

IWSD Utility Costs Caused by Collier Drainage Projects

8/14/2023

Letters Correspond Collier County Utility Conflicts Summary Map

Utility Item	Unit	Estimated Unit Cost	Letters Correspond Collier County Utility Conflicts Summary Map											Conflict Costs From Transportation Est. Costs	Conflict Costs From Drainage	Conflict Costs From Swale
			A	B	C	D	E	F	F	F	G	H	I			
Mobilization & General Conditions	LS	\$120,894	\$817	\$10,603	\$96,899	\$105,000	\$0	\$14,600	\$14,600	\$45,868	\$4,358	TBD	\$137,880	\$137,880	\$137,880	
Preconstruction Audio/Video Recording	LS	\$5,458	\$0	\$0	\$5,458	\$4,600	\$0	\$5,000	\$5,000	\$3,287	\$5,458	TBD	\$11,420	\$11,420	\$11,420	
Preparation of As-Built Drawings	LS	\$11,992	\$0	\$0	\$11,992	\$7,500	\$0	\$5,000	\$5,000	\$4,602	\$11,992	TBD	\$19,360	\$19,360	\$19,360	
<b>Swale/Transportation Items</b>																
Adjust Valve Box to Grade	EA	\$914	19	0	6	28	43	0	15	4	18	0	TBD		\$ 121,562	
Adjust MH Rim to Grade	EA	\$2,701	0	0	3	8	33	0	10	5	1	0	TBD	\$162,060		
Adjust Sewer Cleanout to Grade	EA	\$575	0	0	0	0	0	0	0	0	1	0	TBD		\$ 575	
Adjust Fire Hydrant Valve to Grade	EA	\$1,247	0	0	0	0	0	0	0	0	0	0	TBD		\$ 28,681	
Water Service, Meter & Backflow Adjustment	EA	\$6,131	0	0	10	0	1	0	0	0	7	0	TBD	\$110,358		
Water Meter and Backflow Relocation	EA	\$3,283	0	0	0	0	0	0	0	0	3	0	TBD	\$9,849		
Relocate WM and Backflow away from Sidewalk	EA	\$6,500	0	0	0	0	0	0	0	1	0	0	TBD	\$6,500		
Relocate Fire Hydrant (Existing Valve)	EA	\$7,323	0	0	0	5	0	0	5	1	3	0	TBD	\$102,522		
Relocate Fire Hydrant (New Valve)	EA	\$8,500	0	0	0	0	0	0	0	0	1	0	TBD	\$8,500		
Remove Bollards	EA	\$1,093	0	0	2	0	46	0	12	0	2	0	TBD	\$77,288		
Relocate Bollards	EA	\$5,195	0	0	4	0	0	0	0	0	0	0	TBD	\$20,780		
<b>Drainage (Storm Piping) Items</b>																
Water Service, Meter & Backflow Adjustment	EA	\$5,239	9	0	0	7	0	0	9	0	0	0	TBD		\$130,975	
Water Service Line Vertical Adjustment Only	EA	\$2,134	0	0	0	0	0	0	3	0	1	0	TBD		\$8,536	
Relocate Fire Hydrant	EA	\$7,323	0	0	0	5	0	0	0	0	0	0	TBD		\$36,615	
Adjust Fire Hydrant to Grade	EA	\$7,323	0	0	0	3	0	0	0	0	0	0	TBD		\$21,969	
Install new hydrant assembly	EA	\$7,323	1	0	0	0	0	0	0	0	0	0	TBD		\$7,323	
Remove Bollards	EA	\$1,093	0	0	0	0	0	0	0	0	0	0	TBD			
Adjust Bollards	EA	\$2,185	0	0	0	0	0	0	0	0	1	0	TBD		\$2,185	
Relocate Bollards	EA	\$5,195	0	0	0	6	0	0	0	0	1	0	TBD		\$36,365	
Relocate Water Main Valve	EA	\$7,323	0	0	0	3	0	0	0	0	0	0	TBD		\$21,969	
Water Main Vertical Deflection	EA	\$8,171	4	1	1	29	16	0	1	0	1	1	TBD		\$441,234	
Water Main Horizontal Deflection	EA	\$8,171	0	0	0	11	0	0	0	2	1	1	TBD		\$122,565	
Water Main Hor&Vert Deflection	EA	\$12,260	0	0	0	11	0	0	0	0	0	0	TBD		\$134,860	
Force Main Vertical Deflection	EA	\$8,171	0	0	0	10	0	0	0	0	0	2	TBD		\$98,052	
Force Main Horizontal Deflection	EA	\$8,171	0	0	0	3	0	0	0	0	0	0	TBD		\$24,513	
Force Main Hor&Vert Deflection	EA	\$12,260	0	0	0	1	0	0	0	0	0	0	TBD		\$12,260	
Sewer Lateral Deflection	EA	\$6,091	0	0	0	0	1	0	0	0	0	0	TBD		\$7,500	
Concrete Encase Main	EA	\$1,000	0	0	0	3	0	0	0	0	0	0	TBD		\$3,000	
Install ARV on Pipe	EA	\$5,450	0	0	0	8	0	0	0	0	0	2	TBD		\$54,500	
Conflict Structure	EA	\$10,000	9	0	0	11	0	0	0	0	0	0	TBD		\$200,000	
Install 8" gate valve	EA	\$8,500	20	0	0	0	0	0	0	0	0	0	TBD		\$170,000	
New 8" water main	LF	\$125	4220	0	0	0	0	0	0	0	0	0	TBD		\$527,500	
Grout and abandon 8" water main	LF	\$5	4275	0	0	0	0	0	0	0	0	0	TBD		\$21,375	
Connection to existing	EA	\$15,000	2	0	0	0	0	0	0	0	0	0	TBD		\$30,000	
Remove existing valves	EA	\$2,000	25	0	0	0	0	0	0	0	0	0	TBD		\$50,000	
Relocated Fire Hydrant	EA	\$7,323	6	0	0	0	0	0	0	0	0	0	TBD		\$43,938	
Asphalt Restoration	SY	\$156	1100	0	0	0	0	0	0	125	0	0	TBD	\$19,500	\$171,600	
<b>Individual Project Totals (No Contingency)</b>		<b>\$1,347,281</b>	<b>\$8,988</b>	<b>\$116,637</b>	<b>\$1,083,344</b>	<b>\$478,383</b>	<b>\$0</b>	<b>\$191,775</b>	<b>\$65,426</b>	<b>\$195,762</b>	<b>\$65,393</b>	<b>TBD</b>	<b>\$666,517</b>	<b>\$1,552,581</b>	<b>\$1,333,891</b>	
<b>Individual Contingency</b>		<b>\$404,184</b>	<b>\$2,696</b>	<b>\$34,991</b>	<b>\$325,003</b>	<b>Actual</b>	<b>\$0</b>	<b>\$28,766</b>	<b>\$10,142</b>	<b>Actual</b>	<b>\$19,618</b>	<b>TBD</b>				
<b>Total with Contingency</b>		<b>\$1,751,465</b>	<b>\$11,685</b>	<b>\$151,629</b>	<b>\$1,408,347</b>	<b>\$478,383</b>	<b>\$0</b>	<b>\$220,541</b>	<b>\$75,568</b>	<b>\$195,762</b>	<b>\$85,010</b>	<b>TBD</b>				
<b>Grand Total</b>														<b>\$4,378,389</b>		

Project Plans		Plan %
A	Lake Trafford Rd West	100%
B	Carson Rd Sidewalk	60%
C	Eden Park Elementary Sidewalk	90%
D	Lake Trafford Rd East	90%
E	Tiger Grant Area 2	Construction Cost
F	Tiger Grant Area 3A	100%
F	Tiger Grant Area 3B	90%
F	Tiger Grant Area 3C	90%
G	Tiger Grant Area 1	Construction Cost
H	Tiger Grant Area 5	90%
I	Tiger Grant Area 4	0%

Notes

1. Dollars are rounded to the nearest whole number
2. Numbers based on current plans and subject to change
3. Tiger Grant Areas 1 and 2 are actual construction costs
4. Unit Costs are based on bid prices for work in Tiger Grant Areas 1 & 2
5. TBD - Plans to be submitted at a later date
6. Tiger Grant Area 1 and 2 Unit Prices are actual and not the same as those listed
7. Future Utility projects denoted on the Utility Conflicts Summary Map are not included due to the plans not being available at this time