



INDUSTRIAL SEWER AREA SCHEMATIC – PROPOSED SYSTEM IMPROVEMENTS

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

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

**Industrial:  
 Youngstown NW (200)**

**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

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FIGURE

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## Woodgate South and Youngstown Lift Station Eliminations

- If implemented, the South Honey Creek Interceptor will provide for the elimination of the Woodgate South, Woodgate North, Dallas Road, and Youngstown Lift Stations by the construction of 8", 10", and 15" gravity sewers to Sub-basins 63, 64, & 109.
- Please note that the Honey Creek Sewer Study Area discussion contains more detailed information regarding these lift station eliminations.

Description	Unit	Estimated Quantity	Unit Cost	Estimated Capital Cost
<i>Woodgate North, Woodgate South, , and Youngstown Lift Station Eliminations</i>				
8" Dia. Gravity Sewer	L.F.	6,700	\$70	\$469,000
10" Dia. Gravity Sewer	L.F.	3,000	\$90	\$270,000
15" Dia. Gravity Sewer	L.F.	3,200	\$120	\$384,000
Standard Manhole	EA.	46	\$4,000	\$184,000
Granular Backfill	L.F.	4,550	\$35	\$159,250
Paved Surface Restoration	L.F.	1,600	\$40	\$64,000
Grading and Seeding	L.F.	11,300	\$5	\$56,500
Eliminate Woodgate North Lift Station	L.S.	1	\$10,000	\$10,000
Eliminate Woodgate South Lift Station	L.S.	1	\$10,000	\$10,000
Eliminate Lift Station	L.S.	1	\$10,000	\$10,000
Eliminate Lift Station	L.S.	1	\$10,000	\$10,000
Dewatering	L.S.	1	\$129,340	\$129,340
Erosion Control	L.S.	1	\$25,868	\$25,868
Estimated Construction Cost:				\$1,781,958
15% Construction Contingency:				\$267,294
Est. Non-Construction Costs @ 25%:				\$445,490
<b>Estimated Total Project Cost:</b>				<b>\$2,494,741</b>