West Columbus Drive

CGN 6933 Sustainable Transportation
Agenda

- Corridor Overview
- Existing Conditions
- Group Presentations
West Columbus Drive

Go to Google Earth!
Corridor ROWs

ROW (feet) 130 125 85 75 60 85 65 60 70 70 65

Columbus Dr
Dale Mabry Hwy
Himes Ave
Lincoln Ave
Mac Dill Ave
Cemetery
Habana Ave
Armenia Ave
Howard Ave
Old West Tampa

Northeast MacFarlane
Group 1

- Crash Data
Total Crashes by Year

Number of crashes by year

- Total: 637
- 2013: 83
- 2014: 103
- 2015: 116
- 2016: 117
- 2017: 218
Total Crash Summary

Total Crashes = 637

Fatal Crashes = 1 (0.2%)

Injury Crashes = 145 (22.8%) (34 Serious) (5.3%)

Bike/Ped = 6 (0.9%) (3 Serious) (0.5%)

Bike/Ped Involved = 1 (0.2%)

PDO = 491 (77.1%)

Bike/Ped = 5 (0.8%)
Total Crashes by Intersection

Fatality (3 persons) W Columbus Dr and Mantanzas Ave
Speeding Vehicle Hit Fixed Object on Wrong Side of Road at Night
Total Crashes by Intersection

- Dale Mabry: 215
- Himes: 76
- Glen Ave: 11
- Lincoln Ave: 26
- St. Vincent: 18
- Matanzas Ave: 18
- Macdill Ave: 51
- Gomez Ave: 12
- Habana Ave: 35
- St. Peter Ave: 8
- Armenia Ave: 0
- Howard Ave: 41
- Albany Ave: 16
- fremont Ave: 32
- Rome Ave: 12
- Riverside DR: 6
Ped & Bike Crash Summary

Total of 11 Ped & Bike Crashes from 2013 to 2017

Crashes by Type

- Pedestrian: 8
- Bike: 3

Crashes by Time of Day

- Night Time (5:00 PM - 6:00 AM): 4
- Day Time (6:00 AM to 6:00 PM): 7
Ped & Bike Crashes by Intersection
Total Crashes by Collision Type & Top Causes

3 Top Crash Causes:

- 26% for Aging Driver
- 15% for Aggressive Driving
- 6% for Night Time Driving

% of Total Crashes

- Aging Driver: 15%
- Aggressive Driving: 26%
- Night Time Driving: 9%
- All Other Causes: 6%
Behavioral Cause of Crashes

- Drove Too Fast for Conditions: 16
- Operated MV in Careless or Negligent Manner: 116
- Failed to Keep in Proper Lane: 25
- Ran Stop Sign: 11
- Ran Red Light: 44
- Followed to Closely: 69
- Failed to Yield Right of Way: 110
Total Crashes by Time of Day

- Day Light: 456
- Dark Light: 154
- Dusk: Unknown
- Dawn: Unknown
Total Crashes by Time of Day and Driver Details

Day Light
- Total Crashes: 118
- Dark Light: 20
- Impaired: 27
- Aging Driver: 6
- Teen Driver: 41

Dark Light
- Total Crashes: 54
- Dark Light: 13
- Impaired: 54
- Aging Driver: 98
- Teen Driver: 41

Total Crashes
- Total Crashes: 140
- Dark Light: 120
- Day Light: 20
- Impaired: 27
- Aging Driver: 118
- Teen Driver: 54
Group 2

- Traffic Counts
- Speed Limits
Average Annual Daily Traffic Counts

- Count Station ID 327960: Between Dale Mabry and Himes
  - FDOT
    - 2013: 25,500
    - 2015: 25,500
    - 2016: 25,500
  - Hillsborough County
    - 2014: 25,470
Average Annual Daily Traffic Counts

- Count Station ID 323430: Intersection of Columbus Dr and Glen Ave
- Hillsborough County
  - 2015: 26,052
Average Annual Daily Traffic Counts

- Count Station ID 323450: Intersection of Columbus Dr and Tampania Ave
- Hillsborough County
  - 2015: 21,500
Speed Limits

Legend
- 25 MPH
- 30 MPH
- 35 MPH
- 40 MPH
- 45 MPH
- 50 MPH
- 55-65 MPH
Group 3

- Land Use
- ADA Ramps
- Cultural Landmarks
EXISTING CONDITIONS

LAND USE:

The following map depicts the various zoning classifications for properties along West Columbus Drive using a color-coded map which is sourced from the City of Tampa (Source: www.tampagov.net).

In total, there are 5 zones that are present in West Columbus Drive, including:

<table>
<thead>
<tr>
<th>ZONING CLASS</th>
<th>ZONING DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI</td>
<td>Commercial Intensive</td>
</tr>
<tr>
<td>PD</td>
<td>Planned Development</td>
</tr>
<tr>
<td>CG</td>
<td>Commercial General</td>
</tr>
<tr>
<td>RM-16</td>
<td>Residential Multi-Family</td>
</tr>
<tr>
<td>RS-50</td>
<td>Residential Single-Family</td>
</tr>
</tbody>
</table>
EXISTING CONDITIONS

- **CI**: Provide areas for intense commercial activity, permitting heavy commercial and service uses.
- **PD**: This allows the development of land uses that are in conformance with adopted future land use element of the Tampa Comprehensive plan while encouraging maximum land development opportunities and developments.
- **CG**: This provides areas where a variety of retail and commercial service activities can be conducted compatible with surrounding uses and residential districts.
- **RM-16**: Provides primarily for low-medium density residential uses for single family and two family developments.
- **RS-50**: Provides areas for primarily low density single family detached dwellings.
ADA Infrastructure

- 6 Ramps
- 2 Ramps
- 2 Ramps
ADA Infrastructure

2 Ramps
ADA Infrastructure

4 Ramps
ADA Infrastructure

4 Ramps
ADA Infrastructure
ADA Infrastructure

4 Ramps

4 Ramps
There are a few cultural landmarks that cannot be altered for the purpose of designing. These include:

- Marti Cemetery
- Anointed Word Church
- Tampa Parks and Recreation Department
- Interim Healthcare of Tampa
Group 4

- Bus Stops
- Driveways
- Signs & Signals
Existing Conditions: Bus Stops

- HART Route 15 (runs east-west along W Columbus Drive).
  - Weekdays 6 am to 10 pm with 30 minute headways
  - Weekends 6 am to 10 pm with 60 minute headways
Existing Conditions: Bus Stops

- Lack basic comforts/amenities
  - i.e., Lincoln Ave to MacDill Ave
Existing Conditions: Bus Stops

Habana Ave and Tampania Ave

Tampania Ave
Existing Conditions: Signs
Existing Conditions: Marking And Signs

Textured Crosswalk @ N Himes Ave – W Columbus Dr

Blocked View
Existing Conditions: Intersections

There are 10 intersection on W Columbus Dr
Existing Conditions: Driveways

There are approximately 60 driveways on the W Columbus Drive