

Florida Park Drive Corridor Study

LTG Proposal No.: 2015046
Description: Florida Park Drive Corridor Study

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Prepared By:
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123 Live Oak Ave.
Daytona Beach, FL 32114

Task Description	Chief Engineer		Project Manager		Project Engineer/ Planner		Engineer Intern		Sr. Designer		Admin. Assistant		Student Intern		Subconsultant Cost	
	Rate/Hr	\$210	Rate/Hr	\$160	Rate/Hr	\$110	Rate/Hr	\$75	Rate/Hr	\$90	Rate/Hr	\$55	Rate/Hr	\$40		
	Man Hours	Cost	Man Hours	Cost	Man Hours	Cost	Man Hours	Cost	Man Hours	Cost	Man Hours	Cost	Man Hours	Cost		
Phase 2 - Alternatives Evaluation																
Task 2.1 Neighborhood Meetings (2)	-	\$0	8.00	\$1,280	8.00	\$880	8.00	\$600	-	\$0	4.00	\$220	-	\$0	-	\$0
City Council Presentations (3)	-	\$0	9.00	\$1,440	15.00	\$1,650	-	\$0	-	\$0	2.00	\$110	-	\$0	-	\$0
Task 2.2 Travel Demand Modeling																
Validation of base model (up to 5 runs)																
Review and modify S/E data	-	\$0	2.00	\$320	8.00	\$880	12.00	\$900	-	\$0	-	\$0	12.00	\$480	-	\$0
Review and modify zonal structure	-	\$0	2.00	\$320	16.00	\$1,760	16.00	\$1,200	-	\$0	-	\$0	-	\$0	-	\$0
Review and modify network	-	\$0	2.00	\$320	12.00	\$1,320	6.00	\$450	-	\$0	-	\$0	-	\$0	-	\$0
Documentation of results	-	\$0	4.00	\$640	16.00	\$1,760	6.00	\$450	-	\$0	-	\$0	-	\$0	-	\$0
Development of alternatives (3)	2.00	\$420	12.00	\$1,920	20.00	\$2,200	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0
Modeling for alternatives (3 runs)	2.00	\$420	2.00	\$320	18.00	\$1,980	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0
Task 2.3 Develop Design Traffic Volumes (8 int.)																
Approach volumes	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0
Turning movement volumes	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0
Task 2.3 Quality/Level of Service Analysis																
Code base SYNCHRO network	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0
Run alternatives Link Analysis (3)	-	\$0	2.00	\$320	6.00	\$660	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0
Task 2.5 Origin - Destination Analysis																
Option 1 - Bluetooth readers	-	\$0	4.00	\$640	2.00	\$220	-	\$0	-	\$0	-	\$0	-	\$0	-	\$5,600
Option 2 - License plate survey	-	\$0	4.00	\$640	2.00	\$220	-	\$0	-	\$0	-	\$0	-	\$0	-	\$6,000
Phase 3 - Deliverables																
Task 3.1 Relevant Project Data	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0
Task 3.2 Reports	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0
Draft report (5 hard copies)	2.00	\$420	4.00	\$640	16.00	\$1,760	24.00	\$1,800	8.00	\$720	2.00	\$110	-	\$0	-	\$0
Final report (5 hard copies)	1.00	\$210	2.00	\$320	2.00	\$220	6.00	\$450	2.00	\$180	4.00	\$220	-	\$0	-	\$0
Task 4.1 Quality Assurance/Quality Control	[5% of total. See below]															
Task 5.1 Coordination	[3% of total. See below]															
Totals:	7.00	\$1,470	57.00	\$9,120	141.00	\$15,510	78.00	\$5,850	10.00	\$900	12.00	\$660	12.00	\$480	-	\$11,600

\$45,590

Task Subtotals - O-D Option 1 - Bluetooth Readers

Neighborhood Meetings (2)	2.1	\$6,180
Travel Demand Modeling	2.2	\$18,060
Develop Design Traffic Volumes (8 int.)	2.3	\$0
Quality/Level of Service Analysis	2.4	\$980
Origin-Destination Analysis	2.5	\$6,460
Relevant Project Data	3.1	\$0
Reports	3.2	\$7,050
Quality Assurance/Quality Control (5%)	4.1	\$1,937
Coordination (3%)	5.1	\$1,162
Grand Total		\$41,828

Task Subtotals - O-D Option 2 - License Plates

Neighborhood Meetings (2)	2.1	\$6,180
Travel Demand Modeling	2.2	\$18,060
Develop Design Traffic Volumes (8 int.)	2.3	\$0
Quality/Level of Service Analysis	2.4	\$980
Origin-Destination Analysis	2.5	\$6,860
Relevant Project Data	3.1	\$0
Reports	3.2	\$7,050
Quality Assurance/Quality Control (5%)	4.1	\$1,957
Coordination (3%)	5.1	\$1,174
Grand Total		\$42,260

*All overhead items are included with the exception of presentation material such as display boards. Display boards shall be provided for the neighborhood and council meetings only at the City's direction.