MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22

MOBILE COUNTY, ALABAMA

REBUILD ALABAMA PROGRAM

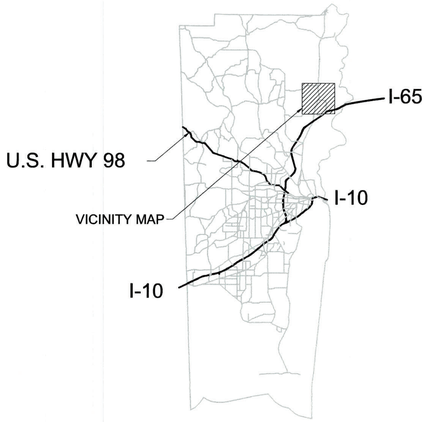
PROJECT NO. MCP-006-22, RA49-01-22

CREOLA AXIS LOOP ROAD EAST

RESTORATION, RESURFACING AND REHABILITATION

SITE LOCATED IN SEC. 29, T-1-S, R-1-E, SEC. 30, T-1-S, R-1-E, AND SEC. 32, T-1-S, R-1-E

MOBILE, ALABAMA

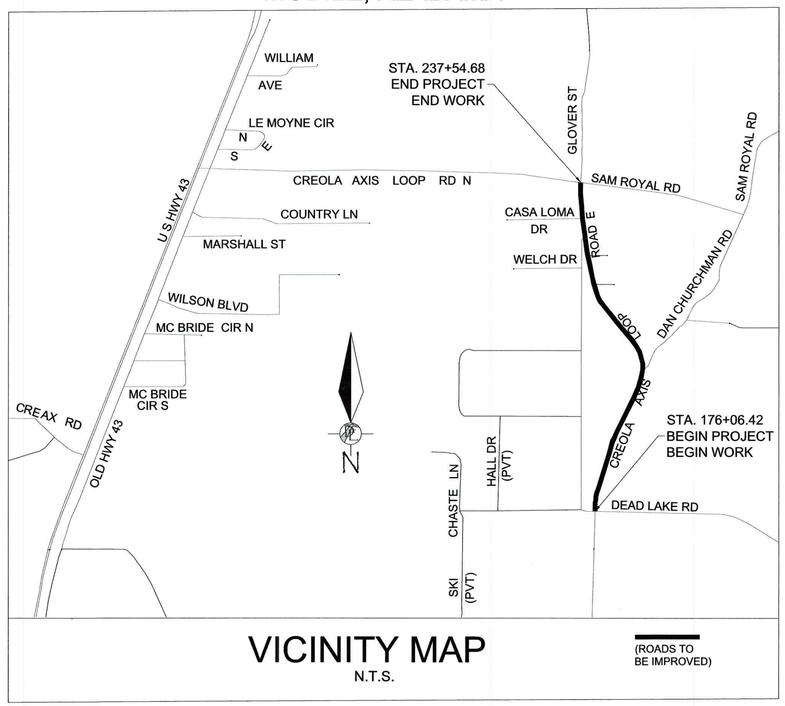


MOBILE COUNTY, AL

N.T.S.

INDEX OF DRAWINGS

SHEET #	TITLE
SHEET C01	COVER SHEET
SHEET C02	ALDOT SPECIAL DRAWING REFERENCES
SHEET C03	NOTES AND LEGEND SHEET
SHEET C04	DETAIL SHEET
SHEET C05	TYPICAL SECTIONS SHEET
SHEET C06	SUMMARY OF QUANTITYS
SHEET C07	CONTROL POINT OVER VIEW
SHEET C08-C14	PLAN AND PROFILE SHEETS
SHEET C15-C36	NOT USED
SHEET C37	TRAFFIC CONTROL PLAN
SHEET C38	TRAFFIC CONTROL DETAIL SHEET
SHEET C39	EROSION CONTROL DETAILS



VICINITY MAP

N.T.S.

(ROADS TO BE IMPROVED)

* STATIONING SHOWN REFLECTS STATIONING FOR ORIGINAL ROAD CONSTRUCTION.

CREOLA AXIS LOOP ROAD EAST	
ADT (2022)	390
ADT (2032)	475
% TRUCKS	5.0%
FUNCTIONAL CLASSIFICATION	Major Local
DESIGN SPEED	35 M.P.H.

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

Dig Safely. Alabama 1 Call

UNDERGROUND UTILITY NOTE

UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED. THE UTILITIES SHOWN MAY NOT BE A COMPLETE REPRESENTATION OF ALL UTILITY LINES IN THE PROJECT AREA. CONTRACTOR IS REQUIRED TO CONTACT ALABAMA ONE CALL PRIOR TO DIGGING (1-800-292-8525) (WWW.AL1CALL.COM). OTHER UTILITIES (INCLUDING PRIVATE UTILITIES OUTSIDE A PUBLIC RIGHT-OF-WAY) THAT DO NOT PARTICIPATE IN THE ALABAMA ONE CALL LINE LOCATION SERVICE NEED TO BE CONTACTED INDIVIDUALLY AND/OR PHYSICALLY LOCATED BY THE CONTRACTOR.

BENCH MARKS:

1. HORIZONTAL COORDINATES SHOWN ARE ALABAMA STATE PLANE COORDINATES, WEST ZONE, NAD 83.
2. ELEVATIONS SHOWN ARE NAVD88 VERTICAL DATUM. AS DERIVED FROM OPUS SESSION.
3. HORIZONTAL AND VERTICAL DATA WAS DETERMINED VIA STATIC GPS OBSERVATIONS UTILIZING CORS STATIONS.

BASE STATIONS USED

PID	DESIGNATION	LATITUDE LONGITUDE
DI3826	AL90 ALDOT 9 DIV OFF CORS ARP	N304126.969 W0880154.136
DL3486	ALDI DAUPHIN ISLAND CORS ARP	N301456.988 W0880440.688
DL7331	ALFO FOLEY CORS ARP	N302501.022 W0874030.260
DM2660	AL92 ALDOT 9 DIV DIS 2 CORS ARP	N305458.986 W0874632.462

R.O.W. IS BASED ON TAX MAPS AND DEEDS PROVIDED.

LENGTH OF PROJECT SUMMARY:			
CREOLA AXIS LOOP RD E	6148	LINEAR FEET	1.16 MILES

UTILITY OWNERS		
NATURAL GAS Spire Mr. Jacob Huffstutler 2828 Dauphin Street Mobile, AL 36606 (251)450-4624 (251)450-4758 (fax) Jacob.huffstutler@spireenergy.com	FIBER OPTIC Uniti Fiber Brandon Whigham 107 St. Francis St. Ste 1800 Mobile, AL 36602 Business: 877-652-2321 Cell: (251)709-7749 brandon.whigham@uniti.com	POWER Alabama Power Company Holly Joiner 150 St. Joseph Street P.O. Box 2247 Mobile, AL 36602 Business: (251)694-2456 Fax: (251)694-3797 hjoiner@southernco.com
TELEPHONE AT&T Mike Smith 2155 Old Shell Rd. Mobile, AL 36607 Business: (251)470-5660 Cell: (251)591-6630 Fax: (251)471-8267 ms5547@att.com	WATER Lemoyne Water System, Inc. Rob B Mcdonald 11426 Old Highway 43 Axis, AL 36505 Business: (251)675-1797 Emergency: (251)232-4012 lemoynewater@gmail.com	WATER Integra Water - Creola Bill Vaughn PO Box 69 Creola, AL 36525 Cell - (251)272-0911 wvaughn@integrawater.com

NOTE:

DESIGNED IN CONFORMANCE TO THE MOBILE COUNTY COMMISSION GUIDELINES FOR RESURFACING, RESTORATION AND REHABILITATION (RRR) FOR EXISTING COUNTY MAINTAINED ROADS, 2017 EDITION

THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION 2022 EDITION.

SUBMITTED BY: _____ DATE: 04/19/2023

AVALISHA L. FISHER, P.E., ALABAMA REG. NO. 22182

ADMINISTRATIVE APPROVAL BY: _____ DATE: 7/13/2023

W. BRYAN KEGLEY, II P.E./P.L.S.
MOBILE COUNTY ENGINEER

ADMINISTRATIVE REVIEW BY: _____ DATE: 04/20/2023

GEOTECHNICAL CONSULTANT

SOUTHERN EARTH SCIENCES
LEWIS COPELAND
Work: (251) 445-4354
Cell: (251) 633-8963
lcopeland@soearth.com

PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL. PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL.

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

CLIENT:
MOBILE COUNTY COMMISSION
MERCERIA L. LUDGOOD
CONNIE HUDSON
RANDALL DUEITT

ALABAMA LICENSED 22182 PROFESSIONAL ENGINEER AVALISHA L.S. FISHER

Driven Engineering, Inc.
8005 Morris Hill Road, Semmes, AL 36575
(251) 649-4011 Office
(251) 645-0971 Fax
www.drivenengineering.com

TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
COVER SHEET

DATE:	SCALE:
10/11/2020	AS SHOWN

PROJECT NUMBER: 21092

DRAWING NUMBER	TOTAL SHEETS	REVISION
C01	17	0

ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL AND STANDARD HIGHWAY DRAWING REFERENCES, 2022 EDITION:

INDEX	DWG. NO.	DESCRIPTION
65401	SS-654	SOD TERRACE OUTLETS AND SOD FLUMES
66501	ESC-100-1	BEST MANAGEMENT PRACTICE REFERENCE MATRIX
66502	ESC-100-2	BEST MANAGEMENT PRACTICE REFERENCE MATRIX
66505	ESC-200-1	TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS
66515	ESC-300-4	DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS
70101	PS-701-6	DETAILS OF TRAFFIC STRIPING FOR 2 LANE HIGHWAYS
70104	197-NPL	DETAILS OF NO PASSING LINES FOR TWO LANE, TWO DIRECTION ROADWAY
70301	TCM-703	PAVEMENT LEGENDS AND MARKINGS DETAILS (SHEET 1 OF 2)
70302	TCM-703	PAVEMENT LEGENDS AND MARKINGS DETAILS (SHEET 2 OF 2)
70501	PM-705-1	DETAILS OF PAVEMENT MARKERS CLASS A, A-H, AND B
70504	PM-705-2	DETAILS SHOWING APPLICATION OF PAVEMENT MARKERS
71017	IHS-710-12	DETAILS OF ROADWAY SIGN POST (SMALL CHANNEL AND TUBULAR SECTION)
71032	IHS-710-21	DETAILS FOR LOCATION AND MOUNTING STANDARD FLAT PANEL SIGNS ON U-CHANNEL AND TUBULAR POSTS
71035	IHS-710-23	LIGHTWEIGHT STRUCTURAL SIGN SUPPORT INSTALLATIONS
71041	SL-710	TYPICAL STOP AND YIELD SIGN LOCATIONS
71069	SHS-10	STANDARD HIGHWAY SIGNS
71092	SHS-28	STANDARD HIGHWAY SIGNS
71093	SHS-29	STANDARD HIGHWAY SIGNS
71094	SHS-30	STANDARD HIGHWAY SIGNS
74004	LCS-107	DETAILS SHOWING REQUIREMENTS FOR LIGHTING CONSTRUCTION SIGNS
74007	TCD-100	DETAILS FOR TRAFFIC CHANNELIZATION DEVICES

ALABAMA DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL DETAIL LIBRARY

INDEX	DWG. NO.	DESCRIPTION
1	2000	GENERAL TRAFFIC CONTROL NOTES (TCP NOTES IN PDF FORMAT)

ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL PROJECT DETAILS

INDEX	DESCRIPTION
TRAFFIC CONTROL PLAN DETAILS	TCP NOTES SHEET 1 OF 2
TRAFFIC CONTROL PLAN DETAILS	TCP NOTES SHEET 2 OF 2

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A	05/25/2022	BRH	ALF	ALF	50% SUBMITTAL
B	10/24/2022	ALF	DDW	ALF	90% SUBMITTAL
C	1/6/2023	BRH	ALF	ALF	100% SUBMITTAL
D	04/13/2023	BRH	ALF	ALF	SECOND 100% SUBMITTAL
0	04/19/2023	BRH	BRH	BRH	ISSUED FOR BIDS

CLIENT:
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TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
ALDOT SPECIAL
DRAWING REFERENCES

DATE: 10/11/2020
SCALE: AS SHOWN

PROJECT NUMBER: 21092

DRAWING NUMBER	TOTAL SHEETS	REVISION
C02	17	0

Symbol Table

△	CONTROL POINT
○	CAPPED REBAR
	FIRE HYDRANT
	DOWN GUY
	LIGHT POLE
	MAILBOX
	OPEN PIPE MARKER
	POWER POLE
	STREET SIGN
	SHRUB
	TREE
	TELEPHONE PEDESTAL
	WATER METER
	WATER VALVE

LINE ITEMS

- PROPOSED INTERMEDIATE CONTOUR (101)
- PROPOSED INDEX CONTOUR (100)
- EXISTING INTERMEDIATE CONTOUR (11)
- EXISTING INDEX CONTOUR (10)
- FORESHORTENED LINE
- EXISTING EASEMENT
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- MATCH LINE
- RIGHT-OF-WAY TBA
- EASEMENT TBA
- PROPOSED PROPERTY LINE
- FENCE RESET LOCATION
- PROPOSED EDGE OF PAVEMENT
- ADJOINER'S PROPERTY LINES
- EXISTING EDGE OF PAVEMENT
- EXIST OVERHEAD UTILITY LINE(S) (OHP)
- EXIST UNDERGROUND TELEPHONE LINE (UT)
- EXIST. UNDERGROUND GAS LINE OR PIPELINE (GAS)
- EXISTING UNDERGROUND POWER LINE (UP)
- EXIST SANITARY SEWER LINE (SS)
- EXISTING FENCE
- EXISTING WATER LINE (W)
- LIMITS OF CONSTRUCTION
- REQ'D SILT FENCE
- EXISTING GUARD RAIL LEFT
- EXISTING GUARD RAIL RIGHT
- EXIST SANITARY SEWER STEEL ENCASEMENT LINE (SS)

ABBREVIATIONS

(A)	ACTUAL
(R)	RECORD
(D)	DEED CALL
(M)	FIELD MEASUREMENT
(P)	PLAT (UNRECORDED)
B.O.B.	BASIS OF BEARINGS
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
R/W	RIGHT-OF-WAY
TBA	TO BE ACQUIRED
FFE	FINISHED FLOOR ELEVATION
PVC	POLYVINYL CHLORIDE PIPE
RCP	REINFORCED CONCRETE
CSFPE	CORRUGATED SMOOTH FLOW POLYETHYLENE PIPE
LS	LUMP SUM
SY	SQUARE YARD
LF	LINEAR FOOT
EA	EACH
CY	CUBIC YARD
STA	STATION
GAL	GALLON
AC	ACRE
SF	SQUARE FOOT
LB	POUND
REQD	REQUIRED
EOP	EDGE OF PAVEMENT OR END OR PROJECT
EX/EXIST	EXISTING
MIN	MINIMUM
BOP	BEGINNING OF PROJECT
TYP	TYPICAL
ELEV	ELEVATION
RET	RETAIN(ED)
FO	FIBER OPTIC

HATCHES

- DIRT
- CONCRETE
- ASPHALT
- GRAVEL
- TURF REINFORCING MAT
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- PROPOSED GRAVEL
- PROPOSED RIP RAP
- PROPOSED PLANING

GENERAL NOTES:

1. STANDARD SPECIFICATIONS FOR STREETS AND DRAINAGE: REFERENCE IS MADE TO THE ALABAMA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION", 2022 EDITION. ALL PROVISIONS OF SAID STANDARD SPECIFICATIONS SHALL APPLY TO THIS CONTRACT AND ARE HEREBY MADE A PART OF THIS CONTRACT, EXCEPT WHEN THE PROVISIONS HEREON OR THE PLANS ARE CLEARLY IN CONFLICT WITH THE PROVISIONS OF SAID STANDARD SPECIFICATIONS, THE PROVISIONS HEREON AND THE PLANS SHALL GOVERN.
2. THE CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO CONSTRUCTION OR FABRICATION.
3. THE CIVIL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND ANY APPLICABLE SPECIFICATIONS. CONTRACTOR IS DIRECTED TO NOTIFY THE ENGINEER OF RECORD IMMEDIATELY IF ANY CONFLICT IS FOUND BETWEEN THE CIVIL PLANS AND THE PLANS OF OTHER DISCIPLINES, OR IF ANY OTHER CONFLICTS ARE FOUND ON THE CIVIL SHEETS.
4. WHERE A DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY CALLED FOR ON THE DRAWINGS.
5. ALL UNPAVED AREAS THAT HAVE BEEN GRADED, CUT, OR FILLED SHALL BE TREATED WITH A SUITABLE COMMERCIAL FERTILIZER IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION 2022 STANDARD SPECIFICATIONS, AND SEEDED WITH A MIXTURE TO SUIT THE PLANTING ZONE (652.03) AND DATE OF PLANTING (860.01) PER ALABAMA DEPARTMENT OF TRANSPORTATION 2018 STANDARD SPECIFICATIONS. A FIRM STAND OF PERMANENT GRASS WILL BE REQUIRED.
6. ALL CONCRETE USED ON THE PROJECT SHALL BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH REQUIRED IN 28 DAYS, UNLESS SPECIFICATIONS REQUIRE CONCRETE OF GREATER STRENGTH.
7. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED. THE UTILITIES SHOWN MAY NOT BE A COMPLETE REPRESENTATION OF ALL UTILITY LINES IN THE PROJECT AREA. CONTRACTOR IS REQUIRED TO CONTACT ALABAMA ONE CALL PRIOR TO DIGGING (1-800-292-8525) (WWW.ALS811COM). OTHER UTILITIES (INCLUDING PRIVATE UTILITIES INSIDE OR OUTSIDE A PUBLIC RIGHT-OF-WAY) THAT DO NOT PARTICIPATE IN THE ALABAMA ONE CALL LINE LOCATION SERVICE NEED TO BE CONTACTED INDIVIDUALLY AND/OR PHYSICALLY LOCATED BY THE CONTRACTOR.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROPER COMPACTION ON ANY AND ALL UTILITY DITCHES.
9. ALL FILL AND EMBANKMENT CONSTRUCTION SHALL BE COMPACTED AS REQUIRED IN LAYERS NOT TO EXCEED 8".
10. ALL SUITABLE EXCESS UNCLASSIFIED EXCAVATION IS TO BE UTILIZED FOR CONSTRUCTION OF EMBANKMENTS AND SLOPES NOT DIRECTLY UNDER THE TRAVEL WAY OR PARKING AREAS PRIOR TO USING ANY OFFSITE BORROW EXCAVATION. AFTER CONSTRUCTION OF SUCH AREAS IS COMPLETED, EXCESS EXCAVATION SHALL BE SPREAD AS DIRECTED BY THE ENGINEER, OR AT THE ENGINEER'S DIRECTION, HAULED FROM THE SITE AT NO ADDITIONAL PAYMENT.
11. ALL SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED AND FULLY FUNCTIONING PRIOR TO ANY OTHER CONSTRUCTION OR GRADING ACTIVITY.
12. ALL SLOPES MUST BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION.
13. THE SITE IS LOCATED IN SEC. 29, T-1-S, R-1-S, SEC.30, T-1-S, R-1-E, AND SEC. 32, T-1-S, R-1-E, MOBILE COUNTY, ALABAMA.
14. PRELIMINARY SOILS TESTING AND ON-SITE CONSTRUCTION MATERIALS TESTING IS (TO BE) PERFORMED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER FOR THIS PROJECT IS SOUTHERN EARTH SCIENCES. THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE GEOTECHNICAL ENGINEER/TESTING LABORATORY OF HIS WORKING SCHEDULE IN ORDER THAT THE PROPER SAMPLE MAY BE OBTAINED AND TEST MADE.
15. ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER.
16. ANY TEMPORARY HIGH INTENSITY LIGHTING FACILITIES SHALL BE SO ARRANGED THAT THE SOURCE OF ANY LIGHT IS CONCEALED FROM PUBLIC VIEW AND FROM ADJACENT RESIDENTIAL PROPERTY AND DOES NOT INTERFERE WITH TRAFFIC.
17. CONTRACTOR IS PROHIBITED FROM DISTURBING SITE AREAS OUTSIDE THE CONSTRUCTION LIMITS SHOWN ON THE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER. STAGING AREAS OUTSIDE THE CONSTRUCTION LIMITS, PILES OF DIRT, AND OTHER BARE AREAS ARE TO BE COVERED AS DIRECTED BY THE ENGINEER. ANY AREAS DISTURBED OUTSIDE THE CONSTRUCTION LIMITS WILL BE REPAIRED AND COVERED WITH A FIRM STAND OF GRASS BEFORE FINAL PAYMENT AND FINAL ACCEPTANCE OF THE PROJECT AT NO ADDITIONAL COST TO THE OWNER. IF GRASS WILL NOT GROW ON THE SUBJECT AREA DUE TO POOR WEATHER CONDITIONS, THE CONTRACTOR AGREES TO PLACE SOD ON THE AREA TO PREVENT EXCESS BARE AREAS FROM CONTRIBUTING SEDIMENT EROSION TO THE AREAS OF THE SITE THAT ARE UNDER CONSTRUCTION.
18. CONTRACTOR IS REQUIRED TO USE "BEST MANAGEMENT PRACTICES" COMPLIANT WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", ALABAMA SOIL AND WATER CONSERVATION COMMITTEE, MONTGOMERY, ALABAMA, VOLUMES 1 & 2, CURRENT EDITION, TO PREVENT SEDIMENT LADEN STORM WATER RUNOFF OR ERODED MATERIALS FROM LEAVING THE CONSTRUCTION SITE.
19. TREES THAT ARE TO BE PROTECTED AND PRESERVED, AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER OR THE ENGINEER'S INSPECTOR SHALL BE PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. THE CONTRACTOR IS DIRECTED TO EXERCISE EXTREME CAUTION WHEN WORKING NEAR THESE TREES. NO VEHICLES OR HEAVY EQUIPMENT SHALL BE PARKED OR STORED UNDER THE CANOPY OF THESE TREES. WHEN SUBGRADE IS EXCAVATED IN THE ROOT ZONE OF THESE TREES, ROOTS ARE TO BE SAWED NOT RIPPED WITH HEAVY EQUIPMENT SUCH AS BACKHOE BUCKETS. NO METHOD OF ROOT REMOVAL WILL BE DONE BY ANY METHOD THAT WOULD RESULT IN ANY DISPLACEMENT OF ROOTS THAT ARE TO REMAIN.
20. THE MOWING PAY ITEM IN THIS PROJECT INCLUDES REMOVING LITTER AND DEBRIS FROM THE AREAS TO BE MOWED PRIOR TO MOWING. ANY DEBRIS REMAINING IN MOWED AREAS SHALL BE REMOVED BY THE CONTRACTOR IMMEDIATELY AFTER MOWING AND THE MOWED AREA SHALL BE FREE OF LITTER AND DEBRIS IN ORDER FOR THE ENGINEER TO APPROVE PAYMENT OF THE MOWING WORK. THE CONTRACTOR SHALL SCHEDULE AN ON SITE ASSESSMENT WITH THE ENGINEER PRIOR TO BEGINNING MOWING OPERATIONS.
21. TOPSOIL THICKNESS MAY VARY AT THE EDGE OF PAVEMENT TO TIE INTO THE PAVEMENT GRADE.
22. TACK COAT TO BE APPLIED ON DRIVEWAYS AS DIRECTED BY THE ENGINEER. SEE ALDOT SPECIAL PROVISION 18-1024 FOR ADDITIONAL REQUIREMENTS.
23. PROFILE GRADE REPRESENTS FINISHED GRADE ELEVATION ON CENTERLINE.
24. THE FOLLOWING NOTIFICATION SHALL BE MADE IN EVENT U.S. GOVERNMENT MARKERS OR STATE MARKERS ARE FOUND WITHIN CONSTRUCTION LIMITS OF A PROJECT. NOTIFICATION COVERING U.S. MARKERS SHALL BE MADE TO THE UNITED STATES DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION OFFICE OF THE NATIONAL GEODETIC SURVEY, 1315 EAST-WEST HIGHWAY, SILVER SPRING, MARYLAND 20910-3282. NOTIFICATION COVERING STATE MARKERS SHALL BE MADE TO THE ALABAMA DEPARTMENT OF TRANSPORTATION, BUREAU OF TRANSPORTATION PLANNING, SURVEYING AND MAPPING DIVISION, 1409 COLISEUM BOULEVARD, MONTGOMERY, ALABAMA 36110
25. MAILBOXES WITHIN THE CONSTRUCTION LIMITS SHALL BE TEMPORARILY RELOCATED AND RESET IN ACCORDANCE WITH ARTICLE 104.04 OF THE STANDARD SPECIFICATIONS. PERMANENT RELOCATION OF MAILBOXES SHALL BE IN ACCORDANCE WITH SECTION 209. IF A PERMANENT MAILBOX RELOCATION IS REQUIRED BY THE PLANS AND NO SEPARATE PAY ITEM IS PROVIDED IN THE PLANS, THIS WORK SHALL BE CONSIDERED A SUBSIDIARY OBLIGATION OF OTHER ITEMS OF WORK INCLUDED IN THE PROJECT.
26. PLACEMENT OF SOLID SOD ADJACENT TO FINAL ASPHALT GRADES SHALL NOT CAUSE STORMWATER TO POOL TEMPORARILY OR PERMANENTLY ON THE ASPHALT SURFACE.

PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL.
PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL.

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

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TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
NOTES AND LEGEND SHEET

DATE	SCALE
10/11/2020	AS SHOWN

PROJECT NUMBER: 21092

DRAWING NUMBER	TOTAL SHEETS	REVISION
C03	17	0

GENERAL NOTES

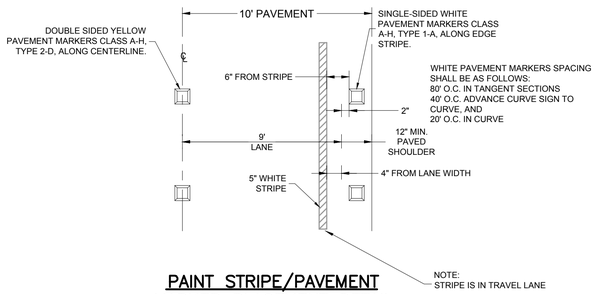
1.) THE CONTRACTOR SHALL BE REQUIRED TO CLEAR THE RIGHT-OF-WAY ON THE INSIDE AND OUTSIDE OF HORIZONTAL CURVES AS SHOWN ON PLAN SHEETS. PRIOR TO BEGINNING ANY CLEARING OPERATIONS, THE PROJECT ENGINEER AND THE PROJECT SUPERINTENDENT SHALL SURVEY THE HORIZONTAL CURVES TO DESIGNATE ANY SELECTED TREES THAT SHALL BE ALLOWED TO REMAIN IN PLACE. ANY TREES ALLOWED TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE PROJECT ENGINEER.

2.) THE FRONT & BACK SLOPES SHOWN ARE TO BE USED UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR THE ENGINEER'S INSPECTOR.

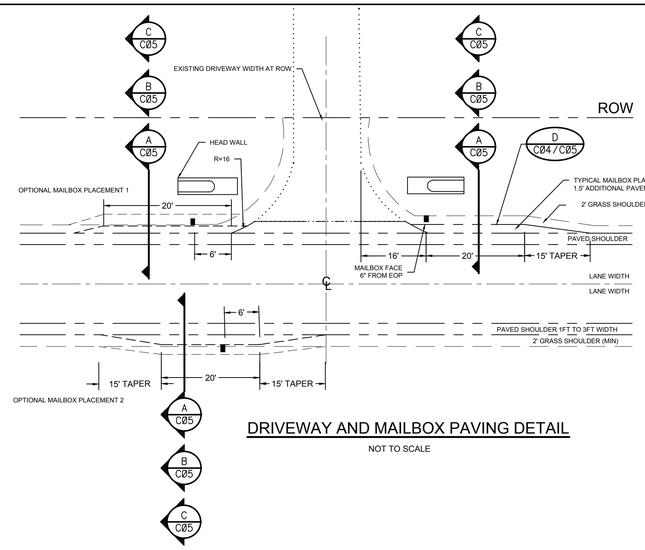
3.) THE EXISTING PAVEMENT VARIES 20' TO 21' WIDE.

4.) TOPSOIL THICKNESS MAY VARY AT THE PAVEMENT EDGE TO TIE TO THE PAVEMENT.

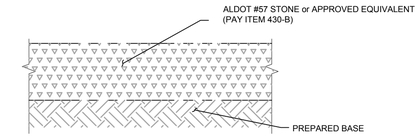
5.) THE TRIMMING TO OBTAIN THE REQUIRED VERTICAL CLEARANCE SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 201C – CLEARING. THE 20'–0" MINIMUM VERTICAL CLEARANCE SHALL BE PRESENT AT THE TIME OF FINAL INSPECTION BY THE COUNTY OF MOBILE.



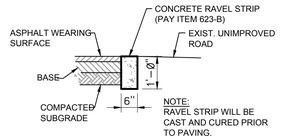
PAINT STRIPE/PAVEMENT MARKER PLACEMENT DETAIL
N.T.S.



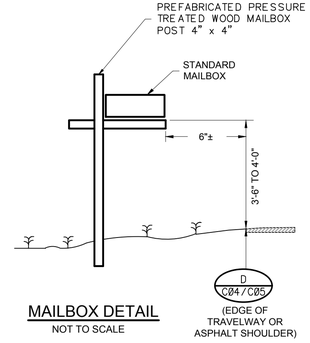
DRIVEWAY AND MAILBOX PAVING DETAIL
NOT TO SCALE



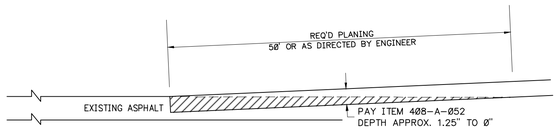
AGGREGATE SURFACING BUILDUP WHERE DIRECTED BY THE ENGINEER
NOT TO SCALE



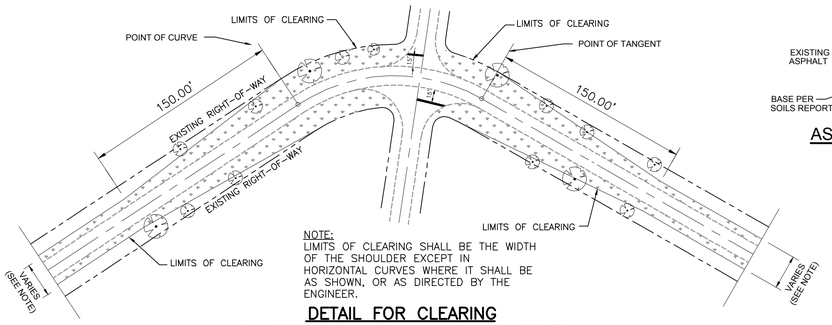
TYPICAL RAVEL CURB
SCALE: N.T.S.



MAILBOX DETAIL
NOT TO SCALE

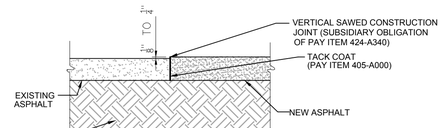


BUTT JOINT DETAIL
NOT TO SCALE

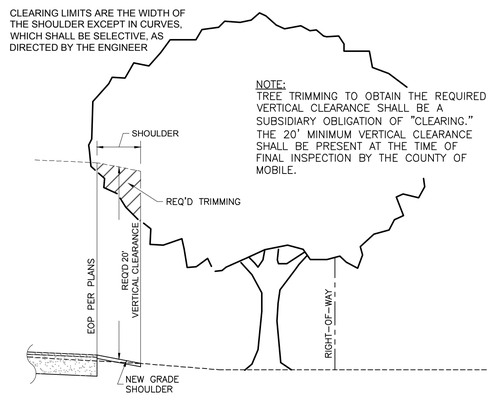


NOTE:
LIMITS OF CLEARING SHALL BE THE WIDTH OF THE SHOULDER EXCEPT IN HORIZONTAL CURVES WHERE IT SHALL BE AS SHOWN, OR AS DIRECTED BY THE ENGINEER.

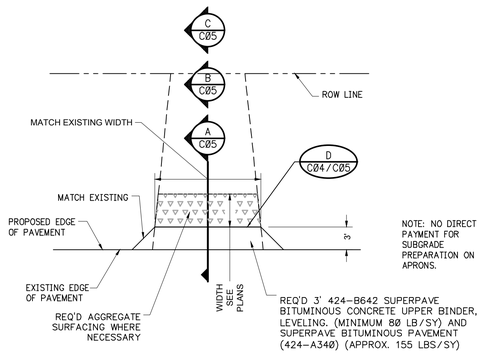
DETAIL FOR CLEARING IN HORIZONTAL CURVES & TANGENTS (2 OF 2)
N.T.S.



ASPHALT CONSTRUCTION JOINT
NOT TO SCALE



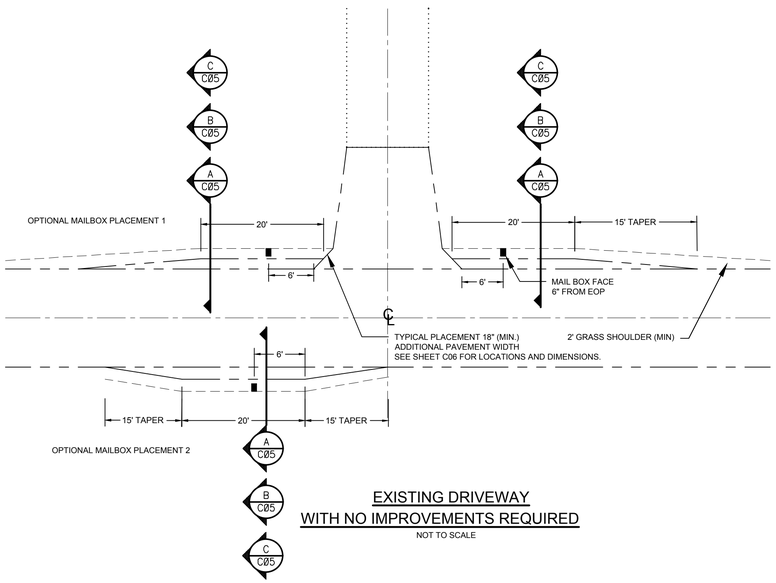
CLEARING DETAIL (1 OF 2)
N.T.S.



PLAN

NOTE: WHERE EXISTING DRIVEWAY IS CONCRETE, REQ'D REMOVE CONCRETE (206-C) ONLY IN AREA WHERE THE NEW ASPHALT APRON IS REQUIRED. (SEE SECTION A ON C05)

DRIVEWAY APRON DETAIL
NOT TO SCALE



EXISTING DRIVEWAY WITH NO IMPROVEMENTS REQUIRED
NOT TO SCALE

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

WE UTILIZE SCREENING TECHNIQUES IN OUR DESIGN AND / THESE SOMETIMES ARE NOT VISIBLE. IF OUR DESIGN HAS BEEN COPIED OR PRINTED WITH A LOW QUALITY SETTING. YOU CAN BE SURE THAT YOU HAVE A HIGH QUALITY PRINT OR COPY IF YOU CAN SEE THE DRIVEN ENGINEERING, INC. LOGO BEHIND THE TEXT IN THIS BOX.

CLIENT:
MOBILE COUNTY COMMISSION
MERCERIA L. LUDGOOD
CONNIE HUDSON
RANDALL DUEITT

ALABAMA LICENSED 22182 PROFESSIONAL ENGINEER WALISA L.S. FISHER

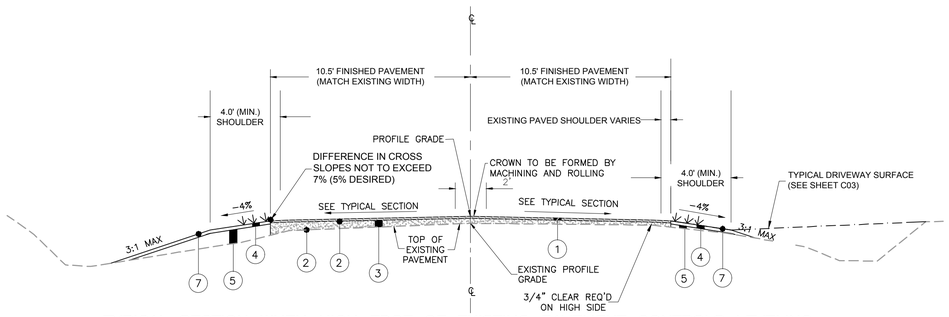
Driven Engineering, Inc.
8005 Morris Hill Road, Semmes, AL 36575
(251) 649-4011 Office
(251) 645-0971 Fax
www.drivenengineering.com

TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
DETAIL SHEET

DATE	SCALE
10/11/2020	AS SHOWN

PROJECT NUMBER: 21092

DRAWING NUMBER	TOTAL SHEETS	REVISION
C04	17	0



TYPICAL SECTION WHEN HIGH EDGE OF EXISTING PAVEMENT CONTROLS LEVELING

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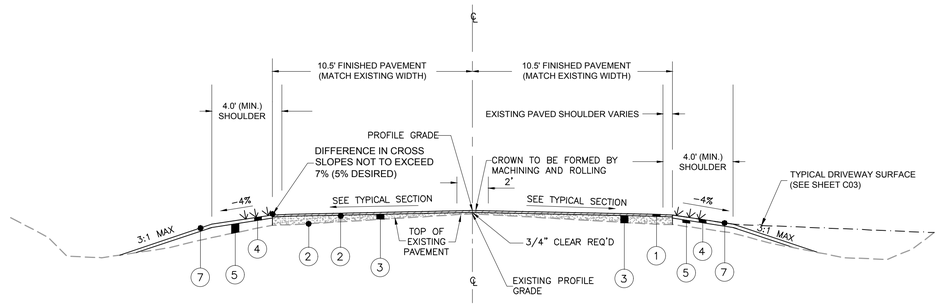

TYPICAL SECTION WHEN HIGH CENTER CONTROLS LEVELING

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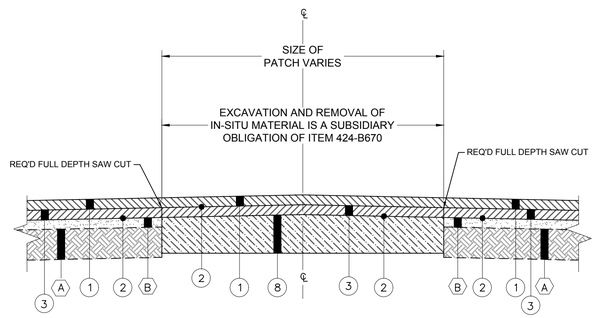
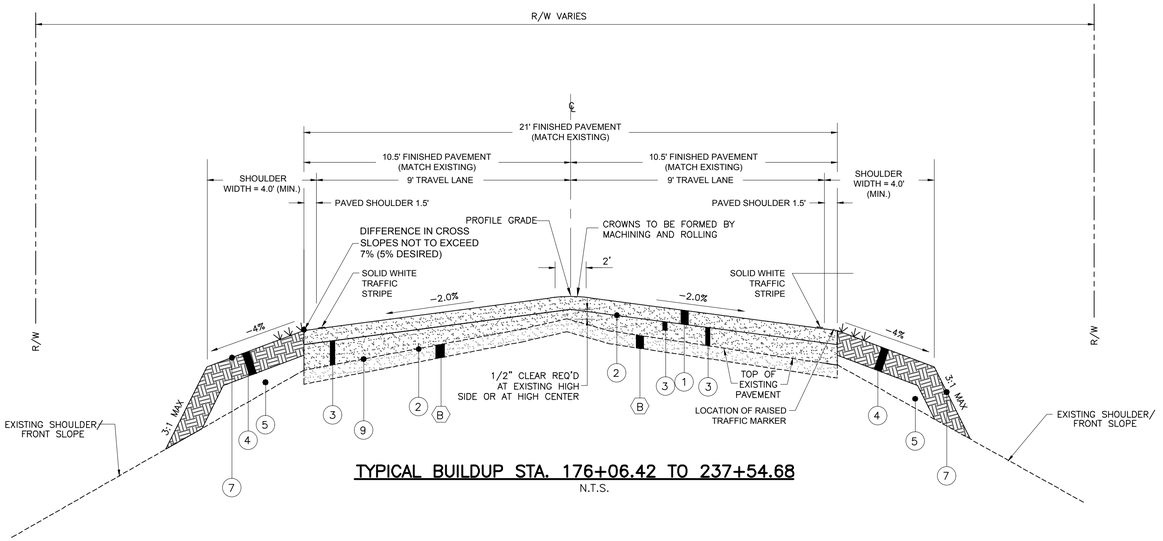


RESURFACING PATCH DETAIL

N.T.S.

NOTE:
PATCHING NOT TO EXCEED 350 POUNDS PER LIFT, TO BE PLACED WHERE DIRECTED BY ENGINEER.

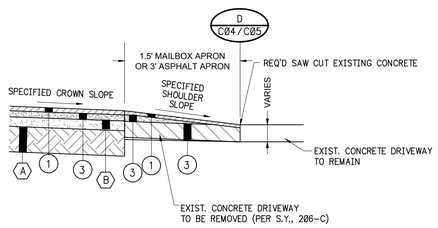


TYPICAL BUILDUP STA. 176+06.42 TO 237+54.68

N.T.S.

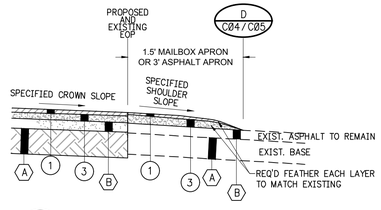
ASPHALT BUILDUP LEGEND

A		EXISTING BASE
B		EXISTING ASPHALT PAVEMENT
1	424-A340	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAX AGGREGATE SIZE, ESAL RANGE A/B, 165 LB/SY
2	405-A000	TACK COAT
3	424-B642	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, ½" MAX AGGREGATE SIZE MIX, ESAL RANGE A/B (80-440 LB/SY)
4	650-A000	TOPSOIL, 4" COMPACTED THICKNESS
5	210-D002	BORROW EXCAVATION (LOOSE TRUCKBED MEASURE)
7	654-A001	SOLID SODDING (BERMUDA) (MIN 30" WIDTH FROM EDGE OF PAVEMENT)
8	424-B670	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, PATCHING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (330 LB/SY)
9	408-A051	PLANING EXISTING PAVEMENT (APPROXIMATELY 0.00" THRU 1.0" THICK) (ONLY WHERE INDICATED IN PLANS)



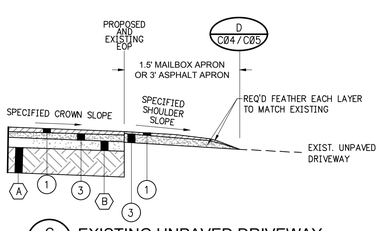
A C04 EXISTING CONCRETE DRIVEWAY

NOT TO SCALE



B C04 EXISTING ASPHALT DRIVEWAY

NOT TO SCALE



C C04 EXISTING UNPAVED DRIVEWAY

NOT TO SCALE

PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL.
PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL.

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

CLIENT:
MOBILE COUNTY COMMISSION
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www.drivenengineering.com

TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
TYPICAL SECTION SHEET

DATE	SCALE
10/11/2020	AS SHOWN

PROJECT NUMBER: 21092

DRAWING NUMBER	TOTAL SHEETS	REVISION
C05	17	0

QUANTITY	ITEM NUMBER	UNIT	DESCRIPTION
1.00	201-C001	LS	CLEARING
13.00	209-A000	EA	MAILBOX RESET
1.00	205-A001	EA	REMOVAL OF STRUCTURE(S)
16.00	206-D000	LF	REMOVING PIPE
185.00	210-A000	CY	UNCLASSIFIED EXCAVATION
600.00	210-D022	CY	BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0)
123.00	212-A000	STA	MACHINE GRADING SHOULDERS
4353.00	405-A000	GAL	TACK COAT
71.00	408-A051	SY	PLANING EXISTING PAVEMENT (APPROXIMATELY 0.00" THRU 1.0" THICK)
1.00	410-H000	EA	MATERIAL REMIXING DEVICE
1307.00	424-A340	TON	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (165 LB/SY)
25.00	424-A670	TON	SUPERPAVE BITUMINOUS CONCRETE, PATCHING 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (330 LB/SY)
2591.00	424-B642	TON	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B
50.00	430-B003	TON	AGGREGATE SURFACING
32.00	530-A001	LF	18" ROADWAY PIPE (CLASS 3 RC)
1.00	600-A000	LS	MOBILIZATION
1.00	619-A001	EA	18" ROADWAY PIPE END TREATMENT , CLASS 1, 3:1 SLOPE (QUAD BARREL)
5.00	620-A000	CY	MINOR STRUCTURE CONCRETE
1017.00	650-A000	CY	TOPSOIL, COMPACTED THICKNESS (CY IN PLACE MEASURE)
1.89	652-C000	AC	MOWING
9200.00	654-A001	SY	SOLID SODDING (BERMUDA)
200.00	665-Q002	LF	WATTLE
4.86	666-A001	AC	PEST CONTROL TREATMENT
1.00	680-A000	LS	GEOMETRIC CONTROLS
1.00	698-A001	LS	CONSTRUCTION FUEL (MAXIMUM BID LIMITED TO $32500)
2.34	701-A228	MILES	SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
2.34	701-A232	MILES	SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
9.36	701-C003	MILES	SOLID TEMPORARY TRAFFIC STRIPE (PAINT)
308.00	705-A031	EA	PAVEMENT MARKERS, CLASS A-H, TYPE 1-A
154.00	705-A037	EA	PAVEMENT MARKERS, CLASS A-H, TYPE 2-D
180.00	740-B000	SF	CONSTRUCTION SIGNS
50.00	740-D000	EA	CHANNELIZING DRUMS
50.00	740-E000	EA	CONES (36 INCHES HIGH)
2.00	740-I002	EA	WARNING LIGHTS TYPE B
50.00	740-M001	EA	BALLAST FOR CONE

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

CLIENT:
MOBILE COUNTY COMMISSION
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ALABAMA LICENSED 22182 PROFESSIONAL ENGINEER NAALISA L.S. FISHER

Driven Engineering, Inc.
8005 Morris Hill Road, Semmes, AL 36575
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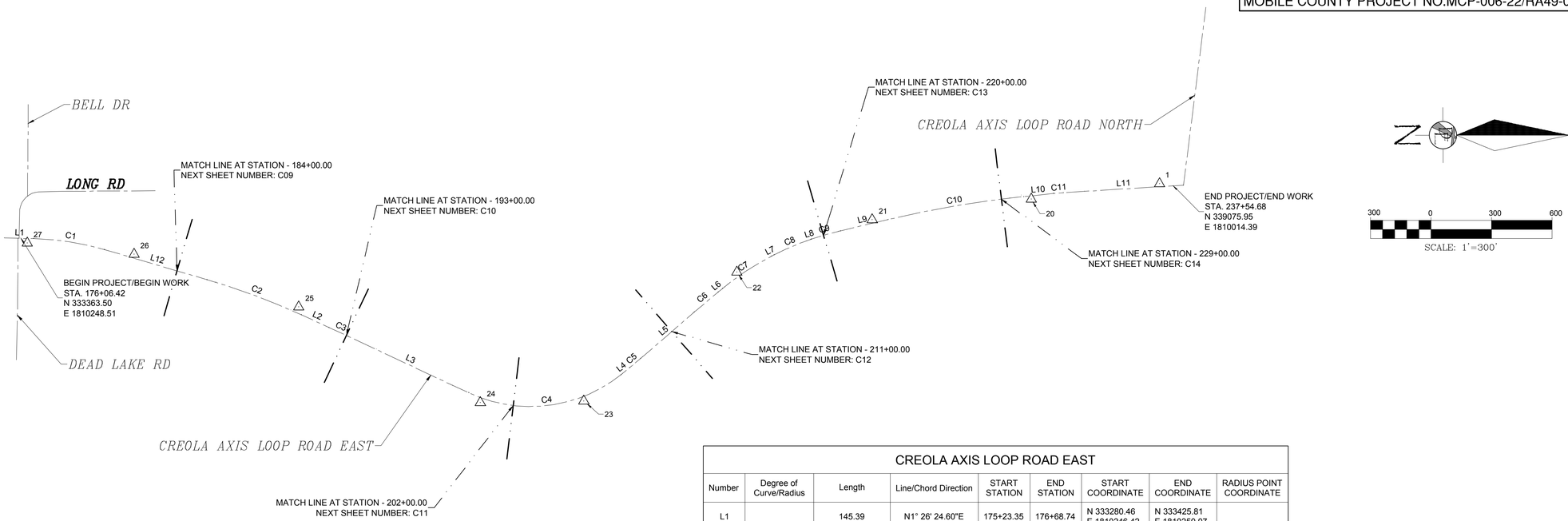
(251) 645-0971 Fax
www.drivenengineering.com

TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
SUMMARY OF QUANTITIES

DATE: 10/11/2020
SCALE: AS SHOWN
PROJECT NUMBER: 21092
DRAWING NUMBER: C06
TOTAL SHEETS: 17
REVISION: 0

MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22



INDEX OF PLAN AND PROFILE SHEETS

SHEET #	STATION RANGE PER SHEET
SHEET C08	BEGINNING OF WORK STA. 176+06 TO STA. 184+00
SHEET C09	STA. 184+00 TO STA. 193+00
SHEET C10	STA. 193+00 TO STA. 202+00
SHEET C11	STA. 202+00 TO STA. 211+00
SHEET C12	STA. 211+00 TO STA. 220+00
SHEET C13	STA. 220+00 TO STA. 229+00
SHEET C14	STA. 229+00 TO END OF WORK STA. 237+54

SURVEY CONTROL POINT TABLE

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION / OFFSET
1	339008.092	1810003.932	24.58	CPT DEI RED CR	236+87.54 / 14.35' L
20	338371.996	1810076.370	23.91	CPT MAG SET	230+47.59 / 15.86' R
21	337582.943	1810175.185	24.67	CPT MAG SET	222+52.34 / 17.47' L
22	336911.034	1810431.601	23.73	CPT MAG SET	215+35.17 / 21.72' L
23	336149.718	1811066.739	23.93	CPT MAG SET	205+48.22 / 22.06' R
24	335636.582	1811072.112	24.66	CPT DEI RED CR	200+40.11 / 22.8' R
25	334738.241	1810594.764	24.19	CPT MAG SET	190+26.55 / 29.62' L
26	333923.202	1810330.366	23.63	CPT MAG SET	181+72.50 / 18.17' L
27	333394.081	1810272.118	24.05	CPT DEI RED CR	176+37.58 / 22.84' R

CREOLA AXIS LOOP ROAD EAST

Number	Degree of Curve/Radius	Length	Line/Chord Direction	START STATION	END STATION	START COORDINATE	END COORDINATE	RADIUS POINT COORDINATE
L1		145.39	N1° 26' 24.60"E	175+23.35	176+68.74	N 333280.46 E 1810246.42	N 333425.81 E 1810250.07	
C1	004° 14' 38.87" 1350.00	356.13 (CHORD)	N9° 01' 10.62"E	176+68.74	180+25.91			N 333391.88 E 1811599.65
L12		529.05	N16° 35' 56.64"E	180+25.91	185+54.96	N 333777.53 E 1810305.90	N 334284.54 E 1810457.04	
C2	001° 38' 13.28" 3500.00	499.36 (CHORD)	N20° 41' 23.45"E	185+54.96	190+54.75			N 333284.68 E 1813811.18
L2		150.44	N24° 46' 50.26"E	190+54.75	192+05.18	N 334751.69 E 1810633.47	N 334888.28 E 1810696.52	
C3	000° 34' 22.65" 10000.00	103.28 (CHORD)	N25° 04' 35.37"E	192+05.18	193+08.46			N 330696.82 E 1819775.71
L3		660.41	N25° 22' 20.48"E	193+08.46	199+68.87	N 334981.82 E 1810740.29	N 335578.52 E 1811023.28	
C4	007° 57' 27.89" 720.00	760.00 (CHORD)	N6° 28' 58.30"W	199+68.87	207+69.48			N 335887.04 E 1810372.73
L4		55.20	N38° 20' 17.07"W	207+69.48	208+24.68	N 336333.66 E 1810937.47	N 336376.96 E 1810903.23	
C5	003° 13' 40.55" 1775.00	72.01 (CHORD)	N39° 30' 01.63"W	208+24.68	208+96.70			N 335275.93 E 1809510.98
L5		350.51	N40° 39' 46.18"W	208+96.70	212+47.21	N 336432.53 E 1810857.42	N 336698.41 E 1810629.02	
C6	001° 08' 45.30" 5000.00	154.11 (CHORD)	N39° 46' 47.33"W	212+47.21	214+01.33			N 339956.44 E 1814421.81
L6		28.88	N38° 53' 48.47"W	214+01.33	214+30.21	N 336816.85 E 1810530.42	N 336839.32 E 1810512.28	
C7	004° 02' 57.02" 1415.00	291.79 (CHORD)	N32° 58' 43.28"W	214+30.21	217+22.52			N 337727.83 E 1811613.55
L7		13.05	N27° 03' 38.09"W	217+22.52	217+35.57	N 337084.10 E 1810353.45	N 337095.72 E 1810347.52	
C8	004° 26' 29.52" 1290.00	197.27 (CHORD)	N22° 40' 31.11"W	217+35.57	219+33.04			N 337682.58 E 1811496.30
L8		3.56	N18° 17' 24.14"W	219+33.04	219+36.60	N 337277.75 E 1810271.47	N 337281.13 E 1810270.35	
C9	003° 28' 20.90" 1650.00	148.96 (CHORD)	N15° 42' 10.20"W	219+36.60	220+85.61			N 337798.94 E 1811836.99
L9		242.08	N13° 06' 56.26"W	220+85.61	223+27.70	N 337424.53 E 1810230.03	N 337660.30 E 1810175.10	
C10	001° 06' 06.63" 5200.00	682.51 (CHORD)	N9° 21' 10.17"W	223+27.70	230+10.70			N 338840.27 E 1815239.45
L10		150.24	N5° 35' 24.08"W	230+10.70	231+60.94	N 338333.74 E 1810064.18	N 338483.26 E 1810049.55	
C11	004° 46' 28.73" 1200.00	47.91 (CHORD)	N4° 26' 45.91"W	231+60.94	232+08.86			N 338600.16 E 1811243.84
L11		596.52	N3° 18' 07.74"W	232+08.86	238+05.38	N 338531.03 E 1810045.83	N 339126.57 E 1810011.47	

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
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TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
OVERVIEW WITH CONTROL POINTS

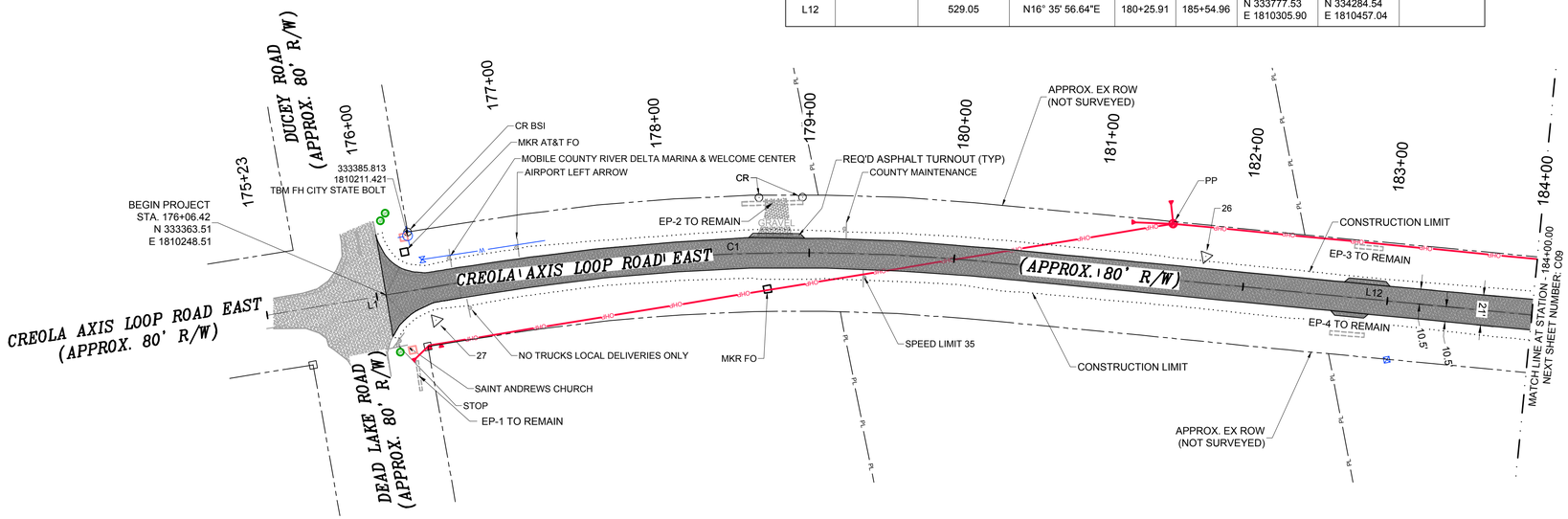
DATE: 10/11/2020
SCALE: AS SHOWN
PROJECT NUMBER: 21092
DRAWING NUMBER: C07
TOTAL SHEETS: 17
REVISION: 0

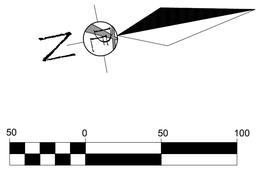
PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL.
PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL

MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22

CREOLA AXIS LOOP ROAD EAST								
Number	Degree of Curve/Radius	Length	Line/Chord Direction	START STATION	END STATION	START COORDINATE	END COORDINATE	RADIUS POINT COORDINATE
L1		145.39	N1° 26' 24.60"E	175+23.35	176+68.74	N 333280.46 E 1810246.42	N 333425.81 E 1810250.07	
C1	004° 14' 38.87" 1350.00	356.13 (CHORD)	N9° 01' 10.62"E	176+68.74	180+25.91			N 333391.88 E 1811599.65
L12		529.05	N16° 35' 56.64"E	180+25.91	185+54.96	N 333777.53 E 1810305.90	N 334284.54 E 1810457.04	

e max=3.6%





CREOLA AXIS LOOP ROAD EAST PROFILE

SLOPE TRANSITION GUIDES
RELATED TO SUPERELEVATIONS

- LEFT LANE
- RIGHT LANE
- LEFT SHOULDER
- RIGHT SHOULDER

DESIGN SPEED = 35 MPH
Kc=29
Ks=49

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

CLIENT:
MOBILE COUNTY COMMISSION
MERCERIA L. LUDGOOD
CONNIE HUDSON
RANDALL DUEITT

ALABAMA LICENSED 22182 PROFESSIONAL ENGINEER ALAISA L.S. FISHER

Driven Engineering, Inc.
8005 Morris Hill Road, Semmes, AL 36575
(251) 649-4011 Office
(251) 645-0971 Fax
www.drivenengineering.com

TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
PLAN AND PROFILE (1 OF 7)

DATE	SCALE
10/11/2020	AS SHOWN

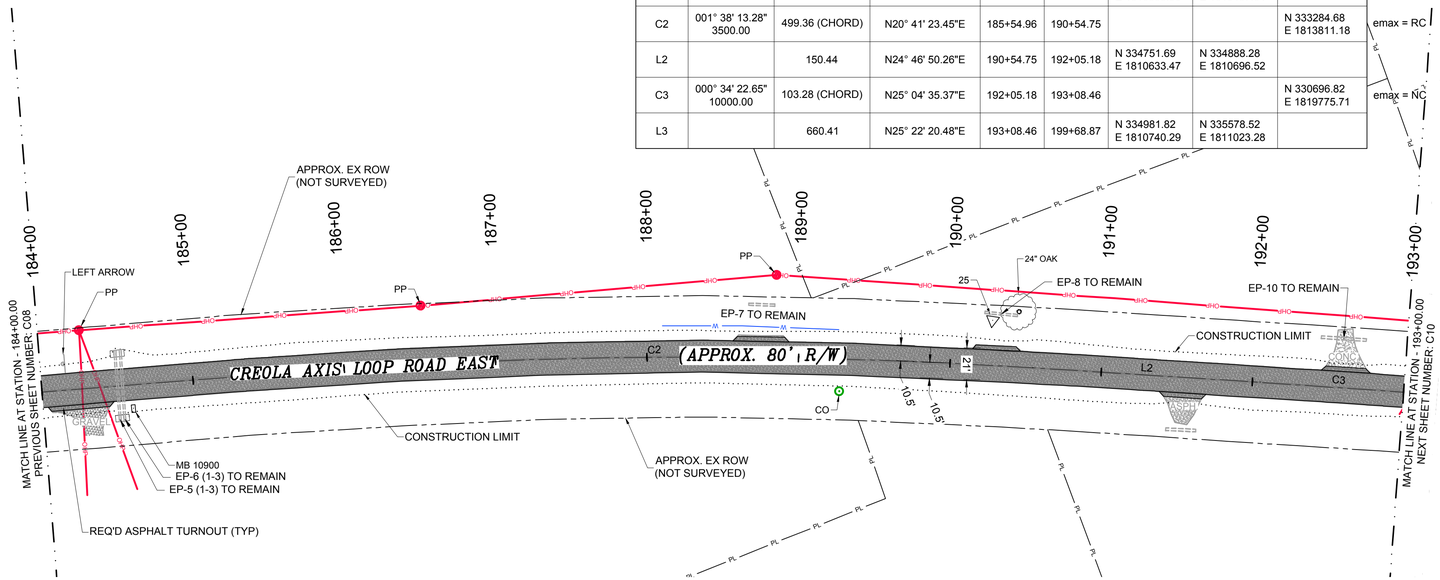
PROJECT NUMBER: 21092

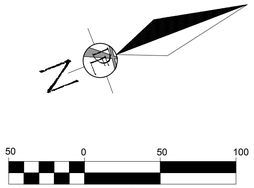
DRAWING NUMBER	TOTAL SHEETS	REVISION
C08	17	0

PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL
PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL

MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22

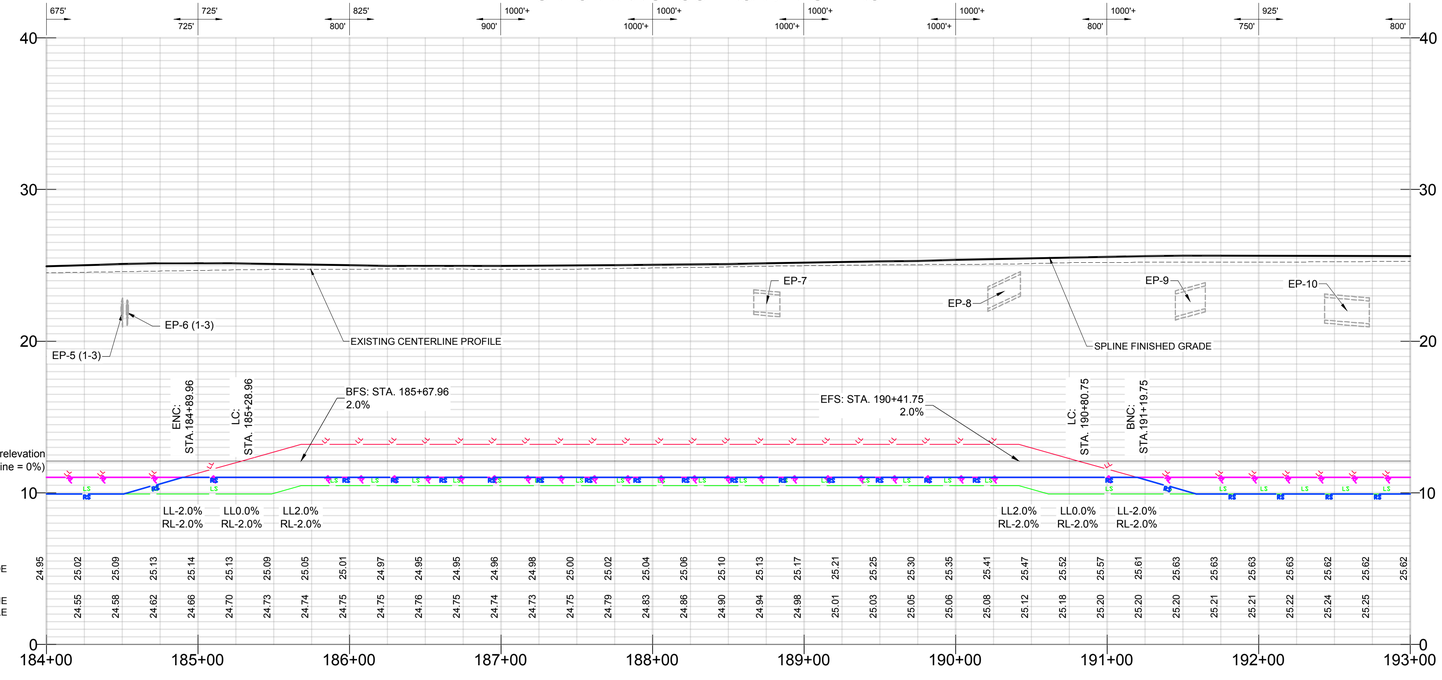
CREOLA AXIS LOOP ROAD EAST								
Number	Degree of Curve/Radius	Length	Line/Chord Direction	START STATION	END STATION	START COORDINATE	END COORDINATE	RADIUS POINT COORDINATE
L12		529.05	N16° 35' 56.64"E	180+25.91	185+54.96	N 333777.53 E 1810305.90	N 334284.54 E 1810457.04	
C2	001° 38' 13.28" 3500.00	499.36 (CHORD)	N20° 41' 23.45"E	185+54.96	190+54.75			N 333284.68 E 1813811.18
L2		150.44	N24° 46' 50.26"E	190+54.75	192+05.18	N 334751.69 E 1810633.47	N 334888.28 E 1810696.52	
C3	000° 34' 22.65" 10000.00	103.28 (CHORD)	N25° 04' 35.37"E	192+05.18	193+08.46			N 330696.82 E 1819775.71
L3		660.41	N25° 22' 20.48"E	193+08.46	199+68.87	N 334981.82 E 1810740.29	N 335578.52 E 1811023.28	





CREOLA AXIS LOOP ROAD EAST PROFILE

STOPPING SIGHT DIST. 3.50 FEET TO 2.00 FEET



SLOPE TRANSITION GUIDES RELATED TO SUPERELEVATIONS

- LEFT LANE
- RIGHT LANE
- LEFT SHOULDER
- RIGHT SHOULDER

DESIGN SPEED = 35 MPH
Kc=29
Ks=49

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A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

CLIENT:
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TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
PLAN AND PROFILE (2 OF 7)

DATE	SCALE
10/11/2020	AS SHOWN

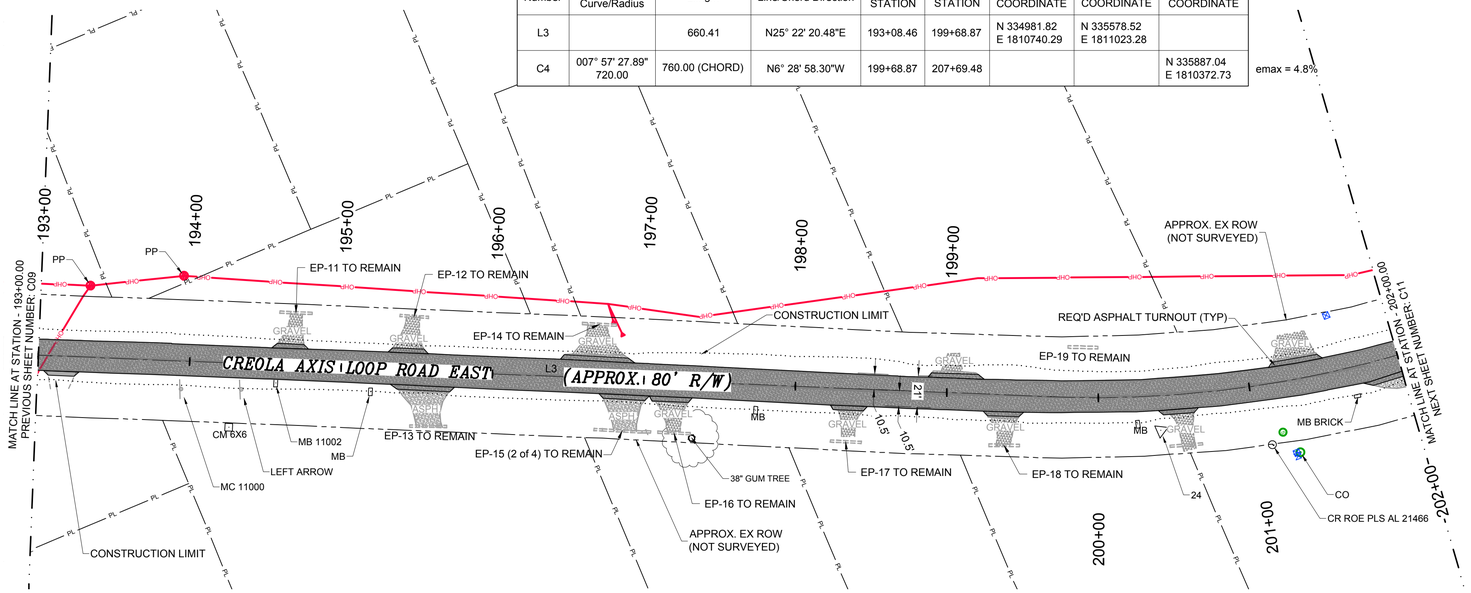
PROJECT NUMBER: 21092

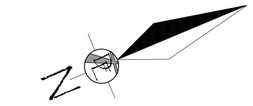
DRAWING NUMBER	TOTAL SHEETS	REVISION
C09	17	0

MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22

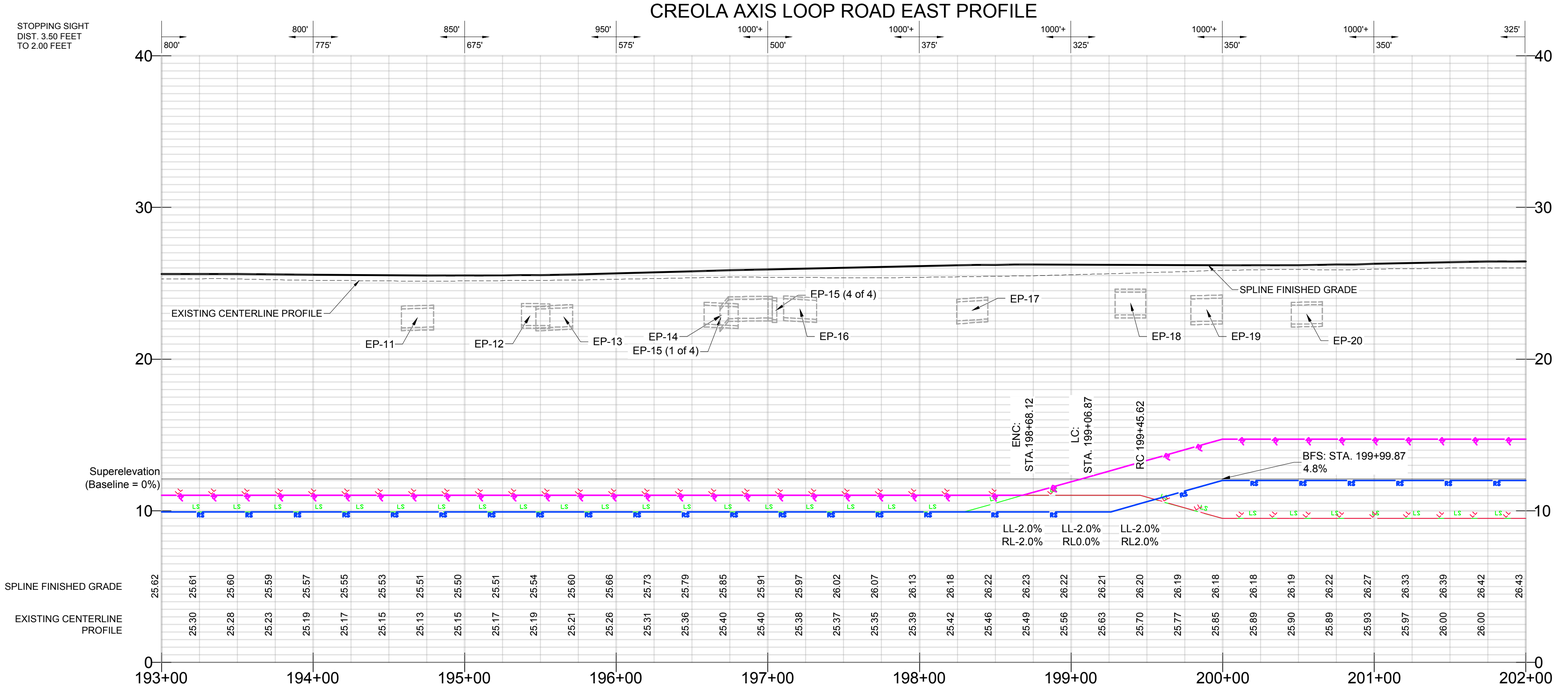
CREOLA AXIS LOOP ROAD EAST

Number	Degree of Curve/Radius	Length	Line/Chord Direction	START STATION	END STATION	START COORDINATE	END COORDINATE	RADIUS POINT COORDINATE
L3		660.41	N25° 22' 20.48"E	193+08.46	199+68.87	N 334981.82 E 1810740.29	N 335578.52 E 1811023.28	
C4	007° 57' 27.89" 720.00	760.00 (CHORD)	N6° 28' 58.30"W	199+68.87	207+69.48			N 335887.04 E 1810372.73





CREOLA AXIS LOOP ROAD EAST PROFILE



SLOPE TRANSITION GUIDES
RELATED TO SUPERELEVATIONS

- LEFT LANE
- RIGHT LANE
- LEFT SHOULDER
- RIGHT SHOULDER

DESIGN SPEED = 35 MPH
Kc=29
Ks=49

PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL.
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A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

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TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
PLAN AND PROFILE (3 OF 7)

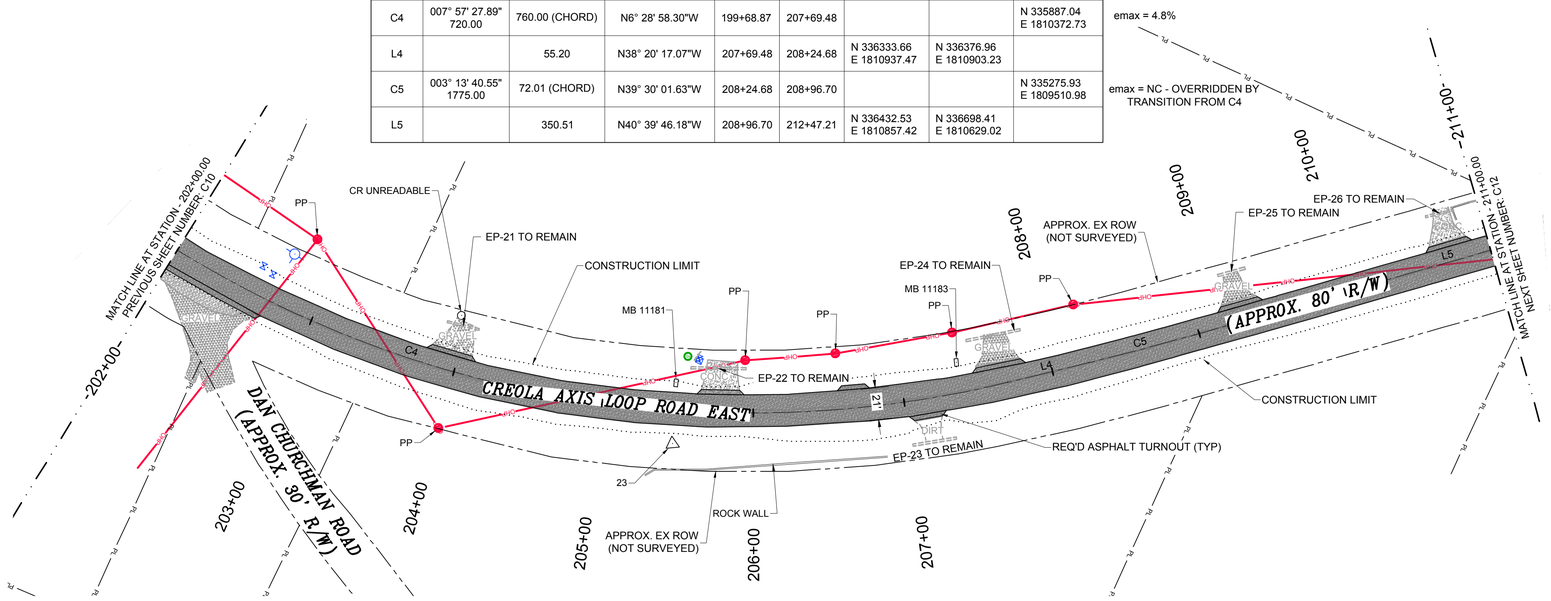
DATE	SCALE
10/11/2020	AS SHOWN

PROJECT NUMBER: 21092

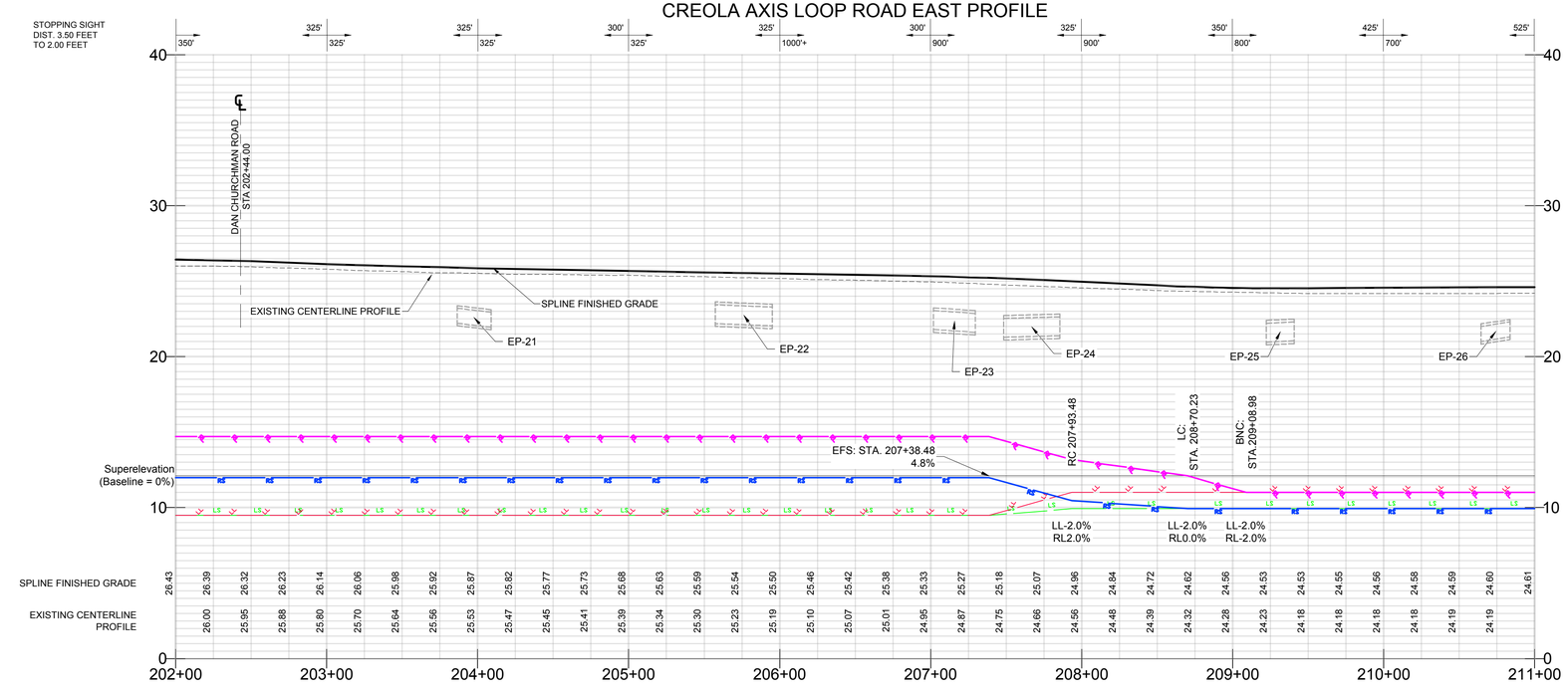
DRAWING NUMBER	TOTAL SHEETS	REVISION
C10	17	0

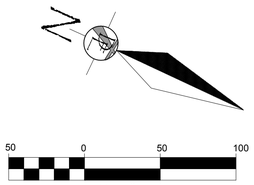
MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22

CREOLA AXIS LOOP ROAD EAST								
Number	Degree of Curve/Radius	Length	Line/Chord Direction	START STATION	END STATION	START COORDINATE	END COORDINATE	RADIUS POINT COORDINATE
C4	007° 57' 27.89" 720.00	760.00 (CHORD)	N6° 28' 58.30"W	199+68.87	207+69.48			N 335887.04 E 1810372.73
L4		55.20	N38° 20' 17.07"W	207+69.48	208+24.68	N 336333.66 E 1810937.47	N 336376.96 E 1810903.23	
C5	003° 13' 40.55" 1775.00	72.01 (CHORD)	N39° 30' 01.63"W	208+24.68	208+96.70			N 335275.93 E 1809510.98
L5		350.51	N40° 39' 46.18"W	208+96.70	212+47.21	N 336432.53 E 1810857.42	N 336698.41 E 1810629.02	



CREOLA AXIS LOOP ROAD EAST PROFILE





SLOPE TRANSITION GUIDES
RELATED TO SUPERELEVATIONS

- LEFT LANE
- RIGHT LANE
- LEFT SHOULDER
- RIGHT SHOULDER

DESIGN SPEED = 35 MPH
Kc=29
Ks=49

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
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	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

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TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
PLAN AND PROFILE (4 OF 7)

DATE	SCALE
10/11/2020	AS SHOWN

PROJECT NUMBER: 21092

DRAWING NUMBER	TOTAL SHEETS	REVISION
C11	17	0

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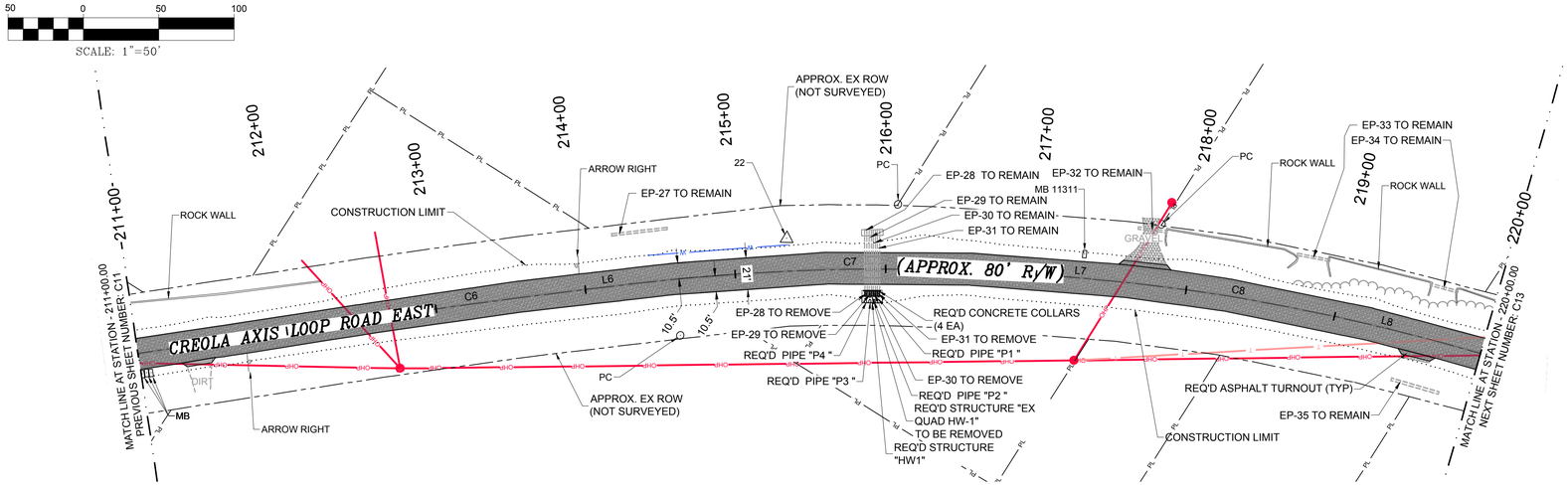
MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22



DESIGN SPEED = 35 MPH
Kc=29
Ks=49

EXISTING STRUCTURES TO BE REMOVED		
NAME:	DETAILS/PAY ITEM:	STATION OFFSET
EX QUAD HW-1	EXISTING 18" CMP QUAD BARRELL ROADWAY PIPE END TREATMENT- TO BE REMOVED	215+91 18.48 R

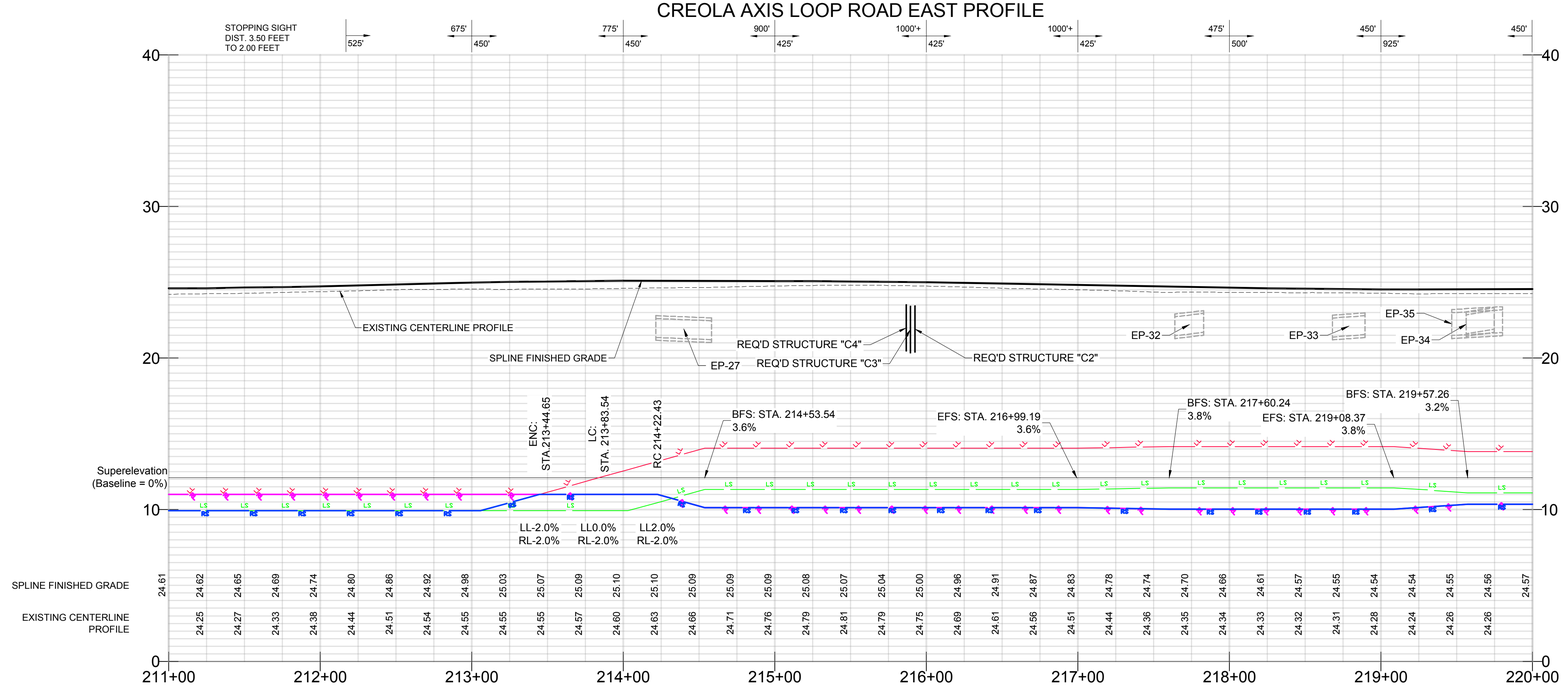
EXISTING PIPE(S) TO BE REMOVED				
NAME	SIZE	LENGTH	SLOPE	LAYOUT INFORMATION
EP-28 TO REMOVE	18" CORRUGATED METAL ARCH PIPE	4'	0.17%	215+87 14.4 R AT INV =21.34 TO 215+87 18.4 R AT INV =21.34
EP-29 TO REMOVE	18" CORRUGATED METAL ARCH PIPE	4'	0.37%	215+90 14.4 R AT INV =21.23 TO 215+89 18.8 R AT INV =21.22
EP-30 TO REMOVE	18" CORRUGATED METAL ARCH PIPE	4'	0.26%	215+92 14.4 R AT INV =21.26 TO 215+92 18.5 R AT INV =21.25
EP-31 TO REMOVE	18" CORRUGATED METAL ARCH PIPE	4'	0.12%	215+95 18.6 R AT INV =21.46 TO 215+95 14.4 R AT INV =21.45

CREOLA AXIS LOOP ROAD EAST								
Number	Degree of Curve/Radius	Length	Line/Chord Direction	START STATION	END STATION	START COORDINATE	END COORDINATE	RADIUS POINT COORDINATE
L5		350.51	N40° 39' 46.18"W	208+96.70	212+47.21	N 336432.53 E 1810857.42	N 336698.41 E 1810629.02	
C6	001° 08' 45.30" 5000.00	154.11 (CHORD)	N39° 46' 47.33"W	212+47.21	214+01.33			N 339956.44 E 1814421.81
L6		28.88	N38° 53' 48.47"W	214+01.33	214+30.21	N 336816.85 E 1810530.42	N 336839.32 E 1810512.28	
C7	004° 02' 57.02" 1415.00	291.79 (CHORD)	N32° 58' 43.28"W	214+30.21	217+22.52			N 337727.83 E 1811613.55

CREOLA AXIS LOOP ROAD EAST									
	Number	Degree of Curve/Radius	Length	Line/Chord Direction	START STATION	END STATION	START COORDINATE	END COORDINATE	RADIUS POINT COORDINATE	
emax = NC	L7		13.05	N27° 03' 38.09"W	217+22.52	217+35.57	N 337084.10 E 1810353.45	N 337095.72 E 1810347.52		
	C8	004° 26' 29.52" 1290.00	197.27 (CHORD)	N22° 40' 31.11"W	217+35.57	219+33.04			N 337682.58 E 1811496.30	emax = 3.8%
	L8		3.56	N18° 17' 24.14"W	219+33.04	219+36.60	N 337277.75 E 1810271.47	N 337281.13 E 1810270.35		
emax = 3.6%	C9	003° 28' 20.90" 1650.00	148.96 (CHORD)	N15° 42' 10.20"W	219+36.60	220+85.61			N 337798.94 E 1811836.99	emax = 3.2%

REQ'D PIPES				
NAME	PAY ITEM	LENGTH	SLOPE	LAYOUT INFORMATION
P1	18 INCH	8'	3.75%	CREOLA AXIS LOOP ROAD EAST 215+95 14.4 R AT INV =21.40 (N 336981.00, E 1810428.68) TO 215+95 22.4 R AT INV =21.10 (N 336985.24, E 1810435.47)
P2	18 INCH	8'	2.00%	CREOLA AXIS LOOP ROAD EAST 215+92 14.4 R AT INV =21.26 (N 336978.72, E 1810430.11) TO 215+92 22.4 R AT INV =21.10 (N 336982.96, E 1810436.89)
P3	18 INCH	8'	1.45%	CREOLA AXIS LOOP ROAD EAST 215+90 14.4 R AT INV =21.22 (N 336976.39, E 1810431.56) TO 215+89 22.4 R AT INV =21.10 (N 336980.63, E 1810438.35)
P4	18 INCH	8'	2.95%	CREOLA AXIS LOOP ROAD EAST 215+87 14.4 R AT INV =21.34 (N 336974.02, E 1810433.04) TO 215+87 22.4 R AT INV =21.10 (N 336978.26, E 1810439.83)

CREOLA AXIS LOOP ROAD EAST PROFILE



REQ'D STRUCTURES						
NAME:	DETAILS/PAY ITEM:	PIPES IN:	PIPES OUT	STATION OFFSET	RIM	LAYOUT COORDINATES
C1	CONCRETE COLLAR	PIPE "P1", INV IN =21.40		215+95.02 14.41 R	23.6	N=336981.0 E=1810428.7
C2	CONCRETE COLLAR		PIPE "P2",INV OUT=21.26	215+92.30 14.40 R	23.5	N=336978.7 E=1810430.1
C3	CONCRETE COLLAR		PIPE "P3",INV OUT=21.22	215+89.52 14.38 R	23.4	N=336976.4 E=1810431.6
C4	CONCRETE COLLAR		PIPE "P4",INV OUT=21.34	215+86.70 14.35 R	23.5	N=336974.0 E=1810433.0
HW1	18" QUAD BARRELL ROADWAY PIPE END TREATMENT, 3:1 SLOPE	PIPE "P2", INV IN =21.10 PIPE "P3", INV IN =21.10 PIPE "P4", INV IN =21.10	PIPE "P1",INV OUT=21.10	215+90.86 22.39 R	22.9	N=336981.8 E=1810437.6

SLOPE TRANSITION GUIDES
RELATED TO SUPERELEVATIONS

- LEFT LANE
- RIGHT LANE
- LEFT SHOULDER
- RIGHT SHOULDER

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PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL.

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

MOBILE COUNTY ALABAMA 1ST CHARTERED 1812 ESTABLISHED

CLIENT:
MOBILE COUNTY COMMISSION
MERCERIA L. LUDGOOD
CONNIE HUDSON
RANDALL DUEITT

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TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
PLAN AND PROFILE (5 OF 7)

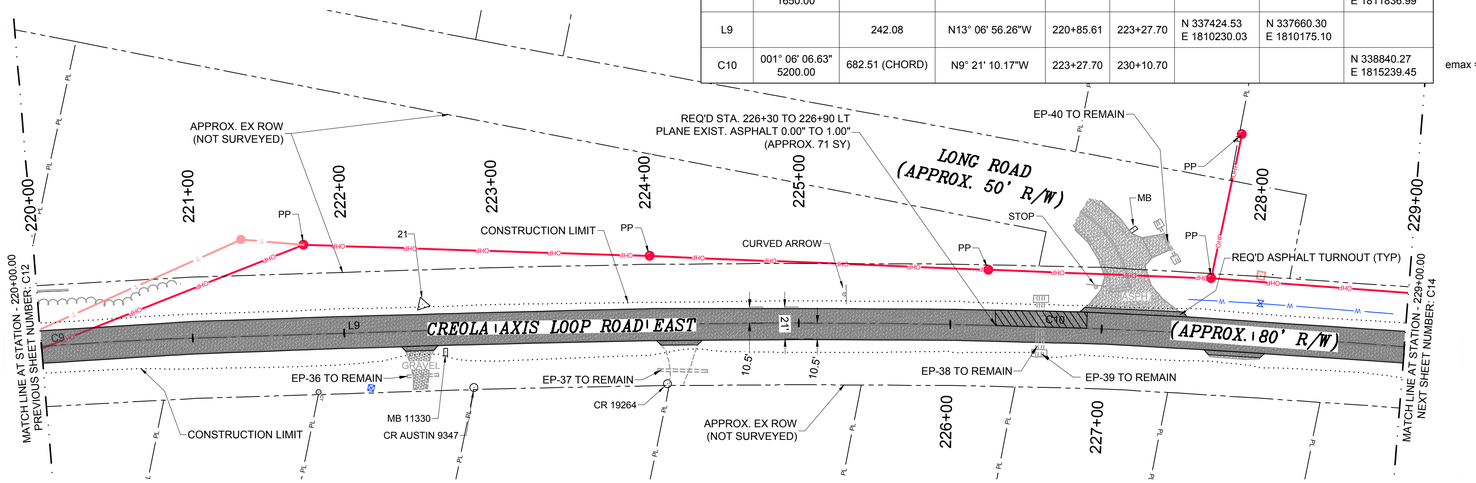
DATE: 10/11/2020
SCALE: AS SHOWN
PROJECT NUMBER: 21092
DRAWING NUMBER: C12
TOTAL SHEETS: 17
REVISION: 0

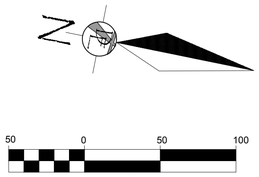
MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22

CREOLA AXIS LOOP ROAD EAST								
Number	Degree of Curve/Radius	Length	Line/Chord Direction	START STATION	END STATION	START COORDINATE	END COORDINATE	RADIUS POINT COORDINATE
C9	003° 28' 20.90" 1650.00	148.96 (CHORD)	N15° 42' 10.20"W	219+36.60	220+85.61			N 337798.94 E 1811836.99
L9		242.08	N13° 06' 56.26"W	220+85.61	223+27.70	N 337424.53 E 1810230.03	N 337660.30 E 1810175.10	
C10	001° 06' 06.63" 5200.00	682.51 (CHORD)	N9° 21' 10.17"W	223+27.70	230+10.70			N 338840.27 E 1815239.45

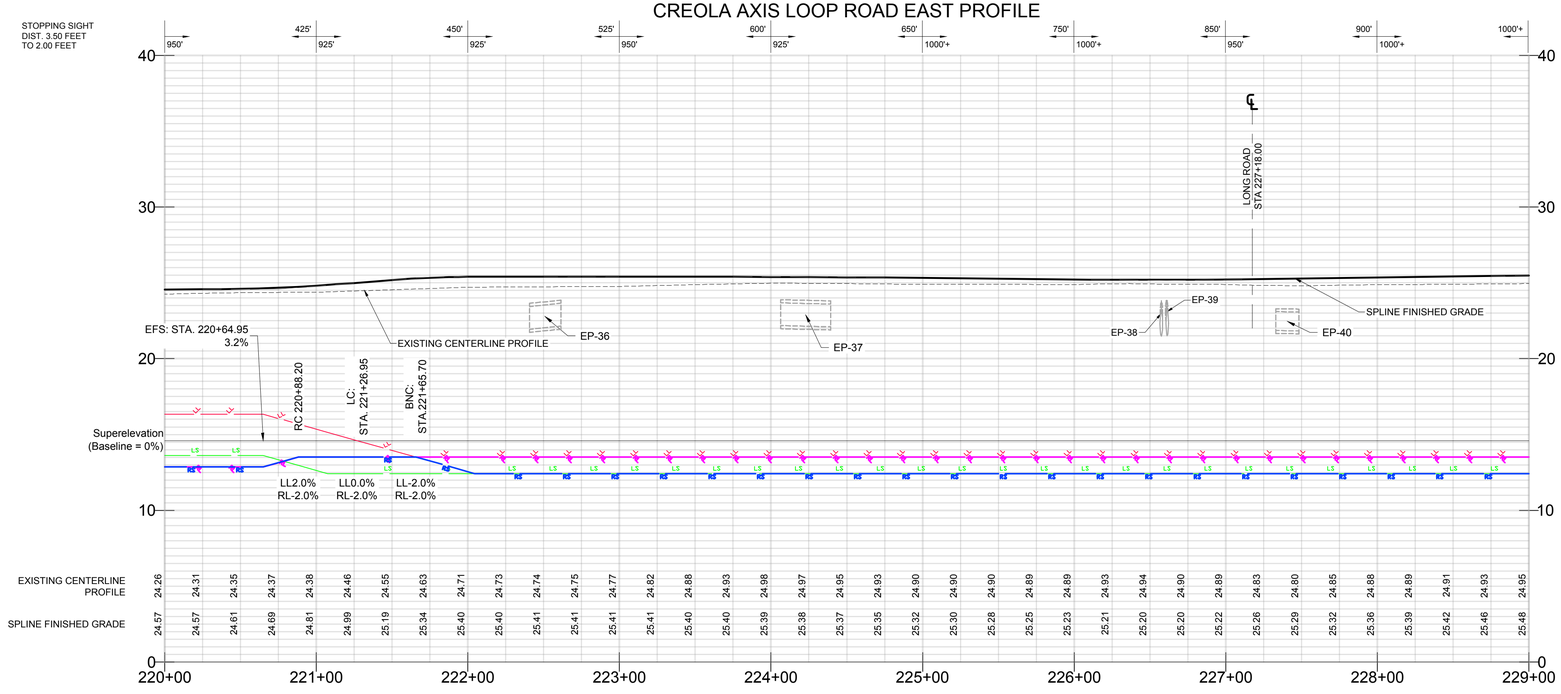
emax = 3.2%

emax = NC





CREOLA AXIS LOOP ROAD EAST PROFILE



SLOPE TRANSITION GUIDES
RELATED TO SUPERELEVATIONS

- LEFT LANE
- RIGHT LANE
- LEFT SHOULDER
- RIGHT SHOULDER

DESIGN SPEED = 35 MPH
Kc=29
Ks=49

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C	1/6/2023	BRH	ALF	ALF
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D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

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TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
PLAN AND PROFILE (6 OF 7)

DATE	SCALE
10/11/2020	AS SHOWN

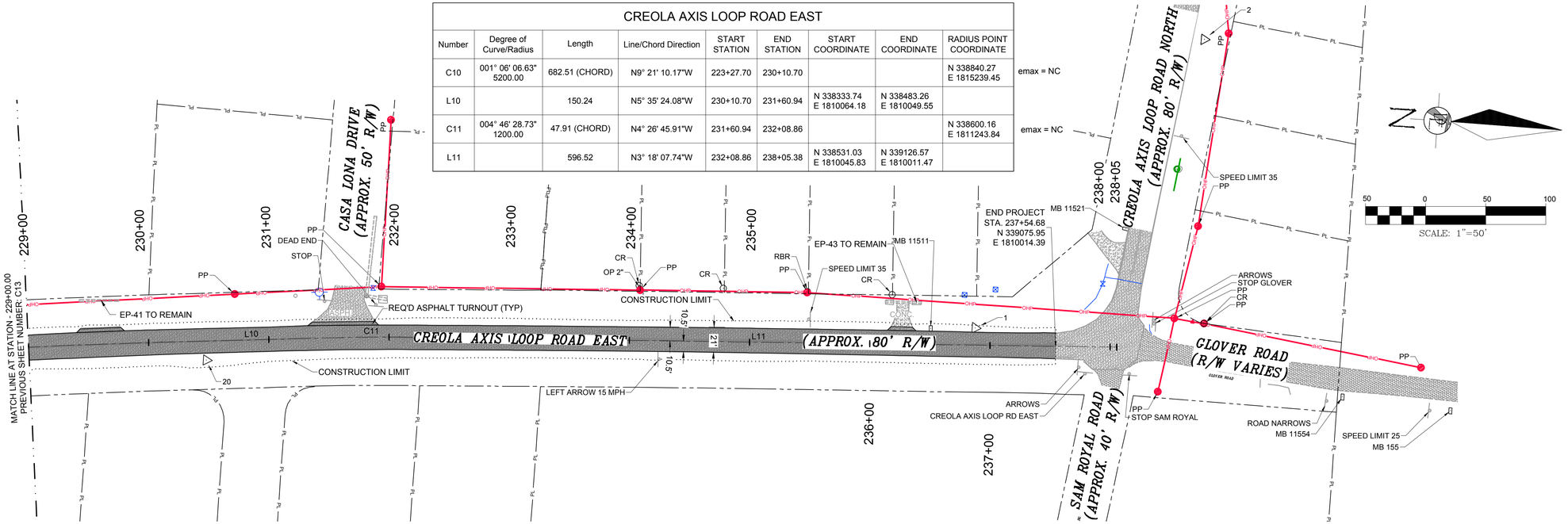
PROJECT NUMBER: 21092

DRAWING NUMBER	TOTAL SHEETS	REVISION
C13	17	0

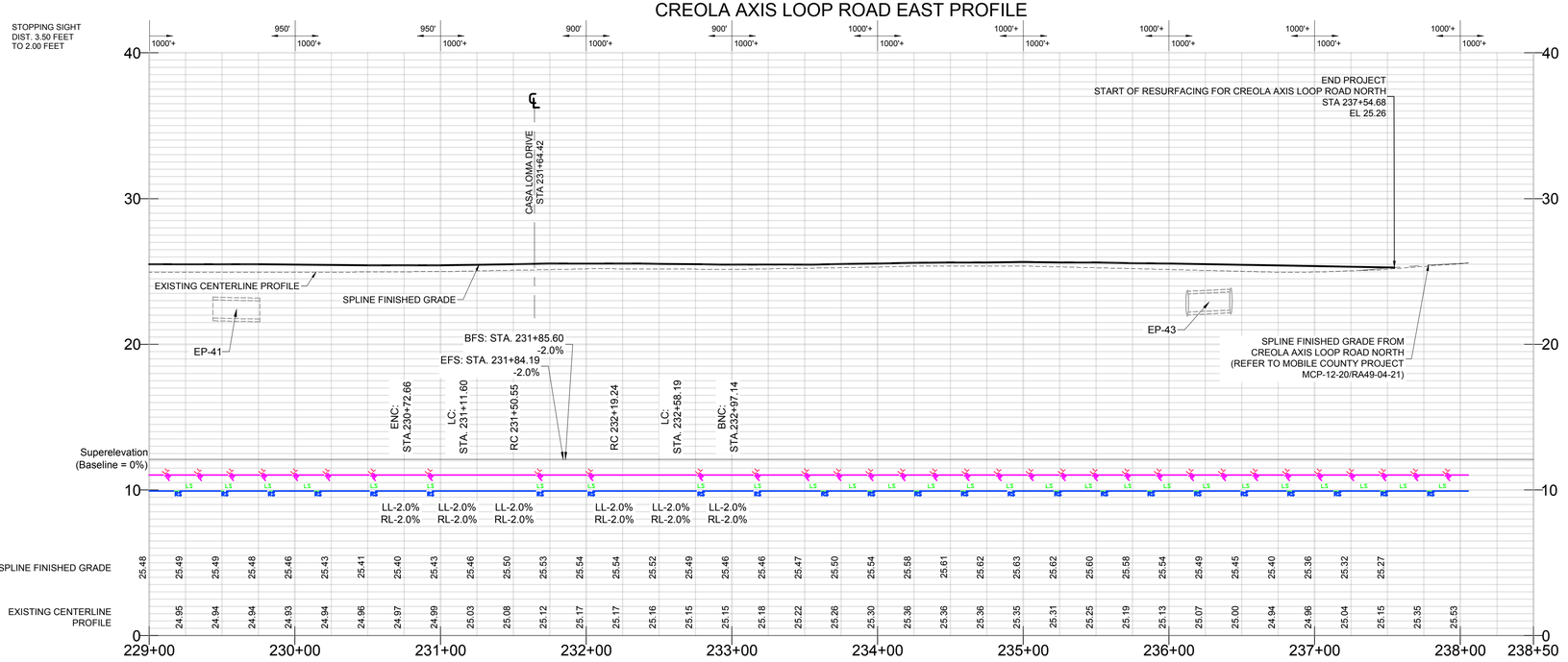
CREOLA AXIS LOOP ROAD EAST								
Number	Degree of Curve/Radius	Length	Line/Chord Direction	START STATION	END STATION	START COORDINATE	END COORDINATE	RADIUS POINT COORDINATE
C10	001° 06' 06.63" 5200.00	682.51 (CHORD)	N9° 21' 10.17"W	223+27.70	230+10.70			N 338840.27 E 1815239.45
L10		150.24	N5° 35' 24.08"W	230+10.70	231+60.94	N 338333.74 E 1810064.18	N 338483.26 E 1810049.55	
C11	004° 46' 28.73" 1200.00	47.91 (CHORD)	N4° 26' 45.91"W	231+60.94	232+08.86			N 338600.16 E 1811243.84
L11		596.52	N3° 18' 07.74"W	232+08.86	238+05.38	N 338531.03 E 1810045.83	N 339126.57 E 1810011.47	

emax = NC

emax = NC



CREOLA AXIS LOOP ROAD EAST PROFILE



SLOPE TRANSITION GUIDES RELATED TO SUPERELEVATIONS

- LEFT LANE
- RIGHT LANE
- LEFT SHOULDER
- RIGHT SHOULDER

DESIGN SPEED = 35 MPH
Kc=29
Ks=49

PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL
PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
	100% SUBMITTAL			
D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

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CLIENT:
MOBILE COUNTY COMMISSION
MERCERIA L. LUDGOOD
CONNIE HUDSON
RANDALL DUEITT

ALABAMA LICENSED 22182 PROFESSIONAL ENGINEER ANALISA L.S. FISHER

Driven Engineering, Inc.
8005 Morris Hill Road, Semmes, AL 36575
(251) 649-4011 Office
(251) 645-0971 Fax
www.drivenengineering.com

TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
PLAN AND PROFILE (7 OF 7)

DATE: 10/11/2020
SCALE: AS SHOWN
PROJECT NUMBER: 21092
DRAWING NUMBER: C14
TOTAL SHEETS: 17
REVISION: 0

MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22

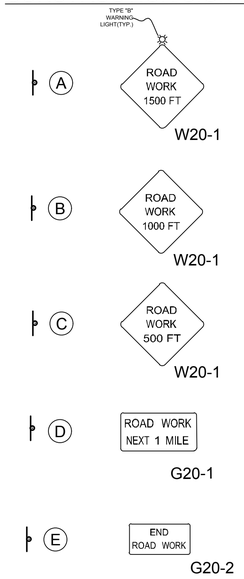
A	05/25/2022 BRH ALF ALF	50% SUBMITTAL
B	10/24/2022 ALF DDW ALF	90% SUBMITTAL
C	1/6/2023 BRH ALF ALF	100% SUBMITTAL
D	04/13/2023 BRH ALF ALF	SECOND 100% SUBMITTAL
0	04/19/2023 BRH BRH BRH	ISSUED FOR BIDS

SUMMARY OF SIGNS									
CREOLA - AXIS LOOP ROAD									
SIGN	LAYOUT #	DESCRIPTION	SIZE			SF	QUANTITY	TOTAL SF	LIGHTS
W20-1	A	ROAD WORK AHEAD 1500 FT	36	x	36	9	2	18	2
W20-1	B	ROAD WORK AHEAD 1000 FT	36	x	36	9	2	18	
W20-1	C	ROAD WORK AHEAD 500 FT	36	x	36	9	6	54	
G20-2	E	END ROAD WORK	36	x	18	4.5	2	9	
		TOTAL SQUARE FEET						99	

SUMMARY OF SIGNS									
TEMPORARY SIGNAGE									
SIGN		DESCRIPTION	SIZE			SF	QUANTITY	TOTAL SF	LIGHTS
W20-7		FLAGGER AHEAD	36	x	36	9	2	18	0
W20-1		ROAD WORK AHEAD 1000 FT	36	x	36	9	2	18	0
W20-1		ROAD WORK AHEAD 1500 FT	36	x	36	9	2	18	0
W20-4		ONE LANE ROAD 500FT	36	x	36	9	2	18	0
G20-1		ROAD WORK NEXT 1 MILE	36	x	18	4.5	2	9	0
740-D		CHANNELIZING DRUMS				0	50	0	0
740-E		CONES (36 INCHES HIGH)				0	50	0	0
740-M		BALLAST FOR CONE				0	50	0	0
		TOTAL SQUARE FEET						81	

SUMMARY OF ALL SIGNS INCLUDING TEMPORARY		
QUANTITY	UNIT	ITEM
180	SF	CONSTRUCTION SIGNS TYPE IV (740-B)
2	EA	WARNING LIGHTS TYPE B (740-1)
50	EA	CHANNELIZING DRUMS TYPE III (740-D)
50	EA	CONES (36 INCHES HIGH) (740-E)
50	EA	BALLAST FOR CONE

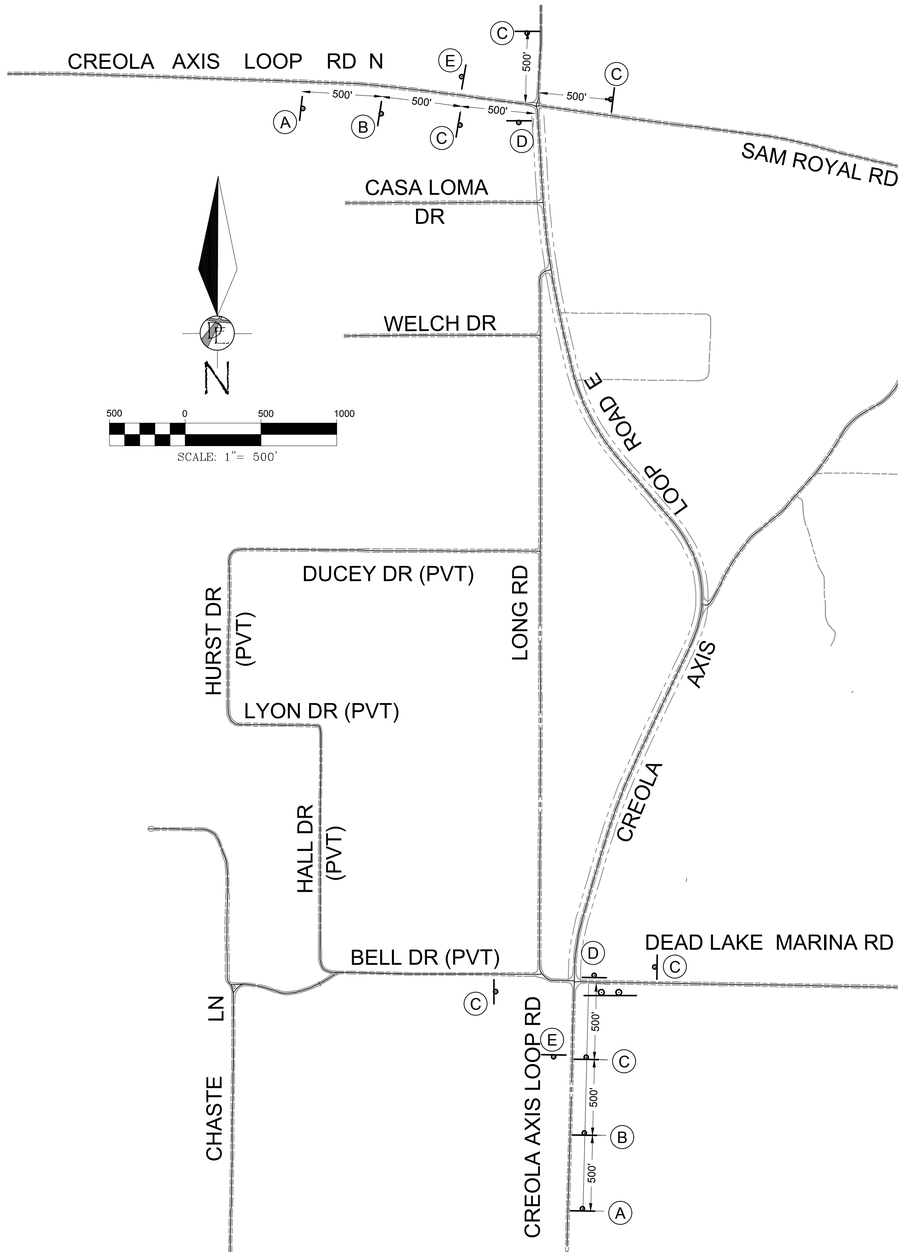
CONSTRUCTION SIGN LEGEND



REBUILD ALABAMA *

* NOTE: THE PROJECT SIGN WILL BE INSTALLED IN THE FIELD IN AN AREA APPROVED BY THE ENGINEER.

PROJECT LIMIT



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(251) 645-0971 Fax
www.drivenengineering.com

TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
TRAFFIC CONTROL PLAN

DATE	SCALE
10/11/2020	AS SHOWN

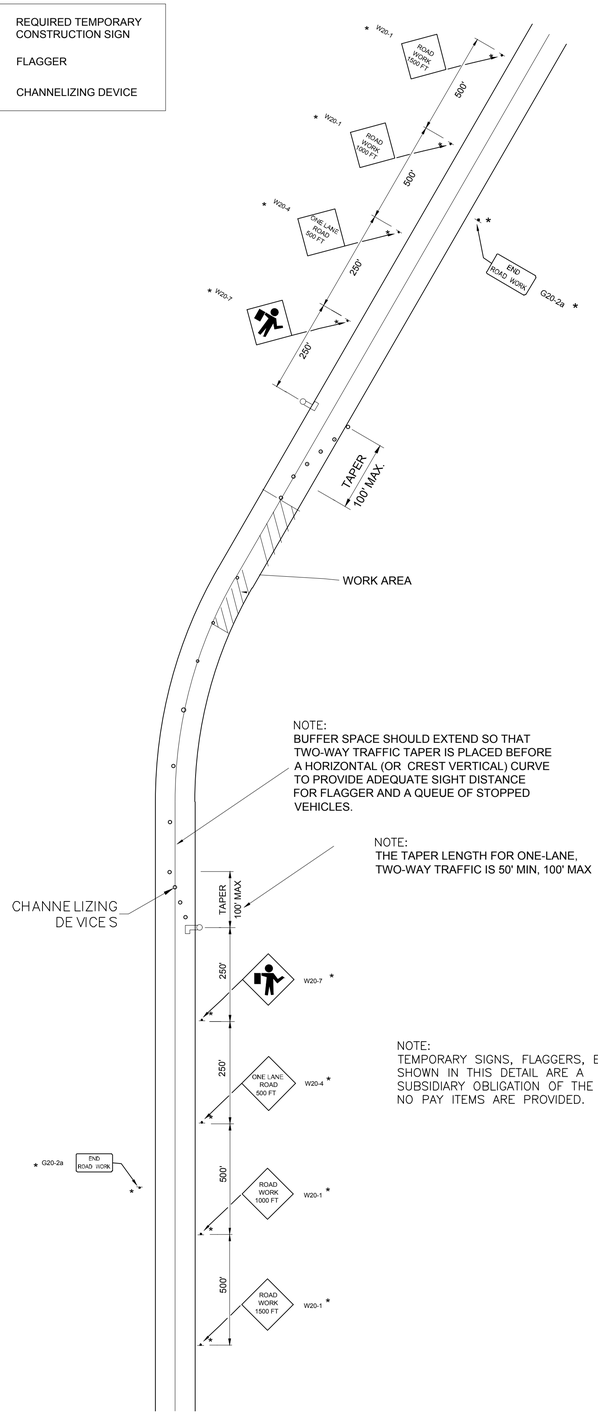
PROJECT NUMBER: 21092

DRAWING NUMBER	TOTAL SHEETS	REVISION
C37	17	0

MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22

LEGEND

- REQUIRED TEMPORARY CONSTRUCTION SIGN
- FLAGGER
- CHANNELIZING DEVICE



NOTE:
BUFFER SPACE SHOULD EXTEND SO THAT TWO-WAY TRAFFIC TAPER IS PLACED BEFORE A HORIZONTAL (OR CREST VERTICAL) CURVE TO PROVIDE ADEQUATE SIGHT DISTANCE FOR FLAGGER AND A QUEUE OF STOPPED VEHICLES.

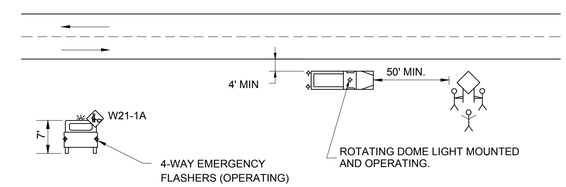
NOTE:
THE TAPER LENGTH FOR ONE-LANE, TWO-WAY TRAFFIC IS 50' MIN, 100' MAX

NOTE:
TEMPORARY SIGNS, FLAGGERS, ETC., SHOWN IN THIS DETAIL ARE A SUBSIDIARY OBLIGATION OF THE PROJECT. NO PAY ITEMS ARE PROVIDED.

TEMPORARY ONE-LANE CLOSURE DETAIL

NOT TO SCALE

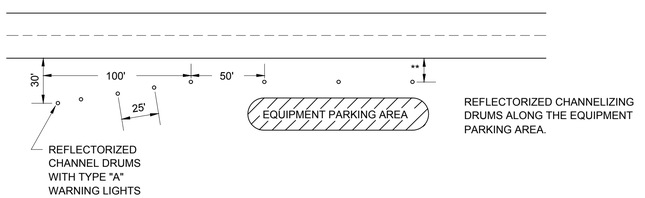
*PLEASE SEE THE TRAFFIC CONTROL NOTES IN THE ALDOT SPECIAL PROJECT DETAILS (TCP NOTES SHEETS 1 AND 2) AND THE TRAFFIC CONTROL DETAIL LIBRARY (GENERAL TRAFFIC CONTROL NOTES)



TYPICAL VEHICLE WITH SIGN AND ROTATING DOME LIGHT MOUNTED AND OPERATING.

NOTE: NO DIRECT PAYMENT WILL BE MADE FOR THE ROTATING DOME LIGHT OR SIGN MOUNTED ON VEHICLE.

TYPICAL METHOD FOR PLACEMENT OR REMOVAL OF CONSTRUCTION SIGNS



**DRUMS TO BE AS FAR AS PRACTICAL FROM EDGE OF PAVEMENT. MINIMUM DESIRABLE DISTANCE IS 15 FEET FOR FREEWAY TYPE FACILITIES AND 10 FEET FOR OTHER FACILITIES. FOR UNUSUAL CONDITIONS, SUCH AS SPECIAL EQUIPMENT OR LIMITED AVAILABLE SPACE, DIMENSIONS LESS THAN DESIRABLE SHALL BE AS DIRECTED BY THE ENGINEER. (TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE COUNTY)

DELINEATING DETAILS FOR EQUIPMENT PARKING AREAS

(FOR USE ONLY WHEN EQUIPMENT CANNOT BE STORED THIRTY FEET OR MORE FROM THE EDGE OF PAVEMENT.)

A	05/25/2022	BRH	ALF	ALF
	50% SUBMITTAL			
B	10/24/2022	ALF	DDW	ALF
	90% SUBMITTAL			
C	1/6/2023	BRH	ALF	ALF
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D	04/13/2023	BRH	ALF	ALF
	SECOND 100% SUBMITTAL			
0	04/19/2023	BRH	BRH	BRH
	ISSUED FOR BIDS			

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TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
TRAFFIC CONTROL DETAILS

DATE: 10/11/2020
SCALE: AS SHOWN
PROJECT NUMBER: 21092
DRAWING NUMBER: C38
TOTAL SHEETS: 17
REVISION: 0

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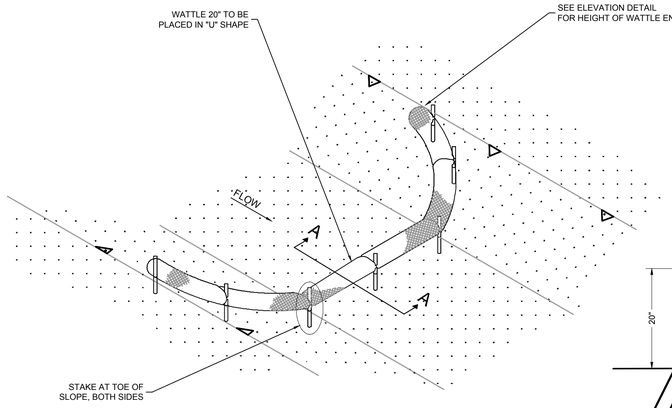
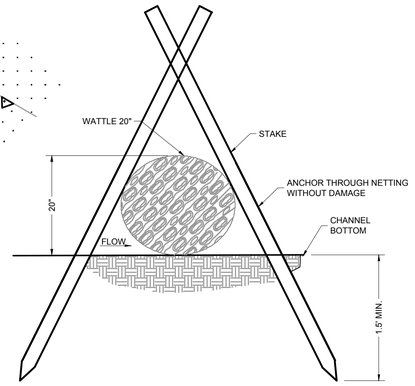


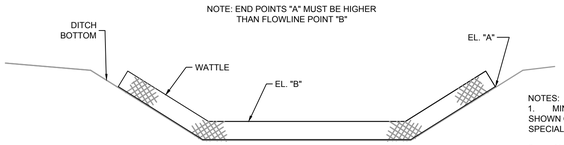
WATTLE DETAIL (DITCH CHECK)

NOT TO SCALE



WATTLE SECTION A-A

NOT TO SCALE

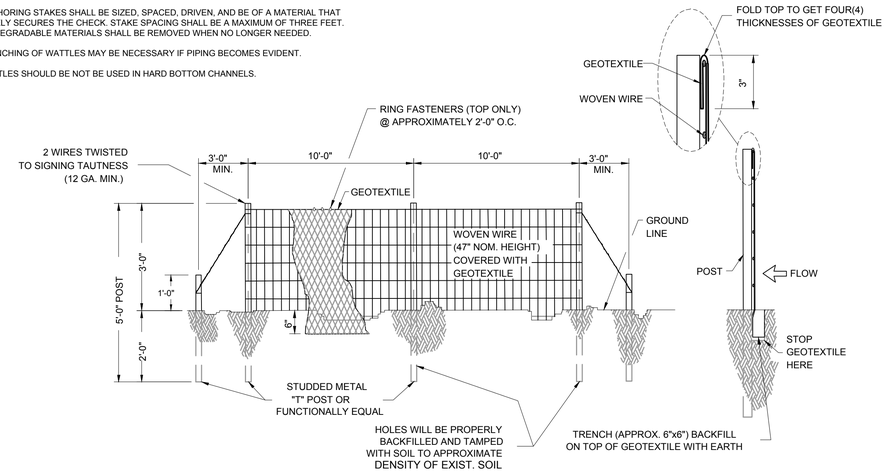


WATTLE ELEVATION DETAIL

NOT TO SCALE

NOTES:

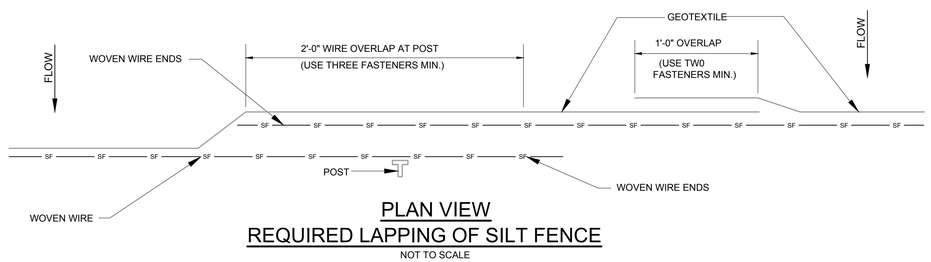
1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON SPECIAL DRAWING NO. ESC-300 (SHEET 1 OF 8).
2. ANCHORING STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
4. WATTLES SHOULD BE NOT BE USED IN HARD BOTTOM CHANNELS.



SILT FENCE DETAIL (TYPICAL)

NOT TO SCALE

SECTION



PLAN VIEW
REQUIRED LAPPING OF SILT FENCE

NOT TO SCALE

EROSION & SEDIMENT CONTROL NOTES:

1.) EROSION AND SEDIMENT CONTROL MEASURES SHOWN ARE CONSIDERED TO BE THE MINIMUM ACCEPTABLE MEASURES. THE CONTRACTOR SHALL UTILIZE "BEST MANAGEMENT PRACTICES" AS NECESSARY TO PREVENT SEDIMENT LADEN STORMWATER RUNOFF OR ERODED MATERIALS FROM LEAVING THE CONSTRUCTION SITE. THE CONTRACTOR SHALL MAINTAIN AND REPAIR EROSION CONTROL MEASURES IN AN EXPEDITIOUS MANNER AFTER EACH RAINFALL EVENT AND INSPECT THEM TWICE WEEKLY IN THE EVENT OF NO RAINFALL. BEST MANAGEMENT PRACTICES (BMPS) ARE DEFINED AS: SCHEDULES OF ACTIVITIES, PROHIBITIONS OF PRACTICES, MAINTENANCE PROCEDURES, AND OTHER MANAGEMENT PRACTICES TO PREVENT OR REDUCE THE POLLUTION OF WATERS OF THE UNITED STATES. BMPS ALSO INCLUDE TREATMENT REQUIREMENTS, OPERATING PROCEDURES, AND PRACTICES TO CONTROL PLANT SITE RUNOFF, SPILLAGE OR LEAKS, SLUDGE OR WASTE DISPOSAL, OR DRAINAGE FROM RAW MATERIAL STORAGE. WITH REGARD TO CONSTRUCTION THESE MAY INCLUDE STRUCTURAL DEVICES OR NONSTRUCTURAL PRACTICES THAT ARE DESIGNED TO PREVENT POLLUTANTS FROM ENTERING WATER OR TO DIRECT THE FLOW OF WATER.

2.) SILT FENCE SHALL BE USED IN AREAS WHERE INDICATED OR AS DIRECTED BY THE ENGINEER. SILT FENCE SHALL MEET THE REQUIREMENTS OF AASHTO M288 AND SHALL BE SELECTED FROM LIST II–3 GEOTEXTILES IN THE ALDOT MANUAL TITLED "MATERIALS, SOURCES, AND DEVICES WITH SPECIAL ACCEPTANCE REQUIREMENTS".

3.) SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERECTED OPPOSITE ERODABLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.

4.) SILT FENCES SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION OPERATION. SILT FENCES SHALL BE CLEANED, SILT REMOVED, AND REPAIRED AS NECESSARY AS PART OF REQUIRED BMP MAINTENANCE.

5.) AFTER THE CONSTRUCTION AREA IS STABILIZED BY PAVING OR A FIRM STAND OF GRASS AND EROSION ACTIVITY CURTAILED, SILT FENCES SHALL BE REMOVED.

6.) STORM DRAIN INLETS SHALL BE PROTECTED FROM SEDIMENT ENTRY WITH SEDIMENT BARRIERS LIKE "SILT SAVER" (R) UNTIL THE SITE IS STABILIZED BY PAVING OR A FIRM STAND OF GRASS IS OBTAINED.

7.) CONTRACTOR IS REQUIRED TO STABILIZE DISTURBED AREAS WITH TEMPORARY GRASS OR SOIL STABILIZER IF AREAS WILL REMAIN DISTURBED FOR 14 DAYS OR LONGER. FOR THIS PROJECT, IF AREAS REQUIRE TEMPORARY GRASS OR SOIL STABILIZATION DUE TO AREAS REMAINING DISTURBED, THERE WILL BE NO PAY FOR SUCH WORK. CONTRACTOR IS REQUIRED TO SCHEDULE PROJECT FOR SHOULDER WORK AND SOD PLACEMENT TO COINCIDE WITHIN LESS THAN 14 DAYS.

8.) THE CONTRACTOR IS HEREBY DIRECTED TO PROVIDE SEDIMENT RUNOFF PROTECTION WHERE NECESSARY TO PREVENT SILT LADEN RUNOFF FROM ENTERING THE STREAMS NEAR THE PROPOSED PROJECT.

9.) GRASS GROUND COVER SHALL BE MAINTAINED UPON COMPLETION OF CONSTRUCTION.

10.) THE EROSION AND SEDIMENT CONTROL ITEMS SHOWN ON THE PLANS ARE PROVIDED AS A STARTING POINT FOR A COMPREHENSIVE SEDIMENT AND EROSION CONTROL PLAN TO BE IMPLEMENTED THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL BE PREPARED TO ANTICIPATE AND ADJUST BEST MANAGEMENT PRACTICES AS NECESSARY THROUGHOUT CONSTRUCTION TO RESTRICT THE AMOUNT OF SILT LADEN RUNOFF LEAVING THE PROJECT.

11.) SEDIMENT & EROSION CONTROL ITEMS SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE FOLLOWING HANDBOOKS:
A.) ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS.
B.) EPA STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES.
C.) EPA GUIDANCE SPECIFYING MANAGEMENT MEASURES FOR SOURCES OF NON–POINT POLLUTION IN COASTAL WATERS.
D.) AASHTO GUIDELINES FOR EROSION AND SEDIMENT CONTROL IN HIGHWAY CONSTRUCTION.
E.) SOUTH ALABAMA REGIONAL PLANNING COMMISSION BEST MANAGEMENT PRACTICES FOR NON–POINT SOURCE RUNOFF CONTROL, MOBILE & BALDWIN COUNTIES, ALABAMA.

12.) UNLESS OTHERWISE SET FORTH IN CONTRACT DOCUMENTS WITH THE PROJECT OWNER, WHEN AN ADEM STORMWATER DISCHARGE PERMIT (NOR) HAS BEEN OBTAINED FOR THE SITE, THE CONTRACTOR SHALL INSTALL A RAIN GAUGE AT THE SITE AND MAINTAIN A WRITTEN DAILY LOG OF RAINFALL AMOUNTS AT THE SAME TIME EACH DAY. AT THE END OF EACH MONTH, THE CONTRACTOR MUST PROVIDE A COPY OF THAT MONTH'S RAINFALL RECORDS TO THE ENGINEER. THE RAIN GAUGE MUST BE INSTALLED AT THE TOP OF A POST PLACED AT LEAST 50' FROM TREES, BUILDINGS, OR OTHER OBJECTS THAT COULD IMPEDE THE FREE ENTRY OF RAINFALL INTO THE RAIN GAUGE. THE CONTRACTOR MUST NOTIFY THE ENGINEER WITHIN 8 HOURS OF RECORDING ANY DAILY RAINFALL AMOUNT EXCEEDING 0.75". THE CONTRACTOR SHALL POST THE NOR PERMIT NUMBER IN A HIGHLY VISIBLE LOCATION ON THE SITE AND MAINTAIN IT IN A LEGIBLE CONDITION UNTIL THE PROJECT IS COMPLETED AND A PERMIT TERMINATION HAS BEEN APPROVED BY ADEM. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR MUST NOTIFY THE ENGINEER IN ORDER TO INSPECT THE SITE AND APPLY FOR A TERMINATION OF THE ADEM PERMIT.

13.) THE CONTRACTOR SHALL REFER TO THE 66500 SERIES OF ALDOT SPECIAL AND STANDARD HIGHWAY DRAWINGS FOR ADDITIONAL METHODS OF EROSION AND SEDIMENT CONTROL.

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MOBILE COUNTY PROJECT NO.MCP-006-22/RA49-01-22

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	90% SUBMITTAL			
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TITLE:
MOBILE COUNTY
PROJECT NO. MCP-006-22/RA49-01-22
CREOLA AXIS LOOP ROAD EAST
EROSION CONTROL DETAILS

DATE	SCALE
10/11/2020	AS SHOWN

PROJECT NUMBER: 21092

DRAWING NUMBER	TOTAL SHEETS	REVISION
C39	17	0