



ALL WAY STOP SURVEY

BLACKSTONE PARKWAY

(No. 2797)

at Cornerstone Drive (No. 2799)

Reviewed by the Traffic Advisory Committee on MAY 04 2016

COMMITTEE APPROVED STAFF'S RECOMMENDATION.

COMMITTEE REQUESTED FURTHER ACTION.

Action: APPROVED

**TRANSPORTATION DIVISION
ENGINEERING AND TRAFFIC SURVEY**

Location: Blackstone Parkway (No. 2797) at Cornerstone Drive (No. 2799)

Subject: All Way Stop

Date: August 25, 2015

REQUEST REFERENCE:

This study was initiated in response to a petition from residents living within the surrounding community of Blackstone Parkway and board members of the Parking and Safety Committee of the Blackstone Homeowner’s Association. The petition is requesting an “All Way Stop” at Blackstone Parkway and Cornerstone Drive and a 25 MPH speed zone between Cornerstone and Aldridge Way.

The scope of this study is limited to determining if an “All Way Stop” is appropriate for the intersection. The request for a reduced speed limit will be completed in a separate format from this survey. This study is limited to Blackstone Parkway in the immediate vicinity of its intersection with Cornerstone Drive. All subsequent references apply only to this area unless otherwise indicated.

GENERAL PHYSICAL CONDITIONS:

BLACKSTONE PARKWAY

Functional Classification: Local Road
Length: 400 feet
Limits: 200 feet north and south of Cornerstone Drive
Alignment: Mild curvilinear section
Grade: Moderate grades transitioning to level
Surface: Asphalt surface
Striping: Centerline and edge line from throughout survey section with the majority being separated by a concrete and landscaped median with a left turn pocket for the southbound lane at Cornerstone Drive
Shoulders: East side has concrete curb and gutter and west side has concrete curb and gutter with sidewalks.
Speed Limit: Not posted – Basic speed law applies with max of 55 MPH

CORNERSTONE DRIVE

Functional Classification: Local Road
Length: 200 feet
Limits: 200 feet east of Blackstone Parkway
Alignment: Straight section with curve to northeast
Grade: Moderate grade

Surface: Asphalt surface
Striping: Single yellow centerline (50') and limit line with "Stop" legend
Shoulders: Concrete curb and gutter with sidewalks
Speed Limit: Not posted – Basic speed law applies with max of 55 MPH

Blackstone Parkway is intersected by Cornerstone Drive within the study area. Traffic entering from Cornerstone Drive is required to stop at Blackstone Parkway. Cornerstone Parkway is controlled by a "STOP" sign, legend and limit line at its intersections with Blackstone Parkway.

No portion of the study section of Blackstone Parkway 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*.

Blackstone Parkway was accepted into the County Maintained Roadway System in 2010 and consists of 1.84 miles of County maintained roadway length. Blackstone Parkway is a two (2) – lane divided asphalt concrete roadway, in good condition, with a left turn pocket at the intersection for the southbound lane at the Cornerstone Drive. The pavement is approximately 36 feet in width with six (6) foot wide Class II bike lanes with a sidewalk along the west side of Blackstone Parkway. Curb ramps are present at the northwest, northeast, and southeast corners of the intersection with Blackstone Parkway / Cornerstone Drive. Pavement markings consist of yellow centerline striping, and white edge line striping.

Cornerstone Drive was accepted into the County Maintained Roadway System in 2010 and consists of 0.14 miles of County maintained roadway length. Cornerstone Drive is a two lane asphalt concrete roadway, in good condition, with sidewalks on both sides of the roadway.

Blackstone Parkway is classified as a local roadway by the Federal Highway Administration (FHWA), as depicted by the California Road System (CRS) maps; however, this roadway functions as collector roadway for the adjoining subdivisions. Cornerstone Drive is classified as a local roadway by the FHWA, as depicted by the CRS maps.

RECORD DATA:

A review of the average daily traffic volume counts for Blackstone Parkway revealed that counts were conducted by the County of El Dorado Transportation Division on April 17, 2015. The following counts were recorded:

<i>DATE</i>	<i>MILEPOST</i>	<i>SITE</i>	<i>ADT</i>
<i>April 2015</i>	<i>0.55</i>	<i>700 feet n/o Cornerstone Drive</i>	<i>1,473</i>
<i>April 2015</i>	<i>0.66</i>	<i>100 feet s/o Cornerstone Drive</i>	<i>1,517</i>
<i>Average Daily Traffic Counts</i>			<i>1,495</i>

A review of the accident data provided by the California Highway Patrol for a three (3) year period from January 1, 2012, through December 31, 2014, disclosed no (0) reported accidents at the intersection of Blackstone Parkway and Cornerstone Drive (see attached sheet).

The 2014 California Manual on Uniform Traffic Control Devices (CAMUTCD) states in part:

Section 2B.07 Multi-Way Stop Applications

Support:

01 Multi-way stop control can be useful as a safety measure at intersections if certain traffic conditions exist. Safety concerns associated with multi-way stops include pedestrians, bicyclists, and all road users expecting other road users to stop. Multi-way stop control is used where the volume of traffic on the intersecting roads is approximately equal.

02 The restrictions on the use of STOP signs described in Section 2B.04 also apply to multi-way stop applications.

Guidance:

03 The decision to install multi-way stop control should be based on an engineering study.

04 The following criteria should be considered in the engineering study for a multi-way STOP sign installation:

A. Where traffic control signals are justified, the multi-way stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.

B. Five or more reported crashes in a 12-month period that are susceptible to correction by a multi-way stop installation. Such crashes include right-turn and left-turn collisions as well as right-angle collisions.

C. Minimum volumes:

1. The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day; and

2. The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour; but

3. If the 85th-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the values provided in Items 1 and 2.

D. Where no single criterion is satisfied, but where Criteria B, C.1, and C.2 are all satisfied to 80 percent of the minimum values. Criterion C.3 is excluded from this condition.

Option:

05 Other criteria that may be considered in an engineering study include:

A. The need to control left-turn conflicts;

B. The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;

C. Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and

D. An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection.

Section 3B.18 Crosswalk Markings

Support:

Crosswalk markings provide guidance for pedestrians who are crossing roadways by defining and delineating paths on approaches to and within signalized intersections, and on approaches to other intersections where traffic stops... New marked crosswalks across uncontrolled roadways should include other measures designed to reduce traffic speeds, shorten crossing distances, enhance driver awareness of the crossing, and/or provide active warning of pedestrian presence...

For the type and location of the various signs present along Blackstone Parkway, please see attached "SIGN INVENTORY PRINTOUT" sheet.

FIELD REVIEW AND OBSERVATION:

Two (2) radar speed surveys were conducted by the County of El Dorado County, Community Development Agency Transportation Division Traffic Section on Blackstone Parkway April 29, 2015 and May 1, 2015 (see attached sheets). The following table reflects the results of those surveys:

<i>2015 SITE LOCATION</i>	<i>MILE POST</i>	<i>SPEED LIMIT</i>	<i>85% SPEED</i>	<i>10 MPH PACE</i>	<i>% IN PACE SPEED</i>
<i>1,000 feet south of Valley View Parkway</i>	<i>0.19</i>	<i>55 mph</i>	<i>46 mph</i>	<i>36-45 mph</i>	<i>71.9%</i>
<i>525 feet north of Cornerstone Drive</i>	<i>0.58</i>	<i>55 mph</i>	<i>45 mph</i>	<i>37-46 mph</i>	<i>72.8%</i>

During the course of the field review that consisted of approximately three (3) hours, seven (7) bicyclists and thirty-one (31) pedestrians were observed along Blackstone Parkway within the study section.

Blackstone Parkway subdivision is approximately 40% built out currently. The average daily traffic is expected to increase as the subdivision builds out. Furthermore, with subdivision build out, more pedestrians will be expected using various subdivision roadways.

The Caltrans Department of Transportation Highway Design Manual indicates that the minimum stopping sight distance requirement for an eighty-fifth percent speed of 45 MPH is 350 feet. The following stopping sight distance measurements were recorded by the Department of Transportation on Blackstone Parkway approaching the intersection of Cornerstone Drive:

Blackstone Parkway looking north to Cornerstone Drive = 405'
 Blackstone Parkway looking south to Cornerstone Drive = 740'

The El Dorado County Design & Improvement Standards Manual indicates that the minimum corner sight distance requirements for an eighty-fifth percentile speed of 46 MPH is 460 feet. The following corner sight distance measurements were recorded by the Department of Transportation on Cornerstone Drive at Blackstone Parkway:

Cornerstone Drive looking north on Blackstone Parkway = 715'
 Cornerstone Drive looking south on Marshall Road = 641'

As part of this study, in accordance with the California Highway Design Manual, turning movement counts were taken. The following results were recorded for the intersection of Blackstone Parkway and Cornerstone Drive (See attached Turning Movement Sheet).

TURNING MOVEMENT COUNT TABLE
Blackstone Parkway at Cornerstone Drive

Date: 05/01/15 Blackstone Pkwy @ Cornerstone Drive (6:45 through 7:45 a.m. peak hour)

LOCATION	Blackstone Pkwy southbound	Pkwy southbound onto Cornerstone	Blackstone Pkwy northbound	Pkwy northbound onto Cornerstone	Cornerstone Drive onto Blackstone Pkwy	Cornerstone Drive onto Pkwy	TOTAL
6:45	15	3	7	10	5	3	43
7:00	6	1	7	3	3	4	24
7:15	14	1	10	4	1	0	30
7:30	10	0	15	2	4	5	36
7:45	7	1	4	2	1	4	19
8:00	11	1	5	4	2	2	25
8:15	10	1	7	1	3	10	32
8:30	12	1	7	2	4	1	27
8:45	7	5	6	1	0	4	23
9:00	7	6	5	3	3	0	24
9:15	8	1	5	4	3	2	23
Hour Total	107	21	78	36	29	35	306

TOTAL HOUR VOLUME: 306

Road Name	Volume	Percentage
Blackstone Pkwy s/b	107	34.97%
Blackstone Pkwy s/b turning onto	21	6.86%
Blackstone Pkwy n/b	39	12.74%
Blackstone Pkwy n/b turning onto	36	11.76%
Cornerstone Dr turning onto Blackstone	29	9.48%
Cornerstone Dr turning onto Blackstone	35	11.44%

The diagram shows Blackstone Parkway as a vertical road with traffic flowing from top to bottom. Cornerstone Drive is a horizontal road intersecting Blackstone Parkway from the right. A north arrow is located in the upper right quadrant of the diagram. Various lanes and turning movements are indicated with arrows and numbers corresponding to the data in the tables above.

CONTACTS:

Staff contacted Commander Root of the Placerville California Highway Patrol to discuss the request for an “All Way Stop” at the corner of Blackstone Parkway and Cornerstone Drive. It was noted that there are existing curb ramps located at the intersection of Blackstone Parkway and Cornerstone Drive and there are a high number of pedestrians in the area. With the existing infrastructure of curb ramps in place it can be confusing to the public if crossing at this location is suggested or not. In reviewing the data from the within the study, it was noted that the warrants for an “All Way Stop” were not justified by the criteria within the CAMUTCD.

Given the existing infrastructure having curb ramps indicating that this is the location that pedestrians should cross, Commander Root supports the placement of a crosswalk on the north side of the intersection and across Cornerstone Drive to match the existing curb ramps with an “All Way Stop” to address pedestrian safety in the area.

Staff contacted Dennis Vanderpool, Director of Transportation for the El Dorado County Union High School District to discuss the request for an “All Way Stop” at the corner of Blackstone Parkway and Cornerstone Drive. As the El Dorado County Union High School District has a bus stop in the vicinity, and the existing intersection has curb ramps installed without any safety features for the pedestrians to cross at that location, the school district would appreciate the intersection being completed with an “All Way Stop” with crosswalks painted at the existing curbs.

FINDINGS AND CONCLUSIONS:

The study section of Blackstone Parkway for this survey is 400 feet long and runs north/south with Cornerstone Drive being an east/westbound roadway for 200 feet east in length from Blackstone Parkway. Based on the study, Blackstone Parkway at Cornerstone Drive has been found to have the following:

- 85th percentile speeds of 45 and 46 miles per hour were recorded on Blackstone Parkway
- The calculated average daily traffic volume was 1495 vehicles per day for Blackstone Parkway
- Blackstone subdivision’s average daily traffic counts will increase and potentially pedestrian usage will also increase as residential build out continues
- Blackstone Parkway is curvilinear with moderate grade changes
- The accident rate for both Blackstone Parkway and the County maintained portion of Cornerstone Drive within the study section is 0.00 Accidents per Million Vehicle Miles for the three (3) year period from January 1, 2012, through December 31, 2014
- Seven (7) bicyclists and thirty-one (31) pedestrians were observed on the roadway during the site review on May 1, 2015 that lasted approximately 3 hours
- Blackstone Parkway is classified as a Local Road, which serves as a “collector” street for the

subdivision

- Blackstone Parkway does not qualify as a “Residence District” or “Business District”.
- Cornerstone Drive is classified as a Local Road
- Cornerstone Drive does not qualify as a “Residence District” or “Business District”.
- The vehicular, pedestrian, and bicycle volumes entering the intersection do not meet the minimum counts to justify an “All Way Stop” at this location
- There is a left turn pocket for the southbound traffic on Blackstone Parkway at Cornerstone Drive. There have been no left-turn conflicts reported
- The subdivision was approved with curb ramps built out at three locations within this intersection. These curbs ramps could suggest that the crossing is allowed or encouraged at this location. If pedestrians were to cross at this location, it would be at an unprotected intersection.
- The existing curb ramps were placed at this intersection without other measures designed to reduce traffic speeds, enhance driver awareness of the crossing that is indicated with the ramps present on two of the legs of the intersection (three ramps in total), and/or to provide active warning of pedestrian presence where the speeds exceed 40 miles per hour.
- Commander Root of the California Highway Patrol supports the installation of an “All Way Stop” and crosswalk markings placed at the existing curb ramps.
- Dennis Vaderpool, Director of Transportation for the El Dorado County Union High School District supports the installation of an “All Way Stop” and crosswalk markings placed at the existing curb ramps.

DISCUSSION

Based on the results of the survey and the requirements of the California Manual on Uniform Traffic Control Devices the “All Way Stop” is not warranted at this location. The subdivision is still in the building/construction phase and will eventually build out to where the “All Way Stop” would likely be warranted.

There are high volumes of pedestrian and bicycle activity along the roadway at this intersection as noted within the field review and observation section of the study. Due to the existing built-out curb ramps without any public safety signing, striping or marking, staff believes it is in the best interest of public safety to support the installation of an “All Way Stop” with crosswalks striped at the existing curb ramps at this location.

Staff spoke with several other agencies to get input on the proposed request for an “All Way Stop” at this location. The Director of Transportation for the El Dorado County Union High School District and the Commander of the Placerville California Highway Patrol concurred with the need to place additional signs, striping, and markings at this location to complete the intersection configuration with an “All Way Stop” with crosswalks.

It can be concluded that an “All Way Stop” is needed at this location based on the high number of pedestrians in the area and the lack of any protected crossing at the intersection with built out curb

ramps along Blackstone Parkway and Cornerstone Drive.

RECOMMENDATION

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

1. The Traffic Advisory Committee approves the “All Way Stop” on Blackstone Parkway at Cornerstone Drive with crosswalks on the northerly leg of Blackstone Parkway and the easterly leg at Cornerstone Drive.
2. The County of El Dorado Board of Supervisors be requested to adopt a Resolution to sanction the “All Way Stop” and “Crosswalks” on Blackstone Parkway and Cornerstone Drive, with the following recommended wording:

Whereas, the County of El Dorado Ordinance Code Section 10.08.010 and 10.08.505 authorizes the Board of Supervisors to establish intersection stops and crosswalks, by resolution; and

Whereas, on August 18, 1981, the Board of Supervisors adopted Resolutions No. 245-81 to establish intersection stops and No. 249-81 to establish crosswalks;

Whereas, on xxx, xx, xxxx, the West Slope Traffic Advisory committee recommended the addition of intersections stops;

THEREFORE, BE IT RESOLVED that Resolution No. 245-81, which establishes intersection stops pursuant to Section 10.08.010 of the County of El Dorado Ordinance Code, is amended as follows:

Add:

“(qs) On Blackstone Parkway (No. 2797) at its intersection with Cornerstone Drive (No. 2799) stopping the northbound and southbound lanes.”

THEREFORE, BE IT RESOLVED that Resolution No. 249-81, which establishes crosswalks pursuant to Section 10.08.050 of the County of El Dorado Ordinance Code, is amended as follows:

Add:

“(h) On Blackstone Parkway (No. 2797) at its intersection with Cornerstone Drive (No. 2799) on the northerly leg and on Cornerstone Drive at its intersection with Blackstone Parkway.”

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3. That following the adoption of the sanctioning Resolution by the County of El Dorado Board of Supervisors, R1-1 (STOP signs) and R1-3P (All Way) signs be installed on all legs of the intersection and crosswalks painted as indicated above

on Blackstone Parkway and Cornerstone Drive.

4. That the California Highway Patrol be advised of the "All Way Stop" and crosswalks on Blackstone Parkway at Cornerstone Drive upon completion of signing and marking the intersection.

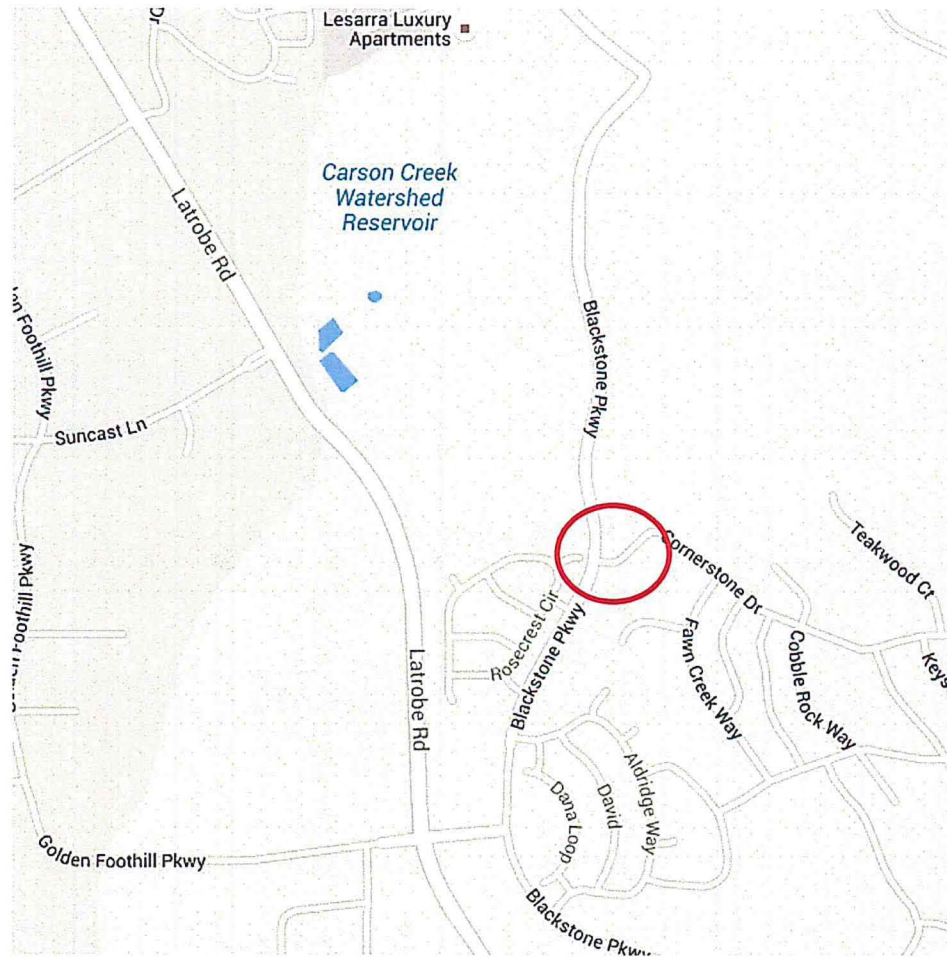
Prepared by: Patricia Gaylord
Patricia Gaylord
Senior Engineering Technician

APPROVED BY: Darryl L. Brown on 10/23/15
Darryl L. Brown, P.E.
Traffic Superintendent
Date

APPROVED BY: Bard R. Lower on 3/17/16
Bard R. Lower, Director
Transportation Division
Community Development Agency
Date

Attachments: Vicinity Map (1)
Vicinity Photos (3)
Turning Movement (1)
Traffic Counts (4)
Accident Summary (2)
Speed Surveys (2)

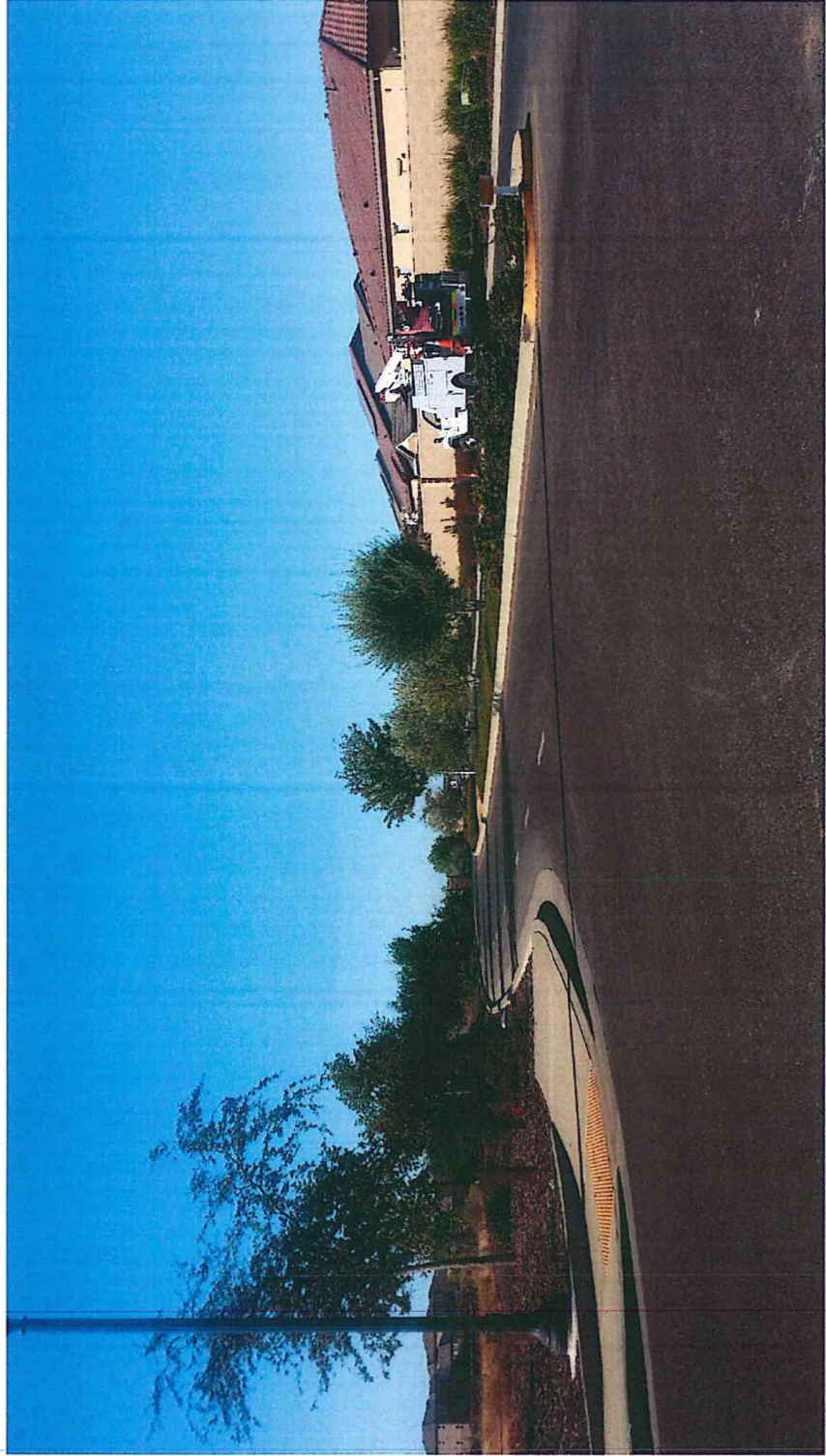
BLACKSTONE PARKWAY VICINITY MAP



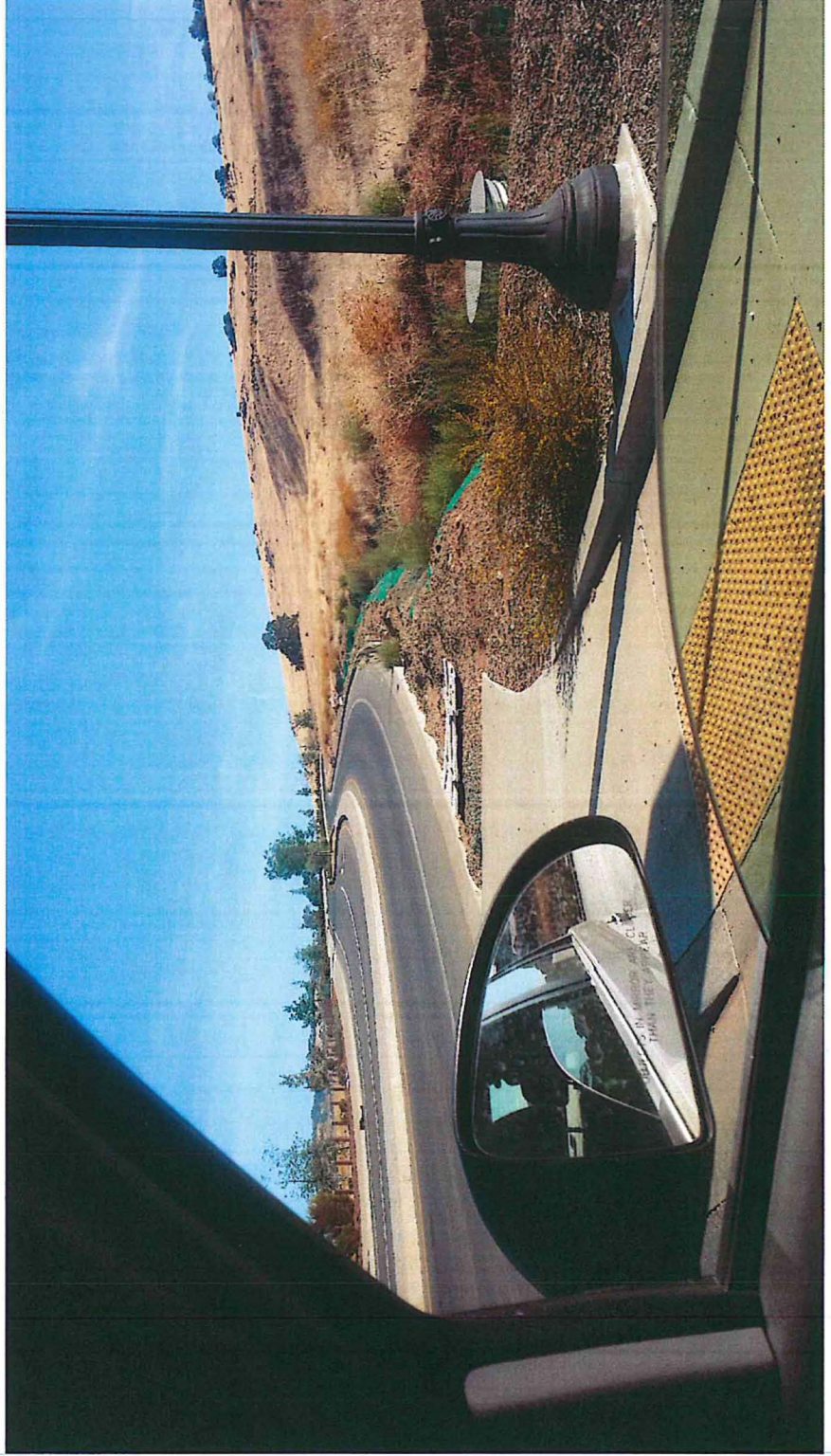
**REQUEST FOR ALL WAY STOP @
BLACKSTONE PARKWAY
AND CORNERSTONE DRIVE**



**SIGHT DISTANCE LOOKING SOUTH
FROM CORNERSTONE DRIVE ONTO
BLACKSTONE PARKWAY**



SIGHT DISTANCE LOOKING NORTH FROM CORNERSTONE DRIVE ONTO BLACKSTONE PARKWAY

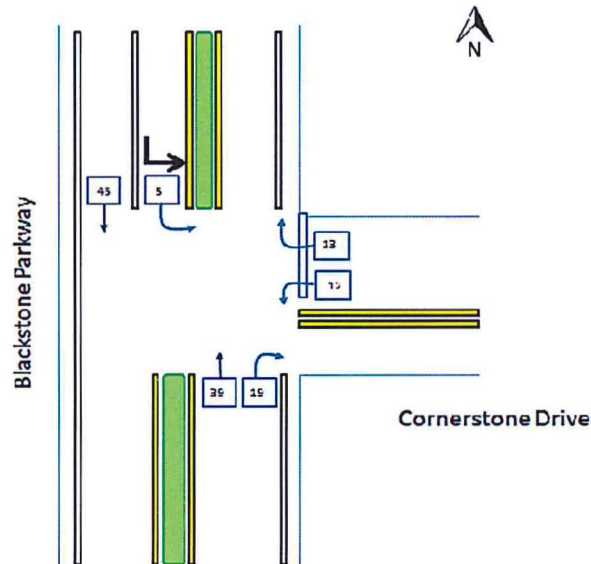


TURNING MOVEMENT COUNT TABLE Blackstone Parkway at Cornerstone Drive

Date: 05/01/15 Blackstone Pkwy @ Cornerstone Drive (6:45 through 7:45 a.m. peak hour)

LOCATION:	Blackstone Pkwy southbound	Blackstone Pkwy southbound onto Cornerstone Drive	Blackstone Pkwy northbound	Blackstone Pkwy northbound onto Cornerstone	Cornerstone Drive onto northbound Blackstone Pkwy	Cornerstone Drive onto southbound Blackstone Pkwy	TOTAL	
T I M E	6:45	15	3	7	10	5	3	43
	7:00	6	1	7	3	3	4	24
	7:15	14	1	10	4	1	0	30
	7:30	10	0	15	2	4	5	36
	7:45	7	1	4	2	1	4	19
	8:00	11	1	5	4	2	2	25
	8:15	10	1	7	1	3	10	32
	8:30	12	1	7	2	4	1	27
	8:45	7	5	6	1	0	4	23
	9:00	7	6	5	3	3	0	24
9:15	8	1	5	4	3	2	23	
Hour Total	107	21	78	36	29	35	306	

TOTAL HOUR VOLUME: 306



Road Name	Volume	Percentage
Morning Peak Movement		
Blackstone Pkwy s/b straight	107	34.97%
Blackstone Pkwy s/b turning onto Cornerstone Dr	21	6.86%
Blackstone Pkwy n/b straight	39	25.49%
Blackstone Pkwy n/b turning onto Cornerstone Dr	36	11.76%
Cornerstone Dr turning onto Blackstone Pkwy n/b	29	9.48%
Cornerstone Dr turning onto Blackstone Pkwy s/b	35	11.44%

**EL DORADO COUNTY
COMMUNITY DEVELOPMENT AGENCY: TRANSPORTATION DIVISION**

Count Summary Beginning: April 17, 2015

Count Station:	Special	Counter ID:	58
City/Town:	El Dorado Hills	Mile Post:	
Road Name:	Blackstone Pkwy.	Location:	North of Cornerstone Dr.
Lanes:	2	Direction:	NORTHBOUND

Date	19	20	21	22	23	17	18	Weekly	Wk Day
Day	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Average	Avg.
Time									
100	2	1	1	0	2	1	2	1	1
200	1	0	0	1	0	0	2	1	0
300	3	0	2	0	0	0	0	1	0
400	1	0	0	1	1	0	1	1	0
500	0	1	2	0	1	2	0	1	1
600	0	10	6	6	6	4	1	5	6
700	7	25	22	18	23	19	6	17	21
800	7	49	54	51	50	47	9	38	50
900	22	35	38	48	47	40	32	37	42
1000	30	34	37	50	34	40	37	37	39
1100	32	32	30	36	28	40	33	33	33
1200	32	35	47	38	37	39	54	40	39
1300	47	54	48	53	45	32	51	47	46
1400	51	38	46	39	38	47	46	44	42
1500	36	26	34	35	36	46	36	36	35
1600	45	70	61	61	57	64	38	57	63
1700	30	70	77	69	78	69	70	66	73
1800	32	87	96	77	84	71	36	69	83
1900	28	53	58	58	59	61	41	51	58
2000	29	38	51	44	61	30	33	41	45
2100	13	19	21	23	18	23	13	19	21
2200	6	9	11	19	15	12	15	12	13
2300	3	4	2	4	8	6	2	4	5
2400	0	1	2	0	2	8	4	2	3
Totals	457	691	746	731	730	701	562	660	720
AM Peak Hr	11:00	8:00	8:00	8:00	8:00	8:00	12:00	12:00	8:00
AM Count	32	49	54	51	50	47	54	40	50
PM Peak Hr	2:00	6:00	6:00	6:00	6:00	6:00	5:00	6:00	6:00
PM Count	51	87	96	77	84	71	70	69	83

TOTAL ADT: 1,473

EL DORADO COUNTY
COMMUNITY DEVELOPMENT AGENCY: TRANSPORTATION DIVISION

Count Summary Beginning: April 17, 2015

Count Station:	Special	Counter ID:	58
City/Town:	El Dorado Hills	Mile Post:	
Road Name:	Blackstone Pkwy.	Location:	North of Cornerstone Dr.
Lanes:	2	Direction:	SOUTHBOUND

Date	19	20	21	22	23	17	18	Weekly	Wk Day
Day	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Average	Avg.
Time									
100	7	0	0	5	1	2	5	3	2
200	3	0	1	0	1	0	1	1	0
300	0	1	1	0	0	3	1	1	1
400	2	1	0	2	1	0	2	1	1
500	0	0	1	0	0	0	0	0	0
600	2	5	2	3	4	2	1	3	3
700	1	17	20	16	18	14	9	14	17
800	8	39	30	36	39	44	6	29	38
900	13	51	47	59	52	58	30	44	53
1000	21	35	48	44	29	36	19	33	38
1100	30	28	39	37	37	26	43	34	33
1200	41	46	46	41	37	36	43	41	41
1300	42	42	52	48	57	48	42	47	49
1400	63	49	53	55	54	47	43	52	52
1500	35	41	40	37	40	51	42	41	42
1600	36	60	74	70	63	67	48	60	67
1700	43	70	84	63	84	85	45	68	77
1800	34	74	71	83	88	64	40	65	76
1900	28	49	46	67	55	50	24	46	53
2000	46	47	52	55	54	45	40	48	51
2100	20	35	27	18	21	37	25	26	28
2200	12	16	15	14	24	28	28	20	19
2300	5	6	7	7	9	10	13	8	8
2400	2	4	2	2	4	4	8	4	3
Totals	494	716	758	762	772	757	558	688	753
AM Peak Hr	12:00	9:00	10:00	9:00	9:00	9:00	11:00	9:00	9:00
AM Count	41	51	48	59	52	58	43	44	53
PM Peak Hr	2:00	6:00	5:00	6:00	6:00	5:00	4:00	5:00	5:00
PM Count	63	74	84	83	88	85	48	68	77

TOTAL ADT: 1,473

**EL DORADO COUNTY
COMMUNITY DEVELOPMENT AGENCY: TRANSPORTATION DIVISION**

Count Summary Beginning: April 17, 2015

Count Station:	Special	Counter ID:	71
City/Town:	El Dorado Hills	Mile Post:	
Road Name:	Blackstone Pkwy.	Location:	South of Cornerstone Dr.
Lanes:	2	Direction:	NORTHBOUND

Date	19	20	21	22	23	17	18	Weekly	Wk Day
Day	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Average	Avg.
Time									
100	0	1	1	0	2	1	2	1	1
200	1	0	0	1	1	0	1	1	0
300	2	0	2	0	0	0	2	1	0
400	2	0	0	1	1	1	1	1	1
500	0	1	1	0	1	2	0	1	1
600	1	5	7	4	4	2	2	4	4
700	4	36	30	13	18	22	8	19	24
800	9	51	48	50	60	50	13	40	52
900	16	36	38	36	42	35	27	33	37
1000	22	27	42	46	32	38	33	34	37
1100	32	28	34	34	35	38	23	32	34
1200	36	46	54	38	30	33	57	42	40
1300	40	46	44	54	57	36	41	45	47
1400	48	44	43	41	34	52	35	42	43
1500	45	36	38	42	28	48	32	38	38
1600	41	56	49	54	56	69	39	52	57
1700	28	68	91	70	82	75	55	67	77
1800	37	100	102	78	84	71	37	73	87
1900	26	55	56	65	64	64	39	53	61
2000	36	38	60	56	63	25	39	45	48
2100	11	23	22	21	22	29	18	21	23
2200	6	13	14	25	22	12	20	16	17
2300	6	4	4	4	9	6	5	5	5
2400	2	4	7	2	6	9	8	5	6
Totals	451	718	787	735	753	718	537	671	742
AM Peak Hr	12:00	8:00	12:00	8:00	8:00	8:00	12:00	12:00	8:00
AM Count	36	51	54	50	60	50	57	42	52
PM Peak Hr	2:00	6:00	6:00	6:00	6:00	5:00	5:00	6:00	6:00
PM Count	48	100	102	78	84	75	55	73	87

TOTAL ADT: 1,517

EL DORADO COUNTY
COMMUNITY DEVELOPMENT AGENCY: TRANSPORTATION DIVISION

Count Summary Beginning: April 17, 2015

Count Station:	Special	Counter ID:	71
City/Town:	El Dorado Hills	Mile Post:	
Road Name:	Blackstone Pkwy.	Location:	South of Cornerstone Dr.
Lanes:	2	Direction:	SOUTHBOUND

Date	19	20	21	22	23	17	18	Weekly	Wk Day
Day	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Average	Avg.
Time									
100	6	2	0	4	0	1	4	2	1
200	4	0	1	1	1	0	1	1	1
300	0	2	3	1	0	3	1	1	2
400	4	4	2	4	3	1	3	3	3
500	0	2	1	0	0	1	1	1	1
600	3	4	7	6	9	5	3	5	6
700	3	22	22	18	20	19	8	16	20
800	9	54	40	44	46	50	6	36	47
900	18	58	61	66	70	68	40	54	65
1000	30	46	50	52	31	34	27	39	43
1100	31	33	42	32	39	34	40	36	36
1200	39	51	51	38	45	30	40	42	43
1300	41	46	54	53	66	53	40	50	54
1400	59	50	52	60	46	46	42	51	51
1500	32	37	46	44	41	52	41	42	44
1600	35	72	82	71	72	64	37	62	72
1700	33	62	75	70	80	82	46	64	74
1800	32	74	71	76	82	65	32	62	74
1900	27	44	37	66	51	44	20	41	48
2000	40	36	46	40	45	40	38	41	41
2100	17	27	20	18	17	30	25	22	22
2200	6	17	12	15	18	24	24	17	17
2300	6	4	4	6	10	11	11	7	7
2400	4	1	2	1	5	4	8	4	3
Totals	479	748	781	786	797	761	538	699	775
AM Peak Hr	12:00	9:00	9:00	9:00	9:00	9:00	9:00	9:00	9:00
AM Count	39	58	61	66	70	68	40	54	65
PM Peak Hr	2:00	6:00	4:00	6:00	6:00	5:00	5:00	5:00	5:00
PM Count	59	74	82	76	82	82	46	64	74

TOTAL ADT: 1,517

**EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
ACCIDENT SITE ANALYSIS SUMMARY FOR**

Blackstone Parkway

For Use with Request for All Way Stop at Cornerstone Drive

Report Date: 9/16/2015

For the period beginning January 1, 2012 and ending December 31, 2014

	Beginning at Mile Post 0.64		and Ending at Mile Post 0.72		Roadway Section Length = 0.08
2012	Number of Accidents:	0	Number of Injuries:	0	Number of Fatalities: 0
2013	Number of Accidents:	0	Number of Injuries:	0	Number of Fatalities: 0
2014	Number of Accidents:	0	Number of Injuries:	0	Number of Fatalities: 0
Accident Total = 0			Injury Total = 0		Fatality Total = 0

**EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
ACCIDENT SITE ANALYSIS SUMMARY FOR**

Cornerstone Dr

For Use with Request for All Way Stop at Blackstone Parkway

Report Date: 9/16/2015

For the period beginning January 1, 2012 and ending December 31, 2014

Beginning at Mile Post 0.000		and Ending at Mile Post 0.04		Roadway Section Length = 0.04		
2012	Number of Accidents:	0	Number of Injuries:	0	Number of Fatalities:	0
2013	Number of Accidents:	0	Number of Injuries:	0	Number of Fatalities:	0
2014	Number of Accidents:	0	Number of Injuries:	0	Number of Fatalities:	0
Accident Total = 0		Injury Total = 0		Fatality Total = 0		

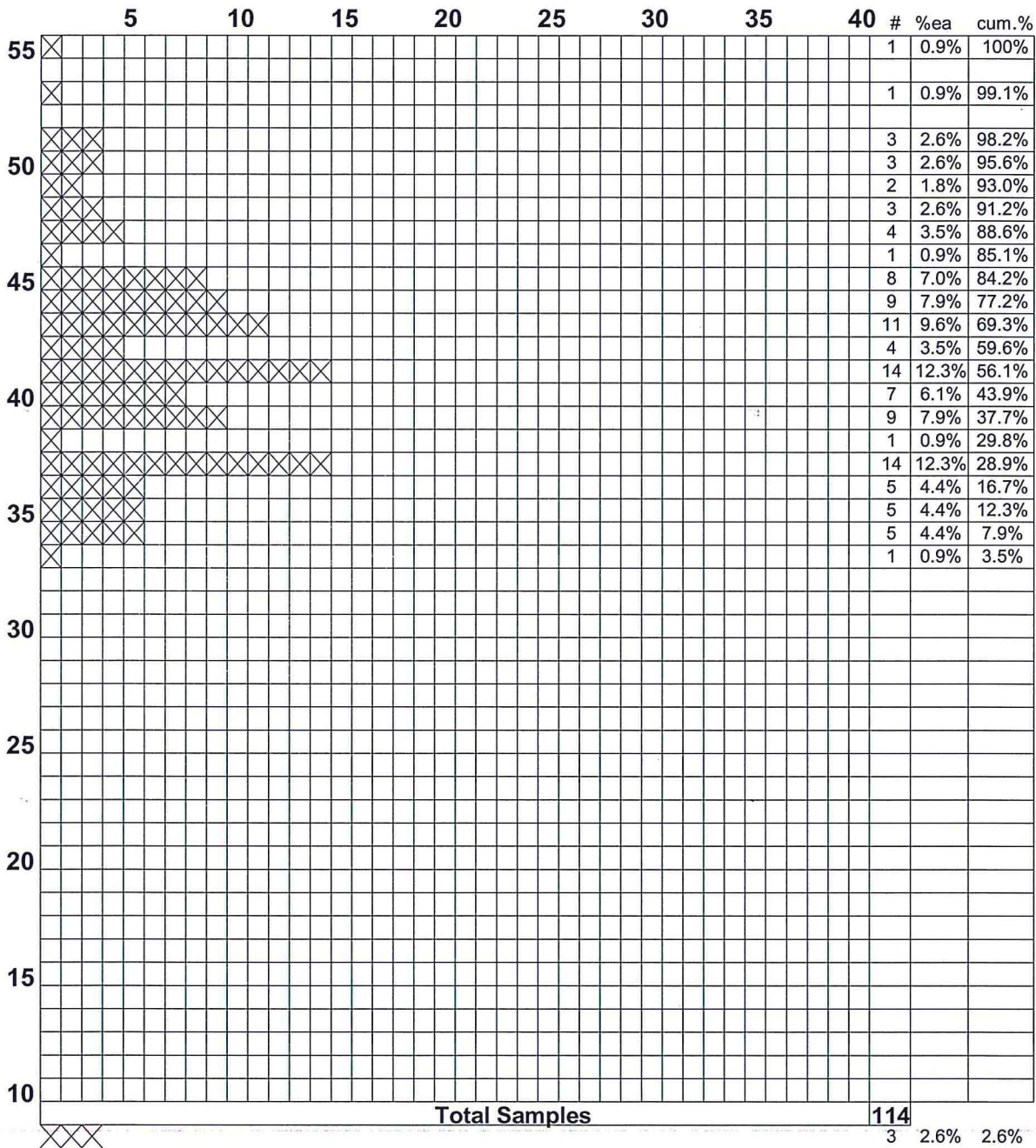
**County of El Dorado
Transportation Division**

Street Name: BLACKSTONE PARKWAY

Limits: VALLEY VIEW PARKWAY to CORNERSTONE DRIVE

Radars Survey Sheet

X=North/South



85th Percentile Speed: 46
 50th Percentile Speed: 41
 15th Percentile Speed: 36
 10 MPH Pace: 36- 45
 Number in Pace: 82
 Percent in Pace: 71.9%

Date of Survey: 5/1/2015 Start Time: 7:15
 Weather: Sunny End Time: 8:36
 Road Condition: DRY Posted Speed: 55
 Street Class.: Local
 Observer: P GAYLORD
 Conditions not Apparent: