



ENVISION
2045
Collier MPO




OCTOBER 11, 2019

COLLIER MPO LONG RANGE TRANSPORTATION PLAN
MPO BOARD MEETING GOALS & OBJECTIVES AND PUBLIC INVOLVEMENT PLAN

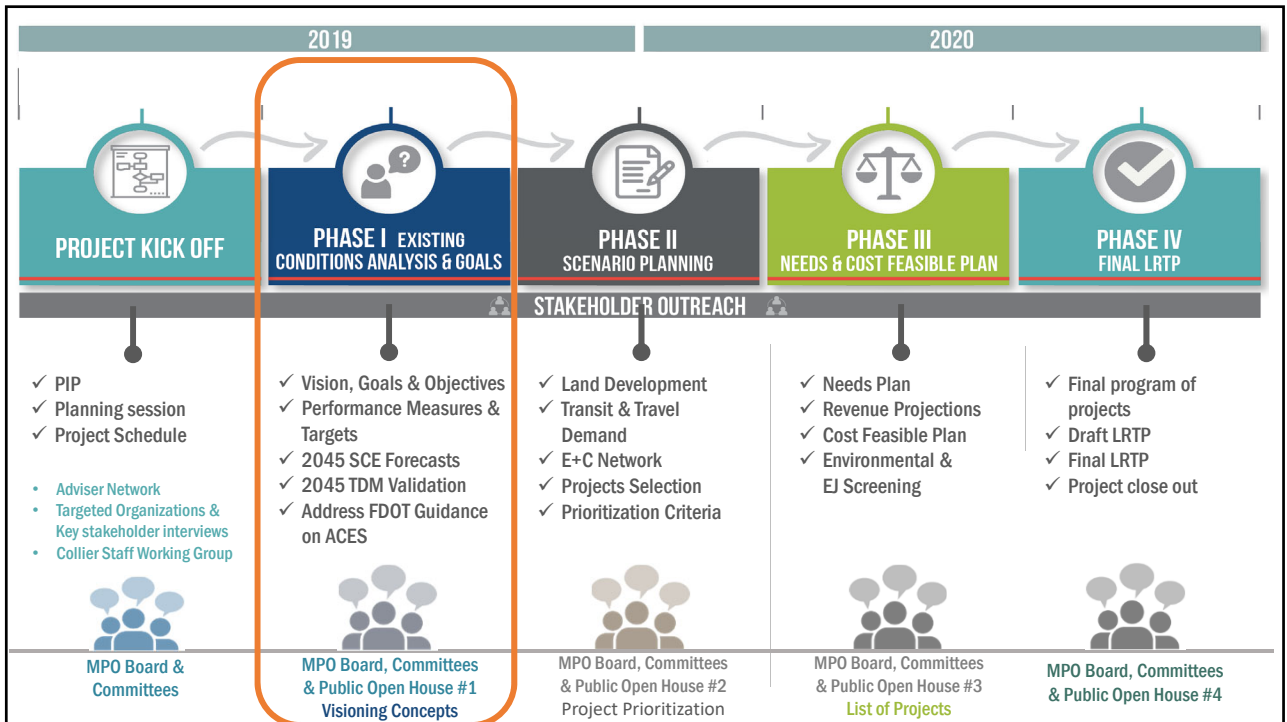



Agenda Packet



- ❖ Goals, Objectives and Decision-Making Framework (track changes) (Page 221)
- ❖ Goals, Objectives and Decision-Making Framework (clean version) (Page 235)
- ❖ Scoring Categories and Criteria (Page 244)
- ❖ Public Involvement Plan (Page 247)
- ❖ MPO Comments/Responses (Page 277)
- ❖ Social Media Outreach Strategy (Page 281)

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Phase 1 Deliverables

- ✓ Vision, Goals and Objectives
- ✓ Performance Measures and Targets
- ✓ Public Involvement Plan
- E+C Network (due November 2019 to FDOT)
- 2045 Socio-Economic (SE) Forecasts (due January 2020 to FDOT)
- 2045 Traffic Demand Model Validation (by FDOT)
- Address FDOT Guidance on ACES

Note: Autonomous, Connected, Electrified and Shared (ACES)




Evaluation Criteria

1. Used to evaluate and compare how well potential projects meet the goals and objectives
2. Evaluates the advantages/disadvantages of projects in relation to each other
3. Shapes the recommendations for the projects in the Needs and Cost Feasible Plan

- ✓ Each goal assigned a weighting factor – some goals have more weight, or importance than others
- ✓ Evaluation Criteria are based on a point system for how well the project meets the Goals

| Goal | Evaluation Criteria |
|---|--|
| 1. Ensure the Security of Transportation System for Users (Goal received a weighting factor of 1) | Facility is designated hurricane evaluation route = 5 Provides Enhanced or potential new evacuation routes = 5 |
| 2. Protect Environmental Resources (Goal received a weighting factor of 1) | Amount of wetlands encroachment based on the National Wetlands Inventory. No impact = 0, Substantial Impact = -5 Amount of impact to threatened and endangered species, based on the USFWS Panther Habitat Zones. No Impact = 0 Impact to secondary panther habitat = -1 to -3 Impact to primary panther habitat = -1 to -5 |
| 3. Improve System Continuity and Connectivity (Goal received a weighting factor of 1) | The project does not close an existing facility = 2 The project closes an existing facility at an improvement to a new or neighboring facility intended to relieve an existing deficient facility with (v/c) greater than 1.3 = 5 |
| 4. Reduce Roadway Congestion (Goal received a weighting factor of 2) | Improvement to an existing deficient facility, or improvement to a new or neighboring facility intended to relieve an existing deficient facility with (v/c) greater than 1.3 = 5 Improvement to an existing deficient facility, or improvement to a new or neighboring facility intended to relieve an existing deficient facility with (v/c) greater than 1.0 = 1 |
| 5. Promote Freight Movement (Goal received a weighting factor of 0.5) | Project enhances the facility as a major freight route = 5 |
| 6. Increase the Safety of Transportation System Users (Goal received a weighting factor of 1) | Project enhances safety of transportation system users = 3 (minor), 4 (medium), 5 (major) |
| 7. Promote Multimodal Solutions (Goal received a weighting factor of 1) | Project promotes multimodal solutions = 3 (minor), 4 (medium), 5 (major) |
| 8. Promote the Integrated Planning of Transportation and Land Use (Goal received a weighting factor of 1) | Project promotes the integrated planning of transportation and land use = 3 (minor), 4 (medium), 5 (major) |
| 9. Promote Sustainability in the Planning of Transportation and Land Use (Goal received a weighting factor of 1) | Project benefits low income populations and improves sustainability through increased housing choices and reduced auto-dependency = 3 (minor), 4 (medium), 5 (major) |
| 10. Consider Climate Change Vulnerability and Risk in Transportation Decision Making (Goal received a weighting factor of 1) | Project promotes transportation infrastructure resiliency in the face of climate change and sea level rise = 3 (minor), 4 (medium), 5 (major) |
| 11. Consider Autonomous and Connected Vehicles (A/V) Technology in the Future | Project enhances the ability to introduce A/V Technology in the Future = 3 (minor), 4 (medium), 5 (major) |

UPDATED
 In agenda
 packet



MPO Board Comments

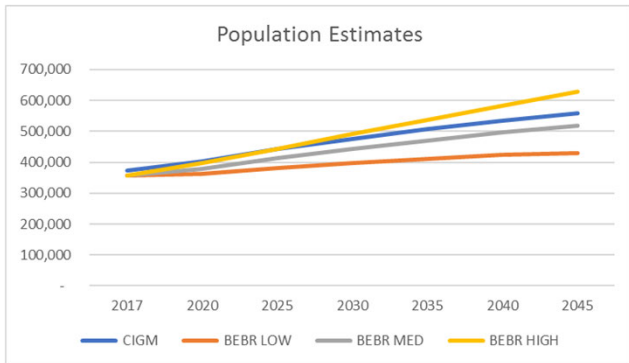
9/13/19

New Information

- **Goal 7 Multimodal Solutions:**
Complete Streets is a planning study that may be required along constrained corridors to identify options that meet the purpose and need. Complete Streets was added as a goal.
- **Goal 10 Consider Climate Change Vulnerability:**
Regarding road elevation and sea level rise and coastal flooding, policy and roadway design criteria regarding resiliency will be noted.



BEBR vs. CIGM Comparison New Information



Recommendations were made to use BEBR medium with updated 2015 SE data consistent with 2017 SE data used in CIGM.

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TAC Comments 9/30/19

New Information

- Goal 2 Environmental:
 - Primary Panther Habitat Evaluation Criteria 2C: CHANGE TO 4% and delete “wetland encroachment”
 - Secondary Panther Habitat Evaluation Criteria 2B: CHANGE TO 0%, delete criteria
- Goal 10 Consider Climate Change Vulnerability: reduce to 4%
- Goal 11 Consider Autonomous and Connected Vehicles: reduce to 4%
- Goal 3 (Connectivity), 6 (Safety), 7 (Multimodal), 8 (Promote the Integrated Planning) increase by 2% each

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Revised Evaluation Criteria

New Information

Projects scored on points system, depending on how well the project meets the goal

For Example: Goal 7 - Promoting Multimodal Solutions = Weighted at 10%

Evaluation Criteria: Project promotes multimodal solutions, 1 (Low), 3 (Medium), 5 (High)

| Goals | Weight (%) | Evaluation Criteria | Performance Metrics |
|--|------------|--|---|
| 7. Promote Multimodal Solutions (Goal received a weighting factor of 10%) | 2% | Trail improvements | 7A - To what extent would the County trail system be improved? High = new or improved trail Med = improves bike/ped access to existing trails Low = No new or improved trails |
| | 2% | Multimodal improvement near health care, educational, recreational, and/or cultural facilities | 7B - To what extent would multimodal transportation be improved within 0.25 mile of community services such as health care facilities, educational facilities, recreational facilities, and/or cultural facilities? High = Multimodal improvement within 0.25 mile Low = No multimodal improvement within 0.25 mile |
| | 2% | Multimodal improvement low socioeconomic neighborhoods | 7C - Does project improve multimodal transportation within an area with greater than 10% poverty? High = Multimodal improvement within Low = Not a Multimodal improvement within |
| | 1% | Transit improvements outside of current service area or within a CRA | 7D - To what extent would transit service be improved outside of the existing transit service area or within a CRA? High = Transit improvement outside of service area or within CRA Low = no improvement to service area or CRA |
| | 2% | Bicycle or pedestrian improvement to transit | 7E - To what extent would bicycle or pedestrian infrastructure be improved to access transit? High = Both bicycle and pedestrian access Med = Either bicycle or pedestrian access Low = Neither bicycle nor pedestrian access |
| | 1% | Bicycle/pedestrian infrastructure | 7F - To what extent is bicycle and/or pedestrian infrastructure separation from vehicle travel lanes increased? High = Both bicycle and pedestrian separation Med = Either bicycle or pedestrian separation Low = Neither bicycle nor pedestrian separation |

We need your input...What would you change? weighting factors, criteria, or different data sources?



Public Involvement Plan (PIP) - Comments

New Information

- Adviser Network CRAs updated
- Media Relations/Newspaper updated
- Social Media outreach
 - Targeted Audiences
 - Existing Facebook platforms



Public Involvement Plan



October 2019
 Prepared for:

 2000 South International Drive
 Naples, Florida 34104
www.colliermpo.com/ENR2019



Upcoming Public Involvement New Information

- Schedule MPO Board presentations and verify agenda packets
- Finalize Public Involvement Plan
- Refine community outreach
- Website updates
- Draft Survey #2
- Draft Electronic Newsletter #2
- Information Booth – November 2019*
- Community Open House – December 2019*

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Activities - Next Quarter

- ❖ FDOT D1 coordination on Districtwide Travel Model
- ❖ Planning Consistency – summary pertinent elements of FDOT WP, SIS, Freight Plan and SHSP
- ❖ Document E+C Network
- ❖ 2045 Socio-Economic Data Set and Technical memorandum - Prepare base year population, employment, and network data
- ❖ Proposed updated Traffic Analysis Zone (TAZ) structure, if needed
- ❖ Update project schedule

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THANK YOU

