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ATTACHMENT NO. 1

PRELIMINARY ENGINEERING REPORT FOR  
ECONOMIC DEVELOPMENT ADMINISTRATION  
FUNDING



Prepared For:  
Colleton County 201  
109 Benson Street  
Walterboro, SC 29488

Prepared By:



THOMAS & HUTTON

Columbia, South Carolina

Project No. 29851.0000  
August 2023

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The following documentation has been prepared in accordance with the Economic Development Administration (EDA) Grant Application for FY 2023 Disaster Supplemental funds based on the April 24, 2023 NOFO.

## 1. Project Summary

The proposed infrastructure improvements, including water, sewer and roadway improvements are located in Colleton County at the Colleton Mega Site and the Stokes Tract both of which are located just off I-95.

The Colleton Mega Site is located on SC Highway 64 just off Interstate 95 (Exit 57). The Mega Site is a developing industrial park within Colleton County. The 1,481-acre site is near Walterboro, SC within Colleton County. The site is served by Palmetto Railways and is located close to the Aerospace Hubs and Ports of both Charleston, SC and Savannah, GA. Project Lion has committed to locating in the Industrial Park and creating 95 jobs while making an investment of \$375 million. This portion of the project will provide water and wastewater to serve the site along with an entrance roadway to the site. The proposed roadway while serving this site will also open up additional parcels in the Park for development purposes.

The planned construction project associated with this portion of the project includes the construction of six thousand four hundred sixty five linear feet (6,465 LF) of 10" water main, thirteen (13) fire hydrants, twenty-three thousand linear feet (23,000 LF) of 8" wastewater force main, two thousand three hundred fifty linear feet (2,350 LF) of 8" gravity sewer, a five hundred thousand gallons per day (500,000 GPD) wastewater pump station and six thousand eight hundred ten linear feet (6,810 LF) roadway extension from Belles Highway (Hwy. 64) through the Industrial Park to serve the Project Lion site. This entrance roadway will run from Hwy. 64 into the Mega Site Industrial Park and end with a roundabout. From the roundabout, the road will be extended to the property boundary of Project Lion.

The Stokes Tract Site is located on McLeod Road just off Interstate I-95 (Exit 62). The Stokes Tract is an additional developing industrial tract within Colleton County. This site is served by Palmetto Railways and is in close proximity to the Aerospace and Automotive Hubs of Charleston, Sc and Savannah, Ga as well. Boise Cascade Company, a leading manufacturer and distributor for building materials has committed to locate in this industrial tract and has committed to constructing their first distribution location in South Carolina. The company has committed to a \$9 million investment and the creation of 30 jobs. This portion of the project will provide water and wastewater service to the company.

The planned construction project associated with this portion of the project includes the construction of approximately ten thousand linear feet (10,000 LF) of 12" water main, eleven (11) fire hydrants, approximately eight thousand five hundred linear feet (8,500 LF) of 18" gravity main and four thousand linear feet (4,000 LF) of 10" force main and a five hundred thousand gallons per day (500,000 gpd) pump station. In addition, upgrades will be made to the existing pump station. In order for the water and sewer service to be extended to the site, boring under I-95 will be necessary. In addition to the Boise Cascade site, additional undeveloped parcels in the Park will have access to both water and sewer services as a result of this project, opening up the area to further industrial development. Additionally, nine thousand three hundred ten linear feet (9,310 LF) of Roadway widening and repaving will be completed along Risher Mountain Road to serve the tract.

## **2. Basis of Design**

The design of the water improvements is based on current South Carolina Department of Health and Environmental Control (SCDHEC) drinking water standards.

The design of the roadway is based on the South Carolina Department of Transportation (SCDOT) Standards. The road within the Colleton Mega Site will not be owned by SCDOT but the improvements along Risher Mountain Road will be turned over the SCDOT after construction completion. The standard as to what the road will be designed provide design criteria for state-owned roads. Other design criteria include speed limit, roadway width, right-of-way width and SCDOT roadway classification.

### **2.1. Future Demands**

Both of these areas are in close proximity to Interstate 95 with access to both the ports of Charleston and Savannah, making these locations a prime opportunity for development. Colleton County is positioning themselves for future opportunities while providing for current ones. With the water, wastewater and entrance road construction at the Colleton Mega Site and the water and wastewater infrastructure to serve the Stokes Tract, additional parcels at both locations will be more available for development making the County more attractive to other companies looking to locate.

## **3. Project Components**

As previously discussed, the construction at the Colleton Mega Site will consist of six thousand four hundred sixty five linear feet (6,465 LF) of 10" water main, twenty-three thousand linear feet (23,000 LF) of 8" wastewater force main, two thousand three hundred fifty linear feet (2,350 LF) of 8" gravity sewer, a five hundred thousand gallons per day (500,000 GPD) wastewater pump station and six thousand eight hundred ten linear feet (6,810 LF) roadway extension from Belles Highway (Hwy. 64) through the Industrial Park to serve the Project Lion site.

The construction at the Stokes Tract will consist of approximately ten thousand linear feet (10,000 LF) of 12" water main along with approximately eight thousand five hundred linear feet (8,500 LF) of 18" gravity line and four thousand linear feet (4,000 LF) of 12" force main and a five hundred thousand gallons per day (500,000 gpd) pump station. In addition, upgrades will be made to the existing pump station.

The components identified in this report are consistent with the ED- 900 application associated with the project. The primary beneficiary identified in B.9 of the ED-900 application will be Colleton County. The location of the proposed projects and primary beneficiary are identified on the map located in Appendix A of this report.

#### **4. Permits**

Permits necessary for this construction project will include:

- SCDOT Utility Encroachment Permit
- SCDOT Driveway Encroachment
- SCDHEC Land Disturbance Permit
- SCDHEC Ocean and Coastal Resource Management (OCRM) – NPDES
- SCDHEC Water Permit to Construct
- SCDHEC Wastewater Permit to Construct
- USACE Wetland Permit

Permitting of the Colleton Mega Site Wastewater Improvements will require approximately five months for review and approval. Permitting for the Mega Site Water and Road Improvements will also take approximately 5 months for review and approval.

Permitting for the Stokes Tract Water, Wastewater and Roadway Improvements will require approximately five months for review and approval.

This time required to obtain approved permits is included in the project schedule discussed in Section 7 as well as in Appendix C.

#### **5. Construction**

Preliminary project locations and roadway widening locations are shown on the map in Appendix A and Appendix D of this report. Construction methods for this project will be typical. At the completion of the design and successful permitting, the project will be able to proceed to construction with a schedule typical to the scale of the proposed.

At the completion of design and successful permitting, the project will be developed into 2 competitive bid packages for each site. Each site will procure the road work separate from the infrastructure work for a total of 4 bid packages. The bid packages will then be procured through Colleton County and South Carolina procurement procedures. Bid competition will be based on price, bidder experience, competence, and other Colleton County curriculum typical with South Carolina procedures. Bid procurement for construction services will also incorporate all EDA regulations as identified in 13 C.F.R. 305.6(a).

Once the successful bidders are identified, a single contract award will be issued to each successful bidder, and construction will commence on the project as designed. When construction is complete, closeout will be conducted per Colleton County protocols. After construction is complete, Colleton County will turn the water and wastewater improvements over to the City of Walterboro who will maintain them. The Roadway Improvements inside the Mega Site will be owned and maintained by Colleton County. The Roadway Improvements to Risher Mountain Road will be turned over to SC DOT at the conclusion of the project.

## **6. Project Budget**

The proposed total budget for the project associated with this grant application is approximately \$25,713,265.

The cost for the Roadway, Water and Wastewater Improvements at the Colleton Mega Site will be \$15,287,940.

The cost of the Roadway, Water and Wastewater Improvements at the Stokes Tract will be \$10,425,325.

The applicant is requesting an 80/20 cost share for the construction portion of the project totaling \$20,570,612 requested. A detailed construction budget is attached to this report as Appendix B Unit prices identified for the components comprising this project are based on similar projects bid in recent years within the region.

## **7. Project Schedule**

The proposed projects schedule from design to the completion of construction is based on a twenty-three-point-one (23.1) month schedule. Topographic Survey, Subsurface Geotechnical Exploration, and Utility Coordination will begin the schedule. After two (2) months for the Topographic Survey, Engineering Design will commence. Engineering Design for the Mega Site will take approximately one (1) month. For the Stokes tract, three (3) months of Engineering Design will be followed by Permitting then Advertise/Bid/Contract Award and Utility Relocations. Once Advertise/Bid/Contract Award is complete in two months, there is 365 days allotted to construction of each phase of the projects. A more detailed project schedule chart can be found in Appendix C.



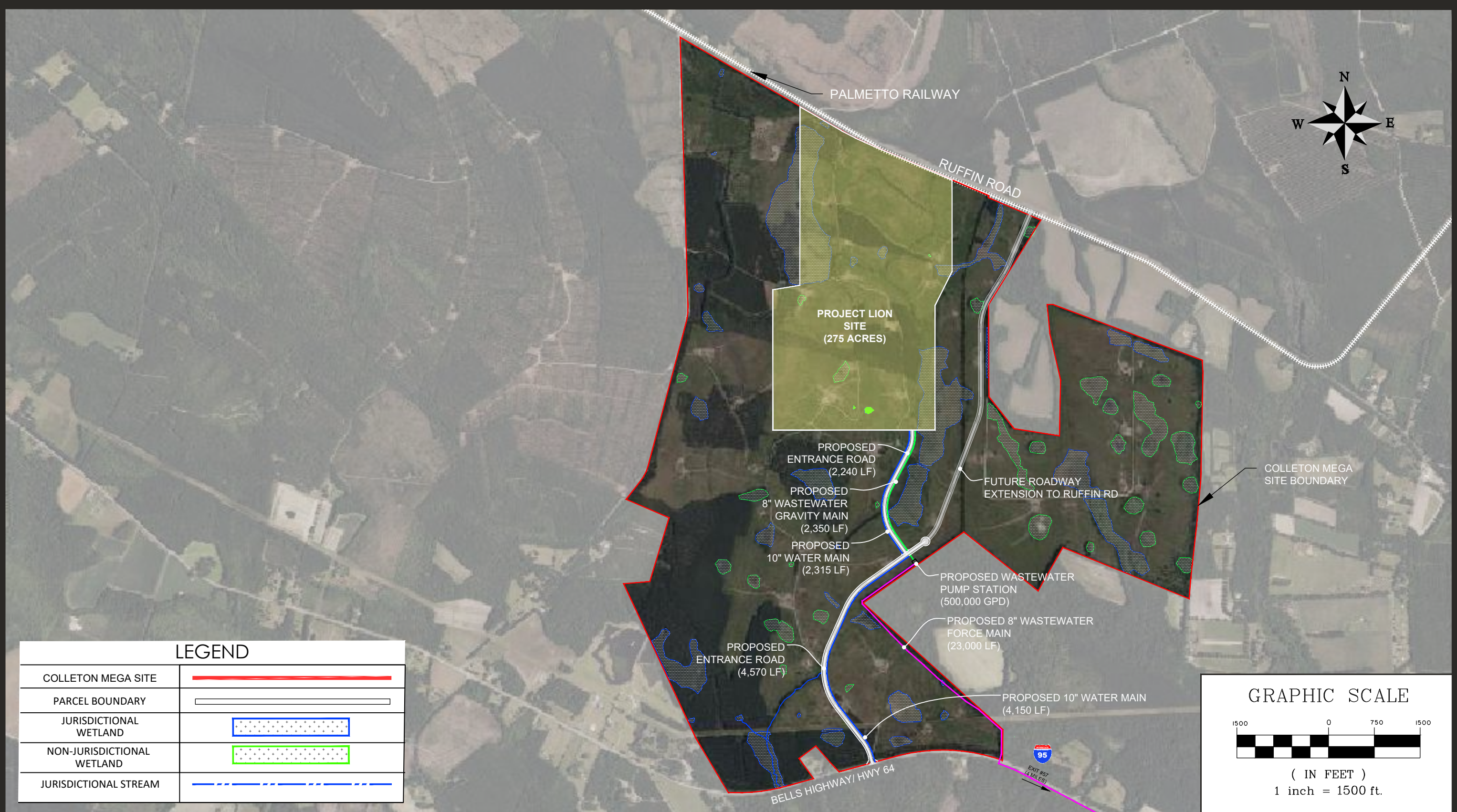
## **8. Conclusion**

The water, wastewater, and roadway improvements at both the Colleton Mega Site and the Stokes Tract will be a boost to the local economy and region that is currently in need of more employment opportunities. The useful life of the improvements should be 50 years or more. Both the Colleton Mega Site and the Stokes Tract have companies committed to locating and creating jobs. The improvements made at both parks will also aid in making additional parcels more attractive to other companies considering South Carolina.

The location of the Colleton Mega Site and the Stokes Tract along Interstate 95 and the close proximity to the ports of Charleston and Savannah, make these locations prime spots for local economic growth and innovation, improving the high-quality job availability and further improving living standards within Colleton County and surrounding counties. With the ability to attract additional companies to each location, Colleton County will be in the perfect spot to market other parcels to both foreign and domestic based companies, which could lead to more regional collaboration, innovation, and economic growth. For these reasons, the project is recommended for design and construction as proposed here. A successful EDA application will assist the completion of each project, bringing much needed jobs to the area.

Appendix A  
*Project Improvements Exhibit*

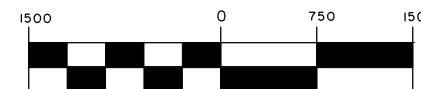




**LEGEND**

COLLETON MEGA SITE	
PARCEL BOUNDARY	
JURISDICTIONAL WETLAND	
NON-JURISDICTIONAL WETLAND	
JURISDICTIONAL STREAM	

**GRAPHIC SCALE**



( IN FEET )  
1 inch = 1500 ft.

PREPARED FOR:



PHASE 1 INFRASTRUCTURE IMPROVEMENTS PLAN  
COLLETON MEGA SITE  
COLLETON COUNTY, SC

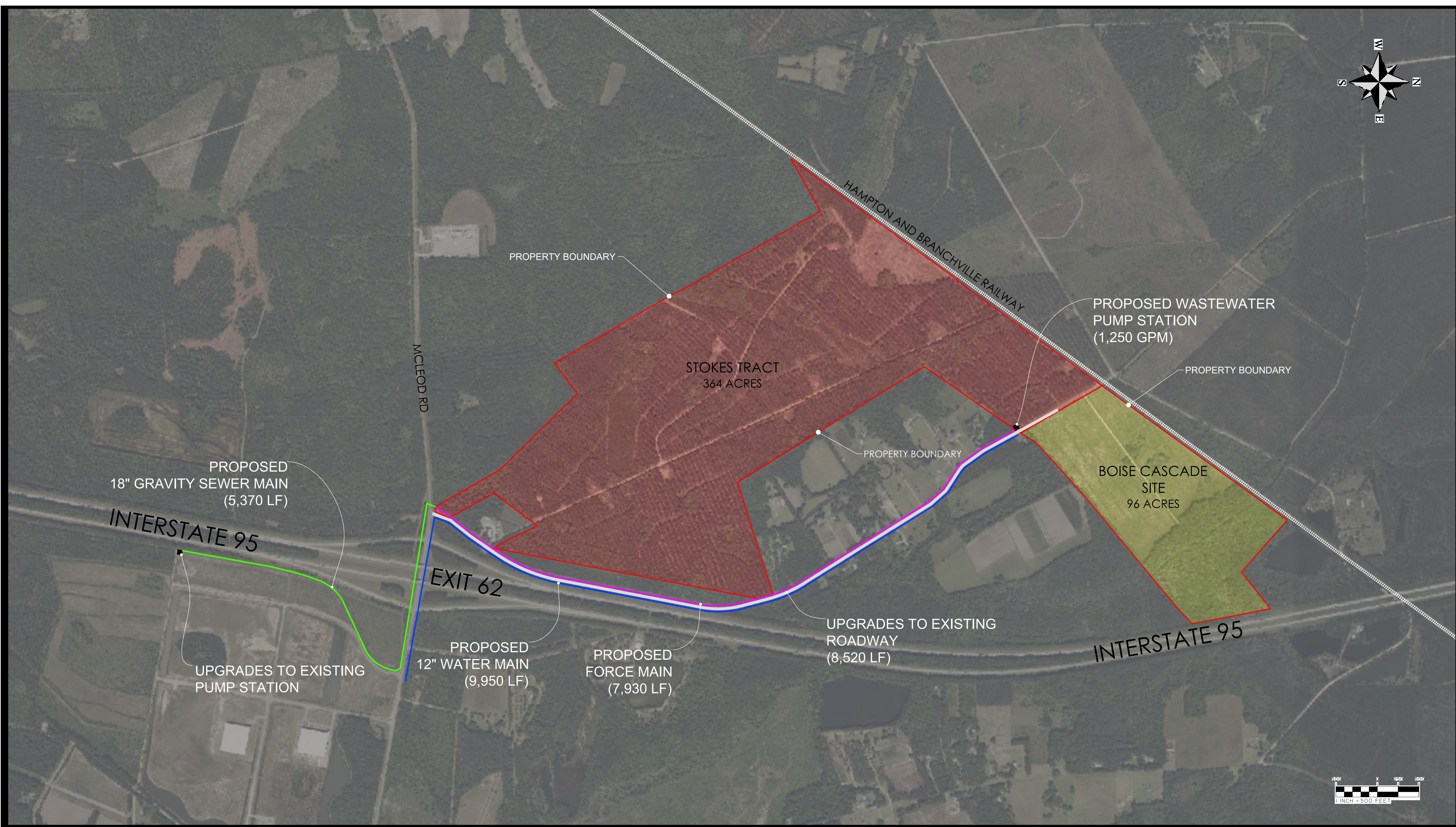
JULY 28, 2023



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This map illustrates a general plan of the development which is for discussion purposes only. Does not limit or bind the owner and is subject to change and position locations are for illustrative purposes only and are subject to an accurate survey and property description. The producer assumes no legal responsibility for the appreciation or depreciation of any premises, commercial or otherwise, by reason of their inclusion or exclusion from this map. The information contained in this map is subject to change with our notice and is for illustrative purposes only. Unit counts shown above are approximate and may change. Values were provided by outside sources and have not been verified.





PROPOSED 18" GRAVITY SEWER MAIN (5,370 LF)

INTERSTATE 95

UPGRADES TO EXISTING PUMP STATION

EXIT 62

PROPOSED 12" WATER MAIN (9,950 LF)

PROPOSED FORCE MAIN (7,930 LF)

UPGRADES TO EXISTING ROADWAY (8,520 LF)

PROPOSED WASTEWATER PUMP STATION (1,250 GPM)

BOISE CASCADE SITE 96 ACRES

STOKES TRACT 364 ACRES

PROPERTY BOUNDARY

PROPERTY BOUNDARY

PROPERTY BOUNDARY

HAMPTON AND BRANCHVILLE RAILWAY

MCLEOD RD

INTERSTATE 95



PREPARED FOR:

# INFRASTRUCTURE IMPROVEMENTS PLAN BOISE CASCADE SITE AND STOKES TRACT COLLETON COUNTY, SC

AUGUST 7, 2023

**THOMAS & HUTTON**  
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This map illustrates a general plan of the development which is for discussion purposes only, does not limit or bind the owner/developer, and is subject to change and revision without prior written notice to the holder. Dimensions, boundaries and position locations are for illustrative purposes only and are subject to an accurate survey and property description.  
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Appendix B  
*Preliminary Cost Estimate*

**Preliminary Cost Estimate**

**Colleton Mega Site  
Water System Improvements**

**Water System Improvements (6,465 LF of 10-inch Water Main from SC Hwy 64 to Project Lion Site along Entrance Road)**

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Item</u>	<u>Unit Price</u>	<u>Total</u>
1	1	LS	Mobilization	\$90,000 \$	90,000
2	1	LS	Erosion & Sediment Control	\$30,000 \$	30,000
3	1	LS	Construction Staking	\$10,000 \$	10,000
4	5	AC	Clearing & Grubbing	\$15,000 \$	75,000
5	6,465	LF	10" PVC Water Main (C900; with appurtenances)	\$120 \$	775,800
6	3	EA	12" PVC Tee	\$1,500 \$	4,500
7	1	EA	Connection to Existing System	\$17,500 \$	17,500
8	13	EA	Fire Hydrant Assemblies	\$10,000 \$	130,000
9	14	EA	10" Gate Valves	\$15,000 \$	210,000
10	1	EA	Temporary Backflow and Meter	\$5,000 \$	5,000
11	1	LS	Traffic Control	\$5,000 \$	5,000
12	5	AC	Grassing	\$6,500 \$	32,500
				<b>Water System Improvements Subtotal: \$</b>	<b>1,385,300</b>
				<b>Contingency (20%): \$</b>	<b>277,060</b>
				<b>Water System Improvements Subtotal: \$</b>	<b>1,662,360</b>

- Notes:
1. Cost Estimate based on Phase 1 Infrastructure Improvements Plan dated July 28, 2023.
  2. Topographic survey of utility alignment needed prior to any design.
  3. Grassing includes all areas to be cleared.
  4. Cost above does not include impact / capacity fees to local utility.
  5. Preliminary Estimate above is based on opinion and experience and subject to change pending Colleton County & SCDHEC requirements at time of submittal and actual field conditions.

## Preliminary Cost Estimate

### Colleton Mega Site Wastewater System Improvements

#### Wastewater Improvements (2,350 LF 8-inch Gravity Main, On-Site Pump Station & 23,000 LF 8-inch Force Main to I-95 Exit 57)

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Item</u>	<u>Unit Price</u>	<u>Total</u>
1	1	LS	Mobilization, Bonds and Insurance	\$ 167,500	\$ 167,500
2	1	LS	Construction Stakes, Lines & Grading	\$ 10,000	\$ 10,000
3	12	AC	Clearing and Grubbing	\$ 6,500	\$ 78,000
4	25,350	LF	Silt Fence	\$ 4.00	\$ 101,400
5	1	LS	Erosion Control	\$ 50,000	\$ 50,000
6	2,350	LF	8-inch PVC Gravity Main	\$ 170	\$ 399,500
7	8	LF	Sewer Manholes	\$ 15,000	\$ 120,000
8	1	EA	500,000 GPD Pump Station - Complete	\$ 1,250,000	\$ 1,250,000
9	19,000	LF	8-inch PVC C-900 Force Main (Open Cut Installation)	\$ 90	\$ 1,710,000
10	4,000	LF	8-inch HDPE Force Main (Directional Drill)	\$ 400	\$ 1,600,000
11	50	LF	Jack & Bore (16" Casing with 8" PVC)	\$ 550	\$ 27,500
12	1	EA	8-inch Plug Valve in Valve Vault	\$ 15,000	\$ 15,000
13	20	EA	Air Release Valve in Manhole	\$ 10,000	\$ 200,000
14	1	LS	Driveway Pavement Replacement	\$ 50,000	\$ 50,000
15	1	LS	Traffic Control	\$ 50,000	\$ 50,000
16	12	AC	Grassing	\$ 5,000	\$ 60,000
				<b>Wastewater Improvements Subtotal:</b>	<b>\$ 5,888,900</b>
				<b>Contingency (20%):</b>	<b>\$ 1,177,780</b>
				<b>Wastewater Infrastructure Improvements Total:</b>	<b>\$ 7,066,680</b>

Notes:

1. Cost estimate based on SC Highway 64 Mega Site Wastewater Improvement Options Map.
2. Costs for the force main include the appurtenances necessary to complete the design (joints, fittings, etc.)
3. Cost do not include permit fees, impact fees, wetland mitigation fees or property acquisition costs.
4. Pump Station to include testing, SCADA, backup generator, and all site work for a complete installation.

**Preliminary Cost Estimate**  
**Colleton Mega Site**  
**Proposed Entrance Road Improvements**

**Roadway Improvements (6,810 LF of 30' Wide Asphalt Paved Roadway)**

<b><u>Item</u></b>	<b><u>Quantity</u></b>	<b><u>Unit</u></b>	<b><u>Item</u></b>	<b><u>Unit Price</u></b>	<b><u>Total</u></b>
1	1	LS	Mobilization, Bonds, Insurance, General Conditions	\$ 200,000	\$ 200,000
2	1	LS	Construction Stakes, Lines & Grading	\$ 10,000	\$ 10,000
3	13,700	LF	Silt Fence	\$ 4.00	\$ 54,800
4	1	EA	Construction Entrance	\$ 7,500	\$ 7,500
5	1	LS	Erosion Control Measures	\$ 150,000	\$ 150,000
6	16	AC	Clearing and Grubbing	\$ 15,000	\$ 240,000
7	76,000	CY	Earthwork (Cut/Fill/Import)	\$ 25.00	\$ 1,900,000
8	500	SY	Rip-rap	\$ 100	\$ 50,000
9	2,200	LF	Storm Drainage Pipe	\$ 85.00	\$ 187,000
10	4	LS	Sediment Trap (with Skimmer)	\$ 18,000	\$ 72,000
11	23,500	SY	10" Graded Aggregate Base Course	\$ 30.00	\$ 705,000
12	22,700	SY	Asphalt Intermediate Course (Type B) (300 PSY)	\$ 25.00	\$ 567,500
13	22,700	SY	Asphalt Surface Course (Type B) (200 PSY)	\$ 15.00	\$ 340,500
14	1	LS	Turn Lane Improvements (along SC Hwy 64)	\$ 750,000	\$ 750,000
15	575	LF	Concrete Curb & Gutter	\$ 26.00	\$ 14,950
16	11	AC	Grassing	\$ 6,500	\$ 71,500
17	1	LS	Signage & Striping	\$ 125,000	\$ 125,000
18	1	LS	Traffic Control	\$ 20,000	\$ 20,000
				<b>Roadway Improvements Subtotal:</b>	<b>\$ 5,465,750</b>
				<b>Contingency (20%):</b>	<b>\$ 1,093,150</b>
				<b>Roadway Improvements Total:</b>	<b>\$ 6,558,900</b>

- Notes:
1. Cost Estimate based on Phase 1 Infrastructure Improvements Plan dated July 28, 2023.
  2. Earthwork includes grading for roadway construction.
  3. Grassing includes all areas to be cleared less pavement.
  4. Rip-rap placed at end of storm drainage pipes and emergency spillways to act as an energy dissipater and provide erosion control.
  5. Geotechnical Exploration will be required prior to design.
  6. Construction Materials Testing by geotechnical firm will be necessary during construction.
  7. Preliminary Estimate above is based on opinion and experience and subject to change pending Colleton County & SCDHEC requirements at time of submittal and actual field conditions.



**Preliminary Cost Estimate**

**Stokes Tract/Boise Cascade Site  
Water System Improvements**

**Water System Improvements (10,450 LF of 12-inch Water Main from the Colleton County Commerce Center to the Project Site along Rischer Mountain Road)**

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Item</u>	<u>Unit Price</u>	<u>Total</u>
1	1	LS	Mobilization	\$90,000 \$	90,000
2	1	LS	Erosion & Sediment Control	\$30,000 \$	30,000
3	1	LS	Construction Staking	\$15,000 \$	15,000
4	5	AC	Clearing & Grubbing	\$15,000 \$	75,000
5	10,000	LF	12" PVC Water Main (C900; with appurtenances)	\$150 \$	1,500,000
6	3	EA	12" PVC Tee	\$1,500 \$	4,500
7	450	LF	Directional Drill (Under I-95)	\$825 \$	371,250
8	50	LF	8" PVC Service Line (C900)	\$60 \$	3,000
9	2	EA	12"X8" Service Tee	\$3,000 \$	6,000
10	2	EA	8" Gate Valve	\$5,500 \$	11,000
11	1	EA	Connection to Existing System	\$17,500 \$	17,500
12	11	EA	Fire Hydrant Assemblies	\$10,000 \$	110,000
13	5	EA	12" Gate Valves	\$15,000 \$	75,000
14	1	LS	Miscellaneous Fittings	\$75,000 \$	75,000
15	1	EA	Temporary Backflow and Meter	\$5,000 \$	5,000
16	1	LS	Traffic Control	\$15,000 \$	15,000
17	5	AC	Grassing	\$6,500 \$	32,500
				<b>Water System Improvements Subtotal: \$</b>	<b>2,435,750</b>
				<b>Contingency (20%): \$</b>	<b>243,575</b>
				<b>Water System Improvements Subtotal: \$</b>	<b>2,679,325</b>

- Notes:
1. Cost Estimate based on Phase 1 Infrastructure Improvements Plan dated July 28, 2023.
  2. Topographic survey of utility alignment needed prior to any design.
  3. Grassing includes all areas to be cleared.
  4. Cost above does not include impact / capacity fees to local utility.
  5. Preliminary Estimate above is based on opinion and experience and subject to change pending Colleton County & SCDHEC requirements at time of submittal and actual field conditions.

**Preliminary Cost Estimate**

**Stokes Tract/Boise Cascade  
Wastewater System Improvements**

**Wastewater Improvements (8,500 LF 18-inch Gravity Main, On-Site Pump Station & 4,000 LF 10-inch Force Main)**

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Item</u>	<u>Unit Price</u>	<u>Total</u>
1	1	LS	Mobilization, Bonds and Insurance	\$ 200,000	\$ 200,000
2	1	LS	Construction Stakes, Lines & Grading	\$ 25,000	\$ 25,000
3	9	AC	Clearing and Grubbing	\$ 6,500	\$ 58,500
4	25,000	LF	Silt Fence	\$ 4.00	\$ 100,000
5	1	LS	Erosion Control	\$ 50,000	\$ 50,000
6	8,500	LF	18-inch PVC Gravity Main	\$ 200	\$ 1,700,000
7	400	LF	Jack & Bore (Under I-95)	\$ 850	\$ 340,000
8	25	LF	Sewer Manholes	\$ 15,000	\$ 375,000
9	1	LS	Pump Station - Complete	\$ 1,250,000	\$ 1,250,000
10	1	LS	Existing Pump Station Upgrade	\$ 350,000	\$ 350,000
11	4,000	LF	10-inch PVC C-900 Force Main (Open Cut Installation)	\$ 90	\$ 360,000
12	50	LF	Jack & Bore (16" Casing with 8" PVC)	\$ 550	\$ 27,500
13	1	EA	8-inch Plug Valve in Valve Vault	\$ 15,000	\$ 15,000
14	10	EA	Air Release Valve in Manhole	\$ 10,000	\$ 100,000
15	1	LS	Driveway Pavement Replacement	\$ 50,000	\$ 50,000
16	1	LS	Traffic Control	\$ 100,000	\$ 100,000
17	9	AC	Grassing	\$ 5,000	\$ 45,000
				<b>Wastewater Improvements Subtotal:</b>	<b>\$ 5,146,000</b>
				<b>Contingency (20%):</b>	<b>\$ 1,029,200</b>
				<b>Wastewater Infrastructure Improvements Total:</b>	<b>\$ 6,175,200</b>

Notes:

1. Cost Estimate based on Phase 1 Infrastructure Improvements Plan dated July 28, 2023.
2. Costs for the force main include the appurtenances necessary to complete the design (joints, fittings, etc.)
3. Cost do not include permit fees, impact fees, wetland mitigation fees or property acquisition costs.
4. Pump Station to include testing, SCADA, backup generator, and all site work for a complete installation.

**Preliminary Cost Estimate**

**Stokes Tract  
Roadway Improvements to Risher Mountain Road**

**Roadway Improvements (9,310 LF LF of Roadway Widening and Repaving)**

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Item</u>	<u>Unit Price</u>	<u>Total</u>
1	1	LS	Mobilization, Bonds, Insurance, General Conditions	\$ 80,000	\$ 80,000
2	1	LS	Construction Stakes, Lines & Grading	\$ 20,000	\$ 20,000
3	18,600	LF	Silt Fence	\$ 4.00	\$ 74,400
4	1	LS	Erosion Control Measures	\$ 150,000	\$ 150,000
5	4	AC	Clearing and Grubbing	\$ 15,000	\$ 60,000
6	1	LS	Earthwork (Cut/Fill/Import)	\$ 250,000	\$ 250,000
7	900	TON	Type A Black Base (440 PSY)	\$ 150.00	\$ 135,000
8	515	TON	Asphalt Intermediate Course (Type B) (250 PSY)	\$ 140.00	\$ 72,100
9	2,700	TON	Asphalt Surface Course (Type B) (220 PSY)	\$ 140.00	\$ 378,000
10	9	AC	Grassing	\$ 6,500	\$ 58,500
11	1	LS	Signage & Striping	\$ 75,000	\$ 75,000
12	1	LS	Traffic Control	\$ 75,000	\$ 75,000
				<b>Roadway Improvements Subtotal:</b>	<b>\$ 1,428,000</b>
				<b>Contingency (20%):</b>	<b>\$ 142,800</b>
				<b>Roadway Improvements Total:</b>	<b>\$ 1,570,800</b>

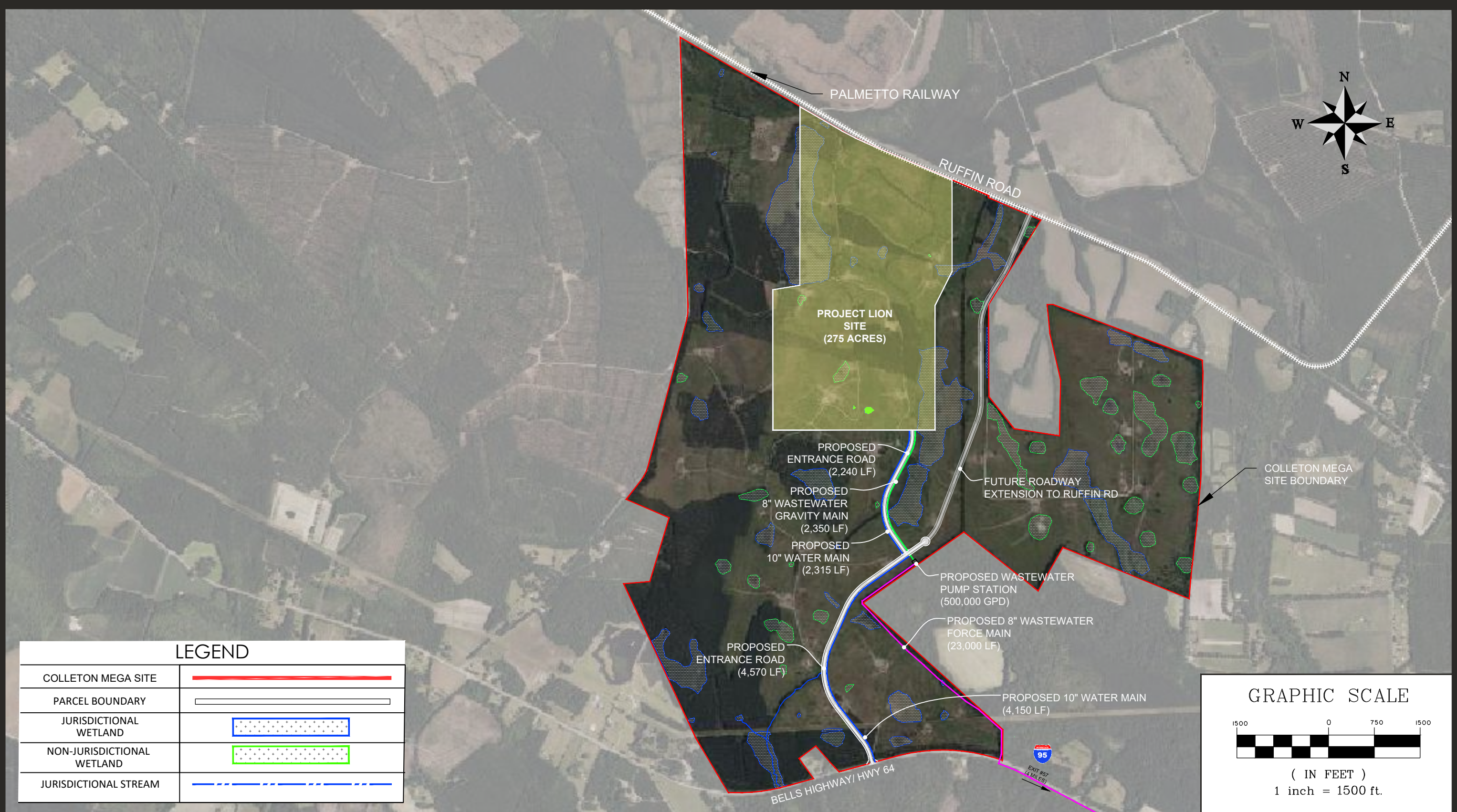
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  3. Grassing includes all areas to be cleared less pavement.
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  5. Geotechnical Exploration will be required prior to design.
  6. Construction Materials Testing by geotechnical firm will be necessary during construction.
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## Appendix C *Project Schedule*

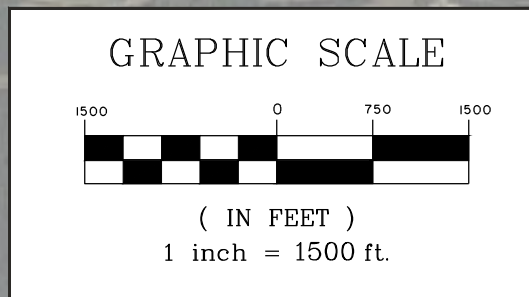


Appendix D  
*Project Site Map*





LEGEND	
COLLETON MEGA SITE	
PARCEL BOUNDARY	
JURISDICTIONAL WETLAND	
NON-JURISDICTIONAL WETLAND	
JURISDICTIONAL STREAM	



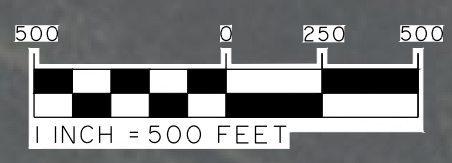
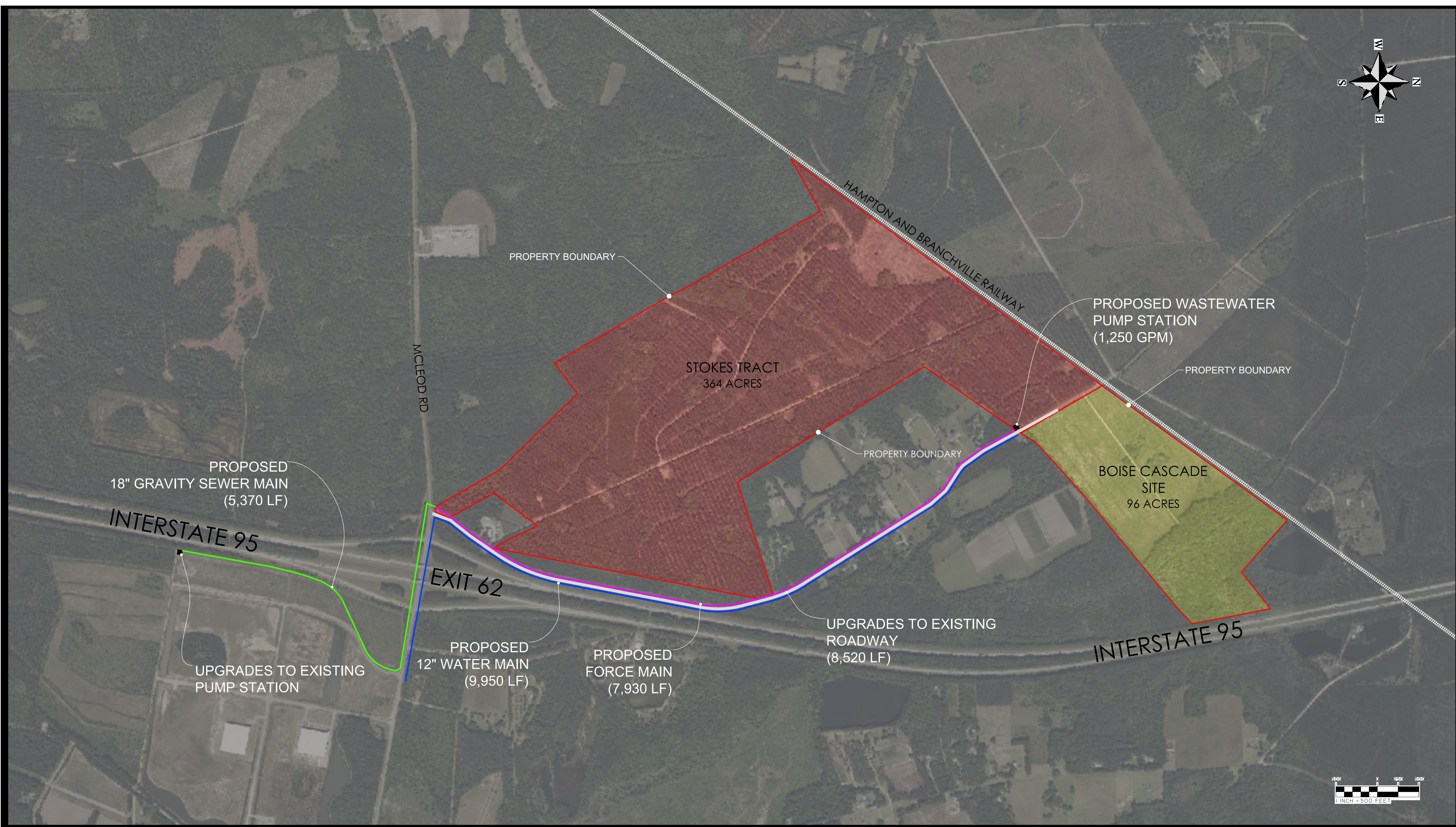
PREPARED FOR: **COLLETON COUNTY SOUTH CAROLINA ECONOMIC ALLIANCE, INC.**  
**PHASE 1 INFRASTRUCTURE IMPROVEMENTS PLAN**  
**COLLETON MEGA SITE**  
 COLLETON COUNTY, SC  
 JULY 28, 2023

**COLLETON COUNTY SOUTH CAROLINA**

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PREPARED FOR:

INFRASTRUCTURE IMPROVEMENTS PLAN  
**BOISE CASCADE SITE AND STOKES TRACT**  
COLLETON COUNTY, SC

AUGUST 7, 2023

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