



INDUSTRIAL SEWER AREA SCHEMATIC – PROPOSED SYSTEM IMPROVEMENTS

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

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



© 2009 COMMONWEALTH ENGINEERS, INC.

FIGURE

27

West Industrial Park Interceptor

- The West Industrial Park Interceptor is proposed to serve areas north and northwest of the existing Vigo County Industrial Park, including a portion of Sub-basin 83, and Sub-basins 84 and 88. Together, this area consists of a mix of designated residential and industrial land uses, and is not presently provided with sanitary sewer service.
- The West Industrial Park Interceptor is proposed to be 12” in diameter, flowing northward from the center of Sub-basin 88, through Sub-basins 84 and the east portion of Sub-basin 83 before discharging into the existing 48” Industrial Interceptor Sewer (North) near the intersection of W. Battleford Drive and South 1st Street.

Description	Unit	Estimated Quantity	Unit Cost	Estimated Capital Cost
<i>West Industrial Park Interceptor</i>				
12" Dia. Gravity Sewer	L.F.	11,100	\$100	\$1,110,000
Standard Manhole	EA.	41	\$4,000	\$164,000
Granular Backfill	L.F.	1,090	\$35	\$38,150
Paved Surface Restoration	L.F.	120	\$40	\$4,800
Grading and Seeding	L.F.	10,980	\$5	\$54,900
Dewatering	L.S.	1	\$109,748	\$109,748
Erosion Control	L.S.	1	\$21,950	\$21,950
Estimated Construction Cost:				\$1,503,548
15% Construction Contingency:				\$225,532
Land Acquisition		6.4	\$4,000	\$25,600
Est. Non-Construction Costs @ 25%:				\$375,887
Estimated Total Project Cost:				\$2,130,567