

MEMORANDUM

To: Mayor and City Council

From: Mindy Sanders

Date: May 26, 2015

Subject: **Discussion of Tilly Mill Road Sidewalk Concepts**

DISCUSSION

Sidewalk construction along the west side of Tilly Mill Road and pavement resurfacing from N. Peachtree Road to Womack Road is currently being considered in coordination with the construction of the intersection project at North Peachtree Road. This segment of Tilly Mill Road scored high according to the city's sidewalk policy based on several factors including the traffic volumes and speed limit on Tilly Mill Road, the demonstrated demand, transit opportunities, and the number of trip generators in proximity to the project.

The southern part of the project from N. Peachtree Road to Cherring Road consists of two-12' wide travel lanes, which transitions to a three-lane section that includes two-12' wide travel lanes and a center turn lane along the northern portion to Womack Road. An existing sidewalk is located on the east side of the road. There are currently no existing bike lanes. The new sidewalks will involve filling in the existing drainage ditches on the west side of the road and adding new curb and gutter and stormwater pipe. In accordance with the city's *Complete Street Policy*, which states that the City will accommodate the various users of the right of way and design roadway projects in context with the surrounding community, bike accommodations are also being considered.

Three alternatives were presented at a public meeting primarily attended by the adjacent property owners. Alternative 1 consists of constructing a sidewalk with shared bicycle accommodations within the travel lanes whereas Alternative 2 would add a sidewalk and widen the existing pavement ~6 ft to accommodate dedicated 4 ft wide bike lanes in both directions. Alternative 3 is a hybrid of Alternatives A and B that adds bike lanes only along the existing 2-lane section between N. Peachtree Road and Cherring Road with bicycles sharing the travel lanes with vehicles on the existing 3-lane section.

The following table summarizes the expected impacts for each alternative:

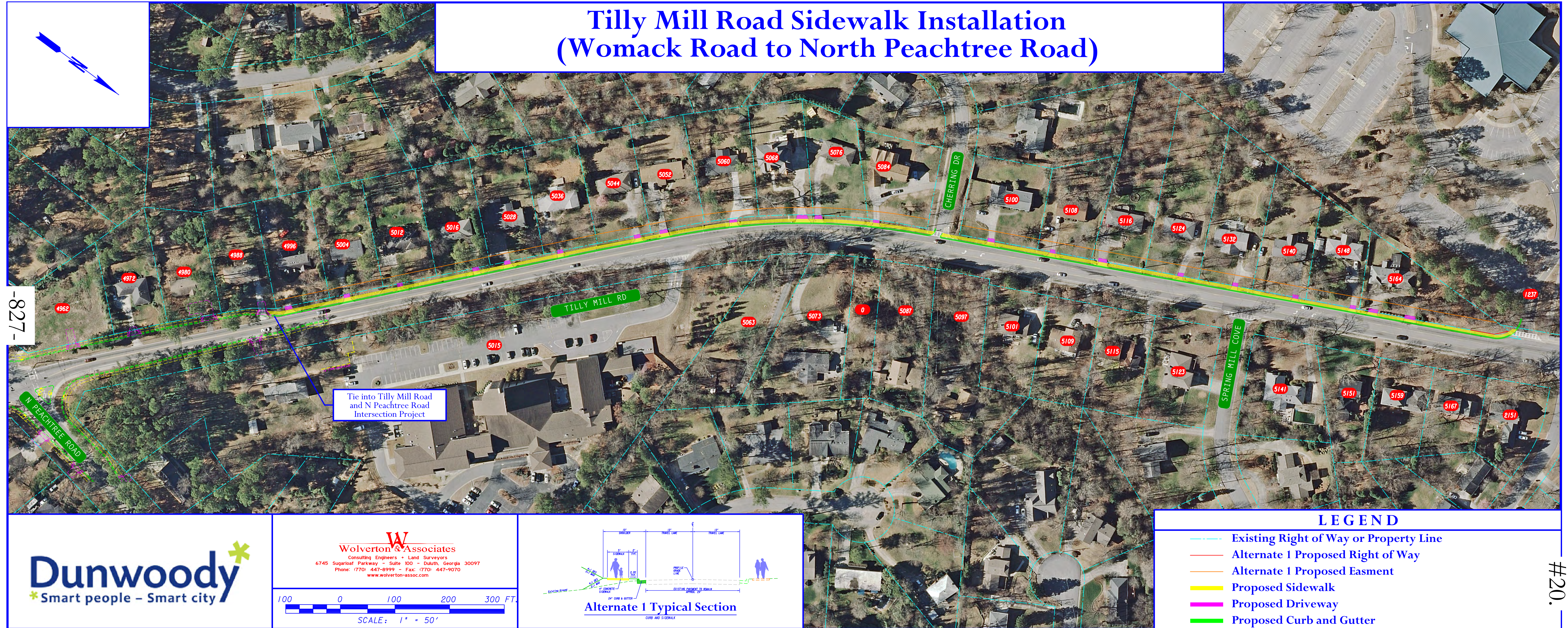
	Estimated Construction Costs	Additional Pavement Width	Required R/W Parcels	R/W Area	Complete Streets Accommodation
Alternative 1	\$750,000	2 ft	13	1,750 sf	Improved
Alternative 2	\$900,000	6 ft	21	0.23 acres	Optimal
Alternative 3	\$800,000	Varies 0-6 ft	13	0.10 acres	Good

The following table summarizes other considerations for each alternative:

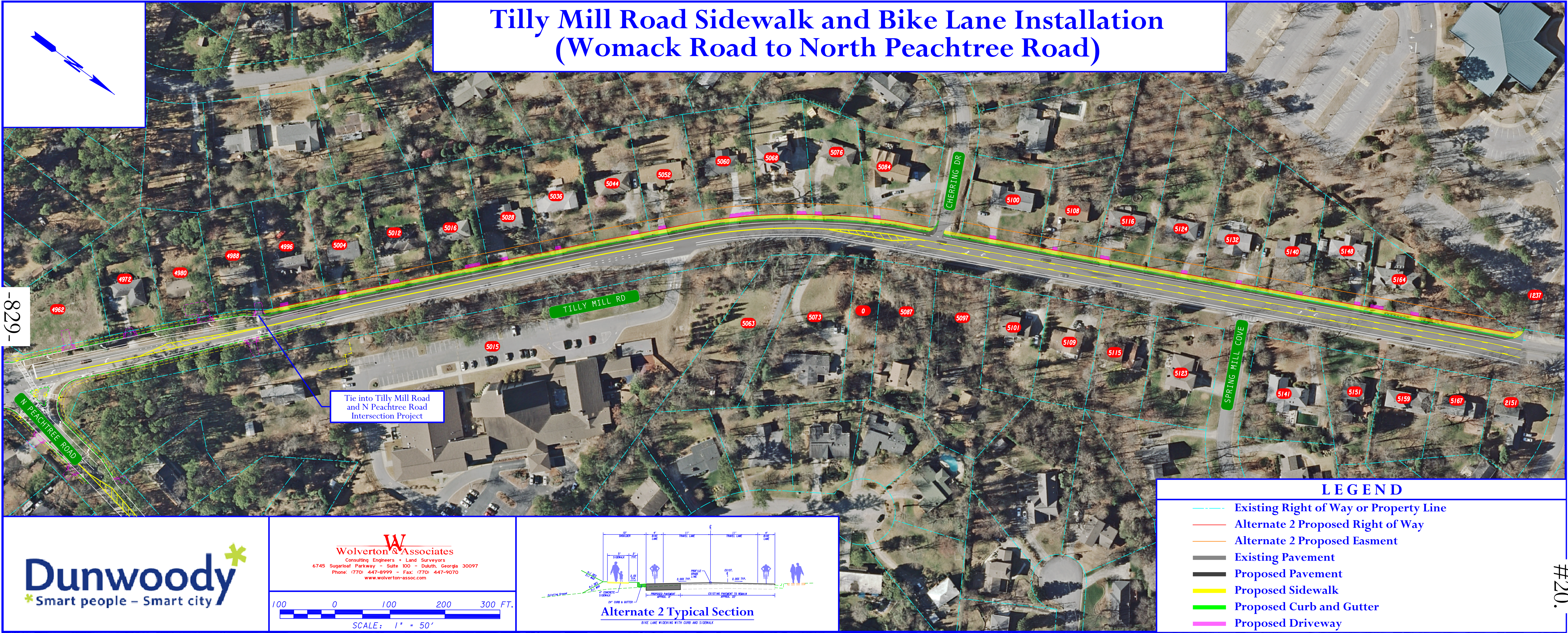
Alternative 1	<ul style="list-style-type: none"> Fully accommodates pedestrians Bike riders would be riding in the same lanes as vehicles Travel lanes would be striped to accommodate 14' lanes which could encourage higher speeds
Alternative 2	<ul style="list-style-type: none"> Fully accommodates pedestrians and provides additional buffer from vehicle lane Would provide dedicated bicycle lane connectivity between Womack Rd and Peachford Rd Would provide a safer curb to curb width for emergency vehicles within the 2-lane section Travel lanes would be striped to accommodate 11' lanes, which tends to discourage higher speeds
Alternative 3	<ul style="list-style-type: none"> Fully accommodates pedestrians and provides additional buffer from vehicle lanes on 2-lane section Would provide a safer curb to curb width for emergency vehicles within the 2-lane section Travel lanes would be striped to accommodate 11' lanes, which tends to discourage higher speeds Balance between cost and right of way impacts

Based on the comments received from the public, it is evident that most respondents were strongly in favor of adding the sidewalks. However, the responses were inconclusive about which option was most supported by the public. The public works staff recommends Alternative 3 because it improves safety for pedestrians, motorists, and cyclists while limiting impacts to adjacent property owners.

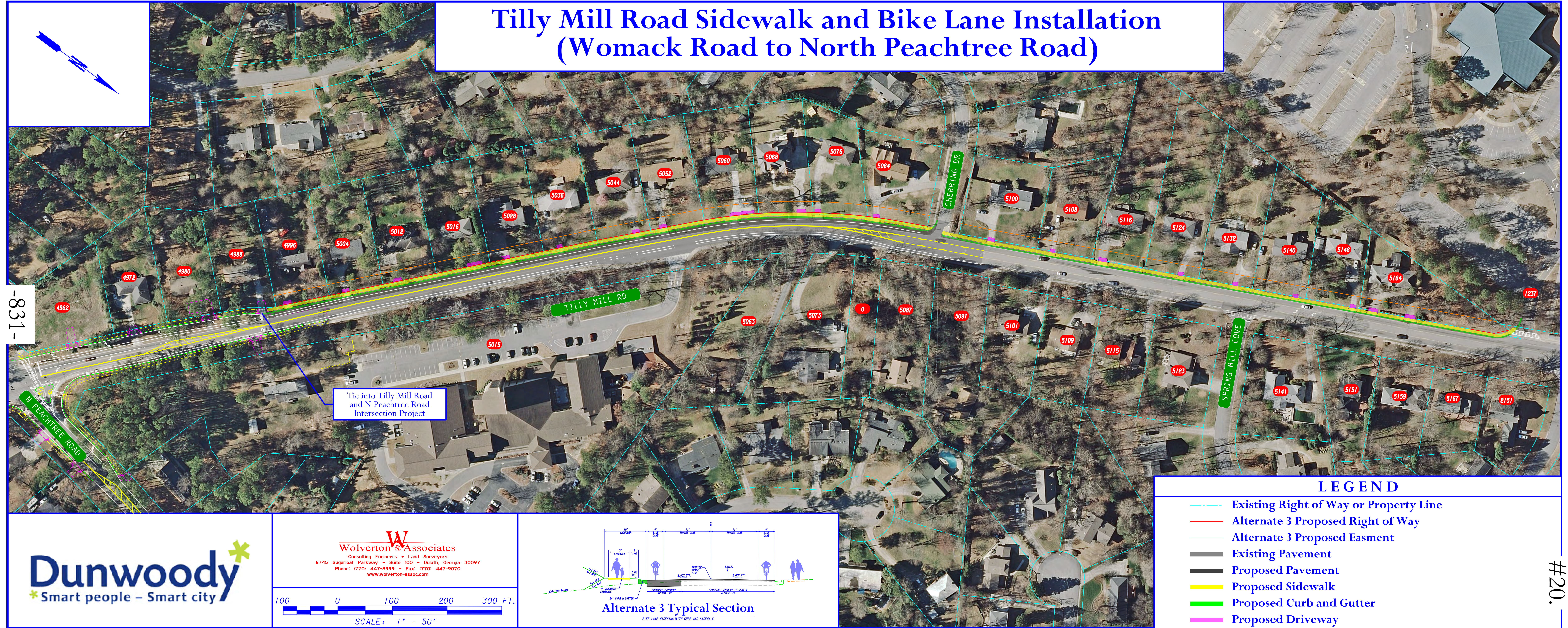
Tilly Mill Road Sidewalk Installation (Womack Road to North Peachtree Road)

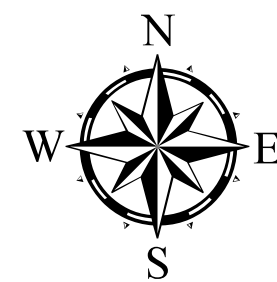


Tilly Mill Road Sidewalk and Bike Lane Installation (Womack Road to North Peachtree Road)



Tilly Mill Road Sidewalk and Bike Lane Installation (Womack Road to North Peachtree Road)



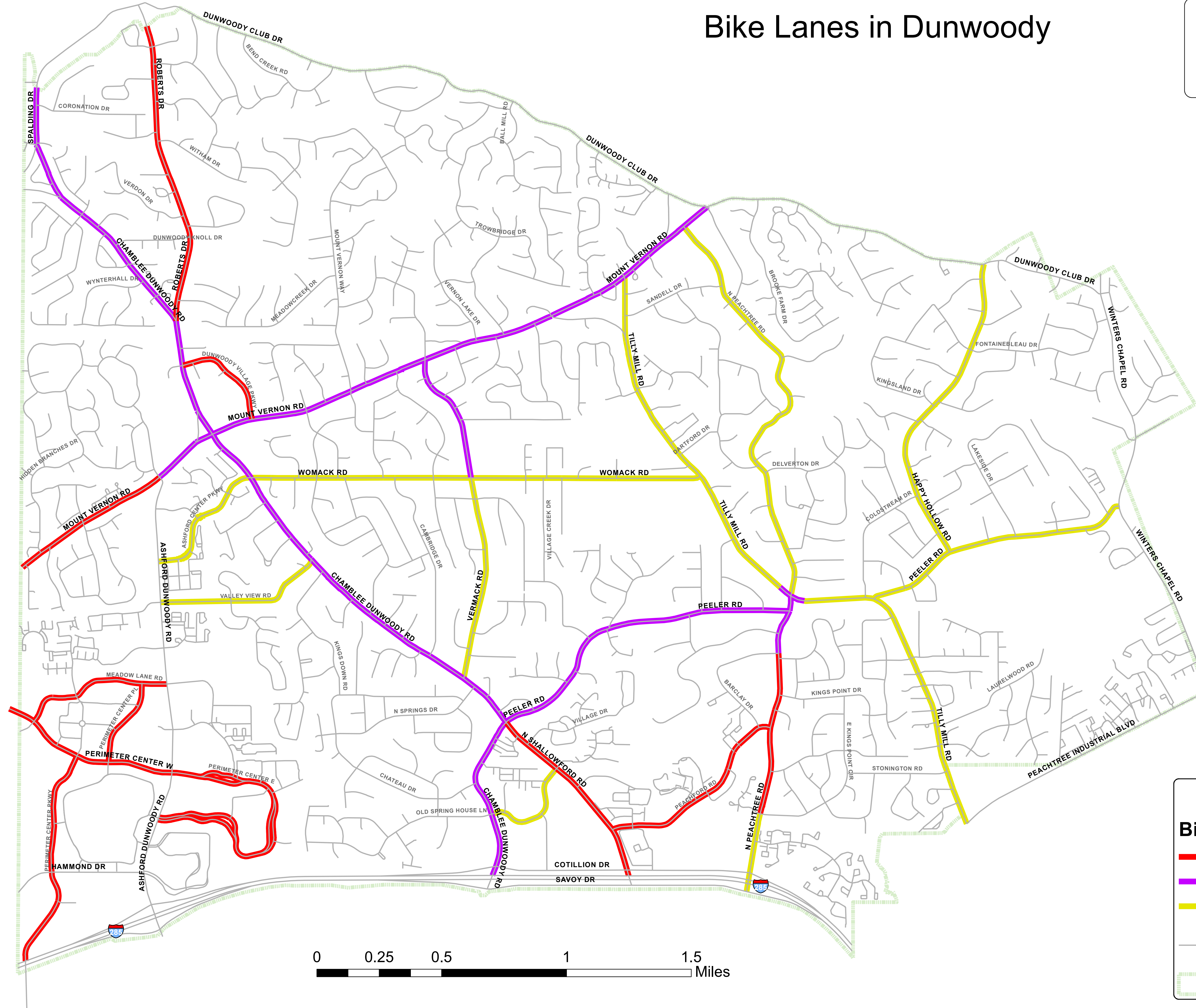


Bike Lanes in Dunwoody

Dunwoody*
*Smart people – Smart city

Public Works

41 Perimeter Center East | Dunwoody, Georgia
Suite 250 | 30346-1902
678-382-6850 ~ www.dunwoodyga.gov



Legend

Bike Lane

Existing

Proposed

Bike Route

Street Centerline

Dunwoody City Limit