

TECHNICAL ADVISORY COMMITTEE

Ocala Citizens Service Center 201 SE 3rd Street, Ocala FL 34471 2nd Floor Training Room

> January 9, 2018 10:00 AM

AGENDA

- 1. CALL TO ORDER AND ROLL CALL
- 2. PROOF OF PUBLICATION
- 3. ACTION ITEMS

A. TIP AMENDMENT

TIP Amendment for Oak Road Rail Crossing Improvements. This project was selected for funding to update the constant warning timing device/unit at the crossing.

B. TIP AMENDMENT

TIP Amendment for Emerald Road Rail Crossing Improvements. This project was selected for funding to update the constant warning timing device/unit at the crossing and to install gates and flashing lights.

C. SAFETY PERFORMANCE MEASURES AND TARGETS

Staff will present and is requesting approval of the following five proposed safety targets and performance measures as required by the Federal Highway Administration (FHWA) for all public roads:

- 1. Number of fatalities;
- 2. Rate of fatalities per 100 Million Vehicle Miles Traveled (VMT);
- 3. Number of serious injuries;
- 4. Rate of serious injuries per 100 Million VMT; and
- 5. Number of non-motorized fatalities and non-motorized serious injuries.
- 4. COMMENTS BY FDOT
- 5. COMMENTS BY TPO STAFF
- 6. COMMENTS BY TAC MEMBERS

7. PUBLIC COMMENT (Limited to 5 minutes)

8. ADJOURNMENT

If reasonable accommodations are needed for you to participate in this meeting, please call the TPO Office at (352) 629-8297 forty-eight (48) hours in advance, so arrangements can be made.

The next regular meeting of the Technical Advisory Committee will be held on **February 13, 2018.**



January 5, 2017

TO: TAC/CAC Members

FROM: Kenneth Odom, Transportation Planner

RE: FY 2017/2018-2021/2022 TIP AMENDMENT

In order to ensure that the Ocala/Marion County TIP reflects the most current project information, it is necessary to periodically amend the document. Amendments to the TIP are typically required:

- To add or delete a project;
- To change the state or federal funding allocation of a project;
- To change the year of anticipated funding of a project phase;
- To change the scope of work of a project;
- To change the source of federal or state funds.

The FDOT is requesting the TIP be amended to reflect the addition of two projects. They are as follows:

- 442769-1: Oak Road Rail Crossing #627226. Add \$43k CST FY 2018
 - Install constant warning timing devices.
- 442770-1: Emerald Road Rail Crossing #627225-P. Add \$78k CST FY 2018
 - o Install constant warning timing devices and flashing light.

Specific details regarding the addition of this project and the associated funding changes will be discussed at the November 28th, 2017 meeting.

If you have any questions prior to the upcoming meeting, please contact our office at 629-8297.









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January 9 2017

TO: TAC/CAC Committee Members

FROM: Michael Daniels, Director

SUBJECT: Safety Targets and Performance Measures

Nationally, state-specific, and locally, transportation plans exist to enhance safety for all users of the transportation system. A coordinated effort to connect all of the safety plans has long been in effect in the transportation realm, but over the last two years, a system of Performance Management has led to a greater push for comprehensive and coordinated transportation and safety planning. Performance Measures for Safety have been developed by the Federal Highway Administration (FHWA), for which targets are being established cooperatively between the Florida Department of Transportation (FDOT) and MPO's within the State of Florida (as well as nationally). Through this coordinated effort, the goals of the Highway Safety Improvement Program (HSIP), Highway Safety Plan (HSP), Strategic Highway Safety Plan (SHSP), and region-specific safety and transportation plans can be shown to guide and support one another. In August of 2017, the FDOT adopted a target of "Zero" for the five (5) safety performance measures adopted by the Federal Highway Administration (FHWA) for all public roads. The Performance Measures, along with a brief description of each is provided in the following table:

Performance Measure	Description
Number of fatalities	The total number of persons suffering fatal injuries in a motor vehicle crash during a calendar year.
Rate of fatalities per 100 Million Vehicle Miles Traveled (VMT)	The ratio of total number of fatalities to the number of vehicle miles traveled (VMT, in 100 Million VMT) in a calendar year.
Number of serious injuries	The total number of persons suffering at least one serious injury in a motor vehicle crash during a calendar year.
Rate of serious injuries per 100 Million VMT	The ratio of total number of serious injuries to the number of VMT (in 100 Million VMT) in a calendar year.
Number of non-motorized	The combined total number of non-motorized fatalities and non-
fatalities and non-motorized	motorized serious injuries involving a motor vehicle during a
serious injuries	calendar year.

FDOT Adopted Measures	Target	Interim Performance Measure
Number of fatalities	0	3,052
Rate of fatalities per 100 Million Vehicle Miles Traveled (VMT)	0	1.65
Number of serious injuries	0	20,861
Rate of serious injuries per 100 Million VMT	0	11.06
Number of non-motorized fatalities and non- motorized serious injuries	0	3,447

Upon adoption by the Florida Department of Transportation (FDOT) of a target of "Zero" and the Interim Performance Measures, the Ocala / Marion TPO, along with all the other Metropolitan Planning Organizations in the State of Florida, were given 180 days to adopt their targets for the safety measures. The TPO must adopt its Performance Measures and Targets by February 27, 2018.

MPO's were granted the option of either adopting/supporting the State target, or establishing a specific number or rate for each performance measure. MPOs that choose to establish a rate for a target are required to report not only the estimate used for VMT to establish the target rate, but also the methodology used to arrive at the overall VMT estimate.

RECOMMENDATION

Utilizing data provided to the TPO from FDOT and the FHWA (provided below), staff has established an average result for each performance measure from the years 2011 through 2016. The averages were utilized as the 2018 target and performance measure for each Safety Measure. These resulting draft targets are as follows:

Draft Safety Performance Measures	Target and Performance Measure
Number of fatalities	61
Rate of fatalities per 100 Million Vehicle Miles Traveled (VMT)	1.48
Number of serious injuries	327
Rate of serious injuries per 100 Million VMT	7.99
Number of non-motorized fatalities and non-motorized serious injuries	40

NEXT STEPS

The final proposed safety targets and performance measures for the TPO will be provided to the TPO Board at the January, 2018 Meeting for final adoption.

If you have any questions regarding the ranking of this specific project please contact me in our office at (629-8297).

MPO/TPO			Ave	rage Ar	ataliti	ies ¹		Average Annual Serious Injuries ²								Average Annual Fatality Rates ³							rage Anr	nual S	Serious Inju	Average Annual Pedestrian and Bicyclist Fatalities and Serious Injuries5									
			2010	0-14	2011	-15	2012	-16	2009-13	2010	-14	2011	-15	2012-	-16	2009-13	2010)-14	2011	-15	2012-1	6 20	009-13	2010-14		2011-15	2012	2-16	2009-13	2010-	-14	2011-	-15	2012-	.6
		Average	Average	%∆ /	Average	%∆	Average	%∆	Average	Average	%∆	Average	%∆	Average	%∆	Average	Average	%∆	Average	%∆ A	verage	%∆ A\	verage A	verage %	6 <u>A</u> A	Average %∆	Average	%∆	Average	Average	%∆	Average	%∆ /	Average	%∆
Space Coast TPO	Single County	63.8	66.2	3.8%	69.6	5.1%	74.8	7.5%	587.0	607.4	3.5%	601.4	-1.0%	630.8	4.9%	1.053	1.101	3.8%	1.159	5.1%	1.218	7.5%	9.666	10.097	4.5%	10.033 -0.6%	10.363	3.3%	79.8	82.2	3.0%	86.6	5.4%	90.2	4.2%
Charlotte County-Punta Gorda MPO	Single County	22.8	21.0	-7.9%	21.4	1.9%	22.6	5.6%	164.2	149.2	-9.1%	134.6	-9.8%	127.0	-5.6%	1.048	0.965	-7.9%	0.969	1.9%	0.998	5.6%	7.555	6.864 -	9.1%	6.127 -10.7%	5.676	-7.4%	24.2	23.0	-5.0%	21.4	-7.0%	20.4	-4.7%
Broward MPO	Single County	178.4	175.0	-1.9%	183.0	4.6%	199.6	9.1%	2,080.6	2,004.0	-3.7%	1,888.8	-5.7%	1,776.0	-6.0%	1.099	1.074	-1.9%	1.109	4.6%	1.205	9.1%	12.801	12.278 -	4.1%	11.447 -6.8%	10.797	-5.7%	351.4	350.6	-0.2%	341.4	-2.6%	352.2	3.2%
Okaloosa-Walton TPO	Multiple Counties, not countywide		S	ee individu	ual counti	ies below	V			Se	ee individ	ual count	ies belov	V			S	ee individu	ual count	es below				See ir	ndividu	al counties belov	W		See individual counties below						
Gainesville MTPO	Single County, not countywide	2	9	See individ	lual count	ty below				5	ee indivi	dual coun	ty below				9	See individ	dual coun	ty below				See i	ndividu	ual county below	1		See individual county below						
Hernando/Citrus MPO	Multiple Counties	50.6	47.0	-7.1%	49.2	4.7%	49.8	1.2%	448.4	428.8	-4.4%	445.0	3.8%	461.2	3.6%	1.527	1.416	-7.1%	1.471	4.7%	1.464	1.2%	13.548	12.926 -	4.6%	13.329 3.1%	13.560	1.7%	34.4	36.2	5.2%	41.0	13.3%	43.2	5.4%
Hillsborough County MPO	Single County	157.6	161.0	2.2%	168.4	4.6%	183.8	9.1%	2,066.2	1,921.6	-7.0%	1,752.0	-8.8%	1,618.0	-7.6%	1.245	1.266	2.2%	1.308	4.6%	1.400	9.1%	16.296	15.106 -	7.3%	13.650 -9.6%	12.430	-8.9%	254.8	249.6	-2.0%	246.0	-1.4%	242.6	-1.4%
Indian River County MPO	Single County, not countywide	de See individual county below						See individual county below							See individual county below							See individual county below							See individual county below						
North Florida MPO	Multiple Counties	168.4	172.8	2.6%	183.4	6.1%	201.4	9.8%	1,261.0	1,299.2	3.0%	1,341.4	3.2%	1,371.0	2.2%	1.112	1.136	2.6%	1.188	6.1%	1.272	9.8%	8.329	8.547	2.6%	8.717 2.0%	8.727	0.1%	174.2	181.8	4.4%	191.8	5.5%	196.2	2.3%
Polk TPO	Single County	90.4	94.2	4.2%	99.8	5.9%	108.6	8.8%	566.4	539.0	-4.8%	499.6	-7.3%	480.8	-3.8%	1.520	1.541	4.2%	1.579	5.9%	1.648	8.8%	9.503	8.840 -	7.0%	7.959 -10.0%	7.392	-7.1%	63.0	65.2	3.5%	63.6	-2.5%	67.4	6.0%
Lee County MPO	Single County	75.2	75.6	0.5%	81.0	7.1%	87.0	7.4%	456.6	458.0	0.3%	460.4	0.5%	499.0	8.4%	1.164	1.140	0.5%	1.187	7.1%	1.229	7.4%	7.067	6.921 -	2.1%	6.786 -2.0%	7.101	4.6%	76.8	80.0	4.2%	84.0	5.0%	91.0	8.3%
Martin MPO	Single County	26.2	23.6	-9.9%	24.2	2.5%	25.4	5.0%	124.6	116.4	-6.6%	107.0	-8.1%	103.0	-3.7%	1.273	1.162	-9.9%	1.186	2.5%	1.246	5.0%	6.054	5.739 -	5.2%	5.269 -8.2%	5.117	-2.9%	17.6	17.4	-1.1%	16.2	-6.9%	14.0	-13.6%
Miami-Dade Urbanized Area MPO	Single County	242.8	246.6	1.6%	265.0	7.5%	273.8	3.3%	1,959.0	1,992.0	1.7%	1,992.2	0.0%	1,894.4	-4.9%	1.263	1.284	1.6%	1.378	7.5%	1.417	3.3%	10.206	10.383	1.7%	10.386 0.0%	9.854	-5.1%	411.8	425.8	3.4%	446.0	4.7%	436.0	-2.2%
Collier County MPO	Single County	37.2	37.2	0.0%	38.8	4.3%	38.0	-2.1%	184.0	174.0	-5.4%	175.2	0.7%	177.2	1.1%	1.169	1.160	0.0%	1.183	4.3%	1.125	-2.1%	5.790	5.445 -	6.0%	5.388 -1.0%	5.252	-2.5%	37.2	38.6	3.8%	37.6	-2.6%	40.0	6.4%
Ocala/Marion County TPO	Single County	61.8	60.6	-1.9%	60.0	-1.0%	61.6	2.7%	423.0	359.4	-15.0%	326.8	-9.1%	327.8	0.3%	1.537	1.507	-1.9%	1.475	-1.0%	1.478	2.7%	10.501	8.952 -1	4.8%	8.069 -9.9%	7.894	-2.2%	41.8	39.0	-6.7%	38.0	-2.6%	41.2	8.4%
METROPLAN Orlando	Multiple Counties	208.8	210.6	0.9%	218.4	3.7%	226.0	3.5%	1,539.6	1,893.0	23.0%	2,318.6	22.5%	2,640.0	13.9%	1.049	1.049	0.9%	1.073	3.7%	1.089	3.5%	7.748	9.401 2	1.3%	11.309 20.3%	12.627	11.7%	261.2	300.0	14.9%	341.8	13.9%	375.8	9.9%
Bay County TPO	Single County	24.0	24.4	1.7%	27.2	11.5%	30.0	10.3%	257.4	250.4	-2.7%	255.2	1.9%	234.6	-8.1%	1.322	1.340	1.7%	1.476	11.5%	1.596	10.3%	14.172	13.761 -	2.9%	13.897 1.0%	12.559	-9.6%	29.8	29.4	-1.3%	34.4	17.0%	37.6	9.3%
Pasco County MPO	Single County	69.4	67.8	-2.3%	66.8	-1.5%	71.4	6.9%	855.4	871.0	1.8%	933.0	7.1%	1,032.6	10.7%	1.735	1.660	-2.3%	1.592	-1.5%	1.661	6.9%	21.416	21.279 -	0.6%	22.077 3.8%	23.905	8.3%	105.6	109.6	3.8%	109.0	-0.5%	115.6	6.1%
Florida-Alabama TPO	Multiple Counties, not countywide		S	ee individu	ual counti	es below	v			Se	ee individ	ual count	ies belov	v			S	ee individu	ual count	es below				See ir	ndividu	al counties below	N		See individual counties below						
Pinellas County MPO	Single County	99.0	101.4	2.4%	102.8	1.4%	105.8	2.9%	1,270.0	1,217.8	-4.1%	1,194.6	-1.9%	1,175.2	-1.6%	1.229	1.272	2.4%	1.296	1.4%	1.310	2.9%	15.746	15.258 -	3.1%	15.068 -1.2%	14.594	-3.1%	212.4	213.8	0.7%	217.2	1.6%	221.0	1.7%
Sarasota/Manatee MPO	Multiple Counties	81.0	81.6	0.7%	87.4	7.1%	99.8	14.2%	770.8	777.8	0.9%	907.0	16.6%	1,131.2	24.7%	1.103	1.104	0.7%	1.160	7.1%	1.289	14.2%	10.492	10.497	0.0%	11.986 14.2%	14.504	21.0%	127.8	134.2	5.0%	142.8	6.4%	160.0	12.0%
St Lucie TPO	Single County	30.0	29.8	-0.7%	31.0	4.0%	33.6	8.4%	187.4	174.0	-7.2%	166.6	-4.3%	165.0	-1.0%	0.967	0.956	-0.7%	0.985	4.0%	1.064	8.4%	6.027	5.562 -	7.7%	5.276 -5.1%	5.236	-0.8%	26.6	28.4	6.8%	26.8	-5.6%	24.0	-10.4%
Capital Region TPA	Multiple Counties	55.4	53.0	-4.3%	51.4	-3.0%	55.6	8.2%	351.8	313.6	-10.9%	278.6	-11.2%	266.0	-4.5%	1.299	1.249	-4.3%	1.208	-3.0%	1.279	8.2%	8.203	7.360 -1	0.3%	6.539 -11.2%	6.143	-6.1%	41.8	41.4	-1.0%	42.4	2.4%	44.0	3.8%
River to Sea TPO						Se	ee individ	ual count	ies belov	v			S	ee individ	ual count	es below	•	Ī		See ir	ndividu	al counties below	N		See individual counties below										
Palm Beach MPO	Single County	131.4	127.0	-3.3%	139.8	10.1%	153.4	9.7%	1,047.0	1,039.8	-0.7%	1,026.2	-1.3%	1,054.2	2.7%	1.066	1.022	-3.3%	1.100	10.1%	1.185	9.7%	8.493	8.366 -	1.5%	8.105 -3.1%	8.195	1.1%	190.0	193.4	1.8%	200.6	3.7%	203.2	1.3%
Lake-Sumter MPO	Multiple Counties	62.0	61.2	-1.3%	64.4	5.2%	66.4	3.1%	369.4	348.8	-5.6%	340.4	-2.4%	364.6	7.1%	1.436	1.385	-1.3%	1.410	5.2%	1.423	3.1%	8.571	7.879 -	8.1%	7.425 -5.8%	7.742	4.3%	37.2	39.6	6.5%	38.8	-2.0%	40.8	5.2%
Heartland Regional TPO	Multiple Counties	57.6	55.8	-3.1%	57.4	2.9%	60.8	5.9%	331.2	310.4	-6.3%	299.8	-3.4%	342.0	14.1%	2.053	1.996	-3.1%	2.025	2.9%	2.105	5.9%	11.785	11.089 -	5.9%	10.577 -4.6%	11.750	11.1%	32.4	35.0	8.0%	33.2	-5.1%	32.6	-1.8%

FDOT Count	County Name	МРО/ТРО		Ave	erage A	\nnual	Fatalit	ies ¹		,	Averag	e Annu	ıal Seri	ous Inj	juries ²			Averag	e Ann	ual Fata	ality R	ates ³		Av	erage A	Innual	Seriou	s Injury	Rates	54		_	nnual Pe			d Bicyclis ries5	it
			2009-13	201	0-14	2013	1-15	201	2-16	2009-13	2010	-14	2011-	-15	2012-1	L6	2009-13	2010-	14	2011-	-15	2012	-16	2009-13	2010	2010-14 2011-		-15 2012-16		-16	2009-13	2010-14		2011-	15	2012-16	ۏ
			Average	Average	: %∆	Average	%∆	Average	. %Δ	Average	Average	%∆	Average	%∆	Average	%∆	Average	Average	%∆	Average	%∆	Average	%∆	Average	Average	%∆ /	Average	%∆ A	verage	%∆	Average /	Average	%∆ /	Average	%∆ /	Average	%∆
26	Alachua	Gainesville MTPO	30.6	30.6	0.0%	32.8	7.2%	36.6	11.6%	302.8	275.8	-8.9%	265.6	-3.7%	264.0	-0.6%	1.080	1.073	-0.6%	1.137	6.0%	1.242	9.2%	10.669	9.677	-9.3%	9.217	-4.8%	8.959	-2.8%	37.6	38.2	1.6%	37.0	-3.1%	37.8	2.2%
48	Escambia	Florida-Alabama TPO	40.8	41.6	2.0%	44.2	6.3%	44.4	0.5%	472.2	377.8	-20.0%	321.4	-14.9%	281.6	-12.4%	1.206	1.228	1.8%	1.298	5.7%	1.289	-0.7%	13.954	11.152	-20.1%	9.450	-15.3%	8.182	-13.4%	66.0	60.2	-8.8%	55.4	-8.0%	54.4	-1.8%
58	Santa Rosa	Florida-Alabama TPO	23.8	22.2	-6.7%	21.8	-1.8%	20.0	-8.3%	262.2	233.0	-11.1%	218.0	-6.4%	189.6	-13.0%	1.189	1.105	-7.1%	1.081	-2.2%	0.978	-9.5%	13.105	11.602	-11.5%	10.821	-6.7%	9.245	-14.6%	16.4	15.2	-7.3%	15.0	-1.3%	15.8	5.3%
57	Okaloosa	Okaloosa-Walton TPO	22.0	24.0	9.1%	27.0	12.5%	26.6	-1.5%	231.4	212.4	-8.2%	202.4	-4.7%	184.0	-9.1%	1.066	1.153	8.2%	1.284	11.4%	1.247	-2.9%	11.232	10.227	-8.9%	9.681	-5.3%	8.675	-10.4%	28.6	29.0	1.4%	30.8	6.2%	28.6	-7.1%
60	Walton	Okaloosa-Walton TPO	19.4	18.2	-6.2%	14.2	-22.0%	14.2	0.0%	143.4	138.2	-3.6%	137.8	-0.3%	121.0	-12.2%	1.684	1.561	-7.3%	1.198	-23.3%	1.160	-3.2%	12.434	11.849	-4.7%	11.609	-2.0%	9.954	-14.3%	8.6	9.0	4.7%	9.4	4.4%	8.6	-8.5%
73	Flagler	River to Sea TPO	18.4	20.0	8.7%	17.8	-11.0%	18.4	3.4%	176.2	160.0	-9.2%	137.8	-13.9%	119.4	-13.4%	1.720	1.798	4.5%	1.542	-14.2%	1.504	-2.5%	16.497	14.757	-10.5%	12.239	-17.1%	10.274	-16.1%	13.6	14.2	4.4%	15.8	11.3%	15.6	-1.3%
79	Volusia	River to Sea TPO	94.4	93.0	-1.5%	89.2	-4.1%	96.4	8.1%	691.8	658.2	-4.9%	630.2	-4.3%	638.4	1.3%	1.716	1.697	-1.1%	1.624	-4.3%	1.715	5.6%	12.573	12.019	-4.4%	11.485	-4.4%	11.387	-0.9%	92.2	92.8	0.7%	89.0	-4.1%	88.8	-0.2%
88	Indian River	Indian River County MPO	20.0	19.8	-1.0%	19.4	-2.0%	20.6	6.2%	117.2	119.0	1.5%	115.8	-2.7%	127.2	9.8%	1.333	1.312	-1.6%	1.262	-3.8%	1.322	4.8%	7.817	7.885	0.9%	7.568	-4.0%	8.194	8.3%	14.2	14.6	2.8%	16.2	11.0%	17.6	8.6%

Single-county MPO/TPOs that encompass the entire limits of the county are calculated using the total county fatalities, serious injuries and traffic volumes summed for all of the included counties and are combined totals and rates calculated based on combined totals and combined totals are combined totals.

DATA SOURCES: fatality and serious injury counts from Florida Dept. of Transportation (FDOT) State Safety Office's Crash Analysis Reporting (CAR) database as of November 8, 2017; traffic volumes as published by the FDOT office of Transportation Data and Analytics at http://www.fdot.gov/planning/statistics/mileage-rpts/

- 1. The average number of fatalities per year is the sum of the annual total fatalities for each year in the range divided by 5, to one decimal place. Fatalities are individuals listed on a Florida Traffic Crash Report (FTCR) form with injury code "5" fatal (within 30 days).
- 2. The average number of serious injuries per year is the sum of the annual total serious injuries for each year in the range divided by 5, to one decimal place. Serious injuries are individuals listed on an FTCR form with injury code "4" incapacitating.
- 3. The average fatality rate is an average of the yearly rate figures for the years in the range, to three decimal places. Each yearly rate is calculated by dividing the total traffic volume for the year. Traffic volume is expressed in 100 Million Vehicle-Miles and is the Daily Vehicle-Miles Traveled (sum for the region of the counts of vehicles per day times the length of the segments associated with the traffic) times the number of days in the year, divided by 100,000,000. This yields an annual volume of Vehicle-Miles. The number of fatalities divided by the traffic volume is the annual fatality rate. This measure averages the five annual rates within the measurement window and does NOT use the cumulative five-year fatalities over the cumulative five-year traffic volume.
- 4. The average serious injury rate is an average of the yearly rate figures for the years in the range, to three decimal places. Each yearly rate is calculated by dividing the total traffic volume for the year. See (3) above for an explanation of traffic volume. The same traffic volume figure is used here in the same way.
- 5. The average number of combined fatalities and serious injuries for bicyclists and pedestrian serious injuries for each year in the range divided by 5, to one decimal place. Bicyclist and pedestrian fatalities and serious injuries are individuals listed on an FTCR form as Non-Motorist with a Non-Motorist Description code of "01" (pedestrian), "02" (other pedestrian), "03" (bicyclist) or "04" (other cyclist) and with injury code "5" fatal (within 30 days) or injury code "4" incapacitating.

NOTE: Crash reports that reveal the personal information concerning the parties involved in the crash and that are held by any agency that regularly receives or prepares information from or concerning the parties to motor vehicle crashes are confidential and exempt from the provisions of Section 119.07(1), F.S. for a period of 60 days after the date the report is filed. (Section 316.066 (2)(a), F.S.) The information contained within or attached to this message has been compiled from information collected for the purpose of identifying, evaluating or planning safety enhancements. It is used to develop highway funds. Any document displaying this notice shall be used only for the purposes deemed appropriate by the Florida Department of Transportation. See Title 23, United States Code, Section 409. Pursuant to Title 23 U.S.C Section 409, the information provided to you is not subject to discovery and is not admissible into evidence.

Ocala / Marion County TPO Safety Targets

Number of Fatalities: 61

Based on data provided by the Florida Department of Transportation (FDOT), the average for total fatalities within Marion County on public roads between 2011 and 2016 was 61. The Ocala/Marion County TPO is recommending an interim performance measure of 61 for the year 2018, which would indicate no worsening of the condition on average.

Number of Serious Injuries: 327

Based on data provided by FDOT, the average for the number of serious injuries within Marion County region on public roads between 2011 and 2016 was 327. The Ocala/Marion County TPO is recommending an interim performance measure of 327 for the year 2018, which would indicate no worsening of the condition on average.

Fatality Rate: 1.48

Based on data provided by FDOT, the average fatality rate per 100 million VMT within Marion County on public roads between 2011 and 2016 was 1.48. The Ocala/Marion County TPO is recommending an interim performance measure of 1.48 for the year 2018, which would indicate no worsening of the condition on average.

Serious Injury Rate: 7.99

Based on data provided by FDOT, the average rate for total serious injuries within Marion County on public roads between 2011 and 2016 was 7.99. The Ocala/Marion County TPO is recommending an interim performance measure of 7.99 for the year 2018 which would indicate no worsening of the condition on average.

Total Number of Non-Motorized Fatalities and Serious Injuries: 43

Based on data provided by FDOT, the average number of non-motorized fatalities and serious injuries within Marion County on public roads between 2011 and 2016 was 43. The Ocala/Marion TPO is recommending an interim performance measure of 43 for the year 2018, which would indicate no worsening of the condition on average.

Safety Performance Targets

Calendar Year 2018 Targets *

Number of Fatalities

Describe the basis for established target, including how it supports SHSP goals.

Based on statistical forecasting, the five-year rolling average for total fatalities on Florida's roads is forecast to be between 2,716 and 3,052 in 2018. This forecast was made by combining FARS data with current state data from 2009 to 2016 to predict probable outcomes for 2017 and 2018. Florida's target for fatalities is zero in 2018. While the data forecast indicates Florida's five year rolling average for fatalities could continue to trend upward in 2017 and 2018, the FDOT State Safety Office expects the projects chosen for funding will mitigate the data forecast and ultimately reduce the number of traffic fatalities. An interim performance measure is required by our federal funding agencies to receive federal funding. We firmly believe that every life counts and although our target for fatalities is zero in 2018, Florida has forecast an interim performance measure of 3,052 to satisfy the federal requirement.

Number of Serious Injuries

Describe the basis for established target, including how it supports SHSP goals.

Based on statistical forecasting, the five-year rolling average for total serious injuries on Florida's roads is forecast to be between 18,831 and 20,861 in 2018. This forecast was made by combining FARS data with current state data from 2009 to 2016 to predict probable outcomes for 2017 and 2018. Florida's target for serious injuries is zero in 2018. The data forecast indicates Florida's five year rolling average for serious injuries could continue to trend downward in 2017 and 2018. The FDOT State Safety Office expects the projects chosen for funding will enhance this downward trend in the number of serious injuries on Florida's roads. An interim performance measure is required by our federal funding agencies to receive federal funding. We firmly believe that every life counts and although our target for serious injuries is zero in 2018, Florida has forecast an interim performance measure of 20,861 to satisfy the federal requirement.

Fatality Rate

Describe the basis for established target, including how it supports SHSP goals.

Based on statistical forecasting, the five-year rolling average for fatality rate per 100 million VMT on Florida's roads is forecast to be between 1.06 and 1.65 in 2018. This forecast was made by combining FARS data with current state data from 2009 to 2016 to predict probable outcomes for 2017 and 2018. Florida's target for fatality rate per 100 million VMT is zero in 2018. While the data forecast indicates Florida's five year rolling average for fatality rate per 100 million VMT could continue to trend upward in 2017 and 2018, the FDOT State Safety Office expects the projects chosen for

2017 Florida Highway Safety Improvement Program

funding will mitigate the data forecast and ultimately reduce the number of traffic fatalities. An interim performance measure is required by our federal funding agencies to receive federal funding. We firmly believe that every life counts and although our target for fatality rate per 100 million VMT is zero in 2018, Florida has forecast an interim performance measure of 1.65 to satisfy the federal requirement.

Serious Injury Rate

Describe the basis for established target, including how it supports SHSP goals.

Based on statistical forecasting, the five-year rolling average for serious injury rate per 100 million VMT on Florida's roads is forecast to be between 7.57 and 11.06 in 2018. This forecast was made by combining FARS data with current state data from 2009 to 2016 to predict probable outcomes for 2017 and 2018. Florida's target for serious injury rate per 100 million VMT is zero in 2018. The data forecast indicates Florida's five year rolling average for serious injury rate per 100 million VMT could continue to trend downward in 2017 and 2018. The FDOT State Safety Office expects the projects chosen for funding will enhance this downward trend in the serious injury rate per 100 million VMT. An interim performance measure is required by our federal funding agencies to receive federal funding. We firmly believe that every life counts and although our target for serious injury rate per 100 million VMT is zero in 2018, Florida has forecast an interim performance measure of 11.06 to satisfy the federal requirement.

Total Number of Non-Motorized Fatalities and Serious Injuries

Describe the basis for established target, including how it supports SHSP goals.

Based on statistical forecasting, the five-year rolling average for non-motorized fatalities and serious injuries on Florida's roads is forecast to be between 3,066 and 3,447 in 2018. This forecast was made by combining FARS data with current state data from 2009 to 2016 to predict probable outcomes for 2017 and 2018. Florida's target for non-motorized fatalities and serious injuries is zero in 2018. The data forecast indicates Florida's five year rolling average for non-motorized fatalities and serious injuries could continue to trend downward in 2017 and 2018. The FDOT State Safety Office expects the projects chosen for funding will enhance this downward trend in non-motorized fatalities and serious injuries. An interim performance measure is required by our federal funding agencies to receive federal funding. We firmly believe that every life counts and although our target for non-motorized fatalities and serious injuries is zero in 2018, Florida has forecast an interim performance measure of 3,447 to satisfy the federal requirement.

Enter additional comments here to clarify your response for this question or add supporting information.

2017 Florida Highway Safety Improvement Program

Florida shares the national traffic safety vision, "Toward Zero Deaths," and formally adopted our own version of the national vision, "Driving Down Fatalities," in 2012. FDOT and its traffic safety partners are committed to eliminating fatalities and reducing serious injuries with the understanding that the death of any person is unacceptable and based on that, zero deaths is our safety performance target. This target is consistent throughout our Strategic Highway Safety Plan, Highway Safety Improvement Program and Highway Safety Plan.

Florida's data forecasts have been established using an ARIMA Hybrid Regression Model (0, 1,1) (2,0,0) (12) with VMT. Nine independent variables were tested to assess correlations; only Vehicle Miles of Travel (VMT) and gas consumption have relatively high correlations with fatalities and serious injuries and of these two variables only VMT was useful in predicting future fatalities and serious injuries. The first three performance measures (number of fatalities, number of serious injuries, and fatality rate per 100M VMT) have been forecasted based on a five-year rolling average and the remaining performance measures will be forecasted annually. The forecasts for 2017 and 2018 are based on monthly data from 2005 through 2016 using statistical forecasting methodologies.

[Source: FDOT Highway Safety Plan]

January 4, 2018

CONSTRUCTION

<u>Financial</u>	<u>Description</u>	Work Mix Description	Contractor Name	<u>Original</u>	<u>Original</u>	Work Begin	<u>Estimated</u>	<u>Status</u>	<u>Lane Closures</u>							
Project No.				<u>Amount</u>	Contract Days		Completion									
238693-1	SR 35 (Baseline Road) from SE 92nd	ADD LANES &	D.A.B. CONSTRUCTORS, INC.	\$17,605,644.00	850	8/28/2015	11/11/2018	1	None planned							
	Loop to SR 464	RECONSTRUCT						subgrade, base, sidewalk, gravity wall and								
								asphalt.								
435057-1	Lighting Project at CR 484, CR	Lighting	United Signs and Signals	\$3,075,596.26	290	11/14/2017	9/8/2018	Working at CR 318 and SR 326 with	N/A							
100001	318 and SR 326			40,000,000.00	-50		0,0,000	Drilled Shafts and Counduit								
	020 4.114 5.11 625															
434408	SR 40 Brooks Road	Mill and Resurface	DAB	\$413,888.88	90	12/9/2017	2/9/2018	Started work on 12/11/2017 with	Nightly lane closures for paving.							
								MOT and Erosion Control. Paving								
								will start on 1/8/2018								
436371	US 441 North	Pavement	ACKA	\$142,000.00	60	10/25/2017	12/19/2017	Completed.								
		Markings														
437828-1	Landscaping at I 75 at 20th and	Landscaping	Gainesville Landscape Contractors	\$438,500.00	800	7/27/2017	10/18/2019	Contract in plant establishment time	N/A							
43/020-1	43	Lanuscaping	Gamesvine Landscape Contractors	3438,300.00	800	7/27/2017	10/10/2019	frame now.	N/A							
	45							Trame now.								
437818-1	Landacana at CD210	Landasanina	Frankie Valdez Co Inc.	Ć407.700.00	820	10/21/2016	2/11/2010	Contract in plant actablishment time from	N/A							
43/818-1	Landscape at CR318	Landscaping	Frankie Valdez Co Inc.	\$407,700.00	820	10/31/2016	2/11/2019	Contract in plant establishment time frame now.	N/A							
435466-1	Landscaping at I 75 at SR 200 and US	Landscaping	Gainesville Landscape Contractors	\$594,750.00	870	08/21/15	01/19/18	Contract in plant establishment time frame	N/A							
	27			700 7/20000		,,	,,	now.								
			-	TRAFFIC OPERATIONS	•											
<u>Financial</u>	Description					<u>Status</u>										
Project No.																
435686-1	US 441 @ SE 98th Lane		Construct left turn lanes NB & SB Directions on US 441. Desig	n programmed in FY 2018, cons	truction program	mmed in FY 2020).									
436879-1	SR 200 at SW 60th Avenue Traffic Ops	i	Construct westbound left turn lanes design plans under revie	w. Started on 4/18/2016, time i	s 60 day contrac	ct for P&S Paving	(turn lane)Con	nplete 9/14/16.								
			A milling and resurfacing project that ends at the intersection	will pick up the eastbound dua	l lefts (and modi	ifications to the s	outhbound med	dian), design scheduled FY 2016 and construction	ion scheduled for FY 2019.							
	SR 464 at SE 53rd Ave/Rotary Sportple	ex	Median opening construction and turn lane extension. Curre	ntly in Design as of 2/22/2017.												
	, , , , , , , , , , , , , , , , , , , ,		interial opening construction and turn lane extension. Culterity in besign as of 2/22/2017.													
	US 27 @ CR 326		Supplemental warning beacons on signal ahead signs. Curren	tly in Design, field meeting to b	e scheduled.											
	SR 40 @ SR 492		Add right turn signal heads, restripe right turn lane. Waiting	on design work order to be sen	out.											

Contact Information:

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For additional information on these projects as well as future projects, please go to www.cflroads.com