
INTERNAL AFFAIRS COMMITTEE AGENDA

A Committee of the Chico City Council: Councilmembers Reynolds, Winslow, and Chair van Overbeek
Meeting of June 3, 2024 – 1:00 p.m.
Council Chamber Building, 421 Main Street, Conference Room 1

A. ALL-WAY STOP CONTROL AT NOTRE DAME BOULEVARD AND MORROW LANE

Public Works – Engineering staff, along with their consultant, Headway Transportation, have completed a Traffic Analysis Report concerning traffic safety at the intersection of Notre Dame Boulevard and Morrow Lane. Their recommendation is to install an all-way stop control to address the minimum sight distances requirements. **(Report – Brendan Ottoboni, Public Works Director-Engineering)**

Recommendation: *The Director of Public Works – Engineering recommends the Committee adopt the following resolution:*

RESOLUTION OF THE INTERNAL AFFAIRS COMMITTEE OF THE CITY COUNCIL OF THE CITY OF CHICO ADOPTING TRAFFIC REGULATION AMENDMENT NO. 867

B. PUBLIC COMMENT

Members of the public may address the Committee at this time on any matter not already listed on the agenda and within the jurisdiction's authority. Comments will be limited to three minutes or as determined by the Chair based on the number of speakers. The Committee cannot take any action at this meeting on requests made under this section of the agenda.

C. ADJOURNMENT AND NEXT MEETING

The meeting will adjourn to the next regular Internal Affairs Committee meeting scheduled for Monday, September 9, 2024, at 1:00 p.m.

SPEAKER ANNOUNCEMENT

NOTE: Citizens and other interested parties are encouraged to participate in the public process and will be invited to address the Committee regarding each item on the agenda.

Distribution available in the office of the City Clerk

Posted: 05-31-24 prior to 5:00 p.m. at 421 Main St. Chico, CA 95928 and www.ci.chico.ca.us
Copies of the agenda packet are available for review at: City Clerk's Office, 411 Main St. Chico, CA 95928



Please contact the City Clerk at 896-7250 should you require an agenda in an alternative format or if you need to request a disability-related modification or accommodation in order to participate in a meeting. This request should be received at least three working days prior to the meeting in order to accommodate your request.



**Internal Affairs Committee
Agenda Report**

Meeting Date: 06/03/24

TO: Internal Affairs Committee

FROM: Director of Public Works - Engineering, Brendan Ottoboni, (530) 879-6901

RE: TRA 867 All-Way Stop Control at Notre Dame Boulevard and Morrow Lane

REPORT IN BRIEF:

Concerns over traffic safety at the intersection of Notre Dame Boulevard and Morrow Lane, raised by nearby businesses, prompted a follow-up assessment by Staff. Due to challenges with maintaining adequate site distance, Staff recommends conversion of the intersection to an all-way stop control.

BACKGROUND:

Currently, Morrow Lane is controlled by stop signs on Morrow Lane, while Notre Dame Boulevard serves as the primary unrestricted roadway. Safety concerns were initially raised and evaluated in October 2022. Although a traffic study at that time did not warrant an all-way stop, the surrounding vegetation at the site was recognized as a contributing factor to sight distance limitations.

DISCUSSION:

After additional review of recent safety concerns, sight distance has become more limited due to private property vegetation, which falls outside the City's maintenance jurisdiction. As a result, the minimum sight distances required for safe intersection navigation cannot be consistently met due to the mature vegetation.

RECOMMENDATION:

Based on the analysis by Headway Transportation and discussions within departments, Staff recommends converting the intersection to an all-way stop through the approval of TRA 867.

PUBLIC CONTACT:

Bob Fracoli, Public Contact
Steve Christophel, COO of Payless Building Supply

Reviewed by:

Approved and recommended by:

Brendan Ottoboni
Director of Public Works - Engineering

Mark Sorensen
City Manager

RE: TRA 867 All-Way Stop Control at Notre Dame Boulevard and Morrow Lane
Meeting Date: 06/03/24
Page 2

DISTRIBUTION:

City Clerk (3)

ATTACHMENTS:

Attachment A – TRA 867 Notre Dame Blvd & Morrow Ln

Attachment B – Headway Transportation, All-Way Stop Control Evaluation – Notre Dame Blvd /
Morrow Ln

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**RESOLUTION OF THE INTERNAL AFFAIRS COMMITTEE OF THE CITY
COUNCIL OF THE CITY OF CHICO ADOPTING TRAFFIC REGULATION
AMENDMENT NO. 867**

Pursuant to Section 10.05.040 of the City of Chico Municipal Code, the Traffic
Regulation Amendment as shown in "Attachment A" is hereby adopted by the Internal Affairs
Committee of the City Council of the City of Chico.

AYES:
NOES:
ABSENT:
ABSTAIN:

ATTEST:

Deborah R. Presson,
City Clerk

APPROVED AS TO FORM:

John W. Lam
John W. Lam (May 31, 2024 05:47 PDT)

John W. Lam, City Attorney
Pursuant to the Charter of
The City of Chico, Section 906 (E)

_____ Date of Authorization

_____ Date Work Order Issued

_____ Date Mapped/Filed

Changes or Supersedes

Exhibit Number	Description	Authority CMC/CVC Section
3	Stop Intersections	CVC 21101(c) or (b)

**ATTACHMENT "A" - Legend Sheet to Accompany
Traffic Resolution Amendment No. 867
Describing Additions & Deletions to Exhibit No. 3
On Public Streets**

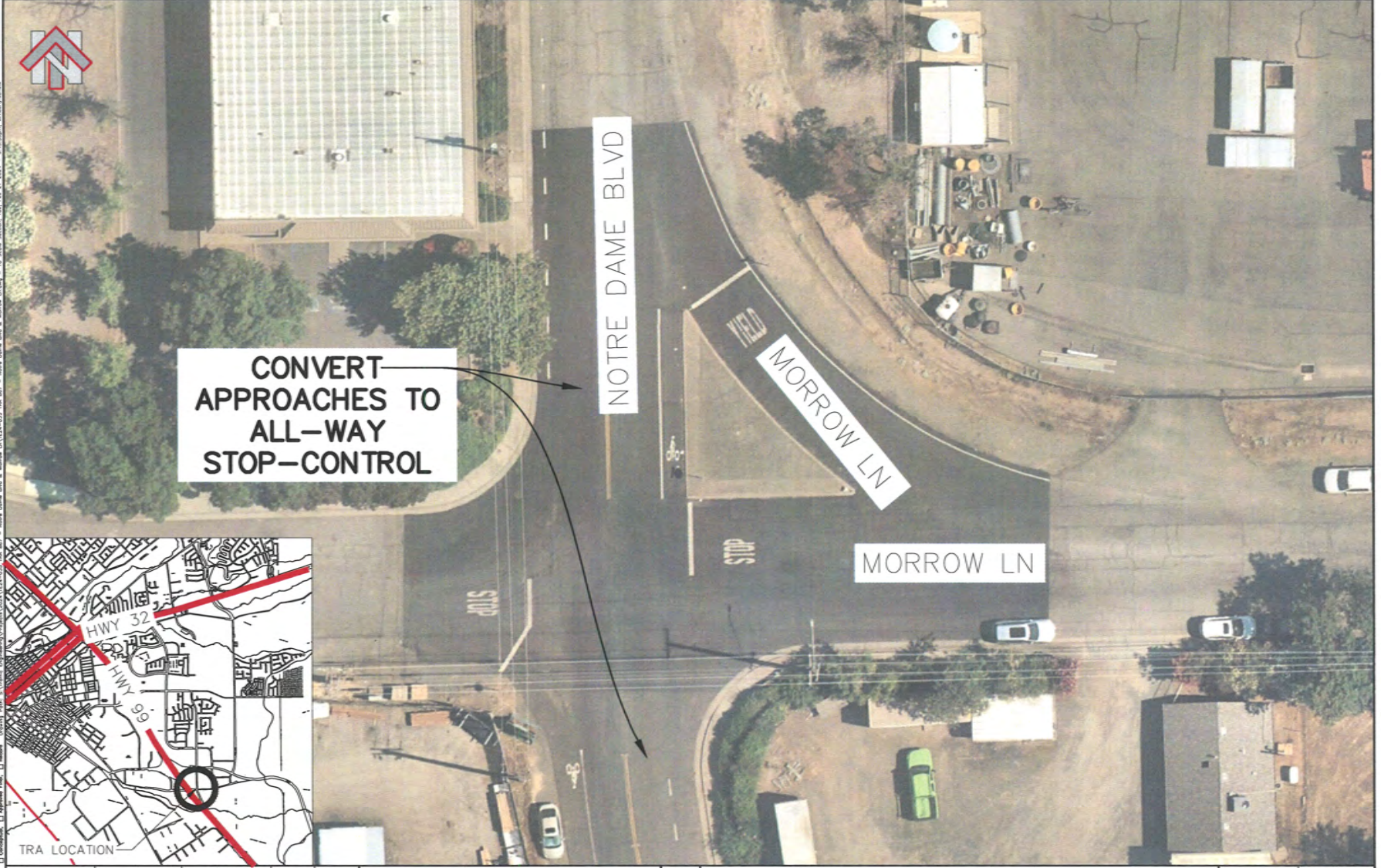
ADDITION TO:
EXHIBIT 3 Stop Intersections

AUTHORITY: CVC 21101(c) or (b)

Approach				Street Name	Intersecting
N'ly	E'ly	S'ly	W'ly		
XX		XX		Notre Dame Blvd	Morrow Ln

**ATTACHMENT "A" – ADDITIONS AND DELETIONS TO ACCOMPANY
TRAFFIC RESOLUTION AMENDMENT NO. 867**

Title: TE24-035 TRA 867 - Notre Dame Blvd & Morrow Ln



Designed: KS	Approved: BMO	Revision	Date	By
Drawn By: KS				
Checked: WW	Date: Feb 27, 2024			

CITY OF CHICO
PUBLIC WORKS DEPARTMENT



TRA 867 - Notre Dame Blvd + Morrow Ln
Attachment A

Project Number: TE24-035	Drawing Number
Scale: 1" = 10'	Page 3 of 3



October 18, 2022

Wyatt West
City of Chico
411 Main Street
Chico, CA 95928

All-Way Stop Control Evaluation – Notre Dame Boulevard / Morrow Lane

Dear Mr. West,

This letter provides the results of an all-way stop control warrant analysis for the Notre Dame Boulevard / Morrow Lane intersection in Chico, CA. The intersection is currently side-street stop controlled on the Morrow Lane approaches. This study follows methodologies outlined in the current edition of the *California Manual on Uniform Traffic Control Devices (CA MUTCD)*, which is the state recognized standard for intersection control determinations.

EXISTING INTERSECTION CONFIGURATION

The existing configuration of the Notre Dame Boulevard / Morrow Lane intersection is shown in **Exhibit 1**.



Exhibit 1: Notre Dame Boulevard / Morrow Lane Existing Intersection Configuration

Headway Transportation, LLC
2240 St. George Lane, Suite 1, Chico, CA 95926
530.897.0199
www.HeadwayTransportation.com

The study intersection is a four-leg intersection which is stop controlled on the eastbound and westbound approaches (Morrow Lane). Notre Dame Boulevard is a two-lane roadway with a posted speed limit of 25 mph. Morrow Lane is a two-lane roadway with a 25 mph *prima facie* speed limit. Marked pedestrian crosswalks do not exist on any of the intersection approaches and sidewalks are present on the northwest and southeast quadrants.

EXISTING TRAFFIC VOLUMES

Intersection turning movement data was collected at this study intersection on Thursday, May 5, 2022, from 7:00 AM to 9:00 AM and 4:00 PM to 6:00 PM with Chico Unified School District in session. Classification, volume and speed data was also collected on each approach using pneumatic tubes from Tuesday, May 17, 2022 to Friday, May 20, 2022. The count data is summarized in **Figure 1** and complete count data is provided in **Attachment A** and **Attachment B**.

CRASH HISTORY

Vehicle collision data was obtained from the *Statewide Integrated Traffic Records System* (SWITRS) which includes information from 2010 to 2021 (the most current data available). Only one crash was reported at the study intersection in 2013.

ALL-WAY STOP WARRANT EVALUATION

In order to determine that all-way stop controls are installed only where appropriate, warrants have been developed by the Federal Highway Administration and Caltrans and published in the *CA MUTCD*. Section 2B.07 Multi-Way Stop Applications of the *CA MUTCD* provides the following criteria to be considered in an engineering study for an all-way stop control installation:

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

Warrant A Evaluation: This intersection is not intended to be signalized. Therefore, this warrant is not applicable.

Warrant A Met? **NO**

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

Warrant B Evaluation: Only one crash was reported at the study intersection in the most recent 10-year period of available data.



Warrant B Met? NO

Warrant C - Minimum volumes:

C1. The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day, and

C2. The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour, but

C3. If the 85th-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 % of the above values.

Warrant C Evaluation: Table 1 shows the peak hour approach volumes from the turning movement data.

Table 1: Volume by Approach

Time	Major Combined	Minor Combined	Meets Warrants?
7 AM to 8 AM	202	87	NO
8 AM to 9 AM	413	103	NO
4 PM to 5 PM	179	117	NO
5 PM to 6 PM	155	82	NO

As shown in the table, approximately 413 vehicles combined on the major street approaches (Notre Dame Boulevard) and 103 vehicles combined on the minor street approaches (Morrow Lane) were observed during the highest peak hour. None of the four studied peak hours meet the minimum vehicular volume warrant.

During data collection, the 85th percentile speed on Notre Dame Boulevard was approximately 37 mph. Therefore, the 70% values per C3 are not applicable.

Warrant C Met? NO

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

Warrant D Evaluation: Criteria B, C.1, and C.2 are not satisfied to 80 percent of the minimum values.

Warrant D Met? NO

In conclusion, none of the all-way stop warrants are met based on CA MUTCD evaluation.



Additional Evaluation Criteria

The CA MUTCD provides the following additional criteria to be considered in an engineering study for a multi-way stop control installation:

- A. *The need to control left-turn conflicts;*
- B. *The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;*
- C. *Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and*
- D. *An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection.*

Evaluation of Additional Criteria:

- A: The overall low volumes through the intersection do not indicate the need to control left-turn conflicts, nor was an issue noted during field observations.
- B: Traffic volume data collected at the intersection shows minimal pedestrian activity (a total of 2 pedestrians were observed during data collection).
- C: During the field visit, it was observed that sight lines were restricted by surrounding vegetation. This alone does not justify all-way stop implementation, other countermeasures are recommended.
- D: The intersection does not connect two residential neighborhood collector (through) streets.

ADDITIONAL REVIEW & RECOMMENDATIONS

As show in **Exhibit 2**, intersection sight lines were significantly restricted due to surrounding vegetation. A minimum intersection sight distance of 280 feet should be provided at a design speed of 25 mph. If possible, a desired intersection sight distance of 335 feet should be provided based on the average speed of vehicles (30 mph) during data collection. AASHTO's Design Intersection Sight Distance is included in **Attachment C**. Intersection sight distance triangles following AASHTO guidance are provided in **Figure 2** and **Figure 3**. The City of Chico should consider installing an all-way stop if the minimum intersection sight distance cannot be provided with the removal of vegetation.





Exhibit 2: Notre Dame Boulevard / Morrow Lane Intersection Sight Lines

CONCLUSION

The following is a list of our key findings and recommendations:

- ▶ During data collection, Notre Dame Boulevard carried approximately 2,002 ADT, and Morrow Lane carried approximately 996 ADT.
- ▶ During data collection, vehicles on Notre Dame Boulevard traveled at an average speed of 30 mph and an 85th percentile speed of 37 mph.
- ▶ All-way stop warrant criteria was not met for the study intersection.
- ▶ During the field visit, it was observed that intersection sight distance was significantly restricted due to surrounding vegetation.
- ▶ It is recommended that the City of Chico remove vegetation to provide at least 280 feet of intersection sight distance. If possible, the City should try to achieve 335 feet of intersection sight distance.
- ▶ The City of Chico should consider installing an all-way stop if the minimum intersection sight distance cannot be provided with the removal of vegetation.



We appreciate this opportunity to assist the City of Chico with this evaluation. Please do not hesitate to contact us at (530) 897-0199 with any questions or concerns.

Sincerely,
Headway Transportation, LLC

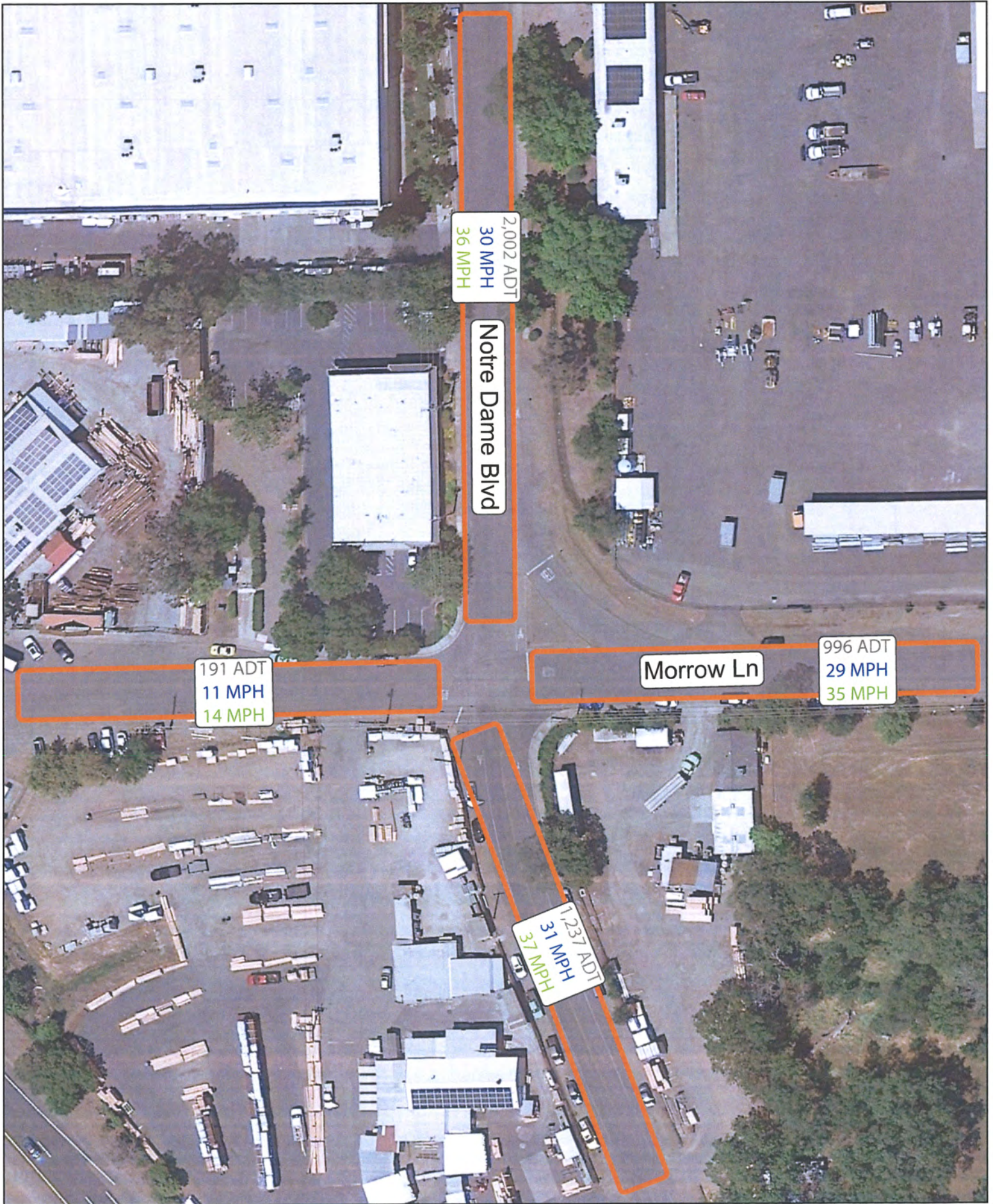
Loren E. Chilson, PE
Principal



Attachments:

- Figure 1 - Count Summary
- Figure 2 – Minimum Intersection Sight Distance Triangles
- Figure 3 – Desired Intersection Sight Distance Triangles
- Attachment A – Volume Data – Notre Dame Blvd / Morrow Ln
- Attachment B – Turning Movement Data – Notre Dame Blvd / Morrow Ln
- Attachment C – AASHTO Intersection Sight Distance





2,002 ADT
30 MPH
36 MPH

Notre Dame Blvd

191 ADT
11 MPH
14 MPH

Morrow Ln

996 ADT
29 MPH
35 MPH

1,237 ADT
31 MPH
37 MPH



XX Average Daily Traffic
 XX Average Speed
 XX 85th Percentile Speed
 [Orange Box] Speed Survey Location
 NO SCALE

Figure 1
 Notre Dame Boulevard / Morrow Lane
 All-Way Stop Warrant Analysis
 Attachment B
 Count Summary





Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Notre Dame Blvd N/O Morrow Ln

Day: Tuesday
Date: 5/17/2022

City: Chico
Project #: CA22_100024_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
3:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
4:00	0	1	2	0	1	0	0	0	0	0	0	0	0	4
5:00	0	19	8	0	1	0	0	0	0	0	0	0	0	28
6:00	1	21	20	1	6	0	0	1	0	0	0	0	0	50
7:00	0	94	35	0	20	0	0	1	2	0	0	0	0	152
8:00	0	207	64	1	21	1	0	0	0	0	0	0	0	294
9:00	0	139	48	2	19	3	0	2	2	0	0	0	0	215
10:00	0	91	39	0	15	0	0	2	4	0	0	0	0	151
11:00	1	91	40	0	19	2	0	2	1	0	0	0	0	156
12:00 PM	1	114	34	0	12	0	0	1	1	0	0	0	0	163
13:00	0	109	42	0	15	1	0	0	1	0	0	0	0	168
14:00	0	110	40	0	14	2	0	2	1	0	0	0	0	169
15:00	0	110	35	0	16	1	0	0	1	0	0	0	0	163
16:00	0	61	19	0	10	1	0	0	1	0	0	0	0	92
17:00	0	80	19	1	14	0	0	0	0	0	0	0	0	114
18:00	0	18	8	1	0	0	0	0	0	0	0	0	0	27
19:00	0	12	5	0	1	0	0	0	1	0	0	0	0	19
20:00	0	6	0	0	1	0	0	0	0	0	0	0	0	7
21:00	0	3	2	0	1	0	0	0	0	0	0	0	0	6
22:00	0	3	3	0	0	0	0	0	0	0	0	0	0	6
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	3	1294	465	6	186	11		11	15					1991
% of Totals	0%	65%	23%	0%	9%	1%		1%	1%					100%

AM Volumes	2	666	258	4	102	6	0	8	9	0	0	0	0	1055
% AM	0%	33%	13%	0%	5%	0%		0%	0%					53%
AM Peak Hour	6:00	8:00	8:00	9:00	8:00	9:00		9:00	10:00					8:00
Volume	1	207	64	2	21	3		2	4					294
PM Volumes	1	628	207	2	84	5	0	3	6	0	0	0	0	936
% PM	0%	32%	10%	0%	4%	0%		0%	0%					47%
PM Peak Hour	12:00	12:00	13:00	17:00	15:00	14:00		14:00	12:00					14:00
Volume	1	114	42	1	16	2		2	1					169

Directional Peak Periods		AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes		Volume	%	Volume	%	Volume	%	Volume	%
		446	↔ 22%	331	↔ 17%	206	↔ 10%	1008	↔ 51%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Notre Dame Blvd N/O Morrow Ln

Day: Wednesday

Date: 5/18/2022

City: Chico

Project #: CA22_100024_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	2
1:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
2:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
3:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
4:00	0	2	6	0	0	0	0	0	0	0	0	0	0	8
5:00	1	19	7	0	0	0	0	0	1	0	0	0	0	28
6:00	0	35	20	0	7	1	0	1	0	0	0	0	0	64
7:00	1	87	31	0	18	0	0	0	1	0	0	0	0	138
8:00	0	142	48	0	19	0	0	2	1	0	0	0	0	212
9:00	0	114	35	2	13	0	0	0	1	0	0	0	0	165
10:00	0	98	31	0	14	2	0	1	3	0	0	0	0	149
11:00	1	84	41	1	11	0	0	1	0	0	0	0	0	139
12:00 PM	0	105	33	0	9	0	0	1	3	0	0	0	0	151
13:00	0	85	36	0	13	1	0	0	0	0	0	0	0	135
14:00	0	45	27	0	16	2	0	2	0	0	0	0	0	92
15:00	0	43	18	1	12	1	0	0	2	0	0	0	0	77
16:00	1	42	29	1	10	0	0	0	2	0	0	0	0	85
17:00	0	29	11	1	2	0	0	0	0	0	0	0	0	43
18:00	0	38	13	1	2	0	0	0	0	0	0	0	0	54
19:00	0	30	7	0	2	0	0	0	0	0	0	0	0	39
20:00	0	14	1	0	0	0	0	0	0	0	0	0	0	15
21:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Totals	4	1024	399	7	150	7		8	14					1613
% of Totals	0%	63%	25%	0%	9%	0%		0%	1%					100%

AM Volumes	3	587	221	3	83	3	0	5	7	0	0	0	0	912
% AM	0%	36%	14%	0%	5%	0%		0%	0%					57%
AM Peak Hour	5:00	8:00	8:00	9:00	8:00	10:00		8:00	10:00					8:00
Volume	1	142	48	2	19	2		2	3					212
PM Volumes	1	437	178	4	67	4	0	3	7	0	0	0	0	701
% PM	0%	27%	11%	0%	4%	0%		0%	0%					43%
PM Peak Hour	16:00	12:00	13:00	15:00	14:00	14:00		14:00	12:00					12:00
Volume	1	105	36	1	16	2		2	3					151

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	350	↔ 22%	286	↔ 18%	128	↔ 8%	849	↔ 53%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Notre Dame Blvd N/O Morrow Ln

Day: Thursday
Date: 5/19/2022

City: Chico
Project #: CA22_100024_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
1:00	0	2	3	0	0	0	0	0	0	0	0	0	0	5
2:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
3:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4
4:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
5:00	0	15	8	0	0	0	0	0	1	0	0	0	0	24
6:00	0	35	15	0	7	0	0	0	1	0	0	0	0	58
7:00	1	92	34	0	14	0	0	1	0	0	0	0	0	142
8:00	0	202	75	3	21	1	0	0	1	0	0	0	0	303
9:00	0	188	62	1	18	1	0	3	1	0	0	0	0	274
10:00	1	100	38	0	13	0	0	1	2	0	0	0	0	155
11:00	0	126	46	2	20	0	0	0	2	0	0	0	0	196
12:00 PM	0	104	34	1	11	2	0	2	0	0	0	0	0	154
13:00	0	82	26	1	16	1	0	0	2	0	0	0	0	128
14:00	0	112	36	0	26	1	0	2	0	0	0	0	0	177
15:00	0	96	26	0	8	0	0	3	1	0	0	0	0	134
16:00	0	58	24	1	15	1	0	1	2	0	0	0	0	102
17:00	0	37	13	0	1	0	0	1	0	0	0	0	0	52
18:00	0	33	8	3	0	0	0	0	0	0	0	0	0	44
19:00	0	14	2	1	0	0	0	0	0	0	0	0	0	17
20:00	0	7	3	1	0	0	0	0	0	0	0	0	0	11
21:00	0	4	3	0	1	0	0	0	0	0	0	0	0	8
22:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	2	1320	461	14	171	7		14	13					2002
% of Totals	0%	66%	23%	1%	9%	0%		1%	1%					100%

AM Volumes	2	769	286	6	93	2	0	5	8	0	0	0	0	1171
% AM	0%	38%	14%	0%	5%	0%		0%	0%					58%
AM Peak Hour	7:00	8:00	8:00	8:00	8:00	8:00		9:00	10:00					8:00
Volume	1	202	75	3	21	1		3	2					303
PM Volumes	0	551	175	8	78	5	0	9	5	0	0	0	0	831
% PM		28%	9%	0%	4%	0%		0%	0%					42%
PM Peak Hour		14:00	14:00	18:00	14:00	12:00		15:00	13:00					14:00
Volume		112	36	3	26	2		3	2					177

Directional Peak Periods		AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes		Volume	%	Volume	%	Volume	%	Volume	%
		445	↔ 22%	282	↔ 14%	154	↔ 8%	1121	↔ 56%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Notre Dame Blvd N/O Morrow Ln

Day: Friday
Date: 5/20/2022

City: Chico
Project #: CA22_100024_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	2
1:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
2:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
3:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
4:00	1	2	2	0	0	0	0	0	0	0	0	0	0	5
5:00	0	15	5	0	2	2	0	0	0	0	0	0	0	24
6:00	0	39	12	0	2	2	0	0	0	0	0	0	0	55
7:00	0	74	36	0	16	0	0	2	1	0	0	0	0	129
8:00	0	87	29	0	15	1	0	1	1	0	0	0	0	134
9:00	0	70	21	1	10	2	0	0	3	0	0	0	0	107
10:00	0	41	30	2	16	0	0	2	1	0	0	0	0	92
11:00	1	45	23	0	10	0	0	0	1	0	0	0	0	80
12:00 PM	0	66	29	1	11	1	0	0	0	0	0	0	0	108
13:00	0	53	29	0	14	1	0	1	1	0	0	0	0	99
14:00	0	40	20	1	8	3	0	0	0	0	0	0	0	72
15:00	0	46	24	2	14	0	0	2	1	0	0	0	0	89
16:00	0	42	15	1	9	0	0	1	0	0	0	0	0	68
17:00	0	18	8	0	3	0	0	0	0	0	0	0	0	29
18:00	0	12	6	0	0	0	0	0	0	0	0	0	0	18
19:00	0	9	4	0	1	0	0	0	0	0	0	0	0	14
20:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
21:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
22:00	0	5	1	0	2	0	0	0	0	0	0	0	0	8
23:00	0	4	1	0	1	0	0	1	0	0	0	0	0	7
Totals	2	681	299	8	135	12		10	9					1156
% of Totals	0%	59%	26%	1%	12%	1%		1%	1%					100%

AM Volumes	2	377	162	3	72	7	0	5	7	0	0	0	0	635
% AM	0%	33%	14%	0%	6%	1%		0%	1%					55%
AM Peak Hour	4:00	8:00	7:00	10:00	7:00	5:00		7:00	9:00					8:00
Volume	1	87	36	2	16	2		2	3					134
PM Volumes	0	304	137	5	63	5	0	5	2	0	0	0	0	521
% PM		26%	12%	0%	5%	0%		0%	0%					45%
PM Peak Hour		12:00	12:00	15:00	13:00	14:00		15:00	13:00					12:00
Volume		66	29	2	14	3		2	1					108

Directional Peak Periods		AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes		Volume	%	Volume	%	Volume	%	Volume	%
		263	↔ 23%	207	↔ 18%	97	↔ 8%	589	↔ 51%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Notre Dame Blvd N/O Morrow Ln

Day: Tuesday

Date: 5/17/2022

City: Chico

Project #: CA22_100024_001

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	1	0	1	1	0	0	0	0	0	0	0	3
3:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
4:00	0	0	1	2	1	0	0	0	0	0	0	0	0	4
5:00	0	1	4	15	7	0	1	0	0	0	0	0	0	28
6:00	0	1	6	24	13	6	0	0	0	0	0	0	0	50
7:00	0	3	10	65	47	25	2	0	0	0	0	0	0	152
8:00	0	6	39	92	121	29	6	0	1	0	0	0	0	294
9:00	1	5	23	92	66	23	5	0	0	0	0	0	0	215
10:00	3	6	18	39	57	25	3	0	0	0	0	0	0	151
11:00	1	3	24	34	63	27	3	1	0	0	0	0	0	156
12:00 PM	0	4	21	47	68	19	3	1	0	0	0	0	0	163
13:00	2	6	17	65	62	13	2	1	0	0	0	0	0	168
14:00	0	3	24	56	64	19	3	0	0	0	0	0	0	169
15:00	1	6	20	54	51	28	3	0	0	0	0	0	0	163
16:00	2	1	7	23	28	23	6	1	1	0	0	0	0	92
17:00	0	0	7	36	36	25	9	1	0	0	0	0	0	114
18:00	0	1	0	9	11	4	1	0	1	0	0	0	0	27
19:00	0	1	3	6	4	4	1	0	0	0	0	0	0	19
20:00	0	0	2	3	1	1	0	0	0	0	0	0	0	7
21:00	0	0	0	2	2	2	0	0	0	0	0	0	0	6
22:00	0	0	1	1	3	1	0	0	0	0	0	0	0	6
23:00	1	0	0	0	1	0	0	0	0	0	0	0	0	2
Totals	11	47	229	666	707	275	48	5	3					1991
% of Totals	1%	2%	12%	33%	36%	14%	2%	0%	0%					100%

AM Volumes	5	25	127	364	376	136	20	1	1	0	0	0	0	1055			
% AM	0%	1%	6%	18%	19%	7%	1%	0%	0%					53%			
AM Peak Hour	10:00	8:00	8:00	8:00	8:00	8:00	8:00	11:00	8:00					8:00			
Volume	3	6	39	92	121	29	6	1	1					294			
PM Volumes	6	22	102	302	331	139	28	4	2	0	0	0	0	936			
% PM	0%	1%	5%	15%	17%	7%	1%	0%	0%					47%			
PM Peak Hour	13:00	13:00	14:00	13:00	12:00	15:00	17:00	12:00	16:00					14:00			
Volume	2	6	24	65	68	28	9	1	1					169			
Directional Peak Periods		AM 7-9				NOON 12-2				PM 4-6		Off Peak Volumes					
All Speeds		Volume	↔		%	Volume	↔		%	Volume	↔		%	Volume	↔		%
		446			22%	331			17%	206			10%	1008			51%

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Notre Dame Blvd	Summary	25	30	30	36	39	1991

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Notre Dame Blvd N/O Morrow Ln

Day: Wednesday

Date: 5/18/2022

City: Chico

Project #: CA22_100024_001

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	2	0	0	0	0	0	0	0	0	0	0	2
1:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
2:00	2	0	0	0	2	0	0	0	0	0	0	0	0	4
3:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2
4:00	0	0	0	3	4	1	0	0	0	0	0	0	0	8
5:00	0	1	3	12	8	2	2	0	0	0	0	0	0	28
6:00	0	2	14	32	12	3	1	0	0	0	0	0	0	64
7:00	0	2	11	50	49	21	5	0	0	0	0	0	0	138
8:00	0	2	20	71	88	27	4	0	0	0	0	0	0	212
9:00	1	3	15	50	67	26	2	1	0	0	0	0	0	165
10:00	0	0	9	67	52	19	2	0	0	0	0	0	0	149
11:00	1	1	17	50	49	17	4	0	0	0	0	0	0	139
12:00 PM	2	0	16	65	56	8	3	1	0	0	0	0	0	151
13:00	0	1	9	51	53	19	2	0	0	0	0	0	0	135
14:00	0	1	19	38	22	10	2	0	0	0	0	0	0	92
15:00	0	3	7	24	28	13	2	0	0	0	0	0	0	77
16:00	0	0	8	28	30	18	1	0	0	0	0	0	0	85
17:00	0	1	3	13	13	6	7	0	0	0	0	0	0	43
18:00	0	0	3	13	23	15	0	0	0	0	0	0	0	54
19:00	0	0	5	14	18	2	0	0	0	0	0	0	0	39
20:00	0	2	2	3	6	1	1	0	0	0	0	0	0	15
21:00	1	0	1	1	2	1	0	0	0	0	0	0	0	6
22:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2
23:00	1	0	0	0	1	0	0	0	0	0	0	0	0	2
Totals	8	20	164	587	585	209	38	2						1613
% of Totals	0%	1%	10%	36%	36%	13%	2%	0%						100%

AM Volumes	4	12	91	336	332	116	20	1	0	0	0	0	0	912		
% AM	0%	1%	6%	21%	21%	7%	1%	0%						57%		
AM Peak Hour	2:00	9:00	8:00	8:00	8:00	8:00	7:00	9:00						8:00		
Volume	2	3	20	71	88	27	5	1						212		
PM Volumes	4	8	73	251	253	93	18	1	0	0	0	0	0	701		
% PM	0%	0%	5%	16%	16%	6%	1%	0%						43%		
PM Peak Hour	12:00	15:00	14:00	12:00	12:00	13:00	17:00	12:00						12:00		
Volume	2	3	19	65	56	19	7	1						151		
Directional Peak Periods		AM 7-9				NOON 12-2			PM 4-6			Off Peak Volumes				
All Speeds		Volume	↔		%	Volume	↔		%	Volume	↔		%	Volume	↔	
		350			22%	286			18%	128			8%	849		

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Notre Dame Blvd	Summary	25	30	30	35	39	1613

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Notre Dame Blvd N/O Morrow Ln

Day: Thursday
Date: 5/19/2022

City: Chico
Project #: CA22_100024_001

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	1
1:00	1	0	0	1	1	0	2	0	0	0	0	0	0	5
2:00	0	0	0	0	1	1	0	0	0	0	0	0	0	2
3:00	0	0	2	1	1	0	0	0	0	0	0	0	0	4
4:00	0	0	1	3	2	1	0	0	0	0	0	0	0	7
5:00	0	0	2	7	12	3	0	0	0	0	0	0	0	24
6:00	3	0	7	20	25	3	0	0	0	0	0	0	0	58
7:00	0	0	19	44	46	29	4	0	0	0	0	0	0	142
8:00	6	9	31	83	119	50	5	0	0	0	0	0	0	303
9:00	1	8	18	70	111	56	10	0	0	0	0	0	0	274
10:00	0	7	16	32	64	29	6	1	0	0	0	0	0	155
11:00	3	7	18	62	74	24	6	2	0	0	0	0	0	196
12:00 PM	8	2	22	45	57	18	1	1	0	0	0	0	0	154
13:00	0	1	14	44	49	15	5	0	0	0	0	0	0	128
14:00	0	3	22	61	71	20	0	0	0	0	0	0	0	177
15:00	1	0	13	39	47	30	4	0	0	0	0	0	0	134
16:00	0	4	16	32	29	18	3	0	0	0	0	0	0	102
17:00	0	1	6	15	20	7	3	0	0	0	0	0	0	52
18:00	0	1	3	11	17	11	1	0	0	0	0	0	0	44
19:00	0	0	2	9	4	2	0	0	0	0	0	0	0	17
20:00	0	0	1	3	2	2	2	1	0	0	0	0	0	11
21:00	0	0	3	1	3	1	0	0	0	0	0	0	0	8
22:00	0	0	1	2	0	0	0	0	0	0	0	0	0	3
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Totals	23	43	217	586	756	320	52	5						2002
% of Totals	1%	2%	11%	29%	38%	16%	3%	0%						100%

AM Volumes	14	31	114	324	456	196	33	3	0	0	0	0	0	1171
% AM	1%	2%	6%	16%	23%	10%	2%	0%						58%
AM Peak Hour	8:00	8:00	8:00	8:00	8:00	9:00	9:00	11:00						8:00
Volume	6	9	31	83	119	56	10	2						303
PM Volumes	9	12	103	262	300	124	19	2	0	0	0	0	0	831
% PM	0%	1%	5%	13%	15%	6%	1%	0%						42%
PM Peak Hour	12:00	16:00	12:00	14:00	14:00	15:00	13:00	12:00						14:00
Volume	8	4	22	61	71	30	5	1						177
Directional Peak Periods			AM 7-9				NOON 12-2			PM 4-6		Off Peak Volumes		
All Speeds			Volume	↔		%	Volume	↔		%	Volume	↔		%
			445			22%	282			14%	154			8%
											1121			56%

Street Name	Direction	Percentiles					B ADT
		15th	50th	Average	85th	95th	
Notre Dame Blvd	Summary	25	31	30	36	39	2002

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Notre Dame Blvd N/O Morrow Ln

Day: Friday

Date: 5/20/2022

City: Chico

Project #: CA22_100024_001

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	2	0	0	0	0	0	0	0	0	0	2
1:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
2:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
3:00	0	1	1	1	1	0	0	0	0	0	0	0	0	4
4:00	0	0	1	2	2	0	0	0	0	0	0	0	0	5
5:00	1	0	4	8	7	3	1	0	0	0	0	0	0	24
6:00	2	1	5	21	21	4	1	0	0	0	0	0	0	55
7:00	2	1	7	51	46	21	1	0	0	0	0	0	0	129
8:00	1	4	12	40	58	17	2	0	0	0	0	0	0	134
9:00	0	1	7	43	39	16	1	0	0	0	0	0	0	107
10:00	0	5	18	28	27	11	3	0	0	0	0	0	0	92
11:00	0	1	9	27	27	16	0	0	0	0	0	0	0	80
12:00 PM	0	0	8	46	41	12	1	0	0	0	0	0	0	108
13:00	2	5	16	37	30	8	1	0	0	0	0	0	0	99
14:00	1	2	9	34	22	4	0	0	0	0	0	0	0	72
15:00	0	2	14	29	28	15	1	0	0	0	0	0	0	89
16:00	0	0	5	20	27	12	4	0	0	0	0	0	0	68
17:00	0	2	1	7	11	6	2	0	0	0	0	0	0	29
18:00	0	0	3	5	9	1	0	0	0	0	0	0	0	18
19:00	0	3	1	6	4	0	0	0	0	0	0	0	0	14
20:00	0	0	3	2	1	0	0	0	0	0	0	0	0	6
21:00	0	0	0	2	1	0	0	0	0	0	0	0	0	3
22:00	0	0	1	3	2	2	0	0	0	0	0	0	0	8
23:00	0	2	2	2	1	0	0	0	0	0	0	0	0	7
Totals	9	30	128	417	406	148	18							1156
% of Totals	1%	3%	11%	36%	35%	13%	2%							100%

AM Volumes	6	14	65	224	229	88	9	0	0	0	0	0	0	635				
% AM	1%	1%	6%	19%	20%	8%	1%							55%				
AM Peak Hour	6:00	10:00	10:00	7:00	8:00	7:00	10:00							8:00				
Volume	2	5	18	51	58	21	3							134				
PM Volumes	3	16	63	193	177	60	9	0	0	0	0	0	0	521				
% PM	0%	1%	5%	17%	15%	5%	1%							45%				
PM Peak Hour	13:00	13:00	13:00	12:00	12:00	15:00	16:00							12:00				
Volume	2	5	16	46	41	15	4							108				
Directional Peak Periods			AM 7-9				NOON 12-2				PM 4-6		Off Peak Volumes					
All Speeds			Volume	↔		%	Volume	↔		%	Volume	↔		%	Volume	↔		%
			263			23%	207			18%	97			8%	589			51%

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Notre Dame Blvd	Summary	25	30	30	35	39	1156

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Notre Dame Blvd S/O Morrow Ln

Day: Tuesday
Date: 5/17/2022

City: Chico
Project #: CA22_100024_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
5:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
6:00	0	1	0	1	2	2	0	0	1	0	0	0	0	7
7:00	0	20	4	0	3	0	0	0	1	0	0	0	0	28
8:00	0	77	23	1	7	0	0	0	1	0	0	0	0	109
9:00	0	82	19	0	3	1	0	0	0	0	0	0	0	105
10:00	1	54	13	0	5	1	0	1	2	0	0	0	0	77
11:00	0	76	24	0	5	0	0	1	2	1	0	0	0	109
12:00 PM	1	96	20	0	7	0	0	0	1	0	0	0	0	125
13:00	0	59	19	0	7	1	0	0	0	0	0	0	0	86
14:00	1	86	17	0	5	1	0	0	0	0	0	0	0	110
15:00	1	158	27	0	4	1	0	0	0	0	0	0	0	191
16:00	0	85	17	0	5	0	0	0	1	0	0	0	0	108
17:00	0	44	10	0	4	0	0	0	0	0	0	0	0	58
18:00	0	22	7	0	2	0	0	0	0	0	0	0	0	31
19:00	0	46	14	0	9	0	0	0	0	0	0	0	0	69
20:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
21:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	4	913	218	2	68	7		2	9	1				1224
% of Totals	0%	75%	18%	0%	6%	1%		0%	1%	0%				100%

AM Volumes	1	312	84	2	25	4	0	2	7	1	0	0	0	438
% AM	0%	25%	7%	0%	2%	0%		0%	1%	0%				36%
AM Peak Hour	10:00	9:00	11:00	6:00	8:00	6:00		10:00	10:00	11:00				8:00
Volume	1	82	24	1	7	2		1	2	1				109
PM Volumes	3	601	134	0	43	3	0	0	2	0	0	0	0	786
% PM	0%	49%	11%		4%	0%			0%					64%
PM Peak Hour	12:00	15:00	15:00		19:00	13:00			12:00					15:00
Volume	1	158	27		9	1			1					191

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	137	↔ 11%	211	↔ 17%	166	↔ 14%	710	↔ 58%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Notre Dame Blvd S/O Morrow Ln

Day: Wednesday

Date: 5/18/2022

City: Chico

Project #: CA22_100024_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	2	1	1	2	2	0	0	1	0	0	0	0	9
7:00	0	22	7	0	3	0	0	0	2	0	0	0	0	34
8:00	0	37	19	0	4	0	0	0	0	0	0	0	0	60
9:00	0	54	12	0	2	0	0	0	2	0	0	0	0	70
10:00	0	51	15	0	4	0	0	0	0	0	0	0	0	70
11:00	0	71	20	0	2	1	0	0	3	0	0	0	0	97
12:00 PM	0	93	9	0	5	0	0	1	0	0	0	0	0	108
13:00	0	69	17	0	5	0	0	0	1	0	0	0	0	92
14:00	0	31	14	0	5	1	0	0	0	0	0	0	0	51
15:00	0	39	7	0	1	0	0	0	1	0	0	0	0	48
16:00	0	67	14	1	6	0	0	0	0	0	0	0	0	88
17:00	1	28	8	0	2	0	0	0	0	0	0	0	0	39
18:00	0	16	2	0	0	0	0	0	0	0	0	0	0	18
19:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
20:00	0	19	3	0	0	0	0	0	0	0	0	0	0	22
21:00	0	8	0	0	0	0	0	0	0	0	0	0	0	8
22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	1	612	151	2	41	4		1	10					822
% of Totals	0%	74%	18%	0%	5%	0%		0%	1%					100%

AM Volumes	0	238	74	1	17	3	0	0	8	0	0	0	0	341
% AM		29%	9%	0%	2%	0%			1%					41%
AM Peak Hour		11:00	11:00	6:00	8:00	6:00			11:00					11:00
Volume		71	20	1	4	2			3					97
PM Volumes	1	374	77	1	24	1	0	1	2	0	0	0	0	481
% PM	0%	45%	9%	0%	3%	0%		0%	0%					59%
PM Peak Hour	17:00	12:00	13:00	16:00	16:00	14:00		12:00	13:00					12:00
Volume	1	93	17	1	6	1		1	1					108

Directional Peak Periods		AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes		Volume	%	Volume	%	Volume	%	Volume	%
		94	↔ 11%	200	↔ 24%	127	↔ 15%	401	↔ 49%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

CLASSIFICATION

Notre Dame Blvd S/O Morrow Ln

Day: Thursday
Date: 5/19/2022

City: Chico
Project #: CA22_100024_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
5:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
6:00	0	1	0	0	3	1	0	0	1	0	0	0	0	6
7:00	0	24	4	0	3	1	0	0	2	0	0	0	0	34
8:00	0	85	20	0	9	0	0	0	0	0	0	0	0	114
9:00	0	112	25	0	7	1	0	0	2	0	0	0	0	147
10:00	0	69	21	0	2	1	0	0	0	0	0	0	0	93
11:00	0	113	29	0	11	0	0	0	1	0	0	0	0	154
12:00 PM	2	80	18	0	4	0	0	0	2	0	0	0	0	106
13:00	0	48	7	0	2	1	0	0	0	0	0	0	0	58
14:00	0	96	22	0	10	1	0	0	0	0	0	0	0	129
15:00	0	157	32	0	7	0	0	0	1	0	0	0	0	197
16:00	0	76	17	0	10	0	0	1	2	0	0	0	0	106
17:00	0	34	9	0	3	0	0	0	0	0	0	0	0	46
18:00	0	10	1	0	0	0	0	0	0	0	0	0	0	11
19:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
20:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
21:00	0	12	4	0	0	0	0	0	0	0	0	0	0	16
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	2	931	215		71	6		1	11					1237
% of Totals	0%	75%	17%		6%	0%		0%	1%					100%

AM Volumes	0	405	104	0	35	4	0	0	6	0	0	0	0	554
% AM		33%	8%		3%	0%			0%					45%
AM Peak Hour		11:00	11:00		11:00	6:00			7:00					11:00
Volume		113	29		11	1			2					154
PM Volumes	2	526	111	0	36	2	0	1	5	0	0	0	0	683
% PM	0%	43%	9%		3%	0%		0%	0%					55%
PM Peak Hour	12:00	15:00	15:00		14:00	13:00		16:00	12:00					15:00
Volume	2	157	32		10	1		1	2					197

Directional Peak Periods		AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes		Volume	%	Volume	%	Volume	%	Volume	%
		148	↔ 12%	164	↔ 13%	152	↔ 12%	773	↔ 62%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Notre Dame Blvd S/O Morrow Ln

Day: Friday
Date: 5/20/2022

City: Chico
Project #: CA22_100024_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	1	0	1	0	1	0	0	0	0	0	0	0	3
7:00	0	16	3	0	1	1	0	0	0	0	0	0	0	21
8:00	0	21	8	0	4	0	0	0	2	0	0	0	0	35
9:00	0	18	7	0	2	1	0	0	0	0	0	0	0	28
10:00	0	16	7	0	3	1	0	0	4	0	0	0	0	31
11:00	0	44	6	0	6	0	0	0	1	0	0	0	0	57
12:00 PM	0	31	8	0	1	1	0	0	0	0	0	0	0	41
13:00	0	26	12	0	5	1	0	0	0	0	0	0	0	44
14:00	1	26	6	0	2	0	0	0	0	0	0	0	0	35
15:00	0	28	7	0	2	0	0	0	0	0	0	0	0	37
16:00	0	38	13	0	5	0	0	0	0	0	0	0	0	56
17:00	0	26	6	0	2	0	0	0	0	0	0	0	0	34
18:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
19:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
20:00	1	4	1	0	0	0	0	0	0	0	0	0	0	6
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	2	305	88	1	33	6			7					442
% of Totals	0%	69%	20%	0%	7%	1%			2%					100%

AM Volumes	0	116	31	1	16	4	0	0	7	0	0	0	0	175
% AM		26%	7%	0%	4%	1%			2%					40%
AM Peak Hour		11:00	8:00	6:00	11:00	6:00			10:00					11:00
Volume		44	8	1	6	1			4					57
PM Volumes	2	189	57	0	17	2	0	0	0	0	0	0	0	267
% PM	0%	43%	13%		4%	0%								60%
PM Peak Hour	14:00	16:00	16:00		13:00	12:00								16:00
Volume	1	38	13		5	1								56

Directional Peak Periods		AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes		Volume	%	Volume	%	Volume	%	Volume	%
		56	↔ 13%	85	↔ 19%	90	↔ 20%	211	↔ 48%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Notre Dame Blvd S/O Morrow Ln

Day: Tuesday
Date: 5/17/2022

City: Chico
Project #: CA22_100024_002

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:00	3	2	0	1	0	0	1	0	0	0	0	0	0	7
07:00	1	1	0	3	12	10	1	0	0	0	0	0	0	28
08:00	1	2	4	28	52	21	1	0	0	0	0	0	0	109
09:00	0	2	8	28	50	15	2	0	0	0	0	0	0	105
10:00	2	3	11	25	24	12	0	0	0	0	0	0	0	77
11:00	1	6	6	35	49	8	4	0	0	0	0	0	0	109
12:00 PM	1	2	10	49	47	13	1	2	0	0	0	0	0	125
13:00	0	2	9	26	34	14	1	0	0	0	0	0	0	86
14:00	1	2	8	34	42	20	3	0	0	0	0	0	0	110
15:00	3	2	13	71	78	23	0	1	0	0	0	0	0	191
16:00	1	0	5	19	40	39	3	1	0	0	0	0	0	108
17:00	3	2	9	12	14	16	2	0	0	0	0	0	0	58
18:00	0	1	6	5	9	8	1	1	0	0	0	0	0	31
19:00	0	1	4	15	33	11	5	0	0	0	0	0	0	69
20:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2
21:00	1	0	0	1	1	0	0	0	0	0	0	0	0	3
22:00	0	0	0	0	1	0	0	0	1	0	0	0	0	2
23:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Totals	18	29	94	356	486	210	25	5	1					1224
% of Totals	1%	2%	8%	29%	40%	17%	2%	0%	0%					100%

AM Volumes	8	17	30	121	187	66	9	0	0	0	0	0	0	438		
% AM	1%	1%	2%	10%	15%	5%	1%							36%		
AM Peak Hour	06:00	11:00	10:00	11:00	08:00	08:00	11:00							08:00		
Volume	3	6	11	35	52	21	4							109		
PM Volumes	10	12	64	235	299	144	16	5	1	0	0	0	0	786		
% PM	1%	1%	5%	19%	24%	12%	1%	0%	0%					64%		
PM Peak Hour	15:00	12:00	15:00	15:00	15:00	16:00	19:00	12:00	22:00					15:00		
Volume	3	2	13	71	78	39	5	2	1					191		
Directional Peak Periods		AM 7-9				NOON 12-2				PM 4-6			Off Peak Volumes			
All Speeds		Volume	↔		%	Volume	↔		%	Volume	↔		%	Volume	↔	
		137			11%	211			17%	166			14%	710		

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Notre Dame Blvd	Summary	26	31	31	36	39	1224

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Notre Dame Blvd S/O Morrow Ln

Day: Wednesday

Date: 5/18/2022

City: Chico

Project #: CA22_100024_002

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	3	1	0	2	2	0	0	0	0	0	0	0	9
07:00	1	1	1	4	17	7	3	0	0	0	0	0	0	34
08:00	0	2	3	18	23	13	1	0	0	0	0	0	0	60
09:00	1	4	7	22	25	9	2	0	0	0	0	0	0	70
10:00	0	4	8	18	30	9	1	0	0	0	0	0	0	70
11:00	3	3	8	22	48	11	1	1	0	0	0	0	0	97
12:00 PM	0	2	10	32	45	15	4	0	0	0	0	0	0	108
13:00	2	3	4	21	45	13	4	0	0	0	0	0	0	92
14:00	2	3	8	12	17	7	2	0	0	0	0	0	0	51
15:00	2	1	6	5	23	9	1	1	0	0	0	0	0	48
16:00	0	1	3	21	36	22	4	1	0	0	0	0	0	88
17:00	1	1	4	6	12	12	3	0	0	0	0	0	0	39
18:00	1	0	1	8	5	3	0	0	0	0	0	0	0	18
19:00	0	1	2	0	2	1	0	0	0	0	0	0	0	6
20:00	0	1	2	1	12	6	0	0	0	0	0	0	0	22
21:00	0	0	2	3	1	2	0	0	0	0	0	0	0	8
22:00	0	0	0	0	0	0	1	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	14	30	71	193	343	141	27	3						822
% of Totals	2%	4%	9%	23%	42%	17%	3%	0%						100%

AM Volumes	6	17	29	84	145	51	8	1	0	0	0	0	0	341		
% AM	1%	2%	4%	10%	18%	6%	1%	0%						41%		
AM Peak Hour	11:00	09:00	10:00	09:00	11:00	08:00	07:00	11:00						11:00		
Volume	3	4	8	22	48	13	3	1						97		
PM Volumes	8	13	42	109	198	90	19	2	0	0	0	0	0	481		
% PM	1%	2%	5%	13%	24%	11%	2%	0%						59%		
PM Peak Hour	13:00	13:00	12:00	12:00	12:00	16:00	12:00	15:00						12:00		
Volume	2	3	10	32	45	22	4	1						108		
Directional Peak Periods		AM 7-9				NOON 12-2				PM 4-6				Off Peak Volumes		
All Speeds		Volume	↔		%	Volume	↔		%	Volume	↔		%	Volume	↔	
		94			11%	200			24%	127			15%	401		

Street Name	Direction	Percentiles					
		15th	50th	Average	85th	95th	ADT
Notre Dame Blvd	Summary	25	32	31	37	40	822

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Notre Dame Blvd S/O Morrow Ln

Day: Thursday
Date: 5/19/2022

City: Chico
Project #: CA22_100024_002

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	2	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	1	0	0	0	0	0	0	0	1
06:00	0	4	0	1	0	1	0	0	0	0	0	0	0	6
07:00	3	1	1	1	12	15	1	0	0	0	0	0	0	34
08:00	0	2	6	44	40	22	0	0	0	0	0	0	0	114
09:00	3	4	15	43	55	25	2	0	0	0	0	0	0	147
10:00	1	1	6	31	41	12	1	0	0	0	0	0	0	93
11:00	0	4	12	48	64	23	2	1	0	0	0	0	0	154
12:00 PM	1	4	9	36	38	15	3	0	0	0	0	0	0	106
13:00	1	2	7	17	22	7	2	0	0	0	0	0	0	58
14:00	1	3	9	43	56	15	2	0	0	0	0	0	0	129
15:00	2	2	16	62	88	23	4	0	0	0	0	0	0	197
16:00	1	2	8	28	49	16	2	0	0	0	0	0	0	106
17:00	2	0	5	10	16	9	3	1	0	0	0	0	0	46
18:00	0	0	2	3	3	3	0	0	0	0	0	0	0	11
19:00	0	0	0	1	2	1	0	0	0	0	0	0	0	4
20:00	0	1	1	1	3	1	2	0	0	0	0	0	0	9
21:00	1	2	1	3	4	4	1	0	0	0	0	0	0	16
22:00	0	0	0	0	0	0	1	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	16	32	100	372	494	193	28	2						1237
% of Totals	1%	3%	8%	30%	40%	16%	2%	0%						100%

AM Volumes	7	16	42	168	213	99	8	1	0	0	0	0	0	554		
% AM	1%	1%	3%	14%	17%	8%	1%	0%						45%		
AM Peak Hour	07:00	06:00	09:00	11:00	11:00	09:00	01:00	11:00						11:00		
Volume	3	4	15	48	64	25	2	1						154		
PM Volumes	9	16	58	204	281	94	20	1	0	0	0	0	0	683		
% PM	1%	1%	5%	16%	23%	8%	2%	0%						55%		
PM Peak Hour	15:00	12:00	15:00	15:00	15:00	15:00	15:00	17:00						15:00		
Volume	2	4	16	62	88	23	4	1						197		
Directional Peak Periods		AM 7-9				NOON 12-2			PM 4-6			Off Peak Volumes				
All Speeds		Volume	↔		%	Volume	↔		%	Volume	↔		%	Volume	↔	
		148			12%	164			13%	152			12%	773		

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Notre Dame Blvd	Summary	26	31	31	36	39	1237

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Notre Dame Blvd S/O Morrow Ln

Day: Friday
Date: 5/20/2022

City: Chico
Project #: CA22_100024_002

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	2	0	0	0	0	0	1	0	0	0	0	0	0	3
07:00	0	2	0	1	9	7	2	0	0	0	0	0	0	21
08:00	1	2	3	3	14	12	0	0	0	0	0	0	0	35
09:00	0	3	4	4	13	2	2	0	0	0	0	0	0	28
10:00	2	5	2	5	16	1	0	0	0	0	0	0	0	31
11:00	1	3	7	11	20	13	2	0	0	0	0	0	0	57
12:00 PM	1	1	1	14	15	7	2	0	0	0	0	0	0	41
13:00	2	6	2	6	16	12	0	0	0	0	0	0	0	44
14:00	0	2	6	7	15	5	0	0	0	0	0	0	0	35
15:00	0	2	1	9	16	6	2	1	0	0	0	0	0	37
16:00	0	1	2	10	18	21	4	0	0	0	0	0	0	56
17:00	0	0	6	9	11	7	1	0	0	0	0	0	0	34
18:00	1	0	2	1	0	1	0	0	0	0	0	0	0	5
19:00	1	1	1	1	1	1	0	0	0	0	0	0	0	6
20:00	1	0	3	0	2	0	0	0	0	0	0	0	0	6
21:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
22:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Totals	12	28	40	83	166	96	16	1						442
% of Totals	3%	6%	9%	19%	38%	22%	4%	0%						100%

AM Volumes	6	15	16	24	72	35	7	0	0	0	0	0	0	175
% AM	1%	3%	4%	5%	16%	8%	2%							40%
AM Peak Hour	06:00	10:00	11:00	11:00	11:00	11:00	07:00							11:00
Volume	2	5	7	11	20	13	2							57
PM Volumes	6	13	24	59	94	61	9	1	0	0	0	0	0	267
% PM	1%	3%	5%	13%	21%	14%	2%	0%						60%
PM Peak Hour	13:00	13:00	14:00	12:00	16:00	16:00	16:00	15:00						16:00
Volume	2	6	6	14	18	21	4	1						56
Directional Peak Periods			AM 7-9				NOON 12-2				PM 4-6		Off Peak Volumes	
All Speeds			Volume	↔		%	Volume	↔		%	Volume	↔		%
			56			13%	85			19%	90			20%
											211			48%

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Notre Dame Blvd	Summary	23	32	31	37	40	442

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Morrow Ln E/O Notre Dame Blvd

Day: Tuesday
Date: 5/17/2022

City: Chico
Project #: CA22_100024_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	2	3	0	3	0	0	0	0	0	0	0	0	8
06:00	0	7	7	0	5	0	0	1	0	0	0	0	0	20
07:00	0	29	13	1	19	0	0	0	0	0	0	0	0	62
08:00	0	35	31	5	14	0	0	0	0	0	0	0	0	85
09:00	0	32	24	1	7	0	0	0	0	0	0	0	0	64
10:00	0	26	21	0	6	0	0	1	1	0	0	0	0	55
11:00	0	42	26	0	5	0	0	1	0	0	0	0	0	74
12:00 PM	0	51	26	1	9	0	0	0	0	0	0	0	0	87
13:00	0	47	20	1	5	0	0	1	0	0	0	0	0	74
14:00	0	39	23	0	4	0	0	0	0	0	0	0	0	66
15:00	1	59	26	0	9	1	0	1	0	0	0	0	0	97
16:00	0	65	25	0	10	0	1	0	0	0	0	0	0	101
17:00	0	60	10	0	2	0	0	0	0	0	0	0	0	72
18:00	0	23	5	0	3	0	0	0	0	0	0	0	0	31
19:00	0	9	3	0	1	0	1	0	0	0	0	0	0	14
20:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
21:00	0	12	1	0	0	0	0	0	0	0	0	0	0	13
22:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Totals	1	555	268	9	102	1	2	5	1					944
% of Totals	0%	59%	28%	1%	11%	0%	0%	1%	0%					100%

AM Volumes	0	178	126	7	59	0	0	3	1	0	0	0	0	374
% AM		19%	13%	1%	6%			0%	0%					40%
AM Peak Hour		11:00	08:00	08:00	07:00			06:00	10:00					08:00
Volume		42	31	5	19			1	1					85
PM Volumes	1	377	142	2	43	1	2	2	0	0	0	0	0	570
% PM	0%	40%	15%	0%	5%	0%	0%	0%						60%
PM Peak Hour	15:00	16:00	12:00	12:00	16:00	15:00	16:00	13:00						16:00
Volume	1	65	26	1	10	1	1	1						101

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	147	↔ 16%	161	↔ 17%	173	↔ 18%	463	↔ 49%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Morrow Ln E/O Notre Dame Blvd

Day: Wednesday

Date: 5/18/2022

City: Chico

Project #: CA22_100024_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
05:00	0	2	5	0	3	1	0	0	0	0	0	0	0	11
06:00	0	14	6	0	4	0	0	0	0	0	0	0	0	24
07:00	0	21	19	1	12	0	0	0	0	0	0	0	0	53
08:00	0	31	36	4	18	0	0	1	1	0	0	0	0	91
09:00	0	31	20	1	9	0	0	0	0	0	0	0	0	61
10:00	0	36	21	0	5	0	0	0	0	0	0	0	0	62
11:00	0	44	29	1	7	0	0	0	0	0	0	0	0	81
12:00 PM	0	49	33	0	7	0	0	1	0	0	0	0	0	90
13:00	0	48	26	0	13	0	0	0	0	0	0	0	0	87
14:00	0	38	31	0	3	0	0	0	0	0	0	0	0	72
15:00	0	55	19	0	8	0	0	0	0	0	0	0	0	82
16:00	0	58	25	0	6	0	0	0	0	0	0	0	0	89
17:00	0	57	10	0	4	0	0	0	0	0	0	0	0	71
18:00	0	26	2	0	1	0	0	1	0	0	0	0	0	30
19:00	0	9	6	0	2	0	0	0	0	0	0	0	0	17
20:00	0	38	8	0	1	0	0	1	0	0	0	0	0	48
21:00	0	11	1	0	0	0	0	0	0	0	0	0	0	12
22:00	0	3	1	0	2	0	0	0	0	0	0	0	0	6
23:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
Totals		578	300	7	105	1		4	1					996
% of Totals		58%	30%	1%	11%	0%		0%	0%					100%

AM Volumes	0	183	137	7	58	1	0	1	1	0	0	0	0	388
% AM		18%	14%	1%	6%	0%		0%	0%					39%
AM Peak Hour		11:00	08:00	08:00	08:00	05:00		08:00	08:00					08:00
Volume		44	36	4	18	1		1	1					91
PM Volumes	0	395	163	0	47	0	0	3	0	0	0	0	0	608
% PM		40%	16%		5%			0%						61%
PM Peak Hour		16:00	12:00		13:00			12:00						12:00
Volume		58	33		13			1						90

Directional Peak Periods		AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes		Volume	%	Volume	%	Volume	%	Volume	%
		144	↔ 14%	177	↔ 18%	160	↔ 16%	515	↔ 52%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	B Attachment B
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Morrow Ln E/O Notre Dame Blvd

Day: Thursday
Date: 5/19/2022

City: Chico
Project #: CA22_100024_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
05:00	0	1	1	0	4	0	0	0	0	0	0	0	0	6
06:00	0	4	5	0	8	1	0	0	0	0	0	0	0	18
07:00	0	25	20	2	12	0	0	0	0	0	0	0	0	59
08:00	0	45	33	4	10	0	0	1	0	0	0	0	0	93
09:00	0	39	20	0	6	0	0	0	1	0	0	0	0	66
10:00	0	36	24	0	8	0	0	1	1	0	0	0	0	70
11:00	0	45	38	2	5	1	0	0	0	0	0	0	0	91
12:00 PM	0	50	22	0	5	0	0	0	0	1	0	0	0	78
13:00	0	46	16	1	9	0	0	0	0	0	0	0	0	72
14:00	2	56	24	1	6	0	0	2	0	0	0	0	0	91
15:00	0	61	21	0	6	0	0	0	0	0	0	0	0	88
16:00	0	43	34	0	6	0	0	0	1	0	0	0	0	84
17:00	0	58	13	0	4	0	0	0	0	0	0	0	0	75
18:00	0	23	2	0	3	0	0	0	0	0	0	0	0	28
19:00	0	12	4	0	0	0	0	0	0	0	0	0	0	16
20:00	0	17	6	0	0	0	0	0	0	0	0	0	0	23
21:00	0	14	3	0	1	0	0	1	0	0	0	0	0	19
22:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	2	582	291	10	93	2		5	3	1				989
% of Totals	0%	59%	29%	1%	9%	0%		1%	0%	0%				100%

AM Volumes	0	199	145	8	53	2	0	2	2	0	0	0	0	411
% AM		20%	15%	1%	5%	0%		0%	0%					42%
AM Peak Hour		08:00	11:00	08:00	07:00	06:00		08:00	09:00					08:00
Volume		45	38	4	12	1		1	1					93
PM Volumes	2	383	146	2	40	0	0	3	1	1	0	0	0	578
% PM	0%	39%	15%	0%	4%			0%	0%	0%				58%
PM Peak Hour	14:00	15:00	16:00	13:00	13:00			14:00	16:00	12:00				14:00
Volume	2	61	34	1	9			2	1	1				91

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	152	↔ 15%	150	↔ 15%	159	↔ 16%	528	↔ 53%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Morrow Ln E/O Notre Dame Blvd

Day: Friday
Date: 5/20/2022

City: Chico
Project #: CA22_100024_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	4	1	0	0	0	0	0	0	0	0	0	0	5
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
05:00	0	2	1	0	0	1	0	0	0	0	0	0	0	4
06:00	0	8	8	0	8	0	0	0	0	0	0	0	0	24
07:00	0	20	15	0	13	0	0	2	0	0	0	0	0	50
08:00	0	25	31	4	7	1	0	1	0	0	0	0	0	69
09:00	0	34	13	0	10	0	0	0	1	0	0	0	0	58
10:00	0	26	25	1	4	0	0	2	0	0	0	0	0	58
11:00	0	39	18	1	7	0	0	0	0	0	0	0	0	65
12:00 PM	0	60	26	1	5	1	0	1	0	0	0	0	0	94
13:00	0	43	19	0	7	0	0	2	0	0	0	0	0	71
14:00	0	56	20	0	8	0	0	2	0	0	0	0	0	86
15:00	0	49	14	0	2	0	0	0	0	0	0	0	0	65
16:00	0	64	20	0	6	0	0	1	0	0	0	0	0	91
17:00	0	41	11	0	3	0	0	0	0	0	0	0	0	55
18:00	0	18	4	0	0	0	0	0	0	0	0	0	0	22
19:00	0	13	4	0	1	0	0	0	0	0	0	0	0	18
20:00	0	8	2	0	3	0	0	1	0	0	0	0	0	14
21:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
22:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
23:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Totals		522	235	7	85	3		12	1					865
% of Totals		60%	27%	1%	10%	0%		1%	0%					100%

AM Volumes	0	161	114	6	49	2	0	5	1	0	0	0	0	338
% AM		19%	13%	1%	6%	0%		1%	0%					39%
AM Peak Hour		11:00	08:00	08:00	07:00	05:00		07:00	09:00					08:00
Volume		39	31	4	13	1		2	1					69
PM Volumes	0	361	121	1	36	1	0	7	0	0	0	0	0	527
% PM		42%	14%	0%	4%	0%		1%						61%
PM Peak Hour		16:00	12:00	12:00	14:00	12:00		13:00						12:00
Volume		64	26	1	8	1		2						94

Directional Peak Periods		AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes		Volume	%	Volume	%	Volume	%	Volume	%
		119	↔ 14%	165	↔ 19%	146	↔ 17%	435	↔ 50%

Classification Definitions					
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers	
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers		
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers		Attachment B

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Morrow Ln E/O Notre Dame Blvd

Day: Tuesday
Date: 5/17/2022

City: Chico
Project #: CA22_100024_003

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	2	1	0	0	0	0	0	0	0	0	3
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
4:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
5:00	0	0	1	6	0	1	0	0	0	0	0	0	0	8
6:00	0	1	1	12	4	2	0	0	0	0	0	0	0	20
7:00	3	5	9	15	22	5	3	0	0	0	0	0	0	62
8:00	0	4	11	31	28	7	3	1	0	0	0	0	0	85
9:00	3	3	12	16	20	8	1	1	0	0	0	0	0	64
10:00	1	5	5	26	12	5	1	0	0	0	0	0	0	55
11:00	1	4	11	28	22	7	0	1	0	0	0	0	0	74
12:00 PM	2	1	9	30	36	8	1	0	0	0	0	0	0	87
13:00	1	3	14	27	22	6	1	0	0	0	0	0	0	74
14:00	0	3	11	21	23	7	1	0	0	0	0	0	0	66
15:00	0	2	14	29	32	16	4	0	0	0	0	0	0	97
16:00	1	1	10	32	42	13	1	1	0	0	0	0	0	101
17:00	0	3	4	20	32	13	0	0	0	0	0	0	0	72
18:00	1	1	3	5	15	4	1	1	0	0	0	0	0	31
19:00	2	1	0	5	5	1	0	0	0	0	0	0	0	14
20:00	0	1	3	0	3	1	0	0	0	0	0	0	0	8
21:00	0	1	0	4	6	0	2	0	0	0	0	0	0	13
22:00	0	1	1	0	0	2	2	0	0	0	0	0	0	6
23:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Totals	15	40	121	311	325	106	21	5						944
% of Totals	2%	4%	13%	33%	34%	11%	2%	1%						100%

AM Volumes	8	22	52	137	109	35	8	3	0	0	0	0	0	374		
% AM	1%	2%	6%	15%	12%	4%	1%	0%						40%		
AM Peak Hour	7:00	7:00	9:00	8:00	8:00	9:00	7:00	8:00						8:00		
Volume	3	5	12	31	28	8	3	1						85		
PM Volumes	7	18	69	174	216	71	13	2	0	0	0	0	0	570		
% PM	1%	2%	7%	18%	23%	8%	1%	0%						60%		
PM Peak Hour	12:00	13:00	13:00	16:00	16:00	15:00	15:00	16:00						16:00		
Volume	2	3	14	32	42	16	4	1						101		
Directional Peak Periods All Speeds		AM 7-9				NOON 12-2				PM 4-6				Off Peak Volumes		
		Volume	↔		%	Volume	↔		%	Volume	↔		%	Volume	↔	
		147			16%	161			17%	173			18%	463		

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Morrow Ln	Summary	24	30	29	35	39	944

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Morrow Ln E/O Notre Dame Blvd

Day: Wednesday

Date: 5/18/2022

City: Chico

Project #: CA22_100024_003

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	2	1	0	0	0	0	0	0	0	0	3
5:00	0	1	4	2	3	0	1	0	0	0	0	0	0	11
6:00	0	3	1	14	4	2	0	0	0	0	0	0	0	24
7:00	0	5	7	20	15	4	1	1	0	0	0	0	0	53
8:00	0	3	17	31	28	11	1	0	0	0	0	0	0	91
9:00	1	1	8	20	22	9	0	0	0	0	0	0	0	61
10:00	0	3	17	17	17	7	1	0	0	0	0	0	0	62
11:00	0	4	6	30	30	10	1	0	0	0	0	0	0	81
12:00 PM	0	2	4	33	44	6	1	0	0	0	0	0	0	90
13:00	3	2	11	35	25	9	1	1	0	0	0	0	0	87
14:00	1	3	6	28	25	7	2	0	0	0	0	0	0	72
15:00	0	0	7	29	31	12	3	0	0	0	0	0	0	82
16:00	0	1	10	30	33	13	2	0	0	0	0	0	0	89
17:00	1	3	5	28	19	10	4	1	0	0	0	0	0	71
18:00	0	0	5	9	4	7	3	2	0	0	0	0	0	30
19:00	0	5	4	5	1	2	0	0	0	0	0	0	0	17
20:00	1	0	6	15	19	6	1	0	0	0	0	0	0	48
21:00	0	1	1	6	2	1	0	1	0	0	0	0	0	12
22:00	0	2	4	0	0	0	0	0	0	0	0	0	0	6
23:00	0	1	0	0	2	0	0	1	0	0	0	0	0	4
Totals	7	40	125	354	325	116	22	7						996
% of Totals	1%	4%	13%	36%	33%	12%	2%	1%						100%

AM Volumes	1	20	62	136	120	43	5	1	0	0	0	0	0	388		
% AM	0%	2%	6%	14%	12%	4%	1%	0%						39%		
AM Peak Hour	9:00	7:00	8:00	8:00	11:00	8:00	5:00	7:00						8:00		
Volume	1	5	17	31	30	11	1	1						91		
PM Volumes	6	20	63	218	205	73	17	6	0	0	0	0	0	608		
% PM	1%	2%	6%	22%	21%	7%	2%	1%						61%		
PM Peak Hour	13:00	19:00	13:00	13:00	12:00	16:00	17:00	18:00						12:00		
Volume	3	5	11	35	44	13	4	2						90		
Directional Peak Periods		AM 7-9				NOON 12-2				PM 4-6				Off Peak Volumes		
All Speeds		Volume		%		Volume		%		Volume		%		Volume	%	
		144	↔	14%		177	↔	18%		160	↔	16%		515	↔	52%

Street Name	Direction	Percentiles					
		15th	50th	Average	85th	95th	ADT
Morrow Ln	Summary	24	30	30	35	39	996

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Morrow Ln E/O Notre Dame Blvd

Day: Thursday
Date: 5/19/2022

City: Chico
Project #: CA22_100024_003

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	1	1	0	2	0	0	0	0	0	0	0	0	4
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2
4:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2
5:00	0	1	1	3	1	0	0	0	0	0	0	0	0	6
6:00	1	4	1	5	7	0	0	0	0	0	0	0	0	18
7:00	0	4	13	18	18	4	1	1	0	0	0	0	0	59
8:00	2	0	13	39	36	2	1	0	0	0	0	0	0	93
9:00	0	4	9	25	20	7	1	0	0	0	0	0	0	66
10:00	2	3	7	35	20	3	0	0	0	0	0	0	0	70
11:00	1	6	12	40	22	9	1	0	0	0	0	0	0	91
12:00 PM	2	5	8	18	35	9	1	0	0	0	0	0	0	78
13:00	4	3	14	20	23	6	1	1	0	0	0	0	0	72
14:00	1	4	14	34	31	7	0	0	0	0	0	0	0	91
15:00	1	0	12	30	36	7	2	0	0	0	0	0	0	88
16:00	1	2	11	26	30	14	0	0	0	0	0	0	0	84
17:00	0	1	7	25	18	17	7	0	0	0	0	0	0	75
18:00	0	4	5	6	8	3	0	2	0	0	0	0	0	28
19:00	0	0	0	10	5	1	0	0	0	0	0	0	0	16
20:00	0	3	4	4	10	2	0	0	0	0	0	0	0	23
21:00	0	1	2	6	9	1	0	0	0	0	0	0	0	19
22:00	1	1	1	1	0	0	0	0	0	0	0	0	0	4
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	16	47	135	348	332	92	15	4						989
% of Totals	2%	5%	14%	35%	34%	9%	2%	0%						100%

AM Volumes	6	23	57	168	127	25	4	1	0	0	0	0	0	411		
% AM	1%	2%	6%	17%	13%	3%	0%	0%						42%		
AM Peak Hour	8:00	11:00	7:00	11:00	8:00	11:00	7:00	7:00						8:00		
Volume	2	6	13	40	36	9	1	1						93		
PM Volumes	10	24	78	180	205	67	11	3	0	0	0	0	0	578		
% PM	1%	2%	8%	18%	21%	7%	1%	0%						58%		
PM Peak Hour	13:00	12:00	13:00	14:00	15:00	17:00	17:00	18:00						14:00		
Volume	4	5	14	34	36	17	7	2						91		
Directional Peak Periods		AM 7-9				NOON 12-2				PM 4-6				Off Peak Volumes		
All Speeds		Volume	↔		%	Volume	↔		%	Volume	↔		%	Volume	↔	
		152			15%	150			15%	159			16%	528		

Street Name	Direction	Percentiles					
		15th	50th	Average	85th	95th	ADT
Morrow Ln	Summary	23	29	29	34	38	989

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Morrow Ln E/O Notre Dame Blvd

Day: Friday

Date: 5/20/2022

City: Chico

Project #: CA22_100024_003

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	2	0	1	2	0	0	0	0	0	0	5
1:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2
5:00	1	0	2	0	1	0	0	0	0	0	0	0	0	4
6:00	1	4	7	10	2	0	0	0	0	0	0	0	0	24
7:00	1	5	5	24	9	5	0	1	0	0	0	0	0	50
8:00	1	2	11	30	20	4	1	0	0	0	0	0	0	69
9:00	1	3	5	22	19	7	1	0	0	0	0	0	0	58
10:00	2	3	9	20	19	4	1	0	0	0	0	0	0	58
11:00	1	2	11	24	22	4	1	0	0	0	0	0	0	65
12:00 PM	1	7	12	25	34	13	1	1	0	0	0	0	0	94
13:00	0	3	5	23	34	5	1	0	0	0	0	0	0	71
14:00	2	2	20	34	21	6	0	1	0	0	0	0	0	86
15:00	0	2	2	20	23	15	3	0	0	0	0	0	0	65
16:00	1	1	9	33	30	13	3	1	0	0	0	0	0	91
17:00	0	4	4	17	22	7	1	0	0	0	0	0	0	55
18:00	0	1	3	7	5	3	3	0	0	0	0	0	0	22
19:00	0	3	1	5	7	2	0	0	0	0	0	0	0	18
20:00	2	0	4	5	2	0	1	0	0	0	0	0	0	14
21:00	0	0	0	1	0	1	0	0	0	0	0	0	0	2
22:00	0	0	2	0	2	0	0	0	0	0	0	0	0	4
23:00	1	0	0	3	1	0	0	0	0	0	0	0	0	5
Totals	15	43	112	308	274	90	19	4						865
% of Totals	2%	5%	13%	36%	32%	10%	2%	0%						100%

AM Volumes	8	20	50	135	93	25	6	1	0	0	0	0	0	338		
% AM	1%	2%	6%	16%	11%	3%	1%	0%						39%		
AM Peak Hour	10:00	7:00	8:00	8:00	11:00	9:00		7:00						8:00		
Volume	2	5	11	30	22	7	2	1						69		
PM Volumes	7	23	62	173	181	65	13	3	0	0	0	0	0	527		
% PM	1%	3%	7%	20%	21%	8%	2%	0%						61%		
PM Peak Hour	14:00	12:00	14:00	14:00	12:00	15:00	15:00	12:00						12:00		
Volume	2	7	20	34	34	15	3	1						94		
Directional Peak Periods		AM 7-9				NOON 12-2				PM 4-6				Off Peak Volumes		
All Speeds		Volume	↔		%	Volume	↔		%	Volume	↔		%	Volume	↔	
		119			14%	165			19%	146			17%	435		

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Morrow Ln	Summary	23	29	29	35	39	865

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

CLASSIFICATION

Morrow Ln W/O Notre Dame Blvd

Day: Tuesday
Date: 5/17/2022

City: Chico
Project #: CA22_100024_004

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2
6:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
7:00	0	10	5	0	2	1	0	1	0	0	0	0	0	19
8:00	0	12	1	0	0	0	0	0	0	0	0	0	0	13
9:00	0	10	3	1	2	0	0	0	0	0	0	0	0	16
10:00	0	5	4	0	3	1	0	1	0	0	0	0	0	14
11:00	0	10	3	0	3	0	0	0	0	0	0	0	0	16
12:00 PM	0	8	3	0	1	0	0	0	0	0	0	0	0	12
13:00	0	4	3	0	2	0	0	0	0	0	0	0	0	9
14:00	0	12	8	0	1	1	0	1	0	0	0	0	0	23
15:00	0	10	5	0	4	0	0	0	0	0	0	0	0	19
16:00	0	7	2	0	1	1	0	0	0	0	0	0	0	11
17:00	0	4	0	0	1	0	0	0	0	0	0	0	0	5
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		94	40	1	21	4		3						163
% of Totals		58%	25%	1%	13%	2%		2%						100%

AM Volumes	0	49	18	1	11	2	0	2	0	0	0	0	0	83
% AM		30%	11%	1%	7%	1%		1%						51%
AM Peak Hour		8:00	7:00	9:00	10:00	7:00		7:00						7:00
Volume		12	5	1	3	1		1						19
PM Volumes	0	45	22	0	10	2	0	1	0	0	0	0	0	80
% PM		28%	13%		6%	1%		1%						49%
PM Peak Hour		14:00	14:00		15:00	14:00		14:00						14:00
Volume		12	8		4	1		1						23

Directional Peak Periods		AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes		Volume	%	Volume	%	Volume	%	Volume	%
		32	↔ 20%	21	↔ 13%	16	↔ 10%	94	↔ 58%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

CLASSIFICATION

Morrow Ln W/O Notre Dame Blvd

Day: Wednesday

Date: 5/18/2022

City: Chico

Project #: CA22_100024_004

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	1	0	0	0	0	0	0	0	1
6:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
7:00	0	4	2	0	4	0	0	0	0	0	0	0	0	10
8:00	0	8	5	1	2	1	0	0	0	0	0	0	0	17
9:00	0	4	2	0	4	0	0	1	0	0	0	0	0	11
10:00	0	10	5	0	0	1	0	0	0	0	0	0	0	16
11:00	0	4	9	0	4	0	0	0	0	0	0	0	0	17
12:00 PM	0	7	6	0	0	0	0	0	0	0	0	0	0	13
13:00	0	9	5	0	1	0	0	0	0	0	0	0	0	15
14:00	0	12	7	1	5	0	0	0	0	0	0	0	0	25
15:00	0	10	1	0	1	0	0	0	0	0	0	0	0	12
16:00	0	5	6	0	1	0	0	0	0	0	0	0	0	12
17:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
20:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		80	49	2	23	3		1						158
% of Totals		51%	31%	1%	15%	2%		1%						100%

AM Volumes	0	33	23	1	14	3	0	1	0	0	0	0	0	75
% AM		21%	15%	1%	9%	2%		1%						47%
AM Peak Hour		10:00	11:00	8:00	7:00	5:00		9:00						8:00
Volume		10	9	1	4	1		1						17
PM Volumes	0	47	26	1	9	0	0	0	0	0	0	0	0	83
% PM		30%	16%	1%	6%									53%
PM Peak Hour		14:00	14:00	14:00	14:00									14:00
Volume		12	7	1	5									25

Directional Peak Periods		AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes		Volume	%	Volume	%	Volume	%	Volume	%
		27	↔ 17%	28	↔ 18%	16	↔ 10%	87	↔ 55%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

CLASSIFICATION

Morrow Ln W/O Notre Dame Blvd

Day: Thursday
Date: 5/19/2022

City: Chico
Project #: CA22_100024_004

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	1	3	0	1	1	0	0	0	0	0	0	0	6
7:00	0	2	0	1	3	0	0	0	0	0	0	0	0	6
8:00	0	9	5	2	2	0	0	0	0	0	0	0	0	18
9:00	0	10	7	0	2	1	0	0	0	0	0	0	0	20
10:00	0	12	3	0	1	1	0	0	0	0	0	0	0	17
11:00	0	9	6	0	3	0	0	0	0	0	0	0	0	18
12:00 PM	0	14	4	1	1	1	0	0	0	0	0	0	0	21
13:00	0	7	3	0	1	0	0	0	0	0	0	0	0	11
14:00	0	11	3	1	3	0	0	1	0	0	0	0	0	19
15:00	0	8	3	0	3	0	0	1	0	0	0	0	0	15
16:00	0	10	3	0	0	0	1	0	1	0	0	0	0	15
17:00	0	2	1	0	0	0	0	1	0	0	0	0	0	4
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		95	42	5	20	4	1	3	1					171
% of Totals		56%	25%	3%	12%	2%	1%	2%	1%					100%

AM Volumes	0	43	24	3	12	3	0	0	0	0	0	0	0	85
% AM		25%	14%	2%	7%	2%								50%
AM Peak Hour		10:00	9:00	8:00	7:00	6:00								9:00
Volume		12	7	2	3	1								20
PM Volumes	0	52	18	2	8	1	1	3	1	0	0	0	0	86
% PM		30%	11%	1%	5%	1%	1%	2%	1%					50%
PM Peak Hour		12:00	12:00	12:00	14:00	12:00	16:00	14:00	16:00					12:00
Volume		14	4	1	3	1	1	1	1					21

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	24	↔ 14%	32	↔ 19%	19	↔ 11%	96	↔ 56%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

CLASSIFICATION

Morrow Ln W/O Notre Dame Blvd

Day: Friday
Date: 5/20/2022

City: Chico
Project #: CA22_100024_004

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
5:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
6:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
7:00	0	5	2	1	3	0	0	0	0	0	0	0	0	11
8:00	0	5	3	0	0	0	0	1	0	0	0	0	0	9
9:00	0	7	3	0	1	0	0	0	0	0	0	0	0	11
10:00	0	4	2	0	3	1	0	0	0	0	0	0	0	10
11:00	0	7	6	1	3	0	0	0	0	0	0	0	0	17
12:00 PM	0	8	5	0	0	0	0	0	0	0	0	0	0	13
13:00	0	5	3	0	4	0	0	0	0	0	0	0	0	12
14:00	0	10	3	0	1	0	0	0	0	0	0	0	0	14
15:00	0	8	5	0	0	1	0	1	0	0	0	0	0	15
16:00	0	6	2	0	1	0	0	0	0	0	0	0	0	9
17:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		70	38	2	17	2		2						131
% of Totals		53%	29%	2%	13%	2%		2%						100%

AM Volumes	0	30	19	2	10	1	0	1	0	0	0	0	0	63
% AM		23%	15%	2%	8%	1%		1%						48%
AM Peak Hour		9:00	11:00	7:00	7:00	10:00		8:00						11:00
Volume		7	6	1	3	1		1						17
PM Volumes	0	40	19	0	7	1	0	1	0	0	0	0	0	68
% PM		31%	15%		5%	1%		1%						52%
PM Peak Hour		14:00	12:00		13:00	15:00		15:00						15:00
Volume		10	5		4	1		1						15

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	20	↔ 15%	25	↔ 19%	11	↔ 8%	75	↔ 57%

Classification Definitions				
1 Motorcycles	4 Buses	7 >=4-Axle Single Units	10 >=6-Axle Single Trailers	13 >=7-Axle Multi-Trailers
2 Passenger Cars	5 2-Axle, 6-Tire Single Units	8 <=4-Axle Single Trailers	11 <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	6 3-Axle Single Units	9 5-Axle Single Trailers	12 6-Axle Multi-Trailers	Attachment B

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

Prepared by National Data & Surveying Services

SPEED

Morrow Ln W/O Notre Dame Blvd

Day: Tuesday

Date: 5/17/2022

City: Chico

Project #: CA22_100024_004

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
6:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
7:00	18	1	0	0	0	0	0	0	0	0	0	0	0	19
8:00	13	0	0	0	0	0	0	0	0	0	0	0	0	13
9:00	14	2	0	0	0	0	0	0	0	0	0	0	0	16
10:00	12	2	0	0	0	0	0	0	0	0	0	0	0	14
11:00	15	1	0	0	0	0	0	0	0	0	0	0	0	16
12:00 PM	11	1	0	0	0	0	0	0	0	0	0	0	0	12
13:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
14:00	19	3	1	0	0	0	0	0	0	0	0	0	0	23
15:00	16	3	0	0	0	0	0	0	0	0	0	0	0	19
16:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
17:00	4	1	0	0	0	0	0	0	0	0	0	0	0	5
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	148	14	1											163
% of Totals	91%	9%	1%											100%

AM Volumes	77	6	0	0	0	0	0	0	0	0	0	0	0	83
% AM	47%	4%												51%
AM Peak Hour	7:00	9:00												7:00
Volume	18	2												19
PM Volumes	71	8	1	0	0	0	0	0	0	0	0	0	0	80
% PM	44%	5%	1%											49%
PM Peak Hour	14:00	14:00	14:00											14:00
Volume	19	3	1											23
Directional Peak Periods All Speeds			AM 7-9				NOON 12-2				PM 4-6		Off Peak Volumes	
			Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
			32		20%	21		13%	16		10%	94		58%

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Morrow Ln	Summary	7	11	11	14	17	163

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Morrow Ln W/O Notre Dame Blvd

Day: Wednesday

Date: 5/18/2022

City: Chico

Project #: CA22_100024_004

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
7:00	8	1	1	0	0	0	0	0	0	0	0	0	0	10
8:00	17	0	0	0	0	0	0	0	0	0	0	0	0	17
9:00	8	3	0	0	0	0	0	0	0	0	0	0	0	11
10:00	16	0	0	0	0	0	0	0	0	0	0	0	0	16
11:00	15	2	0	0	0	0	0	0	0	0	0	0	0	17
12:00 PM	12	1	0	0	0	0	0	0	0	0	0	0	0	13
13:00	14	1	0	0	0	0	0	0	0	0	0	0	0	15
14:00	21	4	0	0	0	0	0	0	0	0	0	0	0	25
15:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
16:00	11	1	0	0	0	0	0	0	0	0	0	0	0	12
17:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
20:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	144	13	1											158
% of Totals	91%	8%	1%											100%

AM Volumes	68	6	1	0	0	0	0	0	0	0	0	0	0	75
% AM	43%	4%	1%											47%
AM Peak Hour	8:00	9:00	7:00											8:00
Volume	17	3	1											17
PM Volumes	76	7	0	0	0	0	0	0	0	0	0	0	0	83
% PM	48%	4%												53%
PM Peak Hour	14:00	14:00												14:00
Volume	21	4												25
Directional Peak Periods All Speeds	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes							
	Volume		%	Volume		%	Volume		%	Volume		%		
	27	↔	17%	28	↔	18%	16	↔	10%	87	↔	55%		

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th B	
Morrow Ln	Summary	7	10	11	14	17	158

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

Prepared by National Data & Surveying Services

SPEED

Morrow Ln W/O Notre Dame Blvd

Day: Thursday
Date: 5/19/2022

City: Chico
Project #: CA22_100024_004

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	5	1	0	0	0	0	0	0	0	0	0	0	0	6
7:00	5	1	0	0	0	0	0	0	0	0	0	0	0	6
8:00	16	2	0	0	0	0	0	0	0	0	0	0	0	18
9:00	19	1	0	0	0	0	0	0	0	0	0	0	0	20
10:00	16	1	0	0	0	0	0	0	0	0	0	0	0	17
11:00	15	3	0	0	0	0	0	0	0	0	0	0	0	18
12:00 PM	19	2	0	0	0	0	0	0	0	0	0	0	0	21
13:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
14:00	16	3	0	0	0	0	0	0	0	0	0	0	0	19
15:00	13	2	0	0	0	0	0	0	0	0	0	0	0	15
16:00	13	2	0	0	0	0	0	0	0	0	0	0	0	15
17:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	153	18												171
% of Totals	89%	11%												100%

AM Volumes	76	9	0	0	0	0	0	0	0	0	0	0	0	85	
% AM	44%	5%												50%	
AM Peak Hour	9:00	11:00												9:00	
Volume	19	3												20	
PM Volumes	77	9	0	0	0	0	0	0	0	0	0	0	0	86	
% PM	45%	5%												50%	
PM Peak Hour	12:00	14:00												12:00	
Volume	19	3												21	
Directional Peak Periods			AM 7-9				NOON 12-2				PM 4-6		Off Peak Volumes		
All Speeds	Volume					Volume				Volume			Volume		
	24	↔	14%			32	↔	19%		19	↔	11%	96	↔	56%

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Morrow Ln	Summary	7	11	11	15	18	171

Attachment A: Volume Data - Notre Dame Blvd / Morrow Ln

SPEED

Morrow Ln W/O Notre Dame Blvd

Day: Friday
Date: 5/20/2022

City: Chico
Project #: CA22_100024_004

Summary

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
0:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
5:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
7:00	10	1	0	0	0	0	0	0	0	0	0	0	0	11
8:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
9:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
10:00	9	1	0	0	0	0	0	0	0	0	0	0	0	10
11:00	16	1	0	0	0	0	0	0	0	0	0	0	0	17
12:00 PM	12	1	0	0	0	0	0	0	0	0	0	0	0	13
13:00	11	1	0	0	0	0	0	0	0	0	0	0	0	12
14:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
15:00	15	0	0	0	0	0	0	0	0	0	0	0	0	15
16:00	8	1	0	0	0	0	0	0	0	0	0	0	0	9
17:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	123	8												131
% of Totals	94%	6%												100%

AM Volumes	59	4	0	0	0	0	0	0	0	0	0	0	0	63
% AM	45%	3%												48%
AM Peak Hour	11:00	4:00												11:00
Volume	16	1												17
PM Volumes	64	4	0	0	0	0	0	0	0	0	0	0	0	68
% PM	49%	3%												52%
PM Peak Hour	15:00	12:00												15:00
Volume	15	1												15
Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes							
All Speeds	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%		
	20		15%	25		19%	11		8%	75		57%		

Street Name	Direction	Percentiles					ADT
		15th	50th	Average	85th	95th	
Morrow Ln	Summary	7	10	10	14	16	131

Attachment B: Turning Movement Data - Notre Dame Blvd / Morrow Ln

Date Collected: 5/5/2022

AM Peak Hour
8:00 - 9:00



Vehicle Volumes

	Notre Dame Northbound			Notre Dame Southbound			Morrow Eastbound			Morrow Westbound			TOTAL	PH Count	
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right			
7:00 AM	15	0	4	0	8	4	5	3	1	0	0	0	11	36	
	30	0	7	0	21	12	10	2	0	0	2	0	8	62	
	45	0	10	0	31	12	6	8	1	0	3	1	19	91	
	60	0	8	0	34	20	10	6	2	0	0	4	16	100	289
	75	0	5	1	16	21	4	6	2	0	3	1	14	73	326
	90	0	18	2	11	48	4	3	2	0	4	2	14	108	372
	105	1	29	2	10	62	6	4	1	0	4	1	14	134	415
9:00 AM	120	0	53	4	16	92	8	5	4	0	5	2	12	201	516
Peak Hour Count	1	105	9	53	223	22	18	9	0	16	6	54	516		

PHF 0.64

Truck Volumes

	Notre Dame Northbound			Notre Dame Southbound			Morrow Eastbound			Morrow Westbound			TOTAL
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
15	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	1	1
45	0	0	0	1	2	0	0	0	0	0	0	0	3
60	0	0	0	1	0	0	1	0	0	1	0	4	7
75	0	0	0	1	0	0	0	0	0	0	0	5	6
90	0	0	0	1	0	0	0	0	0	0	0	3	4
105	0	0	0	1	1	0	0	0	0	0	0	1	3
120	0	0	1	1	0	0	0	0	0	0	0	0	2
Peak Hour Count	0	0	1	4	1	0	0	0	0	0	0	9	15

T% 3%

Pedestrian Counts

	Notre Dame North Leg		Notre Dame South Leg		Morrow East Leg		Morrow West Leg		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
15	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	2	0	0	2
105	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0
Peak Hour Count	0	0	0	0	0	2	0	0	2

Bicycle Counts

	Notre Dame Northbound			Notre Dame Southbound			Morrow Eastbound			Morrow Westbound			TOTAL
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
15	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Count	0	0	0	0	0	0	0	0	0	0	0	0	0

Attachment B: Turning Movement Data - Notre Dame Blvd / Morrow Ln

Date Collected: 5/4/2022

PM Peak Hour
4:00 - 5:00



Vehicle Volumes

	Notre Dame Northbound			Notre Dame Southbound			Morrow Eastbound			Morrow Westbound			TOTAL	PH Count
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		
4:00 PM 15	0	20	1	14	17	3	4	0	0	1	0	20	80	
30	0	18	3	10	11	1	2	0	0	2	0	30	77	
45	0	16	3	5	3	1	4	0	0	2	0	33	67	
60	0	18	4	9	22	0	1	0	0	0	0	18	72	296
75	0	18	3	10	9	0	2	1	0	1	0	29	73	289
90	0	22	2	7	16	0	1	0	0	1	0	25	74	286
105	0	9	3	4	12	1	1	0	0	2	0	11	43	262
6:00 PM 120	0	6	1	17	15	0	0	0	0	1	0	7	47	237
Peak Hour Count	0	72	11	38	53	5	11	0	0	5	0	101	296	

PHF 0.93

Truck Volumes

	Notre Dame Northbound			Notre Dame Southbound			Morrow Eastbound			Morrow Westbound			TOTAL
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
15	0	0	1	2	1	0	0	0	0	0	0	0	4
30	0	0	0	2	0	0	0	0	0	0	0	2	4
45	0	0	0	0	0	0	0	0	0	0	0	1	1
60	0	0	0	1	0	0	0	0	0	0	0	0	1
75	0	0	0	0	1	0	0	0	0	0	0	0	1
90	0	0	0	1	0	0	0	0	0	0	0	0	1
105	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Count	0	0	1	5	1	0	0	0	0	0	0	3	10

T% 3%

Pedestrian Counts

	Notre Dame North Leg		Notre Dame South Leg		Morrow East Leg		Morrow West Leg		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
15	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0
Peak Hour Count	0	0	0	0	0	0	0	0	0

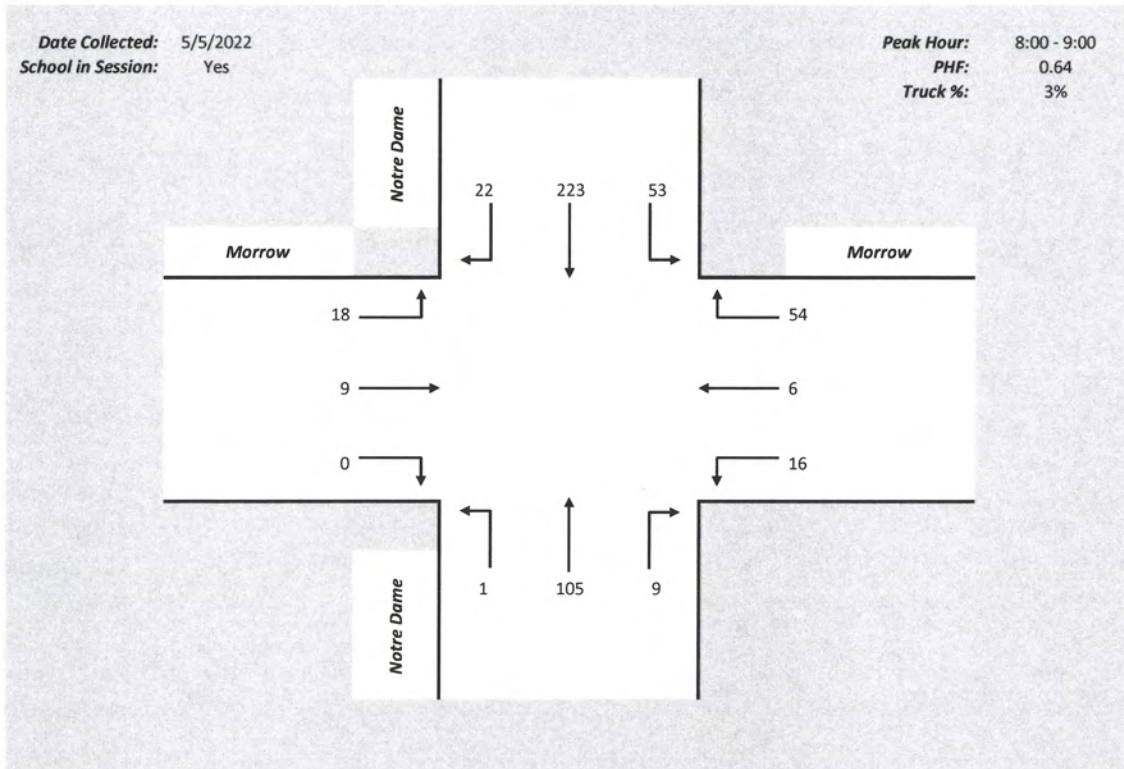
Bicycle Counts

	Notre Dame Northbound			Notre Dame Southbound			Morrow Eastbound			Morrow Westbound			TOTAL
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
15	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	1	1
60	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	1	1
120	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Count	0	0	0	0	0	0	0	0	0	0	0	1	1

Attachment B: Turning Movement Data - Notre Dame Blvd / Morrow Ln



AM PEAK HOUR TURNING MOVEMENT VOLUME



PM PEAK HOUR TURNING MOVEMENT VOLUME

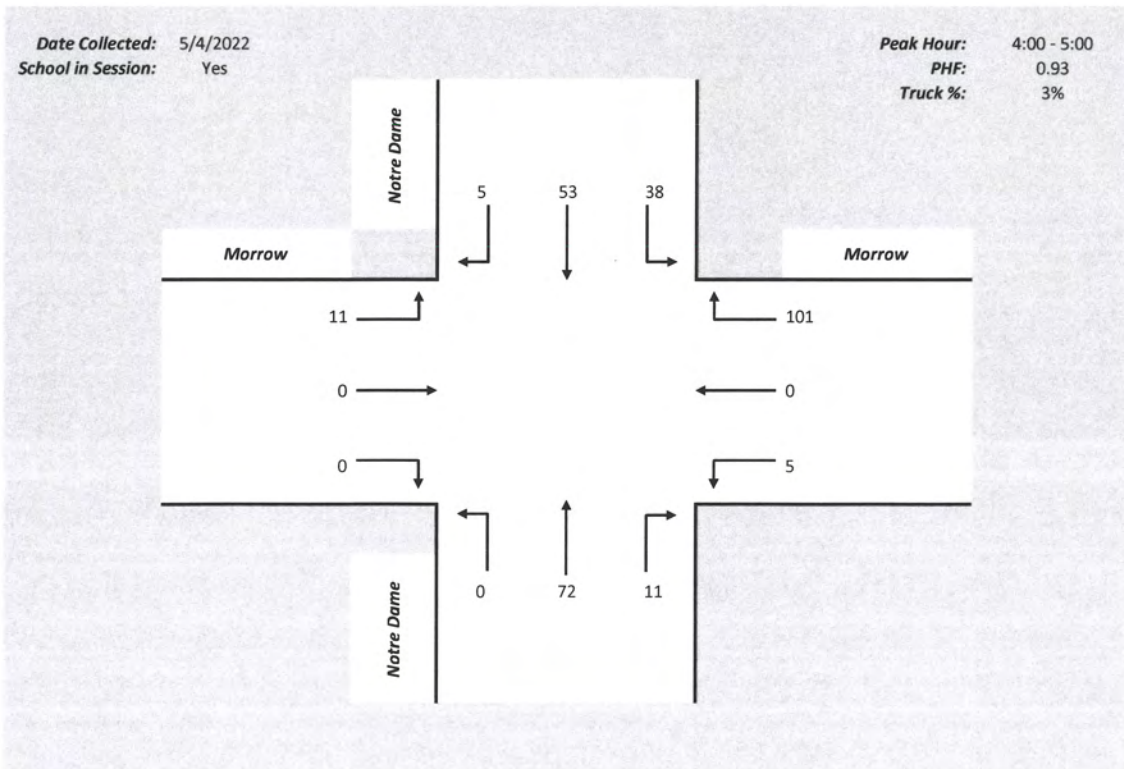


Table 9-7. Design Intersection Sight Distance—Case B1, Left Turn from Stop

U.S. Customary				Metric			
Design Speed (mph)	Stopping Sight Distance (ft)	Intersection Sight Distance for Passenger Cars		Design Speed (km/h)	Stopping Sight Distance (m)	Intersection Sight Distance for Passenger Cars	
		Calculated (ft)	Design (ft)			Calculated (m)	Design (m)
15	80	165.4	170	20	20	41.7	45
20	115	220.5	225	30	35	62.6	65
25	155	275.6	280	40	50	83.4	85
30	200	330.8	335	50	65	104.3	105
35	250	385.9	390	60	85	125.1	130
40	305	441.0	445	70	105	146.0	150
45	360	496.1	500	80	130	166.8	170
50	425	551.3	555	90	160	187.7	190
55	495	606.4	610	100	185	208.5	210
60	570	661.5	665	110	220	229.4	230
65	645	716.6	720	120	250	250.2	255
70	730	771.8	775	130	285	271.1	275
75	820	826.9	830				
80	910	882.0	885				

Note: Intersection sight distance shown is for a stopped passenger car to turn left onto a two-lane highway with no median and grades 3 percent or less. For other conditions, the time gap should be adjusted and the sight distance recalculated.

Sight distance design for left turns at intersections on divided roads or streets should consider multiple design vehicles and median width. If the design vehicle used to determine sight distance for an intersection on a divided road or street is larger than a passenger car, then sight distance for left turns should be checked for that selected design vehicle and for a passenger car as well. If the median on a divided road or street is wide enough to store the design vehicle with a clearance to the through lanes of approximately 3 ft [1 m] at both ends of the vehicle, no separate analysis for the departure sight triangle for left turns is needed on the minor-road approach for the near roadway to the left. In most cases, the departure sight triangle for right turns (Case B2) will provide sufficient sight distance for a passenger car to cross the near roadway to reach the median. Possible exceptions are addressed in the discussion of Case B3.

If the design vehicle can be stored in the median with adequate clearance to the through lanes, a departure sight triangle to the right for left turns should be provided for that design vehicle turning left from the median roadway. Where the median is not wide enough to store the design vehicle, a departure sight triangle should be provided for that design vehicle to turn left from the minor-road approach.

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