

FDOT

Hillsborough TPO Committees Presentation

January & February 2024

Gibsonton Drive Project Development & Environment (PD&E) Study

From Fern Hill Drive to US 301
WPI Segment No. 450438-1



GIBSONTON DRIVE
PROJECT DEVELOPMENT & ENVIRONMENT STUDY



1

1


FDOT

Project Location and Study Area Map


Gibsonton Drive Fern Hill Drive to US 301
– Approximately 0.95 miles

- Existing 4-lane divided facility
- Existing right of way varies throughout the corridor from 125 feet to generally 150 feet

Existing Typical Section




GIBSONTON DRIVE
PROJECT DEVELOPMENT & ENVIRONMENT STUDY




2

2




Project Purpose and Need


- This project is needed to:
 - Accommodate traffic volumes for the future year (2045) and to accommodate projected traffic flows from the proposed reconstruction of the I-75/Gibsonston Drive interchange.
 - This segment experiences crash rates higher than the statewide average for similar facilities (910 crashes from 2018-2022).
- The project will also provide improved mobility for pedestrians and bicyclists along Gibsonston Drive.



GIBSONTON DRIVE
 PROJECT DEVELOPMENT & ENVIRONMENT STUDY



3




Consistency with Long Range Transportation Plan

Hillsborough County Cost Feasible Major Roadway Projects for 2025-2045 (in Millions PDC)


Map ID	Facility	Description	Existing Conditions	Proposed Conditions	Length (Miles)	Project Costs (PDC-2019)			Notes	
						Design	ROW	CTF		
L-1	State Ave from US 301 to Williams Rd	New Road	0	20	2.60	\$7.05	\$11.51	\$17.05	\$7.65	
L-2	Gibsonston Dr from I-75 to US 301	Add 2 lanes	40	60	1.90	\$4.76	\$15.87	\$17.71	\$52.35	with Safety Benefits
L-4	Lutz Lake Farm Rd from Suncoast Expwy to Dale Mabry Hwy	Add 2 lanes	20	40	3.42	\$5.88	\$55.27	\$12.54	\$15.69	
L-16	79th Ave NE from US 41 to US 301	Add 2 lanes	20	40	6.08	\$5.67	\$22.22	\$33.44	\$72.33	Wildlife Corridor
Totals						\$12.51	\$78.02	\$350.04	\$277.57	

Additional Local High-Congestion Roadway Candidates for Cost-Feasibility (in Millions PDC)


Map ID	Facility	Description	Existing Conditions	Proposed Conditions	Length (Miles)	Cost (Millions PDC)
L-2	Beane Ave from I-275 to Bruce B Downs Blvd	Add 2 lanes	40	60	2.08	
L-7	Wilroy Blvd from Hedberg Rd to Linderburg Ave	Add 2 lanes	20	40	1.18	
L-8	Anderson Rd from Sign Ave to Linderburg Ave	Add 2 lanes	40	60	2.12	
L-9	Memorial way from Independence Pkwy to Hillsborough Ave	Add 2 lanes	40	60	1.88	
L-10	Palmetto Ave from 30th St to Hillsborough Rd	Add 2 lanes	40	60	4.28	
L-11	Anderson Rd from Hillsborough Ave to Hoover Blvd	Add 2 lanes	20	20	1.01	
L-12	Woodberry Rd from Grand Regency Blvd to Lakeswood Dr	Add 2 lanes	20	40	0.98	
L-14	Charlie Taylor Rd from I-4 to Kingsley Griffin Rd	Add 1 Lane	20	30	3.69	
L-15	Hempel Rd from US 91 to I-4	Add 2 lanes	40	60	0.46	
L-16	Hempel Rd from I-4 to Sign Ave	Add 2 lanes	20	60	0.35	
L-17	Hempel Rd from US 301 to HFL Blvd	Add 2 lanes	20	40	1.40	
L-19	Symmes Rd from US 301 to US 41	Add 2 lanes	20	40	3.24	
L-20	Salem Rd from Central Expy Blvd to US 301	Add 2 lanes	20	40	1.48	
L-21	Lumadine Rd from Littlewood Rd to Kings Ave	Add 2 lanes	40	60	1.48	
L-22	San Alvar Rd from Frank Rd to Wilcox Rd	Add 2 lanes	20	40	0.16	
L-23	Flintlock Blvd from E of Bell Shagin Rd to Littlewood Rd	Add 2 lanes	20	40	0.16	
L-24	Sign Ave from Central Ave to Dale Mabry Hwy	Rightway 4 to 3 lanes	40	20	2.27	
Total						




Adopted November 5, 2019



GIBSONTON DRIVE
 PROJECT DEVELOPMENT & ENVIRONMENT STUDY

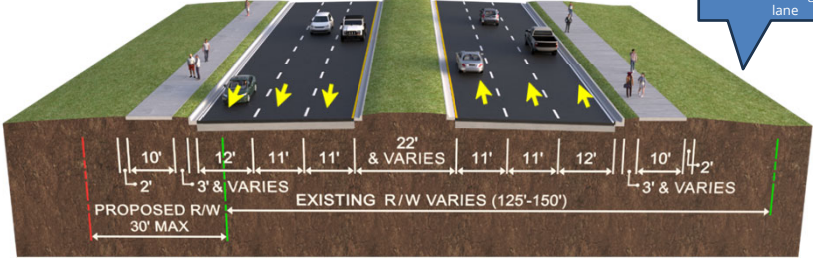


4




Preferred Build Alternative Typical Section (Looking East)


Additional 0-7' of ROW needed just west of US 301 for additional right turn lane




- 10-foot sidewalks will be constructed on both sides of Gibsonton Drive, replacing the 5-foot sidewalks with the project limits
- The wider sidewalks will enhance mobility along Gibsonton Drive
- Proposed stormwater and floodplain compensation needs
 - 1 new off-site stormwater management site
 - 1 new off-site floodplain compensation site



GIBSONTON DRIVE
 PROJECT DEVELOPMENT & ENVIRONMENT STUDY








5




Environmental Effects

NATURAL RESOURCES	CULTURAL RESOURCES	SOCIAL ENVIRONMENT	PHYSICAL ENVIRONMENT
<ul style="list-style-type: none"> • Wetlands & Surface Waters • Protected Species and Habitat 	<ul style="list-style-type: none"> • Archaeological & Historic Resources • Section 4(f) resources 	<ul style="list-style-type: none"> • Community Impacts (i.e., Relocations) 	<ul style="list-style-type: none"> • Noise • Contamination









GIBSONTON DRIVE
 PROJECT DEVELOPMENT & ENVIRONMENT STUDY




6




Right of Way Impacts

Additional right-of-way for Preferred Build Alternative


- Combination of partial and full parcel acquisitions
 - 18 partial parcels for Gibsonton Drive roadway widening (0.95 acres total)
 - 2 full parcels for stormwater / floodplain compensation sites (3.19 acres total)
 - 3 potential residential relocations
 - 1 potential business relocation



GIBSONTON DRIVE
PROJECT DEVELOPMENT & ENVIRONMENT STUDY



7



Evaluation Matrix


Evaluation Criteria	No-Build Alternative	Preferred Alternative
Potential Business/Residential Impacts		
Number of business relocations	0	1
Number of residential relocations	0	3
Potential ROW Impacts		
Number of affected parcels	0	20
Area of ROW anticipated to be acquired for road widening (acres)	0	0.95
Area of ROW anticipated to be acquired for Stormwater Pond and Floodplain Compensation Site (acres)	0	3.19
Potential Environmental Effects		
Archaeological/Historical Resources	0	0
Section 4(f) sites	0	0
Noise impacted receptors	0	12
Wetlands that are not Other Surface Waters (acres)	0	0.17
Protected Species Involvement	None	Low
Petroleum and hazardous material sites (risk ranking)	None	0 (High) 6 (Medium)

Estimated Project Costs


Estimated Costs (Present Day Costs in \$ Million rounded up to nearest \$0.1 Million)	Total Project
Design (10% of construction)	\$2.4
Right of Way Gibsonton Drive Roadway Widening	\$6.7
Right of Way for Stormwater Pond and Floodplain Compensation Site	\$3.2
Wetlands Mitigation for Wetland impacts that are not other surface waters (0.17 acres)	\$0.1
Construction Inspection (10% of construction)	\$2.4
Construction Cost ¹	\$23.5
Total Project Estimated Costs	\$38.3¹

¹ Construction Cost estimate prepared December 2023

Overall preliminary cost
Design, Right-of-Way, Construction
~ **\$38.3 million**
in today's dollars



GIBSONTON DRIVE
PROJECT DEVELOPMENT & ENVIRONMENT STUDY



8



9

FDOT

Public Hearing

Tuesday February 20, 2024 from 5:30-7:30 p.m.
Formal portion starts at 6:30 p.m.

In-Person Session
Riverview Public Library
9951 Balm Riverview Road
Riverview, FL 33569

Virtual Session
Register for GotoWebinar on Project Website
www.fdotd7studies.com/projects/gibson-ton-dr-fern-hill-to-us301/

QR Code for Project Website

Comments received by March 1, 2024 will become part of the public hearing record

Draft documents will be available from January 29, 2024 to March 1, 2024 at Riverview Public Library, FDOT District 7 and on project website


GIBSONTON DRIVE
PROJECT DEVELOPMENT & ENVIRONMENT STUDY

10

FDOT


Project Information

Project Website
www.fdotd7studies.com/projects/gibson-ton-dr-fern-hill-to-us301/



QR Code for Project Website

Or contact the FDOT Project Manager
Ashley Henzel, P.E.
ashley.henzel@dot.state.fl.us
 (813) 975-6433

FDOT
GIBSONTON DRIVE
PROJECT DEVELOPMENT & ENVIRONMENT STUDY
 Hillsborough County Florida

11

11

FDOT

Thank you!



Remember to be Alert Today, Alive Tomorrow.
 Safety doesn't happen by accident.

FDOT
GIBSONTON DRIVE
PROJECT DEVELOPMENT & ENVIRONMENT STUDY
 Hillsborough County Florida

12

12