrado Loop has a wider profile and more existing culverts, and fewer drainage problems**, to be resolved than Encantado Road. Therefore, Mr. Gomez believes he **could afford to pave all of Cerrado Loop plus the connection of Cerrado Drive to Vista Grande, just over a mile.**

- By contrast, Mr. Gomez believes that upgrading and paving all of Encantado Road would be about a $2 million project. Only about 1/8 to ¼ mile of Encantado Road could be paved with the amount of grant funding. The cost per mile increase for Encantado Road, relative to Cerrado Loop, is due to the high traffic usage, which necessitates a thicker base rock course and asphalt thickness.

THE ROAD COMMITTEE, IN CONSULTATION WITH MR. GOMEZ, RECOMMENDED THAT THE BOARD AGREE TO ALLOW THE GRANT **FUNDING TO BE USED TO PAVE CERRADO LOOP**, AND THE PORTION OF CERRADO DRIVE WHICH CONNECTS IT TO AVENIDA VISTA GRANDE.

Mr. Gomez believes that upgrading and paving all of Encantado Road would be about a $2 million project. Only about 1/8 to ¼ mile of Encantado Road could be paved with the amount of grant funding. The cost per mile increase for Encantado Road, relative to Cerrado Loop, is due to the high traffic usage, which necessitates a thicker base rock course and asphalt thickness.

Mr. Gomez has a plan to upgrade drainage on Encantado Road as part of his maintenance budget as temporary improvements until funding can be acquired to pave Encantado Road, and Encantado Loop. So selecting Cerrado Loop to be paved would not mean leaving Encantado Road without any action.

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3D polygon
Measure the distance between multiple points on the ground
Length:
1.73
Miles
Show Elevation Profile
Mouse Navigation
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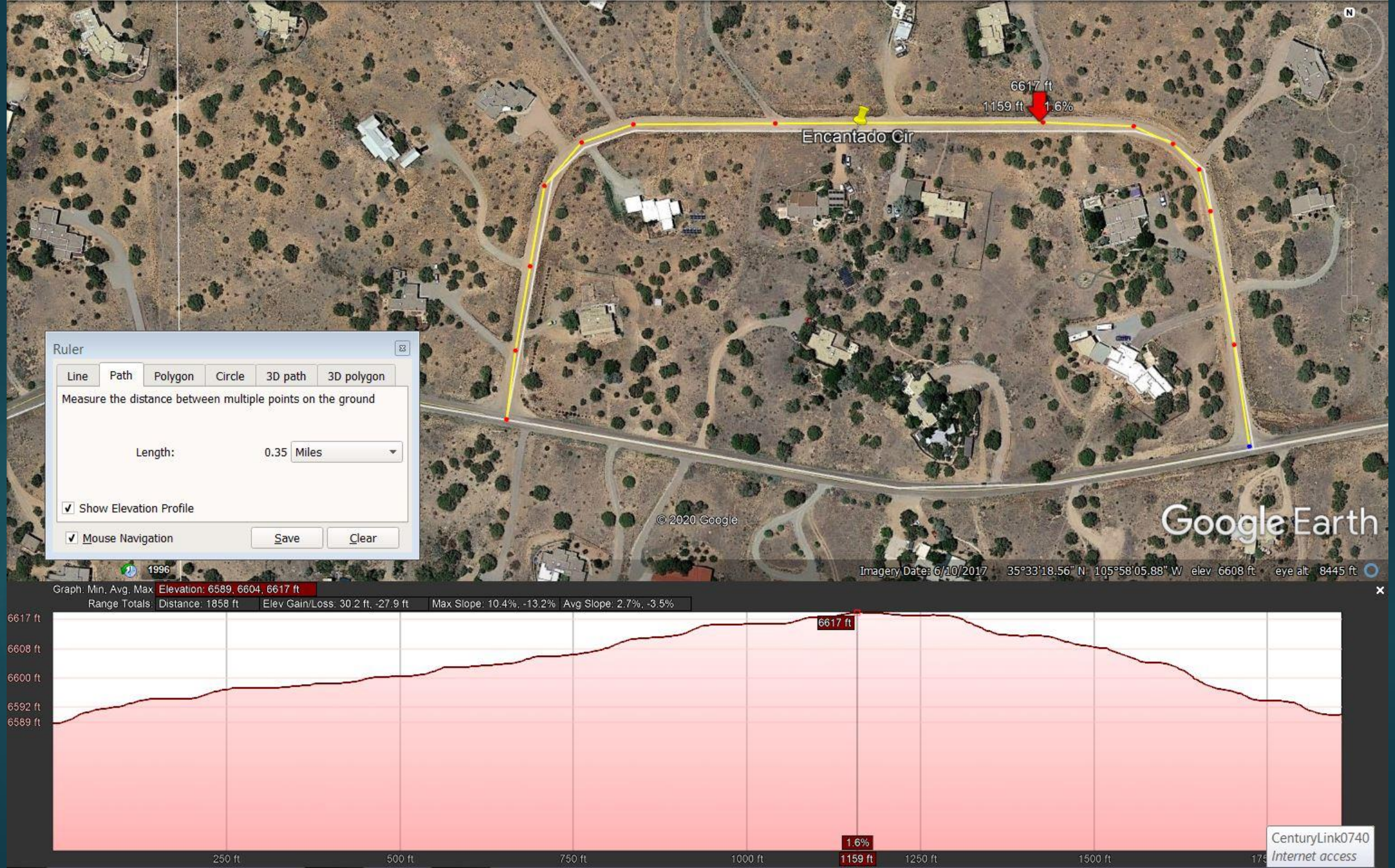
Clear
6535 ft
0.74 mi
0.9%
Encantado Loop
Encantado Cir
Le Bow Ln
Ave Azul
Azul Pl
Azul Loop
© 2020 Google
Google Earth
1996
Imagery Date: 6/10/2017 35°33'22.09" N 105°58'24.72" W elev 6576 ft eye alt 12147 ft
Graph: Min, Avg, Max
Elevation: 6535, 6588, 6630 ft
Range Totals:
Distance: 1.73 mi
Elev Gain/Loss: 131 ft, -106 ft
Max Slope: 11.0%, -7.9%
Avg Slope: 2.3%, -2.5%
6630 ft
6600 ft
6575 ft
6550 ft
6535 ft
6535 ft
0.9%
0.25 mi
0.5 mi
0.74 mi
1 mi
1.25 mi
1.5 mi
1.73 mi


6617 ft
1159 ft 1.6%
Encantado Cir
Ruler
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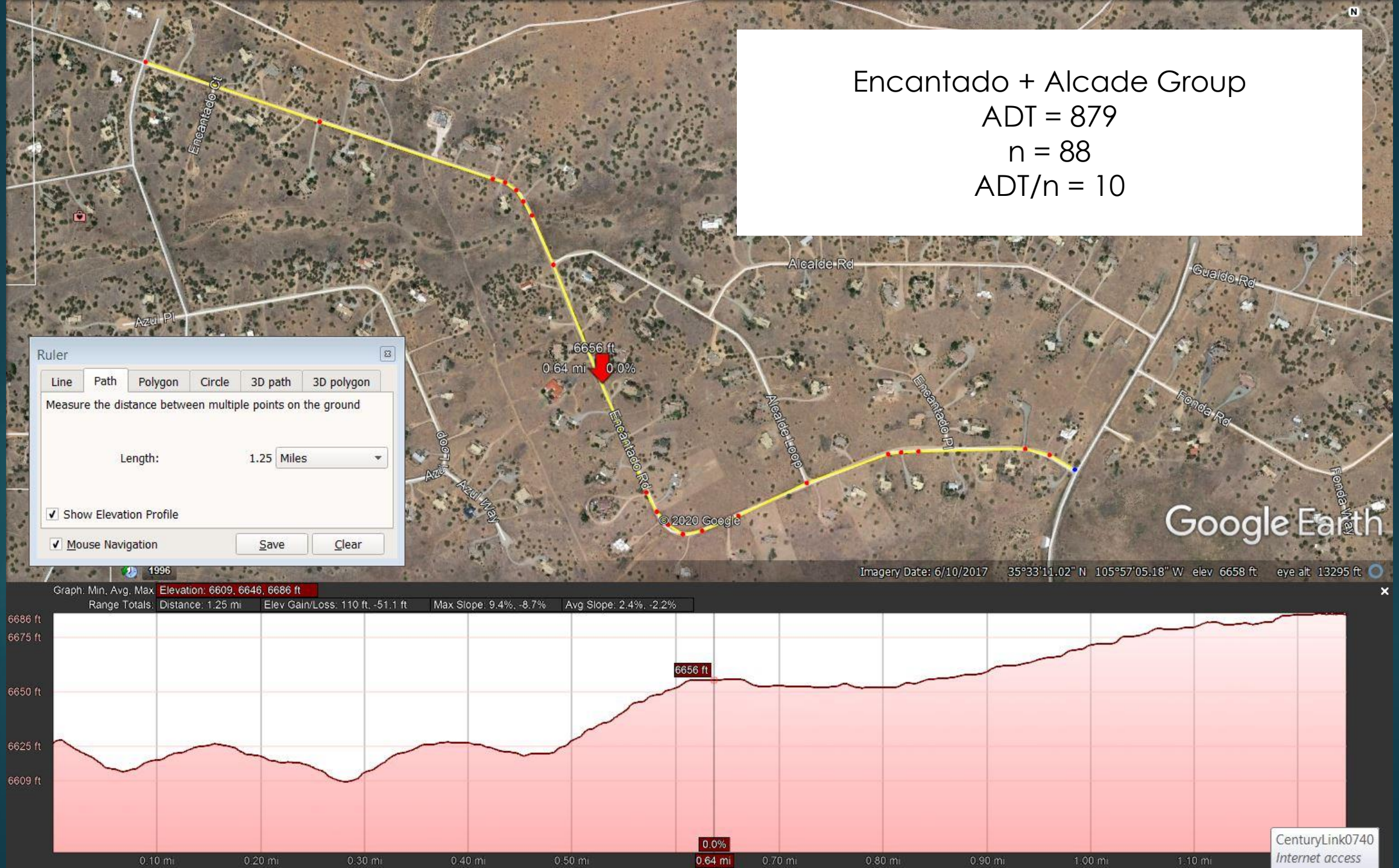
3D path
3D polygon
Measure the distance between multiple points on the ground
Length:
0.35
Miles
Show Elevation Profile
Mouse Navigation
Save
Clear
© 2020 Google
Google Earth
1996
Imagery Date: 6/10/2017 35°33'18.56" N 105°58'05.88" W elev 6608 ft eye alt 8445 ft
Graph: Min, Avg, Max Elevation: 6589, 6604, 6617 ft
Range Totals: Distance: 1858 ft Elev Gain/Loss: 30.2 ft, -27.9 ft Max Slope: 10.4%, -13.2% Avg Slope: 2.7%, -3.5%
6617 ft
6608 ft
6600 ft
6592 ft
6589 ft
6617 ft
1.6%
250 ft
500 ft
750 ft
1000 ft
1159 ft
1250 ft
1500 ft
CenturyLink0740
Internet access



Encantado + Alcade Group
ADT = 879
n = 88
ADT/n = 10