

Old Fitzhugh Road PS&E

Summary		HDR	Doucet	MAS	HVJ	TOTAL	
A	Project Management	Hours	168	56	45	0	269
		Fee	\$35,860	\$9,888	\$7,500	\$0	\$53,248
B	Roadway Design	Hours	531	0	0	0	531
		Fee	\$70,855	\$0	\$0	\$0	\$70,855
C	Drainage Design	Hours	0	609	0	0	609
		Fee	\$0	\$104,890	\$0	\$0	\$104,890
D	Signing and Pavement Marking	Hours	201	0	0	0	201
		Fee	\$27,850	\$0	\$0	\$0	\$27,850
E	Traffic Calming	Hours	28	0	0	0	28
		Fee	\$4,280	\$0	\$0	\$0	\$4,280
F	Traffic Control Plans	Hours	190	0	0	0	190
		Fee	\$25,550	\$0	\$0	\$0	\$25,550
G	Illumination	Hours	447	0	0	0	447
		Fee	\$77,580	\$0	\$0	\$0	\$77,580
H	Erosion Control and SW3P Narrative	Hours	92	6	0	0	98
		Fee	\$11,580	\$1,483	\$0	\$0	\$13,063
I	Utility Coordination	Hours	364	0	0	0	364
		Fee	\$61,660	\$0	\$0	\$0	\$61,660
J	Environmental	Hours	366	0	0	0	366
		Fee	\$45,140	\$0	\$0	\$0	\$45,140
K	Public Outreach	Hours	252	54	40	0	346
		Fee	\$30,420	\$10,249	\$4,480	\$0	\$45,149
L	Right-of-Way Surveying	Hours	0	127	0	0	127
		Fee	\$0	\$19,776	\$0	\$0	\$19,776
M	Landscape, Streetscape Design, and Urban Design	Hours	0	0	600	0	600
		Fee	\$0	\$0	\$65,200	\$0	\$65,200
N	Geotechnical Engineering and Pavement Design	Hours	36	6	0	74	116
		Fee	\$8,640	\$1,174	\$0	\$15,612	\$25,426
O	PS&E Preparation	Hours	105	0	0	0	105
		Fee	\$20,100	\$0	\$0	\$0	\$20,100
P	Bid Phase Services	Hours	52	10	8	0	70
		Fee	\$8,790	\$2,009	\$1,000	\$0	\$11,799
Q	Construction Phase Services	Hours	116	49	24	0	189
		Fee	\$19,930	\$8,642	\$3,000	\$0	\$31,572
R	Expenses	Hours					
		Fee	\$5,175	\$1,000	\$1,000	\$0	\$7,175
TOTAL HOURS		2,780	858	685	74	4397	
TOTAL FEE		\$453,410	\$159,110	\$82,180	\$15,612	\$710,312	

Old Fitzhugh Road PS&E

Summary by Phase		HDR	Doucet	MAS	HVJ	TOTAL
30 Percent Design Plans						
A	Project Management	67.2 \$14,344	22.4 \$3,955	13.5 \$3,000	0 \$0	80.7 \$15,974
B	Roadway Design	100 \$13,810	0 \$0	0 \$0	0 \$0	100 \$13,810
C	Drainage Design	0 \$0	173 \$31,080	0 \$0	0 \$0	173 \$31,080
D	Signing and Pavement Marking	45 \$5,175	0 \$0	0 \$0	0 \$0	45 \$5,175
E	Traffic Calming					
F	Traffic Control Plans					
G	Illumination	102 \$18,030	0 \$0	0 \$0	0 \$0	102 \$18,030
H	Erosion Control and SW3P Narrative					
I	Utility Coordination	73 \$12,332	0 \$0	0 \$0	0 \$0	73 \$12,332
J	Environmental	78 \$10,280	0 \$0	0 \$0	0 \$0	78 \$10,280
K	Public Outreach					
L	Right-of-Way Surveying	0 \$0	127 \$19,776	0 \$0	0 \$0	127 \$19,776
M	Landscape, Streetscape Design, and Urban Design	0 \$0	0 \$0	160 \$18,400	0 \$0	160 \$18,400
N	Geotechnical Engineering and Pavement Design					
O	PS&E Preparation	27 \$5,460	0 \$0	0 \$0	0 \$0	27 \$5,460
P	Bid Phase Services					
Q	Construction Phase Services					
R	Expenses	\$500	\$300	\$300	\$0	\$2,153
Total Hours		492	322	174	0	988
Total Fee		\$79,931	\$55,111	\$21,700	\$0	\$156,742

60 Percent Design Plans						
A	Project Management	50.4 10758	16.8 2966.4	13.5 2250	0 0	80.7 15974.4
B	Roadway Design	234 \$30,910	0 \$0	0 \$0	0 \$0	234 \$30,910
C	Drainage Design	0 \$0	151 \$26,157	0 \$0	0 \$0	151 \$26,157
D	Signing and Pavement Marking	69 \$9,940	0 \$0	0 \$0	0 \$0	69 \$9,940
E	Traffic Calming	28 \$4,280	0 \$0	0 \$0	0 \$0	28 \$4,280
F	Traffic Control Plans	114 \$15,650	0 \$0	0 \$0	0 \$0	114 \$15,650
G	Illumination	178 \$30,370	0 \$0	0 \$0	0 \$0	178 \$30,370
H	Erosion Control and SW3P Narrative	92 \$11,580	6 \$1,483	0 \$0	0 \$0	98 \$13,063
I	Utility Coordination	291 \$49,328	0 \$0	0 \$0	0 \$0	291 \$49,328
J	Environmental	288 \$34,860	0 \$0	0 \$0	0 \$0	288 \$34,860
K	Public Outreach	252 \$30,420	54 \$10,249	40 \$4,480	0 \$0	346 \$45,149
L	Right-of-Way Surveying					
M	Landscape, Streetscape Design, and Urban Design	0 \$0	0 \$0	180 \$20,400	0 \$0	180 \$20,400
N	Geotechnical Engineering and Pavement Design	36 \$8,640	6 \$1,174	0 \$0	74 \$15,612	116 \$25,426
O	PS&E Preparation	26 \$5,220	0 \$0	0 \$0	0 \$0	26 \$5,220
P	Bid Phase Services					
Q	Construction Phase Services					
R	Expenses	\$1,000	\$300	\$300	\$0	\$2,153
	Total Hours	1,659	234	234	74	2,200
	Total Fee	\$242,956	\$42,329	\$27,430	\$15,612	\$328,327

<u>90 Percent Design Plans</u>						
A	Project Management	33.6 7172	11.2 1977.6	9 1500	0 0	80.7 15974.4
B	Roadway Design	148 \$19,570	0 \$0	0 \$0	0 \$0	148 \$19,570
C	Drainage Design	0 \$0	141 \$23,716	0 \$0	0 \$0	141 \$23,716
D	Signing and Pavement Marking	69 \$9,940	0 \$0	0 \$0	0 \$0	69 \$9,940
E	Traffic Calming					
F	Traffic Control Plans	62 \$8,130	0 \$0	0 \$0	0 \$0	62 \$8,130
G	Illumination	106 \$18,610	0 \$0	0 \$0	0 \$0	106 \$18,610
H	Erosion Control and SW3P Narrative					
I	Utility Coordination					
J	Environmental					
K	Public Outreach					
L	Right-of-Way Surveying					
M	Landscape, Streetscape Design, and Urban Design	0 \$0	0 \$0	160 \$16,400	0 \$0	160 \$16,400
N	Geotechnical Engineering and Pavement Design					
O	PS&E Preparation	25 \$4,960	0 \$0	0 \$0	0 \$0	25 \$4,960
P	Bid Phase Services					
Q	Construction Phase Services					
R	Expenses	\$2,675	\$300	\$300	\$0	\$2,153
	Total Hours	444	152	169	0	765
	Total Fee	\$71,057	\$25,993	\$18,200	\$0	\$115,250

100 Percent Design Plans						
A	Project Management	17 \$3,586	6 \$989	5 \$750	0 \$0	27 \$5,325
B	Roadway Design	49 \$6,565	0 \$0	0 \$0	0 \$0	49 \$6,565
C	Drainage Design	0 \$0	144 \$23,937	0 \$0	0 \$0	144 \$23,937
D	Signing and Pavement Marking	18 \$2,795	0 \$0	0 \$0	0 \$0	18 \$2,795
E	Traffic Calming					
F	Traffic Control Plans	14 \$1,770	0 \$0	0 \$0	0 \$0	14 \$1,770
G	Illumination	61 \$10,570	0 \$0	0 \$0	0 \$0	61 \$10,570
H	Erosion Control and SW3P Narrative					
I	Utility Coordination					
J	Environmental					
K	Public Outreach					
L	Right-of-Way Surveying					
M	Landscape, Streetscape Design, and Urban Design	0 \$0	0 \$0	100 \$10,000	0 \$0	100 \$10,000
N	Geotechnical Engineering and Pavement Design					
O	PS&E Preparation	27 \$4,460	0 \$0	0 \$0	0 \$0	27 \$4,460
P	Bid Phase Services					
Q	Construction Phase Services					
R	Expenses	\$500	\$100	\$100	\$0	\$718
	Total Hours	186	150	105	0	440
	Total Fee	\$30,246	\$25,026	\$10,850	\$0	\$66,122
Bid and Construction Phase						
P	Bid Phase Services	52 \$8,790	10 \$2,009	8 \$1,000	0 \$0	70 \$11,799
Q	Construction Phase Services	116 \$19,930	49 \$8,642	24 \$3,000	0 \$0	189 \$31,572
R	Expenses	\$500	\$0	\$0	\$0	\$500
	Total Hours	168	59	32	0	259
	Total Fee	\$29,220	\$10,650	\$4,000	\$0	\$43,870
	Grand Total Hours	2,948	917	713	74	4,652
	Grand Total Fee	\$453,410	\$159,110	\$82,180	\$15,612	\$710,312

Old Fitzhugh Road PS&E

Detailed Summary		HDR	Doucet	MAS	HVJ	TOTAL
A	Project Management					
	Hours	168	56	45	0	269
	Fee	\$35,860	\$9,888	\$7,500	\$0	\$53,248
B	Roadway Design					
	30% Hours	100	0	0	0	100
	30% Fee	\$13,810	\$0	\$0	\$0	\$13,810
	60% Hours	234	0	0	0	234
	60% Fee	\$30,910	\$0	\$0	\$0	\$30,910
	90% Hours	148	0	0	0	148
	90% Fee	\$19,570	\$0	\$0	\$0	\$19,570
	100% Hours	49	0	0	0	49
	100% Fee	\$6,565	\$0	\$0	\$0	\$6,565
	Total Hours	531	0	0	0	531
	Total Fee	\$70,855	\$0	\$0	\$0	\$70,855
C	Drainage Design					
	30% Hours	0	173	0	0	173
	30% Fee	\$0	\$31,080	\$0	\$0	\$31,080
	60% Hours	0	151	0	0	151
	60% Fee	\$0	\$26,157	\$0	\$0	\$26,157
	90% Hours	0	141	0	0	141
	90% Fee	\$0	\$23,716	\$0	\$0	\$23,716
	100% Hours	0	144	0	0	144
	100% Fee	\$0	\$23,937	\$0	\$0	\$23,937
	Total Hours	0	609	0	0	609
	Total Fee	\$0	\$104,890	\$0	\$0	\$104,890
D	Signing and Pavement Marking					
	30% Hours	45	0	0	0	45
	30% Fee	\$5,175	\$0	\$0	\$0	\$5,175
	60% Hours	69	0	0	0	69
	60% Fee	\$9,940	\$0	\$0	\$0	\$9,940
	90% Hours	69	0	0	0	69
	90% Fee	\$9,940	\$0	\$0	\$0	\$9,940
	100% Hours	18	0	0	0	18
	100% Fee	\$2,795	\$0	\$0	\$0	\$2,795
	Total Hours	201	0	0	0	201
	Total Fee	\$27,850	\$0	\$0	\$0	\$27,850
E	Traffic Calming					
	Hours	28	0	0	0	28
	Fee	\$4,280	\$0	\$0	\$0	\$4,280
F	Traffic Control Plans					
	60% Hours	114	0	0	0	114
	60% Fee	\$15,650	\$0	\$0	\$0	\$15,650
	90% Hours	62	0	0	0	62
	90% Fee	\$8,130	\$0	\$0	\$0	\$8,130
	100% Hours	14	0	0	0	14
	100% Fee	\$1,770	\$0	\$0	\$0	\$1,770
	Hours	190	0	0	0	190
	Fee	\$25,550	\$0	\$0	\$0	\$25,550

G	Illumination	30% Hours	102	0	0	0	102
		30% Fee	\$18,030	\$0	\$0	\$0	\$18,030
		60% Hours	178	0	0	0	178
		60% Fee	\$30,370	\$0	\$0	\$0	\$30,370
		90% Hours	106	0	0	0	106
		90% Fee	\$18,610	\$0	\$0	\$0	\$18,610
		100% Hours	61	0	0	0	61
	100% Fee	\$10,570	\$0	\$0	\$0	\$10,570	
	Total Hours	447	0	0	0	447	
	Total Fee	\$77,580	\$0	\$0	\$0	\$77,580	
H	Erosion Control and SW3P Narrative	Hours	92	6	0	0	98
		Fee	\$11,580	\$1,483	\$0	\$0	\$13,063
I	Utility Coordination	Hours	364	0	0	0	364
		Fee	\$61,660	\$0	\$0	\$0	\$61,660
J	Environmental	30% Hours	78	0	0	0	78
		30% Fee	\$10,280	\$0	\$0	\$0	\$10,280
		60% Hours	288	0	0	0	288
		60% Fee	\$34,860	\$0	\$0	\$0	\$34,860
		Hours	366	0	0	0	366
		Fee	\$45,140	\$0	\$0	\$0	\$45,140
			Total Hours	366	0	0	0
	Total Fee	\$45,140	\$0	\$0	\$0	\$45,140	
K	Public Outreach	Hours	252	54	40	0	346
		Fee	\$30,420	\$10,249	\$4,480	\$0	\$45,149
L	Right-of-Way Surveying	Hours	0	127	0	0	127
		Fee	\$0	\$19,776	\$0	\$0	\$19,776
M	Landscape, Streetscape Design, and Urban Design	30% Hours	0	0	160	0	160
		30% Fee	\$0	\$0	\$18,400	\$0	\$18,400
		60% Hours	0	0	180	0	180
		60% Fee	\$0	\$0	\$20,400	\$0	\$20,400
		90% Hours	0	0	160	0	160
		90% Fee	\$0	\$0	\$16,400	\$0	\$16,400
		100% Hours	0	0	100	0	100
	100% Fee	\$0	\$0	\$10,000	\$0	\$10,000	
	Total Hours	0	0	600	0	600	
	Total Fee	\$0	\$0	\$65,200	\$0	\$65,200	
N	Geotechnical Engineering and Pavement Design	Hours	36	6	0	74	116
		Fee	\$8,640	\$1,174	\$0	\$15,612	\$25,426
O	PS&E Preparation	30% Hours	27	0	0	0	27
		30% Fee	\$5,460	\$0	\$0	\$0	\$5,460
		60% Hours	26	0	0	0	26
		60% Fee	\$5,220	\$0	\$0	\$0	\$5,220
		90% Hours	25	0	0	0	25
		90% Fee	\$4,960	\$0	\$0	\$0	\$4,960
		100% Hours	27	0	0	0	27
	100% Fee	\$4,460	\$0	\$0	\$0	\$4,460	
	Total Hours	105	0	0	0	105	
	Total Fee	\$20,100	\$0	\$0	\$0	\$20,100	
P	Bid Phase Services	Total Hours	52	10	8	0	70
		Total Fee	\$8,790	\$2,009	\$1,000	\$0	\$11,799
Q	Construction Phase Services						

	Total Hours	116	49	24	0	189
	Total Fee	\$19,930	\$8,642	\$3,000	\$0	\$31,572
R Expenses	Fee	\$5,175	\$1,000	\$1,000	\$0	\$7,175
	TOTAL HOURS	2,948	917	717	74	4,656
	TOTAL FEE	\$453,410	\$159,110	\$82,180	\$15,612	\$710,312

HDR Engineering, Inc.

	Proj Principal	Proj Manager	QC Manager	Sr. Light Engr	Sr. Engr	Proj Engr	EIT	Se. Utility Engr	Sr. Utility Coordinat or	Utility Coordinat or	Sr. Real Estate Lead	Sr. Real Estate Spec	Real Estate Spec	Sr. Env Lead	Sr. Env. Scientist	Env Scientist	Public Involvement Manager	Public Involvement Coordinator	Graphic Designer I	GIS Analyst	Sr. CADD Tech	CADD Tech	Arch/Histo rian	Admin Asst	TOTAL		
2022 TIRZ RATES - DRAFT w 2023 Escalation	\$310	\$260	\$250	\$250	\$240	\$175	\$125	\$250	\$220	\$160	\$300	\$150	\$120	\$200	\$150	\$115	\$130	\$125	\$105	\$130	\$150	\$115	\$95	\$95			
A Project Management																											
A. Coordination with City		30				30																				60	
B. Invoicing and Schedule Updates		16																							8	24	
C. Subconsultant Coordination, Deliverables Review and Invoices		30				30																			8	68	
D. Quality Assurance / Quality Control		8	8																							16	
Task Subtotal Hours	0	84	8	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	168	
Task Subtotal Fee	\$0	\$21,840	\$2,000	\$0	\$0	\$10,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,520	\$35,860	
B Roadway Design																											
<u>30% Plans</u>																											
A. Title Sheet and Index of Sheets																											4
B. Typical Sections						2																				4	6
C. Project Layout						2	2																			4	8
D. Horizontal Alignment Data Sheets:						2																				8	10
E. Roadway Plan & Profile						4	24																			20	48
F. Intersection Layouts - Cross Streets																										0	0
G. Driveway Plan & Profiles																										0	0
H. Removal Layouts																										0	0
I. Pedestrian and Bicycle Facilities						2	5																			7	7
J. Roadway Cross Sections																										0	0
K. Miscellaneous Detail Sheets																										0	0
L. Quantity Summary Sheets																										0	0
M. Standards Selection																										0	0
N. 30% PSE Submittal QC and Prepare			4		4	4																				5	17
Task Subtotal Hours	0	0	4	0	4	16	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	100	
30% Subtotal Fee	\$0	\$0	\$1,000	\$0	\$960	\$2,800	\$3,875	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,175	\$13,810
<u>60% Plans</u>																											
A. Title Sheet and Index of Sheets																											0
B. Typical Sections						2																				8	10
C. Project Layout							2																			2	4
D. Horizontal Alignment Data Sheets:																										4	4
E. Roadway Plan & Profile					4	4	16																			4	54
F. Intersection Layouts - Cross Streets						2	8																			6	16
G. Driveway Plan & Profiles						2	8																			4	14
H. Removal Layouts						2	8																			12	22
I. Pedestrian and Bicycle Facilities						2	8																			10	20
J. Roadway Cross Sections																										40	40
K. Miscellaneous Detail Sheets						2	4																			6	6
L. Quantity Summary Sheets						2	4																			10	16
M. Standards Selection							2																				2
N. 60% PSE Submittal QC and Prepare			8		4	4																				10	26
Task Subtotal Hours	0	0	8	0	4	4	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136	234	
60% Subtotal Fee	\$0	\$0	\$2,000	\$0	\$1,920	\$3,850	\$7,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,640	\$30,910	
<u>90% Plans</u>																											
A. Title Sheet and Index of Sheets																											0
B. Typical Sections																										2	2
C. Project Layout																										2	2
D. Horizontal Alignment Data Sheets:																										2	2
E. Roadway Plan & Profile					2	2	8																			20	32
F. Intersection Layouts - Cross Streets						2	4																			4	10
G. Driveway Plan & Profiles						2	2																			4	8
H. Removal Layouts							4																			10	14
I. Pedestrian and Bicycle Facilities						2	4																			8	14
J. Roadway Cross Sections																										20	20
K. Miscellaneous Detail Sheets						2	4																			6	6
L. Quantity Summary Sheets						2	4																			10	16
M. Standards Selection						2																					2
N. 90% Final PSE Submittal QC and Prepare			4		4	2																				10	20
Task Subtotal Hours	0	0	4	0	6	16	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92	148	
90% Subtotal Fee	\$0	\$0	\$1,000	\$0	\$1,440	\$2,800	\$3,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,580	\$19,570	

<u>100% Plans</u>																									
A. Title Sheet and Index of Sheets																									0
B. Typical Sections																									0
C. Project Layout																									0
D. Horizontal Alignment Data Sheets:																									0
E. Roadway Plan & Profile						2																			6
F. Intersection Layouts - Cross Streets																									6
G. Driveway Plan & Profiles																						2			4
H. Removal Layouts																									0
I. Pedestrian and Bicycle Facilities																									4
J. Roadway Cross Sections																									4
K. Miscellaneous Detail Sheets																									4
L. Quantity Summary Sheets																									8
M. Standards Selection																									4
N. Final PSE Submittal QC and Prepare																									9
Task Subtotal Hours	0	0	4	0	2	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	49
100% Subtotal Fee	\$0	\$0	\$1,000	\$0	\$480	\$0	\$1,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29	\$6,565
Task Subtotal Hours	0	0	20	0	20	54	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	302	531
Task Subtotal Fee	\$0	\$0	\$5,000	\$0	\$4,800	\$9,450	\$16,875	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,730	\$70,855
C Drainage Design																									
Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D Signing and Pavement Marking																									
<u>30% Plans</u>																									
30% - Signing and Pavement Marking																									40
30% - Quantity Summary																									5
Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
30% Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,175
<u>60% Plans</u>																									
60% - Signing and Pavement Marking			2	2			15																		40
60% - Quantity Summary			2	1			2																		5
Task Subtotal Hours	0	4	3	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	
60% Subtotal Fee	\$0	\$1,040	\$750	\$0	\$0	\$2,975	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,175
<u>90% Plans</u>																									
90% - Signing and Pavement Marking			2	2			15																		40
90% - Quantity Summary			2	1			2																		5
Task Subtotal Hours	0	4	3	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	
90% Subtotal Fee	\$0	\$1,040	\$750	\$0	\$0	\$2,975	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,175
<u>100% Plans</u>																									
100% Final			2	1			5																		10
Task Subtotal Hours	0	2	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
100% Subtotal Fee	\$0	\$520	\$250	\$0	\$0	\$875	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,150
Task Subtotal Hours	0	10	7	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145	
Task Subtotal Fee	\$0	\$2,600	\$1,750	\$0	\$0	\$6,825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,675
E Traffic Calming																									
A. Evaluation of options and coordination w/ City			4				4																		8
B. Develop final plan sheet details							4																		8
Task Subtotal Hours	0	4	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
Task Subtotal Fee	\$0	\$1,040	\$0	\$0	\$0	\$1,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,840
F Traffic Control Plans																									
<u>60% Plans</u>																									
A. Overall Phasing Plan			2				4	4																	4
B. Traffic Control Narrative							4	8																	4
C. Traffic Control Phasing Layouts			2				16	40																	24
D. Standard Selection																									2
Task Subtotal Hours	0	4	0	0	0	24	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
60% Subtotal Fee	\$0	\$1,040	\$0	\$0	\$0	\$4,200	\$6,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34
Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

90% Plans																								
A. Overall Phasing Plan						2	4														2			8
B. Traffic Control Narrative						2	8														4			14
C. Traffic Control Phasing Layouts						8	16														16			40
D. Standard Selection																								0
Task Subtotal Hours	0	0	0	0	0	12	28	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	62
90% Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$2,100	\$3,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,530	\$0	\$0	\$8,130
100% Plans																								
A. Overall Phasing Plan																								0
B. Traffic Control Narrative																								0
C. Traffic Control Phasing Layouts						2	4														8			14
D. Standard Selection																								0
Task Subtotal Hours	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	14
100% Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$350	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$920	\$0	\$0	\$1,770
Task Subtotal Hours	0	4	0	0	0	38	84	0	0	0	0	0	0	0	0	0	0	0	0	0	64	0	0	190
Task Subtotal Fee	\$0	\$1,040	\$0	\$0	\$0	\$6,650	\$10,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,360	\$0	\$0	\$25,550
G Illumination																								
30% Plans																								
Perform Google Earth Site Survey and Analysis					1	2																		3
Utility Power Company Coordination					2	8																		10
Photometrics Analysis					1	8															2			11
Overcurrent Protection and Voltage Drop Analysis					1	2																		3
Electrical Service Load Analysis					1	2															2			5
Illumination Summary & General Notes					2	2															2			6
Illumination Removal Layouts					1	4															2			7
Illumination Layouts					2	12															6			20
Illumination Details					1	4															2			7
Illumination Schematic					1	4															2			7
City and/or TxDOT Standards & Specifications					1	4															2			7
Cost Estimate					1	2																		3
QAQC					2	2															1			5
Review Comment Responses					2	2															1			5
Attend Review Meetings					1	2																		3
Task Subtotal Hours	0	0	0	20	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	102
30% Subtotal Fee	\$0	\$0	\$0	\$5,000	\$0	\$10,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,530	\$0	\$0	\$18,030
60% Plans																								
Perform Google Earth Site Survey and Analysis						2																		2
Utility Power Company Coordination					1	8																		9
Photometrics Analysis					1	20															6			27
Overcurrent Protection and Voltage Drop Analysis					2	4																		6
Electrical Service Load Analysis					2	4															2			8
Illumination Summary & General Notes					2	4															2			8
Illumination Removal Layouts					1	8															2			11
Illumination Layouts					2	30															16			48
Illumination Details					1	12															2			15
Illumination Schematic					1	12															4			17
City and/or TxDOT Standards & Specifications					1	8															2			11
Cost Estimate					1	2																		3
QAQC					2	2															1			5
Review Comment Responses					2	2															1			5
Attend Review Meetings					1	2																		3
Task Subtotal Hours	0	0	0	20	0	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	0	0	178
60% Subtotal Fee	\$0	\$0	\$0	\$5,000	\$0	\$21,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,370	\$0	\$0	\$30,370
90% Plans																								
Utility Power Company Coordination					1	4																		5
Photometrics Analysis					1	10															2			13
Overcurrent Protection and Voltage Drop Analysis					2	2																		4
Electrical Service Load Analysis					2	2															2			6
Illumination Summary & General Notes					2	2															2			6
Illumination Removal Layouts					1	2															2			5
Illumination Layouts					2	20															8			30
Illumination Details					1	4															2			7
Illumination Schematic					1	4															2			7
City and/or TxDOT Standards & Specifications					1	4															2			7
Cost Estimate					1	2																		3
QAQC					2	2															1			5
Review Comment Responses					2	2															1			5
Attend Review Meetings					1	2																		3
Task Subtotal Hours	0	0	0	20	0	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	106
90% Subtotal Fee	\$0	\$0	\$0	\$5,000	\$0	\$10,850	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,760	\$0	\$0	\$18,610

L Right-of-Way Surveying																									
A.Right-of-Way Mapping Survey & R.O.E.																									
B.Storm Drain (4) and Trail (2) Easement Descriptions Survey																									
C.Storm Drain (4) and Trail (2) Topographic and Tree Survey & Utilities																									
C.Right-of-Way Supplemental Topographic and Tree Survey & Control Survey																									
Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
M Landscape, Streetscape Design, and Urban Design																									
Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N Geotechnical Engineering and Pavement Design																									
Manage Subconsultant and Site Visit																									
Draft Pavement Design Memorandum																									
Final Pavement Design Memorandum																									
Task Subtotal Hours	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Task Subtotal Fee	\$0	\$0	\$0	\$0	\$8,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,640
O PS&E Preparation																									
<u>30% Plans</u>																									
Plans and Estimate:																									
Contract Time Determination																									
QA/QC Reviews																									
Task Subtotal Hours	0	1	10	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	27
30% Subtotal Fee	\$0	\$1,040	\$2,500	\$0	\$720	\$0	\$625	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$575	\$0	\$0	\$5,460
<u>60% Plans</u>																									
Plans and Estimate:																									
Contract Time Determination																									
QA/QC Reviews																									
Task Subtotal Hours	0	1	10	0	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	26
60% Subtotal Fee	\$0	\$1,040	\$2,500	\$0	\$480	\$0	\$625	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$575	\$0	\$0	\$5,220
<u>90% Plans</u>																									
Specifications and General Notes																									
Plans and Estimate:																									
Contract Time Determination																									
QA/QC Reviews																									
Task Subtotal Hours	0	2	10	0	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	25
90% Subtotal Fee	\$0	\$780	\$2,500	\$0	\$480	\$0	\$625	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$575	\$0	\$0	\$4,960
<u>100% Plans</u>																									
Specifications and General Notes																									
Plans and Estimate:																									
Contract Time Determination																									
QA/QC Reviews																									
Task Subtotal Hours	0	2	4	0	2	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	27
100% Subtotal Fee	\$0	\$780	\$1,000	\$0	\$480	\$0	\$1,625	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$575	\$0	\$0	\$4,460
Task Subtotal Hours	0	14	34	0	9	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	105
Task Subtotal Fee	\$0	\$3,640	\$8,500	\$0	\$2,160	\$0	\$3,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,300	\$0	\$0	\$20,100
P Bid Phase Services																									
Prepare Bid Manual																									
Prepare for and attend Pre Bid Meeting																									
Prepare and Distribute Addendum																									
Prepare Bid Tab and Letter of Recommendation																									
Task Subtotal Hours	0	4	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	10	52
Task Subtotal Fee	\$0	\$2,600	\$0	\$0	\$0	\$4,550	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$690	\$0	\$950	\$8,790
Q Construction Phase Services																									
Pre-Construction Meeting																									
Review of Contractor Submittals																									
Construction Site Visits																									
Requests for Information																									
Final Walk-Through / Punch List																									
As-Built Plans																									
Project Management																									
Task Subtotal Hours	0	2	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	4	6	116
Task Subtotal Fee	\$0	\$5,720	\$0	\$0	\$0	\$10,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,760	\$380	\$570	\$19,930
R Expenses																									
Printing																									
Mileage																									
TDLR Accessibility Review - Altura																									
Task Subtotal Fee																									\$5,175
TOTAL HOURS	0	148	85	73	65	569	395	26	64	138	0	0	0	10	86	128	48	88	76	98	0	731	88	32	2948
TOTAL FEE	\$0	\$38,480	\$21,250	\$18,250	\$15,600	\$99,575	\$49,375	\$6,500	\$14,080	\$22,080	\$0	\$0	\$0	\$2,000	\$12,900	\$14,720	\$6,240	\$11,000	\$7,980	\$12,740	\$0	\$84,065	\$8,360	\$3,040	\$453,410

Doucet & Associates

	Principal	Sr. PM	Senior Project Engineer	Project Engineer II	Engineer Associate II	Senior Civil Technician	Civil Technician	Survey Project Manager (RPLS)	Senior Survey Technician	GIS Specialist	Two-Person Field Crew	Three-Person Field Crew	Party Chief-Time Basis	Administrative Assistant	LiDAR Scanner	TOTAL
2022 TIRZ RATES - DRAFT w 2023 Escalation	\$273	\$247	\$201	\$170	\$139	\$155	\$134	\$227	\$139	\$139	\$165	\$216	\$118	\$108	\$108	
A Project Management																
A. Coordination with City		12		8												20
B. Invoicing and Schedule Updates		12												24		36
C. Subconsultant Coordination, Deliverables Review and Invoices																0
D. Quality Assurance / Quality Control																0
Task Subtotal Hours	0	24	0	8	0	0	0	0	0	0	0	0	0	24	0	56
Task Subtotal Fee	\$0	\$5,933	\$0	\$1,360	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,596	\$0	\$9,888
B Roadway Design																
Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C Drainage Design																
<u>30% Plans</u>																
Data Collection and field work		4	2	8												14
Hydrologic and Hydraulic design		1	1	4												6
Storm Drain analyses and design, including outfall		4	1	16												21
Storm Drain Hydrologic and Hydraulic Tables		1	1	4												6
Storm Water Detention Analysis and Design		4	1	12												17
Water Quality and Rain garden/bioretention design		8	2	20												30
Plan Sheets for Drainage Design	2	4	1	20		20	20									67
Stormwater Report		2	2	8												12
Task Subtotal Hours	2	28	11	92	0	20	20	0	0	0	0	0	0	0	0	173
30% Subtotal Fee	\$546	\$6,922	\$2,209	\$15,635	\$0	\$3,090	\$2,678	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,080
<u>60% Plans</u>																
Hydrologic and Hydraulic design		1	1	2												4
Storm Drain analyses and design, including outfall		1	1	8												10
Storm Drain Hydrologic and Hydraulic Tables		1	1	2												4
Storm Water Detention Analysis and Design		2	2	8												12
Water Quality and Rain garden/bioretention design		8	2	8												18
Plan Sheets for Drainage Design	2	8	2	24		20	40									96
Stormwater Report		1	2	4												7
Task Subtotal Hours	2	22	11	56	0	20	40	0	0	0	0	0	0	0	0	151
60% Subtotal Fee	\$546	\$5,438	\$2,209	\$9,517	\$0	\$3,090	\$5,356	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,157
<u>90% Plans</u>																
Hydrologic and Hydraulic design		1	1	4												6
Storm Drain analyses and design, including outfall		1	1	12												14
Storm Drain Hydrologic and Hydraulic Tables		1	1	2												4
Storm Water Detention Analysis and Design		2	1	12												15
Water Quality and Rain garden/bioretention design		4	1	12												17
Plan Sheets for Drainage Design		4	1	12		20	40									77
Stormwater Report	2	1	1	4												8
Task Subtotal Hours	2	14	7	58	0	20	40	0	0	0	0	0	0	0	0	141
90% Subtotal Fee	\$546	\$3,461	\$1,406	\$9,857	\$0	\$3,090	\$5,356	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,716
<u>100% Plans, Permitting, Bid Support, Specifications</u>																
Hydrologic and Hydraulic design		0	1	1												2
Storm Drain analyses and design, including outfall		0	1	4												5
Storm Drain Hydrologic and Hydraulic Tables		0	1	1												2
Storm Water Detention Analysis and Design		1	1	8												10
Water Quality and Rain garden/bioretention design		2	1	8												11
Plan Sheets for Drainage Design	1	2	1	8		16	24									52
Stormwater Report		1	1	4												6
City of Dripping Springs Permitting/Coordination		8	16	16		16	16									56
Task Subtotal Hours	1	14	7	50	0	32	40	0	0	0	0	0	0	0	0	144
100% Subtotal Fee	\$273	\$3,461	\$1,406	\$8,498	\$0	\$4,944	\$5,356	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,937
Task Subtotal Hours	7	78	36	256	0	92	140	0	0	0	0	0	0	0	0	609
Task Subtotal Fee	\$1,911	\$19,282	\$7,231	\$43,507	\$0	\$14,214	\$18,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$104,890

D	Signing and Pavement Marking																		
		Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E	Traffic Calming																		
		Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F	Traffic Control Plans																		
		Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G	Illumination																		
		Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
H	Erosion Control and SW3P Narrative																		
	A. SW3P Narrative Sheet			4															4
	B. Erosion Control Sheets																		0
	C. Quantity Summary Sheets																		0
	D. Standards Selection			2															2
		Task Subtotal Hours	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
		Task Subtotal Fee	\$0	\$1,483	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,483
I	Utility Coordination																		
		Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
J	Environmental																		
		Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
K	Public Outreach																		
	Develop materials, messaging and exhibits for property owner meetings (up to 6)			12		6			8										26
	Summarize documentation and feedback received during property owner meetings and develop meeting summaries (up to 6).			6		6													12
	Provide messaging and graphics support developing powerpoint presentations for stakeholder and board member updates (up to 3)			6		2								8					16
		Task Subtotal Hours	0	24	0	14	0	0	8	0	0	0	0	0	8	0	0	0	54
		Task Subtotal Fee	\$0	\$5,933	\$0	\$2,379	\$0	\$0	\$1,071	\$0	\$0	\$0	\$0	\$0	\$865	\$0	\$0	\$0	\$10,249
L	Right-of-Way Surveying																		
	A.Right-of-Way Mapping Survey & R.O.E.								6	20	1	10			1.5				38.5
	B.Storm Drain (4) and Trail (2) Easement Descriptions Survey								4	21	0.5	4			1				30.5
	C.Right-of-Way Supplemental Topographic and Tree Survey & Control Survey								2	24	0.5	31			0.5				58
		Task Subtotal Hours	0	0	0	0	0	0	12	65	2	45	0	0	3	0	0	0	127
		Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$2,719	\$9,038	\$278	\$7,416	\$0	\$0	\$324	\$0	\$0	\$0	\$19,776
M	Landscape, Streetscape Design, and Urban Design																		
		Task Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Task Subtotal Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N	Geotechnical Engineering and Pavement Design																		
	Soil boring definition and geotech review for water quality basins			2		4													6
		Task Subtotal Hours	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	6
		Task Subtotal Fee	\$0	\$494	\$0	\$680	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,174

P Bid Phase Services																	
Prepare Bid Manual			1		2												3
Prepare for and attend Pre Bid Meeting			2		2												4
Prepare and Distribute Addendum			1		2												3
Prepare Bid Tab and Letter of Recommendation																	0
Task Subtotal Hours	0	4	0	6	0	0	0	0	0	0	0	0	0	0	0	0	10
Task Subtotal Fee	\$0	\$989	\$0	\$1,020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,009
Q Construction Phase Services																	
Pre-Construction Meeting			2		2												4
Review of Contractor Submittals			1		4												5
Construction Site Visits			2		8												10
Requests for Information			1		2												3
Final Walk-Through / Punch List			2		2												4
As-Built Plans			1		4			8									13
Project Management			2		4										4		10
Task Subtotal Hours	0	11	0	26	0	0	8	0	0	0	0	0	0	0	4	0	49
Task Subtotal Fee	\$0	\$2,719	\$0	\$4,419	\$0	\$0	\$1,071	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$433	\$0	\$8,642
R Expenses																	
Printing																	\$800
Mileage																	\$200
Task Subtotal Fee																	\$1,000
TOTAL HOURS	7	149	36	314	0	92	156	12	65	2	45	0	0	39	0	0	917
TOTAL FEE	\$1,911	\$36,833	\$7,231	\$53,364	\$0	\$14,214	\$20,888	\$2,719	\$9,038	\$278	\$7,416	\$0	\$0	\$4,218	\$0	\$0	\$159,110

MCCANN ADAMS STUDIO

		PRINCIPAL	PROJ MGR	CAD	TOTAL
2022 TIRZ RATES - DRAFT		\$200	\$100	\$80	
A	Project Management				
	A. Coordination with City	30	15		45
	B. Invoicing and Schedule Updates				0
	C. Subconsultant Coordination, Deliverables Review and Invoices				0
	D. Quality Assurance / Quality Control				0
	Task Subtotal Hours	30	15	0	45
	Task Subtotal Fee	\$6,000	\$1,500	\$0	\$7,500
B	Roadway Design				
	Task Subtotal Hours	0	0	0	0
	Task Subtotal Fee	\$0	\$0	\$0	\$0
C	Drainage Design				
	Task Subtotal Hours	0	0	0	0
	Task Subtotal Fee	\$0	\$0	\$0	\$0
D	Signing and Pavement Marking				
	Task Subtotal Hours	0	0	0	0
	Task Subtotal Fee	\$0	\$0	\$0	\$0
E	Traffic Calming				
	Task Subtotal Hours	0	0	0	0
	Task Subtotal Fee	\$0	\$0	\$0	\$0
F	Traffic Control Plans				
	Task Subtotal Hours	0	0	0	0
	Task Subtotal Fee	\$0	\$0	\$0	\$0
G	Illumination				
	Task Subtotal Hours	0	0	0	0
	Task Subtotal Fee	\$0	\$0	\$0	\$0
J	<u>Environmental</u>				
	Task Subtotal Hours	0	0	0	0
	Task Subtotal Fee	\$0	\$0	\$0	\$0
K	<u>Public Outreach</u>				
	Develop materials, messaging and exhibits for property owner meetings (up to 6)	8	16	16	40
	Summarize documentation and feedback received during property owner meetings and develop meeting summaries (up to 6).				0
	Provide messaging and graphics support developing powerpoint presentations for stakeholder and board member updates (up to 3)				0
	Task Subtotal Hours	8	16	16	40
	Task Subtotal Fee	\$1,600	\$1,600	\$1,280	\$4,480

L	<u>Right-of-Way Surveying</u>				
		Task Subtotal Hours	0	0	0
		Task Subtotal Fee	\$0	\$0	\$0
M	<u>Landscape, Streetscape Design, and Urban Design</u>				
	<u>30% Plans</u>		40	40	80
		Task Subtotal Hours	40	40	80
		30% Subtotal Fee	\$8,000	\$4,000	\$6,400
	<u>60% Plans</u>		40	60	80
		Task Subtotal Hours	40	60	80
		60% Subtotal Fee	\$8,000	\$6,000	\$6,400
	<u>90% Plans</u>		20	60	80
		Task Subtotal Hours	20	60	80
		90% Subtotal Fee	\$4,000	\$6,000	\$6,400
	<u>100% Plans</u>		10	40	50
		Task Subtotal Hours	10	40	50
		100% Subtotal Fee	\$2,000	\$4,000	\$4,000
		Task Subtotal Hours	110	200	290
		Task Subtotal Fee	\$22,000	\$20,000	\$23,200
N	<u>Geotechnical Engineering and Pavement Design</u>				
		Task Subtotal Hours	0	0	0
		Task Subtotal Fee	\$0	\$0	\$0
O	<u>PS&E Preparation</u>				
		Task Subtotal Hours	0	0	0
		Task Subtotal Fee	\$0	\$0	\$0
P	<u>Bid Phase Services</u>				
	Prepare Bid Manual		1	3	4
	Prepare for and attend Pre Bid Meeting				0
	Prepare and Distribute Addendum		1	3	4
	Prepare Bid Tab and Letter of Recommendation				0
		Task Subtotal Hours	2	6	8
		Task Subtotal Fee	\$400	\$600	\$0
Q	<u>Construction Phase Services</u>				
	Pre-Construction Meeting		1	3	4
	Review of Contractor Submittals		1	3	4
	Construction Site Visits		1	3	4
	Requests for Information		1	3	4
	Final Walk-Through / Punch List		1	3	4
	As-Built Plans		1	3	4
	Project Management				0
		Task Subtotal Hours	6	18	0
		Task Subtotal Fee	\$1,200	\$1,800	\$0
R	<u>Expenses</u>				\$1,000
	Printing				
	Mileage				
		Task Subtotal Fee			\$1,000
		TOTAL HOURS	156	255	306
		TOTAL FEE	\$31,200	\$25,500	\$24,480
					\$82,180

HVJ Associates

Ms. Ms. Leslie, Pollack, P.E., PTOE
AG21 10392
November 24, 2021 *(Revised December 21 and December 22, 2021)*

Geotechnical Investigation					
Old Fitzhugh Road (Revised December 22, 2021)					
HDR					
HVJ Proposal No. AG 19 10392					
TABLE 1					
GEOTECHNICAL INVESTIGATION BREAKDOWN					
Field Investigation					
1.1 Rig Mobilization (maximum of one per project assignment)	1	@	\$600.00	Per ea	\$600.00
1.3.1 Soil Drilling 0' to 25' depth (includes back-filling)	70	@	\$25.00	Per ft	\$1,750.00
1.3.5 Shelby Tube (Thin Wall/3") (ASTM D 1587)	35	@	\$30.90	Per ea	\$1,081.50
Backfilling- Bentonite	70	@	\$8.00	Per ea	\$560.00
1.8 Support Track	3	@	\$150.00	Per day	\$450.00
				Sub Total	\$4,441.50
Laboratory Testing - Standard					
2.1 Moisture Content	10	@	\$25.00	Per ea	\$250.00
2.3 Atterberg Limits (Liquid and Plastic Limits) (ASTM D4318), each	10	@	\$85.00	Per ea	\$850.00
2.5 Percent Passing No. 200 Sieve (ASTM D 422; Tex-110-E)	10	@	\$60.00	Per ea	\$600.00
2.10 Moisture Density Relationship	1	@	\$280.00	Per ea	\$280.00
2.40 CBR of Laboratory-Compacted Soils (ASTM D 1883)(includes 3 points)	1	@	\$500.00	Per ea	\$500.00
3.1.2 Soluble Sulfate (Tex-145-E)	3	@	\$65.00	Per ea	\$195.00
				Sub Total	\$2,675.00
Infiltration Testing					
Staff Engineer	16	@	\$105.00	/hr	\$1,680.00
Engineering Technician	10	@	\$75.00	/hr	\$750.00
Equipment Rental	1	@	\$200.00	per day	\$200.00
				Sub Total	\$2,630.00
Geotechnical Field Work and Investigation Report					
Principal - Muhammad Mustafa	1	@	\$275.00	/hr	\$275.00
Geotechnical Engineering Manager - Jason Schwarz	4	@	\$235.00	/hr	\$940.00
Project Engineer	9	@	\$150.00	/hr	\$1,350.00
Staff Engineer	28	@	\$105.00	/hr	\$2,940.00
Engineering Technician	6	@	\$60.00	/hr	\$360.00
				Sub-Total	\$5,865.00
				Grand Total	\$15,611.50