



CHULUOTA ROAD (C.R. 419) RCA STUDY



Mayor Jerry L.
Demings



Commissioner
Emily Bonilla
District 5

Welcome
Chuluota Road RCA
From S.R. 50 to Lake Pickett Road

Public Meeting

September 20, 2022





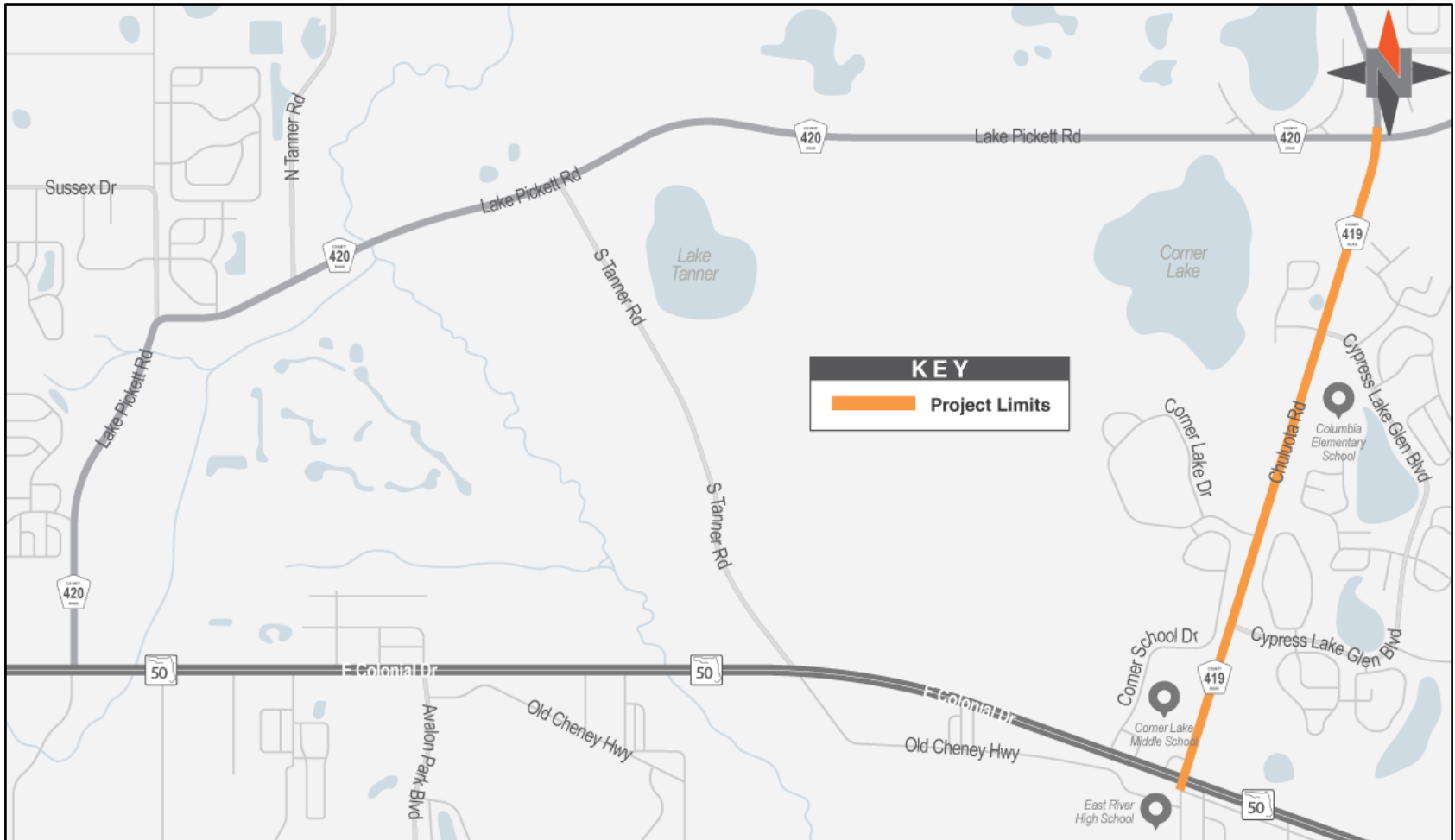
AGENDA

- Project Location
- Existing Conditions
- RCA Overview
 - Study Purpose
 - Study Approach
- Access Management
- Proposed Concept
- Schedule
- Comments & Questions





PROJECT LOCATION





COMMUNITY CONTEXT





EXISTING CONDITIONS

- Two-lane roadway with turn lanes at select intersections
- Paved, flush shoulders
- Open ditch drainage and no existing stormwater ponds
- Sidewalk along portions of the project
- 100 to 130 feet of existing right of way



STUDY PURPOSE

- Identify improvements to address current and future transportation needs
- Improve multi-modal elements with sidewalk and multi-use path
- Address drainage issues
- Minimize impacts to surrounding properties
- Evaluate feasibility and impacts of the proposed alternatives



Automobiles



Pedestrians



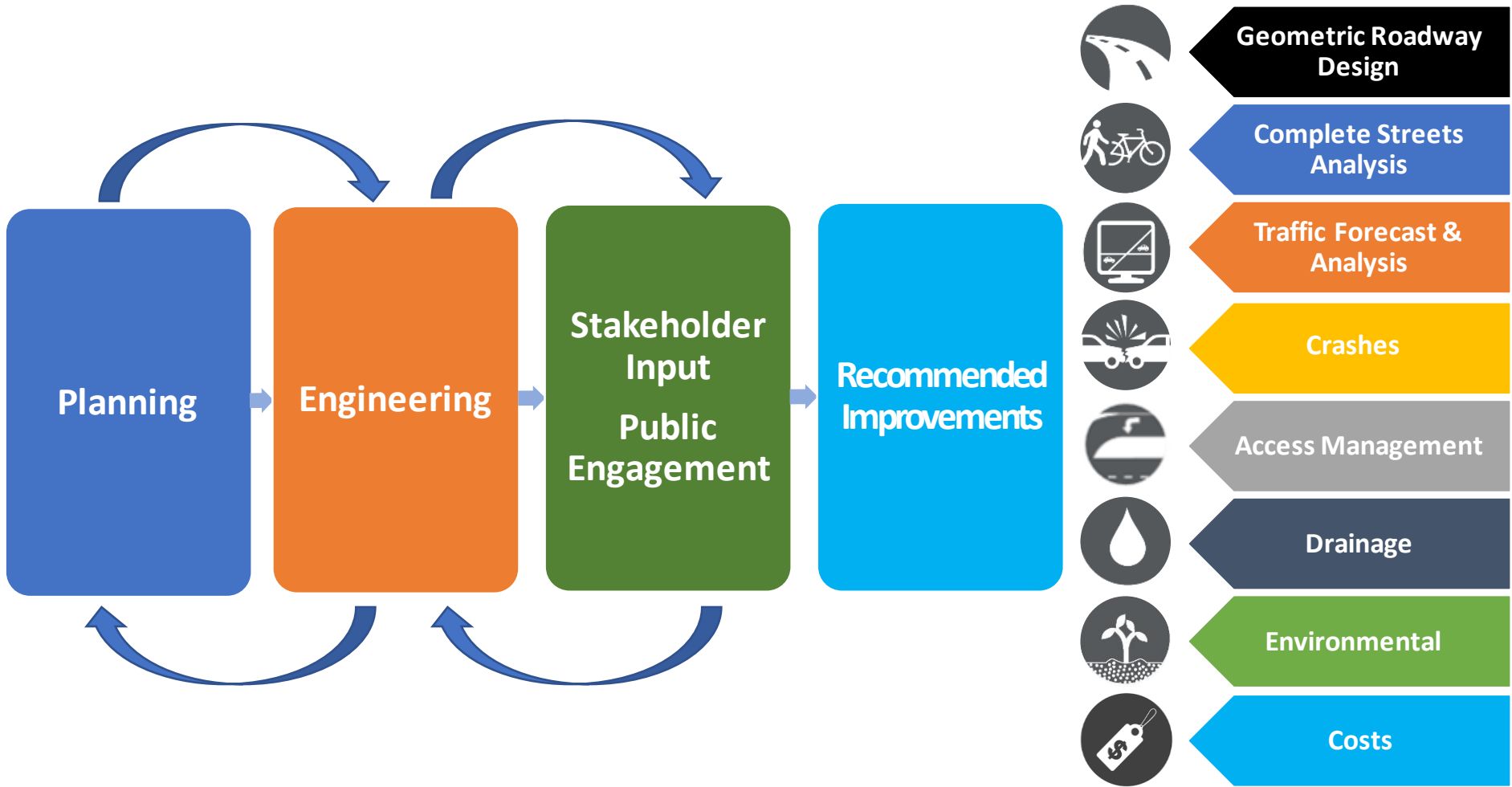
Cyclists



Transit



STUDY APPROACH

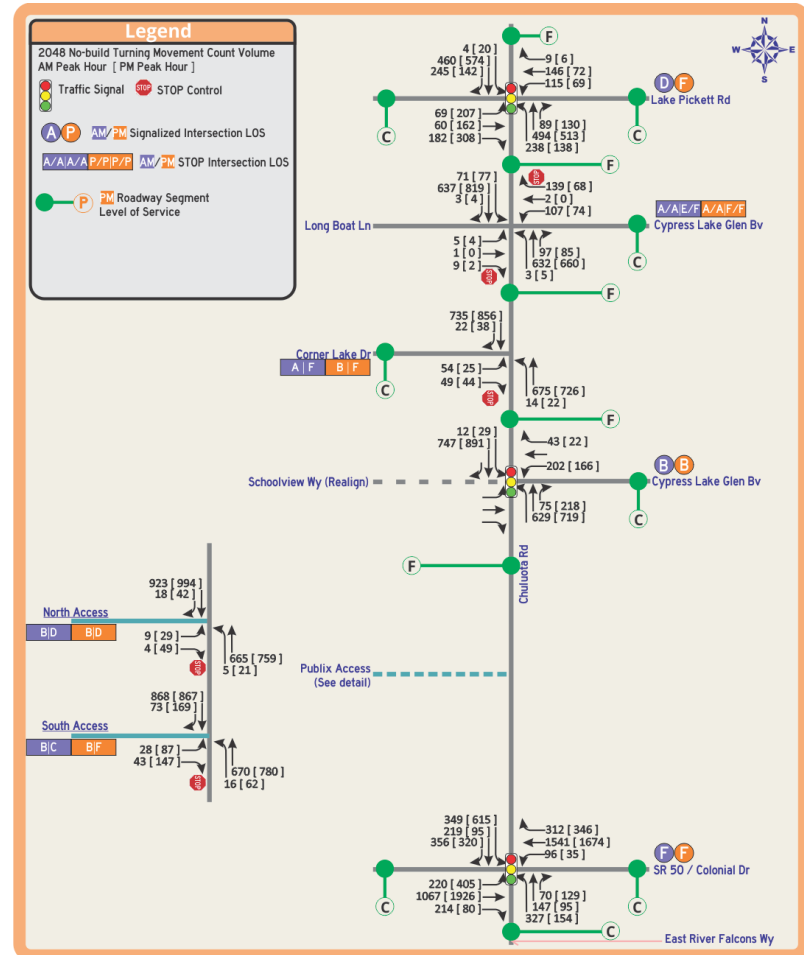




TRAFFIC DEMANDS

2048 No Build Conditions

By Year 2048, Chuluota Road is expected to operate at Level of Service F, with severe congestion if no improvements occur





TRAFFIC DEMANDS

Pedestrian, Bicycle Activity



Study Intersections	Pedestrian Volumes						Bicycle Volumes						Combined Volumes					
	AM 6:00-9:00		MID-DAY 12:00-2:00		PM 4:00-7:00		AM 6:00-9:00		MID-DAY 12:00-2:00		PM 4:00-7:00		AM 6:00-9:00		MID-DAY 12:00-2:00		PM 4:00-7:00	
	Major	Minor	Major	Minor	Major	Minor	Major	Minor	Major	Minor	Major	Minor	Major	Minor	Major	Minor	Major	Minor
Chuluota Road																		
Lake Pickett Road	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
Long Boat Lane/Cypress Lake Gl Blvd (N)	2	6	0	1	2	4	3	2	1	0	6	2	5	8	1	1	8	6
Corner Lake Drive	0	3	0	2	0	4	3	2	1	0	6	2	3	5	1	2	6	6
Cypress Lake Gl Blvd (S)	12	3	20	1	12	6	10	0	3	1	5	0	22	3	23	2	17	6
Corner Lake Plaza (Both Driveways)	0	5	0	20	0	9	1	11	0	1	0	3	1	16	0	21	0	12
SR 50	4	16	7	52	1	3	3	9	2	8	3	2	7	25	9	60	4	5



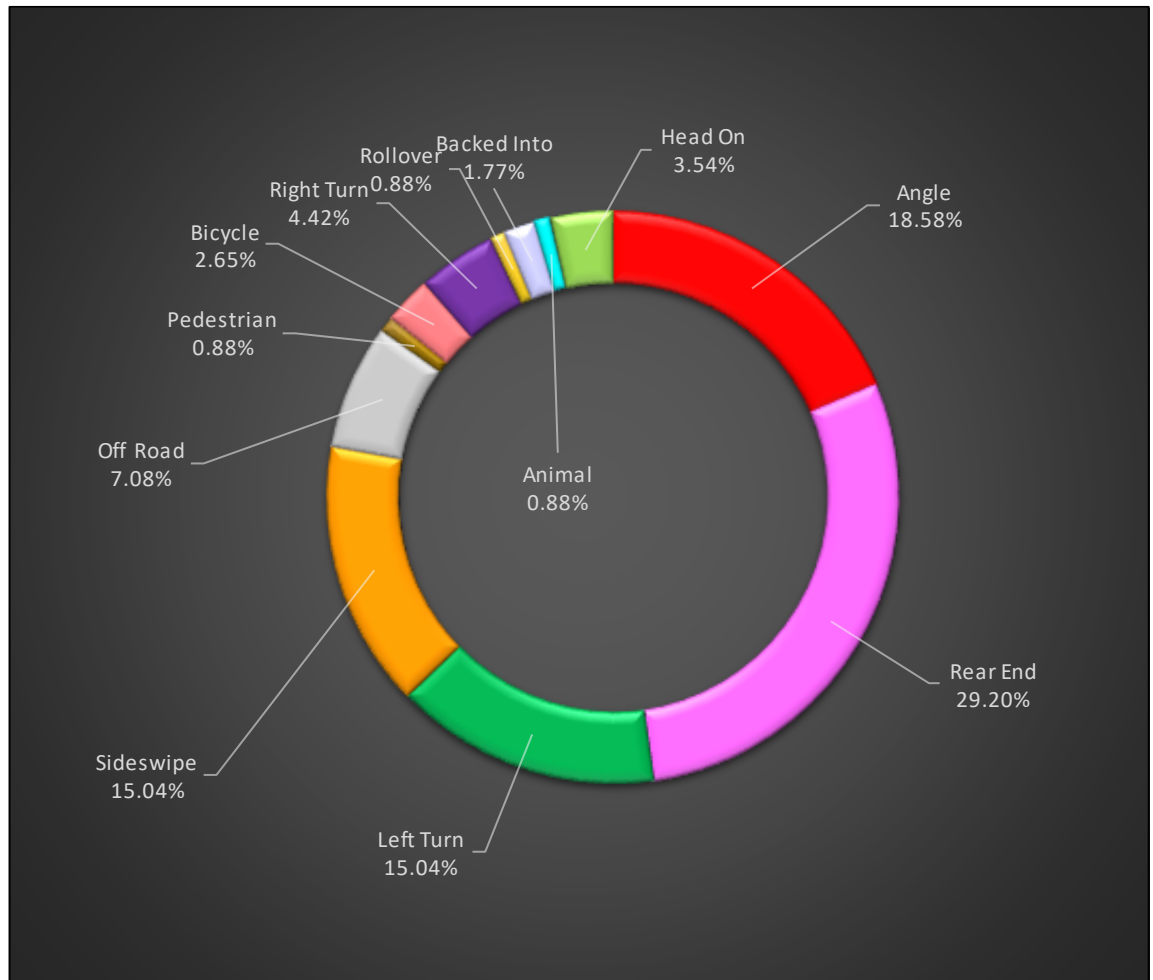


CRASH ANALYSIS



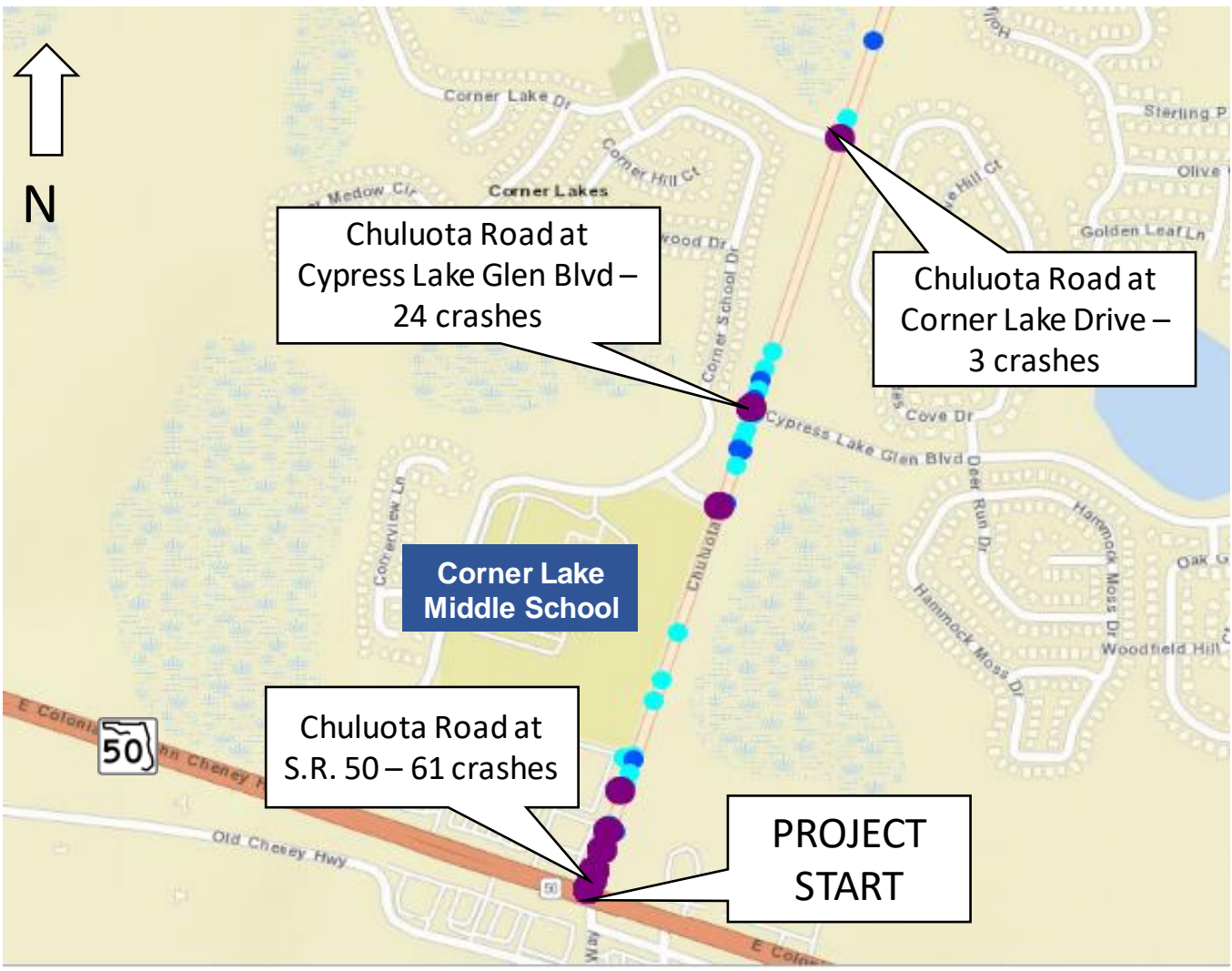
Five-Year Period
2016 – 2020:

- 113 Total Crashes
- 36 injury crashes
- 77 property crashes
- No fatalities
- One Pedestrian Crash
- Three Bicycle Crashes



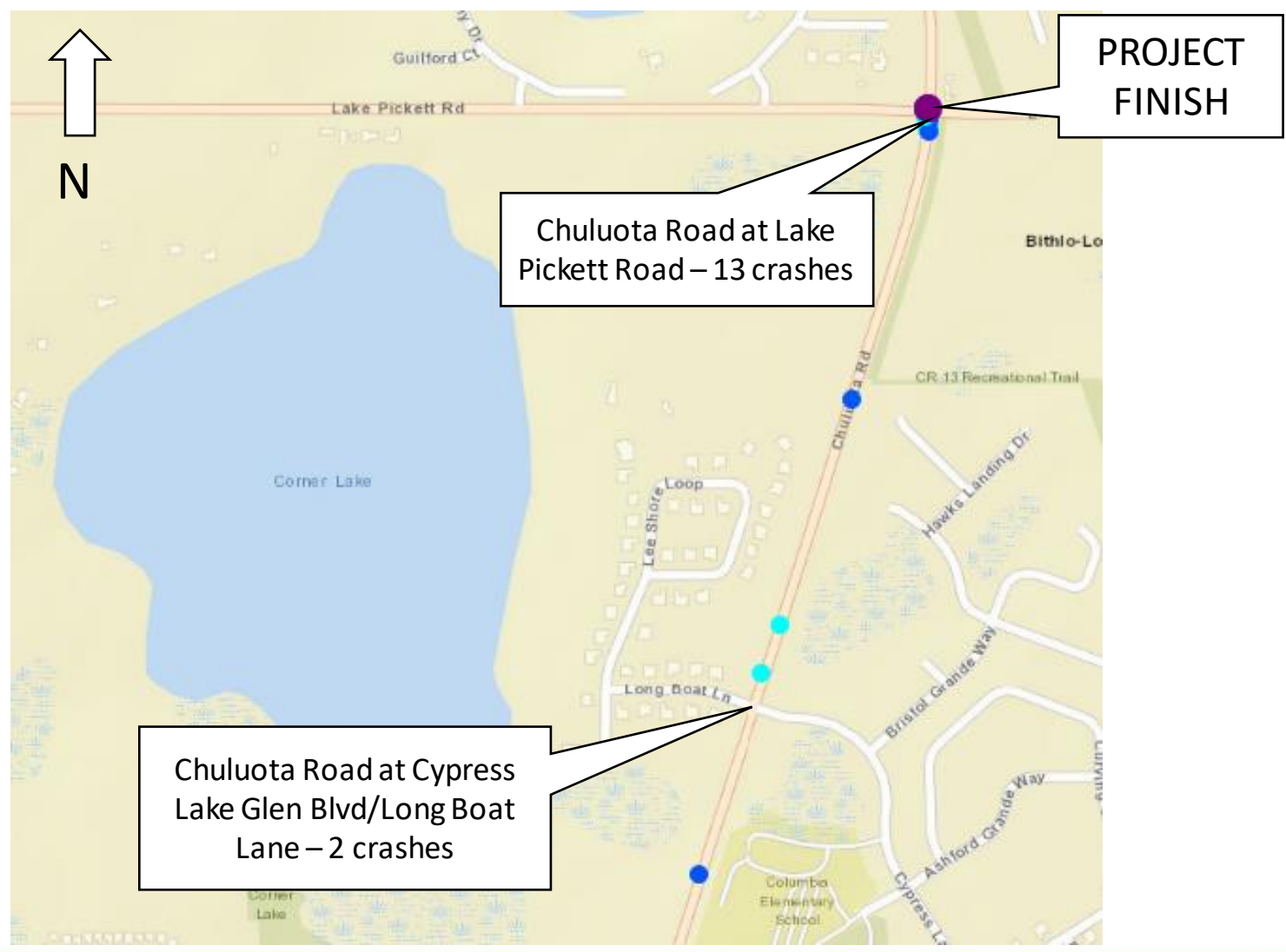


CRASH ANALYSIS – South Section (2016-2020)





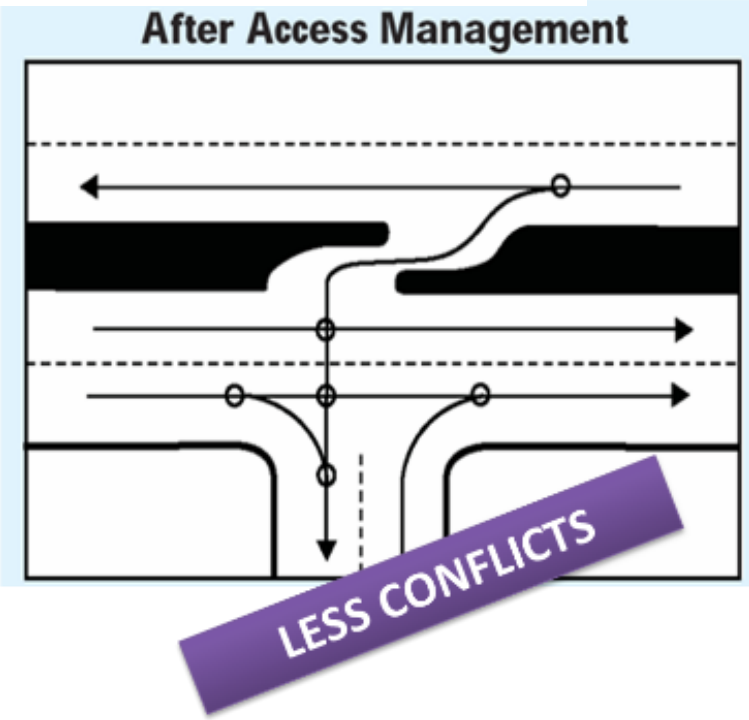
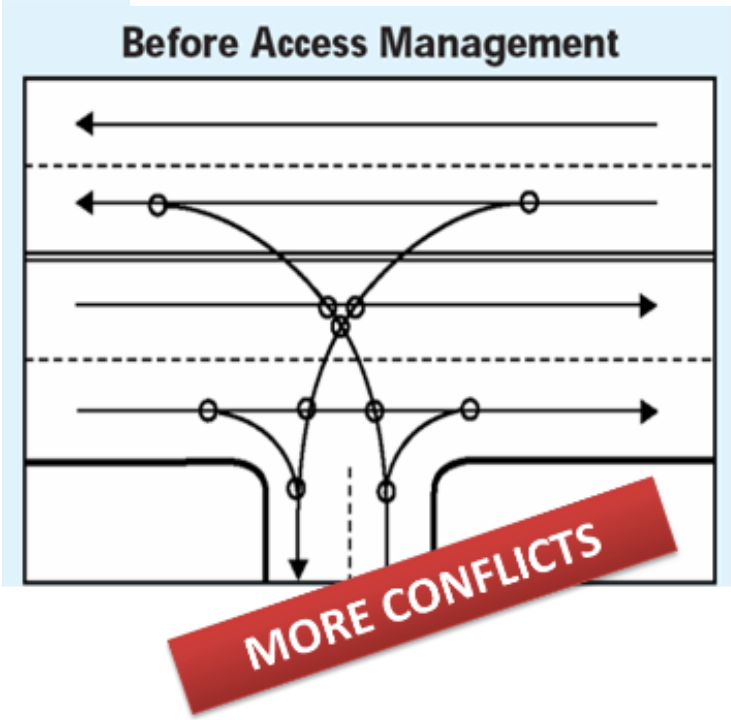
CRASH ANALYSIS – North Section (2016-2020)





ACCESS MANAGEMENT

More conflict points means more crashes

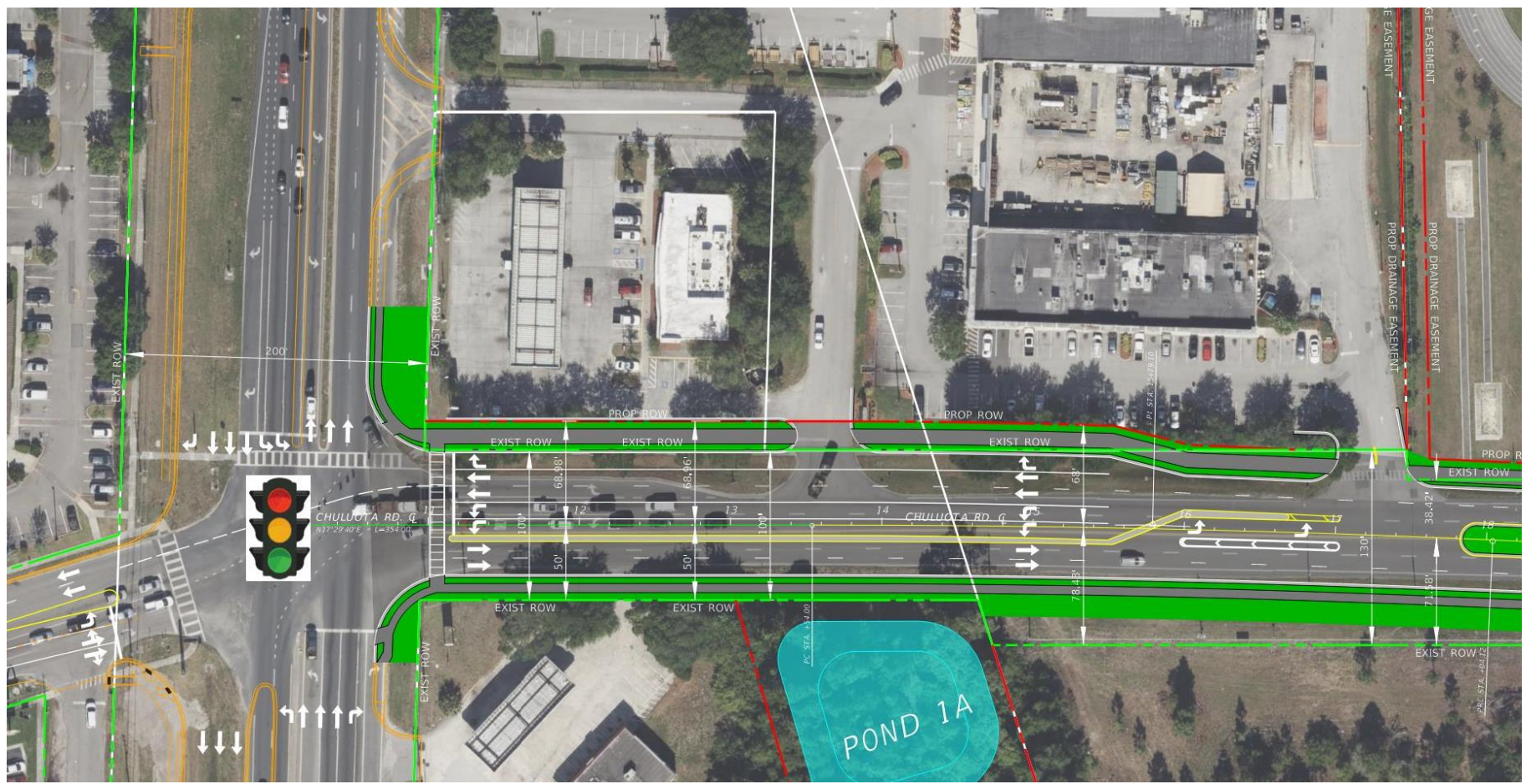




PROPOSED IMPROVEMENTS AND ACCESS MANAGEMENT



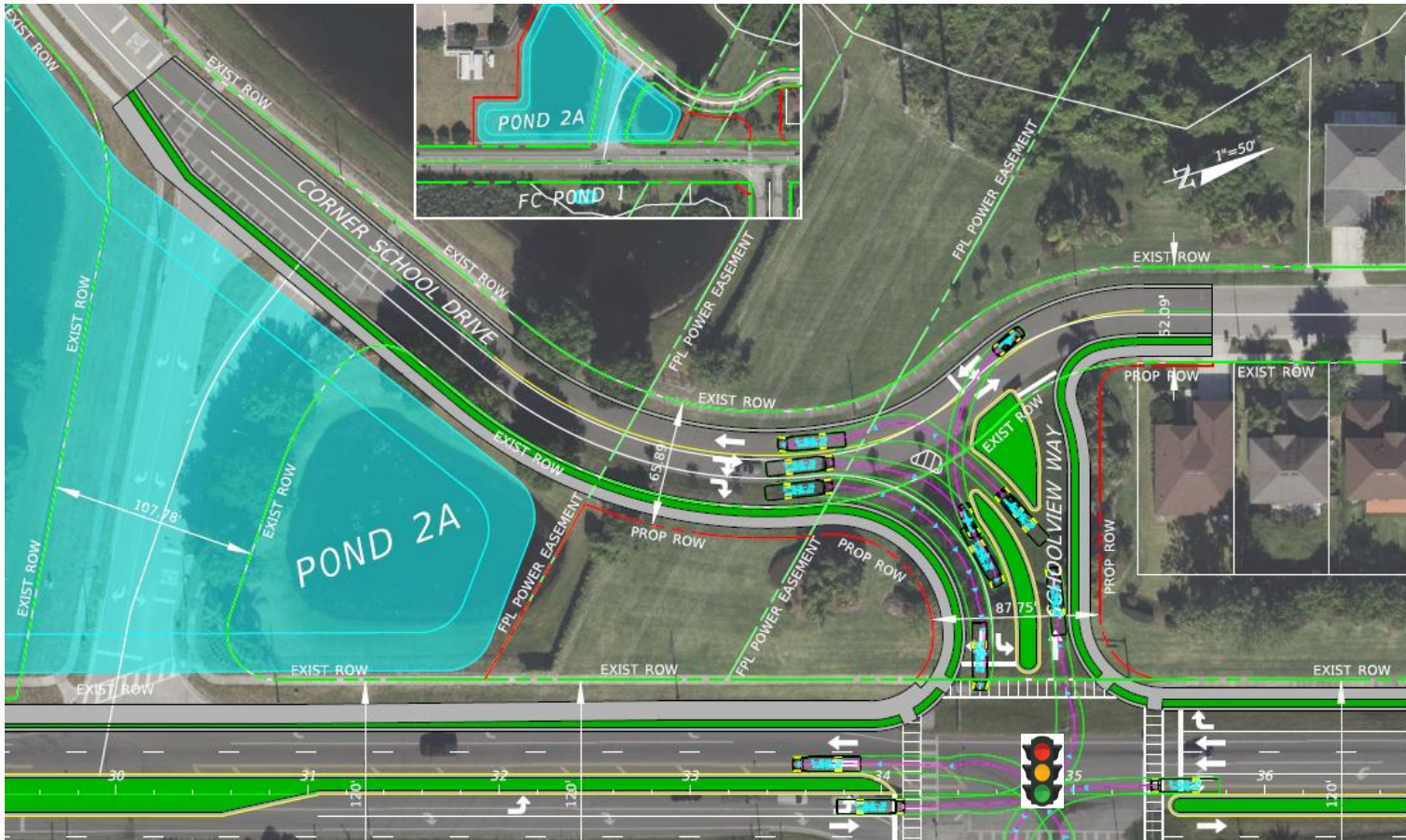
Proposed Access Changes at Corner Lakes Plaza





PROPOSED IMPROVEMENTS

Proposed Relocation of Schoolview Way





ENVIRONMENTAL ISSUES

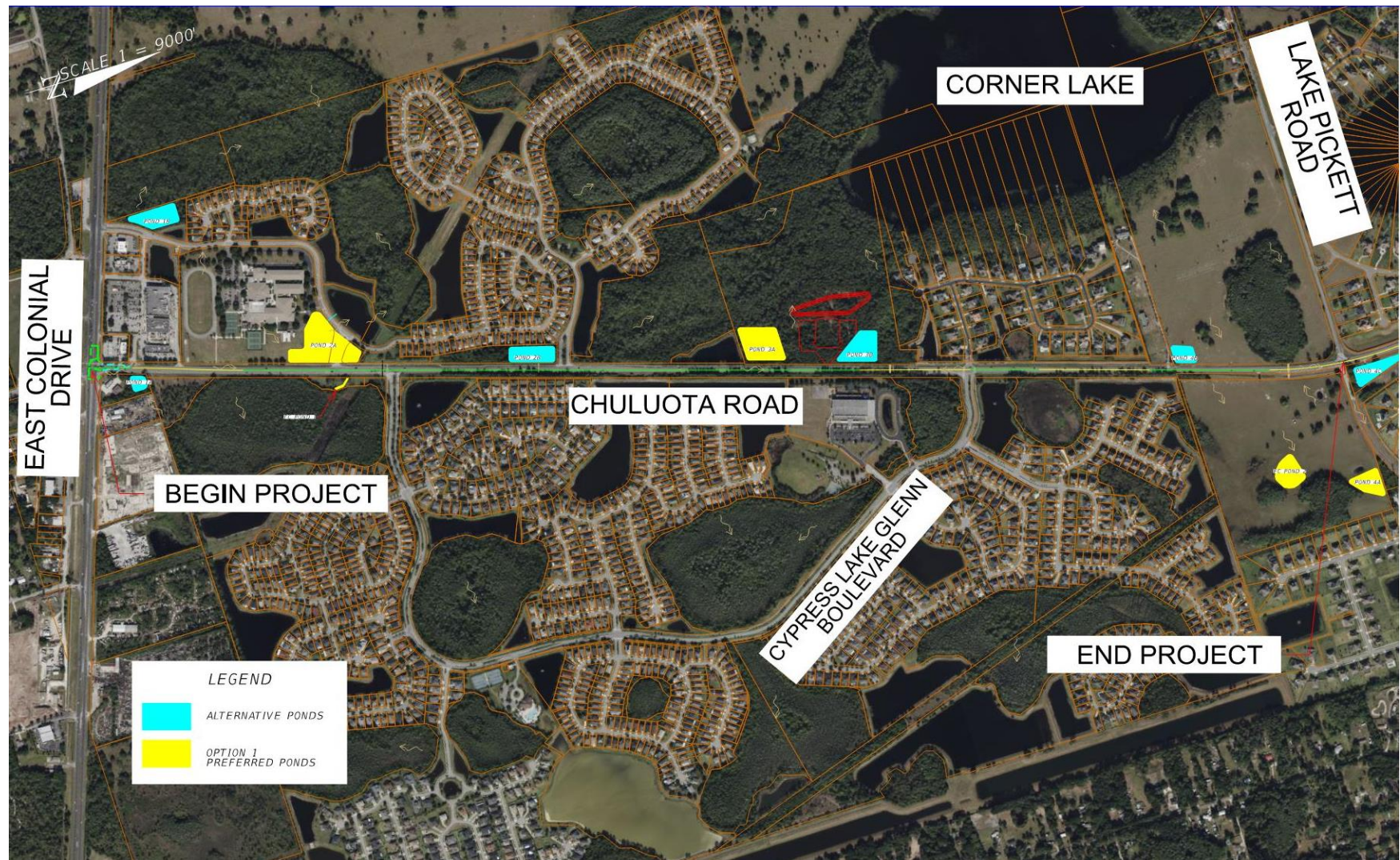


- Wetland impacts expected to be minimal
- Riparian Habitat Protection Zone (RHPZ) impacts expected to be minimal
- Protected wildlife species that may be within the project
 - Gopher tortoise, snail kite, Florida sandhill crane, wood stork, little blue heron, tri-colored heron, American alligator
- No Impacts to potential high or medium-risk contamination sites





STORMWATER PONDS – OPTION 1



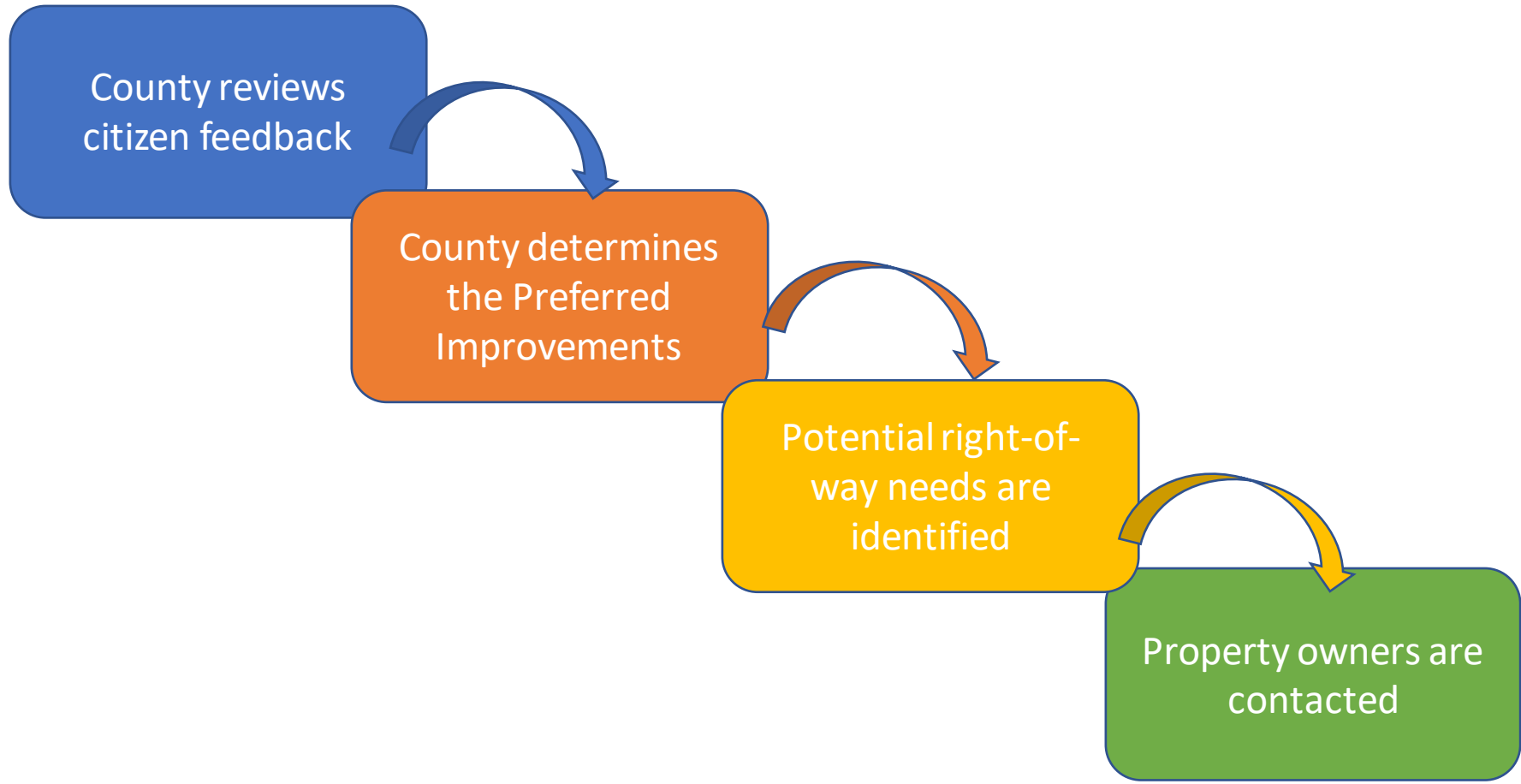


STORMWATER PONDS – OPTION 2



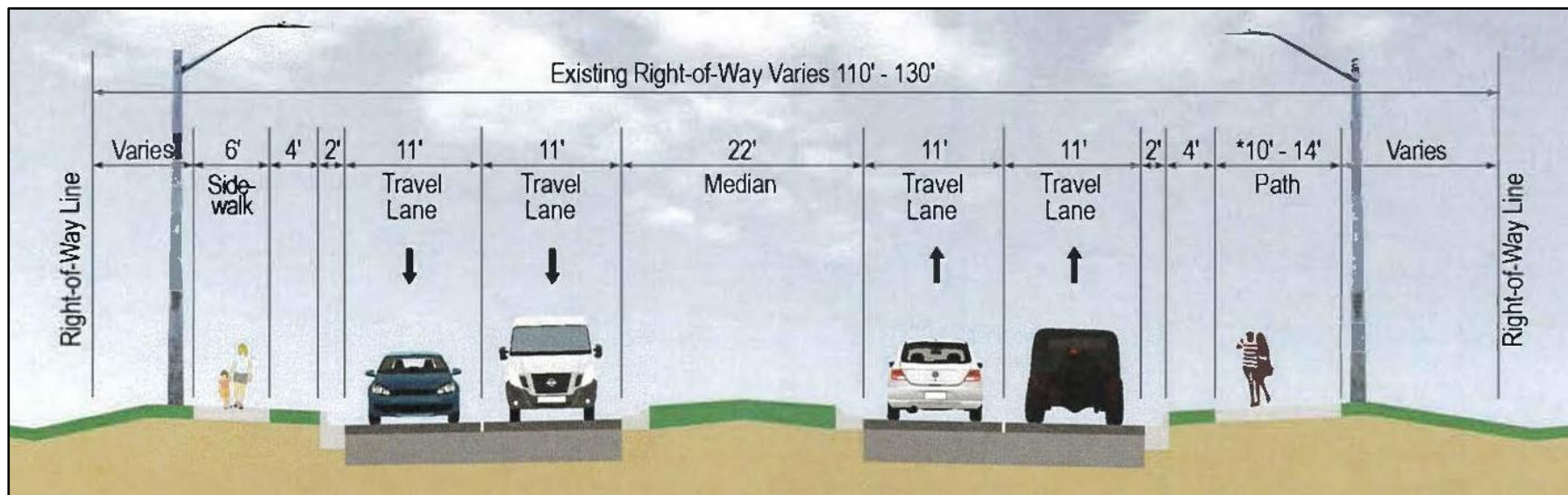


RIGHT OF WAY





PREFERRED TYPICAL SECTION



Typical Section Elements From Cypress Lake Glen Boulevard to Lake Pickett Road:

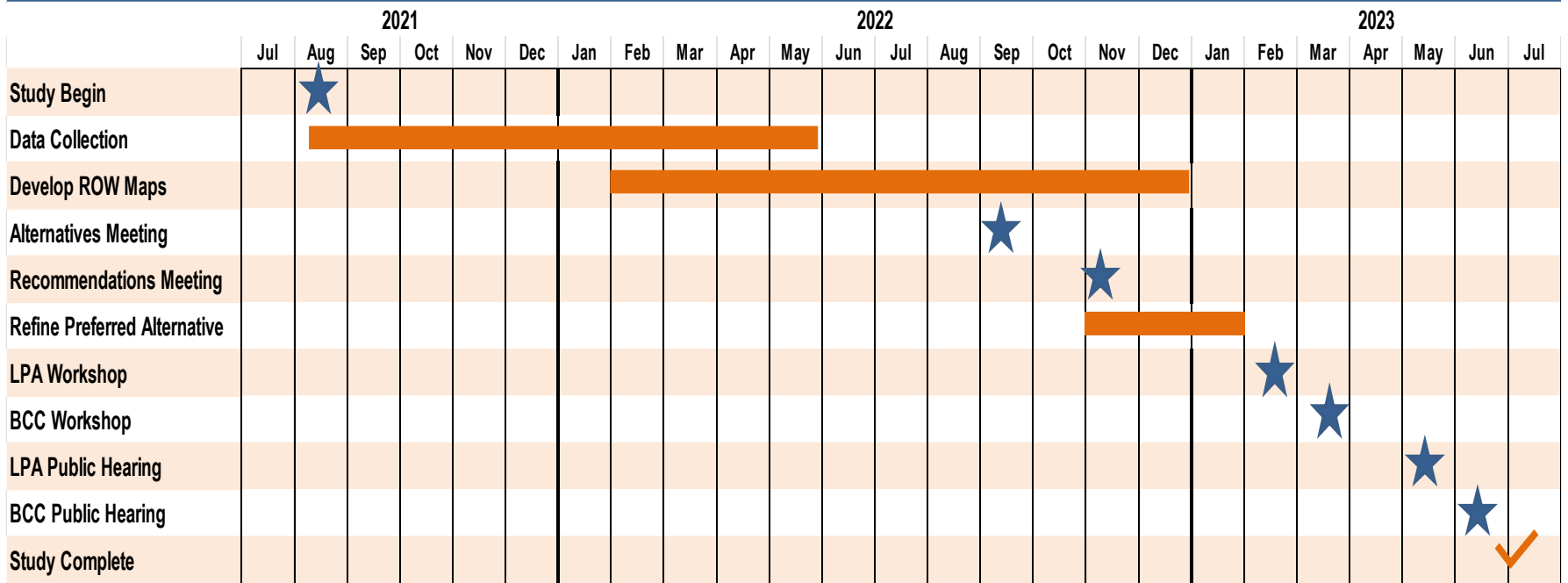
- Four 11-foot-wide travel lanes (two each direction)
- 22-foot raised median
- Multi-modal accommodations consisting of 6-foot-wide sidewalk on west side, and 10- to 14-foot-wide path on the east side
- Closed drainage system with stormwater treatment ponds



PROJECT SCHEDULE



CHULUOTA ROAD RCA PROJECT SCHEDULE





WAYS TO BE INVOLVED

ORANGE COUNTY GOVERNMENT FLORIDA

Chuluota Road (CR 419) Roadway Conceptual Analysis (RCA) SR 50 to Lake Pickett Road

Public Comment Form

Name _____ Phone _____

Address _____

City _____ State _____ Zip Code _____

Check here to be added to the project mailing list.

Please use this comment form to express your opinions regarding the planned improvement (widening) of Chuluota Road from SR 50 to Lake Pickett Road. You can leave your completed form in the comment box at this meeting, with a member of the project team today or mail it, postmarked by Saturday, October 15, 2022, to the address below. All comments are part of the project record and are available for viewing by the public and media.

Comments: _____

Please mail comment form to:
 Ms. Blanche Hardy, P.G.
 Orange County Project Manager
 Community, Environmental & Development Services
 Transportation Planning Division
 4200 South John Young Pkwy
 Orlando, FL 32839
 E-mail: blanche.hardy@ocfl.net
 Telephone: 407-836-0257

Public Meeting
 Tuesday, September 20, 2022
 5:30 p.m.
 Presentation at 6:00 p.m.
 East River High School Cafeteria
 650 E. River Falcons Way
 Orlando, Florida 32833

Project website: www.chuluotarca.com

- Ask questions and speak with project team members at the community meeting
- Submit a written comment form
- Contact Orange County Project Manager Blanche Hardy directly:
 - By email at blanche.hardy@ocfl.net
 - By phone at 407-836-0257
 - By U.S. Mail at 4200 South John Young Parkway, Orlando, FL 32839
- Project Website, www.chuluotarca.com

Please submit comments by October 15, 2022



CONTACT INFORMATION



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Development Services
Transportation Planning Division
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Orlando, FL 32839

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CHULUOTA ROAD (C.R. 419) RCA STUDY



Questions and Answers

