

Daytona Beach Area Coalition

Community Event

July 15, 2021





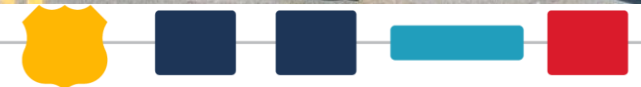
Study Corridors

- Atlantic Ave. (S.R. A1A) from East ISB (U.S. 92) to Seabreeze Blvd. (S.R. 430)
- East ISB (U.S. 92) from Halifax Ave. to Atlantic Ave. (S.R. A1A)
- Main St. from Halifax Ave. to Atlantic Ave. (S.R. A1A)
- Oakridge Blvd. (S.R. 430) from Halifax Ave. to Atlantic Ave. (S.R. A1A)
- Seabreeze Blvd. (S.R. 430) from Halifax Ave. to Atlantic Ave. (S.R. A1A)



Study Purpose

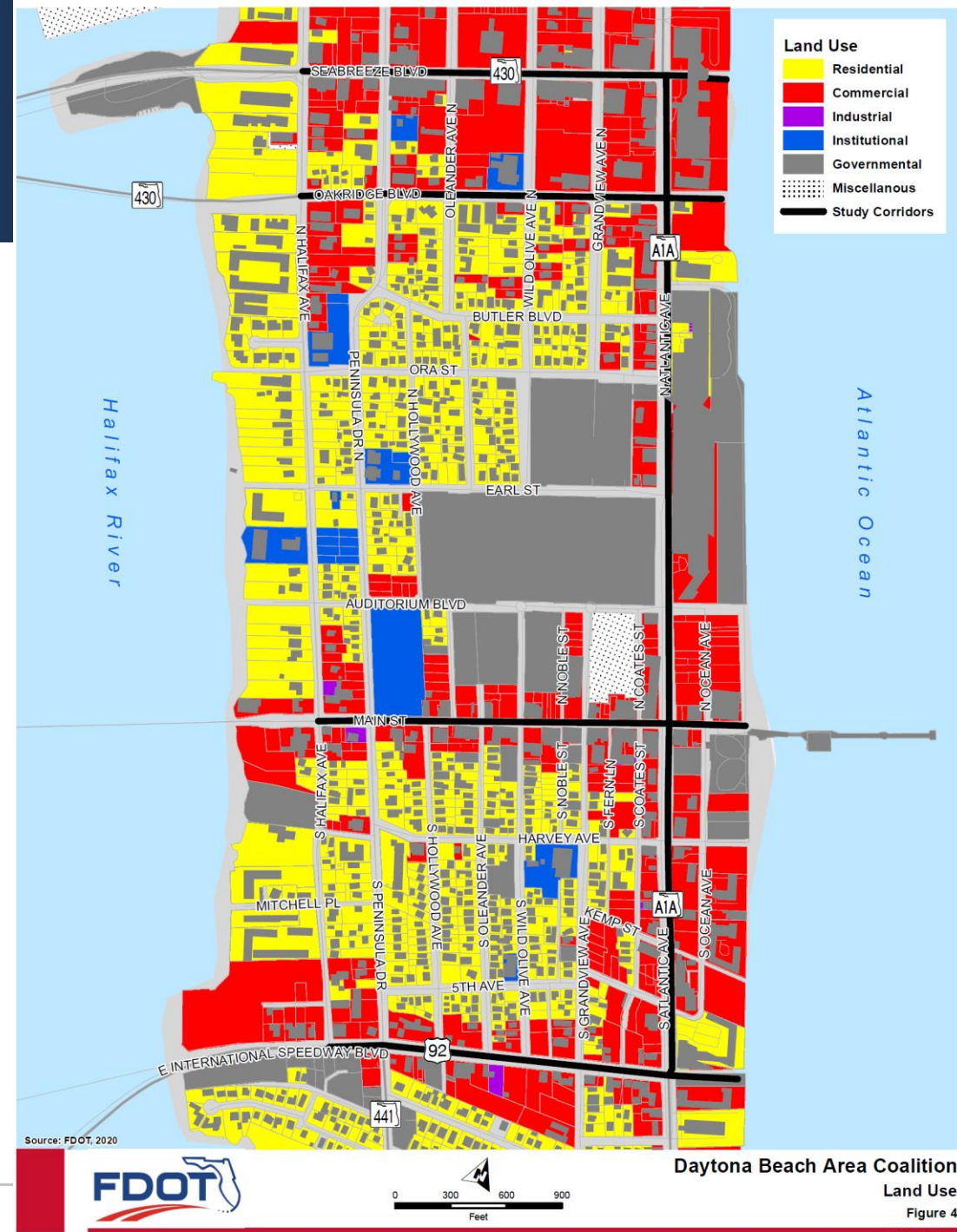
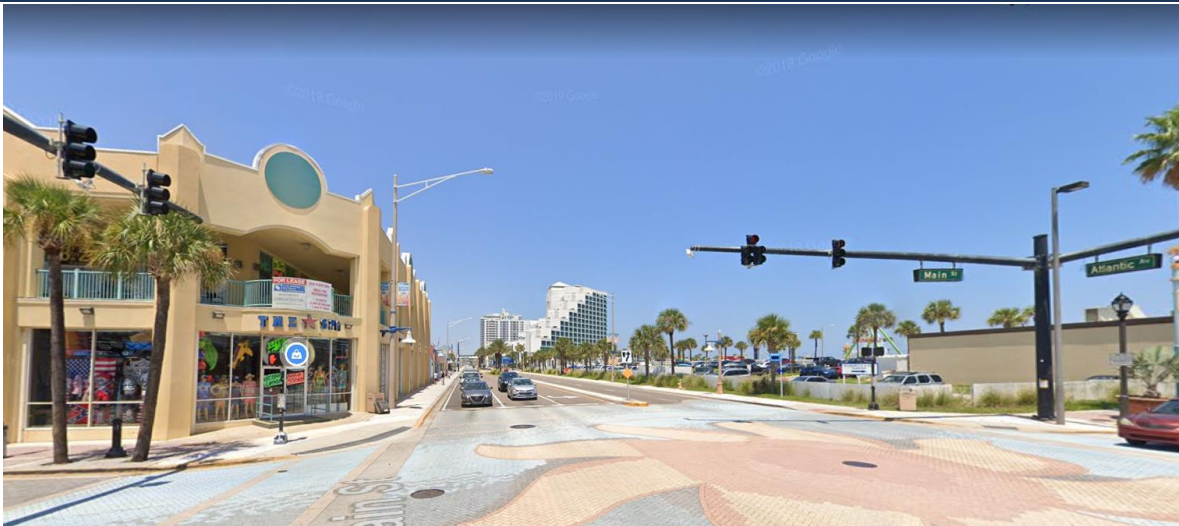
- Develop a coalition of public and private stakeholders
- Develop a shared vision for key transportation corridors
- Seek community input on travel options
- Develop concepts and implementation strategies



Partners



Land Use





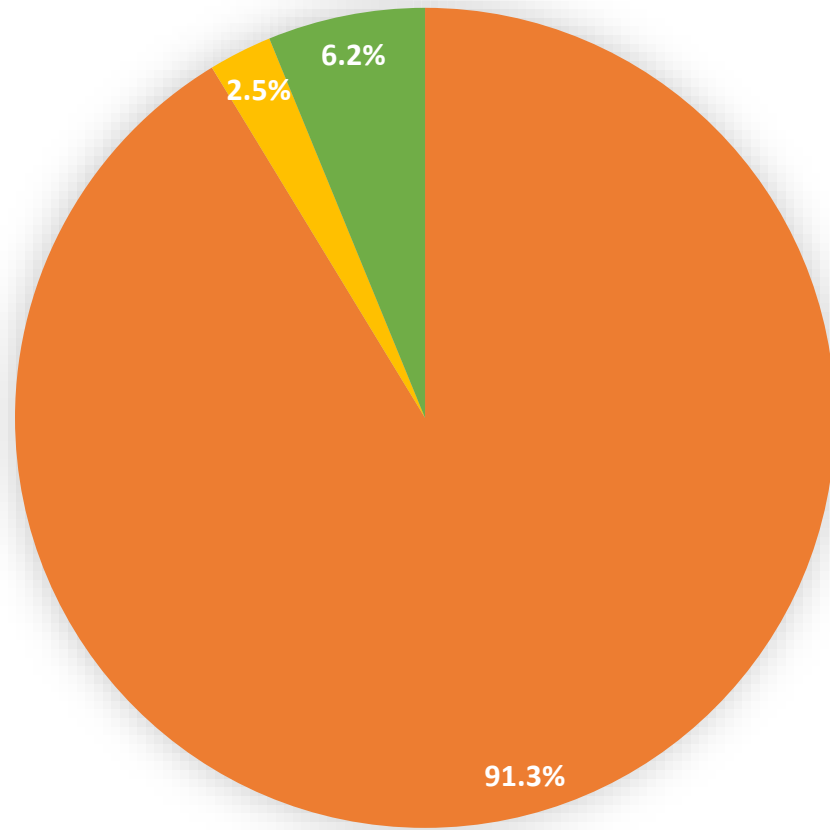
Safety and Traffic Analyses

- Improve safety (bicycle/pedestrian safety issues)
- Enhance mobility of all modes and users
- Signalized intersections
- Pedestrian crossings

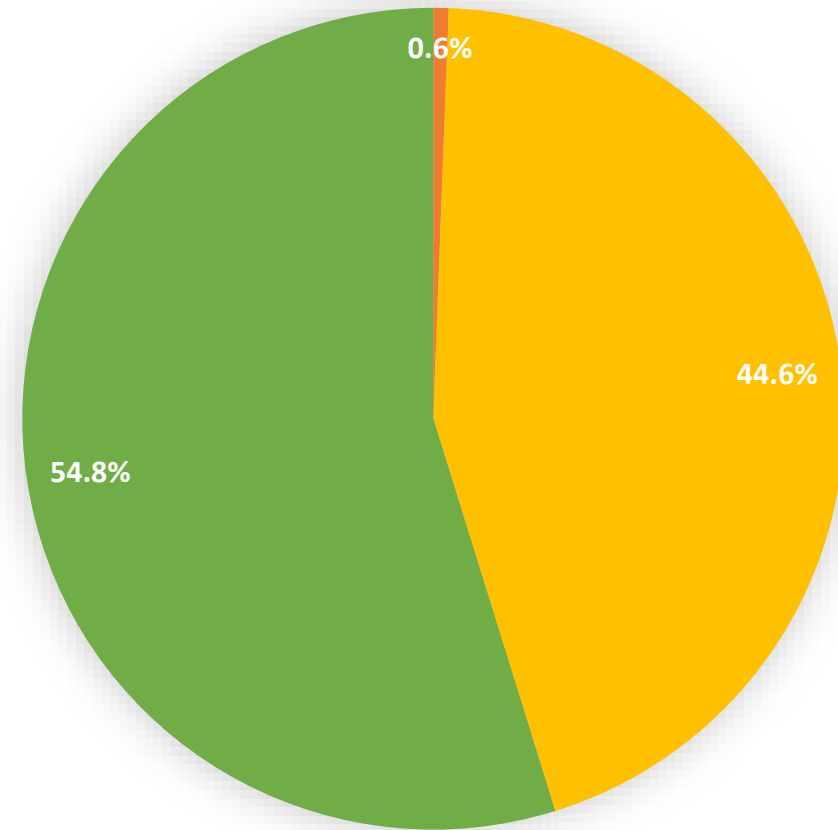


Crash Types

Study Area Crashes by Mode



Study Area Crashes by Severity



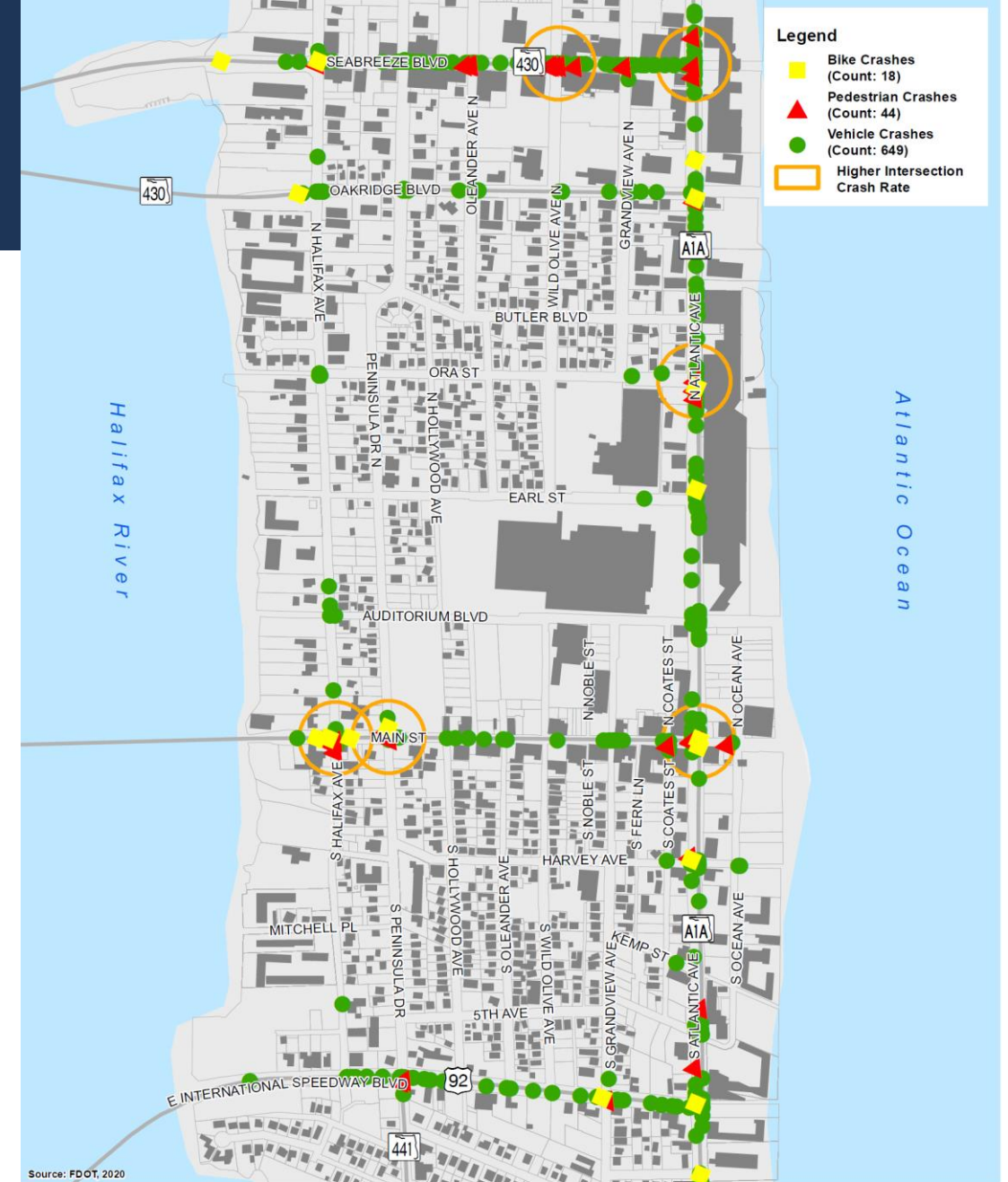
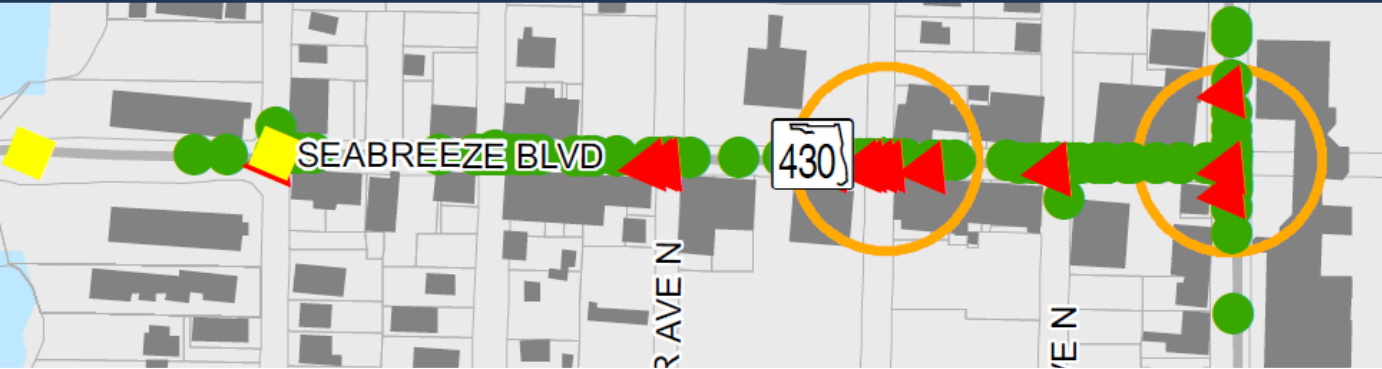
■ Percent Auto Crashes ■ Percent Bicycle Crashes ■ Percent Pedestrian Crashes

■ Percent Fatal Crashes ■ Percent Injury Crashes ■ Percent Property Damage Only Crashes

Total Crashes = 711 (2013 – 2018)

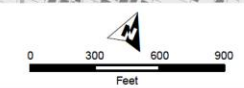


Crash Patterns



- Legend**
- Bike Crashes (Count: 18)
 - ▲ Pedestrian Crashes (Count: 44)
 - Vehicle Crashes (Count: 649)
 - Higher Intersection Crash Rate

Source: FDOT, 2020



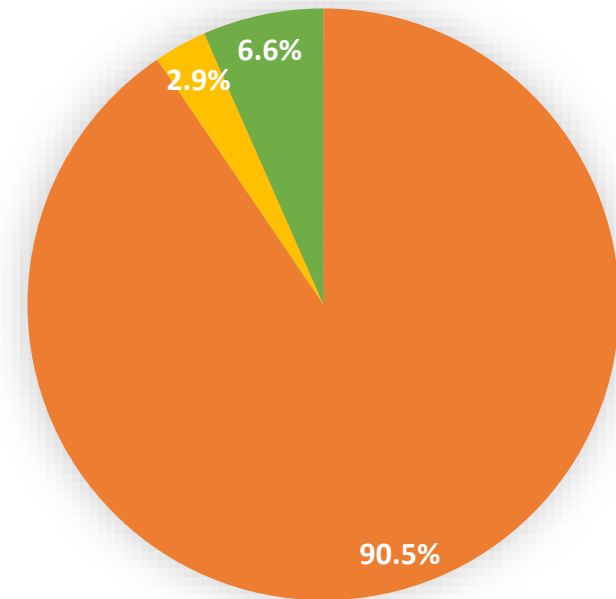
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All Crashes (2014 - 2018)

Intersection Crashes

Intersection Name	Number of Total Crashes (2013-2018)	Intersection Crash Rate	Statewide Crash Rate	Critical Crash Rate
S.R. A1A and U.S. 92	30	0.697	0.879	1.346
S.R. A1A and Harvey Ave.	17	0.470	0.669	1.100
S.R. A1A and Main St.	45	1.077	0.669	1.075
S.R. A1A and Auditorium Blvd.	18	0.493	0.669	1.098
S.R. A1A and Earl St.	24	0.685	0.669	1.106
S.R. A1A and Ora St.	42	1.168	0.669	1.101
S.R. A1A and Oakridge Blvd.	20	0.536	0.669	1.094
S.R. A1A and Seabreeze Blvd.	58	1.506	0.669	1.089
Seabreeze Blvd. and Halifax Ave.	47	1.331	1.156	1.751
Seabreeze Blvd. and Peninsular Dr.	26	1.261	1.156	1.906
Seabreeze Blvd. and Oleander Ave.	23	1.726	1.156	2.052
Seabreeze Blvd. and Wild Olive Ave.	37	2.855	1.156	2.062
Seabreeze Blvd. and Grandview Ave.	5	0.391	1.156	2.067
Oakridge Blvd. and Halifax Ave.	24	0.797	1.156	1.794
Oakridge Blvd. and Peninsular Dr.	26	1.177	1.156	1.884
Halifax Ave. and Main St.	31	1.327	0.397	0.770
Peninsula Dr. and Main St.	19	0.766	0.397	0.761
Halifax Ave. and U.S. 92	21	0.524	0.603	0.992
Peninsula Dr. and U.S. 92	38	0.978	0.879	1.368
Grandview Ave. and U.S. 92	10	0.370	0.879	1.450

Intersection Crashes by Mode

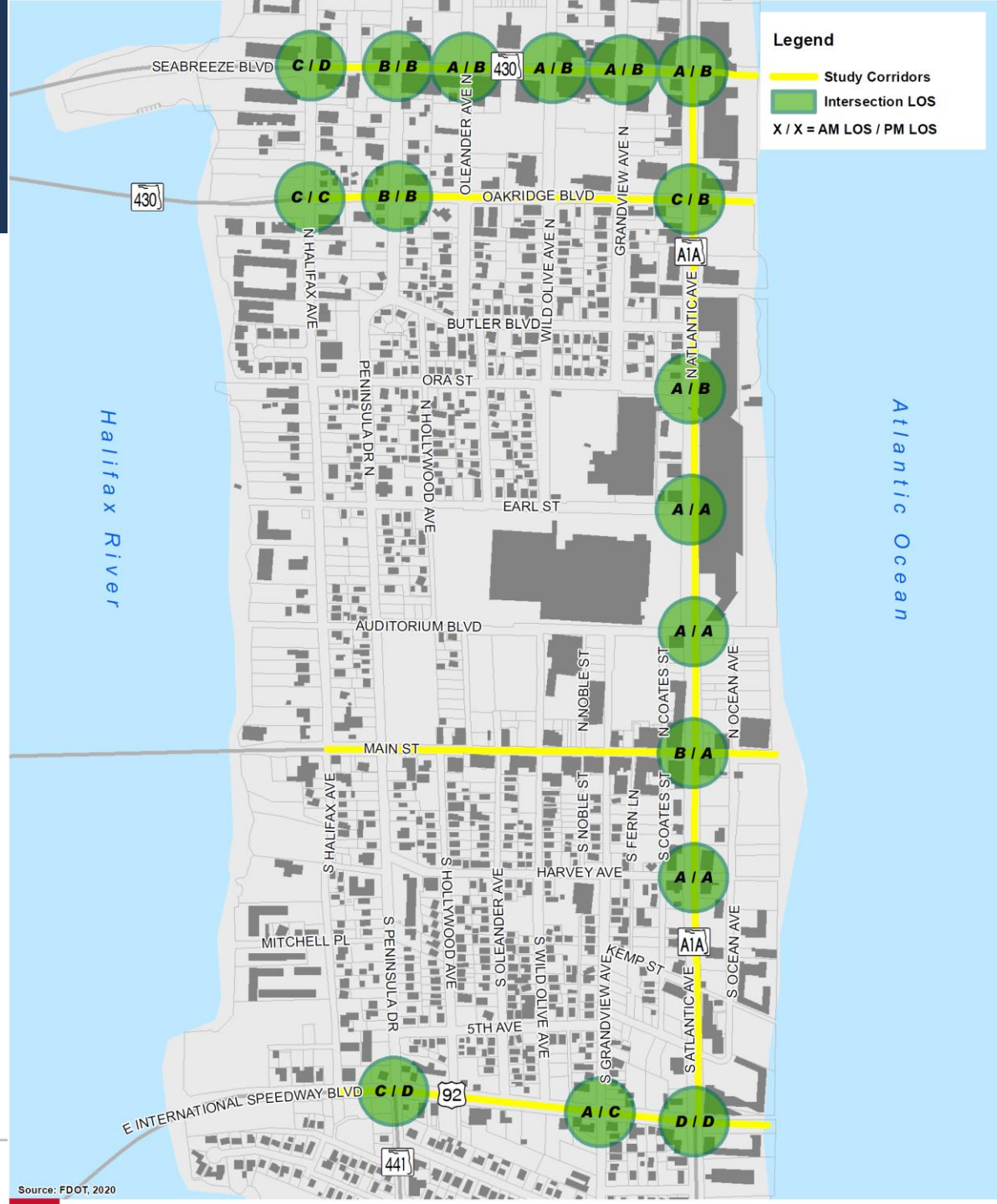


- Percent Intersection Auto Crashes
- Percent Intersection Bicycle Crashes
- Percent Intersection Pedestrian Crashes

Total Intersections Crashes = 561 (2013 – 2018)



Level of Service



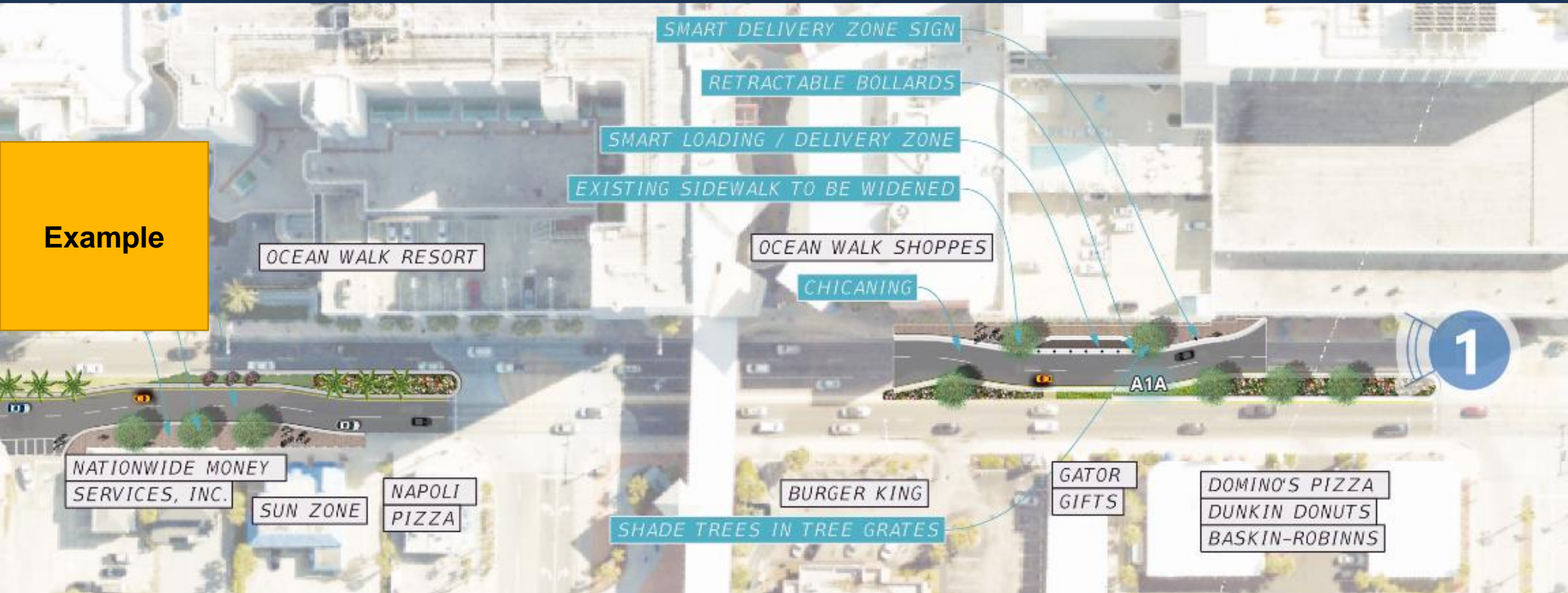
Source: FDOT, 2020

Concept Development

- Capture community vision
- Address safety and mobility issues
- Enhance aesthetics
- Meeting will be held with the Coalition in Summer 2021 to:
 - Review the concepts
 - Discuss options
 - Refine ideas



S.R. A1A Alternative Concepts





Google Earth
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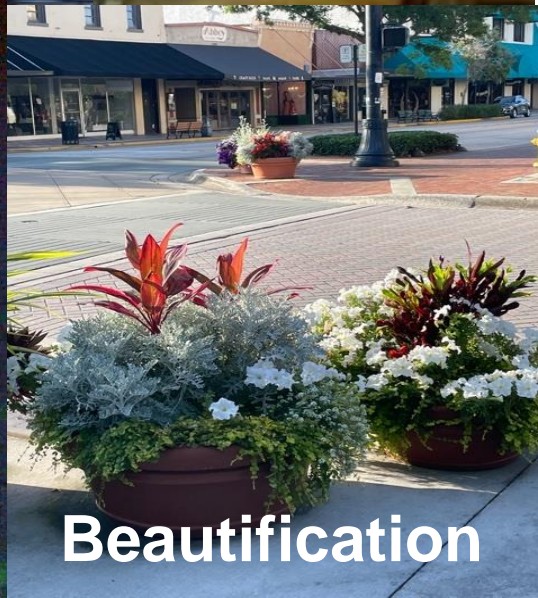








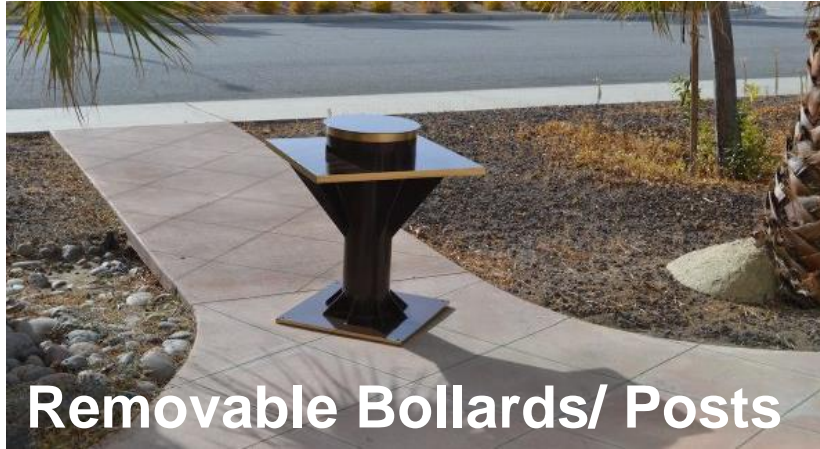
Innovative Treatments



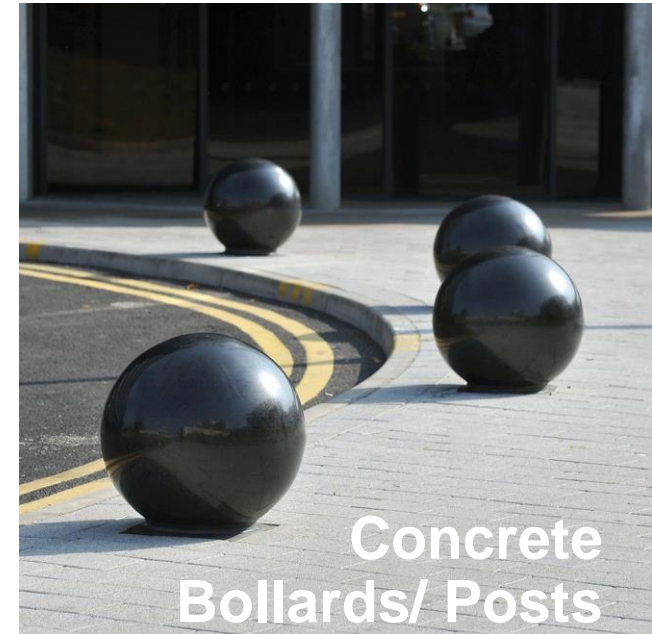
Innovative Treatments



Retractable
Bollards/ Posts



Removable Bollards/ Posts

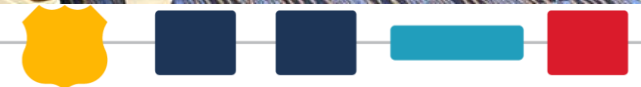


Concrete
Bollards/ Posts



Recommendations

- Recommendations from the Coalition will be incorporated into final concepts.
- Implementation plans will be developed to support the concepts.





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