

CIVIL CONSTRUCTION DOCUMENTS

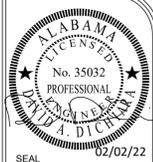
FOR

CITY OF FOLEY

COUNTY ROAD 12 WIDENING

COUNTY ROAD 12

FOLEY, ALABAMA

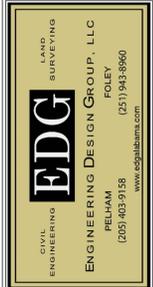


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 DATE: February 2, 2022

PROJECT LOCATION:
 CITY OF FOLEY
 FOLEY, ALABAMA
 SHEET TITLE:
 COVER SHEET

PROJECT:
 CITY OF FOLEY COUNTY ROAD
 12 WIDENING



SHEET NO.
C1

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VICINITY MAP
 N.T.S.

CITY OF FOLEY
 MAYOR RALPH HELLMICH
 COUNCIL PRESIDENT J. WAYNE TRAWICK, DISTRICT 1
 VERA QUAITES, DISTRICT 2
 RICHARD DAYTON, DISTRICT 3
 C. RICK BLACKWELL, DISTRICT 4
 CHARLES J. EBERT, III, DISTRICT 5

ADMINISTRATIVE APPROVAL:

CHAD CHRISTIAN, P.E. _____ DATE _____
 CITY ENGINEER

ENGINEER OF RECORD:
 _____ DATE 2/2/2022
 DAVID DICHIARA, P.E. _____
 AL PROFESSIONAL REGISTRATION NO. 35032

OWNER CITY OF FOLEY 200 N. ALSTON STREET FOLEY, ALABAMA (251) 970-1104 CONTACT: CHAD CHRISTIAN, P.E.	CIVIL ENGINEER ENGINEERING DESIGN GROUP, LLC 21106 US HIGHWAY 98 FOLEY, AL 36535 (251) 943-8960 CONTACT: DAVID DICHIARA, P.E.	SURVEYOR ENGINEERING DESIGN GROUP, LLC 21106 US HIGHWAY 98 FOLEY, AL 36535 (251) 943-8960 CONTACT: CRAIG JOHNSON, P.L.S.	GEOTECHNICAL ENGINEER GEOCON ENGINEERING & MATERIALS TESTING, INC. 22885 MCAULIFFE DRIVE ROBERSTDALE, AL 36567 (251) 947-1035 CONTACT: DAVID R. MCKEE, P.E.
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GENERAL NOTES:

- 1. ALL NECESSARY PERMITS AND APPROVALS FROM AGENCIES GOVERNING THIS WORK SHALL BE SECURED PRIOR TO BEGINNING CONSTRUCTION.
2. ALL CONSTRUCTION SHOWN ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE PLANS FOR THIS PROJECT AND SHALL CONFORM TO ALL CODES, ORDINANCES, RESTRICTIONS, AND STANDARDS OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THE SITE.
3. ALL TRENCHES EXCAVATED UNDER PAVEMENT SHALL BE BACKFILLED WITH STONE.
4. CONTRACTOR SHALL COORDINATE THE INSTALLATION, ADJUSTMENT OR RELOCATION OF ALL UTILITIES WITH THE APPROPRIATE UTILITY COMPANIES AND HIS WORK.
5. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS AND BENCHMARKS.
6. EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO LAND DISTURBING ACTIVITIES.
7. JOB SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
8. THE LIMITS OF DISTURBANCE SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS.
9. IN THE EVENT THAT A CONFLICT ARISES BETWEEN THE SITE CONSTRUCTION DRAWINGS AND FIELD CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL NOT PROCEED WITH CONSTRUCTION OF ANY AREA WHERE A CONFLICT HAS BEEN DISCOVERED UNTIL SUCH TIME AS THE CONFLICT HAS BEEN CLEARLY RESOLVED.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PROTECTIVE DEVICES, TRAFFIC CONTROL, AND FOR THE IMPLEMENTATION OF ALL SAFETY MEASURES INCLUDING, BUT NOT LIMITED TO: THE PROTECTION OF LIFE, PROPERTY, AND SITE IMPROVEMENTS: THE PROTECTION OF EXISTING UTILITY LINES AND STRUCTURES; AND THE PROVISION AND COORDINATION OF ALL TEMPORARY TRAFFIC CONTROL EFFORTS AND MEASURES.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SMOOTH TRANSITION BETWEEN ALL NEW CONSTRUCTION AND ALL EXISTING CONDITIONS.
12. ALL CONSTRUCTION TO MEET OSHA SAFETY GUIDELINES. SAID SAFETY PROCEDURES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
13. DO NOT SCALE CRITICAL DIMENSIONS FROM THIS DRAWING, CONTACT ENGINEER FOR SPECIFIC CLARIFICATIONS NEEDED.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROPER TRAFFIC CONTROL FOR PUBLIC SAFETY IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.

SITE NOTES:

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PLANS, AND SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL CODES.
2. TOPOGRAPHIC SURVEY PROVIDED BY ENGINEERING DESIGN GROUP, LLC.
3. ALL DIMENSIONS AND RADII ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OF DAMAGE TO ANY EXISTING IMPROVEMENT, ONSITE OR OFFSITE, SUCH AS PAVEMENT, UTILITIES, STORM DRAINAGE, ETC.
5. ANY UNANTICIPATED CONDITIONS ENCOUNTERED DURING THE CONSTRUCTION PROCESS SHALL BE IDENTIFIED TO THE OWNER/ENGINEER IMMEDIATELY.
6. ALL CONCRETE SHALL HAVE A MINIMUM OF 3,000 PSI @ 28 DAY COMPRESSIVE STRENGTH UNLESS STATED OTHERWISE. REFERENCE PLAN AND DETAILS

GRADING NOTES:

- 1. A PROJECT SPECIFIC GEOTECHNICAL REPORT HAS BEEN COMPLETED AND IS AVAILABLE FOR THE CONTRACTOR FOR REVIEW.
2. CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS.
3. GRADED OR DISTURBED AREAS, THAT ARE NOT OTHERWISE PERMANENTLY STABILIZED, SHALL HAVE A MINIMUM OF 4" OF TOPSOIL IF REQUIRED BY FIELD CONDITIONS.
4. GRADES SHOWN ARE FINISHED PAVEMENT & TOP OF SOIL GRADE ELEVATIONS, REFERENCE SECTIONS & DETAILS.
5. THE CONTRACTOR SHALL CALL APPROPRIATE UTILITY REPRESENTATIVES 48 HOURS PRIOR TO EXCAVATION IN AREAS WHERE UTILITIES MAY EXIST.
6. THE CONTRACTOR SHALL ASSUME THAT EXCESS MATERIAL SHOULD BE REMOVED FROM AND LEGALLY DISPOSED OF OFF THE PROJECT SITE AT THE CONTRACTOR'S EXPENSE.
7. NO SLOPES SHALL BE STEEPER THAN 2-HORIZONTAL TO 1-VERTICAL, UNLESS OTHERWISE NOTED ON THE PLAN OR APPROVED BY THE ENGINEER.
8. THE STRUCTURAL FILL AT THE SITE TO BE COMPOSED OF SOIL AS SPECIFIED BY THE GEOTECHNICAL ENGINEER.
9. WHEN ALL GRADING IS COMPLETED, CONTRACTOR WILL FURNISH AT NO EXTRA COST A TRIAXLE DUMP TRUCK HEADED FULL WITH ALABAMA HIGHWAY DEPARTMENT TYPE B CRUSHED STONE AGGREGATE TO BE USED TO PROOF ROLL SUBGRADE.

- 10. THE OWNER WILL PROVIDE GEOTECHNICAL TESTING. THE CONTRACTOR SHALL FULLY COOPERATE WITH THE MATERIALS TESTING ENGINEERS RELATIVE TO SOIL COMPACTION, CUTTING AND FILLING OPERATIONS, ETC.
11. SITE PREPARATION - THE FIRST CONSTRUCTION PHASE SHOULD CONSIST OF THE REMOVAL OF ALL VEGETATION, TOPSOIL, ORGANIC MATTER, AND ANY OTHER DELETERIOUS MATERIALS THAT FALL WITHIN THE CONSTRUCTION AREA.
12. CONTRACTOR IS TO COORDINATE WITH THE GEOTECHNICAL ENGINEER AND THEIR ON-SITE TESTING AGENT THROUGHOUT CONSTRUCTION TO ADDRESS EARTHWORK ISSUES AND FOR GEOTECHNICAL DIRECTIONS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ANY AND ALL EXISTING ITEMS TO REMAIN TO THE PROPOSED FINISHED GRADE (UNLESS OTHERWISE NOTED IN THE PLAN).
14. ALL STORM SEWER MANHOLES SHALL BE PRECAST AND MEET THE SPECIFICATION OF ASTM C76.
15. PIPE LENGTHS AND SLOPES ARE APPROXIMATE. PIPE LENGTH ARE HORIZONTAL PROJECTIONS AND ARE MEASURED FROM THE CENTER OF THE STRUCTURE.

STORM DRAINAGE NOTES:

- 1. STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP), CONFORMING TO ASTM C-76, B OR C WALL, CLASS III (UNLESS OTHERWISE NOTED IN THE PLAN).
2. BOX CULVERTS SHALL BE PRECAST PER ALDOT STANDARDS OR CAST IN PLACE IF APPROVED BY ENGINEER.
3. ALL PIPE ENTERING STORM SEWER STRUCTURES SHALL BE GROUTED TO ASSURE THE CONNECTION AT THE STRUCTURE IS WATER TIGHT.
4. ALL STORM SEWER MANHOLES SHALL BE PRECAST AND MEET THE SPECIFICATION OF ASTM C76.
5. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH THE PAVEMENT AND SHALL HAVE TRAFFIC BEARING LIDS.
6. ALL STORM SEWER MANHOLE LIDS SHALL BE LABELED "STORM SEWER"
7. ALL STORM DRAINAGE PIPE AND STRUCTURES SHALL BE CLEANED OF SILT, TRASH AND DEBRIS PRIOR TO DEMOBILIZATION FROM SITE.
8. CONTRACTOR IS TO BEGIN STORM DRAINAGE CONSTRUCTION FROM THE MOST DOWN STREAM POINT OF THE SYSTEM.
9. ALL HEADWALLS SHALL BE PER ALDOT STANDARD HIGHWAY DWGS.
10. INLETS ON 42" OR LARGER PIPE SHALL HAVE CONCRETE RISERS.
11. STORM SEWER CROSSINGS UNDER STREETS TO BE SOLID STONE BACKFILL WITH WEEP HOLES TO INLETS.
12. ALL STORM PIPE INSTALLED WITH LESS THAN 3 FT. OF COVER SHALL BE BACK FILLED WITH STONE.
13. ALL STORM MANHOLES IN GRASSED AREAS SHALL BE FLUSH WITH FINISHED GRADE.
14. ALL DRAINAGE STRUCTURES MAY BE PRE-CAST, OR APPROVED ALTERNATE, IF APPROVED BY ENGINEER.
15. PIPE LENGTHS AND SLOPES ARE APPROXIMATE. PIPE LENGTH ARE HORIZONTAL PROJECTIONS AND ARE MEASURED FROM THE CENTER OF THE STRUCTURE.

SEDIMENT AND EROSION CONTROL NOTES:

- 1. THE SITE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SUITABLE EROSION SEDIMENT CONTROL DEVICES ON SITE DURING CONSTRUCTION AS REQUIRED TO PREVENT SILT FROM LEAVING THE SITE.
2. THE CONTRACTOR SHALL PREVENT THE ESCAPE OF SEDIMENT FROM THE SITE BY INSTALLING EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
3. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES.
4. ALL EROSION CONTROL MEASURES SHALL MEET THE GUIDELINES SET FORTH IN THE CITY AND LOCAL EROSION CONTROL GUIDELINES AS A MINIMUM.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ALL GRADING AND OTHER LAND DISTURBING ACTIVITIES.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE CLEANUP AND REMOVAL OF ANY BUILDUP OF SEDIMENT WHICH ESCAPES FROM THE SITE.
7. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM THE SITE (IF NOT REUSABLE ON SITE) AND FOR CORRECTING HORIZONTAL AND VERTICAL ALIGNMENT OF SLOPES & DITCHES, IF NECESSARY AT THE COMPLETION OF CONSTRUCTION.
8. CONTRACTOR IS RESPONSIBLE FOR CLEANING SILT AND DEBRIS OUT OF ALL STORM DRAINAGE STRUCTURES UPON THE COMPLETION OF CONSTRUCTION.
9. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION CONTROL MEASURES AFTER CONSTRUCTION IS COMPLETE AND ALL DISTURBED AREAS HAVE BEEN STABILIZED.
10. A COPY OF THE NPDES PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
11. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS OR OTHER APPROPRIATE MEANS.
12. FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES MAY RESULT IN CONSTRUCTION DELAYS DUE TO REGULATORY INTERVENTION AND SHALL NOT CONSTITUTE A EXTENSION OF CONSTRUCT TIME.
13. ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL CONFORM TO THE LATEST EROSION AND SEDIMENTATION CONTROL GUIDANCE, PUBLISHED BY ADEM.
14. EROSION CONTROL MEASURES TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES. MEASURES SHALL BE INSTALLED ON CONTOUR TO THE EXTENT THAT IS PRACTICAL.
15. SOME ADDITIONAL EROSION CONTROL DEVICES MAY BE REQUIRED BY THE PROJECT ENGINEER AND/OR THE LOCAL INSPECTOR.

- 16. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING THE PROPERTY LIMITS.
17. OTHER THAN LAND CLEARING ACTIVITIES REQUIRED TO INSTALL THE APPROPRIATE BMP DEVICES, ANY DOWNSLOPE EROSION AND SEDIMENT CONTROL MEASURES, ON-SITE STREAM CHANNEL PROTECTION AND UPSLOPE DIVERSION OF DRAINAGE REQUIRED BY THE BMP PLAN SHALL BE IN PLACE AND FUNCTIONAL BEFORE ANY CLEARING OR EARTH-MOVING OPERATIONS BEGIN.
18. CONTRACTOR TO PROVIDE TEMPORARY GROUND COVER FOR ALL AREAS WITH EXPOSED SOIL WHICH WILL NOT BE DISTURBED BY GRADING OPERATIONS FOR A PERIOD OF 13 DAYS OR MORE.
19. ADEQUATE PROTECTIVE MEASURES SHALL BE PROVIDED FOR THE CONTAINMENT OF HAZARDOUS SUBSTANCES AND ANY OTHER MATERIALS WHICH MAY POLLUTE.
20. ALL CONTROL MEASURES SHALL BE CHECKED, AND REPAIRED AS NECESSARY, MONTHLY IN DRY PERIODS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY 0.75 INCH RAINFALL.
21. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY LAND DISTURBANCE PERMITS FOR THIS PROJECT AND PROVIDE REQUIRED MONITORING AND TESTING.
22. SLOPE STABILIZATION MAT SHALL BE USED AS DEPICTED BY THE EROSION CONTROL PLANS.
23. THE CONTRACTOR SHALL KEEP A LOG OF QUANTITY OF ALL SEDIMENT MATERIALS THAT ARE REMOVED FROM THE PROJECT EROSION AND SEDIMENT CONTROL DEVICES.

WATER NOTES:

- 1. REFERENCE GENERAL NOTES (THIS SHEET) AND DRAWINGS.
2. ALL DOMESTIC AND IRRIGATION SERVICE LINES SHALL BE PER RIVIERA UTILITIES.
3. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
4. SITE CONTRACTOR SHALL COORDINATE TAPS WITH RIVIERA UTILITIES.
5. MINIMUM COVER FOR ALL WATER MAINS SHALL BE 3' MINIMUM OR AS REQUIRED BY LOCAL THE AUTHORITY.
6. WATER MAIN INSTALLATION SHALL BE TESTED IN ACCORDANCE WITH RIVIERA UTILITIES REQUIREMENTS.
7. THE CONTRACTOR SHALL MEET WITH THE RIVIERA UTILITIES' INSPECTORS A MINIMUM OF 24 HOURS PRIOR TO COMMENCING UTILITY WORK.
8. WHEN UTILITIES ARE INSTALLED PARALLEL TO EACH OTHER, THE CONTRACTOR SHALL MAINTAIN A 5' HORIZONTAL AND 2' VERTICAL SEPARATION BETWEEN WATER SERVICE AND OTHER UTILITIES.
9. PIPE SIZES 3" AND SMALLER SHALL BE TYPE "K" COPPER OR OTHER MATERIAL SPECIFIED BY RIVIERA UTILITIES STANDARDS.
10. SMALL DIAMETER LINES THAT EXTEND UNDER ROADWAYS OR DRIVEWAYS SHALL BE PLACED INSIDE AN APPROVED CASING WITH ENDS SEALED WITH SPRAY FOAM.
11. PIPE SIZES 4" AND LARGER SHALL BE DIP (CL 350) UNLESS NOTED OTHERWISE.

RIVIERA UTILITIES - WATER MAIN HYDROSTATIC TESTING

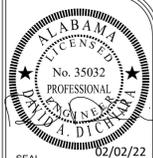
- A. GENERAL - AFTER THE PIPE HAS BEEN LAID AND BACKFILLED AS SPECIFIED AND BEFORE ANY SERVICE TAPS INSTALLED, ALL NEWLY LAID PIPE, OR ANY VALVED SECTION OF IT SHALL, UNLESS OTHERWISE SPECIFIED, BE SUBJECT TO HYDROSTATIC TESTING.
B. TEST PRESSURE - FOR ALL MAINS, THE TEST PRESSURE SHALL BE AT LEAST 150 PSI AT THE LOW POINT OF THE TEST SECTION.
C. PRESSURIZATION - EACH SECTION OF PIPE SHALL BE SLOWLY FITTED WITH WATER AND THE SPECIFIED TEST PRESSURE, MEASURED AT THE LOWEST POINT OF ELEVATION, SHALL BE APPLIED BY MEANS OF A PUMP CONNECTED TO THE PIPE IN A SATISFACTORY MANNER.
D. AIR REMOVAL - BEFORE APPLYING THE SPECIFIED TEST PRESSURE, AIR SHALL BE EXPELLED COMPLETELY FROM THE PIPE, VALVES, AND HYDRANTS.
E. IF PERMANENT AIR VENTS ARE NOT LOCATED AT ALL HIGH POINTS, CORPORATION STOPS SHALL BE INSTALLED AT SUCH POINTS SO THAT THE AIR CAN BE EXPELLED AS THE LINE IS FILLED WITH WATER.
F. DURATION OF PRESSURE TEST - THE DURATION OF EACH PRESSURE TEST SHALL BE SIX (6) HOURS.
G. RECORDING PRESSURE GAUGE - A PROPERLY CALIBRATED CHART RECORDING PRESSURE GAUGE SHALL BE USED DURING THE PRESSURE TEST.
H. EXAMINATION - ANY EXPOSED PIPE, FITTINGS, VALVES, HYDRANTS, AND JOINTS SHALL BE EXAMINED CAREFULLY DURING THE TEST.
I. LEAKAGE TESTING - SUITABLE MEANS SHALL BE PROVIDED FOR DETERMINING THE QUANTITY OF WATER LOST BY LEAKAGE UNDER NORMAL OPERATING PRESSURE.
L. VISIBLE LEAKS - ALL VISIBLE LEAKS SHALL BE REPAIRED, REGARDLESS OF THE AMOUNT OF LEAKAGE.
M. SCHEDULING OF TESTING - PIPE MAY BE SUBJECTED TO PRESSURE TESTING AND LEAKAGE TESTING AT ANY CONVENIENT TIME AFTER PARTIAL COMPLETION OF BACKFILL.

L = SD(P)/4 133280

WHERE:
L = ALLOWABLE LEAKAGE IN GALLONS PER HOUR
S = LENGTH OF PIPE TESTED IN FEET
P = AVERAGE TEST PRESSURE DURING THE LEAKAGE TEST, IN PSI
D = NOMINAL DIAMETER OF THE PIPE, IN INCHES

THE ALLOWABLE LEAKAGE LIMITS AS SPECIFIED WILL APPLY FOR BOTH DUCTILE IRON AND PVC PIPE.
J. LEAKAGE DEFINED - LEAKAGE IS DEFINED AS THE QUANTITY OF WATER TO BE SUPPLIED INTO THE NEWLY LAID PIPE, OR ANY VALVED SECTION OF IT, NECESSARY TO MAINTAIN PRESSURE WITHIN 3 PSI OF THE SPECIFIED LEAKAGE TEST PRESSURE AFTER THE PIPE HAS BEEN FILLED WITH WATER AND THE AIR EXPELLED.
K. ACCEPTANCE OF INSTALLATION - NO PIPE INSTALLATION WILL BE ACCEPTED UNLESS LEAKAGE IS WITHIN THE LIMITS SPECIFIED HEREIN.
L. VISIBLE LEAKS - ALL VISIBLE LEAKS SHALL BE REPAIRED, REGARDLESS OF THE AMOUNT OF LEAKAGE.
M. SCHEDULING OF TESTING - PIPE MAY BE SUBJECTED TO PRESSURE TESTING AND LEAKAGE TESTING AT ANY CONVENIENT TIME AFTER PARTIAL COMPLETION OF BACKFILL.

Professional Engineer Seal for FOLEY, ALABAMA (No. 35032, dated 02/07/22). Project information: CITY OF FOLEY COUNTY ROAD 12 WIDENING, PROJECT LOCATION: CITY OF FOLEY, ALABAMA, SHEET TITLE: GENERAL NOTES, DRAWN BY: CAW, CHECKED BY: DAD, PROJECT NO.: F-FOLE0001, CAD FILE: COVER-NOTES DWG, DATE: February 2, 2022. Logo for EDG ENGINEERING DESIGN GROUP, LLC (205) 403-9158, www.edgAlabama.com.



SEAL 02/02/22

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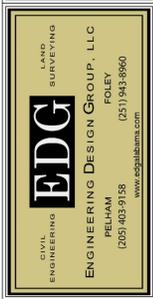
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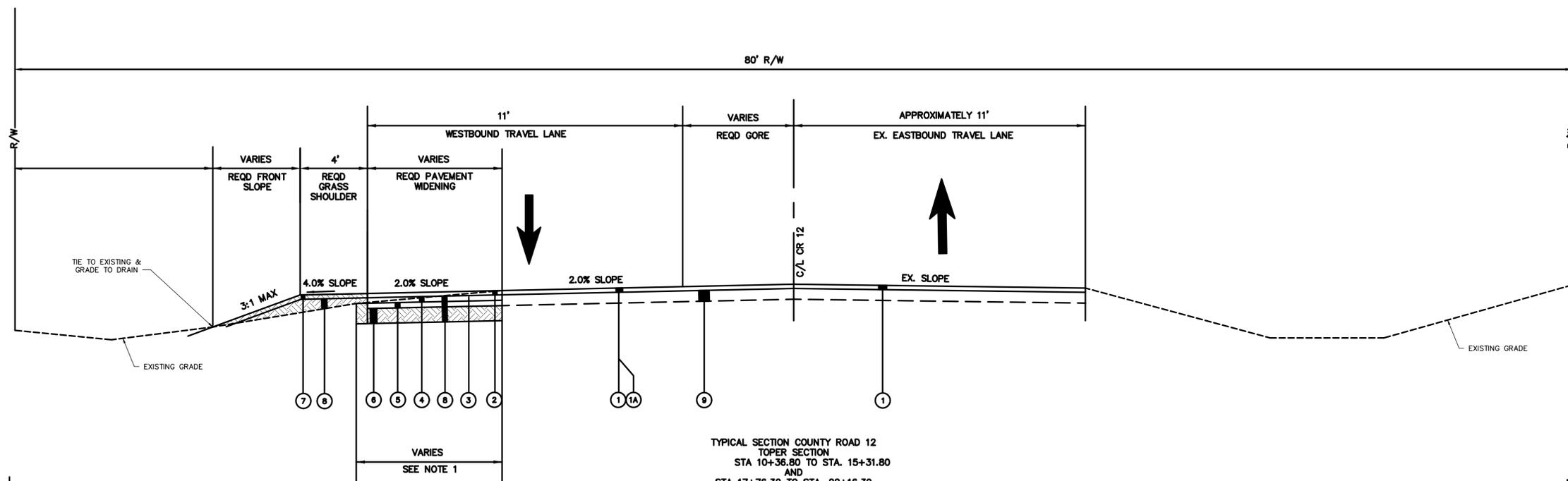
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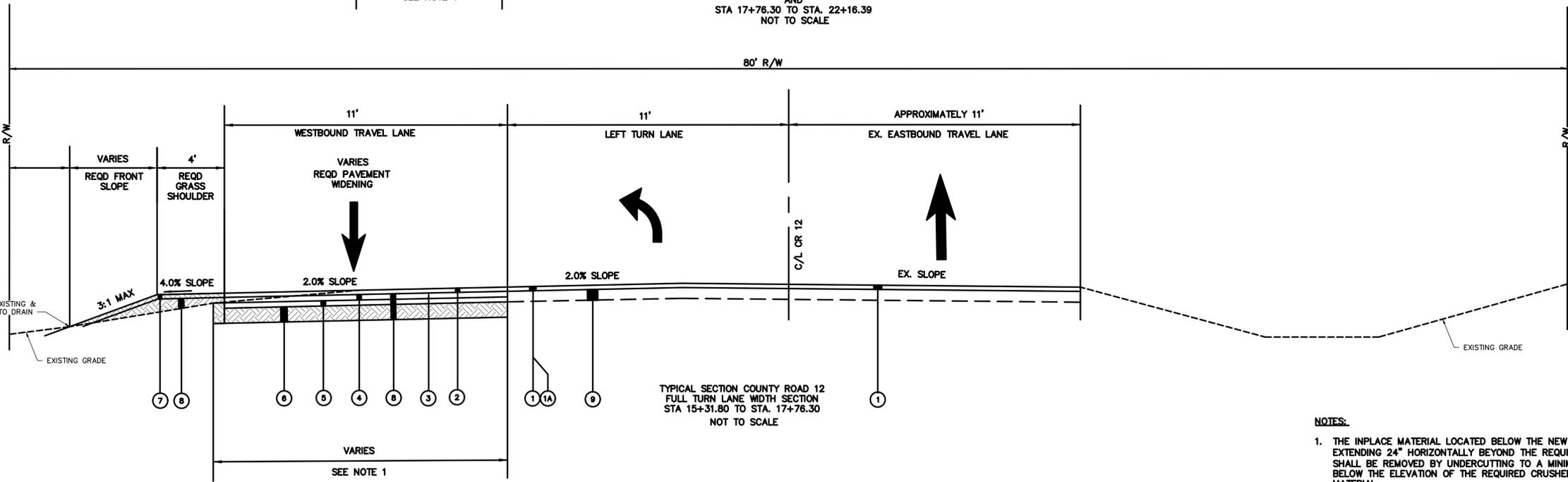
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 12 WIDENING



SHEET NO.
C3



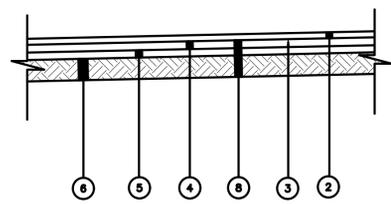
TYPICAL SECTION COUNTY ROAD 12
 TOPER SECTION
 STA 10+36.80 TO STA. 15+31.80
 AND
 STA 17+76.30 TO STA. 22+16.39
 NOT TO SCALE



TYPICAL SECTION COUNTY ROAD 12
 FULL TURN LANE WIDTH SECTION
 STA 15+31.80 TO STA. 17+76.30
 NOT TO SCALE

NOTES:

1. THE INPLACE MATERIAL LOCATED BELOW THE NEW PAVEMENT SECTION & EXTENDING 24" HORIZONTALLY BEYOND THE REQUIRED PAVEMENT EDGE SHALL BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF 18" BELOW THE ELEVATION OF THE REQUIRED CRUSHED AGGREGATE BASE MATERIAL.



ENTRANCE ASPHALT PAVING
 TYPICAL SECTION

REQUIRED MATERIALS LEGEND

- ① 1-1/2" MILL & OVERLAY REPLACE TO PROPOSED GRADE. OVERLAY WITH 1-1/2" ALDOT SECTION 424A, BITUMINOUS WEARING SURFACE
- ①A THICKNESS VARIES - ALDOT SECTION 424A, BITUMINOUS LEVELING & LAYER
- ② 1-1/2" ALDOT SECTION 424A, BITUMINOUS WEARING SURFACE (165 LB/SY)
- ③ ALDOT SECTION 405 TACK COAT
- ④ 2" ALDOT SECTION 424B, BITUMINOUS BINDER LAYER (220 LS/SY)
- ⑤ 6" ALDOT SECTION 825 CRUSHED AGGREGATE BASE (100% STANDARD DENSITY) (EXTEND 24" BEYOND OVERLAYING BINDER LAYER)
- ⑥ 18" COMPACTED SELECT FILL MEETING THE SELECT FILL SPECIFICATIONS (SEE THIS SHEET)
- ⑦ 4" MINIMUM THICKNESS TOPSOIL
- ⑧ UNCLASSIFIED EXCAVATION AND/OR SELECT FILL
- ⑨ EXISTING BITUMINOUS PAVEMENT TO REMAIN

SELECT FILL SPECIFICATION:

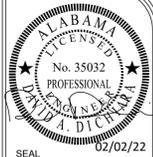
SELECT FILL SHOULD BE PLACED IN 12-INCH LOOSE LIFTS AND SHOULD BE COMPACTED 98% ASTM D-698 PROCTOR DENSITY AT MOISTURE CONTENTS WITHIN +/- 3% OF THE MATERIAL'S OPTIMAL MOISTURE CONTENT. THE FINAL 8 INCHES OF SELECT FILL SHOULD BE COMPACTED TO 100% ASTM D-698 STANDARD PROCTOR DENSITY AT MOISTURE CONTENTS WITHIN +/- OF THE MATERIAL'S OPTIMAL MOISTURE CONTENT IMMEDIATELY PRIOR TO PLACEMENT OF THE BASE COURSE.

ONCE THE SURFACE OF EACH LIFT OF SELECT FILL IS READY FOR THE NEXT LIFT, THE EXPOSED SOIL SHOULD BE MAINTAINED AT THE PLACED MOISTURE CONTENT UNTIL THE NEXT LIFT OF FILL IS PLACED. THE SURFACE OF THE LIFTS SHOULD NOT BE EXPOSED TO WEATHER FOR AN EXTENDED PERIOD OF TIME.

SELECT FILL SHOULD BE SANDY IN NATURE AND ORIGINATE FROM AN APPROVED OFF-SITE BORROW SOURCE. SELECT FILL SHOULD MEET THE FOLLOWING MINIMUM REQUIREMENTS:

1. EXHIBIT A-2-4 CLASSIFICATION ACCORDING TO THE AASHTO CLASSIFICATION SYSTEM
2. EXHIBIT SM CLASSIFICATION ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM
3. HAVE A MAXIMUM OF 25% SOIL FINES PASSING THE NO. 200 SIEVE
4. HAVE A MAXIMUM LIQUID LIMIT (LL) OF 25
5. HAVE A PLASTICITY INDEX (PI) LESS THAN 3
6. HAVE A MINIMUM STANDARD PROCTOR (ASTM D-698) MAXIMUM DRY DENSITY OF 105 PCF

IF SATURATED SUBGRADE SOILS ARE ENCOUNTERED, THE INITIAL LIFT OF FILL SHOULD CONSIST OF CLEAN SAND MATERIAL WITH LESS THAN 10% PASSING THE NO. 200 MESH SIEVE. THE INITIAL LIFT OF SAND FILL SHOULD BE PLACED IN AN 18-INCH-THICK LIFT AND COMPACTED TO 95% ASTM D-698 STANDARD COMPACTION WITH LOW GROUND PRESSURE TRACKED EQUIPMENT TO HELP PREVENT PUMPING OF THE UNDERLYING SATURATED SOILS. THE REMAINING FILL REQUIRED TO ACHIEVE FINAL SUBGRADE ELEVATIONS (IF ANY) SHOULD CONSIST OF SELECT FILL AS OUTLINED ABOVE.



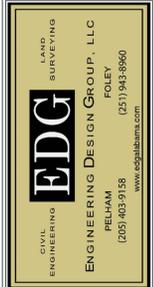
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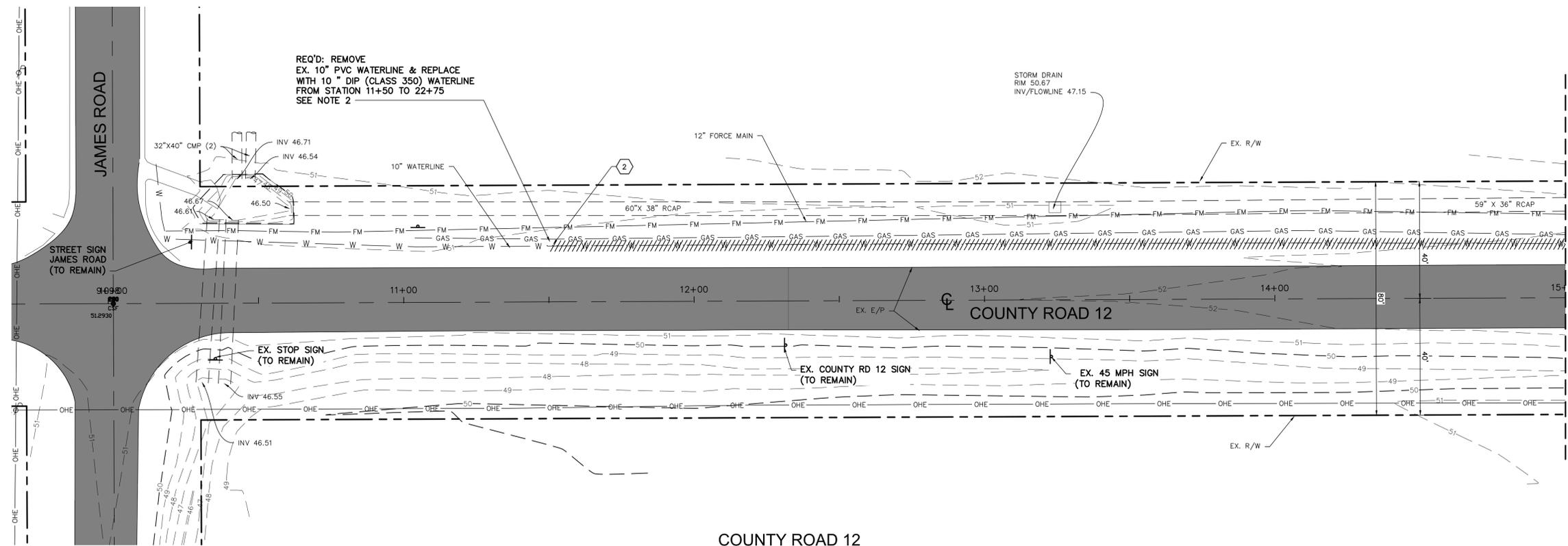
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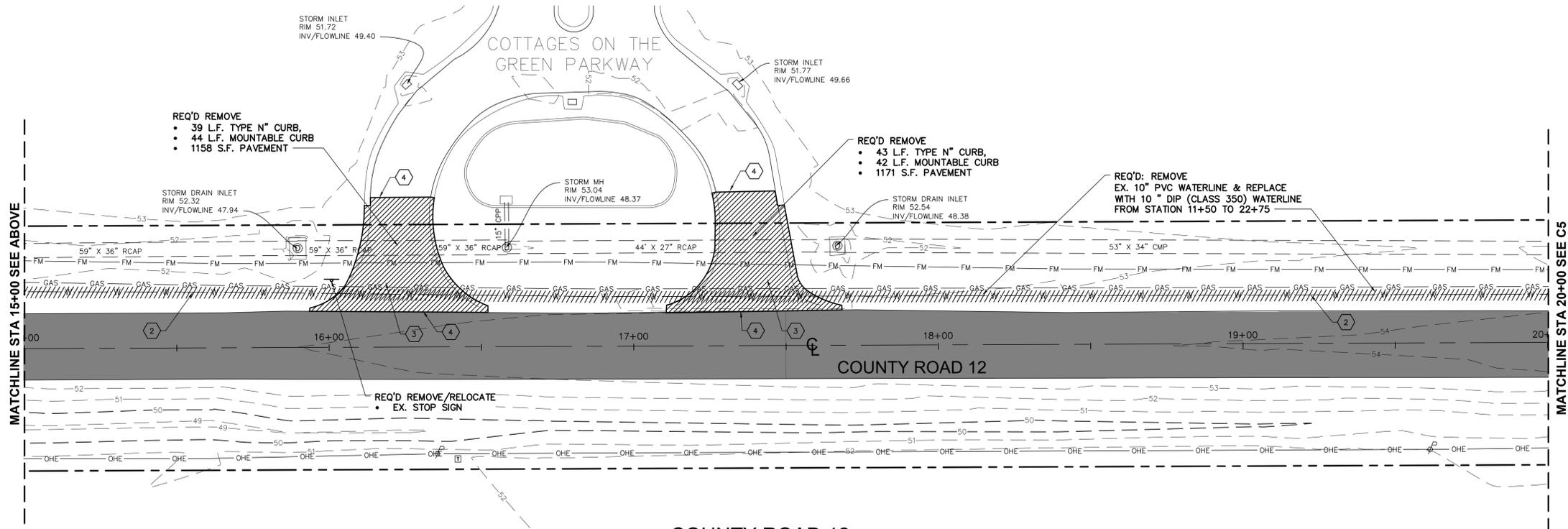
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12 WIDENING



SHEET NO.
C4

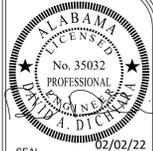


COUNTY ROAD 12
PLAN VIEW
STA. 10+00 TO STA. 15+00.00
SCALE: 1"=20'



COUNTY ROAD 12
PLAN VIEW
STA. 15+00.00 TO STA. 20+00.00
SCALE: 1"=20'

- NOTES
- 1 SEE SHEET C2 FOR GENERAL DEMOLITION NOTES.
 - 2 THE CONTRACTOR SHALL COORDINATE WITH RIVERA UTILITIES FOR TEMPORARY ISOLATION AND OR OUTAGE OF EXISTING 10" WATER MAIN REMOVAL & REPLACEMENT WORK.
 - 3 THE CONTRACTOR SHALL REMOVE ONE ENTRANCE/EXIT DRIVE & RE-OPEN THE DRIVE WHEN BACKFILLED WITH STONE & SAFE FOR PUBLIC TRAFFIC. CLOSURE OF A DRIVE WILL BE LIMITED TO DAYLIGHT HOURS ONLY. DURING CLOSURE THE CONTRACTOR SHALL INSTALL TRAFFIC CONTROL MEASURES ACCORDING TO THE MUTCD AND DIRECT TRAFFIC TO USE OPEN DRIVE AS TWO-WAY ACCESS. SEE SHEET C5 FOR ADDITIONAL DETAILS.
 - 4 SAWCUT PAVEMENT FULL DEPTH AT LIMITS OF REMOVAL.



ISSUED FOR BID

ISSUE: REVISIONS:

DRAWN BY:	CAW
CHECKED BY:	DAD
PROJECT NO.:	F. FOLE0001
CAD FILE:	EX_COND.DWG
DATE:	February 2, 2022

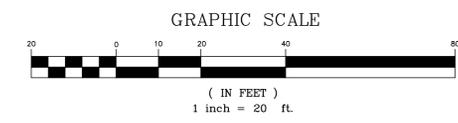
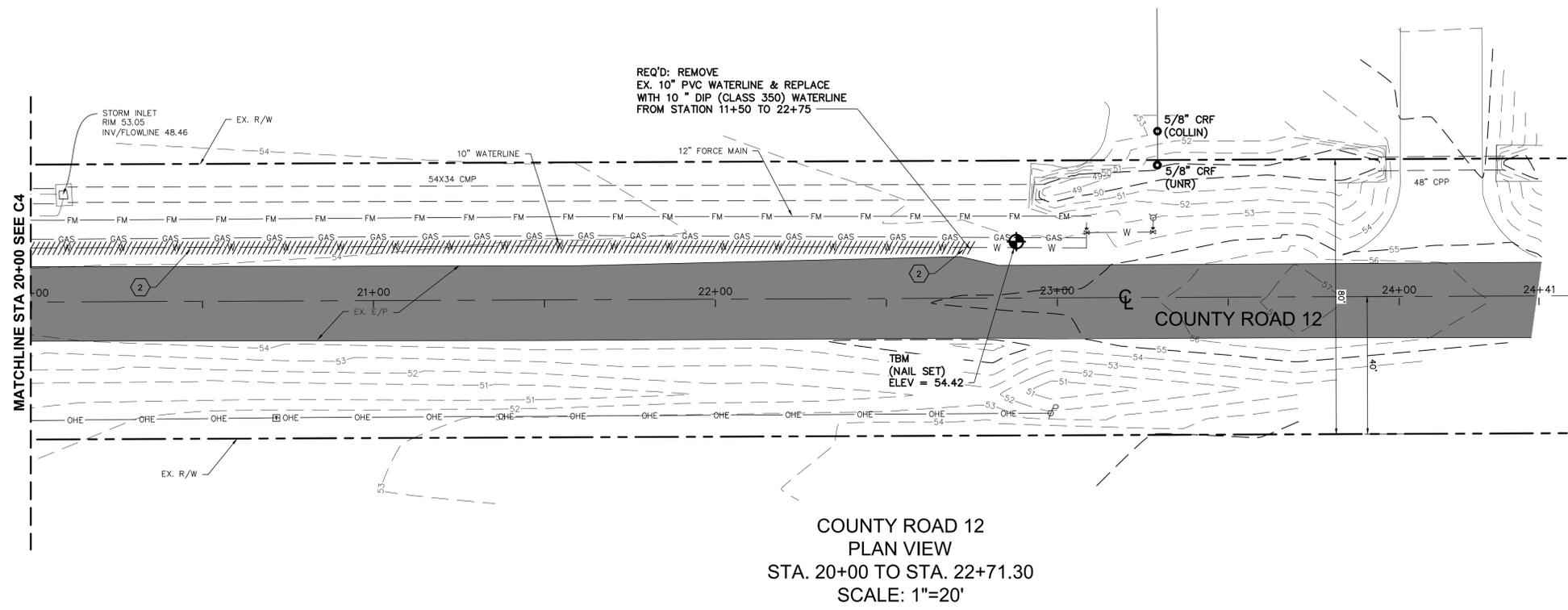
PROJECT LOCATION:
CITY OF FOLEY
FOLEY, ALABAMA

SHEET TITLE:
EXISTING CONDITION & DEMO PLAN

PROJECT:
CITY OF FOLEY COUNTY ROAD
12 WIDENING

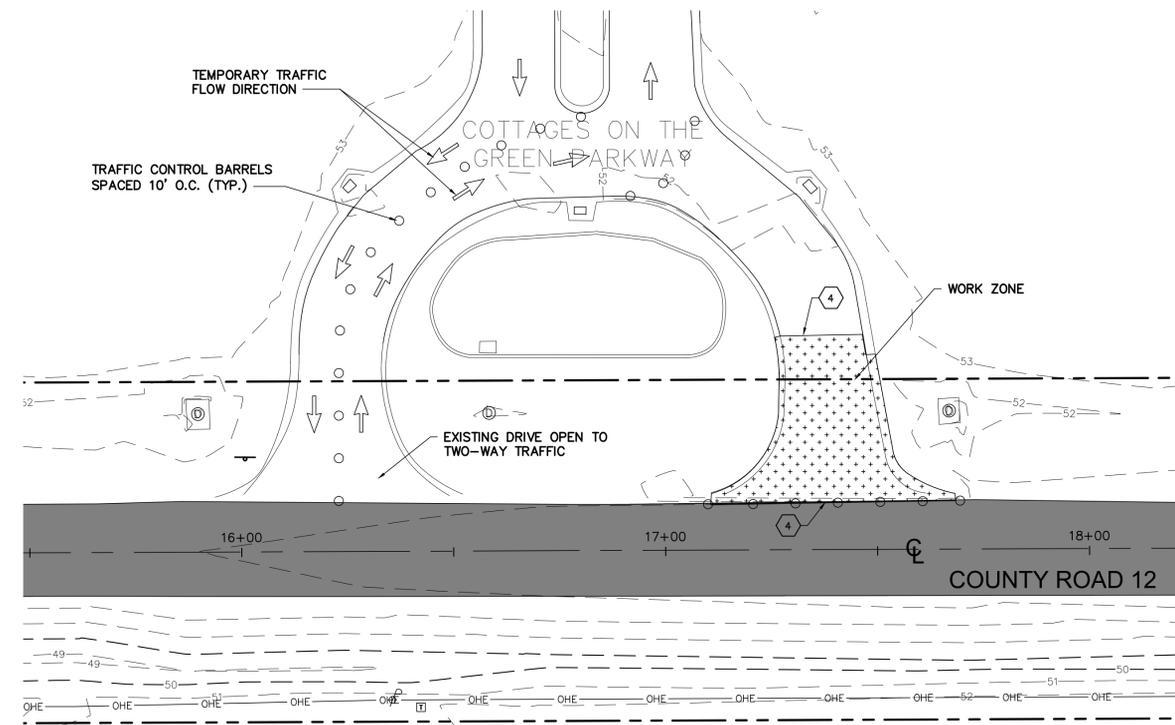
LAND SURVEYING
EDG
CIVIL ENGINEERING
ENGINEERING DESIGN GROUP, LLC
PRELIM
(205) 403-9158
FOLEY, ALABAMA
www.edgallabama.com

SHEET NO. C5

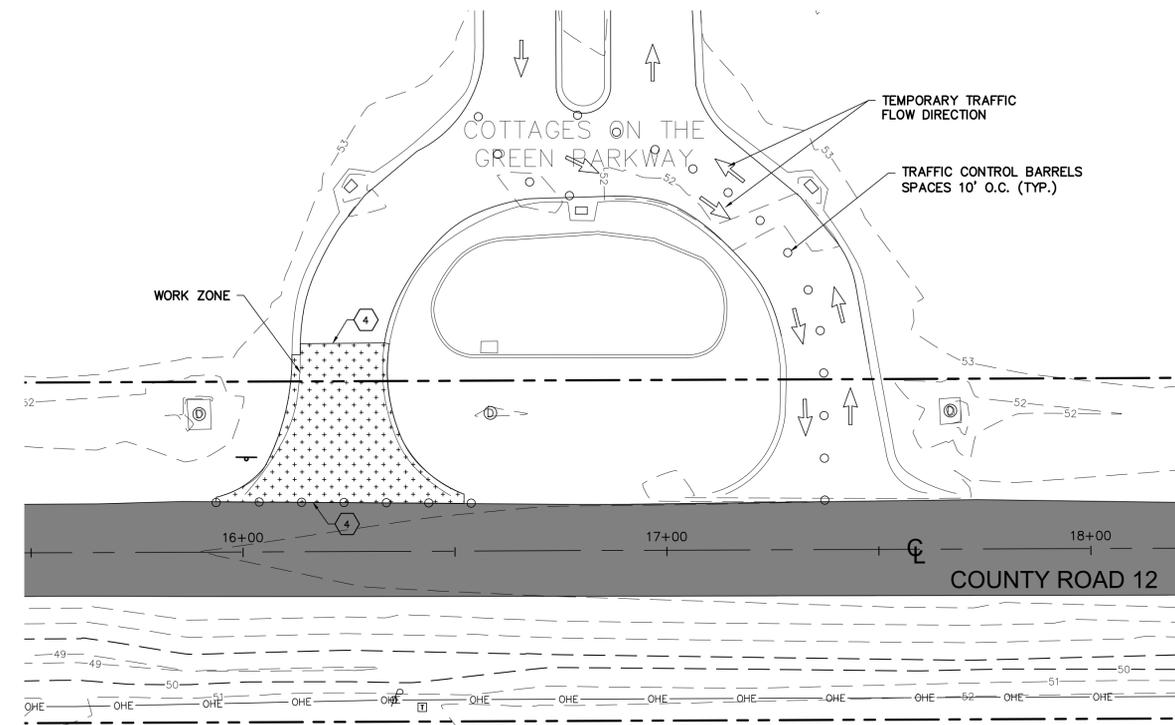


- NOTES
- SEE SHEET C2 FOR GENERAL DEMOLITION NOTES.
 - THE CONTRACTOR SHALL COORDINATE WITH RIVIERA UTILITIES FOR TEMPORARY ISOLATION AND OR OUTAGE OF EXISTING 10" WATER MAIN REMOVAL & REPLACEMENT WORK.
 - THE CONTRACTOR SHALL REMOVE ONE ENTRANCE/EXIT DRIVE & RE-OPEN THE DRIVE WHEN BACKFILLED WITH STONE & SAFE FOR PUBLIC TRAFFIC. CLOSURE OF A DRIVE WILL BE LIMITED TO DAYLIGHT HOURS ONLY. DURING CLOSURE THE CONTRACTOR SHALL INSTALL TRAFFIC CONTROL MEASURES ACCORDING TO THE MUTCD AND DIRECT TRAFFIC TO USE OPEN DRIVE AS TWO-WAY ACCESS.
 - SAWCUT PAVEMENT FULL DEPTH AT LIMITS OF REMOVAL.

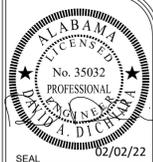
COUNTY ROAD 12
PLAN VIEW
STA. 20+00 TO STA. 22+71.30
SCALE: 1"=20'



COTTAGES ON THE GREEN ENTRANCE / EXIT
STAGE 1 DEMOLITION PLAN
SCALE: 1"=20'



COTTAGES ON THE GREEN ENTRANCE / EXIT
STAGE 2 DEMOLITION PLAN
SCALE: 1"=20'



ISSUED FOR BID

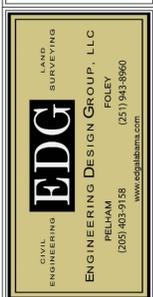
ISSUE:
REVISIONS:

DRAWN BY:	CAW
CHECKED BY:	DAD
PROJECT NO.:	F_FOLE0001
CAD FILE:	PLAN_PAINT.DWG
DATE:	February 2, 2022

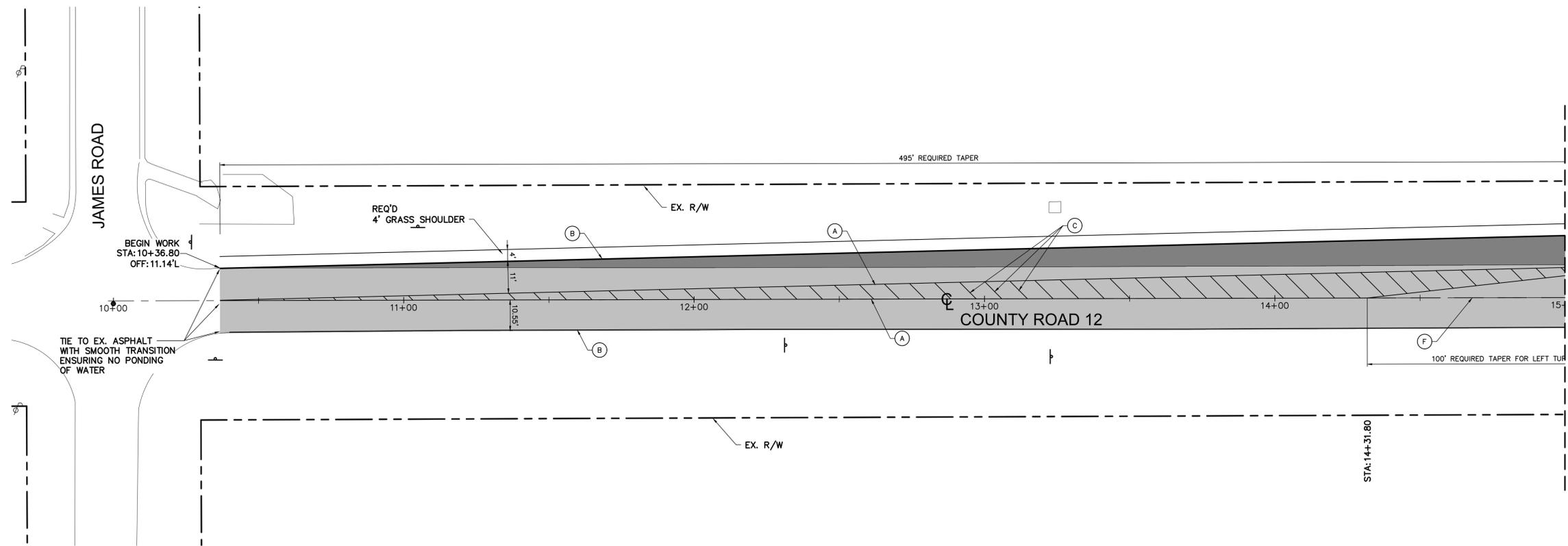
PROJECT LOCATION:
CITY OF FOLEY, ALABAMA

SHEET TITLE:
PAVING & STRIPING LAYOUT PLAN

PROJECT:
CITY OF FOLEY COUNTY ROAD 12 WIDENING

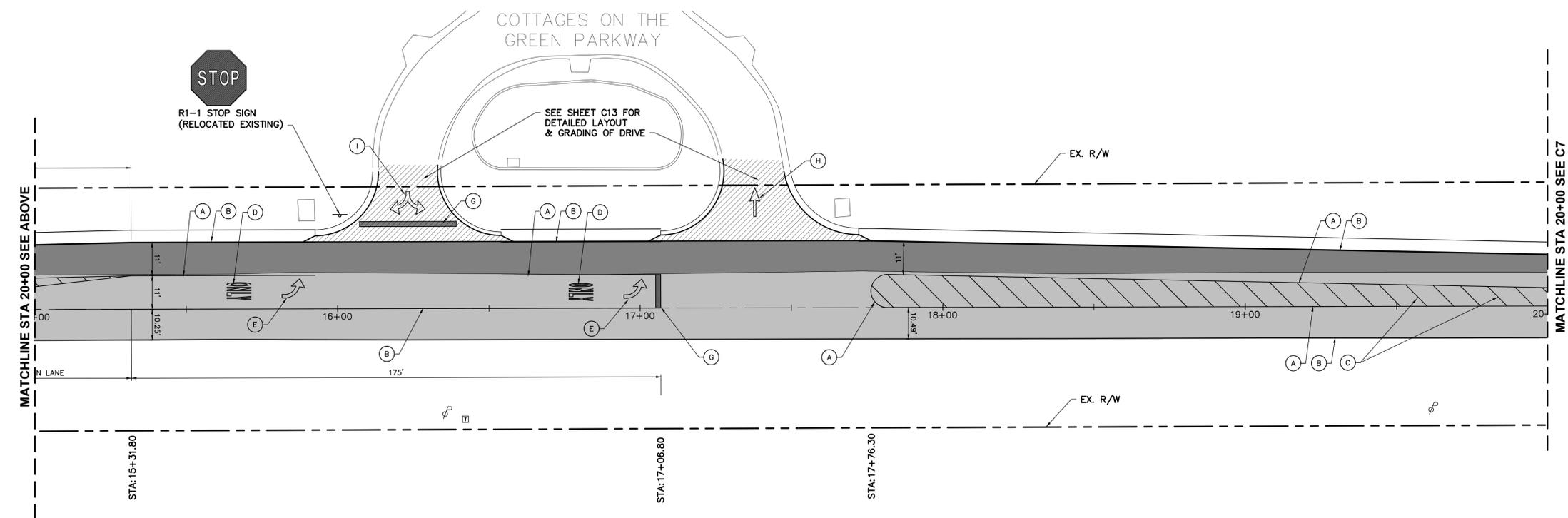


SHEET NO. **C6**

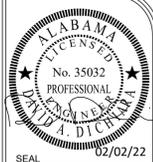


**COUNTY ROAD 12
PLAN VIEW
STA.10+00 TO STA.15+00.00
SCALE: 1"=20'**

- PAVEMENT LEGEND**
- ENTRANCE ASPHALT PAVING (SEE SHEET C3 FOR DETAILS)
 - ASPHALT MILL OVERLAY & LEVELING (SEE SHEET C3 FOR DETAILS)
 - ASPHALT WIDENING (SEE SHEET C3 FOR DETAILS)
- (A) DOUBLE YELLOW, CALSS 2, TYPE "A" (5" WIDE)
 - (B) SINGLE SOLID WHITE, CLASS 2, TYPE "A" TRAFFIC STRIPE (5" WIDE)
 - (C) SOLID YELLOW TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE "A" (2' WIDE) 20' O.C. AND ANGLED 45 DEGREES TO THE DIRECTION OF TRAFFIC.
 - (D) "ONLY" SOLID WHITE TRAFFIC CONTROL LEGEND, CLASS 2, TYPE "A"
 - (E) SOLID WHITE LEFT TURN ARROW TRAFFIC CONTROL MARKING, CLASS2, TYPE"A".
 - (F) DOTTED WHITE, CLASS 2, TYPE "A" TRAFFIC STRIPE (5" WIDE)
 - (G) SOLID WHITE TRAFFIC CONTROL MARKING, CLASS 2, TYPE "A" (20' WIDE)
 - (H) SOLID WHITE STRAIGHT ARROW TRAFFIC CONTROL MARKING, CLASS 2, TYPE "A"
 - (I) SOLID WHITE COMBINATION LEFT /RIGHT TURN ARROW TRAFFIC CONTROL MARKING, CLASS 2, TYPE"A"



**COUNTY ROAD 12
PLAN VIEW
STA. 15+00.00 TO STA. 20+00.00
SCALE: 1"=20'**



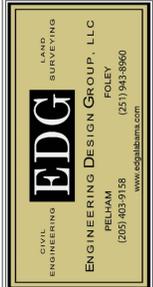
ISSUED FOR BID

ISSUE:
REVISIONS:

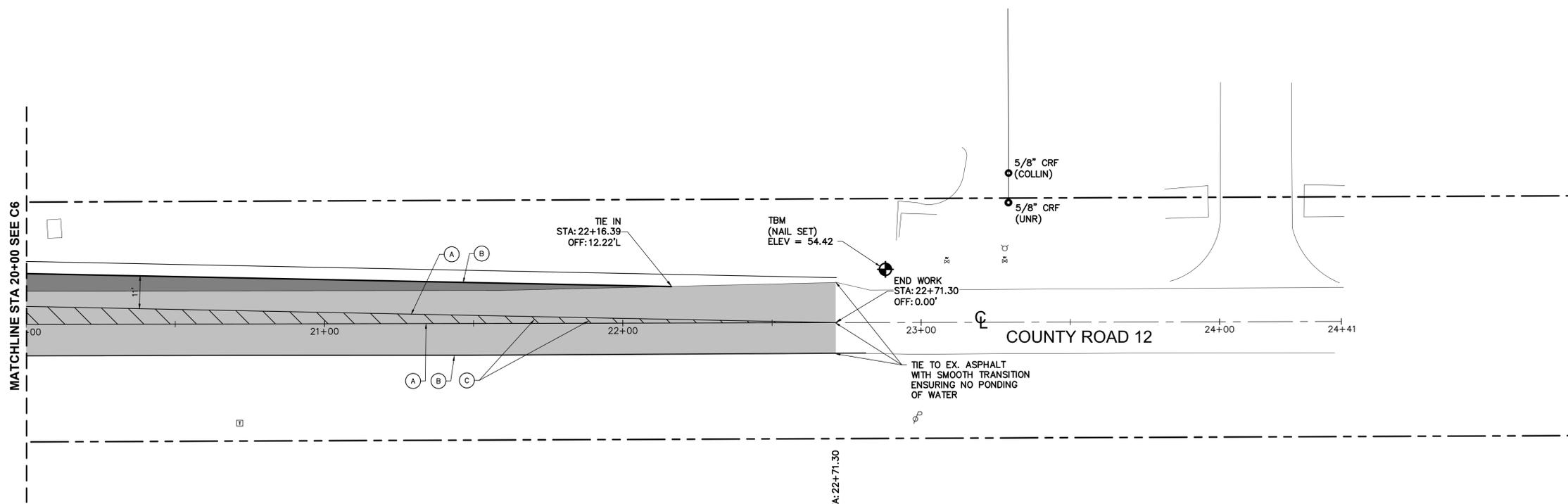
DRAWN BY:	CAW
CHECKED BY:	DAD
PROJECT NO.:	F_FOLE0001
CAD FILE:	PLAN_PAINT.DWG
DATE:	February 2, 2022

PROJECT LOCATION:	CITY OF FOLEY FOLEY, ALABAMA
SHEET TITLE:	PAVING & STRIPING LAYOUT PLAN

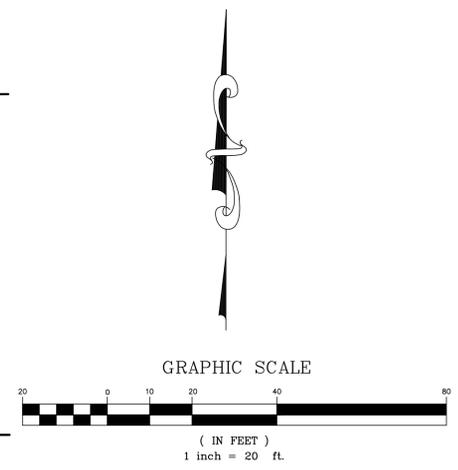
PROJECT:	CITY OF FOLEY COUNTY ROAD 12 WIDENING
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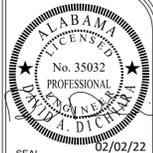
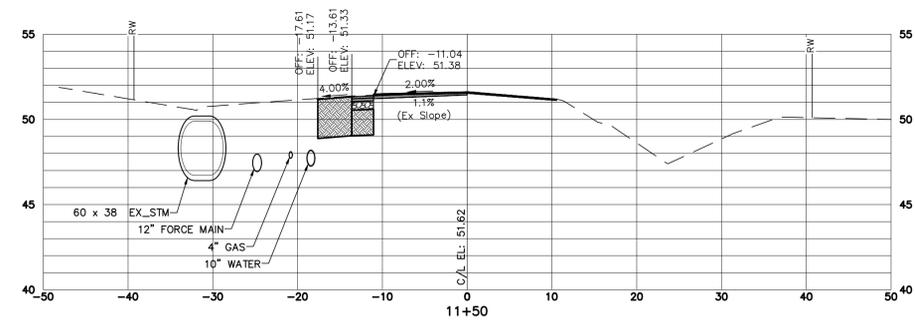
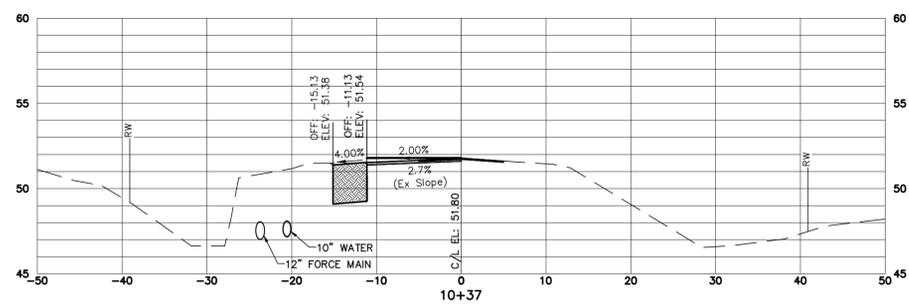
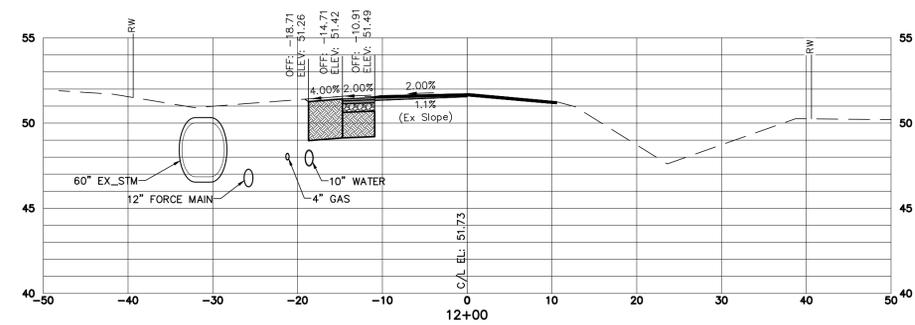
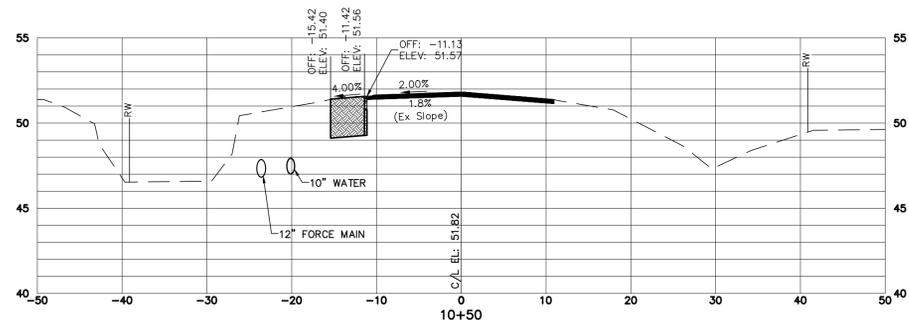
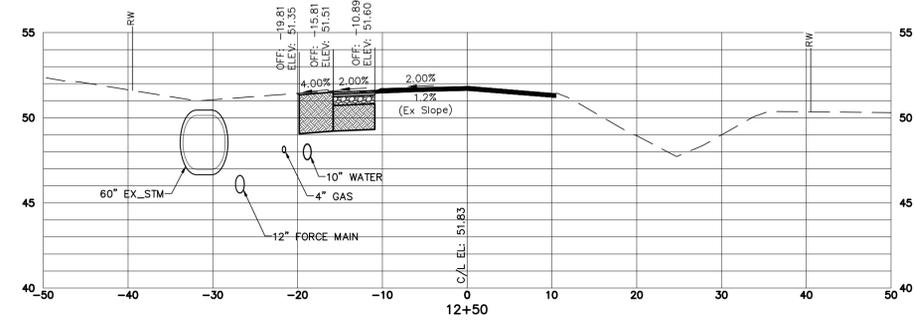
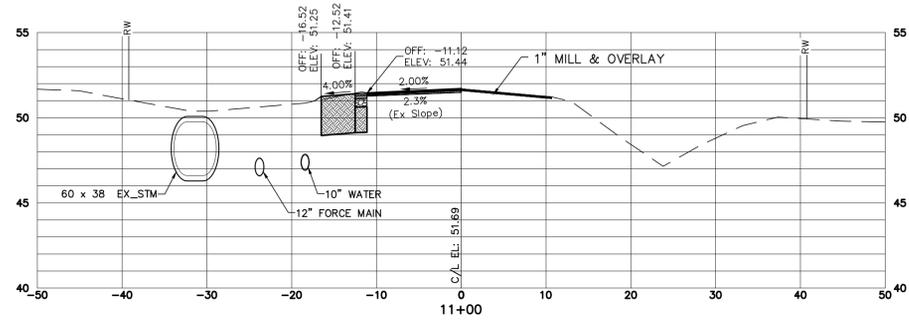
SHEET NO. **C7**



COUNTY ROAD 12
PLAN VIEW
STA. 15+00.00 TO STA. 22+71.30
SCALE: 1"=20'



- PAVEMENT LEGEND**
- ASPHALT MILL OVERLAY & LEVELING (SEE SHEET C3 FOR DETAILS)
 - ASPHALT WIDENING (SEE SHEET C3 FOR DETAILS)
 - (A) DOUBLE SOLID YELLOW, CLASS 2, TYPE "A" (5" WIDE)
 - (B) SINGLE SOLID WHITE, CLASS 2, TYPE "A" TRAFFIC STRIPE (5" WIDE)
 - (C) SOLID YELLOW TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE "A" (2' WIDE) 20' O.C. AND ANGLED 45 DEGREES TO THE DIRECTION OF TRAFFIC.
 - (D) "ONLY" SOLID WHITE TRAFFIC CONTROL LEGEND, CLASS 2, TYPE "A"
 - (E) SOLID WHITE LEFT TURN ARROW TRAFFIC CONTROL MARKING, CLASS2, TYPE "A".
 - (F) DOTTED WHITE, CLASS 2, TYPE "A" TRAFFIC STRIPE (5" WIDE)
 - (G) SOLID WHITE TRAFFIC CONTROL MARKING, CLASS 2, TYPE "A" (20" WIDE)



ISSUED FOR BID

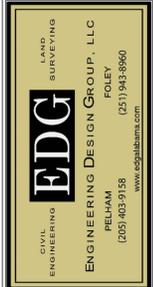
ISSUE:
REVISIONS:

DRAWN BY: DAD
 CHECKED BY: DAD
 PROJECT NO.: F_FOLE0001
 CAD FILE: X-SEC-3-DWG
 DATE: February 2, 2022

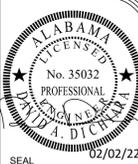
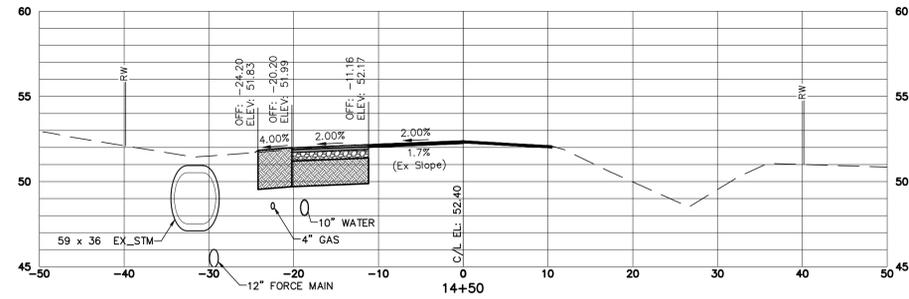
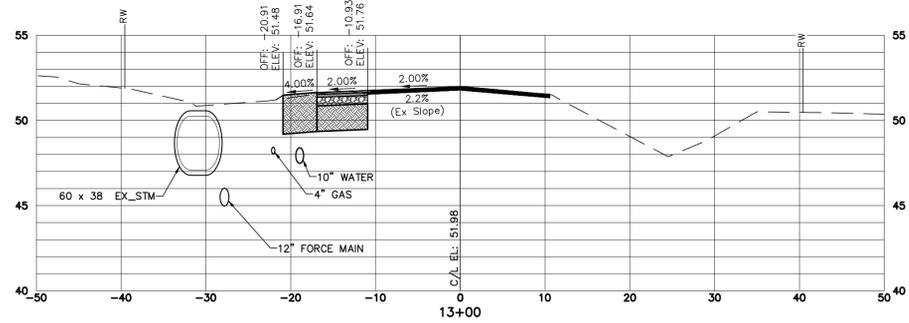
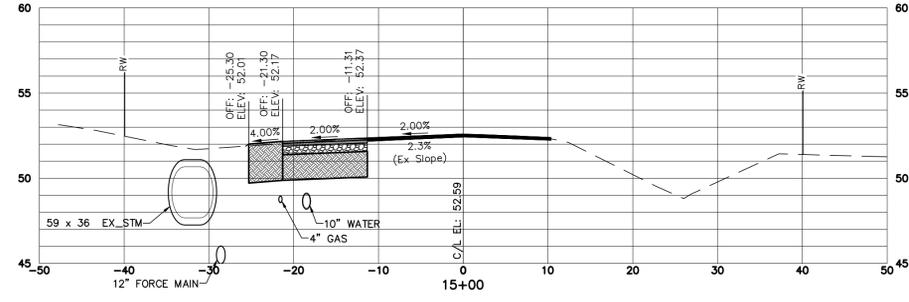
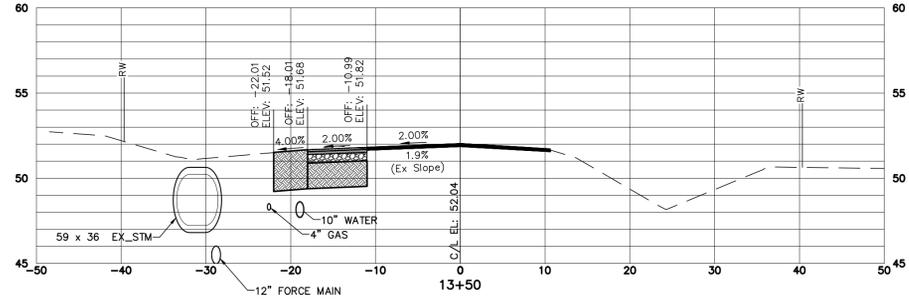
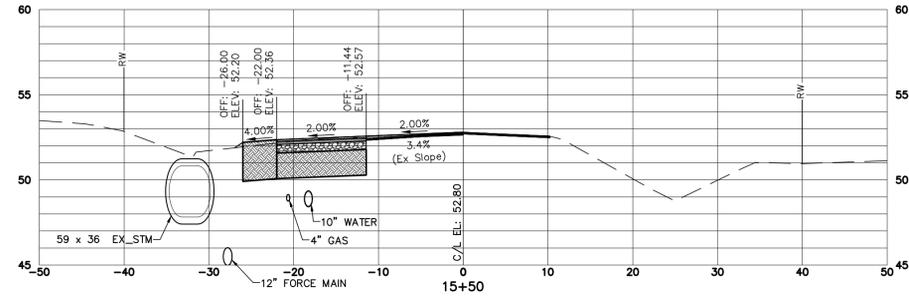
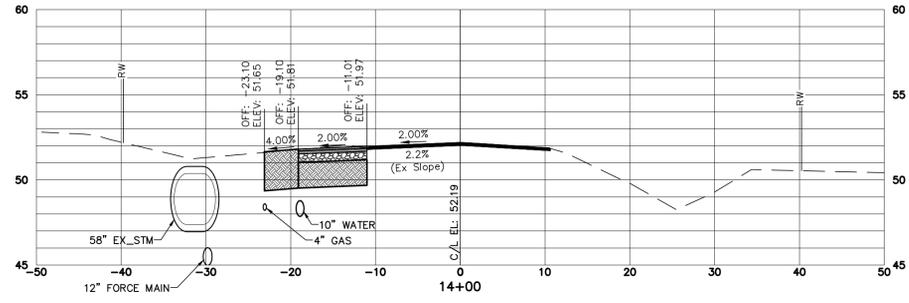
PROJECT LOCATION:
 CITY OF FOLEY
 FOLEY, ALABAMA

SHEET TITLE:
 CROSS SECTION
 10+38 to 12+50

PROJECT:
 CITY OF FOLEY COUNTY ROAD
 12 WIDENING



SHEET NO.
C8



ISSUED FOR BID

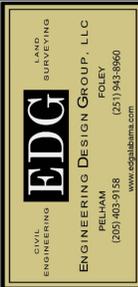
ISSUE:
 REVISIONS:

DRAWN BY:	DAD
CHECKED BY:	DAD
PROJECT NO.:	F_FOLE0001
CAD FILE:	X-SEC-3-DWG
DATE:	February 2, 2022

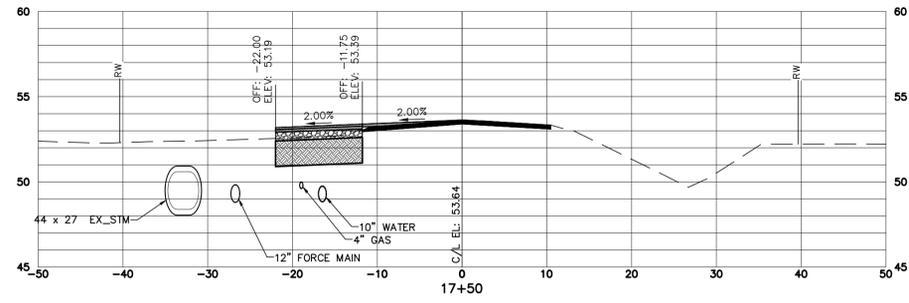
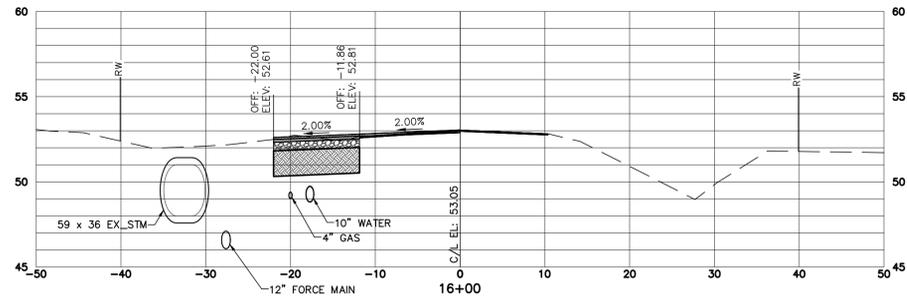
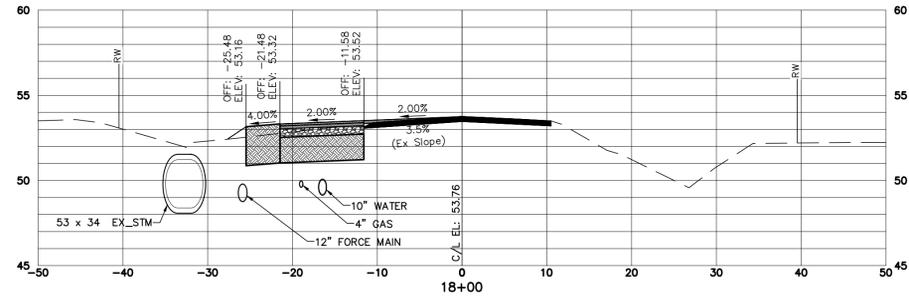
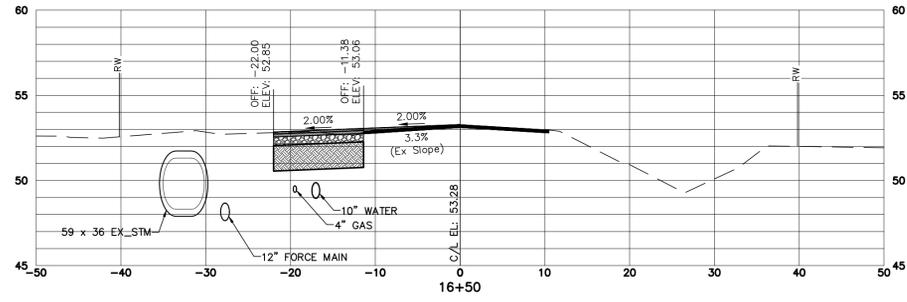
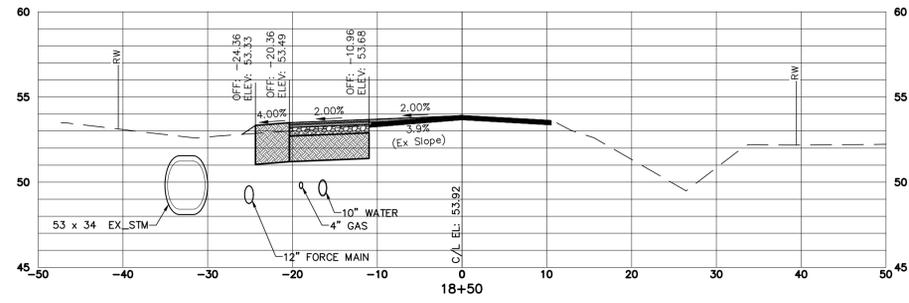
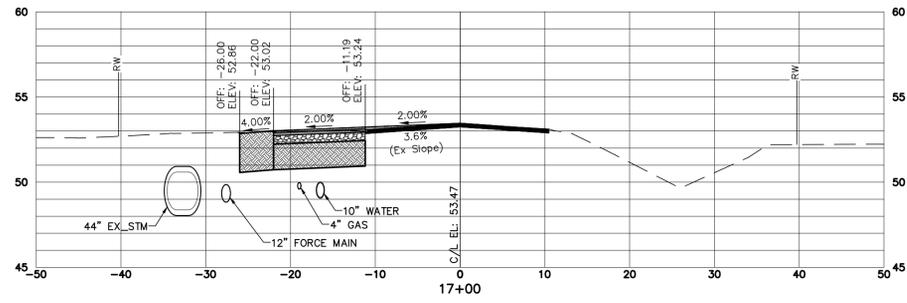
PROJECT LOCATION:
 CITY OF FOLEY
 FOLEY, ALABAMA

SHEET TITLE:
 CROSS SECTION
 13+00 TO 15+50

PROJECT:
 CITY OF FOLEY COUNTY ROAD
 12 WIDENING



SHEET NO.
C9

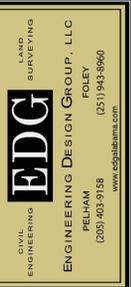


ISSUED FOR BID

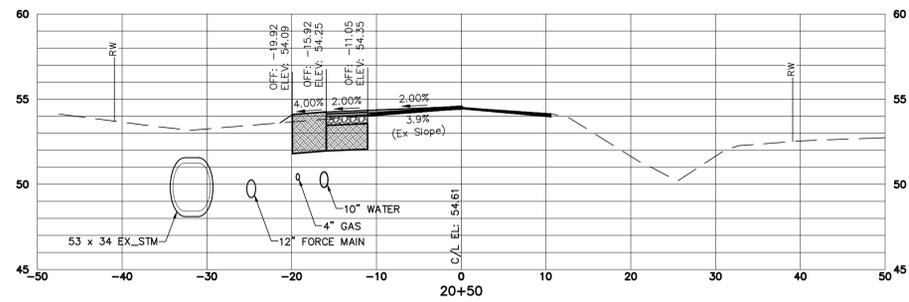
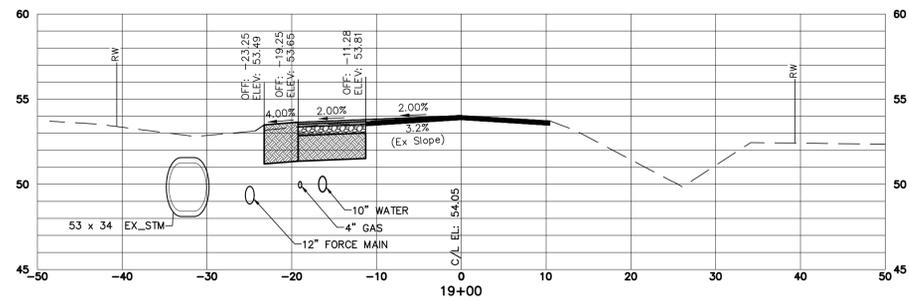
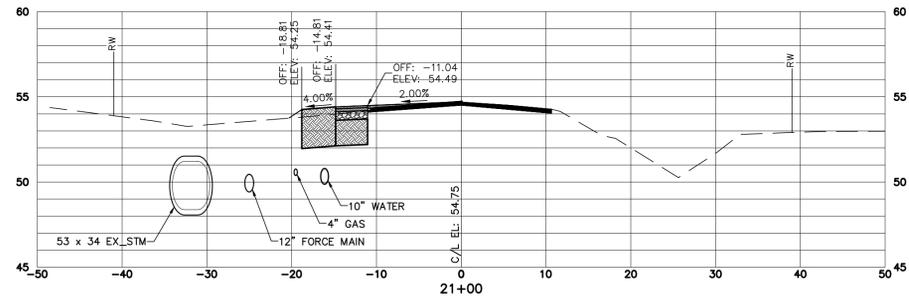
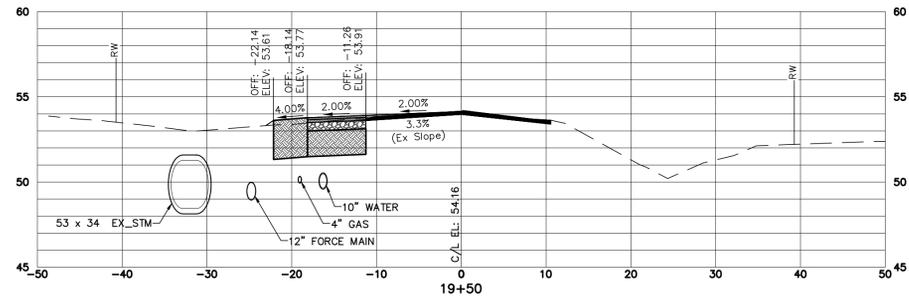
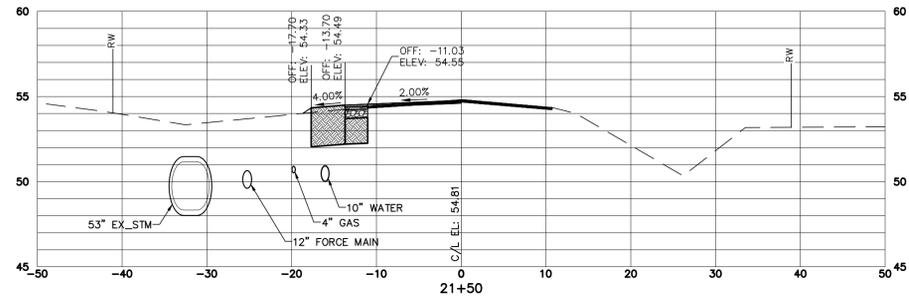
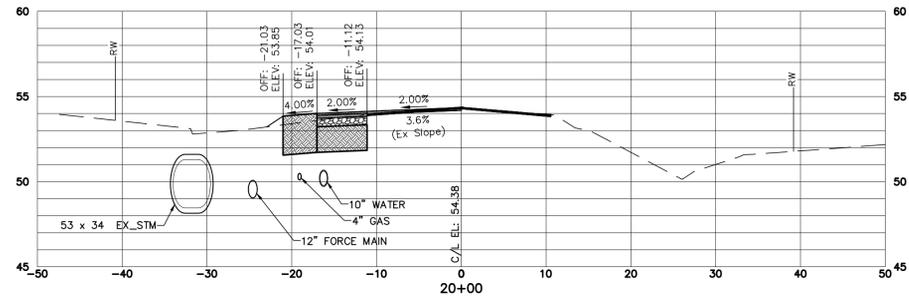
DRAWN BY: DAD
 CHECKED BY: DAD
 PROJECT NO.: F_FOLE0001
 CAD FILE: X-SEC-3-DWG
 DATE: February 2, 2022

CITY OF FOLEY
 FOLEY, ALABAMA
 CROSS SECTION
 16+00 TO 18+50

CITY OF FOLEY COUNTY ROAD
 12 WIDENING



SHEET NO. C10



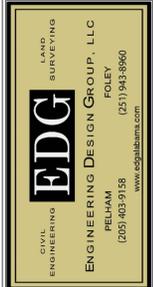
ISSUED FOR BID

DRAWN BY: DAD
 CHECKED BY: DAD
 PROJECT NO.: F_FOLE0001
 CAD FILE: X-SEC-3-DWG
 DATE: February 2, 2022

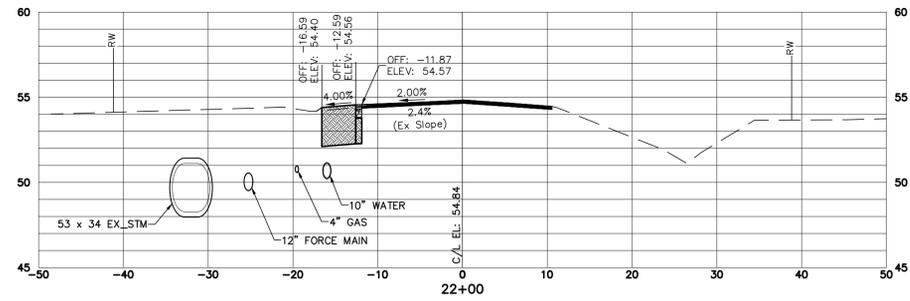
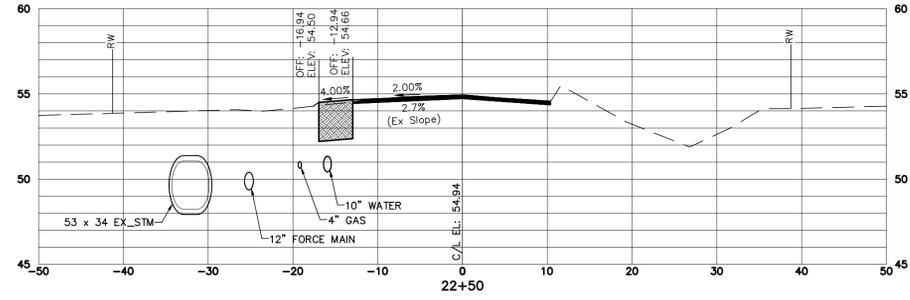
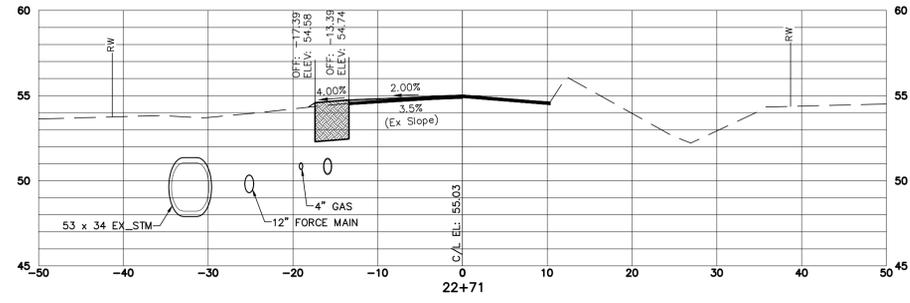
PROJECT LOCATION:
 CITY OF FOLEY
 FOLEY, ALABAMA

SHEET TITLE:
 CROSS SECTION
 19+00 TO 21+50

PROJECT:
 CITY OF FOLEY COUNTY ROAD
 12 WIDENING



SHEET NO.
C11



ISSUED FOR BID

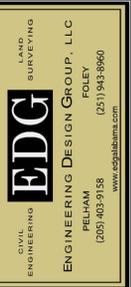
REVISIONS:

DRAWN BY: DAD
 CHECKED BY: DAD
 PROJECT NO.: F_FOLE0001
 CAD FILE: X-SEC-3-DWG
 DATE: February 2, 2022

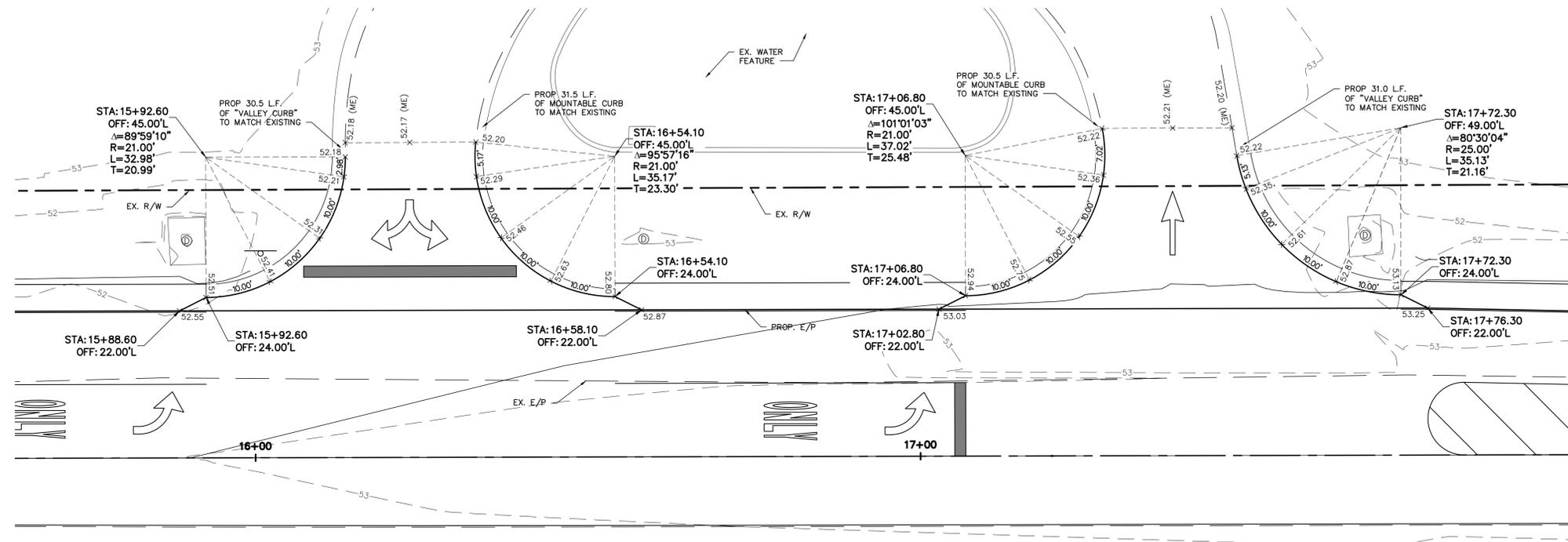
PROJECT LOCATION:
 CITY OF FOLEY
 FOLEY, ALABAMA

SHEET TITLE:
 CROSS SECTION
 22+00 TO 22+71

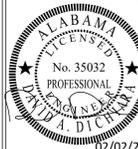
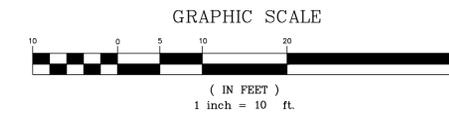
PROJECT:
 CITY OF FOLEY COUNTY ROAD
 12 WIDENING



SHEET NO.
C12



ENTRANCE DETAIL
SCALE: 1" = 10'



ISSUED FOR BID

REVISIONS:

DRAWN BY:	CAW
CHECKED BY:	DAD
PROJECT NO.:	F_FOLE0001
CAD FILE:	PLAN.DWG
DATE:	February 2, 2022

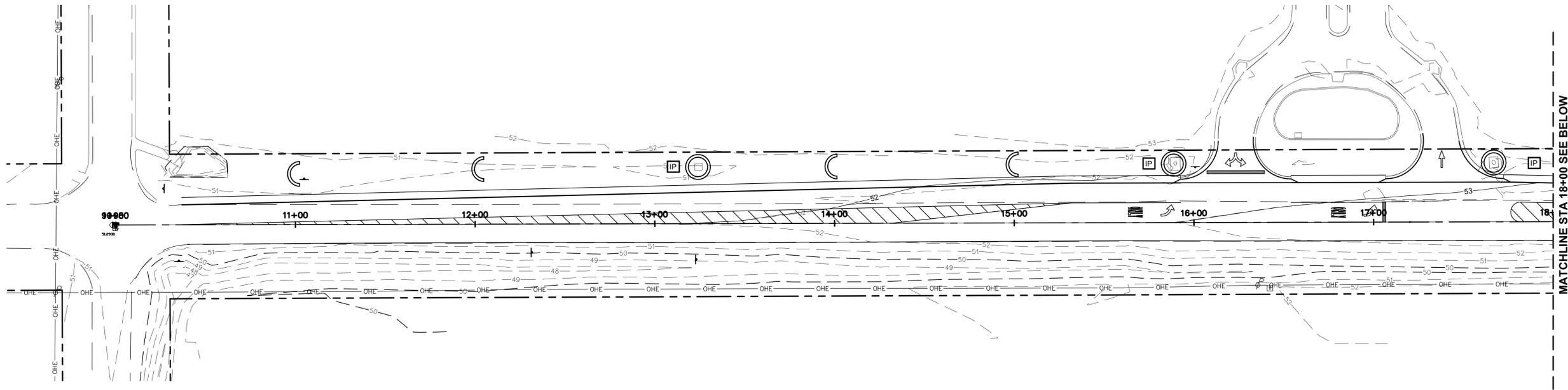
PROJECT LOCATION:
CITY OF FOLEY
FOLEY, ALABAMA

SHEET TITLE:
ENTRANCE GRADING DETAIL

PROJECT:
CITY OF FOLEY COUNTY ROAD
12 WIDENING


EDG
 CIVIL ENGINEERING
 LAND SURVEYING
 ENGINEERING DESIGN GROUP, LLC
 PELHAM FOLEY
 (205) 403-9188
 www.edgAlabama.com

SHEET NO.
C13

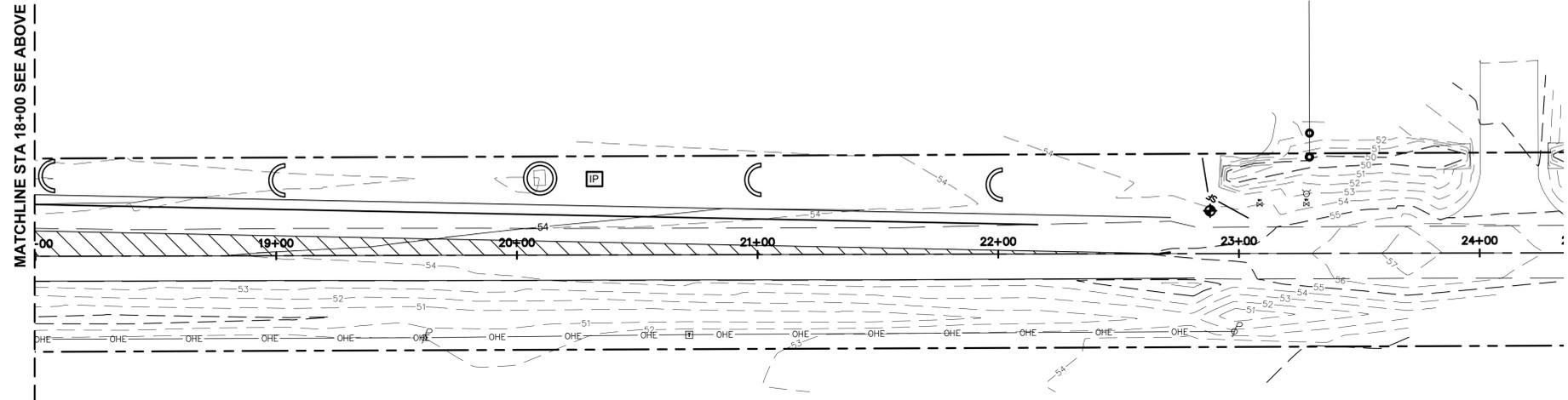


MATCHLINE STA 18+00 SEE BELOW

NOTES:

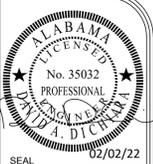
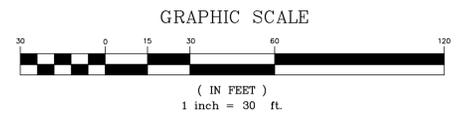
1. THE SEDIMENT AND EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIRED. THE CONTRACTOR IS TO MAINTAIN AND ADD ADDITIONAL MEASURES AS NECESSARY TO ENSURE NO SEDIMENT LEAVES THE SITE.

MATCHLINE STA 18+00 SEE ABOVE



TEMPORARY EROSION CONTROL MEASURES LEGEND

	TEMPORARY SEEDING
	MULCHING
	DUST CONTROL
	GROUNDS KEEPING
	SILT FENCE
	INLET OUTLET PROTECTION
	WATTLE CHECK DAM



ISSUED FOR BID

ISSUE:
REVISIONS:

DRAWN BY: CAW
 CHECKED BY: DAD
 PROJECT NO.: F_FOLE0001
 CAD FILE: EROSION.DWG
 DATE: February 2, 2022

PROJECT LOCATION:
CITY OF FOLEY
FOLEY, ALABAMA

SHEET TITLE:
EROSION CONTROL PLAN

PROJECT:
CITY OF FOLEY COUNTY ROAD
12 WIDENING

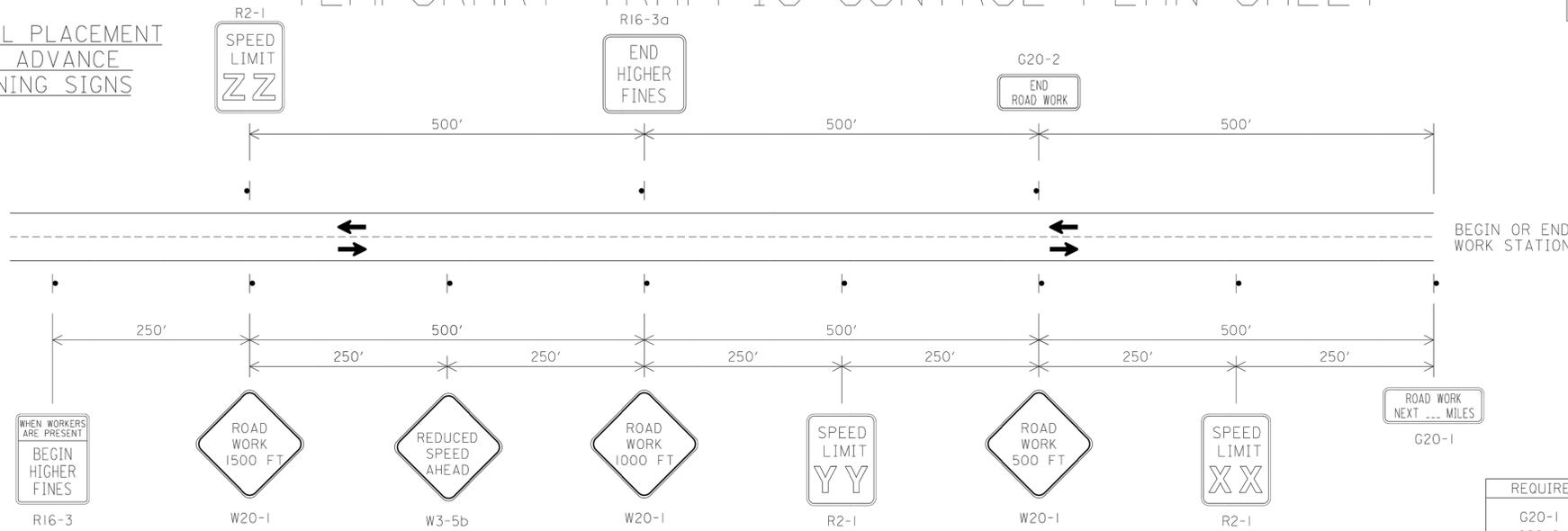
EDG LAND SURVEYING
 CIVIL ENGINEERING
 ENGINEERING DESIGN GROUP, LLC
 PELHAM, ALABAMA
 (205) 403-9158
 www.edgAlabama.com

SHEET NO.
C14

TEMPORARY TRAFFIC CONTROL PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO

TYPICAL PLACEMENT FOR ADVANCE WARNING SIGNS



GENERAL NOTES

- ALL ADVANCE WARNING SIGNS REQUIRED AT THE BEGINNING AND END OF PROJECT SHALL BE POST MOUNTED. ALL SIGNS REQUIRED FOR THE LANE CLOSURE SHALL BE TEMPORARY MOUNTED.
- SIGN (XX) SHALL SHOW THE SPEED IN THE WORK ZONE. SIGN (YY) SHALL BE USED IF SPEED REDUCTION REQUIRES TWO SIGNS. SIGN (ZZ) SHALL SHOW THE POSTED SPEED OUTSIDE THE WORK ZONE.

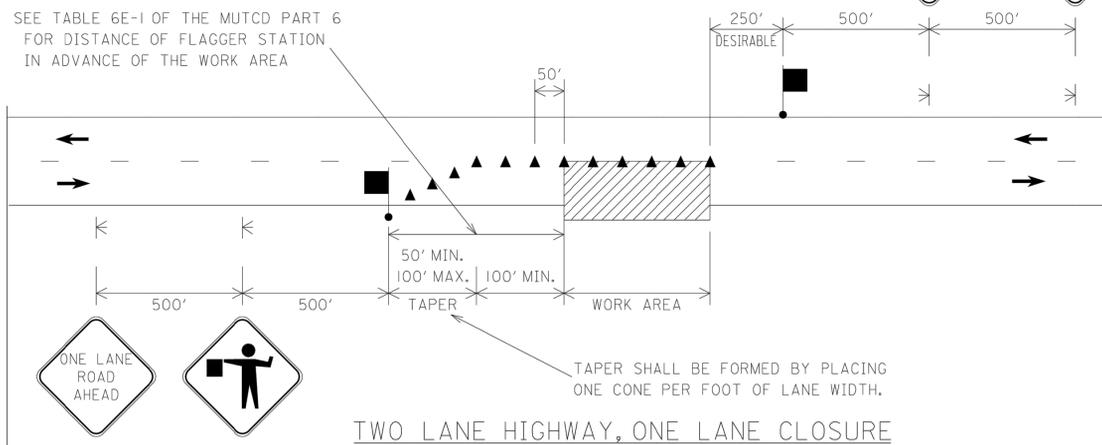
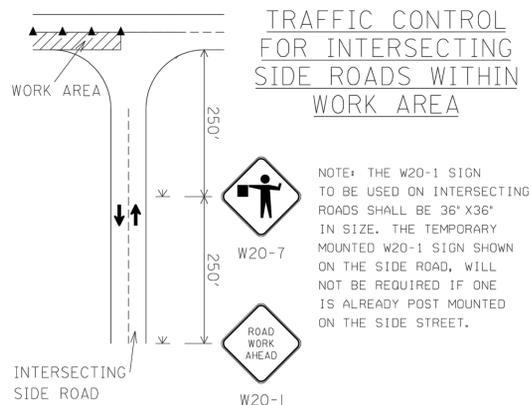
REQUIRED SIGN SIZES	
G20-1	48" X 24"
G20-2	48" X 24"
R2-1	24" X 30"
W3-5b	48" X 48"
R16-3	48" X 60"
W20-1	48" X 48"
W20-4	48" X 48"
W20-7	48" X 48"

THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LEGEND

- ◀ TEMPORARY MOUNTED SIGN
- POST MOUNTED SIGN
- ▲ CONES
- FLAGGER
- ▨ WORK AREA

TRAFFIC CONTROL FOR INTERSECTING SIDE ROADS WITHIN WORK AREA



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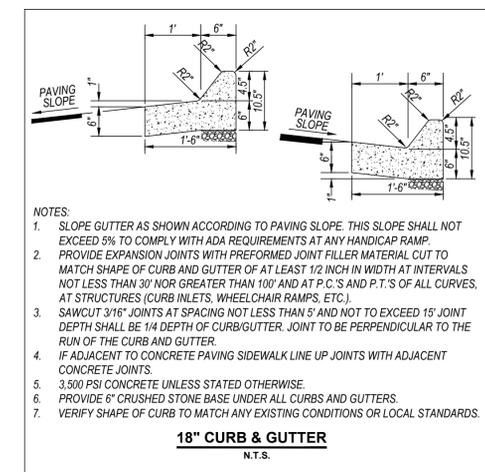
ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING
DETAILS FOR TRAFFIC CONTROL
FOR TWO LANE HIGHWAYS

DRAWN BY: _____ SPECIAL PROJECT DETAIL INDEX NO. 2002
DATE DRAWN: 3/24/2021

NOT TO SCALE

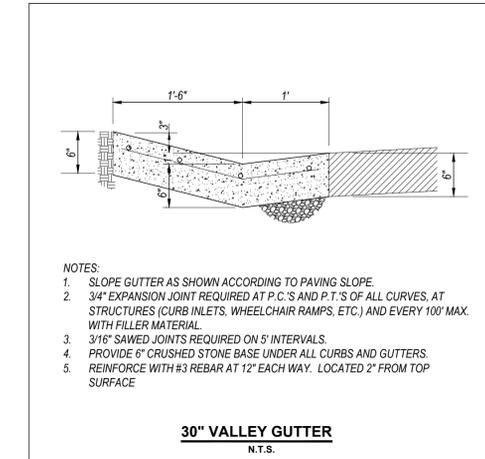
SHEET TITLE ROUTE



- NOTES:
- SLOPE GUTTER AS SHOWN ACCORDING TO PAVING SLOPE. THIS SLOPE SHALL NOT EXCEED 5% TO COMPLY WITH ADA REQUIREMENTS AT ANY HANDICAP RAMP.
 - PROVIDE EXPANSION JOINTS WITH PREFORMED JOINT FILLER MATERIAL CUT TO MATCH SHAPE OF CURB AND GUTTER OF AT LEAST 1/2 INCH IN WIDTH AT INTERVALS NOT LESS THAN 30' NOR GREATER THAN 100' AND AT P.C.'S AND P.T.'S OF ALL CURVES, AT STRUCTURES (CURB INLETS, WHEELCHAIR RAMPS, ETC.).
 - SAWCUT 3/16" JOINTS AT SPACING NOT LESS THAN 5' AND NOT TO EXCEED 15' JOINT DEPTH SHALL BE 1/4 DEPTH OF CURB/GUTTER. JOINT TO BE PERPENDICULAR TO THE RUN OF THE CURB AND GUTTER.
 - IF ADJACENT TO CONCRETE PAVING SIDEWALK LINE UP JOINTS WITH ADJACENT CONCRETE JOINTS.
 - 3,500 PSI CONCRETE UNLESS STATED OTHERWISE.
 - PROVIDE 6" CRUSHED STONE BASE UNDER ALL CURBS AND GUTTERS.
 - VERIFY SHAPE OF CURB TO MATCH ANY EXISTING CONDITIONS OR LOCAL STANDARDS.

18" CURB & GUTTER

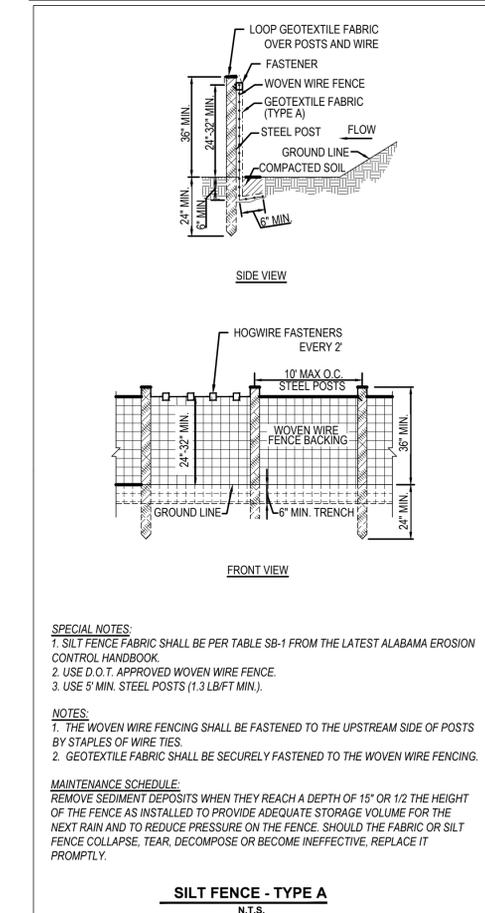
N.T.S.



- NOTES:
- SLOPE GUTTER AS SHOWN ACCORDING TO PAVING SLOPE.
 - 3/4" EXPANSION JOINT REQUIRED AT P.C.'S AND P.T.'S OF ALL CURVES, AT STRUCTURES (CURB INLETS, WHEELCHAIR RAMPS, ETC.) AND EVERY 100' MAX. WITH FILLER MATERIAL.
 - 3/16" SAWED JOINTS REQUIRED ON 5' INTERVALS.
 - PROVIDE 6" CRUSHED STONE BASE UNDER ALL CURBS AND GUTTERS.
 - REINFORCE WITH #3 REBAR AT 12" EACH WAY. LOCATED 2" FROM TOP SURFACE.

30" VALLEY GUTTER

N.T.S.



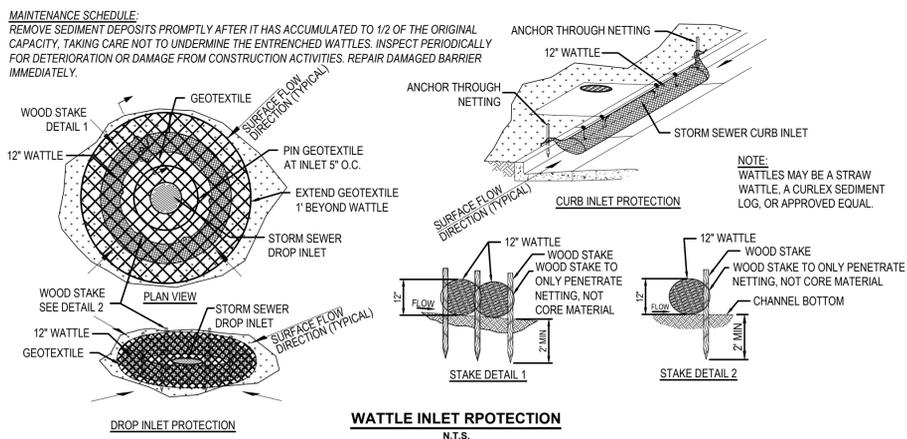
- SPECIAL NOTES:
- SILT FENCE FABRIC SHALL BE PER TABLE SB-1 FROM THE LATEST ALABAMA EROSION CONTROL HANDBOOK.
 - USE D.O.T. APPROVED WOVEN WIRE FENCE.
 - USE 5' MIN. STEEL POSTS (1.3 LB/FT MIN.).

- NOTES:
- THE WOVEN WIRE FENCING SHALL BE FASTENED TO THE UPSTREAM SIDE OF POSTS BY STAPLES OF WIRE TIES.
 - GEOTEXTILE FABRIC SHALL BE SECURELY FASTENED TO THE WOVEN WIRE FENCING.

MAINTENANCE SCHEDULE:
REMOVE SEDIMENT DEPOSITS WHEN THEY REACH A DEPTH OF 15" OR 1/2 THE HEIGHT OF THE FENCE AS INSTALLED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. SHOULD THE FABRIC OR SILT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.

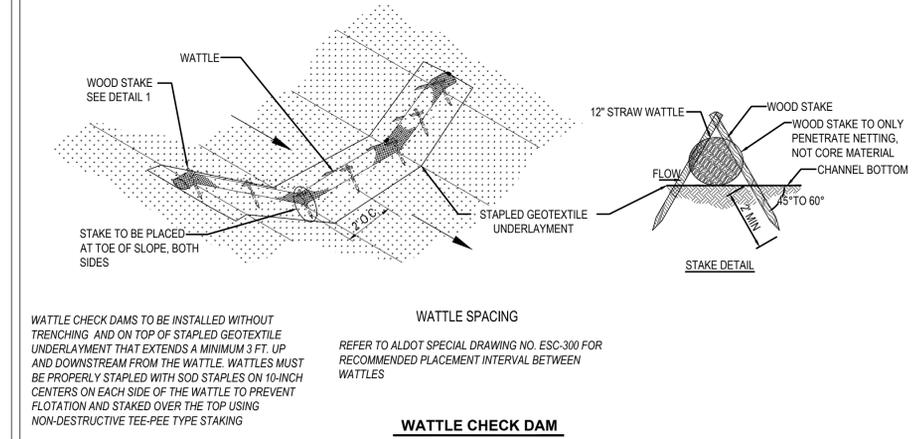
SILT FENCE - TYPE A

N.T.S.



WATTLE INLET PROTECTION

N.T.S.



WATTLE CHECK DAM

N.T.S.

ISSUED FOR BID

REVISIONS:

ISSUE:

DRAWN BY: CAW

CHECKED BY: DAD

PROJECT NO.: F-FOLE0001

CAD FILE: DETAILS.DWG

DATE: February 2, 2022

PROJECT LOCATION: CITY OF FOLEY, ALABAMA

SHEET TITLE: DETAILS

PROJECT: CITY OF FOLEY COUNTY ROAD 12 WIDENING

ENGINEERING DESIGN GROUP, LLC
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ADEM

SHEET NO. C15