



TO: John McDonough, City Manager

FROM: Thomas Black, Public Works Director

DATE: For Submission onto the Agenda of the August 17, 2010, City Council Work Session

ITEM: Consideration of Approval of Financial Participation with the Fulton County Perimeter Center Improvement District in the Funding Of Lighting and Other Upgrades to the Hammond Interchange

Public Works Department's Recommendation:

The Staff recommends that the Mayor and City Council approve funding to partner with the Fulton County Perimeter Center Improvement District (PCID) to provide lighting and other upgrades to the Hammond Interchange, currently under construction. Proposed funding will include sharing costs 50/50 by PCID and the City, up to a total maximum of \$300,000 (\$150,000 each). Any additional cost over the total \$300,000 will be the responsibility of PCID.

Background:

The Georgia Department of Transportation (GDOT) construction project for the Hammond Interchange was the first design-built project that GDOT has executed for this type of construction. Some desirable items, including lighting and upgrades to the parapets, was not included in the scope. GDOT has indicated they would be agreeable to adding these items, assuming the funding is provided and it does not delay the project.

Discussion:

PCID has been in discussions with Georgia Power and GDOT on the details. For lighting, 8 each 400 watt sodium lights have been designed to meet the requirements, including wiring. The cost from Georgia Power is \$54,361.60. Additionally, there will be a new monthly operating cost to Sandy Springs of \$178. Specifications and examples are provided in the attachments.

Additionally, PCID has had discussions with CW Matthews, the GDOT contractor for prices to install fencing and decorative strain poles. The quote for these items is \$213,918.76. There is still some discussion on the potential of using fluted strain poles and some other components. These items are still in negotiation.

The current, expected maximum for all the changes is approximately \$380,000.

Alternatives:

If the City does not agree, funding of these changes will be the total responsibility of PCID.

*Public
Works*

Financial Impact:

The maximum expected cost to the City for these items will be \$150,000. These funds are not currently budgeted for the Hammond Interchange in the City budget.

Attachments:

- I. Letter from Georgia Power and photos
- II. Letter from CW Matthews

July 22, 2010



David Purcell
Chief Operating Officer
Perimeter CIDs
One Ravinia Drive, Suite 1125
Atlanta, Georgia 30346

Re: Hammond Drive Bridge Project

Dear Mr. Purcell:

Thank you for the opportunity for Georgia Power Company to provide a lighting proposal for the Hammond Drive Bridge Project.

Georgia Power Company proposes the following:

Hammond Bridge

- Install 8 - 400watt High Pressure Sodium Holophane "Tear Drop" Decorative Roadway Fixtures with Special Order Green Paint
- Install 8 - 33' Mounting Height Hapco Aluminum Poles, Base Mounted with Single Light Arms with Special Order Green Paint
- All Lights will be served by underground conductor. Conduit and concrete work on the bridge will be installed by others
- All lights will be photocell controlled

The Governmental Monthly Fee for the 8 lights will be \$178.00. This fee includes our Georgia Power Company Maintenance Policy AND all of the energy used by the lights.



The Perimeter CID will be required to pay an Upfront Construction Fee of \$54,351.60 for the lighting system.

Please inform me of your decision and I will prepare the appropriate paperwork. This proposal is valid for 60 days from the above date.

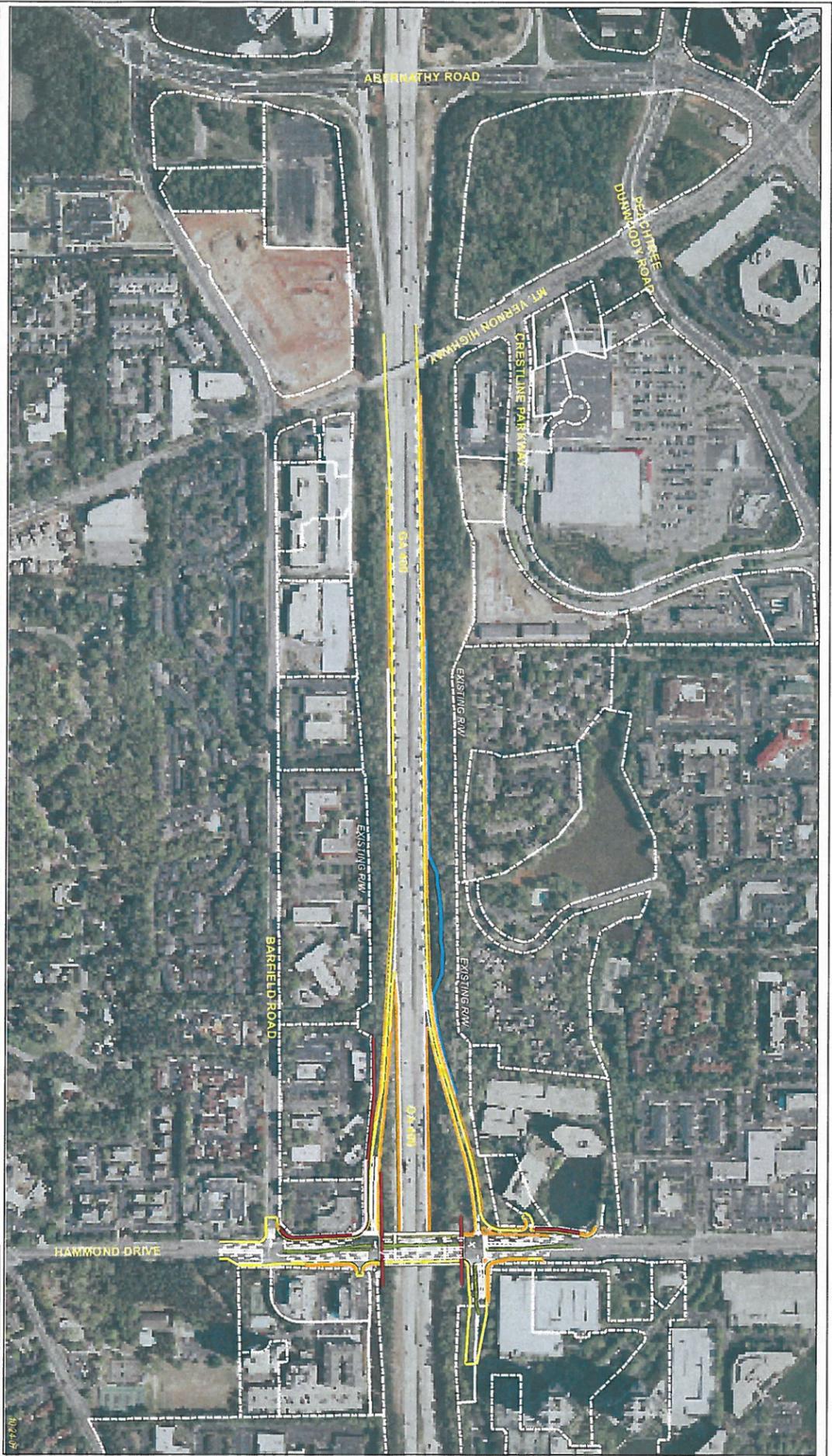
Sincerely,

A handwritten signature in cursive script that reads "Gene Edwards".

Gene Edwards
Georgia Power Company
Lighting Services
(770) 740-7710



CONCEPT PLAN GA 400 / HAMMOND DRIVE INTERCHANGE



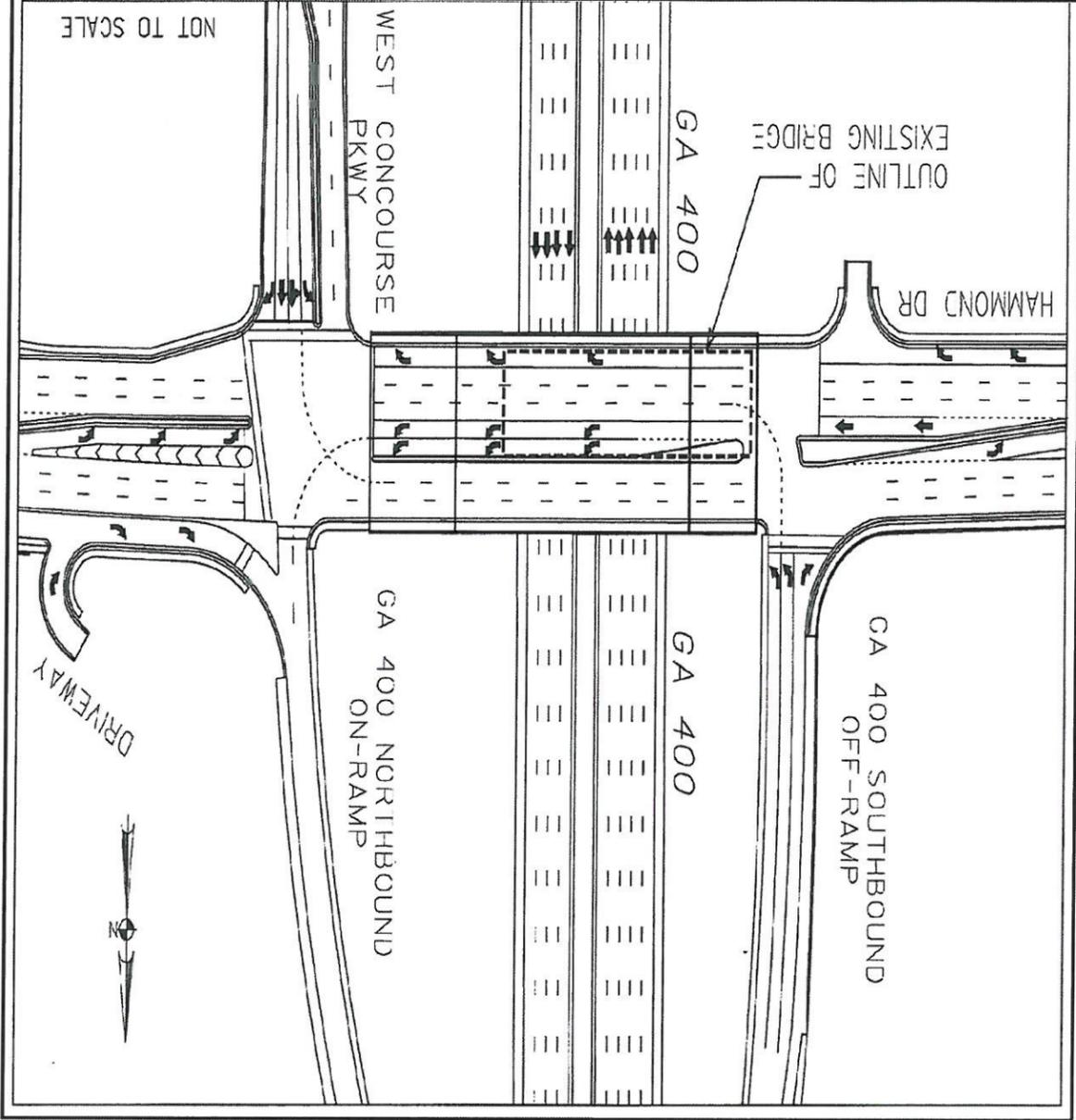
LEGEND

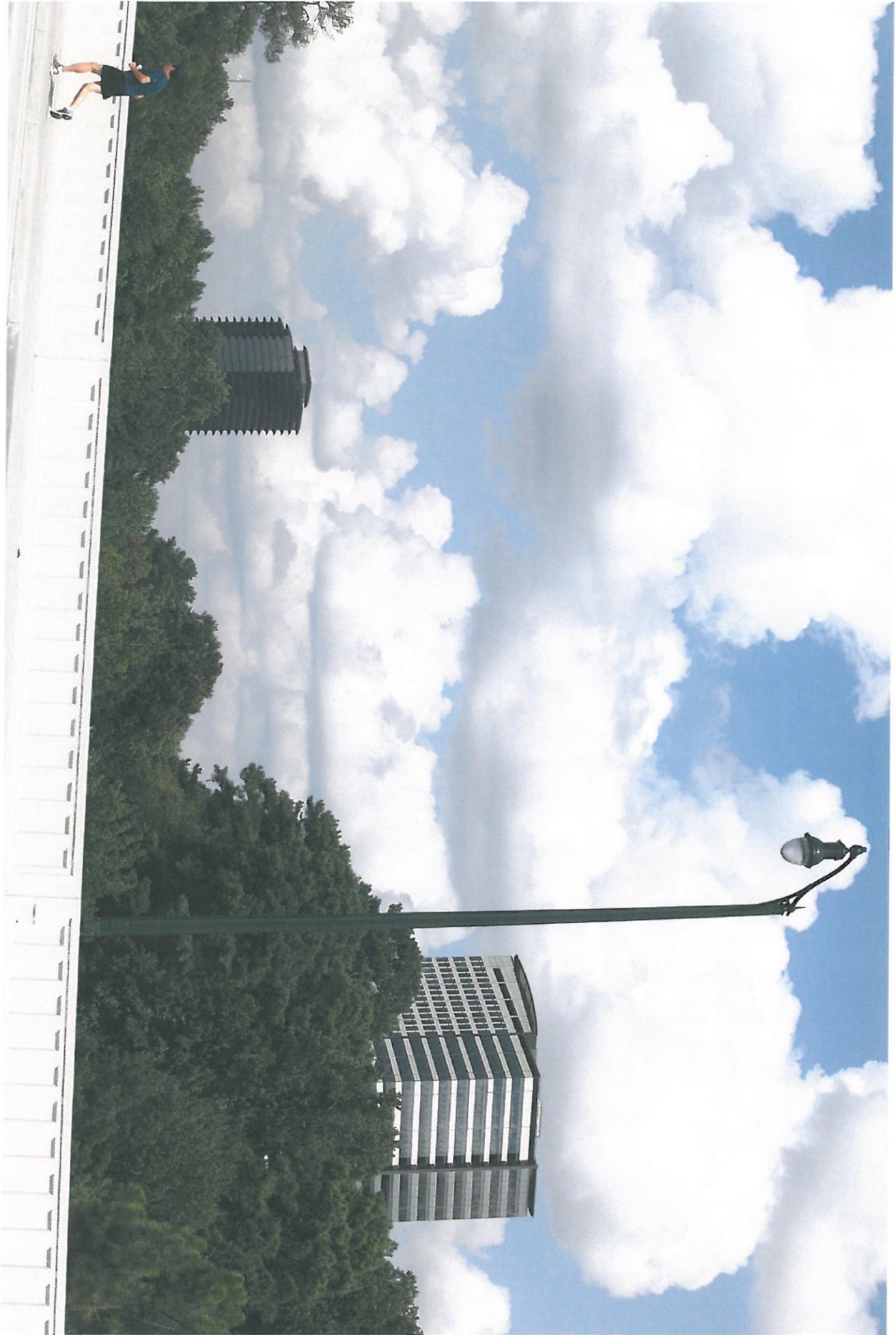
- Right of Way
- Retaining Walls
- New Walls - Proposed GA MK Pavement
- Existing ROW and Structures
- Sloping
- Edge of Pavement
- Shoulder and Driveways

1" = 400'

North Arrow

MAKING THE CONNECTION

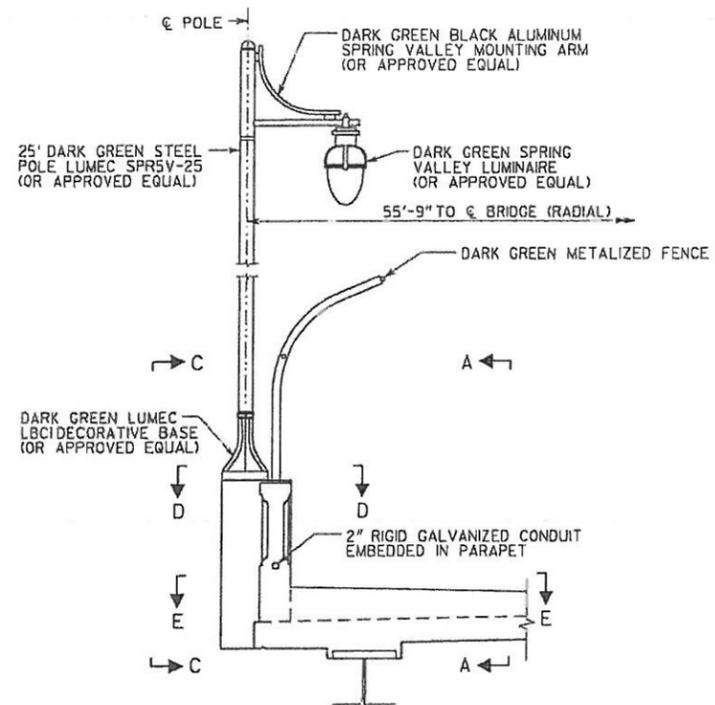




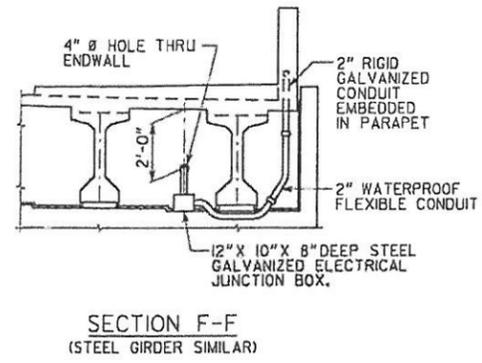
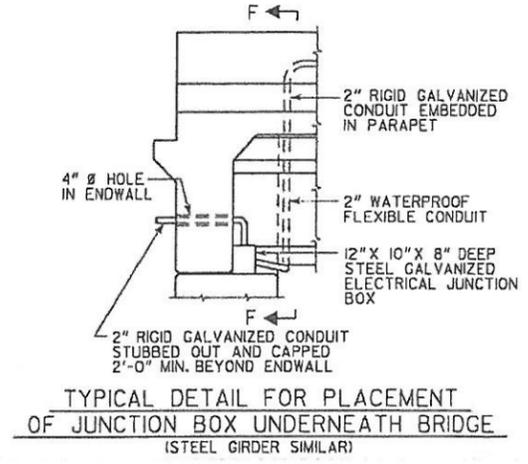




STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	HPP-0000-00(949)		

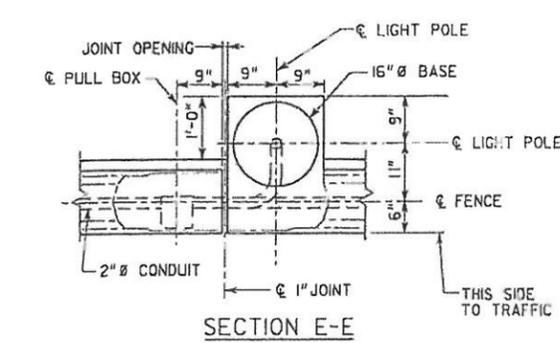
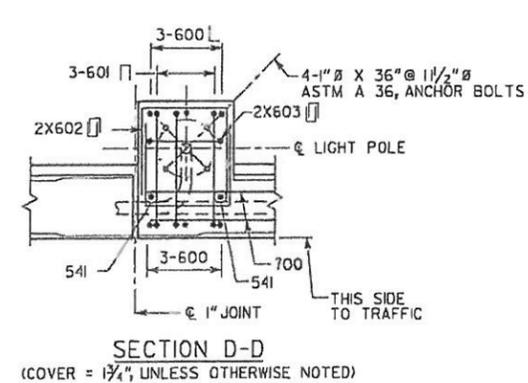
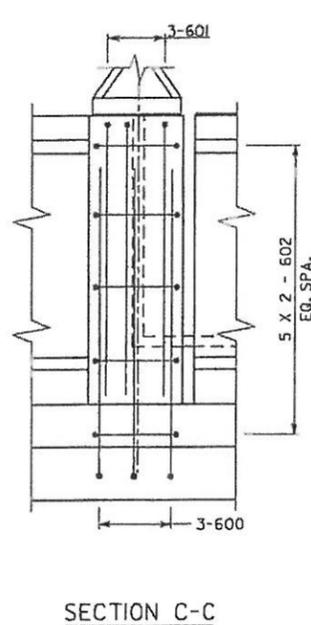
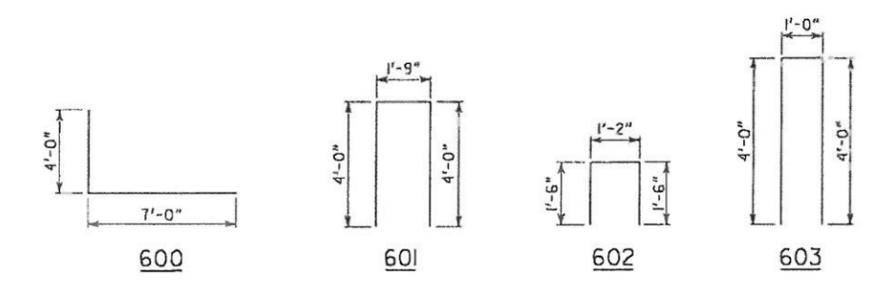
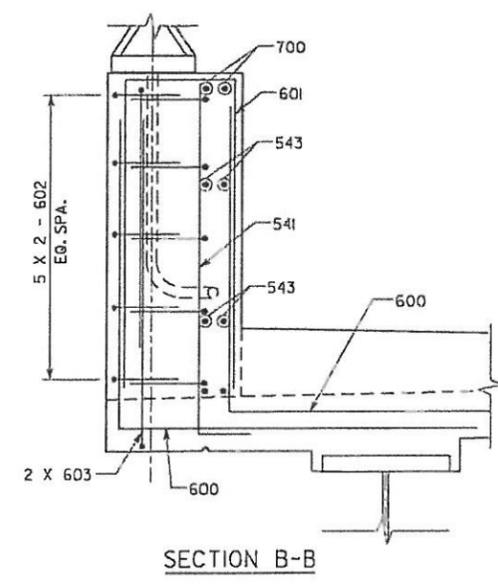
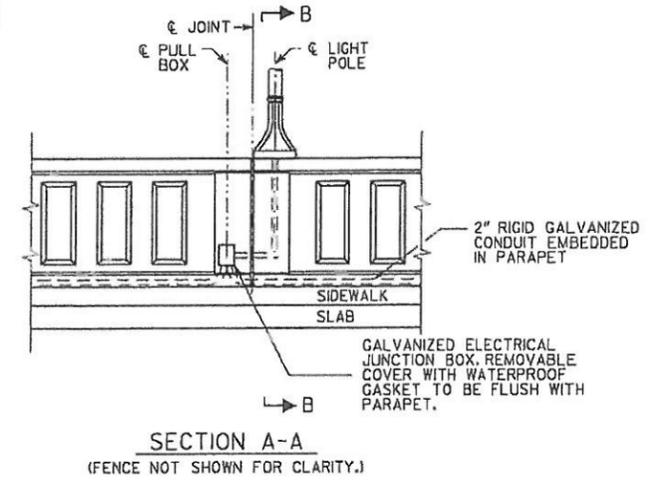


TYPICAL SECTION AT PILASTER



LIGHTING SYSTEM NOTES:

- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL LIGHTING DETAILS. SHOP DRAWINGS SHALL INCLUDE, BUT ARE NOT LIMITED TO, ELECTRICAL DESIGN CALCULATIONS, ALL EQUIPMENT AND FIXTURE SPECIFICATIONS, SWITCHING DETAILS, GROUNDING DETAILS, JUNCTION BOX DETAILS, AND ELECTRICAL LOAD CALCULATIONS.
- LIGHTING SYSTEM SHALL MEET ALL LOCAL AND STATE CODES.
- ALL DESIGN CALCULATIONS SHALL BE STAMPED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF GEORGIA.
- CONDUIT EXPANSION JOINTS SHALL BE PROVIDED AT EACH BRIDGE EXPANSION JOINT.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE INSTALLATION OF PARAPET. ALL CONDUIT, EXCEPT AT PARAPET JOINTS, SHALL HAVE 2 INCH MINIMUM COVER.
- CONTRACTOR SHALL SUBMIT POLE, BASE, MOUNTING ARM, AND LUMINAIRE DETAILS TO THE PERIMETER COMMUNITY IMPROVEMENT DISTRICT FOR REVIEW.
- ALL COSTS TO FURNISH AND INSTALL THE LIGHTING SYSTEM INCLUDING ANCHORAGE HARDWARE, SHOP DRAWINGS, AND UTILITY COORDINATION SHALL BE PAID FOR UNDER PAY ITEM NO. 682-9030, LUMP, LIGHTING SYSTEM.
- ALL COSTS TO FURNISH AND INSTALL THE PILASTER, INCLUDING REINFORCEMENT, SHALL BE INCLUDED IN BID PRICE FOR PAY ITEM NO. 500-2110, LF, CONCRETE PAPAPET, SPECIAL DESIGN.



BRIDGE NO. 1



GEORGIA
 DEPARTMENT OF TRANSPORTATION
 PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

SUPERSTRUCTURE DETAILS
 PERIMETER CENTER PARKWAY EXTENSION
 OVER I-285 AND NANCY CREEK TRIBUTARY
 DEKALB COUNTY HPP-0000-00(949)

SCALE: NO SCALE JUNE 2004

BRIDGE SHEET 11 OF 48

DATE	REVISIONS

DESIGNED	TLS	CHECKED	DCG	REVIEWED	PT/MCD
DRAWN	MIF	DESIGN GROUP	SNW	APPROVED	PVI

User: Name: MLF Date: 8/17/2005 Time: 10:50:03 AM Filename: g:\1\tr\0\62802-07\brg\1\luc\6281-07dr-d02.dgn



C. W. MATTHEWS CONTRACTING CO., INC.

DRAWER 970

MARIETTA, GEORGIA 30061

TELEPHONE (770) 422-7520
FAX (770) 422-9361

August 4, 2010

Mr. Dan Willard
Construction Project Manager 2
Georgia Department of Transportation
1269 Kennestone Circle
Marietta, Georgia 30066

RE: Project Number CSNHS-0008-00(415) 01
SR 400 / Hammond Drive Interchange Project

SUBJECT: PCID Improvements

As requested C.W. Matthews Contracting is submitting a price to construct the Texas rail parapet wall in lieu of standard parapet on the Hammond Drive Bridge. This wall includes the conduit, junction boxes and pilasters required to add lighting to the designed bridge. Our price is a **Lump Sum price of \$213,918.76**. Our price includes a credit for the designed parapet wall, new design fee and cost to construct the Texas rail parapet wall. Our price does not include any light bases, poles, fixtures or electrical work. Others are to provide CWM with the anchor bolts for the light poles. This price is based upon the assumption that the bridge as designed will support the additional loads. The cost to construct the Texas rail parapet has also been increased to be able to meet the August 31, 2011 completion date. Our price assumes one week of design and a maximum of a thirty day review for GDOT. If a longer approval time is taken we reserved the right to ask for additional time if needed.

It is our understanding that the Perimeter Center Improvement District (PCID) wants to make the Hammond Drive Bridge similar to the Perimeter Center Parkway Bridge. This being the case, there are other changes that the PCID may want to consider. I have included in the table below the additional cost for making these changes.

Painted and Decorative Strain Pole on Bridge	\$7,090.00
Painted and Decorative Strain Pole on Ramp SR-1	\$8,710.00
Dark Green Metalized Fence on Bridge	\$8,325.00
TP IV Green Coated Steel Poles	\$20,000.00
TP IV Green Coated Steel Poles With 10' Lum. Arm	\$21,000.00

If you need any additional information please let me know. In order to meet this completion date we need an answer on this as soon as possible.

Sincerely,
C. W. Matthews Contracting Company, Inc.



Ryan Beech
Design/Build Project Engineer

Attachments

cc: John Hancock – GDOT Office of Innovative Project Delivery
Project File – CWM Job #1547