



Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95814

Project Level Conformity Group Meeting

Tuesday, April 16, 2024, 2:00 to 3:00 p.m.

Meeting Information

Remote Participation Instructions

- [Join by computer or smart device](#)
- Or dial in using your phone:
 - Dial-in #: (877) 853-5257 or (888) 475-4499
 - Meeting ID: 852 1934 7198

Agenda

1. Welcome
2. Introductions
3. Review of Projects Requesting a Project of Air Quality Concern (POAQC) Determination
 - a. Presentation of I-80 and US-50 Managed Lanes Project
 - b. Discussion
4. Next Steps

SACOG POAQC Coordinator:
Jackie Kahrs
jkahrs@sacog.org

MTIP ID# (required): CAL21276

Project Description (clearly describe project):

The California Department of Transportation (Caltrans), in collaboration with stakeholders, proposes to improve Interstate-80 Corridor in Solano, Yolo and Sacramento Counties. On I-80 just from the I-80/Kidwell Road interchange in Solano County, through Yolo County, and to the W. El Camino interchange; also on US 50 from the I-80/US 50 interchange to the I-5/US 50 interchange in Sacramento County: Construct improvements consisting of managed lanes a High Occupancy Toll (HOT) 3+ lane in each direction with direct connectors, pedestrian/bicycle facilities, park-n-ride, and Intelligent Transportation System (ITS) elements. (The project was split into two projects with the same scope and timeline, CAL21276 and CAL21424. Total project cost \$465,000,000) (Figure 1).

The following information are consisted of each alternative for the YOL-80 Managed Lanes Project:

- Alternative 1: No-Build.
- Build Alternative 2a: Add a High Occupancy Vehicle (HOV) lane in each direction for use by vehicles with two or more riders (HOV 2+).
- Build Alternative 2b: Add a high-occupancy vehicle lane in each direction for use by vehicles with two or more riders (HOV 2+) and build an I-80 managed lane direct connector.
- Build Alternative 3: Add a High Occupancy Toll (HOT) in each direction for use by vehicles with two or more riders (HOT 2+). Single-occupied vehicles would pay a fee for lane usage.
- Build Alternative 3b: Add a high-occupancy toll lane in each direction for free use by vehicles with two or more riders (HOT 2+) and build an I-80 managed lane direct connector. Single-occupied vehicles would pay a fee for lane usage.
- Build Alternative 4: Add a high-occupancy toll lane in each direction for free use by vehicles with three or more riders (HOT 3+). Vehicles with less than three riders would pay a fee for lane usage.
- Build Alternative 4b (preferred): Add a high-occupancy toll lane in each direction for free use by vehicles with three or more riders (HOT 3+) and build an I-80 managed lane direct connector. Vehicles with less than three riders would pay a fee for lane usage.
- Build Alternative 5: Add an express lane in each direction (i.e., everyone would pay a fee to use the lane, regardless of the number of riders).
- Build Alternative 5b: Add an express lane in each direction (i.e., everyone would pay a fee to use the lane, regardless of number of riders), and build an I-80 managed lane direct connector.
- Build Alternative 6: Add a transit-only lane in each direction.
- Build Alternative 6b: Add a transit-only lane in each direction and build an I-80 managed lane direct connector.
- Build Alternative 7a: Repurpose the current number one general-purpose lane for use by vehicles with two or more riders (HOV 2+); no new lanes would be constructed.
- Build Alternative 7b: Repurpose the current number one general-purpose lane for use by vehicles with two or more riders (HOV 2+); no new lanes would be constructed. Build an I-80 managed lane direct connector.

Type of Project:

Change to existing state highway

County:

Solano/Yolo/Sacramento

POAQC Determination–Project Summary for Interagency Consultation

<p>Narrative Location/Route & Post Miles: The project is located in Solano, Yolo, and Sacramento Counties on the I-80 corridor between post miles (PMs) 40.7 and 44.7 in Solano County, PMs between PMs 0.00 and 11.72 in Yolo County, and between PMs 0.00 and 1.36 in Sacramento County; on the US-50 corridor between PMs 0.00 and 3.12 in Yolo County and between PMs 0.00 and 0.617 in Sacramento County. In Solano County, A Changeable Message Sign Board will be set up without altering the freeway layout. Caltrans Projects – EA#: 03-3H900</p>																			
<p>Lead Agency: Caltrans</p>																			
<p>Contact Person: Jason Lee</p>		<p>Email: Jason.Lee@dot.ca.gov</p>																	
<p>Phone#: 916-275-2926</p>																			
<p>Hot Spot Pollutant of Concern <i>(check one or both)</i> PM2.5 <input checked="" type="checkbox"/> PM10 <input type="checkbox"/></p>																			
<p>Is this a 23 USC 326 or a 23 USC 327 federal process under MAP-21 (formerly 6004 and 6005)? Typically, EA or above is a 23 USC 327 project. <i>(check one)</i> 23 USC 326 <input type="checkbox"/> 23 USC 327 <input checked="" type="checkbox"/></p>																			
<p>Federal Action for which Project-Level PM Conformity is Needed <i>(check appropriate box)</i> Categorical Exclusion (NEPA) <input type="checkbox"/> EA or Draft EIS <input checked="" type="checkbox"/> FONSI or Final EIS <input type="checkbox"/></p>																			
<p>Scheduled Date of Federal Action: TBD</p>																			
<p>Current Programming Dates <i>(as appropriate)</i></p> <table border="1"> <thead> <tr> <th></th> <th>PE/Environmental</th> <th>ENG</th> <th>ROW</th> <th>CON</th> </tr> </thead> <tbody> <tr> <td>Start</td> <td>10/09/2019</td> <td>4/15/2022</td> <td>4/15/202024</td> <td>9/30/2024</td> </tr> <tr> <td>End</td> <td>4/26/2024</td> <td>6/26/2024</td> <td>11/03/2026</td> <td>11/03/2026</td> </tr> </tbody> </table>						PE/Environmental	ENG	ROW	CON	Start	10/09/2019	4/15/2022	4/15/202024	9/30/2024	End	4/26/2024	6/26/2024	11/03/2026	11/03/2026
	PE/Environmental	ENG	ROW	CON															
Start	10/09/2019	4/15/2022	4/15/202024	9/30/2024															
End	4/26/2024	6/26/2024	11/03/2026	11/03/2026															

<p>Project Purpose and Need (Summary): The purpose of this project is to improve multimodal mobility on the I-80 and US-50 corridors in Yolo and Sacramento Counties. This project will decrease congestion growth through the corridor and the effects congestion has on transit and freight. It will improve travel transit times, reliability, access, and viability through the corridor. This project will also increase people throughput by increasing transit, bicycle/pedestrian, and carpool use. The project will also address non-recurrent congestion caused by incidents, including collisions, by improving incident detection, verification, response and clearing.</p>
<p>Surrounding Land Use/Traffic Generators (Describe effect of traffic generators or diesel traffic): The proposed segments of the I-80 and US-50 are adjacent to a variety of land uses and receptors, including multi-family and single-family residential areas, parks, schools, medical centers and commercial land uses. Land uses within the 500-foot zone along each side of the I-80/US 50 project segment include the following:</p> <ul style="list-style-type: none"> • Residential uses including single-family and multi-family residences; • Local parks including Davis Soccer Fields; • Yolo High school
<p>Opening Year: Build and No-Build Please see table 1 - 6</p>
<p>MTIP Horizon Year/Design Year: Build and No-Build Please see table 1-2, 7-10, 11-24</p>
<p>Describe potential traffic redistribution effects of congestion relief (impact on other facilities): This mobility improvement will be accomplished with eastbound and westbound managed lane strategies. The Project will help relieve current traffic congestion, which will result in improved traffic flow, mobility, travel time, and reliability. In addition, the Project will improve transit access and reduce vehicle emissions and travel costs.</p>

Comments/Explanations/Details *(attach additional sheets as necessary):*

The YOL-80 Manage Lanes project falls within the category of new or expanded highway projects that do not involve a significant number or increase in the number of diesel vehicles. The previous 2006 Transportation Conformity Guidance for Qualitative Hot-Spot Analyses in PM2.5 and PM10 Nonattainment and Maintenance Areas defined significant diesel volumes as being 8% of annual average daily traffic (EPA 2006b). The existing truck traffic conditions of the project limit are consisted of light duty trucks (gasoline) about 30% and heavy duty trucks (diesel) about 70% (Table 15). The following explanations are based on comparisons of Build Alt 4B and No Build Alt 1. The opening year 2029 AADT, along all segments of I-80 and US-50 highway, are projected to be above 150,000 average daily traffic and the average truck percentage along segments of I-80 and US-50 within the project limit range from 6.4 to 7.8 percent (Tables 5), which are estimated with diesel truck traffic about 4.5 to 5.5 percent.

All the build options with heavy truck traffic would be less than the percentage of diesel trucks (i.e. 8%) considered to be significant pursuant to the PM Guidance. Implementation of the proposed project is anticipated to increase VMT on the affected portion of I-80 and US-50; however, the proposed project would not induce significant diesel truck traffic and the truck percentage would change from the truck traffic of No Build with Alt 4B HOT3+, which is not a substantial increase, about 8.6%, 5.9%, and 4.6% from opening year 2029, MTIP year 2040, and design year 2049 respectively, after the project (Table 2). The proposed project is not a land use that would require additional diesel truck traffic as part of its operation. Thus, the proposed project is not considered to induce a significant amount of diesel truck traffic and would not substantially increase diesel truck traffic along the affected portions of I-80 and US-50.

[Source – Traffic Data by Fehr and Peers, 2021]

Figure 1. Project Segment Map



Table 1. No-Build and Alternative 1 and 2a-7a Option Comparison of Total AADT, Total Truck AADT, Total Truck% Change for the Opening Year (2029), MTIP Year (2040), and Design Year (2049) (Source-Fehr and Peers, 2021).

Opening Year 2029	2019 Existing	2029 Alt 1 No Build	2029 Alt 2a Add HOV2+	2029 Alt 3a Add HOT2+	2029 Alt 4a Add HOT 3+	2029 Alt 5a Add Toll	2029 Alt 6a Add Transit	2029 Alt 7a Convert HOV
AADT	150,411	157,663	173,786	173,806	171,958	169,971	160,847	156,565
Truck AADT	11,577	12,114	13,352	13,354	13,212	13,059	12,359	12,029
Truck Difference from No Build			1,238	1,240	1,098	945	245	-85
Truck% Change From No Build			10.2%	10.2%	9.1%	7.8%	2.0%	-0.7%
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MTP Year 2040	2019 Existing	2040 Alt 1 No Build	2040 Alt 2a Add HOV2+	2040 Alt 3a Add HOT2+	2040 Alt 4a Add HOT 3+	2040 Alt 5a Add Toll	2040 Alt 6a Add Transit	2040 Alt 7a Convert HOV
AADT	150,411	162,995	175,741	175,832	173,350	172,582	163,081	159,511
Truck AADT	11,577	12,524	13,504	13,511	13,320	13,261	12,531	12,257
Truck Difference from No Build			980	987	796	737	7	-267
Truck% Change From No Build			7.8%	7.9%	6.4%	5.9%	0.1%	-2.1%
<hr/>								
Design Year 2049	2019 Existing	2049 Alt 1 No Build	2049 Alt 2a Add HOV2+	2049 Alt 3a Add HOT2+	2049 Alt 4a Add HOT 3+	2049 Alt 5a Add Toll	2049 Alt 6a Add Transit	2049 Alt 7a Convert HOV
AADT	150,411	180,290	190,362	188,292	186,374	186,374	176,866	174,064
Truck AADT	11,577	13,852	14,599	14,624	14,465	14,318	13,587	13,372
Truck Difference from No Build			747	772	613	466	-265	-480
Truck% Change From No Build			5.4%	5.6%	4.4%	3.4%	-1.9%	-3.5%

REVISED 4/12/2024

POAQC Determination–Project Summary for Interagency Consultation

Table 2. No-Build and Alternative 1 and 2b-7b Option Comparison of Total AADT, Total Truck AADT, Total Truck% Change for the Opening Year (2029), MTIP Year (2040), and Design Year (2049) (Source-Fehr and Peers, 2023).

Opening Year 2029	2019 Existing	2029 Alt 1 No Build	2029 Alt 2b Add HOV2+	2029 Alt 3b Add HOT2+	2029 Alt 4b Add HOT 3+	2029 Alt 5b Add Toll	2029 Alt 6b Add Transit	2029 Alt 7b Convert HOV
AADT	150,411	157,663	174,003	172,609	171,206	169,518	160,847	155,545
Truck AADT	11,135	11,671	12,881	12,778	12,674	12,549	11,907	11,515
Truck Difference from No Build			1,210	1,107	1,003	878	236	-156
Truck% Change From No Build			10.4%	9.5%	8.6%	7.5%	2.0%	-1.3%
MTP Year 2040	2019 Existing	2040 Alt 1 No Build	2040 Alt 2b Add HOV2+	2040 Alt 3b Add HOT2+	2040 Alt 4b Add HOT 3+	2040 Alt 5b Add Toll	2040 Alt 6b Add Transit	2040 Alt 7b Convert HOV
AADT	150,411	162,995	175,630	174,656	172,641	171,930	163,081	158,428
Truck AADT	11,135	12,066	13,001	12,929	12,780	12,727	12,072	11,728
Truck Difference from No Build			935	863	714	661	6	-338
Truck% Change From No Build			7.8%	7.2%	5.9%	5.5%	0.1%	-2.8%
Design Year 2049	2019 Existing	2049 Alt 1 No Build	2049 Alt 2b Add HOV2+	2049 Alt 3b Add HOT2+	2049 Alt 4b Add HOT 3+	2049 Alt 5b Add Toll	2049 Alt 6b Add Transit	2049 Alt 7b Convert HOV
AADT	150,411	180,290	189,710	191,199	188,516	186,600	176,866	174,163
Truck AADT	11,135	13,346	14,044	14,154	13,955	13,813	13,093	12,893
Truck Difference from No Build			698	808	609	467	-253	-453
Truck% Change From No Build			5.2%	6.1%	4.6%	3.5%	-1.9%	-3.4%

Attachment C

Table 3. Alternatives 1 and 2a-7a Comparison of Total AADT and Total Truck% of each roadway segment of opening year 2029 within the project limit (Source-Fehr and Peers, 2021).

RTE	Description	*Segment	2019 Existing	Opening Year 2029 - Total AADT and Total Truck% (2021)							
				Alt 1 No Build	Alt 2a HOV 2+	Alt 3a HOT 2+	Alt 4a HOT 3+	Alt 5a Add Toll	Alt 6a Add Transit	Alt 7a Convert HOV 2+	Truck% of each roadway segment
I-80	Old Davis to Richard Blvd	1	148,424	152,650	163,030	163,200	162,100	160,680	153,910	149,370	7.7%
I-80	Richards Blvd to Mace Blvd		145,339	150,800	165,300	165,600	163,700	161,500	152,500	147,400	7.9%
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		158,596	165,800	187,000	178,800	183,700	180,200	168,800	163,000	7.7%
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		164,928	173,500	186,400	193,400	191,300	189,700	177,400	171,100	7.8%
I-80	Enterprise Blvd/W Capitol Ave to US 50		174,197	190,500	212,500	212,400	210,200	208,100	195,300	191,000	7.8%
US 50	I-80 to Harbor Blvd	3	140,143	146,000	161,600	161,200	159,800	157,300	150,200	147,800	7.6%
US 50	Harbor Blvd to Jefferson Blvd		157,629	166,000	181,900	181,300	179,600	177,300	170,600	167,700	7.6%
US 50	Jefferson Blvd to I-5		198,012	208,500	225,800	225,300	223,300	221,300	212,800	211,300	7.1%
I-80	US 50 to Reed Ave	2	109,938	115,800	126,400	126,500	125,700	124,800	118,200	116,100	7.8%
I-80	Reed Ave to W El Camino Ave		123,530	130,600	141,600	141,800	141,200	140,300	134,200	131,900	7.5%

*segment in the project location map

Table 4. Alternatives 1 and 2a-7a Comparison of Truck AADT of each roadway segment of opening year 2029 within the project limit (Source- Fehr and Peers, 2021).

RTE	Description	*Segment	2019 Existing	Opening Year 2029 - Total Truck (2021)						
				Alt 1 No Build	Alt 2a HOV 2+	Alt 3a HOT 2+	Alt 4a HOT 3+	Alt 5a Add Toll	Alt 6a Add Transit	Alt 7a Convert HOV 2+
I-80	Old Davis to Richard Blvd	1	11,429	11,754	12,553	12,566	12,482	12,372	11,851	11,501
I-80	Richards Blvd to Mace Blvd		11,482	11,913	13,059	13,082	12,932	12,759	12,048	11,645
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		12,212	12,767	14,399	13,768	14,145	13,875	12,998	12,551
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		12,864	13,533	14,539	15,085	14,921	14,797	13,837	13,346
I-80	Enterprise Blvd/W Capitol Ave to US 50		13,587	14,859	16,575	16,567	16,396	16,232	15,233	14,898
US 50	I-80 to Harbor Blvd	3	10,651	11,096	12,282	12,251	12,145	11,955	11,415	11,233
US 50	Harbor Blvd to Jefferson Blvd		11,980	12,616	13,824	13,779	13,650	13,475	12,966	12,745
US 50	Jefferson Blvd to I-5		14,059	14,804	16,032	15,996	15,854	15,712	15,109	15,002
I-80	US 50 to Reed Ave	2	8,575	9,032	9,859	9,867	9,805	9,734	9,220	9,056
I-80	Reed Ave to W El Camino Ave		9,265	9,795	10,620	10,635	10,590	10,523	10,065	9,893

*segment in the project location map

Table 5. Alternatives 1 and 2b-7b Comparison of Total AADT and Total Truck% of each roadway segment of opening year 2029 within the project limit (Source-Fehr and Peers, 2023).

RTE	Description	*Segment	2019 Existing	Opening Year 2029 - Total AADT and Total Truck% (2023)							
				Alt 1 No Build	Alt 2b HOV 2+	Alt 3b HOT 2+	Alt 4b HOT 3+	Alt 5b Add Toll	Alt 6b Add Transit	Alt 7b Convert HOV 2+	Truck% of each roadway segment
I-80	Old Davis to Richard Blvd	1	148,424	152,650	162,960	162,910	161,810	160,590	153,910	149,280	7.6%
I-80	Richards Blvd to Mace Blvd		145,339	150,800	165,310	165,310	163,410	161,410	152,500	147,310	7.8%
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		158,596	165,800	187,110	186,910	183,510	180,210	168,800	163,110	7.7%
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		164,928	173,500	193,310	193,010	190,810	189,410	177,400	170,910	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50		174,197	190,500	212,810	212,210	210,110	208,210	195,300	191,110	7.3%
US 50	I-80 to Harbor Blvd	3	140,143	146,000	162,300	161,540	160,080	157,640	150,200	148,130	7.3%
US 50	Harbor Blvd to Jefferson Blvd		157,629	166,000	182,800	181,840	180,080	177,940	170,600	168,330	7.2%
US 50	Jefferson Blvd to I-5		198,012	208,500	226,400	225,840	223,780	221,940	212,800	211,930	6.4%
I-80	US 50 to Reed Ave	2	109,938	115,800	126,800	120,920	122,500	122,430	118,200	110,600	7.0%
I-80	Reed Ave to W El Camino Ave		123,530	130,600	141,700	136,020	137,900	137,730	134,200	126,300	6.7%

*segment in the project location map

Table 6. Comparison of Truck AADT of Alternatives 1, 2b-7b of each roadway segment of opening year 2029 within the project limit (Source-Fehr and Peers, 2023).

RTE	Description	*Segment	2019 Existing	Opening Year 2029 - Total Truck (2023)						
				Alt 1 No Build	Alt 2b HOV 2+	Alt 3b HOT 2+	Alt 4b HOT 3+	Alt 5b Add Toll	Alt 6b Add Transit	Alt 7b Convert HOV 2+
I-80	Old Davis to Richard Blvd	1	11,309	11,631	12,416	12,412	12,329	12,236	11,727	11,374
I-80	Richards Blvd to Mace Blvd		11,375	11,802	12,937	12,937	12,789	12,632	11,935	11,529
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		12,228	12,783	14,426	14,411	14,148	13,894	13,014	12,576
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		12,679	13,338	14,861	14,838	14,669	14,562	13,638	13,139
I-80	Enterprise Blvd/W Capitol Ave to US 50		12,636	13,818	15,437	15,393	15,241	15,103	14,167	13,863
US 50	I-80 to Harbor Blvd	3	10,188	10,614	11,799	11,744	11,638	11,461	10,920	10,769
US 50	Harbor Blvd to Jefferson Blvd		11,404	12,009	13,225	13,155	13,028	12,873	12,342	12,178
US 50	Jefferson Blvd to I-5		12,744	13,419	14,572	14,536	14,403	14,285	13,696	13,640
I-80	US 50 to Reed Ave	2	7,724	8,135	8,908	8,495	8,606	8,601	8,304	7,770
I-80	Reed Ave to W El Camino Ave		8,321	8,797	9,545	9,162	9,289	9,277	9,040	8,507

*segment in the project location map

Table 7. Comparison of Total AADT and Total Truck% of Alternatives 1, 2a-7a of each roadway segment of MTIP Year 2040 within the project limit (Source-Fehr and Peers, 2021).

RTE	Description	*Segment	2019 Existing	MTIP Year 2040- - Total AADT and Total Truck% (2021)							
				Alt 1 No Build	Alt 2a HOV 2+	Alt 3a HOT 2+	Alt 4a HOT 3+	Alt 5a Add Toll	Alt 6a Add Transit	Alt 7a Convert HOV 2+	Truck% of each roadway segment
I-80	Old Davis to Richard Blvd	1	148,424	157,700	167,700	168,000	166,100	165,400	157,700	153,900	7.7%
I-80	Richards Blvd to Mace Blvd		145,339	154,100	167,300	167,500	164,900	163,900	154,000	149,700	7.9%
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		158,596	169,800	188,900	189,000	185,600	184,700	169,800	164,700	7.7%
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		164,928	178,300	195,200	195,300	192,200	191,400	178,400	173,900	7.8%
I-80	Enterprise Blvd/W Capitol Ave to US 50		174,197	195,800	212,000	212,000	208,900	207,900	196,000	192,600	7.8%
US 50	I-80 to Harbor Blvd	3	140,143	150,100	159,900	160,100	158,000	158,000	150,800	149,000	7.6%
US 50	Harbor Blvd to Jefferson Blvd		157,629	168,400	178,300	178,100	176,300	176,600	169,100	166,800	7.6%
US 50	Jefferson Blvd to I-5		198,012	222,600	233,600	233,500	231,900	232,400	222,900	220,600	7.1%
I-80	US 50 to Reed Ave	2	109,938	122,200	128,800	128,900	127,100	125,500	122,100	119,800	7.8%
I-80	Reed Ave to W El Camino Ave		123,530	139,100	144,800	144,800	143,000	141,600	138,800	136,700	7.5%

*segment in the project location map

Table 8. Comparison of Truck AADT of Alternatives 1, 2a-7a of each roadway segment of MTIP Year 2040 within the project limit (Source-Fehr and Peers, 2021).

RTE	Description	*Segment	2019 Existing	MTIP Year 2040 - Total Truck (2021)						
				Alt 1 No Build	Alt 2a HOV 2+	Alt 3a HOT 2+	Alt 4a HOT 3+	Alt 5a Add Toll	Alt 6a Add Transit	Alt 7a Convert HOV 2+
I-80	Old Davis to Richard Blvd	1	11,429	12,143	12,913	12,936	12,790	12,736	12,143	11,850
I-80	Richards Blvd to Mace Blvd		11,482	12,174	13,217	13,233	13,027	12,948	12,166	11,826
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		12,212	13,075	14,545	14,553	14,291	14,222	13,075	12,682
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		12,864	13,907	15,226	15,233	14,992	14,929	13,915	13,564
I-80	Enterprise Blvd/W Capitol Ave to US 50		13,587	15,272	16,536	16,536	16,294	16,216	15,288	15,023
US 50	I-80 to Harbor Blvd	3	10,651	11,408	12,152	12,168	12,008	12,008	11,461	11,324
US 50	Harbor Blvd to Jefferson Blvd		11,980	12,798	13,551	13,536	13,399	13,422	12,852	12,677
US 50	Jefferson Blvd to I-5		14,059	15,805	16,586	16,579	16,465	16,500	15,826	15,663
I-80	US 50 to Reed Ave	2	8,575	9,532	10,046	10,054	9,914	9,789	9,524	9,344
I-80	Reed Ave to W El Camino Ave		9,265	10,433	10,860	10,860	10,725	10,620	10,410	10,253

*segment in the project location map

Table 9. Alternatives 1 and 2b-7b Comparison of Total AADT and Total Truck% of each Eastbound roadway segment of MTIP Year 2040 within the project limit (Source-Fehr and Peers, 2023).

RTE	Description	*Segment	2019 Existing	MTIP Year 2040 - Total AADT and Total Truck% (2023)							
				Alt 1 No Build	Alt 2b HOV 2+	Alt 3b HOT 2+	Alt 4b HOT 3+	Alt 5b Add Toll	Alt 6b Add Transit	Alt 7b Convert HOV 2+	Truck% of each roadway segment
I-80	Old Davis to Richard Blvd	1	148,424	157,700	167,610	168,110	166,410	165,710	157,700	153,910	7.6%
I-80	Richards Blvd to Mace Blvd		145,339	154,100	167,010	167,610	165,210	164,210	154,000	149,710	7.8%
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		158,596	169,800	188,810	189,310	186,210	185,310	169,800	164,910	7.7%
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		164,928	178,300	195,110	195,610	192,810	192,010	178,400	174,110	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50		174,197	195,800	211,810	212,010	209,210	208,110	196,000	192,510	7.3%
US 50	I-80 to Harbor Blvd	3	140,143	150,100	160,200	159,850	157,950	158,130	150,800	148,780	7.3%
US 50	Harbor Blvd to Jefferson Blvd		157,629	168,400	178,500	177,850	176,150	176,630	169,100	166,580	7.2%
US 50	Jefferson Blvd to I-5		198,012	222,600	233,900	233,250	231,750	232,430	222,900	220,380	6.4%
I-80	US 50 to Reed Ave	2	109,938	122,200	128,400	122,490	122,120	120,640	122,100	114,090	7.0%
I-80	Reed Ave to W El Camino Ave		123,530	139,100	144,400	138,290	137,920	136,640	138,800	130,990	6.7%

*segment in the project location map

Table 10. Alternatives 1 and 2b-7b Comparison of Truck AADT of each roadway segment of MTIP Year 2040 within the project limit (Source-Fehr and Peers, 2023).

RTE	Description	*Segment	2019 Existing	MTIP Year 2040 - Total Truck (2023)						
				Alt 1 No Build	Alt 2b HOV 2+	Alt 3b HOT 2+	Alt 4b HOT 3+	Alt 5b Add Toll	Alt 6b Add Transit	Alt 7b Convert HOV 2+
I-80	Old Davis to Richard Blvd	1	11,309	12,015	12,770	12,809	12,679	12,626	12,015	11,727
I-80	Richards Blvd to Mace Blvd		11,375	12,060	13,071	13,117	12,930	12,851	12,052	11,717
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		12,228	13,091	14,557	14,596	14,357	14,287	13,091	12,714
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		12,679	13,707	15,000	15,038	14,823	14,761	13,715	13,385
I-80	Enterprise Blvd/W Capitol Ave to US 50		12,636	14,203	15,364	15,379	15,176	15,096	14,217	13,964
US 50	I-80 to Harbor Blvd	3	10,188	10,912	11,647	11,621	11,483	11,496	10,963	10,816
US 50	Harbor Blvd to Jefferson Blvd		11,404	12,183	12,914	12,867	12,744	12,778	12,234	12,051
US 50	Jefferson Blvd to I-5		12,744	14,327	15,054	15,012	14,916	14,960	14,346	14,184
I-80	US 50 to Reed Ave	2	7,724	8,585	9,021	8,605	8,579	8,475	8,578	8,015
I-80	Reed Ave to W El Camino Ave		8,321	9,370	9,727	9,315	9,290	9,204	9,349	8,823

*segment in the project location map

Table 11. Alternatives 1 and 2a-7a Comparison of Total AADT and Total Truck% of each roadway segment of Design Year 2049 within the project limit (Source-Fehr and Peers, 2021).

RTE	Description	*Segment	2019 Existing	Design Year 2049 - Total AADT and Total Truck% (2021)							
				Alt 1 No Build	Alt 2a HOV 2+	Alt 3a HOT 2+	Alt 4a HOT 3+	Alt 5a Add Toll	Alt 6a Add Transit	Alt 7a Convert HOV 2+	Truck% of each roadway segment
I-80	Old Davis to Richard Blvd	1	148,424	166,000	175,400	175,700	174,300	173,000	164,900	162,700	7.7%
I-80	Richards Blvd to Mace Blvd		145,339	163,700	176,100	176,300	174,200	171,800	161,900	159,000	7.9%
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		158,596	183,400	202,000	202,300	198,300	194,100	180,100	176,600	7.7%
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		164,928	198,700	209,500	210,200	207,800	206,900	193,200	189,300	7.8%
I-80	Enterprise Blvd/W Capitol Ave to US 50		174,197	219,600	229,800	230,500	228,100	226,800	215,000	211,400	7.8%
US 50	I-80 to Harbor Blvd	3	140,143	169,300	175,100	175,600	173,300	172,300	167,100	165,200	7.6%
US 50	Harbor Blvd to Jefferson Blvd		157,629	186,300	193,400	193,300	191,300	190,200	184,900	183,300	7.6%
US 50	Jefferson Blvd to I-5		198,012	249,700	255,500	255,400	255,600	252,500	246,900	247,500	7.1%
I-80	US 50 to Reed Ave	2	109,938	141,100	145,200	145,500	144,400	143,000	137,000	134,200	7.8%
I-80	Reed Ave to W El Camino Ave		123,530	163,400	165,300	165,600	164,800	163,500	158,200	155,200	7.5%

*segment in the project location map

Table 12. Alternatives 1 and 2a-7a Comparison of Truck AADT of each roadway segment of Design Year 2049 within the project limit (Source-Fehr and Peers, 2021)

RTE	Description	*Segment	2019 Existing	Design Year 2049 - Total Truck (2021)						
				Alt 1 No Build	Alt 2a HOV 2+	Alt 3a HOT 2+	Alt 4a HOT 3+	Alt 5a Add Toll	Alt 6a Add Transit	Alt 7a Convert HOV 2+
I-80	Old Davis to Richard Blvd	1	11,429	12,782	13,506	13,529	13,421	13,321	12,697	12,528
I-80	Richards Blvd to Mace Blvd		11,482	12,932	13,912	13,928	13,762	13,572	12,790	12,561
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		12,212	14,122	15,554	15,577	15,269	14,946	13,868	13,598
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		12,864	15,499	16,341	16,396	16,208	16,138	15,070	14,765
I-80	Enterprise Blvd/W Capitol Ave to US 50		13,587	17,129	17,924	17,979	17,792	17,690	16,770	16,489
US 50	I-80 to Harbor Blvd	3	10,651	12,867	13,308	13,346	13,171	13,095	12,700	12,555
US 50	Harbor Blvd to Jefferson Blvd		11,980	14,159	14,698	14,691	14,539	14,455	14,052	13,931
US 50	Jefferson Blvd to I-5		14,059	17,729	18,141	18,133	18,148	17,928	17,530	17,573
I-80	US 50 to Reed Ave	2	8,575	11,006	11,326	11,349	11,263	11,154	10,686	10,468
I-80	Reed Ave to W El Camino Ave		9,265	12,255	12,398	12,420	12,360	12,263	11,865	11,640

*segment in the project location map

Table 13. Alternatives 1 and 2b-7b Comparison of Total AADT and Total Truck% of each roadway segment of Design Year 2049 within the project limit (Source-Fehr and Peers, 2023)

RTE	Description	*Segment	2019 Existing	Design Year 2049 - Total AADT and Total Truck% (2023)							
				Alt 1 No Build	Alt 2b HOV 2+	Alt 3b HOT 2+	Alt 4b HOT 3+	Alt 5b Add Toll	Alt 6b Add Transit	Alt 7b Convert HOV 2+	Truck% of each roadway segment
I-80	Old Davis to Richard Blvd	1	148,424	166,000	174,810	176,510	174,310	172,910	164,900	162,510	7.6%
I-80	Richards Blvd to Mace Blvd		145,339	163,700	175,310	177,110	174,210	171,710	161,900	158,810	7.8%
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		158,596	183,400	201,410	203,310	198,510	194,210	180,100	176,510	7.7%
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		164,928	198,700	209,310	211,510	208,310	207,510	193,200	189,710	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50		174,197	219,600	229,610	231,810	228,510	227,410	215,000	211,810	7.3%
US 50	I-80 to Harbor Blvd	3	140,143	169,300	174,800	176,090	173,280	172,510	167,100	165,280	7.3%
US 50	Harbor Blvd to Jefferson Blvd		157,629	186,300	193,000	193,890	191,480	190,410	184,900	183,480	7.2%
US 50	Jefferson Blvd to I-5		198,012	249,700	255,700	256,490	255,780	252,710	246,900	247,680	6.4%
I-80	US 50 to Reed Ave	2	109,938	141,100	145,300	145,810	144,720	143,190	137,000	134,320	7.0%
I-80	Reed Ave to W El Camino Ave		123,530	163,400	165,400	165,910	165,020	163,790	158,200	155,420	6.7%

*segment in the project location map

Table 14. Alternatives 1 and 2b-7b Comparison of Truck AADT of each roadway segment of Design Year 2049 within the project limit (Source-Fehr and Peers, 2023)

RTE	Description	*Segment	2019 Existing	Design Year 2049 - Total Truck (2023)						
				Alt 1 No Build	Alt 2b HOV 2+	Alt 3b HOT 2+	Alt 4b HOT 3+	Alt 5b Add Toll	Alt 6b Add Transit	Alt 7b Convert HOV 2+
I-80	Old Davis to Richard Blvd	1	11,309	12,648	13,319	13,449	13,281	13,174	12,564	12,382
I-80	Richards Blvd to Mace Blvd		11,375	12,811	13,720	13,861	13,634	13,438	12,671	12,429
I-80	Mace Blvd to Chiles Rd/Country Rd 32A		12,228	14,140	15,529	15,675	15,305	14,973	13,886	13,609
I-80	Chiles Rd/Country Rd 32A to Enterprise Blvd/W Capitol Ave		12,679	15,276	16,091	16,261	16,015	15,953	14,853	14,585
I-80	Enterprise Blvd/W Capitol Ave to US 50		12,636	15,929	16,655	16,815	16,575	16,496	15,596	15,364
US 50	I-80 to Harbor Blvd	3	10,188	12,308	12,708	12,802	12,598	12,542	12,148	12,016
US 50	Harbor Blvd to Jefferson Blvd		11,404	13,478	13,963	14,027	13,853	13,775	13,377	13,274
US 50	Jefferson Blvd to I-5		12,744	16,071	16,457	16,508	16,463	16,265	15,891	15,941
I-80	US 50 to Reed Ave	2	7,724	9,913	10,208	10,244	10,167	10,060	9,625	9,436
I-80	Reed Ave to W El Camino Ave		8,321	11,006	11,141	11,176	11,116	11,033	10,656	10,469

*segment in the project location map

Table 15. Existing Conditions (2016) of Truck AADT and Truck% by Axle of the project limit (Source-Caltrans)

RTE	CNTY	Post Mile	Description	*Segment	Total AADT	Truck AADT	Truck %	Truck AADT by Axle				Total % Truck AADT by Axle			
								2	3	4	5+	2	3	4	5+
I-80	SOL	42.67	JCT. RTE. 113 NORTH	1-2	133,000	8,910	6.7	2,584	864	365	5,097	29%	10%	4%	54%
I-80	YOL	0.237	RICHARDS BLVD		136,700	11,989	8.77	3,419	908	412	7,250	28.52%	8%	3%	60%
I-80	YOL	R9.905	WEST SACRAMENTO, JCT. RTE. 50		155,300	11,445	7.37	3,264	866	394	6,921	28.52%	8%	3%	60%
I-80	YOL	R11.228	JCT. RTE. 84 EAST		92,200	9,211	9.99	3,444	1,011	645	4,111	37.39%	11%	7%	45%
I-80	SAC	M2.554	SACRAMENTO, JCT. RTE. 5		143,900	8,245	5.73	2,671	1,072	412	4,090	32.4%	13%	5%	50%
US 50	YOL	0.35	WEST SACRAMENTO JCT. RTE. 80	3	119,600	8,838	7.39	3,518	732	325	4,263	39.81%	8%	4%	48%
US 50	YOL	2.498	JCT. RTE. 84		129,000	7,263	5.63	3,080	685	304	3,194	42.41%	9%	4%	44%
US 50	SAC	L0.35	SACRAMENTO, JCT. RTE. 5		125,000	5,039	4.03	2,137	475	211	2,216	42.41%	9%	4%	44%

*segment in the project location map

2040 Daily Total Volume (AADT)			2019 Existing			Alt 1 (No Build)			Alt 2 (Add HOV)			Alt 3 (Add HOT)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	67,910	80,514	148,424	72,200	85,500	157,700	77,400	90,300	167,700	77,300	90,700	168,000
I-80	Richards Blvd to Mace Blvd	2.44	66,330	79,009	145,339	70,300	83,800	154,100	76,700	90,600	167,300	76,600	90,900	167,500
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	73,774	84,822	158,596	79,400	90,400	169,800	87,600	101,300	188,900	87,600	101,400	189,000
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	77,369	87,559	164,928	83,500	94,800	178,300	91,100	104,100	195,200	91,100	104,200	195,300
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	83,256	90,941	174,197	93,300	102,500	195,800	100,600	111,400	212,000	100,600	111,400	212,000
US 50	I-80 to Harbor Blvd	1.20	70,797	69,346	140,143	76,600	73,500	150,100	80,400	79,500	159,900	80,500	79,600	160,100
US 50	Harbor Blvd to Jefferson Blvd	1.29	76,405	81,224	157,629	83,100	85,300	168,400	87,100	91,200	178,300	86,900	91,200	178,100
US 50	Jefferson Blvd to I-5	1.01	97,458	100,554	198,012	107,500	115,100	222,600	112,900	120,700	233,600	112,600	120,900	233,500
I-80	US 50 to Reed Ave	1.63	50,401	59,537	109,938	55,700	66,500	122,200	58,600	70,200	128,800	58,700	70,200	128,900
I-80	Reed Ave to W El Camino Ave	1.85	55,639	67,891	123,530	62,900	76,200	139,100	65,300	79,500	144,800	65,200	79,600	144,800
I-80	Old Davis Rd to US 50	10.80	72,875	84,085	156,960	78,285	90,188	168,473	85,444	98,739	184,183	85,408	98,920	184,328
US 50	I-80 to I-5	3.50	80,528	82,698	163,226	87,879	89,810	177,688	92,212	95,658	187,870	92,087	95,750	187,836
I-80	US 50 to W El Camino Ave	3.48	53,184	63,976	117,160	59,526	71,654	131,180	62,160	75,141	137,301	62,154	75,195	137,348
Total		17.78	70,532	79,879	150,411	76,506	86,489	162,995	82,224	93,517	175,741	82,176	93,656	175,832

2040 Daily Truck Percentage			2019 Existing			Alt 1 (No Build)			Alt 2 (Add HOV)			Alt 3 (Add HOT)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2040 Daily Truck Volume (AADT)			2019 Existing			Alt 1 (No Build)			Alt 2 (Add HOV)			Alt 3 (Add HOT)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,019	6,290	11,309	5,336	6,679	12,015	5,720	7,054	12,777	5,713	7,086	12,800
I-80	Richards Blvd to Mace Blvd	2.44	4,663	6,712	11,375	4,942	7,119	12,060	5,392	7,696	13,093	5,385	7,722	13,109
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	4,390	7,837	12,228	4,725	8,353	13,091	5,213	9,360	14,564	5,213	9,369	14,572
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	4,606	8,073	12,679	4,971	8,741	13,707	5,424	9,598	15,007	5,424	9,607	15,014
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	6,000	6,636	12,636	6,724	7,479	14,203	7,250	8,129	15,378	7,250	8,129	15,378
US 50	I-80 to Harbor Blvd	1.20	4,840	5,348	10,188	5,237	5,668	10,912	5,497	6,131	11,625	5,504	6,139	11,639
US 50	Harbor Blvd to Jefferson Blvd	1.29	5,886	5,518	11,404	6,401	5,795	12,183	6,709	6,196	12,899	6,694	6,196	12,885
US 50	Jefferson Blvd to I-5	1.01	5,507	7,237	12,744	6,075	8,284	14,327	6,380	8,687	15,035	6,363	8,702	15,029
I-80	US 50 to Reed Ave	1.63	3,632	4,091	7,724	4,014	4,570	8,585	4,223	4,824	9,049	4,230	4,824	9,056
I-80	Reed Ave to W El Camino Ave	1.85	3,885	4,436	8,321	4,392	4,978	9,370	4,560	5,194	9,754	4,553	5,201	9,754
I-80	Old Davis Rd to US 50	10.80	4,689	7,401	12,090	5,037	7,939	12,977	5,497	8,691	14,187	5,495	8,707	14,198
US 50	I-80 to I-5	3.50	5,489	5,975	11,464	5,990	6,489	12,479	6,285	6,912	13,195	6,276	6,918	13,192
I-80	US 50 to W El Camino Ave	3.48	3,770	4,281	8,051	4,219	4,795	9,014	4,406	5,028	9,435	4,405	5,032	9,438
Total		17.78	4,681	6,453	11,135	5,078	6,987	12,066	5,457	7,555	13,010	5,454	7,566	13,016

2040 Daily Total Volume (AADT)			Alt 4 (Add HOT3)			Alt 5 (Add Toll)			Alt 6 (Add Transit)			Alt 7 (Convert HOV)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	76,500	89,600	166,100	76,000	89,400	165,400	72,200	85,500	157,700	70,600	83,300	153,900
I-80	Richards Blvd to Mace Blvd	2.44	75,400	89,500	164,900	74,800	89,100	163,900	70,300	83,700	154,000	68,400	81,300	149,700
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	86,000	99,600	185,600	85,900	98,800	184,700	79,400	90,400	169,800	76,800	87,900	164,700
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	89,800	102,400	192,200	89,800	101,600	191,400	83,500	94,900	178,400	81,400	92,500	173,900
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	99,200	109,700	208,900	99,000	108,900	207,900	93,300	102,700	196,000	91,600	101,000	192,600
US 50	I-80 to Harbor Blvd	1.20	79,700	78,300	158,000	79,700	78,300	158,000	77,000	73,800	150,800	75,100	73,900	149,000
US 50	Harbor Blvd to Jefferson Blvd	1.29	86,200	90,100	176,300	86,400	90,200	176,600	83,500	85,600	169,100	81,400	85,400	166,800
US 50	Jefferson Blvd to I-5	1.01	112,000	119,900	231,900	112,200	120,200	232,400	107,500	115,400	222,900	105,900	114,700	220,600
I-80	US 50 to Reed Ave	1.63	57,600	69,500	127,100	57,100	68,400	125,500	55,600	66,500	122,100	54,700	65,100	119,800
I-80	Reed Ave to W El Camino Ave	1.85	64,100	78,900	143,000	63,700	77,900	141,600	62,700	76,100	138,800	61,800	74,900	136,700
I-80	Old Davis Rd to US 50	10.80	84,113	97,308	181,421	83,877	96,678	180,554	78,285	90,207	168,491	76,177	87,833	164,010
US 50	I-80 to I-5	3.50	91,381	94,610	185,991	91,512	94,733	186,245	88,164	90,110	178,273	86,276	89,869	176,145
I-80	US 50 to W El Camino Ave	3.48	61,054	74,495	135,548	60,607	73,448	134,055	59,373	71,601	130,973	58,473	70,307	128,780
Total		17.78	81,035	92,314	173,350	80,830	91,751	172,582	76,533	86,549	163,081	74,705	84,806	159,511

2040 Daily Truck Percentage			Alt 4 (Add HOT3)			Alt 5 (Add Toll)			Alt 6 (Add Transit)			Alt 7 (Convert HOV)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2040 Daily Truck Volume (AADT)			Alt 4 (Add HOT3)			Alt 5 (Add Toll)			Alt 6 (Add Transit)			Alt 7 (Convert HOV)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,654	7,000	12,655	5,617	6,984	12,602	5,336	6,679	12,015	5,218	6,508	11,726
I-80	Richards Blvd to Mace Blvd	2.44	5,300	7,603	12,905	5,258	7,569	12,827	4,942	7,110	12,052	4,808	6,906	11,716
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	5,118	9,203	14,310	5,112	9,129	14,240	4,725	8,353	13,091	4,570	8,122	12,698
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	5,346	9,441	14,776	5,346	9,368	14,714	4,971	8,750	13,715	4,846	8,529	13,369
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7,149	8,005	15,153	7,135	7,946	15,080	6,724	7,494	14,217	6,601	7,370	13,971
US 50	I-80 to Harbor Blvd	1.20	5,449	6,039	11,487	5,449	6,039	11,487	5,264	5,692	10,963	5,135	5,699	10,832
US 50	Harbor Blvd to Jefferson Blvd	1.29	6,640	6,121	12,755	6,656	6,128	12,776	6,432	5,815	12,234	6,270	5,802	12,067
US 50	Jefferson Blvd to I-5	1.01	6,329	8,630	14,926	6,340	8,651	14,958	6,075	8,306	14,346	5,984	8,255	14,198
I-80	US 50 to Reed Ave	1.63	4,151	4,776	8,929	4,115	4,700	8,817	4,007	4,570	8,578	3,942	4,474	8,416
I-80	Reed Ave to W El Camino Ave	1.85	4,476	5,155	9,632	4,448	5,090	9,538	4,378	4,972	9,349	4,315	4,894	9,208
I-80	Old Davis Rd to US 50	10.80	5,412	8,565	13,974	5,397	8,510	13,907	5,037	7,940	12,978	4,901	7,731	12,633
US 50	I-80 to I-5	3.50	6,228	6,836	13,063	6,237	6,845	13,080	6,009	6,511	12,521	5,880	6,493	12,371
I-80	US 50 to W El Camino Ave	3.48	4,327	4,985	9,314	4,296	4,915	9,212	4,208	4,792	9,000	4,144	4,705	8,849
Total		17.78	5,378	7,458	12,833	5,365	7,412	12,776	5,079	6,992	12,072	4,958	6,851	11,808

2040 Daily Total Volume (AADT)			Alt 8 (Add HOV Med)			Alt 9 (Add HOV no Ent)			Alt 10 (Add GP)			Alt 11 (Add HOT Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	77,300	90,310	167,610	77,400	90,300	167,700	78,000	90,600	168,600	77,300	90,810	168,110
I-80	Richards Blvd to Mace Blvd	2.44	76,500	90,510	167,010	76,800	90,800	167,600	77,300	91,100	168,400	76,600	91,010	167,610
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	87,400	101,410	188,810	87,600	101,700	189,300	88,500	102,400	190,900	87,600	101,710	189,310
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	90,900	104,210	195,110	91,100	104,500	195,600	92,000	105,200	197,200	91,100	104,510	195,610
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	100,300	111,510	211,810	97,000	107,500	204,500	101,500	112,000	213,500	100,400	111,610	212,010
US 50	I-80 to Harbor Blvd	1.20	80,000	80,200	160,200	83,100	80,900	164,000	80,400	79,600	160,000	80,350	79,500	159,850
US 50	Harbor Blvd to Jefferson Blvd	1.29	86,600	91,900	178,500	86,600	89,700	176,300	87,400	91,500	178,900	86,650	91,200	177,850
US 50	Jefferson Blvd to I-5	1.01	112,500	121,400	233,900	113,100	120,700	233,800	113,700	121,700	235,400	112,350	120,900	233,250
I-80	US 50 to Reed Ave	1.63	58,700	69,700	128,400	57,100	69,900	127,000	59,000	70,300	129,300	51,990	70,500	122,490
I-80	Reed Ave to W El Camino Ave	1.85	65,300	79,100	144,400	64,500	79,400	143,900	65,700	79,700	145,400	58,490	79,800	138,290
I-80	Old Davis Rd to US 50	10.80	85,254	98,791	184,044	85,332	98,880	184,212	86,236	99,578	185,815	85,401	99,155	184,555
US 50	I-80 to I-5	3.50	91,775	96,358	188,133	93,013	95,585	188,598	92,553	96,090	188,643	91,871	95,715	187,586
I-80	US 50 to W El Camino Ave	3.48	62,207	74,695	136,901	61,032	74,948	135,980	62,560	75,295	137,855	55,444	75,441	130,885
Total		17.78	82,031	93,599	175,630	82,093	93,550	175,643	82,851	94,142	176,992	80,817	93,840	174,656

2040 Daily Truck Percentage			Alt 8 (Add HOV Med)			Alt 9 (Add HOV no Ent)			Alt 10 (Add GP)			Alt 11 (Add HOT Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2040 Daily Truck Volume (AADT)			Alt 8 (Add HOV Med)			Alt 9 (Add HOV no Ent)			Alt 10 (Add GP)			Alt 11 (Add HOT Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,713	7,055	12,770	5,720	7,054	12,777	5,764	7,078	12,846	5,713	7,094	12,809
I-80	Richards Blvd to Mace Blvd	2.44	5,378	7,689	13,071	5,399	7,713	13,117	5,434	7,739	13,179	5,385	7,731	13,117
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	5,201	9,370	14,557	5,213	9,397	14,595	5,267	9,462	14,718	5,213	9,398	14,596
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	5,412	9,608	15,000	5,424	9,635	15,037	5,477	9,700	15,160	5,424	9,636	15,038
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7,228	8,137	15,364	6,990	7,844	14,834	7,315	8,172	15,487	7,235	8,144	15,379
US 50	I-80 to Harbor Blvd	1.20	5,470	6,185	11,647	5,682	6,239	11,923	5,497	6,139	11,632	5,493	6,131	11,621
US 50	Harbor Blvd to Jefferson Blvd	1.29	6,671	6,243	12,914	6,671	6,094	12,755	6,733	6,216	12,943	6,675	6,196	12,867
US 50	Jefferson Blvd to I-5	1.01	6,357	8,738	15,054	6,391	8,687	15,048	6,425	8,759	15,151	6,349	8,702	15,012
I-80	US 50 to Reed Ave	1.63	4,230	4,790	9,021	4,115	4,803	8,922	4,252	4,831	9,084	3,747	4,845	8,605
I-80	Reed Ave to W El Camino Ave	1.85	4,560	5,168	9,727	4,504	5,188	9,693	4,588	5,207	9,794	4,084	5,214	9,315
I-80	Old Davis Rd to US 50	10.80	5,485	8,696	14,176	5,490	8,704	14,189	5,548	8,765	14,313	5,495	8,728	14,216
US 50	I-80 to I-5	3.50	6,255	6,962	13,213	6,340	6,906	13,246	6,308	6,943	13,249	6,262	6,916	13,175
I-80	US 50 to W El Camino Ave	3.48	4,409	4,999	9,407	4,326	5,016	9,344	4,434	5,039	9,473	3,930	5,049	8,994
Total		17.78	5,444	7,562	13,001	5,449	7,558	13,002	5,499	7,606	13,102	5,364	7,581	12,929

2040 Daily Total Volume (AADT)			Alt 12 (Add HOT3+ Med)			Alt 13 (Add Toll Med)			Alt 14 (Add Transit Med)			Alt 15 (Convert HOV Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	76,500	89,910	166,410	76,000	89,710	165,710	72,200	85,500	157,700	70,500	83,410	153,910
I-80	Richards Blvd to Mace Blvd	2.44	75,400	89,810	165,210	74,800	89,410	164,210	70,300	83,700	154,000	68,300	81,410	149,710
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	86,200	100,010	186,210	86,100	99,210	185,310	79,400	90,400	169,800	76,800	88,110	164,910
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	90,000	102,810	192,810	90,000	102,010	192,010	83,500	94,900	178,400	81,400	92,710	174,110
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	99,200	110,010	209,210	99,000	109,110	208,110	93,300	102,700	196,000	91,400	101,110	192,510
US 50	I-80 to Harbor Blvd	1.20	79,650	78,300	157,950	79,830	78,300	158,130	77,000	73,800	150,800	74,980	73,800	148,780
US 50	Harbor Blvd to Jefferson Blvd	1.29	86,050	90,100	176,150	86,430	90,200	176,630	83,500	85,600	169,100	81,180	85,400	166,580
US 50	Jefferson Blvd to I-5	1.01	111,850	119,900	231,750	112,230	120,200	232,430	107,500	115,400	222,900	105,680	114,700	220,380
I-80	US 50 to Reed Ave	1.63	52,320	69,800	122,120	52,040	68,600	120,640	55,600	66,500	122,100	48,790	65,300	114,090
I-80	Reed Ave to W El Camino Ave	1.85	58,720	79,200	137,920	58,540	78,100	136,640	62,700	76,100	138,800	55,890	75,100	130,990
I-80	Old Davis Rd to US 50	10.80	84,234	97,678	181,912	83,998	97,044	181,042	78,285	90,207	168,491	76,134	88,003	164,137
US 50	I-80 to I-5	3.50	91,265	94,610	185,875	91,577	94,733	186,309	88,164	90,110	178,273	86,091	89,835	175,925
I-80	US 50 to W El Camino Ave	3.48	55,721	74,795	130,515	55,494	73,648	129,141	59,373	71,601	130,973	52,563	70,507	123,070
Total		17.78	80,043	92,598	172,641	79,916	92,013	171,930	76,533	86,549	163,081	73,486	84,942	158,428

2040 Daily Truck Percentage			Alt 12 (Add HOT3+ Med)			Alt 13 (Add Toll Med)			Alt 14 (Add Transit Med)			Alt 15 (Convert HOV Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2040 Daily Truck Volume (AADT)			Alt 12 (Add HOT3+ Med)			Alt 13 (Add Toll Med)			Alt 14 (Add Transit Med)			Alt 15 (Convert HOV Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,654	7,024	12,679	5,617	7,008	12,626	5,336	6,679	12,015	5,210	6,516	11,727
I-80	Richards Blvd to Mace Blvd	2.44	5,300	7,629	12,930	5,258	7,595	12,851	4,942	7,110	12,052	4,801	6,916	11,717
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	5,130	9,241	14,357	5,124	9,167	14,287	4,725	8,353	13,091	4,570	8,141	12,714
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	5,358	9,479	14,823	5,358	9,405	14,761	4,971	8,750	13,715	4,846	8,548	13,385
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7,149	8,027	15,176	7,135	7,962	15,096	6,724	7,494	14,217	6,587	7,378	13,964
US 50	I-80 to Harbor Blvd	1.20	5,446	6,039	11,483	5,458	6,039	11,496	5,264	5,692	10,963	5,126	5,692	10,816
US 50	Harbor Blvd to Jefferson Blvd	1.29	6,629	6,121	12,744	6,658	6,128	12,778	6,432	5,815	12,234	6,253	5,802	12,051
US 50	Jefferson Blvd to I-5	1.01	6,320	8,630	14,916	6,342	8,651	14,960	6,075	8,306	14,346	5,972	8,255	14,184
I-80	US 50 to Reed Ave	1.63	3,771	4,797	8,579	3,750	4,714	8,475	4,007	4,570	8,578	3,516	4,487	8,015
I-80	Reed Ave to W El Camino Ave	1.85	4,100	5,174	9,290	4,088	5,103	9,204	4,378	4,972	9,349	3,903	4,907	8,823
I-80	Old Davis Rd to US 50	10.80	5,419	8,598	14,012	5,404	8,542	13,945	5,037	7,940	12,978	4,898	7,746	12,643
US 50	I-80 to I-5	3.50	6,220	6,836	13,054	6,242	6,845	13,085	6,009	6,511	12,521	5,868	6,491	12,356
I-80	US 50 to W El Camino Ave	3.48	3,949	5,005	8,969	3,933	4,929	8,874	4,208	4,792	9,000	3,726	4,718	8,457
Total		17.78	5,312	7,481	12,780	5,304	7,434	12,727	5,079	6,992	12,072	4,877	6,862	11,728

2029 Daily Total Volume (AADT)			2019 Existing			Alt 1 (No Build)			Alt 2 (Add HOV)			Alt 3 (Add HOT)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	67,910	80,514	148,424	69,900	82,750	152,650	75,200	87,830	163,030	75,300	87,900	163,200
I-80	Richards Blvd to Mace Blvd	2.44	66,330	79,009	145,339	68,600	82,200	150,800	75,900	89,400	165,300	76,100	89,500	165,600
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	73,774	84,822	158,596	77,200	88,600	165,800	87,100	99,900	187,000	87,200	99,900	187,100
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	77,369	87,559	164,928	81,100	92,400	173,500	90,600	102,700	193,300	90,700	102,700	193,400
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	83,256	90,941	174,197	90,900	99,600	190,500	101,500	111,000	212,500	101,400	111,000	212,400
US 50	I-80 to Harbor Blvd	1.20	70,797	69,346	140,143	74,100	71,900	146,000	81,600	80,000	161,600	81,300	79,900	161,200
US 50	Harbor Blvd to Jefferson Blvd	1.29	76,405	81,224	157,629	81,000	85,000	166,000	89,100	92,800	181,900	88,700	92,600	181,300
US 50	Jefferson Blvd to I-5	1.01	97,458	100,554	198,012	102,600	105,900	208,500	111,900	113,900	225,800	111,600	113,700	225,300
I-80	US 50 to Reed Ave	1.63	50,401	59,537	109,938	52,800	63,000	115,800	58,000	68,400	126,400	58,100	68,400	126,500
I-80	Reed Ave to W El Camino Ave	1.85	55,639	67,891	123,530	59,100	71,500	130,600	64,700	76,900	141,600	64,800	77,000	141,800
I-80	Old Davis Rd to US 50	10.80	72,875	84,085	156,960	76,109	88,064	164,173	84,702	97,279	181,981	84,817	97,311	182,128
US 50	I-80 to I-5	3.50	80,528	82,698	163,226	84,837	86,505	171,342	93,075	94,466	187,541	92,738	94,300	187,038
I-80	US 50 to W El Camino Ave	3.48	53,184	63,976	117,160	56,147	67,516	123,664	61,560	72,916	134,476	61,660	72,970	134,629
Total		17.78	70,532	79,879	150,411	73,925	83,738	157,663	81,826	91,960	173,786	81,849	91,957	173,806

2029 Daily Truck Percentage			2019 Existing			Alt 1 (No Build)			Alt 2 (Add HOV)			Alt 3 (Add HOT)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2029 Daily Truck Volume (AADT)			2019 Existing			Alt 1 (No Build)			Alt 2 (Add HOV)			Alt 3 (Add HOT)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,019	6,290	11,309	5,166	6,465	11,631	5,558	6,861	12,421	5,565	6,867	12,434
I-80	Richards Blvd to Mace Blvd	2.44	4,663	6,712	11,375	4,822	6,983	11,802	5,336	7,594	12,937	5,350	7,603	12,960
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	4,390	7,837	12,228	4,594	8,186	12,783	5,183	9,231	14,418	5,189	9,231	14,425
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	4,606	8,073	12,679	4,828	8,519	13,338	5,394	9,469	14,861	5,400	9,469	14,868
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	6,000	6,636	12,636	6,551	7,268	13,818	7,315	8,099	15,414	7,308	8,099	15,407
US 50	I-80 to Harbor Blvd	1.20	4,840	5,348	10,188	5,066	5,545	10,614	5,579	6,170	11,748	5,558	6,162	11,719
US 50	Harbor Blvd to Jefferson Blvd	1.29	5,886	5,518	11,404	6,240	5,775	12,009	6,864	6,305	13,160	6,833	6,291	13,116
US 50	Jefferson Blvd to I-5	1.01	5,507	7,237	12,744	5,798	7,622	13,419	6,323	8,198	14,533	6,306	8,183	14,501
I-80	US 50 to Reed Ave	1.63	3,632	4,091	7,724	3,805	4,329	8,135	4,180	4,700	8,880	4,187	4,700	8,887
I-80	Reed Ave to W El Camino Ave	1.85	3,885	4,436	8,321	4,127	4,671	8,797	4,518	5,024	9,538	4,525	5,031	9,551
I-80	Old Davis Rd to US 50	10.80	4,689	7,401	12,090	4,897	7,752	12,646	5,450	8,563	14,017	5,457	8,566	14,029
US 50	I-80 to I-5	3.50	5,489	5,975	11,464	5,782	6,250	12,034	6,344	6,825	13,171	6,321	6,813	13,136
I-80	US 50 to W El Camino Ave	3.48	3,770	4,281	8,051	3,980	4,518	8,498	4,363	4,880	9,241	4,370	4,883	9,251
Total		17.78	4,681	6,453	11,135	4,906	6,765	11,671	5,431	7,429	12,865	5,432	7,429	12,866

2029 Daily Total Volume (AADT)			Alt 4 (Add HOT3)			Alt 5 (Add Toll)			Alt 6 (Add Transit)			Alt 7 (Convert HOV)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	74,600	87,500	162,100	74,100	86,580	160,680	70,500	83,410	153,910	68,600	80,770	149,370
I-80	Richards Blvd to Mace Blvd	2.44	74,900	88,800	163,700	74,200	87,300	161,500	69,400	83,100	152,500	67,300	80,100	147,400
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	85,700	98,000	183,700	84,500	95,700	180,200	78,700	90,100	168,800	76,300	86,700	163,000
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	89,600	101,700	191,300	89,200	100,500	189,700	83,100	94,300	177,400	80,300	90,800	171,100
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	100,200	110,000	210,200	99,400	108,700	208,100	93,600	101,700	195,300	91,400	99,600	191,000
US 50	I-80 to Harbor Blvd	1.20	80,500	79,300	159,800	79,100	78,200	157,300	76,500	73,700	150,200	74,300	73,500	147,800
US 50	Harbor Blvd to Jefferson Blvd	1.29	87,800	91,800	179,600	86,400	90,900	177,300	83,900	86,700	170,600	81,400	86,300	167,700
US 50	Jefferson Blvd to I-5	1.01	110,400	112,900	223,300	109,100	112,200	221,300	105,300	107,500	212,800	104,400	106,900	211,300
I-80	US 50 to Reed Ave	1.63	57,800	67,900	125,700	57,400	67,400	124,800	54,000	64,200	118,200	53,500	62,600	116,100
I-80	Reed Ave to W El Camino Ave	1.85	64,500	76,700	141,200	64,100	76,200	140,300	61,000	73,200	134,200	60,300	71,600	131,900
I-80	Old Davis Rd to US 50	10.80	83,637	96,217	179,854	82,926	94,688	177,614	77,544	89,474	167,018	75,152	86,280	161,432
US 50	I-80 to I-5	3.50	91,787	93,569	185,355	90,415	92,658	183,073	87,507	88,211	175,718	85,570	87,822	173,392
I-80	US 50 to W El Camino Ave	3.48	61,360	72,576	133,936	60,960	72,076	133,036	57,719	68,982	126,701	57,113	67,382	124,495
Total		17.78	80,886	91,072	171,958	80,106	89,866	169,971	75,630	85,217	160,847	73,677	82,888	156,565

2029 Daily Truck Percentage			Alt 4 (Add HOT3)			Alt 5 (Add Toll)			Alt 6 (Add Transit)			Alt 7 (Convert HOV)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2029 Daily Truck Volume (AADT)			Alt 4 (Add HOT3)			Alt 5 (Add Toll)			Alt 6 (Add Transit)			Alt 7 (Convert HOV)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,513	6,836	12,351	5,476	6,764	12,242	5,210	6,516	11,727	5,070	6,310	11,381
I-80	Richards Blvd to Mace Blvd	2.44	5,265	7,543	12,811	5,216	7,416	12,639	4,879	7,059	11,935	4,731	6,804	11,536
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	5,100	9,055	14,163	5,029	8,842	13,893	4,683	8,325	13,014	4,541	8,011	12,567
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	5,335	9,377	14,707	5,311	9,266	14,584	4,948	8,695	13,638	4,781	8,372	13,154
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7,221	8,027	15,247	7,163	7,932	15,095	6,745	7,421	14,167	6,587	7,268	13,855
US 50	I-80 to Harbor Blvd	1.20	5,504	6,116	11,618	5,408	6,031	11,436	5,230	5,684	10,920	5,080	5,668	10,745
US 50	Harbor Blvd to Jefferson Blvd	1.29	6,763	6,237	12,993	6,656	6,176	12,827	6,463	5,890	12,342	6,270	5,863	12,132
US 50	Jefferson Blvd to I-5	1.01	6,239	8,126	14,372	6,165	8,076	14,243	5,950	7,737	13,696	5,899	7,694	13,600
I-80	US 50 to Reed Ave	1.63	4,165	4,666	8,831	4,137	4,632	8,768	3,892	4,412	8,304	3,856	4,302	8,156
I-80	Reed Ave to W El Camino Ave	1.85	4,504	5,011	9,511	4,476	4,978	9,450	4,260	4,782	9,040	4,211	4,678	8,885
I-80	Old Davis Rd to US 50	10.80	5,381	8,469	13,854	5,335	8,335	13,681	4,989	7,876	12,865	4,835	7,595	12,435
US 50	I-80 to I-5	3.50	6,256	6,761	13,018	6,162	6,695	12,858	5,964	6,374	12,341	5,832	6,345	12,178
I-80	US 50 to W El Camino Ave	3.48	4,349	4,857	9,204	4,321	4,823	9,142	4,091	4,616	8,707	4,048	4,509	8,555
Total		17.78	5,368	7,358	12,730	5,317	7,260	12,583	5,020	6,885	11,907	4,890	6,696	11,590

2029 Daily Total Volume (AADT)			Alt 8 (Add HOV Med)			Alt 9 (Add HOV no Ent)			Alt 10 (Add GP)			Alt 11 (Add HOT Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	75,300	87,660	162,960	75,200	87,370	162,570	75,500	87,760	163,260	75,400	87,510	162,910
I-80	Richards Blvd to Mace Blvd	2.44	76,000	89,310	165,310	75,700	88,900	164,600	76,400	89,400	165,800	76,200	89,110	165,310
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	87,200	99,910	187,110	86,800	99,400	186,200	87,800	99,900	187,700	87,300	99,610	186,910
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	90,600	102,710	193,310	90,200	102,200	192,400	91,000	102,700	193,700	90,600	102,410	193,010
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	101,600	111,210	212,810	95,800	105,100	200,900	101,400	110,900	212,300	101,400	110,810	212,210
US 50	I-80 to Harbor Blvd	1.20	82,100	80,200	162,300	82,300	79,100	161,400	80,300	79,800	160,100	81,740	79,800	161,540
US 50	Harbor Blvd to Jefferson Blvd	1.29	89,600	93,200	182,800	88,300	91,900	180,200	87,900	92,700	180,600	89,240	92,600	181,840
US 50	Jefferson Blvd to I-5	1.01	112,000	114,400	226,400	111,600	113,900	225,500	111,200	113,800	225,000	112,140	113,700	225,840
I-80	US 50 to Reed Ave	1.63	58,300	68,500	126,800	56,400	68,000	124,400	58,100	68,100	126,200	52,520	68,400	120,920
I-80	Reed Ave to W El Camino Ave	1.85	64,800	76,900	141,700	63,900	76,400	140,300	64,700	76,600	141,300	59,020	77,000	136,020
I-80	Old Davis Rd to US 50	10.80	84,768	97,250	182,018	84,229	96,582	180,811	85,173	97,266	182,439	84,846	96,989	181,835
US 50	I-80 to I-5	3.50	93,460	94,826	188,286	92,934	93,824	186,759	91,985	94,331	186,316	93,244	94,266	187,510
I-80	US 50 to W El Camino Ave	3.48	61,754	72,963	134,717	60,385	72,463	132,848	61,607	72,616	134,223	55,974	72,970	128,943
Total		17.78	81,980	92,022	174,003	81,281	91,322	172,603	81,906	91,867	173,773	80,854	91,755	172,609

2029 Daily Truck Percentage			Alt 8 (Add HOV Med)			Alt 9 (Add HOV no Ent)			Alt 10 (Add GP)			Alt 11 (Add HOT Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2029 Daily Truck Volume (AADT)			Alt 8 (Add HOV Med)			Alt 9 (Add HOV no Ent)			Alt 10 (Add GP)			Alt 11 (Add HOT Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,565	6,848	12,416	5,558	6,825	12,386	5,580	6,856	12,439	5,572	6,836	12,412
I-80	Richards Blvd to Mace Blvd	2.44	5,343	7,587	12,937	5,321	7,552	12,882	5,371	7,594	12,976	5,357	7,570	12,937
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	5,189	9,231	14,426	5,165	9,184	14,356	5,225	9,231	14,471	5,195	9,204	14,411
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	5,394	9,470	14,861	5,370	9,423	14,791	5,418	9,469	14,891	5,394	9,442	14,838
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7,322	8,115	15,437	6,904	7,669	14,573	7,308	8,092	15,400	7,308	8,086	15,393
US 50	I-80 to Harbor Blvd	1.20	5,613	6,185	11,799	5,627	6,100	11,734	5,490	6,154	11,639	5,589	6,154	11,744
US 50	Harbor Blvd to Jefferson Blvd	1.29	6,902	6,332	13,225	6,802	6,243	13,037	6,771	6,298	13,066	6,874	6,291	13,155
US 50	Jefferson Blvd to I-5	1.01	6,329	8,234	14,572	6,306	8,198	14,514	6,284	8,191	14,481	6,337	8,183	14,536
I-80	US 50 to Reed Ave	1.63	4,201	4,707	8,908	4,065	4,673	8,740	4,187	4,680	8,866	3,785	4,700	8,495
I-80	Reed Ave to W El Camino Ave	1.85	4,525	5,024	9,545	4,462	4,992	9,450	4,518	5,005	9,518	4,121	5,031	9,162
I-80	Old Davis Rd to US 50	10.80	5,454	8,560	14,020	5,419	8,501	13,927	5,480	8,562	14,053	5,459	8,537	14,006
US 50	I-80 to I-5	3.50	6,370	6,851	13,224	6,334	6,779	13,117	6,269	6,816	13,085	6,355	6,811	13,169
I-80	US 50 to W El Camino Ave	3.48	4,377	4,883	9,257	4,280	4,849	9,129	4,367	4,860	9,223	3,967	4,883	8,861
Total		17.78	5,441	7,434	12,881	5,395	7,378	12,777	5,436	7,422	12,864	5,366	7,413	12,778

2029 Daily Total Volume (AADT)			Alt 12 (Add HOT3+ Med)			Alt 13 (Add Toll Med)			Alt 14 (Add Transit Med)			Alt 15 (Convert HOV Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	74,600	87,210	161,810	74,100	86,490	160,590	70,500	83,410	153,910	68,600	80,680	149,280
I-80	Richards Blvd to Mace Blvd	2.44	74,900	88,510	163,410	74,200	87,210	161,410	69,400	83,100	152,500	67,300	80,010	147,310
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	85,700	97,810	183,510	84,500	95,710	180,210	78,700	90,100	168,800	76,400	86,710	163,110
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	89,400	101,410	190,810	89,000	100,410	189,410	83,100	94,300	177,400	80,200	90,710	170,910
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	100,200	109,910	210,110	99,400	108,810	208,210	93,600	101,700	195,300	91,400	99,710	191,110
US 50	I-80 to Harbor Blvd	1.20	80,980	79,100	160,080	79,540	78,100	157,640	76,500	73,700	150,200	74,730	73,400	148,130
US 50	Harbor Blvd to Jefferson Blvd	1.29	88,280	91,800	180,080	87,040	90,900	177,940	83,900	86,700	170,600	82,030	86,300	168,330
US 50	Jefferson Blvd to I-5	1.01	110,880	112,900	223,780	109,740	112,200	221,940	105,300	107,500	212,800	105,030	106,900	211,930
I-80	US 50 to Reed Ave	1.63	54,400	68,100	122,500	54,830	67,600	122,430	54,000	64,200	118,200	47,900	62,700	110,600
I-80	Reed Ave to W El Camino Ave	1.85	61,100	76,800	137,900	61,430	76,300	137,730	61,000	73,200	134,200	54,600	71,700	126,300
I-80	Old Davis Rd to US 50	10.80	83,570	95,961	179,531	82,859	94,632	177,491	77,544	89,474	167,018	75,145	86,224	161,369
US 50	I-80 to I-5	3.50	92,267	93,500	185,767	90,987	92,623	183,610	87,507	88,211	175,718	86,132	87,788	173,919
I-80	US 50 to W El Camino Ave	3.48	57,960	72,723	130,683	58,337	72,223	130,559	57,719	68,982	126,701	51,460	67,482	118,942
Total		17.78	80,275	90,932	171,206	79,665	89,854	169,518	75,630	85,217	160,847	72,678	82,867	155,545

2029 Daily Truck Percentage			Alt 12 (Add HOT3+ Med)			Alt 13 (Add Toll Med)			Alt 14 (Add Transit Med)			Alt 15 (Convert HOV Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2029 Daily Truck Volume (AADT)			Alt 12 (Add HOT3+ Med)			Alt 13 (Add Toll Med)			Alt 14 (Add Transit Med)			Alt 15 (Convert HOV Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,513	6,813	12,329	5,476	6,757	12,236	5,210	6,516	11,727	5,070	6,303	11,374
I-80	Richards Blvd to Mace Blvd	2.44	5,265	7,519	12,789	5,216	7,408	12,632	4,879	7,059	11,935	4,731	6,797	11,529
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	5,100	9,037	14,148	5,029	8,843	13,894	4,683	8,325	13,014	4,547	8,012	12,576
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	5,323	9,350	14,669	5,299	9,258	14,562	4,948	8,695	13,638	4,775	8,364	13,139
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7,221	8,020	15,241	7,163	7,940	15,103	6,745	7,421	14,167	6,587	7,276	13,863
US 50	I-80 to Harbor Blvd	1.20	5,537	6,100	11,638	5,438	6,023	11,461	5,230	5,684	10,920	5,109	5,661	10,769
US 50	Harbor Blvd to Jefferson Blvd	1.29	6,800	6,237	13,028	6,705	6,176	12,873	6,463	5,890	12,342	6,319	5,863	12,178
US 50	Jefferson Blvd to I-5	1.01	6,266	8,126	14,403	6,201	8,076	14,285	5,950	7,737	13,696	5,935	7,694	13,640
I-80	US 50 to Reed Ave	1.63	3,920	4,680	8,606	3,951	4,645	8,601	3,892	4,412	8,304	3,452	4,309	7,770
I-80	Reed Ave to W El Camino Ave	1.85	4,267	5,018	9,289	4,290	4,985	9,277	4,260	4,782	9,040	3,813	4,684	8,507
I-80	Old Davis Rd to US 50	10.80	5,377	8,447	13,829	5,331	8,330	13,672	4,989	7,876	12,865	4,835	7,590	12,430
US 50	I-80 to I-5	3.50	6,289	6,756	13,047	6,201	6,692	12,895	5,964	6,374	12,341	5,870	6,343	12,215
I-80	US 50 to W El Camino Ave	3.48	4,108	4,867	8,980	4,135	4,833	8,972	4,091	4,616	8,707	3,647	4,516	8,173
Total		17.78	5,328	7,346	12,674	5,287	7,259	12,549	5,020	6,885	11,907	4,824	6,695	11,515

2049 Daily Total Volume (AADT)			2019 Existing			Alt 1 (No Build)			Alt 2 (Add HOV)			Alt 3 (Add HOT)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	67,910	80,514	148,424	76,300	89,700	166,000	81,500	93,900	175,400	81,700	94,600	176,300
I-80	Richards Blvd to Mace Blvd	2.44	66,330	79,009	145,339	75,000	88,700	163,700	81,500	94,600	176,100	81,700	95,200	176,900
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	73,774	84,822	158,596	86,300	97,100	183,400	94,700	107,300	202,000	94,900	108,000	202,900
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	77,369	87,559	164,928	93,600	105,100	198,700	98,900	110,600	209,500	99,500	111,200	210,700
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	83,256	90,941	174,197	105,200	114,400	219,600	110,700	119,100	229,800	111,400	119,700	231,100
US 50	I-80 to Harbor Blvd	1.20	70,797	69,346	140,143	85,800	83,500	169,300	88,900	86,200	175,100	89,300	86,600	175,900
US 50	Harbor Blvd to Jefferson Blvd	1.29	76,405	81,224	157,629	91,500	94,800	186,300	96,000	97,400	193,400	96,100	97,600	193,700
US 50	Jefferson Blvd to I-5	1.01	97,458	100,554	198,012	120,600	129,100	249,700	124,900	130,600	255,500	125,300	131,000	256,300
I-80	US 50 to Reed Ave	1.63	50,401	59,537	109,938	65,000	76,100	141,100	67,200	78,000	145,200	67,400	78,100	145,500
I-80	Reed Ave to W El Camino Ave	1.85	55,639	67,891	123,530	75,300	88,100	163,400	76,200	89,100	165,300	76,400	89,200	165,600
I-80	Old Davis Rd to US 50	10.80	72,875	84,085	156,960	85,576	97,552	183,128	91,973	104,200	196,172	92,326	104,840	197,165
US 50	I-80 to I-5	3.50	80,528	82,698	163,226	97,904	100,775	198,679	101,866	103,093	204,959	102,155	103,419	205,574
I-80	US 50 to W El Camino Ave	3.48	53,184	63,976	117,160	70,473	82,476	152,949	71,982	83,898	155,880	72,182	83,998	156,180
Total		17.78	70,532	79,879	150,411	85,052	95,238	180,290	90,012	100,011	190,023	90,323	100,484	190,807

2049 Daily Truck Percentage			2019 Existing			Alt 1 (No Build)			Alt 2 (Add HOV)			Alt 3 (Add HOT)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2049 Daily Truck Volume (AADT)			2019 Existing			Alt 1 (No Build)			Alt 2 (Add HOV)			Alt 3 (Add HOT)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,019	6,290	11,309	5,639	7,008	12,648	6,023	7,336	13,364	6,038	7,390	13,433
I-80	Richards Blvd to Mace Blvd	2.44	4,663	6,712	11,375	5,272	7,535	12,811	5,729	8,036	13,782	5,743	8,087	13,845
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	4,390	7,837	12,228	5,136	8,972	14,140	5,636	9,914	15,574	5,647	9,979	15,643
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	4,606	8,073	12,679	5,573	9,690	15,276	5,888	10,197	16,106	5,924	10,253	16,198
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	6,000	6,636	12,636	7,581	8,348	15,929	7,978	8,691	16,669	8,028	8,734	16,763
US 50	I-80 to Harbor Blvd	1.20	4,840	5,348	10,188	5,866	6,440	12,308	6,078	6,648	12,730	6,105	6,679	12,788
US 50	Harbor Blvd to Jefferson Blvd	1.29	5,886	5,518	11,404	7,048	6,440	13,478	7,395	6,617	13,992	7,403	6,631	14,013
US 50	Jefferson Blvd to I-5	1.01	5,507	7,237	12,744	6,815	9,292	16,071	7,058	9,400	16,445	7,080	9,429	16,496
I-80	US 50 to Reed Ave	1.63	3,632	4,091	7,724	4,684	5,229	9,913	4,843	5,360	10,201	4,857	5,367	10,222
I-80	Reed Ave to W El Camino Ave	1.85	3,885	4,436	8,321	5,258	5,756	11,006	5,321	5,821	11,134	5,335	5,828	11,155
I-80	Old Davis Rd to US 50	10.80	4,689	7,401	12,090	5,506	8,587	14,106	5,917	9,172	15,110	5,940	9,228	15,187
US 50	I-80 to I-5	3.50	5,489	5,975	11,464	6,673	7,281	13,954	6,943	7,449	14,395	6,963	7,472	14,438
I-80	US 50 to W El Camino Ave	3.48	3,770	4,281	8,051	4,995	5,519	10,510	5,102	5,614	10,712	5,116	5,621	10,732
Total		17.78	4,681	6,453	11,135	5,645	7,694	13,346	5,974	8,080	14,067	5,995	8,118	14,125

2049 Daily Total Volume (AADT)			Alt 4 (Add HOT3)			Alt 5 (Add Toll)			Alt 6 (Add Transit)			Alt 7 (Convert HOV)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	80,600	93,400	174,000	80,100	92,800	172,900	76,000	88,900	164,900	75,000	87,700	162,700
I-80	Richards Blvd to Mace Blvd	2.44	80,000	93,600	173,600	78,900	92,700	171,600	74,500	87,400	161,900	73,100	85,900	159,000
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	93,200	105,100	198,300	92,800	104,300	197,100	85,000	95,100	180,100	83,100	93,500	176,600
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	97,600	109,500	207,100	97,400	109,000	206,400	91,300	101,900	193,200	89,600	99,700	189,300
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	109,300	118,000	227,300	109,100	117,500	226,600	103,900	111,100	215,000	102,100	109,300	211,400
US 50	I-80 to Harbor Blvd	1.20	88,200	85,500	173,700	87,900	85,300	173,200	86,300	80,800	167,100	84,700	80,500	165,200
US 50	Harbor Blvd to Jefferson Blvd	1.29	95,000	96,800	191,800	95,000	96,800	191,800	92,900	92,000	184,900	91,500	91,800	183,300
US 50	Jefferson Blvd to I-5	1.01	125,100	130,000	255,100	124,900	130,400	255,300	120,700	126,200	246,900	122,100	125,400	247,500
I-80	US 50 to Reed Ave	1.63	65,500	76,700	142,200	65,000	75,800	140,800	63,200	73,800	137,000	61,500	72,700	134,200
I-80	Reed Ave to W El Camino Ave	1.85	74,600	88,000	162,600	74,300	87,200	161,500	72,800	85,400	158,200	71,000	84,200	155,200
I-80	Old Davis Rd to US 50	10.80	90,623	102,907	193,530	90,127	102,223	192,350	84,254	95,418	179,672	82,658	93,685	176,343
US 50	I-80 to I-5	3.50	101,314	102,458	203,772	101,153	102,505	203,658	98,622	97,980	196,602	97,957	97,573	195,531
I-80	US 50 to W El Camino Ave	3.48	70,335	82,704	153,039	69,941	81,857	151,799	68,301	79,964	148,264	66,548	78,810	145,358
Total		17.78	88,762	98,868	187,630	88,352	98,296	186,647	83,965	92,901	176,866	82,522	91,542	174,064

2049 Daily Truck Percentage			Alt 4 (Add HOT3)			Alt 5 (Add Toll)			Alt 6 (Add Transit)			Alt 7 (Convert HOV)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2049 Daily Truck Volume (AADT)			Alt 4 (Add HOT3)			Alt 5 (Add Toll)			Alt 6 (Add Transit)			Alt 7 (Convert HOV)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,957	7,297	13,257	5,920	7,250	13,174	5,617	6,945	12,564	5,543	6,851	12,396
I-80	Richards Blvd to Mace Blvd	2.44	5,624	7,951	13,586	5,546	7,875	13,430	5,237	7,425	12,671	5,139	7,297	12,444
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	5,546	9,711	15,289	5,522	9,637	15,196	5,058	8,787	13,886	4,945	8,639	13,616
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	5,811	10,096	15,921	5,799	10,050	15,868	5,436	9,395	14,853	5,335	9,192	14,553
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7,877	8,610	16,488	7,862	8,574	16,437	7,488	8,107	15,596	7,358	7,975	15,334
US 50	I-80 to Harbor Blvd	1.20	6,030	6,594	12,628	6,010	6,579	12,592	5,900	6,231	12,148	5,791	6,208	12,010
US 50	Harbor Blvd to Jefferson Blvd	1.29	7,318	6,576	13,876	7,318	6,576	13,876	7,156	6,250	13,377	7,048	6,237	13,261
US 50	Jefferson Blvd to I-5	1.01	7,069	9,357	16,419	7,058	9,385	16,432	6,821	9,083	15,891	6,900	9,026	15,930
I-80	US 50 to Reed Ave	1.63	4,720	5,271	9,990	4,684	5,209	9,892	4,555	5,071	9,625	4,432	4,996	9,428
I-80	Reed Ave to W El Camino Ave	1.85	5,209	5,749	10,953	5,188	5,697	10,878	5,084	5,580	10,656	4,958	5,501	10,454
I-80	Old Davis Rd to US 50	10.80	5,831	9,058	14,907	5,799	8,998	14,816	5,421	8,399	13,840	5,318	8,246	13,583
US 50	I-80 to I-5	3.50	6,905	7,403	14,311	6,894	7,406	14,303	6,722	7,079	13,808	6,676	7,050	13,733
I-80	US 50 to W El Camino Ave	3.48	4,985	5,535	10,516	4,957	5,478	10,431	4,841	5,351	10,188	4,717	5,274	9,989
Total		17.78	5,891	7,987	13,890	5,864	7,941	13,817	5,573	7,505	13,093	5,477	7,396	12,885

2049 Daily Total Volume (AADT)			Alt 8 (Add HOV Med)			Alt 9 (Add HOV no Ent)			Alt 10 (Add GP)			Alt 11 (Add HOT Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	81,200	93,610	174,810	81,400	93,500	174,900	82,500	94,400	176,900	81,600	94,910	176,510
I-80	Richards Blvd to Mace Blvd	2.44	81,300	94,010	175,310	81,400	94,100	175,500	82,300	95,200	177,500	81,600	95,510	177,110
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	94,500	106,910	201,410	94,400	106,700	201,100	95,900	108,500	204,400	94,800	108,510	203,310
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	99,100	110,210	209,310	98,600	109,900	208,500	100,100	111,900	212,000	99,900	111,610	211,510
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	110,800	118,810	229,610	105,300	113,600	218,900	111,700	119,900	231,600	111,800	120,010	231,810
US 50	I-80 to Harbor Blvd	1.20	88,700	86,100	174,800	91,800	87,700	179,500	89,200	86,000	175,200	89,590	86,500	176,090
US 50	Harbor Blvd to Jefferson Blvd	1.29	95,600	97,400	193,000	95,300	96,400	191,700	96,300	97,500	193,800	96,290	97,600	193,890
US 50	Jefferson Blvd to I-5	1.01	124,900	130,800	255,700	125,400	130,200	255,600	125,600	131,100	256,700	125,490	131,000	256,490
I-80	US 50 to Reed Ave	1.63	67,400	77,900	145,300	65,400	77,500	142,900	67,600	78,800	146,400	67,410	78,400	145,810
I-80	Reed Ave to W El Camino Ave	1.85	76,400	89,000	165,400	75,400	88,700	164,100	76,700	90,000	166,700	76,410	89,500	165,910
I-80	Old Davis Rd to US 50	10.80	91,905	103,782	195,686	91,554	103,432	194,986	93,048	105,190	198,238	92,412	105,237	197,649
US 50	I-80 to I-5	3.50	101,650	103,116	204,765	102,748	103,124	205,872	102,281	103,205	205,485	102,379	103,385	205,764
I-80	US 50 to W El Camino Ave	3.48	72,182	83,798	155,980	70,713	83,451	154,164	72,435	84,751	157,186	72,192	84,298	156,490
Total		17.78	89,968	99,742	189,710	89,684	99,464	189,147	90,836	100,801	191,637	90,422	100,777	191,199

2049 Daily Truck Percentage			Alt 8 (Add HOV Med)			Alt 9 (Add HOV no Ent)			Alt 10 (Add GP)			Alt 11 (Add HOT Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2049 Daily Truck Volume (AADT)			Alt 8 (Add HOV Med)			Alt 9 (Add HOV no Ent)			Alt 10 (Add GP)			Alt 11 (Add HOT Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	6,001	7,313	13,319	6,016	7,304	13,326	6,097	7,375	13,478	6,030	7,415	13,449
I-80	Richards Blvd to Mace Blvd	2.44	5,715	7,986	13,720	5,722	7,994	13,735	5,785	8,087	13,892	5,736	8,113	13,861
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	5,624	9,878	15,529	5,618	9,859	15,505	5,707	10,025	15,759	5,642	10,026	15,675
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	5,900	10,162	16,091	5,870	10,133	16,029	5,960	10,317	16,298	5,948	10,291	16,261
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7,985	8,669	16,655	7,589	8,289	15,878	8,050	8,749	16,800	8,057	8,757	16,815
US 50	I-80 to Harbor Blvd	1.20	6,064	6,640	12,708	6,276	6,764	13,050	6,099	6,632	12,737	6,125	6,671	12,802
US 50	Harbor Blvd to Jefferson Blvd	1.29	7,364	6,617	13,963	7,341	6,549	13,869	7,418	6,624	14,021	7,417	6,631	14,027
US 50	Jefferson Blvd to I-5	1.01	7,058	9,414	16,457	7,086	9,371	16,451	7,097	9,436	16,522	7,091	9,429	16,508
I-80	US 50 to Reed Ave	1.63	4,857	5,353	10,208	4,713	5,326	10,039	4,872	5,415	10,285	4,858	5,388	10,244
I-80	Reed Ave to W El Camino Ave	1.85	5,335	5,815	11,141	5,265	5,795	11,054	5,356	5,880	11,229	5,336	5,847	11,176
I-80	Old Davis Rd to US 50	10.80	5,913	9,135	15,073	5,890	9,104	15,019	5,987	9,259	15,270	5,946	9,263	15,224
US 50	I-80 to I-5	3.50	6,928	7,450	14,381	7,003	7,451	14,459	6,971	7,457	14,432	6,978	7,470	14,451
I-80	US 50 to W El Camino Ave	3.48	5,116	5,608	10,718	5,012	5,585	10,594	5,134	5,672	10,801	5,117	5,641	10,753
Total		17.78	5,971	8,058	14,044	5,952	8,036	14,002	6,029	8,144	14,186	6,001	8,142	14,154

2049 Daily Total Volume (AADT)			Alt 12 (Add HOT3+ Med)			Alt 13 (Add Toll Med)			Alt 14 (Add Transit Med)			Alt 15 (Convert HOV Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	80,700	93,610	174,310	79,900	93,010	172,910	76,000	88,900	164,900	74,900	87,610	162,510
I-80	Richards Blvd to Mace Blvd	2.44	80,400	93,810	174,210	79,100	92,610	171,710	74,500	87,400	161,900	73,000	85,810	158,810
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	93,400	105,110	198,510	91,400	102,810	194,210	85,000	95,100	180,100	82,900	93,610	176,510
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	98,400	109,910	208,310	98,400	109,110	207,510	91,300	101,900	193,200	90,000	99,710	189,710
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	110,100	118,410	228,510	110,000	117,410	227,410	103,900	111,100	215,000	102,400	109,410	211,810
US 50	I-80 to Harbor Blvd	1.20	88,180	85,100	173,280	87,910	84,600	172,510	86,300	80,800	167,100	84,880	80,400	165,280
US 50	Harbor Blvd to Jefferson Blvd	1.29	95,180	96,300	191,480	94,910	95,500	190,410	92,900	92,000	184,900	91,680	91,800	183,480
US 50	Jefferson Blvd to I-5	1.01	126,380	129,400	255,780	124,210	128,500	252,710	120,700	126,200	246,900	122,280	125,400	247,680
I-80	US 50 to Reed Ave	1.63	66,820	77,900	144,720	66,390	76,800	143,190	63,200	73,800	137,000	61,520	72,800	134,320
I-80	Reed Ave to W El Camino Ave	1.85	75,920	89,100	165,020	75,690	88,100	163,790	72,800	85,400	158,200	71,020	84,400	155,420
I-80	Old Davis Rd to US 50	10.80	91,079	103,138	194,217	90,139	101,865	192,004	84,254	95,418	179,672	82,714	93,690	176,404
US 50	I-80 to I-5	3.50	101,741	101,964	203,705	100,925	101,238	202,164	98,622	97,980	196,602	98,137	97,539	195,677
I-80	US 50 to W El Camino Ave	3.48	71,655	83,851	155,506	71,331	82,804	154,136	68,301	79,964	148,264	66,568	78,964	145,531
Total		17.78	89,381	99,135	188,516	88,586	98,014	186,600	83,965	92,901	176,866	82,595	91,568	174,163

2049 Daily Truck Percentage			Alt 12 (Add HOT3+ Med)			Alt 13 (Add Toll Med)			Alt 14 (Add Transit Med)			Alt 15 (Convert HOV Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%	7.4%	7.8%	7.6%
I-80	Richards Blvd to Mace Blvd	2.44	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%	7.0%	8.5%	7.8%
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%	6.0%	9.2%	7.7%
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%	7.2%	7.3%	7.3%
US 50	I-80 to Harbor Blvd	1.20	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%	6.8%	7.7%	7.3%
US 50	Harbor Blvd to Jefferson Blvd	1.29	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%	7.7%	6.8%	7.2%
US 50	Jefferson Blvd to I-5	1.01	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%	5.7%	7.2%	6.4%
I-80	US 50 to Reed Ave	1.63	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%	7.2%	6.9%	7.0%
I-80	Reed Ave to W El Camino Ave	1.85	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%	7.0%	6.5%	6.7%
I-80	Old Davis Rd to US 50	10.80	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%	6.4%	8.8%	7.7%
US 50	I-80 to I-5	3.50	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%	6.8%	7.2%	7.0%
I-80	US 50 to W El Camino Ave	3.48	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%	7.1%	6.7%	6.9%
Total		17.78	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%	6.6%	8.1%	7.4%

2049 Daily Truck Volume (AADT)			Alt 12 (Add HOT3+ Med)			Alt 13 (Add Toll Med)			Alt 14 (Add Transit Med)			Alt 15 (Convert HOV Med)		
Route	Description	Distance	EB	WB	Both	EB	WB	Both	EB	WB	Both	EB	WB	Both
I-80	Old Davis Rd to Richards Blvd	1.44	5,964	7,313	13,281	5,905	7,266	13,174	5,617	6,945	12,564	5,535	6,844	12,382
I-80	Richards Blvd to Mace Blvd	2.44	5,652	7,969	13,634	5,560	7,867	13,438	5,237	7,425	12,671	5,132	7,289	12,429
I-80	Mace Blvd to Chiles Rd/County Rd 32A	2.90	5,558	9,712	15,305	5,439	9,499	14,973	5,058	8,787	13,886	4,933	8,649	13,609
I-80	Chiles Rd/County Rd 32A to Enterprise Blvd/W Capitol Ave	3.63	5,858	10,134	16,015	5,858	10,060	15,953	5,436	9,395	14,853	5,358	9,193	14,585
I-80	Enterprise Blvd/W Capitol Ave to US 50	0.40	7,934	8,640	16,575	7,927	8,567	16,496	7,488	8,107	15,596	7,380	7,983	15,364
US 50	I-80 to Harbor Blvd	1.20	6,029	6,563	12,598	6,010	6,525	12,542	5,900	6,231	12,148	5,803	6,201	12,016
US 50	Harbor Blvd to Jefferson Blvd	1.29	7,332	6,542	13,853	7,311	6,488	13,775	7,156	6,250	13,377	7,062	6,237	13,274
US 50	Jefferson Blvd to I-5	1.01	7,142	9,313	16,463	7,019	9,249	16,265	6,821	9,083	15,891	6,910	9,026	15,941
I-80	US 50 to Reed Ave	1.63	4,815	5,353	10,167	4,784	5,278	10,060	4,555	5,071	9,625	4,434	5,003	9,436
I-80	Reed Ave to W El Camino Ave	1.85	5,301	5,821	11,116	5,285	5,756	11,033	5,084	5,580	10,656	4,959	5,514	10,469
I-80	Old Davis Rd to US 50	10.80	5,860	9,079	14,960	5,799	8,966	14,789	5,421	8,399	13,840	5,322	8,247	13,588
US 50	I-80 to I-5	3.50	6,934	7,367	14,307	6,879	7,315	14,198	6,722	7,079	13,808	6,689	7,048	13,743
I-80	US 50 to W El Camino Ave	3.48	5,079	5,611	10,686	5,056	5,541	10,592	4,841	5,351	10,188	4,718	5,284	10,000
Total		17.78	5,932	8,009	13,955	5,879	7,918	13,813	5,573	7,505	13,093	5,482	7,398	12,893

Yolo 80 Managed Lanes Project

Project Level Conformity Group Presentation

April 16, 2024

03-YOL-050-0/M3.156

03-SAC-050-L0/L0.617

03-SAC-080-M0/M1.36

03-YOL-080-0/R11.718

03-SOL-080-40.7/R44.7

EA: 03-3H900/EFIS: 0318000085



YOLO 80 MANAGED LANES PROJECT

Agenda & Project Sponsors

Agenda

- Project Location and Background
- Purpose and Need
- Alternatives Considered
- Project Schedule
- 2024 Interagency Consultation Results
- Conclusions

Project Sponsors

- Caltrans District 3 (Lead Agency)
- Yolo Transportation District (YoloTD)



Acronyms

AADT (Average Annual Daily Traffic)

HOV (High Occupancy Vehicle)

HOV 2+ (High Occupancy Vehicle)

HOT (High Occupancy Toll)

HOT 2+ (High Occupancy Toll)

HOT 3+ (High Occupancy Toll)

IAC (Interagency Consultation)

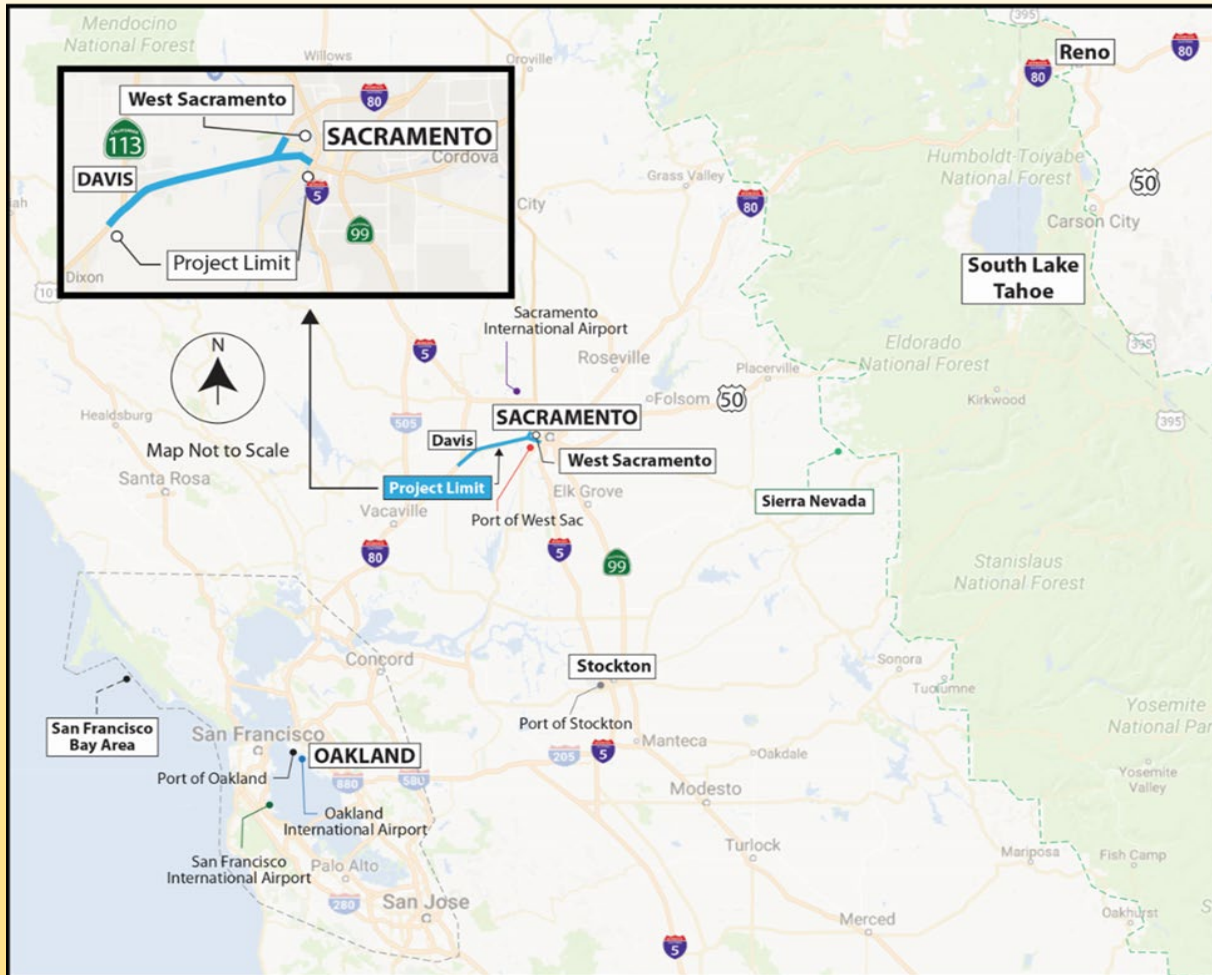
MTIP (Metropolitan Transportation Improvement Program)

PM 2.5 (Particulate Matter 2.5 microns or less)

PM 10 (Particulate Matter 10 microns or less)

POAQC (Project of Air Quality Concern)

Project Location



Project located on:

- I-80 from the I-80 & Kidwell Road interchange in Solano County, through Yolo County, and to the W. El Camino interchange.
- Also, on US 50 from the I-80/US 50 interchange to the I-5/US 50 interchange in Sacramento County.
- Extends through Solano, Yolo, and Sacramento Counties within the Cities of Davis, Sacramento, and West Sacramento.

Project Background

Managed Lanes Project Alternative Types

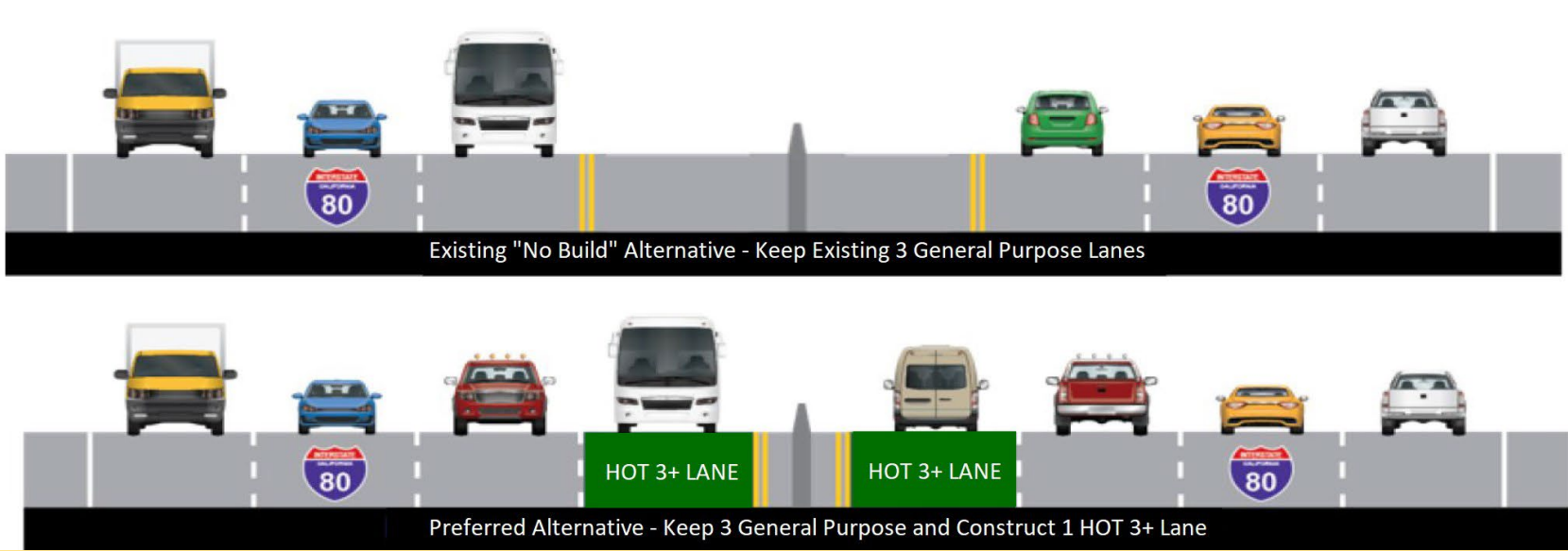
- No Build, Add HOV, Add HOT, Express Lane, Transit Only Lane, Take a Lane
- Alternatives evaluated with and without Direct Connector
- Alternatives evaluated are presented in the 2024 IAC (page 1)

Preferred Alternative is 4B High Occupancy Toll (HOT) 3+ with Direct Connector

- Adds a HOT 3+ in each direction for free use by vehicles with three or more riders.

2021 IAC received concurrence and finding was the project is not a Project of Air Quality Concern (POAQC)

- SACOG's Project Level Conformity Group October 15, 2021
- Environmental Protection Agency October 18, 2021
- Federal Highway Administration October 18, 2021



Project Purpose and Need

The purpose of the project is to:

- Ease congestion and improve overall person throughput.
- Improve freeway operation on the mainline, ramps, and at system interchanges.
- Support reliable transport of goods and services throughout the region.
- Improve modality and travel time reliability.
- Provide expedited traveler information and monitoring systems.

The project is needed for the following reasons:

- Recurring congestion during the morning and afternoon peak periods exceeds current design capacity limiting person throughput.
- Operational inefficiencies lead to the formation of bottlenecks due to short weaving and merging areas and lane drops.
- Inefficient movement of goods and services impedes regional and interstate economic sustainability.
- The corridor users rely heavily on single-occupancy vehicles with limited multi-modal options such as transit, carpool, bicycle, and pedestrian facilities, resulting in unreliable travel times.
- Lack of real-time traveler information and coordinated traffic communication systems impedes timely response to roadway incidents resulting in secondary collisions and increased non-recurring congestion.

Alternatives Considered (without Direct Connector)

- No Build
- Add a HOV lane in each direction for use by vehicles with two or more riders (HOV 2+).
- Add a HOT lane in each direction for free use by vehicles with two or more riders (HOT 2+). Single-occupied vehicles would pay a fee for lane usage.
- Add a HOT lane in each direction for free use by vehicles with three or more riders (HOT 3+). Vehicles with less than three riders would pay a fee for lane usage.
- Add an express lane in each direction (i.e., everyone would pay a fee to use the lane, regardless of the number of riders).
- Add a transit-only lane in each direction.
- Repurpose the current number one general-purpose lane for use by vehicles with two or more riders (HOV 2+); no new lanes would be constructed.

Alternatives Considered (with Direct Connector)

- No Build
- Add a HOV lane in each direction for use by vehicles with two or more riders (HOV 2+) and build an I-80 managed lane direct connector.
- Add a HOT lane in each direction for free use by vehicles with two or more riders (HOT 2+) and build an I-80 managed lane direct connector. Single-occupied vehicles would pay a fee for lane usage.
- Add a HOT lane in each direction for free use by vehicles with three or more riders (HOT 3+) and build an I-80 managed lane direct connector. Vehicles with less than three riders would pay a fee for lane usage (Preferred Alternative).
- Add an express lane in each direction (i.e., everyone would pay a fee to use the lane, regardless of number of riders), and build an I-80 managed lane direct connector.
- Add a transit-only lane in each direction and build an I-80 managed lane direct connector.
- Repurpose the current number one general-purpose lane for use by vehicles with two or more riders (HOV 2+); no new lanes would be constructed. Build an I-80 managed lane direct connector.

Alternatives Considered (without and with Direct Connector)



Photo source and date: Stantec, September 2021



Direct Connector is approximately 0.8 mile in length.

Summary of IAC 2021 and 2024 Alternatives Considered

2021 IAC Alternatives	2024 IAC Alternatives	Change from 2021 to 2024 Alternatives Considered
No-Build	No-Build	No Change
Add HOV 2+ lane	Add HOV 2+ lane	No Change
Add HOV 2+ lane with direct connectors	Add HOV 2+ lane with direct connectors	No Change
Add HOT 2+ lane	Add HOT 2+ lane	No Change
	Add HOT 2+ lane with direct connectors	Add an I-80 HOT 2+ direct connector
Add HOT 3+ lane	Add HOT 3+ lane	No Change
	Add HOT 3+ lane with direct connectors	Add an I-80 HOT 3+ direct connector
Add Express lane	Add Express lane	No Change
	Add Express lane with direct connectors	Add an I-80 Express direct connector
Add Transit Only lane	Add Transit Only lane	No Change
	Add Transit Only lane with direct connectors	Add an I-80 Transit Only direct connector
Repurpose GP to HOV 2+ lane	Repurpose GP to HOV 2+ lane	No Change
	Repurpose GP to HOV 2+ lane with direct connectors	Add an I-80 HOV 2+ direct connector

Project Schedule

Project Study Report Approved - 9/24/2019

Target Environmental Documents Approval - 4/19/2024

Target Project Design Completion - 4/26/2024

Award Contract - 8/30/2024

Approve Contract - 9/30/2024

Construction Begins - 10/01/2024

Construction Ends - 11/03/2026

IAC 2024 Summary

- ❖ Heavy diesel truck traffic for all Alternatives would be less than 8% of all diesel trucks. This is not considered significant pursuant to the PM Guidance.
- ❖ The proposed project would not induce significant diesel truck traffic. Truck traffic increase from preferred Alternative 4B HOT 3+ in relation to No Build would be approximately:
 - 8.6% for opening year 2029 (6% heavy duty diesel truck traffic)
 - 5.9% for MTIP year 2040 (4.1% heavy duty diesel truck traffic)
 - 4.6% for design year 2049 (3.2% heavy duty diesel truck traffic)
 - This is not a substantial increase per the PM Guidance.
- ❖ The proposed project is not a land use project that would require additional diesel truck traffic as part of its operation, therefore:
 - Is not considered to induce a significant amount of diesel truck traffic, and
 - Would not substantially increase diesel truck traffic along the affected portions of I-80 and US 50.

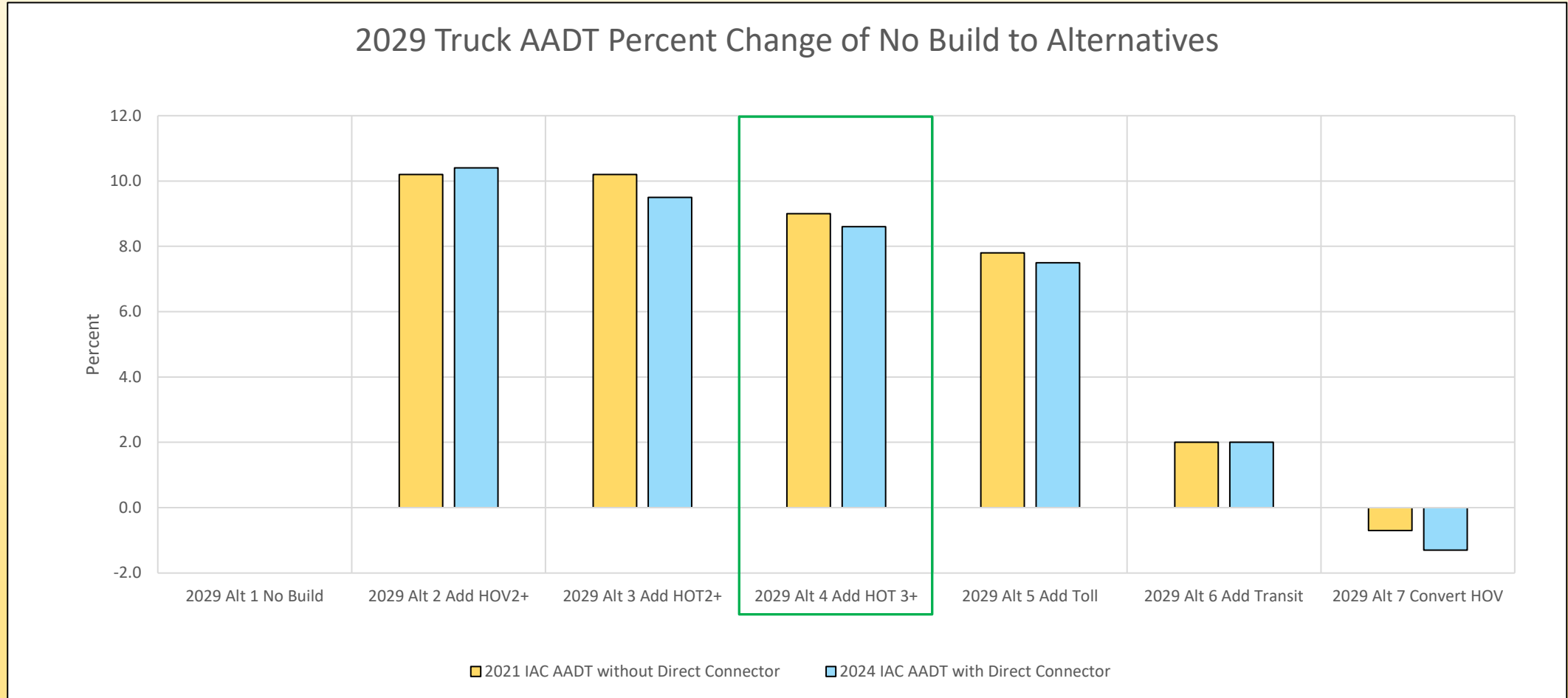
2021 vs 2024 IAC Data AADT Comparison

Alt 2 to Alt 4 (Preferred Alternative)

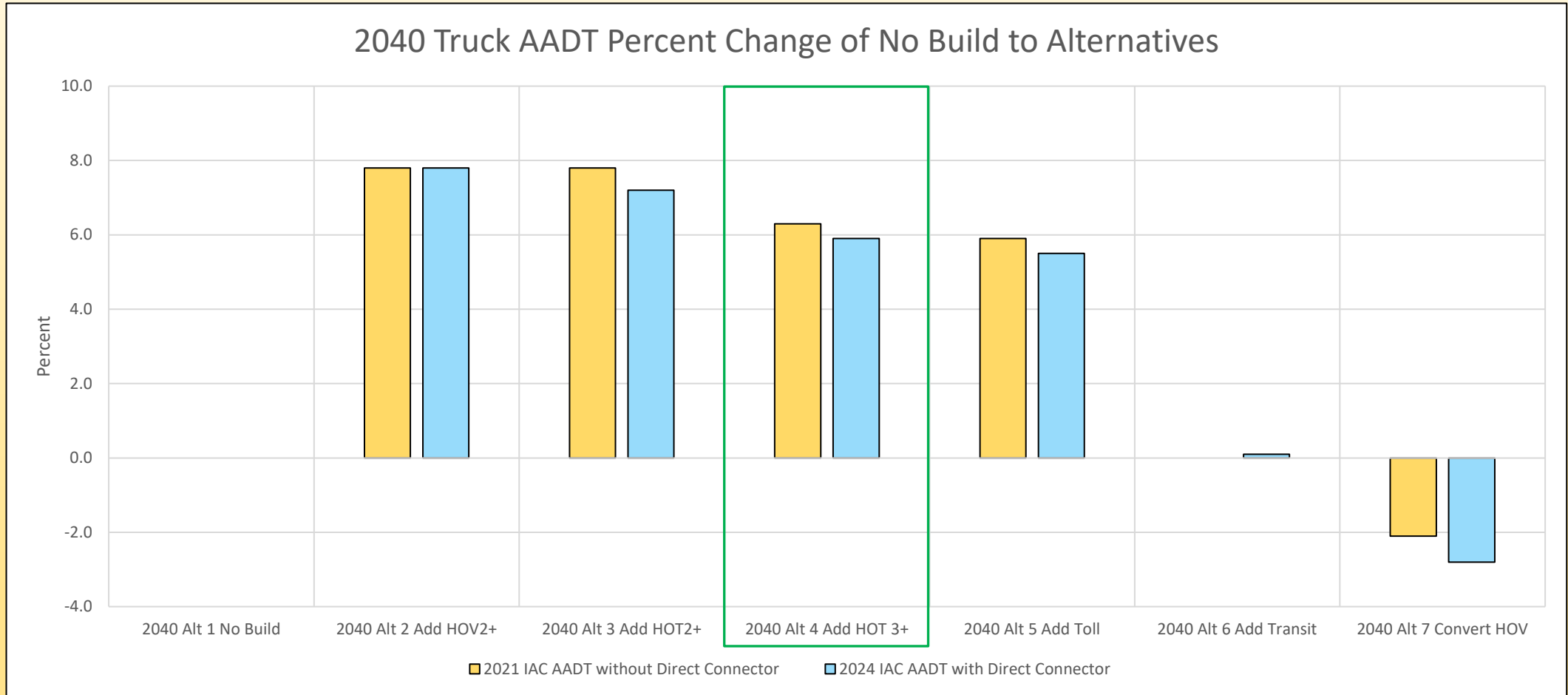
Total and Truck AADT	Year 2029		Year 2040		Year 2049	
	Alt 2 Add HOV2+	Alt 4 Add HOT 3+ (Preferred Alt)	Alt 2 Add HOV2+	Alt 4 Add HOT 3+ (Preferred Alt)	Alt 2 Add HOV2+	Alt 4 Add HOT 3+ (Preferred Alt)
2021 IAC Total AADT	173,786	171,958	175,741	173,350	190,362	186,374
2024 IAC Total AADT	174,003	171,206	175,630	172,641	189,710	188,516
2021 IAC Truck	13,352	13,212	13,504	13,320	14,599	14,465
2024 IAC Truck AADT	12,881	12,674	13,001	12,780	14,044	13,955

Note: Alternative 2 Add HOV 2+ was part of the 2021 IAC submittal.

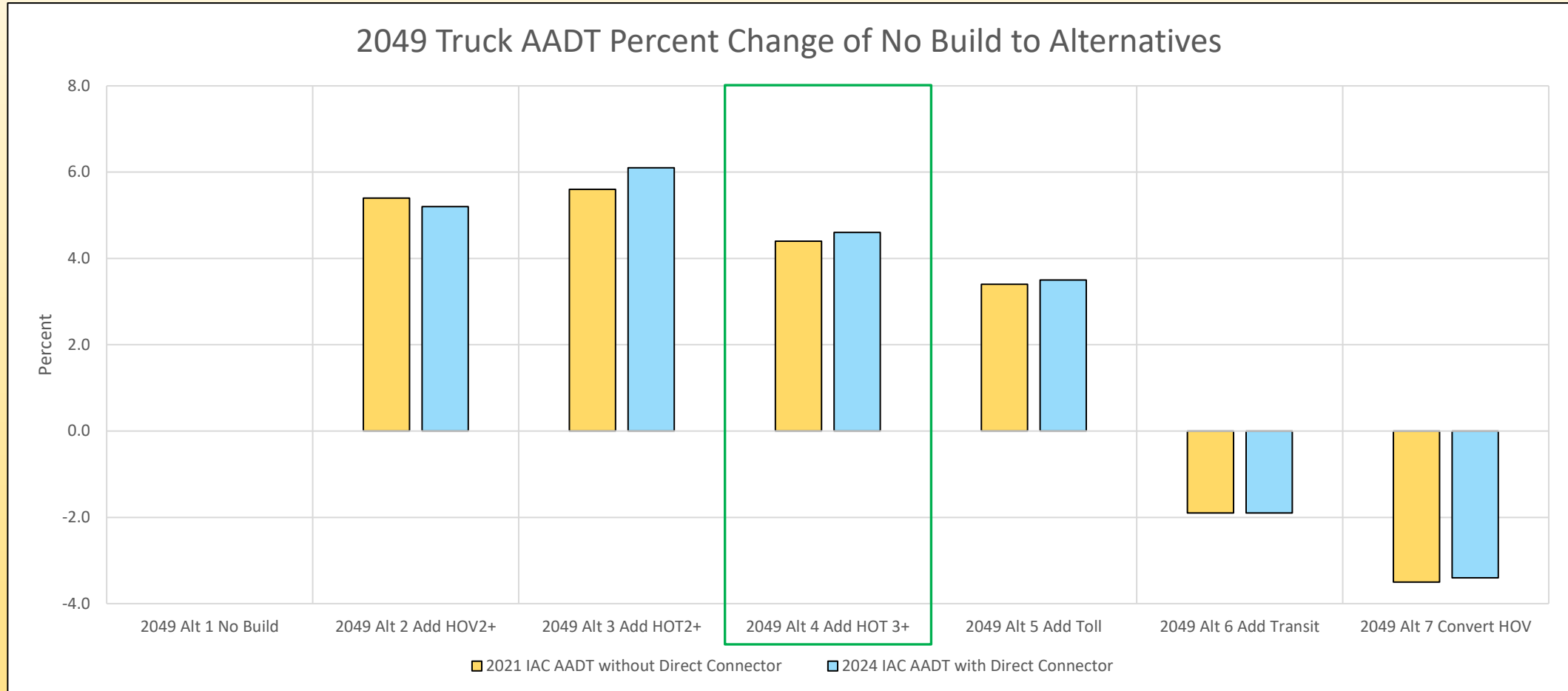
2029 Truck AADT Percent Change of No Build to Alternatives (2021 vs 2024 IAC Data)



2040 Truck AADT Percent Change of No Build to Alternatives (2021 vs 2024 IAC Data)



2049 Truck AADT Percent Change of No Build to Alternatives (2021 vs 2024 IAC Data)



Transportation Improvement Program (TIP) Listing

SACOG ID **CAL21276** **VAR** Lead Agency **Caltrans D3** **Project 1 of 63**

Project Title

I-80 and US 50 Managed Lanes

EA Number: 3H900

Last Revised

Completion Year

FED ID: 6203-062

23-16

2029

PPNO: 8922

Project Description

On I-80 just from the I-80/Kidwell Road interchange in Solano County, through Yolo County, and to the W. El Camino interchange; also on US 50 from the I-80/US 50 interchange to the I-5/US 50 interchange in Sacramento County: Construct improvements consisting of a High Occupancy Toll (HOT) 3+ lane in each direction with direct connectors, pedestrian/bicycle facilities, park-n-ride, and Intelligent Transportation System (ITS) elements. Phase 1 EA 03-3H901 will utilize \$105,000,000 from TCEP funds and \$85,900,000 from federal INFRA funds. \$85,900,000 from federal INFRA funds per Federal Project Number 6203(070). Total project cost \$466,000,000). Toll Credits for ENG, ROW, CON

Emission Benefits in kg/day: [6.98] ROG, [-1.34] NOx, [2.13] PM 2.5

Federal Project

Total Cost

\$466,000,000

Fed FY	Revenue Source	Engineering	Right of Way	Construction	Total Revenue
<23		\$8,000,000	\$0	\$0	\$8,000,000
2023	INFRA	\$3,000,000	\$0	\$0	\$3,000,000
2023	Regional Surface Transportation Program	\$950,000	\$0	\$0	\$950,000
2024	Congestion Mitigation and Air Quality	\$60,000	\$0	\$0	\$60,000
2024	INFRA	\$0	\$0	\$82,900,000	\$82,900,000
2024	Regional Surface Transportation Program	\$50,000	\$0	\$0	\$50,000
2024	State Bond - Trade Corridor Program	\$0	\$0	\$105,000,000	\$105,000,000
>26		\$6,000,000	\$9,440,000	\$250,600,000	\$266,040,000
		\$18,060,000	\$9,440,000	\$438,500,000	\$466,000,000



YOLO 80 MANAGED LANES PROJECT

Conclusions

- ❖ Not a Project of Air Quality Concern, consistent with the POAQC determination.
 - The 2024 IAC is consistent with 2021 IAC.

- ❖ Project would not result in a significant increase in diesel vehicles that emit PM 2.5 & PM 10 according to the 2018 PM Hot-spot Analyses FAQ's.
 - Existing truck traffic conditions are about 30% light duty gasoline trucks and about 70% heavy diesel duty trucks (IAC Table 15).
 - Maximum increase in AADT over the No Build Alternative would be 8.6% for All build options. Therefore, truck traffic for all Alternatives would be less that 8% and, of that, heavy diesel truck traffic would even be less. For example, Opening Year 2029 for No Build & selected Alternative 4B Diesel Truck volume estimated only 4% to 6.5%.
 - This is not considered significant pursuant to the PM Guidance.

- ❖ The proposed project is not considered to substantially induce or increase diesel truck traffic.

Truck traffic increases from the preferred Alternative 4B HOT 3+ in relation to No Build would be approximately:

 - 8.6% for opening year 2029 (6% heavy duty diesel truck traffic)
 - 5.9% for MTIP year 2040 (4.1% heavy duty diesel truck traffic)
 - 4.6% for design year 2049 (3.2% heavy duty diesel truck traffic)
 - This is not a substantial increase per the PM Guidance.

- ❖ The proposed project is not a land use project that would require additional diesel truck traffic as part of its operation.
 - Therefore, is not considered to induce a significant amount of diesel truck traffic and would not substantially increase diesel truck traffic along the affected portions of I-80 and US 50.

2024 Interagency Consultation

Attachment C

MTIP ID# (required): CAL21276	
<p>Project Description (clearly describe project): The California Department of Transportation (Caltrans), in collaboration with stakeholders, proposes to improve Interstate-80 Corridor in Solano, Yolo and Sacramento Counties. On I-80 just from the I-80/Kidwell Road interchange in Solano County, through Yolo County, and to the W. El Camino interchange; also on US 50 from the I-80/US 50 interchange to the I-5/US 50 interchange in Sacramento County. Construct improvements consisting of managed lanes a High Occupancy Toll (HOT) 3+ lane in each direction with direct connectors, pedestrian/bicycle facilities, park-n-ride, and Intelligent Transportation System (ITS) elements. (The project was split into two projects with the same scope and timeline, CAL21276 and CAL21424. Total project cost \$465,000,000) (Figure 1).</p> <p>The following information are consisted of each alternative for the YOL-80 Managed Lanes Project:</p> <ul style="list-style-type: none"> • Alternative 1: No-Build. • Build Alternative 2a: Add a High Occupancy Vehicle (HOV) lane in each direction for use by vehicles with two or more riders (HOV 2+). • Build Alternative 2b: Add a high-occupancy vehicle lane in each direction for use by vehicles with two or more riders (HOV 2+) and build an I-80 managed lane direct connector. • Build Alternative 3: Add a High Occupancy Toll (HOT) in each direction for use by vehicles with two or more riders (HOT 2+). Single-occupied vehicles would pay a fee for lane usage. • Build Alternative 3b: Add a high-occupancy toll lane in each direction for free use by vehicles with two or more riders (HOT 2+) and build an I-80 managed lane direct connector. Single-occupied vehicles would pay a fee for lane usage. • Build Alternative 4: Add a high-occupancy toll lane in each direction for free use by vehicles with three or more riders (HOT 3+). Vehicles with less than three riders would pay a fee for lane usage. • Build Alternative 4b (preferred): Add a high-occupancy toll lane in each direction for free use by vehicles with three or more riders (HOT 3+) and build an I-80 managed lane direct connector. Vehicles with less than three riders would pay a fee for lane usage. • Build Alternative 5: Add an express lane in each direction (i.e., everyone would pay a fee to use the lane, regardless of the number of riders). • Build Alternative 5b: Add an express lane in each direction (i.e., everyone would pay a fee to use the lane, regardless of number of riders), and build an I-80 managed lane direct connector. • Build Alternative 6: Add a transit-only lane in each direction. • Build Alternative 6b: Add a transit-only lane in each direction and build an I-80 managed lane direct connector. • Build Alternative 7a: Repurpose the current number one general-purpose lane for use by vehicles with two or more riders (HOV 2+); no new lanes would be constructed. • Build Alternative 7b: Repurpose the current number one general-purpose lane for use by vehicles with two or more riders (HOV 2+); no new lanes would be constructed. Build an I-80 managed lane direct connector. 	
<p>Type of Project: Change to existing state highway</p>	<p>County: Solano/Yolo/Sacramento</p>

