



PLANS OF PROPOSED PROJECT NO. ECP 28-097-19
MEDIAN CROSSOVER ON U.S. 431 AT
MOUNTAINBORO FIRE DEPARTMENT
ETOWAH COUNTY

R.5.E Happy Hill KIRBY RD INDEX TO PROJECT Church PROJECT LOCATION MILE MARKER 275.36 29GROOVER RI SAPRON GILLILAND CIR CIR 27 MURDOCI Carlisle Church PEACH TREE RD GAITHER RD EFFECT THORNHILL RD اِسر TÓBY أ ANNA TR School

THESE PLANS HAVE BEEN PREPARED TO CONFORM WITH ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2019

T.10.S

SUBMITTED FOR APPROVAL

COUNTY ENGINEER

	FEET	MILES
TOTAL STATIONING OF PROJECT EQUATIONS & EXCEPTIONS	48.00 0.00	
NET LENGTH OF PROJECT	48.00	0.009
NET LENGTH OF BRIDGES	0.00	0.00
NET LENGTH OF ROADWAYS	48.00	0.009

INDEX TO SHEETS SEE SHEET 1A

EXCEPTIONS & EQUATIONS

NONE

INDEX STATION TO STATION

REFERENCE	FISCAL	SHEET
PROJECT NO	YEAR	NO.
ECP 28-097-19	2021	1A

INDEX TO SHEETS PROJECT NO. ECP 28-097-19 ETOWAH COUNTY

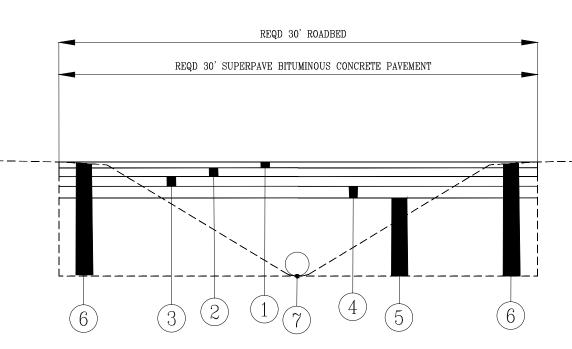
THE FOLLOWING IS A LIST OF SPECIAL OR STANDARD DRAWINGS CONTAINED IN THE ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL AND STANDARD HIGHWAY DRAWINGS BOOKLET (U.S. CUSTOMARY UNITS OF MEASUREMENT) DATED 2019 WHICH APPLY TO THIS PROJECT:

SHEET NO.	DESCRIPTION
1	TITLE SHEET
1A	INDEX TO SHEETS & DWG. INDEX
2-2A	TYPICAL SECTIONS & PROJECT NOTES
3	SUMMARY OF QUANTITIES
4	PLAN SHEET
5	CONCRETE NOSE SPECIAL DRAWING
6-6A	SIGNAGE AND STRIPING SHEET & SPECIAL PROJECT DETAIL

INDEX NO.	STD/SPEC DWG NO.	DESCRIPTION
408	FE-619 (SHEET 1 OF 2)	DETAIL OF CONCRETE FLARED END SECTION W/GRATE FOR CONCRETE AND METAL PIPE
409	FE-619 (SHEET 2 OF 2)	DETAIL OF CONCTETE FLARED END SECTION W/GRATE FOR CONCRETE AND METAL PIPE
411		PRECAST SLOPE PAVED HEADWALL DETAILS FOR RCP AND CMP ROADWAY PIPE
412) PRECAST SLOPE PAVED HEADWALL DETAILS FOR RCP AND CMP ROADWAY PIPE
413	HW-614-B (SHEET 1 OF 2)	SLOPE PAVED HEADWALL DETAIL FOR REINFORCED CONCRETE AND CORRUGATED METAL ROADWAY PIPE
414	HW-614-B (SHEET 2 OF 2)	SLOPE PAVED HEADWALL DETAIL FOR REINFORCED CONCRETE AND CORRUGATED METAL ROADWAY PIPE
701	623-N SPEC	DETAILS OF MEDIAN OPENING AND SAFETY GORES AT TRAFFIC CHANNEL ISLANDS
703	623-XY	DETAILS OF CONCRETE CURBS AND CONCRETE CURB AND GUTTER, SLOPING AND VERTICAL TYPES
1045	TCD-100	DETAILS FOR TRAFFIC CHANNELIZATION DEVICES
1114	EC-665-B	SUGGESTED TEMPORARY SEDIMENTATION AND EROSION CONTROL METHODS
1116	EC-665-E	TEMPORARY DITCH CHECK APPLICATIONS
1117	EC-665-F	DETAIL OF SILT FENCE
1118	EC-665-G	DETAIL OF SILT FENCE APPLICATIONS
1214	IHS-710-12	DETAILS OF ROADWAY SIGN POST (SMALL CHANNEL AND TUBULAR SECTION)
1225	IHS-710-21	DETAILS FOR LOCATION AND MOUNTING STANDARD FLAT PANEL SIGNS ON U-CHANNEL AND TUBULAR POSTS
1229	IHS-710-23	LIGHTWEIGHT STRUCTURAL SIGN SUPPORT INSTALLATIONS
1239	PCMS-710 (SHEET 1 OF 2)	DETAILS OF PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)
1240	PCMS-710 (SHEET 2 OF 2)	DETAILS OF PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)
1301	SHS-1	STANDARD HIGHWAY SIGNS
1327	SHS-27	STANDARD HIGHWAY SIGNS
1328	SHS-28	STANDARD HIGHWAY SIGNS
1329	SHS-29	STANDARD HIGHWAY SIGNS
1330	SHS-30	STANDARD HIGHWAY SIGNS
1331	SHS-31	STANDARD HIGHWAY SIGNS

ROUTE

TYPICAL SECTION PROJECT NO. ECP 28-097-19 ETOWAH COUNTY



EXSITING ROADWAY

TYPICAL SECTION

IN PLACE & REQD MATERIALS LEGND

- 1 424A-340 REQD SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (APP. 135 LB/SY YD)(30' WIDE)
- 2 424B-636 REQD SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (APP. 300 LB/SY YD)
- 3 424C-340 REQD SUPERPAVE BITUMINOUS CONCRETE BASE LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (APP. 300 LB/SY YD)
- 4) 301A-012 REQD CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (FULL WIDTH)
- 5) 210D-001 REQD BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)
- (6) 210A-000 REQD UNCLASSIFIED EXCAVATION

EXSITING ROADWAY

(7) 210A-000 REQD 18" CONCRETE ROADWAY PIPE

REFERENCE	FISCAL	SHEET
PROJECT NO	YEAR	No.
ECP 28-097-19	2021	24

PROJECT NOTES PROJECT NO. ECP 28-097-19 ETOWAH COUNTY

KEY	NO.	NOTE
	300	THE ALABAMA DEPARTMENT OF TRANSPORTATION WILL PLACE ALL NECESSARY PERMANENT SIGNS AND ROADWAY STRIPE REQUIRED FOR THE PROJECT.
	301	ITEM 210D-001 BORROW SHALL BE TESTED BY A TESTING LAB TO MEET THE A4 OR BETTER REQUIREMENTS TO THE SATISFACTION OF THE ENGINEER.
	302	ALL ITEMS ARE TO CONSTRUCTED ACCORDING TO ALDOT SPECIFICATIONS.
	303	ALL TEMPORARY CONSTRUCTION SIGNS ARE TO BE SUPPLIED BY THE CONTRACTOR.

KEY	NO.	NOTE
	800	NO UTILITIES INVOLVED
	900	A NOTICE OF REGISTRATION FOR NPDES PERMIT COVERAGE HAS NOT BEEN FILED WITH ADEM FOR THIS PROJECT.

REFERENCE	FISCAL	SHEET
PROJECT NO	YEAR	NO.
ECP 28-097-19	2021	3

SUMMARY OF QUANTITIES PROJECT NO. ECP 28-097-19 ETOWAH COUNTY

<u>UANTITY</u>	<u>ITEM NO.</u>	<u>UNIT</u>	<u>DESCRIPTION</u>
60	210A-000	CU. YD.	UNCLASSIFIED EXCAVATION
60	210D-001	CU. YD.	BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)
18	214A-000	CU. YD.	STRUCTURE EXCAVATION
13	214B-001	CU. YD.	FOUNDATION BACKFILL, COMMERCIAL
185	301A-012	SQ. YD.	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS
30	405A-000	GALLON	TACK COAT
30	424A-340	TON	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B
75	424B-636	TON	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B
75	424C-340	TON	SUPERPAVE BITUMINOUS CONCRETE BASE LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B
80	530A-001	LIN. FT.	18" ROADWAY PIPE (CLASS 3 R.C.)
1	600A-000	LUMP SUM	MOBILIZATION
30	614A-000	CU. YD.	SLOPE PAVING
2	619A-002	EACH	18" ROADWAY PIPE END TREATMENT, CLASS 1
200	623B-000	LIN. FT.	CONCRETE CURB, TYPE N
90	623B-001	LIN. FT.	CONCRETE CURB, TYPE N SPECIAL
50	650A-000	CU. YD.	TOPSOIL
1	652A-100	ACRE	SEEDING
1	656A-010	ACRE	MULCHING
100	665J-002	LIN. FT.	SILT FENCE
100	6650-001	LIN. FT.	SILT FENCE REMOVAL
50	665Q-002	LIN. FT.	WATTLE
1	698A-000	LUMP SUM	CONSTRUCTION FUEL (MAXIMUM BID LIMITED TO \$
300	701H-001	LIN. FT.	SOLID TRAFFIC STRIPE REMOVED (PLASTIC)
300	740B-000	SQ. FT.	CONSTRUCTION SIGNS
200	740D-000	EACH	CHANNELIZING DRUMS
2	742A-001	EACH	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2

