



DurhamWalks! Pedestrian Plan Update

November 8, 2012



Background – DurhamWalks! Plan

- Adopted by City Council in 2006.
- Created a ranking of street corridors where new sidewalks are needed.
- Updated sidewalk ranking in 2011.

Transportation Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4366
F 919.560.4561

dale.mckeel@durhamnc.gov



Revised Sidewalk Ranking (Total of 235 Corridors)

Attachment B. Revised Sidewalk Corridor Ranking.

Sidewalk corridors have been re-ranked using 2004-2008 crash data, bus stop data, and by weighting parks and schools 50 percent higher.

Transportation Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4366
F 919.560.4561

dale.mckee@durhamnc.gov

Road Name	Extent From	Extent To	2011 Total Score	2006 Priority Rank	2011 Priority Rank	Change in Rank ¹
DearbornA1	Old Oxford	Ruth	16.5	2	1	1
Hope Valley A1	HWY 54	Swarthmore	15	1	2	-1
AlstonA3	Cecil (NC 55)	Riddle	14.5	21	3	18
Roxboro2	Pacific	Murray	13.75	19	4	15
Roxboro6	Enterprise	Cornwallis	13.5	17	5	12
University3	Old Chapel Hill	Hope Valley	13.5	6	6	0
FayettevilleA2	Woodcroft	MLK	13	11	7	4
GarrettA1	Hope Valley	Swarthmore	13	3	8	-5
Markham1	Ninth	Washington	13	32	9	23
CornwallisA1	Chapel Hill Rd	Roxboro	12.5	14	10	4
Geer4	Midland Terrace	Glenn School	12.5	109	11	98
Broad1	Durham Freeway	F Street	12.25	56	12	44
HWY 54 PW2	Alston	Miami	12.25	N/A	13	N/A
NC 55A	Riddle	Cecil	12.25	N/A	14	N/A
DukeA1	Roxboro	Carver	12	22	15	7
HortonA2	Stadium	Roxboro	12	49	16	33
LaSalleA1	Kangaroo	Erwin	12	16	17	-1
Club1	Ruffin	Ambridge	11.75	7	18	-11
Cook	Fayetteville	Martin Luther King Jr.	11.75	45	19	26
HardeePW	Holloway	Cheek	11.75	N/A	20	N/A
AlstonA2	Holloway	NC 147	11.5	29	21	8
Cameron	Erwin	Duke University	11.5	9	22	-13
Campus Walk	Morrene	LaSalle	11.5	10	23	-13



2011 Report

- Detailed report on status of the top 52 ranked sidewalk projects
- Adopted Unfunded Sidewalk Priority List (24 projects)
- Little change to unfunded list over past year: NCDOT funded one project in draft 2012-2020 State TIP – Duke Street (Murray Ave. to Roxboro Rd) - FY2020

Transportation Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4366
F 919.560.4561

dale.mckeel@durhamnc.gov



Status Report (Top 52 Projects)

Attachment C. Status of Top 52 Sidewalk Corridor Projects (Score > 9)

Note: STP-DA and CMAQ are federal funds allocated by the DCHC MPO; ARRA refers to federal stimulus funds.

Transportation Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4366
F 919.560.4561

dale.mckee@durhamnc.gov

Road Name	Extent From	Extent To	2011 Priority Rank	Project Status
DearbornA1	Old Oxford	Ruth	1	Sidewalk constructed on west side in 2011 (ARRA); except for bridges to be constructed in 2012 (City Bond).
Hope Valley A1	HWY 54	Swarthmore	2	Section between Swarthmore and S. Roxboro (west side) constructed in 2011 (ARRA); section between Garrett and NC 54 (west side) has been designed and awaiting ROW acquisition before construction can begin (STP-DA).
AlstonA3	Cecil (NC 55)	Riddle	3	Funded STP-DA (FY 2015)
Roxboro2	Pacific	Murray	4	Not funded.
Roxboro6	Enterprise	Cornwallis	5	Sidewalk constructed on west side in 2006. There is now a complete sidewalk on the west side in this corridor.
University3	Old Chapel Hill	Hope Valley	6	Section between Old Chapel Hill and Dixon has been designed and to be constructed in 2012 (south side); section between Dixon and Hope Valley to be built by NCDOT (FY 2015).
FayettevilleA2	Woodcroft	MLK	7	To be constructed as part of planned future widening.
GarrettA1	Hope Valley	Swarthmore	8	Project has been designed (west side) and awaiting ROW acquisition (City Bond)
Markham1	Ninth	Washington	9	Complete sidewalk on at least one side of the street except for one lot that has tree root conflicts.
CornwallisA1	Chapel Hill Rd	Roxboro	10	Funded STP-DA (Design FY 2012; Construction FY 2014)
Geer4	Midland Terrace	Glenn School	11	Not funded.
Broad1	Durham Freeway	F Street	12	Complete sidewalk on both sides except for sections adjacent to Duke East Campus (east side) and between Main and NC 147 (east side). The bridge over NC 147 does not have sidewalk on the east side.
HWY 54 PW2	Alston	Miami	13	Not funded. Much of this section is in RTP outside City limits. There is a pedestrian path along one side of NC 54 in RTP.



Unfunded Sidewalk Construction Priority List (24 Projects - \$14 million)

Attachment D. Unfunded Sidewalk Construction Priority List

Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

name@durhamnc.gov

	Road Name	Extent From	Extent To	Segment Length (ft)	2011 Priority Rank	Proposed Construction	Planning Level Cost Estimate	Running Total
1	Roxboro2	Pacific	Murray	7418	4	Construct approx 1149 feet of sidewalk behind existing curb and gutter to complete sidewalk on west side.	\$ 86,203	\$ 86,203
2	Geer4	Midland Terrace	Glenn School	8451	11	Construct approx 4611 feet of sidewalk on north side or 6873 feet of sidewalk on south side, either behind the ditch or new curb and gutter, to provide a complete sidewalk on one side of corridor. Bike plan also calls for bike lanes in corridor.	\$ 1,237,193	\$ 1,323,396
3	NC 55A	Riddle	Cecil	5680	14	Construct approx 3235 feet of sidewalk on east side or 4458 feet of sidewalk on west side, behind existing curb and gutter, to provide a complete sidewalk on one side of corridor.	\$ 334,380	\$ 1,657,776
4	DukeA1	Roxboro	Carver	5758	15	Construct approx 5223 feet of sidewalk on east side or 4537 feet of sidewalk on west side, behind existing curb and gutter, to provide a complete sidewalk on one side of corridor.	\$ 391,741	\$ 2,049,517
5	HortonA2	Stadium	Roxboro	5185	16	Construct approx 3622 feet of sidewalk on north side or 4725 feet of sidewalk on south side, either behind the ditch or new curb and gutter, to provide a complete sidewalk on one side of corridor. Bike plan also calls for bike lanes in corridor.	\$ 850,519	\$ 2,900,035
6	Cook	Fayetteville	Martin Luther King Jr.	5722	19	Construct approx 4936 feet of sidewalk on north side or 4262 feet of sidewalk on south side, either behind the ditch or new curb and gutter, to provide a complete sidewalk on one side of corridor. Bike plan also calls for bike lanes in corridor.	\$ 888,513	\$ 3,788,548
7	HardeePW	Holloway	Cheek	5070	20	Construct approx 4718 feet of sidewalk on west side or 5070 feet of sidewalk on east side, either behind the ditch or new curb and gutter, to provide a complete sidewalk on one side of corridor. Bike plan also calls for bike lanes in corridor.	\$ 912,537	\$ 4,701,085



Status Update

Completed Projects in 2011 and 2012

- Hope Valley Rd. (Swarthmore St. to existing sidewalk)
- Washington St. (Trinity Ave. to Club Blvd.)
- Markham Ave. (Washington St. to Avondale Dr.)
- Club Blvd (Ruffin St. to Stephenson Street)
- Erwin Road (Main St. to Anderson St.)
- Hillandale Rd (Front St. to Cammie St.)
- Miami Boulevard (Methodist St. to Bethesda Ave).

Transportation Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4366
F 919.560.4561

dale.mckeel@durhamnc.gov



Status Update

Funded Projects (FY 2012 – 17)

Some Projects include Bicycle Facilities

- Barbee Road (Orindo to Pearson Elementary School)
- DATA Sidewalk
- Fayetteville St. Safe Routes to School
- Rogers-Herr Safe Routes to School
- Garrett Rd (Swarthmore to Hope Valley)
- Avondale Dr. (Roxboro Rd. to Geer St.)
- Cheek Rd (Geer St. to Hardee St.)
- **Cornwallis Road (South Roxboro to University Dr. or Chapel Hill Rd.)**
- **Morreene Rd. (Erwin Rd to Neal Rd)**
- **Carpenter-Fletcher Rd. (Woodcroft Parkway to Alston Ave.)**
- **Hillandale Rd. (I-85 to NC 147) – U-4726HK**
- Campus Walk (Morreene to LaSalle)
- LaSalle (Kangaroo to Erwin)
- Holloway Street (US 70 to Miami; west of US 70)
- Hope Valley Road (MLK Parkway to US 15-501 Business)
- Cameron Boulevard (Erwin to Duke University Rd)
- Alston Avenue (Campus Hills to Riddle; Carpenter Fletcher to Sedwick)
- Pedestrian Improvements near West Durham Station
- Pedestrian Improvements near Downtown Durham Station
- Pedestrian Improvements near Alston Avenue Station
- Duke Street (Murray Ave. to Roxboro Rd)

Transportation Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4366
F 919.560.4561

dale.mckee@durhamnc.gov

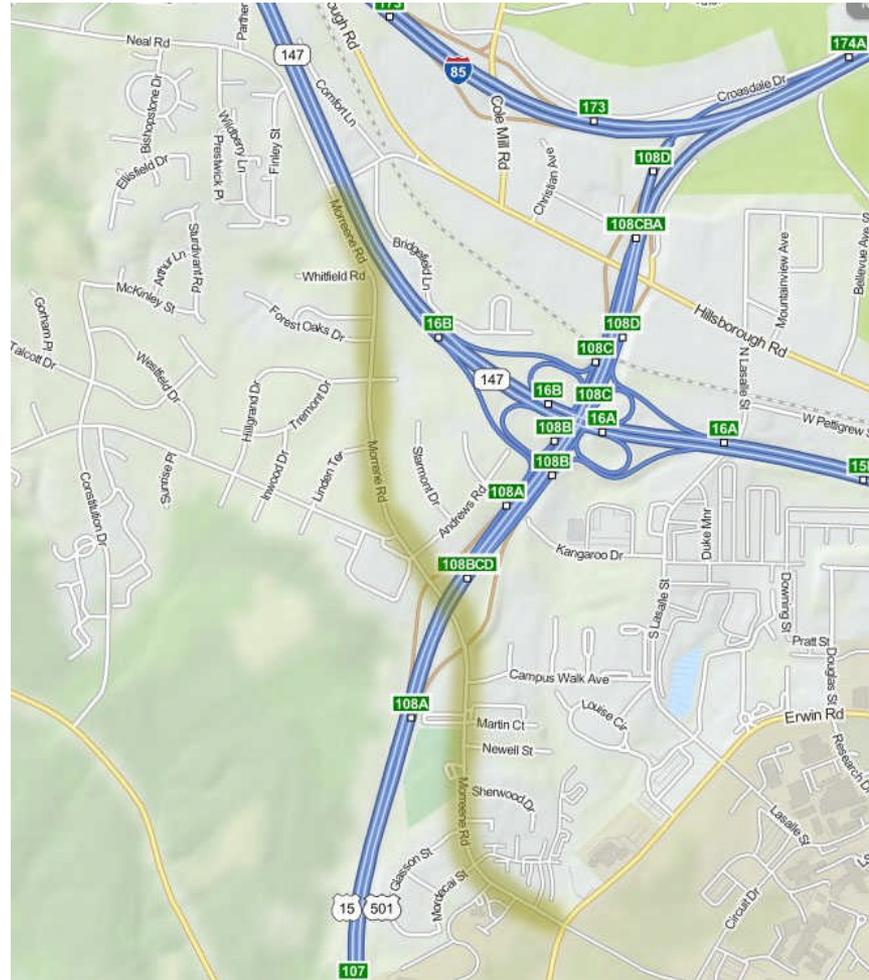


Project 1 - Morreene Road from Erwin Road to Neal Road

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov



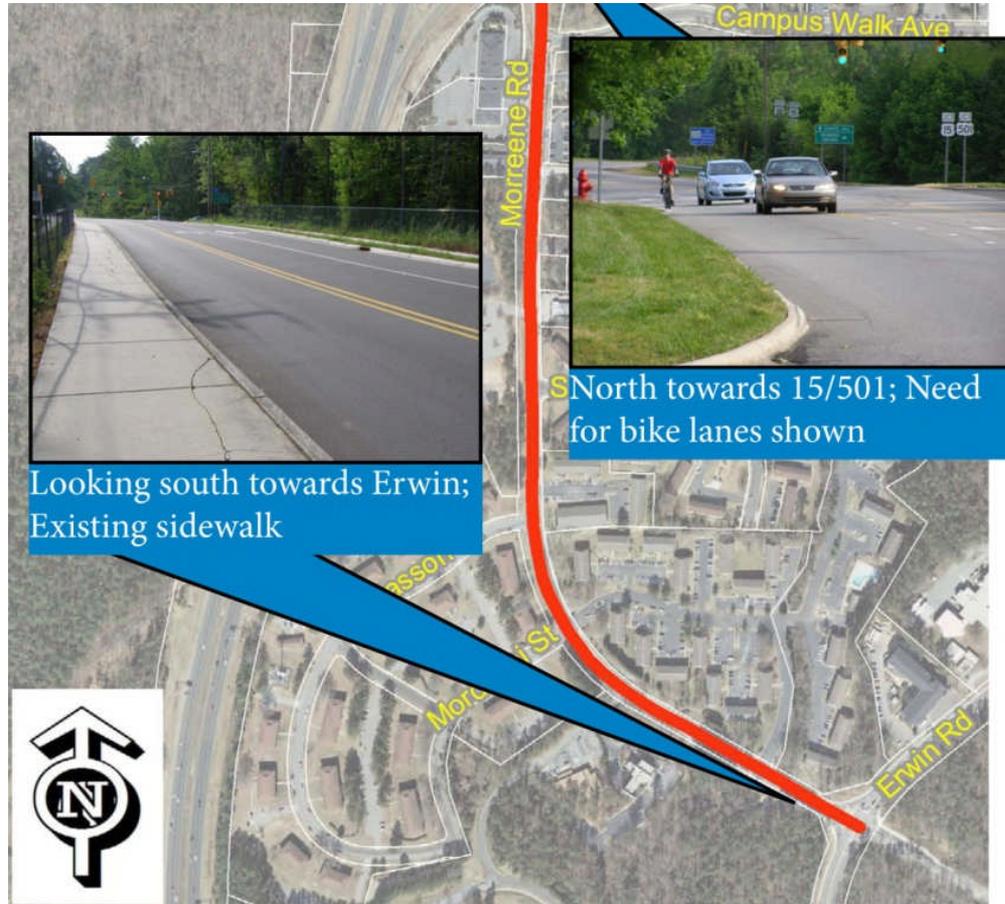


Project 1 - Morreene Road from Erwin Road to Neal Road

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov





Project 1 - Morreene Road from Erwin Road to Neal Road

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov





Project 1 - Morreene Road from Erwin Road to Neal Road

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov



Looking South at Neal; No C&G and no shoulder

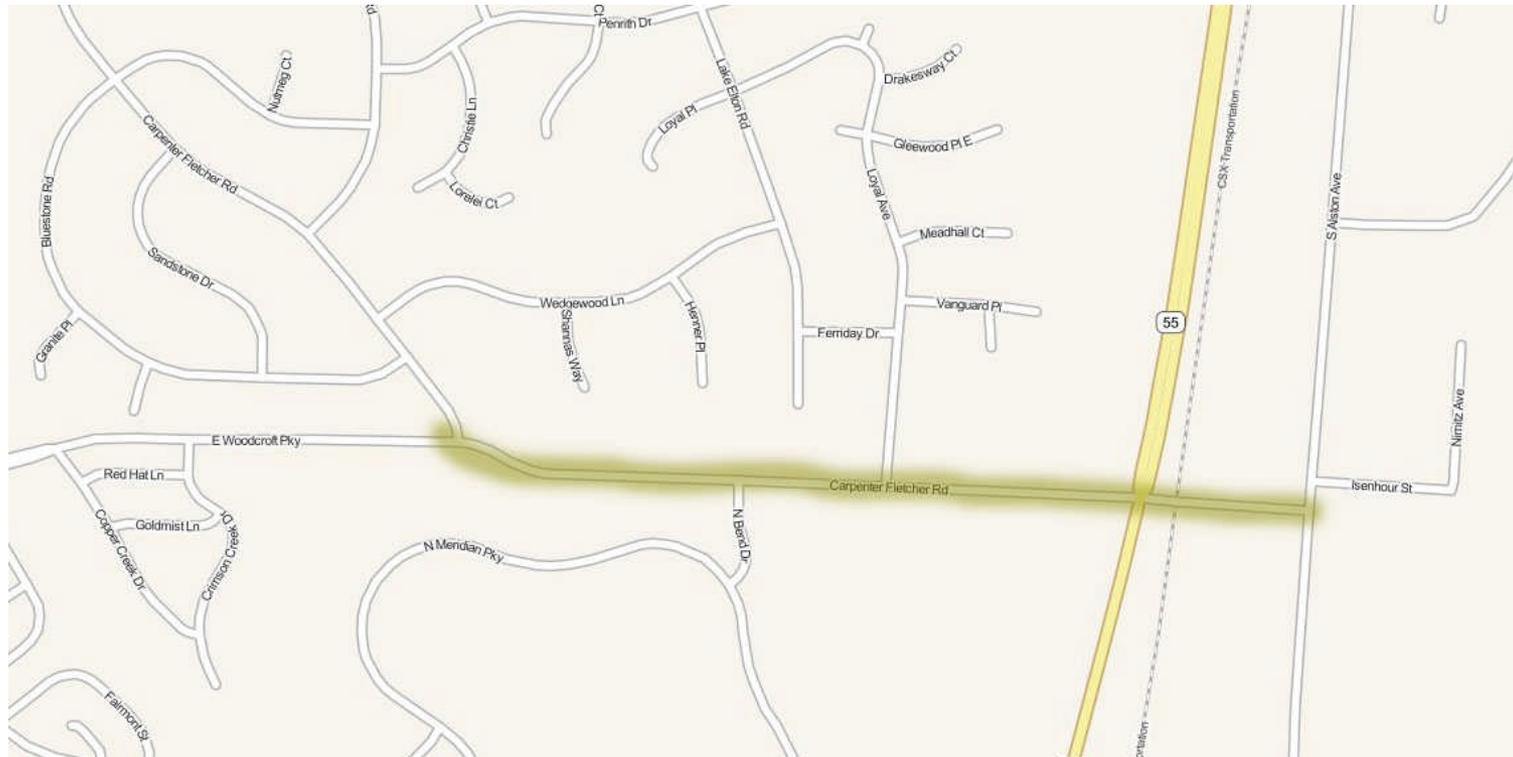


Project 2 - Carpenter-Fletcher Road from Woodcroft Parkway to S. Alston Avenue

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov





Project 2 - Carpenter-Fletcher Road from Woodcroft Parkway to S. Alston Avenue

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov





Project 2 - Carpenter-Fletcher Road from Woodcroft Parkway to S. Alston Avenue

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov

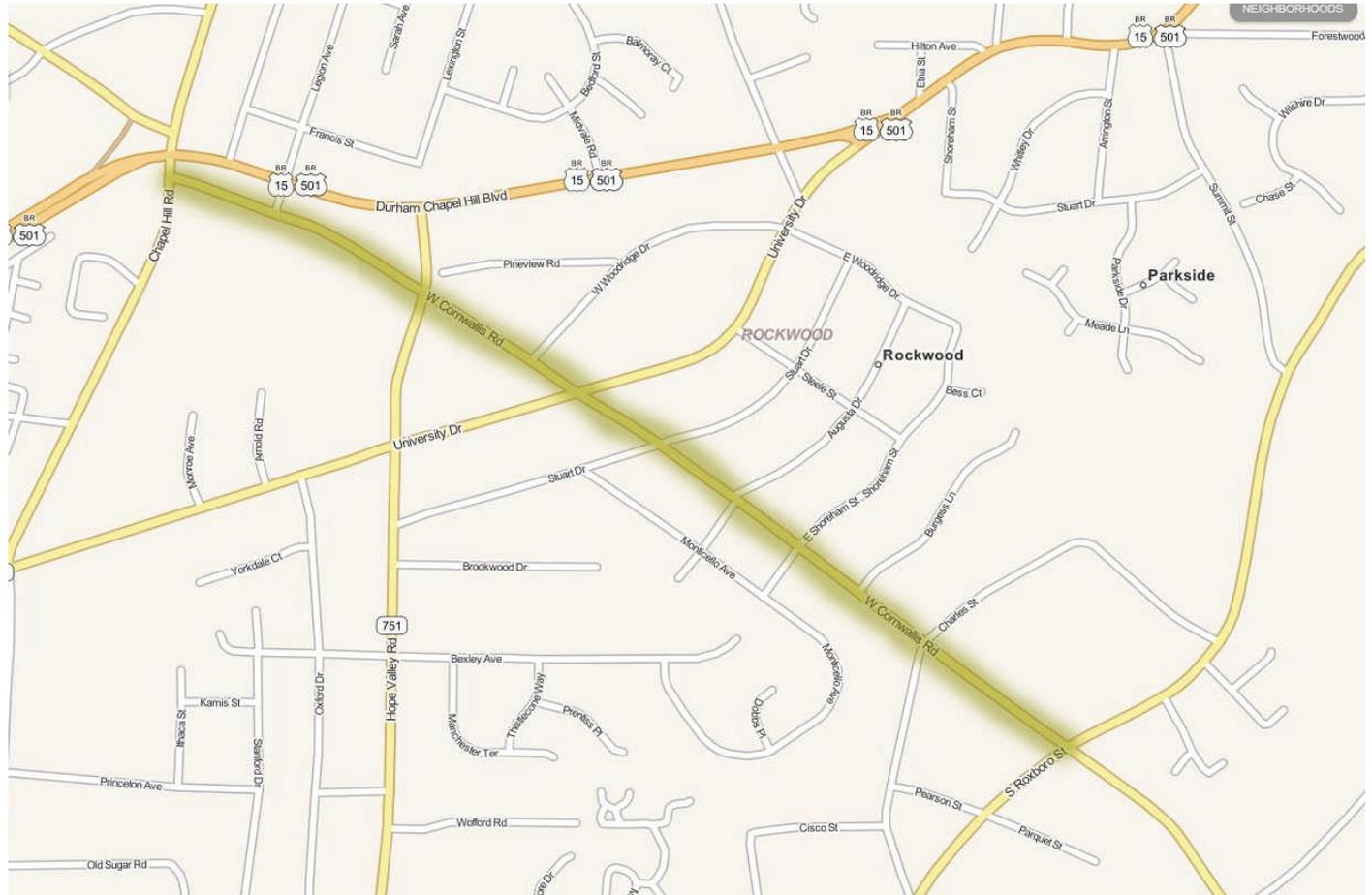


Termini Point; Woodcroft at Carpenter-Fletcher

Looking south from Woodcroft; Existing C&G



Project 3 - Cornwallis Road from S. Roxboro Street to Chapel Hill Road



Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov

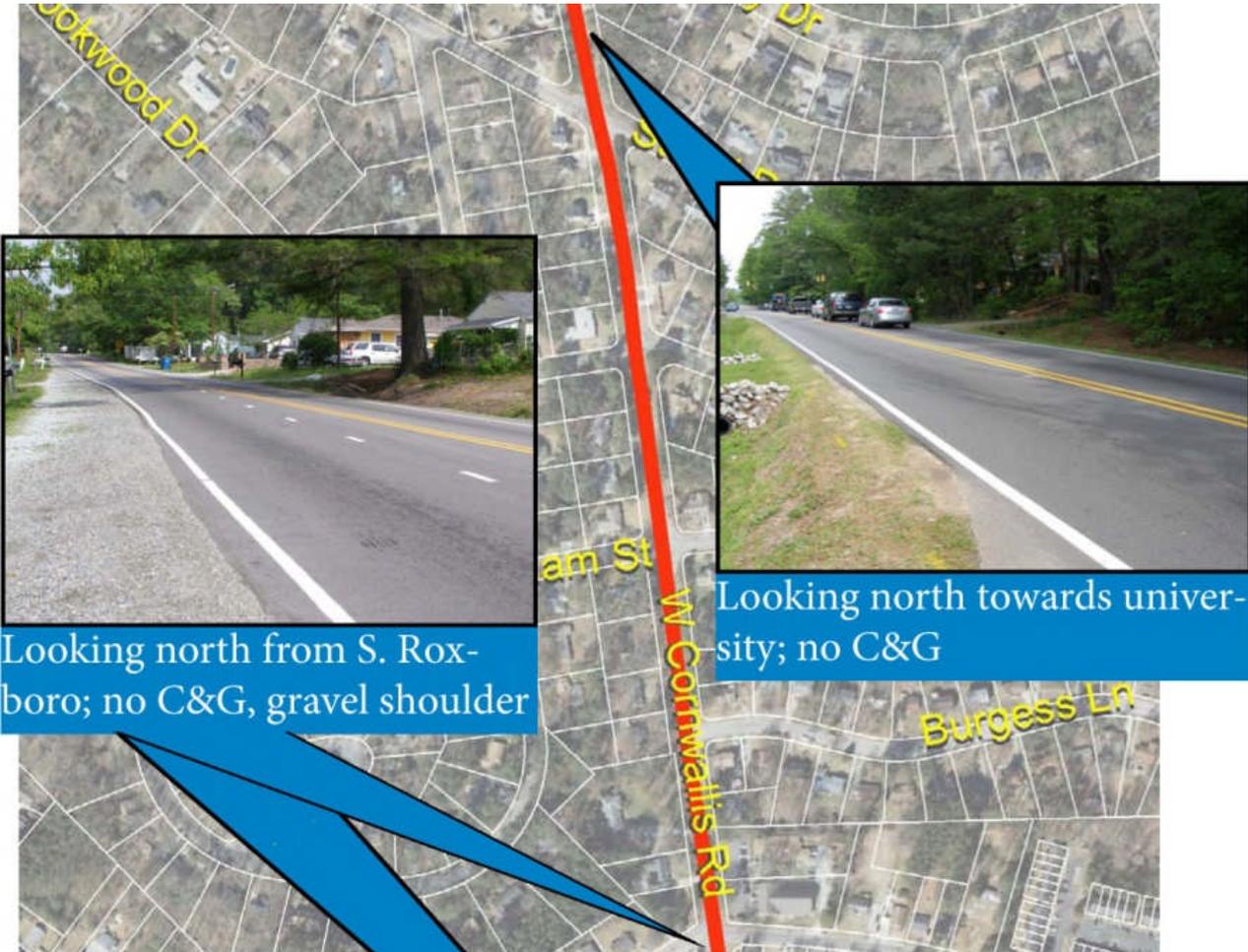


Project 3 - Cornwallis Road from S. Roxboro Street to Chapel Hill Road

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov



Looking north from S. Roxboro; no C&G, gravel shoulder

Looking north towards university; no C&G



Project 3 - Cornwallis Road from S. Roxboro Street to Chapel Hill Road

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov

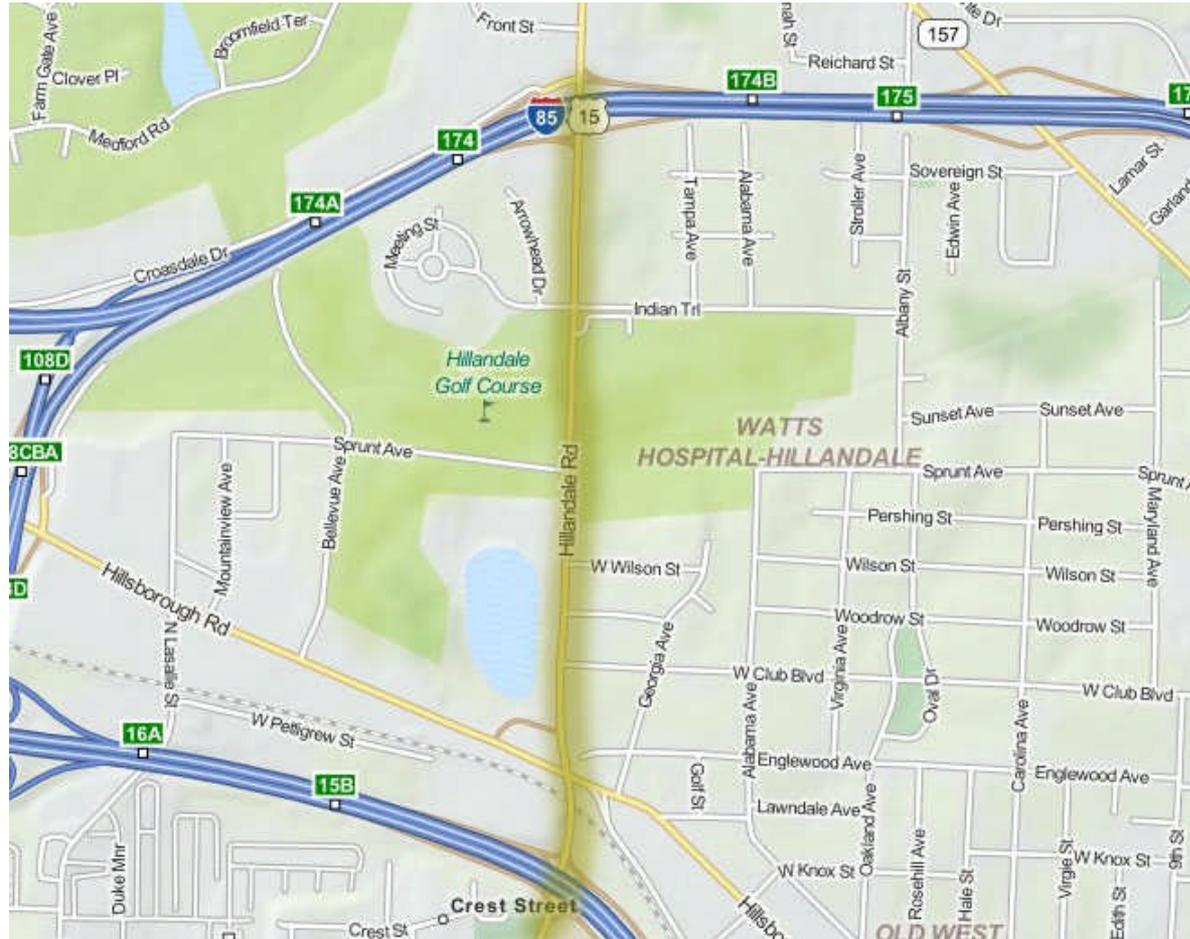


Looking south at Cornwallis & Chapel Hill Road

Looking south; existing C&G, sidewalk; near a school



Project 4 - Hillandale Road from I-85 to NC-147



Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov



Project 4 - Hillandale Road from I-85 to NC-147

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov



Hillandale at I-85 Interchange

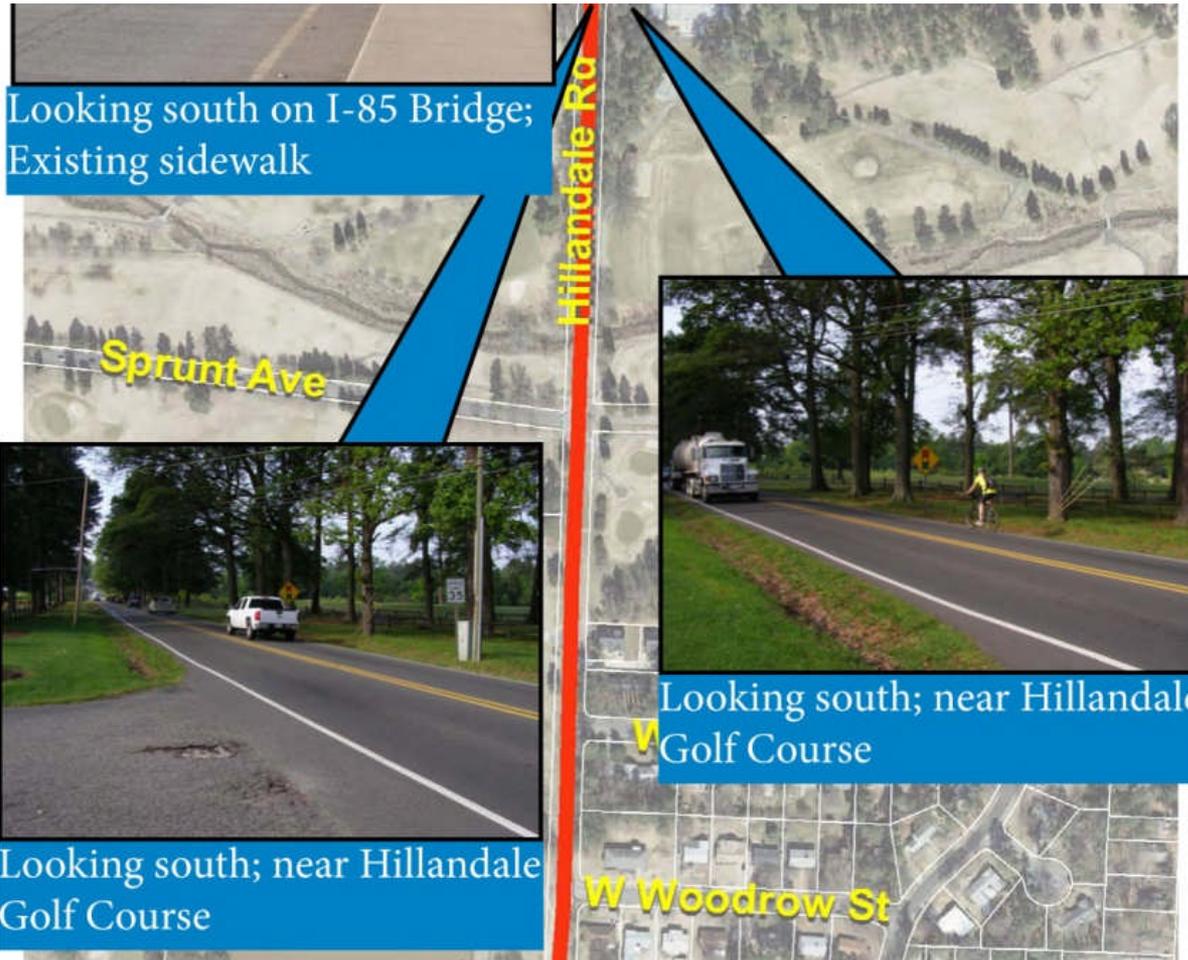


Looking south; South of I-85 Bridge





Project 4 - Hillandale Road from I-85 to NC-147



Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov



Project 4 - Hillandale Road from I-85 to NC-147



Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov

Looking south towards NC-147



Petition Sidewalks

- August 9 – Grandale Drive Petition Sidewalk Request
- Concerns were raised by Council about how the sidewalk petition process works in conjunction with the Durham Walks! Pedestrian Plan and what the priorities for future sidewalk construction should be, as funding is extremely limited.
- The item was referred back to the Administration and direction was given to bring the item back to Council with additional information pertaining to sidewalks. This item will be brought back to the November 20, 2012 Work Session.

Public Works Department

101 CITY HALL PLAZA
DURHAM, NC 27701
P 919.560.4123
F 919.560.4483

michael.hughes@durhamnc.gov