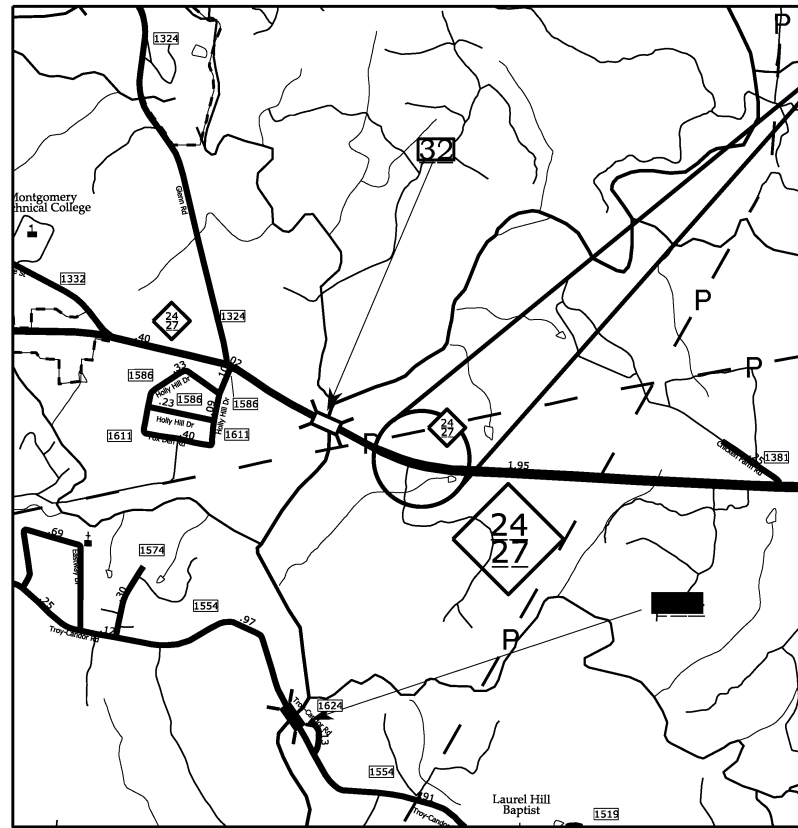


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 mericketts AT DIV08-330684L

PROJECT: 34352.2.S2 NC 24-27



VICINITY MAP

PROJECT LOCATION

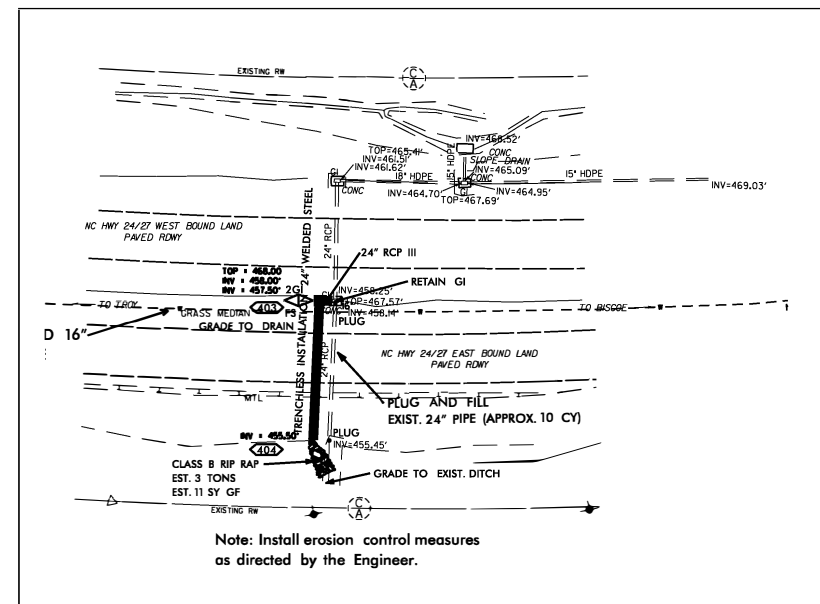
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

MONTGOMERY COUNTY

LOCATION: NC 24-27 APPROXIMATELY 0.35 MILES EAST OF BRIDGES 32 AND 266 OVER LITTLE RIVER

TYPE OF WORK: TRENCHLESS INSTALLATION 24" PIPE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	34352.2.S2	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
		PE	
		RW	
3435	.2.S2	C ONST	



4



Note: Install erosion control measures as directed by the Engineer.

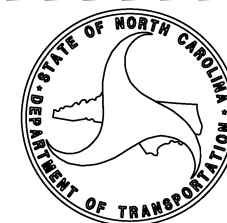
Prepared In the Office of:
DIVISION OF HIGHWAYS
DIVISION 8 DESIGN & CONSTRUCT UNIT
 121 DOT DRIVE
 CARTHAGE, NC 28327
 PLANS PREP. AREDB Y. D.C

DIVISION OF HIGHWAYS

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
 N/A

LETTING DATE:
 AUGUST 9, 2022



DIVISION PROJECT ENGINEER

SIGNATURE: _____ P.E.

DIVISION PROJECT ENGINEER

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EP
Computed Property Corner	-----
Property Monument	□ EPM
Parcel/Sequence Number	②③
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	-----
Proposed Wetland Boundary	-----
Existing Endangered Animal Boundary	-----
Existing Endangered Plant Boundary	-----
Existing Historic Property Boundary	-----
Known Contamination Area: Soil	-----
Potential Contamination Area: Soil	-----
Known Contamination Area: Water	-----
Potential Contamination Area: Water	-----
Contaminated Site: Known or Potential	-----

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ S
Well	○ W
Small Mine	✕
Foundation	□
Area Outline	□
Cemetery	□
Building	□
School	□
Church	□
Dam	-----

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	-----
Jurisdictional Stream	-----
Buffer Zone 1	-----
Buffer Zone 2	-----
Flow Arrow	←
Disappearing Stream	-----
Spring	○
Wetland	-----
Proposed Lateral, Tail, Head Ditch	-----
False Sump	-----

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○
Switch	□
RR Abandoned	-----
RR Dismantled	-----

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

RIGHT OF WAY & PROJECT CONTROL:

Secondary Horiz and Vert Control Point	-----
Primary Horiz Control Point	-----
Primary Horiz and Vert Control Point	-----
Exist Permanent Easement Pin and Cap	-----
New Permanent Easement Pin and Cap	-----
Vertical Benchmark	-----
Existing Right of Way Marker	-----
Existing Right of Way Line	-----
New Right of Way Line	-----
New Right of Way Line with Pin and Cap	-----
New Right of Way Line with Concrete or Granite RW Marker	-----
New Control of Access Line with Concrete CA Marker	-----
Existing Control of Access	-----
New Control of Access	-----
Existing Easement Line	-----
New Temporary Construction Easement	-----
New Temporary Drainage Easement	-----
New Permanent Drainage Easement	-----
New Permanent Drainage / Utility Easement	-----
New Permanent Utility Easement	-----
New Temporary Utility Easement	-----
New Aerial Utility Easement	-----

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-----
Proposed Slope Stakes Fill	-----
Proposed Curb Ramp	-----
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	-----
Pavement Removal	-----

VEGETATION:

Single Tree	-----
Single Shrub	-----

Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	-----

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	-----
Bridge Wing Wall, Head Wall and End Wall	-----
MINOR:	
Head and End Wall	-----
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	-----
Paved Ditch Gutter	-----
Storm Sewer Manhole	-----
Storm Sewer	-----

UTILITIES:

POWER:	
Existing Power Pole	-----
Proposed Power Pole	-----
Existing Joint Use Pole	-----
Proposed Joint Use Pole	-----
Power Manhole	-----
Power Line Tower	-----
Power Transformer	-----
U/G Power Cable Hand Hole	-----
H-Frame Pole	-----
U/G Power Line LOS B (S.U.E.*)	-----
U/G Power Line LOS C (S.U.E.*)	-----
U/G Power Line LOS D (S.U.E.*)	-----

TELEPHONE:

Existing Telephone Pole	-----
Proposed Telephone Pole	-----
Telephone Manhole	-----
Telephone Pedestal	-----
Telephone Cell Tower	-----
U/G Telephone Cable Hand Hole	-----
U/G Telephone Cable LOS B (S.U.E.*)	-----
U/G Telephone Cable LOS C (S.U.E.*)	-----
U/G Telephone Cable LOS D (S.U.E.*)	-----
U/G Telephone Conduit LOS B (S.U.E.*)	-----
U/G Telephone Conduit LOS C (S.U.E.*)	-----
U/G Telephone Conduit LOS D (S.U.E.*)	-----
U/G Fiber Optics Cable LOS B (S.U.E.*)	-----
U/G Fiber Optics Cable LOS C (S.U.E.*)	-----
U/G Fiber Optics Cable LOS D (S.U.E.*)	-----

WATER:

Water Manhole	-----
Water Meter	-----
Water Valve	-----
Water Hydrant	-----
U/G Water Line LOS B (S.U.E.*)	-----
U/G Water Line LOS C (S.U.E.*)	-----
U/G Water Line LOS D (S.U.E.*)	-----
Above Ground Water Line	-----

TV:

TV Pedestal	-----
TV Tower	-----
U/G TV Cable Hand Hole	-----
U/G TV Cable LOS B (S.U.E.*)	-----
U/G TV Cable LOS C (S.U.E.*)	-----
U/G TV Cable LOS D (S.U.E.*)	-----
U/G Fiber Optic Cable LOS B (S.U.E.*)	-----
U/G Fiber Optic Cable LOS C (S.U.E.*)	-----
U/G Fiber Optic Cable LOS D (S.U.E.*)	-----

GAS:

Gas Valve	-----
Gas Meter	-----
U/G Gas Line LOS B (S.U.E.*)	-----
U/G Gas Line LOS C (S.U.E.*)	-----
U/G Gas Line LOS D (S.U.E.*)	-----
Above Ground Gas Line	-----

SANITARY SEWER:

Sanitary Sewer Manhole	-----
Sanitary Sewer Cleanout	-----
U/G Sanitary Sewer Line	-----
Above Ground Sanitary Sewer	-----
SS Forced Main Line LOS B (S.U.E.*)	-----
SS Forced Main Line LOS C (S.U.E.*)	-----
SS Forced Main Line LOS D (S.U.E.*)	-----

MISCELLANEOUS:

Utility Pole	-----
Utility Pole with Base	-----
Utility Located Object	-----
Utility Traffic Signal Box	-----
Utility Unknown U/G Line LOS B (S.U.E.*)	-----
U/G Tank; Water, Gas, Oil	-----
Underground Storage Tank, Approx. Loc.	-----
A/G Tank; Water, Gas, Oil	-----
Geoenvironmental Boring	-----
U/G Test Hole LOS A (S.U.E.*)	-----
Abandoned According to Utility Records	-----
End of Information	-----

PROJECT NO.	SHEET NO.
34352.2.S2	3

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0043000000-N	0318000000-E	0320000000-E	0378000000-E	0973100000-E	0973300000-E	2264000000-E	2275000000-E	2286000000-N	2308000000-E
											GRADING	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	FOUNDATION CONDITIONING GEOTEXTILE	24" RC PIPE CULVERT, CLASS III	24" WELDED STEEL PIPE, 0.375" THICK, GRADE B IN SOIL	24" WELDED STEEL PIPE, 0.375" THICK, GRADE B NOT IN SOIL	PIPE PLUGS	FLOWABLE FILL	MASONRY DRAINAGE STRUCTURE	MASONRY DRAINAGE STRUCTURE (LF)
									MI	FT	LS	TON	SY	LF	LF	LF	CY	CY	EA	LF
34352.2.S2	Montgomery	1	NC 24/27	BORE AND JACK 24"	4	MD	NO	NO	1	1	1.000	2	5	8	87.00	10.00	1.000	10	1	6.00
TOTAL FOR MAP NO. 1									1		1.000	2	5	8	87.00	10.00	1.000	10	1	6.00
TOTAL FOR PROJ NO. 34352.2.S2									1		1.000	2	5	8	87.00	10.00	1.000	10	1	6.00
GRAND TOTAL									1		1.000	2	5	8	87.00	10.00	1.000	10	1	6.00

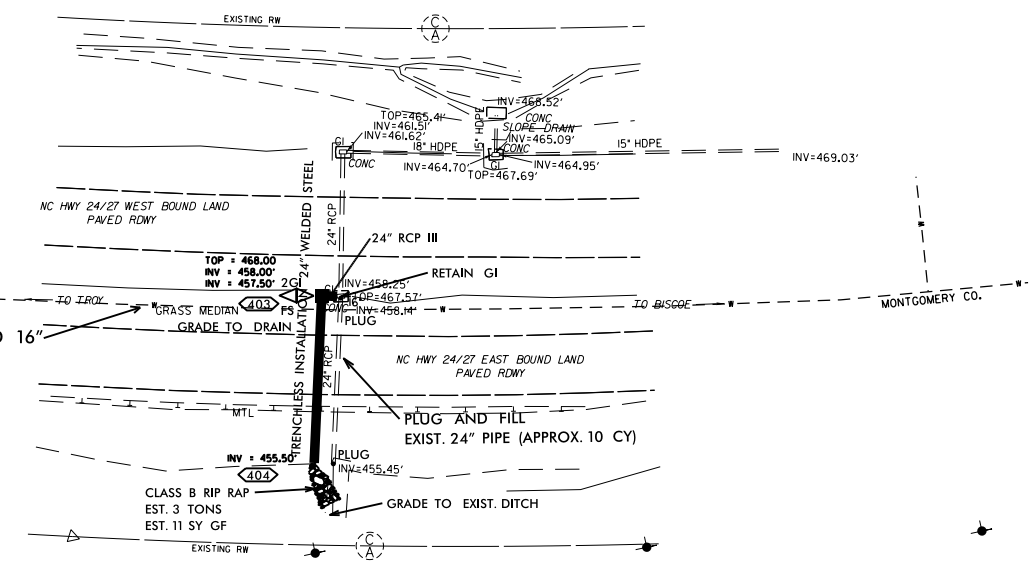
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	3649000000-E	3656000000-E	4413000000-E	4457000000-N	6000000000-E	6036000000-E	6071010000-E	6084000000-E	6117500000-N
											RIP RAP, CLASS B	GEOTEXTILE FOR DRAINAGE	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	TEMPORARY SILT FENCE	MATTING (EROSION CONTROL)	WATTLE	SEED & MULCHING	CONCRETE WASHOUT STRUCTURE
									MI	FT	TON	SY	SF	LS	LF	SY	LF	AC	EA
34352.2.S2	Montgomery	1	NC 24/27	BORE AND JACK 24"	4	MD	NO	NO	1	1	3	11	80	1.0000	100	200	100	0.50	1
TOTAL FOR MAP NO. 1									1		3	11	80	1	100	200	100	0.50	1
TOTAL FOR PROJ NO. 34352.2.S2									1		3	11	80	1	100	200	100	0.50	1
GRAND TOTAL									1		3	11	80	1	100	200	100	0.50	1

PROJECT REFERENCE NO. 34352.2.S2	SHEET NO. 04
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PF1
NORTHING = 585660.762
EASTING = 1747134.894
ELEV = 444.574'

PF2
NORTHING = 585445.051
EASTING = 1747566.348
ELEV = 462.770'



Note: Install erosion control measures as directed by the Engineer.

REVISIONS

20-MAY-2022 09:55
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montgomery

