



Carbon Reduction Program (CRP) Project Proposals for the Montgomery Metropolitan Planning Organization (MPO) Fiscal Year 2022 Carbon Reduction Program (CRP) Funds

The Montgomery Metropolitan Planning Organization (MPO) receives a direct annual allocation for the Carbon Reduction Program (CRP) in the amount of \$885,105 (FY-2022), \$902,808 (FY-2023) and \$902,808 (FY-2024). The Montgomery MPO Carbon Reduction Program (CRP) has a funds balance of **\$2,690,721**, (Federal funds only).

Two (2) CRP project proposals were received from the following MPO Member governments: City of Prattville (1) and City of Montgomery (1). Below is a summary of each project.

Sponsor	Title/Location	Brief Description	Federal	Fully Fund	Partially Fund	Not Fund
City of Montgomery	I-85 from Mulberry St to Perry Hill Road	Light Emitting Diode (LED) Replacement Upgrade Project Phase 1	\$275,000	X		
City of Prattville	East Main Street from Shady Oak Lane to Geneva Street	Pedestrian Sidewalk Extension Project Phase 2	\$467,043	X		
TOTAL CRP FUNDS REQUESTED =			\$742,043			

Total Available CRP Funds Available Balance Per ALDOT Updated Official Report as of November 9, 2023 is **\$2,690,721**.

TAP Balance of **\$2,690,721 - \$742,043 in CRP Project Funding Requests = \$1,948,678 CRP Balance**. 10% in Cost Overrun Allowance if Needed.

There will still be a balance of federal funds left in the Montgomery CRP of **\$1,948,678** if these projects are approved as requested.

Smith, Robert

From: Cox, Wesley
Sent: Wednesday, September 27, 2023 11:04 AM
To: Smith, Robert
Subject: RE: Carbon Reduction Strategies: SAVE THE DATE! JULY 12
Attachments: Carbon Reduction Strategies-I85 LED 1.pdf; Carbon Reduction Strategies-I85 LED 2.pdf; Carbon Reduction Strategies-I85 LED 3.pdf

Robert,

Attached are maps of the existing highway lighting fixtures along I-85 from Mulberry St to Perry Hill Rd that I would like to propose for upgrade to LED under the Carbon Reduction Strategy. The City of Montgomery would provide the labor and equipment necessary to complete the project. The requested funding for materials to include LED fixtures, mounting hardware, and other miscellaneous parts to complete the conversion would total **\$275,000**.

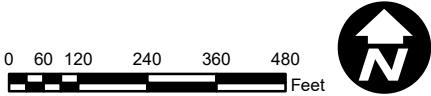
This project would be another phase of our goal to convert all City-owned and maintained highway lights to LED. The conversions result in energy savings and greatly reduce the need for maintenance. Previously, Traffic Engineering has converted 250 luminaires at signalized intersections across the city. In addition to the requested project above, we intend to seek funding for the continued conversion of all fixtures along I-85, I-65, and the Boulevard. We will also be looking to continue conversions downtown where there are 1,000+ fixtures available for upgrade.


Wesley S. Cox, P.E.


Director of Traffic Engineering
City of Montgomery
O: 334-625-2862
C: 334-354-6146


I-85 LED Highway Lighting Upgrade

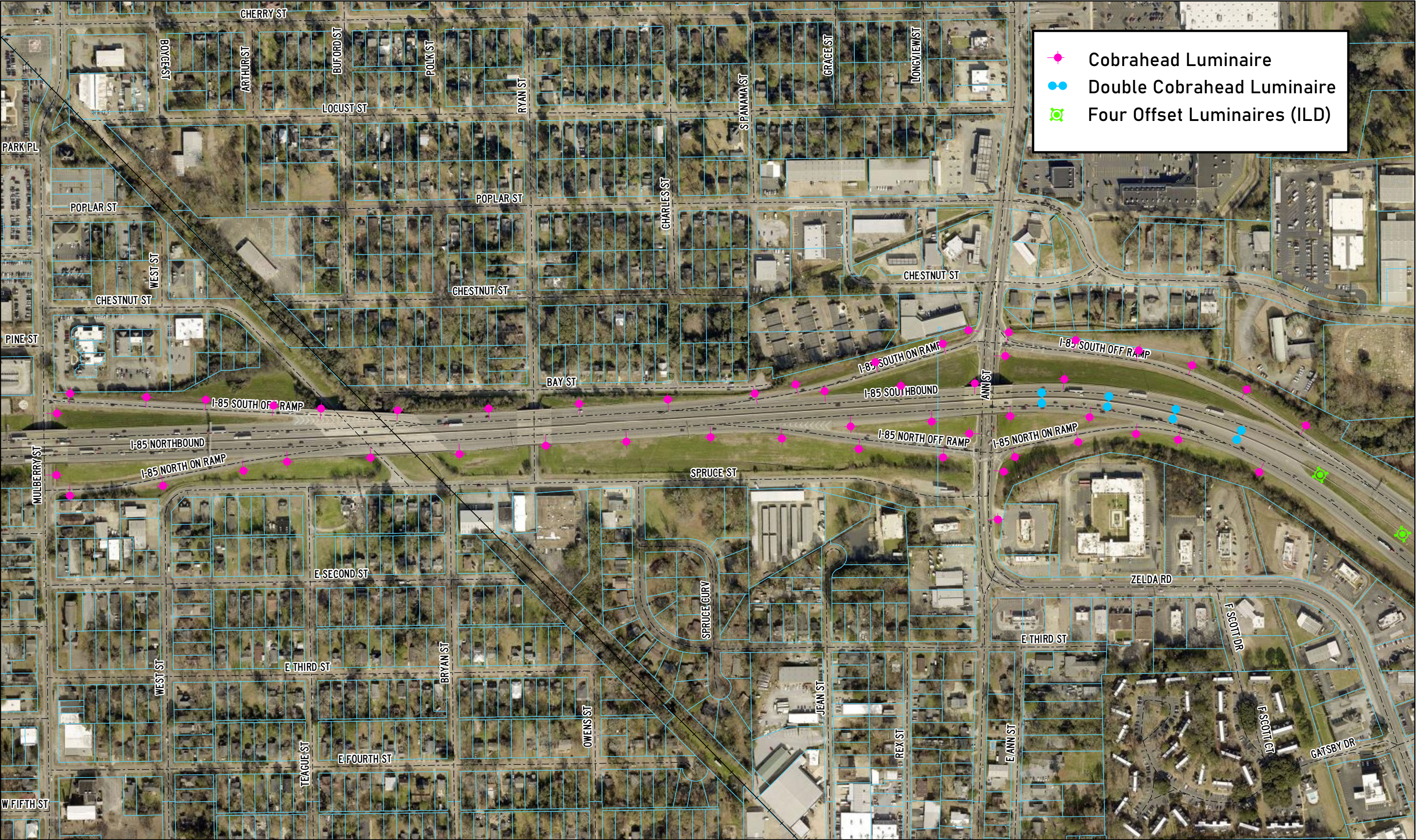
Carbon Reduction Strategies



**Cobrahead Luminaire**

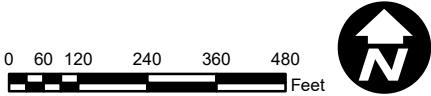
**Double Cobrahead Luminaire**



**Four Offset Luminaires (ILD)**

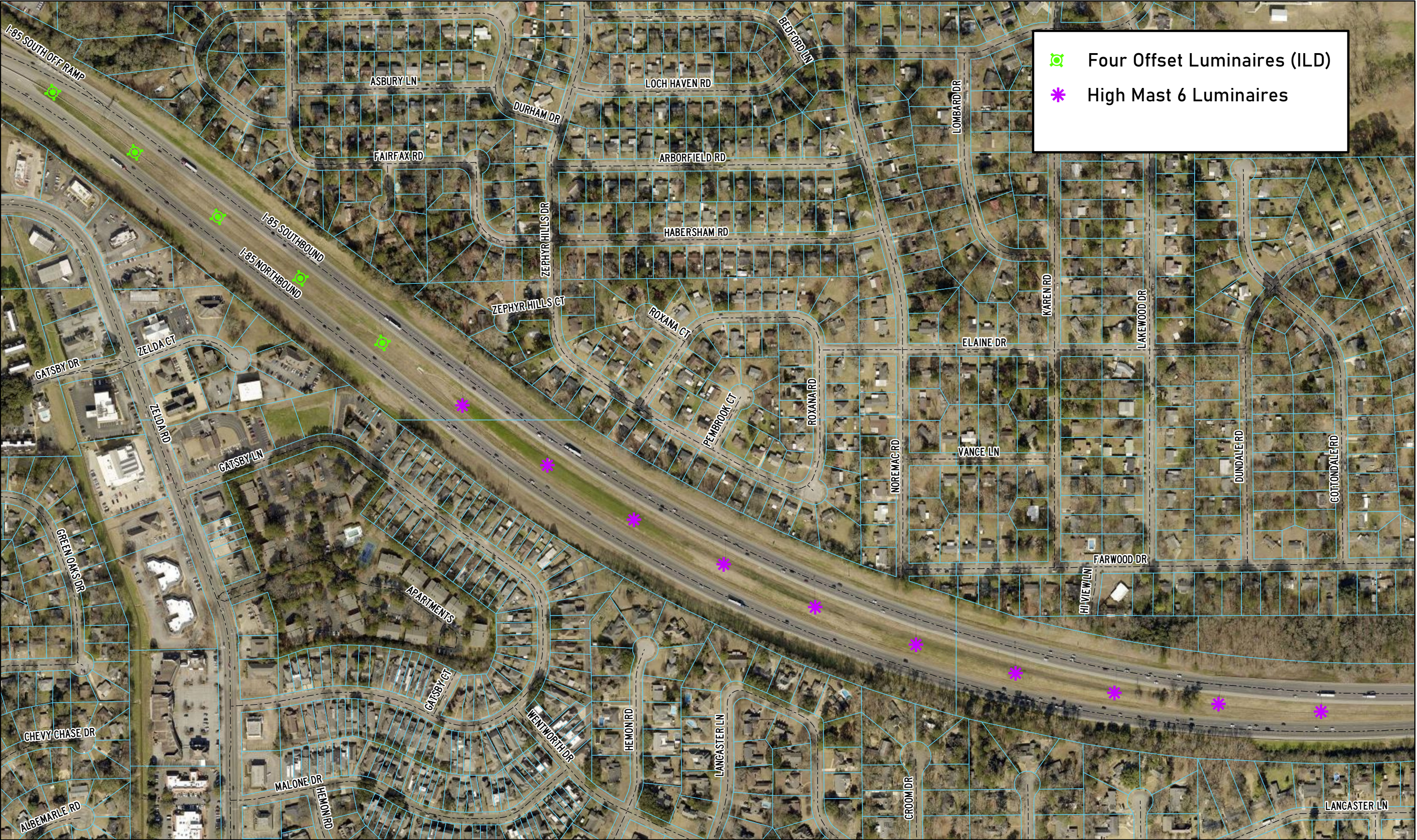


I-85 LED Highway Lighting Upgrade

Carbon Reduction Strategies

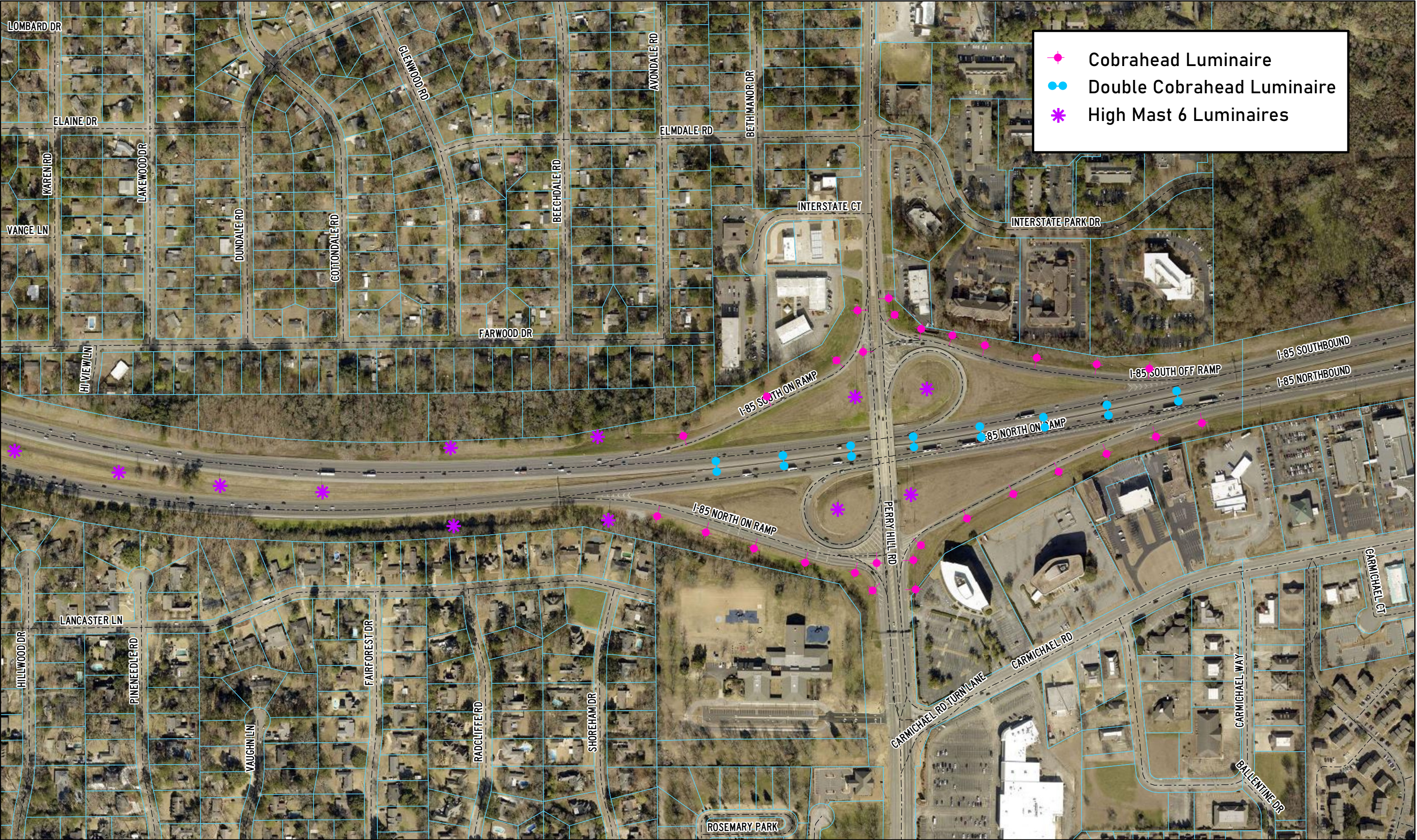
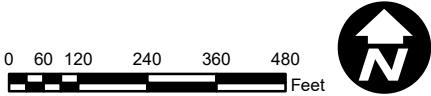


-  Four Offset Luminaires (ILD)
-  High Mast 6 Luminaires



I-85 LED Highway Lighting Upgrade

Carbon Reduction Strategies



Carbon Reduction Program

Project Funding Request for the City of Prattville

Midtown Pedestrian Connection – Phase 2



The City of Prattville requests **\$467,043** of Carbon Reduction Program funds from the Montgomery MPO's allocation of funds from the Bipartisan Infrastructure Law's 5-Year Carbon Reduction Program for the design and construction of the **Midtown Pedestrian Connection – Phase 2.** This project will connect the recently completed Midtown Pedestrian Connection – Phase 1 that reaches all the major commercial and residential mid-town portions of the City of Prattville to commercial and residential areas closer to downtown. This project will be the second of three projects that will ultimately provide safe, ADA-compliant pedestrian access from Downtown Prattville to Mid-Town Prattville covering more than 4 miles when completed.

This proposed project will extend the Pedestrian Connection from Shady Oak Lane to Geneva Street along East Main Street as shown in the attached Project Activities Map.

A detailed cost estimate of the design and construction of this project is included with this funding request.

There are no environmental or cultural concerns within the footprint of this project as it shall all be constructed on previously disturbed and highly traveled right-of-way operated and maintained by the City of Prattville.

The City of Prattville is grateful for your consideration of this project for funding through the Carbon Reduction Act Program.

Should you have any questions or concerns or require additional information, please contact Scott Stephens at scott.stephens@prattvilleal.gov or Will Barrett at will.barrett@krebseng.com.

7/26/2023 8:28 AM
C:\Prattville_City\Office\FY2024_CRA\ProjectDrawings\FY2024_CRA_E_Main St To Virginia.dwg



PRELIMINARY
NOT FOR
CONSTRUCTION

CITY OF PRATTVILLE
FY2024 CARBON REDUCTION ACT PROJECT
APPLICATION
East Main Street Sidewalk Extension - Phase II

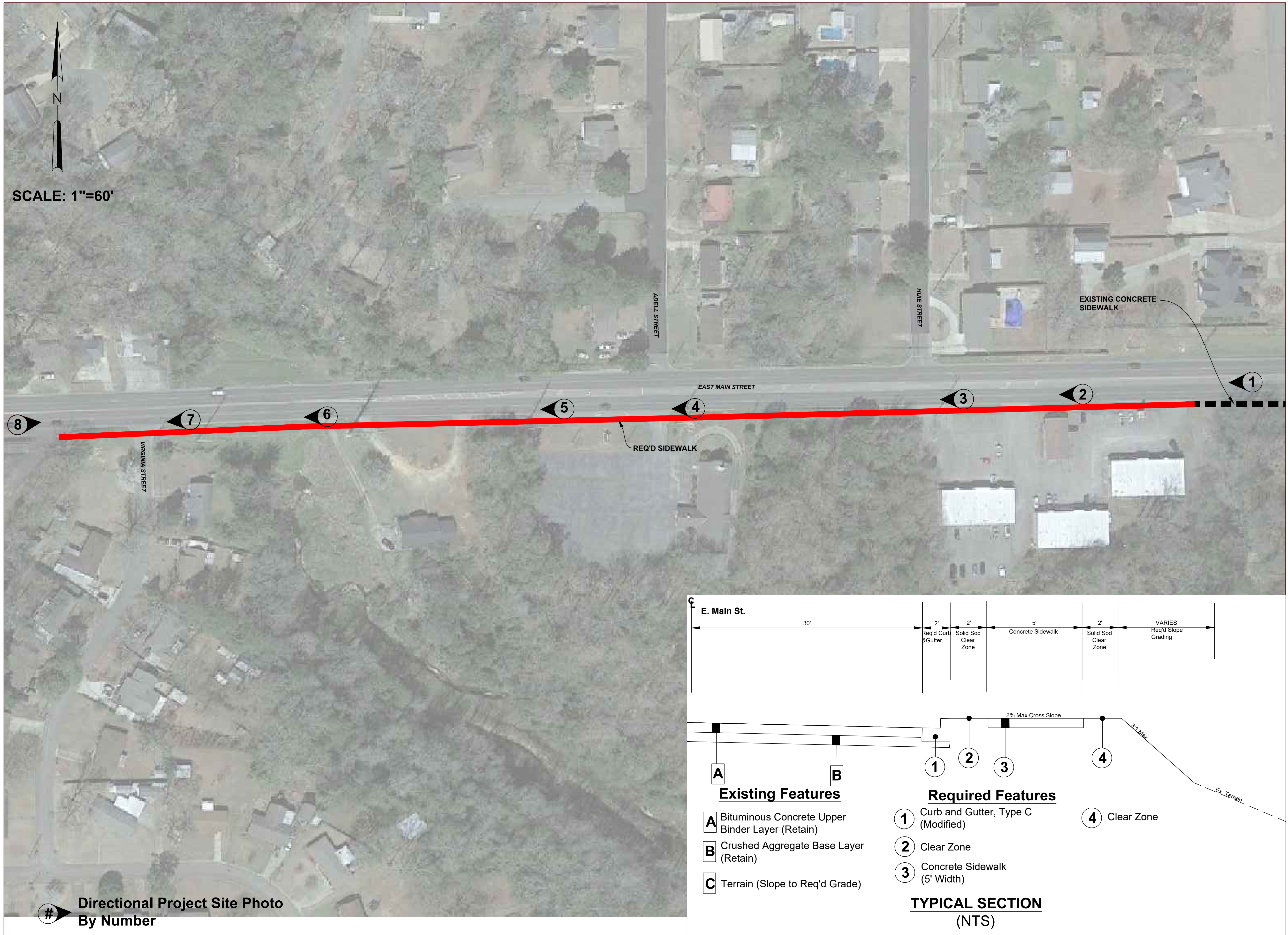
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Revisions		
No.	Date	Description

Project Activities Map	
Issue Date XX/XX/23	Sheet No. X-1
Sequence 4 of 1	

CITY OF PRATTVILLE
FY2024 CARBON REDUCTION ACT PROJECT
APPLICATION
East Main Street Sidewalk Extension - Phase II

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Project Activities Map			
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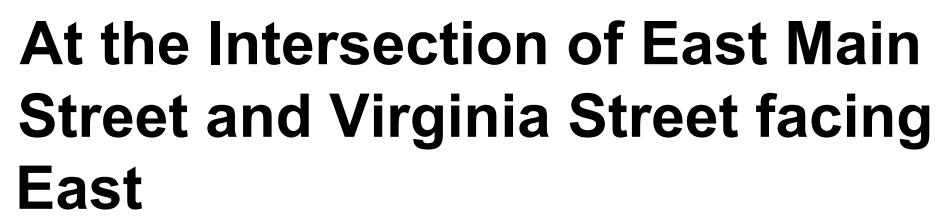


CITY OF PRATTVILLE

FY2024 CARBON REDUCTION ACT PROJECT APPLICATION

East Main Street Sidewalk Extension - Phase II

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PROJECT PHOTOS			
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Sequence 4 of 1		X-3	



FY2024 CARBON REDUCTION ACT PROJECT APPLICATION

EAST MAIN STREET SIDEWALK EXTENSION, PHASE II

CITY OF PRATTVILLE, AUTAUGA COUNTY

OPINION OF PROBABLE PROJECT COST

Shady Oak Lane to Geneva St. (Approx 2,800 LF)



LINE NO.	ALDOT PAY ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT BID
1	206 E-001	REMOVING INLETS (PARTIAL)	1	EA	\$ 350.00	\$ 350.00
2	210A-000	UNCLASSIFIED EXCAVATION	200	CUYD	\$ 15.00	\$ 3,000.00
3	210D-001	BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)	1200	CUYD	\$ 30.00	\$ 36,000.00
4	305B-077	CRUSHED AGGREGATE, SECTION 825, FOR MISCELLANEOUS USE	500	TON	\$ 60.00	\$ 30,000.00
5	453A-001	REMOVAL OF CONCRETE PAVEMENT SLAB	150	SQYD	\$ 80.00	\$ 12,000.00
6	530A-002	24" ROADWAY PIPE (CLASS 3 R.C.)	400	LF	\$ 95.00	\$ 38,000.00
7	600A-000	MOBILIZATION	1	LS	\$ 18,000.00	\$ 18,000.00
8	618A-000	CONCRETE SIDEWALK, 4" THICK	1135	SQYD	\$ 100.00	\$ 113,500.00
9	618B-002	CONCRETE DRIVEWAY, 6" THICK	280	SQYD	\$ 110.00	\$ 30,800.00
10	618D-000	CURB RAMP	100	SQYD	\$ 100.00	\$ 10,000.00
11	620A-000	MINOR STRUCTURE CONCRETE	50	CUYD	\$ 800.00	\$ 40,000.00
12	621C-015	INLETS, TYPE S1 OR S3 (1 WING)	3	EA	\$ 4,000.00	\$ 12,000.00
13	621C-140	INLETS, OPEN THROAT	2	EA	\$ 8,000.00	\$ 16,000.00
14	623C003	COMBINATION CURB & GUTTER, TYPE C (MODIFIED)	515	LF	\$ 30.00	\$ 15,450.00
15	650A-000	TOPSOIL	400	CUYD	\$ 25.00	\$ 10,000.00
16	654A-000	SOLID SODDING	2500	SQYD	\$ 7.00	\$ 17,500.00
17	665 E-000	POLYETHYLENE	200	SQYD	\$ 5.00	\$ 1,000.00
18	665J-002	SILT FENCE	1000	LF	\$ 8.00	\$ 8,000.00
19	665O-001	SILT FENCE REMOVAL	1000	LF	\$ 1.00	\$ 1,000.00
20	665Q-002	WATTLE	100	LF	\$ 15.00	\$ 1,500.00
21	703A-002	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A	600	SQFT	\$ 14.50	\$ 8,700.00
22	710A-156	CLASS 9, ALUMINUM FLAT SIGN PANELS 0.100" THICK (TYPE XI BACKGROUND, FLOURESCENT)	72	SQFT	\$ 40.00	\$ 2,880.00
23	710B-001	ROADWAY SIGN POST (#3 "U" CHANNEL GALVANIZED STEEL	72	LF	\$ 30.00	\$ 2,160.00
24	740 E-000	CONES (36 INCHES HIGH)	100	EA	\$ 35.00	\$ 3,500.00
25	740M-001	BALLAST FOR CONE	100	EA	\$ 25.00	\$ 2,500.00
TOTAL ESTIMATED CONSTRUCTION COST						\$ 433,840.00
					TOPOGRAPHIC SURVEY	\$ 6,500.00
					ENGINEERING DESIGN	\$ 43,384.00
					ROW ACQUISITION	\$ 35,000.00
					CONSTRUCTION ENGINEERING AND INSPECTION	\$ 65,080.00
TOTAL ESTIMATED PROJECT COST						\$ 583,804.00
					Sponsor Share	\$ 116,760.80
					Federal Share	\$ 467,043.20