# Appendix B-4

Construction Cost Estimates for Alternatives

Alternative	No: 2 - 4-Lane RRE - 6D				FE 37			r. — —	
Existing Typi	ical Section Ridge Rd. West:	Undeveloped							
	ical Section Ridge Rd. East:	Undeveloped					+		
THE BUILD	I								-
-	Gross Length	-		Net Length			Bridge Length		
_	Ridge Rd. West:	4.723		Ridge Rd. West:	4.529		Ridge Rd. West:	0.194	
	Ridge Rd. East:	4.152		Ridge Rd. East:	4.101		Ridge Rd. East:	0.051	
-	Moge No. East.	7.4.7.		mage no. Lose.	4.202		mage na. cast.	0.031	
County Roa	dway Construction Cost								
			FDOT Const.		MOT				Adjusted
Side	Description	Length (miles)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	Subtotal (85%)
	New 4-Lane Urban with 5'		3.444	33.00					
West	Sidewalk and C&G	1.60	\$6,832,753	\$10,932,405	No	\$0	\$1,093,240	\$12,025,645	¢10 221 700
10.5 10.5 10.0		1.60	\$170,032	\$272,051	No	\$0	\$27,205	\$299,256	\$10,221,798 \$254,368
West	Multi-Use Trail	1.00	\$170,032	\$272,051	NO	ŞU	\$27,203	\$233,236	\$454,508
	New 4-Lane Rural with 5'	240			10000			A	100.12123
West	Paved Shoulders	2.93	\$5,449,902	\$15,968,213	No	\$0	\$1,596,821	\$17,565,034	\$14,930,279
West	Multi-Use Trail	2.93	\$170,032	\$498,194	No	\$0	\$49,819	\$548,013	\$465,811
	New 4-Lane Rural with 5'			1 1 1 1 1 1					
East	Paved Shoulders	4.10	\$5,449,902	\$22,344,598	No	\$0	\$2,234,460	\$24,579,058	\$20,892,199
	1 Through Lane on the								13 - 1
East/West*	Outside (Ramps)	1.56	\$1,334,043	\$2,081,107	No	\$0	\$208,111	\$2,289,218	\$1,945,835
custy trest	Cutsiae (namps)	2.00	42,55 1,015	<b>V2,002,20</b>	Subtotal Roadway			\$57,306,225	\$48,710,291
					Subtotal Robuway	Construction C	.03.0	\$37,300,EE3	\$40,7 LU,E31
County Roa	dway Bridge Cost							-	
Side	Direction	Type	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted	
West	Westbound	Mid Level	845.0	43.1	36,420	\$145.00	\$5,280,828	\$4,488,703	
West	Eastbound	Mid Level	845.0	56.0	47,320	\$145.00	\$6,861,400	\$5,832,190	
West	Westbound	Mid Level	180.0	43.1	7,758	\$145.00	\$1,124,910	\$956,174	
West	Eastbound	Mid Level	180.0	56.0	10,080	\$145.00	\$1,461,600	\$1,242,360	
East	East/West	Overpass	135.0	88.2	11,907	\$155.00	\$1,845,585	\$1,568,747	-
East	East/West	Overpass	135.0	88.2	11,907	\$155.00	\$1,845,585	\$1,568,747	
Edst	Last/ West	Overbass	133.0		onstruction Costs	\$133.00	\$18,419,908	\$15,656,921	
		-		Subtotal bridge C	onstruction costs		\$10,415,500	313,030,321	
County Ros	dway Signalization Cost			-				-	
Side	# of Signals	FDOT Const.	Subtotal	Adjusted			-		
Ridge West		\$147,128	\$147,128	\$125,059			*		
Ridge East		\$187,577	\$187,577	\$159,440					
ridge cast	4	Subtotal Signaliza	\$135	\$284,499			-		
		Subtotal Signaliza	3133	3204,433		-			
Subtotal Co.	nstruction costs		\$64,651,712						
Contingency			\$6,465,171						
	nstruction costs	-	\$71,116,883				4		
									-
Design CEI	5% 13%		\$3,555,844 \$2,133,506						
i otal Projec	t Const & Engineering Cost		\$76,806,233						

lotes:	Bridge width of 43.1' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 6' Shoulder, and (2) 1.54 Barriers.									
	Bridge width of 56.0' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 6' Shoulder, (1) 12' Trail and (1) 1' Parapet, (1) 1.5' Barrier and (1) 1.54' Barrier									
	Bridge width of 88.2' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 8' Shoulder, and (2) 1.54 Barriers and a bridge with the same dimensions as the 43.1	bridge.								
	The ramps are the 4 ramps calculated from the Suncoask Parkway and Ridge Road Interchange (Phase II) Plans.									
	Ridge Road West proposed signalization is located at Starkey Blvd.									
	Ridge Road East proposed signalization is located at US 41.									
	The signalization cost for Ridge Road West is from FDOT Construction Cost of a 4-Lane Roadway intersecting a 4-Lane Roadway and the cost at Ridge Roa									
	Is from a 6-Lane Roadway intersecting a 6-Lane Roadway. FDOT has only established construction costs for a 2-Lane Roadway intersecting a 2-Lane									
	Roadway, a 4-Lane Roadway intersecting a 4-Lane Roadway, and a 6-Lane Roadway intersecting a 6-Lane Roadway.									

Alternative	No: 3 - 4-Lane RRE - 6E			1					T
						-			
Existing Typ	ical Section Ridge Rd. West:	Undeveloped		* **				***	· · · · · · · · · · · · · · · · · · ·
xisting Typical S xisting Typical S xisting Typical S Gro Rid Rid Rid county Roadwa  Side  West West West West West West West Ne East Re East/West*	ical Section Ridge Rd. East:	Undeveloped							1
	Gross Length			Net Length			Bridge Length		
	Ridge Rd. West:	4.704		Ridge Rd. West:	4.510		Ridge Rd. West:	0.194	
	Ridge Rd. East:	3.994		Ridge Rd. East:	3.943		Ridge Rd. East:	0.051	
County Roa	dway Construction Cost					-			
			FDOT Const.	*****	MOT		1		Adjusted
Side	Description	Length (miles)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	Subtotal (85%)
	New 4-Lane Urban with 5'				(1.00.01.11.0)				Subtotui (6570)
West	Sidewalk and C&G	1.60	\$6,832,753	\$10,932,405	No	Śū	\$1,093,240	\$12,025,645	\$10,221,798
	Multi-Use Trail	1.60	\$170,032	\$272,051	No	\$0 \$0	\$27,205	\$299,256	\$254,368
******	New 4-Lane Rural with 5'		ψ1. 0,002	7272,031	110	70	727,203	7233,230	7234,300
West	Paved Shoulders	2.91	\$5,449,902	\$15,859,215	No	\$0	\$1,585,921	\$17,445,136	\$14,828,366
	Multi-Use Trail	2.91	\$170,032	\$494,793	No	\$0	\$49,479	\$544,272	\$462,632
West	New 4-Lane Rural with 5'		\$170,03E	<del>\$454,155</del>	110	70	Ş43,413	7544,272	J402,032
Fact	Paved Shoulders	3.94	\$5,449,902	\$21,472,614	No	\$0	\$2,147,261	\$23,619,875	\$20,076,894
Last	1 Through Lane on the	3.34	33,443,302	321,472,014	NO	70	\$2,147,201	\$23,013,873	\$20,070,694
Eact/Most*		1.56	\$1,334,043	\$2,081,107	No	\$0	\$208,111	\$2,289,218	\$1,945,835
East/ west	Outside (Kamps)	1.36	\$1,334,043	\$2,061,107	Subtotal Roadway			\$56,223,403	\$47,789,893
					Subtotal Roadway	Construction	USES	\$30,223,403	347,763,633
County Roa	dway Bridge Cost					-			<del>                                     </del>
	Direction	Type	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted	
West	Westbound	Mid Level	845.0	43.1	36,420	\$145.00	\$5,280,828	\$4,488,703	†
West	Eastbound	Mid Level	845.0	56.0	47,320	\$145.00	\$6,861,400	\$5,832,190	1
West	Westbound	Mid Level	180.0	43.1	7,758	\$145.00	\$1,124,910	\$956,174	i
West	Eastbound	Mid Level	180.0	56.0	10,080	\$145.00	\$1,461,600	\$1,242,360	†
East	East/West	Overpass	135.0	88.2	11,907	\$155.00	\$1,845,585	\$1,568,747	
East	East/West	Overpass	135.0	88.2	11,907	\$155.00	\$1,845,585	\$1,568,747	
2				Subtotal Bridge (	onstruction Costs		\$18,419,908	\$15,656,921	
County Roa	dway Signalization Cost	11							
Side	# of Signals	FDOT Const.	Subtotal	Adjusted			***************************************	V.	
Ridge West		\$147,128	\$147,128	\$125,059				200 30 30 30 30	
Ridge East		\$187,577	\$187,577	\$159,440					1
		Subtotal Signaliza	\$135	\$284,499					

Alternativ	ve No: 3 - 4-Lane RRE - 6E									
Subtotal C	Construction costs	\$63,731,314								
Continger	ncy (10%)	\$6,373,131								
ubtotal Construction costs		\$70,104,445								
Design	5%	\$3,505,222								
CEI	3%	\$2,103,133								
Total Proj	ject Const & Engineering Cost	\$75,712,800						12 11		
Notes:	Bridge width of 43.1' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 6' Shoulder, and (2) 1.54 Barriers.									
	Bridge width of 56.0' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 6' Shoulder, (1) 12' Trail and (1) 1' Parapet, (1) 1.5' Barrier and (1) 1.54' Barrier Bridge width of 88.2' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 8' Shoulder, and (2) 1.54 Barriers and a bridge with the same dimensions as the 43.1' bridge.									
	The ramps are the 4 ramps ca	Iculated from the Suncoask Parkway	and Ridge Road Inte	rchange (Phase I	I) Plans.					
	Ridge Road West proposed sig	gnalization is located at Starkey Blvd					) E =			
	Ridge Road East proposed sign	nalization is located at US 41.					YA SHIELD			
	The signalization cost for Ridg	e Road West is from FDOT Construc	tion Cost of a 4-Lane	Roadway interse	cting a 4-Lane	Roadway and the	cost at Ridge Roa	d East		
	is from a 6-Lane Roadway inte	oadway intersecti	ng a 2-Lane	1						
	Roadway, a 4-Lane Roadway intersecting a 4-Lane Roadway, and a 6-Lane Roadway intersecting a 6-Lane Roadway.									

Alternative	No: 4- 4-Lane RRE - 6F								
Existing Typ	ical Section Ridge Rd. West:	Undeveloped					-		
	ical Section Ridge Rd. East:	Undeveloped							
-	Gross Length	-		Net Length			Bridge Length		
	Ridge Rd. West:	4.704		Ridge Rd. West:	4.510		Ridge Rd. West:	0.194	
	Ridge Rd. East:	3.993		Ridge Rd. East:	3.944		Ridge Rd. East:	0.049	
County Roa	dway Construction Cost								
Side	Description	Length (miles)	FDOT Const. Cost/Mile	Const. Cost	MOT (Yes or No)	MOT Cost	Mobilization	Subtotal	Adjusted Subtotal (85%)
	New 4-Lane Urban with 5'								
West	Sidewalk and C&G	1.60	\$6,832,753	\$10,932,405	No	50	\$1,093,240	\$12,025,645	\$10,221,798
West	Multi-Use Trail	1.60	\$170,032	\$272,051	No	\$0 \$0	\$27,205	\$299,256	\$254,368
	New 4-Lane Rural with 5'	7770,77,20	121,4/151	*=//	- 112		42.72.00	425720	4251,550
West	Paved Shoulders	2.91	\$5,449,902	\$15,859,215	No	\$0	\$1,585,921	\$17,445,136	\$14,828,366
West	Multi-Use Trail	2.91	\$170,032	\$494,793	No	\$0 \$0	\$49,479	\$544,272	\$462,632
71.55	New 4-Lane Rural with 5'		+1.0,000	¥1-1/1-2			¥15/113	<b>4311,212</b>	4402,00E
East	Paved Shoulders	3.94	\$5,449,902	\$21,472,614	No	\$0	\$2,147,261	\$23,619,875	\$20,076,894
2025	1 Through Lane on the	2.57	40/112/202		1.0		92/21/202	723,023,073	920,010,034
East/West*		1.56	\$1,334,043	\$2,081,107	No	\$0	\$208,111	\$2,289,218	\$1,945,835
cost/ wcsc	Cuciac (numps)	1.50	\$4,554,645	72,001,107	Subtotal Roadway			\$56,223,403	\$47,789,893
					7-3-3-0				
<b>County Roa</b>	dway Bridge Cost	E E E E				4 1.457			
Side	Direction	Type	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted	
West	Westbound	Mid Level	845.0	43.1	36,420	\$140.00	\$5,098,730	\$4,333,921	
West	Eastbound	Mid Level	845.0	56.0	47,320	\$140.00	\$6,624,800	\$5,631,080	
West	Westbound	Mid Level	180.0	43.1	7,758	\$140.00	\$1,086,120	\$923,202	
West	Eastbound	Mid Level	180.0	56.0	10,080	\$140.00	\$1,411,200	\$1,199,520	
East	East/West	Overpass	135.0	88.2	11,907	\$155.00	\$1,845,585	\$1,568,747	
East	East/West	Overpass	125.0	88.2	11,025	\$155.00	\$1,708,875	\$1,452,544	
				Subtotal Bridge C	Construction Costs		\$17,775,310	\$15,109,014	
	dway Signalization Cost								
Side	# of Signals	FDOT Const.	Subtotal	Adjusted					
Ridge West		\$147,128	\$147,128	\$125,059					
Ridge East	1	\$187,577	\$187,577	\$159,440	11				
		Subtotal Signaliza	\$135	\$284,499					

Alternativ	ve No: 4- 4-Lane RRE - 6F						-				
Subtotal (	Construction costs	\$63,183,406									
Continger	ncy (10%)	\$6,318,341									
Subtotal (	Construction costs	\$69,501,746									
Design	5%	\$3,475,087									
CEI	3%	\$2,085,052									
Total Pro	ect Const & Engineering Cost	\$75,061,886									
Notes:	Bridge width of 43.1' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 6' Shoulder, and (2) 1.54 Barriers.										
	Bridge width of 56.0' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 6' Shoulder, (1) 12' Trail and (1) 1' Parapet, (1) 1.5' Barrier and (1) 1.54' Barrier Bridge width of 88.2' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 8' Shoulder, and (2) 1.54 Barriers and a bridge with the same dimensions as the 43.1' bridge.										
	The ramps are the 4 ramps calculated from the Suncoask Parkway and Ridge Road Interchange (Phase II) Plans.										
	Ridge Road West proposed sig	malization is located at Starkey Blvd.									
	Ridge Road East proposed sign										
	The signalization cost for Ridg	e Road West is from FDOT Construction	on Cost of a 4-Lane Roadwa	y intersecting a 4-Lane	Roadway and the	cost at Ridge Roa	d East				
	is from a 6-Lane Roadway intersecting a 6-Lane Roadway. FDOT has only established construction costs for a 2-Lane Roadway intersecting a 2-Lane										
	Roadway, a 4-Lane Roadway intersecting a 4-Lane Roadway, and a 6-Lane Roadway intersecting a 6-Lane Roadway.										

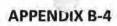
Alternative	No: 5 - 4-Lane RRE - 6G								
Existing Typi	   ical Section Ridge Rd. West:	Undeveloped							
	ical Section Ridge Rd. East:	Undeveloped							
	Gross Length			Net Length			Bridge Length		
	Ridge Rd. West:	4.719		Ridge Rd. West:	4,525		Ridge Rd. West:	0.194	
	Ridge Rd. East:	3.933		Ridge Rd. East:	3.882		Ridge Rd. East:	0.051	
County Boo	dway Construction Cost								
County Road	T CONSTRUCTION COST		FDOT Const.		мот	_	-		Adjusted
Side	Description	Length (miles)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	Subtotal (85%)
	New 4-Lane Urban with 5'			100					
West	Sidewalk and C&G	1.59	\$6,832,753	\$10,864,077	No	\$0	\$1,086,408	\$11,950,485	\$10,157,912
West	Multi-Use Trail	1.59	\$170,032	\$270,351	No	\$0 \$0	\$27,035	\$297,386	\$252,778
	New 4-Lane Rural with 5'								
West	Paved Shoulders	2.94	\$5,449,902	\$16,022,712	No	\$0	\$1,602,271	\$17,624,983	\$14,981,236
West	Multi-Use Trail	2.94	\$170,032	\$499,894	No	\$0	\$49,989	\$549,883	\$467,401
	New 4-Lane Rural with 5'								
East	Paved Shoulders	3.88	\$5,449,902	\$21,145,620	No	\$0	\$2,114,562	\$23,260,182	\$19,771,154
	1 Through Lane on the		7			***			
East/West*	Outside (Ramps)	1.56	\$1,334,043	\$2,081,107	No	\$0	\$208,111	\$2,289,218	\$1,945,835
					Subtotal Roadway	y Construction C	osts	\$55,972,137	\$47,576,316
County Roa	dway Bridge Cost								
Side	Direction	Туре	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted	
West	Westbound	Mid Level	845.0	43.1	36,420	\$145.00	\$5,280,828	\$4,488,703	
West	Eastbound	Mid Level	845.0	56.0	47,320	\$145.00	\$6,861,400	\$5,832,190	
West	Westbound	Mid Level	180.0	43.1	7,758	\$145.00	\$1,124,910	\$956,174	
West	Eastbound	Mid Level	180.0	56.0	10,080	\$145.00	\$1,461,600	\$1,242,360	
East	East/West	Overpass	135.0	88.2	11,907	\$155.00	\$1,845,585	\$1,568,747	
East	East/West	Overpass	135.0	88.2	11,907	\$155.00	\$1,845,585	\$1,568,747	
			<del>2-</del>	Subtotal Bridge C	Construction Costs		\$18,419,908	\$15,656,921	
	dway Signalization Cost								
Side	# of Signals	FDOT Const.	Subtotal	Adjusted					
Ridge West	1	\$147,128	\$147,128	\$125,059					
Ridge East	1	\$187,577	\$187,577	\$159,440					
		Subtotal Signaliza	\$135	\$284,499					

Alternativ	e No: 5 - 4-Lane RRE - 6G										
Subtotal C	Construction costs	\$63,517,73	37	4							
Contingen	ncy (10%)	\$6,351,77	74	7							
Subtotal Construction costs		\$69,869,53	11								
Design	0%		50	1 2 1 2 1							
CEI	3%	\$2,096,08	35					the Property			
Total Proj	ect Const & Engineering Cost	\$71,965,59	96								
Notes:	Bridge width of 43.1' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 6' Shoulder, and (2) 1.54 Barriers.										
	Bridge width of 56.0' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 6' Shoulder, (1) 12' Trail and (1) 1' Parapet, (1) 1.5' Barrier and (1) 1.54' Barrier Bridge width of 88.2' consists of (2) 12' Lanes, (1) 10' Shoulder, (1) 8' Shoulder, and (2) 1.54 Barriers and a bridge with the same dimensions as the 43.1' bridge.										
	The ramps are the 4 ramps calculated from the Suncoask Parkway and Ridge Road Interchange (Phase II) Plans.										
		nalization is located at Starkey Bl									
	Ridge Road East proposed sign					The second					
	The signalization cost for Ridge	e Road West is from FDOT Constru	uction Cost of a 4	-Lane Roadway inte	rsecting a 4-Lane	Roadway and the	cost at Ridge Roa	d East			
	is from a 6-Lane Roadway inte	rsecting a 6-Lane Roadway. FDO	Thas only establis	shed construction co	osts for a 2-Lane	Roadway intersect	ing a 2-Lane				
		intersecting a 4-Lane Roadway, ar									

ross Length dge Rd. West: dge Rd. East: ray Construction Cost  Description lew 4-Lane Urban with 5'	Undeveloped Undeveloped  4.708 3.933  Length (miles)	FDOT Const.	Net Length Ridge Rd. West: Ridge Rd. East:	2.846 3.882		Bridge Length Ridge Rd. West: Ridge Rd. East:	1.862 0.051	
ross Length dge Rd. West: dge Rd. East: vay Construction Cost  Description lew 4-Lane Urban with 5'	4.708 3.933	FDOT Const.	Ridge Rd. West:			Ridge Rd. West:		
dge Rd. West: dge Rd. East: ray Construction Cost  Description lew 4-Lane Urban with 5'	3.933	FDOT Const.	Ridge Rd. West:			Ridge Rd. West:		
dge Rd. West: dge Rd. East: ray Construction Cost  Description lew 4-Lane Urban with 5'	3.933	FDOT Const.	Ridge Rd. West:			Ridge Rd. West:		
dge Rd. East:  Yay Construction Cost  Description  Iew 4-Lane Urban with 5'	3.933	FDOT Const.		3.882			0.051	
Description lew 4-Lane Urban with 5'	Length (miles)	FDOT Const.				B	0.031	
lew 4-Lane Urban with 5'	Length (miles)	FDOT Const.						
		Cost/Mile	Const. Cost	MOT (Yes or No)	MOT Cost	Mobilization	Subtotal	Adjusted Subtotal (85%)
Sidewalk and C&G	1.59	\$6,832,753	\$10,864,077	No	\$0	\$1,086,408	\$11,950,485	\$10,157,912
Multi-Use Trail	1.59	\$170,032	\$270,351	No	\$0	\$27,035	\$297,386	\$252,778
lew 4-Lane Rural with 5'								
Paved Shoulders	1.26	\$5,449,902	\$6,844,416	No	\$0	\$684,442	\$7,528,858	\$6,399,529
Multi-Use Trail	1.26	\$170,032	\$213,540	No	\$0		\$234,894	\$199,660
lew 4-Lane Rural with 5'	2.00	¢5 440 003	¢21.156.520	Ma	¢0	NAMES OF TAXABLE	¢22 272 172	¢10.791.246
	3.88	\$5,449,902	\$21,156,520	INO	\$0	\$2,115,052	\$23,212,112	\$19,781,346
Outside (Ramps)	1.56	\$1,334,043	\$2,081,107	No	\$0	\$208,111	\$2,289,218	\$1,945,835
			11.1.0-0-9	Subtotal Roadway	y Construction C	osts	\$45,573,012	\$38,737,060
ray Bridge Cost								
Direction	Туре	Length (ft)		Area (sf)	Cost/sf	Subtotal	Adjusted	
Westbound	Mid Level	1232	43.1	53,078	\$145.00	\$7,696,347	\$6,541,895	
Eastbound	Mid Level			69,044	\$145.00			
Westbound								
	The state of the s						The second secon	
East/West	Overpass	100000000000000000000000000000000000000						
East/West	Overpass	135.00						
			Subtotal Bridge Co	onstruction Costs		\$145,006,354	\$123,255,401	
ay Signalization Cost								
# of Signals		W. 11 A. C. 2 C. 11 C. 11 C. 11						No.
1	\$147,128			14				
1								
-	Sidewalk and C&G Multi-Use Trail lew 4-Lane Rural with 5' Paved Shoulders Multi-Use Trail lew 4-Lane Rural with 5' Paved Shoulders 1 Through Lane on the Outside (Ramps)  Yay Bridge Cost Direction Westbound Eastbound Westbound Eastbound East/West East/West  Yay Signalization Cost # of Signals 1	Sidewalk and C&G Multi-Use Trail lew 4-Lane Rural with 5' Paved Shoulders Multi-Use Trail lew 4-Lane Rural with 5' Paved Shoulders 1.26 lew 4-Lane Rural with 5' Paved Shoulders 3.88 1 Through Lane on the Outside (Ramps) 1.56  Type Westbound Mid Level Eastbound Mid Level Eastbound Mid Level East/West Overpass East/West Overpass  Tay Signalization Cost # of Signals FDOT Const. 1 \$147,128	Sidewalk and C&G   1.59   \$6,832,753     Multi-Use Trail   1.59   \$170,032     lew 4-Lane Rural with   5'     Paved Shoulders   1.26   \$5,449,902     Multi-Use Trail   1.26   \$170,032     lew 4-Lane Rural with   5'     Paved Shoulders   3.88   \$5,449,902     1 Through Lane on the     Outside (Ramps)   1.56   \$1,334,043     Paved Shoulders   1.26   \$1,334,043	Sidewalk and C&G	Sidewalk and C&G   1.59   \$6,832,753   \$10,864,077   No     Multi-Use Trail   1.59   \$170,032   \$270,351   No     No   Multi-Use Trail   1.26   \$5,449,902   \$6,844,416   No     Multi-Use Trail   1.26   \$170,032   \$213,540   No     No   Multi-Use Trail   1.26   \$170,032   \$213,540   No     No   Multi-Use Trail   1.26   \$170,032   \$213,540   No     No   Multi-Use Trail   1.26   \$170,032   \$213,540   No     No   Multi-Use Trail   1.26   \$170,032   \$213,540   No     No   Multi-Use Trail   1.26   \$170,032   \$213,540   No     No   Multi-Use Trail   1.26   \$1,334,043   \$2,081,107   No     No   Multi-Use Trail   1.26   \$1,334,043   \$2,081,107   No     No   Multi-Use   \$21,156,520   No     1 Through Lane on the Outside (Ramps)   1.56   \$1,334,043   \$2,081,107   No     Subtotal Roadway   Multi-Use   \$232   \$43.1   \$3,078     Eastbound   Mid Level   \$232   \$56.0   \$69,044     Westbound   Mid Level   \$232   \$56.0   \$69,044     Westbound   Mid Level   \$600.00   \$43.1   \$370,514     Eastbound   Mid Level   \$600.00   \$66.0   \$481,961     East/West   Overpass   \$135.00   \$88.2   \$11,903     East/West   Overpass   \$135.00   \$88.2   \$11,903     Subtotal Bridge Construction Costs     Westbound   Adjusted   \$40,000   \$40,000   \$40,000     Multi-Use   \$40,000   \$40,000   \$40,000     Multi-Use   \$600,000   \$60,000   \$60,000     Multi-Use   \$600,000   \$60,000   \$60,000     Multi-Use   \$600,000   \$60,000     Multi-	Sidewalk and C&G	Sidewalk and C&G   1.59   \$6,832,753   \$10,864,077   No   \$0   \$1,086,408	Sidewalk and C&G   1.59   \$6,832,753   \$10,864,077   No   \$0   \$1,086,408   \$11,950,485   Multi-Use Trail   1.59   \$170,032   \$270,351   No   \$0   \$27,035   \$297,386   lew 4-Lane Rural with 5'   Paved Shoulders   1.26   \$5,449,902   \$6,844,416   No   \$0   \$684,442   \$7,528,858   Multi-Use Trail   1.26   \$170,032   \$213,540   No   \$0   \$21,354   \$234,894   lew 4-Lane Rural with 5'   Paved Shoulders   3.88   \$5,449,902   \$21,156,520   No   \$0   \$2,115,652   \$23,272,172   \$1 Through Lane on the Outside (Ramps)   1.56   \$1,334,043   \$2,081,107   No   \$0   \$208,111   \$2,289,218   \$228,218   \$228,218   \$228,218   \$234,894   \$2,081,107   No   \$0   \$208,111   \$2,289,218   \$2,289,218   \$2,081,107   \$1,334,043   \$2,081,107   \$1,343,043   \$1,343

Alternativ	ve No: 6 - 4-Lane RRE Elevated		1						-
subtotal (	Construction costs		\$162,276,960						
ontinger	ncy (10%)	X = 2 = 1	\$16,227,696						The same
Subtotal Construction costs			\$178,504,656			11-0			
Design 5%		1 1	\$8,925,233						
EI	3%		\$5,355,140						
Total Proj	ect Const & Engineering Cost		\$192,785,029						
Notes:	Bridges								1
	1st West	11768	13000	1232			11		
	2nd West	14100	22700	8600			U.S		
			Company of the	9832		The same of			
	Bridge width of 43.1' consists	of (2) 12' Lanes, (1)	10' Shoulder, (1)	6' Shoulder, and	(2) 1.54 Barriers.				
-	Bridge width of 56.0' consists								
	Bridge width of 88.2' consists	of (2) 12' Lanes, (1	10' Shoulder, (1)	8' Shoulder, and	(2) 1.54 Barriers a	and a bridge with	the same dimension	ns as the 43.1' h	oridge.
	The ramps are the 4 ramps cal	culated from the S	uncoask Parkway	and Ridge Road I	nterchange (Phas	e II) Plans.			1
	Ridge Road West proposed sig	nalization is locate	d at Starkey Blvd.						
	Ridge Road East proposed sign	alization is located	at US 41.						
	The signalization cost for Ridg	e Road West is from	m FDOT Construct	tion Cost of a 4-La	ne Roadway inter	rsecting a 4-Lane	Roadway and the o	ost at Ridge Roa	d East
	is from a 6-Lane Roadway inte	rsecting a 6-Lane F	Roadway. FDOT h	as only establishe	d construction co	ists for a 2-Lane R	oadway intersecting	ng a 2-Lane	
	Roadway, a 4-Lane Roadway								1

LECT BY									
xisting Typ	ical Section Ridge Rd. West:	Undeveloped							
xisting Typ	ical Section Ridge Rd. East:	Undeveloped							
	Gross Length			Net Length			Bridge Length		
	Ridge Rd. West:	4.708		Ridge Rd. West:	3.711		Ridge Rd. West:	0.997	
	Ridge Rd. East:	3.933		Ridge Rd. East:	3.882		Ridge Rd. East:	0.051	
County Roa	dway Construction Cost								
			FDOT Const.		MOT				Adjusted
Side	Description	Length (miles)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	Subtotal (85%
	New 4-Lane Urban with 5'						- I - I - H	TO THE RESERVE OF THE PERSON O	
West	Sidewalk and C&G	1.59	\$6,832,753	\$10,864,077	No	\$0	\$1,086,408	\$11,950,485	\$10,157,912
West	Multi-Use Trail	1.59	\$170,032	\$270,351	No	\$0	\$27,035	\$297,386	\$252,778
	New 4-Lane Rural with 5'			48,4848				7	1.524.70
West	Paved Shoulders	2.12	\$5,449,902	\$11,558,375	No	\$0	\$1,155,838	\$12,714,213	\$10,807,081
West	Multi-Use Trail	2.12	\$170,032	\$360,611	No	\$0	\$36,061	\$396,672	\$337,171
11.000	New 4-Lane Rural with 5'			130,000			77	7-0-5/0.0	700.70.0
East	Paved Shoulders	3.88	\$5,449,902	\$21,145,620	No	\$0	\$2,114,562	\$23,260,182	\$19,771,154
Last	1 Through Lane on the	3.00	\$3,443,30Z	721,145,020	140	30	72,114,302	\$23,200,102	913,771,134
C // 4/		7.55	£1 334 D43	¢2 091 107	No	¢0	¢200 111	ta 200 210	£1 045 935
East/West*	Outside (Ramps)	1.56	\$1,334,043	\$2,081,107	No Substate Basedone	\$0	\$208,111	\$2,289,218	\$1,945,835
					Subtotal Roadwa	y Construction C	Joses	\$50,908,155	\$43,271,932
County Roa	dway Bridge Cost						1		
Side	Direction	Туре	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted	
1-West	Westbound	Mid Level	895	43.1	38,559	\$145.00	\$5,591,096	\$4,752,432	
1-West	Eastbound	Mid Level	895	56.0	50,158	\$145.00	\$7,272,851	\$6,181,923	
2-West	Westbound	Mid Level	1810	43.1	77,980	\$145.00	\$11,307,133	\$9,611,063	
2-West	Eastbound	Mid Level	1810	56.0	101,436	\$145.00	\$14,708,223	\$12,501,989	
3-West	Westbound	Mid Level	425	43.1	18,310	\$145.00	\$2,654,990	\$2,256,741	
3-West	Eastbound	Mid Level	425	56.0	23,818	\$145.00	\$3,453,588	\$2,935,550	
4-West	Westbound	Mid Level	930	43.1	40,067	\$145.00	\$5,809,743	\$4,938,281	-
4-West	Eastbound	Mid Level	930	56.0	52,119	\$145.00	\$7,557,264	\$6,423,674	
5-West	Westbound	Mid Level	205	43.1	8,832	\$145.00	\$1,280,642	\$1,088,546	
5-West	Eastbound	Mid Level	205	56.0	11,489	\$145.00	\$1,665,848	\$1,415,971	
6-West	Westbound	Mid Level	485	43.1	20,895	\$145.00	\$3,029,812	\$2,575,340	
6-West	Eastbound	Mid Level	485	56.0	27,180	\$145.00	\$3,941,154	\$3,349,981	
7-West	Westbound	Mid Level	515	43.1	22,188	\$145.00	\$3,217,223	\$2,734,640	
7-West	Eastbound	Mid Level	515	56.0	28,862	\$145.00	\$4,184,936	\$3,557,196	
1-East	East/West	Overpass	135	88.2	11,903	\$155.00	\$1,844,894	\$1,568,160	
2-East	East/West	Overpass	135	88.2	11,903	\$155.00	\$1,844,894	\$1,568,160	
				Subtotal Bridge C	onstruction Costs		\$79,364,292	\$67,459,648	



	A. C. C. C. A.										
	dway Signalization Cost										
Side	# of Signals	FDOT Const.	Subtotal	Adjusted							
Ridge West		\$147,128	\$147,128	\$125,059					THE STATE OF		
Ridge East	1	\$187,577	\$187,577	\$159,440							
		Subtotal Signalizat	tion Costs	\$284,499							
Subtotal Co	Instruction costs		\$111,016,079								
Contingenc	v (10%)		\$11,101,608								
	Instruction costs		\$122,117,687								
Design	15%		\$6,105,884								
CEL	3%		\$3,663,531								
Total Proje	ct Const & Engineering Cost		\$131,887,102								
Notes:	Bridges	Begin	End	Length				-	1		
	1st West	11768	12663	895				+			
	2nd West	15195	17005	1810					- 10		
	3rd West	17295	17720	425							
	4th West	17945	18875	930			The state of				
	5th West	19245	19450	205			9 7 7 7 7 7				
	6th West	21445	21930	485							
	7th West	22195	22710	515							
		but the second of		5265							
	Bridge width of 43.1' consists	of (2) 12' Lanes, (1)	10' Shoulder, (1)	6' Shoulder, and	(2) 1.54 Barriers.						
	Bridge width of 56.0' consists	of (2) 12' Lanes, (1)	10' Shoulder, (1)	6' Shoulder, (1) 1	2' Trail and (1) 1'	Parapet, (1) 1.5'	Barrier and (1) 1.	54' Barrier			
	Bridge width of 88.2' consists								bridge.		
	The ramps are the 4 ramps ca	alculated from the S	uncoask Parkway	and Ridge Road In	nterchange (Phas	e II) Plans.	E		all the same		
	Ridge Road West proposed si					The state of the s					
	Ridge Road East proposed sig	nalization is located	at US 41.	DE TAIL	ALCOHOL: N	A Second	7-12-21				
	The signalization cost for Ridge	ge Road West is from	n FDOT Constructi	on Cost of a 4-La	ne Roadway inter	rsecting a 4-Lane	Roadway and the	cost at Ridge Ro	ad East		
	is from a 6-Lane Roadway int										
		nadway intersecting a 4-Lane Roadway, and a 6-Lane Roadway intersecting a 6-Lane Roadway.									

Alternative	No: 8 - SR 52 Add 4-Lanes								
visting Tyni	ical Section SR 52 West:	Urban 6-lane roadw	/av						
	ical Section SR 52 East:	Rural 2-lane roadwa							
Mading 19p	Carsetton Sk 52 cast.	North E lane roadwi	-1						_
	Gross Length			Net Length		<del>                                     </del>	Bridge Length		
	SR 52 West:	3.167		SR 52 West:	3.167		SR 52 West:	0.000	
	SR 52 East:	3.109		SR 52 East:	3.109		SR 52 East:	0.000	_
tate Highw	ay System Construction Cost							100000000000000000000000000000000000000	
			FDOT Const.		MOT				
Side	Description	Length (miles)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	
	Add Lanes (6 to 10) with 5'					12/5/2019			
SR 52 West		3.17	\$6,581,386	\$20,862,994	Yes	\$2,086,299	\$2,294,929	\$25,244,222	
	Milling & Resurfacing (6-lane)		40,000,000	445/542/55		42,000,235	42/25 1/525	720/211/222	
SR 52 West		3.17	\$1,740,670	\$5,517,924	Yes	\$551,792	\$606,972	\$6,676,688	
JIL JE VVESE	New 6-Lane Urban with 5'	3.17	71,140,010	43,311,324	163	7331/132	2000,372	20,070,000	
SR 52 East	Sidewalk and C&G	2.22	\$8,353,372	\$18,544,486	Yes	\$1,854,449	\$2,039,893	\$22,438,828	
3N 3Z E8SI	Sidewalk and Cod	2.22	20,333,372	\$10,344,400		ov Construction Co		\$54,359,738	
					Subtotal Madwa	T CONSTRUCTION CO	7	\$34,333,736	
tate Highw	ray System Interchange Cost								_
reace ingites	I	FDOT Const.							_
Side	Number of Interchange	Cost/Interchange	Const. Cost	MOT Cost	Mobilization	Subtotal			
SR 52	Number of interchange	\$19,832,202	\$19,832,202	\$1,983,220	\$2,181,542	\$23,996,964			
3h 32	+			inge Construction		\$23,996,964			_
			Subtotal miter che	Tige Construction	COSIS	\$23,550,504			_
tate Highw	yay System Signalization Cost		\$900						-
rate ingilia	l system signamenton cost	FDOT Const.	4500				+		-
Side	# of Signals	Cost/Signal	Subtotal						
SR 52 West		\$187,577	\$750,308			-	-		
SR 52 West	3	\$187,577	\$562,731		-		-		_
JN J2 C031	Subtotal Signalization Costs	2107,377	\$1,313,039			-			_
	Subtotal Signalization Costs		42,020,000				-		
Subtotal Cor	nstruction costs		\$79,669,741						_
ontingency			\$19,917,435						
	nstruction costs		\$99,587,176						
Design	15%		\$14,938,076		From the same	18-3	The second		
CEI	15%		\$14,938,076				15. T. W		
otal Projec	t Const & Engineering Cost		\$129,463,329						
Notes:	SR 52 West is currently a 6-lan	e urban roadway to	he widered to 10	lanes FOOT day	s oot have a cost	for a 6-lago road	to a 10-lane road	but a cost of	
votes.	widening from 4-lanes to 8-lan								
	resurface the remaining inside	lanes has been dete	ermined by using	the cost associate	od with a six lane r	milling and resurt	aring project	at to time and	
	SR 52 East will eliminate the ex					The same resurts	Touris buoleer		_
	SR 52 West existing signals are					ast Parkway			
	SR 52 East existing signals are					Jac I di Kway.			
	The signalization cost is from F	DOT Construction C	ost of a 6-lane Ro	adway intersection	ng a 6-I ane Roady	way FDOT has no	ly established con-	struction costs for a	_
	2-Lane Roadway intersecting a								
	In manie unananal miresacring o	- Luine Hodeway, a	- FRITE HUDGINGA	Transfer of the Little of Mark	mine included dy, dill	U LUIS HOUW	wy miles accurry d U	work Housevay.	

Alternative I	No: 9 - SR 54 Add 4-Lanes	Proposed: 10 We	st and 10 East at	Grade					
xisting Tyni	cal Section SR 54 West:	Rural 6-lane road	wav						
	cal Section SR 54 East:	Rural 6-lane road							
	Gross Length			Net Length			Bridge Length		
	SR 54 West:	6.763		SR 54 West:	6.763		SR 54 West:	0.000	
	SR 54 East:	5.077		SR 54 East:	5.077		SR 54 East:	0.000	
itate Highw	ay System Construction Cost								
			FDOT Const.		MOT				
Side	Description	Length (miles)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	
Jide	Add Lanes (6 to 10) with 5'		cosy mic	20,131, 2031	1100011101		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Jostotai	
SR 54 West		6.76	\$6,581,386	\$44,509,914	Yes	\$4,450,991	\$4,896,090	\$53,856,995	
DIV 24 AVEST	Milling & Resurfacing (6-	0.70	10,261,360	344,303,314	163	74,430,331	\$4,030,030	223,020,023	
CD CA West		254	£1 740 570	¢¢ 151 073	V	\$616 107	CC77 017	67 455 006	
SR 54 West		3.54	\$1,740,670	\$6,161,972	Yes	\$616,197	\$677,817	\$7,455,986	_
127207070	Milling & Resurfacing (6-		27 000-200	400000000		4144 94-	4112000	*******	
SR 54 West		3.22	\$1,145,229	\$3,691,073	Yes	\$369,107	\$406,018	\$4,466,198	
	Add Lanes (6 to 10) with 5'		200 - CAS - I	Section 1				1000	
SR 54 East	Sidewalks & C&G (Urban)	5.08	\$6,581,386	\$33,413,697	Yes	\$3,341,370	\$3,675,507	\$40,430,573	
	Milling & Resurfacing (6-					T To the second			
SR 54 East	lane) Roadway (Urban)	5.08	\$1,740,670	\$8,837,382	Yes	\$883,738	\$972,112	\$10,693,232	
					Subtotal Roadwa	y Construction C	osts	\$116,902,984	
tate Highw	ay System Interchange Cost								
		FDOT Const.				*			
Location	Number of Interchange	Cost/Interchang	Const. Cost	MOT Cost	Mobilization	Subtotal			
Suncoast	1	\$19,832,202	\$19,832,202	\$1,983,220	\$2,181,542	\$23,996,964			
			Subtotal Interch	ange Construction	Costs	\$23,996,964			
	ay System Signalization Cost								
Side	# of Signals	FDOT Const.	Subtotal						
SR 54 West		\$187,577	\$1,125,462						
SR 54 East		\$187,577	\$1,125,462						
	Subtotal Signalization Costs		\$2,250,924		1				
			****				The state of the		
	nstruction costs		\$143,150,872						
Contingency	(25%)		\$35,787,718						
	nstruction costs		\$178,938,590						
	15%		\$26,840,789						
CEI	15%		\$135						
Total Projec	t Const & Engineering Cost		\$205,779,514						

otes:	SR 54 West is currently a 6-lane urban roadway to be widened to 10-lanes. FDOT does not have a cost for a 6-lane road to a 10-lane road, but the cost of									
	widening from 4-lanes to 8-lanes is listed. The cost from 4-lanes to 8-lanes will be very similar to a 6-lane to 10-lane cost. An additional cost to mill and									
	resurface the remaining inside lanes has been determined by using the cost associated with a six lane milling and resurfacing project.									
	SR 54 East is a 6-lane urban roadway per the no-action alternative to be widened to 10-lanes. FDOT does not have a cost for a 6-lane road to a 10-lane road.	1.								
	The same approach as for SR 54 West is used for the east side.									
	SR 54 West existing signals are located at Starkey Bivd., Duck Slough Bivd., Trinity Blvd., Gunn Highway, Crossing Bivd., and at the Suncoast Parkway.									
	SR 54 East existing signals are located at the Suncoast Parkway, Ballantrae Blvd., unnamed road by the fire station, Sunslake Blvd., Oakstead Blvd., and US 41.									
	The signalization cost for SR 54 is from FDOT Construction Cost of a 6-Lane Roadway intersecting a 6-Lane Roadway. FDOT has only established construction									
	costs for a 2-Lane Roadway intersecting a 2-Lane Roadway, a 4-Lane Roadway intersecting a 4-Lane Roadway, and a 6-Lane Roadway intersecting a 6-Lane									
	Roadway.									
	There is not enough width under the Suncoast for more than 6 through lanes, therefore, interchange reconstruction will be necessary.									

	1	10- 4-Lane Tower Rd					1			
xisting Typ	ical S	section Tower West:	Undeveloped/Dir	Road						
xisting Typ	ical S	Section Tower East:	Dirt Road							
	-		Gross Length			Net Length			Bridge Length	Comment
	1	Starky Blvd. to a point approx 1/4 mile west on Trinity ext.	1,520			1.52				
	2	West of Trinity Ext. to 1/2 mile East of Trinity Extension	0.750			0.75				
Tower Rd.	3	East of Trinity Ext. to Eastern Boundary of Starkey	1.130			1.13				
West:	4	Eastern Boundary of Starkey to Western Boundary of Behnke (Asturia)	0.660			0.66				
	5	Western Boundary of Behnke (Asturia) to Eastern Boundary of Behnke	1.070			1.07				
	6	Eastern Boundary of Behnke to Suncoast	0.820			0.74			0.076	Bridge over Suncoast
	7	Suncoast to Bexley Ranch Blvd.	0.630			0.63				
Tower Rd.	8	Bexley Ranch Blvd. to Future Balantrae connection	0.840			0.84				
East:	9	Future Balantrae connection to Eastern Boundary of Bexley Ranch	2,150			2,15				
	110	Eastern Boundary of Bexley Ranch to US 41.	2.300			2.27			0.026	Bridge over RailRoad
County Roa	dwa	y Construction Cost								
Side		Description	Length (miles)	FDOT Const. Cost/Mile	Const. Cost	MOT (Yes or No)	MOT Cost	Mobilization	Subtotal	Adjusted Subtotal (85%
	1	New 4-Lane Urban with 5' SW and C&G	1.52	\$6,832,753	\$10,385,785	No	\$0	\$1,038,578	\$11,424,363	\$9,710,709
	2	New 4-Lane Urban with 5' SW and C&G	0.75	\$0	\$0	No	\$0	\$0	\$0	\$0
Tower Rd.	3	New 4-Lane Urban with 5' SW and C&G	1.13	\$6,832,753	\$7,721,011	No	\$0	\$772,101	\$8,493,112	\$7,219,145
West:	4	New 4-Lane Urban with 5' SW and C&G	0.66	\$6,832,753	\$4,509,617	No	\$0	\$450,962	\$4,960,579	\$4,216,492
	5	New 4-Lane Urban with 5' SW and C&G	1.07	\$6,832,753	\$7,311,046	No	\$0	\$731,105	\$8,042,150	\$6,835,828
	6	New 4-Lane Urban with 5' SW and C&G	0.74	\$6,832,753	\$5,083,568	No	\$0	\$508,357	\$5,591,925	\$4,753,136
	7	New 4-Lane Urban with 5' SW and C&G	0.63	\$6,832,753	\$4,304,634	No	\$0	\$430,463	\$4,735,098	\$4,024,833
Tower Rd.	8	New 4-Lane Urban with 5' SW and C&G	0.84	\$4,840,624	\$4,066,124	No	\$0	\$406,612	\$4,472,737	\$3,801,826
East:	9	New 4-Lane Urban with 5' SW and C&G	2.15	\$6,832,753	\$14,690,419	No	\$0	\$1,469,042	\$16,159,461	\$13,735,542
	10	New 4-Lane Urban with 5 'SW and C&G	2,27	\$6,832,753	\$15,537,680	No	\$0	\$1,553,768	\$17,091,448	\$14,527,731
			7 (25 19 14			Subtotal Roadway	y Construction Co		\$80,970,873	\$68,825,242

Alternative No	o: 10- 4-Lane Tower Rd								
County Roady	vay Bridge Cost	1							
Side 1	Direction	Type	Location	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted
West	Both	Overpass	Suncoast	400.0	86.2	34,480	\$155.00	\$5,344,400	\$4,542,740
East	Both	Overpass	Railroad	135.0	86.2	11,637	\$155.00	\$1,803,735	\$1,533,175
CDSC	0001	- Overposs			onstruction Costs		\$155.00	\$7,148,135	\$6,075,919
County Roadw	vay Special Pipe Crossing Protection Costs								
Side	Direction	Type		Length (ft)	Cost/LF	Subtotal	Adjusted		
West	Both	Casing		500	\$840	\$420,000	\$357,000		
East	Both	Casing		500	\$840	\$420,000	\$357,000		
				Subtotal Pipe Pro	tection Costs		\$714,000		
County Roadw	vay Signalization Cost						47.14-4 Table		100
Side	# of Signals	FDOT Const.	Subtotal	Adjusted					
ower West	1	\$147,128	\$147,128	\$125,059					
Tower East	i	\$187,577	\$187,577	\$159,440					
	Subtotal	Signalization Costs	\$334,705	\$284,499					
Subtotal Const	truction costs		\$75,899,656		-				
Contingency (1	A PROPERTY OF THE PROPERTY OF		\$7,589,966				7 2 3		
ubtotal Const			\$83,489,621						
Design	15%		\$4,174,481						
El	13%		\$2,504,689						
	Const & Engineering Cost		\$90,168,791						
			200						E DET
Notes:	There are 2 bridges; at the Suncoast and a Bridge width of 86.2' consists of two bridge			oulder /1\ 6' Insid	la Shoulder and I	7) 1 54 Barriors			
	Bridge over the Suncoast Parkway is include			Juider, (1) 6 misic	le shoulder, and f	1 1.34 Datriets.			
	Pipe protection costs for existing TBW 84"			DIA					
	Tower Road West proposed signal is at Sta				IS A1			-	
	The signalization cost for Tower Road Wes					ann Pendumy and	the cost at Towns	Bood	
	East is from a 6-Lane Roadway intersecting	t is from Poor Const	CDOT has achie	stablished consts	intersecting a 4-L	The Auduway and	the cost at lower	noad	
							itersecting a 2-Lai	ie.	
	Roadway, a 4-Lane Roadway intersecting	a 4-Lane Koadway, a	na a b-Lane Road	way intersecting	a b-Lane Roadway				

Alternative No	: 11 - SR 54 4-Lane Elevated	· ·							
Existing Typical	Section SR 54 West:	Urban/Rural 6-lane	roadway	-2				***	-
	Section SR 54 East:	Rural 4-lane roadwa			1				
0 //									
	Gross Length	* * *		Net Length			Bridge Length		
	SR 54 West:	6.763		SR 54 West:	0.000		SR 54 West:	6.763	
	SR 54 East:	5.077		SR 54 East:	0.000		SR 54 East:	5.077	
State Highway	System Construction Cost								
		W-1-	FDOT Const.		мот				
Side	Description	Length (miles)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	
	Add 1 Thru Lane (Urban) on								
SR 54 West	Outside w/ 5' S/W, C&G	3.54	\$2,420,914	\$8,570,036	Yes	\$857,004	\$942,704	\$10,369,743	
	Milling & Resurfacing (6-								
SR 54 West	lane) Roadway (Urban)	3.54	\$1,740,670	\$6,161,972	Yes	\$616,197	\$677,817	\$7,455,986	
	Milling & Resurfacing (6-								
SR 54 West	lane) Roadway (Rural)	3.22	\$1,145,229	\$3,691,073	Yes	\$369,107	\$406,018	\$4,466,198	
	Milling and Resurfacing	-	, , , , , , , , , , , , , , , , , , , ,						
SR 54 East	(6-lane) Roadway (Rural)	5.077	\$1,668,122	\$8,469,055	Yes	\$846,906	\$931,596	\$10,247,557	
DIT ST EBSC	(o lane) Hodeway (Harai)	2.22	<del></del>	\$0	Subtotal Roadway			\$32,539,484	
	-							, , , , , , , , , , , , , , , , , , , ,	-
State Highway	System Bridge Cost		3.0.7						
Side	Direction	Type	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal		2-4
West	East/West	Mid Level	35708.6	86.2	3,078,081	\$145.00	\$446,321,791		
East	East/West	Mid Level	26806.6	86.2	2,310,729	\$145.00	\$335,055,693		
				Subtotal Bridge	Construction Costs		\$781,377,485		
State Highway	System Interchange Cost		\$900		-		-		
,		FDOT Const.					-		
Side	Number of Interchange	Cost/Interchange	Const. Cost	MOT Cost	Mobilization	Subtotal			
SR 54	1	\$19,832,202	\$19,832,202	\$1,983,220	\$2,181,542	\$23,996,964			
			Subtotal Interchange			\$23,996,964			
Si									
State Highway Side	System Signalization Cost # of Signals	FDOT Const.	Subtotal						
SR 54 West	# or Signals	\$187,577	\$1,125,462		-		-		300 - 12
SR 54 East	6	\$187,577	\$1,125,462		1				-
JN J4 Last	Subtotal Signalization Costs	7107,377	\$2,250,924		-				
Subtotal Consti			\$840,164,857						
Contingency	25.00%		\$210.041.214				100 Oct 100 Oc		
Subtotal Consti			\$1,050,206,071						
Design	15%		\$157,530,911						
CEI	15%		\$157,530,911						*
Total Project C	onst & Engineering Cost	<u> </u>	\$1,365,267,893				1		

Notes:	Bridge width of 86.2' consists of two bridges of (2) 12' Lanes, (1) 10' Shoulder, (1) 6' Shoulder, and (2) 1.54 Barriers.									
	Widening the existing roadway at grade is necessary because the inside lane is in the way of the bridge supports.									
	SR 54 West existing signals are located at Starkey Blvd., Duck Slough Blvd., Trinity Blvd., Gunn Highway, Crossing Blvd., and at the Suncoast Parkway.									
	SR 54 East existing signals are located at the Suncoast Parkway, Ballantrae Blvd., unnamed road by the fire station, Sunslake Blvd., Oakstead Blvd., and US 41.									
	The signalization cost for SR 54 East and West is from FDOT Construction Cost of a 6-Lane Roadway intersecting a 6-Lane Roadway. FDOT has only established									
	construction costs for a 2-Lane Roadway intersecting a 2-Lane Roadway, a 4-Lane Roadway intersecting a 4-Lane Roadway, and a 6-Lane Roadway									
	Intersecting a 6-Lane Roadway.									
	The interchange modifications are necessary to connect the elevated SR 54 and at grade SR 54 to the Suncoast.									

Iternative N	o: 12	- 2-Lane Tower Rd SR 54 add 2-Lanes								
visting Typic	al Sec	tion Tower West:	Undeveloped							
		tion Tower East:	Undeveloped							
xisting Typic	al Sec	tion SR 54 West:	Urban/Rural 6-lar	ne roadway						
		tion SR 54 East:	Rural 4-lane road							
0 11										
		Gross Length			Net Length			Bridge Length		
		SR 54 West:	6.763		SR 54 West:	6.763		SR 54 West:	0.000	
		SR 54 East:	5.077		SR 54 East:	5.077		SR 54 East:	0.000	18 6
	1	Starky Blvd. to a point approx 1/4 mile west on Trinity ext.	1.520			1.520				
	2	West of Trinity Ext. to 1/2 mile East of Trinity Extension	0.750			0.750				
Tower Rd.	3	East of Trinity Ext. to Eastern Boundary of Starkey	1.130			1.130				
West:	4	Eastern Boundary of Starkey to Western Boundary of Behnke (Asturia)	0.660			0.660				
	5	Western Boundary of Behnke (Asturia) to Eastern Boundary of Behnke	1.070			1.070				
	6	Eastern Boundary of Behnke to Suncoast	0,820			0.744			0.076	Bridge over Suncoast
	7	Suncoast to Bexley Ranch Blvd.	0.630			0.630				
Tower Rd.	8	Bexley Ranch Blvd. to Future Balantrae	0.840			0.840				
East:	9	Future Balantrae connection to Eastern Boundary of Bexley Ranch	2.150			2.150				
	10	Eastern Boundary of Bexley Ranch to US 41.	2.300			2.274			0.026	Bridge over RailRoad
ounty Roads	way f	Construction Cost	2.22		\$0					
Side		Description	Length (ft)	FDOT Const. Cost/Mile	Const. Cost	MOT (Yes or No)	MOT Cost	Mobilization	Subtotal	Adjusted Subtotal (85%
	1	New 2-Lane Urban with 5' Sidewalks	1.52	\$4,840,624	\$7,357,748	No	\$0	\$735,775	\$8,093,523	\$6,879,495
	2	New 2-Lane Urban with 5' Sidewalks	0.75	\$0	SO	No	\$0	\$0	ŚO	\$0
Tower Rd.	3	New 2-Lane Urban with 5' Sidewalks	1.13	\$4,840,624	\$5,469,905	No	\$0	\$546,991	\$6,016,896	\$5,114,361
West:	4	New 2-Lane Urban with 5' Sidewalks	0.66	\$4,840,624	\$3,194,812	No	\$0	\$319,481	\$3,514,293	\$2,987,149
11.000	5	New 2-Lane Urban with 5' Sidewalks	1.07	\$4,840,624	\$5,179,468	No	50	\$517,947	\$5,697,414	\$4,842,802
	6	New 2-Lane Urban with 5' Sidewalks	0.74	\$4,840,624	\$3,601,424	No	\$0	\$360,142	\$3,961,567	\$3,367,332
	7	New 2-Lane Urban with 5' Sidewalks	0.63	\$4,840,624	\$3,049,593	No	\$0	\$304,959	\$3,354,552	\$2,851,370
Tower Rd.	8	New 2-Lane Urban with 5' Sidewalks	0.84	\$0	\$0	No	\$0	\$0	\$0	\$0
East:	9	New 2-Lane Urban with 5' Sidewalks	2.15	\$4,840,624	\$10,407,342	No	50	\$1,040,734	\$11,448,076	\$9,730,864
Cast.	10	New 2-Lane Urban with 5' Sidewalks	2.27	\$4,840,624	\$11,007,579	No	\$0	\$1,100,758	\$12,108,337	\$10,292,086
	10	INEW 2-Lane Ordan with 3 Sidewalks	2.27	34,040,024	711,007,373	Subtotal Roadwa			\$54,194,658	\$46,065,459

	o: 12 - 2-Lane Tower Rd SR 54 add 2-Lanes								
County Roady	vay Bridge Cost								
Side	Direction	Type	Location	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted
Tower West	Both	Overpass	Suncoast	400.0	47.1	18,840	\$155.00	\$2,920,200	\$2,482,17
Tower East	Both	Overpass	Railroad	135.0	47.1	6,359	\$155.00	\$985,568	\$837,732
TOWER CASE	botti	Overpass	Namoau		onstruction Costs		\$155.00	\$3,905,768	\$3,319,90
				Subtotal bridge C	I Constitution costs			\$3,303,706	33,313,30
County Roadw	vay Special Pipe Crossing Protection Costs								
Side	Direction	Type		Length (ft)	Cost/LF	Subtotal	Adjusted		
Tower West	Both	Casing		400	\$840	\$336,000	\$285,600		
Tower East	Both	Casing		400	\$840	\$336,000	\$285,600		
		- 27 A		Subtotal Pipe Pro	otection Costs		\$571,200		
terror and									
ounty Roadw	vay Signalization Cost	FREEZ							
	W. Marketti Co.	FDOT Const.	1-0 (24/A)	Adjusted					
Side	# of Signals	Cost/Signal	135	Subtotal (85%)					
Tower West	1	\$117,519	\$117,519	\$99,891	7				
Tower East	1	\$187,577	\$187,577	\$159,440	2				
		Subtotal Signaliza	tion Costs	\$259,332					
where Con-	truction costs		\$50,215,893						
			\$5,021,589						
Contingency (1	truction costs		\$55,237,483						
The second secon			\$2,761,874						
Design	5% 3%						-		
CEI			\$1,657,124 \$59,656,481						
County Roadw	vay Const & Engineering Cost		\$33,030,401						
State Highway	y System Construction Cost								
	y System Construction Cost Description	Length (miles)	FDOT Const.	Const. Cost	MOT	MOT Cost	Mobilization	Subtotal	
State Highway Side	Description	Length (miles)	FDOT Const.	Const. Cost	мот	MOT Cost	Mobilization	Subtotal	
Side	Description Add Lanes (6 to 8) with 5' Shoulders			7.				1	
	Description Add Lanes (6 to 8) with 5' Shoulders (Urban)	Length (miles)	FDOT Const. \$6,581,386	Const. Cost \$44,490,169	MOT Yes	MOT Cost \$4,449,017	Mobilization \$4,893,919	Subtotal \$53,833,105	
Side SR 54 West	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5'	6.76	\$6,581,386	\$44,490,169	Yes	\$4,449,017	\$4,893,919	\$53,833,105	
Side	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G			7.				1	
Side SR 54 West	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5'	6.76	\$6,581,386	\$44,490,169	Yes	\$4,449,017	\$4,893,919	\$53,833,105	
Side SR 54 West	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G	6.76	\$6,581,386	\$44,490,169	Yes	\$4,449,017	\$4,893,919	\$53,833,105	
SR 54 West SR 54 East	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with	6.76 5.08	\$6,581,386 \$2,420,914	\$44,490,169 \$12,298,243	Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874	
Side SR 54 West SR 54 East SR 54 East	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with	5.08 5.08	\$6,581,386 \$2,420,914	\$44,490,169 \$12,298,243	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side SR 54 West SR 54 East SR 54 East State Highway Side	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with 5' Shoulders	5.08 5.08 FDOT Const.	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal	\$44,490,169 \$12,298,243	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side SR 54 West SR 54 East SR 54 East SR 54 East	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with 5' Shoulders y System Signalization Cost	5.08 5.08	\$6,581,386 \$2,420,914 \$1,145,229	\$44,490,169 \$12,298,243	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side SR 54 West SR 54 East SR 54 East State Highway Side	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with 5' Shoulders y System Signalization Cost # of Signals	5.08 5.08 FDOT Const.	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal \$1,125,462 \$1,125,462	\$44,490,169 \$12,298,243	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side  SR 54 West  SR 54 East  SR 54 East  State Highway Side SR 54 West	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with 5' Shoulders y System Signalization Cost # of Signals 6	5.08 5.08 5.08 FDOT Const. \$187,577	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal \$1,125,462	\$44,490,169 \$12,298,243	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side SR 54 West SR 54 East SR 54 East State Highway Side SR 54 West SR 54 East	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with 5' Shoulders y System Signalization Cost # of Signals 6 Subtotal Signalization Costs	5.08 5.08 5.08 FDOT Const. \$187,577	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal \$1,125,462 \$1,125,462 \$2,250,924	\$44,490,169 \$12,298,243	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side  SR 54 West  SR 54 East  SR 54 East  State Highway Side SR 54 West SR 54 East	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with 5' Shoulders y System Signalization Cost # of Signals 6 Subtotal Signalization Costs truction costs	5.08 5.08 5.08 FDOT Const. \$187,577	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal \$1,125,462 \$1,125,462 \$2,250,924 \$78,004,397	\$44,490,169 \$12,298,243 \$5,817,763	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side  SR 54 East  SR 54 East  SR 54 East  State Highway Side SR 54 West SR 54 East  Subtotal Const	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with 5' Shoulders y System Signalization Cost # of Signals 6 Subtotal Signalization Costs truction costs 25%)	5.08 5.08 5.08 FDOT Const. \$187,577	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal \$1,125,462 \$1,125,462 \$2,250,924 \$78,004,397 \$19,501,099	\$44,490,169 \$12,298,243 \$5,817,763	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side  SR 54 East  SR 54 East  SR 54 East  State Highway Side SR 54 West SR 54 East  Subtotal Const	Description  Add Lanes (6 to 8) with 5' Shoulders (Urban)  Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G  Rural Milling & Resurfacing (4-Lane) with 5' Shoulders  y System Signalization Cost # of Signals 6 6 Subtotal Signalization Costs  truction costs  25%)  truction costs	5.08 5.08 5.08 FDOT Const. \$187,577	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal \$1,125,462 \$1,125,462 \$2,250,924 \$78,004,397 \$19,501,099 \$97,505,496	\$44,490,169 \$12,298,243 \$5,817,763	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side  SR 54 West  SR 54 East  SR 54 East  State Highway Side SR 54 West SR 54 East  Subtotal Const Contingency (2 Subtotal Const Design	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with 5' Shoulders  y System Signalization Cost # of Signals 6 6 Subtotal Signalization Costs  truction costs 25%) truction costs [15%]	5.08 5.08 5.08 FDOT Const. \$187,577	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal \$1,125,462 \$1,125,462 \$2,250,924 \$78,004,397 \$19,501,099 \$97,505,496 \$14,625,824	\$44,490,169 \$12,298,243 \$5,817,763	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side  SR 54 West  SR 54 East  SR 54 East  State Highway Side SR 54 West SR 54 East  Subtotal Const Contingency (2 Subtotal Const Design CEI	Description  Add Lanes (6 to 8) with 5' Shoulders (Urban)  Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G  Rural Milling & Resurfacing (4-Lane) with 5' Shoulders  y System Signalization Cost # of Signals 6 6 Subtotal Signalization Costs  truction costs 25%) truction costs 15%	5.08 5.08 5.08 FDOT Const. \$187,577	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal \$1,125,462 \$1,125,462 \$2,250,924 \$78,004,397 \$19,501,099 \$97,505,496 \$14,625,824 \$14,625,824	\$44,490,169 \$12,298,243 \$5,817,763	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side  SR 54 West  SR 54 East  SR 54 East  State Highway Side SR 54 West SR 54 East  Subtotal Const Contingency (2 Subtotal Const Contingency (2 Subtotal Const Contingency (2 Subtotal Const Contingency (2 Subtotal Const	Description Add Lanes (6 to 8) with 5' Shoulders (Urban) Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G Rural Milling & Resurfacing (4-Lane) with 5' Shoulders  y System Signalization Cost # of Signals 6 6 Subtotal Signalization Costs  truction costs 25%) truction costs [15%]	5.08 5.08 5.08 FDOT Const. \$187,577	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal \$1,125,462 \$1,125,462 \$2,250,924 \$78,004,397 \$19,501,099 \$97,505,496 \$14,625,824	\$44,490,169 \$12,298,243 \$5,817,763	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	
Side  SR 54 West  SR 54 East  SR 54 East  State Highway Side SR 54 West SR 54 East  Subtotal Const Contingency (2 Subtotal Const Design CEI State Highway	Description  Add Lanes (6 to 8) with 5' Shoulders (Urban)  Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G  Rural Milling & Resurfacing (4-Lane) with 5' Shoulders  y System Signalization Cost # of Signals 6 6 Subtotal Signalization Costs  truction costs 25%) truction costs 15%	5.08 5.08 5.08 FDOT Const. \$187,577	\$6,581,386 \$2,420,914 \$1,145,229 Subtotal \$1,125,462 \$1,125,462 \$2,250,924 \$78,004,397 \$19,501,099 \$97,505,496 \$14,625,824 \$14,625,824	\$44,490,169 \$12,298,243 \$5,817,763	Yes Yes Yes	\$4,449,017 \$1,229,824 \$581,776	\$4,893,919 \$1,352,807 \$639,954	\$53,833,105 \$14,880,874 \$7,039,494	

lternative f	No: 12 ~ 2-Lane Tower Rd SR 54 add 2-Lanes
lotes:	SR 54 East Length is doubled to account for 1 lane on each side of the roadway.
	There are 2 bridges; at the Suncoast and at the railroad crossing.
	The bridge on Tower Road is (2) 12' lanes, (2) 10' Shoulders, and (2) 1.54' Barriers.
	Bridge over the Suncoast Parkway is included with the west side costs.
	Pipe protection costs for existing TBW 84" WM is per information provided by TBW.
	Tower Road West proposed signal is at Starkey Blvd. and Tower Road East proposed Signal is at US 41.
	SR 54 West existing signals are located at Starkey Blvd., Duck Slough Blvd., Trinity Blvd., Gunn Highway, Crossing Blvd., and at the Suncoast Parkway.
	SR 54 East existing signals are located at the Suncoast Parkway, Ballantrae Blvd., unnamed road by the fire station, Sunslake Blvd., Oakstead Blvd., and US 41.
	The signalization cost for SR 54 and Tower East is from FDOT Construction Cost of a 6-Lane Roadway intersecting a 6-Lane Roadway and the cost at Tower
	Road West is from a 2-Lane Roadway intersecting a 2-Lane Roadway. FDOT has only established construction costs for a 2-Lane Roadway intersecting a 2-Lane
	Roadway, a 4-Lane Roadway intersecting a 4-Lane Roadway, and a 6-Lane Roadway intersecting a 6-Lane Roadway.

Alternative	No: 13 - SR 52 add 2-Lanes SR 5	4 add 2-Lanes							
Cuistin a Tuni	ical Continu CD F2 Mosts	Urban 6-lane road	1	ļ.,					
	A STATE OF THE PARTY OF THE PAR								
		Rural 2-lane road							
	ical Section SR 54 West:	Urban/Rural 6-lan	THE PLAN AND ADDRESS OF THE PARTY SHOPPING					To a second	
Existing Typi	ical Section SR 54 East:	Rural 4-lane road	way						
	Gross Length		W.102 _ W.	Net Length		*****	Bridge Length		
	SR 52 West:	3.167		SR 52 West:	3.167		SR 52 West:	0.000	
	SR 52 East:	3.109		SR 52 East:	3.109		SR 52 East:	0.000	
	SR 54 West:	6.763		SR 54 West:	6.763		SR 54 West:	0.000	
	SR 54 East:	5.077	-10-20-	SR 54 East:	5.077		SR 54 East:	0.000	
State Highw	l ray System Construction Cost	2.22	* *	\$0					
			FDOT Const.		MOT				
Side	Description	Length (miles)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	
	Add Lanes (6 to 8) with 5'	congan (minor)	5554,11115		(12201110)		Wiedmadion	- Subtotui	
SR 52 West	TO STATE OF THE PARTY OF THE PA	3.17	ĆE 050 150	¢10 000 F31	Vac	¢1 990 0F3	62 077 050	622.057.542	
SK 52 West		3.17	\$5,959,158	\$18,890,531	Yes	\$1,889,053	\$2,077,958	\$22,857,542	
	New Construction (4-Lane						1		
SR 52 East	Roadway) with 5' S/W, C&G	3.11	\$6,832,753	\$21,249,862	Yes	\$2,124,986	\$2,337,485	\$25,712,333	- 10
	Add Lanes (6 to 8) with 5'								
SR 54 West	Sidewalks and C&G (Urban)	6.76	\$6,581,386	\$44,490,169	Yes	\$4,449,017	\$4,893,919	\$53,833,105	
	Add 1 Thru Lane (Urban) on								
SR 54 East	Outside w/ 5' S/W, & C&G	5.08	\$2,420,914	\$12,298,243	Yes	\$1,229,824	\$1,352,807	\$14,880,874	
Sit 5 / Edst	Rural Milling & Resurfacing (4-	277.577.00CC.	<i><b>42,120,32</b>1</i>	422/230/213	165	<b>VI/223/02</b> 4	Q2/332/307	\$24,000,074	
CD E4 Each	Lane) with 5' Shoulders	5.08	¢1 145 220	\$5,817,763	Yes	\$581,776	\$639,954	67 020 404	
SR 54 East	Lane) with 5 Shoulders	5.06	\$1,145,229	\$3,617,703				\$7,039,494	
			ćono		Subtotal Roadwa	y Construction C	OSIS	\$124,323,348	
*A-A- 11:-1	Suntain Claus line Nov. Cont.		\$900						
	yay System Signalization Cost	FDOT C	C. Land						
Side	# of Signals	FDOT Const.	Subtotal						
SR 52 West		\$187,577	\$750,308						
SR 52 East	3	\$147,128	\$441,384						
SR 54 West		\$187,577	\$1,125,462						
SR 54 East	6	\$187,577	\$1,125,462			100			
	Subtotal Signalization Costs		\$3,442,616		,				

Uternativ	ve No: 13 - SR 52 add 2-Lanes SR 54 add	2-Lanes					
Subtotal (	Construction costs	\$127,765,964					
Continger	ncy (25%)	\$31,941,491					71
Subtotal (	Construction costs	\$159,707,455					
Design	15%	\$135					
CEI	15%	\$23,956,118					
Total Pro	ject Const & Engineering Cost	\$183,663,708					
Notes:	SR 54 East Length is doubled to accou	int for 1 lane on each side of t	he roadway.				
	SR 52 West existing signals are locate	d at Moon Lake Rd., Hays Rd.,	Silver Palm Blvd., and	at the Suncoast F	Parkway.		
	SR 52 East existing signals are located						
	SR 54 West existing signals are locate	d at Starkey Blvd., Duck Sloug	h Blvd., Trinity Blvd., G	unn Highway, Cro	ossing Blvd., and at	the Suncoast Parkway.	
	SR 54 East existing signals are located						
	The signalization cost for SR 52 West	and SR 54 East and West is fro	om FDOT Construction	Cost of a 6-Lane	Roadway intersection	ng a 6-Lane Roadway a	nd the cost
	at SR 52 East is from a 4-Lane Roadw						
	2-Lane Roadway, a 4-Lane Roadway						

	Т									
		Section SR 52 West:	Urban 6-lane road							
		Section SR 52 East:	Rural 2-lane road	way						
Existing Typ	kisting Typical Section Tower West:		Undeveloped							
Existing Typ	ical S	ection Tower East:	Undeveloped							
	-	Casas Langth			Net I and			Dalder Least		
	-	Gross Length	3.167		Net Length	2.167		Bridge Length	0.000	
	-	SR 52 West: SR 52 East:	3.109		SR 52 West: SR 52 East:	3.167 3.109		SR 52 West: SR 52 East:	0.000	
_	-	Starky Blvd. to a point approx	3.103		JN JZ Edst.	3.103		SK 32 Edst.	0.000	
	1	1/4 mile west on Trinity ext.	1.520			1.520				
	2	West of Trinity Ext. to 1/2 mile	0.750			0.750				
	-	East of Trinity Extension East of Trinity Ext. to Eastern								
Tower Rd.	3	Boundary of Starkey	1.130			1,130	/			
West:	4	Eastern Boundary of Starkey to Western Boundary of Behnke	0.660			0.660				
	5	Western Boundary of Behnke (Asturia) to Eastern Boundary of	1.070			1.070				
	6	Eastern Boundary of Behnke to Suncoast	0.820			0.744			0.076	Bridge over Suncoast
	7	Suncoast to Bexley Ranch Blvd.	0.630			0.630				
Tower Rd.	8	Bexley Ranch Blvd. to Future Balantrae connection	0.840			0.840				
East:	9	Future Balantrae connection to Eastern Boundary of Bexley	2.150			2.150				
	10	Eastern Boundary of Bexley Ranch to US 41.	2.300			2.274			0.026	Bridge over RailRoad
County Pon	dun	y Construction Cost	2.22		\$0					
county NO	I	y construction cost	2.22	FDOT Const.	- Ju	MOT				Adjusted
Side		Description	Length (ft)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	
Jiue	1	New 2-Lane Urban with 5' SW	1.52	\$4,840,624	\$7,357,748	No	\$0	\$735,775	\$8,093,523	Subtotal (85% \$6,879,495
	2	New 2-Lane Urban with 5' SW	0.75	\$0	\$0	No	\$0	\$0	\$6,093,523	\$0,879,495
Tower Rd.	3	New 2-Lane Urban with 5' SW	1.13	\$4,840,624	\$5,469,905	No	\$0	\$546,991	\$6,016,896	\$5,114,361
West:	4	New 2-Lane Urban with 5' SW	0.66	\$4,840,624	\$3,194,812	No	\$0	\$319,481	\$3,514,293	\$2,987,149
west.	5	New 2-Lane Urban with 5' SW	1.07	\$4,840,624	\$5,179,468	No	\$0	\$517,947	\$5,697,414	\$4,842,802
	6	New 2-Lane Urban with 5' SW	0.74	\$4,840,624	\$3,601,424	No	\$0	\$360,142	\$3,961,567	\$3,367,332
-	7	New 2-Lane Urban with 5' SW	0.63	\$4,840,624	\$3,049,593	No	\$0	\$304,959	\$3,354,552	\$2,851,370
Tower Rd.	8	New 2-Lane Urban with 5' SW	0.84	\$0	\$0	No	\$0	\$0	\$0	\$2,831,370
East:	9	New 2-Lane Urban with 5' SW	2.15	\$4,840,624	\$10,407,342	No	\$0	\$1,040,734	\$11,448,076	\$9,730,864
Cast.	10		2.27	\$4,840,624	\$11,007,579	No	\$0	\$1,100,758	\$12,108,337	\$10,292,086
	10	THE PARTY OF THE STREET STREET	£1£/	¥4,040,024	744,001,515	Subtotal Roadwa			\$54,194,658	\$46,065,459

Alternative No	: 14 - 2-Lane Tower Rd SR 52 add 2	-Lanes							
County Pondy	ay Bridge Cost								-
Side I	Direction	Туре	Location	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted
Tower West	Both	Overpass	Suncoast	400.0	47.1	18,840	\$155.00	\$2,920,200	\$2,482,170
Tower East	Both	Overpass	Railroad	135.0	47.1	6,359	\$155.00	\$985,568	\$837,732
TOWER COSC	Both	Ovcipass	Italiioad		Construction Costs		\$155.00	\$3,905,768	\$3,319,902
——————————————————————————————————————			-	Subtotal Blidge	T CONSTRUCTION COSTS		T	\$3,503,708	33,313,302
County Roadw	ay Special Pipe Crossing Protection	Costs							- No. 1
Side	Direction	Type		Length (ft)	Cost/LF	Subtotal	Adjusted		
Tower West	Both	Casing		400	\$840	\$336,000	\$285,600		
Tower East	Both	Casing		400	\$840	\$336,000	\$285,600		
				Subtotal Pipe Pr	otection Costs		\$571,200		
County Boody	Signalization Cost			44					
Side I	ay Signalization Cost # of Signals	FDOT Const.	135	Adjusted					
Tower West		\$117,519	\$117,519	Adjusted \$99,891					
Tower East	1 1	\$117,519	\$117,519	\$159,440					
rower east									
		Subtotal Signaliza	tion Costs	\$259,332					
Subtotal Const	ruction costs		\$50,215,893						
Contingency (1	0%)		\$5,021,589					7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
Subtotal Const			\$55,237,483						-
Design	5%		\$2,761,874						
CEI	3%		\$1,657,124						
<b>County Roadw</b>	ay Project Const & Engineering Cos	t	\$59,656,481						
State Highway	System Construction Cost	***							
Side	Description	Length (miles)	FDOT Const.	Const. Cost	MOT	MOT Cost	Mobilization	Subtotal	
Side		cengui (iiiies)	roor const.	Collst. Cost	IVIOT	WOTCOSE	IVIODIIIZALIOII	Subtotal	
Charles and the State of	Add Lanes (6 to 8) with 5'		ACT 20 10 10 10 100 200	Account on the late of the					
SR 52 West	Sidewalks & C&G (Urban)	3.17	\$6,115,218	\$19,385,241	Yes	\$1,938,524	\$2,132,377	\$23,456,142	
	New Construction (4-Lane					92			
SR 52 East	Roadway) with 5' S/W, C&G	3.11	\$6,832,753	\$21,249,862	Yes	\$2,124,986	\$2,337,485	\$25,712,333	
		D-1			Subtotal Roadwa	y Construction Co	sts	\$49,168,474	
	System Signalization Cost								
Side	# of Signals	FDOT Const.	Subtotal						
SR 52 West	4	\$187,577	\$750,308						
SR 52 East	3	\$147,128	\$441,384						
	Subtotal Signalization Costs		\$1,191,692						
Subtotal Const	ruction costs		\$50,360,166						
Contingency (2			\$12,590,042	-		-			
Subtotal Const		<del>                                     </del>	\$62,950,208		<b> </b>				
Design	115%	***	\$9,442,531						
CEI	15%		\$9,442,531						10-
	System Project Const & Engineering	ng Cost	\$81,835,271		<del>                                     </del>				
,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, ,						
Total Project C	onst & Engineering Cost		\$141,491,752						

Iternative	No: 14 - 2-Lane Tower Rd SR 52 add 2-Lanes
otes:	
	There are 3 bridges; at the Suncoast, at the railroad crossing and over the wetland approaching US 41.
	The bridge on Tower Road is (2) 12' lanes, (2) 10' Shoulders, and (2) 1.54' Barriers.
	Bridge over the Suncoast Parkway is included with the west side costs.
	Pipe protection costs for existing TBW 84" WM is per information provided by TBW.
	Tower Road West proposed signal is at Starkey Blvd. and Tower Road East proposed Signal is at US 41.
	SR 52 West existing signals are located at Moon Lake Rd., Hays Rd., Silver Palm Blvd., and at the Suncoast Parkway.
	SR 52 East existing signals are located at the Suncoast Parkway, Shady Hills Rd., and US 41.
	The signalization cost for SR 52 West and Tower East is from FDOT Construction Cost of a 6-Lane Roadway intersecting a 6-Lane Roadway, the signalization cost
	for SR 52 East is from a 4-Lane Roadway intersecting a 4-Lane Roadway, and the cost at Tower Road West is from a 2-Lane Roadway intersecting a 2-Lane
	Roadway. FDOT has only established construction costs for a 2-Lane Roadway intersecting a 2-Lane Roadway, a 4-Lane Roadway intersecting a 4-Lane
	Roadway, and a 6-Lane Roadway intersecting a 6-Lane Roadway.

Alternative	No:	15 - 2-Lane RRE 2-Lane Tower Rd								
xisting Typ	ical S	Section Ridge Rd. West:	Undeveloped							
		section Ridge Rd. East:	Undeveloped							
isting Typical Section Tower West:		Undeveloped								
xisting Typ	ical S	ection Tower East:	Undeveloped							
		C			Martanes			Carles Land		
	-	Gross Length Ridge Rd. West.	4,708		Net Length Ridge Rd. West:	4.525		Bridge Length Ridge Rd. West:	0.183	
		Ridge Rd. East:	3.933	_	Ridge Rd. East:	3.882		Ridge Rd. East:	0.051	
	1	Starky Blvd. to a point approx 1/4 mile west on Trinity ext.	1.520			1.520		, and a second	4,031	
	2	West of Trinity Ext. to 1/2 mile East of Trinity Extension	0.750		DE T	0.750				
Tower Rd.	3	East of Trinity Ext. to Eastern Boundary of Starkey	1.130			1.130				
West:	4	Eastern Boundary of Starkey to Western Boundary of Behnke	0.660			0 660				
	5	Western Boundary of Behnke (Asturia) to Eastern Boundary of	1.070			1.070				
	6	Eastern Boundary of Behnke to Suncoast	0.820			0.744			0.076	Bridge over Suncoast
	7	Suncoast to Bexley Ranch Blvd.	0.630			0.630				
Tower Rd.	8	Bexley Ranch Blvd. to Future Balantrae connection	0.840			0.840				
East:	9	Future Balantrae connection to Eastern Boundary of Bexley	2.150			2 150				
	10	Eastern Boundary of Bexley Ranch to US 41.	2.300			2.274			0.026	Bridge over RailRoad
ounty Roa	dwa	y Construction Cost	2.22		50					
Side		Description	Length (miles)	FDOT Const. Cost/Mile	Const. Cost	MOT (Yes or No)	MOT Cost	Mobilization	Subtotal	Adjusted Subtotal (85%
Ridge West		New 4-Lane Urban with 5' Sidewalk and C&G	1.59	\$6,832,753	\$10,864,077	No	\$0 \$0	\$1,086,408	\$11,950,485	\$10,157,912
Ridge West		Multi-Use Trail New 2-Lane Rural with 5'	1.59	\$170,032	\$270,351	No	\$0	\$27,035	\$297,386	\$252,778
Ridge West Ridge West		Paved Shoulders Multi-Use Trail	2.94 2.94	\$3,351,896 \$170,032	\$9,854,574 \$499,894	No No	\$0 \$0	\$985,457 \$49,989	\$10,840,032 \$549,883	\$9,214,027 \$467,401
71		New 2-Lane Rural with 5' Paved Shoulders		\$3,351,896	\$13,005,356	No	50	\$1,300,536	\$14,305,892	\$12,160,008
Ridge East Ridge	-	1 Through Lane on the Outside	3,08	\$3,331,890	\$13,003,336	NO	20	\$1,300,530	\$14,305,892	\$12,160,008
ast/West*		(Ramps)	1.56	\$1,334,043	\$2,081,107	No	\$0	\$208,111	\$2,289,218	\$1,945,835
way west	1	New 2-Lane Urban with 5' SW	1.52	\$4,840,624	\$7,357,748	No	\$0	\$735,775	\$8,093,523	\$6,879,495
	2	New 2-Lane Urban with 5' SW	0.75	\$0	\$0	No	50	\$0	\$0,033,323	\$0,073,433
Tower Rd.	3	New 2-Lane Urban with 5' SW	1.13	\$4,840,624	\$5,469,905	No	\$0	\$546,991	\$6,016,896	\$5,114,361
West:	4	New 2-Lane Urban with 5' SW	0.66	\$4,840,624	\$3,194,812	No	\$0	\$319,481	\$3,514,293	\$2,987,149
	5	New 2-Lane Urban with 5' SW	1.07	\$4,840,624	\$5,179,468	No	\$0	\$517,947	\$5,697,414	54,842,802
	6	New 2-Lane Urban with 5' SW	0.74	\$4,840,624	\$3,601,424	No	\$0	\$360,142	\$3,961,567	\$3,367,332
	-	New 2-Lane Urban with 5' SW	0.63	\$4,840,624	\$3,049,593	No	\$0	\$304,959	\$3,354,552	\$2,851,370
	1 7	MEM T-FRUE OLDSU MITH 2 246				No	\$0	\$304,959	\$3,354,552	\$2,851,570
Towns 24	7	New 2 Lane Hebre week Class	0.04							
Tower Rd.	8	New 2-Lane Urban with 5' SW	0.84	\$0	\$0					
Tower Rd. East:	-	New 2-Lane Urban with 5' 5W	0.84 2.15 2.27	\$4,840,624 \$4,840,624	\$10,407,342 \$11,007,579	No No	\$0 \$0	\$1,040,734 \$1,100,758	\$11,448,076 \$12,108,337	\$9,730,864

Alternative N	lo: 15 - 2-Lane RRE 2-Lane Tower Rd								
ounty Road	way Bridge Cost	-							
Side	Direction	Туре	Location	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted
idge West	East/West	Mid Level	River	845.0	60.0	50,700	\$145.00	\$7,351,500	\$6,248,775
idge West	East/West	Mid Level	Wildlife	120.0	60.0	7,200	\$145.00	\$1,044,000	\$887,400
Ridge East	East/West	Overpass	Easement	135.0	47.1	6,359	\$155.00	\$985,568	\$837,732
Ridge East	East/West	Overpass	Railroad	135.0	47.1	6,359	\$155.00	\$985,568	\$837,732
ower West	Both	Overpass	Suncoast	400.0	47.1	18,840	\$155.00	\$2,920,200	\$2,482,170
ower East	Both	Overpass	Railroad	135.0	47.1	6,359	\$155.00	\$985,568	\$837,732
Ower cast	BOUI	Overpass		Subtotal Bridge C			\$133.00	\$14,272,403	\$12,131,542
		-		Subtotal Bridge C	onstruction Cost	1		\$14,272,403	\$12,131,542
ounty Road	way Special Pipe Crossing Protection	Costs							
Side	Direction	Туре		Length (ft)	Cost/LF	Subtotal	Adjusted		
ower West	Both	Casing		400	\$840	\$336,000	\$285,600		
Tower East	Both	Casing		400	\$840	\$336,000	\$285,600		
				Subtotal Pipe Pro	tection Costs		\$571,200		
ounty Road	way Signalization Cost								
		FDOT Const.		Adjusted					
Side	# of Signals	Cost/Signal	Subtotal	Subtotal (85%)					
Ridge West	1	\$117,519	\$117,519	\$99,891					
Ridge East	1	\$187,577	\$187,577	\$159,440					
ower West	1	\$117,519	\$117,519	\$99,891					
Tower East	1	\$187,577	\$187,577	\$159,440					
		Subtotal Signaliza	tion Costs	\$518,663					
	struction costs		\$93,484,826						
ontingency			\$9,348,483						
	struction costs	1000	\$102,833,309			4-982			
esign	5%		\$5,141,665		2-2	1200 2			
EI	3%		\$3,084,999						
otal Project	Const & Engineering Cost		\$111,059,974	- We					
otes:	Bridge width of 60.0' consists of	2\ 12' Lanes /2\ 10	Shoulders (1) 1:	7 Trail and /1\ 1' F	Paranet /1\ 1 5' B	arrier and (1) 1 5/	Barriers		
otes.	Bridge width of 47.1 consists of				maper, (1) 1.3 B	unici and (1/ 1.54	Darriers.	-	-
	The ramps are the 4 ramps calcu				change (Phase II)	Plans.	-	<del>                                     </del>	
	Pipe protection costs for existing				The state of				
	Ridge Road West proposed signa			vided by 1011.	-				
	Ridge Road East proposed signal						-		-
	Tower Road West proposed signal			Fast proposed Sig	nal is at US 41				
	The signalization cost for Ridge R					Roadway intercert	ing a 2-lane Pos	dway and the	
	Isignalization cost for Ridge Road								l_
	costs for a 2-Lane Roadway inter								JII
		securig a 2-carie KO	auway, a 4-Lane	roadway intersec	ung a 4-Lane Koa	uway, anu a o-Lar	ie noauway inter	serung a o-rane	
	Roadway								

Alternative	No: 16 - 2-Lane RRE SR 52 add	d 2-Lanes							P. Janes
Existing Typ	ical Section Ridge Rd. West:	Undeveloped							
	pical Section Ridge Rd. East:	Undeveloped							
Existing Typ	oical Section SR 52 West:	Urban 6-lane road	lway						
Existing Typ	pical Section SR 52 East:	Rural 2-lane road	way						
	Complement			Netteeth			Deldas Landb		
	Gross Length	4.708		Net Length Ridge Rd. West:	4.525		Bridge Length	0.183	
	Ridge Rd. West:	3.933			3.882		Ridge Rd. West:	0.183	
	Ridge Rd. East:	3.167		Ridge Rd. East: SR 52 West:	3.167		Ridge Rd. East:	0.000	
	SR 52 West:			SR 52 West:	3.109		SR 52 West:		
	SR 52 East:	3,109		SK 52 East:	3.109		SR 52 East:	0.000	
County Roa	dway Construction Cost	2.22		\$0	1				
			FDOT Const.		MOT				Adjusted
Side	Description	Length (miles)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	Subtotal (85%)
-	New 2-Lane Urban with 5'	giri (iii) day	2024 11112		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			200000	1
Ridge West	Sidewalk and C&G	1.59	\$4,840,624	\$7,696,592	No	\$0	\$769,659	\$8,466,251	\$7,196,314
Ridge West	Multi-Use Trail	1.59	\$170,032	\$270,351	No	\$0	\$27,035	\$297,386	\$252,778
11.50	New 2-Lane Rural with 5'		4.40.474.	Benness 2	ACT .		111111111111111111111111111111111111111	37.00.75.0	********
Ridge West	Paved Shoulders	2.94	\$4,840,624	\$14,231,435	No	\$0	\$1,423,143	\$15,654,578	\$13,306,391
Ridge West		2.94	\$170,032	\$499,894	No	\$0	\$49,989	\$549,883	\$467,401
tonge treat	New 2-Lane Rural with 5'		,,	¥ 100/40 1	1.0		7.07.00	45 15/665	V.0.7.02
Ridge East	The state of the s	3.88	\$3,351,896	\$13,005,356	No	\$0	\$1,300,536	\$14,305,892	\$12,160,008
Ridge	1 Through Lane on the								
East/West*	Outside (Ramps)	1.56	\$1,334,043	\$2,081,107	No	\$0	\$208,111	\$2,289,218	\$1,945,835
			\$900		Subtotal Roadwa			\$41,563,209	\$35,328,727
	idway Bridge Cost								
Side	Direction	Type	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted	
Ridge West		Mid Level	845.0	60.0	50,700	\$145.00	\$7,351,500	\$6,248,775	
Ridge West		Mid Level	120.0	60.0	7,200	\$145.00	\$1,044,000	\$887,400	
Ridge East		Overpass	135.0	47.1	6,359	\$155.00	\$985,568	\$837,732	
Ridge East	East/West	Overpass	135.0	47.1	6,359	\$155.00	\$985,568	\$837,732	
				Subtotal Bridge C	Construction Cost	S .	\$10,366,635	\$8,811,640	
County Roa	dway Signalization Cost								
Side	# of Signals	FDOT Const.	Subtotal	Adjusted					
Ridge West		\$147,128	\$135	\$115	No.				THE COLUMN
Ridge East	1	\$187,577	\$187,577	\$159,440					
		Subtotal Signaliza	tion Costs	\$159,555					
Subtotal Co	Instruction costs		\$44,299,922						
Contingenc			\$4,429,992				1		
	Instruction costs		\$48,729,915				1		
Design	15%		\$2,436,496						
CEI	3%		\$1,461,897			125			
	dway Total Project Const & E	ngineering Cost	\$52,628,308						

Alternative	No: 16 - 2-Lane RRE SR 52 add	2-Lanes					T		
State Highw	ay System Construction Cost								
Side	Description	Length (ft)	FDOT Const.	Const. Cost	MOT	MOT Cost	Mobilization	Subtotal	
SR 52 West	Add Lanes (6 to 8) with 5' Sidewalks and C&G (Urban)	3.17	\$6,115,218	\$19,385,241	Yes	\$1,938,524	\$2,132,377	\$23,456,142	
SR 52 East	New Construction (4-Lane Roadway) with 5' S/W, C&G	3.11	\$6,832,753	\$21,249,862	Yes  Subtotal Roadway	\$2,124,986	\$2,337,485	\$25,712,333	
					Subtotal Koadway	y Construction Co	I	\$49,168,474	
tate Highw	ray System Signalization Cost								
Side	# of Signals	FDOT Const.	Subtotal						
SR 52 West		\$187,577	\$750,308		7-1				
SR 52 East	3	\$187,577	\$562,731						
	Subtotal Signalization Costs		\$1,313,039		1		2.3		
Subtotal Cor	nstruction costs		\$50,481,513						
Contingency	(25%)		\$12,620,378					THE PARTY	
Subtotal Cor	nstruction costs		\$63,101,892						
	15%		\$9,465,284						
	15%		\$9,465,284						
State Highw	ay System Project Const & Eng	ineering Cost	\$82,032,459				ETES		
Total Projec	t Const & Engineering Cost		\$134,660,767						
Notes:	Bridge width of 60.0' consists of	of /2\ 12' Lanes (	2) 10' Shoulders (	1) 12 <sup>1</sup> Trail and (1	1 Paranet (1) 1 9	Barrier and (1)	1 54' Barriers		
	Bridge width of 47.1' consists of the ramps are the 4 ramps cal	of (2) 12' lanes, (2	2) 10' Shoulders, ar	nd (2) 1.54' Barrie	ers		Lip r duriers:		
	SR 52 West existing signals are								
	SR 52 East existing signals are				d US 41.				
	Ridge Road West proposed sig								
	Ridge Road East proposed sign					Land of the same of	ATEL SE		
	The signalization cost for SR 52								
	cost for SR 52 East is from a 4-								Lane
	Roadway. FDOT has only esta			ine Roadway inte	rsecting a 2-Lane F	Roadway, a 4-Lar	ne Roadway inters	ecting a 4-Lane	
	Roadway, and a 6-Lane Roadw	ay intersecting a	6-Lane Roadway.						

Alternative No	: 17 - 2-Lane RRE SR 54 add 2	-Lanes							
existing Typica	Section Ridge Rd. West:	Undeveloped		-					
	Section Ridge Rd. East:	Undeveloped							-
	Section SR 54 West:	Urban/Rural 6-la	ne roadway			1			1
	Section SR 54 East:	Rural 4-lane road	way						
	Gross Length			Net Length			Bridge Length		
	Ridge Rd. West:	4.708		Ridge Rd. West:	4.525		Ridge Rd. West:	0.183	
	Ridge Rd. East:	3.933		Ridge Rd. East:	3.882		Ridge Rd. East:	0.051	
	SR 54 West:	6.763	77 1	SR 54 West:	6.763		SR 54 West:	0.000	
	SR 54 East:	5.077		SR 54 East:	5.077		SR 54 East:	0.000	
County Roadw	ay Construction Cost	2.22		\$0					
			FDOT Const.	100	MOT	7			Adjusted
Side	Description	Length (miles)	Cost/Mile	Const. Cost	(Yes or No)	MOT Cost	Mobilization	Subtotal	Subtotal (85%)
Jiue	New 2-Lane Urban with	Length (miles)	Cost/Wille	CONST. COST	(rea di 140)	Wich cost	Widdinzacion	Junioral	300(0(a) (83%)
Ridge West	5' Sidewalk and C&G	1.59	\$4,840,624	\$7,696,592	No	\$0	\$769,659	\$8,466,251	\$7,196,314
Ridge West	Multi-Use Trail	1.59	\$170,032	\$270,351	No	\$0	\$27,035	\$297,386	\$252,778
inage trass	New 2-Lane Rural with		¥41.0/455	42	339	-	4-1,7-0	7251,1525	yes-p. re
Ridge West	5' Paved Shoulders	2.94	\$3,351,896	\$9,854,574	No	\$0	\$985,457	\$10,840,032	\$9,214,027
Ridge West	Multi-Use Trail	2.94	\$170,032	\$499,894	No	\$0	\$49,989	\$549,883	\$467,401
Muge west	New 2-Lane Rural with	2.34	\$170,032	3433,034	NO	30	343,303	\$343,003	3407,401
Ridge East	5' Paved Shoulders	3.88	\$3,351,896	\$13,005,356	No	\$0	\$1,300,536	\$14,305,892	\$12,160,008
Ridge	1 Through Lane on the								1 - 1 - 1
East/West*	Outside (Ramps)	1.56	\$1,334,043	\$2,081,107	No	\$0	\$208,111	\$2,289,218	\$1,945,835
COST/ VVCSC	Gutside (Marrips)	1,50	\$900	\$2,001,107	The second secon	av Construction (		\$36,748,662	\$31,236,363
			7,50					44.0/1.10/002	700,000
County Roadw	ay Bridge Cost		44 THE						
Side	Direction	Туре	Length (ft)	Width (ft)	Area (sf)	Cost/sf	Subtotal	Adjusted	
Ridge West	East/West	Mid Level	845.0	60.0	50,700	\$145.00	\$7,351,500	\$6,248,775	
Ridge West	East/West	Mid Level	120.0	60.0	7,200	\$145.00	\$1,044,000	\$887,400	
Ridge East	East/West	Overpass	135.0	47.1	6,359	\$155.00	\$985,568	\$837,732	
Ridge East	East/West	Overpass	135.0	47.1	6,359	\$155.00	\$985,568	\$837,732	
			The state of the s	Subtotal Bridge (	onstruction Cost	s	\$10,366,635	\$8,811,640	
County Roadw	yay Signalization Cost								
Side	# of Signals	FDOT Const.	Subtotal	Adjusted					
Ridge West	1	\$117,519	\$135	\$115					
Ridge East	1	\$187,577	\$187,577	\$159,440		11.			
		Subtotal Signaliza	ation Costs	\$159,555					
Subtotal Const	ruction costs		\$40,207,558						
Contingency (1			\$4,020,756						
Subtotal Const			\$44,228,314						
Design	15%		\$2,211,416						
CEI	3%	No 1	\$1,326,849						4
County Roady	yay Project Const & Engineeri	ng Cost	\$47,766,579			-			

ate Highway	System Construction Cost								
Side	Description	Length (ft)	FDOT Const.	Const. Cost	MOT	MOT Cost	Mobilization	Subtotal	
SR 54 West	Add Lanes (6 to 8) with 5' 5/W (Urban)	6.76	\$6,581,386	\$44,490,169	Yes	\$4,449,017	\$4,893,919	\$53,833,105	
SR 54 East	Add 1 Thru Lane (Urban) on Outside w/ 5' S/W, & C&G	5.08	\$2,420,914	\$12,298,243	Yes	\$1,229,824	\$1,352,807	\$14,880,874	
SR S4 East	Rural Milling & Resurfacing (4- Lane) with 5' Shoulders	5.08	\$1,145,229	\$5,817,763	Yes	\$581,776	\$639,954	\$7,039,494	
					Subtotal Roadw	ay Construction Co	sts	\$75,753,473	
	System Signalization Cost								
Side	# of Signals	FDOT Const.	Subtotal						
SR 54 West	6	\$187,577	\$1,125,462						
SR 54 East	6	\$187,577	\$1,125,462		1			k	
	Subtotal Signalization Costs		\$2,250,924						
Subtotal Const	truction costs		\$78,004,397		_				_
Contingency (2	25%)		\$19,501,099						
ubtotal Const	truction costs		\$97,505,496	7					
Design	15%		\$14,625,824		4 2000				
CEI	15%		\$14,625,824						
state Highway	System Project Const & Engine	ering Cost	\$126,757,145						
Total Project (	Const & Engineering Cost		\$174,523,724						
Notes:	Bridge width of 60.0' consists of	of (2) 12' Lanes. (	2) 10' Shoulders. (1	12' Trail and (1	1' Parapet. (1)	1.5' Barrier and (1)	1.54' Barriers.		
	Bridge width of 47.1' consists of					1	7		
	The ramps are the 4 ramps cale					ase II) Plans.			
	Ridge Road West proposed sig	nalization is local	ted at Starkey Blvd						
	Ridge Road East proposed sign				Service and the				
	SR 54 West existing signals are			gh Blvd., Trinity	Ivd., Gunn High	way, Crossing Blvd.	and at the Sunco	ast Parkway.	
	SR 54 East existing signals are								1.
	The signalization cost for SR 54								
	Road West is from a 2-Lane Ro								