

APPENDIX G

Focus Corridors - Proposed Countermeasures

UNION COUNTY SAFE STREETS FOR ALL ACTION PLAN



Corridor Profiles and Safety Recommendations

This appendix includes corridor profiles and safety recommendations for the 20 County HIN corridors and 10 Elizabeth HIN corridors.

Municipality(ies)	The corridor profile table includes corridor location, limits, functional classification, average number of vehicles per day, and truck route designation.
Mileposts	
Functional Classification	
AADT (vehicles/day)	
Truck Route	

SAFETY DATA

TOTAL CRASHES*:	KSI CRASHES*:
TOP 3 CRASH TYPES*	COMMUNITY FEEDBACK

The Safety Data section for each corridor contains the total number of crashes between 2018-2022 within the corridor limits, and the number of killed and serious injury (KSI) crashes. The top three crash types and top community feedback themes are also displayed for each corridor.

SAFETY RECOMMENDATIONS



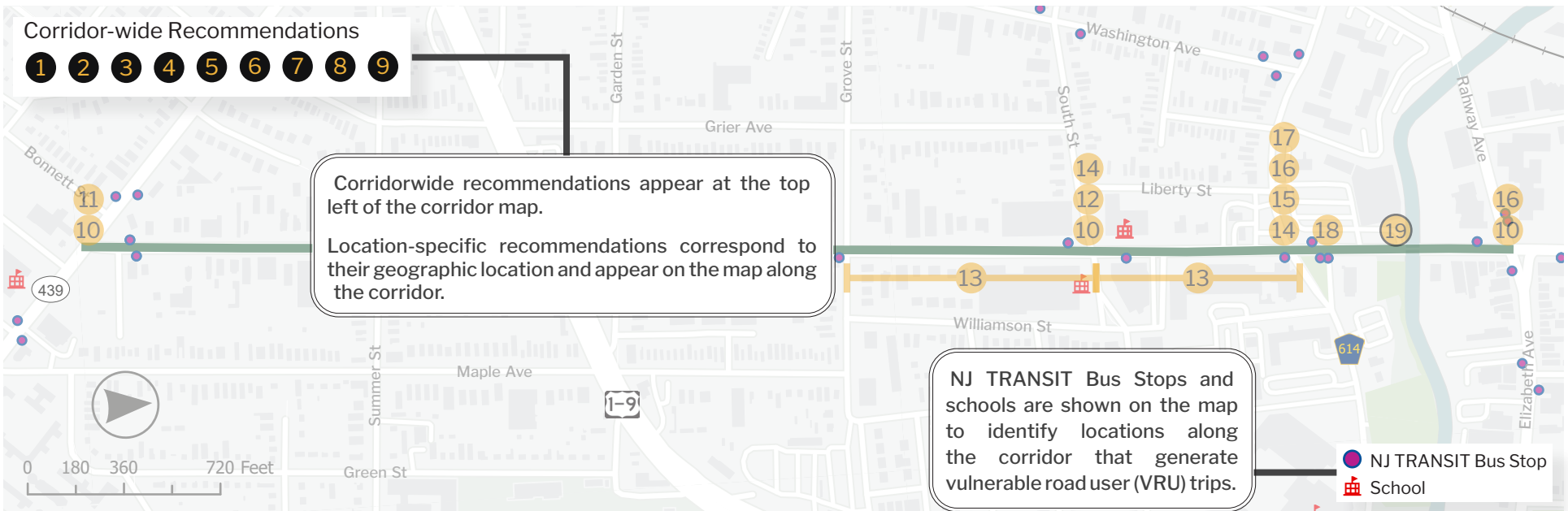
Corridor-wide recommendations are indicated by black circles with yellow numbering. For example, if a corridor-wide recommendation pertains to traffic signal upgrades, it would apply to every signalized intersection.



Location-specific recommendations are shown in the yellow circles with black lettering.



Previously planned projects are shown in the yellow circles with a black outline.






South Broad Street (CR 623), between Bayway and Rahway Avenue/Elizabeth Avenue

Municipality(ies)	Elizabeth
Mileposts	0.00 - 1.00
Functional Classification	Minor Arterial
AADT (vehicles/day)	18,726 (bidirectional)
Truck Route	No




SAFETY DATA

TOTAL CRASHES*: 364 KSI CRASHES*: 9

TOP 3 CRASH TYPES*

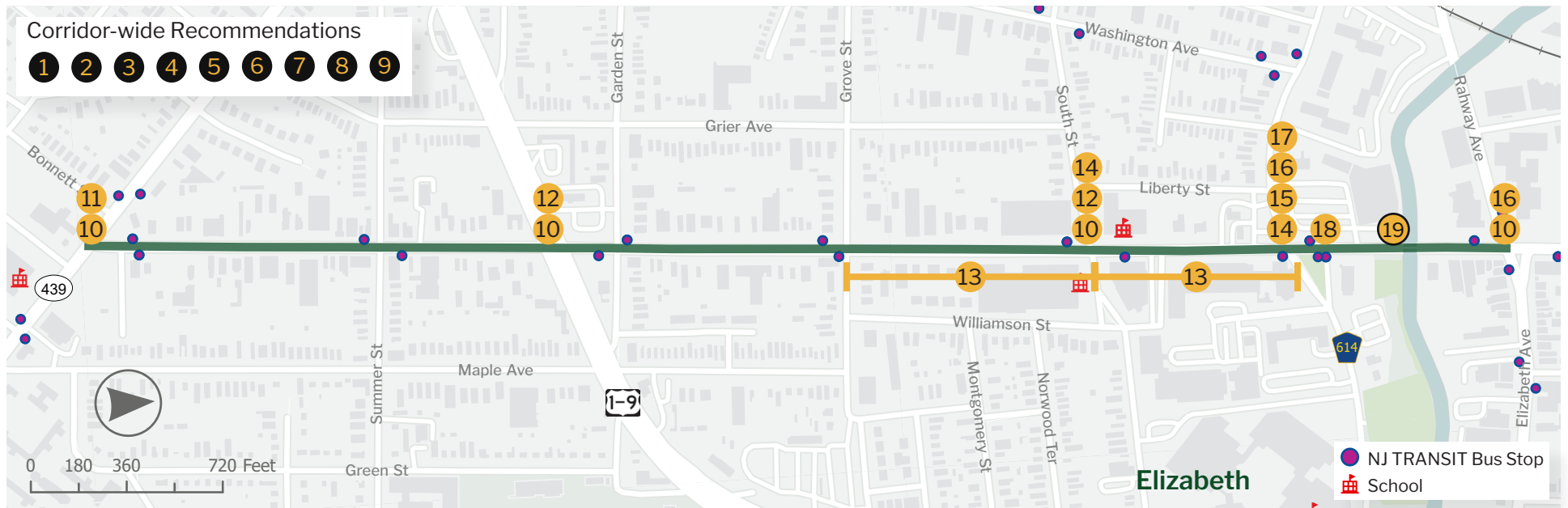
-  Right Angle (27%)
-  Same Direction - Rear End (26%)
-  Same Direction - Sideswipe (18%)

COMMUNITY FEEDBACK

-  Excessive Speeding
-  Conflict With Bike/ Scooter Riders
-  Confusing or Unsafe Intersection

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Traffic Signal Preemption
- 3 Lighting Improvements
- 4 Edge Lines
- 5 Intersection Daylighting
- 6 High-Visibility Crosswalk
- 7 Curb Ramp Upgrades
- 8 Sidewalk Repairs
- 9 Bus Stop Upgrades
- 10 Signal Operations
- 11 Painted Curb Extensions
- 12 Leading Pedestrian Interval
- 13 School Zone Markings/Signage
- 14 Advance Lane Control Signage
- 15 Intersection Line Extension
- 16 Lane Reassignment
- 17 Centerline Extension
- 18 Lane Narrowing
- 19 Pedestrian Hybrid Beacon**



Kenilworth Boulevard / Galloping Hill Road (CR 509) Between Riverside Drive and Walton Avenue / Tucker Avenue / Chestnut Street / Delaware Avenue

Municipality(ies)	Cranford, Kenilworth, Union
Mileposts	9.98 - 12.37
Functional Classification	Minor Arterial
AADT (vehicles/day)	16,040 (bidirectional)
Truck Route	Yes

SAFETY DATA

TOTAL CRASHES*: 505 KSI CRASHES*: 23

TOP 3 CRASH TYPES*

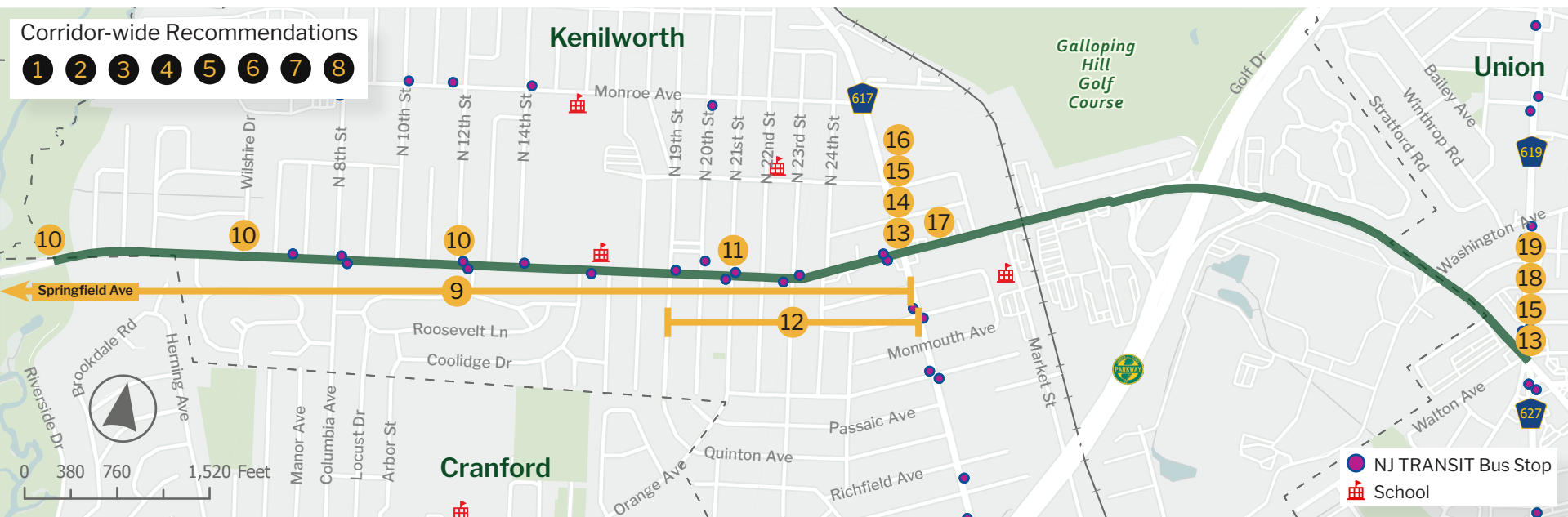
- Same Direction - Rear End (28%)
- Same Direction - Sideswipe (24%)
- Right Angle (18%)

COMMUNITY FEEDBACK

- Excessive Speeding
- Motorists don't yield to pedestrians
- Confusing or Unsafe Intersection

SAFETY RECOMMENDATIONS

- Traffic Signal Upgrades
- Speed Feedback Sign
- Edge Lines
- Intersection Daylighting
- High-Visibility Crosswalk
- Curb Ramp Upgrades
- Sidewalk Installation and Repairs
- Bus Stop Upgrades
- Road Diet with Bike Lanes
- Pedestrian Hybrid Beacon or Rectangular Rapid Flashing Beacon
- No Turn on Red
- Reverse-Angle Parking
- Signal Operations
- Hanging Lane Control Signage
- Lane Reassignment
- Centerline Extension
- Channelizing/Splitter Island
- Intersection Line Extension
- Geometric Improvements






Morris Avenue (CR 629), between Westfield Avenue and North Avenue

Municipality(ies)	Elizabeth, Union
Mileposts	0.00 - 0.74
Functional Classification	Minor Arterial
AADT (vehicles/day)	16,345 - 20,358 (bidirectional)
Truck Route	No




SAFETY DATA

TOTAL CRASHES*: 371 KSI CRASHES*: 7

TOP 3 CRASH TYPES*

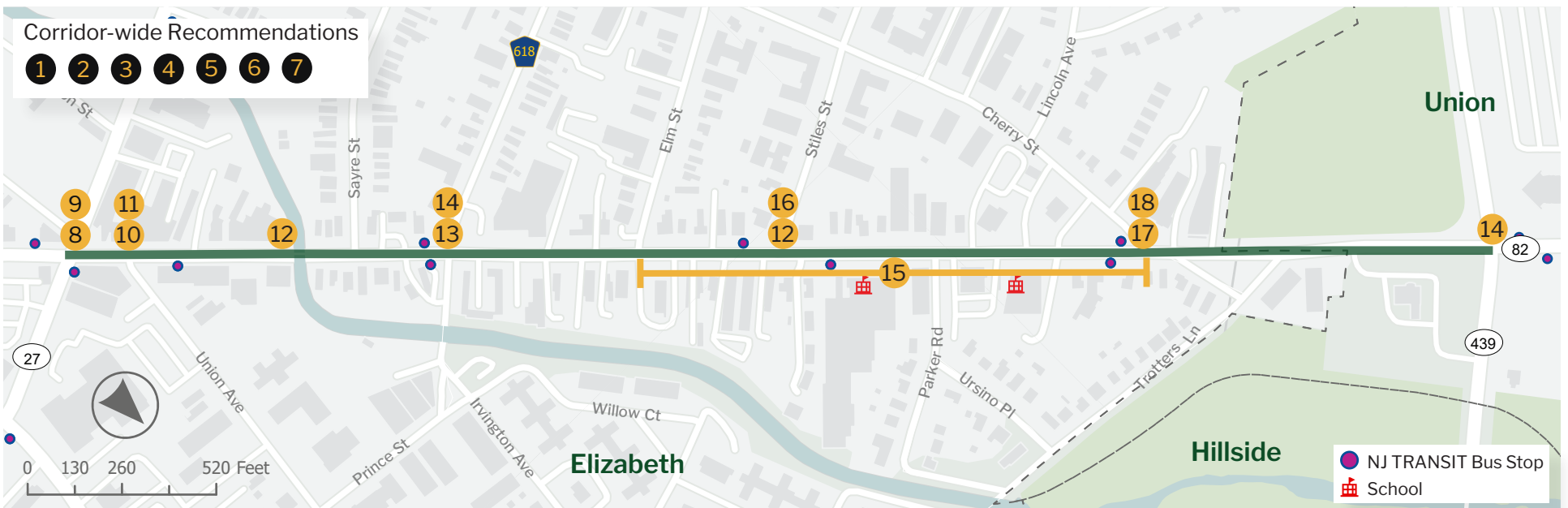
-  Same Direction - Rear End (29%)
-  Same Direction - Sideswipe (18%)
-  Right Angle (14%)

COMMUNITY FEEDBACK

-  Conflict With Bike/ Scooter Riders
-  Confusing or Unsafe Intersection
-  Traffic Makes Me Feel Unsafe

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Edge Lines
- 3 Intersection Daylighting
- 4 High-Visibility Crosswalk
- 5 Curb Ramp Upgrades
- 6 Sidewalk Repairs
- 7 Bus Stop Upgrades
- 8 Signal Operations
- 9 Stop Bar Placement
- 10 Channelizing/Splitter Island
- 11 Painted Curb Extensions
- 12 Rectangular Rapid Flashing Beacon
- 13 No Turn on Red
- 14 Leading Pedestrian Interval
- 15 School Zone Markings/Signage
- 16 New High-Visibility Crosswalk
- 17 Lane Reassignment
- 18 Geometric Improvements



West Milton Avenue (CR 648), between Pierpont Street and the Rahway River Path




Municipality(ies)	Rahway
Mileposts	0.12 - 0.82
Functional Classification	Major Collector
AADT (vehicles/day)	8,189 (bidirectional)
Truck Route	No

SAFETY DATA

TOTAL CRASHES*: 86

KSI CRASHES*: 7

TOP 3 CRASH TYPES*

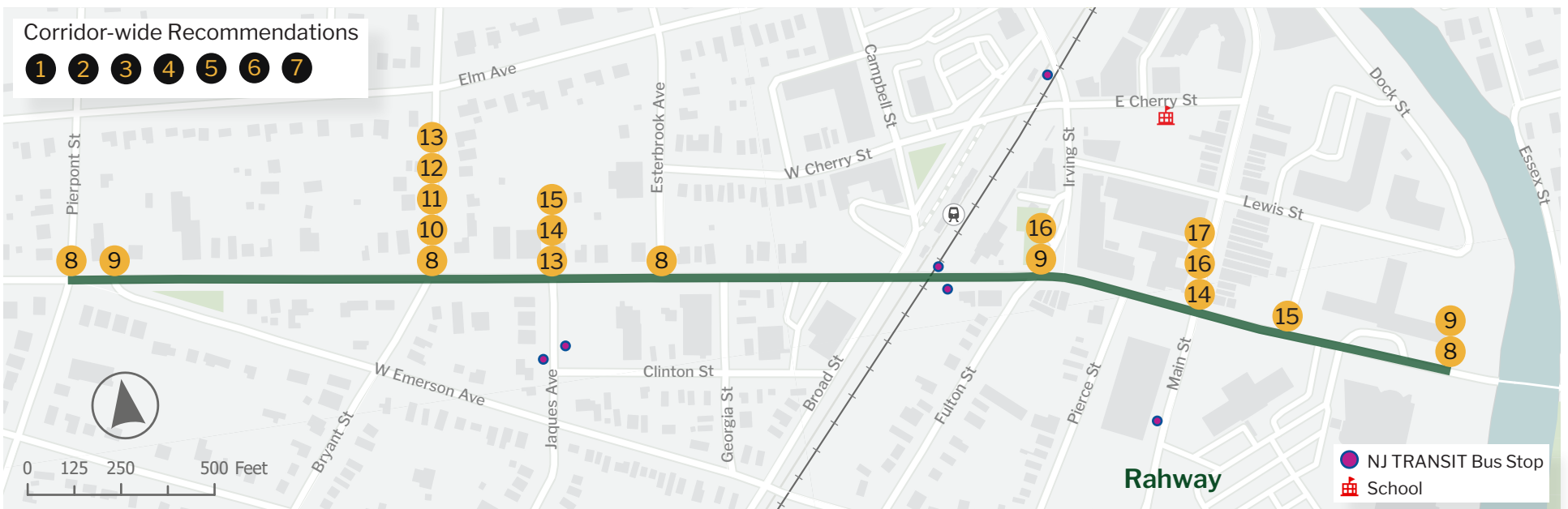
-  Right Angle (23%)
-  Same Direction - Sideswipe (19%)
-  Same Direction - Rear End (14%)

COMMUNITY FEEDBACK

-  Excessive Speeding
-  Motorists don't yield to pedestrians
-  Poor Lighting

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Lighting Improvements
- 3 Edge Lines
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Sidewalk Repairs
- 8 Rectangular Rapid Flashing Beacon
- 9 New High-Visibility Crosswalk
- 10 Warrant Analysis for Traffic Signal
- 11 Intersection Control Beacon
- 12 "Cross Traffic Does Not Stop" Sign
- 13 Street Tree Relocation
- 14 Corner Radii Reduction
- 15 Stop Sign Visibility Enhancements
- 16 Leading Pedestrian Interval
- 17 Lane Reassignment






Faitoute Avenue / Michigan Avenue (CR 617), between NJ 28 and US 22

Municipality(ies)	Kenilworth, Roselle Park
Mileposts	4.85 - 7.14
Functional Classification	Minor Arterial
AADT (vehicles/day)	9,141 (bidirectional)
Truck Route	No




SAFETY DATA

TOTAL CRASHES*: 357 KSI CRASHES*: 21

TOP 3 CRASH TYPES*

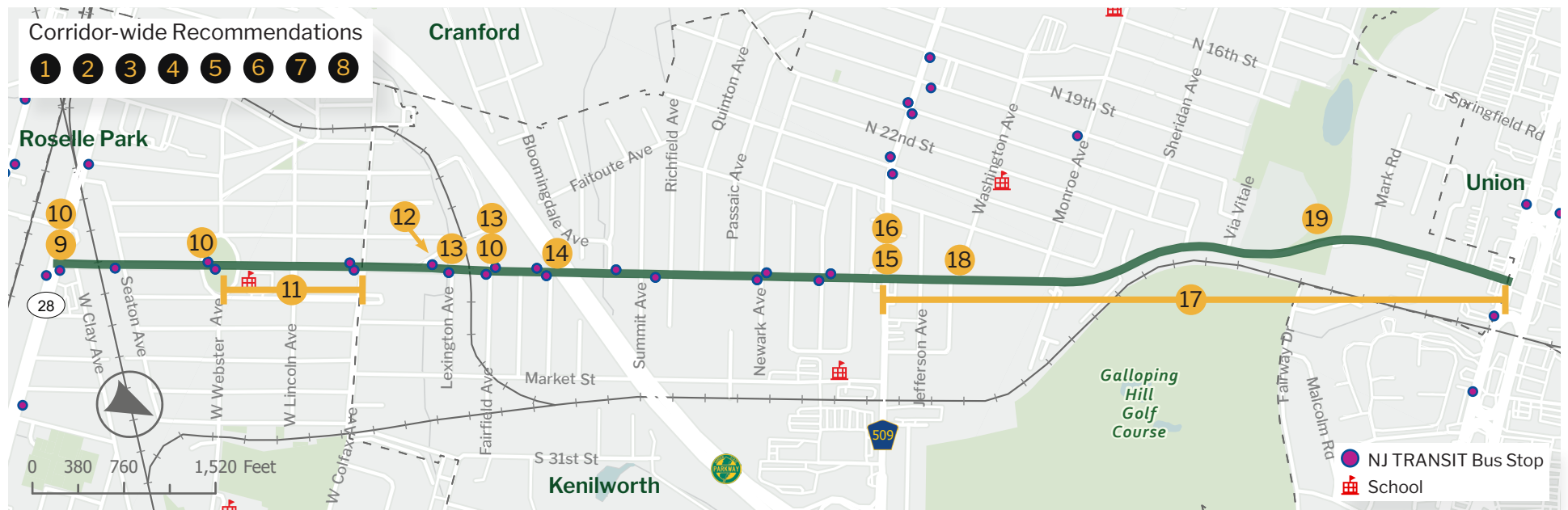
-  Same Direction - Rear End (43%)
-  Right Angle (20%)
-  Same Direction - Sideswipe (17%)

COMMUNITY FEEDBACK

-  Vehicles Double Park
-  Traffic Makes Me Feel Unsafe
-  Confusing or Unsafe Intersection

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Speed Feedback Sign
- 3 Edge Lines
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Sidewalk Installation and Repairs
- 8 Bus Stop Upgrades
- 9 Pedestrian Countdown Signals
- 10 New High-Visibility Crosswalk
- 11 School Zone Markings/Signage
- 12 Geometric Improvements
- 13 Rectangular Rapid Flashing Beacon
- 14 Lighting Improvements
- 15 Lane Reassignment
- 16 Signal Operations
- 17 Access Management
- 18 Stop Sign Visibility Enhancements
- 19 Pedestrian Hybrid Beacon






Salem Road / Liberty Avenue (CR 509), between NJ 82 and Bloy Street

Municipality(ies)	Hillside, Union
Mileposts	13.97 - 14.65
Functional Classification	Minor Arterial
AADT (vehicles/day)	8,643 - 12,548 (bidirectional)
Truck Route	Yes



SAFETY DATA

TOTAL CRASHES*: 432 KSI CRASHES*: 4

TOP 3 CRASH TYPES*

-  Same Direction - Sideswipe (29%)
-  Same Direction - Rear End (25%)
-  Right Angle (15%)

COMMUNITY FEEDBACK

-  Confusing or Unsafe Intersection
-  Traffic Makes Me Feel Unsafe

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Edge Lines
- 3 Intersection Daylighting
- 4 High-Visibility Crosswalk
- 5 Curb Ramp Upgrades
- 6 Sidewalk Repairs
- 7 Bus Stop Upgrades
- 8 Road Diet with Bike Lanes
- 9 Signal Ahead Signage
- 10 Slip Lane Removal
- 11 Curb Radii Reduction
- 12 Lighting Improvements
- 13 New High-Visibility Crosswalk
- 14 School Zone Markings/Signage
- 15 Left Turn Only Lane
- 16 Pedestrian Crossing Signage
- 17 Chevron Signage and Sequential Dynamic Curve Warning System
- 18 Advance Lane Control Signage






North Martine Avenue / Park Avenue (CR 655), between NJ 28 and US 22

Municipality(ies)	Fanwood, Scotch Plains
Mileposts	3.42 - 4.68
Functional Classification	Principal Arterial
AADT (vehicles/day)	10,682 (bidirectional)
Truck Route	No



SAFETY DATA

TOTAL CRASHES*: 305 KSI CRASHES*: 8

TOP 3 CRASH TYPES*

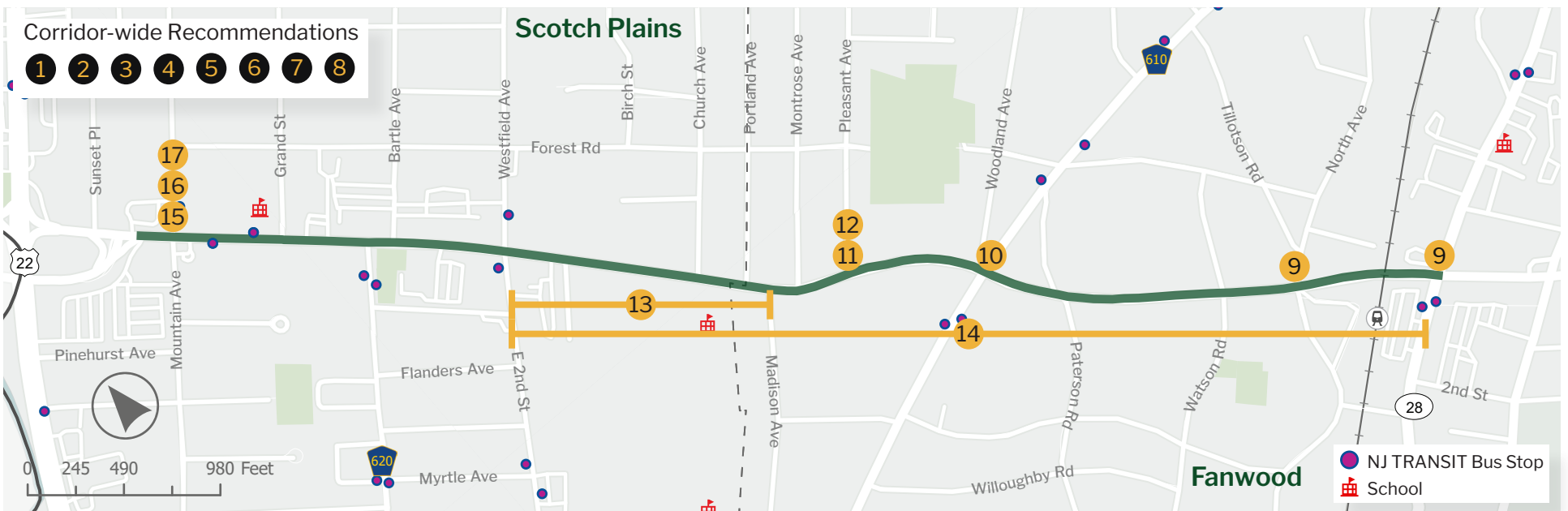
-  Same Direction - Rear End (33%)
-  Same Direction - Sideswipe (21%)
-  Right Angle (15%)

COMMUNITY FEEDBACK

-  Motorists Don't Yield to Pedestrians/Cyclists
-  Excessive Speeding

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Speed Feedback Sign
- 3 Edge Lines
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Sidewalk Repairs
- 8 Bus Stop Upgrades
- 9 Leading Pedestrian Interval
- 10 Slip Lane Removal
- 11 New High-Visibility Crosswalk
- 12 Rectangular Rapid Flashing Beacon
- 13 School Zone Markings/Signage
- 14 Speed Limit Reduction
- 15 No Turn On Red
- 16 Do Not Block Intersection Markings
- 17 Left Turn Only Lane






South Avenue (CR 610), between Lincoln Avenue and Garden State Parkway

Municipality(ies)	Cranford
Mileposts	5.00 - 6.29
Functional Classification	Minor Arterial
AADT (vehicles/day)	11,679 (bidirectional)
Truck Route	No




SAFETY DATA

TOTAL CRASHES*: 300 KSI CRASHES*: 6

TOP 3 CRASH TYPES*

-  Same Direction - Rear End (28%)
-  Same Direction - Sideswipe (21%)
-  Right Angle (16%)

COMMUNITY FEEDBACK

-  Excessive Speeding
-  Confusing or Unsafe Intersection
-  Hard to See Other Vehicles or Pedestrians Crossing

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Speed Feedback Sign
- 3 Lighting Improvements
- 4 Edge Lines
- 5 Intersection Daylighting
- 6 High-Visibility Crosswalk
- 7 Curb Ramp Upgrades
- 8 Sidewalk Installation and Repairs
- 9 Bus Stop Upgrades
- 10 Leading Pedestrian Interval
- 11 Lane Reassignment
- 12 Pedestrian Hybrid Beacon
- 13 Painted Curb Extensions
- 14 Rectangular Rapid Flashing Beacon
- 15 New High-Visibility Crosswalk
- 16 Signal Operations
- 17 Speed Limit Reduction
- 18 Geometric Improvements






Locust Street (CR 619), between 4th Avenue and West Roselle Avenue

Municipality(ies)	Roselle, Roselle Park
Mileposts	1.93 - 2.90
Functional Classification	Minor Arterial
AADT (vehicles/day)	14,177 (bidirectional)
Truck Route	No




SAFETY DATA

TOTAL CRASHES*: 357 KSI CRASHES*: 6

TOP 3 CRASH TYPES*

-  Right Angle (29%)
-  Same Direction - Rear End (25%)
-  Same Direction - Sideswipe (12%)

COMMUNITY FEEDBACK

-  Confusing or Unsafe Intersection
-  Excessive Speeding
-  Motorists Don't Yield to Pedestrians/Cyclists

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Speed Feedback Sign
- 3 Edge Lines
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Sidewalk Repairs
- 8 Stop Sign Visibility Enhancements
- 9 Signal Operations
- 10 No Turn On Red
- 11 Advance Lane Control Signage
- 12 Leading Pedestrian Interval
- 13 Low Clearance Signage
- 14 Guiderail
- 15 Lighting Improvements
- 16 School Zone Markings/Signage
- 17 Rectangular Rapid Flashing Beacon
- 18 New High-Visibility Crosswalk



Jersey Avenue / West Jersey Street (CR 612), between Bellevue Street and Cherry Street

Municipality(ies)	Elizabeth
Mileposts	2.18 - 3.06
Functional Classification	Minor Arterial
AADT (vehicles/day)	3,791 (bidirectional)
Truck Route	No

SAFETY DATA

TOTAL CRASHES*: 274 KSI CRASHES*: 7

TOP 3 CRASH TYPES*

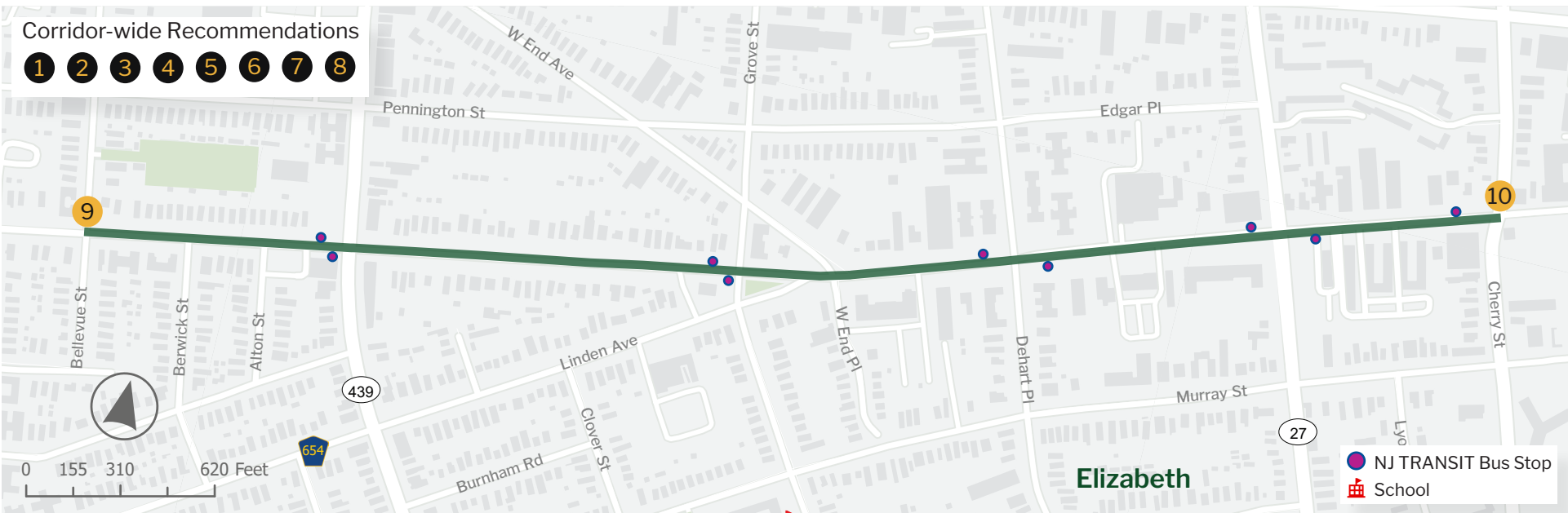
- Right Angle (31%)
- Struck Parked Vehicle (18%)
- Same Direction - Sideswipe (18%)

COMMUNITY FEEDBACK

- Excessive Speeding
- Confusing or Unsafe Intersection
- Motorists Don't Yield to Pedestrians/Cyclists

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Speed Feedback Sign
- 3 Edge Lines
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Sidewalk Repairs
- 8 Bus Stop Upgrades
- 9 "Cross Traffic Does Not Stop" Sign
- 10 Signal Operations



* Source: NJDOT Safety Voyager 2018-2022

Magie Avenue (CR 618), between Shelley Avenue / Conant Avenue and North Avenue / NJ 439

Municipality(ies)	Elizabeth, Union
Mileposts	1.19 - 1.90
Functional Classification	Minor Arterial
AADT (vehicles/day)	12,825 (bidirectional)
Truck Route	No




SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Edge Lines
- 3 Intersection Daylighting
- 4 High-Visibility Crosswalk
- 5 Curb Ramp Upgrades
- 6 Sidewalk Repairs
- 7 Bus Stop Upgrades
- 8 New High-Visibility Crosswalk
- 9 Lighting Improvements
- 10 Rectangular Rapid Flashing Beacon
- 11 Guiderail Replacement
- 12 Painted Curb Extensions



SAFETY DATA

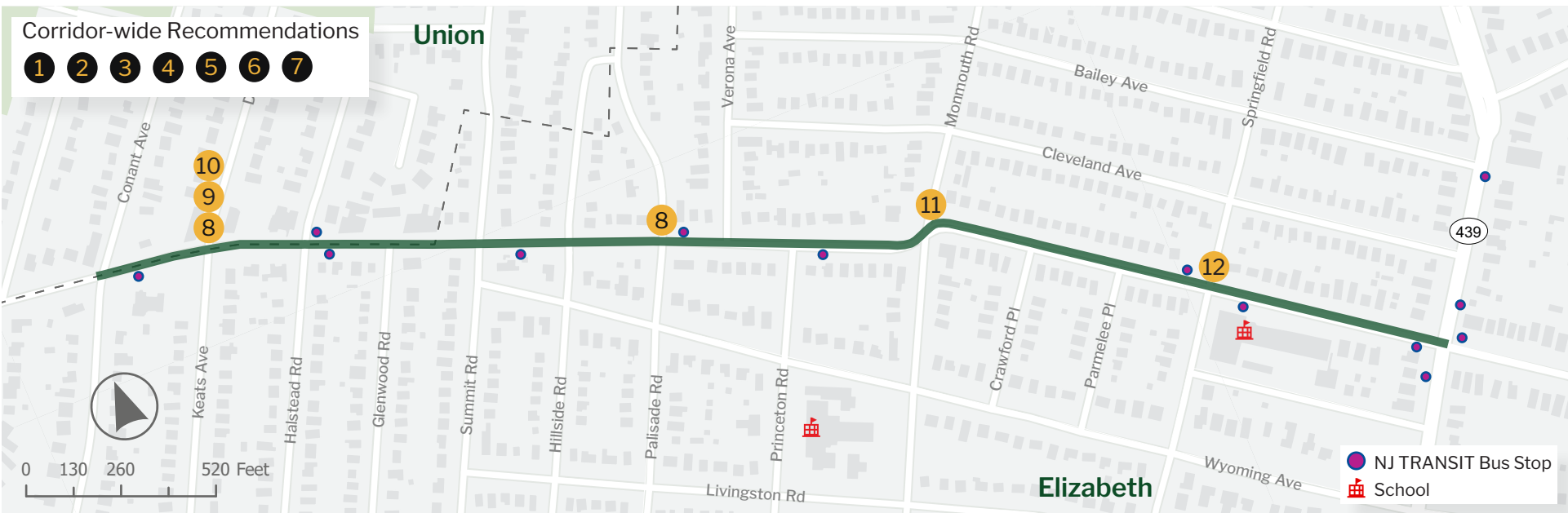
TOTAL CRASHES*: 103 KSI CRASHES*: 5

TOP 3 CRASH TYPES*

-  Right Angle (36%)
-  Same Direction - Rear End (18%)
-  Struck Parked Vehicle (17%)

COMMUNITY FEEDBACK

-  Confusing or Unsafe Intersection
-  Excessive Speeding






Pearl Street (CR 614), between US 1&9 and Washington Avenue

Municipality(ies)	Elizabeth
Mileposts	0.17 - 0.92
Functional Classification	Major Collector
AADT (vehicles/day)	11,687 - 11,793 (bidirectional)
Truck Route	No



SAFETY DATA

TOTAL CRASHES*: 206 KSI CRASHES*: 5

TOP 3 CRASH TYPES*

-  Same Direction - Sideswipe (26%)
-  Same Direction - Rear End (22%)
-  Right Angle (22%)

COMMUNITY FEEDBACK

-  Motorists Run Red Lights/Stop Signs
-  Other People Make Me Feel Unsafe

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Edge Lines
- 3 Intersection Daylighting
- 4 High-Visibility Crosswalk
- 5 Curb Ramp Upgrades
- 6 Sidewalk Repairs
- 7 School Zone Markings/Signage
- 8 Signal Operations
- 9 Leading Pedestrian Interval
- 10 Left Turn Only Lane
- 11 Intersection Line Extension
- 12 Centerline Extension
- 13 Lighting Improvements
- 14 Lane Reassignment
- 15 Advance Lane Control Signage
- 16 Lane Narrowing






Park Avenue (CR 531), between County Border and 5th Street / NJ 28

Municipality(ies)	Plainfield
Mileposts	6.94 - 8.41
Functional Classification	Minor Arterial
AADT (vehicles/day)	10,301 (bidirectional)
Truck Route	Yes

SAFETY DATA

TOTAL CRASHES*: 155 KSI CRASHES*: 7

TOP 3 CRASH TYPES*

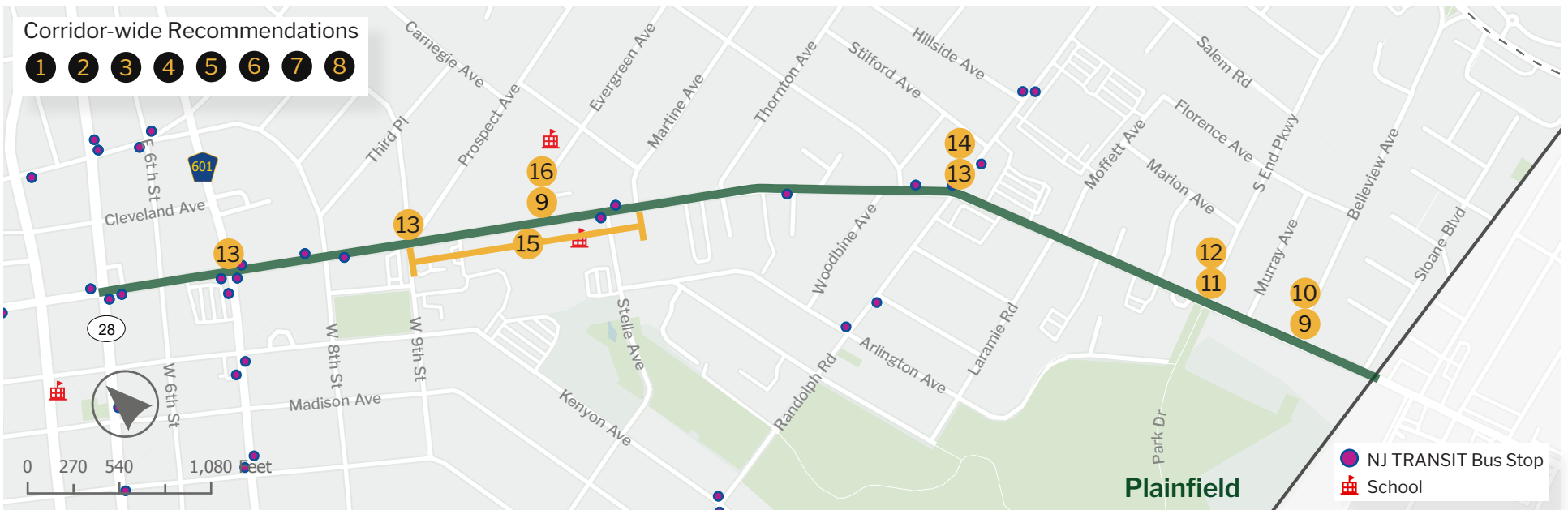
-  Right Angle (20%)
-  Same Direction - Rear End (20%)
-  Struck Parked Vehicle (16%)

COMMUNITY FEEDBACK

-  Motorists Run Red Lights/ Stop Signs
-  Pedestrians Jaywalk
-  Excessive Speeding
-  Vehicles Double Park

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Edge Lines
- 3 Lighting Improvements
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Sidewalk Repairs
- 8 Bus Stop Upgrades
- 9 New High-Visibility Crosswalk
- 10 Rectangular Rapid Flashing Beacon
- 11 Protected Left Turn Phase or Left Turn Yield on Green Sign
- 12 Signal Operations
- 13 Leading Pedestrian Interval
- 14 Lane Reassignment
- 15 School Zone Markings/Signage
- 16 Pedestrian Hybrid Beacon






North Wood Avenue (CR 617), between Uncas Avenue and US 1&9

Municipality(ies)	Linden, Roselle
Mileposts	1.43 - 2.87
Functional Classification	Minor Arterial
AADT (vehicles/day)	7,285 (bidirectional)
Truck Route	No




SAFETY DATA

TOTAL CRASHES*: 696 KSI CRASHES*: 6

TOP 3 CRASH TYPES*

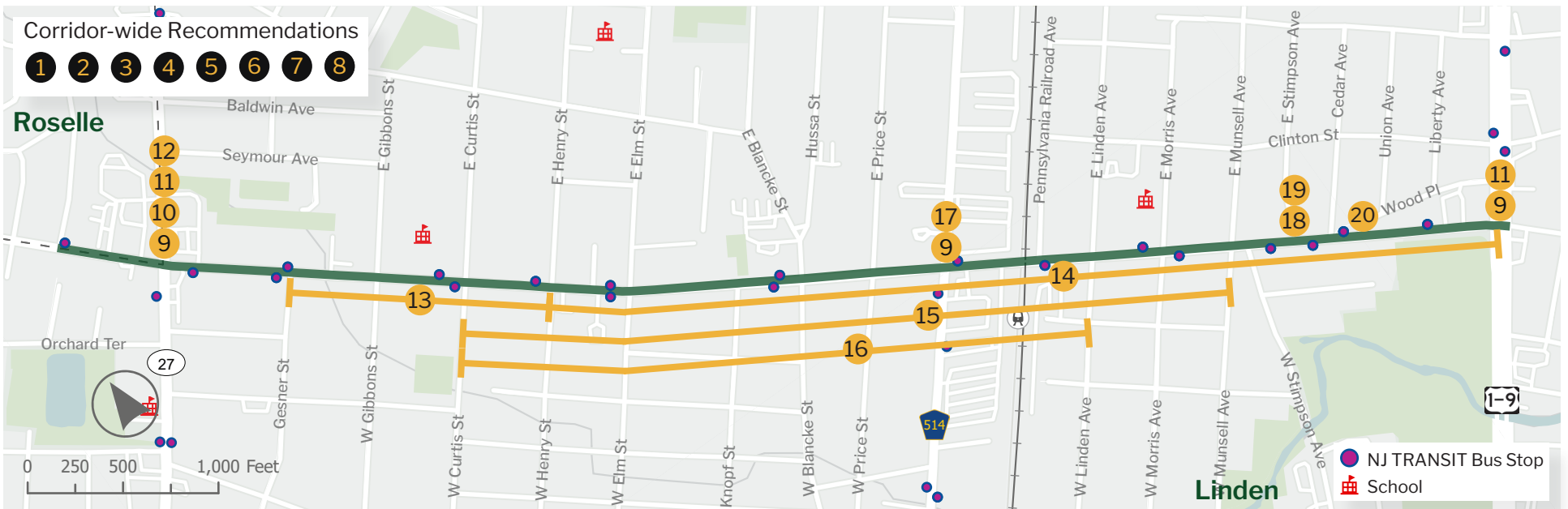
-  Same Direction - Rear End (33%)
-  Same Direction - Sideswipe (19%)
-  Right Angle (14%)

COMMUNITY FEEDBACK

-  Excessive Speeding
-  Motorists Don't Yield to Pedestrians/Cyclists
-  Confusing or Unsafe Intersection

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Speed Feedback Sign
- 3 Edge Lines
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Sidewalk Repairs
- 8 Bus Stop Upgrades
- 9 Leading Pedestrian Interval
- 10 Curb Radii Reduction
- 11 Signal Operations
- 12 Lighting Improvements
- 13 School Zone Markings/Signage
- 14 Bike Lanes
- 15 Parking Enforcement
- 16 Left Turn Only Lane
- 17 No Turn On Red Signage Placement
- 18 New High-Visibility Crosswalk
- 19 Rectangular Rapid Flashing Beacon
- 20 Geometric Improvements






Raritan Road (CR 607), between Central Avenue and Summit Terrace

Municipality(ies)	Cranford, Clark, Linden
Mileposts	2.64 - 4.40
Functional Classification	Minor Arterial
AADT (vehicles/day)	18,525 (bidirectional)
Truck Route	No




SAFETY DATA

TOTAL CRASHES*: 436 KSI CRASHES*: 9

TOP 3 CRASH TYPES*

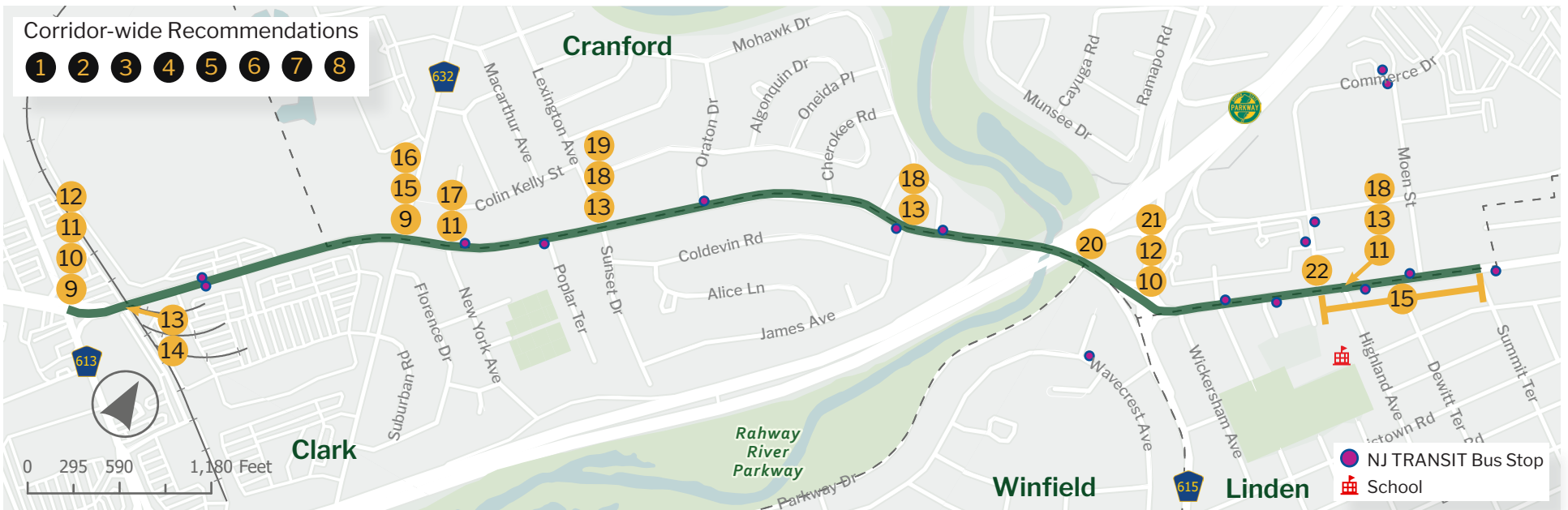
-  Same Direction - Rear End (34%)
-  Same Direction - Sideswipe (31%)
-  Right Angle (14%)

COMMUNITY FEEDBACK

-  Excessive Speeding
-  Confusing or Unsafe Intersection
-  Missing/Poorly Maintained Crosswalks

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Lighting Improvements
- 3 Edge Lines
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Sidewalk Installation and Repairs
- 8 Bus Stop Upgrades
- 9 Curb Radii Reduction
- 10 Hanging Lane Control Signage
- 11 Pedestrian Refuge Island
- 12 Signal Operations
- 13 New High-Visibility Crosswalk
- 14 Pedestrian Countdown Signals
- 15 Lane Reassignment
- 16 Leading Pedestrian Interval
- 17 Pedestrian Hybrid Beacon
- 18 Rectangular Rapid Flashing Beacon
- 19 "Cross Traffic Does Not Stop" Sign
- 20 Advance Lane Control Signage
- 21 Intersection Line Extension
- 22 Left Turn Only Lane






7th Street (CR 601), between Arlington Avenue and Berckman Street

Municipality(ies)	Plainfield
Mileposts	1.48 - 2.36
Functional Classification	Minor Arterial
AADT (vehicles/day)	5,774 (bidirectional)
Truck Route	No



SAFETY DATA

TOTAL CRASHES*: 199 KSI CRASHES*: 5

TOP 3 CRASH TYPES*

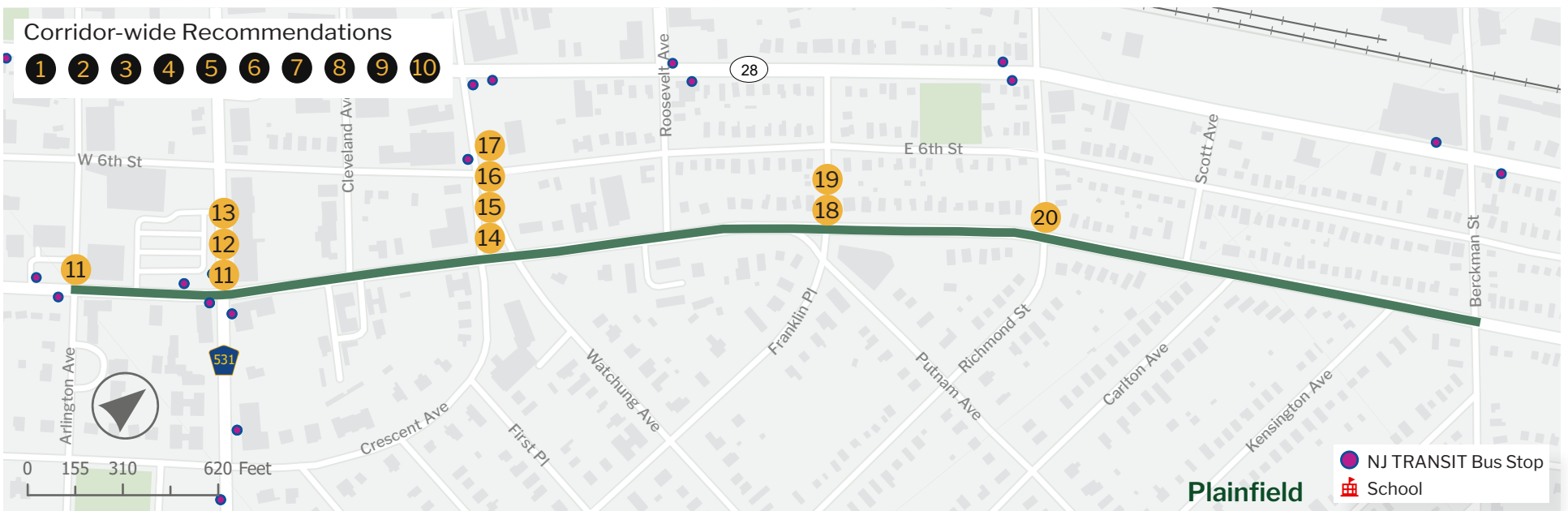
-  Right Angle (33%)
-  Same Direction - Rear End (21%)
-  Struck Parked Vehicle (10%)

COMMUNITY FEEDBACK

-  Other People Make Me Feel Unsafe
-  Traffic Makes Me Feel Unsafe

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Lighting Improvements
- 3 Speed Feedback Sign
- 4 Edge Lines
- 5 Speed Limit Reduction
- 6 Intersection Daylighting
- 7 High-Visibility Crosswalk
- 8 Curb Ramp Upgrades
- 9 Sidewalk Repairs
- 10 Bus Stop Upgrades
- 11 Signal Operations
- 12 Painted Curb Extensions
- 13 Leading Pedestrian Interval
- 14 Left Turn Only Lane
- 15 Intersection Line Extension
- 16 New High-Visibility Crosswalk
- 17 Lane Narrowing
- 18 Slip Lane Removal
- 19 "Cross Traffic Does not Stop" Sign
- 20 Rectangular Rapid Flashing Beacon






Central Avenue / Brant Avenue / Westfield Avenue / West Grand Avenue (CR 613) between West of Terminal Avenue and Lawrence Street

Municipality(ies)	Clark, Rahway
Mileposts	3.77 - 6.66
Functional Classification	Principal Arterial / Minor Arterial
AADT (vehicles/day)	10,624 - 15,592 (bidirectional)
Truck Route	No



SAFETY DATA

TOTAL CRASHES*: 1,240 KSI CRASHES*: 14

TOP 3 CRASH TYPES*

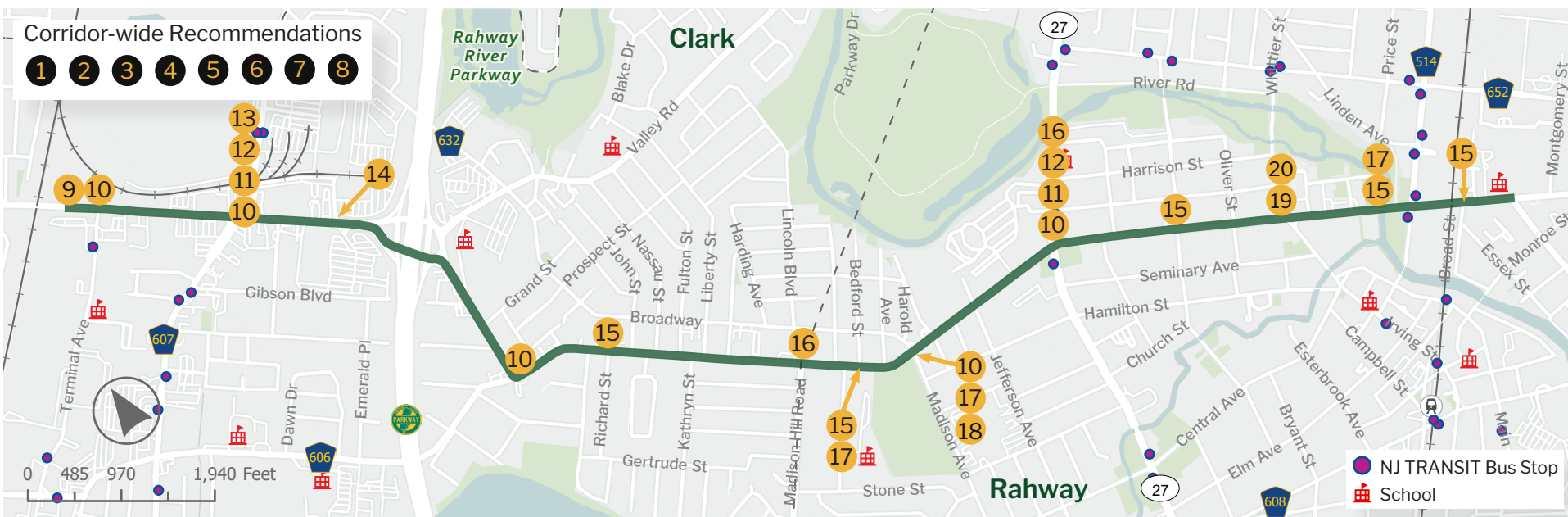
-  Same Direction - Rear End (34%)
-  Same Direction - Sideswipe (28%)
-  Right Angle (17%)

COMMUNITY FEEDBACK

-  Excessive Speeding
-  Confusing or Unsafe Intersection

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Speed Feedback Sign
- 3 Traffic Signal Preemption
- 4 Edge Lines
- 5 Intersection Daylighting
- 6 High-Visibility Crosswalk
- 7 Curb Ramp Upgrades
- 8 Sidewalk Installation and Repairs
- 9 Flashing "Signal Ahead" Sign
- 10 Signal Operations
- 11 Curb Radii Reduction
- 12 Hanging Lane Control Signage
- 13 Pedestrian Refuge Islands
- 14 Curbed Median
- 15 Rectangular Rapid Flashing Beacon
- 16 Intersection Line Extension
- 17 New High-Visibility Crosswalk
- 18 Slip Lane Removal
- 19 Leading Pedestrian Interval
- 20 Lane Reassignment






1st Avenue / West Grand Street (CR 610), between Locust Street / CR 619 and NJ 27

Municipality(ies)	Roselle, Elizabeth
Mileposts	7.40 - 9.70
Functional Classification	Minor Arterial
AADT (vehicles/day)	11,855 (bidirectional)
Truck Route	No




SAFETY DATA

TOTAL CRASHES*: 545 KSI CRASHES*: 10

TOP 3 CRASH TYPES*

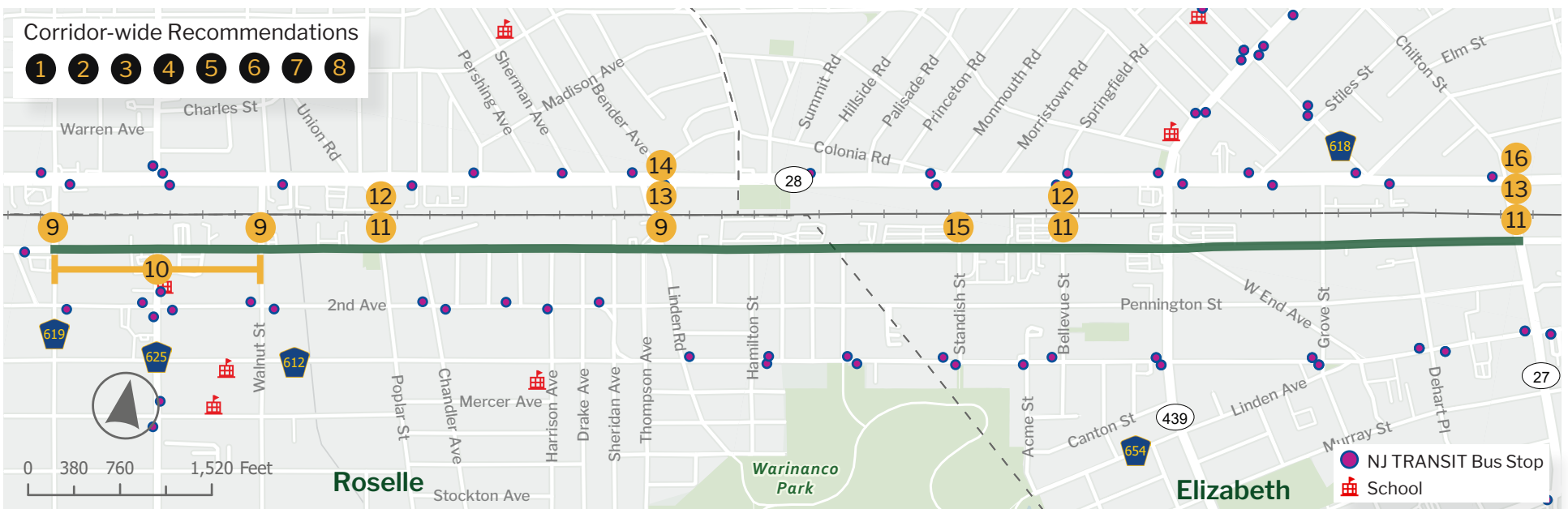
-  Right Angle (27%)
-  Same Direction - Rear End (20%)
-  Same Direction - Sideswipe (19%)

COMMUNITY FEEDBACK

-  Motorists Don't Yield to Pedestrians/Cyclists
-  Excessive Speeding
-  Confusing or Unsafe Intersection

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Lighting Improvements
- 3 Speed Feedback Sign
- 4 Edge Lines
- 5 Intersection Daylighting
- 6 High-Visibility Crosswalk
- 7 Curb Ramp Upgrades
- 8 Sidewalk Repairs
- 9 Left Turn Only Lane
- 10 Road Diet
- 11 New High-Visibility Crosswalks
- 12 Rectangular Rapid Flashing Beacon
- 13 Leading Pedestrian Interval
- 14 Curb Radii Reduction
- 15 Painted Curb Extensions
- 16 Signal Operations






East Front Street / Front Street (CR 620), between Leland Avenue and Hunter Avenue

Municipality(ies)	Plainfield, Scotch Plains
Mileposts	1.89 - 2.78
Functional Classification	Minor Arterial
AADT (vehicles/day)	9,912 (bidirectional)
Truck Route	No


SAFETY DATA

TOTAL CRASHES*: 104 KSI CRASHES*: 5

TOP 3 CRASH TYPES*

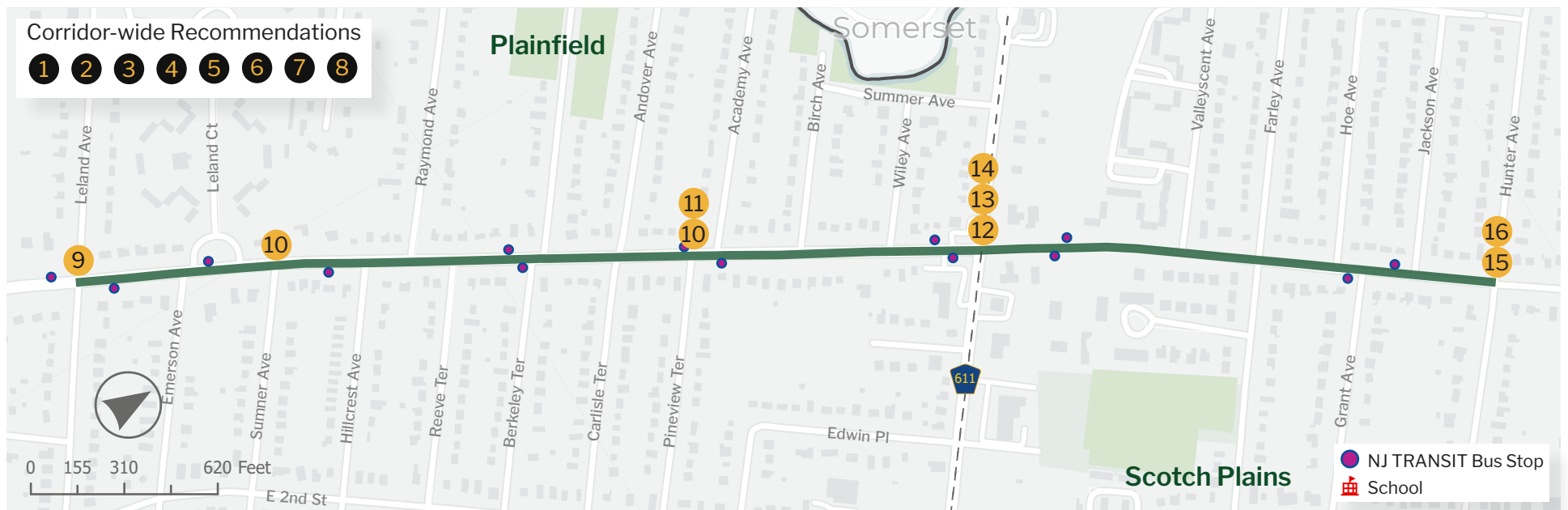
-  Right Angle (28%)
-  Struck Parked Vehicle (18%)
-  Same Direction - Sideswipe (14%)

COMMUNITY FEEDBACK

-  Excessive Speeding

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Speed Feedback Sign
- 3 Edge Lines
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Sidewalk Repairs
- 8 Bus Stop Upgrades
- 9 Signal Operations
- 10 Rectangular Rapid Flashing Beacon
- 11 New High-Visibility Crosswalks
- 12 Left Turn Only Lane
- 13 Leading Pedestrian Interval
- 14 Lighting Improvements
- 15 Intersection Control Beacon
- 16 "Cross Traffic Does Not Stop" Sign



Lake Avenue (CR 655), between Oak Ridge Road and Country Club Boulevard

Municipality(ies)	Clark, Scotch Plains
Mileposts	0.00 - 0.67
Functional Classification	Minor Arterial
AADT (vehicles/day)	8,283 (bidirectional)
Truck Route	No

SAFETY DATA

TOTAL CRASHES*: 137 **KSI CRASHES*: 5**

TOP 3 CRASH TYPES*



Same Direction - Rear End (50%)



Right Angle (12%)



Same Direction - Sideswipe (12%)

COMMUNITY FEEDBACK



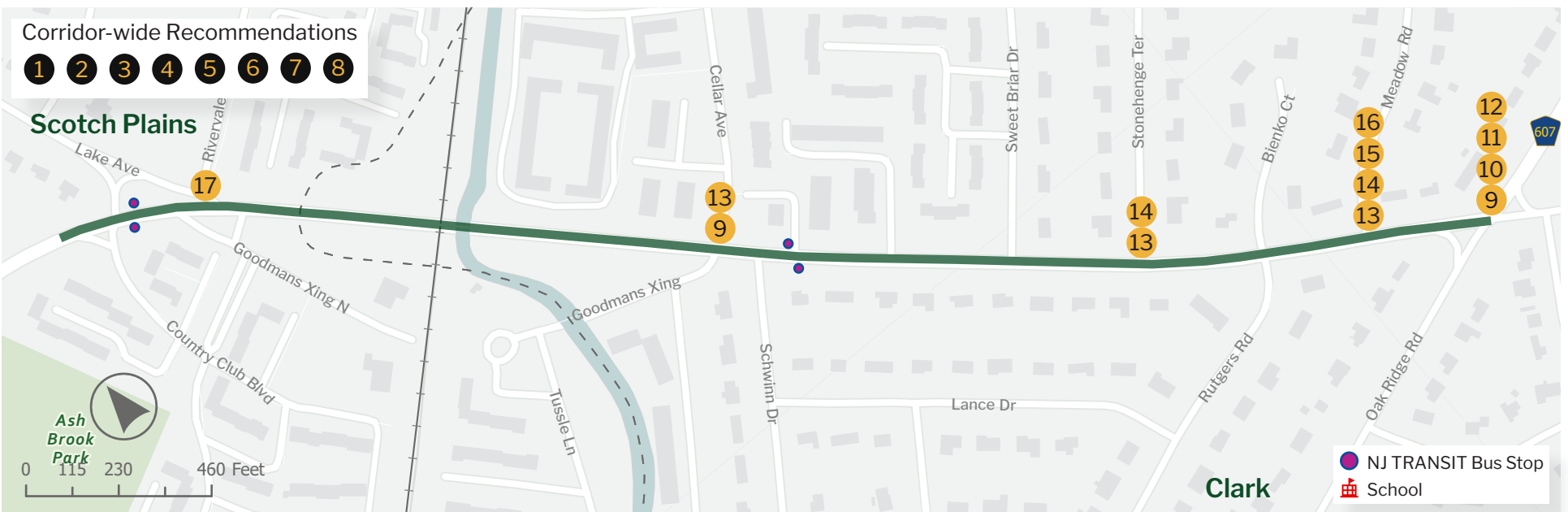
Excessive Speeding



Confusing or Unsafe Intersection

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Speed Feedback Sign
- 3 Edge Lines
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Sidewalk Installation and Repairs
- 8 Bus Stop Upgrades
- 9 Signal Operations
- 10 Geometric Improvements
- 11 Hanging Lane Control Signage
- 12 Leading Pedestrian Interval
- 13 New High-Visibility Crosswalk
- 14 Rectangular Rapid Flashing Beacon
- 15 Pedestrian Refuge Island
- 16 Advance Warning Signage
- 17 Roundabout/ Peanut Roundabout






North Avenue, between NJ 27 and US 1&9

Municipality(ies)	Elizabeth
Mileposts	0.00 - 0.67
Functional Classification	Minor Arterial
AADT (vehicles/day)	9,842 - 17,895 (bidirectional)
Truck Route	Yes




SAFETY DATA

TOTAL CRASHES*: 727 KSI CRASHES*: 18

TOP 3 CRASH TYPES*

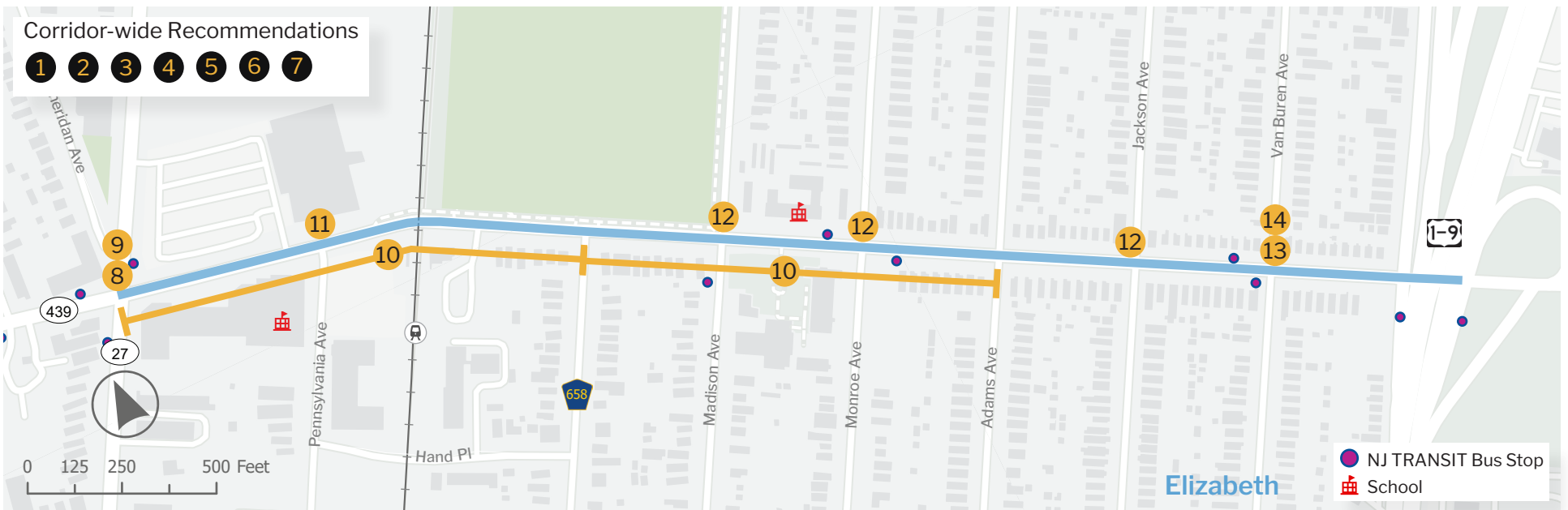
-  Same Direction - Rear End (32%)
-  Same Direction - Sideswipe (23%)
-  Right Angle (15%)

COMMUNITY FEEDBACK

-  Excessive Speeding
-  Traffic Makes Me Feel Unsafe
-  Motorists Don't Yield to Pedestrians/Cyclists

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Lighting Improvements
- 3 Speed Feedback Sign
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 Bus Stop Upgrades
- 8 Left Turn Only Lane
- 9 Lane Reassignment
- 10 School Zone Markings/ Signage
- 11 Low Clearance Sign
- 12 Leading Pedestrian Interval
- 13 New High-Visibility Crosswalk
- 14 Pedestrian Crossing Signs



East Grand Street, between Catherine Street and Reid Street

Municipality(ies)	Elizabeth
Mileposts	0.43 - 0.63
Functional Classification	Minor Collector
AADT (vehicles/day)	7,132 (bidirectional)
Truck Route	No

SAFETY DATA

TOTAL CRASHES*: 727 KSI CRASHES*: 8

TOP 3 CRASH TYPES*

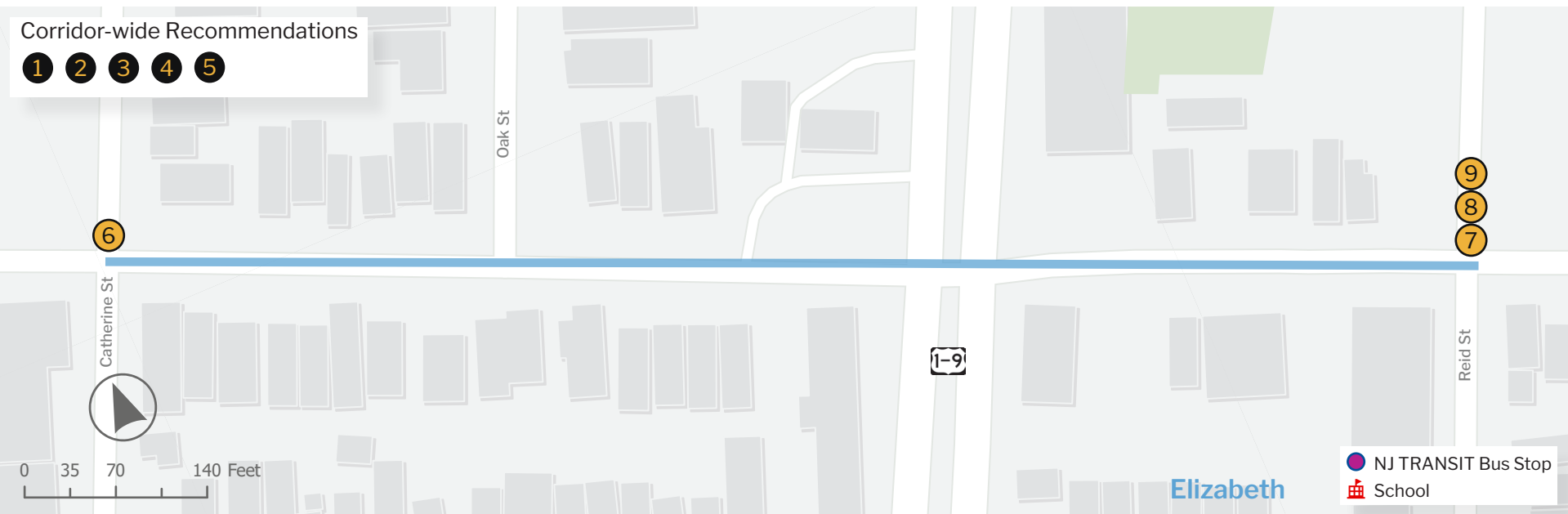
- Right Angle (41%)
- Same Direction - Rear End (24%)
- Same Direction - Sideswipe (15%)

COMMUNITY FEEDBACK

- Excessive Speeding
- Motorists Run Red Lights/Stop Signs
- Motorists Don't Yield to Pedestrians/Cyclists

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Lighting Improvements
- 3 Intersection Daylighting
- 4 High-Visibility Crosswalk
- 5 Curb Ramp Upgrades
- 6 Signal Improvements**
- 7 Right-In/Right-Out (RIRO)**
- 8 "Right Turn Only" Sign**
- 9 Rectangular Rapid Flashing Beacon**



Fairmount Avenue, between NJ 27 and US 1&9

Municipality(ies)	Elizabeth
Mileposts	0.08 - 0.73
Functional Classification	Major Collector
AADT (vehicles/day)	8,377 (bidirectional)
Truck Route	No

SAFETY DATA

TOTAL CRASHES*: 279 **KSI CRASHES*: 12**

TOP 3 CRASH TYPES*

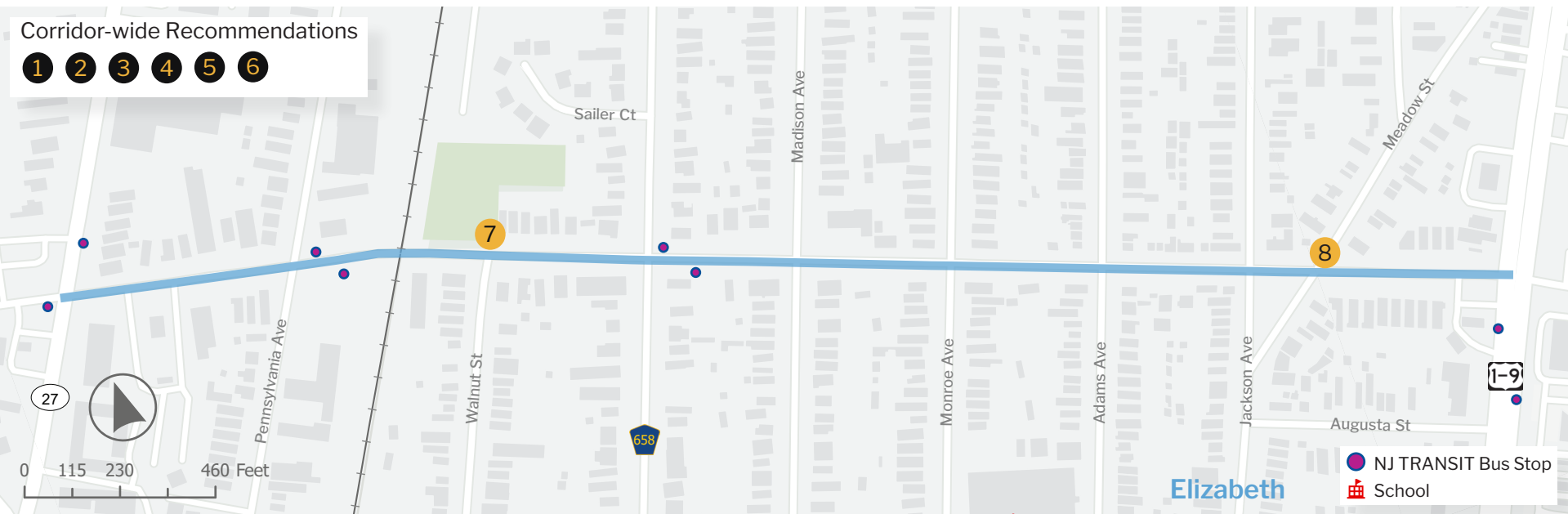
- Right Angle (36%)
- Same Direction - Rear End (19%)
- Same Direction - Sideswipe (17%)

COMMUNITY FEEDBACK

- Confusing or Unsafe Intersection

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Lighting Improvements
- 3 Intersection Daylighting
- 4 High-Visibility Crosswalk
- 5 Curb Ramp Upgrades
- 6 Bus Stop Upgrades
- 7 Do Not Block Intersection Markings
- 8 "All Way" Plaque



* Source: NJDOT Safety Voyager 2018-2022




Irvington Avenue/Prince Street/Magnolia Avenue, between Morris Avenue and Trinity Place

Municipality(ies)	Elizabeth
Mileposts	0.00 - 0.37
Functional Classification	Minor Collector
AADT (vehicles/day)	10,988 (bidirectional)
Truck Route	No



SAFETY DATA

TOTAL CRASHES*: 300 KSI CRASHES*: 7

TOP 3 CRASH TYPES*

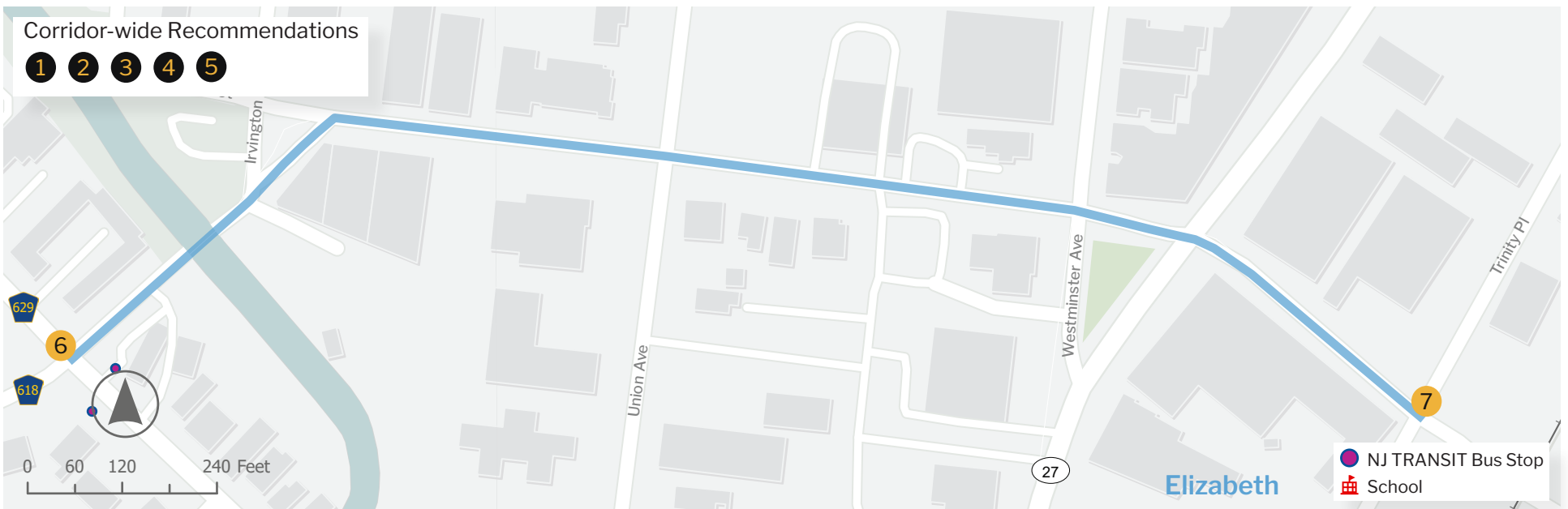
-  Right Angle (33%)
-  Same Direction - Rear End (17%)
-  Same Direction - Sideswipe (15%)

COMMUNITY FEEDBACK

-  Excessive Speeding
-  Conflict With Bike/
Scooter Riders

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Lighting Improvements
- 3 Intersection Daylighting
- 4 High-Visibility Crosswalk
- 5 Curb Ramp Upgrades
- 6 Leading Pedestrian Interval
- 7 Determine Feasibility For All-Way Stop Control



Elizabeth Avenue, between South Front Street and Bridge Street/Martin Luther King Jr. Plaza

Municipality(ies)	Elizabeth
Mileposts	0.00 - 1.68
Functional Classification	Minor Collector
AADT (vehicles/day)	4,425 (bidirectional)
Truck Route	No

SAFETY DATA

TOTAL CRASHES*: 556 KSI CRASHES*: 14

TOP 3 CRASH TYPES*

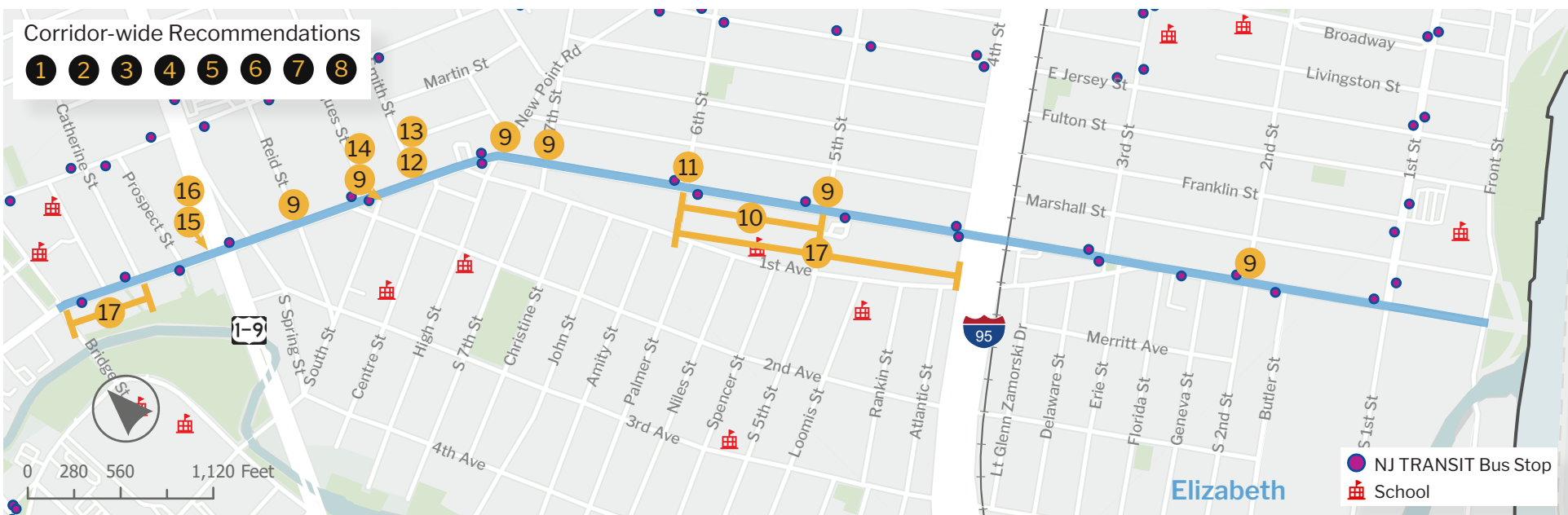
- Same Direction - Sideswipe (23%)
- Same Direction - Rear End (20%)
- Struck Parked Vehicle (17%)

COMMUNITY FEEDBACK

- Vehicles Double Park
- Poor Lighting
- Other People Make Me Feel Unsafe

SAFETY RECOMMENDATIONS

- Traffic Signal Upgrades
- Signal Operations
- Speed Feedback Sign
- Lighting Improvements
- Intersection Daylighting
- High-Visibility Crosswalk
- Curb Ramp Upgrades
- Bus Stop Upgrades
- Leading Pedestrian Interval
- School Zone Markings/ Signage
- Street Light Relocation
- Rectangular Rapid Flashing Beacon
- Paver surface replacement with high-visibility crosswalk striping
- Delineation of bus loading areas and parking-prohibited areas
- Stop Sign Visibility Enhancements
- Transverse Rumble Strips
- Replace existing cobra lighting with poles and fixtures



Catherine Street, between Lafayette Street and Anna Street

Municipality(ies)	Elizabeth
Mileposts	0.13 - 0.44
Functional Classification	Local
AADT (vehicles/day)	~2,000 (bidirectional)
Truck Route	No




SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Intersection Daylighting
- 3 High-Visibility Crosswalk
- 4 Curb Ramp Upgrades
- 5 All-way stop or double stop signs on stop controlled approaches
- 6 Pedestrian Crossing Sign

SAFETY DATA

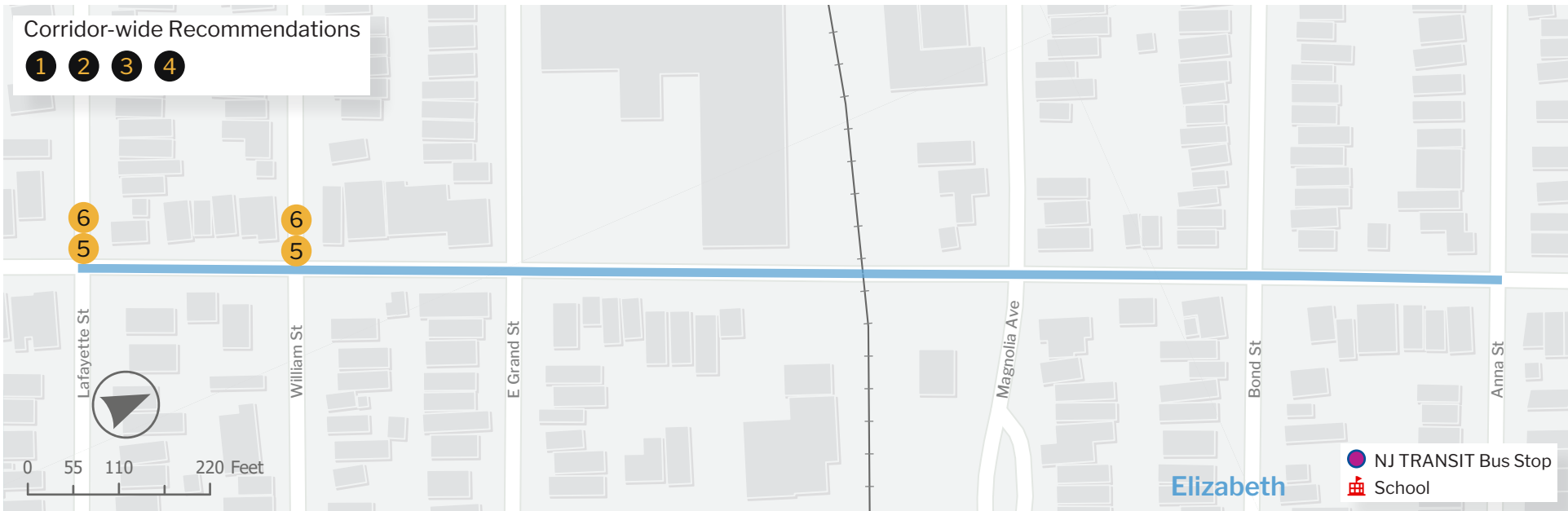
TOTAL CRASHES*: 103 KSI CRASHES*: 5

TOP 3 CRASH TYPES*

-  Right Angle (37%)
-  Struck Parked Vehicle (27%)
-  Same Direction - Rear End (9%)

COMMUNITY FEEDBACK

-  Excessive Speeding
-  Motorists Don't Yield to Pedestrians/Cyclists



Madison Avenue, between Chestnut Street and Mary Street

Municipality(ies)	Elizabeth
Mileposts	0.61 - 0.90
Functional Classification	Major Collector
AADT (vehicles/day)	3,732 (bidirectional)
Truck Route	No




SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Intersection Daylighting
- 3 High-Visibility Crosswalk
- 4 Curb Ramp Upgrades
- 5 Stop Sign Visibility Enhancements
- 6 Signal Improvements**
- 7 Oversized Stop Signs
- 8 "All Way" Plaque


SAFETY DATA

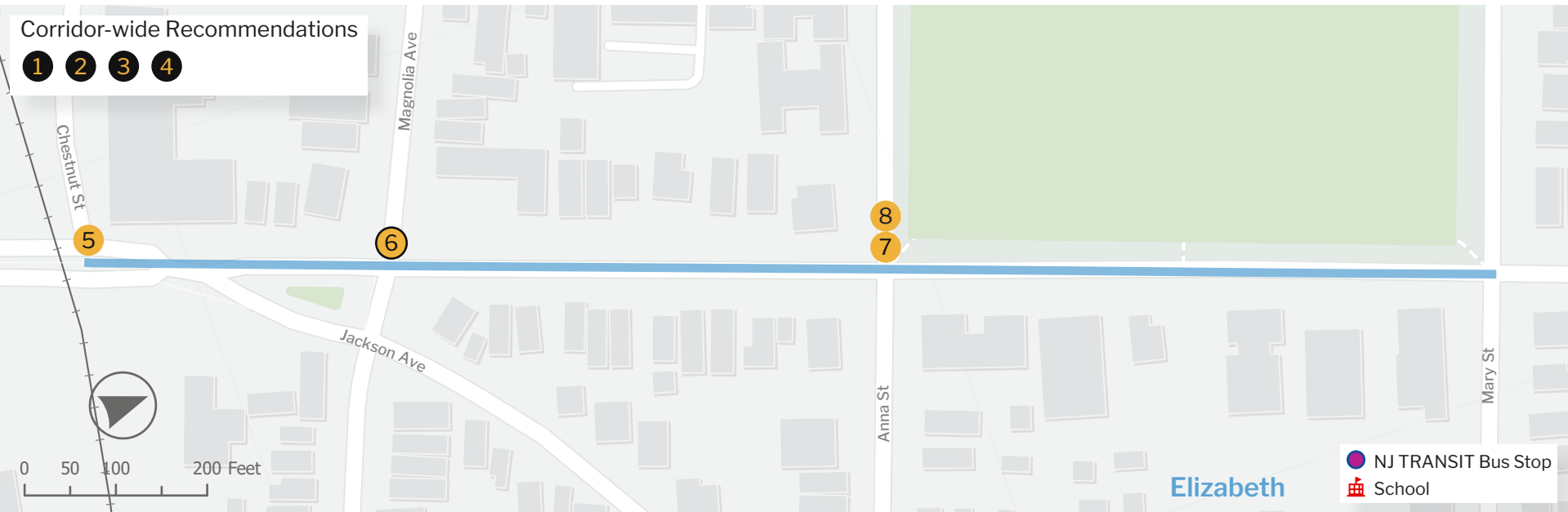
TOTAL CRASHES*: 103 KSI CRASHES*: 3

TOP 3 CRASH TYPES*

-  Right Angle (38%)
-  Struck Parked Vehicle (13%)
-  Same Direction - Rear End (11%)

COMMUNITY FEEDBACK

-  Missing/Poorly Maintained Crosswalks






South 5th Street/Summer Street, between NJ 439 and Fulton Street

Municipality(ies)	Elizabeth
Mileposts	0.00 - 1.39
Functional Classification	Major Collector
AADT (vehicles/day)	4,905 (bidirectional)
Truck Route	No




SAFETY DATA

TOTAL CRASHES*: 362 KSI CRASHES*: 8

TOP 3 CRASH TYPES*

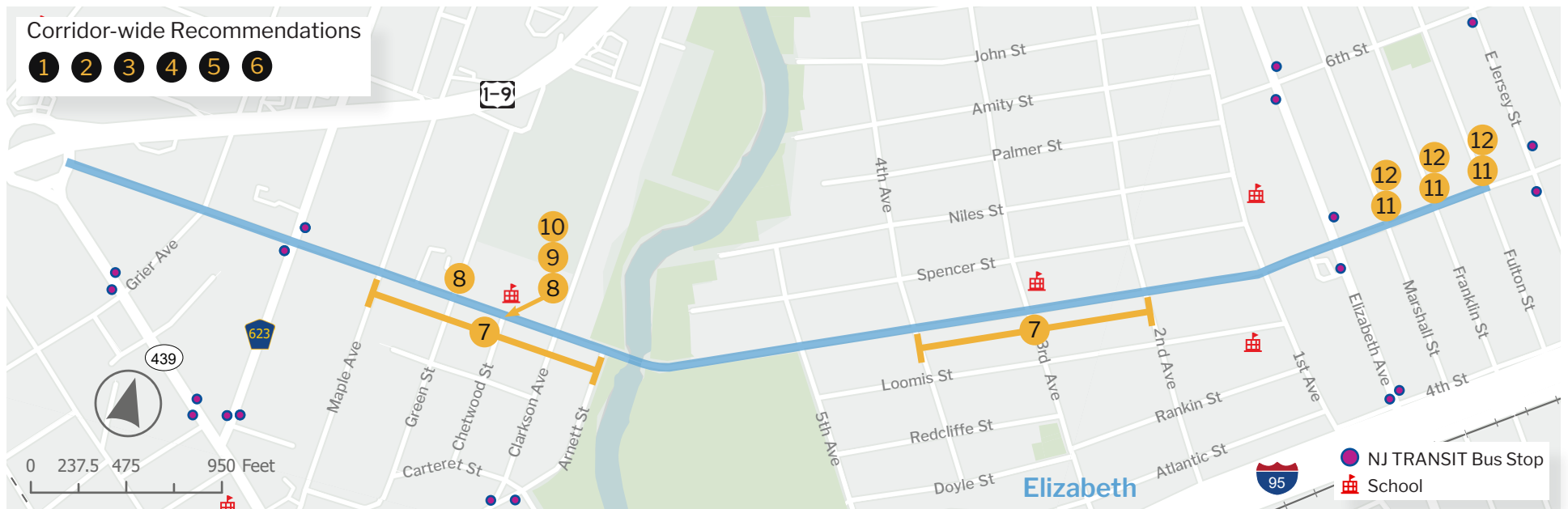
-  Right Angle (33%)
-  Same Direction - Rear End (18%)
-  Struck Parked Vehicle (18%)

COMMUNITY FEEDBACK

-  Confusing or Unsafe Intersection
-  Traffic Makes Me Feel Unsafe
-  Excessive Speeding

SAFETY RECOMMENDATIONS

- 1 Traffic Signal Upgrades
- 2 Signal Operations
- 3 Speed Feedback Sign
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 School Zone Markings/ Signage
- 8 School Crossing Sign
- 9 Trim Vegetation
- 10 New High-Visibility Crosswalk
- 11 Double Stop Signs on Stop Controlled Approaches
- 12 Pedestrian Crossings Signs






Division Street, between Magnolia Avenue and Fairmount Avenue

Municipality(ies)	Elizabeth
Mileposts	0.34 - 0.81
Functional Classification	Major Collector
AADT (vehicles/day)	11,895 (bidirectional)
Truck Route	No




SAFETY DATA

TOTAL CRASHES*: 208 KSI CRASHES*: 4

TOP 3 CRASH TYPES*

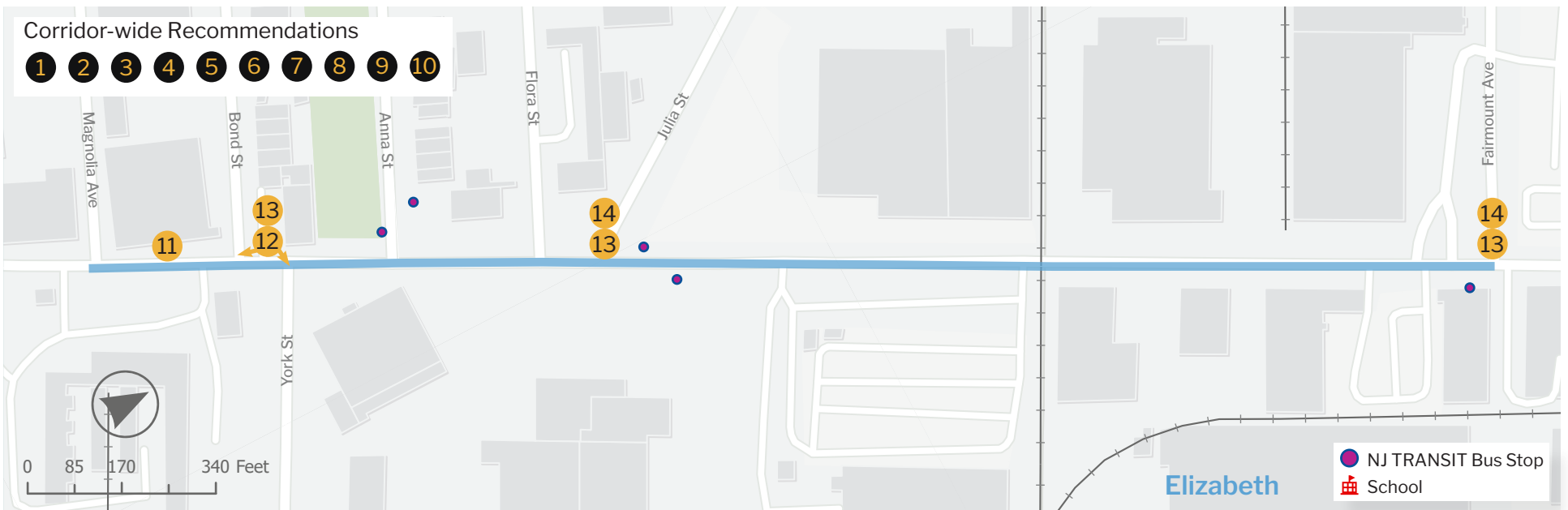
-  Right Angle (19%)
-  Same Direction - Rear End (17%)
-  Same Direction - Sideswipe (15%)

COMMUNITY FEEDBACK

-  Need a Cohesive Bike Network
-  Need Bike Lanes
-  Poor Lighting

SAFETY RECOMMENDATIONS

- 1 Lighting Improvements
- 2 Speed Limit Sign at Regular Intervals
- 3 Speed Feedback Sign
- 4 Edge Lines
- 5 Lane Striping, Stop Bars, Crosswalks, and Stop Signs at Driveways
- 6 Intersection Daylighting
- 7 High-Visibility Crosswalk
- 8 Curb Ramp Upgrades
- 9 Bus Stop Upgrades
- 10 Prohibit and Enforce No Parking for Trucks
- 11 Low Clearance Sign
- 12 Signal Warrant Analysis
- 13 New High-Visibility Crosswalk
- 14 Rectangular Rapid Flashing Beacon



3rd Avenue, between South 1st Street and I-95

Municipality(ies)	Elizabeth
Mileposts	0.00 - 0.43
Functional Classification	Local
AADT (vehicles/day)	1,688 - 6,299 (bidirectional)
Truck Route	No




SAFETY RECOMMENDATIONS

- 1 Lighting Improvements
- 2 Speed Feedback Sign
- 3 Edge Lines
- 4 Intersection Daylighting
- 5 High-Visibility Crosswalk
- 6 Curb Ramp Upgrades
- 7 New High-Visibility Crosswalk
- 8 Pedestrian Crossing Sign
- 9 Double Stop Signs on Stop Controlled Approaches

SAFETY DATA

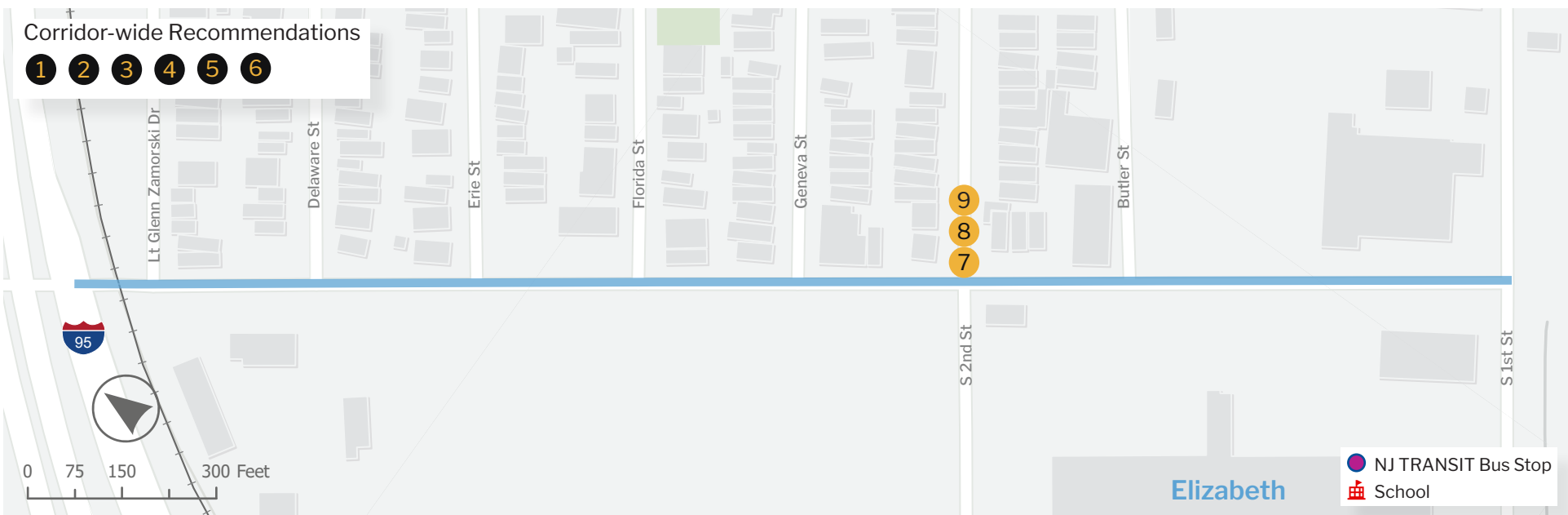
TOTAL CRASHES*: 166 KSI CRASHES*: 5

TOP 3 CRASH TYPES*

-  Right Angle (37%)
-  Struck Parked Vehicle (23%)
-  Same Direction - Rear End (8%)

COMMUNITY FEEDBACK

No Comments Received



* Source: NJDOT Safety Voyager 2018-2022