

## **MEMORANDUM**

**To:** Mayor and City Council

**From:** Michael Smith, Public Works Director

**Date:** December 09, 2013

**Subject:** **Approval of Agreement with Georgia DOT for PCIDs Commuter Trail System Study**

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### **ITEM DESCRIPTION**

Approval of Agreement with Georgia Department of Transportation (GDOT) for the Perimeter Community Improvement Districts' (PCIDs) Commuter Trail System Study

### **BACKGROUND**

In 2012, the PCIDs governing boards adopted a Commuter Trails System Master Plan. The stated purpose of this plan was to identify opportunities to increase transportation options by improving bicycle and pedestrian access to the three MARTA stations and increase overall mobility for non-motorized transportation in the PCIDs. The entire report can be found at the following link on the PCIDs website: <http://www.perimetercid.org/factsheets/PCID-Commuter-Trail-System-Final-Report.pdf>. Excerpted highlights of the report included with this memo are as follows:

- Figure 3 Employee-Commuter Desire Paths- maps relatively direct lines of travel between higher density employment areas and the MARTA stations.
- Table 1 provides a prioritized list and map of recommended commuter trails adjacent to existing roadways.
- Table 2 provides a prioritized list and map of recommended trails between existing roadways.
- Table 3 provides a list and map of recommended sidewalk projects.

The PCIDs have subsequently secured \$400,000 in funding through the Atlanta Regional Commission to begin implementation of several projects recommended in the master plan. The PCIDs plan to match the funding with \$100,000 to begin design of the following trail segments:

1. I1. Lake Hearn-Medical Center connection between Peachtree Dunwoody Road and Perimeter Summit Parkway
2. I2. Ravinia North connection between Ravinia Parkway and Perimeter Center East
3. I3. Ashwood Parkway to Meadow Lane connection
4. I5. Central-Mall connection between the Cox campus and the Dunwoody MARTA station

In order to receive the funding the PCIDs have asked the City of Dunwoody to be the project sponsor and execute the attached Intergovernmental Agreement with GDOT. The PCIDs will manage the project in coordination with the City and provide the required matching funds.

#### **RECOMMENDED ACTION**

Staff recommends approval of the agreement with GDOT so that the funding can be utilized to implement projects recommended in the Commuter Trail System Master Plan.

Figure 3

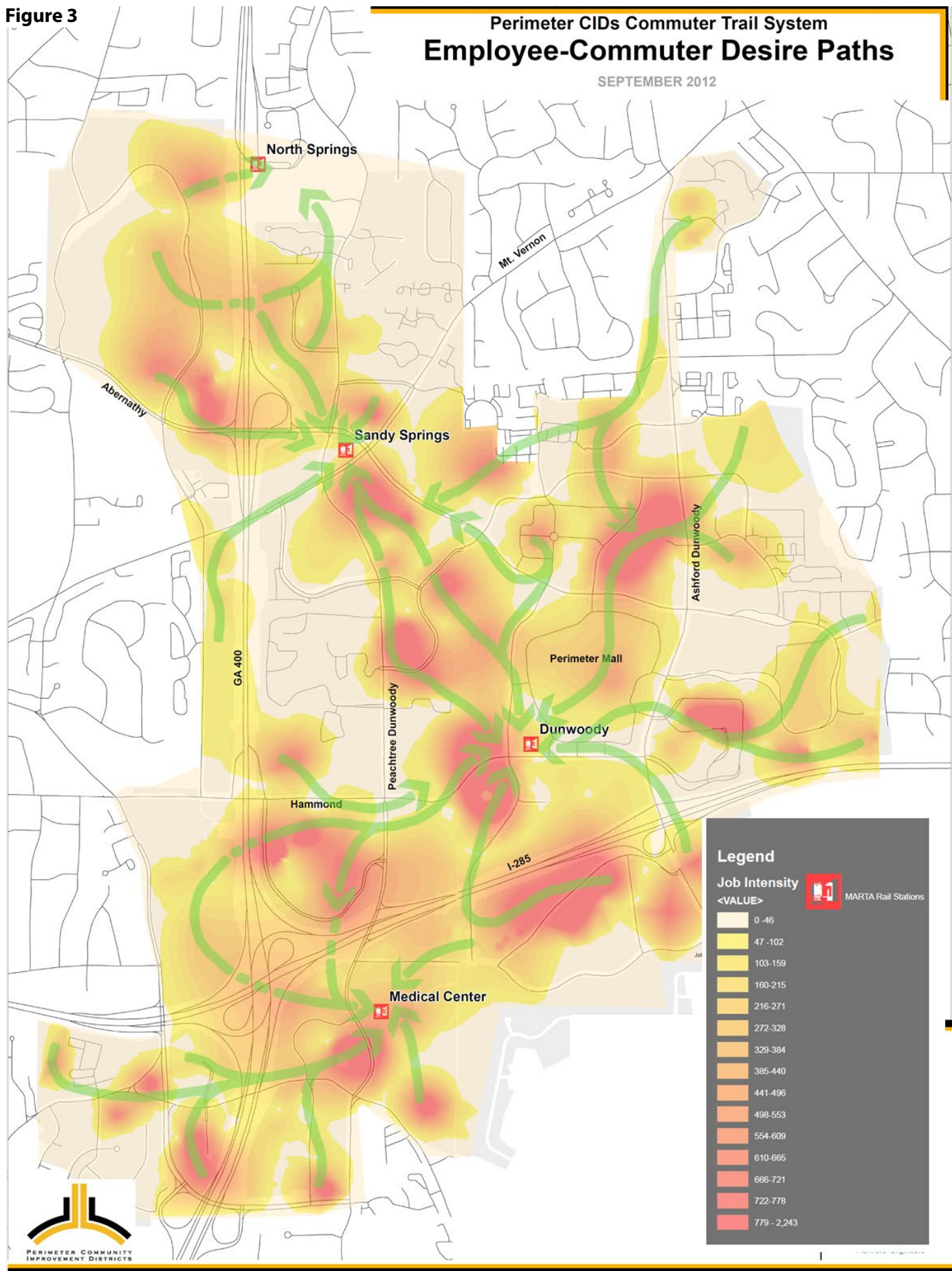
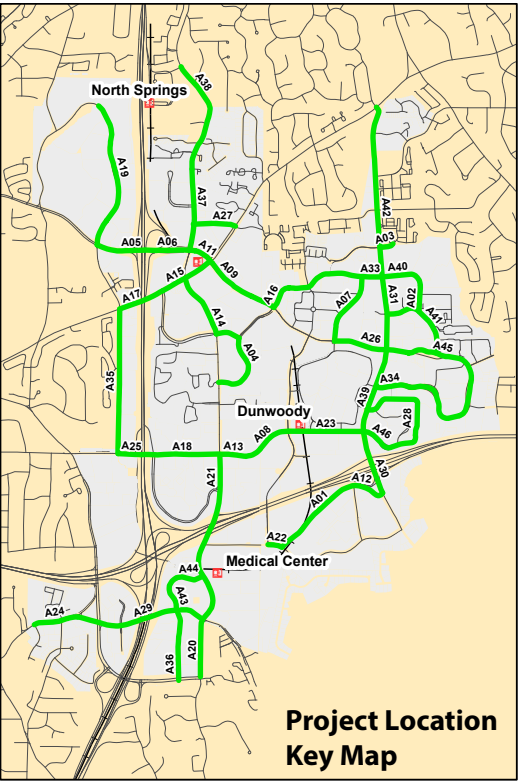


Table 1: Recommended Commuter Trails (adjacent to existing roadways)

Project ID Number	Street Name	From	To	Corridor	Length (Miles)	Facility	Recommendation	Terminal Market	Adjacent Market	Constructability Challenges	Priority Score	Estimated Construction Cost
								1 to 5	1 to 5	1 to 10		
A01	Lake Hearn Drive	Perimeter Summit	Parkside Pl	Pub. Road	0.5	Road Diet	Buffered bikeway/bus lane	5	2	0.67	18.00	\$25,000
A02	Asbury Square Rd NE	S. entry of Walmart	Perimeter Center N	Pub. Road	0.1	Road Diet	Buffered bikeway/bus lane (pending volume data)	1	3	0.30	16.67	\$5,000
A03	Ashford Parkway	Ashford Dunwoody	end	Pub. Road	0.1	Road Diet	Buffered bikeway	1	3	0.33	15.00	\$5,000
A04	Central Parkway	Peachtree Dunwoody	Tamworth	Pub. Road	0.4	Road Diet	Buffered bikeway/bus lane (AADT 6292) or Sidepath NB, medium challenge	5	5	2.11	7.11	\$20,000
A05	Abernathy	Glenlake	Hwy 400	Pub. Road	0.25	Path w/easement	Sidepath EB	4	3	1.67	6.60	\$414,772
A06	Abernathy	Hwy 400	Peachtree Dunwoody	Pub. Road	0.25	Path in ROW	Sidepath EB	4	2	1.67	6.00	\$496,487
A07	Perimeter Center Place	Perimeter Center West	Meadow Lane Road	Pub. Road	0.35	Road Diet	Buffered bikeway/TWLTL or Sidepath NB	4	4	2.11	5.68	\$17,500
A08	Perimeter Center West	Mt Vernon	Central Parkway	Pub. Road	0.4	Path w/easement	Sidepath WB	4	4	2.11	5.68	\$663,635
A09	Hammond	County Line	Perimeter Center Parkway	Pub. Road	0.2	Path w/easement	Sidepath WB	5	4	2.56	5.48	\$331,818
A10	Tamworth Dr	Peachtree Dunwoody	Central Parkway	Pub. Road	0.15	Road Diet	Buffered bikeway/bus lane (pending volume data) or Sidepath EB, medium challenge	3	3	1.67	5.40	\$7,500
A11	Abernathy	Peachtree Dunwoody	Mt Vernon	Pub. Road	0.1	Path w/easement	Sidepath EB	4	3	2.11	5.21	\$165,909
A12	Lake Hearn Drive	Parkside Pl	Ashford Dunwoody	Pub. Road	0.2	Road Diet	Shared Lane Markings	2	1	1.00	5.00	\$10,000
A13	Hammond	Peachtree Dunwoody	County Line	Pub. Road	0.2	Path w/easement	Sidepath WB	4	4	2.56	4.70	\$331,818
A14	Peachtree Dunwoody	Tamworth	Mt Vernon	Pub. Road	0.3	Path w/easement	Sidepath NB (to provide continuity with Tamworth/Central)	4	3	2.89	3.81	\$948,329
A15	Mount Vernon	Crestline Parkway	Abernathy	Pub. Road	0.3	Path w/easement	Sidepath WB	3	2	2.11	3.79	\$497,726
A16	Crown Pointe Parkway	Perimeter Center West	Old Perimeter Way	Pub. Road	0.2	Road Diet	Buffered bikeway/bus lane (pending volume data) or Sidepath EB	3	3	2.44	3.68	\$10,000
A17	Mount Vernon	Barfield Parkway	Crestline Parkway	Pub. Road	0.25	Path w/easement	Sidepath WB (plus cantilever deck for overpass)	3	1	2.11	3.32	\$1,414,772 (includes bridge modifications)
A18	Hammond	GA 400	Peachtree Dunwoody	Pub. Road	0.35	Path w/easement	Sidepath EB	4	3	3.33	3.30	\$695,081
A19	Glenlake	Abernathy	UPS	Pub. Road	0.6	Road Diet	Buffered bikeway/bus lane (AADT 10747) Sidepath NB, high challenge	4	4	3.67	3.27	\$30,000
A20	Peachtree Dunwoody	Glenridge Connector	I 285	Pub. Road	0.75	Path w/easement	Sidepath SB	3	2	2.44	3.27	\$1,489,460
A21	Peachtree Dunwoody	I 285	Hammond	Pub. Road	0.35	Path w/easement	Sidepath SB	3	2	2.44	3.27	\$695,081



**Definitions**  
Terminal Market (5 = High, 1 = Low): The relative intensity of commuter oriented demand traveling the length of a segment, based on analysis of the segment’s position relative to MARTA stations and Job Intensity as illustrated in Figure 2.

Adjacent Market (5 = High, 1 = Low): The relative intensity of both retail oriented demand and job intensity lateral to a segment’s length, based on analysis of the segment’s position relative to retail use parcels identified in property records and Job Intensity as illustrated in Figure 2.

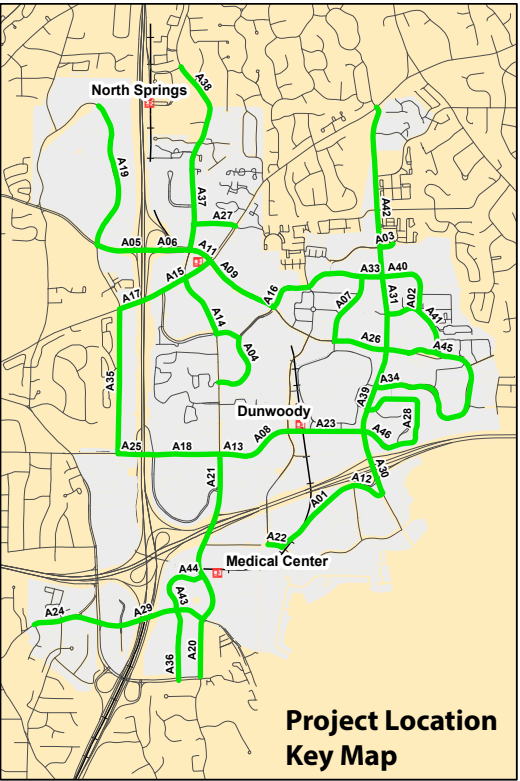
Constructability Challenges (1=Low, 5 = High, 10 = Very High): Relative estimated difficulty of trail development based on conditions near the project corridor, including likely grading intensity, existing tree cover, and development (parking lots, structures) on the margins of adjacent parcels, need for bridges/structures, etc.

Priority Score = ((2 X Terminal Market) + Adjacent Market)/Constructability Challenges.



Table 1: Recommended Commuter Trails (adjacent to existing roadways) - Continued

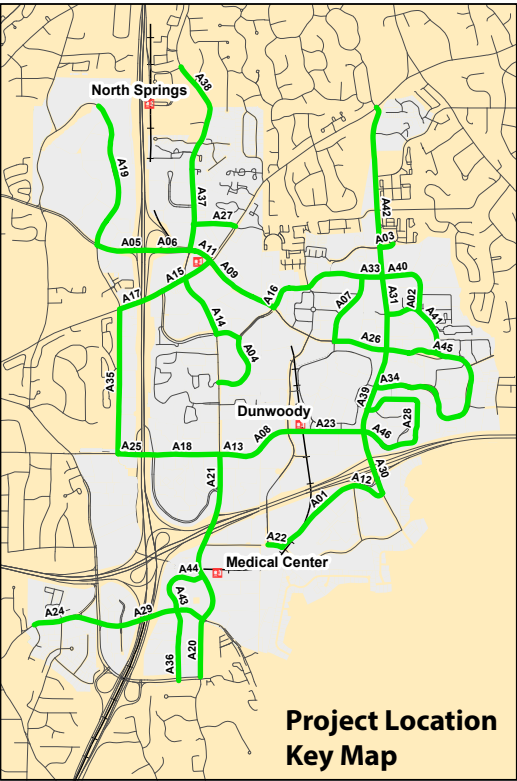
Project ID Number	Street Name	From	To	Corridor	Length (Miles)	Facility	Recommendation	Terminal Market	Adjacent Market	Construc-tability Challenges	Priority Score	Estimated Construction Cost
								1 to 5	1 to 5	1 to 10		
A22	Perimeter Summit	Perimeter Center Parkway	Lake Hearn Dr	Pub. Road	0.1	Path w/easement	Sidepath WB	3	3	2.78	3.24	\$316,110
A23	Hammond	Perimeter Center Parkway	Ashford Dunwoody	Pub. Road	0.35	Path w/easement	Sidepath WB	4	3	3.44	3.19	\$1,106,384
A24	Glenridge	Royervista	Johnsons Ferry	Pub. Road	0.3	Path w/easement	Sidepath EB	2	1	1.67	3.00	\$948,329
A25	Hammond	Barfield Parkway	GA 400	Pub. Road	0.15	Path w/easement	Sidepath EB (plus cantilever deck for overpass)	2	1	1.67	3.00	\$1,248,863 (includes bridge modifications)
A26	Perimeter Center West	Perimeter Center Place	Ashford Dunwoody	Pub. Road	0.25	Road Diet	Use existing bike lane Sidepath WB best option if additional facility desired	3	3	3.00	3.00	\$12,500
A27	N. Park Pl	Peachtree Dunwoody	Mt. Vernon	Pub. Road	0.2	Path w/easement	Sidepath WB	2	2	2.11	2.84	\$331,818
A28	Ravinia Parkway (n)	Ashford Dunwoody	SE corner of loop	Private Road	0.45	Road Diet	Buffered bikeway/bus lane (pending volume data) or Sidepath EB, high challenge	3	3	3.22	2.79	\$22,500
A29	Johnsons Ferry	Glenridge	Peachtree Dunwoody	Pub. Road	0.64	Path w/easement	Sidepath EB (overpass can be re-stripped/sidewalk reconfigured)	4	2	3.67	2.73	\$2,023,103
A30	Ashford Dunwoody	Perimeter Summit	Hammond/ Ravinia	Pub. Road	0.5	Path w/easement	Sidepath NB (plus cantilever deck on overpass)	3	2	3.00	2.67	\$1,829,544 (includes bridge modifications)
A31	Ashford Dunwoody	Perimeter Center West/ East	Meadow Lane	Pub. Road	0.35	Path w/easement	Sidepath NB	2	4	3.00	2.67	\$1,106,384
A32	Peachtree Dunwoody	Abernathy	N. Park Place	Pub. Road	0.1	Path w/easement	Sidepath SB	3	2	3.00	2.67	\$165,909
A33	Meadow Lane Road	Old Perimeter Way	Ashford Dunwoody	Pub. Road	0.4	Road Diet	Buffered bikeway/bus lane (pending volume data) or Sidepath EB, high challenge	3	3	3.67	2.45	\$20,000
A34	Perimeter Center E (S)	Ashford Dunwoody	Lincoln Parkway	Pub. Road	0.35	Road Diet	Buffered bikeway/bus lane (pending volume data) or Sidepath A35AWB	2	2	2.44	2.45	\$17,500
A35	Barfield Parkway	Hammond	Mt Vernon	Pub. Road	0.7	Re-stripe	Convert existing shoulders to bike lanes (markings, RT lanes/ints) or OR Path within ROW, OR path along SB GA 400	3	2	3.33	2.40	\$17,500
A36	Meridian Mark	Glenridge Connector	Johnsons Ferry	Pub. Road	0.34	Path in ROW	Sidepath SB (could be alternate to South end of Peachtree Dunwoody)	2	1	2.11	2.37	\$564,090
A37	Peachtree Dunwoody	N. Park Place	Glen Meadow Ct.	Pub. Road	0.4	Path w/easement	Sidepath SB	2	1	2.11	2.37	\$663,635



-75-

Table 1: Recommended Commuter Trails (adjacent to existing roadways) - Continued

Project ID Number	Street Name	From	To	Corridor	Length (Miles)	Facility	Recommendation	Terminal Market	Adjacent Market	Constructa-bility Chal-lenges	Priority Score	Estimated Construction Cost
								1 to 5	1 to 5	1 to 10		
A38	Peachtree Dunwoody	Glen Meadow Ct.	MARTA	Pub. Road	0.4	Path w/easement	Sidepath SB	2	1	2.11	2.37	\$663,635
A39	Ashford Dunwoody	Hammond/ Ravinia	Perimeter Center West	Pub. Road	0.41	Path w/easement	Sidepath SB	2	4	3.44	2.32	\$680,226
A40	Asbury Square Rd NE	Ashford Dunwoody	S. entry of Walmart	Pub. Road	0.25	Road Diet	Buffered bikeway/bus lane (pending volume data) or Sidepath EB, high challenge	2	4	3.67	2.18	\$12,500
A41	Perimeter Center N	Ashford Dunwoody	Perimeter Center E	Pub. Road	0.2	Road Diet	Buffered bikeway/bus lane (pending volume data) or Sidepath EB, medium challenge	1	2	2.11	1.89	\$15,000
A42	Ashford Dunwoody	Meadow Lane	Mt Vernon	Pub. Road	0.85	Path w/easement	Sidepath NB	2	2	3.22	1.86	\$2,686,933
A43	Hollis Cobb	Johnsons Ferry	Pk Garage Drive	Pub. Road	0.2	Path w/easement	Sidepath NB	3	1	3.78	1.85	\$632,220
A44	Hollis Cobb	Pk Garage Drive	Peachtree Dunwoody	Pub. Road	0.1	Path w/easement	Sidepath WB	3	1	3.78	1.85	\$198,595
A45	Perimeter Center E (N)	Ashford Dunwoody	Lincoln Parkway	Pub. Road	0.4	Road Diet	Buffered bikeway/bus lane (pending volume data) or	1	2	2.44	1.64	\$20,000
A46	Ravinia Parkway (s)	SE corner of loop	Ashford Dunwoody	Private Road	0.25	Road Diet	Buffered bikeway/bus lane (pending volume data) or Sidepath WB	1	1	3.22	0.93	\$12,500



**Table 2: Recommended Commuter Trails (independent alignments)**

Project ID Number	Project Description	From	To	Pathway Length	Terminal Market	Detour Reduction Score	Adjacent Market	Constructability Challenges	Priority Score	Estimated Construction Cost
					5 to 1		5 to 1	1 to 10		
I1	Lake Hearn-Medical Center	Peachtree Dunwoody	Perimeter Summit Parkway	2400 ft	5	2.2	2	1	12.8	\$565,598.02
I2	Ravinia North	Ravinia Parkway	Perimeter Center East	325 ft	2	5.3	1	1	11.6	\$69,719.26
I3	Ashwood Pkwy-Meadow Lane	Meadow Lane	Ashwood Parkway	300 ft	1	9.8	1	1	10.8	\$109,977.39
I4	Ashford Green-Lake Hearn	Parkside Pl	Ashford Green	350 ft	2	7.6	1	2	8.1	\$111,792.56
I5	Central-Mall	Central Parkway	Perimeter Center Parkway	1675 ft	4	2.4	4	2	6.7	\$512,934.56
I6	Perimeter Mall West Side	Hammond	Perimeter Center West	3000 ft	4	1.2	3	2	3.8	\$1,031,053.77
I7	Lakeside-Hammond	NW corner of interchange	Hammond	1700 ft	2	2.9	1	2	3.4	\$643,691.39
I8	Ravinia East	Ravinia Parkway	Perimeter Center East	600 ft	2	1.1	1	1	3.3	\$750,674.26
I9	Lakeside-Medical Center	NW corner of Interchange	Hollis Cobb	1800 ft	2	3.3	0	10	0.7	\$5,625,000

**Definitions**

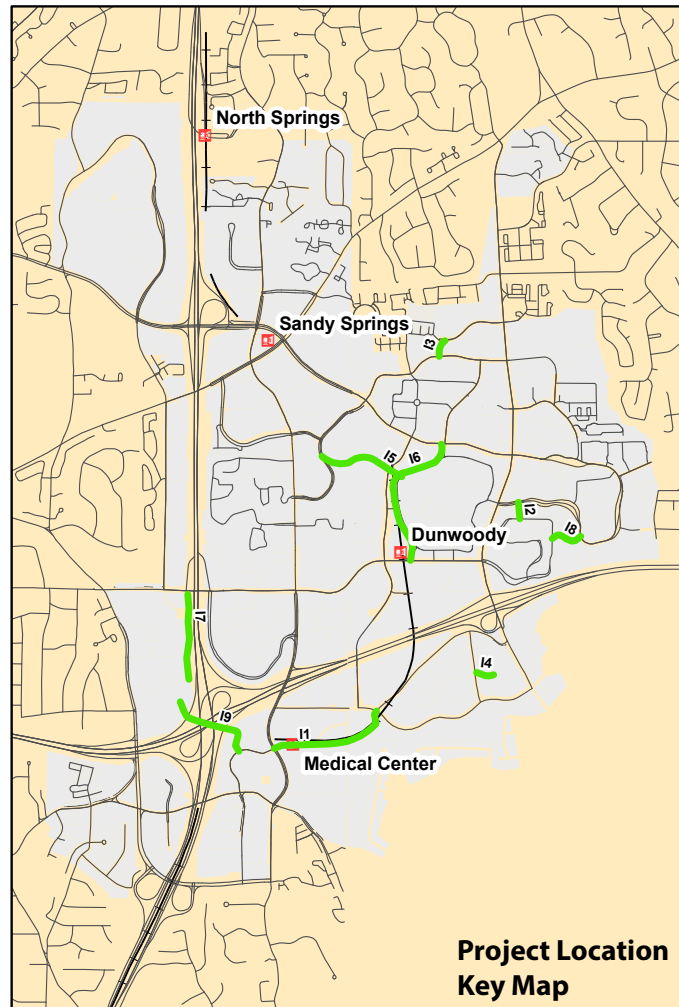
Terminal Market: See page 22.

Detour Reduction Score: The current distance between the terminal points along existing roadways divided by the length of the proposed new facility.

Adjacent Market: See page 22.

Constructability Challenges: See page 22.

Priority Score = ((Terminal Market x Detour Reduction Score) + Adjacent market ) / Constructability Challenges.



**Table 3: Recommended Sidewalk Projects**

Project ID Number	Working Name	From	To	Corridor Type	Length	Rec. Type	Estimated Construction Cost
S1	Abernathy (WB)	GA 400 Ramp	Peachtree Dunwoody	Pub. Road	500 ft	Sidewalk	\$21,581
S2	Central Parkway (EB)	Tamworth	Perimeter Center W	Pub. Road	750 ft	Sidewalk	\$32,372
S3	Glenridge Dr (NB)	Signal	Sutters Point	Pub. Road	1125 ft	Sidewalk	\$48,557
S4	Hammond Dr (WB)	Glenridge	Barfield	Pub. Road	975 ft	Sidewalk	\$42,083
S5	Johnsons Ferry (SB)	Peachtree Dunwoody	Old Johnsons Ferry	Pub. Road	1250 ft	Sidewalk	\$69,426
S6	Lake Hearn	Parkside Place	Ashford Dunwoody	Pub. Road	300 ft	Sidewalk	\$12,949
S7	Perimeter Center East (NB)	Lincoln Parkway	Perimeter Center Lofts	Pub. Road	300 ft	Sidewalk	\$12,949

