



4800 Ashford Dunwoody Road  
 Dunwoody, Georgia 30338  
 dunwoodyga.gov | 678.382.6700

## MEMORANDUM

**To:** Mayor and City Council

**From:** Michael Smith, Public Works Director

**Date:** February 25, 2019

**Subject:** **Funding Authorization for Storm Drainage, Curb and Sidewalk Construction for the New Austin Elementary School**

### **ITEM DESCRIPTION**

Request to authorize funding under Georgia Development Partners' unit price contract for grading, drainage, curb and sidewalk construction on Roberts Drive between Chamblee Dunwoody Road and Verdon Drive as part of the road improvements for the new Austin Elementary School.

### **BACKGROUND**

The planned transportation improvements on Roberts Drive for the new Austin Elementary School include turn lanes into and out of the main entrance to the school, new sidewalk on the west side of Roberts Drive, widened sidewalk on the east side of the road and a new traffic signal and pedestrian crossing at the entrance. The engineering design has been completed and utility companies have begun relocating utilities that conflict with the proposed improvements. The city is in the process of acquiring permanent stormwater drainage easements from 2 property owners and temporary construction easements from 4 other individual owners as well as additional right of way from the DeKalb Board of Education and Board of Commissioners.

To get the most qualified contractors at competitive prices while working under a compressed schedule, the city has divided the scope of the road improvements for the new school into four tasks:

1. Grading for road widening to accommodate new turn lanes at the school entrance, drainage pipe installation, concrete curb and sidewalk construction
2. Traffic signal installation
3. Asphalt paving
4. Final landscaping

Georgia Development Partner's cost estimate to complete Task 1 using their unit price contract with the city is \$760,750, including a 10% contingency. An invitation to bid has been issued for Task 2 and R. J. Haynie submitted the lowest bid at \$171,660. Task 3 is proposed to be completed by Blount Construction using their unit price paving contract at an estimated cost of \$225,000. The estimated cost for Task 4 is \$50,000 with quotes to be obtained at a later date. The total construction cost including a 10% contingency, construction management and quality control testing is expected to be up to \$1,350,000, which will be well below the available budget of approximately \$2,400,000 that includes a \$300,000 grant from the Georgia Department of Transportation.



4800 Ashford Dunwoody Road  
Dunwoody, Georgia 30338  
dunwoodyga.gov | 678.382.6700

**RECOMMENDED ACTION**

Staff requests authorization to provide up to \$760,750 in funding through Georgia Development Partners unit price contract for road improvements on Roberts Drive. Upon approval, work will begin later this spring as soon as the utilities have been relocated.



## Estimate

**Roberts Drive @ Ashford Elementary  
Dunwoody, Georgia  
1/10/2019 (Revised 1-17-19)**

1.00	ea	Mobilization	\$2,400.00	\$2,400.00
80.00	day	Traffic Control	\$750.00	\$60,000.00
0.59	ac	Clearing	\$4,500.00	\$2,655.00
0.45	mi	Grading per mile	\$52,800.00	\$23,760.00
401.00	cy	Dirt Export	\$25.00	\$10,025.00
200.00	cy	Over Excavate and Backfill Unsuitable Soils	\$55.50	\$11,100.00
1,200.00	tn	GAB	\$29.00	\$34,800.00
200.00	tn	57 Stone (Bedding)	\$36.50	\$7,300.00
0.59	ac	Temporary Grassing	\$950.00	\$560.50
3.00	tn	Mulch	\$350.00	\$1,050.00
17.00	ea	Construct & Remove Inlet Sediment Trap	\$225.00	\$3,825.00
4,160.00	lf	Silt Fence Type C	\$3.25	\$13,520.00
17.00	ea	Maintenance of Inlet Sediment Trap	\$50.00	\$850.00
4,160.00	lf	Maintenance of Type C	\$1.00	\$4,160.00
589.00	lf	Tree Save Fence	\$1.50	\$883.50
10.00	mo	Water Quality Monitoring and Sampling	\$550.00	\$5,500.00
1.00	ls	Surveying	\$6,500.00	\$6,500.00
2,598.00	lf	24" Curb and Gutter and Demolition	\$8.50	\$22,083.00
810.10	sy	Sidewalk Demolition	\$16.50	\$13,366.65
1,718.00	lf	Sawcutting	\$3.25	\$5,583.50
2,007.00	sf	Asphalt Demolition	\$5.20	\$10,436.40
2,346.00	sf	Driveway Demolition	\$5.20	\$12,199.20
26.00	lf	18" Pipe Demolition	\$44.50	\$1,157.00
1.00	ea	Storm Structure Demolition	\$950.00	\$950.00
1.00	ea	Planter Demolition	\$950.00	\$950.00
1,443.00	lf	18" RCP	\$35.50	\$51,226.50
121.00	lf	24" RCP	\$45.50	\$5,505.50
3.00	ea	Connect to Existing Storm	\$1,500.00	\$4,500.00
9.00	ea	Catch Basins GP1 (Single Wing)	\$2,950.00	\$26,550.00
5.00	ea	Drop Inlet GP1	\$2,250.00	\$11,250.00
3.00	ea	Storm Sewer Manhole TP 1	\$2,250.00	\$6,750.00
34.00	cy	Class B Pavement Widening	\$215.00	\$7,310.00
1,924.00	sy	Sidewalk 4"	\$33.50	\$64,454.00
17.00	ea	ADA Ramps	\$2,650.00	\$45,050.00
2,952.00	lf	24" Curb and Gutter 6 in x 24 in, TP 2	\$18.50	\$54,612.00
33.00	sy	Concrete Median, 6 in	\$39.50	\$1,303.50
126.00	lf	Header Curb 6"	\$18.00	\$2,268.00
187.00	sy	Driveway Concrete, 6 in TK,High Early	\$52.50	\$9,817.50
94.00	sy	6" Valley Gutter	\$37.50	\$3,525.00
67.00	sy	Floating Sidewalk	\$48.50	\$3,249.50
54.00	cy	Gravity Wall	\$595.00	\$32,130.00
105.00	sy	8" Driveway Apron at Fire Station	\$57.50	\$6,037.50
1.00	ea	Reset Highway Sign Standard	\$150.00	\$150.00
3.00	ea	Adjust Valve to Grade	\$300.00	\$900.00
10.00	ea	Adjust Water Meter Box to Grade	\$300.00	\$3,000.00
120.00	lf	Water Service Line 1 in	\$15.50	\$1,860.00
3.00	ea	Relocate Water Meter, incl box	\$350.00	\$1,050.00
53.00	cy	Special Wall	\$595.00	\$31,535.00
1.00	ea	Relocate Flag Pole	\$1,150.00	\$1,150.00



416.00	lf	Remove and Replace 6' Privacy Fence	\$15.00	\$6,240.00
34,590.00	sf	Sod (based on \$26,250.00/ac)	\$0.61	\$21,099.90
1,985.00	sf	Pinestraw (based on \$5,257.80/ac)	\$0.13	\$258.05
10.00	ea	Remove and Replace Mailboxes (standard post type)	\$150.00	\$1,500.00
0.00	ls	Asphalt	\$0.00	\$0.00
0.00	ls	Milling and Overlay	\$0.00	\$0.00
0.00	ls	Signal Demolition and Installation	\$0.00	\$0.00
150.00	lf	Reinstall Sprinkler Line	\$8.00	\$1,200.00
10.00	ea	Reinstall Sprinkler Head	\$550.00	\$5,500.00
1.00	ls	Site Restoration Allowance	\$25,000.00	\$25,000.00

<b>Total</b>				<b>\$691,596.70</b>
<b>10% Contingency</b>				<b>\$69,159.67</b>
				<b>\$760,756.37</b>



**Unit Prices For Additional Work If Required**

- Mass Rock - \$30.00/cy
- Rippable Rock - \$8.00/cy
- Trench Rock - \$75.00/cy

**Notes**

The proposal is based on Wolverton plans (no date)  
 Any under cutting, mucking, additional topsoil, soil drying and haul in/haul off is excluded.  
 Permitting has not been included.  
 Asphalt by others  
 Signage & Striping by others  
 Price excludes all Traffic Signal work  
 Price assumes all necessary tree removal by others  
 All items not specifically included considered excluded.

IN WITNESS WHEREOF THE CONTRACTOR and THE OWNER have executed this AGREEMENT this 17th day of January 2019.

CONTRACTOR:

OWNER:

Georgia Development Partners

\_\_\_\_\_  
Signature

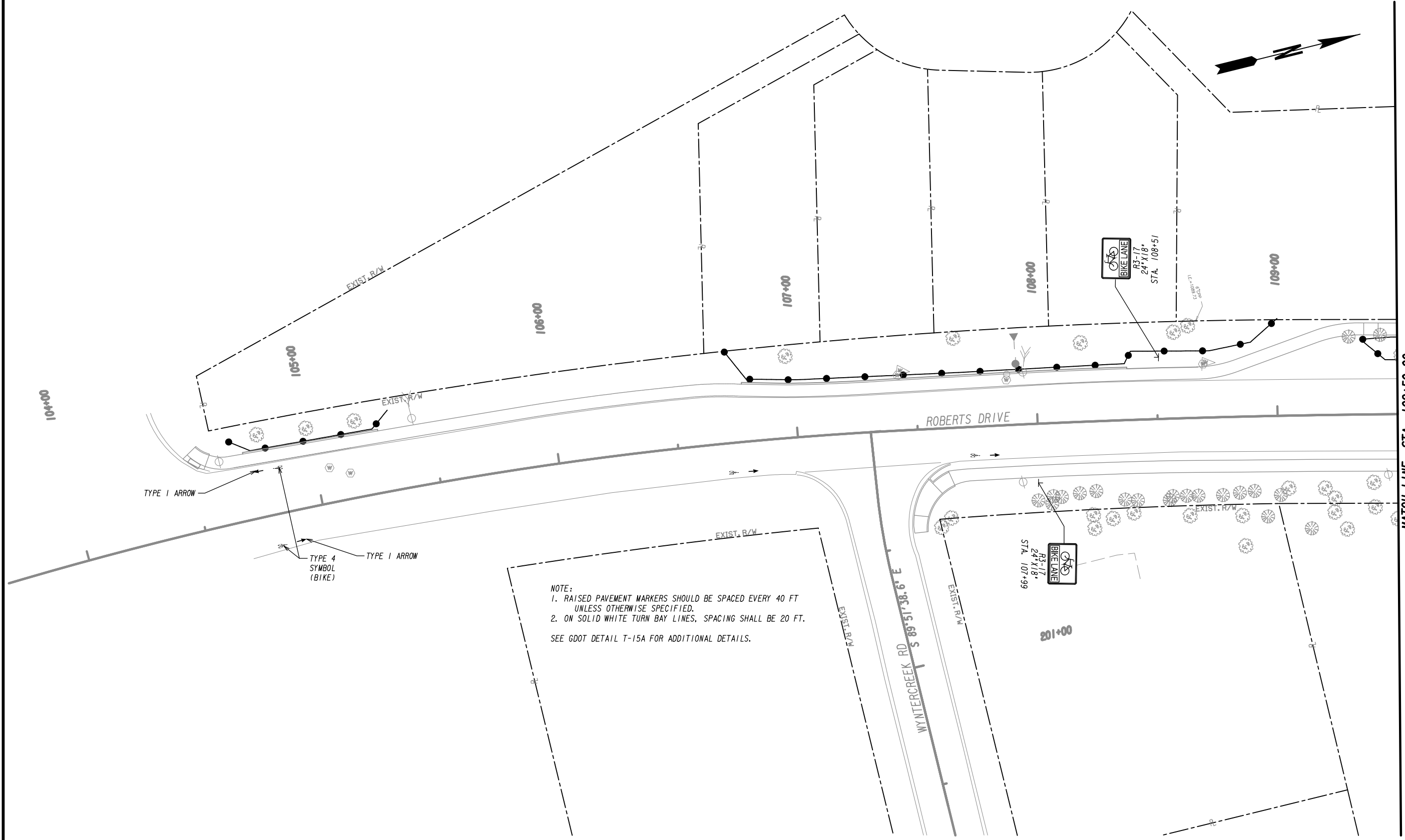
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name & Title

\_\_\_\_\_  
Printed Name & Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date



MATCH LINE STA. 109+50.00  
SEE DRAWING NO. 26-0001

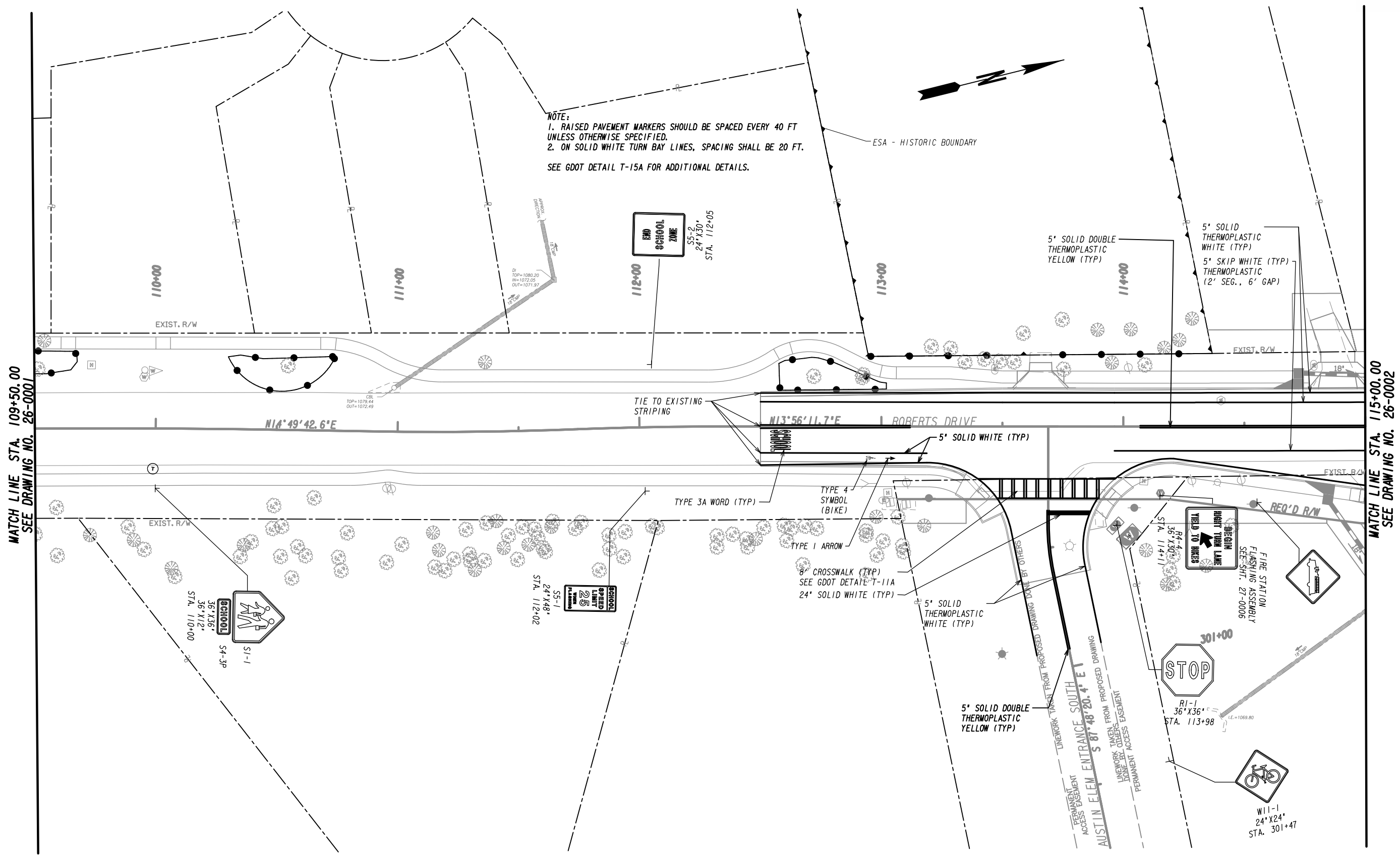
NOTE:  
 1. RAISED PAVEMENT MARKERS SHOULD BE SPACED EVERY 40 FT UNLESS OTHERWISE SPECIFIED.  
 2. ON SOLID WHITE TURN BAY LINES, SPACING SHALL BE 20 FT.  
 SEE GDOT DETAIL T-15A FOR ADDITIONAL DETAILS.



6745 Sugarloaf Parkway • Suite 100 • Duluth, Georgia 30097  
 Phone: 770-447-8999  
 www.wolvertoninc.com

REVISION DATES	

<b>CITY OF DUNWOODY</b>			
SIGNING AND MARKING PLANS ROBERTS DRIVE			
CHECKED: JKY	DATE: 01/08/19	DRAWING No.	
BACKCHECKED: CBR	DATE: 01/10/19	<b>26-0001</b>	
CORRECTED: LGC	DATE: 01/22/19		
VERIFIED: CBR	DATE:	Package page:	



NOTE:  
1. RAISED PAVEMENT MARKERS SHOULD BE SPACED EVERY 40 FT UNLESS OTHERWISE SPECIFIED.  
2. ON SOLID WHITE TURN BAY LINES, SPACING SHALL BE 20 FT.  
SEE GDOT DETAIL T-15A FOR ADDITIONAL DETAILS.

MATCH LINE STA. 109+50.00  
SEE DRAWING NO. 26-0001

MATCH LINE STA. 115+00.00  
SEE DRAWING NO. 26-0002

PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES


BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)


**WOLVERTON**  
Engineering Solutions You Can Trust  
6745 Sugarloaf Parkway • Suite 100 • Duluth, Georgia 30097  
Phone: 770-447-8999  
www.wolvertoninc.com

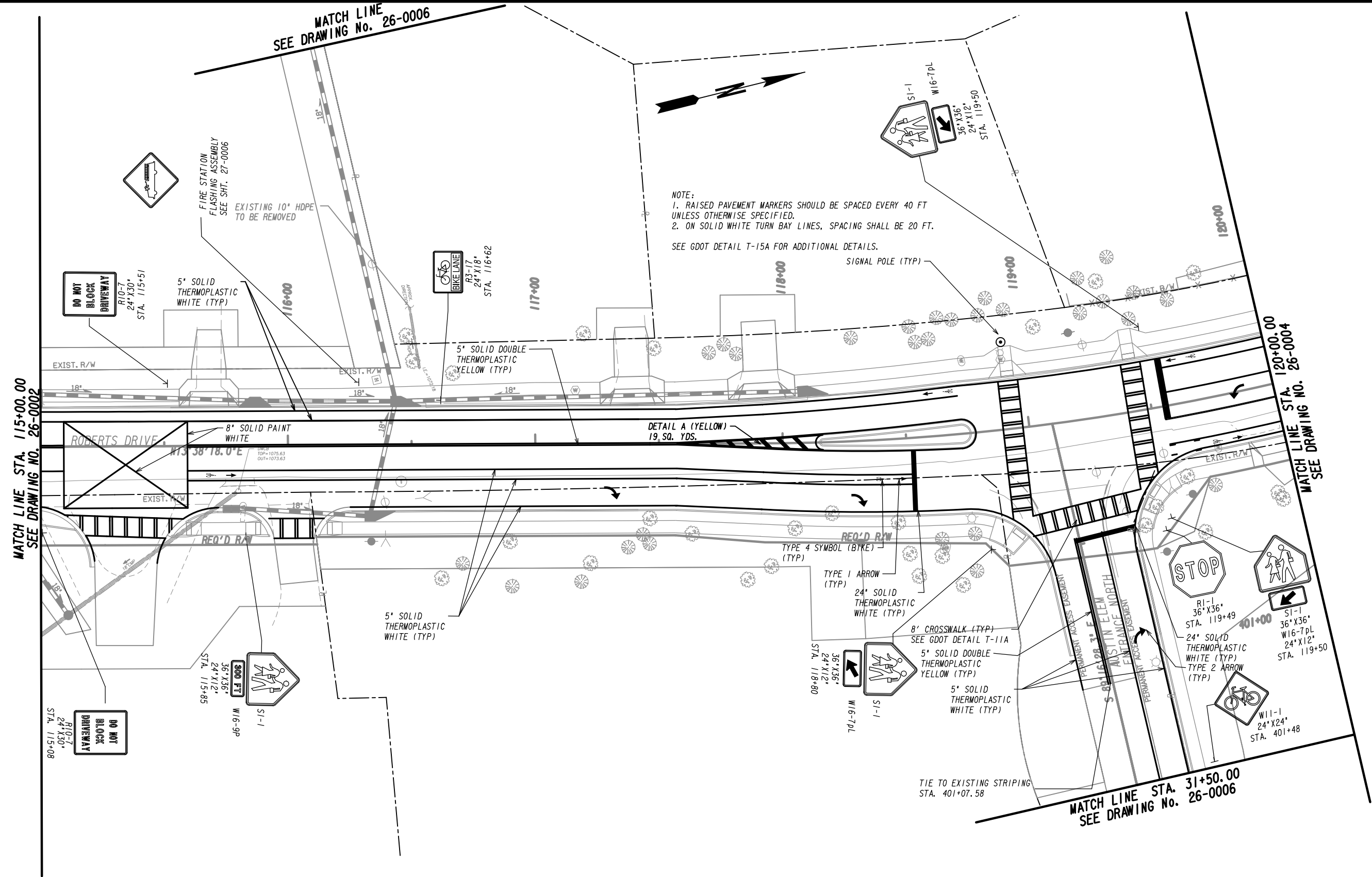


REVISION DATES

NO.	DATE	DESCRIPTION

**CITY OF DUNWOODY**  
SIGNING AND MARKING PLANS  
ROBERTS DRIVE

CHECKED: JKY	DATE: 01/08/19	DRAWING No.
BACKCHECKED: CBR	DATE: 01/10/19	26-0002
CORRECTED: LGC	DATE: 01/22/19	
VERIFIED: CBR	DATE: 01/22/19	



NOTE:  
 1. RAISED PAVEMENT MARKERS SHOULD BE SPACED EVERY 40 FT UNLESS OTHERWISE SPECIFIED.  
 2. ON SOLID WHITE TURN BAY LINES, SPACING SHALL BE 20 FT.  
 SEE GDOT DETAIL T-15A FOR ADDITIONAL DETAILS.

MATCH LINE STA. 115+00.00  
 SEE DRAWING NO. 26-0002

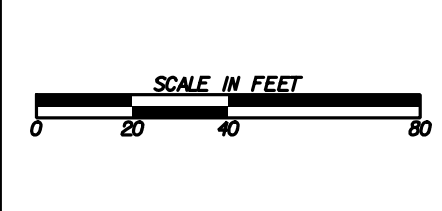
MATCH LINE STA. 120+00.00  
 SEE DRAWING NO. 26-0004

MATCH LINE STA. 31+50.00  
 SEE DRAWING NO. 26-0006

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

**WOLVERTON**  
 Engineering Solutions You Can Trust  
 6745 Sugarloaf Parkway • Suite 100 • Duluth, Georgia 30097  
 Phone: 770-447-8999  
 www.wolvertoninc.com

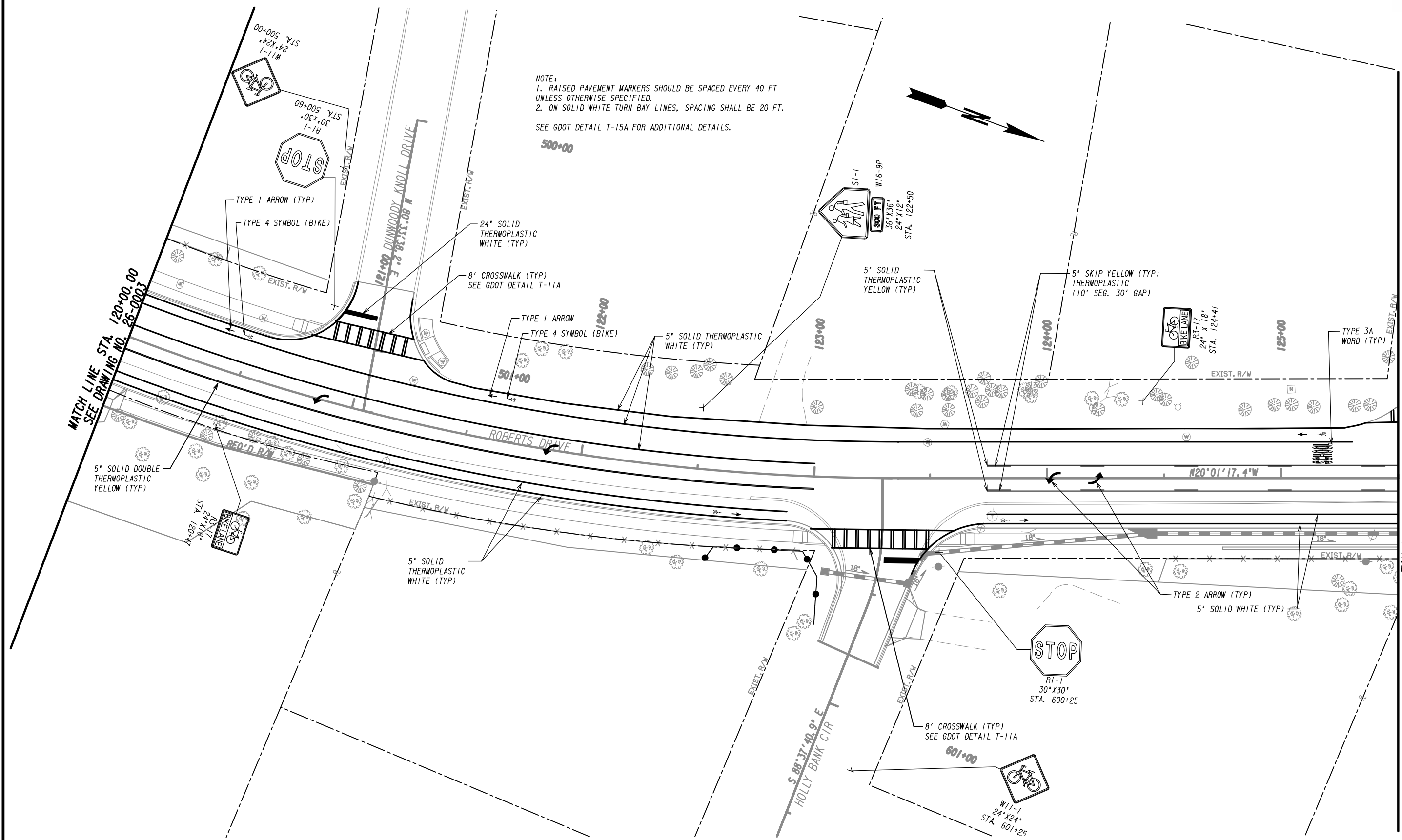


REVISION DATES	

**CITY OF DUNWOODY**  
 SIGNING AND MARKING PLANS  
 ROBERTS DRIVE

CHECKED: JKY	DATE: 01/08/19	DRAWING No.
BACKCHECKED: CBR	DATE: 01/10/19	26-0003
CORRECTED: LGC	DATE: 01/22/19	
VERIFIED: CBR	DATE: 01/22/19	





NOTE:  
 1. RAISED PAVEMENT MARKERS SHOULD BE SPACED EVERY 40 FT UNLESS OTHERWISE SPECIFIED.  
 2. ON SOLID WHITE TURN BAY LINES, SPACING SHALL BE 20 FT.  
 SEE GDOT DETAIL T-15A FOR ADDITIONAL DETAILS.

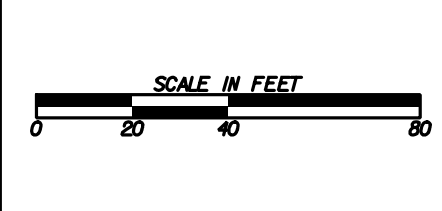
MATCH LINE STA. 120+00.00  
 SEE DRAWING NO. 26-0003

MATCH LINE STA. 125+50.00  
 SEE DRAWING NO. 26-0005

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---

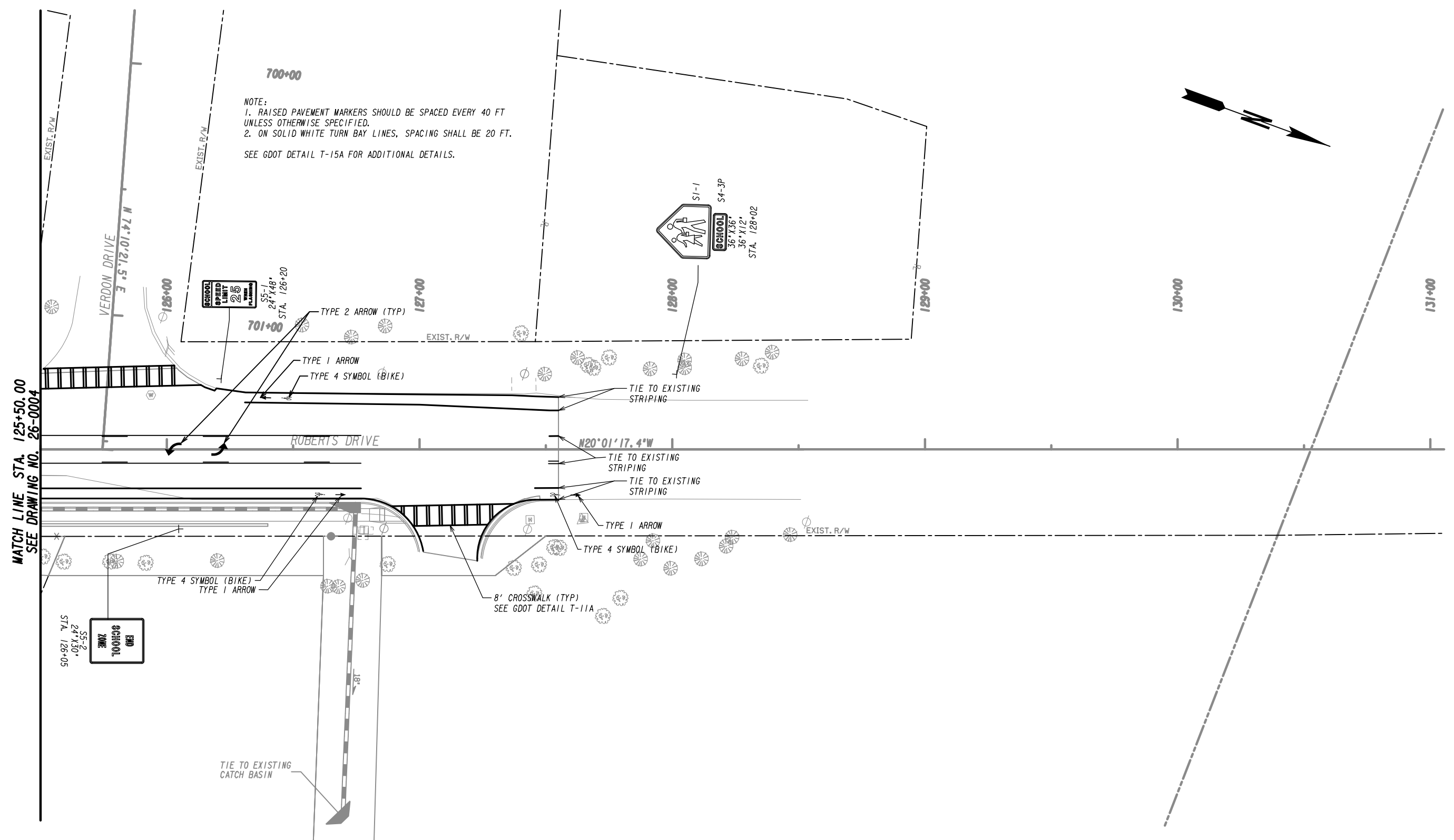
**WOLVERTON**  
 Engineering Solutions You Can Trust  
 6745 Sugarloaf Parkway • Suite 100 • Duluth, Georgia 30097  
 Phone: 770-447-8999  
 www.wolvertoninc.com



REVISION DATES	

**CITY OF DUNWOODY**  
 SIGNING AND MARKING PLANS  
 ROBERTS DRIVE

CHECKED: JKY	DATE: 01/08/19	DRAWING No.
BACKCHECKED: CBR	DATE: 01/10/19	26-0004
CORRECTED: LGC	DATE: 01/22/19	
VERIFIED: CBR	DATE: 01/22/19	



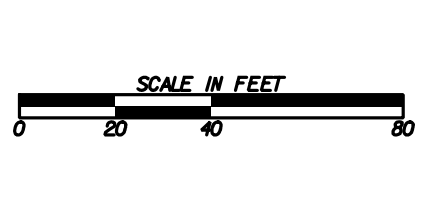
MATCH LINE STA. 125+50.00  
SEE DRAWING NO. 26-0004

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---

**WOLVERTON**  
Engineering Solutions You Can Trust

6745 Sugarloaf Parkway • Suite 100 • Duluth, Georgia 30097  
Phone: 770-447-8999  
www.wolvertoninc.com

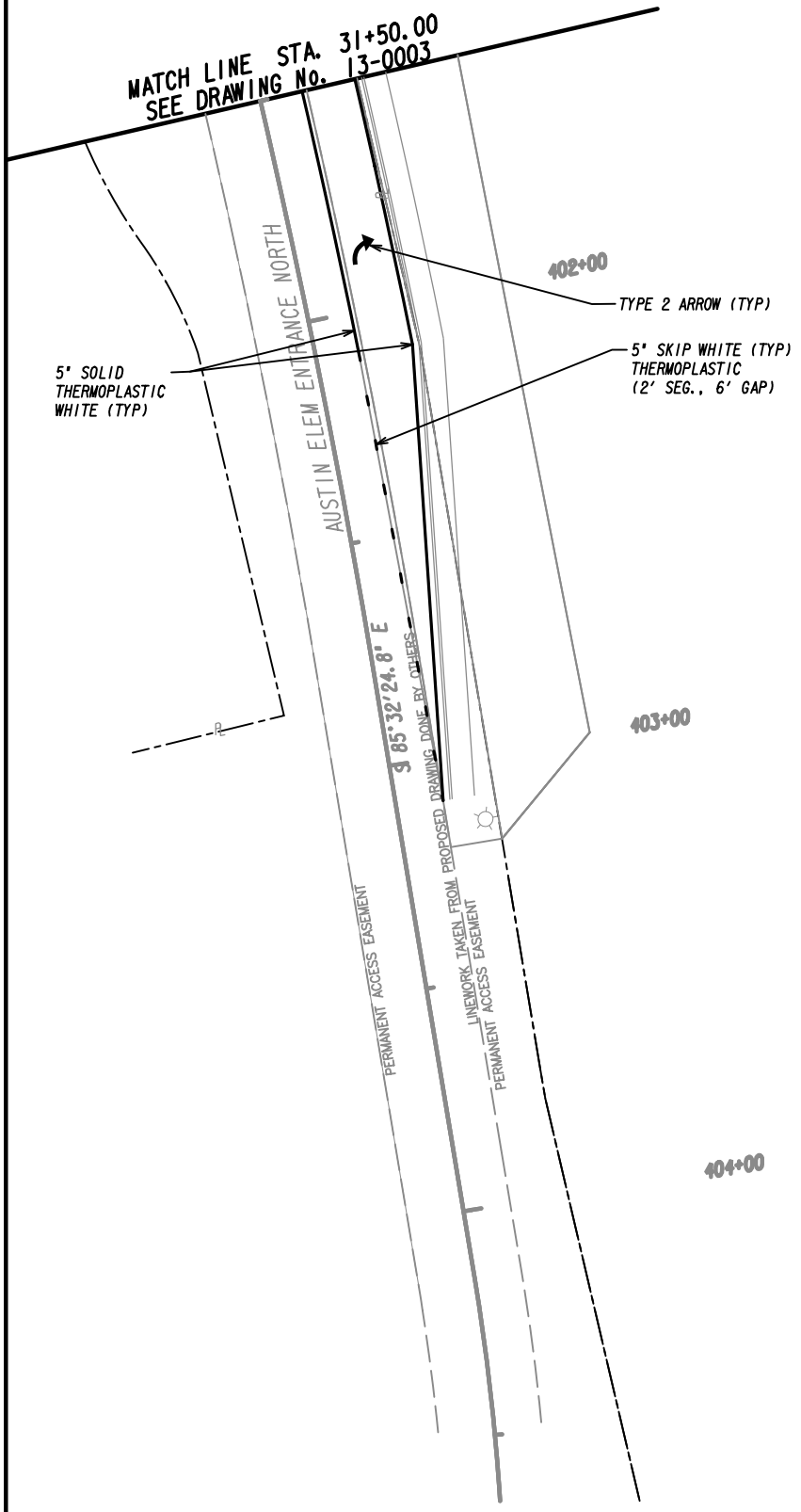
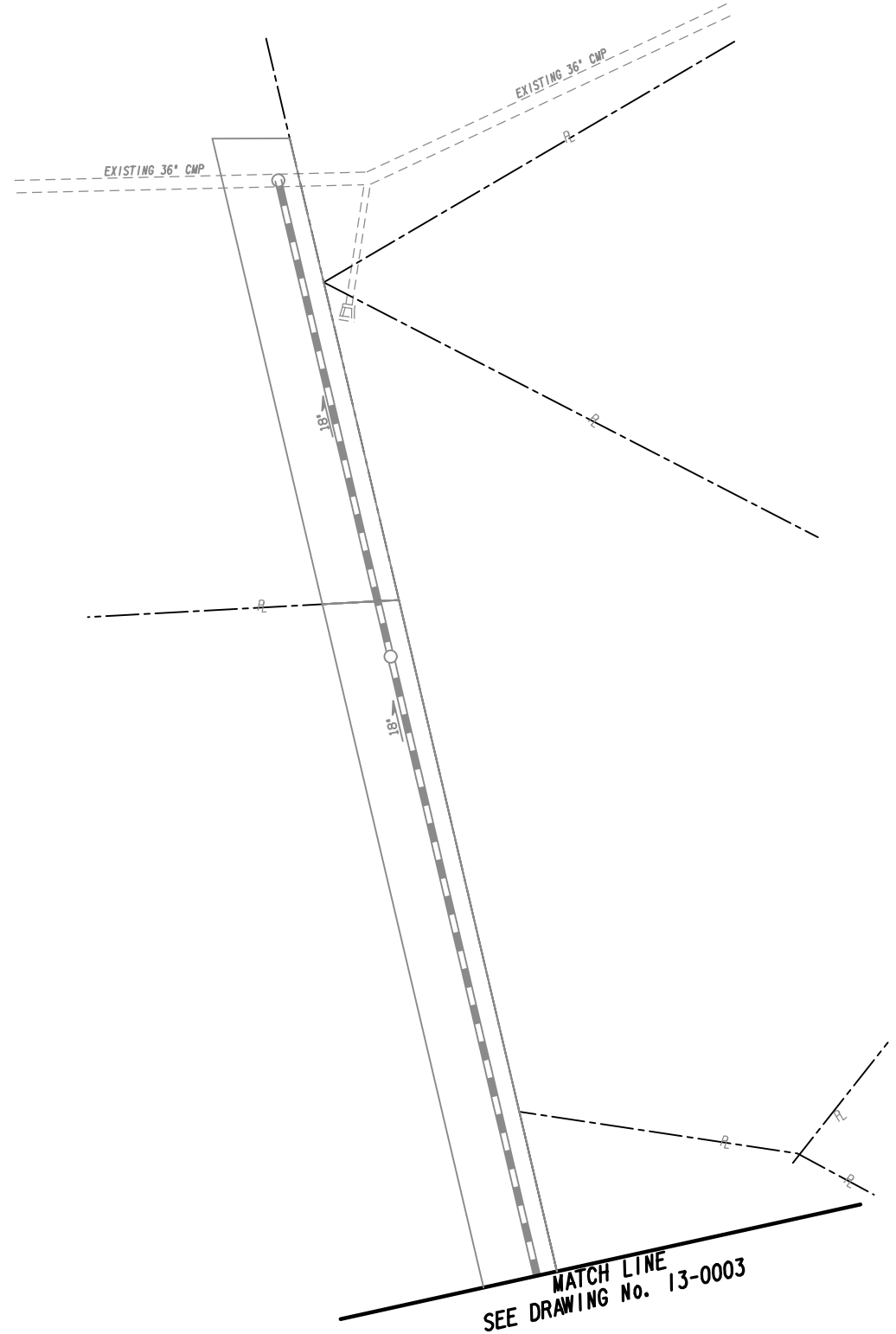


REVISION DATES	

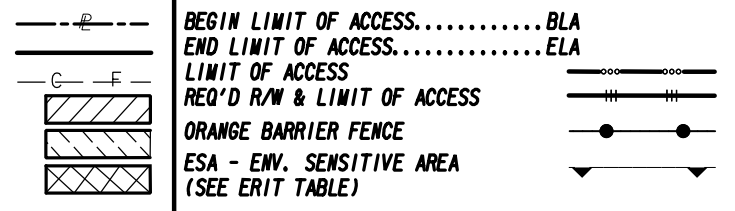
**CITY OF DUNWOODY**

SIGNING AND MARKING PLANS  
ROBERTS DRIVE

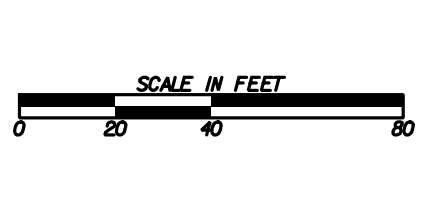
CHECKED: JKY	DATE: 01/08/19	DRAWING No.
BACKCHECKED: CBR	DATE: 01/10/19	26-0005
CORRECTED: LGC	DATE: 01/22/19	
VERIFIED: CBR	DATE: 01/22/19	Project page:



PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



**WOLVERTON**  
 Engineering Solutions You Can Trust  
 6745 Sugarloaf Parkway • Suite 100 • Duluth, Georgia 30097  
 Phone: 770-447-8999  
 www.wolvertoninc.com



REVISION DATES	

**CITY OF DUNWOODY**  
 SIGNING AND MARKING PLANS  
 ROBERTS DRIVE

CHECKED: JKY	DATE: 01/08/19	DRAWING No.
BACKCHECKED: CBR	DATE: 01/10/19	26-0006
CORRECTED: LGC	DATE: 01/22/19	
VERIFIED: CBR	DATE: 01/22/19	Sheet page: