



ALABAMA DEPARTMENT OF TRANSPORTATION

1409 Coliseum Boulevard, Montgomery, Alabama 36110
Bureau of Office Engineer
Plans and Proposals Section
Telephone: 334-242-6444 FAX: 334-264-7976
www.dot.state.al.us




Kay Ivey
Governor

John R. Cooper
Transportation Director

June 21, 2022

MEMORANDUM

To: Proposal Holders

From: Bryan E. Nichols
Assistant Bureau Chief 

Subject: ATRP2-02-2022-324
Baldwin County
June 24, 2022 Letting

Enclosed is the Revised Plan Sheet No. 1A, 10 & 11 for the above referenced project. Please see attached memo from Mr. Stanley Biddick, P.E., dated June 21, 2022.

Prospective bidders are advised to download the amended .ebs files from the ALDOT website or the Bid Express website.

It is the bidder's responsibility to notify vendors, suppliers and subcontractors of this change.

This change must be incorporated into your proposal and used in the preparation of your bid. Failure to do so may cause your bid to be considered irregular and non-responsive and may result in the automatic rejection of your bid.

BEN/jss

Attachment

cc: Mr. Matthew Ericksen, P.E.



ALABAMA DEPARTMENT OF TRANSPORTATION

1409 Coliseum Boulevard, Montgomery, Alabama 36110
P.O. Box 303050, Montgomery, Alabama 36130-3050

Telephone: 334-242-6311 FAX: 334-262-8041



Kay Ivey
Governor

John R. Cooper
Transportation Director

June 21, 2022

MEMORANDUM

TO: Joe H. Lister Jr., P.E.
Office Engineer

ATTN: Bryan E. Nichols
Office Engineer, Plans and Proposals

FROM: Stanley C. Biddick, P.E.
State Design Engineer

BY: R. Taylor Stoudenmire, P.E.
Traffic Design Engineer

RE: PE Project No. ATRP2-02-2022-324
PE CPMS: 100074452
CN CPMS: 100074965
Intersection Improvements, Including
Traffic Signals and Lighting At SR-3 (US-31)
And Bedrock Boulevard / Flora Drive
Baldwin County

Attached are prints of revised sheets for the above reference project in accordance with GFO 3-5.
The following sheets have been revised:

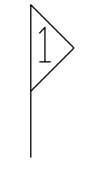
1. Sheet 1-A:
 - Revised Sheet Nos. 10 and 11.
2. Sheet 10:
 - Modified Location of Signal Pole #1 and Signal Pole #2.
3. Sheet 11:
 - Modified Location of Signal Pole #1.

Please provide each prospective bidder with the revised sheets.

INDEX TO SHEETS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ATRP2-02-2022-324	2022	1A

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
1A	INDEX TO SHEETS
1B	INDEX TO SPECIAL AND STANDARD DRAWINGS
1C	PLANS LEGEND SHEET
1D	PLANS LEGEND SHEET - ABBREVIATIONS
1E	TRAFFIC SIGNAL AND ITS LEGEND
1F-1H	GEOMETRIC LAYOUT SHEETS
1-I	GEOMETRIC DATA SHEET
2	PROJECT NOTE SHEET
2A	TRAFFIC SIGNAL PLAN NOTES
2B	LIGHTING PLAN NOTES
2C	GENERAL TRAFFIC CONTROL PLAN NOTES
2D	ITS PLAN NOTE SHEET
3-3C	SUMMARY OF QUANTITIES
4-9	OMIT
10	TRAFFIC SIGNAL LAYOUT
11	ITS PLAN LAYOUT
12	SPECIAL PROJECT DETAIL - TYPICAL ITS CAMERA WITH TRAFFIC SIGNAL CABINET (POLE MOUNT)
13	STRIPING SHEET
14	SIGN FACE DETAIL SHEET
15	OMIT
16-17	TRAFFIC SIGNAL BORING LOGS
18-19	OMIT
20	ELECTRICAL LEGEND AND ABBREVIATIONS
21-22	REQUIRED ROADWAY LIGHTING PLAN
23-24	REQUIRED SINGLE LINE WIRING DIAGRAM
25	SPECIAL PROJECT DETAIL - LIGHTING CONTROL CENTER, POLE MOUNT
26-39	OMIT
40	SEQUENCE OF CONSTRUCTION
41-43	TRAFFIC CONTROL PLAN



MODIFICATIONS TO THE SEQUENCE OF CONSTRUCTION.
 JKL 06/14/2022

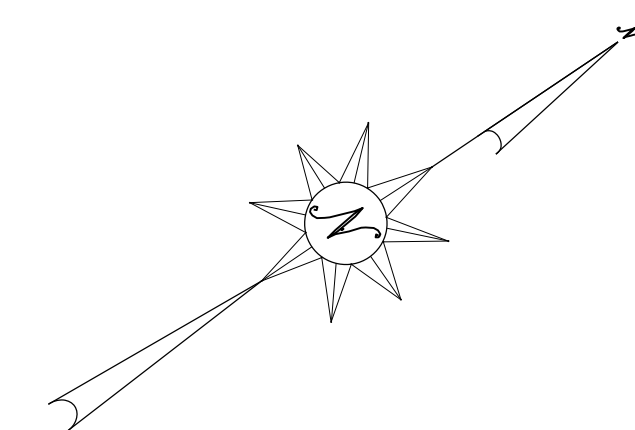
MODIFICATIONS TO THE LOCATION OF SIGNAL POLES #1 AND #2.
 JWD 06/21/2022

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:	OE		INDEX TO SHEETS	SR-3

TRAFFIC SIGNAL LAYOUT

SR-3 & BEDROCK BLVD.

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ATRP2-02-2022-324	2022	10



REQUIRED SIGNS

FYA	R10-12	A US Hwy 31
LEFT TURN YIELD ON FLASHING YELLOW ARROW	LEFT TURN YIELD ON GREEN 30" X 36"	B ← Bedrock Blvd
		C Bedrock Blvd →
		D ← Flora Dr
		E Flora Dr →

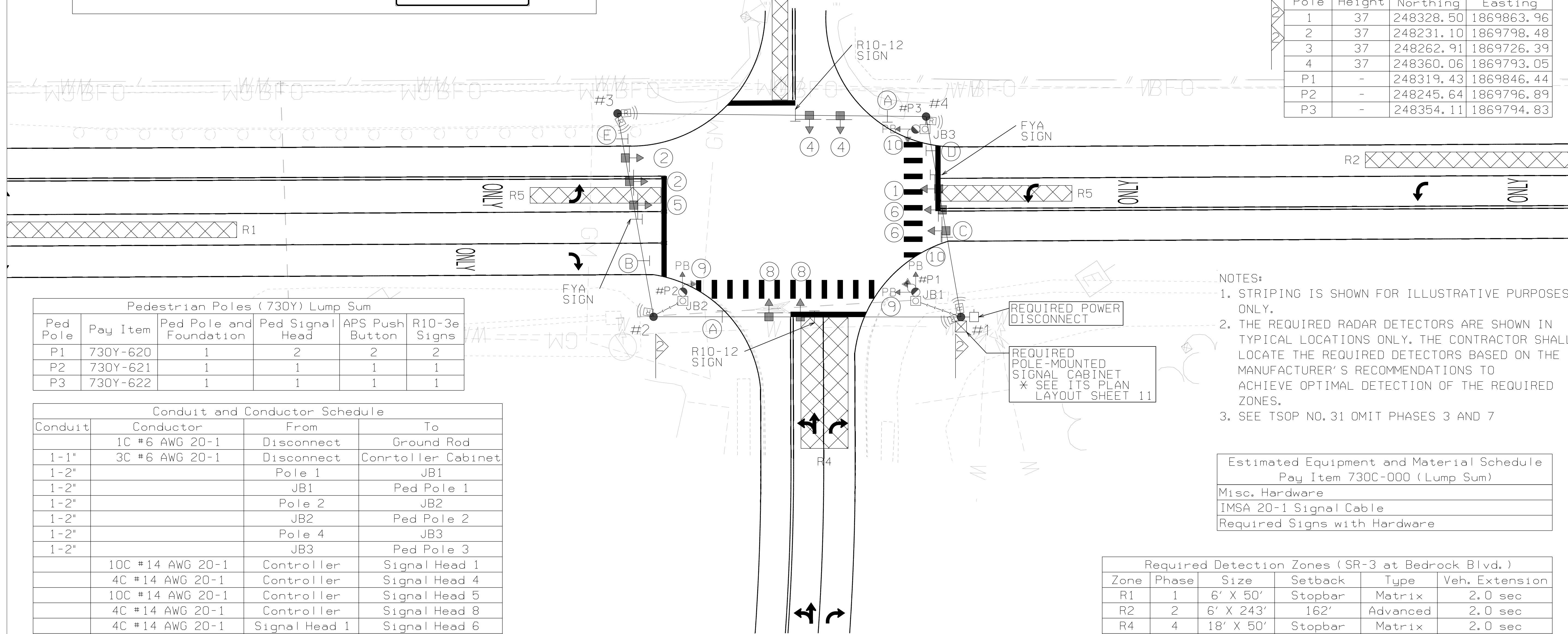
ø1	ø2	ø3 OMIT	ø4
ø5	ø6	ø7 OMIT	ø8

REQUIRED SIGNAL HEADS

2, 4, 6, 8	1, 5	9, 10

Supporting Structures (SR-3 at Bedrock Blvd.)

Pole	Height	Northing	Easting
1	37	248328.50	1869863.96
2	37	248231.10	1869798.48
3	37	248262.91	1869726.39
4	37	248360.06	1869793.05
P1	-	248319.43	1869846.44
P2	-	248245.64	1869796.89
P3	-	248354.11	1869794.83



- NOTES:**
1. STRIPING IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.
 2. THE REQUIRED RADAR DETECTORS ARE SHOWN IN TYPICAL LOCATIONS ONLY. THE CONTRACTOR SHALL LOCATE THE REQUIRED DETECTORS BASED ON THE MANUFACTURER'S RECOMMENDATIONS TO ACHIEVE OPTIMAL DETECTION OF THE REQUIRED ZONES.
 3. SEE TSOP NO. 31 OMIT PHASES 3 AND 7

Pedestrian Poles (730Y) Lump Sum

Ped Pole	Pay Item	Ped Pole and Foundation	Ped Signal Head	APS Push Button	R10-3e Signs
P1	730Y-620	1	2	2	2
P2	730Y-621	1	1	1	1
P3	730Y-622	1	1	1	1

Conduit and Conductor Schedule

Conduit	Conductor	From	To
	1C #6 AWG 20-1	Disconnect	Ground Rod
1-1"	3C #6 AWG 20-1	Disconnect	Controller Cabinet
1-2"		Pole 1	JB1
1-2"		JB1	Ped Pole 1
1-2"		Pole 2	JB2
1-2"		JB2	Ped Pole 2
1-2"		Pole 4	JB3
1-2"		JB3	Ped Pole 3
	10C #14 AWG 20-1	Controller	Signal Head 1
	4C #14 AWG 20-1	Controller	Signal Head 4
	10C #14 AWG 20-1	Controller	Signal Head 5
	4C #14 AWG 20-1	Controller	Signal Head 8
	4C #14 AWG 20-1	Signal Head 1	Signal Head 6
	4C #14 AWG 20-1	Signal Head 5	Signal Head 2
	4 - 5C #14 AWG 20-1	Controller	Ped Signals
	Radar Cables	Controller	Radar Detection

Estimated Equipment and Material Schedule
Pay Item 730C-000 (Lump Sum)

Misc. Hardware
IMSA 20-1 Signal Cable
Required Signs with Hardware

Required Detection Zones (SR-3 at Bedrock Blvd.)

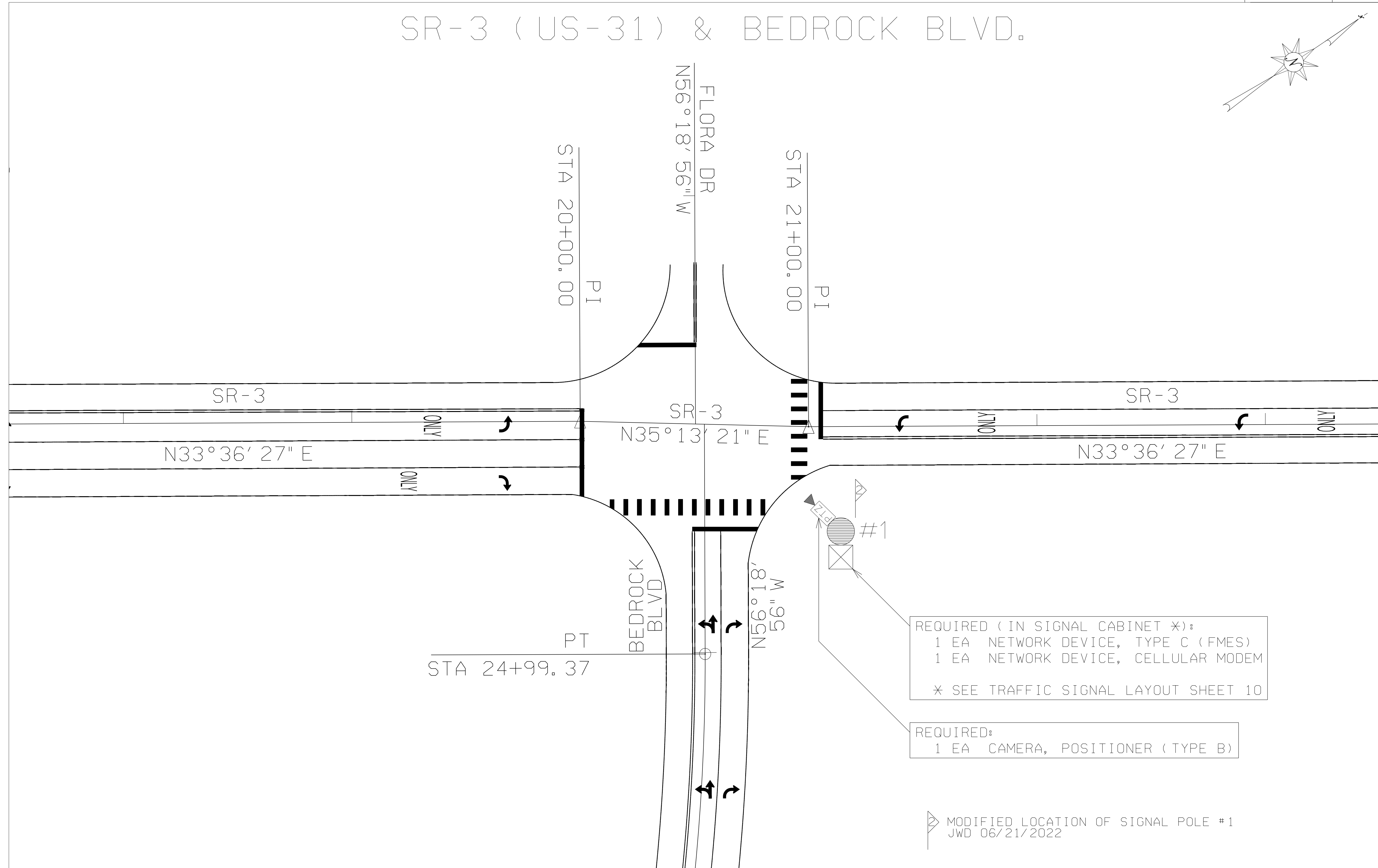
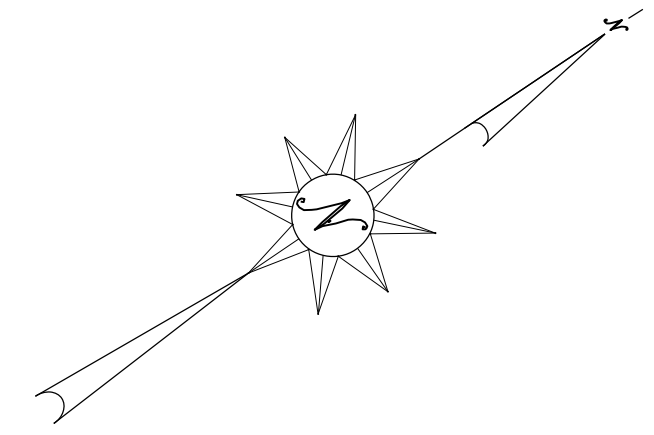
Zone	Phase	Size	Setback	Type	Veh. Extension
R1	1	6' X 50'	Stopbar	Matrix	2.0 sec
R2	2	6' X 243'	162'	Advanced	2.0 sec
R4	4	18' X 50'	Stopbar	Matrix	2.0 sec
R5	5	6' X 50'	Stopbar	Matrix	2.0 sec
R6	6	6' X 243'	162'	Advanced	2.0 sec
R8	8	6' X 50'	Stopbar	Matrix	2.0 sec

MODIFIED LOCATION OF SIGNAL POLE #1 AND #2
JWD 06/21/2022

ITS PLAN LAYOUT

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ATRP2-02-2022-324	2022	11

SR-3 (US-31) & BEDROCK BLVD.



REQUIRED (IN SIGNAL CABINET *):
 1 EA NETWORK DEVICE, TYPE C (FMES)
 1 EA NETWORK DEVICE, CELLULAR MODEM
 * SEE TRAFFIC SIGNAL LAYOUT SHEET 10

REQUIRED:
 1 EA CAMERA, POSITIONER (TYPE B)

MODIFIED LOCATION OF SIGNAL POLE #1
 JWD 06/21/2022

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	20 0 20 HORIZ SCALE (FEET)	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:	OE			ITS PLAN LAYOUT	SR-3