



Report Schem. of Terre Haute Rev 9-11.dwg 1

CITY OF TERRE HAUTE, INDIANA
 SANITARY SEWER MASTER PLAN
 UPPER THOMPSON DITCH AREA SCHEMATIC
 PROPOSED IMPROVEMENTS

COMMONWEALTH ENGINEERS, INC.

FIGURE
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Thompson Creek Interceptor

- As areas upstream from the existing developments grow, the existing network of sewers and lift stations will become inadequate.
- This interceptor sewer would generally parallel Thompson Creek and would provide sanitary sewer service for un-sewered areas in Sub-basins 38, 39, and 40. A minimum 10" diameter interceptor is recommended based upon current flow projections. This new interceptor would ultimately discharge into a 36" diameter section of the Upper Thompson Ditch Interceptor.
- With the construction of the Thompson Creek Interceptor, it is expected that three pumping stations will be eliminated. These include the Birch Run Lift Station, Blumberg Lift Station, and the Hulman Dam Lift Station. At this time, it is recommended that the upstream end of the Thompson Creek Interceptor terminate near the west end of the Hulman Street Reservoir south of Hulman Street.

Description	Unit	Estimated Quantity	Unit Cost	Estimated Capital Cost
<i>Thompson Creek Interceptor</i>				
8" Dia. Gravity Sewer	L.F.	900	\$70	\$63,000
10" Dia. Gravity Sewer	L.F.	5,200	\$90	\$468,000
Standard Manhole	EA.	22	\$4,000	\$88,000
Granular Backfill	L.F.	400	\$35	\$14,000
Eliminate Birch Run Lift Station	EA.	1	\$10,000	\$10,000
Eliminate Blumberg Lift Station	EA.	1	\$10,000	\$10,000
Eliminate Hulman Dam Lift Station	EA.	1	\$10,000	\$10,000
Paved Surface Restoration	L.F.	200	\$40	\$8,000
Grading and Seeding	L.F.	5,900	\$5	\$29,500
Dewatering	L.S.	1	\$70,050	\$70,050
Erosion Control	L.S.	1	\$14,010	\$14,010
Estimated Construction Cost:				\$784,560
15% Construction Contingency:				\$117,684
Land Acquisition		2.8	\$4,000	\$11,200
Est. Non-Construction Costs @ 25%:				\$196,140
Estimated Total Project Cost:				\$1,109,584