

Neptune Road Improvements

from Partin Settlement Road to US 192

Formal Presentation to begin at 6:45 p.m. on-line and in person

September 24, 2020

Neptune Road Improvements from Partin Settlement Road to US 192



Hybrid Public Hearing

Three Methods of Communication:



In person meeting



Online
Teams Meeting



Phone

- Recorded and will be posted on [ImproveNeptuneRoad.com](https://www.improveneptuneroad.com)
- Online microphones and phones are muted
- Communicate through “Ask a Question” button online
- Comments will be solicited following the presentation
 - In person meeting
 - Online Teams Meeting
 - Phone



Neptune Road Project Development and Environment Study Public Hearing Osceola County, Florida

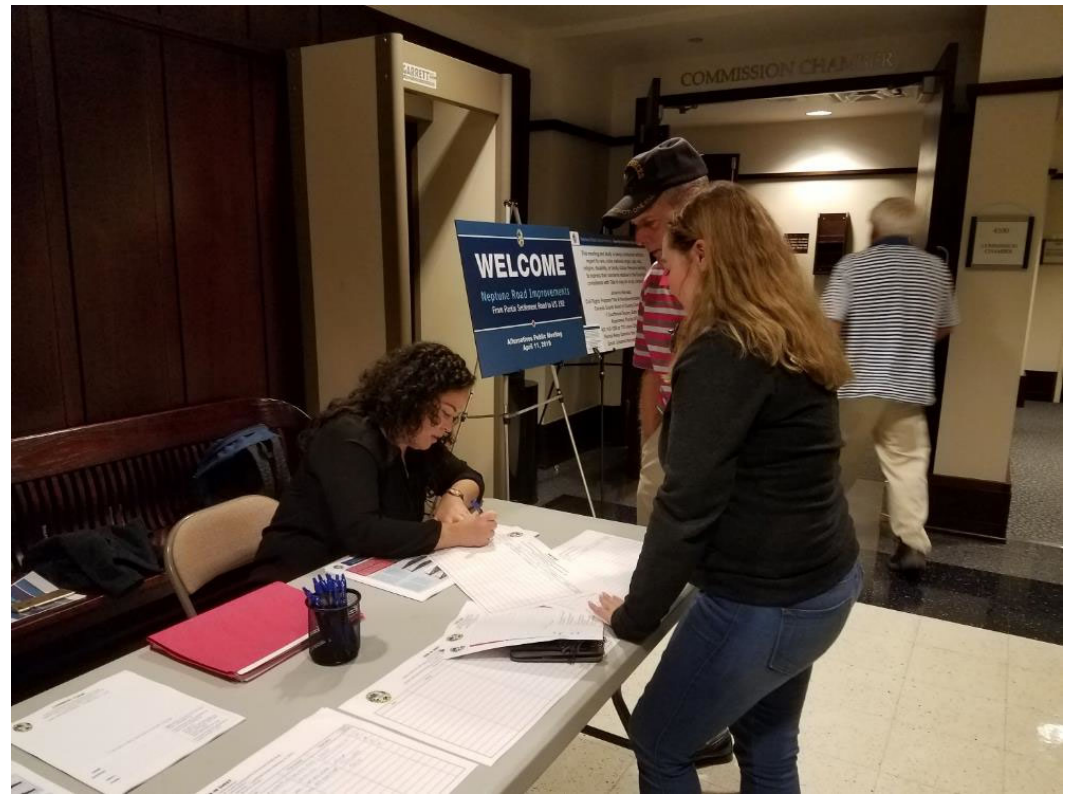
*From Partin Settlement Road to US 192
FDOT Financial Management Project Number: 445415-1
County Professional Services Number: PS-18-9905-DG*

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by FDOT pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated December 14, 2016 and executed by FHWA and FDOT.



Purpose of Public Hearing

- Share information about the proposed improvement
 - Conceptual Design
 - Alternatives Considered
 - Potential environmental and community effects
- Official forum for public input



◆ Neptune Road Improvements from Parlin Settlement Road to US 192



Components of Public Hearing

1



◆ Neptune Road Improvements from Partin Settlement Road to US 192



Components of Public Hearing

2



Neptune Road Improvements

from Partin Settlement Road to US 192



Public Hearing

◆ Neptune Road Improvements from Partin Settlement Road to US 192



Components of Public Hearing

3



◆ Neptune Road Improvements from Partin Settlement Road to US 192



Public Hearing and Project Compliance

- Section 120.525, F.S. – “Administrative Procedures” including meetings, hearings, and workshops
- Section 335, F.S. – “State Highway System”
- Section 286.011, F.S. – “Government in the Sunshine Law”
- Section 339, F.S. – “Transportation Finance and Planning”
- 28 Code of Federal Register (CFR) – “Americans with Disabilities Act (ADA)”
- 34 CFR – “Title VI” of the “Civil Rights Act of 1964” and other nondiscrimination laws
- 40 CFR, Part 1501 - NEPA and agency planning
 - Executive Order 11593 “Protection and Enhancement of Cultural Environment
 - Executive Order 11990 “Protection of Wetlands”
 - Executive Order 11988 “Floodplain Management”
 - Executive Order 12898 “Environmental Justice”
- 40 CFR, Part 1506 - Other Requirements of NEPA
- 49 CFR, Part 24 – “Uniform Relocation Assistance Act” and real property acquisition for federal and federally-assisted programs



Title VI Compliance

The proposed project is being developed in accordance with the Civil Rights Act of 1964 and 1968, as amended. Under Title VI of the Civil Rights Act, public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status.

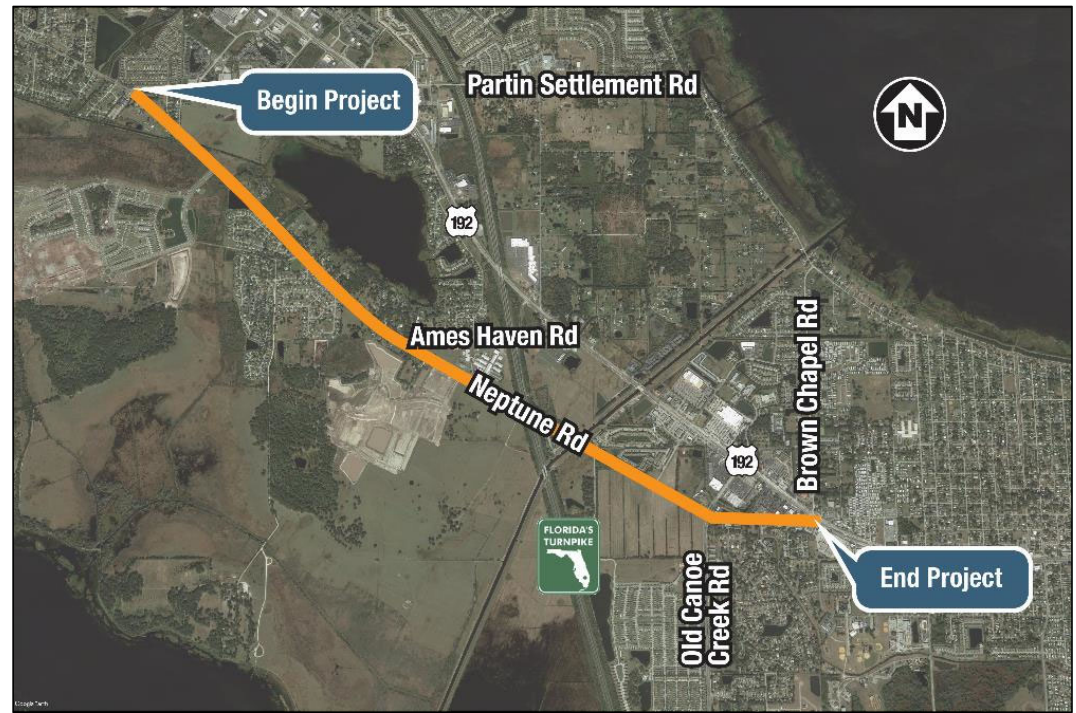
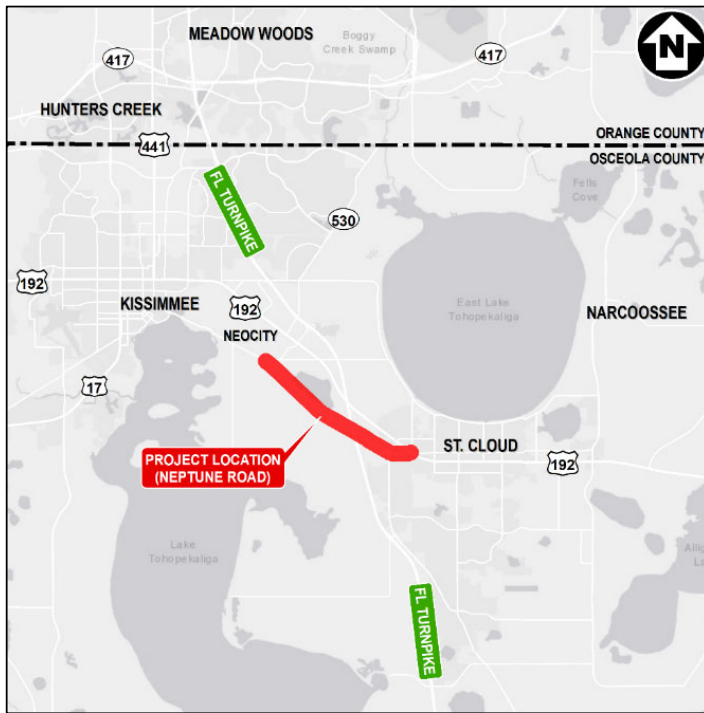
Persons wishing to express their concerns relative to the Department's or County's compliance with Title VI may do so by contacting:

Johannis Narvaez, Manager
Human Resources Department
1 Courthouse Square, Suite 4200
Kissimmee, Florida 34741
407-742-1200 or TTD users: Dial 711 and
give Florida Relay Operator this phone number
Email: JNAR@Osceola.org

Florida's Equal Opportunity Office
605 Suwannee Street, Room 260
Mailstop 65
Tallahassee, Florida 32399-0450
(850) 414-4747



Project Location and Limits



◆ Neptune Road Improvements from Partin Settlement Road to US 192



Purpose and Need

- Capacity
 - 2018 daily traffic = 25,000 vehicles
 - 2018 volume to capacity = 1.4
 - 2045 daily traffic = 32,000 vehicles
 - 2045 volume to capacity = 1.8
- Safety
 - 195 crashes in 5-years
 - 3 fatalities, 187 injuries
 - Crashes per year nearly doubled
 - 28 in 2013
 - 55 in 2017



Planning Consistency

- Included in MetroPlan Orlando Long Range Transportation Plan and Transportation Improvement Program
- Included in Osceola County's Comprehensive Plan and Capital Improvement Plan

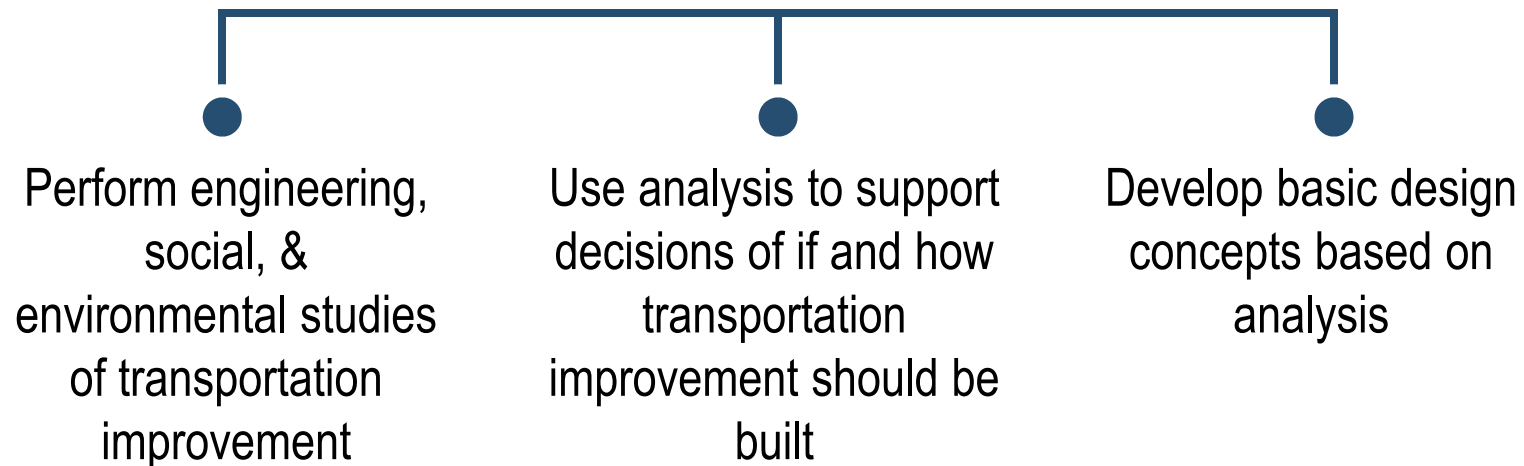


◆ Neptune Road Improvements from Partin Settlement Road to US 192



PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY

NEPTUNE ROAD *PD&E Study Process*



No-Build Alternative

Advantages:

- No additional environmental effects
- No additional right-of-way required
- No relocations
- No funding spent on right-of-way or construction



No-Build Alternative

Disadvantages:

- Does not meet the project's purpose and need
- No relief to increasing traffic demands in the area
- No improvements to safety
- No improvements for bicyclist and pedestrians



Build Alternatives

Options Considered

- ◆ Neptune Road Improvements from Partin Settlement Road to US 192



Partin Settlement Road to Ames Haven Road

Alternative 1



Alternative 1 (North)
Widening occurs primarily to the north.

Alternative 2



Alternative 2 (South)
Widening occurs primarily to the south and requires relocation of power poles to the north side of Neptune Road.

◆ Neptune Road Improvements from Partin Settlement Road to US 192



Partin Settlement Road to Ames Haven Road

Alternative 1 (North)
Widening occurs primarily to the north.



Alternative 1, with adjustments to reduce impacts, is the Preferred Alternative

- Both Build Alternatives have similar environmental effects
- Fewer relocations
- Lower construction cost
- Lower right-of-way costs

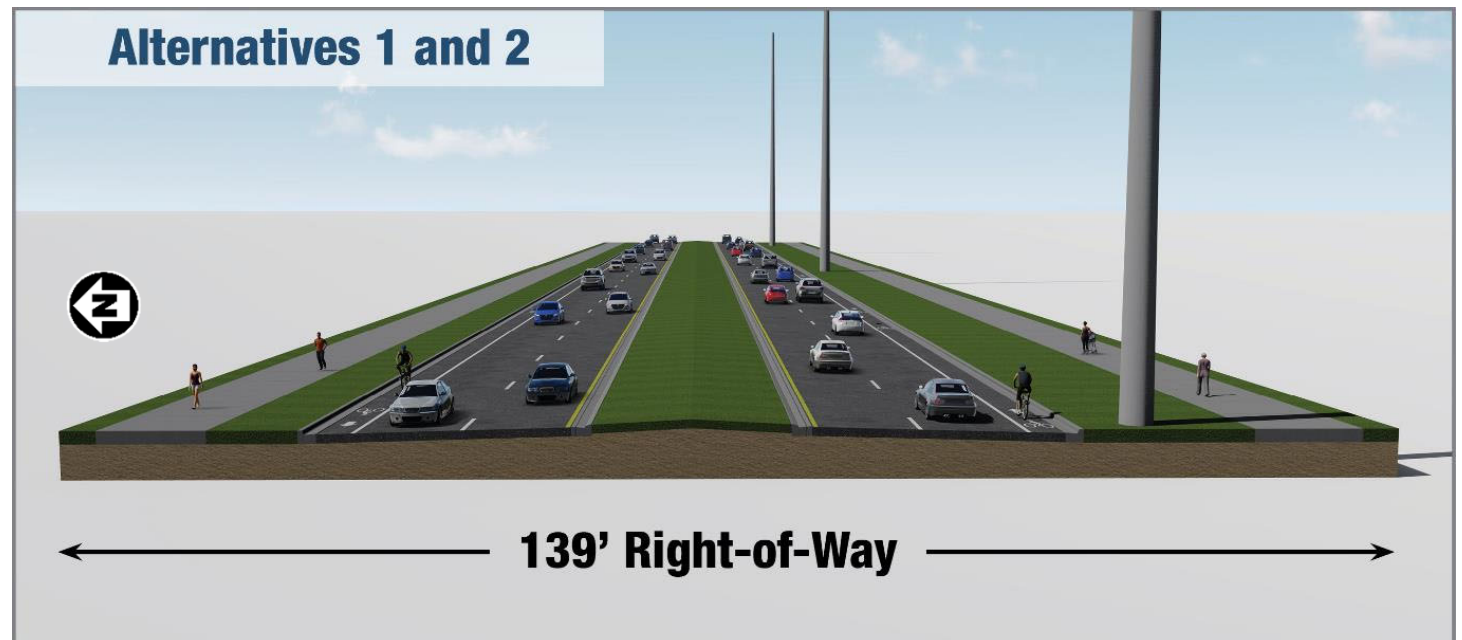


Ames Haven Road to Old Canoe Creek Road

Alternative 1 (North) & Alternative 2 (South)

From Ames Haven Road to just east of the Turnpike, widening occurs on both sides of the road.

From east of the Turnpike to Old Canoe Creek Road, widening occurs to the south.



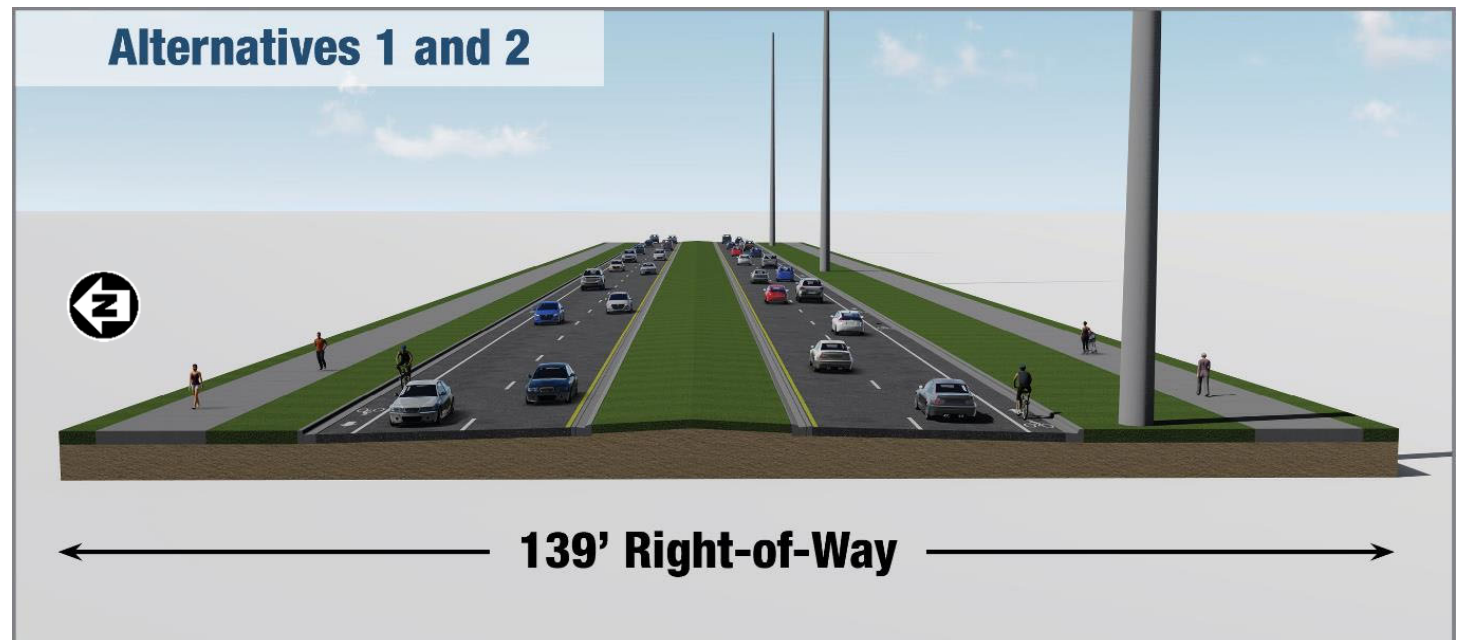
Ames Haven Road to Old Canoe Creek Road

Alternative 1, with adjustments to reduce impacts, is the Preferred Alternative

Alternative 1 (North) & Alternative 2 (South)

From Ames Haven Road to just east of the Turnpike, widening occurs on both sides of the road.

From east of the Turnpike to Old Canoe Creek Road, widening occurs to the south.



Old Canoe Creek Road to US 192

Alternative A (4-lane)
Improvement is constructed within the existing right-of-way.



Alternative B (5-lane)
Improvement includes center two-way left-turn lane and requires additional right-of-way from the north side of Neptune Road.



Old Canoe Creek Road to US 192

Alternative B, with adjustments to reduce impacts, is the Preferred Alternative

- Provides better traffic operations

Alternative B (5-lane)
Improvement includes center two-way left-turn lane and requires additional right-of-way from the north side of Neptune Road.



Access Management

Partin Settlement Road to Old Canoe Creek Road

- **Access Management Classification 5**

- Full median opening allowed with 0.25-mile spacing
- Directional median opening allowed with 660 feet of spacing

- **Full median openings at all existing intersections except:**

- Sugar Cane Drive (directional)
- G&H Drive (right-in/right-out)
- Sunnyside Avenue (right-in/right-out)
- Middle School East Drive (right-in/right-out)
- St. Cloud Police Station (emergency full, right-in/right-out if Station moves)
- Shopping center driveway opposite Franklin St. (right-in/right-out)

Directional median openings allow for:

- Right-in
- Right-out
- Left-in

Left-out is not permitted



Access Management

Old Canoe Creek Road to US 192

- **Access Management Classification 7**
 - Full median opening allowed with 0.125-mile spacing
 - Directional median opening allowed with 330 feet of spacing
- **No change anticipated to existing access**



Environmental Considerations

- Potential impacts to the environment were considered for each alternative
- These include impacts to the natural environment and cultural resources and physical impacts such as noise, air, and contamination.



Wetlands and Floodplains

- Within the study area, impacts to wetlands and surface waters are anticipated to occur for all proposed build alternatives because the wetland and surface water systems in most cases extend to the existing road ROW.

Type	Alt 1	Alt 2	Alt A	Alt B
Surface Water	2.23 acres	2.41 acres	0.03 acres	0.05 acres
Wetland	2.57 acres	3.07 acres	0.00 acres	0.00 acres
Total	4.80 acres	5.48 acres	0.03 acres	0.05 acres

- Flood zones AE and A are within study area. Impacts ranged from approximately 11 acres to 14 acres.

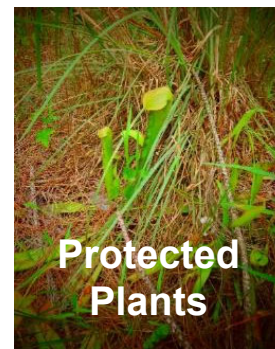


Wildlife and Habitat

- The proposed project may affect, but is not likely to adversely affect the



- Additionally, no adverse effect is anticipated for the



Wildlife and Habitat

To minimize impacts to protected species:

- Protection measures for the Eastern Indigo Snake
- Eagle nest monitoring and coordination
- Pre-construction surveys for:
 - Florida Sandhill Crane
 - Southeastern American Kestrel
 - Florida Burrowing Owl
 - Gopher Tortoises
- Garbage and food debris will be properly removed to eliminate sources that could attract bears



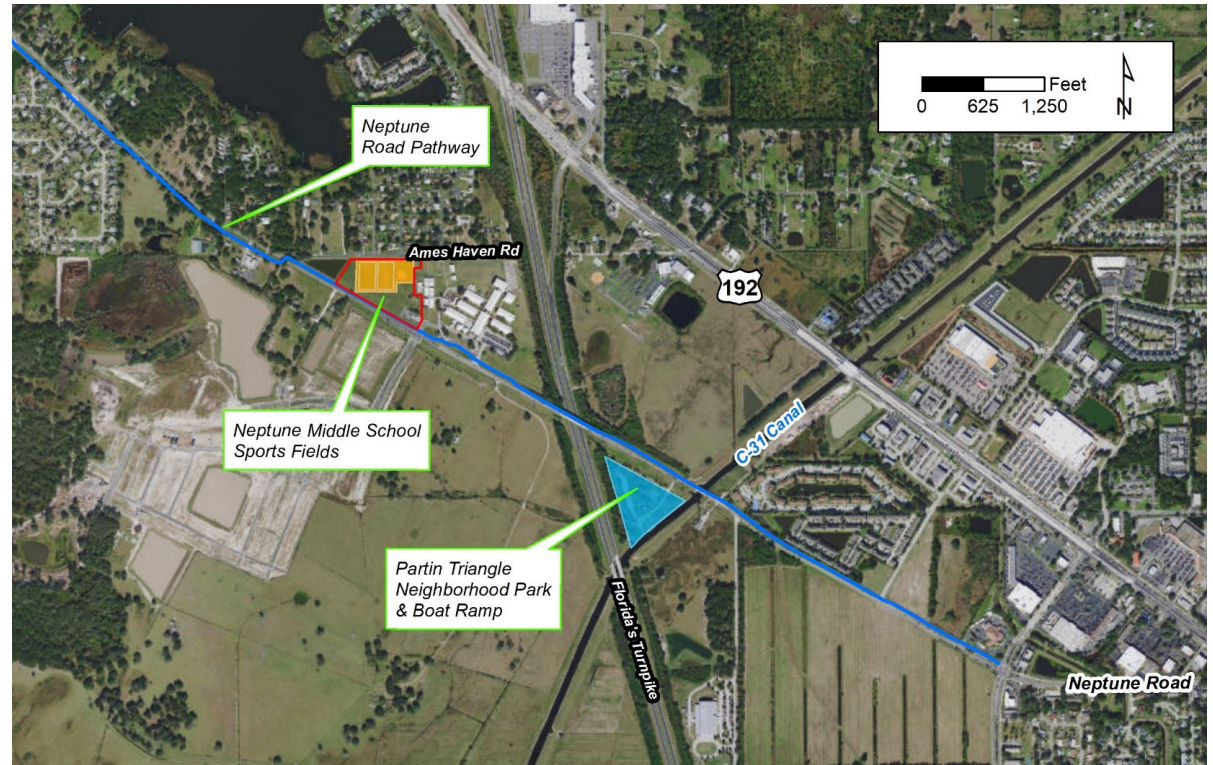
Social and Cultural Effects

- No significant impact to social, economic, land use, mobility, aesthetic effects, or farmlands
- Nine (9) potential residential relocations
- The proposed project will enhance:
 - Emergency response
 - Mobility
 - Safety
 - Connectivity among Kissimmee, St. Cloud and NeoCity



Section 4(f) – Parks and Recreation

- Neptune Road Pathway
 - Effect is relocation of the trail within the roadway right-of-way
 - Determination is “Exception”
- Partin Triangle Park
 - Effect is no right-of-way is required to construct the recommended preferred alternative
 - Determination is “No-Use”
- Neptune Middle School Sports Fields
 - Effect is 0.46 acres of additional right-of-way will be acquired from the Neptune Middle School Sports Fields parcel
 - Proposed determination is “de minimis Section 4(f)”



Noise

- Evaluation completed in accordance with FDOT requirements
- Noise sensitive areas identified and evaluated
 - Noise barriers adjacent to Battaglia Townhomes may meet federal and state criteria and will be reevaluated during design



Cultural Resources Assessment Survey

- Evaluated study area for potential archaeological or historic resources
- No eligible archaeological sites were identified in the study area
- St. Cloud Canal was identified as eligible for listing in the National Register of Historic Places
- The State Historic Preservation Officer concurred that the proposed improvements to Neptune Road will have no adverse effect on any historic resources



Air Quality

- Evaluation completed in accordance with FDOT requirements
- No significant air quality impacts anticipated
- Project will improve traffic conditions and reduce delay and congestion
- Project meets the air quality standards established by the U.S. Environmental Protection Agency



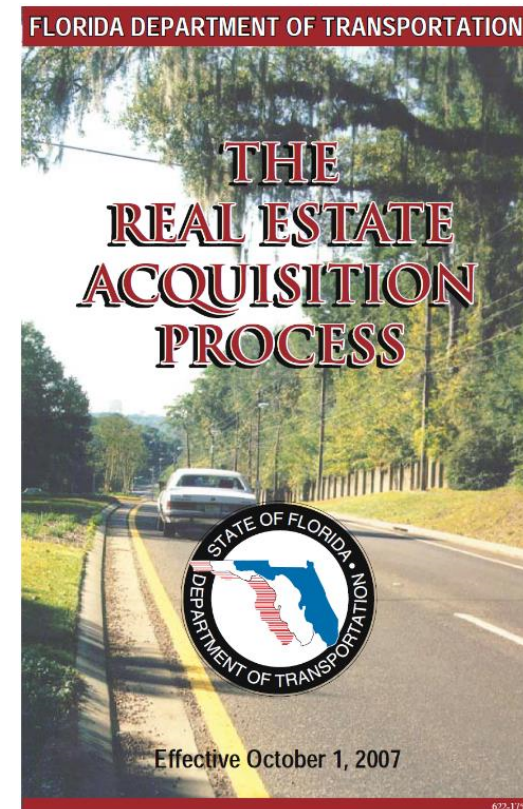
Contamination

- Minimal contamination
- 24 sites were identified
 - 3 medium risk
 - 0 high risk
- During the design phase, Level II assessments have been recommended in four areas
- Any required remediation will be conducted prior to construction



Right-of-Way Acquisition

- Right of way needs will be determined during final design
 - Estimated – approximately 17 acres for roadway improvements
 - Estimated – approximately 13 acres for stormwater ponds (locations to be finalized in design)

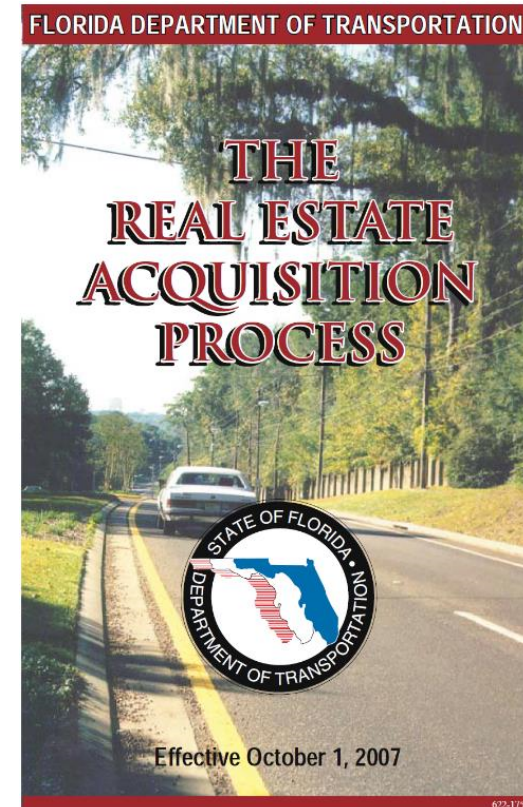


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Right-of-Way Questions

- Osceola County's Right of Way staff are available to discuss the acquisition process and we have a video
- Sally Myers
 - Sally.Myers@Osceola.org
 - (407) 742-0502 (office)
 - (863)-409-7621 (cell)



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Preferred Alternatives Cost Matrix

Cost Element	Amount
Construction Cost Projection	\$ 35,862,000
Engineering & Construction Inspection	\$ 7,172,000
Subtotal of Construction Costs	\$43,034,000
Right-of-Way Cost Projection	\$18,236,000
Total Program Cost	\$61,270,000



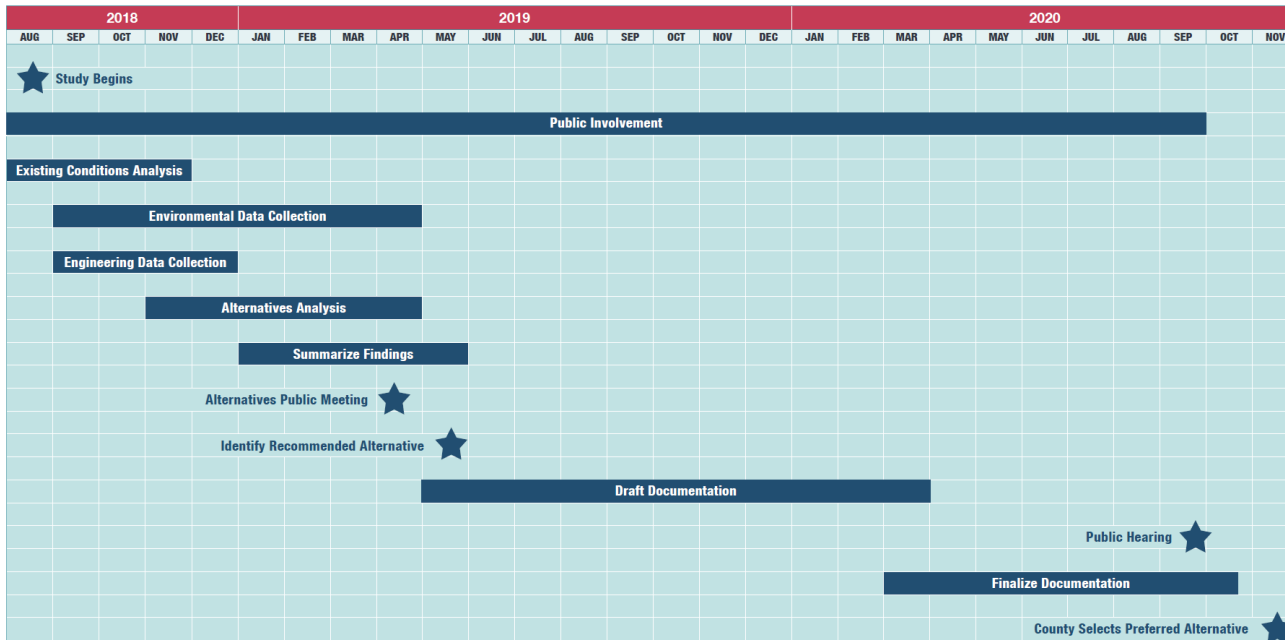
Opportunities for Comments

- Speaker Cards to make a Statement
- Written Comments tonight
- Written Comments within 10 days (by October 8, 2020) to:

Joshua DeVries, AICP
Director of Planning/Senior Planner
Department of Transportation and Transit
Osceola County Government
1 Courthouse Square, Suite 3100
Kissimmee, FL 34741



Next Steps



- Consider public input from this hearing
- Revise study documents
- Decision by the Osceola County Board of County Commissioners
- Submit to FDOT Office of Environmental Management for location and design concept acceptance



Comments and Project Documents

Comments can be submitted through October 8, 2020 to become a part of the public record for this hearing by submitting written comments to Joshua DeVries.

Joshua.DeVries@Osceola.org or
Joshua DeVries
Transportation and Transit
1 Courthouse Square, Suite 3100
Kissimmee, FL 34741

Project documents are available for public viewing on the project website: www.ImproveNeptuneRoad.com





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