

**Midway City 2020 Master Plan Update
Proposed Scope of Work Man-Hours**

		Contract Total	Total	Hours	Hours	Hours	Hours	Hours	Hours
		Amount	Hours	Engineer (Wes)	Engineer (Joe/Willa)	Engineer (Kody)	CAD Tech	Secretary	Inspector
Labor rate				\$153	\$140	\$114	\$81	\$60	\$77
Task 1	General Master Plan Update								
1.01	ERU Data Collection, Update, and Projections	\$381	3	1		2			
1.02	City Future Boundary Update and Map	\$924	8	2		4	2		
1.03	Census Update and Population Projections	\$495	4	1		3			
1.04	Future Landuse Projections and Density Calculations	\$381	3	1		2			
1.05	General Meetings with Midway City	\$1,068	8	4		4			
1.06	20 Year Projections: Update Spreadsheets & 6 Yr Expenditures	\$267	2	1		1			
1.07	Chapters 1 Revisions and Executive Summary	\$996	9	2		5		2	
Total Dollars Task 1		\$4,512.00	37	12	0	21		2	
Task 2	Streets - Master Plan Update								
2.01	Street Cross Sections: Incorporate New Code Requirements & Design Criteria	\$2,715	25	5		10	10		
2.02	Street Capacity Analysis: Check Traffic against Capacity and Update Sections as needed	\$0	0						
2.03	Trip Generation: Update Requirements	\$876	7	2		5			
2.04	Streets Projects: Location and Cost Update	\$1,905	15	5		10			
2.05	Operation & Maintenance Projects: Incorporate Known Yearly Maintenance Projects (i.e. striping, crack seal, etc.) - Use 10 Year Maintenance Plan	\$0	0						
2.06	Master Plan Road Classification Map	\$1,785	20			5	15		
2.07	Impact Fee Analysis: Update Spreadsheets	\$1,335	10	5		5			
2.08	Meet with Midway City	\$1,374	10	6		4			
2.09	Document Additions & Revisions	\$1,746	17	2		10		5	
Total Dollars Task 2		\$11,736.00	104	25	0	49	25	5	
Task 3	Culinary Water - Master Plan Update								
3.01	Water Connection Data	\$228	2			2			
3.02	Water Modeling: Update Existing Model as needed and Future Model Update	\$6,840	60			60			
3.03	Water Use: Flow Data, State Use Data, Losses	\$723	6	1		5			
3.04	Water Rights: Update Water Right Table & Municipal Conversions	\$4,005	30	15		15			

3.05	Water System: Update Source, Tank, and Systems Information	\$381	3	1		2		
3.06	Water Projects: Location and Cost Update of Each	\$1,905	15	5		10		
3.07	Master Plan Water Line Figures	\$1,938	21	1		5	15	
3.08	Impact Fee Analysis	\$1,905	15	5		10		
3.09	Operation & Maintenance Projects: - Use 10 Year Maintenance Plan	\$762	6	2		4		
3.10	Coordinate with the DEQ	\$990	8	2		6		
3.11	Meetings with Midway City	\$1,674	15	6		4		5
3.12	Document Additions & Revisions	\$2,316	22	2		15		5
Total Dollars Task 3		\$23,667.00	203	40	0	138	15	10
Task 4 Trails System - Master Plan Update								
4.01	Trail Projects (Locations and Lengths)	\$1,926	16	6		6	4	
4.02	Trail Standards and Cross Sections	\$609	5	1		4		
4.03	Master Plan Trails System Update	\$3,354	26	10		16		
4.04	Trail System Figures (Revision)	\$933	9	1		4	4	
4.05	Developer VS City Cost Analysis	\$2,292	16	12		4		
4.06	Impact Fee Analysis for Trails	\$990	8	2		6		
4.07	Meetings with Midway City	\$2,100	15	10		5		
4.08	Document Revisions	\$2,364	18	8		10		
Total Dollars Task 4		\$14,568.00	113	50	0	55	8	0
Task 5 Parks System - Master Plan Update								
5.01	Park Projects (Locations and Sizes)	\$1,296	10	4		6		
5.02	Park Standards and Features	\$609	5	1		4		
5.03	Park System Figures and Maps (new)	\$1,419	15	1		4	10	
5.04	Master Plan Parks System Update	\$840	6	4		2		
5.05	Developer VS City Cost Analysis	\$840	6	4		2		
5.06	Impact Fee Analysis for Parks	\$1,068	8	4		4		
5.07	Meetings with Midway City	\$1,335	10	5		5		
5.08	Document Revisions	\$1,905	15	5		10		
Total Dollars Task 5		\$9,312.00	75	28	0	37	10	0
Task 6 Storm Drain - Master Plan Update								
6.01	Storm Drain Mapping - Update Existing Facilities List and Map	\$0	0					
6.02	Storm Drain Modeling - Model Capital Facility Projects Needed	\$0	0					
6.03	Storm Water Program (1-2 page summary)	\$876	7	2		5		

6.04	Storm Drain Projects - Location and Cost Update:	\$0	0						
6.05	Storm Drain Design Criteria Update	\$0	0						
6.06	Storm Drain Figure: Future Projects	\$0	0						
6.07	Impact Fee Analysis	\$0	0						
6.08	Operation & Maintenance Projects - Incorporate Known Projects:	\$0	0						
6.09	Meet with Midway City	\$0	0						
6.10	Document Additions & Revisions	\$1,566	14	2		10		2	
Total Dollars Task 6		\$2,442.00	21	4	0	15	0	2	
Direct Costs									
	Mileage (\$0.65/mile), Printing, & Contingency	\$5,000.00							
Direct Costs Total		\$5,000.00							
Legal and Grant Critique Fees									
	10 % Contingency for all tasks combined	\$0							
Legal/Grant Total		\$0.00							
Project Total		\$71,237.00	553	159	0	315	58	19	0

Notes:

1. The SOW cost do not include a utility fee analysis.
2. The labor rates shown will be held through the contract completion.
3. No direct costs are included in this fee for legal fees or grant critique fees. These costs will be paid directly by Midway City unless the pass through fee can be determined.
4. No costs are included for meetings and coordination with the City for the Street Section Construction Standards Update.
Any time for meetings with the City to update construction standards will be charged to General Engineering