

# City of Griffin, GA

## North Hill Street - Intersection Two (Option 2 - Roundabout)

Revised: September 17, 2013

### Opinion of Probable Construction Costs

<u>LINE ITEM</u>	<u>QTY.</u>	<u>UNITS</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
Traffic Control and Detour	1	L.S.	\$20,000.00	\$20,000.00
Demolition	1	L.S.	\$100,000.00	\$100,000.00
Clearing/Grading/Earthwork	1	L.S.	\$50,000.00	\$50,000.00
12" Graded Aggregate Base	3,000	S.Y.	\$24.00	\$72,000.00
3" - 25 mm Superpave Base Course	2,550	S.Y.	\$21.00	\$53,550.00
2" -12.5 mm SuperPave Course	2,550	S.Y.	\$18.00	\$45,900.00
1.25" -12.5 mm SuperPave Surface Course	3,750	S.Y.	\$16.00	\$60,000.00
24" Concrete Curb and Gutter	1,600	L.F.	\$18.00	\$28,800.00
2.25" Milling of Asphaltic Concrete	1,200	L.F.	\$3.50	\$4,200.00
1" Asphaltic Conc. PermaFlex	1,200	L.F.	\$12.00	\$14,400.00
4" x 5' Concrete Sidewalks	800	S.Y.	\$30.00	\$24,000.00
Handicap Ramps w/ Detector Brick	20	EA.	\$750.00	\$15,000.00
Concrete Driveway Turnouts	6	EA.	\$1,000.00	\$6,000.00
Brick Paver & Cross-Walks	4105	S.F.	\$8.00	\$32,840.00
Landscaping of Roundabout	1	L.S.	\$35,000.00	\$35,000.00
12" Concrete Ribbon Curb	235	L.F.	\$12.00	\$2,820.00
6" Concrete Ribbon Curb	280	L.F.	\$10.00	\$2,800.00
6" Concrete Median	85	S.Y.	\$30.00	\$2,550.00

Storm Drainage Catch Basin	4	EA.	\$2,500.00	\$10,000.00
15" RCP Storm Sewer Pipe	90	L.F.	\$35.00	\$3,150.00
18" RCP Storm Sewer Pipe	500	L.F.	\$45.00	\$22,500.00
18" RCP Safety End Sections	2	EA.	\$400.00	\$800.00
*Water System Replacement	600	L.F.	\$50.00	\$30,000.00
*Power/Telephone/Cable Replace	1	L.S.	\$40,000.00	\$40,000.00
5" Wide Double Yellow Center Line	900	L.F.	\$1.75	\$1,575.00
5" Wide White Edge Striping	3600	L.F.	\$0.75	\$2,700.00
Directional Arrows and Guides	8	EA.	\$250.00	\$2,000.00
Class "C" Silt Fencing	2300	L.F.	\$4.00	\$9,200.00
Temporary Grassing	1	AC.	\$1,500.00	\$1,500.00
Permanent Grassing	1	AC.	\$3,000.00	\$3,000.00
Storm Water Monitoring	1	L.S.	\$2,500.00	\$2,500.00
Road Signage	8	EA.	\$500.00	\$4,000.00

<b>TOTAL ESTIMATED COST</b>	<b>\$702,785.00</b>
14% Contingencies	\$98,389.90

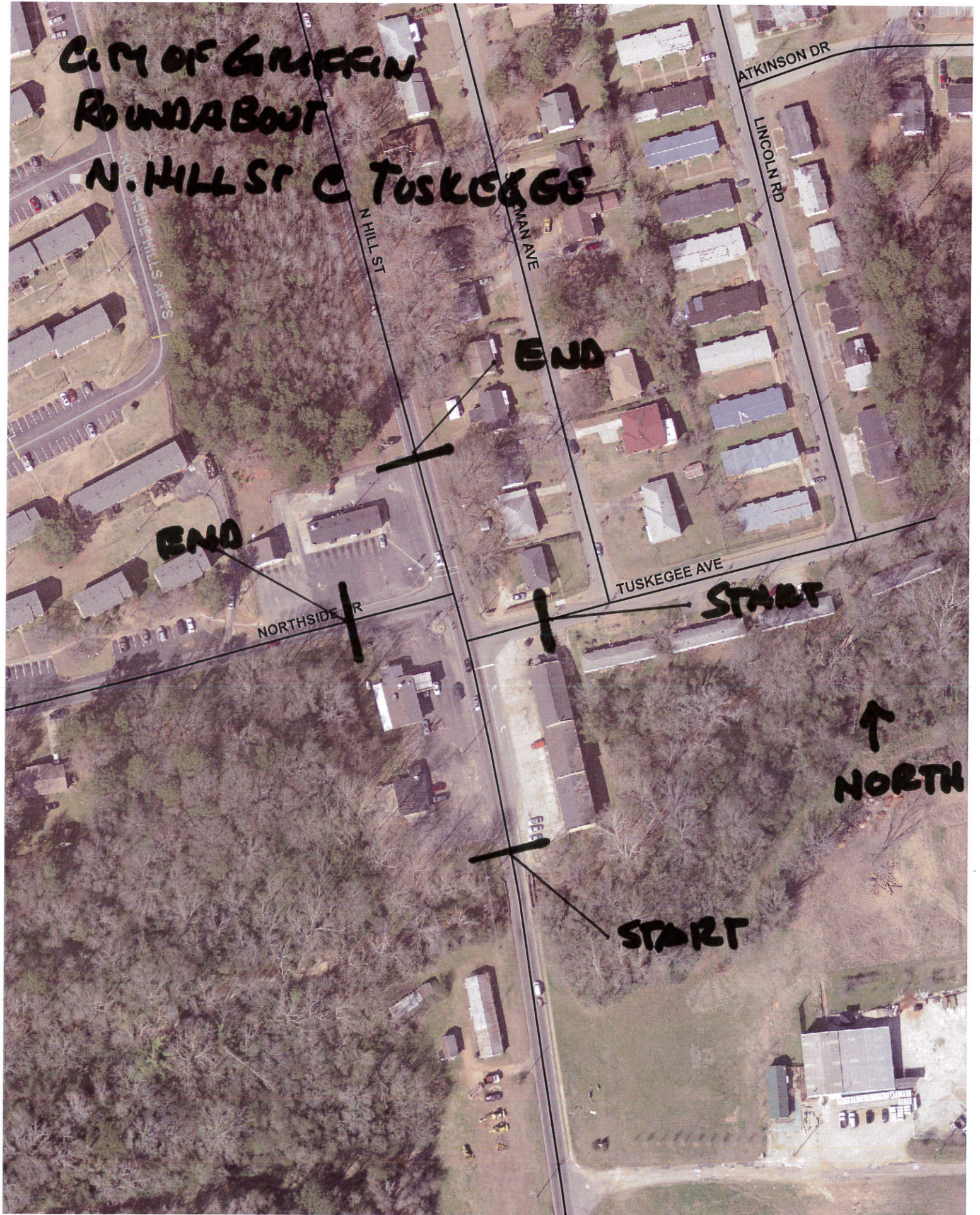
<b>TOTAL ESTIMATED CONSTRUCTION COSTS</b>	<b>\$801,174.90</b>
16% SURVEYING/ENGINEERING DESIGN/CONSTRUCTION ADMIN.COSTS	\$128,187.98
RIGHT-OF-WAY ACQUISITION (Estimate based upon Tax Value)	\$500,000.00

<b>TOTAL ESTIMATED PROJECT COSTS</b>	<b>\$1,429,362.88</b>
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**\*Note: Utilities are estimated for full replacement of service lines to meet utility standards for right-of-way alignment and depth of cover. Replace along Northside Dr. through the intersection.**



**CITY OF GRIFFIN  
ROUNDABOUT  
N. HILL ST @ TUSKEGEE**







## Griffin Comprehensive Transportation Plan

Transportation Demand Management strategies are offered as potential low-cost alternatives. They provide opportunities to take full advantage of the existing transportation system while reducing demand for significant, long-term, and costly roadway infrastructure improvements. Aggressive implementation of carpooling, vanpooling, bicycle/pedestrian improvements, and park and ride lots, as well as telecommuting and compressed work weeks, will satisfy some demand, reducing the need for high-cost roadway improvements.

**Table 5.1 – Capital Improvement Program**

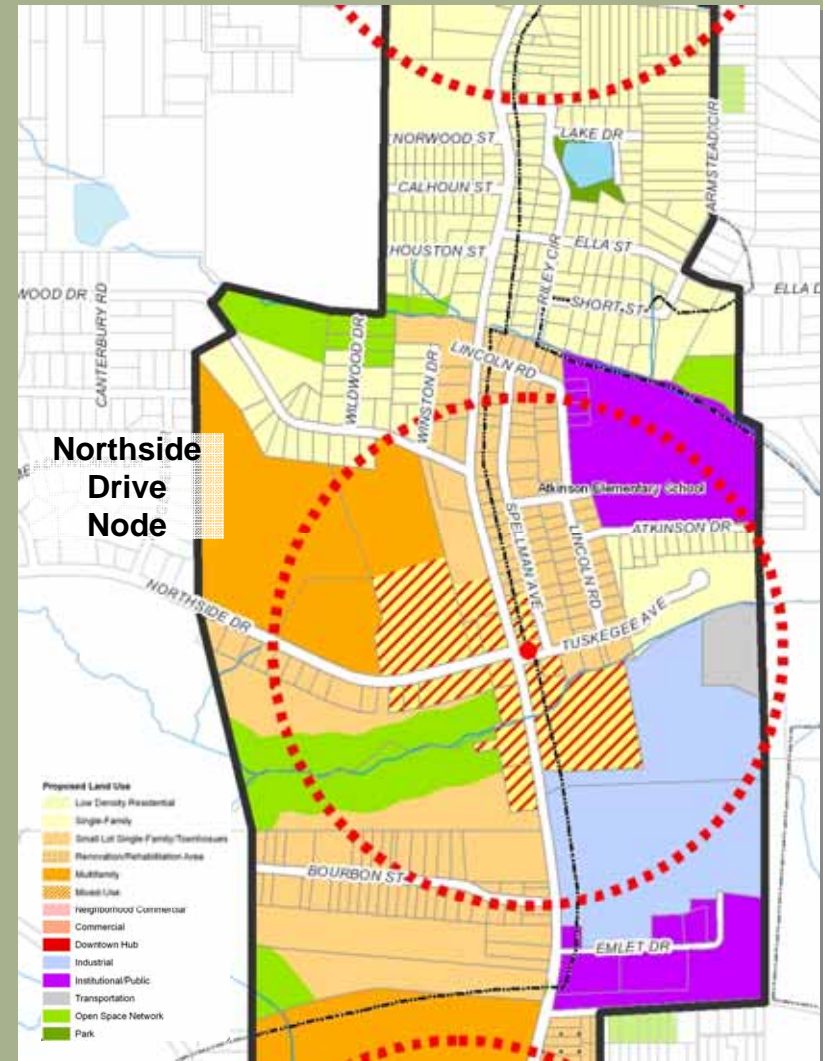
Short-term Projects	Estimated Costs	Local Funding	Funding Source
<b>Traffic Signal Upgrades for Miscellaneous Improvements</b> Three intersections (Construction)	\$450,000	\$45,000	STP-Urban, STP Statewide Flexible
<b>Minor Intersection Improvements</b> College at Collins Experiment at School	\$10,000 \$15,000	\$10,000 \$15,000	Local/private Local/private
<b>Major Intersection Improvements</b> Broadway at Searcy Carver at Poplar Experiment/13th/Ray** Hill at Broadway** Hill at Northside – Hill St Improvements Maddox at Etheridge Mill N Expressway at Ellis  N Expressway at Varsity  Poplar at Hammond SR 16 at Wilson  Solomon/Searcy/Spalding  US 19/41 at Ridgewood	\$125,000 \$125,000 \$545,000 \$230,000 \$550,000 \$550,000 \$86,000  \$190,000  \$1,000,000 \$150,000  \$900,000  \$150,000	\$125,000 \$125,000 \$545,000 \$230,000 \$550,000 \$550,000 \$9,000  \$19,000  \$1,000,000 \$15,000  \$90,000  \$15,000	Local/private Local/private Local/private Local/private Local/private Local/private Federal Aid, STP-Urban, STP Statewide Flexible Federal Aid, STP-Urban, STP Statewide Flexible Local/private Federal Aid, STP-Urban, STP Statewide Flexible Federal Aid, STP-Urban, STP Statewide Flexible GDOT-NHS, Federal Aid, STP-Urban
<b>Feasibility Study for Improvement at US 19/41 and Ellis Rd</b>	\$150,000	\$15,000	GDOT-NHS, Federal Aid, STP-Urban
<b>Feasibility Study for Old Atlanta Road Bridge Replacement and Realignment w/N. Expressway</b>	\$150,000	\$15,000	GDOT-NHS, Federal Aid, STP-Urban
<b>Airport Capital Improvement Program</b>	\$45,280,000	\$4,574,000	FAA/State/Local
<b>Bicycle and Pedestrian Network Plan</b>	\$75,000	\$75,000	Local/private
<b>City Sidewalk Projects</b>	\$1,666,000	\$1,666,000	Local/private
<b>Short-term estimated costs</b>	<b>\$51,722,000</b>	<b>\$9,688,000</b>	

## South Central Sector

- Preserved neighborhoods
- Light industrial/business space
- Green space
- Northside Drive Node

### 25 – Year Land Use Potential

- 200 – 300 new jobs
- 900 – 1,000 new homes
- 100,000 – 150,000 sf new comm./industrial



## North Hill Street Master Plan

Sponsored by the City of Griffin, Spalding County & the Minerva Group

**T S W  
TEAM**

Tunnell-Spangler-Walsh & Associates  
Bleakly Advisory Group  
URS Corporation

## Northside Drive Node

- 56,500 sf commercial
  - Shops
  - Gas station
  - Offices
- 15,000 sf light industrial
- 54 townhouses
- 57 new or renovated single-family homes
- Creek side green space
- Transportation upgrades



### **NORTHSIDE DRIVE CONCEPT**

LCI Supplemental Study  
Redevelopment Plan Study

Sponsored by the City of Griffin, Spalding County and the Minerva Group

**TSW  
TEAM**

Tunnell-Spangler-Walsh & Associates  
Buckley Advisory Group  
URS Corporation  
April 2008