

SPEED ZONE SURVEY

WHITE ROCK ROAD

(No.34)

From Latrobe Road (No.18) to Valley View Parkway (pvt), Valley View Parkway (pvt) to Silva Valley Parkway (No. 2347)

Reviewed by the Traff	Tic Advisory Committee on	JUL 18 2018.
	PPROVED STAFF'S RECOMMEN EQUESTED FURTHER ACTION.	NDATION.
Action:	APPROVED	

DEPARTMENT OF TRANSPORTATION

ENGINEERING AND TRAFFIC SURVEY

Location: White Rock Road (No. 34) From Latrobe Road (No. 18) to Valley View

Parkway (pvt), and then Valley View Parkway (pvt) to Silva Valley Parkway

(No. 2347)

Subject: Speed Zone Survey Update

Date: May 16, 2018

REQUEST REFERENCE:

It is the intent of this study to provide an update to the speed zone survey approved by the Traffic Advisory Committee in October of 2014. For continued radar enforcement, the *California Vehicle Code*, Section 40802, requires that an "Engineering and Traffic Survey" be completed every five (5) years where enforcement involves the use of radar or other electronic devices that measure the speed of moving objects.

The scope of this study is limited to determining if the posted speed limits are in compliance with provisions of the *California Vehicle Code* governing radar enforced speed zones. There are currently two (2) speed zones on White Rock Road between Latrobe Road and Silva Valley Parkway which is as follows:

- "(ep) White Rock Road (No. 34) forty-five (45) miles per hour from Latrobe Road (No. 18) east to Valley View Parkway."
- "(fc) White Rock Road (No. 34) fifty-five (55) miles per hour from Valley View Parkway to Silva Valley Parkway (No. 2347)."

GENERAL PHYSICAL CONDITIONS:

The study portion of White Rock Road exhibits the following characteristics:

Functional Classification: Minor Arterial Road

Total Length: 2.22 miles (1.09 miles in study area)

Study Limits: Latrobe Road to Valley View Parkway/Vine Street

Alignment: Straight

Grade: Level to moderate grades

Surface: Asphalt surface

Striping: Varies Double yellow centerline, turn pockets, double left turn lanes,

and bike lane striping

Shoulders: Varied with concrete curb and gutter with sidewalk, concrete curb and

gutter, paved, dirt and gravel shoulders that vary in width

Speed Limit: Posted 45 MPH radar enforced (Latrobe Road to Valley View Pky)

Posted 55 MPH radar enforced (Valley View Pky to Silva Valley Pky)

Lanes: Four (4) 12 ft. lanes from Latrobe Rd to 340' e/b

Two (2) 12 ft. lanes with turn pockets to Valley View Parkway/Vine

Street

White Rock Road is classified as a Minor Arterial road by the California Road System (CRS) maps. The adjacent land use is primarily commercial with one (1) residential subdivision accessed from Monte Verde Drive and one mobile home park that is accessed from two (2) private roadway encroachments. There are three (3) signalized intersections within the study area; Latrobe Road, Post Street, and Valley View Parkway/Vine Street all having crosswalks with signalization. There is three (3) county maintained roads (Monte Verde Drive, Old White Rock Road, and Carson Crossing) and three (3) private roads (Post Street, Vine Street, and Valley View Parkway), and several private encroachments into commercial businesses and two encroachments accessing the mobile home park within the study area.

There has been one relatively appreciable change to the roadway at the study area limit where White Rock Road joins Silva Valley Parkway. The Silva Valley interchange with US Hwy 50 and realigned Old White Rock Road and Carson Crossing was constructed and completed in late 2016. The project also installed on and off ramps for East and Westbound US Hwy 50 (within the Silva Valley Parkway section).

RECORD DATA:

White Rock Road has two (2) speed zones sanctioned by Resolution No. 055-2005, which states:

"(ep) White Rock Road (No. 34) forty-five (45) miles per hour from Latrobe Road (No. 18) east to Valley View Parkway."

"(fc) White Rock Road (No. 34) fifty-five (55) miles per hour from Valley View Parkway to Silva Valley Parkway (No. 2347)."

EXISTING 45 MPH SPEED ZONE FROM MILEPOST 1.13 TO MILEPOST 1.58:

A review of the average daily traffic (ADT) volume counts, which was conducted by El Dorado County Department of Transportation in December 2017, disclosed the following ADT volume for White Rock Road:

DATE	MILEPOST	SITE	ADT
DECEMBER 2017	1.15	100 ft E/O Latrobe Rd	15,481
AVERAGE DAILY TRA	FFIC VOLUME		15,481

The traffic counts utilized in the 2014 "Engineering and Traffic Survey" within this study section were conducted by the El Dorado County Department of Transportation and have been provided for comparison purposes. The following counts were recorded:

DATE	MILEPOST	SITE	ADT
DECEMBER 2013	1.15	100 ft E/O Latrobe Rd	10,504
AVERAGE DAILY TRA	FFIC VOLUME		10,504

A review of the accident data provided by the California Highway Patrol for a three (3) year period from January 1, 2015 through December 31, 2017, disclosed a total of Twenty-three (23) reported accidents for White Rock Road from milepost 1.13 to milepost 1.58:

Summary of accident data for White Rock Road from 1/1/15 to 12/31/17					
Milepost 1.13 to 1.58					
Accident Rate	1.36 Accidents per Million Entering Vehicles (Acc./MEV)				
County wide Benchmark Accident Rate	1.00 Acc./MEV				
Number of Reported Accidents	Twenty-three (23)				
Three Year Injury Total	Eleven (11)				
Three Year Fatality Total	Zero (0)				
Average Daily Traffic Volume	15,481 vehicles				
Conclusions from CHP Reports	5 Head On Accident resulting in two (2) injuries and no fatalities 3 Sideswipe Accident resulting in no injuries and no fatalities 10 Rearend Accidents resulting in four (4) injuries and no fatalities 4 Broadside Accidents resulting in five (5) injuries and no fatalities 1 Motorcycle Accident resulting in no injuries and no fatalities				

The accident rate indicated in the table above, 1.36 Accidents per Million Entering Vehicles (Acc./ M.E.V.), is higher than the countywide benchmark rate of 1.00 Acc./M.E.V. normally experienced along similar roadways.

The following table shows a portion of the speed survey results from the 2014 study which is provided for comparison purposes.

Summary of accident data for White Rock Road from 1/1/11 to 12/31/13				
Milepost 1.13 to 1.58				
Accident Rate	0.96 Accidents per Million Entering Vehicles (Acc./MEV)			
County wide Benchmark Accident Rate	1.00 Acc./MVM			
Number of Reported Accidents	Eleven (11)			
Three Year Injury Total	Three (3)			
Three Year Fatality Total	Zero (0)			
Average Daily Traffic Volume	10,504 vehicles			
Conclusions from CHP Reports	2 Sideswipe Accident resulting in one (1) injury and no fatalities 3 Rearend Accidents resulting in four (4) injuries and no fatalities 5 Broadside Accidents resulting in two (2) injuries and no fatalities 1 Pedestrian Accident resulting in no injuries and no fatalities			

EXISTING 55 MPH SPEED ZONE FROM MILEPOST 1.59 TO MILEPOST 2.22:

A review of the average daily traffic (ADT) volume counts, which was conducted by El Dorado County Department of Transportation in September 2017, disclosed the following ADT volume for White Rock Road:

DATE	MILEPOST	SITE	ADT
SEPTEMBER 2017	2.08	100 ft S/O Silva Valley Pky	16,713
AVERAGE DAILY TRA	FFIC VOLUME		16,713

The traffic counts utilized in the 2010 "Engineering and Traffic Survey" within this study section were conducted by the El Dorado County Department of Transportation and have been provided for comparison purposes. The following counts were recorded:

DATE	MILEPOST	SITE	ADT
DECEMBER 2009	2.08	100 ft S/O Silva Valley Pky	9,248
AVERAGE DAILY TRA	FFIC VOLUME		9,248

A review of the accident data provided by the California Highway Patrol for a three (3) year period from January 1, 2015 through December 31, 2017, disclosed a total of Six (6) reported accidents for White Rock Road from milepost 1.59 to milepost 2.22:

Summary of accident data for White Rock Road from 1/1/15 to 12/31/17				
Milepost 1.59 to 2.22				
Accident Rate	0.33 Accidents per Million Entering Vehicles (Acc./MEV)			
County wide Benchmark Accident Rate	1.00 Acc./MEV			
Number of Reported Accidents	Six (6)			
Three Year Injury Total	Two (2)			
Three Year Fatality Total	Zero (0)			
Average Daily Traffic Volume	16,713 vehicles			
Conclusions from CHP Reports	3 Rearend Accidents resulting in one (1) injuries and no fatalities 3 Hit Object Accidents resulting in one (1) injuries and no fatalities			

The following table shows a portion of the speed survey results from the 2013 study which is provided for comparison purposes. The mileposts are from the prior alignment of White Rock Road.

Summary of accident data for White Rock Road from 1/1/07 to 12/31/09				
Milepost 1.58 to 2.10				
Accident Rate	1.38 Accidents per Million Entering Vehicles (Acc./MEV)			
County wide Benchmark Accident Rate	1.00 Acc./MEV			
Number of Reported Accidents	Fourteen (14)			
Three Year Injury Total	Twelve (12)			
Three Year Fatality Total	Zero (0)			
Average Daily Traffic Volume	9,248 vehicles			
Conclusions from CHP Reports	1 Rearend Accidents resulting in one (1) injuries and no fatalities 2 Hit Object Accidents resulting in one (1) injuries and no fatalities			

The accident rate indicated in the table above, 0.33 Accidents per Million Entering Vehicles (Acc./ M.E.V.), is lower than the countywide benchmark rate of 1.00 Acc./M.E.V. normally experienced along similar roadways.

The California Vehicle Code, Section 22358, allows local authorities to establish speed limits based on an "Engineering and Traffic Survey". The Vehicle Code goes on, in Section 40801 to prohibit the use of "speed traps" for the purpose of speed enforcement and, in Section 40802, defines "speed trap". Section 40802 also indicates that an "Engineering and Traffic Survey" is required where speed enforcement involves the use of radar and establishes the frequency with which surveys must be conducted for continued radar enforcement. In order to comply with the provisions of the Vehicle Code, and insure that radar enforced speed zones are based on recent data, County of El Dorado has established a practice of conducting engineering and traffic survey updates based on a cycle length of five (5) years or less.

In Section 627 the Vehicle Code provides a definition for "Engineering and Traffic Survey", and states that an "Engineering and Traffic Survey" shall include:

- 1. Prevailing speeds as determined by traffic engineering measurements.
- 2. Accident records.
- 3. Highway, traffic, and roadside conditions not readily apparent to the driver.

In addition, the 2001 edition of the Vehicle Code added that residential density, pedestrian, and bicycle safety may be considered.

While the California Vehicle Code is silent regarding the relationship of the 85th percentile speed to the posted speed, the California Manual on Uniform Traffic Control Devices (CAMUTCD), Section 2B.13, "Speed Limit Sign", "Engineering and Traffic Survey", states in part:

"When a speed limit is to be posted, it shall be established at the nearest 5mph increment of the 85th percentile speed of free-flowing traffic, . . . [except] the posted speed may be reduced by 5 mph from the nearest 5 mph increment of the 85th percentile speed . . ."

Section 2B.13 further states in part:

"If the speed limit to be posted has had the 5 mph reduction applied, then an E&TS shall document in writing the conditions and justification for the lower speed limit and be approved by a registered Civil or Traffic Engineer. The reasons for the lower speed limit shall be in compliance with CVC Sections 627 and 22358.5.

Support:

An example of the application of this speed limit criterion is as follows:

- If the 85th percentile speed in a speed survey was 37 mph, then the speed limit would be posted at 35 mph or optionally reduced to 30 mph. However,
- If the 85th percentile speed in a speed survey was 38 mph, then the speed limit would be posted at 40 mph or optionally reduced to 35 mph.

For guidance, when considering an additional reduction in the speed limit, Section 2B.13 provides in part:

"Other factors that may be considered when establishing speed limits are the following:

- A. Road characteristics, shoulder condition, grade, alignment, and sight distance;
- B. The pace speed;
- C. Roadside development and environment;
- D. Parking practices and pedestrian activity; and
- E. Reported crash experience for at least a 12-month period."

The following caution is also provided:

"The establishment of a speed limit of more than 5 mph below the 85th percentile speed should be done with great care as studies have shown that establishing a speed limit at

less than the 85th percentile generally results in an increase in collision rates; in addition, this may make violators of a disproportionate number of the reasonable majority of drivers."

If there is no posted speed limit present on a road, the speed is controlled by Section 22350 "Basic Speed Law" of the California Vehicle Code, which states:

"No person shall drive a vehicle upon a highway at a speed greater than is reasonable or prudent having due regard for weather, visibility, the traffic on, and the surface and width of, the highway, and in no event at a speed which endangers the safety of persons or property."

Section 22352(a)(2)(A), of the California Vehicle Code establishes a prima facie 25 mile per hour speed limit on any highway within a "Residence District".

In defining a "Residence District", Section 515 of the California Vehicle Code states:

"A "Residence District" is that portion of a highway and the property contiguous thereto, other than a business district, (a) upon one side of which highway, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 13 or more separate dwelling houses or business structures, or (b) upon both sides of which highway, collectively, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 16 or more separate dwelling houses or business structures. A residence district may be longer than one-quarter of a mile if the above ratio of separate dwelling houses or business structures to the length of the highway exists."

In defining a "Business District", Section 235 of the California Vehicle Code states:

"A "business district" is that portion of a highway and the property contiguous thereto (a) upon one side of which highway, for a distance of 600 feet, 50 percent or more of the contiguous property fronting thereon is occupied by buildings in use for business, or (b) upon both sides of which highway, collectively, for a distance of 300 feet, 50 percent or more of the contiguous property fronting thereon is so occupied. A business district may be longer than the distances specified in this section if the above ratio of buildings in use for business to the length of the highway exists."

For the type and location of the various signs present along White Rock Road please see attached "SIGN INVENTORY PRINTOUT" sheets.

FIELD REVIEW AND OBSERVATION:

Two (2) radar speed surveys were conducted by El Dorado County Department of Transportation on White Rock Road in March 2018, (see-attached sheets). The following table reflects the results of those surveys:

EXISTING 45 MPH SPEED ZONE FROM MILEPOST 1.13 TO MILEPOST 1.58:

2018 SITE LOCATION	MILE POST	SPEED LIMIT	85% SPEED	10 MPH PACE	% IN PACE SPEED
200 feet E/O Monte Verde Drive	1.36	45 mph	45 mph	37-46 mph	83.8 %

The following table shows a portion of the speed survey results from the 2013 study which is provided for comparison purposes.

2014 SITE LOCATION	MILE POST	SPEED LIMIT	85% SPEED	10 MPH PACE	% IN PACE SPEED
E/O Monte Verde Drive	1.36	45 mph	44 mph	35-44 mph	81.0 %

Staff observed eight (8) pedestrians and two (2) cyclists along White Rock Road within the study area during the field review that lasted approximately 1.5 hours.

EXISTING 55 MPH SPEED ZONE FROM MILEPOST 1.59 TO MILEPOST 2.22:

2018 SITE LOCATION	MILE POST	SPEED LIMIT	85% SPEED	10 MPH PACE	% IN PACE SPEED
1200 feet N/O Valley View Pky	1.80	55 mph	53 mph	45-54 mph	82.7 %

The following table shows a portion of the speed survey results from the 2013 study which is provided for comparison purposes.

2012 SITE LOCATION	MILE POST	SPEED LIMIT	85% SPEED	10 MPH PACE	% IN PACE SPEED
400 ft N/O White Rock Rd	0.08	55 mph	55 mph	45-54 mph	77.0 %

Staff observed two (2) pedestrians and three (3) cyclists along White Rock Road within the study area during the field review that lasted approximately 1.0 hour.

No portion of White Rock Road currently meets the minimum housing density requirements, or concentration of businesses necessary to qualify for a 25 mile per hour *prime facie* Residence District or Business District speed limit as defined in the *California Vehicle Code*.

CONTACTS:

Shane Cohen – El Dorado County Signal Technician.

FINDINGS AND CONCLUSIONS:

White Rock Road (No. 34) From Latrobe Road (No.18) to Valley View Parkway (pvt) has been found to have the following (MP 1.13 to 1.58):

- 85th percentile speed of 45 mile per hour throughout the study section.
- An average daily traffic of 15,481 vehicles per day.
- Roadway is relatively straight with moderate grades.
- There were Twenty-three (23) accidents reported on White Rock Road from MP 1.13 to 1.58 for the three (3) year period from January 1, 2015, through December 31, 2017 with an accident rate of 1.36 Accidents per Million Entering Vehicles. This is higher than the county benchmark accident rate of 1.00 Accidents per Million Entering Vehicles.
- Eight (8) pedestrians and two (2) cyclists were observed on White Rock Road during the site review.

White Rock Road (No. 34) From Valley View Parkway (pvt) to Silva Valley Parkway (No. 2347) has been found to have the following (MP 1.59 to 2.22):

- 85th percentile speed of 53 mile per hour throughout the study section.
- An average daily traffic of 16,713 vehicles per day.
- Roadway is relatively straight with moderate grades.
- There were Six (6) accidents reported on White Rock Road from MP 1.59 to 2.22 for the three (3) year period from January 1, 2015, through December 31, 2017 with an accident rate of 0.33 Accidents per Million Entering Vehicles. This is lower than the county benchmark accident rate of 1.00 Accidents per Million Entering Vehicles.
- Two (2) pedestrians and three (3) cyclists were observed on White Rock Road during the site review.

85th Percentile Speeds:

Section 2B.13 of the California Manual on Uniform Traffic Control Devices (CAMUTCD) provides criteria for establishing speed limits. The CAMUTCD provides that: "Speed limits set at or near the 85th percentile speed provide law enforcement officers with a limit to cite drivers who will not conform to what the majority considers reasonable and prudent."

In accordance with those provisions, a radar enforced speed limit of 45 miles per hour is indicated and may be retained on White Rock Road from Latrobe Road to Valley View Parkway/Vine Street. A radar enforced speed limit of 55 miles per hour is indicated and may be retained on White Rock Road from Valley View Parkway to Silva Valley Parkway.

DISCUSSION:

White Rock Road (No. 34) From Latrobe Road (No.18) to Valley View Parkway (pvt) has been found to have the following (MP 1.13 to 1.58):

The section of roadway between Latrobe Road and Valley View Parkway is urban with access to numerous commercial businesses, one (1) subdivision and one (1) mobile home park. There are pedestrians with sidewalks present and bicycle movements along the roadside. Based on the results of the speed surveys and the requirements of the California Vehicle Code for the establishment of radar enforced speed zones, the existing speed limit is within the guidelines that can be established on White Rock Road for continued radar enforcement is 45 miles per hour.

Based on the evidence presented in this study, it is concluded that the existing 45 mile per hour speed limit on White Rock Road is appropriate and is in conformance with the provisions of the *California Vehicle Code*. It is therefore concluded that the radar enforced speed limit that can be retained for White Rock Road at 45 miles per hour from Latrobe Road to Valley View Parkway/Vine Street.

White Rock Road (No. 34) From Valley View Parkway (pvt) to Silva Valley Parkway (No. 2347) has been found to have the following (MP 1.59 to 2.22):

The section of roadway between Valley View Parkway and Silva Valley Parkway is urban with access to US Hwy 50 and a local bike path. There are pedestrians and bicycle movements along the roadside without pedestrian connectivity to sidewalks and/or the bike path. Based on the results of the speed surveys and the requirements of the California Vehicle Code for the establishment of radar enforced speed zones, engineering judgment indicates the need for a further reduction of five (5) miles per hour to 50 miles per hour.

It is therefore concluded, that the lowest applicable radar enforced speed limit that can be recommended for White Rock Road which starts from the point at Valley View Parkway (MP 1.58) to Silva Valley Parkway/US Hwy 50 Eastbound on/off ramp (MP 2.22) is 50 miles per hour.

RECOMMENDATION

Based on the findings of this investigation, it is recommended that:

- 1. The Traffic Advisory Committee approve retaining the following speed limit on White Rock Road:
 - "(ep) White Rock Road (No. 34) forty-five (45) miles per hour from Latrobe Road (No. 18) east to Valley View Parkway."

- 2. The Traffic Advisory Committee replace the following speed limit on White Rock Road:
 - "(fc) White Rock Road (No. 34) fifty five (55) miles per hour from Valley View Parkway to Silva Valley Parkway (No. 2347)."

Replace with the following:

- "(fd) White Rock Road (No. 34) fifty-five (50) miles per hour from Valley View Parkway to Silva Valley Parkway (No. 2347)."
- 3. Request that the California Highway Patrol continue radar enforcement on White Rock Road.

Prepared by:

Jim Hunnicutt

Senior Engineering Technician

Rafael Martinez, Director

Community Development Services Department of Transportation

Attachments: Vicinity Map (1 page)

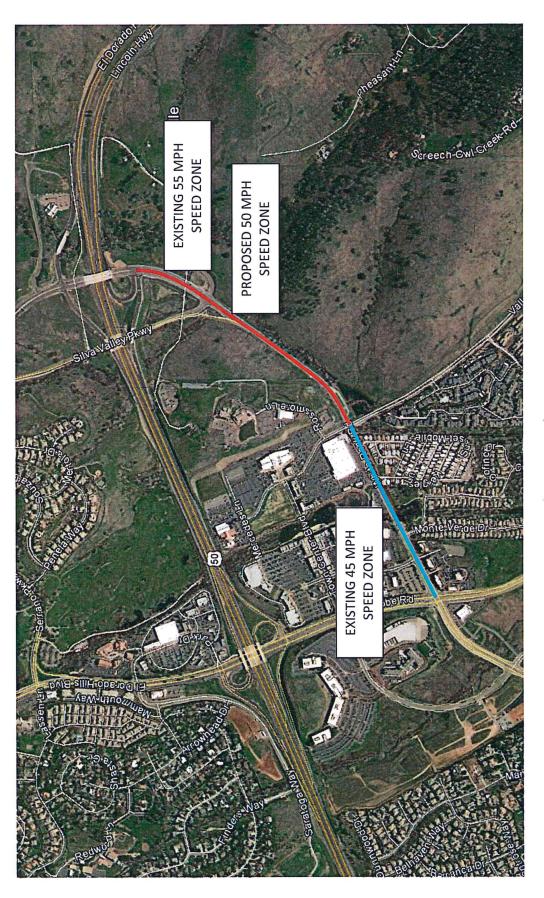
Vicinity Photo (2 pages)

Copy of Resolution No. 055-2005 (2 pages) Copy of Resolution No. 025-2006 (2 pages)

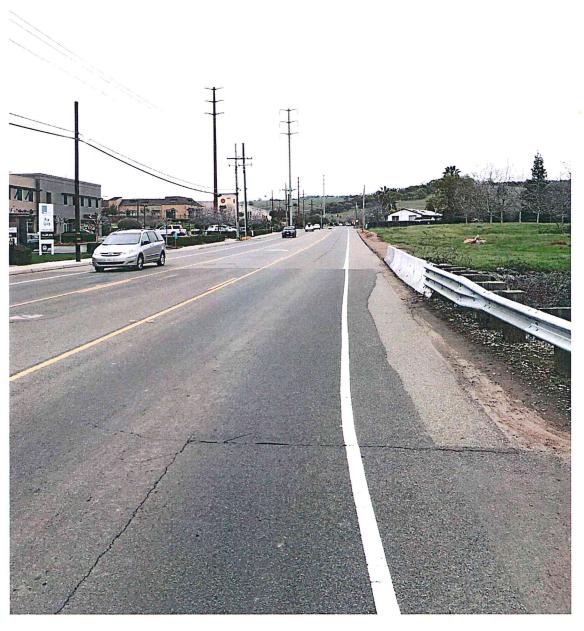
Sign Inventory (1 page)

Traffic Volume Counts (2 pages) Accident Summary (8 pages) Speed Survey (2 pages)

White Rock Road Vicinity Map

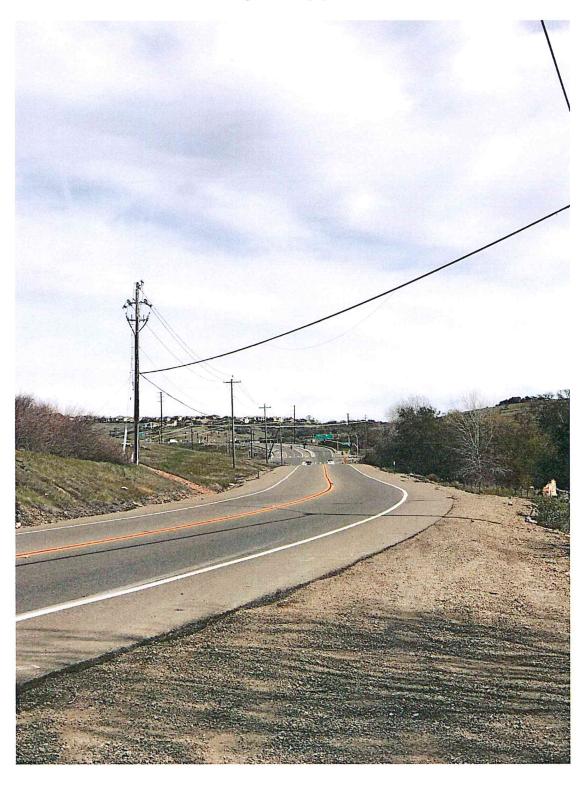


WHITE ROCK RD MP 1.36 NORTHBOUND



April 2018

WHITE ROCK RD MP 1.80 NORTHBOUND



April 2018



RESOLUTION NO. 055-2005

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF EL DORADO

Resolution to

BE IT RESOLVED that Resolution No. 247-81, which establishes speed restrictions pursuant to Section 10.80.020 of the El Dorado County Ordinance Code, is amended as follows:

DELETE:

"(cg) Country Club Drive (No. 198) thirty-five (35) miles per hour from Cambridge Road (No. 306) westerly to a point 1,575 feet west of El Norte Road (No. 561)."

"(ay) Marshall Road (No. 76) thirty-five (35) miles per hour from a point one half mile west of Garden Valley Road (No. 43) to a point one-quarter mile east of Black Oak Mine Road (No. 59)."

"(ab) Mother Lode Drive (No. 240) forty-five (45) miles per hour from its intersection with South Shingle Road (No. 17) easterly to a point 600 feet east of the intersection with Road No. 171A."

"(an) Ponderosa Road (No. 5) thirty-five (35) miles per hour from its intersection with North Shingle Road (No. 6) to the a point 100 feet north of Jackpine Road (No. 1090)."

ADD:

"(ep) White Rock Road (No. 34) forty-five (45) miles per hour from Latrobe Road (No. 18) east to Valley View Parkway."

"(cg) Country Club Drive (No. 198) thirty-five (35) miles per hour from Cambridge Road (No. 306) to a point 500 feet west of El Norte Road (No. 561) and proceeding west forty-five (45) miles per hour to a point 1,500 feet west of Tierra de Dios Drive (No. 562)."

"(ay) Marshall Road (No. 76) forty (40) miles per hour from a point 1,000 feet south of Garden Valley Road to a point 850 feet south of Black Oak Mine Road (No. 59) and twenty-five (25) miles per hour from a point 850 feet south of Black Oak Mine Road (No. 59) to a point one quarter mile north of Black Oak Mine Road (No. 59)."

"(ab) Mother Lode Drive (No. 240) thirty-five (35) miles per hour from South Shingle Road (No. 17) easterly for a distance of 0.35 of a mile, and forty-five (45) miles per hour easterly to a point 700 feet east of North Star Drive (No. 2753), and fifty (50) miles per hour easterly to a point 600 feet east of the westerly intersection of Buckeye Road (No. 171)."

El Dorado County Resolution
Sanction Speed Limit on White Rock Road and Revise Speed Limits on Country Club Drive, Marshall Road, Mother Lode Drive, and Ponderosa Road
Meeting Date of March 15, 2005
Page 2 of 2

"(an) Ponderosa Road (No. 5) forty (40) miles per hour from its intersection with North Shingle Road (No. 6) to the a point 475 feet south of Mineshaft Road (No. 1119) and from that point proceeding north, thirty-five (35) miles per hour to a point 100 feet north of Jackpine Road (No. 1090)."

PASSED AND ADOPTED by the Board of Supervisors	of the County of El Dorado at a regular meeting of said
Board, held on the 15th day of March	, 2005, by the following vote of said Board:
ATTEST CINDY KECK Clerk of the Board of Supervisors By Att Deputy Clerk I CERTIFY THAT: THE FOREGOING INSTRUMENT IS A CORRECT COPY OF THE STRUMENT IS A CORRECT COPY OF THE ST	Ayes: Supervisors: Dupray, Baumann, Sweeney Paine, Solaro Noes: None Absent: None Chairman, Board of Supervisors Chairman, Board of Supervisors F THE ORIGINAL ON FILE IN THIS OFFICE.
ATTEST: CINDY KECK, Clerk of the Board of Superviso	rs of the County of El Dorado, State of California
_	•
Ву	
Deputy Clerk	



RESOLUTION NO. 025-2006

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF EL DORADO

Resolution of

BE IT FURTHER RESOLVED that that Resolution No. 247-81, which establishes speed restrictions pursuant to Section 10.08.020 of the El Dorado County Ordinance Code, is amended as follows:

DELETE:

"(ba) North Shingle Road (No. 6) fifty (50) files per hour form Ponderosa Road (No. 5) to 3,000 feet south of Green Valley Road (No. 2)."

"(dy) Marshall Road (No. 76) fifty (50) miles per hour beginning at State Route 49 and proceeding easterly or a distance of 0.75 mile."

"(ah) Pleasant Valley road (No. 77) forty-five (45) miles per hour from a point 0.19 mile east of Bucks Bar Road (No. 99) to a point 0.50 mile west of Mt Aukum Road (No. 78)"

ADD:

"(ev) North Shingle Road (No. 6) fifty (50) miles per hour from Ponderosa Road (No. 5) to 1,500 feet south of Green Valley Road (No. 2)."

"(ex) North Shingle Road (No. 6) forty-five (45) miles per hour from a point 1,500 feet south of Green Valley Road (No. 2) northerly to its intersection with Green Valley Road (No. 2)."

"(ey) Green Valley Road (No. 2) forty-five (45) miles per hour from intersection with North Shingle Road (No. 6) to the intersection with Lotus Road (No. 21)."

"(ez) Lotus Road (No. 21) forty-five (45) miles per hour from intersection with Green Valley Road (No. 2) northerly to a pointy approximately 1,500 feet."

"(fa) Pleasant Valley Road (No. 77) fifty (50) miles per hour from a point 0.19 of a mile east of Bucks Bar Road (No. 99) to a point 0.50 of a mile west of Mt Aukum Road (No. 78)."

"(fb) Silva Valley Parkway (No. 2347) fifty-five (55) miles per hour from White Rock Road (No. 34) for a distance of 0.43 of a mile, thence forty-five (45) miles per hour northerly to its intersection with Serrano Parkway (No. 2344)."

"(fc) White Rock Road (No. 34) fifty-five (55) miles per hour from Valley View Parkway to Silva Valley Parkway (No. 2347)."

PASSED AND ADOPTED by the Board of Supervisors Board, held on the 24 day of JANUARY	s of the County of El Dorado at a regular meeting of said , 2006, by the following vote of said Board:
ATTEST CINDY KECK Clerk of the Board of Supervisors By Deputy Clerk I CERTIFY THAT: THE FOREGOING INSTRUMENT IS A CORRECT COFT DATE ATTEST: CINDY KECK, Clerk of the Board of Supervisors By Deputy Clerk	

Sign Inventory for: WHITE ROCK RD

02-May-18 Beginning at Mile Post- 1.13 and Ending at Mile Post- 2.22

2-May-18	Degin	ining at N	, and	COSC	1.10	and Ending at	. Ivine I obt			
Old Sign Code	2010 CA Sign Code	Location	(Dir		Cross Street	Mile Post	Side	Fac	Date
	D3	50	ft	E	of	LATROBE RD	1.170	M	W	5/28/2010
	R73-5	50	ft	E	of	LATROBE RD	1.170	M	W	5/28/2010
	R81 (CA)	75	ft	E	of	LATROBE RD	1.175	S	W	2/3/201
W41	W3-3	408	ft	E	of	LATROBE RD	1.210	N	E	2/27/201
W74	W4-7	452	ft	E	of	LATROBE RD	1.220	N	E	3/1/200
SN	SN (E)	0	ft	W	of	POST ST	1.240	NW	A	2/6/199
R81	R81 (CA)	6,800	ft	w	of	SILVA VALLEY PW	1.260	W	N	3/16/200
R81B	R81B (CA)	6,800	ft	w	of	SILVA VALLEY PW	1.260	W	N	3/16/200
R1	R1-1	39	ft	w	of	SOUTH ST	1.260	S	W	9/18/201
R2(45)	R2-1(45)	739	ft	E	of	LATROBE RD	1.270	S	W	10/20/201
R48-1	R48-1 (CA)	739	ft	E	of	LATROBE RD	1.270	S	W	10/20/201
R81	R81 (CA)	7,040	ft	E	of	COUNTY LINE	1.330	E	S	3/16/200
R2(45)	R2-1(45)	250	ft	w	of	VALLEY VIEW PW	1.530	N	E	10/25/201
R48-1	R48-1 (CA)	250	ft	w	of	VALLEY VIEW PW	1.530	N	E	10/25/201
R81	R81 (CA)	8,345	ft	E	of	COUNTY LINE	1.570	E	S	3/16/200
R81B	R81B (CA)	8,345	ft	E	of	COUNTY LINE	1.570	E	S	3/16/200
R81A	R81 (CA)	100	ft	W	of	VALLEY VIEW DR	1.580	S	W	11/23/20
R81	R81 (CA)	40	ft	w	of	VALLEY VIEW PKWY	1.590	N	E	11/23/20
R81	R81 (CA)	30	ft	w	of	VALLEY VIEW DR	1.610	S	W	3/16/200
	W3-3	60	ft	E	of	VALLEY VIEW DR	1.680	N	E	2/27/201
	W3-3	500	ft	E	of	VALLEY VIEW PW	1.680	N	E	2/9/20
G7-1	R49	600	ft	E	of	VALLEY VIEW DR	1.940	S	W	2/27/20
	R4-1	1,600	ft	E	of	VALLEY VIEW PW	1.950	N	E	2/27/20
R81	R81 (CA)	8,000	ft	S	of	SILVA VALLEY PW	2.090	W	N	3/16/20
G7-1	D3	250	ft	N	of	JOERGER CF RD	2.120	W	N	1/10/200

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EL DORADO COUNTY COMMUNITY DEVELOPMENT AGENCY: TRANSPORTATION DIVISION

Count Summary Beginning: December 8, 2017

Count Station:

1300034

Counter ID:

51 **1.15**

City/Town: Road Name: El Dorado Hills White Rock Road Mile Post:

100 Ft. E. of Latrobe Rd.

Lanes:

2

Location: Direction:

EASTBOUND

Date	10	11	12	13	14	8	9	Weekly	Wk Day
Day	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Average	Avg.
Time									1340
100	27	7	7	9	11	14	26	14	10
200	11	8	5	6	7	9	11	8	7
300	15	6	12	11	9	11	8	10	10
400	5	14	12	12	7	11	5	9	11
500	18	34	56	37	46	39	11	34	42
600	33	94	110	104	96	97	28	80	100
700	59	265	266	244	255	240	85	202	254
800	152	389	400	378	398	386	202	329	390
900	222	332	384	363	335	375	292	329	358
1000	436	429	406	430	420	402	411	419	417
1100	452	561	577	592	569	542	441	533	568
1200	419	620	615	639	650	657	519	588	636
1300	413	526	520	522	630	574	512	528	554
1400	404	596	580	520	596	595	512	543	577
1500	443	741	721	719	820	788	459	670	758
1600	390	840	859	927	943	873	426	751	888
1700	317	816	929	888	869	738	339	699	848
1800	218	485	553	508	591	447	260	437	517
1900	166	259	298	285	318	300	201	261	292
2000	138	175	178	192	240	238	135	185	205
2100	77	131	137	118	155	181	125	132	144
2200	38	59	68	59	89	100	103	74	75
2300	21	30	21	21	47	56	59	36	35
2400	25	10	23	28	36	36	35	28	27
Totals	4499	7427	7737	7612	8137	7709	5205	6904	7724
AM Peak Hr	11:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00
AM Count	452	620	615	639	650	657	519	588	636
PM Peak Hr	3:00	4:00	5:00	4:00	4:00	4:00	1:00	4:00	4:00
PM Count	443	840	929	927	943	873	512	751	888

TOTAL ADT:

15,481

EL DORADO COUNTY COMMUNITY DEVELOPMENT AGENCY: TRANSPORTATION DIVISION

Count Summary Beginning:

September 7, 2017

Count Station: City/Town:

1400034

Counter ID:

TLS₁

Road Name:

El Dorado Hills

Mile Post:

2.08

Lanes:

White Rock Road

Location:

100 Ft. S. of Silva Valley Pkwy.

EASTBOUND Direction:

Date	10	11	12	13	7	8	9	Weekly	Wk Day
Day	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Average	Avg.
Time									
100	74	21	21	52	11	46	93	45	30
200	38	21	12	13	13	20	18	19	16
300	16	5	5	8	9	9	8	9	7
400	10	7	5	10	8	9	4	8	8 13
500	9	13	14	8	14	16	10	12	13
600	14	52	57	47	49	54	17	41	52
700	26	151	151	162	157	157	33	120	156
800	76	458	509	482	465	473	126	370	477
900	159	408	385	409	425	399	219	343	405
1000	306	332	301	291	298	314	360	315	307
1100	404	355	327	386	331	362	408	368	352
1200	443	431	460	383	373	429	410	418	415
1300	463	426	418	511	435	471	438	452	452
1400	434	495	486	529	428	514	402	470	490
1500	412	608	571	541	577	701	455	552	600
1600	404	695	711	648	691	721	397	610	693
1700	389	852	847	833	774	830	458	712	827
1800	367	947	980	956	958	864	397	781	941
1900	354	652	644	652	645	616	382	564	642
2000	343	417	477	471	465	461	347	426	458
2100	252	267	349	314	480	354	374	341	353
2200	162	152	259	180	255	311	274	228	231
2300	62	69	80	72	110	149	177	103	96
2400	35	43	61	39	37	108	116	63	58
Totals	5252	7877	8130	7997	8008	8388	5923	7368	8080
AM Peak Hr	12:00	8:00	8:00	8:00	8:00	8:00	12:00	12:00	8:00
AM Count	443	458	509	482	465	473	410	418	477
PM Peak Hr	1:00	6:00	6:00	6:00	6:00	6:00	5:00	6:00	6:00
PM Count	463	947	980	956	958	864	458	781	941

TOTAL ADT:

16,713

ACCIDENT SITE ANALYSIS SUMMARY FOR

WHITE ROCK RD LATROBE RD TO VALLEY VIEW PKY

Report Date: 5/7/2018

For the period beginning January 1, 2015 and ending December 31, 2017

В	Beginning at Mile Post	1.13	and Ending at Mile Post 1.58	Road	lway Section Length = 0.45	
2015	Number of Accidents:	5	Number of Injuries:	2	Number of Fatalities:	0
2016	Number of Accidents:	6	Number of Injuries:	1	Number of Fatalities:	0
2017	Number of Accidents:	12	Number of Injuries:	8	Number of Fatalities:	0
Thre	ee Year Accident Tot	al = 23	Three Year Injury Total =	= 11	Three Year Fatality Total =	0

Average Daily Traffic Volume: 15481

Accidents per Million Entering Vehicles: 1.36

2015 C.H.P. ACCIDENT SUMMARY FOR WHITE ROCK RD FROM MP-1.13 TO MP-1.58

Report Date: 5/7/2018

The following accident data is based on the C.H.P. Accident Reports for the one year period from January 1, 2015, through December 31, 2015.

The following code numbers have been used to classify the various major types of accidents:

1 = Headon

2 = Sideswipe

3 = Rearend

4 = Broadside

5 = Hit Object

6 = Overturned

7 = Pedestrian Involved

8 = Bicycle Involved

9 = Animal Involved

10 = Parked Vehicle Involved

11 = Snow Removal Equip. Involved

12 = Other

13 = Motorcycle Involved

14 = School Bus Involved

Street	Mile Post	Dist.	Dir.		Cross Street	# Veh	Injury	Fatal	Time	Cond.	lmp.	Code
WHITE ROCK RD	1.22	105	WEST	of	POST ST	2	0	0	DAY	DRY	HNBD	2
WHITE ROCK RD	1.30	0	AT	of	MONTE VERDE DR	2	0	0	DAY	DRY	HNBD	1
WHITE ROCK RD	1.44	0	AT	of	KEAGLES LN	2	1	0	DARK	DRY	HNBD	4
WHITE ROCK RD	1.48	528	WEST	of	VALLEY VIEW PW	3	1	0	DAY	DRY	HNBD	3
WHITE ROCK RD	1.55	154	WEST	of	VALLEY VIEW PW	2	0	0	DAY	WET	HNBD	3

Total Number of Accidents: 5
Total Number of Injuries: 2
Total Number of Fatalities: 0

2016 C.H.P. ACCIDENT SUMMARY FOR WHITE ROCK RD FROM MP-1.13 TO MP-1.58

Report Date: 5/7/2018

The following accident data is based on the C.H.P. Accident Reports for the one year period from January 1, 2016, through December 31, 2016.

The following code numbers have been used to classify the various major types of accidents:

1 = Headon

2 = Sideswipe

3 = Rearend

4 = Broadside

5 = Hit Object

6 = Overturned

7 = Pedestrian Involved

8 = Bicycle Involved

9 = Animal Involved

10 = Parked Vehicle Involved

11 = Snow Removal Equip. Involved

12 = Other

13 = Motorcycle Involved

14 = School Bus Involved

Street	Mile Post	Dist.	Dir.		Cross Street	# Veh	Injury	Fatal	Time	Cond.	lmp.	Code
WHITE ROCK RD	1.13	0	AT	of	LATROBE RD	2	0	0	DARK	WET	HNBD	4
WHITE ROCK RD	1.16	50	EAST	of	LATROBE RD	2	0	0	DAY	DRY	IMP?	3
WHITE ROCK RD	1.24	0	AT	of	POST ST	2	0	0	DARK	DRY	HBD	1
WHITE ROCK RD	1.27	150	EAST	of	POST ST	2	0	0	DARK	DRY	IMP?	3
WHITE ROCK RD	1.43	50	WEST	of	KEAGLES LN	3	0	0	DAY	DRY	HNBD	3
WHITE ROCK RD	1.58	0	AT	of	VINE ST	2	1	0	DAY	WET	HNBD	4

Total Number of Accidents: 6

Total Number of Injuries: 1

Total Number of Fatalities: 0

2017 C.H.P. ACCIDENT SUMMARY FOR WHITE ROCK RD FROM MP-1.13 TO MP-1.58

Report Date: 5/7/2018

The following accident data is based on the C.H.P. Accident Reports for the one year period from January 1, 2017, through December 31, 2017.

The following code numbers have been used to classify the various major types of accidents:

1 = Headon2 = Sideswipe3 = Rearend4 = Broadside5 = Hit Object6 = Overturned7 = Pedestrian Involved8 = Bicycle Involved9 = Animal Involved

10 = Parked Vehicle Involved 11 = Snow Removal Equip. Involved 12 = Other

13 = Motorcycle Involved 14 = School Bus Involved

Street	Mile Post	Dist.	Dir.		Cross Street	# Veh	Injury	Fatal	Time	Cond.	lmp.	Code
WHITE ROCK RD	1.13	20	WEST	of	LATROBE RD	2	0	0	DAY	DRY	HNBD	3
WHITE ROCK RD	1.13	0		of	LATROBE RD	2	1	0	DAY	DRY	HNBD	1
WHITE ROCK RD	1.14	40	EAST	of	LATROBE RD	2	0	0	DAY	DRY	HNBD	2
WHITE ROCK RD	1.24	0		of	POST ST	2	3	0	DARK	DRY	HNBD	4
WHITE ROCK RD	1.32	75	EAST	of	MONTE VERDE DR	2	0	0	DAY	DRY	HNBD	2
WHITE ROCK RD	1.51	80	SOUTH	of	HIDDEN RIVER WY	2	1	0	DAY	DRY	IMP?	3
WHITE ROCK RD	1.52	0	AT	of	HIDDEN RIVER WY	2	0	0	DARK	DRY	HNBD	1
WHITE ROCK RD	1.54	220	WEST	of	VALLEY VIEW PKWY	3	0	0	DAY	DRY	HNBD	3
WHITE ROCK RD	1.57	30	WEST	of	VINE ST	2	2	0	DAY	DRY	HNBD	3
WHITE ROCK RD	1.57	45	WEST	of	VALLEY VIEW PKWY	2	0	0	DAY	DRY	HNBD	3
WHITE ROCK RD	1.58	0		of	VINE ST	1	0	0	DAY	DRY	HNBD	13
WHITE ROCK RD	1.58	0		of	VALLEY VIEW PKWY	2	1	0	DAY	DRY	HNBD	1

Total Number of Accidents: 12
Total Number of Injuries: 8
Total Number of Fatalities: 0

ACCIDENT SITE ANALYSIS SUMMARY FOR

WHITE ROCK RD VALLEY VIEW PKY TO SILVA VALLEY PKY

Report Date: 5/7/2018

For the period beginning January 1, 2015 and ending December 31, 2017

B	Beginning at Mile Post	1.59	and Ending at Mile Post 2.22	Roady	way Section Length = 0.63	
2015	Number of Accidents:	1	Number of Injuries:	0	Number of Fatalities:	0
2016	Number of Accidents:	2	Number of Injuries:	1	Number of Fatalities:	0
2017	Number of Accidents:	3	Number of Injuries:	1	Number of Fatalities:	0
Th	ree Year Accident T	otal = 6	Three Year Injury Total	= 2	Three Year Fatality Total =	= 0

Average Daily Traffic Volume: 16713

Accidents per Million Entering Vehicles: 0.33

2015 C.H.P. ACCIDENT SUMMARY FOR WHITE ROCK RD FROM MP-1.59 TO MP-2.22

Report Date: 5/7/2018

The following accident data is based on the C.H.P. Accident Reports for the one year period from January 1, 2015, through December 31, 2015.

The following code numbers have been used to classify the various major types of accidents:

1 = Headon

2 = Sideswipe

3 = Rearend

4 = Broadside

5 = Hit Object

6 = Overturned

7 = Pedestrian Involved

8 = Bicycle Involved

9 = Animal Involved

10 = Parked Vehicle Involved

11 = Snow Removal Equip. Involved

12 = Other

13 = Motorcycle Involved

14 = School Bus Involved

Street	Mile Post	Dist.	Dir.		Cross Street	# Veh	Injury	Fatal	Time	Cond.	lmp.	Code
WHITE ROCK RD	1.59	55	EAST	of	VALLEY VIEW PW	2	0	0	DAY	DRY	HNBD	3

Total Number of Accidents: 1

Total Number of Injuries: 0

Total Number of Fatalities: 0

2016 C.H.P. ACCIDENT SUMMARY FOR WHITE ROCK RD FROM MP-1.59 TO MP-2.22

Report Date: 5/7/2018

The following accident data is based on the C.H.P. Accident Reports for the one year period from January 1, 2016, through December 31, 2016.

The following code numbers have been used to classify the various major types of accidents:

1 = Headon

2 = Sideswipe

3 = Rearend

4 = Broadside

5 = Hit Object

6 = Overturned

7 = Pedestrian Involved

8 = Bicycle Involved

9 = Animal Involved

10 = Parked Vehicle Involved

11 = Snow Removal Equip. Involved

12 = Other

13 = Motorcycle Involved

14 = School Bus Involved

Street	Mile Post	Dist.	Dir.		Cross Street	# Veh	Injury	Fatal	Time	Cond.	lmp.	Code
WHITE ROCK RD	1.63	276	EAST	of	VALLEY VIEW PKY	1	1	0	DAY	WET	HNBD	5
WHITE ROCK RD	1.81	1215	NORTH	of	VINE ST	1	0	0	DARK	DRY	IMP?	5

Total Number of Accidents: 2
Total Number of Injuries: 1
Total Number of Fatalities: 0

2017 C.H.P. ACCIDENT SUMMARY FOR WHITE ROCK RD FROM MP-1.59 TO MP-2.22

Report Date: 5/7/2018

The following accident data is based on the C.H.P. Accident Reports for the one year period from January 1, 2017, through December 31, 2017.

The following code numbers have been used to classify the various major types of accidents:

1 = Headon

2 = Sideswipe

3 = Rearend

4 = Broadside

5 = Hit Object

6 = Overturned

7 = Pedestrian Involved

8 = Bicycle Involved

9 = Animal Involved

10 = Parked Vehicle Involved

11 = Snow Removal Equip. Involved

12 = Other

13 = Motorcycle Involved

14 = School Bus Involved

Street	Mile Post	Dist.	Dir.		Cross Street	# Veh	Injury	Fatal	Time	Cond.	lmp.	Code
WHITE ROCK RD	1.59	46	EAST	of	VALLEY VIEW PKWY	3	1	0	DAY	DRY	HNBD	3
WHITE ROCK RD	1.71	1584	SOUTH	of	CLARKSVILLE CROS	2	0	0	DAY	DRY	HNBD	3
WHITE ROCK RD	2.05	75	SOUTH	of	CLARKSVILLE CROS	1	0	0	DAY	WET	HNBD	5

Total Number of Accidents: 3
Total Number of Injuries: 1
Total Number of Fatalities: 0

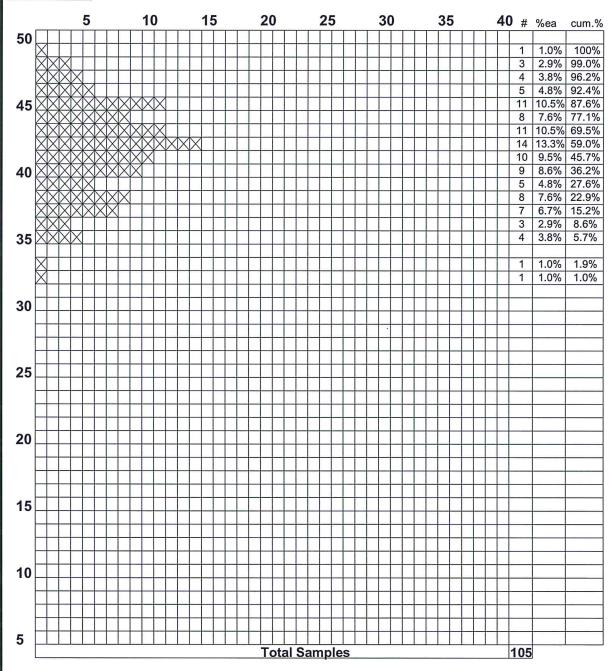
County of El Dorado Transportation Division

Street Name: WHITE ROCK RD

Limits: MONTE VERDE DR to VALLEY VIEW PKY

Radar Survey Sheet

X=North/South



85th Percentile Speed: 45
50th Percentile Speed: 42
15th Percentile Speed: 37
10 MPH Pace: 37-46

Number in Pace: 37-4

Number in Pace: 8

Percent in Pace:

<u>88</u> 83.8% Date of Survey: <u>3/20/2018</u>

Weather: Cloudy

Road Condition: Good
Street Class.: Minor Arterial

Observer: J. HUNNICUTT

Conditions not Apparent:

Start Time: End Time: 9:05 9:48

Posted Speed: 45

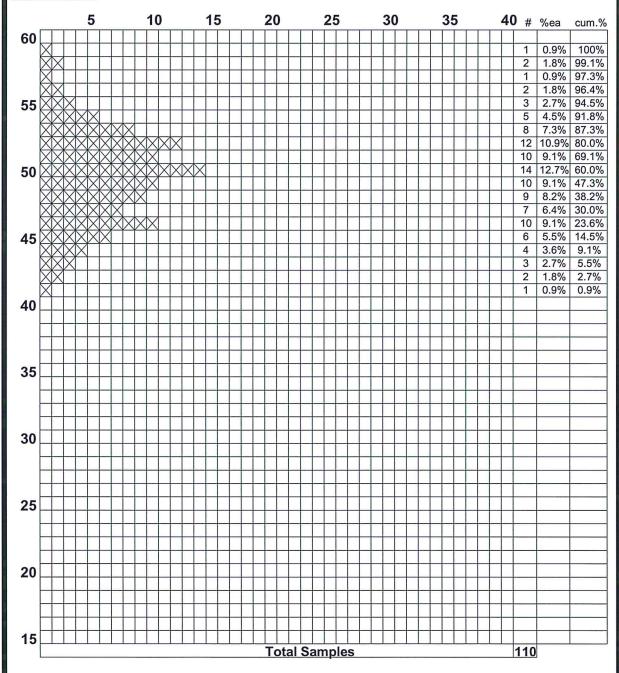
County of El Dorado Transportation Division

Street Name: WHITE ROCK RD

Limits: SILVA VALLEY PKY to OLD WHITE ROCK RD

Radar Survey Sheet

X=North/South



85th Percentile Speed: 53
50th Percentile Speed: 50
15th Percentile Speed: 46

 10 MPH Pace:
 45- 54

 Number in Pace:
 91

 Percent in Pace:
 82.7%

Date of Survey: 3/8/2018

Weather: Cloudy - No Rai
Road Condition: Good

Street Class.: Minor Arterial

Observer: <u>J. HUNNICUTT</u> Conditions not

Apparent:

 Start Time:
 10:40

 End Time:
 11:33

Posted Speed: 55