

FULLWOOD ROAD IMPROVEMENTS PHASE II

PEACH COUNTY BOARD OF COMMISSIONERS

FULLWOOD ROAD, FORT VALLEY, GA
FEBRUARY 2021

PROJECT DESCRIPTION:

THIS ROADWAY PAVING PROJECT IS LOCATED EAST OF FORT VALLEY WITHIN A RURAL RESIDENTIAL COMMUNITY AND IS THE SECOND PHASE OF A ROADWAY IMPROVEMENT PLAN. PHASE II, AS SHOWN IN THESE PLANS, CONSISTS OF PAVING APPROXIMATELY ±7,800 L.F. OF EXISTING DIRT ROADWAY. THE PROJECT IS LOCATED IN LAND LOTS 78, 83, 84, 109, 110, 115, & 116 OF THE 9th LAND DISTRICT, IN PEACH COUNTY, GEORGIA.

TOPOGRAPHIC SURVEY:

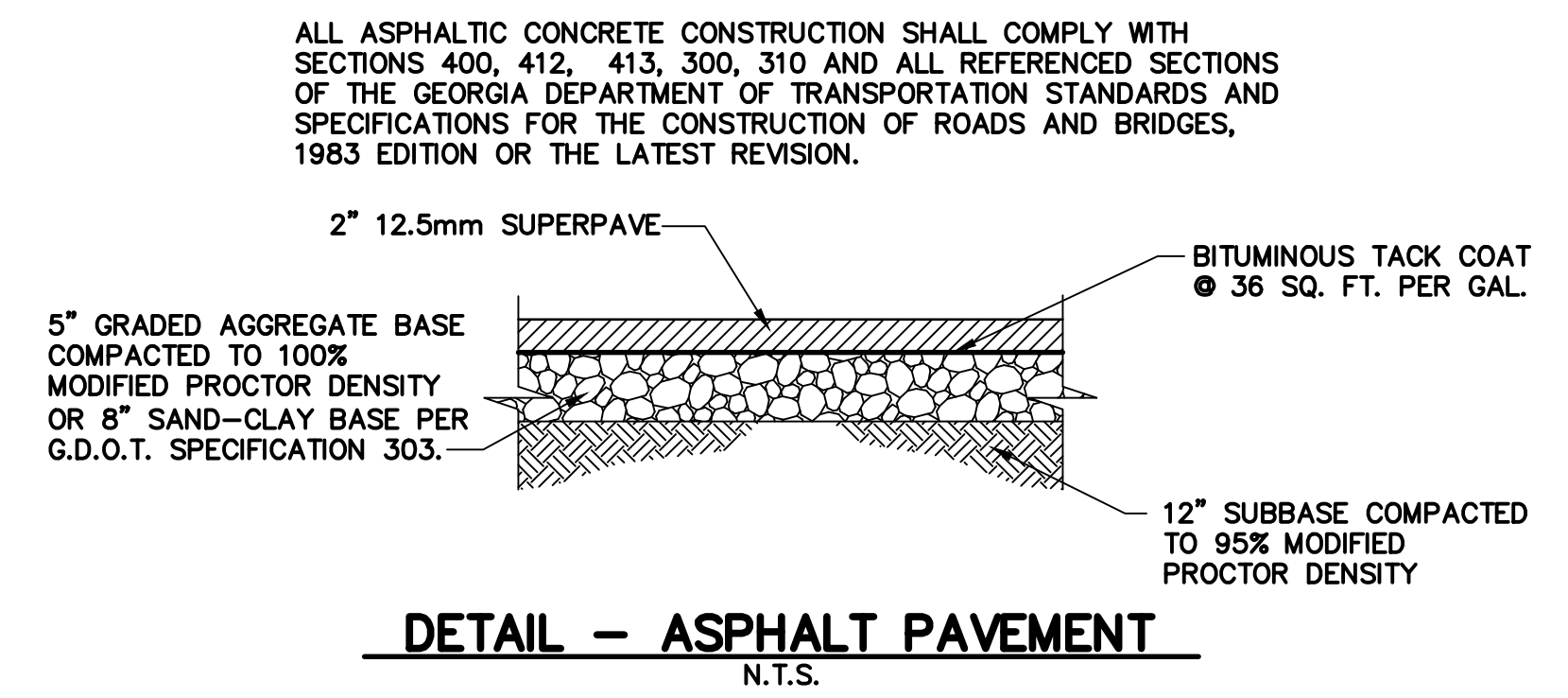
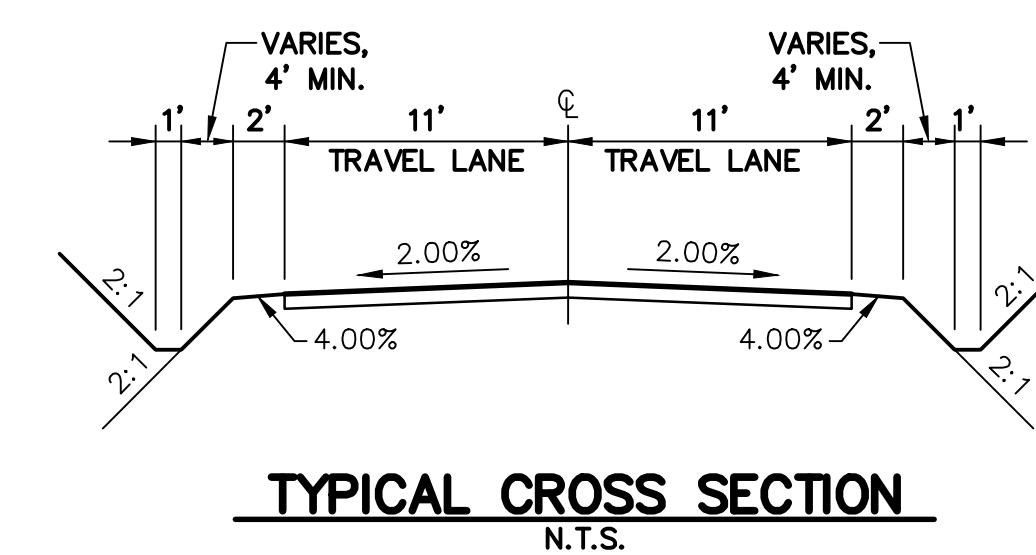
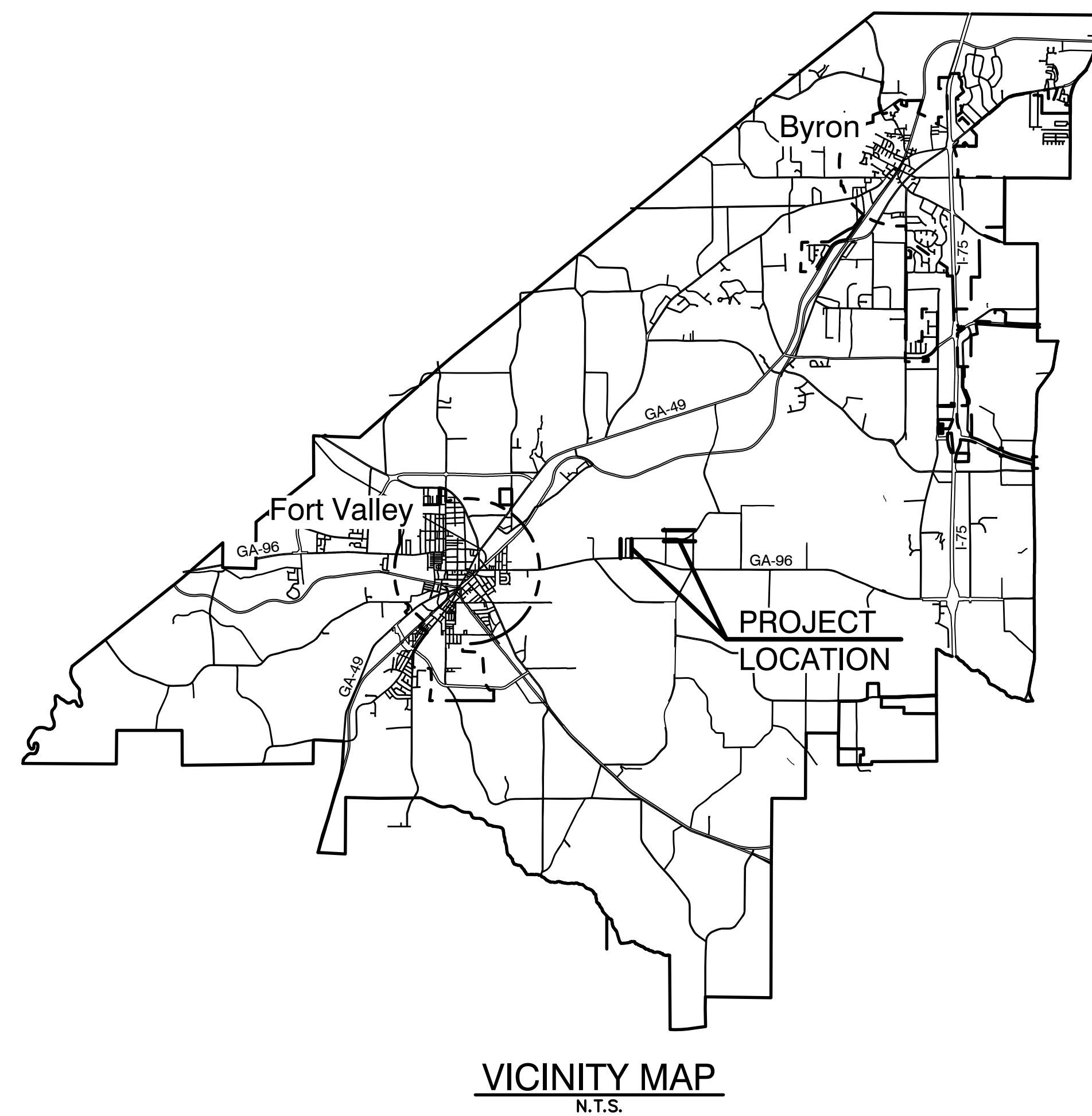
WELLSTON ASSOCIATES LAND SURVEYORS, LLC
DATED: DECEMBER 20, 2020.
REVISED 01-12-2021
EXISTING UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY CONTRACTOR.

OWNER:

PEACH COUNTY BOARD OF COMMISSIONERS
CHAIRMAN: MARTIN MOSELEY
MEMBER: SHANITA BRYANT
MEMBER: ROY LEWIS
MEMBER: BETTY HILL
MEMBER: WADE YODER
213 PERSONS STREET
FORT VALLEY, GEORGIA 31030
PHONE: (478)825-2535

24-HOUR CONTACT:

MICHAELA JONES
PHONE: (478)827-3532



ALL ASPHALTIC CONCRETE CONSTRUCTION SHALL COMPLY WITH SECTIONS 400, 412, 413, 300, 310 AND ALL REFERENCED SECTIONS OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS FOR THE CONSTRUCTION OF ROADS AND BRIDGES, 1983 EDITION OR THE LATEST REVISION.

PRIMARY PERMITTEE	CIVIL ENGINEER
PEACH COUNTY BOARD OF COMMISSIONERS ATTN: 213 PERSONS STREET FORT VALLEY, GA 31030 OFFICE PHONE : 478.825.2535	TRIPLE POINT ENGINEERING RUSSELL WHEELER, P.E. 5223 RIVERSIDE DRIVE, SUITE 101 MACON, GEORGIA 31210 PHONE: 478.476.0700 FAX: 478.476.0776 rwheeler@tpointeng.com

LAND SURVEYOR	24 HR CONTACT
EXISTING CONDITIONS SHOWN ARE FROM A FIELD RUN TOPOGRAPHIC SURVEY PERFORMED BY WELLSTON ASSOCIATES LAND SURVEYORS, LLC DATED: 12-07-2020 REVISED 01-12-2021	THE 24 HR CONTACT SHALL BE A REPRESENTATIVE OF THE CONTRACTOR NAME: MICHAELA JONES PHONE: (478) 825-8717 INTERIM 24 HR CONTACT BECKY COX (DIRECTOR OF ENGINEERING SERVICES) PHONE: 478.827.3534

GENERAL NOTES
1. ABOVE GROUND UTILITY LOCATIONS WERE OBTAINED FROM FIELD OBSERVATIONS. UNDERGROUND UTILITY LOCATIONS AND EASEMENT LOCATIONS AND/OR REFERENCES WERE FURNISHED TO US BY AGENCIES OR INDIVIDUALS AND WE DO NOT CERTIFY THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. UTILITY LOCATIONS SHOULD BE CONFIRMED IN THE FIELD BY THE CONTRACTOR, PRIOR TO PROCEEDING WITH CONSTRUCTION. 2. IF ANY CONFLICTS, DISCREPANCIES, OR OTHER UNSATISFACTORY CONDITIONS ARE DISCOVERED EITHER ON THE CONSTRUCTION DOCUMENTS OR THE FIELD CONDITIONS, THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY AND SHALL NOT COMMENCE OR CONTINUE OPERATION UNTIL THE CONFLICTS, DISCREPANCIES, AND/OR OTHER UNSATISFACTORY CONDITIONS ARE RESOLVED. 3. THIS PROJECT IS SUBJECT TO THE REQUIREMENTS OF NPDES GENERAL PERMIT GAR 100001.

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SHEET NUMBER	SHEET TITLE
--	TITLE SHEET
0.1	GENERAL NOTES
1.0	FULLWOOD RD. PLAN & PROFILE 1 (STA 0+00.00 TO 14+50.00)
1.1	FULLWOOD RD. PLAN & PROFILE 2 (STA 0+00.00 TO 14+50.00)
1.2	FULLWOOD RD. PLAN & PROFILE 2 (STA 14+50.00 TO 25+44.39)
2.0	2.0 CROSS SECTIONS FOR PROFILE 1 (STA 0+00 TO STA 14+00)
2.1	2.1 CROSS SECTIONS FOR PROFILE 2 (STA 0+50 TO STA 18+00)
2.2	2.2 CROSS SECTIONS FOR PROFILE 2 (STA 18+50 TO STA 25+44)
3.0	3.0 DETAILS & NOTES
3.1	3.1 NPDES NOTES

PROJECT DESCRIPTION
THE PROJECT IS LOCATED EAST OF FORT VALLEY WITHIN A RURAL RESIDENTIAL COMMUNITY AND IS THE SECOND PHASE OF A ROADWAY IMPROVEMENT PLAN. PHASE II, AS SHOWN IN THESE PLANS, CONSISTS OF PAVING APPROXIMATELY ±7,800 L.F. OF EXISTING DIRT ROADWAY. THE PROJECT IS LOCATED IN LAND LOTS 78, 83, 84, 109, 110, 115, & 116 OF THE 9th LAND DISTRICT, IN PEACH COUNTY, GEORGIA. TOTAL SITE ACREAGE: 4.13 AC. TOTAL DISTURBED AREA: 4.13 AC. GPS LOCATION OF CONSTRUCTION EXIT: 32.549354° N, 83.900012° W

NO.	DATE	DESCRIPTION

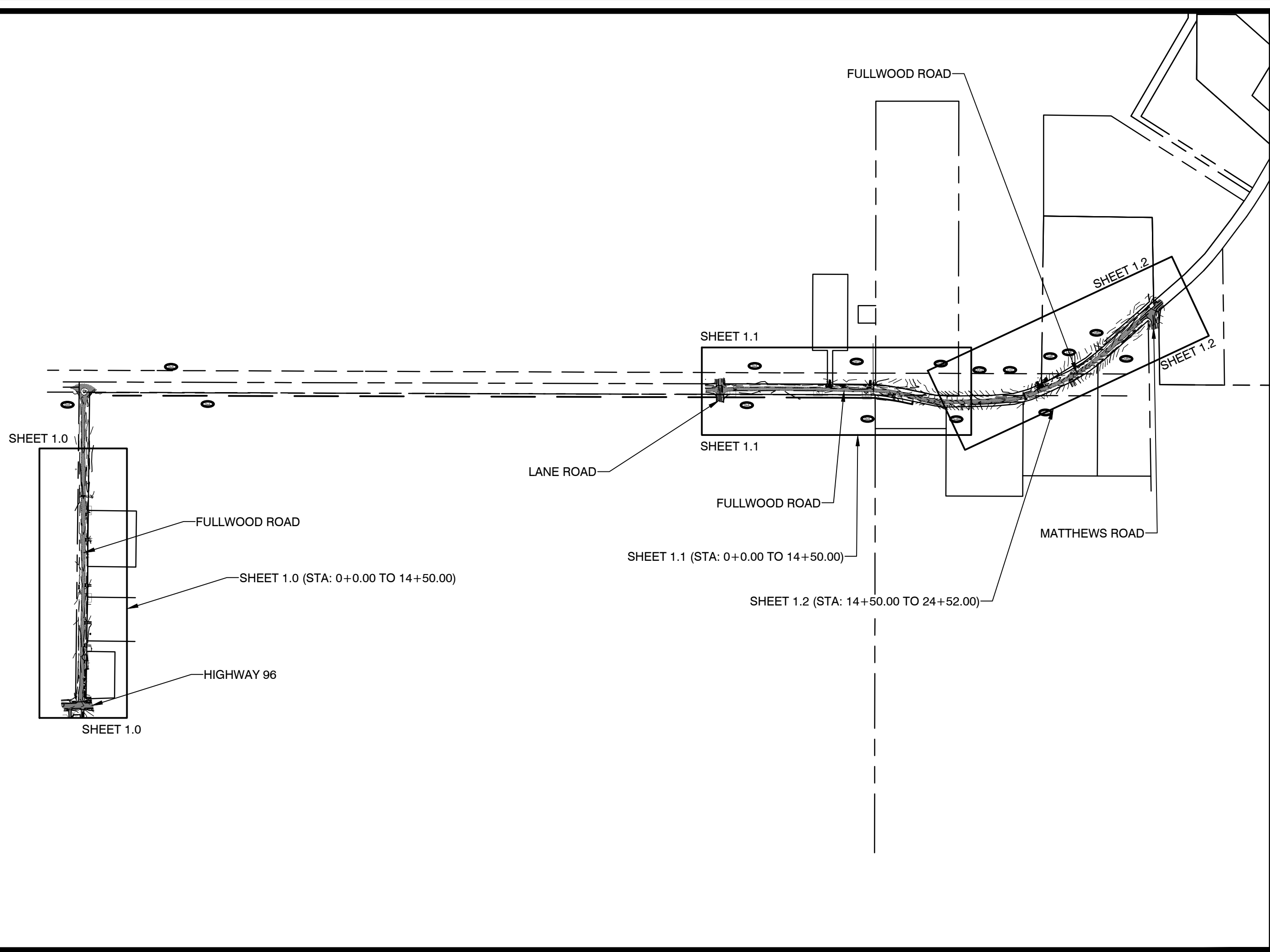
TRIPLE POINT ENGINEERING
5223 Riverside Drive • Suite 101 • Macon, Georgia 31210
phone 478.476.0700 • fax 478.476.0776 • www.tpoineng.com

TITLE SHEET
FULLWOOD ROAD IMPROVEMENTS PHASE II
FOR THE
PEACH COUNTY BOARD OF COMMISSIONERS
213 PERSONS STREET

PRELIMINARY NOT FOR CONSTRUCTION

PROJECT NO.: PCO 030
DATE: FEBRUARY 9, 2021
SCALE: NTS

D:\31030 - road improvements\Fullwood\plan\phase 2 - final\030 - fullwood road phase 2 - final.dwg 12/17/2021



KEY MAP
N.T.S.

LEGEND

	EXISTING	PROPOSED
IRON PIN FOUND	OPF	
IRON PIN SET	OPS	
CONCRETE MONUMENT FOUND	OCMF	
BENCHMARK	⊕	
PROPERTY LINE / RIGHT OF WAY	---	---
CREEK / SWALE	---	---
CONTOUR	100	100
BOLLARD	OB	
WATER LINE	W	W
FIRE HYDRANT	⊕	⊕
WATER VALVE	⊕	⊕
IRRIGATION CONTROL VALVE	ICV	
WATER METER	⊕	
WELL	⊕	
GAS LINE	G	G
GAS VALVE	⊕	
GAS METER	⊕	
MANHOLE	⊕	⊕
SANITARY SEWER LINE	SAN	SAN
CLEAN OUT	⊕	
STORM SEWER PIPE	---	---
HEADWALL	⊕	⊕
DROP/YARD INLET/JUNCTION BOX	⊕	⊕
END SECTION	⊕	⊕
CATCH BASIN (GA. DOT)	⊕	⊕
LIGHT POLE	⊕	
POWER/UTILITY POLE/GUY WIRE	⊕	
OVERHEAD POWER, TELEPHONE, & CABLE	OHP,T,TV	
UNDERGROUND POWER	UGP	
UNDERGROUND TELEPHONE	UGT	
TRANSFORMER	⊕	
TELEPHONE BOX	⊕	
CABLE BOX	⊕	
TREE	⊕	
ASPHALT PAVEMENT	▨	▨
CONCRETE PAVEMENT	▨	▨
UNPAVED/GRAVEL ROAD	▨	▨
WETLANDS	▨	▨
LANDLOT	---	---
100-YEAR FLOOD LIMITS	---	---
EASEMENT	---	---
RAILROAD TRACK	---	---
GUARD RAIL	---	---
FENCE	---	---
BORE HOLE	⊕	

STRIPING AND SIGNAGE:

- WARNING DEVICES SHALL BE PLACED PRIOR TO THE COMMENCEMENT OF WORK WITHIN A PUBLIC RIGHT-OF-WAY AND SHALL REMAIN IN PLACE UNTIL THE WORK WITHIN THE RIGHT-OF-WAY HAS BEEN COMPLETED.
- ALL WARNING DEVICES SHALL BE WITHER TYPE I BARRICADES OR DRUMS WITH WARNING LIGHTS ON EVERY OTHER DEVICE, AND SHALL CONFORM WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS AND LOCAL ORDINANCES FOR COLOR, SIZE, REFLECTIVITY, HEIGHT, AND PLACEMENT.
- ALL SIGNS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS AND LOCAL ORDINANCES FOR COLOR, SIZE, REFLECTIVITY, HEIGHT, AND PLACEMENT.
- STRIPING (WHITE AND YELLOW) AND ARROW MARKINGS SHALL BE APPLIED USING PAINT MEETING THE STANDARDS OF THE GEORGIA DOT OR LOCAL ORDINANCE.
- WHEN NECESSARY, EXISTING STRIPING SHALL BE REMOVED BY GRINDING, UNLESS SPECIFIED OTHERWISE BY THE LOCAL TRAFFIC ENGINEER.
- ALL SIGNS SHALL BE INSTALLED CONCURRENT WITH THE PERFORMANCE OF THE STRIPING WORK.

CONTRACTOR/DEVELOPER NOTES:

- FOR OTHER SITE, MISCELLANEOUS AND/OR SPECIAL NOTES SPECIFIC TO VARIOUS CONSTRUCTION PHASES, REFER TO EACH INDIVIDUAL SHEET FOR SAID NOTES AND/OR CONDITIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND TO THE STORMWATER CONVEYANCE SYSTEM.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT PRIOR TO ORDERING PROJECT MATERIALS THE MOST CURRENT SET OF CONSTRUCTION DOCUMENTS HAVE BEEN OBTAINED FROM THE PROJECT ENGINEER INCLUDING, BUT NOT LIMITED TO, THE APPROVED SET(S) FROM ALL APPLICABLE AGENCIES AS APPROPRIATE. THE PROJECT ENGINEER ACCEPTS NO RESPONSIBILITY FOR IMPROPER ORDERING OF MATERIALS.
- THE DEVELOPER AND/OR DEVELOPERS CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION, SIZE AND MATERIAL OF ANY EXISTING WATER OR SEWER FACILITY PROPOSED FOR CONNECTION OR USE BY THIS PROJECT.
- DISTURBANCE TO ANY SURVEY MARKER MAY REQUIRE RE-ESTABLISHMENT OF THE MARKER OR MONUMENT BY A LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE.

DEMOLITION:

- CONTRACTOR SHALL REVIEW SITE DEVELOPMENT PLANS, AND SHALL REMOVE ALL EXISTING SITE FEATURES REQUIRED FOR CONSTRUCTING THE PROPOSED IMPROVEMENTS.
- ALL PAVEMENT TO BE REMOVED (CONCRETE & ASPHALT) SHALL BE SAW CUT AT THE EDGE OF THE REMOVAL.
- THE CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY OWNERS TO ENSURE UNINTERRUPTED UTILITY SERVICE TO USERS. SERVICE LINES TO BE REMOVED SHALL BE REMOVED TO THE MAIN LINE.
- CLEAN-UP AND DISPOSAL: TRANSPORT TRASH, RUBBISH AND DEBRIS FROM SITE DAILY AND DISPOSE OF THEM IN A LEGAL FASHION. REMOVE AND PROMPTLY DISPOSE OF CONTAMINATED, VERMIN INFESTED, OR DANGEROUS MATERIALS ENCOUNTERED. DO NOT BURN OR BURY MATERIALS ON SITE. REMOVE TOOLS, EQUIPMENT AND PROTECTIONS WHEN WORK IS COMPLETE AND WHEN AUTHORIZED TO DO SO BY THE OWNER AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE WORK.

GRADING AND EARTHWORK NOTES:

- SURVEY CONTROL**
a. THE VERTICAL AND HORIZONTAL DATUM FOR THIS PROJECT CAN BE OBTAINED FROM THE SURVEYOR LISTED ON THE TITLE SHEET.
b. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY IF EXISTING CONDITIONS ENCOUNTERED ON THE PROJECT SITE DIFFER FROM THOSE DEPICTED ON THE PLANS. IF ANY CONFLICTS, DISCREPANCIES, OR OTHER UNSATISFACTORY CONDITIONS ARE DISCOVERED EITHER ON THE CONSTRUCTION DOCUMENTS OR THE FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY AND SHALL NOT COMMENCE OR CONTINUE OPERATION UNTIL THE CONFLICTS, DISCREPANCIES, AND/OR OTHER UNSATISFACTORY CONDITIONS ARE RESOLVED.
- UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AS DEPICTED ON THE DRAWINGS, INCLUDING ADJACENT TRANSITION AREAS. SMOOTH FINISHED SOIL SURFACE WITHIN 0.1' OF THE PROPOSED CONTOURS AS DEPICTED ON THE DRAWINGS. COMPACT WITH UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE SHOWN, OR BETWEEN SUCH POINTS AND EXISTING GRADES.
- SUBGRADE AND FOUNDATION PREPARATION
REMOVE ALL TOPSOIL, VEGETATION, DEBRIS, UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE PRIOR TO PLACEMENT OF FILLS. TOPSOIL SHALL BE CONSIDERED TO MEAN ORIGINAL SURFACE SOIL, TYPICAL OF AREA, WHICH IS CAPABLE OF SUPPORTING NATIVE PLANT GROWTH, AND SHALL BE FREE OF LARGE STONES, ROOTS, BRUSH, WASTE CONSTRUCTION DEBRIS AND OTHER UNDESIRABLE MATERIAL OR CONTAMINATION. PLOW, STRIP, OR BREAK-UP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SO THAT FILL MATERIAL WILL BOND WITH EXISTING SURFACE.
- WHEN EXISTING GROUND SURFACE HAS A DENSITY LESS THAN THAT SPECIFIED UNDER "COMPACTION" FOR PARTICULAR AREA CLASSIFICATIONS, BREAK UP GROUND SURFACE, PULVERIZE, MOISTURE-CONDITION TO OPTIMUM MOISTURE CONTENT, AND COMPACT TO REQUIRED DEPTH AND PERCENTAGE OF MAXIMUM DENSITY. REMOVE AND REPLACE ANY EXISTING GROUND MATERIAL THAT DOES NOT MEET THE CRITERIA FOR SATISFACTORY SOIL MATERIAL OR WILL NOT COMPACT TO THE SPECIFICATIONS LISTED BELOW.
- SATISFACTORY SOIL MATERIALS:
7. SATISFACTORY SOIL MATERIALS FOR FILL MATERIAL SHALL BE LIMITED TO SOILS CLASSIFIED IN ACCORDANCE WITH ASTM D2487 AS SM, SC, ML AND CL. SATISFACTORY SOIL MATERIALS DESCRIBED ABOVE MUST BE FREE OF CLAY, ROCK OR GRAVEL LARGER THAN 2" IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETABLE AND OTHER DELETERIOUS MATTER. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING INCLUDING TESTING OF BORROW MATERIALS TO DETERMINE SUITABILITY FOR USE AS FILL MATERIAL. UNSUITABLE MATERIALS FOR FILLING AND BACKFILLING ARE THOSE CLASSIFIED AS MH, CH, OL, OH AND PT IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM. EXCAVATED SOILS THAT ARE TOO WET TO COMPACT SHALL NOT BE CLASSIFIED UNSUITABLE DUE TO HIGH MOISTURE CONTENT ALONE.
- SOIL PLACEMENT, COMPACTION, AND TESTING REQUIREMENTS**
a. CONTROL SOIL COMPACTION DURING CONSTRUCTION PROVIDING NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY (ASTM D-698) FOR SOILS WHICH EXHIBIT A WELL-DEFINED MOISTURE DENSITY RELATIONSHIP DETERMINED IN ACCORDANCE WITH ASTM STANDARDS.
b. ADDITIONAL COMPACTION SPECIFICATIONS MAY BE ASSOCIATED WITH THE CONSTRUCTION DETAILS
- PLACE BACKFILL AND MATERIALS IN LAYERS NOT MORE THAN 6" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT AND NOT MORE THAN 4" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND OPERATED TAMPERS.
- BEFORE COMPACTION, MOISTEN OR AERATE EACH LAYER AS NECESSARY TO PROVIDE OPTIMUM (OR UP 0.3% ABOVE OPTIMUM FOR DETENTION OR SEDIMENT POND DAMS) MOISTURE CONTENT. COMPACT EACH LAYER TO REQUIRED PERCENTAGE OF MAXIMUM DRY DENSITY OR RELATIVE DRY DENSITY FOR EACH AREA CLASSIFICATION. DO NOT PLACE BACKFILL OR FILL MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN, OR CONTAIN FROST OR ICE. REMOVE AND REPLACE, OR SCARIFY AND AIR DRY, SOIL MATERIAL THAT IS TOO WET TO PERMIT COMPACTION TO SPECIFIED DENSITY.
- PLACE BACKFILL AND FILL MATERIALS EVENLY ADJACENT TO STRUCTURES TO REQUIRED ELEVATIONS. TAKE CARE TO PREVENT WEDGING ACTION OF BACKFILL AGAINST STRUCTURES BY CARRYING MATERIAL UNIFORMLY AROUND STRUCTURE TO APPROXIMATELY SAME ELEVATION IN EACH LIFT. COMPACTION OF SOILS ADJACENT TO STRUCTURES MUST MEET THE SPECIFICATIONS LISTED ABOVE.
- THE CONTRACTOR SHALL PROVIDE AN INDEPENDENT GEOTECHNICAL TESTING SERVICE TO INSPECT AND APPROVE ALL SEDIMENT POND AND DETENTION POND SUBGRADES AND FILL LAYERS. AN EXPERIENCED GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE SHALL OBSERVE THE PREPARATION OF THE DAM FOUNDATION AREA. SUBMIT ONE COPY OF RESULTS OF ALL COMPACTION TEST AND OBSERVATIONS OF PRE-DENSIFICATION TO OWNER AND ENGINEER.
- PERFORM FIELD DENSITY TESTS IN ACCORDANCE WITH ASTM D 2937 (DRIVE CYLINDER METHOD), ASTM D 1556 (SAND CONE METHOD), AS APPLICABLE, OR NUCLEAR METHOD ASTM D 2922. MAKE AT LEAST ONE FIELD DENSITY TEST FOR EACH 12" LAYER OF FILL PLACEMENT FOR EVERY 2,500 SQ. FT. OF FILL AREA. FOR DAMS OR 5,000SQFT FOR NON-DAM EARTHWORK AREAS.
- THE CONTRACTOR SHALL ENGAGE A GEOTECHNICAL FIRM TO HAVE A QUALIFIED REPRESENTATIVE ON SITE ON A FULL-TIME BASIS DURING SUBGRADE EVALUATION AND FILL PLACEMENT FOR ALL SEDIMENT POND AND DETENTION POND DAM CONSTRUCTION. THE GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE SHALL ALSO INSPECT AND VERIFY IN WRITING THAT, IF REQUIRED BY THE PLAN, THE ANTI-SEEP COLLARS ARE PRESENT AND PROPERLY PLACED.**
- IF IN THE OPINION OF THE ENGINEER, BASED ON TESTING SERVICE REPORTS AND INSPECTIONS, SUBGRADE OR FILLS WHICH HAVE BEEN PLACED ARE BELOW SPECIFIED DENSITY, REMOVE THE UNSUITABLE FILL AND REPLACE IT WITH FILL MATERIAL COMPACTED TO THE SPECIFICATIONS ABOVE.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF THE DISCOVERY OF ANY GROUNDWATER, SUB-SURFACE SEEPAGE, OR SPRINGS DISCOVERED DURING THE COURSE OF CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH A REGISTERED GEOTECHNICAL ENGINEER TO INSPECT THE SITE, AND TO MAKE ANY RECOMMENDATIONS REGARDING EVIDENCE AND REMEDIATION (IF ANY) OF SAID SUB-SURFACE WATERS.
- THE CONTRACTOR SHALL INCLUDE IN THE BID COSTS RELATED TO TEMPORARY AND/OR PERMANENT MEASURES PROVIDED TO REMOVE SUBSURFACE SEEPAGE, SPRINGS OR OTHER GROUND WATER DURING AND PERMITTING, FRENCH DRAIN, ETC. WHETHER OR NOT DEPICTED IN THE BID SET.
- ALL CUT AND FILL SLOPES (WHERE NO WALL IS PROPOSED) SHALL BE EQUAL TO OR FLATTER THAN 2:1 (HORIZONTAL:VERTICAL).
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STATE AND CITY PERMITS; INCLUDING, BUT NOT LIMITED TO BUILDING, EROSION CONTROL, AND ENCROACHMENT PERMITS. NO WORK IS TO BE INITIATED UNTIL PERMITS ARE RECEIVED.
- ALL UTILITY TRENCHES ARE TO BE THOROUGHLY COMPACTED TO PREVENT SETTLEMENT AND DAMAGE TO FURTHER CONCRETE/ASPHALTIC PAVEMENT AND STRUCTURES.
- AS-BUILT SURVEY REQUIRED**
a. THE CONTRACTOR OR OWNER SHALL CONTRACT WITH A REGISTERED LAND SURVEYOR TO OBTAIN AN "AS-BUILT" SURVEY OF ALL DETENTION PONDS AND SEDIMENT PONDS (INCLUDING THE DAM AND OUTLET STRUCTURES). THE SURVEY SHALL RECORD THE TOPOGRAPHY AND SIZE OF THE ENTIRE SEDIMENT POND OR DETENTION POND BASIN (MEASURED FROM THE LOW-POINT OF THE BASIN TO THE HIGH-POINT OF THE DAM.) THE GEOMETRY OF THE OUTLET STRUCTURES (INCLUDING THE EMERGENCY SPILLWAY), AND THE SIZE/TYPE/INVERTS OF ALL PIPES ASSOCIATED WITH THE STRUCTURE.
- THE CONTRACTOR OR OWNER SHALL KEEP THE AS-BUILT DAM SURVEY INFORMATION AND SOIL COMPACTION TESTING DOCUMENTATION ON FILE FOR A PERIOD OF AT LEAST THREE YEARS FOLLOWING COMPLETION OF THE PROJECT. AT HIS OPTION, IF NOT REQUIRED BY LOCAL JURISDICTION, THE CONTRACTOR/OWNER MAY SUBMIT THE AS-BUILT SURVEY INFORMATION TO THE DESIGN ENGINEER FOR VERIFICATION THAT THE SEDIMENT POND AND/OR DETENTION POND CONSTRUCTION MEETS THE INTENT OF THE DESIGN AND THE LINES AND GRADES DEPICTED ON THE CONSTRUCTION DRAWINGS.
- UNLESS OTHERWISE NOTED FINISH GROUND IS 8" BELOW TOP OF SLAB

ELECTRONIC CAD FILE NOTICE

THE DWG FILE IS ONLY SUITABLE FOR USE BY THE DESIGN PROFESSIONAL FOR PRODUCING PRINTS OF THE DESIGN INTENT. ANY OTHER USE OF THE DWG FILE IS AT THE RISK OF THE USER.

FLOODPLAIN/WETLANDS/STATE WATERS:

- WETLANDS SHOWN UPON THESE CONSTRUCTION DOCUMENTS (IF ANY) ARE UNDER THE JURISDICTION OF THE U.S. ARMY CORPS OF ENGINEERS. CURRENT AND/OR FUTURE LAND OWNERS MAY BE SUBJECT TO LAW ENFORCEMENT FOR DISTURBANCE TO THESE WETLANDS AREAS WITHOUT PROPER AUTHORIZATION.
- THERE IS ESTABLISHED A 25 FOOT BUFFER ALONG THE BANKS OF ALL STATE WATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION. NO LAND DISTURBING ACTIVITIES SHALL BE CONDUCTED WITHIN A STATE WATER BUFFER UNLESS A BUFFER VARIANCE HAS BEEN OBTAINED FOR THIS PROJECT.

UTILITY LOCATION:

- THE CONTRACTOR SHALL LOCATE UTILITIES BY CALLING (TOLL FREE) 811 A MINIMUM OF 48 HOURS PRIOR TO THE START OF ANY EXCAVATION AS SHOWN ON THIS PLAN. ABOVE GROUND UTILITY LOCATIONS WERE OBTAINED FROM FIELD OBSERVATIONS AND AVAILABLE RECORDS. UNDERGROUND UTILITY LOCATIONS AND EASEMENT LOCATIONS AND/OR REFERENCES WERE FURNISHED TO US BY AGENCIES OR INDIVIDUALS AND WE DO NOT CERTIFY THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. UTILITY LOCATIONS SHALL BE CONFIRMED IN THE FIELD PRIOR TO PROCEEDING WITH CONSTRUCTION. THE OWNER SHALL COORDINATE WITH EASEMENT AND UTILITY OWNERS PRIOR TO COMMENCING CONSTRUCTION.
- ALL EXISTING UTILITIES, UTILITIES EASEMENTS, AND UTILITY RIGHT-OF-WAY MAY NOT BE DEPICTED ON THESE DRAWINGS. UNDERGROUND UTILITY LOCATIONS SHOWN ON THIS PLAN (IF ANY) ARE APPROXIMATE ONLY, AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF ANY SUCH UTILITIES. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO COMMENCING WORK. THE UTILITY LOCATIONS SHOWN ON THIS PLAN ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY TO VERIFY ALL UTILITY LOCATION. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL DAMAGES TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY EXISTING UTILITIES WILL AFFECT OR IMPEDE THE PROGRESSION OR COMPLETION OF THE DESIGN INTENT OF THESE CONSTRUCTION DOCUMENTS.
- THE CONTRACTOR SHALL COORDINATE RELOCATION OF ANY EXISTING UTILITIES WITH THE APPROPRIATE UTILITY OWNER PRIOR TO THE START OF ANY CONSTRUCTION.
- UTILITY OWNERS SHALL BE NOTIFIED IN ADVANCE OF THE WORK.

STORMWATER:

- THE CONTRACTOR MUST PROTECT DRAINAGE STRUCTURES DURING CONSTRUCTION. ONCE A PIPE IS PLACED, ADDITIONAL PROTECTIVE FILL MAY BE NEEDED OVER STORM DRAIN PIPES DURING THE CONSTRUCTION PROCESS.
- ALL PIPE THAT IS PART OF A ROADWAY DRAINAGE SYSTEM, IF ANY, SHALL BE 14 GAUGE MINIMUM BCMP UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS.
- PIPE SHALL TO BE INSTALLED PER GA DOT STD 1030D.
- CORRUGATED METAL PIPE, IF SHOWN, SHALL BE INSTALLED IN LENGTHS TO PREVENT JOINTS FROM BEING LOCATED UNDER THE PAVEMENT.
- ALL DROP INLETS SHALL BE PER GA DOT STD OR OTHER ACCEPTABLE DESIGN MODIFIED WITH A RAISED WEIR INLET AND A METAL CLEAN OUT COVER.
- ALL HEADWALLS SHALL BE CONSTRUCTED PER GA DOT STANDARDS.
- ALL CATCH BASINS SHALL BE CONSTRUCTED PER GA DOT STD 1033D OR 1034D, UNLESS AN ALTERNATE DETAIL IS PROVIDED.
- ALL FLARED END SECTIONS SHALL BE PER GA DOT STD 1120.
- ALL JUNCTION BOXES SHALL BE PER GA DOT STD OR OTHER ACCEPTABLE DESIGN MODIFIED WITH A METAL CLEAN OUT COVER.

EROSION AND CONTROL:

- ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING AS SHOWN AND/OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR LOCAL INSPECTOR. GRADING SHALL NOT BE INITIATED UNTIL SILT BARRIER INSTALLATION AND SEDIMENT CONTROL FACILITIES ARE CONSTRUCTED.
- ADDITIONAL EROSION CONTROL MEASURES SHALL BE EMPLOYED WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS.
- PROVISIONS TO PREVENT EROSION OF SOIL FROM THE SITE SHALL BE, AT A MINIMUM, IN CONFORMANCE WITH THE REQUIREMENTS OF THE MANUAL FOR SEDIMENT AND EROSION CONTROL IN GEORGIA AND IN CONFORMANCE WITH LOCAL ORDINANCES.
- PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION EXIT SHALL BE CONSTRUCTED AT EACH SITE ENTRY/EXIT. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THEY MAY REQUIRE PERIODIC REPAIR AND/OR TOP DRESSING WITH STONE.
- PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL OCCUR INSIDE THE APPROVED LIMITS AS INDICATED ON THE APPROVED PLANS.
- IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCES/EXITS, ALL PERIMETER EROSION CONTROL DEVICES AND SEDIMENT STORAGE DEVICES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- STORM DRAIN SYSTEMS SHALL BE PROTECTED AND MAINTAINED SUCH THAT THEY REMAIN CLEAN AND FREE OF SILT AND DEBRIS.
- SEEDING SPECIFICATIONS AND APPLICATION RATES ARE SHOWN IN THIS PLAN. ANY SUBSTITUTIONS WILL REQUIRE APPROVAL OF THE LOCAL GOVERNMENTAL AGENCY AND THE OWNER.
- EROSION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY NEED TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. THE CONTRACTOR SHALL REPORT ANY DIFFICULTY IN CONTROLLING EROSION DURING CONSTRUCTION TO THE ENGINEER.



Know what's below.
Call before you dig.

ISSUE SEQUENCE

NO.	DATE	DESCRIPTION

TRIPLE POINT ENGINEERING

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GENERAL NOTES

FULLWOOD ROAD IMPROVEMENTS PHASE II
FOR THE
PEACH COUNTY BOARD OF COMMISSIONERS
213 PERSONS STREET

PRELIMINARY NOT FOR CONSTRUCTION

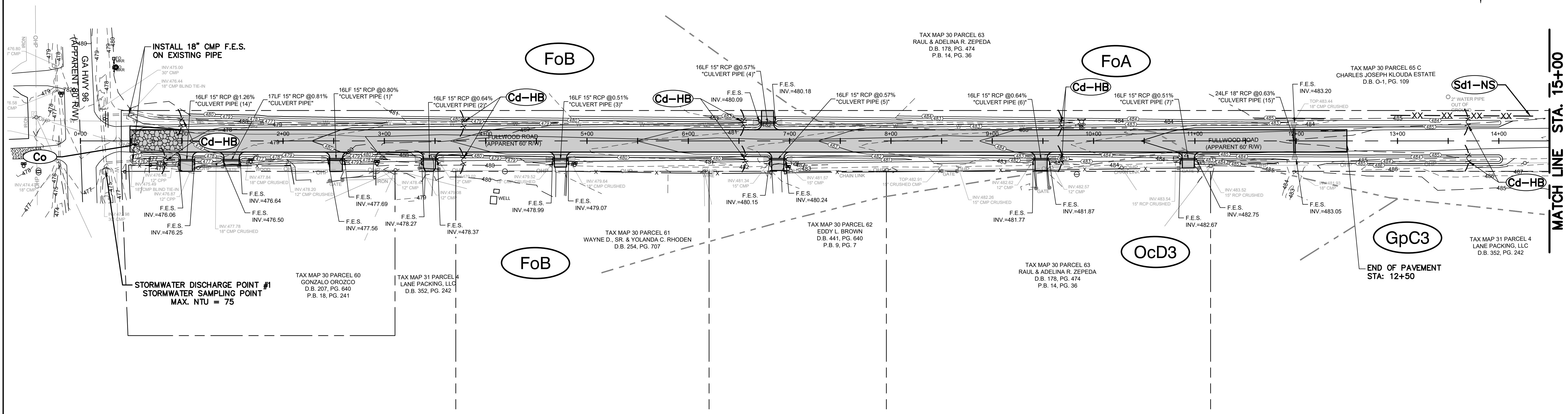
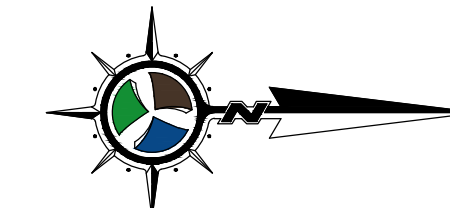
PROJECT NO.: PCO 030
DATE: FEBRUARY 9, 2021
SCALE: NTS

0.1

REMOVE AND/OR RELOCATE ALL MAILBOX, FENCES, UTILITY STRUCTURES, METERS, AND ANY OTHER SITE FEATURES THAT MAY EXIST WITHIN THE RIGHT-OF-WAY OR CONSTRUCTION EASEMENTS THAT MAY BE DISTURBED OR REQUIRE RELOCATION DURING ROADWAY AND DITCH CONSTRUCTION.

Du Ds1 Ds2 Ds3
ALL DISTURBED AREAS

Pm AND/OR Ds1
ON ALL AREAS LEFT DISTURBED FOR MORE THAN SEVEN (7) CALENDAR DAYS



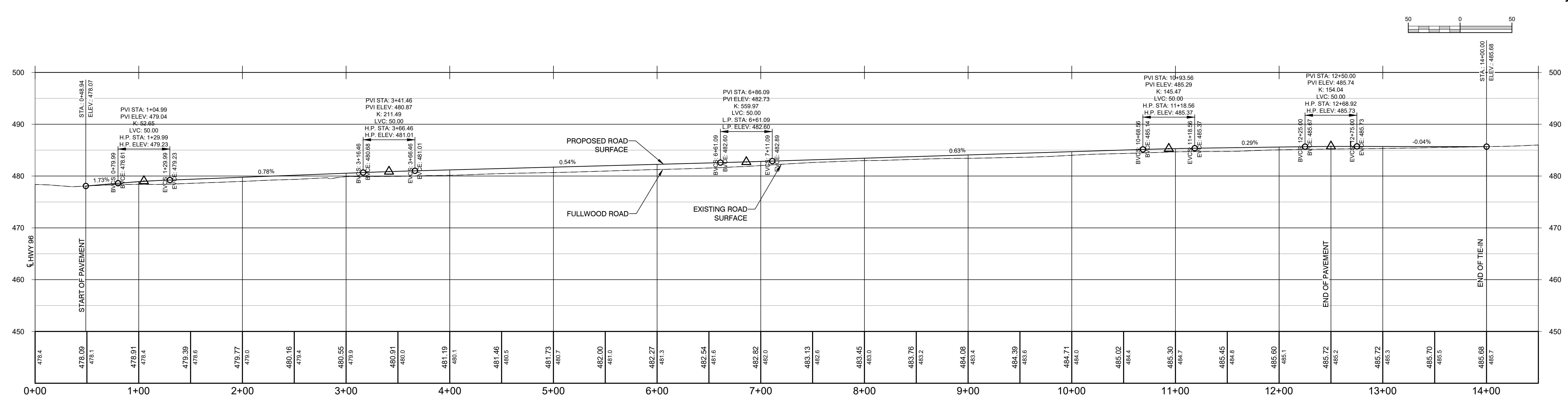
PLAN - FULLWOOD ROAD, STA. 0+00 - 14+00
SCALE: 1"=50'

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

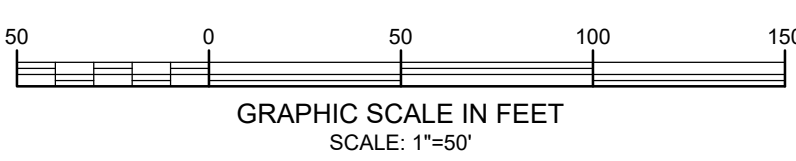
Russell R Wheeler
Level II Certified Design Professional

CERTIFICATION NUMBER 11/01/2020 ISSUED: 0000052746 EXPIRES: 11/01/2023

SOILS LEGEND		SOILS CLASSIFICATION	
FoA	FACEVILLE FINE SANDY LOAM 0% TO 2% SLOPES		B
FoB	FACEVILLE FINE SANDY LOAM 2% TO 5% SLOPES		B
OcD3	ORANGEBURG SANDY LOAM 8% TO 12% SLOPES, SEVERELY ERODED		B
GpC3	GREENVILLE CLAY LOAM 5% TO 8% SLOPES, SEVERELY ERODED		B



PROFILE - FULLWOOD RD. 1, 0+00 - 14+00
SCALE: 1"=20' H., 1"=4' V.



NO.	DATE	ISSUE SEQUENCE	DESCRIPTION

TRIPLE POINT ENGINEERING

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FULLWOOD RD. PLAN & PROFILE 1 (STA 0+00.00 TO 14+50.00)

FULLWOOD ROAD IMPROVEMENTS PHASE II
FOR THE
PEACH COUNTY BOARD OF COMMISSIONERS
213 PERSONS STREET

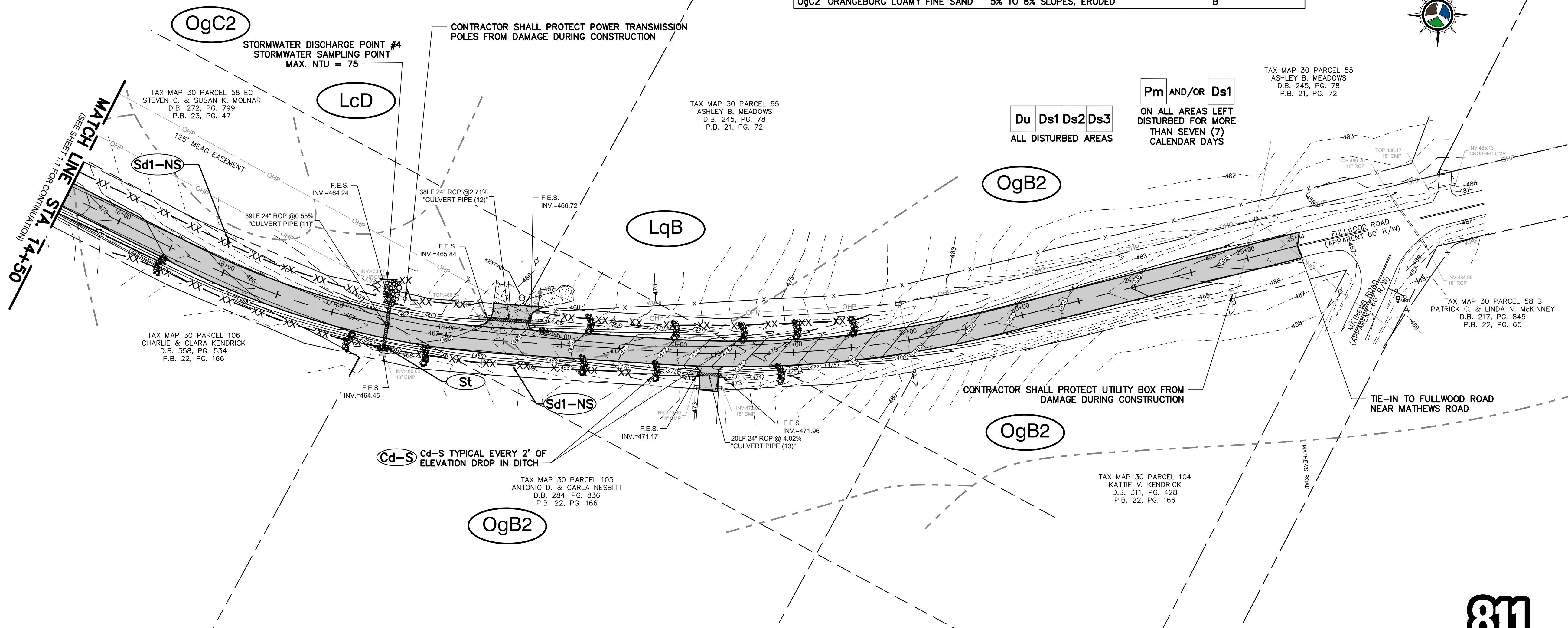
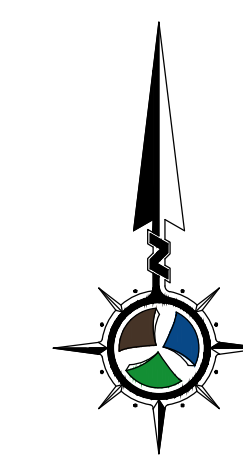
PRELIMINARY NOT FOR CONSTRUCTION

PROJECT NO.: PCO 030
DATE: FEBRUARY 9, 2021
SCALE: NTS

1.0

REMOVE AND/OR RELOCATE ALL MAILBOX, FENCES, UTILITY STRUCTURES, METERS, AND ANY OTHER SITE FEATURES THAT MAY EXIST WITHIN THE RIGHT-OF-WAY OR CONSTRUCTION EASEMENTS THAT MAY BE DISTURBED OR REQUIRE RELOCATION DURING ROADWAY AND DITCH CONSTRUCTION.

SOILS LEGEND		SOILS CLASSIFICATION	
LcD	LUCY SAND	8% TO 12% SLOPES	A
LqB	LAKELAND FINE SAND	0% TO 5% SLOPES	A
OgB2	ORANGEBURG LOAMY FINE SAND	2% TO 5% SLOPES, ERODED	B
OgC2	ORANGEBURG LOAMY FINE SAND	5% TO 8% SLOPES, ERODED	B

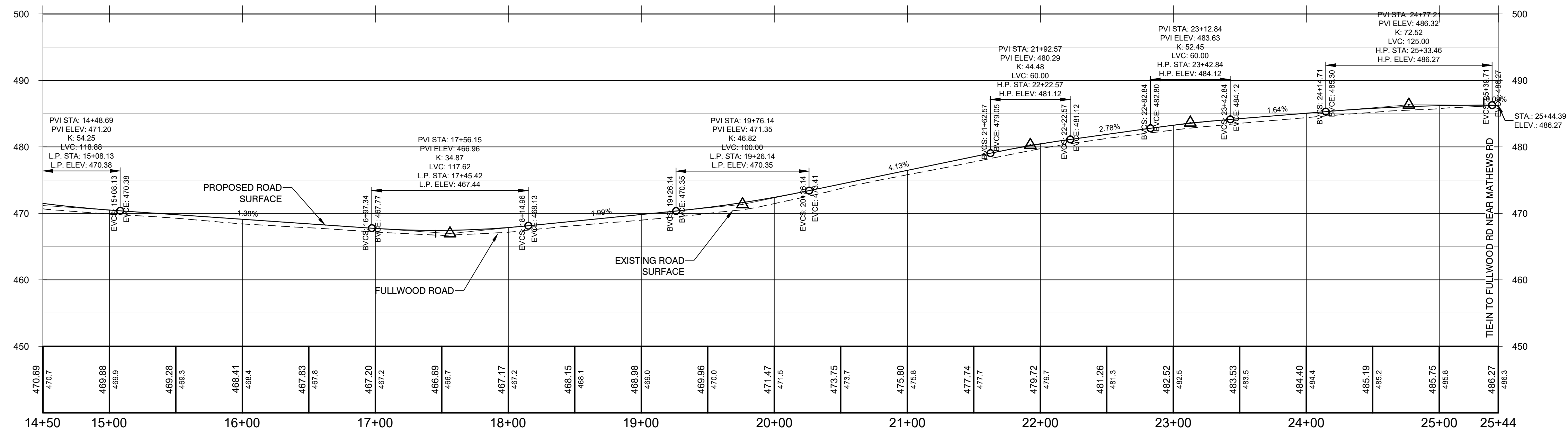


PLAN - FULLWOOD ROAD, STA. 15+00 - 25+44
SCALE: 1"=50'

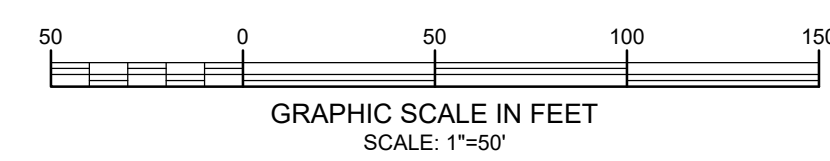
GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

Russell R Wheeler
Level II Certified Design Professional

CERTIFICATION NUMBER: 0000052746
ISSUED: 11/01/2020 EXPIRES: 11/01/2023



PROFILE - FULLWOOD RD. 2, 14+50 - 25+44
SCALE: 1"=20' H., 1"=4' V.



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FULLWOOD RD. PLAN & PROFILE 2 (STA 14+50.00 TO 25+44.39)

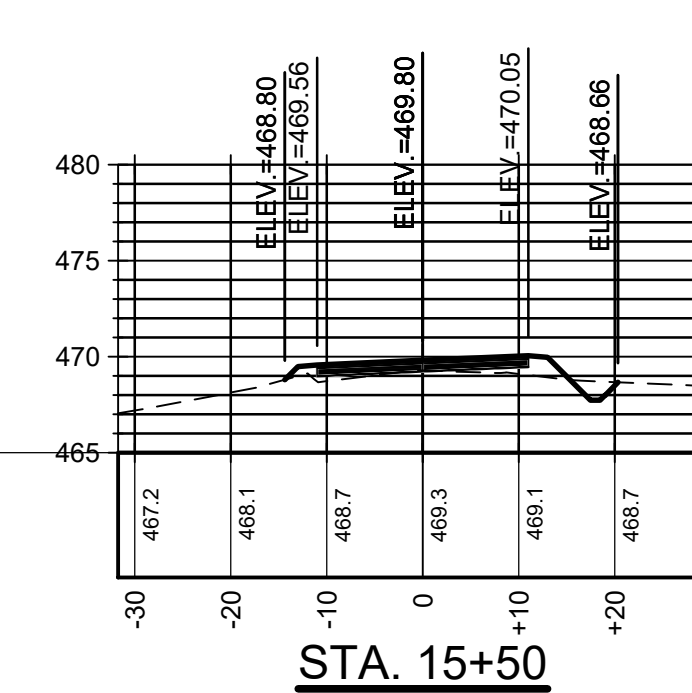
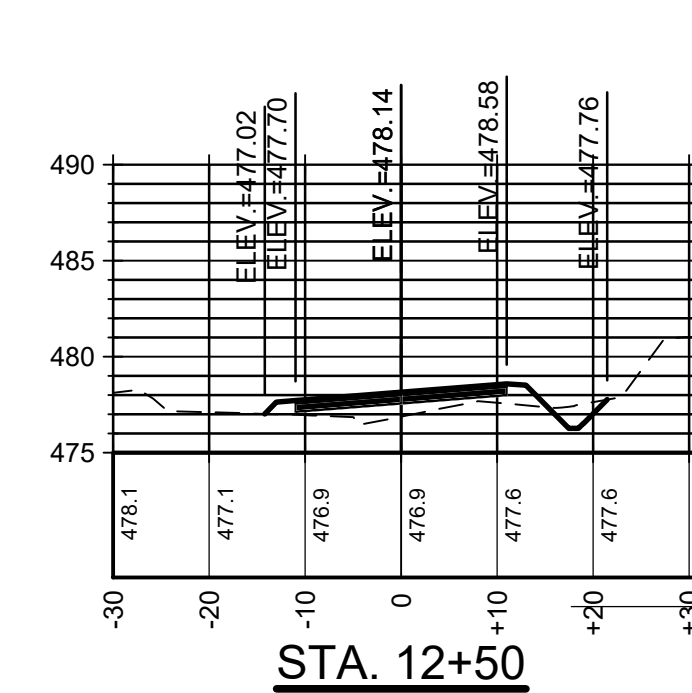
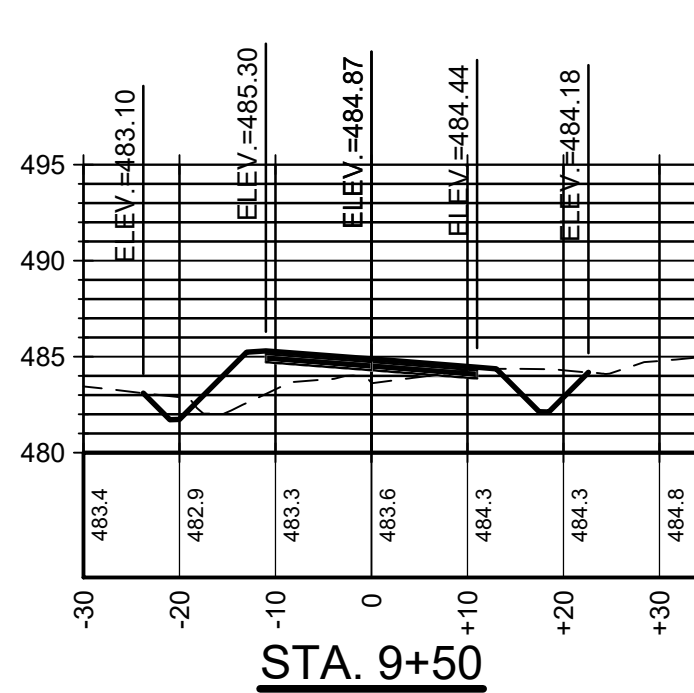
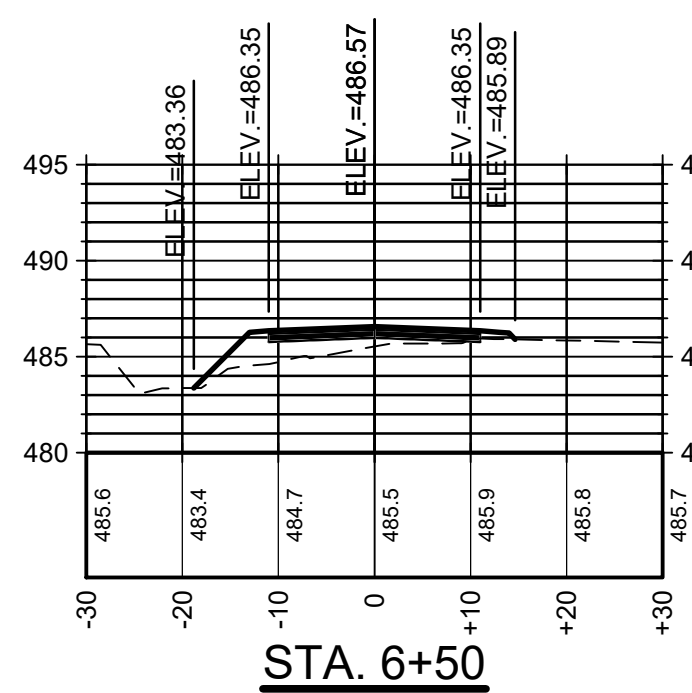
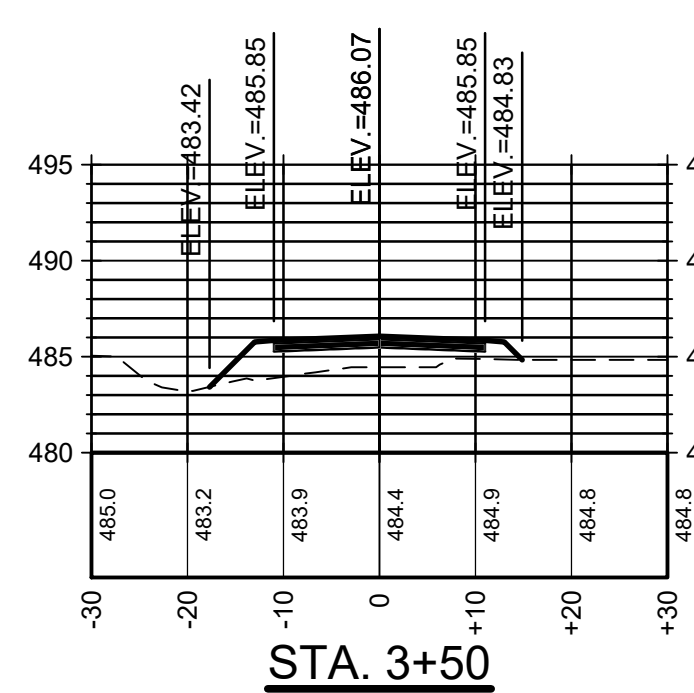
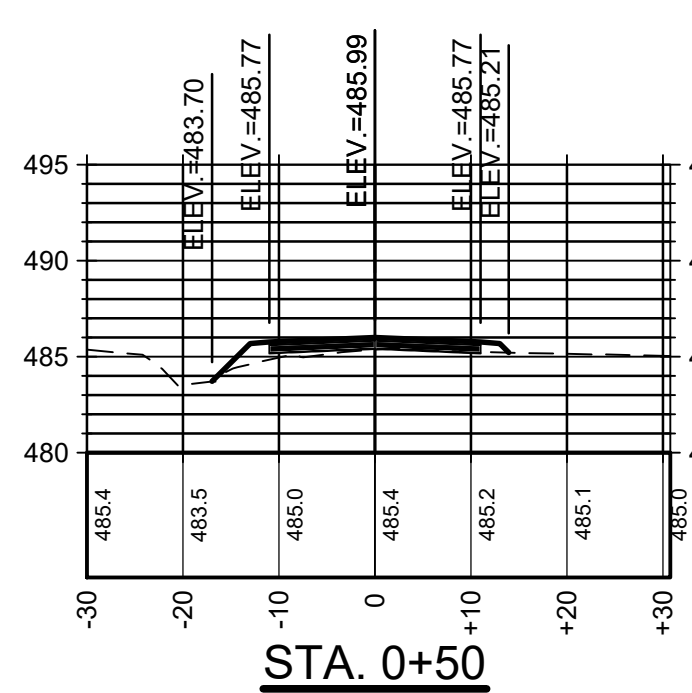
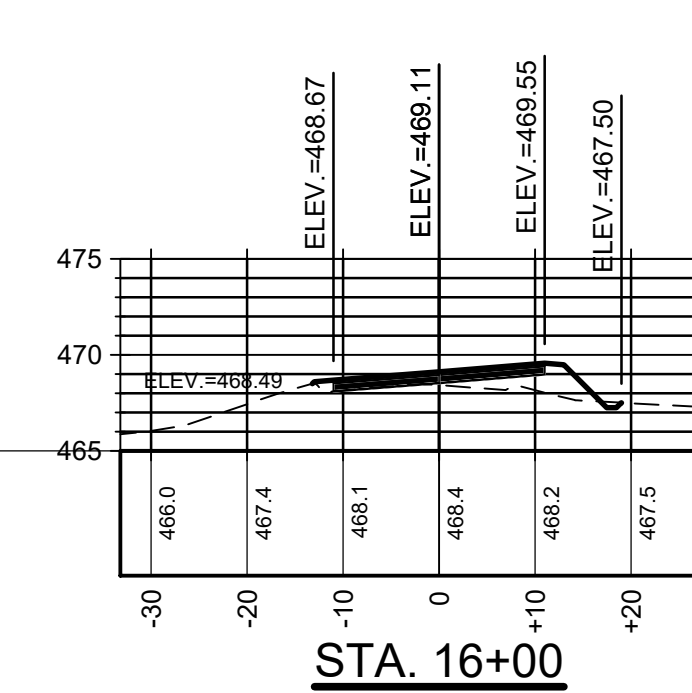
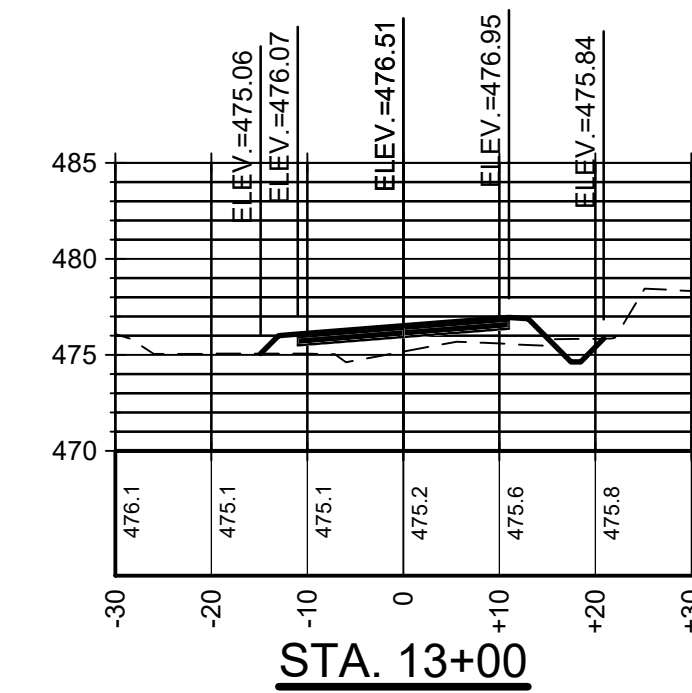
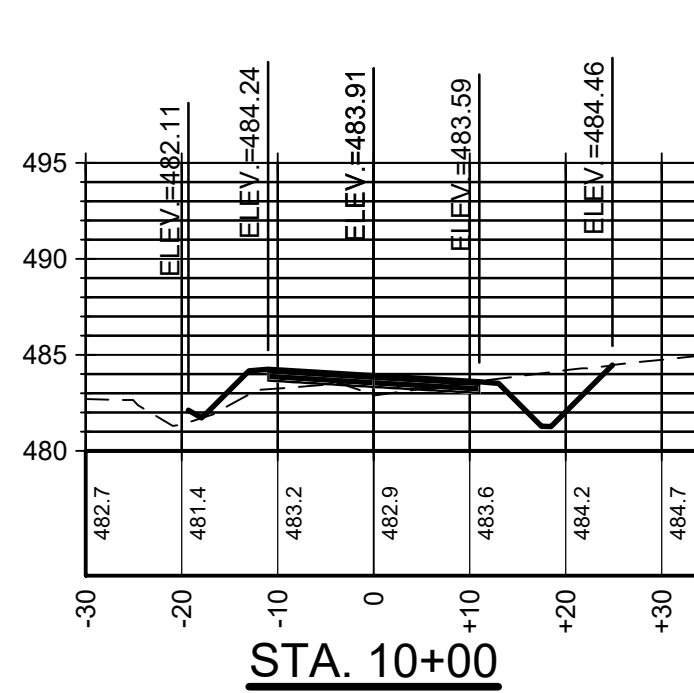
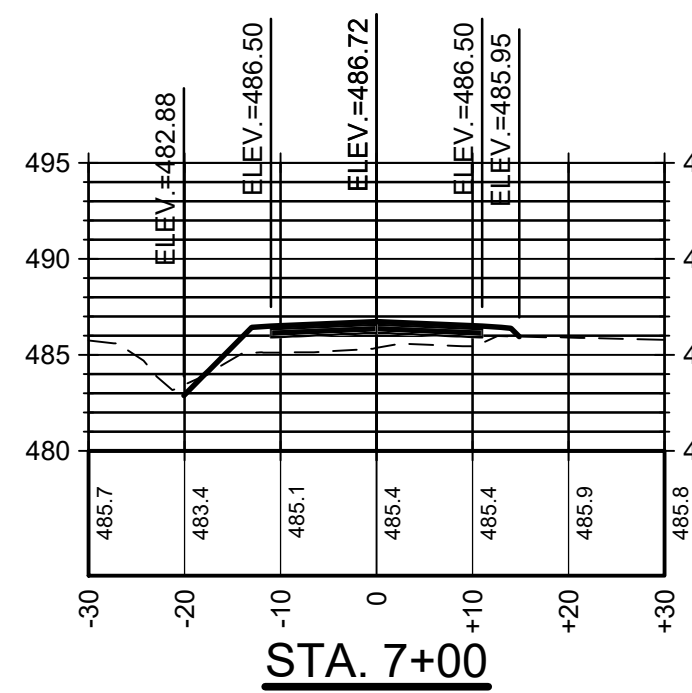
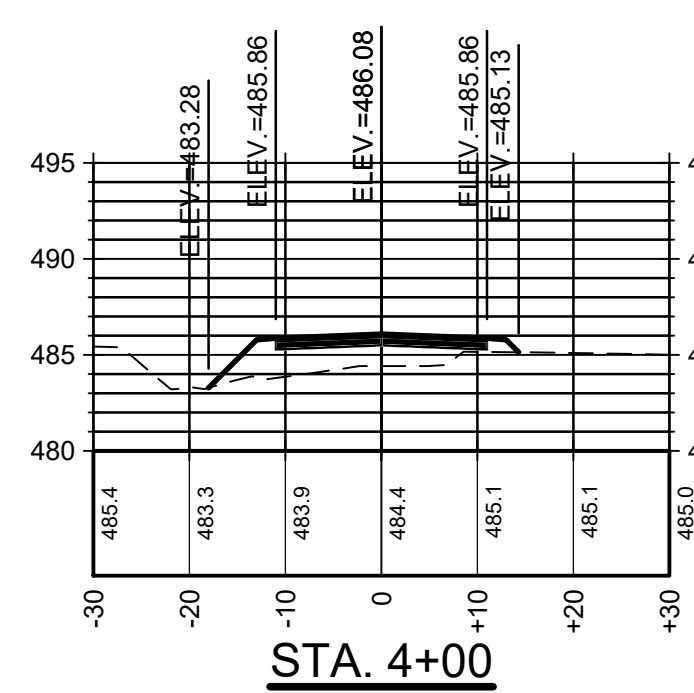
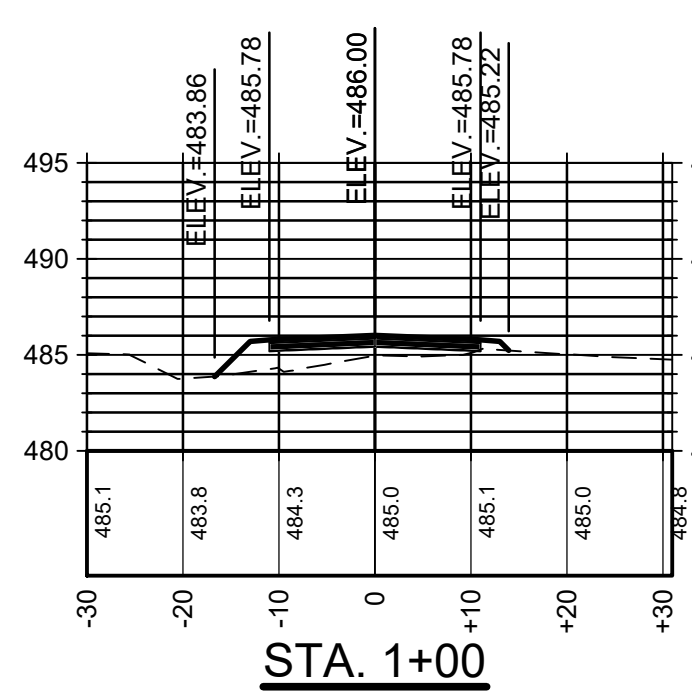
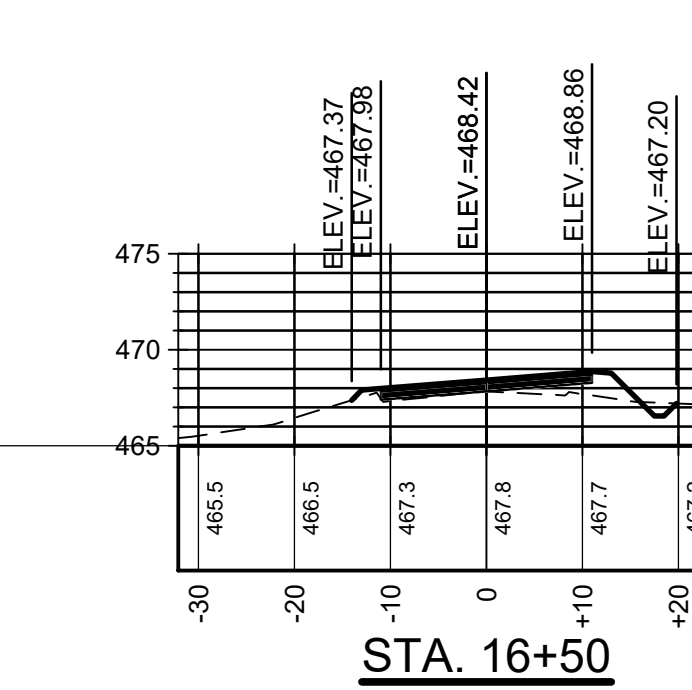
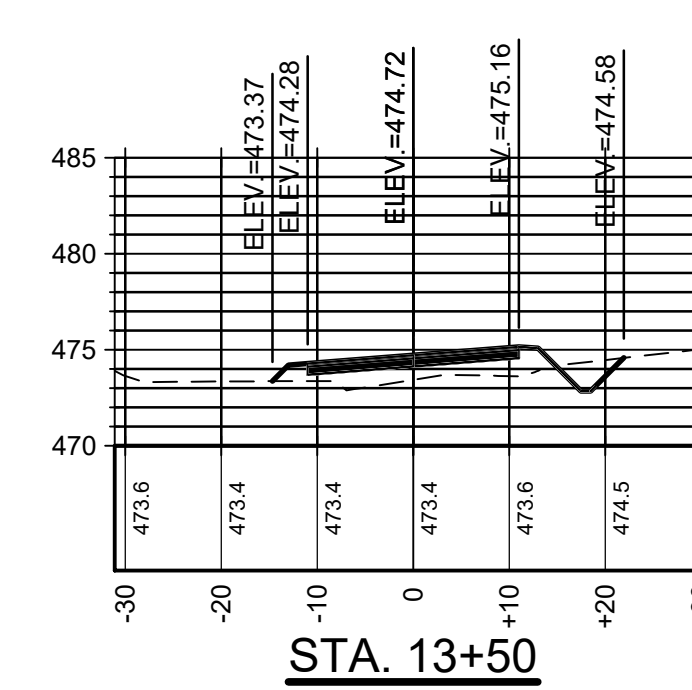
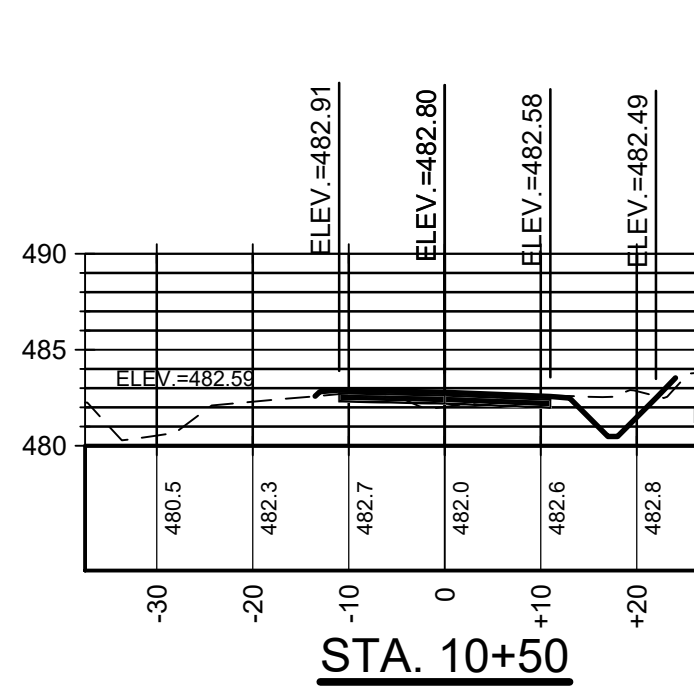
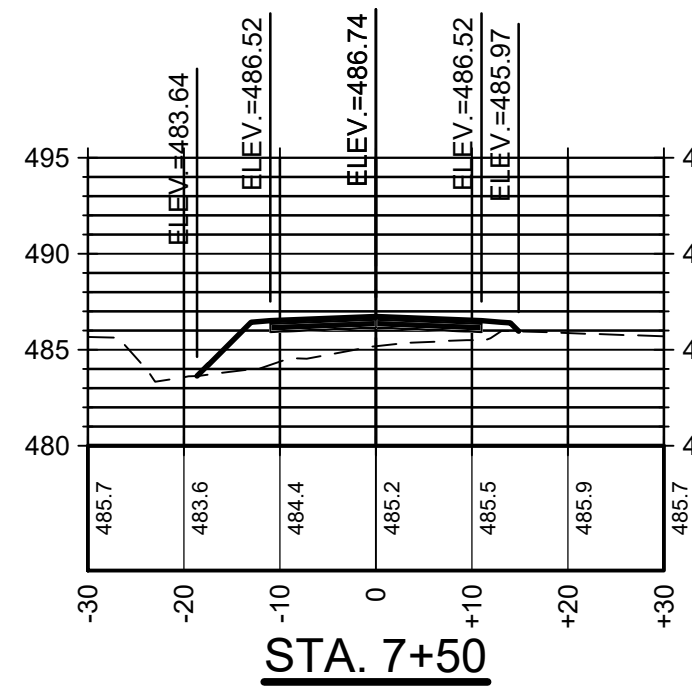
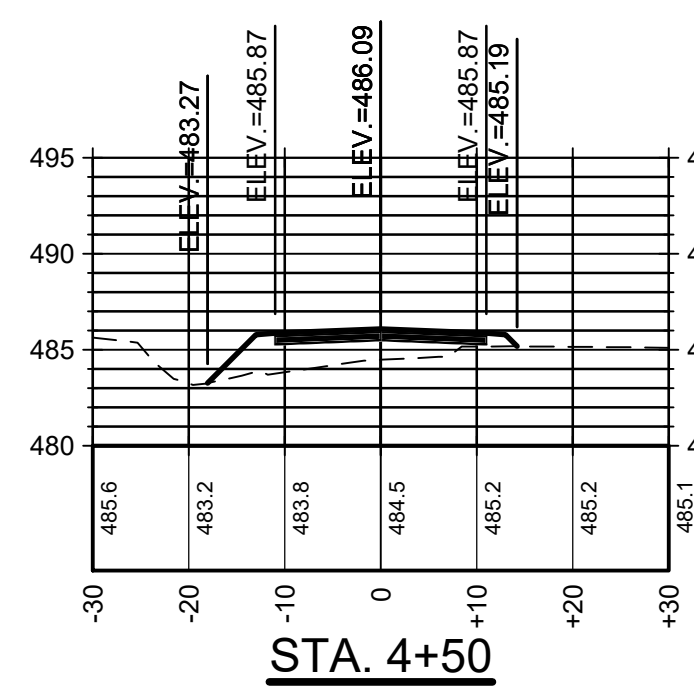
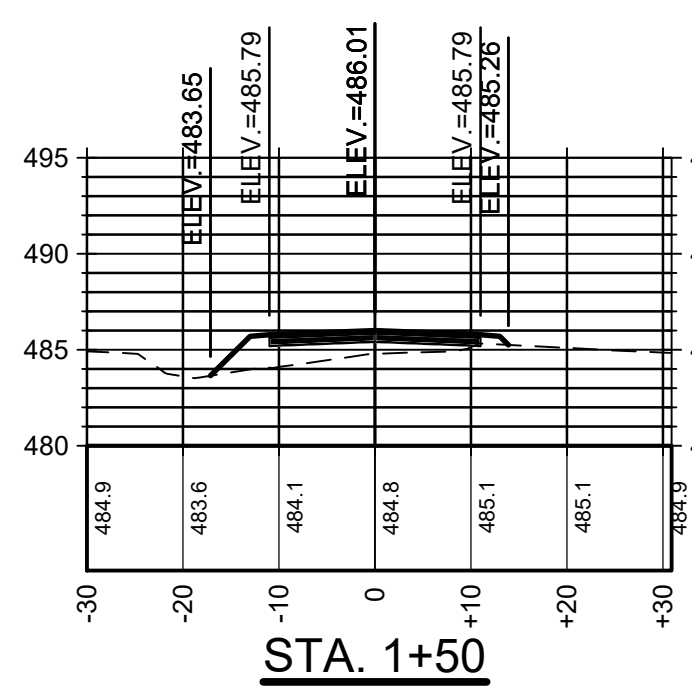
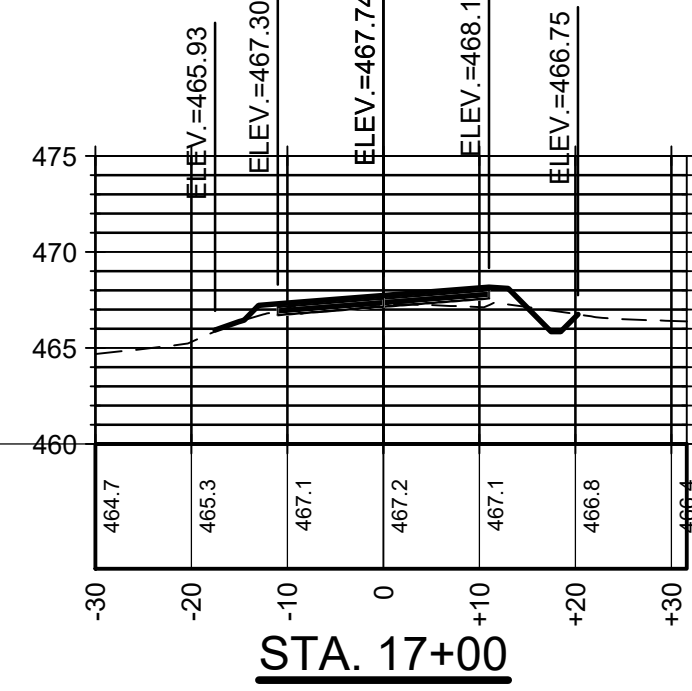
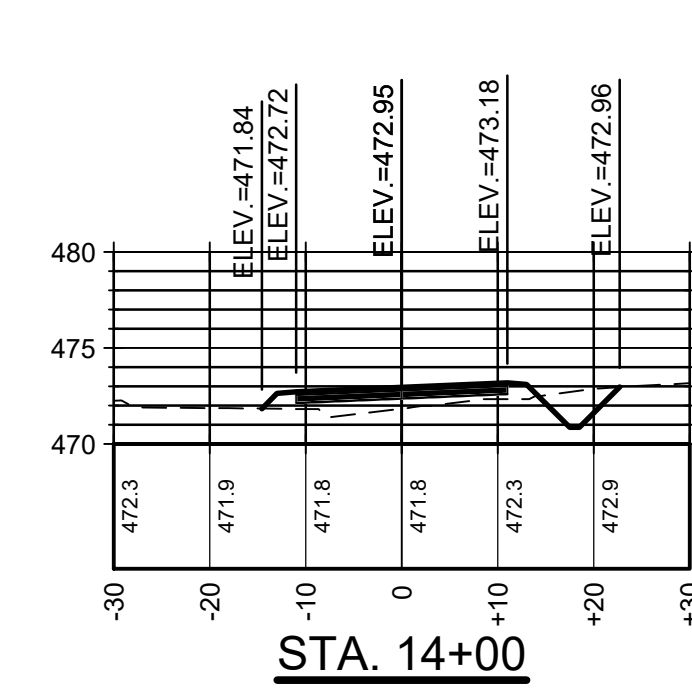
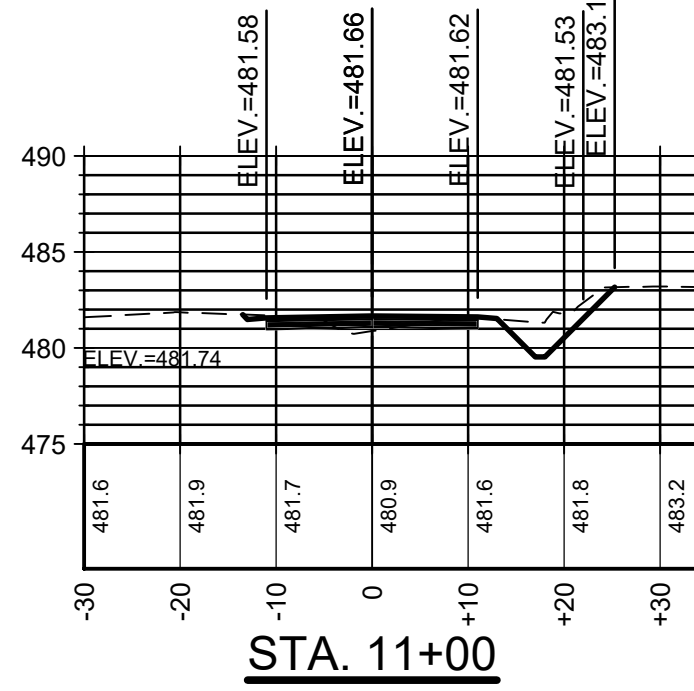
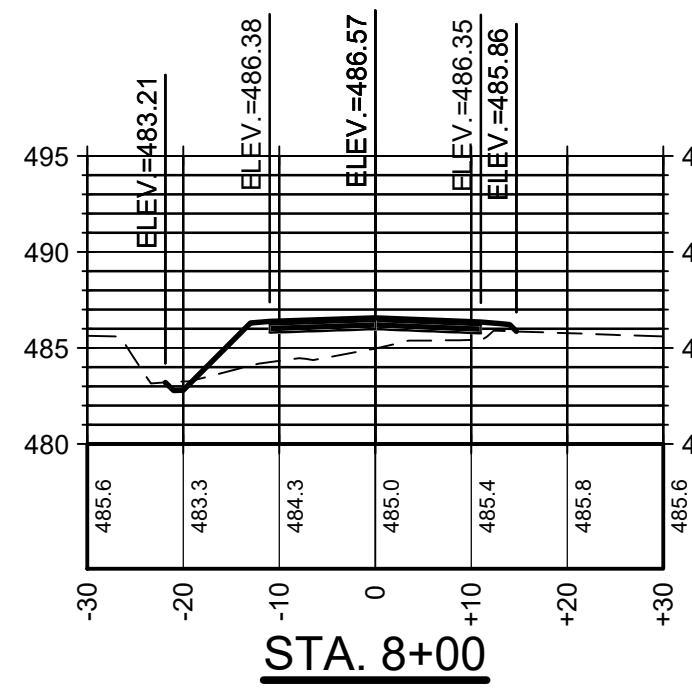
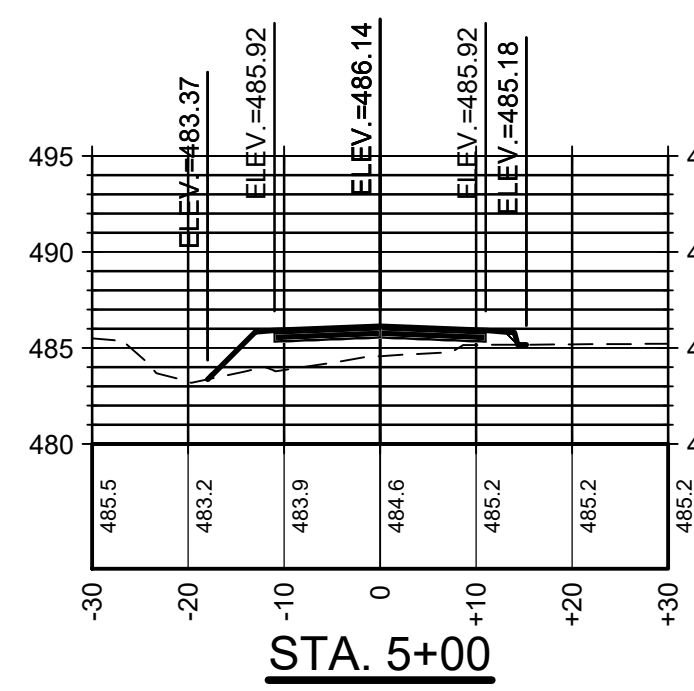
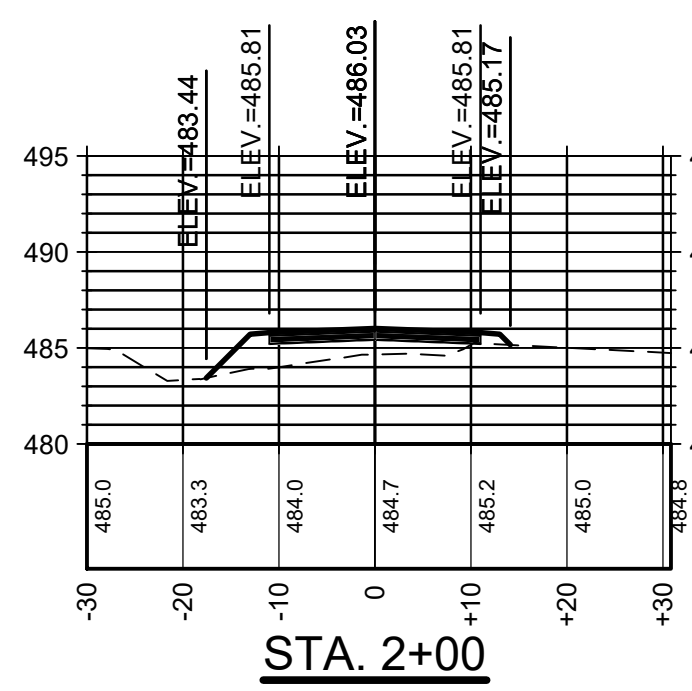
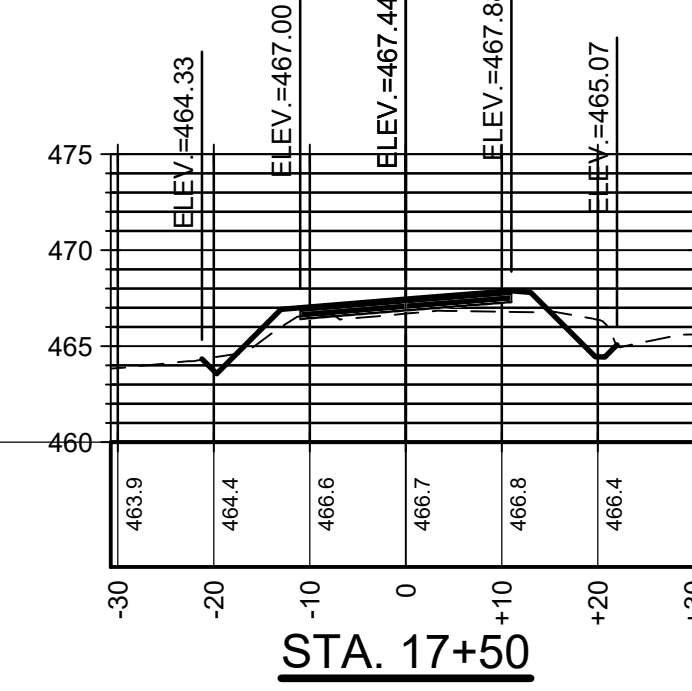
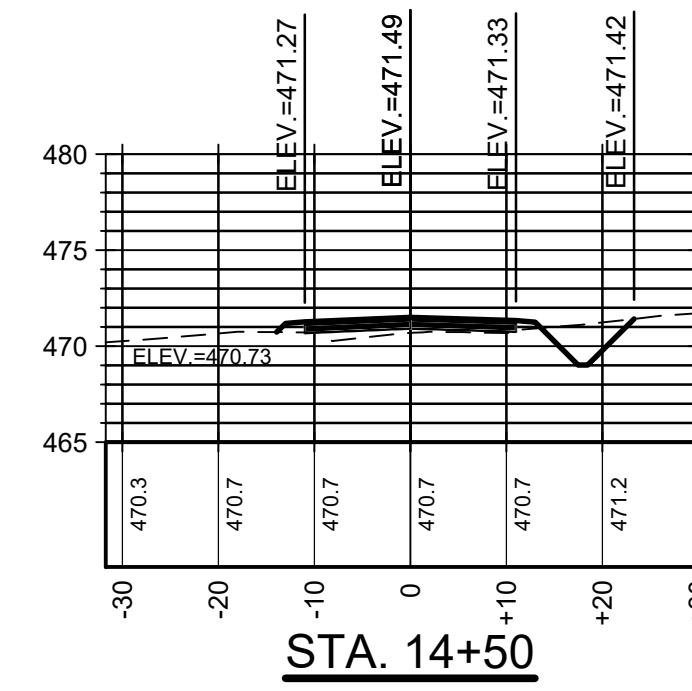
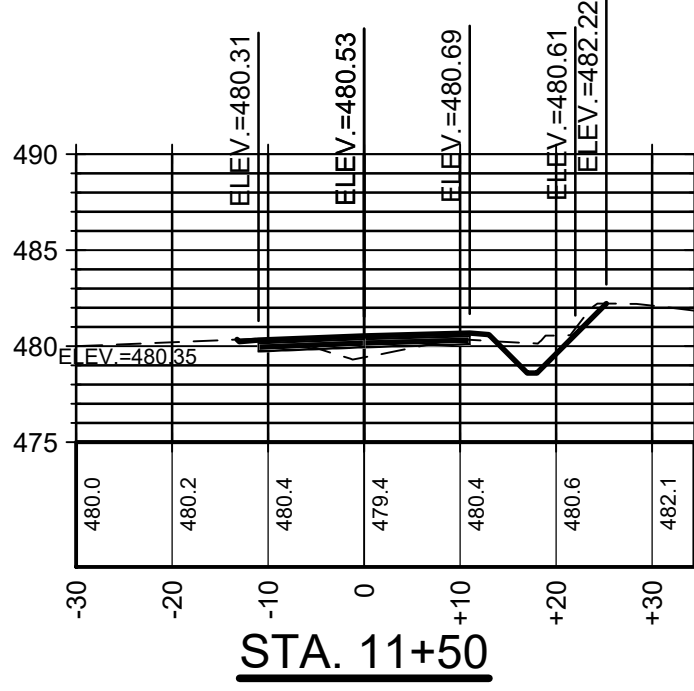
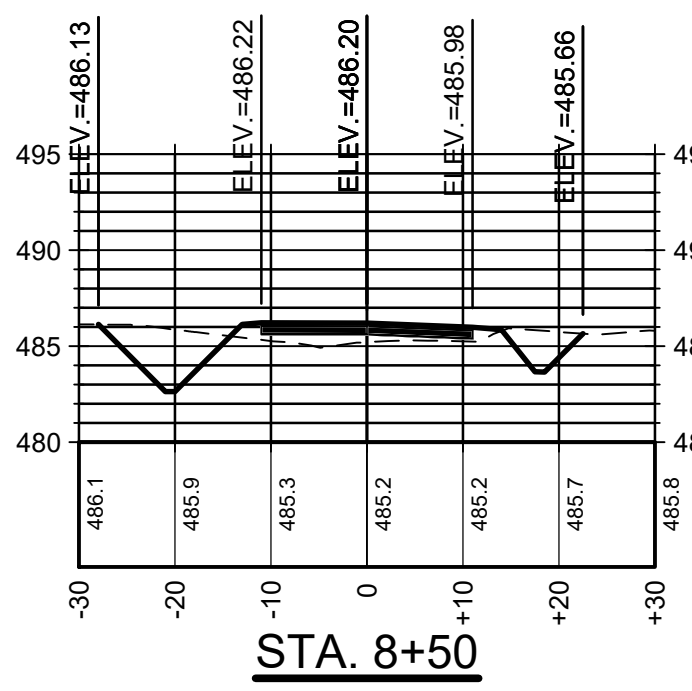
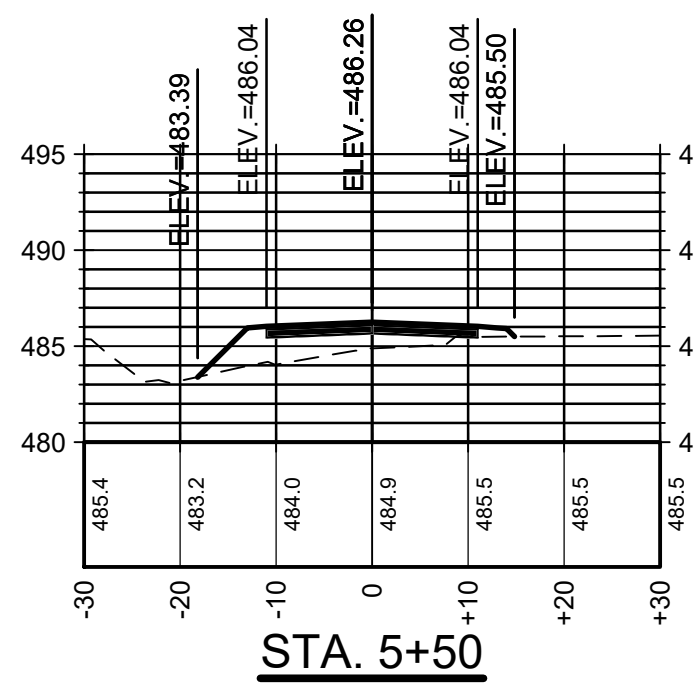
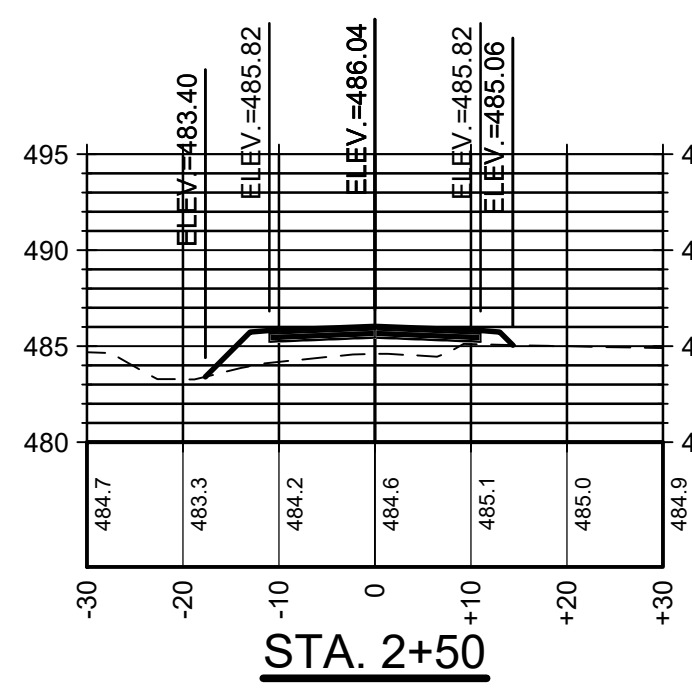
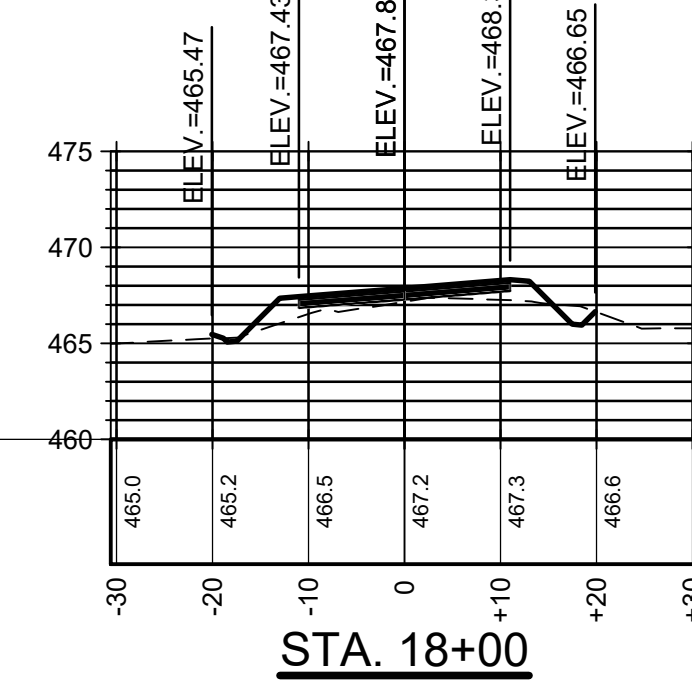
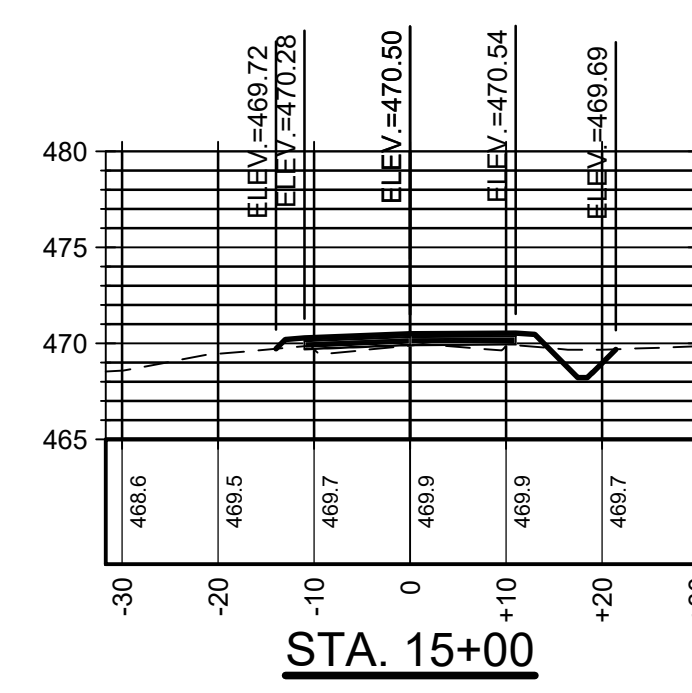
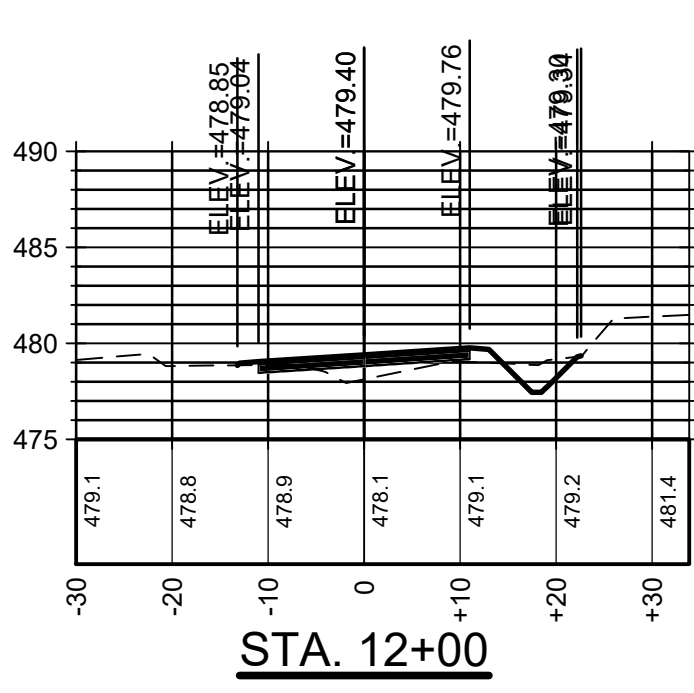
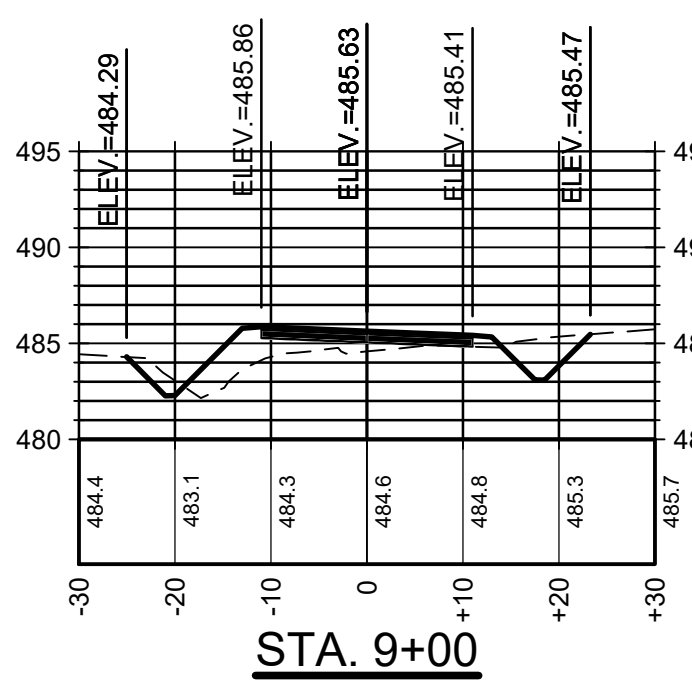
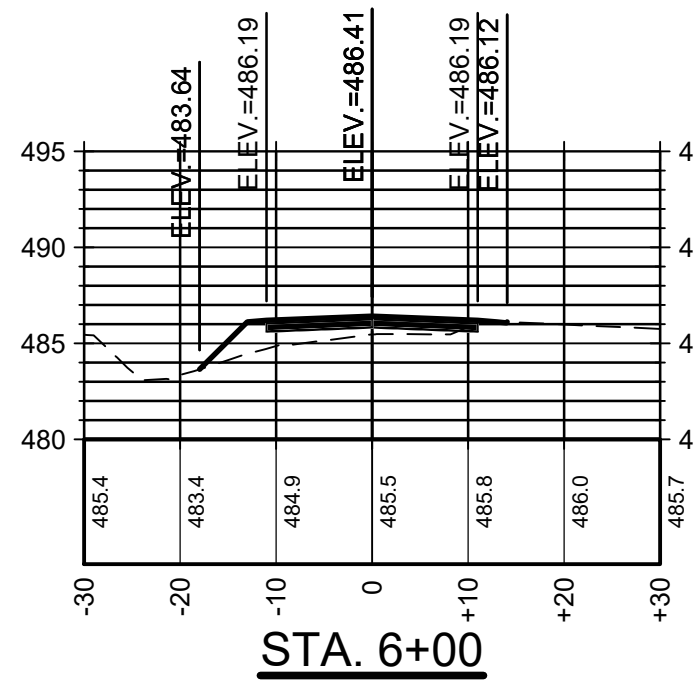
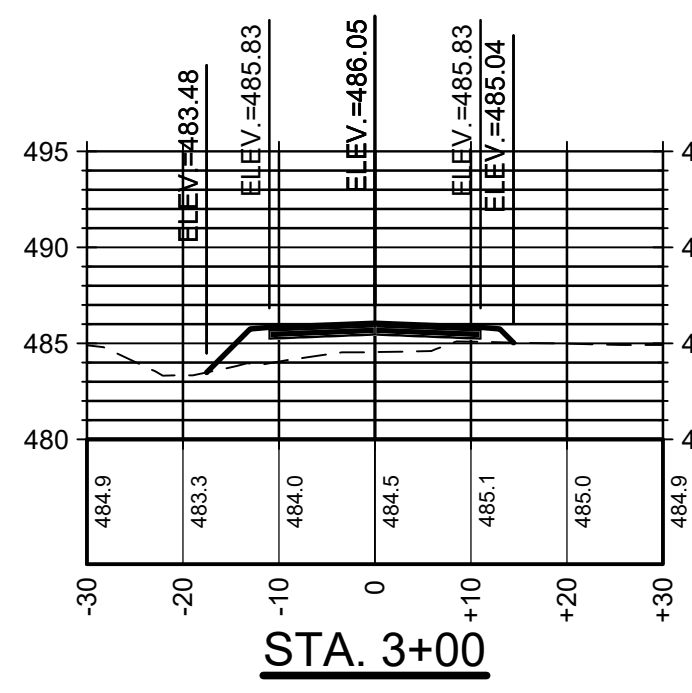
FULLWOOD ROAD IMPROVEMENTS PHASE II
FOR THE
PEACH COUNTY BOARD OF COMMISSIONERS
213 PERSONS STREET

PRELIMINARY NOT FOR CONSTRUCTION

PROJECT NO.: PCO 030
DATE: FEBRUARY 9, 2021
SCALE: NTS

1.2

D:\Users\jdoe\OneDrive\Documents\Fullwood\Fullwood\Road\Phase 2 - 2021\12/17/2021



NO.	DATE	ISSUE SEQUENCE DESCRIPTION

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FULLWOOD ROAD 2 CROSS SECTIONS
FULLWOOD ROAD IMPROVEMENTS PHASE II
 FOR THE
PEACH COUNTY BOARD OF COMMISSIONERS
 213 PERSONS STREET

811
 Know what's below.
 Call before you dig.

PROJECT NO.: PCO 030
 DATE: FEBRUARY 9, 2021
 SCALE: 1" = 20' H/ 1" = 10' V

2.1

PRELIMINARY NOT FOR CONSTRUCTION

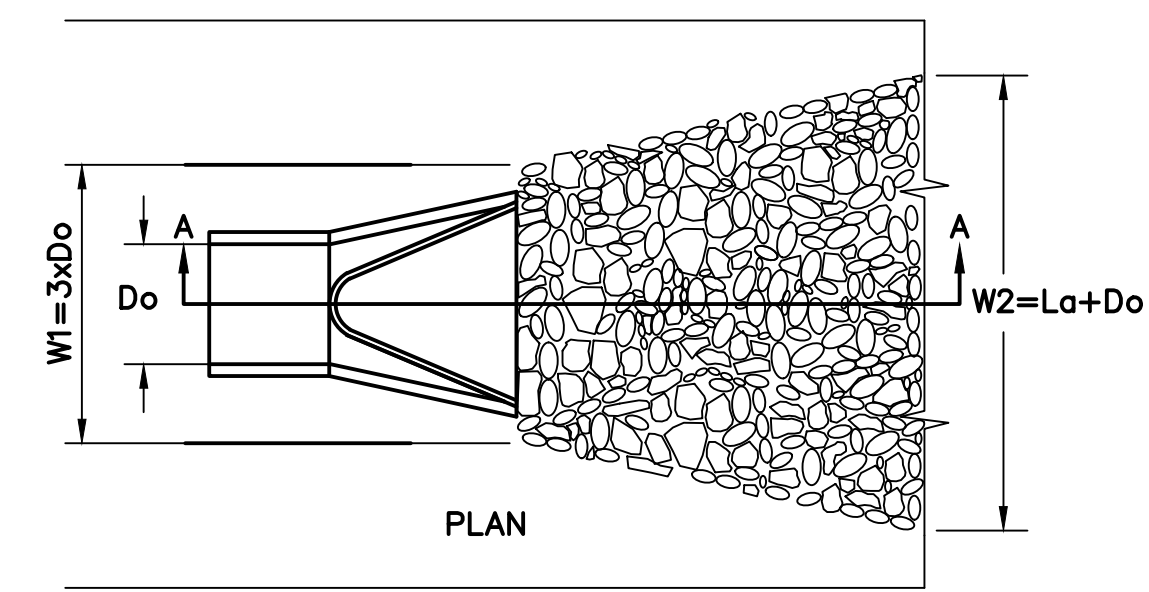
STARTING DATE: _____
 COMPLETION DATE: _____

DESCRIPTION	WEEKS OF CONSTRUCTION ACTIVITY							
	1	2	3	4	5	6	7	8
SILT BARRIER INSTALLATION								
CLEARING AND GRUBBING								
GRADING & EARTHWORK								
UTILITIES								
TEMPORARY GRASSING								
BASE AND PAVING								
FINAL GRASSING & REMOVAL OF TEMPORARY STRUCTURES								
MAINTENANCE OF EROSION CONTROL STRUCTURES								

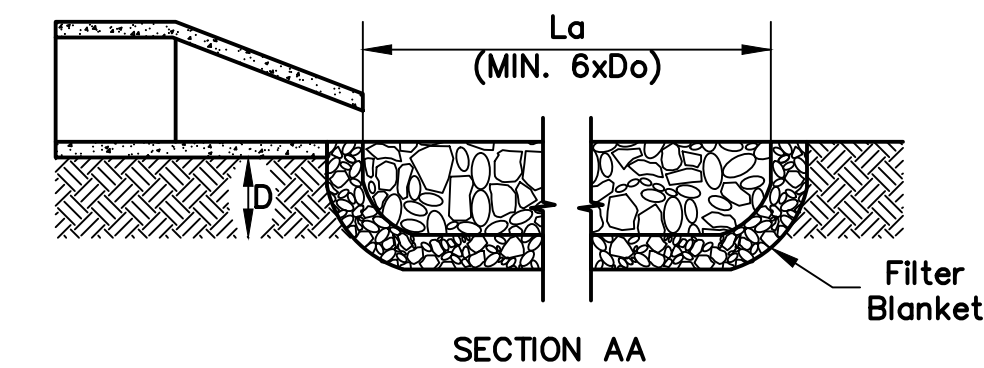
STARTING AND COMPLETION DATES ARE APPROXIMATE AND ARE NOT INTENDED TO BE CONTRACTUAL.

TEMPORARY GRASSING TO BEGIN 2 WEEKS FROM INITIAL DISTURBANCE.

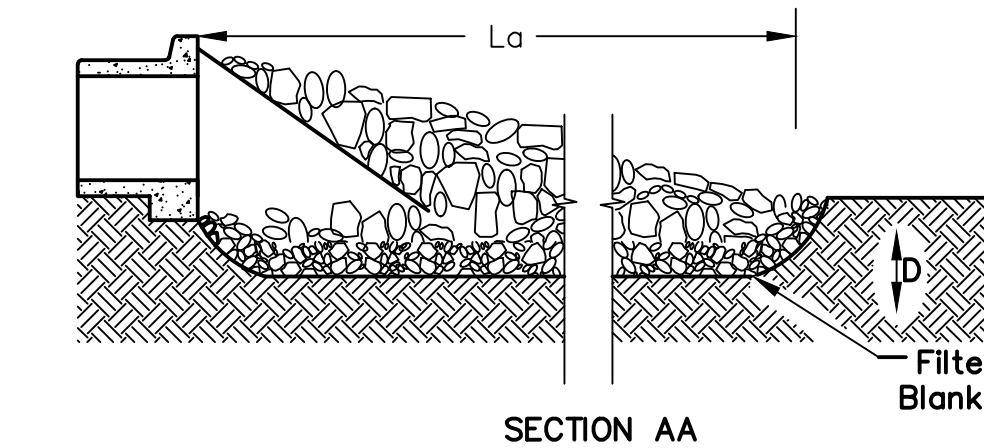
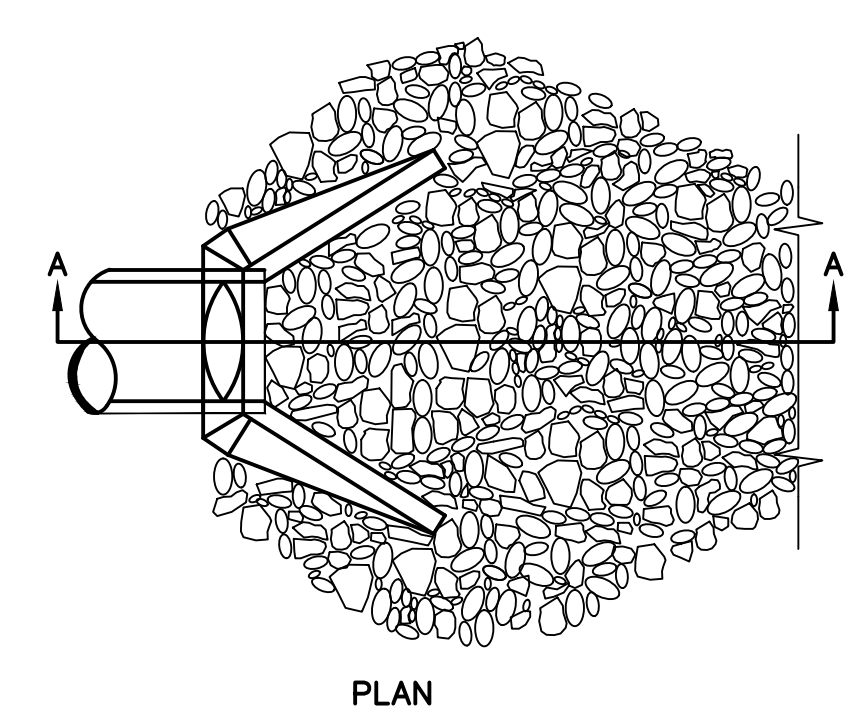
PIPE OUTLET TO FLAT AREA NO WELL DEFINED CHANNEL



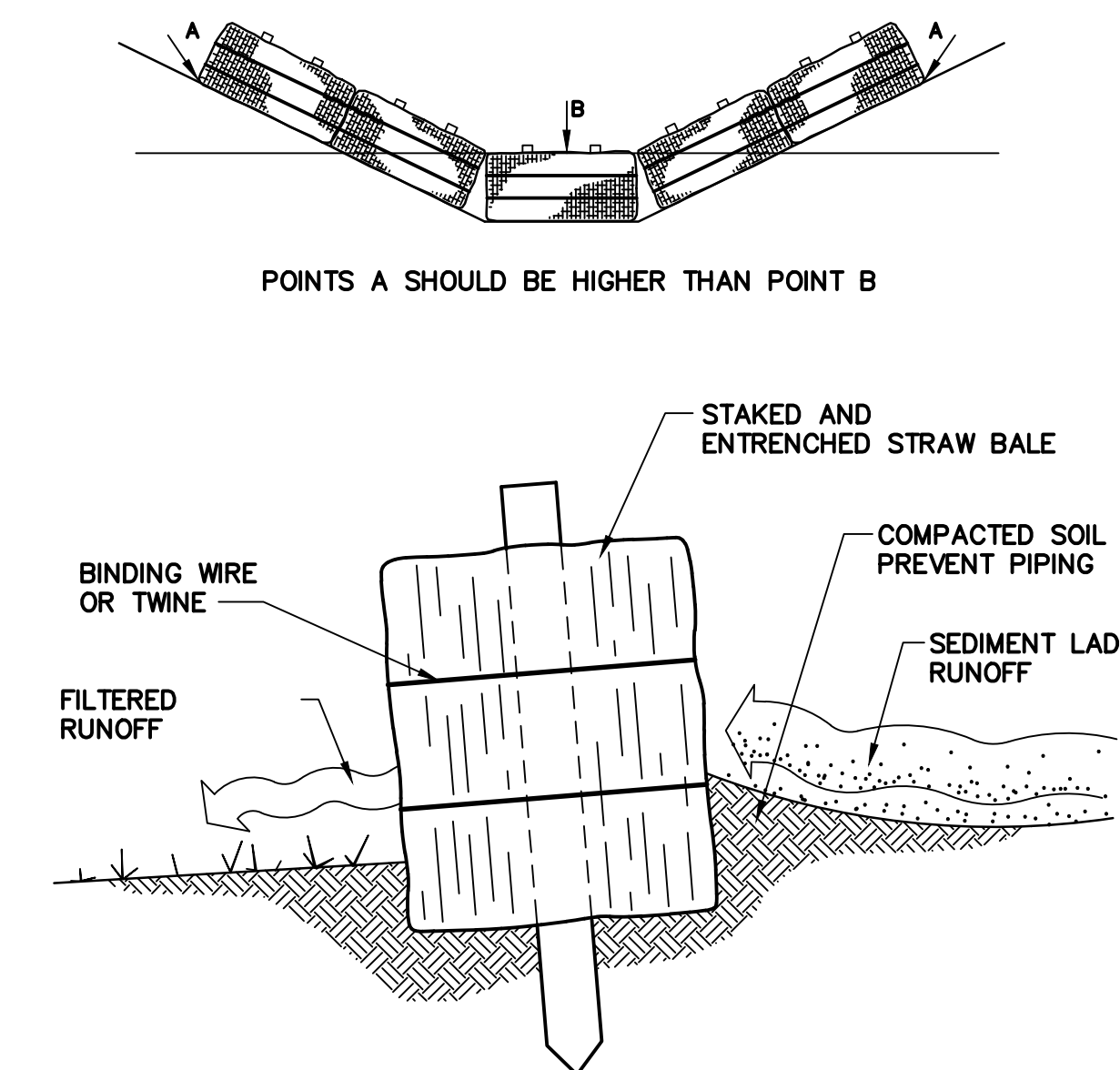
- La is the length of the rip rap apron.
- D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
- IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAIL-WATER DEPTH OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.
- A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIP-RAP AND SOIL FOUNDATION.



PIPE OUTLET TO WELL-DEFINED CHANNEL



DETAIL - STORM DRAIN OUTLET PROTECTION
N.T.S.



DETAIL - HAYBALES
N.T.S.

UNIFORM CODE

STRUCTURAL PRACTICES

Code	Description	Diagram	Notes
Co	CONSTRUCTION EXIT		A crushed stone pad located at the construction exit to provide a place for removing mud from tires thereby protecting public streets.
Cd-HB	CHECKDAM		A small temporary barrier or dam constructed across a swale, drainage ditch or area of concentrated flow.
Fr	FILTER RING		A temporary stone barrier constructed at storm drain inlets and pond outlets.
Sd1-A	SEDIMENT BARRIER		A barrier to prevent sediment from leaving the construction site. It shall be a sediment fence.
St	STORM DRAIN OUTLET PROTECTION		A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.

VEGETATIVE PRACTICES

Code	Description	Diagram	Notes
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)		Establishing temporary protection for disturbed areas where seedings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)		Establishing a temporary vegetative cover with fast growing seed on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING)		Establishing permanent vegetative cover such as grasses on disturbed areas.
Du	DUST CONTROL ON DISTURBED AREAS		Controlling surface and air movement of dust on construction sites, roadways and similar sites.

Du DUST SHALL BE CONTROLLED ON THIS SITE BY APPLYING A WATER SPRAY TO DISTURBED AREAS AS NEEDED.

Ds1 MULCHING RATES:
 DRY STRAW OR HAY - SPREAD AT A RATE OF 2 1/2 TONS PER ACRE. WOOD WASTE, CHIPS, SAWDUST, OR BARK - SPREAD 2 TO 3 INCHES DEEP. EROSION CONTROL MATTING OR NETTING - APPLY IN ACCORDANCE WITH MFG. REC'S. CUTBACK ASPHALT, SLOW CURING - APPLY AT 1200 GALLONS PER ACRE. POLYETHYLENE FILM - SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR PROTECTION.

Ds2 TEMPORARY VEGETATIVE SPECIFICATIONS:
 TEMPORARY GRASSING SHALL BEGIN 2 WEEKS FOLLOWING INITIAL DISTURBANCE.

SPECIES	RATE PER 1000 SQ.FT.	RATE PER ACRE	PLANTING DATES
RYE	3.9 POUNDS	3 BU.	9-1 TO 1-1
RYE GRASS, ANNUAL	1 POUND	40-50 lbs.	9-1 TO 4-15
SUDAN GRASS	1.4 POUNDS	60 lbs.	4-1 TO 10-1
BROWN TOP MILLET	1 POUND	40 lbs.	4-1 TO 7-15
WHEAT	4.1 POUNDS	3 BU.	10-1 TO 1-1

Ds3 PERMANENT VEGETATIVE SPECIFICATIONS:

GRASS	SEEDING RATE	PLANTING DATES	FERTILIZER RATE
			N P K Year Per Acre
HULLED COMMON BERMUDA	8lbs./Ac	3-1 TO 6-15	6 12 12 1st. 1500 Lbs.
UNHULLED COMMON BERMUDA	10lbs./Ac	10-1 TO 3-1	SAME AS ABOVE
PENSACOLA BAHIA	60 Lb/Ac	Year Round	SAME AS ABOVE
MULCH - 2 1/2 TON/Ac.			
LIME - 1 TON/Ac.			

"FINAL STABILIZATION" MEANS THAT ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND THAT FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS THE USE OF RIP RAP, GABIONS, PERMANENT MULCHES OR GEOTEXTILES) HAVE BEEN USED. PERMANENT VEGETATION SHALL CONSIST OF: PLANTED TREES, SHRUBS, PERENNIAL VINES; A CROP OF PERENNIAL VEGETATION APPROPRIATE FOR THE TIME OF YEAR AND REGION; OR A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION.

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

Russell R Wheeler
 Level II Certified Design Professional

CERTIFICATION NUMBER: 0000052746
 ISSUED: 11/01/2020 EXPIRES: 11/01/2023



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NO.	DATE	DESCRIPTION
4.0		

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DETAILS & NOTES

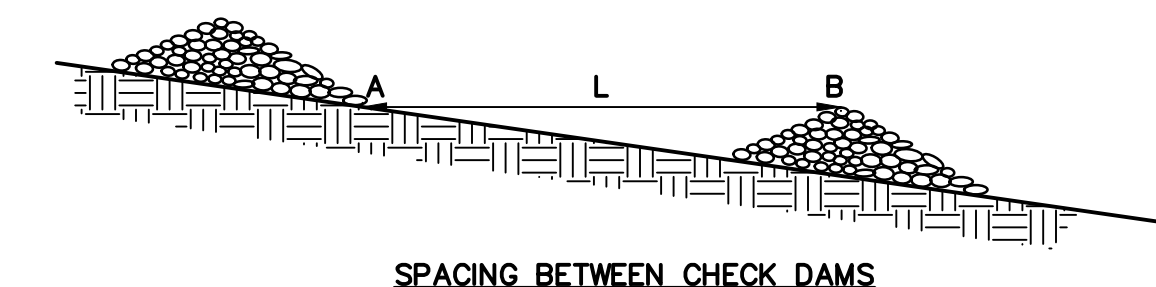
FULLWOOD ROAD IMPROVEMENTS PHASE II
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 213 PERSONS STREET

PRELIMINARY NOT FOR CONSTRUCTION

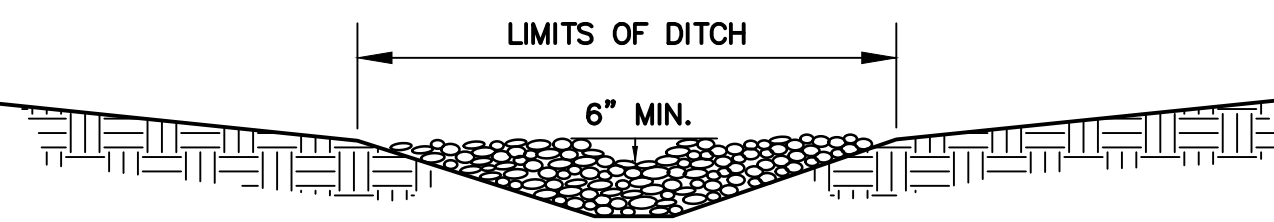
PROJECT NO.: PCO 030
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3.0

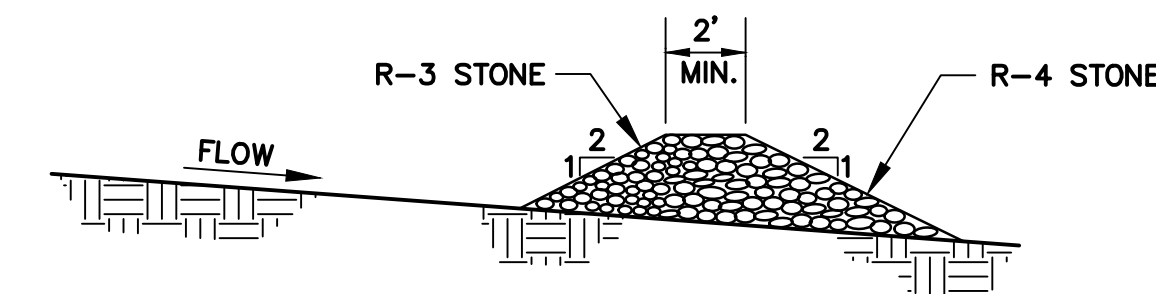
L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION



SPACING BETWEEN CHECK DAMS



DITCH CROSS SECTION VIEW



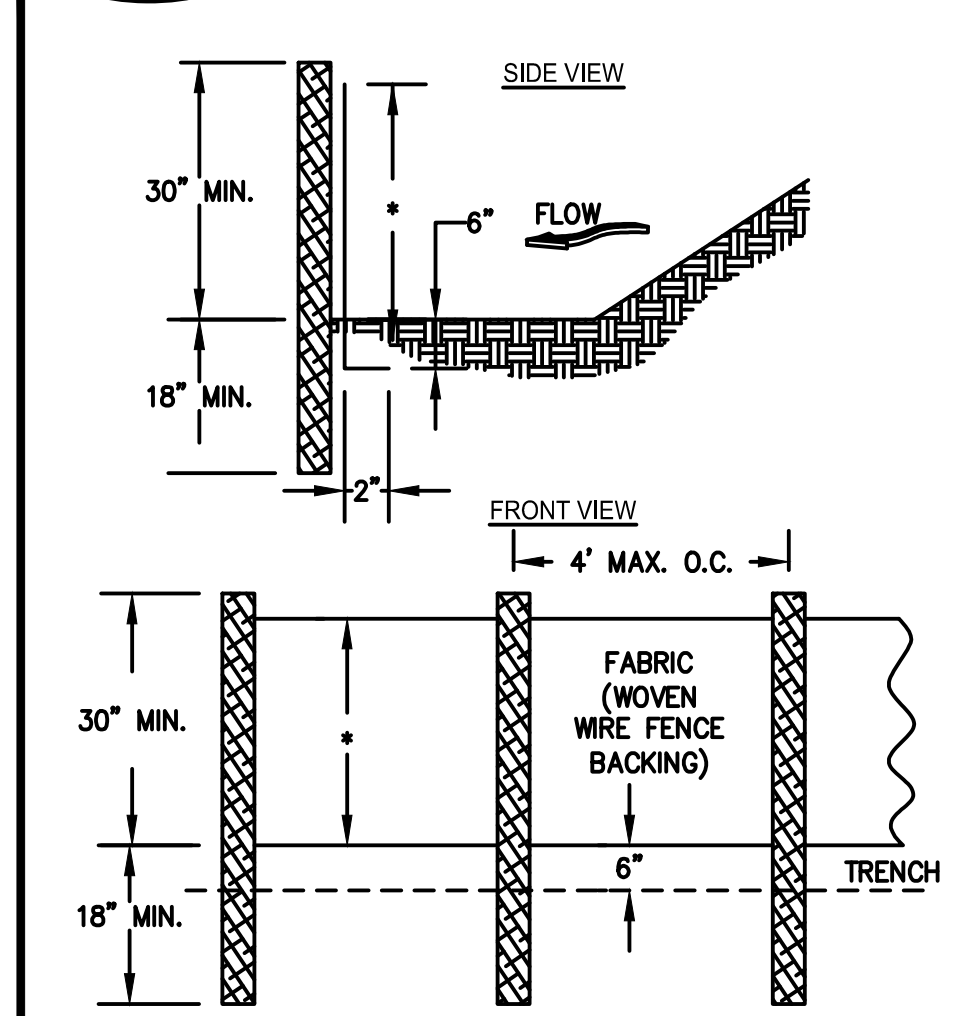
DITCH PROFILE VIEW

DETAIL - ROCK CHECK DAM
N.T.S.

- NOTES:**
- AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
 - REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
 - AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
 - GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
 - PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
 - A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
 - INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
 - WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
 - WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
 - MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

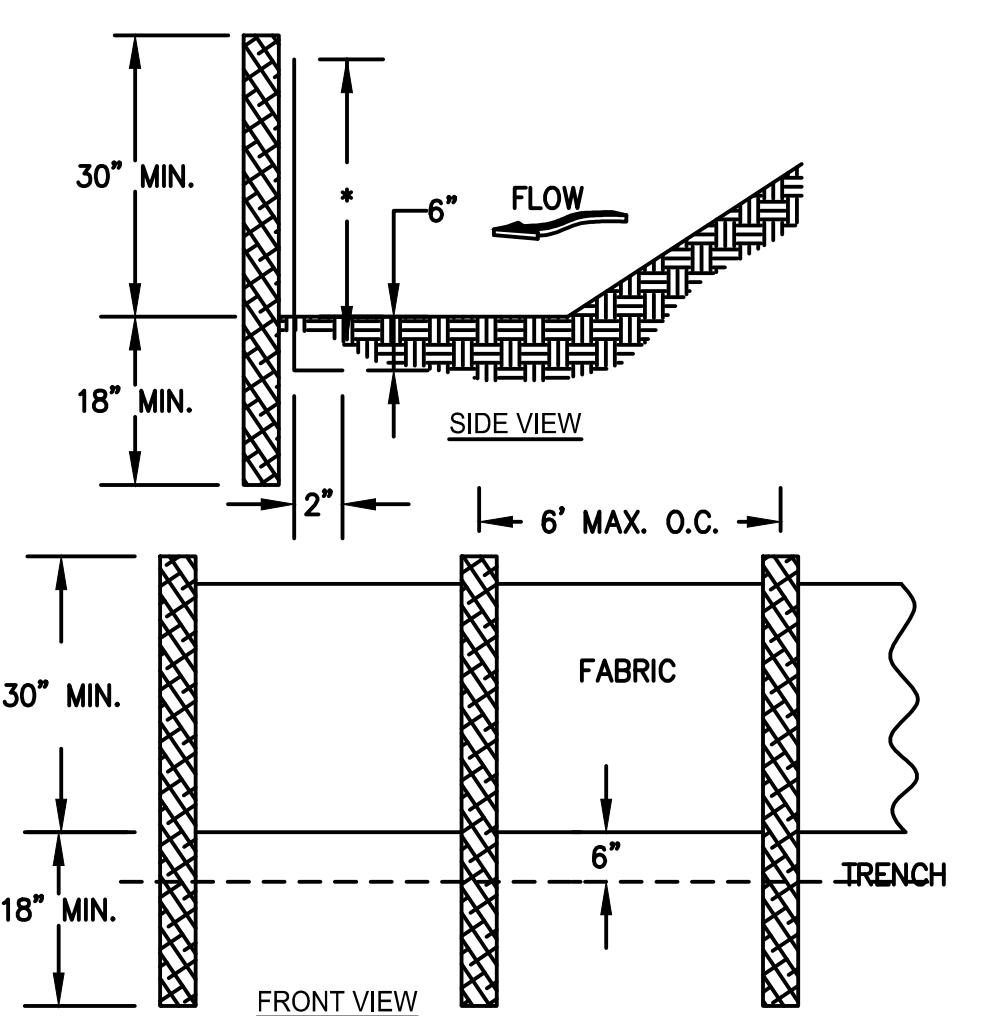
DETAIL - TEMPORARY CONSTRUCTION EXIT
N.T.S.

Sd1-S SILT FENCE - TYPE SENSITIVE



- NOTES:**
- USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
 - HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

Sd1-NS SILT FENCE - TYPE NON-SENSITIVE



- NOTES:**
- USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
 - HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

STORMWATER DISCHARGE FROM THIS SITE IS PERMITTED AND GOVERNED BY NPDES GENERAL PERMIT NO. GAR 100002. THE SAMPLING, RECORD KEEPING, AND INSPECTION REQUIREMENTS OF THE PERMIT ARE THE RESPONSIBILITY OF THE PRIMARY PERMITTEE, AND ARE HEREBY INCORPORATED INTO THIS PLAN. IT IS THE RESPONSIBILITY OF THE OWNER TO CONTACT THE ENGINEER AT 478-342-1214 TO NOTIFY HIM OF THE START OF LAND DISTURBING ACTIVITIES. THE PRIMARY PERMITTEE IS RESPONSIBLE FOR SUBMITTING A NOTICE OF TERMINATION ONCE FINAL STABILIZATION HAS BEEN ACHIEVED.

- 1. These notes are taken from the Erosion, Sedimentation, and Pollution Control Plan Checklist for infrastructure construction projects as published by the Commission on January 1, 2021.
2. The Level II certification number and seal of the certified Design Professional can be found on each sheet pertaining to the ES&PC plan (see sheets 1-1.2,3,3.1).
3. The name and phone number of 24-hour local contact responsible for erosion, sedimentation and pollution controls is MICHAELA JONES, Phone# 478-827-3532.
4. Primary Permittee information: PEACH COUNTY BOARD OF COMMISSIONERS...
5. Total acreage of project area: ±10.74 Acres
6. The GPS location of the construction start for the site is Latitude 32.566867° N, Longitude 83.84025° W and end for the site Latitude 32.562853° N, Longitude 83.820494° W
7. The initial and/or revision date of this plan is depicted on the title block of each plan sheet.
8. The construction activity includes BMP installation and maintenance, ditch, driveway and road paving over existing unpaved road.
9. A vicinity map showing site's relation to surrounding areas is depicted on the Title Sheet of this plan.
10. The project receiving waters include unnamed tributaries of Big Indian Creek.
11. I certify under penalty of law that this plan was prepared after a site visit to the locations described herein by myself or my authorized agent, under my direct supervision.

Russell R Wheeler Design Professional 2/9/2021 Date

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION Russell R Wheeler Level II Certified Design Professional CERTIFICATION NUMBER 0000052746 EXPIRES 11/01/2023



For this site, reports shall be provided to: WEST CENTRAL DISTRICT OFFICE GEORGIA ENVIRONMENTAL PROTECTION DIVISION 2640 SHURLING DRIVE MACON, GA 31211-3576 (478) 751-6612

- 32. The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI of General NPDES Permit No. GAR100002.
a. A copy of all Notices of Intent submitted to EPD;
b. A copy of the Erosion, Sedimentation and Pollution Control Plan required by GAR 100002;
c. The design professional's report of the results of the inspection conducted in accordance with Part IV.A.5 of GAR 100002;
d. A copy of all sampling information, results, and reports required by GAR 100002;
e. A copy of all inspection reports generated in accordance with Part IV.D.4.a of GAR 100002;
f. A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2 of GAR 100002; and
g. Daily rainfall information collected in accordance with Part IV.D.4.a.(1)(c) of GAR 100002.
2. Copies of all Notices of Intent, Notices of Termination, inspection reports, sampling reports (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), or other reports requested by the EPD, Erosion, Sedimentation and Pollution Control Plans, records of all data used to complete the Notice of Intent to be covered by this permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the NOT is submitted in accordance with Part VI of this permit.
33. Storm water samples shall be retrieved from the sampling points as indicated on Sheets 1.0-1.2 of this plan.
(1) The upstream sample for each receiving water(s) must be taken immediately upstream of the confluence of the first storm water discharge from the permitted activity...
(2) The downstream sample for each receiving water(s) must be taken downstream of the confluence of the last storm water discharge from the permitted activity...
(3) Sample containers should be labeled prior to collecting the samples.
(4) Samples should be well mixed before transferring to a secondary container.

- 12. I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of best management practices...
13. I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for the monitoring of: (a) all perennial and intermittent streams...
14. The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements...
15. Non-exempt activities shall not be conducted within the 25- or 50-foot undisturbed stream buffers...
16. No buffer encroachments will occur with this project.
17. Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.
18. Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit.
19. The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures...
20. Erosion control measures shall be maintained at all times.
21. Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.
22. This construction activity will discharge storm water into, or within one linear mile of a Biota Impaired Stream Segment.
23. A TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment.
24. Concrete truck washout location shall be in a temporary truck wash area located at the site entrance.
25. All petroleum products shall be stored and used in an area that provides a secondary containment feature...
26. The following measures will be installed during construction to control pollutants in stormwater...
27. Stored building materials shall be covered with a tarp on site...
28. Silt Fence, checkdams, dust control, constructions exits, temporary grassing, and permanent grassing shall be used...
29. A description and chart or timeline of the intended sequence of major activities which disturb soils...
30. Inspections: (1) Each day when any type of construction activity has taken place...
31. Sampling and analysis of the receiving water(s) or outfalls beyond the minimum frequency stated in this plan must be reported to EPD.
32. Manual or automatic sampling may be utilized.
33. Sampling and analysis of the receiving water(s) or outfalls beyond the minimum frequency stated in this plan must be reported to EPD.
34. In accordance with Appendix B, the maximum NTU's from the outfall shall not exceed 75 NTUs.
35. The sampling locations are depicted on Sheet 1.0-1.2 of this plan.
36. This plan combines all three phases of erosion control into the construction plan and profile sheets for the road paving.
37. A graphic scale and north arrow are depicted on Sheets 1.0-1.2.
38. Existing and proposed contour lines are depicted on Sheets 1.0-1.2.

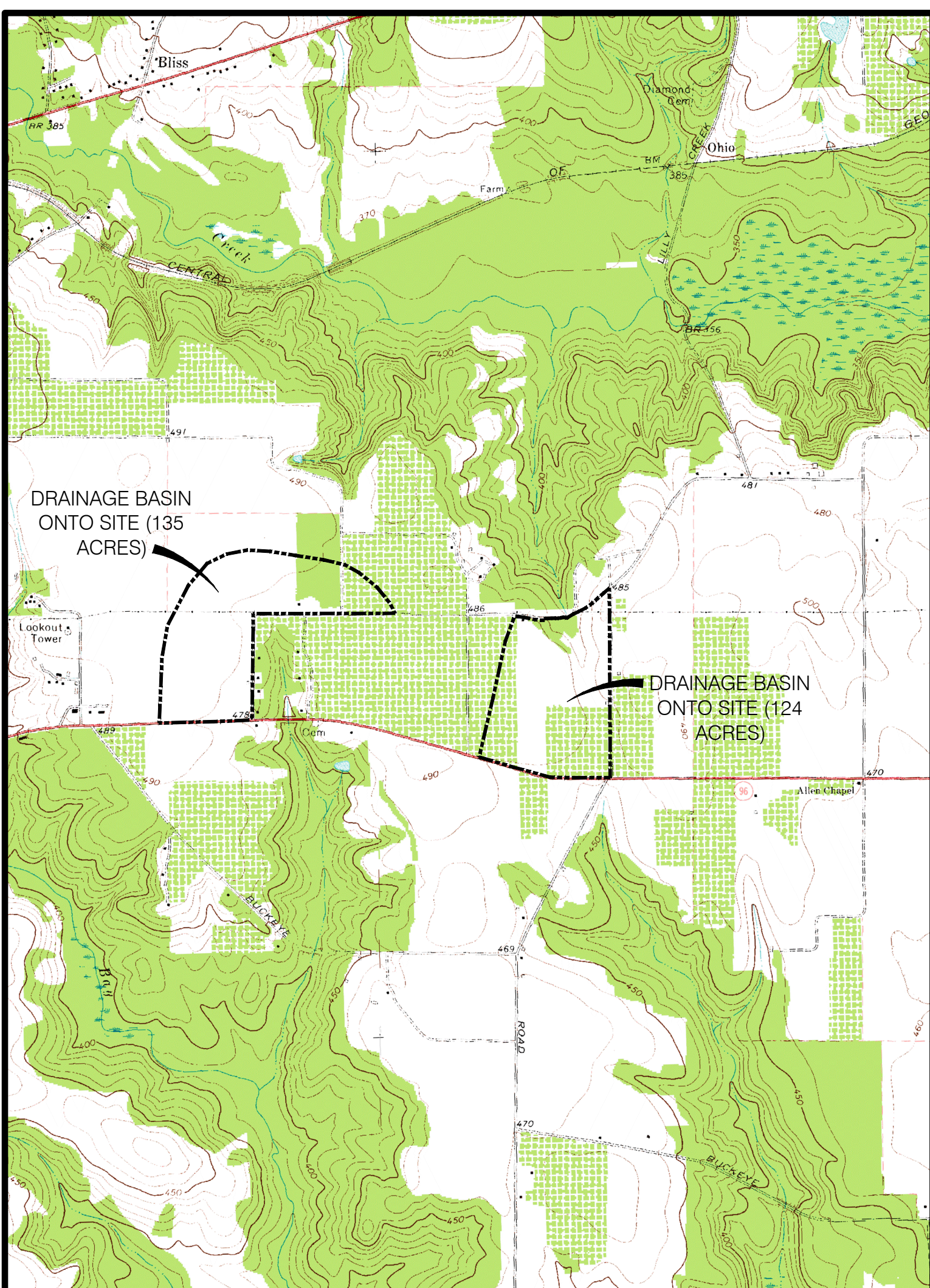
Russell R Wheeler Design Professional 2/9/2021 Date

Russell R Wheeler Design Professional 2/9/2021 Date

- 39. No alternate BMP's are proposed in this plan.
40. No alternate BMP's are proposed in this plan.
41. No state waters lie within the proposed project area.
42. No state waters are located within 200' of the project site.
43. Delineation and acreage of contributing drainage basins are shown on this sheet.
44. Delineation of on-site drainage and off-site watersheds are shown on this sheet.
45. The pre-construction curve number is estimated to be 73.
46. Storm-drain pipe at station 17+49 velocities is 9.05 for a 25yr storm event.
47. Soil series and their delineation are depicted on 1-1.2 of this plan.
48. The limits of disturbance for this phase of construction is the entirety of the areas depicted within the road rights-of-way...
49. This project extends a city street. Silt fence is proposed down slope in locations where it can be effective.
50. Best management practices depicted on Sheets 1-1.2 of this plan are consistent with the requirements of the Manual for Erosion and Sediment Control in Georgia.
51. Detailed drawings for all structural practices are depicted on Sheet 3.0 of this plan.
52. A vegetative plan, noting temporary and permanent vegetative practices, is depicted on Sheet 1-1.2 of this plan.

Table with 2 columns: Item, Description. Includes calculations for silt fence storage capacity and hay bale check dam storage capacity.

- 31. Sampling Frequency: (1) The primary permittee must sample in accordance with the Plan at least once for each rainfall event described below. (2) However, where manual and automatic sampling are impossible... (3) Sampling by the permittee shall occur for the following qualifying events: (a) For each area of the site that discharges to a receiving water... (b) In addition to (a) above... (c) At the time of sampling performed pursuant to (a) and (b) above... (d) Where sampling pursuant to (a), (b) or (c) above is required but not possible... (e) Existing construction activities...
*Note that the Permittee may choose to meet the requirements of (a) and (b) above by collecting turbidity samples from any rain event that reaches or exceeds 0.5 inch and allows for sampling at any time of the day or week.
Sampling shall be collected by "grab samples" performed in accordance with the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001."
Sample analysis shall be performed in accordance with the methodology and test procedures established by 40 CFR Part 136.
Reporting of Sampling Results: The Primary Permittee is required to submit a summary of the monitoring results to the Regional EPD office by the fifteenth day of the month following the reporting period.



QUADRANGLE LOCATION MAP SCALE: 1"=200'

Table with 2 columns: NO, DATE. Row 1: 4.0

TRIPLE POINT ENGINEERING 5223 Riverstone Drive • Suite 101 • Macon, Georgia 31210 phone 478-476-0700 • fax 478-476-0776 • www.tpoineng.com

NPDES NOTES FULLWOOD ROAD IMPROVEMENTS PHASE II FOR THE PEACH COUNTY BOARD OF COMMISSIONERS 213 PERSONS STREET PRELIMINARY NOT FOR CONSTRUCTION

PROJECT NO.: PCO 030 DATE: FEBRUARY 9, 2021 SCALE: NTS 3.1