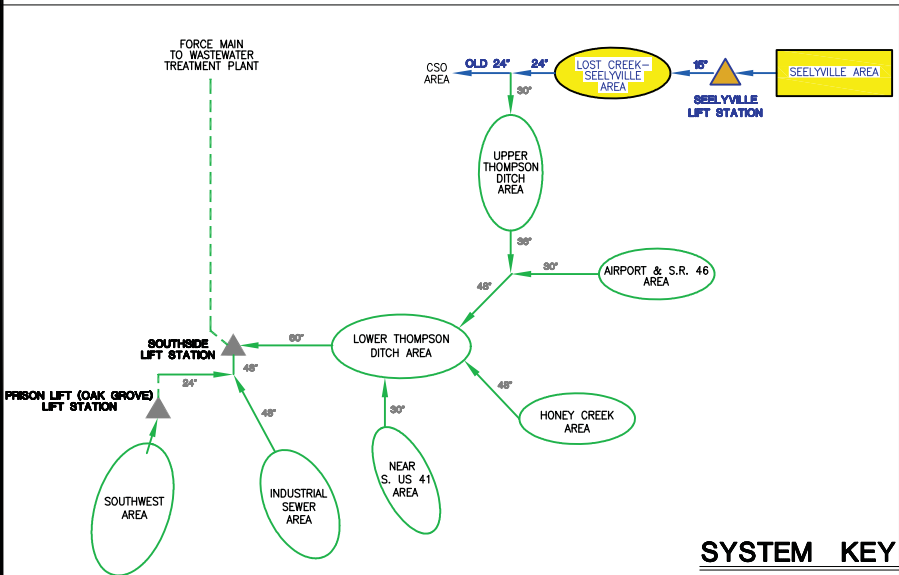
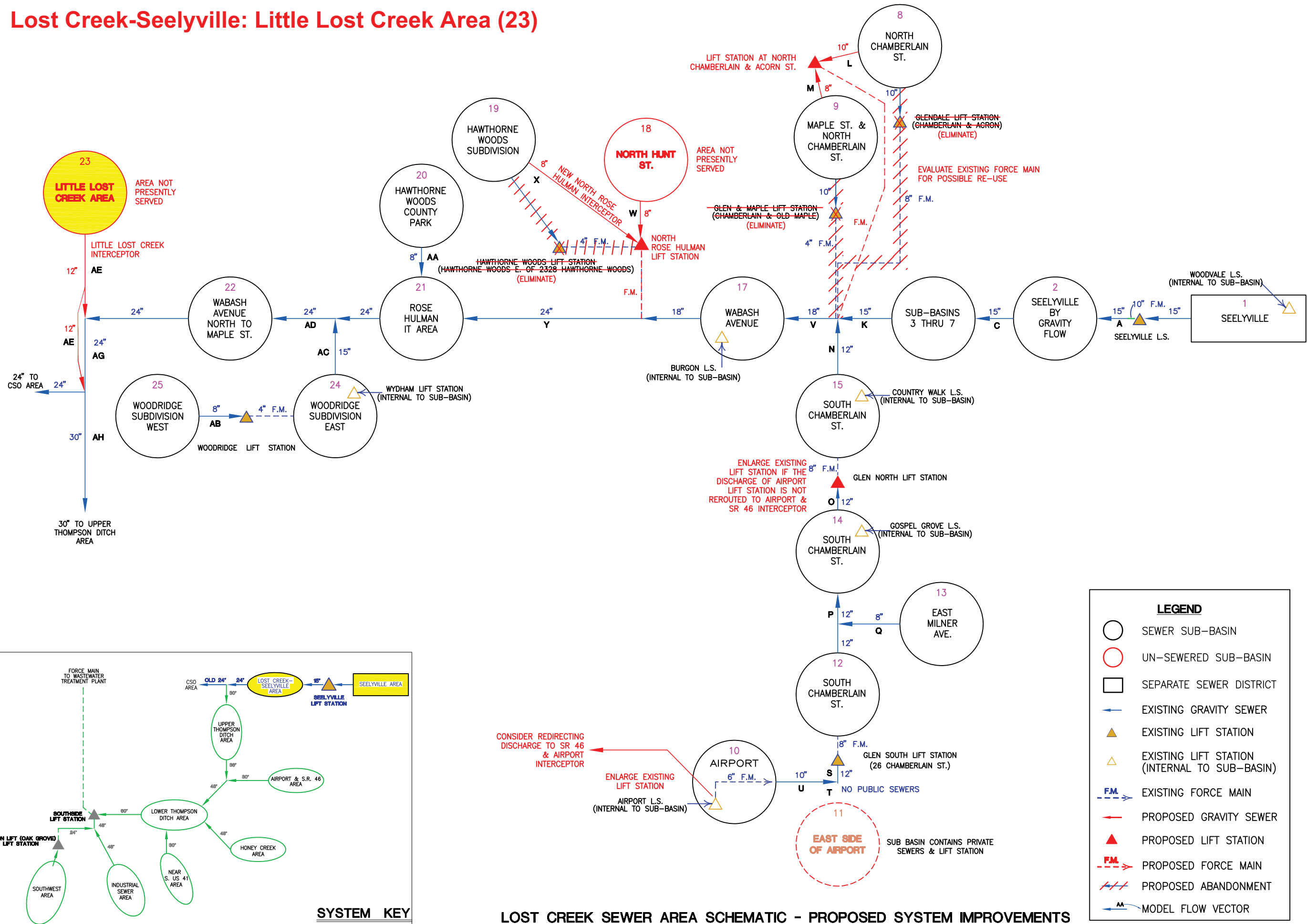


Lost Creek-Seelyville: Little Lost Creek Area (23)



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

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

Little Lost Creek Interceptor Sewer

- The Little Lost Creek Interceptor is proposed to provide gravity sewer service to un-sewered areas in Sub-basin 23. An 8” and 12” diameter sanitary sewer is anticipated. There are two alternatives for the connection point to the system.
- Flow monitoring data has confirmed that the existing 24” interceptor south of Sub-basin 23 has the capacity to accept the projected future flow, thus the new 12” interceptor would be connected northeast of the intersection of Locust St. and Bourne Ave. If at some point in the future this capacity is substantially reduced and the interceptor cannot accept the additional flow at this location, the new 8” and 12” sewer may need to parallel the 24” interceptor to its connection point with the 30” diameter Upper Thompson Ditch Interceptor.

Description	Unit	Estimated Quantity	Unit Cost	Estimated Capital Cost
<i>Little Lost Creek Interceptor Sewer</i>				
8" Dia. Gravity Sewer	L.F.	12,000	\$70	\$840,000
12" Dia. Gravity Sewer	L.F.	8,000	\$100	\$800,000
Standard Manhole	EA.	73	\$4,000	\$292,000
Granular Backfill	L.F.	800	\$35	\$28,000
Paved Surface Restoration	L.F.	400	\$40	\$16,000
Dewatering	L.S.	1	\$197,600	\$197,600
Erosion Control	L.S.	1	\$39,520	\$39,520
Grading and Seeding	L.F.	19,600	\$5	\$98,000
Estimated Construction Cost:				\$2,311,120
15% Construction Contingency:				\$346,668
Land Acquisition		11.1	\$4,000	\$44,400
Est. Non-Construction Costs @ 25%:				\$577,780
Estimated Total Project Cost:				\$3,279,968