



AGENDA TAC

Technical Advisory Committee
ZOOM VIRTUAL MEETING

Meeting ID: 988 5045 4029

Password: 031874

Please click [here](#) to be directed to the Zoom website, or you may dial in at 1-646-876-9923.

**June 10, 2020
9:30 am**

1. **Call to Order**
2. **Roll Call**
3. **Approval of the Agenda**
4. **Approval of Meeting Minutes N/A**
5. **Open to Public for Comments on Items Not on the Agenda**
6. **Agency Updates**
 - A. FDOT
 - B. MPO Executive Director
7. **Committee Action**
 - A. Provide Input on 2045 Long Range Transportation Plan (LRTP) Scenario Planning – Alternate 3
8. **Reports and Presentations (May Require Committee Action)**
 - A. **Member Comments**
9. **Distribution Items**
10. **Next Meeting Date**

July 8, 2020 – 9:30 a.m.
VIRTUAL MEETING
11. **Adjournment**

PLEASE NOTE:

This meeting of the Technical Advisory Committee (TAC) to the Collier Metropolitan Planning Organization (MPO) is open to the public and citizen input is encouraged. Any person wishing to speak on any scheduled item may do so upon recognition of the Chairperson. Any person desiring to have an item placed on the agenda shall make a request in writing with a description and summary of the item, to the MPO Director 14 days prior to the meeting date. Any person who decides to appeal a decision of this Committee will need a record of the proceedings pertaining thereto, and therefore may need to ensure that a verbatim record of the proceeding is made, which record includes the testimony and evidence upon which the appeal is to be based. In accordance with the Americans with Disabilities Act, any person requiring special accommodations to participate in this meeting should contact the Collier Metropolitan Planning Organization 72 hours prior to the meeting by calling (239) 252-5814. The MPO's planning process is conducted in accordance with Title VI of the Civil Rights Act of 1964 and Related Statutes. Any person or beneficiary who believes that within the MPO's planning process they have been discriminated against because of race, color, religion, sex, age, national origin, disability, or familial status may file a complaint with the Collier MPO Executive Director and Title VI Specialist Ms. Anne McLaughlin (239) 252-5884 or by writing Ms. McLaughlin at 2885 South Horseshoe Dr., Naples, FL 34104.

EXECUTIVE SUMMARY
COMMITTEE ACTION
ITEM 7A

Provide Input on 2045 Long Range Transportation Plan (LRTP) Scenario Planning – Alternate 3

OBJECTIVE: For the Committee to provide input on Scenario Planning for the 2045 LRTP – Alternate 3.

CONSIDERATIONS: FDOT has submitted the resulting Deficiency Plot produced by the District 1 Planning Model for the 2045 LRTP Alternate 2 roadway network. Jacobs Engineering will provide an overview of the results and the limitations of the model which are becoming more evident. Refer to **Attachment 1** updated report entitled “Collier 2045 LRTP Process – Scenario Planning – Draft” dated 6/2/2020 from Jacobs. New text is in red. (**Attachment 1**) FDOT provided a deficiency plot of the entire District 1 network, shown in **Attachment 2**. The MPO must submit the proposed Alternate 3 network on or before June 15, 2020.

STAFF RECOMMENDATION: That the Committee provide input on Scenario Planning for the 2045 LRTP – Alternate 3

Attachments:

1. Draft White Paper on Scenario Planning for the 2045 LRTP, by Jacobs, updated through 6/2/20
2. FDOT District 1 Alternate 2 Deficiency Plot dated 6/1/2020

Prepared By: Anne McLaughlin, MPO Director

WHITE PAPER - DRAFT

Collier 2045 Long Range Transportation Plan Plan Process - Scenario Planning - Draft

PREPARED FOR: Collier MPO
PREPARED BY: Jacobs
DATE: 05/06/2020, revised 06/02/2020

Travel Demand and Forecasting

A major element of the 2045 Plan development is to identify growth patterns so that planners and officials will know where growth is forecasted to occur. This is helpful in the determination of transportation projects needed to accommodate that growth. To identify growth patterns, the MPO used Collier County's Interactive Growth Model (CIGM) which takes historical growth trends, local zoning and land use policies into account. The CIGM informed the establishment of the 2015 base year socioeconomic variables and the geographic distribution of forecasted 2045 variables. The 2015 data was input to the travel demand model and the resulting traffic assignments were compared to known ground counts to calibrate and validate the models. Once the model was validated to be able to approximate current conditions, the 2045 forecast data was used as input to the transportation planning models to estimate capacity needs and project performance in the future year.

Travel Model Development Process

The FDOT Districtwide Regional Planning Model (D1PRM) is the primary travel forecasting tool for updating the 2045 Plan. In order to update the D1PRM, several coordination meetings were held with FDOT and Collier MPO staff on issues related to the model development process and the use of the model for developing the Needs Plan and the Cost Feasible Plan. Ongoing FDOT coordination efforts include providing additional model data and input assumptions to FDOT. The next steps in the process include the review of intermediate model data files provided by FDOT. Also, the traffic demand model and all Plan maps related to the Needs Plan and the Cost Feasible Plan will be created in a PDF format and a GIS platform. Refer to **Attachment 1** for the D1PRM Development Process chart and tentative schedule (provided by FDOT on 02/24/2020).

Alternative Scenario Development and Testing

Travel models follow a sequence of steps that simulate responses people make about how to travel, given various possible configurations of highway and transit service. These configurations are effectively "scenarios" of different travel networks that could exist in Collier County in the year 2045. Travel-network alternative scenarios are tested to see how they perform given a hypothetical distribution of people and their destinations across Collier County in 2045. Before any travel-network scenarios can be tested, the forecasted distribution of population, employment, shopping, schools, etc., for the year 2045 must be entered into the model. This dataset is referred to as socioeconomic (SE) data, which must be provided for each Traffic Analysis Zone (TAZ). FDOT runs the travel model for all MPOs in District One, but they rely on individual MPOs to provide forecasted SE data for 2045. The CIGM, prepared for Collier County in 2017 by Metro Forecasting Models, contributed to the development of the forecasted SE data for 2045 entered into the travel model.

Travel demand projections will be analyzed using the FDOT D1PRM relative to the performance measures and targets to determine where service deficiencies occur. **Table 1** summarizes the anticipated travel demand forecasting alternative scenarios that will be conducted by FDOT.

Table 1. Draft Alternative Scenarios for 2045
(to be run by FDOT)

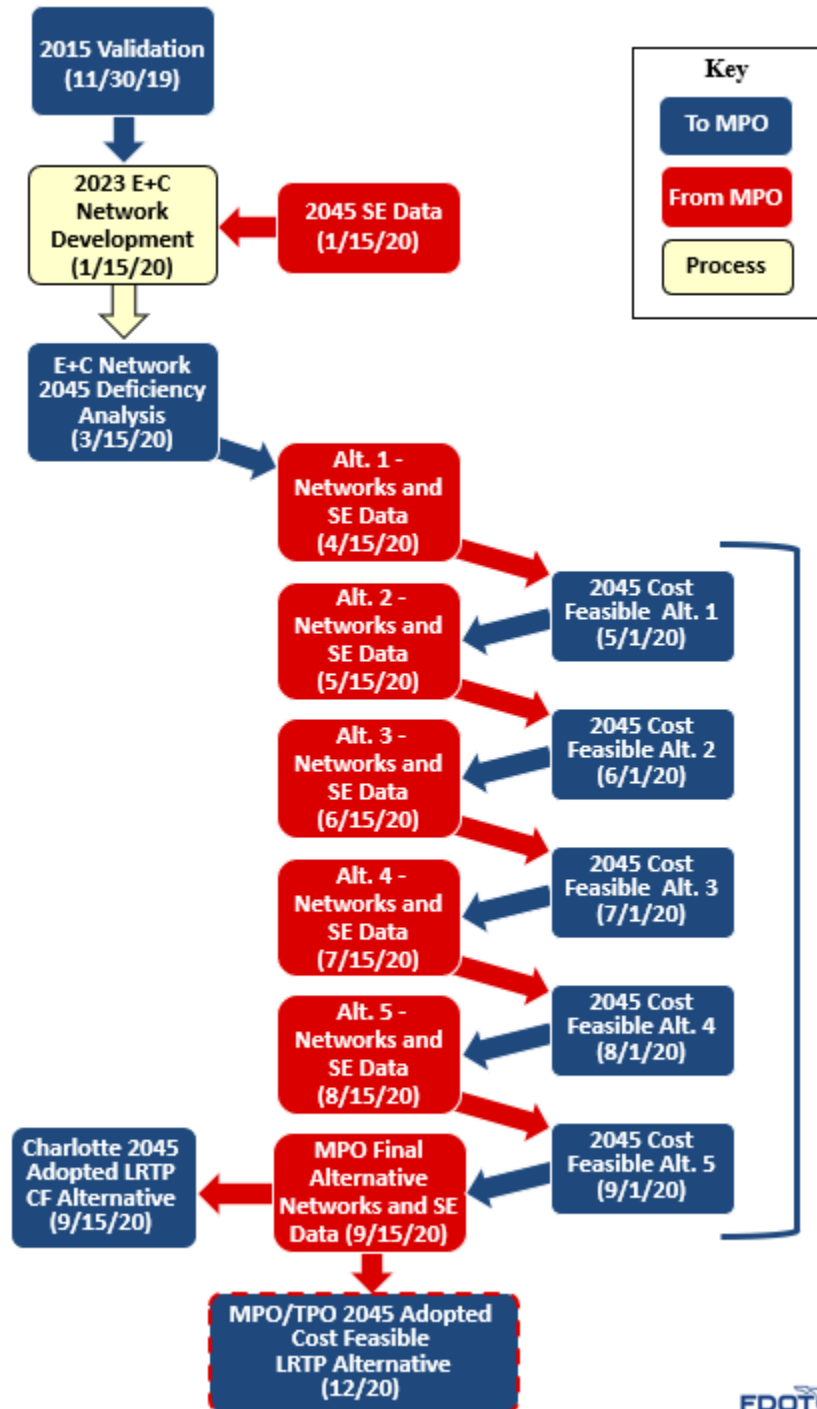
Alternative	Description
E+C Network (FDOT) Refer to Attachment 2.	Initial Traffic Demand Model run is primarily to identify deficiencies using: <ul style="list-style-type: none"> a) Existing (2019) and Committed (2023) Transportation Network based on the current MPO Transportation Improvement Program and FDOT Work Program. b) 2045 SE Data based on BEBR Medium Projections
Alternative 1 (FDOT) Refer to Attachment 3.	Alternative 1 will evaluate the adopted 2040 LRTP needs network with 2045 SE Data to determine the impact of planned long-range projects on demand; includes: <ul style="list-style-type: none"> a) Needs network to relieve highway segments with poor level of service b) Capacity improvement projects c) New connectivity projects for parallel relievers
Alternative 2 (FDOT) Refer to Attachment 4.	Alternative 2 is similar to Alternative 1 Needs network, designed to test the performance of a list of proposed needed / financially unconstrained projects; may include: <ul style="list-style-type: none"> a) Additional capacity improvement projects (e.g., applying freeway design criteria to arterials, and overpasses) b) Innovative intersections projects (e.g., continuous flow intersections) <p style="color: red;">Per FDOT, grade-separated intersections (e.g., overpasses, single-point urban interchanges, diverging diamond interchanges) are not explicitly coded in the D1RPM macro traffic forecast model network. Innovative intersection projects will remain on the Needs Plan and the Cost Feasible Plan, as appropriate.</p> <ul style="list-style-type: none"> c) Corridor Improvement Studies recommendations (e.g., Pine Ridge Rd and Immokalee Rd) d) Bus Rapid Transit Corridors (e.g., intermodal hubs, express service, park and ride system) consistent with Congestion Management Process (2017)
Alternative 3 (FDOT)	Final Needs Plan Network - designed to test the performance of a list of proposed needed / financially unconstrained projects. Transportation scenarios may include: <ul style="list-style-type: none"> a) Connected Autonomous Vehicles (CAV) on limited access facilities to maximize capacity and efficiency. b) Transportation corridors (e.g., Bus Rapid Transit Corridors, intermodal hubs, express service, park and ride system) consistent with Congestion Management Process (2017).
Alternative 4 (FDOT)	Draft Cost Feasible Network - designed to test the performance of a list of proposed financially constrained projects
Alternative 5 (FDOT)	Revised Draft Cost Feasible Network
MPO Final Alternative (FDOT)	Final Cost Feasible Network based on Final SE Data

WHITE PAPER - DRAFT

ATTACHMENT 1

District One 2045 Cost Feasible LRTP Model Development Process and Schedule (2/24/2020)

(Note: As of 5/1/2020, the 2045 Alternative 1 model data files are due from FDOT to MPO on 5/8/2020)



ATTACHMENT 2

Collier MPO Year 2045 LRTP

COLLIER COUNTY

Base Year Changes (2010-2015)

ID#	Roadway	From	To	Improvement
Interstate				
Expressways/Toll Roadways				
Federal and State				
10	SR 84	Santa Barbara Blvd	Radio Rd	Widen from 4 to 6 Lanes
11	SR 84	Radio Rd	Jayrose Pl	Widen from 4 to 6 Lanes
12	US 41	Collier Blvd	Joseph Ln	Widen from 4 to 6 Lanes
13	US 41	Joseph Ln	Greenway Rd	Widen from 2 to 4 Lanes
County				
14	Collier Blvd	Golden Gate Main Canal	I-75	Widen from 4 to 8 Lanes
15	Collier Blvd	I-75	Davis Blvd	Widen from 4 to 8 Lanes
16	Oil Well Rd	Immokalee Rd	Everglades Blvd	Widen from 2 to 4 Lanes
17	Oil Well Rd	Oil Well Grade	Ave Maria Blvd	Widen from 2 to 4 Lanes
18	Vanderbilt Beach Rd	Airport Pulling Rd	Fontana Del Sol Way	Widen from 4 to 6 Lanes
City of Naples				
City of Marco Island				
Everglades City				

Sources: Collier County AUIR 2010, 2014, 2015, and 2016

Collier MPO Year 2045 LRTP

COLLIER COUNTY

Existing (2015-2019)

ID#	Roadway	From	To	Improvement
Interstate				
19	I-75	North of SR 951	Golden Gate Pkwy	Widen from 4 to 6 Lanes
51	I-75	Golden Gate Pkwy SB Off Ramp	-	Interchange Improvement
Expressways/Toll Roadways				
Federal and State				
53	SR 29	Jefferson Ave	9th St	Add Turn Lanes
54	SR 82	Corkscrew Rd	-	Add Turn Lanes
20	SR 951	Manatee Rd	North of Tower Rd	Widen from 2 to 4 Lanes
County				
70	8th Street Bridge			Bridge
55	Airport Pulling Rd	North Horseshoe Dr	-	Intersection Improvements
21	City Gate Blvd Extension	White Lake Blvd	East of Brennan Dr	New 4-Lane Facility
22	Golden Gate Blvd	Wilson Blvd	20th St	Widen from 2 to 4 Lanes
56	Golden Gate Pkwy	Livingston Rd	-	Intersection Improvements
23	Logan Blvd	North of Immokalee Rd	Lee County Line	New 2-Lane Facility
24	Massey St / Woodcrest Dr	Calusa Pines Dr	Immokalee Rd	New 2-Lane Facility
57	Pine Ridge Rd	US 41	-	Intersection Improvements
25	Pristine Dr	Wolfe Rd	Vanderbilt Beach Rd	New 2-Lane Facility
26	Tree Farm Rd	Davila St	Massey St	New 2-Lane Facility
City of Naples				
City of Marco Island				
Everglades City				

Sources: FDOT Collier County Five Year Work Program FY 2014-2019, Collier County AUIR Five Year Work Program FY 2015-2019, Collier County MPO 2040 LRTP

Collier MPO Year 2045 LRTP

COLLIER COUNTY

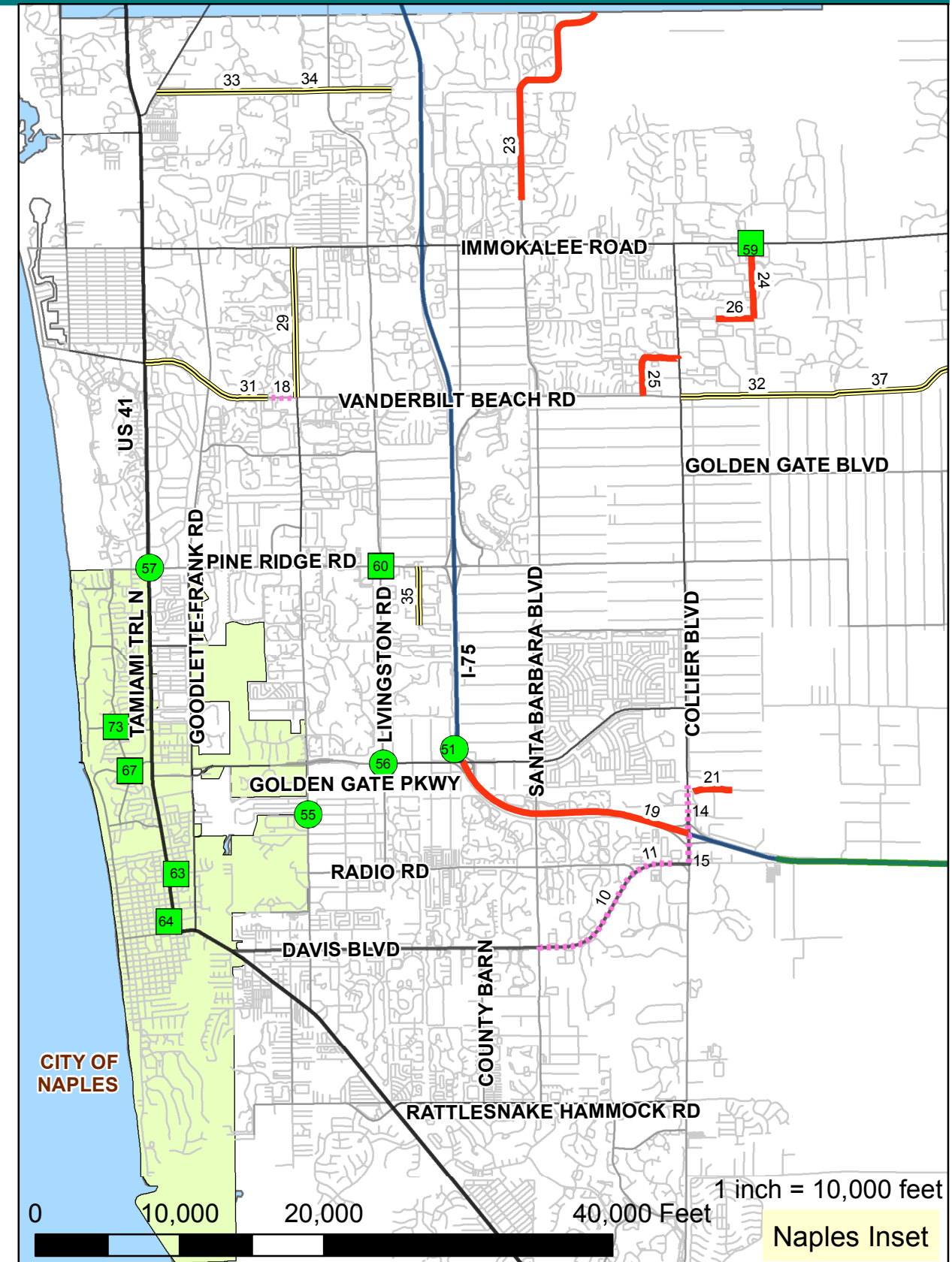
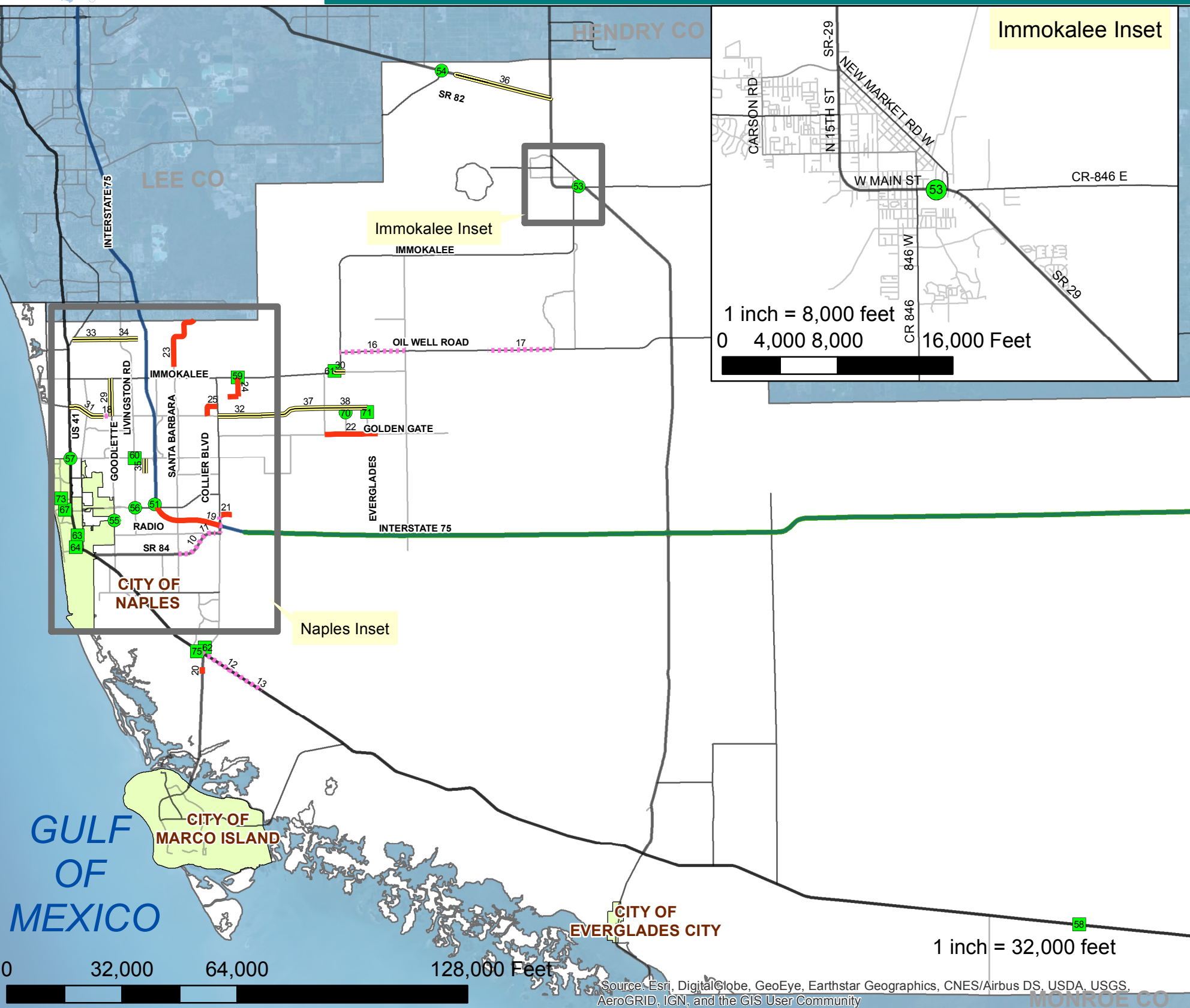
Committed (2019-2023)

ID#	Roadway	From	To	Improvement
Interstate				
Expressways/Toll Roadways				
Federal and State				
36	SR 82	Gator Slough Lane	SR 29	Widen from 2 to 4 Lanes
58	US 41	Oasis Visitor Center	-	Add Left Turn Lane
County				
71	16th Street Bridge	16th St	16th St	New Bridge
29	Airport Pulling Rd*	Vanderbilt Beach Rd	Immokalee Rd	Widen from 4 to 6 Lanes
59	Immokalee Rd	Woodcrest Dr	-	Intersection Improvements
60	Pine Ridge Rd*	Livingston Rd	-	Intersection Improvements
75	Price St*	Waterford Dr	-	Roundabout Implementation
61	Randall Blvd*	Immokalee Rd	-	Intersection Improvements
30	Randall Blvd	Immokalee Rd	8th St	Widen from 2 to 4 Lanes
62	Triangle Blvd*	Celeste Dr	-	Roundabout Implementation
31	Vanderbilt Beach Rd	US 41	East of Goodlette-Frank Rd	Widen from 4 to 6 Lanes
32	Vanderbilt Beach Rd*	Collier Blvd	Greyhawk Tr	Widen from 2 to 4 Lanes
37	Vanderbilt Beach Rd*	Greyhawk Tr	Wilson Blvd	New 4-Lane Facility
38	Vanderbilt Beach Rd*	Wilson Blvd	16th St	New 2-Lane Facility
33	Veterans Memorial Blvd	Old US 41	Secoya Reserve Cir	New 4-Lane Facility
34	Veterans Memorial Blvd	Secoya Reserve Cir	Strand Blvd	Widen from 2 to 4 Lanes
35	Whipporwill Lane	Pine Ridge Rd	Stratford Ln	Widen from 2 to 4 Lanes
City of Naples				
63	10th St	5th Ave North	-	Roundabout Implementation
64	3rd Ave South	8th St South	-	Roundabout Implementation
67	Mooring Line Dr	Crayton Rd	-	Roundabout Implementation
73	Crayton Rd	Harbour Dr	-	Roundabout Implementation
City of Marco Island				
Everglades City				

Sources: FDOT Collier County Five Year Work Program FY 2019-2023, Collier County AUIR Five Year Work Program FY 2019-2023, Collier County One-Cent Sales Surtax Website

*Collier One-Cent Sales Surtax Transportation Project

E+C Collier 2045 LRTP

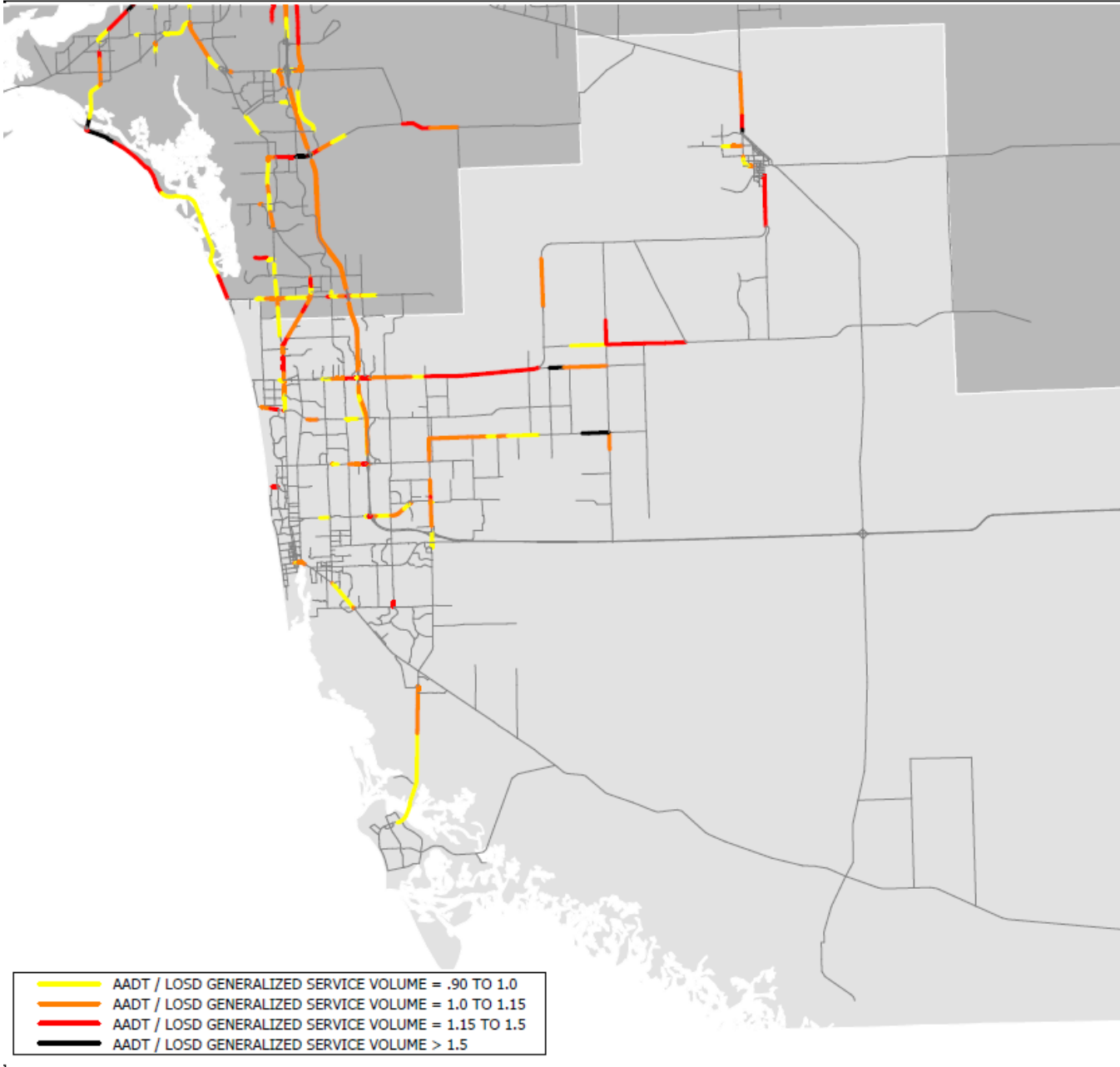


LEGEND

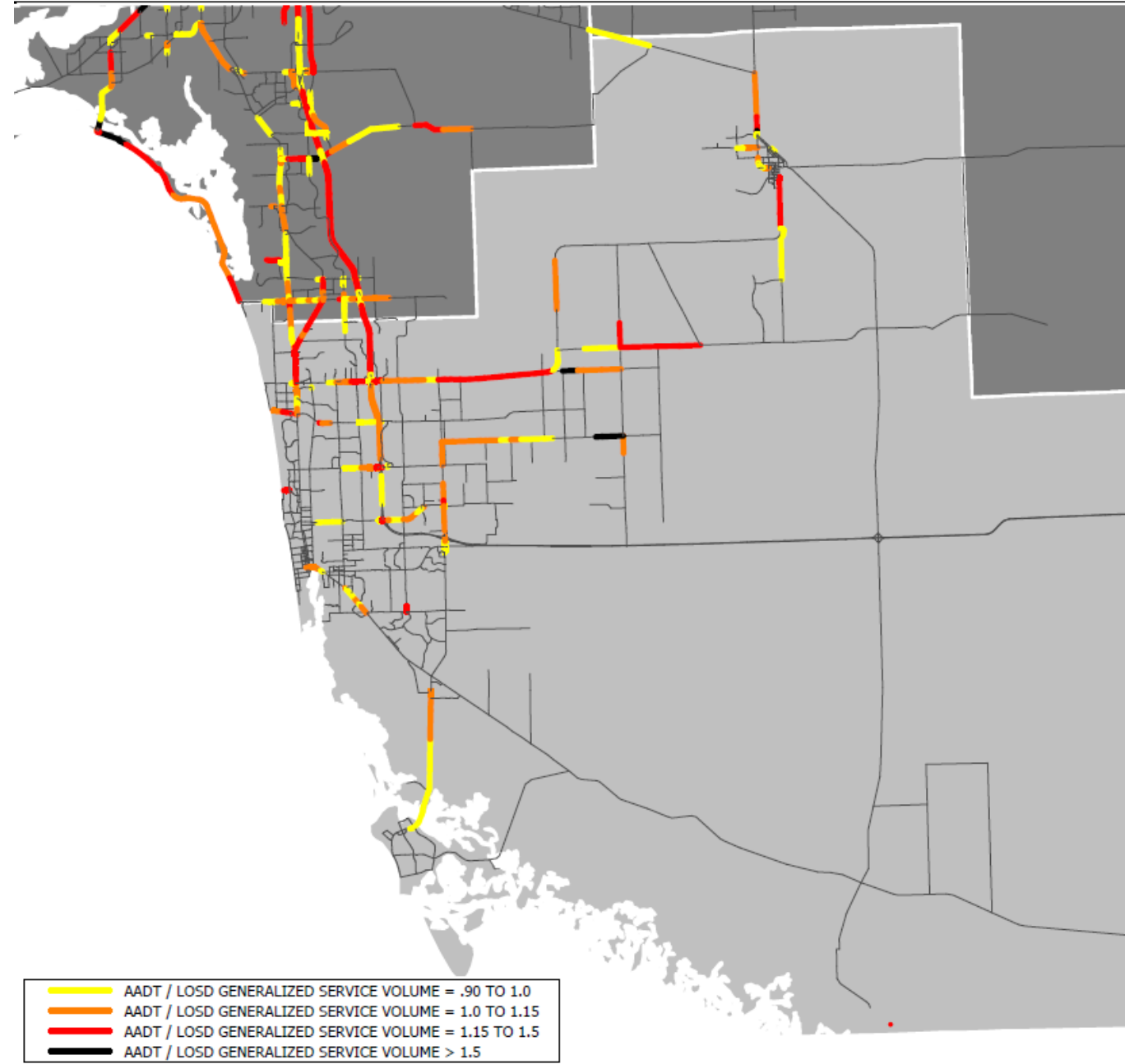
- ⋯ Base [2010-2015]
- Existing [2015-2019]
- Committed [2019-2023]
- Existing
- Committed
- Interstates
- Toll Limited Access
- US Highways
- State Roads
- County Roads



COLLIER COUNTY - 2045 EXISTING + COMMITTED NETWORK (3-13-20)



COLLIER COUNTY - 2045 EXISTING + COMMITTED NETWORK (4-23-20)

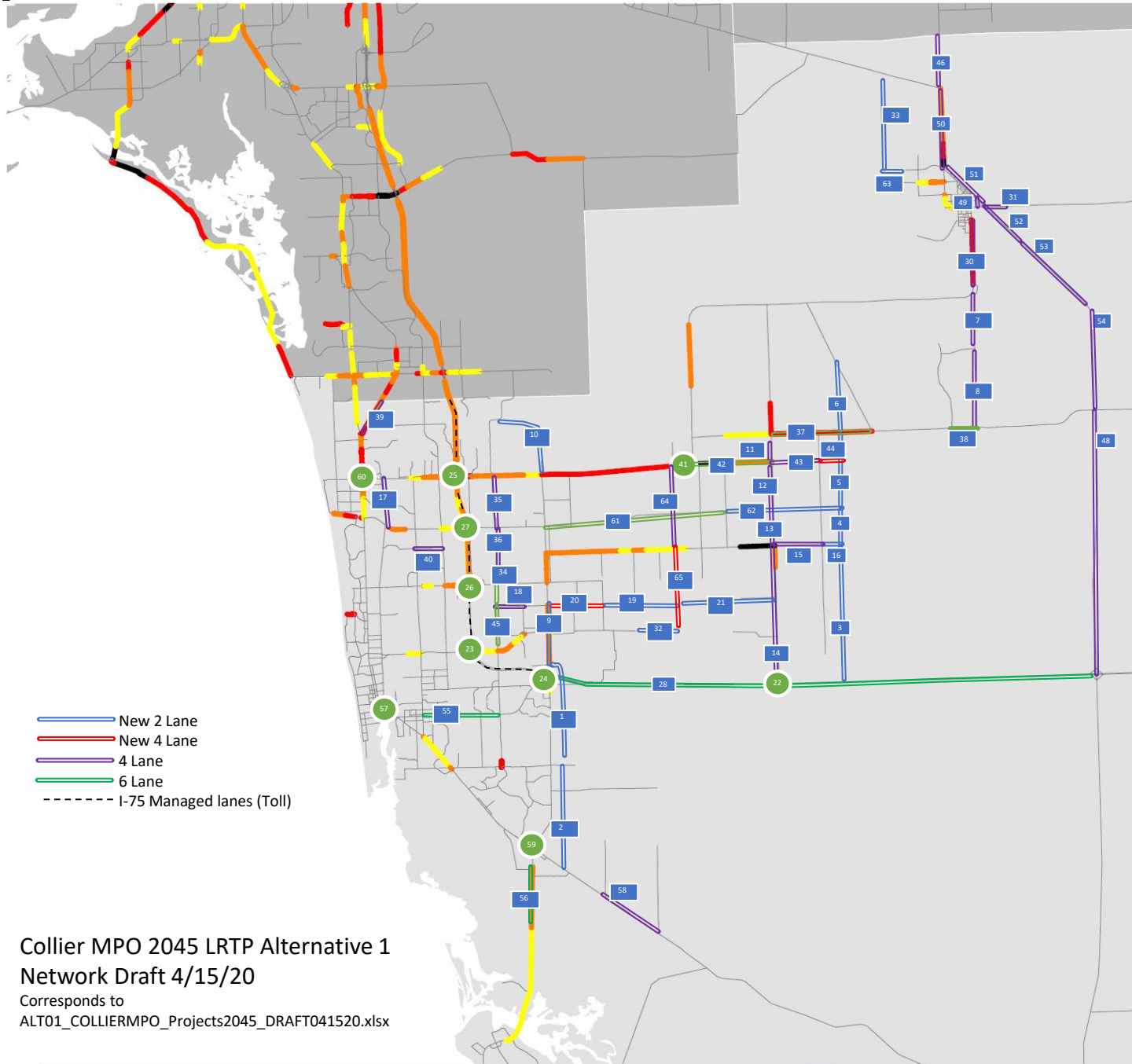


ATTACHMENT 3

ID	MAP ID	FACILITY	FRON	TO	# of Existing Lanes	PROJECT DESCRIPTION
	1	Benfield Road	City Gate Boulevard North	Lords Way	0	New 2 lane roadway in a 4 lane footprint
	2	Benfield Road	US 41 (SR 90) (Tamiami Trail East	Rattlesnake-Hammock Ext	0	New 2 lane roadway in a 4 lane footprint
	3	Big Cypress Parkway	Everglades Blvd north of I-75	Golden Gate Blvd	0	New 2-Lane Road (ROW Expandable to 4-Lanes); east of Desoto Blvd
	4	Big Cypress Parkway	Golden Gate Blvd	Vanderbilt Beach Road Ext.	0	New 2-Lane Road (ROW Expandable to 4-Lanes); east of Desoto Blvd
	5	Big Cypress Parkway	Vanderbilt Beach Road Ext.	Oil Well Road	0	New 2-Lane Road (ROW Expandable to 4-Lanes); east of Desoto Blvd
	6	Big Cypress Parkway	Oil Well Road	Immokalee Rd	0	New 2-Lane Road (ROW Expandable to 4-Lanes); east of Desoto Blvd
	7	Camp Keais Road	Immokalee Road	Pope John Paul Blvd	2	2-Lane Roadway to 4 Lanes with Outside Paved Shoulder (Includes milling and resurfacing of existing pavement)
	8	Camp Keais Road	Oil Well Road	Pope John Paul Blvd	2	Expand from 2-Lane Undivided to 4-Lane Divided Arterial
	9	CR 951 (Collier Blvd)	Golden Gate Canal	Green Blvd	4	4-Lane Roadway to 6 Lanes with Sidewalk, Bike Lanes, and Curb & Gutter (Includes milling and resurfacing of existing pavement)
	10	CR 951 Extension	Heritage Bay Entrance	Lee/Collier County Line	0	New 2-lane Arterial to Bonita Beach Road
	11	Everglades Boulevard	Randall Blvd	South of Oil Well Road	2	Expand from 2-Lane Undivided to 4-Lane Divided Arterial
	12	Everglades Boulevard	Vanderbilt Bch Rd Ext	Randall Blvd	2	Expand from 2-Lane Undivided to 4-Lane Divided Arterial
	13	Everglades Boulevard	Golden Gate Blvd	Vanderbilt Bch Rd Ext	2	Expand from 2-Lane Undivided to 4-Lane Divided Arterial
	14	Everglades Boulevard	I-75 (SR-93)	Golden Gate Blvd	2	Expand from 2-Lane Undivided to 4-Lane Divided Arterial
	15	Golden Gate Boulevard	Everglades Blvd.	Desoto Boulevard	2	Expand from 2-Lane Undivided to 4-Lane Divided Arterial
	16	Golden Gate Boulevard Ext	Desoto Boulevard	Big Cypress Parkway	0	New 2-Lane Road
	17	Goodlette-Frank Road	Vanderbilt Beach Road	Immokalee Road	2	Expand from 2-Lane Undivided to 4-Lane Divided Arterial
	18	Green Boulevard	Santa Barbara/ Logan Boulevard	Sunshine Boulevard	2	Expand from 2-Lane Undivided to 4-Lane Divided Collector
	19	Green Boulevard Ext / 16th Ave SW	23rd St SW	Wilson Blvd Ext (Corridor Study)	0	New 2-Lane Collector (Future Study Area)
	20	Green Boulevard Ext / 16th Ave SW	CR 951	23rd Street SW (Corridor Study)	0	New 4-Lane Divided Collector (Future Study Area)
	21	Green Boulevard Ext / 16th Ave SW	Wilson Blvd Ext	Everglades Boulevard (Corridor Study)	0	New 2-Lane Collector

ID	MAP ID	FACILITY	FRON	TO	# of Existing Lanes	PROJECT DESCRIPTION
	22	I-75 (SR-93)	Everglades Blvd		0	New Interchange
	23	I-75 (SR-93)	Golden Gate Parkway		0	(New) 2-Lane Ramp
	24	I-75 (SR-93)	Collier Blvd (CR 951)		0	Interchange, Single Point Urban
	25	I-75 (SR-93)	Immokalee Rd		0	Intersection Traffic Signalization (DDI proposed)
	26	I-75 (SR-93)	Pine Ridge Rd		0	Intersection Traffic Signalization (DDI proposed)
	27	I-75 (SR-93)	Vanderbilt Bch Rd		0	New Interchange - Partial (to / from the North)
	28	I-75 (SR-93)	Collier Blvd (CR 951)	SR 29	4	Expand from 4 to 6-Lane Freeway
	29	I-75 (SR-93) Managed/ Express (Toll) Lanes	Collier Blvd (CR 951)	Collier/Lee County Line	6	New 4-Lanes Express (Toll) Lanes with slip-ramp locations connecting to general purpose lanes TBD
	30	Immokalee Rd (CR 846)	Camp Keais Rd	Carver St	2	2-Lane Roadway to 4 Lanes with Sidewalks, Bike Lanes, and Curb & Gutter (Includes milling and resurfacing of existing pavement)
	31	Immokalee Rd (CR 846)	SR 29	Airpark Blvd	2	2-Lane Roadway to 4 Lanes with Sidewalks, Bike Lanes, and Curb & Gutter (Includes milling and resurfacing of existing pavement)
	32	Keane Avenue	Inez Rd	Wilson Blvd. Ext.	0	New 2-Lane Undivided Collector - name change at Inez to Brantley for short way (dirt road) <u>(Future Study Area)</u>
	33	Little League Rd. Ext.	SR-82	Westclox St.	0	New 2-lane roadway
	34	Logan Boulevard	Green Boulevard	Pine Ridge Road	4	Expand from 4-Lane Divided to 6-Lane Divided Arterial
	35	Logan Boulevard	Vanderbilt Beach Road	Immokalee Road	2	Expand from 2-Lane Undivided to 4-Lane Divided Major Collector
	36	Logan Boulevard	Pine Ridge Road	Vanderbilt Beach Road	2	Expand from 2-Lane Undivided to 4-Lane Divided Major Collector
	37	Oil Well Road / CR 858	Everglades Blvd	Oil Well Grade Rd	2	2-Lane Roadway to 6 Lanes with Outside Paved Shoulders
	38	Oil Well Road / CR 858	Ave Maria Entrance	Camp Keais Road	2	Expand from 2-Lane Undivided to 6-Lane Divided Arterial
	39	Old US 41	US 41 (SR 45)	Lee/Collier County Line	2	2-Lane Roadway to 4 Lanes with Sidewalks, Bike Lanes, and Curb & Gutter (Includes milling and resurfacing of existing pavement)
	40	Orange Blossom Drive	Airport Pulling Road	Livingston Road	2	Expand from 2-Lane Undivided to 4-Lane Divided Major Collector

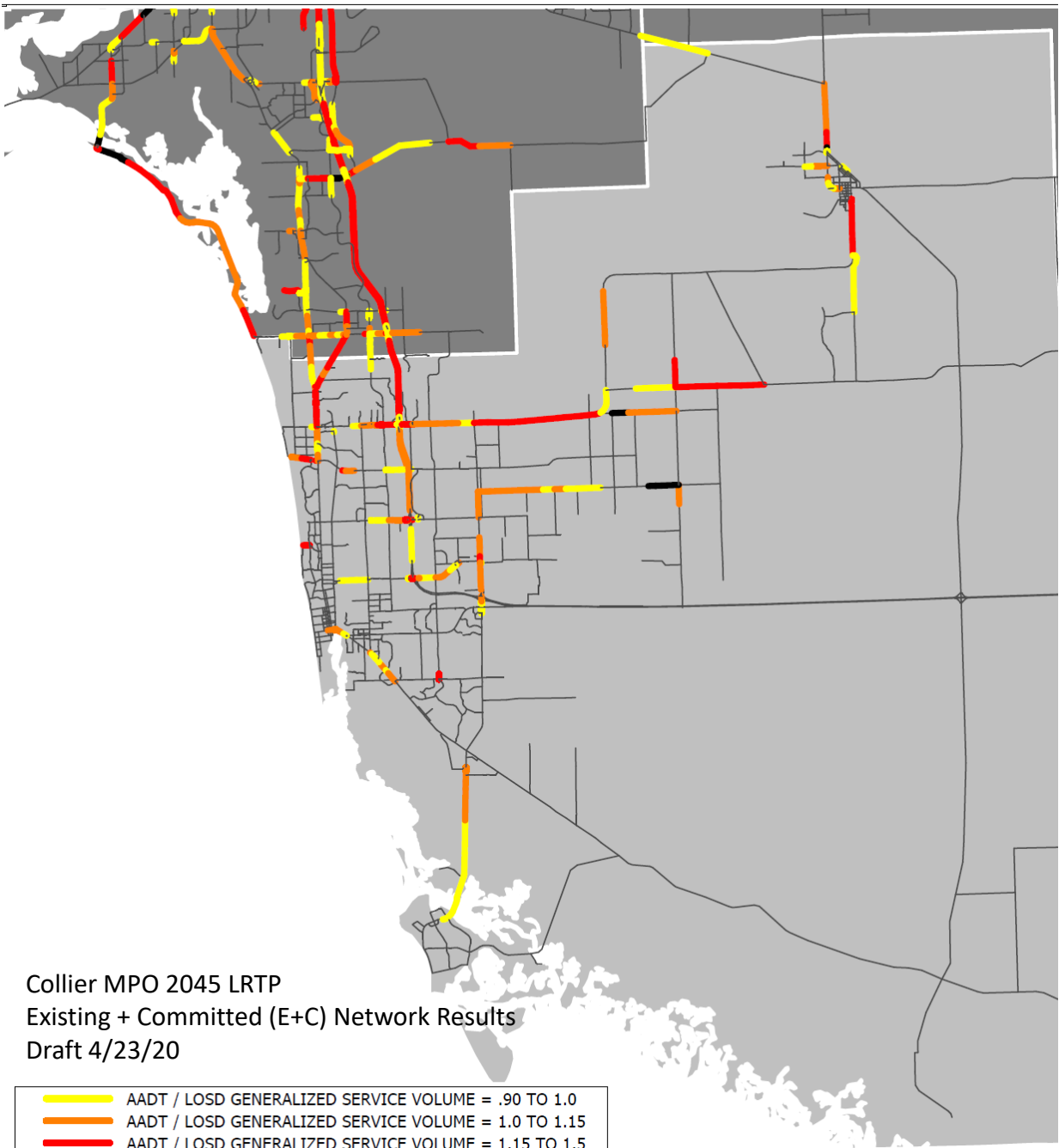
ID	MAP ID	FACILITY	FRON	TO	# of Existing Lanes	PROJECT DESCRIPTION
	41	Randall Blvd at Immokalee Road	Immokalee Road	8th St NE	0	Ultimate intersection improvement; widening Randall Blvd to 6 lanes
	42	Randall Boulevard	8th St NE	Everglades Blvd	2	2-Lane Roadway to 6 Lanes with Outside Paved Shoulder
	43	Randall Boulevard	Everglades Blvd	Desoto Blvd	2	2-Lane Roadway to 4 Lanes with Outside Paved Shoulder
	44	Randall Boulevard	Desoto Blvd	Big Cypress Parkway	0	New 4-Lane Roadway with Outside Paved Shoulder
	45	Santa Barbara Boulevard	Painted Leaf Lane	Green Boulevard	4	Expand from 4-Lane Divided to 6-Lane Divided Arterial
	46	SR 29	North of SR 82	Collier/Hendry Line	2	2-Lane Roadway to 4 Lanes with Paved Shoulders (Includes milling and resurfacing of existing pavement)
	47	SR 29	Oil Well Rd	SR 82	2	2-Lane Roadway to 4 Lanes with Paved Shoulders (Includes milling and resurfacing of existing pavement)
	48	SR 29	I-75 (SR 93)	Oil Well Rd	2	2-Lane Roadway to 4 Lanes with Paved Shoulders (Includes milling and resurfacing of existing pavement)
	49	SR 29	9th St	Immokalee Rd	2	Expand from 2-Lane Undivided with center turn lane to 4-Lane Divided Arterial
	50	SR 29	New Market Road North	North of SR-82	2	Expand from 2-Lane Undivided to 4-Lane Divided Arterial
	51	SR 29	Immokalee Rd	New Market Road North	2	Expand from 2-Lane Undivided with center turn lane to 4-Lane Divided Arterial



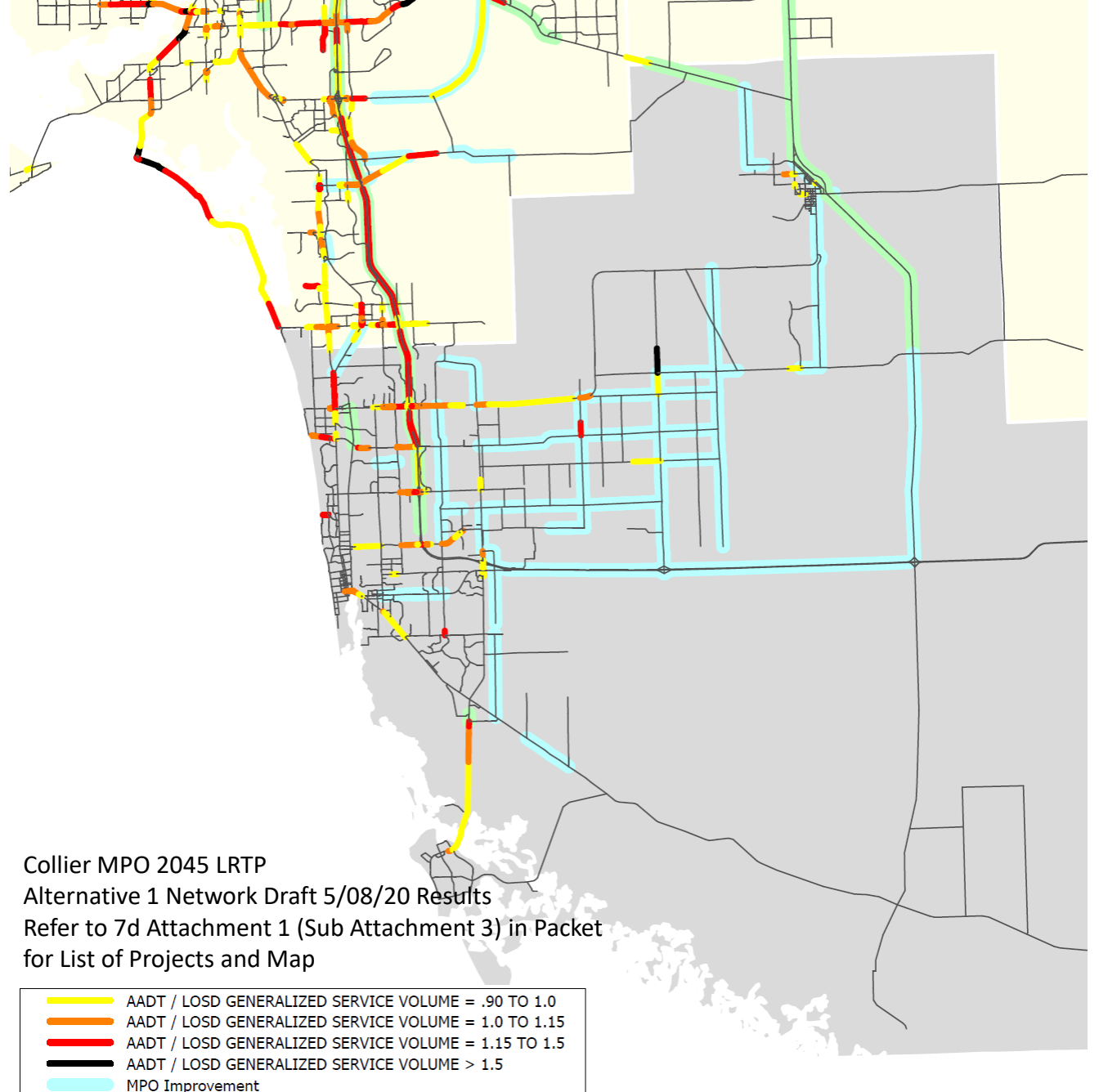
- New 2 Lane
- New 4 Lane
- 4 Lane
- 6 Lane
- - - - - I-75 Managed lanes (Toll)

Collier MPO 2045 LRTP Alternative 1
 Network Draft 4/15/20
 Corresponds to
 ALT01_COLLIERMPO_Projects2045_DRAFT041520.xlsx

COLLIER COUNTY - 2045 EXISTING + COMMITTED NETWORK



COLLIER COUNTY COST FEASIBLE LRTP - ALTERNATIVE 1 IMPROVEMENTS



ATTACHMENT 4

ALTERNATIVE 2 - DRAFT

FDOT Plots AADT/LOSD LOS: Orange = 1.0 to 1.15; Red = 1.15 to 1.50; Black = greater than 1.5

MAP ID	FACILITY	FROM	TO	# of Existing Lanes	# of Alt 1	# of Alt 2	PROJECT DESCRIPTION	NOTES
1	Benfield Road Extension	US 41 (SR 90) (Tamiami Trail East)	City Gate Boulevard North	0	2	2	New 2 lane roadway in a 4 lane footprint	<i>Comment: What is the planned alignment of Benfield Rd?</i> <i>Response: See Attachment 1 for approx. alignment on aerial</i> Benfield is New 2-lane from US 41 to City Gate Blvd North. Benfield Rd Ext includes overpass over I-75. Correction: It is continuous - there is no missing segment.
9	Collier Blvd (CR 951)	Main Golden Gate Canal	Green Blvd	4	4	6	Expand to 6 lanes	Alt 1 = orange; Alt 2 = 6 lanes
10	CR 951 Extension (new)	Collier Blvd (CR 951) northern terminus	Lee/Collier County Line	0	2	2	New 2-lane Arterial to Bonita Beach Road	Correction to alignment - see map mark up
15	Golden Gate Blvd	Everglades Blvd	Desoto Blvd	2	4	4	Expand to 4 lanes	E = 2 lanes Alt 1 (#15)= 4 lanes Alt 2 = 4 lanes
16	Golden Gate Blvd	Desoto Blvd	Big Cypress Parkway	0	2	2	New 4-Lane Road	E = 0 lanes Alt 1 (#16)= New 2 lanes Alt 2 = 4 lanes
22	I-75 (SR-93) Interchange (new)	Everglades Blvd		-	i/c	i/c	New Full Interchange	E = There is no existing interchange Alt 1#22 = new interchange; Alt 1 shows high volumes and traffic to/from Naples [32,000 on Everglades; 2600 on ramps; relief for Collier Blvd] Alt 2 = Alt 1 <i>Test TBD: What happens without this access? (this is not FDOT alternative)</i>
23	I-75 (SR-93) Interchange (modified)	Golden Gate Parkway					(New) 2-Lane Ramp	Alt 1 = Coded as Existing configuration Alt 2 = (New) 2-Lane Ramp GGP@I-75 Further study required; potential overpass at GGP@Livingston
24	I-75 (SR-93) Interchange (modified)	Collier Blvd (CR 951)					Interchange improvements are in design	E+C= orange; Alt = yellow Collier Blvd I/C IN DESIGN Alt 1 = Alt 2
25	I-75 (SR-93) Interchange (modified)	Immokalee Rd					Reconstruction DDI configuration interchange	Alt 2 = Immokalee / I-75 code as DDI
26	I-75 (SR-93) Interchange (modified)	Pine Ridge Rd					Reconstruction DDI configuration interchange	E+C = red; Alt 1 = orange; not coded as DDI Alt 2 = Pine Ridge / I-75 code as DDI
27	I-75 (SR-93) Interchange (new)	Vanderbilt Beach Dr		-	i/c	i/c	New Partial interchange	Alt 1 = Alt 2 = PARTIAL i/c included in Alt 1 to/from north
41	Randall Blvd Intersection	Immokalee Rd					Intersection Improvement Overpass - 2 lanes WB Randall to WB Immokalee	Alt 1 #41 - error - overpass was omitted. Alt 2: Overpass - 2 lanes WB Randall to WB Immokalee; and Randall Blvd from Immokalee to 8th St. Widen to 6 Lanes
51	SR 29/New Market Road W	Immokalee Rd	New Market Road North	2	4	2	2-Lane Undivided	Correction Alt 2: New Market Rd W (SR 29) to remain 2-lane facility: SR 29 Bypass is in design (4-lane from CR 846 E to N of New Market Rd N) (417540-5). SR 29 (New Market Rd W) should be coded 2-lane for this segment.

ALTERNATIVE 2 - DRAFT

FDOT Plots AADT/LOSD LOS: Orange = 1.0 to 1.15; Red = 1.15 to 1.50; Black = greater than 1.5

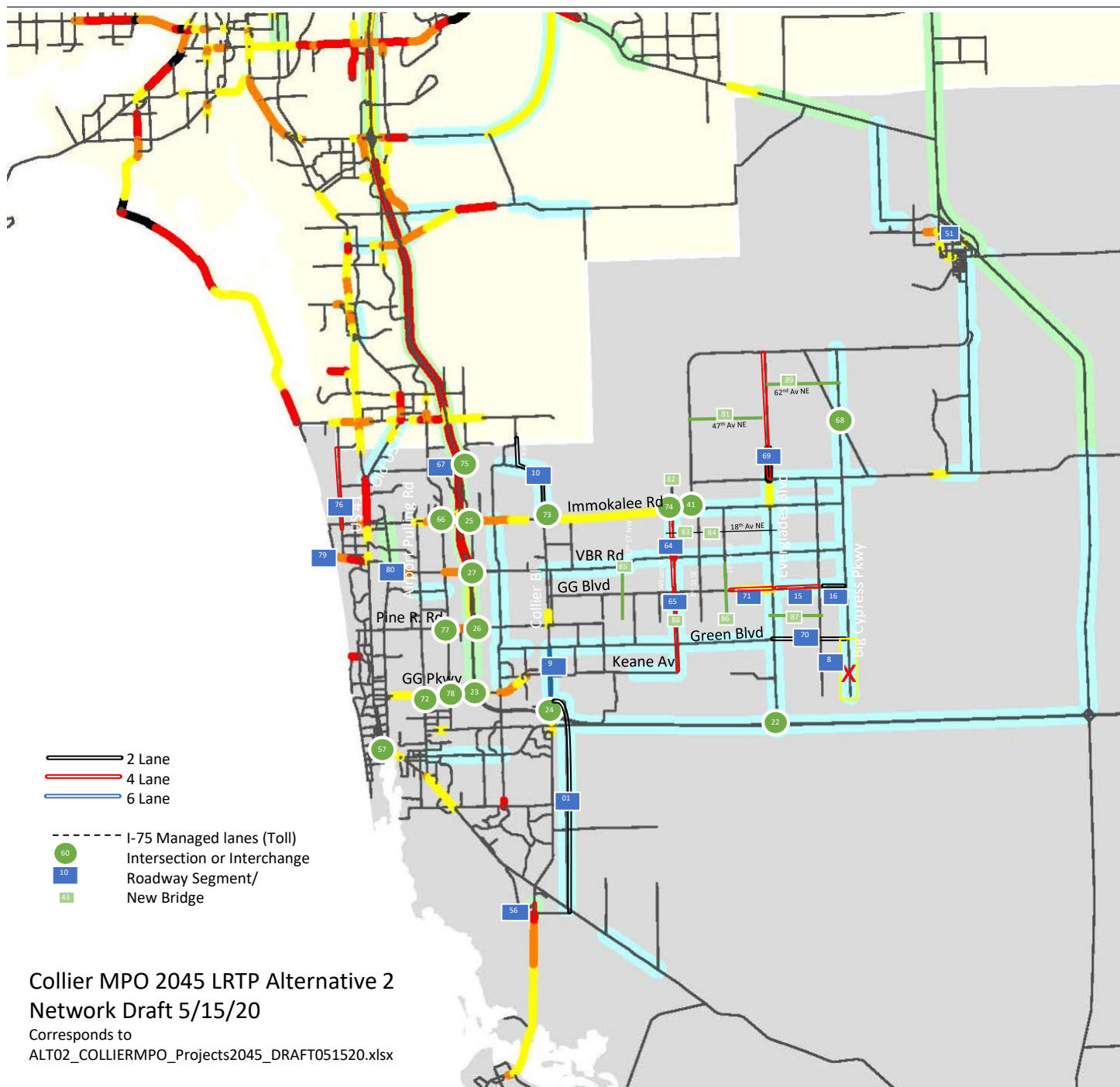
MAP ID	FACILITY	FROM	TO	# of Existing Lanes	# of Alt 1	# of Alt 2	PROJECT DESCRIPTION	NOTES
56	SR 951 (Collier Blvd)	South of Manatee Rd	North of Tower Rd	4	6	6	4-Lane Roadway to 6 Lanes	Alt 2 = correction in the limits
57	US 41 (SR 90) (Tamiami Trail East) intersection	Goodlette Rd					at-grade Intersection	Comment Alt1#57: Is US 41@Goodlette Rd Intersection improvement supposed to be an interchange? Response: At-grade i/s improvement is anticipated; removed from E+C; Study is ongoing. Alt 2 = no improvement
64	Wilson Blvd	Golden Gate Boulevard	Immokalee Rd	2	4	4	Expand to 4 lanes	Alt 1 #64 = red; error - a segment was coded 2 lanes Alt 2 = 4 lanes
65	Wilson Blvd	Keane Rd	Golden Gate Boulevard	2	2	4	Expand to 4 lanes	Alt 1 #64 = red; error - a segment was coded 2 lanes Alt 2 = 4 lanes
66	Immokalee Rd intersection	Livingston Rd					Proposed Overpass (Immokalee over Livingston Rd)	Operation improvements are proposed but not coded. Immokalee Study: Overpass @ Livingston, partial displaced LT Logan and Juliette; and DDI@I-75 Alt 2 = Proposed Overpass (Immokalee over Livingston Rd)
67	Veterans Memorial Blvd Extension	Strand Blvd	I-75	0	0	4	New 4 lane	E+C = Alt 1 = Vet Mem Ext + Expanded 4 Lane; Old US 41 to Strand Bl Alt 2 = Vet Mem Ext to I-75
68	Big Cypress Parkway intersection (new)	Oil Well Grade Rd					New at-grade intersection	Alt 2: New Alignment BCP @ Oil Well Grade Rd - new at grade i/s
69	Everglades Blvd	Oil Well Rd / CR 858	Immokalee Rd	2	2	4	Expand to 4 lane	E+C = red; Alt 1= black (24000, over capacity 17500). Alt 1 = coded 2 lanes on Everglades north of Oil Well Road. Alt 2 = 4 lane from OWR to Immokalee; designated evac route. Correction: connect directly to Oil Well Rd Development; (1) Hyde Park (1800 DU+commercial+government) is on corner of Desoto/Oil Well Road with no access to Everglades; canal blocks access.
70	Green Boulevard Extension	Everglades Blvd	Big Cypress Parkway	0	0	2	New 2 lanes	Alt 2 = New Connection
71	Golden Gate Blvd	16th	Everglades Blvd	4	4	4	4 lanes (under construction)	E = 4 lanes (under construction) Alt 1 = 2 lanes (error, should be 4 lanes) Alt 2 = 4 lanes
72	Golden Gate Parkway intersection	Airport Pulling Road					Existing Overpass (GGP over Airport Bl)	Correction Existing = GGP over Airport SPUI; should be coded as overpass not at-grade i/s.
73	Immokalee Rd (CR 846) intersection	Collier Blvd (CR 951)					Proposed Overpass (Immokalee over Collier Blvd)	Alt 1 = Coded as at-grade; 6 lanes Alt 2: Proposed Overpass (Immokalee over Collier Blvd)
74	Immokalee Rd (CR 846) intersection	Wilson Blvd					Proposed Overpass (Immokalee over Wilson Blvd)	E+C = red; Alt 1 = orange west of Randall 63800 just over capacity for LOS D Wilson Intersection Study by County pending Alt 2: Proposed Overpass (Immokalee over Wilson Blvd)
75	I-75 (SR-93) Interchange (new)	Veterans Memorial Blvd		-	-	i/c	New Partial interchange	Alt 2 = New Ramps to and from southbound








ALTERNATIVE 2 - DRAFT

FDOT Plots AADT/LOSD LOS: Orange = 1.0 to 1.15; Red = 1.15 to 1.50; Black = greater than 1.5

MAP ID	FACILITY	FROM	TO	# of Existing Lanes	# of Alt 1	# of Alt 2	PROJECT DESCRIPTION	NOTES
76	Vanderbilt Drive	Immokalee Rd	Woods Edge Parkway	2	2	4	Expand to 4 lanes	To Relieve US 41; Widening US 41 Not consistent with comp plan; no ROW noted.
77	Pine Ridge Rd intersection	Livingston Rd					Intersection Improvement	Displaced lefts proposed.
78	Golden Gate Parkway intersection	Livingston Rd					Overpass - GGP over Livingston	GGP@I-75 Further study required; potential overpass at GGP@Livingston
79	Vanderbilt Beach Road	Gulf Pavilion Dr	US 41 (SR 90) (Tamiami Trail East)	4	4	4	Constrained to 4 lanes	Alt 1: Constrained to 4 lanes; 36000 near intersection; capacity is 29850; Correction: Change access in TAZ to US 41 from shopping center. Shopping Mall and Neighborhood 13K coming out of TAZ
80	Vanderbilt Beach Road	Goodlette-Frank Road	Airport Pulling Road	4	4	6	Expand to 6 lanes (in design)	Alt 1 = 4 lanes (error, under design for 6 lanes) Alt 2 = Expand to 6 lanes
81	Bridge @ 47th Avenue NE	West of Everglades Boulevard					New Bridge over Canal	
82	Bridge @ Wilson Boulevard	South of 33rd Avenue NE					New Bridge over Canal	
83	Bridge @ 18th Ave NE	between Wilson Boulevard N and 8th Street NE					New Bridge over Canal	
84	Bridge @ 18th Ave NE	between 8th Street NE and 16th Street NE					New Bridge over Canal	
85	Bridge @ 13th Street NW	north end at proposed Vanderbilt Beach Road Extension					New Bridge over Canal	Part of VBR Rd Ext
86	Bridge @ 16th Street SE	South end					New Bridge over Canal	
87	Bridge @ Location TBD - Assume 10th Avenue SE	East of Everglades Blvd					New Bridge over Canal	
88	Bridge @Wilson Boulevard South, south end						New Bridge over Canal	
89	Bridge @ 62nd Avenue NE	West of 40th Street NE					New Bridge over Canal	

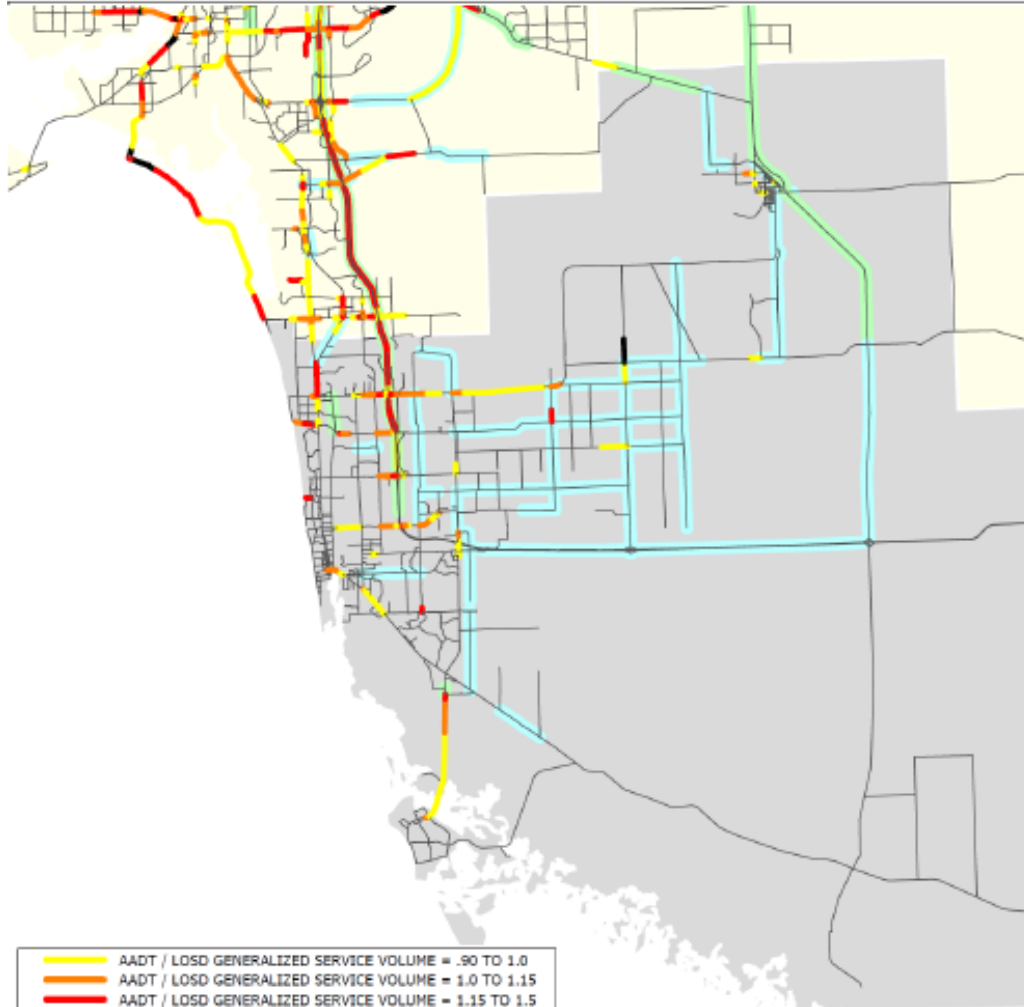
Correction per Alt 1 (Map ID # is same as Alt 1)
New Project to Alt 2 (New Map ID #)



-  2 Lane
-  4 Lane
-  6 Lane
-  I-75 Managed lanes (Toll)
-  Intersection or Interchange
-  Roadway Segment/
-  New Bridge

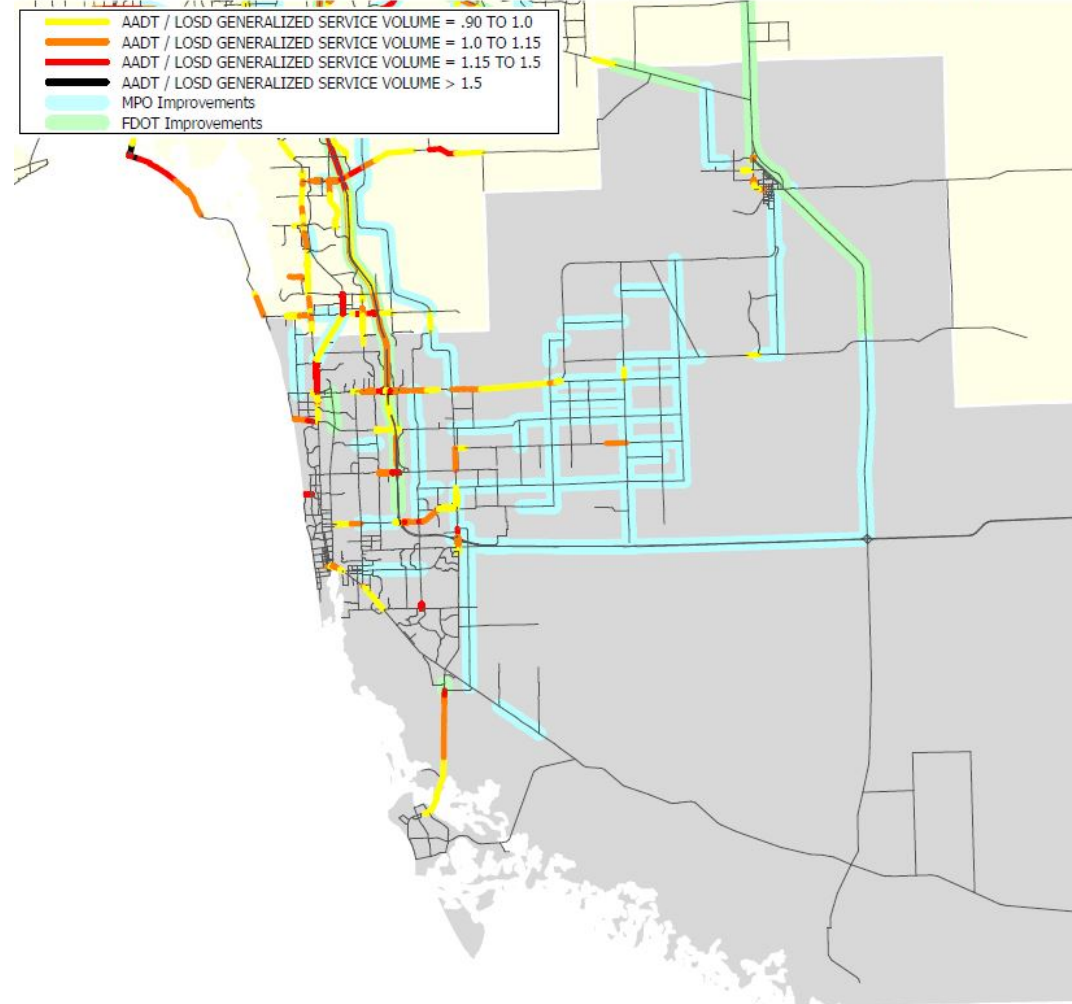
Collier MPO 2045 LRTP Alternative 2
 Network Draft 5/15/20
 Corresponds to
 ALT02_COLLIERMPO_Projects2045_DRAFT051520.xlsx

COLLIER COUNTY COST FEASIBLE LRTP - ALTERNATIVE 1 IMPROVEMENTS

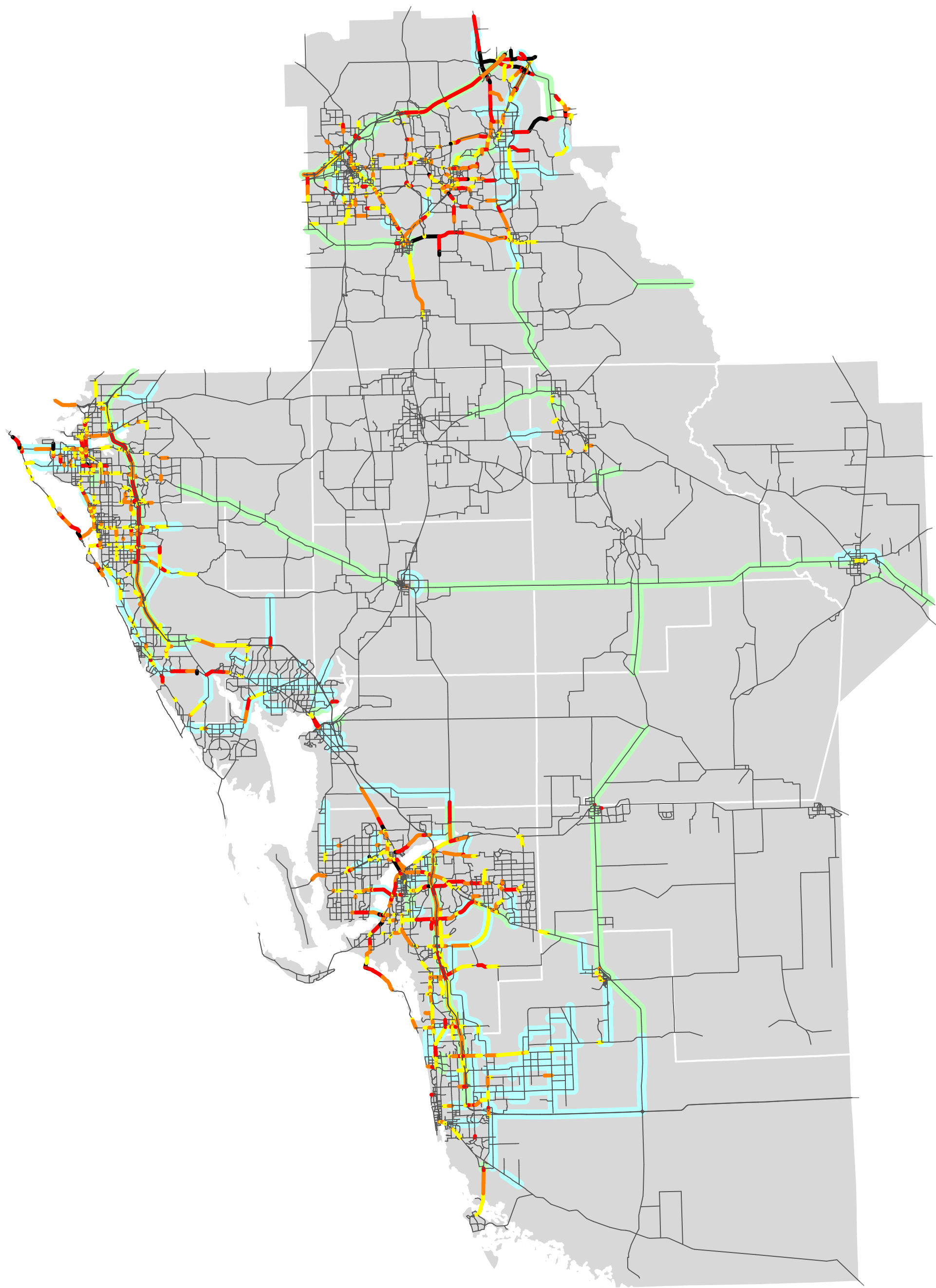


- AADT / LOSD GENERALIZED SERVICE VOLUME = .90 TO 1.0
- AADT / LOSD GENERALIZED SERVICE VOLUME = 1.0 TO 1.15
- AADT / LOSD GENERALIZED SERVICE VOLUME = 1.15 TO 1.5
- AADT / LOSD GENERALIZED SERVICE VOLUME > 1.5
- MPO Improvement
- FDOT Improvement

COLLIER COUNTY COST FEASIBLE LRTP - ALTERNATIVE 2 IMPROVEMENTS (6-1-20)



- AADT / LOSD GENERALIZED SERVICE VOLUME = .90 TO 1.0
- AADT / LOSD GENERALIZED SERVICE VOLUME = 1.0 TO 1.15
- AADT / LOSD GENERALIZED SERVICE VOLUME = 1.15 TO 1.5
- AADT / LOSD GENERALIZED SERVICE VOLUME > 1.5
- MPO Improvements
- FDOT Improvements



- AADT / LOSD GENERALIZED SERVICE VOLUME = .90 TO 1.0
- AADT / LOSD GENERALIZED SERVICE VOLUME = 1.0 TO 1.15
- AADT / LOSD GENERALIZED SERVICE VOLUME = 1.15 TO 1.5
- AADT / LOSD GENERALIZED SERVICE VOLUME > 1.5
- MPO Improvement
- FDOT Improvement