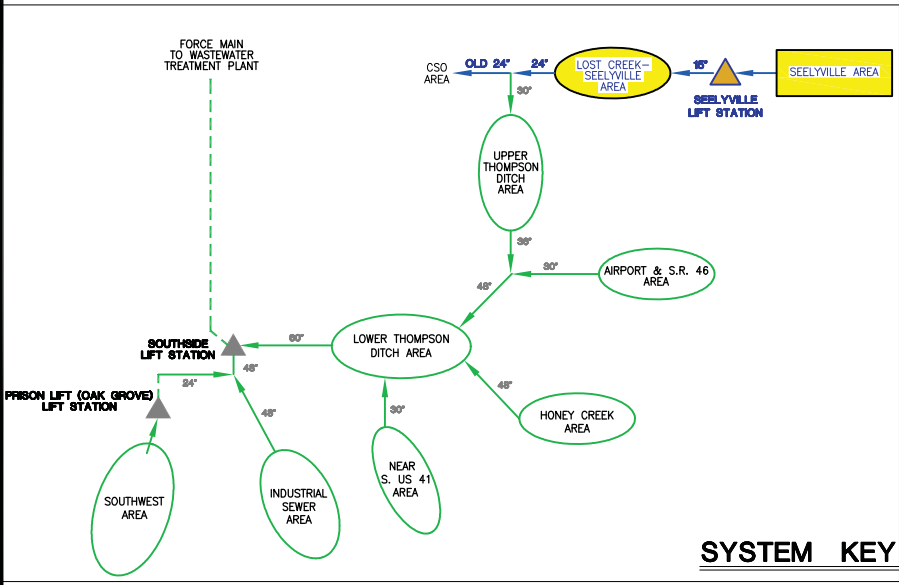
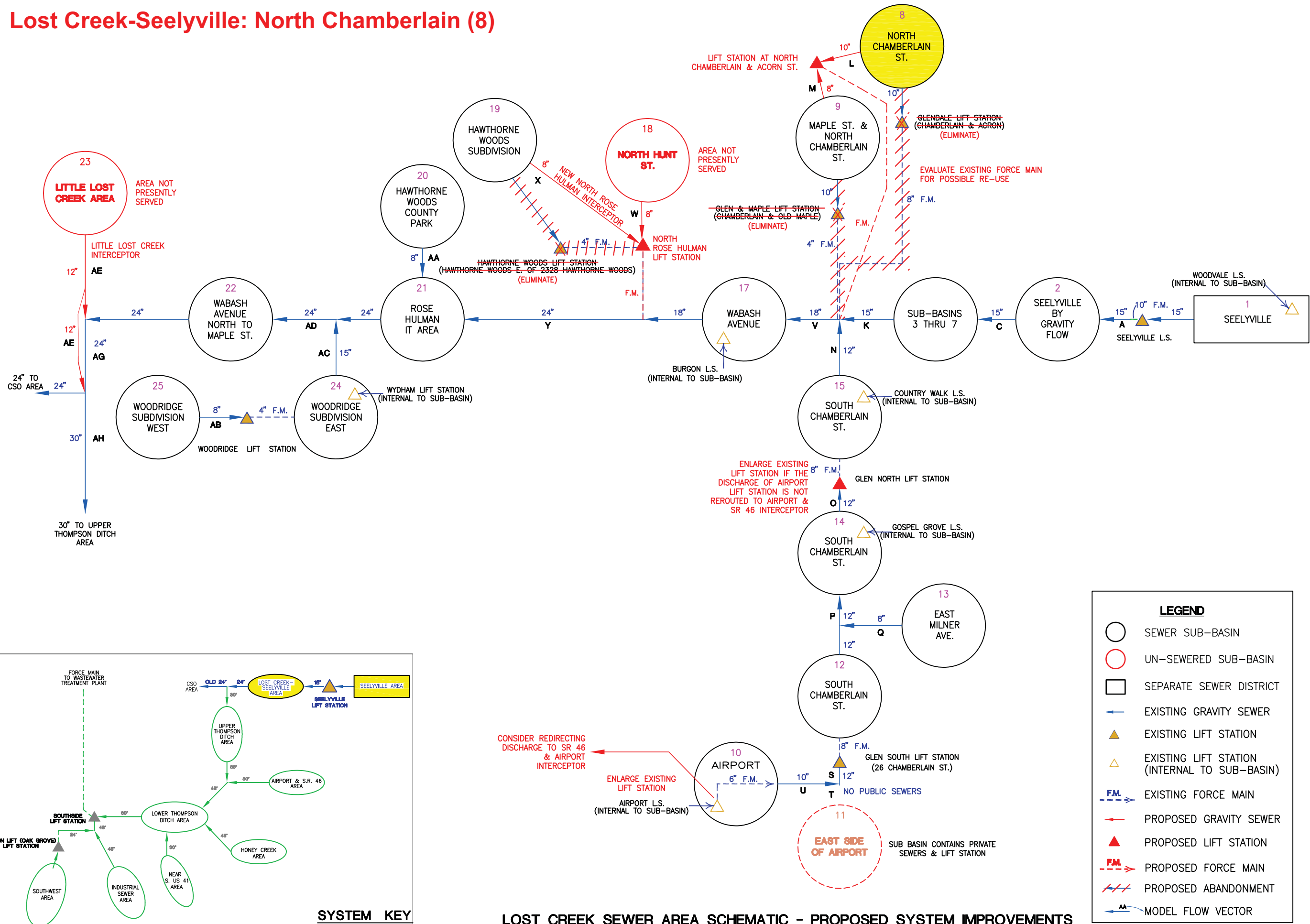


Lost Creek-Seelyville: North Chamberlain (8)



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
— F.M. —	PROPOSED GRAVITY SEWER
▲	PROPOSED LIFT STATION
— F.M. —	PROPOSED FORCE MAIN
---	PROPOSED ABANDONMENT
→	MODEL FLOW VECTOR

LOST CREEK SEWER AREA SCHEMATIC - PROPOSED SYSTEM IMPROVEMENTS

Report Schematics for presentation.dwg 1

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CITY OF TERRE HAUTE, INDIANA
 SANITARY SEWER MASTER PLAN
 LOST CREEK-SEELYVILLE SEWER AREA SCHEMATIC
 PROPOSED IMPROVEMENTS



FIGURE
 21

New Lift Station at North Chamberlain & Acorn Street

- This new lift station would serve existing homes in Sub-basins 8 & 9, and would be sized for a capacity of approximately 330 gpm. The force main from this station would be routed south to the existing 18” Lost Creek – Seelyville Interceptor on U.S. 40. The construction of this station would allow the elimination of two older lift stations on North Chamberlain Street including the Glendale Lift Station at N Chamberlain Street and Acorn Avenue, and the Glen and Maple Lift Station located at the intersection of E. Old Maple Avenue and N. Chamberlain Street.
- This project would also include the construction of a new 8” gravity sewer from the abandoned Glen and Maple St. Lift Station to the site of the new lift station located on South Chamberlain Street and Acorn Street.

Description	Unit	Estimated Quantity	Unit Cost	Estimated Capital Cost
<i>New Lift Station at North Chamberlain and Acorn Street.</i>				
8" Dia. Gravity Sewer	L.F.	1,500	\$70	\$105,000
Standard Manhole	EA.	6	\$4,000	\$24,000
Granular Backfill	L.F.	300	\$35	\$10,500
New Lift Station	EA.	1	\$125,000	\$125,000
8" Force (utilization of existing F.M.)	L.F.	100	\$35	\$3,500
Eliminate Lift Station	EA.	1	\$10,000	\$10,000
Eliminate Glen and Maple Lift Station	EA.	1	\$10,000	\$10,000
Paved Surface Restoration	L.F.	300	\$40	\$12,000
Grading and Seeding	L.F.	1,400	\$5	\$7,000
Dewatering	L.S.	1	\$30,700	\$30,700
Erosion Control	L.S.	1	\$6,140	\$6,140
Estimated Construction Cost:				\$343,840
15% Construction Contingency:				\$51,576
Land Acquisition		2.1	\$12,000	\$25,200
Est. Non-Construction Costs @ 25%:				\$85,960
Estimated Total Project Cost:				\$506,576