10 YEAR PLAN – TRANSPORTATION NEEDS

- **$276 M** Maintenance & Asset Preservation
  - Improved right-of-way maintenance
  - 210 miles of sidewalk/ADA repair
  - Repair and rehabilitation of 251 bridges
  - 1,100 lane miles of pavement resurfacing

- **$126 M** Safety & Operations
  - 51 signal and intersection projects
  - 37 school safety and sidewalk projects
  - 300,000 feet of New/gap sidewalks
  - Sun City Center golf cart paths

- **$381 M** Congestion Relief
  - 25 traffic management system projects
  - 14 new roads/widening/complete streets projects
LAND USE – TRANSPORTATION CONNECTION

The Quest for the Holy Grail
TRADITIONAL APPROACH

Comprehensive Plan/Community Plans → Long Range Transportation Plan → Capital Improvement Program → PD&E, Design, Construction
NEW APPROACH: **PRELIMINARY LAND-USE ASSESSMENT & TRANSPORTATION**

- Land Use Change, PD&E, Design, Construction
- Comprehensive Plan/Community Plans
- Long Range Transportation Plan
- PLAT Process
- Capital Improvement Program
- Capital Improvement Program
THE 1st PLAT: INNOVATION PLACE SUBAREA STUDY

**STUDY AREA**

**University Area**
- Redevelopment area
- High pedestrian activity
- Auto cut-through traffic

**Growth Potential**
- Stable and safe residential
- Housing alternatives for University & Hospital
- Research and innovation

**Outcomes**
- Multi-modal transportation solutions
- Infrastructure priority
- Infrastructure cost
INNOVATION PLACE SUBAREA STUDY
Understanding the baseline factors

STUDY AREA

DEMOGRAPHICS

- 17 and under: 56%
- 18-24: 31%
- 25-29: 10%
- 30-39
- 40-54
- 55-64
- 65 and over

HILLSBOROUGH COUNTY
TRAVEL PATTERNS

Destination of southbound trips passing through Bruce B. Downs gate
INNOVATION PLACE SUBAREA STUDY

Understanding the baseline factors

TRAVEL PATTERNS

Route choice of southbound trips passing through Bruce B Downs gate that are destined to USF
INNOVATION PLACE SUBAREA STUDY

Understanding the baseline factors

TRAVEL PATTERNS

Southbound trips passing through Bruce B. Downs gate destined to USF with trip distance less than three miles.
INNOVATION PLACE SUBAREA STUDY

Understanding the baseline factors

HIGH CRASH LOCATIONS
IDENTIFIED ISSUES

- Heavy through traffic
- Traffic operations
- Poor lighting
- Lack of pedestrian facilities
- Pedestrian access and safety

Engaged community and agency stakeholders
What we found

OPPORTUNITIES

- 42nd Street enhancements for pedestrian/bicycle orientation
- 46th Street strategies to serve local and through auto travel
- Reverse Bull Runner route to improve rider safety
- Trail connections to serve short distance trips to university
INNOVATION PLACE SUBAREA STUDY

Balancing development pattern & form
INNOVATION PLACE SUBAREA STUDY

42nd Street – Pedestrian orientation

42ND STREET ENHANCEMENTS 55' RIGHT-OF-WAY

MULTI-LANE PATH

TREE WELL

TRAVEL (SB)

TRAVEL (NB)

TREE WELL

MULTI-LANE PATH

PLANTER BED

A × 6 SHADE TREE IN TREE WELL

BUS SHELTER W/ 5' BOARDING AREA

6' LANE

10' LANE

PAVERS

MULTI-LANE PATH

5.5'

6.0'

2.0'

10.0'

10.0'

6.0'

9.5'

11.5'

55.0'

R/W

R/W

R/W

R/W
INNOVATION PLACE SUBAREA STUDY

42nd Street – Pedestrian orientation

Before - Existing Street View

After – Complete Street Treatment
INNOVATION PLACE SUBAREA STUDY

46th Street – Auto orientation

46th STREET with ACCELERATION LANE
PROJECT DEVELOPMENT AND ENVIRONMENTAL STUDY

- Builds on foundational Innovation Place Subarea plan
- PD&E Study will evaluate the network of multiple projects

Project Vision and Goals

To provide enhanced roadway corridors with improved safety, mobility and congestion relief through a context and environmentally sensitive design, which is supported by community and key project stakeholders.
WHAT WE ARE LEARNING

• Every corridor is unique
• Every community is unique
• Different land uses and potential transportation impacts
• Understanding each community is important
• Customizing the solution to fit the community’s needs
OTHER PLAT STUDIES UNDERWAY/PLANNED

- **131st Avenue** – N Nebraska Avenue to Bruce B. Downs
- **Big Bend Road** – U.S. 41 to U.S. 301
- **19th Avenue** – U.S. 41 to U.S. 301
- **Lithia Pinecrest Road** – E Lumsden Road to Adelaide Avenue
- **Gibsonton Drive** – U.S. 41 to U.S. 301