

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE**

FILE P.I. #0010013 **OFFICE** Design Policy & Support
GDOT District 3 - Thomaston
Coweta County **DATE** June 12, 2012
Newnan Crossing Elementary School - SRTS
FROM  Brent Story, State Design Policy Engineer
TO SEE DISTRIBUTION
SUBJECT APPROVED CONCEPT REPORT

Attached is the approved Concept Report for the above subject project.

Attachment

DISTRIBUTION:

Genetha Rice-Singleton, Program Control Administrator
Bobby Hilliard, State Program Delivery Engineer
Cindy VanDyke, State Transportation Planning Administrator
Angela Robinson, Financial Management Administrator
Glenn Bowman, State Environmental Administrator
Kathy Zahul, State Traffic Engineer
Georgene Geary, State Materials & Research Engineer
Lisa Myers, State Project Review Engineer
Jeff Baker, State Utilities Engineer
Ken Thompson, Statewide Location Bureau Chief
David Millen, District Engineer
Bill Rountree, District Preconstruction Engineer
Kerry Gore, District Utilities Engineer
Cynthia Burney, Project Manager
BOARD MEMBER - 3rd Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
PROJECT CONCEPT REPORT

Project Type: Safe Routes to School P.I. Number: 0010013
GDOT District: 3 County: Coweta
Federal Route Number: N/A State Route Number: N/A

Newnan Crossing Elementary
Safe Routes to School Project

Submitted for approval:

John A. Poles PARSONS BRINCKERHOFF DATE: 1/24/12
Consultant Designer & Firm

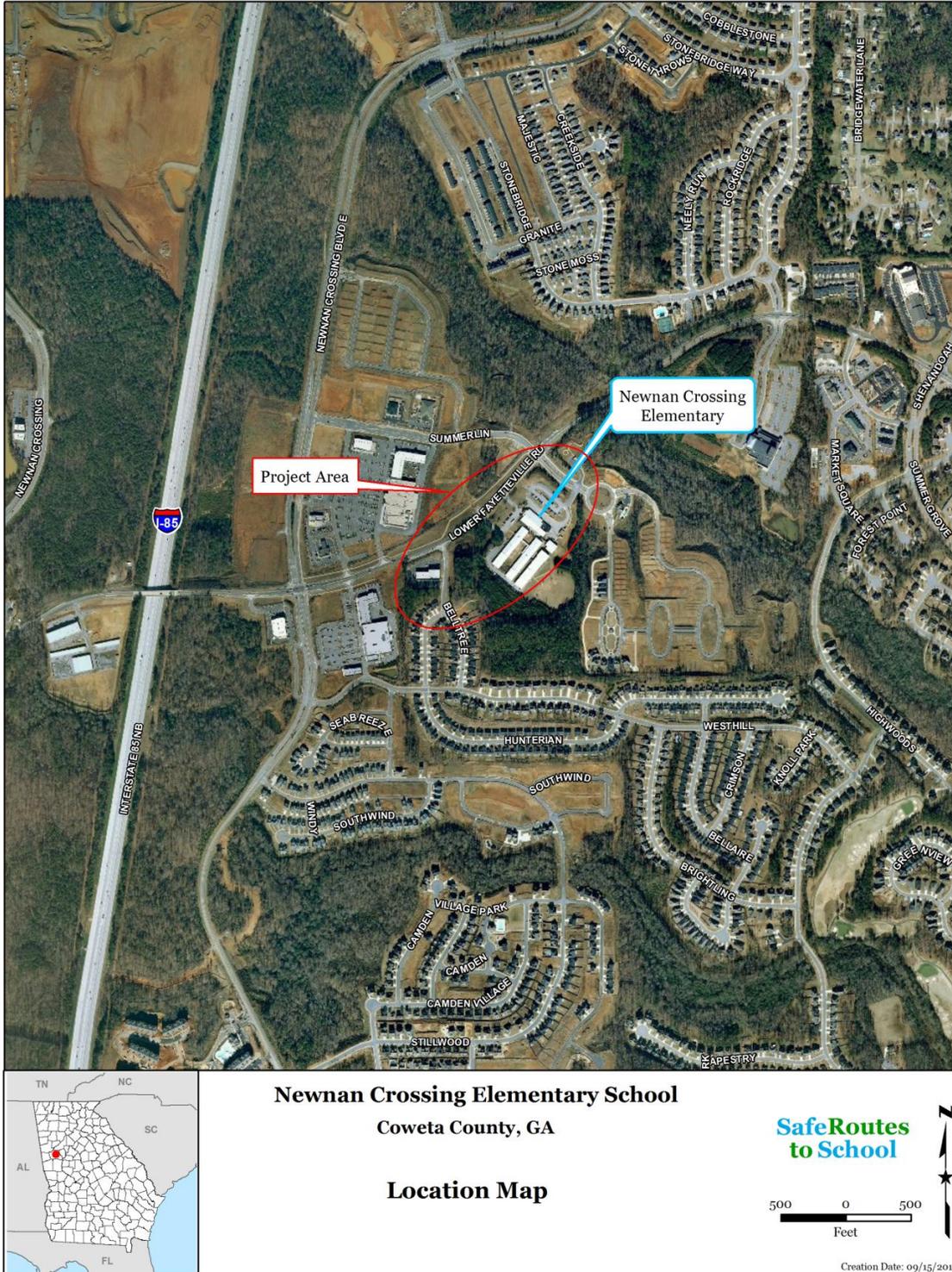
Christa C. Bunning DATE: 28 Feb 2012
Project Manager

Approvals:

Concur: Bobby Hilliard DATE: 5-30-2012
State Program Delivery Engineer

Approve: Al R. M. M. DATE: 6/8/12
Director of Engineering

PROJECT LOCATION



PLANNING & BACKGROUND DATA

Project Justification Statement:

Improvements to the pedestrian infrastructure at a Coweta County elementary school are needed to better accommodate children who wish to walk or bike to school. Installing a new sidewalk will calm traffic and increase visibility of pedestrians to motorists, improving accessibility between the school and the adjacent neighborhoods it serves. Proposed improvements will comply with the Americans with Disabilities Act (ADA).

Specifically, this project, funded by the Federal Safe Routes to School (SRTS) program, will improve the pedestrian infrastructure at Newnan Crossing Elementary School.

The Federal SRTS program was created by Section 1404 of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), which was signed into public law (P.L. 109-59) on August 10, 2005. As a result of this legislation, every state now has dedicated dollars to help with infrastructure improvements (e.g. new sidewalks and traffic calming projects) and non-infrastructure activities to encourage and enable students to walk and bicycle to school.

The SRTS infrastructure program, administered by the Federal Highway Administration (FHWA), is intended to promote walking and bicycling by students living within a two-mile radius of schools. All proposed improvements in this project are within the two-mile limit established by SRTS guidelines. The desired outcome of the SRTS infrastructure program is to improve the health and well-being of children by enabling and encouraging them to walk and bicycle to school.

In 2008, the Director of Facilities for the Coweta County School System submitted an application to the Safe Routes to School Program to secure funding for the installation of a sidewalk along Lower Fayetteville Road from Belltree Cir to the school's front entrance.

Description of the proposed project:

The pedestrian connectivity will be improved for students attending Newnan Crossing Elementary from the adjacent subdivisions west and southwest of the school (see Figure 1). Although there is an existing sidewalk on Lower Fayetteville Rd connecting Newnan Crossing Blvd and Summerlin Blvd on the opposite north side of the road, only intermittent sidewalk segments exist along Lower Fayetteville Rd on the south side of the road. Of particular interest is the section from Belltree Cir to the school's circular drive.



Figure 1. Pedestrian infrastructure around Newnan Crossing Elementary

Newnan Crossing Elementary is surrounded by the Summerlin Homes development and Summer Grove subdivision. Students coming from the subdivision located east of the school are able to access the school from Summerlin Blvd by an existing sidewalk. There is no sidewalk on Lower Fayetteville Rd west of the school connecting Belltree Circle to the school. Since Lower Fayetteville Rd is an urban minor arterial street with a significant amount of traffic volume, the placement of sidewalk in the area will provide significant improvement.

An existing unpaved path used by students across undeveloped property through the adjacent wooded area leads to the west end parking lot. The principal states there are no walkers from this area. There is an existing sidewalk from the Summer Grove subdivision southwest of the school. This sidewalk terminates at the school property line.

The proposed project is to construct a five (5) foot sidewalk along the south side of Lower Fayetteville Road from Belltree Circle to the west school drive. A total of four ADA ramps and domes are proposed at Belltree Circle and at both school drives. In addition, a missing sidewalk connection will be provided along the west school drive from the AT&T power box to the front parking lot.



Figure 2. Proposed Sidewalk along Lower Fayetteville Road.



Figure 3. AT&T equipment; west school driveway in foreground, Lower Fayetteville Rd. in background



Figure 4. AT&T equipment and west school driveway curb. Distance is approximately 4’.



Figure 5. Looking east along south side of Lower Fayetteville Rd. West school driveway in background.



Figure 6. Belletree Circle intersection at west end of project. Note landscaping and crosswalk location.



Figure 7. Rutting and “brick” stabilization, west school driveway.



Figure 8. South side of Lower Fayetteville Rd., between the two school drives.

Federal Oversight: Full Oversight Exempt State Funded Other

MPO: N/A MPO - Choose an item.
MPO Project TIP #

Regional Commission: N/A RC – Choose an item.
RC Project ID #

Congressional District(s): 3

Projected Traffic Choose an item.:
Current Year (2010): 14,770

Functional Classification (Mainline): –Urban Minor Arterial Street

Is this project on a designated bike route? No YES

Is this project located on a pedestrian plan? No YES

Is this project located on or part of a transit network? No YES

CONTEXT SENSITIVE SOLUTIONS

Issues of Concern: N/A

Context Sensitive Solutions: N/A

DESIGN AND STRUCTURAL DATA

Mainline Design Features: *Lower Fayetteville Road – Urban Minor Arterial Street*

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes	2	2 minimum	2
- Lane Width(s)	11.5'	12' desired, 11' minimum	11.5'
- Median Width & Type	N/A	N/A	N/A
- Outside Shoulder Width & Type	0-16', grass	N/A	0-8'**, grass
- Inside Shoulder Width & Type	N/A	N/A	N/A
- Grass Buffer	N/A	6' desirable	0-8'**, grass
- Sidewalks	4.5'	5' recommended	5'
- Auxiliary Lanes	N/A	N/A	N/A
- Bike Lanes	None	Not Required	None
Posted Speed	45 mph	45 mph	45 mph
Design Speed	45 mph	45 mph	45 mph
Access Control	None	None	None
Right-of-Way Width	80'	60'	80'
<i>Additional Items as needed</i>			

*According to current GDOT design policy if applicable

**Substantial ROW exists adjacent to the travel lanes. Buffer will vary based on existing adjacent sections and acceleration lane.

Major Structures: N/A

Major Interchanges/Intersections: N/A

Utility Involvements: No utilities are involved in the project. There is an AT&T box adjacent to the school drive. Conflicting information was provided by AT&T and the City concerning the ability to pave in the AT&T easement. The concept report assumes paving is permitted. The AT&T box will not be relocated. In the event sidewalk paving cannot be negotiated with AT&T, the paving on the easement will be removed from the project. Connection from the sidewalk along the roadway to the front of the school will be provided by the existing sidewalk along the east side of the circulating drive in front of the school.

Public Interest Determination Policy and Procedure recommended (Utilities)? YES NO

SUE Required: Yes No

Railroad Involvement: N/A

Right-of-Way:

Required Right-of-Way anticipated: YES NO Undetermined
 Easements anticipated: Temporary Permanent Utility Other

Anticipated number of impacted parcels: 0
 Anticipated number of displacements (Total): 0
 Businesses: 0
 Residences: 0
 Other: 0

Location and Design approval: Not Required Required

Off-site Detours Anticipated: No Yes Undetermined

Transportation Management Plan Anticipated: YES NO

Design Exceptions to FHWA/AASHTO controlling criteria anticipated:

FHWA/AASHTO Controlling Criteria	YES	Appvl Date (if applicable)	NO	Undetermined
1. Design Speed	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Lane Width	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Shoulder Width	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Bridge Width	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Horizontal Alignment	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Superelevation	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Vertical Alignment	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Grade	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Stopping Sight Distance	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Cross Slope	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Vertical Clearance	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Lateral Offset to Obstruction	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Bridge Structural Capacity	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Design Variances to GDOT standard criteria anticipated:

GDOT Standard Criteria	Reviewing Office	YES	Appvl Date (if applicable)	NO	Undetermined
1. Access Control - Median Opening Spacing	DP&S	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Median Usage & Width	DP&S	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Intersection Skew Angle	DP&S	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Lateral Offset to Obstruction	DP&S	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>

5. Intersection Sight Distance	DP&S	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Bike & Pedestrian Accommodations	DP&S	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. GDOT Drainage Manual	DP&S	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Georgia Standard Drawings	DP&S	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. GDOT Bridge & Structural Manual	Bridge Design	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Roundabout Illumination - (if applicable)	DP&S	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Rumble Strips/Safety Edge	DP&S	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>

VE Study anticipated: No Yes Completed – Date:

ENVIRONMENTAL DATA

Anticipated Environmental Document:

GEPA: NEPA: Categorical Exclusion EA/FONSI EIS

Air Quality:

Is the project located in a PM 2.5 Non-attainment area? No Yes
 Is the project located in an Ozone Non-attainment area? No Yes

The project is a small level project and is exempt from developing a conforming plan. It promotes pedestrian activity and will nominally enhance air quality.

Environmental Permits/Variations/Commitments/Coordination anticipated:

Permit/ Variance/ Commitment/ Coordination Anticipated	YES	NO	Remarks
1. U.S. Coast Guard Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Forest Service/Corps Land	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. CWA Section 404 Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Tennessee Valley Authority Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Buffer Variance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Coastal Zone Management Coordination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. NPDES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. FEMA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Cemetery Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Other Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Other Commitments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
12. Other Coordination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Is a PAR required? No Yes Completed – Date:

NEPA/GEPA: N/A

Ecology: According to the USFW's database, there are no anticipated known protected species or habits within the project area.

History: There are no known historic resources within the project area.

Archeology: There are no known archeological resources in the area.

Air & Noise: N/A

Public Involvement: N/A

Major stakeholders:

- Coweta County School System
- City of Newnan

CONSTRUCTION

Issues potentially affecting constructability/construction schedule:

There is a detention area adjacent to the south school property line and Lower Fayetteville Road. The project does not impact the detention area.

Early Completion Incentives recommended for consideration: No Yes

PROJECT RESPONSIBILITIES

Project Activities:

Project Activity	Party Responsible for Performing Task(s)
Concept Development	Parsons Brinckerhoff
Design	GDOT
Right-of-Way Acquisition	N/A
Utility Relocation	N/A
Letting to Contract	GDOT
Construction Supervision	GDOT
Providing Material Pits	N/A
Providing Detours	GDOT, if applicable
Environmental Studies, Documents, and Permits	GDOT
Environmental Mitigation	GDOT, if applicable
Construction Inspection & Materials Testing	GDOT, if applicable

Lighting required: No Yes

Initial Concept Meeting:

Site Visit and Meeting: October 5, 2011

Representatives of the Coweta County School System, Parsons Brinckerhoff, and a GDOT project manager met at the site to assess the existing conditions of the site.
 Meeting minutes attached.

Concept Meeting:

January 19, 2012

Other projects in the area:

- PI 0004407: Lower Fayetteville Road operational upgrade – From Greison Trail to Fisher Road
- PI 0009323: I-85 South, Interchange capacity – At Poplar Rd, New interchange
- PI 0007694: Newnan Bypass Extension, General purpose capacity – From Turkey Creek Rd to SR 16 between US 29 and I-85 south
- PI 0009427: Coweta County AARA Resurfacing Program, Roadway maintenance/operations
- CW-041 (PI number N/A): East Washington St Extension – Phases I, II, and III, General purpose roadway capacity – From Farmer St to Newnan Crossing Bypass
- PI 322405-: SR 34 Bypass, General purpose roadway capacity – From Jefferson Pkwy to SR 34 (Bullsboro Dr) east of Newnan
- PI 0010160: I-85 South – NEPA Update for Widening Project – From SR 74 to SR 34
- RC04-000068: Lower Fayetteville Road widening from 2 to 4 lanes

Other coordination to date: N/A

Project Cost Estimate and Funding Responsibilities:

	Breakdown of PE	ROW	Utility	CST*	Environmental Mitigation	Total Cost
By Whom	GDOT	N/A	TBD	GDOT	None Anticipated	
\$ Amount	\$49,000			\$46,069.75		\$95,069.75
Date of Estimate	5/7/2012			5/7/2012		

*CST Cost includes: 1. Construction and Liquid AC Cost Adjustment
 2. E&I Cost Estimate of \$13,000 as determined by similar projects let recently

ALTERNATIVES DISCUSSION

Alternative selection:

Preferred Alternative: Continue the existing sidewalk from Belltree Circle to the east school drive. Construct a sidewalk along the west school drive without impeding on the AT&T easement.			
Estimated Property Impacts:	None	Estimated Total Cost:	\$46,069.75
Estimated ROW Cost:	None	Estimated CST Time:	Less than 6 months
Rationale: This alternative will provide the pedestrian infrastructure to guide students to and from the school's main entrance. In addition, the visibility of the sidewalk will help increase drivers' awareness of pedestrians.			

Alternative B: Extend the sidewalk from the private community park in the Belltree Circle subdivision across school property to the west end parking lot at the school.			
Estimated Property Impacts:	None	Estimated Total Cost:	\$32,106.51
Estimated ROW Cost:	N/A	Estimated CST Time:	Less than 6 months
Rationale: This alternative was not selected due to the operational impact and security concerns related to the alternative. It would require the school to assign a monitor to an additional school entrance on the west side. It would also require students to walk through an area where they could not be readily observed presenting some security concerns.			

No-Build Alternative: No new sidewalk is installed.			
Estimated Property Impacts:	None	Estimated Total Cost:	\$0
Estimated ROW Cost:	N/A	Estimated CST Time:	N/A
Rationale: Does not meet the goals of the project			

Comments: None

Attachments:

1. Concept Layout
2. Detailed Cost Estimates including E & I
3. Typical Section
4. Minutes of Concept meetings
5. Other items referred to in the body of the report
 - a. Land Use Map
 - b. Zoning Map
 - c. Floodplain Map
 - d. Traffic Counts Map
 - e. Water Main Location map
 - f. Sewer Location map
 - g. Newnan Crossing Elementary Plat
 - h. AT&T Easement Plat



Ramp and Dome

Ramp and Dome

Ramp and Dome

AT&T Power Box

LOWER FAYETTEVILLE RD

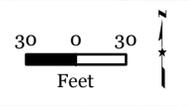
SUMMERLIN

BELLTREE

Legend

Parcel

Proposed Sidewalk



DETAILED COST ESTIMATE



Job: 0010013

JOB NUMBER: 0010013

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: COWETA COUNTY SAFE ROUTE TO SCHOOL

ITEMS FOR JOB 0010013

100 - HARDSCAPE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0035	163-0232	0.100	AC	\$391.73	TEMPORARY GRASSING	\$39.17
0050	163-0240	0.100	TN	\$157.88	MULCH	\$15.79
0060	171-0030	2100.000	LF	\$2.74	TEMPORARY SILT FENCE, TYPE C	\$5,756.92
0030	210-0100	1.000	LS	\$5,000.00	GRADING COMPLETE - SIDEWALKS	\$5,000.00
0010	441-0104	547.000	SY	\$29.06	CONC SIDEWALK, 4 IN	\$15,894.50
0070	500-3101	0.500	CY	\$413.86	CLASS A CONCRETE CONCRETE COLLAR	\$206.93
0080	515-2020	8.000	LF	\$53.27	GALV STEEL PIPE HDRAIL, 2", ROUD	\$426.20
0065	550-1180	50.000	LF	\$37.12	STM DR PIPE 18", H 1-10	\$1,856.25
0075	668-5000	1.000	EA	\$1,449.60	JUNCTION BOX	\$1,449.60
0040	700-6910	0.100	AC	\$766.96	PERMANENT GRASSING	\$76.70
0045	700-8000	0.100	TN	\$487.55	FERTILIZER MIXED GRADE	\$48.75
<i>SUBTOTAL FOR HARDSCAPE:</i>						\$30,770.81

200 - SIGNING AND STRIPING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0015	611-5360	2.000	EA	\$322.81	RESET HIGHWAY SIGN	\$645.62
0020	636-1033	35.000	SF	\$22.77	HWY SIGNS, TP1MAT, REFL SH TP 9	\$797.06
0025	636-2070	28.000	LF	\$10.89	GALV STEEL POSTS, TP 7	\$304.86
0005	652-5801	552.000	LF	\$1.00	SOLID TRAF STRIPE, 8 IN, WHITE	\$551.60
<i>SUBTOTAL FOR SIGNING AND STRIPING:</i>						\$2,299.14

TOTALS FOR JOB 0010013

ITEMS COST:	\$33,069.95
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$33,069.95
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.39
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$46,069.75

DETAILED COST ESTIMATE



Job: 0010013B

JOB NUMBER: 0010013B

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: COWETA COUNTY SAFE ROUTE TO SCHOOL
ALTERNATE B

ITEMS FOR JOB 0010013B

100 - HARDSCAPE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0050	163-0232	0.200	AC	\$391.73	TEMPORARY GRASSING	\$78.35
0045	163-0240	0.200	TN	\$157.88	MULCH	\$31.58
0070	171-0030	1500.000	LF	\$2.80	TEMPORARY SILT FENCE, TYPE C	\$4,195.67
0030	210-0100	1.000	LS	\$5,000.00	GRADING COMPLETE - SIDEWALK	\$5,000.00
0025	441-0104	300.000	SY	\$30.86	CONC SIDEWALK, 4 IN	\$9,257.63
0060	700-6910	0.100	AC	\$766.96	PERMANENT GRASSING	\$76.70
0055	700-8000	0.100	TN	\$487.55	FERTILIZER MIXED GRADE	\$48.75
<i>SUBTOTAL FOR HARDSCAPE:</i>						\$18,688.68

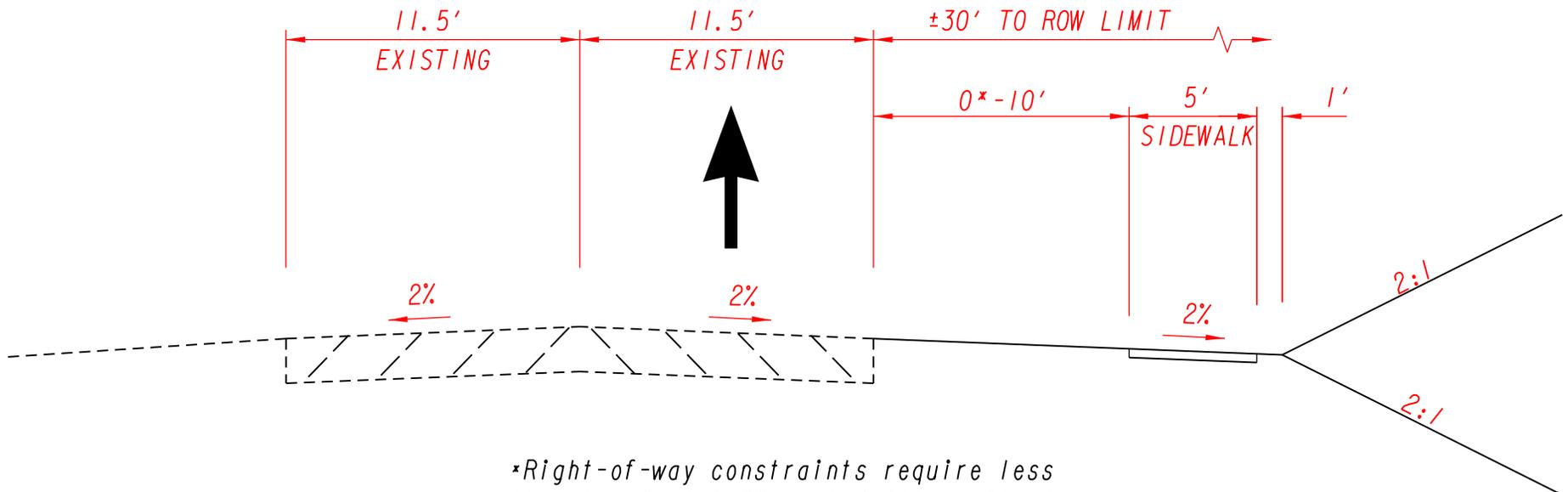
200 - SIGNING AND MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0035	636-1033	10.000	SF	\$24.62	HWY SIGNS, TP1MAT,REFL SH TP 9	\$246.18
0040	636-2070	15.000	LF	\$11.44	GALV STEEL POSTS, TP 7	\$171.61
<i>SUBTOTAL FOR SIGNING AND MARKING:</i>						\$417.79

TOTALS FOR JOB 0010013B

ITEMS COST:	\$19,106.47
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$19,106.47
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.68
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$32,106.51

Newnan Crossing Elementary
Typical Section of Lower Fayetteville Road



*Right-of-way constraints require less than two foot buffer at Belltree Circle.

Not to Scale

Site Visit Meeting Minutes

Site: Newnan Crossing Elementary School
1267 Lower Fayetteville Rd
Newnan, GA 30265

Site Visit Date: October 5, 2011

Schedule:

10:30 AM – 12:00 PM: PB staff conducted field work on the school site and in the area prior to the meeting in the afternoon. Pictures of the site were taken for analysis and documentation purposes.

1:30 PM – 3:30 PM: PB staff met with the Coweta County School System representatives, City of Newnan Director of Public Works, GDOT Project Manager, and school principal. The attendees provided background information about the project, highlighted some potential issues, and provided suggestions about the design concept.

Site Visit Meeting Notes

Project – Newnan Crossing Elementary School – SRTS

County – Coweta

P.I. Number – 0010013

PB Project Number – 173445 – Task Order 14

October 5, 2011

Newnan Crossing Elementary School

1267 Lower Fayetteville Rd

Newnan GA

Attendees:

Cynthia C. Burney, P.E.

Project Manager

GDOT

Ronnie Cheek

Director of Facilities

Coweta County School System

Jerry R. Davis

Associate Superintendent

Coweta County School System

William M. Klahr, P.E.

Public Works Director/City Engineer

City of Newnan

John H. Palm, AICP

Senior Supervising Planner

Parsons Brinckerhoff

Lisa Douangchai, CFM

Planner

Parsons Brinckerhoff

Key Notes:

A. Key features:

1. The detention pond is in the wooded area bounded by Belltree Cir, Lower Fayetteville Rd, and the west school driveway. The project should avoid disturbing this area.
2. AT&T power box at the corner of Lower Fayetteville Rd and the west school driveway. The box is located approximately four feet from the west school driveway curb. The slab for the box is somewhat higher than the top of the curb.
3. There is a sidewalk through a playground common area on Belltree Circle (Summerlin Homes subdivision) that apparently ends at the school property line. It is likely intended to provide a route for children to access the school. Branching from the sidewalk is an unpaved path through a wooded area, clearly used by students from the subdivision to walk to school. It connects to the west corner parking lot on the side of the school.
4. The radius at Lower Fayetteville Rd. and the west school drive appears to be insufficient for the traffic using the driveway. It has been built up with bricks to avoid rutting by the bus traffic off-pavement. The radius for the curb there associated with the project should be designed to accommodate school buses.
5. Concept plans exist to widen Lower Fayetteville Road in front of the school, however firm funding has not been identified at this point.

B. Notes:

1. The AT&T power box may be a potential challenge due to its location and the high cost of relocating. Four alternatives were suggested:
 - Install the sidewalk behind the box. There may be an issue with the retention pond depending on clearance and the exact limits of the retention area. If possible we should avoid disturbing the retention area.
 - Install the sidewalk in front of the box. The sidewalk would be approximately 4 feet wide and would have to be sloped to be level with the box's concrete pad. There may be an issue with the width of the sidewalk and standards for the program (state and federal). The narrow width would be fairly short, six to eight feet.
 - The sidewalk connection along the west school drive could be deleted. Students would use the sidewalk along Lower Fayetteville Rd. connecting the two school drives, and then the existing sidewalk along the east school drive to access the main entrance of the school.
 - The west school driveway could be narrowed to install a wider sidewalk. The driveway is approximately 24 feet in width (face to face of curb). It is used to park a double row of buses for drop off and pick up at the school. This may limit operations for these school buses.

2. Install a sidewalk connecting Summerlin Homes to the school using a combination of the existing playground sidewalk and dirt trail, which leads to the community's residential playground instead of, or in addition to, the proposed roadway alignment for the sidewalk. The advantage of this alignment would be that students are already walking there, however safety, security, and visibility may be of concern.
 - Students would have to cross the parking lot and enter through the side door. Ronnie Cheek stated that the door is typically locked.
 - Connect the trail to a new sidewalk/footbridge directly in front of the parking spaces in the wooded area allowing students to access the sidewalk in front of the school.

Next Steps:

- Review the design plan of Lower Fayetteville Rd.
- Evaluate the ownership and potential of the common area/playground alignment.
- Evaluate the potential for reduced width or realignment to avoid AT&T at the corner of the west school drive and Lower Fayetteville Rd.

Site Visit Meeting Notes

Project – Newnan Crossing Elementary School – SRTS

County – Coweta

P.I. Number – 0010013

PB Project Number – 173445 – Task Order 14

January 20, 2012

Newnan Crossing Elementary School

1267 Lower Fayetteville Rd

Newnan GA

Attendees:

Cynthia C. Burney, P.E.

Project Manager

GDOT

Ronnie Cheek

Director of Facilities

Coweta County School System

Jerry R. Davis

Associate Superintendent

Coweta County School System

William M. Klahr, P.E.

Public Works Director/City Engineer

City of Newnan

John H. Palm, AICP

Senior Supervising Planner

Parsons Brinckerhoff

Terri Lassetter

Principal – Newnan Crossing Elementary School

Coweta County School System

Dana McCauley

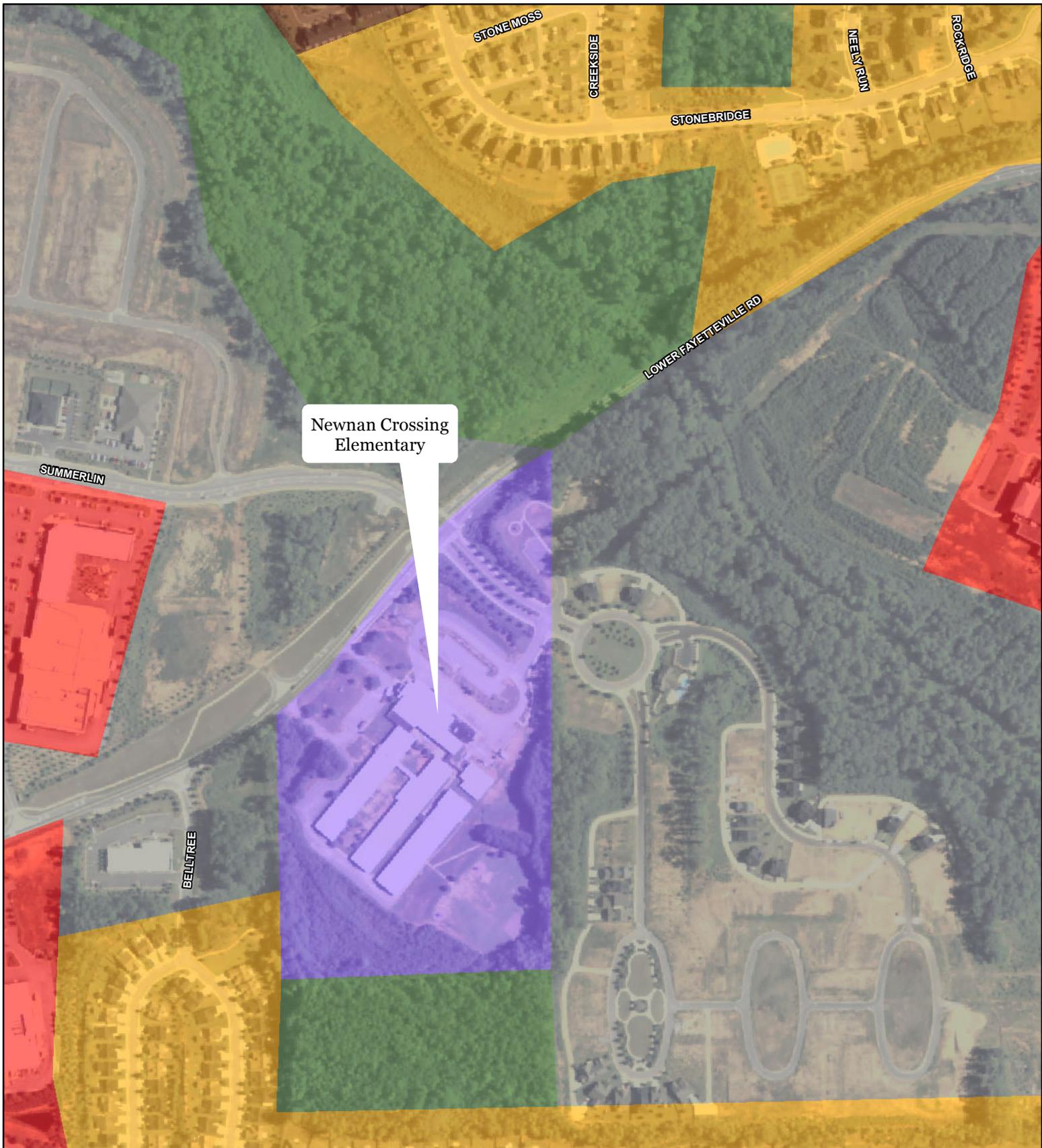
City of Newnan – Public Works

Dean Jackson

Coweta County School System

Key Notes:

1. The concept report was reviewed and preferred alternative identified. The other alternative (the connection through the community part) was lower cost, but posed some security issues for the children, and would add cost to the school to staff the west side door for children to enter. *There was agreement that the preferred alternative meet the local needs the best.*
2. The AT&T power box was discussed. The preferred alternative does not include any sidewalk on the AT&T easement. GDOT information was that AT&T would not permit any paving on the easement. The City Representatives indicated they would contact AT&T and see if they could obtain permission to pave on the easement. This would permit the sidewalk connection from the west drive.
3. The City indicated that their standard required Type C Temporary Silt Fencing instead of Type B as noted in the cost estimate.
4. Following the meeting, further site review and discussion noted three additional cost estimate items.
 - The sidewalk paving over the easement would be included in the estimate (30 additional feet of sidewalk).
 - A protective railing along the proposed sidewalk should be included in the estimate for the pipe under Lower Fayetteville Road coming out between the two drives.
 - The pipe under the west drive and the cross drain under Lower Fayetteville Road come together in a small length of open ditch immediately west of the west driveway. This should be enclosed. It may prove unnecessary if the exact limits of the AT&T easement permit the sidewalk to be constructed.



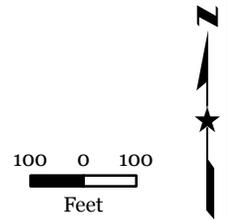
Newnan Crossing Elementary

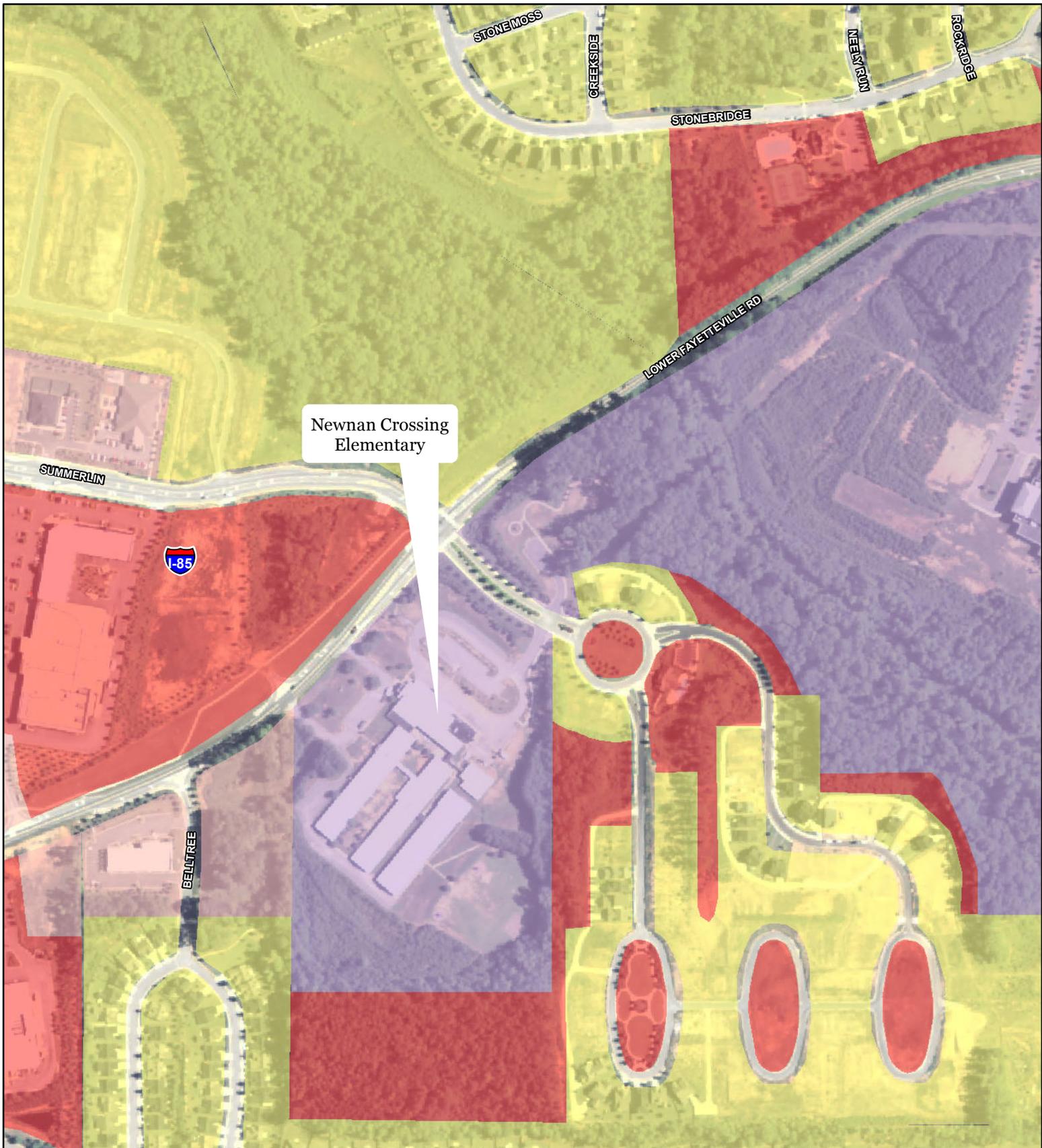


Newnan Crossing Elementary School Coweta County, GA

Land Use

- Medium Density Residential
- Education
- Multifamily Residential
- Transitional
- Commercial
- Forest





Newnan Crossing Elementary

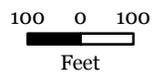


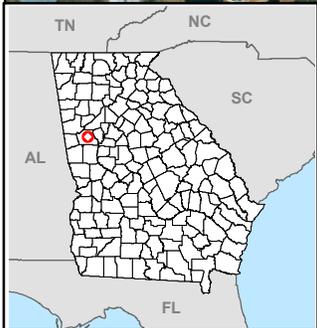
Newnan Crossing Elementary School

Coweta County, GA

Zoning

- Commercial Retail District - C3
- Education - E1, E9
- Commercial Service District - C4
- Residential - R3, R4, R5



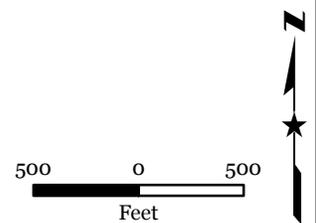


Newnan Crossing Elementary School

Coweta County, GA

- Floodplain

 - 100-Year Zone
 - 500-Year Zone
- Stream/River

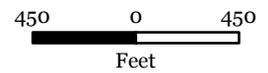


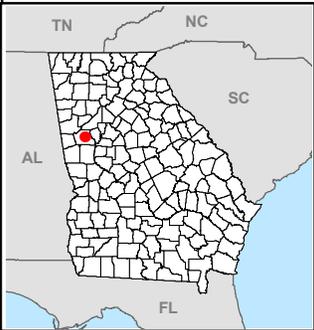


Newnan Crossing Elementary School

Coweta County, GA

 Traffic Counter



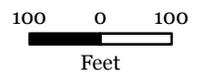


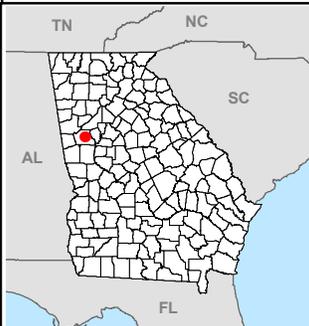
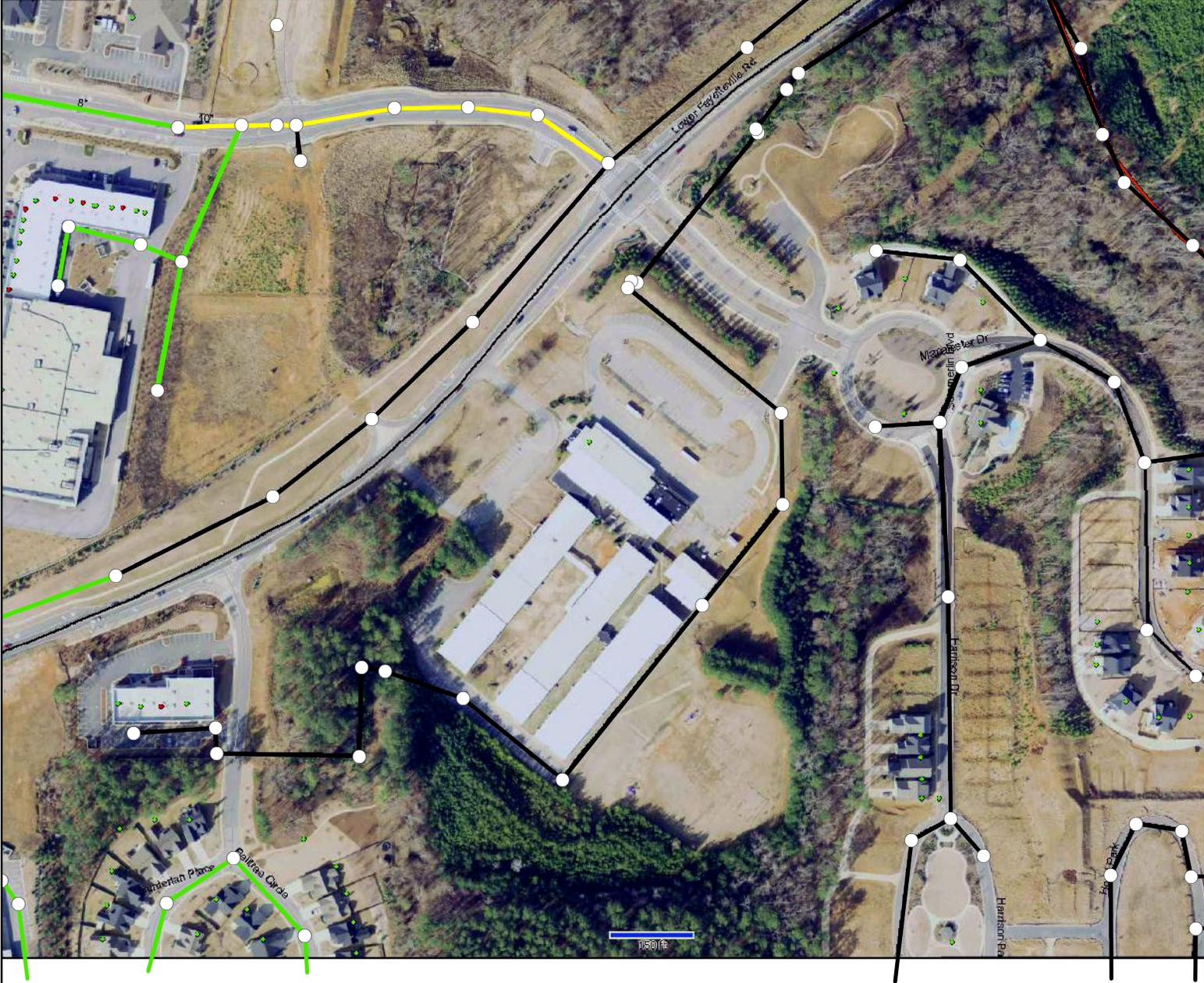
Newnan Crossing Elementary School

Coweta County, GA

Water Main Size Hydrant

- | | |
|------------|-----------|
| — Unknown | Type |
| — 8" Main | ⊕ Hydrant |
| — 12" Main | ● Valve |
| — 16" Main | |

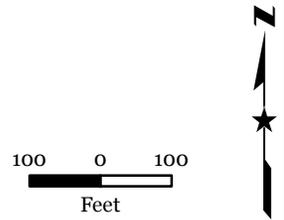


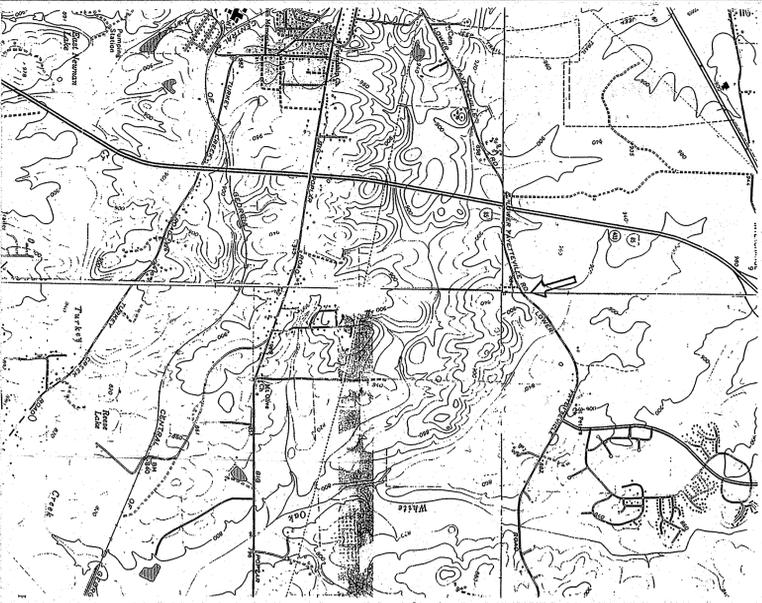


Newnan Crossing Elementary School

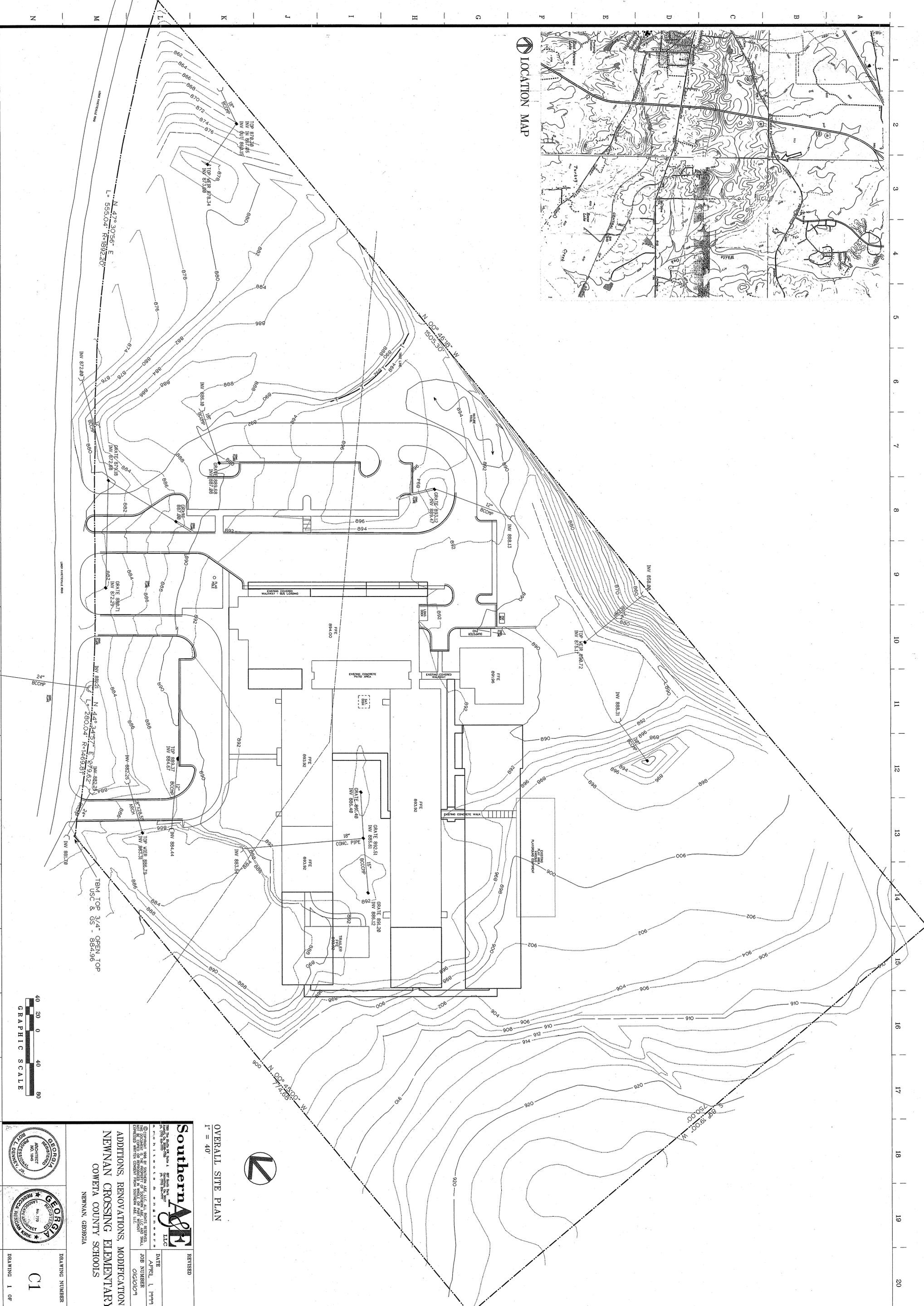
Coweta County, GA

- Sewer Main Size ○ Manhole
- Unknown
- 8" Main
- 10" Main

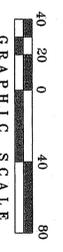




LOCATION MAP



OVERALL SITE PLAN
1" = 40'



	Southern A&T LLC 1000 The Bridge, Suite 400, Marietta, GA 30067 (770) 429-1100 www.southernat.com
	DATE: APRIL 1, 1999 JOB NUMBER: 01C1019 OIC/DCO: J
REVISIONS: 1. ADDITIONS, RENOVATIONS, MODIFICATIONS NEWNAN CROSSING ELEMENTARY COWETA COUNTY SCHOOLS NEWNAN, GEORGIA	DRAWING NUMBER: C1 DRAWING 1 OF 5

