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MEMORANDUM

To: Mayor and City Council

From: Michael Smith, Public Works Director

Date: November 10, 2025

Subject: **Chamblee Dunwoody Road Bridge Enhancements at I-285**

ACTION

Discuss final design and cost estimate for enhancements to the Chamblee Dunwoody Road bridge over I-285 to be incorporated into an agreement with the Georgia Department of Transportation (GDOT) as part of the Top End Managed Lanes project.

SUMMARY

The attached graphics include the final design developed based on City Council and GDOT feedback. Since the most recent City Council discussion at its July 14, 2025, meeting, the city has obtained GDOT approval to keep the barrier wall between the roadway and the path on the west side of the new bridge. The negotiated cost for the city's enhancements has also been reduced from \$2.1 million to \$1.1 million primarily by removing markups on the painting and reducing the unit prices for the railing and barrier wall.

The enhancements will include ornamental fencing and columns, pedestrian lights on the bridge, a stamped concrete barrier wall along the path, the road name and logo on the face of the bridge and painting of the bridge structure. The city's 5-year capital budget currently includes \$2,200,000 for this project. GDOT is preparing a draft intergovernmental agreement for City Council's approval to document both parties' commitments.

DETAILS

The Georgia Department of Transportation (GDOT) is planning to replace the Chamblee Dunwoody Road bridge over I-285 as part of the Top End Managed Lanes project. The new bridge will have the same number of lanes as the existing bridge with a 10-foot sidewalk on the east side of road and a 12-foot-wide shared use path on the west side. With Cotillion Drive and Savoy Drive becoming one-way roads, a return access lane connecting the two roads will also be added to the east side of the bridge.

The planned bridge replacement provides an opportunity for the city to add enhancements to the new bridge which serves as one of the primary gateways into Dunwoody. Kimley-Horn, the design consultant for this project, has continued to refine the initial concepts as shown in the attached presentation based on input from the City Council at meetings in March and April of 2021, June 2022, September and December of 2024 and July of 2025. The design has also been coordinated with the Perimeter Community Improvement District (PCID) to create continuity with their plans to enhance bridges within the district.





PCID Bridge Enhancements
OPINION OF PROBABLE CONSTRUCTION COST

The Consultant has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Consultant at this time and represent only the Consultant's judgment as a design professional familiar with the construction industry. The Consultant cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

15-Aug-25			ITEM DESCRIPTION	UNITS	UNIT PRICE	QUANTITY	ESTIMATE AMOUNT	Subtotals	Total (Rounded)	10% Project Management / Direct Cost	15% Contingency	25% Escalation	Total Cost	Notes	Notes
Dunwoody MMIP															
Perimeter Center Parkway 1176 LF	Railing System	0	Railing removal	LF	\$12.00	2350	\$28,200	\$1,480,380	\$1,661,000	\$166,100	\$249,150	\$415,250	\$2,491,500 PCID	length of railing minus amounts already being removed for ramp construction Length of bridge x 2 sides with fencing 4 End Columns and 6 standard columns centered over the center 3 bridge bents. 9 of the 10 columns will require some parapet wall removal, the 10th is removed as part of ramp construction all columns to have special parapet base No freestanding lights lighting already present electrical already present No formliner used No safety barrier included Markup included to account for lane closures with painting -	2413 LF of outside beams, 6' hight, underside width of 4' Height of wall (4' outside, 3.5' inside) + 1.5' width of wall = 9 SF per linear ft of wall 3 bents, average length of 125, x 3 sides at 6' width per side (18SF per linear ft), assumes 5 columns per bent, with 4 sides at 20' vertical ft of painting
		643-8300	7'6" Ornamental Fence	LF	\$465.00	2352	\$1,093,680								
		0	Railing Column	EA	\$25,000.00	10	\$250,000								
		610-9099	Parapet Wall Removal	LF	\$650.00	90	\$58,500								
		500-2110	Concrete Parapet, Spcl design	LF	\$500.00	100	\$50,000								
		0	Freestanding Ped Lights (680-4220)	EA	\$9,000.00	0	\$0	\$0							
		0	PCIDS Standard Bridge Light (minus cost of standard light)	EA	\$8,000.00	0	\$0								
		0	Electrical service and conduit to both sides of bridge	LS	\$80,000.00	0	\$0								
	Paint/ Finishes	0	Formliner on Parapet Walls and Structure	SF	\$14.00	0	\$0	\$180,450							
		0	Pedestrian Safety Barrier Painted single Color	SY	\$18.00	0	\$0								
		0	Underbridge Painted single color (with markup for anticipated lane closures)	SY	\$27.00	2681	\$72,390								
		0	Parapet Wall Painted single color	SY	\$18.00	5120	\$92,160								
		0	Single Color Painted Columns/Bent	SY	\$18.00	883	\$15,900								
	Bike/Pedestrian enhancements	0	Single Color Painted Retaining Wall / RipRap	SY	\$18.00	0	\$0	\$0							
500-2100		Concrete Barrier (pedestrian safety barrier)	LF	\$150.00	0	\$0									
441-0106		Concrete Sidewalk, 6 in (above GDOT min.)	SY	\$75.00	0	\$0									
	0	Concrete Paver surface treatment	SF	\$17.00	0	\$0									
Chamblee Dunwoody Road 325 LF	Railing System	0	Railing removal	LF	\$12.00	0	\$0	\$510,000	\$765,000	\$76,500	\$114,750	\$191,250	\$1,147,500 Dunwoody	No railing removals for new bridge Length of bridge x 2 sides with fencing 4 End Columns and 6 standard columns centered over bridge bents. New bridge, no removals of special parapet wall New bridge, no replacement of parapet wall Pedestrian lights at 50' on center 2 new lights on each side of bridge, paying for upgrade to standard PCID fixture electric conduit only to pedestrian lighting on one side of bridge No formliner included Used comparison with avg TXDOT prices from last 6 months Markup included to account for lane closures with painting -	2 outside beams, 325' long by 6' hight, underside width of 4' Height of wall (4' outside, 3.5' inside) + 1.5' width of wall = 9 SF per linear ft of wall 3 bents, average length of 125, x 3 sides at 6' width per side (18SF per linear ft), assumes 6 columns per bent, with 4 sides at 20' vertical ft of painting Retaining wall length estimate of 165lf each, average height of 17'
		643-8300	7'6" Ornamental Fence	EA	\$400.00	650	\$260,000								
		0	Railing Column	EA	\$25,000.00	10	\$250,000								
		610-9099	Parapet Wall Removal	LF	\$650.00	0	\$0								
		500-2110	Concrete Parapet, Spcl design	LF	\$500.00	0	\$0								
		0	Freestanding Ped Lights (680-4220)	EA	\$9,000.00	7	\$63,000	\$135,000							
		0	Dunwoody Bridge Light (minus cost of standard light)	EA	\$8,000.00	4	\$32,000								
		0	Electrical service and conduit to both sides of bridge	LS	\$80,000.00	1	\$40,000								
	Paint/ Finishes	0	Formliner on Parapet Walls and Structure	SF	\$14.00	0	\$0	\$71,172							
		0	Pedestrian Safety Barrier Painted single Color	SY	\$18.00	650	\$11,700								
		0	Underbridge Painted single color (with markup for anticipated lane closures)	SY	\$27.00	738	\$19,920								
		0	Parapet Wall Painted single color	SY	\$18.00	664	\$11,952								
		0	Single Color Painted Columns/Bent	SY	\$18.00	910	\$16,380								
	Bike/Pedestrian enhancements	0	Single Color Painted Retaining Wall / RipRap	SY	\$18.00	623	\$11,220	\$48,750							
		500-2100	Concrete Barrier (pedestrian safety barrier)	LF	\$150.00	325	\$48,750								
		441-0106	Concrete Sidewalk, 6 in (above GDOT min.)	SY	\$75.00	0	\$0								
		0	Concrete Paver surface treatment	SF	\$17.00	0	\$0								