

This Preliminary Engineering Report contains engineering information that fulfills the purpose and need for:

Tampa Interstate Study - Supplemental Environmental Impact Statement

I-275 from Howard Frankland Bridge to
North of Dr. Martin Luther King, Jr. Boulevard and
SR 60 from I-275 to just North of Cypress Street
and
I-4 from I-275 to East of 50th Street with New Alignment from I-4 South to
the Existing Selmon Expressway and Improvements to the Selmon
Expressway from the Kennedy Boulevard Overpass East to Maydell Drive

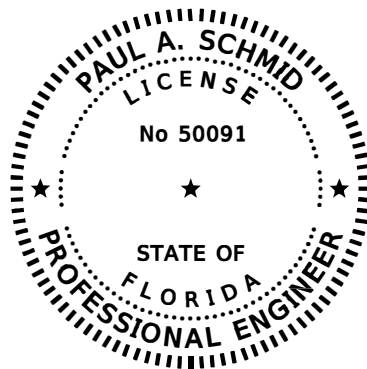
Hillsborough County, Florida

Work Program Item Segment Number 258337-2

Segments 1A & 2A

I acknowledge that the procedures and references used to develop the results contained in this report are standard to the professional practice of transportation engineering as applied through professional judgment and experience.

I hereby certify that I am a registered professional engineer in the State of Florida practicing with AECOM Technical Services, Inc., and that I have prepared or approved the evaluation, findings, opinions, conclusions, or technical advice for this project.



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

AECOM TECHNICAL SERVICES, INC.
7650 WEST COURTNEY CAMPBELL CAUSEWAY
TAMPA, FL 33607-1462
PAUL A SCHMID, P.E. NO. 50091

APPENDIX F

**TIS SEIS Preliminary
Alternatives Screening
Evaluation Technical Memo**



Florida Department of Transportation

RICK SCOTT
GOVERNOR

11201 N. McKinley Drive
Tampa, FL 33612

Mike Dew
SECRETARY

November 13, 2017

Cathy Kendall
Senior Environmental Specialist
Federal Highway Administration
Florida Division
3500 Financial Plaza, Suite 400
Tallahassee, FL 32312

Re: Tampa Interstate Study (TIS) Supplemental Environmental Impact Statement (SEIS) Preliminary Screening Technical Memo

Dear Cathy:

Attached you will find the TIS SEIS Preliminary Screening Technical Memo for your approval. FDOT will provide a copy of the report to the TIS SEIS Cooperating and Participating Agencies for a 30-day review and comment period. Once FDOT receives agency comments on the report and has responded to the comments, if any, we will provide FHWA with a revised final document. Once FHWA has received the final document, FDOT requests the concurrence from FHWA with the findings of the Preliminary Screening Technical Memo and the alternatives dropped from further consideration in the National Environmental Policy Act (NEPA) process, as indicated by signature below. All remaining alternatives will continue to be evaluated in the NEPA process.

If you have any comment, please feel free to contact me.

Sincerely,

Kirk Bogen, P.E.
Environmental Management Engineer
FDOT District Seven
Planning & Environmental Management Office (PLEMO)
kirk.bogen@dot.state.fl.us
(813) 975-6448 / (800) 226-7220 x6448
FAX: (813) 975-6451

FHWA concurs with the findings of the Preliminary Screening Technical Memo and the alternatives to be dropped from further consideration.

CATHY O KENDALL

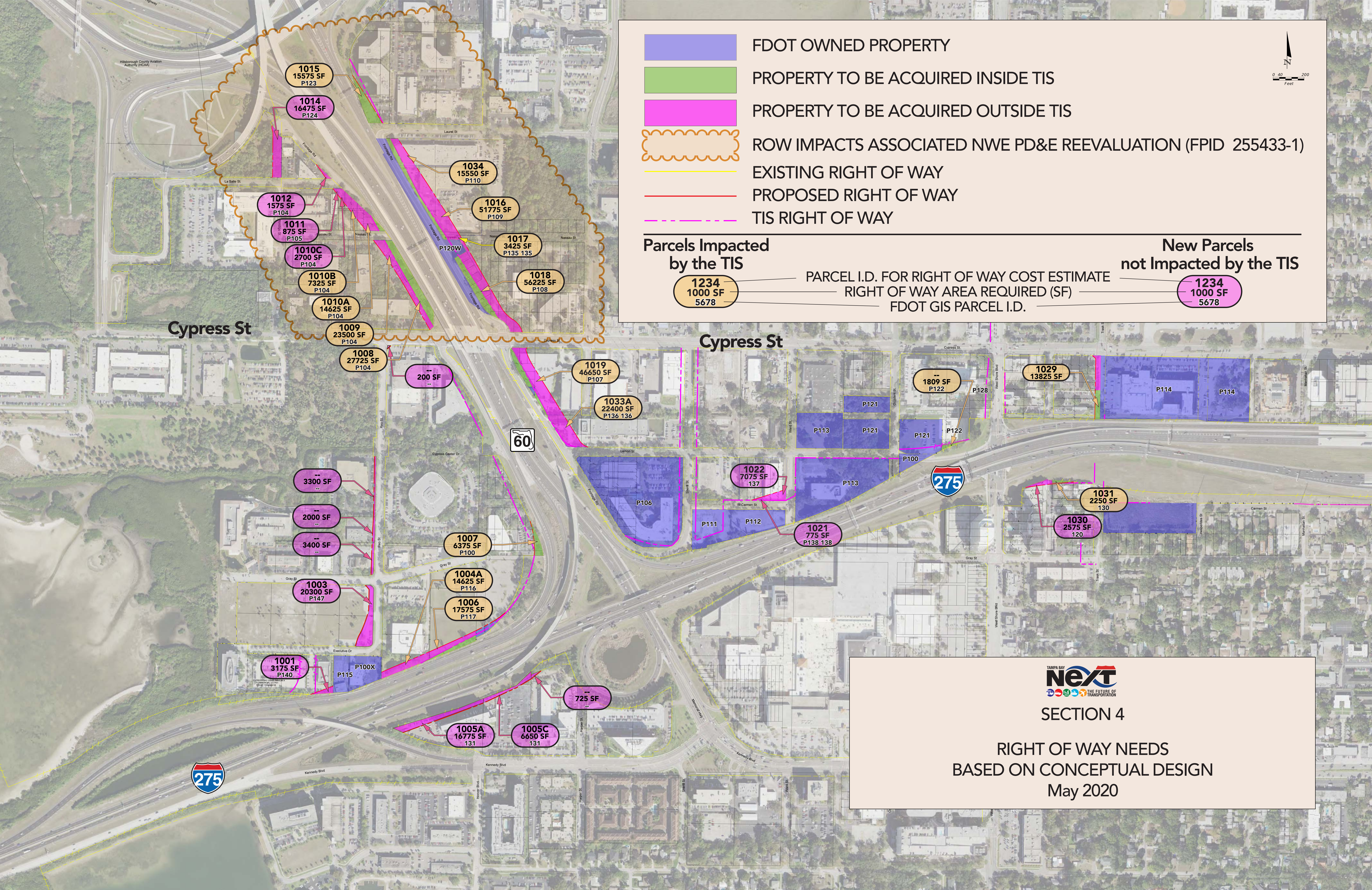
Cathy Kendall, Senior Environmental Specialist
Federal Highway Administration, Florida Division

Digitally signed by CATHY O KENDALL
DN: c=US, o=U.S. Government, ou=FHWA FHWA Tallahassee FL, ou=DOT FHWA Tallahassee FL,
cn=CATHY O KENDALL
Date: 2018.03.15 09:02:06 -04'00'

DATE

APPENDIX G

Proposed Right of Way Needs



FDOT OWNED PROPERTY



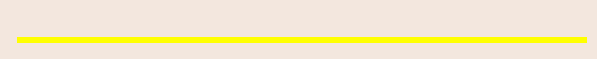
PROPERTY TO BE ACQUIRED INSIDE TIS



PROPERTY TO BE ACQUIRED OUTSIDE TIS



ROW IMPACTS ASSOCIATED NWE PD&E REEVALUATION (FPID 255433-1)



EXISTING RIGHT OF WAY



PROPOSED RIGHT OF WAY



TIS RIGHT OF WAY

Parcels Impacted
by the TIS

1234
1000 SF
5678

PARCEL I.D. FOR RIGHT OF WAY COST ESTIMATE
RIGHT OF WAY AREA REQUIRED (SF)
FDOT GIS PARCEL I.D.





New Parcels
not Impacted by the TIS

1234
1000 SF
5678



SECTION 4

RIGHT OF WAY NEEDS
BASED ON CONCEPTUAL DESIGN
May 2020

FLORIDA DEPARTMENT OF TRANSPORTATION										
DISTRICT SEVEN RIGHT OF WAY COST ESTIMATE										
HDR#: 100626981-2.1										
FM#:	412531-2	Alternate:	South of Cypress	District:	Seven					
County:	Hillsborough	Segment:	N/A	Date:	5-Feb-19					
State Rd.:	SR 60	FAP#:	N/A	C.E. Sequence#	N/A					
Project Des.:	SR 60 and I-275 Interchange									
Parcels	Gross	Net	Estimated Relocates:							
Commercial	15	11	Business	34						
Residential	0	0	Residential	0						
Unimproved	2	2	Signs	0						
			Special	0						
Total Parcels	17	13	Total Relocates	34						
R/W SUPPORT COSTS (PHASE 41)										
1. Direct Labor Cost	(Parcels	13	x	20,000 =	Rate)	Amount	260,000			
2. Indirect Overhead	(Parcels	13	x	0 =	Rate)	0				
3.						TOTAL PHASE 41	\$260,000			
R/W OPS (PHASE 4B)										
4. Appraisal Fees Through Trial	13	Parcels	x	30,000 =	Amount	390,000				
5. Business Damage CPA Fees Through Trial	32	Claims	x	19,000 =	608,000					
6. Court Reporter & Process Servers	50%	x	13 =	7	Parcels	x	500 =	3,500		
7. Expert Witness	75%	x	13 =	10	Parcels	x	30,000 =	300,000		
8. Mediators	75%	x	13 =	10	Parcels	x	2,400 =	24,000		
9. Demolition, Asb. Abate., Survey, etc.(plus \$1,060,000)				14	Imprvmet	x	15,000 =	1,270,000		
10. Miscellaneous Contracts				1	Per Project	x	15,000 =	15,000		
11. Appraisal Fee Review				0	Parcels	x	5,000 =	0		
12.						TOTAL PHASE 4B	\$2,610,500			
R/W LAND COSTS (PHASE 43)										
13. Land, Improvements & Severance Damages						Amount	Subtotal			
and Cost to Cure Amount	51,789,861	x	120% * Design plan stage	=	62,147,800					
14. Water Retention & Mit. (0 Ponds)	0	x	120% (0 Parcels w/o R/W Acq)	=	0					
15. SUBTOTAL (1,146,432 SF)	(Lines 13 & 14)					62,147,800				
16. Admin. Settlements (Factor	20%	x	60% of Line 15)	=	7,457,700					
17. Litigation Awards (Factor	45%	x	40% of Line 15)	=	11,186,600					
18. Business Damages (Claims	32	x	\$0)	=	7,621,800					
19. Bus. Damages Incrs. (Factor	25%	x	\$ 7,621,800)	=	1,905,500					
20. Owner Appr. Fees (Parcels	13	x	\$15,000)	=	195,000					
21. Owner CPA Fees (Claims	32	x	\$16,000)	=	512,000					
22. Defend. Atty Fees (Sum of Lines 16, 17 & 19)	20,549,800	x	33%)	=	6,781,400					
23. Owner Expert Witnes (Comm.+Unimp.)	11	+	2) x 18,000	=	234,000					
24. Other Condemn. Costs	13	x	\$1,000	=	13,000					
25. SUBTOTAL Plus \$70,106,526 for Pcl 106,111,112,113,115 & 121 adv acq.	(Lines 16 thru 24)					106,013,526				
26.						TOTAL PHASE 43	\$168,161,300			
* Design contingency for design plan stage:										
(1) PD&E plans - 120% (2) 30% plans - 115% (3) 60% plans - 110% (4) 90% plans -105% (5) 268 Date -100%										
R/W ACQUISITION CONSULTANT (PHASE 42)										
27. Acquisition Consultant-50% of parcels	\$20,000	x	0	TOTAL PHASE 42						\$0
RELOCATION COSTS (PHASE 45)										
Replacement Housing										
28. Owner	\$35,000	x	0	=	0					
29. Tenant	\$25,000	x	0	=	0					
Move Costs										
30. Residential	\$5,000	x	0	=	0					
31. Business/Farm	\$40,000	x	34	=	1,360,000					
32. Personal Property	\$3,000	x	0	=	0					
33. (Lines 28 thru 32 plus \$1,625,173 relo for Parcels 106, 111, 112, 113, 115 & 121)						TOTAL PHASE 45	\$2,985,173			
34. Relocation Services Cost	\$298,517 (Not in Phase Total)									
35.										
36.										
37.	(All Phases)					TOTAL ESTIMATE	\$174,016,973			
Real Estate:	Roger D. Patton	Signed:				Date:	02/15/19			
Bus. Dam. :	Alfred J. Thompson	Signed:				Date:	02/15/19			
Relocation:	Roger D. Patton	Signed:				Date:	02/15/19			
Overall Review:	Alfred J. Thompson	Signed:				Date:	02/15/19			
Cost Estimate Sequence #:	Dated:	In the Amount of \$			Data Input Completion Date:					
REMARKS:	This estimate totals \$174,016,973 and represents only those parcels south of Cypress Street									
Parcels 111, 112 ,113, 115 & 121 (with the exception of the ODA) were recently acquired and have been separated and excluded from litigation factoring (Phase 43).										
The unit cost for land and improvements are reflective of values established in recent appraisals and/or agreements as part of advanced acquisition efforts currently underway for this project and recent sales of some of the subject properties.										
The following indicates the estimator's confidence in the above estimate:										
Type A - indicates the most confidence										
Type B - indicates above average confidence										
x Type C - Indicates below average confidence										
Type D - Indicates the least or no confidence										
The following indicates the Department's purpose for this estimate:										
Work Program Update:	Gaming 1:			Special Purpose:	x	Docs to RW:				
Comments:										

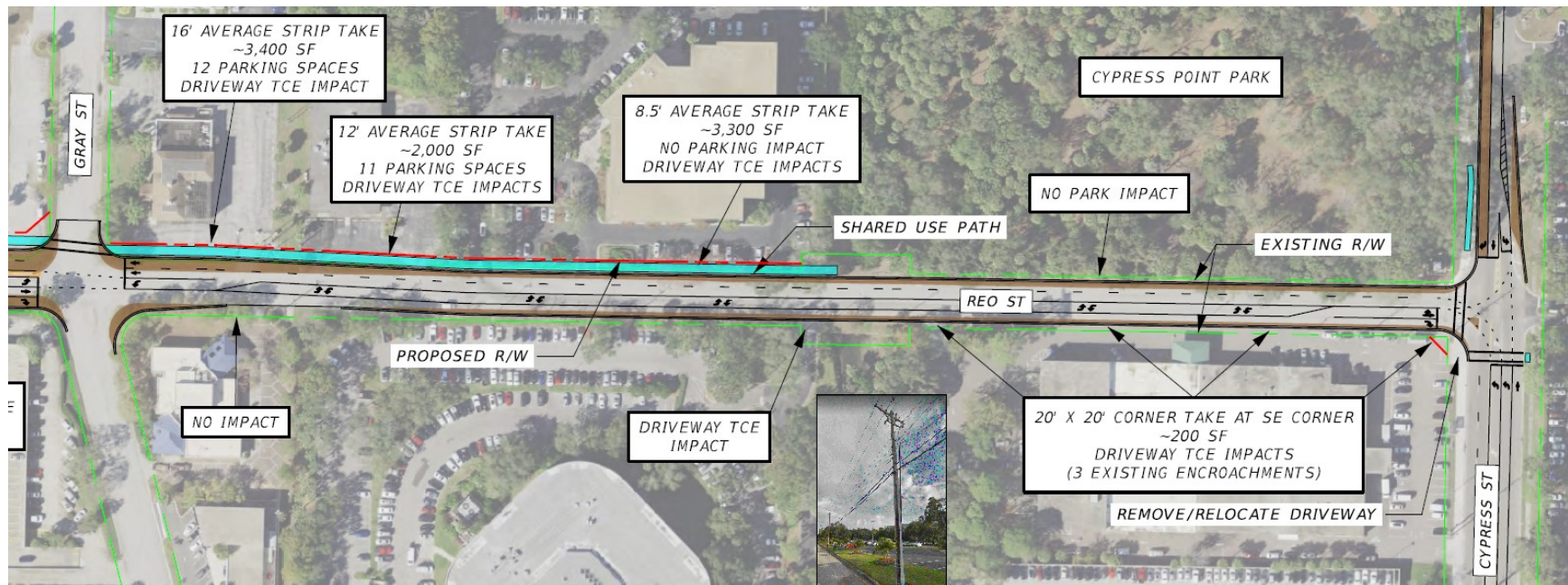
Date: May 20, 2020

Name of Document: Right of Way Cost Estimate – 02/15/2019

Project: Tampa Interstate Study – Segment 1A
Supplemental Environmental Impact Study
Preliminary Engineering Report

Location: Hillsborough County, Florida

The right of way cost estimate dated 02/15/2019 does not include costs for the four parcels adjacent to Reo Street that will be acquired by the City of Tampa. The parcels are described in the graphic below.



APPENDIX H

**Long Range
Estimating System
Cost Estimates –
Preferred Alternative**

TIS SEIS SEGMENT COST ESTIMATES SUMMARY

Segment 1A - I-275 From S. of SR 60 to S. of Lincoln Avenue and SR 60 From S. of I-275 to Cypress Street

Segment 2A - I-275 From Lincoln Avenue to Rome Avenue

Construction	Cost
Segment 1A	\$827,034,996.39
Segment 2A	\$69,425,527.37
Total	\$896,460,523.76

Design	Cost
Segment 1A	\$57,882,264.36
Segment 2A	\$4,856,471.48
Total	\$62,738,735.84

Construction Engineering & Inspection	Cost
Segment 1A	\$61,944,208.25
Segment 2A	\$5,199,739.92
Total	\$67,143,948.17

TAMPA BAY NEXT - SECTION 4 LRE SUMMARY

FPID 433535-7-52-01

I-275 From S. of SR 60 to S. of Lois Avenue & SR 60 From S. of I-275 to SR 589

LRE Sequence	Segment 1A (I-275 from S. of SR 60 to Lois Avenue; SR 60 from S. of I-275 to Cypress Street)	Northwest Expressway (SR 60 from Cypress Street to SR 589)
1	\$10,507,156.26	
2	\$811,242.35	
3	\$8,311,909.41	
4	\$2,794,768.07	
5	\$3,150,679.08	
6	\$3,011,263.29	
7	\$18,670,485.25	
8	\$2,287,576.24	
9	\$3,747,295.19	
10	\$1,458,815.70	
11	\$3,248,977.41	
12	\$1,202,015.57	
13	\$1,716,025.41	
14	\$2,216,879.76	
15	\$3,116,449.24	
16		\$266,657.53
17	\$7,233,317.04	
18	\$10,570,194.41	
19	\$3,474,216.59	
20	\$2,850,415.34	
21	\$230,519.76	
22	\$4,367,309.48	
23	\$5,607,686.56	
24	\$3,164,226.08	
25	\$1,692,763.28	
26	\$3,881,157.18	
27	\$6,669,071.88	
28	\$1,805,320.39	
29	\$1,328,317.66	
30	\$1,704,274.59	
31	\$6,197,874.80	
32	\$1,516,783.47	
33	\$4,601,500.74	
34	\$2,909,701.26	
35	\$1,557,643.58	
36	\$923,994.66	
37	\$816,241.67	
38		\$2,325,787.84

TAMPA BAY NEXT - SECTION 4 LRE SUMMARY

FPID 433535-7-52-01

I-275 From S. of SR 60 to S. of Lois Avenue & SR 60 From S. of I-275 to SR 589

LRE Sequence	Segment 1A (I-275 from S. of SR 60 to Lois Avenue; SR 60 from S. of I-275 to Cypress Street)	Northwest Expressway (SR 60 from Cypress Street to SR 589)
39	\$443,490.53	\$1,773,962.11
40	\$440,174.61	\$440,174.61
41	\$739,424.14	\$739,424.14
42		\$1,512,052.90
43		\$597,738.65
44		\$618,969.98
45		\$2,094,719.14
46		\$111,717.48
47		\$41,721.24
48		\$55,600.52
49		\$461,691.31
50		\$587,059.82
53		\$2,475,820.20
57		\$2,007,219.61
59		\$3,469,849.56
60		\$1,186,294.19
61		\$2,956,136.89
62		\$716,813.90
63	\$714,329.46	\$1,071,494.19
64	\$1,584,274.91	
65		\$1,225,881.51
66		\$2,693,678.60
67	\$2,887,795.14	
69		\$2,069,900.78
70		\$1,579,369.42
71	\$1,088,632.37	\$272,158.09
72	\$683,643.10	
73	\$3,097,510.10	
74	\$122,413.10	
75	\$641,578.05	
76	\$2,044,486.43	
77	\$692,216.88	
78	\$515,883.38	
79	\$7,106,609.55	\$3,045,689.81
80	\$582,054.84	
81	\$12,932,895.50	\$5,542,669.50
82	\$1,990,605.29	
83	\$4,479,500.00	

TAMPA BAY NEXT - SECTION 4 LRE SUMMARY

FPID 433535-7-52-01

I-275 From S. of SR 60 to S. of Lois Avenue & SR 60 From S. of I-275 to SR 589

LRE Sequence	Segment 1A (I-275 from S. of SR 60 to Lois Avenue; SR 60 from S. of I-275 to Cypress Street)	Northwest Expressway (SR 60 from Cypress Street to SR 589)
84	\$761,850.00	
85	\$288,810,120.69	\$32,090,013.41
86	\$73,813.12	
87	\$1,362,287.55	
89	\$3,547,799.85	
90	\$3,851,462.26	
92	\$1,319,452.51	
93	\$9,960,296.44	\$4,268,698.48
94	\$503,425.06	
97		\$2,327,244.43
98		\$302,179.06
100		\$1,111,187.80
101		\$125,270.27
104		\$1,442,273.73
105		\$71,211.40
108	\$4,647,661.74	
109	\$604,272.44	
110	\$239,580.27	
111	\$957,710.63	
112		\$1,651,855.38
113		\$1,137,096.71
114	\$84,853.65	
115	\$13,718,536.35	
116	\$12,118,923.03	
117	\$4,220,554.89	
118		\$1,290,612.98
119		\$3,973,101.83
120		\$1,364,967.63
121	\$369,543.09	
122	\$467,576.53	
123	\$31,556,351.88	
124		\$236,590.95
125		\$863,444.17
127		\$1,609,735.34
128		\$187,721.94
129		\$122,686.60
130		\$213,133.26
131		\$180,353.72

TAMPA BAY NEXT - SECTION 4 LRE SUMMARY

FPID 433535-7-52-01

I-275 From S. of SR 60 to S. of Lois Avenue & SR 60 From S. of I-275 to SR 589

LRE Sequence	Segment 1A (I-275 from S. of SR 60 to Lois Avenue; SR 60 from S. of I-275 to Cypress Street)	Northwest Expressway (SR 60 from Cypress Street to SR 589)
133		\$2,799,577.26
134	\$379,271.00	
135	\$121,758.37	
136		\$29,431.42
137		\$77,045.43
138		\$95,383.67
139		\$112,163.44
140		\$309,668.71
141		\$187,690.26
142		\$334,939.43
143		\$25,848.43
144		\$309,374.18
145		\$73,947.28
Sub-Total	\$561,818,687.37	\$100,864,702.11
MOT	\$56,181,868.74	\$10,086,470.21
MOB	\$49,440,044.49	\$8,876,093.79
PU	\$100,116,090.09	\$17,974,089.92
D-B	\$53,728,968.35	\$9,646,094.92
I.C.A	\$105,000.00	\$45,000.00
Total	\$821,390,659.03	\$147,492,450.94

Date: 4/1/2020 10:59:33 AM

FDOT Long Range Estimating System - Production

R4: Project Details Composite Report By Component

Project: 433535-7-52-01

Letting Date: 07/2023

Description: I-275/SR 93 FM S OF SR 60 TO S OF LOIS, SR 60 FM S OF I-275 TO SR 589

District: 07 County: 10 HILLSBOROUGH

Project Manager: PRD-MLG

Version 26

Project Grand
Total

\$968,883,109.98

Description: 2020 WPUC, Created by Garry Fischbach / AECOM, Checked by Dave Panigrahi / Lochner

EARTHWORK COMPONENT

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
110-1-1	CLEARING & GRUBBING	245.71 AC	\$13,000.00	\$3,194,230.00
120-1	REGULAR EXCAVATION	145,844.91 CY	\$9.00	\$1,312,604.19
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	770.01 CY	\$22.00	\$16,940.22
120-6	EMBANKMENT	2,396,304.12 CY	\$17.00	\$40,737,170.04
Earthwork Component Total				\$45,260,944.45

ROADWAY COMPONENT

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
160-4	TYPE B STABILIZATION	897,698.82 SY	\$5.00	\$4,488,494.10
285-701	OPTIONAL BASE,BASE GROUP 01	12,438.98 SY	\$15.00	\$186,584.70
285-702	OPTIONAL BASE,BASE GROUP 02	294,557.63 SY	\$22.50	\$6,627,546.75
285-709	OPTIONAL BASE,BASE GROUP 09	82,066.74 SY	\$18.00	\$1,477,201.32
285-712	OPTIONAL BASE,BASE GROUP 12	120,846.79 SY	\$25.00	\$3,021,169.75
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	5,550.51 SY	\$4.00	\$22,202.04
327-70-15	MILLING EXIST ASPH PAVT, 2 3/4" AVG DEPTH	144,798.48 SY	\$3.27	\$473,491.02
327-70-19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	4,868.16 SY	\$3.25	\$15,821.52
334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	1,026.21 TN	\$122.37	\$125,577.31
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	38,549.15 TN	\$98.00	\$3,777,816.70
334-1-54	SUPERPAVE ASPH CONC, TRAF D, PG76-22	31,870.14 TN	\$115.00	\$3,665,066.10
337-7-25	ASPH CONC FC, INC BIT, FC-5, PG76- 22	12,120.98 TN	\$135.00	\$1,636,332.30

337-7-85	ASPH CONC FC,TRAFFIC D,FC-12.5,PG 76-22	4,232.91 TN	\$115.00	\$486,784.65
350-3-12	PLAIN CEMENT CONC PAVT, 11.5"	36,507.45 SY	\$92.00	\$3,358,685.40
350-3-17	PLAIN CEMENT CONC PAVT, 14"	251,894.77 SY	\$97.00	\$24,433,792.69
515-2-213	PED/BICYCLE RAILING,STL, 42" TYPE 3	7,445.00 LF	\$169.00	\$1,258,205.00
515-4-2	BULLET RAIL, DOUBLE RAIL	7,445.00 LF	\$42.00	\$312,690.00
521-1-11	MEDIAN CONC BARRIER, 38" HEIGHT	5,690.00 LF	\$150.00	\$853,500.00
521-1-13	MEDIAN CONC BARRIER, TALL GRADE SEP	900.00 LF	\$317.00	\$285,300.00
521-6-11	CONC PARAPET, PED/BIKE, 27"	7,445.00 LF	\$66.00	\$491,370.00
521-72-27	SHLDR CONC BAR WALL, 14' NOISE WALL	1,550.00 LF	\$527.00	\$816,850.00
521-72-40	SHLDR CONC BARRIER,38" OR 44" HEIGHT	134,033.00 LF	\$216.00	\$28,951,128.00
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	525.00 LF	\$20.63	\$10,830.75
536-85-24	GUARDRAIL END TREATMENT-PARA APP TERM	1.00 EA	\$2,970.00	\$2,970.00
550-10-354	FENCING, TYPE R, 8.1-10', W/PARTIAL ENCL	7,445.00 LF	\$100.00	\$744,500.00
646-2-135	ALUMINUM POLE- INDEX 17900, F&I, 35'	4.00 EA	\$4,266.00	\$17,064.00
706-1-1	RAISED PAVMT MARK, TYPE B W/O FINAL SURF	8,023.00 EA	\$5.82	\$46,693.86
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	124.88 GM	\$1,064.00	\$132,872.32
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	34.93 GM	\$442.00	\$15,439.06
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	47.40 GM	\$4,328.00	\$205,147.20
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	14.88 GM	\$1,554.00	\$23,123.52
713-103-131	PERMANENT TAPE, WHITE,SKIP/D,6" FOR CONC	10.41 GM	\$8,430.00	\$87,756.30

EX-Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
550-10-804	OMEGA FENCING	25,395.00 LF	\$30.00	\$761,850.00

Roadway Component Total

\$88,813,856.36

SHOULDER COMPONENT**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
104-10-3	SEDIMENT BARRIER	513,532.07 LF	\$1.37	\$703,538.97
104-11	FLOATING TURBIDITY BARRIER	9,277.14 LF	\$9.79	\$90,823.23
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	9,277.14 LF	\$4.06	\$37,665.18
104-15	SOIL TRACKING PREVENTION DEVICE	109.00 EA	\$2,917.00	\$317,953.00
104-18	INLET PROTECTION SYSTEM	269.00 EA	\$113.29	\$30,475.01
107-1	LITTER REMOVAL	752.92 AC	\$40.27	\$30,320.08

107-2	MOWING	774.61 AC	\$58.12	\$45,020.37
285-707	OPTIONAL BASE,BASE GROUP 07	325,998.51 SY	\$18.00	\$5,867,973.18
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	48,362.10 SY	\$3.96	\$191,513.90
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	54,256.03 TN	\$98.00	\$5,317,090.94
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	498.91 TN	\$135.00	\$67,352.85
520-1-10	CONCRETE CURB & GUTTER, TYPE F	18,759.83 LF	\$24.58	\$461,116.61
521-8-7	CONC BARRIER, W/JUNCT SL, 36 SS	48,149.00 LF	\$265.00	\$12,759,485.00
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	18,361.36 SY	\$46.00	\$844,622.56
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	62.12 GM	\$1,355.00	\$84,172.60
570-1-1	PERFORMANCE TURF	6,878.20 SY	\$2.10	\$14,444.22

EX-Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
550-10-804	OMEGA FENCING	290.00 LF	\$30.00	\$8,700.00
Shoulder Component Total				\$26,872,267.70

MEDIAN COMPONENT**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	10,313.95 LF	\$26.00	\$268,162.70
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	2,450.00 LF	\$47.20	\$115,640.00
570-1-1	PERFORMANCE TURF	21,156.12 SY	\$2.10	\$44,427.86
Median Component Total				\$428,230.56

DRAINAGE COMPONENT**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
110-1-1	CLEARING & GRUBBING	15.00 AC	\$13,000.00	\$195,000.00
120-1	REGULAR EXCAVATION	145,200.00 CY	\$9.00	\$1,306,800.00
400-2-2	CONC CLASS II, ENDWALLS	737.68 CY	\$1,347.35	\$993,913.17
400-4-1	CONC CLASS IV, CULVERTS	6,108.00 CY	\$1,100.00	\$6,718,800.00
415-1-1	REINF STEEL- ROADWAY	1,190,988.00 LB	\$0.76	\$905,150.88
425-1-351	INLETS, CURB, TYPE P-5, <10'	77.00 EA	\$5,211.58	\$401,291.66
425-1-451	INLETS, CURB, TYPE J-5, <10'	27.00 EA	\$8,211.06	\$221,698.62
425-1-521	INLETS, DT BOT, TYPE C, <10'	22.00 EA	\$3,482.18	\$76,607.96
425-1-541	INLETS, DT BOT, TYPE D, <10'	2.00 EA	\$3,985.89	\$7,971.78
425-1-551	INLETS, DT BOT, TYPE E, <10'	162.00 EA	\$5,524.00	\$894,888.00
425-1-891	INLETS, BARRIER WALL, <=10'	485.00 EA	\$6,457.00	\$3,131,645.00
425-2-41	MANHOLES, P-7, <10'	18.00 EA	\$5,347.00	\$96,246.00
425-2-71	MANHOLES, J-7, <10'	3.00 EA	\$6,664.77	\$19,994.31
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	29,424.00 LF	\$85.17	\$2,506,042.08

430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	14,064.00 LF	\$92.51	\$1,301,060.64
430-175-130	PIPE CULV, OPT MATL, ROUND, 30"S/CD	121,200.00 LF	\$126.60	\$15,343,920.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	9,352.00 LF	\$140.30	\$1,312,085.60
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	104.00 LF	\$157.60	\$16,390.40
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	9,776.00 LF	\$183.79	\$1,796,731.04
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	600.00 LF	\$378.86	\$227,316.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	1,498.00 EA	\$1,611.00	\$2,413,278.00
446-1-1	EDGEDRAIN DRAINCRETE, STANDARD	84,739.00 LF	\$31.85	\$2,698,937.15
446-71-1	EDGEDRAIN OUTLET PIPE, 4"	11,200.00 LF	\$30.00	\$336,000.00
524-1-1	CONCRETE DITCH PAVT, NR, 3"	44,658.60 SY	\$57.00	\$2,545,540.20
570-1-1	PERFORMANCE TURF	98,797.50 SY	\$2.10	\$207,474.78
Drainage Component Total				\$45,674,783.27

SIGNING COMPONENT
Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	181.00 AS	\$342.00	\$61,902.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	887.00 AS	\$1,288.00	\$1,142,456.00
700-1-13	SINGLE POST SIGN, F&I GM, 21-30 SF	2.00 AS	\$1,708.00	\$3,416.00
700-1-14	SINGLE POST SIGN, F&I GM, 31+ SF	1.00 AS	\$2,172.00	\$2,172.00
700-1-50	SINGLE POST SIGN, RELOCATE	14.00 AS	\$235.00	\$3,290.00
700-1-60	SINGLE POST SIGN, REMOVE	100.00 AS	\$26.39	\$2,639.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	117.00 AS	\$4,159.00	\$486,603.00
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	176.00 AS	\$6,161.00	\$1,084,336.00
700-2-16	MULTI- POST SIGN, F&I GM, 101-200 SF	8.00 AS	\$9,399.00	\$75,192.00
700-2-60	MULTI- POST SIGN, REMOVE	20.00 AS	\$636.00	\$12,720.00
700-3-201	SIGN PANEL, F&I OM, UP TO 12 SF	18.00 EA	\$576.00	\$10,368.00
700-3-203	SIGN PANEL, F&I OM, 21-30 SF	28.00 EA	\$1,219.00	\$34,132.00
700-3-205	SIGN PANEL, F&I OM, 51-100 SF	34.00 EA	\$3,601.00	\$122,434.00
700-3-206	SIGN PANEL, F&I OM, 101-200 SF	24.00 EA	\$4,333.00	\$103,992.00
700-3-207	SIGN PANEL, F&I OM, 201-300 SF	40.00 EA	\$6,685.00	\$267,400.00
700-3-208	SIGN PANEL, F&I OM, 301-400 SF	32.00 EA	\$9,745.00	\$311,840.00
700-3-209	SIGN PANEL, F&I OM, 401-500 SF	3.00 EA	\$15,300.00	\$45,900.00
700-3-210	SIGN PANEL, F&I OM, 501-600 SF	11.00 EA	\$19,368.00	\$213,048.00
700-3-211	SIGN PANEL, F&I OM, 601 SF AND GREATER	16.00 EA	\$22,600.00	\$361,600.00
700-4-132	OH STATIC SIGN STR, F&I, M 21-30 FT	8.00 EA	\$40,800.00	\$326,400.00
700-4-133	OH STATIC SIGN STR, F&I, M 31-40 FT	16.00 EA	\$54,400.00	\$870,400.00

700-4-134	OH STATIC SIGN STR, F&I, M 41-50 FT	18.00 EA	\$105,000.00	\$1,890,000.00
700-4-135	OH STATIC SIGN STR, F&I, M SP 51-100 FT	22.00 EA	\$136,000.00	\$2,992,000.00
700-4-136	OH STATIC SGN STR, F&I, M SP 101-150 FT	7.00 EA	\$204,000.00	\$1,428,000.00
700-4-137	OH STATIC SGN STR, F&I, M SP 151-200 FT	1.00 EA	\$300,475.92	\$300,475.92
700-4-140	OH STATIC SIGN STR, F&I, O BR MOUNT	1.00 EA	\$11,252.00	\$11,252.00
700-4-633	OH STATIC SIGN STR, REMOVE MONOTUBE	5.00 EA	\$5,338.00	\$26,690.00
700-4-635	OH STATIC SIGN STR, REMOVE MONOTUBE	19.00 EA	\$10,500.00	\$199,500.00
700-7-132	EMBED DYNAMIC MESS SIGN, F&I, FULL, 12-20	31.00 EA	\$31,050.00	\$962,550.00
700-8-135	FRONT ACC DYN MESS SIGN, F&I, FULL, 51-100	19.00 EA	\$75,000.00	\$1,425,000.00
700-8-136	FRONT ACC DYN MESS SIGN, F&I, FULL, 101-	2.00 EA	\$105,616.00	\$211,232.00
700-9-137	WALK-IN DYN MESS SIGN, F&I, FULL, 201-	4.00 EA	\$126,800.00	\$507,200.00
700-9-600	WALK-IN DYN MESS SIGN, REMOVE	1.00 EA	\$1,680.00	\$1,680.00
700-10-115	DMS SUPPORT STRUCTURE, SPAN, 51-100 FT	2.00 EA	\$132,960.00	\$265,920.00
700-10-116	DMS SUPPORT STRUCTURE, SPAN, 101-150 FT	1.00 EA	\$218,000.00	\$218,000.00
700-10-123	DMS SUPPORT STRUCTURE, CANT, 31-40 FT	4.00 EA	\$70,923.00	\$283,692.00
Signing Component Total			\$16,265,431.92	

LIGHTING COMPONENT

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
630-2-11	CONDUIT, F&I, OPEN TRENCH	276,172.09 LF	\$8.43	\$2,328,130.71
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	3,555.69 LF	\$20.45	\$72,713.88
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24"	1,411.00 EA	\$709.00	\$1,000,399.00
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	840,085.87 LF	\$2.20	\$1,848,188.93
715-4-13	LIGHT POLE COMPLETE, F&I- STD, 40'	125.00 EA	\$5,800.00	\$725,000.00
715-4-14	LIGHT POLE COMPLETE, F&I- STD, 45'	1,286.00 EA	\$6,413.00	\$8,247,118.00
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	1,411.00 EA	\$556.00	\$784,516.00
Lighting Component Total			\$15,006,066.52	

SIGNALIZATIONS COMPONENT

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
630-2-11	CONDUIT, F&I, OPEN TRENCH	6,050.00 LF	\$8.43	\$51,001.50

630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,950.00 LF	\$20.45	\$39,877.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	8.00 PI	\$5,034.00	\$40,272.00
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24"	128.00 EA	\$709.00	\$90,752.00
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	8.00 AS	\$2,684.00	\$21,472.00
639-2-1	ELECTRICAL SERVICE WIRE, F&I	480.00 LF	\$6.00	\$2,880.00
639-6-1	ELECTRICAL POWER SERVICE- TRANSF, F&I	48.00 EA	\$1,500.00	\$72,000.00
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00 EA	\$1,268.00	\$2,536.00
641-2-12	PREST CNC POLE,F&I,TYP P-II SRV POLE	48.00 EA	\$1,468.00	\$70,464.00
641-2-13	PREST CNC POLE,F&I,TYP P-III	24.00 EA	\$4,174.00	\$100,176.00
649-2-150	STEEL CCTV POLE, F&I W/ LOW, 50'	36.00 EA	\$21,108.00	\$759,888.00
649-21-7	STEEL MAST ARM ASSEMBLY, F&I, 50'- 30'	12.00 EA	\$62,300.00	\$747,600.00
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	12.00 EA	\$46,890.00	\$562,680.00
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	8.00 EA	\$58,711.00	\$469,688.00
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	100.00 AS	\$946.00	\$94,600.00
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	64.00 AS	\$634.00	\$40,576.00
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	100.00 EA	\$468.00	\$46,800.00
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	100.00 AS	\$944.00	\$94,400.00
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	64.00 EA	\$261.00	\$16,704.00
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	8.00 AS	\$33,949.00	\$271,592.00
684-5-1	MEDIA CONVERTER, FURNISH & INSTALL	24.00 EA	\$1,032.45	\$24,778.80
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	32.00 EA	\$194.00	\$6,208.00
Signalizations Component Total				\$3,626,945.80

INTELLIGENT TRAFFIC SYSTEM (ITS) COMPONENT

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	43,182.00 LF	\$8.43	\$364,024.26
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	20,059.00 LF	\$20.45	\$410,206.55
630-2-14	CONDUIT, F& I, ABOVEGROUND	1,344.00 LF	\$23.18	\$31,153.92
633-1-121	FIBER OPTIC CABLE, F&I, UG,2-12	13,424.00 LF	\$2.87	\$38,526.88
633-1-124	FIBER OPTIC CABLE, F&I, UG,97-144	95,259.00 LF	\$3.56	\$339,122.04
633-2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	704.00 EA	\$42.60	\$29,990.40
633-2-32	FIBER OPTIC CONNECTION, INSTALL, TERM	864.00 EA	\$84.48	\$72,990.72
633-3-11	FIBER OPTIC CONN HDWR, SPLICE ENCLOSURE	47.00 EA	\$890.00	\$41,830.00
633-3-14	FIBER OPTIC CONN HDWR, BUFFER TUBE FAN O	44.00 EA	\$97.87	\$4,306.28

BRIDGES COMPONENT

Pay Items

Bridge No. 4 Type=OPB Length=203 FT Width=63 FT

Bridge Basic Cost based on Factored Cost \$140.40 SF			\$1,795,575.60
Bridge Final Cost Per SF \$148.47			
Bridge No. 5 Type=OPB	Length=276 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF			\$2,441,275.20
Bridge Final Cost Per SF \$146.33			
Bridge No. 6 Type=OPB	Length=249 FT	Width=49 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF			\$1,713,020.40
Bridge Final Cost Per SF \$146.98			
Bridge No. 7 Type=OPB	Length=219 FT	Width=51 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF			\$1,568,127.60
Bridge Final Cost Per SF \$147.88			
Bridge No. 8 Type=OPB	Length=2569 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$170.40 SF			\$27,578,728.80
Bridge Final Cost Per SF \$171.04			
Bridge No. 10 Type=OPB	Length=196 FT	Width=87 FT	
Bridge Basic Cost based on Factored Cost \$144.00 SF			\$2,455,488.00
Bridge Final Cost Per SF \$152.36			
Bridge No. 11 Type=OPB	Length=600 FT	Width=148 FT	
Bridge Basic Cost based on Factored Cost \$156.00 SF			\$13,852,800.00
Bridge Final Cost Per SF \$164.36			
Bridge No. 12 Type=OPB	Length=109 FT	Width=172 FT	
Bridge Basic Cost based on Factored Cost \$144.00 SF			\$2,699,712.00
Bridge Final Cost Per SF \$159.02			
Bridge No. 14 Type=OPB	Length=107 FT	Width=117 FT	
Bridge Basic Cost based on Factored Cost \$144.00 SF			\$1,802,736.00
Bridge Final Cost Per SF \$159.31			
Bridge No. 15 Type=OPB	Length=1070 FT	Width=143 FT	
Bridge Basic Cost based on Factored Cost \$156.00 SF			\$23,869,560.00
Bridge Final Cost Per SF \$159.62			
Bridge No. 17 Type=OPB	Length=1915 FT	Width=32 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF			\$15,736,704.00
Bridge Final Cost Per SF \$265.81			
Bridge No. 18 Type=OPB	Length=2496 FT	Width=32 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF			\$20,511,129.60
Bridge Final Cost Per SF \$263.72			
Bridge No. 20 Type=OPB	Length=2061 FT	Width=47 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF			\$24,875,445.60
Bridge Final Cost Per SF \$257.59			

Bridge No. 21	Type=OPB	Length=1590 FT	Width=47 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF				\$19,190,664.00
Bridge Final Cost Per SF \$263.85				
Bridge No. 23	Type=OPB	Length=191 FT	Width=30 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$804,492.00
Bridge Final Cost Per SF \$148.97				
Bridge No. 24	Type=OPB	Length=99 FT	Width=68 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$807,840.00
Bridge Final Cost Per SF \$136.54				
Bridge No. 25	Type=OPB	Length=104 FT	Width=84 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,048,320.00
Bridge Final Cost Per SF \$135.75				
Bridge No. 26	Type=OPB	Length=103 FT	Width=42 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$519,120.00
Bridge Final Cost Per SF \$135.90				
Bridge No. 28	Type=OPB	Length=135 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,020,600.00
Bridge Final Cost Per SF \$132.13				
Bridge No. 29	Type=OPB	Length=117 FT	Width=75 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,053,000.00
Bridge Final Cost Per SF \$134.00				
Bridge No. 27	Type=OPB	Length=803 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$6,070,680.00
Bridge Final Cost Per SF \$122.04				
Bridge No. 9	Type=OPB	Length=203 FT	Width=49 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$1,396,558.80
Bridge Final Cost Per SF \$148.47				
Bridge No. 16	Type=OPB	Length=101 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$763,560.00
Bridge Final Cost Per SF \$136.21				
Bridge No. 30	Type=OPB	Length=117 FT	Width=86 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,207,440.00
Bridge Final Cost Per SF \$134.00				
Bridge No. 31	Type=OPB	Length=129 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$975,240.00
Bridge Final Cost Per SF \$132.70				
Bridge No. 32	Type=OPB	Length=127 FT	Width=48 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$731,520.00
Bridge Final Cost Per SF \$132.90				

4/1/2020

Bridge Type: Overpass Bridge

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
415-1-9	REINF STEEL- APPROACH SLABS	885,498.25 LB	\$1.16	\$1,027,177.97
521-5-22	CONC TRAF RAIL- BRIDGE, 8' NOISE WALL	1,752.00 LF	\$299.30	\$524,373.60

Bridge No. 8 Type=OPB Length=2569 FT Width=63 FT

Bridge Basic Cost based on Factored Cost \$170.40 SF			\$27,578,728.80
Bridge Final Cost Per SF \$171.04			
Bridge No. 10	Type=OPB	Length=196 FT	Width=87 FT
Bridge Basic Cost based on Factored Cost \$144.00 SF			\$2,455,488.00
Bridge Final Cost Per SF \$152.36			
Bridge No. 11	Type=OPB	Length=600 FT	Width=148 FT
Bridge Basic Cost based on Factored Cost \$156.00 SF			\$13,852,800.00
Bridge Final Cost Per SF \$164.36			
Bridge No. 12	Type=OPB	Length=109 FT	Width=172 FT
Bridge Basic Cost based on Factored Cost \$144.00 SF			\$2,699,712.00
Bridge Final Cost Per SF \$159.02			
Bridge No. 14	Type=OPB	Length=107 FT	Width=117 FT
Bridge Basic Cost based on Factored Cost \$144.00 SF			\$1,802,736.00
Bridge Final Cost Per SF \$159.31			
Bridge No. 15	Type=OPB	Length=1070 FT	Width=143 FT
Bridge Basic Cost based on Factored Cost \$156.00 SF			\$23,869,560.00
Bridge Final Cost Per SF \$159.62			
Bridge No. 17	Type=OPB	Length=1915 FT	Width=32 FT
Bridge Basic Cost based on Factored Cost \$256.80 SF			\$15,736,704.00
Bridge Final Cost Per SF \$265.81			
Bridge No. 18	Type=OPB	Length=2496 FT	Width=32 FT
Bridge Basic Cost based on Factored Cost \$256.80 SF			\$20,511,129.60
Bridge Final Cost Per SF \$263.72			
Bridge No. 20	Type=OPB	Length=2061 FT	Width=47 FT
Bridge Basic Cost based on Factored Cost \$256.80 SF			\$24,875,445.60
Bridge Final Cost Per SF \$257.59			
Bridge No. 21	Type=OPB	Length=1590 FT	Width=47 FT
Bridge Basic Cost based on Factored Cost \$256.80 SF			\$19,190,664.00
Bridge Final Cost Per SF \$263.85			
Bridge No. 23	Type=OPB	Length=191 FT	Width=30 FT
Bridge Basic Cost based on Factored Cost \$140.40 SF			\$804,492.00
Bridge Final Cost Per SF \$148.97			
Bridge No. 24	Type=OPB	Length=99 FT	Width=68 FT
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$807,840.00
Bridge Final Cost Per SF \$136.54			
Bridge No. 25	Type=OPB	Length=104 FT	Width=84 FT
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$1,048,320.00
Bridge Final Cost Per SF \$135.75			

Bridge No. 26	Type=OPB	Length=103 FT	Width=42 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$519,120.00
Bridge Final Cost Per SF \$135.90				
Bridge No. 28	Type=OPB	Length=135 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,020,600.00
Bridge Final Cost Per SF \$132.13				
Bridge No. 29	Type=OPB	Length=117 FT	Width=75 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,053,000.00
Bridge Final Cost Per SF \$134.00				
Bridge No. 27	Type=OPB	Length=803 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$6,070,680.00
Bridge Final Cost Per SF \$122.04				
Bridge No. 9	Type=OPB	Length=203 FT	Width=49 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$1,396,558.80
Bridge Final Cost Per SF \$148.47				
Bridge No. 16	Type=OPB	Length=101 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$763,560.00
Bridge Final Cost Per SF \$136.21				
Bridge No. 30	Type=OPB	Length=117 FT	Width=86 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,207,440.00
Bridge Final Cost Per SF \$134.00				
Bridge No. 31	Type=OPB	Length=129 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$975,240.00
Bridge Final Cost Per SF \$132.70				
Bridge No. 32	Type=OPB	Length=127 FT	Width=48 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$731,520.00
Bridge Final Cost Per SF \$132.90				
Bridge No. 45	Type=OPB	Length=107 FT	Width=47 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$603,480.00
Bridge Final Cost Per SF \$135.30				
Bridge No. 15A	Type=OPB	Length=682 FT	Width=47 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$3,846,480.00
Bridge Final Cost Per SF \$144.37				
Bridge No. 10A	Type=OPB	Length=205 FT	Width=75 FT	
Bridge Basic Cost based on Factored Cost \$144.00 SF				\$2,214,000.00
Bridge Final Cost Per SF \$151.99				
Bridge No. 53	Type=OPB	Length=103 FT	Width=36 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$444,960.00
Bridge Final Cost Per SF \$135.90				

Bridge No. 7A Type=OPB**Length=792 FT Width=51 FT**

Bridge Basic Cost based on Factored Cost \$140.40 SF \$5,671,036.80
 Bridge Final Cost Per SF \$142.47

Bridge Type: High Level**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
400-2-10	CONC CLASS II, APPROACH SLABS	937.77 CY	\$533.96	\$500,731.67

Bridge No. 22 Type=HLB**Length=2091 FT Width=47 FT**

Bridge Basic Cost based on Factored Cost \$257.60 SF \$25,316,155.20
 Bridge Final Cost Per SF \$269.07

Bridge No. 35 Type=HLB**Length=638 FT Width=59 FT**

Bridge Basic Cost based on Factored Cost \$140.80 SF \$5,299,993.60
 Bridge Final Cost Per SF \$143.37

Bridge No. 40 Type=HLB**Length=381 FT Width=63 FT**

Bridge Basic Cost based on Factored Cost \$140.80 SF \$3,379,622.40
 Bridge Final Cost Per SF \$145.10

Bridge No. 44 Type=HLB**Length=298 FT Width=51 FT**

Bridge Basic Cost based on Factored Cost \$150.40 SF \$2,285,779.20
 Bridge Final Cost Per SF \$155.90

Bridge No. 19 Type=HLB**Length=3263 FT Width=47 FT**

Bridge Basic Cost based on Factored Cost \$257.60 SF \$39,505,793.60
 Bridge Final Cost Per SF \$262.01

Bridge No. 34 Type=HLB**Length=2621 FT Width=32 FT**

Bridge Basic Cost based on Factored Cost \$230.40 SF \$19,324,108.80
 Bridge Final Cost Per SF \$266.79

Bridge No. 36 Type=HLB**Length=738 FT Width=30 FT**

Bridge Basic Cost based on Factored Cost \$172.80 SF \$3,825,792.00
 Bridge Final Cost Per SF \$175.02

Bridge No. 40A Type=HLB**Length=511 FT Width=63 FT**

Bridge Basic Cost based on Factored Cost \$204.80 SF \$6,593,126.40
 Bridge Final Cost Per SF \$239.07

Bridge No. 46 Type=HLB**Length=929 FT Width=30 FT**

Bridge Basic Cost based on Factored Cost \$161.60 SF \$4,503,792.00
 Bridge Final Cost Per SF \$163.36

Bridge Type: Overpass Bridge**EX-Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
STBENT	STBENT	4.00 LS	\$500,000.00	\$2,000,000.00
Bridge No. 1	Type=OPB	Length=203 FT	Width=80 FT	
	Bridge Basic Cost based on Factored Cost \$140.40 SF			\$2,280,096.00
	Bridge Final Cost Per SF \$148.47			
Bridge No. 2	Type=OPB	Length=203 FT	Width=30 FT	
	Bridge Basic Cost based on Factored Cost \$140.40 SF			\$855,036.00
	Bridge Final Cost Per SF \$148.47			
Bridge No. 3	Type=OPB	Length=203 FT	Width=63 FT	
	Bridge Basic Cost based on Factored Cost \$140.40 SF			\$1,795,575.60
	Bridge Final Cost Per SF \$148.47			
Bridge No. 4	Type=OPB	Length=203 FT	Width=63 FT	
	Bridge Basic Cost based on Factored Cost \$140.40 SF			\$1,795,575.60
	Bridge Final Cost Per SF \$148.47			
Bridge No. 5	Type=OPB	Length=276 FT	Width=63 FT	
	Bridge Basic Cost based on Factored Cost \$140.40 SF			\$2,441,275.20
	Bridge Final Cost Per SF \$146.33			
Bridge No. 6	Type=OPB	Length=249 FT	Width=49 FT	
	Bridge Basic Cost based on Factored Cost \$140.40 SF			\$1,713,020.40
	Bridge Final Cost Per SF \$146.98			
Bridge No. 7	Type=OPB	Length=219 FT	Width=51 FT	
	Bridge Basic Cost based on Factored Cost \$140.40 SF			\$1,568,127.60
	Bridge Final Cost Per SF \$147.88			
Bridge No. 8	Type=OPB	Length=2569 FT	Width=63 FT	
	Bridge Basic Cost based on Factored Cost \$170.40 SF			\$27,578,728.80
	Bridge Final Cost Per SF \$171.04			
Bridge No. 10	Type=OPB	Length=196 FT	Width=87 FT	
	Bridge Basic Cost based on Factored Cost \$144.00 SF			\$2,455,488.00
	Bridge Final Cost Per SF \$152.36			
Bridge No. 11	Type=OPB	Length=600 FT	Width=148 FT	
	Bridge Basic Cost based on Factored Cost \$156.00 SF			\$13,852,800.00
	Bridge Final Cost Per SF \$164.36			
Bridge No. 12	Type=OPB	Length=109 FT	Width=172 FT	
	Bridge Basic Cost based on Factored Cost \$144.00 SF			\$2,699,712.00
	Bridge Final Cost Per SF \$159.02			
Bridge No. 14	Type=OPB	Length=107 FT	Width=117 FT	
	Bridge Basic Cost based on Factored Cost \$144.00 SF			\$1,802,736.00
	Bridge Final Cost Per SF \$159.31			

Bridge No. 15	Type=OPB	Length=1070 FT	Width=143 FT	
Bridge Basic Cost based on Factored Cost \$156.00 SF				\$23,869,560.00
Bridge Final Cost Per SF \$159.62				
Bridge No. 17	Type=OPB	Length=1915 FT	Width=32 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF				\$15,736,704.00
Bridge Final Cost Per SF \$265.81				
Bridge No. 18	Type=OPB	Length=2496 FT	Width=32 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF				\$20,511,129.60
Bridge Final Cost Per SF \$263.72				
Bridge No. 20	Type=OPB	Length=2061 FT	Width=47 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF				\$24,875,445.60
Bridge Final Cost Per SF \$257.59				
Bridge No. 21	Type=OPB	Length=1590 FT	Width=47 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF				\$19,190,664.00
Bridge Final Cost Per SF \$263.85				
Bridge No. 23	Type=OPB	Length=191 FT	Width=30 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$804,492.00
Bridge Final Cost Per SF \$148.97				
Bridge No. 24	Type=OPB	Length=99 FT	Width=68 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$807,840.00
Bridge Final Cost Per SF \$136.54				
Bridge No. 25	Type=OPB	Length=104 FT	Width=84 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,048,320.00
Bridge Final Cost Per SF \$135.75				
Bridge No. 26	Type=OPB	Length=103 FT	Width=42 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$519,120.00
Bridge Final Cost Per SF \$135.90				
Bridge No. 28	Type=OPB	Length=135 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,020,600.00
Bridge Final Cost Per SF \$132.13				
Bridge No. 29	Type=OPB	Length=117 FT	Width=75 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,053,000.00
Bridge Final Cost Per SF \$134.00				
Bridge No. 27	Type=OPB	Length=803 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$6,070,680.00
Bridge Final Cost Per SF \$122.04				
Bridge No. 9	Type=OPB	Length=203 FT	Width=49 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$1,396,558.80

Bridge No. 16	Type=OPB	Length=101 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$763,560.00
Bridge Final Cost Per SF \$136.21				

Bridge No. 30	Type=OPB	Length=117 FT	Width=86 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$1,207,440.00
Bridge Final Cost Per SF \$134.00				

Bridge No. 31	Type=OPB	Length=129 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$975,240.00
Bridge Final Cost Per SF \$132.70				

Bridge No. 32	Type=OPB	Length=127 FT	Width=48 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$731,520.00
Bridge Final Cost Per SF \$132.90				

Bridge No. 45	Type=OPB	Length=107 FT	Width=47 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$603,480.00
Bridge Final Cost Per SF \$135.30				

Bridge No. 15A	Type=OPB	Length=682 FT	Width=47 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$3,846,480.00
Bridge Final Cost Per SF \$144.37				

Bridge No. 10A	Type=OPB	Length=205 FT	Width=75 FT	
Bridge Basic Cost based on Factored Cost \$144.00 SF				\$2,214,000.00
Bridge Final Cost Per SF \$151.99				

Bridge No. 53	Type=OPB	Length=103 FT	Width=36 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF				\$444,960.00
Bridge Final Cost Per SF \$135.90				

Bridge No. 7A	Type=OPB	Length=792 FT	Width=51 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$5,671,036.80
Bridge Final Cost Per SF \$142.47				

EX-Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
CPIER	CPIER	2.00 LS	\$825,000.00	\$1,650,000.00

Bridge No. 22	Type=HLB	Length=2091 FT	Width=47 FT
Bridge Basic Cost based on Factored Cost \$257.60 SF			\$25,316,155.20
Bridge Final Cost Per SF \$269.07			

Bridge No. 35	Type=HLB	Length=638 FT	Width=59 FT
Bridge Basic Cost based on Factored Cost \$140.80 SF			\$5,299,993.60

Bridge No. 40	Type=HLB	Length=381 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$140.80 SF				\$3,379,622.40
Bridge Final Cost Per SF \$145.10				

Bridge No. 44	Type=HLB	Length=298 FT	Width=51 FT	
Bridge Basic Cost based on Factored Cost \$150.40 SF				\$2,285,779.20
Bridge Final Cost Per SF \$155.90				

Bridge No. 19	Type=HLB	Length=3263 FT	Width=47 FT
Bridge Basic Cost based on Factored Cost \$257.60 SF			\$39,505,793.60
Bridge Final Cost Per SF \$262.01			

Bridge No. 34	Type=HLB	Length=2621 FT	Width=32 FT
Bridge Basic Cost based on Factored Cost \$230.40 SF			\$19,324,108.80
Bridge Final Cost Per SF \$266.79			

Bridge No. 36	Type=HLB	Length=738 FT	Width=30 FT	
Bridge Basic Cost based on Factored Cost \$172.80 SF				\$3,825,792.00
Bridge Final Cost Per SF \$175.02				

Bridge No. 40A	Type=HLB	Length=511 FT	Width=63 FT
Bridge Basic Cost based on Factored Cost \$204.80 SF			\$6,593,126.40
Bridge Final Cost Per SF \$239.07			

Bridge No. 46	Type=HLB	Length=929 FT	Width=30 FT	
Bridge Basic Cost based on Factored Cost \$161.60 SF				\$4,503,792.00
Bridge Final Cost Per SF \$163.36				

Bridge Type: Overpass Bridge

EX-Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
CPIER	CPIER	1.00 LS	\$450,000.00	\$450,000.00

Bridge No. 1	Type=OPB	Length=203 FT	Width=80 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$2,280,096.00
Bridge Final Cost Per SF \$148.47				

Bridge No. 2	Type=OPB	Length=203 FT	Width=30 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$855,036.00
Bridge Final Cost Per SF \$148.47				

Bridge No. 3	Type=OPB	Length=203 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$1,795,575.60
Bridge Final Cost Per SF \$148.47				

Bridge No. 4	Type=OPB	Length=203 FT	Width=63 FT
Bridge Basic Cost based on Factored Cost \$140.40 SF			\$1,795,575.60

Bridge Final Cost Per SF \$148.47

Bridge No. 5	Type=OPB	Length=276 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$2,441,275.20
Bridge Final Cost Per SF \$146.33				
Bridge No. 6	Type=OPB	Length=249 FT	Width=49 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$1,713,020.40
Bridge Final Cost Per SF \$146.98				
Bridge No. 7	Type=OPB	Length=219 FT	Width=51 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF				\$1,568,127.60
Bridge Final Cost Per SF \$147.88				
Bridge No. 8	Type=OPB	Length=2569 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$170.40 SF				\$27,578,728.80
Bridge Final Cost Per SF \$171.04				
Bridge No. 10	Type=OPB	Length=196 FT	Width=87 FT	
Bridge Basic Cost based on Factored Cost \$144.00 SF				\$2,455,488.00
Bridge Final Cost Per SF \$152.36				
Bridge No. 11	Type=OPB	Length=600 FT	Width=148 FT	
Bridge Basic Cost based on Factored Cost \$156.00 SF				\$13,852,800.00
Bridge Final Cost Per SF \$164.36				
Bridge No. 12	Type=OPB	Length=109 FT	Width=172 FT	
Bridge Basic Cost based on Factored Cost \$144.00 SF				\$2,699,712.00
Bridge Final Cost Per SF \$159.02				
Bridge No. 14	Type=OPB	Length=107 FT	Width=117 FT	
Bridge Basic Cost based on Factored Cost \$144.00 SF				\$1,802,736.00
Bridge Final Cost Per SF \$159.31				
Bridge No. 15	Type=OPB	Length=1070 FT	Width=143 FT	
Bridge Basic Cost based on Factored Cost \$156.00 SF				\$23,869,560.00
Bridge Final Cost Per SF \$159.62				
Bridge No. 17	Type=OPB	Length=1915 FT	Width=32 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF				\$15,736,704.00
Bridge Final Cost Per SF \$265.81				
Bridge No. 18	Type=OPB	Length=2496 FT	Width=32 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF				\$20,511,129.60
Bridge Final Cost Per SF \$263.72				
Bridge No. 20	Type=OPB	Length=2061 FT	Width=47 FT	
Bridge Basic Cost based on Factored Cost \$256.80 SF				\$24,875,445.60
Bridge Final Cost Per SF \$257.59				
Bridge No. 21	Type=OPB	Length=1590 FT	Width=47 FT	

Bridge Basic Cost based on Factored Cost \$256.80 SF			\$19,190,664.00
Bridge Final Cost Per SF \$263.85			
Bridge No. 23 Type=OPB	Length=191 FT	Width=30 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF			\$804,492.00
Bridge Final Cost Per SF \$148.97			
Bridge No. 24 Type=OPB	Length=99 FT	Width=68 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$807,840.00
Bridge Final Cost Per SF \$136.54			
Bridge No. 25 Type=OPB	Length=104 FT	Width=84 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$1,048,320.00
Bridge Final Cost Per SF \$135.75			
Bridge No. 26 Type=OPB	Length=103 FT	Width=42 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$519,120.00
Bridge Final Cost Per SF \$135.90			
Bridge No. 28 Type=OPB	Length=135 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$1,020,600.00
Bridge Final Cost Per SF \$132.13			
Bridge No. 29 Type=OPB	Length=117 FT	Width=75 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$1,053,000.00
Bridge Final Cost Per SF \$134.00			
Bridge No. 27 Type=OPB	Length=803 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$6,070,680.00
Bridge Final Cost Per SF \$122.04			
Bridge No. 9 Type=OPB	Length=203 FT	Width=49 FT	
Bridge Basic Cost based on Factored Cost \$140.40 SF			\$1,396,558.80
Bridge Final Cost Per SF \$148.47			
Bridge No. 16 Type=OPB	Length=101 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$763,560.00
Bridge Final Cost Per SF \$136.21			
Bridge No. 30 Type=OPB	Length=117 FT	Width=86 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$1,207,440.00
Bridge Final Cost Per SF \$134.00			
Bridge No. 31 Type=OPB	Length=129 FT	Width=63 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$975,240.00
Bridge Final Cost Per SF \$132.70			
Bridge No. 32 Type=OPB	Length=127 FT	Width=48 FT	
Bridge Basic Cost based on Factored Cost \$120.00 SF			\$731,520.00
Bridge Final Cost Per SF \$132.90			

Bridge Type: High Level

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
STBENT	STBENT	2.00 LS	\$2,000,000.00	\$4,000,000.00

4/1/2020

RETAINING WALLS COMPONENT

ARCHITECTURAL COMPONENT

MISCELLANEOUS COMPONENT

4/1/2020

Date: 4/1/2020 10:59:34 AM

FDOT Long Range Estimating System - Production

R4: Project Details Composite Report

By Component

Project: 433535-7-52-01**Letting Date:** 07/2023**Description:** I-275/SR 93 FM S OF SR 60 TO S OF LOIS, SR 60 FM S OF I-275 TO SR 589**District:** 07 **County:** 10 HILLSBOROUGH**Project Manager:** PRD-MLG**Version 26****Project Grand Total****\$968,883,109.98****Description:** 2020 WPUC, Created by Garry Fischbach / AECOM, Checked by Dave Panigrahi / Lochner**Project Sequences Subtotal** **\$662,683,389.48**

102-1	MAINTENANCE OF TRAFFIC	10.00	\$66,268,338.95
101-1	MOBILIZATION	8.00	\$58,316,138.27

Project Sequences Total **\$787,267,866.70**

Project Unknowns	15.00%	\$118,090,180.01
Design/Build	7.00%	\$63,375,063.27

Non-Bid Components:**Pay item Description****Quantity Unit Unit Price Extended Amount**

999-25 INITIAL CONTINGENCY AMOUNT (DO NOT BID) 1.00 LS \$150,000.00 \$150,000.00

Project Non-Bid Subtotal **\$150,000.00****Version 26 Project Grand Total** **\$968,883,109.98**

TAMPA BAY NEXT - SECTION 5 LRE SUMMARY
FPID 434045-2-52-01
I-275 From Lois Avenue to Tampa Street

LRE Sequence	Segment 1A (I-275 from Lois Avenue to Lincoln Avenue)	Segment 2A (I-275 from Lincoln Avenue to Rome Avenue)	Segment 2B (I-275 from Rome Avenue to Tampa Street)
1	\$13,845,257.08	\$999,573.63	
2		\$3,293,913.70	
3		\$2,671,339.60	
4		\$6,629,416.90	
5		\$4,097,776.53	\$1,925,377.82
6			\$2,019,680.43
7			\$3,490,158.65
8	\$11,713,306.58	\$845,655.11	
9		\$14,054,112.95	
10		\$905,746.23	\$1,961,587.54
11			\$1,820,790.87
12			\$1,616,896.90
13		\$4,122,438.20	\$14,487,425.69
14			\$11,538,996.52
15			\$2,626,201.19
16			\$18,692,914.72
17			\$1,398,590.63
18			\$717,627.57
19			\$591,524.75
20	\$3,692,062.80		
21	\$358,155.63		
22	\$386,578.76		
23	\$531,359.63		
24	\$509,729.22		
25	\$386,786.88		
26	\$353,068.39	\$728,117.69	
27			
28			
29			
30	\$3,204,364.09	\$6,294,670.91	
31	\$1,527,507.41	\$3,000,644.18	
32	\$1,427,856.82	\$2,804,889.99	\$3,425,651.33
33	\$169,799.33	\$333,554.77	\$302,012.46
34	\$5,323,240.83		
Sub-Total	\$43,429,073.45	\$50,781,850.39	\$66,615,437.07
MOT	\$4,342,907.35	\$5,078,185.04	\$6,661,543.71
MOB	\$3,821,758.46	\$4,468,802.83	\$5,862,158.46
PU	\$7,739,060.89	\$9,049,325.74	\$11,870,870.89
D-B	\$4,153,296.01	\$4,856,471.48	\$6,370,700.71
I.C.A	\$40,505.56	\$47,363.36	\$62,131.08
Total	\$63,526,601.71	\$74,281,998.85	\$97,442,841.91

Date: 4/2/2020 8:31:09 AM

FDOT Long Range Estimating System - Production

R4: Project Details Composite Report

By Component

Project: 434045-2-52-01

Letting Date: 07/2023

Description: I-275 (SR 93) FROM S OF LOIS AVE TO N OF HILLSBOROUGH RIVER

District: 07 County: 10 HILLSBOROUGH

Project Manager: PRD-MLG

Version 28-P

Project Grand

\$235,251,442.47

Total

Description: Section 5 Option D, 2020 WPUC. Creator: Garry Fischbach / AECOM, Checker: Dave Panigrahi / Lochner

EARTHWORK COMPONENT

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
110-1-1	CLEARING & GRUBBING	70.67 AC	\$15,000.00	\$1,060,050.00
120-1	REGULAR EXCAVATION	17,573.70 CY	\$9.00	\$158,163.30
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	31,607.60 CY	\$22.00	\$695,367.20
120-6	EMBANKMENT	1,224,374.71 CY	\$17.00	\$20,814,370.07
Earthwork Component Total				\$22,727,950.57

ROADWAY COMPONENT

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
107-1	LITTER REMOVAL	14.25 AC	\$40.27	\$573.85
107-2	MOWING	8.55 AC	\$58.12	\$496.93
160-4	TYPE B STABILIZATION	205,640.75 SY	\$5.00	\$1,028,203.75
285-701	OPTIONAL BASE,BASE GROUP 01	12,047.17 SY	\$15.00	\$180,707.55
285-702	OPTIONAL BASE,BASE GROUP 02	124,764.05 SY	\$22.50	\$2,807,191.17
285-707	OPTIONAL BASE,BASE GROUP 07	2,599.52 SY	\$18.00	\$46,791.36
285-709	OPTIONAL BASE,BASE GROUP 09	7,769.00 SY	\$18.00	\$139,842.00
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	9,083.35 SY	\$4.00	\$36,333.40
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	8,279.04 SY	\$3.96	\$32,785.00
327-70-15	MILLING EXIST ASPH PAVT, 2 3/4" AVG DEPTH	7,726.40 SY	\$3.27	\$25,265.33
334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	584.69 TN	\$122.37	\$71,548.51
334-1-12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	546.00 TN	\$102.00	\$55,692.00
334-1-14		3,527.17 TN	\$98.00	\$345,662.66

	SUPERPAVE ASPHALTIC CONC, TRAFFIC D			
334-1-54	SUPERPAVE ASPH CONC, TRAF D, PG76-22	1,301.31 TN	\$115.00	\$149,650.65
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76- 22	870.59 TN	\$135.00	\$117,529.65
337-7-85	ASPH CONC FC,TRAFFIC D,FC- 12.5,PG 76-22	998.90 TN	\$115.00	\$114,873.50
350-3-12	PLAIN CEMENT CONC PAVT, 11.5"	23,374.91 SY	\$92.00	\$2,150,491.72
350-3-17	PLAIN CEMENT CONC PAVT, 14"	98,845.24 SY	\$97.00	\$9,587,988.28
400-0-11	CONC CLASS NS, GRAVITY WALL	336.00 CY	\$600.00	\$201,600.00
446-1-1	EDGEDRAIN DRAINCRETE, STANDARD	38,760.00 LF	\$31.85	\$1,234,506.00
446-71-1	EDGEDRAIN OUTLET PIPE, 4"	5,150.00 LF	\$30.00	\$154,500.00
515-2-211	PED/BICYCLE RAILING,STL, 42" TYPE 1	3,840.00 LF	\$112.00	\$430,080.00
521-6-31	CONC PARAPET, RETAINING WALL SYS, 27"	3,200.00 LF	\$185.00	\$592,000.00
521-72-40	SHLDR CONC BARRIER,38" OR 44" HEIGHT	16,574.00 LF	\$216.00	\$3,579,984.00
550-10-222	FENCING, TYPE B, 5.1-6.0, W/ VINYL COAT	6,900.00 LF	\$19.00	\$131,100.00
550-10-353	FENCING, TYPE R, 8.1-10', W/FULL ENCLOS	1,000.00 LF	\$277.00	\$277,000.00
570-1-2	PERFORMANCE TURF, SOD	6,440.00 SY	\$3.20	\$20,608.00
706-1-1	RAISED PAVMT MARK, TYPE B W/O FINAL SURF	1,625.00 EA	\$3.70	\$6,006.75
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	10.46 GM	\$1,064.00	\$11,129.44
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	5.19 GM	\$442.00	\$2,293.98
710-11-201	PAINTED PAVT MARK,STD,YELLOW,SOLID,6"	0.38 GM	\$1,454.00	\$552.52
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	100.00 LF	\$5.30	\$530.00
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	1.75 GM	\$4,328.00	\$7,574.00
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	1.20 GM	\$1,554.00	\$1,864.80
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	18.27 GM	\$4,143.00	\$75,692.61
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.34 GM	\$1,431.00	\$486.54
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.99 GM	\$1,316.00	\$1,302.84
713-103-101	PERMANENT TAPE, WHITE,SOLID,6" CONC BR	0.25 GM	\$25,839.00	\$6,459.75
713-103-131	PERMANENT TAPE, WHITE,SKIP/D,6" FOR CONC	0.25 GM	\$8,430.00	\$2,107.50
713-103-201	PERMANENT TAPE, YELLOW,SOLID,6" CONC BR	0.25 GM	\$25,889.00	\$6,472.25

EX-Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
550-10-804	FENCING, OMEGA, WIRE WORKS	5,315.00 LF	\$30.00	\$159,450.00

Roadway Component Total

\$23,794,928.29

SHOULDER COMPONENT**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
104-1	ARTIFICIAL COVERINGS / ROLL EROSION CNTL	6,440.00 SY	\$2.20	\$14,168.00
104-10-3	SEDIMENT BARRIER	126,285.61 LF	\$1.37	\$173,011.31
104-11	FLOATING TURBIDITY BARRIER	2,144.29 LF	\$9.79	\$20,992.59
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	2,144.29 LF	\$4.06	\$8,705.83
104-15	SOIL TRACKING PREVENTION DEVICE	28.00 EA	\$2,917.00	\$81,676.00
104-18	INLET PROTECTION SYSTEM	122.00 EA	\$113.29	\$13,821.38
107-1	LITTER REMOVAL	177.34 AC	\$40.27	\$7,141.49
107-2	MOWING	177.34 AC	\$58.12	\$10,307.02
285-707	OPTIONAL BASE,BASE GROUP 07	17,256.05 SY	\$18.00	\$310,608.90
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	2,435.49 TN	\$98.00	\$238,678.02
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76- 22	3.64 TN	\$135.00	\$491.40
520-1-10	CONCRETE CURB & GUTTER, TYPE F	3,560.90 LF	\$24.58	\$87,526.92
521-8-7	CONC BARRIER, W/JUNCT SL, 36 SS	8,176.00 LF	\$265.00	\$2,166,640.00
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,754.02 SY	\$46.00	\$80,684.92
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	1,000.00 SY	\$60.00	\$60,000.00
527-2	DETECTABLE WARNINGS	432.00 SF	\$29.00	\$12,528.00
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	0.46 GM	\$1,355.00	\$623.30
570-1-1	PERFORMANCE TURF	1,981.59 SY	\$2.10	\$4,161.34
Shoulder Component Total				\$3,291,766.42

MEDIAN COMPONENT**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
285-707	OPTIONAL BASE,BASE GROUP 07	37,575.85 SY	\$18.00	\$676,365.30
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	5,876.98 TN	\$98.00	\$575,944.04
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	835.00 LF	\$47.20	\$39,412.00
521-1-13	MEDIAN CONC BARRIER, TALL GRADE SEP	620.00 LF	\$317.00	\$196,540.00
521-8-7	CONC BARRIER, W/JUNCT SL, 36 SS	6,847.00 LF	\$265.00	\$1,814,455.00
570-1-1	PERFORMANCE TURF	3,913.02 SY	\$2.10	\$8,217.35
Median Component Total				\$3,310,933.69

DRAINAGE COMPONENT**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
400-1-2	CONC CLASS I, ENDWALLS	12.00 CY	\$1,362.61	\$16,351.32
400-2-2	CONC CLASS II, ENDWALLS	148.21 CY	\$1,347.35	\$199,690.74
425-1-351	INLETS, CURB, TYPE P-5, <10'	14.00 EA	\$5,211.58	\$72,962.12
425-1-451	INLETS, CURB, TYPE J-5, <10'	5.00 EA	\$8,211.06	\$41,055.30
425-1-521	INLETS, DT BOT, TYPE C, <10'	20.00 EA	\$3,482.18	\$69,643.60
425-1-551	INLETS, DT BOT, TYPE E, <10'	43.00 EA	\$5,524.00	\$237,532.00
425-1-891	INLETS, BARRIER WALL, <=10'	106.00 EA	\$6,457.00	\$684,442.00
425-2-41	MANHOLES, P-7, <10'	1.00 EA	\$5,347.00	\$5,347.00
425-11	DRAINAGE STRUCTURE MODIFY	2.00 EA	\$2,578.00	\$5,156.00
430-174-118	PIPE CULV, OPT MATL, ROUND,18"SD	256.00 LF	\$91.38	\$23,393.28
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	7,176.00 LF	\$85.17	\$611,179.92
430-174-154	PIPE CULV, OPT MATL, ROUND,54"SD	256.00 LF	\$295.50	\$75,648.00
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	32,184.00 LF	\$92.51	\$2,977,341.84
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	2,200.00 LF	\$140.30	\$308,660.00
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	744.00 LF	\$183.79	\$136,739.76
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	323.00 EA	\$1,611.00	\$520,353.00
524-1-1	CONCRETE DITCH PAVT, NR, 3"	12,059.60 SY	\$57.00	\$687,397.20
570-1-1	PERFORMANCE TURF	5,667.41 SY	\$2.10	\$11,901.55
Drainage Component Total				\$6,684,794.63

SIGNING COMPONENT

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	62.00 AS	\$342.00	\$21,204.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	196.00 AS	\$1,288.00	\$252,448.00
700-1-13	SINGLE POST SIGN, F&I GM, 21-30 SF	1.00 AS	\$1,708.00	\$1,708.00
700-1-50	SINGLE POST SIGN, RELOCATE	6.00 AS	\$235.00	\$1,410.00
700-1-60	SINGLE POST SIGN, REMOVE	19.00 AS	\$26.39	\$501.41
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	29.00 AS	\$4,159.00	\$120,611.00
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	44.00 AS	\$6,161.00	\$271,084.00
700-2-16	MULTI- POST SIGN, F&I GM, 101-200 SF	1.00 AS	\$9,399.00	\$9,399.00
700-2-60	MULTI- POST SIGN, REMOVE	6.00 AS	\$636.00	\$3,816.00
700-3-201	SIGN PANEL, F&I OM, UP TO 12 SF	6.00 EA	\$576.00	\$3,456.00
700-3-202	SIGN PANEL, F&I OM, 12-20 SF	3.00 EA	\$953.00	\$2,859.00
700-3-203	SIGN PANEL, F&I OM, 21-30 SF	19.00 EA	\$1,219.00	\$23,161.00
700-3-205	SIGN PANEL, F&I OM, 51-100 SF	9.00 EA	\$3,601.00	\$32,409.00
700-3-206	SIGN PANEL, F&I OM, 101-200 SF	28.00 EA	\$4,333.00	\$121,324.00
700-3-207	SIGN PANEL, F&I OM, 201-300 SF	22.00 EA	\$6,685.00	\$147,070.00
700-3-208	SIGN PANEL, F&I OM, 301-400 SF	10.00 EA	\$9,745.00	\$97,450.00
700-3-209	SIGN PANEL, F&I OM, 401-500 SF	3.00 EA	\$15,300.00	\$45,900.00

700-3-210	SIGN PANEL, F&I OM, 501-600 SF	1.00 EA	\$19,368.00	\$19,368.00
700-3-211	SIGN PANEL, F&I OM, 601 SF AND GREATER	3.00 EA	\$22,600.00	\$67,800.00
700-4-133	OH STATIC SIGN STR, F&I, M 31-40 FT	6.00 EA	\$54,400.00	\$326,400.00
700-4-134	OH STATIC SIGN STR, F&I, M 41-50 FT	6.00 EA	\$105,000.00	\$630,000.00
700-4-135	OH STATIC SIGN STR, F&I, M SP 51-100 FT	5.00 EA	\$136,000.00	\$680,000.00
700-4-136	OH STATIC SGN STR, F&I, M SP 101-150 FT	13.00 EA	\$204,000.00	\$2,652,000.00
700-4-140	OH STATIC SIGN STR, F&I, O BR MOUNT	1.00 EA	\$11,252.00	\$11,252.00
700-4-630	OVERHEAD STATIC SIGN STRUCTURE, REM MONO	7.00 EA	\$9,054.00	\$63,378.00
700-4-635	OH STATIC SIGN STR, REMOVE MONOTUBE	7.00 EA	\$10,500.00	\$73,500.00
700-7-132	EMBED DYNAMIC MESS SIGN, F&I, FULL,12-20	4.00 EA	\$31,050.00	\$124,200.00
700-8-135	FRONT ACC DYN MESS SIGN, F&I, FUL,51-100	2.00 EA	\$75,000.00	\$150,000.00
700-9-137	WALK-IN DYN MESS SIGN,F&I, FULL,201-	5.00 EA	\$126,800.00	\$634,000.00
700-10-116	DMS SUPPORT STRUCTURE, SPAN, 101-150 FT	3.00 EA	\$218,000.00	\$654,000.00
700-10-124	DMS SUPPORT STRUCTURE, CANT, 41-50 FT	2.00 EA	\$74,952.00	\$149,904.00

EX-Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
660-7	WWD DETECTION SYSTEM	5.00 EA	\$50,000.00	\$250,000.00
BEAGAT	BARRIER EMERGENCY ACCESS GATE	2.00 EA	\$225,000.00	\$450,000.00
Signing Component Total				\$8,091,612.41

LIGHTING COMPONENT**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	74,343.86 LF	\$8.43	\$626,718.74
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	2,172.18 LF	\$20.45	\$44,421.07
630-2-15	CONDUIT, F& I, BRIDGE MOUNT	7,488.00 LF	\$27.12	\$203,074.56
630-2-65	CONDUIT, REMOVE, BRIDGE MOUNT	4,200.00 LF	\$6.60	\$27,720.00
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24"	429.00 EA	\$709.00	\$304,161.00
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	238,369.96 LF	\$2.20	\$524,413.90
715-1-60	LIGHTING CONDUCTORS,R&D, CONT OWNS	4,200.00 LF	\$0.43	\$1,806.00
715-4-13	LIGHT POLE COMPLETE, F&I- STD, 40'	78.00 EA	\$5,800.00	\$452,400.00
715-4-14	LIGHT POLE COMPLETE, F&I- STD, 45'	317.00 EA	\$6,413.00	\$2,032,921.00
715-4-21		20.00 EA	\$7,270.00	\$145,400.00

	LIGHT POLE COMPLETE, F&I- STD P, SP, 30'			
715-11-115	LUMINAIRE, F&I, ROADWAY, WALL MOUNT	82.00 EA	\$1,670.00	\$136,940.00
715-11-500	LUMINAIRE, REMOVE	42.00 EA	\$165.00	\$6,930.00
715-21-2	LIGHTING REPAIRS AND RETROFITS, LED RETR	325.00 EA	\$1,190.00	\$386,750.00
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	395.00 EA	\$556.00	\$219,620.00
Lighting Component Total				\$5,113,276.27

SIGNALIZATIONS COMPONENT

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
630-2-11	CONDUIT, F&I, OPEN TRENCH	4,550.00 LF	\$8.43	\$38,356.50
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	1,450.00 LF	\$20.45	\$29,652.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	6.00 PI	\$5,034.00	\$30,204.00
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24"	92.00 EA	\$709.00	\$65,228.00
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	6.00 AS	\$2,684.00	\$16,104.00
639-2-1	ELECTRICAL SERVICE WIRE, F&I	360.00 LF	\$6.00	\$2,160.00
639-6-1	ELECTRICAL POWER SERVICE- TRANSF, F&I	39.00 EA	\$1,500.00	\$58,500.00
641-2-12	PREST CNC POLE,F&I,TYP P-II SRV POLE	39.00 EA	\$1,468.00	\$57,252.00
641-2-13	PREST CNC POLE,F&I,TYP P-III	25.00 EA	\$4,174.00	\$104,350.00
649-2-150	STEEL CCTV POLE, F&I W/ LOW, 50'	6.00 EA	\$21,108.00	\$126,648.00
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	4.00 EA	\$48,000.00	\$192,000.00
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	20.00 EA	\$46,890.00	\$937,800.00
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	68.00 AS	\$946.00	\$64,328.00
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	48.00 AS	\$634.00	\$30,432.00
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	68.00 EA	\$468.00	\$31,824.00
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	68.00 AS	\$944.00	\$64,192.00
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	48.00 EA	\$261.00	\$12,528.00
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	6.00 AS	\$33,949.00	\$203,694.00
682-1-133	ITS CCTV CAMERA, F&I, DOME ENCL- NP.	4.00 EA	\$5,957.00	\$23,828.00
682-1-153	ITS CCTV CAMERA, F&I, STATIONARY, IP, HI	18.00 EA	\$9,585.00	\$172,530.00
684-5-1	MEDIA CONVERTER, FURNISH & INSTALL	14.00 EA	\$1,032.45	\$14,454.30
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	24.00 EA	\$194.00	\$4,656.00
Signalizations Component Total				\$2,280,721.30

INTELLIGENT TRAFFIC SYSTEM (ITS) COMPONENT

Pay Items		Total Unit	Weighted Avg.	Total Amount
Pay Item	Description	Quantity	Unit Price	
630-2-11	CONDUIT, F& I, OPEN TRENCH	5,945.00 LF	\$8.43	\$50,116.35
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	25,680.00 LF	\$20.45	\$525,156.00
630-2-14	CONDUIT, F& I, ABOVEGROUND	840.00 LF	\$23.18	\$19,471.20
633-1-121	FIBER OPTIC CABLE, F&I, UG,2-12	23,980.00 LF	\$2.87	\$68,822.60
633-1-124	FIBER OPTIC CABLE, F&I, UG,97-144	39,360.00 LF	\$3.56	\$140,121.60
633-2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	838.00 EA	\$42.60	\$35,698.80
633-2-32	FIBER OPTIC CONNECTION, INSTALL, TERM	280.00 EA	\$84.48	\$23,654.40
633-3-11	FIBER OPTIC CONN HDWR, SPLICE ENCLOSURE	22.00 EA	\$890.00	\$19,580.00
633-3-14	FIBER OPTIC CONN HDWR, BUFFER TUBE FAN O	22.00 EA	\$97.87	\$2,153.14
633-3-16	FIBER OPTIC CONN HDWR, PATCH PANEL- FIE	22.00 EA	\$1,717.50	\$37,785.00
633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE, F&I	3,160.00 LF	\$5.07	\$16,021.20
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24"	102.00 EA	\$709.00	\$72,318.00
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36"	66.00 EA	\$1,480.50	\$97,713.00
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" OR 36"	10.00 EA	\$2,689.00	\$26,890.00
639-1-121	ELECTRICAL POWER SRV,F&I, UG,FUR BY POWE	6.00 AS	\$2,900.00	\$17,400.00
639-2-1	ELECTRICAL SERVICE WIRE, F&I	47,685.00 LF	\$6.00	\$286,110.00
639-3-11	ELEC SERV DISCON, F&I, POLE MNT	36.00 EA	\$950.00	\$34,200.00
660-3-11	VEHICLE DETECTION SYSTEM- MICRO,F&I, CAB	22.00 EA	\$2,894.00	\$63,668.00
660-3-12	VEHICLE DETECTION SYSTEM- MICRO,F&I, ABO	22.00 EA	\$7,287.00	\$160,314.00
676-2-122	ITS CABINET- F&I, POLE, 336S	4.00 EA	\$7,824.00	\$31,296.00
676-2-143	ITS CABINET- F&I, BASE, 334	18.00 EA	\$9,337.00	\$168,066.00
676-3-10	SMALL EQUIPMENT ENCLOSURE, F&I,>10X13X11	38.00 EA	\$1,181.00	\$44,878.00
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	22.00 EA	\$4,866.00	\$107,052.00
639-5-2	EMERGENCY GENERATOR- PERMANENT	2.00 EA	\$70,000.00	\$140,000.00
688-1-10	ROAD WEATHER INFORMATION SYSTEM	1.00 EA	\$70,000.00	\$70,000.00
Intelligent Traffic System (ITS) Component Total				\$2,258,485.29

BRIDGES COMPONENT

Bridge Type: Medium Level, Widen

Pay Items		Total Unit	Weighted Avg.	Total Amount
Pay Item	Description	Quantity	Unit Price	
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	444.00 SF	\$34.00	\$15,096.00

400-2-10 CONC CLASS II, APPROACH SLABS 102.22 CY \$533.96 \$54,581.39

Bridge No. 100701 Type=MLW

Length=111 FT Width=46 FT

Bridge Basic Cost based on Factored Cost \$140.00 SF \$714,840.00

Bridge Final Cost Per SF \$154.75

Bridge Type: High Level

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
415-1-9	REINF STEEL- APPROACH SLABS	40,834.50 LB	\$1.16	\$47,368.02

Bridge No. SBEL Type=HLB

Length=1572 FT Width=30 FT

Bridge Basic Cost based on Factored Cost \$256.00 SF \$12,072,960.00

Bridge Final Cost Per SF \$267.64

Bridge No. A00135 Type=HLB

Length=840 FT Width=45 FT

Bridge Basic Cost based on Factored Cost \$176.00 SF \$6,652,800.00

Bridge Final Cost Per SF \$177.95

Bridge No. NBEL Type=HLB

Length=1839 FT Width=30 FT

Bridge Basic Cost based on Factored Cost \$256.00 SF \$14,123,520.00

Bridge Final Cost Per SF \$275.02

Bridge Type: Overpass Widening

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
400-2-10	CONC CLASS II, APPROACH SLABS	1,927.80 CY	\$533.96	\$1,029,368.11

Bridge No. 100818 Type=OPW

Length=143 FT Width=34 FT

Bridge Basic Cost based on Factored Cost \$140.00 SF \$680,680.00

Bridge Final Cost Per SF \$151.45

Bridge No. 100821 Type=OPW

Length=206 FT Width=46 FT

Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,326,640.00

Bridge Final Cost Per SF \$147.95

Bridge No. 100826 Type=OPW

Length=227 FT Width=74 FT

Bridge Basic Cost based on Factored Cost \$140.00 SF \$2,351,720.00

Bridge Final Cost Per SF \$147.21

Bridge No. 100829 Type=OPW

Length=164 FT Width=34 FT

Bridge Basic Cost based on Factored Cost \$140.00 SF \$780,640.00

Bridge Final Cost Per SF \$149.99

Bridge No. 100817 Type=OPW

Length=148 FT Width=34 FT

Bridge Basic Cost based on Factored Cost \$140.00 SF \$704,480.00

Bridge Final Cost Per SF \$151.07

Bridge No. 100820	Type=OPW	Length=217 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$1,032,920.00
Bridge Final Cost Per SF \$147.55				
Bridge No. 100825	Type=OPW	Length=222 FT	Width=59 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$1,833,720.00
Bridge Final Cost Per SF \$147.38				
Bridge No. 100828	Type=OPW	Length=164 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$780,640.00
Bridge Final Cost Per SF \$149.99				
Bridge No. 100695	Type=OPW	Length=106 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$682,640.00
Bridge Final Cost Per SF \$155.45				
Bridge No. 100697	Type=OPW	Length=148 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$953,120.00
Bridge Final Cost Per SF \$151.07				
Bridge No. 100699	Type=OPW	Length=143 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$920,920.00
Bridge Final Cost Per SF \$151.45				
Bridge No. 100702	Type=OPW	Length=111 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$528,360.00
Bridge Final Cost Per SF \$154.75				
Bridge No. 100705	Type=OPW	Length=143 FT	Width=25 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$500,500.00
Bridge Final Cost Per SF \$331.23				
Bridge No. 100136	Type=OPW	Length=215 FT	Width=13.5 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$406,350.00
Bridge Final Cost Per SF \$169.79				
Bridge No. 100704	Type=OPW	Length=80 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$380,800.00
Bridge Final Cost Per SF \$160.47				
Bridge No. 100703	Type=OPW	Length=106 FT	Width=24 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$356,160.00
Bridge Final Cost Per SF \$155.45				
Bridge No. 100696	Type=OPW	Length=106 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$682,640.00
Bridge Final Cost Per SF \$155.45				
Bridge No. 100698	Type=OPW	Length=148 FT	Width=59 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$1,222,480.00

Bridge Final Cost Per SF \$151.07

Bridge No. 100700 Type=OPW Length=143 FT Width=62 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,241,240.00
 Bridge Final Cost Per SF \$151.45

Bridge No. A00702 Type=OPW Length=111 FT Width=30 FT
 Bridge Basic Cost based on Factored Cost \$120.40 SF \$400,932.00
 Bridge Final Cost Per SF \$135.15

Bridge No. 100134 Type=OPW Length=174 FT Width=25.5 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$621,180.00
 Bridge Final Cost Per SF \$149.41

Bridge No. 100135 Type=OPW Length=260 FT Width=27.5 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,001,000.00
 Bridge Final Cost Per SF \$146.30

Bridge Type: Medium Level

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
415-1-9	REINF STEEL- APPROACH SLABS	36,554.00 LB	\$1.16	\$42,402.64

Bridge No. 100290 Type=MLB Length=150 FT Width=47 FT
 Bridge Basic Cost based on Factored Cost \$159.90 SF \$1,127,295.00
 Bridge Final Cost Per SF \$170.82

Bridge No. A00703 Type=MLB Length=106 FT Width=47 FT
 Bridge Basic Cost based on Factored Cost \$119.60 SF \$595,847.20
 Bridge Final Cost Per SF \$135.05

Bridge Type: Overpass Widening

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
415-1-9	REINF STEEL- APPROACH SLABS	337,365.00 LB	\$1.16	\$391,343.40

Bridge No. 100818 Type=OPW Length=143 FT Width=34 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$680,680.00
 Bridge Final Cost Per SF \$151.45

Bridge No. 100821 Type=OPW Length=206 FT Width=46 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,326,640.00
 Bridge Final Cost Per SF \$147.95

Bridge No. 100826 Type=OPW Length=227 FT Width=74 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$2,351,720.00
 Bridge Final Cost Per SF \$147.21

Bridge No. 100829	Type=OPW	Length=164 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$780,640.00
Bridge Final Cost Per SF \$149.99				
Bridge No. 100817	Type=OPW	Length=148 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$704,480.00
Bridge Final Cost Per SF \$151.07				
Bridge No. 100820	Type=OPW	Length=217 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$1,032,920.00
Bridge Final Cost Per SF \$147.55				
Bridge No. 100825	Type=OPW	Length=222 FT	Width=59 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$1,833,720.00
Bridge Final Cost Per SF \$147.38				
Bridge No. 100828	Type=OPW	Length=164 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$780,640.00
Bridge Final Cost Per SF \$149.99				
Bridge No. 100695	Type=OPW	Length=106 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$682,640.00
Bridge Final Cost Per SF \$155.45				
Bridge No. 100697	Type=OPW	Length=148 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$953,120.00
Bridge Final Cost Per SF \$151.07				
Bridge No. 100699	Type=OPW	Length=143 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$920,920.00
Bridge Final Cost Per SF \$151.45				
Bridge No. 100702	Type=OPW	Length=111 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$528,360.00
Bridge Final Cost Per SF \$154.75				
Bridge No. 100705	Type=OPW	Length=143 FT	Width=25 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$500,500.00
Bridge Final Cost Per SF \$331.23				
Bridge No. 100136	Type=OPW	Length=215 FT	Width=13.5 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$406,350.00
Bridge Final Cost Per SF \$169.79				
Bridge No. 100704	Type=OPW	Length=80 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$380,800.00
Bridge Final Cost Per SF \$160.47				
Bridge No. 100703	Type=OPW	Length=106 FT	Width=24 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$356,160.00

Bridge No. 100696	Type=OPW	Length=106 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$682,640.00
Bridge Final Cost Per SF \$155.45				

Bridge No. 100700	Type=OPW	Length=143 FT	Width=62 FT
Bridge Basic Cost based on Factored Cost \$140.00 SF			\$1,241,240.00
Bridge Final Cost Per SF \$151.45			

Bridge No. 100134	Type=OPW	Length=174 FT	Width=25.5 FT
Bridge Basic Cost based on Factored Cost \$140.00 SF			\$621,180.00
Bridge Final Cost Per SF \$149.41			

Bridge No. 100135	Type=OPW	Length=260 FT	Width=27.5 FT
Bridge Basic Cost based on Factored Cost \$140.00 SF			\$1,001,000.00
Bridge Final Cost Per SF \$146.30			

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
415-1-9	REINF STEEL- APPROACH SLABS	17,888.50 LB	\$1.16	\$20,750.66

Bridge No. 100701	Type=MLW	Length=111 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$714,840.00
Bridge Final Cost Per SF \$154.75				

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
521-5-22	CONC TRAF RAIL- BRIDGE, 8' NOISE WALL	358.00 LF	\$299.30	\$107,149.40

Bridge No. 100818	Type=OPW	Length=143 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$680,680.00
Bridge Final Cost Per SF \$151.45				

Bridge No. 100821	Type=OPW	Length=206 FT	Width=46 FT
Bridge Basic Cost based on Factored Cost \$140.00 SF			\$1,326,640.00
Bridge Final Cost Per SF \$147.95			

Bridge No. 100826	Type=OPW	Length=227 FT	Width=74 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$2,351,720.00
Bridge Final Cost Per SF \$147.21				
Bridge No. 100829	Type=OPW	Length=164 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$780,640.00
Bridge Final Cost Per SF \$149.99				
Bridge No. 100817	Type=OPW	Length=148 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$704,480.00
Bridge Final Cost Per SF \$151.07				
Bridge No. 100820	Type=OPW	Length=217 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$1,032,920.00
Bridge Final Cost Per SF \$147.55				
Bridge No. 100825	Type=OPW	Length=222 FT	Width=59 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$1,833,720.00
Bridge Final Cost Per SF \$147.38				
Bridge No. 100828	Type=OPW	Length=164 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$780,640.00
Bridge Final Cost Per SF \$149.99				
Bridge No. 100695	Type=OPW	Length=106 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$682,640.00
Bridge Final Cost Per SF \$155.45				
Bridge No. 100697	Type=OPW	Length=148 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$953,120.00
Bridge Final Cost Per SF \$151.07				
Bridge No. 100699	Type=OPW	Length=143 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$920,920.00
Bridge Final Cost Per SF \$151.45				
Bridge No. 100702	Type=OPW	Length=111 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$528,360.00
Bridge Final Cost Per SF \$154.75				
Bridge No. 100705	Type=OPW	Length=143 FT	Width=25 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$500,500.00
Bridge Final Cost Per SF \$331.23				
Bridge No. 100136	Type=OPW	Length=215 FT	Width=13.5 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$406,350.00
Bridge Final Cost Per SF \$169.79				
Bridge No. 100704	Type=OPW	Length=80 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$380,800.00

Bridge No. 100703	Type=OPW	Length=106 FT	Width=24 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$356,160.00
Bridge Final Cost Per SF \$155.45				

Bridge No. 100696	Type=OPW	Length=106 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$682,640.00
Bridge Final Cost Per SF \$155.45				

Bridge No. 100698	Type=OPW	Length=148 FT	Width=59 FT
Bridge Basic Cost based on Factored Cost \$140.00 SF			\$1,222,480.00
Bridge Final Cost Per SF \$151.07			

Bridge No. 100700	Type=OPW	Length=143 FT	Width=62 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$1,241,240.00
Bridge Final Cost Per SF \$151.45				

Bridge No. A00702	Type=OPW	Length=111 FT	Width=30 FT	
Bridge Basic Cost based on Factored Cost \$120.40 SF				\$400,932.00
Bridge Final Cost Per SF \$135.15				

Bridge No. 100134	Type=OPW	Length=174 FT	Width=25.5 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$621,180.00
Bridge Final Cost Per SF \$149.41				

Bridge No. 100135	Type=OPW	Length=260 FT	Width=27.5 FT
Bridge Basic Cost based on Factored Cost \$140.00 SF			\$1,001,000.00
Bridge Final Cost Per SF \$146.30			

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
400-2-10	CONC CLASS II, APPROACH SLABS	233.34 CY	\$533.96	\$124,594.22

Bridge No. SBEL	Type=HLB	Length=1572 FT	Width=30 FT
Bridge Basic Cost based on Factored Cost \$256.00 SF			\$12,072,960.00
Bridge Final Cost Per SF \$267.64			

Bridge No. A00135	Type=HLB	Length=840 FT	Width=45 FT
Bridge Basic Cost based on Factored Cost \$176.00 SF			\$6,652,800.00
Bridge Final Cost Per SF \$177.95			

Bridge No. NBEL	Type=HLB	Length=1839 FT	Width=30 FT
Bridge Basic Cost based on Factored Cost \$256.00 SF		\$14,123,520.00	
Bridge Final Cost Per SF \$275.02			

<https://fdotwp1.dot.state.fl.us/LongRangeEstimating/estimates/LREAESR05R4C.asp>

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
521-8-11	CONC BARRIER, W/JUNCT SLAB, 8'-NWALL	1,242.00 LF	\$483.00	\$599,886.00
Bridge No. 100818	Type=OPW	Length=143 FT	Width=34 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$680,680.00
	Bridge Final Cost Per SF \$151.45			
Bridge No. 100821	Type=OPW	Length=206 FT	Width=46 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$1,326,640.00
	Bridge Final Cost Per SF \$147.95			
Bridge No. 100826	Type=OPW	Length=227 FT	Width=74 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$2,351,720.00
	Bridge Final Cost Per SF \$147.21			
Bridge No. 100829	Type=OPW	Length=164 FT	Width=34 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$780,640.00
	Bridge Final Cost Per SF \$149.99			
Bridge No. 100817	Type=OPW	Length=148 FT	Width=34 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$704,480.00
	Bridge Final Cost Per SF \$151.07			
Bridge No. 100820	Type=OPW	Length=217 FT	Width=34 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$1,032,920.00
	Bridge Final Cost Per SF \$147.55			
Bridge No. 100825	Type=OPW	Length=222 FT	Width=59 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$1,833,720.00
	Bridge Final Cost Per SF \$147.38			
Bridge No. 100828	Type=OPW	Length=164 FT	Width=34 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$780,640.00
	Bridge Final Cost Per SF \$149.99			
Bridge No. 100695	Type=OPW	Length=106 FT	Width=46 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$682,640.00
	Bridge Final Cost Per SF \$155.45			
Bridge No. 100697	Type=OPW	Length=148 FT	Width=46 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$953,120.00
	Bridge Final Cost Per SF \$151.07			
Bridge No. 100699	Type=OPW	Length=143 FT	Width=46 FT	
	Bridge Basic Cost based on Factored Cost \$140.00 SF			\$920,920.00
	Bridge Final Cost Per SF \$151.45			
Bridge No. 100702	Type=OPW	Length=111 FT	Width=34 FT	

Bridge Basic Cost based on Factored Cost \$140.00 SF \$528,360.00
 Bridge Final Cost Per SF \$154.75

Bridge No. 100705 Type=OPW Length=143 FT Width=25 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$500,500.00
 Bridge Final Cost Per SF \$331.23

Bridge No. 100136 Type=OPW Length=215 FT Width=13.5 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$406,350.00
 Bridge Final Cost Per SF \$169.79

Bridge No. 100704 Type=OPW Length=80 FT Width=34 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$380,800.00
 Bridge Final Cost Per SF \$160.47

Bridge No. 100703 Type=OPW Length=106 FT Width=24 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$356,160.00
 Bridge Final Cost Per SF \$155.45

Bridge No. 100696 Type=OPW Length=106 FT Width=46 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$682,640.00
 Bridge Final Cost Per SF \$155.45

Bridge No. 100698 Type=OPW Length=148 FT Width=59 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,222,480.00
 Bridge Final Cost Per SF \$151.07

Bridge No. 100700 Type=OPW Length=143 FT Width=62 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,241,240.00
 Bridge Final Cost Per SF \$151.45

Bridge No. A00702 Type=OPW Length=111 FT Width=30 FT
 Bridge Basic Cost based on Factored Cost \$120.40 SF \$400,932.00
 Bridge Final Cost Per SF \$135.15

Bridge No. 100134 Type=OPW Length=174 FT Width=25.5 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$621,180.00
 Bridge Final Cost Per SF \$149.41

Bridge No. 100135 Type=OPW Length=260 FT Width=27.5 FT
 Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,001,000.00
 Bridge Final Cost Per SF \$146.30

Bridge Type: Medium Level

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
400-2-10	CONC CLASS II, APPROACH SLABS	208.88 CY	\$533.96	\$111,533.56

Bridge No. 100290 Type=MLB Length=150 FT Width=47 FT

Bridge Basic Cost based on Factored Cost \$159.90 SF \$1,127,295.00
 Bridge Final Cost Per SF \$170.82

Bridge No. A00703 Type=MLB**Length=106 FT Width=47 FT**

Bridge Basic Cost based on Factored Cost \$119.60 SF \$595,847.20
 Bridge Final Cost Per SF \$135.05

Bridge Type: High Level**EX-Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
STBENT	STRADDLE BENT	3.00 AS	\$500,000.00	\$1,500,000.00

Bridge No. SBEL Type=HLB**Length=1572 FT Width=30 FT**

Bridge Basic Cost based on Factored Cost \$256.00 SF \$12,072,960.00
 Bridge Final Cost Per SF \$267.64

Bridge No. A00135 Type=HLB**Length=840 FT Width=45 FT**

Bridge Basic Cost based on Factored Cost \$176.00 SF \$6,652,800.00
 Bridge Final Cost Per SF \$177.95

Bridge No. NBEL Type=HLB**Length=1839 FT Width=30 FT**

Bridge Basic Cost based on Factored Cost \$256.00 SF \$14,123,520.00
 Bridge Final Cost Per SF \$275.02

Bridge Type: Overpass Widening**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	22,228.00 SF	\$34.00	\$755,752.00

Bridge No. 100818 Type=OPW**Length=143 FT Width=34 FT**

Bridge Basic Cost based on Factored Cost \$140.00 SF \$680,680.00
 Bridge Final Cost Per SF \$151.45

Bridge No. 100821 Type=OPW**Length=206 FT Width=46 FT**

Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,326,640.00
 Bridge Final Cost Per SF \$147.95

Bridge No. 100826 Type=OPW**Length=227 FT Width=74 FT**

Bridge Basic Cost based on Factored Cost \$140.00 SF \$2,351,720.00
 Bridge Final Cost Per SF \$147.21

Bridge No. 100829 Type=OPW**Length=164 FT Width=34 FT**

Bridge Basic Cost based on Factored Cost \$140.00 SF \$780,640.00
 Bridge Final Cost Per SF \$149.99

Bridge No. 100817 Type=OPW**Length=148 FT Width=34 FT**

Bridge Basic Cost based on Factored Cost \$140.00 SF \$704,480.00

Bridge Final Cost Per SF \$151.07

Bridge No. 100820	Type=OPW	Length=217 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$1,032,920.00
Bridge Final Cost Per SF \$147.55				
Bridge No. 100825	Type=OPW	Length=222 FT	Width=59 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$1,833,720.00
Bridge Final Cost Per SF \$147.38				
Bridge No. 100828	Type=OPW	Length=164 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$780,640.00
Bridge Final Cost Per SF \$149.99				
Bridge No. 100695	Type=OPW	Length=106 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$682,640.00
Bridge Final Cost Per SF \$155.45				
Bridge No. 100697	Type=OPW	Length=148 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$953,120.00
Bridge Final Cost Per SF \$151.07				
Bridge No. 100699	Type=OPW	Length=143 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$920,920.00
Bridge Final Cost Per SF \$151.45				
Bridge No. 100702	Type=OPW	Length=111 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$528,360.00
Bridge Final Cost Per SF \$154.75				
Bridge No. 100705	Type=OPW	Length=143 FT	Width=25 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$500,500.00
Bridge Final Cost Per SF \$331.23				
Bridge No. 100136	Type=OPW	Length=215 FT	Width=13.5 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$406,350.00
Bridge Final Cost Per SF \$169.79				
Bridge No. 100704	Type=OPW	Length=80 FT	Width=34 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$380,800.00
Bridge Final Cost Per SF \$160.47				
Bridge No. 100703	Type=OPW	Length=106 FT	Width=24 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$356,160.00
Bridge Final Cost Per SF \$155.45				
Bridge No. 100696	Type=OPW	Length=106 FT	Width=46 FT	
Bridge Basic Cost based on Factored Cost \$140.00 SF				\$682,640.00
Bridge Final Cost Per SF \$155.45				
Bridge No. 100698	Type=OPW	Length=148 FT	Width=59 FT	

Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,222,480.00

Bridge Final Cost Per SF \$151.07

Bridge No. 100700 Type=OPW

Length=143 FT Width=62 FT

Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,241,240.00

Bridge Final Cost Per SF \$151.45

Bridge No. A00702 Type=OPW

Length=111 FT Width=30 FT

Bridge Basic Cost based on Factored Cost \$120.40 SF \$400,932.00

Bridge Final Cost Per SF \$135.15

Bridge No. 100134 Type=OPW

Length=174 FT Width=25.5 FT

Bridge Basic Cost based on Factored Cost \$140.00 SF \$621,180.00

Bridge Final Cost Per SF \$149.41

Bridge No. 100135 Type=OPW

Length=260 FT Width=27.5 FT

Bridge Basic Cost based on Factored Cost \$140.00 SF \$1,001,000.00

Bridge Final Cost Per SF \$146.30

Bridges Component Total

\$60,852,769.60

RETAINING WALLS COMPONENT

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	342,910.00 SF	\$29.35	\$10,064,408.50

Retaining Walls Component Total

\$10,064,408.50

ARCHITECTURAL COMPONENT

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
735-74-1	TOLL PLAZA, LOCATION 1	1.00 LS	\$1,500,000.00	\$1,500,000.00
735-74-2	TOLL PLAZA, LOCATION 2	2.00 LS	\$1,150,000.00	\$2,300,000.00

Architectural Component Total

\$3,800,000.00

MISCELLANEOUS COMPONENT

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
534-73	PERIMETER WALL	1,920.00 SF	\$73.89	\$141,868.80
705-11-5	DELINEATOR, FLEX HIGH PERF 36"- EXP MARK	6,007.00 EA	\$121.00	\$726,847.00
550-10-804	FENCING, OMEGA, WIRE WORKS	920.00 LF	\$30.00	\$27,600.00
HARD-IRREXT	HARDSCAPE AND IRRIGATION EXTENSION (5% OF PROJECT SEQUENCES SUBTOTAL)	1.00 LS	\$7,658,398.14	\$7,658,398.14

Miscellaneous Component Total

\$8,554,713.94

Date: 4/2/2020 8:31:09 AM

FDOT Long Range Estimating System - Production

R4: Project Details Composite Report

By Component

Project: 434045-2-52-01**Letting Date:** 07/2023**Description:** I-275 (SR 93) FROM S OF LOIS AVE TO N OF HILLSBOROUGH RIVER**District:** 07 **County:** 10 HILLSBOROUGH**Project Manager:** PRD-MLG**Version 28-P****Project Grand Total****\$235,251,442.47****Description:** Section 5 Option D, 2020 WPUC. Creator: Garry Fischbach / AECOM, Checker: Dave Panigrahi / Lochner**Project Sequences Subtotal** **\$160,826,360.91**

102-1	MAINTENANCE OF TRAFFIC	10.00	\$16,082,636.09
101-1	MOBILIZATION	8.00	\$14,152,719.76

Project Sequences Total **\$191,061,716.76**

Project Unknowns	15.00%	\$28,659,257.51
Design/Build	7.00%	\$15,380,468.20

Non-Bid Components:**Pay item Description****Quantity Unit Unit Price Extended Amount**

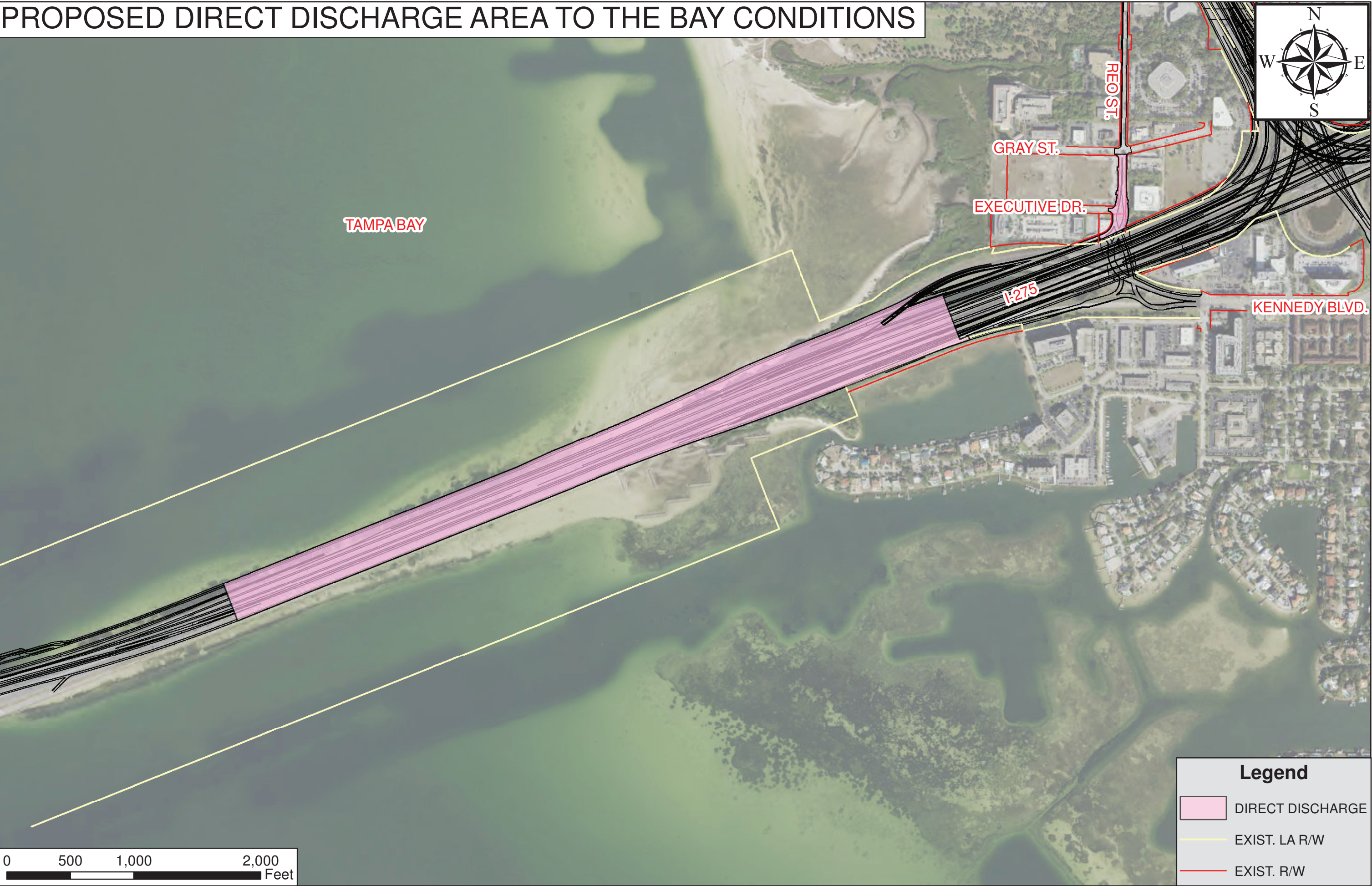
999-25 INITIAL CONTINGENCY AMOUNT (DO NOT BID) 1.00 LS \$150,000.00 \$150,000.00

Project Non-Bid Subtotal **\$150,000.00****Version 28-P Project Grand Total** **\$235,251,442.47**

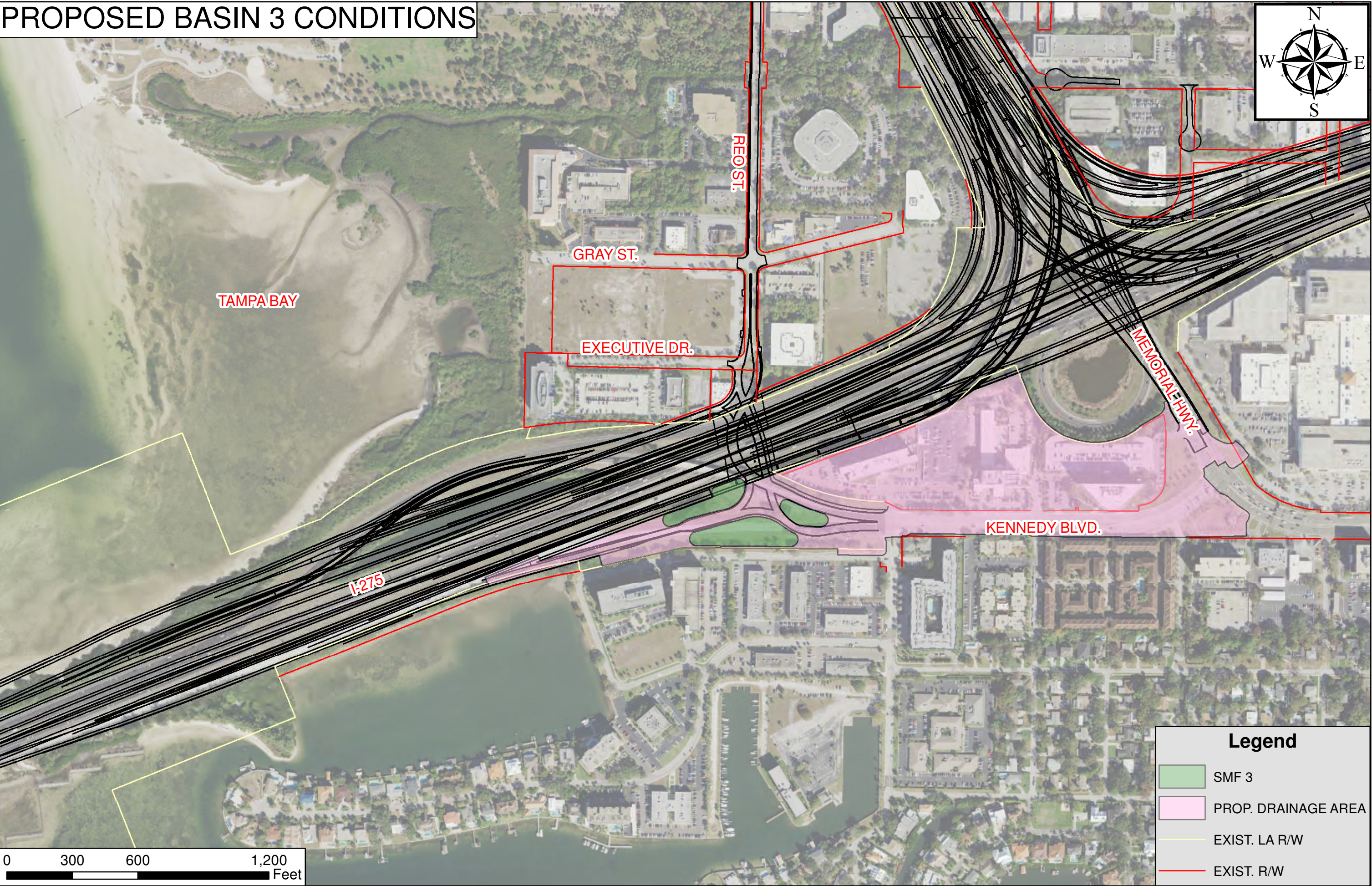
APPENDIX I

Proposed Drainage Basins and Comparison Matrix

PROPOSED DIRECT DISCHARGE AREA TO THE BAY CONDITIONS



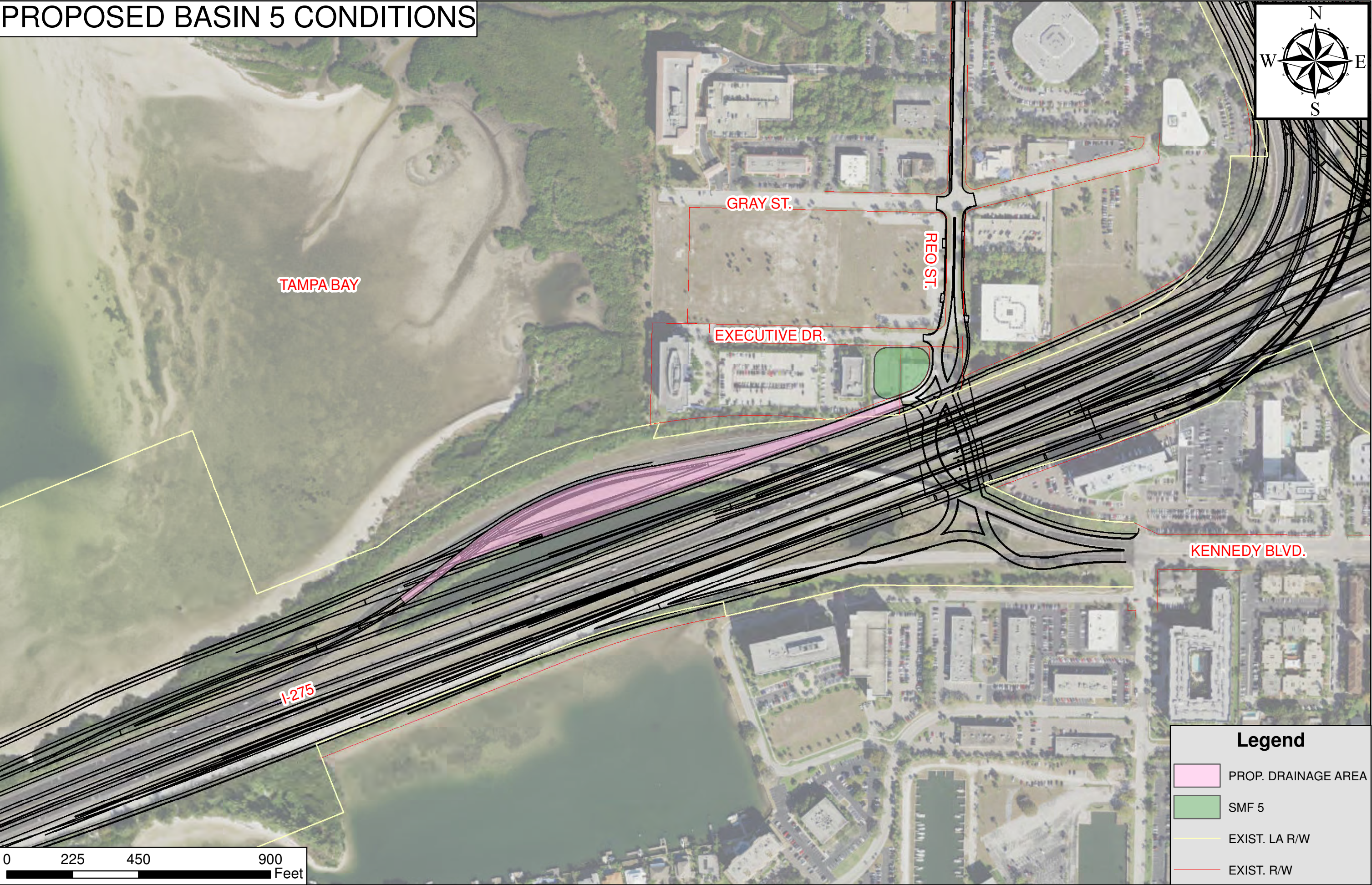
PROPOSED BASIN 3 CONDITIONS



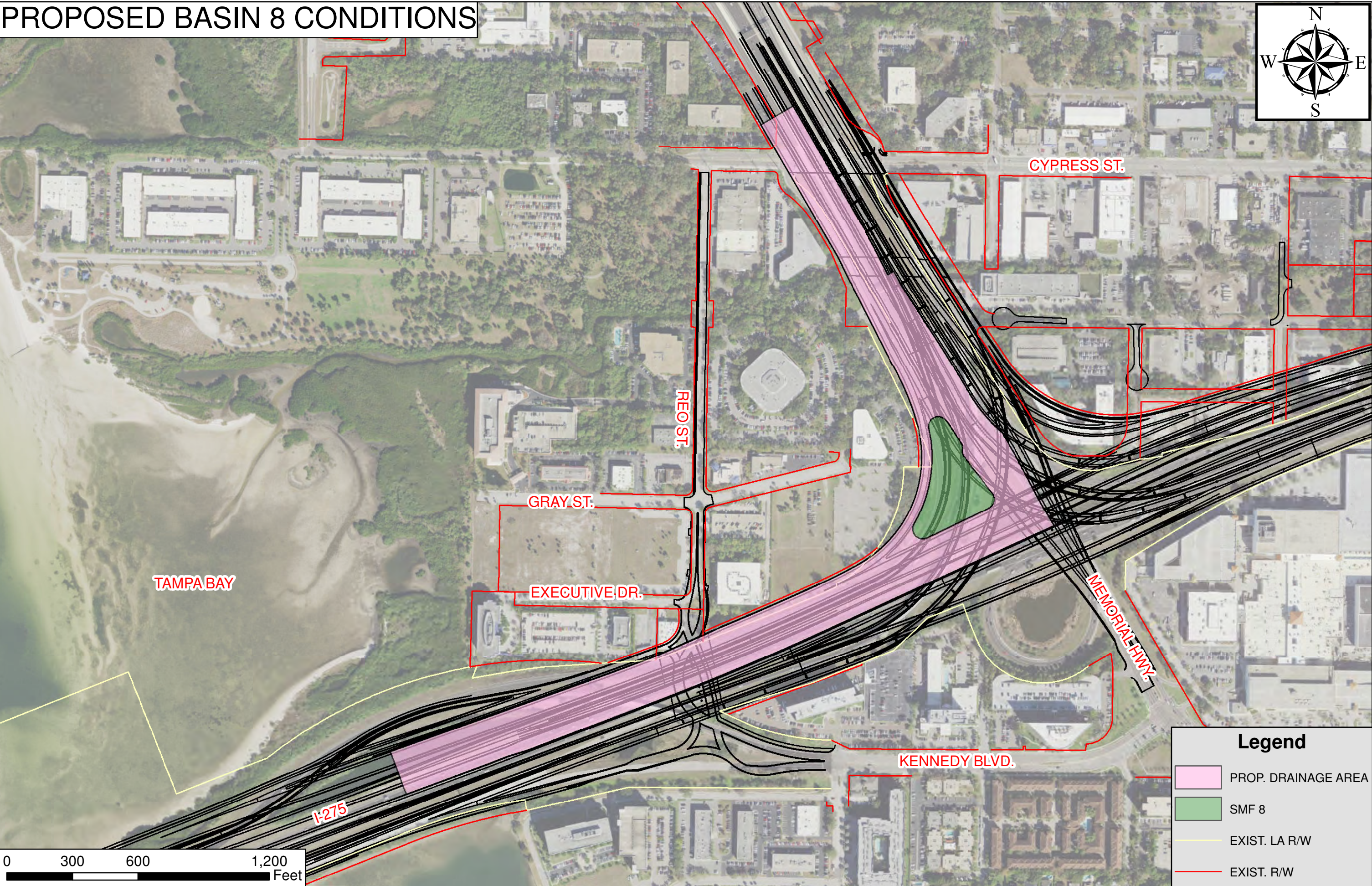
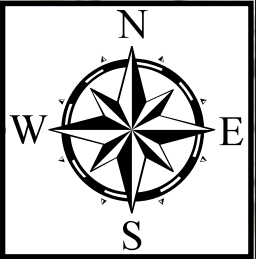
Legend

- SMF 3
- PROP. DRAINAGE AREA
- EXIST. LA R/W
- EXIST. R/W

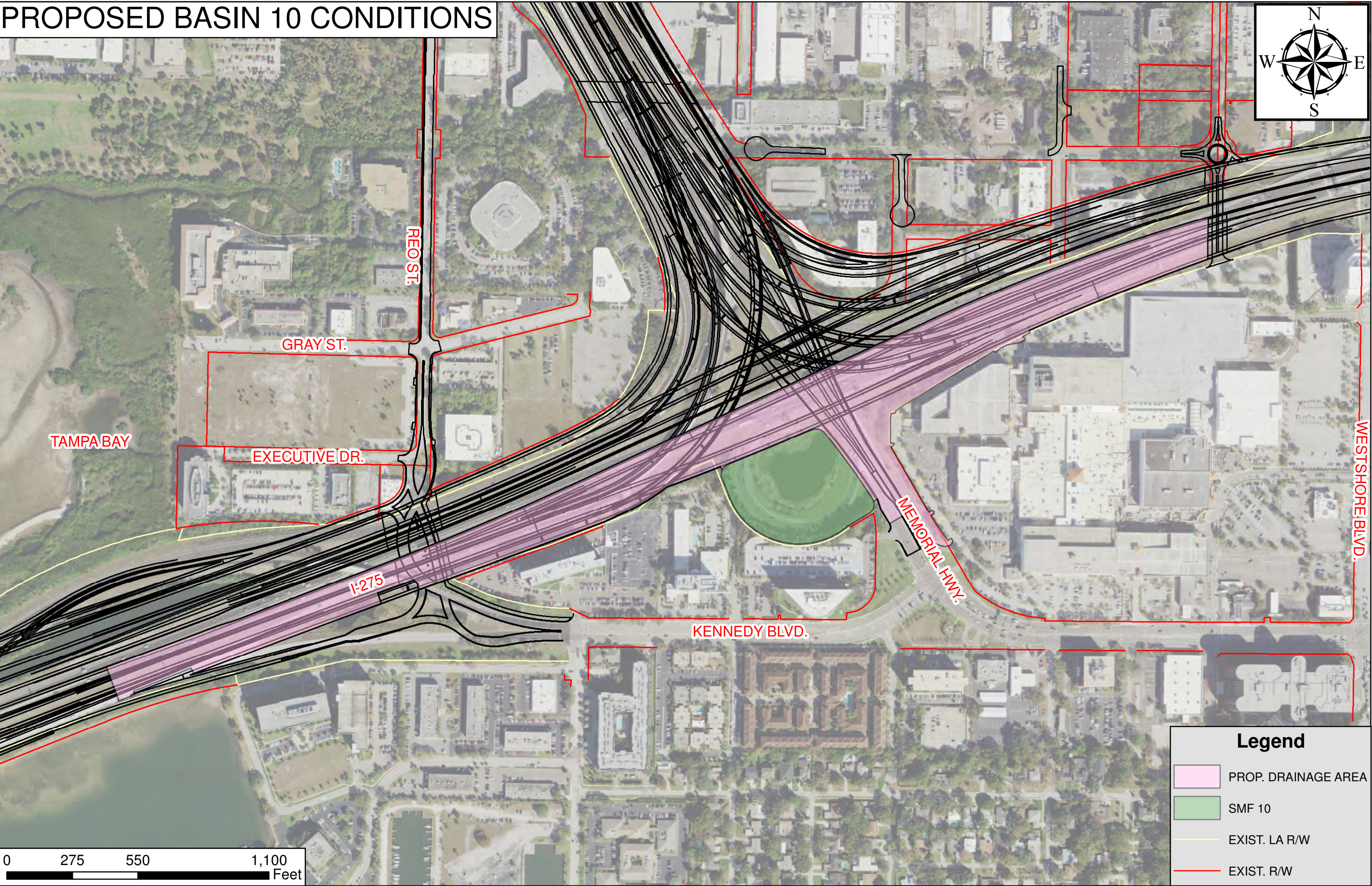
PROPOSED BASIN 5 CONDITIONS



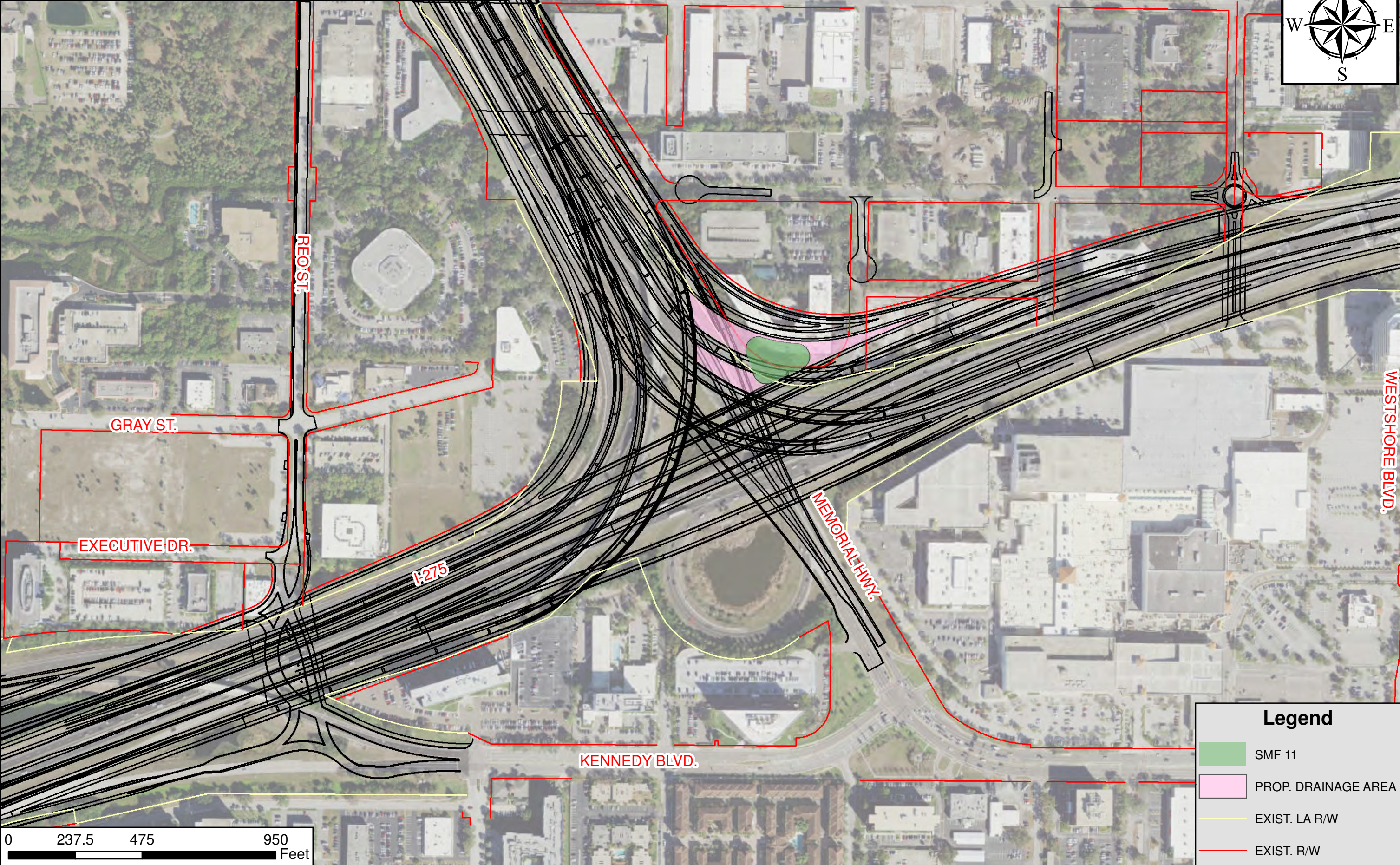
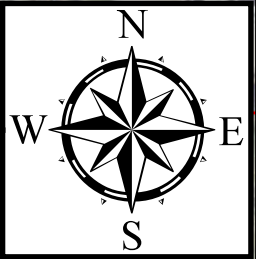
PROPOSED BASIN 8 CONDITIONS



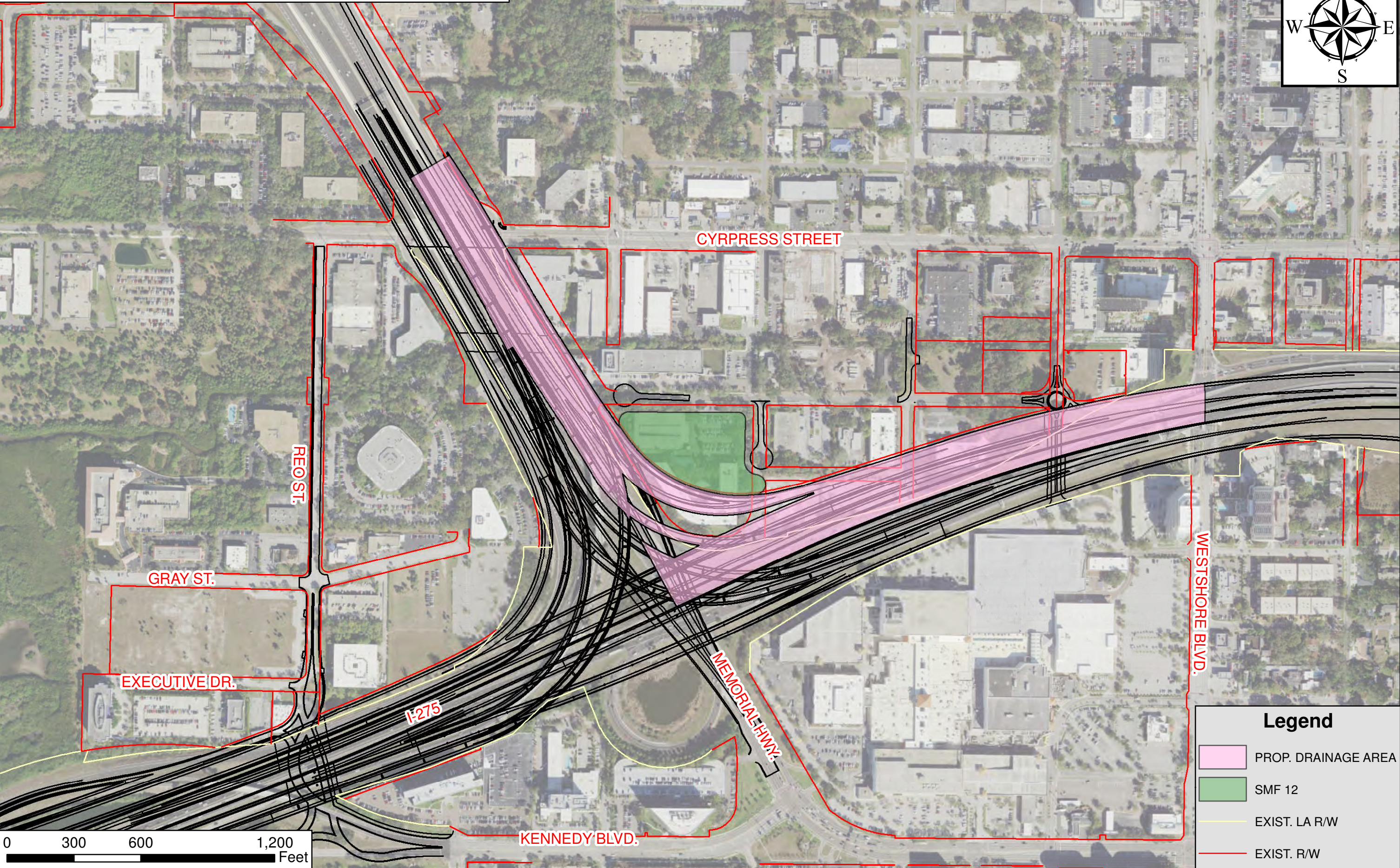
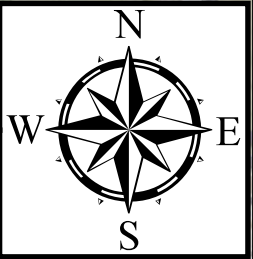
PROPOSED BASIN 10 CONDITIONS



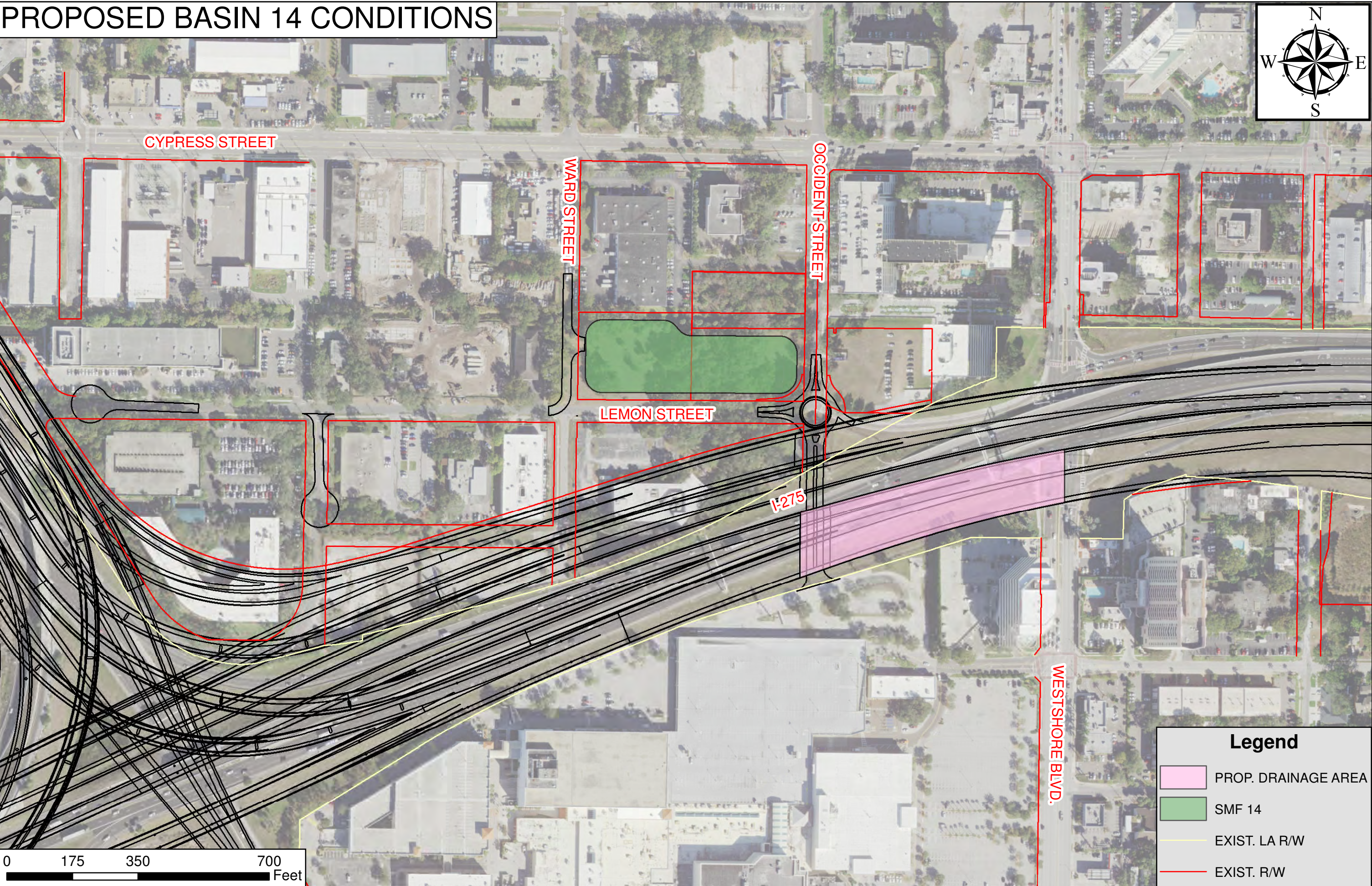
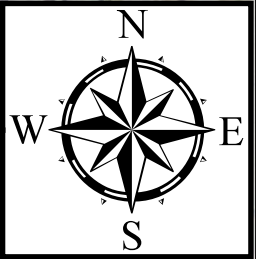
PROPOSED BASIN 11 CONDITIONS



PROPOSED BASIN 12 CONDITIONS



PROPOSED BASIN 14 CONDITIONS



	SMF Alternative	SMF Alternative	SMF Alternative	SMF Alternative	SMF Alternative	SMF Alternative	SMF Alternative
	SMF 3	SMF 5	SMF 8	SMF 10	SMF 11	SMF 12	SMF 14
Location	I-275	I-275	Within Interchange	I-275	Within Interchange	I-275	Lemon Street
Side (Lt., Rt.)	RT	LT	RT	RT	RT	RT	LT
SMF Area (Ac) (OTOB)	2.19	0.67	2.40	4.70	0.64	3.81	2.16
Est. Ground Elev. (Ft) At SMF Site	6.00	7.00	12.50	6.00	7.00	8.00	8.00
Proposed LEOP Within Basin	6.48	7.90	8.40	6.98	5.47	8.92	38.40
Est. SHWT Elev.	1.56	4.60	2.60	1.93	2.70	3.30	6.90
Basin Hydrology	Open	Open	Open	Open	Open	Open	Open
Treatment System	Wet Detention	Wet Detention	Dry Retention	Wet Detention	Wet Detention	Dry Retention	Wet Detention
Soils Name	Arents, Urban Land	Urband Land	Tavares	Arents	Arents	Arents, Myakka, Tarares	Myakka
Hydrological Soil Group	A	A	A	A	A	A	A
Land Use	Developed	Developed	Developed	Developed	Developed	Developed	Developed
Recorded Arechaeological Sites	0	0	0	0	0	0	1
Archaeological Potential	Low	Moderate	Low	Low	Low	Low	High
Recorded Historical Structures	2 adjacent	1 within	0	0	0	0	0
Recorded Historical Resources	0	0	0	0	0	0	1 adjacent
Tentative Hazard Ranking	Low	Low	Medium	Low	Low	High	Medium
Protected Species Probability	Moderate	None	Low	Low	Low	Moderate	None
Potential Wetland/OSW Involvement	Moderate	None	Low	High	Low	None	None
Proximity to Inflow (ft) (LEOP)	1000	100	100	100	200	100	200
Proximity to Outfall (ft)	500	500	500	100	800	500	500
SMF Easement Required	None	None	None	None	None	None	None
Number of Parcels	1	2	1	1	1	1	2
Remnant Parcel (R) or Within Existing RW (E)	E	R	E	E	E	R	R
Recommended SMF Location In PD&E PSR	Yes	No	Yes	Yes	No	No	Yes
Wetland Mitigation Cost	None	None	None	None	None	None	None
Recommended SMF Site	SMF 3	SMF 5	SMF 8	SMF 10	SMF 11	SMF 12	SMF 14

THE INFORMATION PRESENTED IN THIS TABLE IS SUBJECT TO CHANGE UNTIL THE FINAL PHASE OF THE PROJECT