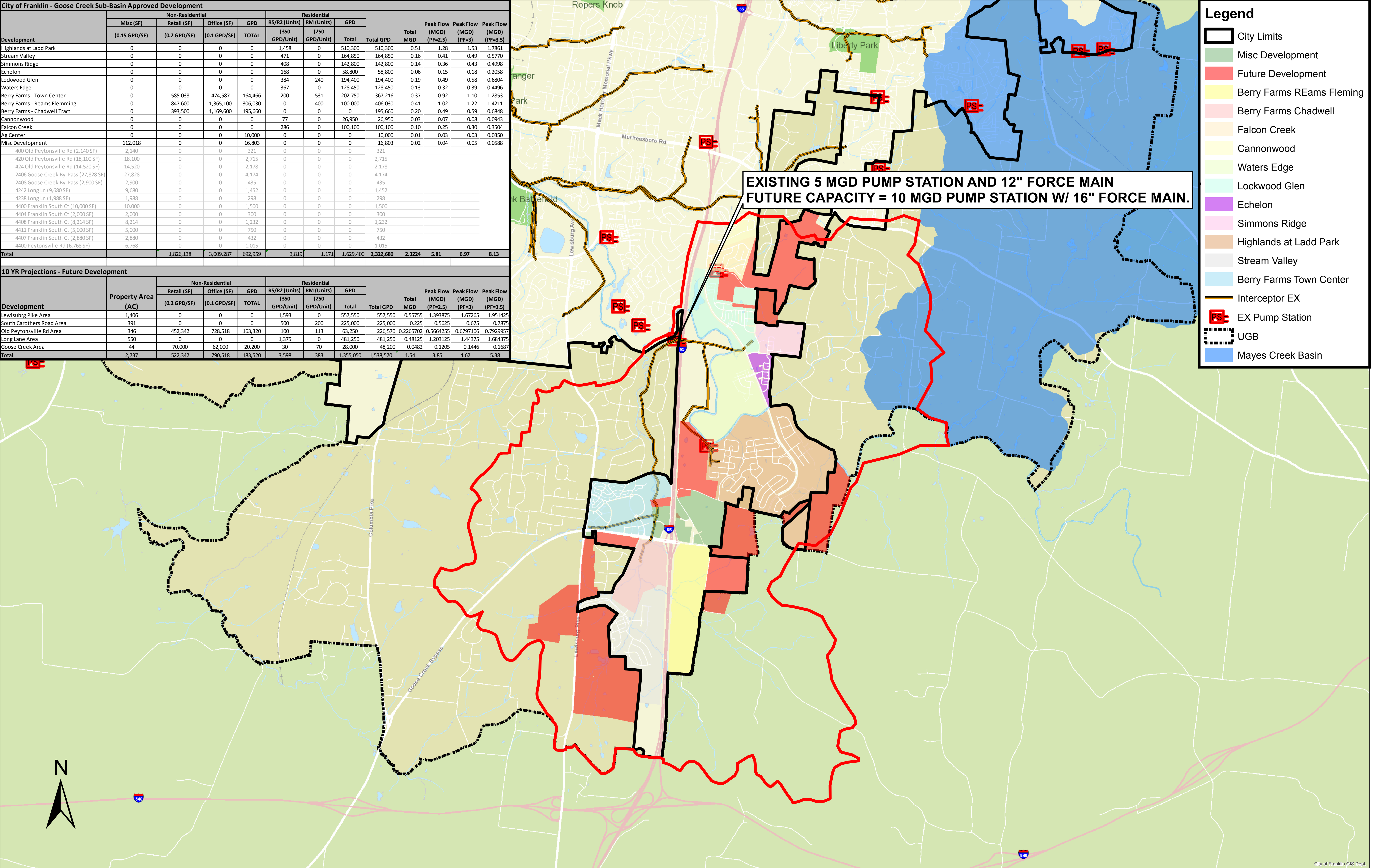


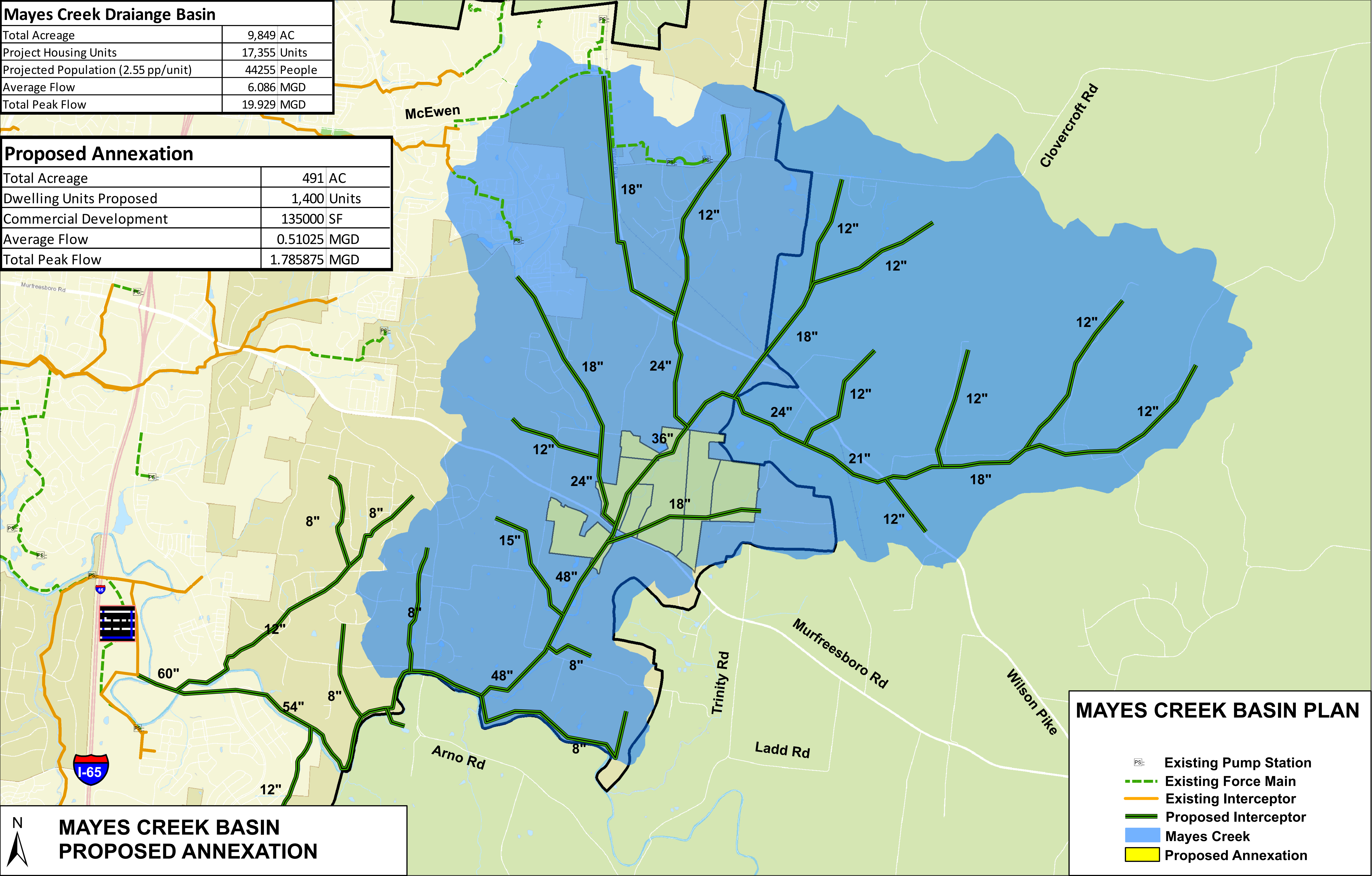
City of Franklin - Goose Creek Sub-Basin Approved Development													
Development	Non-Residential				Residential			Total GPD	Total MGD	Peak Flow (MGD) (PF=2.5)	Peak Flow (MGD) (PF=3)	Peak Flow (MGD) (PF=3.5)	
	Misc (SF)	Retail (SF)	Office (SF)	GPD	RS/R2 (Units)	RM (Units)	GPD						
	(0.15 GPD/SF)	(0.2 GPD/SF)	(0.1 GPD/SF)	TOTAL	(350 GPD/Unit)	(250 GPD/Unit)	Total						
Highlands at Ladd Park	0	0	0	0	1,458	0	510,300	510,300	0.51	1.28	1.53	1.7861	
Stream Valley	0	0	0	0	471	0	164,850	164,850	0.16	0.41	0.49	0.5770	
Simmons Ridge	0	0	0	0	408	0	142,800	142,800	0.14	0.36	0.43	0.4998	
Echelon	0	0	0	0	168	0	58,800	58,800	0.06	0.15	0.18	0.2058	
Lockwood Glen	0	0	0	0	384	240	194,400	194,400	0.19	0.49	0.58	0.6804	
Waters Edge	0	0	0	0	367	0	128,450	128,450	0.13	0.32	0.39	0.4496	
Berry Farms - Town Center	0	585,038	474,587	164,466	200	531	202,750	367,216	0.37	0.92	1.10	1.2853	
Berry Farms - Reams Flemming	0	847,600	1,365,100	306,030	0	400	100,000	406,030	0.41	1.02	1.22	1.4211	
Berry Farms - Chadwell Tract	0	393,500	1,169,600	195,660	0	0	0	195,660	0.20	0.49	0.59	0.6848	
Cannonwood	0	0	0	0	77	0	26,950	26,950	0.03	0.07	0.08	0.0943	
Falcon Creek	0	0	0	0	286	0	100,100	100,100	0.10	0.25	0.30	0.3504	
Ag Center	0	0	0	10,000	0	0	0	10,000	0.01	0.03	0.03	0.0350	
Misc Development	112,018	0	0	16,803	0	0	0	16,803	0.02	0.04	0.05	0.0588	
400 Old Peytonsville Rd (2,140 SF)	2,140	0	0	321	0	0	0	321					
420 Old Peytonsville Rd (18,100 SF)	18,100	0	0	2,715	0	0	0	2,715					
424 Old Peytonsville Rd (14,520 SF)	14,520	0	0	2,178	0	0	0	2,178					
2406 Goose Creek By-Pass (27,828 SF)	27,828	0	0	4,174	0	0	0	4,174					
2408 Goose Creek By-Pass (2,900 SF)	2,900	0	0	435	0	0	0	435					
4242 Long Ln (9,680 SF)	9,680	0	0	1,452	0	0	0	1,452					
4238 Long Ln (1,988 SF)	1,988	0	0	298	0	0	0	298					
4400 Franklin South Ct (10,000 SF)	10,000	0	0	1,500	0	0	0	1,500					
4404 Franklin South Ct (2,000 SF)	2,000	0	0	300	0	0	0	300					
4408 Franklin South Ct (8,214 SF)	8,214	0	0	1,232	0	0	0	1,232					
4411 Franklin South Ct (5,000 SF)	5,000	0	0	750	0	0	0	750					
4407 Franklin South Ct (2,880 SF)	2,880	0	0	432	0	0	0	432					
4400 Peytonsville Rd (6,768 SF)	6,768	0	0	1,015	0	0	0	1,015					
Total		1,826,138	3,009,287	692,959	3,819	1,171	1,629,400	2,322,680	2.3224	5.81	6.97	8.13	

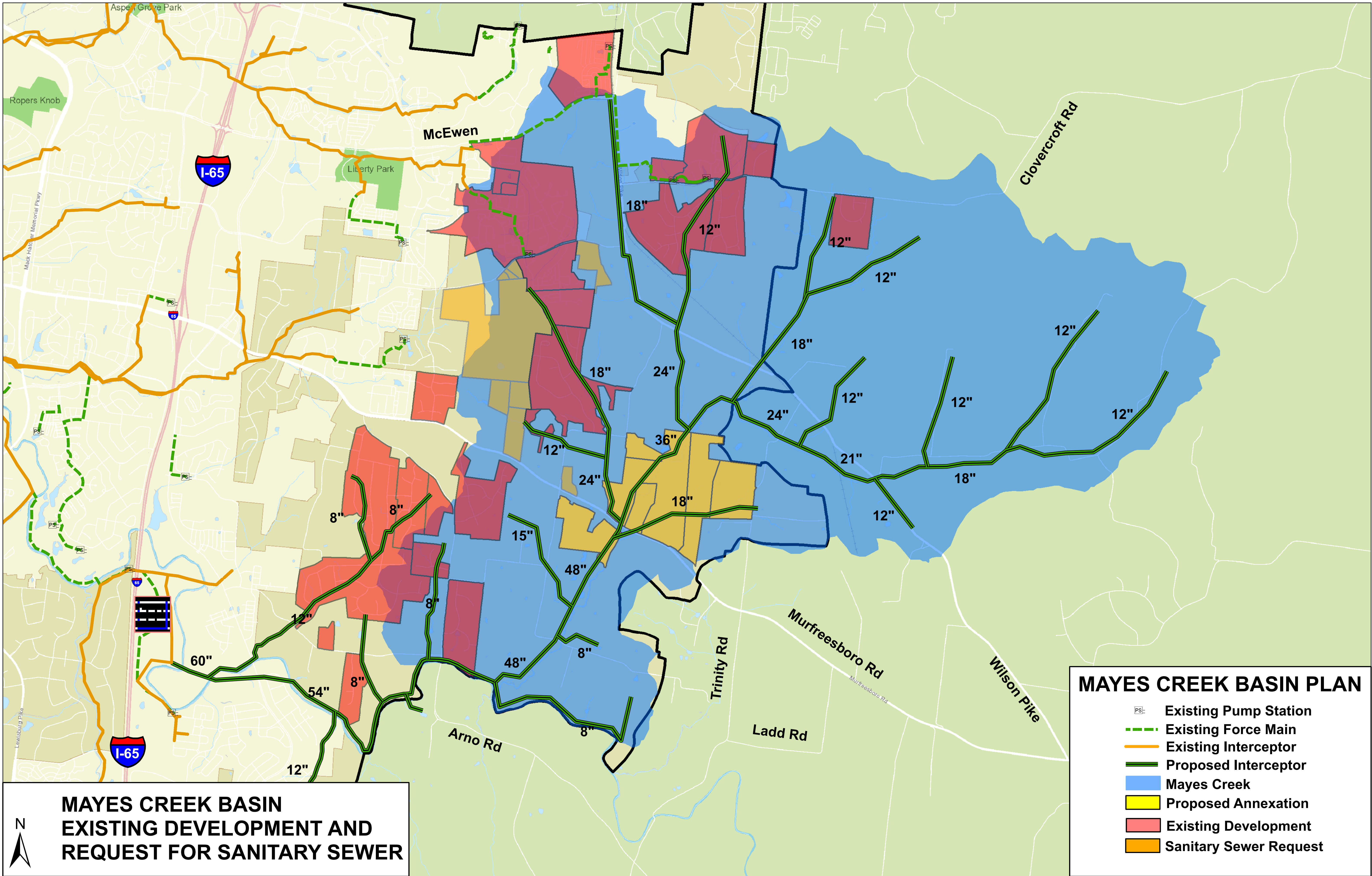
10 YR Projections - Future Development												
Development	Property Area (AC)	Non-Residential			Residential			Total GPD	Total MGD	Peak Flow (MGD) (PF=2.5)	Peak Flow (MGD) (PF=3)	Peak Flow (MGD) (PF=3.5)
		Retail (SF)	Office (SF)	GPD	RS/R2 (Units)	RM (Units)	GPD					
		(0.2 GPD/SF)	(0.1 GPD/SF)	TOTAL	(350 GPD/Unit)	(250 GPD/Unit)	Total					
Lewisubrg Pike Area	1,406	0	0	0	1,593	0	557,550	557,550	0.55755	1.393875	1.67265	1.951425
South Carothers Road Area	391	0	0	0	500	200	225,000	225,000	0.225	0.5625	0.675	0.7875
Old Peytonsville Rd Area	346	452,342	728,518	163,320	100	113	63,250	226,570	0.2265702	0.5664255	0.6797106	0.7929957
Long Lane Area	550	0	0	0	1,375	0	481,250	481,250	0.48125	1.203125	1.44375	1.684375
Goose Creek Area	44	70,000	62,000	20,200	30	70	28,000	48,200	0.0482	0.1205	0.1446	0.1687
Total	2,737	522,342	790,518	183,520	3,598	383	1,355,050	1,538,570	1.54	3.85	4.62	5.38



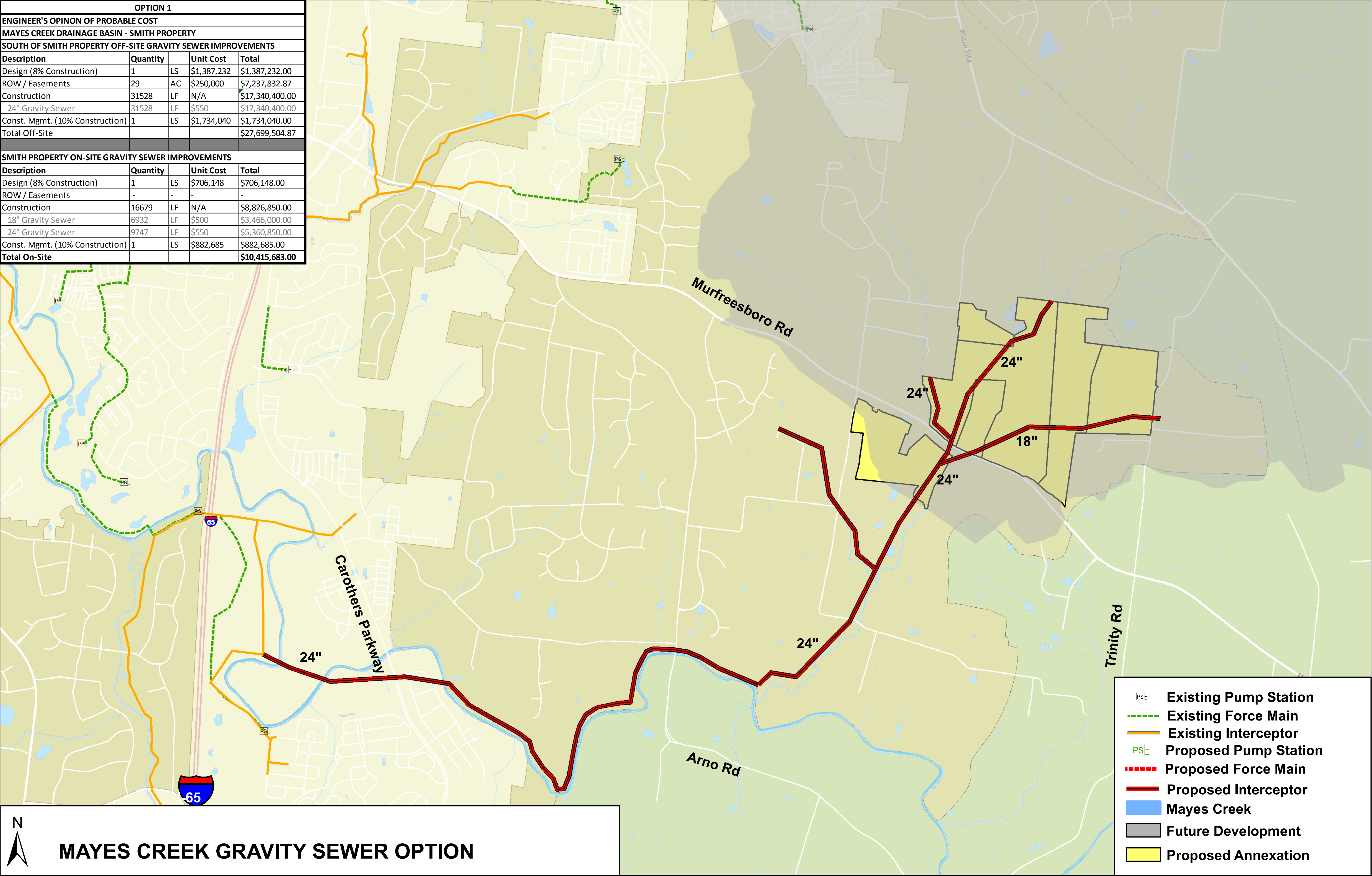
Mayes Creek Drairage Basin	
Total Acreage	9,849 AC
Project Housing Units	17,355 Units
Projected Population (2.55 pp/unit)	44255 People
Average Flow	6.086 MGD
Total Peak Flow	19.929 MGD

Proposed Annexation	
Total Acreage	491 AC
Dwelling Units Proposed	1,400 Units
Commercial Development	135000 SF
Average Flow	0.51025 MGD
Total Peak Flow	1.785875 MGD



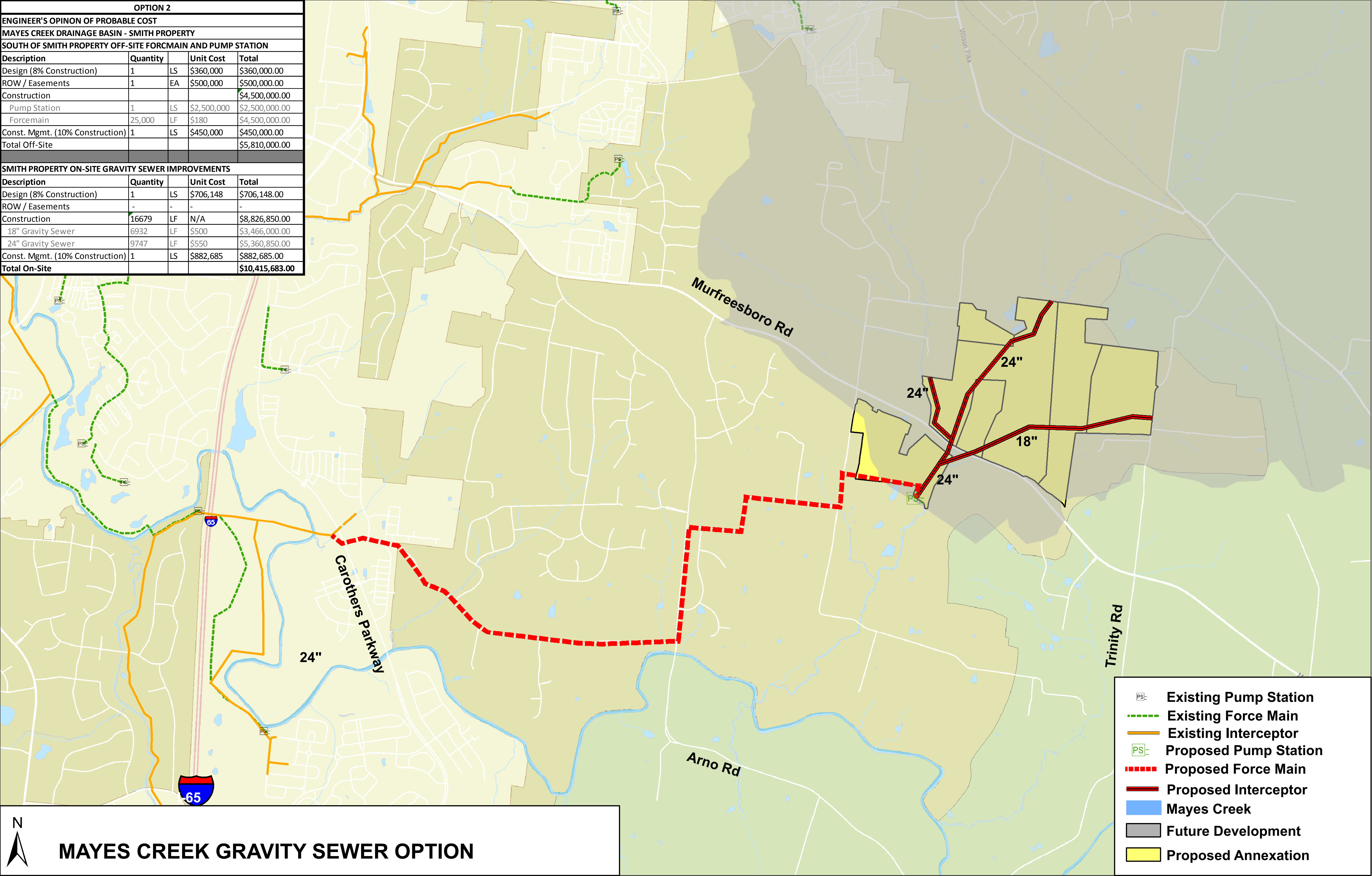


OPTION 1				
ENGINEER'S OPINON OF PROBABLE COST				
MAYES CREEK DRAINAGE BASIN - SMITH PROPERTY				
SOUTH OF SMITH PROPERTY OFF-SITE GRAVITY SEWER IMPROVEMENTS				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$1,387,232	\$1,387,232.00
ROW / Easements	29	AC	\$250,000	\$7,237,832.87
Construction	31528	LF	N/A	\$17,340,400.00
24" Gravity Sewer	31528	LF	\$550	\$17,340,400.00
Const. Mgmt. (10% Construction)	1	LS	\$1,734,040	\$1,734,040.00
Total Off-Site				\$27,699,504.87
SMITH PROPERTY ON-SITE GRAVITY SEWER IMPROVEMENTS				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$706,148	\$706,148.00
ROW / Easements	-	-	-	-
Construction	16679	LF	N/A	\$8,826,850.00
18" Gravity Sewer	6932	LF	\$500	\$3,466,000.00
24" Gravity Sewer	9747	LF	\$550	\$5,360,850.00
Const. Mgmt. (10% Construction)	1	LS	\$882,685	\$882,685.00
Total On-Site				\$10,415,683.00



MAYES CREEK GRAVITY SEWER OPTION

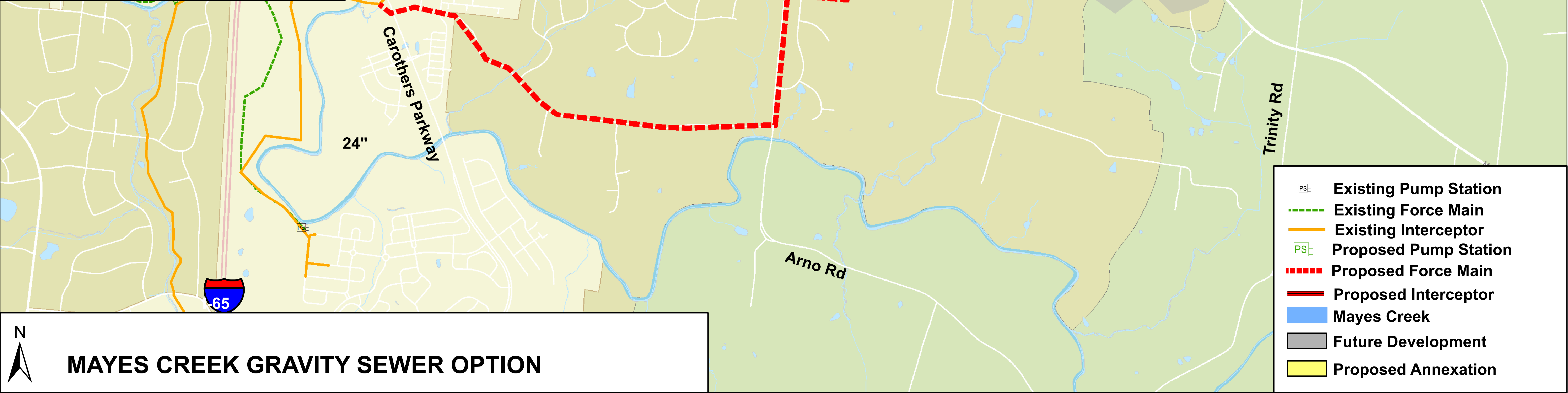
OPTION 2				
ENGINEER'S OPINON OF PROBABLE COST				
MAYES CREEK DRAINAGE BASIN - SMITH PROPERTY				
SOUTH OF SMITH PROPERTY OFF-SITE FORCMAIN AND PUMP STATION				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$360,000	\$360,000.00
ROW / Easements	1	EA	\$500,000	\$500,000.00
Construction				\$4,500,000.00
Pump Station	1	LS	\$2,500,000	\$2,500,000.00
Forcmain	25,000	LF	\$180	\$4,500,000.00
Const. Mgmt. (10% Construction)	1	LS	\$450,000	\$450,000.00
Total Off-Site				\$5,810,000.00
SMITH PROPERTY ON-SITE GRAVITY SEWER IMPROVEMENTS				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$706,148	\$706,148.00
ROW / Easements	-	-	-	-
Construction	16679	LF	N/A	\$8,826,850.00
18" Gravity Sewer	6932	LF	\$500	\$3,466,000.00
24" Gravity Sewer	9747	LF	\$550	\$5,360,850.00
Const. Mgmt. (10% Construction)	1	LS	\$882,685	\$882,685.00
Total On-Site				\$10,415,683.00



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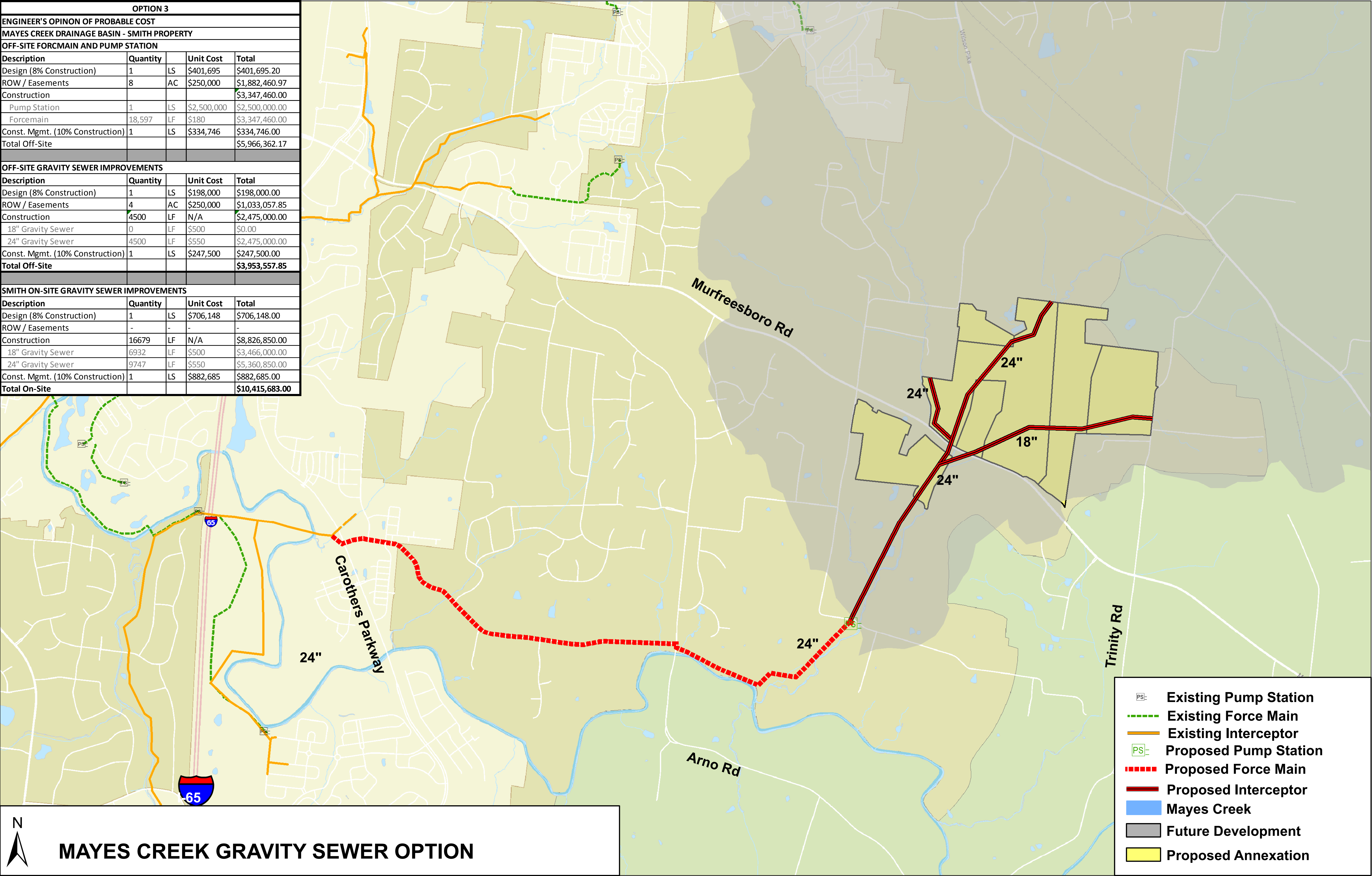
MAYES CREEK GRAVITY SEWER OPTION

OPTION 2A				
ENGINEER'S OPINON OF PROBABLE COST				
MAYES CREEK DRAINAGE BASIN - SMITH PROPERTY				
SOUTH OF SMITH PROPERTY OFF-SITE FORCMAIN AND PUMP STATION				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$288,725	\$288,724.90
ROW / Easements	1	EA	\$500,000	\$500,000.00
Construction				\$3,609,061.20
Pump Station	1	LS	\$2,500,000	\$2,500,000.00
Forcemain	20,050	LF	\$180	\$3,609,061.20
Const. Mgmt. (10% Construction)	1	LS	\$360,906	\$360,906.12
Total Off-Site				\$4,758,692.22
SMITH PROPERTY ON-SITE GRAVITY SEWER IMPROVEMENTS				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$706,148	\$706,148.00
ROW / Easements	-	-	-	-
Construction	16679	LF	N/A	\$8,826,850.00
18" Gravity Sewer	6932	LF	\$500	\$3,466,000.00
24" Gravity Sewer	9747	LF	\$550	\$5,360,850.00
Const. Mgmt. (10% Construction)	1	LS	\$882,685	\$882,685.00
Total On-Site				\$10,415,683.00
NORTH OF SMITH PROPERTY OFF-SITE GRAVITY SEWER IMPROVEMENTS				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$477,600	\$477,600.00
ROW / Easements	11	AC	\$250,000	\$2,846,648.30
Construction	12400	LF	N/A	\$5,970,000.00
8" Gravity Sewer	2000	LF	\$350	\$700,000.00
18" Gravity Sewer	9000	LF	\$500	\$4,500,000.00
24" Gravity Sewer	1400	LF	\$550	\$770,000.00
Const. Mgmt. (10% Construction)	1	LS	\$597,000	\$597,000.00
Total On-Site				\$9,891,248.30
WEST OF INGRAHAM PROPERTY OFF-SITE GRAVITY SEWER IMPROVEMENTS				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$180,000	\$180,000.00
ROW / Easements	6	AC	\$250,000	\$1,377,410.47
Construction	6000	LF	N/A	\$2,250,000.00
8" Gravity Sewer	3000	LF	\$350	\$1,050,000.00
10" Gravity Sewer	3000	LF	\$400	\$1,200,000.00
Const. Mgmt. (10% Construction)	1	LS	\$225,000	\$225,000.00
Total On-Site				\$4,032,410.47



MAYES CREEK GRAVITY SEWER OPTION

OPTION 3				
ENGINEER'S OPINON OF PROBABLE COST				
MAYES CREEK DRAINAGE BASIN - SMITH PROPERTY				
OFF-SITE FORCMAIN AND PUMP STATION				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$401,695	\$401,695.20
ROW / Easements	8	AC	\$250,000	\$1,882,460.97
Construction				\$3,347,460.00
Pump Station	1	LS	\$2,500,000	\$2,500,000.00
Forcemain	18,597	LF	\$180	\$3,347,460.00
Const. Mgmt. (10% Construction)	1	LS	\$334,746	\$334,746.00
Total Off-Site				\$5,966,362.17
OFF-SITE GRAVITY SEWER IMPROVEMENTS				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$198,000	\$198,000.00
ROW / Easements	4	AC	\$250,000	\$1,033,057.85
Construction	4500	LF	N/A	\$2,475,000.00
18" Gravity Sewer	0	LF	\$500	\$0.00
24" Gravity Sewer	4500	LF	\$550	\$2,475,000.00
Const. Mgmt. (10% Construction)	1	LS	\$247,500	\$247,500.00
Total Off-Site				\$3,953,557.85
SMITH ON-SITE GRAVITY SEWER IMPROVEMENTS				
Description	Quantity		Unit Cost	Total
Design (8% Construction)	1	LS	\$706,148	\$706,148.00
ROW / Easements	-	-	-	-
Construction	16679	LF	N/A	\$8,826,850.00
18" Gravity Sewer	6932	LF	\$500	\$3,466,000.00
24" Gravity Sewer	9747	LF	\$550	\$5,360,850.00
Const. Mgmt. (10% Construction)	1	LS	\$882,685	\$882,685.00
Total On-Site				\$10,415,683.00



N

MAYES CREEK GRAVITY SEWER OPTION

- Existing Pump Station
- Existing Force Main
- Existing Interceptor
- Proposed Pump Station
- Proposed Force Main
- Proposed Interceptor
- Mayes Creek
- Future Development
- Proposed Annexation

