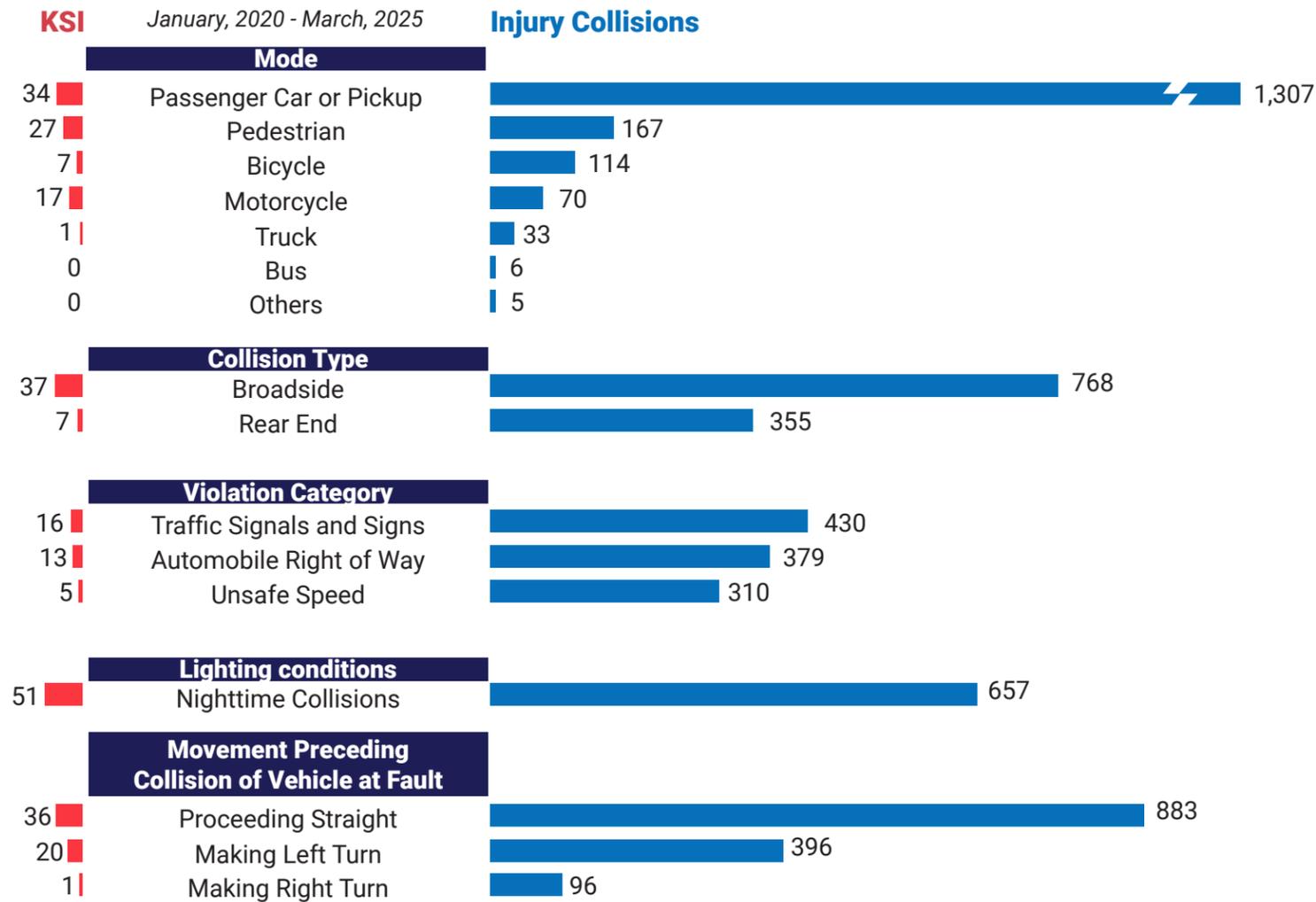


PROJECT 1: COLLISION DATA

Citywide Signal Enhancements

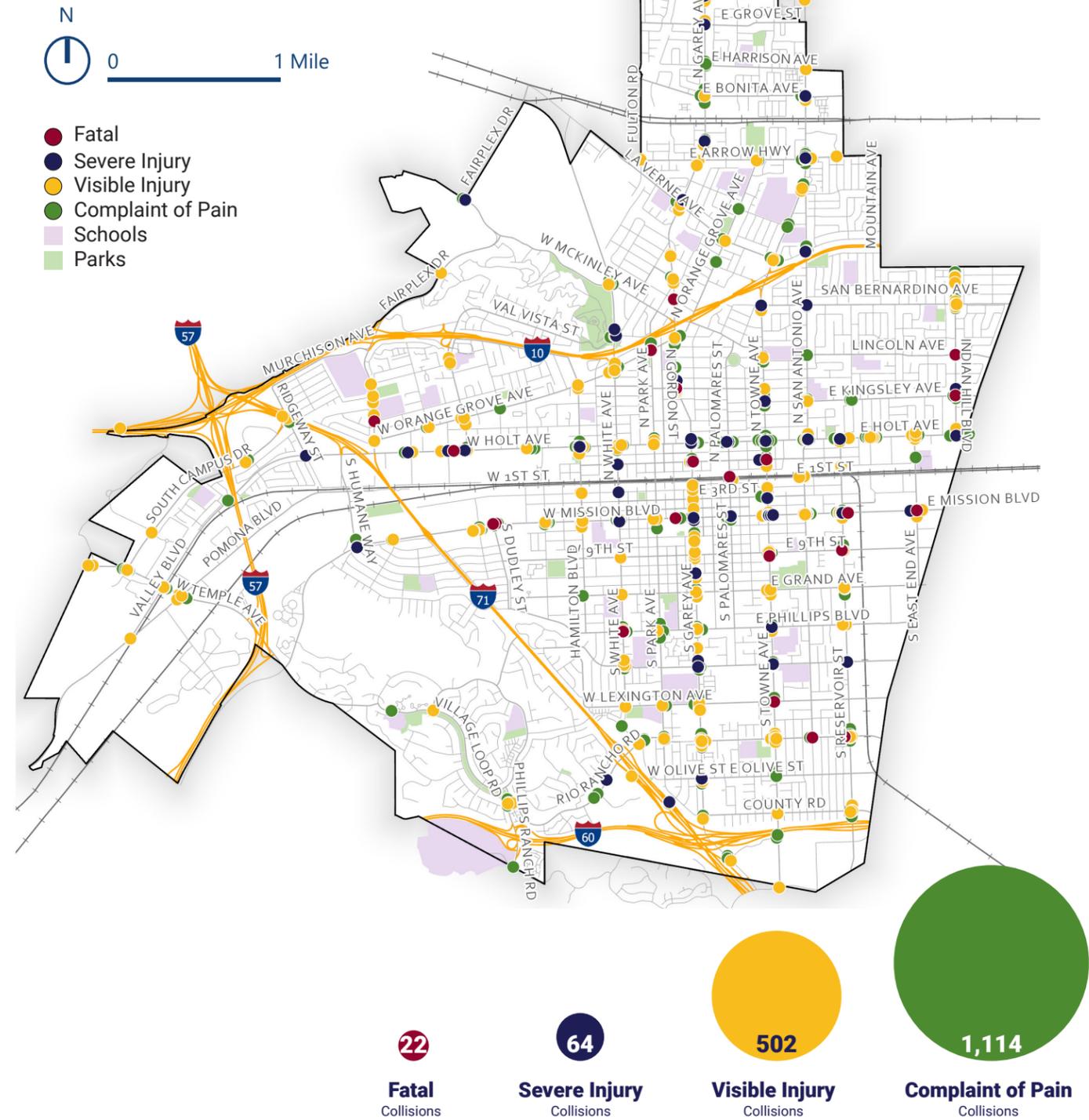
	KSI Collisions	Injury Collisions
At Signalized Intersections	86	1,702
Percentage	44%	50%
Citywide	195	3,408



* KSI = Killed (Fatal) & Severe Injury

Collision Data

(Jan 2020- March 2025)



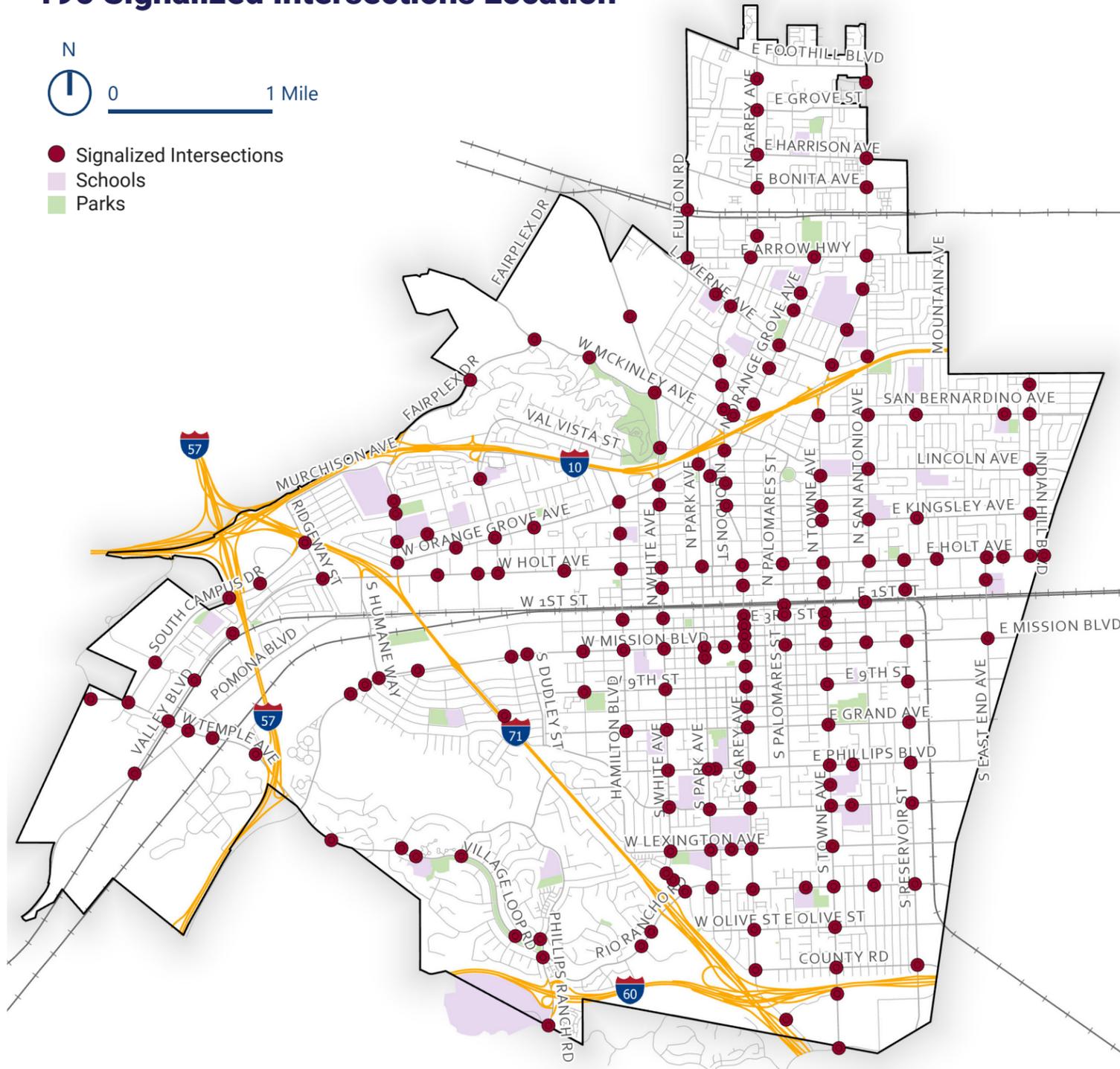
PROJECT 1: IMPROVEMENT

Citywide Signal Enhancements

196 Signalized Intersections Location



- Signalized Intersections
- Schools
- Parks



20% CRF

*CRF: A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.



Estimated Project Cost
\$14,000,000
As of April 2026



Safety Improvement



New 12" Signal Head & Retroreflective Backplates
Enhance Signal Head Visibility



New Traffic Signal Controller
Enhance Signal Operation



New Countdown Pedestrian Signal Head / Push Buttons
Enhances Pedestrian Safety



New Street Name Signs
Enhances Street Name Visibility



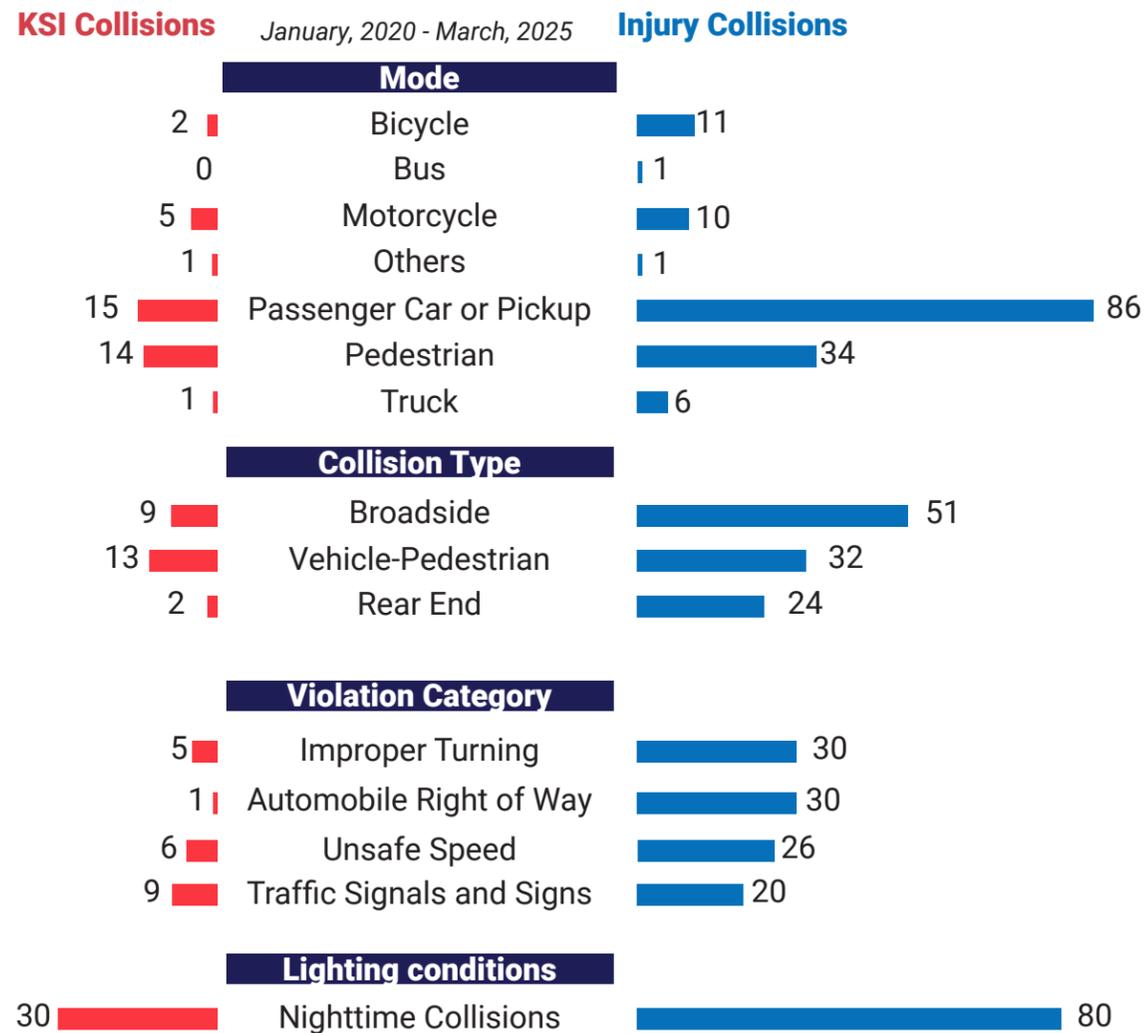
Grant Opportunities

- HSIP** - Highway Safety Improvement Program
- SS4A** - Safe Streets 4 All
- STBG** - Surface Transportation Block Grant

PROJECT 2: COLLISION DATA

Unsignalized Intersections Safety Improvements

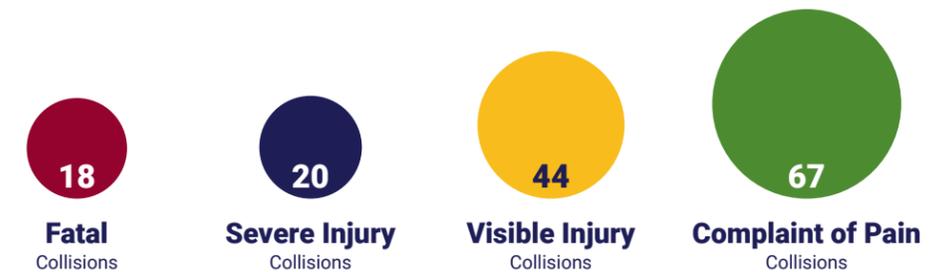
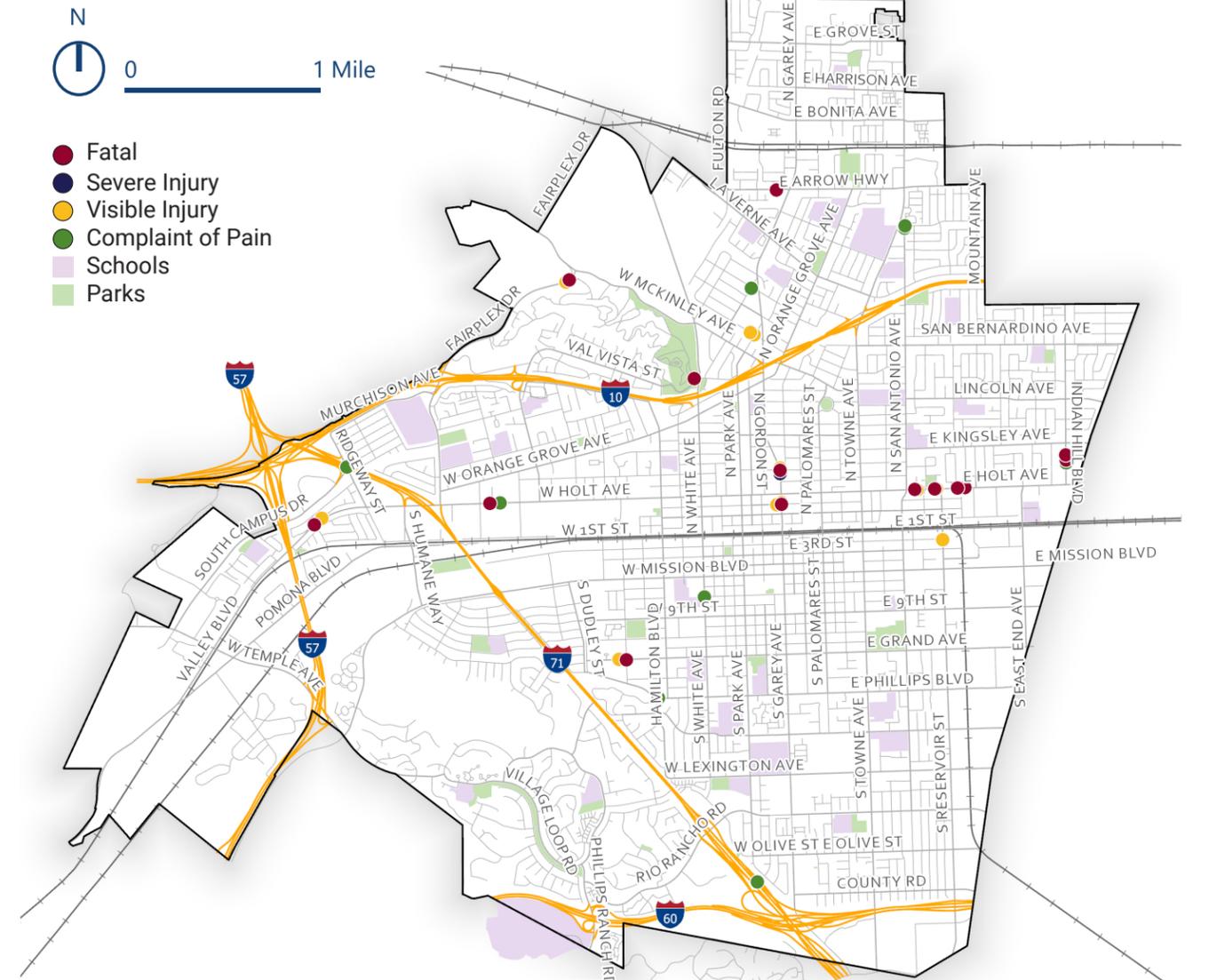
	KSI Collisions	Injury Collisions
At Identified Intersections	38	149
Percentage	19%	4%
Citywide	195	3,408



* KSI = Killed (Fatal) & Severe Injury

Collision Data

(Jan 2020 - March 2025)



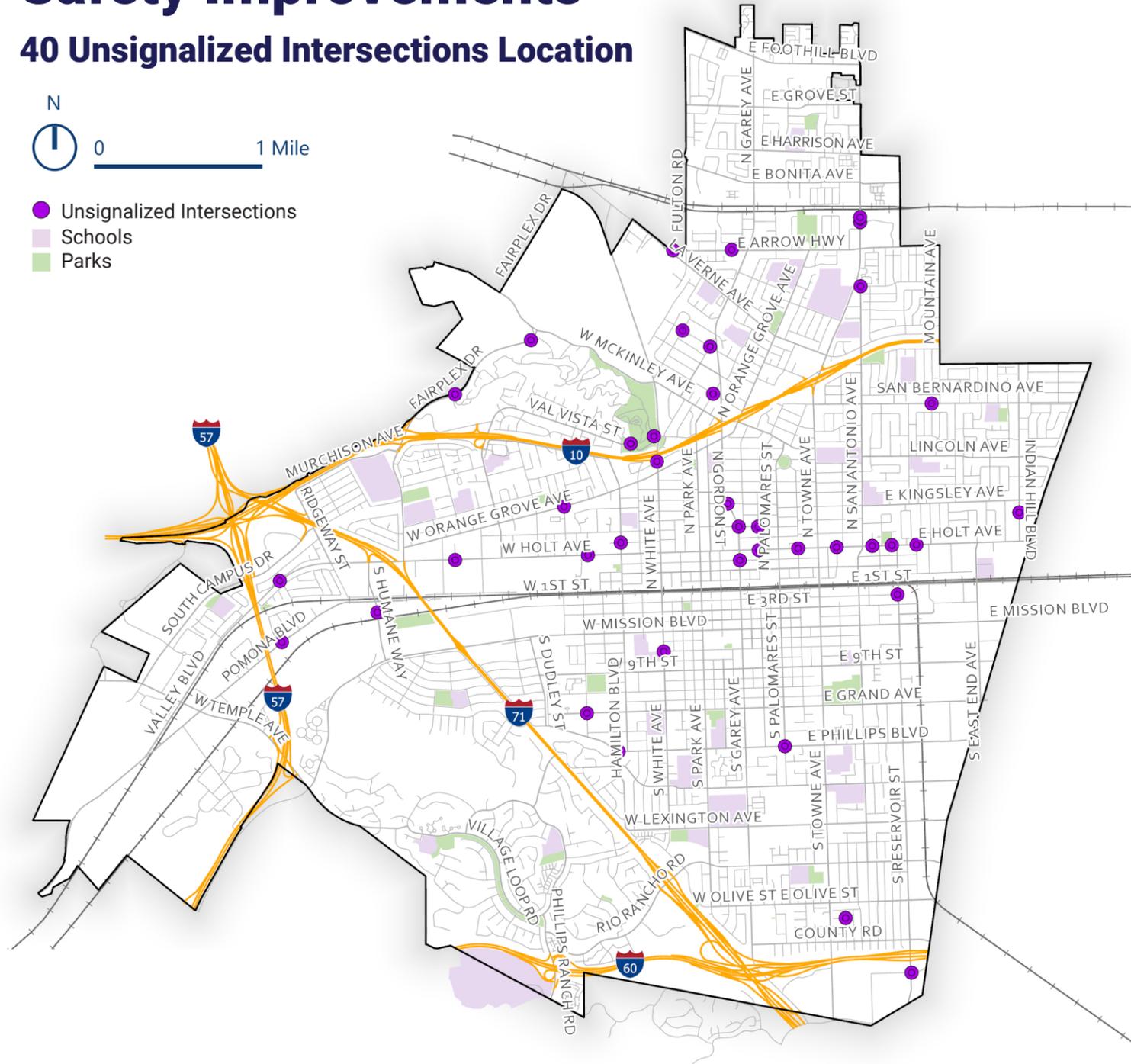
PROJECT 2: IMPROVEMENT

Unsignalized Intersections Safety Improvements

40 Unsignalized Intersections Location



- Unsignalized Intersections
- Schools
- Parks



**20%
CRF**

***CRF:** A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.

Estimated Project Cost
\$16,354,000
As of April 2026

Safety Improvement

- Improve Signage & Striping**
Enhance Roadway Visibility & Driver Awareness

Install Median with Curb & Gutter
Enhance Intersection Safety

New Install Street Lights
Enhance Nighttime Visibility & Safety

Improve Pedestrian Crossing
Enhance Pedestrian Safety & Accessibility

Install High Friction Surface Treatment
Enhance Skid Resistance & Reduce Collision

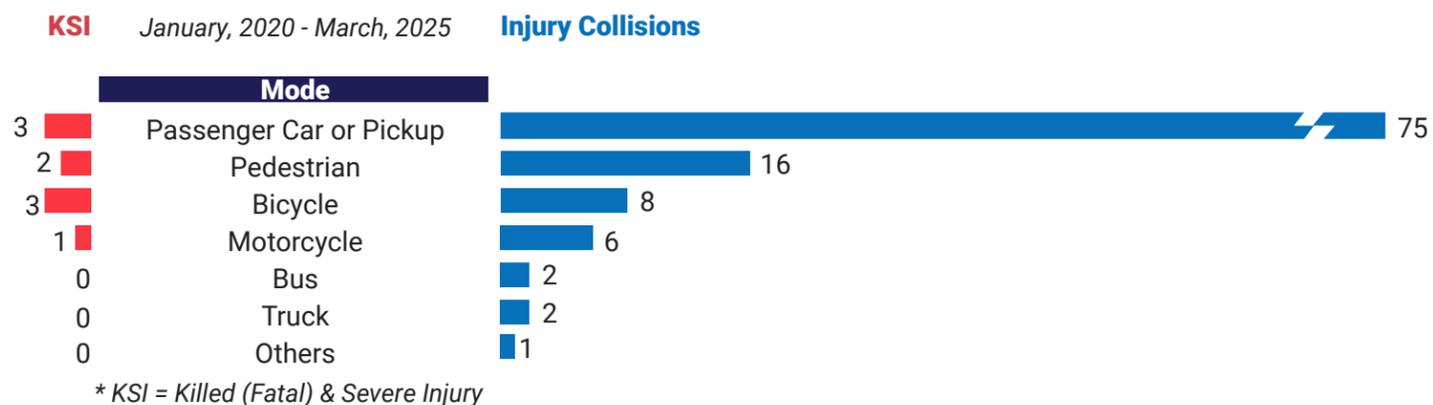
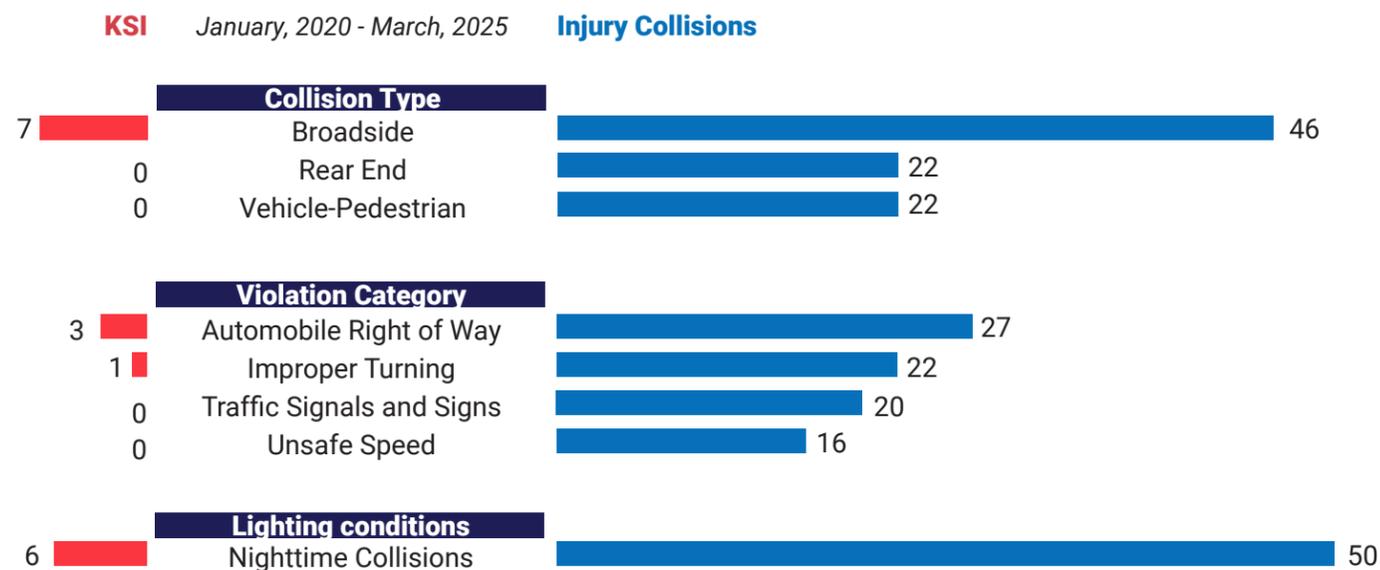
Grant Opportunities

- HSIP** - Highway Safety Improvement Program
- SS4A** - Safe Streets 4 All
- STBG** - Surface Transportation Block Grant

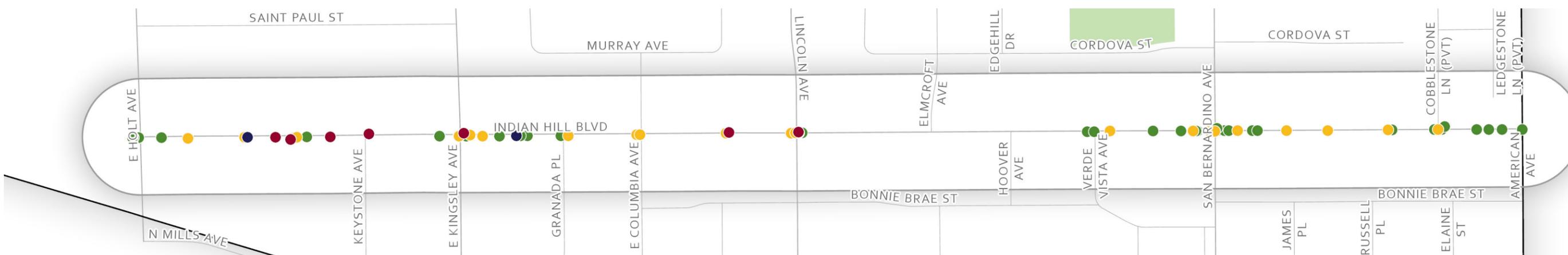
PROJECT 3: COLLISION DATA

Indian Hill Boulevard Safety Improvements

	KSI Collisions	Injury Collisions
Along Indian Hill Boulevard	9	110
Percentage	5%	3%
Citywide	195	3,408



* KSI = Killed (Fatal) & Severe Injury



- Fatal
- Severe Injury
- Visible Injury
- Complaint of Pain

7
Fatal Collisions

2
Severe Injury Collisions

29
Visible Injury Collisions

72
Complaint of Pain Collisions



PROJECT 3: IMPROVEMENT

Indian Hill Boulevard Safety Improvements

30%
CRF

*CRF: A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.

Estimated Project Cost
\$5,762,000

As of April 2026

Safety Improvement



Improve Signal Timing at Signalized Intersections
Enhance Traffic Flow & Safety



New Signal Hardware
Enhance Signal Visibility, Operations & Safety



Install Median with Curb & Gutter
Reduce Left Turn Conflicts & Enhance Roadway Safety



Install Speed feedback signs
Reduce Vehicle Speeds & Enhance Roadway Safety



Install High Friction Surface Treatment
Enhance Skid Resistance & Reduce Collision



Upgrade Street Lighting (install new street light poles)
Enhance Nighttime Visibility & Safety



Install Advance warning signs
Enhance Driver Awareness



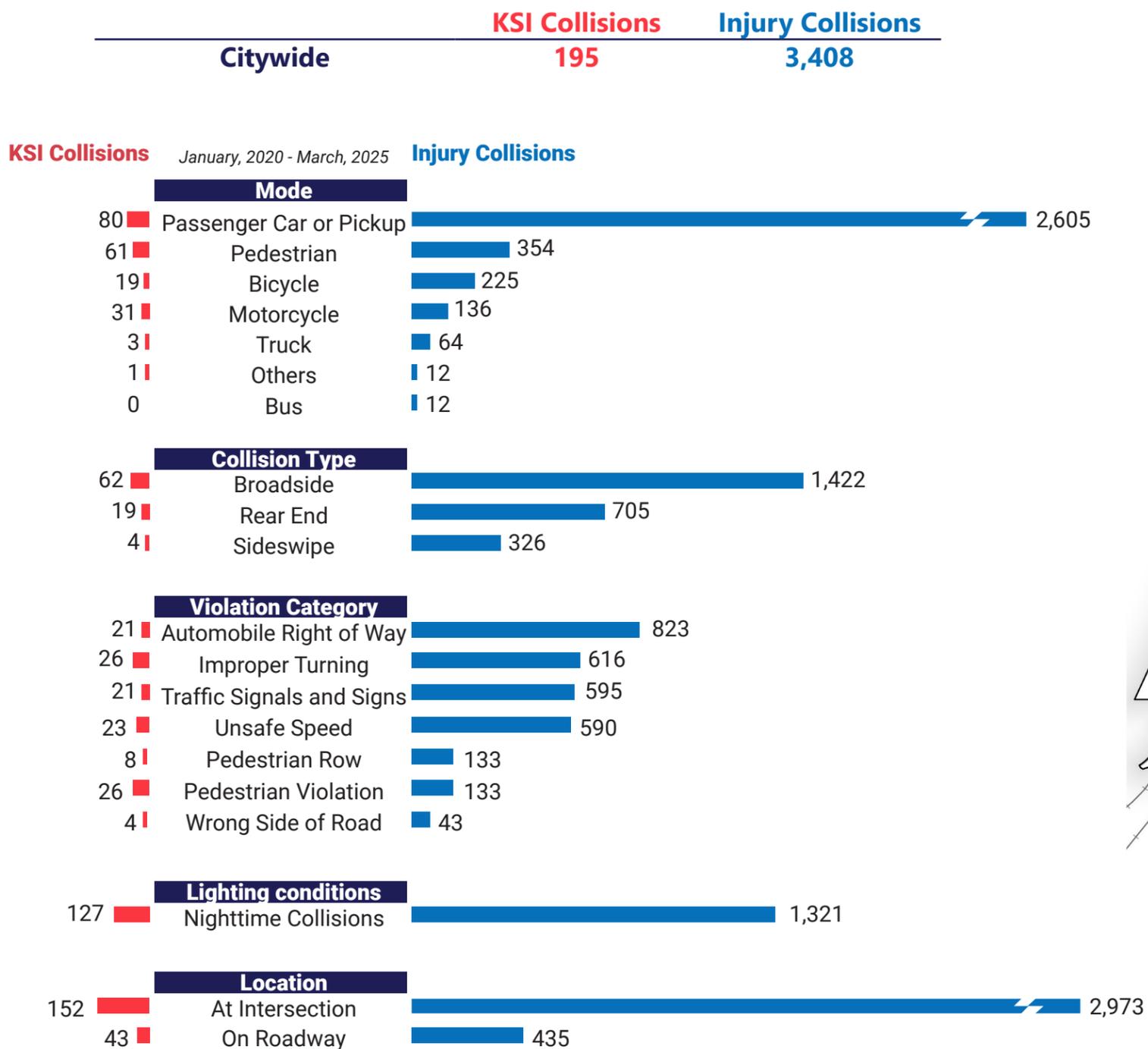
- Signal Timing on Signalized Intersections
- CCTV Cameras at Signalized Intersections
- High Visibility Crosswalk
- High Friction Surface Treatment
- Median Islands
- Speed Feedback Signs
- Upgrade / Fill Street Light Gaps
- Advance Warning Sign (Retroreflective)

Grant Opportunities

- ATP - Active Transportation Program
- HSIP - Highway Safety Improvement Program
- SS4A - Safe Streets 4 All
- SCCP - Solutions for Congested Corridors Program
- SMART - Strengthening Mobility and Revolutionizing Transportation

PROJECT 4: COLLISION DATA

Citywide Signage & Striping Upgrades



* KSI = Killed (Fatal) & Severe Injury

Collision Data

(Jan 2020 - March 2025)



- Fatal
- Severe Injury
- Visible Injury
- Complaint of Pain
- Schools
- Parks

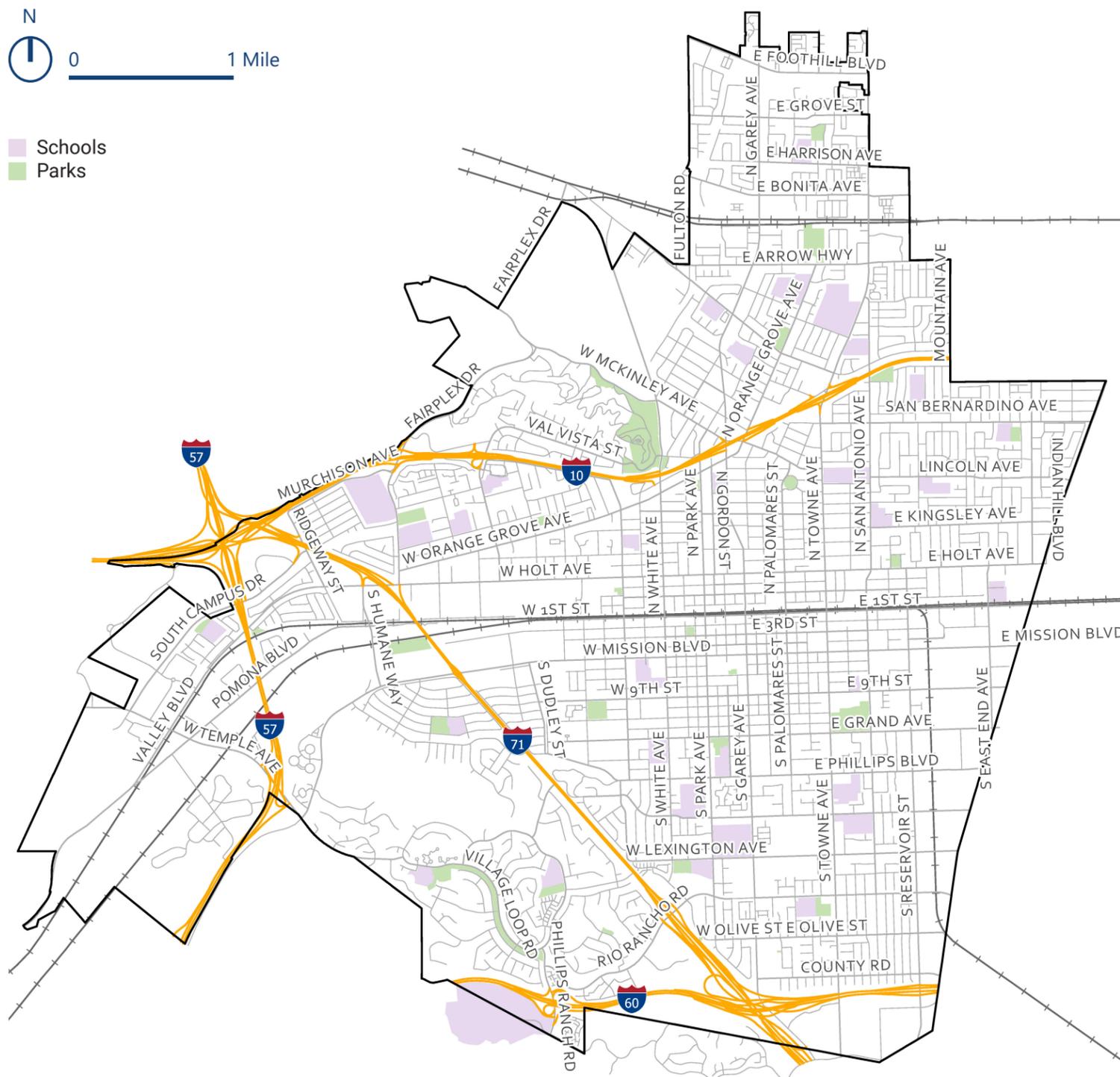


PROJECT 4: IMPROVEMENT

Citywide Signage & Striping Upgrades



Schools
Parks



30% CRF

*CRF: A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.



Estimated Project Cost
\$36,918,000
As of April 2026



Safety Improvement



New Roadside Sign
(sign panel only)
Enhance Sign Visibility & Legibility



New Sign Post
Ensure Proper Sign Placement & Fix Knocked over Signs



Install Striping
Enhance Lane Delineation for Driver Guidance



Install Pavement Marking
Enhance Arrow & Pavement Legend Visibility



Grant Opportunities

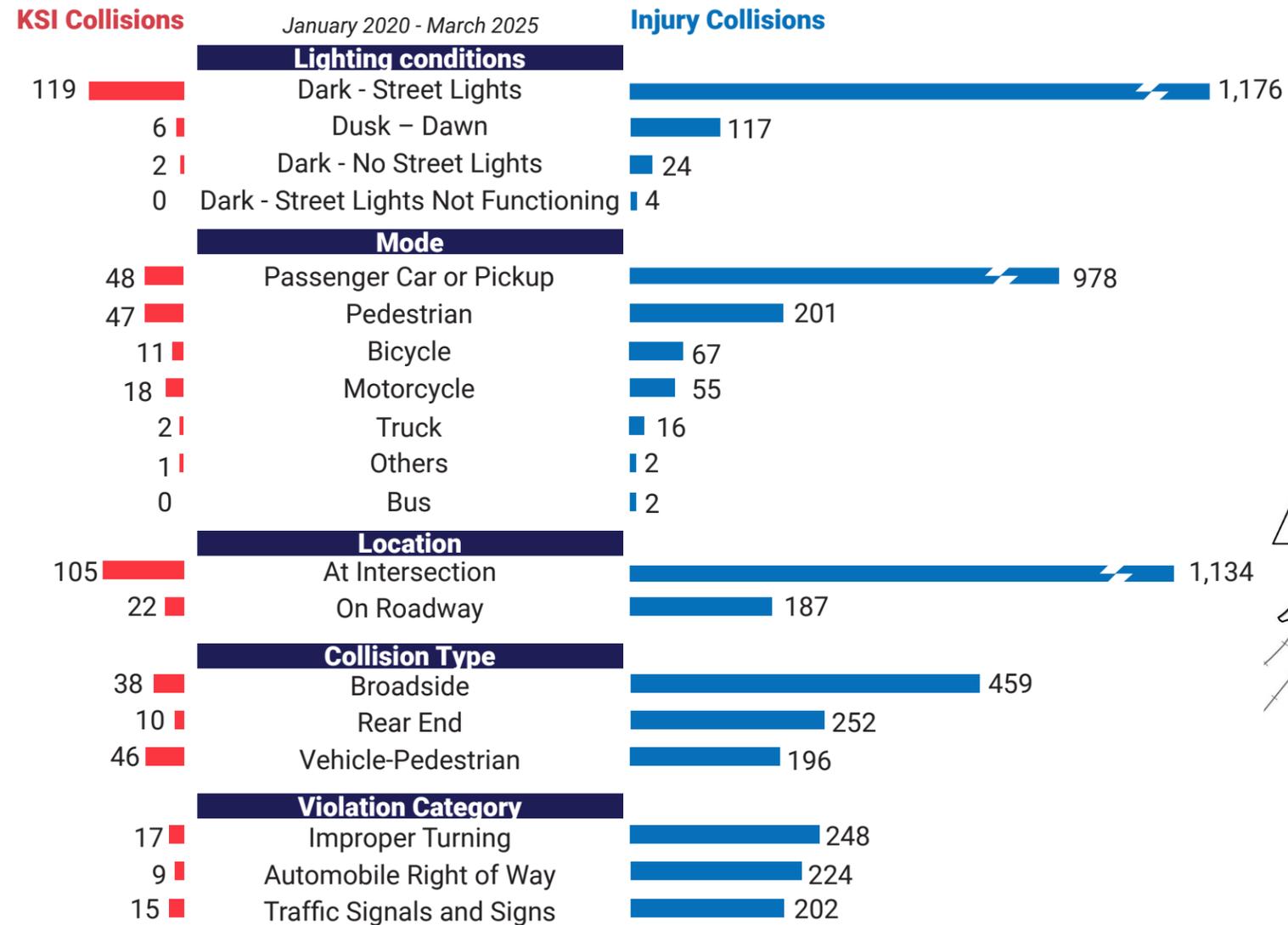
- HSIP** - Highway Safety Improvement Program
- SS4A** - Safe Streets 4 All
- STBG** - Surface Transportation Block Grant



PROJECT 5: COLLISION DATA

Citywide Street Light Upgrade / Inventory

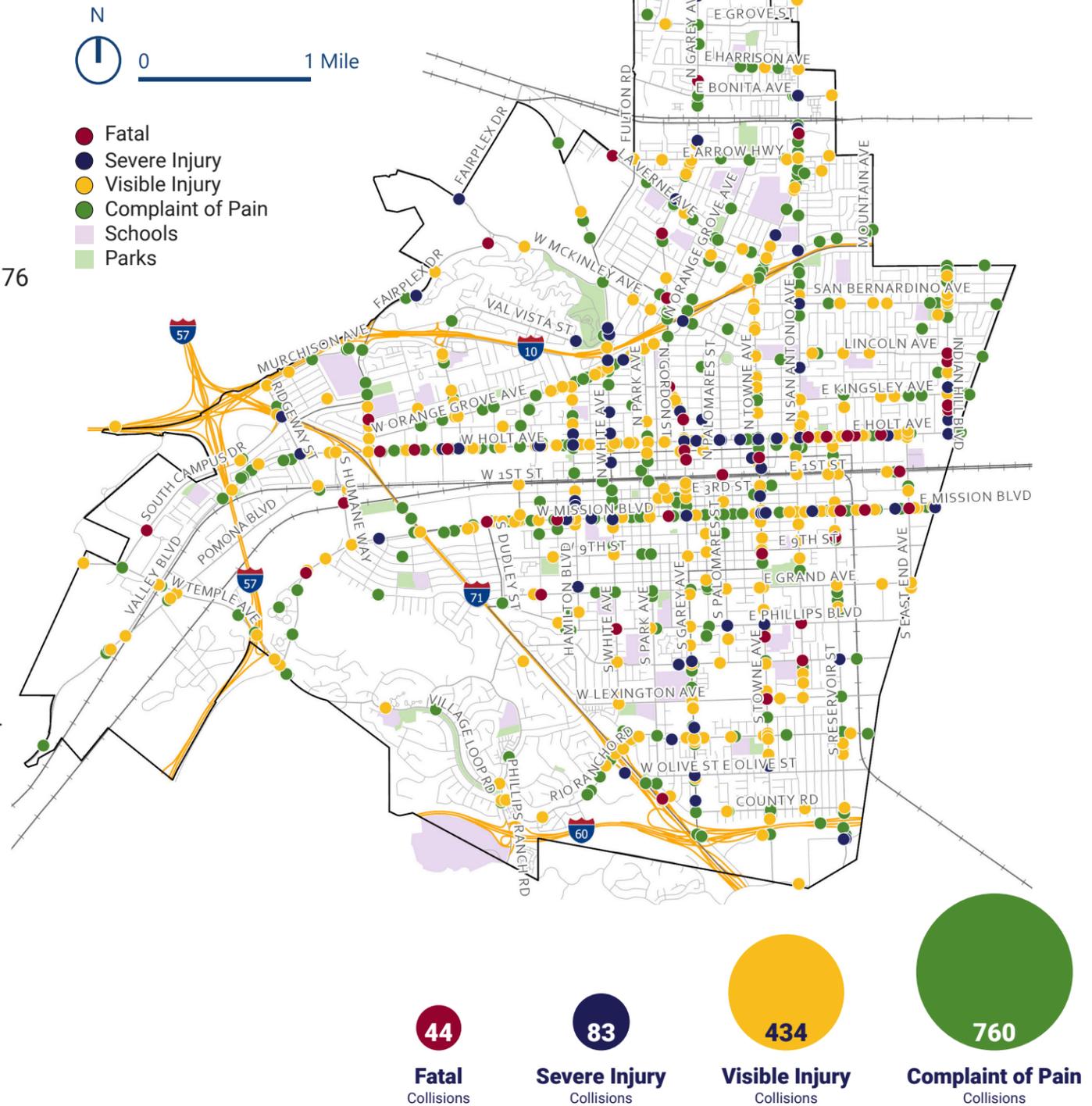
	KSI Collisions	Injury Collisions
Nighttime	127	1,321
Percentage	65%	39%
Citywide	195	3,408



* KSI = Killed (Fatal) & Severe Injury

Collision Data

(Jan 2020 - March 2025)

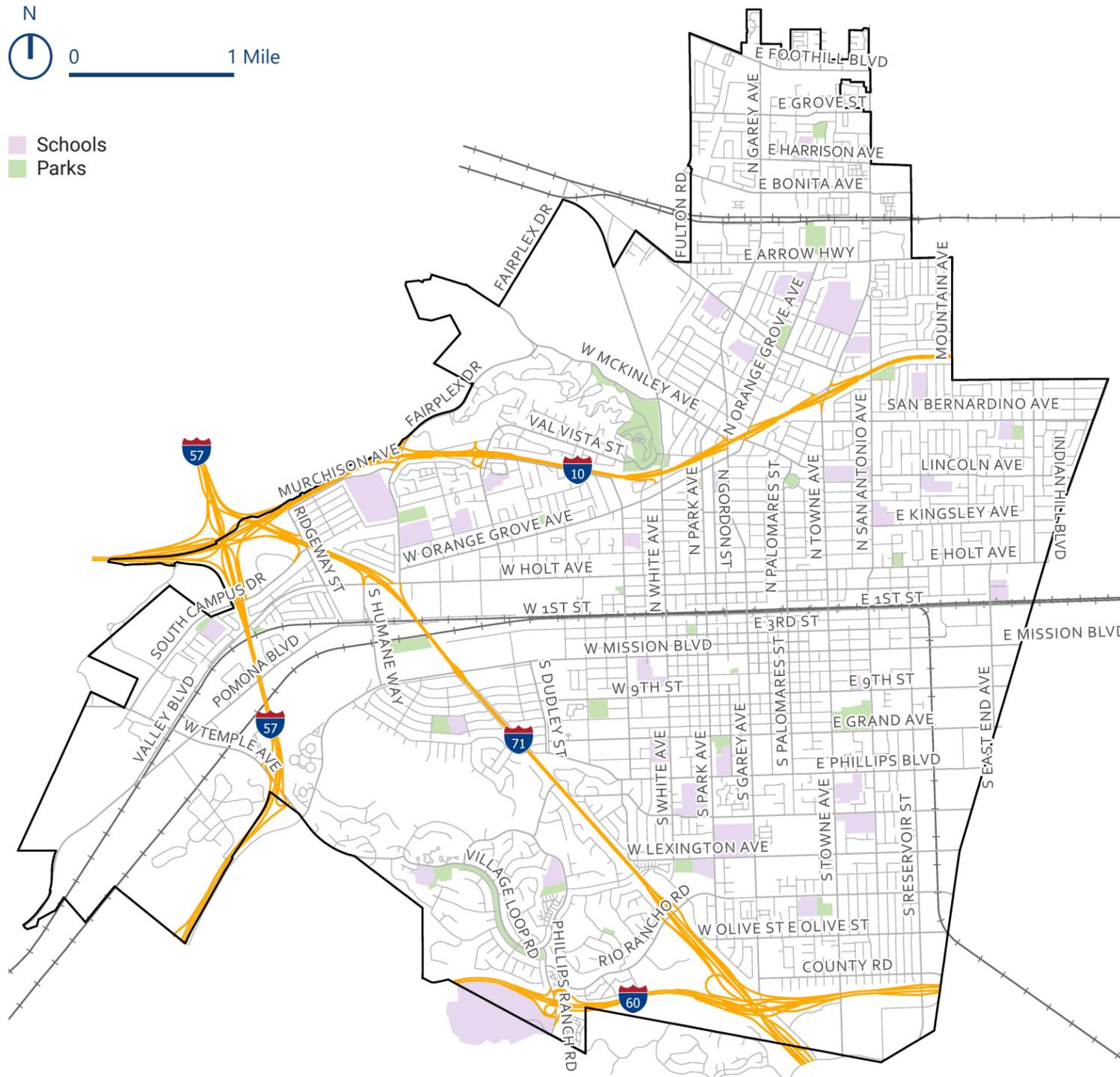


PROJECT 5: IMPROVEMENT

Citywide Street Light Upgrade / Inventory



Schools
Parks



40%
CRF

*CRF: A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.

Estimated Project Cost
\$32,102,000
As of April 2026

Safety Improvement



Upgrade Existing Lighting Fixtures to LED & Replace Damaged Lights

Enhance Energy Efficiency, Lighting Quality, & Nighttime Safety



Data Collection & Program Development (inventory of existing street light poles & plan to fill existing lighting gaps throughout the city)

Support Data-Driven Planning & Address Street Lighting Gaps Citywide

Grant Opportunities

- HSIP** - Highway Safety Improvement Program
- SS4A** - Safe Streets 4 All
- SMART** - Strengthening Mobility and Revolutionizing Transportation

PROJECT 6: COLLISION DATA

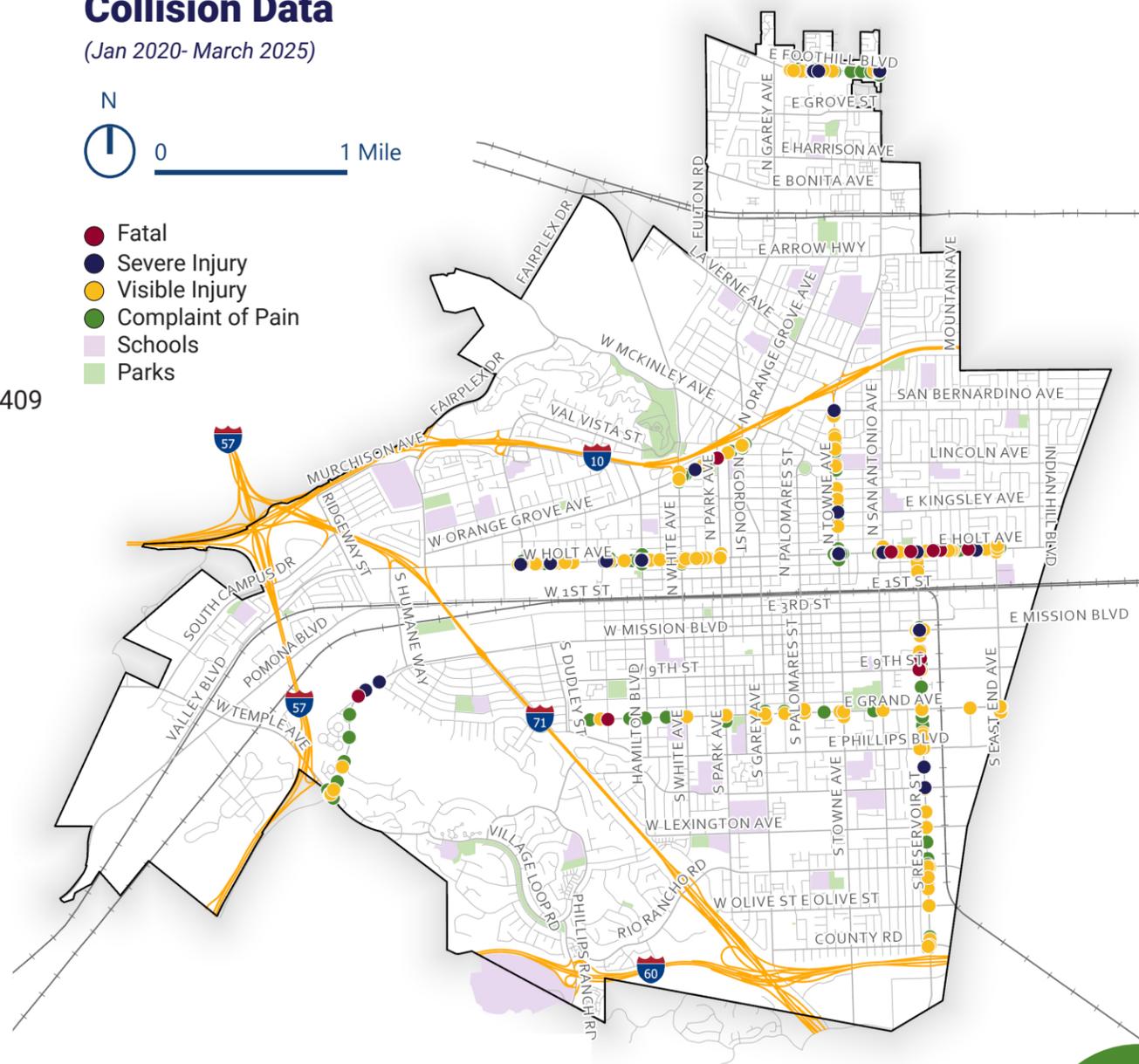
Improving Corridor Access Throughout the City

Collision Data

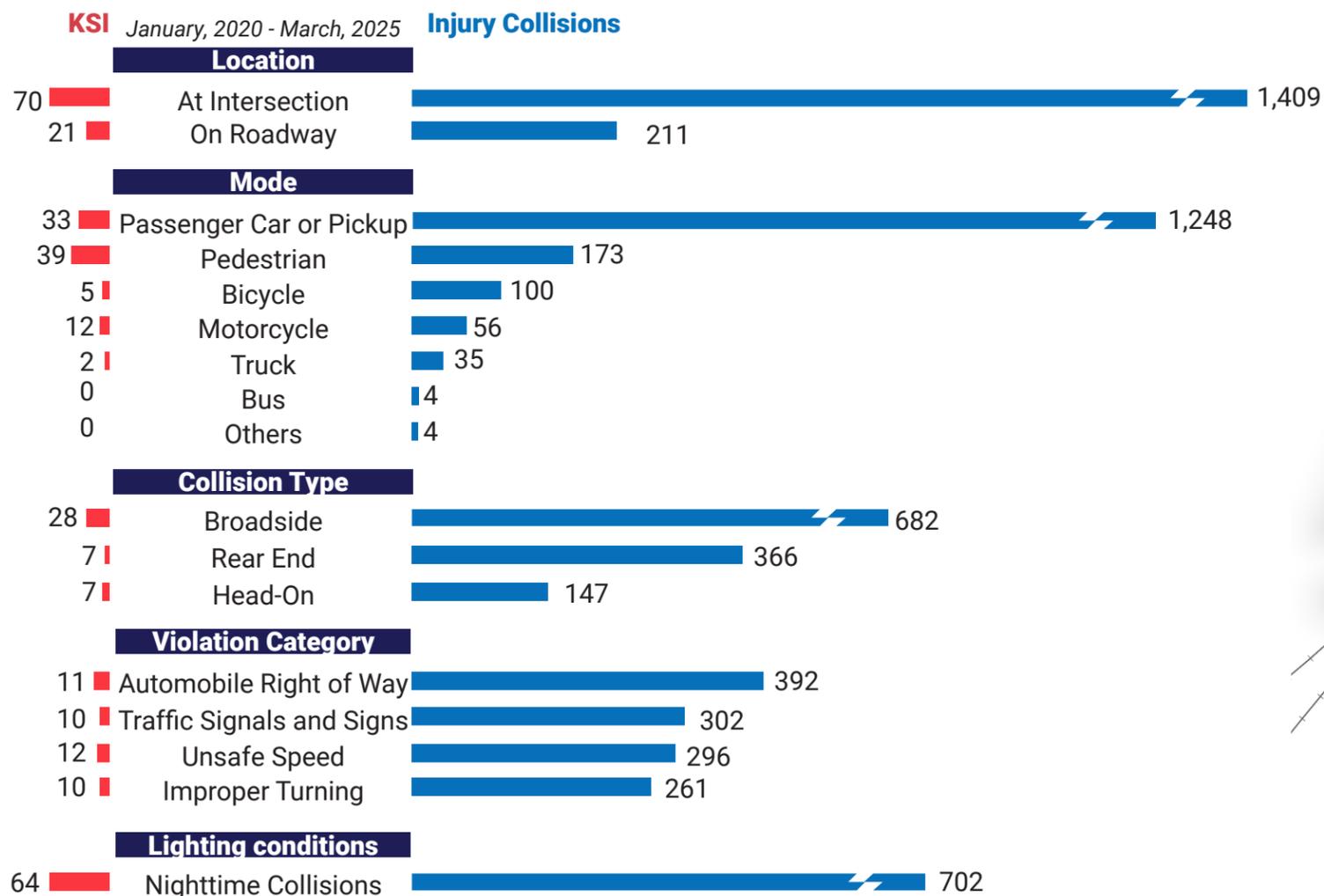
(Jan 2020- March 2025)



- Fatal
- Severe Injury
- Visible Injury
- Complaint of Pain
- Schools
- Parks



	KSI Collisions	Injury Collisions
Identified Corridors	91	1,620
Percentage Citywide	51%	50%
Citywide	195	3,408



* KSI = Killed (Fatal) & Severe Injury



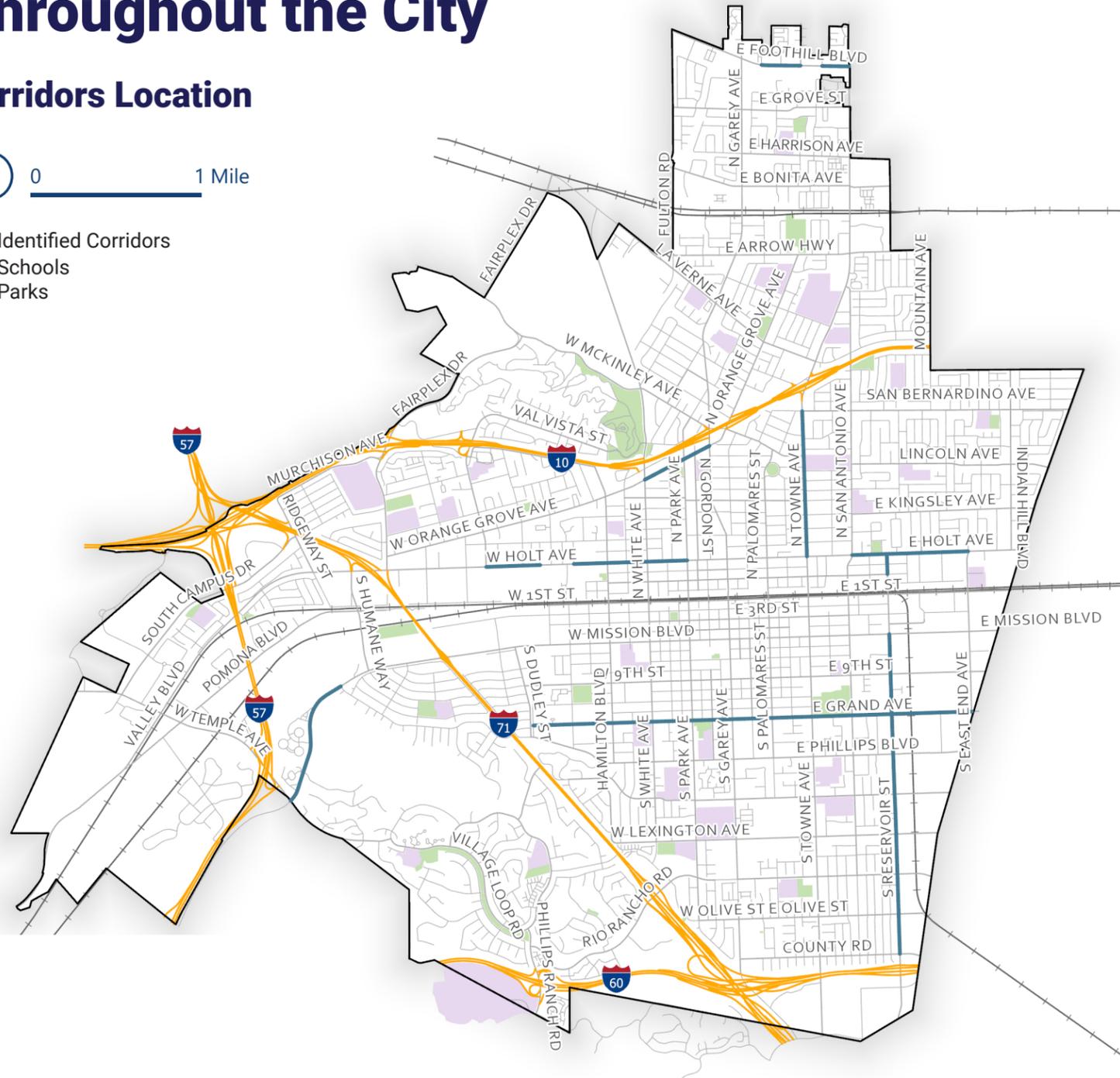
PROJECT 6: IMPROVEMENT

Improving Corridor Access Throughout the City

Corridors Location



- Identified Corridors
- Schools
- Parks



30%
CRF

***CRF:** A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.

Estimated Project Cost
\$30,626,000
As of April 2026



Safety Improvement



Install Landscaped Median with Curb & Gutter
Reduce Left Turn Conflicts & Enhance Roadway Safety



New Signal Hardware
Enhance Signal Visibility, Operations & Safety



New Signage & Striping
Enhance Sign & Striping Visibility for Added Safety



Slurry Seal
Enhance Pavement Conditions



Grant Opportunities

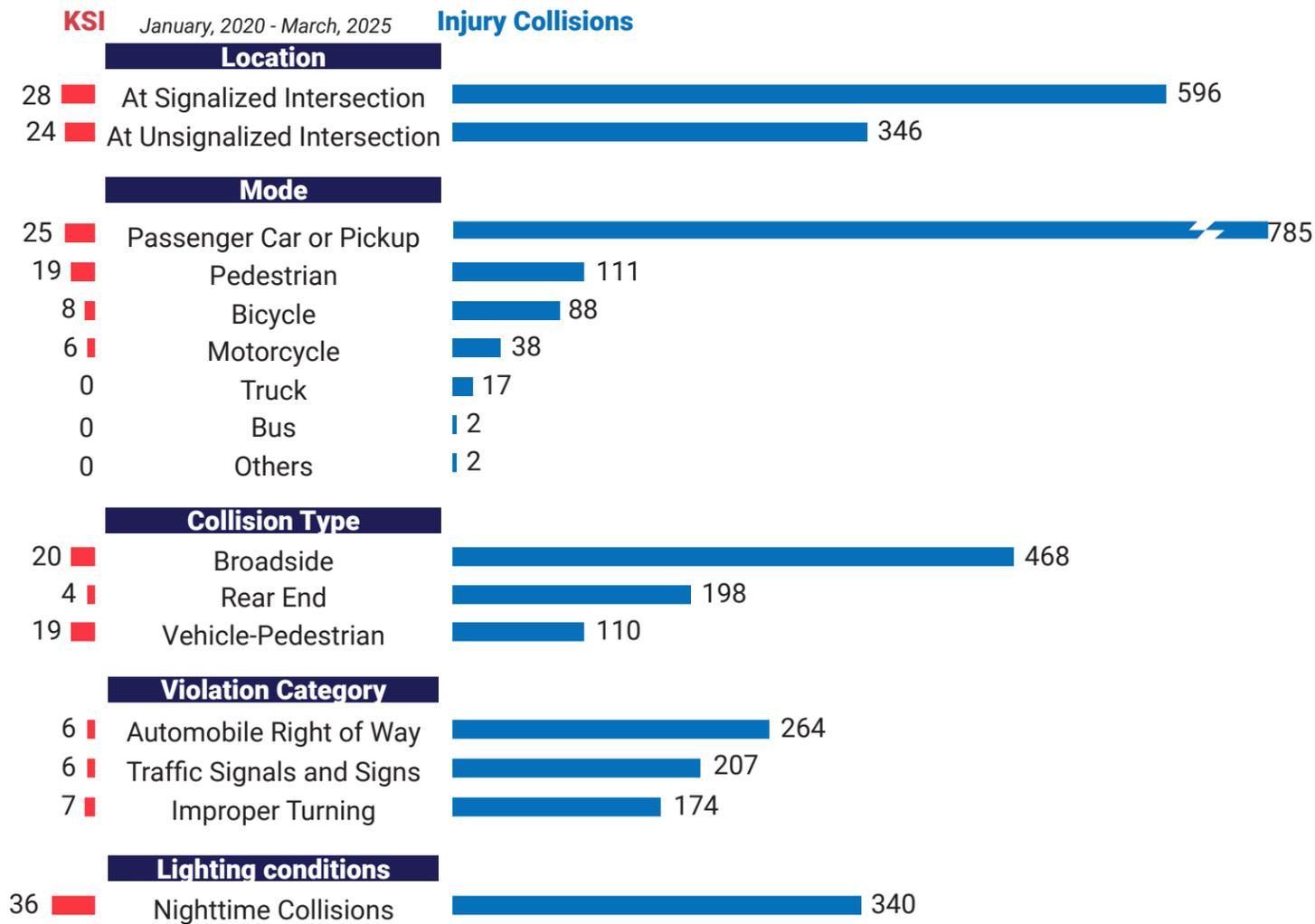
- ATP** - Active Transportation Program
- HSIP** - Highway Safety Improvement Program
- SS4A** - Safe Streets 4 All
- SCCP** - Solutions for Congested Corridors Program
- SMART** - Strengthening Mobility and Revolutionizing Transportation



PROJECT 7: COLLISION DATA

Improvements near Schools

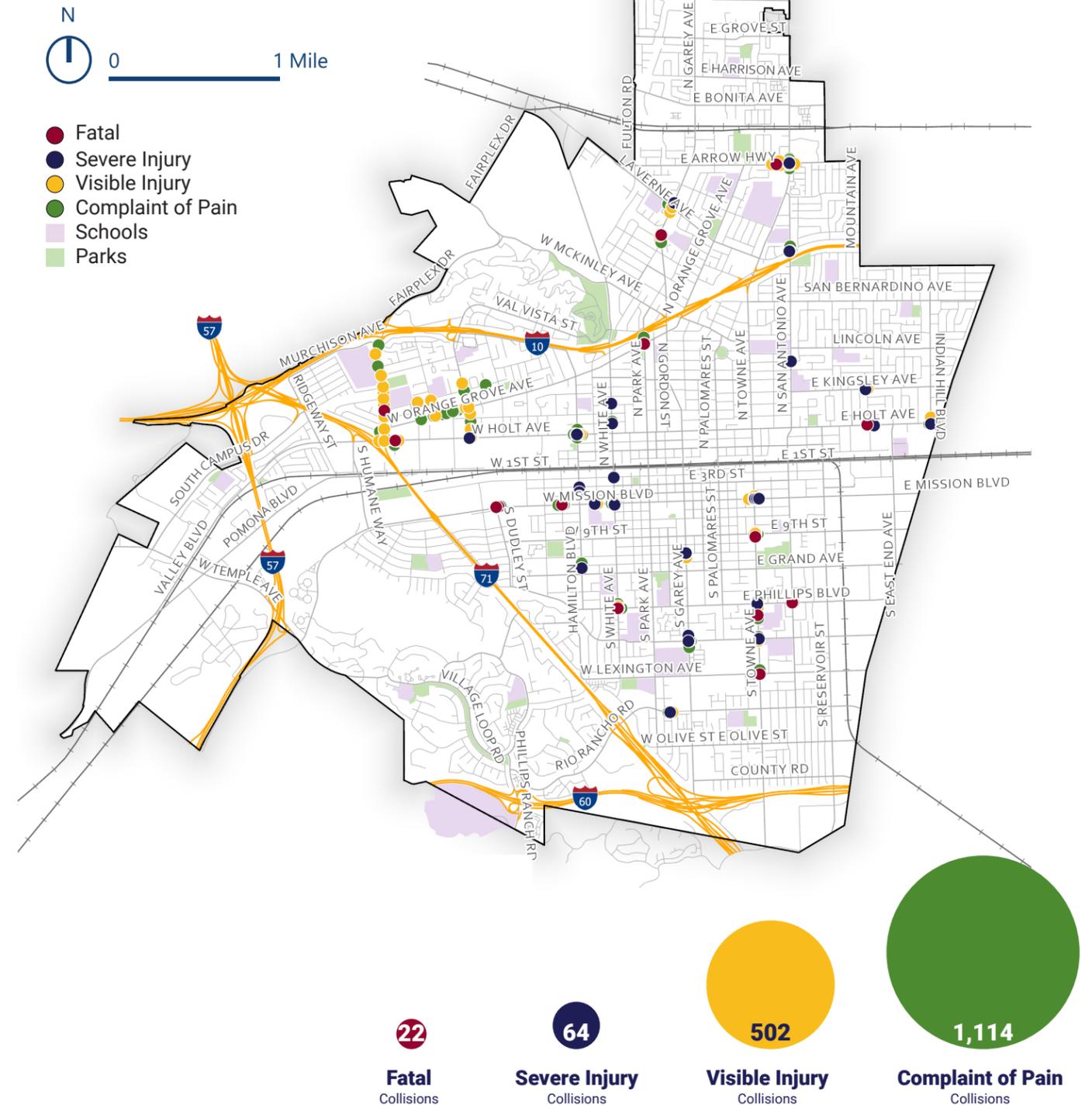
	KSI Collisions	Injury Collisions
Near Schools	58	1,043
Percentage	30%	30%
Citywide	195	3,408



* KSI = Killed (Fatal) & Severe Injury

Collision Data

(Jan 2020 - March 2025)



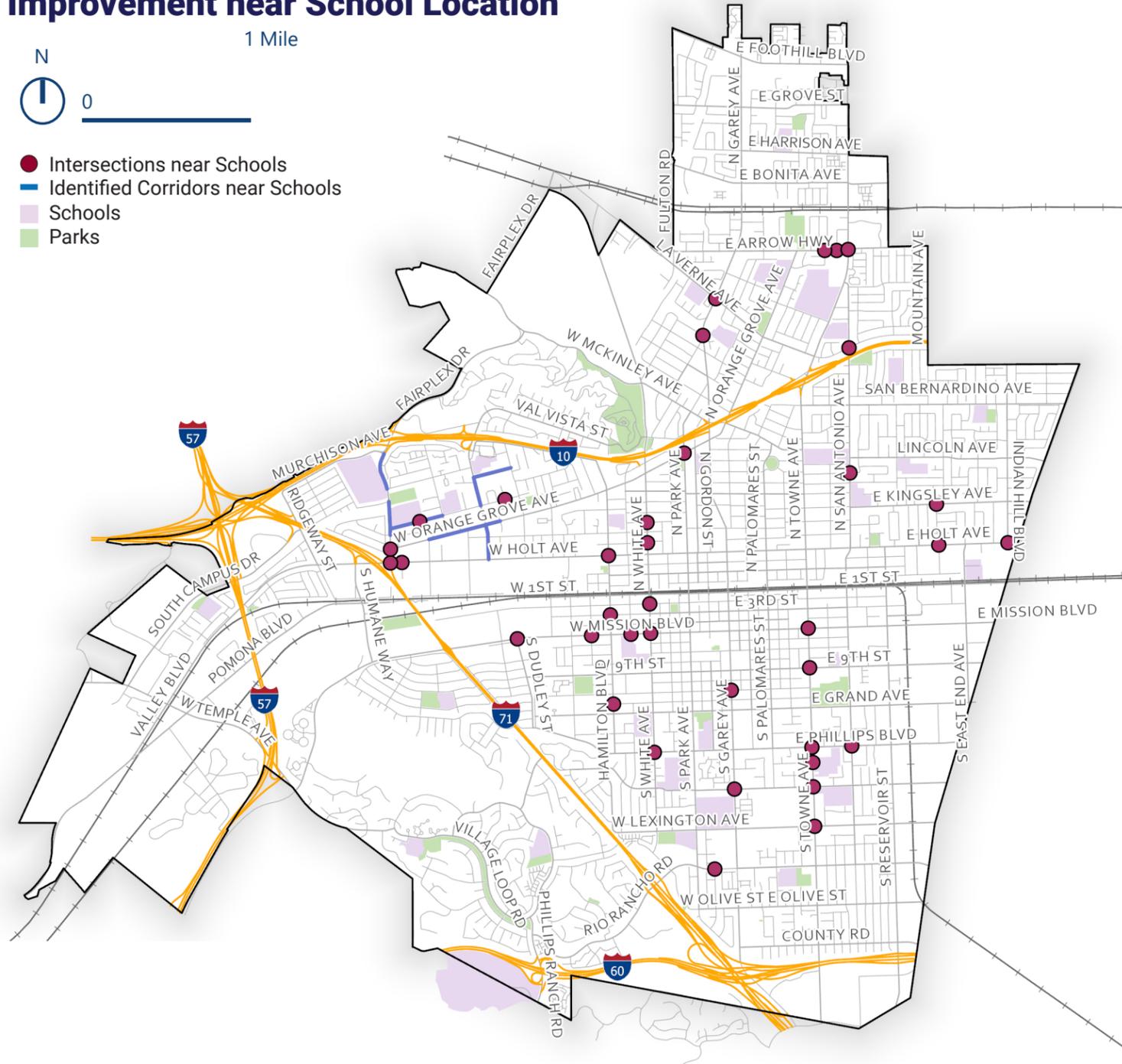
PROJECT 7: IMPROVEMENT

Improvements near Schools

Improvement near School Location



- Intersections near Schools
- Identified Corridors near Schools
- Schools
- Parks



30%
CRF

*CRF: A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.

Estimated Project Cost

\$14,893,000

As of April 2026

Safety Improvement



New Signage & Striping
Enhance Sign & Striping Visibility for Added Safety



Install High Friction Surface Treatment
Enhance Skid Resistance & Reduce Collision



New Signal Hardware
Enhance Signal Visibility, Operations & Safety



Improve Pedestrian Crossing with Bulbouts & ADA Curb Ramps
Enhance Pedestrian Safety & Accessibility



Install Medians & New Bike Lanes
Enhance Multimodal Safety & Reduce Left Turning Conflicts

Grant Opportunities

- ATP - Active Transportation Program
- HSIP - Highway Safety Improvement Program
- SS4A - Safe Streets 4 All
- SCCP - Solutions for Congested Corridors Program
- SMART - Strengthening Mobility and Revolutionizing Transportation

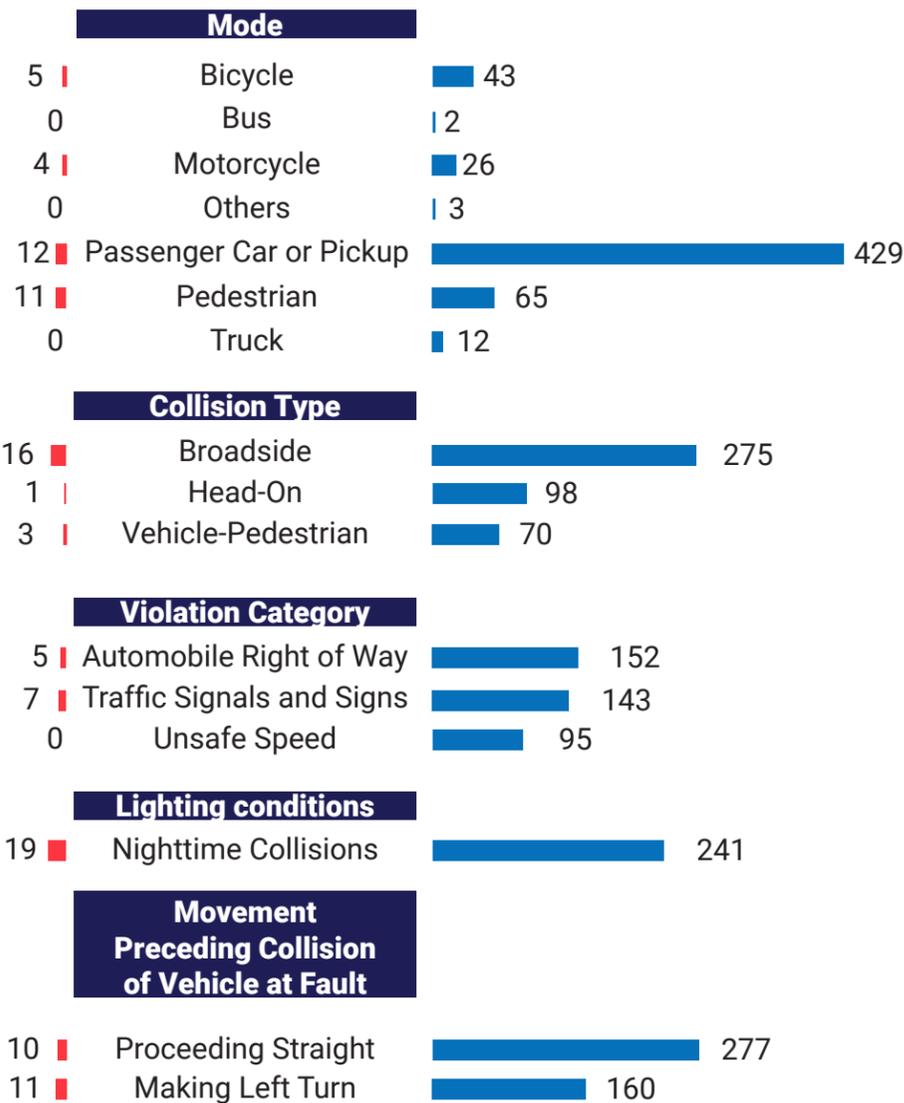
PROJECT 8: COLLISION DATA

Addition of Left Turn Arrows at Signals

Maneuver at Signalized Intersection	KSI Collisions	Injury Collisions
Percentage	16%	17%
Citywide	195	3,408

KSI January, 2020 - March, 2025

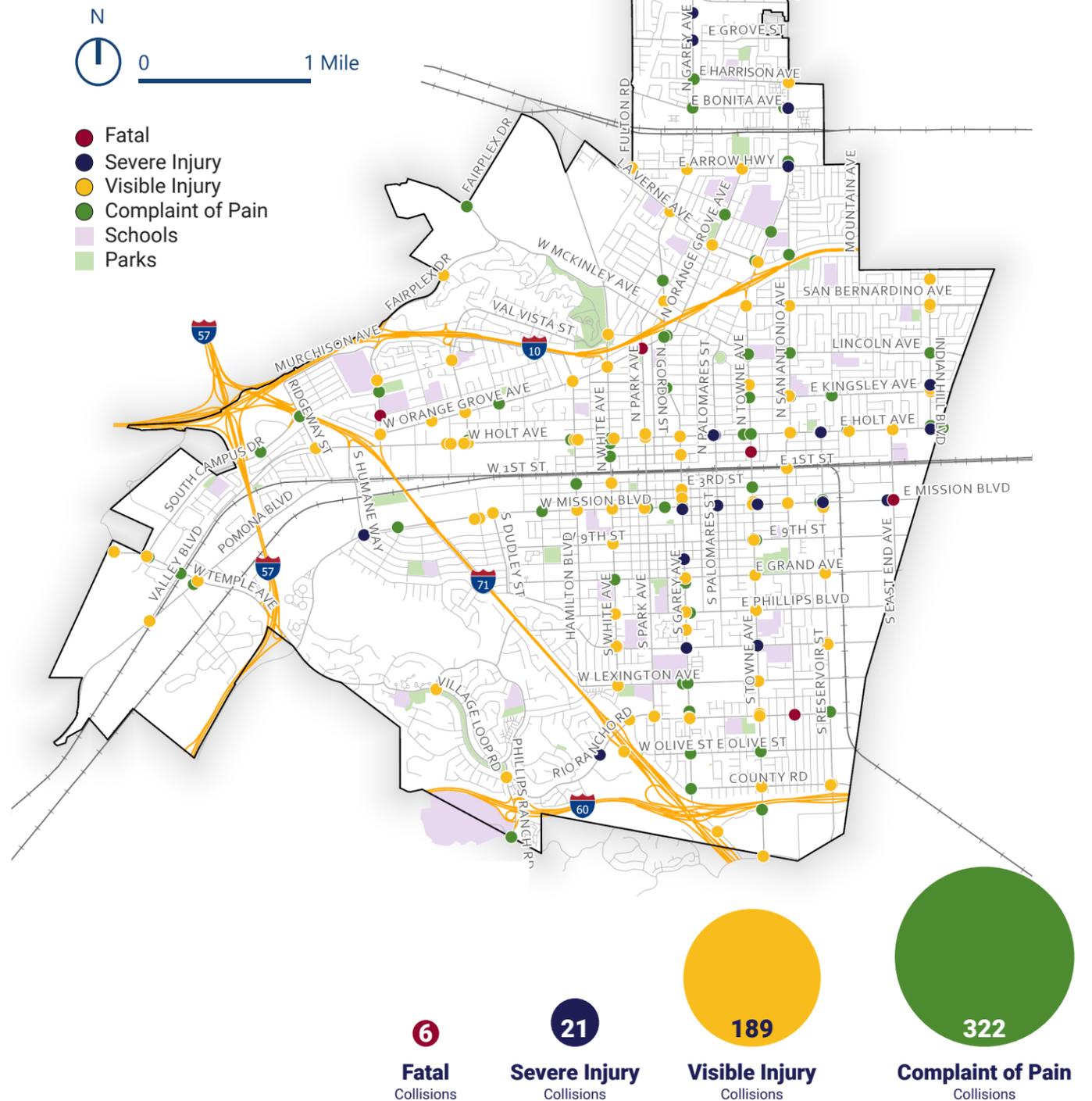
Injury Collisions



* KSI = Killed (Fatal) & Severe Injury

Collision Data

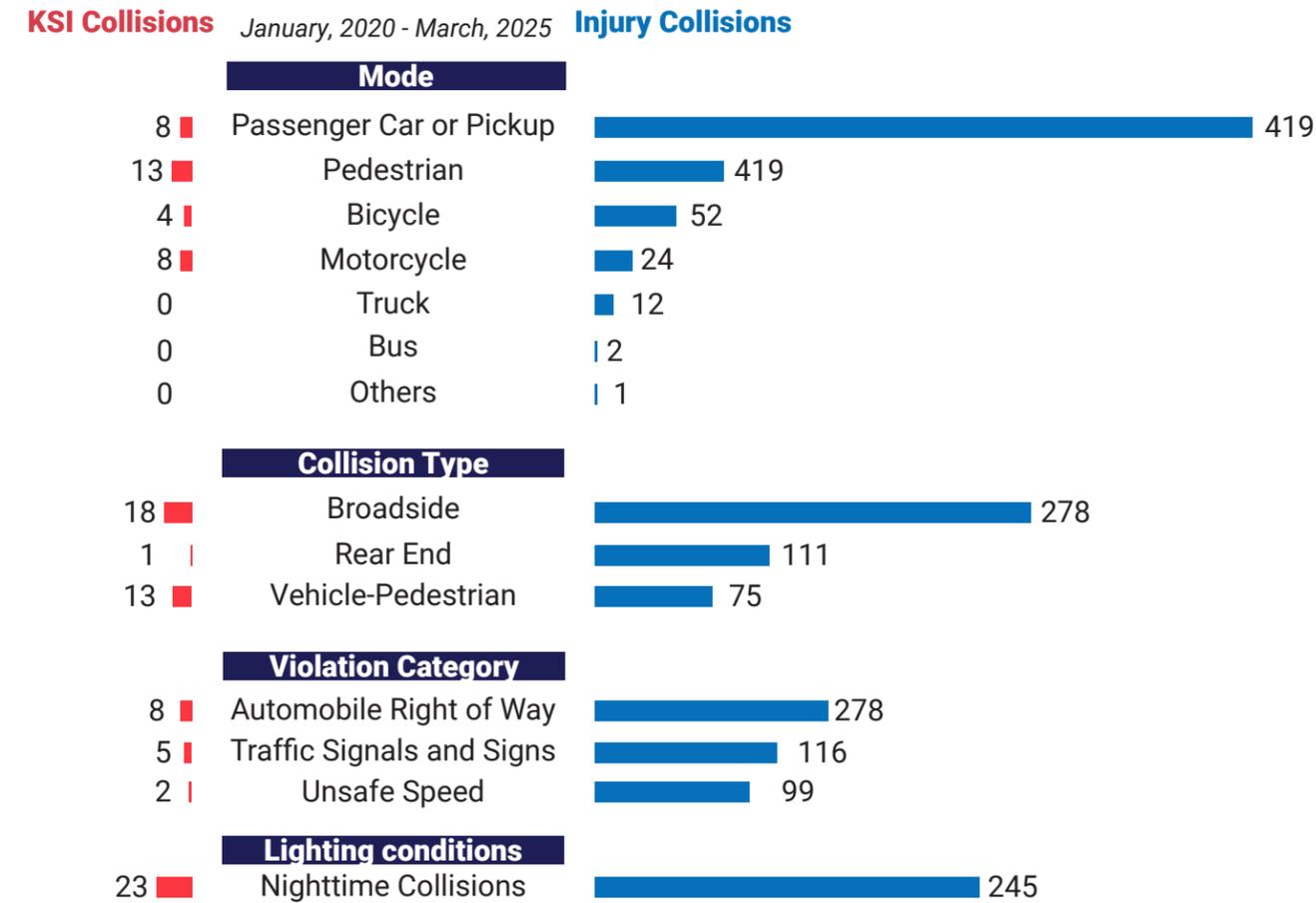
(Jan 2020 - March 2025)



PROJECT 9: COLLISION DATA

Bike Safety Improvement

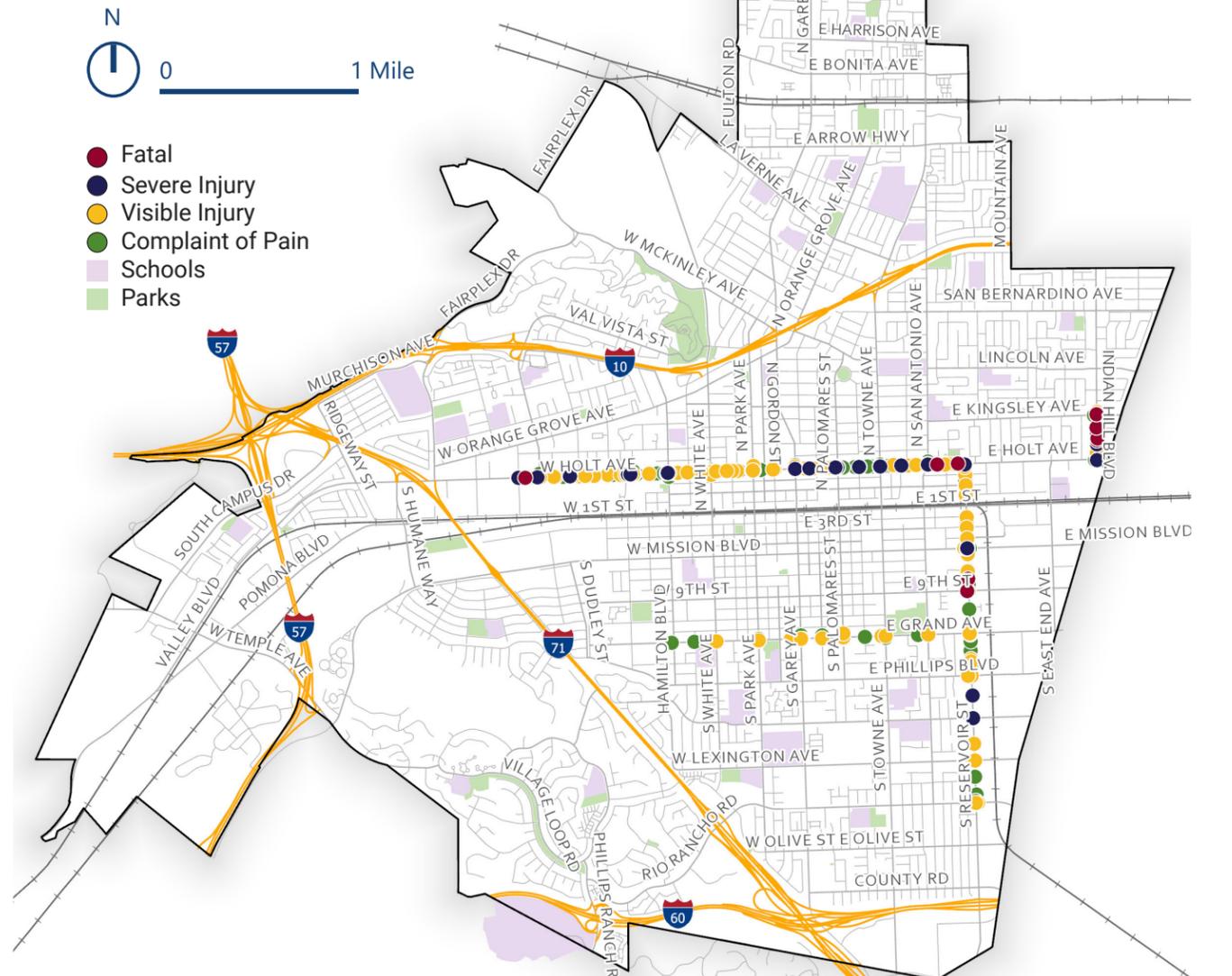
	KSI Collisions	Injury Collisions
Bike Collisions along Corridors	33	592
Percentage	17%	17%
Citywide	195	3,408



* KSI = Killed (Fatal) & Severe Injury

Collision Data

(Jan 2020 - March 2025)



10
Fatal Collisions

23
Severe Injury Collisions

181
Visible Injury Collisions

378
Complaint of Pain Collisions

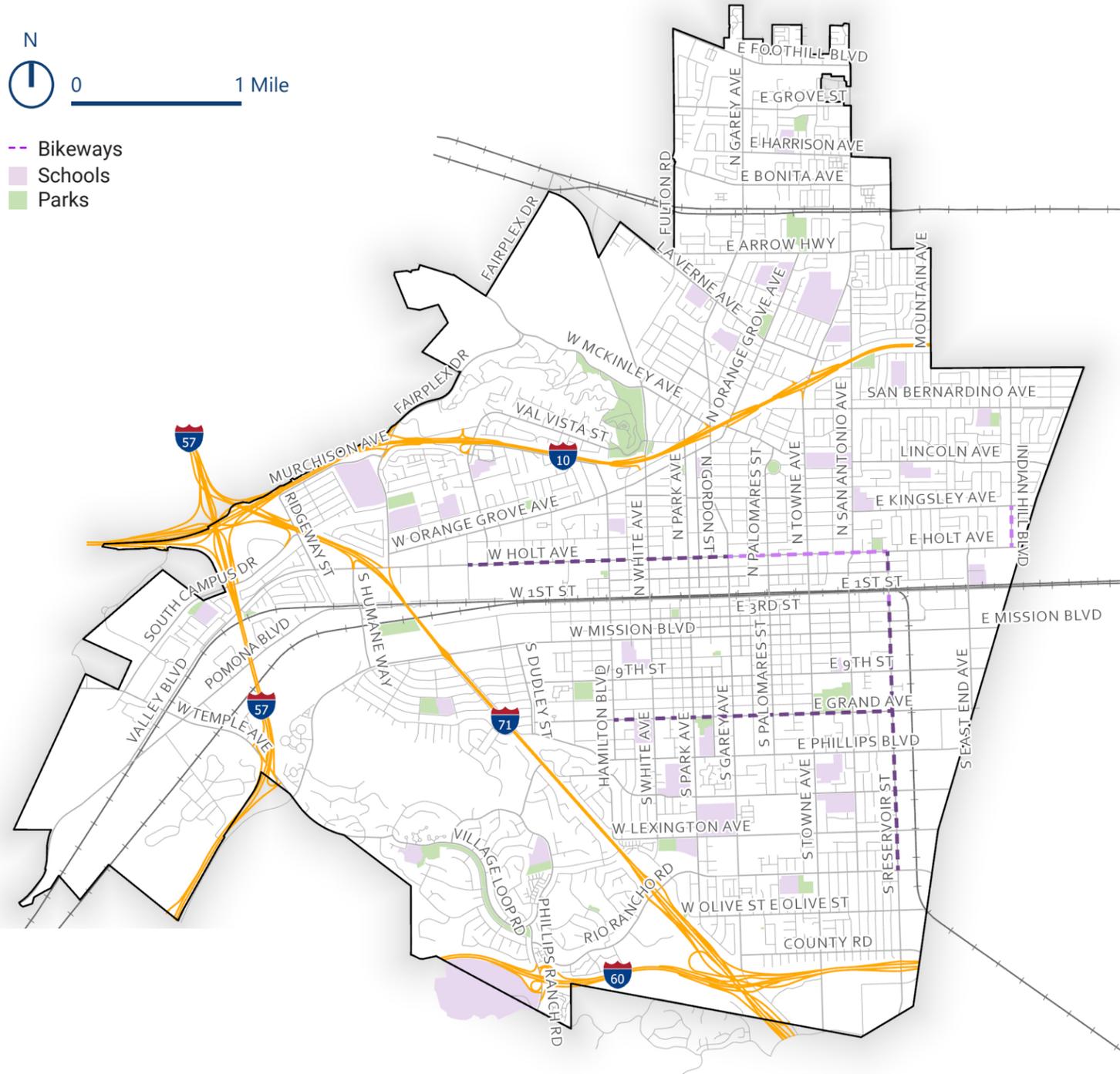


PROJECT 9: IMPROVEMENT

Bike Safety Improvement



- Bikeways
- Schools
- Parks



35%
CRF

***CRF:** A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.

\$

Estimated Project Cost
\$6,900,000

As of April 2026

Safety Improvement



Install Class II Bike Lane
Enhance Bicycle Safety & Connectivity



Install Class II Buffered Bike Lane
Enhance Bicyclist Safety / Comfort & Separation from Traffic

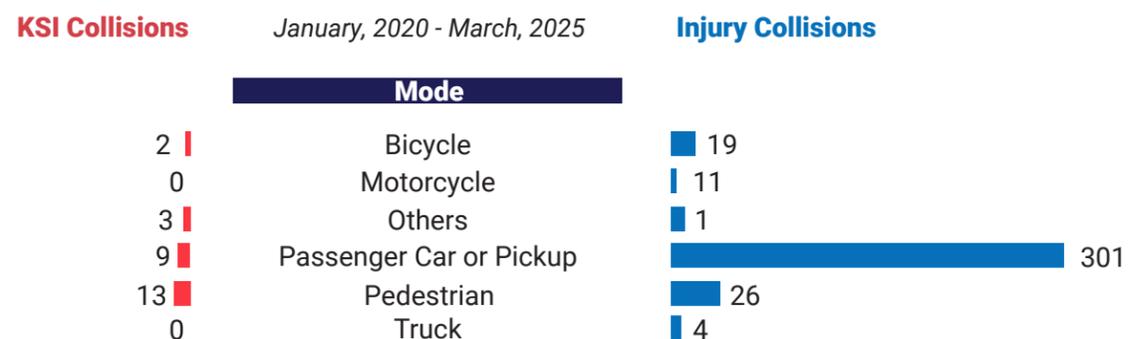
Grant Opportunities

- ATP** - Active Transportation Program
- CMAQ** - Congestion Mitigation and Air Quality Program
- HSIP** - Highway Safety Improvement Program
- SS4A** - Safe Streets 4 All
- STBG** - Surface Transportation Block Grant

PROJECT 10: COLLISION DATA

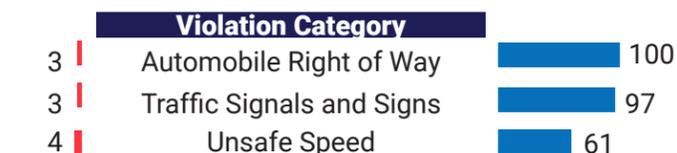
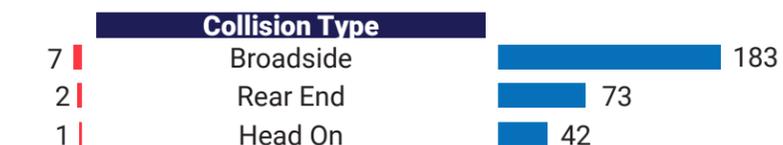
Mission Boulevard Corridor Improvement

	KSI Collisions	Injury Collisions
Along Mission Boulevard	27	407
Percentage	14%	12%
Citywide	195	3,408



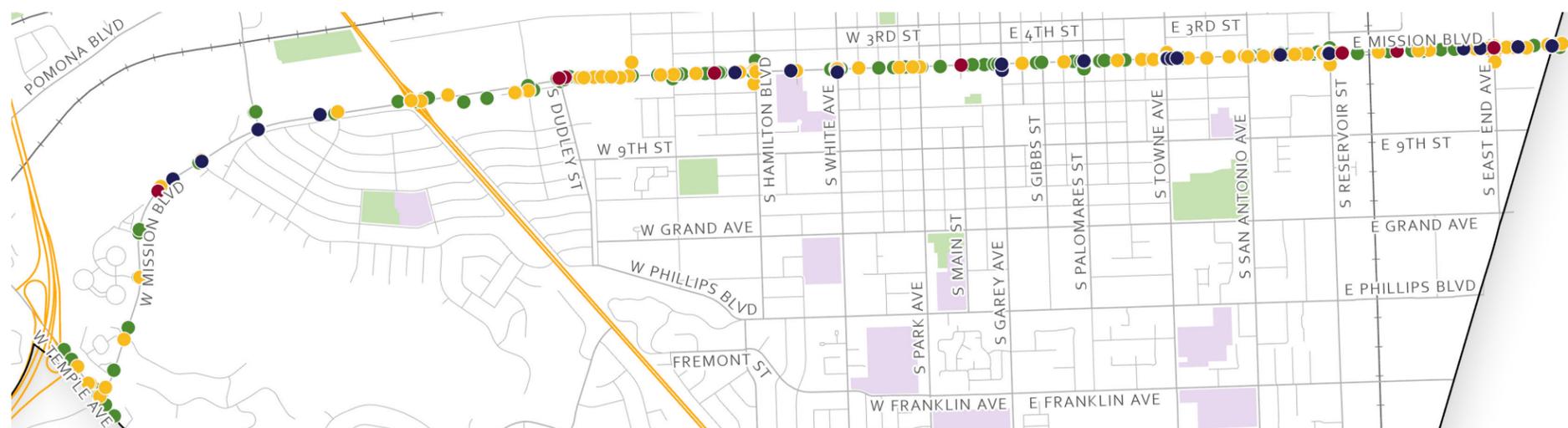
* KSI = Killed (Fatal) & Severe Injury

KSI Collisions January, 2020 - March, 2025 **Injury Collisions**



* KSI = Killed (Fatal) & Severe Injury

N 0 0.1 Mile



Mission Boulevard Corridor Improvement

**30%
CRF**

*CRF: A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.



Estimated Project Cost
\$9,093,000
As of April 2026

Safety Improvement



Improve Signal Timing at Signalized Intersections
Enhance Traffic Flow & Safety



New Signal Hardware
Enhance Signal Visibility, Operations & Safety



New Countdown Pedestrian Signal Head / Push Buttons
Enhances Pedestrian Safety



Improve Pedestrian Crossing with Bulbouts & ADA Curb Ramps
Enhance Pedestrian Safety & Accessibility



Upgrade Street Lighting (install new street light poles)
Enhance Nighttime Visibility & Safety



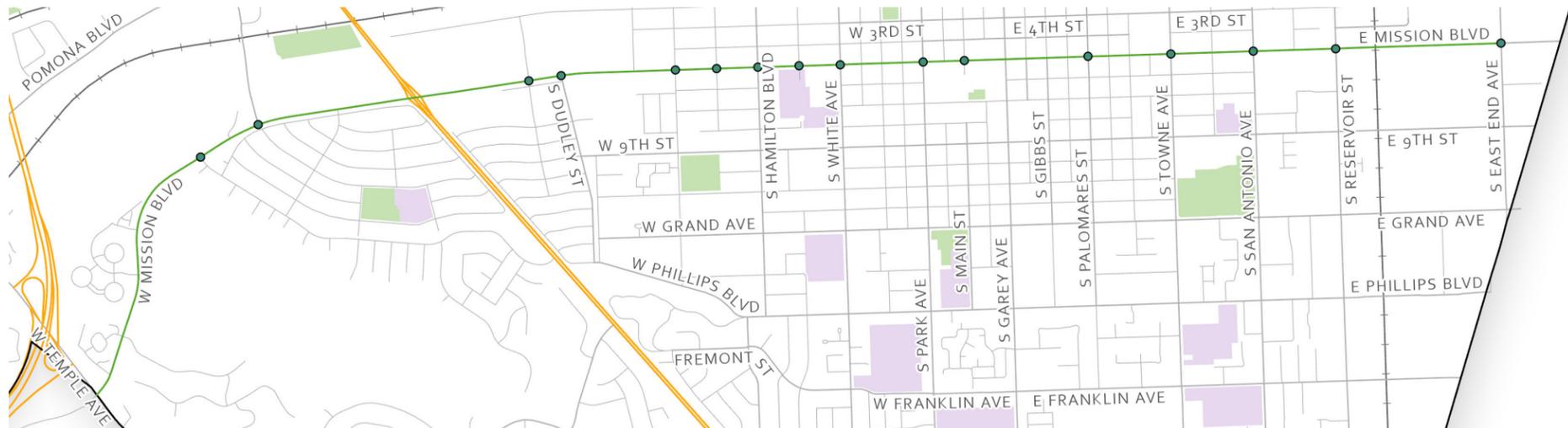
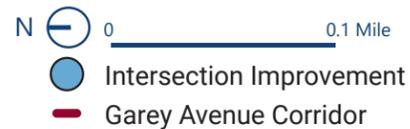
New Signage & Striping
Enhance Sign & Striping Visibility for Added Safety



Install Landscaped Median with Curb & Gutter
Reduce Left Turn Conflicts & Enhance Roadway Safety



Install Class II Bike Lane
Enhance Bicycle Safety & Connectivity



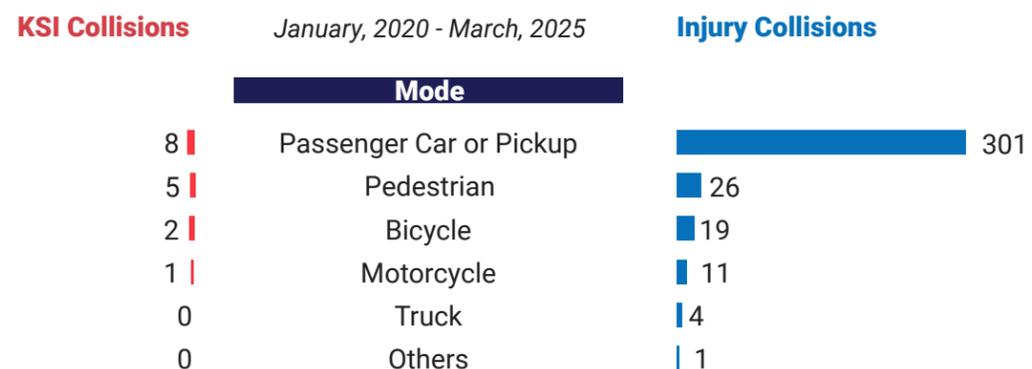
Grant Opportunities

- ATP - Active Transportation Program
- CMAQ - Congestion Mitigation and Air Quality Program
- HSIP - Highway Safety Improvement Program
- SMART - Strengthening Mobility and Revolutionizing Transportation
- SS4A - Safe Streets 4 All
- STBG - Surface Transportation Block Grant
- STIP - State Transportation Improvement Program
- Clean California Local Grant Program
- BUILD Grant Program

PROJECT 11: COLLISION DATA

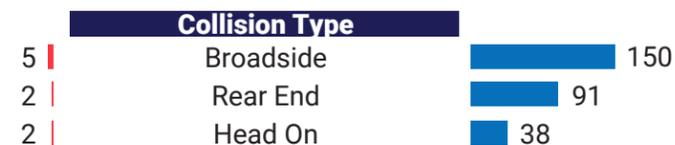
Towne Avenue Corridor Improvement

	KSI Collisions	Injury Collisions
Along Towne Avenue	16	362
Percentage	8%	11%
Citywide	195	3,408



* KSI = Killed (Fatal) & Severe Injury

KSI January, 2020 - March, 2025 **Injury Collisions**



* KSI = Killed (Fatal) & Severe Injury

- Fatal
- Severe Injury
- Visible Injury
- Complaint of Pain

5
Fatal Collisions

11
Severe Injury Collisions

110
Visible Injury Collisions

236
Complaint of Pain Collisions



Towne Avenue Corridor Improvement

30%
CRF

*CRF: A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.

\$

Estimated Project Cost
\$11,646,000

As of April 2026

Safety Improvement



Improve Signal Timing at Signalized Intersections
Enhance Traffic Flow & Safety



New Signal Hardware
Enhance Signal Visibility, Operations & Safety



New Countdown Pedestrian Signal Head / Push Buttons
Enhances Pedestrian Safety



Improve Pedestrian Crossing with Bulbouts & ADA Curb Ramps
Enhance Pedestrian Safety & Accessibility



Upgrade Street Lighting (install new street light poles)
Enhance Nighttime Visibility & Safety



New Signage & Striping
Enhance Sign & Striping Visibility for Added Safety



Install Landscaped Median with Curb & Gutter
Reduce Left Turn Conflicts & Enhance Roadway Safety



- Intersection Improvement
- Garey Avenue Corridor

Grant Opportunities

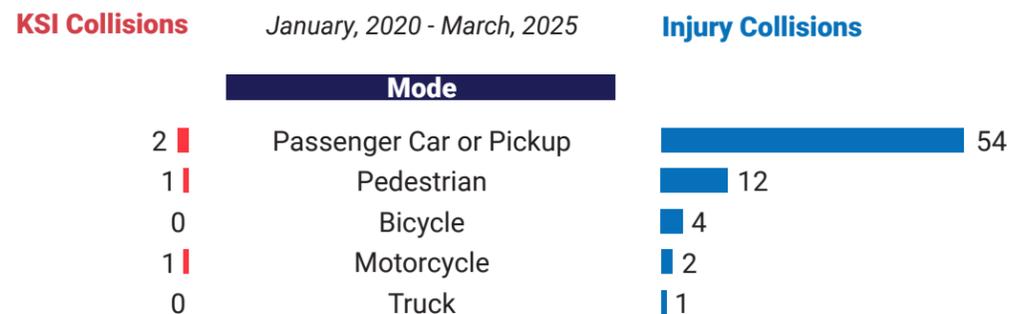
- ATP** - Active Transportation Program
- CMAQ** - Congestion Mitigation and Air Quality Program
- HSIP** - Highway Safety Improvement Program
- SMART** - Strengthening Mobility and Revolutionizing Transportation
- SS4A** - Safe Streets 4 All

- STBG** - Surface Transportation Block Grant
- STIP** - State Transportation Improvement Program
- Clean California Local Grant Program**
- BUILD Grant Program**

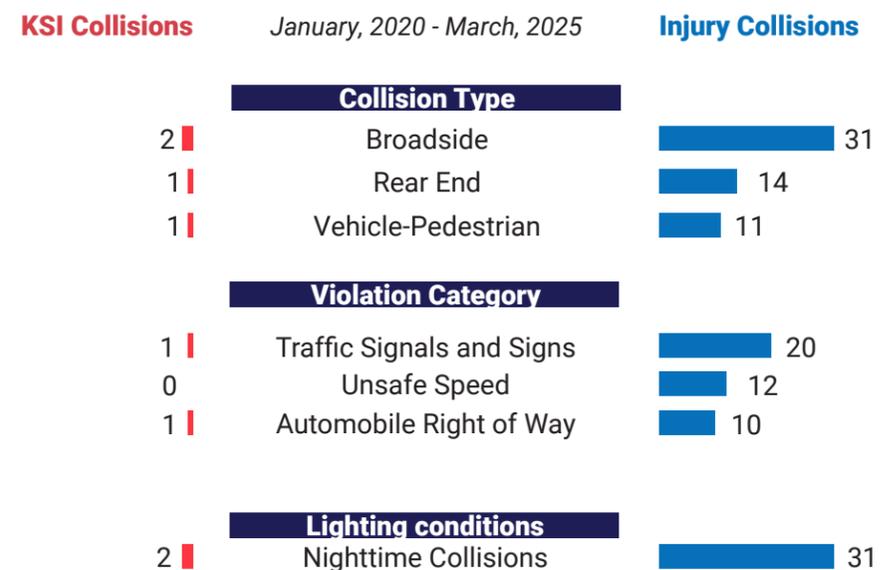
PROJECT 12: COLLISION DATA

Garey Avenue Downtown Corridor Improvement

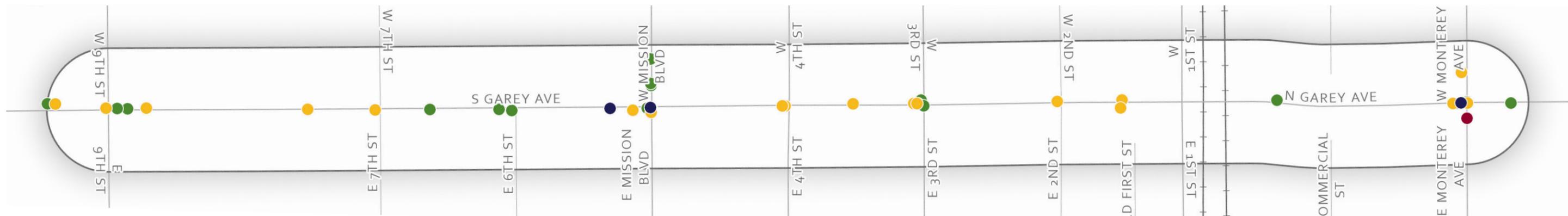
	KSI Collisions	Injury Collisions
Along Garey Avenue	4	73
Percentage	2%	2%
Citywide	195	3,408



* KSI = Killed (Fatal) & Severe Injury



* KSI = Killed (Fatal) & Severe Injury



- Fatal
- Severe Injury
- Visible Injury
- Complaint of Pain



Garey Avenue Downtown Corridor Improvement

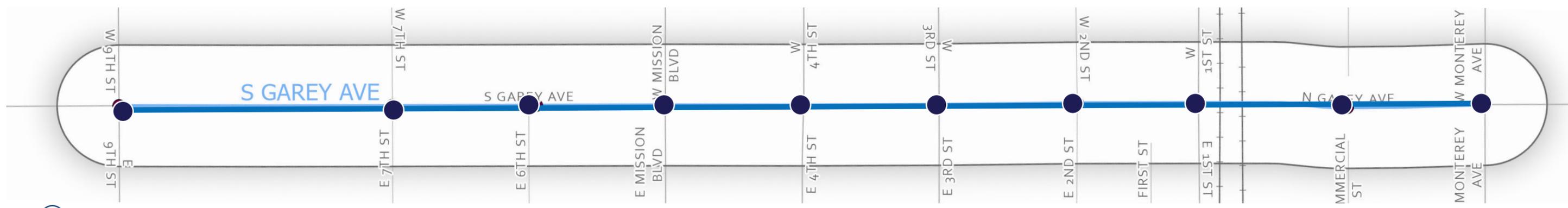
**30%
CRF**

***CRF:** A Crash Reduction Factor represents the percentage decrease in crashes expected after implementing a specific safety improvement.

Estimated Project Cost
\$5,127,000
As of April 2026

Safety Improvement

- | | | | | | | | |
|--|---|--|---|---|--|--|---|
| | | | | | | | |
| Improve Signal Timing at Signalized Intersections | New Signal Hardware | New Countdown Pedestrian Signal Head / Push Buttons | Improve Pedestrian Crossing with Bulbouts & ADA Curb Ramps | Upgrade Street Lighting (install new street light poles) | New Signage & Striping | Install Landscaped Median with Curb & Gutter | Install Class II Bike Lane Parking Protected |
| <i>Enhance Traffic Flow & Safety</i> | <i>Enhance Signal Visibility, Operations & Safety</i> | <i>Enhances Pedestrian Safety</i> | <i>Enhance Pedestrian Safety & Accessibility</i> | <i>Enhance Nighttime Visibility & Safety</i> | <i>Enhance Sign & Striping Visibility for Added Safety</i> | <i>Reduce Left Turn Conflicts & Enhance Roadway Safety</i> | <i>Enhance Bicycle Safety & Connectivity</i> |



- Intersection Improvement
- Garey Avenue Corridor

Grant Opportunities

- ATP** - Active Transportation Program
- CMAQ** - Congestion Mitigation and Air Quality Program
- HSIP** - Highway Safety Improvement Program
- SMART** - Strengthening Mobility and Revolutionizing Transportation
- SS4A** - Safe Streets 4 All

- STBG** - Surface Transportation Block Grant
- STIP** - State Transportation Improvement Program
- Clean California Local Grant Program**
- BUILD Grant Program**