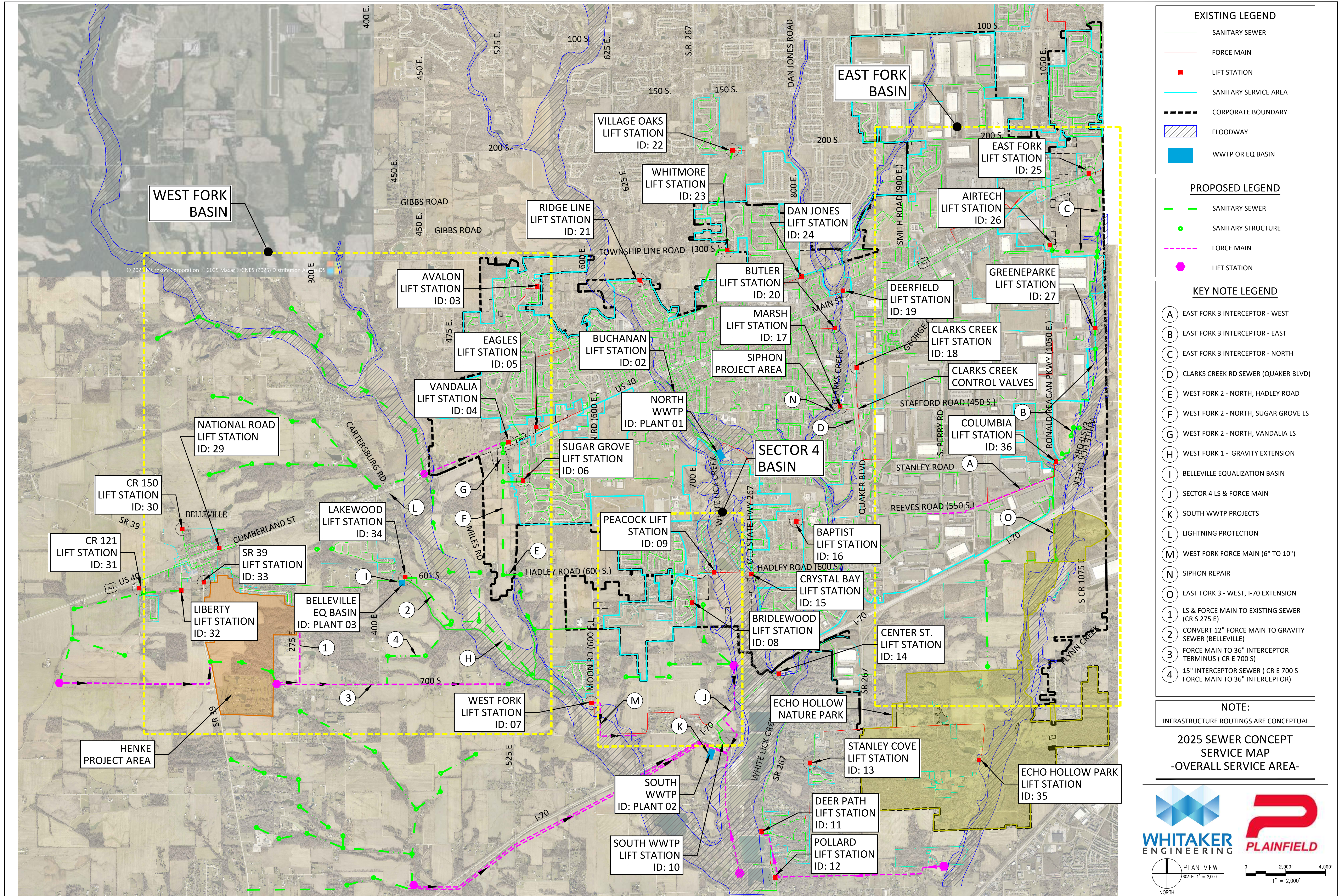
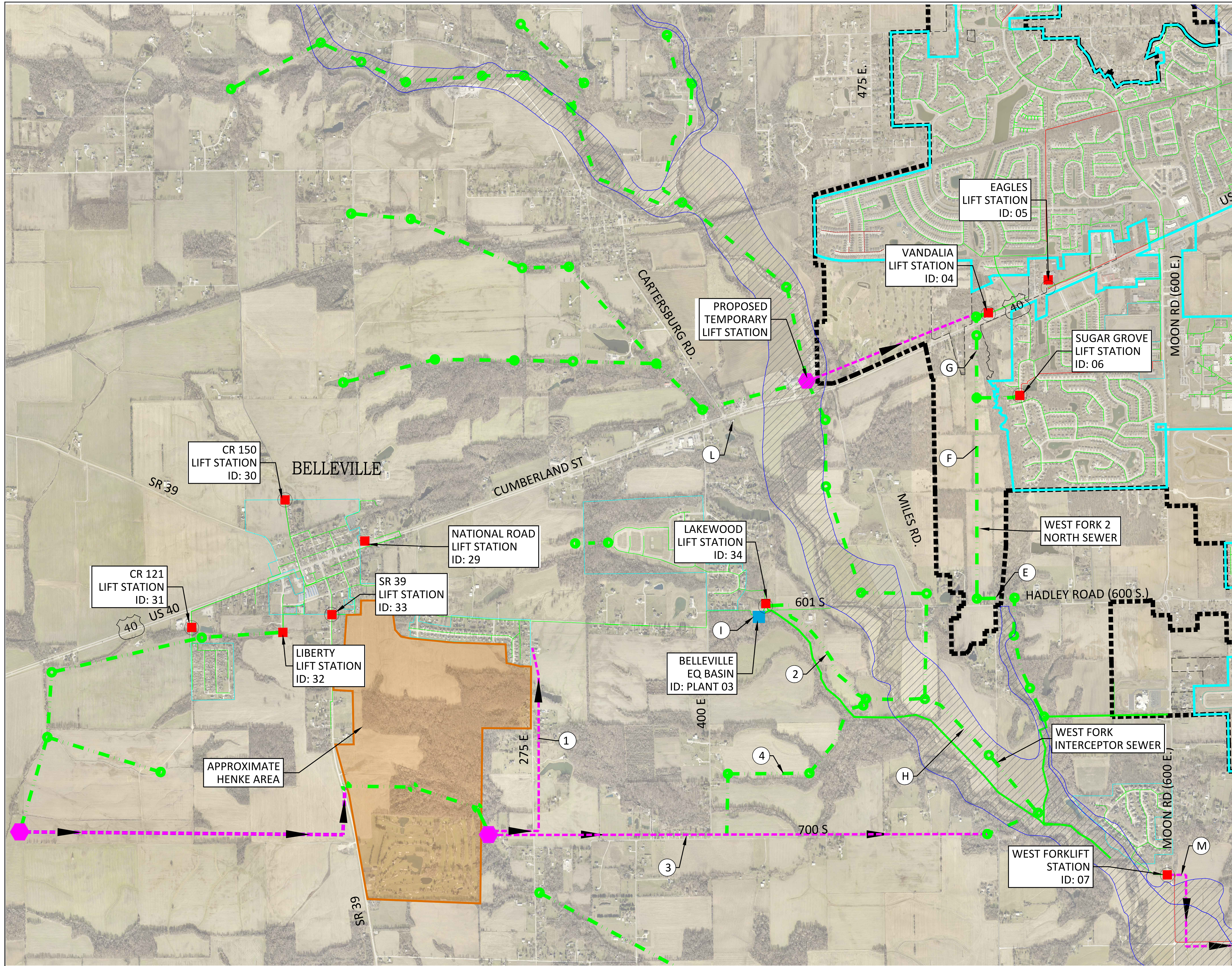






EXISTING LEGEND

- SANITARY SEWER
- FORCE MAIN
- LIFT STATION
- SANITARY SERVICE AREA
- CORPORATE BOUNDARY
- FLOODWAY
- WWTP OR EQ BASIN

PROPOSED LEGEND

- SANITARY SEWER
- SANITARY STRUCTURE
- FORCE MAIN
- LIFT STATION

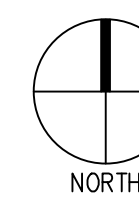
KEY NOTE LEGEND

- (A) EAST FORK 3 INTERCEPTOR - WEST
- (B) EAST FORK 3 INTERCEPTOR - EAST
- (C) EAST FORK 3 INTERCEPTOR - NORTH
- (D) CLARKS CREEK RD SEWER (QUAKER BLVD)
- (E) WEST FORK 2 - NORTH, HADLEY ROAD
- (F) WEST FORK 2 - NORTH, SUGAR GROVE LS
- (G) WEST FORK 2 - NORTH, VANDALIA LS
- (H) WEST FORK 1 - GRAVITY EXTENSION
- (I) BELLEVILLE EQUALIZATION BASIN
- (J) SECTOR 4 LS & FORCE MAIN
- (K) SOUTH WWTP PROJECTS
- (L) LIGHTNING PROTECTION
- (M) WEST FORK FORCE MAIN (6" TO 10")
- (N) SIPHON REPAIR
- (O) EAST FORK 3 - WEST, I-70 EXTENSION
- (1) LS & FORCE MAIN TO EXISTING SEWER (CR S 275 E)
- (2) CONVERT 12" FORCE MAIN TO GRAVITY SEWER (BELLEVILLE)
- (3) FORCE MAIN TO 36" INTERCEPTOR TERMINUS (CR E 700 S)
- (4) 15" INTERCEPTOR SEWER (CR E 700 S FORCE MAIN TO 36" INTERCEPTOR)

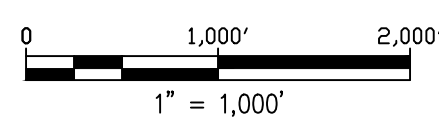
NOTE:
INFRASTRUCTURE ROUTINGS ARE CONCEPTUAL

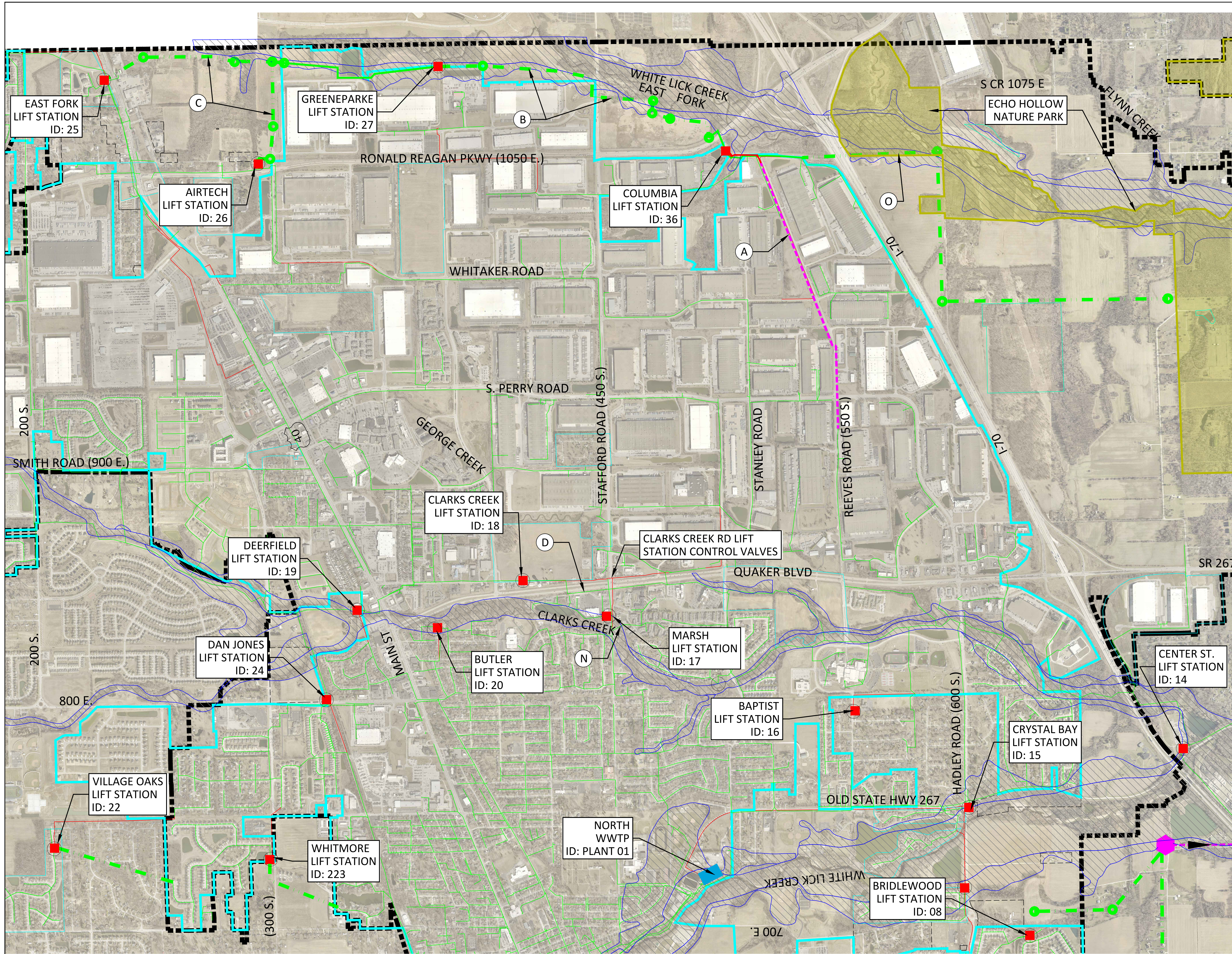
**2025 SEWER CONCEPT
SERVICE MAP
-WEST FORK BASIN-**





PLAN VIEW
SCALE: 1" = 1,000'





EXISTING LEGEND

- SANITARY SEWER
- FORCE MAIN
- LIFT STATION
- SANITARY SERVICE AREA
- CORPORATE BOUNDARY
- FLOODWAY
- WWTP OR EQ BASIN

PROPOSED LEGEND

- SANITARY SEWER
- SANITARY STRUCTURE
- FORCE MAIN
- LIFT STATION

KEY NOTE LEGEND

- (A) EAST FORK 3 INTERCEPTOR - WEST
- (B) EAST FORK 3 INTERCEPTOR - EAST
- (C) EAST FORK 3 INTERCEPTOR - NORTH
- (D) CLARKS CREEK RD SEWER (QUAKER BLVD)
- (E) WEST FORK 2 - NORTH, HADLEY ROAD
- (F) WEST FORK 2 - NORTH, SUGAR GROVE LS
- (G) WEST FORK 2 - NORTH, VANDALIA LS
- (H) WEST FORK 1 - GRAVITY EXTENSION
- (I) BELLEVILLE EQUALIZATION BASIN
- (J) SECTOR 4 LS & FORCE MAIN
- (K) SOUTH WWTP PROJECTS
- (L) LIGHTNING PROTECTION
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- (4) 15" INTERCEPTOR SEWER (CR E 700 S FORCE MAIN TO 36" INTERCEPTOR)

NOTE:
INFRASTRUCTURE ROUTINGS ARE CONCEPTUAL

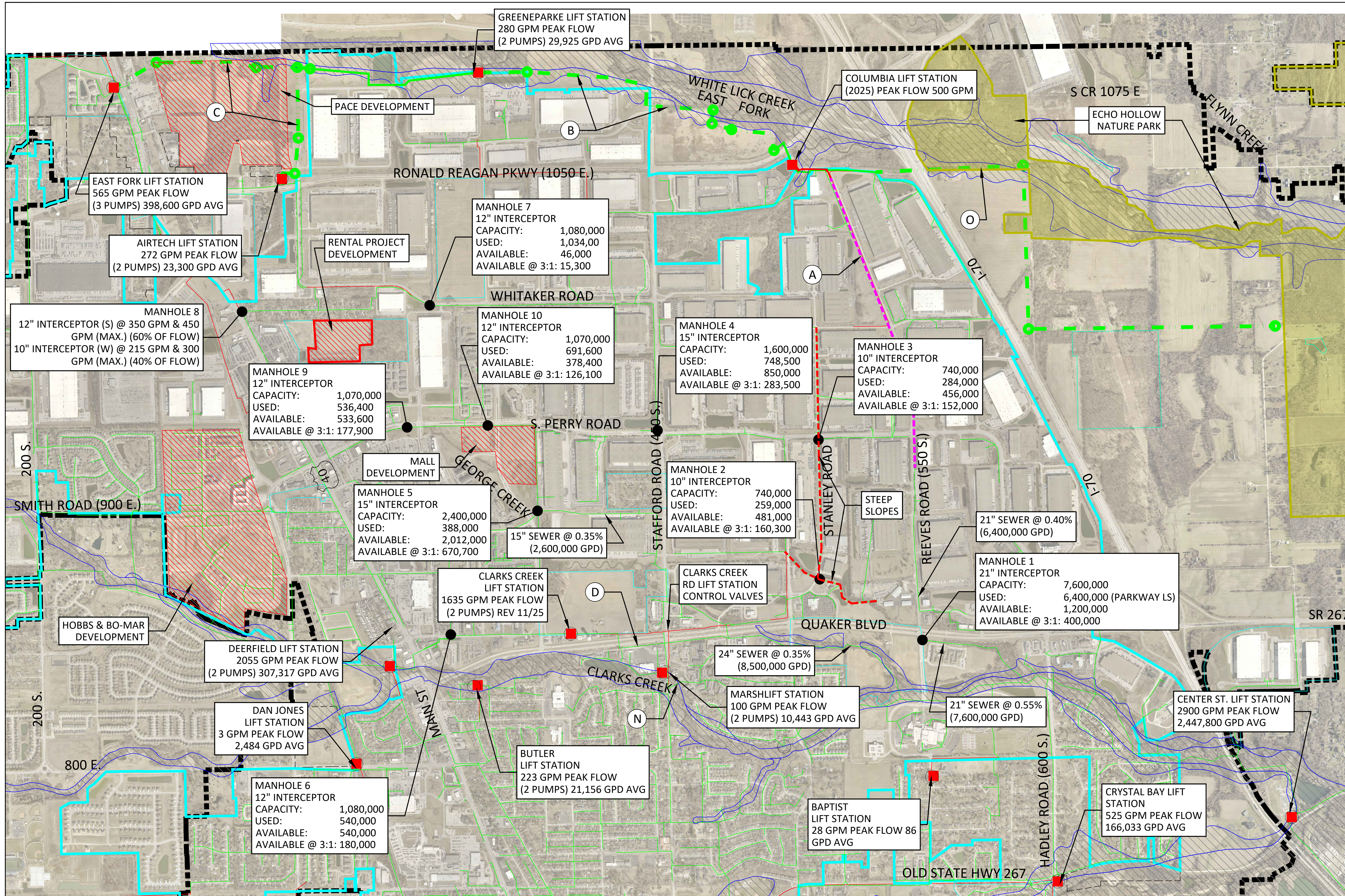
**2025 SEWER CONCEPT
SERVICE MAP
-EAST FORK BASIN-**

**WHITAKER
ENGINEERING**

PLAINFIELD

PLAN VIEW
SCALE: 1" = 1,000'

0 1,000' 2,000'
1" = 1,000'



EXISTING LEGEND

- SANITARY SEWER
- FORCE MAIN
- LIFT STATION
- SANITARY SERVICE AREA
- CORPORATE BOUNDARY
- FLOODWAY
- WWTP OR EQ BASIN

PROPOSED LEGEND

- SANITARY SEWER
- SANITARY STRUCTURE
- FORCE MAIN
- LIFT STATION

KEY NOTE LEGEND

- (A) EAST FORK 3 INTERCEPTOR - WEST
- (B) EAST FORK 3 INTERCEPTOR - EAST
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- (E) WEST FORK 2 - NORTH, HADLEY ROAD
- (F) WEST FORK 2 - NORTH, SUGAR GROVE LS
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- (H) WEST FORK 1 - GRAVITY EXTENSION
- (I) BELLEVILLE EQUALIZATION BASIN
- (J) SECTOR 4 LS & FORCE MAIN
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- (4) 15" INTERCEPTOR SEWER (CR E 700 S FORCE MAIN TO 36" INTERCEPTOR)

NOTE:
INFRASTRUCTURE ROUTINGS ARE CONCEPTUAL

**2025 SEWER CONCEPT
SERVICE MAP
-EAST FORK BASIN-**

WHITAKER ENGINEERING **PLAINFIELD**

PLAN VIEW
SCALE: 1" = 1,000'

0 1,000' 2,000'
1" = 1,000'

NORTH

NOTES:
HIGHLIGHTED SEWES INDICATE CAPACITY LIMITATIONS, DUE TO FORCE MAINS PUMPING FROM THE EAST FORK SEWER BASIN AND OR COMPOUNDED BY HIGH-DENSITY RESIDENTIAL DEVELOPEMTN. COMPLETION OF THE EAST FORK INTERCEPTOR, LIFT STATION AND FORCE MAIN REMOVES THE CAPACITY LIMITATIONS.

MINIMUM SLOPES ASSUMED UNLESS OTHERWISE NOTED.

Town of Plainfield - Sanitary Facility Improvements																							
Exhibit #	CAPITAL IMPROVEMENT PROJECTS	EDU Capacity	Triggering Projects / Development Events	Project Type			Project Status			Current Projects Estimated Costs	2025 Estimated Costs	Timeframe Range	Project Pricing by Year Started (3% Compounded)										Total Project Cost
				Sanitary Sewer	WWTP	Other	Concept	Prelim. Eng.	Design				2026 (2025 + 3%)	2027 (2025 + 6%)	2028 (2025 + 9%)	2029 (2025 + 13%)	2030 (2025 + 16%)	2031 (2025 + 19%)	2032 (2025 + 23%)	2033 (2025 + 27%)	2034 (2025 + 30%)	2035 (2025 + 34%)	
	Treatment Plant(s)																						
K	South WWTP Projects		Existing Flow Commitments		X																		
	Fine Screen Replacement - Complete									\$ 601,829		2025											\$601,829
	Blower Addition - Complete									\$ 1,203,657		2025											\$1,203,657
	Final Design (funded)									\$ 400,000		2025											\$400,000
	Final Design (unfunded)										\$ 800,000	2026	\$800,000										\$800,000
	Construction Services									\$ 1,300,000		2026 to 2027	\$400,000	\$900,000									\$1,300,000
	Phase 3 (2 MGD) Construction	6350								\$ 20,000,000		2026 to 2027	\$8,240,000	\$12,360,000									\$20,600,000
	Phase 4 (2MG) and Center Street / I-70 LS	6350								\$ 20,000,000		2034 to 2038									\$10,400,000	\$15,600,000	\$26,000,000
	Collection System																						
A	East Fork 3 Interceptor- West			X						\$ 7,000,000		2025											\$7,000,000
	20-in Force Main (6,000 LF)	1120	Projects C & O						75%		\$ 2,500,000	2026 to 2029	\$2,575,000										\$2,575,000
	Columbia LS Large Pumps	4650	Projects C & O						65%		\$ 1,250,000	2026 to 2029		\$1,325,000									\$1,325,000
O	I-70 18" Sewer and Water Extension including Engineering	2290	Development South of I-70						100%		\$ 2,668,750	2026 to 2027	\$2,749,000										\$2,749,000
B	East Fork 3 Interceptor - East			X					65%														
	Road Crossing									\$ 390,900		2025											\$390,900
	EF3 East (7,200 LF)	4450	SEC of Stafford & Ronald Reagan						65%		\$ 5,400,000	2026 to 2029		\$2,289,600	\$3,434,400								\$5,724,000
C	East Fork 3 Interceptor - North																						
	Air Tech (Six Points LS) (3,000 LF)	590	Required to fix existing issue	X					100%		\$ 1,875,000	2026 to 2028	\$1,931,250										\$1,931,250
	Pace (4,250 LF)	2390	Pace Property Development	X				X			\$ 3,125,000	2026 to 2029		\$1,325,000	\$1,987,500								\$3,312,500
	West Fork Interceptors & Projects																						
E	West Fork 2 Interceptor - North, Hadley Road (3,900 LF)		Project F	X			X				\$ 3,125,000	2029 to 2030				\$3,531,250							\$3,531,250
F	West Fork 2 Interceptor - North, Sugar Grove LS (3,000 LF)	3090	Development along Route	X			X				\$ 2,993,750	2027 to 2029				\$3,382,938							\$3,382,938
G	West Fork 2 Interceptor - North, Vandalia LS (4,925 LF inc. J&B)		Development along Route	X			X				\$ 5,000,000	2030 to 2032					\$5,950,000						\$5,950,000
H	West Fork 1 Gravity Extension	1050	Henke or other Development	X					65%		\$ 6,687,500	2030 to 2034					\$7,757,500						\$7,757,500
I	Belleville Equalization Basin	320	Henke or other Development		X		X				\$ 1,375,000	2030 to 2032				\$1,595,000							\$1,595,000
M	West Fork Force Main Upgrade (6" to 10")	1050	Existing Flow Commitments	X					65%		\$ 1,062,500	2026 to 2027	\$1,094,375										\$1,094,375
	Miscellaneous Projects																						
D	Clarks Creek Road Sewer (Quaker Blvd.)			X						\$ 4,129,695		2025											\$4,129,695
J	Sector 4 LS & Force Main (E 675 S & S 725 E)	410	Development	X			X				\$ 1,875,000	2028 to 2030			\$2,306,250								\$2,306,250
L	Lightning Protection		Existing Issue to Fix			X					\$ 250,000	2025 to 2028		\$265,000									\$265,000
N	Siphon Repair		Existing Issue to Fix								\$ 500,000	2025 to 2026	\$515,000										\$515,000
	Henke																						
1	LS & Force Main to Existing Sewer (CR S 275E)	260	Initial Project for Henke	X			X				\$ 1,857,500	2026 to 2027		\$1,968,950									\$1,968,950
2	Convert 12" Force Main to Gravity Sewer (Belleville)	820	Project H	X			X				\$ 718,750	2030 to 2034						\$884,063					\$884,063
3	Force Main to 36 " Interceptor Terminus (CR E 700S)	410	Significant Area Development	X			X				\$ 3,766,250	2036 to 2038						\$4,632,488					\$4,632,488
4	15" Interceptor Sewer (CR E700S Force Main to 36" Interceptor)	1210	CR E 700S Development	X			X				\$ 934,375	2038 to 2040									\$1,252,063		\$1,252,063
	Capital - Operations																						
	Return Sludge and Final Pump Control			X							\$ 120,000	2026	\$123,600										\$123,600
	Replace Lift Station Pumps			X							\$ 175,000	2026	\$180,250										\$180,250
	Sewer Main Lining			X							\$ 750,000	2026	\$772,500										\$772,500
	CCTV Camera Truck			X							\$ 787,500	2026	\$811,125										\$811,125
	Vehicle Replacements			X																			\$0
	Replace Portable Generator			X							\$ 173,600	2029				\$196,168							\$196,168
	Totals									\$ 13,726,081	\$ 91,070,475		\$ 20,192,100	\$ 20,433,550	\$ 7,728,150	\$ 7,110,356	\$ 9,352,500	\$ 5,950,000	\$ 5,516,550	\$ -	\$ 10,400,000	\$ 16,852,063	\$ 117,261,349
	Development Participation Expected													\$5,583,550	\$2,306,250	\$3,382,938	\$1,595,000	\$5,950,000	\$5,516,550			\$1,252,063	\$ 25,586,350

Town of Plainfield: Master Plan Pump Stations

Lift Station Name	Location	LS ADDRESS	LS Type	Estimated Capacity (GPM)	Permanent	Future Upgrade	Station ID#
Crystal Bay	Hadley & Center	2266 South Center St, Plainfield, IN 46168	S, T	525	Yes		15
Lakewood	West Fork - Belleville	4160 E CR601 S, Clayton, IN 461118	L	500	No		34
East Fork / Bridge Creek	East Fork 3 North	10840 E Main St, Plainfield, IN 46168	S	550	Yes - P Type in the future		25
West Fork	West Fork (Moon & CR 700 S)	7803 S CR 600 E, Plainfield, IN 46168	R	630	Yes	Yes	07
Clarks Creek	Clarks Creek Road & Stout Heritage	3995 Clarks Creek Road, Plainfield, IN 46168	P, T	1240	Yes - P Only		18
Center Street / I-70	Center & I-70	3000 S Center St Mooresville, IN 46158	R	2900	Yes	Yes	14
Greene Park	East Fork 3 East	Stout Heritage Pkwy & Plainfield Rd, Plainfield, IN 460168	L	280	No		27
Sugar Grove	West Fork - North	5074 B Babrillo Drive, Plainfield, IN 46168	L	490	No		06
Vandalia	West Fork - North	National Road, Plainfield, IN 46168	L	621	No		04
Air Tech	East Fork 3 North	5000 S CR1050 E, Plainfield, IN 46168	L	320	No		26
Columbia	East Fork 3 West	1203 Columbia Rd, Plainfield, IN 460168	S	560	Yes	Yes	36
Deer Path	SR 267 and Maxwelton St	850 South SR 267, Mooresville, IN 46158	S	260	Yes		11
Dan Jones	Dan Jones Rd & Blackthorn	Dan Jones Road and Blackthorn, Plainfield IN 46168	T	260	Yes-P only		24

Abbreviation Key

R - Regional Basin Lift Station

S - Secondary Basin Lift Station

L - Local Lift Station (Only local lift stations that could be removed in the future are listed)

P - Peaking Lift Station (Normal operation sends flow to South WWTP. During high-flow events, flow can be diverted to flow to North WWTP)

T - Transfer Lift Station (All flow to lift station can be sent to either the South or North WWTP)