

## ITB 19-01: ROBERTS DRIVE SIGNAL INSTALLATION

### ADDENDUM #1, February 6, 2019

The Bid documents have been modified as follows:

1. Are there any major underground utilities in the project limits? **RESPONSE:** See attached Utility drawings furnished for your information/reference only. Contractor shall be responsible to coordinate required utility re-locations and "Call Before You Dig".
2. Where is the location of the existing power panel that is going to feed the flashers? Outside or Inside? **RESPONSE:** Use the same power source as the signal cabinet. See attached drawing for more details. (See attached plans: Roberts Drive Boring and Roberts Signal dated Feb. 5, 2019)
3. Is there enough space in the existing power panel for the additional circuit? **RESPONSE:** YES
4. Is there a particular brand or model of a 4G Cellular Router that the city prefers? **RESPONSE:** N/A. This device has been omitted from the plan.
5. Who is the city's service provider of cellular service for the routers? **RESPONSE:** N/A. The wireless router is no longer required due to fiber optic cable drop/extension from the adjacent traffic signal at Roberts/Chamblee-Dunwoody Road.
6. Please confirm that all post mounted signs are excluded from the traffic signal scope. **RESPONSE:** Bidders shall include the signs noted on Sheets 27-0003 (R10-5A, R10-3E(L), R10-3(R), S1-1 and D3-1 (1 thru 3)) and 27-0004.
7. Please confirm if the city wants the fire station flasher poles are to black also. **RESPONSE:** YES.
8. Please confirm if the flasher time switch has to be pager programmable or will the city take in consideration a time switch that is not pager programmable? **RESPONSE:** This item has been removed from the project scope. Do not include in your bid proposal.
9. Please confirm that the CPR 2102 is the correct choice for this application. The CPR 2102 is a pager programmable time switch which is intended to run schedules. **RESPONSE:** This item has been removed from the project scope. Do not include in your bid proposal.
10. We have a signal contractor that would like to put in a bid on the Roberts Drive Signal Project as a subcontractor to us -- they do not want to be the Prime for this project. The bid documents have a 50% participation requirement for the prime contractor and since we do not perform signal work in-house can we do one of the following to satisfy the requirement:
  - a. Purchase all the materials for the project and install the Mast arm bases, leaving signal install to our sub.. or.... **RESPONSE:** No
  - b. Utilize an "Employee Lease Agreement" for the entirety of the signal scope? We can provide an example of this option if you like. **RESPONSE:** No
11. The fire station flasher assembly calls for a programmable pager (27-006). Can the city give us information on what programmable pager they need for this? **RESPONSE:** This item has been removed from the project scope. Do not include in your bid proposal.
12. For the fire station flasher assembly what is the desired power method and is there any information on where to get power from if AC is desired? **RESPONSE:** AC power will come from the signal cabinet via conduit. See drawing per Note 2 above.

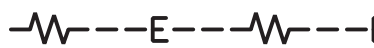
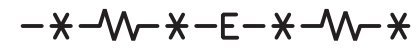


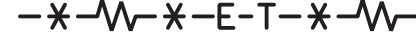











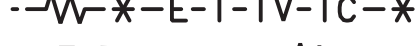




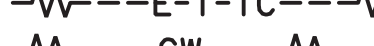
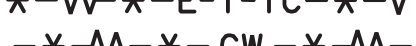








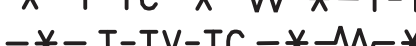








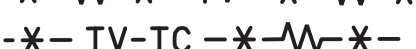


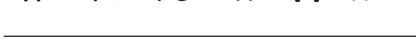








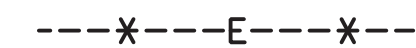

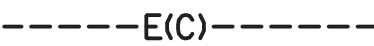






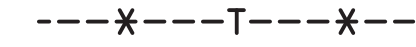

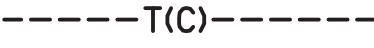

























































































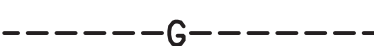
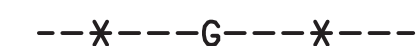








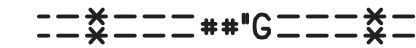










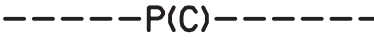
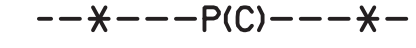






































































ITB 19-01, Roberts Drive Signal Installation  
ADENDUM #1, Feb. 5, 2019

13. The completion time is stated as 180 calendar days from NTP. There are currently two GDOT approved pole manufacturers for mast arm fabrication. The manufacturer with the shortest lead time is 22 weeks to include powder coating. The other manufacturer is quoting 36 – 38 weeks lead time. The lead time for acquiring submittal documents ranges from 1 – 3 weeks between the two. With best possible case scenario of 22 weeks & 2 weeks for submittal documents, 168 calendar days of the allotted 180 days would be used. This does not include the amount of time the City would need to approve or reject the submittals provided. It is highly unlikely enough time would be added to accommodate the second manufacturer's lead time, but would the City consider allotting 220 – 240 calendar days for construction? **RESPONSE:** *The new Austin Elementary School opens on January 2, 2020. The new signal must be operational by then, including 30-day Burn-In. Contract duration shall be revised to 240 days.*
14. The notes for the fire station flasher state the power breaker/disconnect shall be installed on the power pole. Is the contractor to establish a new service point for these flashers or install conduit to the service point for the traffic signal? **RESPONSE:** *The power for the flashers will come from the new signal cabinet.*
15. Where does the conduit to the fire station from the Pull Box, TP 3 terminate? **RESPONSE:** *The conduit to the fire station has been omitted.* Should a pull box be installed outside the fire station for termination by others? **RESPONSE:** *No.* Are the flashers to be push button activated in conjunction with the RTC programmable time switch? **RESPONSE:** *Yes. There will be a wireless push button mounted on the inside wall of the fire station at the truck bays. The RTC programmable switch has been omitted from the scope.*

**Attachments:**

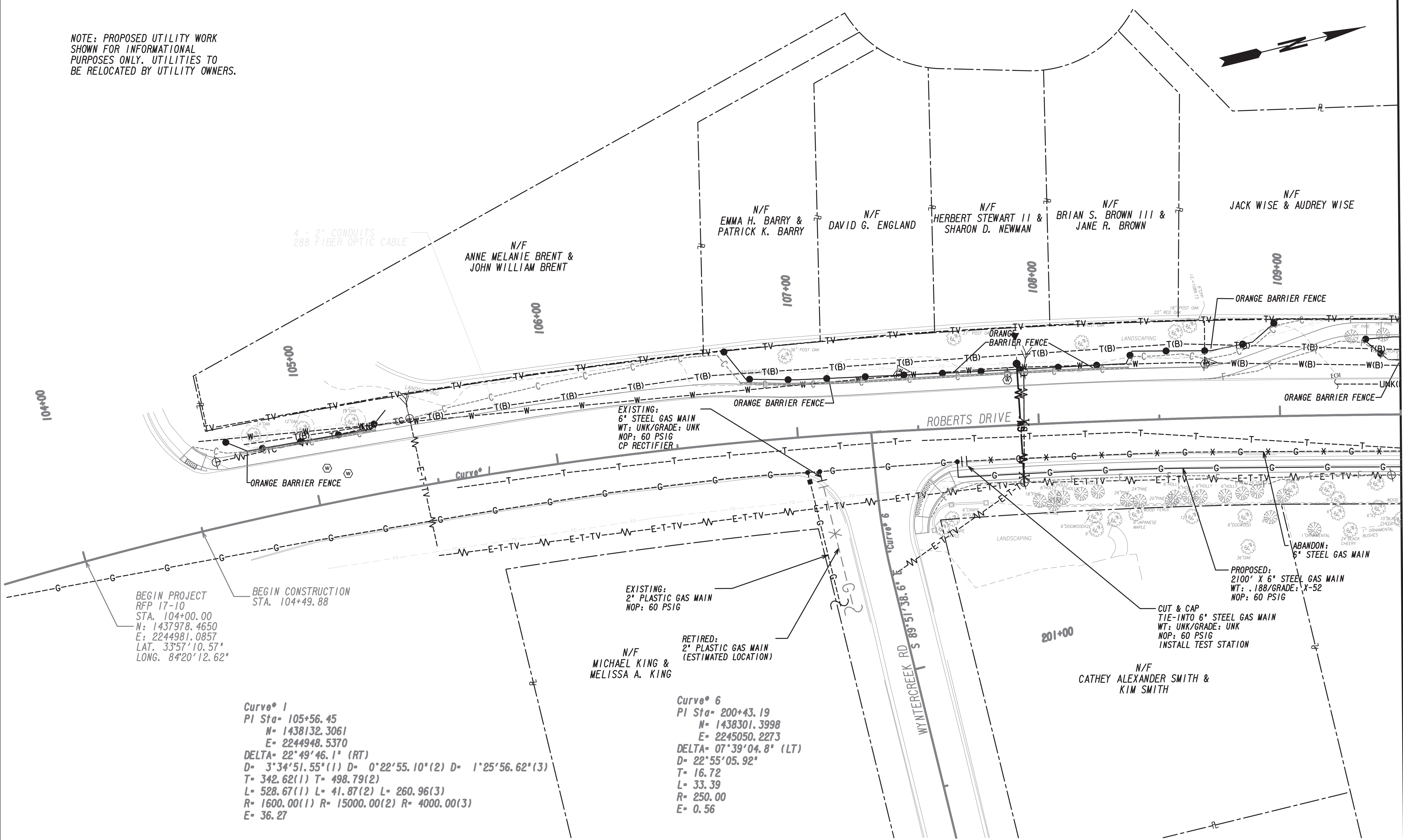
*Utility Plans, 24-000 thru 24-0006, dated 01.22.2019 (for Reference/Information only)*  
*Roberts Drive additional boring/conduit, dated 02.05.2019*  
*Roberts Signal (Fire Station Flasher Assembly), dated 02.05.2019*



EXISTING OVERHEAD	OVERHEAD TO BE REMOVED	PROPOSED OVERHEAD	TYPE OF UTILITY
 E	 E	 E	ELECTRIC
 T	 T	 T	ELECTRIC/TELECOMMUNICATIONS
 TV	 TV	 TV	ELECTRIC/CABLE TV
 TC	 TC	 TC	ELECTRIC/TRAFFIC CONTROL
 E-T	 E-T	 E-T	ELECTRIC/TELECOMMUNICATIONS/CABLE TV
 E-TV	 E-TV	 E-TV	ELECTRIC/TELECOMMUNICATIONS/CABLE TV/TRAFFIC CONTROL
 E-TV-TC	 E-TV-TC	 E-TV-TC	ELECTRIC/CABLE TV/TRAFFIC CONTROL
 E-TV-TC	 E-TV-TC	 E-TV-TC	ELECTRIC/TELECOMMUNICATIONS/TRAFFIC CONTROL
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NOTE: PROPOSED UTILITY WORK  
SHOWN FOR INFORMATIONAL  
PURPOSES ONLY. UTILITIES TO  
BE RELOCATED BY UTILITY OWNERS.



MATCH LINE STA. 109+50.00  
SEE DRAWING No. 24-0002

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

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

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SCALE IN FEET

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40

80

REVISION DATES


CITY OF DUNWOODY

UTILITY PLANS  
ROBERTS DRIVE

CHECKED: JKY  
BACKCHECKED: CBR  
CORRECTED: LGC  
VERIFIED: CBR

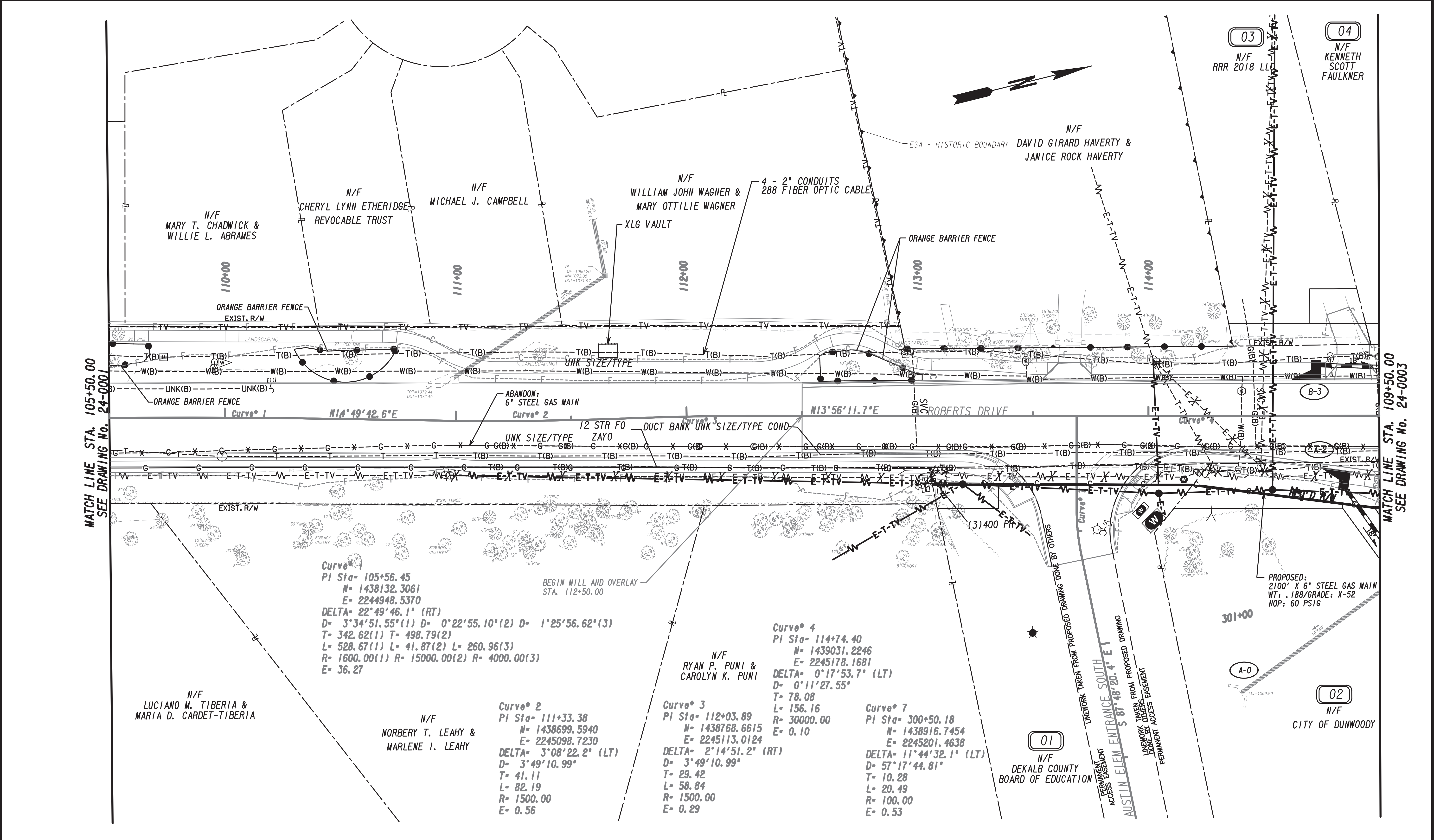
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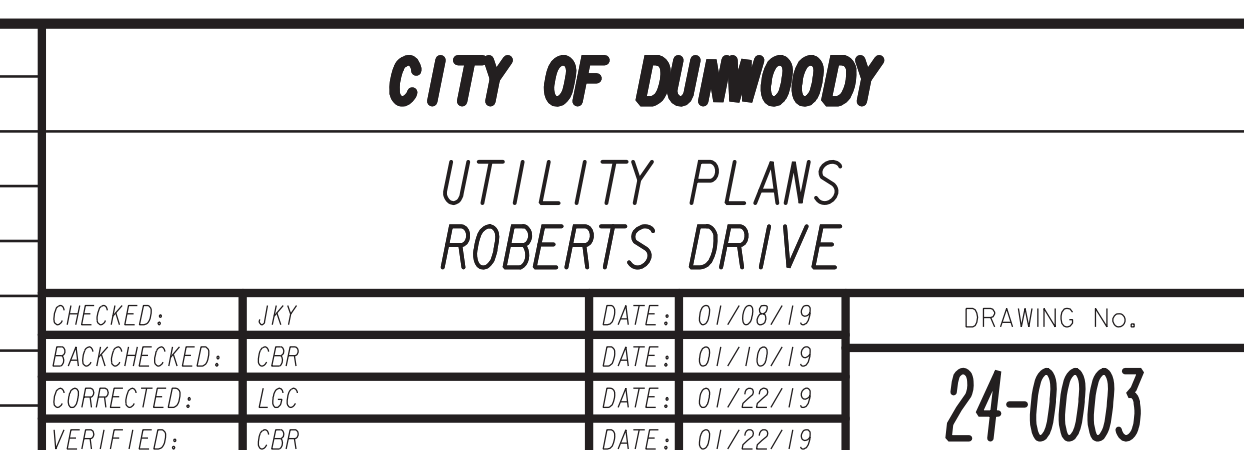


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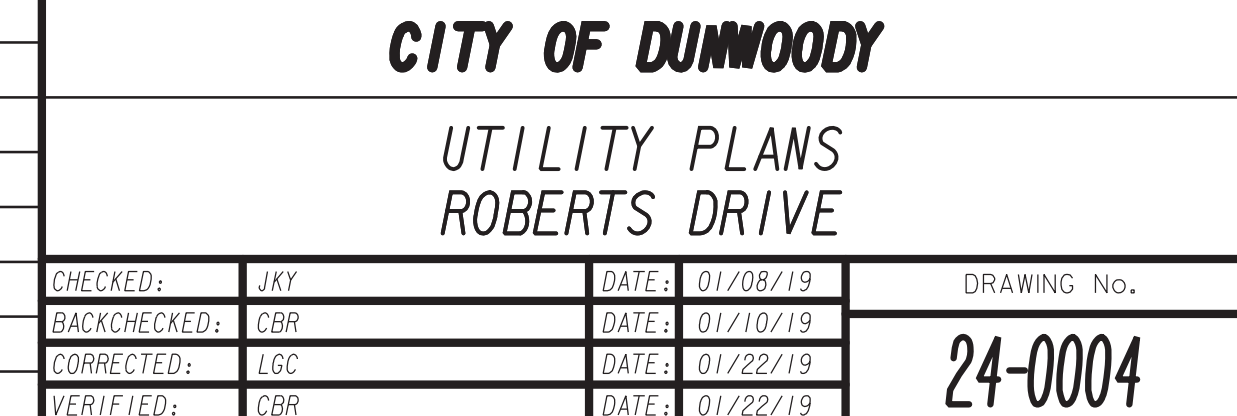
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ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

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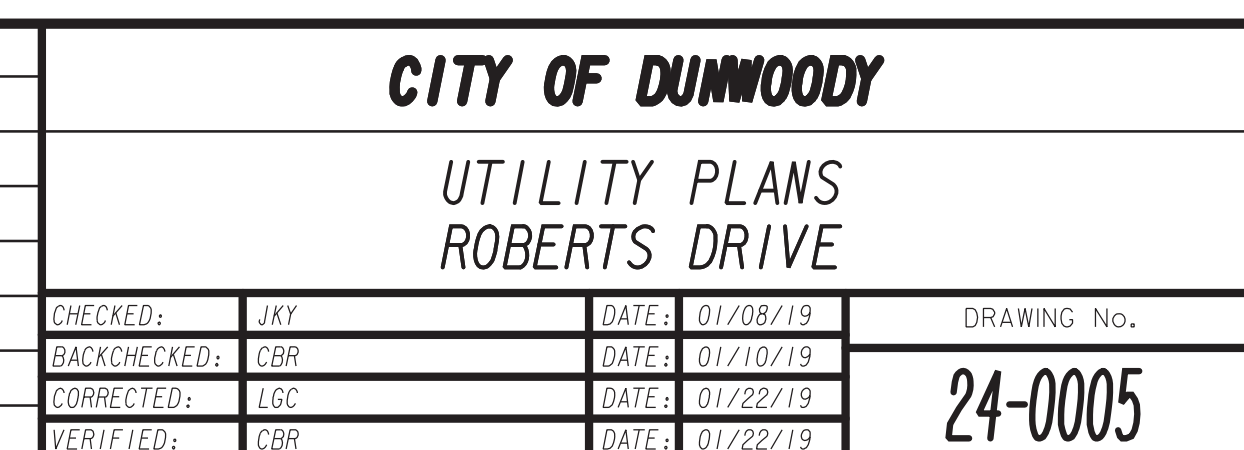




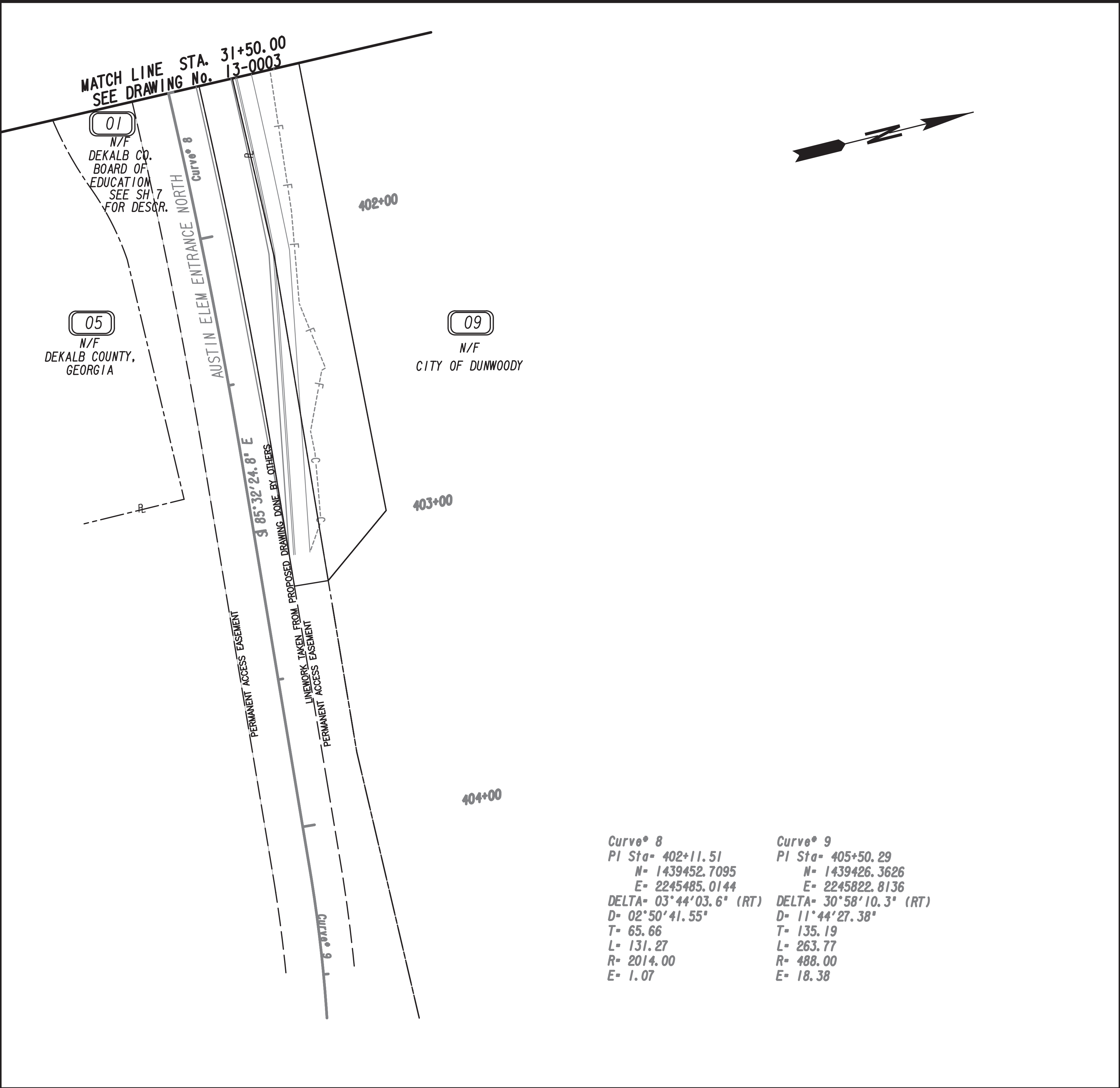
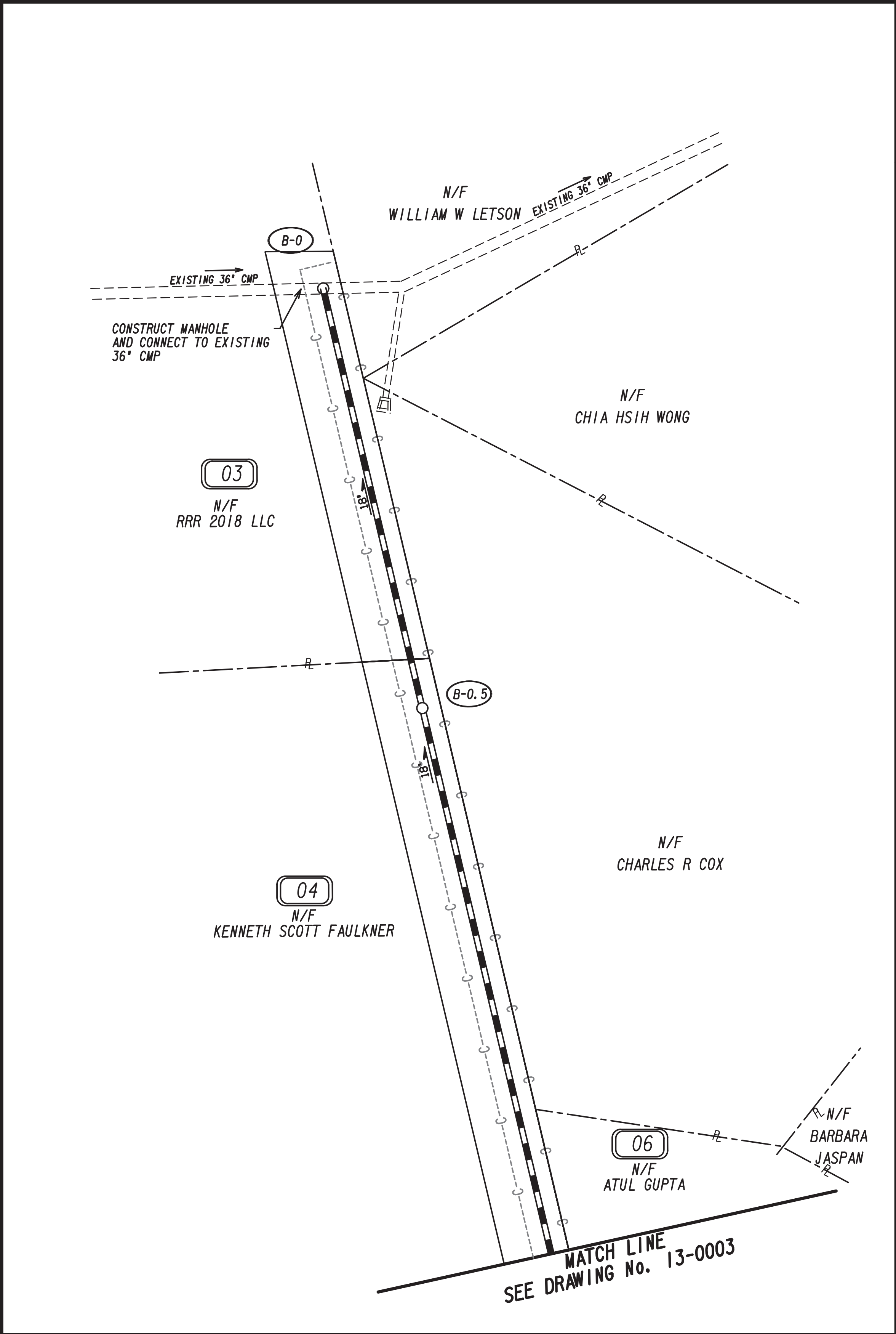












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DELTA= 03°44'03.6" (RT)	DELTA= 30°58'10.3" (RT)
D= 02°50'41.55"	D= 11°44'27.38"
T= 65.66	T= 135.19
L= 131.27	L= 263.77
R= 2014.00	R= 488.00
E= 1.07	E= 18.38

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

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ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

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SCALE IN FEET  
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REVISION DATES			

CITY OF DUNWOODY  
UTILITY PLANS  
ROBERTS DRIVE

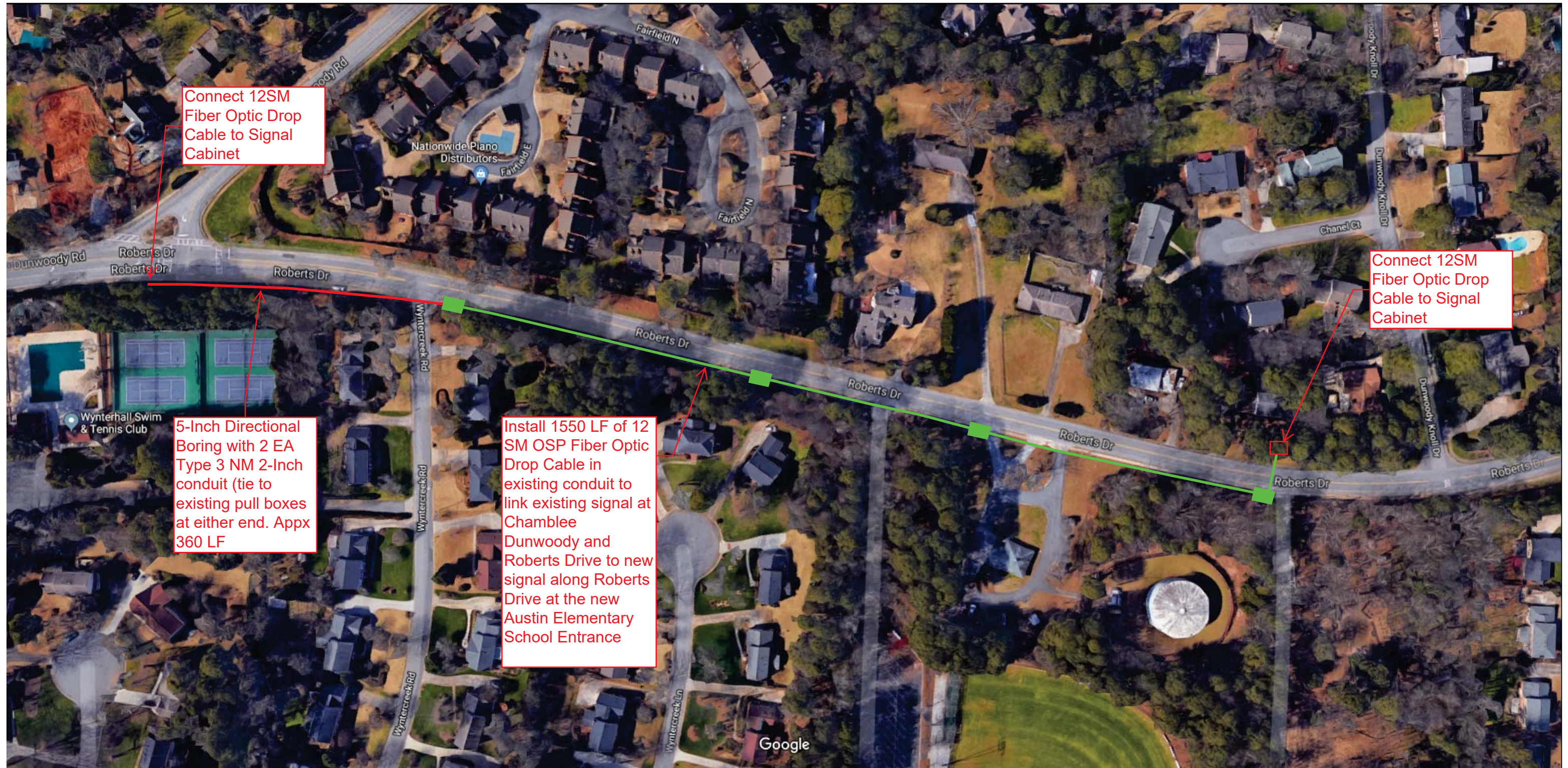
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Imagery ©2019 Google, Map data ©2019 Google 20 m











W11-8  
36" X 36"

1. THE TYPE OF PROPOSED FIRE STATION FLASHER SHALL BE APPROVED BY THE CITY OF DUNWOODY PRIOR TO PURCHASING AND INSTALLATION.
2. THE POST SUPPORTING THE FLASHER SHALL BE POWDER COATED BLACK.
3. THE FLASHER SHALL BE EQUIPPED WITH WIRELESS ACTIVATION CAPABILITIES, SIMILAR TO THE TAPCO BLINKER BEACON OR EQUIVALENT.
4. THE FLASHING INTERVAL SHALL BE DETERMINED BY THE CITY OF DUNWOODY.
5. POWER FOR THE FLASHER SHALL BE ROUTED BACK TO THE TRAFFIC SIGNAL CABINET AT THE INTERSECTION OF ROBERTS DRIVE AT ROBERTS PARK ROAD. THE CITY OF DUNWOODY WILL DETERMINE THE ROUTING OF THE CABLE AND CONDUIT TO CONNECT THE FLASHER WITH THE TRAFFIC SIGNAL CABINET IN THE FIELD.






FLASHING WARNING ASSEMBLY SHALL INCLUDE PEDESTAL POLE, FOUNDATION, GROUND ROD, SIGNAL HEADS, SIGNS AND BRACKETS.

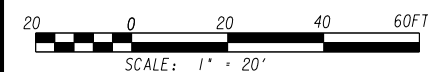
- A. 1 EA ALUMINUM SQUARE BASE ASSY. W/ALUMINUM DOOR, PELCO PB-5335, OR EQUIV.  
(SHALL BE POWDER COATED BLACK)
- B. 1 EA. POLE COLLAR ASSY., PELCO PB-5325, OR EQUIV.
- C. 1 EA. SPUN ALUMINUM POLE, SCH 40, 13 FEET LONG, 4 1/2" O.D. X .237 WALL, PELCO PB-5100-13, OR EQUIV. (SHALL BE POWDER COATED BLACK)
- D. 2 EA. SIGNAL BRACKET ASSY., 4" POLE SIDE MOUNT, PELCO SE-5053, OR EQUIV.
- E. 2 EA. SIGNAL CLOSURE CAP, 1 1/2" X 2" THREADED, PELCO SE-0442, OR EQUIV.
- F. 2 EA. NEOPRENE GASKET, PELCO SE-0354, OR EQUIV.
- G. 2 EA. HEX NUT, 1 1/2", PELCO SE-4017, OR EQUIV.
- H. 2 EA. U-BOLT SIGN CLAMP, PELCO SH-0206, OR EQUIV.
- I. 1 EA. CABINET MOUNTING ASSY, 4" POLE, PELCO SE-1100 OR EQUIV.
- J. 1 EA. POLE CAP, ALUM., ACORN TYPE, PELCO PB-5401, OR EQUIV.
- K. 2 EA. 1-SECTION, 12" TRAFFIC SIGNAL HEAD, PLASTIC, BLACK, W/5MM PIXELATED LENS
- L. 1 EA. W11-8 SIGN, 36" X 36", TP 2 MATL, REFL SHEETING TP 9

### SIGNAL LEGEND

 <p>PROPOSED SIGNAL HEAD</p>	 <p>PROPOSED 4-SECTION SIGNAL HEAD</p>
 <p>EXISTING SIGNAL HEAD</p>	 <p>PROPOSED 5-SECTION OR 4-SECTION SIGNAL HEAD</p>
 <p>RELOCATED SIGNAL HEAD</p>	 <p>PEDESTRIAN SIGNAL HEAD</p>

**DETECTION LEGEND**

	PROPOSED INDUCTANCE LOOP
	PROPOSED VIRTUAL DETECTION ZONE
	PROPOSED VIDEO DETECTION CAMERA
	PROPOSED MAGNETOMETER
	PROPOSED RADAR

[illegible]

<b>SIGNAL PLANS</b>			
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