

South Main Street Improvements

for

City of Hinesville

Liberty County, Georgia

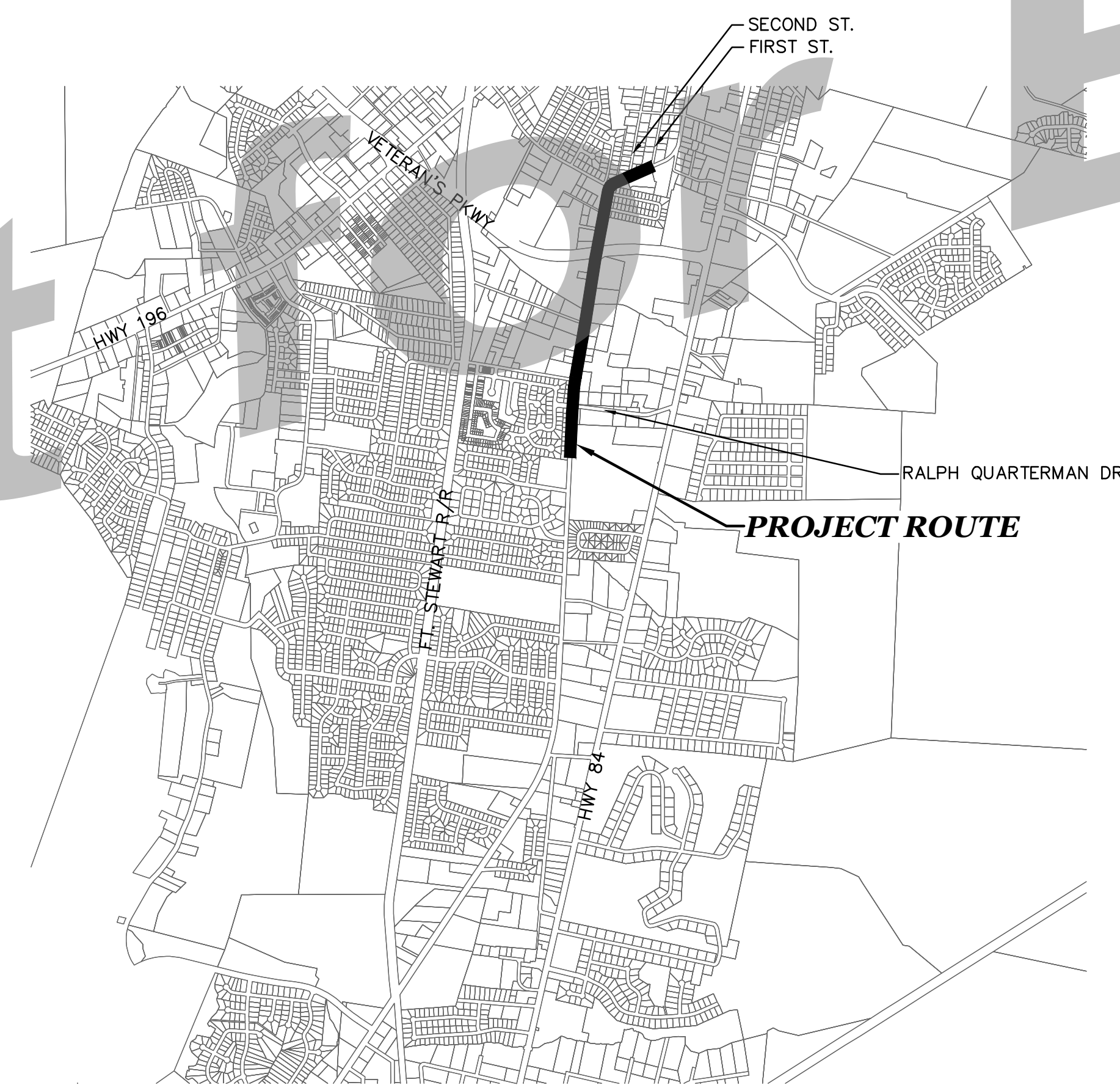
Date: December 14, 2021

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GENERAL NOTES

1. ALL EXISTING UTILITIES SHOWN ARE LOCATED FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL FIELD LOCATION AND PROTECTION OF EXISTING UTILITIES. OVERHEAD LINES ARE NOT SHOWN FOR CLARITY.
2. ALL DISTURBED AREAS TO BE RE-VEGETATED IMMEDIATELY AFTER CONSTRUCTION, IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.
3. ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY PROPERTY CORNERS, RIGHT OF WAY MONUMENTS, SIGNS OR OTHER STRUCTURES DISTURBED DURING CONSTRUCTION.
5. ALL TRAFFIC AND SIGNAGE CONTROL SHALL BE IN ACCORDANCE WITH THE TRAFFIC CONTROL MANUAL GUCC, CURRENT EDITION.
6. ALL STREET AND INFRASTRUCTURE INSTALLATION TO BE IN ACCORDANCE WITH CITY OF HINESVILLE DEVELOPMENT STANDARDS.



DRAWING LEGEND		
DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER		
UNDERGROUND WATER LINE		
FORCE MAIN		
STORM DRAINAGE PIPE		
UNDERGROUND TELEPHONE LINE		
UNDERGROUND TELEPHONE CONDUIT		
UNDERGROUND GAS LINE		
DITCH CENTERLINE		
TOP OF CURB & GUTTER ELEVATIONS		
SPOT ELEVATION		
FIRE HYDRANT		
SEWER MANHOLE		
WATER VALVE		
TELEPHONE MANHOLE		
LIGHT POLE		
SIGN		
WATER METER		
BENCHMARK		
CONCRETE MONUMENT FOUND		
GUY POLE		
IRON PIN FOUND		
IRON PIN SET		
TELEPHONE PEDESTAL		
POWER POLE		
HANDICAP SPACE		
SEDIMENT BASIN MARKER W/NOTCH		

24 HOUR CONTACT

CURLES BUTLER
LIBERTY CONSOLIDATED
PLANNING COMMISSION
100 MAIN ST #7520
HINESVILLE, GA 31313
TEL: (912) 213-5323
cbutler@thelcpc.org

OWNER/AGENT

CITY OF HINESVILLE
CONTACT: KENNETH HOWARD
(CITY MANAGER)
115 EAST M.L. KING, JR. DRIVE
HINESVILLE, GA 31313
TEL: (912) 876-3564
khoward@cityofhinesville.org

PRIMARY PERMITTEE

CITY OF HINESVILLE
CONTACT: KENNETH HOWARD
(CITY MANAGER)
115 EAST M.L. KING, JR. DRIVE
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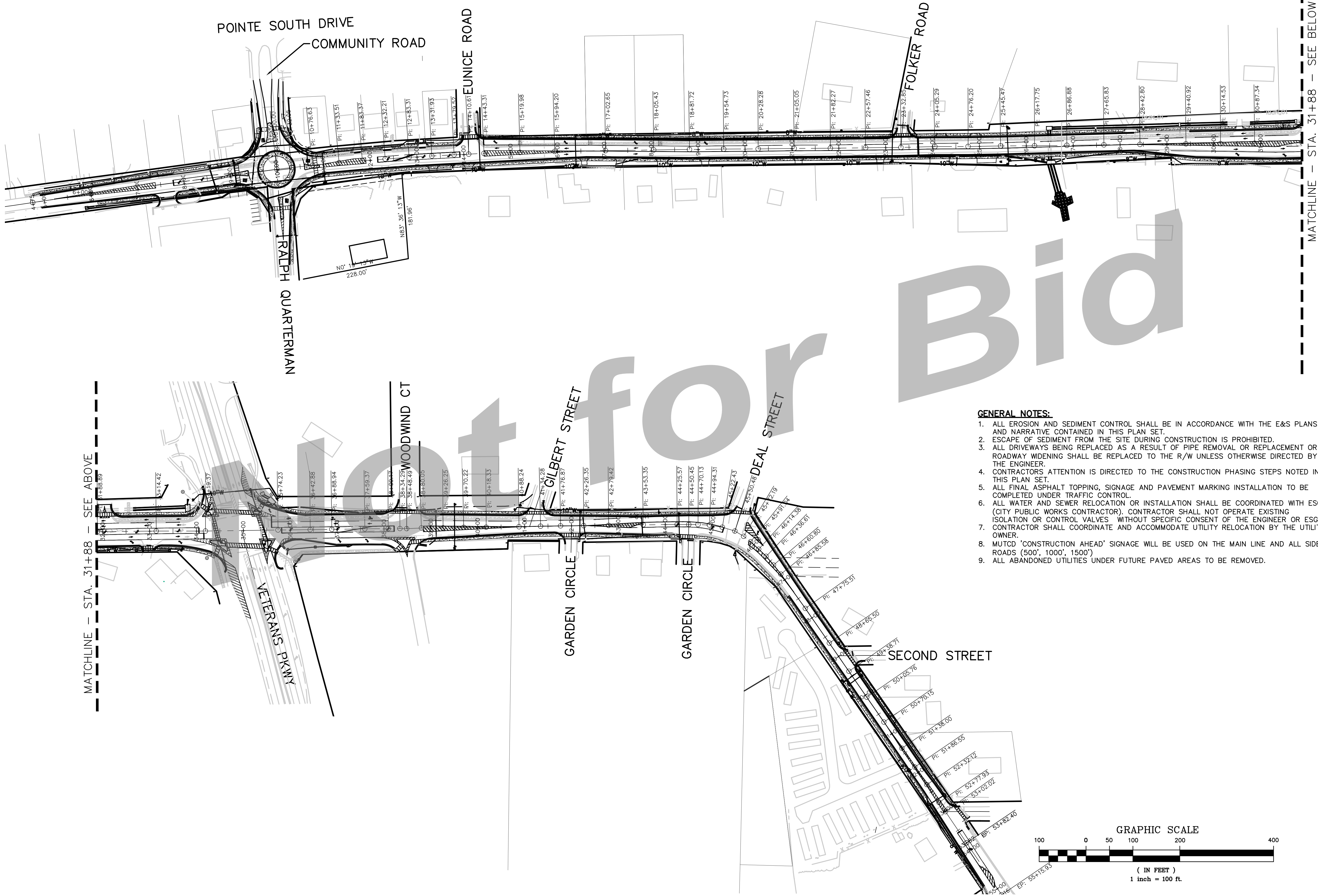
START PROJECT: 31.8194, -81.6054
END PROJECT: 31.8312, -81.6007



JOB NO. 2010-45PRJ

REVISION NO.	DATE	DESCRIPTION
	6-6-22	added utility cross sections & edited utility alignments

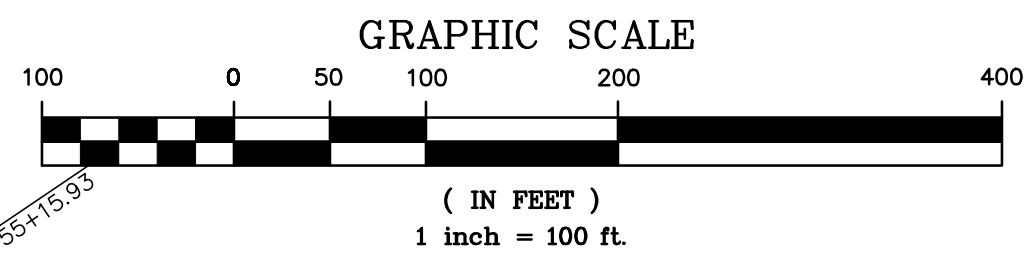
MATCHLINE - STA. 31+88 - SEE ABOVE



MATCHLINE - STA. 31+88 - SEE BELOW

GENERAL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH THE E&S PLANS AND NARRATIVE CONTAINED IN THIS PLAN SET.
2. ESCAPE OF SEDIMENT FROM THE SITE DURING CONSTRUCTION IS PROHIBITED.
3. ALL DRIVEWAYS BEING REPLACED AS A RESULT OF PIPE REMOVAL OR REPLACEMENT OR ROADWAY WIDENING SHALL BE REPLACED TO THE R/W UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. CONTRACTORS ATTENTION IS DIRECTED TO THE CONSTRUCTION PHASING STEPS NOTED IN THIS PLAN SET.
5. ALL FINAL ASPHALT TOPPING, SIGNAGE AND PAVEMENT MARKING INSTALLATION TO BE COMPLETED UNDER TRAFFIC CONTROL.
6. ALL WATER AND SEWER RELOCATION OR INSTALLATION SHALL BE COORDINATED WITH ESG (CITY PUBLIC WORKS CONTRACTOR). CONTRACTOR SHALL NOT OPERATE EXISTING ISOLATION OR CONTROL VALVES WITHOUT SPECIFIC CONSENT OF THE ENGINEER OR ESG.
7. CONTRACTOR SHALL COORDINATE AND ACCOMMODATE UTILITY RELOCATION BY THE UTILITY OWNER.
8. MUTCD 'CONSTRUCTION AHEAD' SIGNAGE WILL BE USED ON THE MAIN LINE AND ALL SIDE ROADS (500', 1000', 1500').
9. ALL ABANDONED UTILITIES UNDER FUTURE PAVED AREAS TO BE REMOVED.



Overall

DATE: August 17, 2020
FILE NO: 2010-45PRU
SHEET: C1.0

South Main Street Widening

for
The City of Hinesville

Liberty County, Georgia



SIMONTON ENGINEERING

1050 PARKSIDE COMMONS
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912-244-7800
www.simontonengineering.com

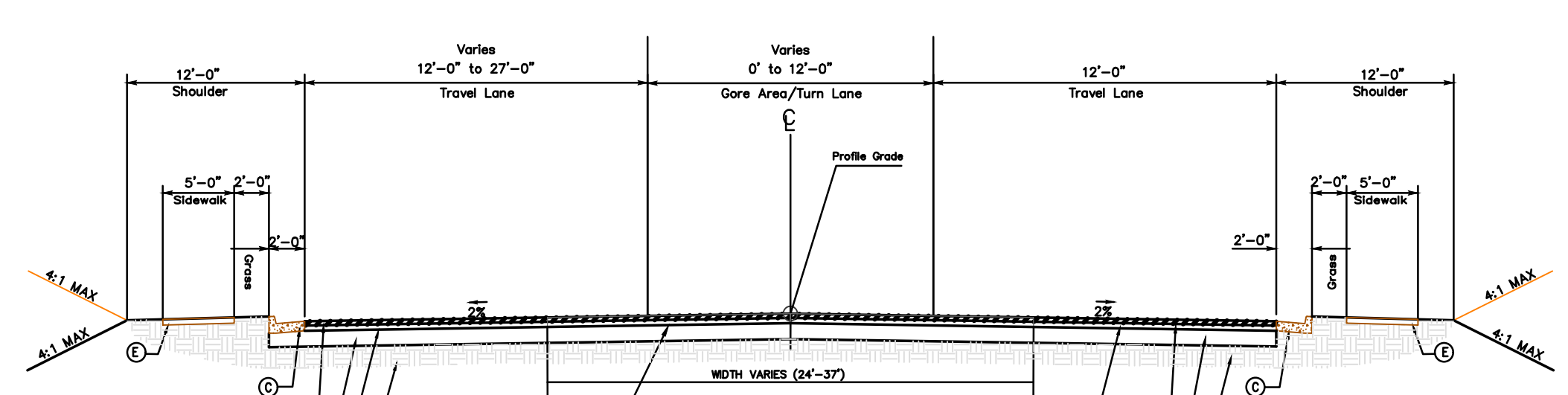
Level II Certification No. 935
Expiration Date: 10-01-23



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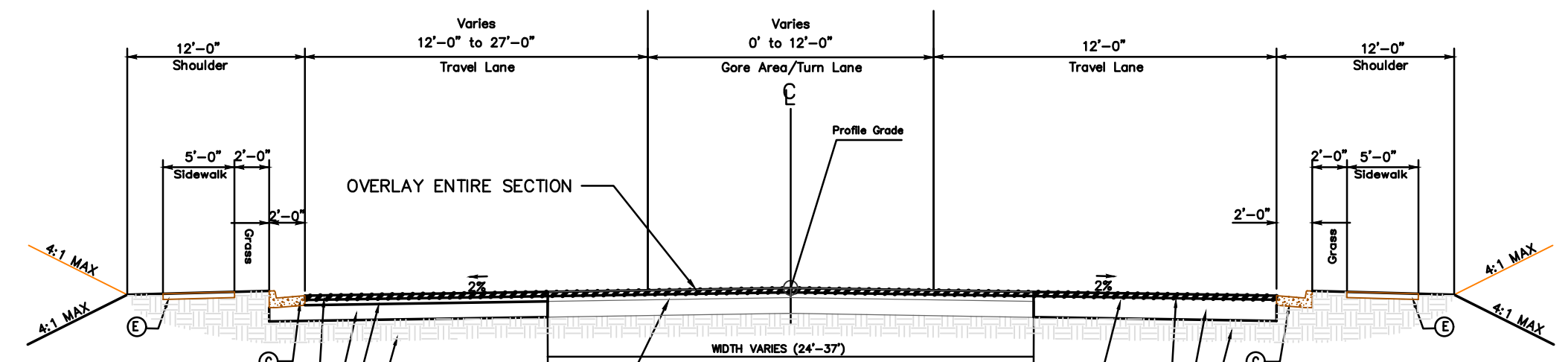
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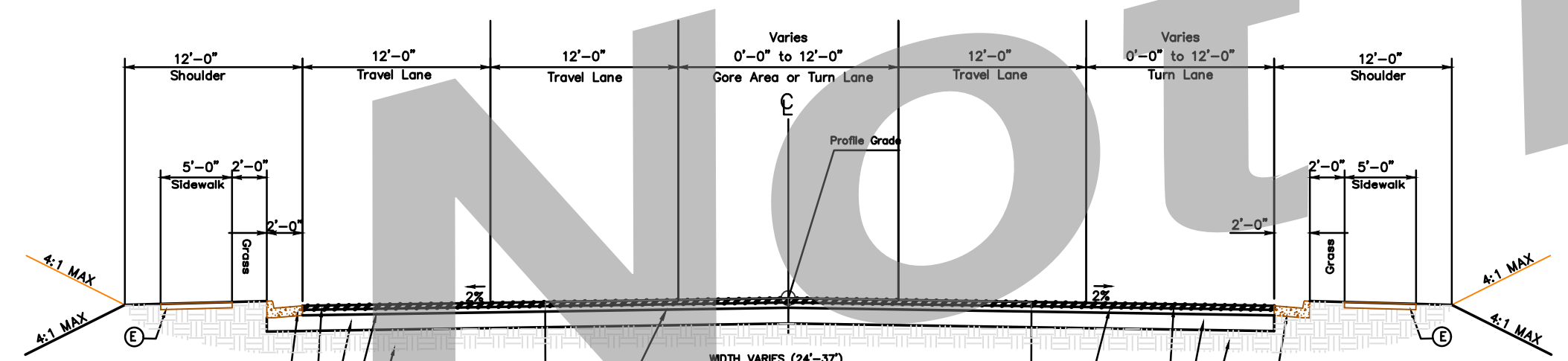
TYPICAL SECTION LEGEND

- Ⓐ PROPOSED 12.5 mm SUPERPAVE 220 LB/SY (2") OVER ENTIRE SECTION (SEE GRADING PLAN FOR SLOPES = 0.30% MIN.)
- Ⓑ PROPOSED 8" COMPACTED GRANULAR CRUSHER RUN BASE 100% MODIFIED PROCTOR (WIDTH TO BE DETERMINED BY THE ENGINEER IN THE FIELD)
- Ⓒ PROPOSED STANDARD 6" X 24" CONCRETE CURB AND GUTTER (SEE DETAIL SHEET CB.2)
- Ⓓ SUBGRADE COMPACTED TO 95% STD PROCTOR
- Ⓔ 4" CONCRETE SIDEWALK (SEE DETAIL SHEET CB.2)
- Ⓕ PROPOSED 19 mm 2" ASPHALT BINDER



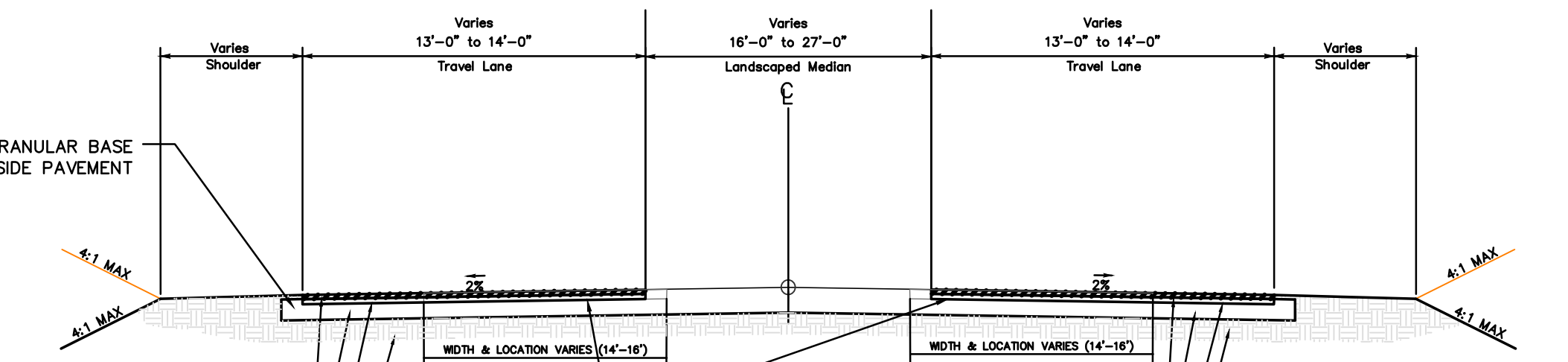
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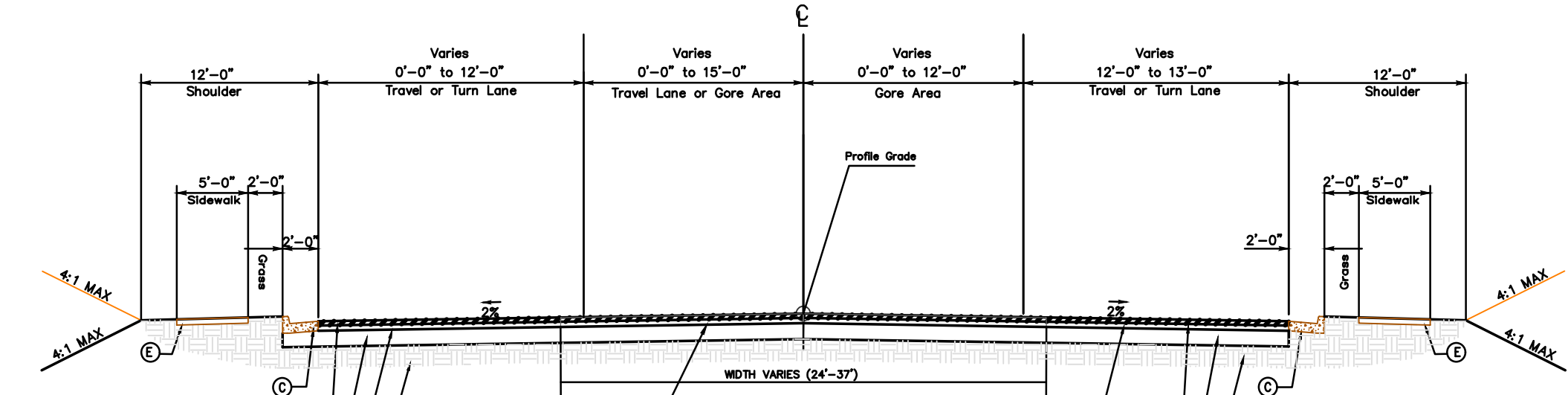
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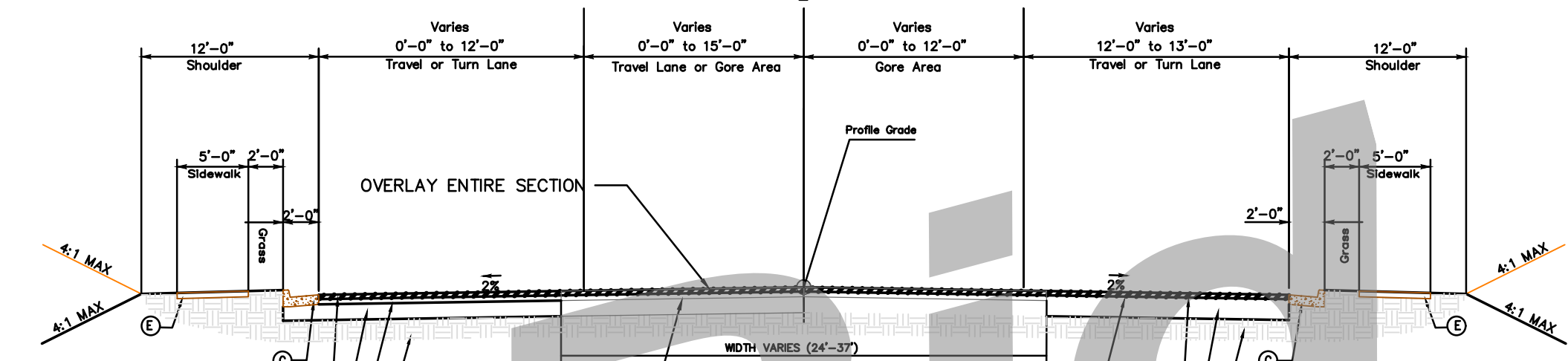
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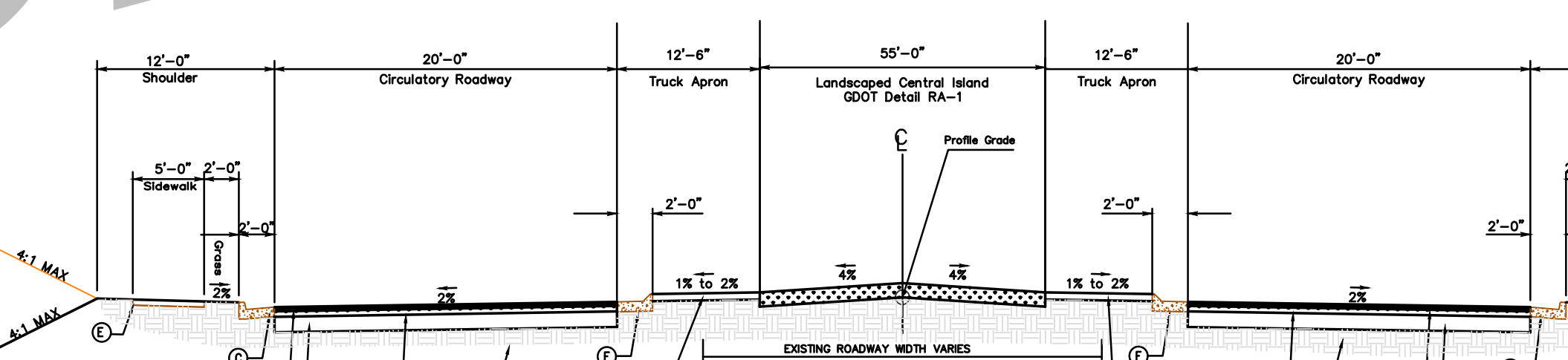
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- Ⓓ SUBGRADE COMPACTED TO 95% STD PROCTOR
- Ⓔ 4" CONCRETE SIDEWALK (SEE DETAIL SHEET CB.2)
- Ⓕ PROPOSED ROLLER CONCRETE CURB AND GUTTER (SEE DETAIL SHEET CB.2)
- Ⓖ PROPOSED CONCRETE PAVEMENT, 10" THK. SLAB THICKNESS
- Ⓗ PROPOSED 19 mm 2" ASPHALT BINDER

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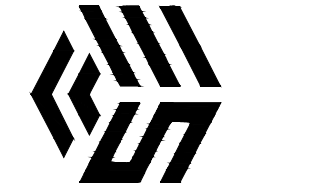
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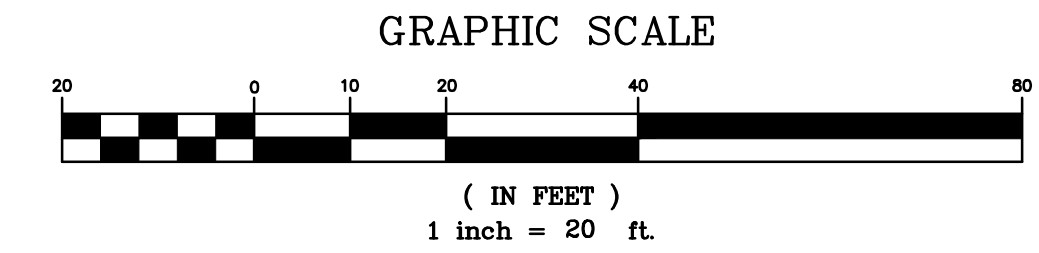
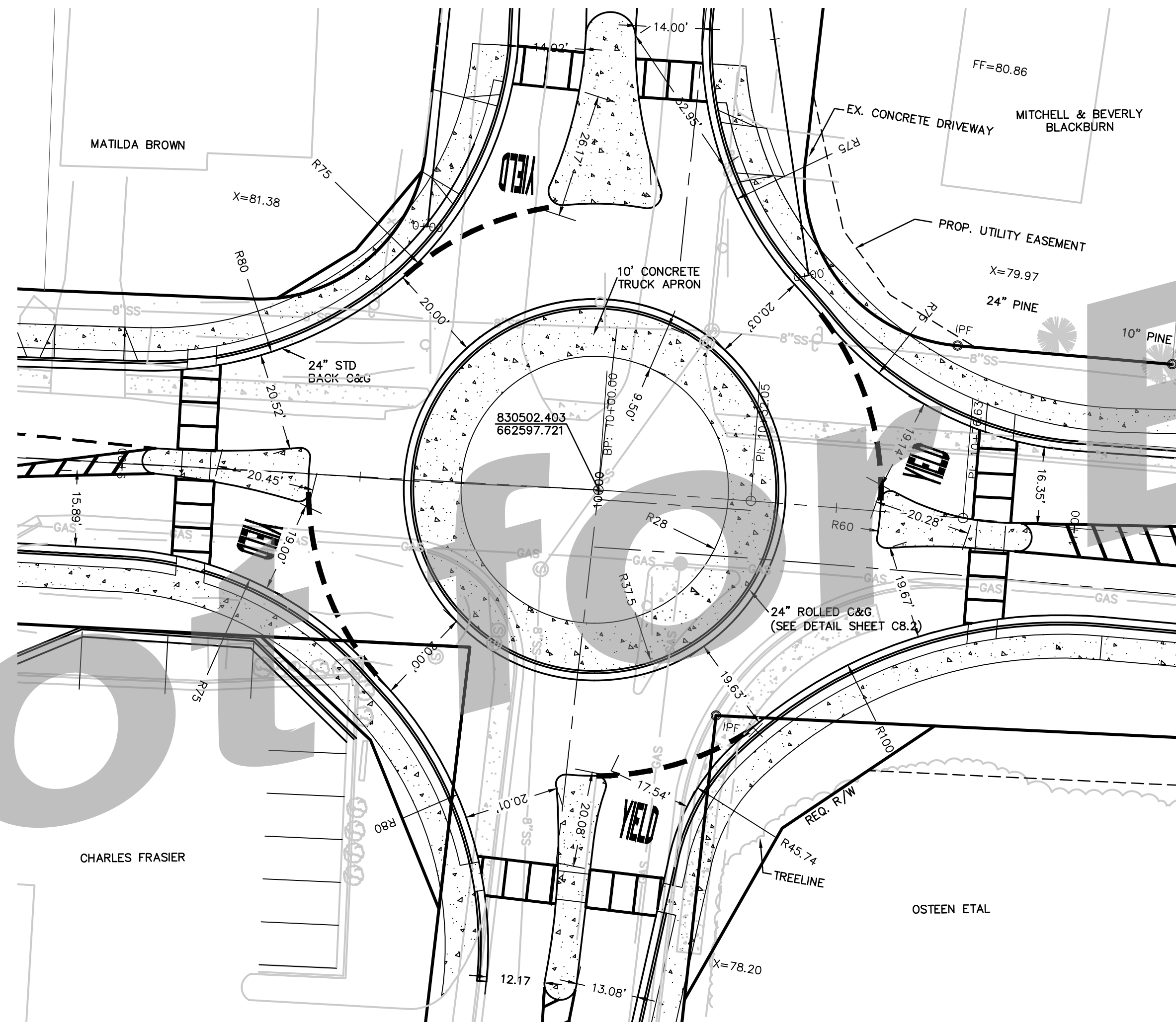
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South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Typical Sections
DATE: August 17, 2020
FILE NO: 2010-45PRI
SHEET: C1.1

Not for Bid



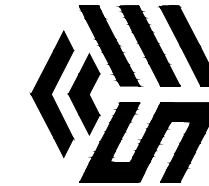
Roundabout Plan

DATE: August 17, 2020
 FILE NO: 2010-45PRI
 SHEET: C2.0

South Main Street Widening

for
 The City of Hinesville

Liberty County, Georgia



**SIMONTON
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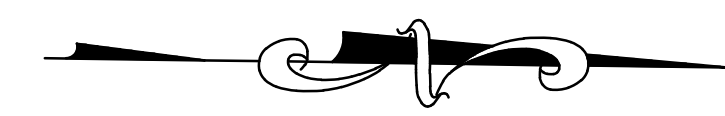
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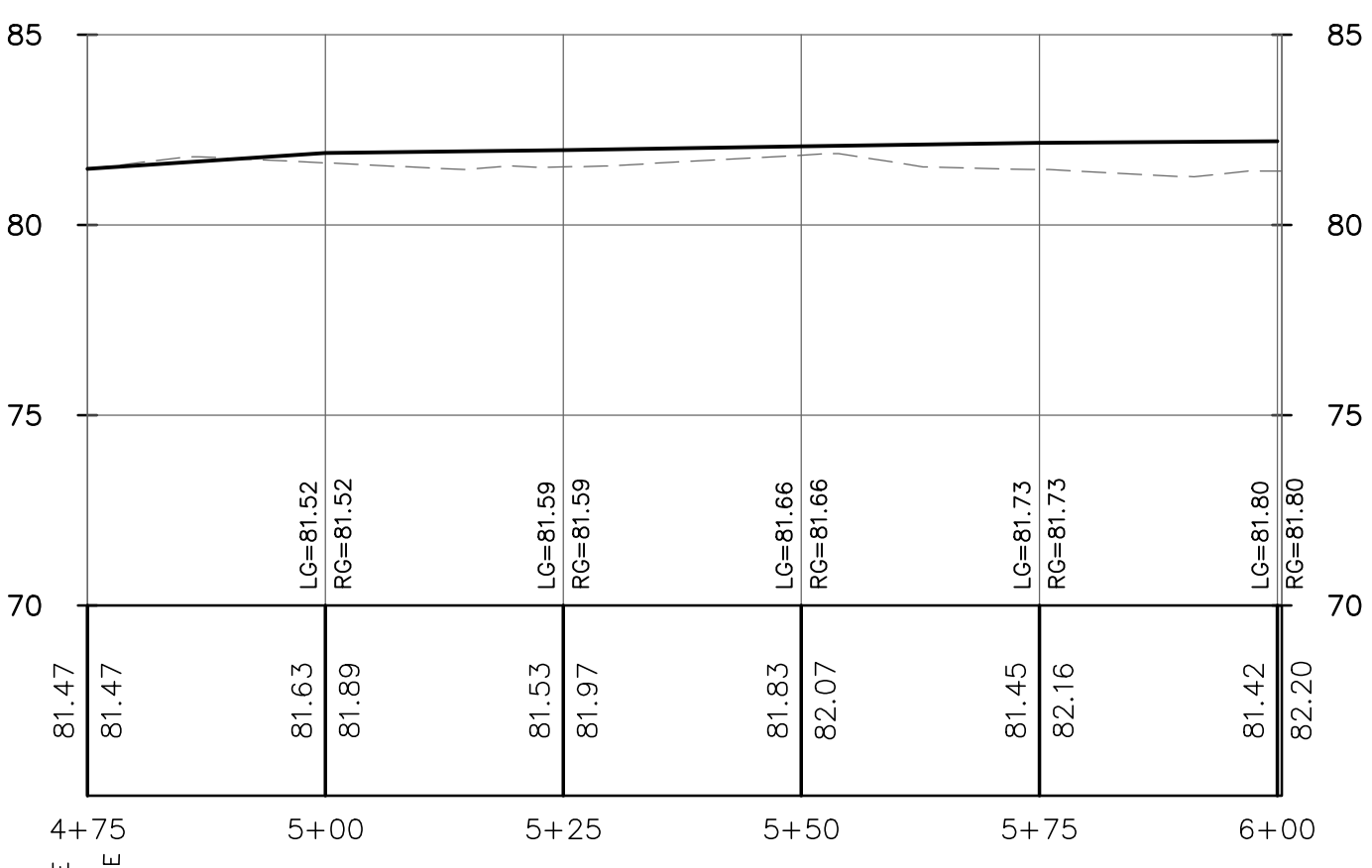


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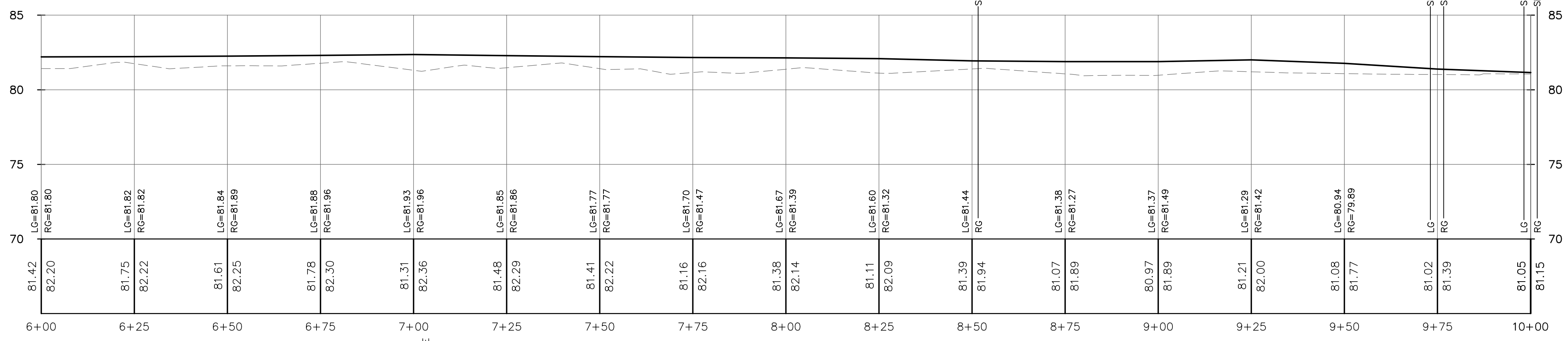
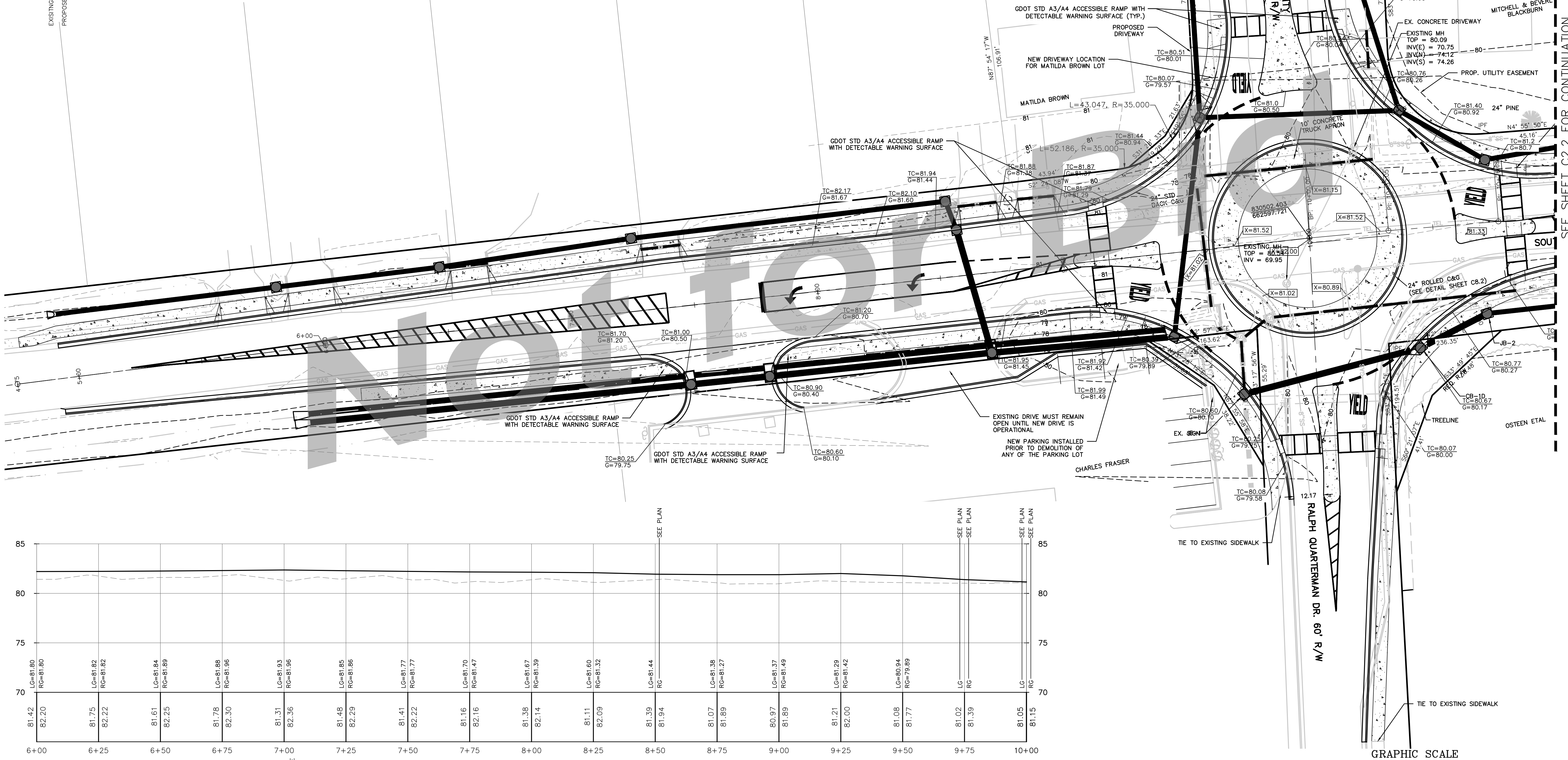
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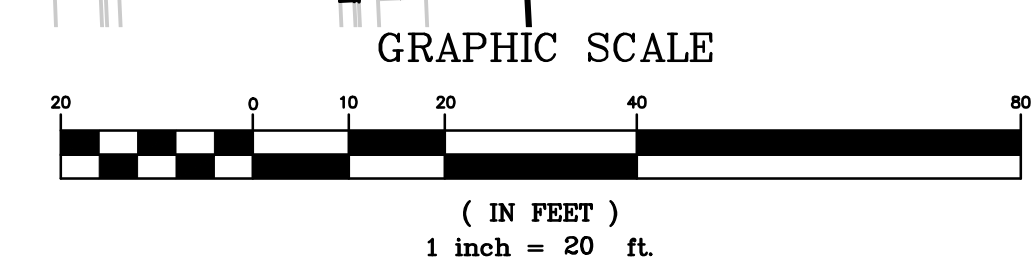


South Main Street (STA 4+75 to 6+00) PROFILE
VERT. SCALE: 5

- NOTES:**
1. ALL DRIVEWAYS ALONG SOUTH MAIN ST., SOUTH OF THE ROUNDABOUT TO BE REPLACED TO THE R/W.
 2. DRAINAGE AND ROADWAY WIDENING SOUTH OF ROUNDABOUT TO BE PERFORMED UNDER TRAFFIC CONTROL. NO ROAD CLOSURE ON S. MAIN ST.

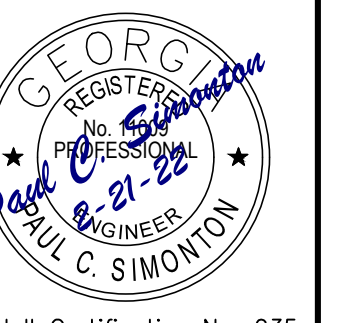


South Main Street (STA 6+00 to 10+00) PROFILE
VERT. SCALE: 5



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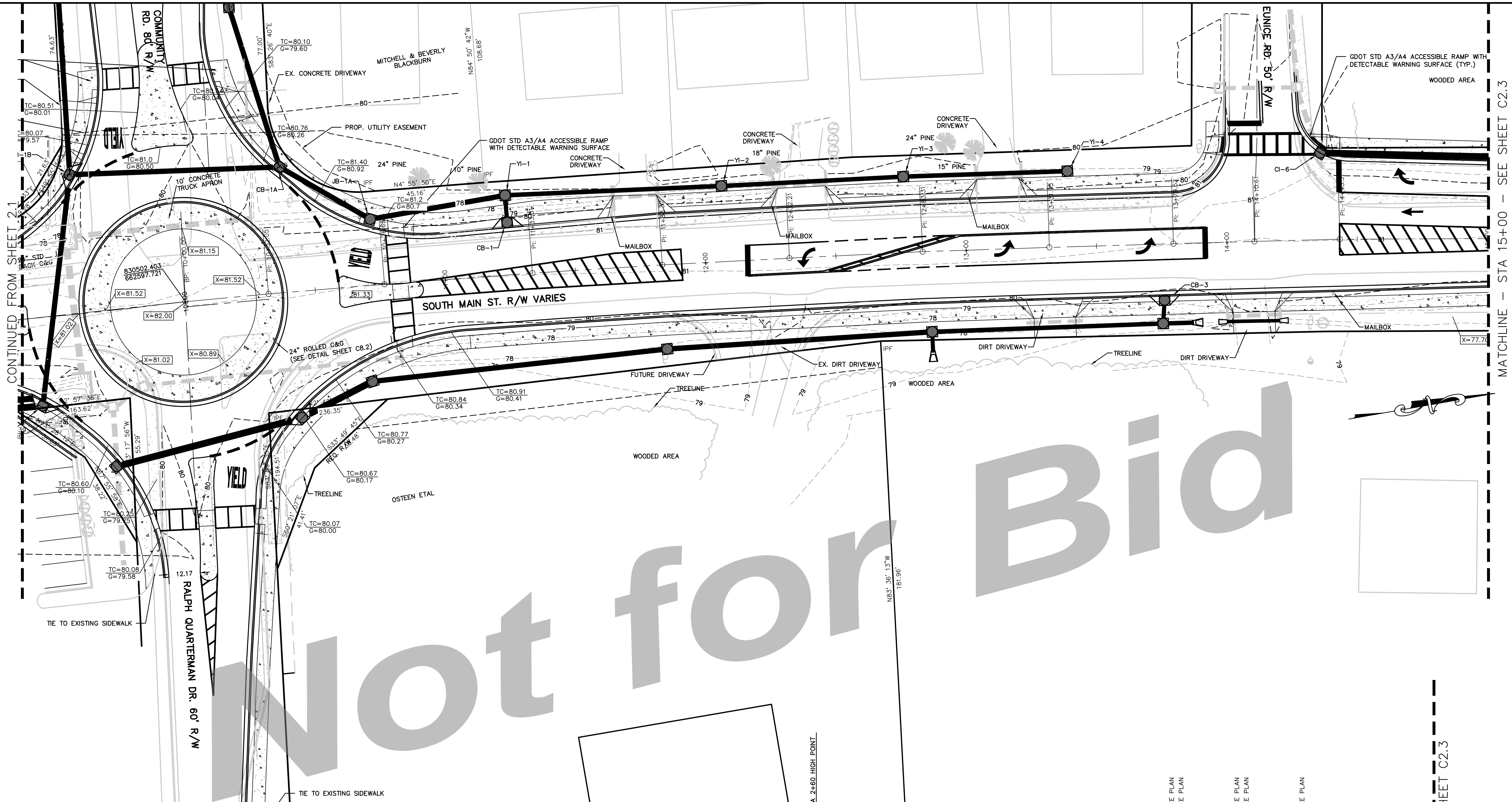


South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Plan & Profile

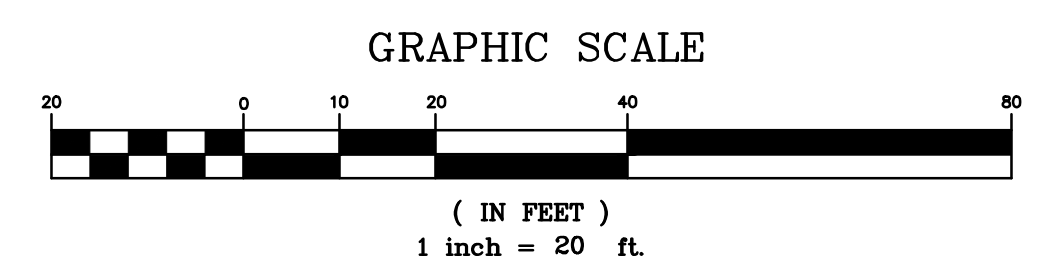
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81.05	81.04	81.10	81.02	81.05	80.99	80.99	81.00	81.08	81.02	81.17	81.05	81.22	81.09	81.25	81.12	81.29	81.16	81.37	81.18	81.49	81.20	81.36	81.18	81.36	81.14	81.31	81.08	81.26	81.02	81.18	81.00	81.17	81.00	81.17	81.01	81.18	80.99	81.17		
	EXISTING CL GRADE	PROPOSED CL GRADE			LG=80.7		LG=80.63 RG=80.41		LG=80.59 RG=80.48		LG=80.66 RG=80.55		LG=80.73 RG=80.62		LG=80.80 RG=80.69		LG=80.87 RG=80.76		LG=81.00 RG=80.83		LG=80.87 RG=80.84		LG=80.80 RG=80.77		LG=80.73 RG=80.70		LG=80.66 RG=80.63		LG=80.59 RG=80.56	LG	RG	LG	RG	LG	RG	LG	RG	LG	RG	
10+00	10+25	10+50	10+75	11+00	11+25	11+50	11+75	12+00	12+25	12+50	12+75	13+00	13+25	13+50	13+75	14+00	14+25	14+50	14+75																					

SOUTH MAIN PROFILE
VERT SCALE: 1"=5'



CONTINUED FROM SHEET 2.1

MATCHLINE - STA 15+00 - SEE SHEET C2.3

MATCHLINE - STA 15+00 - SEE SHEET C2.3

Not for Bid

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REVISIONS:

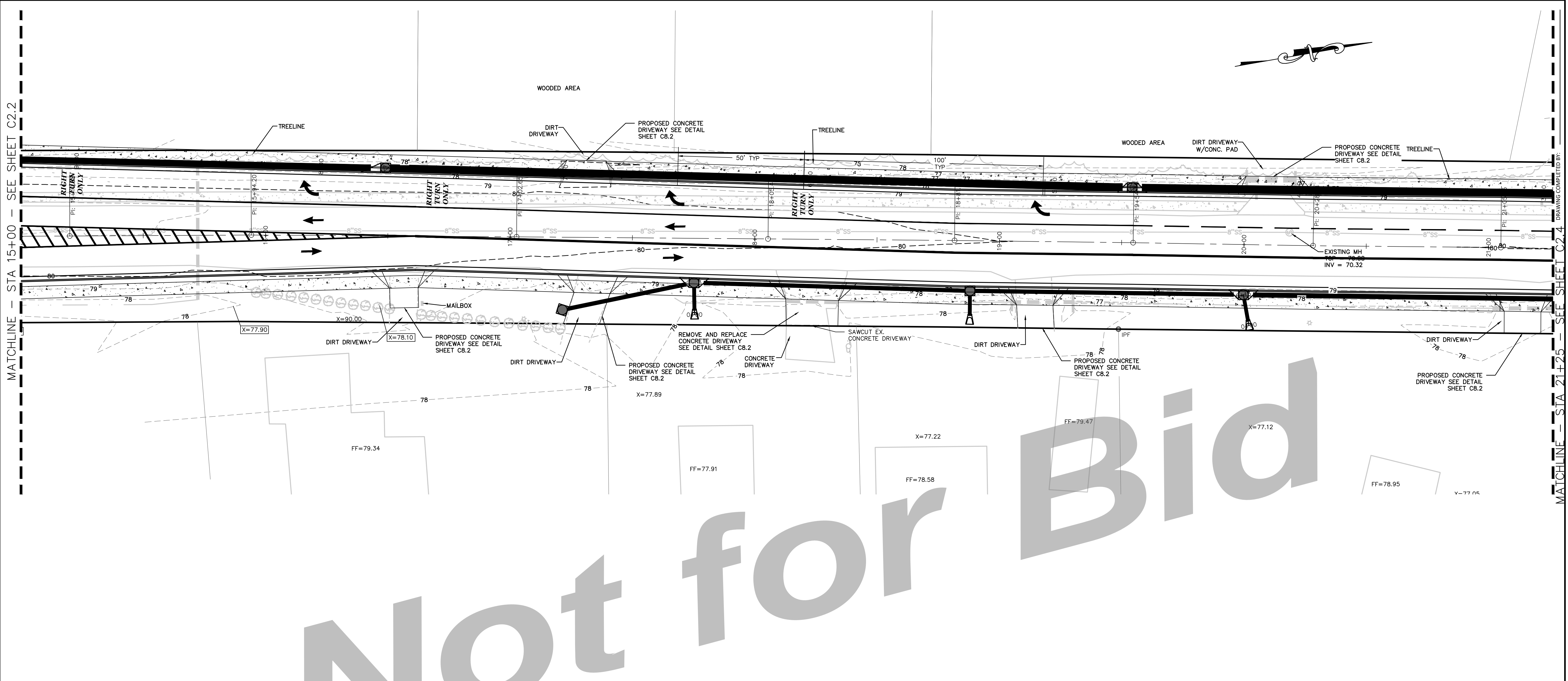
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South Main Street Widening
 for
 The City of Hinesville
 Liberty County, Georgia

Plan & Profile
 DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C2.2

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MATCHLINE - STA 15+00 - SEE SHEET C2.2

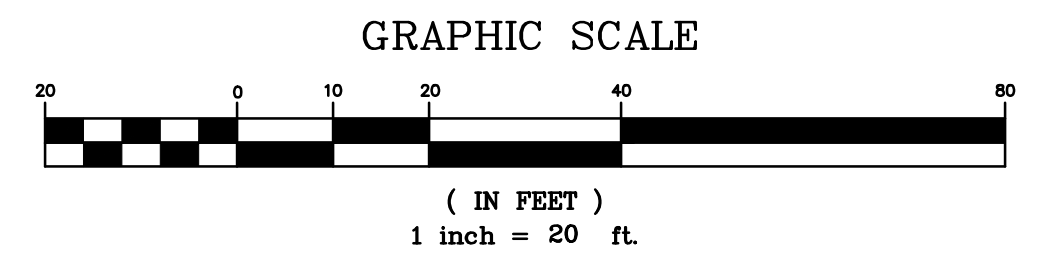
MATCHLINE - STA 21+25 - SEE SHEET C2.4

Station	LG	RG
15+00	80.95	81.15
15+05	80.95	81.13
15+10	80.90	81.07
15+15	80.84	81.01
15+20	80.77	80.94
15+25	80.67	80.80
15+30	80.57	80.74
15+35	80.47	80.84
15+40	80.37	80.77
15+45	80.30	80.70
15+50	80.25	80.63
15+55	80.19	80.56
15+60	80.13	80.49
15+65	80.10	80.42
15+70	80.07	80.35
15+75	80.05	80.28
15+80	80.01	80.21
15+85	79.97	80.14
15+90	79.93	80.09
15+95	79.93	80.14
16+00	79.94	80.21
16+05	79.96	80.28
16+10	79.97	80.35
16+15	79.99	80.42
16+20	80.01	80.35

MATCHLINE - STA 15+00 - SEE SHEET C2.2

MATCHLINE - STA 21+25 - SEE SHEET C2.4

SOUTH MAIN PROFILE
VERT SCALE: 1" = 5'



Plan & Profile

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Level II Certification No. 935
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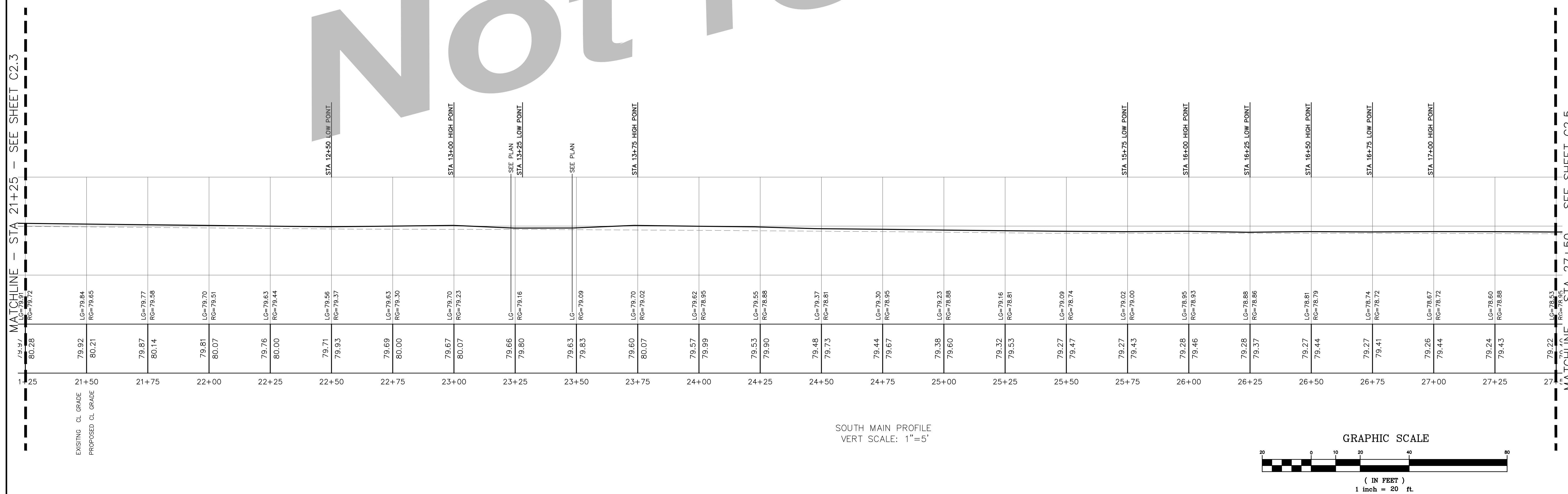
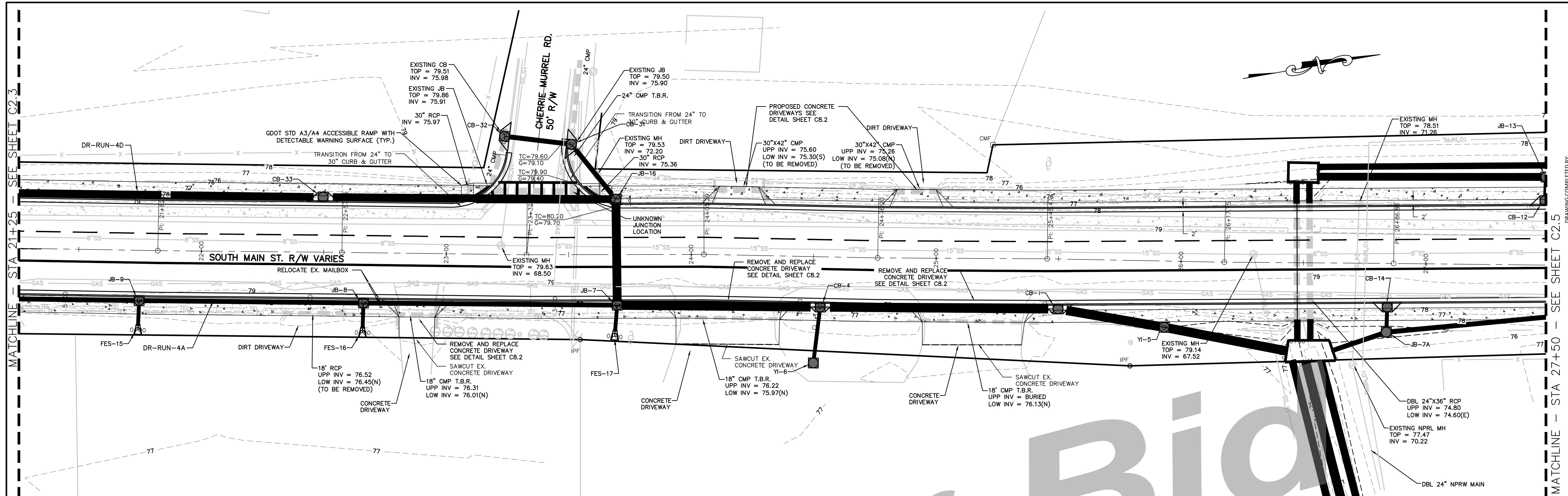
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www.simontonengineering.com

SIMONTON ENGINEERING

REGISTERED PROFESSIONAL ENGINEER
No. 21-22
C. SIMONTON

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DATE: August 17, 2020
FILE NO: 2010-45PRU
SHEET: C2.3



Not for Bid

MATCHLINE - STA 21+25 - SEE SHEET C2.3
MATCHLINE - STA 27+50 - SEE SHEET C2.5

1" = 20' FT
1" = 5'

Plan & Profile
South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

DATE: August 17, 2020
FILE NO: 2010-45PRU
SHEET: C2.4

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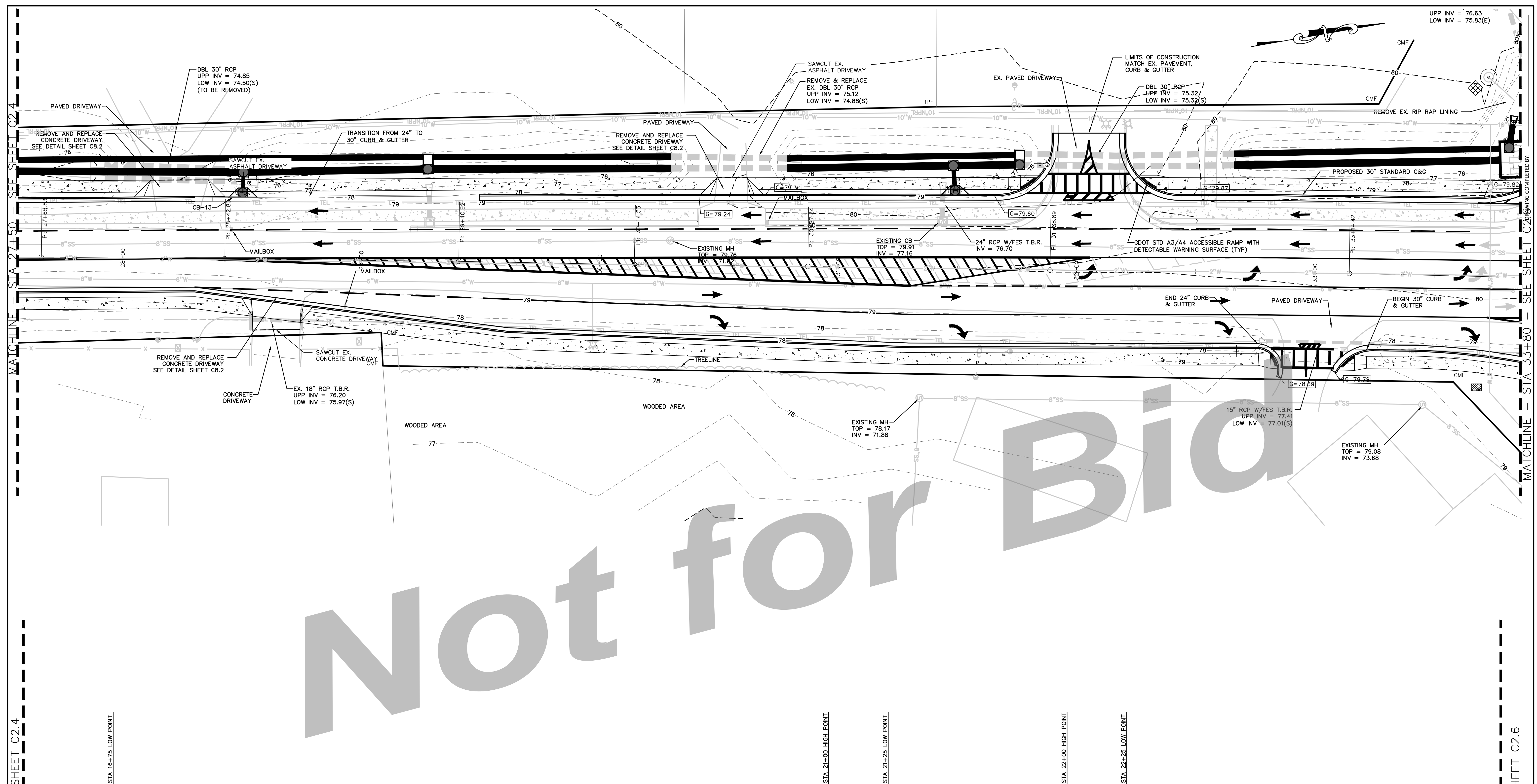
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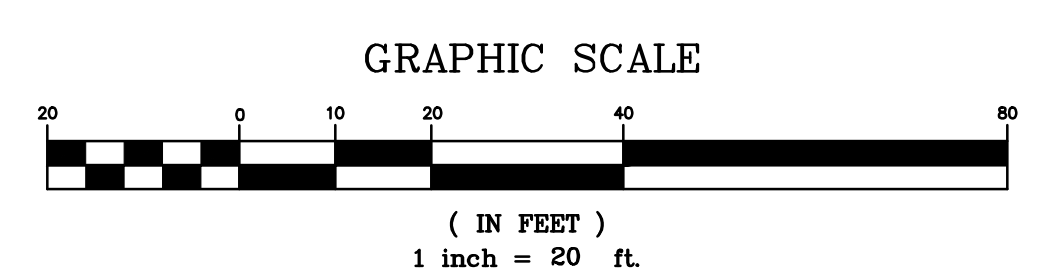
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STATION	EXISTING CL GRADE	PROPOSED CL GRADE
27+75	79.21	79.37
28+00	79.22	79.37
28+25	79.24	79.40
28+50	79.28	79.44
28+75	79.38	79.51
29+00	79.48	79.58
29+25	79.59	79.72
29+50	79.67	79.83
29+75	79.71	79.86
30+00	79.75	79.90
30+25	79.80	79.98
30+50	79.85	80.02
30+75	79.91	80.09
31+00	79.95	80.16
31+25	79.97	80.11
31+50	80.00	80.15
31+75	80.02	80.18
32+00	80.05	80.21
32+25	80.10	80.18
32+50	80.14	80.35
32+75	80.18	80.42
33+00	80.22	80.49
33+25	80.27	80.56
33+50	80.33	80.63
33+75	80.40	80.72

SOUTH MAIN PROFILE
VERT SCALE: 1"=5'



MATCHLINE - STA 27+50 - SEE SHEET C2.4

MATCHLINE - STA 33+80 - SEE SHEET C2.6

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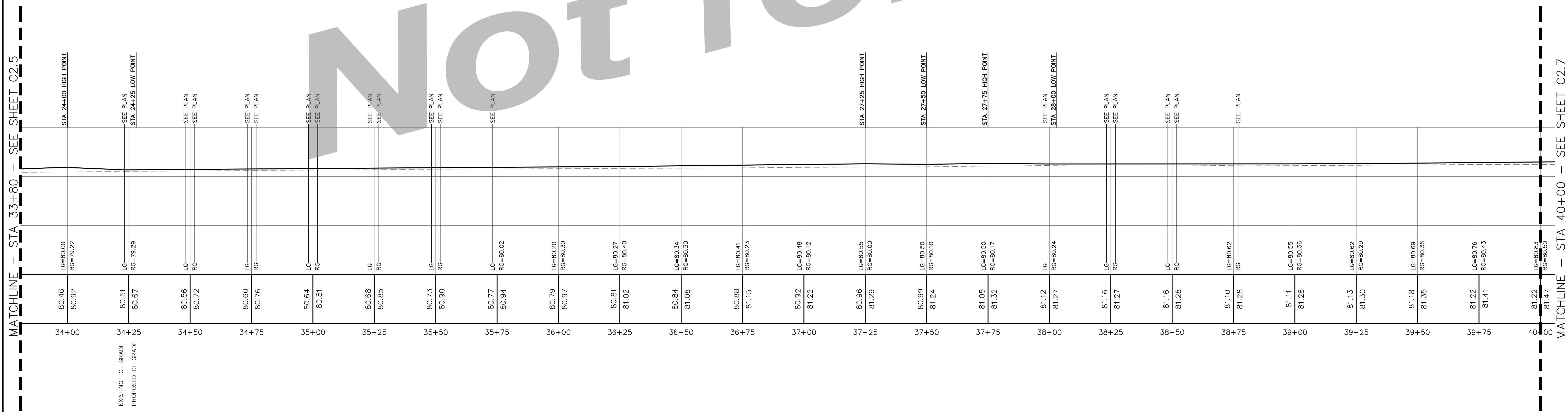
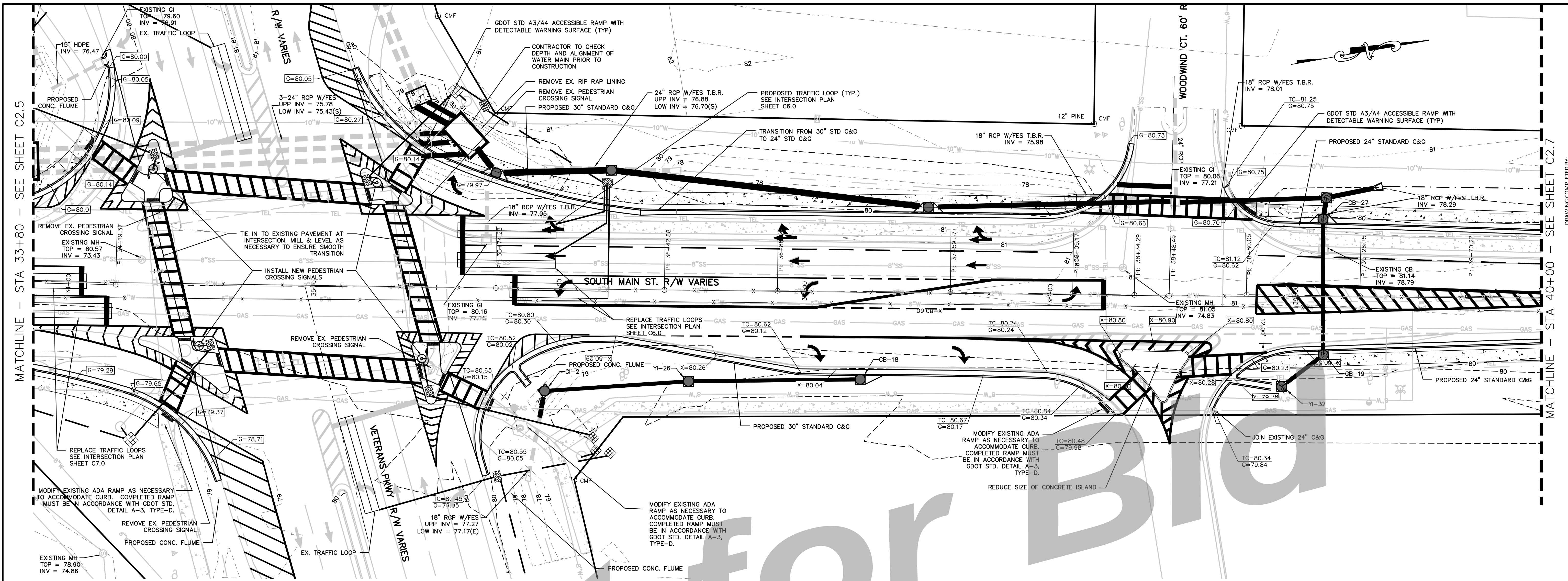
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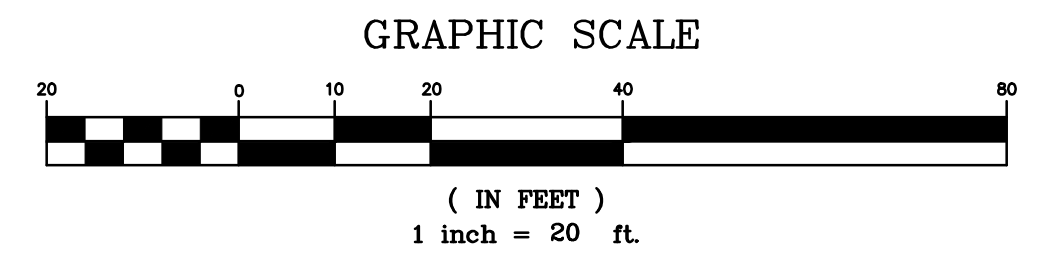
South Main Street Widening
 for
The City of Hinesville
 Liberty County, Georgia

Plan & Profile

DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C2.5



SOUTH MAIN PROFILE
VERT SCALE: 1"=5'



MATCHLINE - STA 33+80 - SEE SHEET C2.5

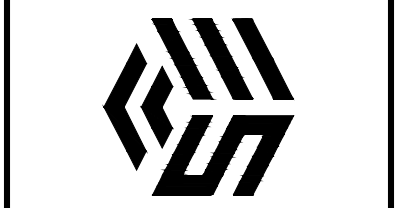
MATCHLINE - STA 40+00 - SEE SHEET C2.7

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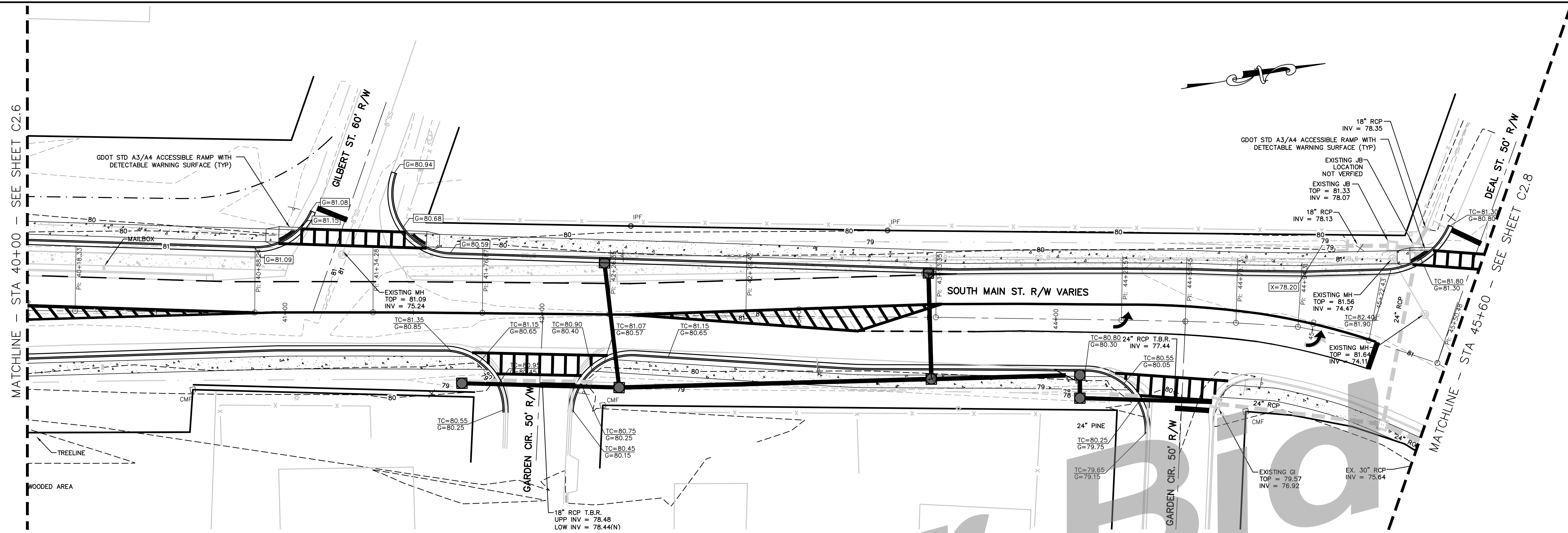
South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Plan & Profile
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C2.6

MATCHLINE - STA 40+00 - SEE SHEET C2.6

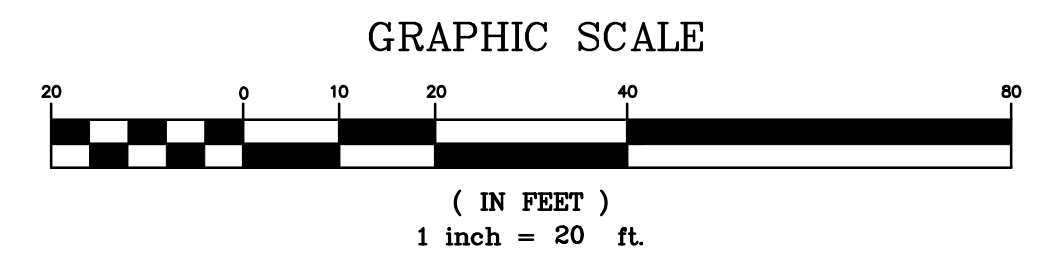
MATCHLINE - STA 40+00 - SEE SHEET C2.6

MATCHLINE - STA 45+60 - SEE SHEET C2.8



Station	Existing Cl. Grade	Proposed Cl. Grade
40+00	81.22	81.47
40+25	81.22	81.53
40+50	81.22	81.59
40+75	81.22	81.66
41+00	81.09	81.68
41+25	81.00	81.24
41+50	81.15	81.38
41+75	81.10	81.32
42+00	81.06	81.26
42+25	81.03	81.20
42+50	81.02	81.18
42+75	81.02	81.19
43+00	81.00	81.25
43+25	80.99	81.16
43+50	80.97	81.14
43+75	80.93	81.18
44+00	80.88	81.26
44+25	80.83	81.34
44+50	80.81	81.56
44+75	80.90	81.07
45+00	80.88	81.05
45+25	80.90	80.99
45+50	81.06	81.15

SOUTH MAIN PROFILE
VERT SCALE: 1"=5'



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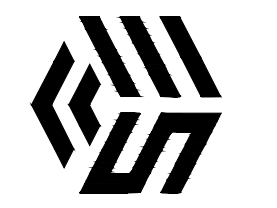


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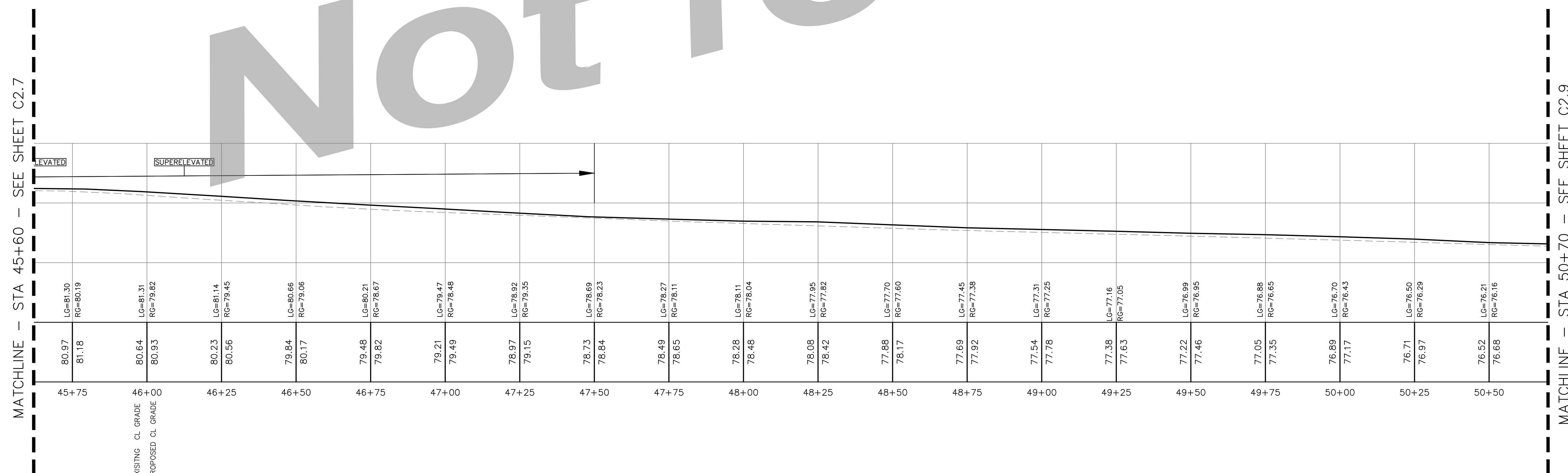
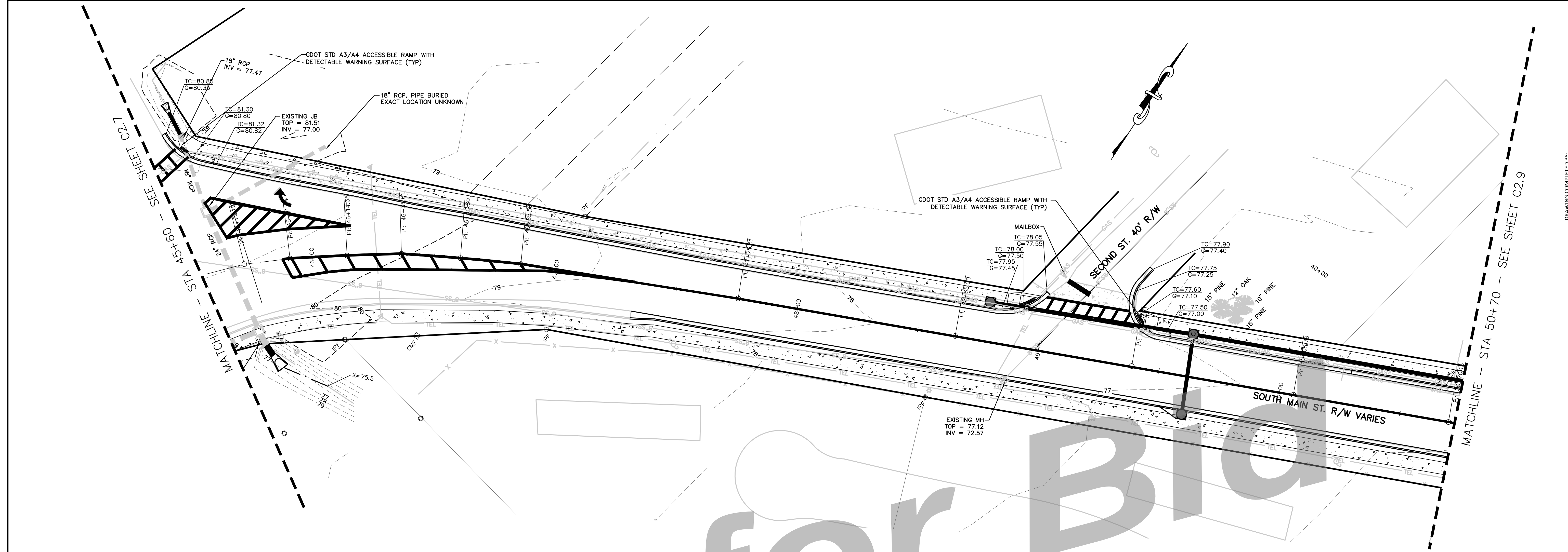


South Main Street Widening
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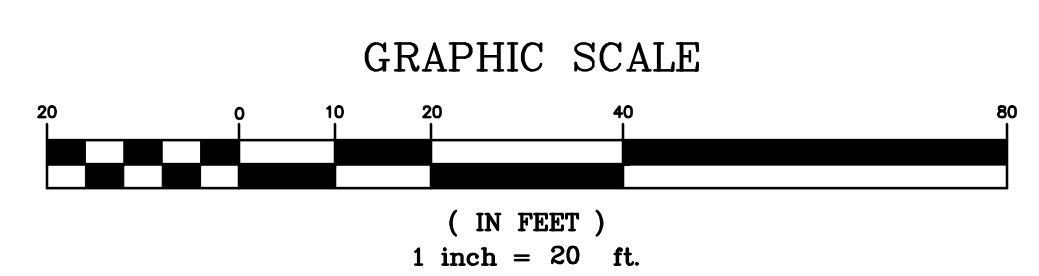
Plan & Profile

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C2.7

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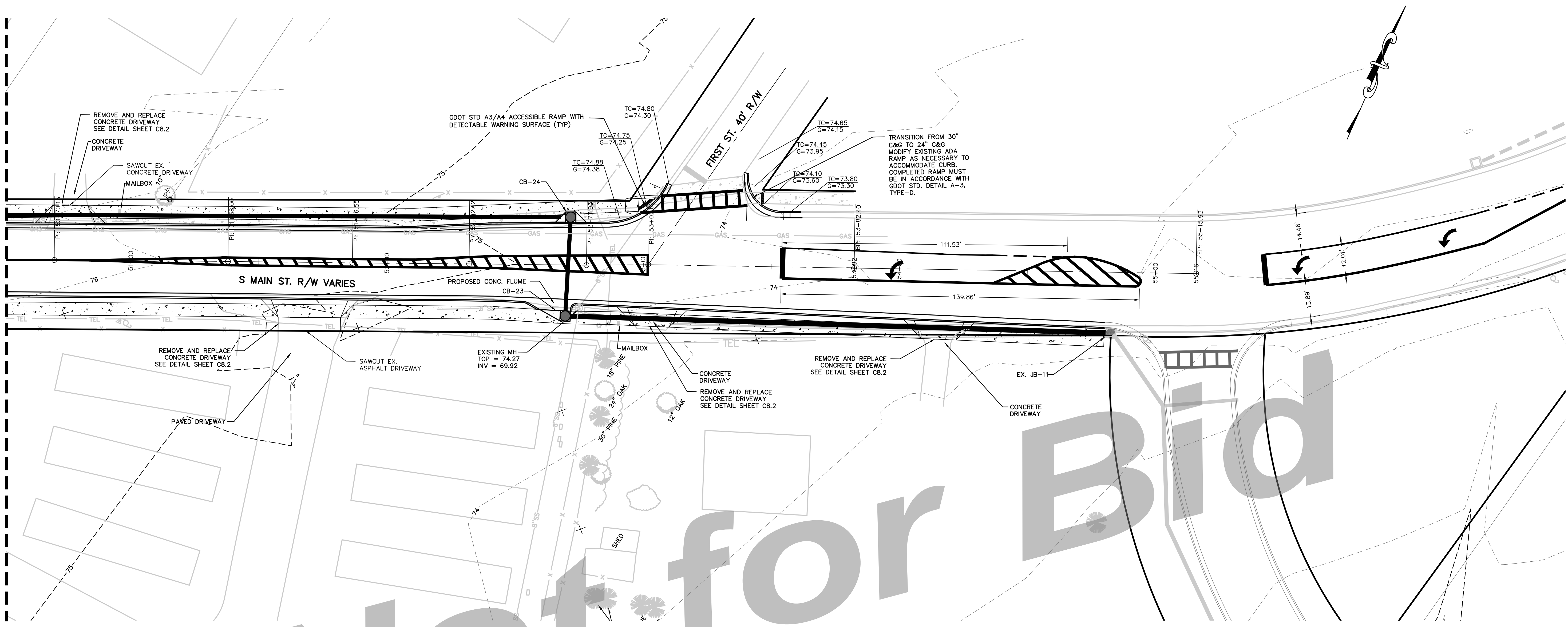
SOUTH MAIN PROFILE
VERT SCALE: 1"=5'



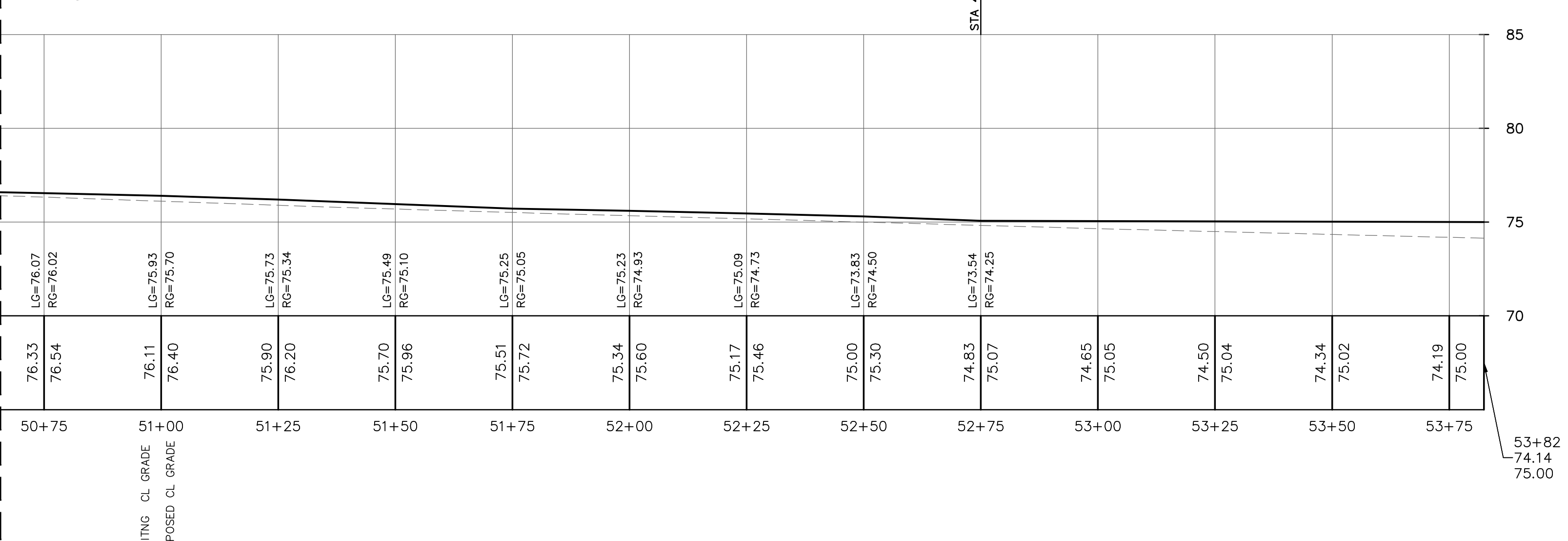
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<p>Plan & Profile</p> <p>DATE: August 17, 2020 FILE NO: 2010-45PRJ SHEET: C2.8</p>	<p>South Main Street Widening for The City of Hinesville Liberty County, Georgia</p>	<p>SIMONTON ENGINEERING</p>
<p>1050 PARKSIDE COMMONS GREENSBORO, GA 30642 SUNITE, GA TEL: (706) 454-0870 309 N. MAIN ST. P.O. BOX 309 HINESVILLE, GA 31313 912-244-7800 www.simontongenr.com</p>		
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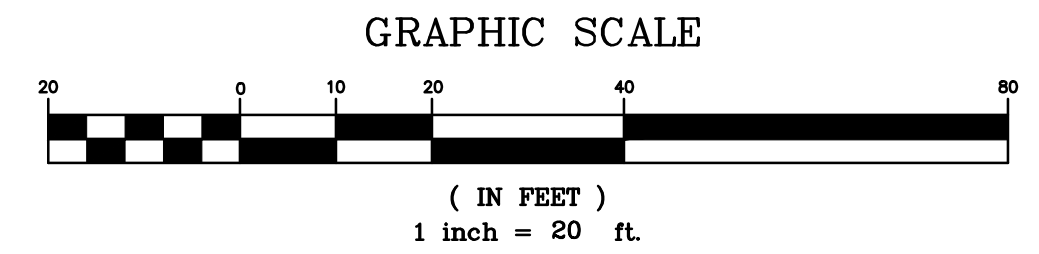
MATCHLINE - STA 50+70 - SEE SHEET C2.8



MATCHLINE - STA 50+70 - SEE SHEET C2.8



SOUTH MAIN PROFILE
VERT SCALE: 1"=5'



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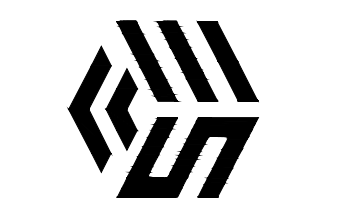
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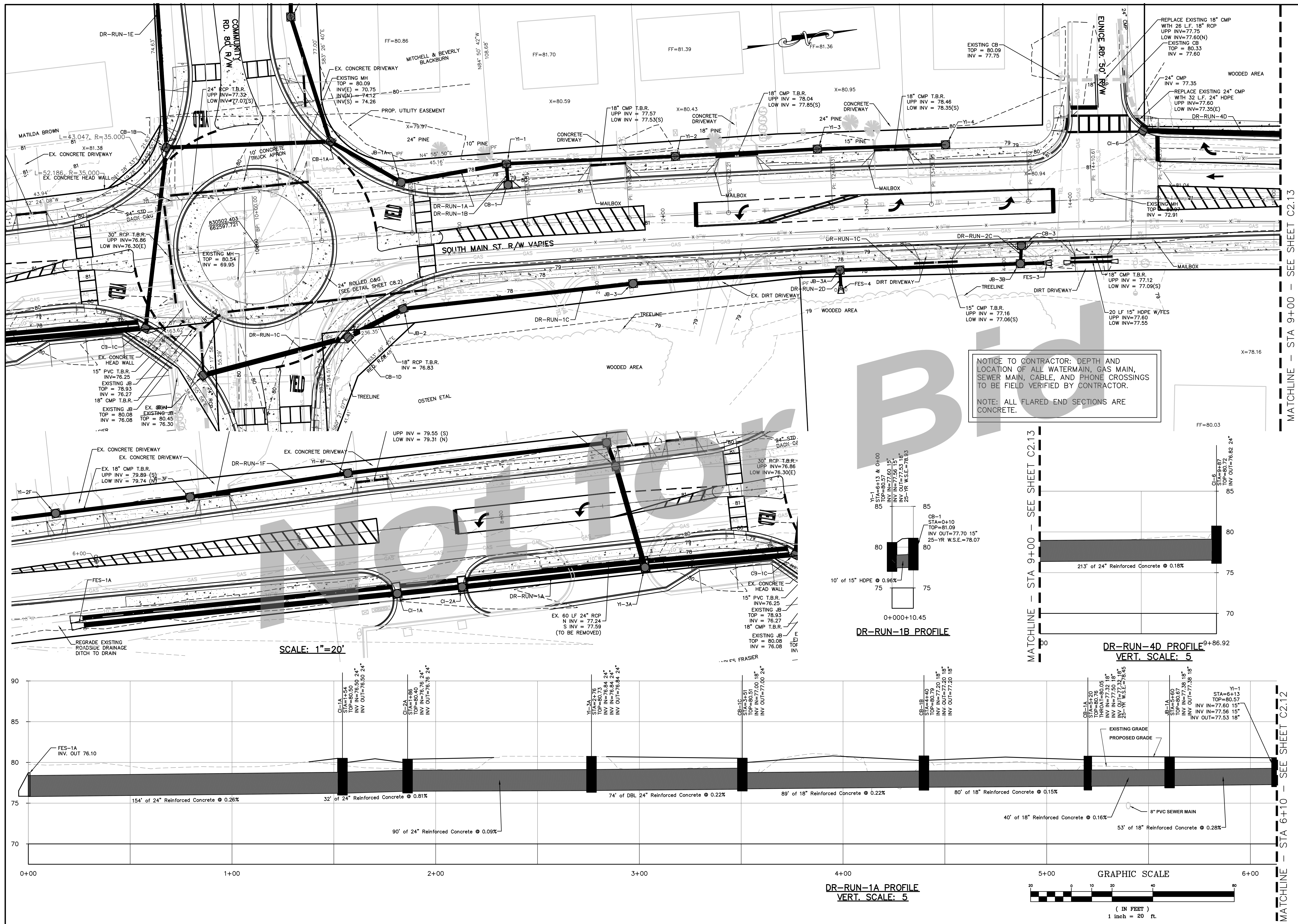


South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Plan & Profile

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C2.9

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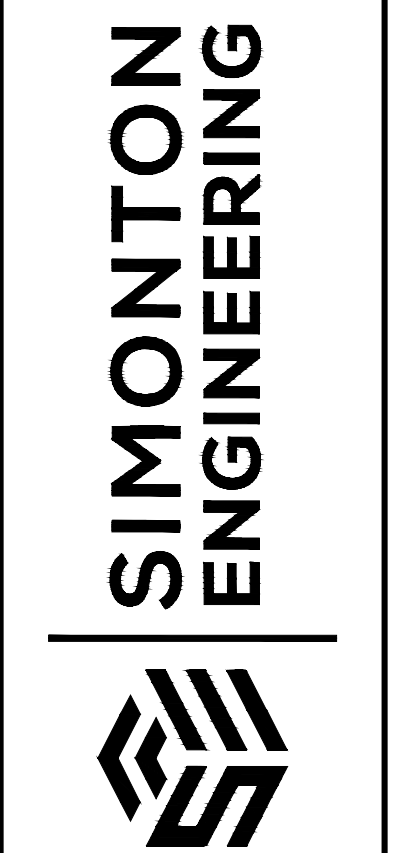


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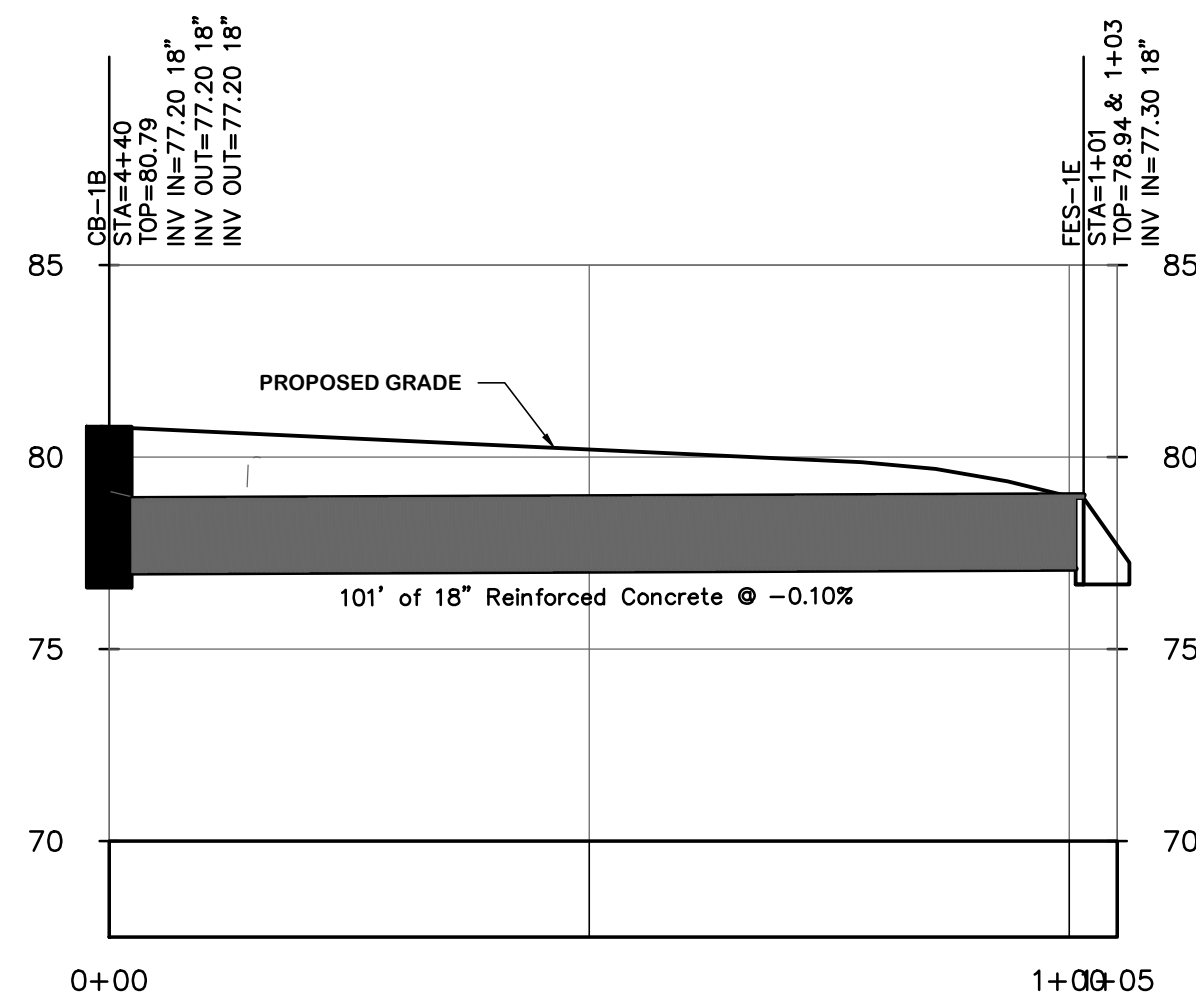
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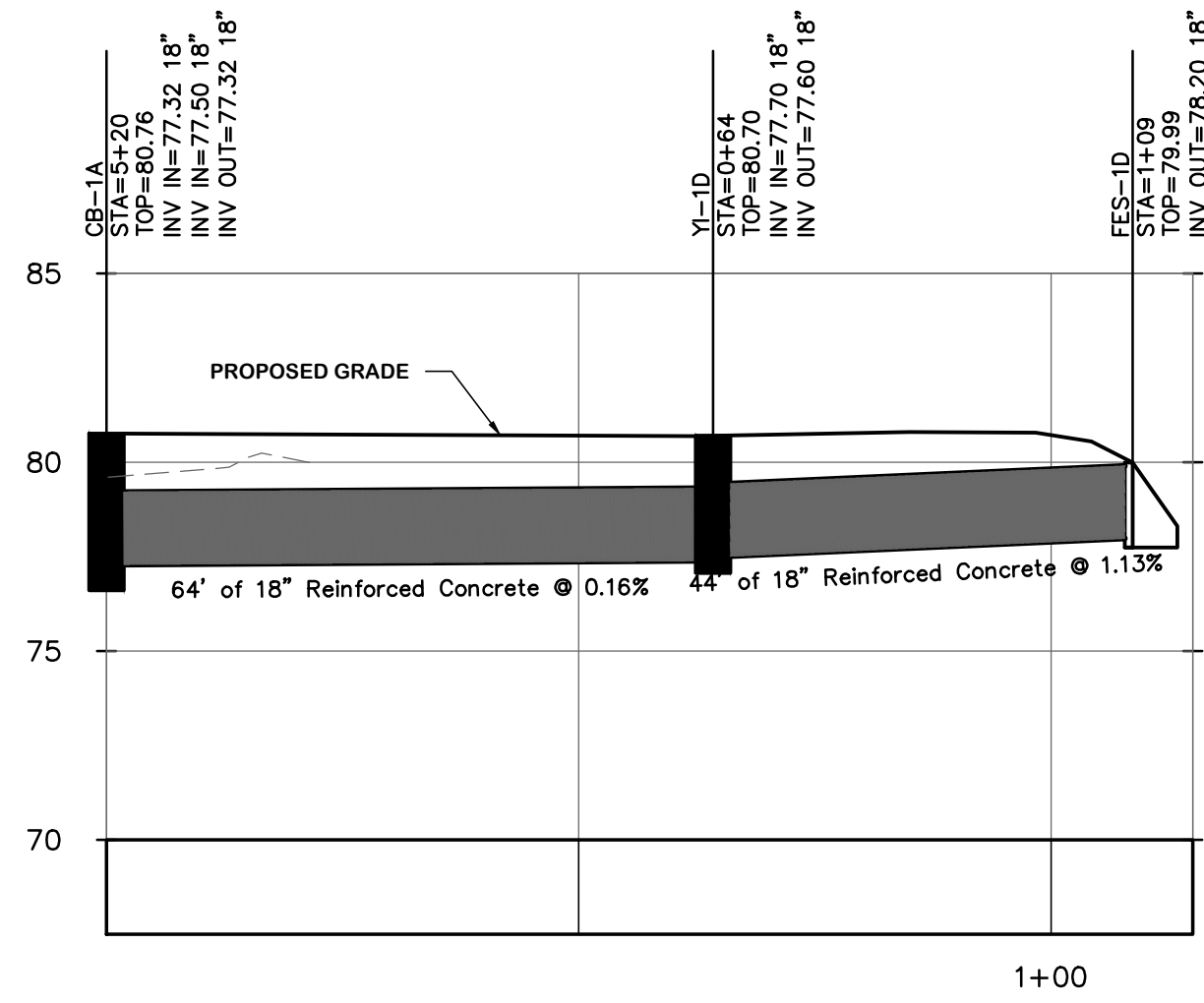
South Main Street Widening
 for
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 Liberty County, Georgia

Drainage Plan & Profile
 DATE: August 17, 2020
 FILE NO: 2010-45PRU
 SHEET: C2.10

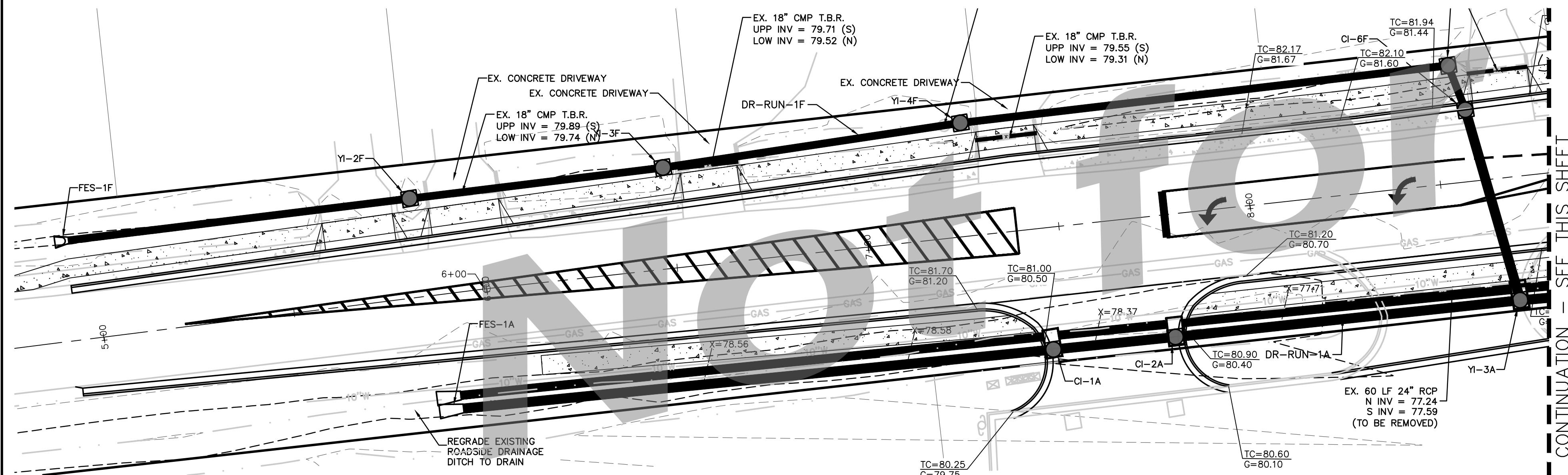
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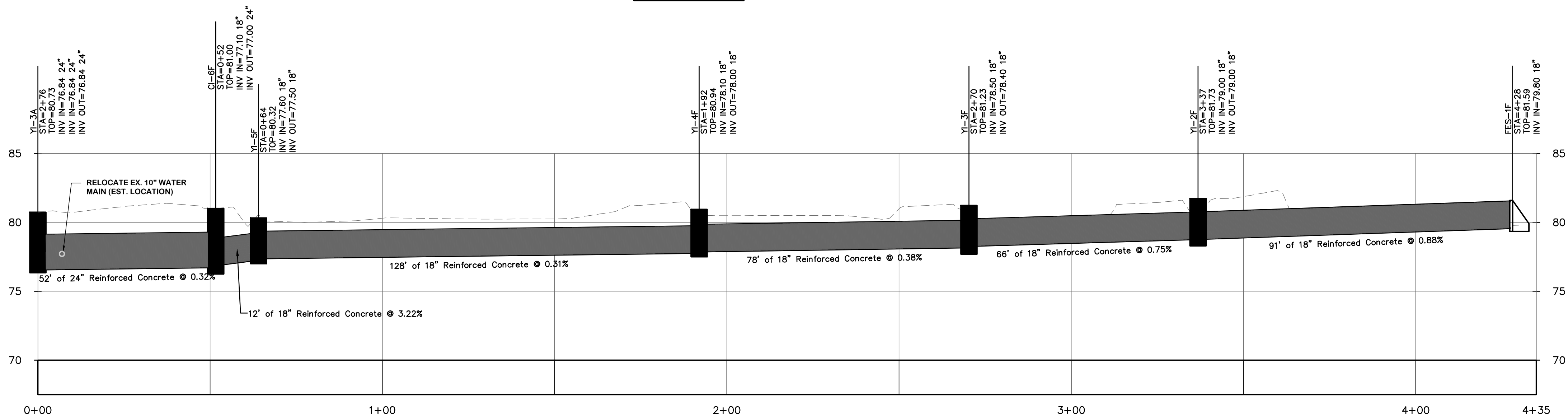
DR-RUN-1E PROFILE
VERT. SCALE: 5



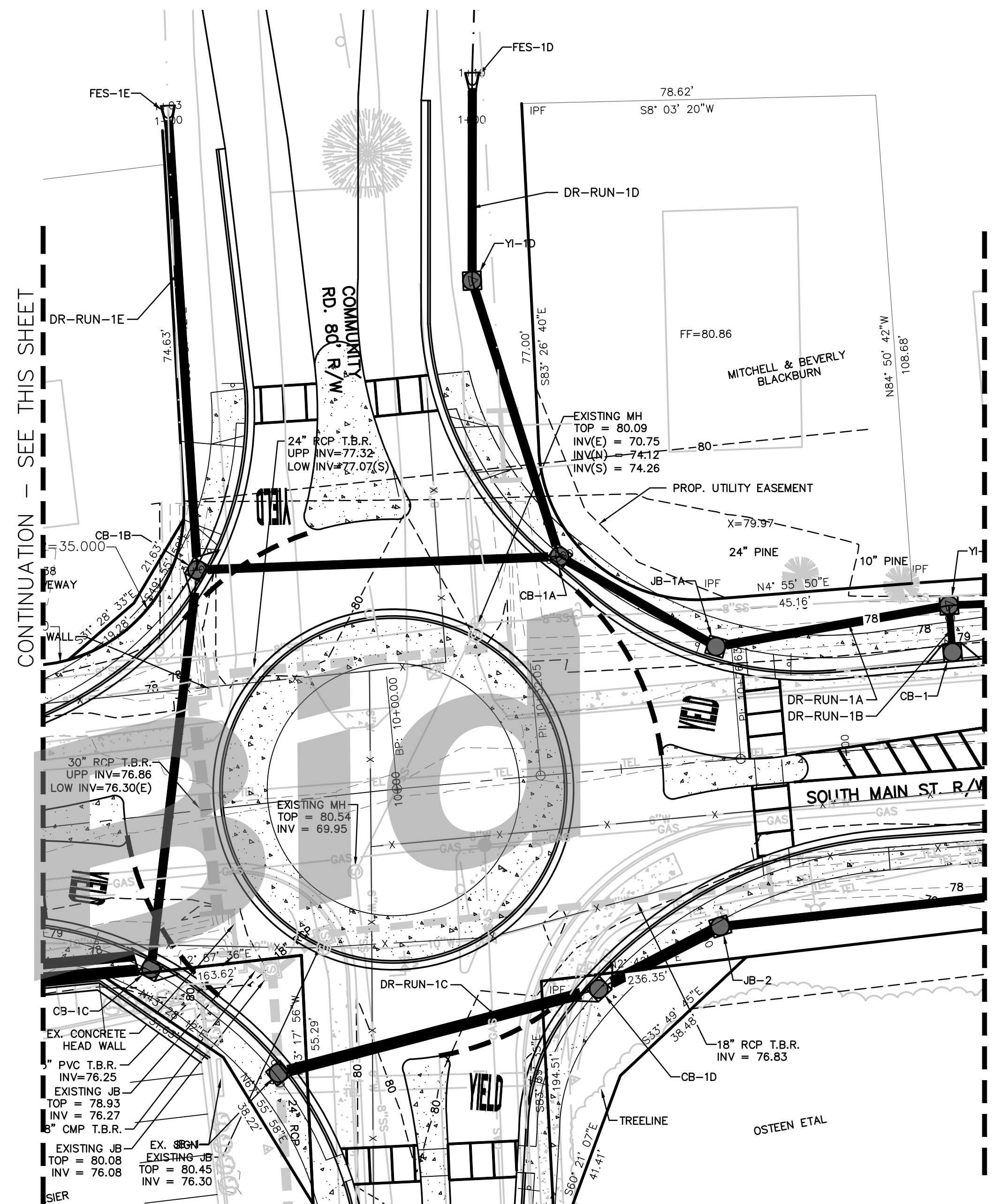
DR-RUN-1D PROFILE
VERT. SCALE: 5



SCALE: 1"=20'



DR-RUN-1F PROFILE
VERT. SCALE: 5



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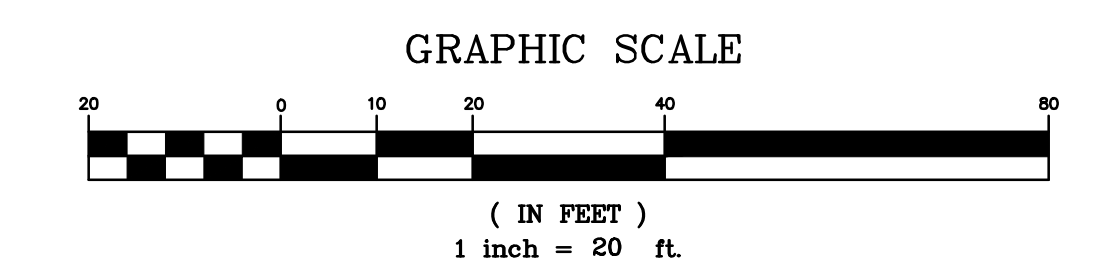


South Main Street Widening
for
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Drainage Plan & Profile

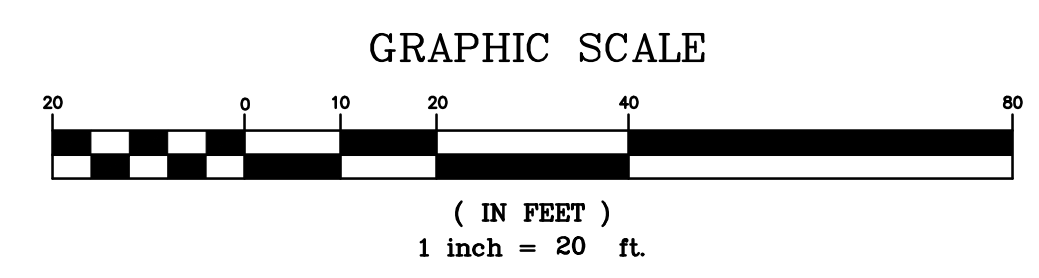
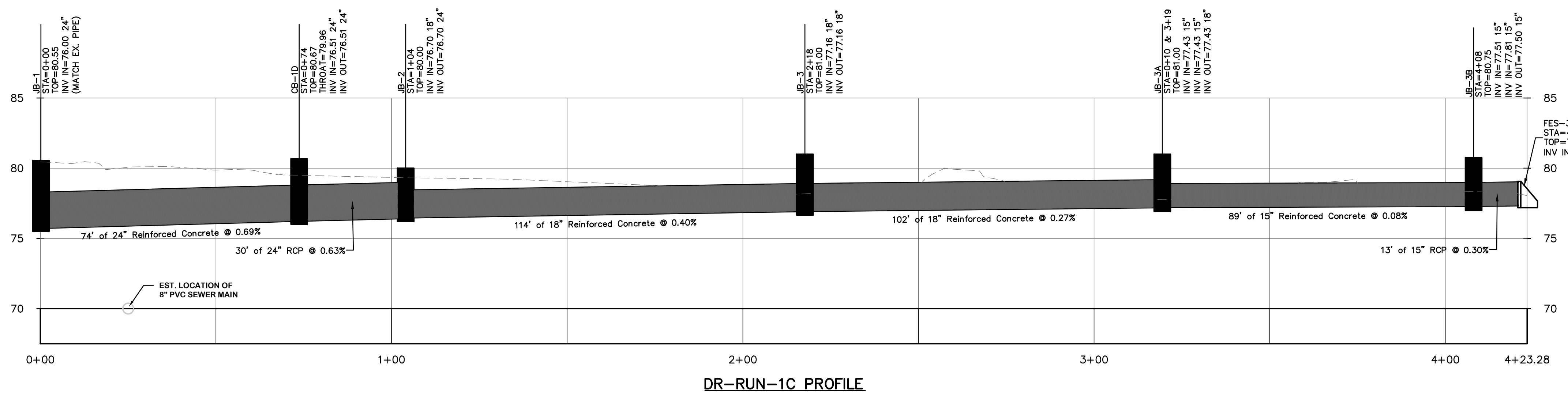
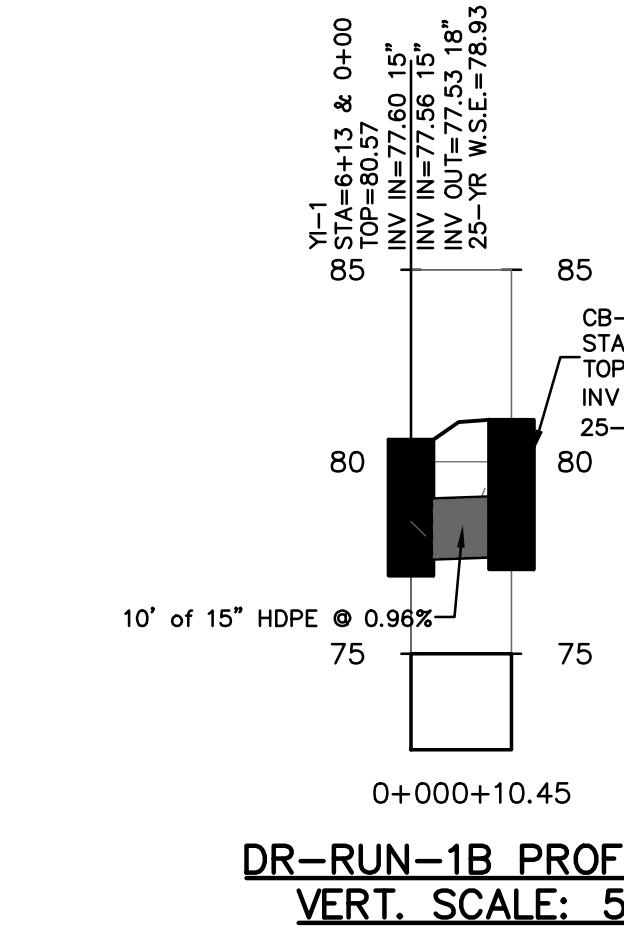
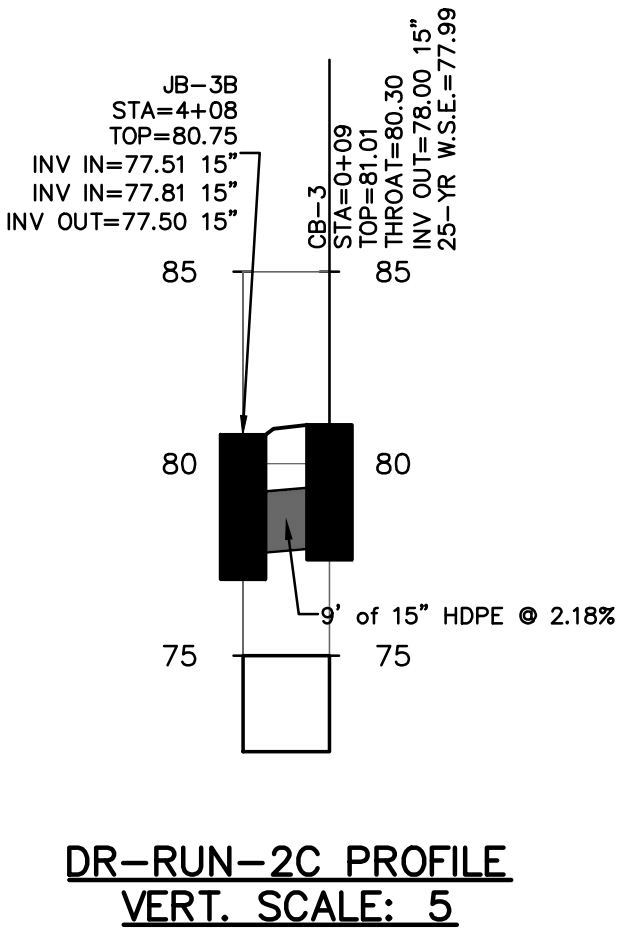
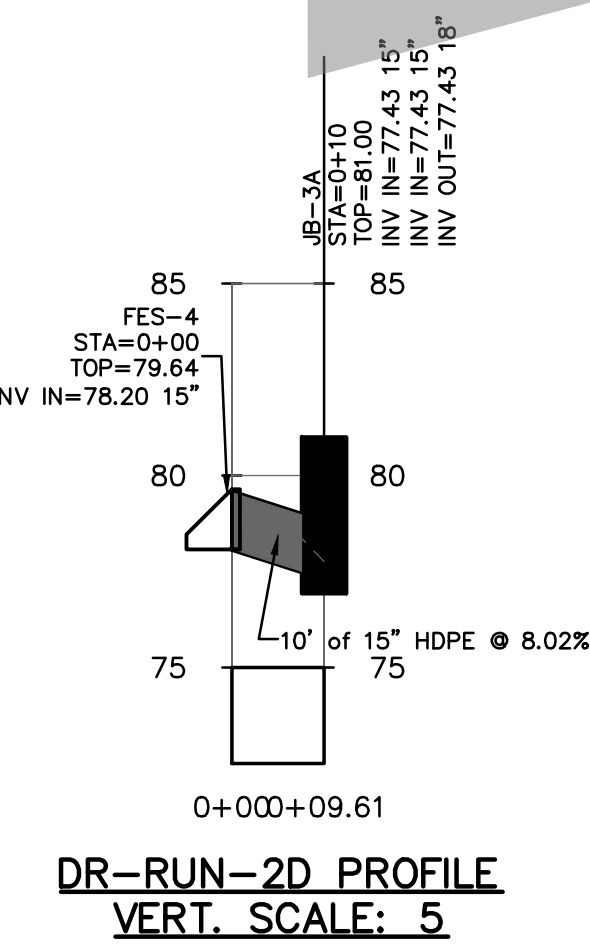
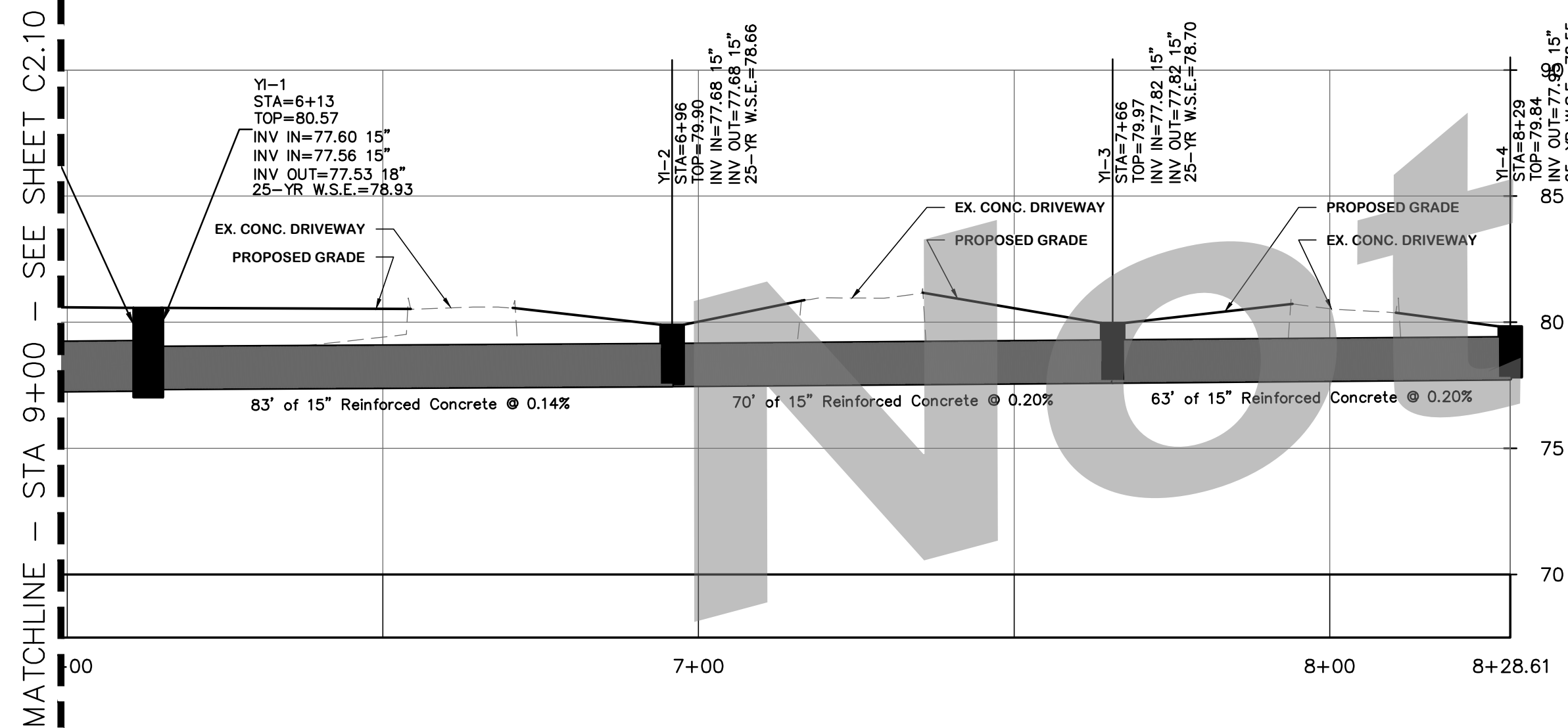
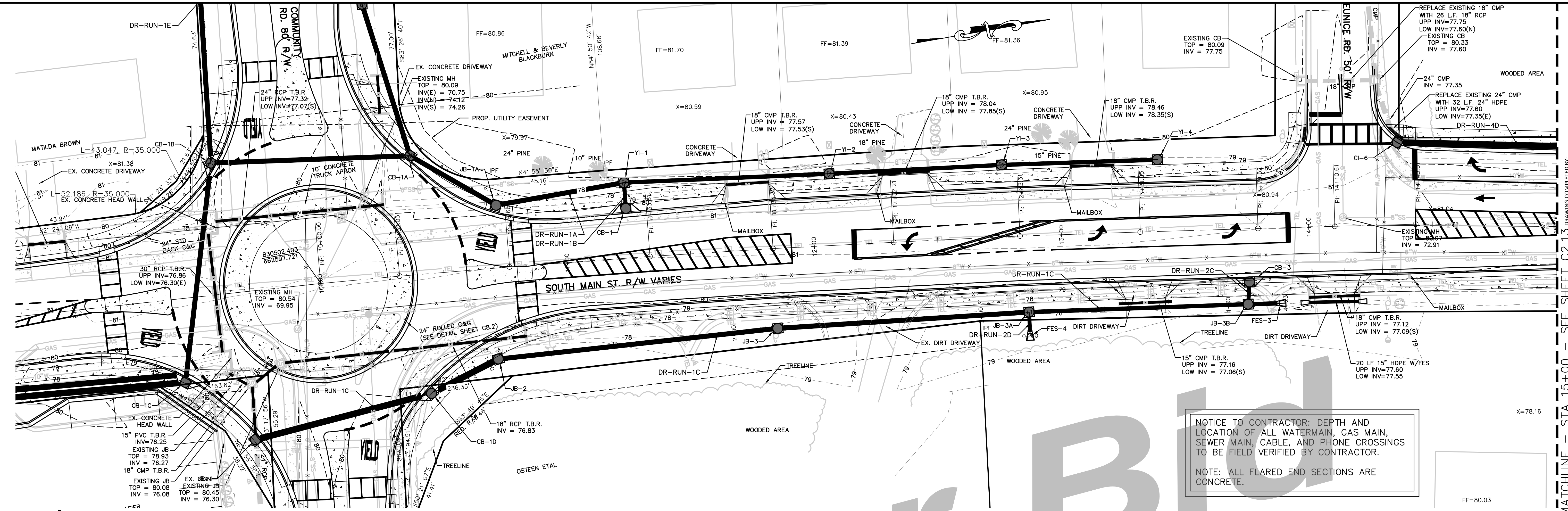
DATE: August 17, 2020
FILE NO: 2010-45PRU
SHEET: C2.11

NOTICE TO CONTRACTOR: DEPTH AND LOCATION OF ALL WATERMAIN, GAS MAIN, SEWER MAIN, CABLE, AND PHONE CROSSINGS TO BE FIELD VERIFIED BY CONTRACTOR.
NOTE: ALL FLARED END SECTIONS ARE CONCRETE.



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NOTE: ALL FLARED END SECTIONS ARE CONCRETE.

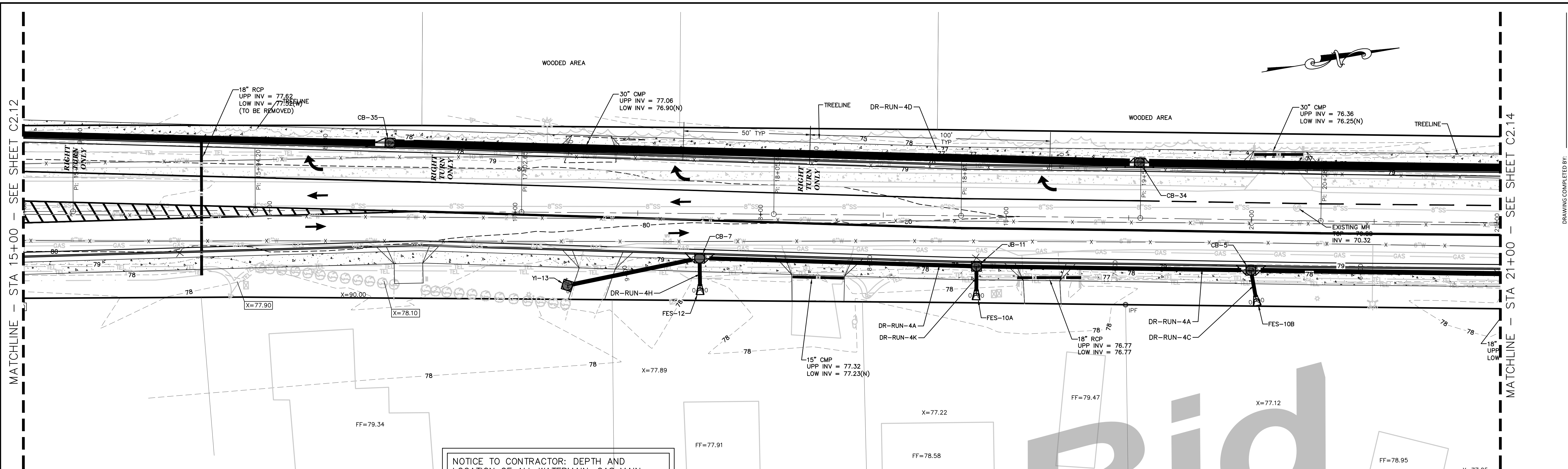
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 REVISION 81: 08/17/2020
 REVISION 82: 08/17/2020
 REVISION 83: 08/17/2020
 REVISION 84: 08/17/2020
 REVISION 85: 08/17/2020
 REVISION 86: 08/17/2020
 REVISION 87: 08/17/2020
 REVISION 88: 08/17/2020
 REVISION 89: 08/17/2020
 REVISION 90: 08/17/2020
 REVISION 91: 08/17/2020
 REVISION 92: 08/17/2020
 REVISION 93: 08/17/2020
 REVISION 94: 08/17/2020
 REVISION 95: 08/17/2020
 REVISION 96: 08/17/2020
 REVISION 97: 08/17/2020
 REVISION 98: 08/17/2020
 REVISION 99: 08/17/2020
 REVISION 100: 08/17/2020

1050 PARKSIDE COMMONS
 GREENSBORO, GA 30642
 TEL: (706) 454-0870
 309 N. MAIN ST.
 P.O. BOX 309
 HINESVILLE, GA 31313
 912-244-7800
 www.simontonengineering.com

SIMONTON ENGINEERING

South Main Street Widening
 for
 The City of Hinesville
 Liberty County, Georgia

Drainage Plan & Profile
 DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C2.12



NOTICE TO CONTRACTOR: DEPTH AND LOCATION OF ALL WATERMAIN, GAS MAIN, SEWER MAIN, CABLE, AND PHONE CROSSINGS TO BE FIELD VERIFIED BY CONTRACTOR.

NOTE: ALL FLARED END SECTIONS ARE CONCRETE.

CB-24
STA=44.68
TOP=79.44
INV IN=75.33 30"
INV OUT=75.33 30"

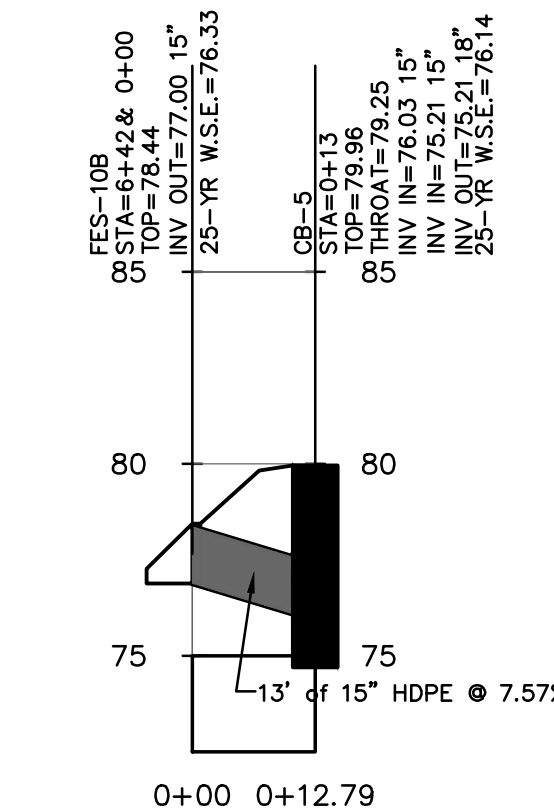
CB-35
STA=74.74
TOP=80.28
INV IN=76.43 24"
INV OUT=76.04 30"

FES-12
STA=84.72 & 0+00
TOP=78.74
INV IN=77.50 15"
25-YR W.S.E.=76.64

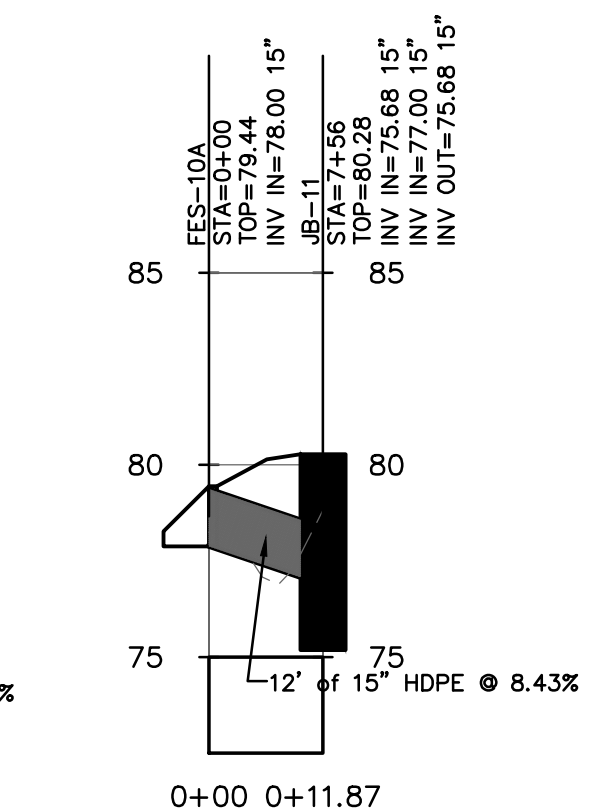
CB-7
STA=0+13
TOP=79.39
INV IN=76.30 15"
INV OUT=75.98 15"
25-YR W.S.E.=76.17

DR-RUN-4D PROFILE
VERT. SCALE: 5

DR-RUN-4H PROFILE
VERT. SCALE: 5

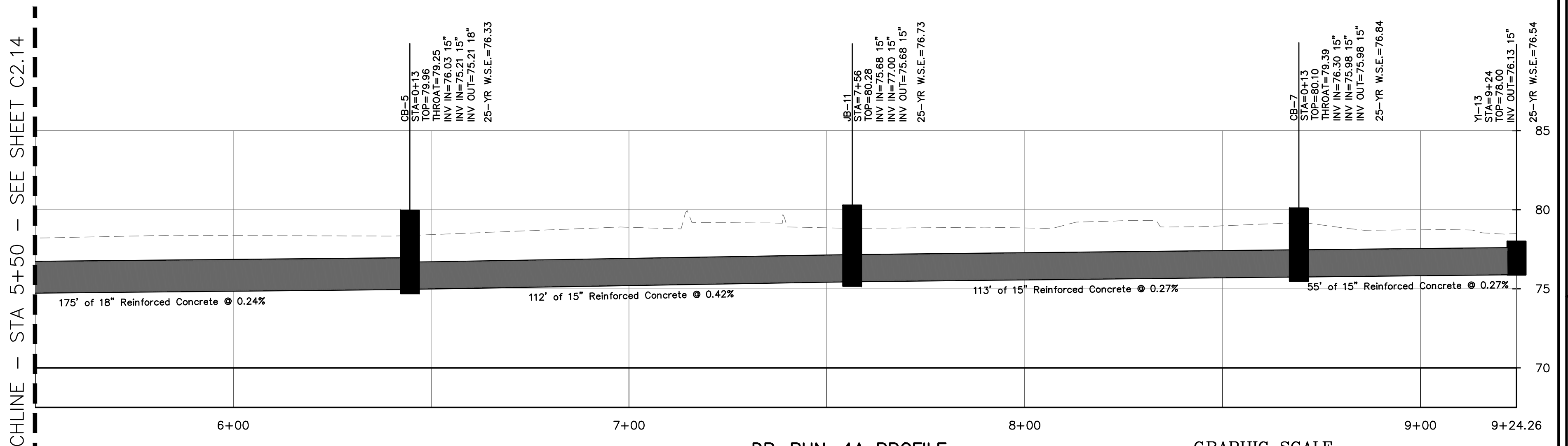


DR-RUN-4C PROFILE
VERT. SCALE: 5

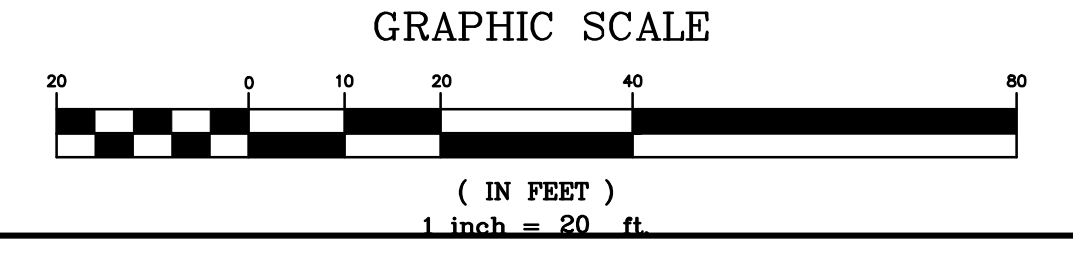


DR-RUN-4K PROFILE
VERT. SCALE: 5

MATCHLINE - STA 5+50 - SEE SHEET C2.14



DR-RUN-4A PROFILE
VERT. SCALE: 5



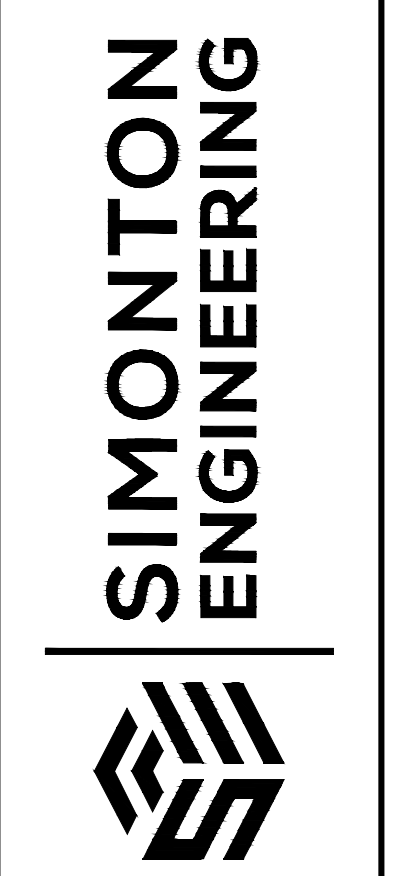
DRAWING COMPLETED BY: _____
REVISED: _____



Level II Certification No. 935
Expiration Date: 10-01-23

1050 PARKSIDE COMMONS
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GREENSBORO, GA 30642
TEL: (706) 454-0870

309 N. MAIN ST.
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HINESVILLE, GA 31224
TEL: (706) 454-7800
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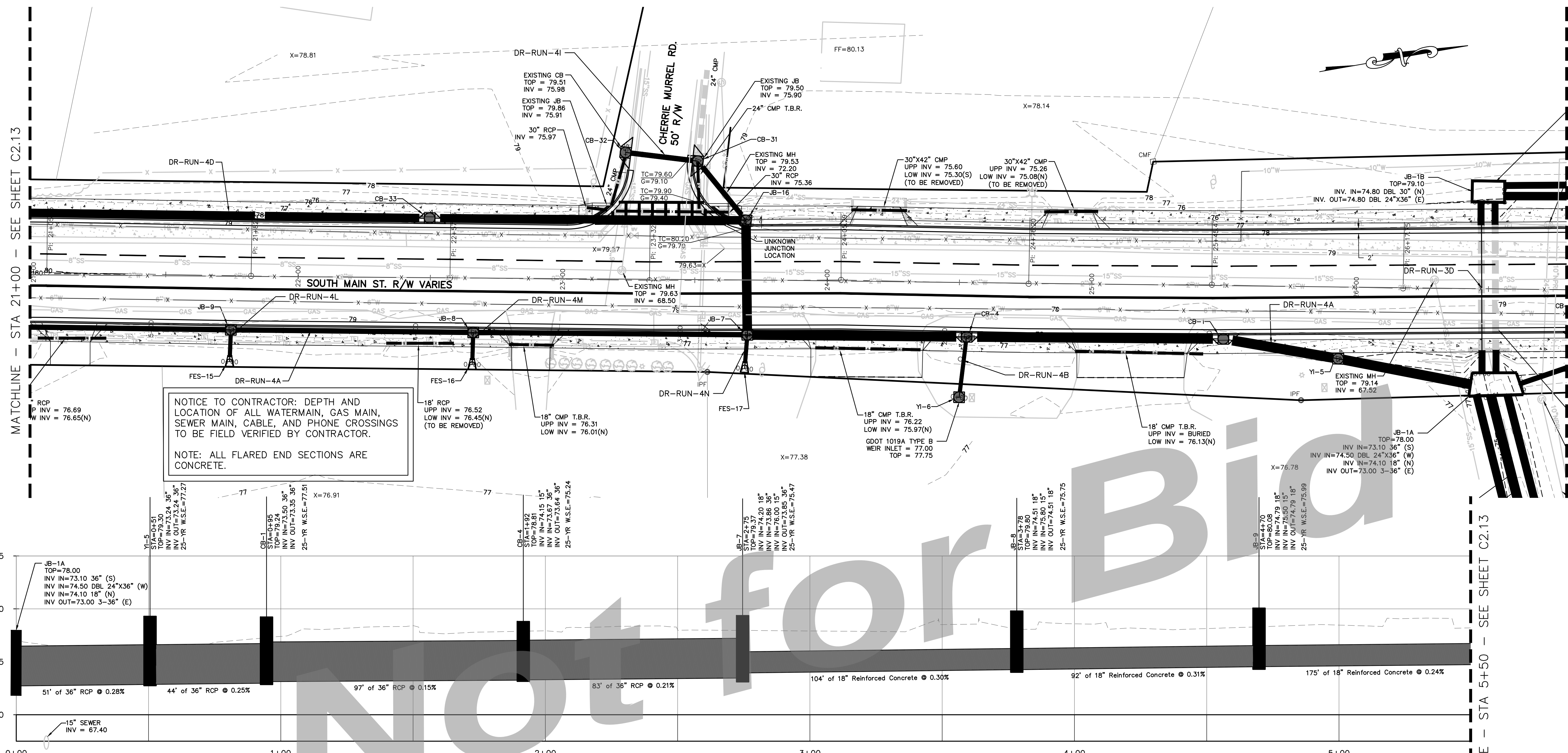
South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Drainage Plan & Profile

DATE: August 17, 2020
FILE NO: 2010-45PRU
SHEET: C2.13

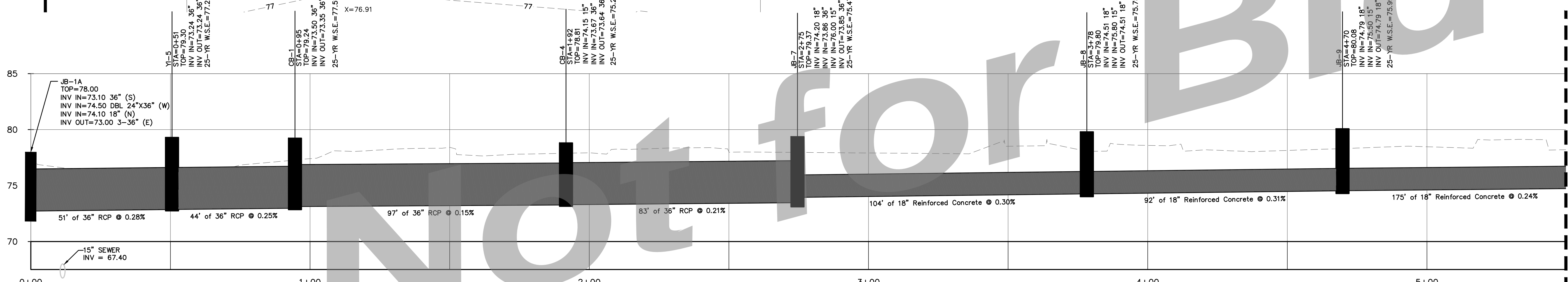
MATCHLINE - STA 21+00 - SEE SHEET C2.13

MATCHLINE - STA 27+00 - SEE SHEET C2.15

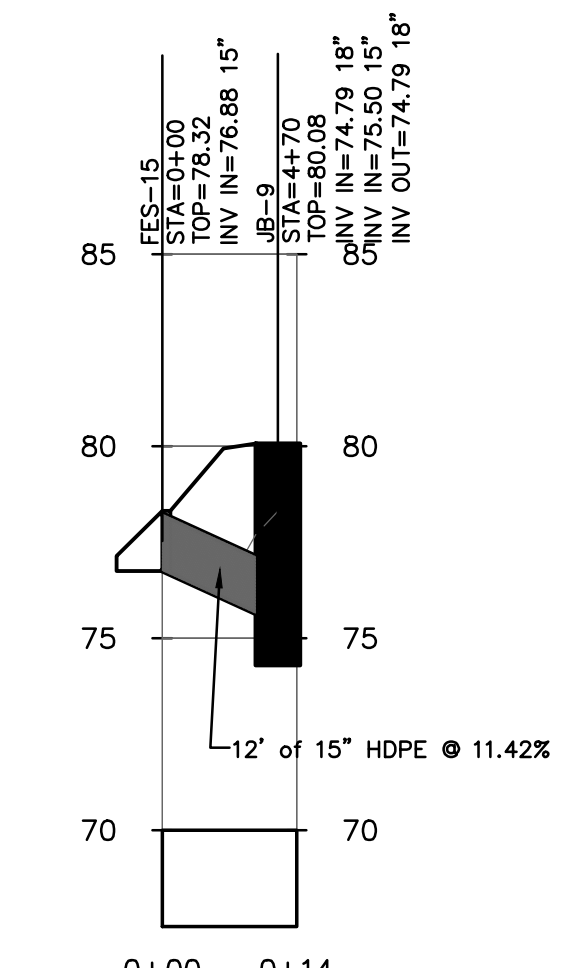


NOTICE TO CONTRACTOR: DEPTH AND LOCATION OF ALL WATERMAIN, GAS MAIN, SEWER MAIN, CABLE, AND PHONE CROSSINGS TO BE FIELD VERIFIED BY CONTRACTOR.

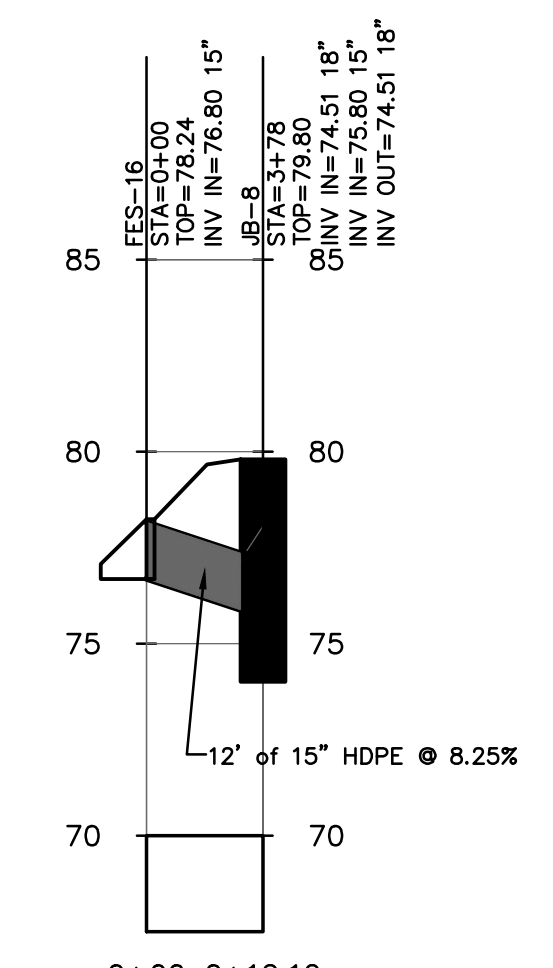
NOTE: ALL FLARED END SECTIONS ARE CONCRETE.



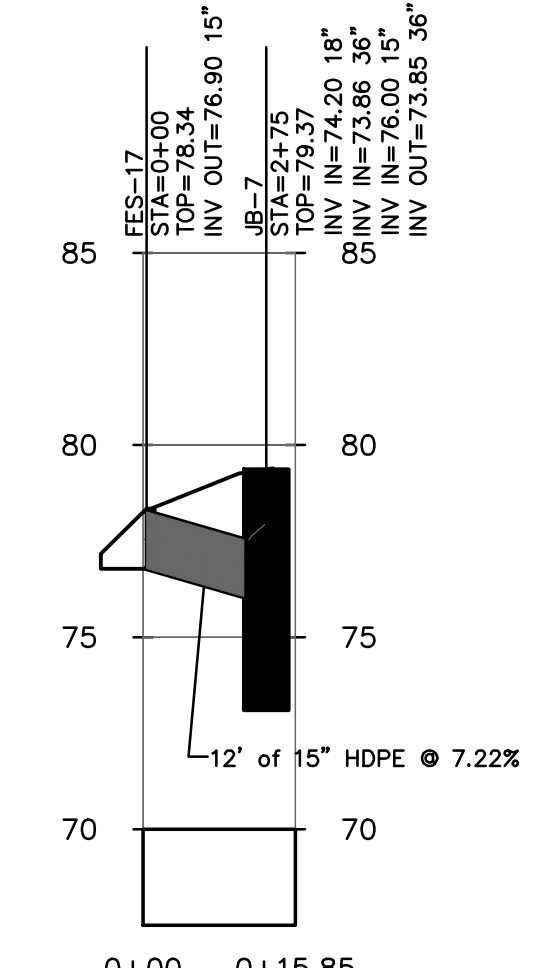
DR-RUN-4A PROFILE VERT. SCALE: 5



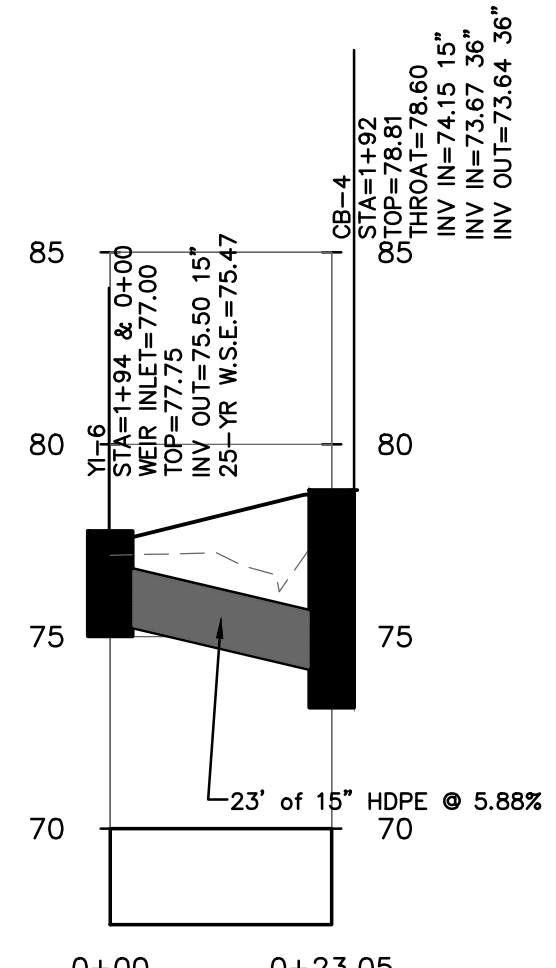
DR-RUN-4L PROFILE VERT. SCALE: 5



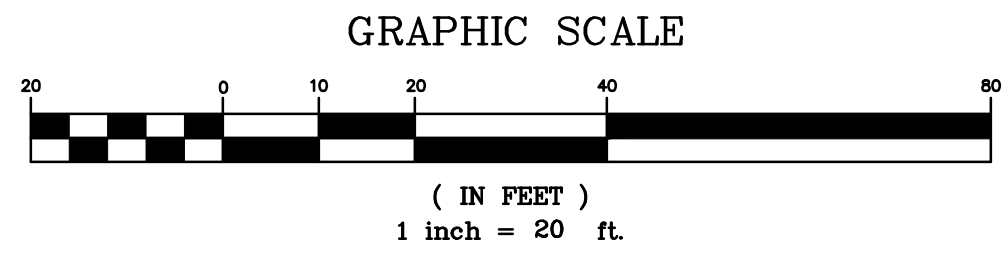
DR-RUN-4M PROFILE VERT. SCALE: 5



DR-RUN-4N PROFILE VERT. SCALE: 5



DR-RUN-4B PROFILE VERT. SCALE: 5



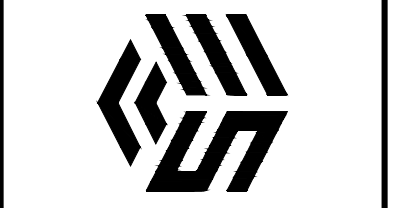
DRAWING COMPLETED BY: _____
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Level II Certification No. 935
 Expiration Date: 10-01-23

1050 PARKSIDE COMMONS
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309 N. MAIN ST.
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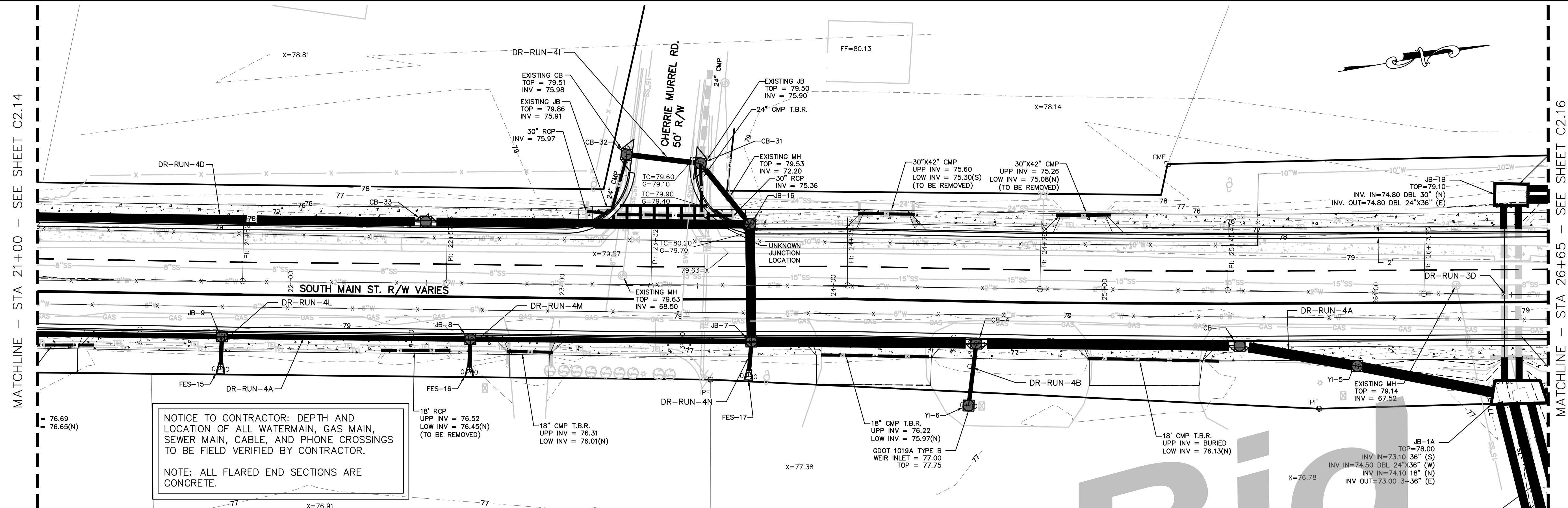
South Main Street Widening
 for
 The City of Hinesville
 Liberty County, Georgia

Drainage Plan & Profile
 DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C2.14

Not for Bid

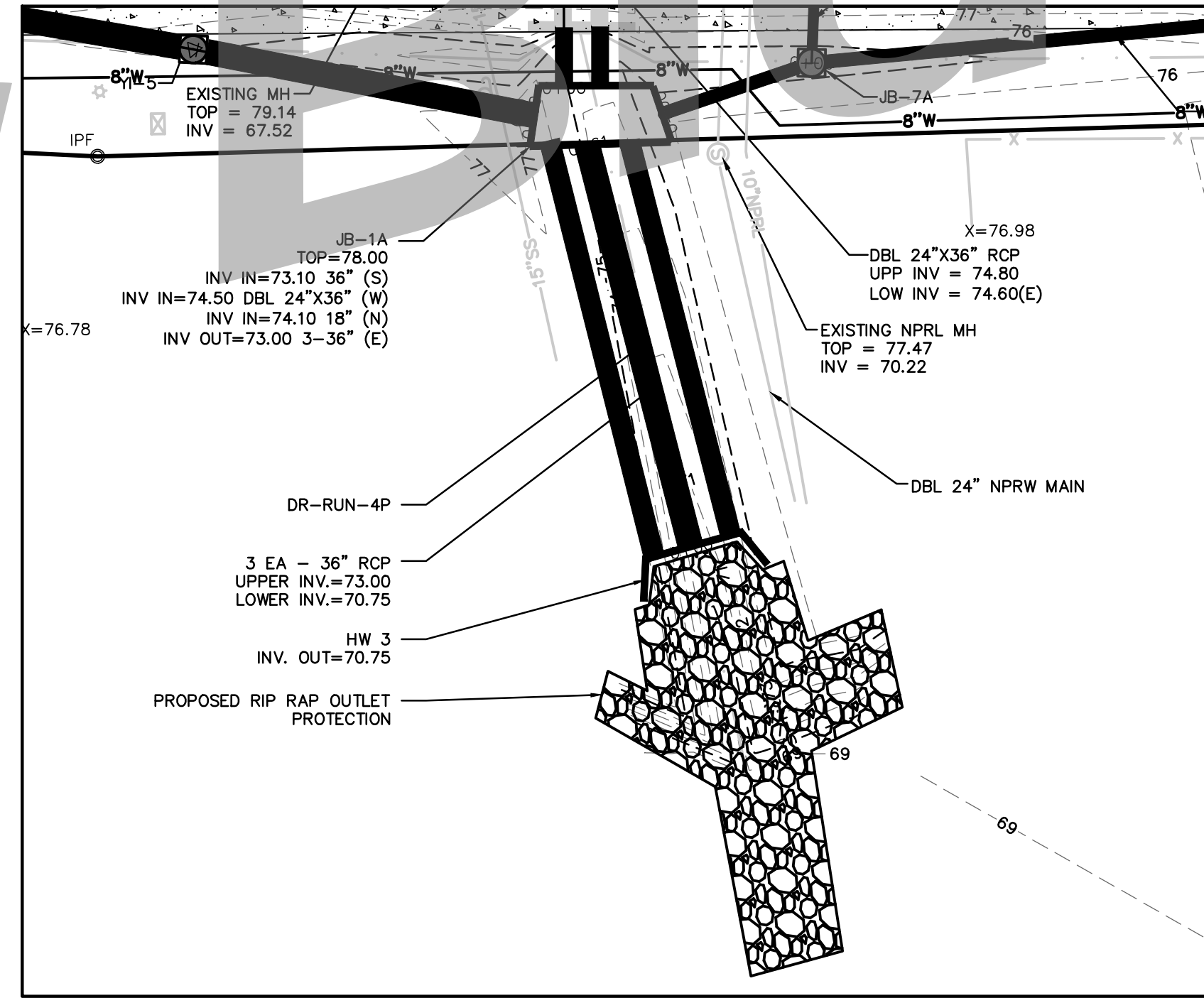
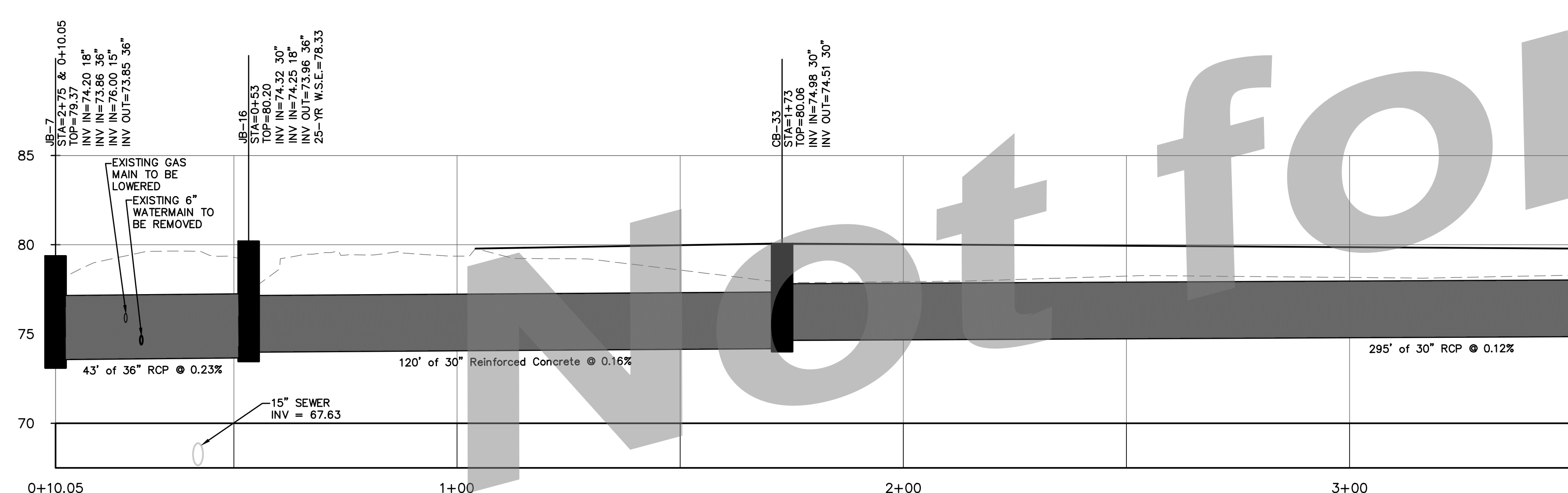
MATCHLINE - STA 21+00 - SEE SHEET C2.14

MATCHLINE - STA 26+65 - SEE SHEET C2.16

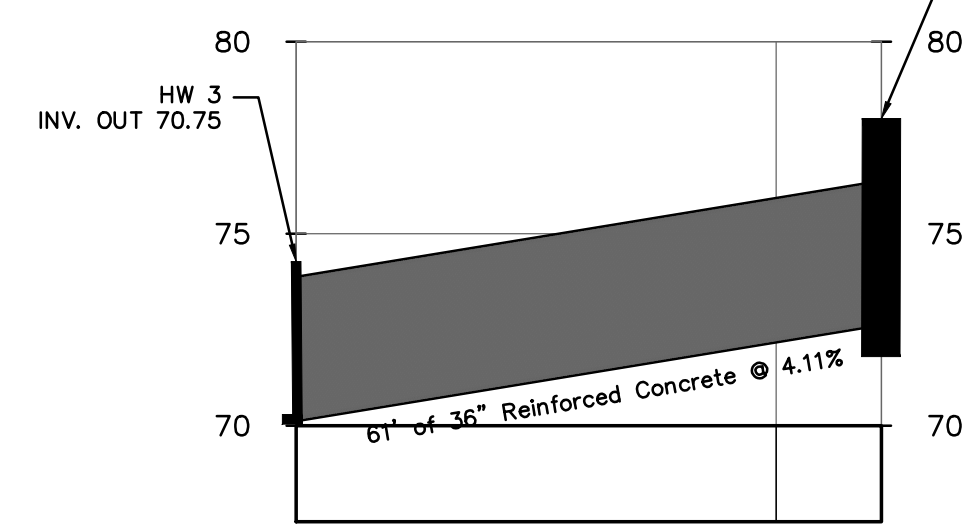
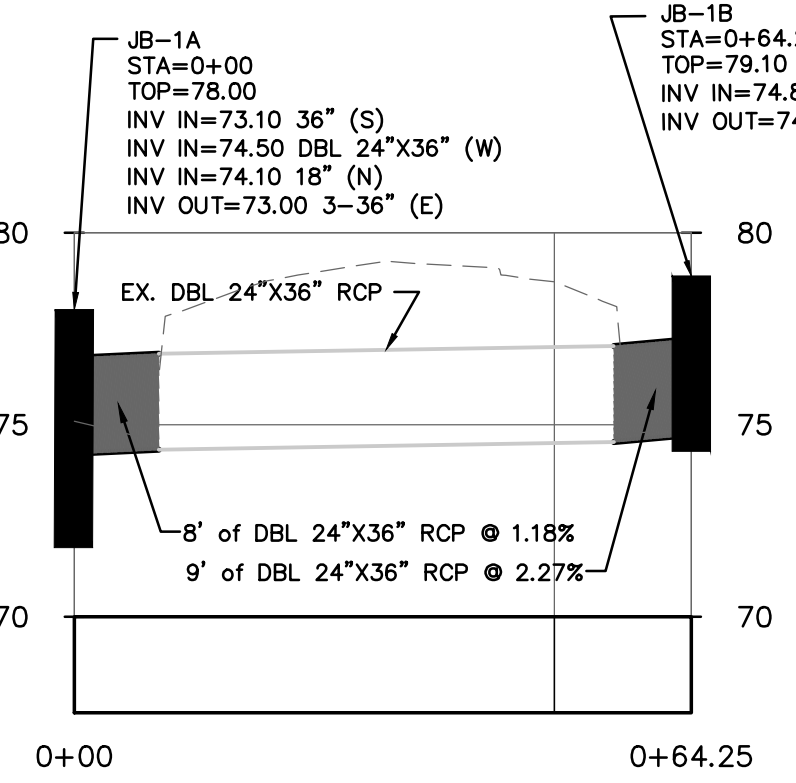
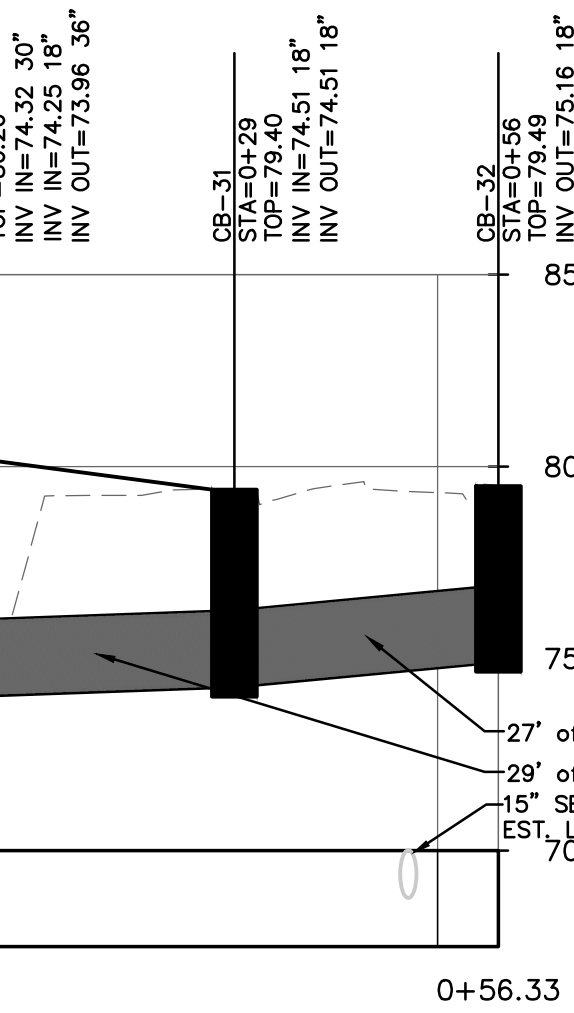


NOTICE TO CONTRACTOR: DEPTH AND LOCATION OF ALL WATERMAIN, GAS MAIN, SEWER MAIN, CABLE, AND PHONE CROSSINGS TO BE FIELD VERIFIED BY CONTRACTOR.

NOTE: ALL FLARED END SECTIONS ARE CONCRETE.



SCALE: 1"=20'



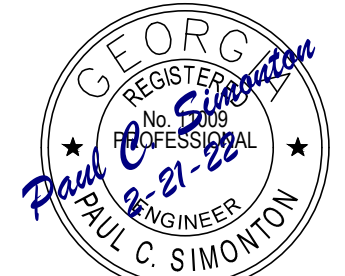
DR-RUN-4I PROFILE VERT. SCALE: 5

DR-RUN-3D PROFILE VERT. SCALE: 5

DR-RUN-4P PROFILE VERT. SCALE: 5

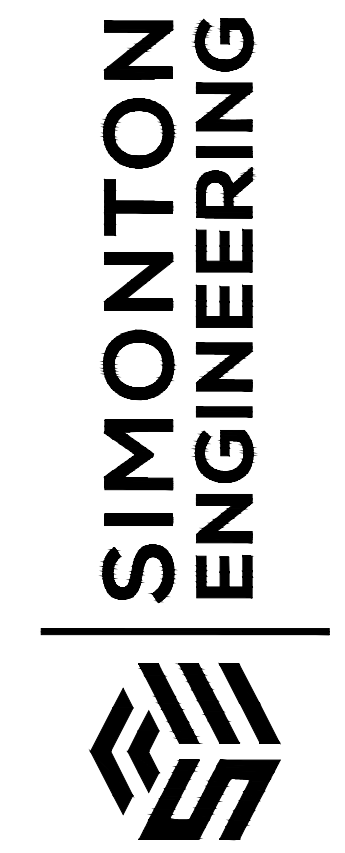
MATCHLINE - STA 3+50 - SEE SHEET C2.13

DRAWING COMPLETED BY:



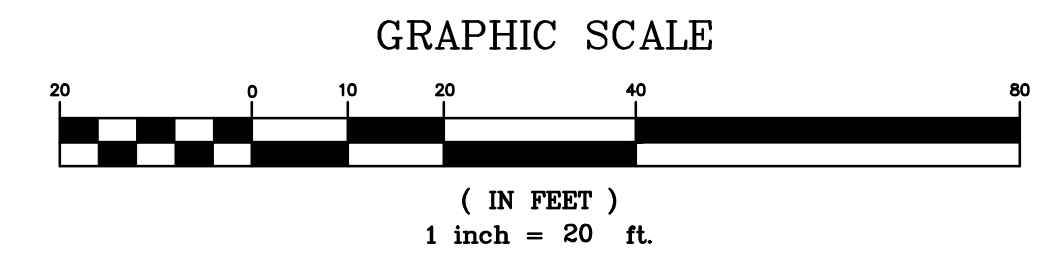
Level II Certification No. 935
Expiration Date: 10-01-23

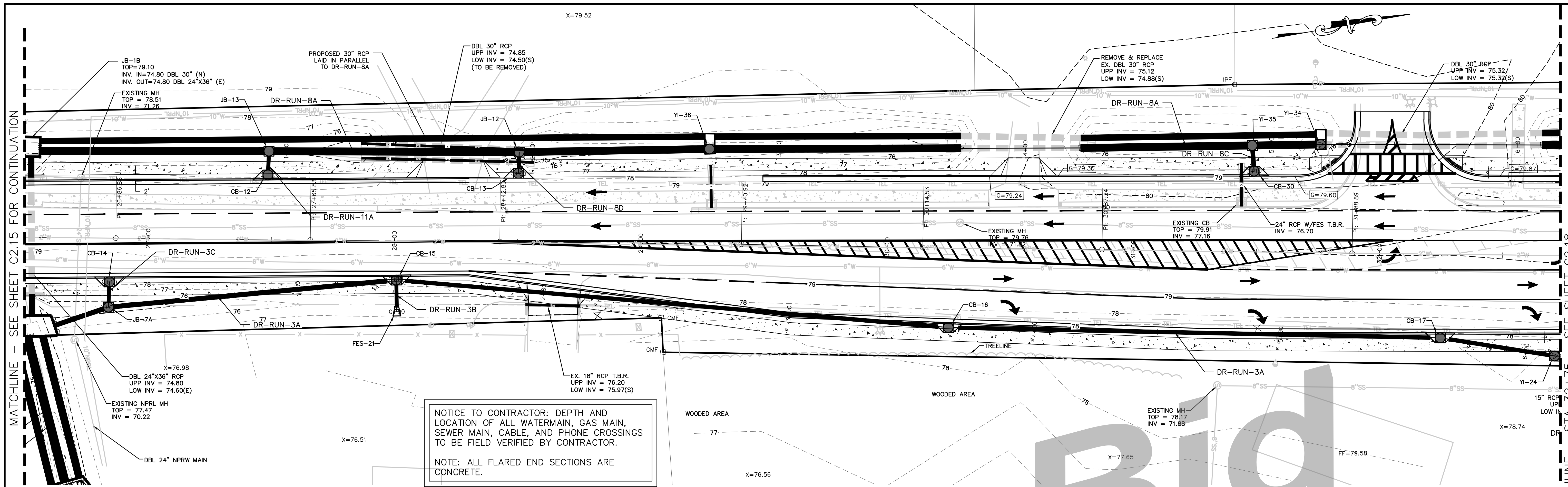
1050 PARKSIDE COMMONS
SUITE 101
GREENSBORO, GA 30642
TEL: (706) 454-0870
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South Main Street Widening
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The City of Hinesville
Liberty County, Georgia

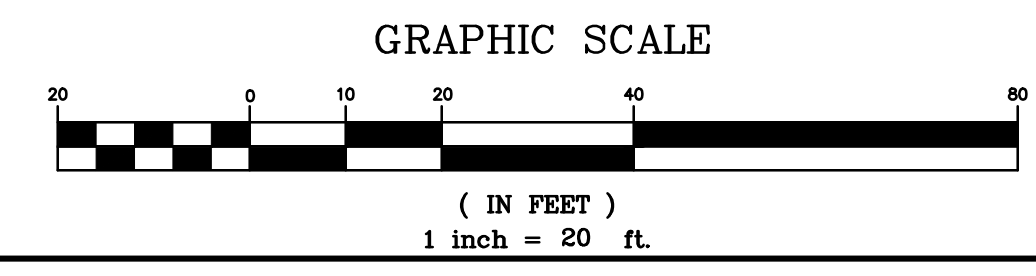
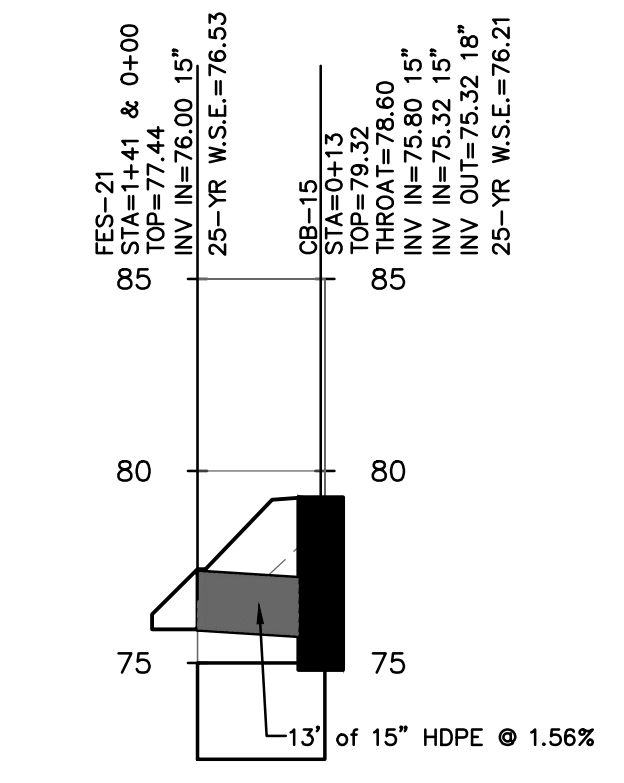
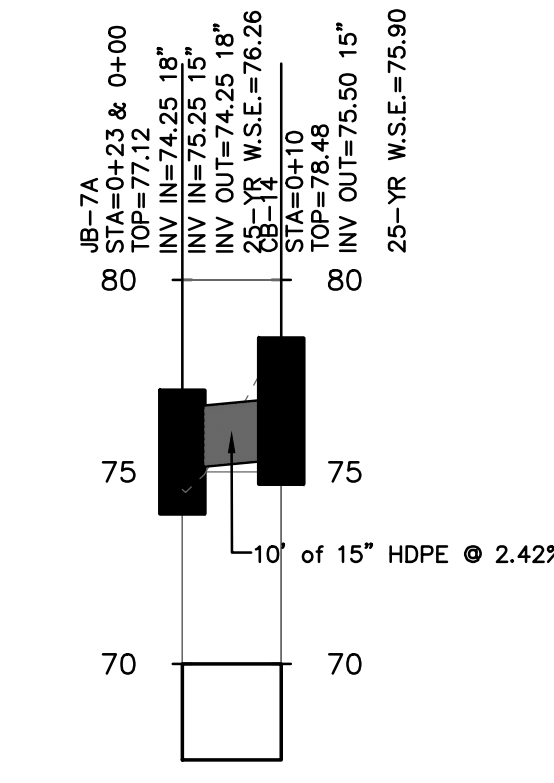
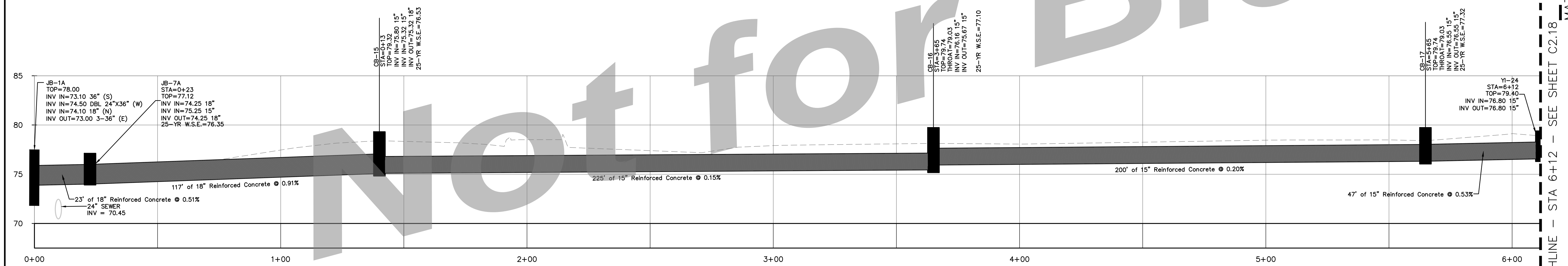
Drainage Plan & Profile
DATE: August 17, 2020
FILE NO: 2010-45PRU
SHEET: C2.15





NOTICE TO CONTRACTOR: DEPTH AND LOCATION OF ALL WATERMAIN, GAS MAIN, SEWER MAIN, CABLE, AND PHONE CROSSINGS TO BE FIELD VERIFIED BY CONTRACTOR.

NOTE: ALL FLARED END SECTIONS ARE CONCRETE.



DRAWING COMPLETED BY: [Name]

REVISIONS:

MATCHLINE - STA 32+75 - SEE SHEET C2.18

MATCHLINE - STA 6+12 - SEE SHEET C2.18

MATCHLINE - SEE SHEET C2.15 FOR CONTINUATION

MATCHLINE - STA 32+75 - SEE SHEET C2.18

MATCHLINE - STA 6+12 - SEE SHEET C2.18

Level II Certification No. 935
Expiration Date: 10-01-23

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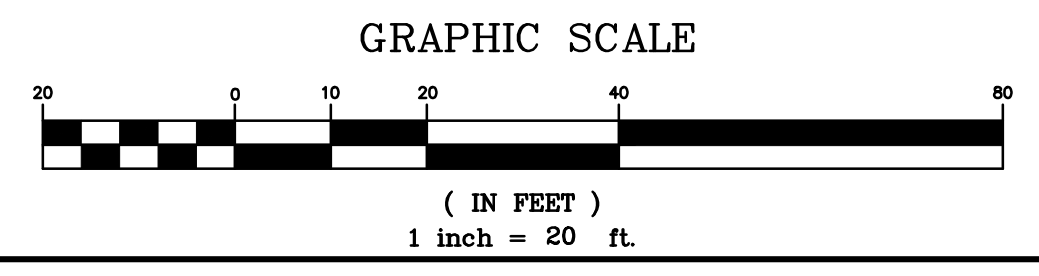
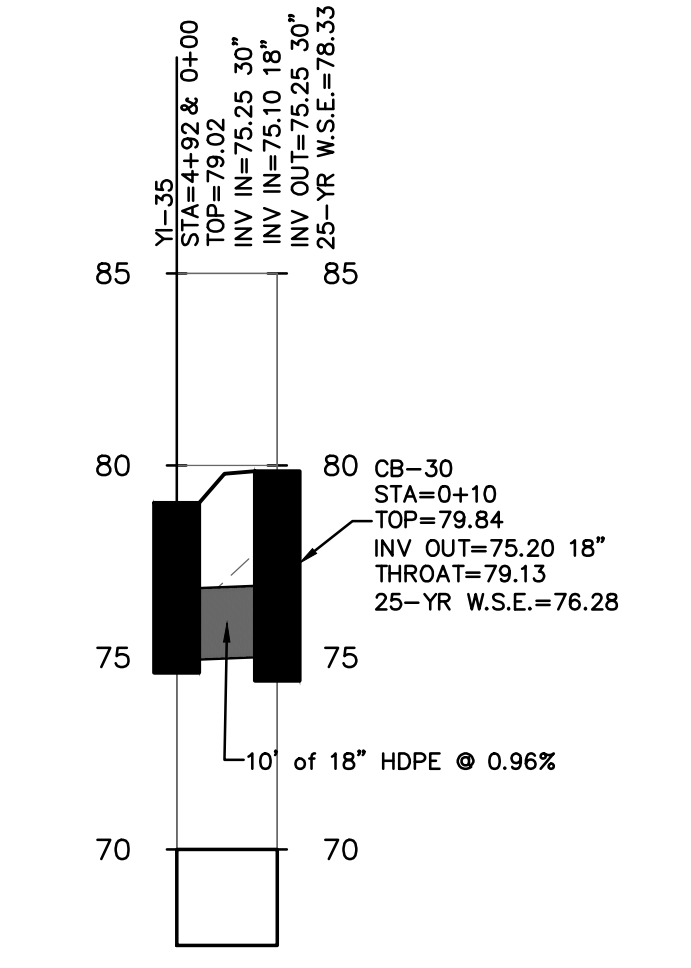
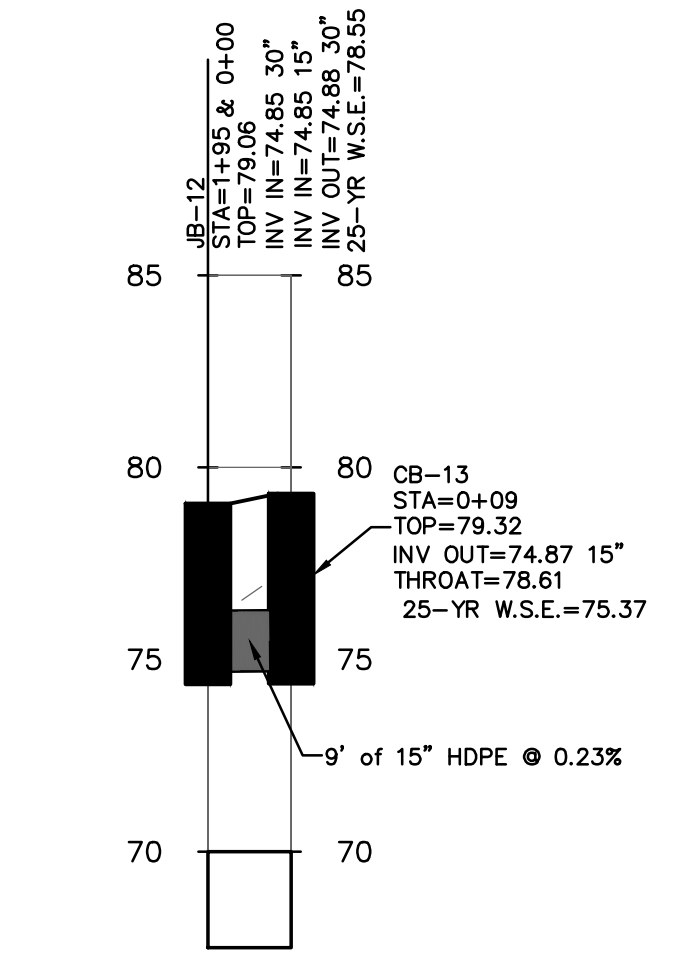
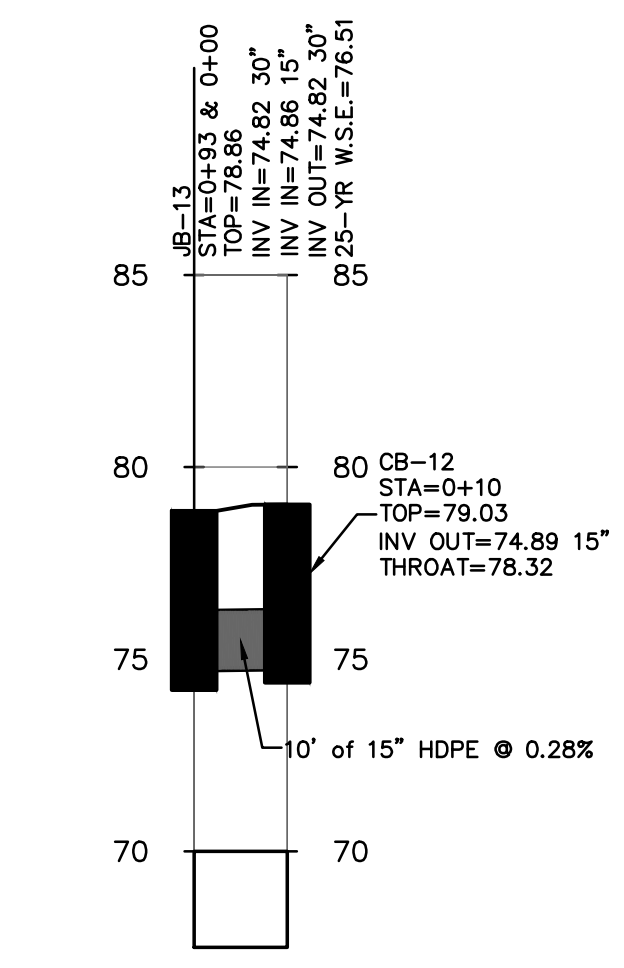
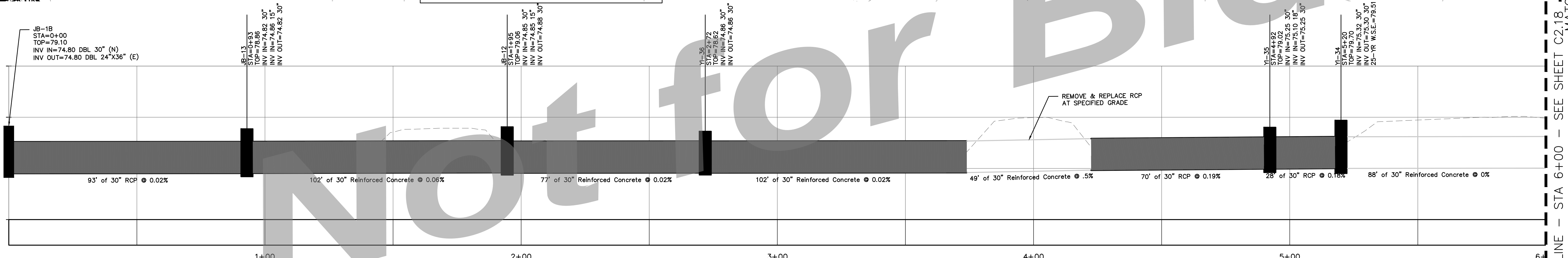
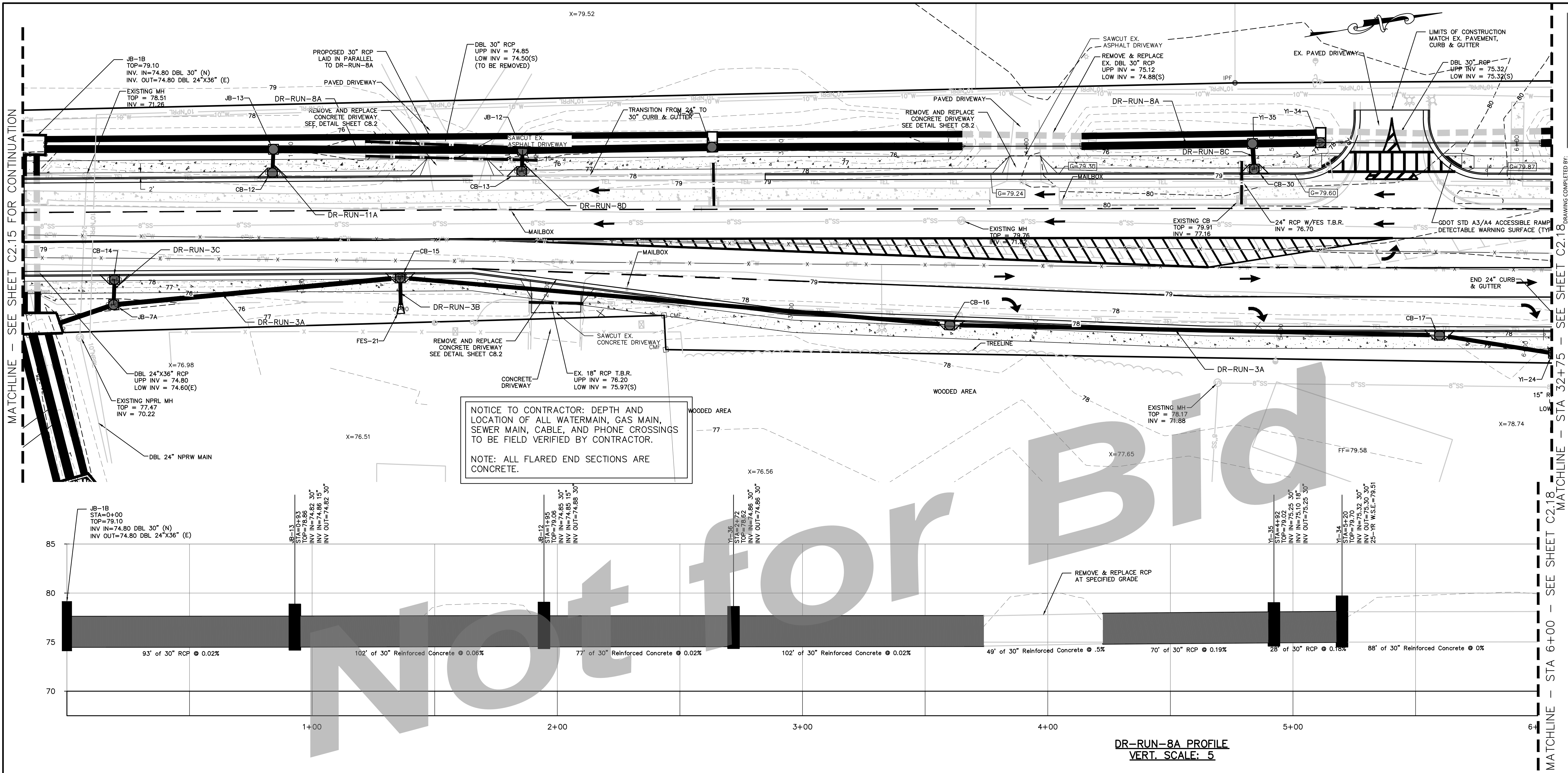
309 N. MAIN ST.
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South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Drainage Plan & Profile

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C2.16



MATCHLINE - SEE SHEET C2.15 FOR CONTINUATION

MATCHLINE - STA 6+00 - SEE SHEET C2.18

DRAWING COMPLETED BY: [Signature]

REVISIONS:
Level II Certification No. 935
Expiration Date: 10-01-23

1050 PARKSIDE COMMONS
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SUITE 101
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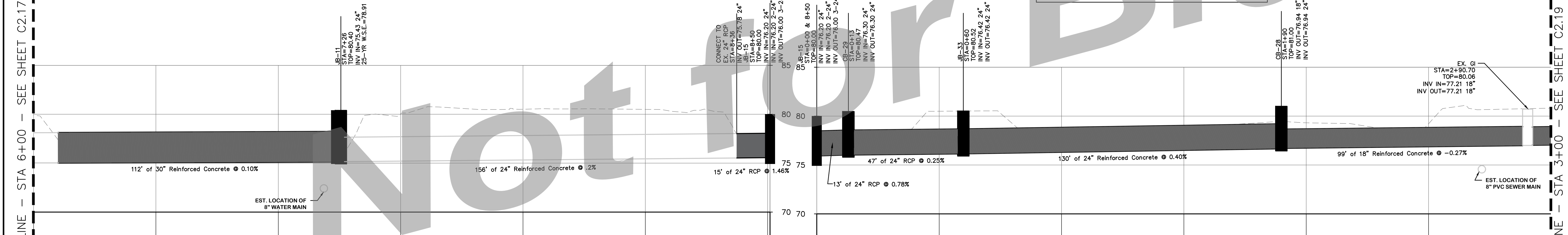
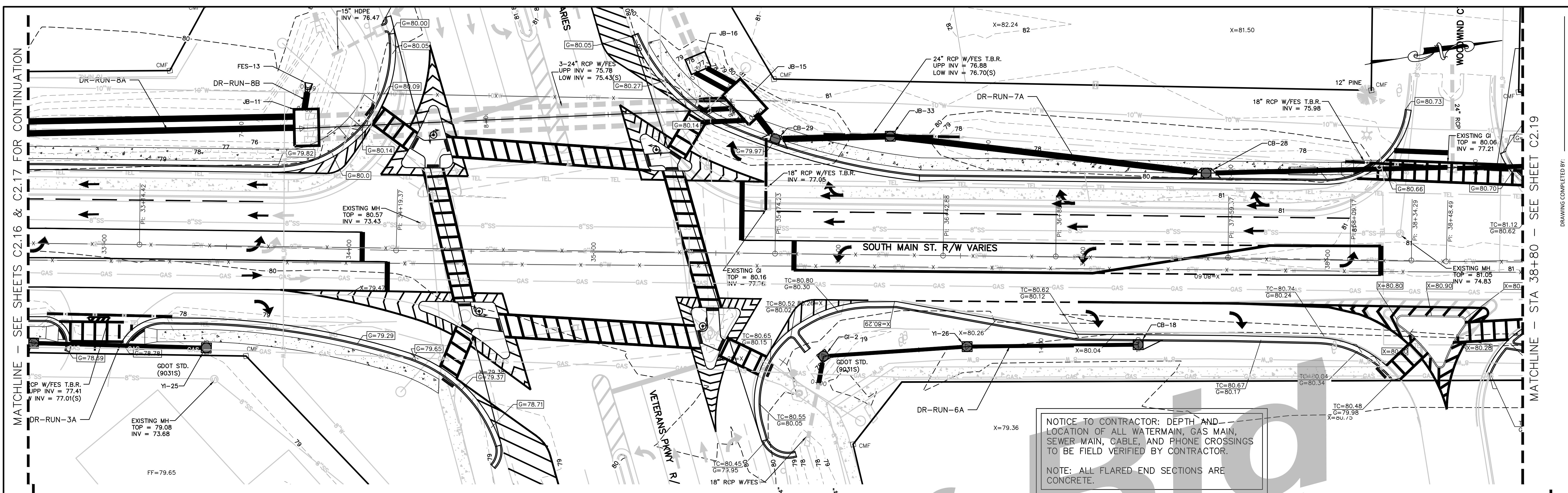
309 N. MAIN ST.
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South Main Street Widening
for
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Liberty County, Georgia

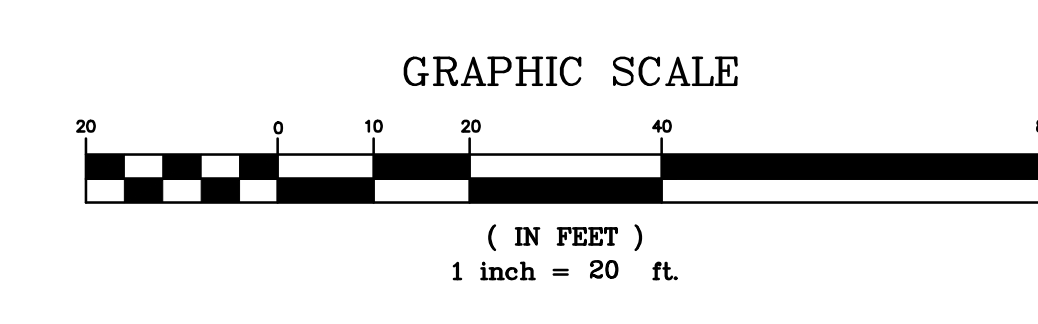
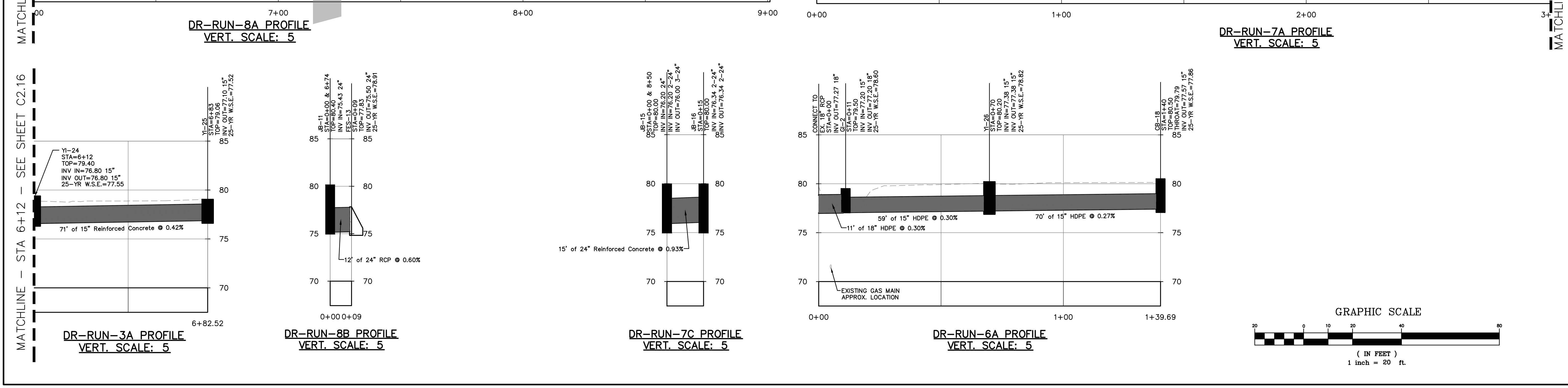
Drainage Plan & Profile

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C2.17



NOTICE TO CONTRACTOR: DEPTH AND LOCATION OF ALL WATERMAIN, GAS MAIN, SEWER MAIN, CABLE, AND PHONE CROSSINGS TO BE FIELD VERIFIED BY CONTRACTOR.

NOTE: ALL FLARED END SECTIONS ARE CONCRETE.



MATCHLINE - SEE SHEETS C2.16 & C2.17 FOR CONTINUATION

MATCHLINE - STA 6+00 - SEE SHEET C2.17

MATCHLINE - STA 6+12 - SEE SHEET C2.16

MATCHLINE - STA 38+80 - SEE SHEET C2.19

MATCHLINE - STA 3+00 - SEE SHEET C2.19

Level II Certification No. 935
Expiration Date: 10-01-23

1050 PARKSIDE COMMONS
SUITE 101
GREENSBORO, GA 30642
TEL: (706) 454-0870

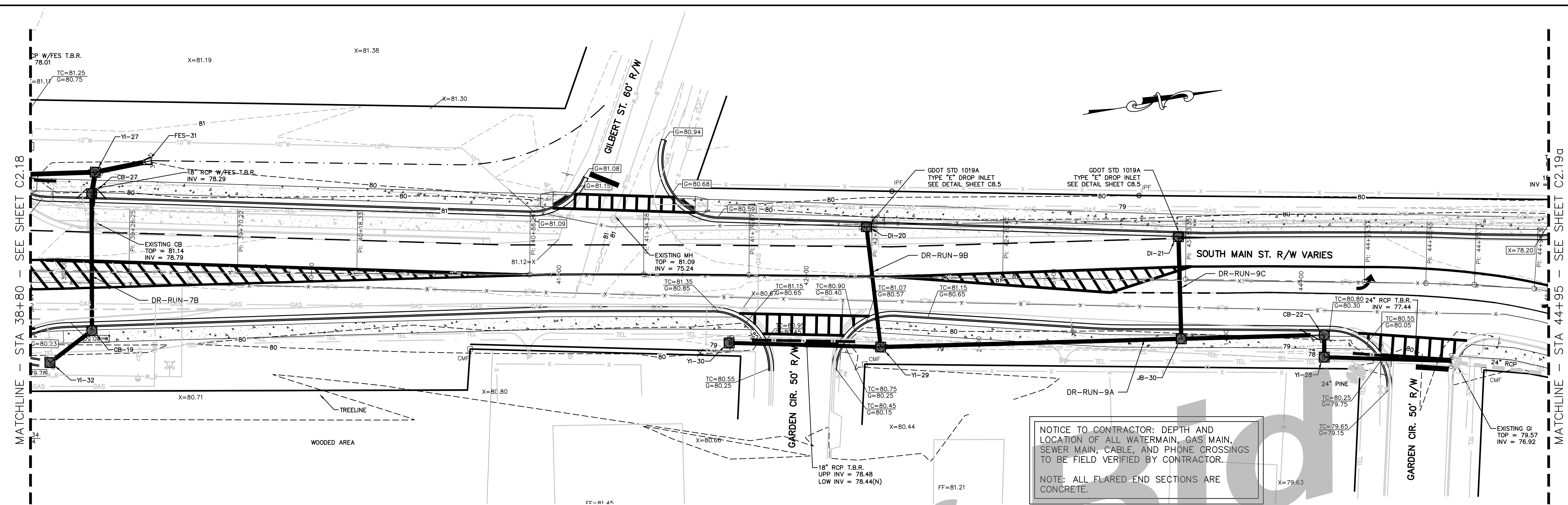
308 N. MAIN ST.
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HINESVILLE, GA 31313
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South Main Street Widening
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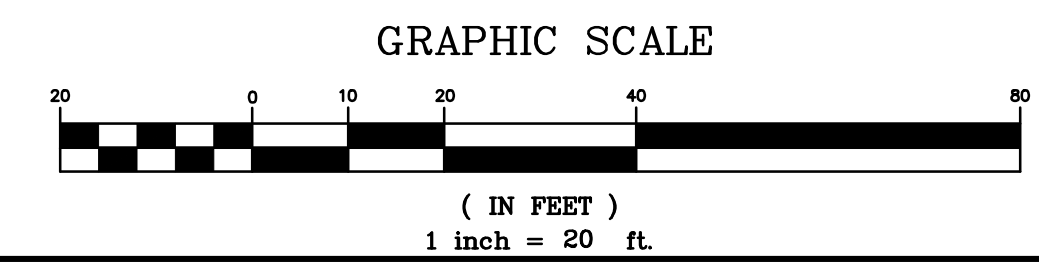
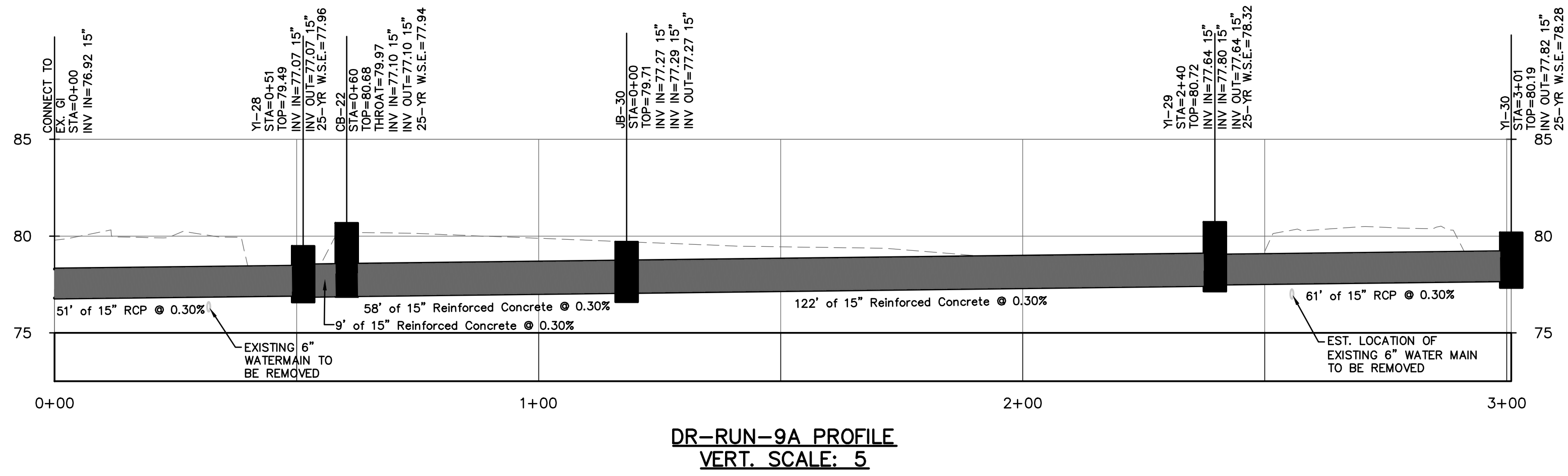
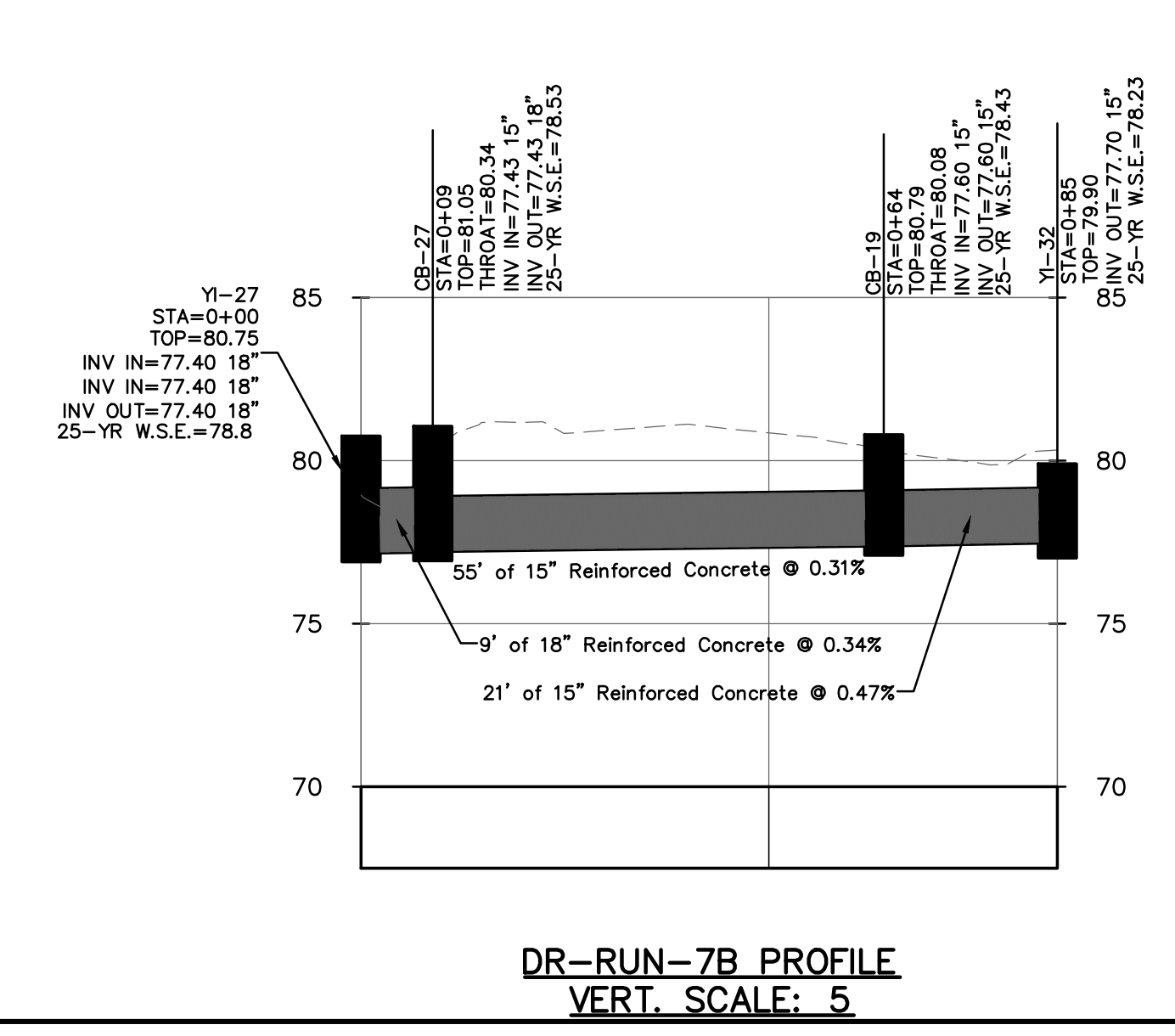
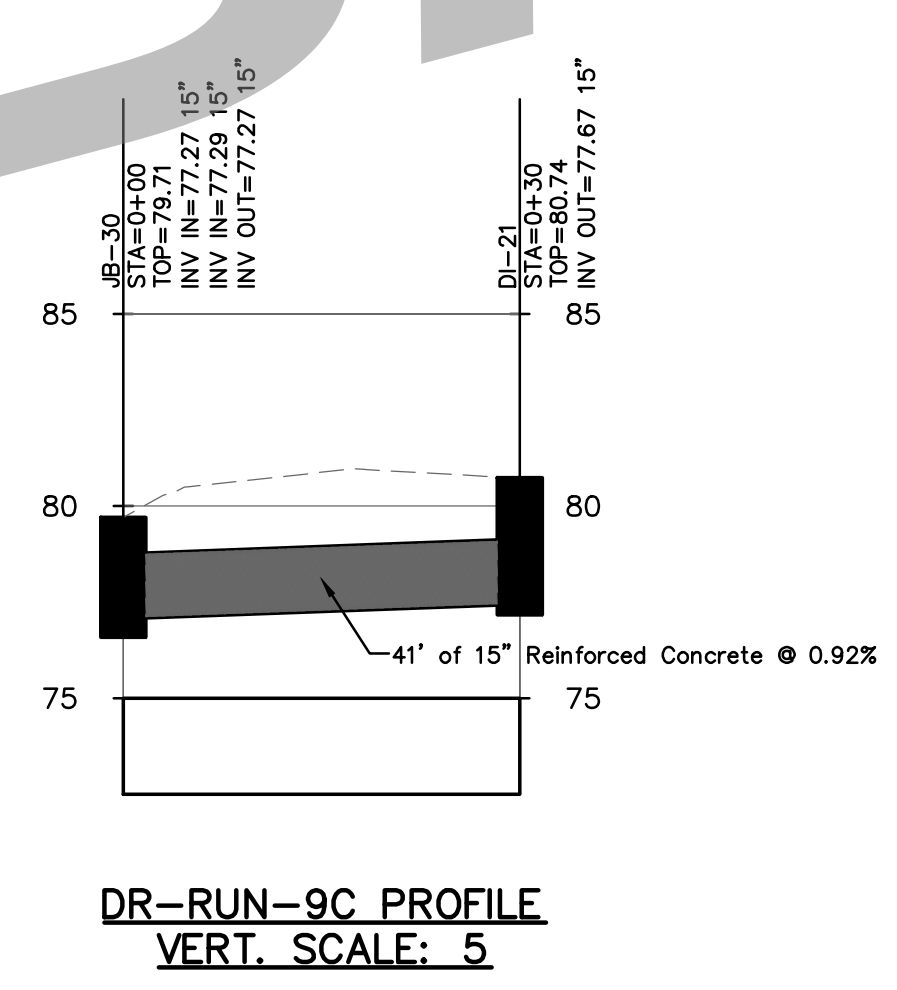
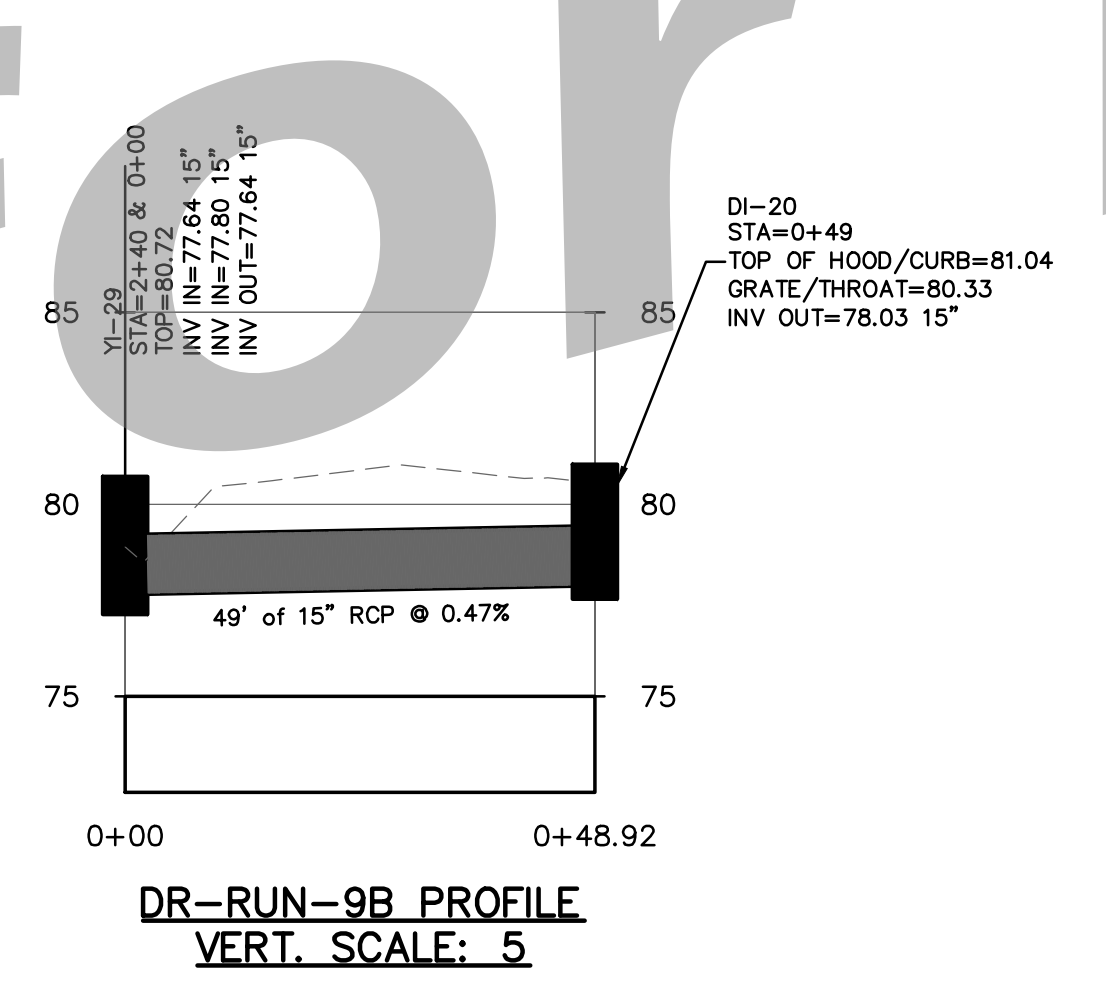
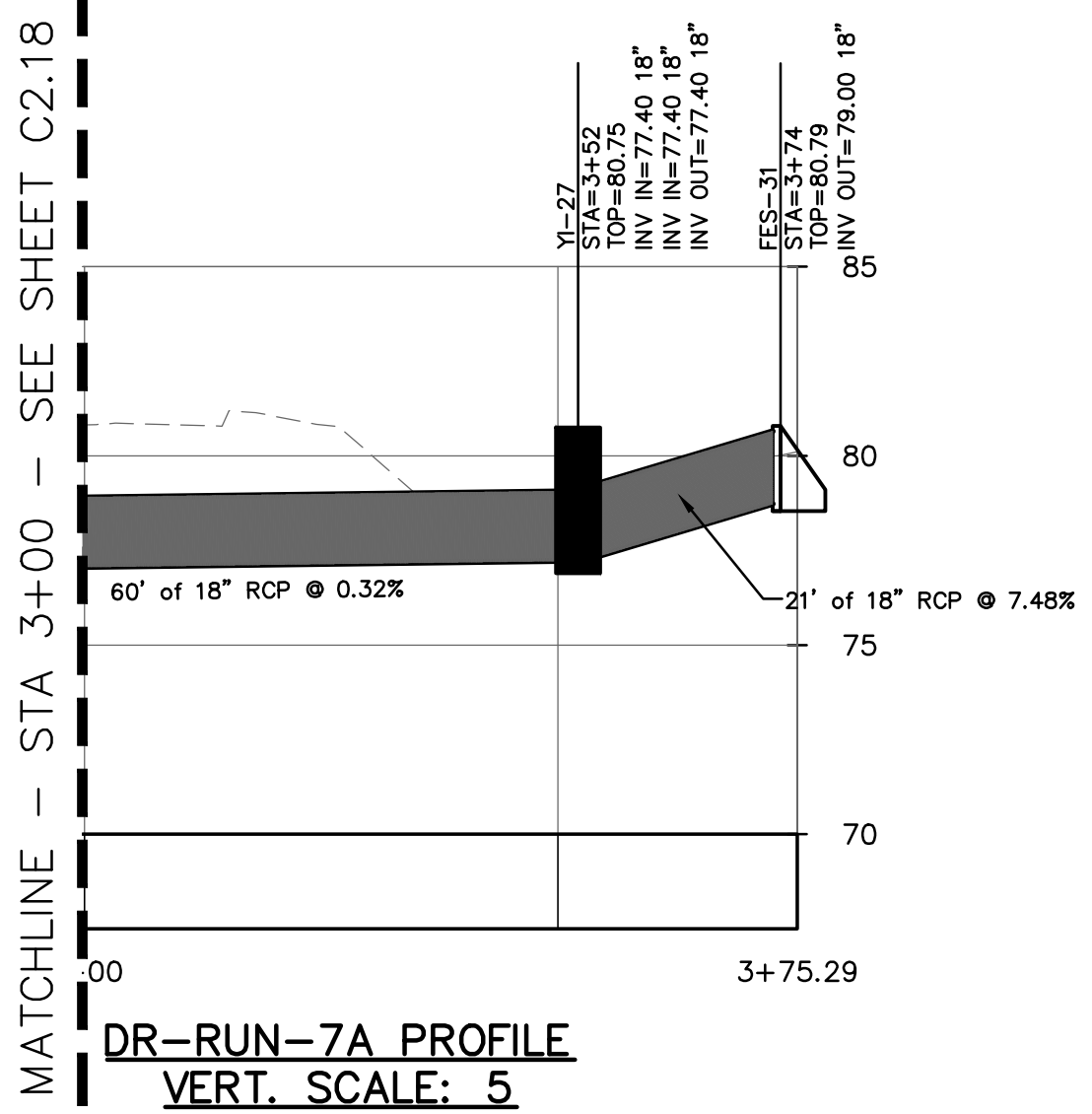
Drainage Plan & Profile

DATE: AUGUST 17, 2020
FILE NO: 2010-45PRU
SHEET: C2.18



NOTICE TO CONTRACTOR: DEPTH AND LOCATION OF ALL WATERMAIN, GAS MAIN, SEWER MAIN, CABLE, AND PHONE CROSSINGS TO BE FIELD VERIFIED BY CONTRACTOR.

NOTE: ALL FLARED END SECTIONS ARE CONCRETE.



Not for Bid

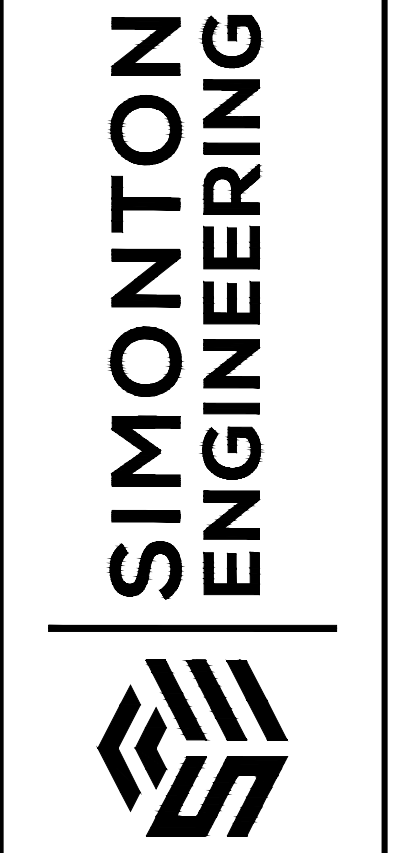
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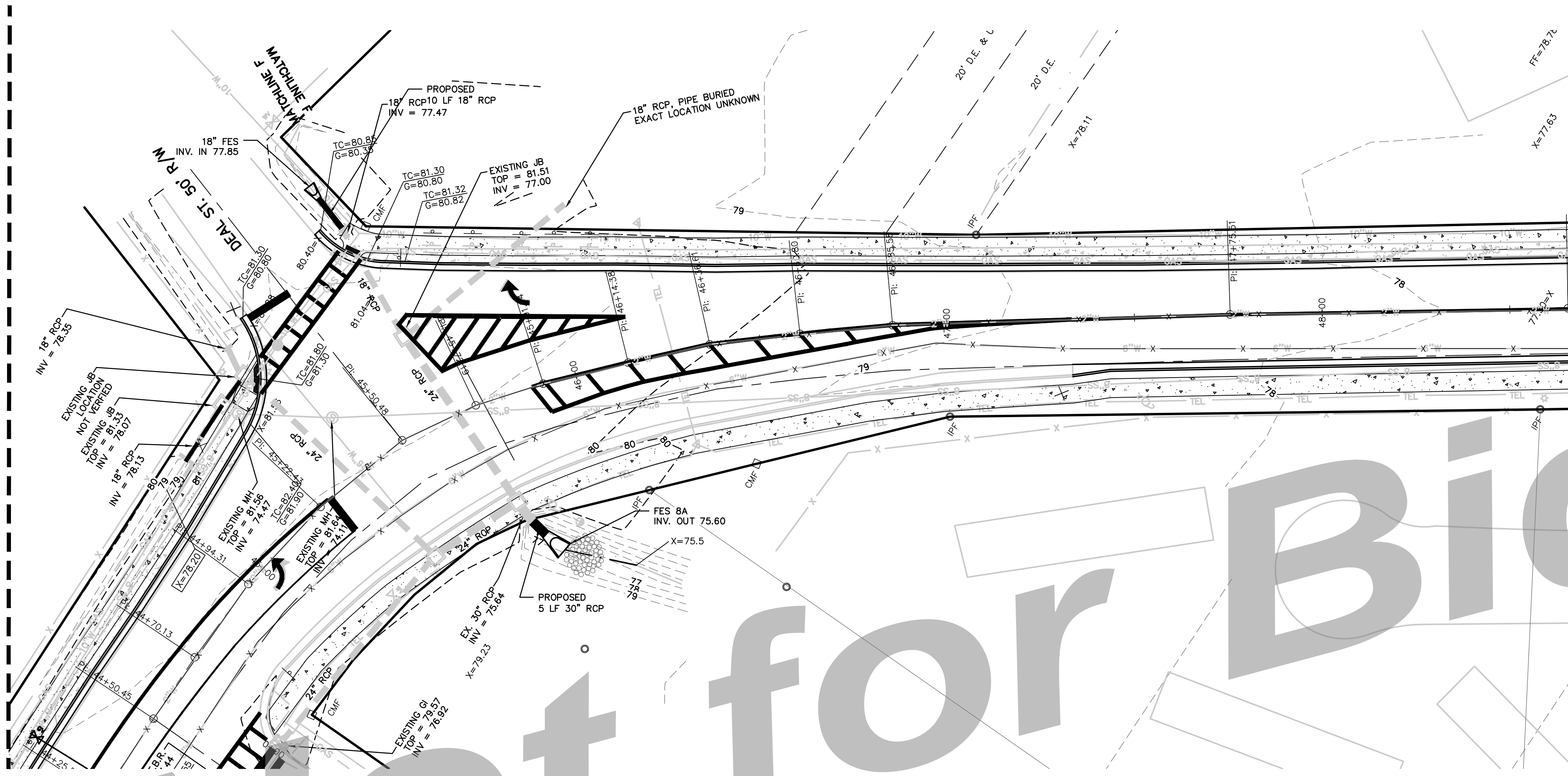
309 N. MAIN ST.
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South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Drainage Plan & Profile
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C2.19

MATCHLINE - STA 44+25 - SEE SHEET C2.19

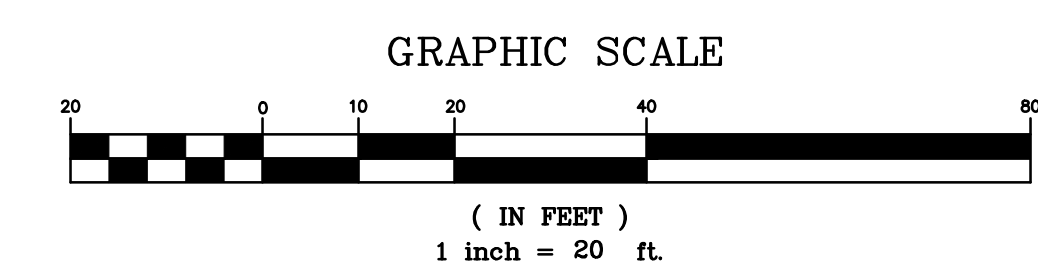


NOTICE TO CONTRACTOR: DEPTH AND LOCATION OF ALL WATERMAIN, GAS MAIN, SEWER MAIN, CABLE, AND PHONE CROSSINGS TO BE FIELD VERIFIED BY CONTRACTOR.

NOTE: ALL FLARED END SECTIONS ARE CONCRETE.

MATCHLINE - STA 48+65 - SHEET C2.20

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REVISED: _____

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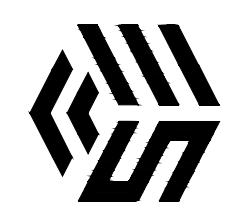


Level II Certification No. 935
Expiration Date: 10-01-23

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SUITE 101
GREENSBORO, GA 30642
TEL: (706) 454-0870

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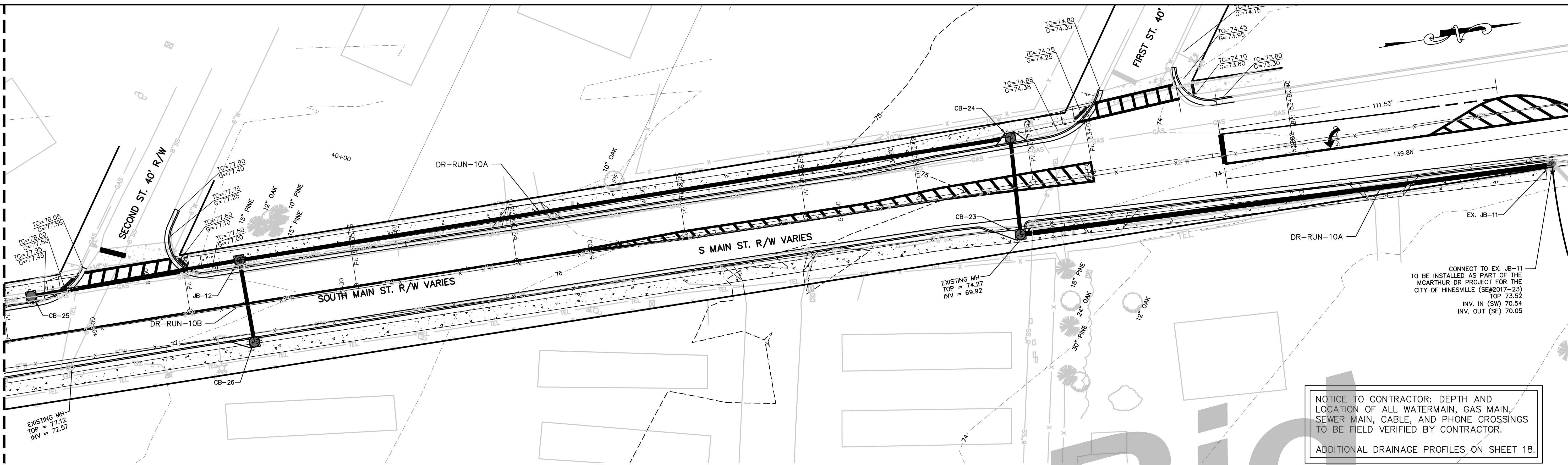


South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Drainage Plan & Profile

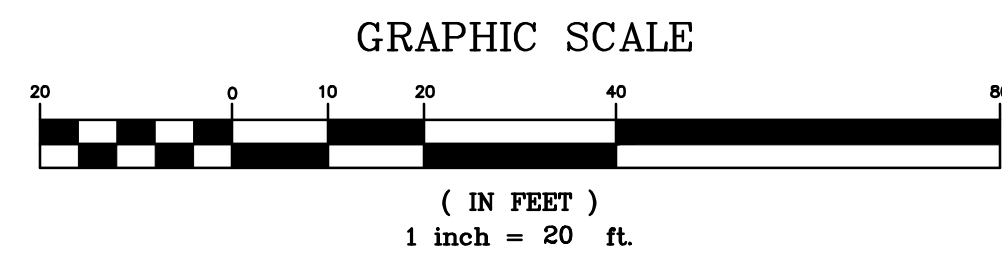
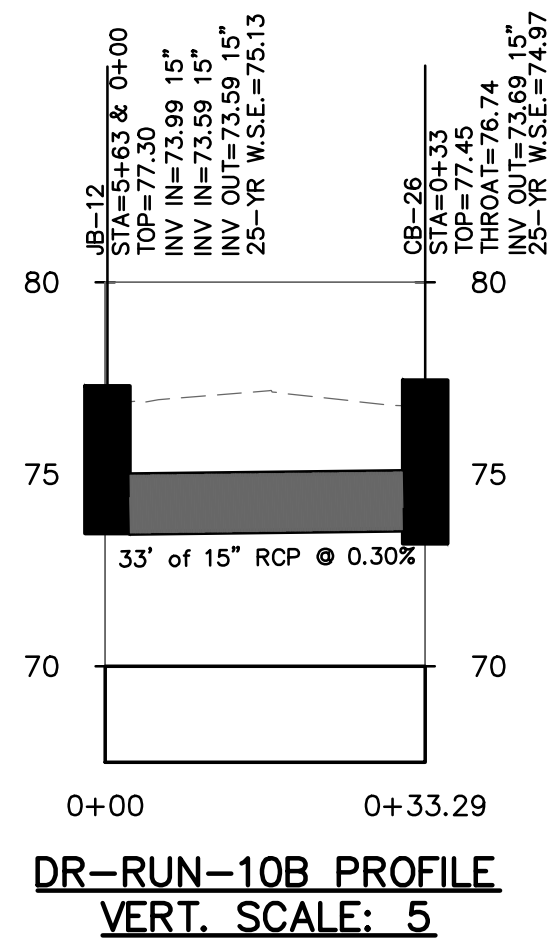
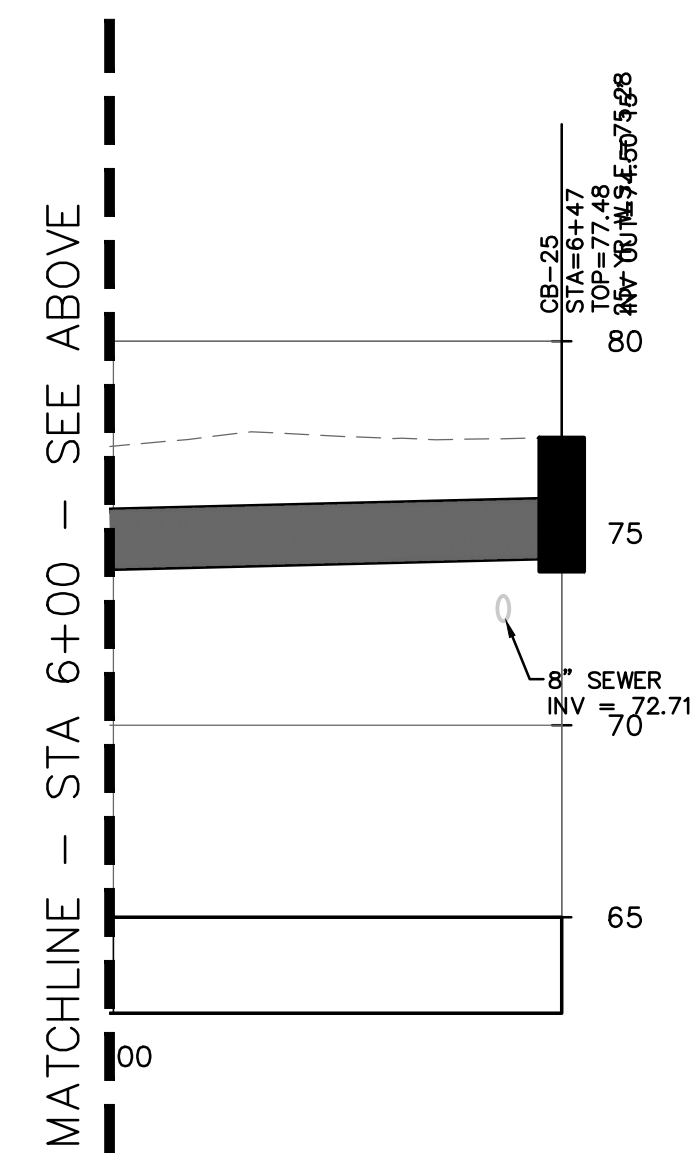
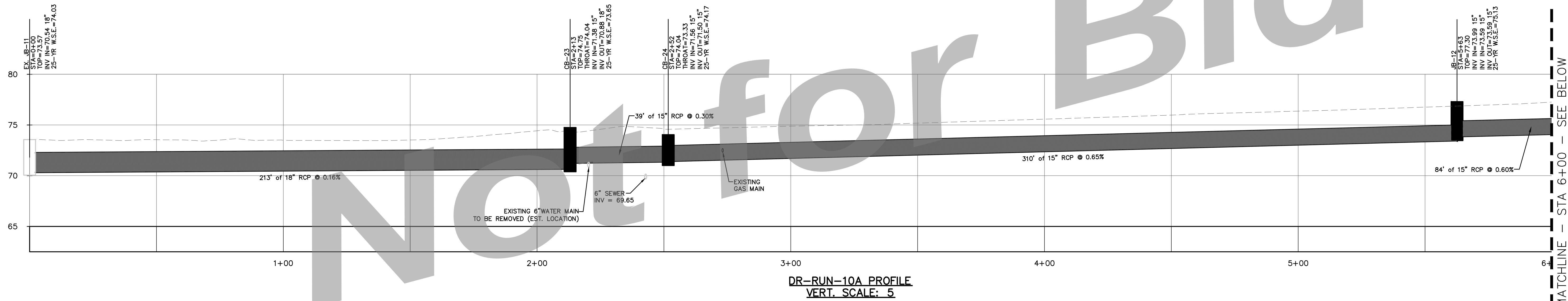
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C2.19a

MATCHLINE - STA 48+65 - SEE SHEET C2.19a



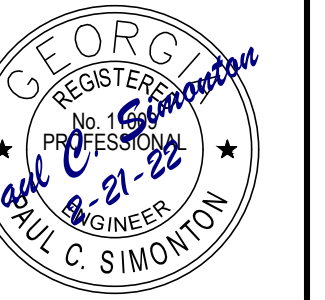
CONNECT TO EX. JB-11
TO BE INSTALLED AS PART OF THE
MCARTHUR DR PROJECT FOR THE
CITY OF HINESVILLE (SE#2017-23)
13P 73.52
INV. IN (SW) 70.54
INV. OUT (SE) 70.05

NOTICE TO CONTRACTOR: DEPTH AND
LOCATION OF ALL WATERMAIN, GAS MAIN,
SEWER MAIN, CABLE, AND PHONE CROSSINGS
TO BE FIELD VERIFIED BY CONTRACTOR.
ADDITIONAL DRAINAGE PROFILES ON SHEET 18.



DRAWING COMPLETED BY:

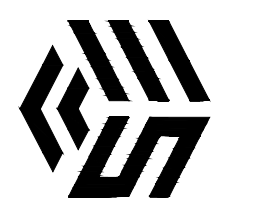
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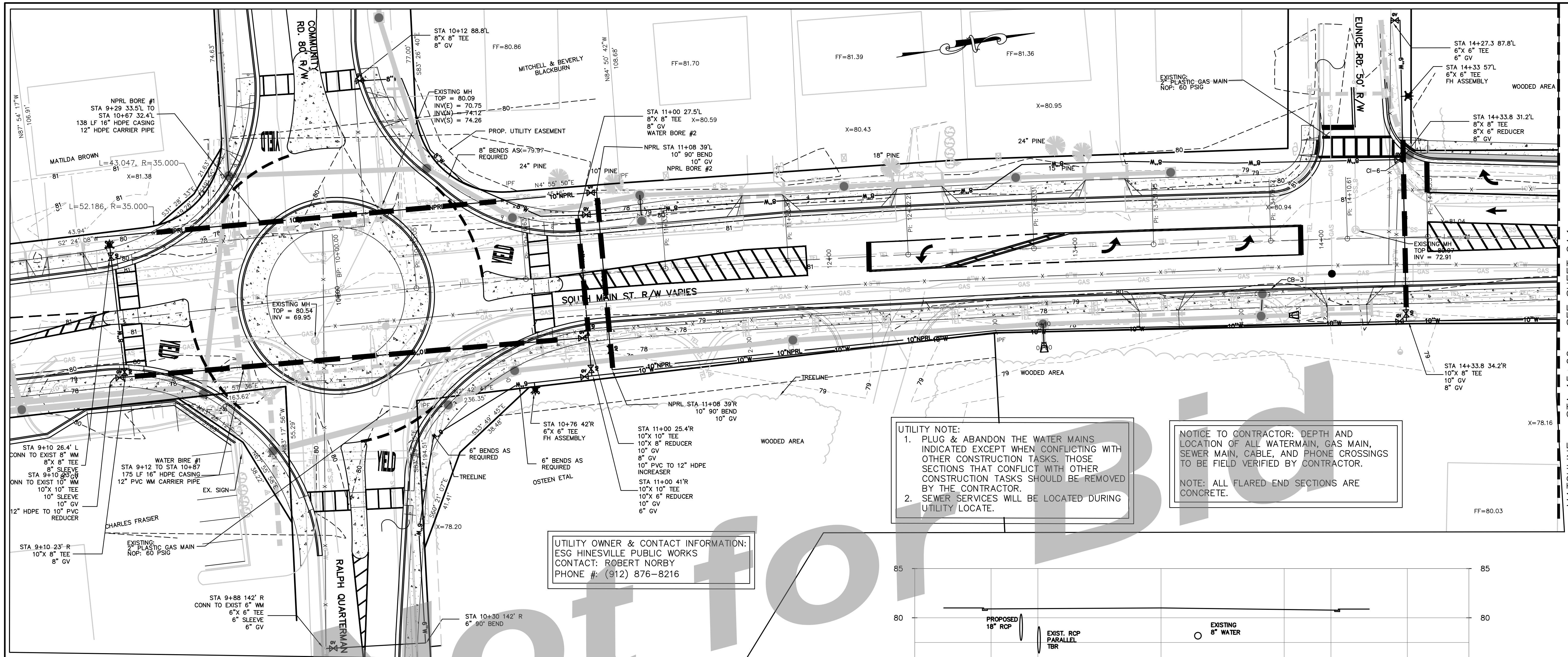
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South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Drainage Plan & Profile

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C2.20

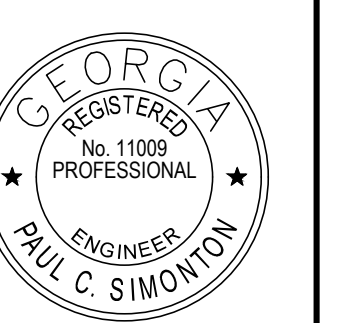


DRAWING COMPLETED BY: 6-6-22 added utility cross sections

MATCHLINE - STA 15+00 - SEE SHEET C4.1

REVISION: 6-6-22 added utility cross sections

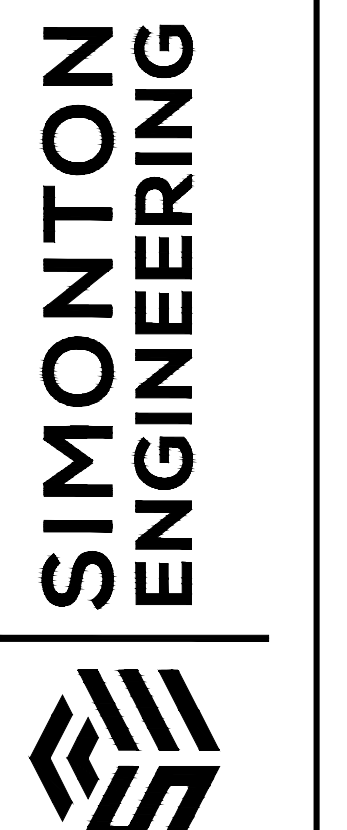
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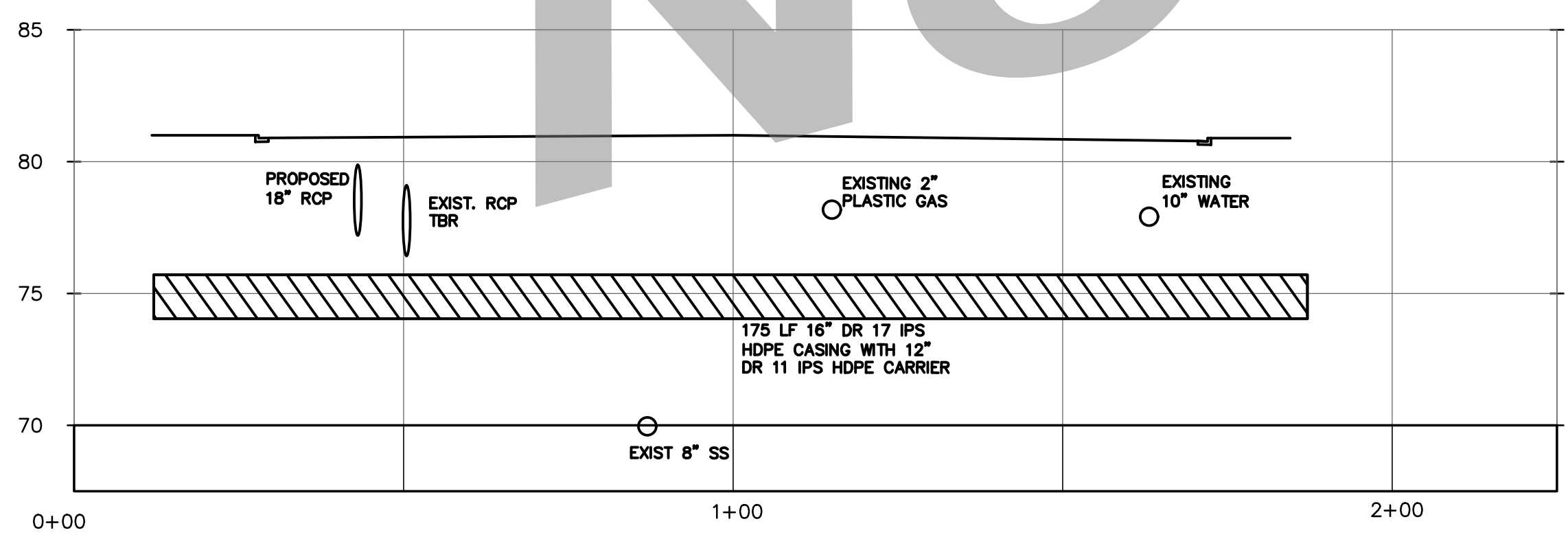
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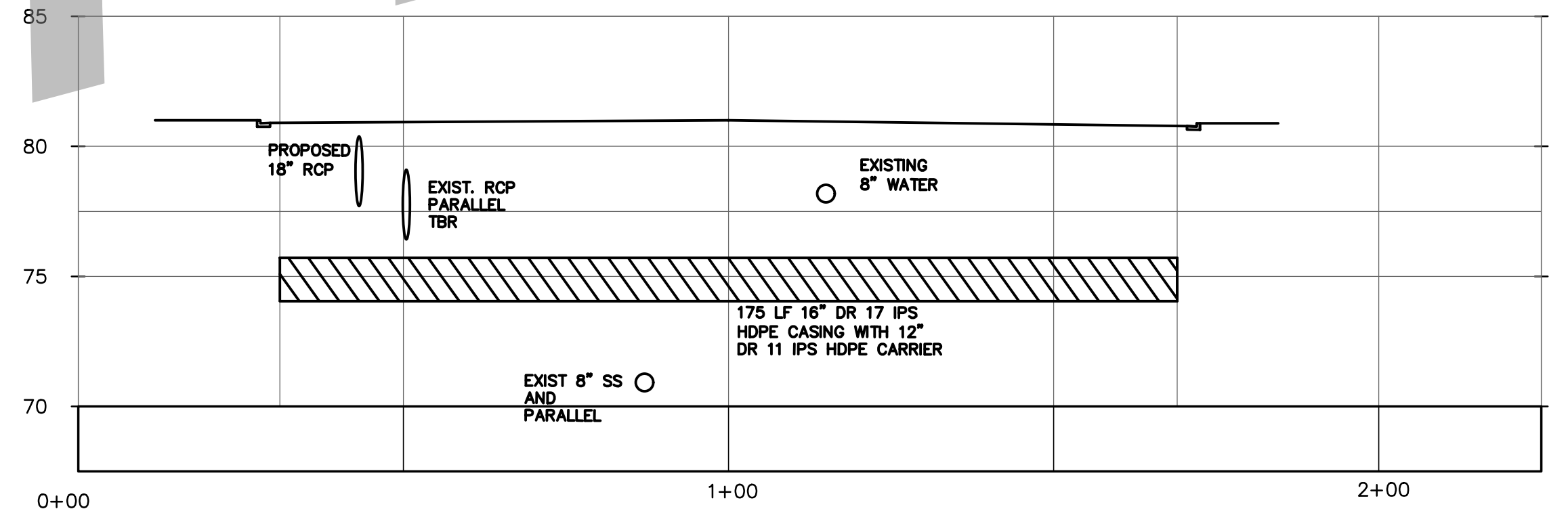


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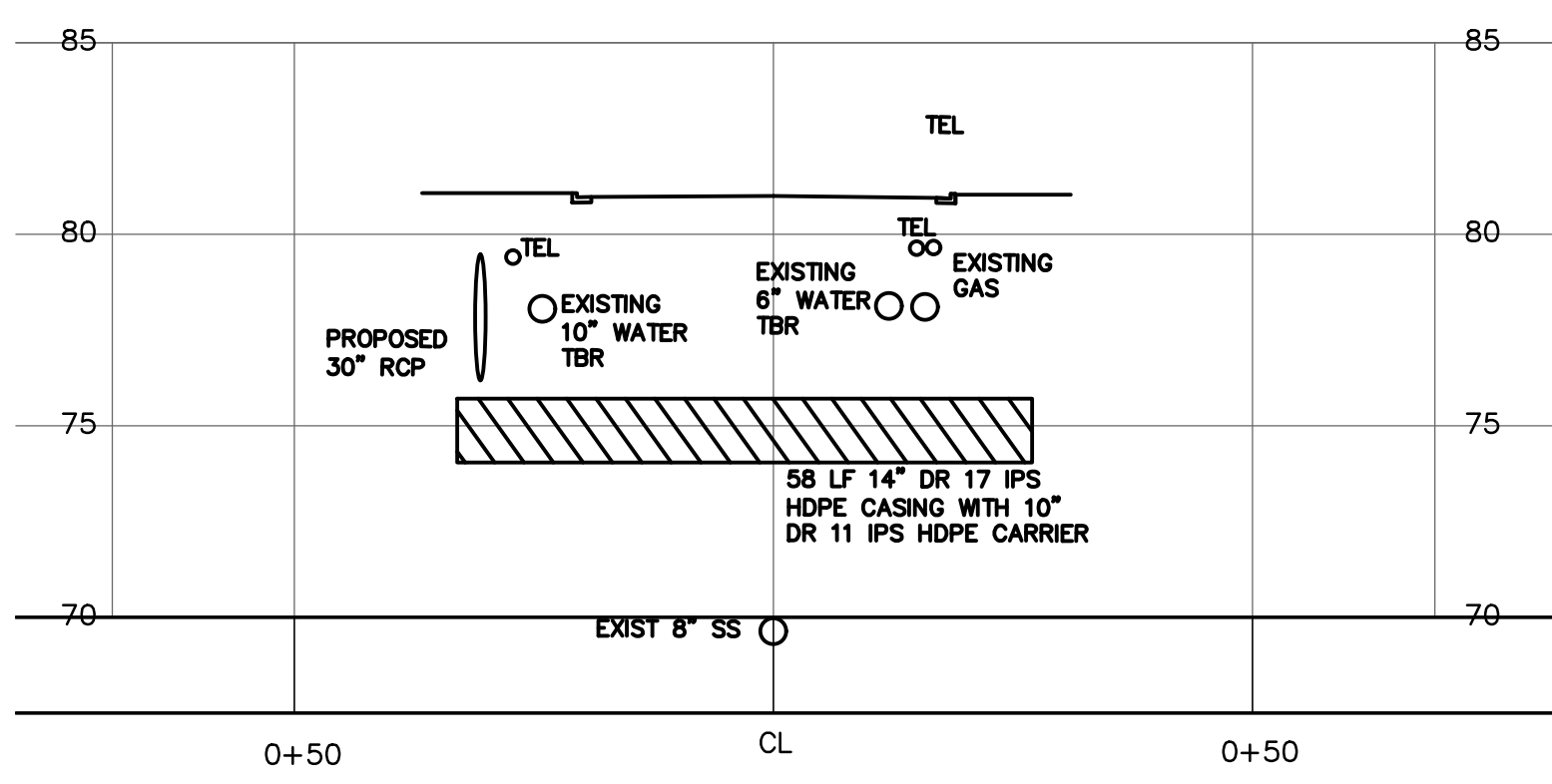
Utility Plan
 DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C4.0



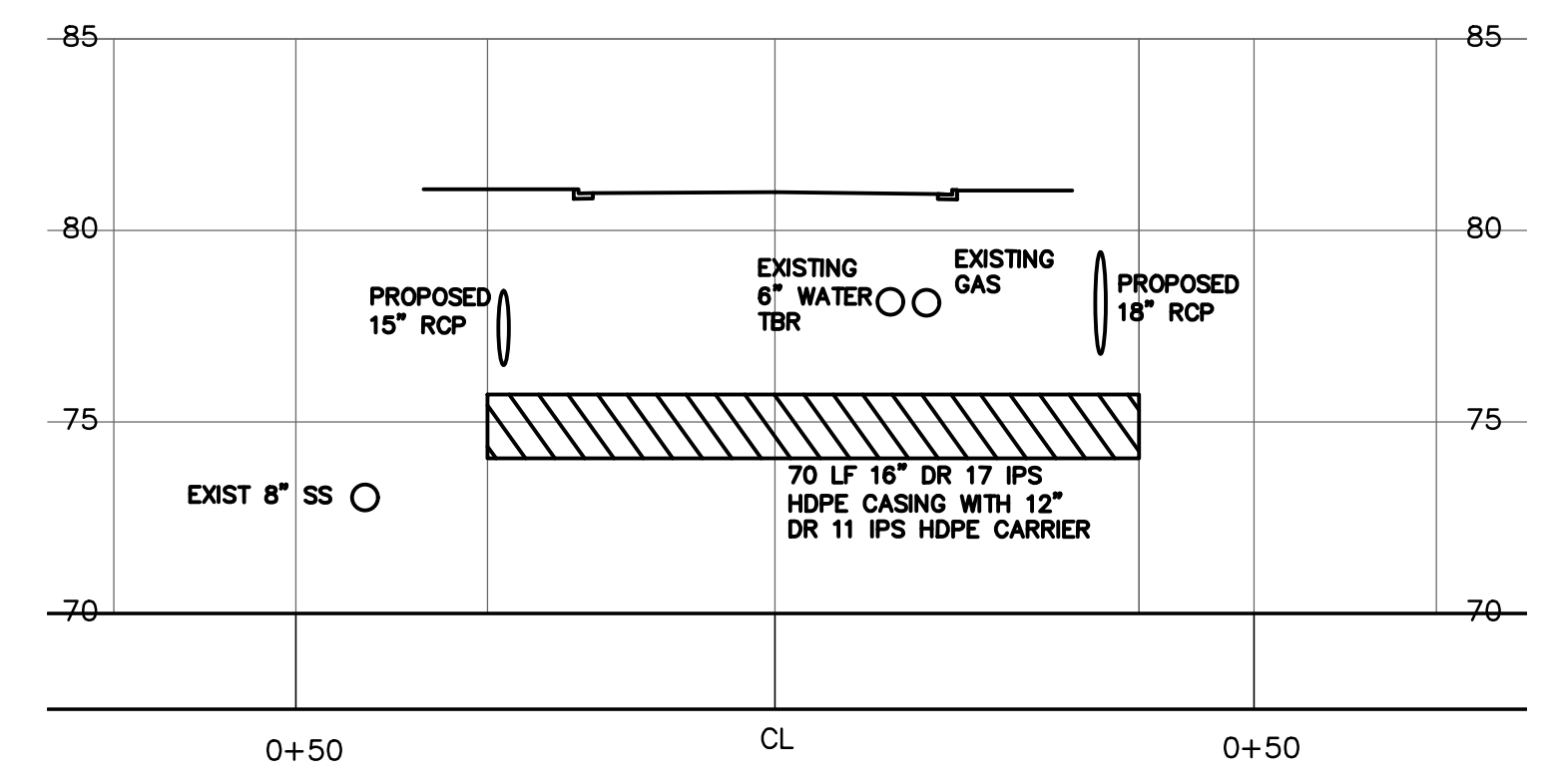
S. Main Water Main Bore #1 PROFILE
 VERT. SCALE: 5



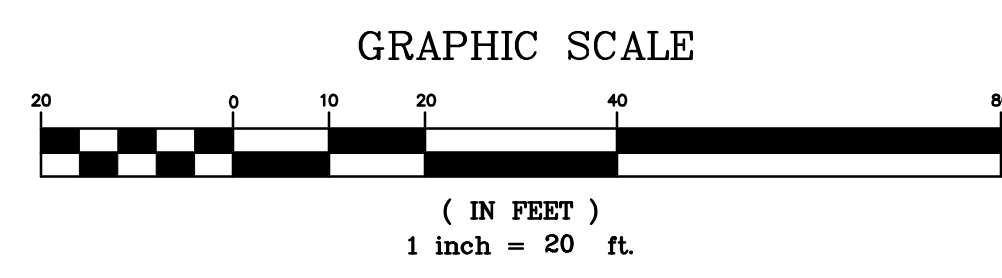
S. Main NPRL Main Bore #1 PROFILE
 VERT. SCALE: 5

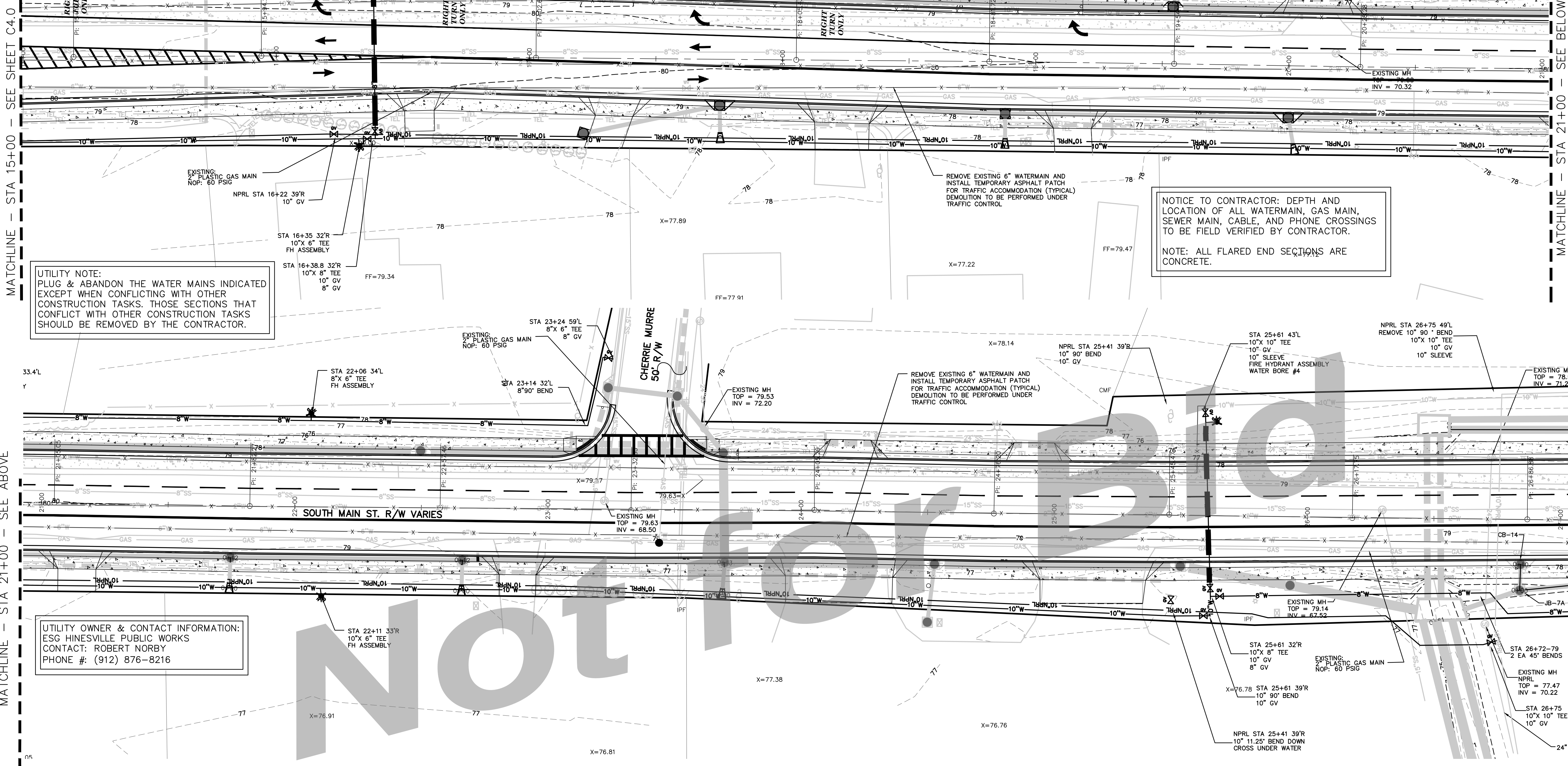


S. Main Water Main Bore #3 PROFILE
 VERT. SCALE: 5



S. Main NPRL Main Bore #2 PROFILE
 VERT. SCALE: 5

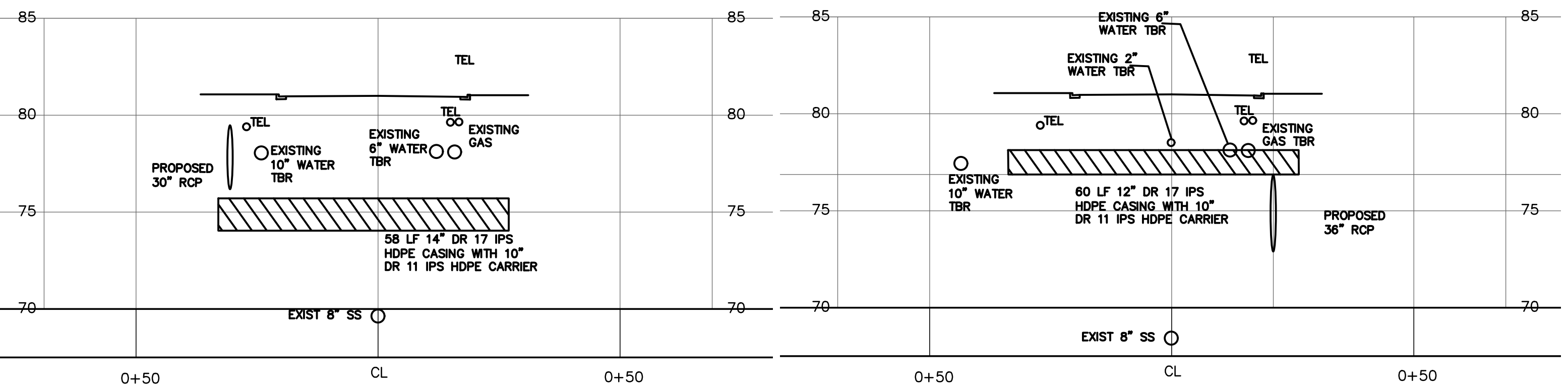




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S. Main Water Main Bore #3 PROFILE
 VERT. SCALE: 5

S. Main Water Main Bore #4 PROFILE
 VERT. SCALE: 5

MATCHLINE - STA 15+00 - SEE SHEET C4.0

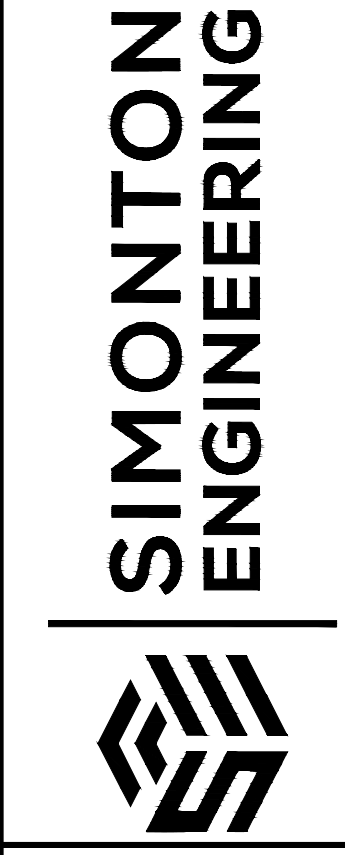
MATCHLINE - STA 21+00 - SEE ABOVE

MATCHLINE - STA 21+00 - SEE BELOW

MATCHLINE - STA 27+00 - SEE SHEET C4.2



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Utility Plan
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 FILE NO: 2010-45PRI
 SHEET: C4.1

DRAWING COMPLETED BY:
 REVISED: 6-6-22 added utility cross sections

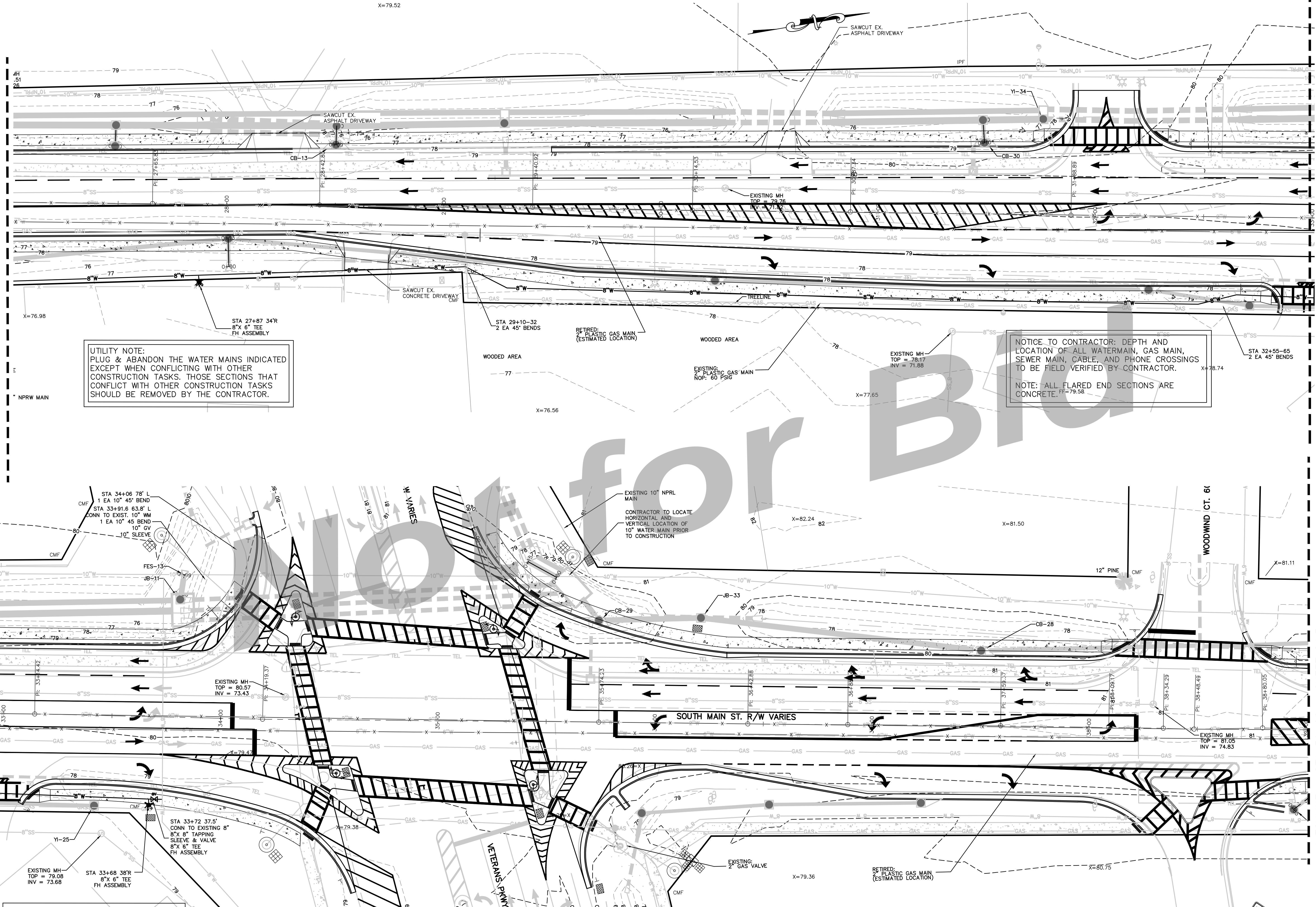
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MATCHLINE - STA 27+00 - SHEET C4.1

MATCHLINE - STA 33+00 - THIS SHEET

MATCHLINE - STA 33+00 - THIS SHEET

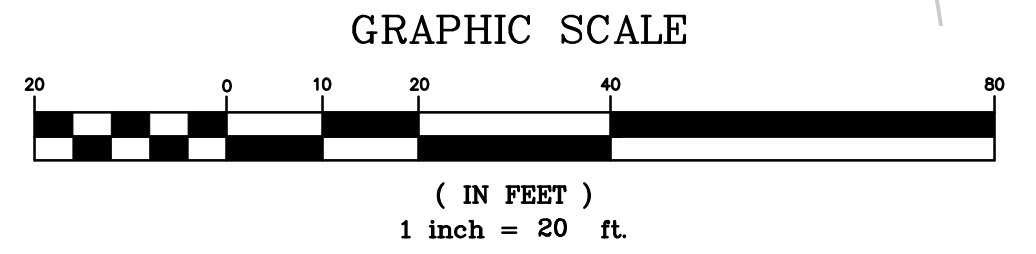
MATCHLINE - STA 39+00 - SHEET C4.3



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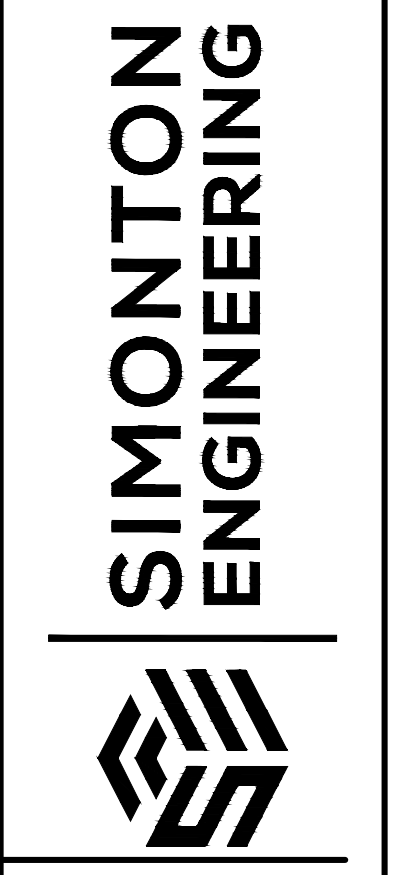
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DRAWING COMPLETED BY: _____
 REVISED: 6-6-22 added utility cross sections

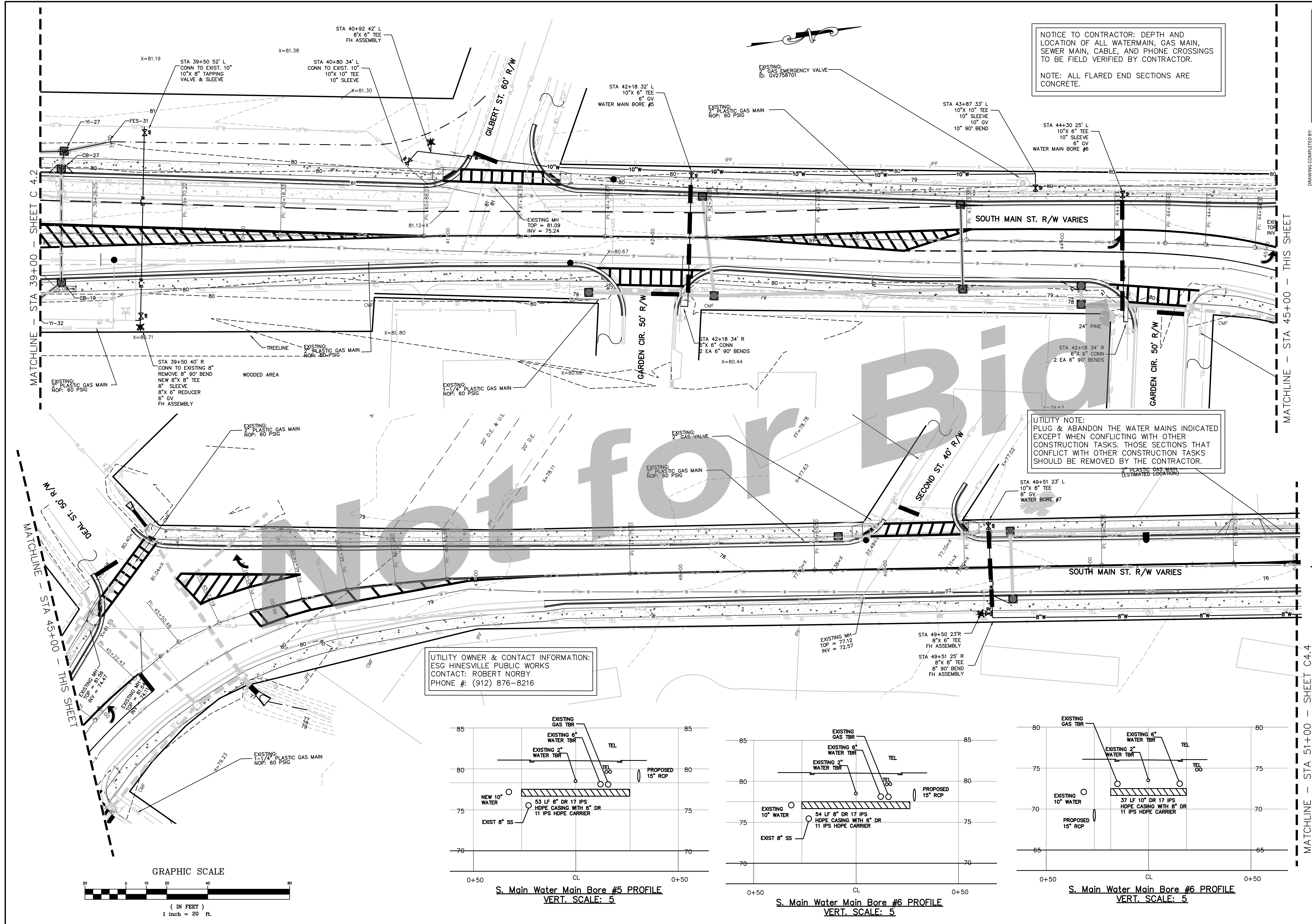


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 for
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 Liberty County, Georgia

Utility Plan
 DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C4.2

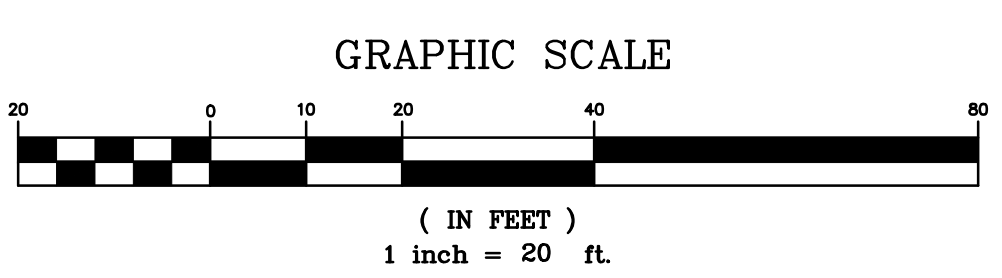
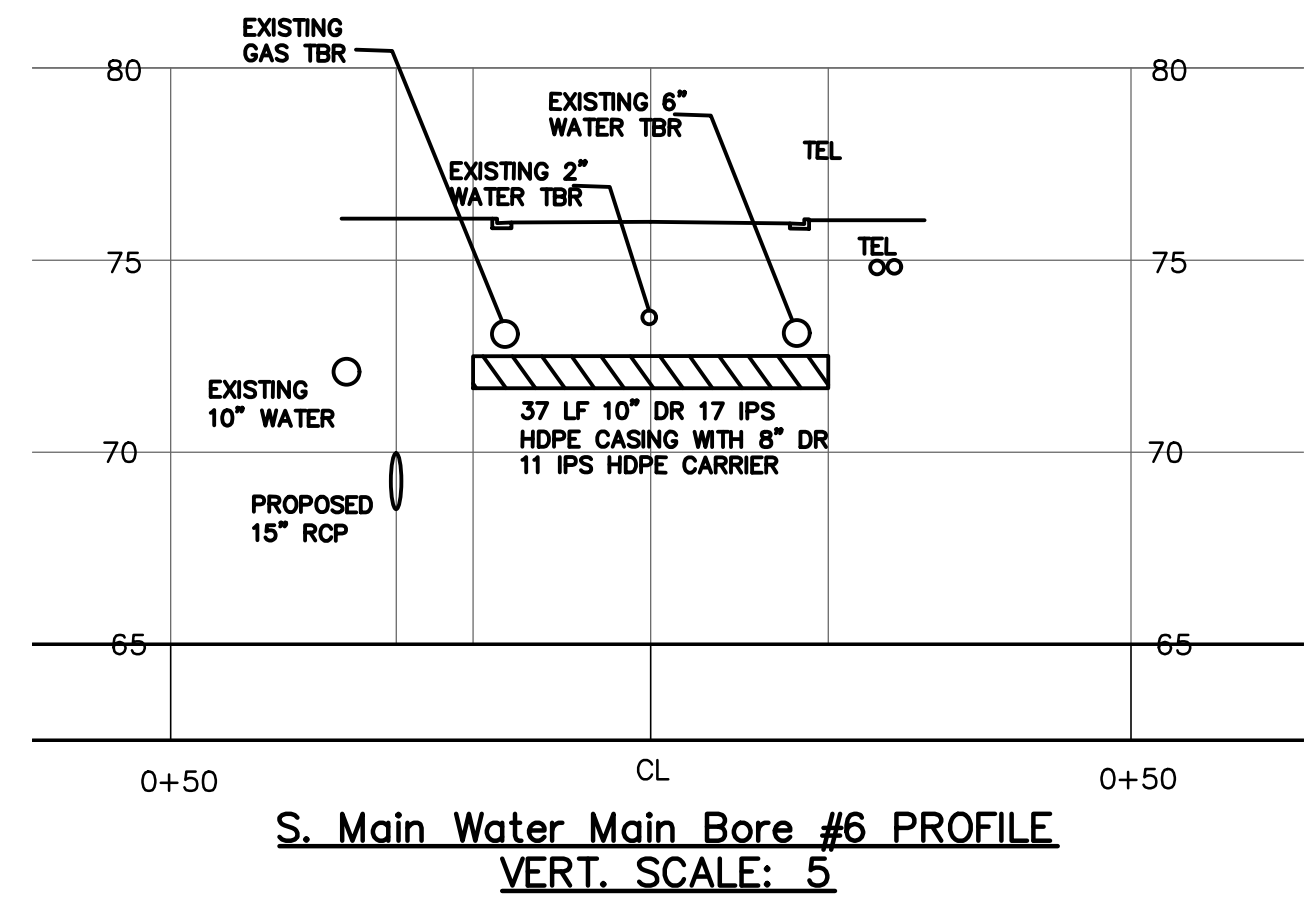
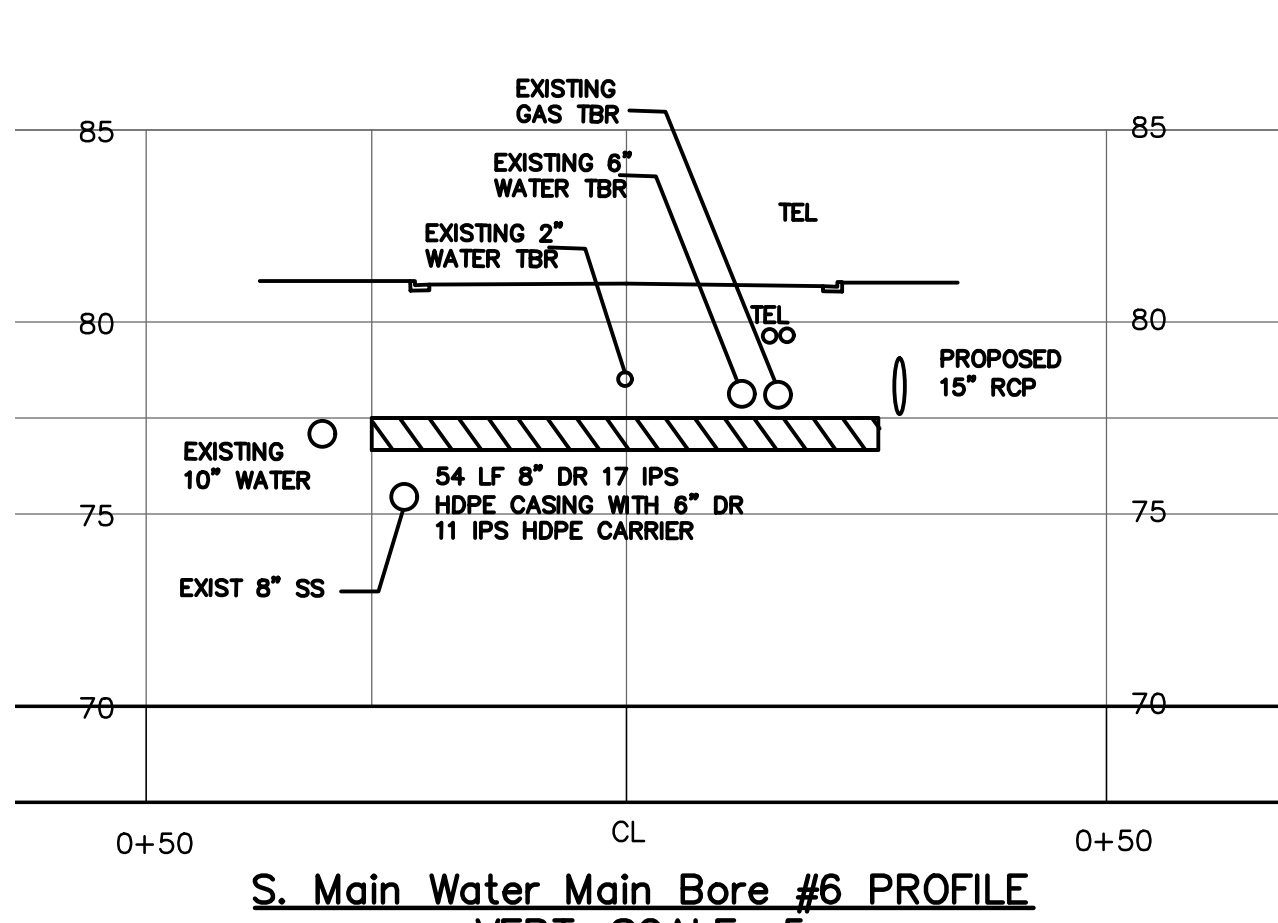
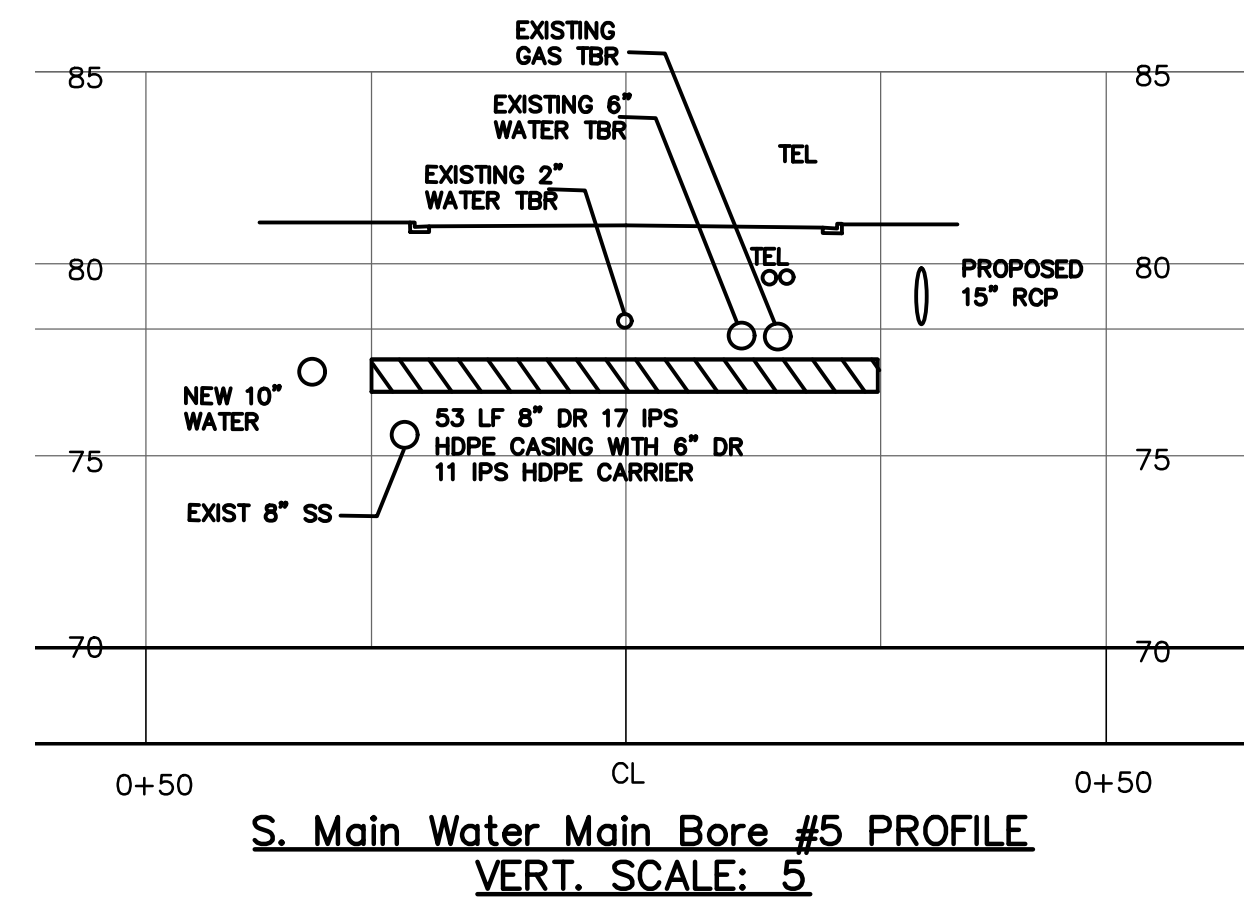


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DRAWING COMPLETED BY: _____

REVISED: 6-6-22 added utility cross sections

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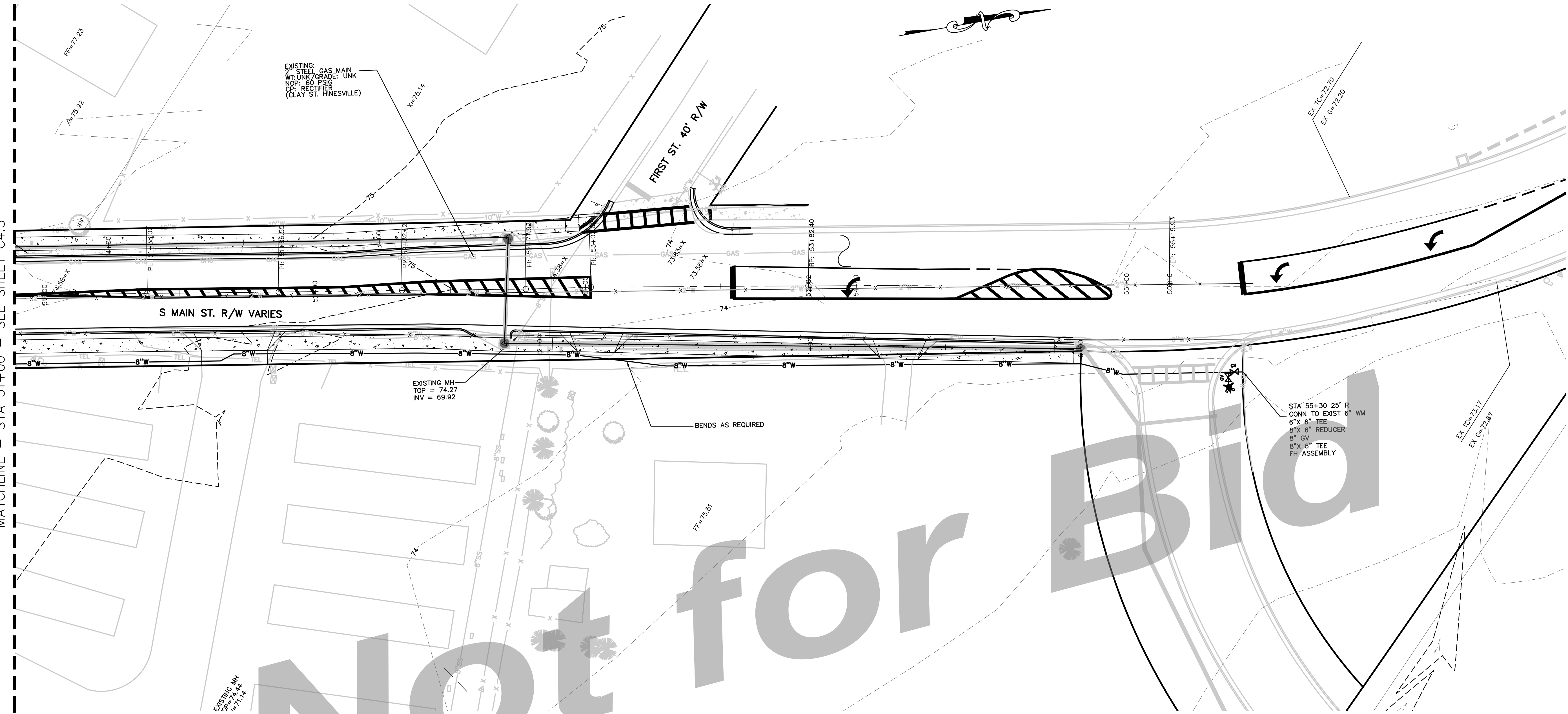
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South Main Street Widening
 for
 The City of Hinesville
 Liberty County, Georgia

Utility Plan

DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C4.3

MATCHLINE - STA 51+00 - SEE SHEET C4.3



EXISTING:
 9" STEEL GAS MAIN
 12" W/ GRADE UNK
 8" W/ GRADE UNK
 8" W/ GRADE UNK
 (CLAY ST. HINESVILLE)

EXISTING MH
 TOP = 74.27
 INV = 69.92

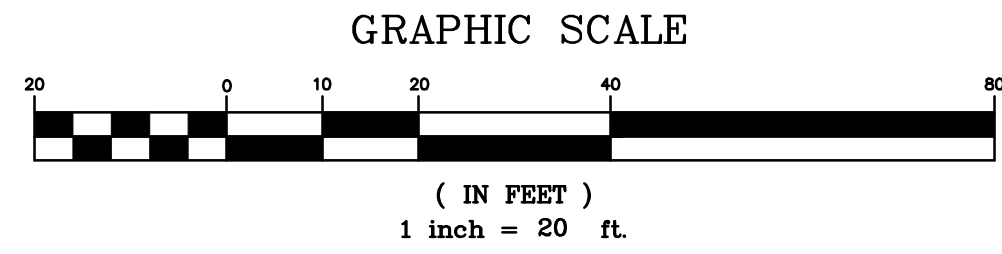
STA 55+30 25' R
 CONN TO EXIST 6" WM
 6" X 6" TEE
 8" X 6" REDUCER
 8" GV
 8" X 6" TEE
 FH ASSEMBLY

UTILITY NOTE:
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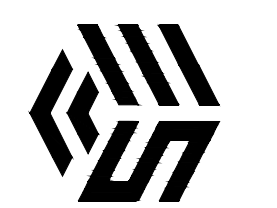


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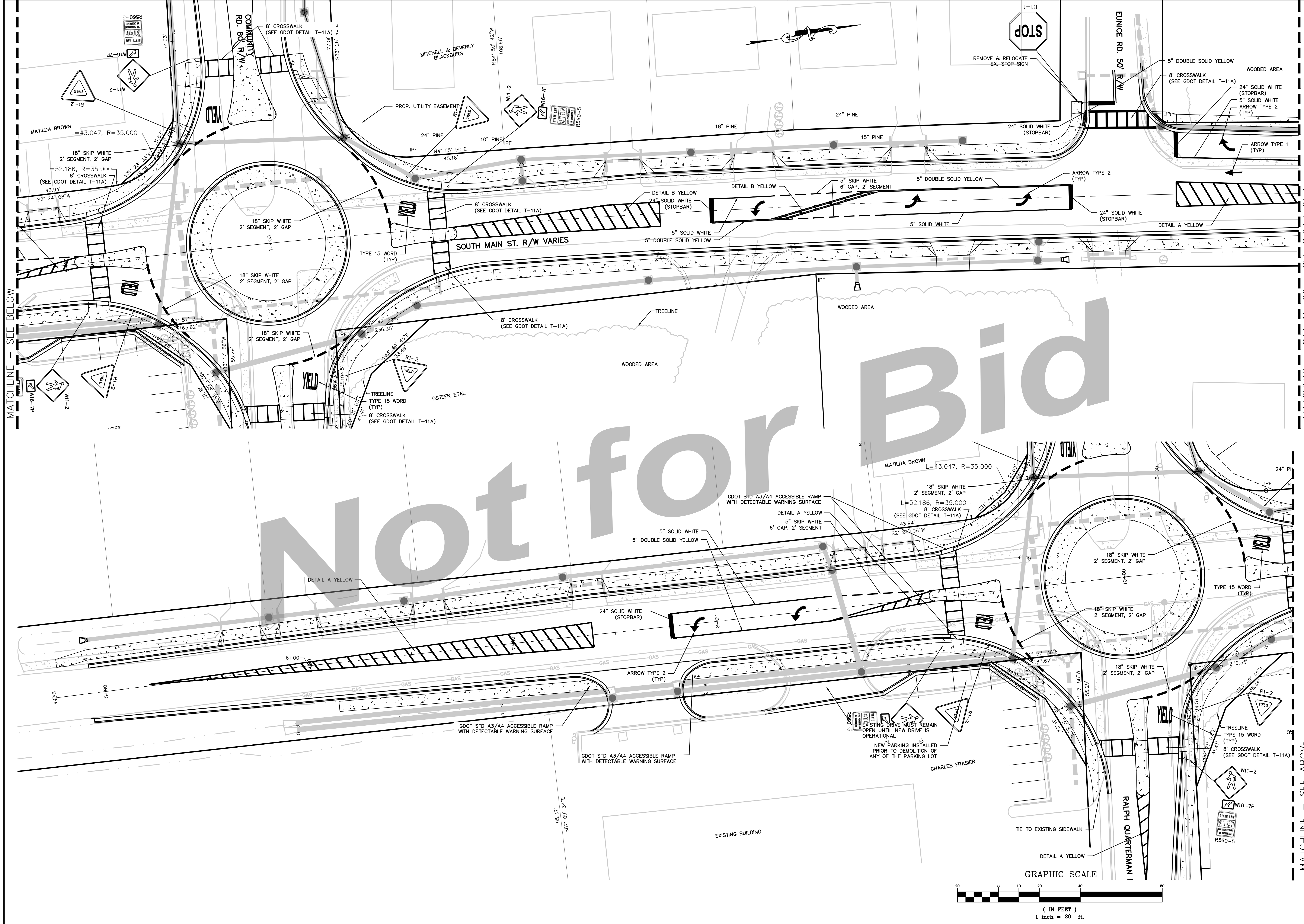
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South Main Street Widening
 for
 The City of Hinesville
 Liberty County, Georgia

Utility Plan

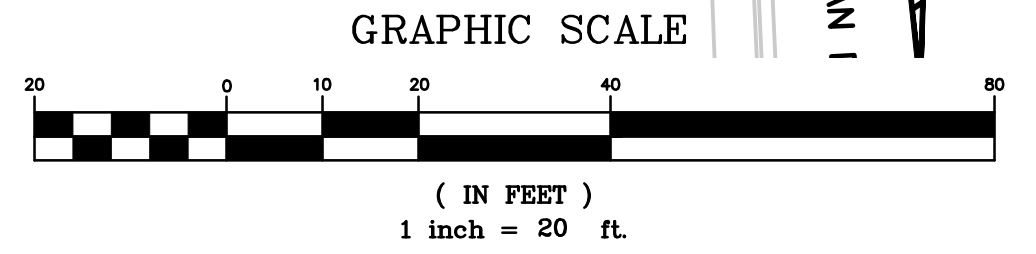
DATE: August 17, 2020
 FILE NO: 2010-45PRU
 SHEET: C4.4



MATCHLINE - SEE BELOW

MATCHLINE - STA 15+00 - SEE SHEET C5.1

MATCHLINE - SEE ABOVE



REVISIONS:

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for
South Main Street Widening
The City of Hinesville

Liberty County, Georgia

Signage & Marking Plan

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C5.0

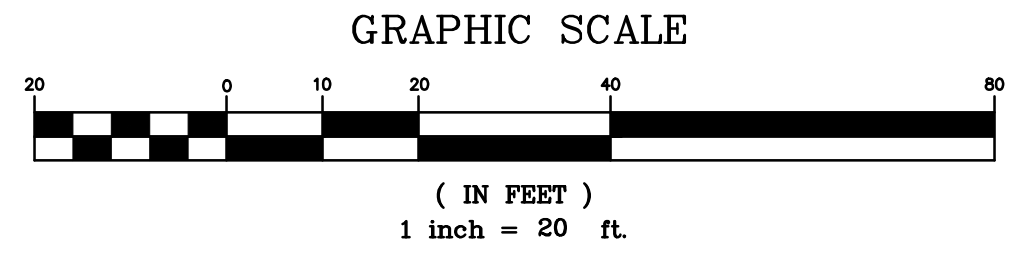
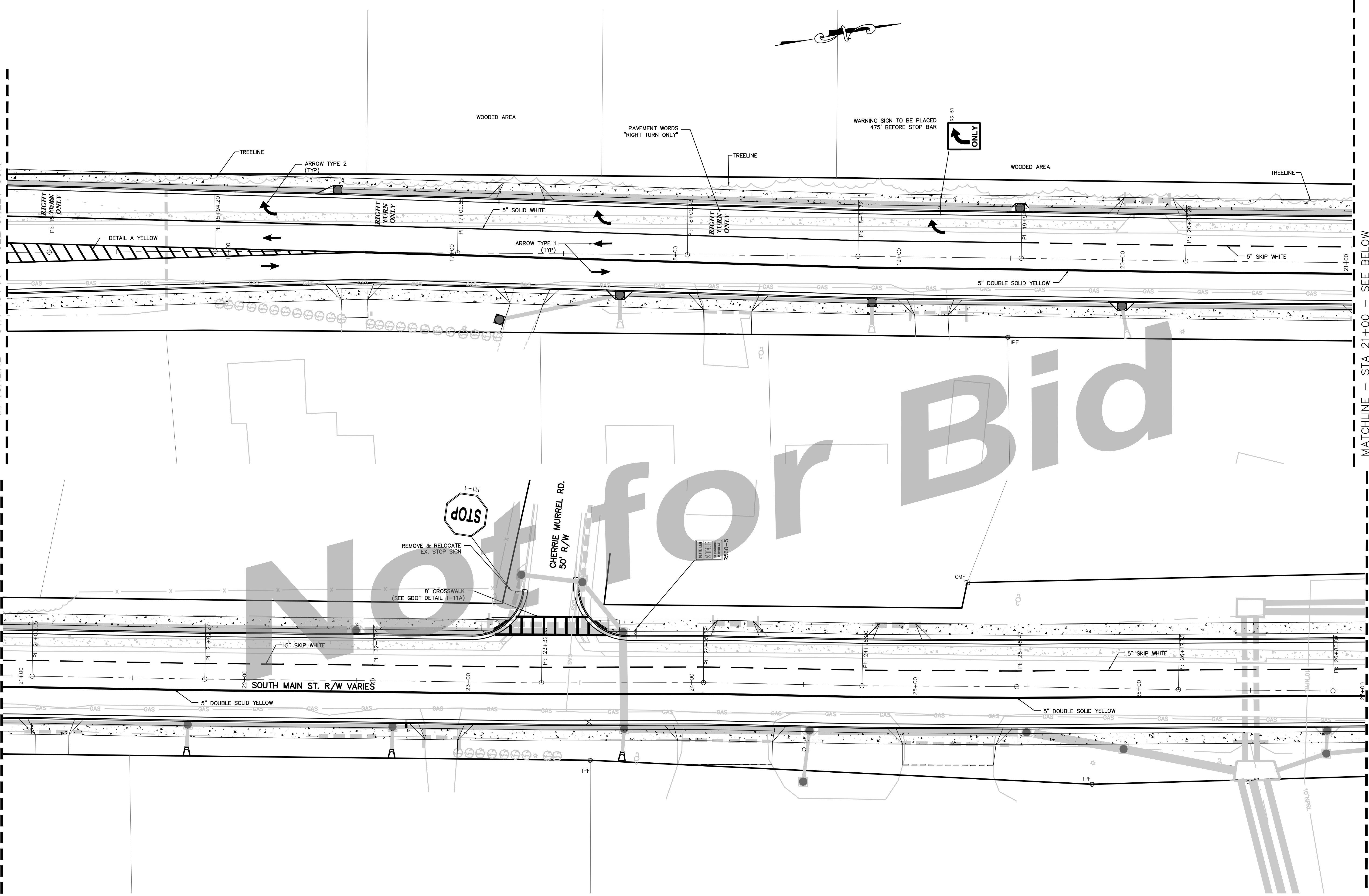
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MATCHLINE - STA 15+00 - SEE SHEET C5.0

MATCHLINE - STA 21+00 - SEE ABOVE

MATCHLINE - STA 21+00 - SEE BELOW

MATCHLINE - STA 27+00 - SEE SHEET C5.2



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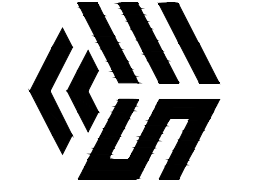


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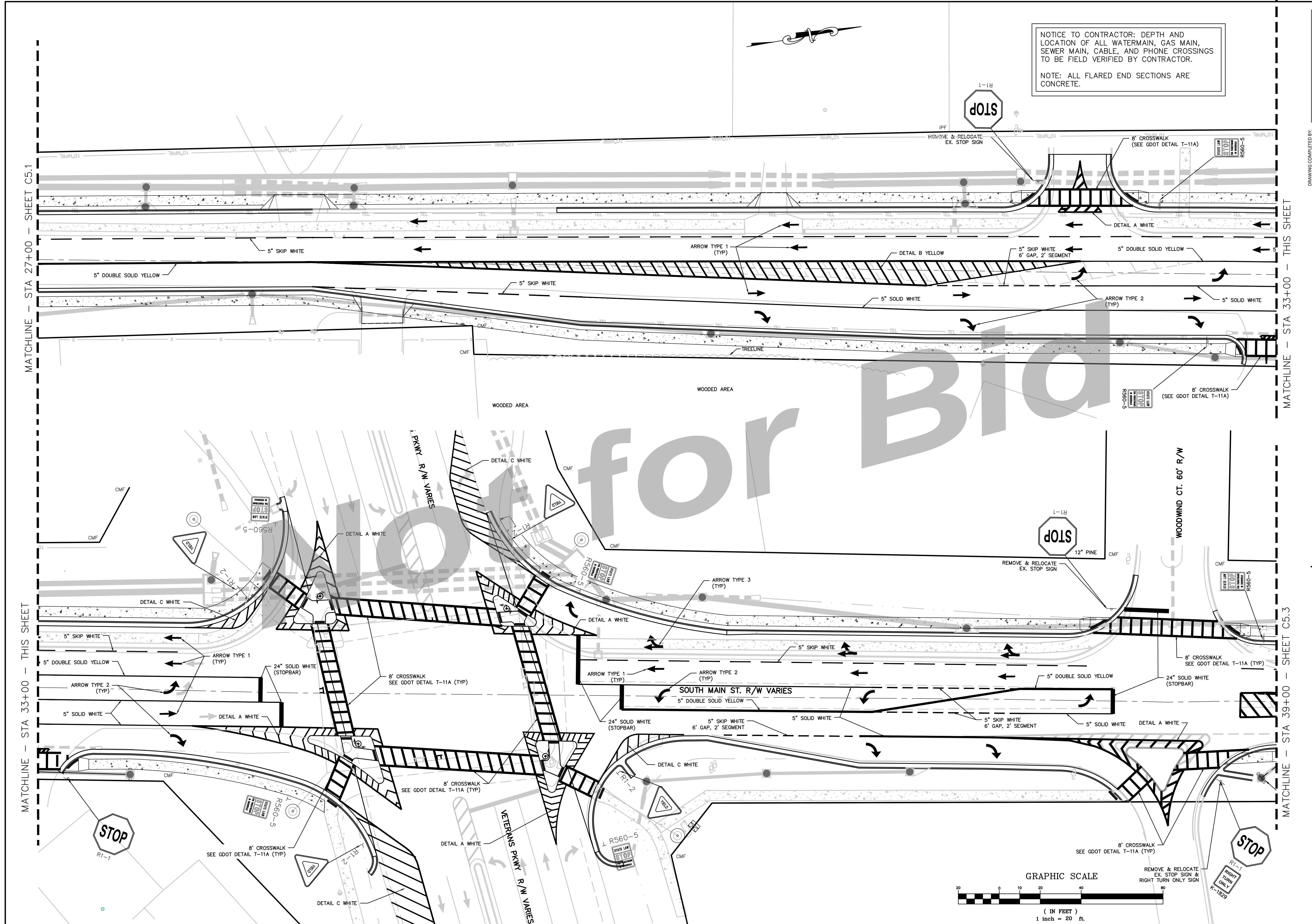
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South Main Street Widening
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Signage & Marking Plan

DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C5.1



MATCHLINE - STA 27+00 - SHEET C5.1

MATCHLINE - STA 33+00 - THIS SHEET

MATCHLINE - STA 33+00 - THIS SHEET

MATCHLINE - STA 39+00 - SHEET C5.3

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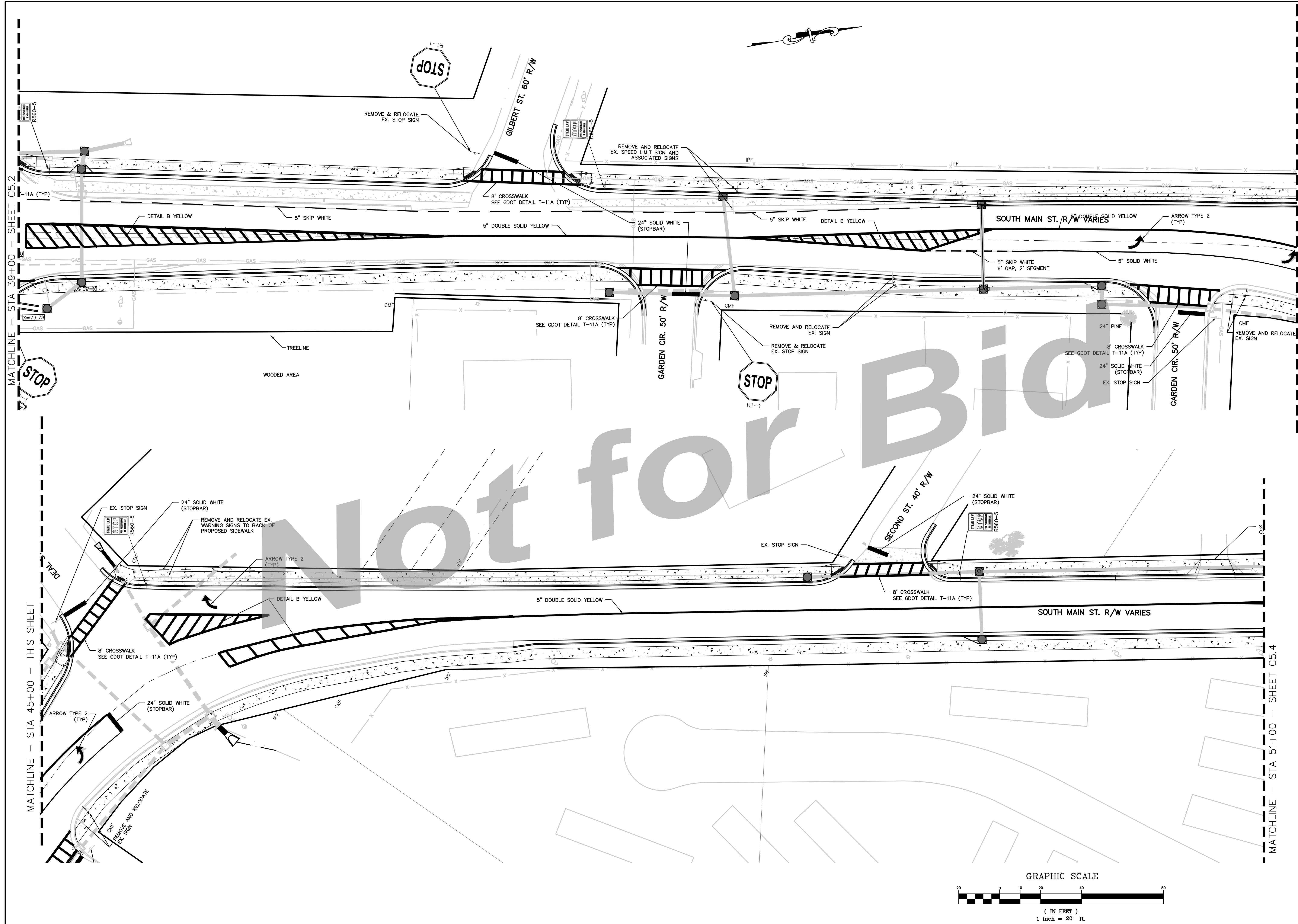
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Signage & Marking Plan

DATE: August 17, 2020
 FILE NO: 2010-45PRU
 SHEET: C5.2

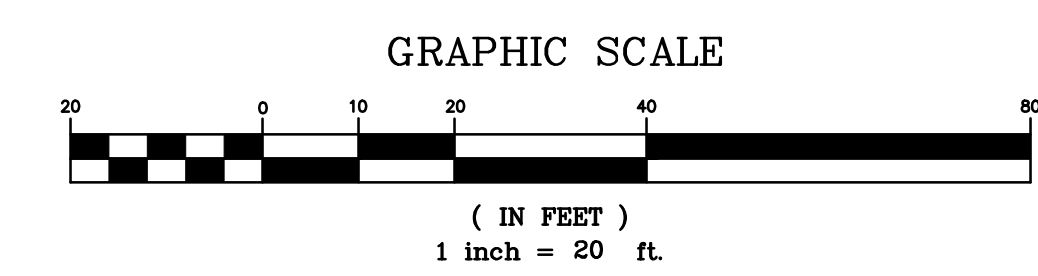


MATCHLINE - STA 39+00 - SHEET C5.2

MATCHLINE - STA 45+00 - THIS SHEET

MATCHLINE - STA 45+00 - THIS SHEET

MATCHLINE - STA 51+00 - SHEET C5.4

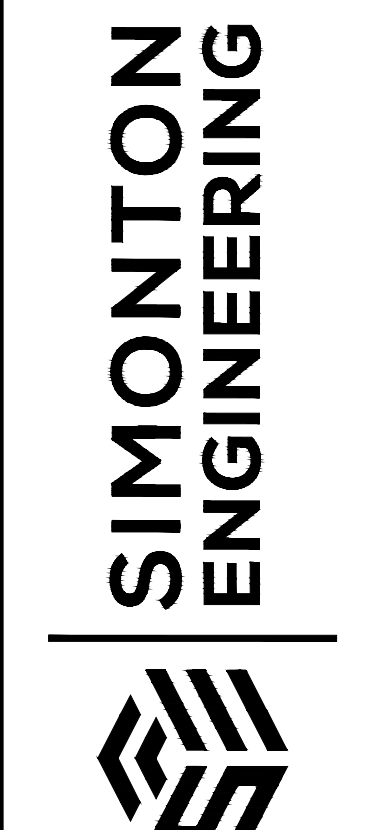


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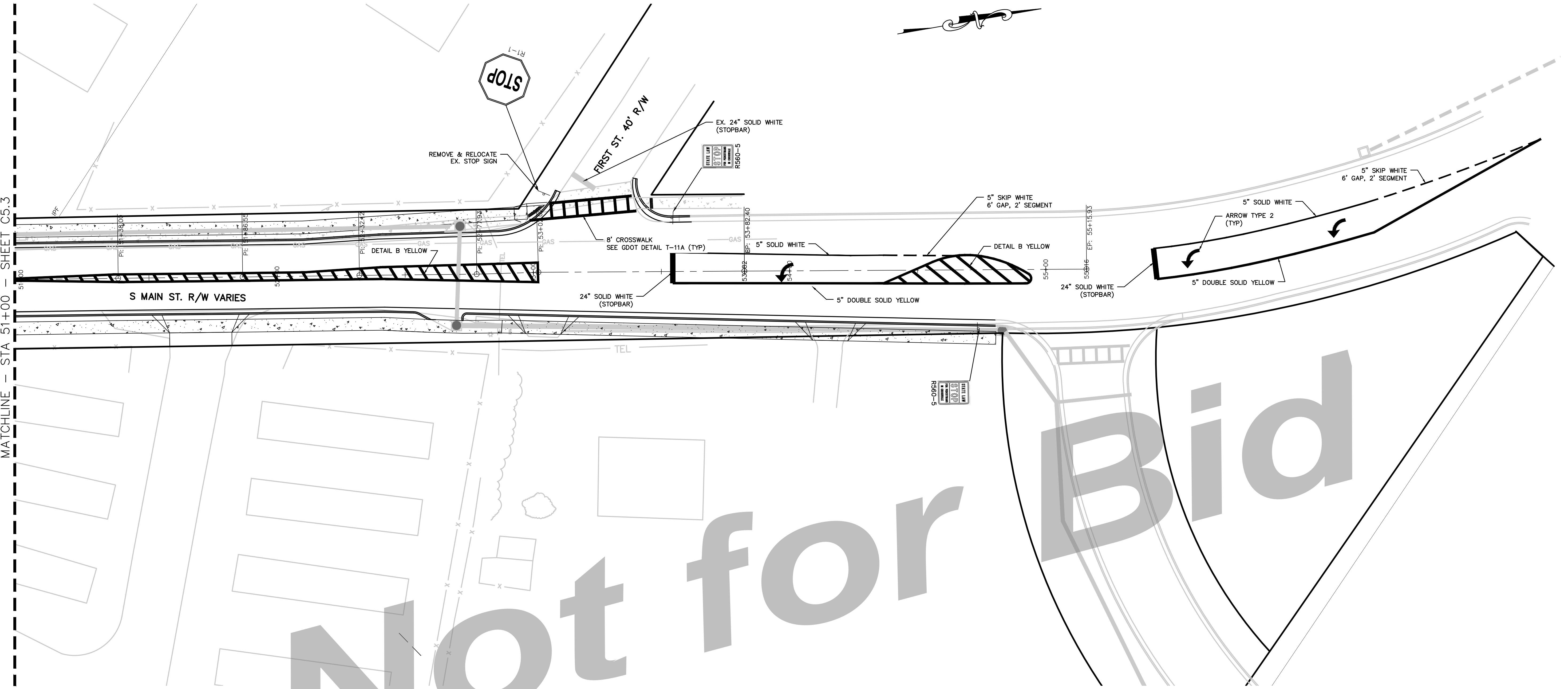


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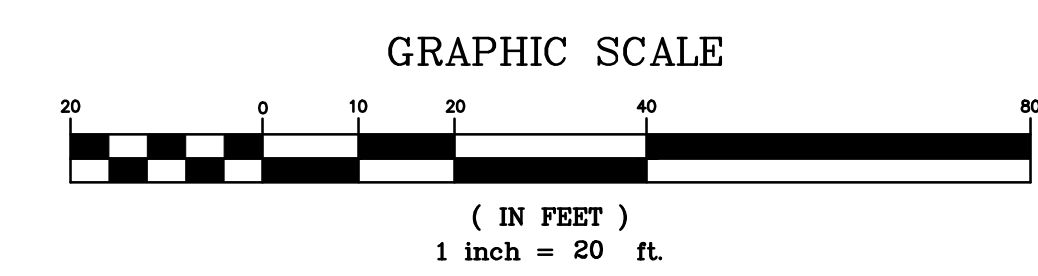
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MATCHLINE - STA 51+00 - SHEET C5.3



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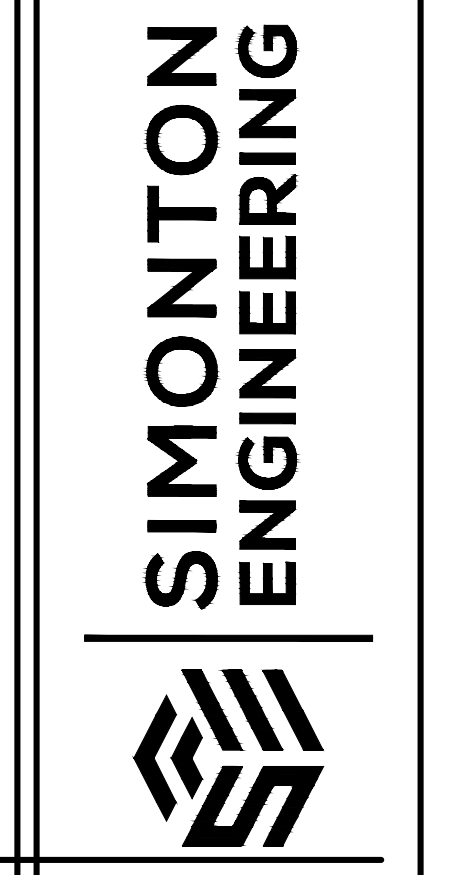
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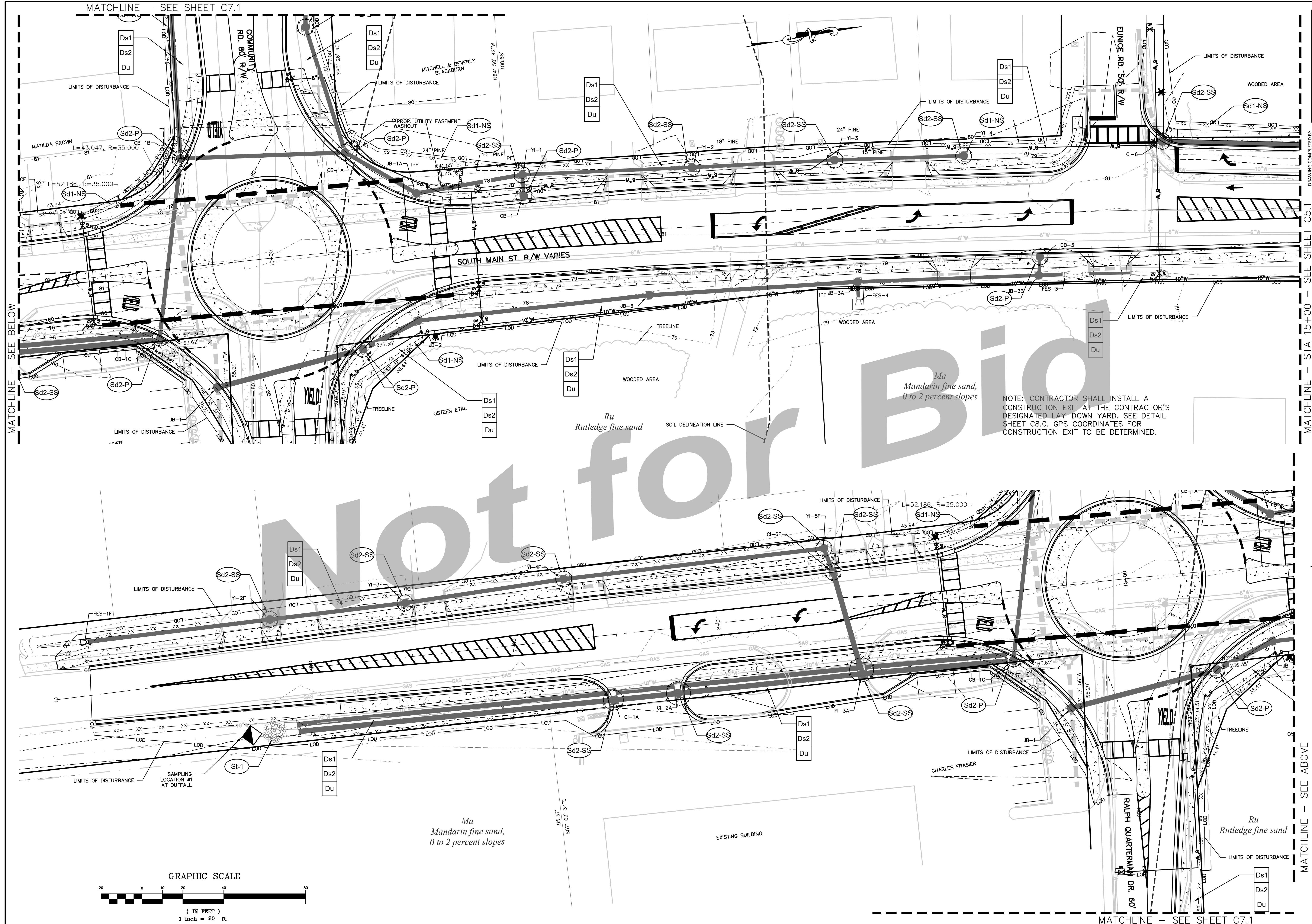
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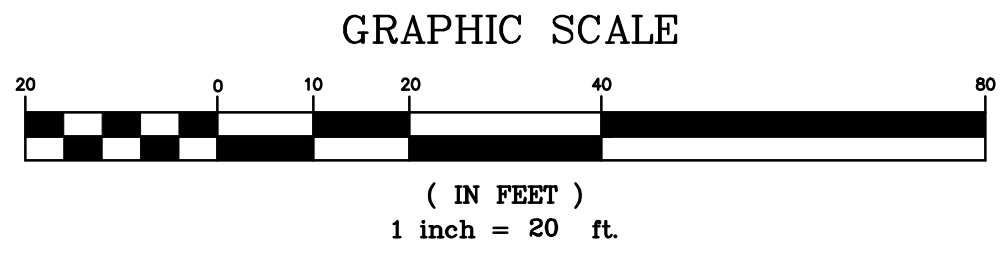
DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C5.4



MATCHLINE - SEE SHEET C7.1

MATCHLINE - STA 15+00 - SEE SHEET C5.1

MATCHLINE - SEE ABOVE



Ma
Mandarin fine sand,
0 to 2 percent slopes

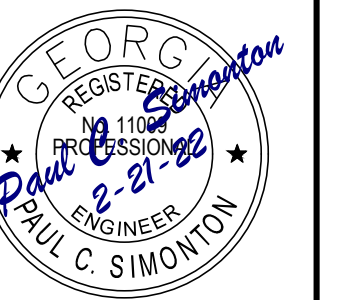
Ma
Mandarin fine sand,
0 to 2 percent slopes

Ru
Rutledge fine sand

Ru
Rutledge fine sand

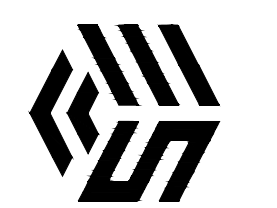
NOTE: CONTRACTOR SHALL INSTALL A CONSTRUCTION EXIT AT THE CONTRACTOR'S DESIGNATED LAY-DOWN YARD. SEE DETAIL SHEET C8.0. GPS COORDINATES FOR CONSTRUCTION EXIT TO BE DETERMINED.

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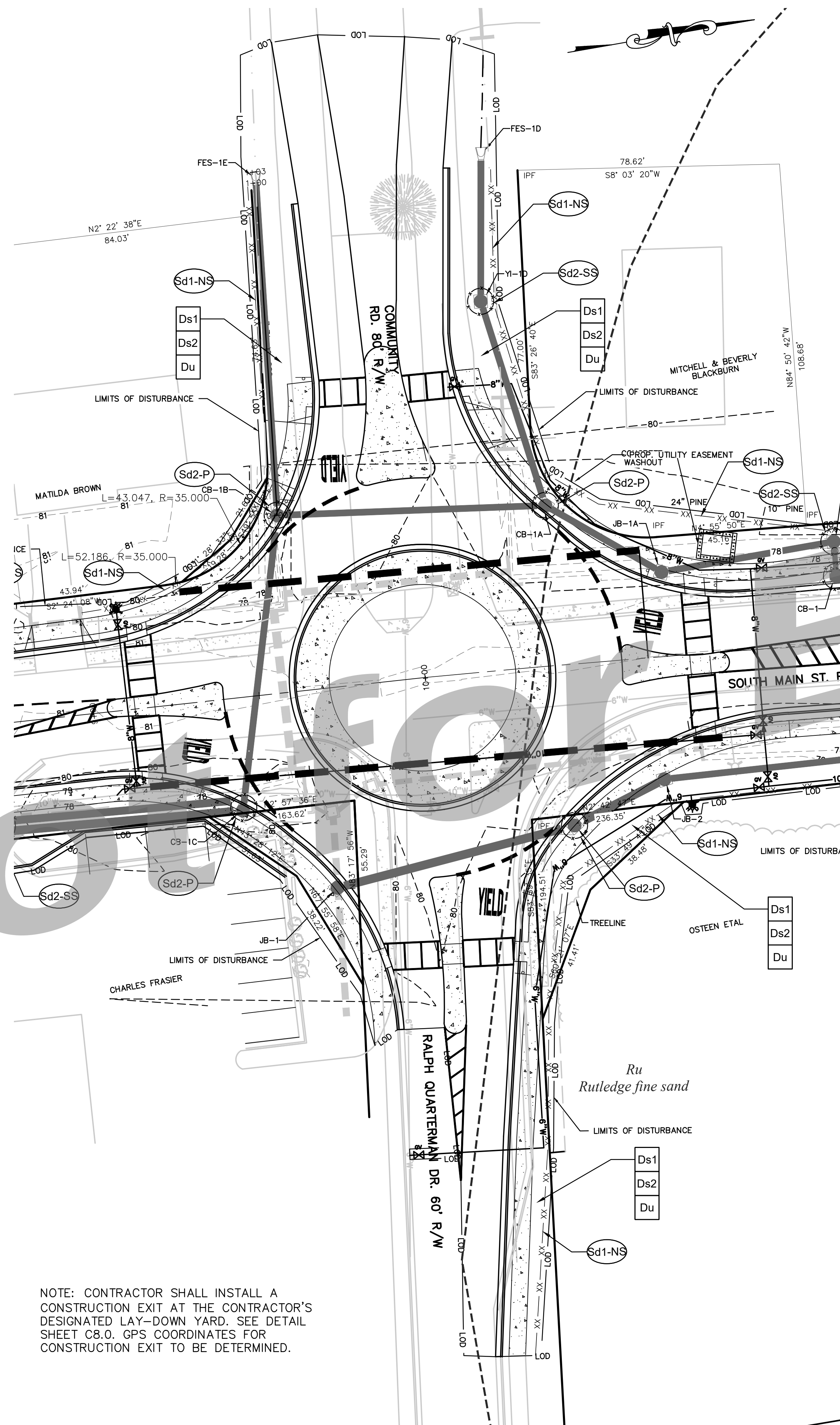
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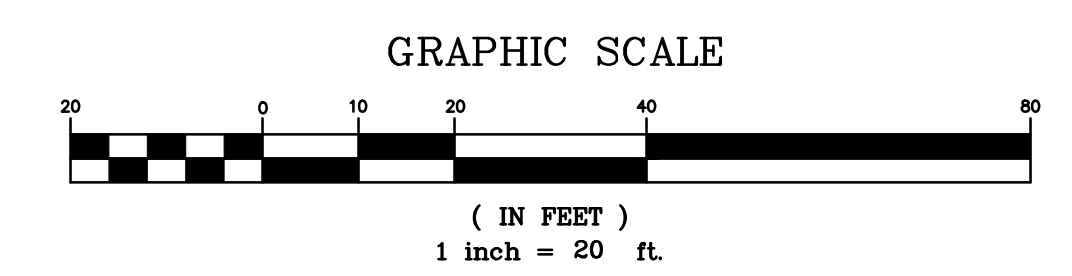
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for
The City of Hinesville
Liberty County, Georgia

Erosion, Sedimentation & Pollution Control Plan
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C6.1

Not for Bid



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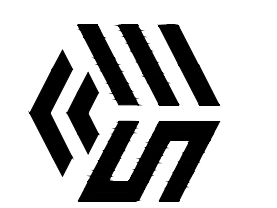
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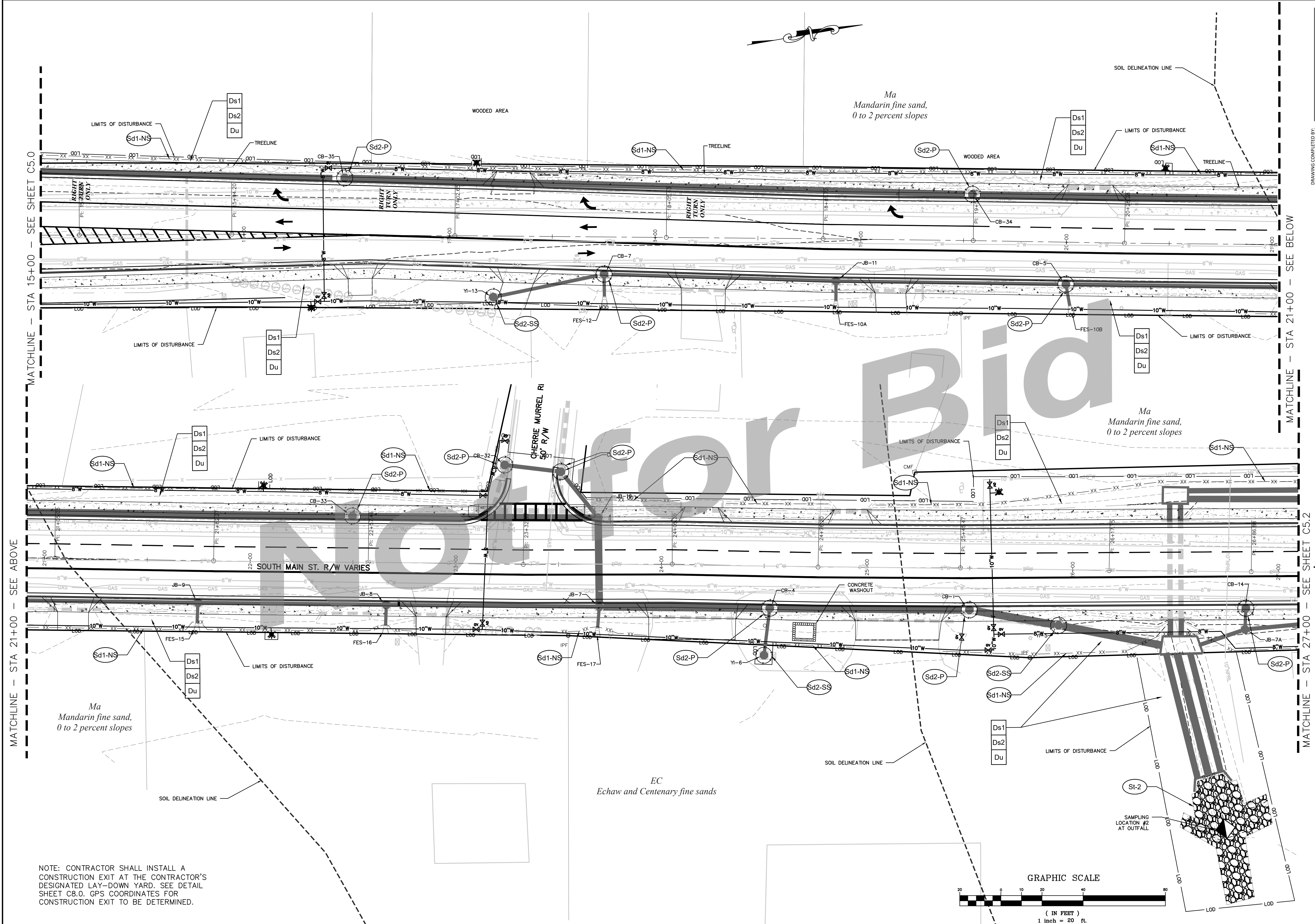


South Main Street Widening
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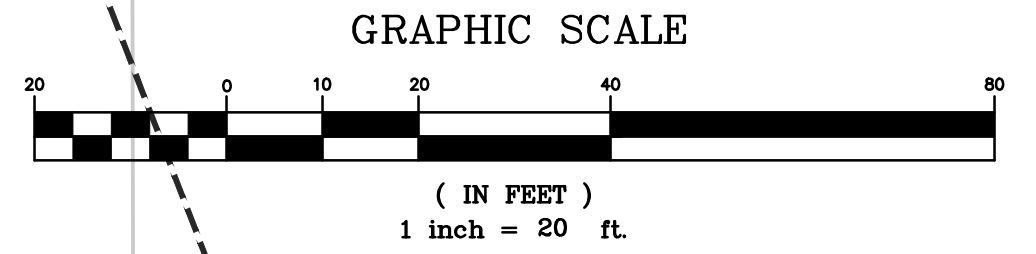
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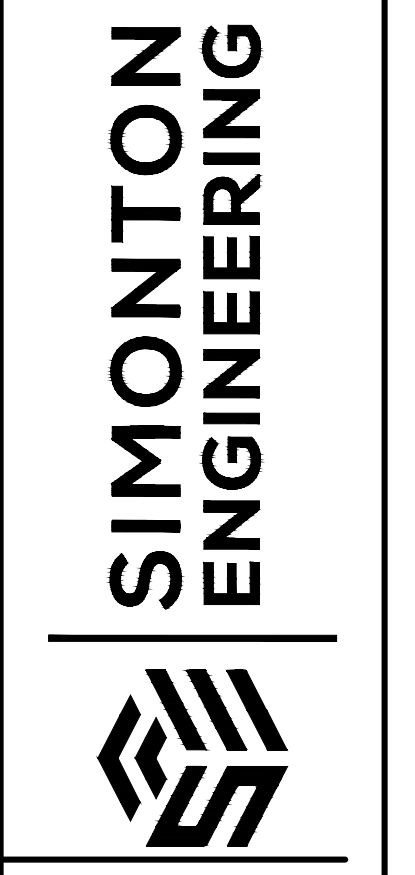
NOTE: CONTRACTOR SHALL INSTALL A CONSTRUCTION EXIT AT THE CONTRACTOR'S DESIGNATED LAY-DOWN YARD. SEE DETAIL SHEET C8.0. GPS COORDINATES FOR CONSTRUCTION EXIT TO BE DETERMINED.



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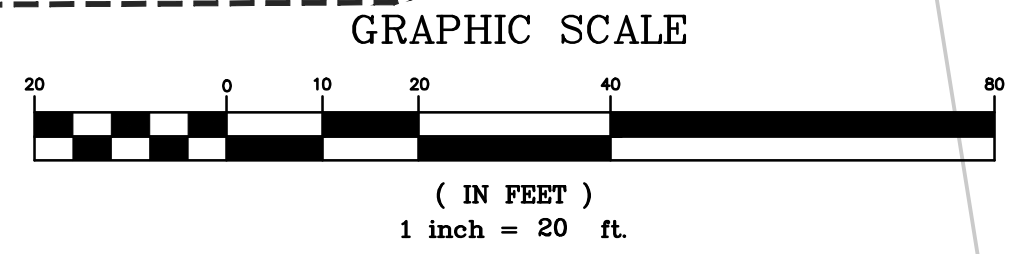
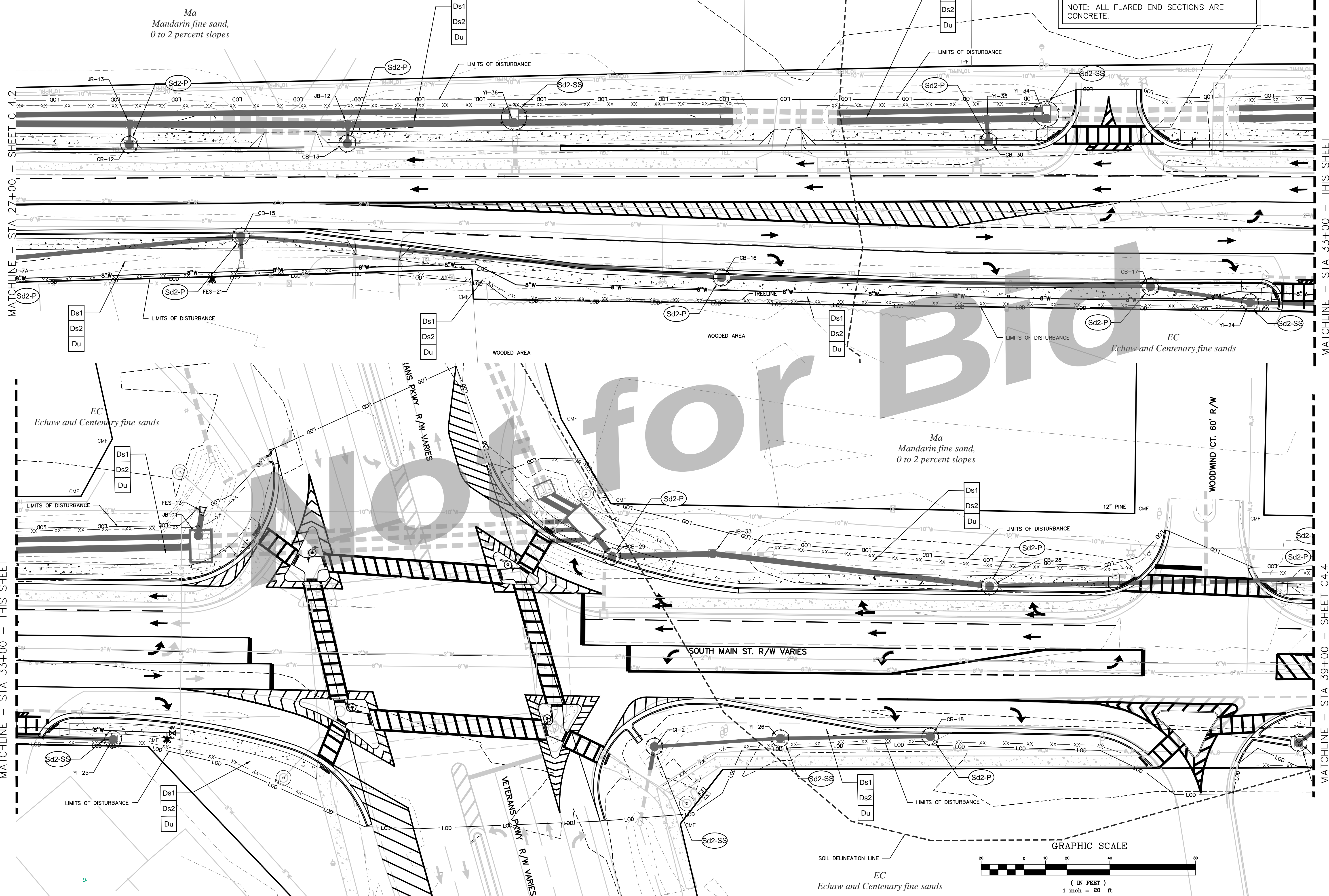
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 SHEET: CG.3

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NOTICE TO CONTRACTOR: DEPTH AND LOCATION OF ALL WATERMAIN, GAS MAIN, SEWER MAIN, CABLE, AND PHONE CROSSINGS TO BE FIELD VERIFIED BY CONTRACTOR.

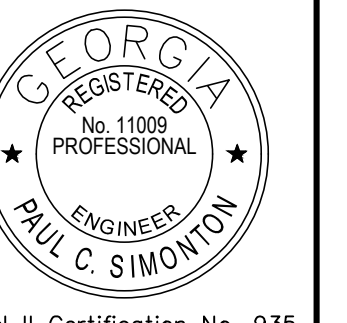
NOTE: ALL FLARED END SECTIONS ARE CONCRETE.



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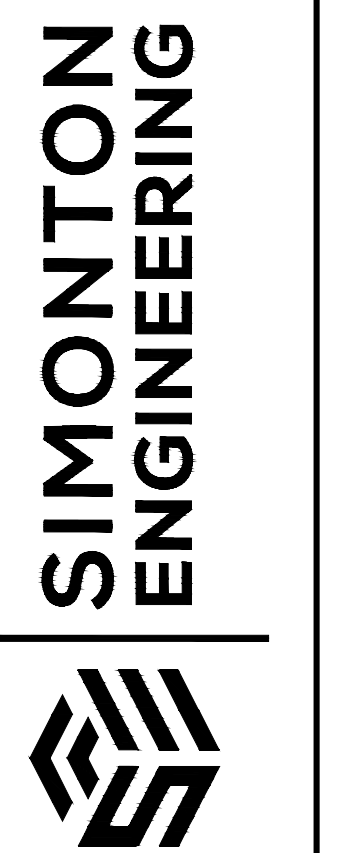
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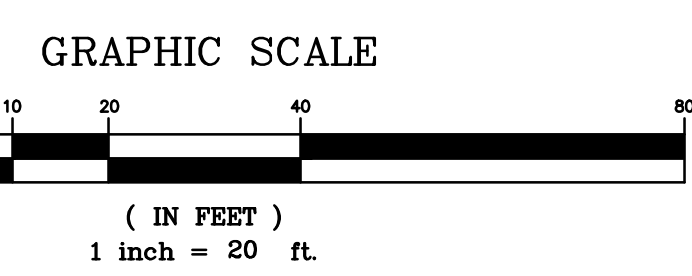
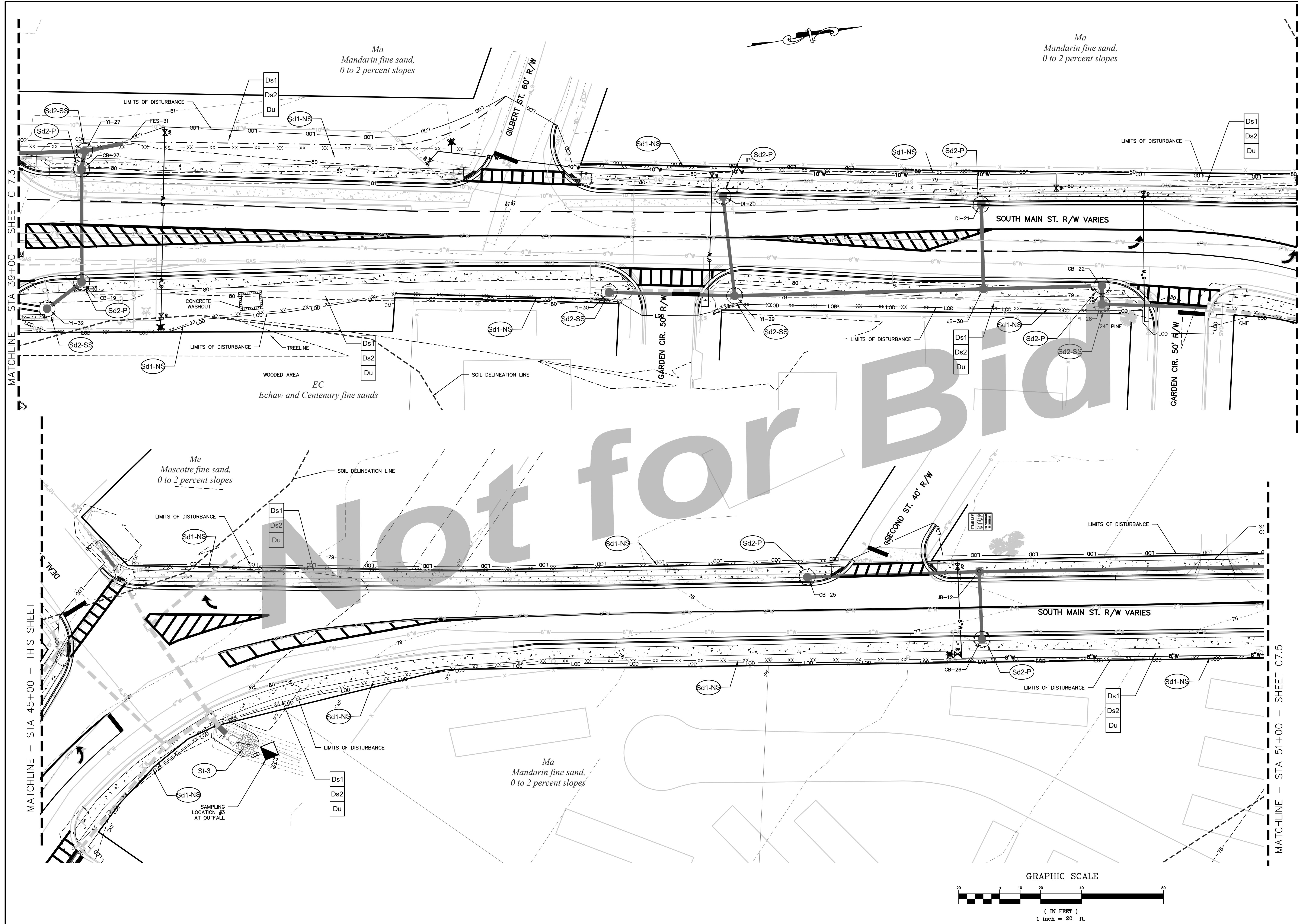
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South Main Street Widening
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 Liberty County, Georgia

Erosion, Sedimentation & Pollution Control Plan
 DATE: August 17, 2020
 FILE NO: 2010-45PRU
 SHEET: CG. 4



MATCHLINE - STA 39+00 - SHEET C 7.3

MATCHLINE - STA 45+00 - THIS SHEET

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REVISION: _____
MATCHLINE - STA 45+00 - THIS SHEET

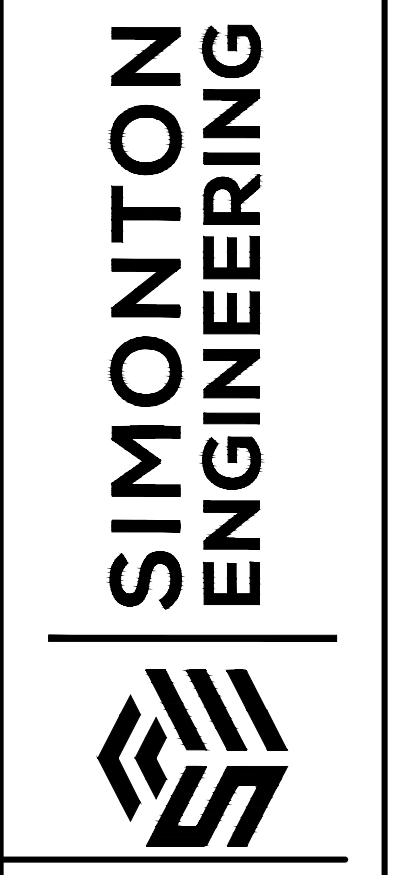
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South Main Street Widening
for
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Liberty County, Georgia

Erosion, Sedimentation & Pollution Control Plan

DATE: August 17, 2020
FILE NO: 2010-45PRU
SHEET: CG.5

MATCHLINE - STA 51+00 - SHEET C6.5

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NOTE: ALL FLARED END SECTIONS ARE CONCRETE.

Ma
Mandarin fine sand,
0 to 2 percent slopes

Ds1
Ds2
Du

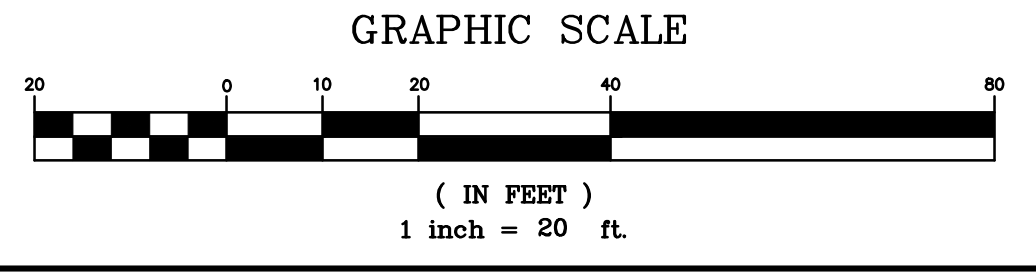
FIRST ST. 40' R/W

S MAIN ST. R/W VARIES

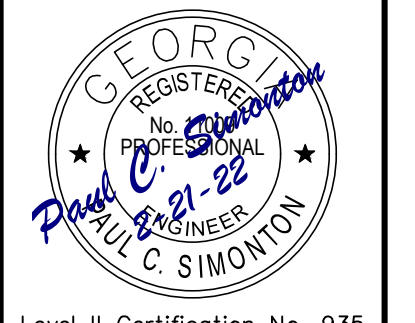
SOIL DELINEATION LINE

EC
Echaw and Centenary fine sands

Not for Bid

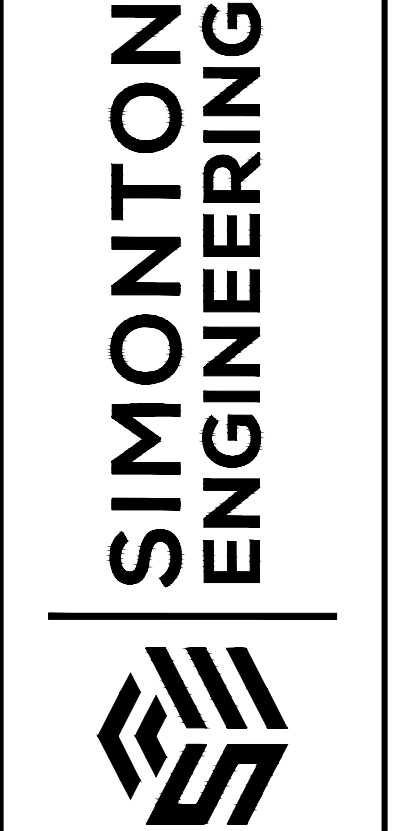


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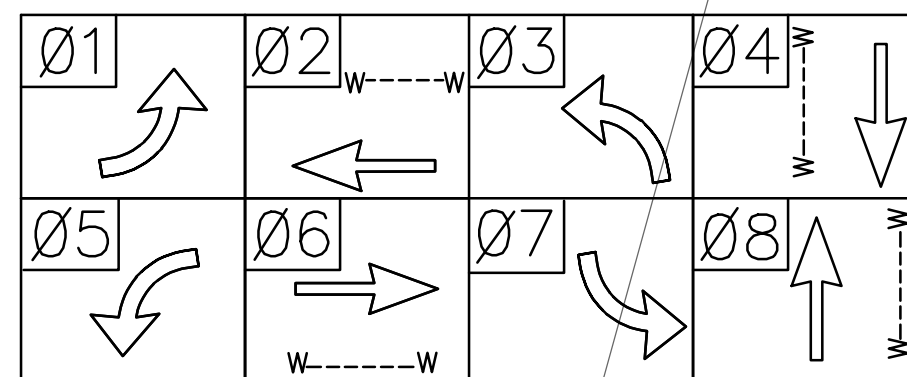
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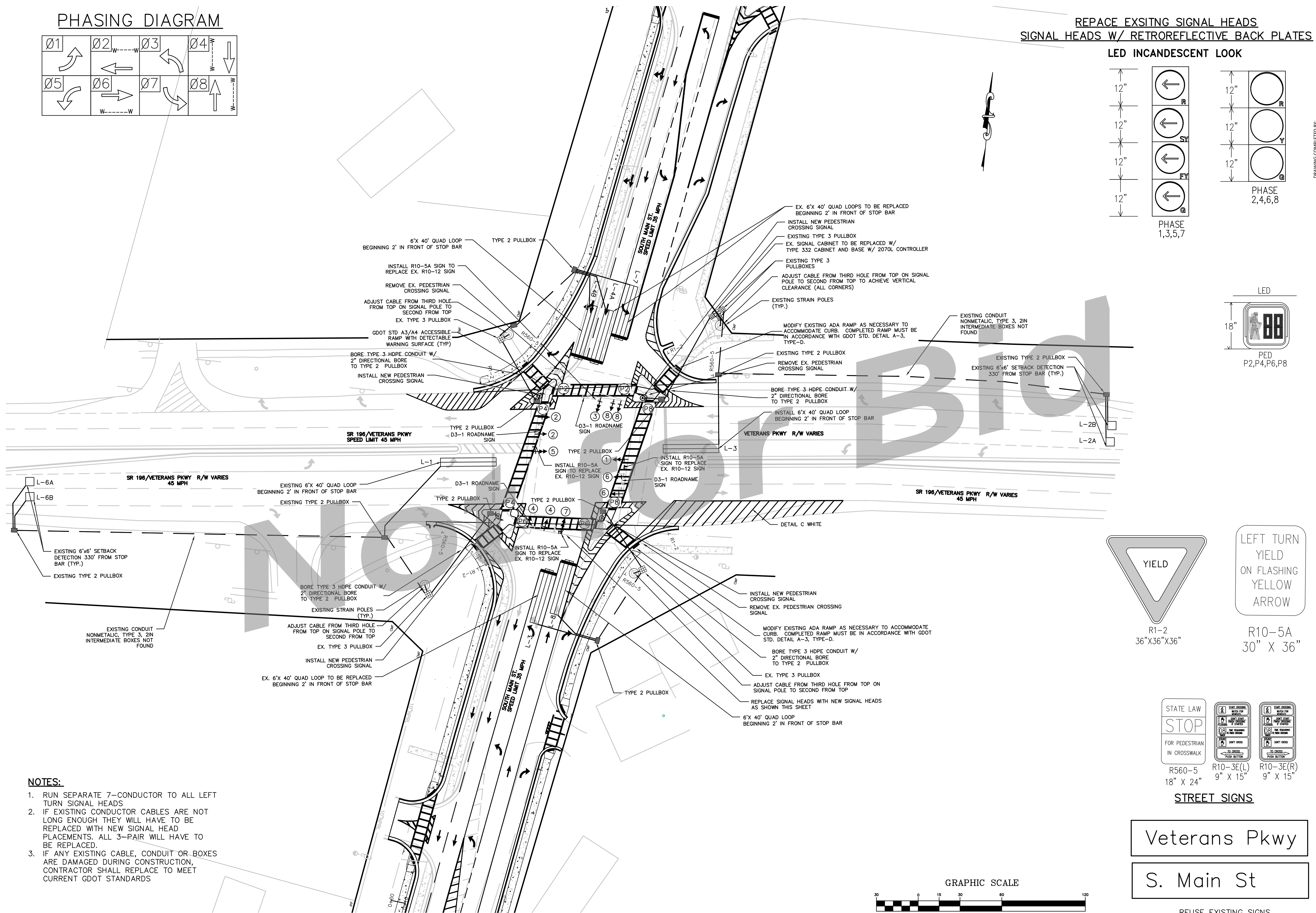
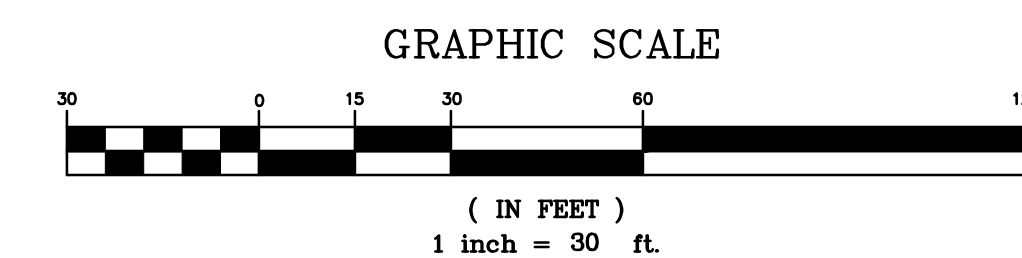
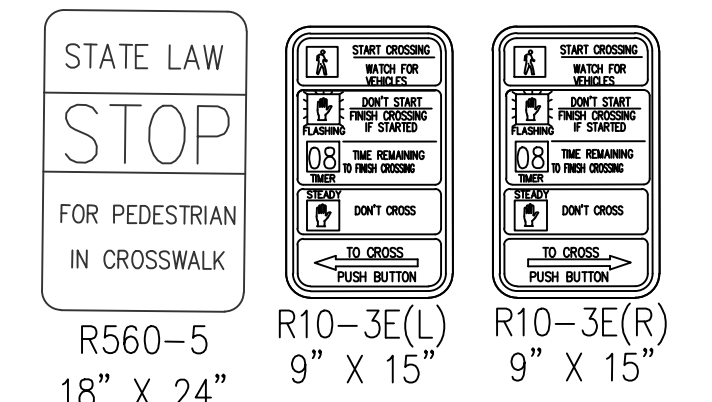
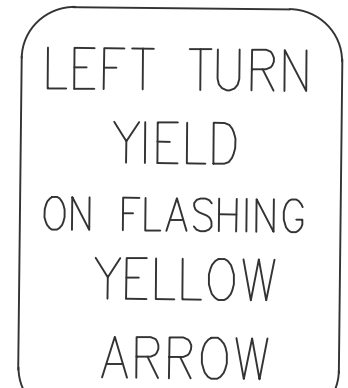
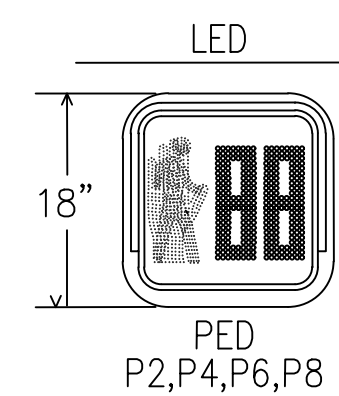
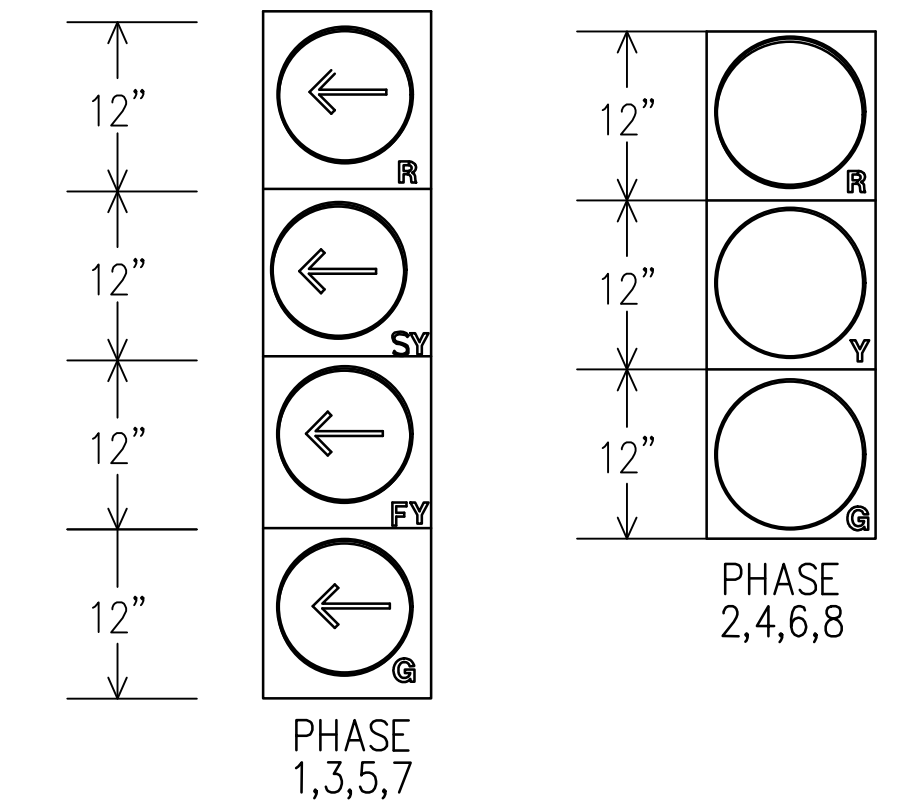
Erosion, Sedimentation & Pollution Control Plan
DATE: August 17, 2020
FILE NO: 2010-45PRU
SHEET: C6.6

PHASING DIAGRAM



**REPLACE EXISTING SIGNAL HEADS
SIGNAL HEADS W/ RETROREFLECTIVE BACK PLATES**

LED INCANDESCENT LOOK



- NOTES:**
1. RUN SEPARATE 7-CONDUCTOR TO ALL LEFT TURN SIGNAL HEADS
 2. IF EXISTING CONDUCTOR CABLES ARE NOT LONG ENOUGH THEY WILL HAVE TO BE REPLACED WITH NEW SIGNAL HEAD PLACEMENTS. ALL 3-PAIR WILL HAVE TO BE REPLACED.
 3. IF ANY EXISTING CABLE, CONDUIT OR BOXES ARE DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPLACE TO MEET CURRENT GDOT STANDARDS

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 REVISION: 5-25-22 MODIFIED PER GDOT COMMENTS

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GEORGIA
 REGISTERED PROFESSIONAL ENGINEER
 PAUL C. SIMONTON
 No. 68322
 6-8-22

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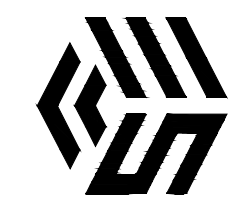
SIMONTON ENGINEERING

South Main Street Widening
 for
 The City of Hinesville
 Liberty County, Georgia

GDOT Intersection Plan
 DATE: August 17, 2020
 FILE NO: 2010-45PRU
 SHEET: C7.0

List of Materials			
List of Materials is for information purpose only. The Contractor shall field verify all materials and quantities required for installation			
All materials and specifications to meet GDOT Standards & Specifications			
Item	Materials	Unit	Quantity
Controller Cabinet Assembly			
A.	Controller Unit, Model 2070LX	EA	1
E.	Cabinet Assembly, Model 332	EA	1
F.	Switch Pack (Load Switch)	EA	16
G.	DC Isolator	EA	3
H.	Loop Detector, 2 Channel	EA	9
L.	Monitor to be 2018KClip Monitor	EA	1
M.	Auxiliary Output File	EA	1
Loop/PED Lead-in wire (Shielded, Twisted/1000 ft)			
A.	3 Pair 18 AWG	Reel	4
Signal Cable (14 AWG)			
B.	7 Conductor per 1000 ft	Reel	4
Loop Detector Wire (14 AWG, Stranded/1000 ft)			
3 Section, 12" Signal Head LED,			
Yellow Housing w/ Black Front Plastic			
	EA		8
4 Section, 12" Signal Head LED,			
Yellow Housing w/ Black Front, Plastic (Red, Yellow, Yellow Flash and Green Arrow)			
	EA		4
Plastic Louvered Back Plate for One-Way, 3 Section, 12" Signal Head w/ Retroreflective Strip			
	EA		8
Plastic Louvered Back Plate for One-Way, 4 Section, 12" Signal Head w/ Retroreflective Strip			
	EA		4
1- Section 18" LED Countdown Pedestrian Signal head, Full, Handman Overlap 9" High Numbers and 12" Symbols			
	EA		8
Pedestrian Pushbutton Stations, W/ Type A Buttons and signs 9" x 15", R10-3E (L, Left or (R)ight, Countdown			
1.	9" x 15" R-10-3L, Countdown	EA	4
2.	9" x 15" R-10-3R, Countdown	EA	4
Hardware for Mast Arm Mounting			
	EA		12
Hardware for Pedestal Pole, Top Post Mounting			
	EA		4
Two-way Bracket Assembly			
	EA		4
Pedestal Pole and Square Base			
	EA		4
Pull Box, PB-2			
	EA		10
Pull Box, PB-3			
	EA		4
Loop Saw Cut			
	LF		1300
Conduit, 1"			
	LF		100
Conduit, 2"			
	LF		290
Conduit Type 3 2 in			
	LF		100
R560-5 Sign w/ Post			
	EA		4
R10-5A Left Turn Yield on Flashing Yellow Sign			
	EA		4
Misc Matl to Complete Installation			
	LUMP		1

332 CABINET INPUT ASSIGNMENT														
UPPER INPUT FILE														
SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14
TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
CARD	2-CH	2-CH			2-CH	2-CH						DC ISO	DC ISO	DC ISO
C1 PIN	56	39	63	47	58	41	65	49	50		80	67	68	81
FUNCTION	BS	REA			7	4A					ADV	2 PED	86 PED	FLASH
FIELD TERM	TBE 1,2	TBE 5,6	TBE 9,10	TB4 1,2	TB4 5,6	TB4 9,10	TB6 1,2	TB6 5,6	TB6 9,10			TB8 4,6	TB8 7,9	N/C
ACTRA/SEPC	DETECTOR	1	3	5	7	9	11	13	15	17		PED 2	PED 6	
ACTRA/SEPC	ASSIGNED	1	2	2	2	1	4	4	4	1		82	86	
LOWER INPUT FILE														
TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC
CARD	2-CH	2-CH			2-CH	2-CH								
C1 PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
FUNCTION	1	86A			3	8								
FIELD TERM	TB3 1,2	TB3 5,6	TB3 9,10	TB5 1,2	TB5 5,6	TB5 9,10	TB7 1,2	TB7 5,6	TB7 9,10				TB9 4,6	TB9 7,9
ACTRA/SEPC	DETECTOR	19	21	23	25	29	31	33	35	37			PRE 3	PRE 4
ACTRA/SEPC	ASSIGNED	5	6	6	6	7	8	8	8	5				
CHANNEL 2														
C1 PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
FUNCTION		86B												
FIELD TERM	TB3 3,4	TB3 7,8	TB3 11,12	TB3 3,4	TB3 7,8	TB3 11,12	TB7 3,4	TB7 7,8	TB7 11,12				TB9 5,6	TB9 8,9
ACTRA/SEPC	DETECTOR	19	22	24	25	29	32	34	35	38			PRE 5	PRE 6
ACTRA/SEPC	ASSIGNED	5	6	6	6	7	8	8	8	7				PRE 2



TRAFFIC SIGNAL GENERAL NOTES:

1. THE WORK SHALL CONFORM TO THE GEORGIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF TRANSPORTATION SYSTEM, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS (SPECIFICALLY SECTIONS 647 & 925), THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE NATIONAL ELECTRIC CODE AND DETAIL SHEETS.
 2. SIGNAL HEADS SHALL BE ERECTED TO PROVIDE AT LEAST 17 FT CLEARANCE, FROM THE BOTTOM OF THE SIGNAL HEADS TO THE TOP OF ROAD SURFACE AND MINIMUM OF 8 FT MEASURED HORIZONTALLY BETWEEN CENTERS OF SIGNAL FACES.
 3. THREE-PAIR SHIELDED CABLE WILL BE USED FOR THE DETECTOR LEAD INS. ONE THREE-PAIR LEAD IN CABLE CAN BE USED FOR UP TO THREE LOOPS IF A FOUR CHANNEL CONTROLLER CARD IS USED. MORE THAN THREE LOOPS WILL REQUIRE TWO LEAD IN WIRES. A SINGLE LEAD-IN CABLE SHALL ONLY CONTROL LOOPS FOR A SINGLE PHASE; MULTIPLE LEAD-IN CABLES MAY BE REQUIRED FOR A SINGLE APPROACH.
 4. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN THE VICINITY OF NEW SIGNAL POLES AND/OR IN THE VICINITY OF ANY UNDERGROUND WORK. MINOR SHIFTS (UP TO 5') IN NEW POLE LOCATIONS AT THE DISCRETION OF THE ENGINEER ARE ACCEPTABLE TO AVOID UNDERGROUND UTILITIES. MINIMUM CLEARANCE FROM THE EDGE OF PAVEMENT SHALL BE MAINTAINED.
 5. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL VERTICAL AND HORIZONTAL UTILITY CLEARANCES PER NEC AND GDOT SPECIFICATIONS. ANY EXISTING OVERHEAD UTILITIES THAT ARE IN CONFLICT WITH THE TRAFFIC SIGNAL INSTALLATION WILL HAVE TO BE ADJUSTED. MINOR SHIFTS (UP TO 5') IN NEW STRAIN POLE LOCATIONS, AT THE DISCRETION OF THE ENGINEER, ARE ACCEPTABLE TO AVOID OVERHEAD UTILITIES. 10' CLEAR ZONE SHALL BE MAINTAINED BETWEEN OVERHEAD POWER UTILITIES AND SIGNAL EQUIPMENT.
 6. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL NEW GUYS ON EXISTING UTILITY POLES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 7. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE DISTRICT TRAFFIC SIGNAL ENGINEER PRIOR TO FINAL ACCEPTANCE. NOTIFICATION OF REQUEST FOR INSPECTION MUST BE SENT IN WRITING TO THE DISTRICT SIGNAL ENGINEER AT "GEORGIA DEPARTMENT OF TRANSPORTATION, P.O. BOX 610, JESUP, GEORGIA 31598, ATTENTION SIGNAL ENGINEER" A MINIMUM OF ONE WEEK PRIOR TO DATE OF INSPECTION.
 8. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO ORDERING ANY SIGNAL EQUIPMENT OR BEGINNING INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE LATEST EDITION OF THE GEORGIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF TRANSPORTATION SYSTEMS, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS (SPECIFICALLY SECTIONS 647 & 925).
 9. MAST ARM OR SIGNAL SUPPORT WIRE ATTACHMENT HEIGHTS ON POLES SHALL BE FIELD DETERMINED BY THE INSTALLER PRIOR TO ORDERING MATERIAL. ALL NECESSARY SIGNAL HEAD MOUNTING HEIGHTS AND CLEARANCE FROM EXISTING/PROPOSED UTILITIES AND ROADWAY SHALL BE MAINTAINED.
 10. A COMPLETE SIGNAL TIMING PROGRAM IS TO BE DEVELOPED AND INSTALLED IN THE SIGNAL CONTROLLER. SEE GEORGIA DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA SPECIAL PROVISION 687 - TRAFFIC SIGNAL
 11. SIGNAL TIMING TO INCLUDE:
 - * SR 196 AT S. MAIN ST
 - * SR 38 AT SR 196/VETERANS PARKWAY
 - * SR 38 AT WALMART
 - * SR 38 AT OGLETHORPE PLAZA
 - * SR 196 AT WALMART/LOWES ENTRANCE (NEW SIGNAL, IF INSTALLED)
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP AND IMPLEMENT ALL SIGNAL TIMING PLANS WITH GDOT HAVING FULL OVERSIGHT OF THE WORK.

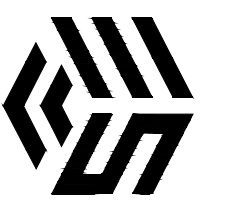
LEGEND

EXISTING UTILITIES	PROPOSED SIGNAL
EXISTING GUY WIRE	CONTROLLER CABINET
EX. OH ELECTRIC	STRAIN POLE
EX POWER POLE	TIMBER POLE
EX TRANSFORMER	DOWN GUY
EX. UG ELECTRIC	MAST ARM
EX GAS LINE	STREET LIGHT
EX GAS METER	3 SECTION HEAD
EX GAS VALVE	3 SECTION HEAD W/ BACKPLATE
EX WATER LINE	4 SECTION HEAD
EX FIRE HYDRANT	4 SECTION HEAD W/ BACKPLATE
EX WATER METER	OVERHEAD SIGN
EX WATER VALVE	PEDESTAL POLE
EX SANITARY SEWER	PED SIGNAL HEAD
EX SS MANHOLE	CURB CUT RAMP - (See ADA Detail)
EX TELEPHONE MH	PULLBOX, TP 2
EX OH TELEPHONE	PULLBOX, TP 3
EX TELEPHONE POLE	PULLBOX, TP 4
EX UG TELEPHONE	PULLBOX, TP 5
EX OH CABLE TV	6x6 PULSE LOOP
EX UG CABLE TV	6x18 CALL LOOP
	6x40 PRESENCE LOOP (DIPOLE)
	6x40 PRESENCE LOOP (QUADRUPOLE)
	CONDUIT
	DIRECTIONAL BORE
	RAILROAD CONTROLLER
	SIGN POST
	ELECTRIC METER

GDOT Signal Plan
General Notes

DATE: August 17, 2020
FILE NO: 2010-45PRU
SHEET: C7.2

South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia



**SIMONTON
ENGINEERING**

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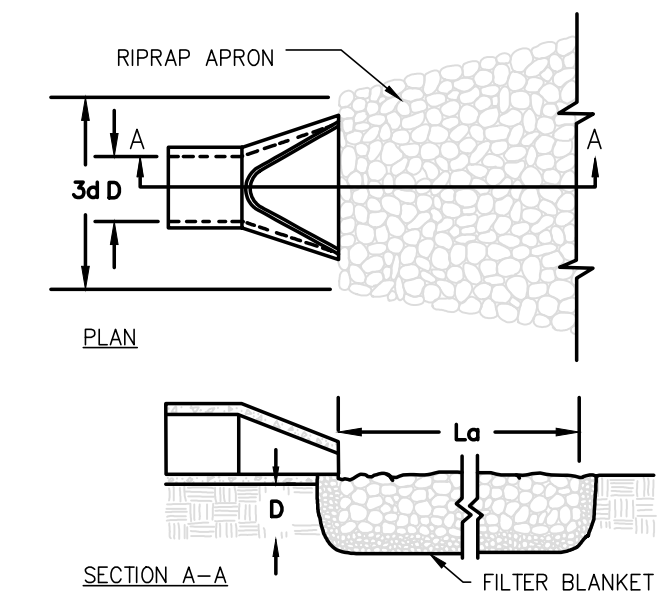
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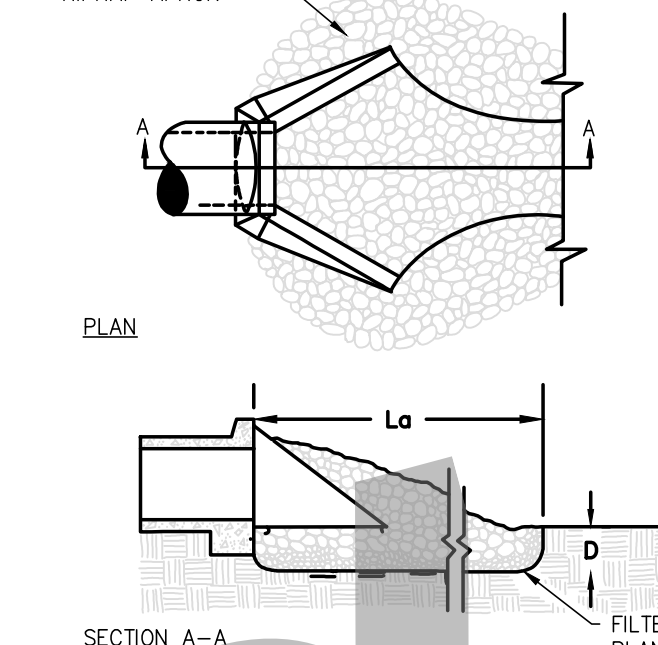
RIPRAP OUTLET PROTECTION

PIPE OUTLET TO FLAT AREA -- NO WELL DEFINED CHANNEL



- NOTES:
1. L_a IS THE LENGTH OF THE RIPRAP APRON.
 2. $D = 1.5$ TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
 3. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
 4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

PIPE OUTLET TO WELL DEFINED CHANNEL

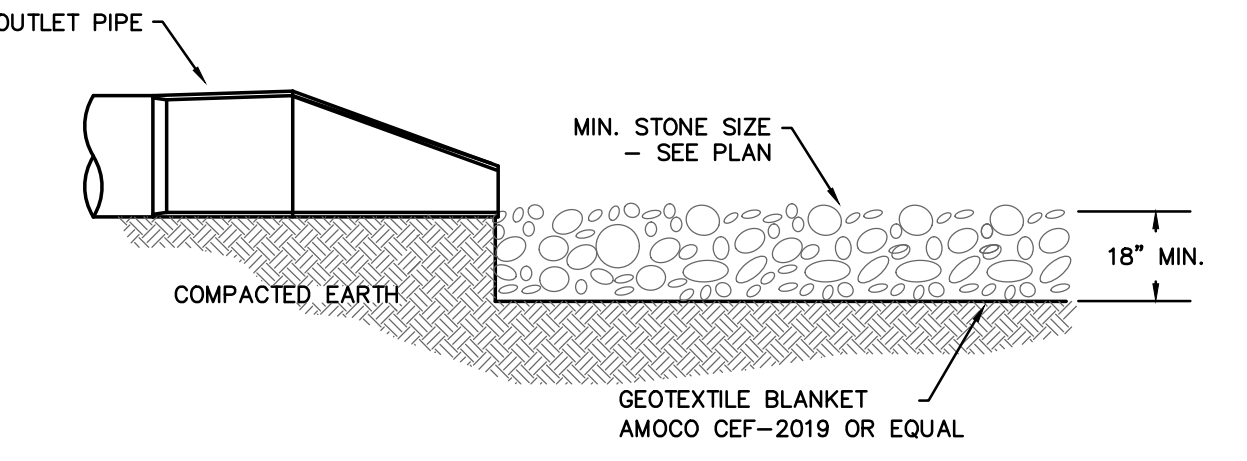
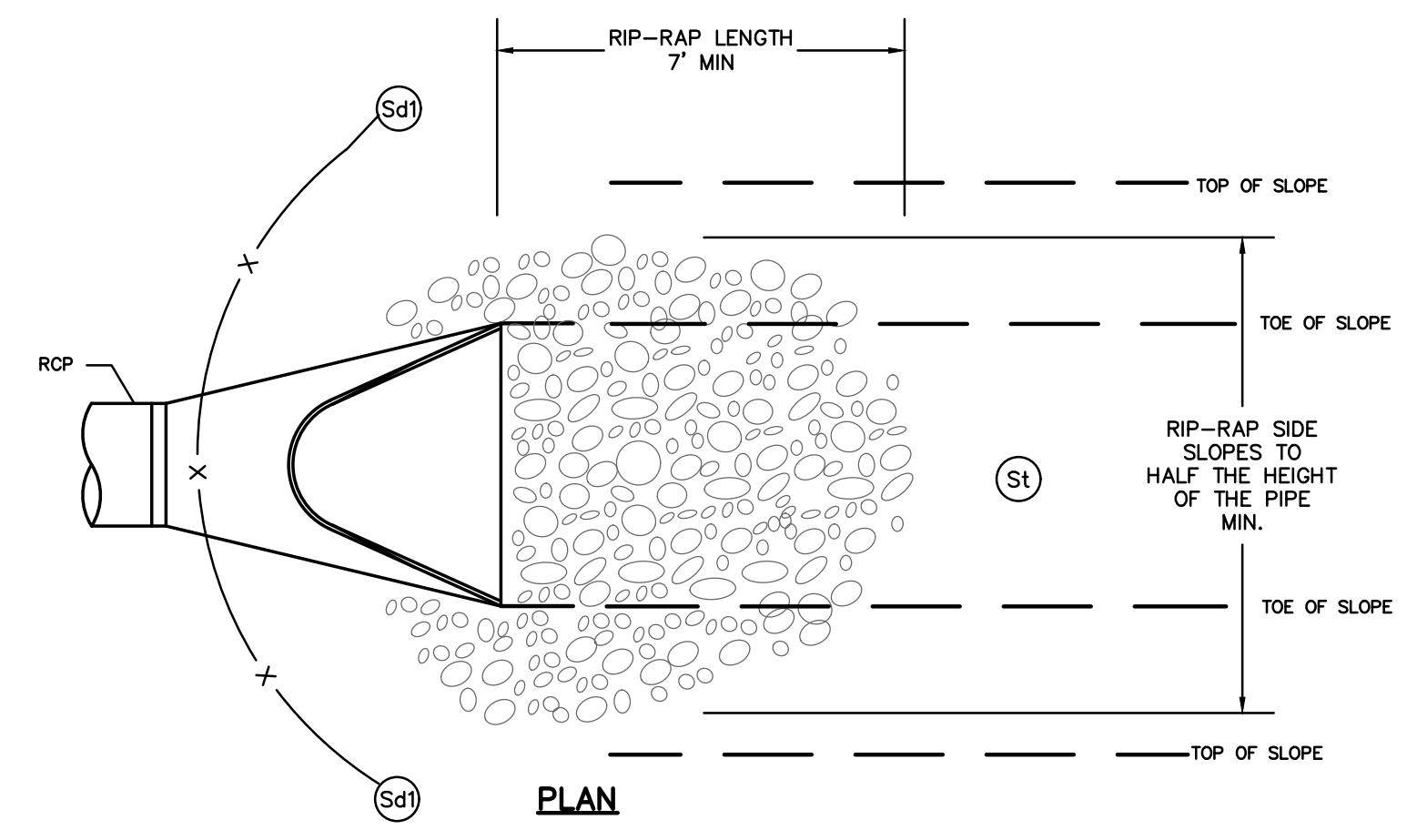


St SIZE CHART

LD	OUTLET	PIPE DIA.	L_a	W1	W2	d50	FLOW RATE	VELOCITY	D
1	FES 1A	DBL 24"	12'	15'	17'	6"	15.91 CFS	4.01 FT/S	14"
2	HW 3	TRP 36"	35'	17'	38'	15"	105.3 CFS	5.45 FT/S	34"
3	FES 3A	30"	12'	8'	15'	6"	2.34 CFS	3.07 FT/S	14"

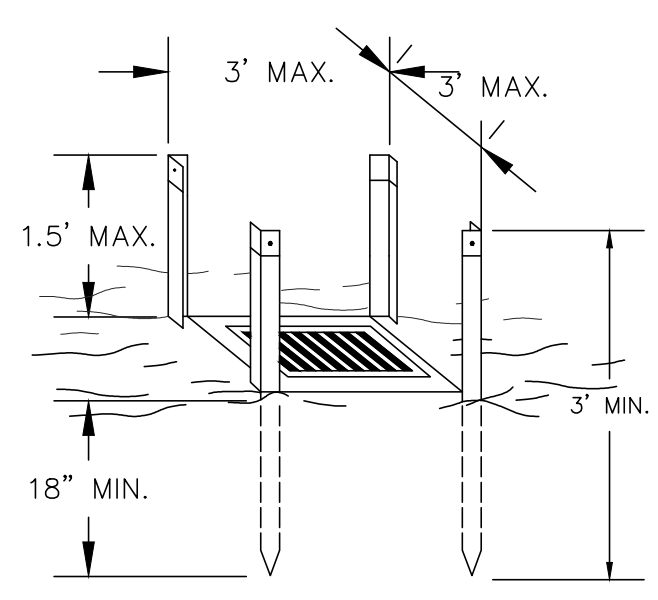
*ALL TAILWATER CONDITIONS ARE MINIMUM.

St RIPRAP OUTLET PROTECTION

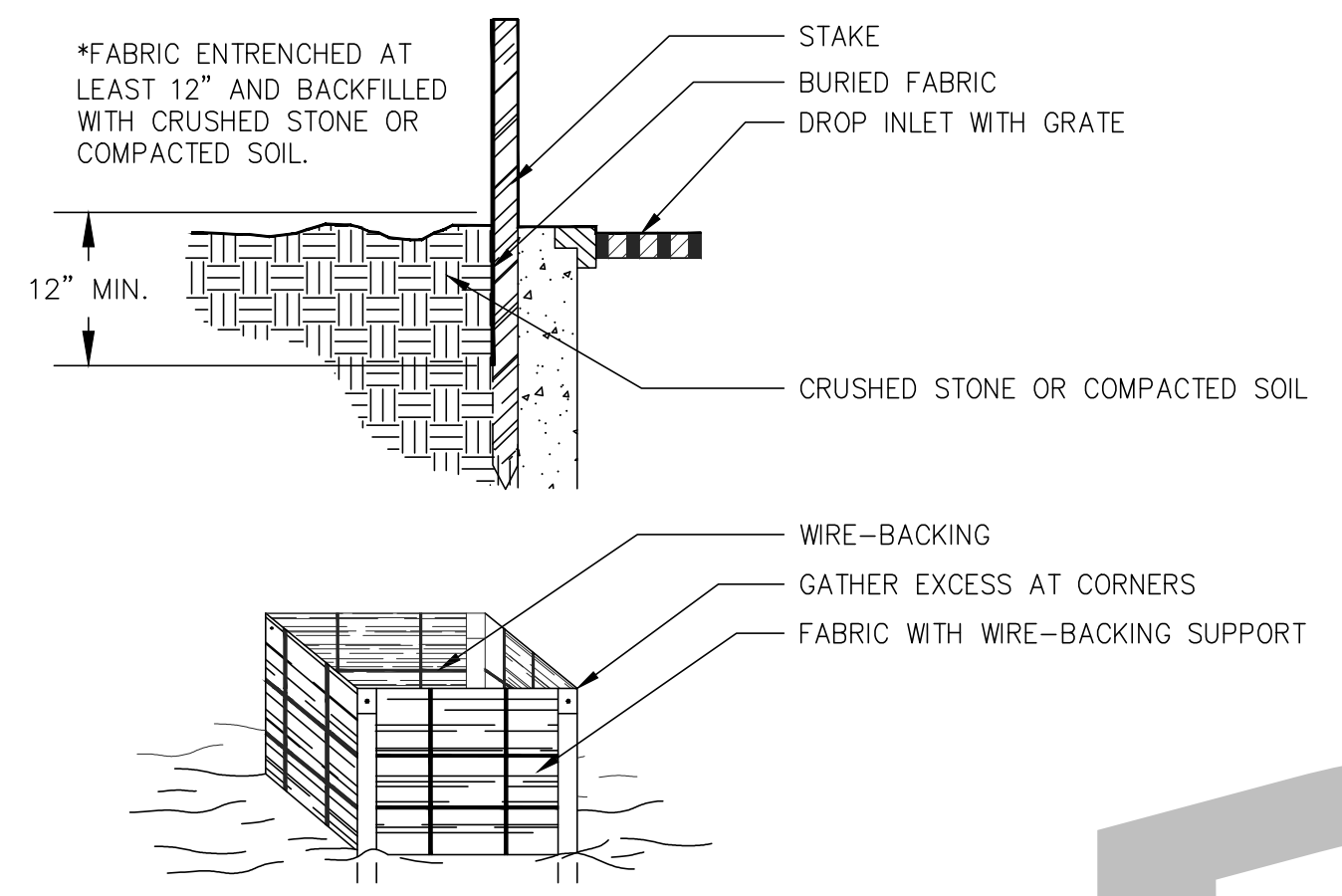


PRECAST FLARED END SECTION
N.T.S.

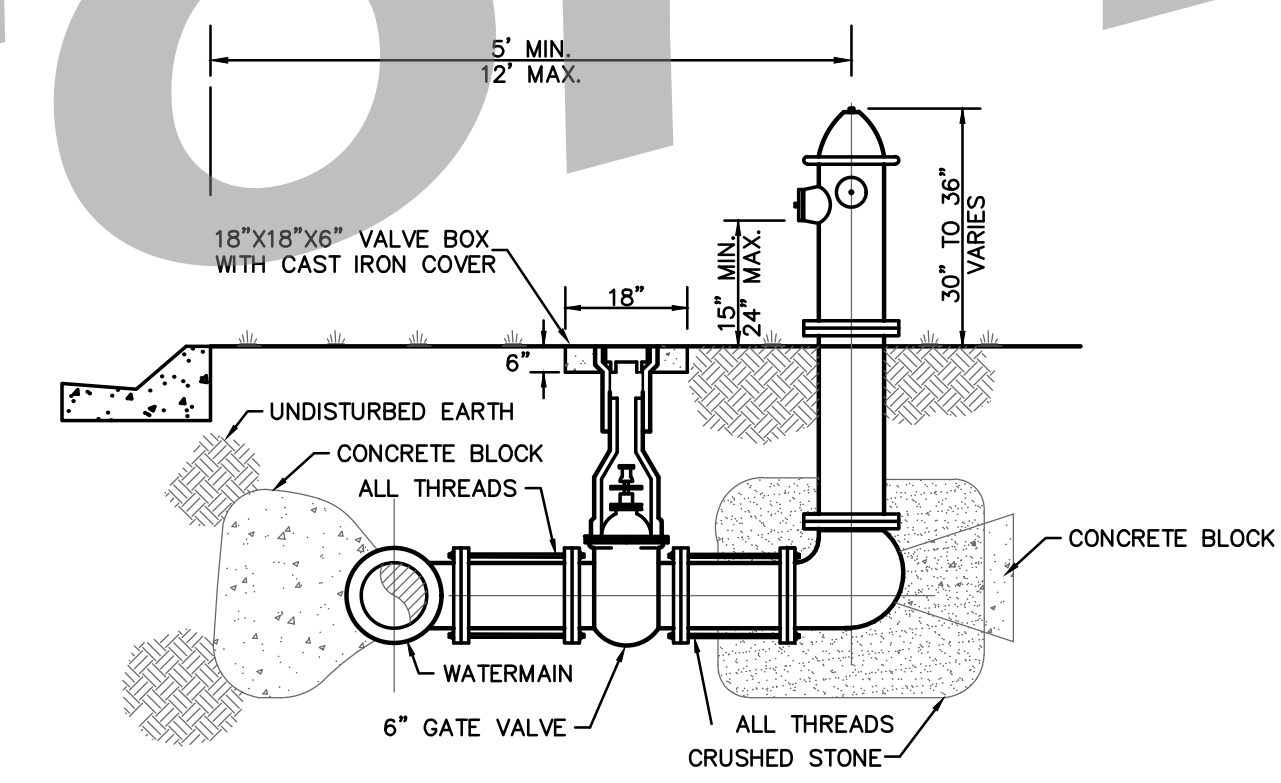
STEEL FRAME AND SILT FENCE INSTALLATION



- NOTES:
1. DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
 2. THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
 3. THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
 4. THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.

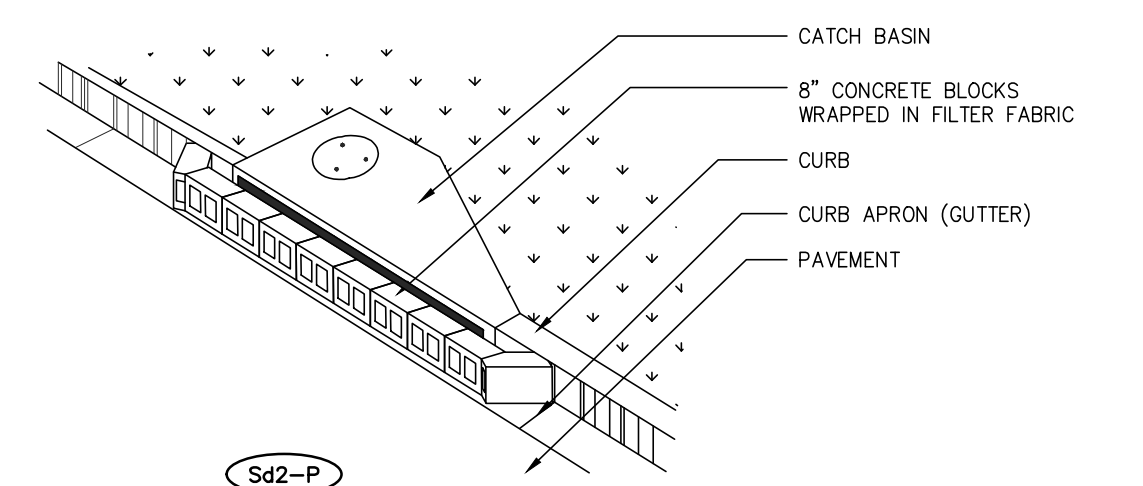
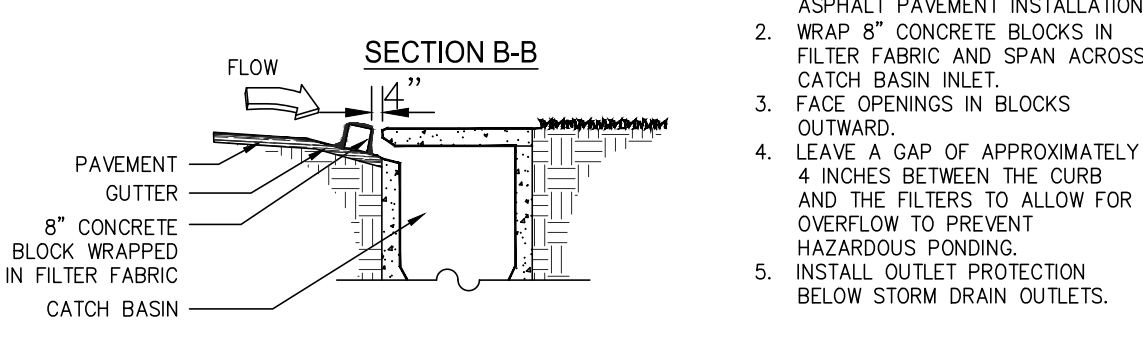
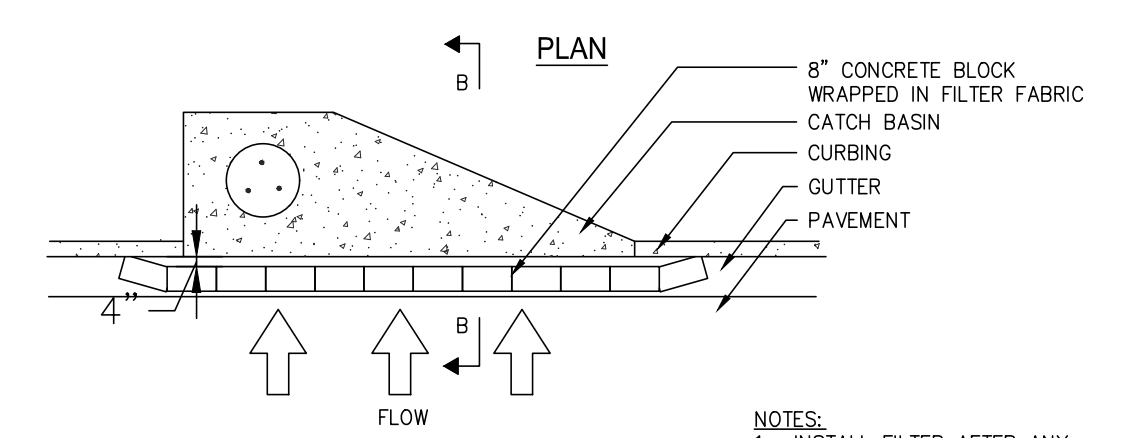


Sd2-F FILTER FABRIC WITH SUPPORTING FRAME

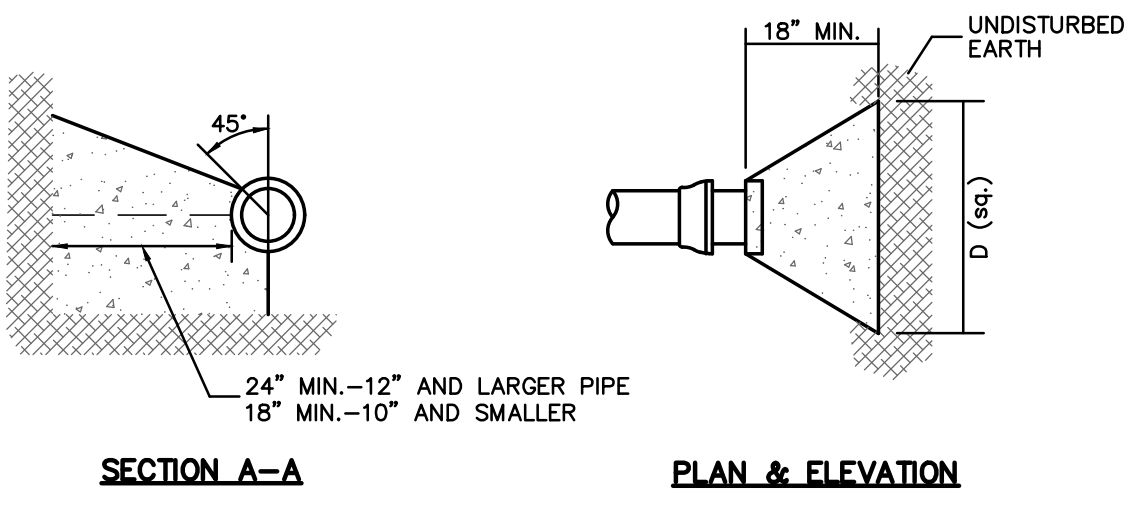
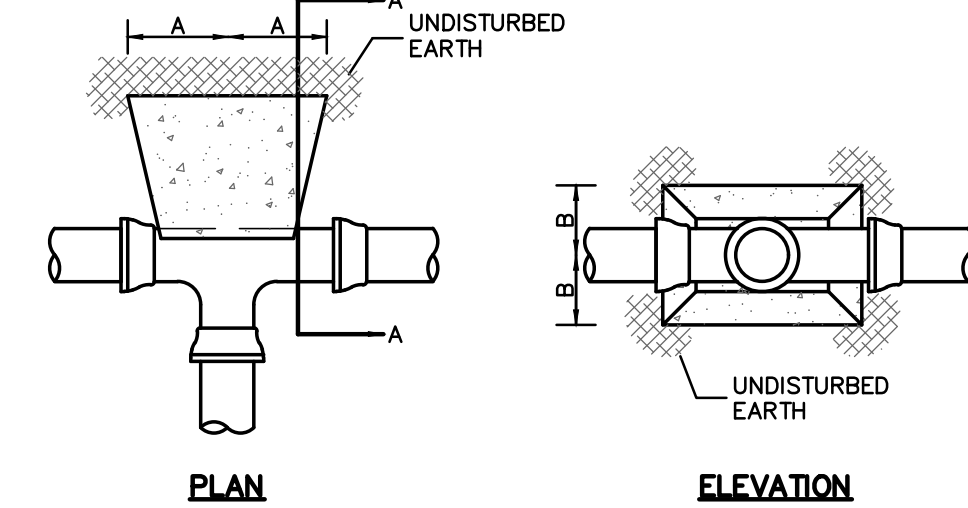
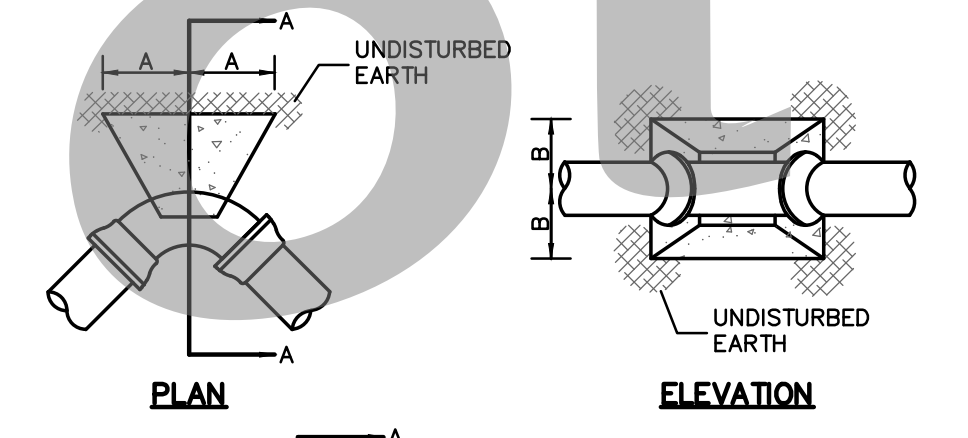


FIRE HYDRANT DETAIL
N.T.S.

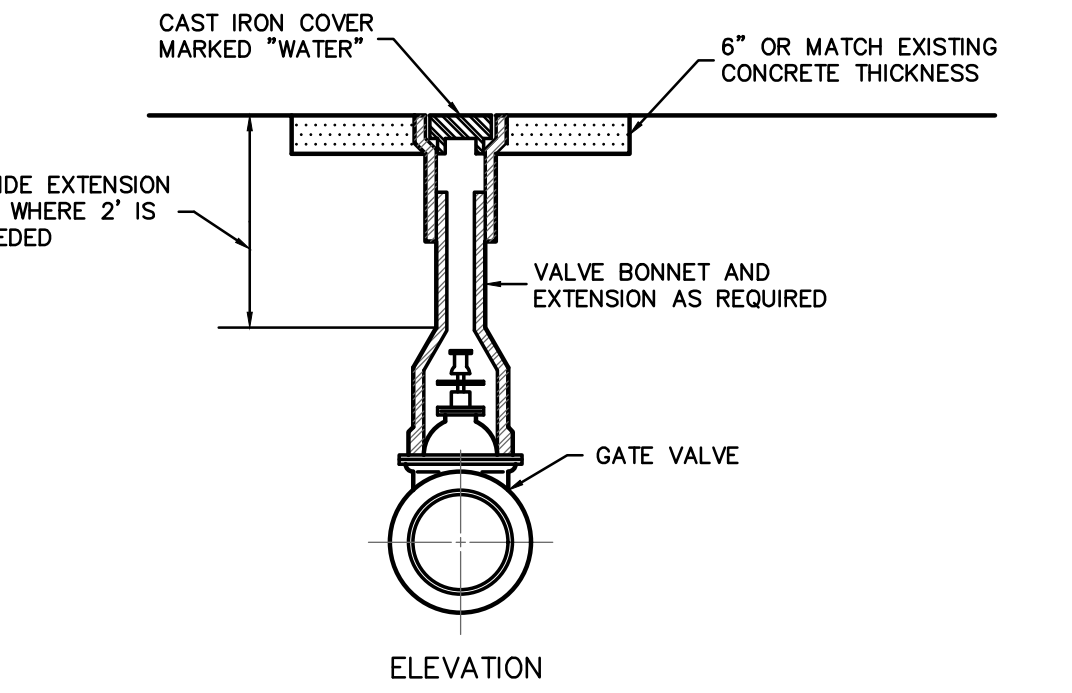
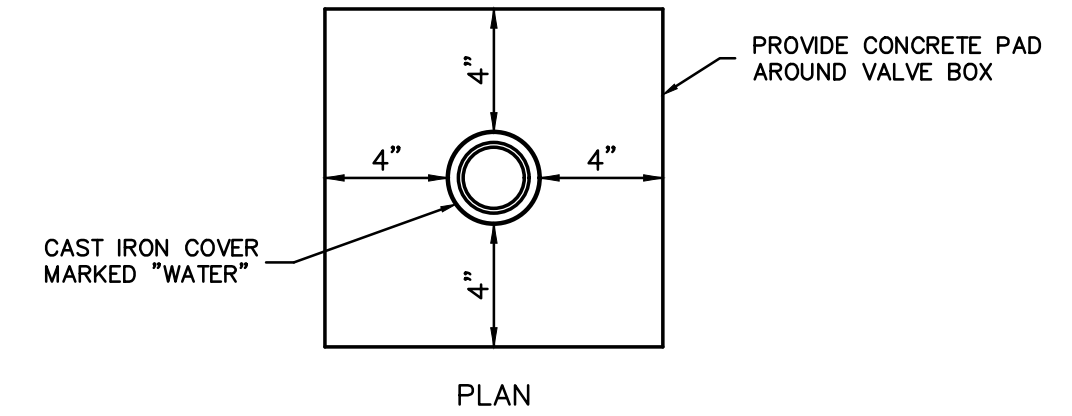
TYPE	SIZE	1/4 BENDS		1/8 BENDS		1/16 BENDS		TEES		PLUGS	
		A	B	A	B	A	B	A	B	C	D
TYPE 1 4,000 PSF SOIL	6"	8"	10"	6"	8"	3"	8"	8"	8"	10"	15"
	8"	12"	12"	8"	10"	5"	9"	9"	12"	12"	20"
	10"	16"	14"	10"	12"	6"	10"	11"	14"	14"	25"
	12"	19"	16"	12"	14"	8"	11"	14"	16"	16"	30"
	14"	23"	18"	14"	16"	10"	12"	16"	18"	18"	34"
TYPE 1 2,000 PSF SOIL	6"	16"	20"	16"	18"	11"	13"	18"	20"	20"	38"
	8"	22"	13"	12"	13"	8"	10"	13"	16"	12"	29"
	10"	26"	17"	14"	17"	10"	13"	16"	20"	14"	36"
	12"	29"	21"	16"	21"	11"	16"	18"	24"	16"	41"
	14"	35"	24"	19"	24"	12"	20"	22"	27"	18"	48"
16"	38"	27"	21"	27"	12"	24"	24"	30"	20"	54"	



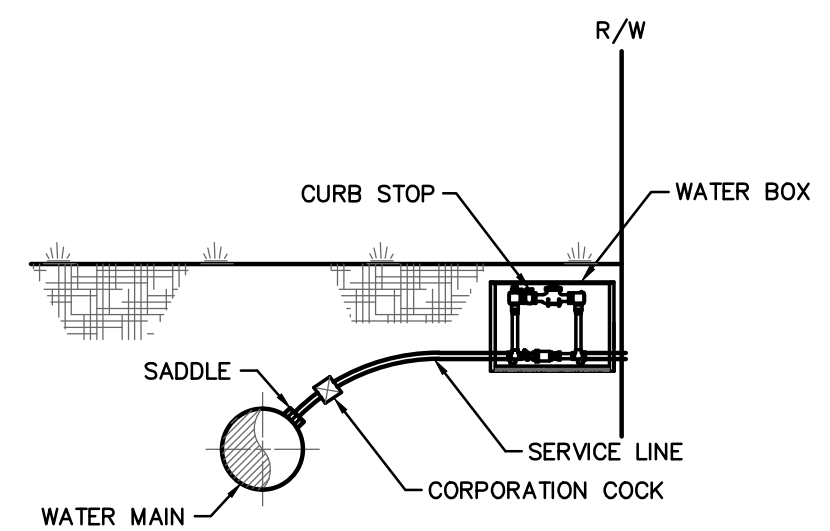
CURB INLET PROTECTION - "PIGS IN A BLANKET"
N.T.S.



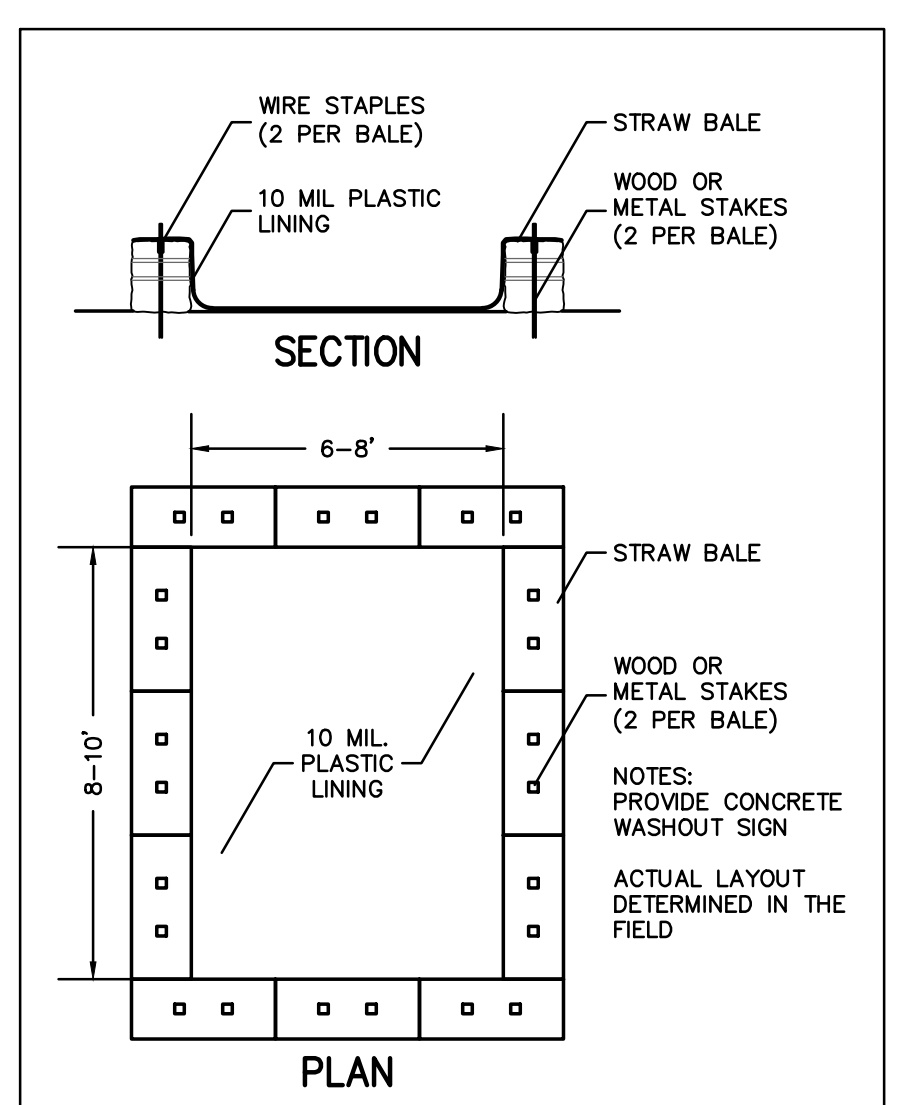
STANDARD THRUST BLOCKS FOR WATER MAIN AND FORCE MAINS
N.T.S.



VALVE BOX DETAIL
N.T.S.



WATER SERVICE DETAIL
N.T.S.



CONCRETE WASHOUT DETAIL
NOT TO SCALE

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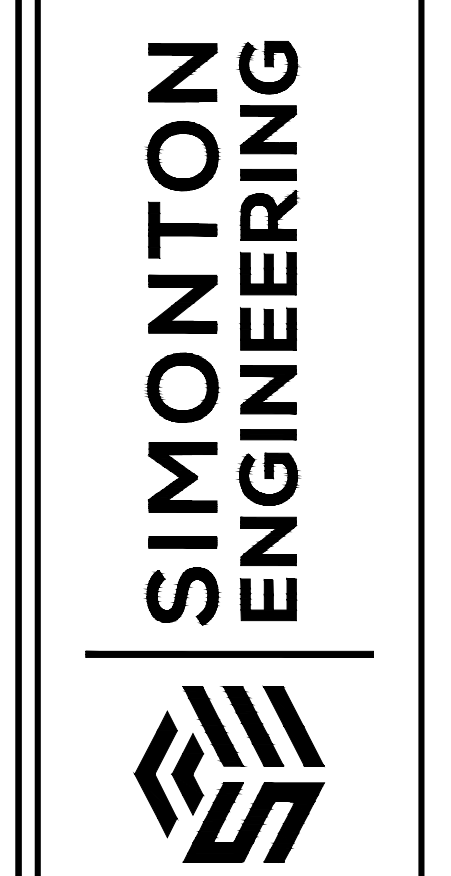
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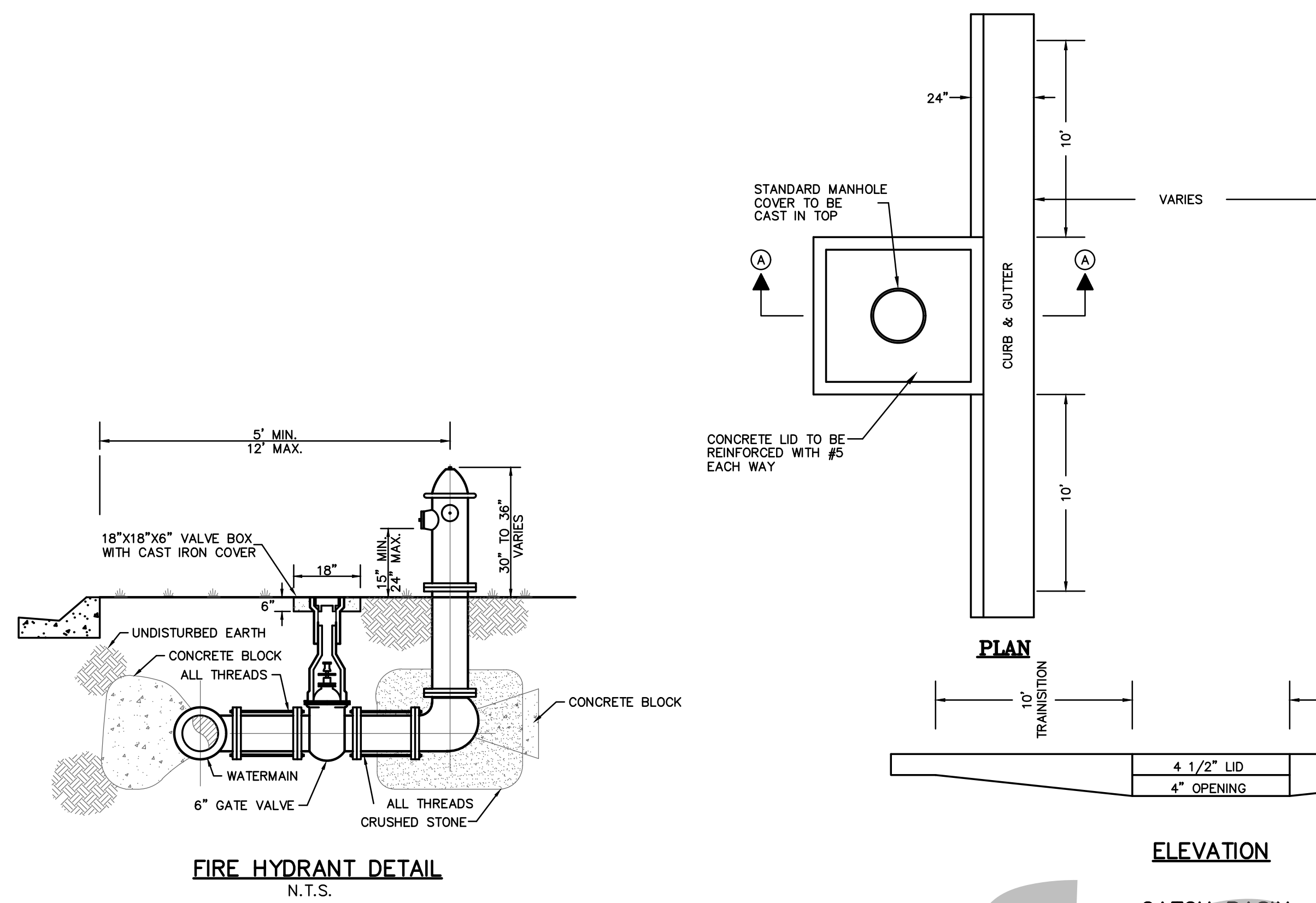
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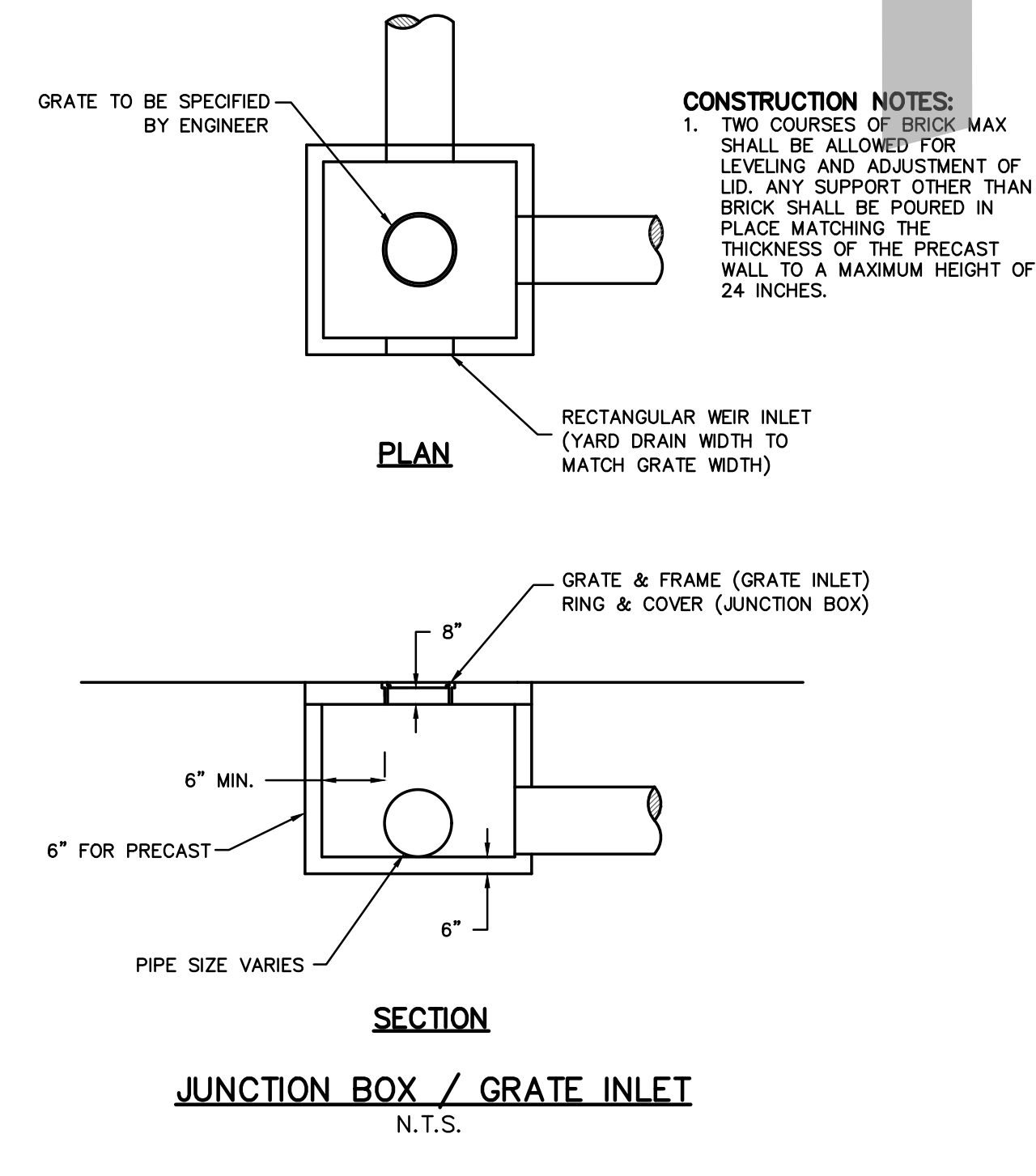
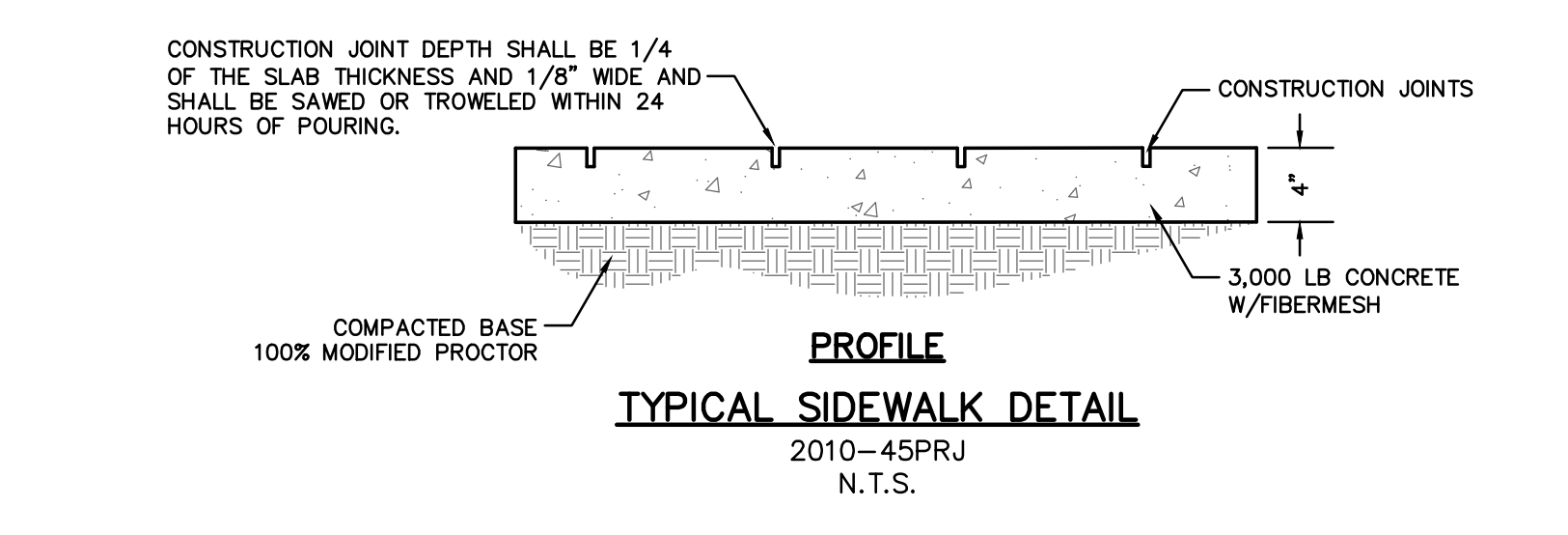
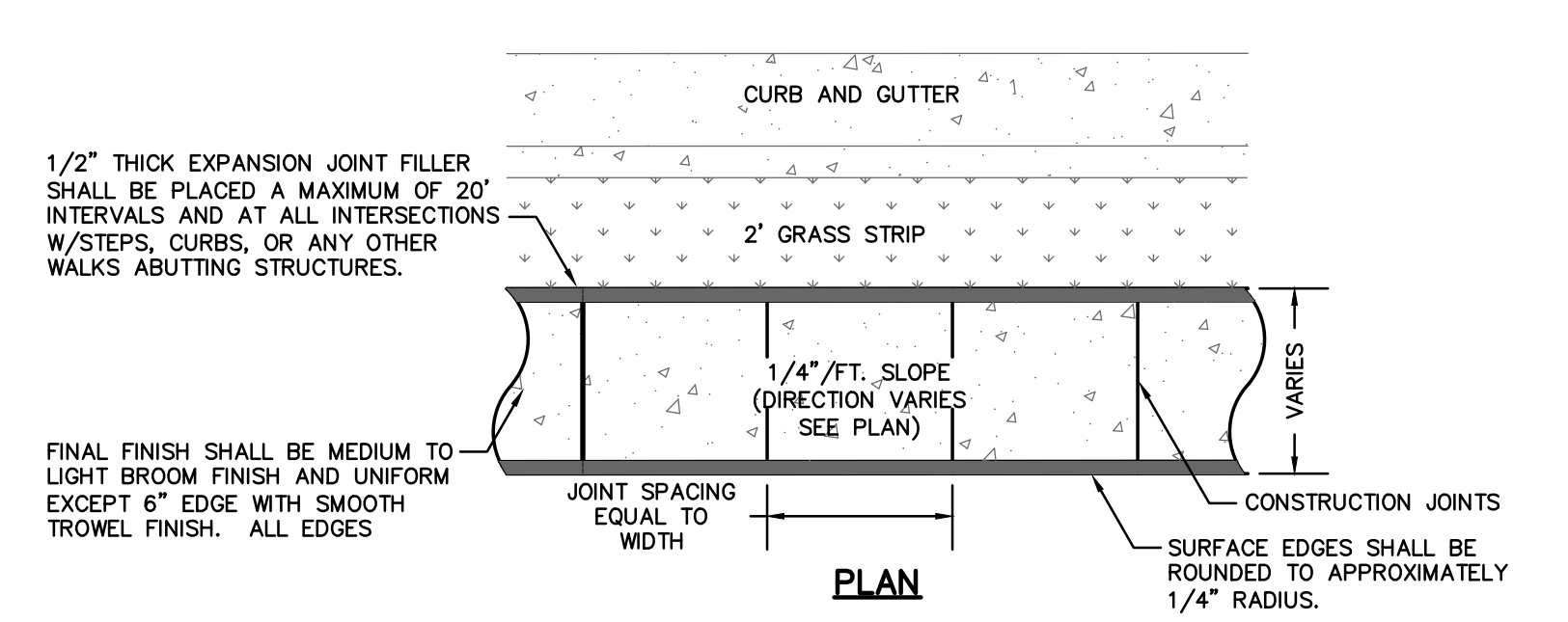
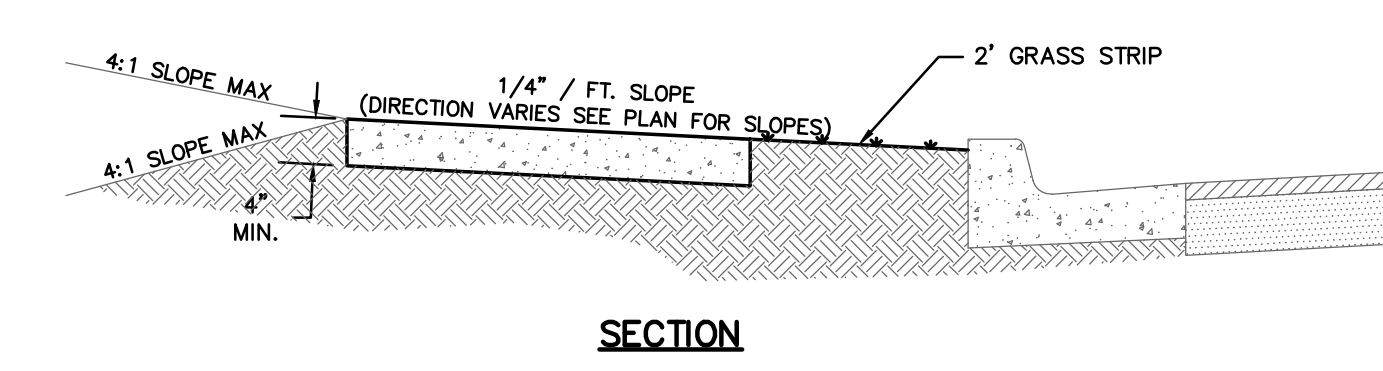
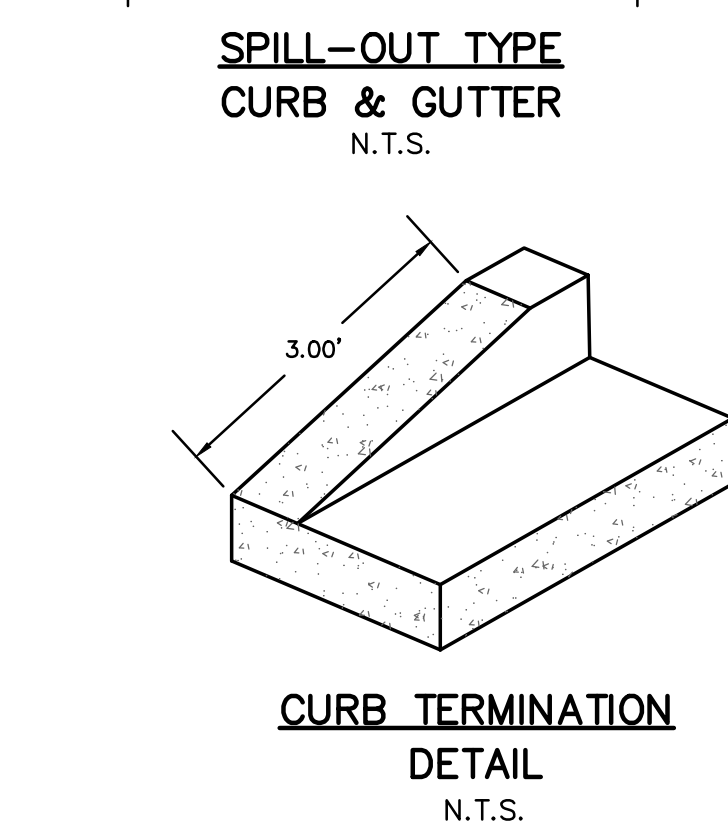
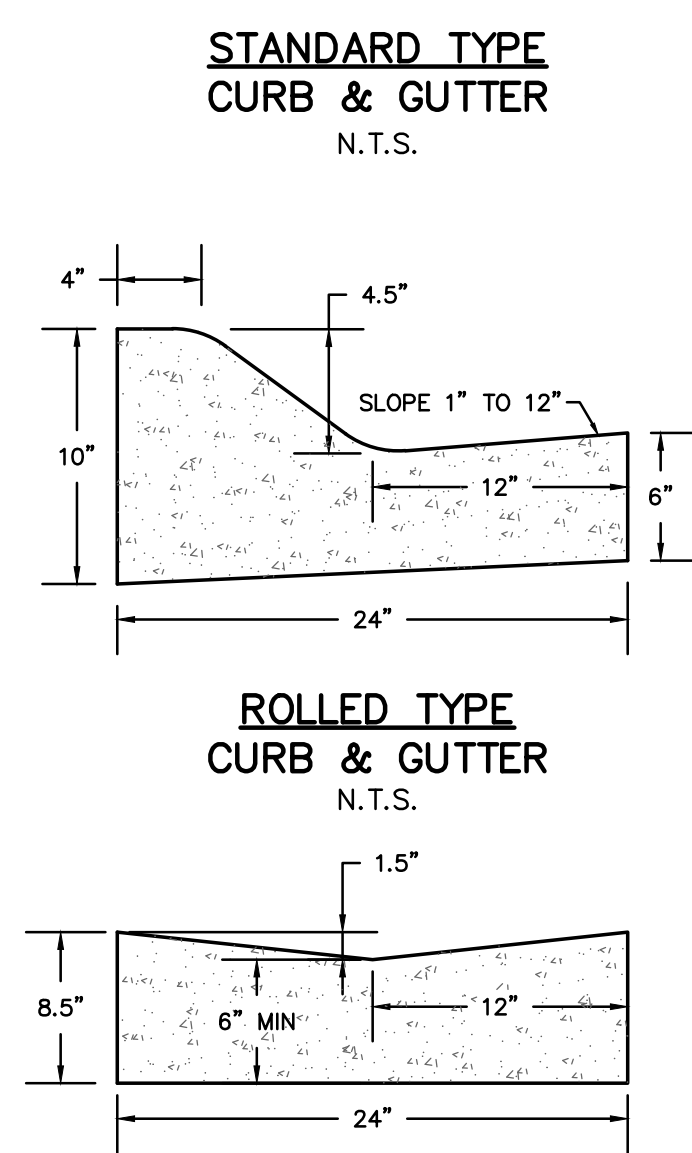
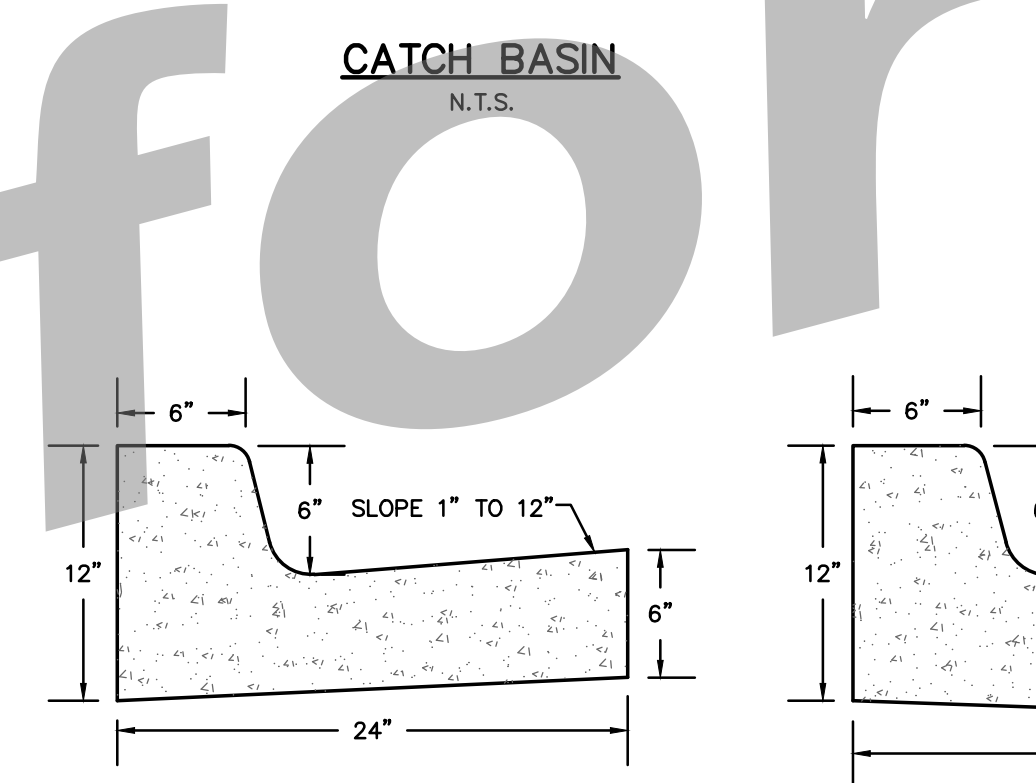
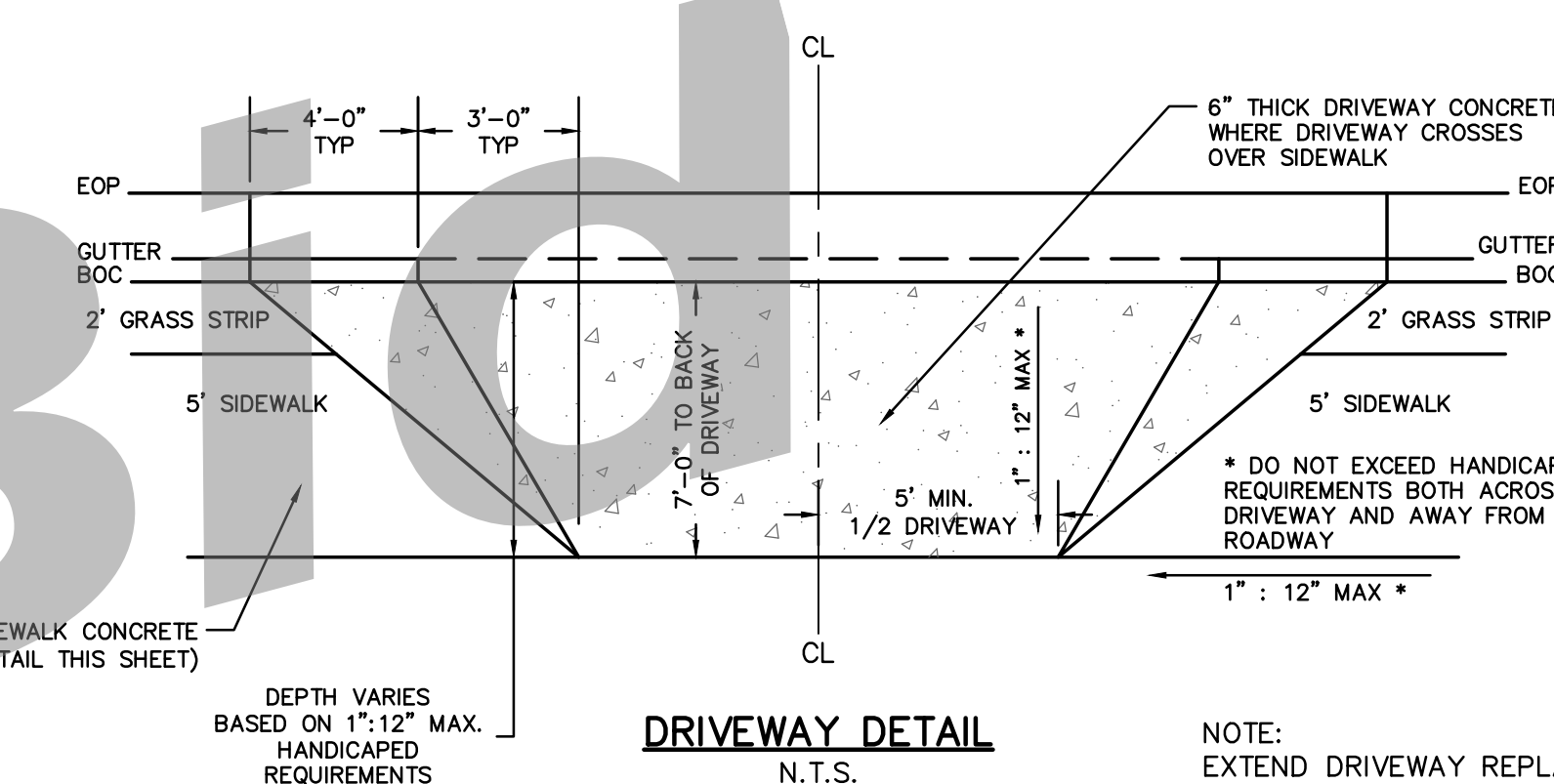
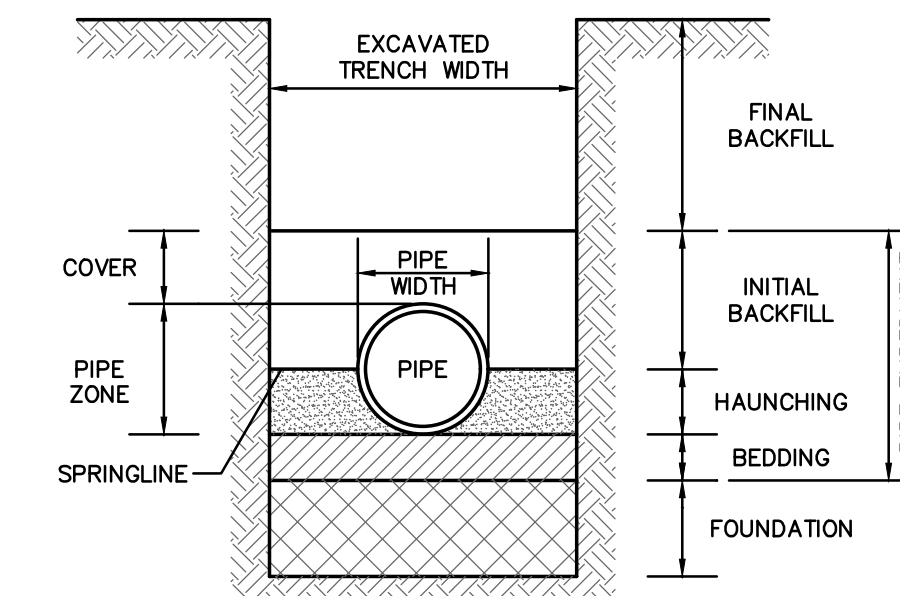
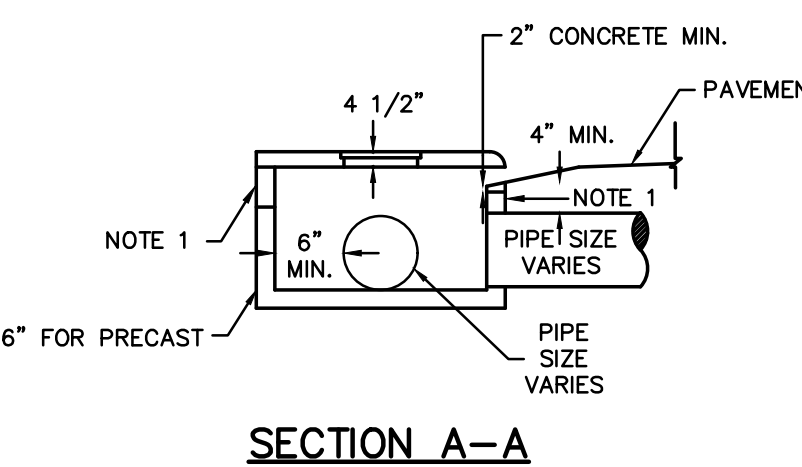
South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Details

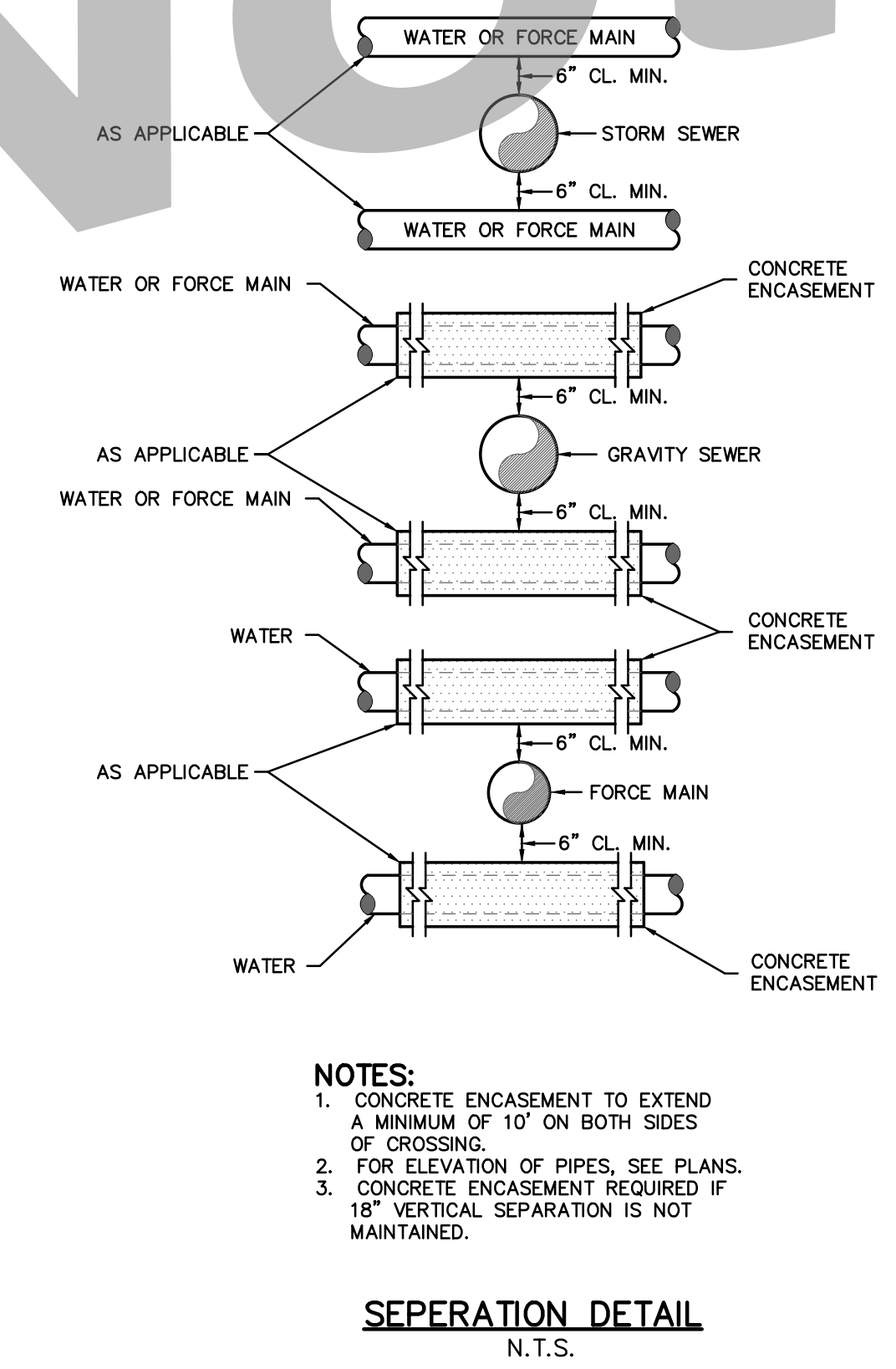
DATE: August 17, 2020
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SHEET: C8.1



- CONSTRUCTION NOTES:**
1. TWO COURSES OF BRICK MAX SHALL BE ALLOWED FOR LEVELING AND ADJUSTMENT OF LID. ANY SUPPORT OTHER THAN BRICK SHALL BE POURED IN PLACE MATCHING THE THICKNESS OF THE PRECAST WALL TO A MAXIMUM HEIGHT OF 24 INCHES. NO BRICK WILL BE ALLOWED ON THE THROAT. THROAT MUST BE MONOLITHIC POUR MINIMUM OF 2" THICK. OPENING TO BE 4" AT THROAT.
 2. ALL POURED COMPONENTS SHALL BE PLACED ON COMPACTED SUBGRADE (98% STANDARD PROCTOR)
 3. CATCH BASIN IS NOT FOR ROADWAY USE. USE ONLY ON PRIVATE ROADS OR PARKING LOTS.



- CONSTRUCTION NOTES:**
1. TWO COURSES OF BRICK MAX SHALL BE ALLOWED FOR LEVELING AND ADJUSTMENT OF LID. ANY SUPPORT OTHER THAN BRICK SHALL BE POURED IN PLACE MATCHING THE THICKNESS OF THE PRECAST WALL TO A MAXIMUM HEIGHT OF 24 INCHES.



- NOTES:**
1. CONCRETE ENCASUREMENT TO EXTEND A MINIMUM OF 10' ON BOTH SIDES OF CROSSING.
 2. FOR ELEVATION OF PIPES, SEE PLANS.
 3. CONCRETE ENCASUREMENT REQUIRED IF 18" VERTICAL SEPARATION IS NOT MAINTAINED.

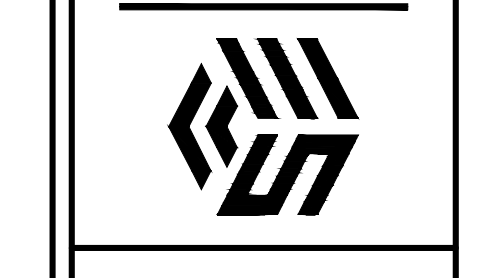
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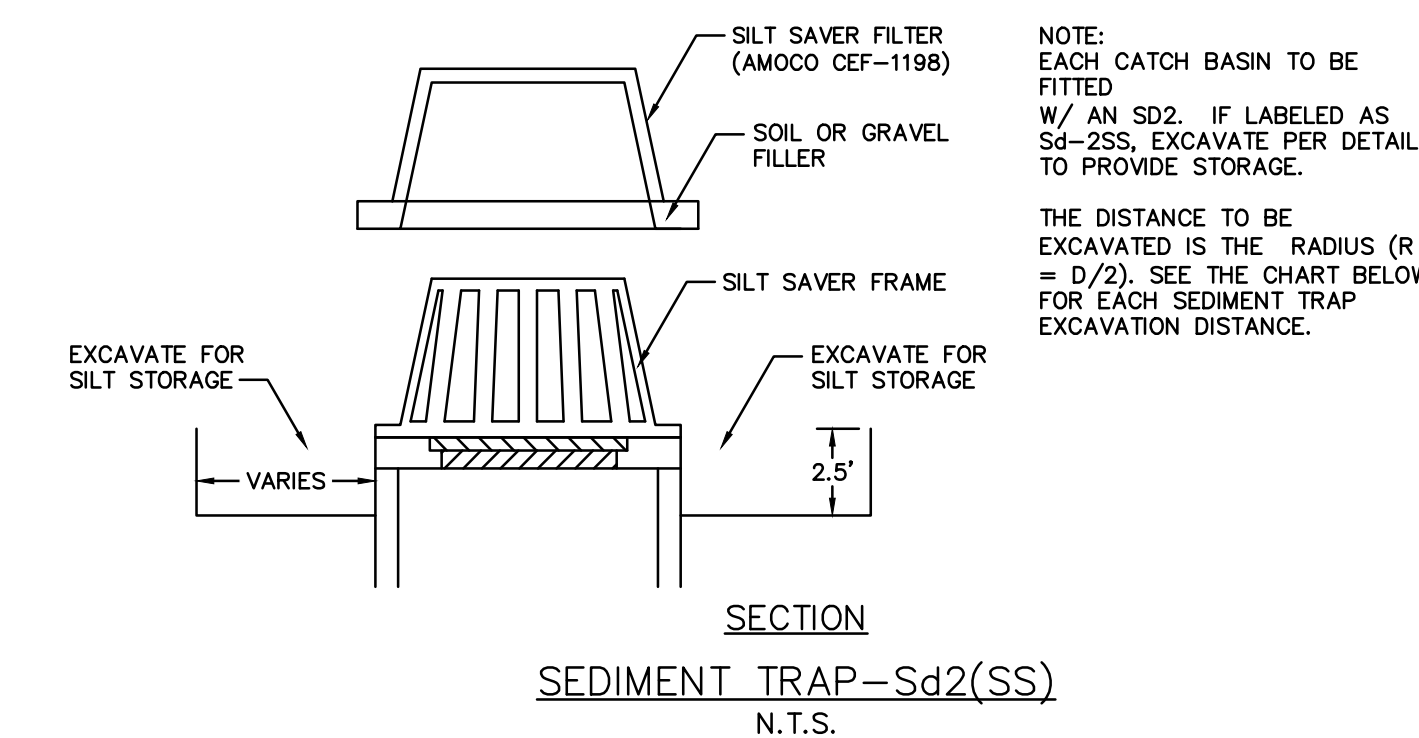
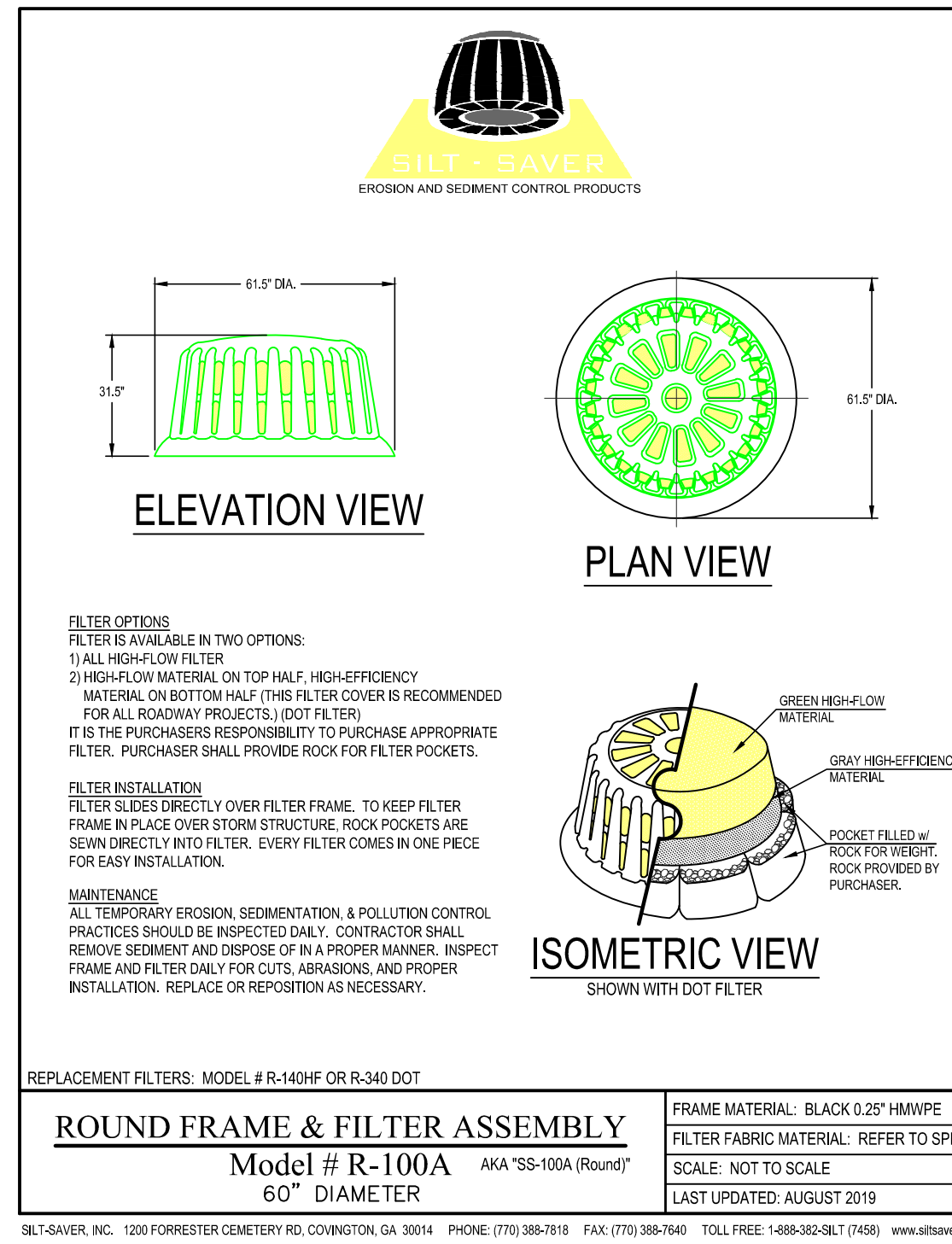
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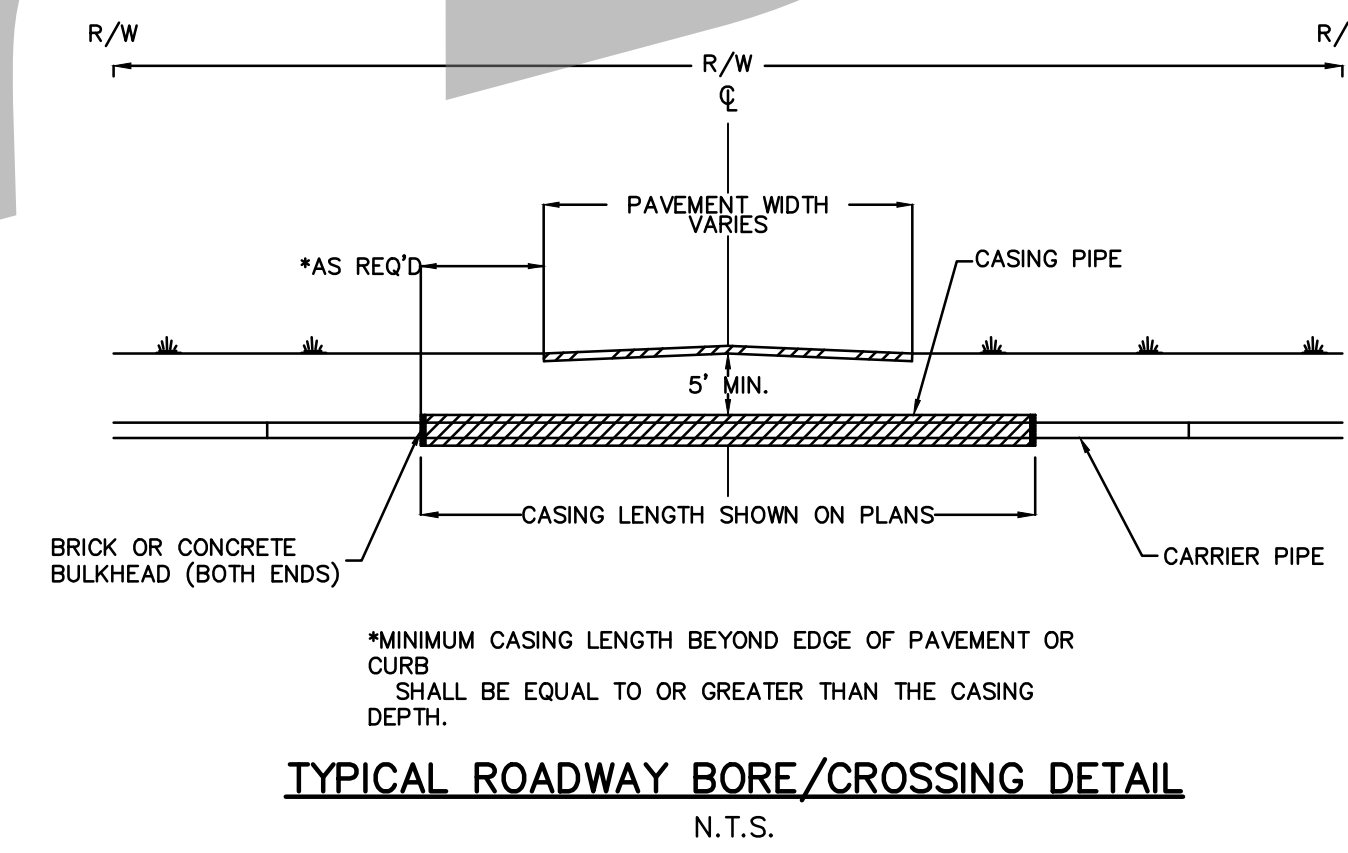
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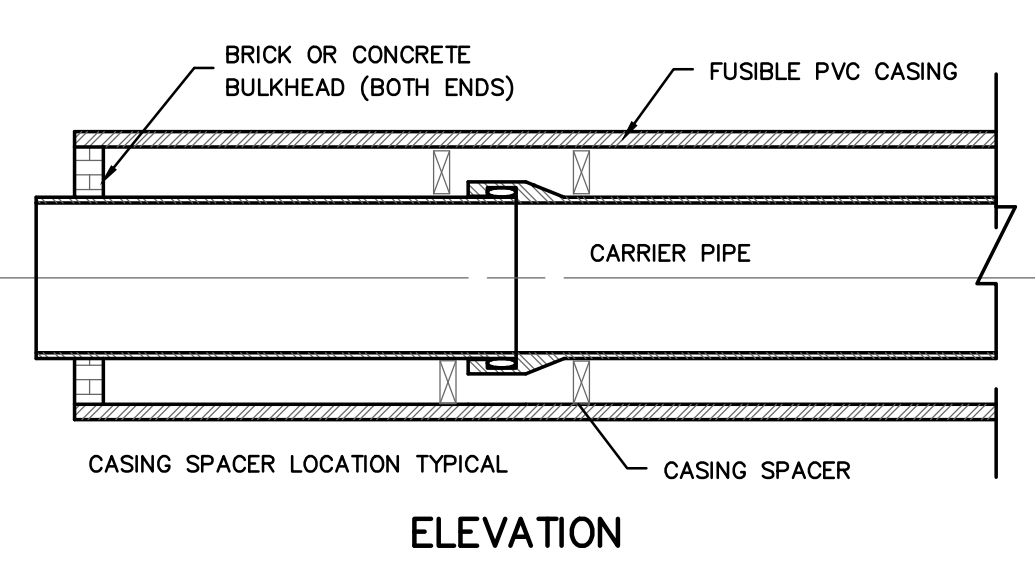
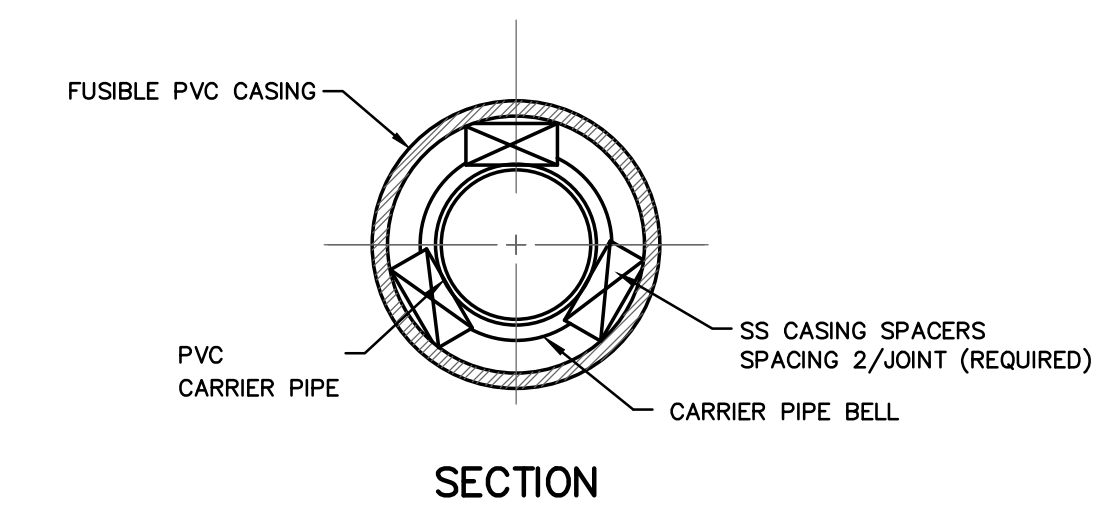
Sd2 Sizing Chart

	(ACRES)	(CF)	(FT)	(FT)	(SF)		(FT)
INLET I.D.	DRAINAGE AREA	REQ. SEDIMENT STORAGE	EXCAVATION DEPTH	SIDE SLOPES	MIN. SURFACE AREA REQ. (S _{min})	EXCAVATION SHAPE	DIAMETER
CI-1A	0.22	389.87	2.5	2:1	155.95	CIRCULAR	14
CI-2A	0.08	135.76	2.5	2:1	54.30	CIRCULAR	8
YI-3A	0.06	116.16	2.5	2:1	46.46	CIRCULAR	8
CI-6F	0.16	291.91	2.5	2:1	116.76	CIRCULAR	12
YI-5F	0.13	233.35	2.5	2:1	93.34	CIRCULAR	11
YI-4F	0.09	161.34	2.5	2:1	64.54	CIRCULAR	9
YI-3F	0.06	116.61	2.5	2:1	46.65	CIRCULAR	8
YI-2F	0.10	177.29	2.5	2:1	70.91	CIRCULAR	10
YI-1D	0.19	341.33	2.5	2:1	136.53	CIRCULAR	13
YI-1	0.22	402.79	2.5	2:1	161.12	CIRCULAR	14
YI-2	0.12	218.03	2.5	2:1	87.21	CIRCULAR	11
YI-3	0.14	262.05	2.5	2:1	104.82	CIRCULAR	12
YI-4	0.15	267.36	2.5	2:1	106.95	CIRCULAR	12
YI-13	0.04	76.95	2.5	2:1	30.78	CIRCULAR	6
YI-6	0.08	141.16	2.5	2:1	56.46	CIRCULAR	8
YI-5	0.09	155.73	2.5	2:1	62.29	CIRCULAR	9
YI-36	0.38	695.94	2.5	2:1	278.38	CIRCULAR	19
YI-34	0.16	288.54	2.5	2:1	115.42	CIRCULAR	12
YI-24	0.13	238.25	2.5	2:1	95.30	CIRCULAR	11
YI-25	0.20	361.43	2.5	2:1	144.57	CIRCULAR	14
CI-2	0.09	159.68	2.5	2:1	63.87	CIRCULAR	9
YI-26	0.21	369.21	2.5	2:1	155.28	CIRCULAR	14
YI-32	0.10	177.37	2.5	2:1	70.95	CIRCULAR	10
YI-30	0.16	285.97	2.5	2:1	114.39	CIRCULAR	12
YI-27	0.49	879.54	2.5	2:1	351.82	CIRCULAR	21
YI-29	0.16	282.31	2.5	2:1	112.93	CIRCULAR	12
YI-28	0.15	269.77	2.5	2:1	107.91	CIRCULAR	12



CASING REQUIREMENTS - ROADWAY CROSSINGS

CARRIER PIPE	MATL.	O.D.	MAX O.D. @ JOINTS	MIN CASING SIZE	MATL.	I.D.	MAX O.D. @ JOINTS
10"	PVC	11.10"	14.07"	18"	FUSIBLE PVC	17.20"	23.83"



CASING DETAILS
N.T.S.
2010-45PRJ

Not for Bid

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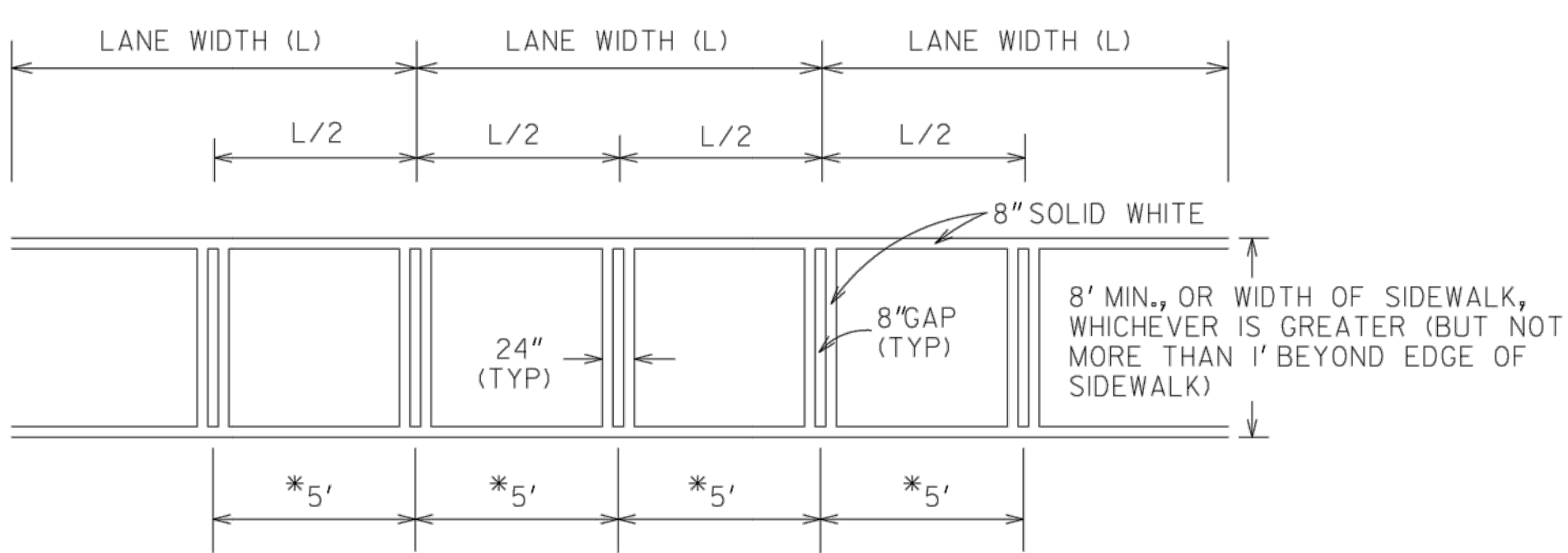
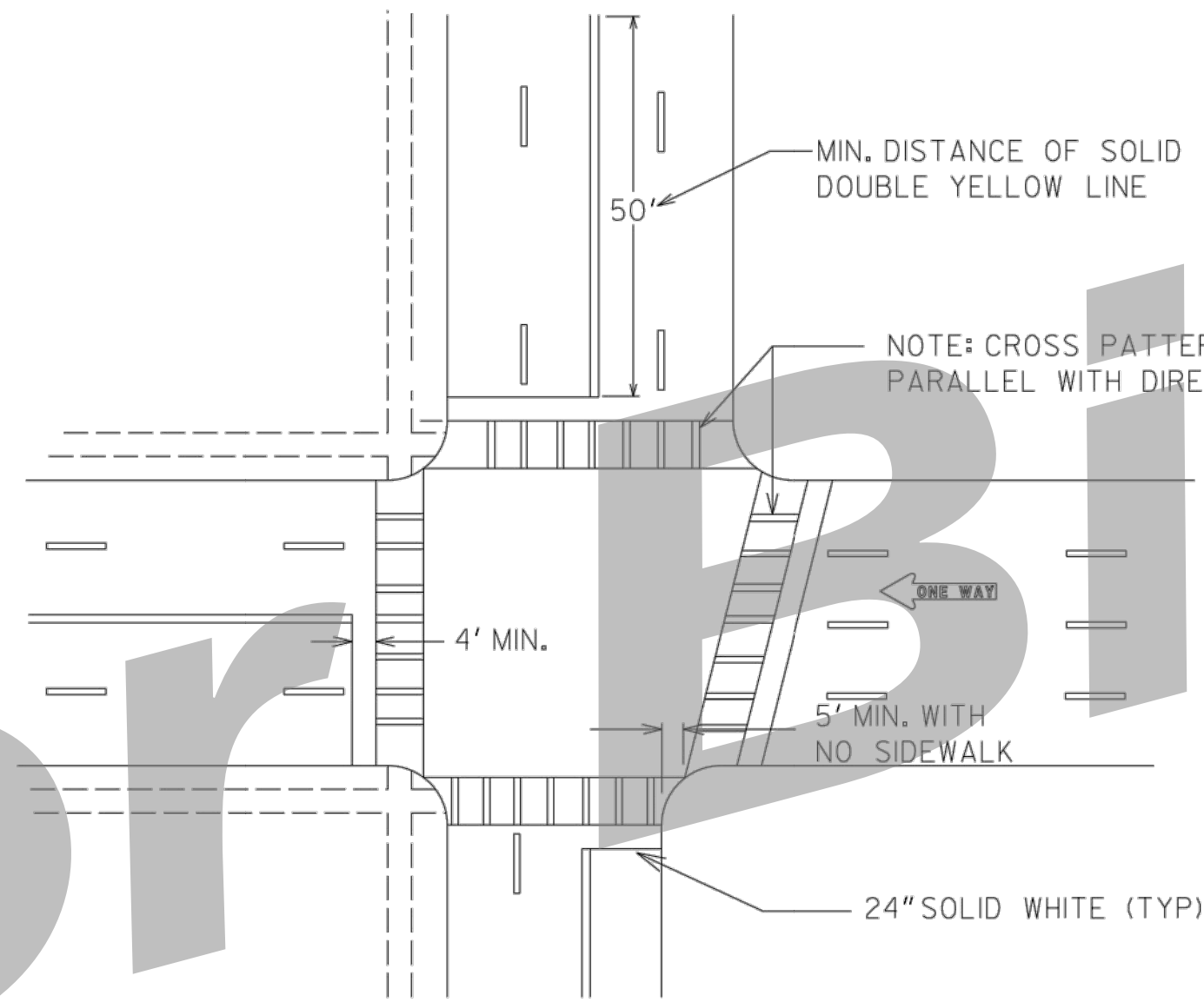
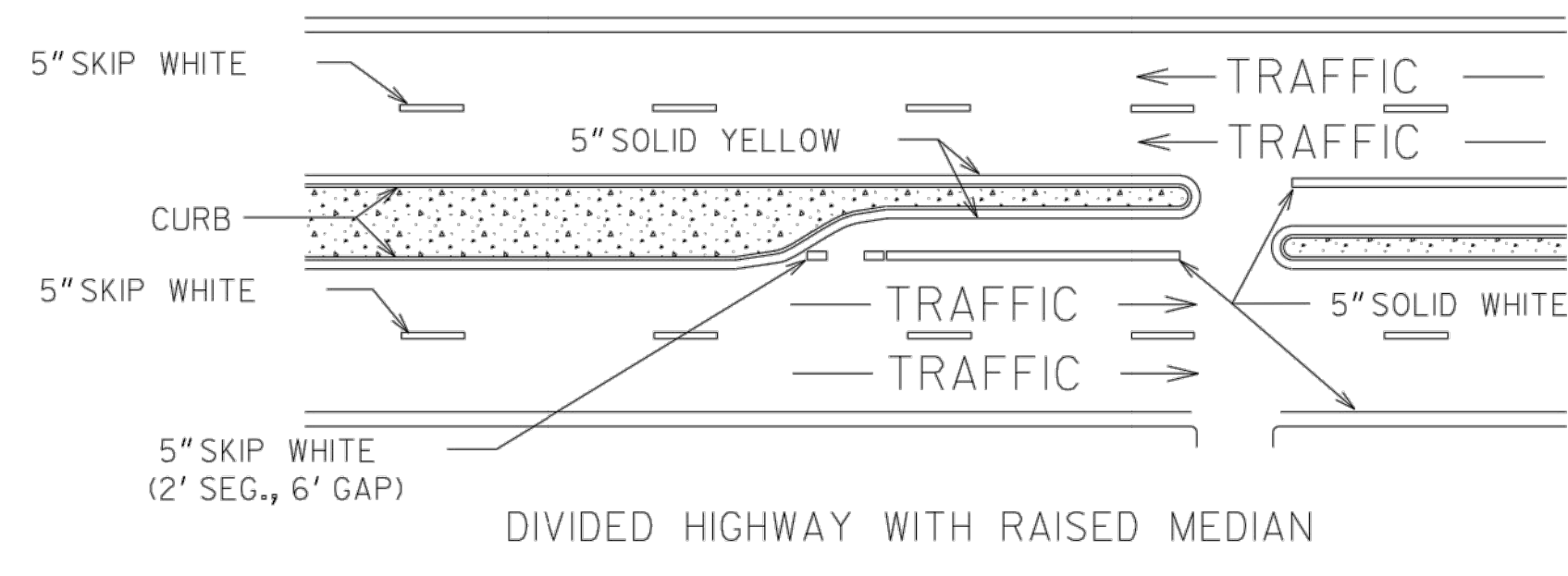
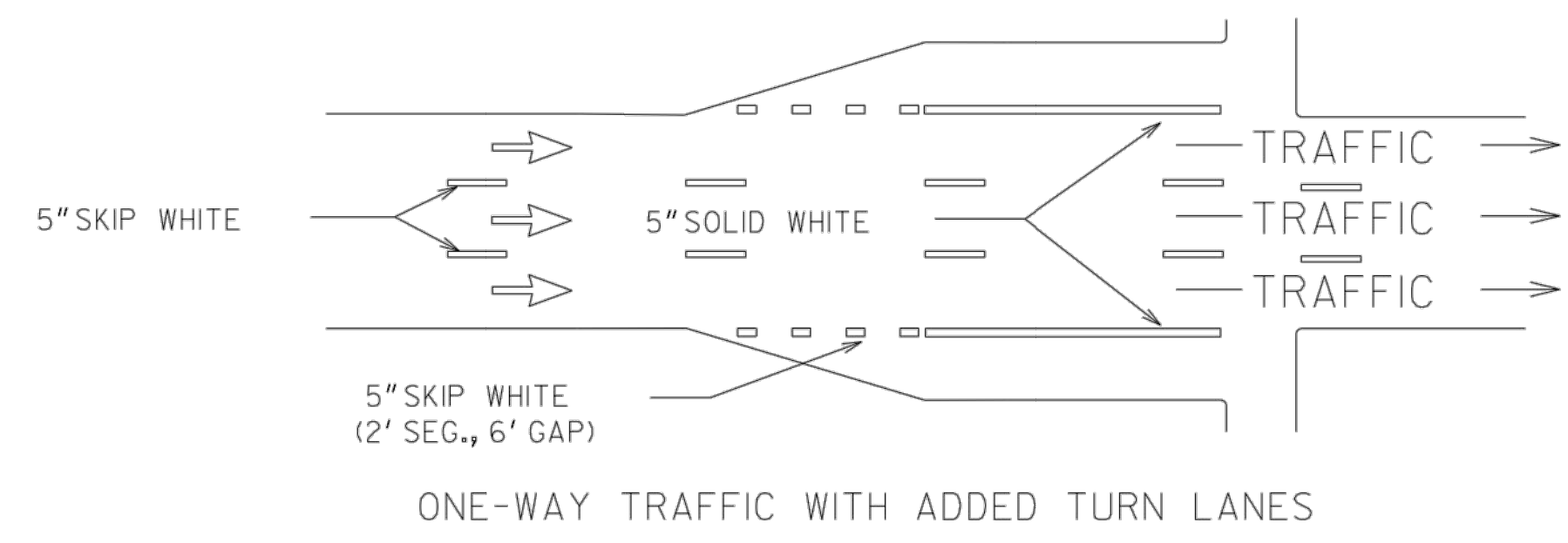
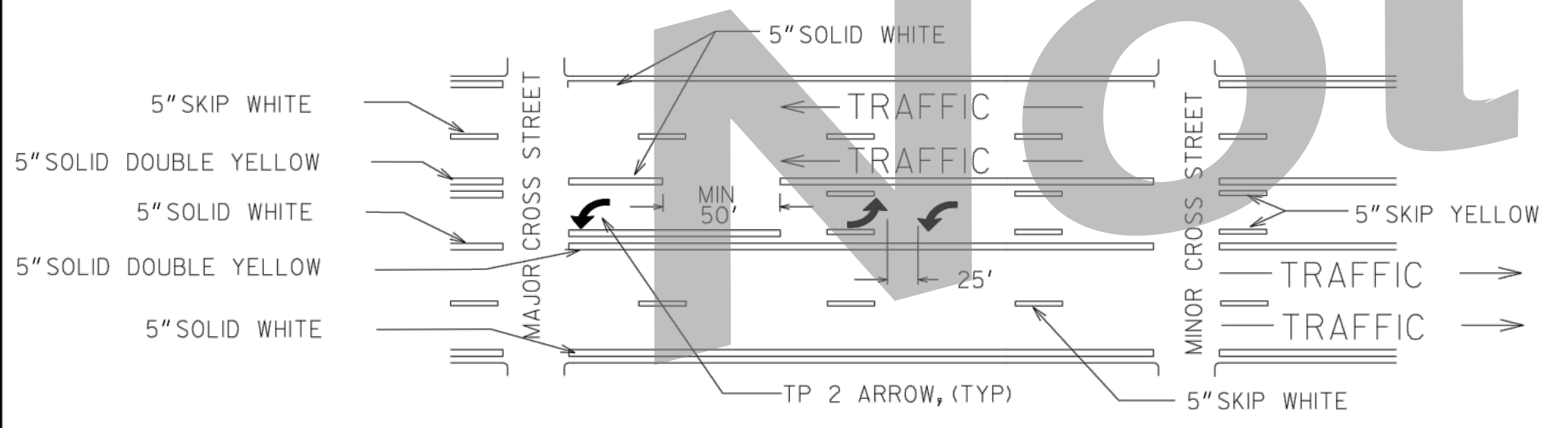
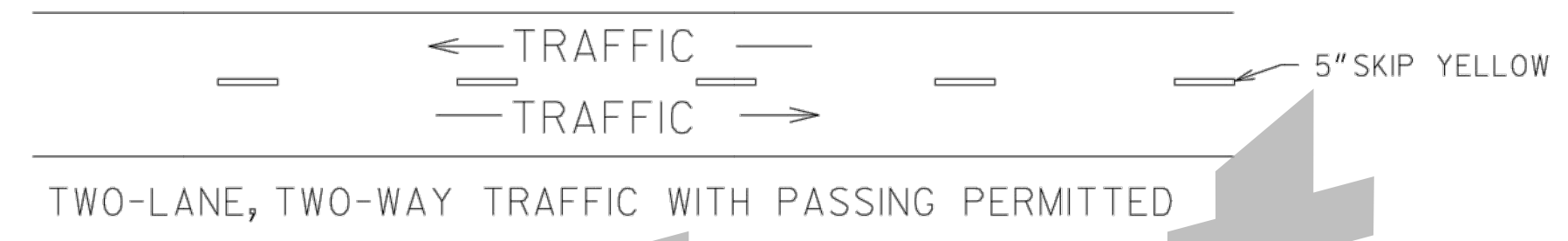
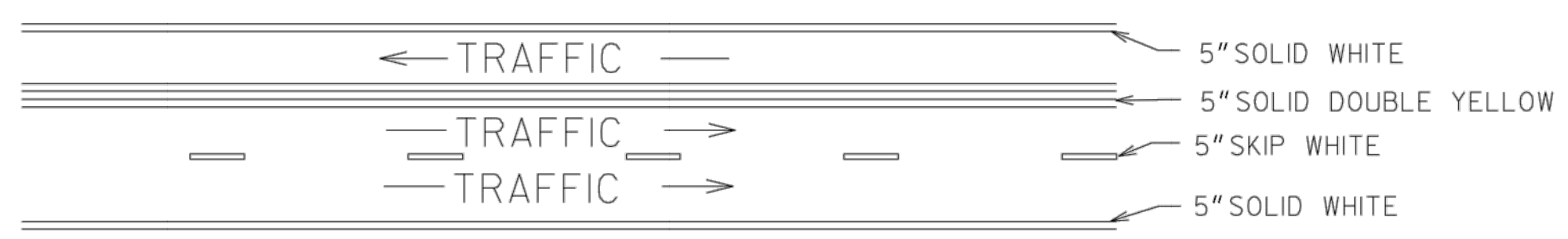
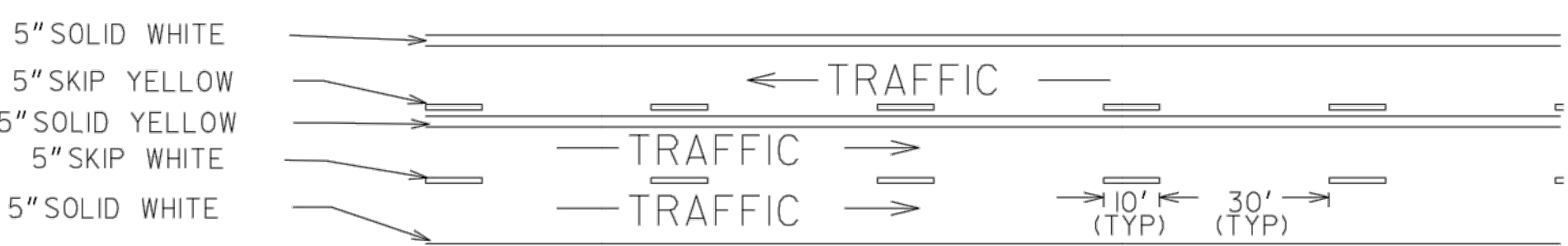
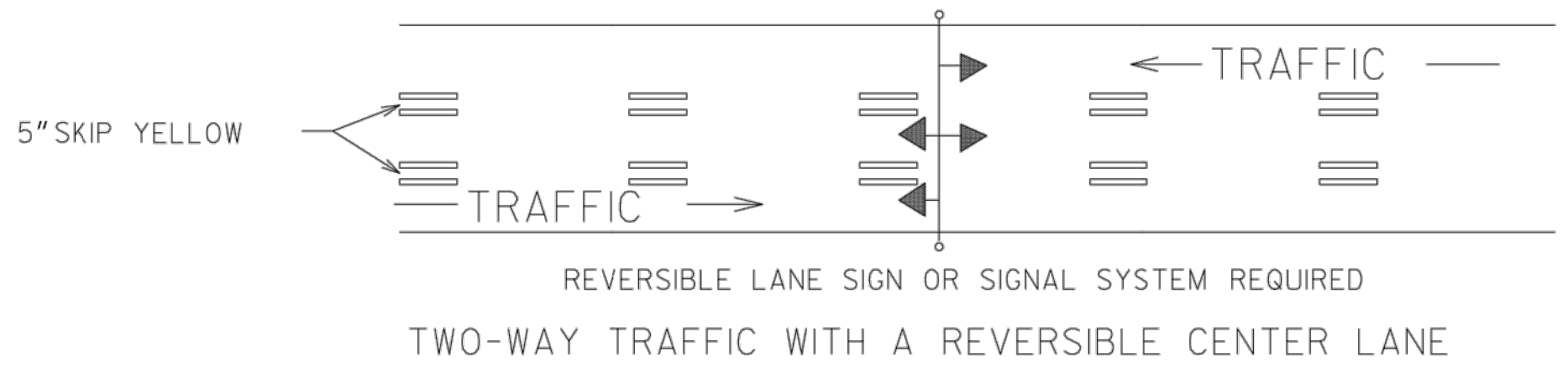
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South Main Street Widening
 for
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 Liberty County, Georgia

Details
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 FILE NO: 2010-45PRJ
 SHEET: CB_3

Level II Certification No. 935
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 REG. NO. 1555
 PAUL C. SIMONTON
 PROFESSIONAL ENGINEER

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



- GENERAL NOTES:
1. SPACING BETWEEN DOUBLE LINES SHALL BE EQUAL TO THE LINE WIDTH.
 2. EDGE LINES SHALL BE PLACED A MINIMUM OF 4 INCHES FROM THE NORMAL EDGE OF PAVEMENT.
 3. CONTRAST MARKINGS FOR SKIP STRIPING SHALL BE AS SHOWN IN DETAIL T-IIA.

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
CONSTRUCTION DETAILS PAVEMENT MARKING PLACEMENT NON-LIMITED ACCESS ROADWAY	
NO SCALE	JANUARY 2000
CDR BY	DESIGNED _____ DRAWN _____ TRACED _____ CHECKED _____
	NUMBER T-IIA

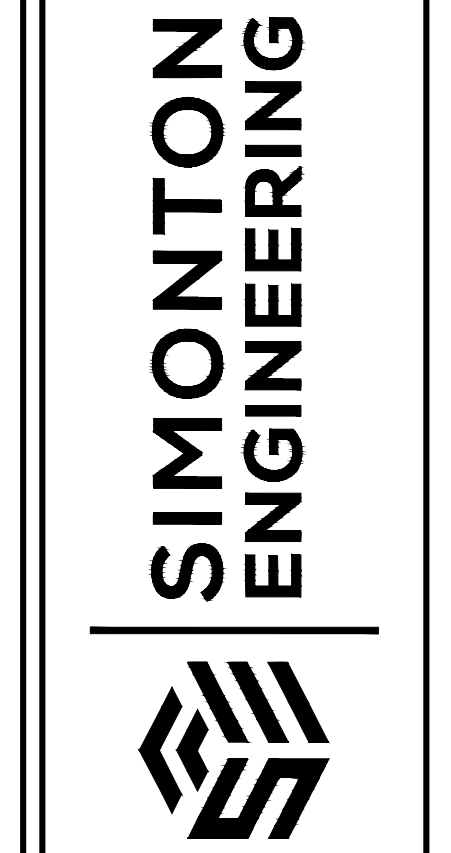
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912-244-7800
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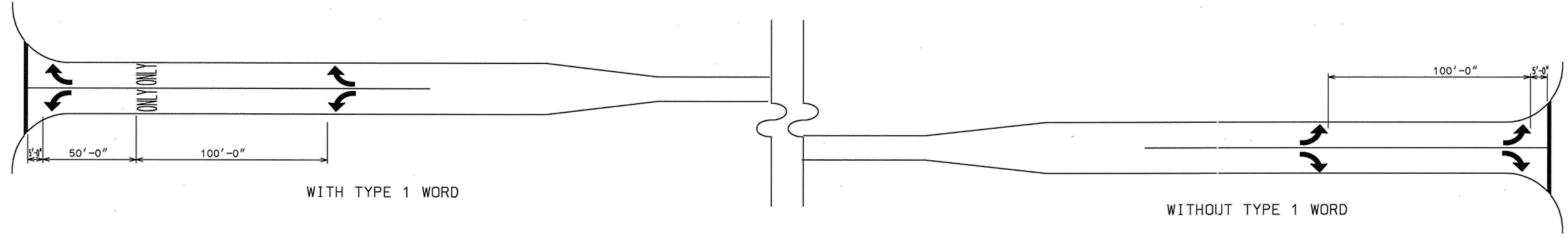
South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Details

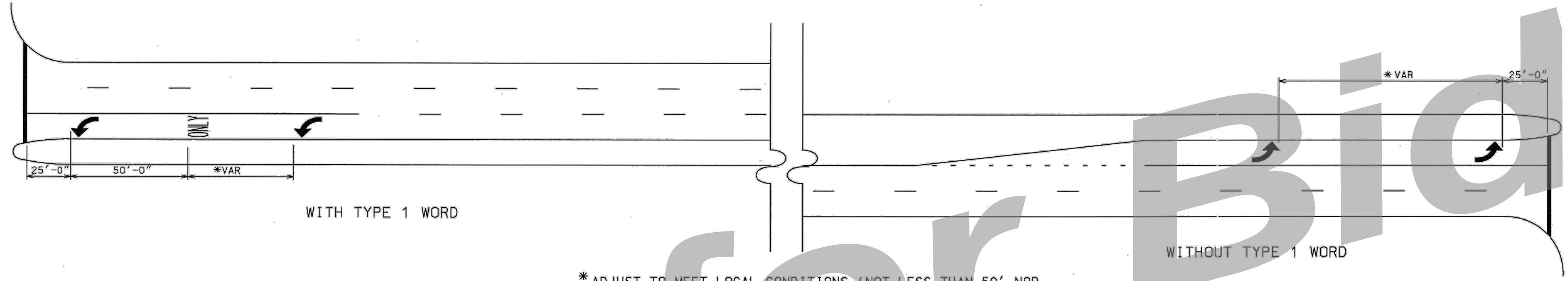
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: CB. 4

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

EXIT RAMP

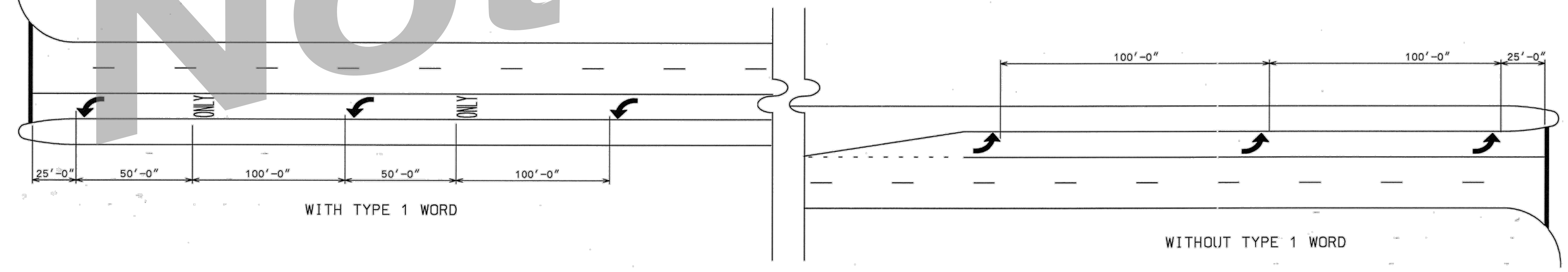


SHORT TURN LANES



* ADJUST TO MEET LOCAL CONDITIONS (NOT LESS THAN 50' NOR MORE THAN 100')

LONG TURN LANES



GENERAL NOTES:

1. SPACING OF TYPE 2 ARROW IS REPRESENTATIVE OF SPACING FOR TYPE 1, TYPE 3, TYPE 4, & TYPE 5 ARROWS.
2. ALL TURNING LANES SHALL HAVE A MINIMUM OF 2 ARROWS.
3. GROUND MOUNTED OR OVERHEAD SIGNING SHALL BE SUPPLEMENTED BY TYPE 1 WORD.

DATE	REVISIONS	GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE OF TRAFFIC SAFETY & DESIGN
		DETAILS OF PAVEMENT MARKING ARROW LOCATION
		NO SCALE JANUARY 2000

PC8078

T-12A

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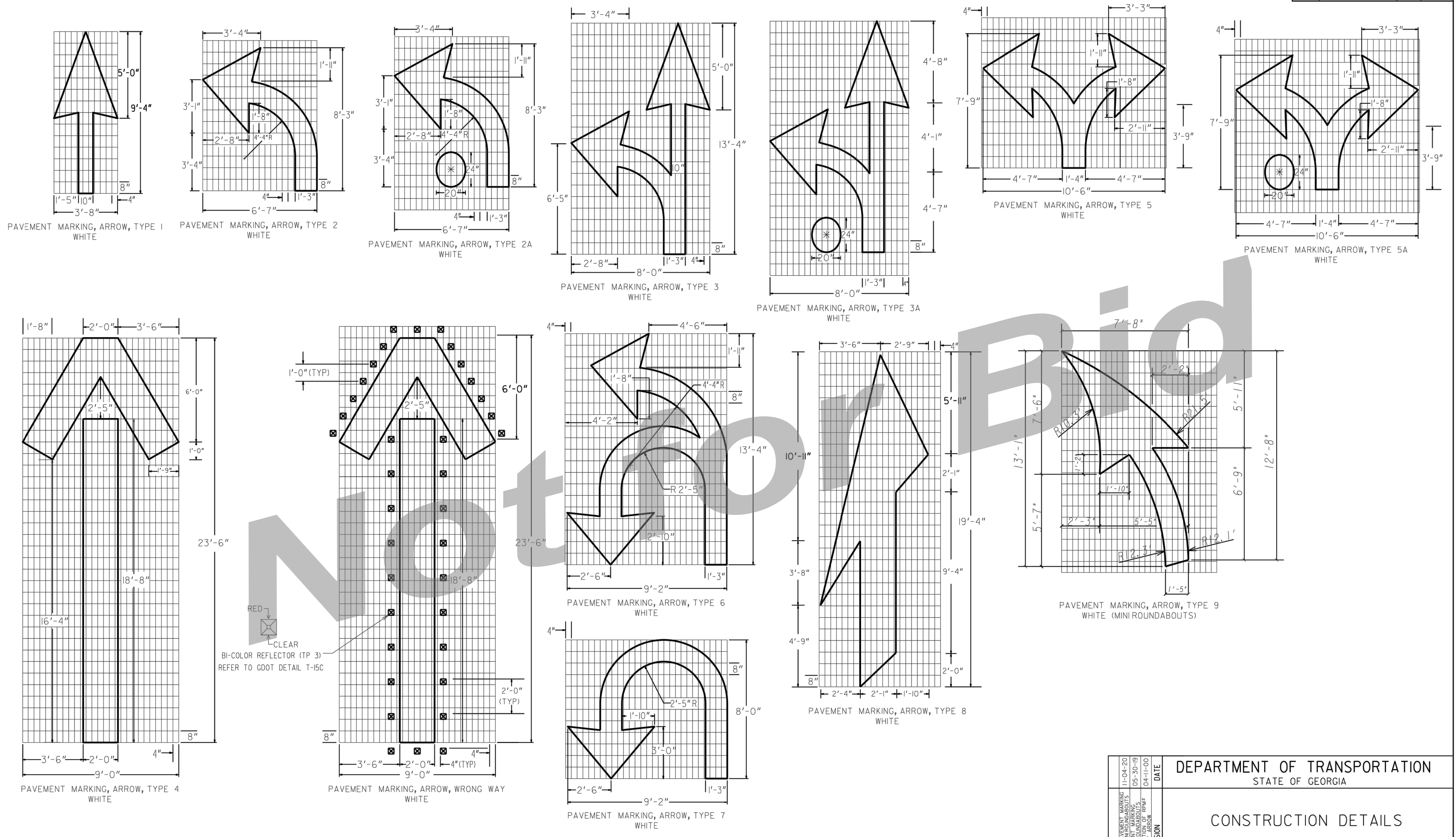
Level II Certification No. 935
 Expiration Date: 10-01-23
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South Main Street Widening
 for
 The City of Hinesville
 Liberty County, Georgia

Details
 DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: CB.5

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



NOTES
 1. PAVEMENT MARKING ARROWS WITH A DOT (2A, 3A, 5A) SHALL BE USED ALONG MULTI-LANE ROUNDABOUT APPROACHES ALONG THE INSIDE LANE ONLY

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
CONSTRUCTION DETAILS PAVEMENT MARKINGS - ARROWS	
NO SCALE	APRIL 2000
DESIGNED _____ DRAWN _____ TRACED _____ CHECKED _____	NUMBER T-12B

DRAWING COMPLETED BY: _____
 REVISED: _____

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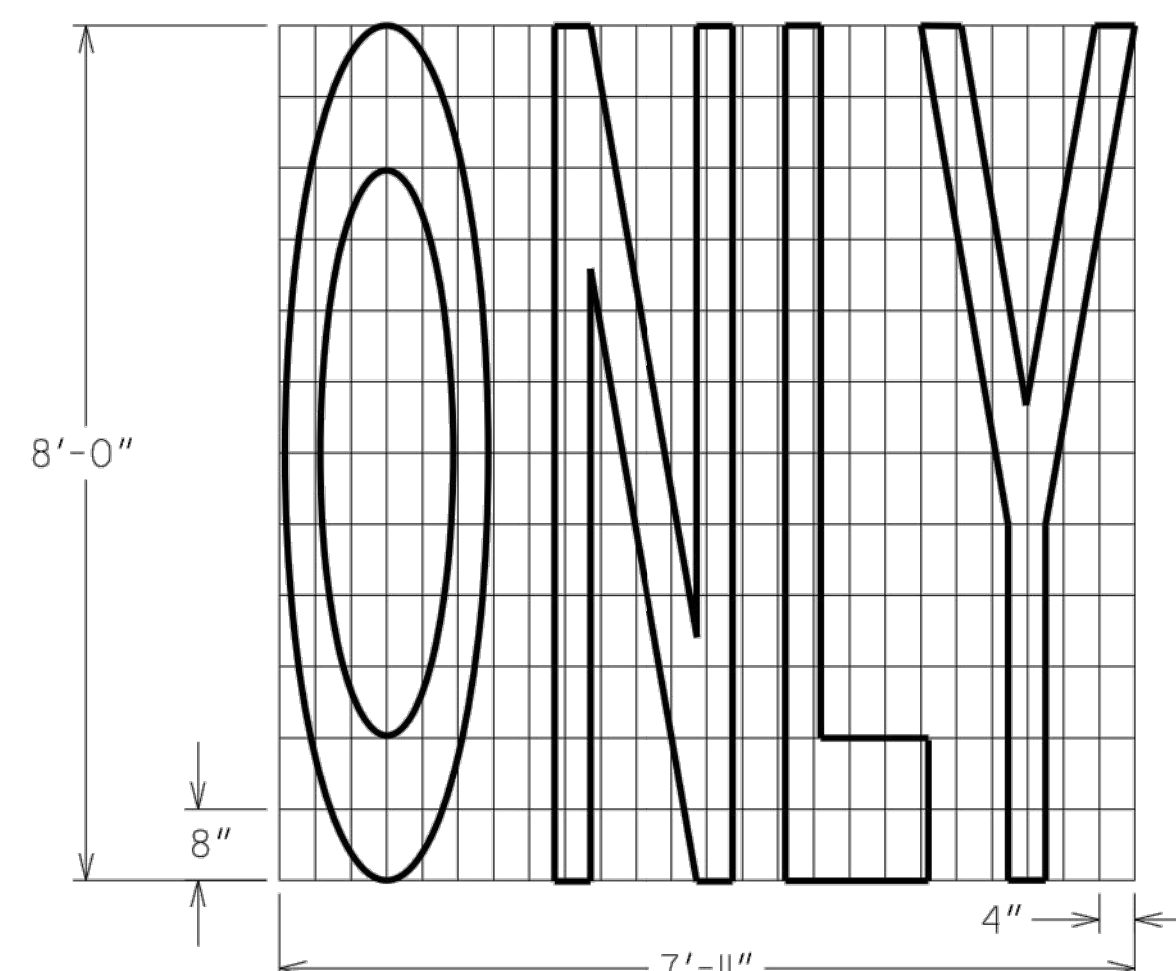
South Main Street Widening
 for
 The City of Hinesville
 Liberty County, Georgia

Details
 DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: CS.6

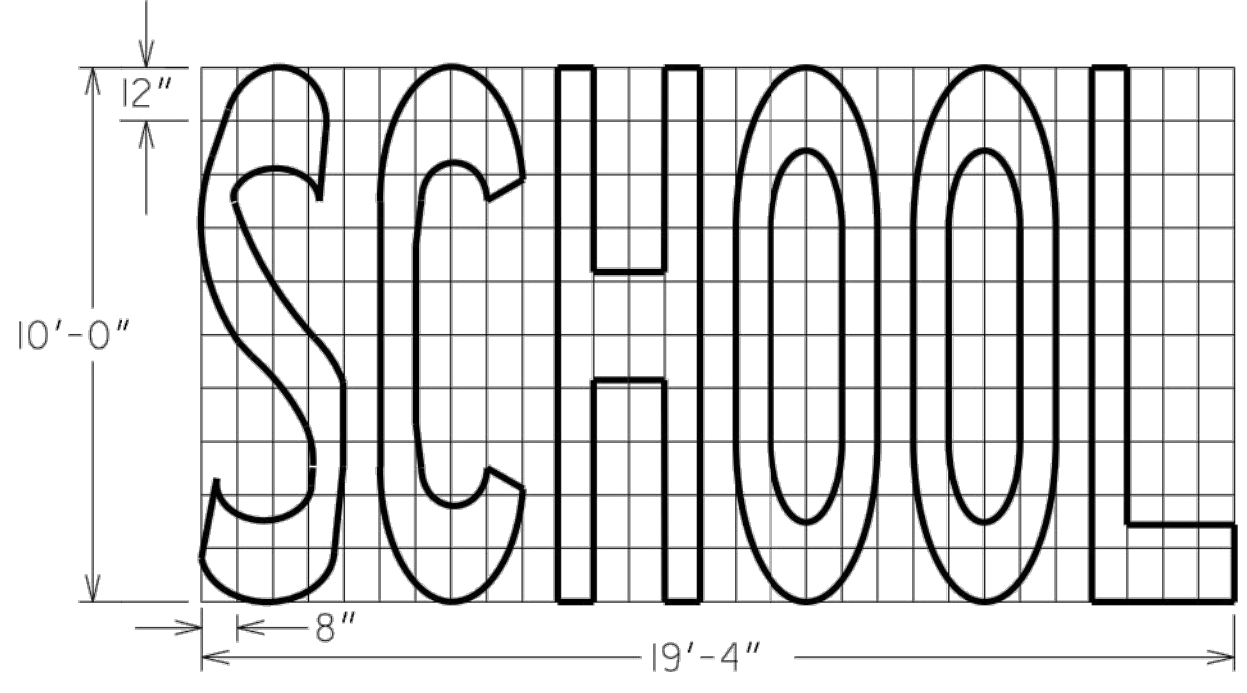
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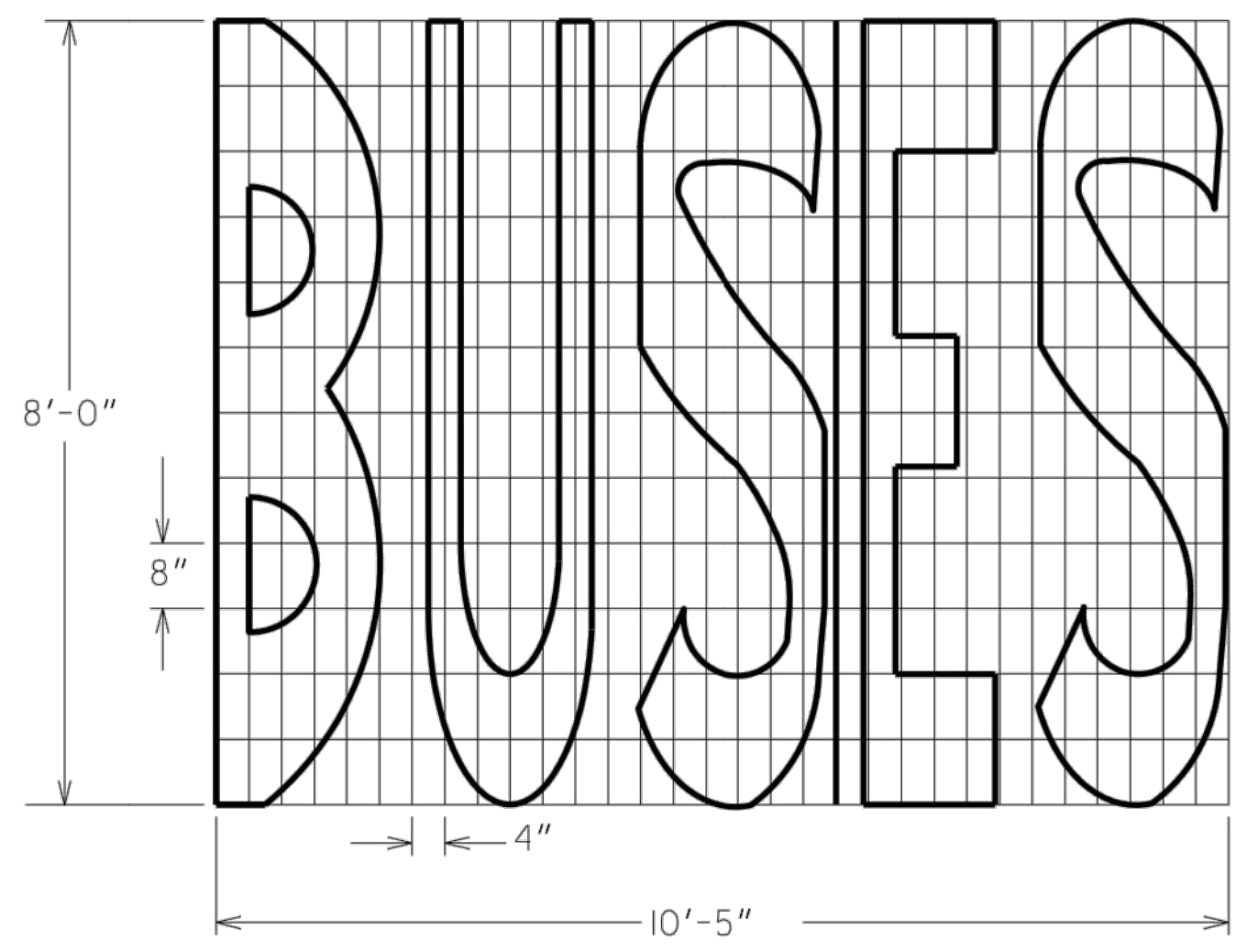
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



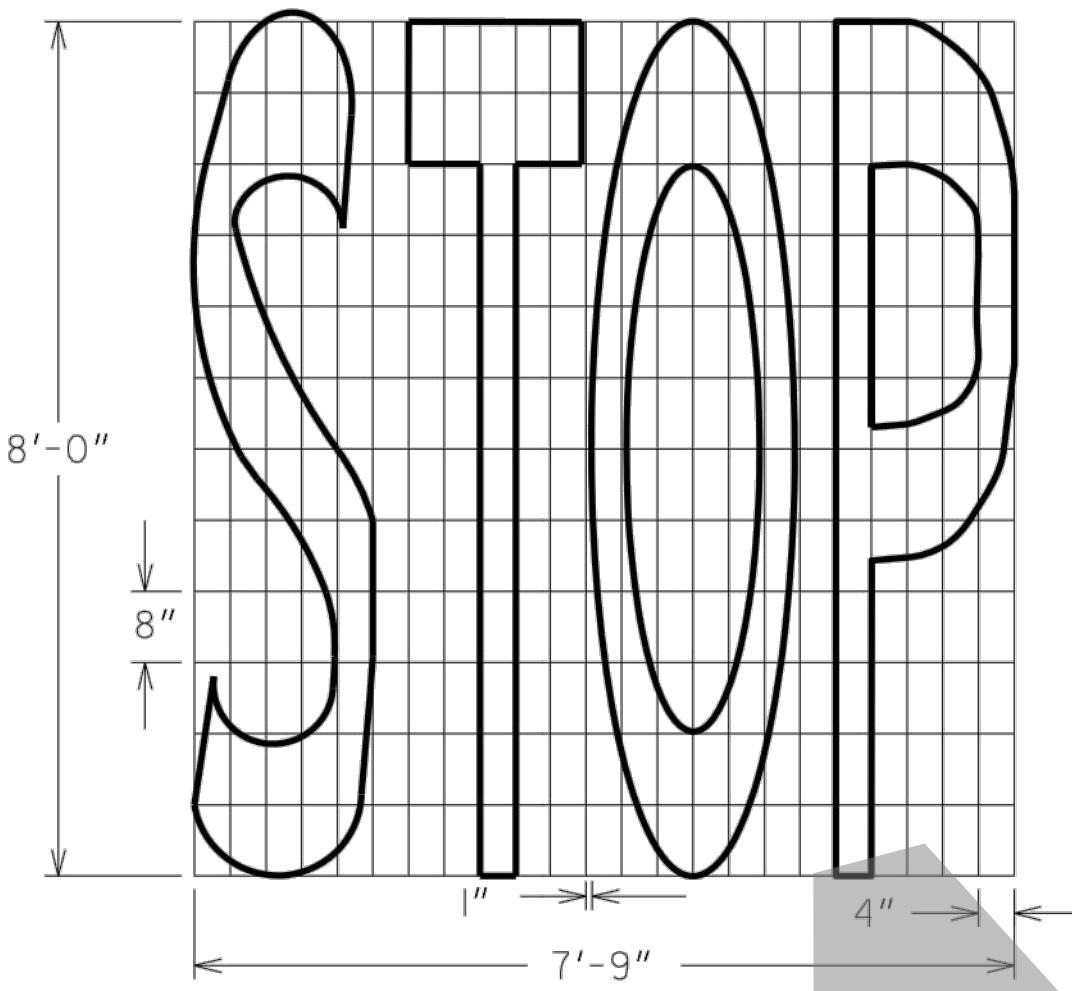
TYPE 1



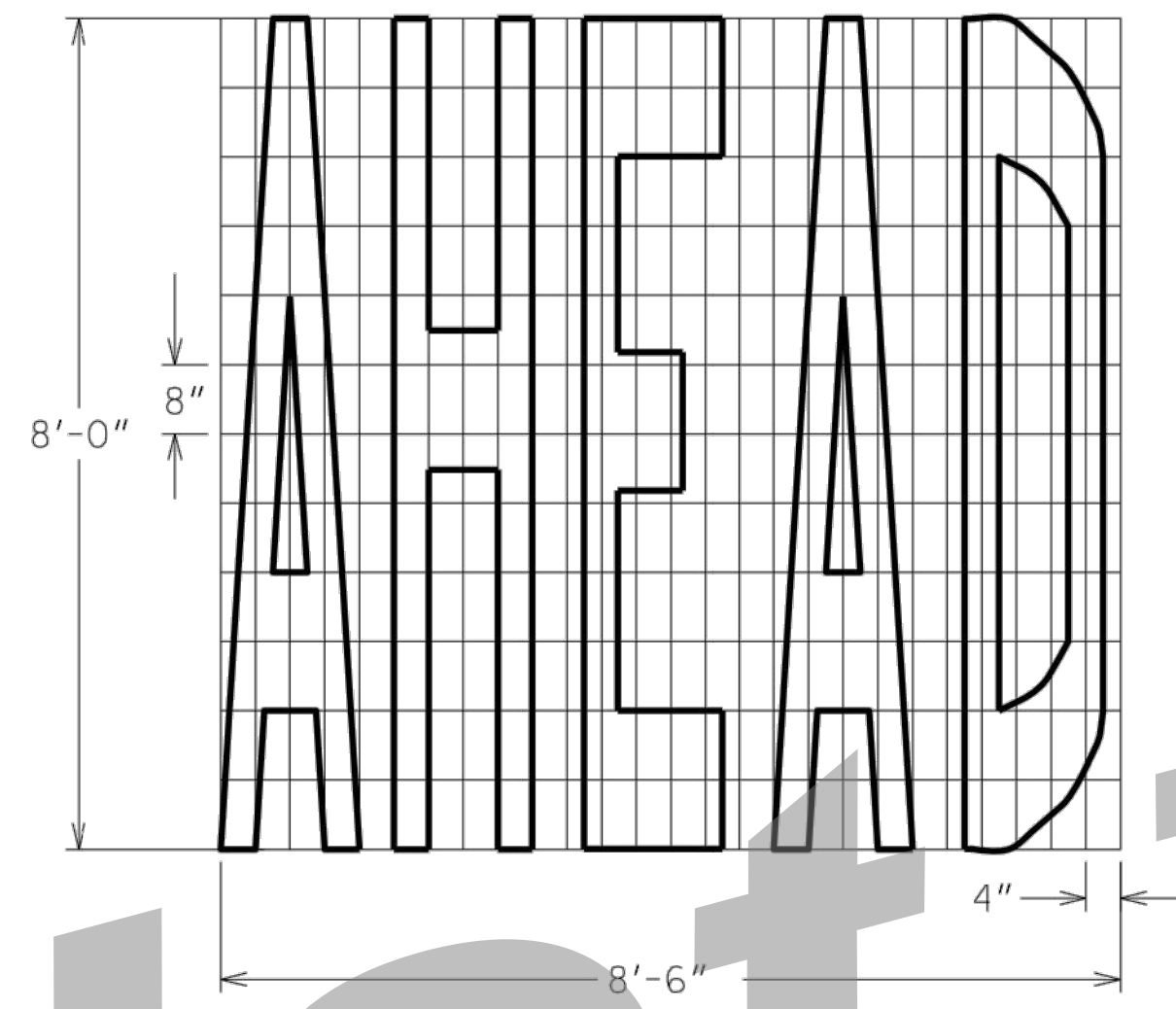
TYPE 3B
(TWO LANES)



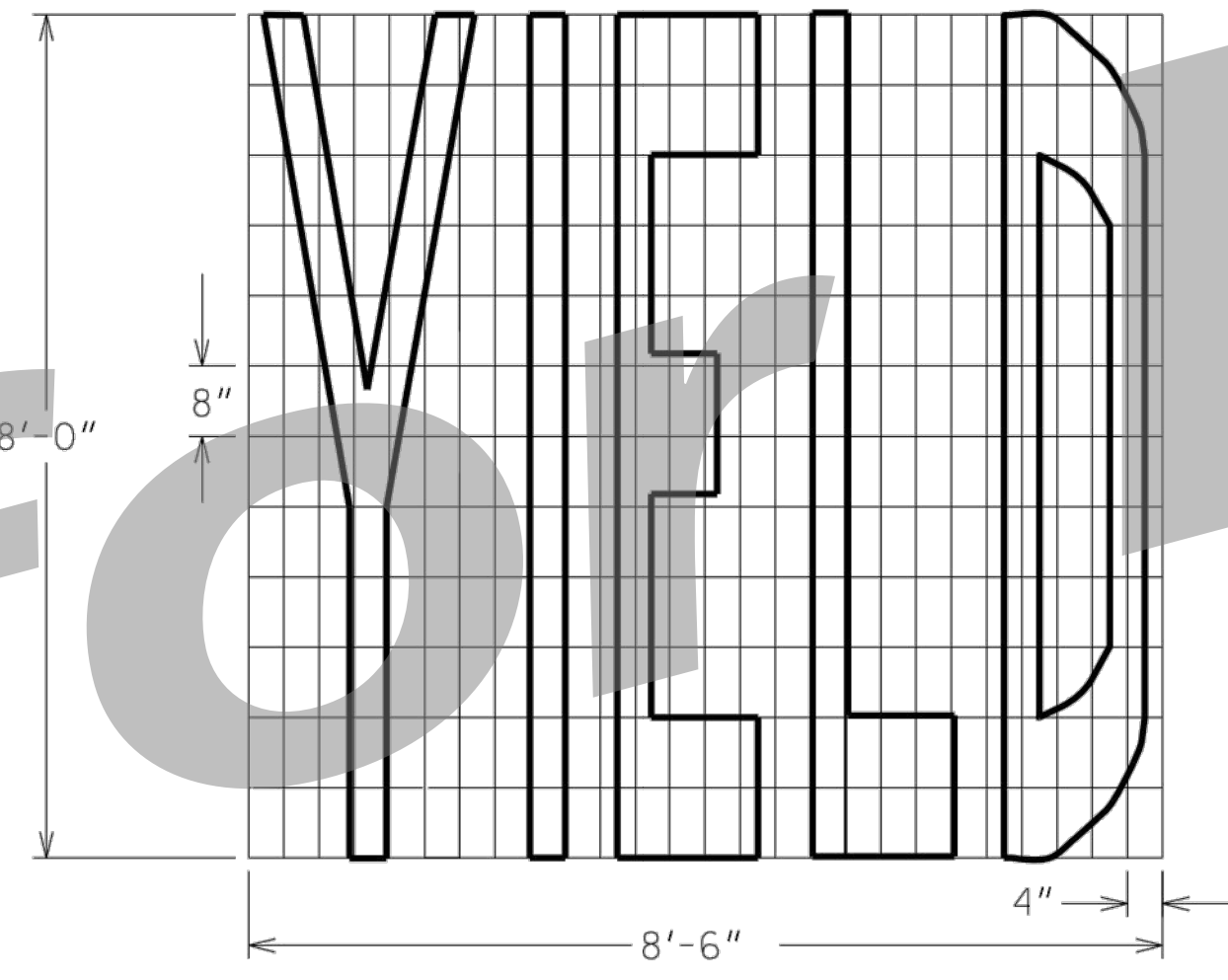
TYPE 6



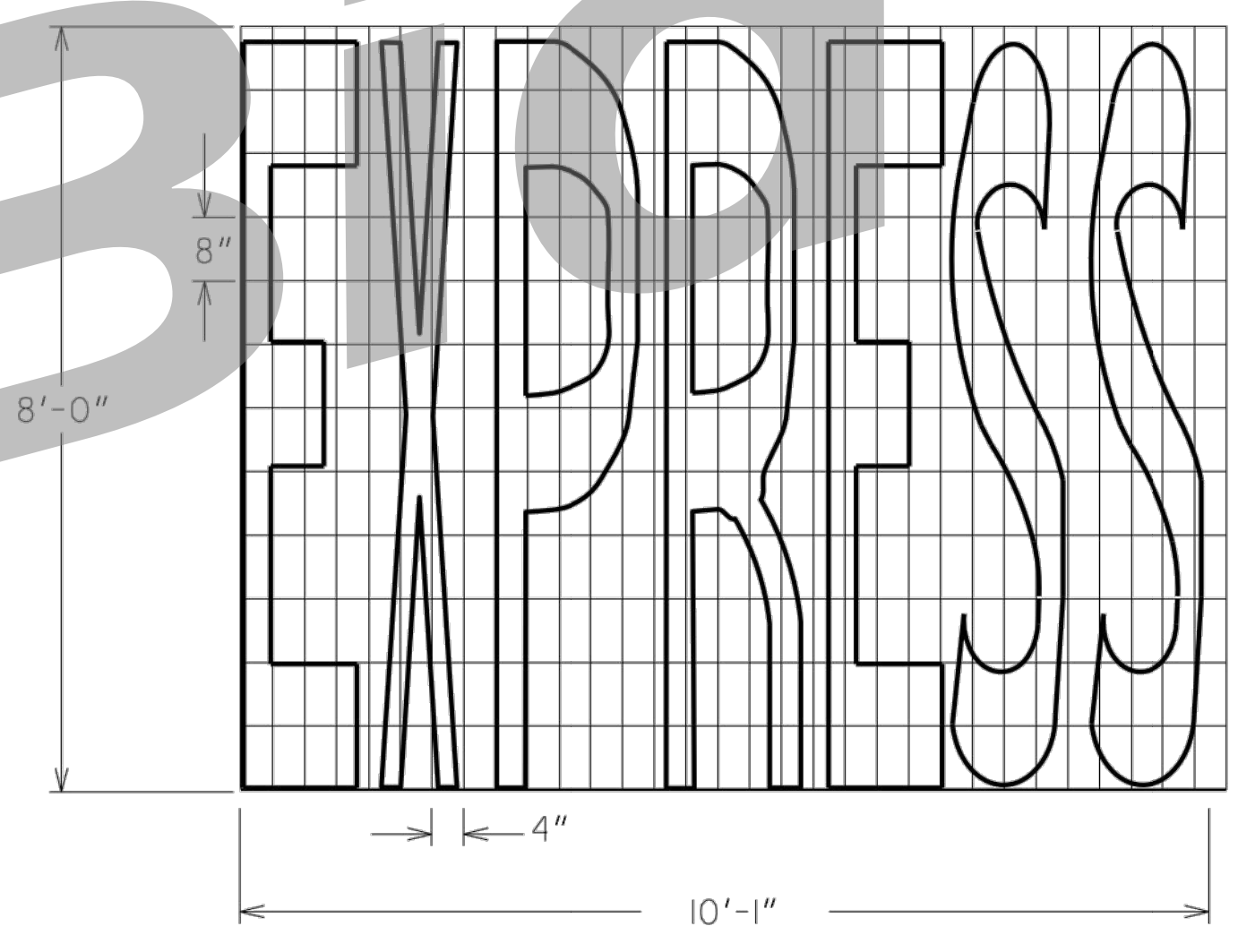
TYPE 2



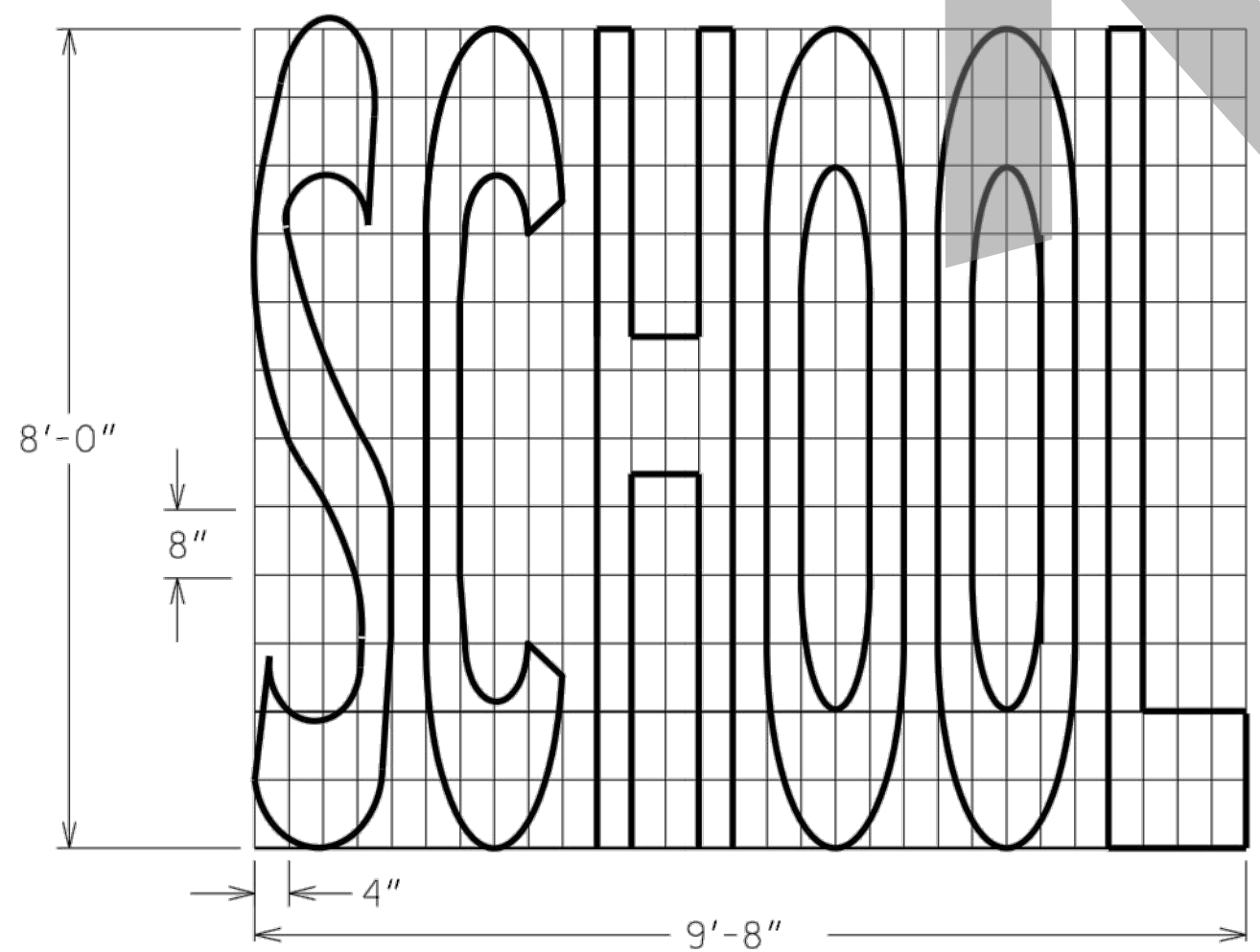
TYPE 4



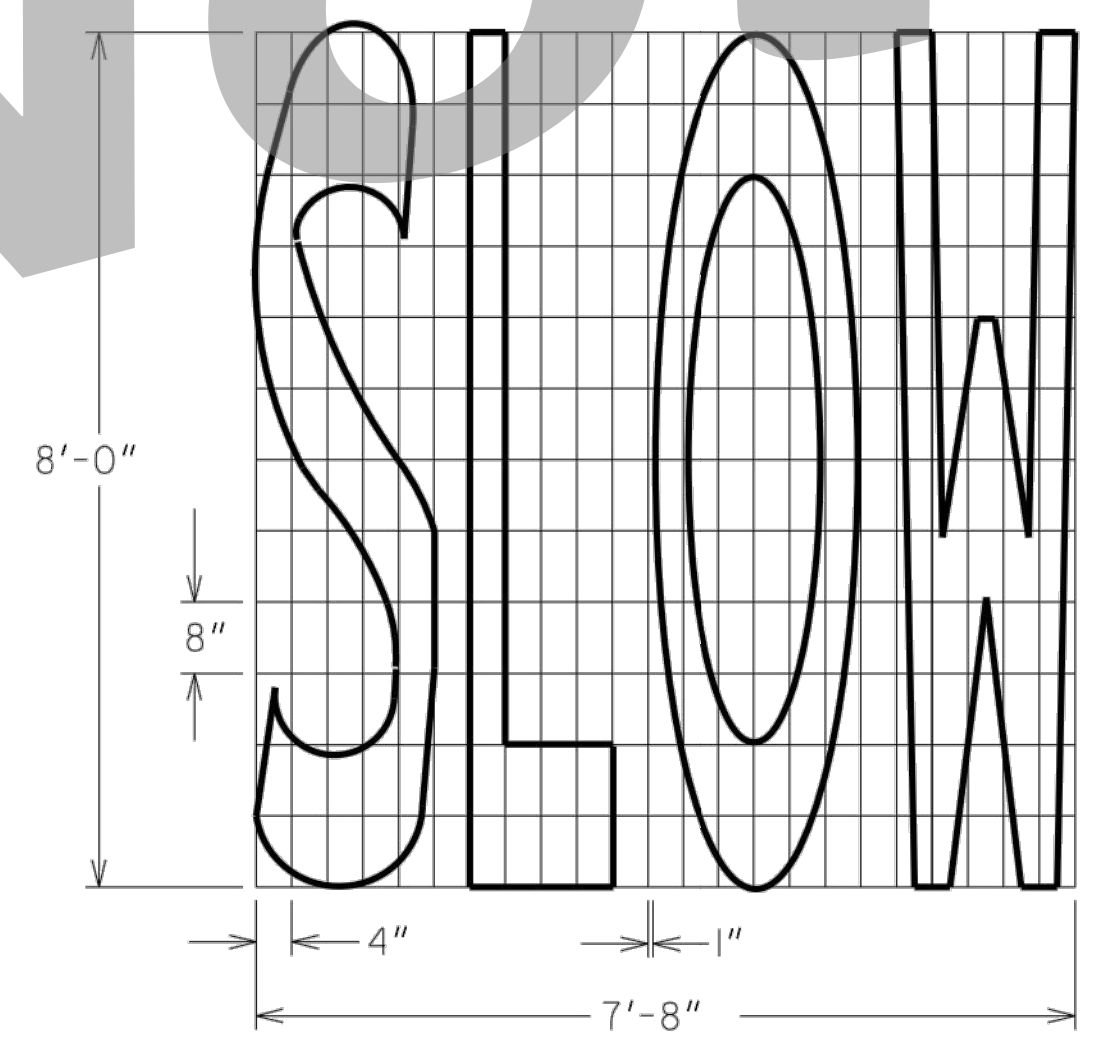
TYPE 15



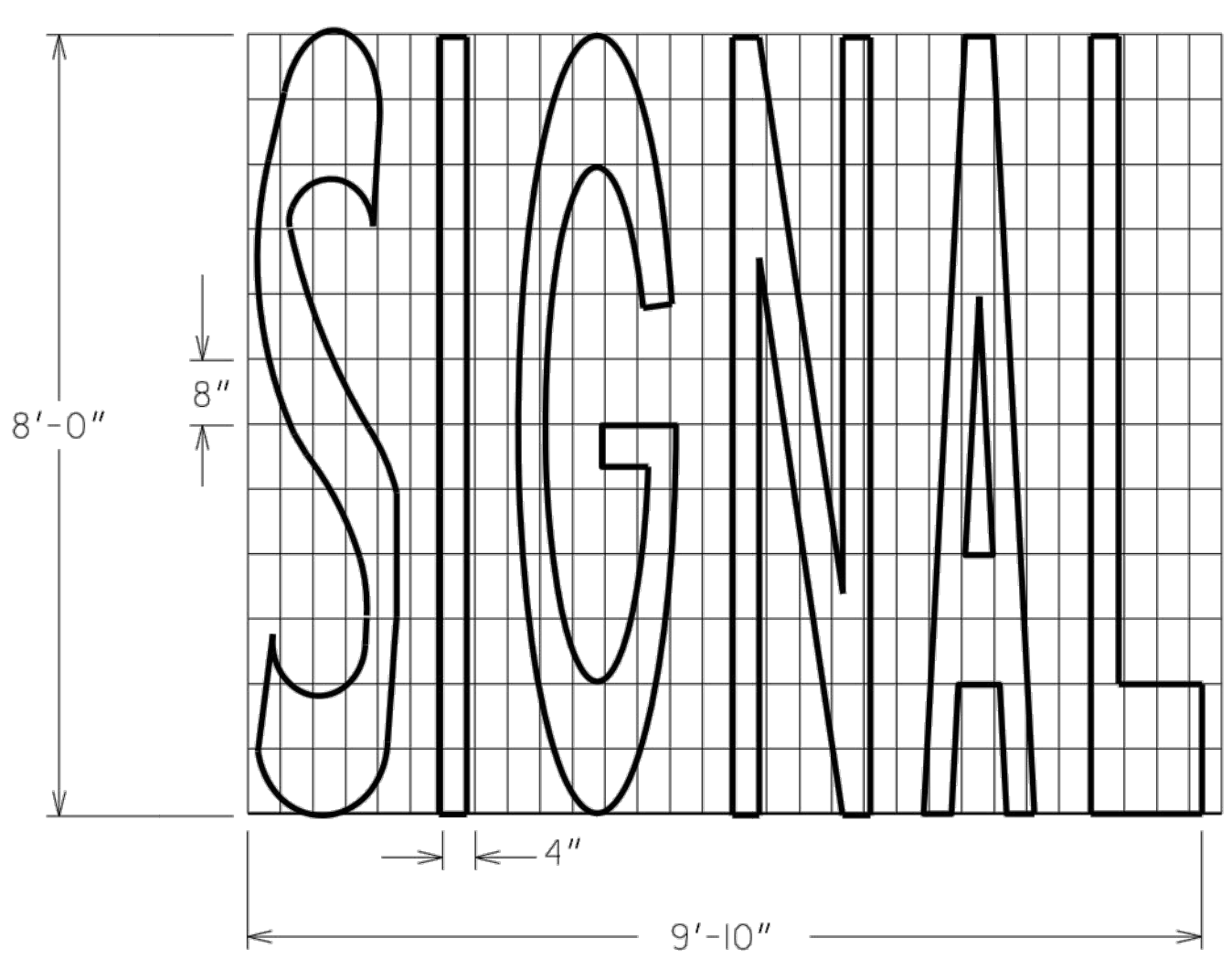
TYPE 20



TYPE 3A (SINGLE LANE)



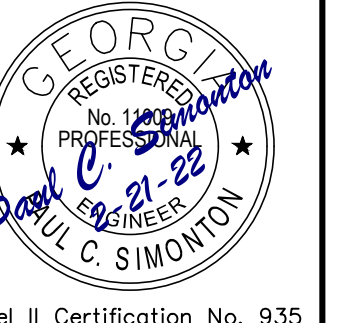
TYPE 5



TYPE 16

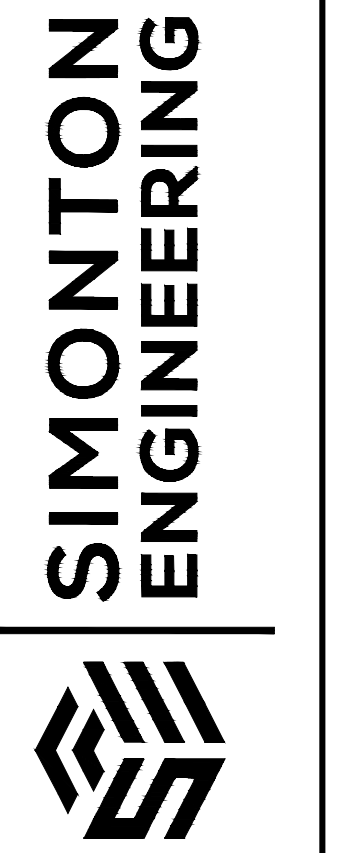
ADDED "EXPRESS" PAVEMENT MARKING PAVEMENT MARKING	11-04-20	DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
		REVISION	CONSTRUCTION DETAILS PAVEMENT MARKINGS WORDS SHEET 1 OF 2
NO SCALE	JAN. 2000		NUMBER
ACP	DESIGNED		T-13A
BY	DRAWN		
	TRACED		
	CHECKED		

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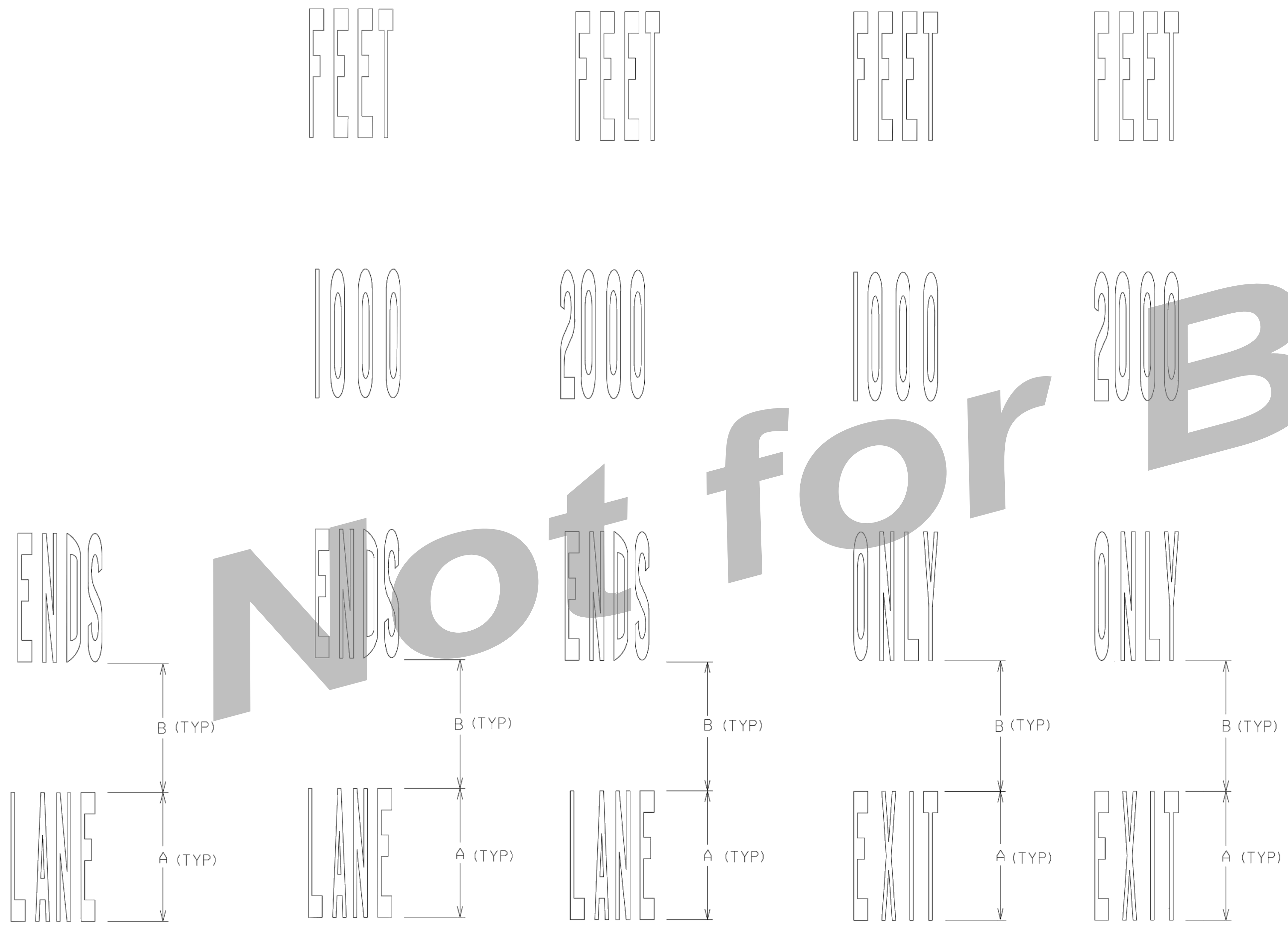
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South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Details
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: CB.7

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



TYPE 7

TYPE 10

TYPE 11

TYPE 12

TYPE 13

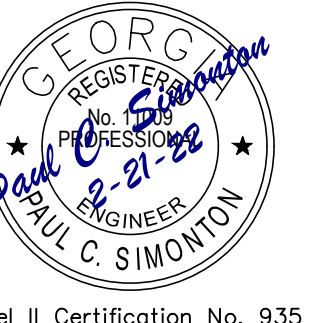
SPEED LIMIT	DISTANCE (FEET)	
	A	B
35	8	80
45	8	80
55+	12	120

NOTE:
REFER TO GDOT DETAIL T-13B, MUTCD
OR STANDARD HIGHWAY SIGNS GUIDE
FOR ADDITIONAL GUIDANCE

ACP	ADD TYPE 7 PWT MARKING	09-13-19	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA CONSTRUCTION DETAILS DETAILS OF PAVEMENT MARKING WORDS PLACEMENT NO SCALE SHEET 3 OF 3 JANUARY 2000 NUMBER T-13C
	REV TO DIMENSION TABLE	9-15-16	
CDR	REV TO EXIT ONLY 1000 FT		
	REV TO EXIT ONLY 2000 FT		
	REV DIST/SPEED LMT CHART		
	REV (AREA SF) WORD TOTAL		
	RENUMBER TO SH 3 OF 3		
BY	DESIGNED		
	DRAWN		
	TRACED		
	CHECKED		

DRAWING COMPLETED BY:

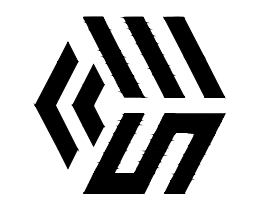
REVISED:



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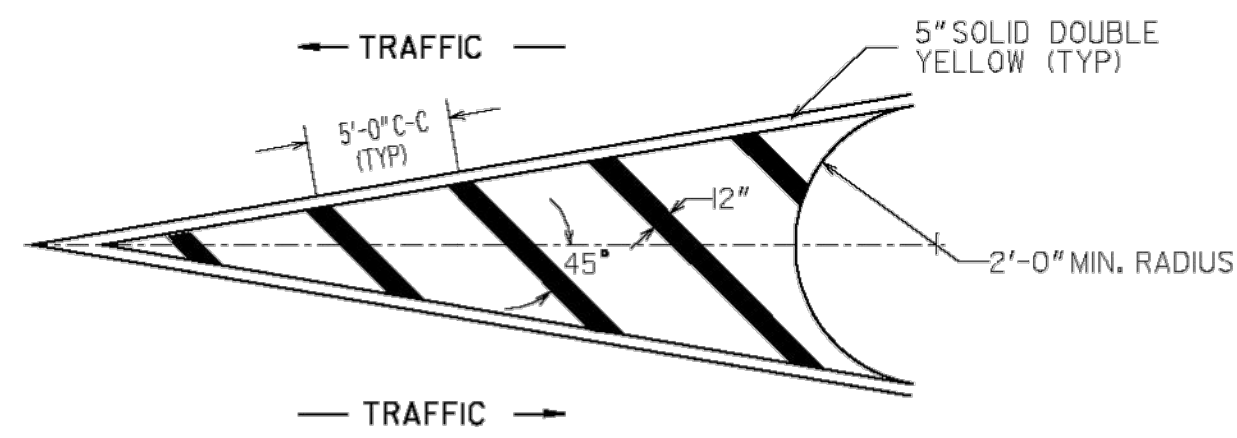
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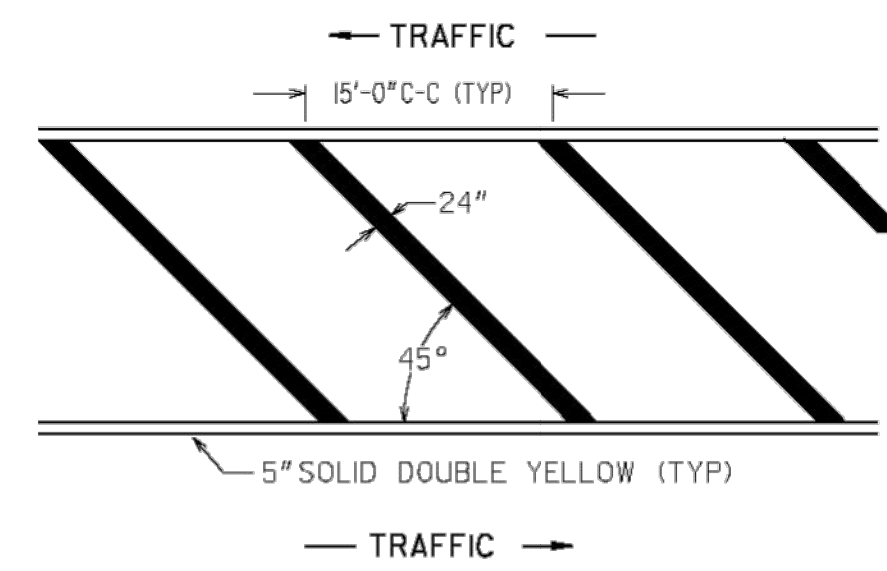
South Main Street Widening
for
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Liberty County, Georgia

Details
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: CB.8

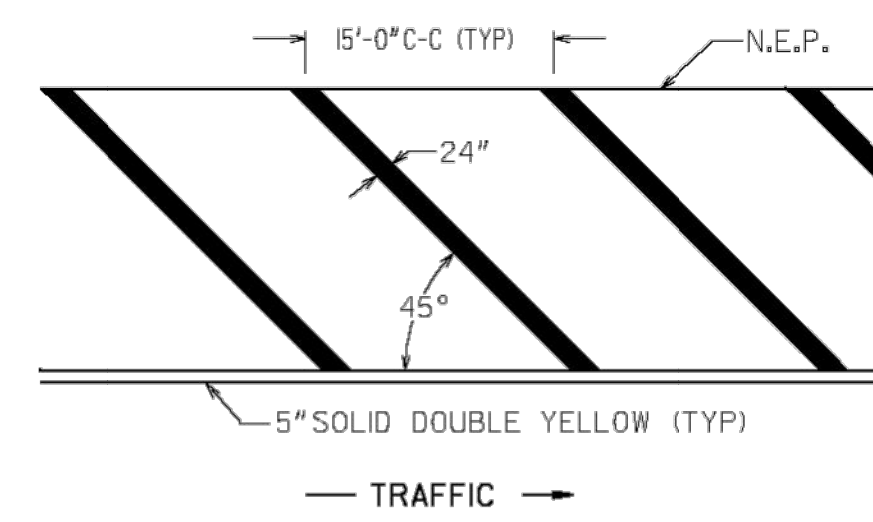
DETAIL "A" (YELLOW)



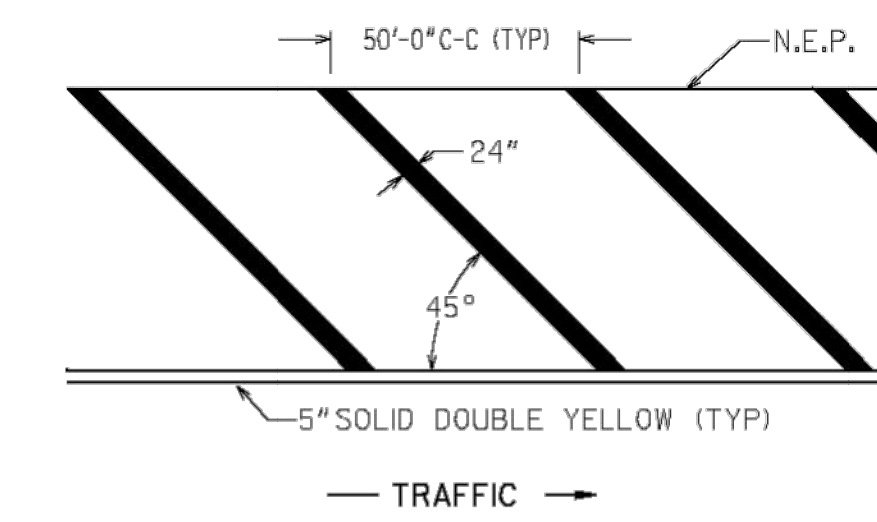
DETAIL "B" (YELLOW)



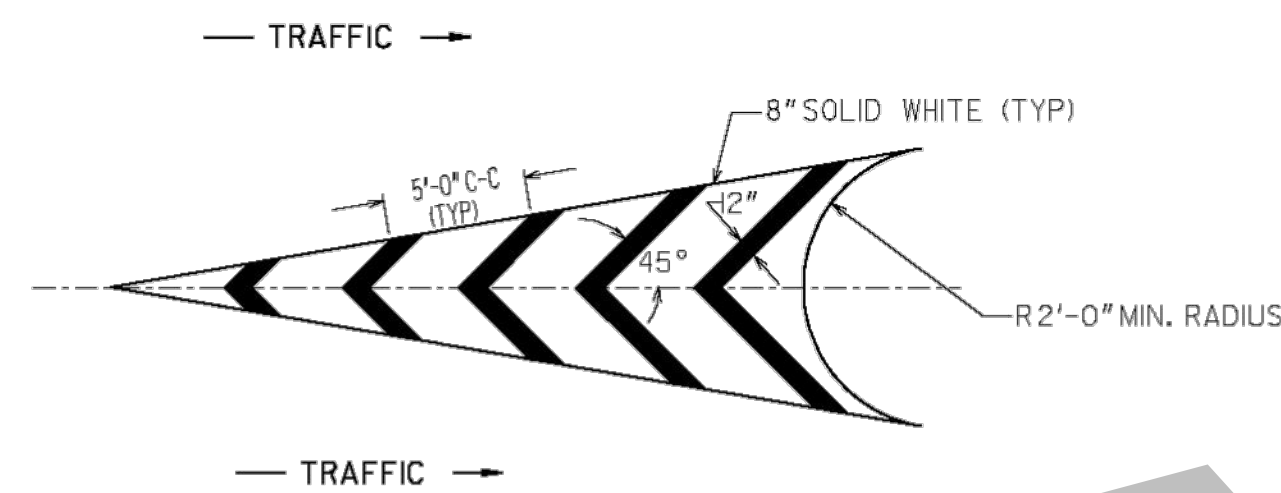
DETAIL "C" (YELLOW)



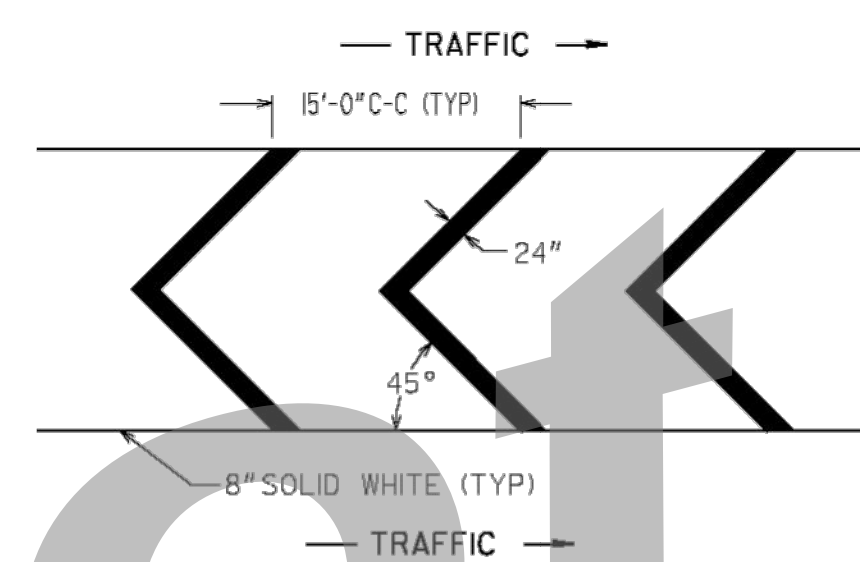
DETAIL "D" (YELLOW)



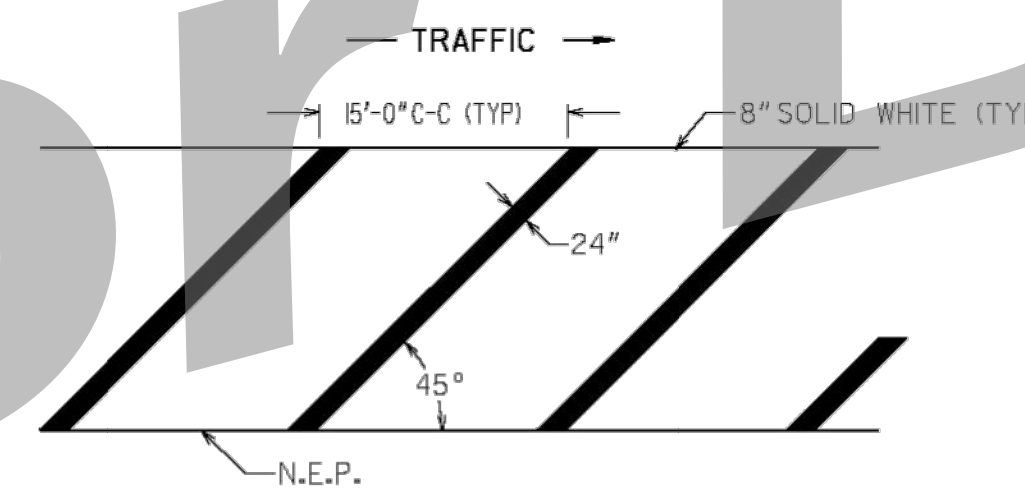
DETAIL "A" (WHITE)



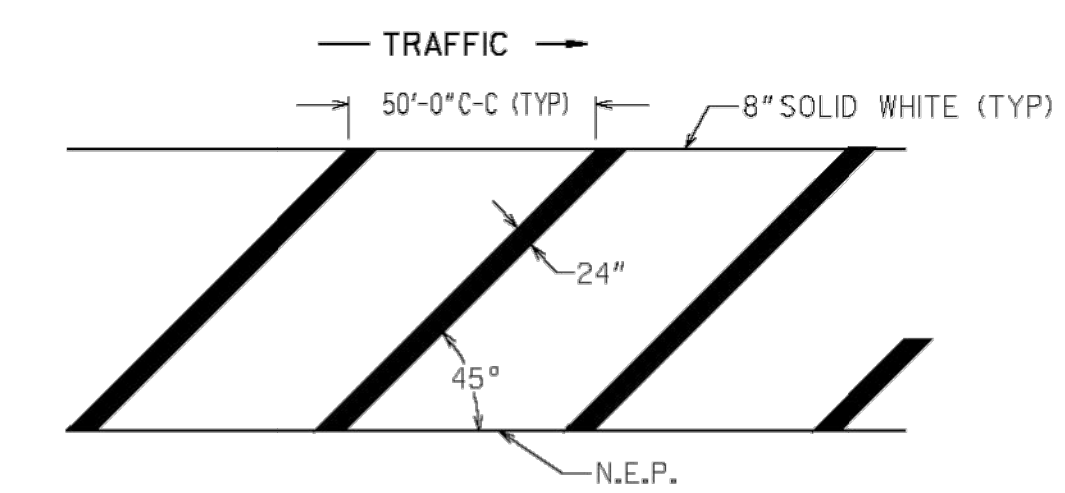
DETAIL "B" (WHITE)



DETAIL "C" (WHITE)



DETAIL "D" (WHITE)



GENERAL NOTES:

1. FOR YELLOW STRIPING, THE SQUARE YARDS SHOWN ON PLAN, SUMMARY AND DETAILED ESTIMATE SHEETS INCLUDE THE AREA WITHIN THE BORDERS AND THE 5" SOLID DOUBLE YELLOW BORDER.
2. FOR WHITE STRIPING, THE SQUARE YARDS SHOWN ON PLAN, SUMMARY AND DETAILED ESTIMATE SHEETS INCLUDES THE AREA WITHIN THE BORDERS AS WELL AS THE 8" SOLID WHITE BORDER.

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

- NO SCALE -

DATE	REVISIONS
6/25/04	Modified general note 1
1/18/05	CHANGED BORDER
11/21/08	Modified general note 1

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TRAFFIC OPERATIONS
SIGNING AND MARKING PLANS

DETAIL OF PAVEMENT MARKING
HATCHING

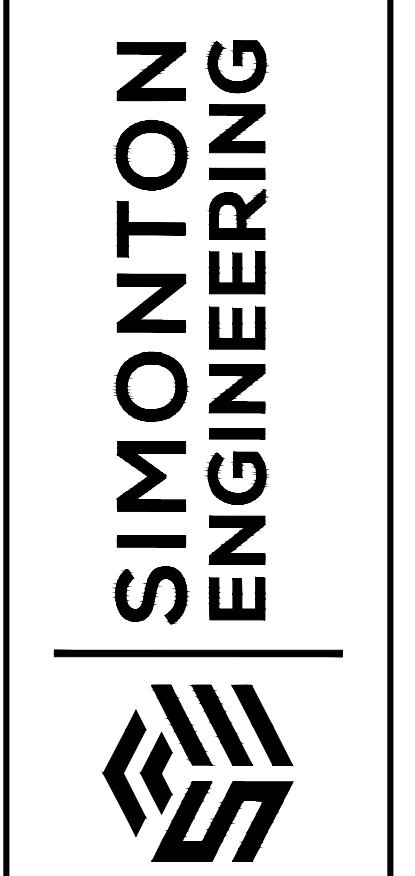
JANUARY 2000

NUMBER
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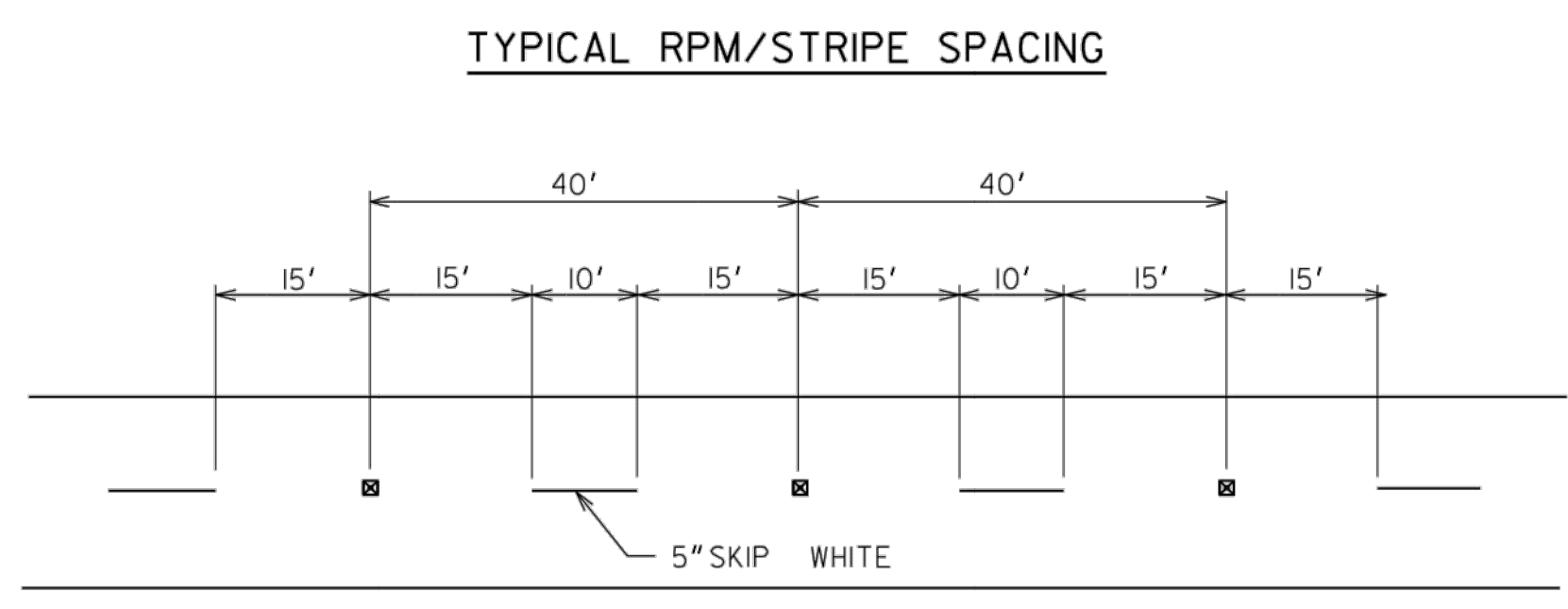
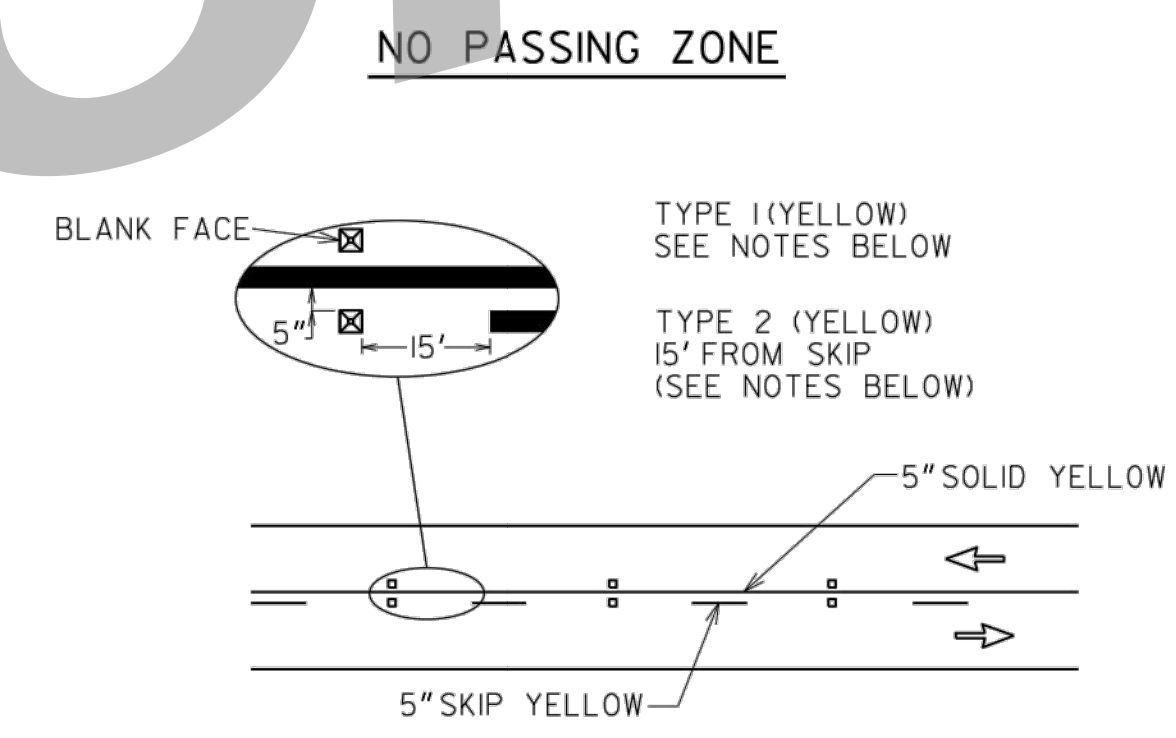
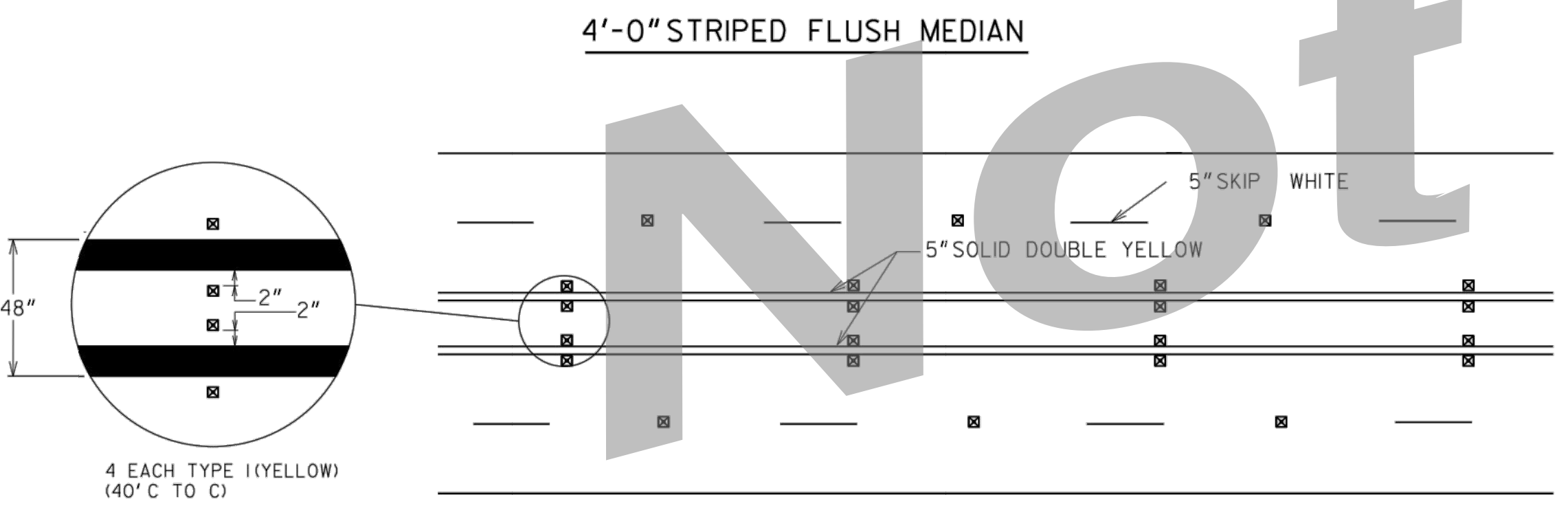
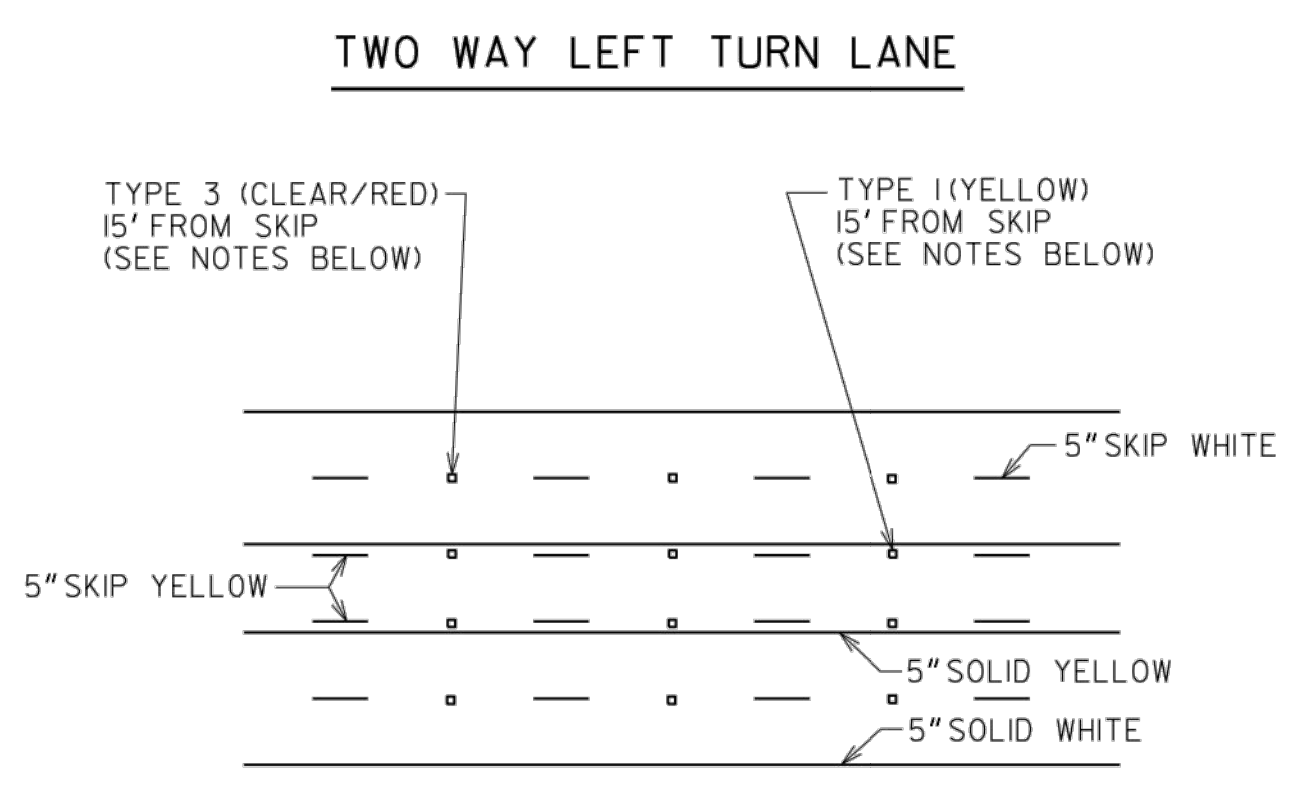
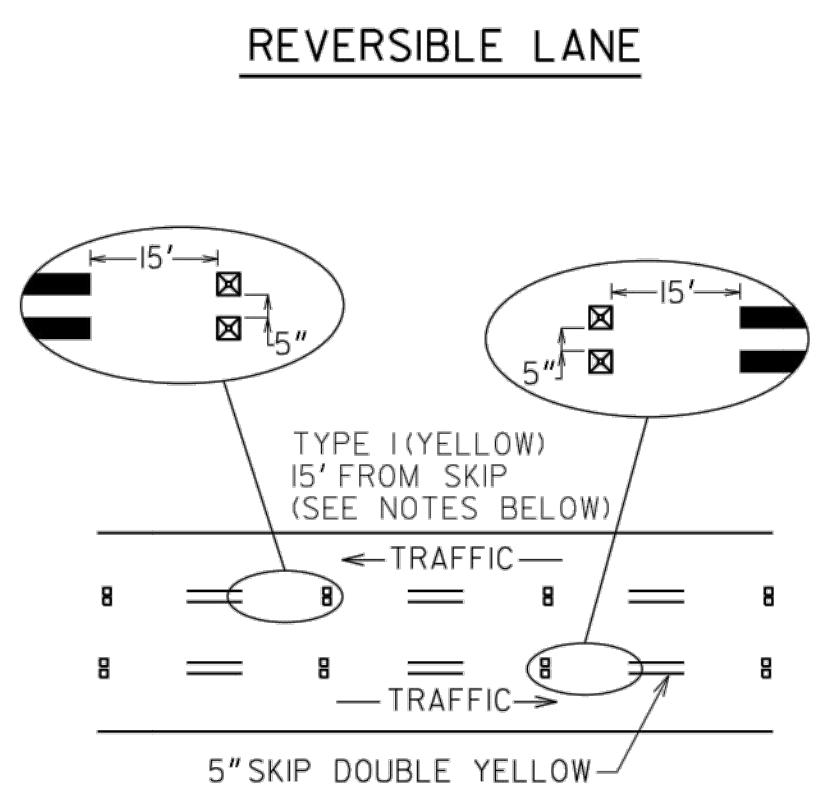
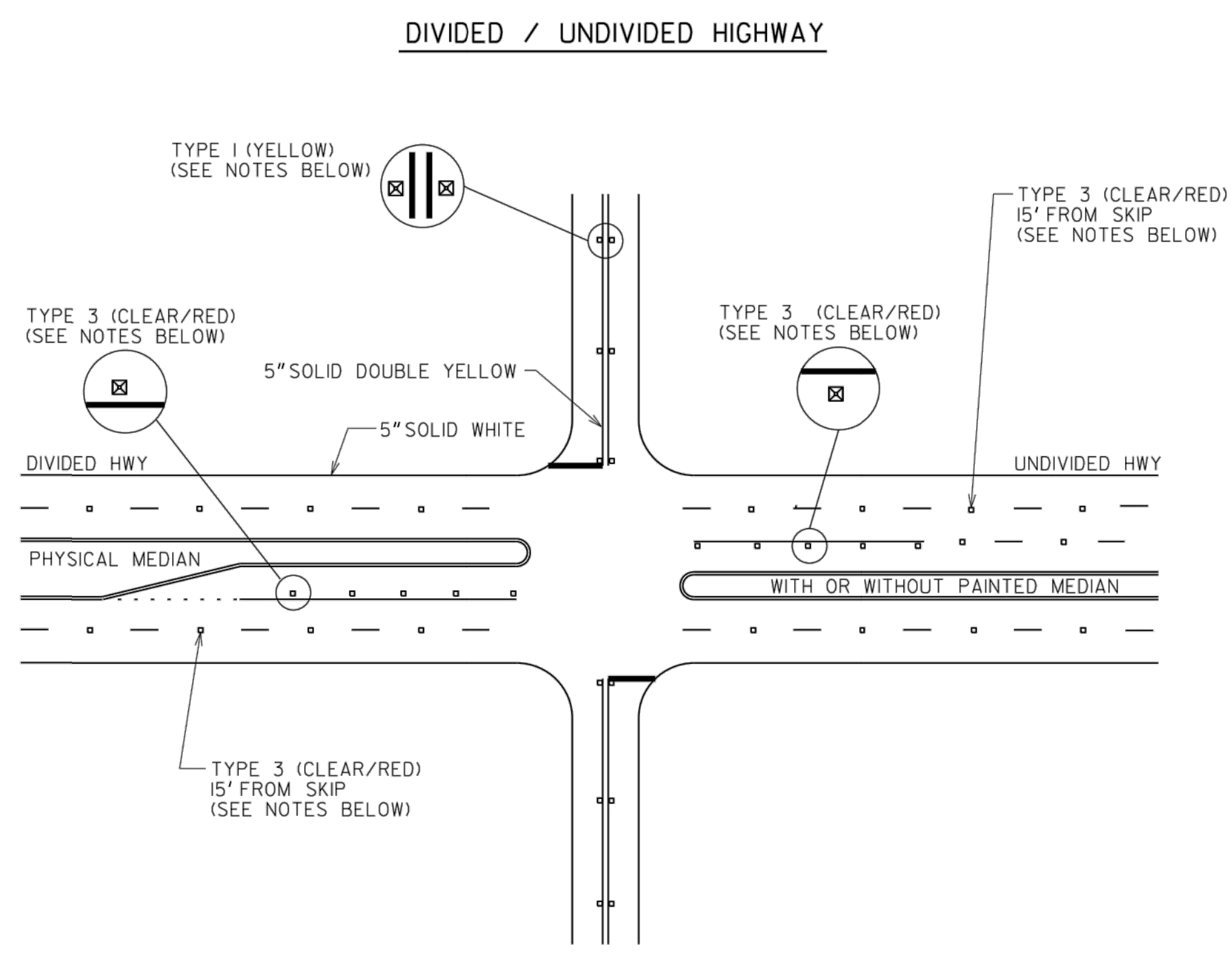
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South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Details
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: CS, 9

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



- GENERAL NOTES:
1. RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 40 FT UNLESS OTHERWISE SPECIFIED.
 2. ON SOLID WHITE TURN BAY LINES, SPACING SHALL BE 20 FT.
 3. RAISED PAVEMENT MARKERS SHALL BE OFFSET 5 INCHES FROM SOLID LANE LINES.
 4. CLEAR FACE OF TYPE 3 RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC.

REV. RPM SPACING TO 40'		9-15-2016		DATE		DEPARTMENT OF TRANSPORTATION	
COR						STATE OF GEORGIA	
BY						CONSTRUCTION DETAILS	
DESIGNED						RAISED PAVEMENT MARKER LOCATION	
DRAWN						NON-LIMITED ACCESS ROADWAY	
TRACED						NO SCALE	
CHECKED						REV. AND REDRAWN, JUNE 2015	
						NUMBER	
						T-15A	

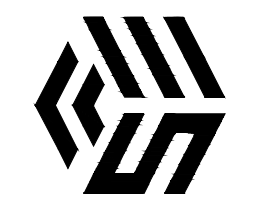
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 Expiration Date: 10-01-23

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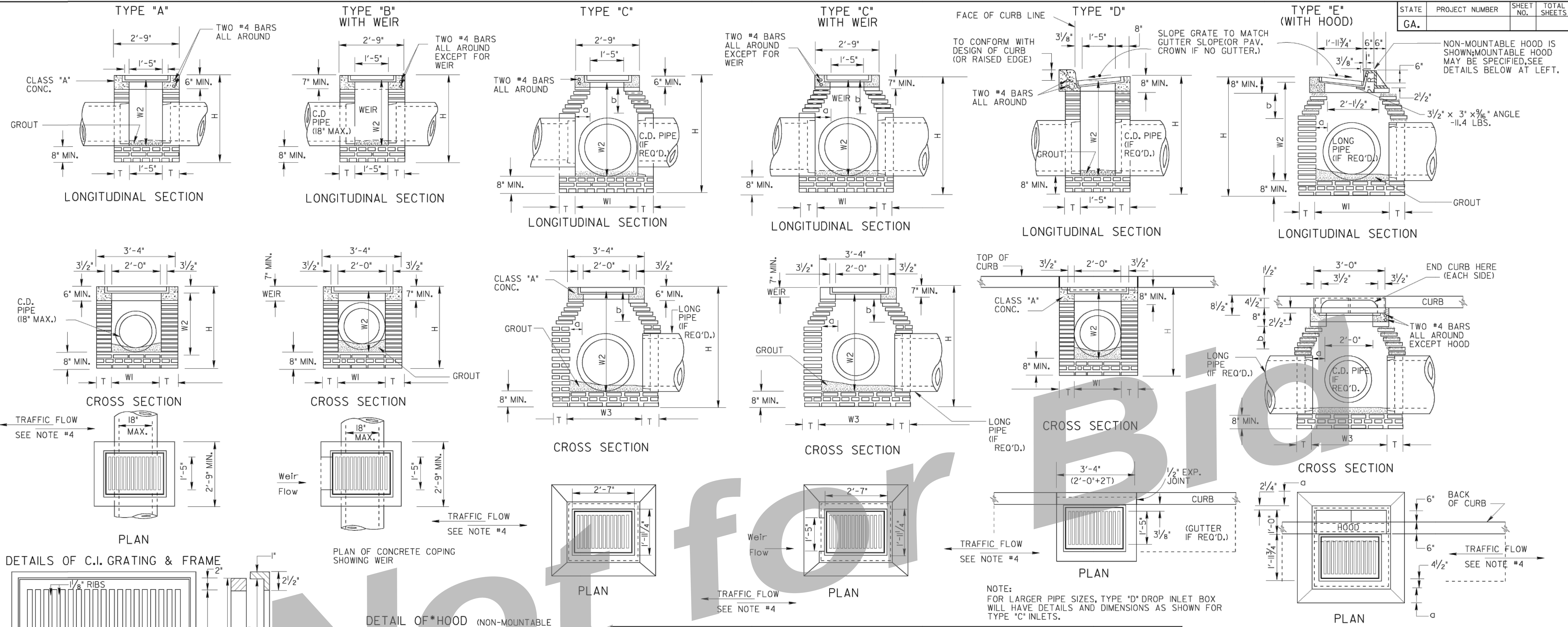
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South Main Street Widening
 for
 The City of Hinesville
 Liberty County, Georgia

Details
 DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: CB 10

Not for Bid



STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

NON-MOUNTABLE HOOD IS SHOWN; MOUNTABLE HOOD MAY BE SPECIFIED, SEE DETAILS BELOW AT LEFT.

SPECIAL NOTE:
STANDARD 1019A INLETS ARE FOR USE AT LOW POINTS & WHERE HYDRAULIC LOW CAPACITY GRATES ARE SUFFICIENT. WHERE HIGHER CAPACITY GRATES ARE NEEDED ON A CONTINUOUS GRADE, STANDARD 1019B IS RECOMMENDED.

- GENERAL NOTES:**
- SPECIFICATIONS: GEORGIA STANDARD AND CURRENT EDITION, AND SUPPLEMENTS THERETO.
 - 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE RIGID PAVEMENT, CONCRETE SIDEWALK OR CONCRETE GUTTER MEETS DROP INLETS.
 - ALIGNMENT, NUMBER AND SIZES OF PIPES SHOWN ARE ONLY TYPICAL, SEE PLANS FOR ACTUAL PIPE CULVERT REQUIREMENTS.
 - ALL TYPE DROP INLETS WILL BE CONSTRUCTED (AS SHOWN), SO THAT THE GRATE BARS ARE PERPENDICULAR TO THE FLOW OF TRAFFIC EXCEPT ON LIMITED ACCESS PROJECTS OR WHERE BICYCLES ARE PROHIBITED.
 - BRICK MASONRY WITH CLASS "A" CONC. TOP PORTION IS SHOWN AS STANDARD CONSTRUCTION WITH ALTERNATES PERMITTED AS SHOWN, BOTTOM SLAB MAY BE 8" MIN. NON-REINFORCED CONCRETE, 8" BRICK OR 6" MIN. REINFORCED CONCRETE, SEE APPLICABLE STANDARDS FOR ALTERNATE PRECAST CONSTRUCTION.

NOTE:
MINIMUM DIMENSIONS GIVEN IN TABLE BELOW ARE BASED UPON TYPICAL OUTSIDE DIAMETERS OF CONCRETE PIPES WITH NORMAL COVER AND CLEARANCES, THESE DIMENSIONS MAY BE MODIFIED IF SO DETAILED IN THE PLANS OR AS DIRECTED BY THE ENGINEER, DIMENSIONS GIVEN ARE MINIMUM EXCEPT FOR "a" WHICH IS MAXIMUM.

D	TYPES "A" or "B" BRICK OR REINF. CONC.			TYPE "C" OR "D" (BRICK)					TYPE "E" (BRICK)					TYPE "C", "D" OR "E" (REINFORCED CONCRETE)								
	W1	W2	H(min)	W1	W2	W3	a (MAX.)	b	H(min.)	W1	W2	W3	a (MAX.)	b	H(min.)	W1	W1 type "C"	W2 type "E"	W3	a (MAX.)	b	H(min.)
15"	2'-0"	2'-7"	3'-3/2"	2'-2/8"	2'-11"	2'-9/8"	0'-4 3/8"	0'-7 7/8"	3'-9/2"	3'-2/8"	3'-1"	3'-0 3/8"	0'-7 7/8"	1'-1/8"	3'-11/2"	2'-0"	2'-1"	2'-7"	2'-0"	3/2"	6"	3'-6"
18"	2'-0"	2'-10"	3'-7"	2'-2/8"	3'-2/2"	2'-9/8"	0'-4 3/8"	0'-7 7/8"	4'-1"	3'-2/8"	3'-4/2"	3'-0 3/8"	0'-7 7/8"	1'-1/8"	4'-1"	2'-0"	2'-1"	3'-0"	2'-0"	3/2"	6"	3'-11"
24"	~	~	~	2'-8/8"	3'-3/8"	3'-3/8"	0'-7 7/8"	1'-1/8"	4'-9"	3'-2/8"	3'-11/2"	3'-0 3/8"	0'-7 7/8"	1'-1/8"	4'-8/4"	2'-8"	2'-9"	3'-8"	2'-6"	6/2"	11/4"	4'-7"
30"	~	~	~	3'-7/4"	4'-0/4"	3'-10/6"	1'-0/8"	1'-9"	5'-10"	3'-5/2"	4'-8/8"	3'-4"	0'-8"	1'-1/8"	5'-6/8"	3'-4"	3'-6"	4'-9"	3'-0"	9/2"	16/2"	5'-10"
36"	~	~	~	4'-1/8"	6'-0/6"	4'-8/8"	1'-4/8"	2'-2/4"	6'-11/8"	3'-11/2"	5'-8/8"	3'-10"	0'-11"	1'-7/8"	6'-7/8"	3'-10"	4'-0"	5'-10"	3'-9"	1'-2"	2'-0"	6'-10"
42"	~	~	~	4'-5"	7'-13/4"	5'-0"	1'-6"	2'-7 3/8"	8'-0/4"	4'-6/2"	7'-5/8"	4'-5"	1'-2/2"	2'-13/8"	8'-4 3/8"	4'-5"	4'-6"	7'-0"	4'-3"	1'-5"	2'-5/2"	7'-11"
48"	~	~	~	5'-0"	8'-2 3/4"	5'-7"	1'-9/2"	3'-1/4"	9'-1/4"	5'-1/2"	8'-6/8"	5'-0"	1'-6"	2'-7 3/8"	9'-5 3/8"	5'-0"	5'-0"	8'-2"	5'-0"	1'-9/2"	3'-1/2"	9'-2"
54"	~	~	~	5'-7"	9'-4"	6'-2"	2'-1"	3'-7/2"	10'-2/2"	5'-8/2"	9'-13/4"	5'-7"	1'-9/2"	3'-1/4"	10'-6/4"	5'-6"	5'-6"	9'-2"	5'-6"	2'-0/2"	3'-6/2"	10'-0"
60"	~	~	~	6'-2"	1'-4 7/8"	6'-9"	2'-4/2"	4'-1 3/8"	11'-3/4"	6'-3/2"	10'-8 3/8"	6'-2"	2'-1"	3'-7 3/8"	1'-7 3/8"	6'-0"	6'-0"	10'-3"	6'-0"	2'-3/2"	4'-0"	11'-1"

* CONTRACTOR SHALL SPECIFY EITHER MOUNTABLE OR NON-MOUNTABLE TO FOUNDRY IF HOOD IS REQUIRED.

NOTE: CONCRETE WALLS WILL BE REINFORCED WITH #4 BARS 12" O.C. BOTH WAYS, BUT WHERE H IS OVER 9 FT., AND PIPE IS OVER 30" I.D., THE HORIZONTAL STEEL, WHICH IS MORE THAN 9 FT. DEEP WILL BE INCREASED TO 6" SPACINGS. 6" CONC. BOTTOM SLABS WILL BE REINFORCED WITH #4 BARS 12" O.C. BOTH WAYS.

NOTE: FOR PRECAST ALTERNATES, SEE STD. 1019-A PRECAST AND/OR STD. 1040 PRECAST AND BUILT-IN-PLACE COMPONENTS MAY BE USED IN COMBINATIONS WHICH PROVIDE PROPER FITS AND STRUCTURAL ADEQUACY.

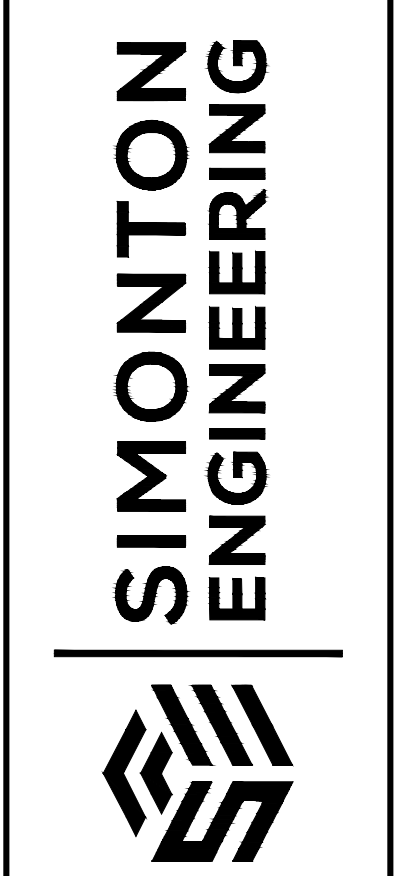
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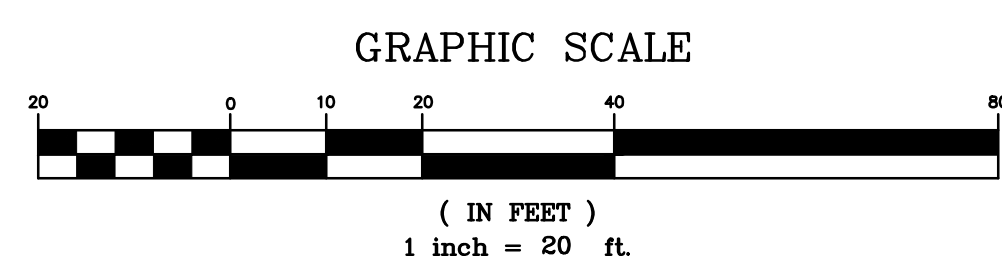
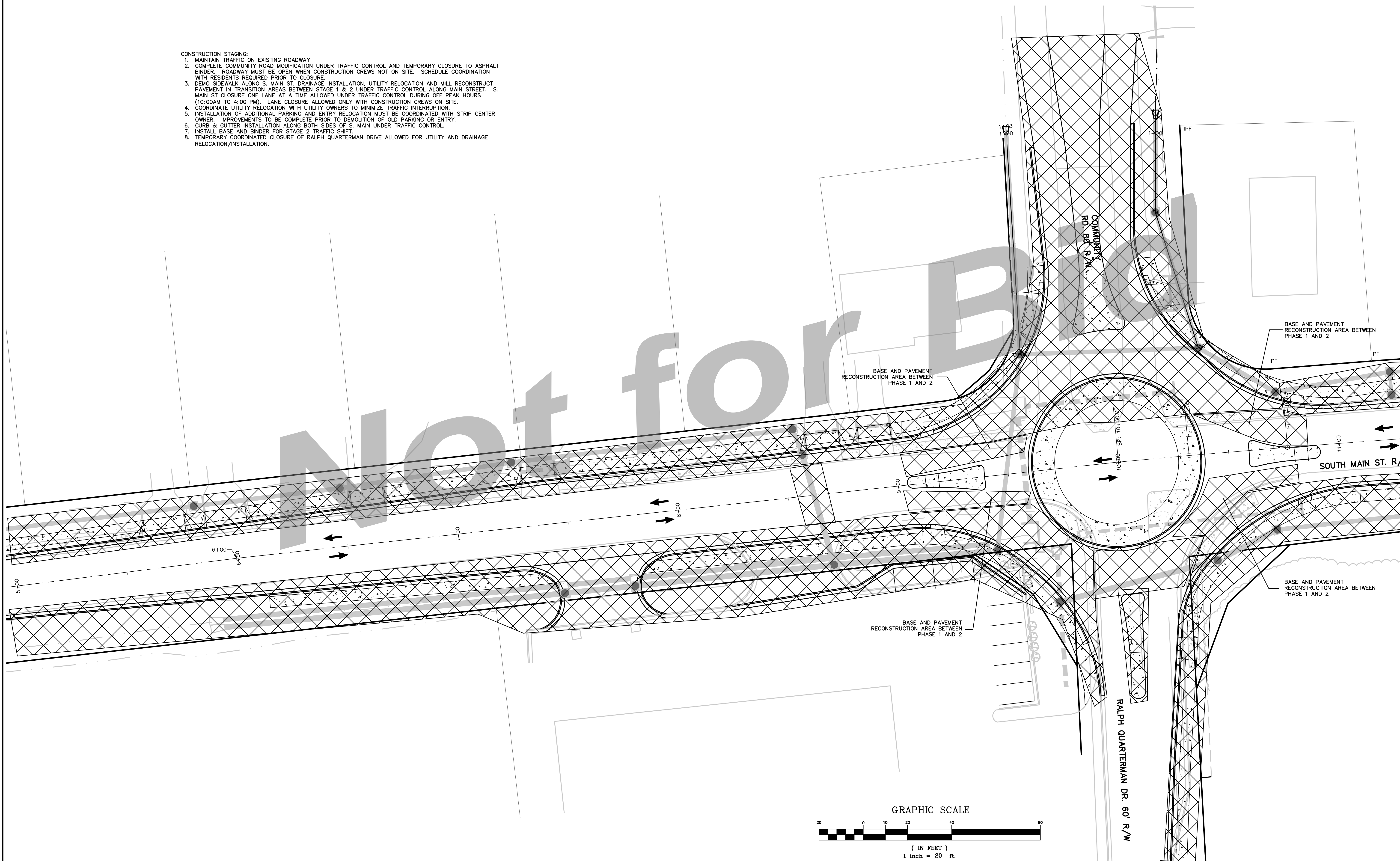
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912-244-7800
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South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		STANDARD DROP INLETS (BUILT-IN-PLACE)	
SCALE AS SHOWN		REV. & REDR. AUG., 1999	
DES. (SUBMITTED)	James R. Kennel	NUMBER 1019A	
REV. (APPROVED)	Paul C. Simonton	STATE ROAD & AIRPORT DESIGN ENGR.	
TRA. (APPROVED)	Paul C. Simonton	CHIEF ENGINEER	
CHK.			

- CONSTRUCTION STAGINGS:
1. MAINTAIN TRAFFIC ON EXISTING ROADWAY
 2. COMPLETE COMMUNITY ROAD MODIFICATION UNDER TRAFFIC CONTROL AND TEMPORARY CLOSURE TO ASPHALT BINDER. ROADWAY MUST BE OPEN WHEN CONSTRUCTION CREWS NOT ON SITE. SCHEDULE COORDINATION WITH RESIDENTS REQUIRED PRIOR TO CLOSURE.
 3. DEMO SIDEWALK ALONG S. MAIN ST. DRAINAGE INSTALLATION, UTILITY RELOCATION AND MILL RECONSTRUCT PAVEMENT IN TRANSITION AREAS BETWEEN STAGE 1 & 2 UNDER TRAFFIC CONTROL ALONG MAIN STREET. S. MAIN ST CLOSURE ONE LANE AT A TIME ALLOWED UNDER TRAFFIC CONTROL DURING OFF PEAK HOURS (10:00AM TO 4:00 PM). LANE CLOSURE ALLOWED ONLY WITH CONSTRUCTION CREWS ON SITE.
 4. COORDINATE UTILITY RELOCATION WITH UTILITY OWNERS TO MINIMIZE TRAFFIC INTERRUPTION.
 5. INSTALLATION OF ADDITIONAL PARKING AND ENTRY RELOCATION MUST BE COORDINATED WITH STRIP CENTER OWNER. IMPROVEMENTS TO BE COMPLETE PRIOR TO DEMOLITION OF OLD PARKING OR ENTRY.
 6. CURB & GUTTER INSTALLATION ALONG BOTH SIDES OF S. MAIN UNDER TRAFFIC CONTROL.
 7. INSTALL BASE AND BINDER FOR STAGE 2 TRAFFIC SHIFT.
 8. TEMPORARY COORDINATED CLOSURE OF RALPH QUARTERMAN DRIVE ALLOWED FOR UTILITY AND DRAINAGE RELOCATION/INSTALLATION.



MATCHLINE - STA 11+29 - SEE SHEET C9.1

REVISIONS:

NO.	DATE	DESCRIPTION
1	08-17-2020	ISSUED FOR PERMIT

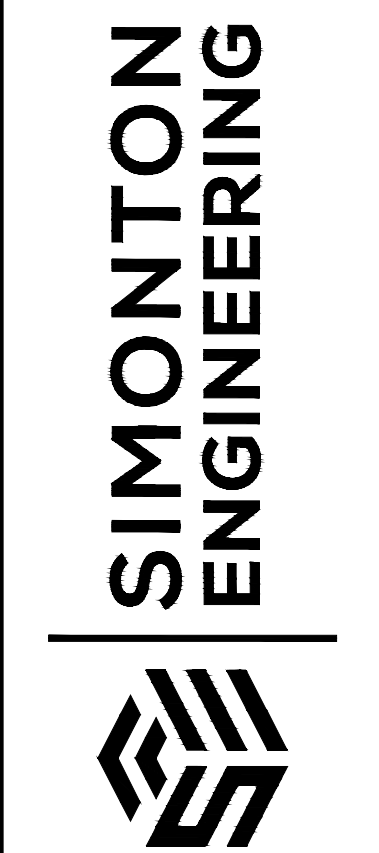
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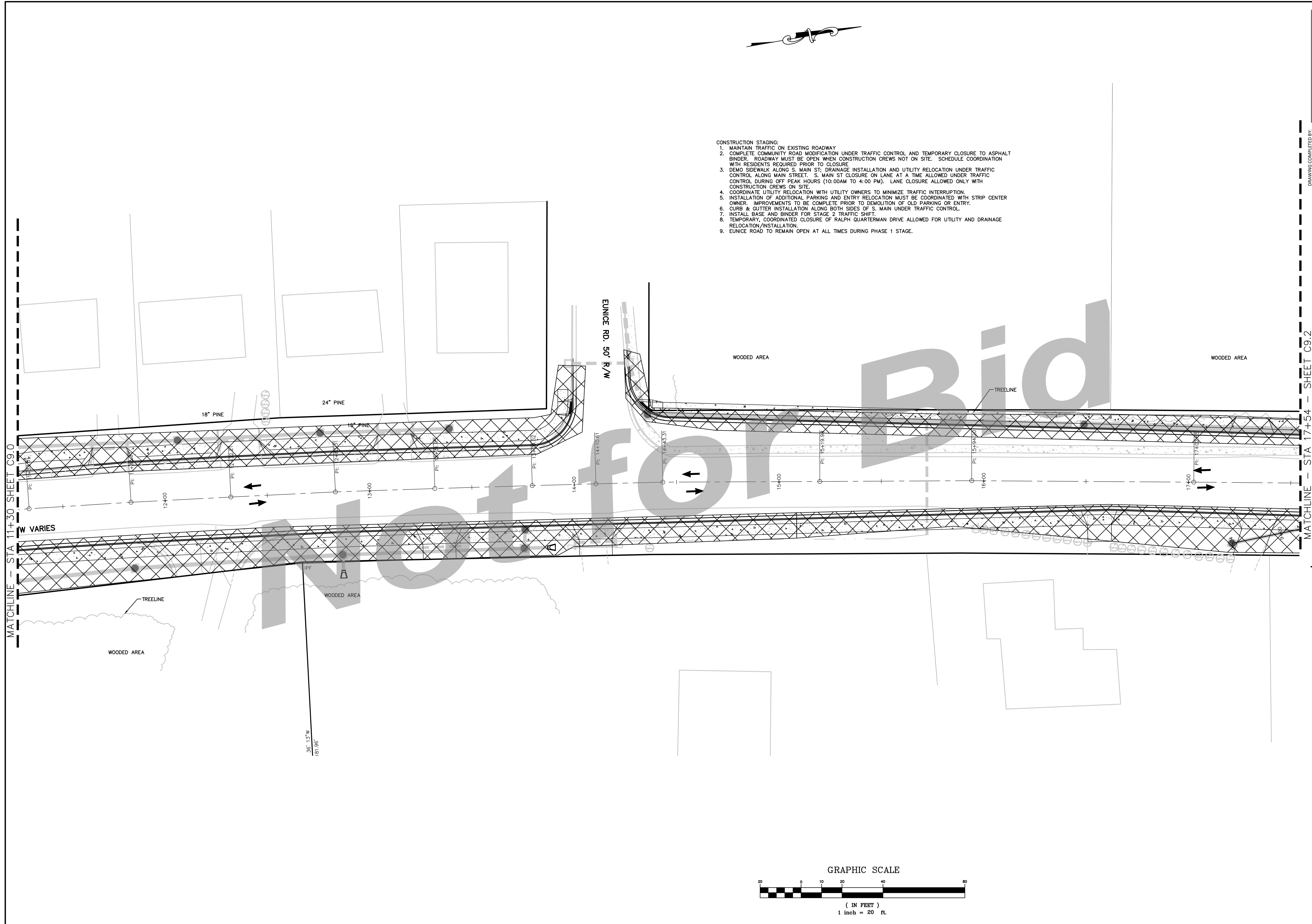


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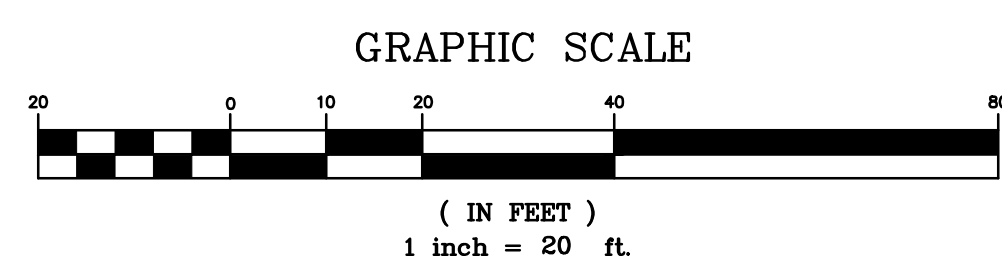
Stage 1 Plan

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.0

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- CONSTRUCTION STAGING:
1. MAINTAIN TRAFFIC ON EXISTING ROADWAY
 2. COMPLETE COMMUNITY ROAD MODIFICATION UNDER TRAFFIC CONTROL AND TEMPORARY CLOSURE TO ASPHALT BINDER. ROADWAY MUST BE OPEN WHEN CONSTRUCTION CREWS NOT ON SITE. SCHEDULE COORDINATION WITH RESIDENTS REQUIRED PRIOR TO CLOSURE.
 3. DEMO SIDEWALK ALONG S. MAIN ST; DRAINAGE INSTALLATION AND UTILITY RELOCATION UNDER TRAFFIC CONTROL ALONG MAIN STREET. S. MAIN ST CLOSURE ON LANE AT A TIME ALLOWED UNDER TRAFFIC CONTROL DURING OFF PEAK HOURS (10:00AM TO 4:00 PM). LANE CLOSURE ALLOWED ONLY WITH CONSTRUCTION CREWS ON SITE.
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 6. CURB & GUTTER INSTALLATION ALONG BOTH SIDES OF S. MAIN UNDER TRAFFIC CONTROL.
 7. INSTALL BASE AND BINDER FOR STAGE 2 TRAFFIC SHIFT.
 8. TEMPORARY, COORDINATED CLOSURE OF RALPH QUARTERMAN DRIVE ALLOWED FOR UTILITY AND DRAINAGE RELOCATION/INSTALLATION.
 9. EUNICE ROAD TO REMAIN OPEN AT ALL TIMES DURING PHASE 1 STAGE.



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South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Stage 1 Plan

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.1

- CONSTRUCTION STAGING:**
1. MAINTAIN TRAFFIC ON EXISTING ROADWAY.
 2. COMPLETE COMMUNITY ROAD MODIFICATION UNDER TRAFFIC CONTROL AND TEMPORARY CLOSURE TO ASPHALT BINDER. ROADWAY MUST BE OPEN WHEN CONSTRUCTION CREWS NOT ON SITE. SCHEDULE COORDINATION WITH RESIDENTS REQUIRED PRIOR TO CLOSURE.
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 5. MAINTAIN TRAFFIC ON EUNICE ROAD AT ALL TIMES. CLOSURE LIMITED TO ONE LANE.
 6. CURB & GUTTER INSTALLATION ALONG BOTH SIDES OF S. MAIN UNDER TRAFFIC CONTROL.
 7. INSTALL BASE AND BINDER FOR STAGE 2 TRAFFIC SHIFT.
 8. TEMPORARY, COORDINATED CLOSURE OF RALPH QUARTERMAN DRIVE ALLOWED FOR UTILITY AND DRAINAGE RELOCATION/INSTALLATION.
 9. MAINTAIN ACCESS FOR TRAFFIC ON CHERRIE MURREL AT ALL TIMES. CLOSURE LIMITED TO ONE LANE.
 10. MAINTAIN DRAINAGE ALONG S. MAIN STREET AT ALL TIMES.

MATCHLINE - STA 17+54 SHEET C9.1

MATCHLINE - STA 23+80 - SEE SHEET C9.3

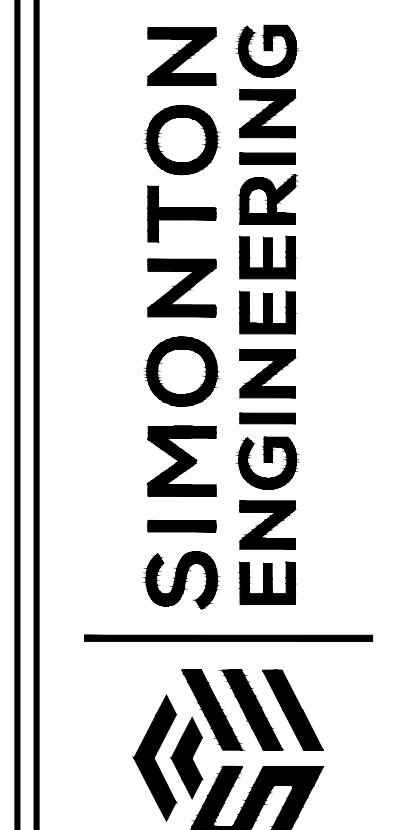
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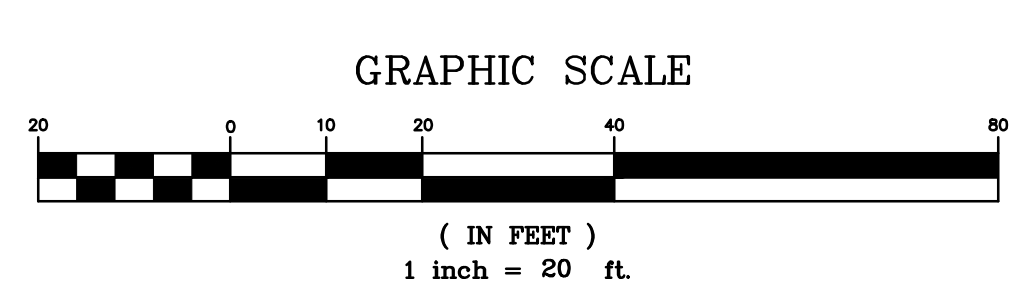
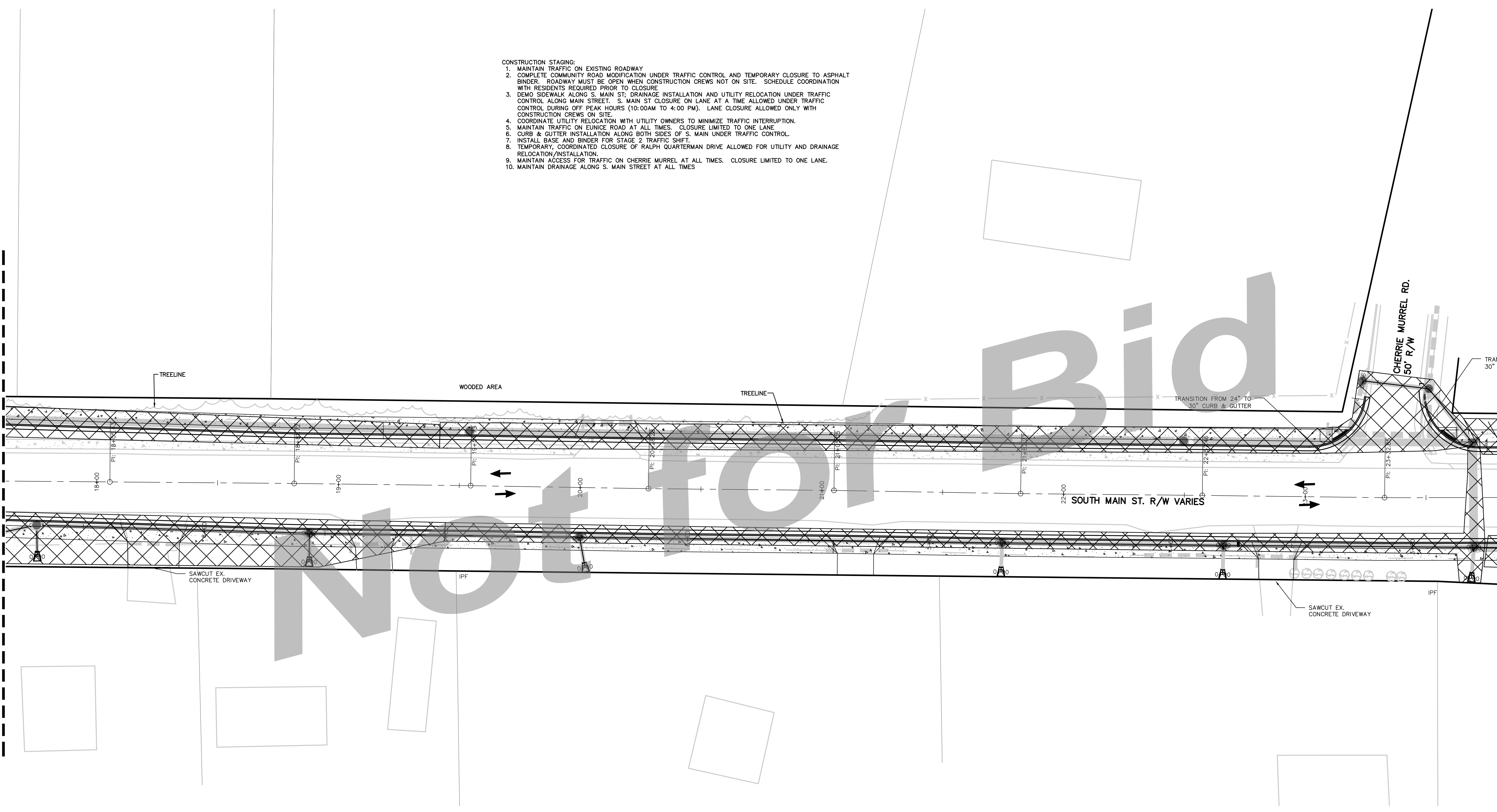
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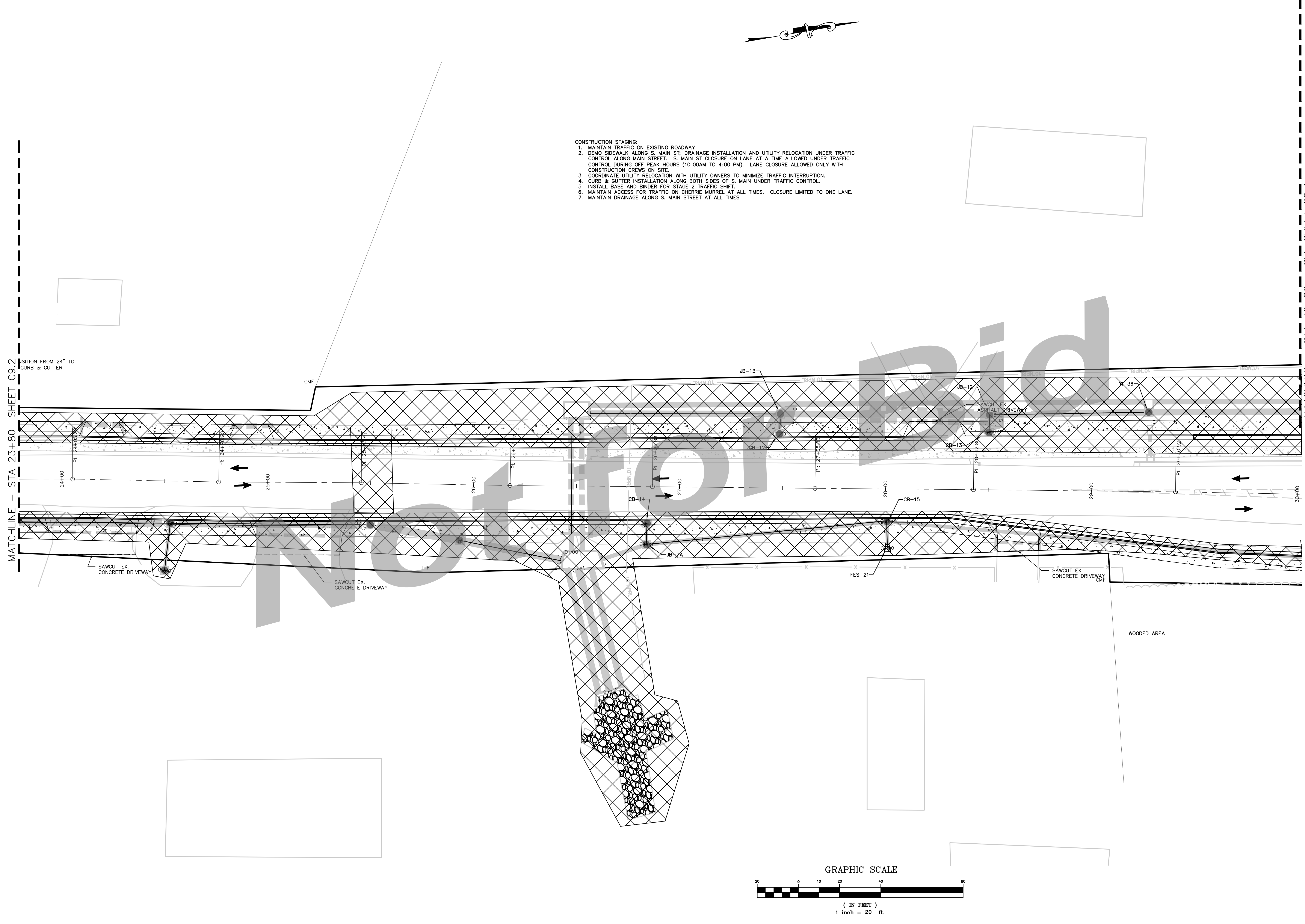
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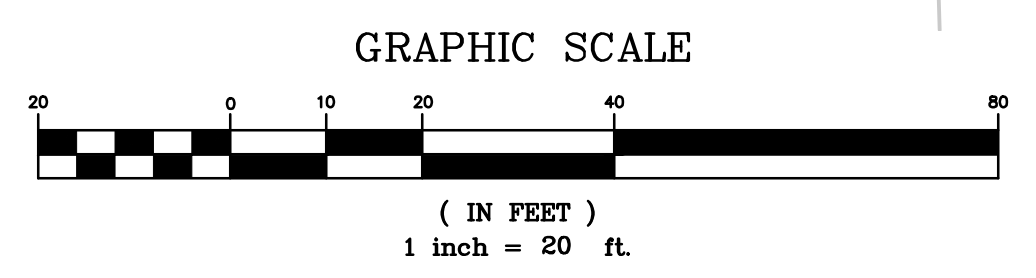
South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Stage 1 Plan
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.2





- CONSTRUCTION STAGING:**
1. MAINTAIN TRAFFIC ON EXISTING ROADWAY
 2. DEMO SIDEWALK ALONG S. MAIN ST; DRAINAGE INSTALLATION AND UTILITY RELOCATION UNDER TRAFFIC CONTROL ALONG MAIN STREET. S. MAIN ST CLOSURE ON LANE AT A TIME ALLOWED UNDER TRAFFIC CONTROL DURING OFF PEAK HOURS (10:00AM TO 4:00 PM). LANE CLOSURE ALLOWED ONLY WITH CONSTRUCTION CREWS ON SITE.
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 5. INSTALL BASE AND BINDER FOR STAGE 2 TRAFFIC SHIFT.
 6. MAINTAIN ACCESS FOR TRAFFIC ON CHERRIE MURREL AT ALL TIMES. CLOSURE LIMITED TO ONE LANE.
 7. MAINTAIN DRAINAGE ALONG S. MAIN STREET AT ALL TIMES



MATCHLINE - STA 23+80 SHEET C9.2

MATCHLINE - STA 30+00 - SEE SHEET C9.4

REVISIONS:

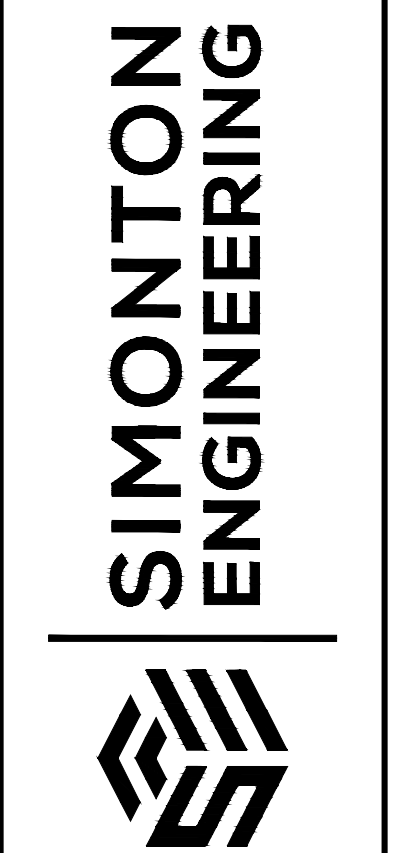
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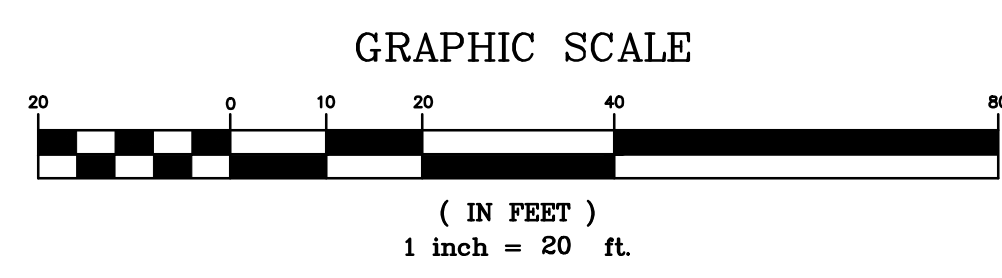
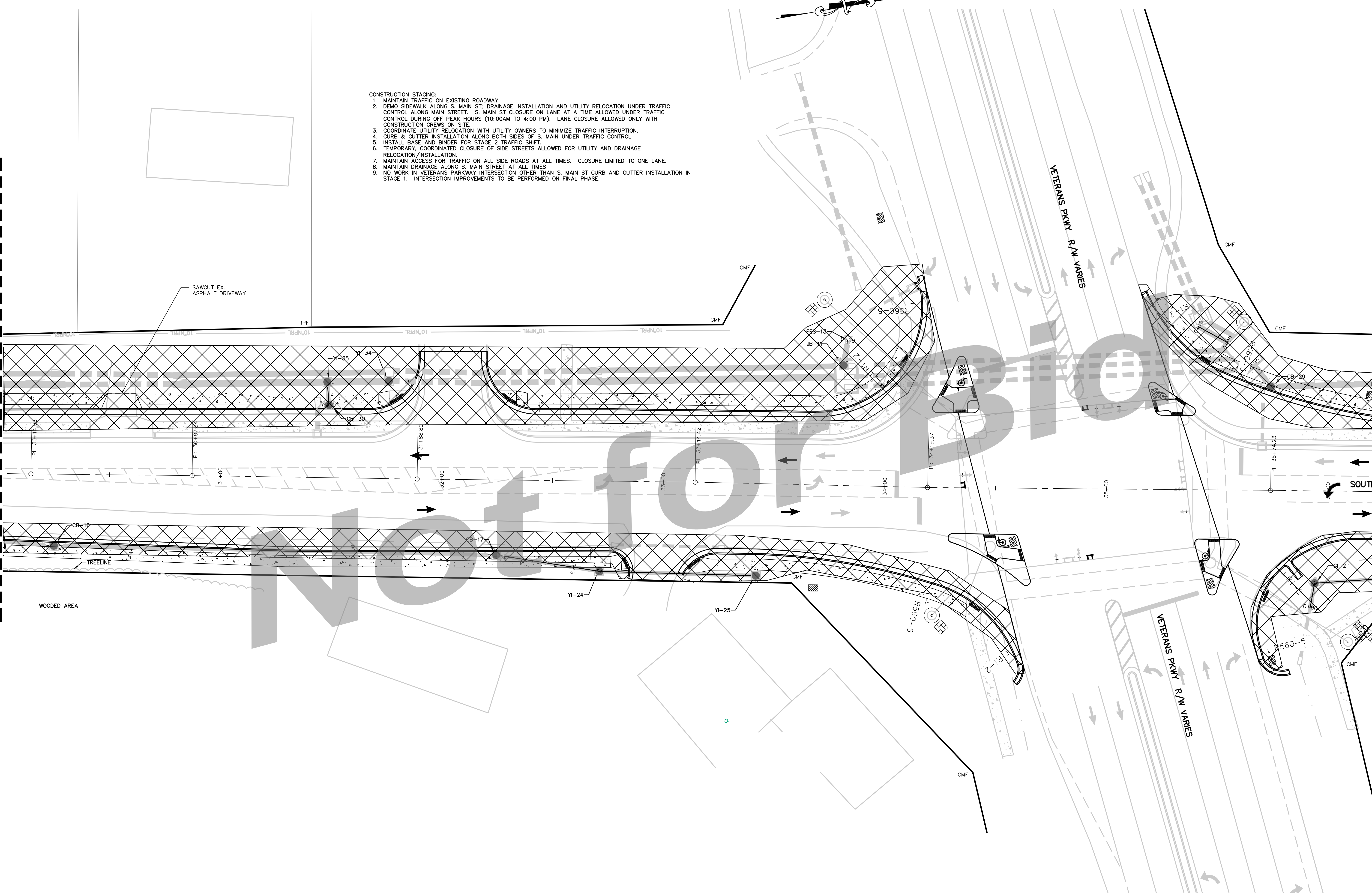
Stage 1 Plan

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.3

MATCHLINE - STA 30+00 SHEET C9.3

MATCHLINE - STA 36+20 - SEE SHEET C9.5

- CONSTRUCTION STAGING:
1. MAINTAIN TRAFFIC ON EXISTING ROADWAY
 2. DEMO SIDEWALK ALONG S. MAIN ST; DRAINAGE INSTALLATION AND UTILITY RELOCATION UNDER TRAFFIC CONTROL ALONG MAIN STREET. S. MAIN ST CLOSURE ON LANE AT A TIME ALLOWED UNDER TRAFFIC CONTROL DURING OFF PEAK HOURS (10:00AM TO 4:00 PM). LANE CLOSURE ALLOWED ONLY WITH CONSTRUCTION CREWS ON SITE.
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 5. INSTALL BASE AND BINDER FOR STAGE 2 TRAFFIC SHIFT.
 6. TEMPORARY, COORDINATED CLOSURE OF SIDE STREETS ALLOWED FOR UTILITY AND DRAINAGE RELOCATION/INSTALLATION.
 7. MAINTAIN ACCESS FOR TRAFFIC ON ALL SIDE ROADS AT ALL TIMES. CLOSURE LIMITED TO ONE LANE.
 8. MAINTAIN DRAINAGE ALONG S. MAIN STREET AT ALL TIMES
 9. NO WORK IN VETERANS PARKWAY INTERSECTION OTHER THAN S. MAIN ST CURB AND GUTTER INSTALLATION IN STAGE 1. INTERSECTION IMPROVEMENTS TO BE PERFORMED ON FINAL PHASE.



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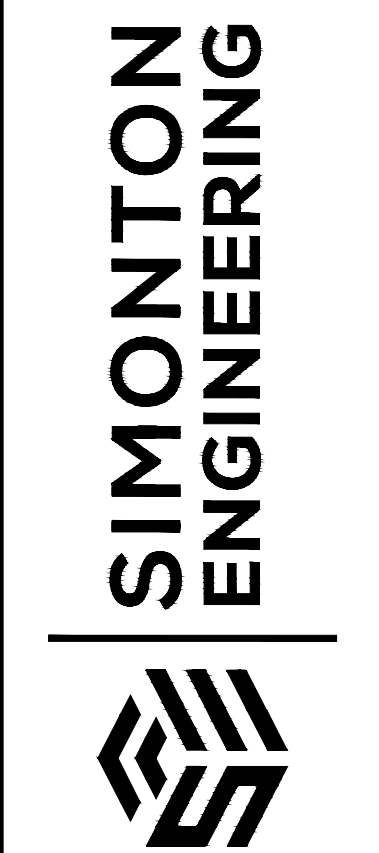
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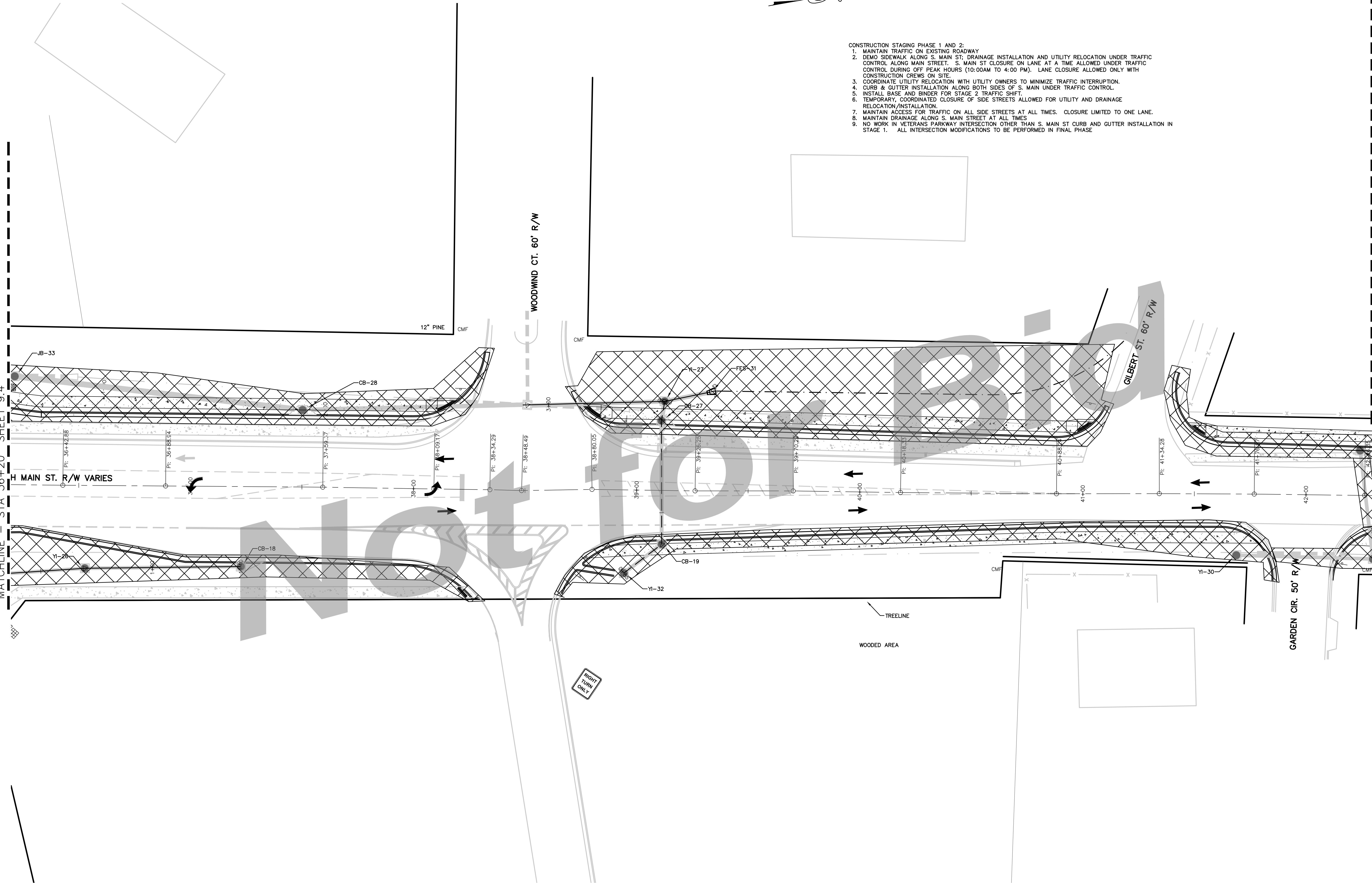
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for
The City of Hinesville
Liberty County, Georgia

Stage 1 Plan

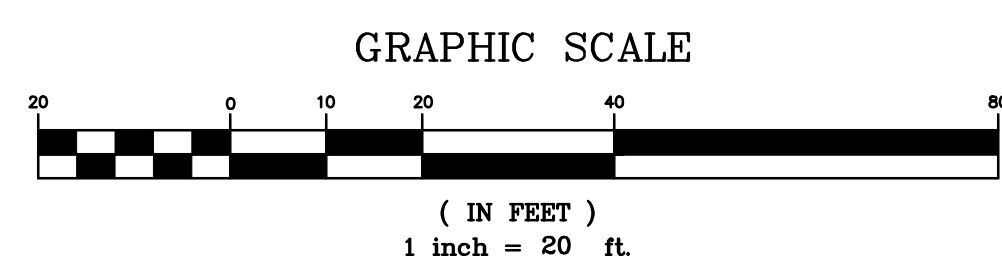
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SHEET: C9.4

MATCHLINE - STA 36+20 SHEET 9.4

MATCHLINE - STA 42+29 - SEE SHEET C9.6



- CONSTRUCTION STAGING PHASE 1 AND 2:
1. MAINTAIN TRAFFIC ON EXISTING ROADWAY
 2. DEMO SIDEWALK ALONG S. MAIN ST. DRAINAGE INSTALLATION AND UTILITY RELOCATION UNDER TRAFFIC CONTROL ALONG MAIN STREET. S. MAIN ST CLOSURE ON LANE AT A TIME ALLOWED UNDER TRAFFIC CONTROL DURING OFF PEAK HOURS (10:00AM TO 4:00 PM). LANE CLOSURE ALLOWED ONLY WITH CONSTRUCTION CREWS ON SITE.
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 9. NO WORK IN VETERANS PARKWAY INTERSECTION OTHER THAN S. MAIN ST CURB AND GUTTER INSTALLATION IN STAGE 1. ALL INTERSECTION MODIFICATIONS TO BE PERFORMED IN FINAL PHASE.



REVISIONS:

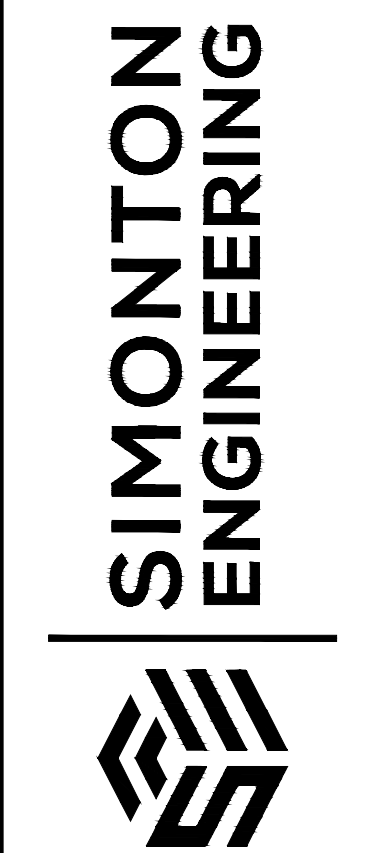
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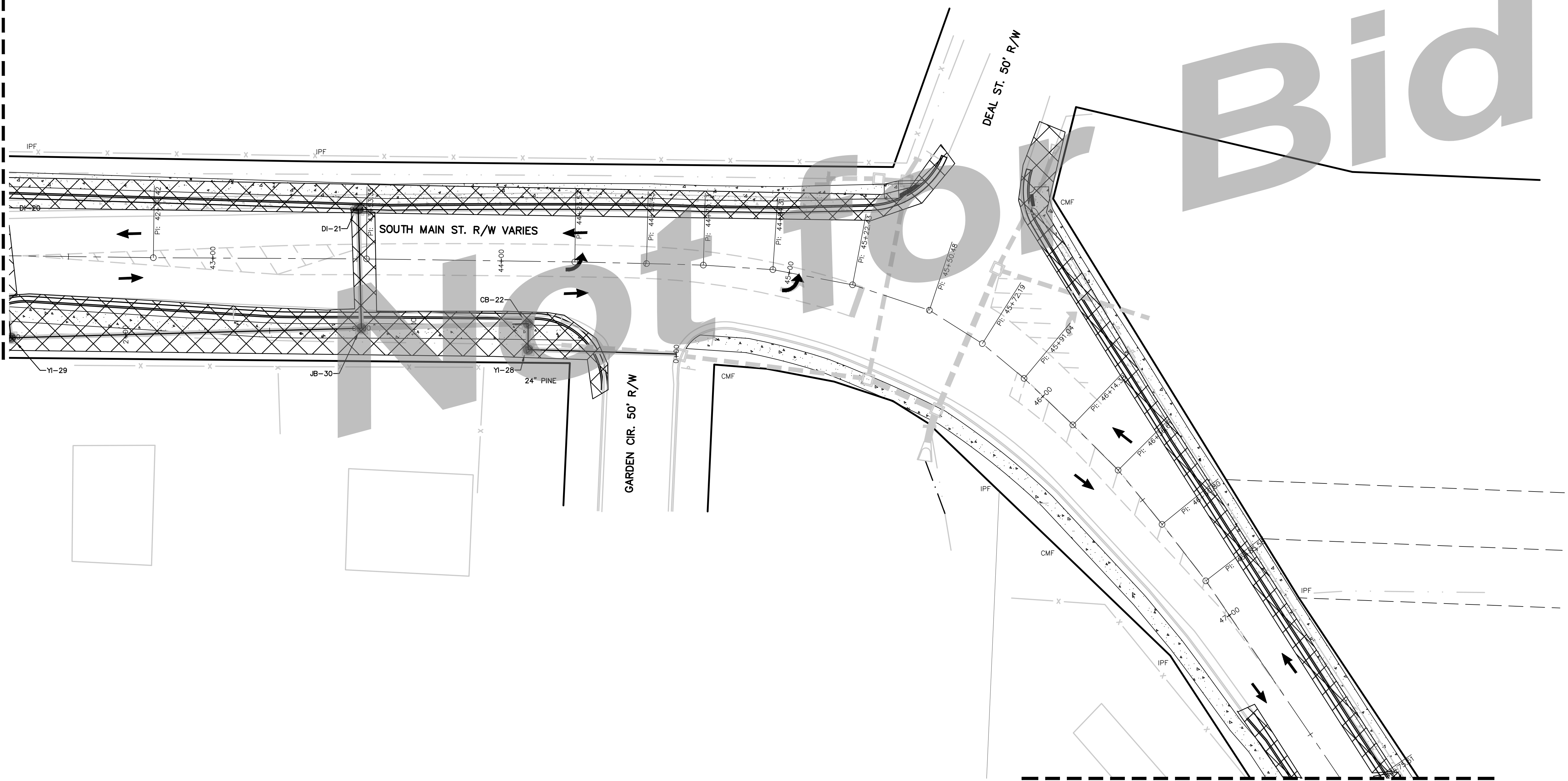
South Main Street Widening
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Stage 1 & 2 Plan

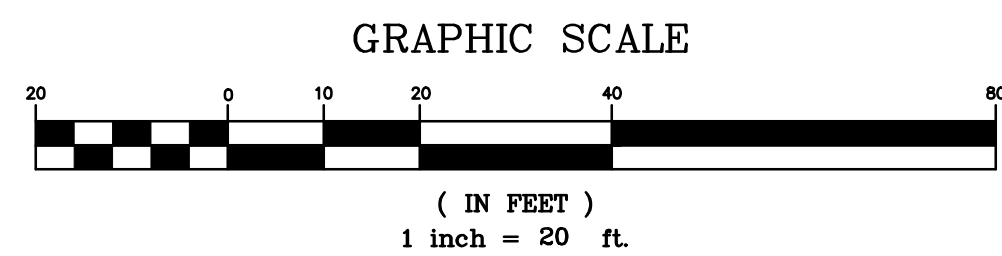
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.5

MATCHLINE - STA 42+29 SHEET 9.5

- CONSTRUCTION STAGING PHASE 1 & 2:
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 8. MAINTAIN DRAINAGE ALONG S. MAIN STREET AT ALL TIMES
 9. NO WORK IN VETERANS PARKWAY INTERSECTION OTHER THAN S. MAIN ST CURB AND GUTTER INSTALLATION IN STAGE 1
 10. STATION 47+00 TO STATION 55+00 NARROW LANES TO 10' EACH WITH TRAFFIC CONTROL BARRELS FOR INSTALLATION OF UTILITY RELOCATION, DRAINAGE AND CURB AND GUTTER



MATCHLINE - STA 47+68 SHEET C9.7



MATCHLINE - STA 15+00 - SEE SHEET C5.1

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The City of Hinesville
Liberty County, Georgia

Stage 1 & 2 Plan

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.6



Level II Certification No. 935
Expiration Date: 10-01-23

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- CONSTRUCTION STAGING PHASE 1 & 2:
1. MAINTAIN TRAFFIC ON EXISTING ROADWAY.
 2. DEMO SIDEWALK ALONG S. MAIN ST; DRAINAGE INSTALLATION AND UTILITY RELOCATION UNDER TRAFFIC CONTROL ALONG MAIN STREET. S. MAIN ST CLOSURE ON LANE AT A TIME ALLOWED UNDER TRAFFIC CONTROL DURING OFF PEAK HOURS (10:00AM TO 4:00 PM). LANE CLOSURE ALLOWED ONLY WITH CONSTRUCTION CREWS ON SITE.
 3. COORDINATE UTILITY RELOCATION WITH UTILITY OWNERS TO MINIMIZE TRAFFIC INTERRUPTION.
 4. CURB & GUTTER INSTALLATION ALONG BOTH SIDES OF S. MAIN UNDER TRAFFIC CONTROL.
 5. INSTALL BASE AND BINDER FOR STAGE 2 TRAFFIC SHIFT.
 6. TEMPORARY, COORDINATED CLOSURE OF SIDE STREETS ALLOWED FOR UTILITY AND DRAINAGE RELOCATION/INSTALLATION.
 7. MAINTAIN ACCESS FOR TRAFFIC ON ALL SIDE STREETS AT ALL TIMES. CLOSURE LIMITED TO ONE LANE.
 8. MAINTAIN DRAINAGE ALONG S. MAIN STREET AT ALL TIMES.
 9. NO WORK IN VETERANS PARKWAY INTERSECTION OTHER THAN S. MAIN ST CURB AND GUTTER INSTALLATION IN STAGE 1.
 10. STATION 47+00 TO STATION 55+00 NARROW LANES TO 10' EACH WITH TRAFFIC CONTROL BARRELS FOR INSTALLATION OF UTILITY RELOCATION, DRAINAGE AND CURB AND GUTTER.

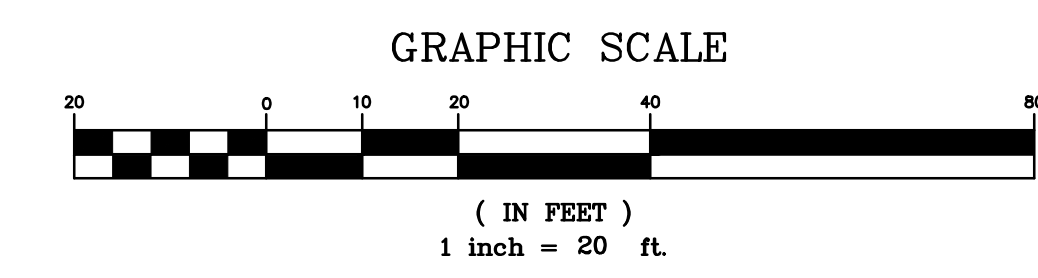
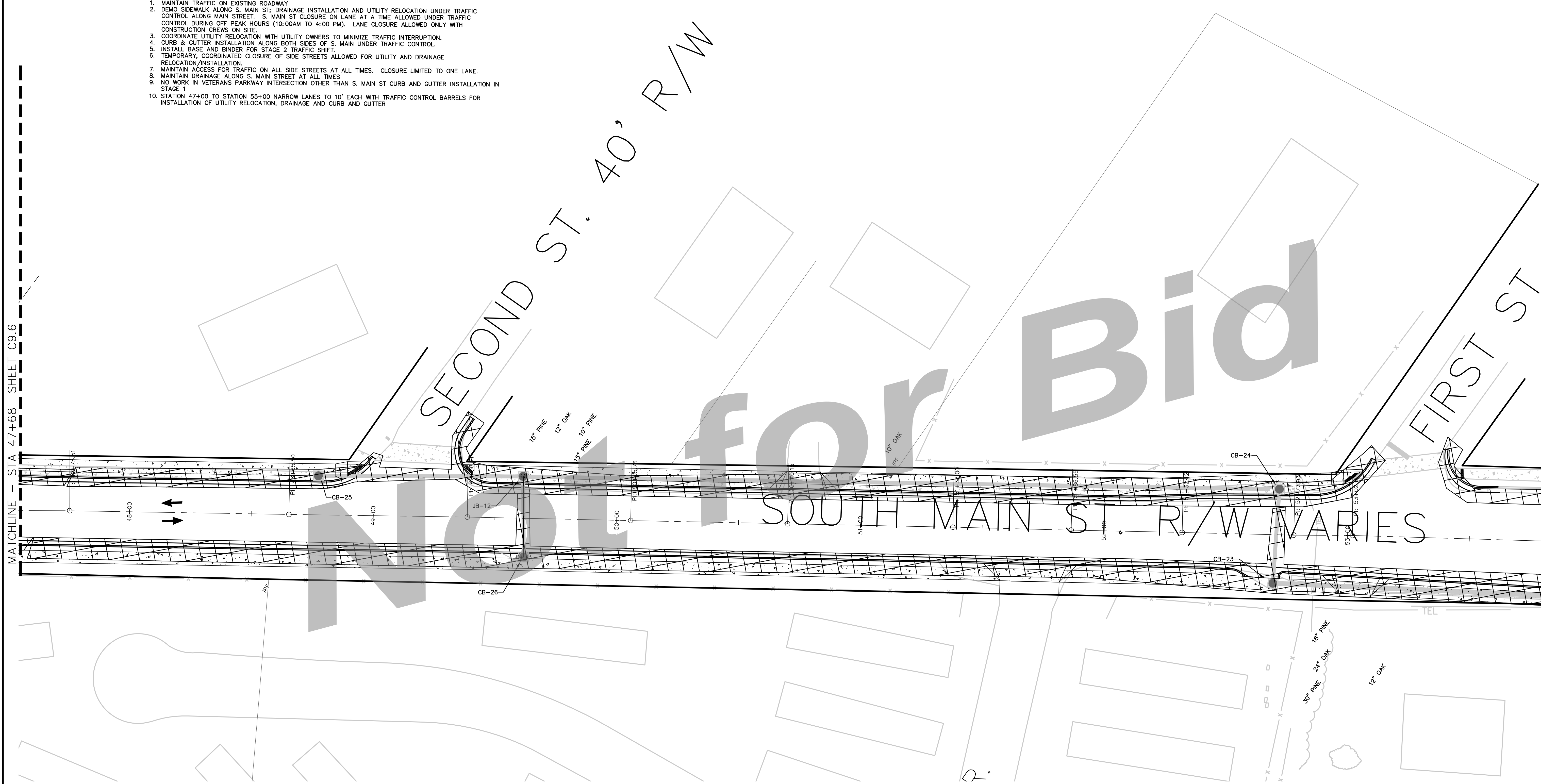
MATCHLINE - STA 47+68 SHEET C9.6

MATCHLINE - STA 53+78 - SEE SHEET C9.8

SECOND ST. 40' R/W

SOUTH MAIN ST. R/W VARIES

FIRST ST



REVISIONS:

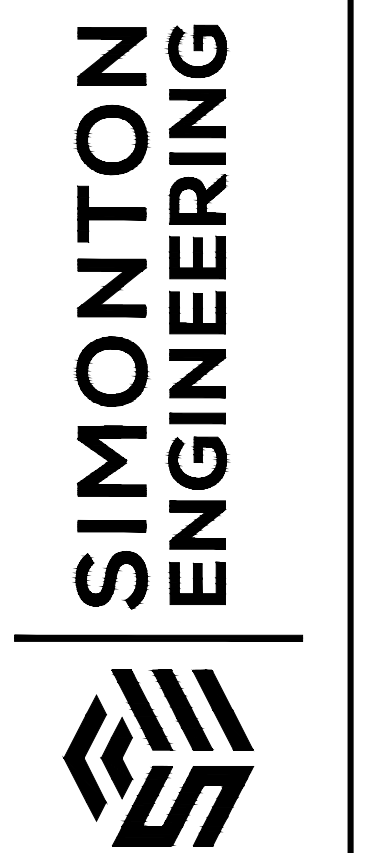
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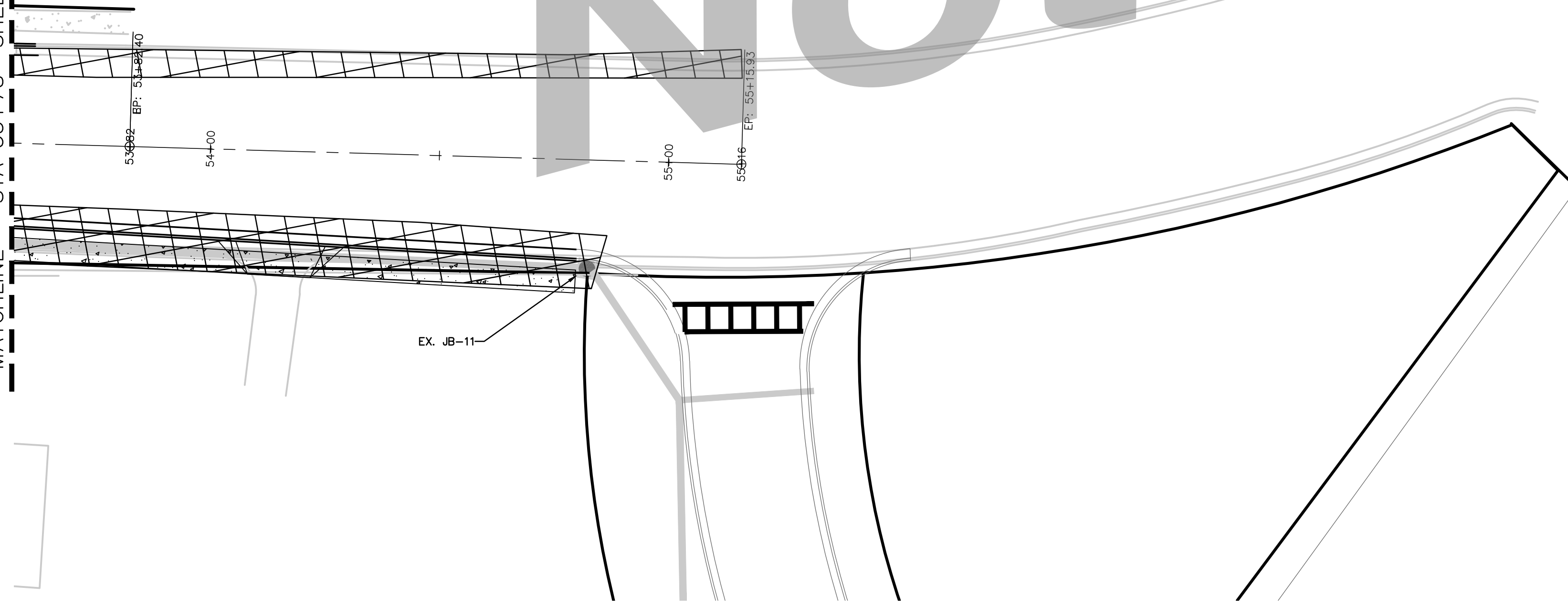


South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

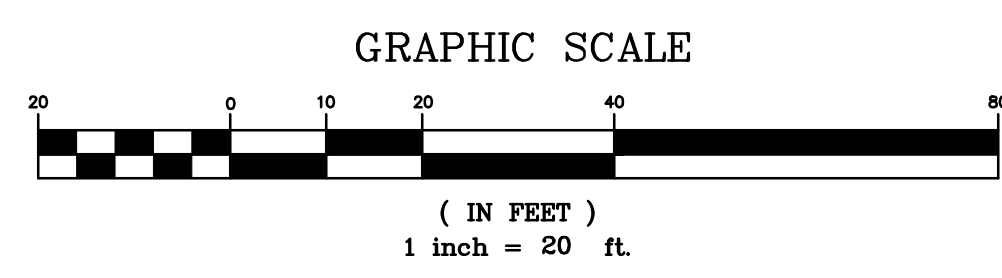
Stage 1 & 2 Plan
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.7

MATCHLINE - STA 53+78 SHEET 9.7

ST. 40' R/W



- CONSTRUCTION STAGING PHASE 1 & 2:
1. MAINTAIN TRAFFIC ON EXISTING ROADWAY
 2. DEMO SIDEWALK ALONG S. MAIN ST; DRAINAGE INSTALLATION AND UTILITY RELOCATION UNDER TRAFFIC CONTROL ALONG MAIN STREET. S. MAIN ST CLOSURE ON LANE AT A TIME ALLOWED UNDER TRAFFIC CONTROL DURING OFF PEAK HOURS (10:00AM TO 4:00 PM). LANE CLOSURE ALLOWED ONLY WITH CONSTRUCTION CREWS ON SITE.
 3. COORDINATE UTILITY RELOCATION WITH UTILITY OWNERS TO MINIMIZE TRAFFIC INTERRUPTION.
 4. CURB & GUTTER INSTALLATION ALONG BOTH SIDES OF S. MAIN UNDER TRAFFIC CONTROL.
 5. INSTALL BASE AND BINDER FOR STAGE 2 TRAFFIC SHIFT.
 6. TEMPORARY, COORDINATED CLOSURE OF SIDE STREETS ALLOWED FOR UTILITY AND DRAINAGE RELOCATION/INSTALLATION.
 7. MAINTAIN ACCESS FOR TRAFFIC ON ALL SIDE STREETS AT ALL TIMES. CLOSURE LIMITED TO ONE LANE.
 8. MAINTAIN DRAINAGE ALONG S. MAIN STREET AT ALL TIMES
 9. STATION 47+00 TO STATION 55+00 NARROW LANES TO 10' EACH WITH TRAFFIC CONTROL BARRELS FOR INSTALLATION OF UTILITY RELOCATION, DRAINAGE AND CURB AND GUTTER
 10. CONTRACTOR TO INSURE EXISTING DRAINAGE FACILITIES IN McARTHUR DRIVE ARE IN PLACE AND OPERATIONAL PRIOR TO CONNECTION.

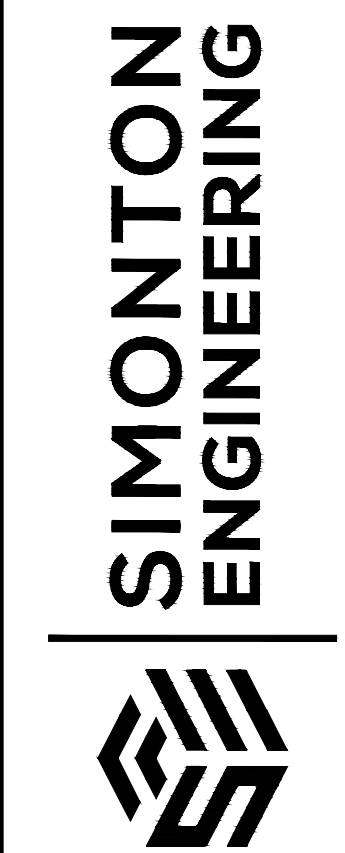


Not for Bid

MATCHLINE - STA 15+00 - SEE SHEET C5.1 DRAWING COMPLETED BY:

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Stage 1 & 2 Plan
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.8

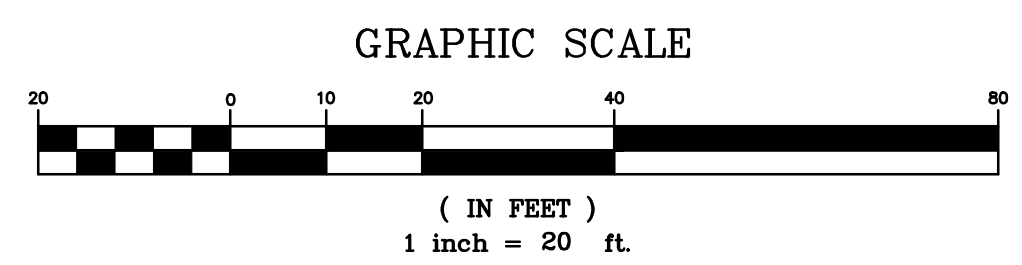
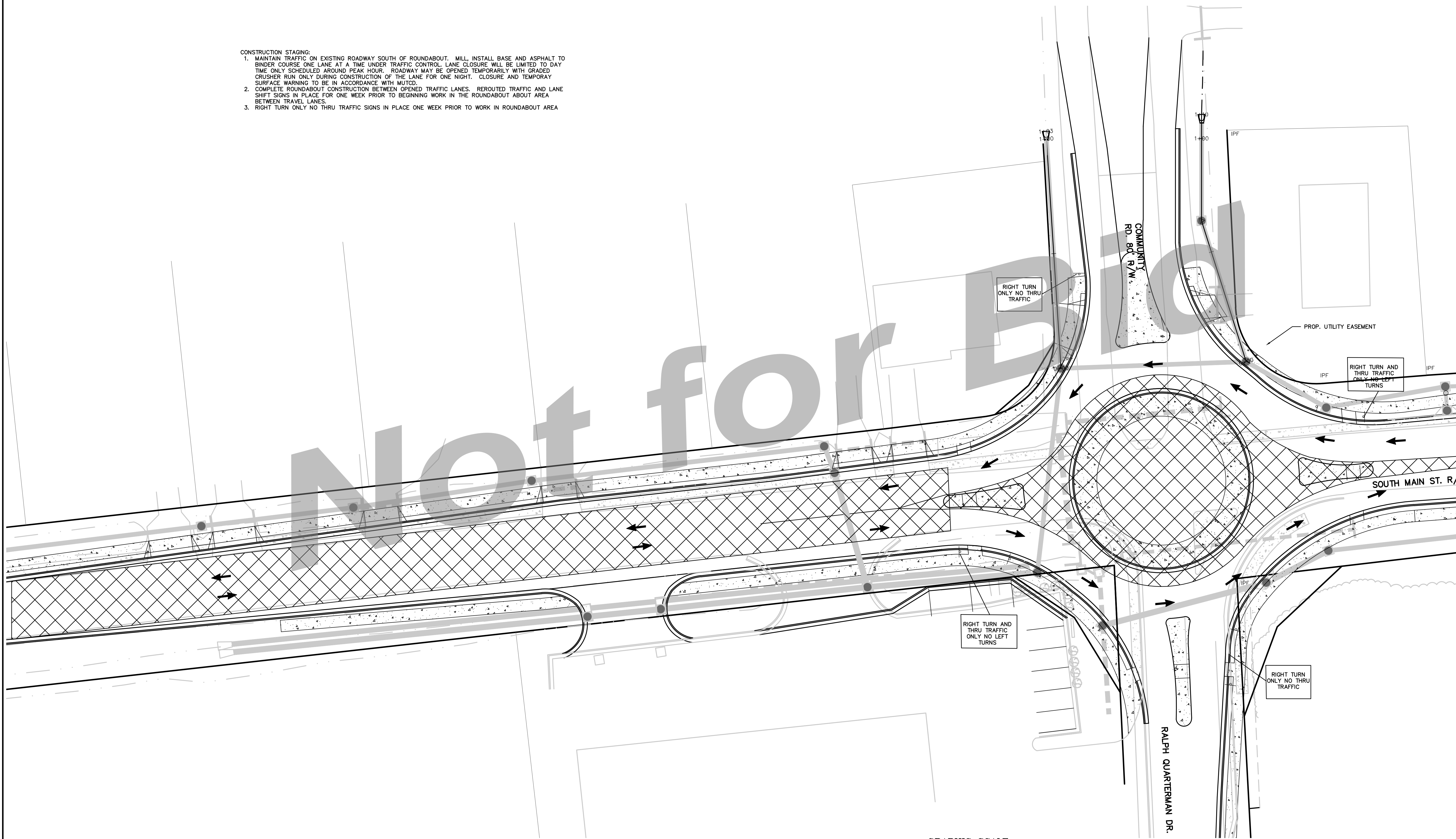


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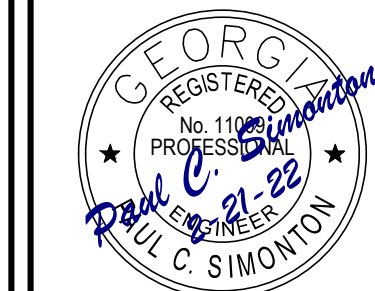
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- CONSTRUCTION STAGING:
1. MAINTAIN TRAFFIC ON EXISTING ROADWAY SOUTH OF ROUNDABOUT. MILL, INSTALL BASE AND ASPHALT TO BINDER COURSE ONE LANE AT A TIME UNDER TRAFFIC CONTROL. LANE CLOSURE WILL BE LIMITED TO DAY TIME ONLY SCHEDULED AROUND PEAK HOUR. ROADWAY MAY BE OPENED TEMPORARILY WITH GRADED CRUSHER RUN ONLY DURING CONSTRUCTION OF THE LANE FOR ONE NIGHT. CLOSURE AND TEMPORARY SURFACE WARNING TO BE IN ACCORDANCE WITH MUTCD.
 2. COMPLETE ROUNDABOUT CONSTRUCTION BETWEEN OPENED TRAFFIC LANES. REROUTED TRAFFIC AND LANE SHIFT SIGNS IN PLACE FOR ONE WEEK PRIOR TO BEGINNING WORK IN THE ROUNDABOUT ABOUT AREA BETWEEN TRAVEL LANES.
 3. RIGHT TURN ONLY NO THRU TRAFFIC SIGNS IN PLACE ONE WEEK PRIOR TO WORK IN ROUNDABOUT AREA



MATCHLINE - STA 11+29 - SEE SHEET C9.1

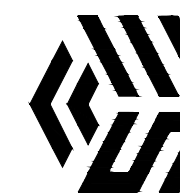
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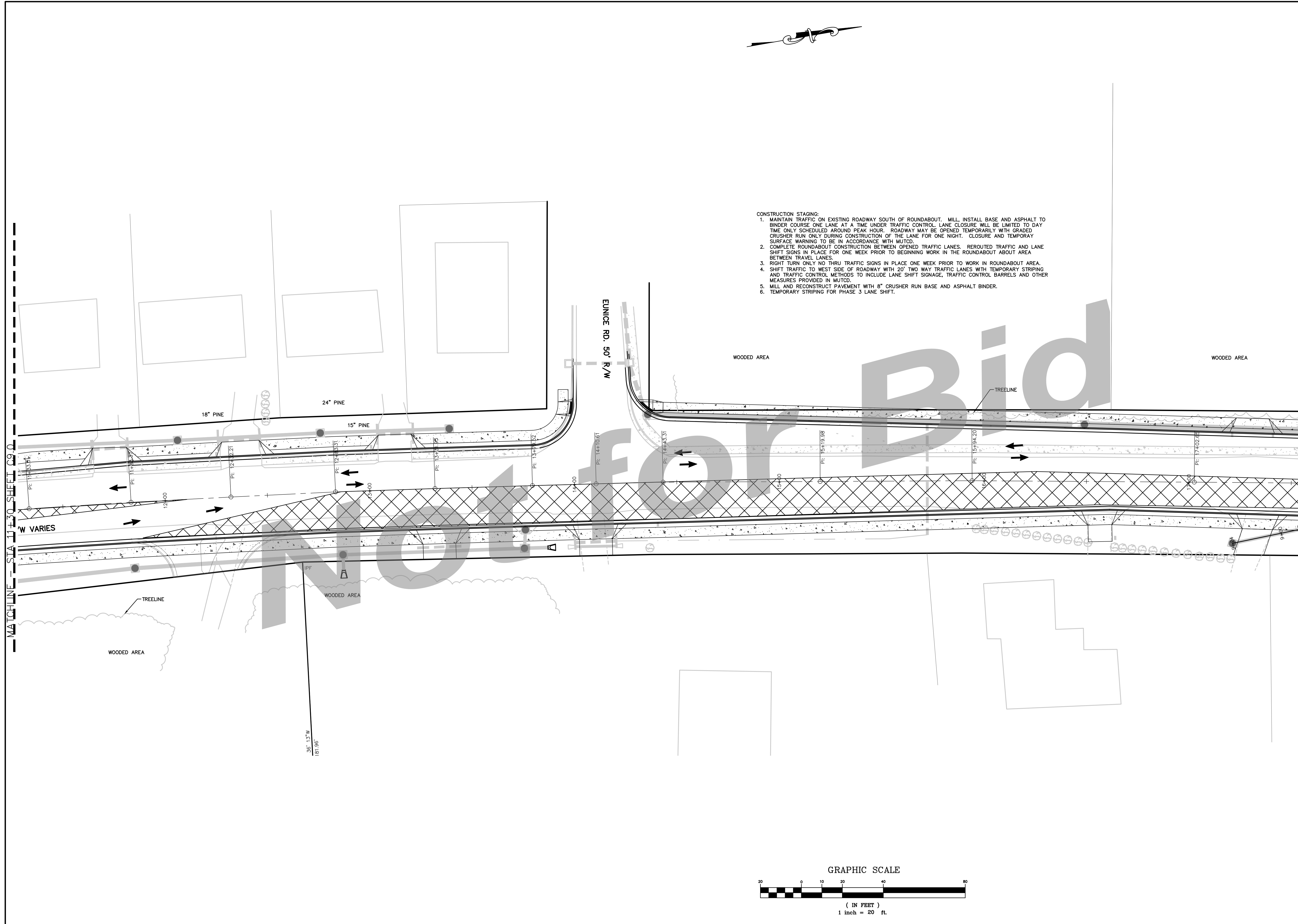


South Main Street Widening
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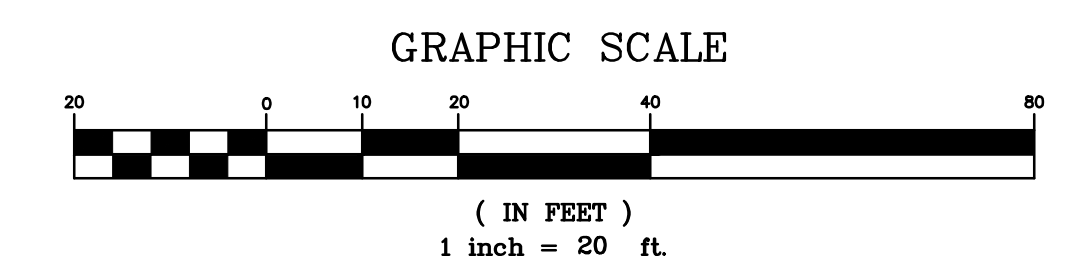
Stage 2 Plan

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FILE NO: 2010-45PRJ
SHEET: C9.9

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- CONSTRUCTION STAGING:
1. MAINTAIN TRAFFIC ON EXISTING ROADWAY SOUTH OF ROUNDABOUT. MILL, INSTALL BASE AND ASPHALT TO BINDER COURSE ONE LANE AT A TIME UNDER TRAFFIC CONTROL. LANE CLOSURE WILL BE LIMITED TO DAY TIME ONLY SCHEDULED AROUND PEAK HOUR. ROADWAY MAY BE OPENED TEMPORARILY WITH GRADED CRUSHER RUN ONLY DURING CONSTRUCTION OF THE LANE FOR ONE NIGHT. CLOSURE AND TEMPORARY SURFACE WARNING TO BE IN ACCORDANCE WITH MUTCD.
 2. COMPLETE ROUNDABOUT CONSTRUCTION BETWEEN OPENED TRAFFIC LANES. REROUTED TRAFFIC AND LANE SHIFT SIGNS IN PLACE FOR ONE WEEK PRIOR TO BEGINNING WORK IN THE ROUNDABOUT ABOUT AREA BETWEEN TRAVEL LANES.
 3. RIGHT TURN ONLY NO THRU TRAFFIC SIGNS IN PLACE ONE WEEK PRIOR TO WORK IN ROUNDABOUT AREA.
 4. SHIFT TRAFFIC TO WEST SIDE OF ROADWAY WITH 20' TWO WAY TRAFFIC LANES WITH TEMPORARY STRIPING AND TRAFFIC CONTROL METHODS TO INCLUDE LANE SHIFT SIGNAGE, TRAFFIC CONTROL BARRELS AND OTHER MEASURES PROVIDED IN MUTCD.
 5. MILL AND RECONSTRUCT PAVEMENT WITH 8\"/>



MATCHLINE - STA 11+30 SHEET C9.0

MATCHLINE - STA 17+54 - SHEET C9.2

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REVISED: _____

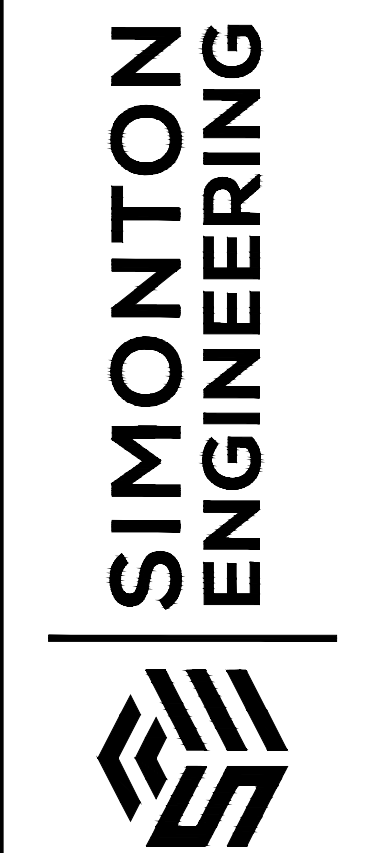
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South Main Street Widening
for
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Liberty County, Georgia

Stage 2 Plan

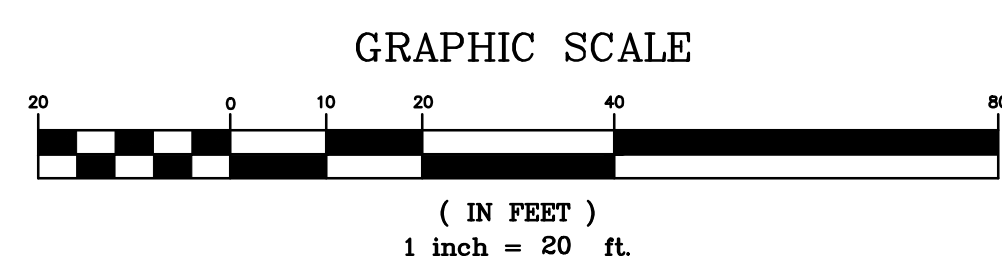
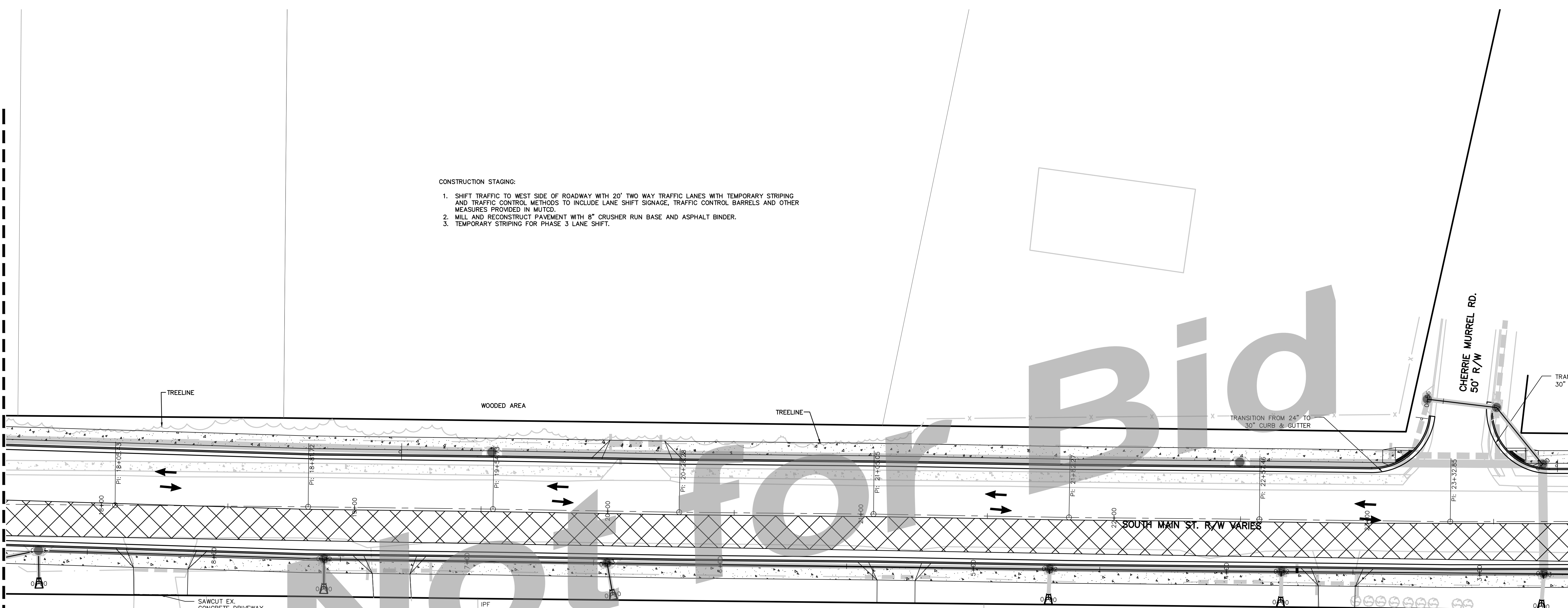
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.10

MATCHLINE - STA 17+54 SHEET C9.10

MATCHLINE - STA 23+80 - SEE SHEET C9.12

CONSTRUCTION STAGING:

1. SHIFT TRAFFIC TO WEST SIDE OF ROADWAY WITH 20' TWO WAY TRAFFIC LANES WITH TEMPORARY STRIPING AND TRAFFIC CONTROL METHODS TO INCLUDE LANE SHIFT SIGNAGE, TRAFFIC CONTROL BARRELS AND OTHER MEASURES PROVIDED IN MUTCD.
2. MILL AND RECONSTRUCT PAVEMENT WITH 8" CRUSHER RUN BASE AND ASPHALT BINDER.
3. TEMPORARY STRIPING FOR PHASE 3 LANE SHIFT.



REVISIONS:

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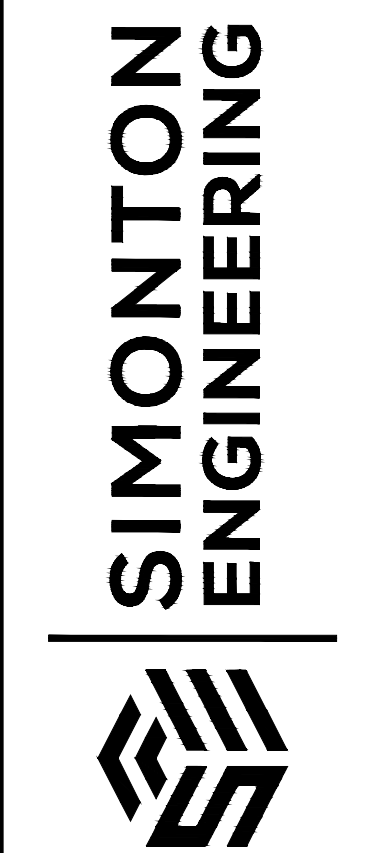
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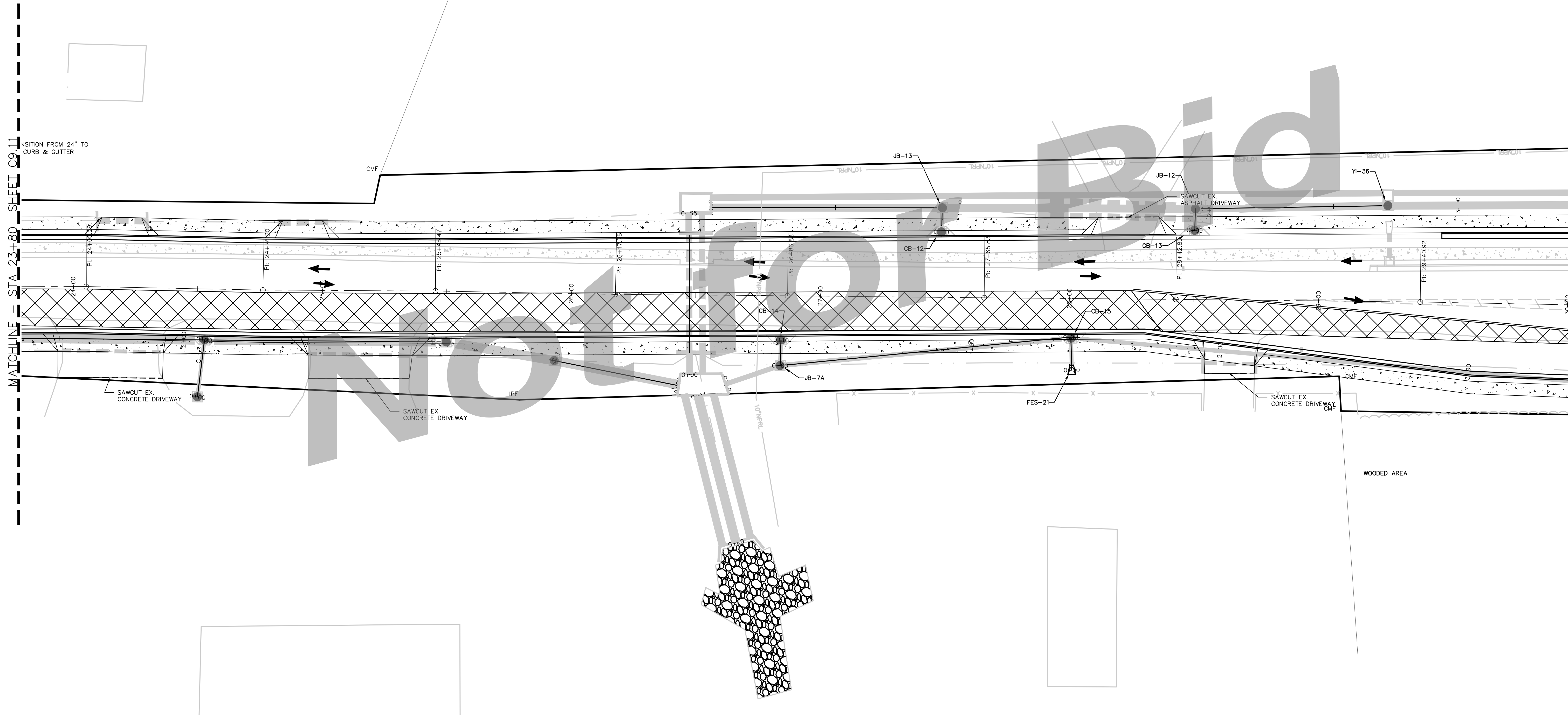
South Main Street Widening
 for
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 Liberty County, Georgia

Stage 2 Plan

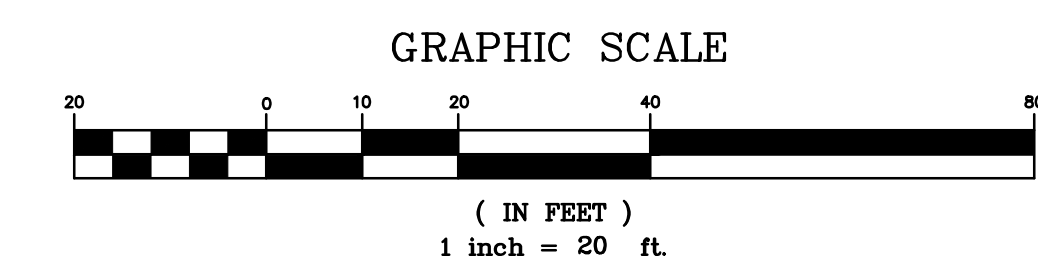
DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C9.11

MATCHLINE - STA 23+80 SHEET C9.11

TRANSITION FROM 24" TO CURB & GUTTER



- CONSTRUCTION STAGING:
1. SHIFT TRAFFIC TO WEST SIDE OF ROADWAY WITH 20' TWO WAY TRAFFIC LANES WITH TEMPORARY STRIPING AND TRAFFIC CONTROL METHODS TO INCLUDE LANE SHIFT SIGNAGE, TRAFFIC CONTROL BARRELS AND OTHER MEASURES PROVIDED IN MUTCD.
 2. MILL AND RECONSTRUCT PAVEMENT WITH 8" CRUSHER RUN BASE AND ASPHALT BINDER.
 3. TEMPORARY STRIPING FOR PHASE 3 LANE SHIFT.

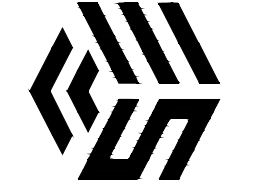


MATCHLINE - STA 30+00 - SEE SHEET C9.13

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Stage 2 Plan

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.12

Level II Certification No. 935
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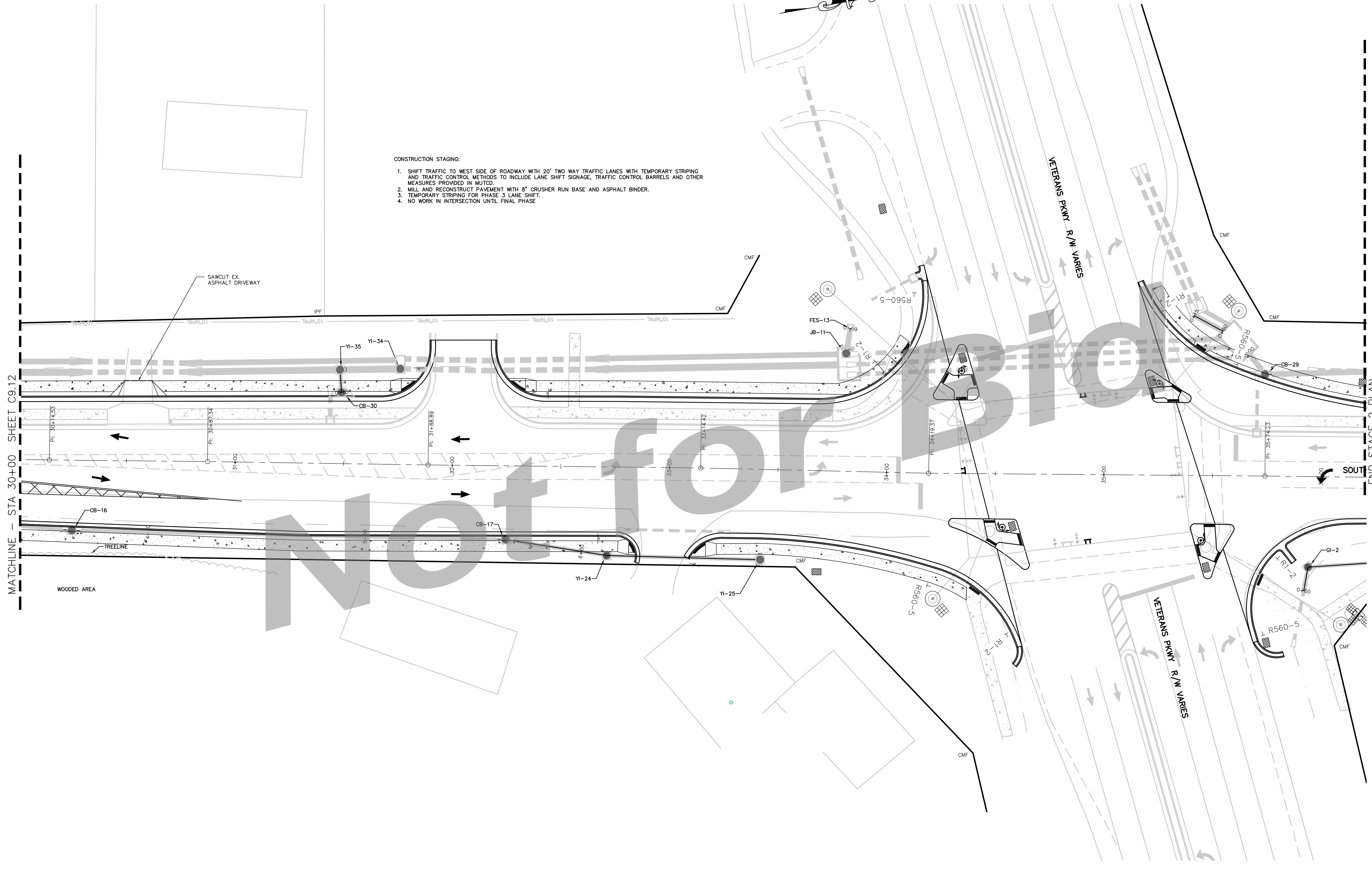


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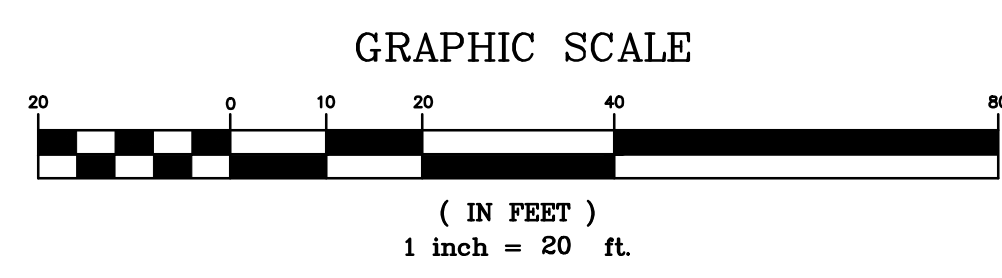
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MATCHLINE - STA 30+00 SHEET C9.12



- CONSTRUCTION STAGING:
1. SHIFT TRAFFIC TO WEST SIDE OF ROADWAY WITH 20' TWO WAY TRAFFIC LANES WITH TEMPORARY STRIPING AND TRAFFIC CONTROL METHODS TO INCLUDE LANE SHIFT SIGNAGE, TRAFFIC CONTROL BARRELS AND OTHER MEASURES PROVIDED IN MUTCD.
 2. MILL AND RECONSTRUCT PAVEMENT WITH 8" CRUSHER RUN BASE AND ASPHALT BINDER.
 3. TEMPORARY STRIPING FOR PHASE 3 LANE SHIFT.
 4. NO WORK IN INTERSECTION UNTIL FINAL PHASE.



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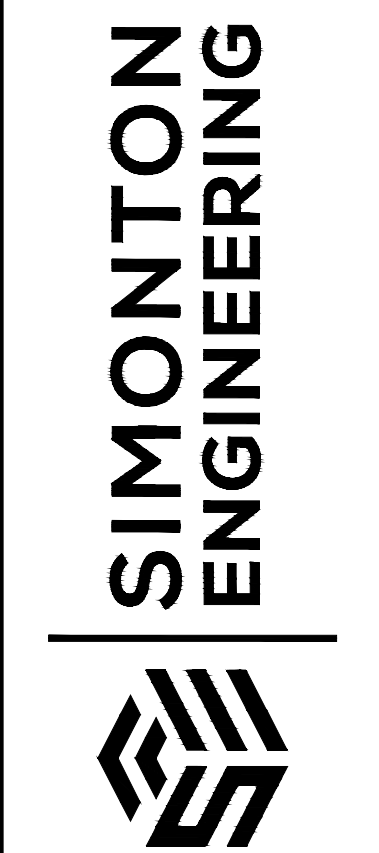
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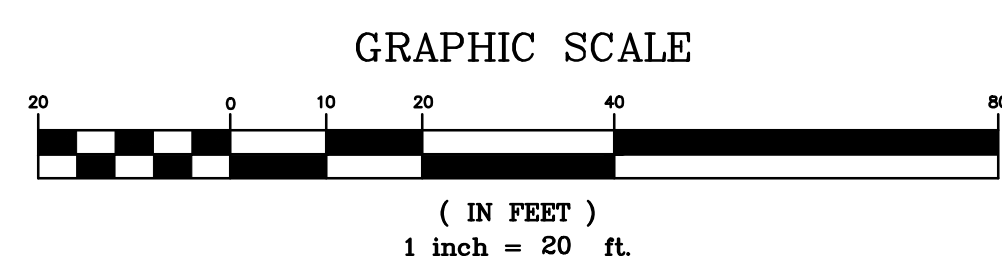
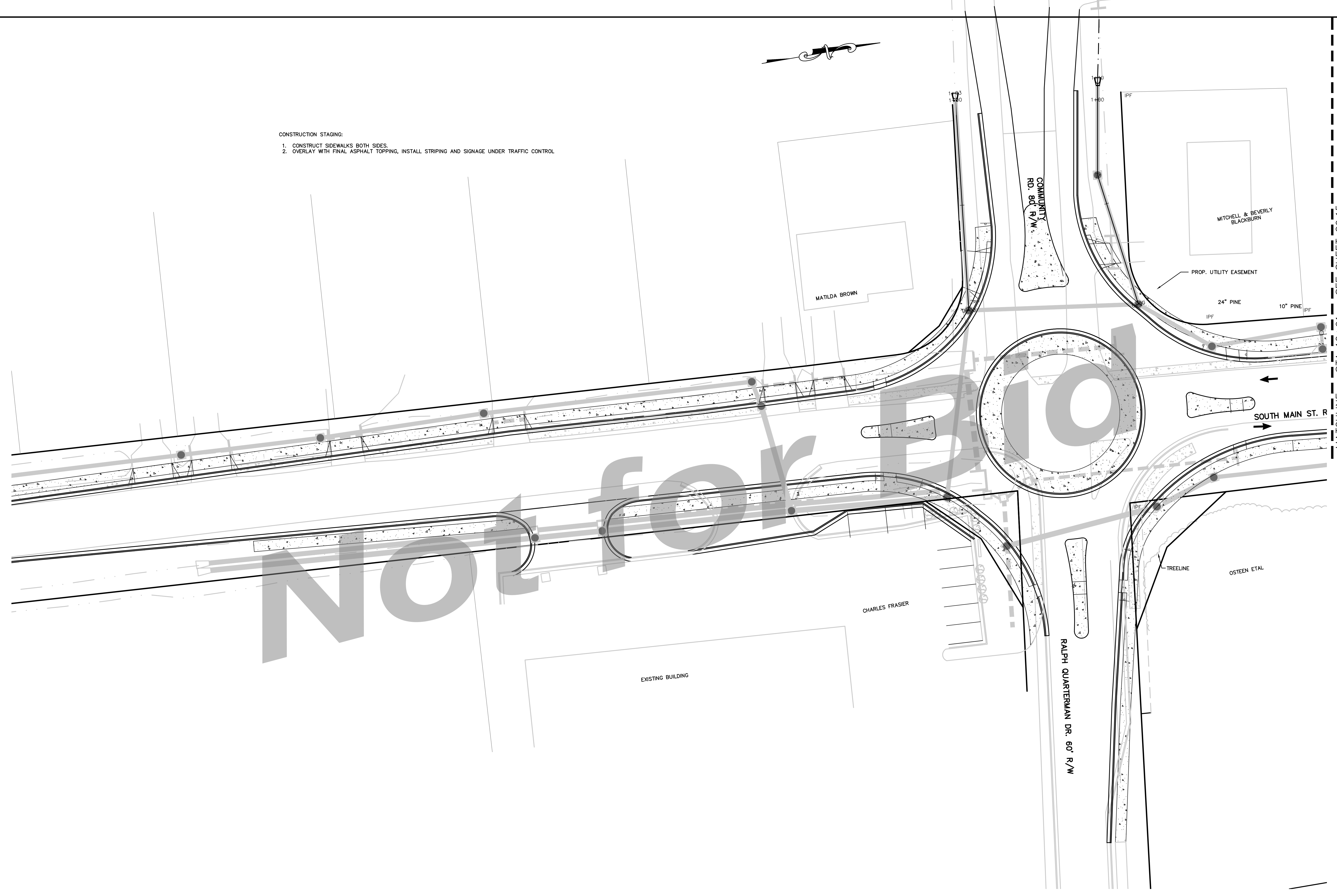
South Main Street Widening
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Liberty County, Georgia

Stage 2 Plan

DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.13

CONSTRUCTION STAGING:

1. CONSTRUCT SIDEWALKS BOTH SIDES.
2. OVERLAY WITH FINAL ASPHALT TOPPING, INSTALL STRIPING AND SIGNAGE UNDER TRAFFIC CONTROL.



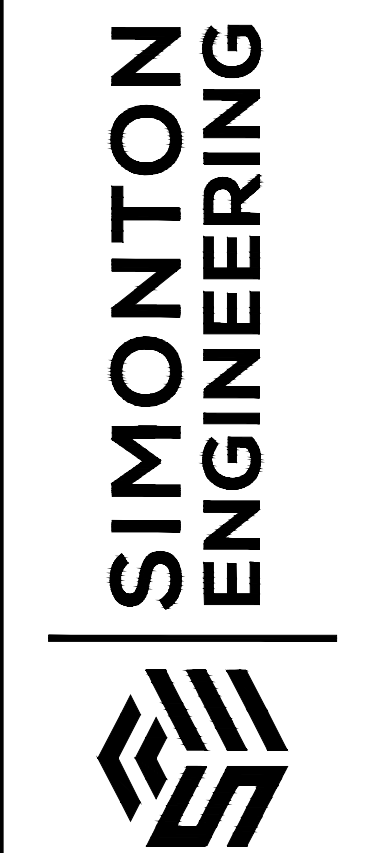
MATCHLINE - STA 10+91 - SEE SHEET C9.15 DRAWING COMPLETED BY:

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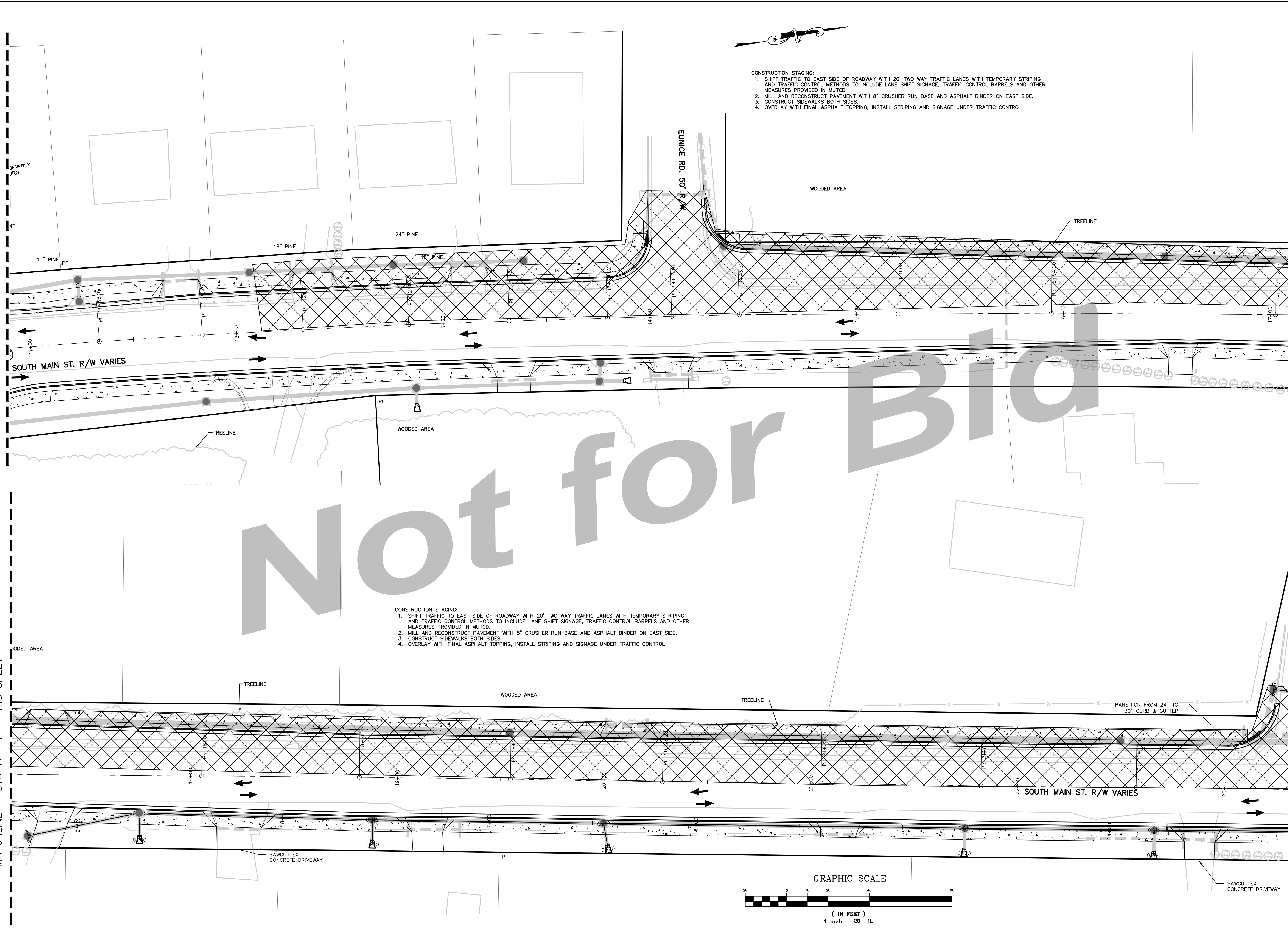
Stage 3 Plan
 DATE: August 17, 2020
 FILE NO: 2010-45PRJ
 SHEET: C9.1.4

MATCHLINE - STA 10+91 - SEE SHEET C9.14

MATCHLINE - STA 17+14 - THIS SHEET

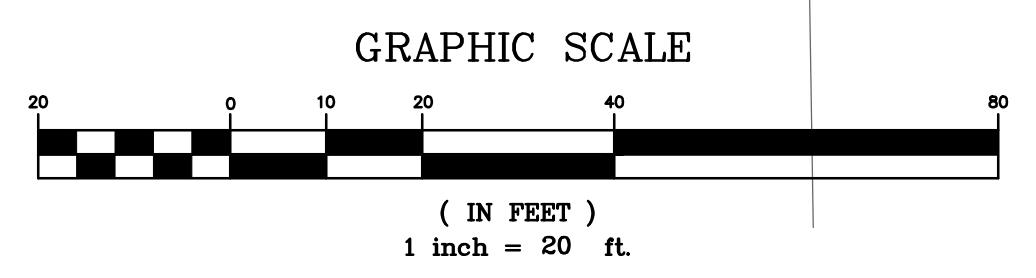
MATCHLINE - STA 17+14 - THIS SHEET

MATCHLINE - STA 23+32 - SEE SHEET C9.16



- CONSTRUCTION STAGING:
1. SHIFT TRAFFIC TO EAST SIDE OF ROADWAY WITH 20' TWO WAY TRAFFIC LANES WITH TEMPORARY STRIPING AND TRAFFIC CONTROL METHODS TO INCLUDE LANE SHIFT SIGNAGE, TRAFFIC CONTROL BARRELS AND OTHER MEASURES PROVIDED IN MUTCD.
 2. MILL AND RECONSTRUCT PAVEMENT WITH 8" CRUSHER RUN BASE AND ASPHALT BINDER ON EAST SIDE.
 3. CONSTRUCT SIDEWALKS BOTH SIDES.
 4. OVERLAY WITH FINAL ASPHALT TOPPING, INSTALL STRIPING AND SIGNAGE UNDER TRAFFIC CONTROL.

- CONSTRUCTION STAGING:
1. SHIFT TRAFFIC TO EAST SIDE OF ROADWAY WITH 20' TWO WAY TRAFFIC LANES WITH TEMPORARY STRIPING AND TRAFFIC CONTROL METHODS TO INCLUDE LANE SHIFT SIGNAGE, TRAFFIC CONTROL BARRELS AND OTHER MEASURES PROVIDED IN MUTCD.
 2. MILL AND RECONSTRUCT PAVEMENT WITH 8" CRUSHER RUN BASE AND ASPHALT BINDER ON EAST SIDE.
 3. CONSTRUCT SIDEWALKS BOTH SIDES.
 4. OVERLAY WITH FINAL ASPHALT TOPPING, INSTALL STRIPING AND SIGNAGE UNDER TRAFFIC CONTROL.



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South Main Street Widening
for
The City of Hinesville
Liberty County, Georgia

Stage 3 Plan

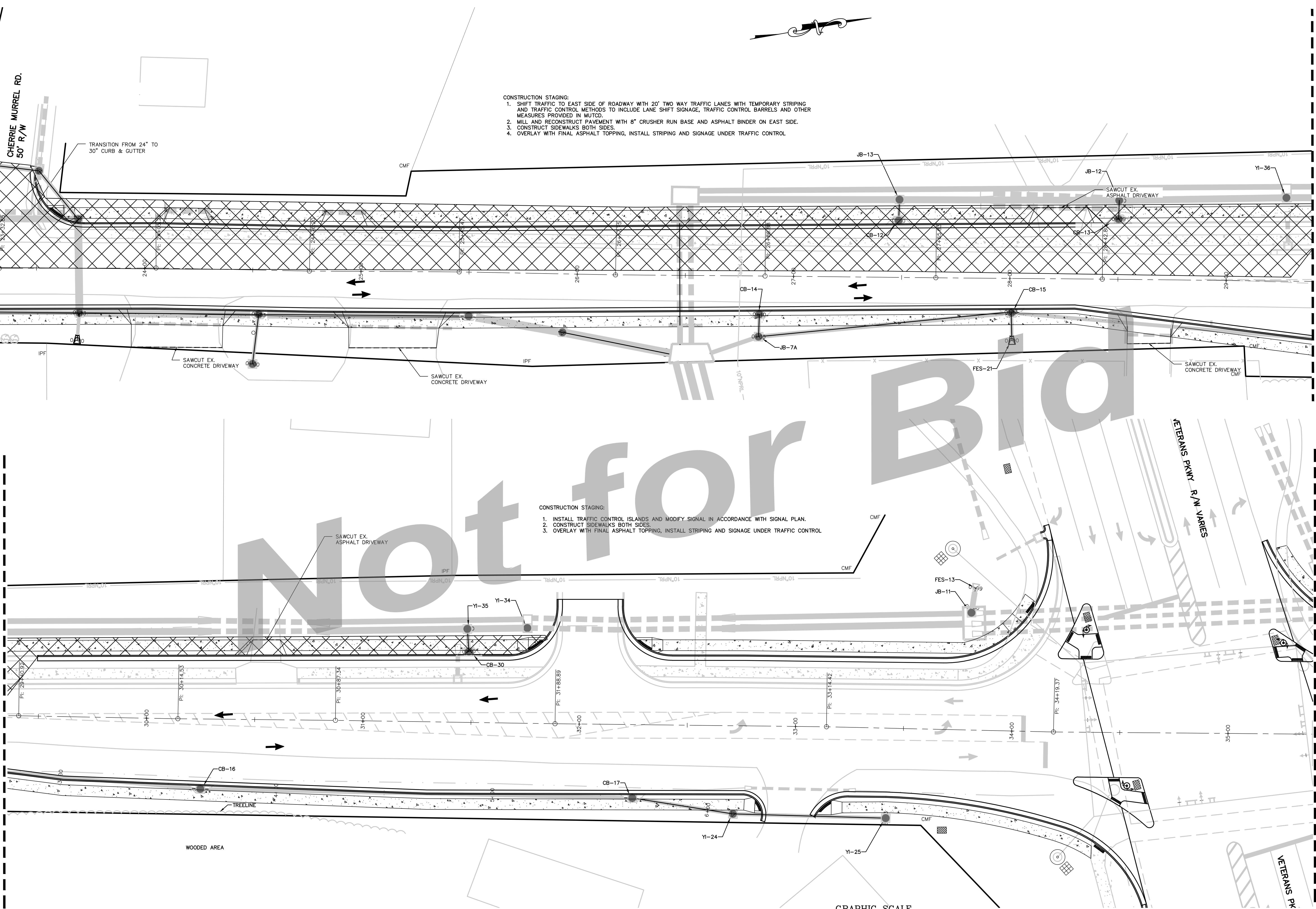
DATE: August 17, 2020
FILE NO: 2010-45PRJ
SHEET: C9.15

MATCHLINE - STA 23+32 - SEE SHEET C9.15

MATCHLINE - STA 29+36 THIS SHEET

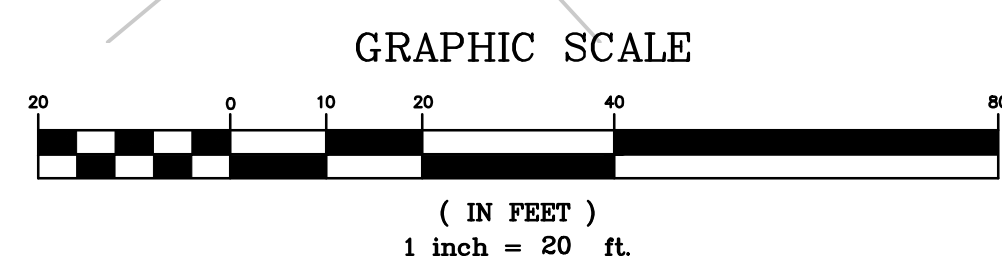
MATCHLINE - STA 29+36 THIS SHEET

MATCHLINE - STA 35+39 - SEE SHEET C9.17



- CONSTRUCTION STAGING:
1. SHIFT TRAFFIC TO EAST SIDE OF ROADWAY WITH 20' TWO WAY TRAFFIC LANES WITH TEMPORARY STRIPING AND TRAFFIC CONTROL METHODS TO INCLUDE LANE SHIFT SIGNAGE, TRAFFIC CONTROL BARRELS AND OTHER MEASURES PROVIDED IN MUTCD.
 2. MILL AND RECONSTRUCT PAVEMENT WITH 8" CRUSHER RUN BASE AND ASPHALT BINDER ON EAST SIDE.
 3. CONSTRUCT SIDEWALKS BOTH SIDES.
 4. OVERLAY WITH FINAL ASPHALT TOPPING, INSTALL STRIPING AND SIGNAGE UNDER TRAFFIC CONTROL.

- CONSTRUCTION STAGING:
1. INSTALL TRAFFIC CONTROL ISLANDS AND MODIFY SIGNAL IN ACCORDANCE WITH SIGNAL PLAN.
 2. CONSTRUCT SIDEWALKS BOTH SIDES.
 3. OVERLAY WITH FINAL ASPHALT TOPPING, INSTALL STRIPING AND SIGNAGE UNDER TRAFFIC CONTROL.



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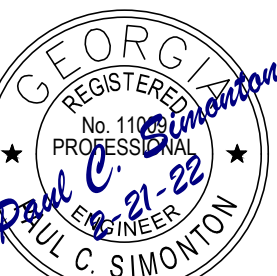
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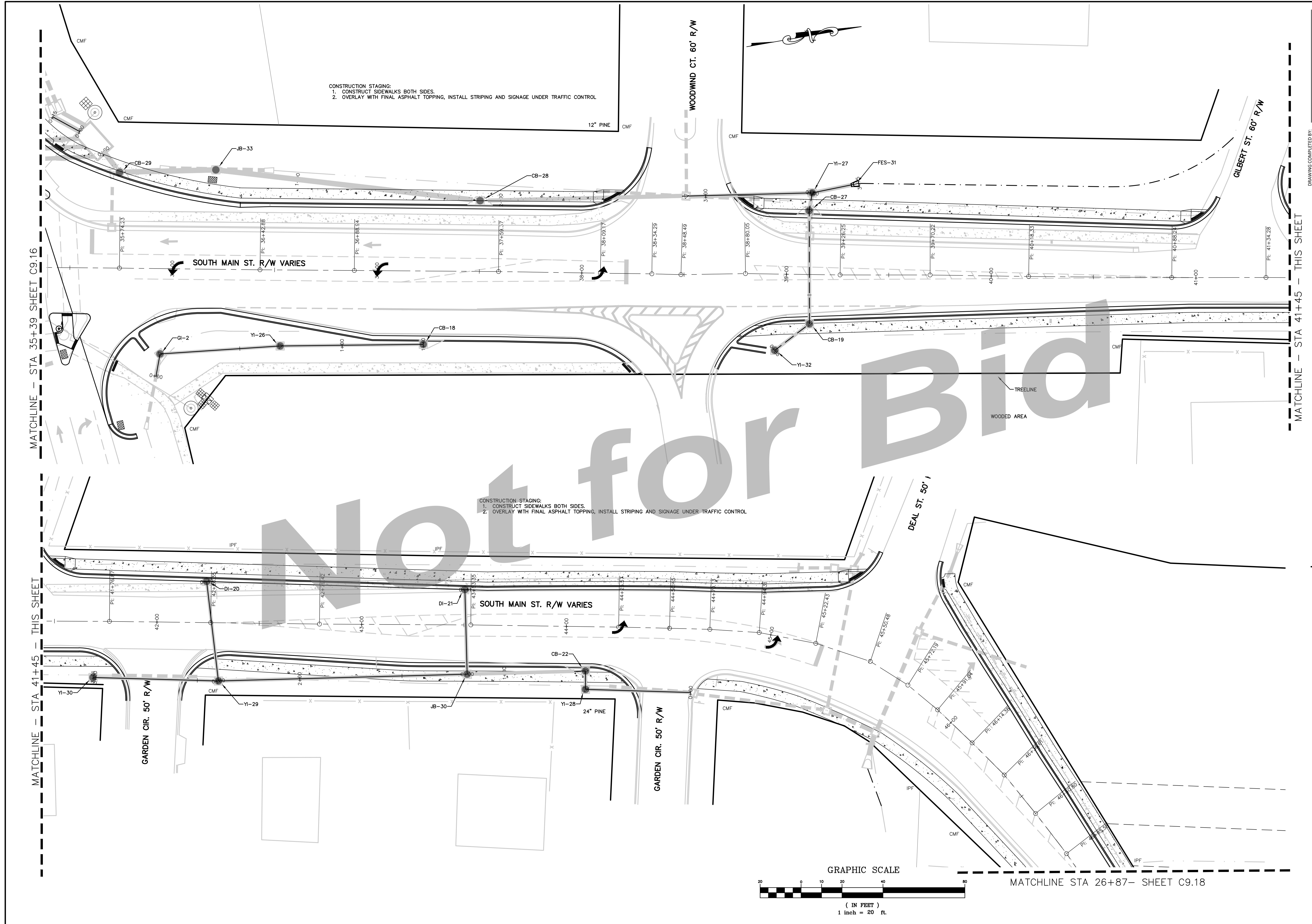
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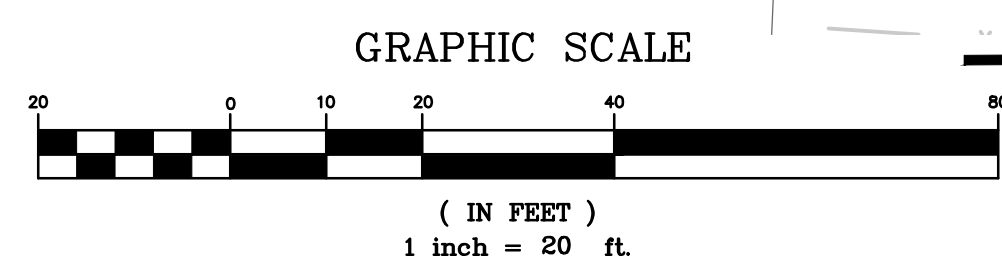


MATCHLINE - STA 35+39 SHEET C9.16

MATCHLINE - STA 41+45 - THIS SHEET

MATCHLINE - STA 41+45 - THIS SHEET

MATCHLINE STA 26+87- SHEET C9.18



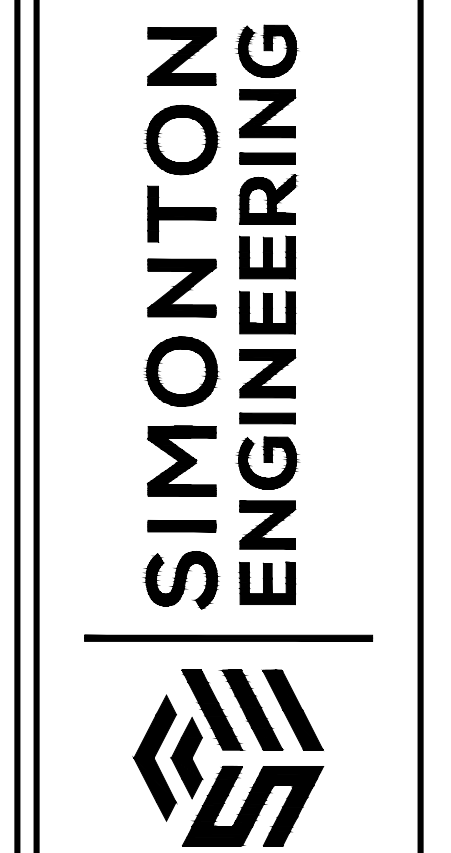
CONSTRUCTION STAGING:
 1. CONSTRUCT SIDEWALKS BOTH SIDES.
 2. OVERLAY WITH FINAL ASPHALT TOPPING, INSTALL STRIPING AND SIGNAGE UNDER TRAFFIC CONTROL

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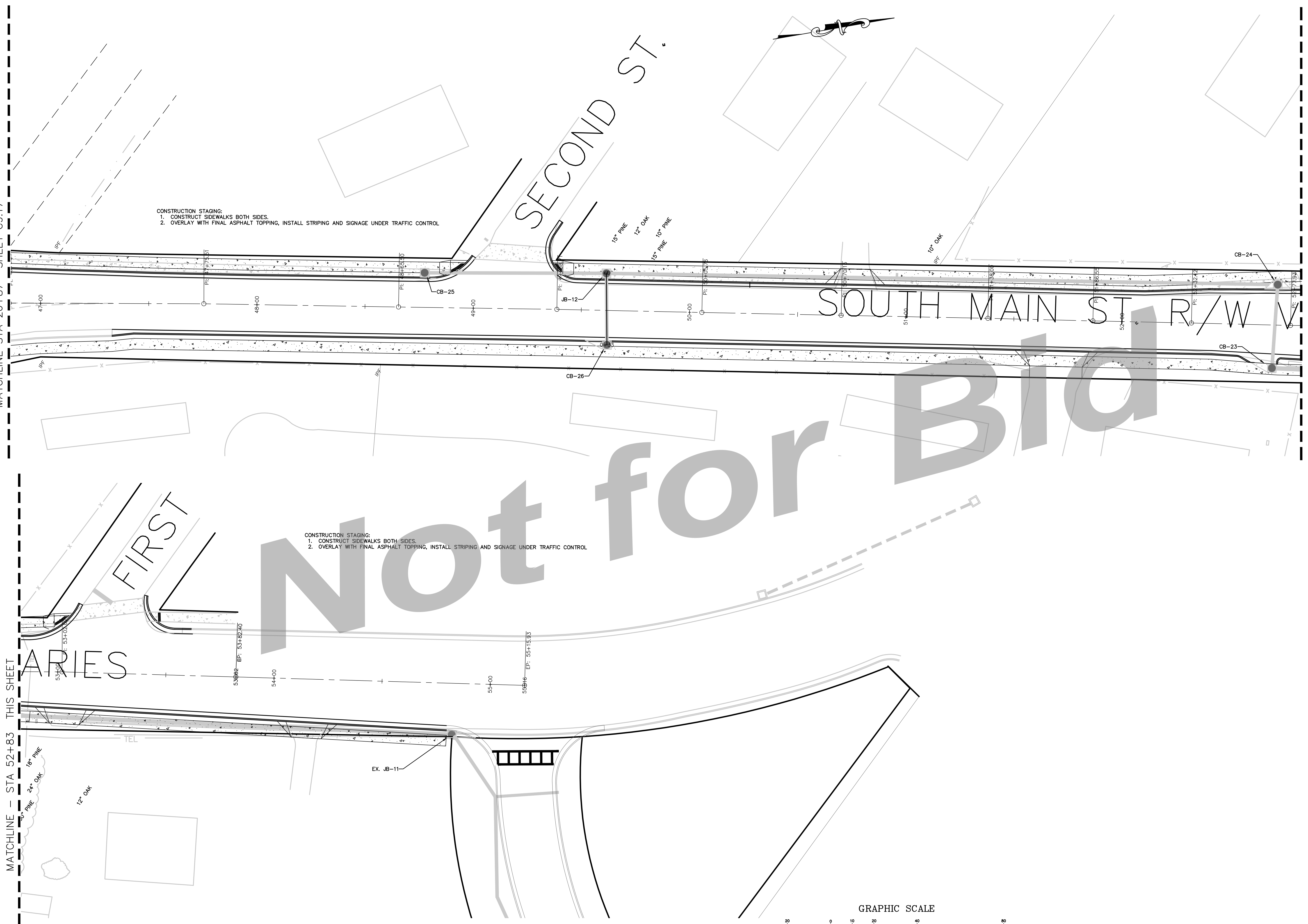


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Stage 3 Plan
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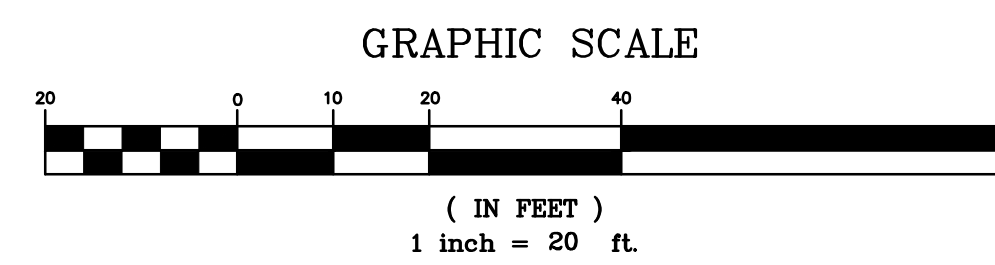
MATCHLINE STA 26+87 - SHEET C9.17

MATCHLINE - STA 52+83 THIS SHEET



END STAGE 3 PLAN

MATCHLINE - STA 52+83 THIS SHEET



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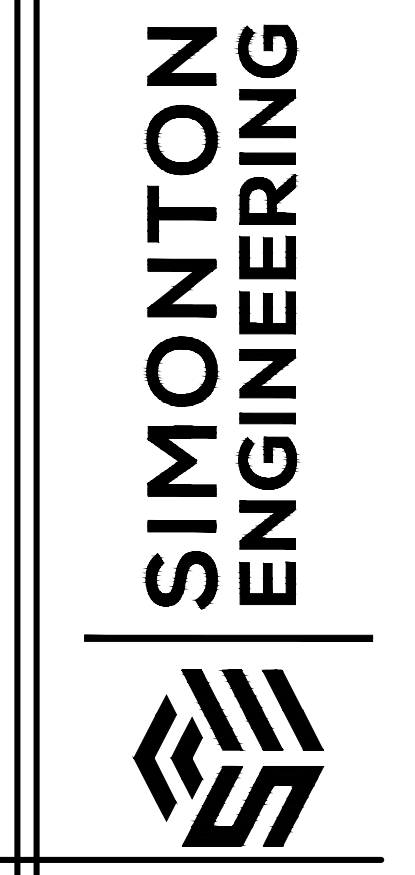
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