



PROJECT NAME

Waukesha DPW Geenmeadow Sanitary Interceptor Sewer

DESCRIPTION

Interceptor Sewer Tunnel

PREPARED BY

Patrick Zimmer

DATE

7-Jun-18

HOURLY RATE	\$104	\$78	\$98	\$76	\$145	\$145	\$120	\$98	\$175	\$175				
Task Description	Lead Construction Site Representative	Construction Site Representative	Survey Crew Chief	Surveyor	Construction Manager	Tunneling Expert	Survey Support	CADD / Engineering Technician	Geotechnical Support	Structural Support				
														Fees
1 Meetings	120				83									24,515
2.1 Reviews Submittals of Material when requested	40													4,160
2.2 Shop Drawing Reviews														
2.3 Requests for Information	30													3,120
3 Survey and Construction Staking			300	300			16							54,120
4 Construction Inspection	2,618	807			40									340,927
5 As-built Survey and Records Drawing					30			120						16,110
6 Construction Administration Services	120				60									21,180
Expenses														7,000
TOTAL														\$471,132

Notes/Assumptions

Project is anticipated to start in September 2018 with substantial completion September 20, 2019.

This is approximately 55 weeks of work or 275 days. Assumes 10.5 hours per day for the Lead Construction Site Rep. In addition to the regular work day we are assuming that he will be required for a minimal amount of Saturday work. We estimate 40 hours in total for that work for a total of 2,927.5 hours. Items 1, 2 and 6 above will be completed during the 10.5 hour average work day.

Assume the Construction Site Rep to be on site for the open cut operations progressing at 91' per day to install 6,650'. Assume 10.5 hour days for a total of 807 hours.

Final hours will vary and are dependant on construction schedule and contractors production rates along with means and methods by the contractor. Rates utilized will be based upon the table above. This is a lump sum contract for work addressed on the project from September 4, 2018 through substantial completion September 20, 2019.

Meetings are based upon hours for the preconstruction conference and additional 2 hour meeting by the Construction Manager. Construction Manager will pursue punch list completion and project close out. Anticipate 40 hours for this work.