

Burt Township Sanitary Sewer System

Feasibility Study
Ultimate Service Study

Burl Township		Priority 1															
Item No.	Item Description	Total Project Quantity	Unit	Unit Price	Total Project Extension	Construction	Design	Permit	Utility	Other	Other	Other	Other	Other	Other	Other	Other
S-020	17" 50R-36 PVC Sanitary Sewer Main	41,238	LFT	\$ 34.28	\$ 1,419,318.87	400	400	0	0	0	0	0	0	0	0	0	0
S-023	17" 50R-36 PVC Sanitary Sewer Main	0	LFT	\$ 37.47	\$ -	0	0	0	0	0	0	0	0	0	0	0	0
S-024	17" 50R-36 PVC Sanitary Sewer Main	0	LFT	\$ 42.96	\$ -	0	0	0	0	0	0	0	0	0	0	0	0
S-025	17" 50R-36 PVC Sanitary Sewer Lateral	9,755	LFT	\$ 26.48	\$ 258,577.23	96	96	100	45	330	271	66	0	450	0	1545	\$43,838
S-027	6" 40R-18 PVC Sanitary Sewer Lateral	327	EACH	\$ 66.28	\$ 21,693.31	3	3	0	0	11	0	0	0	15	0	51.2	\$4,438
S-029	4" Dia. Precast Concrete Standard Sanitary Manhole (6' 0")	187	EACH	\$ 2,061.50	\$ 383,248.75	2	2	4	1	5	0	0	0	7	0	23	\$48,038
S-031	4" Dia. Precast Concrete Standard Sanitary Manhole (6' 0")	882	EACH	\$ 126.42	\$ 111,482.52	8	8	16	4	20	0	0	0	20	0	80	\$11,838
S-032	4" Dia. Precast Concrete Standard Sanitary Manhole (6' 0")	882	EACH	\$ 126.42	\$ 111,482.52	8	8	16	4	20	0	0	0	20	0	80	\$11,838
S-033	Sanitary Sewer Lateral Cleanout	63,028	LBS	\$ 1.41	\$ 88,871.32	756	756	1500	375	1875	0	756	0	2625	0	8925	\$12,238
S-034	Sanitary Sewer Lateral Cleanout	327	EACH	\$ 224.50	\$ 73,400.73	3	3	0	0	11	0	0	0	15	0	51.2	\$11,838
S-037	17" 50R-36 PVC Sanitary Sewer Lateral	5,206	LFT	\$ 26.81	\$ 139,562.33	0	0	0	0	0	0	0	0	0	0	0	\$0
S-038	Sanitary Sewer Manhole	41,238	LFT	\$ 0.88	\$ 36,307.32	400	400	0	0	0	0	0	0	2033	0	8936	\$9,838
S-039	Pump Station	2	EACH	\$ 250,000.00	\$ 500,000.00	0	0	0	0	0	0	0	0	2033	0	8936	\$9,838
M-001	Installation 10% of Total Base Bid Materials	0.00	LSUM	\$ 24,166.67	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$0
M-002	Construction Staking	0.00	LSUM	\$ 17,066.67	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$0
M-003	Barriers, Type II, High Intensity, Double Sides, Upland	0	EACH	\$ 142.50	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$0
M-004	Sign, Top 3, Temporary	0	EFT	\$ 4.33	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$0
M-005	Minor Traffic Control Devices	0.00	LSUM	\$ 2,400.00	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$0
M-006	Utility Easement	0	EACH	\$ 262.21	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$0
M-007	Site Checking and Grubbing	0.00	ACRES	\$ 5,025.00	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$0
M-008	Site Check	0	LFT	\$ 1.74	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$0
B-027	1-1/2" Blankets Main, MDOT 13A - Lending Crane	7,408	TON	\$ 61.00	\$ 451,888.00	96	96	100	45	330	96	96	0	0	0	0	\$0
B-028	1-1/2" Blankets Main, MDOT 13A - Top Course	7,408	TON	\$ 61.00	\$ 451,888.00	96	96	100	45	330	96	96	0	0	0	0	\$0
B-029	2" Blankets Secondary Approach, MDOT 13A	170	TON	\$ 90.00	\$ 15,300.00	0	0	0	0	0	0	0	0	0	0	0	\$0
B-030	Aggregate Base Layer 18", MDOT 22A, 8" (C/P)	83,538	CYD	\$ 4.75	\$ 396,786.75	960	960	1560	490	3670	960	960	0	0	0	0	\$47,238
B-031	Subbase, MDOT Course 1, 12" (C/P)	83,538	CYD	\$ 2.87	\$ 238,854.06	960	960	1560	490	3670	960	960	0	0	0	0	\$24,838
B-032	Gravel Shoulder, MDOT 23A	5,334	TON	\$ 11.41	\$ 60,823.31	33	33	66	16.5	125	33	33	0	0	0	0	\$3,838
B-033	Gravel Shoulder Approach, MDOT 23A	0	TON	\$ 10.58	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$0
B-034	Aggregate Surface Course, MDOT 23A, 8" (C/P)	7,408	CYD	\$ 3.88	\$ 28,533.94	92	92	106	44.5	200	92	92	0	0	0	0	\$3,338
B-035	Rock Drainage - Mechanical Method	0	CYD	\$ 61.69	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$0
Total Conceptual Construction Cost Estimate \$					4,628,833												\$4,227,838



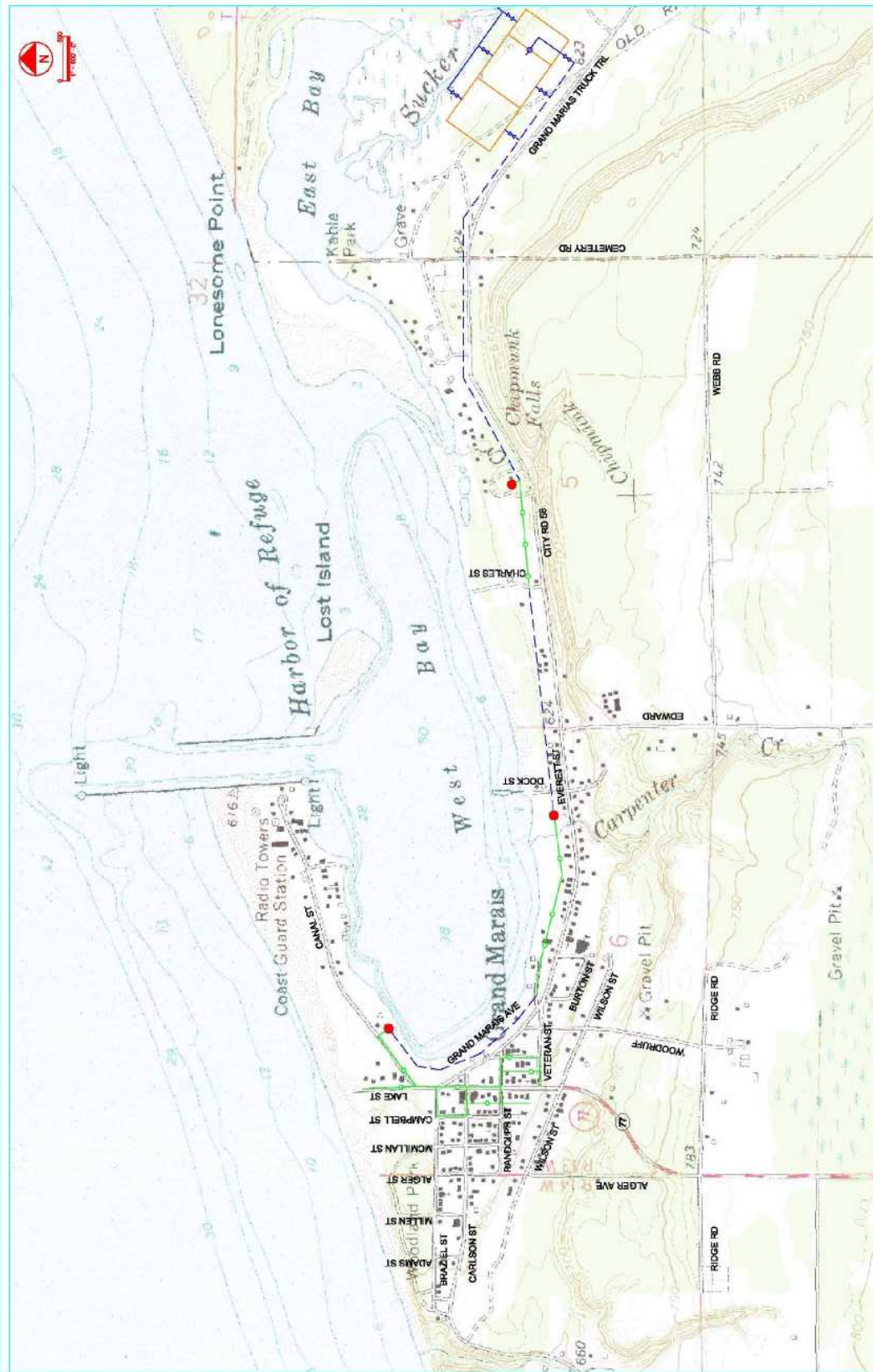
Burt Township
Sanitary Sewer System
Feasibility Study
Ultimate Service Study

Immediate Service Area
Priority 1

Date	Revised

Project Number
210578
9-202 REVISION NUMBER

G-1
SHEET 06 OF 04



- PIPING AND SYMBOL LEGEND:**
- PROPOSED GRAVITY SEWER
 - - - PROPOSED FORCE MAIN
 - PROPOSED PUMP STATION



Burt Township
Sanitary Sewer System
Feasibility Study
Ultimate Service Study

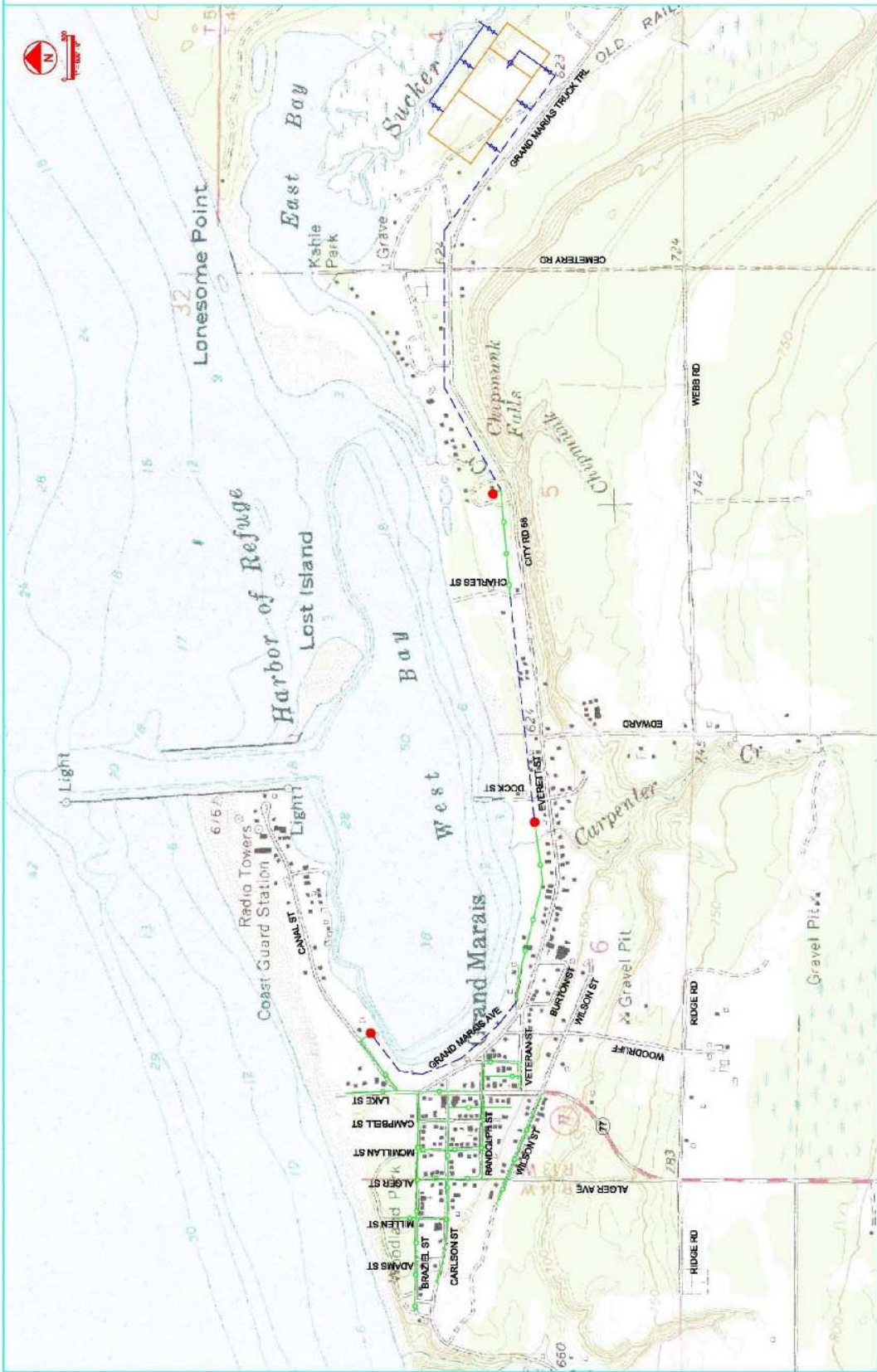
Immediate Service Area
Plus Expanded Area
Priority 1 + A

Revised	Date	Description

Drawn: JMS 09/24/2018
Checked: JMS 10/22/2018
Approved: JMS 10/22/2018

PROJECT NUMBER
2110878
SHEET NUMBER: NUMBER

G-2
SHEET 28 OF 48



PIPING AND SYMBOL LEGEND:

- PROPOSED GRAVITY SEWER
- PROPOSED FORCEMAIN
- PROPOSED PUMP STATION



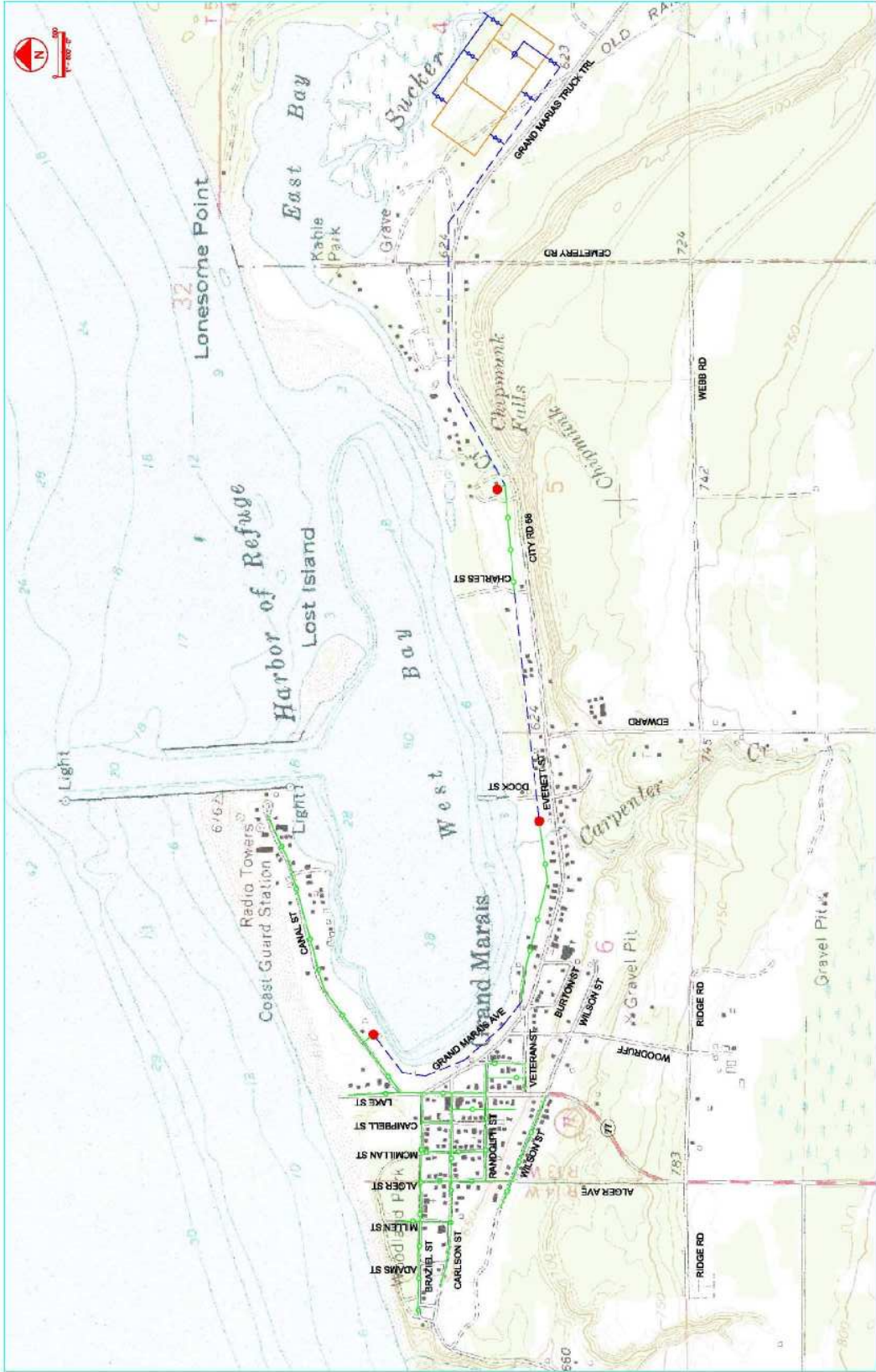
1212 COMMUNITYWAY
 1000 Oak Avenue
 11111 Spring, TX 75845
 281.256.2200
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 Registered Professional Engineer
 State of Texas, License No. 15432
 State of Louisiana, License No. 15432

Burt Township
 Sanitary Sewer System
 Feasibility Study
 Ultimate Service Study

Immediate Service Areas
 Plus Expanded Service Areas
 Priority 1 + A + B

NO.	REVISION

PROJECT NUMBER
 2110578
 SHEET NUMBER
 G-3
 SHEET OF 67 SHEETS



PIPING AND SYMBOL LEGEND:

- PROPOSED GRAVITY SEWER
- PROPOSED FORCE MAIN
- PROPOSED PUMP STATION



Burt Township
 Sanitary Sewer System
 Feasibility Study
 Ultimate Service Study

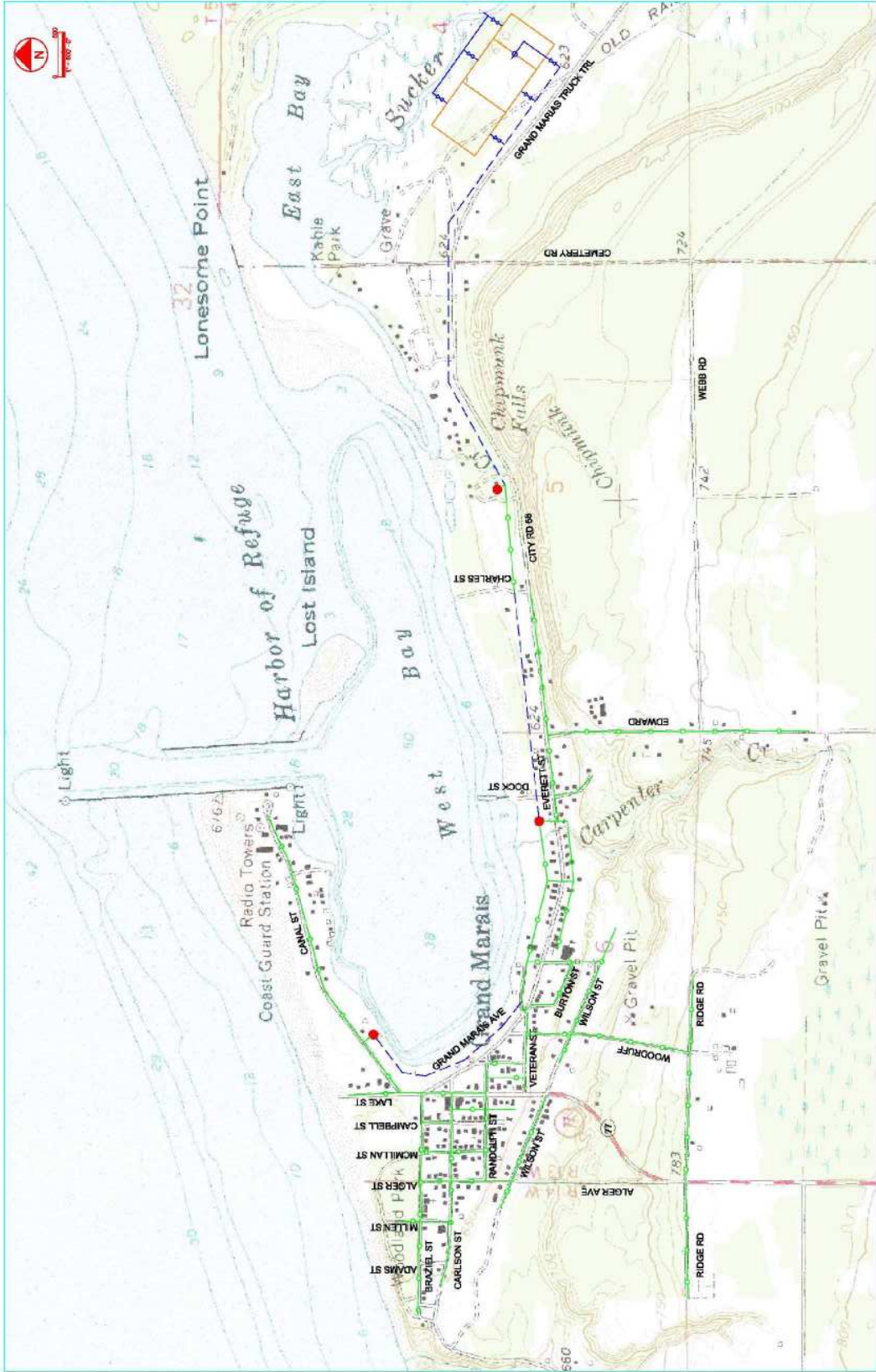
Immediate Service Area
 Plus Expanded Service Areas
 Priority 1+A+B+C

Revised	
Drawn	
Checked	
Approved	
Project Number	210878
Project Name	
Project Location	
Project Date	
Project Status	

Project Number: 210878
 Project Name: Sanitary Sewer System Feasibility Study
 Project Location: Burt Township, TX
 Project Date: 10/24/2020
 Project Status: Final

G-4

Sheet 06 of 06



PIPING AND SYMBOL LEGEND:

- PROPOSED GRAVITY SEWER
- - - PROPOSED FORCE MAIN
- PROPOSED PUMP STATION

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 www.stsenvironmental.com

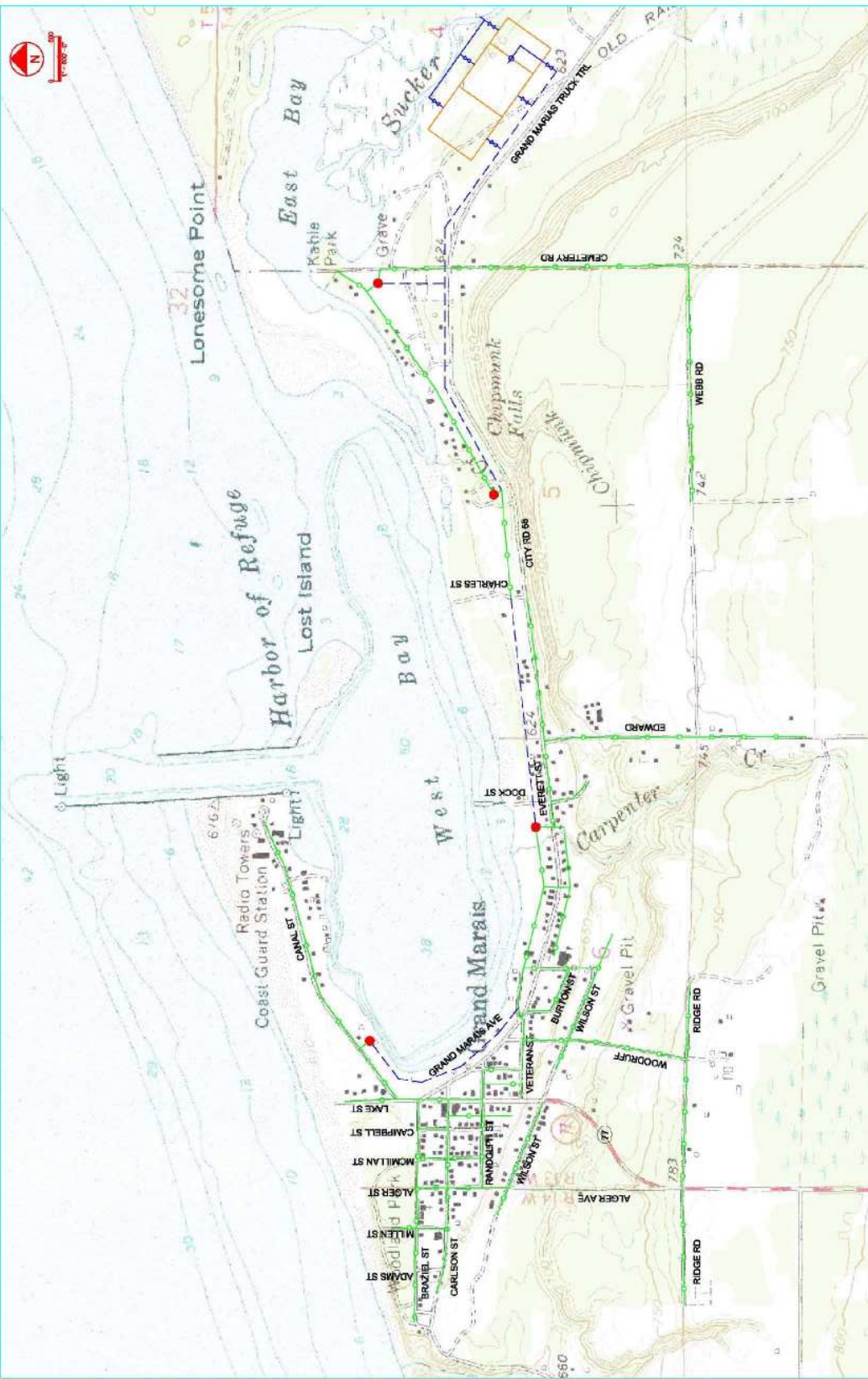
Burt Township
 Sanitary Sewer System
 Feasibility Study
 Ultimate Service Study

Ultimate Service Area

Revised	
By	
Date	
Revised	
By	
Date	

Project No. 18-014 (2018)
 Drawing No. 20/24/2018
 Approval No. 20/24/2018
 Project Number
 210878
 9-022 REFERENCE NUMBER

G-5
 SHEET 06 OF 06



PIPING AND SYMBOL LEGEND:

- PROPOSED GRAVITY SEWER
- - - PROPOSED FORCEMAIN
- PROPOSED PUMP STATION