

Highway Safety Improvement Program (HSIP)

Cycle 9 Project Application

Lead Pedestrian Interval Systemic Safety



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LAPG 9-A (REV 11/2017)

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APPLICATION SUMMARY

This summary page is filled out automatically once the application is completed.

After the application is finalized, please save this PDF form using the exact "Application ID" (shown below) as the file name.

Application ID 11-San Diego-1

Important: Review and follow the [Application Form Instructions](#) step-by-step as you complete the application. Completing an application without referencing the instructions will likely result in an incomplete application or an application with fatal flaws that will be disqualified from the ranking and selection process.

Submitted By (Agency)

San Diego

Application Category

Common BCR Application

Caltrans District

11

Application Number

1

Out of

3

Project Location

66 intersections through out the City of San Diego.

Project Description

Install activated blank out signs with leading pedestrian intervals, pedestrian countdown timers, and high visibility crosswalks.

Total Project Cost

\$1,206,100

HSIP Funds Requested

\$1,206,100

Countermeasure No. 1

S2: Improve signal hardware: lenses, back-plates, mounting, size, and number

Countermeasure No. 2

S19: Install pedestrian countdown signal heads

Countermeasure No. 3

S20: Install pedestrian crossing (S.I.)

Project Benefit

32,042,135

Benefit Cost Ratio (BCR)

26.57

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I. Basic Project Information

Date: Aug 16, 2018

Caltrans District: 11

MPO: SANDAG

Agency: San Diego

County: San Diego County

Total number of applications being submitted by your agency: 3

Application Number (each application must have a unique number): 1

Contact Person Information

Name (Last, First): Fuentes, Julio

Position/Title of Contact Person: Senior Engineer

Email: JFuentes@sandiego.gov

Telephone: (619) 533-3092

Extension:

Address: 8050 Othello Avenue

City: San Diego

Zip Code: CA 92111

(Enter only a 5-digit number)

Application Category: Common BCR Application**Project Information**

Project Location:

-Be Brief (Limited to 250 Characters)

-See [Application Form Instructions](#)

66 intersections through out the City of San Diego.

Project Description:

-Be Brief (Limited to 250 Characters)

-See [Application Form Instructions](#)

Install activated blank out signs with leading pedestrian intervals, pedestrian countdown timers, and high visibility crosswalks.

Functional Classification: Major Collector

(For Functional Classification and CRS Maps,
Visit: http://www.dot.ca.gov/hq/tsip/hseb/crs_maps/)

CRS Map ID (e.g. 08E14): 15X53, 15X54, 15X55, 15Y13, 15Y14, 15Y23, 15Y24, 15Y25, 15Y33, 15Y34

Urban/Rural Area: Urban

High-Risk-Rural-Roads (HR3) Eligibility: No

If this project is not entirely HR3 eligible, what is the approximate total cost percentage that is HR3 eligible? %

Work on the State Highway System

Does the project include improvements on the State Highway System? No

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Warrant Studies

- ☐ Check if the project includes new installation of certain traffic control devices (e.g., traffic signals, pedestrian signals, etc.). If yes, Traffic Signal Warrant 4, 5 and/or 7 must be met (CA MUTCD Chapter 4C). Please provide the warrants as Attachment #8 in Section V.

Additional Information

1. Is the project focused primarily on "spot location(s)" or "systemic" improvements? Systemic

The primary type of the "systemic" improvements: Pedestrian Countdown Heads/Crossing Upgrades

2. Which of the California's Strategic Highway Safety Plan (SHSP) Challenge Areas does the project address primarily?
(For more information on the SHSP and its Challenge Areas, see: <http://www.dot.ca.gov/SHSP/>)

9: Pedestrians

3. How were the safety needs and potential countermeasures for this project first identified?

Jurisdiction-wide safety analysis

4. California established [Systemic Safety Analysis Report Program](#) (SSARP) in 2016. Was this project identified through the SSARP program?

Yes

5. What is the primary mode of travel intended to be benefited by this project? Pedestrians

6. Approximate percentage of project cost going to improvements related to motorized travel: 0 %

7. Approximate percentage of project cost going to improvements related to non-motorized travel: 100 %

8. Provide the number of intersections and the length of roadways included in the project (enter 0 if not applicable):

Number of Intersections: 66

Miles of Roadway: 0

9. Posted Speed Limit (mph): 45

10. Annual Average Daily Traffic (See [Application Form Instructions](#))

AADT (Major Road)

25,000

AADT (Minor Road)

15,000

Year Collected/Estimated

2017

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II. Narrative Questions (See [Application Form Instructions](#))

These narrative questions are intended to provide additional project details for the application reviewers and project files. The reviewers will use the information in their "fatal flaw" assessment of the applications. Please make sure that:

- 1) The project scope is eligible for HSIP funding;
- 2) The countermeasures used in the Benefit Cost Ratio (BCR) calculation are appropriately applied based on the scope of the project;
- 3) The crash data used in the BCR calculation is appropriately applied based on the scope of the project and countermeasures used; and
- 4) The application data and attachments are reasonable and meet generally accepted traffic engineering and transportation safety principles.

If significant inconsistencies or errors are found in the application information, the reviewers may conclude that the application includes "fatal flaws" and the application will be dropped from further funding considerations. The applicant will not be notified of findings until after the selection process is complete.

1. Overall Identification of Need

Describe how the agency identified the project as one of its top safety priorities. Was a data-driven safety evaluation of their entire roadway network completed? Do the proposed project locations represent some of the agency's highest crash concentrations?

(Limited to 5,000 characters)

A data-driven, systemic analysis of the City's entire roadway network was completed as recommended by the City of San Diego's Pedestrian Safety Audit. The Audit recommended developing a robust methodology to identify high crash locations through a grant-funded study.

The City was awarded the Caltrans' Systemic Safety Analysis Report Program (SSARP) grant. City staff and its consultant evaluated the crash data on all city streets and intersections and found that pedestrians have the highest percentage of fatal and severe injuries. 12% of pedestrian collisions resulted in severe or fatal injuries, while the percentage for bikes and vehicles were 6% and 3%, respectively. There are 66 intersections in this project. 34 were found utilizing a systemic matrix structure with rows consisting of pedestrian movement, location, and primary collision factors, while the columns consisted of roadway characteristics. These intersections were identified as having permissive left turn phasing with similar roadway characteristics in conflict with a pedestrian in a marked crosswalk. A new LPI operation will be implemented at these intersections along with blank out signs, countdown timers, and high visibility crosswalks.

There are currently 32 additional locations where the LPI operation has been already implemented. However, the "blank out" sign corrective measure is not yet in place. The safety solution for this problem follows a systemic corrective approach. This proposal will make the "blank out" sign improvement at all LPI locations uniform throughout the City, thus maximizing its systemic effectiveness.

2. Potential for Proposed Improvements to Address the Safety Issues

Describe the primary causes of the collisions that have occurred within the project limits. Are there patterns in the crash types? Clearly demonstrate the connection between the problem and the proposed countermeasures utilized in the BCR calculations. Depending on the nature of the project, explain why the agency chooses to pursue "Spot location(s)" or "Systemic" improvements.

(Limited to 5,000 characters)

Note: Safety improvements that do not have countermeasures and crash reduction factors identified in the HSIP Analyzer can be included in the project scope and cost estimate as "Other Safety-Related" improvement; they just won't be added to the project's BCR shown in the application.

The primary cause of these crashes is a left turning vehicle failing to yield to a pedestrian crossing a permissive left turn. This occurs at signalized intersections where at least one of the roadways has more than two travel lanes and the volume on the primary roadway is between 7,000 and 25,000 average daily traffic. The results from the systemic analysis shows that vehicles making permissive left turn movements under the conditions described above have a higher likelihood to come into conflict with pedestrians.

Implementation of leading pedestrian intervals during the walk phase allows oncoming pedestrians time to get further across and be seen better by drivers attempting to make a permissive left turn. With the inclusion of an activated blank out sign allows the LPI to be implemented without further degrading the level of service at the intersections. In addition, the sign restricts the driver's movements while the pedestrian enters the intersection, thus effectively preventing the right turn vehicle versus pedestrian conflict. Countdown timers tell pedestrians how much time there is left to cross an intersection, which allows pedestrians to make a safer, more informed decision to cross or wait. High Visibility crosswalks provide important additional detection time to drivers alerting them to the likelihood of crossing pedestrians.

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The extent of the proposed project includes 66 intersections in the City of San Diego. The City chose to pursue "Systemic" low-cost safety improvements at high risk locations across the city in order to reduce the likelihood of crashes that are hard to predict. This systemic strategy is expected to have a greater impact on the total number of crashes in our City when compared with the same level of capital investment in spot improvements.

3. Crash Data Evaluation

What is the source of the crash data? For each countermeasure, describe how the influence areas and the limits of the crash data were established to ensure only appropriate crashes were included in the Collision Diagrams, Collision Lists and used in the BCR calculation. (Limited to 5,000 characters)

Note: If the project includes multiple locations and multiple countermeasures, group the locations so that within each group, the same countermeasures apply to all locations and their crash data. Describe the location groups. These location groups must be consistent with the grouping in using the HSIP Analyzer.

Crash data was obtained from traffic collision reports from the San Diego Police Department. Crash reports are entered daily into the Crossroads/LexisNexis database so that it can be queried and analyzed by engineering staff. The data for this application includes the most recent complete four (4) calendar years available (January 1, 2014 to December 31, 2017). The crashes used in the BCR calculation are directly related to the countermeasures proposed. For example, a northbound vehicle making a left turn versus a northbound/southbound pedestrian crossing on the west side only.

Group 1: Countermeasures S2, S19, S20

28 of the locations will receive activated blank out signs for LPIs, pedestrian countdown timers, and high visibility crosswalks.

Group 2: Countermeasures S2, S19

7 of the locations will receive activated blank out signs for LPIs and pedestrian countdown timers

Group 3: Countermeasures S2, S20

13 of the locations will receive activated blank out signs for LPIs and high visibility crosswalks

Group 4: Countermeasure S2

11 of the locations will receive activated blank out signs for LPIs

Group 5: Countermeasures S19, S20

4 of the locations will receive pedestrian countdown timers and high visibility crosswalks

Group 6: Countermeasure S20

3 of the locations will receive high visibility crosswalks

4. Prior Attempts to Address the Safety Issue

List all other projects/countermeasures that have been (or are being) deployed at this location. Applicants must identify all federal funds that have been used or approved within or directly adjacent to the proposed project limits within the last 5 years. (HSIP funding cannot be used to construct the same general type of countermeasures within the same limits within 5 years to ensure agencies do not apply the same Crash Reduction Factors to the same crashes)

For projects proposing high cost improvements/countermeasures such as shoulder widening and horizontal/vertical realignments, applicants must document that they have installed and monitored low-cost improvements which have not adequately addressed the safety issue ("**incremental approach**"). (Limited to 5,000 characters)

Currently, there are various pedestrian safety measures implemented at some of the 66 intersections in this project. There are high visibility crosswalks at 18 intersections (all legs) and 15 intersections (3 legs or less). There are 38 intersections with older transverse/ladder crosswalks or no marked crosswalks. There are pedestrian countdown signal heads at 28 out of the 66 intersections. There are leading pedestrian intervals at 32 intersections.

None of the intersections have been part of or directly adjacent to a transportation project involving federal funds in the last 5 years.

All of the proposed countermeasures are low-cost and are improvements that we will periodically monitor to determine whether additional countermeasures may be needed.

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5. Other Comments

Explain here if this project requests any exceptions to the rules (such as "PE no more than 25%", "ROW no more than 10%" and "CE no more than 15%" rules), or if you have any other comments. (Limited to 5,000 characters)

Countermeasure S19 (Pedestrian Countdown Signal Heads) is less than 15% of the construction cost. An exception is being requested to the 15% rule because Pedestrian Countdown Signal Heads are relatively low cost, and when applied systemically, provide a significant safety benefit to pedestrians at signalized intersections.

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III. Project Cost, Safety Countermeasures and Benefit Cost Ratio (BCR)

Please transfer the below from the HSIP Analyzer. Please make sure you have reviewed the HSIP Analyzer instructions and completed the HSIP Analyzer correctly.

For some funding set-asides, only the project cost information is required. Please review the [Application Form Instructions](#) for details.

Total Project Cost
\$1,206,100
HSIP Funds Requested
\$1,206,100
Project's Maximum Federal Reimbursement Ratio (e.g. enter 90 for 90%)
100%

Countermeasures

Number of Countermeasures Utilized (Max 3):

Countermeasure No. 1	S2: Improve signal hardware: lenses, back-plates, mounting, size, and number
Countermeasure No. 2	S19: Install pedestrian countdown signal heads
Countermeasure No. 3	S20: Install pedestrian crossing (S.I.)

Project Benefit	Benefit Cost Ratio (BCR)
\$32,042,135	26.57

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IV. Implementation Schedule (See [Application Form Instructions](#))

The local agency is expected to deliver the project per Caltrans Local Assistance [Safety Program Delivery requirements](#). In order for the milestones to be calculated correctly, all fields need to be filled in. For steps that are not applicable, enter "0".

Target Date for the Project's Amendment into the FTIP:

01/01/2019

Time for agency to internally staff project and request PE authorization:

2

Month(s)

Typical time for Caltrans and FHWA to process and approve PE authorization:

2

Month(s)

Proposed PE Authorization Date:

05/01/2019

(PE Authorization Delivery Milestone)

Will external consultants be required to complete the PE phase of this project?

No

Time to prepare environmental studies request:

0

Month(s)

Time to complete CEQA/NEPA studies/approvals:

0

Month(s)

See PES Form in the LAPM for Typical studies and permits

Time to complete the Right of Way Acquisition (federal process):

0

Month(s)

Plan on 18 months minimum for federal process including a condemnation

Time to complete final PS&E documentation:

6

Month(s)

Other:

0

Month(s)

Expected Completion Date for the PE Phase:

11/01/2019

Time for agency to request CON authorization:

3

Month(s)

Typical time for Caltrans and FHWA to process and approve CON authorization:

3

Month(s)

Proposed CON Authorization Date:

05/01/2020

(CON Authorization Delivery Milestone)

Time included for the agency's workload-leveling or construction-window needs:

9

Month(s)

Time to award contract with CON contractor (following the federal process, including Board/Council approval, advertise, award, execute and mobilize):

0

Month(s)

Time to complete construction:

12

Month(s)

Time included for closing the CON contract:

3

Month(s)

Other:

0

Month(s)

Expected Completion Date for the CON Phase:

05/01/2022

Time to complete the project close-out process:

3

Month(s)

Typical time for Caltrans and FHWA to process and approve project close-out:

3

Month(s)

Expected Completion Date for the project Close-Out:

11/01/2022

(Close-Out Delivery Milestone)

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V. Application Attachments (See [Application Form Instructions](#))Please attach all files as needed. **Note:** files may not be attachable if file is open. Close before attach.

1. Engineer's Checklist (Required for all projects)

2. Vicinity map/Location map (Required for all projects)

3. Project maps/plans showing existing and proposed conditions (Required for all projects)

4. Pictures of Existing Condition (Required for all projects)

5. HSIP Analyzer (Required for all projects)

6. Collision diagram(s) (Required for this project)

7. Collision List(s) (Required for this project)

8. Warrant Studies (Not required for this project)

9. Letter/email of Support from Caltrans (No SHS involved - not required for this project)

10. Additional narration, documentation, letters of support, etc. (Optional)

HSIP Cycle 9 Application – Engineer's Checklist (For applications that BCR is required)

This application checklist is to be used by the engineer in "responsible charge" of the preparation of this HSIP application, based on the final application and application attachments as submitted to Caltrans. The engineer's initials and stamp should not be placed until the application has been finalized.

The purpose of this checklist is to ensure all of the primary elements of the application are included and the application is free of errors, allowing the application to be accurately ranked in the statewide selection process. Applications with errors in the supporting data will not be considered in the project selection process.

Special Considerations for Engineers before signing and stamping this document attesting to the accuracy of the application:

Chapter 7; Article 3; Section 6735 of the Professional Engineer's Act of the State of California requires engineering calculations or reports be either prepared by or under the responsible charge of a licensed civil engineer. Since the corresponding HSIP application defines the scope of work of a future civil construction project and requires complex engineering principles and calculations which are based on the best data available at the time of the application, the application must be signed and stamped by a licensed civil engineer. By signing and stamping this document, the engineer is attesting to this application's technical information and engineering data upon which local agency's recommendations, conclusions, and decisions are made. This action is governed by the Professional Engineer's Act and the corresponding Code of Professional Conduct, under Sections 6775 and 6735.

1. Vicinity map /Location map

Engineer's Initials: 

- a. The project limits must be clearly depicted in relation to the overall agency boundary

2. Project layout-plan showing existing and proposed conditions must:

Engineer's Initials: 

- a. Be to a scale which allows the visual verification of the overall project limits and the construction limits of each safety countermeasure (CM) included in the application's BCR
- b. Show the full scope of the proposed project, including any non-safety construction items
- c. Show the "Influence Area" for each safety CM included in the application's BCR
- d. Show all changes to existing lanes and shoulder widths. Label the proposed widths
- e. Show limits of all roadway excavation/demolition
- f. Show agency's right of way (ROW) lines. (Also show ROW of the State, Railroad, and all other government agencies)

3. Project cross-section showing existing and proposed conditions.

(Only required for projects with roadway excavation, cut/fill slopes, and changes to lane widths)



Check if not applicable (no initials required when not applicable)

Engineer's Initials: 

- a. Show dimension, changes, ROW lines, safety CMs, etc.

4. Countermeasure Selection:Engineer's Initials: 

- a. The CMs used are appropriate and reasonable based on the HSIP guidelines and application instructions, including Appendix B of the Local Roadway Safety Manual.

5. Crash Data used in the Benefit Cost Ratio (BCR) calculations:Engineer's Initials: 

- a. Must be from a reliable and well documented source
- b. Must be within influence area of CMs and must be applied to CMs using generally accepted traffic engineering principles
(Example: If the CM only addresses the northbound lanes of a divided roadway, then southbound crashes should be excluded.)
- c. Must be accurately shown in collision diagrams and collision lists attached to this application
- d. Must be presented in terms of the number of crashes (**not** the number of injuries and fatalities)
- e. Must be based on the most recent data available and must have a minimum 3 years and maximum 5 years of data

6. Collision Diagrams (Shown separately or combined)Engineer's Initials: 

- a. Should be to scale with crash locations accurately plotted
- b. Reveal collision patterns necessary to justify CMs
- c. The influence area for each CM is shown separately on the diagrams (unless the areas are identical)
- d. All crashes, included in the BCR Calculation, must be clearly shown within the influence area of that CM
- e. Totals for each Location and/or CM are shown with crashes segregated based on Crash Severity
- f. The totals shown match the data in the Collision Lists and the crash data tables in the HSIP Analyzer

7. Collision Lists (Shown separately or combined)Engineer's Initials: 

- a. Totals for each Location and/or CM are shown with crashes segregated based on Crash Severity
- b. If the Lists includes crashes that were not appropriate to include in the BCR calculations, these crashes must be crossed through or removed and not included in the totals
- c. The totals shown match the data in the Collision Diagrams and the crash data tables in the HSIP Analyzer
- d. Each crash is only counted as one, even if there were multiple victims and/or vehicles involved

8. Detailed Engineer's Estimate and Project Cost Estimate (HSIP Analyzer – Sections I & II)Engineer's Initials: 

- a. All likely construction costs associated with the project are identified and included in Section I (Construction Cost Estimate and Cost Breakdown)
- b. Each of the main project elements are broken out into separate construction items. The costs for the construction items are based on calculated quantities and appropriate corresponding unit costs
- c. Costs for the construction items are distributed among the CMs using a logical method to fairly calculate each CM's cost
- d. "Other Safety-Related" and "Non-Safety-Related" components are properly identified and accounted for
- e. Each CM included in the BCR calculation must represent a minimum of 15% of the construction costs unless an exception is being requested (automatic in the HSIP Analyzer)
- f. The Total Construction Cost in Section I must match the "Construction Items – Total Cost" in Section II (Project Cost Estimate) (automatic in the HSIP Analyzer)
- g. The project costs of all phases must be properly accounted for in Section II

9. Benefit and BCR Calculation (HSIP Analyzer – Sections III & IV)Engineer's Initials: 

- a. Project locations are grouped appropriately per Manual for HSIP Analyzer
- b. For each of location groups, the CMs applied are selected properly based on the proposed work for safety improvements;
- c. For each of the location groups, the crash data time period must be a minimum of 3 years and a maximum of 5 years and the most recent available crash data must be used.
- d. For each of the location groups, the data in the crash data tables for each location must include only the crashes for the specified crash types and must match those in the Collision Diagrams and the Collision Lists.
- e. The totals for each Location match the totals shown in the Collision Diagrams and Collision Lists
- f. The total project cost in the BCR calculation must match the total project cost in Section II (automatic in the HSIP Analyzer)
- g. The data transferred to Section III of the application form must match the data in the HSIP Analyzer

10. Warrant studies/guidance (Check if not applicable)**Check if not applicable (no initials required when not applicable)**Engineer's Initials: 

- a. Traffic Signal Warrants – Warrant 4, 5 or 7 met (CA MUTCD): Signal warrants must be documented as having been met based on the CA MUTCD.

11. Additional narration, documentation, letters of support:Engineer's Initials: 

- a. The answers to the "Narrative Questions" in the application form are consistent with and support the engineering logic and the calculations in the development of the application's BCR
- b. When needed, clarify non-standard application of countermeasures, crashes and/or costs; appropriate documentation is attached to the application to document the engineering decisions and calculations.

Signature and Stamp Page

Licensed Engineer:

Name:

Title:

Engineer License Number:

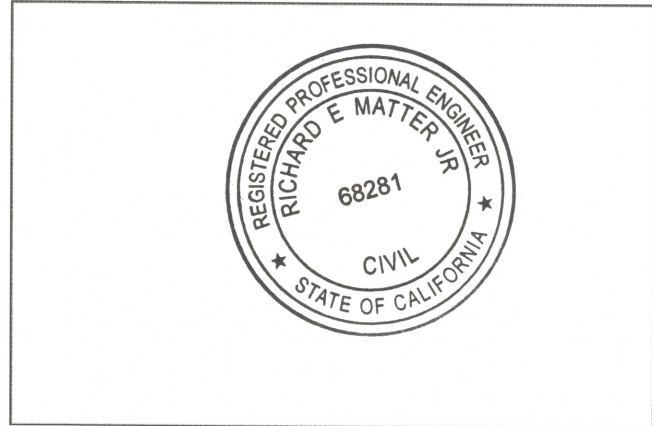
Signature:

Date:

Email:

Phone:

Engineer's Stamp:



To ensure the application's quality and the agency's commitment to deliver the safety project in an expedited manner, the application must be signed by the Agency's Transportation/Traffic Engineering Manager.

By signing this application, the manager is attesting to:

1. All data in the application is accurate and represents the total scope of the planned project;
2. The agency understands the Project Delivery Requirements for the HSIP Program and is prepared to deliver the project per these requirements; and
3. The agency understands if Caltrans staff determine that any of the above requirements are not met, or data is inaccurate, or the application fails to meet the program guidelines and application instructions, the application will be rejected and will not be eligible to receive federal safety funding. Due to time constraints in the evaluation process, applicants will not be notified until after the selection process is complete. Refer to Application Form Instructions for more information.

Transportation Manager:

Name:

Title:

Signature:

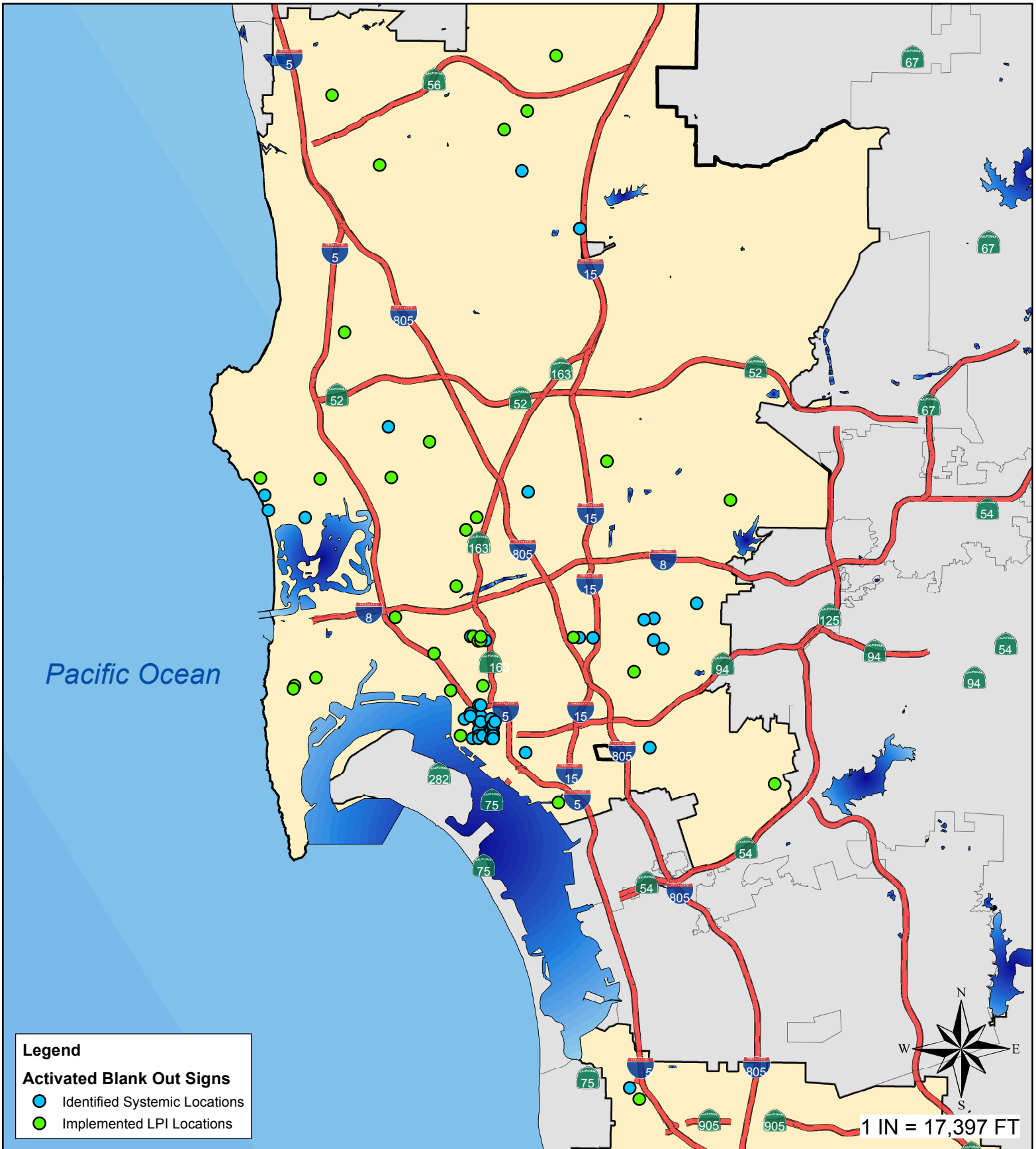
Date:

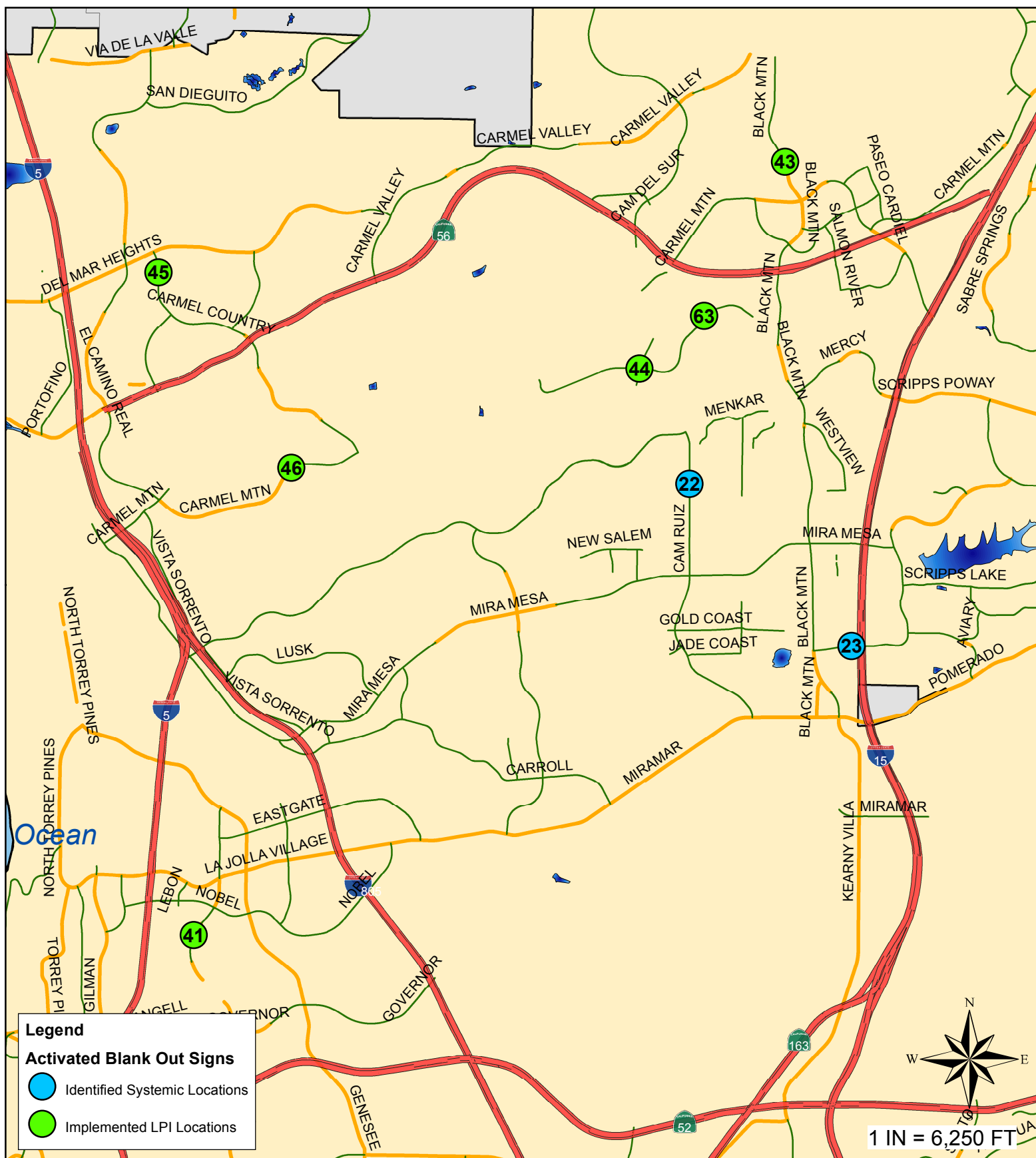
Vicinity Map



Vicinity Map

Various Intersections Citywide

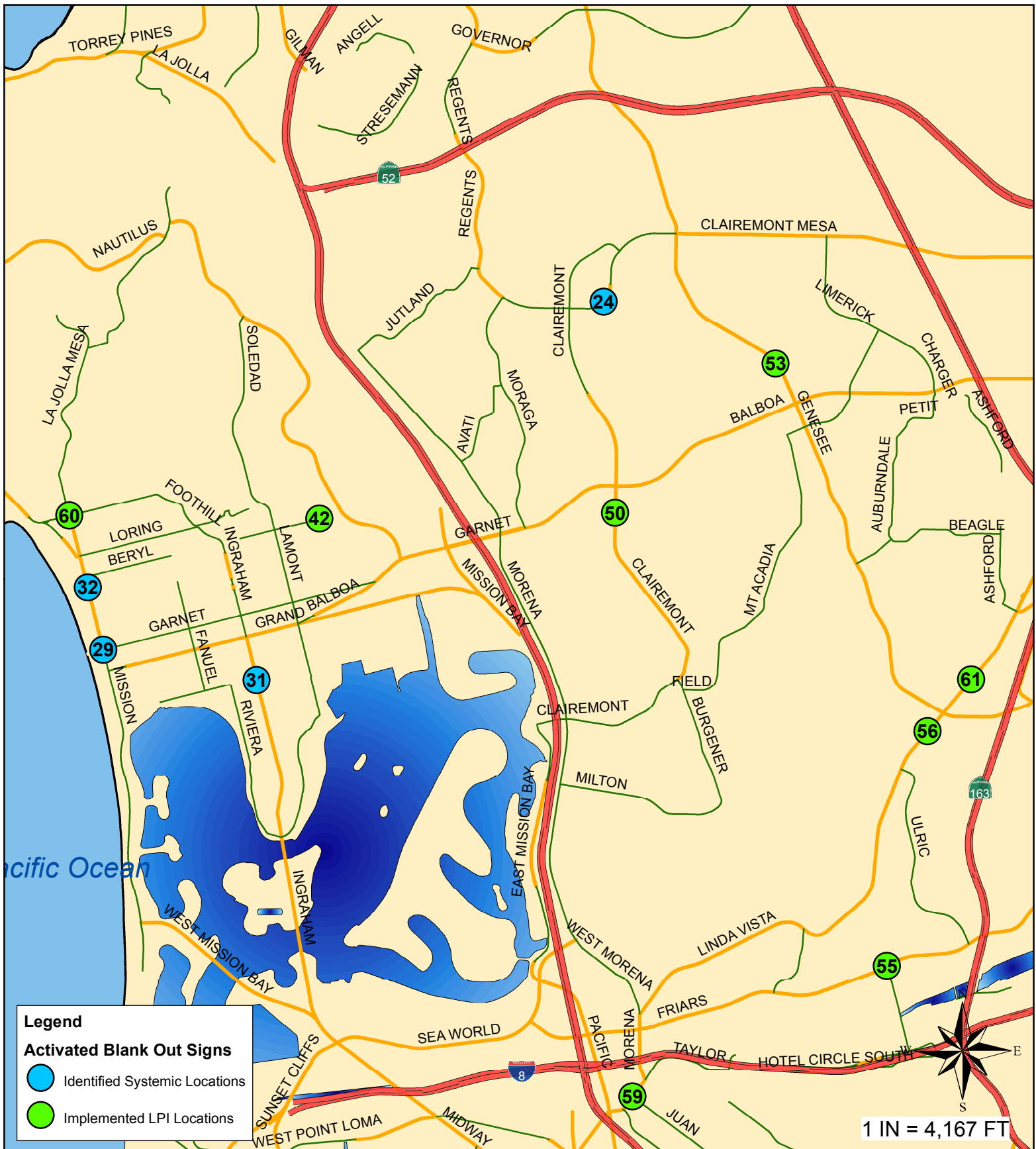




Vicinity Map

Various Intersections Citywide

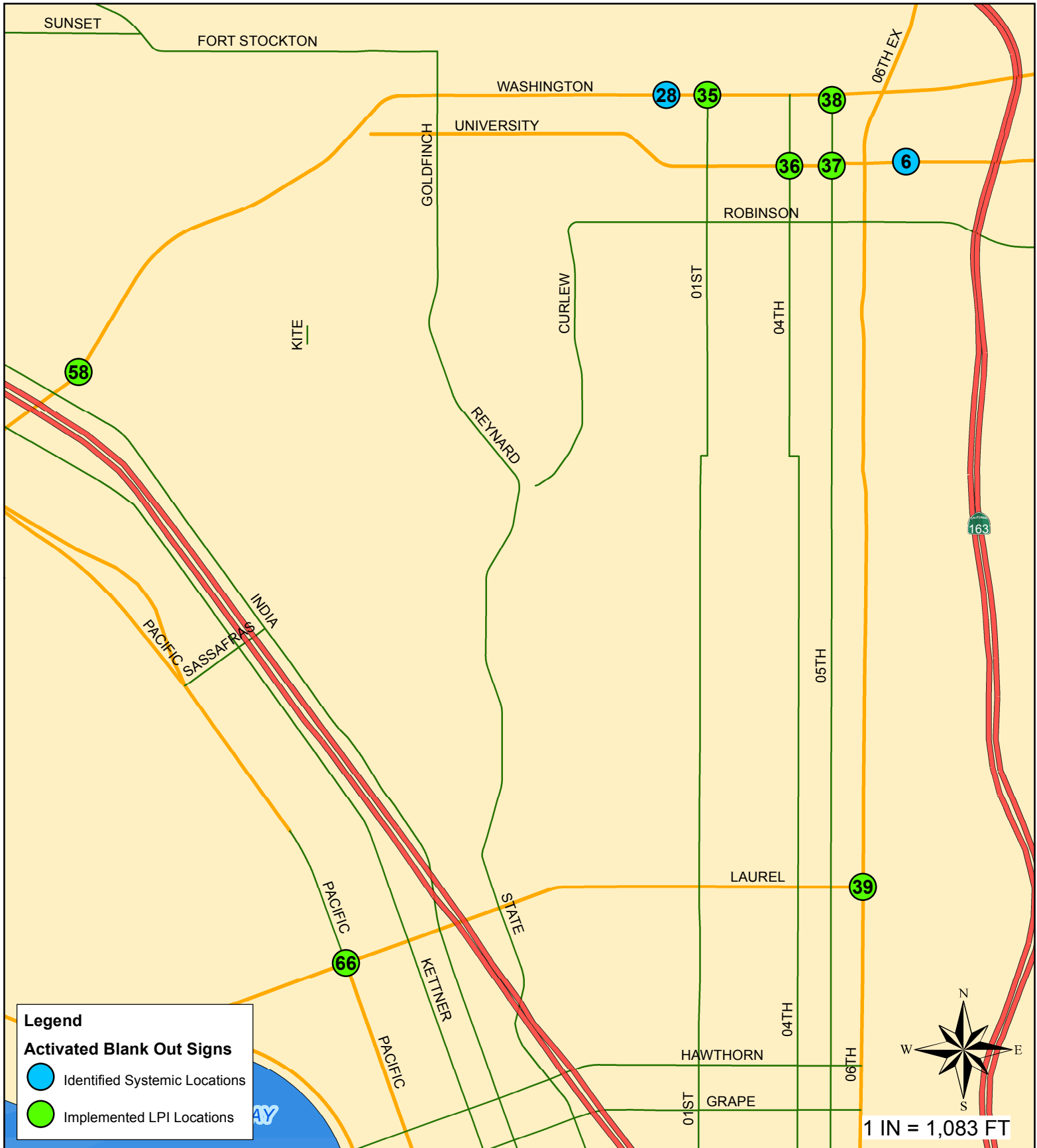
Clairemont Mesa Community Planning Area



Vicinity Map

Various Intersections Citywide

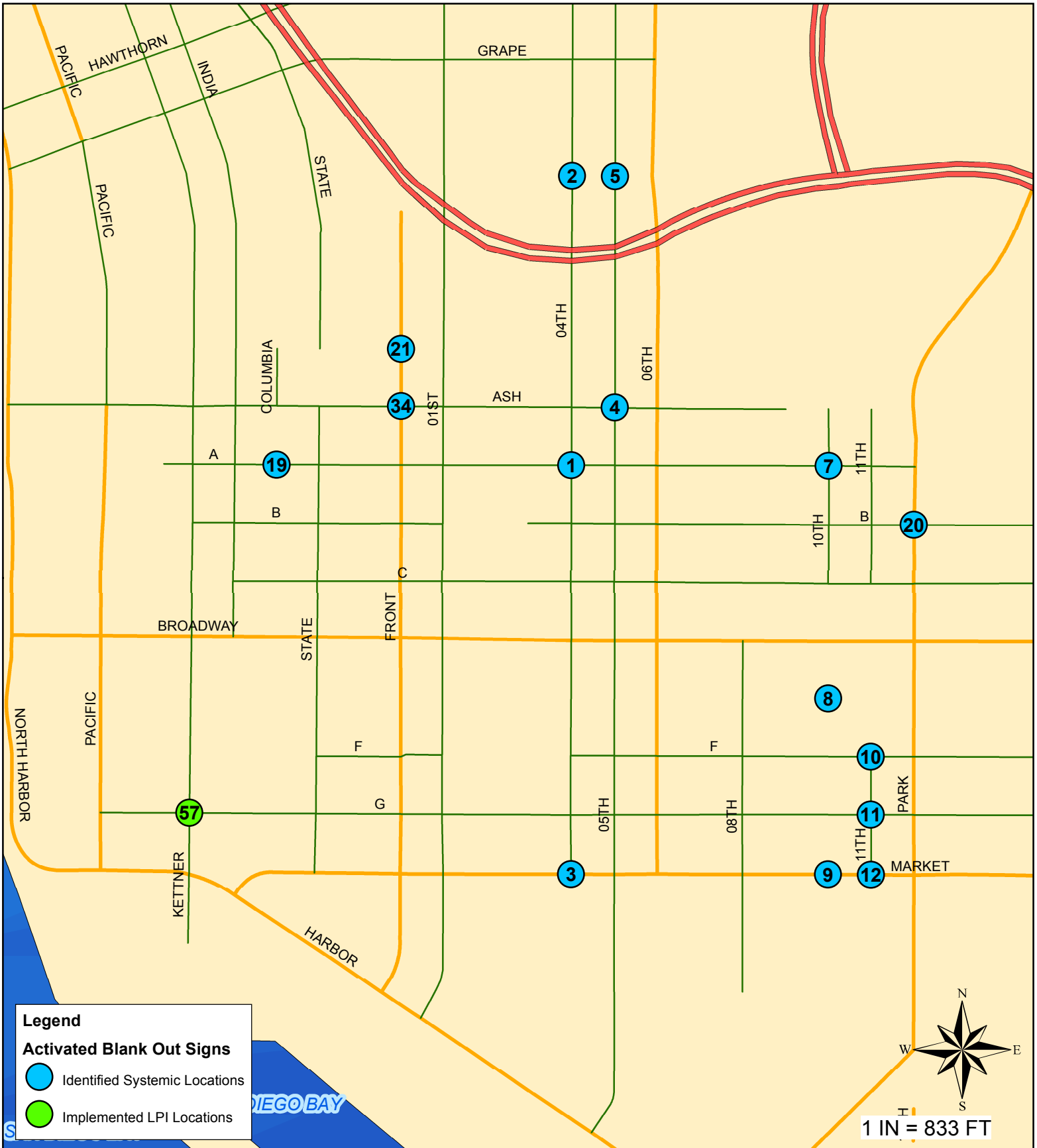
Uptown Community Planning Area



Vicinity Map

Various Intersections Citywide

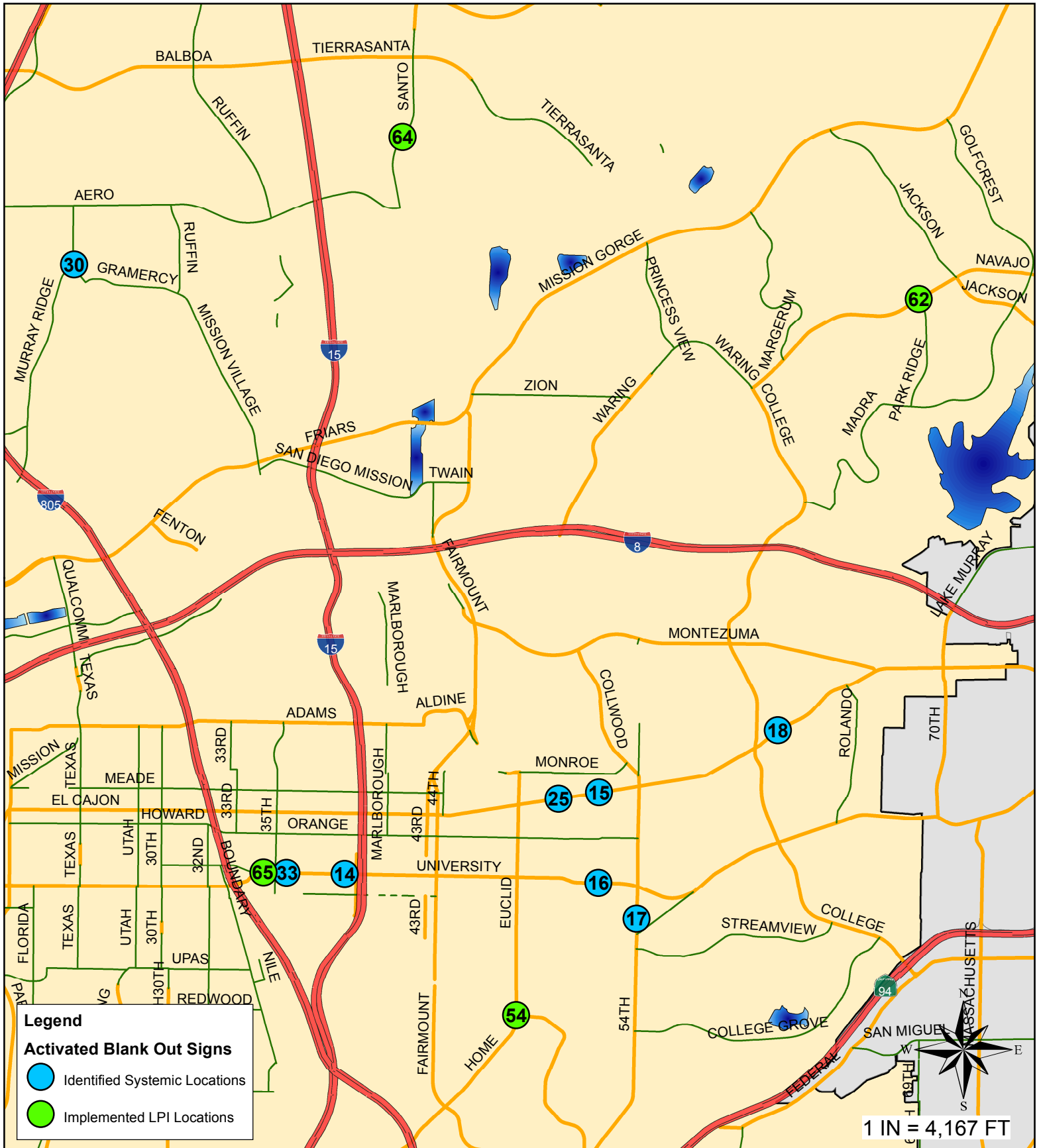
Downtown Community Planning Area



Vicinity Map

Various Intersections Citywide

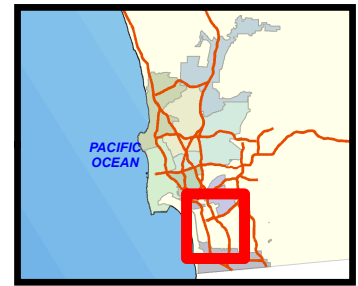
City Heights Community Planning Area



Vicinity Map

Various Intersections Citywide

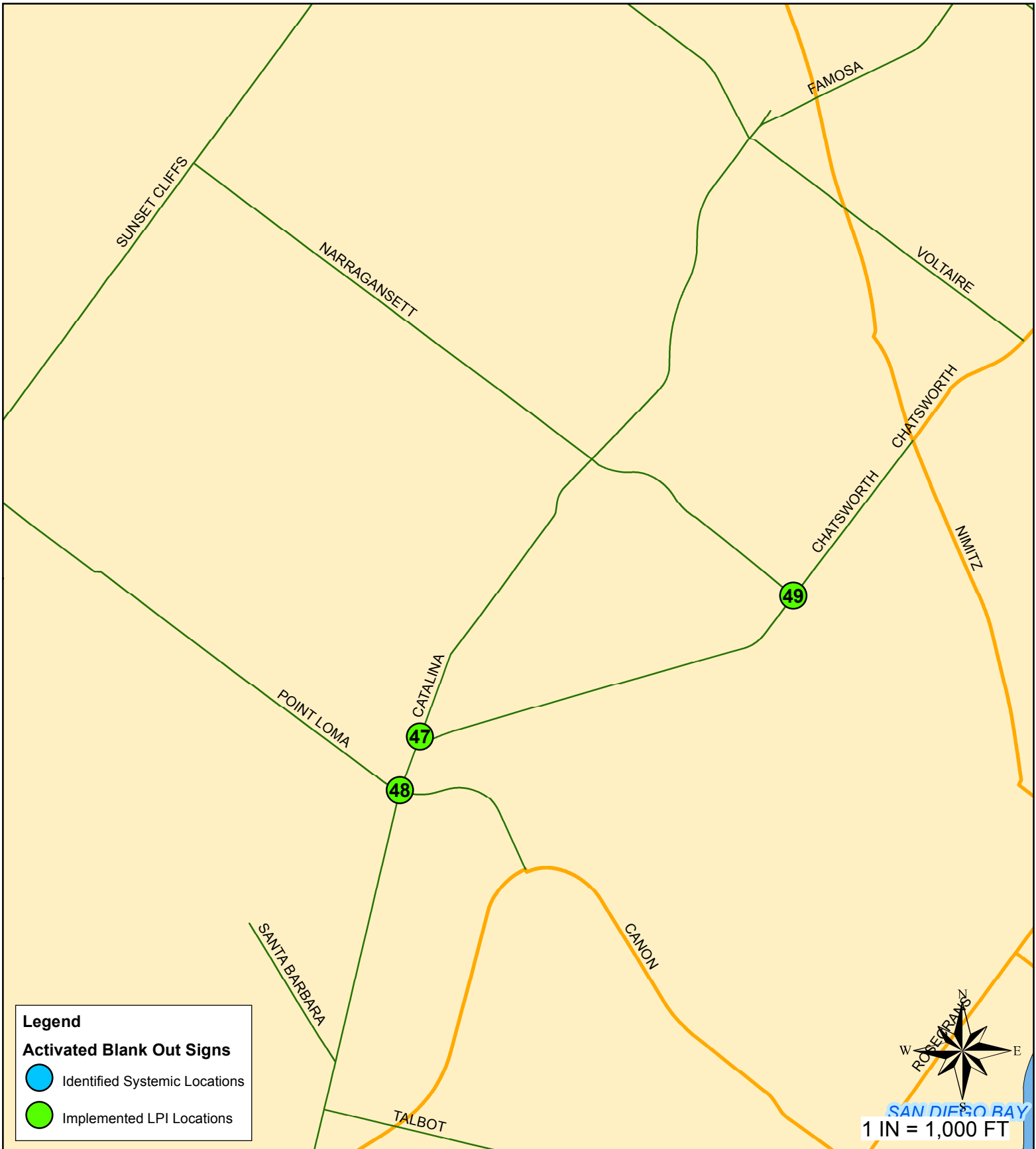
Otay Mesa Community Planning Area



Vicinity Map

Various Intersections Citywide

Point Loma Community Planning Area



HSIP Project Intersections 11-San Diego-1	
INT ID	PROJECT LOCATION
Systemic Analysis Identified Locations	
1	4TH AV & A ST
2	4TH AV & ELM ST
3	4TH AV & MARKET ST
4	5TH AV & ASH ST
5	5TH AV & ELM ST
6	7TH AV & UNIVERSITY AV
7	10TH AV & A ST
8	10TH AV & E ST
9	10TH AV & MARKET ST
10	11TH AV & C ST
11	11TH AV & G ST
12	11TH AV & MARKET ST
13	25TH ST & IMPERIAL AV
14	39TH ST & UNIVERSITY AV
15	52ND ST & EL CAJON BL
16	52ND ST & UNIVERSITY AV
17	54TH ST & LEA ST
18	62ND ST & EL CAJON BL
19	A ST & COLUMBIA ST
20	B ST & PARK BL
21	BEECH ST & FRONT ST
22	CAMINO RUIZ & CAPRICORN WY
23	CARROLL CANYON RD & MAYA LINDA RD
24	CLAIREMONT MESA BL & ROLFE RD
25	EL CAJON BL & WINONA AV
26	ELM AV & SATURN BL
27	EUCLID AV & NARANJA ST
28	FRONT ST & WASHINGTON ST
29	GARNET AV & MISSION BL
30	HAMMOND DR & SANDROCK RD
31	INGRAHAM ST & PACIFIC BEACH DR
32	LAW ST & MISSION BL
33	UNIVERSITY AV & WILSON AV
34	W ASH ST & FRONT ST

HSIP Project Intersections 11-San Diego-1	
INT ID	PROJECT LOCATION
LPI Implemented Locations	
35	1ST AV & WASHINGTON ST
36	4TH AV & UNIVERSITY AV
37	5TH AV & UNIVERSITY AV
38	5TH AV & WASHINGTON ST
39	6TH AV & EL PRADO/LAUREL ST
40	32ND ST & NORMAN SCOTT RD
41	BERINO CT & REGENTS RD
42	BERYL ST & NOYES ST
43	BLACK MOUNTAIN RD & OVIEDO ST
44	CAMINO DEL SUR & PARK VILLAGE RD
45	CARMEL COUNTRY RD & MCGUIRE DR
46	CARMEL MOUNTAIN RD & HARVEST RUN DR
47	CATALINA BL & CHATSWORTH BL
48	CATALINA BL & POINT LOMA AV
49	CHATSWORTH BL & NARRAGANSETT AV
50	CLAIREMONT DR & UTE DR
51	CORONADO AV & GREEN BAY ST
52	DEEP DELL RD & PARADISE VALLEY RD
53	DERRICK DR & GENESEE AV
54	EUCLID AV & HOME AV
55	FASHION VALLEY RD & FRIARS RD
56	FULTON ST & LINDA VISTA RD
57	G ST & KETTNER BL
58	INDIA ST & W WASHINGTON ST
59	JUAN ST & TAYLOR ST
60	MISSION BL & TURQUOISE ST
61	LINDA VISTA RD & WHEATLY ST
62	NAVAJO RD & PARK RIDGE BL
63	PARK VILLAGE RD & RUMEX LN
64	SANTO RD & SHIELDS ST
65	SWIFT AV & UNIVERSITY AV
66	W LAUREL ST & PACIFIC HWY

Project Layout-Plan



1. REMOVE
EXISTING SIGN,
AS NEEDED

2. INSTALL NO
TURN ON RED
SIGN WITH
ACTIVATED
BLANK-OUT SIGN

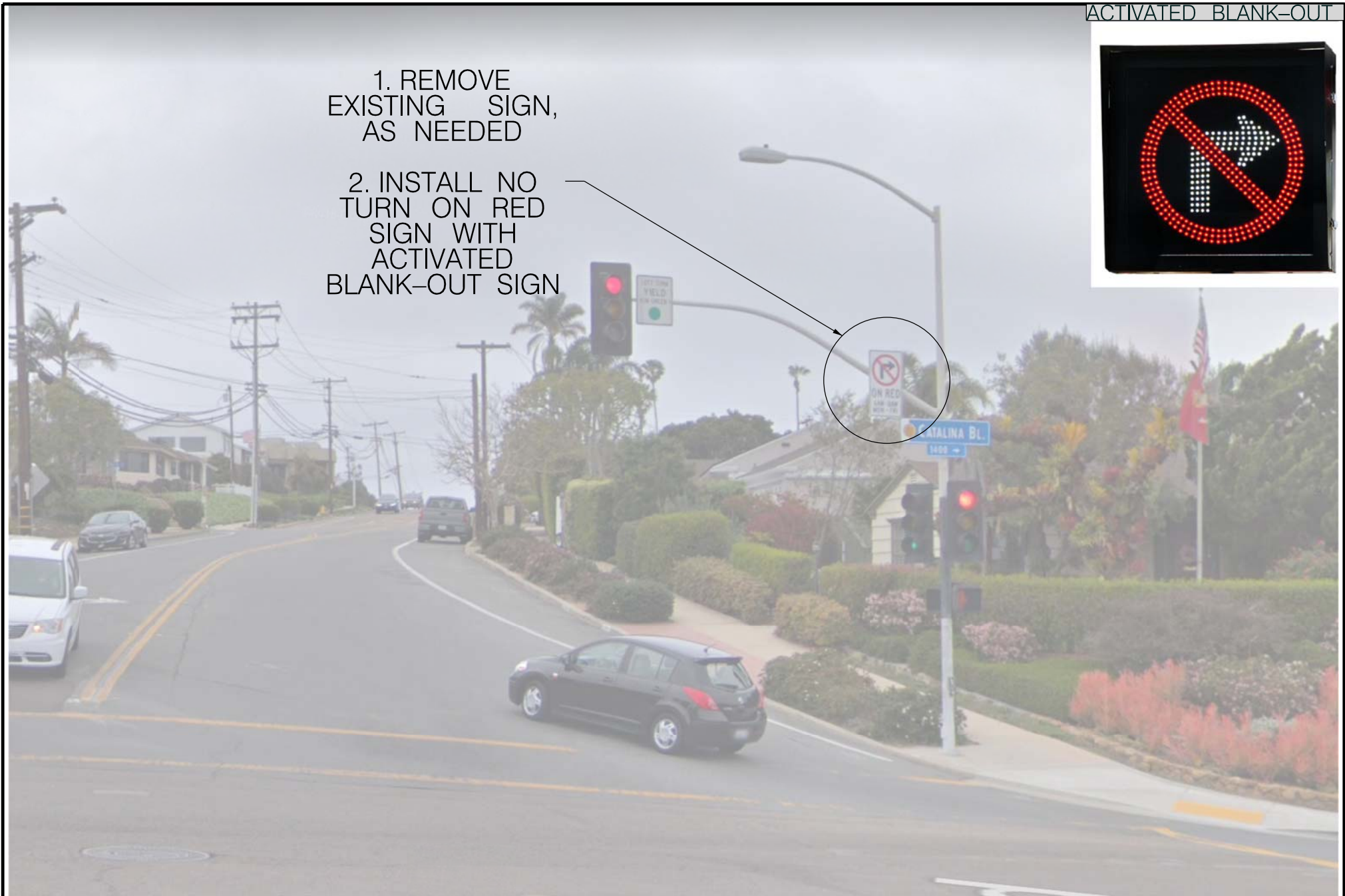


EXHIBIT A

TYPICAL EXISTING CONDITIONS & PROPOSED IMPROVEMENTS
COUNTERMEASURE S2

1. REMOVE
EXISTING
CONTROLLER

2. INSTALL
170E
CONTROLLER

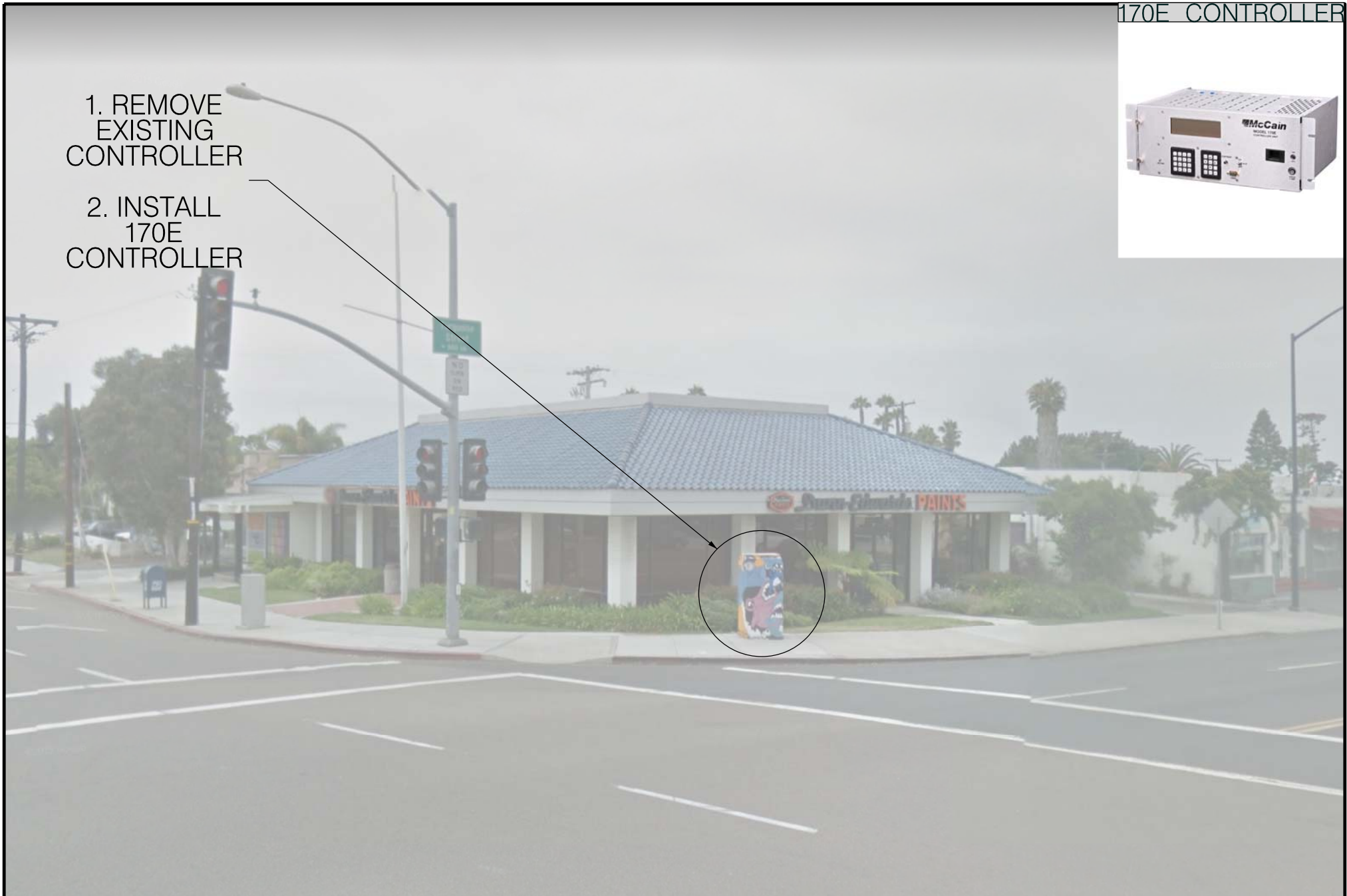
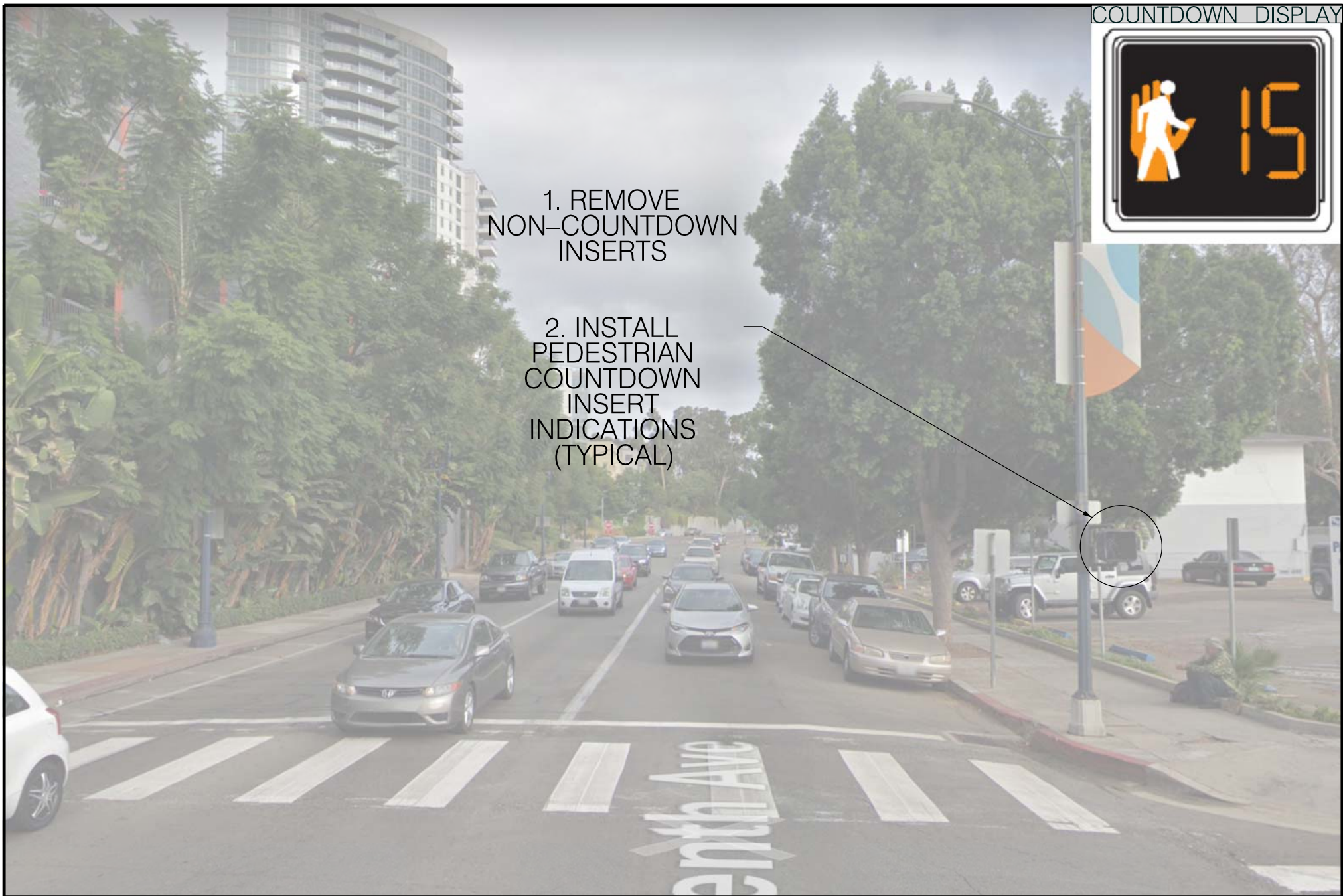


EXHIBIT B

TYPICAL EXISTING CONDITIONS & PROPOSED IMPROVEMENTS
COUNTERMEASURE S2



COUNTDOWN DISPLAY

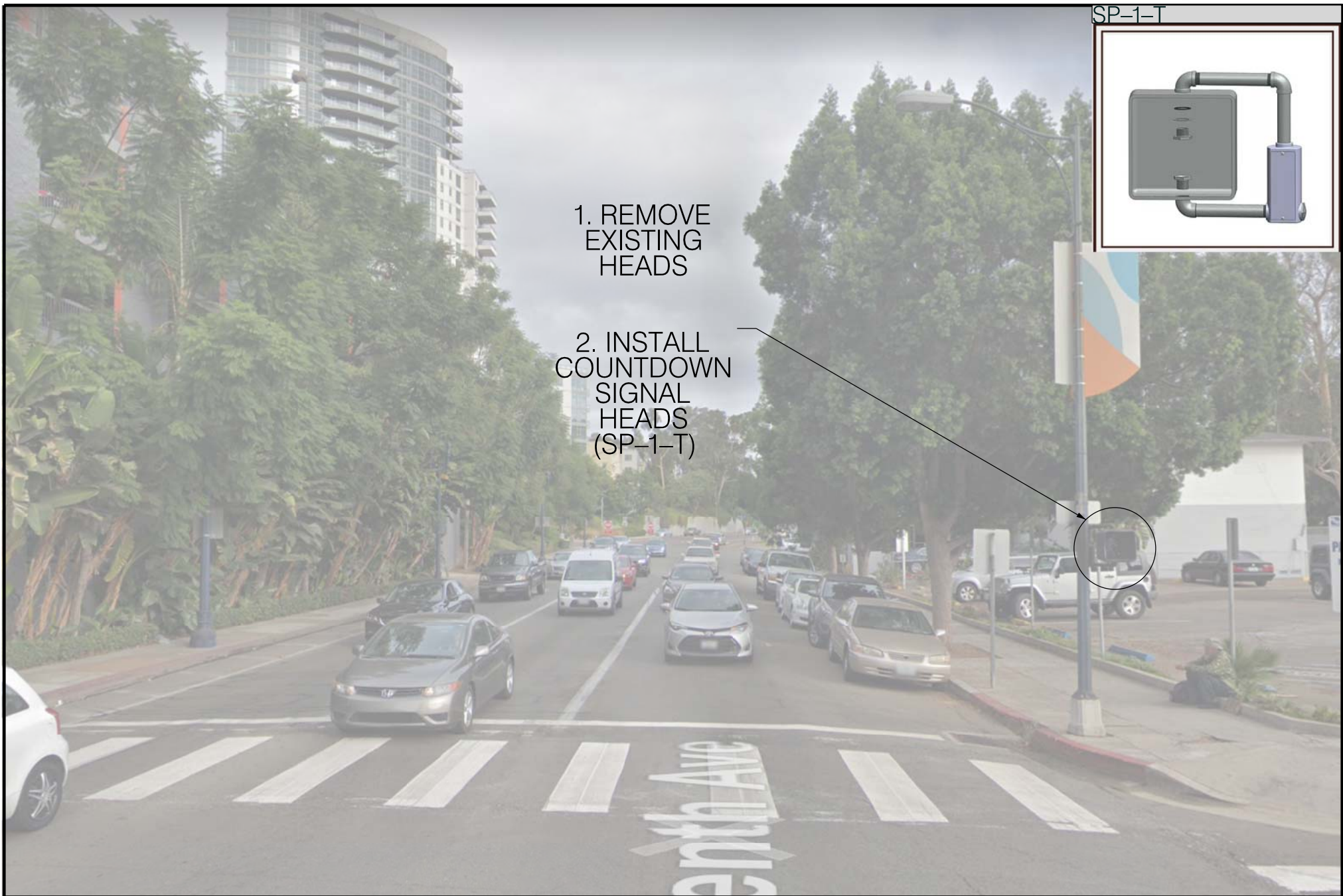


1. REMOVE
NON-COUNTDOWN
INSERTS

2. INSTALL
PEDESTRIAN
COUNTDOWN
INSERT
INDICATIONS
(TYPICAL)

EXHIBIT C

TYPICAL EXISTING CONDITIONS & PROPOSED IMPROVEMENTS
COUNTERMEASURE S19



SP-1-T



1. REMOVE
EXISTING
HEADS

2. INSTALL
COUNTDOWN
SIGNAL
HEADS
(SP-1-T)

EXHIBIT D

TYPICAL EXISTING CONDITIONS & PROPOSED IMPROVEMENTS
COUNTERMEASURE S19

SP-2-T



1. REMOVE
EXISTING
HEADS

2. INSTALL
COUNTDOWN
SIGNAL
HEADS
(SP-2-T)

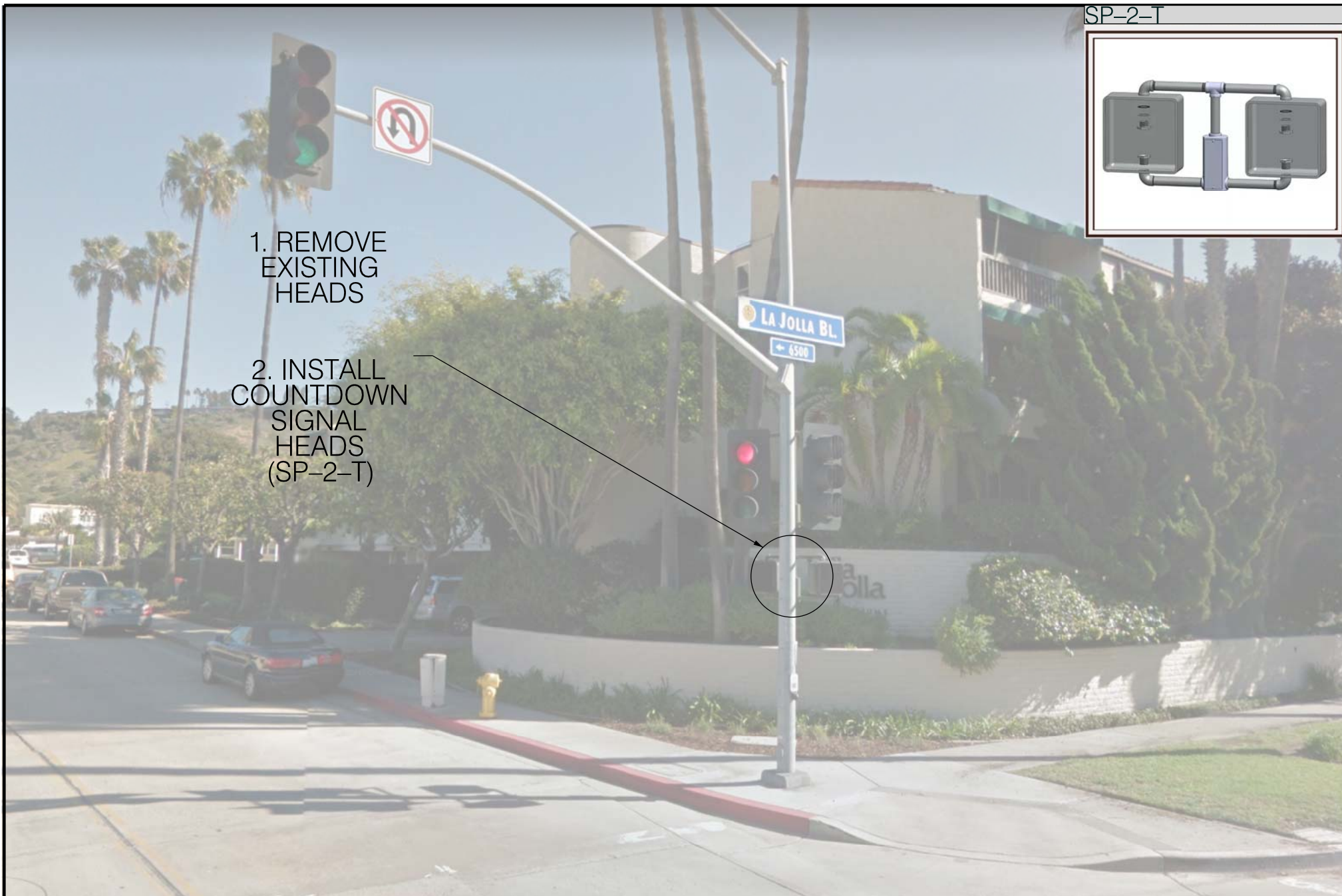


EXHIBIT E

TYPICAL EXISTING CONDITIONS & PROPOSED IMPROVEMENTS
COUNTERMEASURE S19

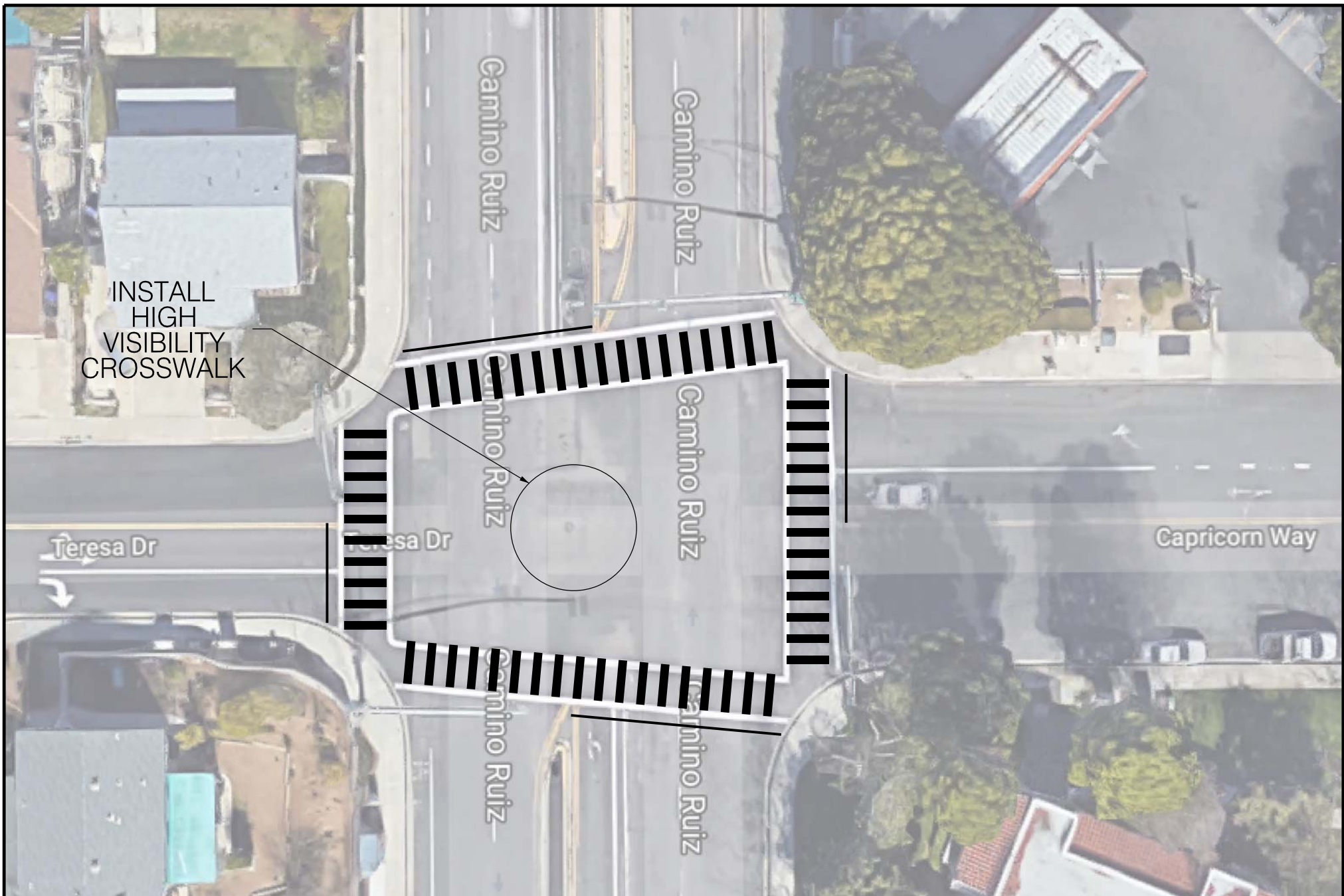


EXHIBIT F

TYPICAL EXISTING CONDITIONS & PROPOSED IMPROVEMENTS
COUNTERMEASURE S20

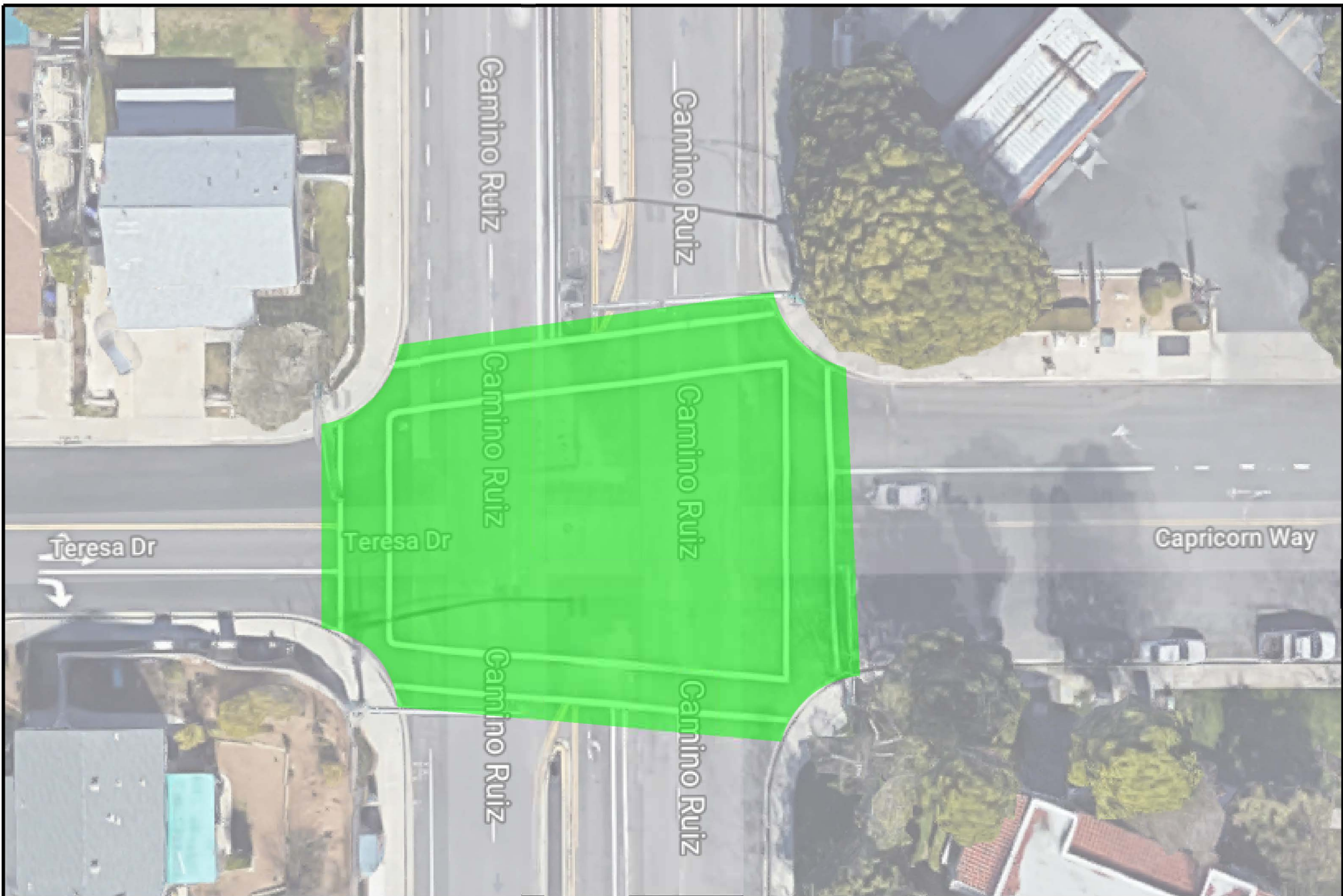


EXHIBIT G

TYPICAL INFLUENCE AREA
COUNTERMEASURE S2, S19, & S20

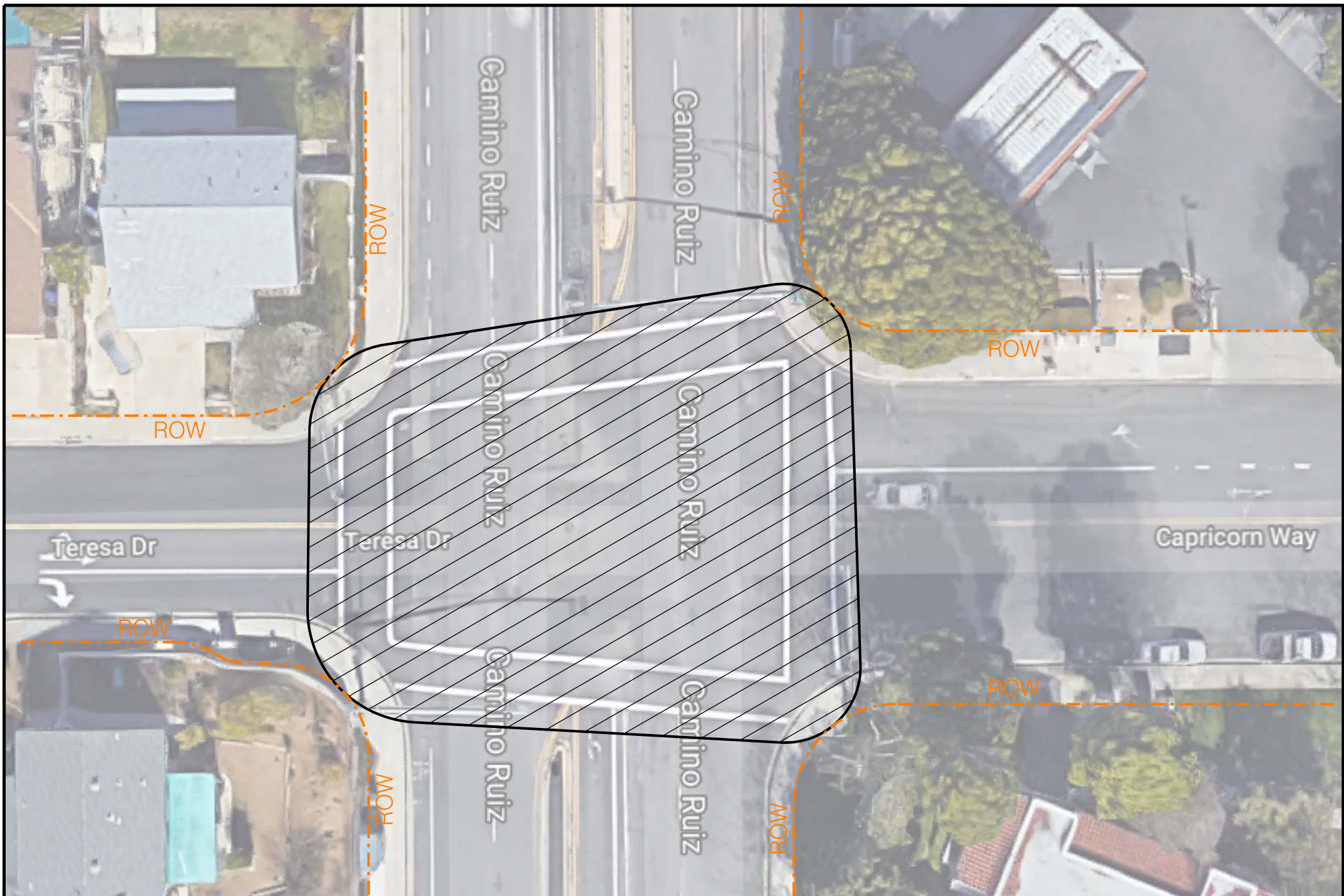


EXHIBIT H

TYPICAL CONSTRUCTION AREA
COUNTERMEASURE S2, S19, & S20

Existing Conditions



Existing Conditions

The following locations are typical intersections for the following groups:

Group 1: Installation of activated blank out signs, pedestrian countdown timers, and high visibility crosswalks for countermeasures S2, S19, and S20

4th Av & Elm St

W Laurel St & Pacific Hy

Group 2: Installation of activated blank out signs and pedestrian countdown timers for countermeasures S2 and S19

4th Av & Market St

Fashion Valley Rd & Friars Rd

Group 3: Installation of activated blank out signs and high visibility crosswalks for countermeasures S2 and S20

Hammond Dr & Sandrock St

Group 4: Installation of activated blank out signs for countermeasures S2

54th St & Lea St

Deep Dell Rd & Paradise Valley Rd

Group 5: Installation of pedestrian countdown timers and high visibility crosswalks for countermeasures S19 and S20

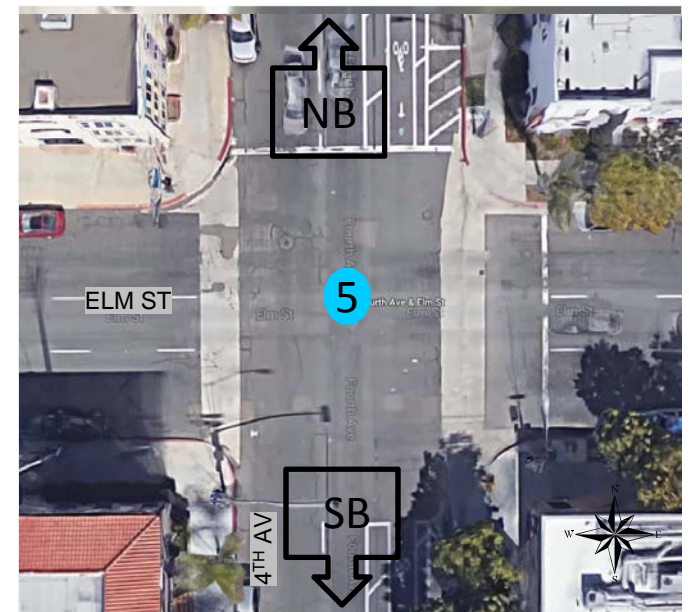
W Ash St & Front St

Group 6: Installation of high visibility crosswalks for countermeasure S20

5th Av & Ash St

**HSIP Project Intersections: Group 1
11-San Diego-1**

INT ID	Project Locations	Improvements (CM S2, S19, & S20)			
		Activated Blank Out Signs (direction)	170 E Controller (needed for sign)	High Visibility Crosswalk (qty-legs)	Pedestrian Countdown Timer Inserts (qty)
2	4TH AV & ELM ST	SB-LT	Y	4	8
5	5TH AV & ELM ST	WB-LT	Y	4	8
13	25TH ST & IMPERIAL AV	ALL-RT	N	1	4 double face heads
14	39TH ST & UNIVERSITY AV	EB-RT, WB-RT	Y	2	8
18	62ND ST & EL CAJON BL	WB-RT	Y	3	8
22	CAMINO RUIZ & CAPRICORN WY	NB-RT, SB-RT	N	4	8
23	CARROLL CANYON RD & MAYA LINDA RD	EB-RT, WB-RT	N	3	8
24	CLAIREMONT MESA BL & ROLFE RD	EB-RT, WB-RT	Y	4	2 & 3 double face heads
26	ELM AV & SATURN BL	NB-RT, SB-RT	N	4	8
32	LAW ST & MISSION BL	NB-RT, SB-RT	Y	4	8
33	UNIVERSITY AV & WILSON AV	EB-RT, WB-RT	Y	4	8
35	1ST AV & WASHINGTON ST	NB-RT	Y	2	8
41	BERINO CT & REGENTS RD	EB-RT	Y	4	8
42	BERYL ST & NOYES ST	SB-RT	Y	4	8
43	BLACK MOUNTAIN RD & OVIEDO ST	SB-RT	Y	2	8
44	CAMINO DEL SUR & PARK VILLAGE RD	NB-RT, SB-RT	Y	4	8
45	CARMEL COUNTRY RD & MCGUIRE DR	ALL-RT	Y	3	8
47	CATALINA BL & CHATSWORTH BL	EB-RT	Y	1	8
48	CATALINA BL & POINT LOMA AV	SB-RT, NB-RT	Y	4	8
51	CORONADO AV & GREEN BAY ST	EB-RT, WB-RT	N	4	8
53	DERRICK DR & GENESEE AV	NB-RT, SB-RT	Y	3	4 double face heads
56	FULTON ST & LINDA VISTA RD	NB-RT, SB-RT	Y	4	8
58	INDIA ST & W WASHINGTON ST	WB-RT	Y	4	8
60	MISSION BL & TURQUOISE ST	SB-RT	Y	4	8
61	LINDA VISTA RD & WHEATLY ST	NB-RT, SB-RT	Y	4	8
63	PARK VILLAGE RD & RUMEX LN	EB-RT, WB-RT	Y	2	8
64	SANTO RD & SHIELDS ST	NB-RT, SB-RT	Y	4	8
66	W LAUREL ST & PACIFIC HWY	EB-RT, WB-RT	Y	4	8

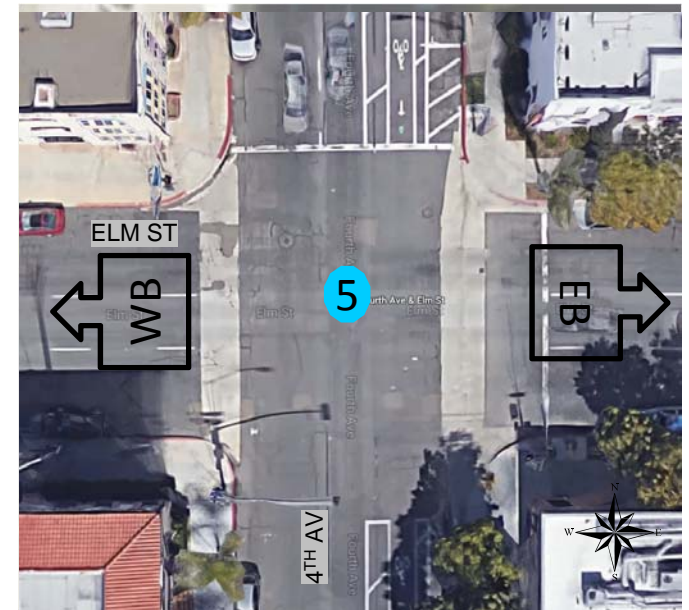


Proposed Improvements

- ③ Install 170E Controller (Exhibit B)
- ⑤ Install pedestrian signal head (SP-1-T) with countdown timer insert indication (Exhibit D)
- ⑥ Install pedestrian signal head (SP-2-T) with countdown timer insert indication (Exhibit E)
- ⑦ Install high visibility crosswalks (Exhibit F)

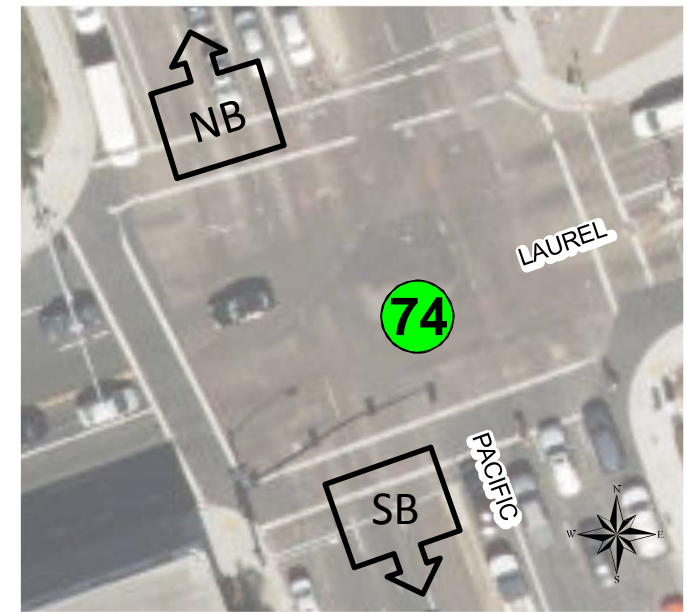
INT ID
2

GROUP 1: 4TH AV & ELM ST
EXISTING CONDITIONS FOR COUNTERMEASURES S2, S19, & S20



INT ID
2

GROUP 1: 4TH AV & ELM ST
EXISTING CONDITIONS FOR COUNTERMEASURES S2, S19, & S20

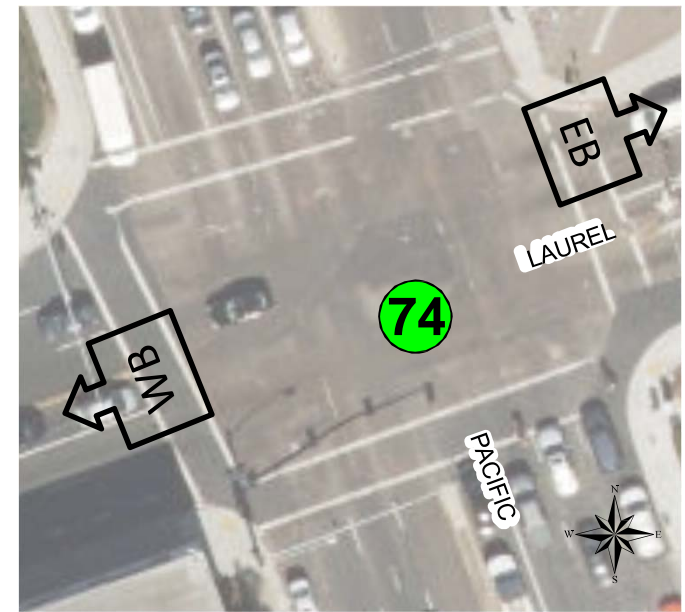


Proposed Improvements

- ① Install activated blank-out sign (R3-1) (Exhibit A)
- ② Replace existing R3-1 sign with activated blank-out sign (Exhibit A)
- ③ Install 170E Controller (Exhibit B)
- ④ Install pedestrian countdown insert indication (Exhibit C)
- ⑦ Install high visibility crosswalks (Exhibit F)

INT ID
66

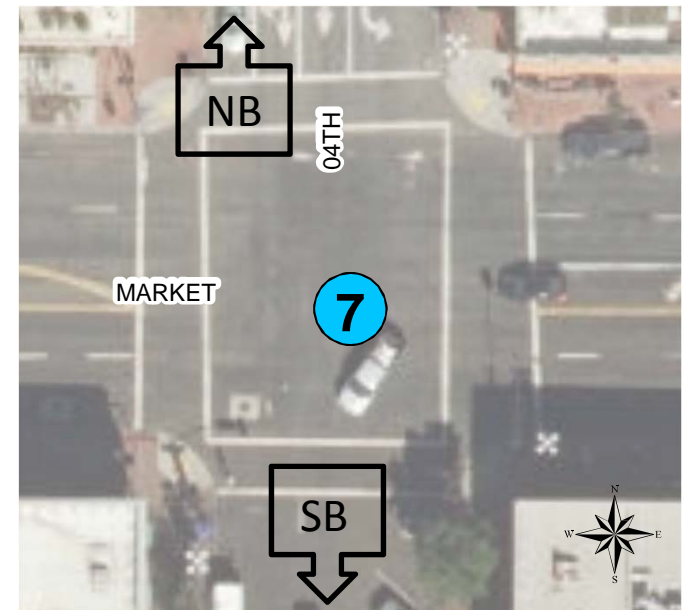
GROUP 1: W LAUREL ST & PACIFIC HWY
EXISTING CONDITIONS FOR COUNTERMEASURES S2, S19, & S20



INT ID
66

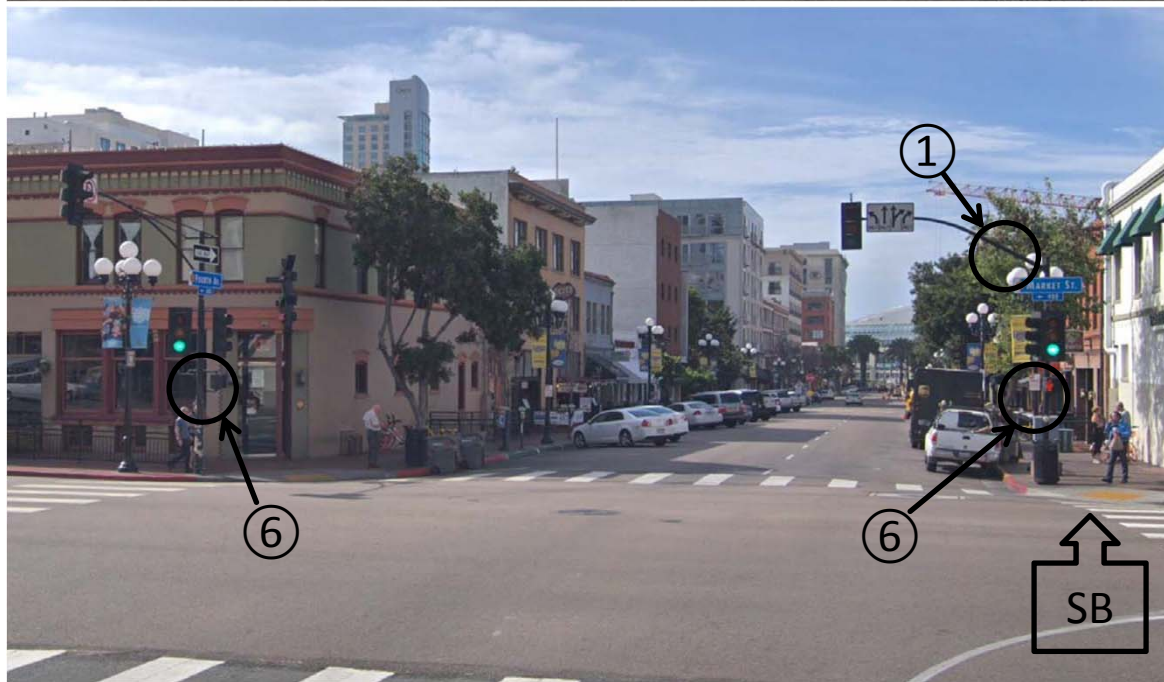
GROUP 1: W LAUREL ST & PACIFIC HWY
EXISTING CONDITIONS FOR COUNTERMEASURES S2, S19, & S20

HSIP Project Intersections: Group 2 11-San Diego-1				
INT ID	Project Locations	Improvements (CM S2 & S19)		
		Activated Blank Out Signs (direction)	170 E Controller (needed for sign)	Pedestrian Countdown Timer Insert (qty)
3	4TH AV & MARKET ST	WB-RT	N	2 & 3 double face heads
7	10TH AV & A ST	EB-LT	N	8
36	4TH AV & UNIVERSITY AV	WB-RT	Y	8
40	32ND ST & NORMAN SCOTT RD	EB-RT	N	8
46	CARMEL MOUNTAIN RD & HARVEST RUN DR	EB-RT, WB-RT	Y	8
55	FASHION VALLEY RD & FRIARS RD	EB-RT, WB-RT	Y	8
62	NAVAJO RD & PARK RIDGE BL	EB-RT, WB-RT	Y	4 double face heads



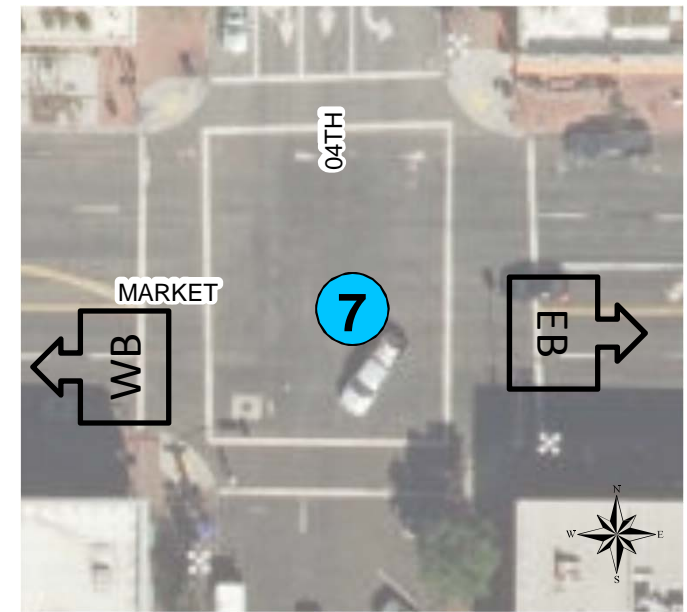
Proposed Improvements

- ① Install activated blank-out sign (R3-1) (Exhibit A)
- ⑥ Install pedestrian signal head (SP-2-T) with countdown timer insert indication (Exhibit E)



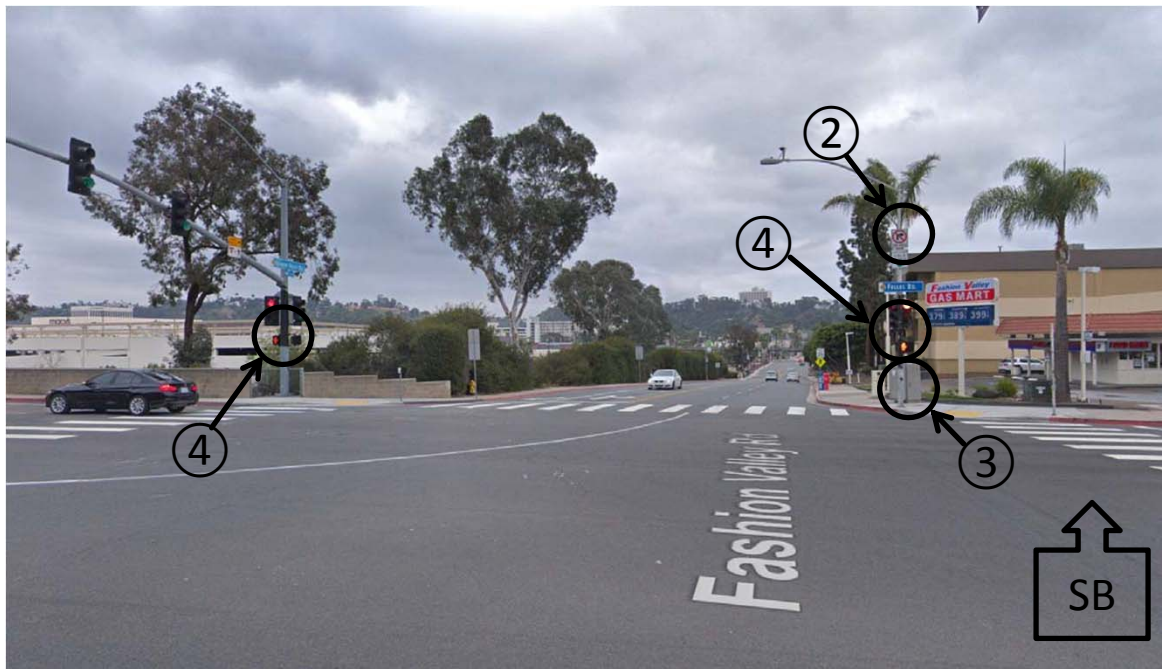
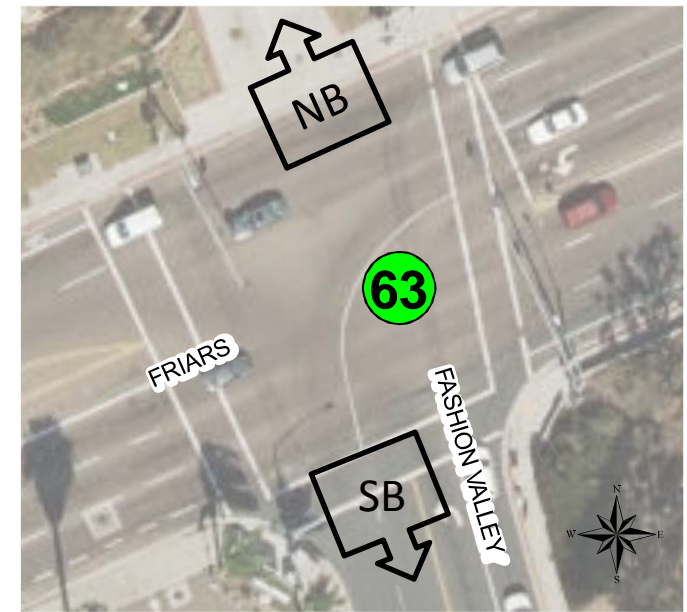
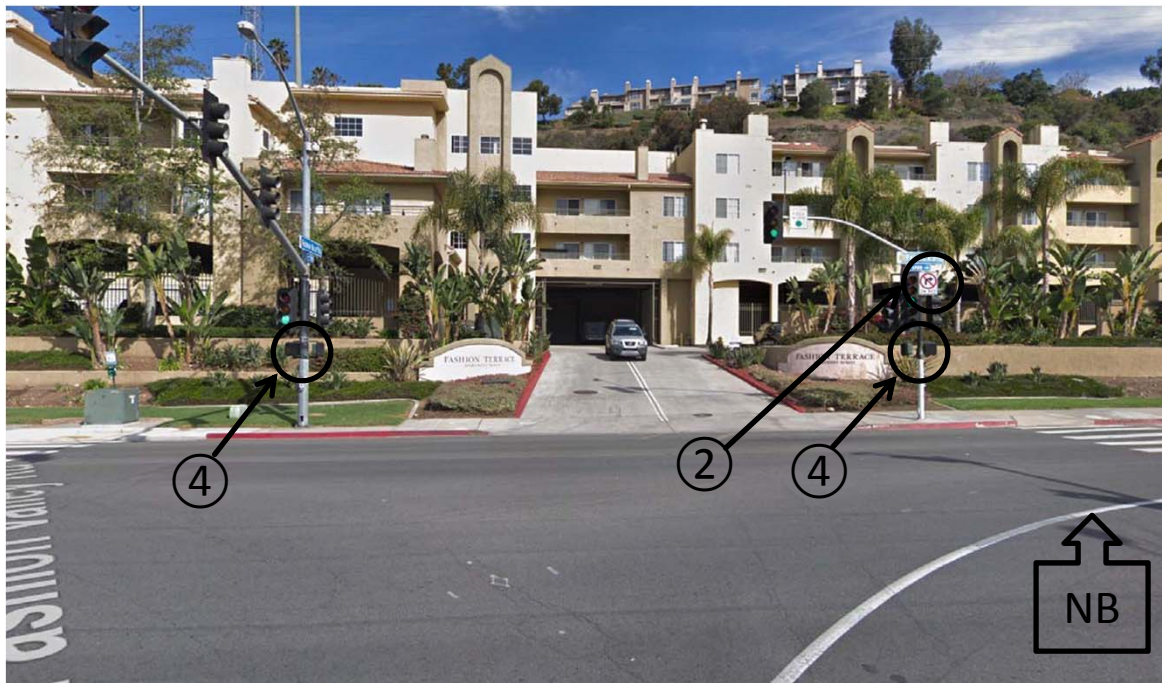
INT ID
3

GROUP 2: 4TH AV & MARKET ST
EXISTING CONDITIONS FOR COUNTERMEASURES S2 & S19



INT ID
3

GROUP 2: 4TH AV & MARKET ST
EXISTING CONDITIONS FOR COUNTERMEASURES S2 & S19

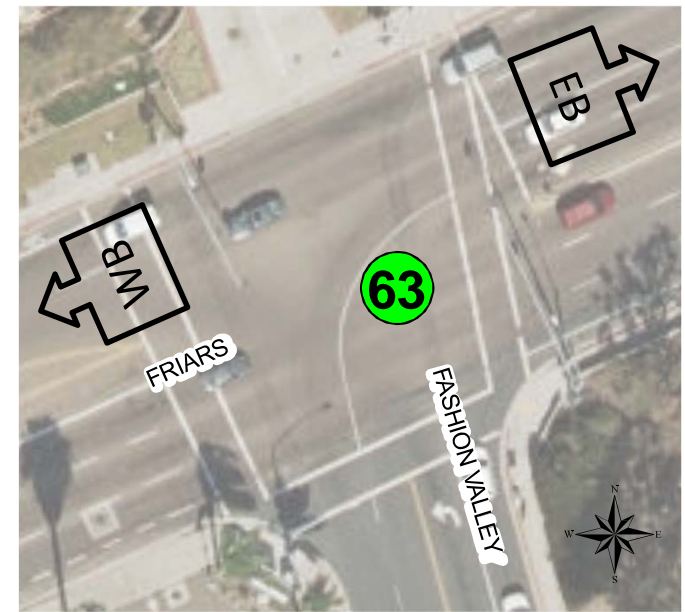


Proposed Improvements

- ② Replace existing R3-1 sign with activated blank-out sign (Exhibit A)
- ③ Install 170E Controller (Exhibit B)
- ④ Install pedestrian countdown insert indication (Exhibit C)

INT ID
55

GROUP 2: FASHION VALLEY RD & FRIARS RD
EXISTING CONDITIONS FOR COUNTERMEASURES S2 & S19



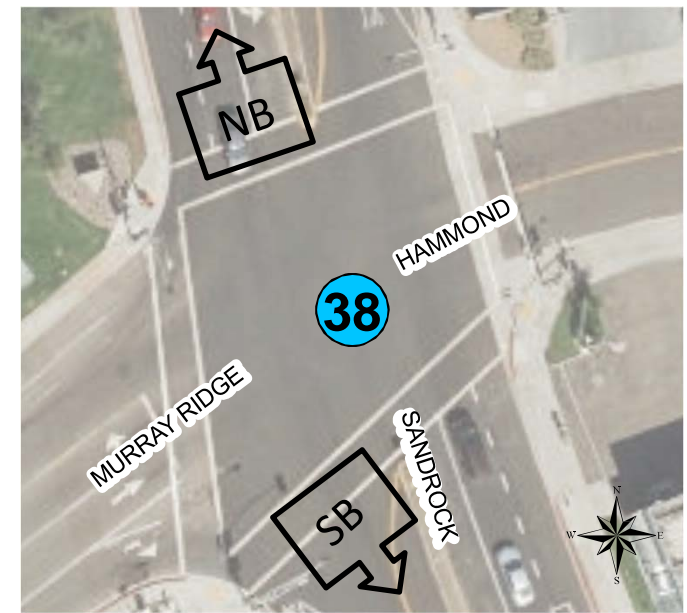
INT ID
55

GROUP 2: FASHION VALLEY RD & FRIARS RD
EXISTING CONDITIONS FOR COUNTERMEASURES S2 & S19

HSIP Project Intersections: Group 3

11-San Diego-1

INT ID	Project Locations	Improvements (CM S2 & S20)		
		Activated Blank Out Signs (direction)	170 E Controller (needed for sign)	High Visibility Crosswalk (qty-legs)
6	7TH AV & UNIVERSITY AV	EB-RT, WB-RT	Y	2
8	10TH AV & E ST	EB-LT	N	4
9	10TH AV & MARKET ST	WB-RT	N	2
15	52ND ST & EL CAJON BL	EB-RT, WB-RT	Y	1
25	EL CAJON BL & WINONA AV	EB-RT, WB-RT	Y	2
28	FRONT ST & WASHINGTON ST	EB-RT, WB-RT	Y	4
30	HAMMOND DR & SANDROCK RD	ALL-RT	Y	4
31	INGRAHAM ST & PACIFIC BEACH DR	NB-RT, SB-RT	Y	4
39	6TH AV & EL PRADO/LAUREL ST	NB-RT, SB-RT	Y	4
50	CLAIREMONT DR & UTE DR	ALL-RT	Y	4
54	EUCLID AV & HOME AV	NB-RT	N	2
57	G ST & KETTNER BL	SB-RT	N	4
65	SWIFT AV & UNIVERSITY AV	EB-RT, WB-RT	Y	4

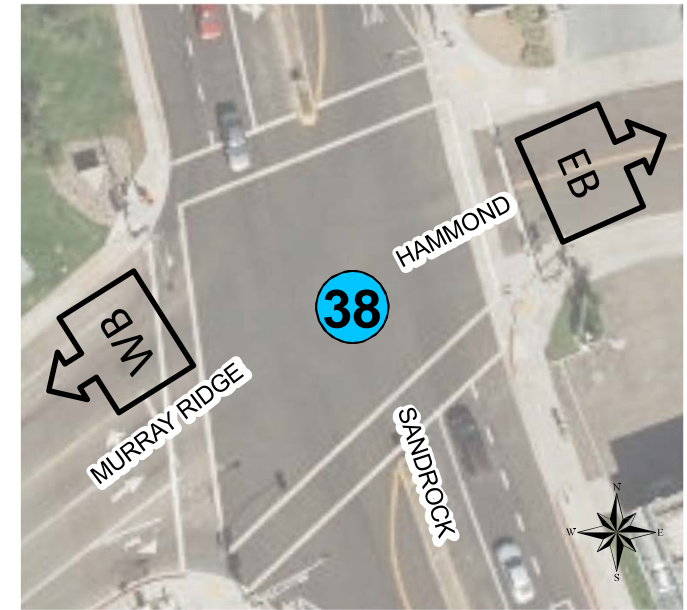


Proposed Improvements

- ① Install activated blank-out sign (R3-1) (Exhibit A)
- ③ Install 170E Controller (Exhibit B)
- ⑦ Install high visibility crosswalks (Exhibit F)

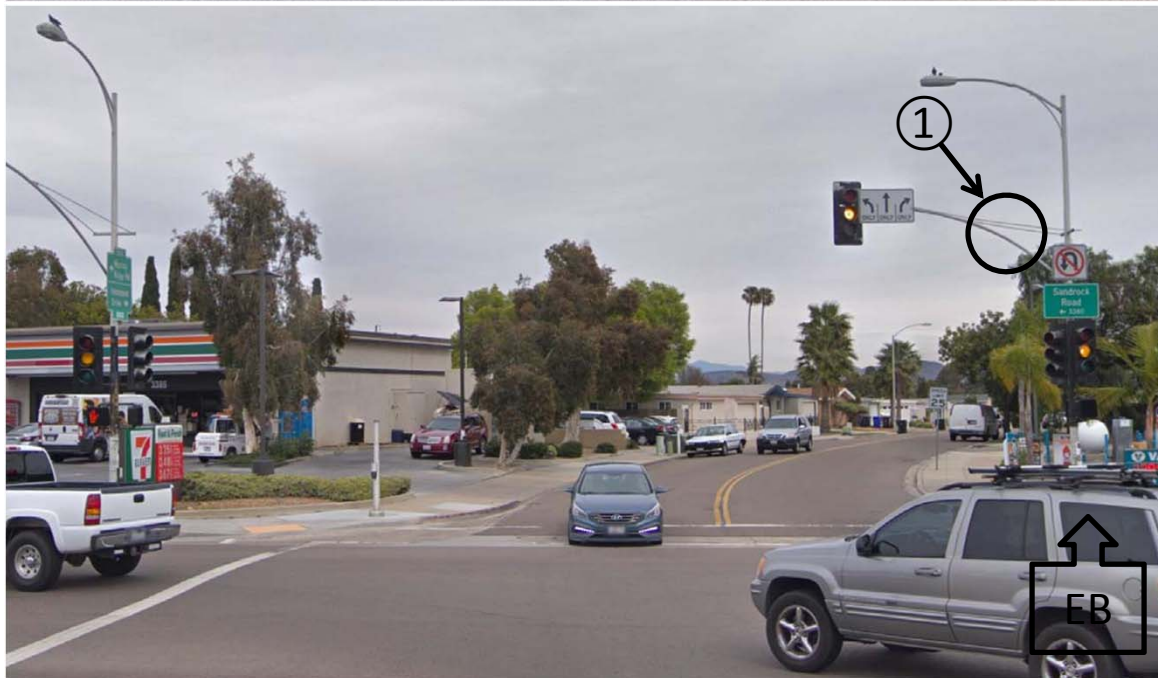
INT ID
30

GROUP 3: HAMMOND DR & SANDROCK ST
EXISTING CONDITIONS FOR COUNTERMEASURES S2 & S20



Proposed Improvements

- ① Install activated blank-out sign (R3-1) (Exhibit A)

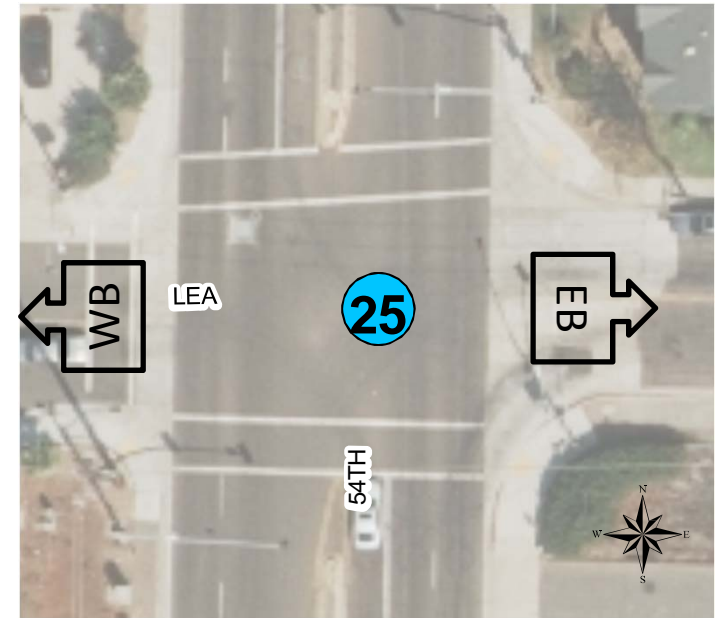


INT ID
30

GROUP 3: HAMMOND DR & SANDROCK ST
EXISTING CONDITIONS FOR COUNTERMEASURES S2 & S20

HSIP Project Intersections: Group 4**11-San Diego-1**

INT ID	Project Locations	Improvements (CM S2)	
		Activated Blank Out Signs (direction)	170 E Controller (needed for sign)
12	11TH AV & MARKET ST	NB-LT	N
16	52ND ST & UNIVERSITY AV	EB-RT, WB-RT	N
17	54TH ST & LEA ST	NB-RT, SB-RT	Y
20	B ST & PARK BL	SB-RT	N
27	EUCLID AV & NARANJA ST	NB-RT, SB-RT	N
29	GARNET AV & MISSION BL	NB-RT, SB-RT	Y
37	5TH AV & UNIVERSITY AV	ALL-RT	Y
38	5TH AV & WASHINGTON ST	EB-RT	Y
49	CHATSWORTH BL & NARRAGANSETT AV	ALL-RT	N
52	DEEP DELL RD & PARADISE VALLEY RD	EB-RT, WB-RT	Y
59	JUAN ST & TAYLOR ST	EB-RT, WB-RT	N



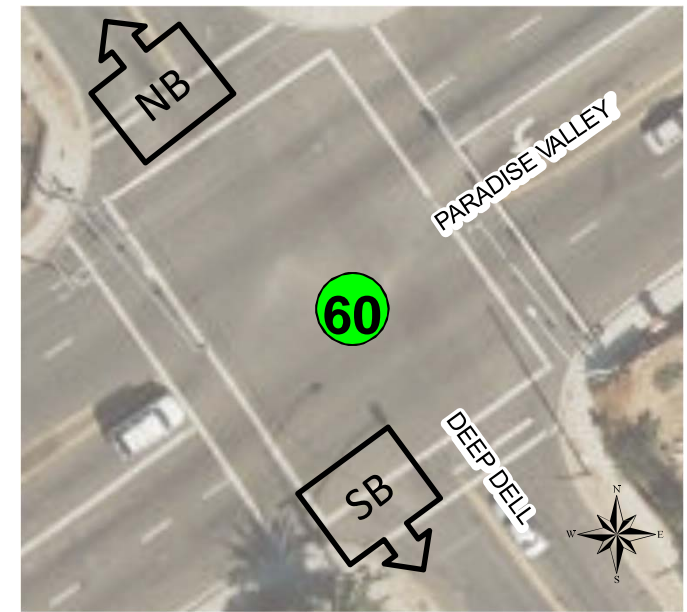
Proposed Improvements

- ① Install activated blank-out sign (R3-1) (Exhibit A)
- ③ Install 170E Controller (Exhibit B)



INT ID
17

GROUP 4: 54TH ST & LEA ST
EXISTING CONDITIONS FOR COUNTERMEASURE S2



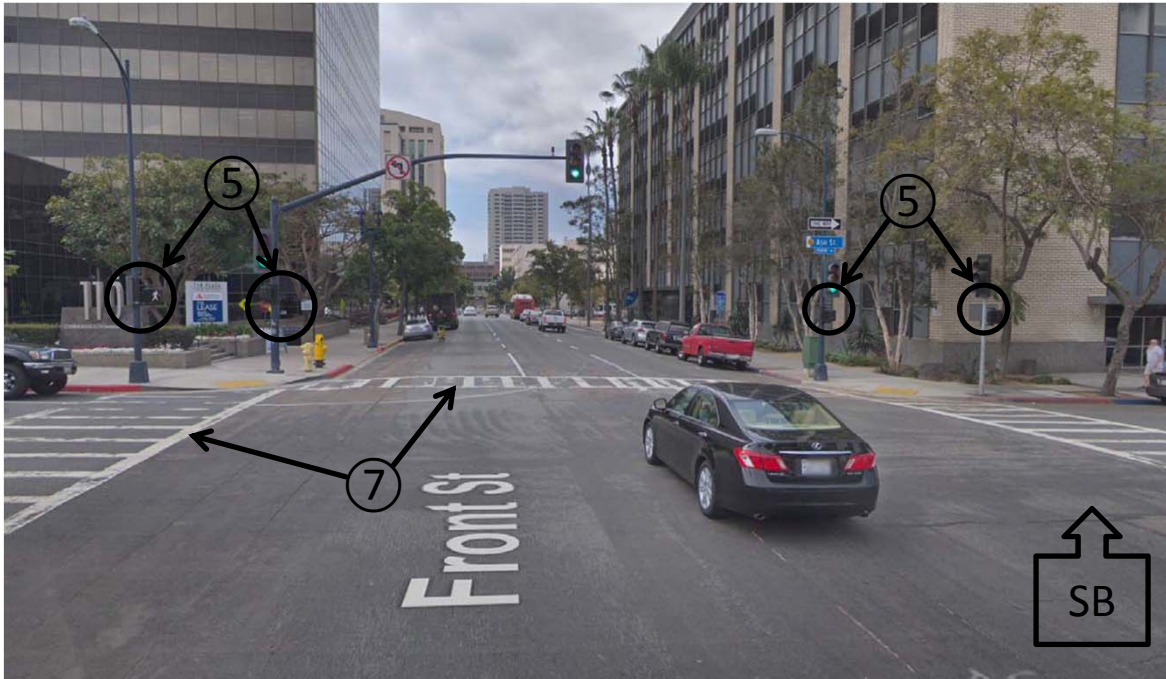
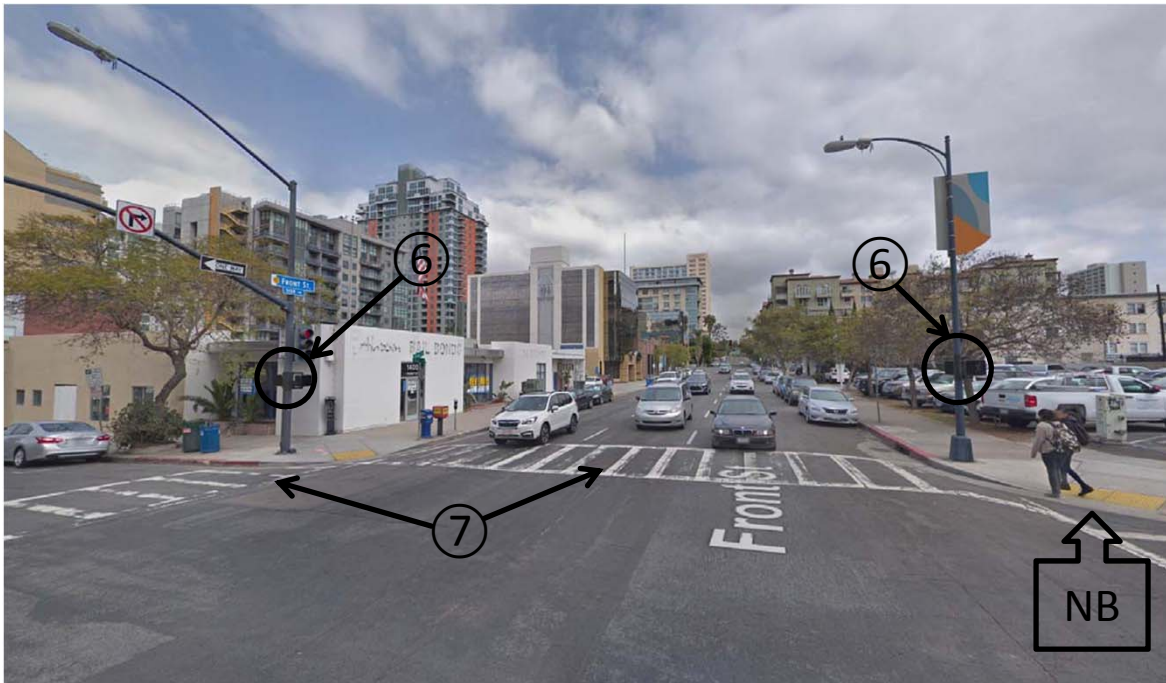
Proposed Improvements

- ② Replace existing R3-1 sign with activated blank-out sign (Exhibit A)
- ③ Install 170E Controller (Exhibit B)

INT ID
52

GROUP 4: DEEP DELL RD AND PARADISE VALLEY RD
EXISTING CONDITIONS FOR COUNTERMEASURE S2

HSIP Project Intersections: Group 5 11-San Diego-1			
INT ID	Project Locations	Improvements (CM S19, & S20)	
		High Visibility Crosswalk (qty-legs)	Pedestrian Countdown Timer Inserts (qty)
1	4TH AV & A ST	4	8
19	A ST & COLUMBIA ST	4	8
21	BEECH ST & FRONT ST	3	8
34	W ASH ST & FRONT ST	4	4 singular face heads & 2 double face heads

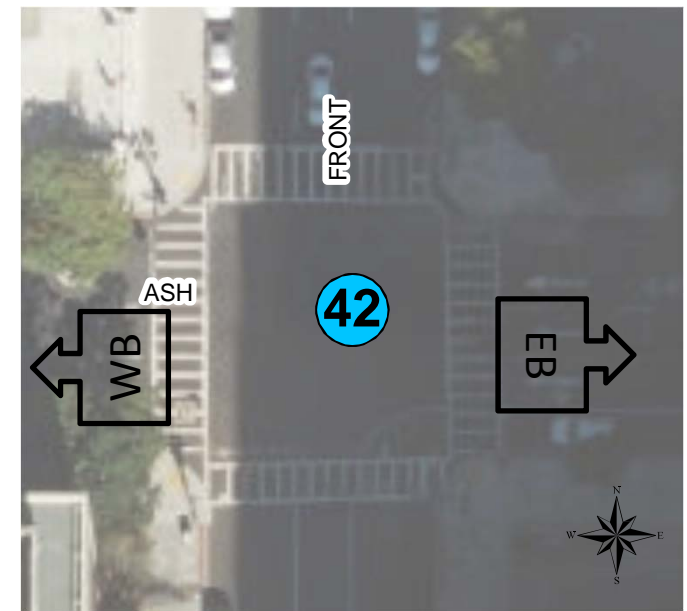


Proposed Improvements

- ⑤ Install pedestrian signal head (SP-1-T) with countdown timer insert indication (Exhibit D)
- ⑥ Install pedestrian signal head (SP-2-T) with countdown timer insert indication (Exhibit E)
- ⑦ Install high visibility crosswalks (Exhibit F)

INT ID
34

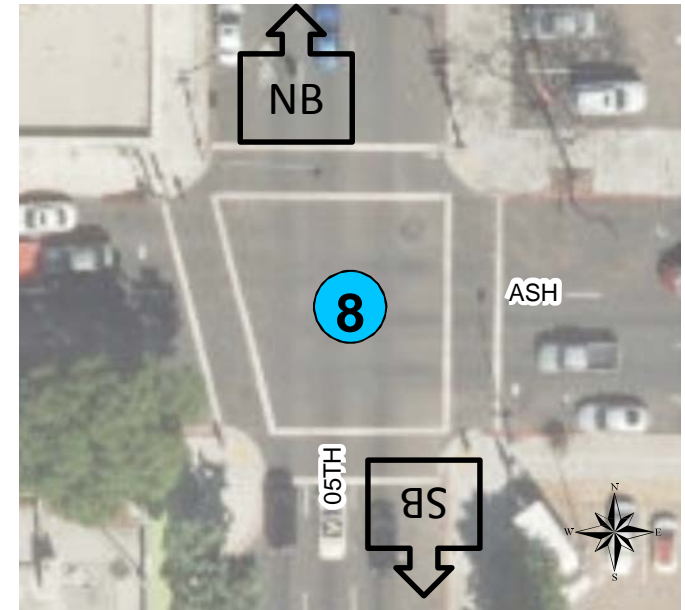
GROUP 5: WASH ST & FRONT ST
EXISTING CONDITIONS FOR COUNTERMEASURES S19 & S20



INT ID
34

GROUP 5: WASH ST & FRONT ST
EXISTING CONDITIONS FOR COUNTERMEASURES S19 & S20

HSIP Project Intersections: Group 6		
11-San Diego-1		
INT ID	Project Locations	Improvements (CM S20)
		High Visibility Crosswalk (qty- legs)
4	5TH AV & ASH ST	4
10	11TH AV & C ST	4
11	11TH AV & G ST	2



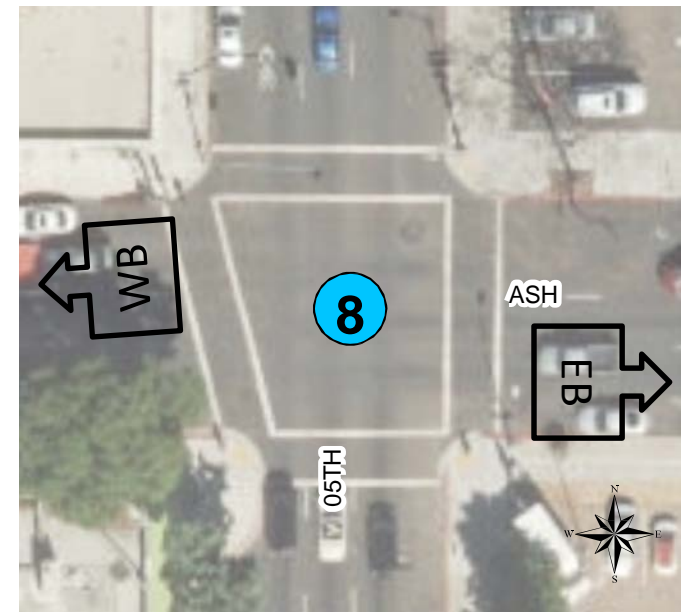
Proposed Improvements

- ⑦ Install high visibility crosswalks (Exhibit F)



INT ID
4

GROUP 6: 5TH AV & ASH ST
EXISTING CONDITIONS FOR COUNTERMEASURES S20



Proposed Improvements

- ⑦ Install high visibility crosswalks (Exhibit F)



INT ID
4

GROUP 6: 5TH AV & ASH ST
EXISTING CONDITIONS FOR COUNTERMEASURES S20

HSIP Project Intersections: Group 1

Collision Diagrams



Collision Lists & Diagrams

The criteria that is used to filter the crash data in the lists of diagrams are as follows:

- I. Left turning movement on permissive left turn phase versus a crossing pedestrian in marked crosswalk
- II. Right turning movement on a red light versus a crossing pedestrian in a marked crosswalk

The following locations represent locations with implemented LPIs and no crash data fitting the criteria used for this application:

- 1st Ave & Washington St
- 5th Ave & University Av
- 32nd St & Norman Scott Rd
- Berino Ct & Regents Rd
- Beryl St & Noyes St
- Black Mountain Rd & Oviedo St
- Camino Del Sur & Park Village Rd
- Carmel Country Rd & McGuire Dr
- Carmel Mountain Rd & Harvest Run Dr
- Catalina Bl & Chatsworth Bl
- Catalina Bl & Point Loma Av
- Chatsworth Bl & Narragansett Av
- Clairemont Dr & Ute Dr
- Coronado Av & Green Bay St
- Euclid Av & Home Av
- Fashion Valley Rd & Friars Rd
- G St & Kettner Bl
- Linda Vista Rd & Wheatley St
- Mission Bl & Turquoise St
- Navajo Rd & Park Ridge Bl
- Park Village Rd & Rumex Ln
- W Laurel St & Pacific Hy

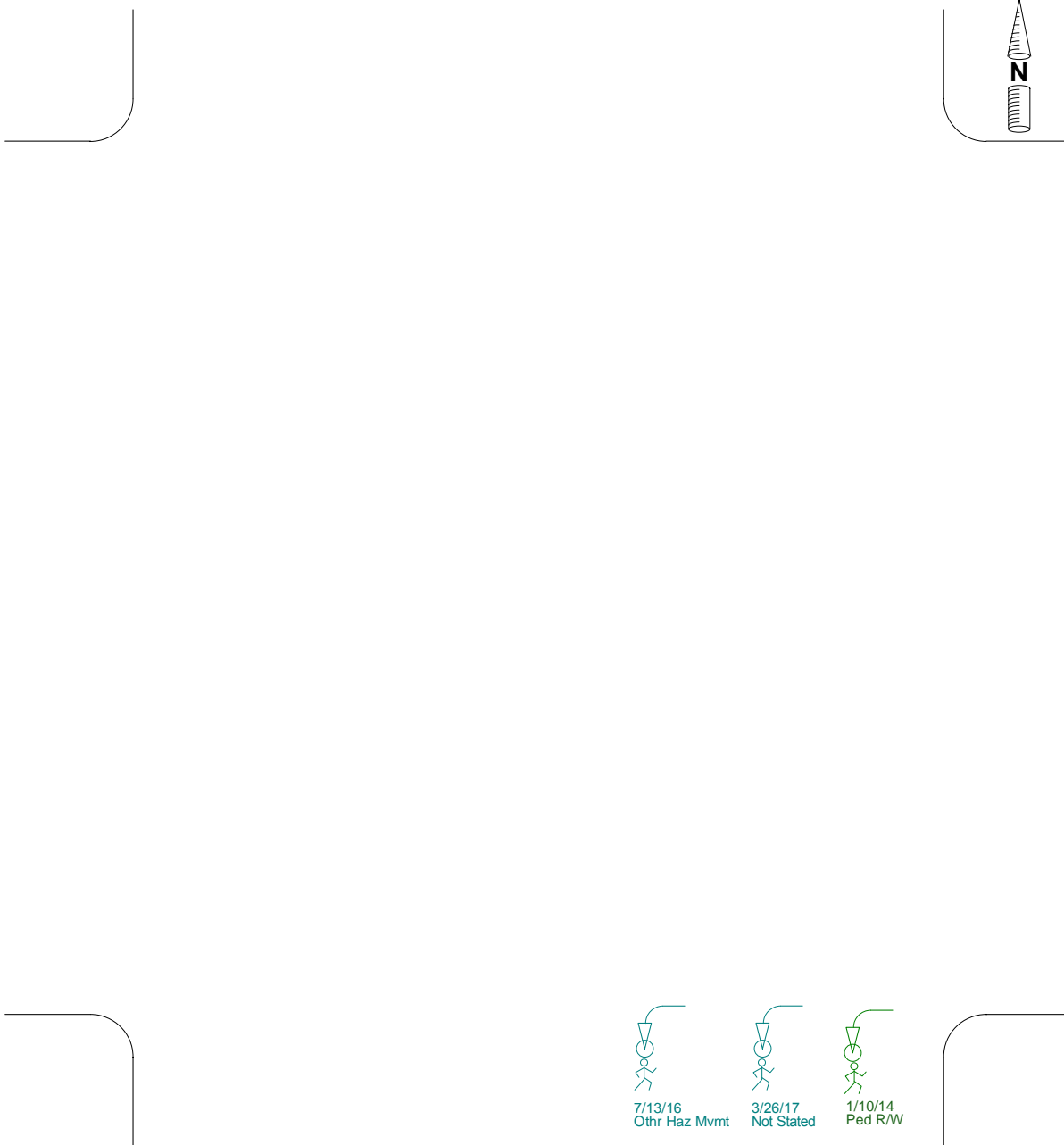
Collision Diagram

Horizontal Street: ELM ST

Vertical Street: 04TH AV

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/10/2018



Number of Collisions

0 Property Damage Only
3 Injury Collisions
0 Fatal Collisions
3 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

Collision Diagram

Horizontal Street: ELM ST

Vertical Street: 05TH AV

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/16/2018



9/15/15
Not Stated



11/17/15
Othr Haz Mtmt

Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

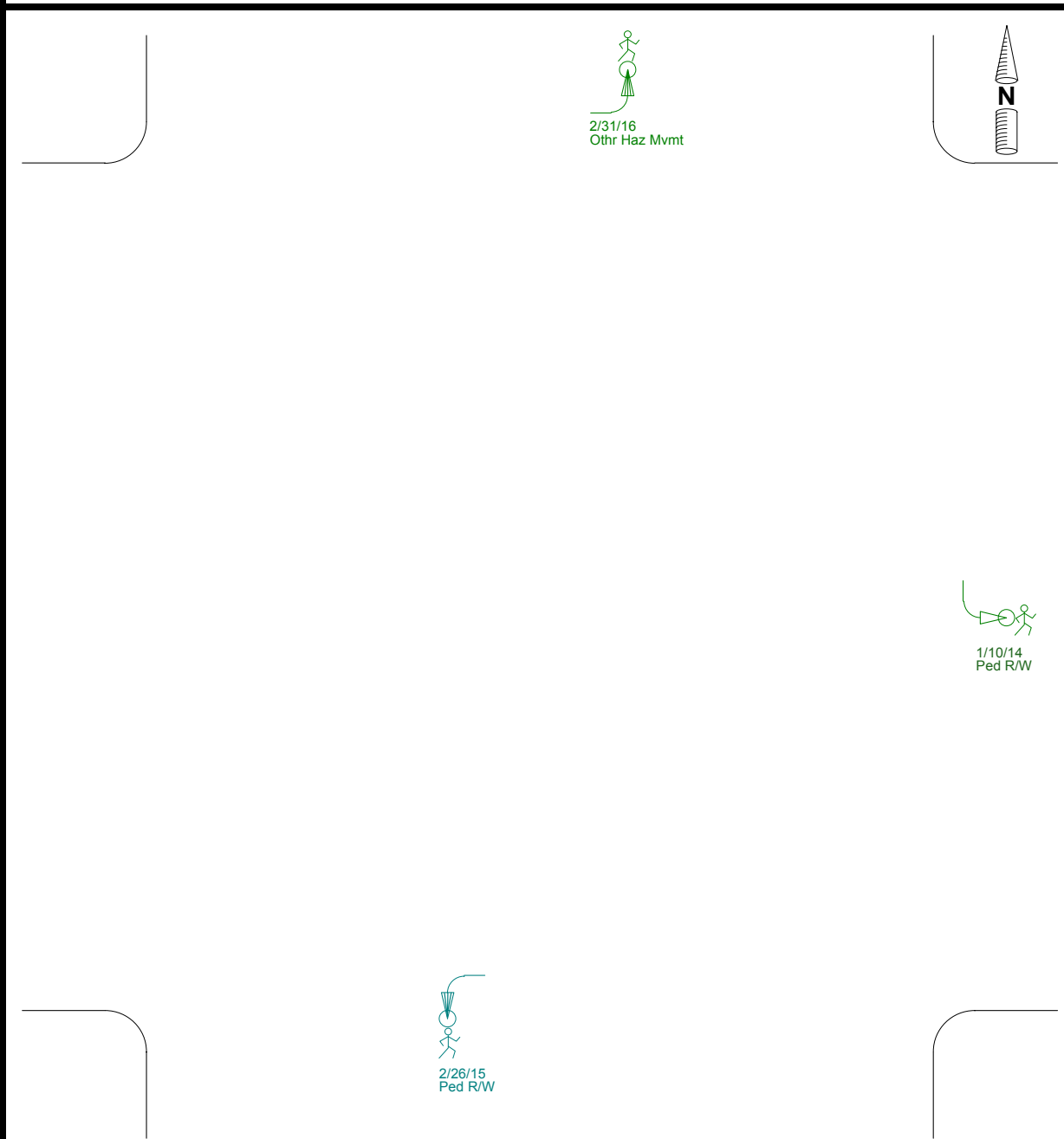
Collision Diagram

Horizontal Street: IMPERIAL AV

Vertical Street: 25TH ST

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
3 Injury Collisions
0 Fatal Collisions
3 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

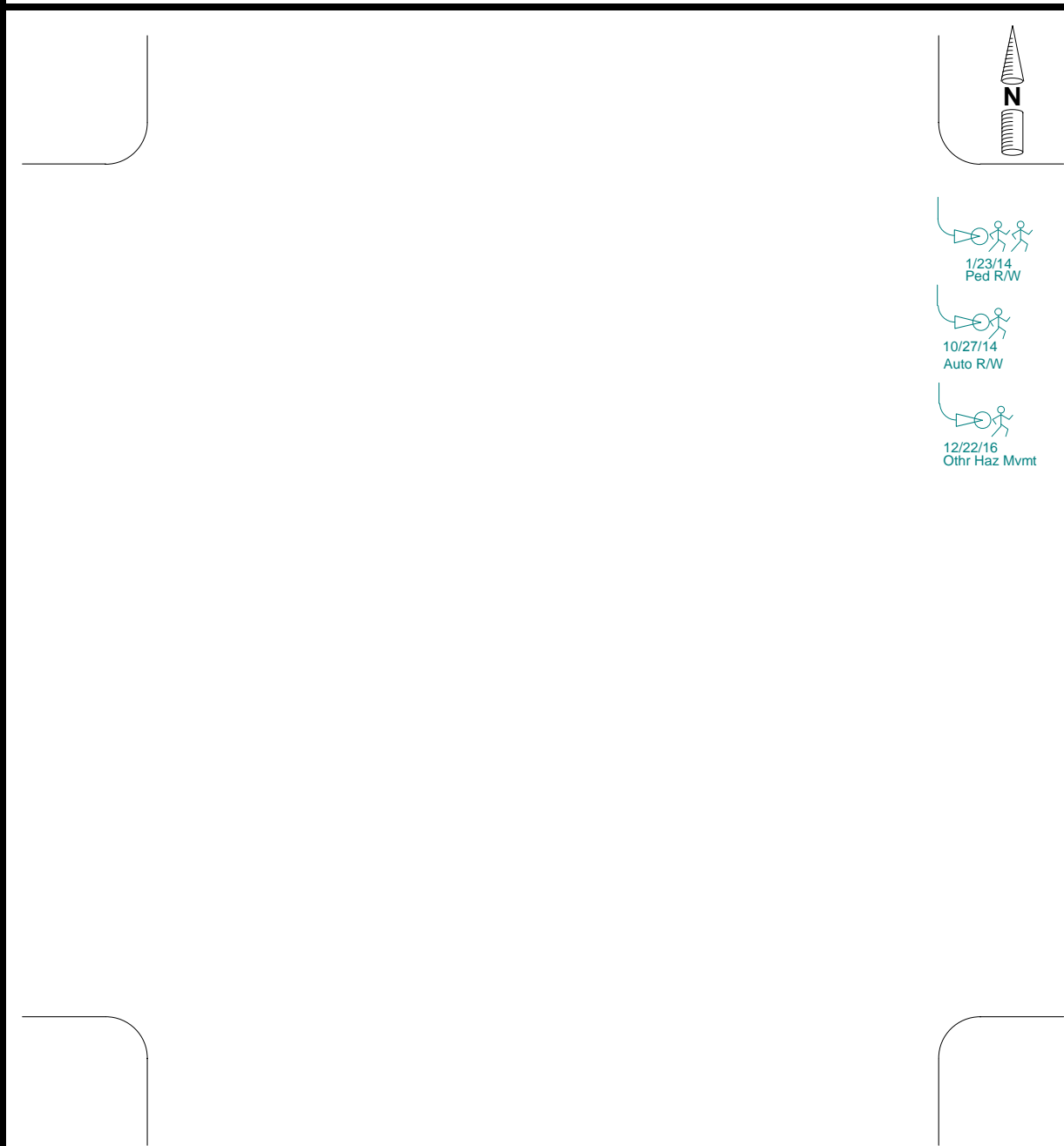
Collision Diagram

Horizontal Street: UNIVERSITY AV

From: 1/1/2014 To: 12/31/2017

Vertical Street: 39TH ST

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
3 Injury Collisions
0 Fatal Collisions
3 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

Collision Diagram

Horizontal Street: EL CAJON BL

From: 1/1/2014 To: 12/31/2017

Vertical Street: 62ND ST

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

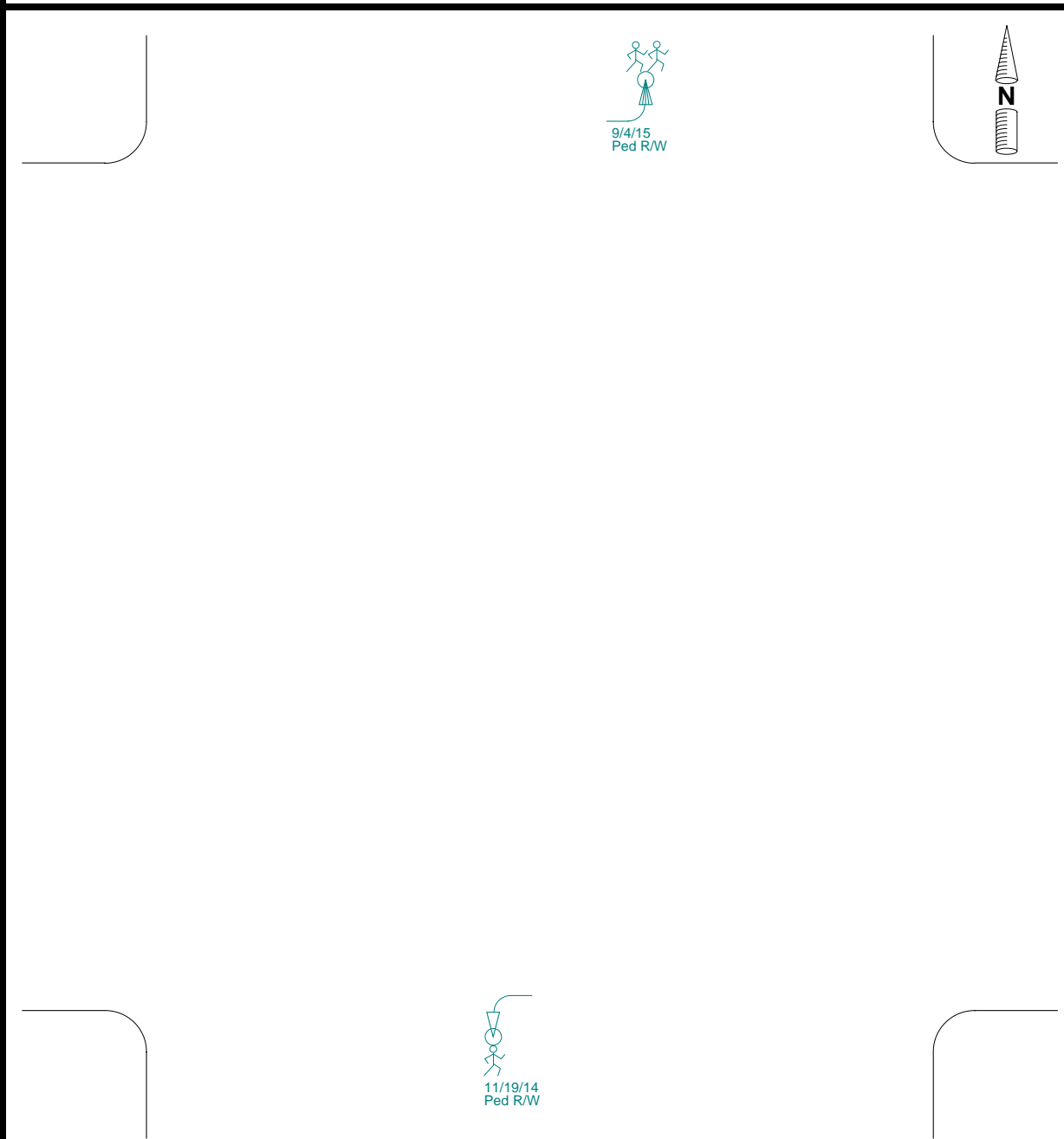
Collision Diagram

Horizontal Street: CAPRICORN WY

From: 1/1/2014 To: 12/31/2017

Vertical Street: CAM RUIZ

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

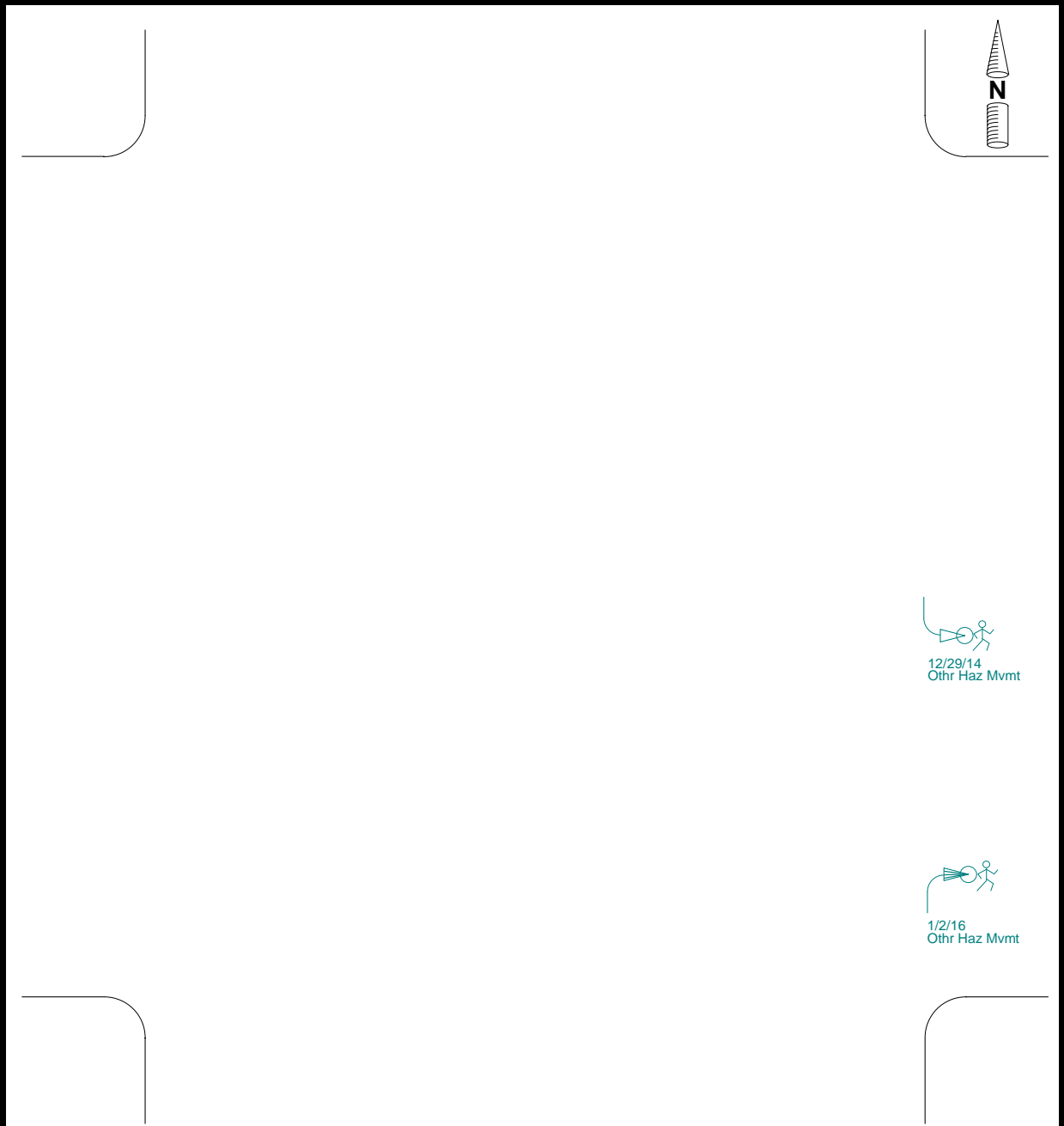
Collision Diagram

Horizontal Street: CARROLL CANYON RD

From: 1/1/2014 To: 12/31/2017

Vertical Street: MAYA LINDA RD

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

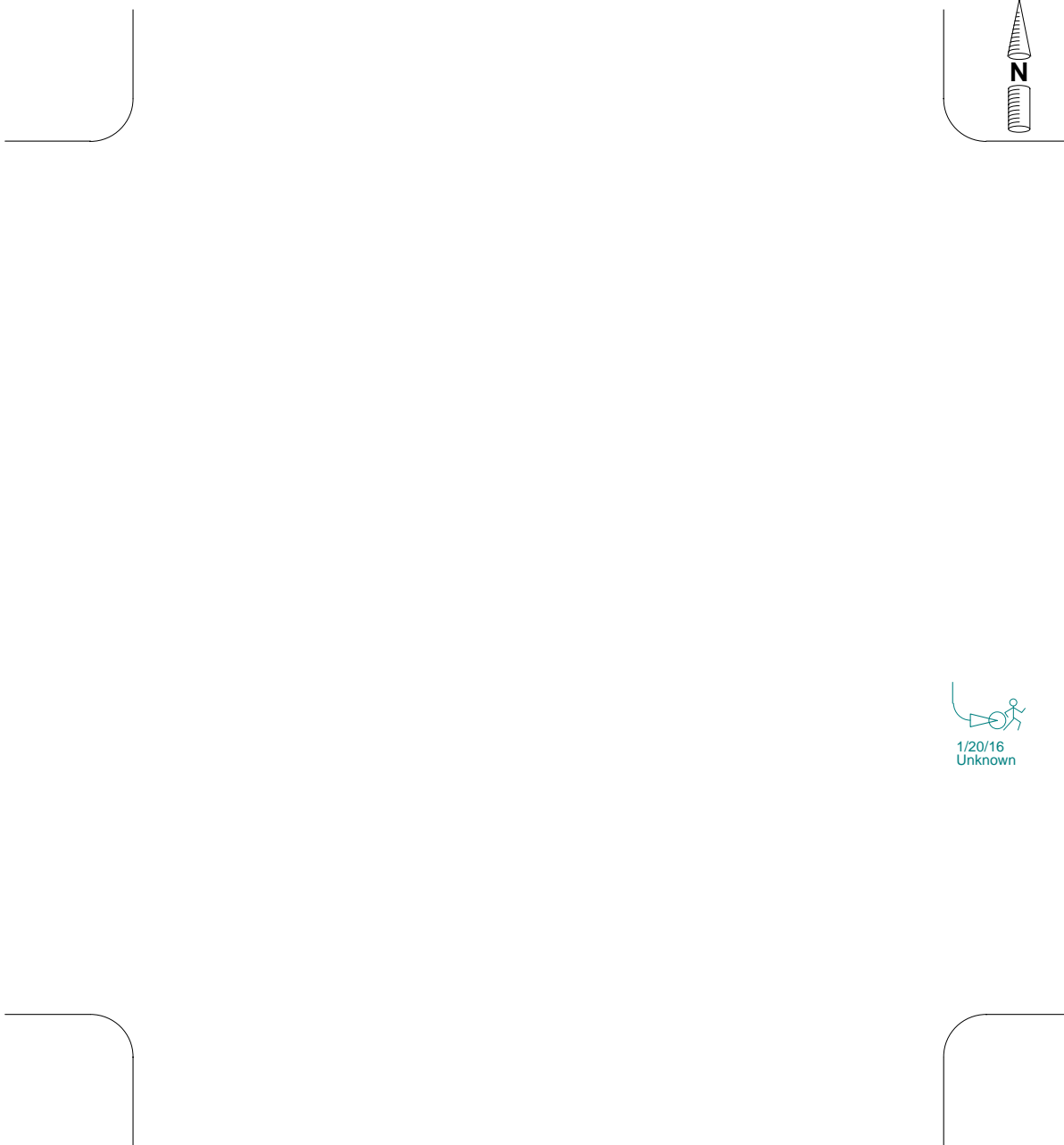
Collision Diagram

Horizontal Street: CLAIREMONT MESA BL

From: 1/1/2014 To: 12/31/2017

Vertical Street: ROLFE RD

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

Collision Diagram

Horizontal Street: ELM AV

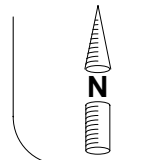
Vertical Street: SATURN BL

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/17/2018

8/19/14
Ped R/W

5/27/16
Auto R/W



Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

Collision Diagram

Horizontal Street: LAW ST

Vertical Street: MISSION BL

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/17/2018

8/5/15
Ped R/W



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

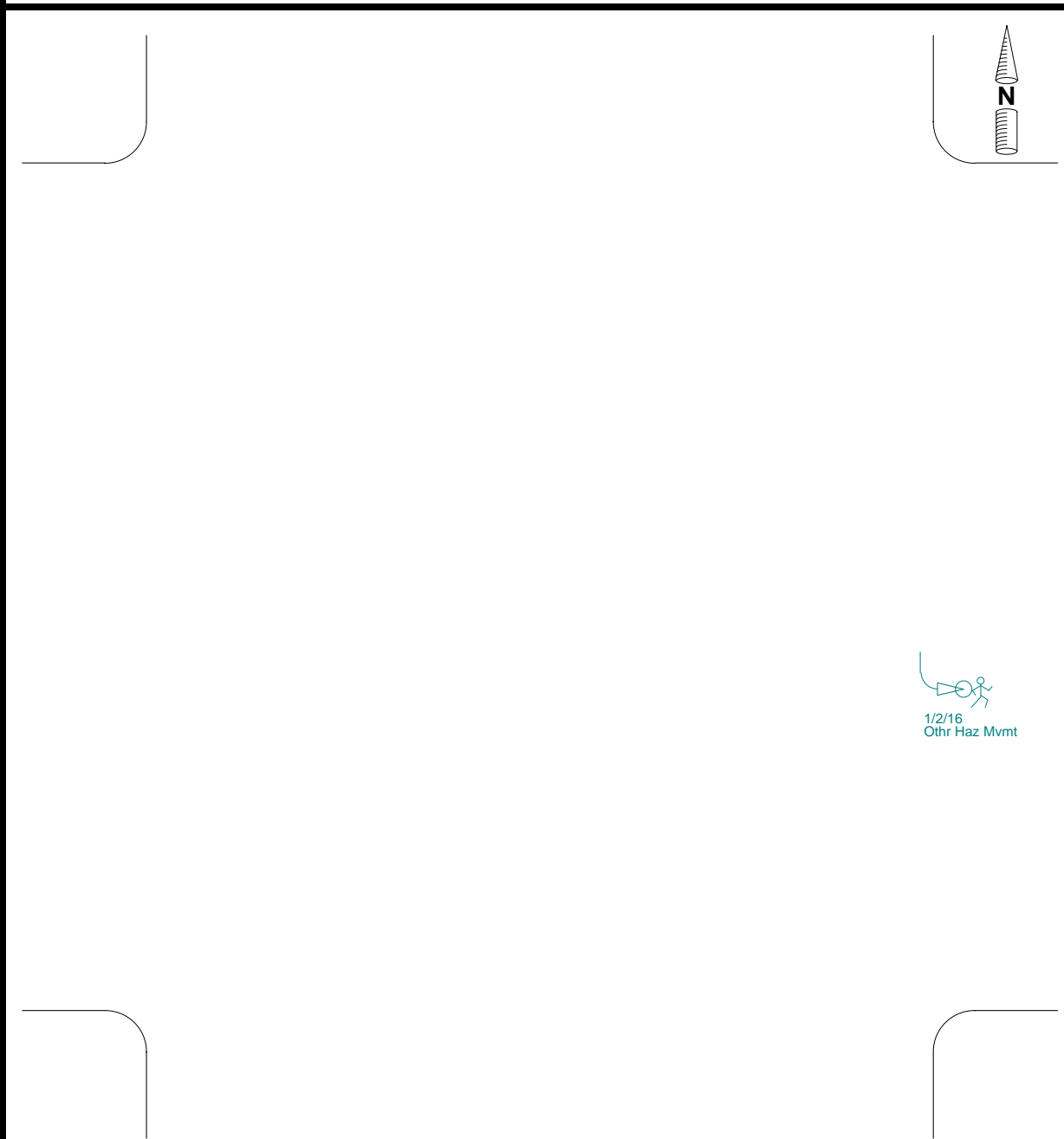
Collision Diagram

Horizontal Street: UNIVERSITY AV

From: 1/1/2014 To: 12/31/2017

Vertical Street: WILSON AV

Date Prepared: 7/17/2018













1/2/16
Othr Haz Mvmt







Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

 Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

 Right Turn
 Left Turn
 Sideswipe
 Day
 Night

 Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

Collision Diagram

Horizontal Street: GENESEE AV

From: 1/1/2014 To: 12/31/2017

Vertical Street: DERRICK DR

Date Prepared: 7/9/2018

7/1/15
Ped Viol

2/9/16
Othr Haz Mvmt



Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

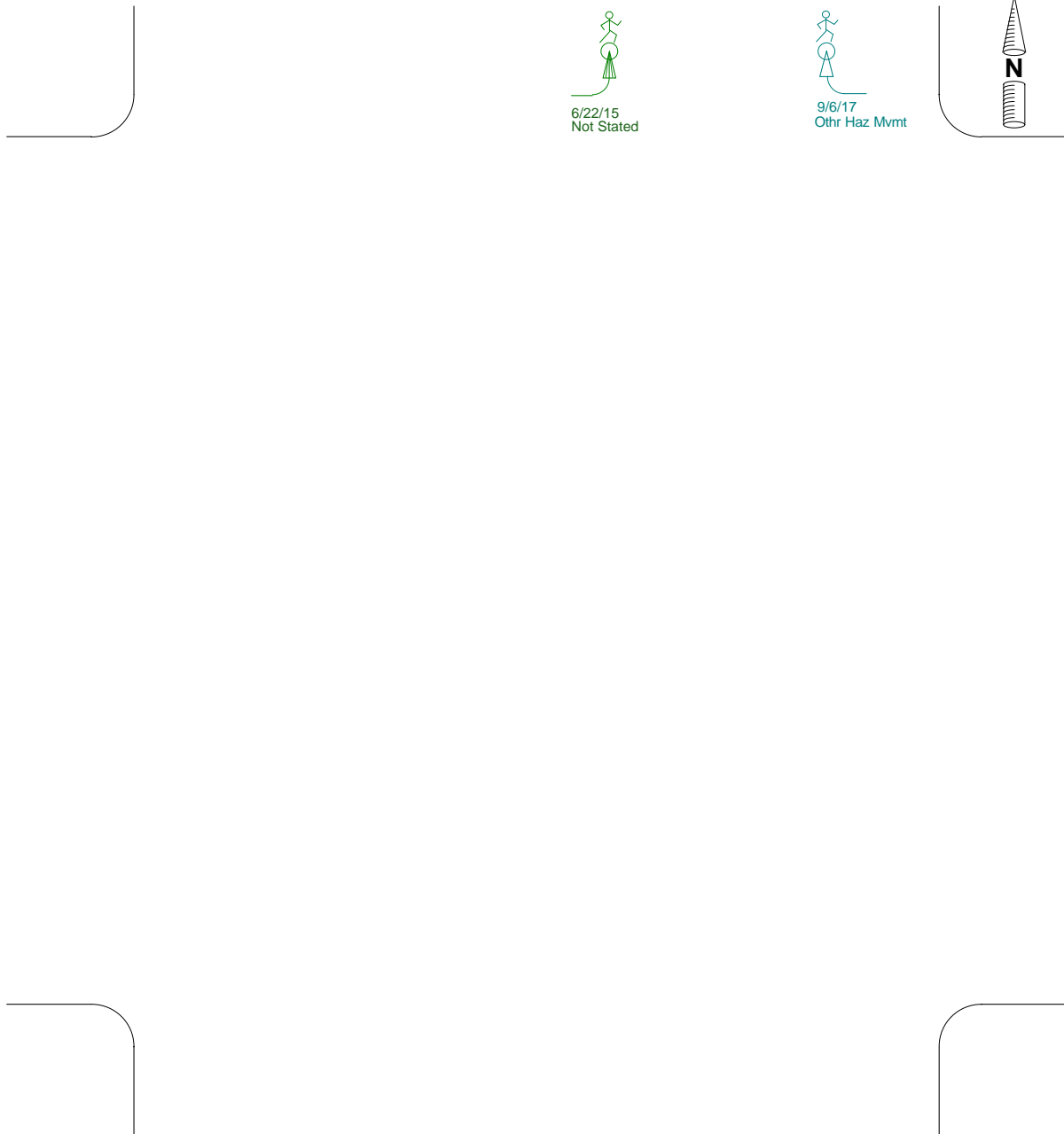
Collision Diagram

Horizontal Street: FULTON ST

Vertical Street: LINDA VISTA RD

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/10/2018



Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

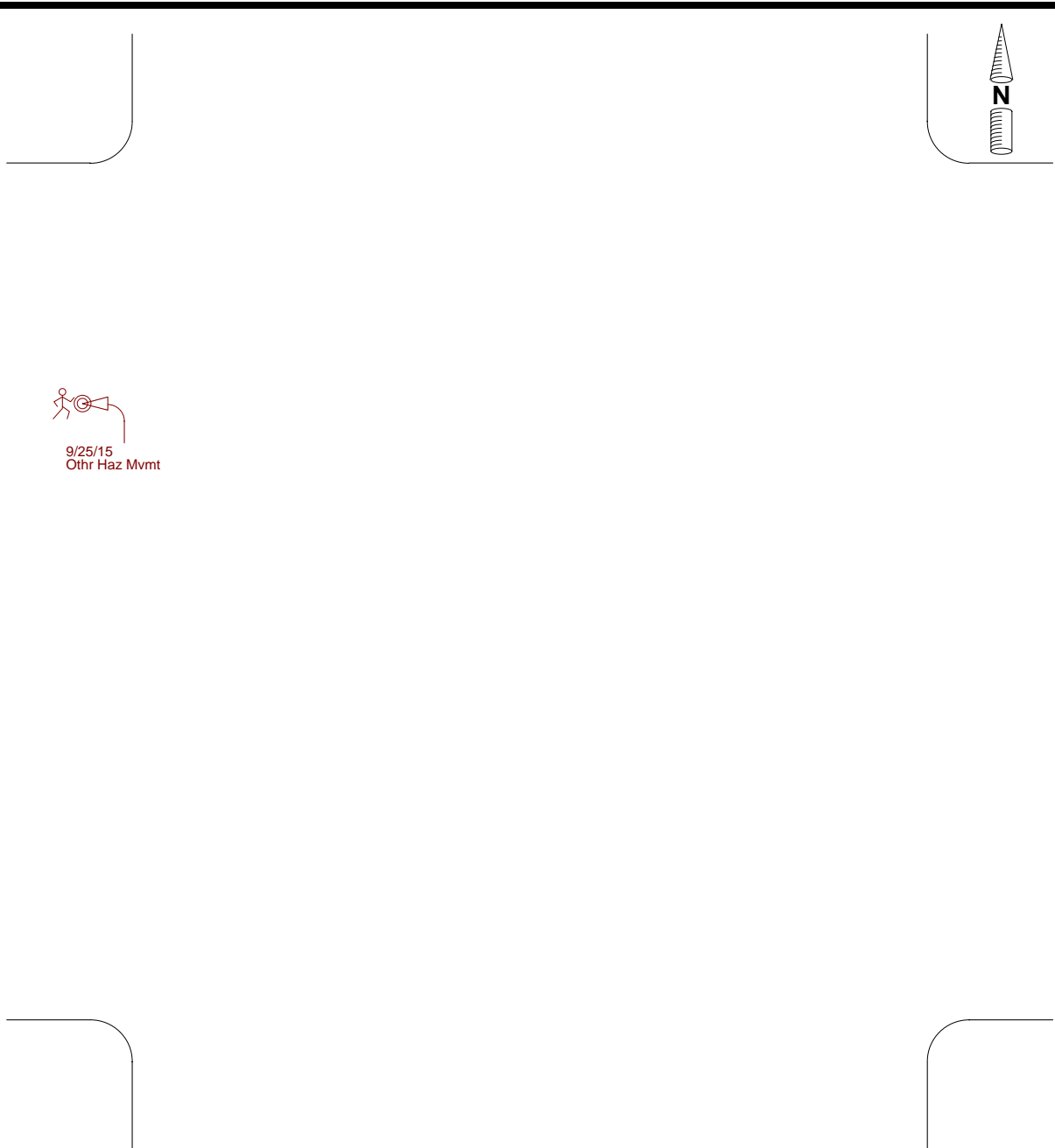
Collision Diagram

Horizontal Street: WASHINGTON ST

From: 1/1/2014 To: 12/31/2017

Vertical Street: INDIA ST

Date Prepared: 7/10/2018



Number of Collisions

0 Property Damage Only
0 Injury Collisions
1 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

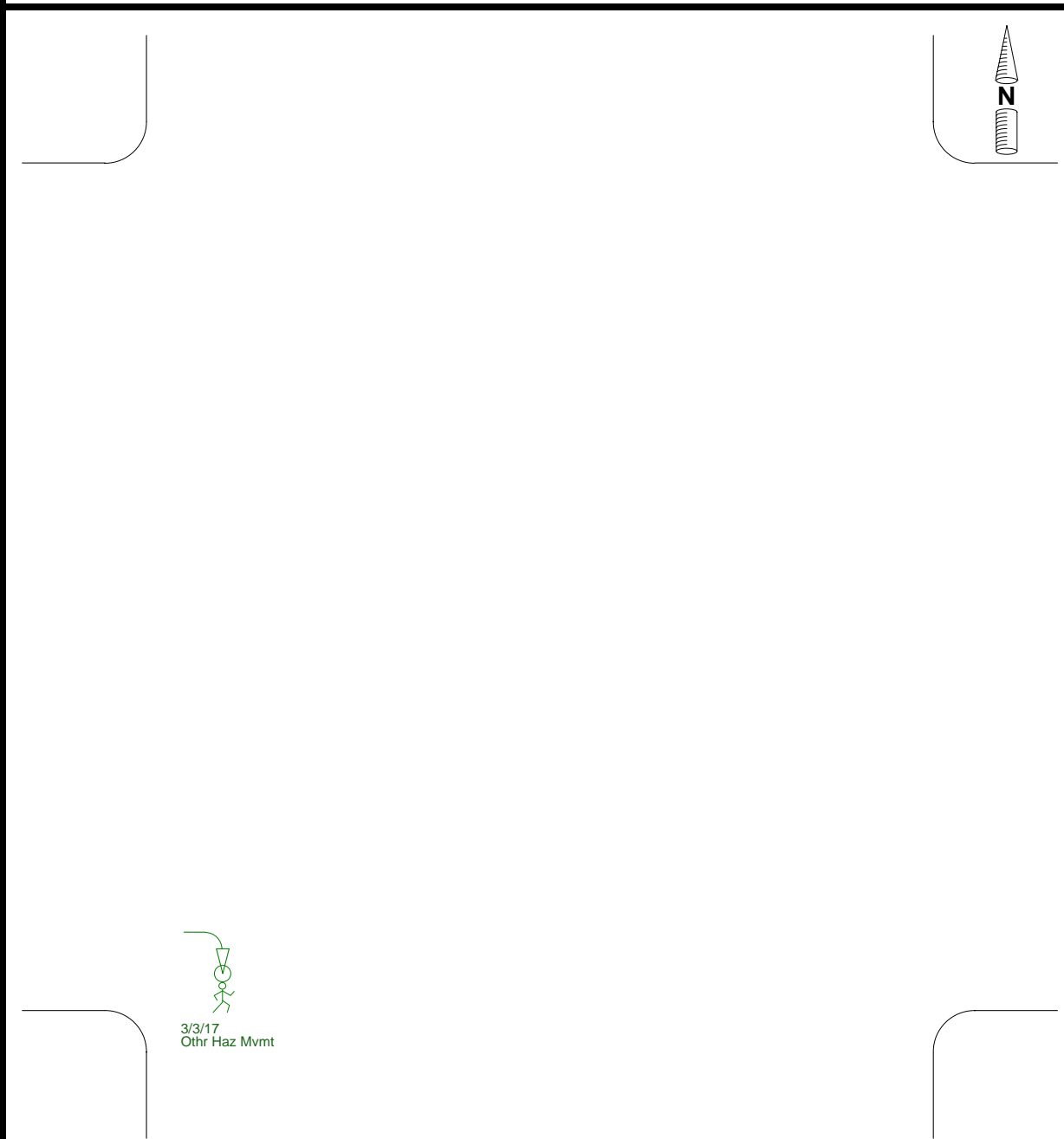
Collision Diagram

Horizontal Street: SHIELDS ST

From: 1/1/2014 To: 12/31/2017

Vertical Street: SANTO RD

Date Prepared: 7/10/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

HSIP Project Intersections: Group 2 Collision Diagrams



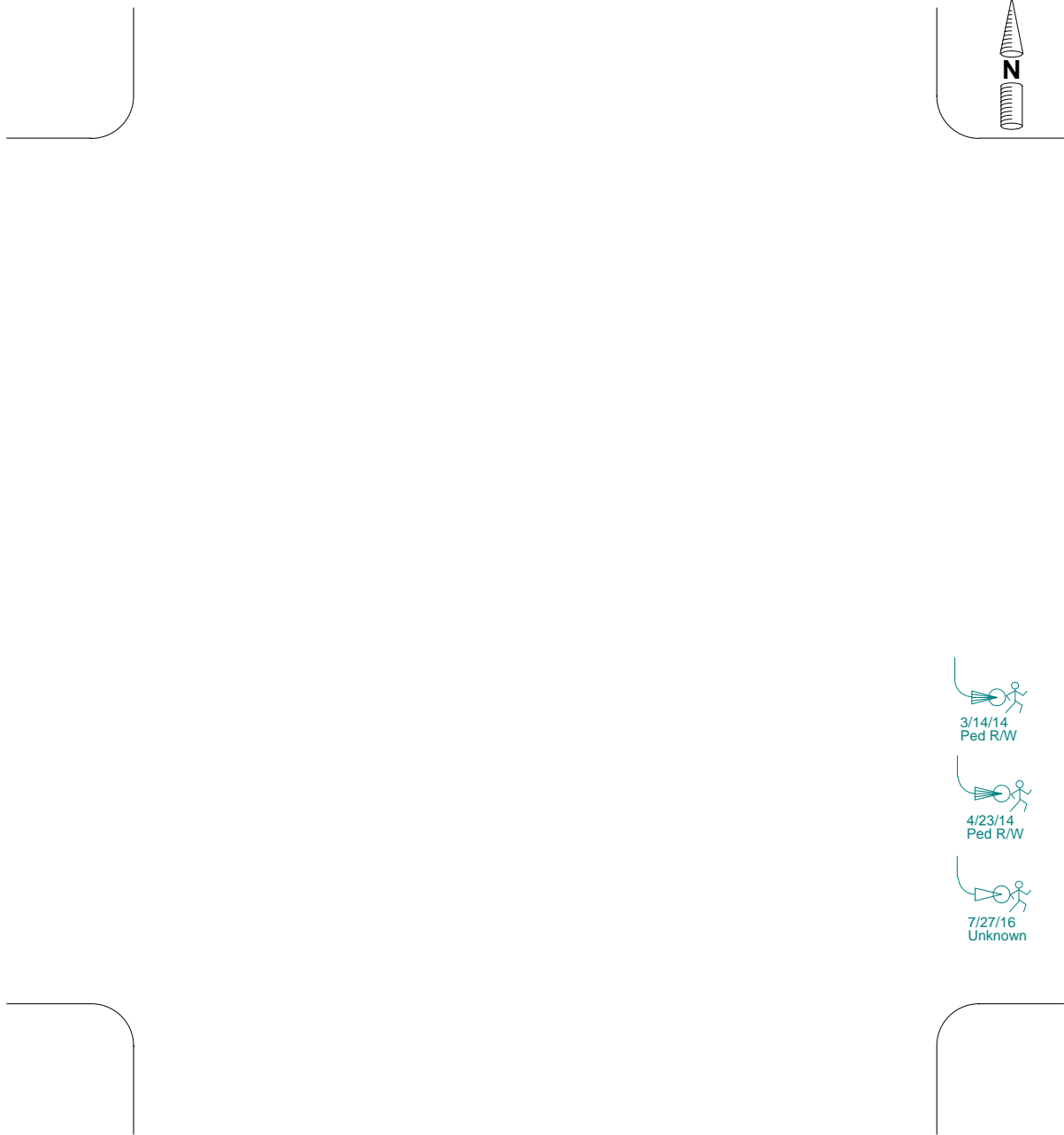
Collision Diagram

Horizontal Street: MARKET ST

Vertical Street: 04TH AV

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/16/2018



Number of Collisions

0 Property Damage Only
4 Injury Collisions
0 Fatal Collisions
4 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

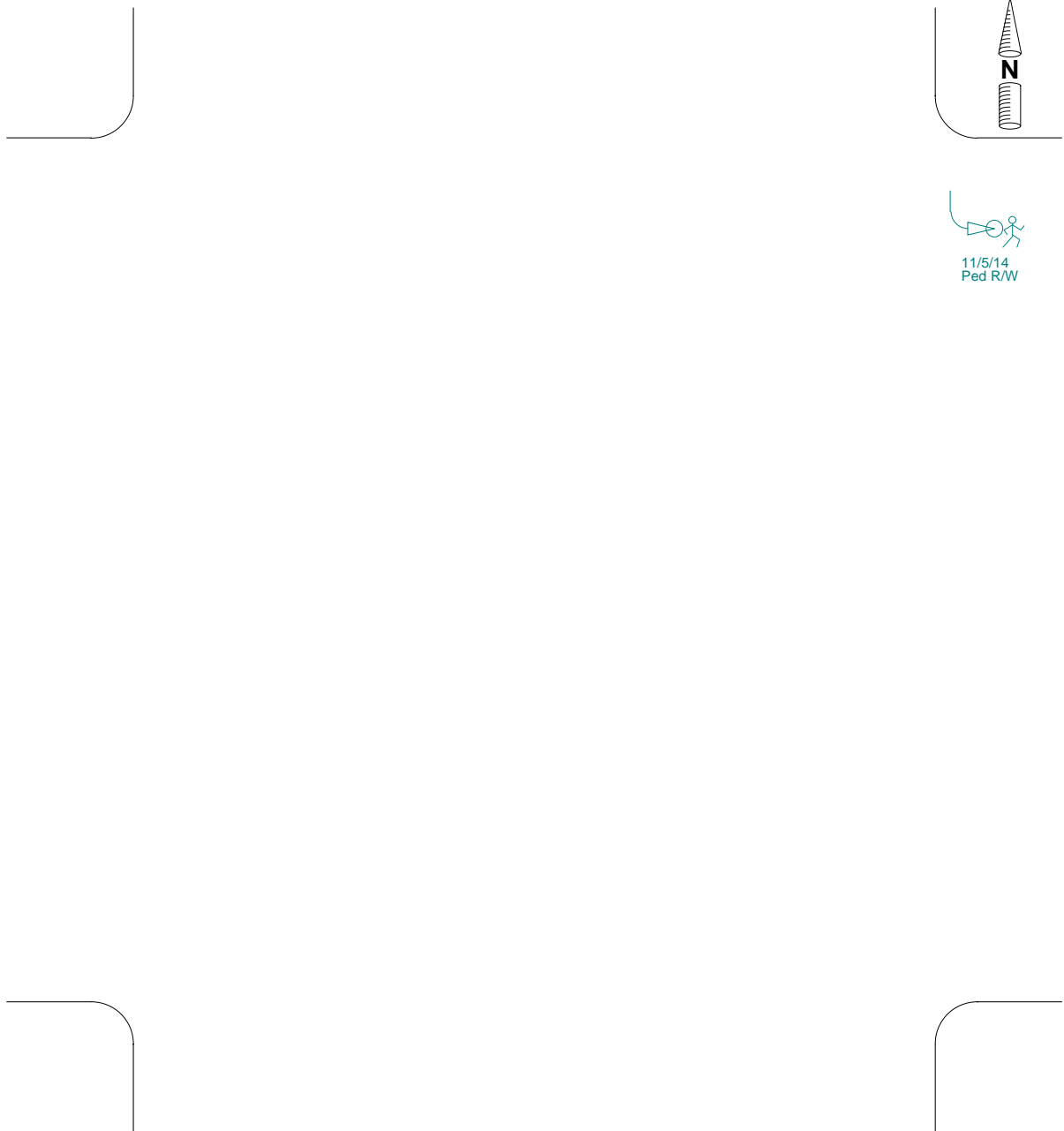
Collision Diagram

Horizontal Street: A ST

Vertical Street: 10TH AV

From: 1/1/2014 To: 12/31/2017






Date Prepared: 7/16/2018














Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

 Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

 Right Turn
 Left Turn
 Sideswipe
 Day
 Night

 Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

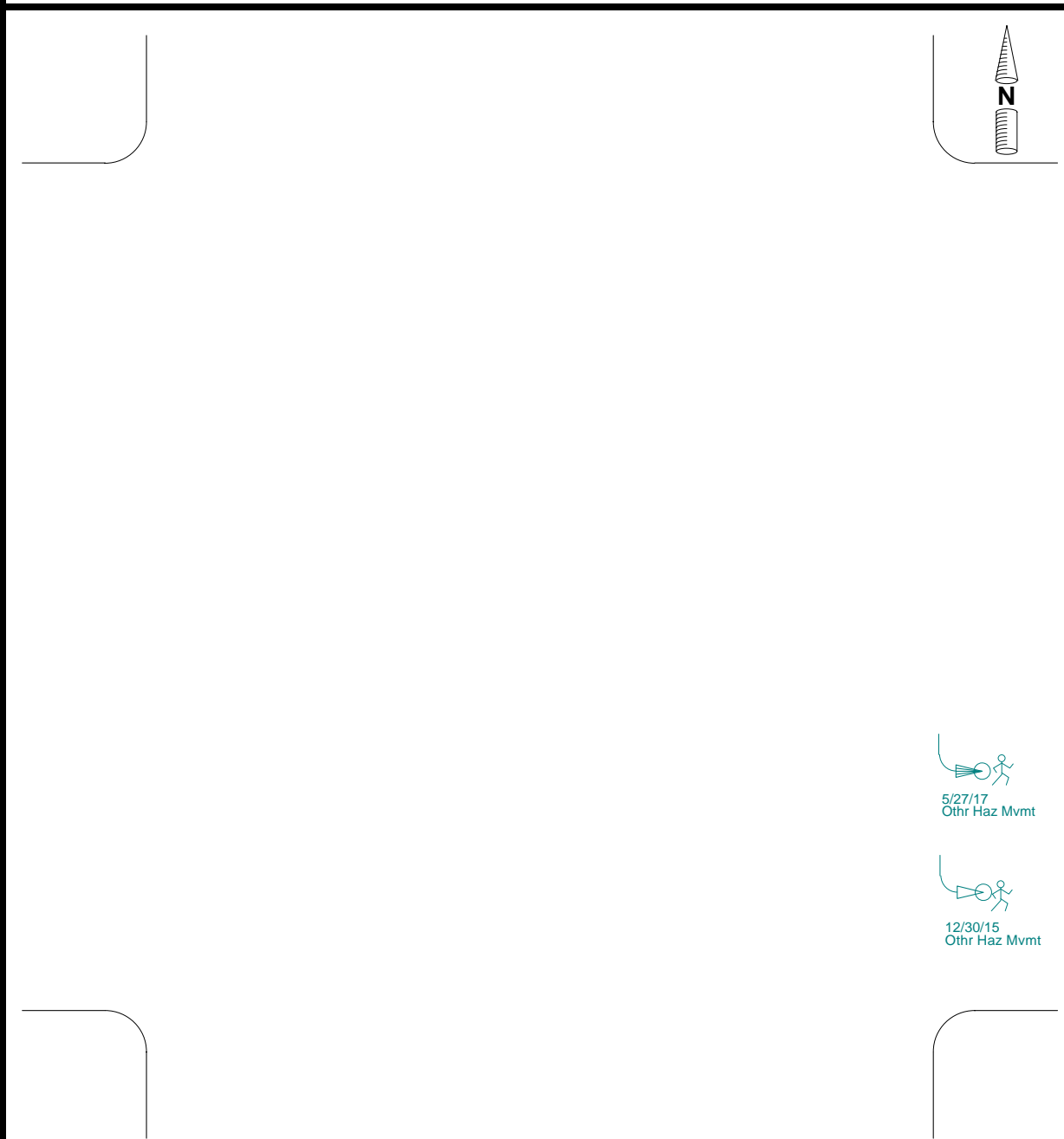
Collision Diagram

Horizontal Street: UNIVERSITY AV

From: 1/1/2014 To: 12/31/2017

Vertical Street: 04TH AV






Date Prepared: 7/9/2018














Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

 Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

 Right Turn
 Left Turn
 Sideswipe
 Day
 Night

 Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

HSIP Project Intersections: Group 3 Collision Diagrams



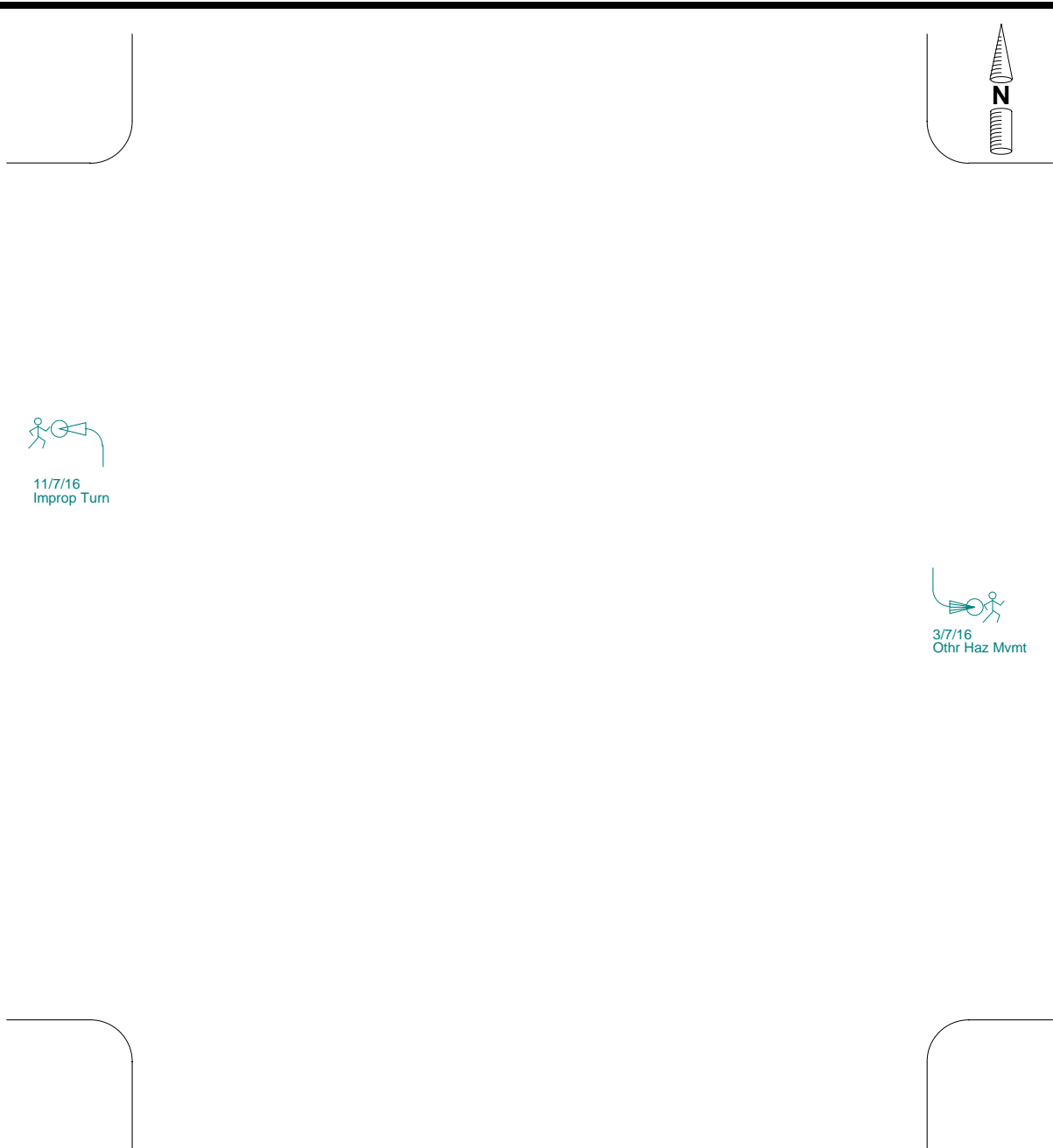
Collision Diagram

Horizontal Street: UNIVERSITY AV

From: 1/1/2014 To: 12/31/2017

Vertical Street: 07TH AV

Date Prepared: 7/16/2018



Number of Collisions

0 Property Damage Only
3 Injury Collisions
0 Fatal Collisions
3 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

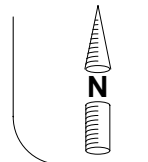
Collision Diagram

Horizontal Street: E ST

Vertical Street: 10TH AV

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/16/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

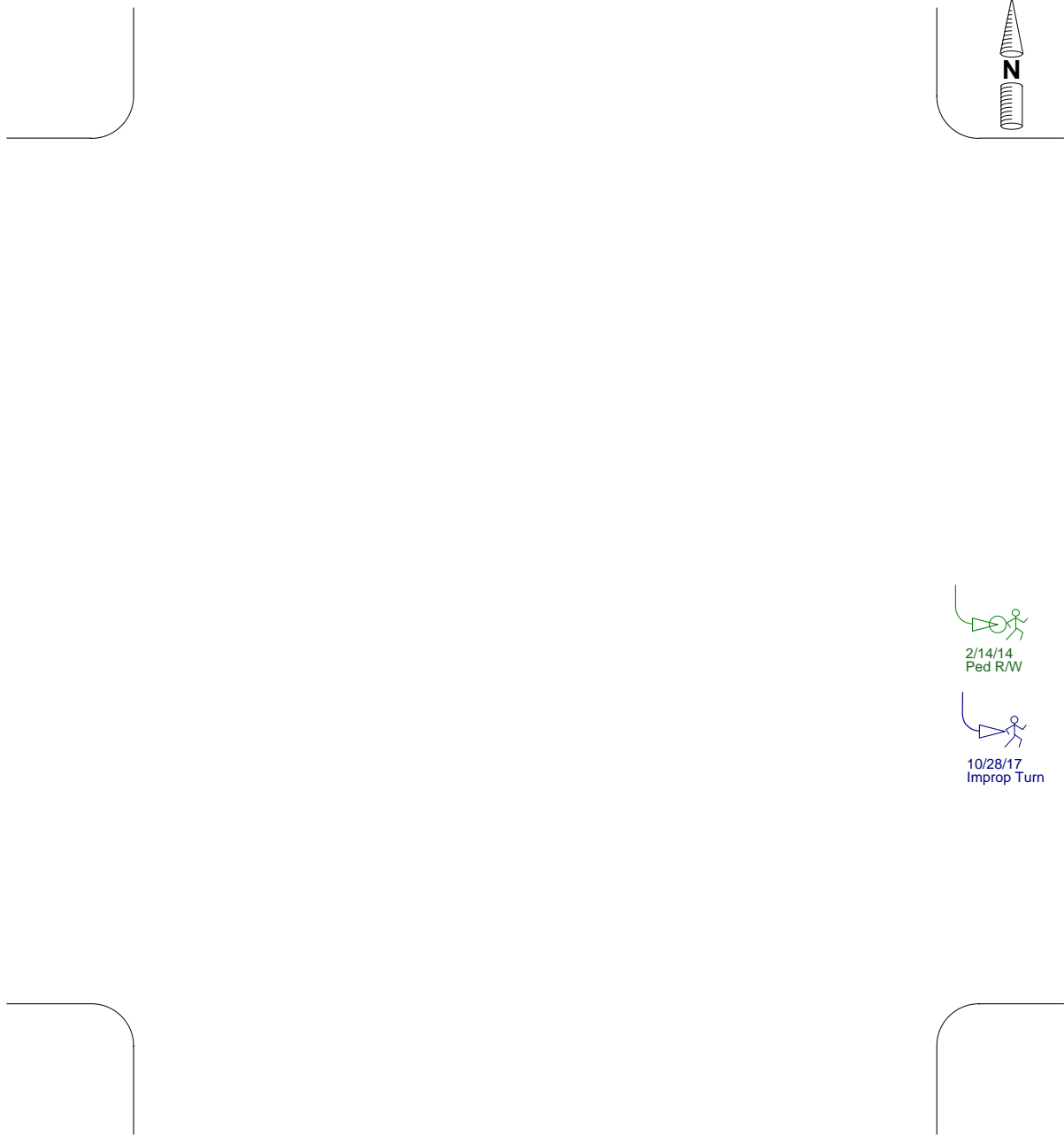
Collision Diagram

Horizontal Street: MARKET ST

Vertical Street: 10TH AV

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/16/2018



Number of Collisions

- 1 Property Damage Only
- 1 Injury Collisions
- 0 Fatal Collisions
- 2 Total Collisions

Legend

- ◄ Moving Vehicle
- ◄| Stopped Vehicle
- ◄→ Backing Vehicle
- ◄~ Ran Off Road
- ◄..... Movement Unknown

- ↗ Right Turn
- ↖ Left Turn
- ◄◄ Sideswipe
- ◄ Day
- ◄ Night

- 🚶 Pedestrian
- 📦 Fixed Object
- 🚲 Bicycle
- 🍷 DUI
- Injury
- ◎ Fatal

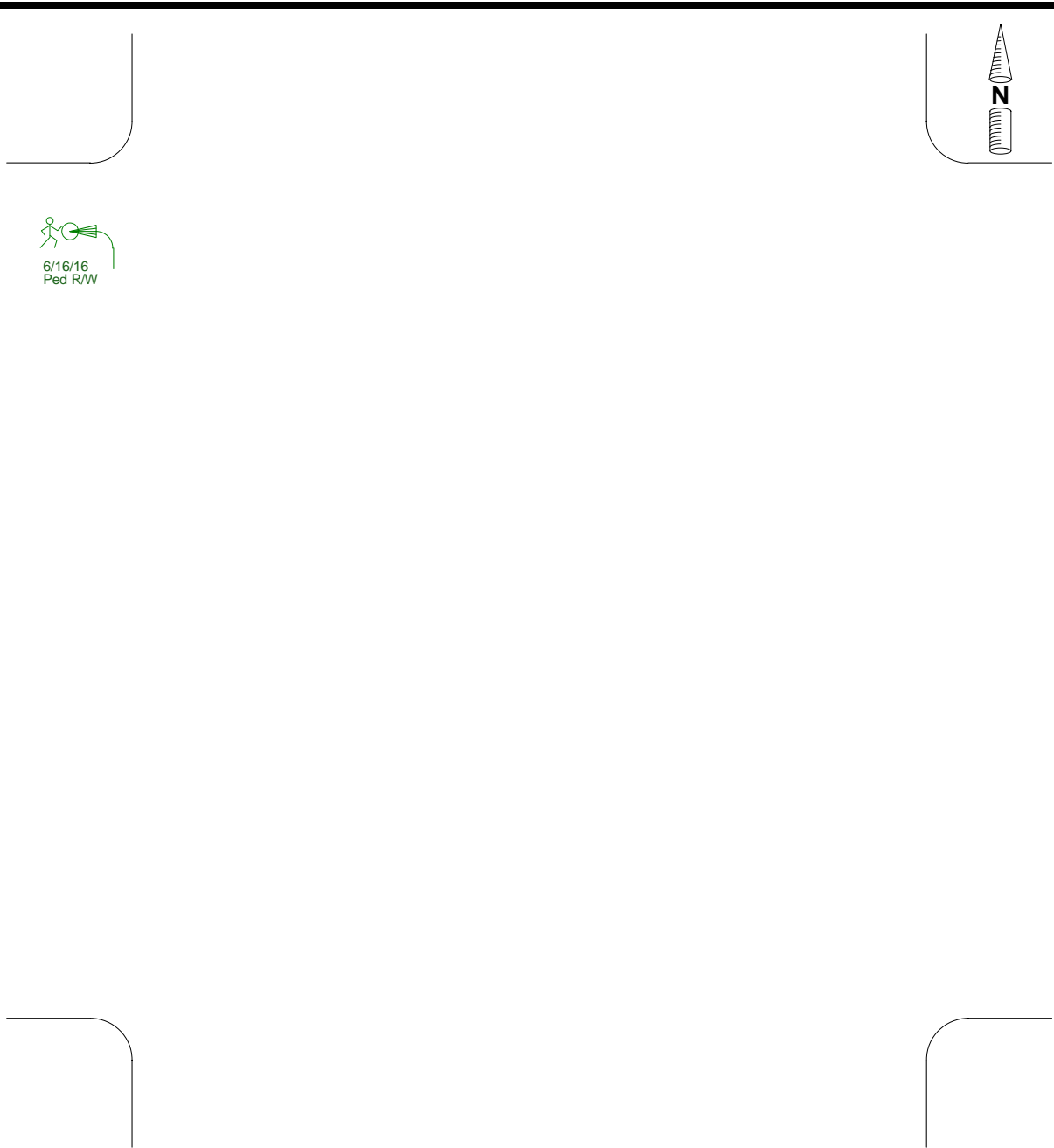
Collision Diagram

Horizontal Street: EL CAJON BL

From: 1/1/2014 To: 12/31/2017

Vertical Street: 52ND ST

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

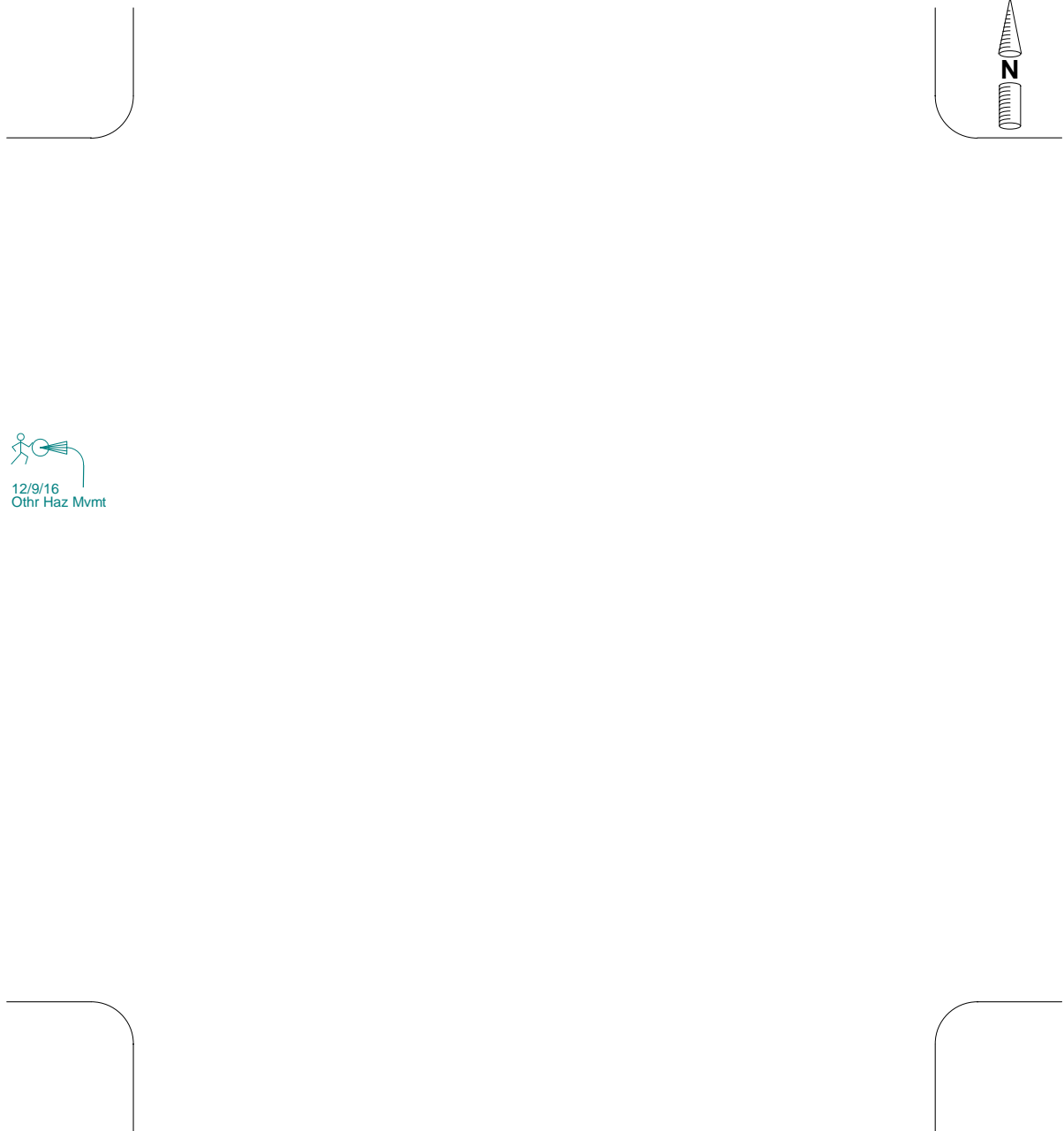
Collision Diagram

Horizontal Street: EL CAJON BL

From: 1/1/2014 To: 12/31/2017

Vertical Street: WINONA AV






Date Prepared: 7/17/2018














Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

 Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

 Right Turn
 Left Turn
 Sideswipe
 Day
 Night

 Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

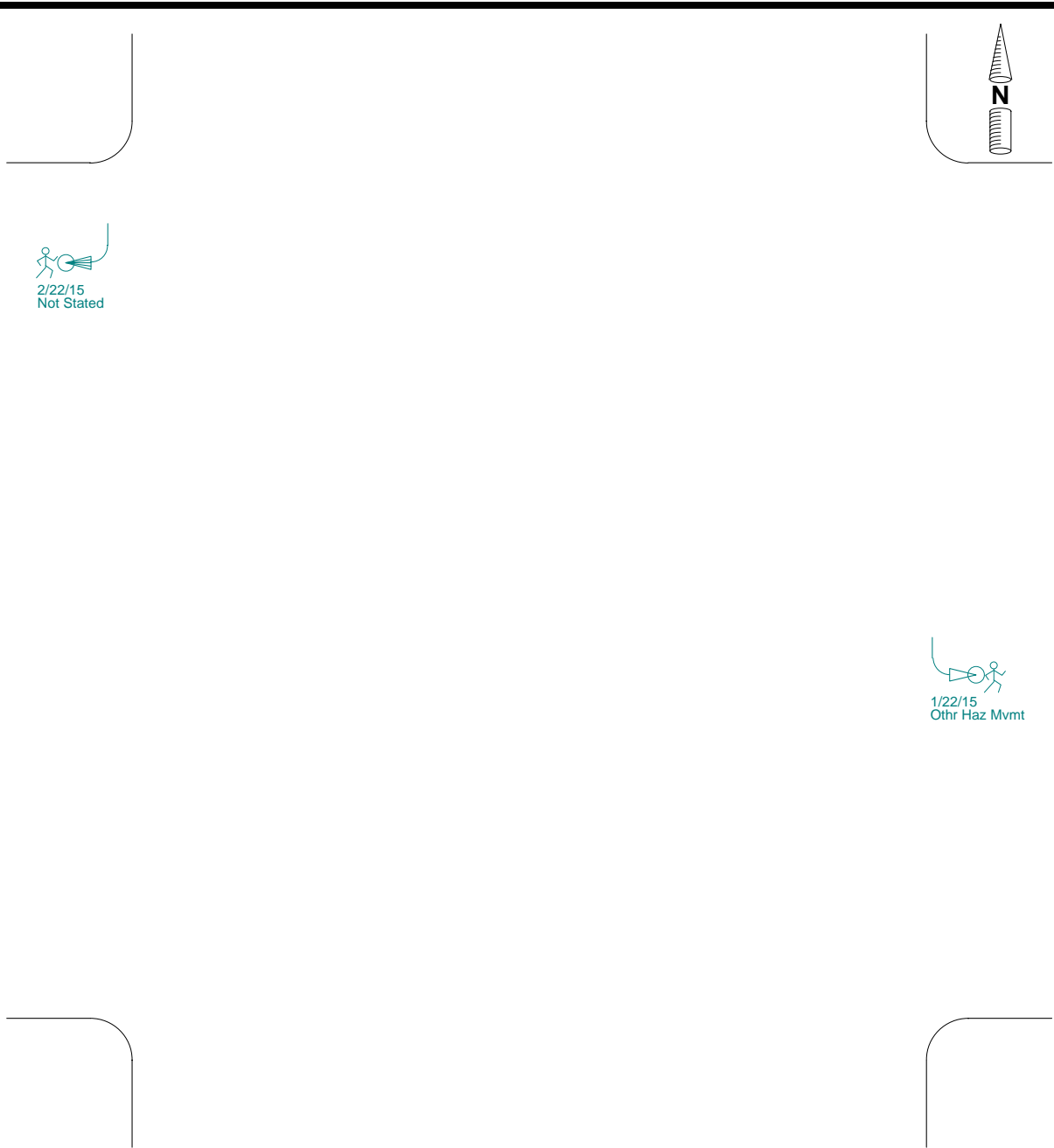
Collision Diagram

Horizontal Street: WASHINGTON ST

From: 1/1/2014 To: 12/31/2017

Vertical Street: FRONT ST

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

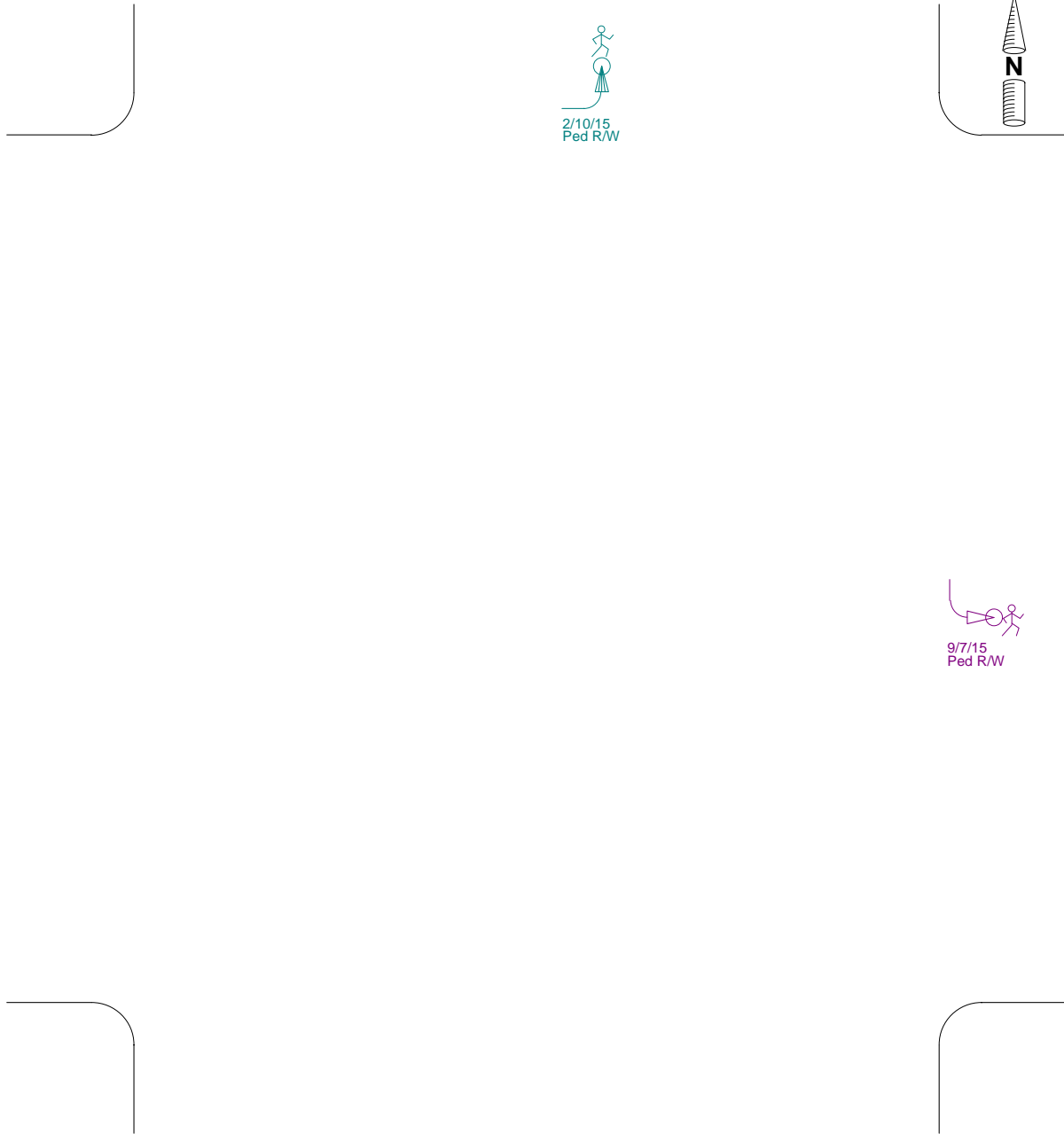
Collision Diagram

Horizontal Street: HAMMOND DR

Vertical Street: SANDROCK RD

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

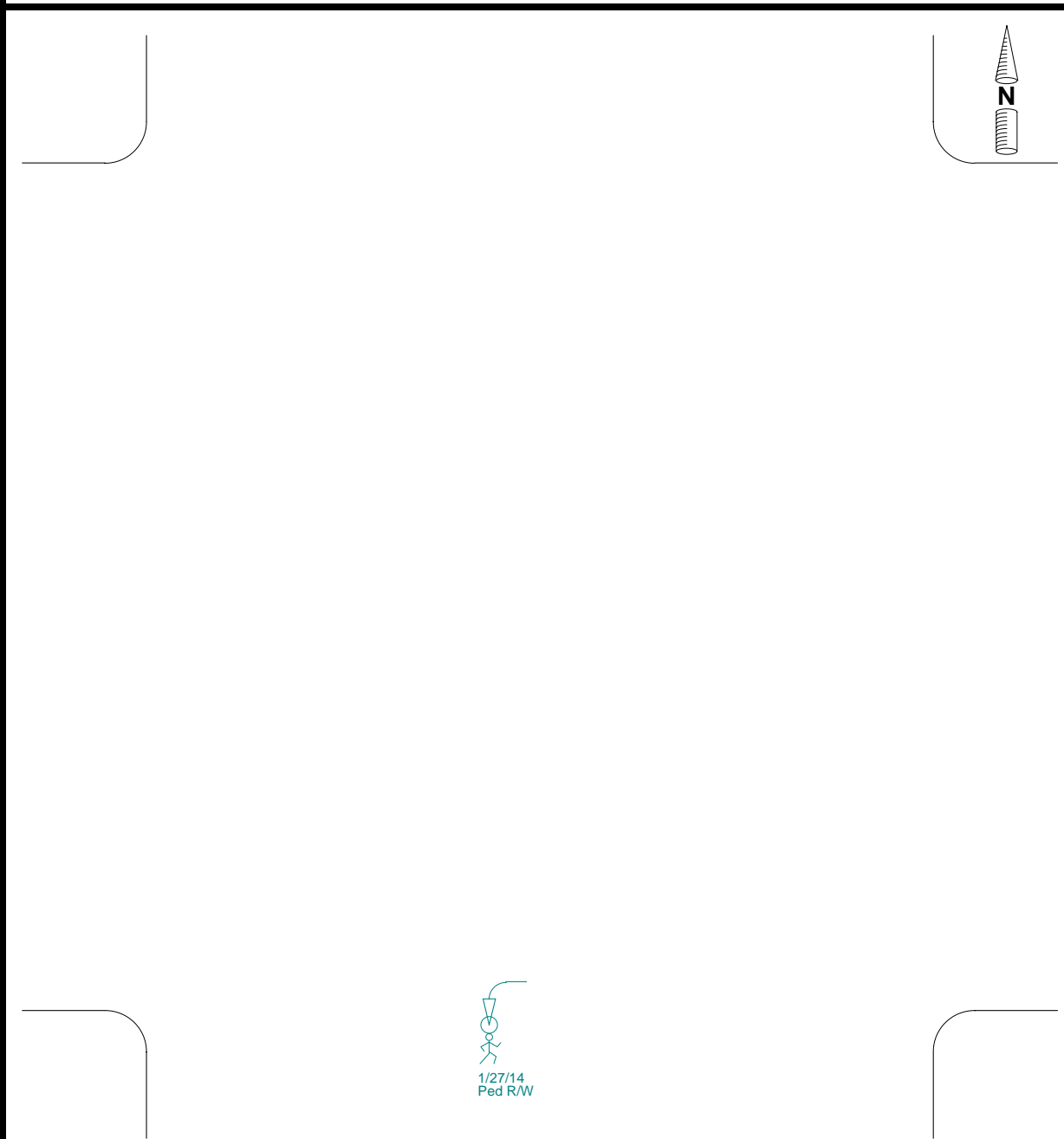
Collision Diagram

Horizontal Street: PACIFIC BEACH DR

From: 1/1/2014 To: 12/31/2017

Vertical Street: INGRAHAM ST

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

Collision Diagram

Horizontal Street: EL PRADO

Vertical Street: 06TH AV

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/9/2018

4/17/14
Ped R/W



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

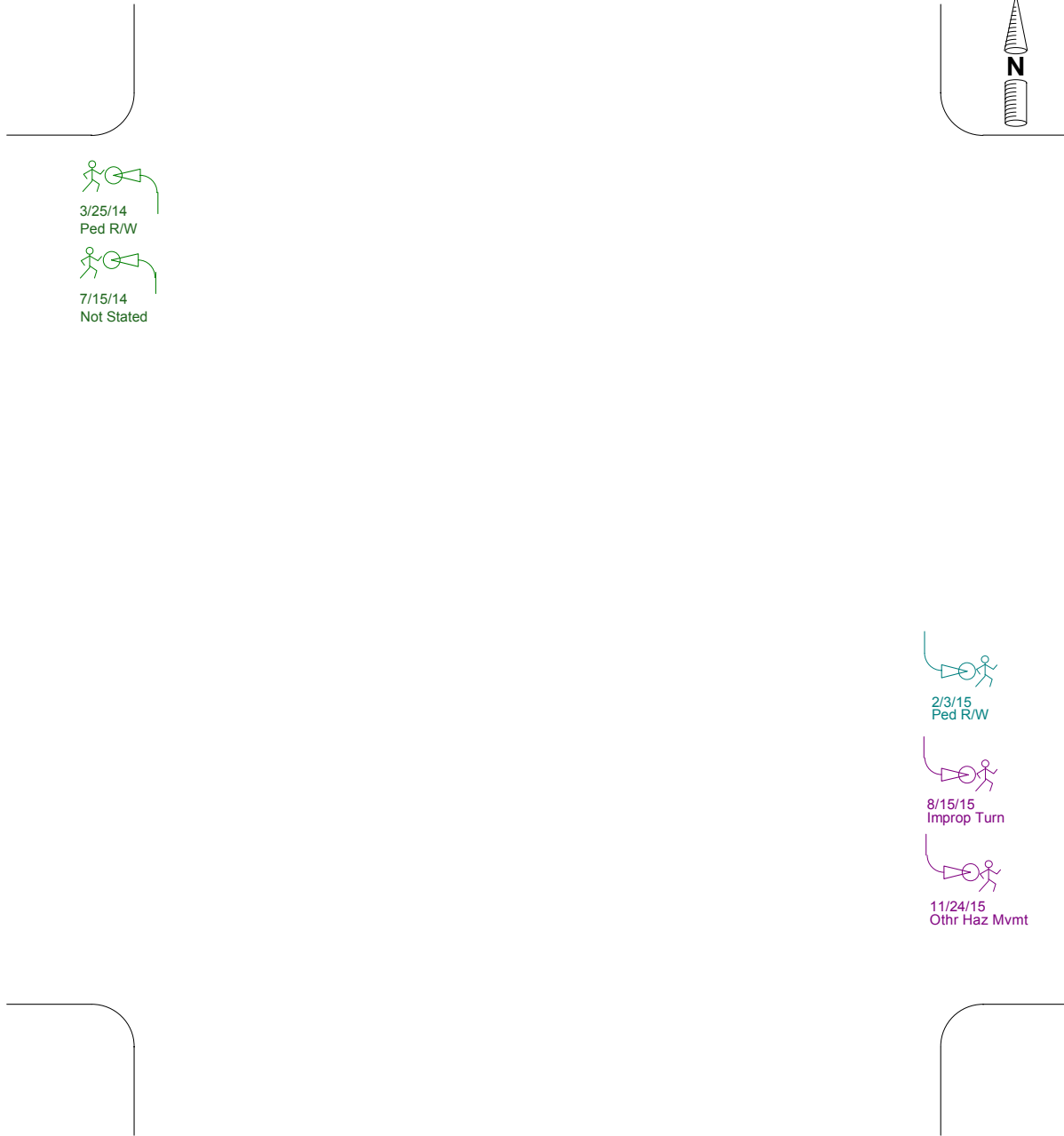
Collision Diagram

Horizontal Street: UNIVERSITY AV

From: 1/1/2014 To: 12/31/2017

Vertical Street: SWIFT AV

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
5 Injury Collisions
0 Fatal Collisions
5 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

HSIP Project Intersections: Group 4 Collision Diagrams



Collision Diagram

Horizontal Street: MARKET ST

From: 1/1/2014 To: 12/31/2017

Vertical Street: 11TH AV

Date Prepared: 7/17/2018

9/27/16
Improp Turn

11/5/16
Othr Haz Mvmt

3/3/17
Othr Haz Mvmt

5/27/17
Ped Viol



Number of Collisions

0 Property Damage Only
4 Injury Collisions
0 Fatal Collisions
4 Total Collisions

Legend

➡ Moving Vehicle
 ➡ Stopped Vehicle
 ➡➡ Backing Vehicle
 ➡~ Ran Off Road
 ➡..... Movement Unknown

↗ Right Turn
 ↖ Left Turn
 ➡ Sideswipe
 ➡ Day
 ➡ Night

🚶 Pedestrian
 📦 Fixed Object
 🚲 Bicycle
 🍷 DUI
 ○ Injury
 ⊙ Fatal

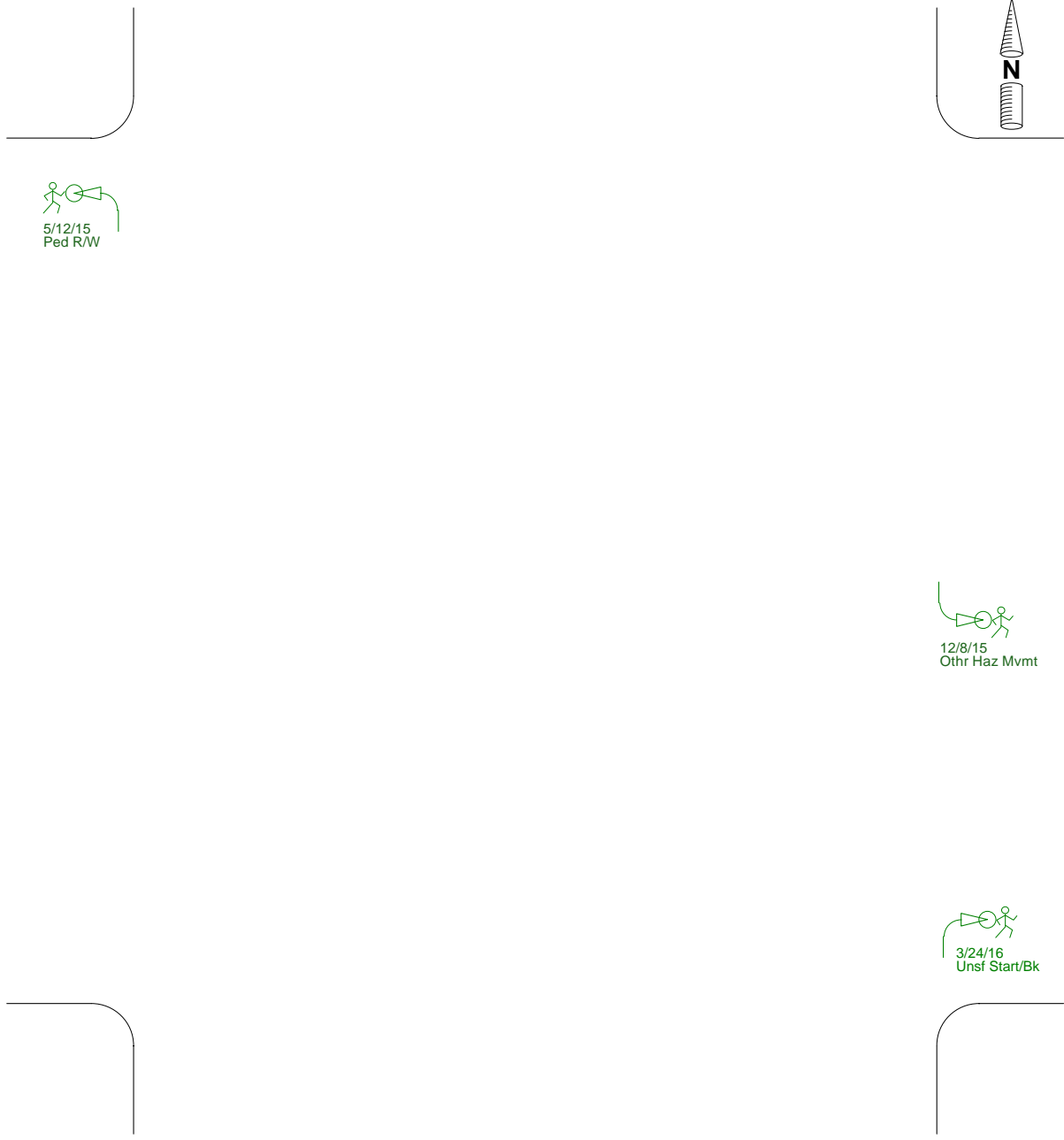
Collision Diagram

Horizontal Street: UNIVERSITY AV

From: 1/1/2014 To: 12/31/2017

Vertical Street: 52ND ST

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
3 Injury Collisions
0 Fatal Collisions
3 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

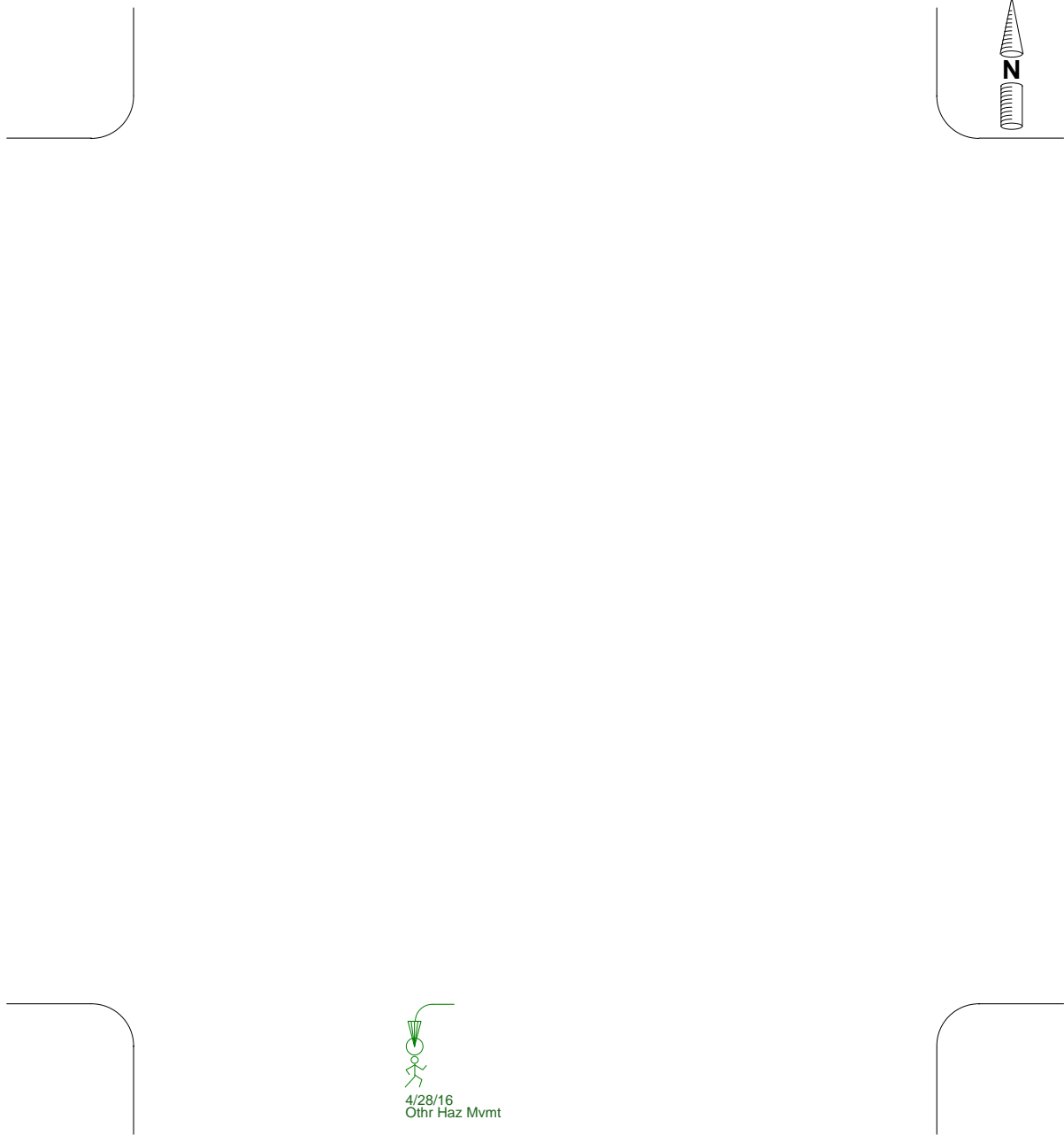
Collision Diagram

Horizontal Street: LEA ST

Vertical Street: 54TH ST

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

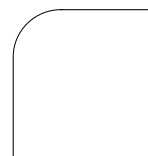
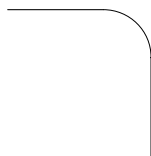
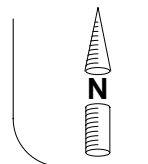
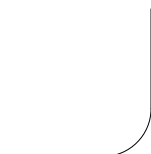
Collision Diagram

Horizontal Street: B ST

Vertical Street: PARK BL

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

Collision Diagram

Horizontal Street: NARANJA ST

From: 1/1/2014 To: 12/31/2017

Vertical Street: EUCLID AV

Date Prepared: 7/17/2018

8/13/15
Othr Haz Mvmt

10/7/15
Not Stated

4/30/16
Othr Haz Mvmt



Number of Collisions

0 Property Damage Only
3 Injury Collisions
0 Fatal Collisions
3 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

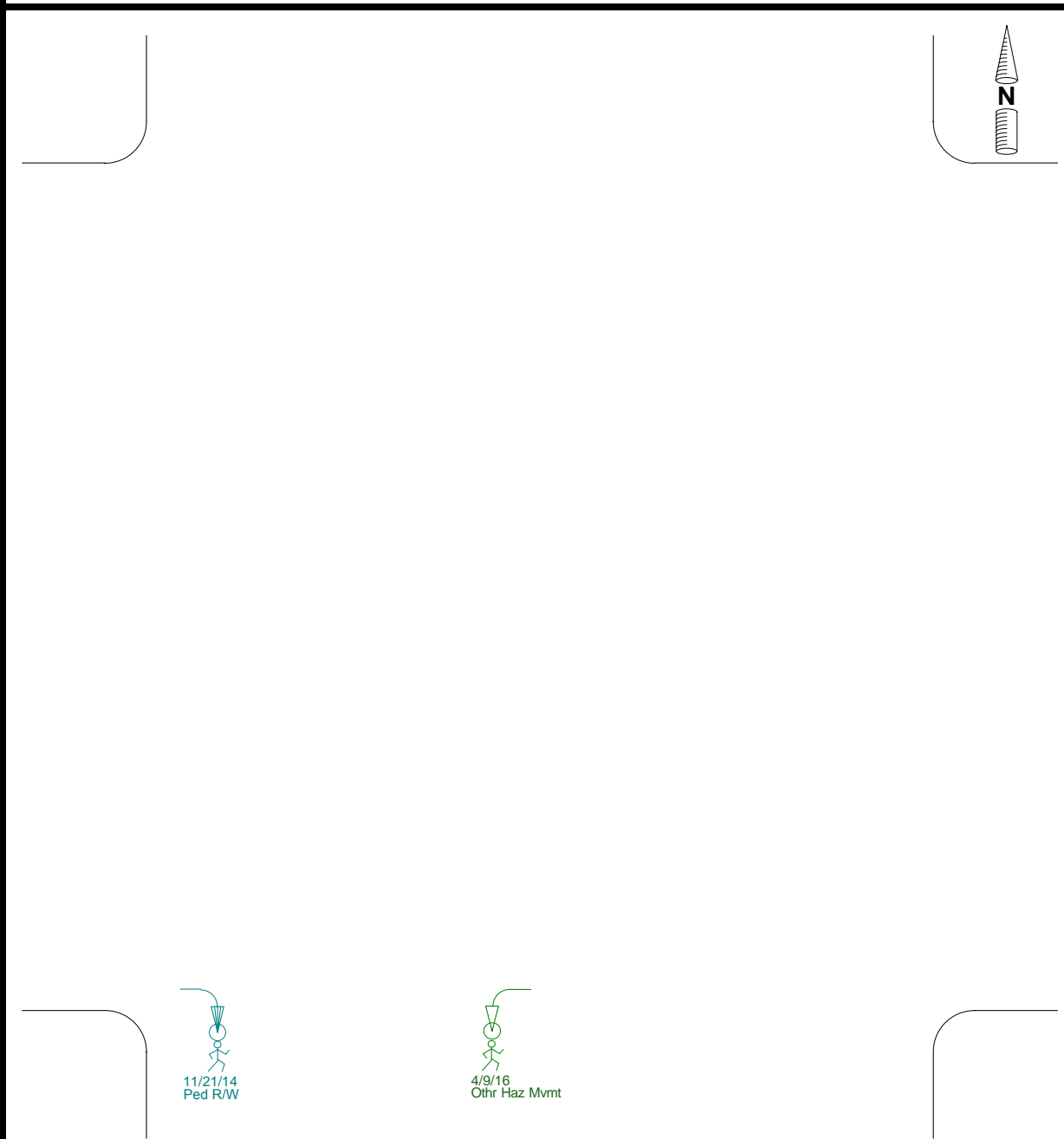
Collision Diagram

Horizontal Street: GARNET AV

From: 1/1/2014 To: 12/31/2017

Vertical Street: MISSION BL

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

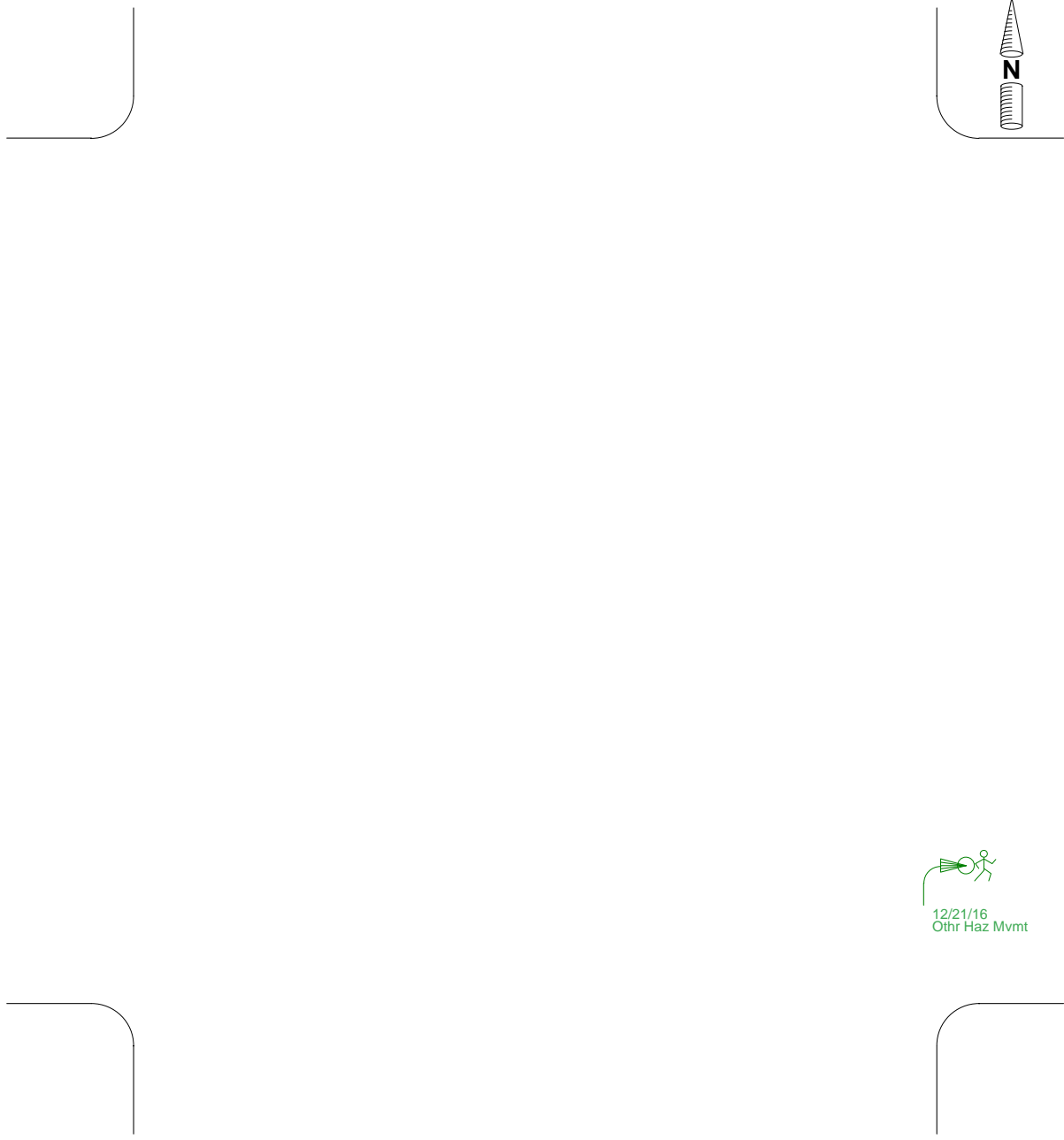
Collision Diagram

Horizontal Street: WASHINGTON ST (E)

From: 1/1/2014 To: 12/31/2017

Vertical Street: 05TH AV

Date Prepared: 7/9/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

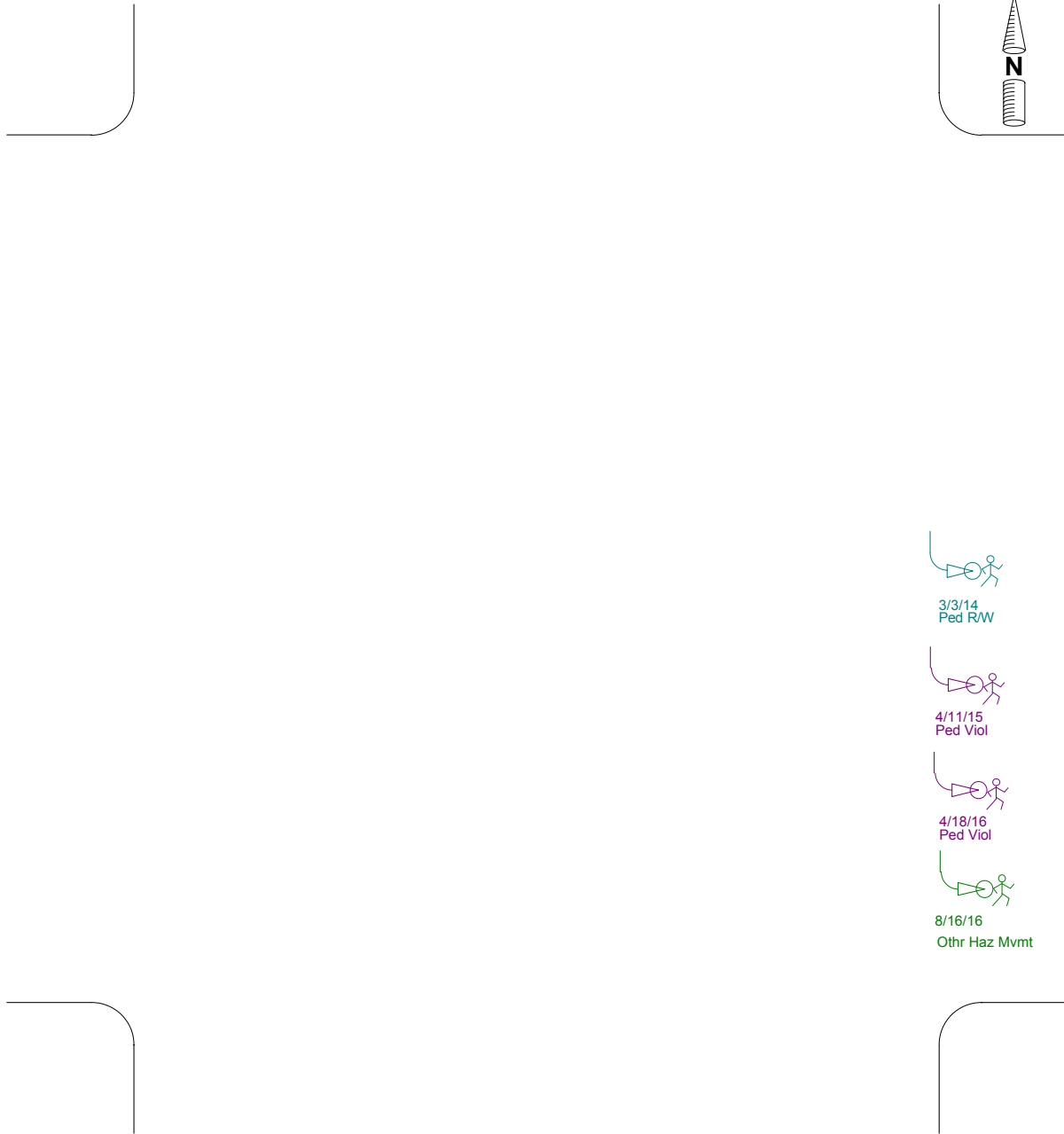
Collision Diagram

Horizontal Street: PARADISE VALLEY RD

From: 1/1/2014 To: 12/31/2017

Vertical Street: DEEP DELL RD






Date Prepared: 7/17/2018














Number of Collisions

0 Property Damage Only
4 Injury Collisions
0 Fatal Collisions
4 Total Collisions

Legend

 Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

 Right Turn
 Left Turn
 Sideswipe
 Day
 Night

 Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

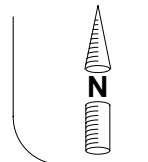
Collision Diagram

Horizontal Street: JUAN ST

Vertical Street: TAYLOR ST

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/10/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

HSIP Project Intersections: Group 5 Collision Diagrams



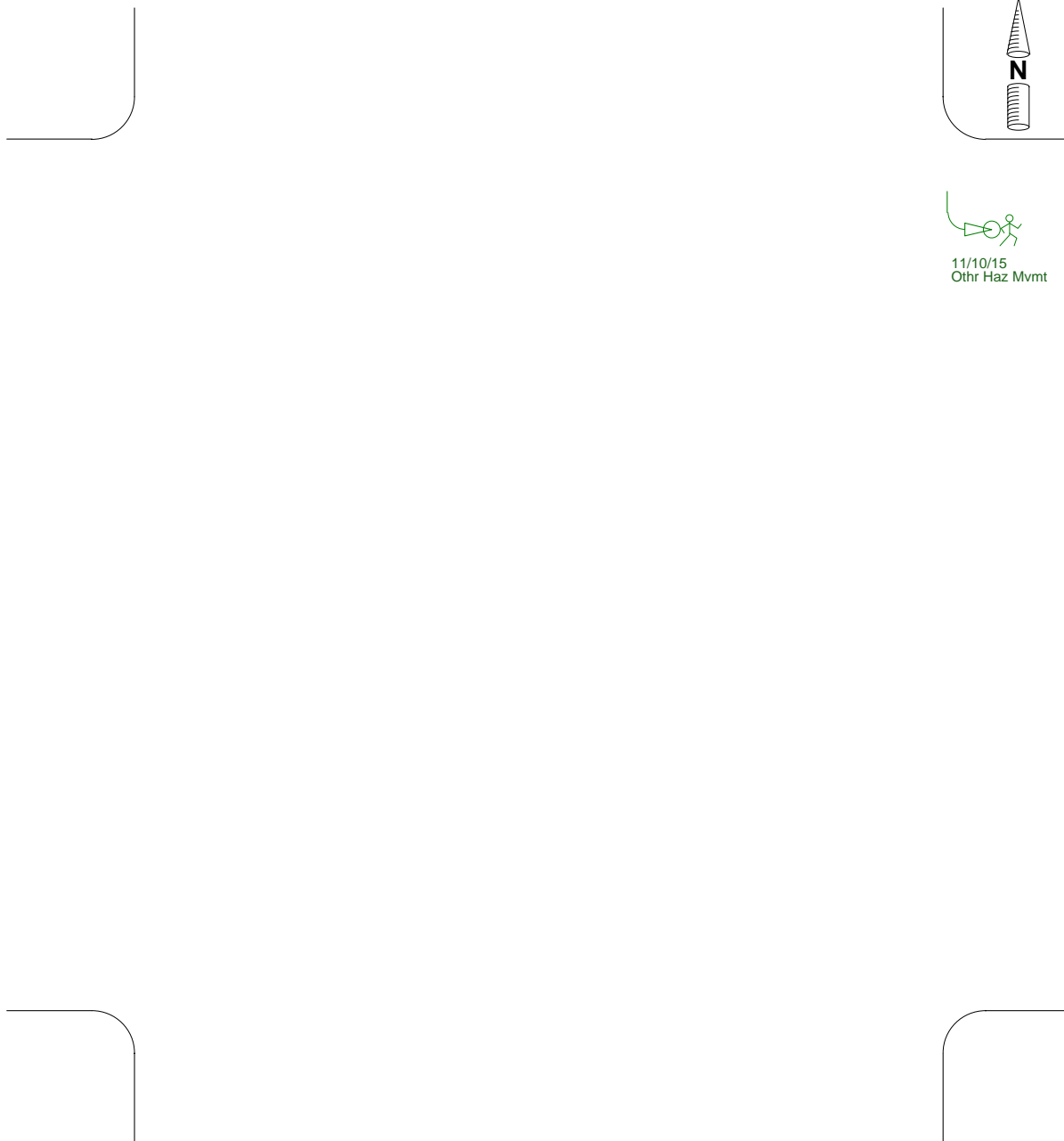
Collision Diagram

Horizontal Street: A ST

Vertical Street: 04TH AV

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/10/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

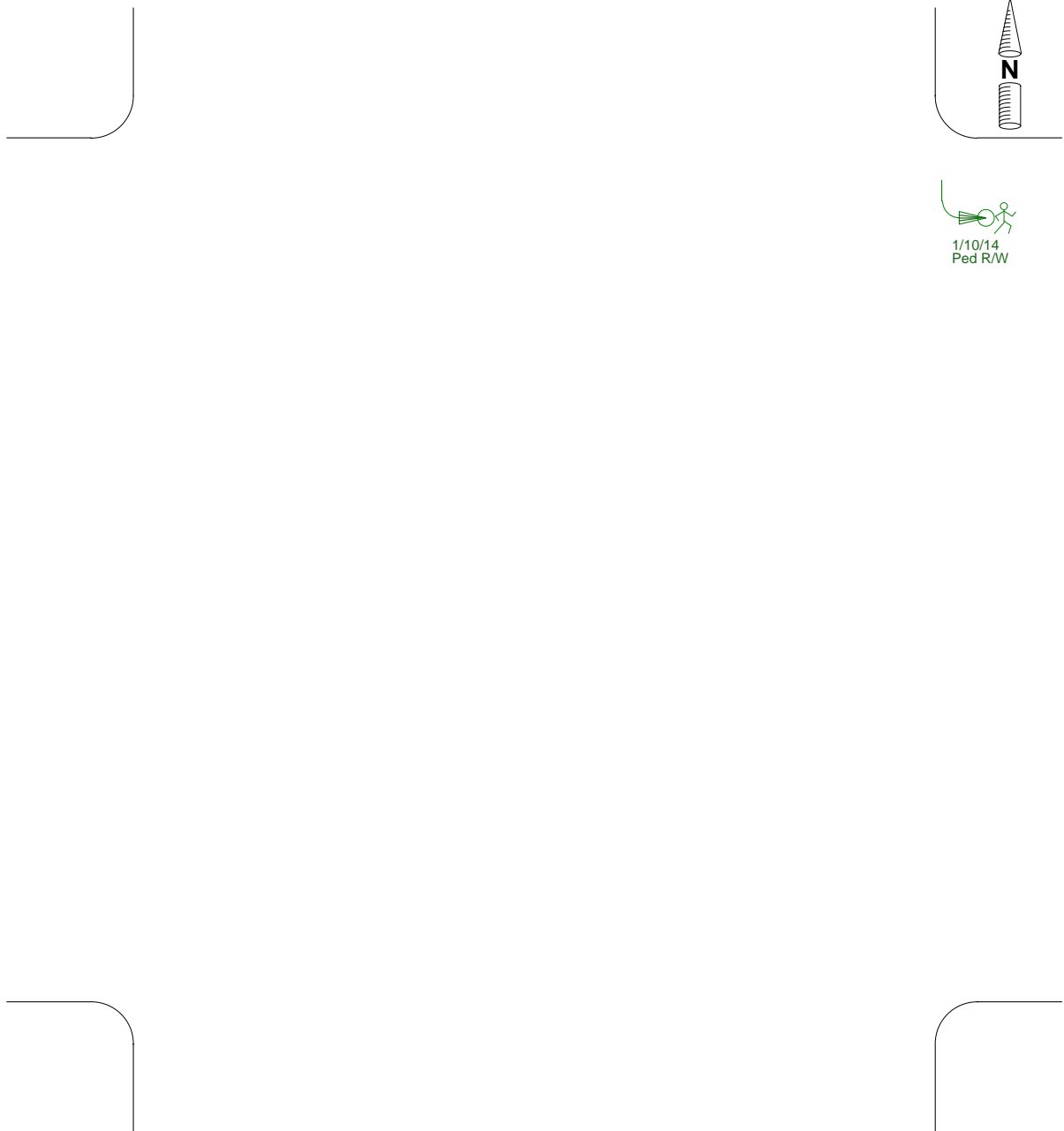
Collision Diagram

Horizontal Street: A ST

Vertical Street: COLUMBIA ST

From: 1/1/2014 To: 12/31/2017






Date Prepared: 7/17/2018














Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

 Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

 Right Turn
 Left Turn
 Sideswipe
 Day
 Night

 Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

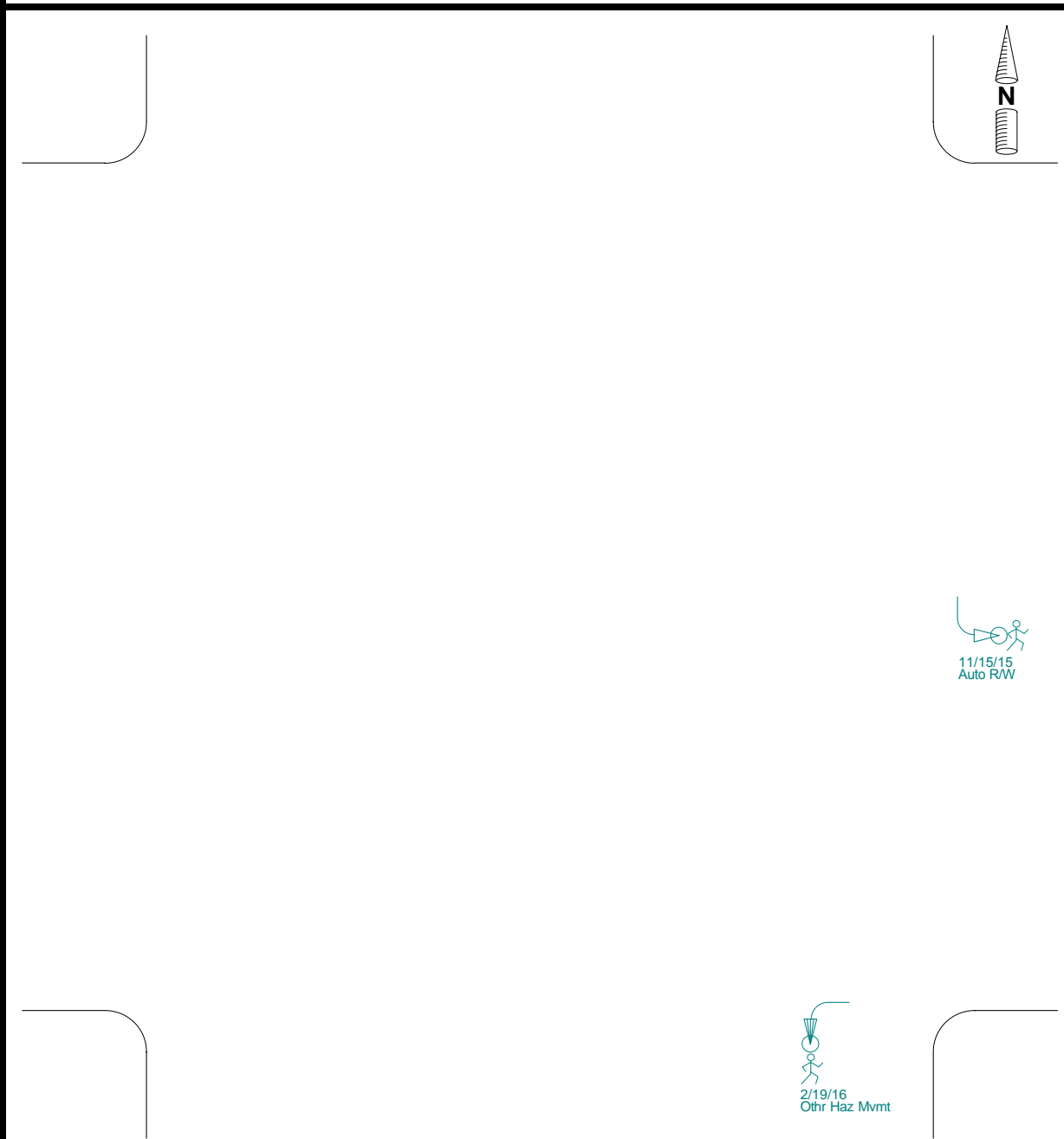
Collision Diagram

Horizontal Street: BEECH ST

Vertical Street: FRONT ST

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/17/2018













Number of Collisions







0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Collisions Not Plotted: 1

Legend

 Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

 Right Turn
 Left Turn
 Sideswipe
 Day
 Night

 Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

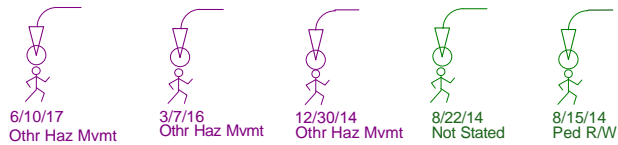
Collision Diagram

Horizontal Street: ASH ST

Vertical Street: FRONT ST

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
5 Injury Collisions
0 Fatal Collisions
5 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

HSIP Project Intersections: Group 6 Collision Diagrams



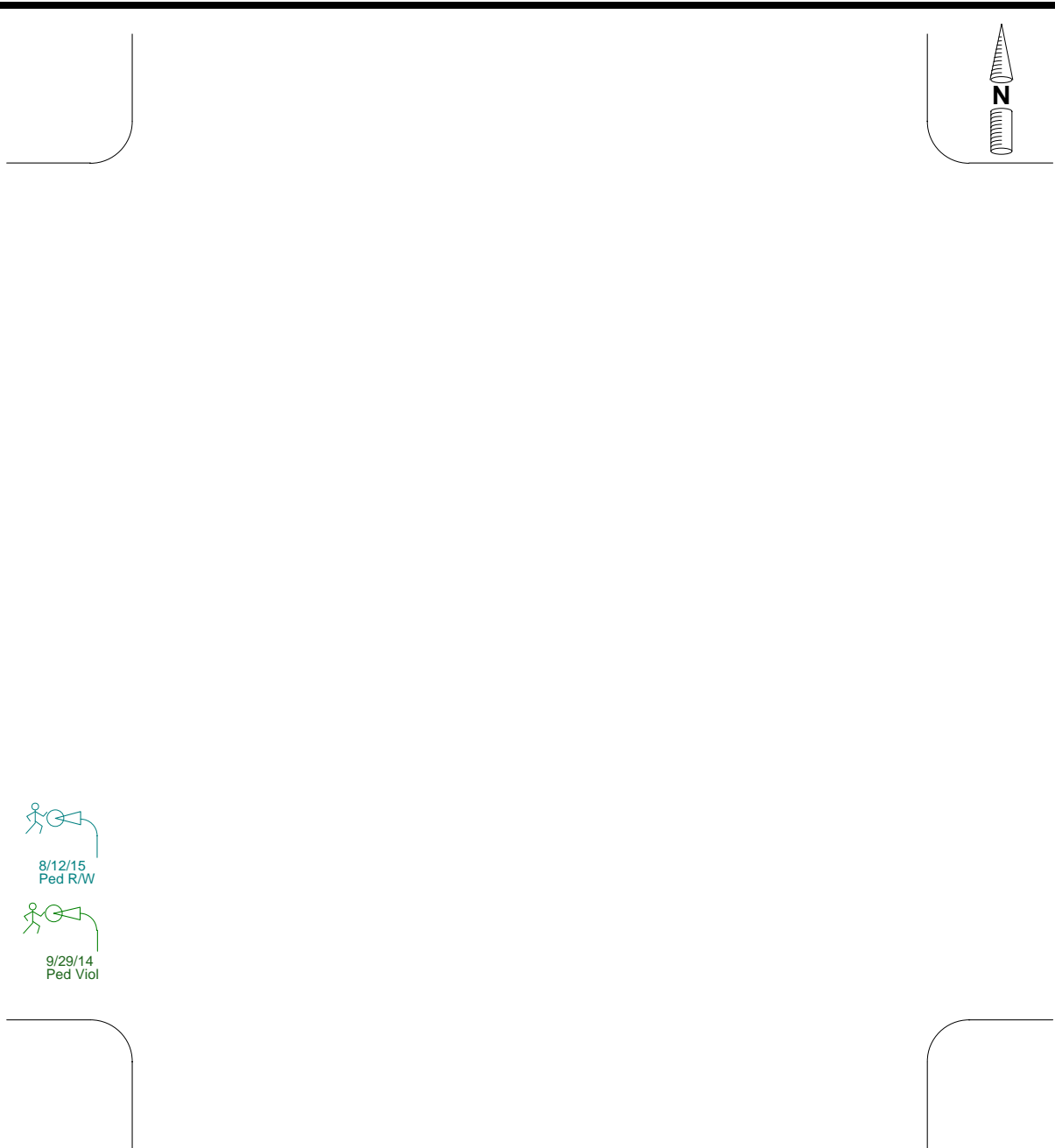
Collision Diagram

Horizontal Street: ASH ST

Vertical Street: 05TH AV

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/16/2018



Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

Collision Diagram

Horizontal Street: C ST

Vertical Street: 11TH AV

From: 1/1/2014 To: 12/31/2017

Date Prepared: 7/17/2018



Number of Collisions

0 Property Damage Only
1 Injury Collisions
0 Fatal Collisions
1 Total Collisions

Legend

Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

Right Turn
 Left Turn
 Sideswipe
 Day
 Night

Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

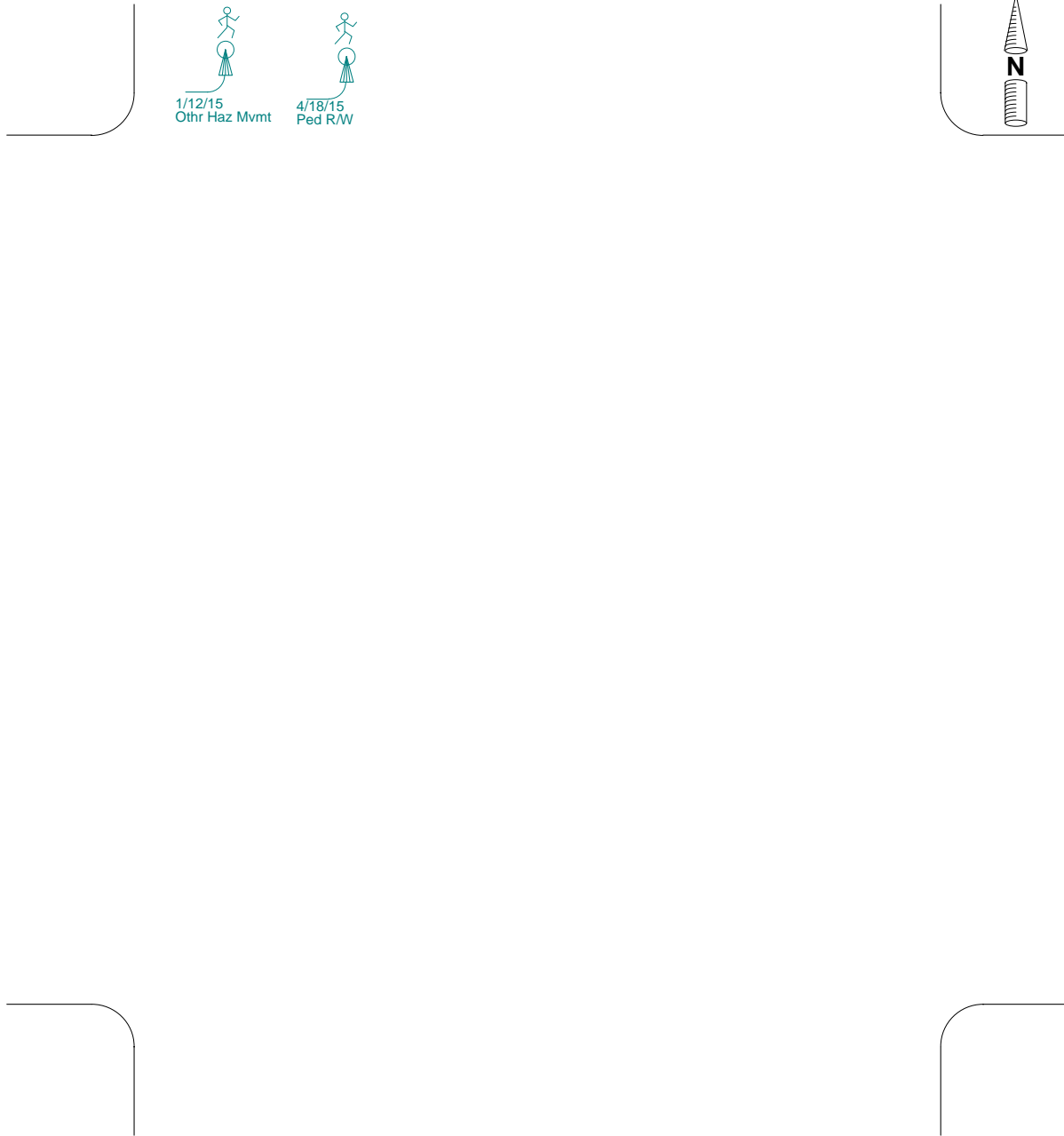
Collision Diagram

Horizontal Street: G ST

Vertical Street: 11TH AV

From: 1/1/2014 To: 12/31/2017






Date Prepared: 7/17/2018














Number of Collisions

0 Property Damage Only
2 Injury Collisions
0 Fatal Collisions
2 Total Collisions

Legend

 Moving Vehicle
 Stopped Vehicle
 Backing Vehicle
 Ran Off Road
 Movement Unknown

 Right Turn
 Left Turn
 Sideswipe
 Day
 Night

 Pedestrian
 Fixed Object
 Bicycle
 DUI
 Injury
 Fatal

HSIP Project Intersections: Group 1 Collision Lists



City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 53

Injury Collisions: 43

Fatal Collisions: 0

Collision Summary Report

6/15/18

04TH AV & ELM ST

Page 1 of 1

400402	1/10/2014	09:02	Friday	04TH AV - ELM ST	18'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0

Party 1 Driver South Making Left Turn Female Age: 23 2014 CHEVROLET
Veh Type: Sobriety: HNBD Assoc Factor: None Apparent Lap/Shoulder Harness Used Not Stated

Party 2 Pedestrian Not S Other Male Age: 63
Veh Type: Sobriety: HNBD Assoc Factor: None Apparent Not Stated

507725	9/15/2015	17:20	Tuesday	04TH AV - ELM ST	0'	Direction: Not Stated	Daylight	Raining	Pty at Fault:1
Moved collision to on 5th Av & Elm St	Vehicle - Pedestrian	Pedestrian		Not Stated	21453	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0

~~**Party 1** Pedestrian North Proceeding Straight Female Age: 32
Veh Type: Sobriety: HNBD Assoc Factor: None Apparent Not Stated~~

~~**Party 2** Driver North Making Right Turn Female Age: 63 2013 VOLKSWAGEN
Veh Type: Sobriety: HNBD Assoc Factor: None Apparent Lap/Shoulder Harness Used Cell Phone Not In Use~~

606025	7/13/2016	17:30	Wednesday	04TH AV - ELM ST	0'	Direction: South	Daylight	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: Misde	Property Damage Only Complaint of Pain	# Inj: 1	# Killed: 0

Party 1 Driver South Making Left Turn Not Sta Age:
Veh Type: Sobriety: Impairment Not Kno Assoc Factor: None Apparent Not Stated

Party 2 Pedestrian West Proceeding Straight Female Age: 62
Veh Type: Sobriety: Impairment Not Kno Assoc Factor: None Apparent Not Stated

172434	3/26/2017	17:42	Sunday	04TH AV - ELM ST	13'	Direction: East	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian				Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0

Party 1 Driver South Making Left Turn Female Age: 75 2007 CHRYSLER
Veh Type: OA Sobriety: HNBD Assoc Factor: None Apparent Lap/Shoulder Harness Used Cell Phone Not In Use

Party 2 Pedestrian West Proceeding Straight Female Age: 48
Veh Type: Sobriety: HNBD Assoc Factor: None Apparent Cell Phone Not In Use

Settings for Query:

Street: 04TH AV

Cross Street: ELM ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 2

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

05TH AV & ELM ST

Page 1 of 1

401835	3/2/2014	01:04	Sunday	05TH AV - ELM ST	0'	Direction: Not Stated	Dark - Street Lig	Cloudy	Pty at Fault:0
Vehicle	Pedestrian	Pedestrian	Pedestrian Violation	21456B	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0	
Party 1	Pedestrian	East	Not Stated	Male	Age: 77			Other Visible Injury	
Veh Type:		Sobriety: HBD	Impairment Un	Assoc Factor: Not Stated					
Party 2	Driver	North	Proceeding Straight	Male	Age: 63	2011 TOYOTA		No Injury	
Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use				
509031	10/27/2015	16:25	Tuesday	05TH AV - ELM ST	9'	Direction: West	Daylight	Clear	Pty at Fault:0
Head-On		Pedestrian	Other Hazardous Movement	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0	
Party 1	Driver	Not S	Making Left Turn	Female	Age: 25	5 CHRY			
Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent			Not Stated			
Party 2	Pedestrian	North	Proceeding Straight	Female	Age:				
Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent			Not Stated			
507725	9/15/2015	17:20	Tuesday	04TH AV - ELM ST	0'	Direction: Not Stated	Daylight	Raining	Pty at Fault:1
Vehicle - Pedestrian	Pedestrian	5th Av	Not Stated	21453	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0	
Party 1	Pedestrian	North	Proceeding Straight	Female	Age: 32				
Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent			Not Stated			
Party 2	Driver	North	Making Right Turn	Female	Age: 63	2013 VOLKSWAGEN			
Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use				

Settings for Query:

Street: 05TH AV

Cross Street: ELM ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 53

Injury Collisions: 43

Fatal Collisions: 40

Collision Summary Report

6/15/18

25TH ST & IMPERIAL AV

Page 1 of 2

400327	1/10/2014	08:55	Friday	IMPERIAL AV - 25TH ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	East	Making Left Turn		Female Age: 75	1997 TOYOTA				
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2 Driver	North	Proceeding Straight		Female Age: 46					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Cell Phone Not In Use			
501610	2/26/2015	05:25	Thursday	IMPERIAL AV - 25TH ST	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Fatal Complaint of Pain	# Inj: 1	# Killed: 10
Party 1 Driver	West	Making Left Turn		Female Age: 25	2008 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2 Pedestrian	West	Proceeding Straight		Male Age: 67				Complaint of Pain	
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Not Required	Cell Phone Not In Use			
501802	3/4/2015	06:00	Wednesday	IMPERIAL AV - 25TH ST	37'	Direction: South	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	South	Other		Female Age: 12				Other Visible Injury	
Veh Type:		Sobriety: HNBD		Assoc Factor: Not Stated			Cell Phone Not In Use		
Party 2 Driver	South	Proceeding Straight		Male Age: 60	1993 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
506464	8/4/2015	10:00	Tuesday	25TH ST - IMPERIAL AV	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Not Stated	NOFAULTIMP	Hit & Run: Felony	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	Not S	Not Stated		Not Sta Age:					
Veh Type:		Sobriety: Not Stated		Assoc Factor: Not Stated					
Party 2 Pedestrian	West	Not Stated		Male Age: 52					
Veh Type:		Sobriety: Not Stated		Assoc Factor: Not Stated					
170128	12/31/2016	21:50	Saturday	25TH ST - IMPERIAL AV	15'	Direction: North	Dark - Street Lig	Raining	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	East	Making Left Turn		Male Age: 39	1982 CHEVROLET				
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2 Pedestrian	East	Proceeding Straight		Female Age: 25					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Cell Phone Not In Use			

Settings for Query:

Street: 25TH ST
Cross Street: IMPERIAL AV
Intersection Related: True
Involved With: Pedestrian
Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 5 3

Injury Collisions: 5 3

Fatal Collisions: 0

Collision Summary Report

6/15/18

39TH ST & UNIVERSITY AV

Page 1 of 1

400591	1/23/2014	07:50	Thursday	UNIVERSITY AV - 39TH ST	0'	Direction: Not Stated	Daylight	Fog	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Female	Age: 46	2012 TOYOTA	Passenger Car, Station Wagon, Jeep		
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2	Pedestrian	North	Proceeding Straight	Male	Age: 14				
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Cell Phone Not In Use		
408346	10/27/2014	04:12	Monday	UNIVERSITY AV - 39TH ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Auto R/W Violation	21801A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Female	Age: 50	2003 NISSAN			
	Veh Type:		Sobriety: HNBD		Assoc Factor: Inattention	Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2	Pedestrian	North	Entering Traffic	Female	Age: 26				
	Veh Type:		Sobriety: HNBD		Assoc Factor: Not Stated		Cell Phone Not In Use		
610713	12/22/2016	08:40	Thursday	UNIVERSITY AV - 39TH ST	0'	Direction: Not Stated	Daylight	Raining	Pty at Fault:1
	Head-On	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Female	Age: 37	2010 MAZDA	Passenger Car, Station Wagon, Jeep		
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Not Stated		
Party 2	Bicyclist	North	Proceeding Straight	Female	Age:	PACIFIC	Bicycle		
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: None Apparent		Not Stated		
170789	1/29/2017	08:10	Sunday	UNIVERSITY AV - 39TH ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Not Stated	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Not Stated	Not Sta	Age:				
	Veh Type:		Sobriety: Not Stated		Assoc Factor: Inattention		Not Stated		
Party 2	Pedestrian	Not S	Proceeding Straight	Female	Age: 66				
	Veh Type:		Sobriety: HNBD		Assoc Factor: Not Stated		Cell Phone Not In Use		

Settings for Query:

Street: 39TH ST

Cross Street: UNIVERSITY AV

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego
Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

~~63RD ST & EL CAJON BL (W)~~ 62nd St & El Cajon Bl

Page 1 of 1

401358	2/22/2014	20:09	Saturday	EL CAJON BL - 63RD ST (W) 62nd St	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:0
	Not Stated		Pedestrian	Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0

Party 1	Driver	West	Making Left Turn	Female	Age:	2001 CHRYSLER		
Veh Type:			Sobriety: Not Stated		Assoc Factor: Inattention	Lap Belt Used		Not Stated
Party 2	Pedestrian	South	Proceeding Straight	Female	Age: 52			
Veh Type:			Sobriety: Not Stated		Assoc Factor: Not Stated	Not Required		Not Stated

Settings for Query:

Street: 63RD ST

Cross Street: EL CAJON BL (W)

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 3 2

Injury Collisions: 3 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

CAM RUIZ & CAPRICORN WY

Page 1 of 1

409050	11/19/2014	16:00	Wednesday	CAPRICORN WY - CAM RUIZ			0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation			21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	South	Making Left Turn		Male	Age: 52	2007 MAZDA					No Injury
Veh Type:		Sobriety: HNBD		Assoc Factor: Inattention			Lap/Shoulder Harness Used	Cell Phone Handheld In Use			
Party 2 Pedestrian	East	Making Left Turn		Male	Age: 16						Complaint of Pain
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent				Not Stated			
Party 3 Driver	South	Not Stated		Female	Age: 21	2014 HONDA					No Injury
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent			Lap/Shoulder Harness Used	Not Stated			
507489	9/4/2015	20:07	Friday	CAM RUIZ - CAPRICORN WY			8'	Direction: North	Dark - Street Lig	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation			21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Making Left Turn		Male	Age: 63	2014 MAZDA					No Injury
Veh Type:		Sobriety: HNBD		Assoc Factor: Inattention			Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2 Pedestrian	West	Not Stated		Female	Age: 56						Complaint of Pain
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent				Cell Phone Not In Use			
606091	7/16/2016	17:25	Saturday	CAM RUIZ - TERESA DR			8'	Direction: East	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Unsafe Speed			22350	Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Not Sta	Age:						
Veh Type:		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated				Not Stated			
Party 2 Pedestrian	West	Other		Female	Age: 73						
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent				Cell Phone Not In Use			

Settings for Query:

Street: CAM RUIZ

Cross Street: CAPRICORN WY

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

**City of San Diego
Traffic Engineering Operatons**

From 1/1/2014 to 12/31/2017

Total Collisions: 2

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

CARROLL CANYON RD & MAYA LINDA RD

Page 1 of 1

410124	12/29/2014	08:20	Monday	CARROLL CANYON RD - MAYA LINDA RD		0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement		21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	South	Making Left Turn	Female	Age: 63	2010 HONDA				
	Veh Type:		Sobriety: HNBD		Assoc Factor: Inattention	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	North	Proceeding Straight	Male	Age: 53					
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Not Required	Cell Phone Not In Use			
600106	1/2/2016	18:23	Saturday	CARROLL CANYON RD - MAYA LINDA RD		0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement		21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Right Turn	Female	Age: 64	2013 HOND		Passenger Car, Station Wagon, Jeep		
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Driver	North	Not Stated	Male	Age: 27					
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Cell Phone Not In Use			

Settings for Query:

Street: CARROLL CANYON RD

Cross Street: MAYA LINDA RD

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego
Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

CLAIREMONT MESA BL & ROLFE RD

Page 1 of 1

600671	1/20/2016	17:30	Wednesday	CLAIREMONT MESA BL - ROLFE RD	0'	Direction: West	Dusk - Dawn	Clear	Pty at Fault:
	Vehicle - Pedestrian	Pedestrian		Unknown		Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0

Party 1	Driver	East	Making Left Turn	Not Sta	Age:	
Veh Type:			Sobriety: Impairment Not Kno	Assoc Factor: Inattention		Not Stated
Party 2	Pedestrian	North	Not Stated	Female	Age: 30	
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent		Not Stated

Settings for Query:

Street: CLAIEMONT MESA BL

Cross Street: ROLFE RD

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 3 2

Injury Collisions: 3 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

ELM AV & SATURN BL

Page 1 of 1

406305	8/19/2014	15:15	Tuesday	SATURN BL - ELM AV	5'	Direction: North	Daylight	Clear	Pty at Fault:1
	Not Stated		Pedestrian	Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	North	Making Left Turn		Female Age: 67	2013 DODGE				
Veh Type:		Sobriety: HBD Impairment Un		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Not Stated			
Party 2 Pedestrian	West	Proceeding Straight		Female Age: 40					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Not Stated			
Party 3 Pedestrian	West	Proceeding Straight		Female Age: 8					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Not Stated			
409233	11/25/2014	17:40	Tuesday	SATURN BL - ELM AV	1'	Direction: South	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Pedestrian Violation	21955	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Pedestrian	West	Proceeding Straight		Female Age: 84					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Not Stated			
Party 2 Driver	South	Proceeding Straight		Female Age: 19	1999 VOLVO				
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
604837	5/27/2016	15:37	Friday	SATURN BL - ELM AV	0'	Direction: West	Daylight	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Auto R/W Violation	21801A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Making Left Turn		Male Age: 77	2013 VOLKSWAGEN				
Veh Type:		Sobriety: HBD Under Influen		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2 Pedestrian	West	Proceeding Straight		Female Age: 20					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Cell Phone Not In Use			

Settings for Query:

Street: ELM AV

Cross Street: SATURN BL

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego
Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

LAW ST & MISSION BL

Page 1 of 1

506494	8/5/2015	07:22	Wednesday	MISSION BL - LAW ST	0'	Direction: Not Stated	Dusk - Dawn	Cloudy	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0

Party 1	Driver	North	Making Left Turn	Male	Age: 47	2015 JEEP		
Veh Type:			Sobriety: HNBD			Assoc Factor: Vision Obscureme	Lap/Shoulder Harness Used	Cell Phone Not In Use
Party 2	Pedestrian	West	Proceeding Straight	Female	Age: 24			
Veh Type:			Sobriety: HNBD			Assoc Factor: None Apparent	Not Required	Cell Phone Not In Use

Settings for Query:

Street: LAW ST

Cross Street: MISSION BL

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

**City of San Diego
Traffic Engineering Operations**

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

UNIVERSITY AV & WILSON AV

Page 1 of 1

600140	1/2/2016	09:15	Saturday	UNIVERSITY AV - WILSON AV	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Sideswipe		Pedestrian	Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0

Party 1 Driver	East	Making Left Turn	Female	Age: 37	2001 NISSAN		
Veh Type:		Sobriety: HNBD		Assoc Factor: Inattention	Lap/Shoulder Harness Used	Cell Phone Not In Use	
Party 2 Pedestrian	North	Proceeding Straight	Female	Age: 21			
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Not Required	Cell Phone Not In Use	

Settings for Query:

Street: UNIVERSITY AV
Cross Street: WILSON AV
Intersection Related: True
Involved With: Pedestrian
Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 2

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

DERRICK DR & GENESEE AV

Page 1 of 1

505425	7/1/2015	07:32	Wednesday	DERRICK DR - GENESEE AV	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Pedestrian Violation	21950B	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 42	2003 CHEVROLET			
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Not Stated		
Party 2	Pedestrian	West	Other	Male	Age: 17				
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Not Stated		
601106	2/9/2016	18:09	Tuesday	DERRICK DR - GENESEE AV	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Sideswipe		Pedestrian	Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Male	Age: 33	2010 TOYOTA			
	Veh Type:		Sobriety: HNBD		Assoc Factor: Inattention	Lap/Shoulder Harness Not Us	Not Stated		
Party 2	Driver	West	Other	Male	Age: 61				
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Not Required	Cell Phone Not In Use		

Settings for Query:

Street: DERRICK DR

Cross Street: GENESEE AV

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

**City of San Diego
Traffic Engineering Operatons**

From 1/1/2014 to 12/31/2017

Total Collisions: 2

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

FULTON ST & LINDA VISTA RD

Page 1 of 1

505102	6/22/2015	19:38	Monday	FULTON ST - LINDA VISTA RD		0'	Direction: Not Stated	Dusk - Dawn	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Not Stated		21950	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Male	Age: 44	2010 CHEVROLET	Mini Van			
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: None Apparent		Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	West	Not Stated	Male	Age: 48		Pedestrian			
	Veh Type: Pedestrian		Sobriety: HNBD	Assoc Factor: None Apparent		Not Required	Cell Phone Not In Use			
177006	9/6/2017	07:37	Wednesday	LINDA VISTA RD - FULTON ST		12'	Direction: North	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement		21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Right Turn	Female	Age: 23	2015 CHEVROLET				
	Veh Type:		Sobriety: HNBD	Assoc Factor: Inattention		Lap/Shoulder Harness Used	Not Stated			
Party 2	Pedestrian	West	Proceeding Straight	Female	Age: 11					
	Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent		Not Required	Not Stated			

Settings for Query:

Street: FULTON ST

Cross Street: LINDA VISTA RD

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: ~~2~~ 1

Injury Collisions: ~~1~~ 0

Fatal Collisions: 1

Collision Summary Report

6/15/18

INDIA ST & WASHINGTON ST

Page 1 of 1

506023	7/21/2015	13:30	Tuesday	WASHINGTON ST - INDIA ST			0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
Vehicle - Pedestrian		Pedestrian	Unsafe Starting or Backing			22106	Hit & Run: No	Complaint of Pain		# Inj: 1	# Killed: 0
Party 1	Driver	West	Backing		Male	Age: 39	2009 SATURN		Sport Utility Vehicle		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent			Lap/Shoulder Harness Used		Cell Phone Not In Use		
Party 2	Pedestrian	North	Not Stated		Female	Age: 53			Cell Phone Not In Use		
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent					Cell Phone Not In Use		
508837	9/25/2015	16:02	Friday	WASHINGTON ST - INDIA ST			0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
Vehicle - Pedestrian		Pedestrian	Other Hazardous Movement			21950A	Hit & Run: No	Fatal		# Inj: 0	# Killed: 1
Party 1	Driver	North	Making Left Turn		Male	Age: 45	2013 FORD		Tour Bus		
Veh Type: Other Bus		Sobriety: HNBD		Assoc Factor: None Apparent			Lap/Shoulder Harness Used		Cell Phone Not In Use		
Party 2	Pedestrian	South	Not Stated		Female	Age: 66			Cell Phone Not In Use		
Veh Type:		Sobriety: Impairment Not Kno		Assoc Factor: None Apparent					Cell Phone Not In Use		

Settings for Query:

Street: INDIA ST

Cross Street: WASHINGTON ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego
Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

SANTO RD & SHIELDS ST

Page 1 of 1

171755	3/3/2017	07:52	Friday	SANTO RD - SHIELDS ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0

Party 1	Driver	South	Making Right Turn	Female	Age: 33	2012 HONDA		
Veh Type:			Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Not Stated	
Party 2	Pedestrian	East	Proceeding Straight	Male	Age: 12			
Veh Type:			Sobriety: HNBD		Assoc Factor: None Apparent		Not Stated	

Settings for Query:

Street: SANTO RD
Cross Street: SHIELDS ST
Intersection Related: True
Involved With: Pedestrian
Sorted By: Date and Time

HSIP Project Intersections: Group 2 Collision Lists



City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 63

Injury Collisions: 63

Fatal Collisions: 0

Collision Summary Report

6/15/18

04TH AV & MARKET ST

Page 1 of 2

401941	3/14/2014	23:51	Friday	04TH AV - MARKET ST	0'	Direction: Not Stated	Dark - Street Lig	Cloudy	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	South	Making Left Turn	Female	Age: 35	1995 FORD	Passenger Car, Station Wagon, Jeep		
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent	Unknown	Cell Phone Not In Use		
Party 2	Pedestrian	North	Not Stated	Female	Age: 28		Pedestrian		
	Veh Type: Pedestrian		Sobriety: HBD Impairment Un		Assoc Factor: None Apparent	Not Required	Cell Phone Not In Use		
403157	4/23/2014	22:32	Wednesday	MARKET ST - 04TH AV	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Not Stated	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Male	Age: 36	2012 TOYOTA	Passenger Car, Station Wagon, Jeep		
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2	Pedestrian	North	Not Stated	Female	Age: 23		Pedestrian		
	Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: None Apparent		Cell Phone Not In Use		
603608	4/20/2016	18:22	Wednesday	04TH AV - MARKET ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:
	Vehicle - Pedestrian	Pedestrian		Unknown		Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	South	Making Right Turn	Male	Age: 41	2002 NISS	Sport Utility Vehicle		
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2	Pedestrian	West	Not Stated	Male	Age: 47		Pedestrian		
	Veh Type: Pedestrian		Sobriety: HBD Impairment Un		Assoc Factor: None Apparent		Cell Phone Not In Use		
606556	7/27/2016	17:48	Wednesday	MARKET ST - 04TH AV	0'	Direction: East	Daylight	Clear	Pty at Fault:
	Vehicle - Pedestrian	Pedestrian		Unknown		Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Male	Age: 31	2005 ACURA			
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2	Pedestrian	South	Proceeding Straight	Male	Age: 28				
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Cell Phone Not In Use		
172984	4/14/2017	02:10	Friday	04TH AV - MARKET ST	30'	Direction: South	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Auto R/W Violation	21453A	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Not Sta	Age:	2003 HONDA			
	Veh Type:		Sobriety: Not Stated		Assoc Factor: Inattention		Not Stated		
Party 2	Pedestrian	West	Other	Female	Age: 58				
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Not Stated		
178040	10/12/2017	23:21	Thursday	04TH AV - MARKET ST	18'	Direction: South	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Unsafe Speed	22350	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0

04TH AV & MARKET ST

Party 1 Driver	Not S	Proceeding Straight	Not Sta	Age:	Go-ped, ZIP Electric Scooter, Motobear
Veh Type: 94		Sobriety: Impairment Not Kno	Assoc Factor: Other		Not Stated
Party 2 Pedestrian	South	Other	Male	Age: 38	
Veh Type:		Sobriety: HBD Under Influen	Assoc Factor: Other		Not Stated

Settings for Query:

Street: 04TH AV
Cross Street: MARKET ST
Intersection Related: True
Involved With: Pedestrian
Sorted By: Date and Time

City of San Diego
Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

10TH AV & A ST

Page 1 of 1

408594	11/5/2014	10:45	Wednesday	A ST - 10TH AV	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Not Sta	Age:			Complaint of Pain	
Veh Type:			Sobriety: Impairment Not Kno	Assoc Factor: None Apparent		Not Stated			
Party 2	Pedestrian	Not S	Proceeding Straight	Male	Age: 32			No Injury	
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent		Not Stated			

Settings for Query:

Street: 10TH AV

Cross Street: A ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 42

Injury Collisions: 32

Fatal Collisions: 0

Collision Summary Report

6/15/18

04TH AV & UNIVERSITY AV

Page 1 of 2

600036		12/30/2015	10:00	Wednesday	UNIVERSITY AV - 04TH AV		12'	Direction: East	Daylight	Clear	Pty at Fault:1
		Head-On		Pedestrian	Other Hazardous Movement		21950A	Hit & Run: No	Property Damage Only	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn		Male	Age: 70	2015 FORD		Other Visible Injury		
Veh Type:			Sobriety: HNBD		Assoc Factor: Inattention		Lap/Shoulder Harness Used		Not Stated		
Party 2	Pedestrian	North	Proceeding Straight		Male	Age: 60					
Veh Type:			Sobriety: HNBD		Assoc Factor: None Apparent		Not Required		Not Stated		
606900	8/9/2016	02:03	Tuesday	UNIVERSITY AV - 04TH AV	7'	Direction: East	Dark - Street Lig	Clear	Pty at Fault:1		
		Vehicle	Pedestrian	Pedestrian	Pedestrian Violation		21456B	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Pedestrian	South	Not Stated		Male	Age: 24	Pedestrian				
Veh Type: Pedestrian			Sobriety: HBD Under Influen		Assoc Factor: None Apparent		Not Stated				
Party 2	Driver	East	Making Left Turn		Male	Age: 21	2000 KIA		Passenger Car, Station Wagon, Jeep		
Veh Type: Passenger Car			Sobriety: HNBD		Assoc Factor: None Apparent		Lap/Shoulder Harness Used		Not Stated		
608332	9/30/2016	08:04	Friday	UNIVERSITY AV - 04TH AV	47'	Direction: East	Daylight	Clear	Pty at Fault:1		
		Vehicle	Pedestrian	Pedestrian	Other Hazardous Movement		21950B	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Pedestrian	East	Not Stated		Male	Age: 48	Pedestrian				
Veh Type:			Sobriety: HBD Under Influen		Assoc Factor: None Apparent		Cell Phone Not In Use				
Party 2	Driver	East	Proceeding Straight		Male	Age: 55	2005 NISSAN		Passenger Car, Station Wagon, Jeep		
Veh Type: Passenger Car			Sobriety: HNBD		Assoc Factor: None Apparent		Lap/Shoulder Harness Used		Cell Phone Not In Use		
174356	5/27/2017	23:37	Saturday	04TH AV - UNIVERSITY AV		3'	Direction: West	Dark - Street Lig	Clear	Pty at Fault:0	
		Head-On		Pedestrian	Other Hazardous Movement		21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn		Female	Age: 26	2016 HONDA				
Veh Type:			Sobriety: HNBD		Assoc Factor: Inattention		Lap/Shoulder Harness Used		Not Stated		
Party 2	Pedestrian	North	Proceeding Straight		Female	Age: 31					
Veh Type:			Sobriety: HNBD		Assoc Factor: None Apparent				Not Stated		
Party 3	Pedestrian	North	Proceeding Straight		Male	Age: 28					
Veh Type:			Sobriety: HNBD		Assoc Factor: None Apparent				Not Stated		
Party 4	Driver	North	Not Stated		Male	Age: 22					
Veh Type:			Sobriety: Not Stated		Assoc Factor: Not Stated						

Settings for Query:

Street: 04TH AV

Cross Street: UNIVERSITY AV

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

HSIP Project Intersections: Group 3 Collision Lists



City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: ~~3~~ 2

Injury Collisions: ~~3~~ 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

07TH AV & UNIVERSITY AV

Page 1 of 1

509997	11/28/2015	21:13	Saturday	UNIVERSITY AV - 07TH AV	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:0
	Broadside		Pedestrian	Pedestrian Violation	21456B	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Pedestrian	East	Proceeding Straight	Male	Age: 27				
Veh Type:			Sobriety: HBD Under Influen	Assoc Factor: Inattention			Cell Phone Not In Use		
Party 2	Driver	East	Making Right Turn	Male	Age: 39	8 JEEP			
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
602112	3/7/2016	21:12	Monday	UNIVERSITY AV - 07TH AV	0'	Direction: Not Stated	Dark - Street Lig	Raining	Pty at Fault:0
	Vehicle - Pedestrian		Pedestrian	Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	South	Making Left Turn	Female	Age: 39	2011 TOYOTA	Passenger Car, Station Wagon, Jeep		
Veh Type:	Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed	Cell Phone Not In Use			
Party 2	Pedestrian	North	Proceeding Straight	Female	Age: 25				
Veh Type:			Sobriety: HNBD	Assoc Factor: Not Stated		Cell Phone Not In Use			
609416	11/7/2016	10:00	Monday	UNIVERSITY AV - 07TH AV	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:0
	Vehicle - Pedestrian		Pedestrian	Improper Turning	22100A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Making Left Turn	Male	Age: 49	2012 HYUNDAI			
Veh Type:			Sobriety: HNBD	Assoc Factor: Inattention	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	South	Proceeding Straight	Female	Age: 50				
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent		Not Stated			

Settings for Query:

Street: 07TH AV

Cross Street: UNIVERSITY AV

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 2 1

Injury Collisions: 2 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

10TH AV & E ST

Page 1 of 1

508440	10/7/2015	08:27	Wednesday	10TH AV - E ST	0'	Direction: South	Daylight	Clear	Pty at Fault:0
Occurred on 10th St & B St	Vehicle	Pedestrian	Pedestrian	Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	South	Making Left Turn	Male	Age: 49	2001 DODGE	Motorcycle			
Veh Type: Motorcycle		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2 Pedestrian	East	Proceeding Straight	Male	Age: 31					
Veh Type:		Sobriety: Not Stated		Assoc Factor: None Apparent		Not Stated			
170568	1/18/2017	20:25	Wednesday	E ST - 10TH AV	12'	Direction: East	Not Stated	Raining	Pty at Fault:1
	Sideswipe	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Making Left Turn	Male	Age: 25	2016 CHRY				
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Not Stated			
Party 2 Pedestrian	North	Proceeding Straight	Male	Age: 48					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Not Stated			

Settings for Query:

Street: 10TH AV

Cross Street: E ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

**City of San Diego
Traffic Engineering Operations**

From 1/1/2014 to 12/31/2017

Total Collisions: 2

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

10TH AV & MARKET ST

Page 1 of 1

401203	2/14/2014	11:45	Friday	10TH AV - MARKET ST	3'	Direction: East	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Making Left Turn		Male	Age: 59	2002 KIA			Other Visible Injury
Veh Type:		Sobriety: HNBD			Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2 Pedestrian	North	Proceeding Straight		Female	Age: 26				No Injury
Veh Type:		Sobriety: HNBD			Assoc Factor: None Apparent		Cell Phone Not In Use		
178486	10/28/2017	12:25	Saturday	10TH AV - MARKET ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Broadside	Pedestrian		Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Not Stated Making Left Turn		Not Sta	Age:				
Veh Type:		Sobriety: Not Stated			Assoc Factor: None Apparent		Not Stated		
Party 2 Pedestrian	South	Not Stated		Male	Age: 41				
Veh Type:		Sobriety: Not Stated			Assoc Factor: None Apparent		Not Stated		

Settings for Query:

Street: 10TH AV

Cross Street: MARKET ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: **3** 1

Injury Collisions: **3** 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

52ND ST & EL CAJON BL

Page 1 of 1

503805	5/6/2015	17:45	Wednesday	EL CAJON BL - 52ND ST	0'	Direction: East	Daylight	Cloudy	Pty at Fault:0
Vehicle	Pedestrian	Pedestrian	Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0	
Party 1 Driver	East	Making Left Turn	Female	Age: 27	2012 NISSAN	No Injury			
Veh Type:	Sobriety: HNBD	Assoc Factor: Inattention	Lap/Shoulder Harness Used	Cell Phone Not In Use					
Party 2 Pedestrian	South	Proceeding Straight	Female	Age: 60	Other Visible Injury				
Veh Type:	Sobriety: HBD Under Influen	Assoc Factor: None Apparent	Not Required	Cell Phone Not In Use					
605147	6/16/2016	20:40	Thursday	EL CAJON BL - 52ND ST	17'	Direction: West	Dark - Street Lig	Clear	Pty at Fault:1
Vehicle - Pedestrian	Pedestrian	Ped R/W Violation	21952	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0		
Party 1 Driver	West	Making Left Turn	Male	Age: 71	2003 KIA	Cell Phone Not In Use			
Veh Type:	Sobriety: HNBD	Assoc Factor: None Apparent							
Party 2 Pedestrian	South	Proceeding Straight	Male	Age: 70	Cell Phone Not In Use				
Veh Type:	Sobriety: HBD Not Under Infl	Assoc Factor: None Apparent							
607830	9/15/2016	19:28	Thursday	EL CAJON BL - 52ND ST	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:0
Vehicle	Pedestrian	Pedestrian	Other Hazardous Movement	21950B	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0	
Party 1 Pedestrian	South	Entering Traffic	Male	Age: 44	Not Stated				
Veh Type:	Sobriety: Impairment Not Kno	Assoc Factor: None Apparent							
Party 2 Driver	East	Proceeding Straight	Male	Age: 60	2005 ACURA	Not Stated			
Veh Type:	Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Not Stated					

Settings for Query:

Street: 52ND ST

Cross Street: EL CAJON BL

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 3 1

Injury Collisions: 3 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

EL CAJON BL & WINONA AV

Page 1 of 1

409479	12/6/2014	11:40	Saturday	EL CAJON BL - WINONA AV	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
Vehicle	Pedestrian	Pedestrian	Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0	
Party 1	Driver	North	Making Right Turn	Male	Age: 52	2000 FORD	Passenger Car, Station Wagon, Jeep		
Veh Type:	Passenger Car	Sobriety:	HNBD	Assoc Factor:	None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2	Pedestrian	West	Proceeding Straight	Male	Age: 79		Cell Phone Not In Use		
Veh Type:		Sobriety:	HNBD	Assoc Factor:	None Apparent				
610267	12/9/2016	18:56	Friday	EL CAJON BL - WINONA AV	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
Vehicle - Pedestrian	Pedestrian	Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0		
Party 1	Driver	West	Making Left Turn	Male	Age: 45	2010 ACURA			
Veh Type:	0A	Sobriety:	HNBD	Assoc Factor:	None Apparent	Lap/Shoulder Harness Used	Not Stated		
Party 2	Pedestrian	South	Proceeding Straight	Male	Age: 77				
Veh Type:		Sobriety:	HNBD	Assoc Factor:	None Apparent	Not Required	Not Stated		

Settings for Query:

Street: EL CAJON BL
Cross Street: WINONA AV
Intersection Related: True
Involved With: Pedestrian
Sorted By: Date and Time

City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 4 2

Injury Collisions: 3 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

FRONT ST & WASHINGTON ST

Page 1 of 1

403066	4/28/2014	03:20	Monday	WASHINGTON ST - FRONT ST	36'	Direction: East	Dark - Street Lig	Clear	Pty at Fault:0
Vehicle	Pedestrian	Pedestrian	Pedestrian Violation	21456B	Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0	
Party 1 Driver	Not S	Not Stated	Not Sta	Age:					
Veh Type:		Sobriety: Impairment	Not Kno	Assoc Factor: Violation		Not Stated			
Party 2 Driver	Not S	Not Stated	Not Sta	Age:					
Veh Type:		Sobriety: HBD Under Influen	Assoc Factor: Violation			Not Stated			
407947	10/7/2014	14:30	Tuesday	FRONT ST - WASHINGTON ST	0'	Direction: Not Stated	Daylight	Cloudy	Pty at Fault:0
Vehicle	Pedestrian	Pedestrian	Ped R/W Violation	21950A	Hit & Run: No	Property Damage Only	# Inj: 1	# Killed: 0	
Party 1 Driver	South	Slowing/Stopping	Female	Age: 51	11 LEXUS				
Veh Type: 0A		Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Not Stated				
Party 2 Pedestrian	East	Not Stated	Female	Age: 18					
Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent	Not Required	Not Stated				
500626	1/22/2015	07:35	Thursday	WASHINGTON ST - FRONT ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:0
Vehicle - Pedestrian	Pedestrian	Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0		
Party 1 Driver	East	Making Left Turn	Female	Age: 30	2010 TOYOTA				
Veh Type:		Sobriety: HNBD	Assoc Factor: Vision Obscureme	Lap Belt Used	Not Stated				
Party 2 Pedestrian	North	Proceeding Straight	Female	Age: 30					
Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent	Not Stated					
501951	2/22/2015	20:00	Sunday	FRONT ST - WASHINGTON ST	0'	Direction: Not Stated	Dark - Street Lig	Raining	Pty at Fault:
Vehicle - Pedestrian	Pedestrian	Not Stated	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0			
Party 1 Driver	North	Making Right Turn	Not Sta	Age:					
Veh Type:		Sobriety: Impairment	Not Kno	Assoc Factor: None Apparent	Not Stated				
Party 2 Pedestrian	West	Not Stated	Male	Age: 50					
Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent	Cell Phone Not In Use					

Settings for Query:

Street: FRONT ST

Cross Street: WASHINGTON ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego
Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 2

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

HAMMOND DR & SANDROCK RD

Page 1 of 1

501168	2/10/2015	17:47	Tuesday	SANDROCK RD - HAMMOND DR		0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation		21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 66	2012 NISSAN				
	Veh Type:		Sobriety: HNBD		Assoc Factor: Not Stated	Lap/Shoulder Harness Used	Not Stated			
Party 2	Pedestrian	East	Proceeding Straight	Male	Age: 15					
	Veh Type:		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated			
507995	9/7/2015	18:49	Monday	HAMMOND DR - SANDROCK RD		0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation		21950A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Female	Age: 44	2006 HONDA		Sport Utility Vehicle		
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Inattention	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	North	Not Stated	Female	Age: 67					
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Cell Phone Not In Use			

Settings for Query:

Street: HAMMOND DR

Cross Street: SANDROCK RD

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

**City of San Diego
Traffic Engineering Operations**

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

INGRAHAM ST & PACIFIC BEACH DR

Page 1 of 1

400936	1/27/2014	14:05	Monday	INGRAHAM ST - PACIFIC BEACH DR			0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Ped R/W Violation			21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Making Left Turn	Female	Age: 55	2006 CHEV	Passenger Car, Station Wagon, Jeep			No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent			Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	East	Not Stated	Female	Age: 31		Pedestrian			Complaint of Pain	
Veh Type: Pedestrian		Sobriety: Not Stated		Assoc Factor: None Apparent			Cell Phone Not In Use				

Settings for Query:

Street: INGRAHAM ST

Cross Street: PACIFIC BEACH DR

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego
Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

06TH AV & EL PRADO

Page 1 of 1

402817	4/17/2014	18:09	Thursday	06TH AV - EL PRADO	12'	Direction: West	Daylight	Cloudy	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0

Party 1	Driver	North	Making Left Turn	Female	Age: 67	2011 HYUNDAI		
Veh Type:			Sobriety: HNBD		Assoc Factor: Inattention	Lap/Shoulder Harness Used	Not Stated	
Party 2	Pedestrian	West	Other	Female	Age: 46			
Veh Type:			Sobriety: HNBD		Assoc Factor: None Apparent		Not Stated	

Settings for Query:

Street: 06TH AV

Cross Street: EL PRADO

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 6 5

Injury Collisions: 6 5

Fatal Collisions: 0

Collision Summary Report

6/15/18

SWIFT AV & UNIVERSITY AV

Page 1 of 2

402204	3/25/2014	06:20	Tuesday	UNIVERSITY AV - SWIFT AV		0'	Direction: Not Stated	Dusk - Dawn	Cloudy	Pty at Fault:1
	Head-On		Pedestrian	Ped R/W Violation		21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	West	Making Left Turn		Male	Age: 23	2009 CHEVROLET				No Injury
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2 Pedestrian	South	Proceeding Straight		Male	Age: 21					Other Visible Injury
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Not Required	Cell Phone Not In Use			
405283	7/15/2014	05:57	Tuesday	UNIVERSITY AV - SWIFT AV		15'	Direction: South	Daylight	Cloudy	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Not Stated		21950C	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	West	Making Left Turn		Female	Age: 47	2012 FORD				
Veh Type:		Sobriety: HNBD		Assoc Factor: Inattention		Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2 Pedestrian	South	Proceeding Straight		Male	Age: 62					
Veh Type:		Sobriety: HNBD		Assoc Factor: Not Stated			Cell Phone Not In Use			
407229	9/17/2014	07:47	Wednesday	UNIVERSITY AV - SWIFT AV		8'	Direction: East	Daylight	Clear	Pty at Fault:
	Head-On		Pedestrian	Not Stated			Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Pedestrian	North	Proceeding Straight		Female	Age: 54					No Injury
Veh Type:		Sobriety: HNBD		Assoc Factor: Inattention		Not Required	Cell Phone Not In Use			
Party 2 Driver	South	Making Left Turn		Female	Age: 48	1998 NISSAN				Complaint of Pain
Veh Type:		Sobriety: HNBD		Assoc Factor: Other		Lap Belt Used	Cell Phone Not In Use			
500972	2/3/2015	09:24	Tuesday	UNIVERSITY AV - SWIFT AV		0'	Direction: Not Stated	Daylight	Not Stated	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation		21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	South	Making Left Turn		Male	Age: 39	2003 TOYOTA				
Veh Type:		Sobriety: HNBD		Assoc Factor: Inattention		Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2 Pedestrian	North	Proceeding Straight		Female	Age: 24					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent			Cell Phone Not In Use			
506896	8/15/2015	16:12	Saturday	UNIVERSITY AV - SWIFT AV		5'	Direction: South	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Improper Turning		22107	Hit & Run: Felony	Severe Injury	# Inj: 1	# Killed: 0
Party 1 Driver	East	Making Left Turn		Male	Age: 32	1995 LEXUS				
Veh Type: 4D		Sobriety: HBD Under Influen		Assoc Factor: None Apparent		Unknown	Not Stated			
Party 2 Pedestrian	Not S	Stopped In Road		Female	Age: 45					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent			Not Stated			
509913	11/24/2015	08:43	Tuesday	UNIVERSITY AV - SWIFT AV		9'	Direction: East	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement		21950A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0

SWIFT AV & UNIVERSITY AV

Party 1	Driver	East	Making Left Turn	Male	Age: 25	2014 TOYOTA		
Veh Type:			Sobriety: Not Stated		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use	
Party 2	Pedestrian	North	Proceeding Straight	Female	Age: 23			
Veh Type:			Sobriety: Not Stated		Assoc Factor: None Apparent	Not Required	Cell Phone Not In Use	

Settings for Query:

Street: SWIFT AV
Cross Street: UNIVERSITY AV
Intersection Related: True
Involved With: Pedestrian
Sorted By: Date and Time

HSIP Project Intersections: Group 4 Collision Lists



City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 4

Injury Collisions: 4

Fatal Collisions: 0

Collision Summary Report

6/15/18

11TH AV & MARKET ST

Page 1 of 1

608374	9/27/2016	16:00	Tuesday	MARKET ST - 11TH AV	0'	Direction: Not Stated	Daylight	Cloudy	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Improper Turning	22107	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Not Sta	Age:				
Veh Type:			Sobriety: Impairment Not Kno	Assoc Factor: Inattention			Not Stated		
Party 2	Pedestrian	East	Proceeding Straight	Male	Age: 69				
Veh Type:			Sobriety: Impairment Not Kno	Assoc Factor: None Apparent			Not Stated		
609711	11/5/2016	21:10	Saturday	MARKET ST - 11TH AV	5'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Head-On	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: Misde	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1	Driver	North	Making Left Turn	Not Sta	Age:				
Veh Type:			Sobriety: Impairment Not Kno	Assoc Factor: None Apparent			Cell Phone Not In Use		
Party 2	Pedestrian	West	Proceeding Straight	Male	Age: 33				
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent			Cell Phone Not In Use		
Party 3	Pedestrian	West	Proceeding Straight	Female	Age: 23				
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent			Cell Phone Not In Use		
171802	3/3/2017	21:50	Friday	11TH AV - MARKET ST	10'	Direction: North	Dark - Street Lig	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 61	2009 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep		
Veh Type:	Passenger Car		Sobriety: HNBD	Assoc Factor: None Apparent		Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2	Pedestrian	West	Not Stated	Male	Age: 52				
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent			Cell Phone Not In Use		
174229	5/27/2017	19:20	Saturday	MARKET ST - 11TH AV	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Pedestrian Violation	21456B	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	North	Not Stated	Female	Age: 29	2016 VOLKSWAGEN			
Veh Type:	UV		Sobriety: Not Stated	Assoc Factor: Not Stated		Lap/Shoulder Harness Used	Not Stated		
Party 2	Pedestrian	West	Not Stated	Male	Age: 25				
Veh Type:			Sobriety: Not Stated	Assoc Factor: Not Stated			Not Stated		

Settings for Query:

Street: 11TH AV

Cross Street: MARKET ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 63

Injury Collisions: 63

Fatal Collisions: 0

Collision Summary Report

6/15/18

52ND ST & UNIVERSITY AV

Page 1 of 2

504106	5/12/2015	13:31	Tuesday	UNIVERSITY AV - 52ND ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	West	Making Left Turn	Female Age: 67	2008 FORD	Passenger Car, Station Wagon, Jeep			
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	South	Proceeding Straight	Female Age: 76		Cell Phone Not In Use			
	Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent					
510269	12/8/2015	08:16	Tuesday	UNIVERSITY AV - 52ND ST	9'	Direction: East	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Male Age: 61	2015 TOYOTA	Lap/Shoulder Harness Used			
	Veh Type:		Sobriety: Not Stated	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	North	Proceeding Straight	Male Age: 59		Cell Phone Not In Use			
	Veh Type:		Sobriety: Not Stated	Assoc Factor: None Apparent					
600838	1/29/2016	17:00	Friday	52ND ST - UNIVERSITY AV	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	South	Making Right Turn	Female Age: 40	2007 DODGE	Lap/Shoulder Harness Used			
	Veh Type:		Sobriety: HNBD	Assoc Factor: Inattention	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	East	Proceeding Straight	Female Age: 56		Cell Phone Not In Use			
	Veh Type:		Sobriety: HNBD	Assoc Factor: None Apparent	Not Required	Cell Phone Not In Use			
601847	2/25/2016	13:30	Thursday	UNIVERSITY AV - 52ND ST	2'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Pedestrian		8	Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Not Stated	Not Sta Age:		Not Stated			
	Veh Type:		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated			
Party 2	Pedestrian	South	Other	Female Age: 63		Not Stated			
	Veh Type:		Sobriety: HNBD	Assoc Factor: Not Stated	Not Required	Not Stated			
602595	3/24/2016	11:30	Thursday	UNIVERSITY AV - 52ND ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Unsafe Starting or Backing	22106	Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Right Turn	Not Sta Age:		Cell Phone Handheld In Use			
	Veh Type:		Sobriety: Not Stated	Assoc Factor: Violation					
Party 2	Pedestrian	South	Proceeding Straight	Male Age: 55		Not Stated			
	Veh Type:		Sobriety: Not Stated	Assoc Factor: Not Stated					
605997	7/16/2016	18:45	Saturday	UNIVERSITY AV - 52ND ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Head-On		Pedestrian	Pedestrian Violation	21456B	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0

52ND ST & UNIVERSITY AV

Party 1	Pedestrian	West	Proceeding Straight	Male	Age: 16		
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent		Cell Phone Not In Use	
Party 2	Driver	North	Making Right Turn	Male	Age: 63	1989 TOYOTA	
Veh Type: OP			Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use	

Settings for Query:

Street: 52ND ST
Cross Street: UNIVERSITY AV
Intersection Related: True
Involved With: Pedestrian
Sorted By: Date and Time

City of San Diego
Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

54TH ST & LEA ST

Page 1 of 1

603670	4/28/2016	20:40	Thursday	54TH ST - LEA ST	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0

Party 1 Driver South Making Left Turn Not Sta Age: HOND
Veh Type: Sobriety: Impairment Not Kno Assoc Factor: None Apparent
Party 2 Pedestrian West Proceeding Straight Female Age: 18
Veh Type: Sobriety: HNBD Assoc Factor: None Apparent

Not Stated

Cell Phone Not In Use

Settings for Query:

Street: 54TH ST

Cross Street: LEA ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 2

Injury Collisions: 1 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

B ST & PARK BL

Page 1 of 1

406089	8/14/2014	16:46	Thursday	B ST - PARK BL	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Making Left Turn	Not Sta	Age:		Unknown Hit and Run Vehicle Involvem		
	Veh Type: Other		Sobriety: Impairment Not Kno	Assoc Factor: None Apparent			Cell Phone Not In Use		
Party 2	Pedestrian	East	Not Stated	Male	Age: 43		Pedestrian		
	Veh Type: Pedestrian		Sobriety: HNBD	Assoc Factor: None Apparent	Not Required		Cell Phone Not In Use		
508752	9/28/2015	15:50	Monday	B ST - PARK BL	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Sideswipe	Pedestrian		Pedestrian Violation	A	Hit & Run: No	Property Damage Only	# Inj: 01	# Killed: 0
Party 1	Pedestrian	South	Not Stated	Male	Age: 15		Complaint of Pain		
	Veh Type:		Sobriety: Not Stated	Assoc Factor: Violation			Not Stated		
Party 2	Driver	Not S	Making Right Turn	Not Sta	Age: 2005 DODG		Passenger Car, Station Wagon, Jeep		
	Veh Type: Passenger Car		Sobriety: Not Stated	Assoc Factor: Not Stated			Not Stated		

Settings for Query:

Street: B ST

Cross Street: PARK BL

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: 4 3

Injury Collisions: 4 3

Fatal Collisions: 0

Collision Summary Report

6/15/18

EUCLID AV & NARANJA ST

Page 1 of 1

506740	8/13/2015	05:43	Thursday	EUCLID AV - NARANJA ST	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21451A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Other	North	Making Left Turn	Male Age: 65	1995 MERZ				
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	West	Proceeding Straight	Male Age: 50					
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent		Cell Phone Not In Use			
508446	10/7/2015	06:34	Wednesday	EUCLID AV - NARANJA ST	45'	Direction: North	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Not Stated	21960A	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1	Driver	East	Making Left Turn	Male Age: 40	2006 FORD		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type:	Passenger Car		Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	West	Proceeding Straight	Female Age: 53				Other Visible Injury	
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent		Cell Phone Not In Use			
Party 3	Pedestrian	West	Proceeding Straight	Male Age: 51				Other Visible Injury	
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent		Cell Phone Not In Use			
603742	4/30/2016	14:33	Saturday	EUCLID AV - NARANJA ST	0'	Direction: West	Daylight	Clear	Pty at Fault:0
	Not Stated		Pedestrian	Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Female Age: 21	2002 PONT				
Veh Type:			Sobriety: HNBD	Assoc Factor: Not Stated	Unknown	Not Stated			
Party 2	Pedestrian	Not S	Other	Female Age: 19					
Veh Type:			Sobriety: HNBD	Assoc Factor: Not Stated	Not Required	Not Stated			
171839	3/2/2017	07:35	Thursday	EUCLID AV - NARANJA ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Right Turn	Female Age: 35	1995 TOYOTA		Passenger Car, Station Wagon, Jeep		
Veh Type:	Passenger Car		Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use			
Party 2	Pedestrian	North	Not Stated	Female Age: 64		Pedestrian			
Veh Type:	Pedestrian		Sobriety: HNBD	Assoc Factor: None Apparent		Cell Phone Not In Use			

Settings for Query:

Street: EUCLID AV

Cross Street: NARANJA ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 3 2

Injury Collisions: 3 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

GARNET AV & MISSION BL

Page 1 of 1

409130	11/21/2014	01:49	Friday	MISSION BL - GARNET AV	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Making Right Turn		Male Age: 22	2009 MITS		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influen		Assoc Factor: Violation		Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2 Pedestrian	West	Not Stated		Female Age: 22				Complaint of Pain	
Veh Type:		Sobriety: Not Stated		Assoc Factor: None Apparent			Cell Phone Not In Use		
Party 3 Pedestrian	West	Not Stated		Female Age: 22				No Injury	
Veh Type:		Sobriety: Not Stated		Assoc Factor: None Apparent			Cell Phone Not In Use		
507770	9/13/2015	16:30	Sunday	GARNET AV - MISSION BL	1'	Direction: North	Daylight	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21663	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female Age: 44	2013 GEM				
Veh Type:		Sobriety: Sleepy - Fatigued		Assoc Factor: Defective Vehicle	None In Vehicle		Not Stated		
Party 2 Driver	Not S	Other		Female Age: 62					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Not Required		Not Stated		
Party 3 Pedestrian	Not S	Not Stated		Male Age: 3					
Veh Type:		Sobriety: Not Stated		Assoc Factor: Not Stated	Not Required		Not Stated		
603360	4/9/2016	15:13	Saturday	MISSION BL - GARNET AV	3'	Direction: South	Daylight	Cloudy	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Making Left Turn		Female Age: 21	2014 CHEV				
Veh Type: OA		Sobriety: HNBD		Assoc Factor: None Apparent		Lap/Shoulder Harness Used	Not Stated		
Party 2 Pedestrian	Not S	Stopped In Road		Male Age: 46					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent			Not Stated		

Settings for Query:

Street: GARNET AV
Cross Street: MISSION BL
Intersection Related: True
Involved With: Pedestrian
Sorted By: Date and Time

**City of San Diego
Traffic Engineering Operations**

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

05TH AV & WASHINGTON ST (E)

Page 1 of 1

610655	12/21/2016	18:35	Wednesday	WASHINGTON ST - 05TH AV (E)	0'	Direction: Not Stated	Dark - Street Lig	Raining	Pty at Fault:0
	Head-On		Pedestrian	Other Hazardous Movement	21950A	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0

Party 1 Driver	North	Making Right Turn	Male	Age: 78	2010 CADILLAC		
Veh Type: 4D		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use	
Party 2 Pedestrian	North	Proceeding Straight	Female	Age: 63			
Veh Type:		Sobriety: HNBD		Assoc Factor: Not Stated	Not Required	Not Stated	
Party 3 Pedestrian	North	Proceeding Straight	Male	Age: 67			
Veh Type:		Sobriety: HNBD		Assoc Factor: Not Stated	Not Required	Not Stated	

Settings for Query:

Street: 05TH AV

Cross Street: WASHINGTON ST (E)

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: ~~8~~ 4

Injury Collisions: ~~7~~ 4

Fatal Collisions: 0

Collision Summary Report

6/15/18

DEEP DELL RD & PARADISE VALLEY RD

Page 1 of 2

401634	3/3/2014	06:54	Monday	PARADISE VALLEY RD - DEEP DELL RD	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	South	Making Left Turn		Male Age: 39	2010 FORD				
Veh Type: PK		Sobriety: HNBD		Assoc Factor: None Apparent	Unknown		Cell Phone Not In Use		
Party 2 Pedestrian	North	Proceeding Straight		Female Age: 16					
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent			Cell Phone Not In Use		
405571	7/7/2014	06:19	Monday	PARADISE VALLEY RD - DEEP DELL RD	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Not Stated	21458B	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	South	Not Stated		Female Age: 49			Pedestrian		
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: None Apparent			Cell Phone Not In Use		
Party 2 Driver	West	Proceeding Straight		Female Age: 31	2011 CHEVROLET		Sport Utility Vehicle		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Inattention	Lap/Shoulder Harness Used		Cell Phone Not In Use		
503529	4/11/2015	07:16	Saturday	PARADISE VALLEY RD - DEEP DELL RD	43'	Direction: East	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Pedestrian Violation	21954A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	North	Not Stated		Female Age: 16			Pedestrian		
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: None Apparent			Cell Phone Not In Use		
Party 2 Driver	East	Making Left Turn		Male Age: 60	2000 CHEVROLET		Sport Utility Vehicle		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Vision Obscureme	Lap/Shoulder Harness Used		Cell Phone Not In Use		
509779	10/27/2015	19:44	Tuesday	PARADISE VALLEY RD - DEEP DELL RD	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Pedestrian Violation	21456B	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	North	Not Stated		Male Age: 53			Pedestrian		
Veh Type: Pedestrian		Sobriety: HBD Impairment Un		Assoc Factor: Violation			Cell Phone Not In Use		
Party 2 Driver	West	Proceeding Straight		Female Age: 17	2014 FORD		Passenger Car, Station Wagon, Jeep		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Vision Obscureme	Lap/Shoulder Harness Used		Cell Phone Not In Use		
605327	4/18/2016	07:10	Monday	PARADISE VALLEY RD - DEEP DELL RD	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1 Driver	East	Not Stated		Male Age: 41	7 CHEVY				
Veh Type:		Sobriety: HNBD		Assoc Factor: Vision Obscureme			Not Stated		
Party 2 Driver	North	Not Stated		Male Age: 70					
Veh Type:		Sobriety: Not Stated		Assoc Factor: Not Stated			Not Stated		
607060	8/16/2016	08:55	Tuesday	PARADISE VALLEY RD - DEEP DELL RD	25'	Direction: North	Daylight	Clear	Pty at Fault:1
	Head-On	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0

DEEP DELL RD & PARADISE VALLEY RD

Party 1	Driver	South	Making Left Turn	Male	Age: 56	2002 FORD													
Veh Type:			Sobriety: HNBD			Assoc Factor: Vision Obscureme	Lap/Shoulder Harness Used	Cell Phone Not In Use											
Party 2	Pedestrian	North	Proceeding Straight	Female	Age: 16														
Veh Type:			Sobriety: HNBD			Assoc Factor: Not Stated		Not Stated											
172835		4/6/2017	12:32	Thursday		PARADISE VALLEY RD - DEEP DELL RD	0'	Direction: Not Stated	Daylight	Clear		Pty at Fault:0							
		Head On		Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Property Damage Only	# Inj: 1	# Killed: 0								
Party 1	Driver	East	Stopped In Road	Male	Age: 39	2015 MERC													
Veh Type:	Passenger Car		Sobriety: HNBD			Assoc Factor: Inattention	Lap/Shoulder Harness Used	Cell Phone Not In Use											
Party 2	Pedestrian	South	Proceeding Straight	Female	Age: 74														
Veh Type:			Sobriety: HNBD			Assoc Factor: Not Stated		Cell Phone Not In Use											
176438		8/16/2017	15:33	Wednesday		PARADISE VALLEY RD - DEEP DELL RD	3'	Direction: West	Daylight	Clear		Pty at Fault:1							
		Not Stated		Pedestrian		Pedestrian Violation		Hit & Run: Misd	Other Visible Injury	# Inj: 1	# Killed: 0								
Party 1	Pedestrian	North	Not Stated	Female	Age: 20														
Veh Type:			Sobriety: HNBD			Assoc Factor: None Apparent		Not Stated											
Party 2	Driver	Not S	Not Stated	Not Sta	Age:														
Veh Type:			Sobriety: Impairment Not Kno			Assoc Factor: Not Stated													

Settings for Query:

Street: DEEP DELL RD
Cross Street: PARADISE VALLEY RD
Intersection Related: True
Involved With: Pedestrian
Sorted By: Date and Time

City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 2 1

Injury Collisions: 2 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

JUAN ST & TAYLOR ST

Page 1 of 1

606902	8/12/2016	18:20	Friday	TAYLOR ST - JUAN ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1 Driver	South	Making Left Turn	Female	Age: 44	2002 NISSAN				
Veh Type: 4D		Sobriety: Impairment Not Kno	Assoc Factor: Vision Obscureme		Lap/Shoulder Harness Used	Not Stated			
Party 2 Pedestrian	South	Other	Female	Age: 54					
Veh Type:		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Required	Not Stated			
Party 3 Pedestrian	South	Other	Male	Age: 31					
Veh Type:		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Required	Not Stated			
176035	8/2/2017	21:59	Wednesday	TAYLOR ST - JUAN ST	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:2
	Vehicle - Pedestrian	Pedestrian		Unknown		Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	East	Proceeding Straight	Not Sta	Age:					
Veh Type:		Sobriety: Impairment Not Kno	Assoc Factor: None Apparent			Cell Phone Not In Use			
Party 2 Pedestrian	East	Entering Traffic	Male	Age: 47					
Veh Type: ED		Sobriety: HNBD	Assoc Factor: None Apparent		Not Required	Cell Phone Not In Use			

Settings for Query:

Street: JUAN ST

Cross Street: TAYLOR ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

HSIP Project Intersections: Group 5 Collision Lists



**City of San Diego
Traffic Engineering Operations**

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

04TH AV & A ST

Page 1 of 1

509518	11/10/2015	12:12	Tuesday	04TH AV - A ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Male	Age: 34	2014 NISSAN	Passenger Car, Station Wagon, Jeep		
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Inattention	Unknown	Cell Phone Not In Use	
Party 2	Pedestrian	South	Proceeding Straight	Female	Age: 58		Pedestrian		
	Veh Type: Pedestrian		Sobriety: HNBD			Assoc Factor: Inattention	Not Required	Cell Phone Not In Use	

Settings for Query:

Street: 04TH AV

Cross Street: A ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

**City of San Diego
Traffic Engineering Operations**

From 1/1/2014 to 12/31/2017

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

A ST & COLUMBIA ST

Page 1 of 1

400376	1/10/2014	17:25	Friday	A ST - COLUMBIA ST	0'	Direction: Not Stated	Dusk - Dawn	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0

Party 1 Driver	East	Making Left Turn	Male	Age: 71	2004 FORD	Sport Utility Vehicle
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use
Party 2 Pedestrian	South	Not Stated	Female	Age: 63		
Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent		Cell Phone Not In Use

Settings for Query:

Street: A ST

Cross Street: COLUMBIA ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

**City of San Diego
Traffic Engineering Operatons**

From 1/1/2014 to 12/31/2017

Total Collisions: 2

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

BEECH ST & FRONT ST

Page 1 of 1

509679	11/15/2015	12:55	Sunday	BEECH ST - FRONT ST	15'	Direction: East	Daylight	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Auto R/W Violation	21801A	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	Not S	Making Left Turn	Not Sta	Age:				
	Veh Type:		Sobriety: Impairment	Not Kno	Assoc Factor: None Apparent		Not Stated		
Party 2	Pedestrian	North	Proceeding Straight	Female	Age: 40				
	Veh Type:		Sobriety: HNBD		Assoc Factor: None Apparent	Not Required	Not Stated		
601731	2/19/2016	04:43	Friday	FRONT ST - BEECH ST	0'	Direction: South	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	South	Making Left Turn	Male	Age: 50	2004 TOYOTA	Passenger Car, Station Wagon, Jeep		
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Not Stated		
Party 2	Pedestrian	East	Other	Male	Age: 56		Pedestrian		
	Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		

Settings for Query:

Street: BEECH ST

Cross Street: FRONT ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operatons

From 1/1/2014 to 12/31/2017

Total Collisions: ~~6~~ 5

Injury Collisions: ~~6~~ 5

Fatal Collisions: 0

Collision Summary Report

6/15/18

ASH ST & FRONT ST

Page 1 of 2

403662	5/13/2014	13:30	Tuesday	FRONT ST - ASH ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
Vehicle - Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian Violation	21950B	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Pedestrian	East	Entering Traffic	Male	Age: 17					
Veh Type:	Sobriety: HNBD	Assoc Factor: None Apparent	Cell Phone Not In Use						
Party 2 Driver	South	Proceeding Straight	Male	Age: 40	2003 LEXUS	Sport Utility Vehicle			
Veh Type: Passenger Car	Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use					
406177	8/15/2014	16:54	Friday	ASH ST - FRONT ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
Vehicle - Pedestrian	Pedestrian	Pedestrian	Pedestrian	Ped R/W Violation	21950A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	West	Making Left Turn	Male	Age: 59	2008 NABI	Paratransit			
Veh Type: Other Bus	Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use					
Party 2 Pedestrian	West	Not Stated	Female	Age: 37					
Veh Type:	Sobriety: HNBD	Assoc Factor: None Apparent	Cell Phone Not In Use						
406464	8/22/2014	10:41	Friday	ASH ST - FRONT ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
Vehicle - Pedestrian	Pedestrian	Pedestrian	Not Stated	21950BVC	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0	
Party 1 Driver	South	Making Left Turn	Female	Age: 68	2013 TOYOTA				
Veh Type:	Sobriety: HNBD	Assoc Factor: Inattention	Shoulder Harness Used	Not Stated					
Party 2 Pedestrian	West	Proceeding Straight	Female	Age: 46					
Veh Type:	Sobriety: HNBD	Assoc Factor: None Apparent	Not Stated						
500181	12/30/2014	08:59	Tuesday	FRONT ST - ASH ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
Vehicle - Pedestrian	Pedestrian	Pedestrian	Other Hazardous Movement	21950A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0	
Party 1 Driver	West	Making Left Turn	Male	Age: 22	2005 CHEVROLET	Pickups & Panels			
Veh Type: Pickup Truck	Sobriety: HNBD	Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use					
Party 2 Pedestrian	West	Not Stated	Female	Age: 47					
Veh Type:	Sobriety: HNBD	Assoc Factor: None Apparent	Cell Phone Not In Use						
602579	3/7/2016	07:25	Monday	FRONT ST - ASH ST	12'	Direction: South	Daylight	Cloudy	Pty at Fault:1
Vehicle - Pedestrian	Pedestrian	Pedestrian	Other Hazardous Movement	21950C	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0	
Party 1 Driver	South	Making Left Turn	Male	Age: 53	2008 NEW FLY				
Veh Type:	Sobriety: HNBD	Assoc Factor: Vision Obscureme	Lap Belt Used	Cell Phone Not In Use					
Party 2 Pedestrian	West	Not Stated	Female	Age: 33					
Veh Type:	Sobriety: HNBD	Assoc Factor: Not Stated	Not Required	Cell Phone Not In Use					
174679	6/10/2017	13:22	Saturday	FRONT ST - ASH ST	33'	Direction: West	Daylight	Clear	Pty at Fault:1
Vehicle - Pedestrian	Pedestrian	Pedestrian	Other Hazardous Movement	21950A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0	

ASH ST & FRONT ST

Party 1	Driver	South	Making Left Turn	Male	Age: 35	2013 LINCOLN		
Veh Type:			Sobriety: HNBD		Assoc Factor: None Apparent	Shoulder Harness Used	Not Stated	
Party 2	Pedestrian	East	Proceeding Straight	Male	Age: 56			
Veh Type:			Sobriety: HNBD		Assoc Factor: None Apparent	Not Required	Not Stated	

Settings for Query:

Street: ASH ST
Cross Street: FRONT ST
Intersection Related: True
Involved With: Pedestrian
Sorted By: Date and Time

HSIP Project Intersections: Group 6 Collision Lists



City of San Diego
Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 2

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

05TH AV & ASH ST

Page 1 of 1

407490	9/29/2014	17:24	Monday	05TH AV - ASH ST	12'	Direction: North	Daylight	Clear	Pty at Fault:1
	Not Stated		Pedestrian	Pedestrian Violation	21950B	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	West	Making Left Turn		Male	Age: 28	2010 SUBARU			
Veh Type:		Sobriety: HNBD			Assoc Factor: Violation	Lap/Shoulder Harness Used	Not Stated		
Party 2 Pedestrian	North	Other		Female	Age: 26				
Veh Type:		Sobriety: HNBD			Assoc Factor: None Apparent	Not Required	Not Stated		
506932	8/12/2015	09:30	Wednesday	05TH AV - ASH ST	0'	Direction: Not Stated	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Making Left Turn		Male	Age: 59	2013 FORD	Mini Van		
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: None Apparent	Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2 Pedestrian	South	Not Stated		Female	Age: 27				
Veh Type:		Sobriety: HNBD			Assoc Factor: None Apparent		Cell Phone Not In Use		

Settings for Query:

Street: 05TH AV

Cross Street: ASH ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

City of San Diego Traffic Engineering Operations

From 1/1/2014 to 12/31/2017

Total Collisions: 2 1

Injury Collisions: 2 1

Fatal Collisions: 0

Collision Summary Report

6/15/18

11TH AV & C ST

Page 1 of 1

505617	7/10/2015	21:25	Friday	11TH AV - C ST	3'	Direction: South	Dusk - Dawn	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age:	TOYOTA			
Veh Type:			Sobriety: Impairment Not Kno	Assoc Factor: Violation			Not Stated		
Party 2	Pedestrian	East	Other	Female	Age: 23				
Veh Type:			Sobriety: HNBD	Assoc Factor: None Apparent	Not Required		Cell Phone Not In Use		
609918	11/6/2016	17:00	Sunday	11TH AV - C ST	39'	Direction: East	Dusk - Dawn	Clear	Pty at Fault:0
	Vehicle - Pedestrian	Pedestrian		Pedestrian Violation		Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Pedestrian	North	Entering Traffic	Female	Age: 17				
Veh Type:			Sobriety: HNBD	Assoc Factor: Not Stated	Not Required		Cell Phone Not In Use		
Party 2	Driver	East	Proceeding Straight	Male	Age: 27	2003 KIA			
Veh Type:			Sobriety: HNBD	Assoc Factor: Not Stated	Lap/Shoulder Harness Used		Cell Phone Not In Use		

Settings for Query:

Street: 11TH AV

Cross Street: C ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

**City of San Diego
Traffic Engineering Operatons**

From 1/1/2014 to 12/31/2017

Total Collisions: 2

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

6/15/18

11TH AV & G ST

Page 1 of 1

500369	1/12/2015	21:40	Monday	11TH AV - G ST	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Other Hazardous Movement	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Female	Age: 23	2000 BMW	Bicycle		
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Unfamiliar With R	Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2	Pedestrian	North	Proceeding Straight	Female	Age: 43				
	Veh Type:		Sobriety: HNBD		Assoc Factor: Not Stated	Not Required	Cell Phone Not In Use		
503326	4/18/2015	00:05	Saturday	G ST - 11TH AV	0'	Direction: Not Stated	Dark - Street Lig	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Ped R/W Violation	21950A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 32	2003 FORD		No Injury	
	Veh Type:		Sobriety: HNBD		Assoc Factor: Inattention	Lap/Shoulder Harness Used	Cell Phone Not In Use		
Party 2	Pedestrian	East	Proceeding Straight	Male	Age: 59			Complaint of Pain	
	Veh Type:		Sobriety: HNBD		Assoc Factor: Not Stated	Not Required	Cell Phone Not In Use		

Settings for Query:

Street: 11TH AV

Cross Street: G ST

Intersection Related: True

Involved With: Pedestrian

Sorted By: Date and Time

HSIP Analyzer



HSIP ANALYZER

Cost Estimate, Crash Data and Benefit Cost Ratio (BCR) Calculation for Highway Safety Improvement Program (HSIP) Application

Important: Review and follow the step-by-step instructions in "[Manual for HSIP Analyzer](#)". Completing the HSIP Analyzer without referencing to the manual may result in an application with fatal flaws that will be disqualified from the ranking and selection process.

All yellow highlighted fields must be filled in. The gray fields are calculated and read-only. This is a dynamic form (later steps vary depending on the data entered in earlier steps). If any error messages in red appear, fix the errors prior to proceeding to the next steps.

1. Application ID, Project Location and Project Description (copy from the HSIP Application Form):

Application ID:

11-San Diego-01

Save this file using the Application ID plus "Calc" as the file name (e.g. "07-Los Angeles-01Calc.pdf").

Project Location:
(limited to 250 characters)

66 intersections through out the City of San Diego

Project Description:
(limited to 250 characters)

Install leading pedestrian intervals with activated blank out signs, pedestrian countdown timers, and high visibility crosswalks.

2. Application Category (Check one):

Application Categories that require a Benefit Cost Ratio (BCR):

☒ Common BCR Application ☐ Set-aside for High Friction Surface Treatment

Application Categories that do NOT require a Benefit Cost Ratio (BCR):

☐ Set-aside for Guardrail Upgrades ☐ Set-aside for Horizontal Curve Signing
☐ Set-aside for Pedestrian Crossing Enhancements ☐ Set-aside for Tribes

Dual consideration?

If an Application Category that does not require a BCR is selected above, check this box to indicate your desire that this application will be considered as a Common BCR Application as well in case it does not get selected for funding under the set-aside category. If this box is checked, a benefit cost analysis is required so the project will have a BCR.

A safety benefit cost analysis is required for this application. This tool will guide through cost estimate, safety benefit evaluation and Benefit Cost Ratio (BCR) calculation.

Section I. Construction Cost Estimate and Cost Breakdown

The purpose of this section is to:

- Provide detailed engineer's estimate (for construction items only). The costs for other phases (PE, ROW, and CE) will be included in Section II.
- Test if countermeasures (CMs) (up to 3) are eligible for being used in the project benefit calculation. For a CM to be used in the project benefit calculation, the construction cost of the CM must be at least 15% of the project's total construction cost, unless an exception is requested. And
- Determine the project's maximum Federal Reimbursement Ratio (FRR).

I.1 Select up to 3 countermeasures (CMs) to be tested in the Engineer's Estimate:

Number of CMs to be used in this project:

CM No. 1:	S2: Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number
CM No. 2:	S19: Install pedestrian countdown signal heads
CM No. 3:	S20: Install pedestrian crossing (S.I.)

I.2 Detailed Engineer's Estimate for Construction Items:

Cost breakdown by CMs. For each item, enter a cost percentage for each of the CMs and "Other Safety-Related" (OS) components. (e.g. enter 10 for 10%). The cost % for "Non-Safety-Related" (NS) components is calculated.

	No.	Item Description	Unit	Quantity	Unit Cost	Total	% for CM#1 (S2)	% for CM#2 (S19)	% for CM#3 (S20)	% for OS*	% for NS**
+	1	Activated Blank Out Signs	EA	110	\$4519.00	497,090	100%	0%	0%	%	0
-											
+	2	170E Controller	EA	41	\$1402.00	57,482	100%	0%	0%	%	0
-											
+	3	High Visibility Crosswalk (per leg)	EA	160	\$2478.00	396,480	0%	0%	100%	%	0
-											
+	4	Pedestrian Countdown Timer	EA	268	\$137.00	36,716	0%	100%	0%	%	0
-											
+	5	Side Mounted Pedestrian Signal-1 Face Terminal Compartment	EA	4	\$507.00	2,028	0%	100%	0%	%	0
-											
+	6	Side Mounted Pedestrian Signal-2 Face Terminal Compartment	EA	20	\$761.00	15,220	0%	100%	0%	%	0
-											
		Weighted Average (%)					55%	5%	39%		
		Total (\$)				\$1,005,016					

* % for OS: Cost % for Other Safety-Related components;

** % for NS: Cost % for Non Safety-Related components.

Contingencies, as % of the above "Total" of the construction items:

(e.g. enter 10 for 10%)

Total Construction Cost (Con Items & Contingencies):

(Rounded up to the nearest hundreds)

I.3 Summary

3 CM(s) are eligible to be used in the project benefit calculation.

Countermeasure ID	Federal Funding Eligibility (FFE)	Cost %	Eligible to be used in benefit calculation?	Request exception to the 15% rule*
S2	100%	55.18%	Yes (\geq 15% cost)	<input type="checkbox"/>
S19	100%	5.37%	Yes ($<$ 15% cost) (Exception being requested)	<input checked="" type="checkbox"/>
S20	100%	39.45%	Yes (\geq 15% cost)	<input type="checkbox"/>

*By requesting an exception to the 15% rule, the CM with less than 15% of the construction cost will then be eligible to be used in the benefit calculation. If an exception is requested for any CM(s) above, please provide the reason (low cost treatment with significant safety benefits, etc.):

For countermeasure 19, an exception is being requested because pedestrian signal heads would be considered low cost treatment that is applied systemically to signalized intersections in the City, while providing significant safety benefits to pedestrians utilizing the crosswalk.

Project's Maximum Federal Reimbursement Ratio = 100.0%

The project's Maximum Federal Reimbursement Ratio is calculated as the least of the FFEs of the above countermeasures, minus the percentage of the non-safety related costs in excess of 10%. This is the maximum value allowed to be entered in "HSIP/Total (%)" column in Section II (Project Cost Estimate).

Section II. Project Cost Estimate

- All project costs, for all phases and by all funding sources, must be accounted for on this form.
- i. **"Total Cost"**: Round all costs up to the nearest hundred dollars.
 - ii. **"HSIP/Total (%)"**: The maximum allowed is the project's Federal Reimbursement Ratio (FRR) as determined in Section I. Click the button to assign the maximum to all, OR enter if not the maximum.
 - iii. **"HSIP Funds"** and **"Local/Other Funds"** are calculated.

Pay attention to the interactive warning/error messages below the table. The messages, if any, must be fixed, or exceptions should be justified in Question No. 5 in Section II of the HSIP Application Form.

Project's maximum Federal Reimbursement Ratio (FRR)
(from Section I, rounded up to integer)

100 %

To set all "HSIP/Total (%)" in the below table
to the above maximum FRR, click "Set":

Set

Description	Total Cost	HISP/Total (%)	HSIP Funds	Local/Other Funds
Preliminary Engineering (PE) Phase				
Environmental	\$0	100 %	\$0	\$0
PS&E	\$0	100 %	\$0	\$0
Subtotal - PE	\$0	%	\$0	\$0
Right of Way (ROW) Phase				
Right of Way Engineering	\$0	100 %	\$0	\$0
Appraisals, Acquisitions & Utilities	\$0	100 %	\$0	\$0
Subtotal - Right of Way (ROW)	\$0	%	\$0	\$0
Construction (CON) Phase				
Construction Engineering (CE)	\$0	100 %	\$0	\$0
Construction Items	\$1,206,100 (Read only - from Section I)	100 %	\$1,206,100	\$0
Subtotal - Construction	\$1,206,100	100 %	\$1,206,100	\$0
PROJECT TOTAL	\$1,206,100	100 %	\$1,206,100	\$0

☒ Agency does NOT request HSIP funds for PE Phase (automatically checked if PE - HSIP funds is \$0).

Interactive Warning/Error Messages:
If there are any messages in the below box, please fix OR explain justification for exceptions in Question No 5, Section II in the HSIP Application.

Section III. Project Location Groups, Countermeasures and Crash Data

The benefit of an HSIP safety project is achieved by reducing potential future crashes due to the application of the safety countermeasures (CMs). In this section, you will need to provide information regarding the project's safety CMs and historical crash data at the project sites. The data will be used to estimate the project benefit in Section IV.

1. Divide the project locations into groups.

It is quite often that an HSIP project has multiple locations. Theoretically the benefit for every single location may be calculated separately and then sum them up. However, that may be time consuming or almost impossible when there are a lot of locations. It is more efficient that the project locations with exactly the same safety countermeasures are combined into a group. The benefits of the locations in the same group can then be calculated at once.

When only one group is needed:

If your project consists of only one location or multiple locations that have similar features, address similar safety issues and utilize the same countermeasure(s). The crash data of all the locations can be combined and only one group is needed.

When multiple groups are needed:

If your project include multiple locations that have various safety issues and the proposed safety improvements (countermeasures) are not exactly the same for all the locations. The locations must be divided into different groups. The project benefits are then calculated multiple times, once for each location group. The project total benefit is the sum of the benefits from the different groups.

It should be noted that within a group, all locations should be of the same type: Signalized Intersection (S), Non-Signalized Intersection (NS), or Roadway (R).

If necessary, you may explain the location grouping for your project in details in Question No. 3 (Crash Data Evaluation), Section II in the HSIP Application Form.

2. After the number of location groups is entered, one subform will be populated for each location group. For each location group:

- 1) First, select the applicable CMs. *Note: If a Roundabout CM (S18 or NS4A or NS4B) is selected, additional information is required.*

For each group, only the CMs of the same type as the group location type can be used. For example, if a group consists of 5 signalized intersections, only "Signalized Intersection" CMs may be used for this group.

- 2) Based on the selected CMs, crash data tables of the required types are displayed for data entry.

Different CMs will reduce crashes of different types during the life of the safety improvements. Depending on the selected CMs for the group, you will be required to fill in one or more crash data tables, for any combination of the five crash types (datasets): "All" , "Night" , Ped & Bike" , "Emergency Vehicle", and "Animal" (Each of the later four datasets is a sub-dataset of the "All" dataset.)

For more information regarding grouping project locations and examples, please refer to the Manual for HSIP Analyzer.

III.1 List of Project Locations and Location Groups

List all locations/sites included in this project by groups. The locations entered in Table III.1 below will be automatically populated in the crash data tables in III.2.

Based on the criteria described on the last page, the locations/sites need to be divided into **6** groups.

Table III.1 List of Project Locations by Groups

Highlighted fields must be filled in. For each group:

- 1) Must select a Location Type;
- 2) Initially each group has one location line. Click "+" "/" "-" to add a new line/delete an existing line;
- 3) Enter location description for each line. The same descriptions will be auto-populated in III.2.

*Note: If your project has a large number of locations, please aggregate some locations into one description, e.g. 10 stop controlled intersections, 5 horizontal curves, etc., as long as they have similar features and the safety improvements to be implemented are the same.

	No.	No. in Group	Location Description (Intersection Name or Road Limit or General Description)	
GROUP 1			Select Location Type:	S (Signalized Intersections)
<div>+ -</div>	1	G1-1	4th Av & Elm St	
<div>+ -</div>	2	G1-2	5th Av & Elm St	
<div>+ -</div>	3	G1-3	25th St & Imperial Av	
<div>+ -</div>	4	G1-4	39th St & University Av	
<div>+ -</div>	5	G1-5	62nd St & El Cajon Bl	
<div>+ -</div>	6	G1-6	Camino Ruiz & Capricorn Wy	
<div>+ -</div>	7	G1-7	Carroll Canyon Rd & Maya Lina Rd	
<div>+ -</div>	8	G1-8	Clairemont Mesa Bl & Rolfe Rd	
<div>+ -</div>	9	G1-9	Elm Av & Saturn Bl	
<div>+ -</div>	10	G1-10	Law St & Mission Bl	
<div>+ -</div>	11	G1-11	University Av & Wilson Av	
<div>+ -</div>	12	G1-12	1st Av & Washington St	
<div>+ -</div>	13	G1-13	Berino Ct & Regents Rd	
<div>+ -</div>	14	G1-14	Beryl St & Noyes St	
<div>+ -</div>	15	G1-15	Black Mountain Rd & Oviedo St	
<div>+ -</div>	16	G1-16	Camino Del Sur & Park Village Rd	
<div>+ -</div>	17	G1-17	Carmel Country Rd & McGuire Dr/Townsgate Dr	
<div>+ -</div>	18	G1-18	Catalina Bl & Chatsworth Bl	
<div>+ -</div>	19	G1-19	Catalina Bl & Point Loma Av	
<div>+ -</div>	20	G1-20	Derrick Dr & Genesee Av	

<div><div>+</div><div>-</div></div>	21	G1-21	Coronado Av & Green Bay St
<div><div>+</div><div>-</div></div>	22	G1-22	Fulton St & Linda Vista Rd
<div><div>+</div><div>-</div></div>	23	G1-23	India St & W Washington St
<div><div>+</div><div>-</div></div>	24	G1-24	Mission Bl & Turquoise St
<div><div>+</div><div>-</div></div>	25	G1-25	Linda Vista Rd & Wheatley St
<div><div>+</div><div>-</div></div>	26	G1-26	Park Village Dr & Rumex Ln
<div><div>+</div><div>-</div></div>	27	G1-27	Santo Rd & Shields St
<div><div>+</div><div>-</div></div>	28	G1-28	W Laurel St & Pacific Hy
GROUP 2		Select Location Type:	S (Signalized Intersections)
<div><div>+</div><div>-</div></div>	29	G2-1	4th Av & Market St
<div><div>+</div><div>-</div></div>	30	G2-2	10th Av & A St
<div><div>+</div><div>-</div></div>	31	G2-3	4th Av & University Av
<div><div>+</div><div>-</div></div>	32	G2-4	32nd St & Norman Scott Rd
<div><div>+</div><div>-</div></div>	33	G2-5	Carmel Mountain Rd & Harvest Run Dr
<div><div>+</div><div>-</div></div>	34	G2-6	Fashion Valley Rd & Friars Rd
<div><div>+</div><div>-</div></div>	35	G2-7	Navajo Rd & Park Ridge Bl
GROUP 3		Select Location Type:	S (Signalized Intersections)
<div><div>+</div><div>-</div></div>	36	G3-1	7th Av & University Av
<div><div>+</div><div>-</div></div>	37	G3-2	10th Av & E St
<div><div>+</div><div>-</div></div>	38	G3-3	10th Av & Market St
<div><div>+</div><div>-</div></div>	39	G3-4	52nd St & El Cajon Bl
<div><div>+</div><div>-</div></div>	40	G3-5	El Cajon Bl & Winona Bl
<div><div>+</div><div>-</div></div>	41	G3-6	Front St & Washington St
<div><div>+</div><div>-</div></div>	42	G3-7	Hammond Dr & Sandrock Rd
<div><div>+</div><div>-</div></div>	43	G3-8	Ingraham St & Pacific Beach Dr
<div><div>+</div><div>-</div></div>	44	G3-9	6th Av & El Prado/Laurel St
<div><div>+</div><div>-</div></div>	45	G3-10	Clairemont St & Ute Dr
<div><div>+</div><div>-</div></div>	46	G3-11	Euclid Av & Home Av
<div><div>+</div><div>-</div></div>	47	G3-12	G St & Kettner Bl
<div><div>+</div><div>-</div></div>	48	G3-13	Swift Av & University Av
GROUP 4		Select Location Type:	S (Signalized Intersections)
<div><div>+</div><div>-</div></div>	49	G4-1	11th Av & Market St
<div><div>+</div><div>-</div></div>	50	G4-2	52nd St & University Av

<div><div>+</div><div>-</div></div>	51	G4-3	54th St and Lea St
<div><div>+</div><div>-</div></div>	52	G4-4	B St & Park Bl
<div><div>+</div><div>-</div></div>	53	G4-5	Euclid Av & Naranja St
<div><div>+</div><div>-</div></div>	54	G4-6	Garnet Av & Mission Bl
<div><div>+</div><div>-</div></div>	55	G4-7	5th Av & University Av
<div><div>+</div><div>-</div></div>	56	G4-8	5th Av & Washington St
<div><div>+</div><div>-</div></div>	57	G4-9	Chatsworth Bl & Narragansett Av
<div><div>+</div><div>-</div></div>	58	G4-10	Deep Dell Rd & Paradise Valley Rd
<div><div>+</div><div>-</div></div>	59	G4-11	Juan St & Taylor St
GROUP 5		Select Location Type:	S (Signalized Intersections)
<div><div>+</div><div>-</div></div>	60	G5-1	4th Av & A St
<div><div>+</div><div>-</div></div>	61	G5-2	A St & Columbia St
<div><div>+</div><div>-</div></div>	62	G5-3	Beech St & Front St
<div><div>+</div><div>-</div></div>	63	G5-4	W Ash St & Front St
GROUP 6		Select Location Type:	S (Signalized Intersections)
<div><div>+</div><div>-</div></div>	64	G6-1	5th Av & Ash St
<div><div>+</div><div>-</div></div>	65	G6-2	11th Av & C St
<div><div>+</div><div>-</div></div>	66	G6-3	11th Av & G St

III.2: Countermeasures and Crash Data

(Repeats for each location group)

Countermeasures and Crash Data -Location Group No. 1 of 6

[Hide Group Details](#)

Step 1: Select countermeasure(s) to be applied to this location group

This group's location type: S (Signalized Intersections)

Please check the CMs for this location group. All the CMs that have passed the test in Section I AND match the location type of this group are listed below.

	No.	Countermeasure (CM) Name	CM Type*	Crash Reduction Factor (CRF)	Expected Life (Years)	Crash Type	Federal Funding Eligibility
<input checked="" type="checkbox"/>	1	S2: Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number	S	0.15	10	All	100%
<input checked="" type="checkbox"/>	2	S19: Install pedestrian countdown signal heads	S	0.25	20	Ped & Bike	100%
<input checked="" type="checkbox"/>	3	S20: Install pedestrian crossing (S. I.)	S	0.25	20	Ped & Bike	100%
	*CM Type: S-Signalized Intersection; NS-Non-Signalized Intersection; R-Roadway.						

Step 2: Provide crash data.

2.1 Crash Data Period: must be between 3 and 5 years.

from (MM/DD/YYYY): To (MM/DD/YYYY): Crash Data Period (years) = 4

2.2 Fill out the crash data table(s) for the crash type(s) as required by the selected countermeasure(s) in Step 1.

Based on the countermeasures selected in Step 1, the crash data types to be provided are:

(1) All (2) Ped & Bike

Crash Data Table for Crash Type: ALL

No.	Location (from Table III.1)	Fatal (ALL)	Severe Injury (ALL)	Other Visible Injury (ALL)	Complaint of Pain (ALL)	PDO (ALL)	Total
1	4th Av & Elm St	0	0	1	2	0	3
2	5th Av & Elm St	0	0	1	1	0	2
3	25th St & Imperial Av	0	0	2	1	0	3
4	39th St & University Av	0	0	0	3	0	3
5	62nd St & El Cajon Bl	0	0	0	1	0	1
6	Camino Ruiz & Capricorn Wy	0	0	0	2	0	2
7	Carroll Canyon Rd & Maya Lina Rd	0	0	1	1	0	2
8	Clairemont Mesa Bl & Rolfe Rd	0	0	0	1	0	1

No.	Location (from Table III.1)	Fatal (ALL)	Severe Injury (ALL)	Other Visible Injury (ALL)	Complaint of Pain (ALL)	PDO (ALL)	Total
9	Elm Av & Saturn Bl	0	0	1	1	0	2
10	Law St & Mission Bl	0	0	1	0	0	1
11	University Av & Wilson Av	0	0	0	1	0	1
12	1st Av & Washington St	0	0	0	0	0	0
13	Berino Ct & Regents Rd	0	0	0	0	0	0
14	Beryl St & Noyes St	0	0	0	0	0	0
15	Black Mountain Rd & Oviedo St	0	0	0	0	0	0
16	Camino Del Sur & Park Village Rd	0	0	0	0	0	0
17	Carmel Country Rd & McGuire Dr/Townsgate Dr	0	0	0	0	0	0
18	Catalina Bl & Chatsworth Bl	0	0	0	0	0	0
19	Catalina Bl & Point Loma Av	0	0	0	0	0	0
20	Derrick Dr & Genesee Av	0	0	1	1	0	2
21	Coronado Av & Green Bay St	0	0	0	0	0	0
22	Fulton St & Linda Vista Rd	0	0	1	1	0	2
23	India St & W Washington St	1	0	0	0	0	1
24	Mission Bl & Turquoise St	0	0	0	0	0	0
25	Linda Vista Rd & Wheatley St	0	0	0	0	0	0
26	Park Village Dr & Rumex Ln	0	0	0	0	0	0
27	Santo Rd & Shields St	0	0	1	0	0	1
28	W Laurel St & Pacific Hy	0	0	0	0	0	0
	Total	1	0	10	16	0	27

Crash Data Table for Crash Type: Pedestrians and Bicyclists Involved (P&B)

No.	Location (from Table III.1)	Fatal (P&B)	Severe Injury (P&B)	Other Visible Injury (P&B)	Complaint of Pain (P&B)	PDO (P&B)	Total
1	4th Av & Elm St	0	0	1	2	0	3
2	5th Av & Elm St	0	0	1	1	0	2
3	25th St & Imperial Av	0	0	2	1	0	3
4	39th St & University Av	0	0	0	3	0	3
5	62nd St & El Cajon Bl	0	0	0	1	0	1
6	Camino Ruiz & Capricorn Wy	0	0	0	2	0	2
7	Carroll Canyon Rd & Maya Lina Rd	0	0	1	1	0	2
8	Clairemont Mesa Bl & Rolfe Rd	0	0	0	1	0	1

No.	Location (from Table III.1)	Fatal (P&B)	Severe Injury (P&B)	Other Visible Injury (P&B)	Complaint of Pain (P&B)	PDO (P&B)	Total
9	Elm Av & Saturn Bl	0	0	1	1	0	2
10	Law St & Mission Bl	0	0	1	0	0	1
11	University Av & Wilson Av	0	0	0	1	0	1
12	1st Av & Washington St	0	0	0	0	0	0
13	Berino Ct & Regents Rd	0	0	0	0	0	0
14	Beryl St & Noyes St	0	0	0	0	0	0
15	Black Mountain Rd & Oviedo St	0	0	0	0	0	0
16	Camino Del Sur & Park Village Rd	0	0	0	0	0	0
17	Carmel Country Rd & McGuire Dr/Townsgate Dr	0	0	0	0	0	0
18	Catalina Bl & Chatsworth Bl	0	0	0	0	0	0
19	Catalina Bl & Point Loma Av	0	0	0	0	0	0
20	Derrick Dr & Genesee Av	0	0	1	1	0	2
21	Coronado Av & Green Bay St	0	0	0	0	0	0
22	Fulton St & Linda Vista Rd	0	0	1	1	0	2
23	India St & W Washington St	1	0	0	0	0	1
24	Mission Bl & Turquoise St	0	0	0	0	0	0
25	Linda Vista Rd & Wheatley St	0	0	0	0	0	0
26	Park Village Dr & Rumex Ln	0	0	0	0	0	0
27	Santo Rd & Shields St	0	0	1	0	0	1
28	W Laurel St & Pacific Hy	0	0	0	0	0	0
	Total	1	0	10	16	0	27

III.2: Countermeasures and Crash Data

(Repeats for each location group)

Countermeasures and Crash Data -Location Group No. 2 of 6

[Hide Group Details](#)

Step 1: Select countermeasure(s) to be applied to this location group

This group's location type: S (Signalized Intersections)

Please check the CMs for this location group. All the CMs that have passed the test in Section I AND match the location type of this group are listed below.

	No.	Countermeasure (CM) Name	CM Type*	Crash Reduction Factor (CRF)	Expected Life (Years)	Crash Type	Federal Funding Eligibility
<input checked="" type="checkbox"/>	1	S2: Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number	S	0.15	10	All	100%
<input checked="" type="checkbox"/>	2	S19: Install pedestrian countdown signal heads	S	0.25	20	Ped & Bike	100%
<input type="checkbox"/>	3	S20: Install pedestrian crossing (S. I.)	S	0.25	20	Ped & Bike	100%
	*CM Type: S-Signalized Intersection; NS-Non-Signalized Intersection; R-Roadway.						

Step 2: Provide crash data.

2.1 Crash Data Period: must be between 3 and 5 years.

from (MM/DD/YYYY): To (MM/DD/YYYY): Crash Data Period (years) = 4

2.2 Fill out the crash data table(s) for the crash type(s) as required by the selected countermeasure(s) in Step 1.

Based on the countermeasures selected in Step 1, the crash data types to be provided are:

(1) All (2) Ped & Bike

Crash Data Table for Crash Type: ALL

No.	Location (from Table III.1)	Fatal (ALL)	Severe Injury (ALL)	Other Visible Injury (ALL)	Complaint of Pain (ALL)	PDO (ALL)	Total
1	4th Av & Market St	0	0	0	3	0	3
2	10th Av & A St	0	0	0	1	0	1
3	4th Av & University Av	0	0	1	1	0	2
4	32nd St & Norman Scott Rd	0	0	0	0	0	0
5	Carmel Mountain Rd & Harvest Run Dr	0	0	0	0	0	0
6	Fashion Valley Rd & Friars Rd	0	0	0	0	0	0
7	Navajo Rd & Park Ridge Bl	0	0	0	0	0	0
	Total	0	0	1	5	0	6

No.	Location (from Table III.1)	Fatal (P&B)	Severe Injury (P&B)	Other Visible Injury (P&B)	Complaint of Pain (P&B)	PDO (P&B)	Total
Crash Data Table for Crash Type: <u>Pedestrians and Bicyclists Involved (P&B)</u>							
No.	Location (from Table III.1)	Fatal (P&B)	Severe Injury (P&B)	Other Visible Injury (P&B)	Complaint of Pain (P&B)	PDO (P&B)	Total
1	4th Av & Market St	0	0	0	3	0	3
2	10th Av & A St	0	0	0	1	0	1
3	4th Av & University Av	0	0	1	1	0	2
4	32nd St & Norman Scott Rd	0	0	0	0	0	0
5	Carmel Mountain Rd & Harvest Run Dr	0	0	0	0	0	0
6	Fashion Valley Rd & Friars Rd	0	0	0	0	0	0
7	Navajo Rd & Park Ridge Bl	0	0	0	0	0	0
	Total	0	0	1	5	0	6

III.2: Countermeasures and Crash Data

(Repeats for each location group)

Countermeasures and Crash Data -Location Group No. 3 of 6

[Hide Group Details](#)

Step 1: Select countermeasure(s) to be applied to this location group

This group's location type: S (Signalized Intersections)

Please check the CMs for this location group. All the CMs that have passed the test in Section I AND match the location type of this group are listed below.

	No.	Countermeasure (CM) Name	CM Type*	Crash Reduction Factor (CRF)	Expected Life (Years)	Crash Type	Federal Funding Eligibility
<input checked="" type="checkbox"/>	1	S2: Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number	S	0.15	10	All	100%
<input type="checkbox"/>	2	S19: Install pedestrian countdown signal heads	S	0.25	20	Ped & Bike	100%
<input checked="" type="checkbox"/>	3	S20: Install pedestrian crossing (S. I.)	S	0.25	20	Ped & Bike	100%
*CM Type: S-Signalized Intersection; NS-Non-Signalized Intersection; R-Roadway.							

Step 2: Provide crash data.

2.1 Crash Data Period: must be between 3 and 5 years.

from (MM/DD/YYYY): To (MM/DD/YYYY): Crash Data Period (years) = 4

2.2 Fill out the crash data table(s) for the crash type(s) as required by the selected countermeasure(s) in Step 1.

Based on the countermeasures selected in Step 1, the crash data types to be provided are:

(1) All (2) Ped & Bike

Crash Data Table for Crash Type: ALL

No.	Location (from Table III.1)	Fatal (ALL)	Severe Injury (ALL)	Other Visible Injury (ALL)	Complaint of Pain (ALL)	PDO (ALL)	Total
1	7th Av & University Av	0	0	0	2	0	2
2	10th Av & E St	0	0	0	1	0	1
3	10th Av & Market St	0	0	1	0	0	1
4	52nd St & El Cajon Bl	0	0	1	0	1	2
5	El Cajon Bl & Winona Bl	0	0	0	1	0	1
6	Front St & Washington St	0	0	0	2	0	2
7	Hammond Dr & Sandrock Rd	0	1	0	1	0	2
8	Ingraham St & Pacific Beach Dr	0	0	0	1	0	1

No.	Location (from Table III.1)	Fatal (ALL)	Severe Injury (ALL)	Other Visible Injury (ALL)	Complaint of Pain (ALL)	PDO (ALL)	Total
9	6th Av & El Prado/Laurel St	0	0	1	0	0	1
10	Clairemont St & Ute Dr	0	0	0	0	0	0
11	Euclid Av & Home Av	0	0	0	0	0	0
12	G St & Kettner Bl	0	0	0	0	0	0
13	Swift Av & University Av	0	2	2	1	0	5
	Total	0	3	5	9	1	18

Crash Data Table for Crash Type: Pedestrians and Bicyclists Involved (P&B)

No.	Location (from Table III.1)	Fatal (P&B)	Severe Injury (P&B)	Other Visible Injury (P&B)	Complaint of Pain (P&B)	PDO (P&B)	Total
1	7th Av & University Av	0	0	0	2	0	2
2	10th Av & E St	0	0	0	1	0	1
3	10th Av & Market St	0	0	1	0	0	1
4	52nd St & El Cajon Bl	0	0	1	0	0	1
5	El Cajon Bl & Winona Bl	0	0	0	1	0	1
6	Front St & Washington St	0	0	0	2	0	2
7	Hammond Dr & Sandrock Rd	0	1	0	1	0	2
8	Ingraham St & Pacific Beach Dr	0	0	0	1	0	1
9	6th Av & El Prado/Laurel St	0	0	1	0	0	1
10	Clairemont St & Ute Dr	0	0	0	0	0	0
11	Euclid Av & Home Av	0	0	0	0	0	0
12	G St & Kettner Bl	0	0	0	0	0	0
13	Swift Av & University Av	0	2	2	1	0	5
	Total	0	3	5	9	0	17

III.2: Countermeasures and Crash Data

(Repeats for each location group)

Countermeasures and Crash Data -Location Group No. 4 of 6

[Hide Group Details](#)

Step 1: Select countermeasure(s) to be applied to this location group

This group's location type: S (Signalized Intersections)

Please check the CMs for this location group. All the CMs that have passed the test in Section I AND match the location type of this group are listed below.

	No.	Countermeasure (CM) Name	CM Type*	Crash Reduction Factor (CRF)	Expected Life (Years)	Crash Type	Federal Funding Eligibility
<input checked="" type="checkbox"/>	1	S2: Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number	S	0.15	10	All	100%
<input type="checkbox"/>	2	S19: Install pedestrian countdown signal heads	S	0.25	20	Ped & Bike	100%
<input type="checkbox"/>	3	S20: Install pedestrian crossing (S. I.)	S	0.25	20	Ped & Bike	100%
	*CM Type: S-Signalized Intersection; NS-Non-Signalized Intersection; R-Roadway.						

Step 2: Provide crash data.

2.1 Crash Data Period: must be between 3 and 5 years.

from (MM/DD/YYYY): To (MM/DD/YYYY): Crash Data Period (years) = 4

2.2 Fill out the crash data table(s) for the crash type(s) as required by the selected countermeasure(s) in Step 1.

Based on the countermeasures selected in Step 1, the crash data types to be provided are:

(1) All

Crash Data Table for Crash Type: ALL

No.	Location (from Table III.1)	Fatal (ALL)	Severe Injury (ALL)	Other Visible Injury (ALL)	Complaint of Pain (ALL)	PDO (ALL)	Total
1	11th Av & Market St	0	0	1	3	0	4
2	52nd St & University Av	0	0	3	0	0	3
3	54th St and Lea St	0	0	1	0	0	1
4	B St & Park Bl	0	0	0	2	0	2
5	Euclid Av & Naranja St	0	0	1	2	0	3
6	Garnet Av & Mission Bl	0	0	1	1	0	2
7	5th Av & University Av	0	0	0	0	0	0
8	5th Av & Washington St	0	0	1	0	0	1

No.	Location (from Table III.1)	Fatal (ALL)	Severe Injury (ALL)	Other Visible Injury (ALL)	Complaint of Pain (ALL)	PDO (ALL)	Total
9	Chatsworth Bl & Narragansett Av	0	0	0	0	0	0
10	Deep Dell Rd & Paradise Valley Rd	0	2	1	1	0	4
11	Juan St & Taylor St	0	0	1	0	0	1
	Total	0	2	10	9	0	21

III.2: Countermeasures and Crash Data

(Repeats for each location group)

Countermeasures and Crash Data -Location Group No. 5 of 6

[Hide Group Details](#)

Step 1: Select countermeasure(s) to be applied to this location group

This group's location type: S (Signalized Intersections)

Please check the CMs for this location group. All the CMs that have passed the test in Section I AND match the location type of this group are listed below.

	No.	Countermeasure (CM) Name	CM Type*	Crash Reduction Factor (CRF)	Expected Life (Years)	Crash Type	Federal Funding Eligibility
<input type="checkbox"/>	1	S2: Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number	S	0.15	10	All	100%
<input checked="" type="checkbox"/>	2	S19: Install pedestrian countdown signal heads	S	0.25	20	Ped & Bike	100%
<input checked="" type="checkbox"/>	3	S20: Install pedestrian crossing (S. I.)	S	0.25	20	Ped & Bike	100%
	*CM Type: S-Signalized Intersection; NS-Non-Signalized Intersection; R-Roadway.						

Step 2: Provide crash data.

2.1 Crash Data Period: must be between 3 and 5 years.

from (MM/DD/YYYY): To (MM/DD/YYYY): Crash Data Period (years) = 4

2.2 Fill out the crash data table(s) for the crash type(s) as required by the selected countermeasure(s) in Step 1.

Based on the countermeasures selected in Step 1, the crash data types to be provided are:

(1) Ped & Bike

Crash Data Table for Crash Type: Pedestrians and Bicyclists Involved (P&B)

No.	Location (from Table III.1)	Fatal (P&B)	Severe Injury (P&B)	Other Visible Injury (P&B)	Complaint of Pain (P&B)	PDO (P&B)	Total
1	4th Av & A St	0	0	1	0	0	1
2	A St & Columbia St	0	0	1	0	0	1
3	Beech St & Front St	0	0	0	2	0	2
4	W Ash St & Front St	0	3	2	0	0	5
	Total	0	3	4	2	0	9

III.2: Countermeasures and Crash Data

(Repeats for each location group)

Countermeasures and Crash Data -Location Group No. 6 of 6

Hide Group Details

Step 1: Select countermeasure(s) to be applied to this location group

This group's location type: S (Signalized Intersections)

Please check the CMs for this location group. All the CMs that have passed the test in Section I AND match the location type of this group are listed below.

	No.	Countermeasure (CM) Name	CM Type*	Crash Reduction Factor (CRF)	Expected Life (Years)	Crash Type	Federal Funding Eligibility
<input type="checkbox"/>	1	S2: Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number	S	0.15	10	All	100%
<input type="checkbox"/>	2	S19: Install pedestrian countdown signal heads	S	0.25	20	Ped & Bike	100%
<input checked="" type="checkbox"/>	3	S20: Install pedestrian crossing (S. I.)	S	0.25	20	Ped & Bike	100%
	*CM Type: S-Signalized Intersection; NS-Non-Signalized Intersection; R-Roadway.						

Step 2: Provide crash data.

2.1 Crash Data Period: must be between 3 and 5 years.

from (MM/DD/YYYY): 01/01/2014 To (MM/DD/YYYY): 12/31/2017 Crash Data Period (years) = 4

2.2 Fill out the crash data table(s) for the crash type(s) as required by the selected countermeasure(s) in Step 1.

Based on the countermeasures selected in Step 1 , the crash data types to be provided are:

(1) Ped & Bike

Crash Data Table for Crash Type: Pedestrians and Bicyclists Involved (P&B)

No.	Location (from Table III.1)	Fatal (P&B)	Severe Injury (P&B)	Other Visible Injury (P&B)	Complaint of Pain (P&B)	PDO (P&B)	Total
1	5th Av & Ash St	0	0	1	1	0	2
2	11th Av & C St	0	0	0	1	0	1
3	11th Av & G St	0	0	0	2	0	2
	Total	0	0	1	4	0	5

Section IV. Calculation and Results

Click the "Calculate" button to calculate. The script will first check if there are any errors or inconsistencies in the countermeasure selections and crash data. If errors are detected and displayed below, the errors must be fixed first before you click the "Calculate" button again. If no errors are displayed, the calculation results are provided in this section. Please refer to the Manual for HSIP Analyzer for details regarding possible errors.

Calculate

Project Summary Information:
Project Total Cost: 1206100
3 countermeasures are eligible in benefit calculation. (S2 S19 S20)
Project location(s) are divided into 6 group(s) for calculating the benefits.

Group No.	Group Info/Data*	Benefit from CM #1	Benefit from CM #2	Benefit from CM #3	Total Benefit of the group
1	Location type: S (Signalized Intersections) Number of location(s): 28 Number of selected countermeasure(s): 3 (S2 S19 S20) Crash Data Information: Crash data period (years): 4 Number of crashes(F/SI/OVI/I-CP/PDO)*: All: 1,0,10,16,0 Ped & Bike: 1,0,10,16,0	\$1,453,276	\$3,920,815	\$3,920,815	\$9,294,906
2	Location type: S (Signalized Intersections) Number of location(s): 7 Number of selected countermeasure(s): 2 (S2 S19) Crash Data Information: Crash data period (years): 4 Number of crashes(F/SI/OVI/I-CP/PDO)*: All: 0,0,1,5,0 Ped & Bike: 0,0,1,5,0	\$182,251	\$561,938	\$0	\$744,189
3	Location type: S (Signalized Intersections) Number of location(s): 13 Number of selected countermeasure(s): 2 (S2 S20) Crash Data Information: Crash data period (years): 4 Number of crashes(F/SI/OVI/I-CP/PDO)*: All: 0,3,5,9,1 Ped & Bike: 0,3,5,9,0	\$2,126,776	\$0	\$6,543,913	\$8,670,689
4	Location type: S (Signalized Intersections) Number of location(s): 11 Number of selected countermeasure(s): 1 (S2) Crash Data Information: Crash data period (years): 4 Number of crashes(F/SI/OVI/I-CP/PDO)*: All: 0,2,10,9,0	\$1,812,038	\$0	\$0	\$1,812,038

IV.1 Benefit Summary by location groups					
5	Location type: S (Signalized Intersections) Number of location(s): 4 Number of selected countermeasure(s): 2 (S19 S20) Crash Data Information: Crash data period (years): 4 Number of crashes(F/SI/OVI/I-CP/PDO)*: Ped & Bike: 0,3,4,2,0	\$0	\$5,501,344	\$5,501,344	\$11,002,688
6	Location type: S (Signalized Intersections) Number of location(s): 3 Number of selected countermeasure(s): 1 (S20) Crash Data Information: Crash data period (years): 4 Number of crashes(F/SI/OVI/I-CP/PDO)*: Ped & Bike: 0,0,1,4,0	\$0	\$0	\$517,625	\$517,625
Sum		\$5,574,341	\$9,984,097	\$16,483,697	\$32,042,135
*Number of crashes: five crash numbers are for Fatal (F), Severe Injury (SI), Other Visible Injury (OVI), Injury - Complaint of Pain (I-CP), and Property Damage Only (PDO), respectively.					

IV.2. Project Benefit and BCR Summary

No.	Countermeasure Name	Benefit	Cost	Resulting B/C
1	S2	\$5,574,341	\$665,531	8.4
2	S19	\$9,984,097	\$64,761	154.2
3	S20	16,483,697	\$475,808	34.6
	Entire Project	32,042,135	\$1,206,100	26.6

Data to be transferred to the HSIP Application Form

This section is generated automatically once the data entry and calculation have been completed. Transfer the data on this page to Section III of the HSIP Application Form.

Safety Countermeasure Information

Number of countermeasures: 3

S2: Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number

S19: Install pedestrian countdown signal heads

S20: Install pedestrian crossing (S.I.)

Cost, FRR, Benefit and BCR:

Total Project Cost:	\$1,206,100
HSIP Funds Requested:	\$1,206,100
Max. Federal Reimbursement Ratio (FRR):	100%
Total Expected Benefit:	32,042,135
Benefit Cost Ratio:	26.57

Additional Attachments



SSARP Matrix



[illegible]

- Violation: Driver Failure to Yield
- Pedestrian Action: Crossing in Crosswalk at Intersection
- Driver Movement: Making Left Turn

- Both at Signalized Intersections
 - 4 + 2 Through Lanes
 - 15,001 – 25,000 ADT
 - 4 + 4 Through Lanes
 - 7,001 – 15,000 ADT

Letters of Support





KEVIN L. FAULCONER

MAYOR

August 17, 2018

Caltrans District 11
Division of Planning and Local Assistance
4050 Taylor Street
Bldg. 1, 2nd Fl. MS 240
San Diego, CA 92110-2737

RE: Local Highway Safety Improvement Program (HSIP) Cycle 9: Lead Pedestrian Interval Systemic Safety Project

To Whom It May Concern:

On behalf of the City of San Diego, I am pleased to offer my support of the Lead Pedestrian Interval Systemic Safety Project submission to the California Department of Transportation for funding consideration under the Local Highway Safety Improvement Program (HSIP) Cycle 9.

The state-funded Systemic Safety Analysis Report Program (SSARP) grant will be used to construct systemic safety improvements to selected intersections with roadway characteristics with high correlations with pedestrian crashes. These proposed intersections all have permissive left turn phasing and share a common pattern of pedestrian-vehicle conflicts.

This high priority project and the low-cost "Lead Pedestrian Interval" improvements herein proposed will significantly improve pedestrian safety over a wide geographical area of our City and will serve as a model for future systemic safety programs statewide.

I appreciate your consideration.

Sincerely,

A handwritten signature in blue ink, which appears to read "Kevin L. Faulconer", is written over the word "Sincerely,".

Kevin L. Faulconer
Mayor

KLF:ag



Circulate San Diego
1111 6th Avenue, Suite 402
San Diego, CA 92101
Tel: 619-544-9255
Fax: 619-531-9255
www.circulatesd.org

August 20, 2018

California Department of Transportation
1120 N Street
Sacramento, CA 95814

RE: Local Highway Safety Improvement Program (HSIP) Cycle 9: Lead Pedestrian Interval Systemic Safety Project

To whom it may concern,

On behalf of Circulate San Diego, whose mission is to create excellent mobility choices and vibrant, healthy neighborhoods, we are writing to express our support for the City of San Diego's HSIP grant application for pedestrian improvements.

Through Caltrans' Systemic Safety Analysis Report Program (SSARP) Grant, the City of San Diego and its consultant evaluated crash data on all city streets and intersections. One of the biggest problems are that pedestrians have the highest percentage of fatal and severe injuries.

In response to this problem, the City of San Diego is now preparing for the Lead Pedestrian Interval (LPI) Systemic Safety Project. The safety solution for this problem follows a systemic corrective approach at high pedestrian risk intersections. This project is expected to significantly improve pedestrian safety throughout the City's entire roadway network and it will serve as a model for systemic safety programs statewide. It will allow the City to proactively implement low-cost improvements throughout the City, while also helping the City reach its goal for Vision Zero for 2025.

Circulate San Diego is very pleased to support the "Lead Pedestrian Interval Systemic Safety Project" to the California Department of Transportation for funding consideration under the Local Highway Safety Improvement Program (HSIP) Cycle 9.

Sincerely,

Colin Parent
Executive Director and General Counsel