

Road Bond Downtown Improvements



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City Engineer

Downtown Project Location Map



Funding Summary:

- State Appropriation: \$1.3 million Road Reconstruction for Venice Avenue/ADA Upgrades
- MPO Funds – Pedestrian Improvements – Lighted Crosswalks, textured pavement, ADA Upgrades and Advance Pedestrian Warning - \$778,723
- Bond Funds – \$4 million Downtown Roads Reconstruction
- 1 Cent Sales Tax - \$921,000 (Landscaping, lighting, corridor upgrades/modifications)

Downtown Scope of Work

- Multi-Phase Project Options:
- Reconstruction of Roads Downtown
- Replace pavers with stamped, textured crosswalks
- Replace sidewalk/ADA Corners as needed
- Upgrade pedestrian warning/lighted pedestrian crosswalks
- Landscape upgrades/possible reconfiguration.

Signs and Lights:



Smart Crosswalk with motion activated flashing lights (LightGuard)



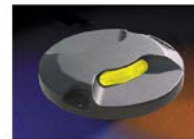
Automatic Motion Sensor



Manual Push Button



TS400 and TS500 Light Fixtures



- Low Profile
- High-Visibility
- Bi-directional Optics
- Selectable Beam Widths



- Anodized Aluminum / Stainless Steel
- Hardened Glass
- Reliable LEDs & Electronics
- Self-cleaning

Discussion Items Identified at 12/10/2016 Council Meeting:

Ideas that were mentioned or suggested in previous studies?

- Should W. Venice Avenue be reduced to one lane in each direction with angle parking?
- Should Miami Avenue Downtown be converted to a one-way road with angled parking?
- Should Tampa Avenue downtown be converted to a one-way road with angled parking?
- Should Venice Avenue downtown be converted to a walking mall, closing it to vehicular traffic?
- Should the median on Venice Avenue downtown be narrowed to widen the sidewalk on the south side, which would require removal of the tall Washingtonia palms?
- Other Ideas?

Historic Photos:



1920's



1940's

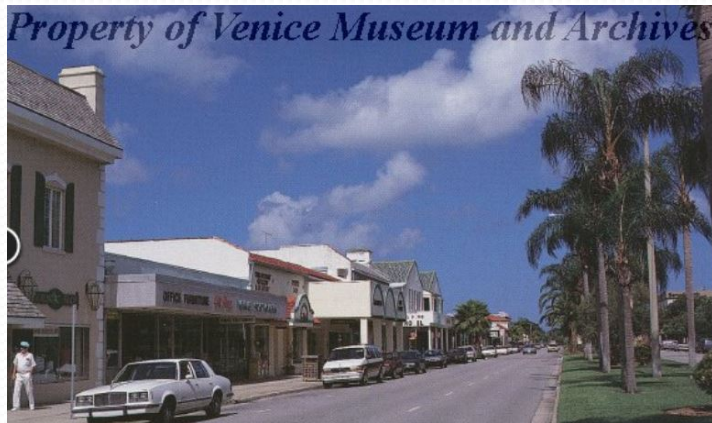


1950's

Historic Photos:



1960's



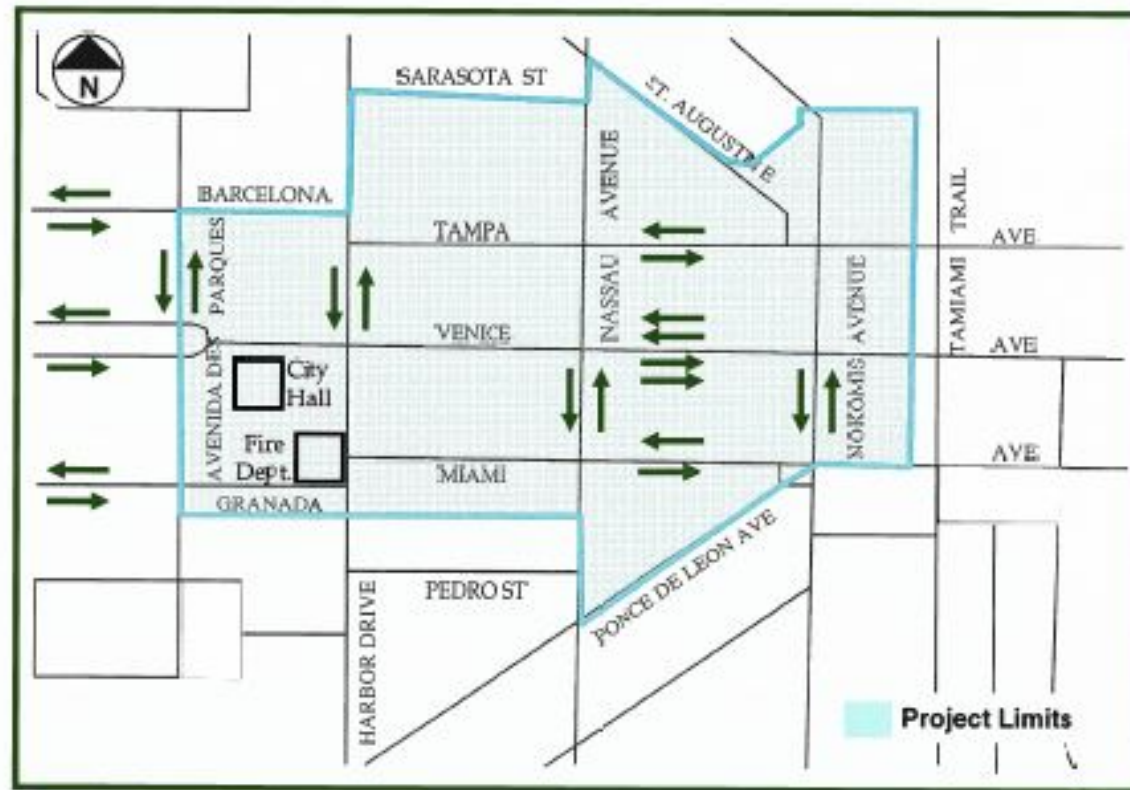
1970's



Today:

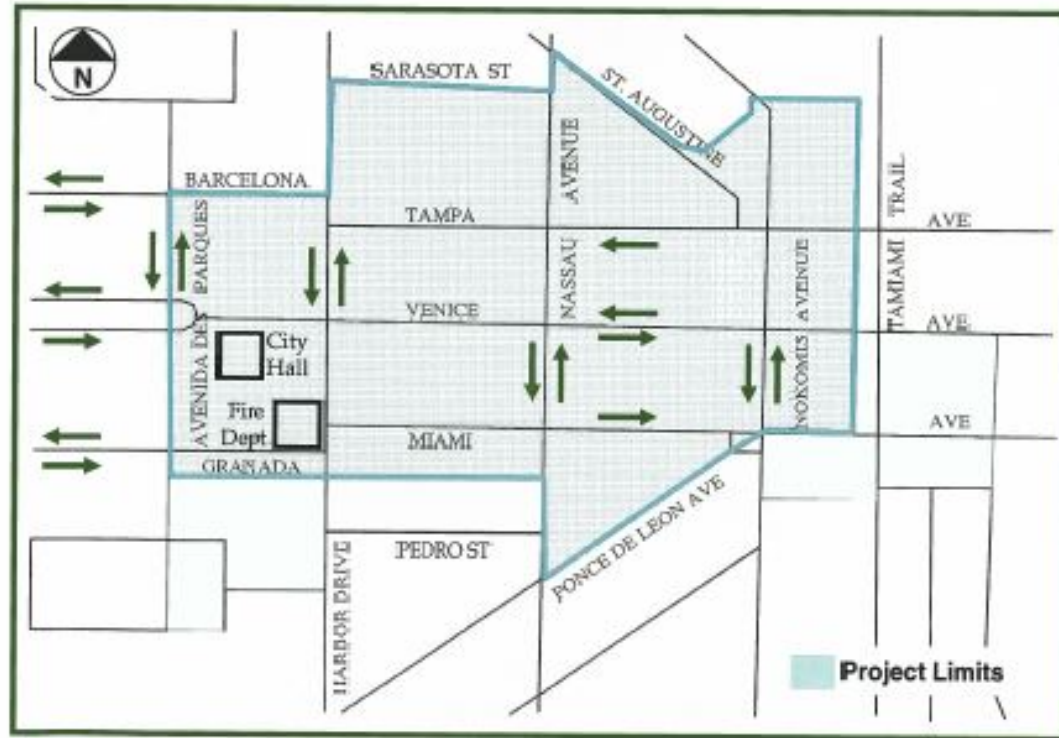


Previous Downtown Study - 2006



Existing Circulation Pattern

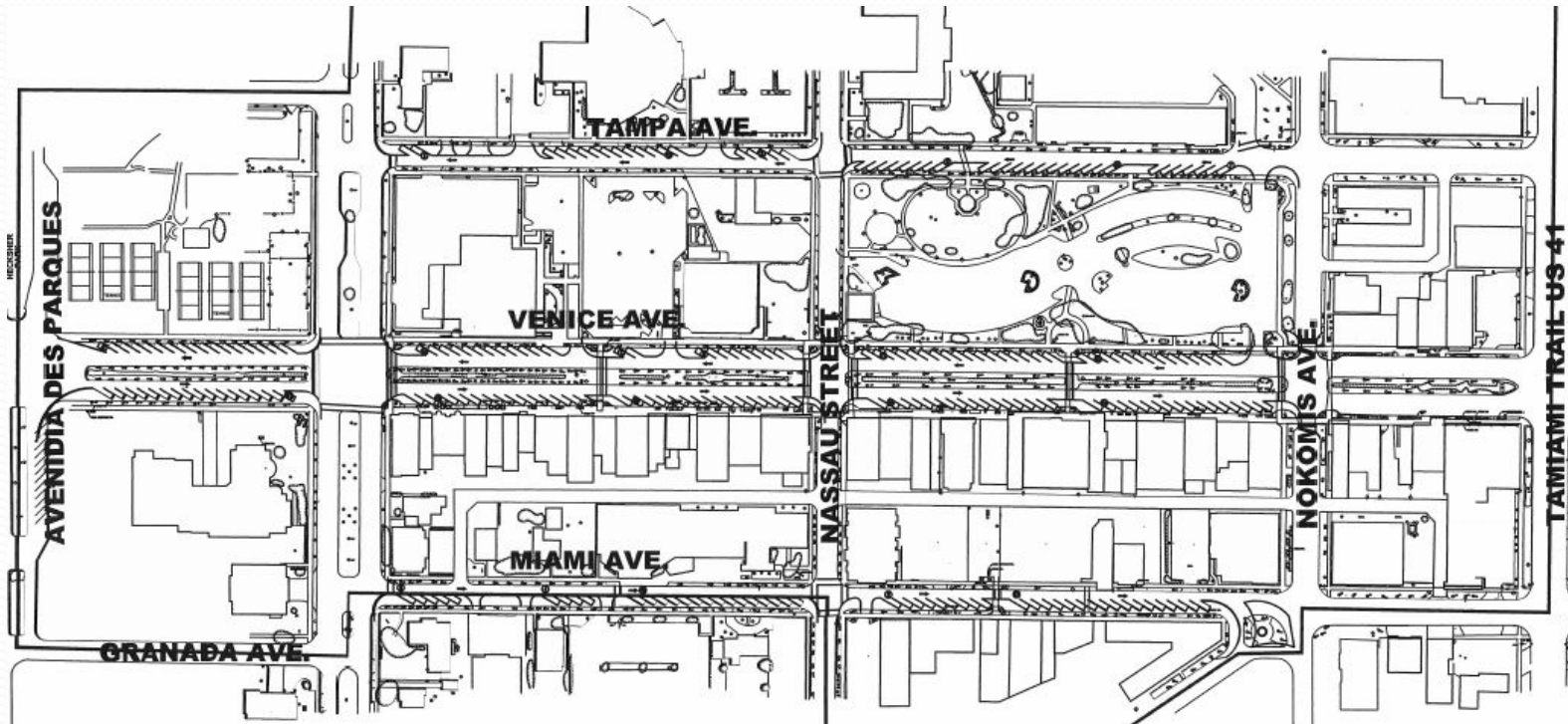
Previous Downtown Study - 2006



Alternative Circulation Pattern

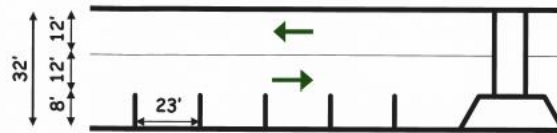
One-way Miami and Tampa, Two-way Venice

Previous Downtown Study - 2006

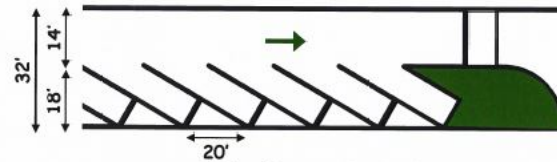


One-way Miami, Tampa and Venice including 400 block

Previous Downtown Study - 2006



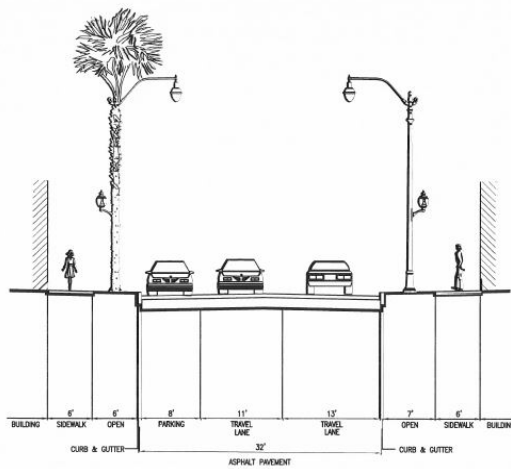
Miami Avenue Existing
Two-Way Travel with Parallel Parking



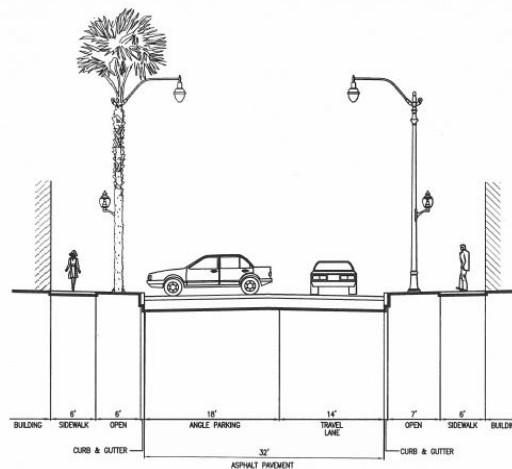
Miami Avenue Alternative
One-Way Travel with Angled Parking

Miami Avenue One-Way Exhibit

Previous Downtown Study - 2006



MIAMI AVENUE - EXISTING CROSS SECTION
PARALLEL PARKING



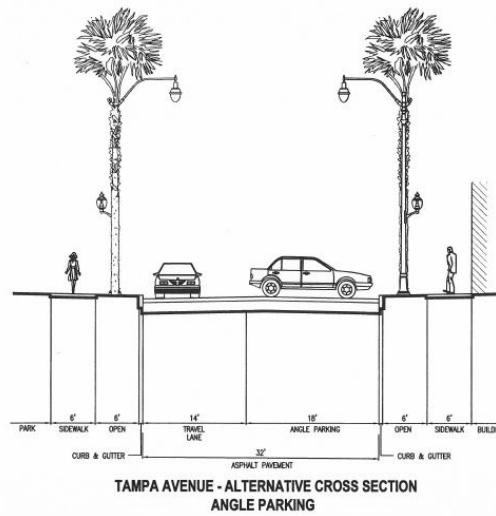
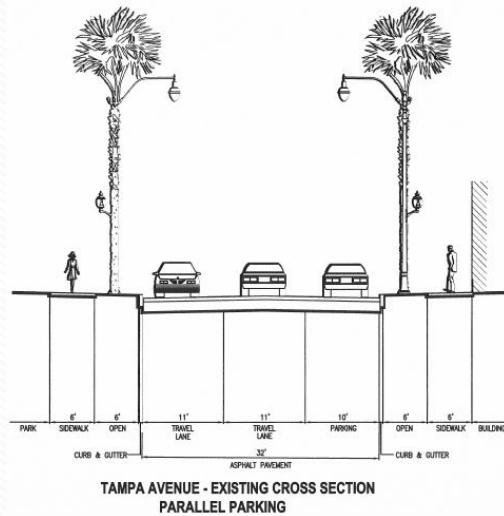
MIAMI AVENUE - ALTERNATIVE CROSS SECTION
ANGLE PARKING



Miami Avenue Cross-Section



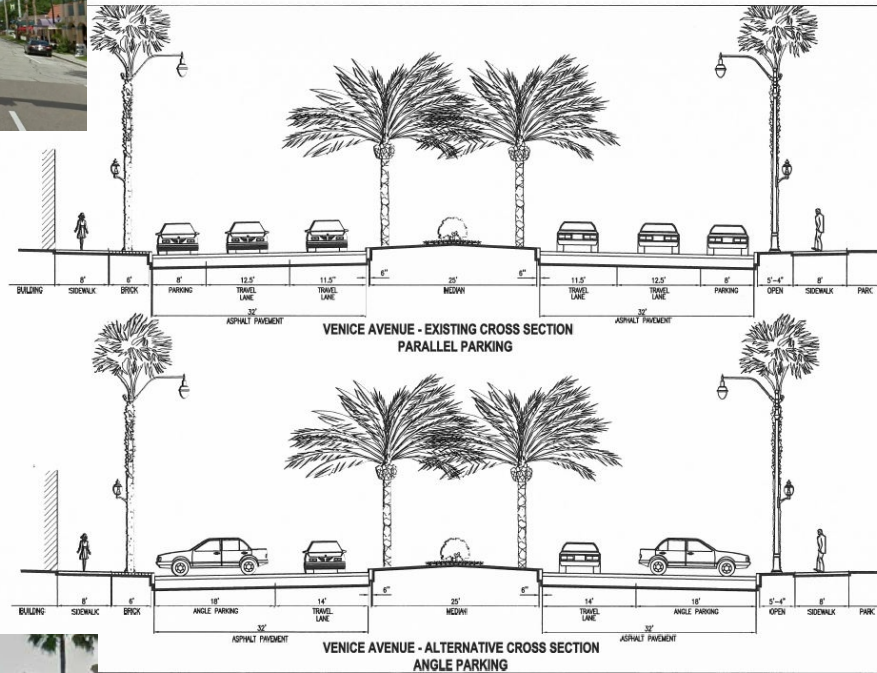
Previous Downtown Study - 2006



Tampa Avenue Cross-Section



Previous Downtown Study - 2006



Venice Avenue Cross-Section



Previous Downtown Study - 2006

Parking Count Summary

Alternative Circulation Options

Option One

Convert Venice Avenue only to two-way with angle parking

Venice Avenue: One lane eastbound and one lane west bound divided by median
Angle parking far north and far south side

Parking Increase: **27 spaces**

Option Two

Convert Tampa Avenue and Miami Avenue to one-way with angle parking

Tampa Avenue: One lane eastbound
Angle parking on the north side

Miami Avenue: One lane westbound
Angle parking on the south side

Parking Increase: **24 spaces**

Option Three

Convert Tampa Avenue, Venice Avenue and Miami Avenue to angle parking

Tampa Avenue: One lane eastbound
Angle parking on the north side

Venice Avenue: One lane eastbound and one lane west bound divided by median
Angle parking far north and far south side

Miami Avenue: One lane westbound
Angle parking on the south side

Parking Increase: **51 spaces**



Survey Results – Agenda Packet will be
updated on 1/10/17 with Survey Results



Questions?