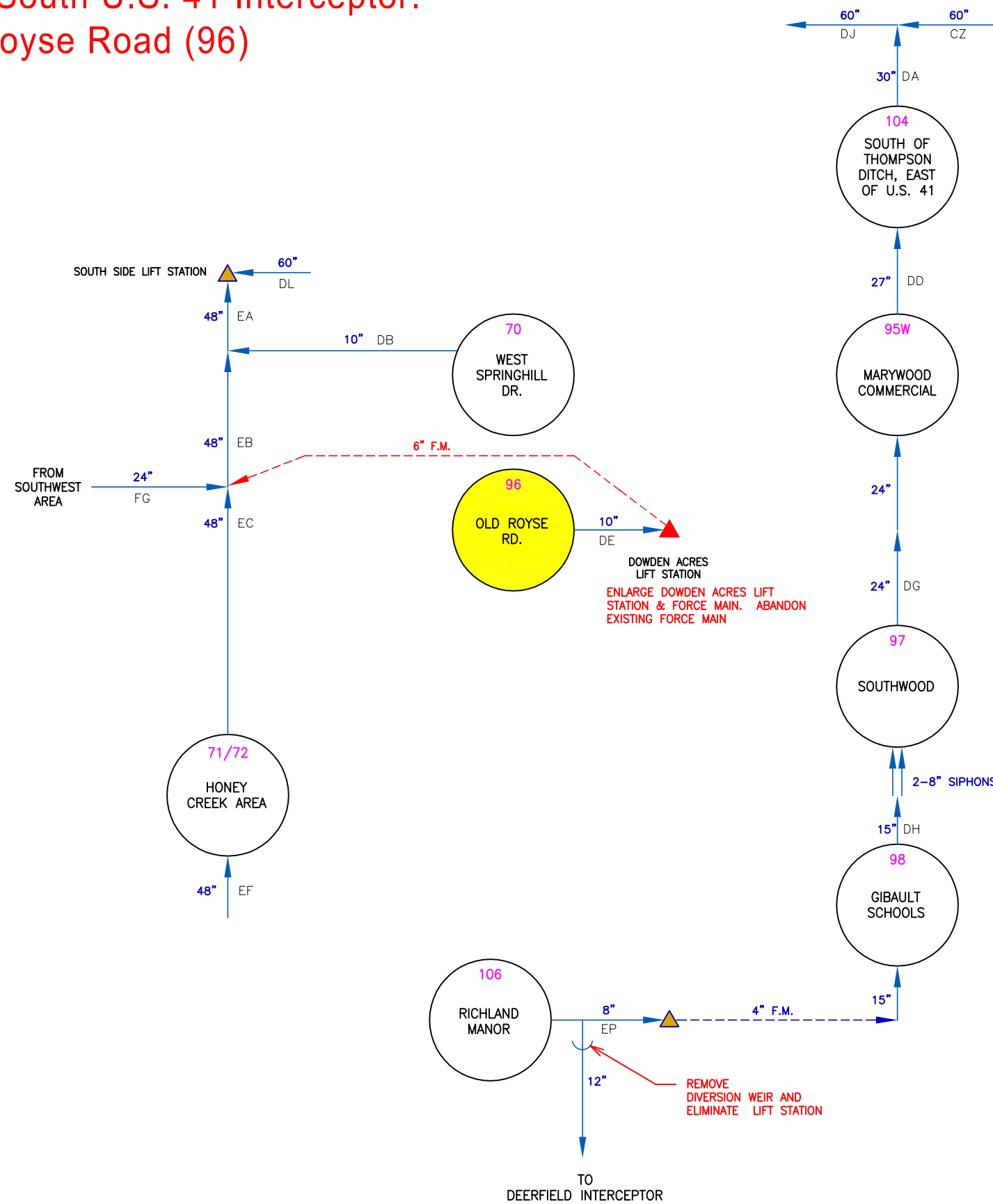
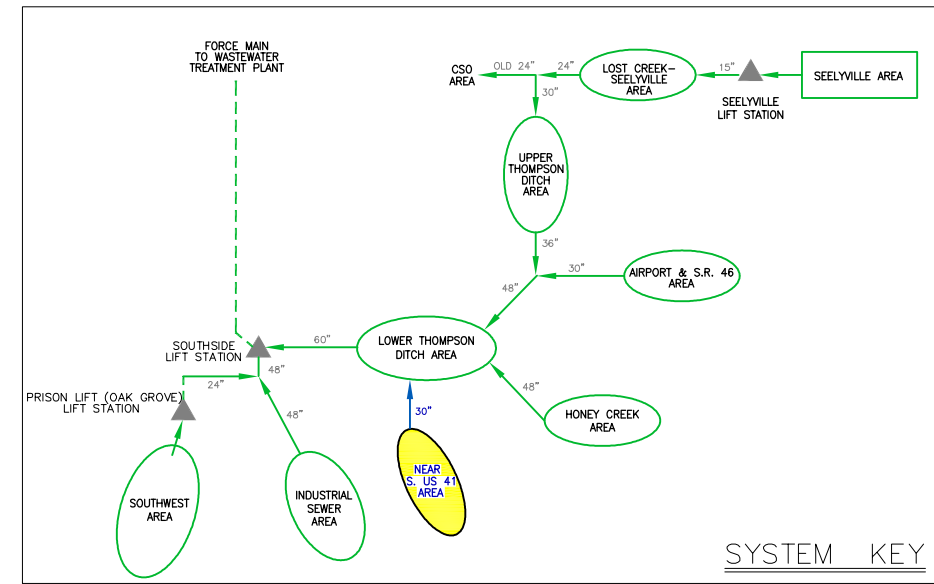


Near South U.S. 41 Interceptor: Old Royse Road (96)



NEAR SOUTH U.S. 41 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)
	EXISTING FORCE MAIN
	PROPOSED GRAVITY SEWER
	PROPOSED LIFT STATION
	PROPOSED FORCE MAIN
	PROPOSED ABANDONMENT
	MODEL FLOW VECTOR

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

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CITY OF TERRE HAUTE, INDIANA
SANITARY SEWER MASTER PLAN
NEAR SOUTH U.S. 41 AREA SCHEMATIC
PROPOSED IMPROVEMENTS



FIGURE

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Dowden Acres Lift Station Upgrade

- A significant amount of additional residential development is likely to occur within Sub-basin 96, which is served by the Dowden Acres Lift Station; however, the rest of the Near South U.S. 41 Area as a whole is not expected to experience the same growth.
- It is recommended that the Dowden Acres Lift Station eventually be enlarged to accommodate the projected flows created by future residential growth within Sub-basin 96. A capacity increase at this lift station will also require force main replacement or a parallel installation. The force main from this station currently discharges into the existing 24" South U.S. 41 Interceptor on the east side of U.S. 41. In order to avoid a costly roadway boring for a casing pipe installation, it is recommended that a new 6" force main be installed and directed to the west, discharging into the existing Industrial Interceptor Sewer (North). The existing 4" force main would then be abandoned in place.

Description	Unit	Estimated Quantity	Unit Cost	Estimated Capital Cost
<i>Dowden Acres Lift Station Upgrade</i>				
Lift Station Upgrade	EA.	1	\$180,000	\$180,000
Parallel 6" Force	L.F.	2,500	\$35	\$87,500
Granular Backfill	L.F.	200	\$35	\$7,000
Paved Surface Restoration	L.F.	100	\$25	\$2,500
Grading and Seeding	L.F.	2,400	\$5	\$12,000
Estimated Construction Cost:				\$289,000
15% Construction Contingency:				\$43,350
Est. Non-Construction Costs @ 25%:				\$72,250
Estimated Total Project Cost:				\$404,600