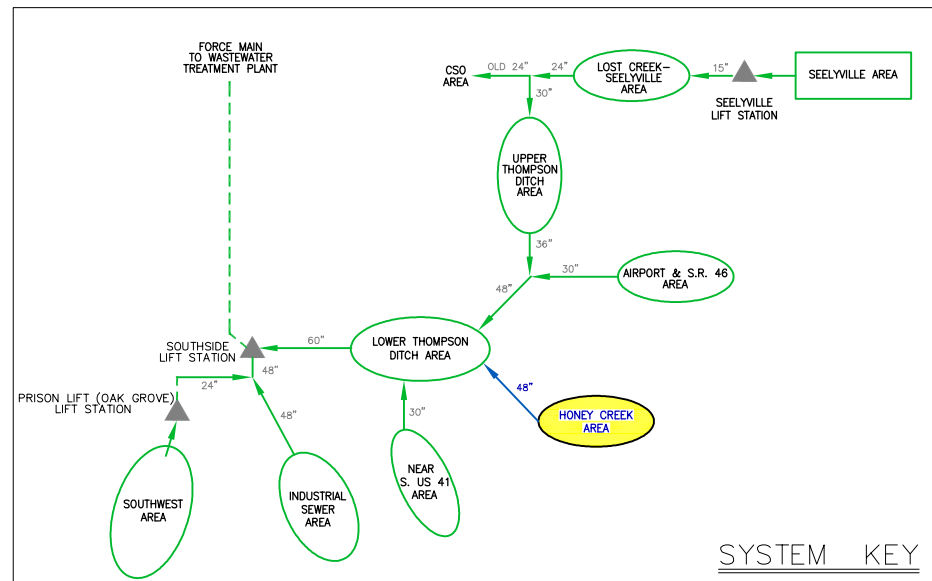


Honey Creek: Idle Creek (54)

LEGEND

- SEWER SUB-BASIN
- UN-SEWERED SUB-BASIN
- SEPARATE SEWER DISTRICT
- EXISTING GRAVITY SEWER
- ▲ EXISTING LIFT STATION
- ▲ EXISTING LIFT STATION (INTERNAL TO SUB-BASIN)
- - - F.M. → EXISTING FORCE MAIN
- PROPOSED GRAVITY SEWER
- ▲ PROPOSED LIFT STATION
- - - F.M. → PROPOSED FORCE MAIN
- /// PROPOSED ABANDONMENT
- AA MODEL FLOW VECTOR

HONEY CREEK SEWER AREA SCHEMATIC – PROPOSED SYSTEM IMPROVEMENTS



SYSTEM KEY

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

CITY OF TERRE HAUTE, INDIANA
 SANITARY SEWER MASTER PLAN
 HONEY CREEK SEWER AREA SCHEMATIC
 PROPOSED IMPROVEMENTS



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FIGURE

24

Upper Honey Creek Interceptor

- The proposed Upper Creek Interceptor is intended to serve the entirety of Sub-basin 54 in the northwest corner of Riley Township. The majority of this sub-basin is presently un-sewered. The exception is the Idle Creek development located at the western end of the sub-basin.
- The Idle Creek subdivision includes three lift stations which discharge to the Eldridge and Ironwood development in Sub-basin 53, where the wastewater is pumped again to a gravity sewer on E. Feree Drive. The Upper Honey Creek Interceptor will ultimately allow for the elimination of three of these lift stations (IC East, IC Eldridge, and the Idle Creek Phase 2 Stations). It will also provide the capacity needed to accommodate residential growth within Sub-basin 54 between Idle Creek and State Road 46. A 24" diameter pipe is recommended for the entire length of the Upper Honey Creek Interceptor.
- It is also prudent to size this interceptor sewer to accept wastewater flow from the Town of Riley at some point in the future, which will serve primarily residential areas within Sub-basins 53 and 54. For this particular area, an 8" sewer is recommended.

Description	Unit	Estimated Quantity	Unit Cost	Estimated Capital Cost
<i>Upper Honey Creek Interceptor Sewer</i>				
8" Dia. Gravity Sewer	L.F.	5,100	\$70	\$357,000
24" Dia. Gravity Sewer	L.F.	10,000	\$220	\$2,200,000
Standard Manhole	EA.	54	\$4,000	\$216,000
Granular Backfill	L.F.	2,800	\$45	\$126,000
Paved Surface Restoration	L.F.	400	\$40	\$16,000
Grading and Seeding	L.F.	14,700	\$5	\$73,500
Eliminate IC East Cart Path Lift Station	EA.	1	\$10,000	\$10,000
Eliminate Eldridge Lift Station	EA.	1	\$10,000	\$10,000
Eliminate Idle Creek Phase 2 Lift Station	EA.	1	\$10,000	\$10,000
Dewatering	L.S.	1	\$301,850	\$301,850
Erosion Control	L.S.	1	\$60,370	\$60,370
Estimated Construction Cost:				\$3,380,720
15% Construction Contingency:				\$507,108
Land Acquisition		5.0	\$4,000	\$20,000
Est. Non-Construction Costs @ 25%:				\$845,180
Estimated Total Project Cost:				\$4,753,008