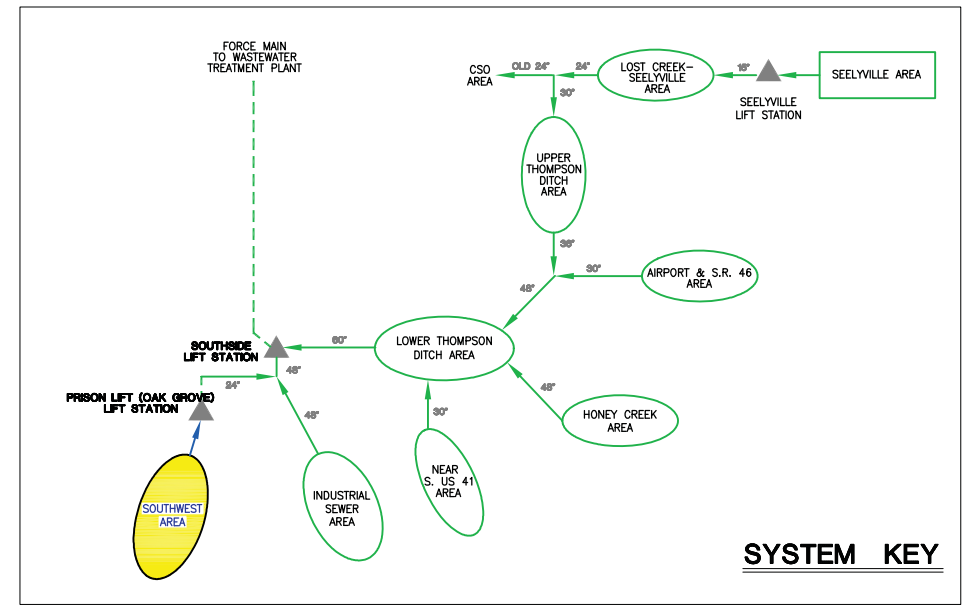
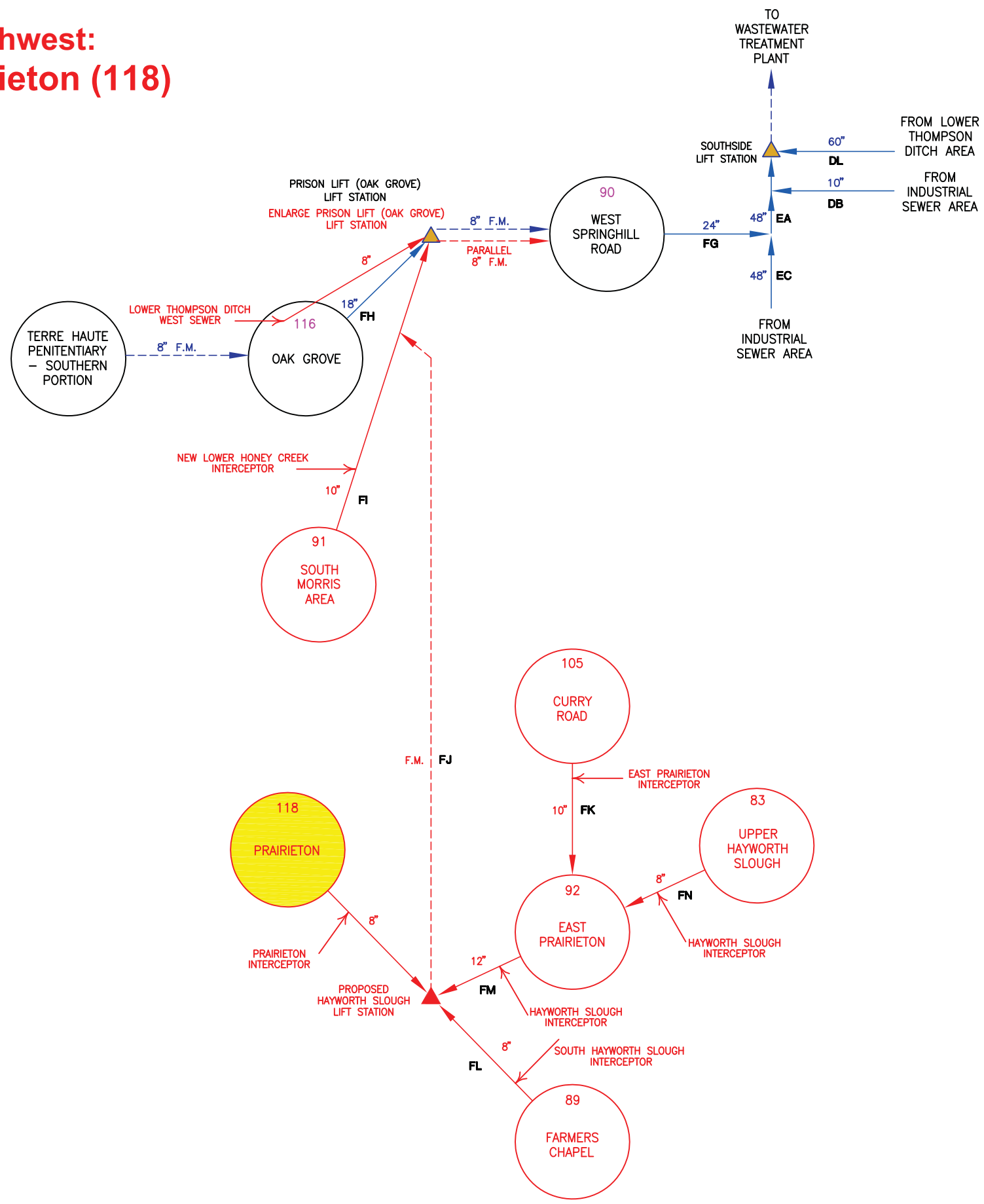


Southwest: Prarieton (118)



SYSTEM KEY

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
- MODEL FLOW VECTOR

SOUTHWEST AREA SCHEMATIC - PROPOSED SYSTEM IMPROVEMENTS

Report Schematics for presentation.dwg 1

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



FIGURE

28

Prairieton Interceptor Sewer

- The Prairieton Interceptor Sewer is intended to serve Sub-basin 118, which includes the unincorporated Town of Prairieton and surrounding areas. The natural drainage pattern in this region is north to south toward Hayworth Slough, a tributary to the Wabash River. In order to serve this area, the topography will require the construction of a regional lift station approximately one mile south of Prairieton, which is referred to herein as the Hayworth Slough Lift Station. Our model indicates that a minimum of an 8” sewer would be necessary to convey flow from this sub-basin.

Description	Unit	Estimated Quantity	Unit Cost	Estimated Capital Cost
<i>Prairieton Interceptor Sewer</i>				
8" Dia. Gravity Sewer	L.F.	5,400	\$70	\$378,000
Standard Manhole	EA.	20	\$4,000	\$80,000
Granular Backfill	L.F.	4,400	\$35	\$154,000
Paved Surface Restoration	L.F.	350	\$40	\$14,000
Grading and Seeding	L.F.	5,050	\$5	\$25,250
Dewatering	L.S.	1	\$52,100	\$52,100
Erosion Control	L.S.	1	\$10,420	\$10,420
Estimated Construction Cost:				\$713,770
15% Construction Contingency:				\$107,066
Est. Non-Construction Costs @ 25%:				\$178,443
Estimated Total Project Cost:				\$999,278