# Priority Pedestrian Improvement and Sidewalk Projects Update

Public Works Committee Meeting

August 9, 2022



# The List!

• High Risk Locations

High Demand

• Public Request

Public Works Committee Proposed Priority Intersection Improvements

ID	Street 1	Street 2	Improvement Type	Ward
1	25th Street	Glenn Avenue	Pedestrian Signals and Crosswalks	NE
2	Clemmonsville Road	Main Street	Pedestrian Signals and Crosswalks	S/SE
3	Clemmonsville Road	Ebert Road	Pedestrian Signals and Crosswalks	5
4	Healy Drive New Walkertown Road	Stratford Road Jackson Street	Sidewalk and/or Transit Improvements Pedestrian Signals and Crosswalks	SW
6	New Walkertown Road	Dellabrook Drive	Pedestrian Signals and Crosswalks	F
7	Old Lexington Road	Waughtown Street	Pedestrian Signals and Crosswalks	E/SE
8	Silas Creek Parkway	Hawthorne Road	Pedestrian Signals and Crosswalks	sw
9	3rd Street	Patterson Avenue	Pedestrian Signals and Crosswalks	E
10	Bethesda Road	Hawthorne Road	Pedestrian Signals and Crosswalks	SW
11	Buena Vista	Reynolda Road Plymouth Avenue	Curb Adjustments Uncontrolled Intersection Crossing	NW W
13	Country Club Road Hutton Street	Montgomery Street	Intersection Redesign	S
14	Reynolda Road	Graylyn/Reynolda Village Driveway	Pedestrian Crossing Improvements	W/NW
15	Reynolda Road	Northwest Boulevard	Pedestrian Signals and Crosswalks	NW
16	University Parkway	Long Drive	Pedestrian Signals and Crosswalks	N
17	Reynolda Road	Robinhood Road	Curb Adjustments	NW
18	4th Street	West End Boulevard	Uncontrolled Intersection Crossing	NW
19 20	Broad Street Miller Street	Salem Avenue Silas Creek Parkway	Traffic/Ped Signals and Crosswalks Pedestrian Signals and Crosswalks	SW
21	Melrose Street	Hawthorne Road	Uncontrolled Intersection Crossing	SW
22	Academy Street	Hawthorne Road	Pedestrian Signals and Crosswalks	SW
23	12th Street	Cleveland Avenue	Pedestrian Signals and Crosswalks	E
24	14th Street	Cleveland Avenue	Pedestrian Signals and Crosswalks	E/NE
25	1st Street	Business 40 Ramp	Pedestrian Signals and Crosswalks	NW
26	1st Street	Marshall Street	Pedestrian Signals and Crosswalks	NW
27	1st Street 1st Street	Northwest Boulevard Liberty Street	Pedestrian Signals and Crosswalks Pedestrian Signals and Crosswalks	S
29	21st Street	Cleveland Avenue	Pedestrian Signals and Crosswalks	NE.
30	25th Street	Patterson Avenue	Pedestrian Signals and Crosswalks	N/NE
31	2nd Street	Spruce Street	Pedestrian Signals and Crosswalks	NW
32	30th Street	Patterson Avenue	Pedestrian Signals and Crosswalks	N/NE
33	30th Street	Glenn Avenue	Pedestrian Signals and Crosswalks	NE
34	3rd Street	Martin Luther King, Jr. Drive	Pedestrian Signals and Crosswalks	E
35 36	5th Street 5th Street	Cameron Avenue Summit Street	Pedestrian Signals and Crosswalks Pedestrian Signals and Crosswalks	E NW
37	Academy Street	Broad Street	Pedestrian Signals and Crosswalks	S
38	Academy Street	Old Salem Road	Pedestrian Signals and Crosswalks	S
39	Akron Drive	Ogburn Avenue	Pedestrian Signals and Crosswalks	NE
40	Akron Drive	US 52 Ramp	Pedestrian Signals and Crosswalks	NE
41	Big House Gaines Drive	New Walkertown Road	Pedestrian Crossing Improvements	E
42	Broad Street	Northwest Boulevard / Thurman Stree	Pedestrian Signals and Crosswalks	N/NW
43	Broad Street Brookstown Avenue	Wachovia Street Burke Street	Pedestrian Signals and Crosswalks Pedestrian Signals and Crosswalks	NW
45	Buchanan Street	Silas Creek Parkway	Pedestrian Signals and Crosswalks	S
46	Business 40	Main Street	Uncontrolled Intersection Crossing	S
47	Clemmonsville Road	Konnoak Drive	Pedestrian Signals and Crosswalks	S/SE
48	Clemmonsville Road	Sprague Street	Pedestrian Signals and Crosswalks	SE
49	Clemmonsville Road	US 52 Ramps	Pedestrian Signals and Crosswalks	SE
50 51	Cloverdale Avenue Cloverdale Avenue	Medical Center Boulevard Miller Street	Pedestrian Signals and Crosswalks Pedestrian Signals and Crosswalks	SW
52	Dartmouth Road	Whitaker ES Driveway	Uncontrolled Intersection Crossing	w
53	Forsyth Hospital Driveway	Silas Creek Parkway	Pedestrian Signals and Crosswalks	SW
54	Hawthorne Road	Queen Street	Pedestrian Signals and Crosswalks	SW
55	Hawthorne Road	Parking Deck Crosswalk	Pedestrian Signals and Crosswalks	SW
56	Hawthorne Road	Eden Terrace Street	Uncontrolled Intersection Crossing	SW
57 58	Highland Avenue Indiana Avenue	Carl Russell Avenue Deshler Street	Pedestrian Signals and Crosswalks Uncontrolled Intersection Crossing	E N
58	Indiana Avenue Ivy Avenue	Northwest Boulevard	Pedestrian Signals and Crosswalks	E/NE
60	Kirklees Road	Currier Court	Uncontrolled Intersection Crossing	W
61	Knollwood Street	Thruway Driveway	Pedestrian Signals and Crosswalks	SW
62	Liberty Street/Main Street	Martin Luther King, Jr. Drive	Pedestrian Signals and Crosswalks	Ε
63	Martin Luther King, Jr. Drive	Waughtown Street	Pedestrian Signals and Crosswalks	SE
64	Medical Center Boulevard	Driveway	Uncontrolled Intersection Crossing	SW
65 66	Miller Street Miller Street	Publix Driveway	Pedestrian Signals and Crosswalks	W/NW SW
66	Motor Road	Queen Street Old Rural Hall Road	Pedestrian Signals and Crosswalks Pedestrian Signals and Crosswalks	NE NE
68	Murray Road	Shattalon Drive	Pedestrian Signals and Crosswalks	N
69	Old Lexington Road	Sprague Street	Pedestrian Signals and Crosswalks	SE
70	Old Town Drive	Reynolda Road	Pedestrian Signals and Crosswalks	NW
71	Patterson Avenue	Glenn Avenue	Pedestrian Signals and Crosswalks	NE
72	Peters Creek Parkway	Brewer Road	Pedestrian Signals and Crosswalks	S

May 21, 2019

# The Projects!

Priority	Pedestrian	Safety Pro	iects (20	19 LOBS)

Priority #	Project Name	Ward	Status
1	Hutton/Montgomery Safety Improvements	S	COMPLETE
2	London Lane Raised Table	S	COMPLETE
3	Jonestown Rd Lane Shift Markings	SW	COMPLETE
4	Broad/Salem Traffic Signal	S	COMPLETE
5	Sprague/Glendale Traffic Signal	S	COMPLETE
6	3rd Street and Patterson-Pedestrian Improvements	E	COMPLETE
7	Cleveland Ave Bicycle shared Lane Markings/Signs	E/NW	COMPLETE
8	5th Street/Old Greensboro Bike Lane Markings/Signs	E/NE	COMPLETE
9	Liberty Street Bicycle Shared Lane Markings	E/NE	COMPLETE
10	4th Street Safety Islands	NW	COMPLETE
11	4th Street Safety Islands-markings	NW	COMPLETE
12	Miller St/Silas Creek Pkwy Ped Sig and Crosswalks	SW	COMPLETE
13	Academy Street Bicylce Lanes/Signs	S/SW	COMPLETE
14	Trade Street Bicycle Lane Markings/Signs	N/NE/E	COMPLETE
15	Melrose St/Hawthorne Rd Uncontrolled Intersection Crossing	SW	COMPLETE
16	Stratford Rd Bicycle shared lane markings/signs	NW/W	COMPLETE
17	Old Lexington Rd/Waughtown St Ped Sig and Crosswalks	E/SE	COMPLETE
18	Buena Vista/Reynolda Rd Curb Adjustments	NW	COMPLETE
19	25th St/Glenn Ave Ped Sig and Crosswalks	NE	COMPLETE
20	Clemmonsville Rd/Main St Ped Sig and Crosswalks	S/SE	COMPLETE
21	Reynolda Rd/Northwest Blvd Ped Sig and Crosswalk	NW	COMPLETE
22	Northwest Blvd/14th Bike lane Markings	NW/N/NE/E	COMPLETE
23	Hawthorne Rd Bike Lane markings/Signs	SW	COMPLETE
24	Clemmonsville Rd/Ebert Rd Ped Sig and Crosswalks/Sidewalks	S	Design Complete-Coordinating Improvemetrs with Proposed Development
25	New Walkertown Rd/Jackson St Ped Sig and Crosswalks	E	Design Complete-Work Order Issued to On-Call Contractor
26	New Walkertown Rd/Dellabrook Dr Ped Sig and Crosswalks	E	Design Complete-Work Order Issued to On-Call Contractor
27	Silas Creek Pkwy/Hawthorne Rd Ped Sig and Crosswalks/Sidewalks	SW	Design Complete
28	University Pkwy/Long Dr Ped Sig and Crosswalk	N	Design Complete
29	Bethesda Rd/Hawthorne Rd Ped Sig and Crosswalks	SW	Design Complete
30	Academy St/Hawthorne Rd Ped Sig and Crosswalks	SW	Design Complete
31	Reynolda Rd/Robinhood Rd Curb Adjustments	NW	To be Done by On-Call Concrete Contractor
32	Healy Dr/Stratford Rd Sidewalk and/or Transit Improvements	SW	To be Done by On-Call Concrete Contractor
33	Country Club Rd/Plymouth Ave Uncontrolled Intersection Crossing	W	To be done by On-Call Contractor-Need Design
N/A	WFIQ Safety Improvements (6th street/Patterson Ave)	E	To be done with On-Call Contractors -Coordinate with WFIQ

# The Comparison!

**Public Works Committee** 

#### <u>Proposed Priority Intersection Improvements</u>

May 21, 2019

L	ID	Street 1	Street 2	Improvement Type	Ward
	1	25th Street	Glenn Avenue	Pedestrian Signals and Crosswalks	NE
	2	Clemmonsville Road	Main Street	Pedestrian Signals and Crosswalks	S/SE
	3	Clemmonsville Road	Ebert Road	Pedestrian Signals and Crosswalks	S
•[	4	Healy Drive	Stratford Road	Sidewalk and/or Transit Improvements	SW
	5	New Walkertown Road	Jackson Street	Pedestrian Signals and Crosswalks	E
	6	New Walkertown Road	Dellabrook Drive	Pedestrian Signals and Crosswalks	E
	7	Old Lexington Road	Waughtown Street	Pedestrian Signals and Crosswalks	E/SE
	8	Silas Creek Parkway	Hawthorne Road	Pedestrian Signals and Crosswalks	SW
	9	3rd Street	Patterson Avenue	Pedestrian Signals and Crosswalks	E
	10	Bethesda Road	Hawthorne Road	Pedestrian Signals and Crosswalks	SW
	11	Buena Vista	Reynolda Road	Curb Adjustments	NW
	12	Country Club Road	Plymouth Avenue	Uncontrolled Intersection Crossing	W
•[	13	Hutton Street	Montgomery Street	Intersection Redesign	S
	14	Reynolda Road	Graylyn/Reynolda Village Driveway	Pedestrian Crossing Improvements	W/NW
	15	Reynolda Road	Northwest Boulevard	Pedestrian Signals and Crosswalks	NW
•[	16	University Parkway	Long Drive	Pedestrian Signals and Crosswalks	N
	17	Reynolda Road	Robinhood Road	Curb Adjustments	NW
	18	4th Street	West End Boulevard	Uncontrolled Intersection Crossing	NW
	19	Broad Street	Salem Avenue	Traffic/Ped Signals and Crosswalks	S
	20	Miller Street	Silas Creek Parkway	Pedestrian Signals and Crosswalks	SW
ſ	21	Melrose Street	Hawthorne Road	Uncontrolled Intersection Crossing	SW
ſ	22	Academy Street	Hawthorne Road	Pedestrian Signals and Crosswalks	SW

	Project Name		
$\rightarrow$	Hutton/Montgomery Safety Improvements		
	London Lane Raised Table		
	Jonestown Rd Lane Shift Markings		
	Broad/Salem Traffic Signal		
	Sprague/Glendale Traffic Signal		
	3rd Street and Patterson-Pedestrian Improvements		
	Cleveland Ave Bicycle shared Lane Markings/Signs		
	5th Street/Old Greensboro Bike Lane Markings/Signs		
1	Liberty Street Bicycle Shared Lane Markings		
2)	4th Street Safety Islands		
	4th Street Safety Islands-markings		
	Miller St/Silas Creek Pkwy Ped Sig and Crosswalks		
	Academy Street Bicylce Lanes/Signs		
2	Trade Street Bicycle Lane Markings/Signs		
	Melrose St/Hawthorne Rd Uncontrolled Intersection Crossing		
	Stratford Rd Bicycle shared lane markings/signs		
	Buena Vista/Reynolda Rd Curb Adjustments		
	25th St/Glenn Ave Ped Sig and Crosswalks		
<u>1</u>	Clemmonsville Rd/Main St Ped Sig and Crosswalks		
<u>.</u>	Reynolda Rd/Northwest Blvd Ped Sig and Crosswalk		
	Old Lexington Rd/Waughtown St Ped Sig and Crosswalks		
<u> </u>	Clemmonsville Rd/Ebert Rd Ped Sig and Crosswalks/Sidewalks		
1	New Walkertown Rd/Jackson St Ped Sig and Crosswalks		
1	New Walkertown Rd/Dellabrook Dr Ped Sig and Crosswalks		
, <u>U</u>	Silas Creek Pkwy/Hawthorne Rd Ped Sig and Crosswalks/Sidewalks		
	University Pkwy/Long Dr Ped Sig and Crosswalk		
<u> </u>	Bethesda Rd/Hawthorne Rd Ped Sig and Crosswalks		
Щ	Northwest Blvd/14th Bike lane Markings		
1	Hawthorne Rd Bike Lane markings/Signs		
1	Academy St/Hawthorne Rd Ped Sig and Crosswalks		
<u>U</u>	Reynolda Rd/Robinhood Rd Curb Adjustments		
<b>√</b> ∐	Healy Dr/Stratford Rd Sidewalk and/or Transit Improvements		
1	Country Club Rd/Plymouth Ave Uncontrolled Intersection Crossing		

# The Money!

- 2019 LOBS
- \$2,000,000

#### iority Pedestrian Safety Projects (2019 LOBS)

	Thority redestrial safety riojects	(2013 LODS)	
Priority #	Project Name	Actual Expenditures	
1	Hutton/Montgomery Safety Improvements	\$ 30,104.9	
2	London Lane Raised Table	\$ 32,311.0	
3	Jonestown Rd Lane Shift Markings	\$ 10,274.45	
4	Broad/Salem Traffic Signal	\$	76,553.33
5	Sprague/Glendale Traffic Signal	\$	61,141.50
		Design	Const.
6	3rd Street and Patterson-Pedestrian Improvements	\$ -	\$ 57,063.63
7	Cleveland Ave Bicycle shared Lane Markings/Signs	\$ -	\$ 38,740.00
8	5th Street/Old Greensboro Bike Lane Markings/Signs	\$ -	\$ 74,088.00
9	Liberty Street Bicycle Shared Lane Markings	\$ -	\$ 12,000.00
10	4th Street Safety Islands	\$ -	\$ 47,194.77
11	4th Street Safety Islands-markings	\$ -	\$ 5,160.00
12	Miller St/Silas Creek Pkwy Ped Sig and Crosswalks	\$ -	\$ 32,424.41
13	Academy Street Bicylce Lanes/Signs	\$ -	\$ 40,618.80
14	Trade Street Bicycle Lane Markings/Signs	\$ -	\$ 23,100.00
15	Melrose St/Hawthorne Rd Uncontrolled Intersection Crossing	\$ -	\$ 18,789.50
16	Stratford Rd Bicycle shared lane markings/signs	\$ -	\$ 22,200.00
17	Old Lexington Rd/Waughtown St Ped Sig and Crosswalks	\$ 10,972.45	\$ 79,983.44
18	Buena Vista/Reynolda Rd Curb Adjustments	\$ -	\$ 42,487.00
19	25th St/Glenn Ave Ped Sig and Crosswalks	\$ 10,972.45	\$ 52,447.67
20	Clemmonsville Rd/Main St Ped Sig and Crosswalks	\$ 10,972.45	\$ 45,967.57
21	Reynolda Rd/Northwest Blvd Ped Sig and Crosswalk	\$ 10,972.45	\$ 105,757.39
22	Northwest Blvd/14th Bike lane Markings	\$ -	\$ 26,149.98
23	Hawthorne Rd Bike Lane markings/Signs	\$ -	\$ 18,841.08
24	Clemmonsville Rd/Ebert Rd Ped Sig and Crosswalks/Sidewalks	\$ 10,972.45	\$ -
25	New Walkertown Rd/Jackson St Ped Sig and Crosswalks	\$ 10,972.45	\$ -
26	New Walkertown Rd/Dellabrook Dr Ped Sig and Crosswalks	\$ 10,972.45	\$ -
27	Silas Creek Pkwy/Hawthorne Rd Ped Sig and Crosswalks/Sidewalks	\$ 10,972.45	\$
28	University Pkwy/Long Dr Ped Sig and Crosswalk	\$ 10,972.45	\$ -
29	Bethesda Rd/Hawthorne Rd Ped Sig and Crosswalks	\$ 10,972.45	\$ -
30	Academy St/Hawthorne Rd Ped Sig and Crosswalks	\$ -	\$ -
31	Reynolda Rd/Robinhood Rd Curb Adjustments	\$ -	\$ -
32	Healy Dr/Stratford Rd Sidewalk and/or Transit Improvements		\$
33	Country Club Rd/Plymouth Ave Uncontrolled Intersection Crossing	ė.	\$
N/A	WFIQ Safety Improvements (6th street/Patterson Ave)		\$ -
	Allistair Road and Peace Haven Traffic Signal	\$ 19,389.73	\$ 173,229.54
N/A	Allistair road traffic study	\$ 100,000.00	
	y	Actual Expenditures	
(d		\$ 1,309,903.31	
		2019 LOB allocation	\$ 2,000,000.00
		Balance	\$ 690,096.69

## The Process!

1.	. Develop Master ListCom	plete
2.	. Council ApprovalCom	plete
3.	. Hire On-Call ContractorsCom	plete
4.	. Cost EstimationCom	plete
5.	. Budget AllocationCom	plete
6.	. Prioritize ProjectsCom	plete
7.	. DesignIn H	Progress
8.	. ConstructIn F	rogress

Develop Council Master List Approval Hire On-Cal Contractors

Cost Estimation Budget Allocation

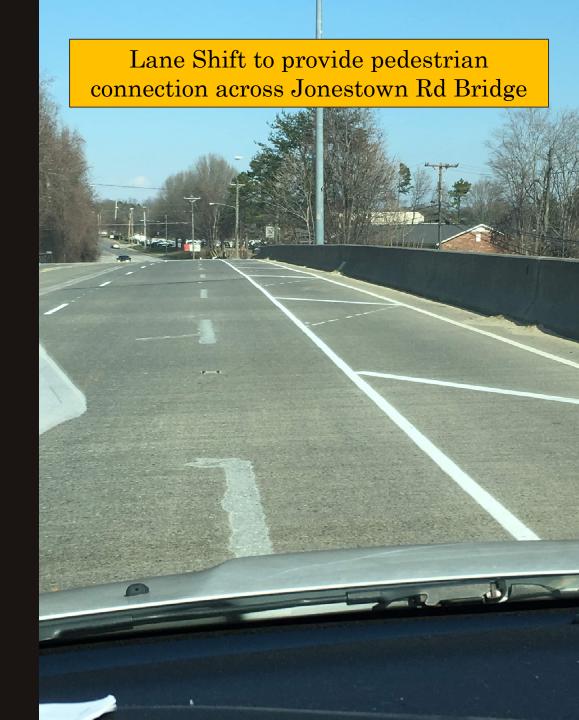
Prioritize Projects

Design

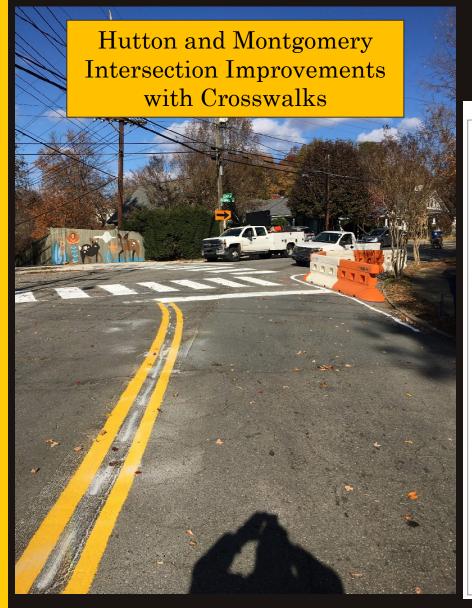
Construct

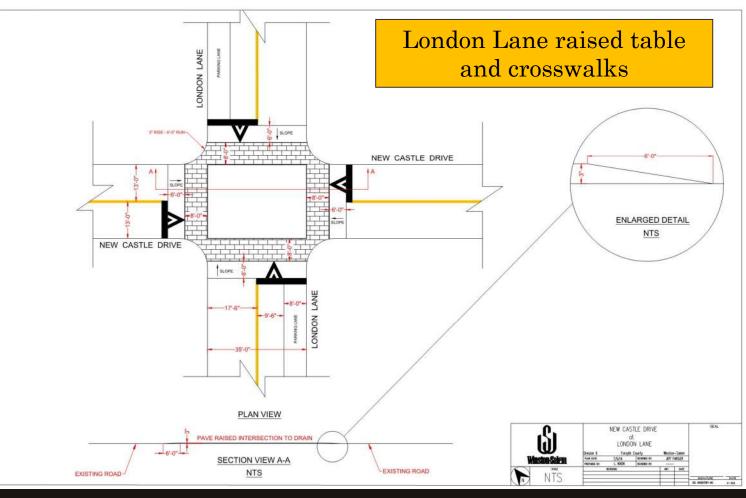
The Results!





### The Results Cont'd!

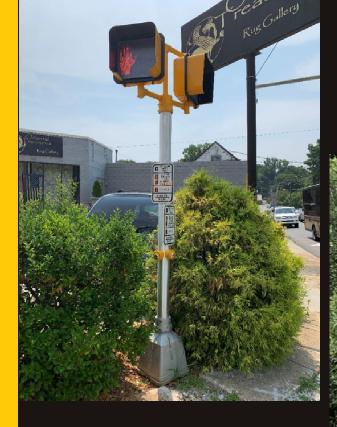








Hawthorne and Melrose Pedestrian Crosswalk







Pedestrian signal upgrades







Bike Lane Project Markings



# Sidewalk Projects

Fairlawn Dr Sidewalk Project

Barbara Jane Ave Sidewalk Project

Silas Creek Pkwy Sidewalk Project

University Pkwy Sidewalk Project

Robinhood Rd Sidewalk Project

Griffith Rd Sidewalk Project

Polo Rd Sidewalk/Pedestrian Improvement Project



### Fairlawn Dr

Project Limits: Reynolda Rd to Silas Creek Pkwy

Estimated Cost: <u>\$1,086,800</u>

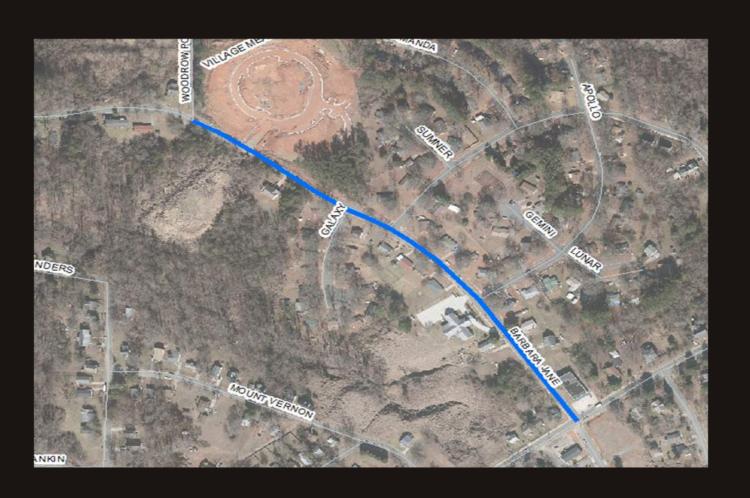




### Barbara Jane Ave

Project Limits: Woodrow Powell Dr to Old Greensboro Rd

Allocated Funds: \$606,000





### Silas Creek Pkwy

Project Limits: <u>Drumcliffe Road to Lockland Avenue</u>

Estimated Cost: \$3,210,000







### University Pkwy

Project Limits: <u>Shattalon Drive to</u> <u>Robin Wood Lane</u>

Estimated Cost: \$731,000

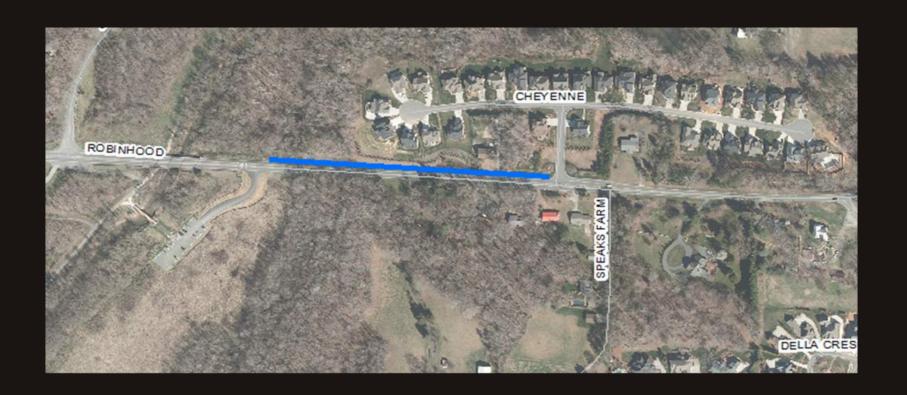
Current Design Status: <u>65% Design-</u> <u>Utility Coordination</u>



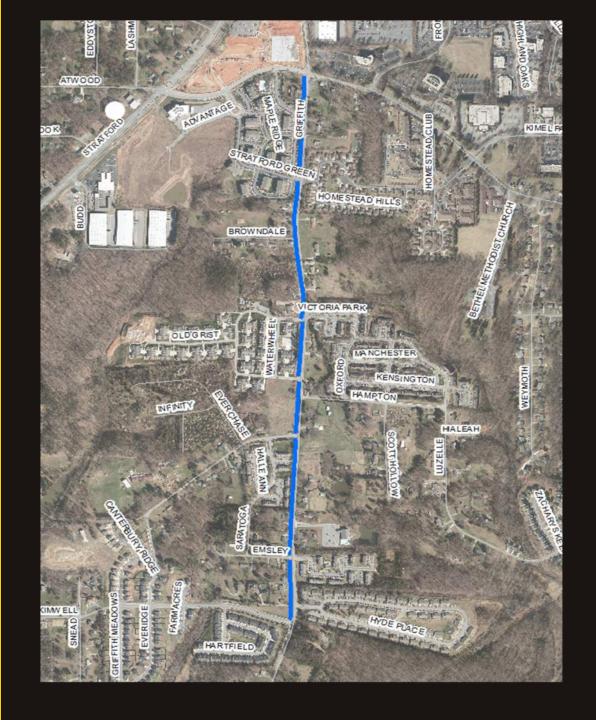
### Robinhood Rd

Project Limits: Speaks Farm Rd to Muddy Creek Greenway Access

Allocated Funds: \$606,000







### Griffith Rd

Project Limits: <u>E. Kimwell Dr to</u> <u>Burke Mill Rd</u>

Estimated Cost: \$1,888,000

Current Design Status: <u>Right Of</u> <u>Way Phase</u>

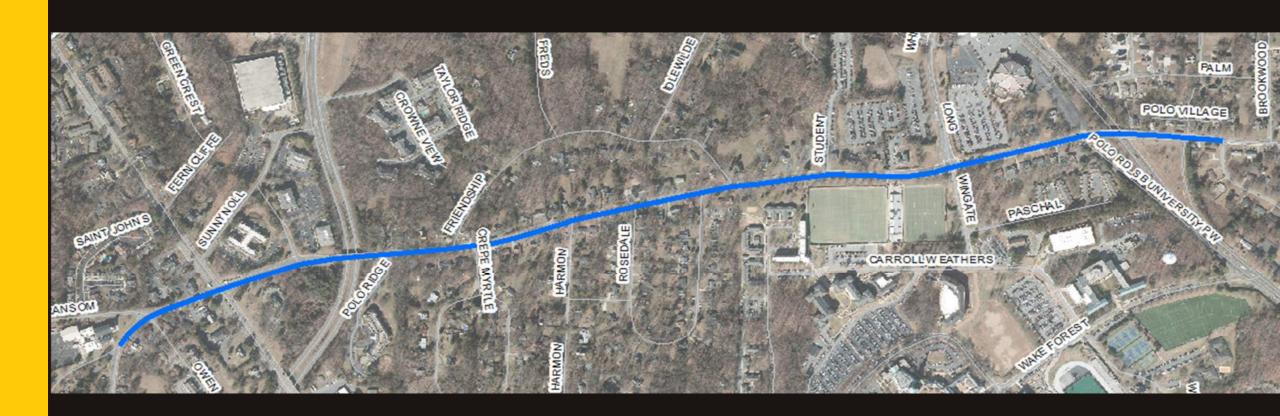


### Polo Rd

Project Limits: Wake Drive to Brookwood Dr (Phase 2)

2018 Bond Funded-estimate: \$3,670,000

Current Design Status: Finalizing ROW Plans to enter ROW Phase



# The Questions!

