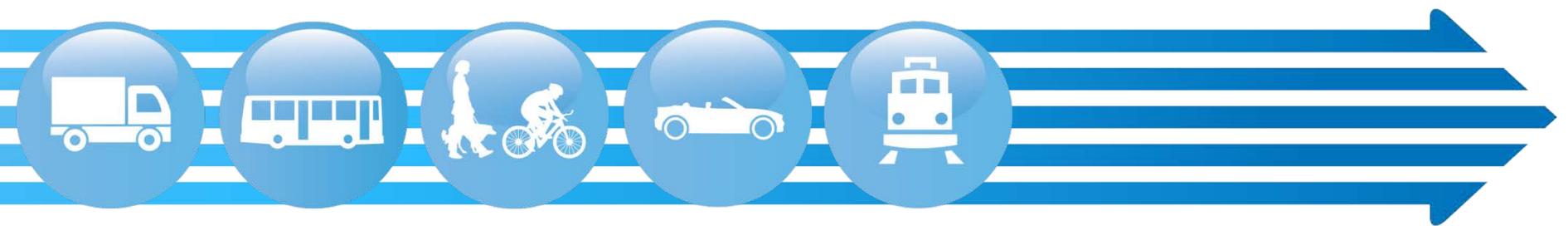


Estero Village Council July 22, 2015



What is the Lee County MPO?



➤ Transportation Policy Making Board



➤ Board includes elected representatives from City of Bonita Springs (2), City of Cape Coral (5), City of Fort Myers (3), Town of Fort Myers Beach (1), City of Sanibel (1), Village of Estero (1) and Lee County Commissioners (5) - soon to officially add the Village of Estero with updated Interlocal agreements through each entity



➤ Based on State and Federal laws, the MPO is responsible for establishing a continuing, cooperative and comprehensive transportation planning process for Lee County



➤ Federal and state **transportation funding** flow through the MPO



What is the Lee County MPO?



- Four staff members
- Funded 95% from federal funds
- Independent – rent space from City of Cape Coral and get services through contracts

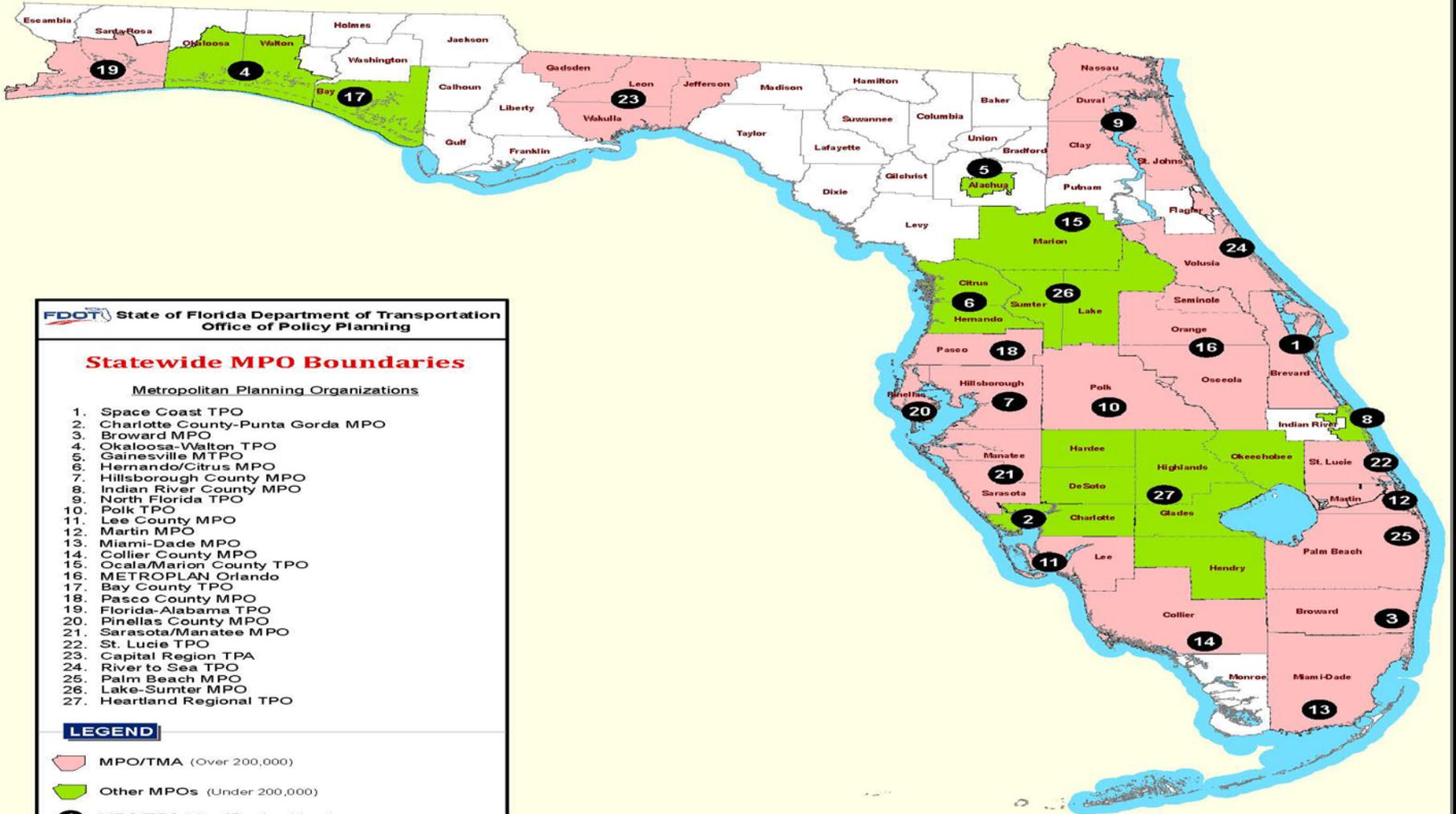
MPO Background



- Federal Aid Highway Act of 1962 required each urbanized area with a population of 50,000 or more to establish as a condition of receiving federal funds
- Lee MPO formed in 1977
- Current Federal Transportation Bill MAP-21 (Moving Ahead for Progress in the 21st Century) approved in 2012 has been extended again though the end of July
- Twenty-seven MPO's in Florida

Metropolitan Planning Organizations and Designated Transportation Management Areas

(As of December 8, 2014)



FDOT State of Florida Department of Transportation
Office of Policy Planning

Statewide MPO Boundaries

Metropolitan Planning Organizations

1. Space Coast TPO
2. Charlotte County-Punta Gorda MPO
3. Broward MPO
4. Okaloosa-Walton TPO
5. Gainesville MPO
6. Hernando/Citrus MPO
7. Hillsborough County MPO
8. Indian River County MPO
9. North Florida TPO
10. Polk TPO
11. Lee County MPO
12. Martin MPO
13. Miami-Dade MPO
14. Collier County MPO
15. Ocala/Marion County TPO
16. METROPLAN Orlando
17. Bay County TPO
18. Pasco County MPO
19. Florida-Alabama TPO
20. Pinellas County MPO
21. Sarasota/Manatee MPO
22. St. Lucie TPO
23. Capital Region TPA
24. River to Sea TPO
25. Palm Beach MPO
26. Lake-Sumter MPO
27. Heartland Regional TPO

LEGEND

- MPO/TMA (Over 200,000)
- Other MPOs (Under 200,000)
- MPO/TPO Identification Number



MPO Committees



➤ Citizens Advisory Committee (CAC)



➤ Technical Advisory Committee (TAC)

➤ Bicycle Pedestrian Coordinating Committee (BPCC)



➤ Traffic Management Operations Committee (TMOC)

➤ Transportation Disadvantaged Local Coordinating Board (LCB)



Key Tasks for the MPO



- Long Range Transportation Plan (LRTP)
- Five Year Transportation Improvement Program (TIP)
- Unified Planning Work Program (UPWP)
- Public Involvement Plan (PIP)
- Congestion Management Process (CMP)
- Federal and State Funded Project Priorities
- Transportation Disadvantaged Service Plan



Ongoing/Upcoming Projects



➤ Update of the Long Range Plan to 2040



➤ TIGER Design Build Project

➤ Round-a-bout Feasibility Study



➤ Cape Coral Bicycle Pedestrian Master Plan

➤ Collection of Bicycle Pedestrian Count Data

➤ Fort Myers Beach Bicycle Pedestrian Master Plan/Crosswalk Lighting Study



What is a LRTP?

- **Countywide multi-modal transportation plan**
 - Includes road, bicycle, pedestrian, and transit projects
- Updated every 5 years for the 25-year planning horizon (through 2040)
- Identifies strategies to ensure future mobility



POPULATION PROJECTIONS



Lee County

- 2014 = 653,485
- 2040 = 1,032,877



Collier County

- 2014 = 348,777
- 2040 = 492,532



Charlotte County

- 2014 = 159,973
- 2040 = 207,214



Long Range Plan Elements



- Bicycle Pedestrian Element
- Transit Element
- Goods and Freight Element
- Congestion Management Plan
- Goals & Objectives/Performance Analysis
- Financial Analysis
- Project Needs
- Cost Feasible Plan

COMPLETED TASKS



- ✓ Baseline Conditions & Maps
- ✓ 2010 Jobs & Population Data
- ✓ Land Use Scenario Planning & Outreach
- ✓ 2040 Jobs & Population Forecasts (including adopted land use scenario)
- ✓ 2040 Transportation Plan Goals & Objectives
- ✓ Revenue Estimates
- ✓ Several Regional Model Runs
- ✓ Updated Project Cost Estimates
- ✓ Initial Project Evaluation



Funding Sources



- Federal
- State
- County
- Municipalities
- Grants
- Developer

PROJECTED REVENUES



Federal and State Revenues **have fallen 15%**

- 2035 (PDC) = \$739.6M
- 2040 (PDC) = \$631.1M

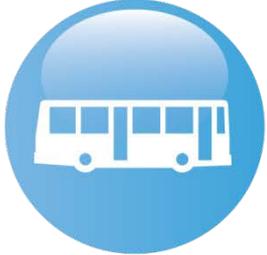


Local Revenues **have fallen 31%**

- 2035 (PDC) = \$1,943.3M
- 2040 (PDC) = \$1,343.7M



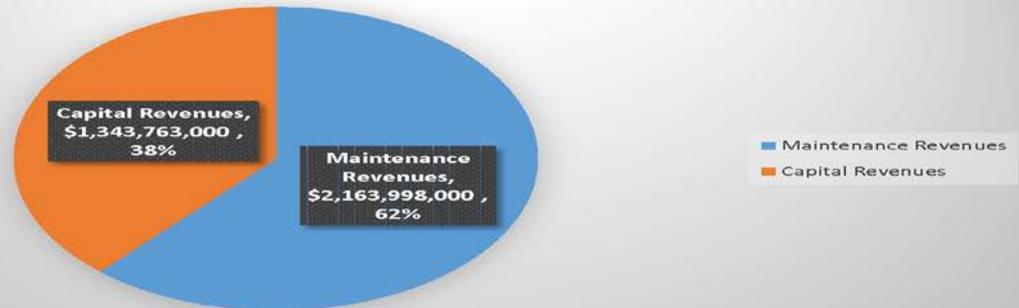
PROJECTED REVENUES



2035 Local LRTP Revenues



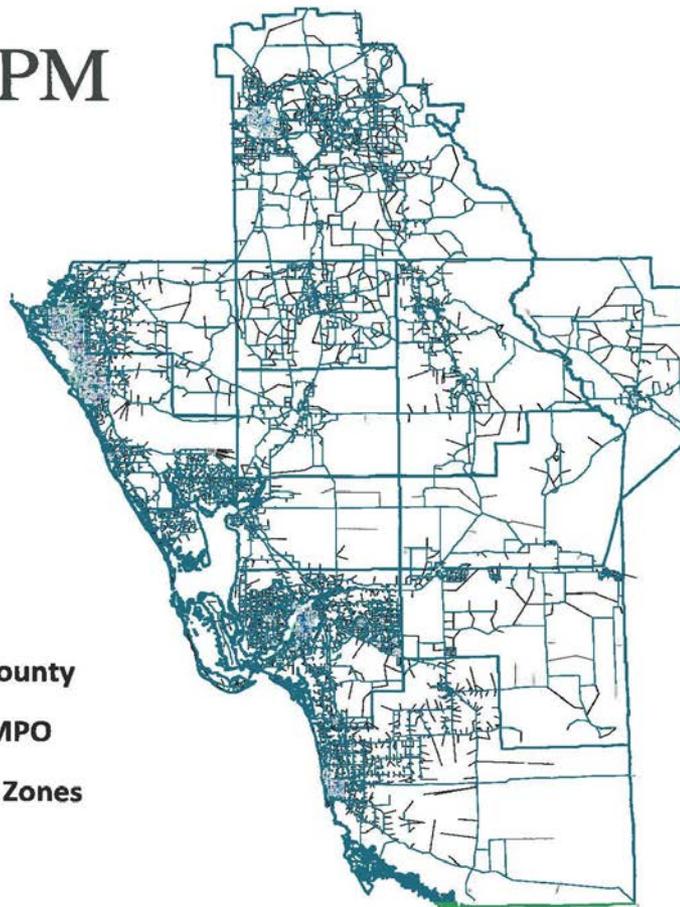
2040 Local LRTP Revenues



FDOT DISTRICT ONE REGIONAL TRANSPORTATION MODEL



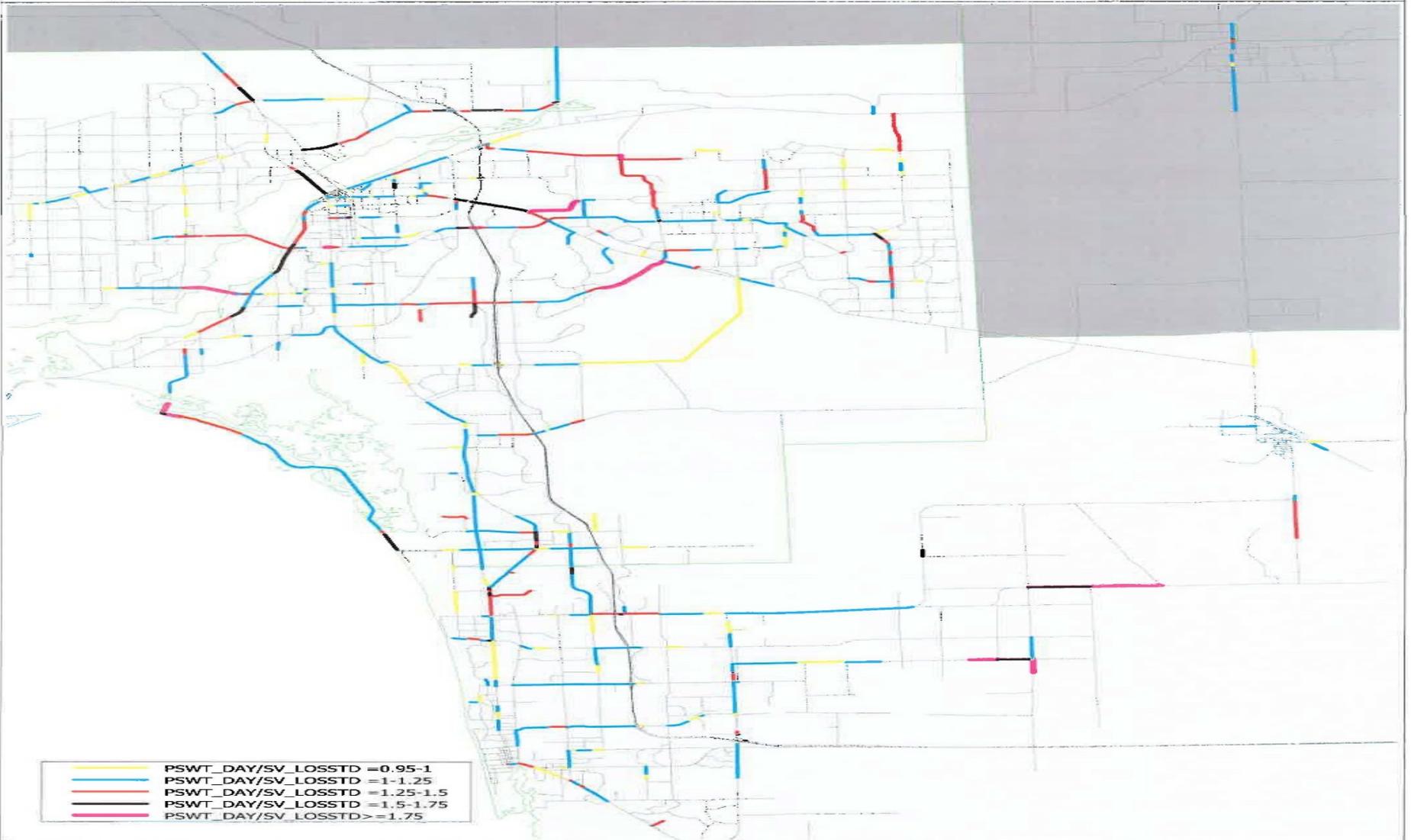
The D1RPM



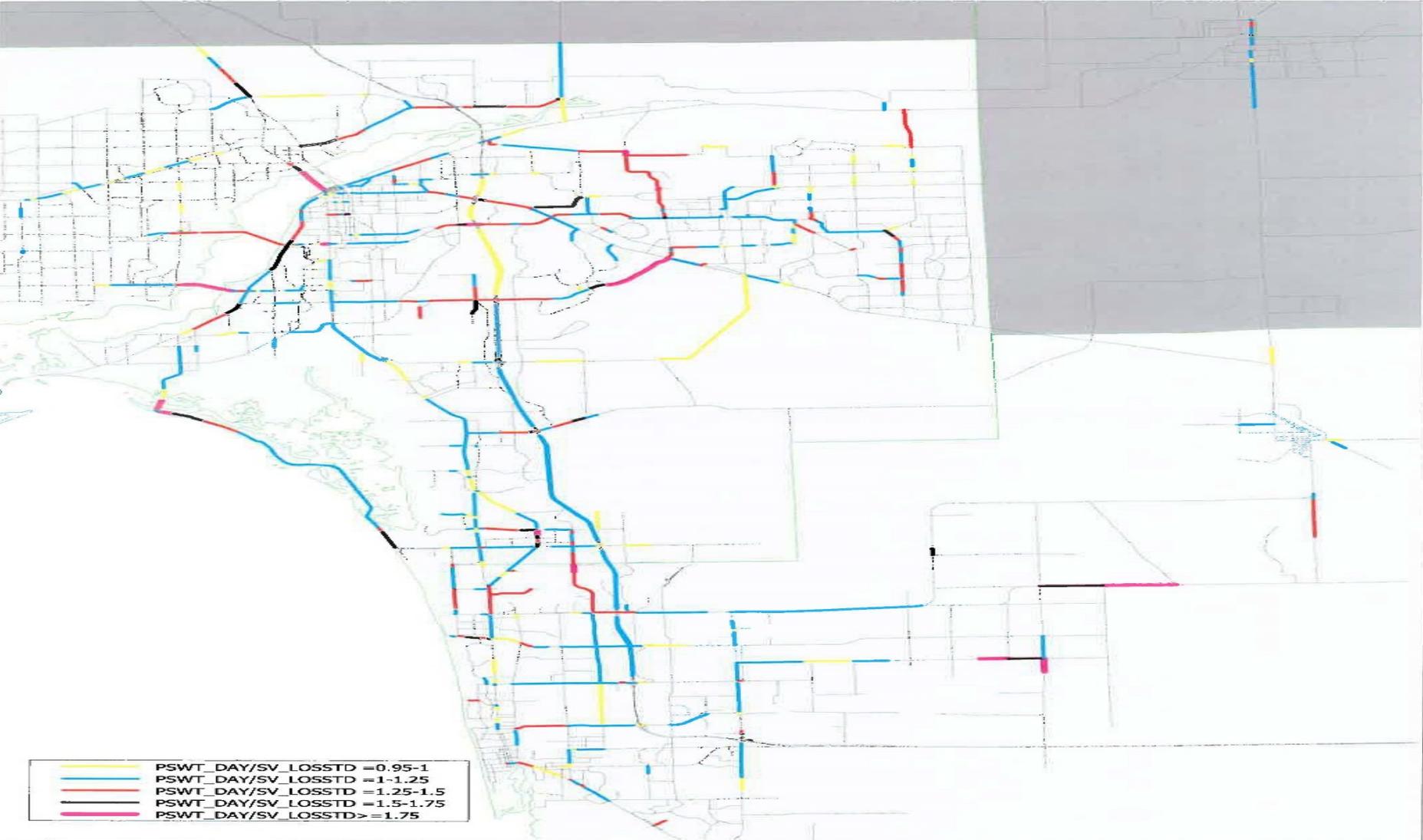
12 County
6 MPO
5661 Zones

| Rank | Facility | From | To | Jurisdiction | Improvement | Unweighted Score | Weighted Score | Notes |
|------|---------------------------|---|----------------------------------|--------------|-----------------------|------------------|----------------|-----------------------------|
| 1 | I-75 | at SR 884 | | | Interchange | 95 | 7.80 | |
| 2 | SR 78 | W. of Santa Barbara | East of Pondella | | 4 to 6 lanes | 85 | 6.90 | |
| 3 | I-75 | at Corkscrew Road | | | Interchange | 96 | 6.85 | |
| 4 | San Carlos | it, Pedestrian, and Capacity Improvements | | | TBD | 80 | 6.80 | |
| 5 | Ortiz Avenue | Martin Luther King | Luckett Road | | 2 to 4 lanes | 87 | 6.73 | |
| 6 | SR 82 | Alabama | Homestead | | 4 to 6 lanes | 86 | 6.70 | |
| 7 | US 41 | Daniels Parkway | | | Intersection | 83 | 6.70 | |
| 8 | Veterans | at Santa Barbara | | | Intersection | 87 | 6.55 | |
| 9 | SR 82 | at Colonial Blvd | | | Intersection | 79 | 6.50 | |
| 10 | Old US 41 | Bonita Beach Road | Collier Co. Line | | 2 to 4 lanes | 90 | 6.47 | |
| 11 | Colonial | at Summerlin | | | Intersection/Corridor | 86 | 6.40 | |
| 12 | SR 78 | Business 41 | I-75 | | 4 to 6 lanes | 82 | 6.35 | |
| 13 | SR 82 | Shawnee | Alabama | | 4 to 6 lanes | 84 | 6.30 | |
| 14 | Ortiz Avenue | Colonial Blvd | SR 82 | | 2 to 4 lanes | 77 | 6.23 | |
| 15 | Pine Island Road | Del Pine Dr | Hancock Creek Blvd (NE 24th Ave) | | 4 to 6 lanes | 80 | 6.15 | |
| 16 | SR 78 | Chiquita Boulevard | w/o Santa Barbara | | 4 to 6 lanes | 80 | 6.15 | |
| 17 | SR 78 | 24th Ave | US 41 | | 4 to 6 lanes | 80 | 6.15 | |
| 18 | Leeland Heights Boulevard | Lee Blvd | Bell Blvd | | 4 to 6 lanes | 72 | 6.05 | |
| 19 | Corkscrew Road | US 41 | e/o Ben Hill Griffin Pkwy | | 4 to 6 lanes | 75 | 5.90 | |
| 20 | Hanson Street | Evans Avenue | Veronica Shoemaker | | 2 to 4 lanes | 77 | 5.88 | |
| 21 | SR 80 | SR 31 | Buckingham Rd | | 4 to 6 lanes | 73 | 5.87 | |
| 22 | Bonita Beach Road | I-75 | Bonita Grande Drive | | 4 to 6 lanes | 76 | 5.75 | |
| 23 | Homestead Road | Milwaukee | Sunrise | | 2 to 4 lanes | 70 | 5.70 | |
| 24 | Luckett Road | Ortiz Avenue | I-75 | | 2 to 4 lanes | 73 | 5.68 | |
| 25 | Littleton Road | NE 24TH | Business 41 | | 2 to 4 lanes | 65 | 5.63 | |
| 26 | Daniels Parkway | Gateway Blvd | SR 82 | | 4 to 6 lanes | 72 | 5.60 | |
| 27 | Hanson Street | US 41 | Fowler St | | 2 to 4 lanes | 67 | 5.58 | |
| 28 | Gunnery Road | Lee Blvd | Buckingham Rd | | 2 to 4 lanes | 67 | 5.58 | |
| 29 | Metro Parkway | Daniels Parkway/Gunnery Road | South of Winkler Avenue | | 4 to 6 lanes | 69 | 5.53 | |
| 30 | Homestead Road | Sunrise | Alabama | | 2 to 4 lanes | 68 | 5.50 | |
| 31 | Corkscrew Road | Ben Hill Griffin | Alico Road | | 2 to 4 lanes | 68 | 5.48 | |
| 32 | Ortiz Avenue | Luckett Road | SR 80 | | 2 to 4 lanes | 73 | 5.48 | |
| 33 | Terry Street | Bonita Grande Drive | West Imperial Parkway | | 2 to 4 lanes | 58 | 5.45 | |
| 34 | SR 31 | SR 80 | Charlotte Co. Line | | 2 to 4 lanes | 77 | 5.42 | |
| 35 | Leonard Boulevard | Lee Blvd | Gunnery Rd | | 2 to 4 lanes | 59 | 5.38 | |
| 36 | SR 82 | Homestead | Hendry County Line | | 2 to 4 lanes | 77 | 5.35 | |
| 37 | Three Oaks Ext. | North of Alico Road | Daniels Parkway | | New 4 lanes | 68 | 5.30 | One labeled as New Corridor |
| 38 | 23rd Street SW | Gunnery Rd | Beth Stacey Blvd | | 2 to 4 lanes | 60 | 5.30 | |
| 39 | Beth Stacey Boulevard | 23rd St SW | Homestead Rd | | 2 to 4 lanes | 60 | 5.30 | |
| 40 | Sunshine Blvd | SR 82 | Lee Blvd | | 2 to 4 lanes | 60 | 5.30 | |

LEE / COLLIER - 2040 COST FEASIBLE ALTERNATIVE II (WITH I-75 EXL)



LEE / COLLIER - 2040 COST FEASIBLE ALTERNATIVE IIB (NO I-75 EXL)



Roadway Alternative Comparisons



| Lockett Rd Extension (Country Lakes – Staley) | | | | | |
|---|------------------|---------------|-------------|--------------|--------------|
| Facility | From | To | Alt 1 (w/o) | Alt 2 (with) | Alt 3 (with) |
| Lockett Rd | Country Lakes | Stanley | 0 | 29,700 | 35,100 |
| Tice St | Country Lakes | Stanley | 11,800 | 8,500 | 6,400 |
| Orange River Blvd | SR 80/Palm Beach | Stanley | 14,100 | 13,200 | 13,200 |
| Lockett Rd Extension (Lockett – Buckingham) | | | | | |
| Facility | From | To | Alt 1 | Alt 2 | Alt 3 |
| Lockett Rd | Buckingham | Lockett | 0 | 28,900 | 33,100 |
| Buckingham | MLK | Neal Rd | 18,500 | 25,7006 | 31,500 |
| Orange River Blvd | Stanely Rd | Neal Rd | 20,700 | 16,900 | 14,900 |
| Lockett Rd Extension (Gunnery – Sunshine) | | | | | |
| Facility | From | To | Alt 1 | Alt 2 | Alt 3 |
| Lockett Rd | Gunnery | Sunshine Blvd | 0 | 54,500 | 56,100 |
| Lee Blvd | Gunnery | Sunshine Blvd | 89,000 | 69,000 | 67,800 |
| SR 82 | Gunnery | Sunshine Blvd | 69,800 | 53,100 | 52,800 |

| North-South with and without I-75 Express Lanes (CR 951 need) | | | | |
|---|--|--|----------------|---------------|
| Facility | | | with Exp Lanes | w/o Exp Lanes |
| Three Oaks South of Corkscrew | | | 17,800 | 20,200 |
| Sandy Lane South of Corkscrew | | | 21,500 | 22,600 |
| US 41 South of Corkscrew | | | 72,000 | 73,700 |
| I-75 South of Corkscrew | | | 120,000/23,000 | 133,300 |
| SR 82 @ Lee/Hendry County Line | | | 24,300 | 22,900 |

| SR 78/Kismet/Diplomat between Chiquita and Santa Barbara | | | | |
|--|--|--------|--|--|
| Facility | | Volume | | |
| Kismet | | 21,400 | | |
| Diplomat | | 17,100 | | |
| SR 78 | | 70,400 | | |

STP AND STATE FUNDED PRIORITIES FOR FY 2021

Adopted June 19, 2015 Lee MPO Board Meeting

| MPO Priority | 2014 Priority | FM # | Project | From | To | Improvement Type | Length (miles) | Next Phase | PDC Estimate (in \$1,000) |
|--------------|---------------|---------|---|--------------|---|--------------------------|----------------|------------|---------------------------|
| 1 | 1 | 4299601 | Funding for County Traffic Operations Center ¹ | | | Operating | | | \$300 |
| 2 | | | Transit Bus Replacements | | | Capital | | | \$1,500 |
| 3 | 2 | 1957641 | Multi-Modal Enhancement Box ¹ | | | | | | \$3,200 |
| 4 | 4 | | SR 739 (Fowler St) | Metro/Fowler | SR 82 (Dr. Martin Luther King Jr. Blvd) | TBD | 1.4 | TBD | TBD |
| 5 | | | Big Carlos Bridge Replacement | | | Bridge | 0.4 | PD&E | \$3,500 |
| 6 | 5 | | I-75/Corkscrew Interchange | | | Interchange | | PE | \$6,000 |
| 7 | | 4337261 | San Carlos | Main Street | Summerlin Rd | From PD&E Study | 2.479 | ROW | \$5,000 |
| 8 | 9 | 4313341 | SR 730 (Metro Pkwy) | Daniels Pkwy | South of Winkler Ave | 4L to 6L | 4.6 | CST | \$34,500 |
| 9 | 6 | 4126363 | Countywide ATMS | | | Phase III Implementation | | CST | \$16,581 |

Notes:

¹The top three priorities are set asides that the Lee County MPO request annually from off the top of SU funds allocated to the Lee County urbanized area.

PUBLIC WORKSHOP



Save the Date!

Lee 2040 Transportation Plan Public Workshop

August 25, 2015 from 5:00 to 7:00 pm
Estero Recreation Center

WEBSITE

2040transportationplan.leemppo.com



- Home
- Supporting Documents
- Contact Us
- Lee County MPO

You are here: Home

 A screenshot of the '2040 TRANSPORTATION PLAN FREQUENTLY ASKED QUESTIONS' page, dated DRAFT 3/24/2015. The page is from the Lee County MPO website. It contains several sections with headings and text:

- WHAT IS THE 2040 TRANSPORTATION PLAN?**: The Lee County 2040 Transportation Plan is the 25-year vision of how to meet our community's transportation needs and expectations through the year 2040. The plan will incorporate all types of travel including driving, biking, walking, public transportation, and freight movement.
- WHO UPDATES THE PLAN AND HOW OFTEN IS IT UPDATED?**: Federal law requires that the Long Range Transportation Plan (LRTP) be updated every five years. The Lee County Metropolitan Planning Organization (MPO) Board, made up of City Council and County Commission members, Member agencies, and municipalities, build and maintain projects included in this plan.
- WHAT HAS BEEN DONE SO FAR?**: The MPO recently studied how transportation and quality of life in Lee County would be impacted if growth patterns changed in three different ways. The preferred scenario that was selected by the MPO Board following public input included and mixture of the most well-liked elements from each scenario that encourage moving homes, jobs and shopping to reduce the number and length of trips and to enhance transit options. The Hybrid Scenario is the best for Lee County in 2040.
- WHAT PROJECTS CAN HELP LEE COUNTY GET FROM HERE TO THERE?**: This is the plan we are currently working on and seeking public input on. The projects - road, transit, bicycle, pedestrian, freight, and congestion management - that make up the package of improvements in the final plan are currently being determined.
- WHAT IS DECIDED IN THIS PLAN?**: Through the planning process, decision-makers and the public will identify:
 - A **Needs Plan** of all major projects that will improve transportation and mobility around the county, regardless of cost.
 - Options available to pay for the projects and anticipated funding available through state options.
 - A **Cost Feasible Plan** that financially constrains the project.

The Lee County 2040 Transportation Plan is the 25-year vision of how to meet our community's transportation needs and expectations through 2040. The plan will incorporate all types of travel including driving, biking, walking, public transportation, and freight movement. To identify the projects that will best serve Lee County, the MPO needs a clear understanding of how people and goods move around the county now and how they expect to move in the future. Your ideas and opinions are critical to create a successful plan. Public meetings, workshops, and surveys will give you an opportunity to share your thoughts and add

Search

News/Announcements

- [Save the Date: 2040 Transportation Plan Workshop Announced](#)

Related Links

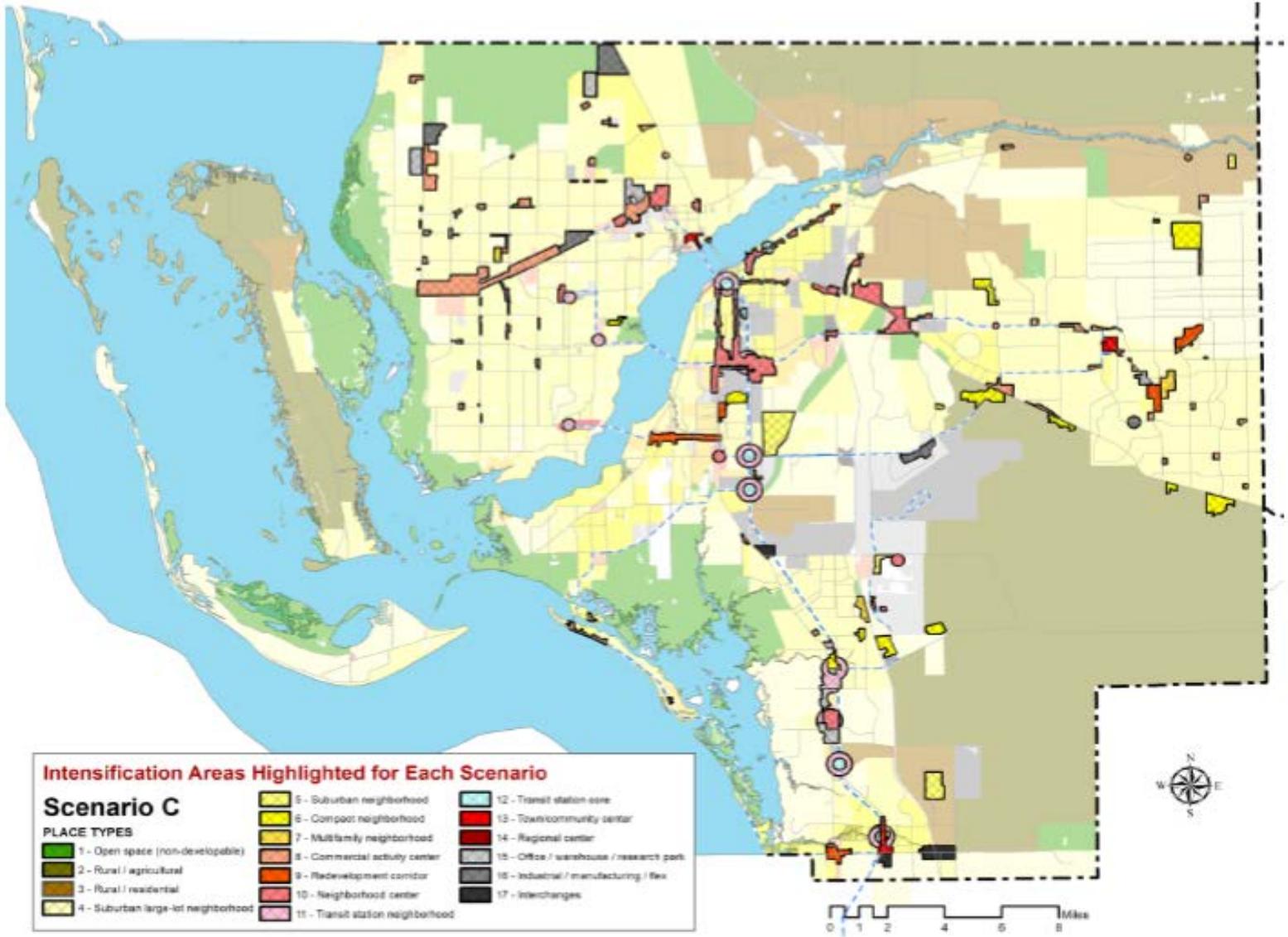
- [2035 Long Range Transportation Plan](#)
- [Agendas & Minutes](#)
- [Meeting Schedule](#)
- [Meeting Request Form](#)





*Questions
or
comments?*

Land Use Scenario



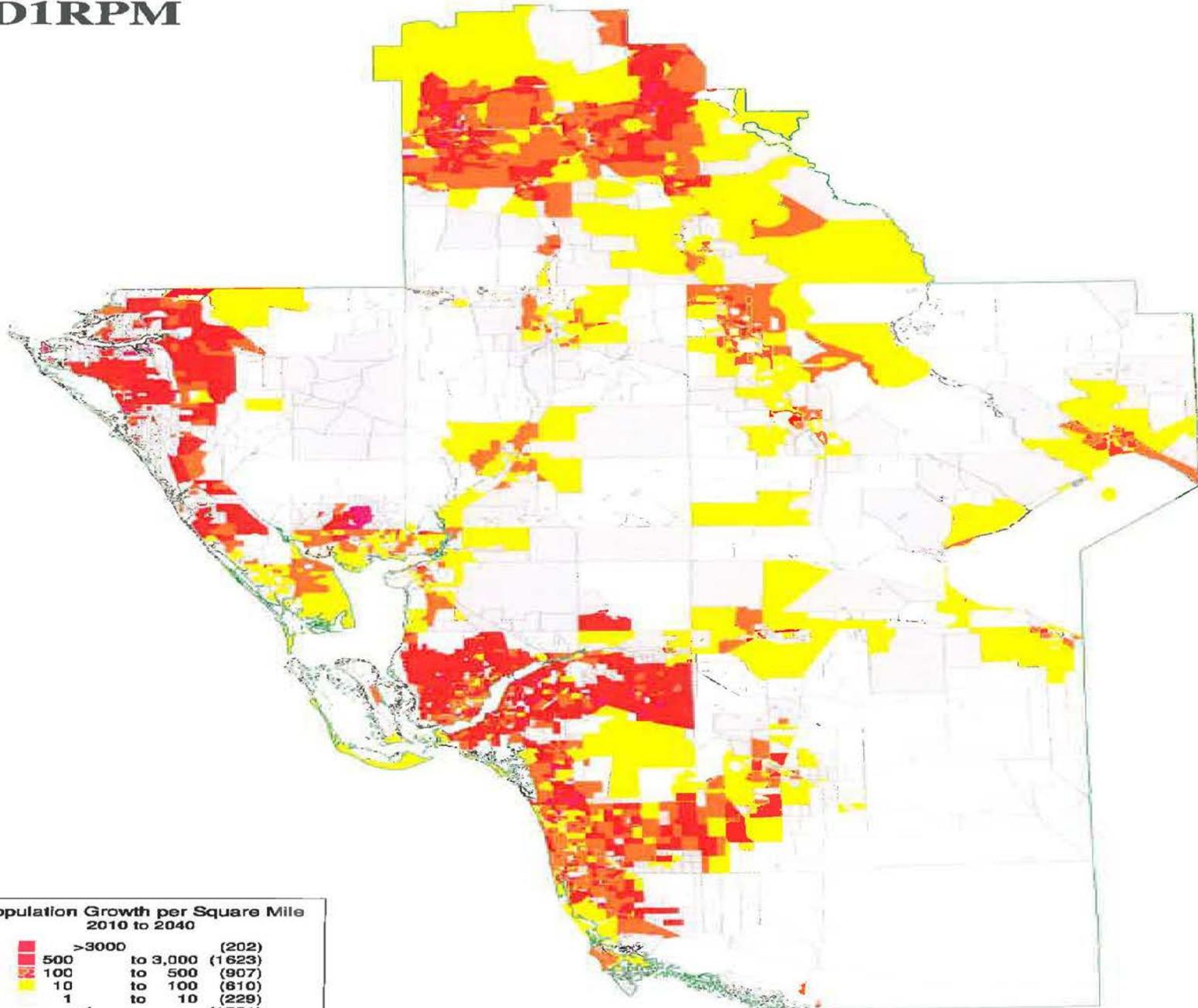
2040 PLAN GOALS AND OBJECTIVES



A multi-modal transportation system that is:

1. Balanced and integrated with all transportation modes for people and goods
2. Safe and secure for existing and future residents, visitors, and businesses
3. Enhances emergency responsiveness and evacuation
4. Sensitive to the County's communities, the community character, and environmental resources
5. Enhances economic growth and anticipates development demands
6. Maintained, optimized, and expanded using the best available technologies and innovation
7. Financially feasible
8. Coordinated with relevant agencies and based on effective integration of transportation, land use, conservation, and smart growth planning

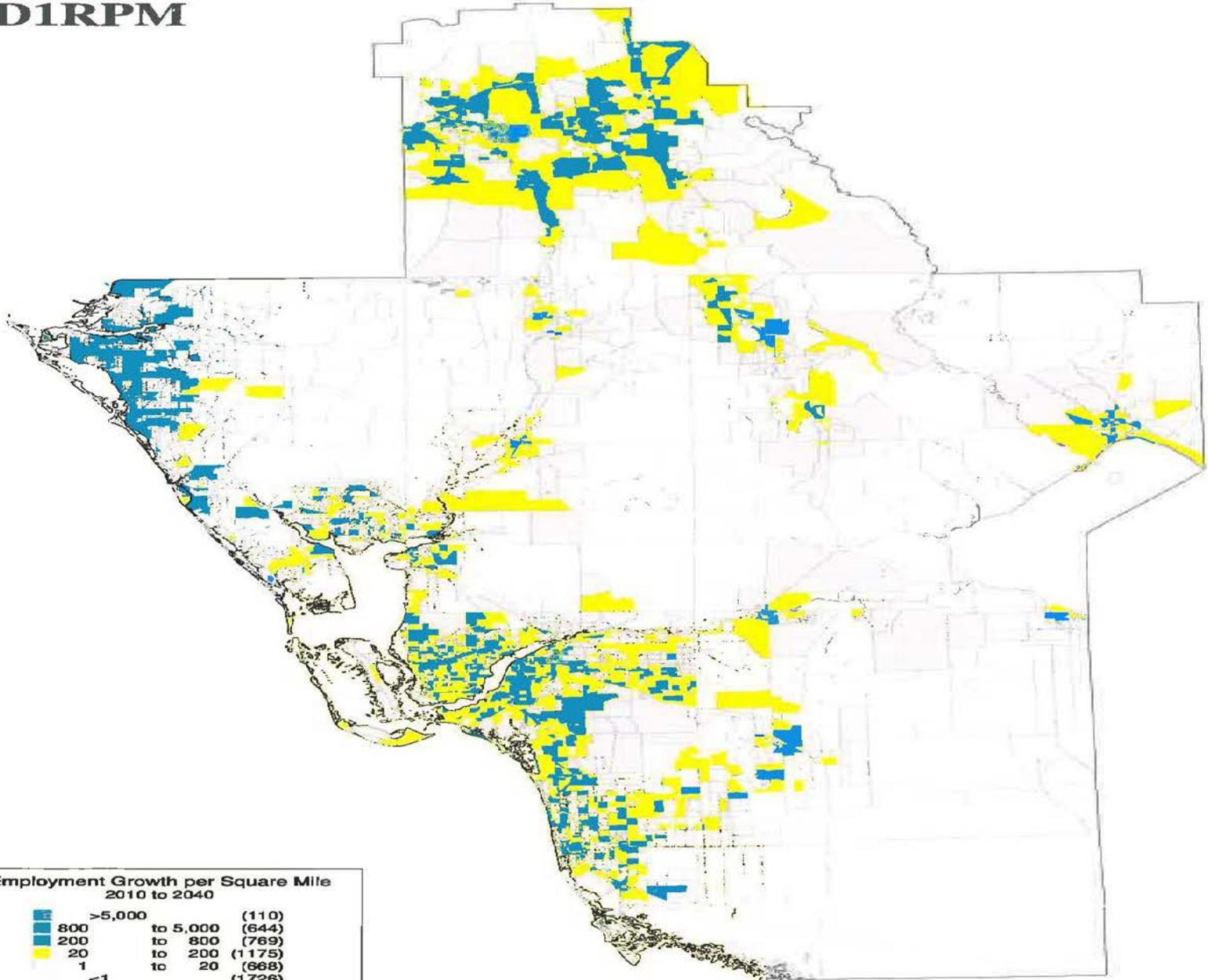
D1RPM



**Population Growth per Square Mile
2010 to 2040**

| | | |
|---|--------------|--------|
|  | >3000 | (202) |
|  | 500 to 3,000 | (1623) |
|  | 100 to 500 | (907) |
|  | 1 to 100 | (810) |
|  | <1 | (229) |
| | | (1521) |

D1RPM



Employment Growth per Square Mile
2010 to 2040

| | | |
|-----|----------|---------|
| 800 | > 5,000 | (110) |
| 200 | to 5,000 | (644) |
| 20 | to 800 | (769) |
| 1 | to 20 | (1,175) |
| < 1 | to 20 | (668) |
| | < 1 | (1,726) |

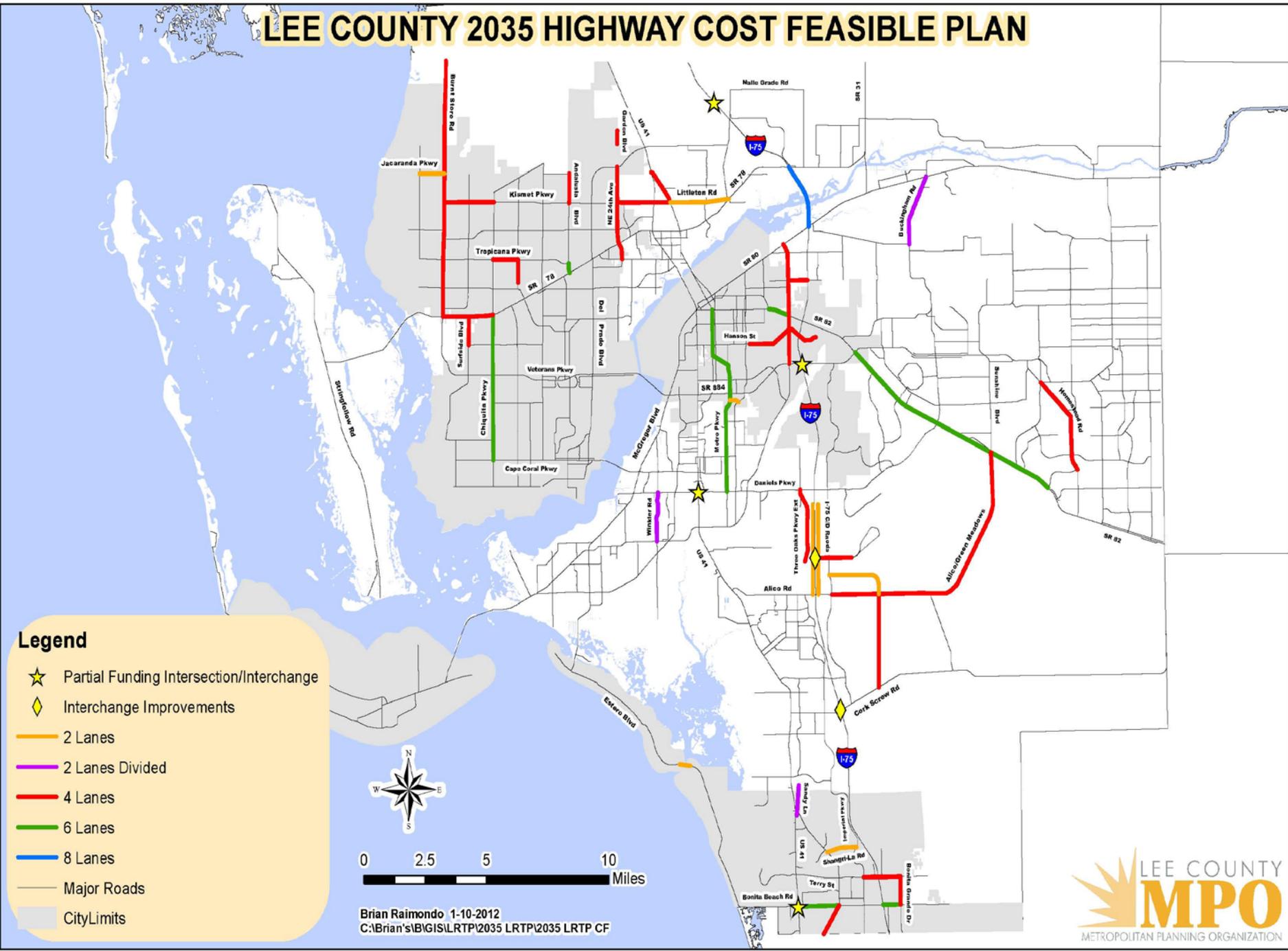
LEE COUNTY 2035 HIGHWAY COST FEASIBLE PLAN

Legend

- ☆ Partial Funding Intersection/Interchange
- ◇ Interchange Improvements
- 2 Lanes
- 2 Lanes Divided
- 4 Lanes
- 6 Lanes
- 8 Lanes
- Major Roads
- City Limits



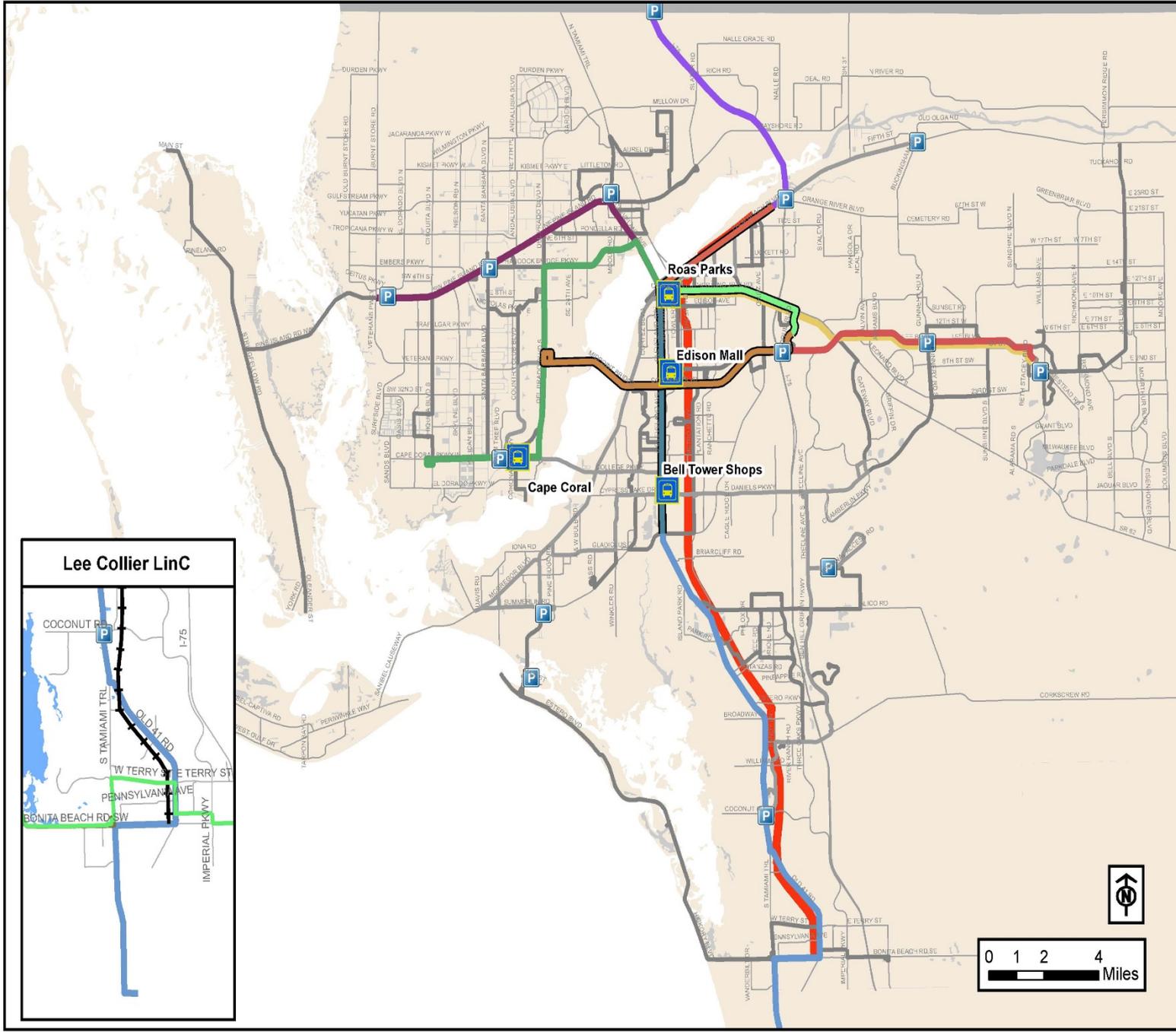
Brian Raimondo 1-10-2012
 C:\Brian's\B\GIS\L RTP\2035 LRTP\2035 LRTP CF



**Lee County 2040 L RTP
Long Range Transit Element**

Legend
Proposed Premium Transit Services

- Passenger Rail**
-  Colonial Blvd
-  MLK BRT
-  Palm Beach BRT
-  US 41 BRT
- Express Service**
-  Cape Coral Express
-  Charlotte Express
-  Colonial Express
-  Lee-Collier LinC
-  Lehigh Express
-  Pine Island Express
- Local Services**
- 
- LeeTran Transfer Hub**
- 
- Park-and-Ride (General Location)**
- 



PROJECT EVALUATION CRITERIA

All projects should relate directly to the Lee MPO goals and, in turn, the eight federal planning factors from MAP-21.



| Lee MPO Adopted Goals | Project Prioritization/Evaluation Criteria | Recommended Weighting | MAP-21 Planning Factors | | | | | | | |
|-----------------------|--|-----------------------|-------------------------|--------|----------|--|-----------------------|-----------------------|---------------------|---|
| | | | Economic Vitality | Safety | Security | Accessibility/Mobility/Quality of life/Environment | Connectivity by Modes | Efficient System Mgmt | System Preservation | |
| All | Existing volume to capacity ratio | 15% | x | x | | x | x | x | x | |
| #1 | Provides bicycle, pedestrian, or public transportation improvement | 15% | x | x | | x | x | x | x | |
| All | Future volume to capacity ratio | 10% | x | x | | x | x | x | x | |
| #2 | Safety | 10% | | x | | | | | | |
| #6 | System preservation/maintenance of assets | 10% | x | x | | | x | | x | x |
| #1 | Intermodal connectivity | 8% | x | | | x | | x | | |
| #3 | Emergency evacuation routes | 6% | | x | x | | | | | x |
| #7 | Project commitment | 5% | x | | | | | | | x |
| #4 | Environmental Impacts | 5% | x | | | x | x | x | x | |
| #4 | Social-cultural effects | 5% | | x | | x | x | x | x | |
| #5 | Roadway significance and access to major activity centers | 4% | x | | | x | x | x | x | |
| #6 | Innovation | 4% | | | | | x | | | |
| #1 | Truck Route | 3% | x | | | x | | x | | |

FUTURE TASKS



- Additional Regional Model Runs (July/August)
- Cost Estimates of 2040 Projects
- Community Workshop #2 (August/Sept)
- Interactive Public Engagement Tool (Aug/Sept)
- Develop Cost Affordable Plan
- Document full Transportation Plan