



INDEX TO PROJECT

ALABAMA

DEPARTMENT OF TRANSPORTATION

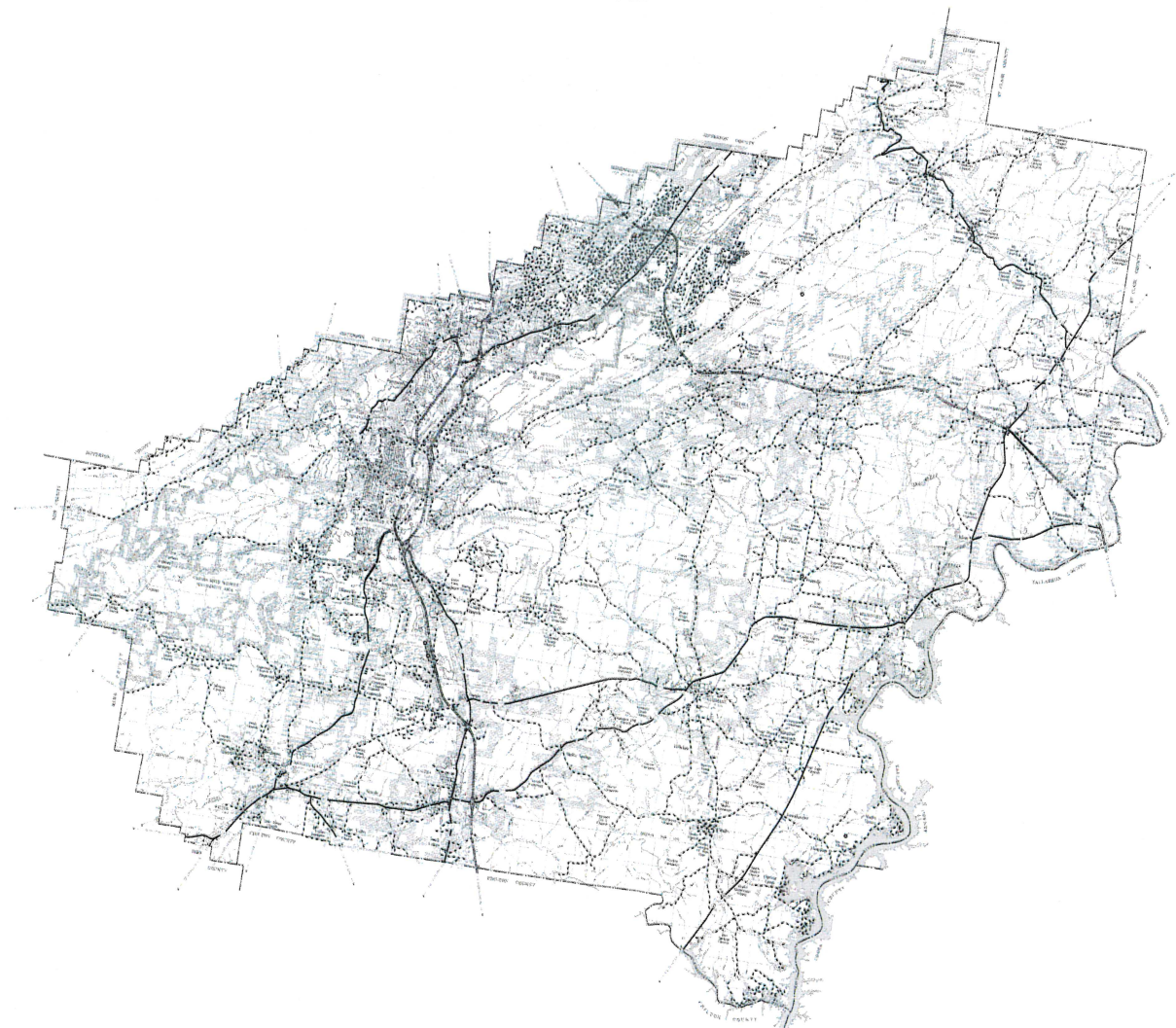
PLANS OF PROPOSED

PROJECT NO. CRPBH-MR24(902)

TRAFFIC SIGNAL AND ITS UPGRADES ON

STATE AND LOCAL ROUTES

SHELBY COUNTY



EXISTING BRIDGE CULVERT (RETAIN):

N/A

EQUATIONS & EXCEPTIONS:

N/A

Total Stationing of Project N/A
Equations & Exceptions N/A
Net Length of Project N/A
Net Length of Bridges N/A
Net Length of Roadways N/A

SITE LOCATION MAP-----SEE SHEET 1-F
POPULATION DENOTES 2000 CENSUS

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.	LAST SHEET NO.
CRPBH-MR24(902)	2026	1	58

Code No.: 4321-SAF-100078245-2
Prior PE No.:

Design Designation

ADT (2024)	N/A
ADT (2044)	N/A
K	N/A
D	N/A
TDHV	N/A
TADT	N/A
V (Design Speed) (m.p.h.).....	N/A
Min. Stopping Sight Dist.	N/A

These plans have been prepared to conform to the Alabama Department of Transportation Standard Specifications for Highway Construction, 2026 Edition.



PREPARED BY:
SKIPPER CONSULTING, INC.
3644 VANN ROAD, SUITE 100
BIRMINGHAM, AL 35243
PH. (205) 655-8855



REGISTERED PROFESSIONAL ENGINEER
RICHARD L. CAUDLE, P.E., LICENSE NO.20061
STATE OF ALABAMA
DATE: JANUARY 8, 2026

ALABAMA DEPARTMENT OF TRANSPORTATION

Submitted for Approval


David Williams

County Engineer

Approved

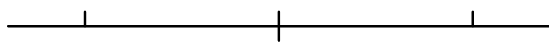
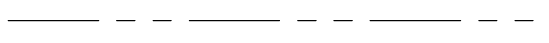
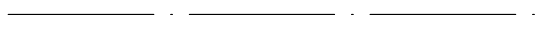


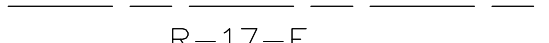
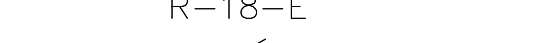





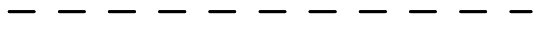


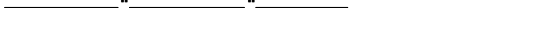


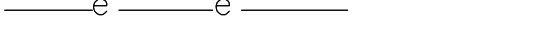
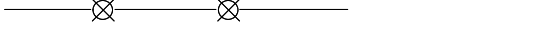



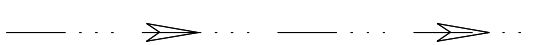
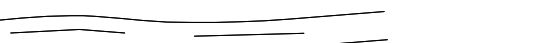
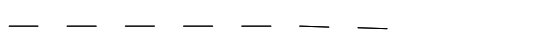







[Signature]
Region Engineer

INDEX TO SHEETS						REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
						CRPBH-MR24(902)	2026	1-A

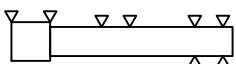

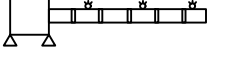
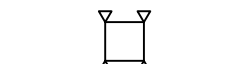






INDEX TO SPECIAL AND STANDARD DRAWINGS							REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO																																										
							CRPBH-MR24(902)	2026	1-B																																										
<p>THE FOLLOWING ARE SPECIAL OR STANDARD DRAWINGS CONTAINED IN THE ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL & STANDARD HIGHWAY DRAWINGS BOOK (U.S. CUSTOMARY UNITS OF MEASUREMENTS) 2025 WHICH APPLY TO THIS PROJECT.</p> <table><tr><th>INDEX NO.</th><th>STD/SP DWG NO.</th><th>DESCRIPTION</th></tr><tr><td>71017</td><td>IHS-710-12</td><td>DETAILS OF ROADWAY SIGN POST (SMALL CHANNEL AND TUBULAR SECTION)</td></tr><tr><td>71032</td><td>IHS-710-21</td><td>DETAILS FOR LOCATION AND MOUNTING STANDARD FLAT PANEL SIGNS ON U-CHANNEL AND TUBULAR POSTS</td></tr><tr><td>71035</td><td>IHS-710-23</td><td>LIGHTWEIGHT STRUCTURAL SIGN SUPPORT INSTALLATIONS</td></tr><tr><td>71062</td><td>SHS-3</td><td>STANDARD HIGHWAY SIGNS</td></tr><tr><td>71090</td><td>SHS-26</td><td>STANDARD HIGHWAY SIGNS</td></tr><tr><td>71093</td><td>SHS-29</td><td>STANDARD HIGHWAY SIGNS</td></tr><tr><td>71094</td><td>SHS-30</td><td>STANDARD HIGHWAY SIGNS</td></tr><tr><td>73004</td><td>T.S.D.-730-2</td><td>METAL TRAFFIC SIGNAL POLE AND LIGHTING INSTALLATION DETAILS (SHEET 1 OF 3)</td></tr><tr><td>73006</td><td>T.S.D.-730-2B</td><td>METAL TRAFFIC SIGNAL POLE AND LIGHTING INSTALLATION DETAILS (SHEET 3 OF 3)</td></tr><tr><td>73027</td><td>T.S.D.-730-10</td><td>BASE AND POLE MOUNTED CONTROLLER CABINET INSTALLATIONS</td></tr><tr><td>73048</td><td>T.S.D.-730-17</td><td>RADAR DETECTION SYSTEM DETAILS</td></tr><tr><td>73084</td><td>TSOP NO. 30</td><td>TRAFFIC SIGNAL OPERATING PLAN</td></tr><tr><td>74007</td><td>TCD-100</td><td>DETAILS FOR TRAFFIC CHANNELIZATION DEVICES</td></tr></table>										INDEX NO.	STD/SP DWG NO.	DESCRIPTION	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	71062	SHS-3	STANDARD HIGHWAY SIGNS	71090	SHS-26	STANDARD HIGHWAY SIGNS	71093	SHS-29	STANDARD HIGHWAY SIGNS	71094	SHS-30	STANDARD HIGHWAY SIGNS	73004	T.S.D.-730-2	METAL TRAFFIC SIGNAL POLE AND LIGHTING INSTALLATION DETAILS (SHEET 1 OF 3)	73006	T.S.D.-730-2B	METAL TRAFFIC SIGNAL POLE AND LIGHTING INSTALLATION DETAILS (SHEET 3 OF 3)	73027	T.S.D.-730-10	BASE AND POLE MOUNTED CONTROLLER CABINET INSTALLATIONS	73048	T.S.D.-730-17	RADAR DETECTION SYSTEM DETAILS	73084	TSOP NO. 30	TRAFFIC SIGNAL OPERATING PLAN	74007	TCD-100	DETAILS FOR TRAFFIC CHANNELIZATION DEVICES
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RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.		SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	SHEET TITLE		ROUTE																																										
DATE: xxx		DATE:	DATE:	FINAL SUBMITTAL			INDEX TO SHEETS		VARIOUS																																										

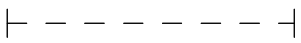
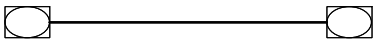

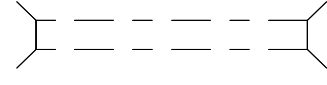
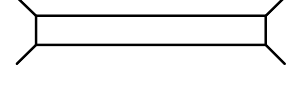
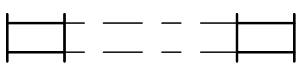

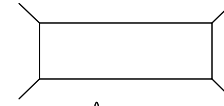
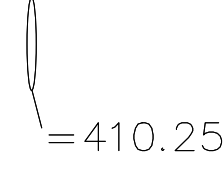
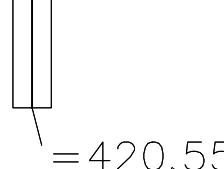
PLANS LEGEND SHEET

ROADWAY

CENTER LINE	
STATE BOUNDARY LINE	
COUNTY BOUNDARY LINE	
CITY OR TOWN LIMITS	
SECTION LINES	
QUARTER-SECTION LINES	
RANGE-TOWNSHIP LINES	
PROPERTY LINES	
PRESENT ROW	
ACQUIRED ROW	
DENIED ACCESS	
REQUIRED FENCE	
CONSTRUCTION LIMITS	
CLEARING LIMITS	
RAILROAD	
EXISTING WOOD FENCE	
EXISTING BARBED WIRE FENCE	
EXISTING CHAIN LINK FENCE	
EXISTING ELECTRIC FENCE	
EXISTING HOG WIRE FENCE	
TREES	
WOODS LINE	
MARSH	
EXISTING DITCH	
REQUIRED DITCH.....	
GRAVEL ROAD	
EXISTING GUARDRAIL	
REQUIRED GUARDRAIL	
SATELLITE DISH	
TRAFFIC LIGHT	
BENCH MARK	
SURVEY POINT	
ENVIRONMENTAL CLEARED LIMITS	

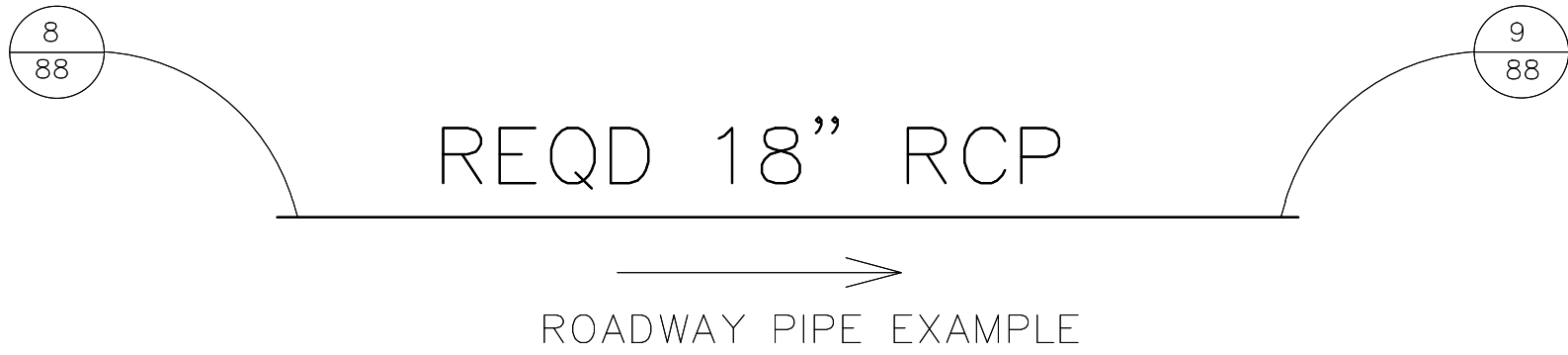
RAILROAD DEVICES

RRX ELEMENTS	EXISTING	PROPOSED
CANTILEVER WITH LIGHTS.....		
LIGHTS, BELLS & GATES.....		
LIGHTS & BELLS.....		
RAILROAD CROSSBUCK.....		
SIGN (POST-MOUNTED).....		

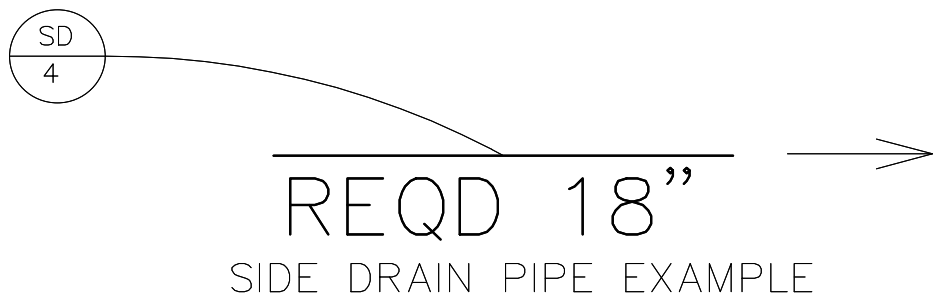
EXISTING PIPE	
REQUIRED PIPE (WITH PIPE END TREATMENT).....	
REQUIRED PIPE END TREATMENT.....	
EXISTING BOX CULVERT	
REQUIRED BOX CULVERT	
EXTENDED CULVERT	
DROP INLET OR JUNCTION BOX (SEE PLANS DESCRIPTION).....	
BRIDGE	
PIPE CULVERT (ELEVATION VIEW)	
BOX CULVERT (ELEVATION VIEW)	

DRAINAGE STRUCTURE INDEX NUMBERS

DRAINAGE STRUCTURE WRITE-UPS ARE LOCATED ON THE DRAINAGE CROSS-SECTION SHEETS. STRUCTURES WITH WRITE-UPS ARE INDEXED AT EACH END, WITH NUMBERS ASSIGNED BY DIRECTION OF FLOW. THE NUMBER IN THE UPPER HALF OF THE CIRCLE (EXAMPLE 8 OR 9) IS THE DRAINAGE STRUCTURE INDEX NUMBER. THE NUMBER IN THE LOWER HALF (EXAMPLE 88) IS THE SHEET REFERENCE NUMBER.















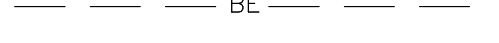
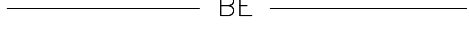


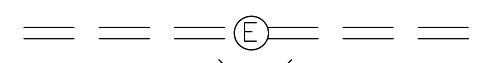
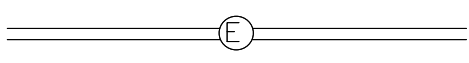




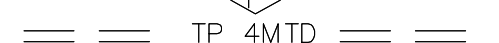
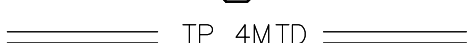




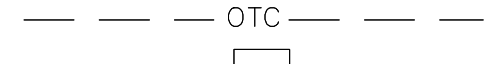
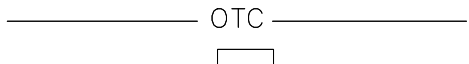
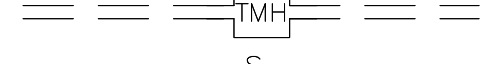

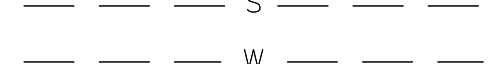
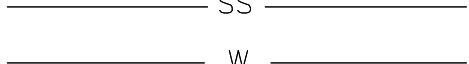
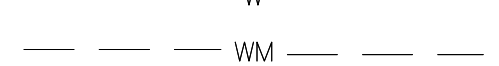
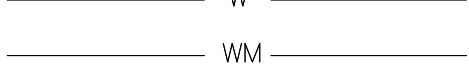








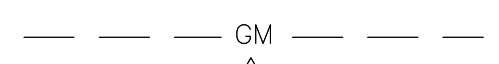
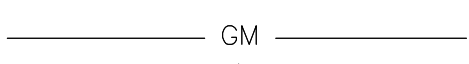






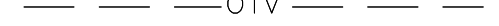
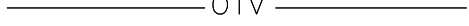


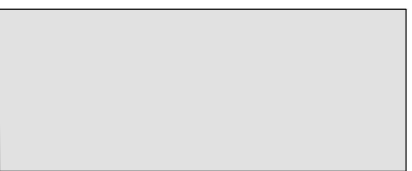
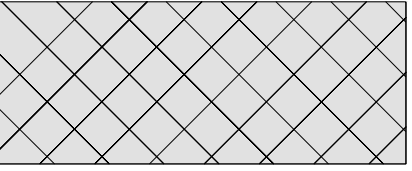
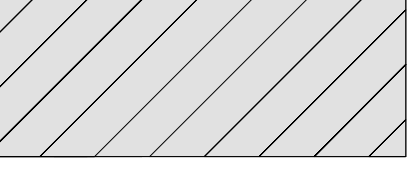
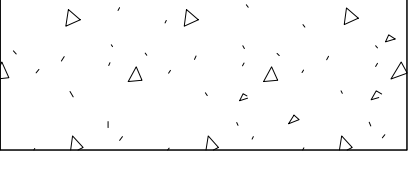
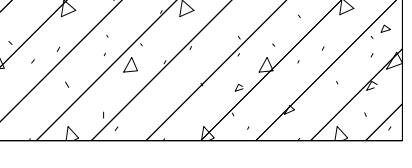
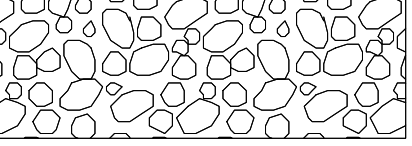
ALL INFORMATION CONCERNING THE DISPOSITION OF SIDE DRAIN PIPE IS SHOWN ON THE SUMMARY OF QUANTITIES BOX SHEET. THE TOP LETTERS (SD) ARE FOR SIDE DRAIN AND THE BOTTOM NUMBER IS THE DRAINAGE STRUCTURE INDEX NUMBER.



DIRECTION OF FLOW

UTILITIES

	EXISTING	PROPOSED
POWER POLE		
LIGHT POLE		
TELEPHONE POLE		
ANCHOR		
STUB (POWER)		
STUB (TELEPHONE)		
ELECTRIC DUCT		
BURIED ELECTRIC CABLE		
OVERHEAD ELECTRIC CABLE		
ELECTRIC MANHOLE		
TOWER		
TELEPHONE PEDESTAL		
TELEPHONE DUCT		
BURIED TELEPHONE CABLE		
OVERHEAD TELEPHONE CABLE		
TELEPHONE MANHOLE		
SANITARY SEWER		
WATER LINE		
WATER MAIN		
WATER VALVE		
FIRE HYDRANT		
WATER METER		
GAS LINE		
GAS MAIN		
GAS VALVE		
GAS REGULATOR		
BURIED CABLE TELEVISION.....		
OVERHEAD CABLE TELEVISION.....		

EXISTING PAVEMENT (RETAIN).....	
EXISTING PAVEMENT (REMOVE).....	
EXISTING PAVEMENT (RETAIN AND OVERLAY).....	
CONCRETE (EXISTING OR REQUIRED).....	
EXISTING CONCRETE (REMOVE).....	
RIP RAP (EXISTING OR REQUIRED).....	

RESIGHT OR FRONTSIGHT.....	FST
FRACTIONAL.....	FRAC
FULL SUPERELEVATION.....	FS
GALLON.....	GAL
GASOLINE PUMPS.....	GPP
GARAGE.....	GAR
GAUGE.....	GA
GIRDER.....	GDR
GOVERNMENT.....	GOV
GRASS.....	GRS
GRADE CHANGE.....	GC
GRADE POINT.....	GP
GRADE ROD.....	GRD
GRAVEL.....	GRV
GUARDRAIL.....	GR
HEADWALL.....	HDWL
HECTARE.....	HA
HIGH WATER MARK.....	HWM
HEIGHT.....	HT
HEIGHT OF INSTRUMENT.....	HI
HIGH WATER.....	HW
HIGHWAY.....	HWY
HOGWIRE.....	H/W
HORIZONTAL.....	HOR
HUB & TACK.....	H&T
HYDRANT.....	HYD
IMPACT ATTENUATOR.....	IA
IN ACCORDANCE WITH.....	I/A/W
IN PLACE.....	IN-PL
INCHES.....	IN
INCLUDING.....	INCL
INCORPORATED.....	INC
INSTRUMENT.....	INST
ISLAND.....	ISL
JOINT.....	JT
JUNCTION.....	JCT
JUNCTION BOX.....	JB
KILOMETER.....	KM
KILOMETER POST.....	KMP
KILOMETERS PER HOUR.....	KPH
LANE.....	LN
LATITUDE.....	LAT
LEFT.....	LT
LEFT AHEAD.....	LA
LEFT BACK.....	LB
LENGTH OF CURVE.....	L
LINK.....	LK
LIMIT.....	LM
LINEAR.....	LIN
LINEAR FEET.....	LIN FT
LONGITUDE.....	LONG
MANHOLE.....	MH
MARKER.....	MRK
MAXIMUM.....	MAX
MEAN HIGH WATER.....	MHW
MEAN LOW WATER.....	MLW
MEASUREMENT.....	MEAS
MEDIAN.....	MED
METER.....	M
MERIDIAN.....	MER
MILE POST.....	MP
MILES.....	MI
MILES PER HOUR.....	MPH
MILLIMETER.....	MM
MINIMUM.....	MIN
MONUMENT.....	MON
MULTIPLE.....	MULT
NORMAL.....	NORM
NORMAL CROWN.....	NC
NORMAL CROWN SLOPE.....	NCS
NORTH.....	N
NORTH BOUND ROADWAY.....	NBR
NORTHING-EASTING.....	NE
NOT IN CONTRACT.....	NIC
NOT TO SCALE.....	NTS
NUMBER.....	NO
OBSERVATION.....	OBS
ON CENTER.....	OC
ORIGINAL.....	ORIG
OVERHEAD.....	OHD
OVERHAUL.....	OH
OUT TO OUT.....	OO
PAINT.....	PNT
PAVED.....	PVD
PAVED SHOULDER.....	PVD SH
PAYEMENT.....	PVMT
PIPE END TREATMENT.....	PET
PIPE ENTERING CULVERT.....	PEC
PLATE GIRDER.....	PL GDR
POINT OF BEGINNING.....	POB
POINT OF COMPOUND CURVE.....	PCC
POINT OF CURVATURE.....	PC
POINT OF REVERSE CURVATURE.....	PRO
POINT OF ENDING.....	POE
POINT OF INTERSECTION.....	PI
POINT OF TANGENCY.....	PT
POINT ON CURVE.....	LBP
POUND.....	DESIGNER: PRES
RESENT.....	PRES
PROFILE GRADE.....	PG

VOLUME.....	VOL
WEST.....	W
WEST BOUND ROADWAY.....	WBR
WING WALL.....	WW
WITNESS CORNER.....	WC
WOOD.....	WD
WORKING POINT.....	WP
WOVEN WIRE.....	W/W
YARD.....	YD

NUMBER OF STORIES.....	1,2,3,4
FRAME.....	FR
BUILDING.....	BLDG
BLOCK.....	BLK
BRICK.....	BR
STUCCO.....	STU
METAL.....	MET
RESIDENCE.....	RES
BUSINESS.....	BUS
WAREHOUSE.....	WHSE
CHICKEN HOUSE.....	CH HSE
CHURCH.....	CH
SCHOOL.....	SCH
DOUBLE WIDE MOBILE HOME.....	DW MH
MOBILE HOME.....	MH

ANCHOR WIRE.....UTILITIES.....AW
BURIED ELECTRIC.....BE
BURIED FIBER OPTIC.....BFO
BURIED TELEPHONE CABLE.....BTC
BURIED CABLE TELEVISION.....BTV
CAST IRON.....CI
CIRCUIT.....CKT
DUCTILE IRON.....DUC IRON
EASEMENT.....ESMT
FIBER OPTIC.....FO
FIRE HYDRANT.....FH
FORCED MAIN (SANITARY SEWER).....FM
GAS MAIN.....GM
GAS METER.....GMET
GAS VALVE.....GV
GUY WIRE.....GUY
HIGH PRESSURE.....HP
KILOVOLT AMPS.....KVA
MANHOLE.....MH
MERCURY VAPOR LIGHT.....MVL
OVERHEAD FIBER OPTIC.....OFO
OVERHEAD TELEPHONE CABLE.....OTC
OVERHEAD ELECTRIC CABLE.....OE
OVERHEAD CABLE TELEVISION.....OTV
AIR.....PR
PEDESTAL.....PED
POLY VINYL CHLORIDE PIPE.....PVC
POWER POLE.....PP
SANITARY SEWER.....SS
SERVICE.....SERV
STEEL.....STL
STORM DRAIN.....STM
STORM SEWER.....STMS
SWITCH.....SW
TELEPHONE.....TEL
TELEPHONE MANHOLE.....TMH
TRANSFORMER.....TRAN
TRANSMISSION LINE.....TR LN
TRIAXIAL CABLE (SERVICE).....TRIX
VITRIFIED CLAY PIPE.....VCP
WATER MAIN.....WM
WATER METER.....WMET
WATER VALVE.....WV






















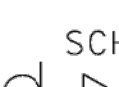

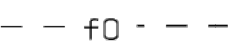

















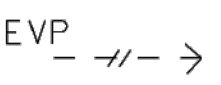
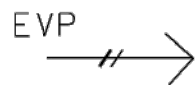
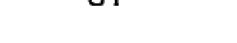



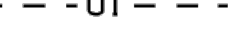
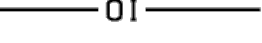


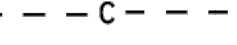
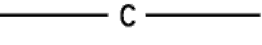


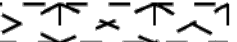





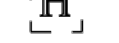








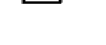
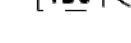

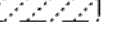
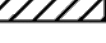
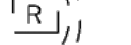

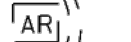








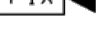
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REED BOOK.....DB
REAL PROPERTY BOOK.....RP
PLAT BOOK.....PB
MAP BOOK.....MB
PAGE.....PG
OFFICIAL RECORD.....OR
CAPPED (TYPICAL PLASTIC SURVEYORS CAP)...CAP
ALUMINUM CAP.....ALUM CAP
BRASS CAP.....BR CAP
IRON PIPE.....IP
CRIMPED.....CR
REINFORCING STEEL.....REBAR
CONCRETE MONUMENT.....CM
DAMAGED.....DAM
CHISELED X.....CH"X"
HUB AND TACK.....H&T
NAIL AND BOTTLE TOP.....N&BT
PARKER-KALON (MASONARY NAILS).....PK NAIL
FENCE POST.....F-POST
RAILROAD IRON.....RR IRON
COTTON SPINDLE.....COT SP
ANGLE IRON.....ANGLE IRON

```

TRAFFIC SIGNAL AND ITS LEGEND

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24()	2026	1-E

ELECTRICAL BOXES			MISCELLANEOUS EQUIPMENT			ABBREVIATIONS		
		REQUIRED			REQUIRED			
EXISTING			EXISTING					
METALLIC PULL BOX			TRAFFIC SIGNAL HEAD			AMERICAN WIRE GUAGE AWG		
FIBER OPTIC COMMBOX TYPE F1			TRAFFIC SIGNAL HEAD WITH BACKPLATE			CLOSED CIRCUIT TELEVISION CCTV		
FIBER OPTIC COMMBOX TYPE F2			PEDESTRIAN SIGNAL HEAD			CONDUIT..... C		
TRAFFIC SIGNAL JUNCTION BOX TYPE S1			8 FOOT PEDESTAL POLE AND PEDESTRIAN SIGNAL HEAD			CURB AND GUTTER C&G		
TRAFFIC SIGNAL JUNCTION BOX TYPE S2			PEDESTAL MOUNTED FLASHING WARNING SIGNAL WITH SIGN			DYNAMIC MESSAGE SIGN DMS		
TRAFFIC SIGNAL JUNCTION BOX TYPE S3			PEDESTAL MOUNTED ILLUMINATED SCHOOL ZONE SIGN			EASTBOUND ROADWAY EBR		
CABLE IN CONDUIT		REQUIRED				EMERGENCY VEHICLE PREEMPTION EVP		
EXISTING						END ANCHOR E/A		
FIBER OPTIC CABLE IN CONDUIT (UNDERGROUND)			PUSH BUTTON ASSEMBLY			FLASHING BEACON FB		
FIBER OPTIC CABLE IN CONDUIT (UNDERGROUND WITH CONCRETE)			SPAN/MASTARM MOUNTED SIGN			GALVANIZED RIGID CONDUIT..... GRC		
FIBER OPTIC CABLE IN CONDUIT (BRIDGE ATTACHED)			OMNI DIRECTIONAL ANTENNA			GUARDRAIL GR		
FIBER OPTIC CABLE (AERIAL INSTALLATION)			DIRECTIONAL ANTENNA			HIGH DENSITY POLYETHYLENE HDPE		
INTERCONNECT CABLE IN CONDUIT (UNDERGROUND)			EMERGENCY VEHICLE PREEMPTION SENSOR			HIGHWAY ADVISORY RADIO HAR		
INTERCONNECT CABLE (AERIAL INSTALLATION)			BLANKOUT MESSAGE SIGN			INDIVIDUAL LOWERING DEVICE ILD		
CONDUIT			TRAFFIC CONTROL CENTER			INTELLIGENT TRANSPORTATION SYSTEM(S).... ITS		
ENCASEMENT			HIGHWAY ADVISORY RADIO			JUNCTION BOX JB		
OVERHEAD ELECTRIC			HUB BUILDING			LEFT LT		
BURIED ELECTRIC			DYNAMIC MESSAGE SIGN (OVERHEAD)			LIGHT EMITTING DIODE LED		
VEHICULAR DETECTORS		REQUIRED	(NOTE: @ INDICATES SIGNAL HEAD NUMBER)			LIGHT POLE LP		
EXISTING						LUMINAIRE LUM		
PRESENCE LOOP DETECTOR						MILEPOST..... MP		
QUADRUPOLE LOOP DETECTOR						NORTHBOUND ROADWAY NBR		
6' x 6' LOOP DETECTOR						NON-METALLIC CONDUIT NMC		
VEHICLE DETECTION CAMERA						PAN TILT ZOOM..... PTZ		
DETECTION ZONE						PRIMARY FIBER DISTRIBUTION UNIT..... PFDU		
RADAR DETECTION UNIT						PROPERTY LINE PL		
RADAR DETECTION UNIT (ADVANCE)						PUBLIC ACCESS CAMERA..... PAC		
RADAR DETECTION UNIT (PRESENSE)						PULL BOX..... PB		
MAGNETOMETER (SENSOR)						RADIUS R		
MAGNETOMETER (REPEATER POLE)						RAILROAD RR		
CABINETS		REQUIRED				RIGHT RT		
EXISTING						RIGHT OF WAY..... ROW		
CABINET						ROADWAY RDWY		
CAMERAS		REQUIRED				SECONDARY FIBER DISTRIBUTION UNIT SFDU		
EXISTING						SCHOOL..... SCH		
CCTV CAMERA, FIXED						SOUTHBOUND ROADWAY SBR		
CCTV CAMERA, PTZ						STANDARD DRAWING STD-DWG		
						STATION STA		
						TRAFFIC CONTROL CENTER TCC		
						TRAFFIC SIGNAL OPERATING PLAN TSOP		
						TRANSPORTATION MANAGEMENT CENTER TMC		
						TURNOUT TO		
						VEHICLE DETECTION CAMERA VDC		
						WESTBOUND ROADWAY WBR		

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION TRAFFIC DESIGN SECTION	NOT TO SCALE	SHEET TITLE	ROUTE
DATE: xxx	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL AND ITS LEGEND	VARIOUS

R20220708

SITE LOCATION MAP

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	1-F

County Maintained Intersections

- 1 Caldwell Mill Road at County Road 14
- 2 Caldwell Mill Road at Indian Crest Drive
- 3 Valleydale Road at Caldwell Mill Road
- 4 Valleydale Road at Indian Valley Road
- 5 Valleydale Road at Publix/Wal-Mart
- 6 Valleydale Road at Buckton Road/Jefferson State
- 7 Valleydale Road at Meadow Drive
- 8 Valleydale Road at Business Center Drive
- 9 County Road 52 at County Road 93

Alabaster Maintained Intersections

- 10 Kent Dairy Road at Warrior Drive
- 11 Thompson Road at Warrior Drive
- 12 County Road 95 at County Road 44
- 13 County Road 44 at 1st Street
- 14 County Road 11 at County Road 68

Calera Intersections

- 15 County Road 87 at I-65 Southbound Ramps
- 16 County Road 87 at County Road 12
- 17 County Road 12 at County Road 22

Chelsea Intersections

- 18 County Road 11 at County Road 36
- 19 County Road 11 at County Road 280
- 20 County Road 39 at County Road 47

Helena Intersections

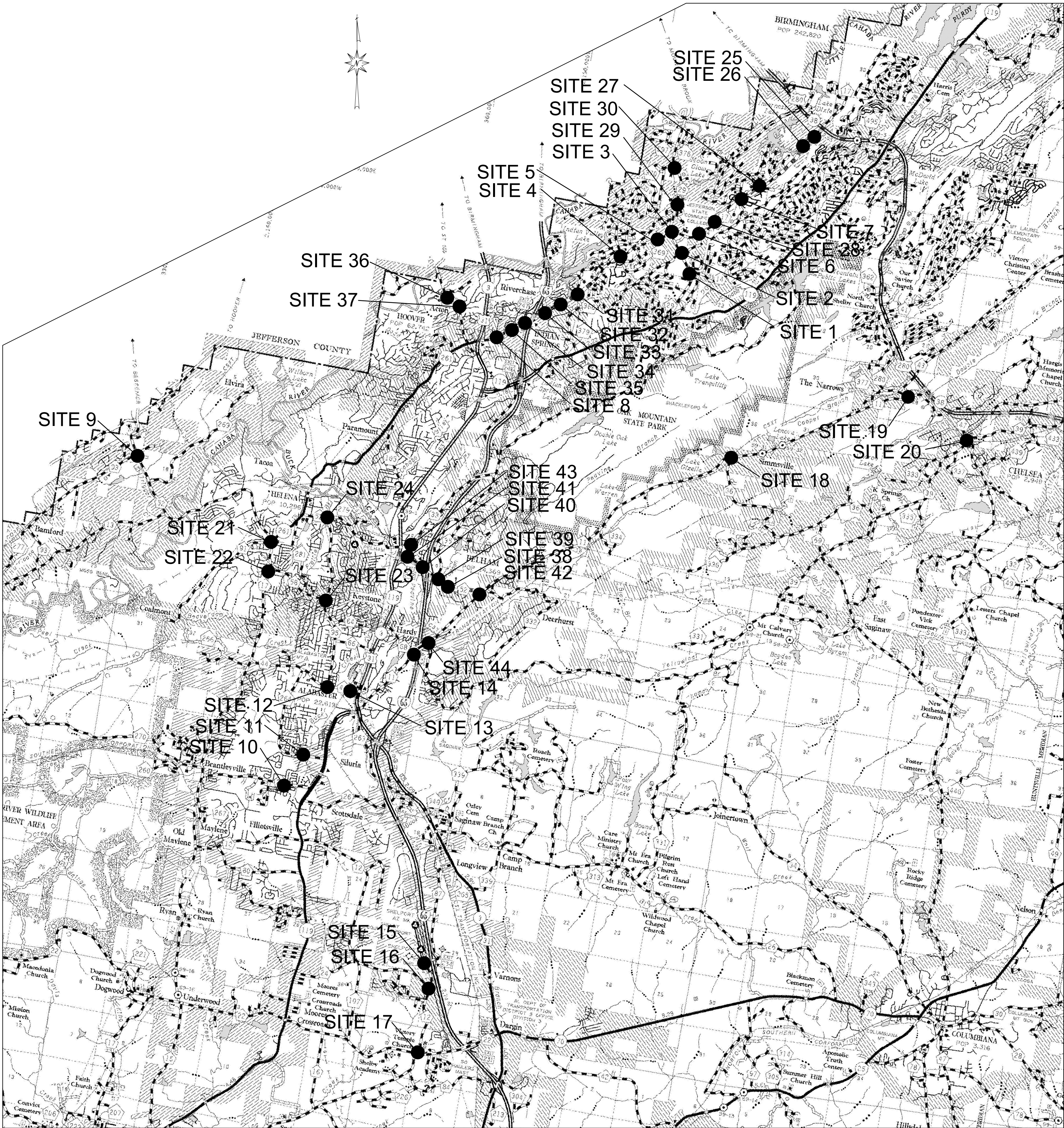
- 21 County Road 17 at State Route 261
- 22 County Road 17 at County Road 58
- 23 County Road 95 at County Road 58
- 24 County Road 95 at County Road 52

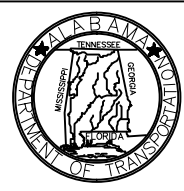
Hoover Intersections

- 25 Valleydale Road at Inverness Plaza
- 26 Valleydale Road at Inverness Center Drive
- 27 Valleydale Road at Inverness Parkway
- 28 Valleydale Road at Jaguar Drive
- 29 Caldwell Mill Road at Jaguar Drive
- 30 Caldwell Mill Road at Heatherwood Drive
- 31 Valleydale Road Southlake Parkway
- 32 Valleydale Road at Lowes
- 33 Valleydale Road at I-65 Northbound Ramps
- 34 Valleydale Road at I-65 Southbound Ramps
- 35 Valleydale Road at Riverchase Parkway
- 36 Old Montgomery Highway at Arbor Hills Parkay
- 37 Old Montgomery Highway at Riverchase Parkway


Pelham Intersections

- 38 County Road 52 at Huntley Parkway
- 39 County Riad 52 at McCain Parkway
- 40 County Road 52 at I-65 Southbound Ramps
- 41 County Road 52 at County Road 33
- 42 County Road 11 at County Road 52
- 43 County Road 33 at Word Drive
- 44 County Road 11 at Weatherly Club Drive

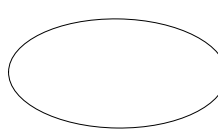
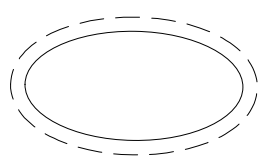



RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	SHEET TITLE	ROUTE
DATE: xxx	DATE:	DATE:	FINAL SUBMITTAL			SITE LOCATION MAP	VARIOUS

PROJECT NOTES						REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
						CRPBH-MR24(902)	2026	2
<div><div></div><div>DENOTES NOTES THAT APPLY TO THIS PROJECT</div></div>								
<div><div><div><div></div><div>300</div></div><div>TRAFFIC CONTROL ITEMS 740E-000, CONES (36 INCHES HIGH) AND 740M-001, BALLAST FOR CONE ARE TO BE USED AND PLACED AS DIRECTED BY THE PROJECT MANAGER.</div></div><div><div><div></div><div>400</div></div><div>THE CONTRACTOR SHALL DISPOSE OF ALL REMOVED MATERIALS. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND ORDINANCES PERTAINING TO DISPOSAL. THE CONTRACTOR SHALL SUBMIT A PLAN FOR THE SATISFACTORY DISPOSAL OF MATERIALS. CLEARING SHALL NOT BEGIN UNTIL THE PROJECT MANAGER ACCEPTS THE PLAN AS HAVING SUFFICIENT DETAIL. THE PLAN SHALL INCLUDE AN ACCEPTABLE MEANS FOR THE TREATMENT OF DISPOSAL AREAS SO AS NOT TO PRESENT AN UNSIGHTLY APPEARANCE, CREATE A PUBLIC NUISANCE, OR CREATE FUTURE MAINTENANCE PROBLEMS FOR THE DEPARTMENT. THE DISPOSAL PLAN SHALL PROVIDE FOR THE SATISFACTORY DISPOSAL OF BIODEGRADABLE MATERIALS AND RUBBISH WITHIN 48 HOURS AFTER ACCUMULATION, UNLESS A LONGER PERIOD IS AUTHORIZED IN WRITING BY THE PROJECT MANAGER, TO PREVENT THE INFESTATION OF PESTS.</div></div><div><div><div></div><div>451</div></div><div>ALL EXISTING STRUCTURES, SIGNS, WALLS, BUILDINGS, SIDEWALKS AND OTHER (OUTSIDE THE SCOPE OF THE PROJECT) DAMAGED BY THE CONTRACTOR SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE PROJECT MANAGER AT NO COST TO THE CITY OR STATE.</div></div><div><div><div></div><div>452</div></div><div>THE CONTRACTOR IS NOT TO DISTURB BENCHMARKS IN ANY MANNER UNLESS DIRECTED TO DO SO BY THE ENGINEER.</div></div><div><div><div></div><div>453</div></div><div>THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED BY THE ORDINANCES OF THE VARIOUS CITIES, COUNTIES, AND THE STATE OF ALABAMA AFTER THE CONTRACT IS AWARDED, AND AFTER COMPLETION OF WORK, SHALL VERIFY TO THE ENGINEER, BY CERTIFICATION OF FINAL INSPECTION AND APPROVAL FROM THE LOCAL CITY INSPECTOR(S) AND OTHER REGULATORY AGENCIES, THAT THE INSTALLATION COMPLIES WITH ALL REGULATIONS GOVERNING THE SAME.</div></div><div><div><div></div><div>612</div></div><div>ALL EQUIPMENT OR MATERIALS INSTALLED ON THIS PROJECT SHALL BE APPROVED IN WRITING BY THE TRAFFIC DESIGN SECTION PRIOR TO INSTALLATION.</div></div><div><div><div></div><div>624</div></div><div>ALL EQUIPMENT USED ON THIS PROJECT SHALL BE NEW, UNUSED, AND FREE OF DEFECT.</div></div><div><div><div></div><div>900</div></div><div>NPDES PERMIT COVERAGE IS NOT REQUIRED FOR THIS PROJECT.</div></div><div><div><div></div><div>901</div></div><div>THERE SHALL BE NO FUEL TANKS STORED ON THE RIGHT-OF-WAY. IN ADDITION, NO FUEL TRUCKS OR VEHICLES TRANSPORTING CHEMICALS, FERTILIZER, ETC. SHALL BE LEFT UNATTENDED ON THE RIGHT-OF-WAY.</div></div></div>								
RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.		SUPERVISOR:		DESIGNER:		PLAN SUBMITTAL		SHEET TITLE PROJECT NOTES
DATE: xxx		DATE:		DATE:		FINAL SUBMITTAL		
<div><div><div></div><div>ALABAMA DEPARTMENT OF TRANSPORTATION</div></div></div>						NOT TO SCALE		

TRAFFIC SIGNAL PLAN NOTES					REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO																			
					CRPBH-MR24(902)	2026	2-A																			
IN THE EVENT CONFLICTS OCCUR BETWEEN THE PROJECT TRAFFIC SIGNAL NOTES AND THE MUTCD, THE MUTCD WILL GOVERN.					<div><div></div>NOTES THAT APPLY TO THIS PROJECT.</div>																					
<div><div>500.</div><div>AS WORK BEGINS RELATED TO OR AFFECTING THE SIGNAL(S), WITHIN THE CONSTRUCTION LIMITS, THE CONTRACTOR SHALL ASSUME RESPONSIBILITY OF ALL EXISTING, TEMPORARY, AND REQUIRED SIGNAL(S). THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUAL OPERATION AND MAINTENANCE OF THE SIGNAL(S) UNTIL ALL SIGNAL WORK OR WORK AFFECTING THE SIGNAL(S) IS ACCEPTED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION.</div></div>	<div><div>501.</div><div>THE ALABAMA DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO RESPOND TO TRAFFIC CONTROL UNIT(S) MALFUNCTIONS IN AN EMERGENCY OR NATURAL DISASTER. IN DOING SO, THE CONTRACTOR’S LIABILITY AND RESPONSIBILITY RELATED TO MAINTAINING THE TRAFFIC UNIT(S) OR SYSTEM REMAINS IN EFFECT.</div></div>	<div><div>502.</div><div>A NOTICE OF INTENT FOR NPDES PERMIT COVERAGE HAS BEEN FILED WITH ADEM FOR THIS PROJECT. A COPY OF THE CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN (CBMPP) IS AVAILABLE THROUGH OFFICE ENGINEER PRIOR TO BIDDING.</div></div>	<div><div>503.</div><div>THE CONTRACTOR SHALL PROVIDE A SET OF AS–BUILT PLANS TO THE AREA TRAFFIC ENGINEER.</div></div>	<div><div>504.</div><div>THE CONTRACTOR SHALL INSTALL TEMPORARY SIGNAL(S) AS REQUIRED BY THE TEMPORARY TRAFFIC SIGNAL PLAN LAYOUT(S) OR THE TRAFFIC CONTROL PLAN(S). WHEN TEMPORARY SIGNAL(S) ARE NOT REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING AND ADJUSTING THE EXISTING AND/OR REQUIRED SIGNAL(S) SO THAT ALL LANE SHIFTS, CLOSURES, AND ANY OTHER CHANGES TO THE ROADWAY DURING CONSTRUCTION ARE CONTROLLED BY THE EXISTING AND/OR REQUIRED SIGNAL(S).</div></div>	<div><div>505.</div><div>WHEN THE CONTROLLER IS IN THE FLASHING MODE, THE VEHICULAR SIGNAL HEADS SHALL FLASH YELLOW ON THE MAIN STREET, RED ON ALL CROSS STREETS, AND RED ON PROTECTED LEFT TURNS.</div></div>	<div><div>506.</div><div>THE CONTRACTOR SHALL HAVE THE APPROVAL OF THE ENGINEER PRIOR TO THE REMOVAL OF ANY EXISTING TRAFFIC CONTROL UNIT. THE CONTRACTOR SHALL NOT REMOVE AN EXISTING TRAFFIC CONTROL UNIT UNTIL THE REQUIRED TRAFFIC CONTROL UNIT IS INSTALLED AND COMPLETELY OPERATIONAL.</div></div>	<div><div>507.</div><div>ALL EXISTING TRAFFIC CONTROL EQUIPMENT WHICH IS THE PROPERTY OF THE STATE INCLUDING SIGNAL HEADS, CONTROLLERS, POLES, AND MISCELLANEOUS HARDWARE SHALL BE REMOVED UPON COMPLETION OF THE NEW TRAFFIC CONTROL UNIT (TEMPORARY OR PERMANENT) AND STORED TO COMPLY WITH SECTION 730.03 OF THE STANDARD SPECIFICATIONS. THE SAME SHALL BE DELIVERED TO THE ALABAMA DEPARTMENT OF TRANSPORTATION AS DIRECTED BY THE ENGINEER.</div></div>	<div><div>508.</div><div>ALL EXISTING TRAFFIC CONTROL EQUIPMENT WHICH IS THE PROPERTY OF SHELBY COUNTY OR INDIVIDUAL CITIES INCLUDING SIGNAL HEADS, CONTROLLERS, POLES, AND MISCELLANEOUS HARDWARE SHALL BE REMOVED UPON COMPLETION OF THE TRAFFIC CONTROL UNIT (TEMPORARY OR PERMANENT) AND STORED TO COMPLY WITH SECTION 730.03 OF THE STANDARD SPECIFICATIONS. THE SAME SHALL BE DELIVERED TO THE ALABAMA DEPARTMENT OF TRANSPORTATION OR AS DIRECTED BY THE ENGINEER.</div></div>	<div><div>509.</div><div>THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES TO LOCATE ALL OVERHEAD AND UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT. DAMAGE TO UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE UTILITY COMPANY AND THE ENGINEER. THE CONTRACTOR SHALL BEAR ALL COST TO REPAIR ANY AND ALL DAMAGES TO THE UTILITIES CAUSED BY THE CONTRACTOR.</div></div>	<div><div>510.</div><div>THE LOCATION OF THE POWER SOURCE AS SHOWN IN THE PLANS IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE POWER SOURCE AND THE SHORTEST ROUTE TO SERVE THE TRAFFIC SIGNAL CONTROLLER CABINET AND LUMINAIRES.</div></div>	<div><div>511.</div><div>THE TRAFFIC SIGNAL POLE LOCATION(S) AS SHOWN IN THE PLANS IS(ARE) APPROXIMATE. PRIOR TO BEGINNING POLE FOUNDATION WORK, THE CONTRACTOR SHALL STAKE ALL POLE LOCATIONS FOR REVIEW BY THE ENGINEER. THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF THE POLE FOUNDATIONS WHEN PAY ITEM 680A, GEOMETRIC CONTROLS, IS NOT INCLUDED IN THE CONTRACT. THE ENGINEER, AFTER CONSULTATION WITH CONSTRUCTION BUREAU, MAY MAKE MINOR ADJUSTMENTS TO POLE LOCATIONS IN ORDER TO AVOID CONFLICTS WITH UTILITIES AND OTHER STRUCTURES. THE CONTRACTOR SHALL ASCERTAIN THAT THE FINAL POLE LOCATION(S) PROVIDE FOR THE VEHICULAR SIGNAL HEADS TO MEET THE DISTANCE REQUIREMENTS FROM THE STOP LINE AS REQUIRED BY THE MUTCD. WHEN PEDESTRIAN SIGNAL HEADS AND/OR PEDESTRIAN CROSSWALKS ARE INVOLVED, THE SAME SAID POLE LOCATION(S) SHALL ALSO CONFORM TO THE RELATIVE SECTIONS OF THE MUTCD.</div></div>	<div><div>512.</div><div>EACH REQUIRED TRAFFIC SIGNAL STRAIN POLE, MAST ARM POLE, AND MAST ARM MAY VARY IN LENGTH AND SIZE. THE CONTRACTOR SHALL ASCERTAIN THAT THE POLE HEIGHTS ARE SUFFICIENT TO PROVIDE THE REQUIRED VERTICAL VEHICULAR TRAFFIC SIGNAL CLEARANCE. EXTENSIONS FOR MOUNTING SIGNALS SHALL BE PROVIDED WHEN NECESSARY. WHERE MAST ARMS ARE REQUIRED, CONTRACTOR SHALL ASCERTAIN THAT ALL ARM LENGTHS ARE SUFFICIENT SO THAT EACH VEHICULAR SIGNAL HEAD POSITION CONFORMS TO THE MUTCD.</div></div>	<div><div>513.</div><div>CONTRACTOR SHALL CONNECT EACH POLE GROUNDING SYSTEM IMMEDIATELY AFTER THE POLE HAS BEEN PLACED. NO METAL POLE SHALL BE LEFT UNGROUNDED AFTER IT HAS BEEN PLACED ON ITS FOUNDATION.</div></div>	<div><div>514.</div><div>THE CONTRACTOR SHALL LOCATE EACH REQUIRED AND RELOCATED VEHICULAR TRAFFIC SIGNAL HEAD ON THE SPAN WIRE OR MAST ARM SO THAT EACH HEAD IS LOCATED IN THE APPROACH LANE FOR WHICH IT APPLIES. LOCATION OF SIGNAL HEADS SHALL CONFORM TO THE MUTCD.</div></div>	<div><div>515.</div><div>BALANCE ADJUSTERS SHALL BE INSTALLED ON TRAFFIC SIGNAL HEADS WHERE REQUIRED FOR PROPER AIM. THE CONTRACTOR SHALL ALIGN THE SIGNAL HEADS IN ACCORDANCE WITH THE MUTCD AND TO THE SATISFACTION OF THE ENGINEER.</div></div>	<div><div>516.</div><div>A 12 INCH DRIP COIL WITH 3 LOOPS SHALL BE PROVIDED TO THE RIGHTS OF EACH VEHICULAR TRAFFIC SIGNAL HEAD. A DRIP LOOP SHALL BE FORMED SO THAT WATER CANNOT ENTER THE ENTRANCE FITTING OR SIGNAL WEATHER HEAD. THE WIRE SHALL ENTER THE CLAMP FROM THE BOTTOM OF THE DRIP LOOP.</div></div>	<div><div>517.</div><div>THE CONTRACTOR SHALL INSTALL BACKPLATES WITH A 2 INCH FEDERAL YELLOW REFLECTIVE BORDER ON ALL EXISTING AND REQUIRED SIGNALS AS SHOWN ON PLANS.</div></div>	<div><div>518.</div><div>THE CONTRACTOR SHALL TAG AND MARK ALL IMSA SIGNAL CABLE 20–1 IN THE SIGNAL CABINET TO INCLUDE THE PHASE AND SIGNAL INDICATOR OR INDICATION COLOR.</div></div>	<div><div>519.</div><div>WHEN EXISTING SPAN WIRE THAT IS TO BE RETAINED HAS SAGGED, THE CONTRACTOR SHALL ADJUST THE SPAN WIRE SO THAT SIGNAL HEADS COMPLY WITH THE CLEARANCE SHOWN ON THE STANDARD DETAIL DRAWING.</div></div>	<div><div>520.</div><div>WHEN PVC CONDUIT IS USED FROM THE CONTROLLER TO THE STEEL STRAIN POLE OR MAST ARM POLE, THE CONTRACTOR SHALL BOND THE CONTROLLER TO THE POLE WITH A #6–1C BONDING CABLE.</div></div>	<div><div>521.</div><div>MARKING/WARNING TAPE SHALL BE BURIED OVER TRENCHED CONDUIT. THE TAPE SHALL BE 4 INCH POLYETHYLENE, RED IN COLOR WITH BLACK LETTERING.</div></div>	<div><div>522.</div><div>WHEN EXISTING LOOP WIRE AND VEHICLE LOOP DETECTORS ARE TO BE RETAINED AND REUSED, OR RELOCATED IN A NEW CONTROLLER CABINET, THE CONTRACTOR SHALL ASCERTAIN THE MANUFACTURER AND MODEL NUMBER OF EACH EXISTING DETECTOR AMPLIFIER AND PROVIDE A NEW WIRING HARNESS COMPLETELY WIRED IN THE CONTROLLER CABINET FOR EACH EXISTING DETECTOR AMPLIFIER.</div></div>	<div><div>523.</div><div>IT SHALL BE THE CONTRACTOR’S RESPONSIBILITY TO HIRE A LICENSED PROFESSIONAL ENGINEER TO INPUT AND FINE TUNE THE SIGNAL TIMINGS. WHERE SIGNAL TIMINGS ARE NOT INCLUDED IN THE PLANS, THIS ENGINEER SHALL ALSO BE RESPONSIBLE FOR CALCULATING BASE OR FREE RUNNING SIGNAL TIMINGS. THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF 730C.</div></div>	<div><div>524.</div><div>IT SHALL BE THE CONTRACTOR’S RESPONSIBILITY TO HIRE A LICENSED PROFESSIONAL ENGINEER TO CALCULATE, INPUT, AND FINE TUNE THE SIGNAL TIMINGS, INCLUDING TIME–OF–DAY AND COORDINATED TIMINGS AT SITES WHERE COORDINATION TIMINGS ARE REQUIRED ON THE LAYOUT SHEET. THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF 730C.</div></div>	<div><div>525.</div><div>THE {AREA TRAFFIC ENGINEER / CITY TRAFFIC ENGINEER / COUNTY TRAFFIC ENGINEER} SHALL BE RESPONSIBLE FOR INPUTTING AND FINE TUNING THE TIMINGS.</div></div>	<div><div>526.</div><div>ALL PEDESTRIAN PUSH BUTTONS AT SIGNALIZED INTERSECTIONS AFFECTED BY THIS PROJECT SHALL BE APS STYLE. PUSH BUTTONS SHALL BE INSTALLED TO MEET THE REQUIREMENTS OF ADA, PROWAG, MUTCD, AND ALDOT; AND BE DONE SO TO THE SATISFACTION OF THE ENGINEER. ANY ADDITIONAL REQUIRED WORK OR EQUIPMENT NOT INCLUDED IN THE PLANS BUT NECESSARY TO FULFILL THE REQUIREMENTS LISTED ABOVE SHALL BE COVERED BY SECTION 104.03, "EXTRA WORK".</div></div>
<div><div></div><div>ALABAMA DEPARTMENT OF TRANSPORTATION</div></div>	REVISION: 5/2025	PLAN SUBMITTAL	PLANS PREPARED BY:			SHEET TITLE		ROUTE																		
		FINAL SUBMITTAL	SKIPPER CONSULTING, INC.			TRAFFIC SIGNAL PLAN NOTES		VARIOUS																		

\$\$\$DESIGN FILE SPECIFICATIONS\$\$\$
\$USER NAMES\$
\$TIMES\$
\$DATES\$

				REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
				CRPBH-MR24(902)	2026	2-B
				<div>INTELLIGENT TRANSPORTATION SYSTEMS (ITS) PLAN NOTES</div> <div>IN THE EVENT CONFLICTS OCCUR BETWEEN THE ITS PLAN NOTES AND THE MUTCD, THE MUTCD WILL GOVERN.</div> <div><div>NOTES THAT APPLY TO THIS PROJECT.</div><div>NOTES THAT WERE EDITED BY DESIGNER.</div></div>		
1100.	ELECTRICAL POWER SERVICE LOCATION(S) AS SHOWN ON THE PLANS ARE APPROXIMATE. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF THE POWER SERVICE AND THE SHORTEST ROUTE TO SERVE ITS CABINET(S), ITS DEVICES(S), ETC.	1112.	CONDUIT EXPANSION JOINTS SHALL BE INSTALLED EVERY FIFTY (50) FEET MAXIMUM WHERE CONDUIT(S) IS ATTACHED TO BRIDGE DECK.	1126.	AERIAL DROPS SHALL HAVE ADEQUATE SLACK IN THE TRUNK SERVICE LOOP WITH AMPLE LENGTH OF THE DROP CABLE. THIS SHALL ALLOW FOR THE DETACHMENT OF THE AERIAL SPLICE CLOSURE FROM THE TRUNK CABLE MESSENGER AND THE ABILITY TO LOWER SAID CLOSURE, TRUNK, AND DROP WITHOUT HAVING TO WORK IN A BUCKET TRUCK.	
1101.	PRIOR TO INSTALLING ELECTRICAL POWER SERVICE LOCATION(S), THE CONTRACTOR SHALL STAKE SERVICE POLE LOCATIONS FOR REVIEW BY THE REGION TSM&O ENGINEER (OR THEIR REPRESENTATIVE). THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM(S) 729-K WHEN ITEM 680-A (GEOMETRIC CONTROLS) IS NOT INCLUDED IN THE CONTRACT. THE ENGINEER, AFTER CONSULTATION WITH THE CONSTRUCTION BUREAU, MAY MAKE ADJUSTMENTS TO SERVICE POLE(S) LOCATIONS TO AVOID CONFLICTS WITH UTILITIES OR OTHER STRUCTURES.	1113.	ALL ENCASEMENT RUNS SHALL CONTAIN ONE (1) EACH 6-INCH DIAMETER ELECTRICAL CONDUIT, 1 LINE, TYPE 5 INSTALLATION, UNLESS OTHERWISE SHOWN ON PLANS.	1127.	LOCATION OF REQUIRED COMMBOXES AND PULLBOXES SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO INSTALLATION.	
1102.	IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY OWNERS AND/OR LINE LOCATION SERVICE(S) TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THIS PROJECT, WHETHER SHOWN ON THE PLANS OR NOT. DAMAGE TO UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE UTILITY COMPANY AND THE ENGINEER. ANY COST OF SUCH REPAIRS SHALL BE BORNE BY THE CONTRACTOR.	1114.	PRECAUTIONS SHALL BE TAKEN TO ENSURE THAT ALL UNDERGROUND CONDUIT RUNS ARE LOCATED TO AVOID CONFLICT WITH PROPOSED OR EXISTING GUARDRAIL, SIGNPOST, ETC.	1128.	CONTRACTOR SHALL CONTINUE THE OPERATION AND MAINTENANCE OF THE EXISTING TRAFFIC SIGNAL INTERCONNECT UNTIL THE REQUIRED FIBER OPTIC INTERCONNECT IS FULLY OPERATIONAL.	
1103.	THE LOCATION OF ANY REQUIRED COMMBOXES AND/OR ELECTRICAL/FIBER CABLE CONDUITS MAY BE ADJUSTED WITH APPROVAL OF THE ENGINEER TO PREVENT ANY CONFLICTS WITH EXISTING UTILITIES.	1115.	DURING THE INSTALLATION OF 756-A ENCASEMENT, UPHEAVAL IN EXISTING PAVEMENT SHALL NOT BE ALLOWED.	1129.	ALL EXISTING TRAFFIC SIGNALS SHALL REMAIN FULLY OPERATIONAL AND CONNECTED TO THE NETWORK VIA INTERCONNECT UNTIL ALL PROPOSED FIBER OPTIC EQUIPMENT IS INSTALLED AND CONNECTION TO THE FIELD NETWORK DEVICE(S) ARE OPERATIONAL.	
1104.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY ROADWAY, LIGHTING, OR BRIDGE ELEMENTS THAT OCCUR DURING THE CONSTRUCTION OF THIS PROJECT DUE TO THEIR OPERATIONS. THE METHOD OF REPAIR SHALL BE APPROVED BY THE ENGINEER PRIOR TO REPAIRS BEING DONE. ANY COST OF SUCH REPAIRS SHALL BE BORNE BY THE CONTRACTOR.	1116.	ACCESS TO ALL OPEN BUSINESSES SHALL BE MAINTAINED DURING INSTALLATION OF THE 756-A ENCASEMENT WHERE MORE THAN ONE ACCESS DRIVE IS AVAILABLE.	1130.	CONTRACTOR SHALL PROVIDE AND INSTALL FIBER OPTIC DROP CABLE FROM THE REQUIRED SPLICE CLOSURE TO THE SIGNAL CONTROLLER AT EACH SIGNALIZED INTERSECTION.	
1105.	THIS PROJECT SHALL BE LIMITED TO _____ (_____) END-TO-END SPLICES OF THE _____ FIBER SINGLE MODE FIBER OPTIC CABLE AT LOCATIONS SELECTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. **DELETE THIS TEXT** DESIGNER TO POPULATE BLANKS IF USED**	1117.	ANY TRENCHES REQUIRED FOR CONSTRUCTION SHALL BE BACKFILLED THE SAME DAY.	1131.	IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL ITS COMPONENTS (INCLUDING, BUT NOT LIMITED TO, CAMERAS AND CAMERA CONTROLS, VIDEO ENCODERS, VEHICLE DETECTION SYSTEMS, NETWORK SWITCHES AND WIRELESS EQUIPMENT, AND DYNAMIC MESSAGE SIGNS) ARE COMPATIBLE WITH ALDOT'S AUTOMATED TRAFFIC MANAGEMENT SYSTEM (ATMS) AND THAT THEY FUNCTION AS A COMPLETE SYSTEM.	
1106.	AT FIBER OPTIC CABLE END-TO-END SPLICE LOCATION(S) AND AT FIBER OPTIC CABLE END-OF-RUN LOCATION(S), THE CONTRACTOR SHALL PROVIDE A COMPLETE FUSION SPLICE INSTALLATION. FUSION SPLICE INSTALLATION SHALL BE EQUIPPED WITH SPLICE CLOSURE AND SPLICE TRAY. THE FUSION SPLICE SHALL BE HOUSED WITHIN AN F2 OR LARGER COMMBOX FOR BURIED FIBER OPTIC CABLE. AN ADDITIONAL COMMBOX MAY BE REQUIRED IF NOT ACCOUNTED FOR IN BOX SCHEDULES AND SHALL BE HANDLED IN ACCORDANCE WITH SECTION 104 OF THE ALDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.	1118.	PRIOR TO INSTALLING ITS POLE(S), THE CONTRACTOR SHALL STAKE ITS POLE LOCATIONS FOR REVIEW BY THE REGION TSM&O ENGINEER (OR THEIR REPRESENTATIVE). THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM(S) 729-L WHEN ITEM 680-A (GEOMETRIC CONTROLS) IS NOT INCLUDED IN THE CONTRACT. THE ENGINEER, AFTER CONSULTATION WITH THE CONSTRUCTION BUREAU, MAY MAKE ADJUSTMENTS TO ITS POLE(S) LOCATIONS TO AVOID CONFLICTS WITH UTILITIES OR OTHER STRUCTURES.	1132.	ALL STRUCTURES SHALL BE INSTALLED FREE OF ANY APPURTENANCES. THE INSTALLATION OF DEVICES, CABINETS, OR OTHER APPURTENANCES WILL BE ALLOWED FOLLOWING INSPECTION OF THE STRUCTURE BY THE ENGINEER.	
1107.	CONTRACTOR SHALL PROVIDE ACCURATE 'AS-BUILT' PLAN SET AND SPLICE CHARTS AS PART OF THE PROJECT ACCEPTANCE PROCESS. THE ENGINEER SHALL VERIFY THE ACCURACY OF THE DRAWINGS PRIOR TO ACCEPTANCE.	1119.	PRIOR TO INSTALLING DYNAMIC MESSAGE SIGN(S) (DMS), THE CONTRACTOR SHALL STAKE OVERHEAD ROADWAY SIGN STRUCTURE POLE(S) LOCATIONS FOR REVIEW BY THE REGION TSM&O ENGINEER (OR THEIR REPRESENTATIVE). THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM(S) 715-A WHEN ITEM 680-A (GEOMETRIC CONTROLS) IS NOT INCLUDED IN THE CONTRACT. THE ENGINEER, AFTER CONSULTATION WITH THE CONSTRUCTION BUREAU, MAY MAKE ADJUSTMENTS TO OVERHEAD ROADWAY SIGN STRUCTURE POLE(S) LOCATIONS TO AVOID CONFLICTS WITH UTILITIES OR OTHER STRUCTURES.	1133.	CONTRACTOR SHALL INSTALL ALL UNDERGROUND BORES AT A MINIMUM OF FOUR (4) FEET BELOW EXISTING CONCRETE FLUMES AND CULVERTS UNLESS OTHERWISE INDICATED ON THE PLANS.	
1108.	PRIOR TO INSTALLATION OF FIBER OPTIC CABLE, THE CONTRACTOR SHALL COORDINATE FIBER ALLOCATIONS WITH THE REGION TSM&O ENGINEER. CONTRACTOR SHALL HAVE ALL SPLICE CHARTS APPROVED BY THE ENGINEER PRIOR TO INSTALLING FIBER OPTIC CABLE. IF CONTRACTOR INSTALLS FIBER OPTIC CABLE PRIOR TO THE ENGINEER'S APPROVAL OF SPLICE CHARTS, THE CONTRACTOR SHALL BEAR ANY AND ALL COSTS OF CHANGES RELATED TO FIBER OPTIC CABLE INSTALLATION AND SPLICING THAT MAY BE REQUIRED BY ALDOT.	1120.	ALL REQUIRED ITS POLES LOCATED BEHIND GUARDRAIL SHALL BE A MINIMUM OF FOUR (4) FEET BEHIND BACK OF GUARDRAIL POST(S).	1134.	UNDERGROUND CONDUIT (PAY ITEM 729-I) SHALL / MAY BE INSTALLED BY OPEN TRENCHING METHOD UNLESS OTHERWISE INDICATED ON THE PLANS.	
1109.	CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL ALL ANCHORS, MOUNTING BRACKETS, CLAMPS, AND STRAPS PRIOR TO ANY INSTALLATION OF PRODUCT.	1121.	ANY HOLES EXCAVATED FOR STRUCTURE AND/OR POLE FOUNDATIONS SHALL BE COVERED IF LEFT OVERNIGHT. THE COVERING SHALL BE SUFFICIENTLY SECURED, AS APPROVED BY THE ENGINEER, TO AVOID UNINTENTIONAL DISPLACEMENT BY PERSONS, WIND, OR VEHICLES. THIS SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM(S) 729-K AND/OR 729-L	1135.	UNDERGROUND CONDUIT (PAY ITEM 729-I) SHALL / MAY BE INSTALLED BY PRECISION DIRECTIONAL BORING METHOD UNLESS OTHERWISE INDICATED ON THE PLANS.	
1110.	ALL ANCHORS PLACED IN BRIDGE DECKS SHALL PENETRATE THE DECK A MAXIMUM OF 1-1/4 INCHES.	1122.	CONTRACTOR SHALL CONNECT EACH POLE GROUNDING SYSTEM IMMEDIATELY AFTER THE POLE HAS BEEN PLACED. NO METAL POLE SHALL BE LEFT UNGROUNDED AFTER IT HAS BEEN PLACED ON ITS FOUNDATION.	1136.	UNDERGROUND CONDUIT (PAY ITEM 729-I) SHALL / MAY BE INSTALLED BY VIBRATORY PLOWING METHOD UNLESS OTHERWISE INDICATED ON THE PLANS.	
1111.	ALL CONDUIT(S) MOUNTED UNDER THE BRIDGE DECK SHALL BE STRAPPED TO THE BRIDGE DECK IN FIVE (5) FOOT MAXIMUM INTERVALS.	1123.	COMMBOXES THAT ARE TO BE PLACED ALONG ROADWAYS SHALL HAVE A MINIMUM CLEARANCE OF TEN (10) FEET FROM THE EDGE OF THE PAVED SHOULDER AND FIFTEEN (15) FEET FROM THE EDGE OF PAVEMENT WHERE NO PAVED SHOULDER IS PRESENT, UNLESS OTHERWISE APPROVED BY THE ENGINEER. NO COMMBOXES SHALL BE BURIED OR PLACED WITHIN SIDEWALKS, SWALES, DRAINAGE AREAS, OR UNDER ITS DEVICES AND CABINETS.	1137.	UNDERGROUND CONDUIT (PAY ITEM 729-I) MAY BE INSTALLED BY OPEN TRENCHING METHOD FOR CONDUIT RUNS OF LESS THAN 100 FEET.	
		1124.	THE VERTICAL SEPARATION BETWEEN FIBER CABLE AND ELECTRICAL LINES AT POLE ATTACHMENTS SHALL MEET ALL PROVISIONS OF THE NATIONAL ELECTRIC SAFETY CODE (NESC), CURRENT EDITION, REGARDING CLEARANCES FROM ELECTRIC LINES.	1138.	WARNING TAPE SHALL BE REQUIRED FOR UNDERGROUND CONDUIT (PAY ITEM 729-I) INSTALLED BY OPEN TRENCHING METHOD.	
		1125.	REQUIRED STRAPPING OF FIBER OPTIC CABLE TO MESSENGER CABLE SHALL BE LOCATED A MAXIMUM OF FIVE (5) FEET ON CENTER.	1139.	WARNING TAPE SHALL NOT BE REQUIRED FOR UNDERGROUND CONDUIT (PAY ITEM 729-I) INSTALLED BY OPEN TRENCHING METHOD, PRECISION DIRECTIONAL BORING METHOD, OR VIBRATORY PLOWING METHOD UNLESS OTHERWISE SHOWN ON THE PLANS.	
				1140.	IF WARNING TAPE (PAY ITEM 729I-810) IS NOT INCLUDED IN THE PLANS, THE COST OF THE WARNING TAPE SHALL PAID FOR AS A SUBSIDIARY OF UNDERGROUND CONDUIT (729I).	
<div>ALABAMA DEPARTMENT OF TRANSPORTATION</div>				SHEET TITLE		
ITS PLAN NOTES VERSION: 09/10/25 EDITED BY: RICHARD L. CAUDLE, P.E.				ROUTE		
PLAN SUBMITTAL				NOT TO SCALE		
FINAL SUBMITTAL				ITS PLAN NOTES		
PLANS PREPARED BY				VARIOUS		
SKIPPER CONSULTING, INC.						

					REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
					CRPBH-MR24(902)	2026	2-C
<div>INTELLIGENT TRANSPORTATION SYSTEMS (ITS) PLAN NOTES</div> <div>IN THE EVENT CONFLICTS OCCUR BETWEEN THE ITS PLAN NOTES AND THE MUTCD, THE MUTCD WILL GOVERN.</div>							
<div><div></div>NOTES THAT APPLY TO THIS PROJECT.</div> <div><div></div>NOTES THAT WERE EDITED BY DESIGNER.</div>							
<div><div>1143.</div><div>THE REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE. CELLULAR SERVICE SHALL BE COORDINATED WITH THE CITY OF HOOVER TRAFFIC ENGINEER AT (205) 444-7593.</div></div> <div><div>1144.</div><div>THE REQUIRED CAMERA, POSITIONER SHALL BE A WTI VIPER H.265 HIGH DEFINITION IP68 WITHOUT PRESSURIZATION CAMERA WITH SIDEWINDER WALL MOUNT AND A WIT-POE-1 POE MID-SPAN POWER INJECTOR.</div></div>							

GENERAL TRAFFIC CONTROL PLAN NOTES

○ DENOTES NOTES THAT APPLY TO THIS PROJECT

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	2-D

700 THE TRAFFIC CONTROL PLAN IS DEVELOPED IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PART 6, 2009 EDITION. THE TRAFFIC CONTROL DEVICES INDICATED REPRESENT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT ACTUAL PHYSICAL CONDITIONS WARRANT ADDITIONAL TRAFFIC CONTROL DEVICES, THEY SHALL BE INSTALLED IN CONFORMANCE WITH THE M.U.T.C.D. PART 6 AS DIRECTED BY THE ENGINEER. COST SHALL BE PAID FOR UNDER THE APPROPRIATE PAY ITEM.

701 ALL BLACK ON ORANGE CONSTRUCTION SIGNS SHALL BE FABRICATED USING TYPE XI FLUORESCENT ORANGE REFLECTIVE SHEETING MATERIAL FOR THE SIGN BACKGROUND.

702 DURING NON-WORKING HOURS NO EQUIPMENT OR MATERIAL SHALL BE PARKED OR STORED CLOSER THAN 30 FEET TO THE EDGE OF ANY ROADWAY CARRYING TRAFFIC. WHEN THIS IS NOT PRACTICAL, IT SHALL BE PLACED IN AN AREA APPROVED BY THE ENGINEER AND DELINEATED BY REFLECTORIZED DRUMS. THIS INCLUDES STORAGE OF TRAFFIC CONTROL DEVICES SUCH AS TRAILER MOUNTED OR OTHER TEMPORARY SIGNS, BARRICADES, DRUMS, ETC., WHICH ARE NOT IN USE DURING NON-WORKING HOURS. TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT. (SEE SKETCH ON SHEET 52)

703 WHERE THE LOCATION OF A REQUIRED SIGN FALLS IN A DRIVEWAY, SIDEWALK, BRIDGE, ETC., OR WHERE THE VISIBILITY OF A SIGN IS LIMITED TO THE TRAVELING PUBLIC, THE LOCATION SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.

704 THE CONTRACTOR IS TO REMOVE, RELOCATE OR COVER DURING CONSTRUCTION AND THEN RESET OR UNCOVER UPON COMPLETION OF A PARTICULAR SECTION ANY CONFLICTING IN-PLACE ROADWAY SIGNS AND DELINEATORS, AS DIRECTED BY THE ENGINEER. SIGNS REQUIRING REMOVAL SHALL BE STOCKPILED AS DIRECTED BY THE ENGINEER AND SHALL BECOME PROPERTY OF THE ALDOT. COST SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B.

705 DURING ALL PHASES OF WORK, NON-APPLICABLE PAVEMENT STRIPING OR MARKINGS SHALL BE REMOVED AND APPROPRIATE PAVEMENT STRIPING OR MARKINGS SHALL BE PLACED AS EXPEDITIOUSLY AS PRACTICAL, BUT IN ALL CASES, SHALL BE IN PLACE BY NIGHTFALL ON ANY ROADWAY CARRYING TRAFFIC, EXCEPT ON SHORT TERM OPERATIONS WHERE IT IS DETERMINED BY THE ENGINEER, THAT SUCH REMOVAL AND REPLACEMENT IS MORE HAZARDOUS THAN LEAVING EXISTING MARKINGS IN PLACE. COST OF ANY REMOVAL SHALL BE PAID FOR UNDER ITEM 701D OR AS A SUBSIDIARY OBLIGATION OF ITEM 701C.

706 OMITTED

707 THE CONTRACTOR SHALL PLACE ALL ADVANCE WARNING SIGNS BEFORE PROCEEDING WITH HIS WORK. SIGNS SHALL BE PLACED IN ORDER, IN THE DIRECTION OF TRAFFIC AND REMOVED IN REVERSE ORDER.

708 ALL VEHICLES, EQUIPMENT, PERSONNEL (EXCEPT FLAGGERS), AND THEIR ACTIVITIES, ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.

709 THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS TO BUSINESSES AND RESIDENCES DURING ALL PHASES OF CONSTRUCTION.

710 CONSTRUCTION SIGNS MOUNTED ON TEMPORARY SUPPORTS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5 FEET.

711 FLAGGERS SHALL BE PROPERLY ATTIRED, EQUIPPED WITH STAFF MOUNTED STOP/SLOW PADDLES IN SIGHT OF EACH OTHER, OR HAVE DIRECT COMMUNICATION AT ALL TIMES. FLAGGER STATION LOCATION MAY BE VARIED FROM THOSE SHOWN BASED ON ROADWAY ALIGNMENT AND CONDITIONS AT THE TIME OF THE LANE CLOSURE.

712 FLAGGERS ARE TO BE USED WHEN DIRECTED BY THE ENGINEER. SIGNS SHALL BE PLACED AT THE APPROPRIATE TIME, AND SHALL BE COVERED OR REMOVED WHEN FLAGGERS ARE NOT ON DUTY AND DURING NON-WORKING HOURS.

713 FOR MOVING OPERATIONS, THE TRAFFIC CONES MAY BE DELETED IF THE FLAGGERS ARE IN SIGHT OF EACH OTHER, OR IF A PILOT CAR IS USED ON A TWO LANE ROADWAY.

714 OMITTED

715 ALL CONTRACTOR'S EMPLOYEES' PERSONAL VEHICLES, AND CONTRACTOR'S EQUIPMENT NOT IN OPERATION, SHALL BE PARKED A MINIMUM OF THIRTY (30) FEET FROM THE TRAVELED WAY DURING WORKING HOURS, AS NOT TO CREATE A HAZARD.

716 THE TRAFFIC CONTROL PLAN IS NOT ALL INCLUSIVE. THE TCP PROVIDES SEVERAL DETAILED DRAWINGS INDICATING THE TRAFFIC CONTROL NECESSARY FOR THE DIFFERENT CONSTRUCTION ACTIVITIES ANTICIPATED FOR THIS PROJECT. THE CONTRACTOR SHALL SELECT THE DETAILED DRAWING THAT BEST FITS THE ACTIVITY TO BE PERFORMED.

717 OMITTED

718 REQUIRED TEMPORARY ROUTE MARKER ASSEMBLIES THAT ARE TO BE LOCATED IN THE VICINITY OF EXISTING ROUTE MARKERS SHOULD BE PLACED ALONG SIDE OF THOSE ALREADY IN PLACE. SOME EXISTING ROUTE MARKERS MAY HAVE TO BE COVERED OR REMOVED, AS DIRECTED BY THE ENGINEER. COST SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B.

719 RA-1 (REBUILD ALABAMA) SIGNS SHALL BE REQUIRED FOR EVERY PROJECT. RA-1 SIGNS SHALL BE PLACED AT THE BEGINNING OF THE WORK LIMITS OF THE SUBJECT PROJECT ROUTE. RA-1 SIGNS SHALL BE POSTED ON THE RIGHT-HAND SIDE OF THE ROADWAY ON THEIR OWN SUPPORT SYSTEM. THE RA-1 SIGNS SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.

720 ALL TRAFFIC CONTROL DEVICES THAT ARE NOT APPLICABLE AT ANY SPECIFIC TIME SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

721 OMITTED

722 OMITTED

723 THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE SAFETY OF PEDESTRIAN TRAFFIC CROSSING THE WORK ZONES DURING CONSTRUCTION.

724 OMITTED

725 ALL SIGNS SHALL BE POST-MOUNTED IF THE WORK PERIOD EXCEEDS FOUR DAYS, EXCEPT FOR THOSE SIGNS WHICH ARE MOUNTED ON BARRICADES. FOR REPEATED DAY OPERATIONS, SIGNS MAY BE MOUNTED ON TEMPORARY SUPPORTS AND REMOVED AT THE COMPLETION OF THE DAY'S OPERATION.

726 W8 SIGNS INTENDED TO WARN MOTORISTS OF SURFACE CONDITIONS EXTENDING FOR GREATER THAN 1 MILE SHALL BE PLACED PRIOR TO THE BEGINNING OF SURFACE CONDITION AND AT 1 MILE INCREMENTS THEREAFTER, WITH THE EXCEPTION SPECIFIED IN NOTE 727.

727 DURING THE WIDENING OR RESURFACING OF ANY ROADWAY CARRYING TRAFFIC, THE CONTRACTOR SHALL ADVISE THE MOTORISTS OF ANY EDGE OF PAVEMENT DROP-OFFS 3 INCHES OR GREATER BY PLACING SHOULDER DROP-OFF SIGNS EVERY ½ MILE BEGINNING PRIOR TO THE WIDENING OR RESURFACING. REQUIRED SHOULDER WORK TO ELIMINATE THE DROP-OFFS SHALL BE PURSUED IN AN EXPEDITIOUS MANNER FOLLOWING THE WIDENING AND/OR RESURFACING.

728 A DIFFERENCE IN ELEVATION OF APPROXIMATELY 2 INCHES OR LESS AT THE CENTERLINE MAY BE ALLOWED DURING NON-WORKING HOURS WITHOUT ADDITIONAL TRAFFIC CONTROL. SPECIAL CONDITIONS MAY EXIST WHERE PROTECTION SHOULD BE PROVIDED WHERE THE DIFFERENCE IS 2 INCHES OR LESS.

729 SIGNS ON TEMPORARY SUPPORTS ARE TO BE REMOVED OR COVERED WHEN NO WORK IS BEING PERFORMED OR AT THE COMPLETION OF THE DAY'S OPERATION.

730 OMITTED

731 OMITTED

732 CHANNELIZING DRUMS SHOULD BE PLACED ON 10 FOOT INTERVALS IN RADII.

733 CHANNELIZING DRUMS PLACED TO PROTECT COMPLETED WORK NOT OPEN TO TRAFFIC, SHOULD BE SPACED AT 50 FOOT INTERVALS.

734 CHANNELIZING DRUMS PLACED IN THE EXCAVATED AREA AHEAD OF PAVING OPERATIONS, SHOULD BE SPACED AT 50 FOOT INTERVALS.

735 CHANNELIZING DRUMS PLACED ON PAVEMENT DURING WORKING HOURS SHALL BE SHIFTED TO THE EDGE OF SHOULDER DURING NON-WORKING HOURS AND DURING PEAK PERIODS.

736 CHANNELIZING DRUMS SHOULD BE PLACED ON 25 FOOT INTERVALS THROUGHOUT ALL TAPERS.

737 CHANNELIZING DEVICES SHALL EXTEND TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.

738 OMITTED

739 OMITTED

740 OMITTED

741 FOR DIVIDED ROADWAYS, THE REQUIRED ADVANCE WARNING SIGNS SHALL BE POSTED ON BOTH THE RIGHT AND LEFT SIDE OF THE ROADWAY.

742 THE CONTRACTOR SHALL CLOSE THE LANE ADJACENT TO THE WORK AREA ANYTIME WORK OUTSIDE THE EXISTING TRAVEL LANES ENCROACHES WITHIN 2 FEET OF THE EXISTING EDGE OF PAVEMENT.

743 OMITTED

744 THE TRANSITION TAPER LENGTH (L) IS SHOWN IN TABLE 6C-4, AND THE BUFFER LENGTH IS SHOWN IN TABLE 6C-2 OF THE MUTCD, PART 6, 2009 EDITION.

745 OMITTED

746 UNEVEN LANES SIGNS SHALL BE COVERED OR REMOVED WHEN NO UNEVEN PAVEMENT CONDITIONS EXIST.

747 MOVING OPERATIONS SHALL BE CONFINED TO ONE LANE IN THE DIRECTION OF TRAFFIC.

748 R16-3 (WHEN WORKERS ARE PRESENT BEGIN HIGHER FINES) AND R16-3A (END HIGHER FINES) SIGNS SHALL BE REQUIRED FOR EVERY PROJECT ON STATE ROUTES AND INTERSTATE HIGHWAYS. THESE SIGNS SHALL BE POSTED AT THE BEGINNING AND END OF THE PROJECT WITH AN R2-1 (REGULATORY SPEED SIGN) ALWAYS FOLLOWING THE R16-3 SIGN. R16-3B (HIGHER FINES ZONE) AND R2-1 SIGNS SHALL BE POSTED AT MAXIMUM INTERVALS OF THREE MILES THROUGHOUT THE PROJECT LIMITS.

749 WHEN A CONSTRUCTION WORK ZONE SPEED LIMIT REDUCTION IS NOT REQUIRED AT THE END OF THE WORK DAY, THE CONTRACTOR SHALL COVER OR REMOVE THE REDUCED R2-1 (REGULATORY SPEED SIGNS) AND THE W3-5B (REDUCED SPEED AHEAD) SIGNS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

750 DURING REPLACEMENT OF GUARDRAIL AND/OR GUARDRAIL END ANCHORS, A REFLECTORIZED DRUM SHALL BE PLACED BEFORE THE END OF ANY EXPOSED GUARDRAIL AT NIGHT WHERE THE GUARDRAIL END ANCHOR CANNOT BE REPLACED IN ONE DAY'S TIME.

751 CONSTRUCTION SIGNS MOUNTED ON A SINGULAR OR DUAL SQUARE TUBULAR OR U-CHANNEL POST SHALL BE INSTALLED AS SHOWN ON SPECIAL DRAWING NOS. IHS-710-21 AND IHS-710-23.

752 THE CONTRACTOR AND THE CONSTRUCTION ENGINEER SHALL DISCUSS AND PLAN FOR THE HANDLING OF TRAFFIC FOR ALL HOLIDAYS BEFORE ANY WORK BEGINS. UNLESS OTHERWISE PRE-APPROVED BY THE REGION ENGINEER, THE FOLLOWING SHALL HOLD:

THE CONTRACTOR SHALL NOT HAVE A LANE CLOSURE DURING THE FOLLOWING PERIODS UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR ALDOT:

FOR CHRISTMAS AND NEW YEARS DAY:
FROM 11:59 PM DECEMBER 23 THROUGH 6:00 AM JANUARY 2.

FOR NATIONAL MEMORIAL DAY AND LABOR DAY:
FROM 12:00 NOON THE FRIDAY BEFORE THE HOLIDAY THROUGH 11:59 PM THE DAY OF THE HOLIDAY.

FOR INDEPENDENCE DAY (THE 4TH OF JULY):
FROM 12:00 NOON THE DAY BEFORE THE HOLIDAY THROUGH 11:59 PM THE DAY OF THE HOLIDAY.

FOR THANKSGIVING DAY:
FROM 12:00 NOON THE WEDNESDAY BEFORE THANKSGIVING DAY THROUGH 11:59 PM THE SUNDAY FOLLOWING THANKSGIVING DAY.

ANY OTHER STATE HOLIDAYS WILL BE HANDLED AS APPROVED BY THE PROJECT ENGINEER.

THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND LOCAL GOVERNMENT ON TRAFFIC AND/OR WORK RESTRICTIONS FOR LOCAL HOLIDAYS OR EVENTS NOT LISTED ON ALDOT'S LIST OF OFFICIAL STATE HOLIDAYS.

NOT TO SCALE

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

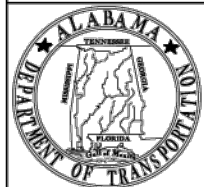
SPECIAL DRAWING NO

INDEX NO

GENERAL TRAFFIC CONTROL
PLAN NOTES

SPECIAL PROJECT DETAIL

2000



ALABAMA DEPARTMENT
OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

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REVISIONS:
1. Modified Note 748 for the addition of the R13-3b sign on 9-28-2021 by D.J.W.
2. Aligned text for Note 746 on 12-8-2021 by D.J.W.

Bureau Std Engr: D.J.W.
DRAWN BY: _____
DATE DRAWN: _____
REVISED DATE: 12-8-2021

DESIGN BUREAU SPECIAL DRAWING

SUMMARY OF QUANTITIES										REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO	
										CRPBH-MR24(902)	2026	3	
TOTAL	PAY ITEM	UNIT	DESCRIPTION										
1	600A-000	LUMP SUM	MOBILIZATION										
1	698A-000	LUMP SUM	CONSTRUCTION FUEL (MAXIMUM BID LIMITED TO \$41,000)										
14	729C-200	EACH	NETWORK DEVICE, CELLULAR MODEM										
4	729D-102	EACH	CAMERA, POSITIONER										
1	730A-012	LUMP SUM	REMOVAL OF EXISTING TRAFFIC CONTROL UNIT (PARTIAL) (CONTROLLER, TRAFFIC SIGNAL HEADS, AND SIGNS)										
1	730A-013	LUMP SUM	REMOVAL OF EXISTING TRAFFIC CONTROL UNIT (PARTIAL) (TRAFFIC SIGNAL HEADS AND SIGNS)										
1	730A-014	LUMP SUM	REMOVAL OF EXISTING TRAFFIC CONTROL UNIT (PARTIAL) (TRAFFIC SIGNAL HEADS)										
1	730C-000	LUMP SUM	FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (CONDUCTORS, SIGNS, AND MISC. HARDWARE)										
1	730C-001	LUMP SUM	FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (MISC. HARDWARE)										
1	730D-045	LUMP SUM	FURNISHING AND INSTALLING ADVANCED TRAFFIC MANAGEMENT SYSTEM										
56	730P-022	EACH	VEHICULAR SIGNAL HEAD, 12 INCH, 3 SECTION, TYPE LED										
56	730P-023	EACH	VEHICULAR SIGNAL HEAD, 12 INCH, 4 SECTION, TYPE LED										
23	730Q-030	EACH	MISCELLANEOUS EQUIPMENT, MALFUNCTION MANAGEMENT UNIT										
11	730R-041	EACH	CONTROLLER ASSEMBLY, TYPE NEMA, 16 CHANNELS										
18	730R-151	EACH	CONTROLLER UNIT, TYPE NEMA										
1	730U-400	LUMP SUM	RADAR DETECTION SYSTEM (SITE 1 - CALDWELL MILL ROAD AT COUNTY ROAD 14)										
1	730U-401	LUMP SUM	RADAR DETECTION SYSTEM (SITE 2 - CALDWELL MILL ROAD AT INDIAN CREST DRIVE)										
1	730U-402	LUMP SUM	RADAR DETECTION SYSTEM (SITE 3 - VALLEYDALE ROAD AT CALDWELL MILL ROAD)										
1	730U-403	LUMP SUM	RADAR DETECTION SYSTEM (SITE 4 - VALLEYDALE ROAD AT INDIAN VALLEY ROAD)										
1	730U-404	LUMP SUM	RADAR DETECTION SYSTEM (SITE 5 - VALLEYDALE ROAD AT PUBLIX/WAL-MART)										
1	730U-405	LUMP SUM	RADAR DETECTION SYSTEM (SITE 6 - VALLEYDALE ROAD AT BUCKTON ROAD/JEFFERSON STATE)										
1	730U-406	LUMP SUM	RADAR DETECTION SYSTEM (SITE 7 - VALLEYDALE ROAD AT MEADOW DRIVE)										
1	730U-407	LUMP SUM	RADAR DETECTION SYSTEM (SITE 15 - COUNTY ROAD 87 AT I-65 SOUTHBOUND RAMPS)										
1	730U-408	LUMP SUM	RADAR DETECTION SYSTEM (SITE 16 - COUNTY ROAD 87 AT COUNTY ROAD 12)										
472	740B-000	SQUARE FEET	CONSTRUCTION SIGNS										
100	740D-000	EACH	CHANELIZING DRUMS										
100	740E-000	EACH	CONES (36 INCHES HIGH)										
100	740M-001	EACH	BALLAST FOR CONE										
2	741C-010	EACH	PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT										
88	745A-000	HOURL	UNIFORMED POLICE OFFICER										

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	3-A

TRAFFIC SIGNAL PAY ITEMS (LUMP SUM) (SHEET 1 OF 2)

SHEET NUMBER	SITE NUMBER	DESCRIPTION	REMOVAL OF EXISTING TRAFFIC CONTROL UNIT (PARTIAL) (CONTROLLER, TRAFFIC SIGNAL HEADS, AND SIGNS)	REMOVAL OF EXISTING TRAFFIC CONTROL UNIT (PARTIAL) (TRAFFIC SIGNAL HEADS AND SIGNS)	REMOVAL OF EXISTING TRAFFIC CONTROL UNIT (PARTIAL) (TRAFFIC SIGNAL HEADS)	FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (CONDUCTORS, SIGNS, AND MISC. HARDWARE)	FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (MISC. HARDWARE)	DRAWING NUMBERS
		LOCATION	730A-012	730A-013	730A-014	730C-000	730C-001	
			LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	
4	1	CALDWELL MILL ROAD AT COUNTY ROAD 14	X			X		A,C,D,E,F
5	2	CALDWELL MILL ROAD AT INDIAN CREST DRIVE	X			X		A,C,D,E,F
6	3	VALLEYDALE ROAD AT CALDWELL MILL ROAD	X			X		A,C,D,E,F
7	4	VALLEYDALE ROAD AT INDIAN VALLEY ROAD	X			X		A,C,D,E,F
8	5	VALLEYDALE ROAD AT PUBLIX/WAL-MART	X			X		A,C,D,E,F
9	6	VALLEYDALE ROAD AT BUCKTON ROAD/ JEFFERSON STATE	X			X		A,C,D,E,F
10	7	VALLEYDALE ROAD AT MEADOW DRIVE	X			X		A,C,D,E,F
11	8	VALLEYDALE ROAD AT BUSINESS CENTER DRIVE	X			X		A,C,D,E,F
12	9	COUNTY ROAD 52 AT COUNTY ROAD 93					X	
13	10	KENT DAIRY ROAD AT WARRIOR DRIVE		X		X		A,E
14	11	THOMPSON ROAD AT WARRIOR DRIVE		X		X		A,E
15	12	COUNTY ROAD 95 AT COUNTY ROAD 44		X		X		A,E
16	13	COUNTY ROAD 44 AT 1st STREET			X	X		B,E
17	14	COUNTY ROAD 11 AT COUNTY ROAD 68		X		X		A,E
18	15	COUNTY ROAD 87 AT I-65 SOUTHBOUND RAMPs	X			X		A,C,D,E,F
19	16	COUNTY ROAD 87 AT COUNTY ROAD 12	X			X		A,C,D,E,F
20	17	COUNTY ROAD 12 AT COUNTY ROAD 22					X	
21	18	COUNTY ROAD 11 AT COUNTY ROAD 36					X	
22	19	COUNTY ROAD 11 AT COUNTY ROAD 280					X	
23	20	COUNTY ROAD 39 AT COUNTY ROAD 47					X	
24	21	COUNTY ROAD 17 AT STATE ROUTE 261	X			X		A,E
25	22	COUNTY ROAD 17 AT COUNTY ROAD 58		X		X		A,E

LEGEND
A. STANDARD DRAWING NO. T.S.D.-730-2 B. STANDARD DRAWING NO. T.S.D.-730-2B C. STANDARD DRAWING NO. T.S.D.-730-10 D. STANDARD DRAWING NO. T.S.D.-730-17 E. STANDARD DRAWING NO. SHS-3 F. STANDARD DRAWING NO. TSOP NO. 30

SKIPPER
CONSULTING INC

3644 VANN ROAD SUITE 100
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SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	3-B

TRAFFIC SIGNAL PAY ITEMS (LUMP SUM) (SHEET 2 OF 2)								
SHEET NUMBER	SITE NUMBER	DESCRIPTION	REMOVAL OF EXISTING TRAFFIC CONTROL UNIT (PARTIAL) (CONTROLLER, TRAFFIC SIGNAL HEADS, AND SIGNS)	REMOVAL OF EXISTING TRAFFIC CONTROL UNIT (PARTIAL) (TRAFFIC SIGNAL HEADS AND SIGNS)	REMOVAL OF EXISTING TRAFFIC CONTROL UNIT (PARTIAL) (TRAFFIC SIGNAL HEADS)	FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (CONDUCTORS, SIGNS, AND MISC. HARDWARE)	FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (MISC. HARDWARE)	DRAWING NUMBERS
			730A-012	730A-013	730A-014	730C-000	730C-001	
		LOCATION	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	
26	23	COUNTY ROAD 95 AT COUNTY ROAD 58		X		X		A,E
27	24	COUNTY ROAD 95 AT COUNTY ROAD 52		X		X		A,E
28	25	VALLEYDALE ROAD AT INVERNESS PLAZA		X		X		B,E
29	26	VALLEYDALE ROAD AT INVERNESS CENTER DRIVE					X	
30	27	VALLEYDALE ROAD AT INVERNESS PARKWAY		X		X		A,E
31	28	VALLEYDALE ROAD AT JAGUAR DRIVE		X		X		A,E
32	29	CALDWELL MILL ROAD AT JAGUAR DRIVE		X		X		B,E
33	30	CALDWELL MILL ROAD AT HEATHERWOOD DRIVE		X		X		A,E
34	31	VALLEYDALE ROAD AT SOUTHLAKE PARKWAY					X	
35	32	VALLEYDALE ROAD AT LOWES		X		X		A,E
36	33	VALLEYDALE ROAD AT I-65 NORTHBOUND RAMPS					X	
37	34	VALLEYDALE ROAD AT I-65 SOUTHBOUND RAMPS					X	
38	35	VALLEYDALE ROAD AT RIVERCHASE PARKWAY					X	
39	36	OLD MONTGOMERY HIGHWAY AT ARBOR HILLS PARKWAY		X		X		B,E
40	37	OLD MONTGOMERY HIGHWAY AT RIVERCHASE PARKWAY		X		X		B,E
41	38	COUNTY ROAD 52 AT HUNTLEY PARKWAY		X		X		A,E
42	39	COUNTY ROAD 52 AT McCain PARKWAY		X		X		A,E
43	40	COUNTY ROAD 52 AT I-65 SOUTHBOUND RAMPS		X		X		A,E
44	41	COUNTY ROAD 52 AT COUNTY ROAD 33		X		X		A,E
45	42	COUNTY ROAD 11 AT COUNTY ROAD 52		X		X		A,E
46	43	COUNTY ROAD 33 AT WORD DRIVE		X		X		A,E
47	44	COUNTY ROAD 11 AT WEATHERLY CLUB DRIVE		X		X		A,E
TOTALS			1	1	1	1	1	


TRAFFIC SIGNAL PAY ITEMS (LUMP SUM)			
SHEET NUMBER	SITE NUMBER	DESCRIPTION	FURNISHING AND INSTALLING ADVANCED TRAFFIC MANAGEMENT SYSTEM
			730D-045
		LOCATION	LUMP SUM
6	3	VALLEYDALE ROAD AT CALDWELL MILL ROAD	X
7	4	VALLEYDALE ROAD AT INDIAN VALLEY ROAD	X
8	5	VALLEYDALE ROAD AT PUBLIX/WAL-MARY	X
9	6	VALLEYDALE ROAD AT BUCKTON ROAD/ JEFFERSON STATE	X
10	7	VALLEYDALE ROAD AT MEADOW DRIVE	X
11	8	VALLEYDALE ROAD AT BUSINESS CENTER DRIVE	X
28	25	VALLEYDALE ROAD AT INVERNESS PLAZA	X
29	26	VALLEYDALE ROAD AT INVERNESS CENTER DRIVE	X
30	27	VALLEYDALE ROAD AT INVERNESS PARKWAY	X
31	28	VALLEYDALE ROAD AT JAGUAR DRIVE	X
32	29	CALDWELL MILL ROAD AT JAGUAR DRIVE	X
33	30	CALDWELL MILL ROAD AT HEATHERWOOD DRIVE	X
39	36	OLD MONTGOMERY HIGHWAY AT ARBOR HILLS PARKWAY	X
40	37	OLD MONTGOMERY HIGHWAY AT RIVERCHASE PARKWAY	X
TOTALS			1

LEGEND

- A. STANDARD DRAWING NO. T.S.D.-730-2
B. STANDARD DRAWING NO. T.S.D.-730-2B
C. STANDARD DRAWING NO. T.S.D.-730-10
D. STANDARD DRAWING NO. T.S.D.-730-17
E. STANDARD DRAWING NO. SHS-3
F. STANDARD DRAWING NO. TSOP NO. 30

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		PLAN SUBMITTAL		ALABAMA DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	SHEET TITLE	ROUTE
		FINAL SUBMITTAL				SUMMARY OF QUANTITIES	VARIOUS

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	3-C

TRAFFIC SIGNAL PAY ITEMS								
SHEET NUMBER	SITE NUMBER	DESCRIPTION	VEHICULAR SIGNAL HEAD, 12 INCH, 3 SECTION, TYPE LED	VEHICULAR SIGNAL HEAD, 12 INCH, 4 SECTION, TYPE LED	MISCELLANEOUS EQUIPMENT, MALFUNCTION MANAGEMENT UNIT	CONTROLLER ASSEMBLY, NEMA, 16 CHANNELS	CONTROLLER UNIT, TYPE NEMA	DRAWING NUMBERS
		LOCATION	730P-022	730P-023	730Q-030	730R-041	730R-151	
			EACH	EACH	EACH	EACH	EACH	
4	1	CALDWELL MILL ROAD AT COUNTY ROAD 14	1	1		1		A,C,D,E,F
5	2	CALDWELL MILL ROAD AT INDIAN CREST DRIVE	2	2		1		A,C,D,E,F
6	3	VALLEYDALE ROAD AT CALDWELL MILL ROAD	4	4		1		A,C,D,E,F
7	4	VALLEYDALE ROAD AT INDIAN VALLEY ROAD	1	1		1		A,C,D,E,F
8	5	VALLEYDALE ROAD AT PUBLIX/WAL-MART	4	4		1		A,C,D,E,F
9	6	VALLEYDALE ROAD AT BUCKTON ROAD/ JEFFERSON STATE	2	2		1		A,C,D,E,F
10	7	VALLEYDALE ROAD AT MEADOW DRIVE	2	2		1		A,C,D,E,F
11	8	VALLEYDALE ROAD AT BUSINESS CENTER DRIVE	1	1		1		A,C,D,E,F
12	9	COUNTY ROAD 52 AT COUNTY ROAD 93					1	
13	10	KENT DAIRY ROAD AT WARRIOR DRIVE	1	1	1		1	A,E
14	11	THOMPSON ROAD AT WARRIOR DRIVE	2	2	1		1	A,E
15	12	COUNTY ROAD 95 AT COUNTY ROAD 44	1	1	1		1	A,E
16	13	COUNTY ROAD 44 AT 1st STREET	1	1	1		1	B,E
17	14	COUNTY ROAD 11 AT COUNTY ROAD 68	1	1	1		1	A,E
18	15	COUNTY ROAD 87 AT I-65 SOUTHBOUND RAMPs	1	1		1		A,C,D,E,F
19	16	COUNTY ROAD 87 AT COUNTY ROAD 12	2	2		1		A,C,D,E,F
20	17	COUNTY ROAD 12 AT COUNTY ROAD 22					1	
21	18	COUNTY ROAD 11 AT COUNTY ROAD 36					1	
22	19	COUNTY ROAD 11 AT COUNTY ROAD 280					1	
23	20	COUNTY ROAD 39 AT COUNTY ROAD 47					1	
24	21	COUNTY ROAD 17 AT STATE ROUTE 261	3	3		1		A,E
25	22	COUNTY ROAD 17 AT COUNTY ROAD 58	1	1	1			A,E
26	23	COUNTY ROAD 95 AT COUNTY ROAD 58	1	1	1		1	A,E
SUBTOTAL			31	31	7	11	11	

TRAFFIC SIGNAL PAY ITEMS								
SHEET NUMBER	SITE NUMBER	DESCRIPTION	VEHICULAR SIGNAL HEAD, 12 INCH, 3 SECTION, TYPE LED	VEHICULAR SIGNAL HEAD, 12 INCH, 4 SECTION, TYPE LED	MISCELLANEOUS EQUIPMENT, MALFUNCTION MANAGEMENT UNIT	CONTROLLER ASSEMBLY, TYPE NEMA, 16 CHANNELS	CONTROLLER UNIT, TYPE NEMA	DRAWING NUMBERS
		LOCATION	730P-022	730P-023	730Q-030	730R-041	730R-151	
			EACH	EACH	EACH	EACH	EACH	
27	24	COUNTY ROAD 95 AT COUNTY ROAD 52	1	1	1			A,E
28	25	VALLEYDALE ROAD AT INVERNESS PLAZA	2	2	1		1	B,E
29	26	VALLEYDALE ROAD AT INVERNESS CENTER DRIVE						
30	27	VALLEYDALE ROAD AT INVERNESS PARKWAY	2	2	1		1	A,E
31	28	VALLEYDALE ROAD AT JAGUAR DRIVE	1	1	1		1	A,E
32	29	CALDWELL MILL ROAD AT JAGUAR DRIVE	2	2	1		1	B,E
33	30	CALDWELL MILL ROAD AT HEATHERWOOD DRIVE	2	2	1			A,E
34	31	VALLEYDALE ROAD AT SOUTHLAKE PARKWAY						
35	32	VALLEYDALE ROAD AT LOWES	1	1				A,E
36	33	VALLEYDALE ROAD AT I-65 NORTHBOUND RAMPs						
37	34	VALLEYDALE ROAD AT I-65 SOUTHBOUND RAMPs			1			
38	35	VALLEYDALE ROAD AT RIVERCHASE PARKWAY						
39	36	OLD MONTGOMERY HIGHWAY AT ARBOR HILLS PARKWAY	1	1	1			B,E
40	37	OLD MONTGOMERY HIGHWAY AT RIVERCHASE PARKWAY	2	2	1			B,E
41	38	COUNTY ROAD 52 AT HUNTLEY PARKWAY	2	2	1			A,E
42	39	COUNTY ROAD 52 AT McCain PARKWAY	4	4	1			A,E
43	40	COUNTY ROAD 52 AT I-65 SOUTHBOUND RAMPs	1	1	1			A,E
44	41	COUNTY ROAD 52 AT COUNTY ROAD 33	1	1	1			A,E
45	42	COUNTY ROAD 11 AT COUNTY ROAD 52	1	1	1		1	A,E
46	43	COUNTY ROAD 33 AT WORD DRIVE	1	1	1		1	A,E
47	44	COUNTY ROAD 11 AT WEATHERLY CLUB DRIVE	1	1	1		1	A,E
SUBTOTAL			25	25	16		7	
TOTAL			56	56	23	11	18	

LEGEND	
A. STANDARD DRAWING NO. T.S.D.-730-2	
B. STANDARD DRAWING NO. T.S.D.-730-2B	
C. STANDARD DRAWING NO. T.S.D.-730-10	
D. STANDARD DRAWING NO. T.S.D.-730-17	
E. STANDARD DRAWING NO. SHS-3	
F. STANDARD DRAWING NO. TSOP NO. 30	

SKIPPER

CONSULTING INC

3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	3-D

TRAFFIC SIGNAL PAY ITEMS (LUMP SUM)												
SHEET NUMBER	SITE NUMBER	DESCRIPTION	RADAR DETCTION SYSTEM	RADAR DETCTION SYSTEM	RADAR DETCTION SYSTEM	RADAR DETCTION SYSTEM	RADAR DETCTION SYSTEM	RADAR DETCTION SYSTEM	RADAR DETCTION SYSTEM	RADAR DETCTION SYSTEM	RADAR DETCTION SYSTEM	DRAWING NUMBERS
		LOCATION	730U-400	730U-401	730U-402	730U-403	730U-404	730U-405	730U-406	730U-407	730U-408	
			LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	
4	1	CALDWELL MILL ROAD AT COUNTY ROAD 14	1									A,C,D,E,F
5	2	CALDWELL MILL ROAD AT INDIAN CREST DRIVE		1								A,C,D,E,F
6	3	VALLEYDALE ROAD AT CALDWELL MILL ROAD			1							A,C,D,E,F
7	4	VALLEYDALE ROAD AT INDIAN VALLEY ROAD				1						A,C,D,E,F
8	5	VALLEYDALE ROAD AT PUBLIX/WAL-MART					1					A,C,D,E,F
9	6	VALLEYDALE ROAD AT BUCKTON ROAD/ JEFFERSON STATE						1				A,C,D,E,F
10	7	VALLEYDALE ROAD AT MEADOW DRIVE							1			A,C,D,E,F
18	15	COUNTY ROAD 87 AT I-65 SOUTHBOUND RAMPS								1		A,C,D,E,F
19	16	COUNTY ROAD 87 AT COUNTY ROAD 12									1	A,C,D,E,F

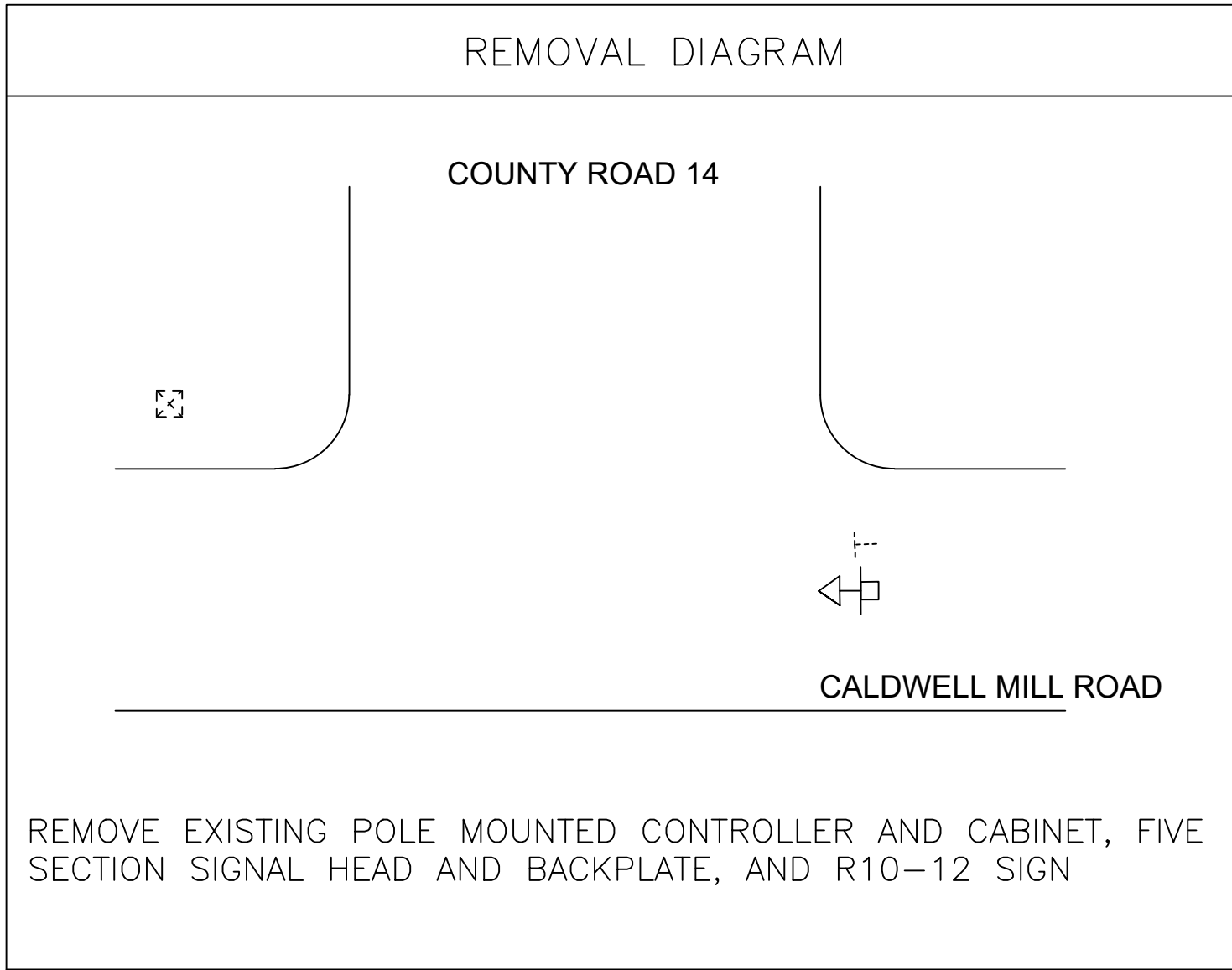
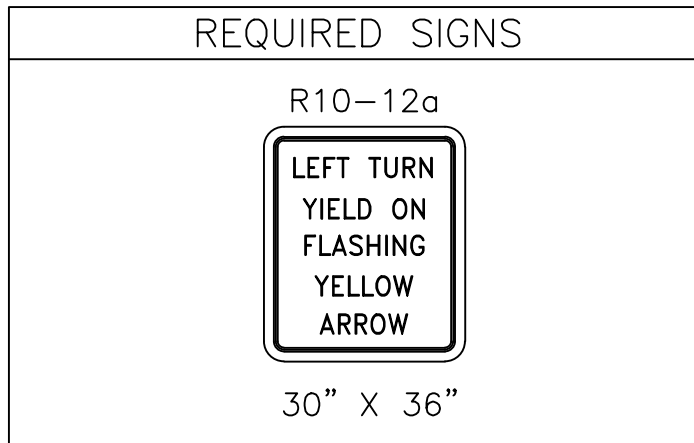
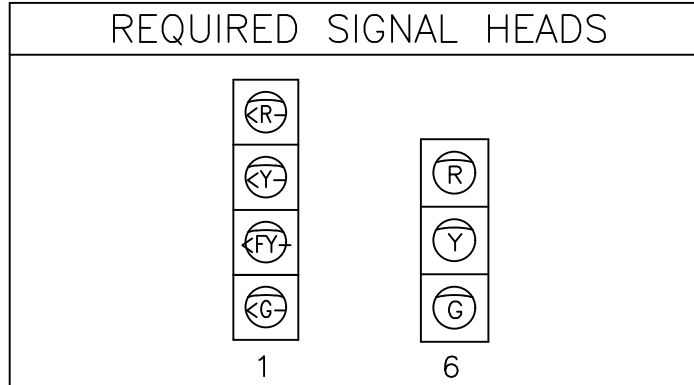
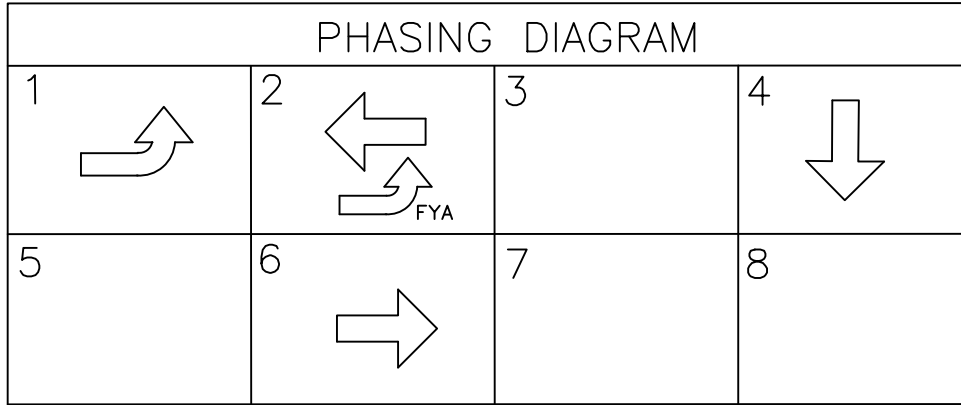
REQUIRED ITS EQUIPMENT AND INFRASTRUCTURE					
SHEET NUMBER	SITE NUMBER	DESCRIPTION	NETWORK DEVICE, CELLULAR MODEM	CAMERA, POSITIONER	DRAWING NUMBERS
		LOCATION	729C-200	729D-102	
			EACH	EACH	
6	3	VALLEYDALE ROAD AT CALDWELL MILL ROAD	1	1	G
7	4	VALLEYDALE ROAD AT INDIAN VALLEY ROAD	1		
8	5	VALLEYDALE ROAD AT PUBLIX/WAL-MART	1		
9	6	VALLEYDALE ROAD AT BUCKTON ROAD/ JEFFERSON STATE	1		
10	7	VALLEYDALE ROAD AT MEADOW DRIVE	1		
11	8	VALLEYDALE ROAD AT BUSINESS CENTER DRIVE	1		
28	25	VALLEYDALE ROAD AT INVERNESS PLAZA	1		
29	26	VALLEYDALE ROAD AT INVERNESS CENTER DRIVE	1	1	G
30	27	VALLEYDALE ROAD AT INVERNESS PARKWAY	1		
31	28	VALLEYDALE ROAD AT JAGUAR DRIVE	1		
32	29	CALDWELL MILL ROAD AT JAGUAR DRIVE	1		
33	30	CALDWELL MILL ROAD AT HEATHERWOOD DRIVE	1		
36	33	VALLEYDALE ROAD AT I-65 NORTHBOUND RAMPS		1	G
37	34	VALLEYDALE ROAD AT I-65 SOUTHBOUND RAMPS		1	G
39	36	OLD MONTGOMERY HIGHWAY AT ARBOR HILLS PARKWAY	1		
40	37	OLD MONTGOMERY HIGHWAY AT RIVERCHASE PARKWAY	1		
TOTALS			14	4	

LEGEND	
A. STANDARD DRAWING NO. T.S.D.-730-2 B. STANDARD DRAWING NO. T.S.D.-730-2B C. STANDARD DRAWING NO. T.S.D.-730-10 D. STANDARD DRAWING NO. T.S.D.-730-17 E. STANDARD DRAWING NO. SHS-3 F. STANDARD DRAWING NO. TSOP NO. 30 G. SPECIAL PROJECT DETAIL - TYPICAL TRAFFIC SIGNAL POLE MOUNT FOR CCTV (SHEET 48)	

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CONSULTING INC

3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	DETECTION CABLE	CONTROLLER	DETECTION SENSORS

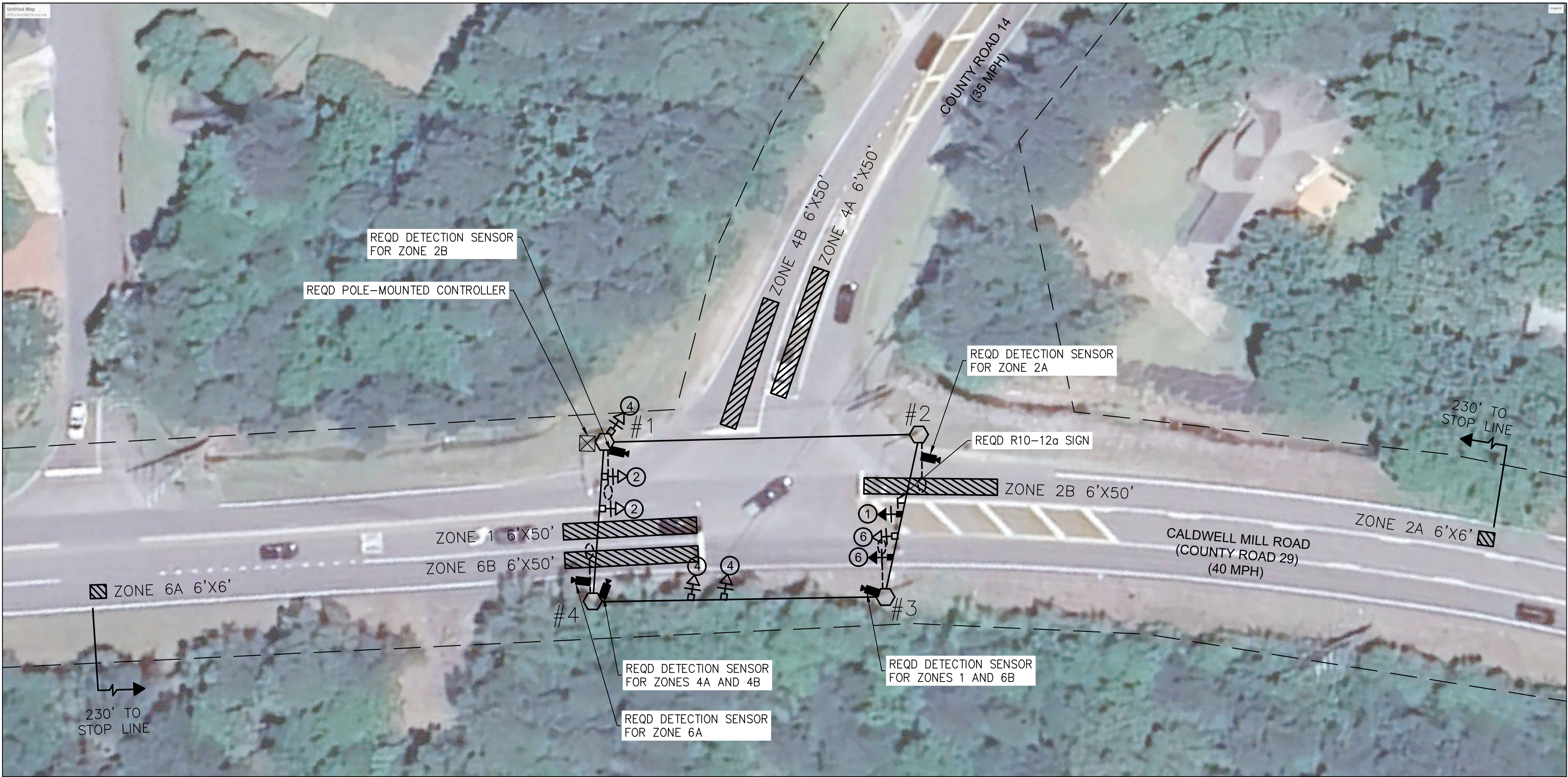


ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

DETECTION ZONE CHART				
ZONE	PHASE	SIZE	COMMENTS	
ZONE 1	1	6'X50'		
ZONE 2A	2	6'X6'	230' TO STOP LINE	
ZONE 2B	2	6'X50'		
ZONE 4A	4	6'X50'		
ZONE 4B	4	6'X50'	DELAY=8 SEC.	
ZONE 6A	6	6'X6'	230' TO STOP LINE	
ZONE 6B	6	6'X50'		

TRAFFIC SIGNAL LAYOUT – SITE 1 CALDWELL MILL ROAD AT COUNTY ROAD 14

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	4

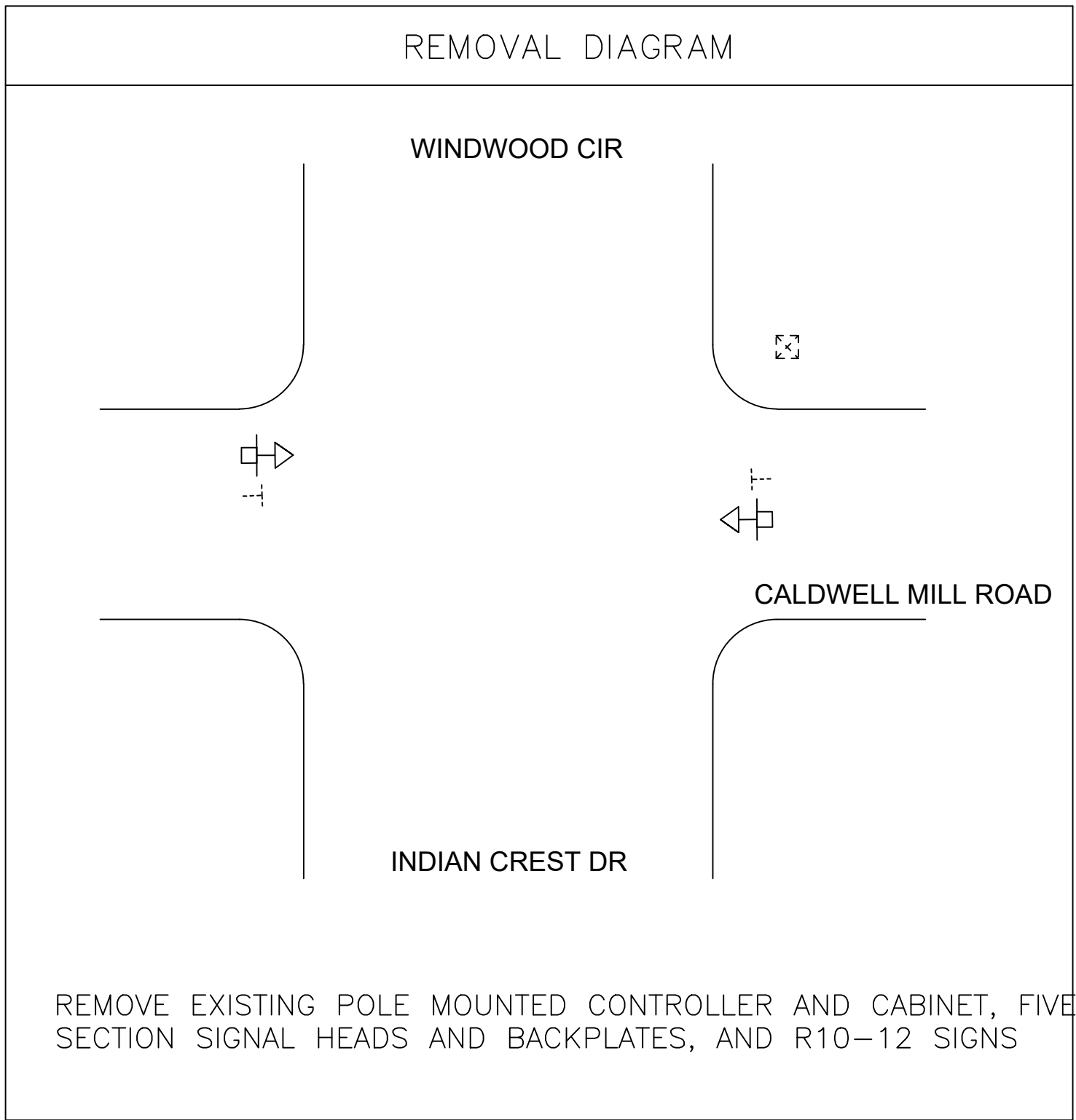
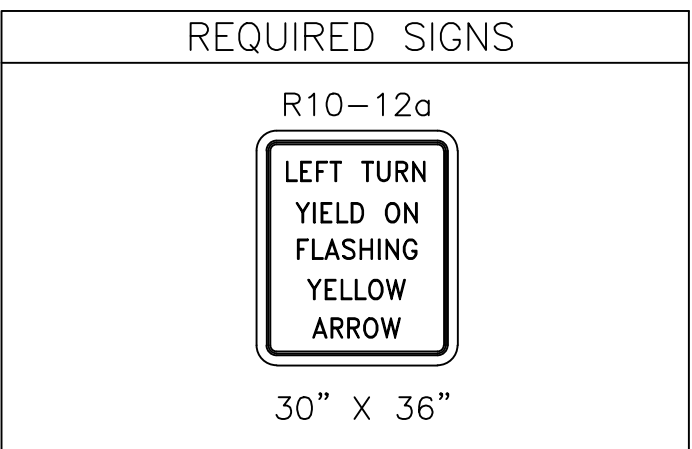
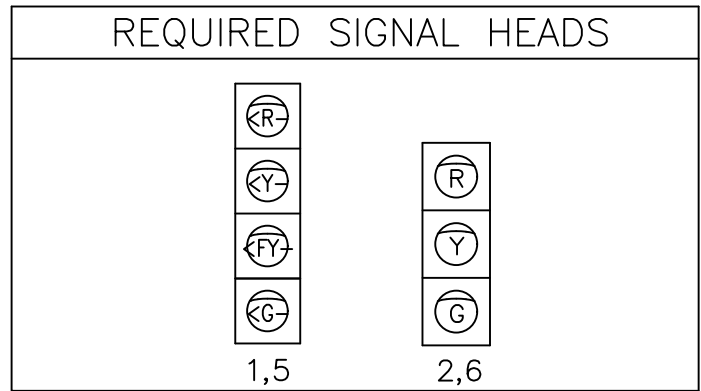
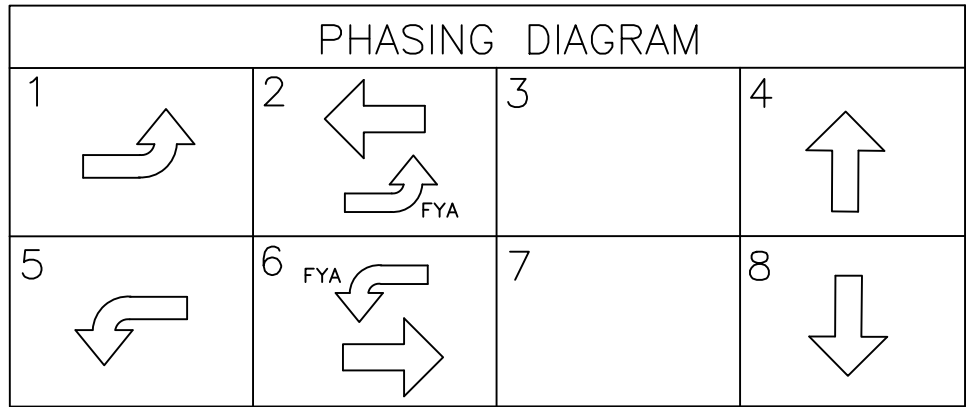


- GENERAL CONSTRUCTION NOTES:
- USE TSOP NO. 30 (INDEX 73084).
 - CONTROLLER SHALL BE ECONOLITE COBALT.
 - DETECTION SYSTEM SHALL BE EITHER A RADAR DETECTION SYSTEM OR A HYBRID RADAR/VIDEO DETECTION SYSTEM ON THE CURRENT ALDOT APL. LOCATION AND AIMING OF DETECTION SENSORS MAY VARY BASED ON MANUFACTURER'S RECOMMENDATIONS.
 - CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.

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CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	30 0 30 60	SHEET TITLE		ROUTE	
						TRAFFIC SIGNAL LAYOUT		CALDWELL MILL ROAD	

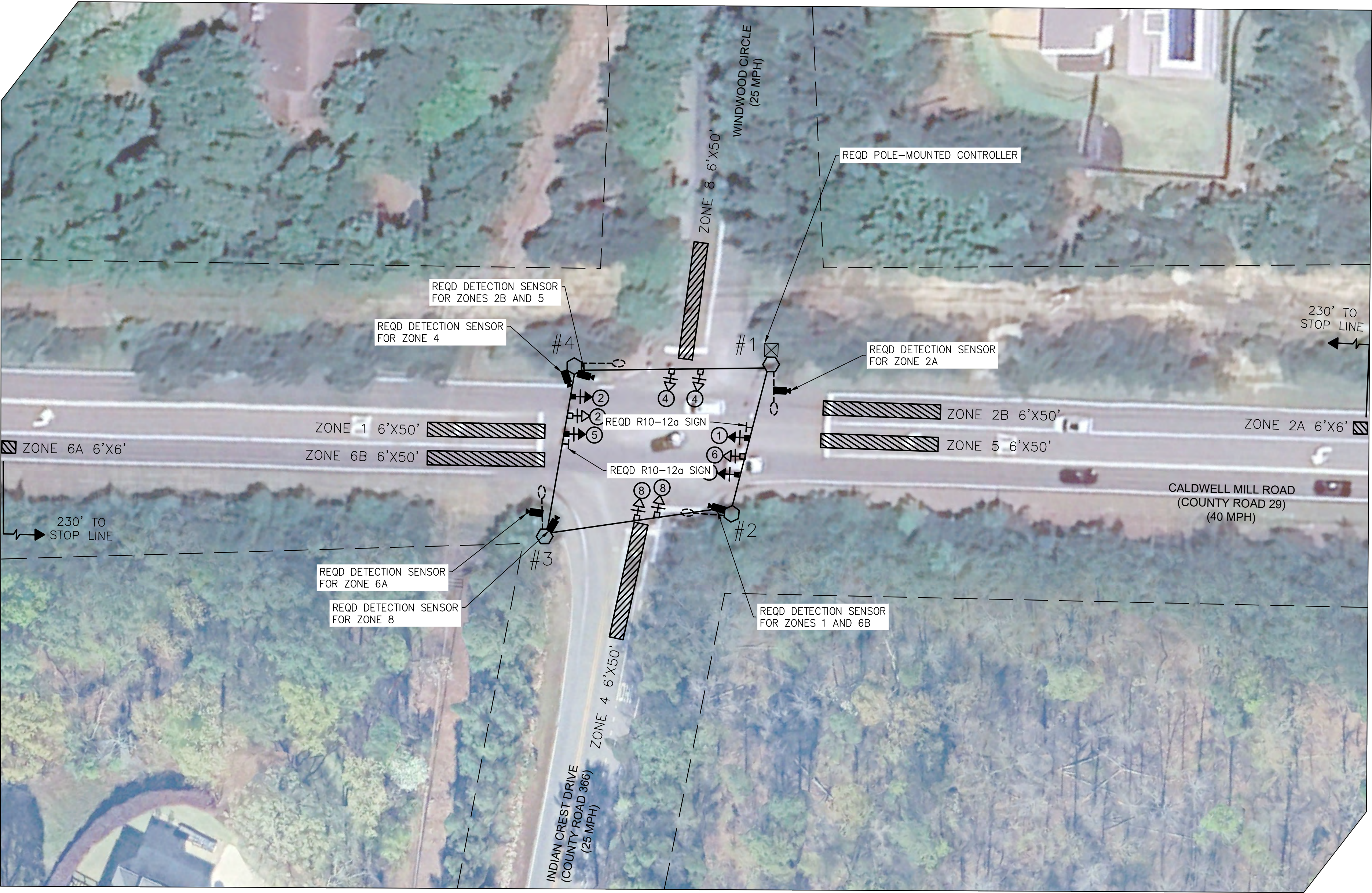
CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2
---	DETECTION CABLE	CONTROLLER	DETECTION SENSORS



TRAFFIC SIGNAL LAYOUT – SITE 2

CALDWELL MILL ROAD AT INDIAN CREST DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	5



- GENERAL CONSTRUCTION NOTES:
- USE TSOP NO. 30 (INDEX 73084).
 - CONTROLLER SHALL BE ECONOLITE COBALT.
 - DETECTION SYSTEM SHALL BE EITHER A RADAR DETECTION SYSTEM OR A HYBRID RADAR/VIDEO DETECTION SYSTEM ON THE CURRENT ALDOT APL. LOCATION AND AIMING OF DETECTION SENSORS MAY VARY BASED ON MANUFACTURER'S RECOMMENDATIONS.
 - CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.

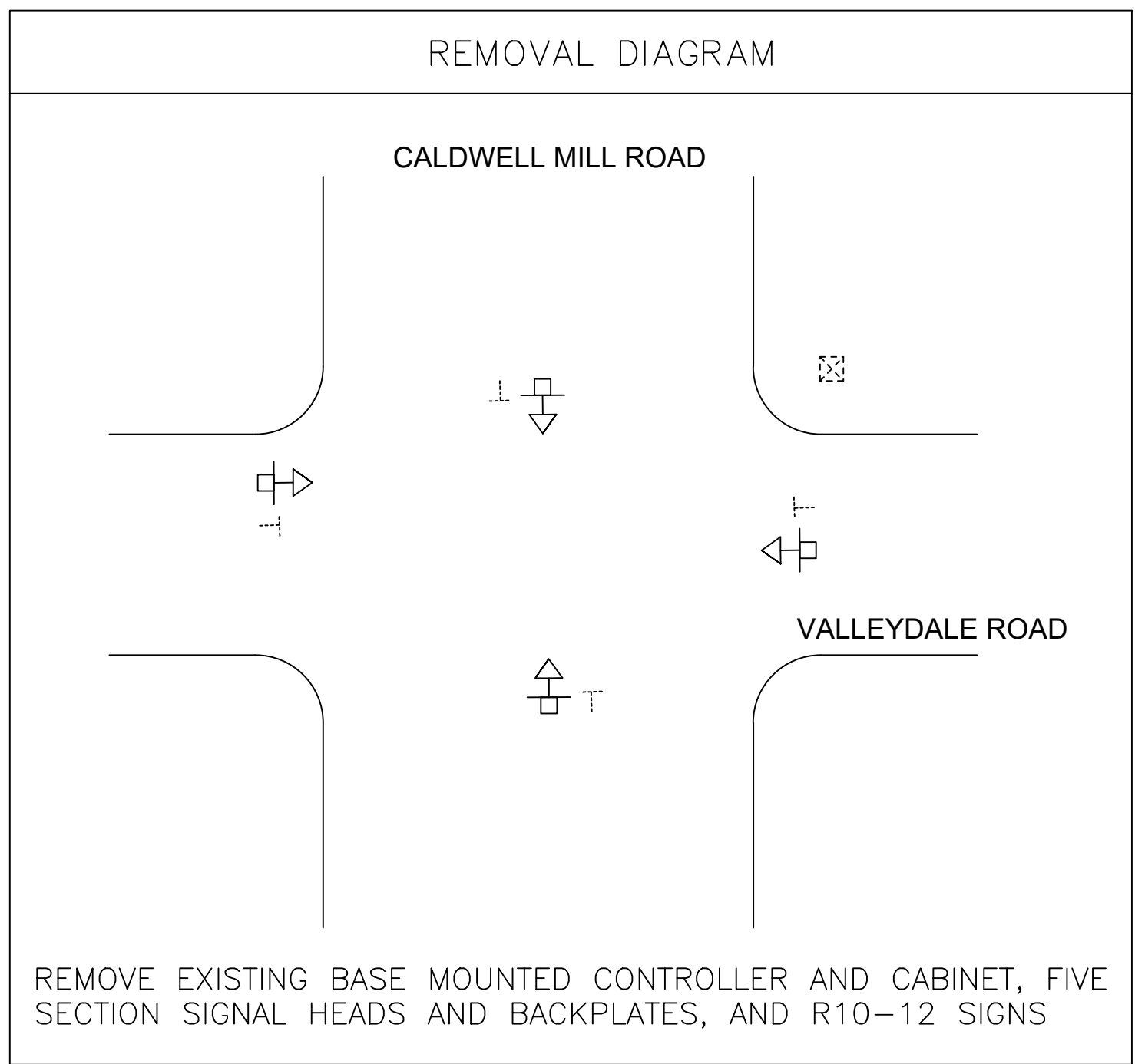
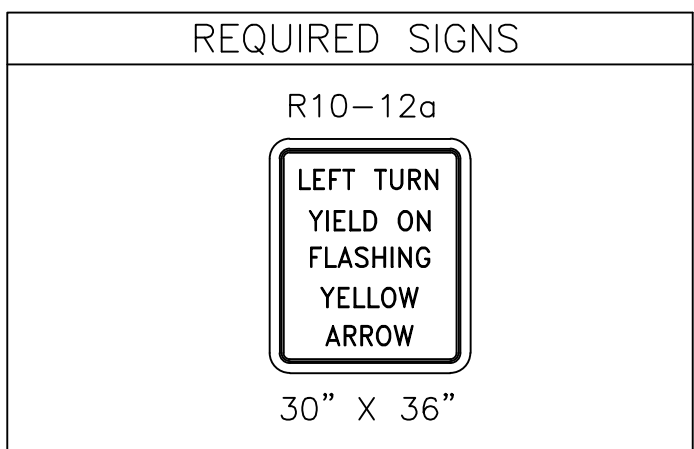
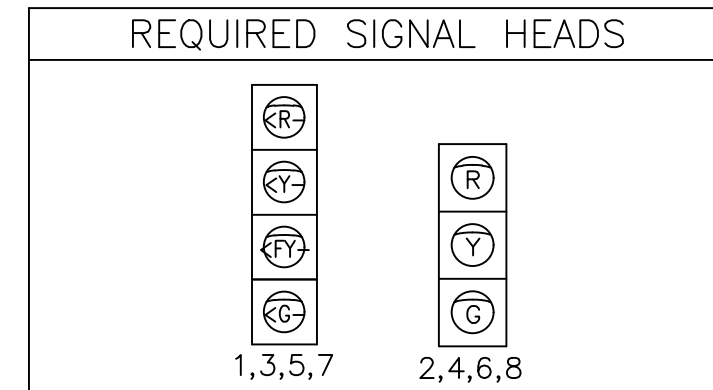
ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

DETECTION ZONE CHART			
ZONE	PHASE	SIZE	COMMENTS
ZONE 1	1	6'X50'	230' TO STOP LINE
ZONE 2A	2	6'X6'	
ZONE 2B	2	6'X50'	
ZONE 4	4	6'X50'	
ZONE 5	5	6'X50'	
ZONE 6A	6	6'X6'	230' TO STOP LINE
ZONE 6B	6	6'X50'	
ZONE 8	8	6'X50'	

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	30 0 30 60	SHEET TITLE		ROUTE	
						TRAFFIC SIGNAL LAYOUT		CALDWELL MILL ROAD	

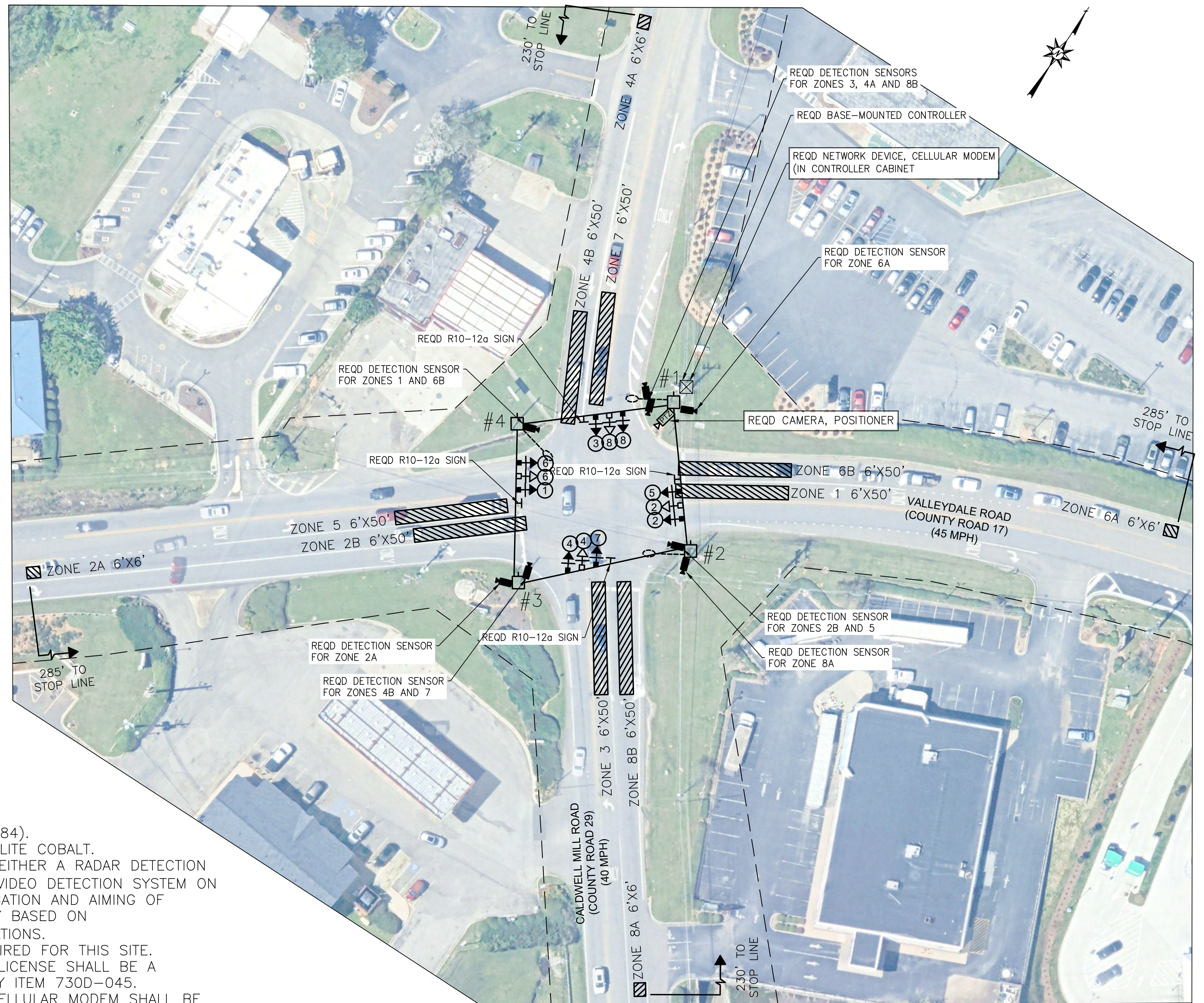
SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
----	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
----	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
----	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
----	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2
----	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #3
----	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #3	SIGNAL HEADS #8
----	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #4
----	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #8	SIGNAL HEADS #7
----	DETECTION CABLE	CONTROLLER	DETECTION SENSORS
----	CAT5E CABLE	CONTROLLER	PTZ CAMERA



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

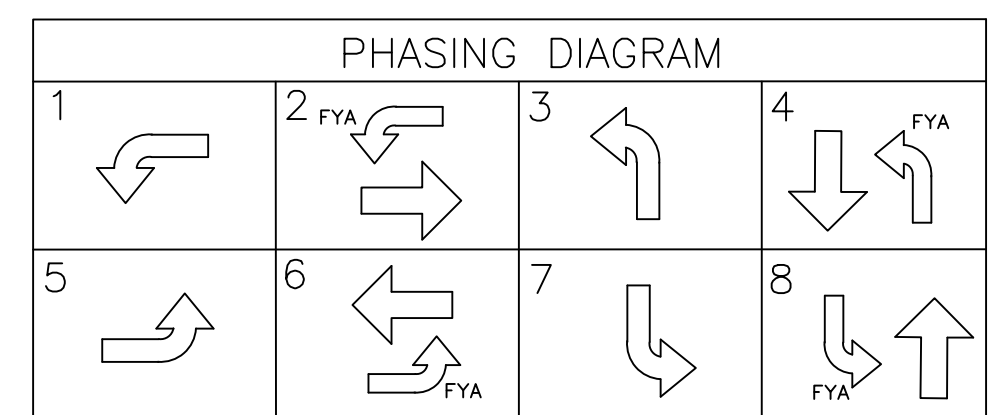
TRAFFIC SIGNAL LAYOUT – SITE 3 VALLEYDALE ROAD AT CALDWELL MILL ROAD



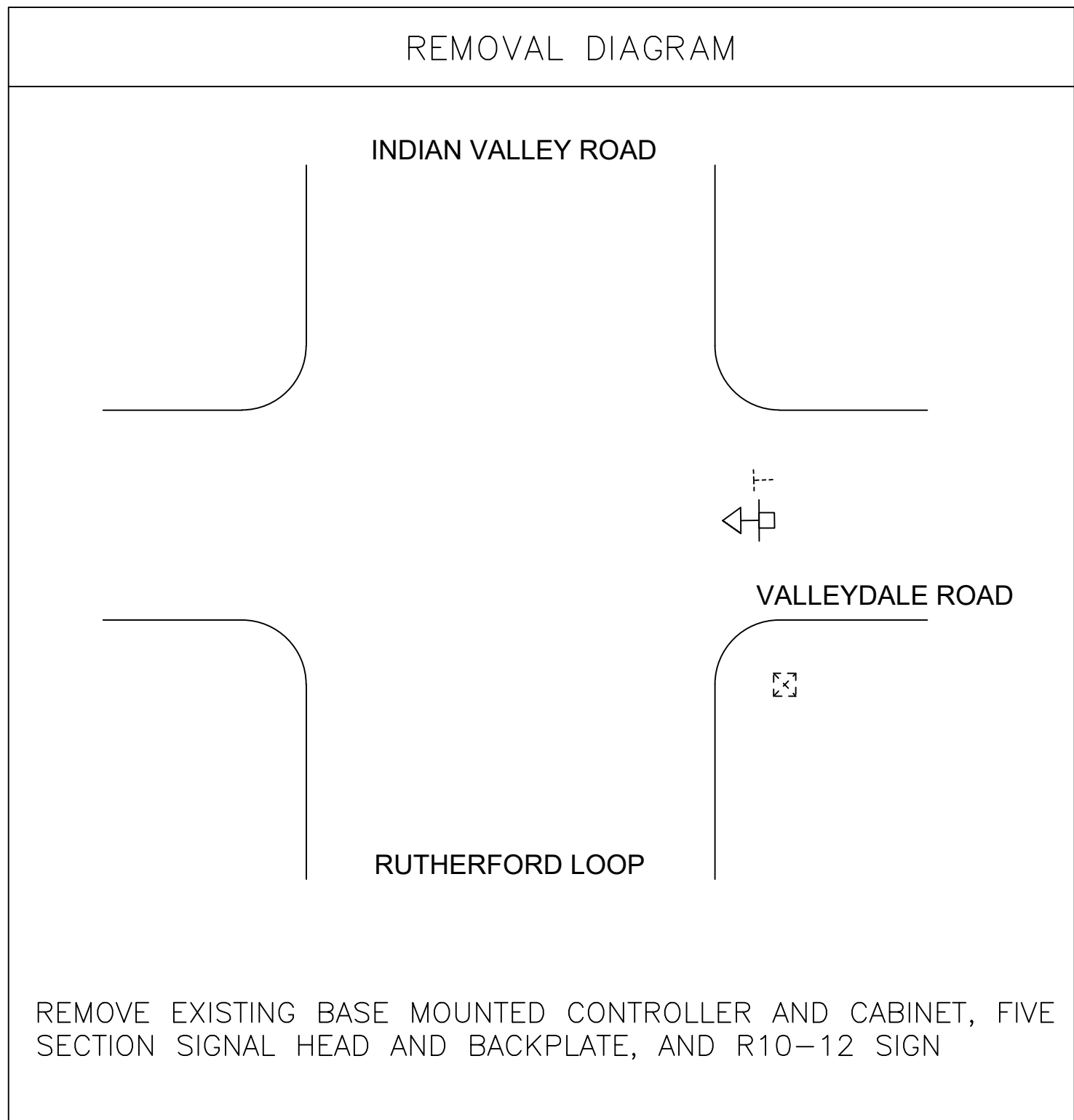
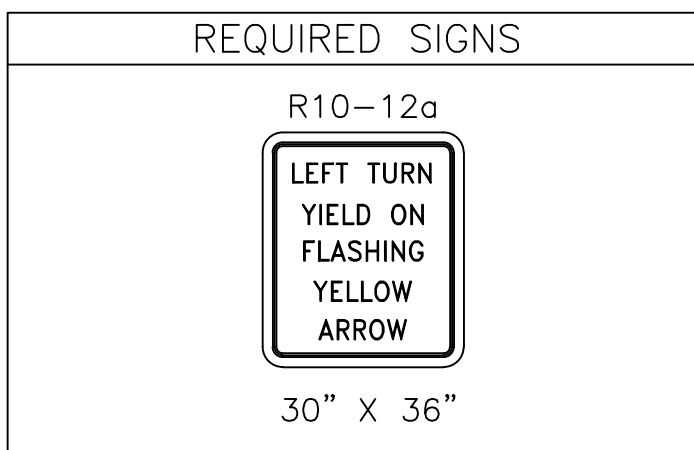
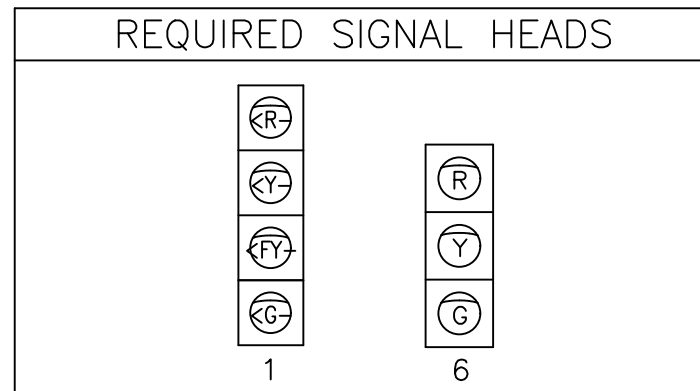
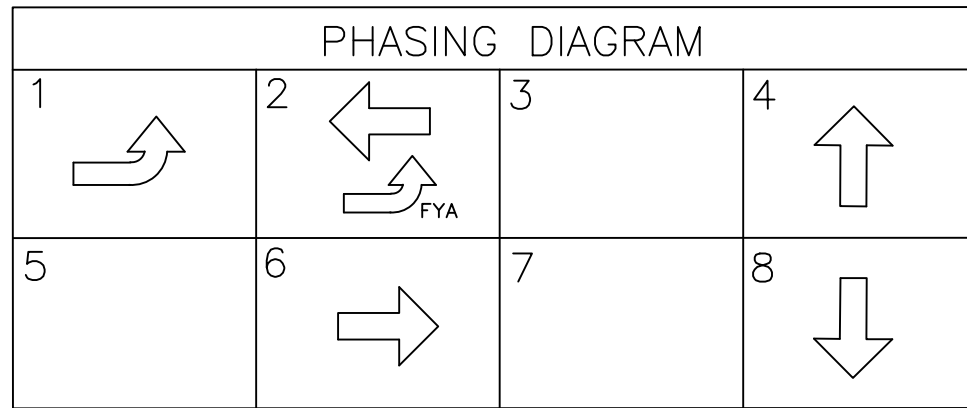
GENERAL CONSTRUCTION NOTES:

1. USE TSOP NO. 30 (INDEX 73084).
2. CONTROLLER SHALL BE ECONOLITE COBALT.
3. DETECTION SYSTEM SHALL BE EITHER A RADAR DETECTION SYSTEM OR A HYBRID RADAR/VIDEO DETECTION SYSTEM ON THE CURRENT ALDOT APL. LOCATION AND AIMING OF DETECTION SENSORS MAY VARY BASED ON MANUFACTURER'S RECOMMENDATIONS.
4. A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
5. REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
6. REQUIRED CAMERA, POSITIONER SHALL BE A WTI VIPER H.264 CAMERA WITH SIDEWINDER WALL MOUNT.
7. NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.
8. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
9. FOR REQUIRED BASE MOUNTED CONTROLLERS, EXISTING CONDUIT IS TO BE RETAINED AND RE-USED AND NEW CABINET IS TO BE INSTALLED ON EXISTING CONCRETE PAD.

DETECTION ZONE CHART			
ZONE	PHASE	SIZE	COMMENTS
ZONE 1	1	6'X50'	
ZONE 2A	2	6'X6'	285' TO STOP LINE
ZONE 2B	2	6'X50'	
ZONE 3	3	6'X50'	
ZONE 4A	4	6'X6'	230' TO STOP LINE
ZONE 4B	4	6'X50'	
ZONE 5	5	6'X50'	
ZONE 6A	6	6'X6'	285' TO STOP LINE
ZONE 6B	6	6'X50'	
ZONE 7	7	6'X50'	
ZONE 8A	8	6'X6'	230' TO STOP LINE
ZONE 8B	8	6'X50'	



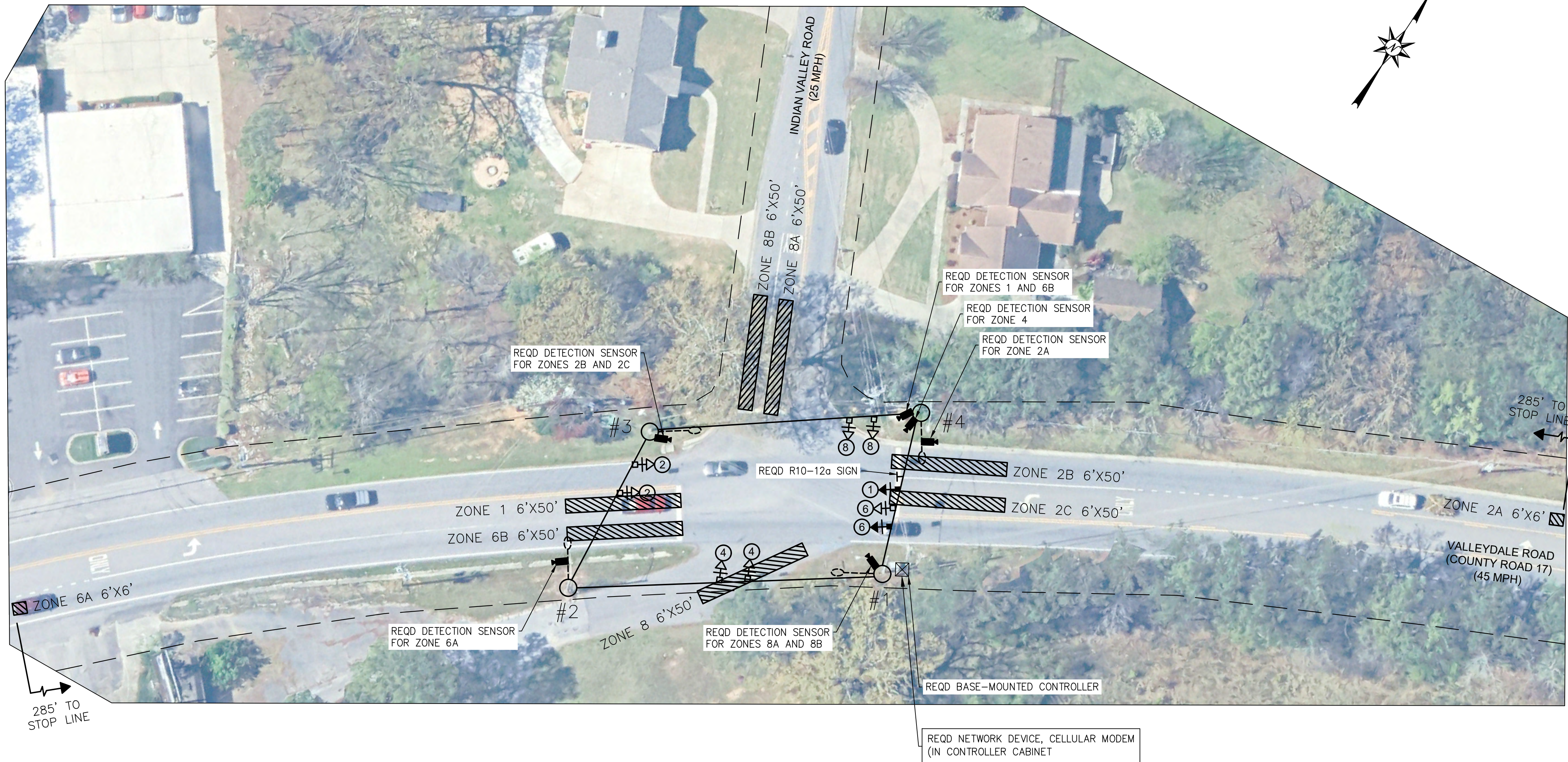
CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	DETECTION CABLE	CONTROLLER	DETECTION SENSORS



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

DETECTION ZONE CHART			
ZONE	PHASE	SIZE	COMMENTS
ZONE 1	1	6'X50'	
ZONE 2A	2	6'X6'	285' TO STOP LINE
ZONE 2B	2	6'X50'	
ZONE 2C	2	6'X50'	
ZONE 4	4	6'X50'	
ZONE 6A	6	6'X6'	285' TO STOP LINE
ZONE 6B	6	6'X50'	
ZONE 8A	8	6'X50'	
ZONE 8B	8	6'X50'	

TRAFFIC SIGNAL LAYOUT – SITE 4 VALLEYDALE ROAD AT INDIAN VALLEY ROAD



GENERAL CONSTRUCTION NOTES:

- USE TSOP NO. 30 (INDEX 73084).
- CONTROLLER SHALL BE ECONOLITE COBALT.
- DETECTION SYSTEM SHALL BE EITHER A RADAR DETECTION SYSTEM OR A HYBRID RADAR/VIDEO DETECTION SYSTEM ON THE CURRENT ALDOT APL. LOCATION AND AIMING OF DETECTION SENSORS MAY VARY BASED ON MANUFACTURER'S RECOMMENDATIONS.
- A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
- REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
- CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
- FOR REQUIRED BASE MOUNTED CONTROLLERS, EXISTING CONDUIT IS TO BE RETAINED AND RE-USED AND NEW CABINET IS TO BE INSTALLED ON EXISTING CONCRETE PAD.

SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.

SUPERVISOR:

DESIGNER:

PLAN SUBMITTAL



ALABAMA DEPARTMENT
OF TRANSPORTATION

30 0 30 60



SHEET TITLE

ROUTE

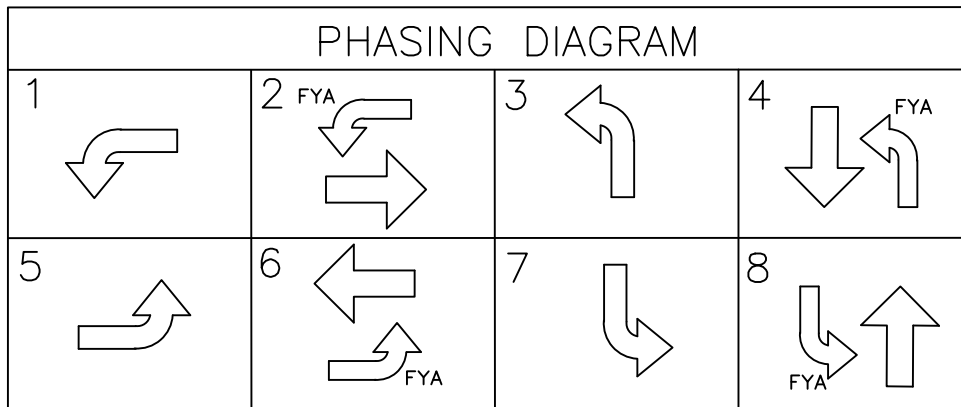
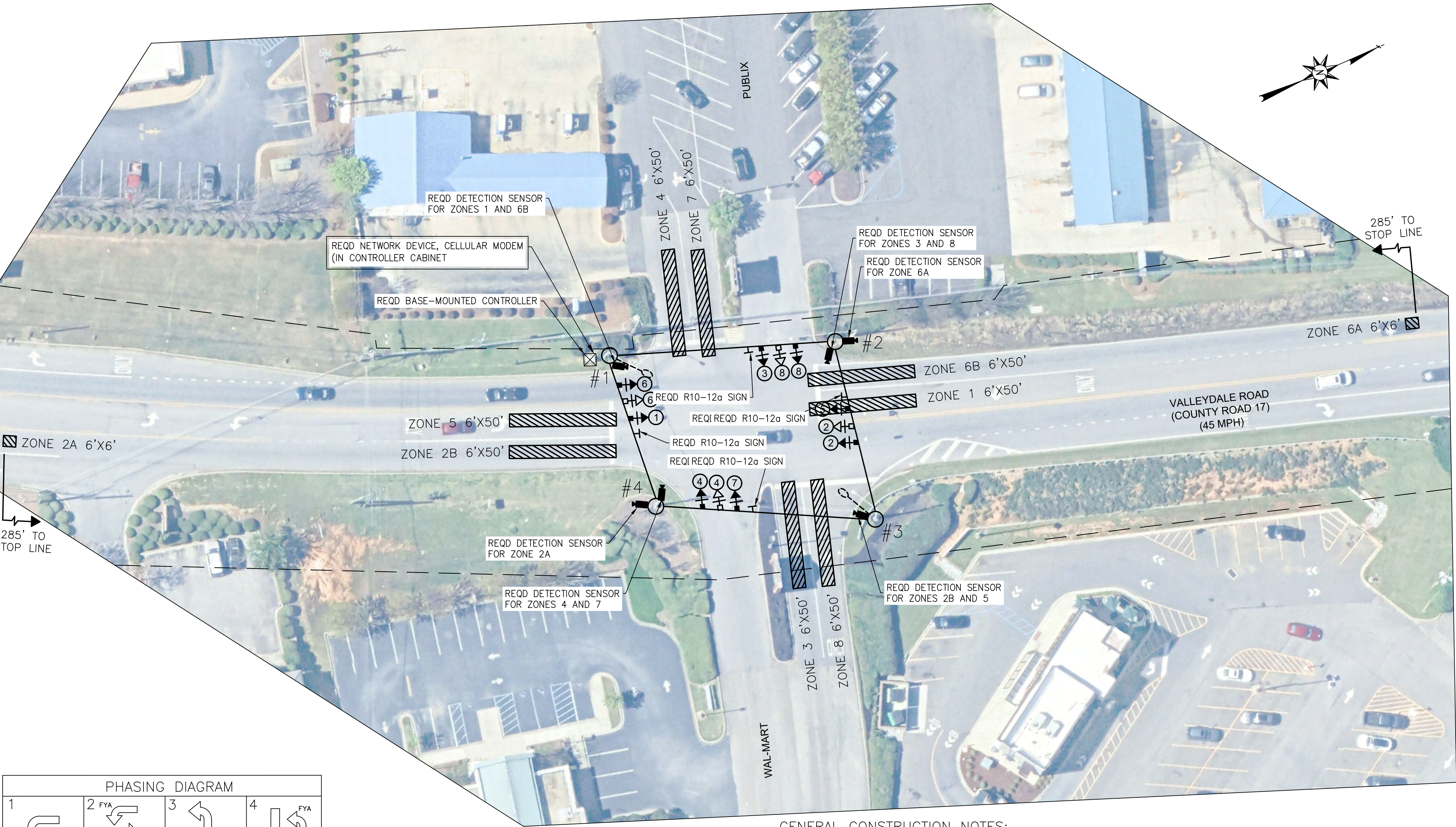
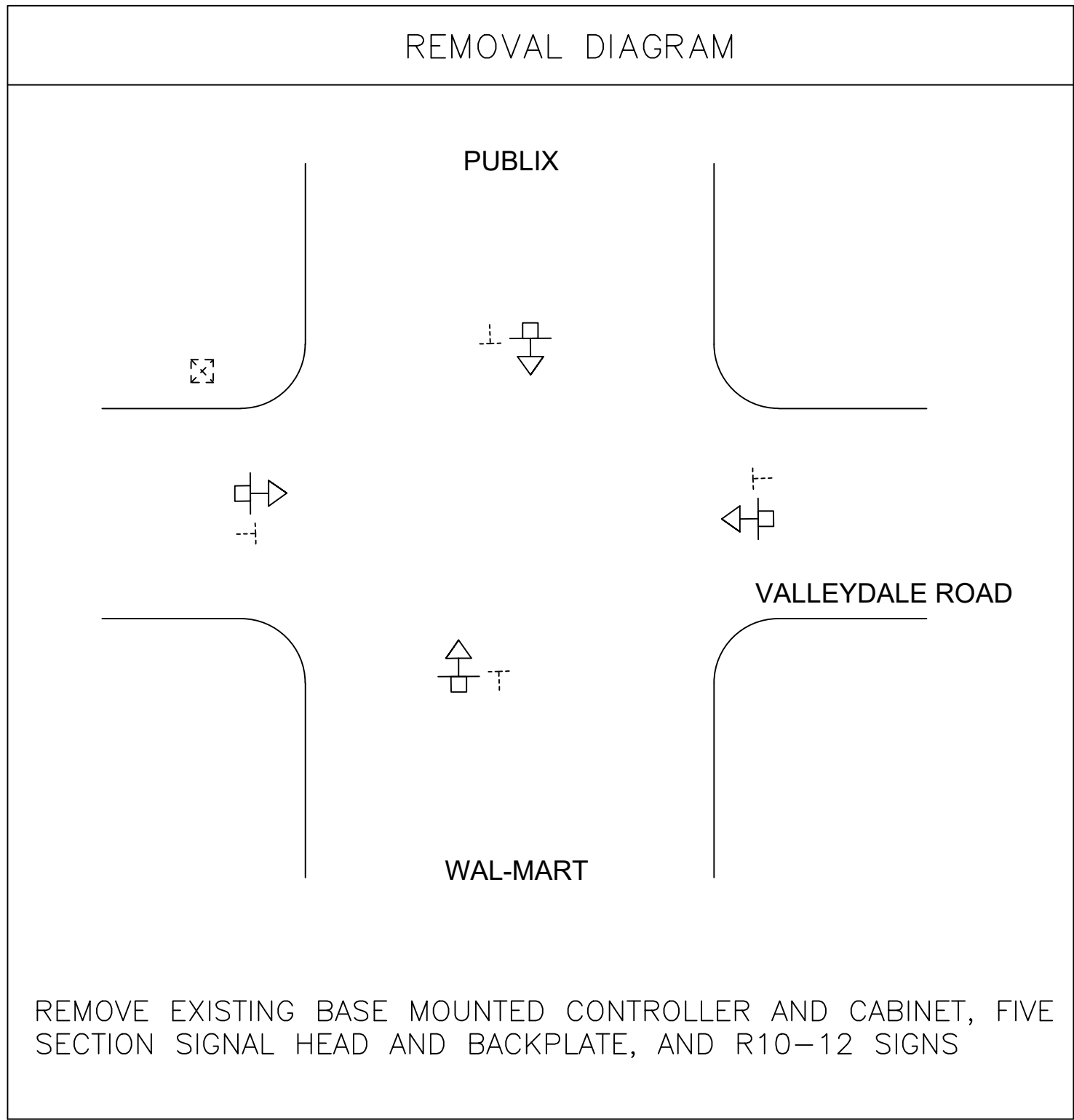
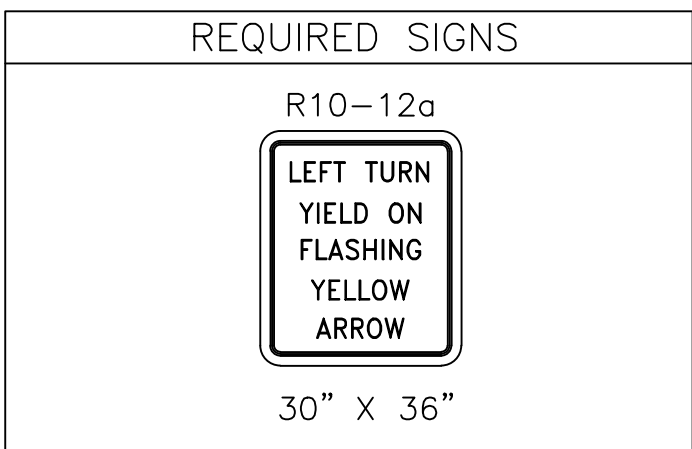
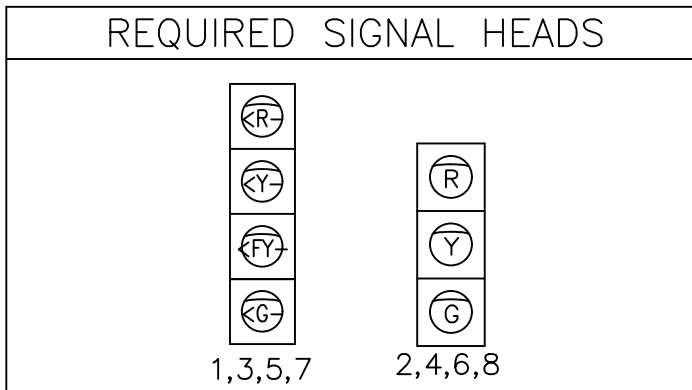
TRAFFIC SIGNAL LAYOUT

VALLEYDALE
ROAD

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #3
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #3	SIGNAL HEADS #8
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #7
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #7	SIGNAL HEADS #4
---	DETECTION CABLE	CONTROLLER	DETECTION SENSORS

TRAFFIC SIGNAL LAYOUT – SITE 5
VALLEYDALE ROAD AT PUBLIX/WAL-MART

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	8



- GENERAL CONSTRUCTION NOTES:
- USE TSOP NO. 30 (INDEX 73084).
 - CONTROLLER SHALL BE ECONOLITE COBALT.
 - DETECTION SYSTEM SHALL BE EITHER A RADAR DETECTION SYSTEM OR A HYBRID RADAR/VIDEO DETECTION SYSTEM ON THE CURRENT ALDOT APL. LOCATION AND AIMING OF DETECTION SENSORS MAY VARY BASED ON MANUFACTURER'S RECOMMENDATIONS.
 - A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
 - REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 - NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.
 - CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 - FOR REQUIRED BASE MOUNTED CONTROLLERS, EXISTING CONDUIT IS TO BE RETAINED AND RE-USED AND NEW CABINET IS TO BE INSTALLED ON EXISTING CONCRETE PAD.

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

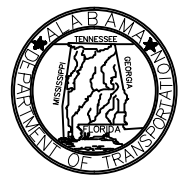
DETECTION ZONE CHART			
ZONE	PHASE	SIZE	COMMENTS
ZONE 1	1	6'X50'	
ZONE 2A	2	6'X6'	285' TO STOP LINE
ZONE 2B	2	6'X50'	
ZONE 3	3	6'X50'	
ZONE 4	4	6'X50'	
ZONE 5	5	6'X50'	
ZONE 6A	6	6'X6'	285' TO STOP LINE
ZONE 6B	6	6'X50'	
ZONE 7	7	6'X50'	
ZONE 8	8	6'X50'	

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.

SUPERVISOR:

DESIGNER:

PLAN SUBMITTAL



ALABAMA DEPARTMENT
OF TRANSPORTATION

30 0 30 60



SHEET TITLE

ROUTE

DATE:

DATE:

DATE:

FINAL SUBMITTAL

TRAFFIC SIGNAL LAYOUT

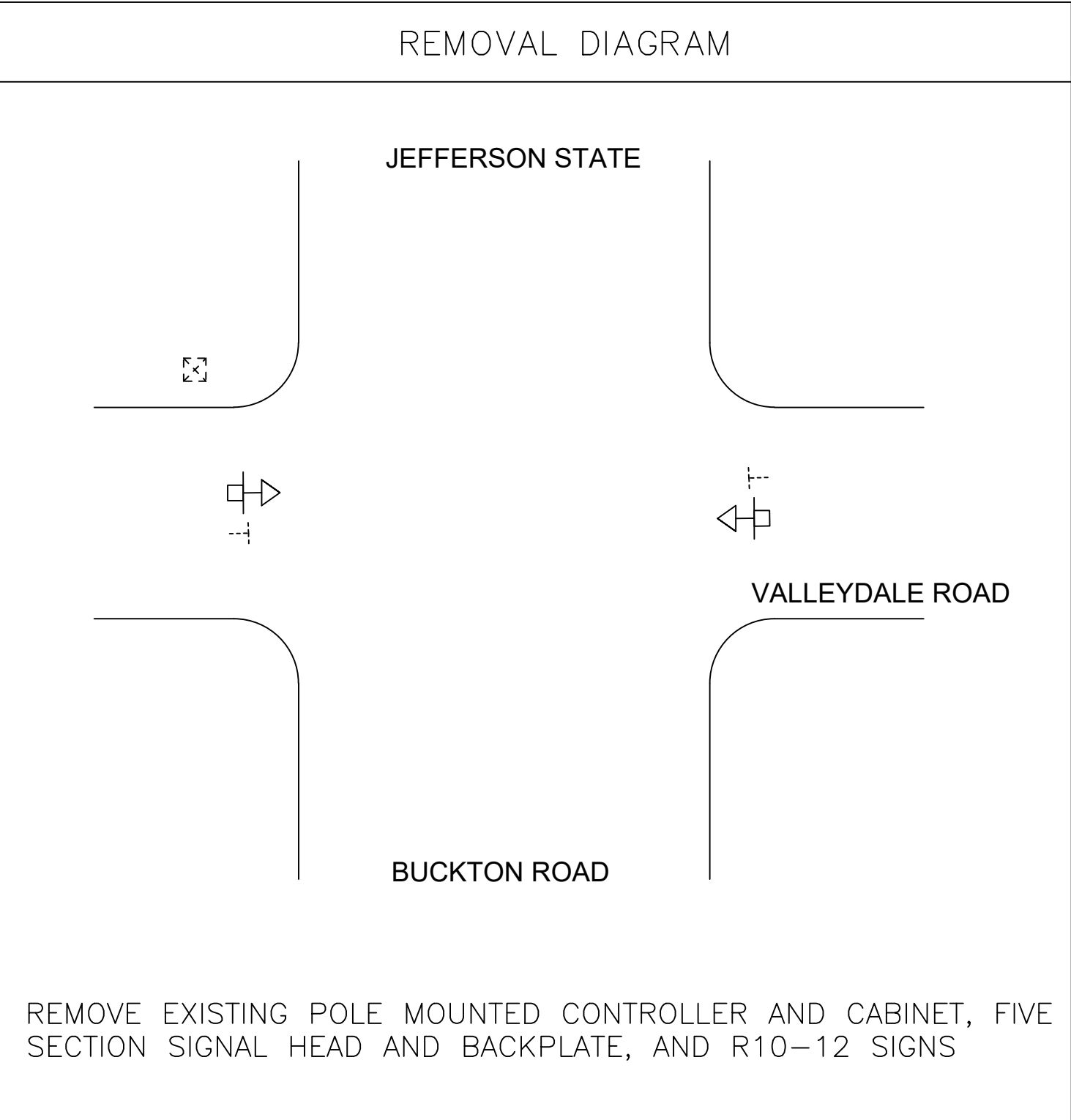
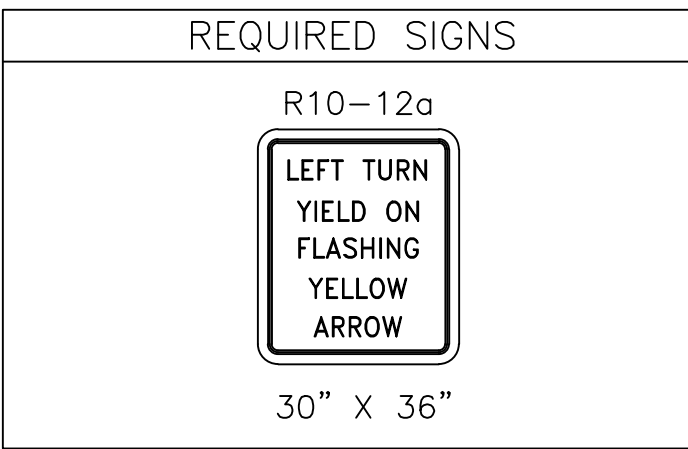
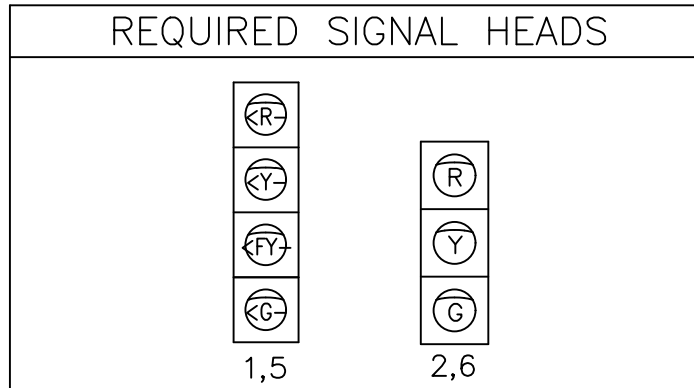
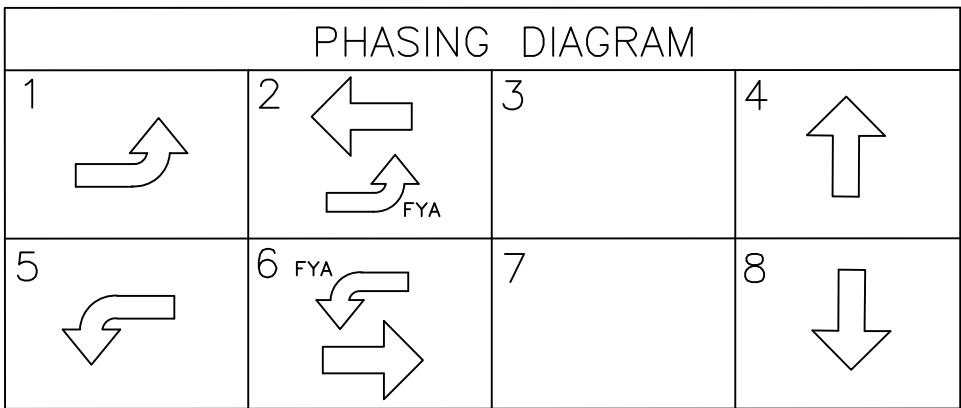
VALLEYDALE
ROAD

SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

TRAFFIC SIGNAL LAYOUT – SITE 6
VALLEYDALE ROAD AT BUCKTON ROAD/JEFFERSON STATE

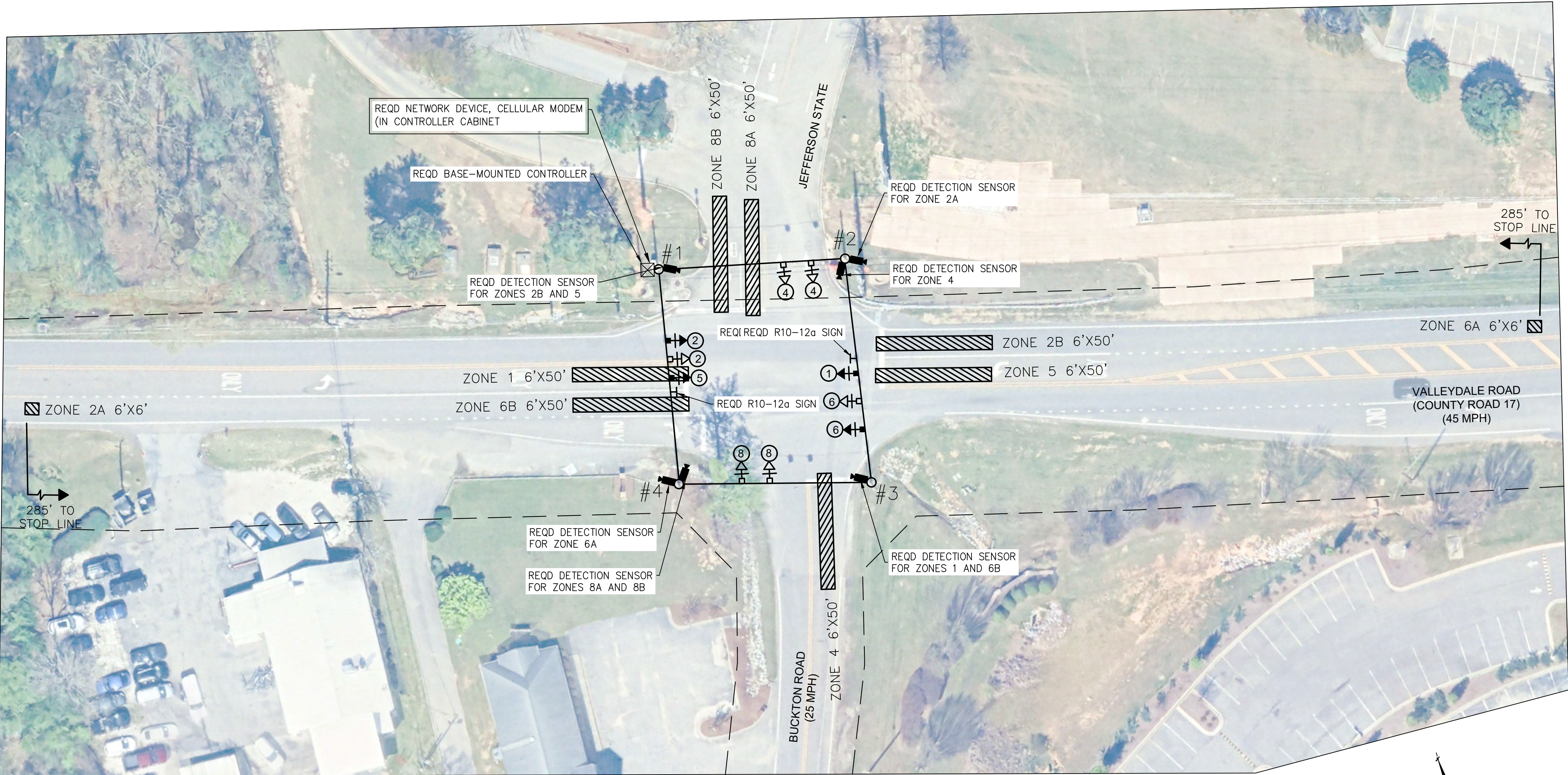
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH–MR24(902)	2026	9

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2
---	DETECTION CABLE	CONTROLLER	DETECTION SENSORS





DETECTION ZONE CHART			
ZONE	PHASE	SIZE	COMMENTS
ZONE 1	1	6'X50'	
ZONE 2A	2	6'X6'	285' TO STOP LINE
ZONE 2B	2	6'X50'	
ZONE 4	4	6'X50'	
ZONE 5	5	6'X50'	
ZONE 6A	6	6'X6'	285' TO STOP LINE
ZONE 6B	6	6'X50'	
ZONE 8A	8	6'X50'	
ZONE 8B	8	6'X50'	

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

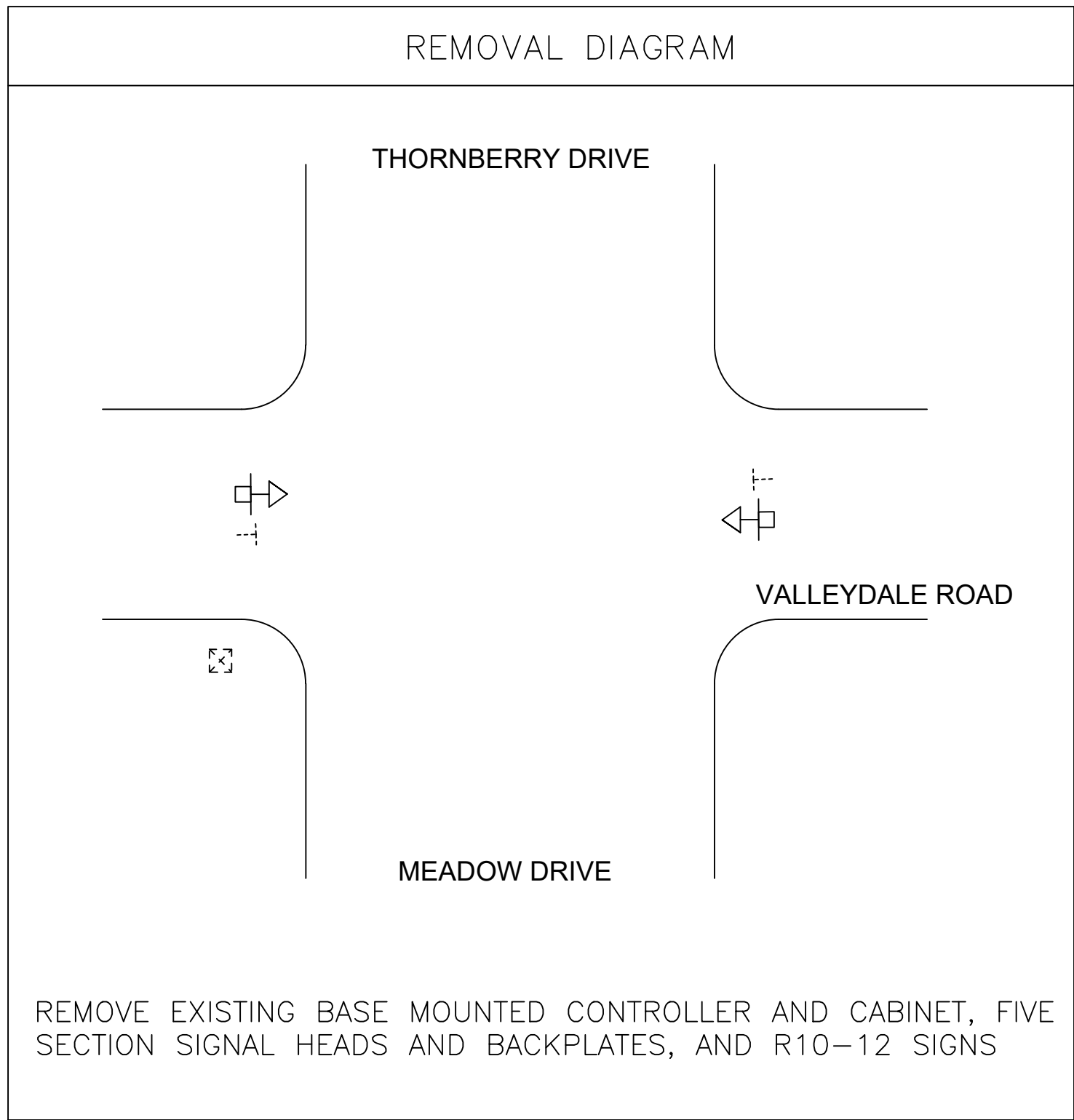
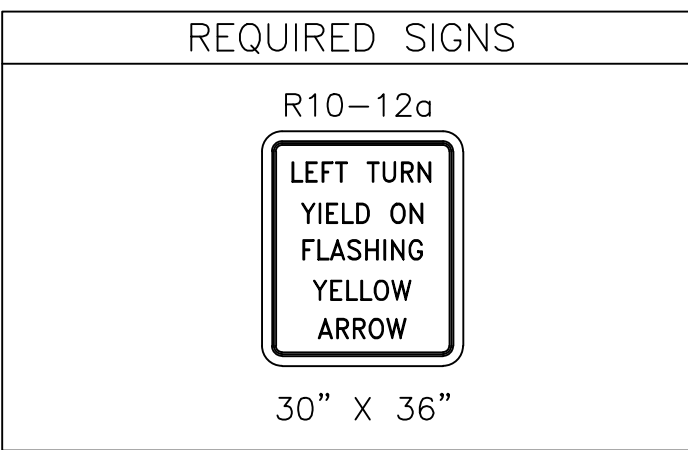
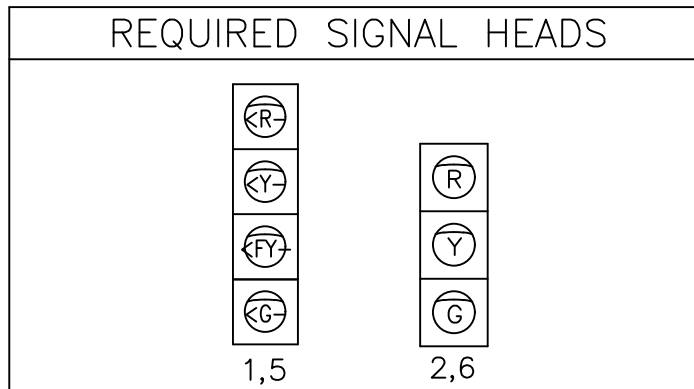
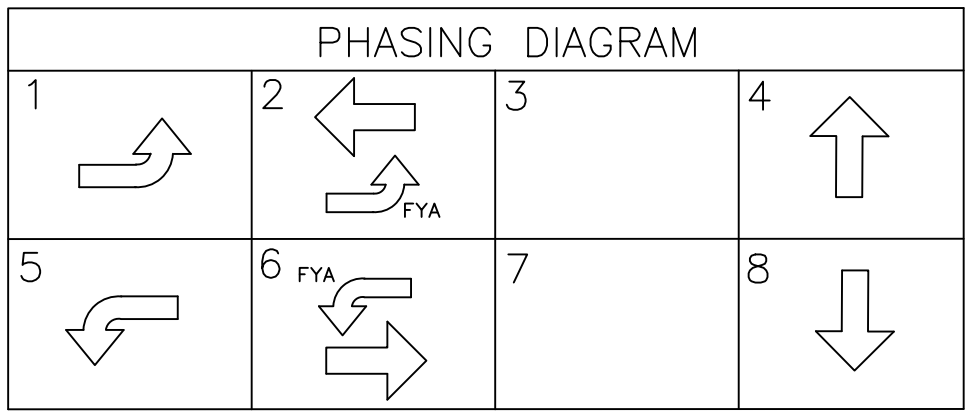


- GENERAL CONSTRUCTION NOTES:
- USE TSOP NO. 30 (INDEX 73084).
 - CONTROLLER SHALL BE ECONOLITE COBALT.
 - DETECTION SYSTEM SHALL BE EITHER A RADAR DETECTION SYSTEM OR A HYBRID RADAR/VIDEO DETECTION SYSTEM ON THE CURRENT ALDOT APL. LOCATION AND AIMING OF DETECTION SENSORS MAY VARY BASED ON MANUFACTURER'S RECOMMENDATIONS.
 - A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
 - REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 - CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 - FOR REQUIRED BASE MOUNTED CONTROLLERS, EXISTING CONDUIT IS TO BE RETAINED AND RE-USED AND NEW CABINET IS TO BE INSTALLED ON EXISTING CONCRETE PAD.

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BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	FINAL SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
							TRAFFIC SIGNAL LAYOUT	VALLEYDALE ROAD

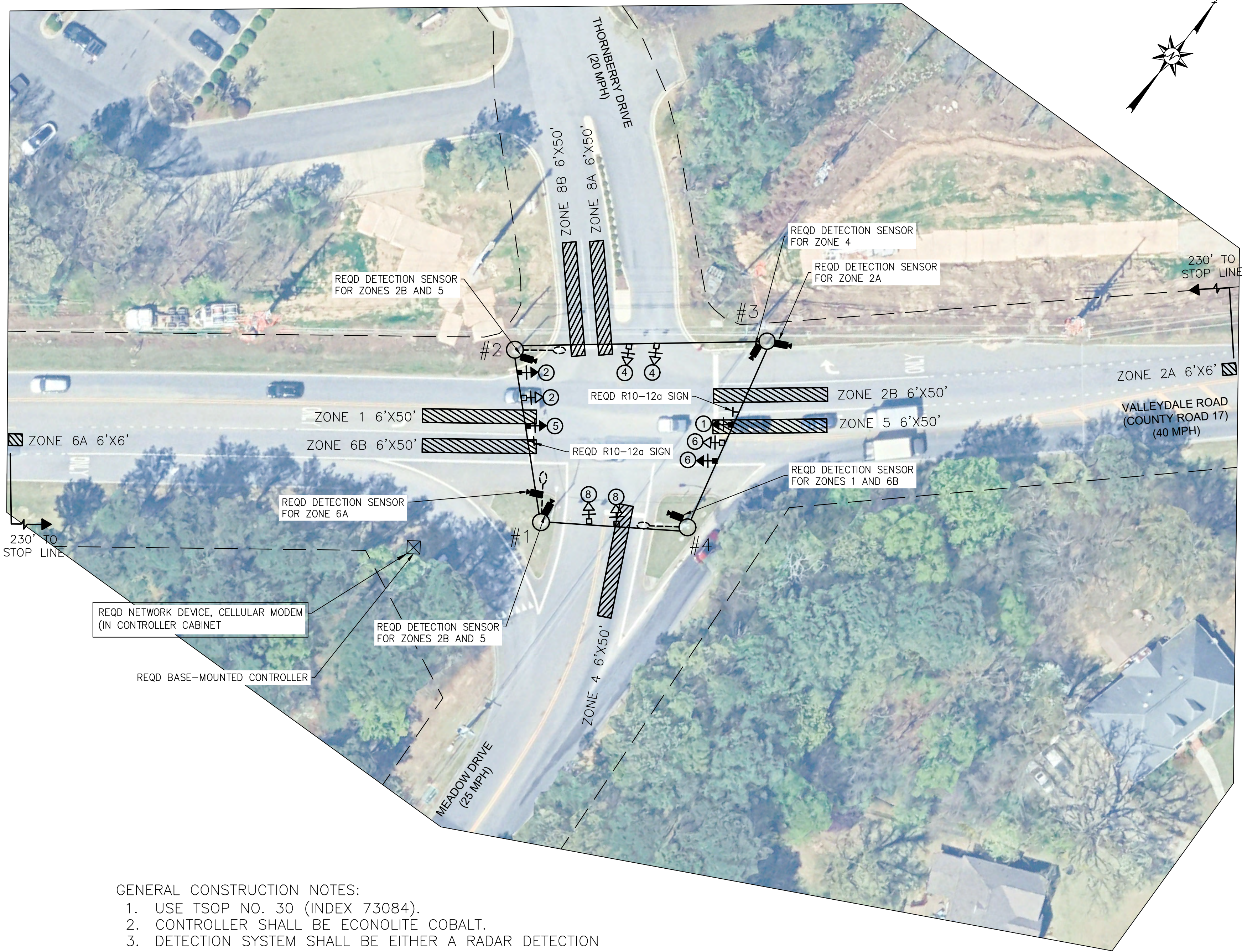
CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2
---	DETECTION CABLE	CONTROLLER	DETECTION SENSORS



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

DETECTION ZONE CHART			
ZONE	PHASE	SIZE	COMMENTS
ZONE 1	1	6'X50'	
ZONE 2A	2	6'X6'	230' TO STOP LINE
ZONE 2B	2	6'X50'	
ZONE 4	4	6'X50'	
ZONE 5	5	6'X50'	
ZONE 6A	6	6'X6'	230' TO STOP LINE
ZONE 6B	6	6'X50'	
ZONE 8A	8	6'X50'	
ZONE 8B	8	6'X50'	

TRAFFIC SIGNAL LAYOUT – SITE 7 VALLEYDALE ROAD AT MEADOW DRIVE

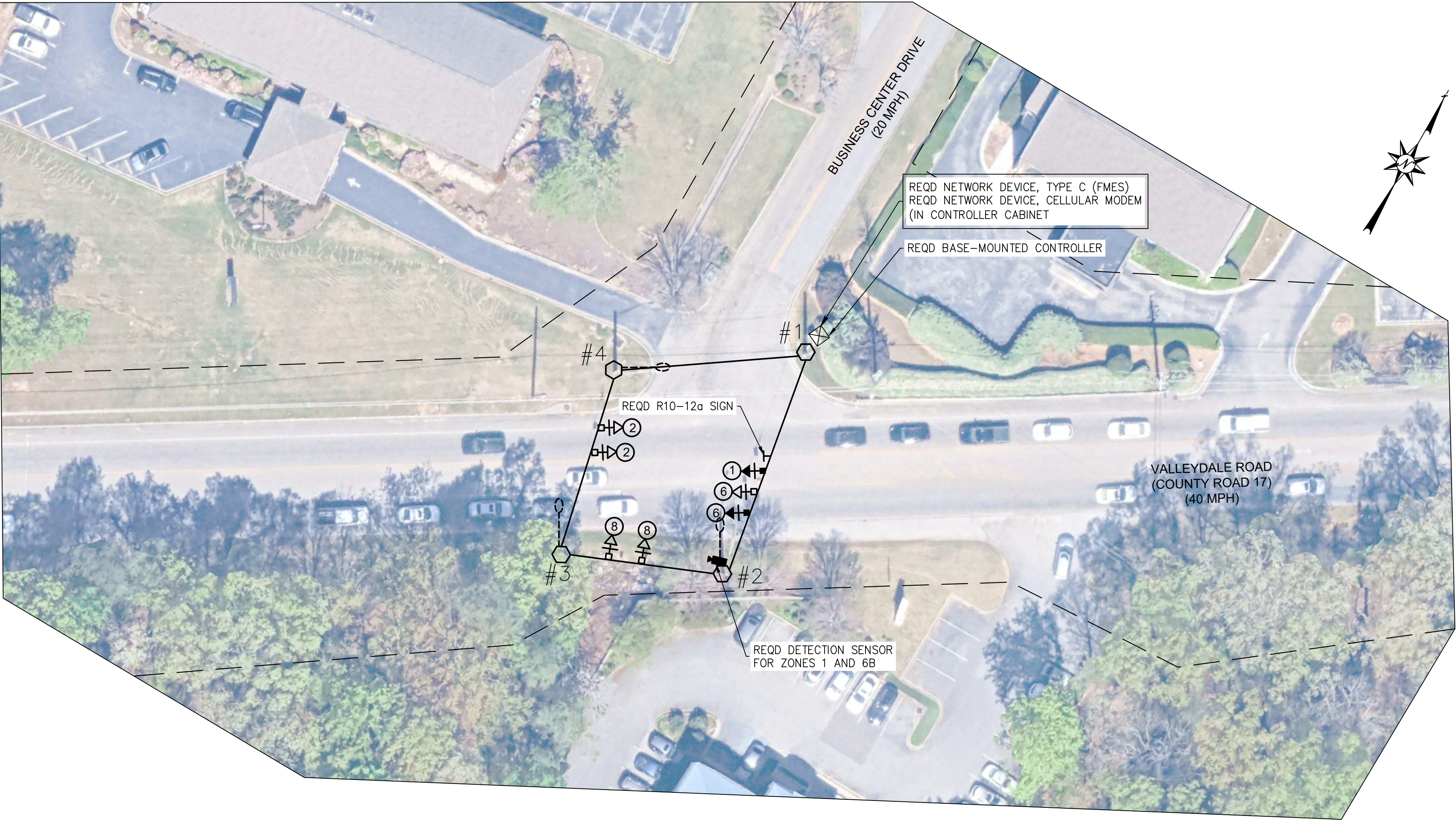
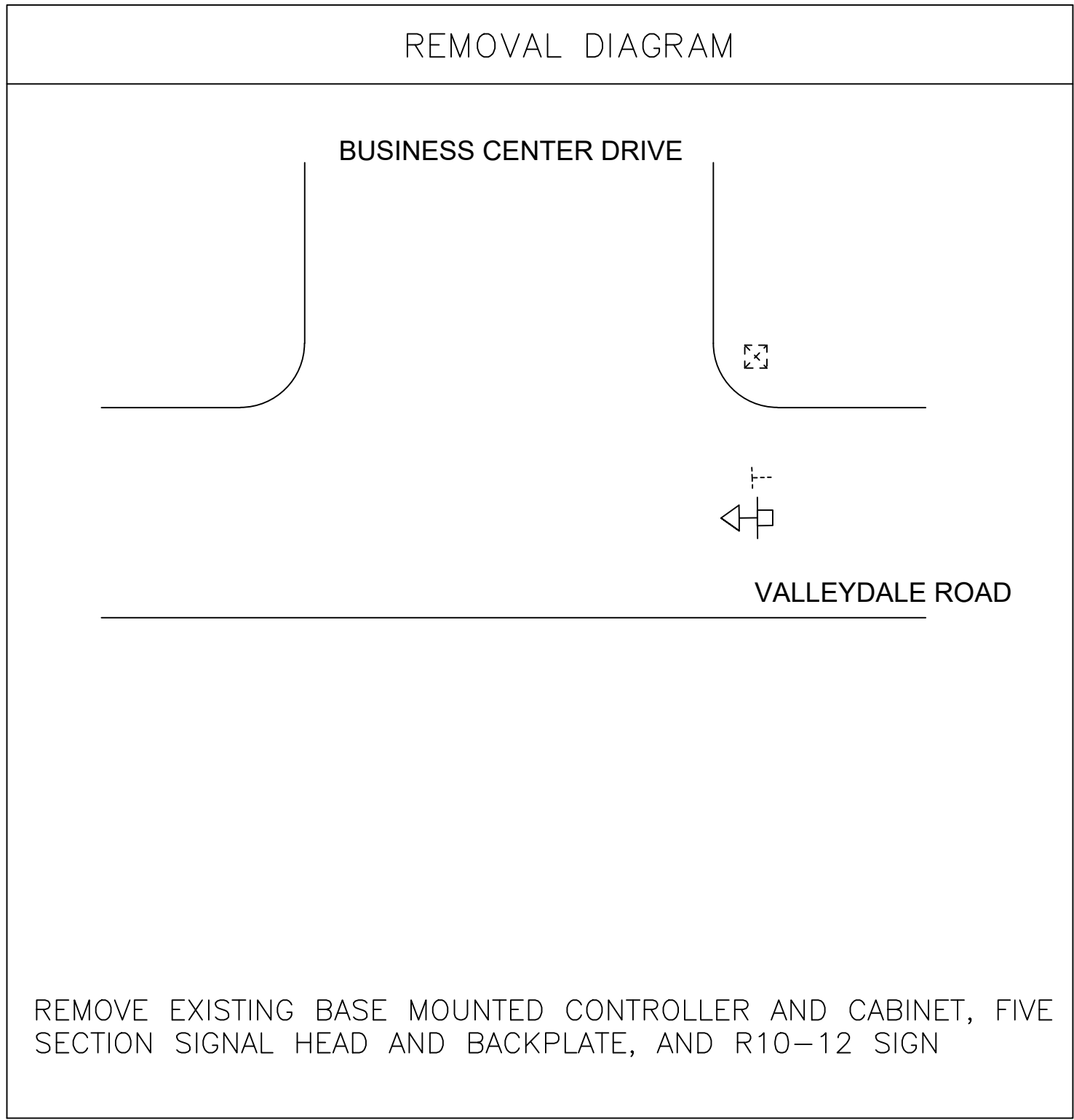
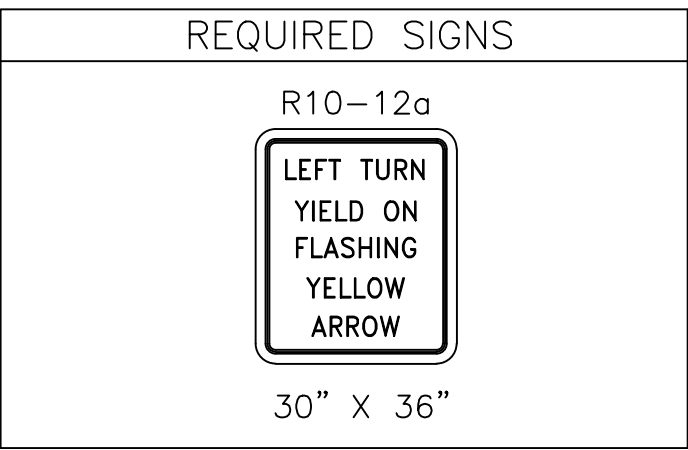
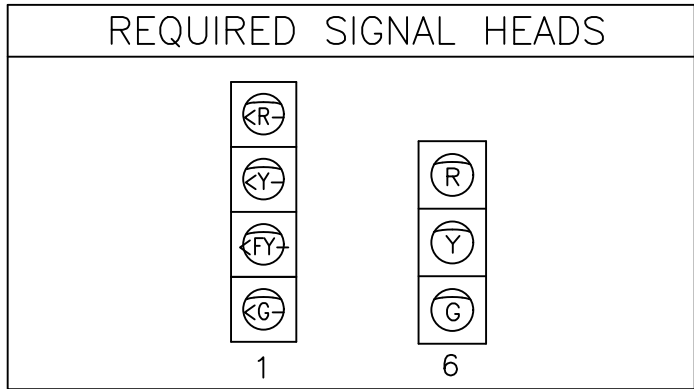
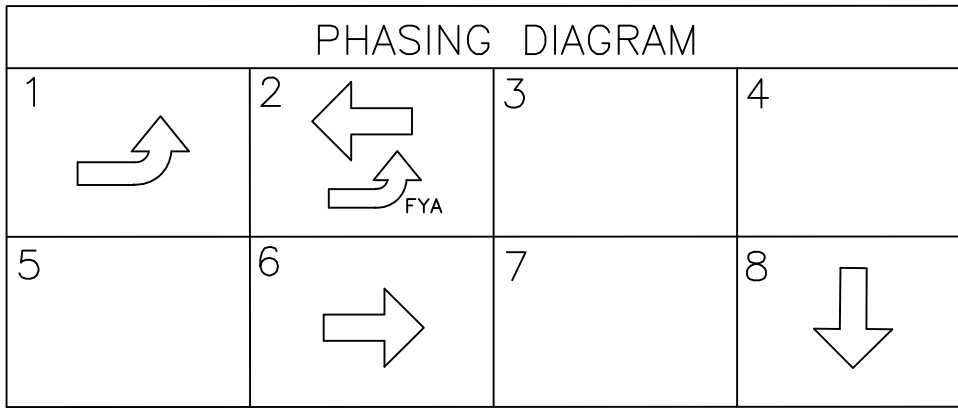


- GENERAL CONSTRUCTION NOTES:
- USE TSOP NO. 30 (INDEX 73084).
 - CONTROLLER SHALL BE ECONOLITE COBALT.
 - DETECTION SYSTEM SHALL BE EITHER A RADAR DETECTION SYSTEM OR A HYBRID RADAR/VIDEO DETECTION SYSTEM ON THE CURRENT ALDOT APL. LOCATION AND AIMING OF DETECTION SENSORS MAY VARY BASED ON MANUFACTURER'S RECOMMENDATIONS.
 - A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
 - REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 - CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 - FOR REQUIRED BASE MOUNTED CONTROLLERS, EXISTING CONDUIT IS TO BE RETAINED AND RE-USED AND NEW CABINET IS TO BE INSTALLED ON EXISTING CONCRETE PAD.

TRAFFIC SIGNAL LAYOUT – SITE 8
VALLEYDALE ROAD AT BUSINESS CENTER DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH–MR24(902)	2026	11

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C–#14 AWG IMSA 20–1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C–#14 AWG IMSA 20–1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6



- GENERAL CONSTRUCTION NOTES:
1. USE TSOP NO. 30 (INDEX 73084).
 2. CONTROLLER SHALL BE ECONOLITE COBALT.
 3. A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D–045.
 4. REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 5. NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.
 6. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 7. RELOCATE DETECTION EQUIPMENT TO NEW CABINET.
 8. FOR REQUIRED BASE MOUNTED CONTROLLERS, EXISTING CONDUIT IS TO BE RETAINED AND RE–USED AND NEW CABINET IS TO BE INSTALLED ON EXISTING CONCRETE PAD.

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20–1 SIGNAL CABLE	
R10–12a SIGNS WITH ATTACHMENTS	

DETECTION ZONE CHART			
ZONE	PHASE	SIZE	COMMENTS
ZONE 1	1	6'X50'	
ZONE 2A	2	6'X6'	230' TO STOP LINE
ZONE 2B	2	6'X50'	
ZONE 6A	6	6'X6'	230' TO STOP LINE
ZONE 6B	6	6'X50'	
ZONE 8	8	6'X50'	

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.

SUPERVISOR:

DESIGNER:

PLAN SUBMITTAL



ALABAMA DEPARTMENT
OF TRANSPORTATION

30 0 30 60



SHEET TITLE

ROUTE

TRAFFIC SIGNAL LAYOUT

VALLEYDALE
ROAD

TRAFFIC SIGNAL LAYOUT – SITE 9
COUNTY ROAD 52 AT COUNTY ROAD 93

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	12



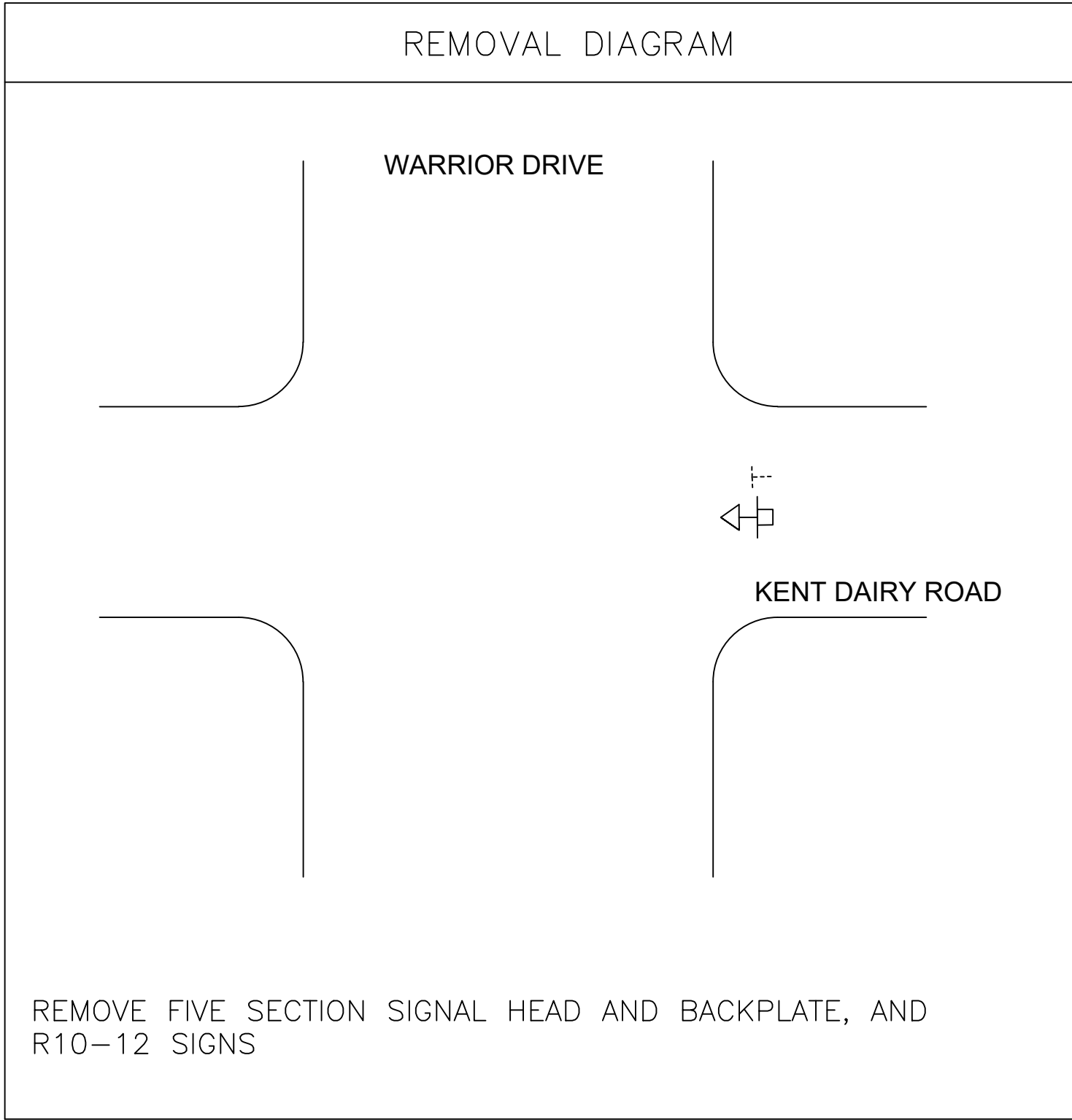
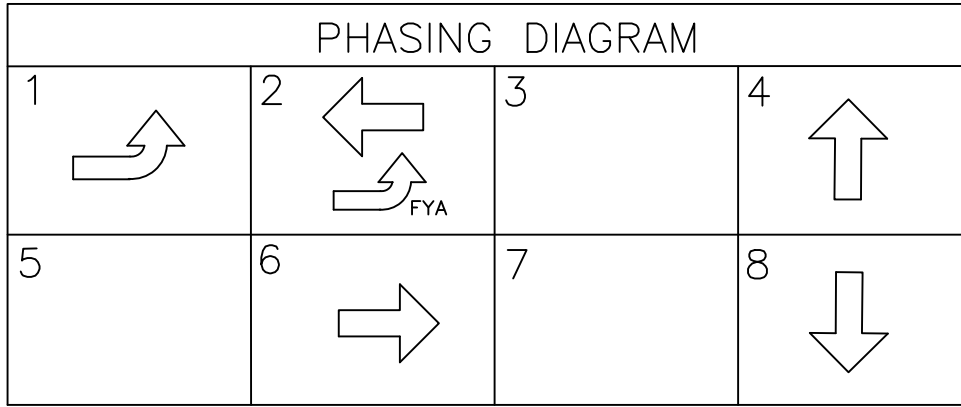
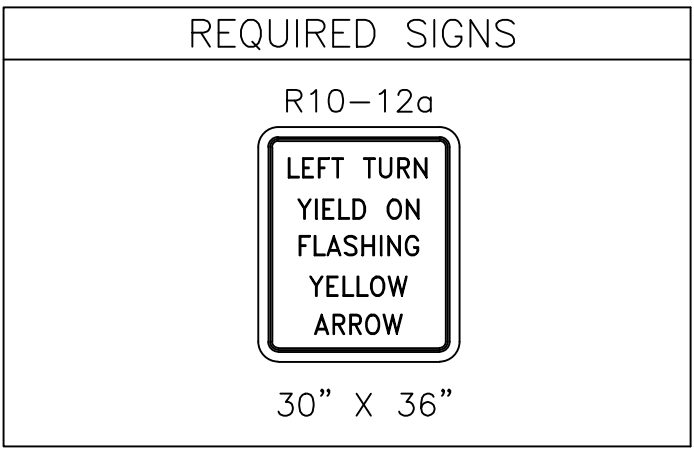
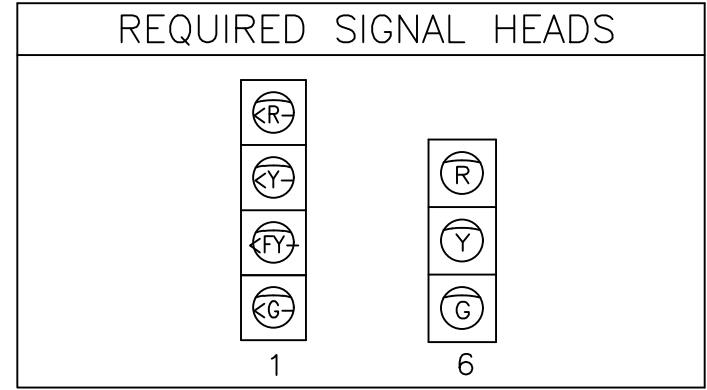
ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	

- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.

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3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 52

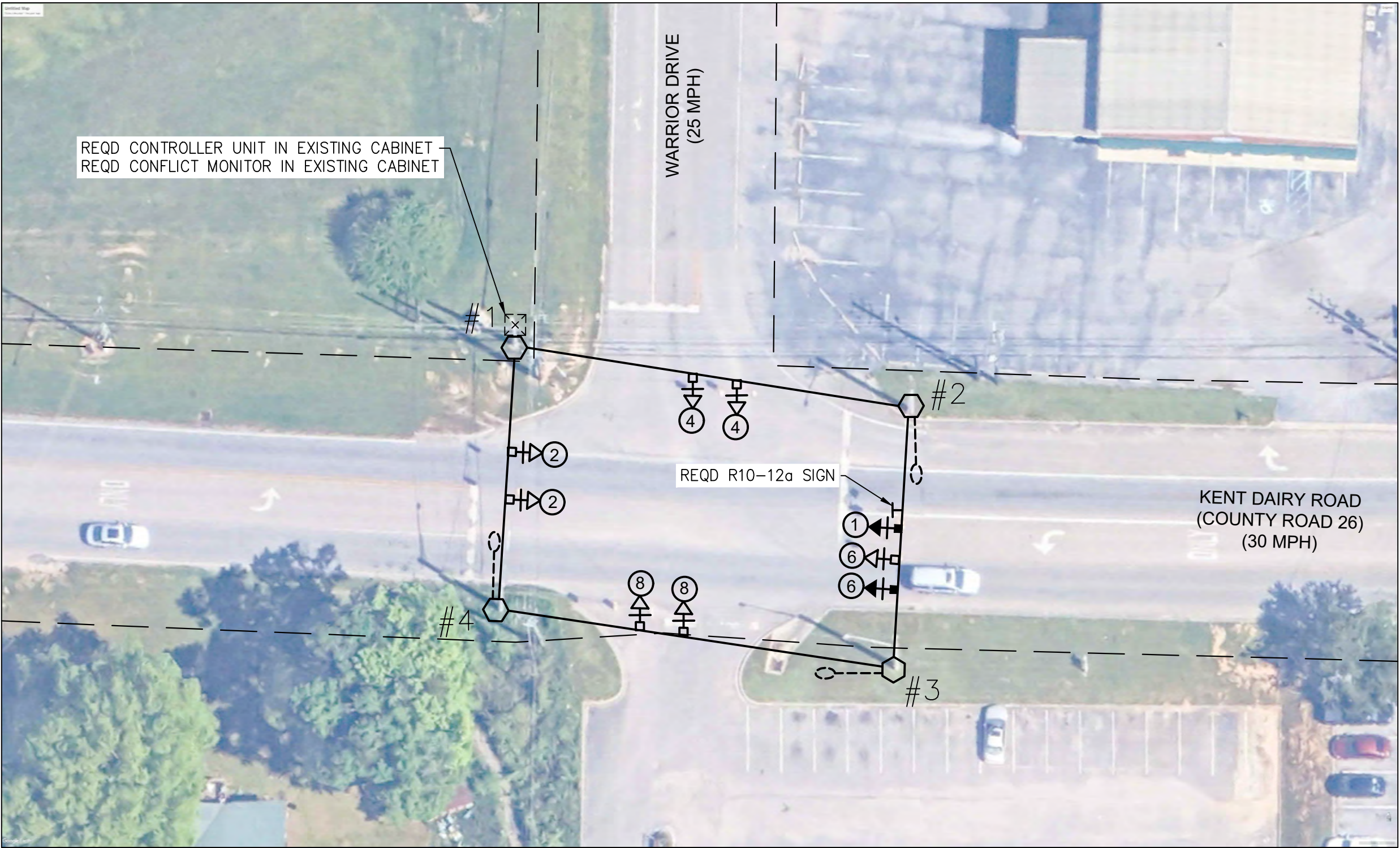
CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

TRAFFIC SIGNAL LAYOUT – SITE 10
KENT DAIRY ROAD AT WARRIOR DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	13

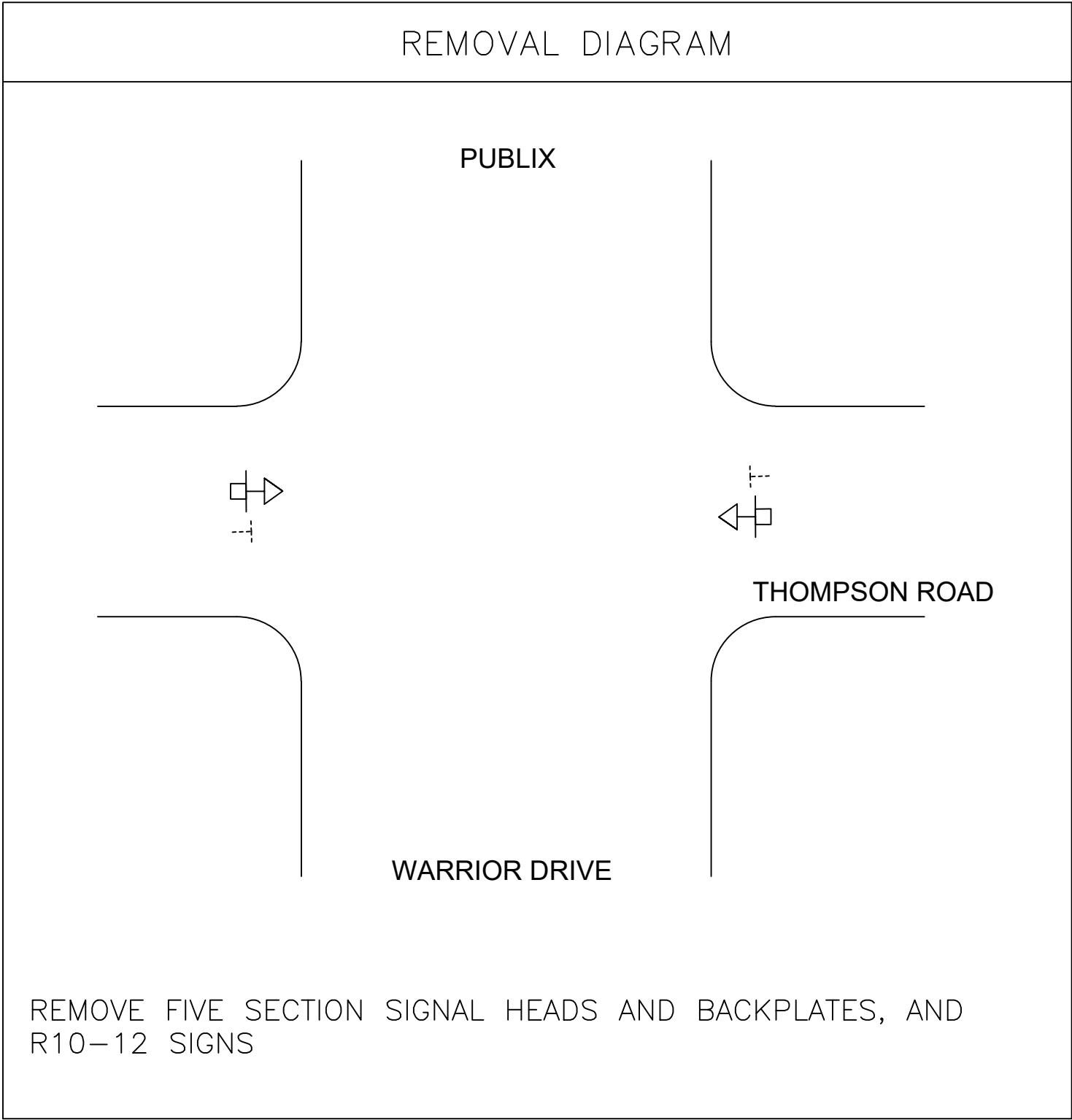
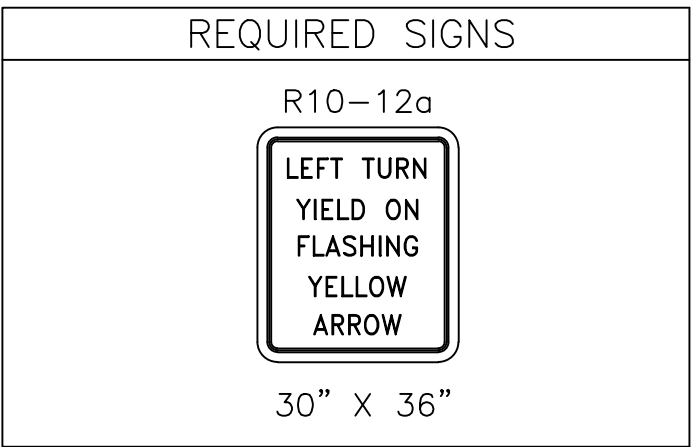
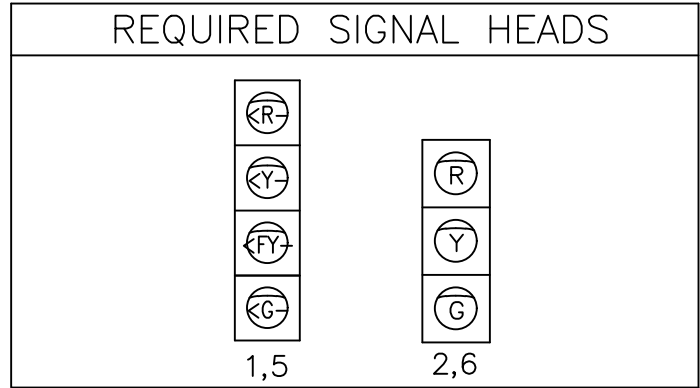
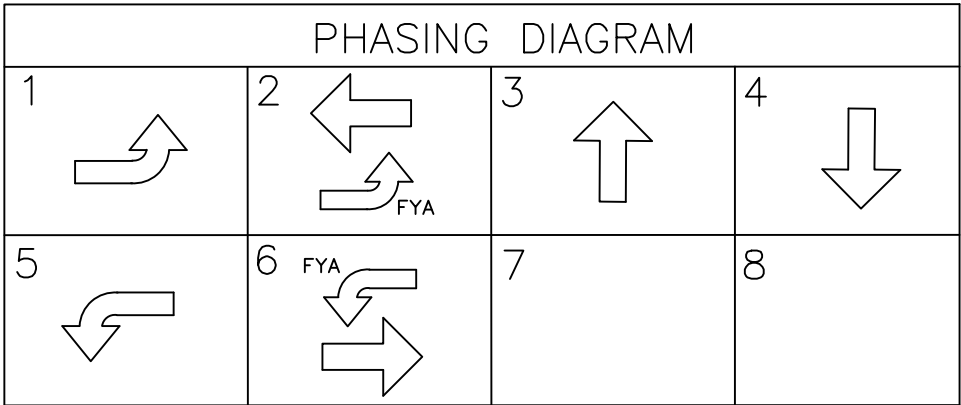


- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 4. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	KENT DAIRY ROAD

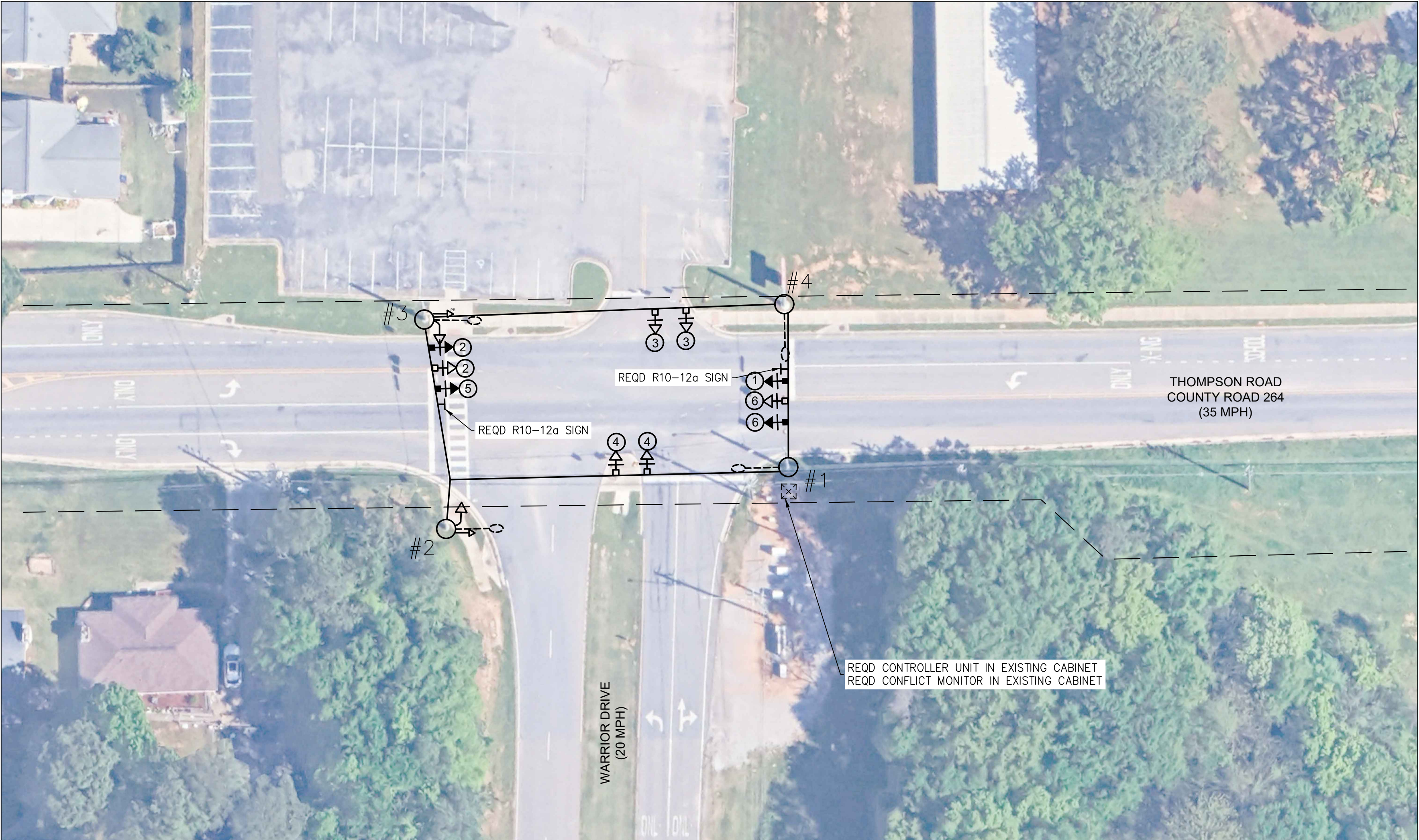
CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
----	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
----	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
----	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
----	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

TRAFFIC SIGNAL LAYOUT – SITE 11 THOMPSON ROAD AT WARRIOR DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	14


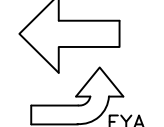
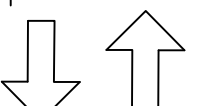
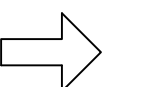


- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 4. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.


SKIPPER
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3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855


RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	30 0 30 60	SHEET TITLE		ROUTE	
						TRAFFIC SIGNAL LAYOUT		THOMPSON ROAD	


CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6


PHASING DIAGRAM			
1 	2 	3	4 
5	6 	7	8


REQUIRED SIGNAL HEADS



1


5


6

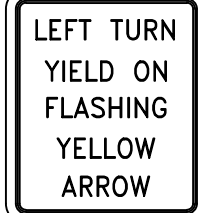

6


7


8

REQUIRED SIGNS

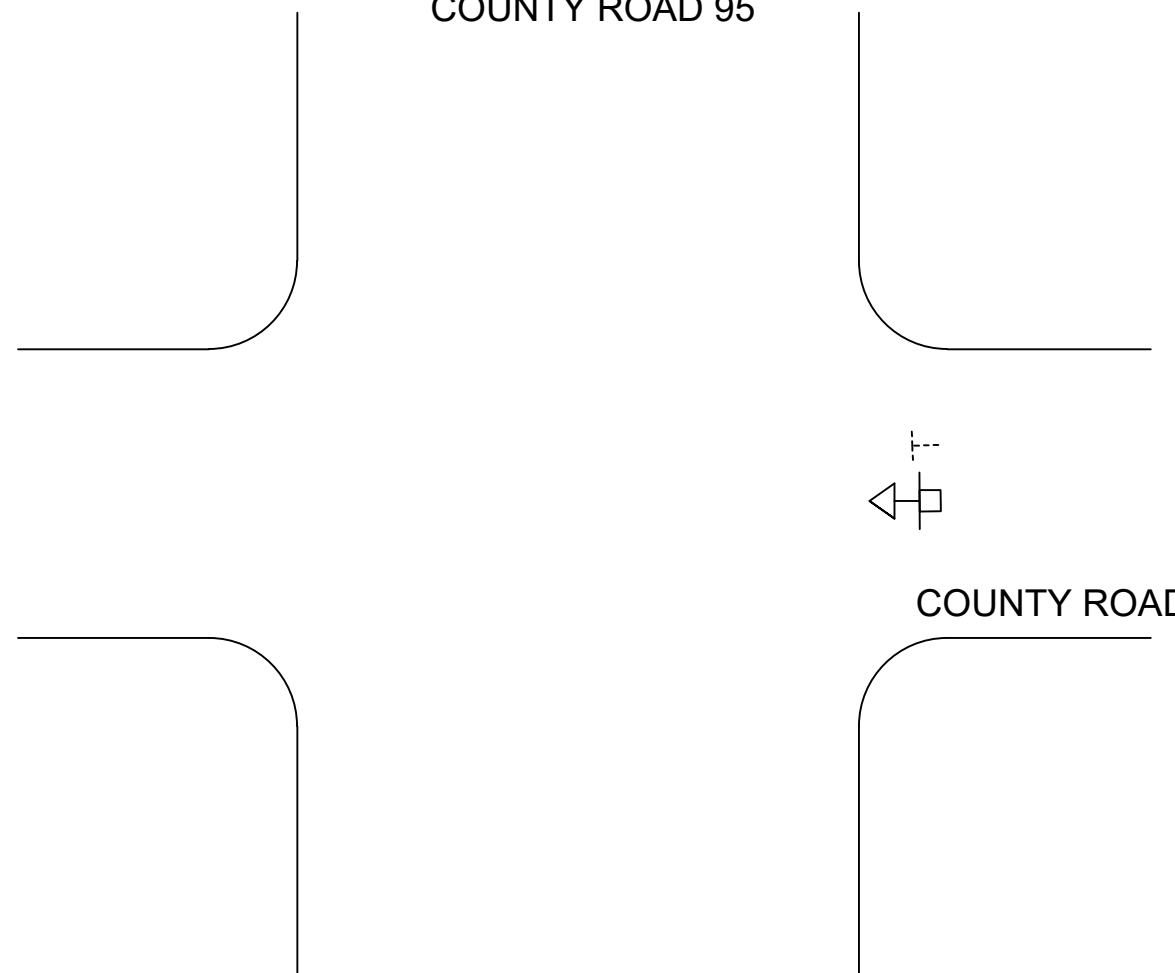
R10-12a


LEFT TURN
YIELD ON
FLASHING
YELLOW
ARROW

30" X 36"

REMOVAL DIAGRAM

COUNTY ROAD 95



COUNTY ROAD 44


REMOVE FIVE SECTION SIGNAL HEAD AND BACKPLATE, AND R10-12 SIGN

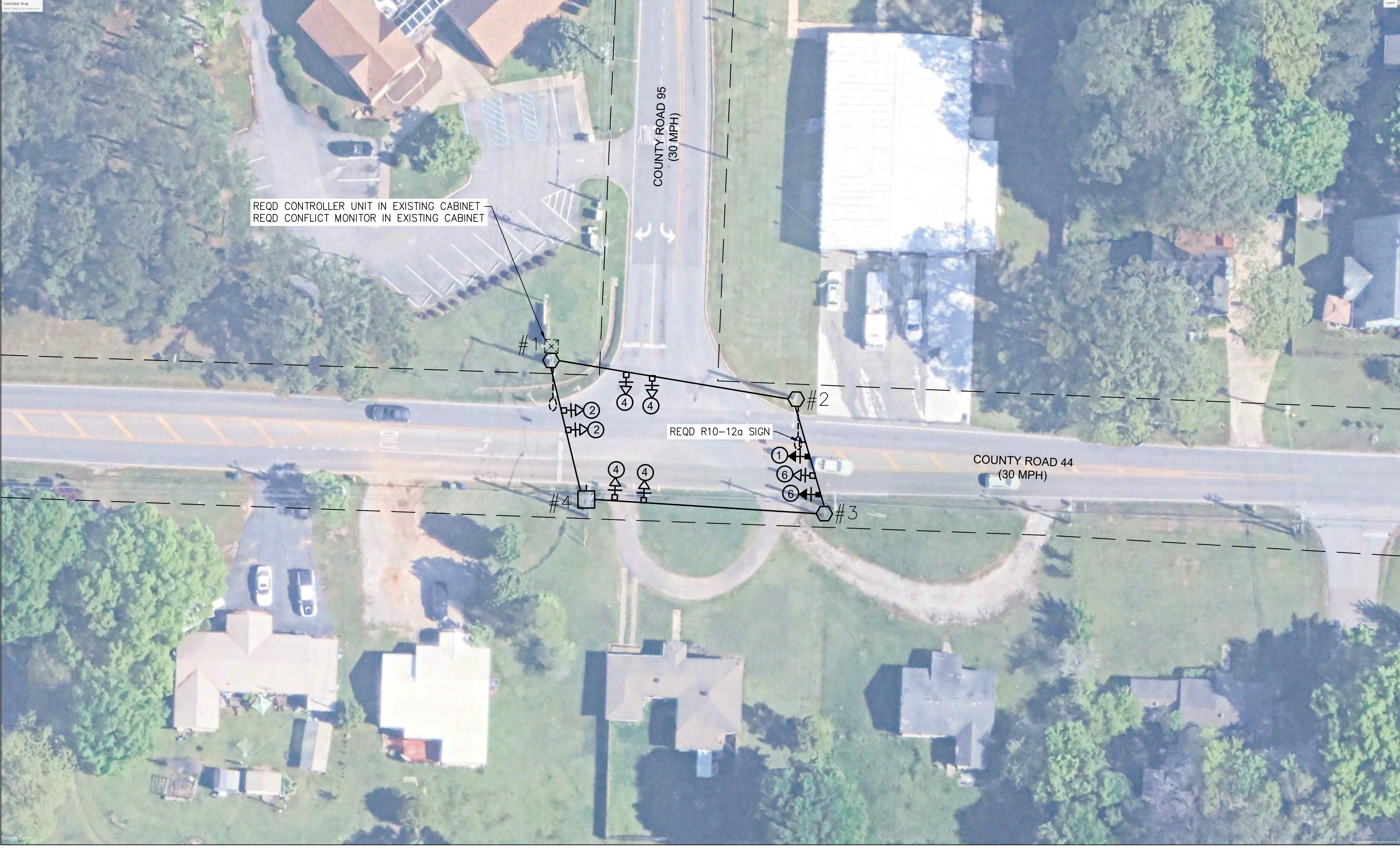
ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL
DATE:	DATE:	DATE:	FINAL SUBMITTAL

TRAFFIC SIGNAL LAYOUT – SITE 12
COUNTY ROAD 95 AT COUNTY ROAD 44

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	15





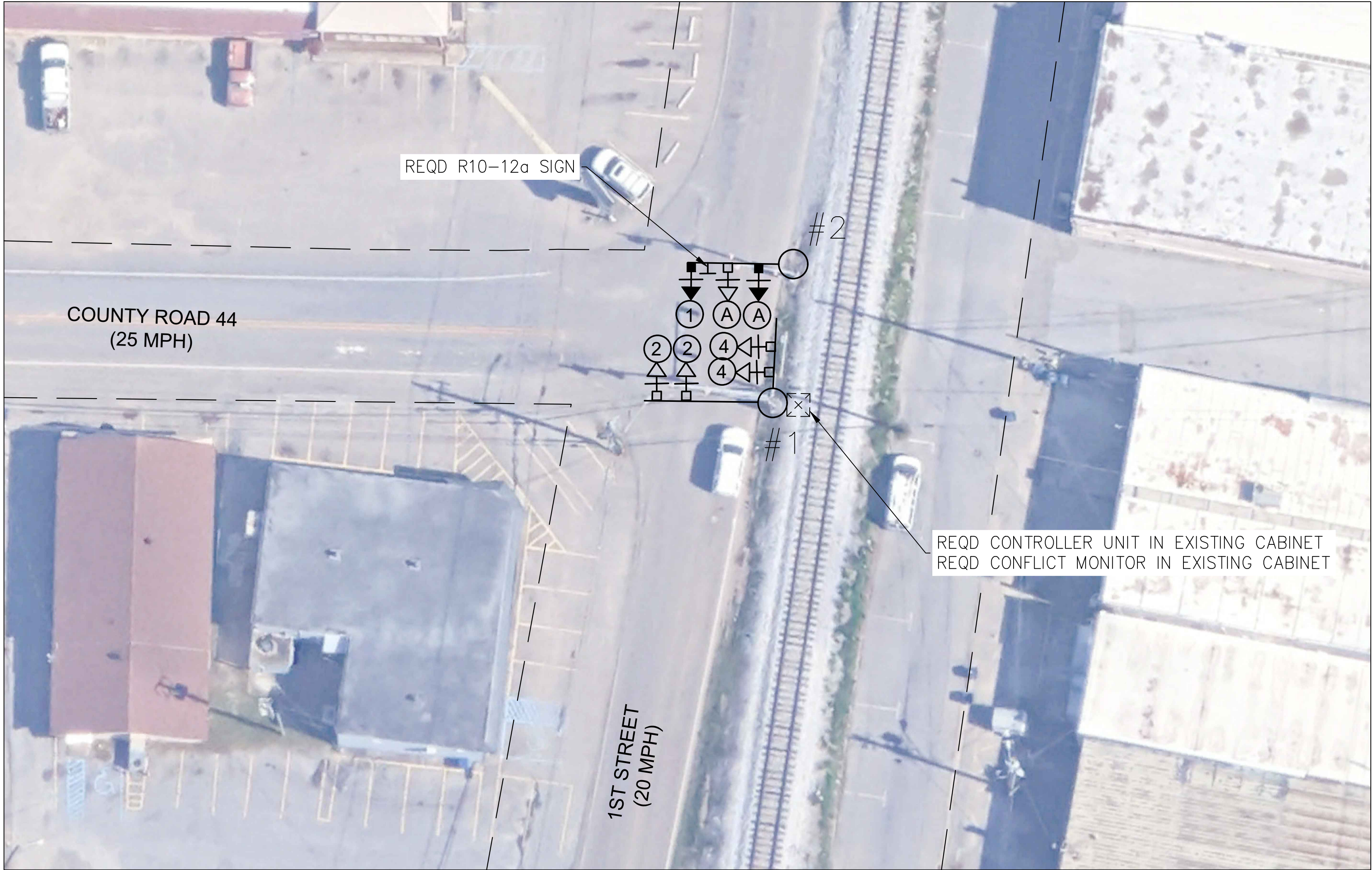
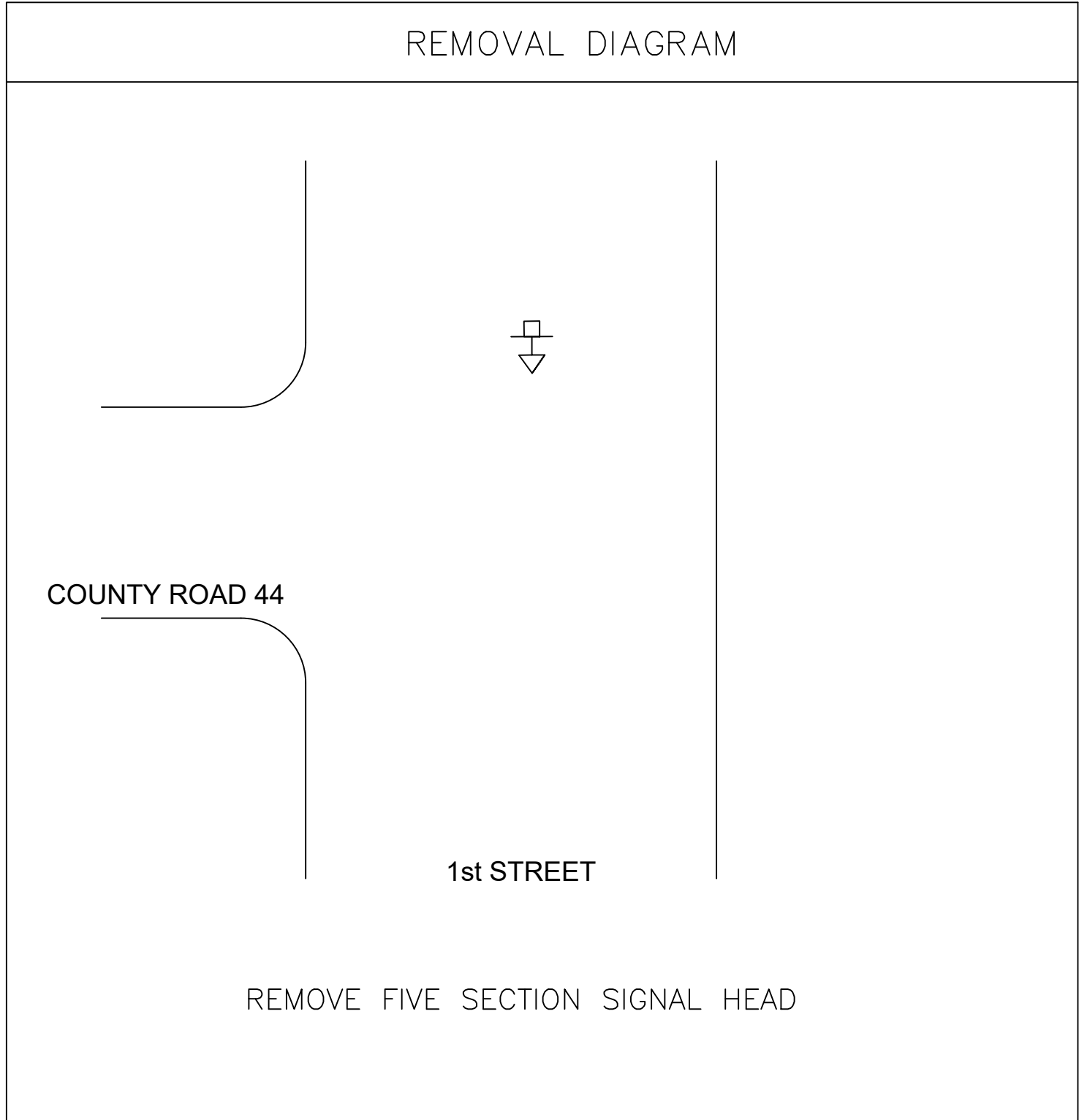
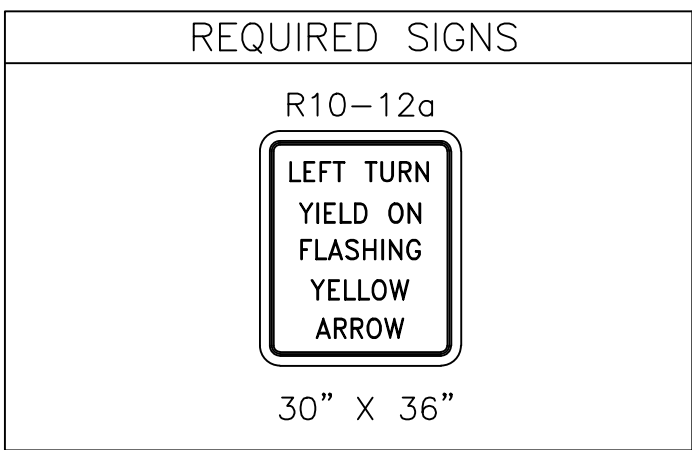
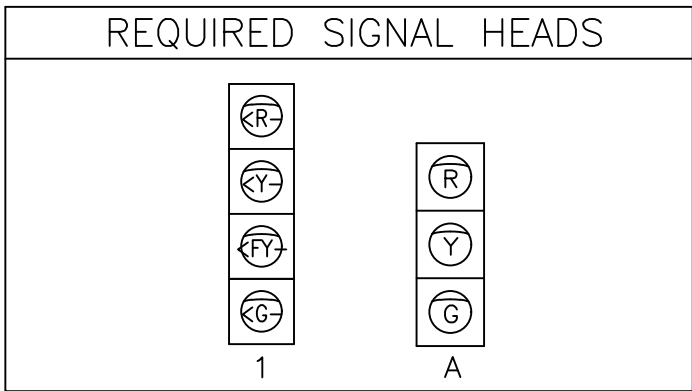
GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
4. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

SKIPPER CONSULTING INC

3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL
DATE:	DATE:	DATE:	FINAL SUBMITTAL

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #A



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 4. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

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3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION	20 0 20 40 	SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 44

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6

REQUIRED SIGNAL HEADS

⬆

⬇

⬅

⬆

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⬇

⬅

⬆

1

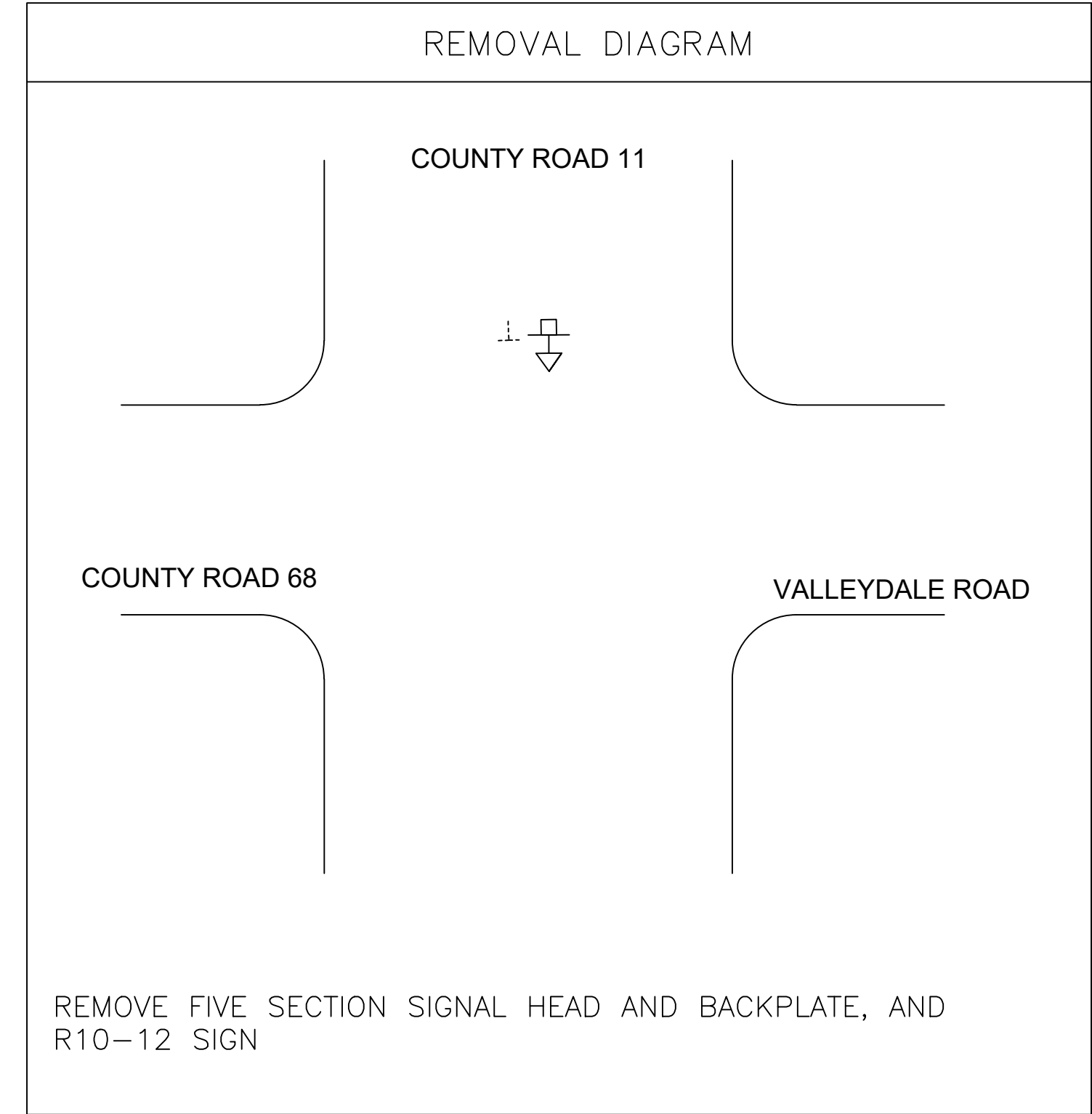
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REQUIRED SIGNS

R10-12a

LEFT TURN
YIELD ON
FLASHING
YELLOW
ARROW

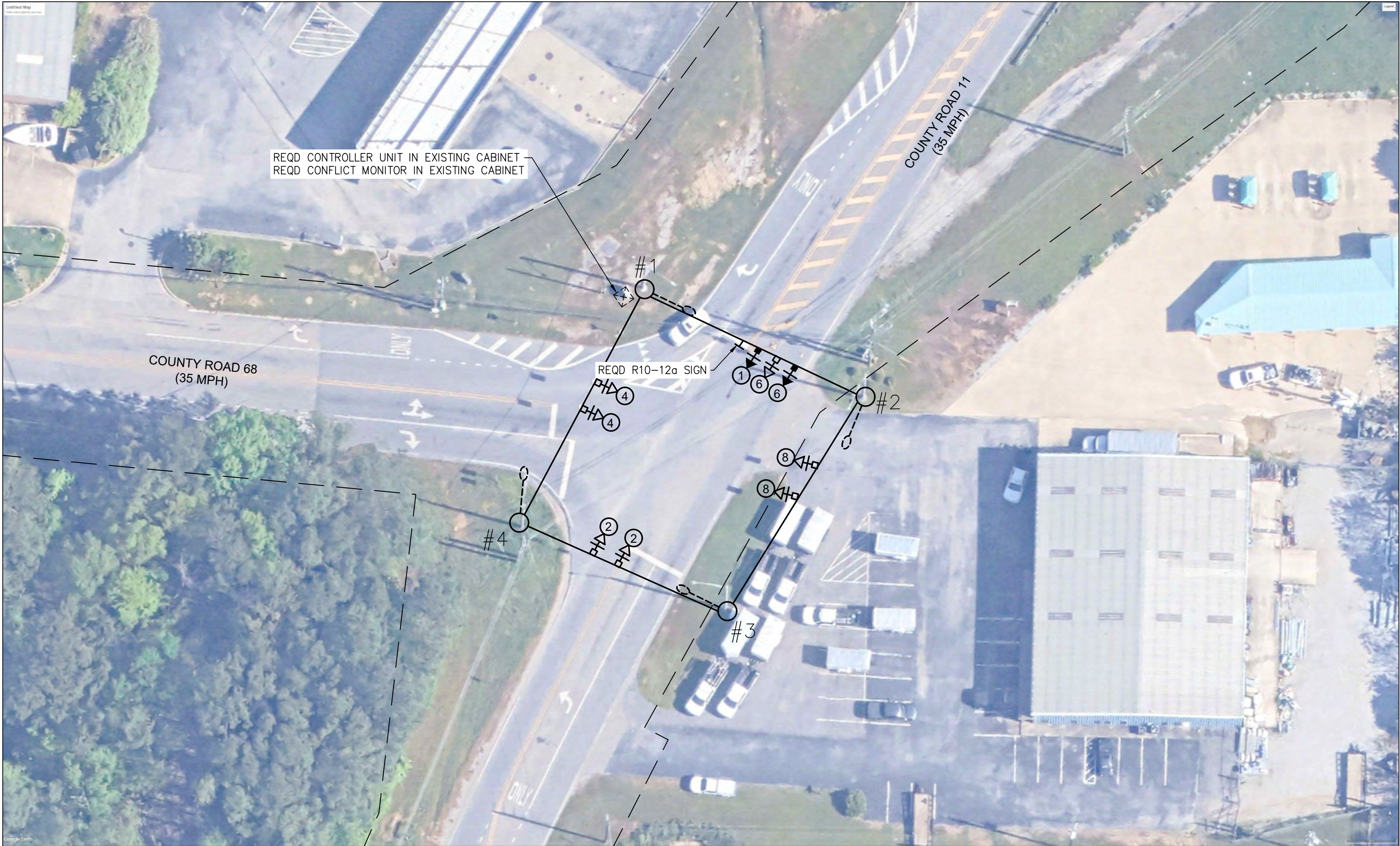
30" X 36"



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	<div>ALABAMA DEPARTMENT OF TRANSPORTATION</div>
DATE:	DATE:	DATE:	FINAL SUBMITTAL	

TRAFFIC SIGNAL LAYOUT – SITE 14
COUNTY ROAD 11 AT COUNTY ROAD 68



- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 4. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855



SHEET TITLE	ROUTE
TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 11

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #3
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #3	SIGNAL HEADS #8
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2
---	DETECTION CABLE	CONTROLLER	DETECTION SENSORS

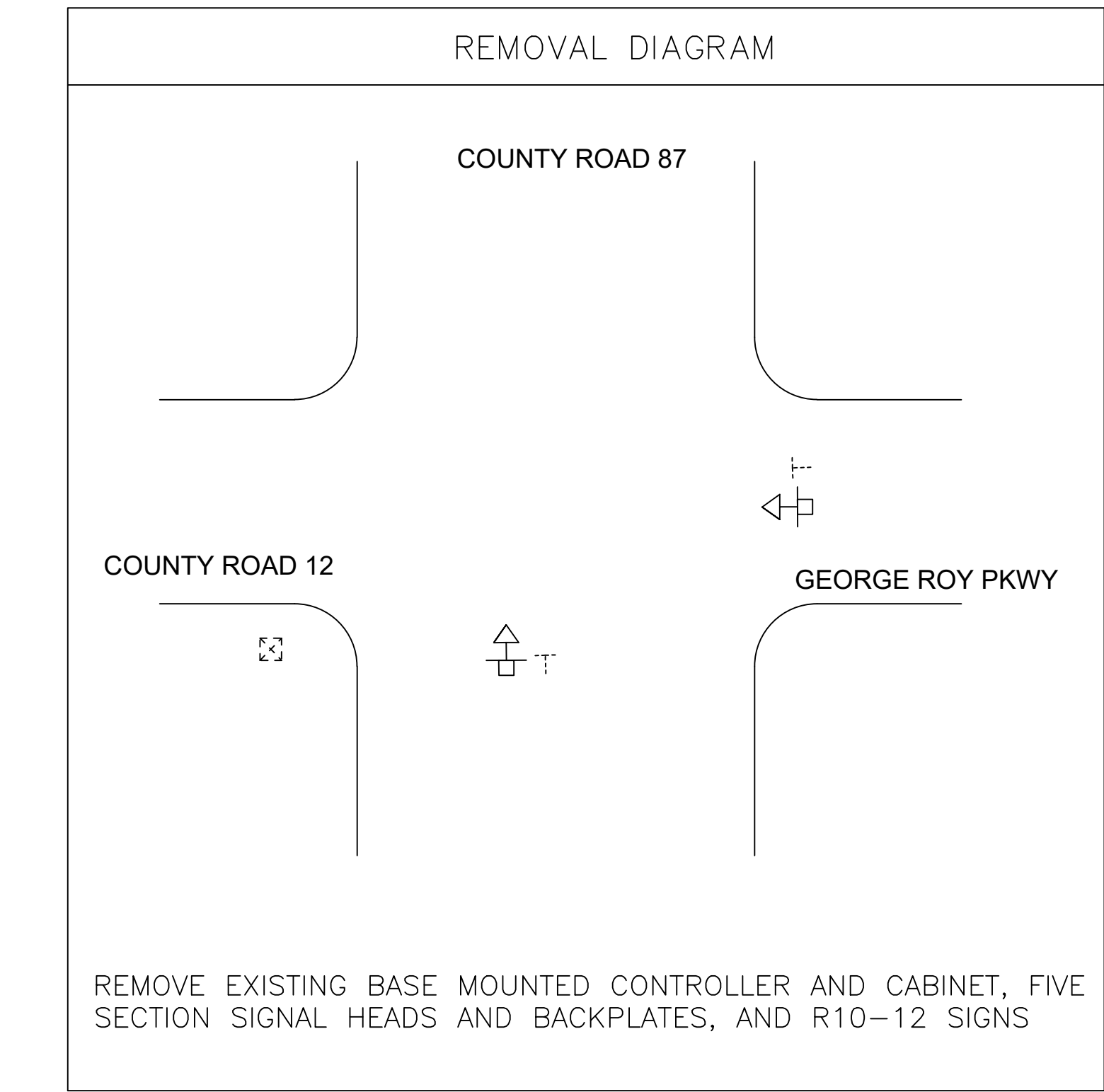
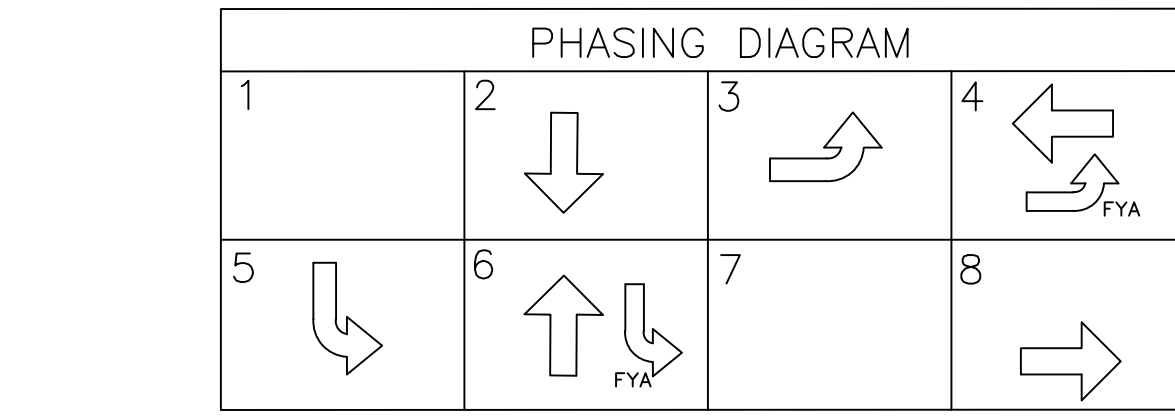
REQUIRED SIGNAL HEADS

REQUIRED SIGNS

R10-12a

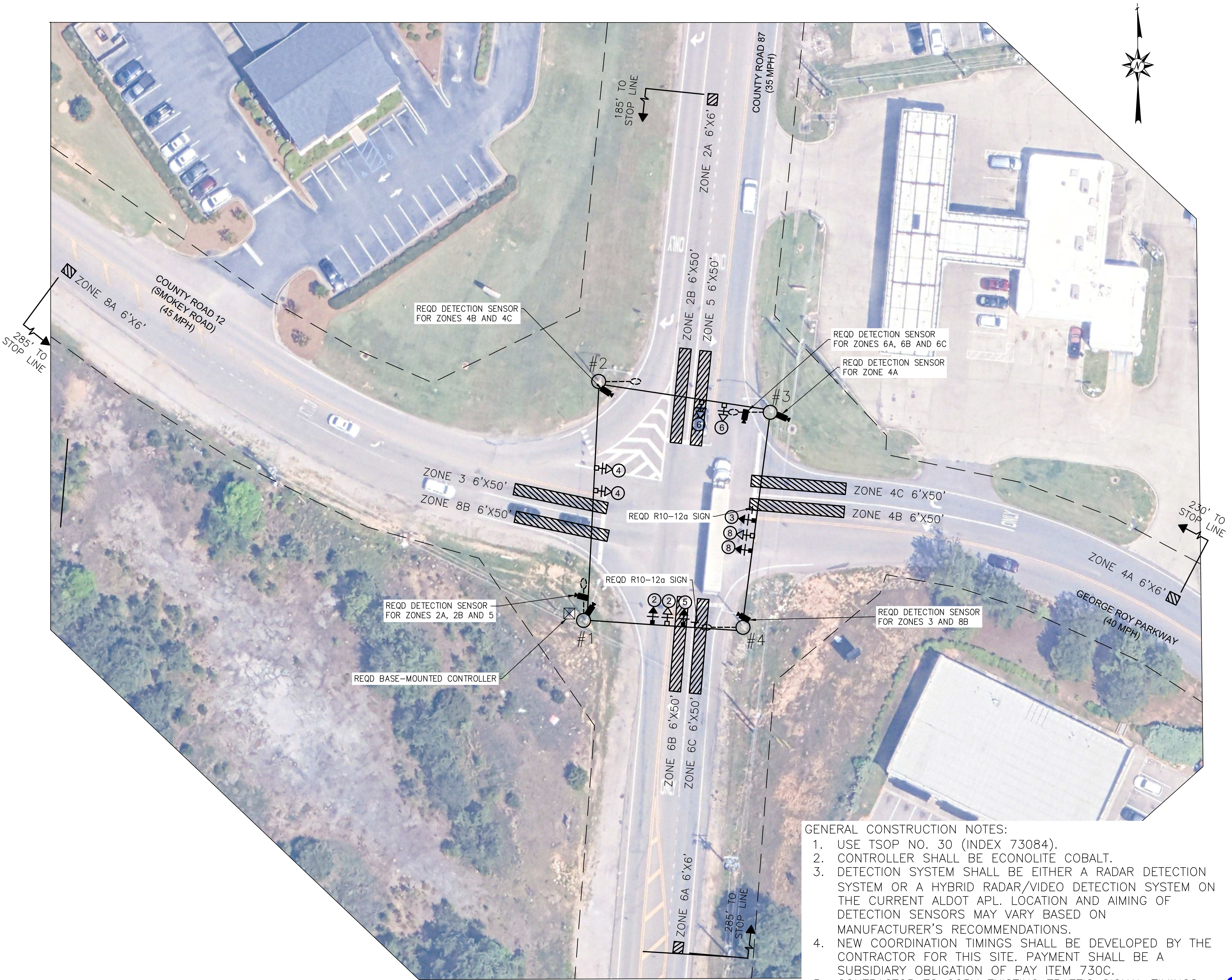
LEFT TURN
YIELD ON
FLASHING
YELLOW
ARROW

30" X 36"



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

TRAFFIC SIGNAL LAYOUT – SITE 16
COUNTY ROAD 87 AT COUNTY ROAD 12



- GENERAL CONSTRUCTION NOTES:
- USE TSOP NO. 30 (INDEX 73084).
 - CONTROLLER SHALL BE ECONOLITE COBALT.
 - DETECTION SYSTEM SHALL BE EITHER A RADAR DETECTION SYSTEM OR A HYBRID RADAR/VIDEO DETECTION SYSTEM ON THE CURRENT ALDOT APL. LOCATION AND AIMING OF DETECTION SENSORS MAY VARY BASED ON MANUFACTURER'S RECOMMENDATIONS.
 - NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.
 - CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 - FOR REQUIRED BASE MOUNTED CONTROLLERS, EXISTING CONDUIT IS TO BE RETAINED AND RE-USED AND NEW CABINET IS TO BE INSTALLED ON EXISTING CONCRETE PAD.

SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	30 0 30 60	SHEET TITLE		ROUTE	
						TRAFFIC SIGNAL LAYOUT		COUNTY ROAD 87	

TRAFFIC SIGNAL LAYOUT – SITE 17
COUNTY ROAD 12 AT COUNTY ROAD 22

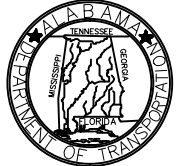

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH–MR24(902)	2026	20



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	

- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R–151.

SKIPPER
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3644 VANN ROAD SUITE 100
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TELEPHONE: (205)655–8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 12

TRAFFIC SIGNAL LAYOUT – SITE 18
COUNTY ROAD 11 AT COUNTY ROAD 36



REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH–MR24(902)	2026	21



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	

- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R–151.

SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655–8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 11

TRAFFIC SIGNAL LAYOUT – SITE 19
COUNTY ROAD 11 AT COUNTY ROAD 280


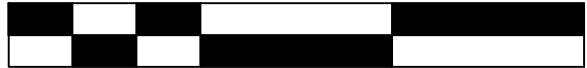
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	22



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	

- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.

SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 11

TRAFFIC SIGNAL LAYOUT – SITE 20
COUNTY ROAD 39 AT COUNTY ROAD 47


REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH–MR24(902)	2026	23



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)
DESCRIPTION
MISC. HARDWARE

- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R–151.

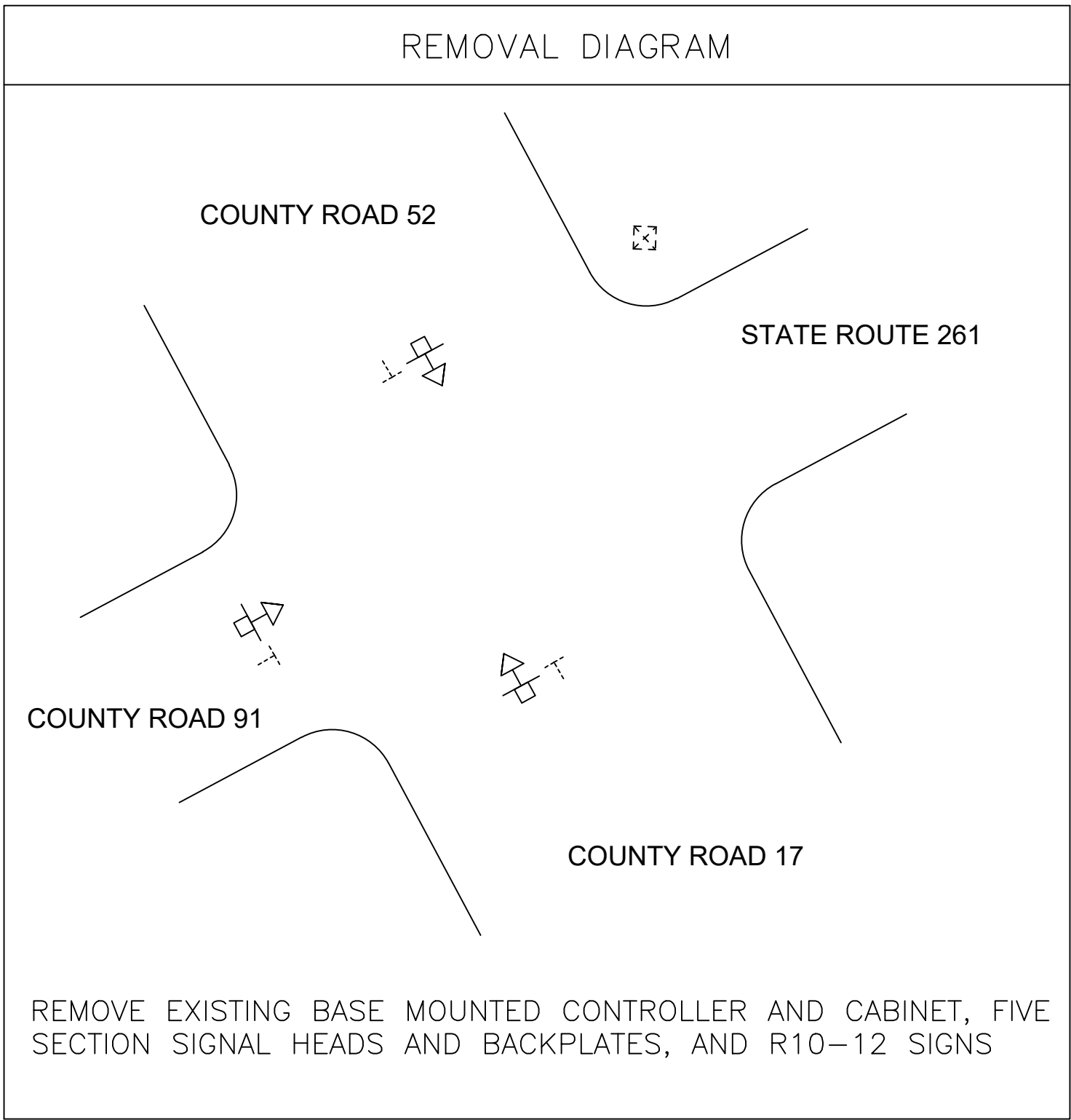
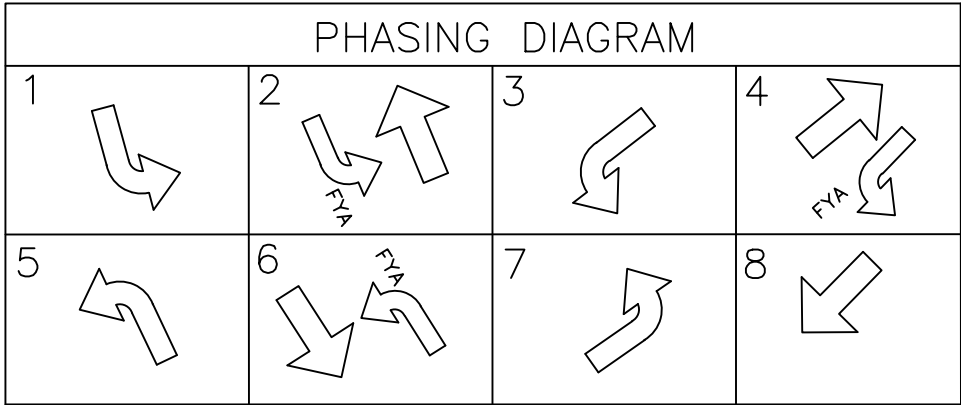
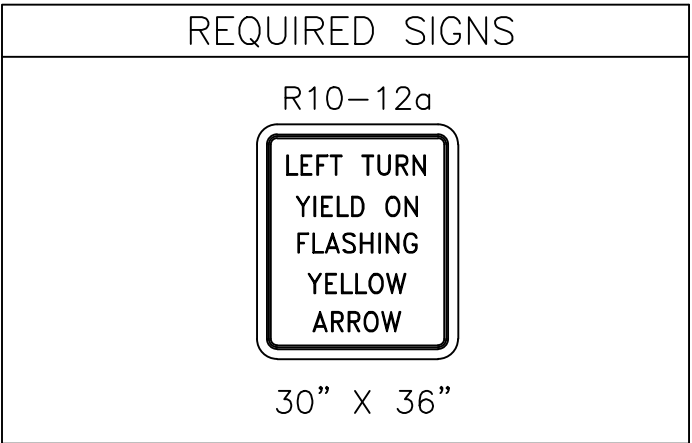
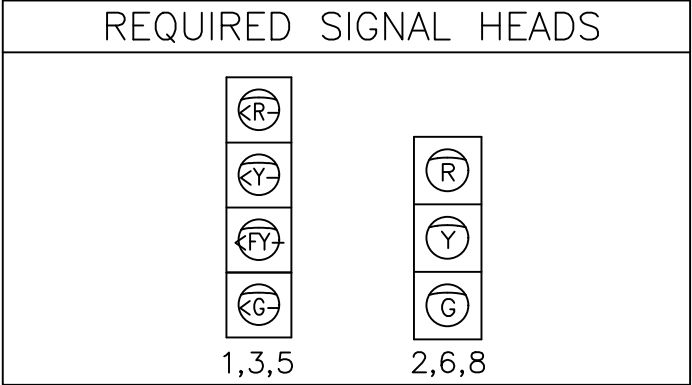
SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655–8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 39

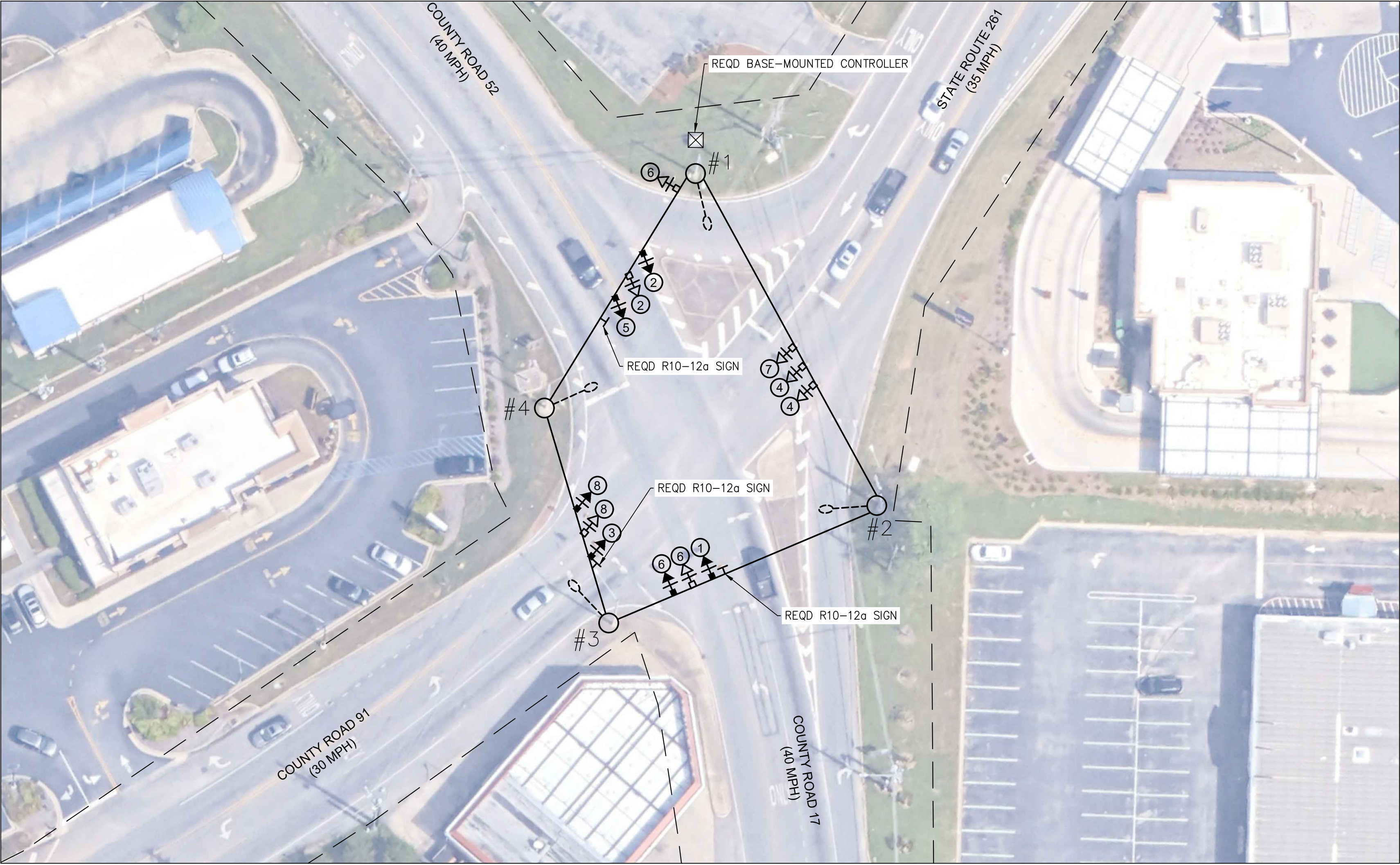
TRAFFIC SIGNAL LAYOUT – SITE 21
COUNTY ROAD 17 AT STATE ROUTE 261

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH–MR24(902)	2026	24

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C–#14 AWG IMSA 20–1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C–#14 AWG IMSA 20–1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEAD #6
---	10C–#14 AWG IMSA 20–1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #3
---	4C–#14 AWG IMSA 20–1 SIGNAL CABLE	SIGNAL HEAD #3	SIGNAL HEAD #8
---	10C–#14 AWG IMSA 20–1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C–#14 AWG IMSA 20–1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEAD #2



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20–1 SIGNAL CABLE	
R10–12a SIGNS WITH ATTACHMENTS	



- GENERAL CONSTRUCTION NOTES:
1. USE TSOP NO. 30 (INDEX 73084).
 2. CONTROLLER SHALL BE ECONOLITE COBALT.
 3. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R–151.

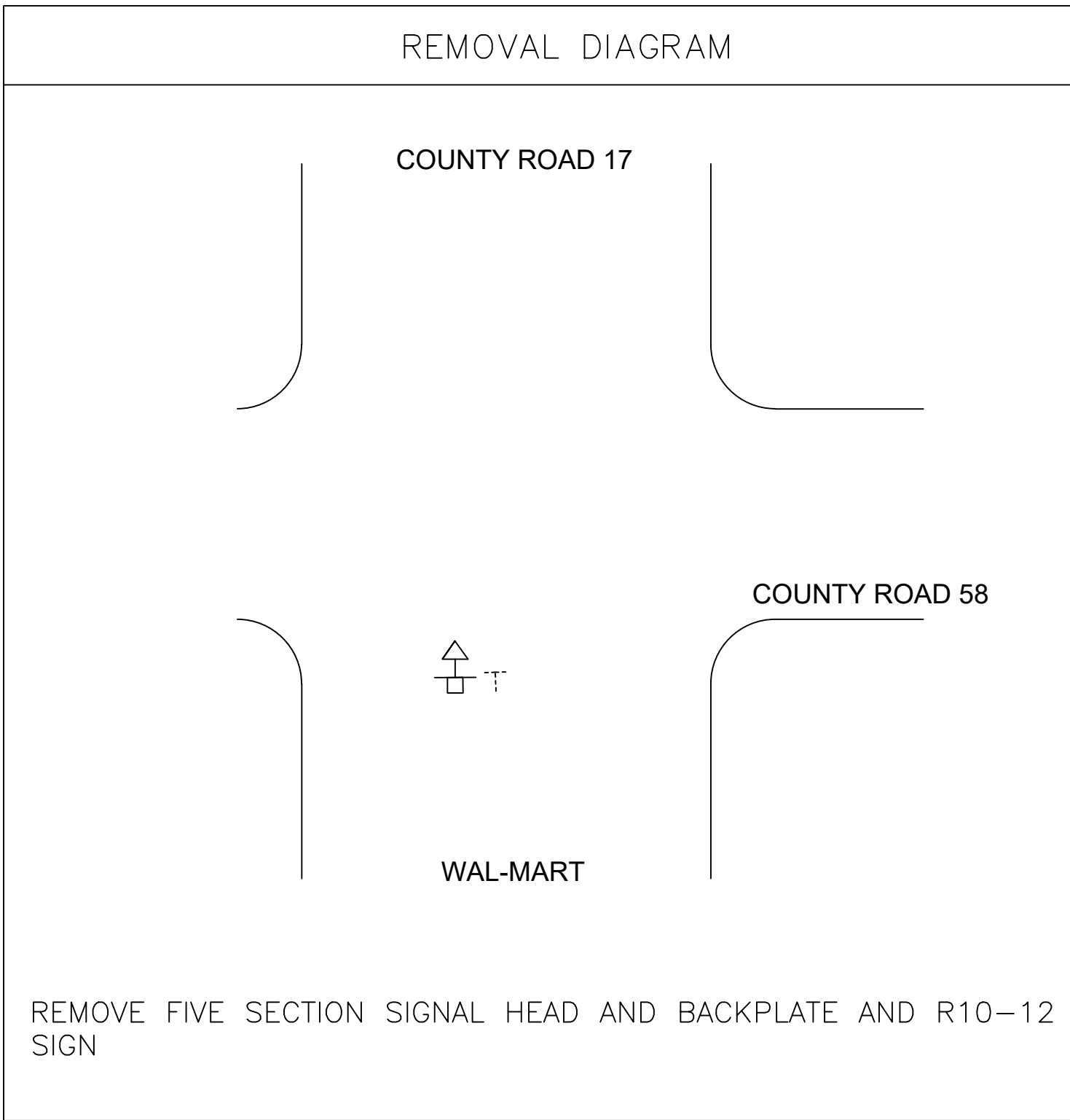
SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655–8855

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	30 0 30 60	SHEET TITLE		ROUTE	
						TRAFFIC SIGNAL LAYOUT		COUNTY ROAD 39	

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #2

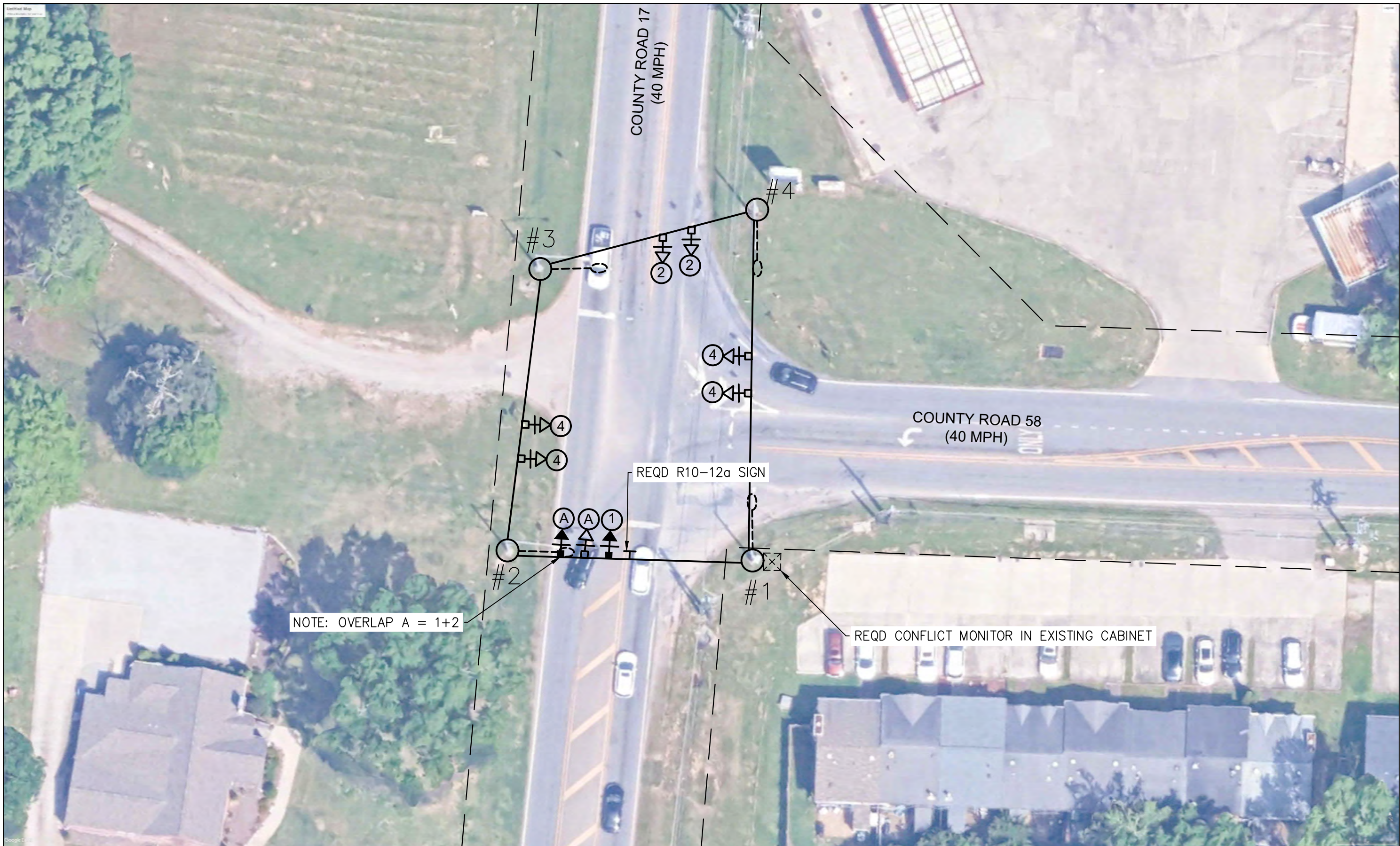
REQUIRED SIGNAL HEADS	
<div><div>Ⓡ</div><div>Ⓢ</div><div>Ⓣ</div><div>Ⓢ</div><div>Ⓢ</div></div>	<div><div>Ⓡ</div><div>Ⓢ</div><div>Ⓢ</div><div>Ⓢ</div></div>
1	A

REQUIRED SIGNS
<div>R10-12a</div> <div>LEFT TURN YIELD ON FLASHING YELLOW ARROW</div>
30" X 36"



TRAFFIC SIGNAL LAYOUT – SITE 22
COUNTY ROAD 17 AT COUNTY ROAD 58

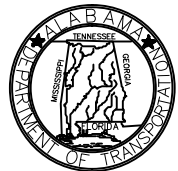

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	25



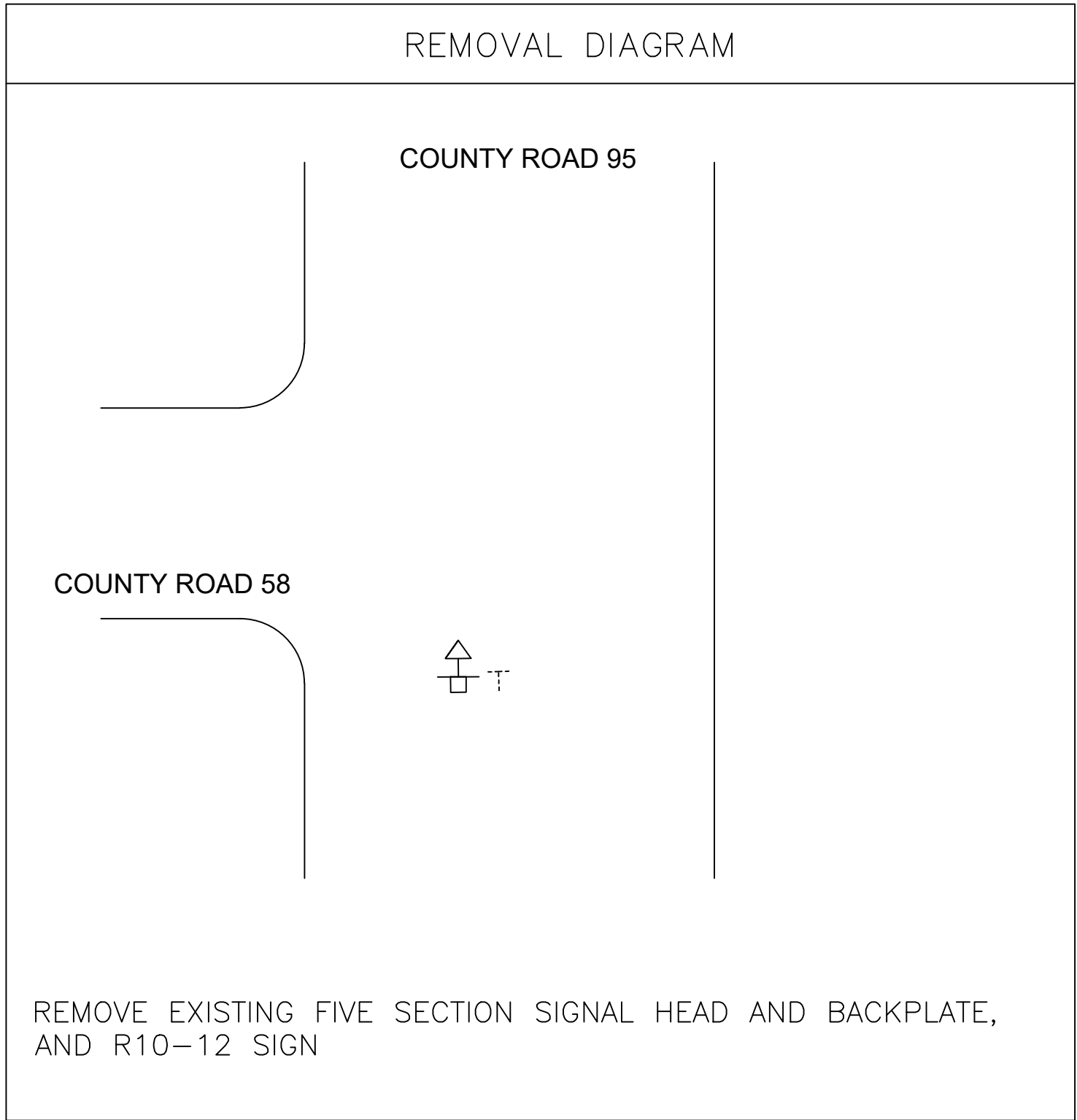
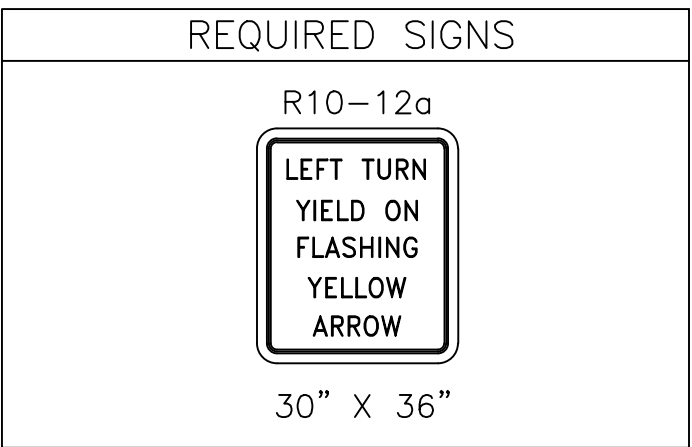
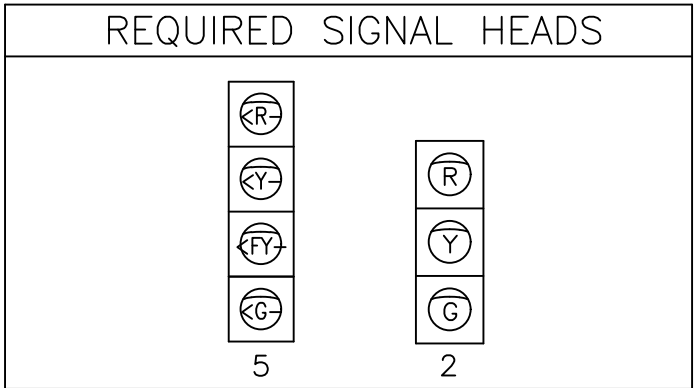
ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)
DESCRIPTION
MISC. HARDWARE
#14 AWG IMSA 20-1 SIGNAL CABLE
R10-12a SIGNS WITH ATTACHMENTS

- GENERAL CONSTRUCTION NOTES:
- REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION	<div>30060</div> 	SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 17

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

TRAFFIC SIGNAL LAYOUT – SITE 23
COUNTY ROAD 95 AT COUNTY ROAD 58



- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 4. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.







SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

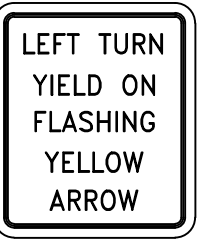
	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL		30 0 30 60 	SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 95

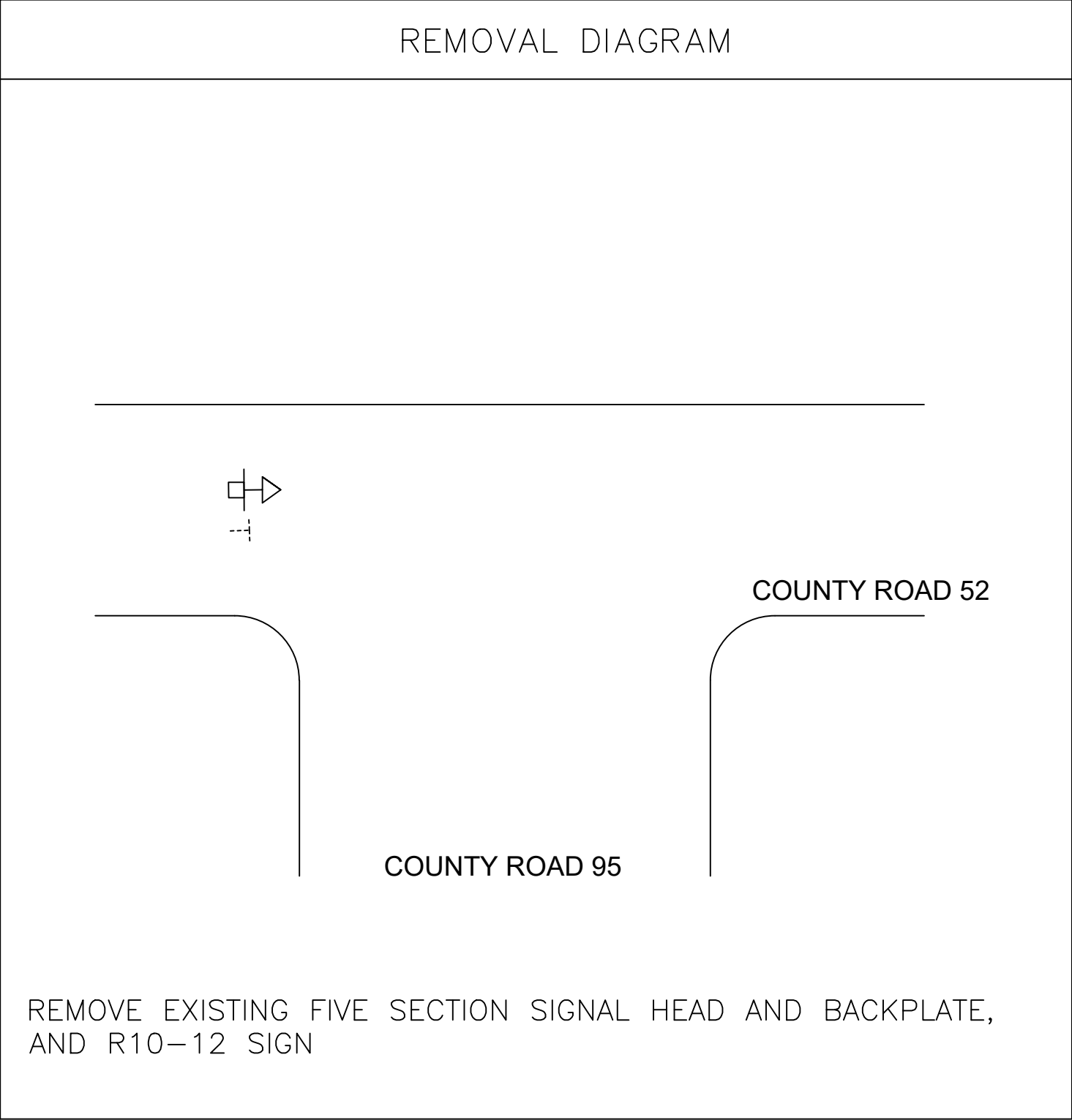
TRAFFIC SIGNAL LAYOUT – SITE 24
COUNTY ROAD 95 AT COUNTY ROAD 52

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	27

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2

REQUIRED SIGNAL HEADS	
	
	
	
5	2

REQUIRED SIGNS
R10-12a

30" X 36"



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

GENERAL CONSTRUCTION NOTES:
1. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

SKIPPER
CONSULTING INC
3644 VANN ROAD, SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

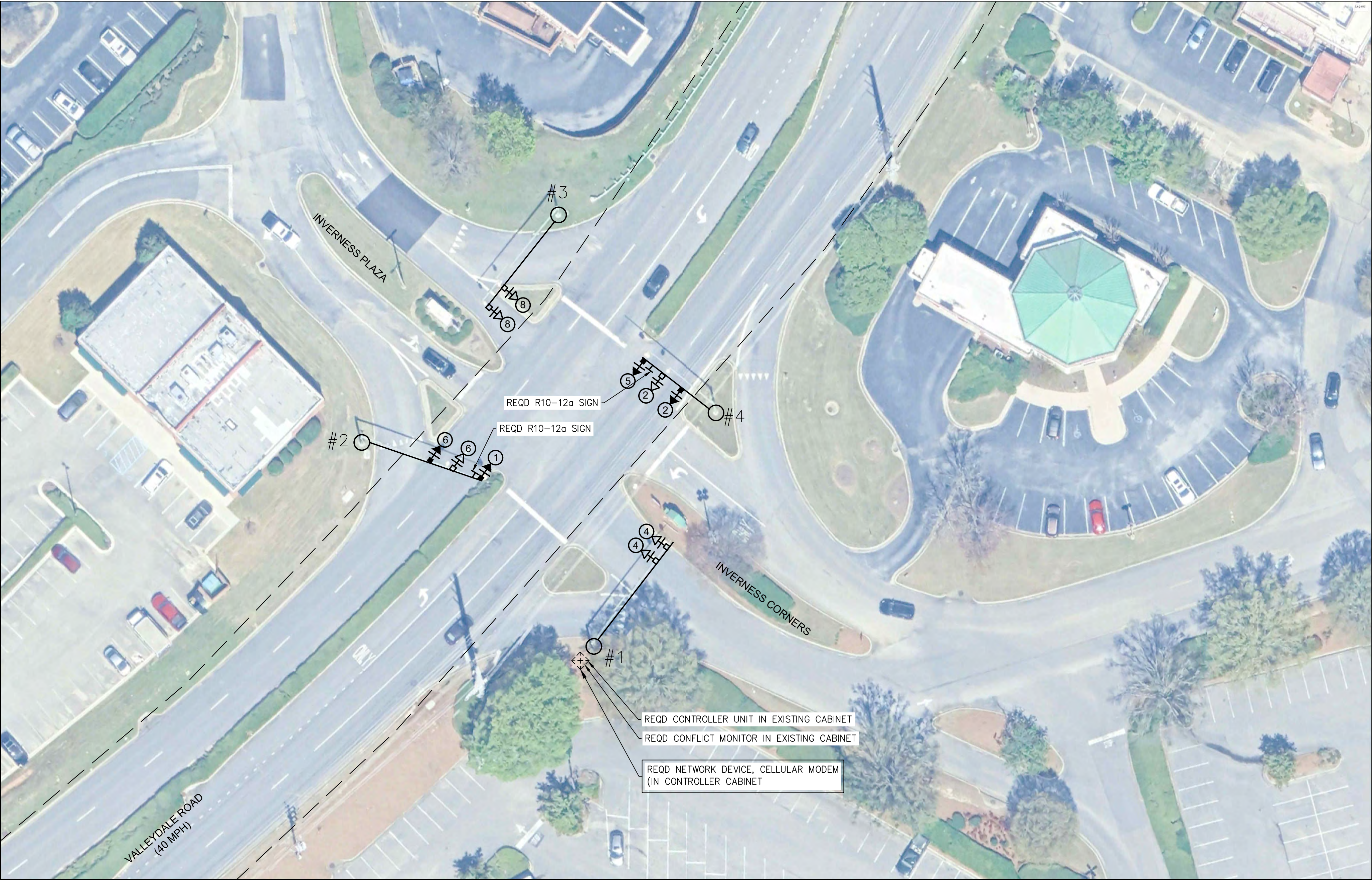
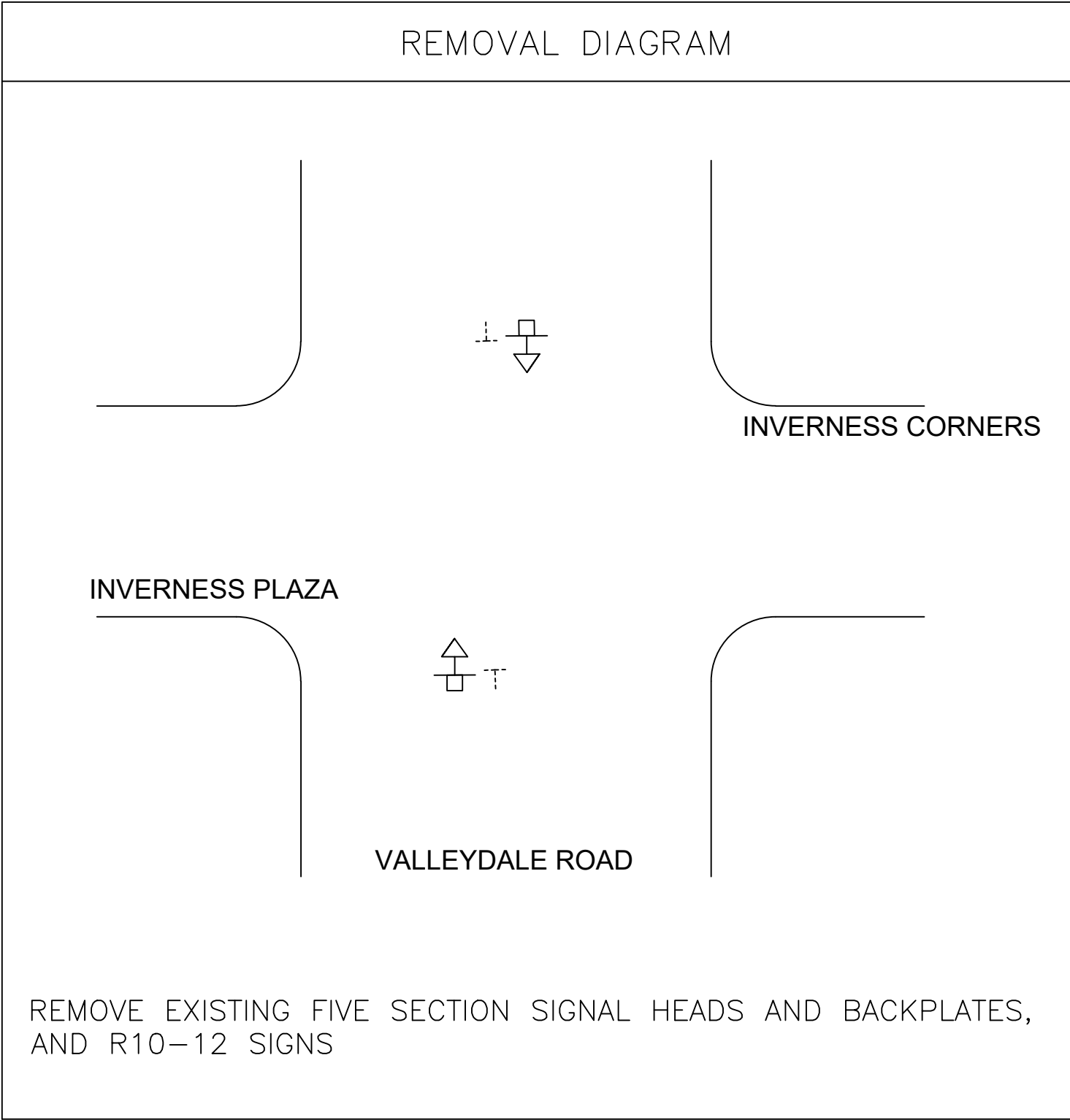
	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 95

TRAFFIC SIGNAL LAYOUT – SITE 25
VALLEYDALE ROAD AT INVERNESS PLAZA

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH–MR24(902)	2026	28

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2

REQUIRED SIGNAL HEADS	REQUIRED SIGNS
<div><div><div>⬆</div><div>⬇</div><div>⬆</div><div>⬇</div></div><div><div>R</div><div>Y</div><div>G</div></div></div> <div>1,52,6</div>	<div>R10-12a</div> <div>LEFT TURN YIELD ON FLASHING YELLOW ARROW</div> <div>30" X 36"</div>



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)
DESCRIPTION
MISC. HARDWARE
#14 AWG IMSA 20-1 SIGNAL CABLE
R10-12a SIGNS WITH ATTACHMENTS

- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
 3. REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 4. NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.
 5. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 6. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 7. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

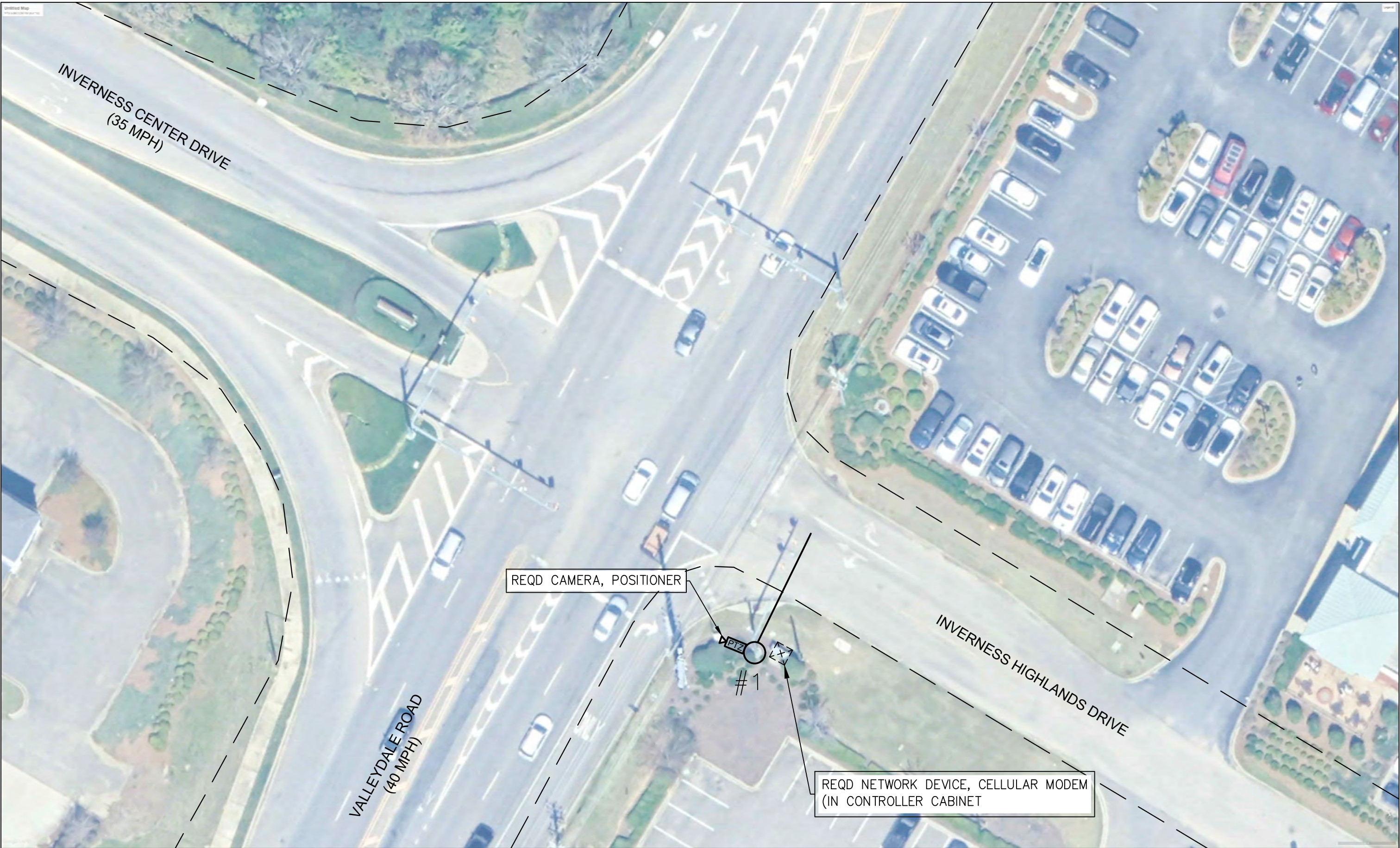
SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	FINAL SUBMITTAL		ALABAMA DEPARTMENT OF TRANSPORTATION	<div>3003060</div>	SHEET TITLE	ROUTE
								TRAFFIC SIGNAL LAYOUT	VALLEYDALE ROAD

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	CAT5E CABLE	CONTROLLER	PTZ CAMERA

TRAFFIC SIGNAL LAYOUT – SITE 26
VALLEYDALE ROAD AT INVERNESS CENTER DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	29

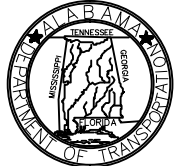



- GENERAL CONSTRUCTION NOTES:
1. A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
 2. REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 3. REQUIRED CAMERA, POSITIONER SHALL BE A WTI VIPER H.264 CAMERA WITH SIDEWINDER WALL MOUNT.
 4. NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	

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3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	VALLEYDALE ROAD

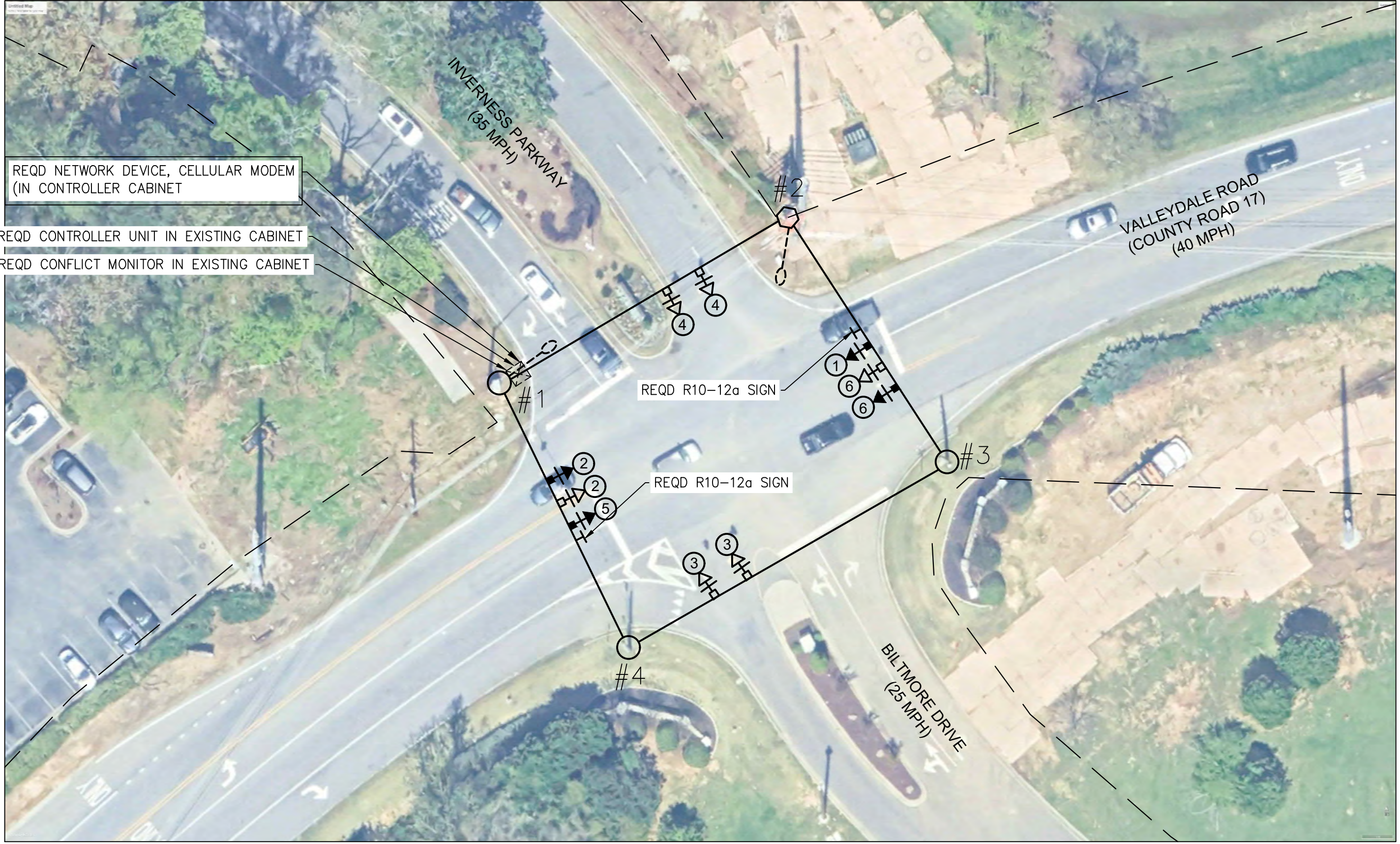
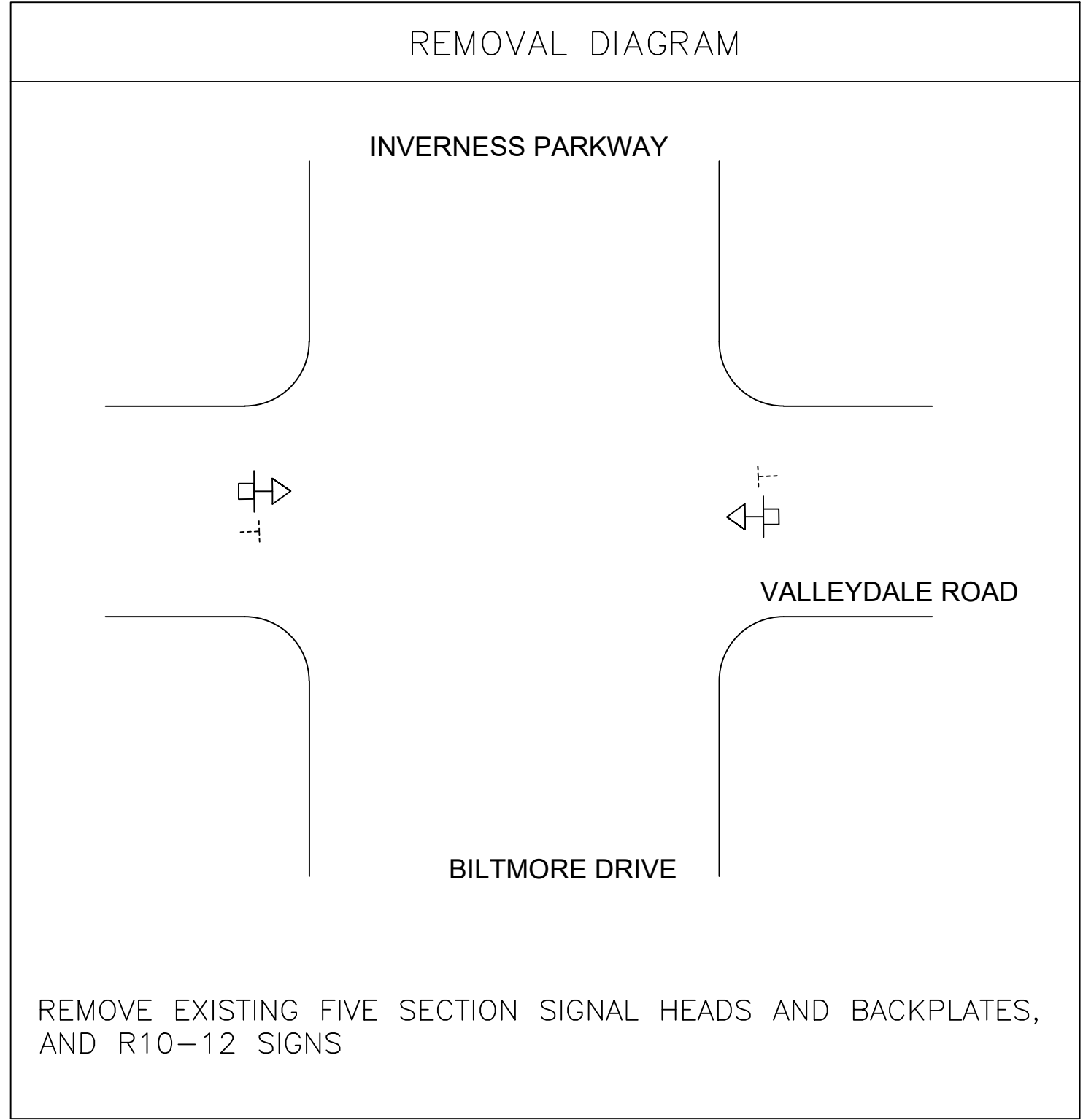
CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2

TRAFFIC SIGNAL LAYOUT – SITE 27
VALLEYDALE ROAD AT INVERNESS PARKWAY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	30

REQUIRED SIGNAL HEADS	
1,5	2,6

REQUIRED SIGNS
R10-12a 30" X 36"



- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
 3. REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 4. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 5. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 6. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	VALLEYDALE ROAD

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3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6

TRAFFIC SIGNAL LAYOUT – SITE 28
VALLEYDALE ROAD AT JAGUAR DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	31

REQUIRED SIGNAL HEADS

Ⓢ

Ⓟ

Ⓡ

Ⓢ

Ⓡ

Ⓢ

Ⓢ

1

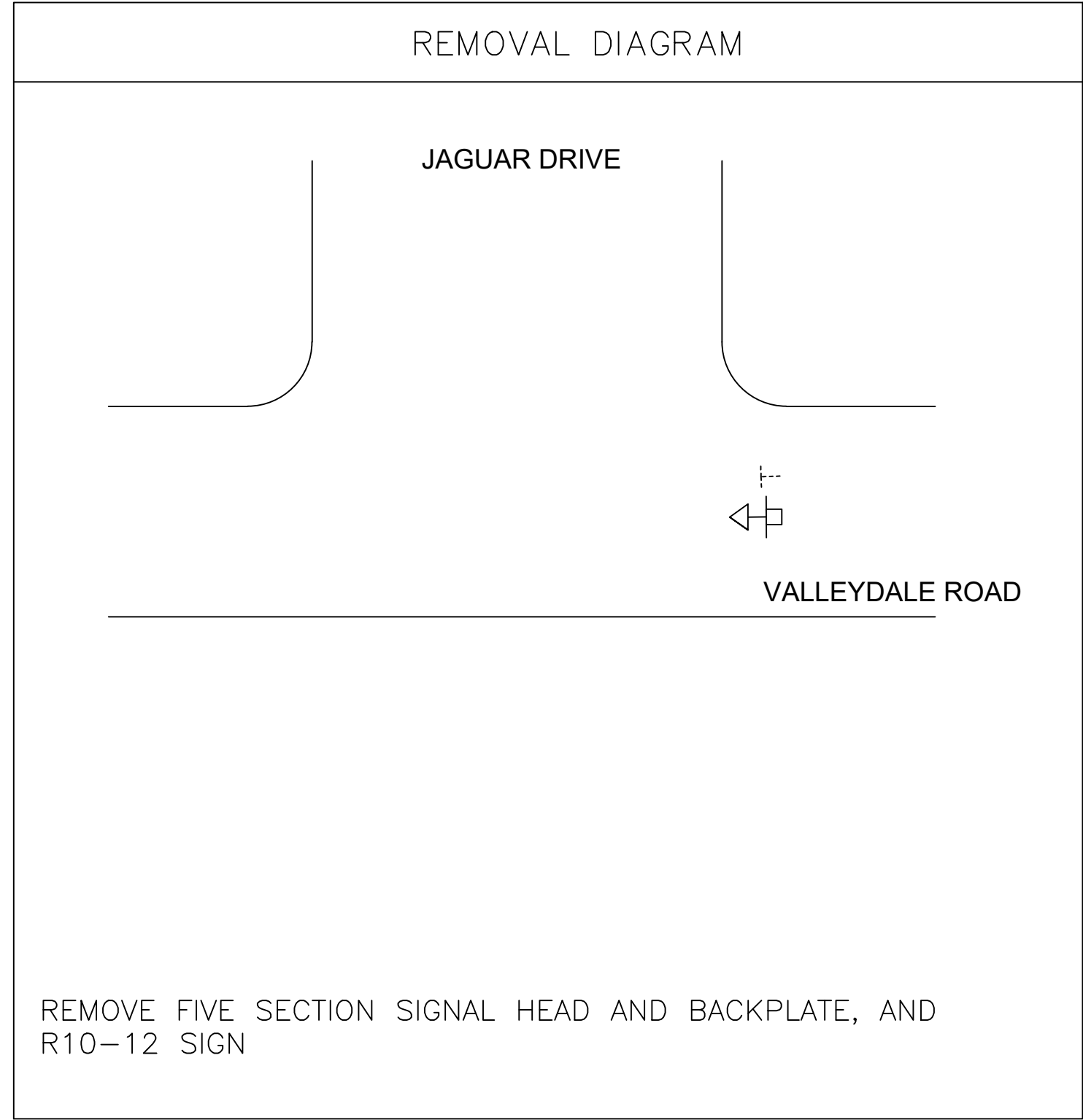
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REQUIRED SIGNS

R10-12a

LEFT TURN
YIELD ON
FLASHING
YELLOW
ARROW







30" X 36"

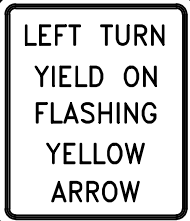


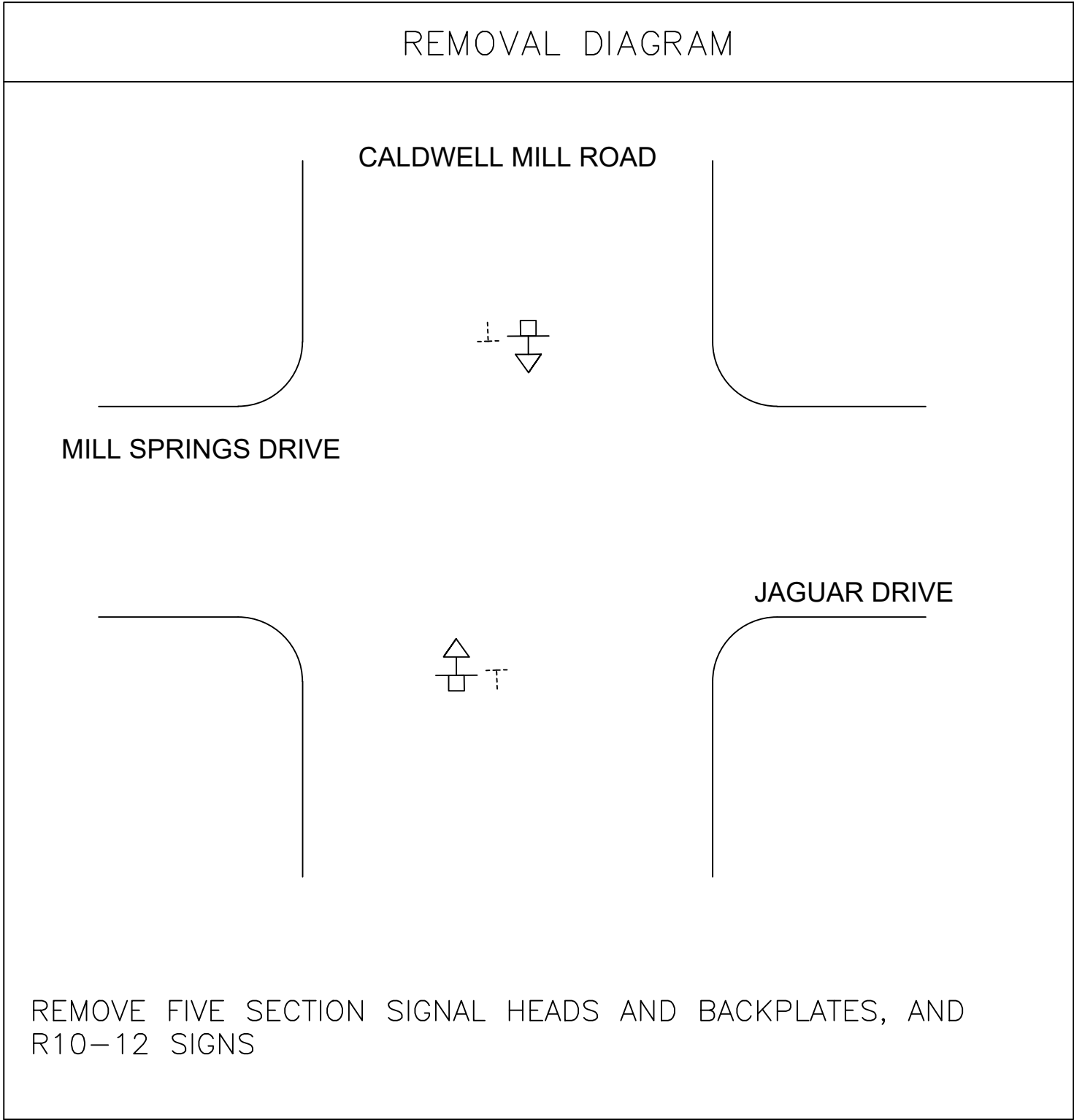
TRAFFIC SIGNAL LAYOUT – SITE 29
CALDWELL MILL ROAD AT JAGUAR DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	32

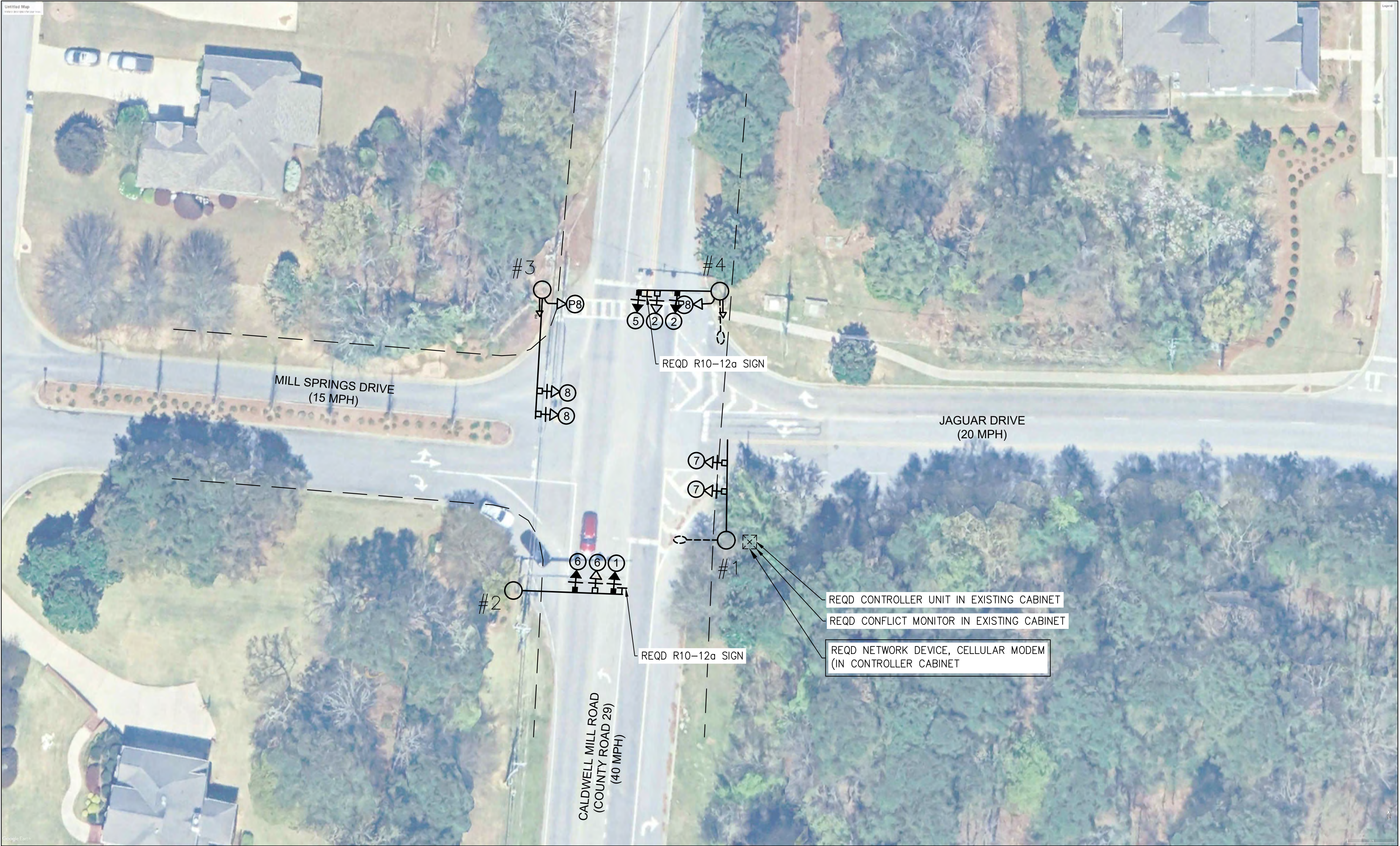
CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2

REQUIRED SIGNAL HEADS	
	
	
	
1,5	2,6

REQUIRED SIGNS
R10-12a

30" X 36"



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)
DESCRIPTION
MISC. HARDWARE
#14 AWG IMSA 20-1 SIGNAL CABLE
R10-12a SIGNS WITH ATTACHMENTS



- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
 3. REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 4. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 5. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 6. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

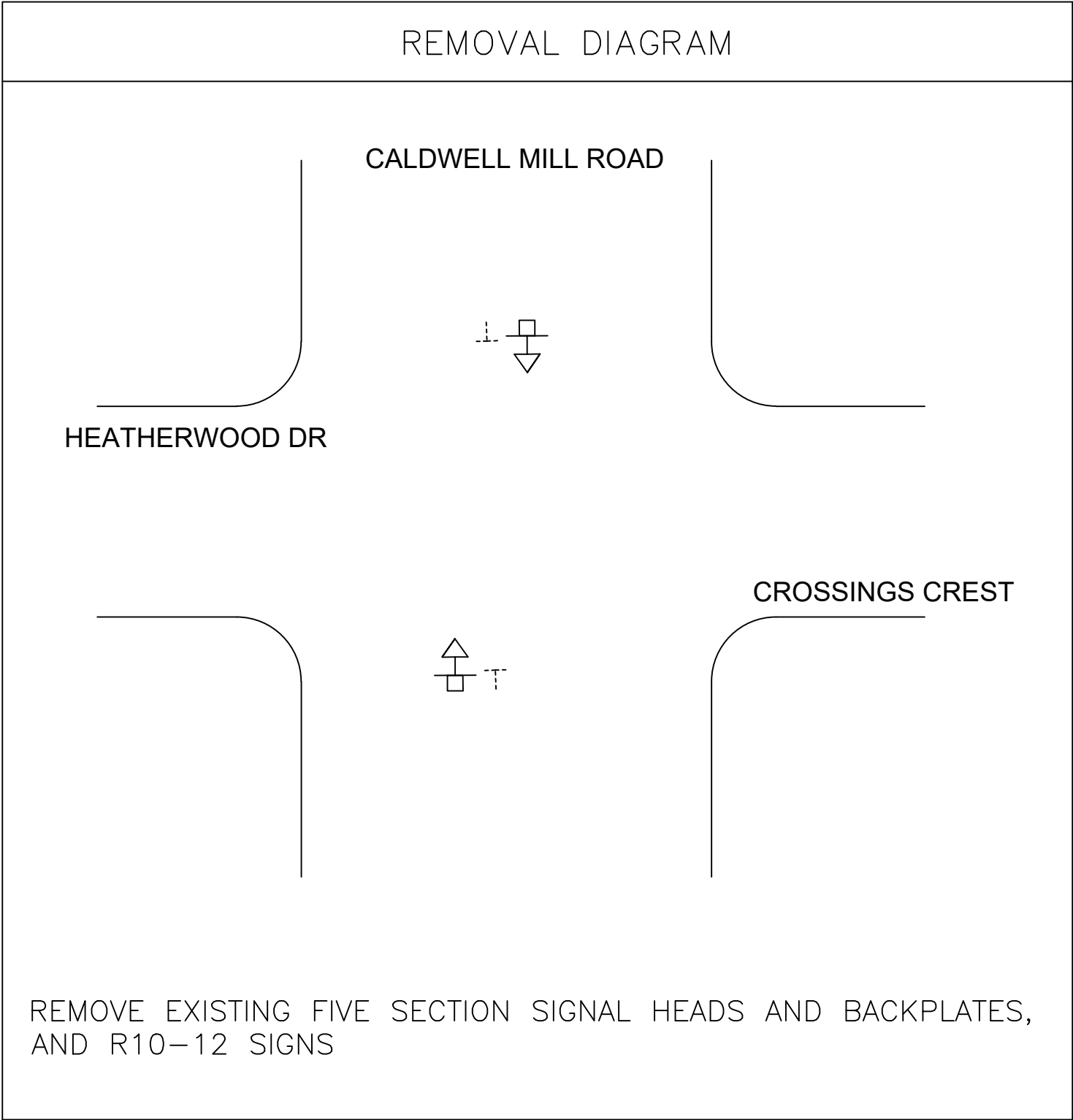
RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
						TRAFFIC SIGNAL LAYOUT	CALDWELL MILL ROAD

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TELEPHONE: (205)655-8855

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2

REQUIRED SIGNAL HEADS	
1,5	2,6

REQUIRED SIGNS
30" X 36"



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

TRAFFIC SIGNAL LAYOUT – SITE 30 CALDWELL MILL ROAD AT HEATHERWOOD DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	33



- GENERAL CONSTRUCTION NOTES:
1. A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
 2. REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 3. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 4. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

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TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL		30 0 30 60	SHEET TITLE		ROUTE	
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT		CALDWELL MILL ROAD	

TRAFFIC SIGNAL LAYOUT – SITE 31
VALLEYDALE ROAD AT SOUTHLAKE PARKWAY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH–MR24(902)	2026	34



GENERAL CONSTRUCTION NOTES:
1. NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	

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CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	VALLEYDALE ROAD

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6

TRAFFIC SIGNAL LAYOUT – SITE 32
VALLEYDALE ROAD AT LOWES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	35

REQUIRED SIGNAL HEADS

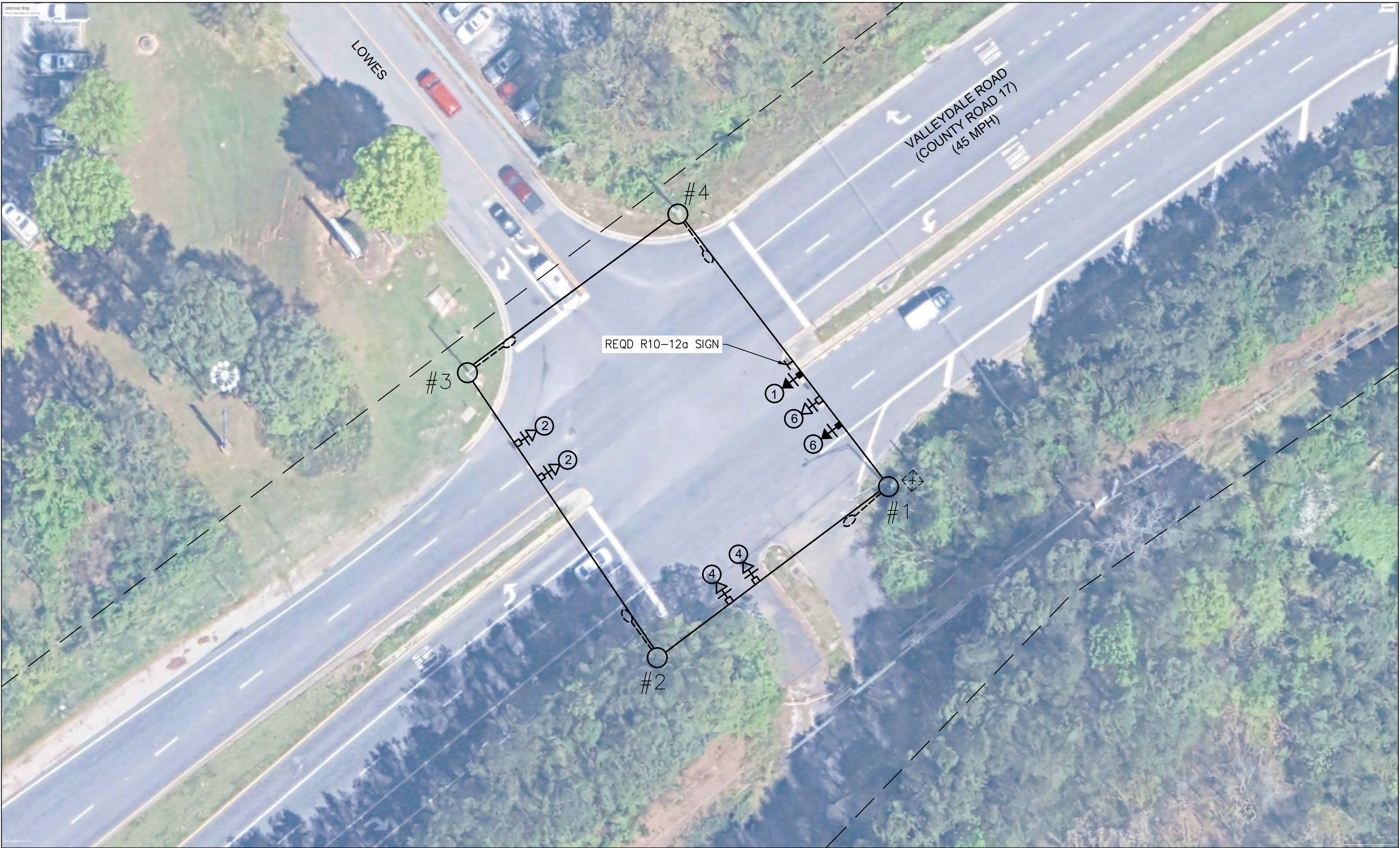
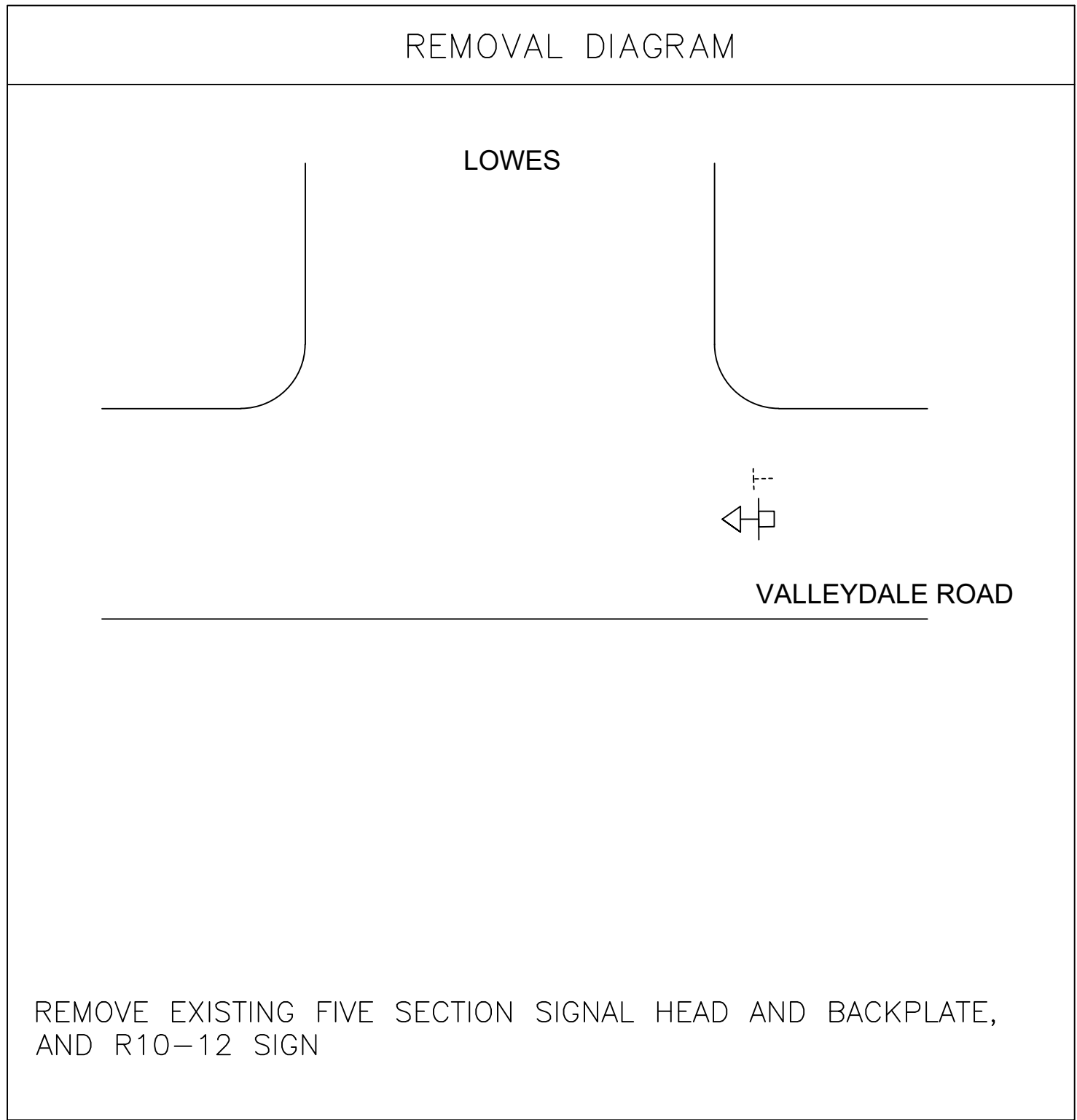
16

REQUIRED SIGNS

R10-12a

LEFT TURN
YIELD ON
FLASHING
YELLOW
ARROW

30" X 36"



- GENERAL CONSTRUCTION NOTES:
1. NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	CAT5E CABLE	CONTROLLER	PTZ CAMERA

TRAFFIC SIGNAL LAYOUT – SITE 33
VALLEYDALE ROAD AT I-65 NORTHBOUND RAMPS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	36



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	

- GENERAL CONSTRUCTION NOTES:
1. REQUIRED CAMERA, POSITIONER SHALL BE A WTI VIPER H.264 CAMERA WITH SIDEWINDER WALL MOUNT.
 2. NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.

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CONSULTING INC
3614 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	VALLEYDALE ROAD

TRAFFIC SIGNAL LAYOUT – SITE 34
VALLEYDALE ROAD AT I-65 SOUTHBOUND RAMPS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH–MR24(902)	2026	37

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	CAT5E CABLE	CONTROLLER	PTZ CAMERA



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	

- GENERAL CONSTRUCTION NOTES:
1. REQUIRED CAMERA, POSITIONER SHALL BE A WTI VIPER H.264 CAMERA WITH SIDEWINDER WALL MOUNT.
 2. NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.

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3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	VALLEYDALE ROAD

TRAFFIC SIGNAL LAYOUT – SITE 35
VALLEYDALE ROAD AT RIVERCHASE PARKWAY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	38



GENERAL CONSTRUCTION NOTES:
1. NEW COORDINATION TIMINGS SHALL BE DEVELOPED BY THE CONTRACTOR FOR THIS SITE. PAYMENT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730C.

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)
DESCRIPTION
MISC. HARDWARE

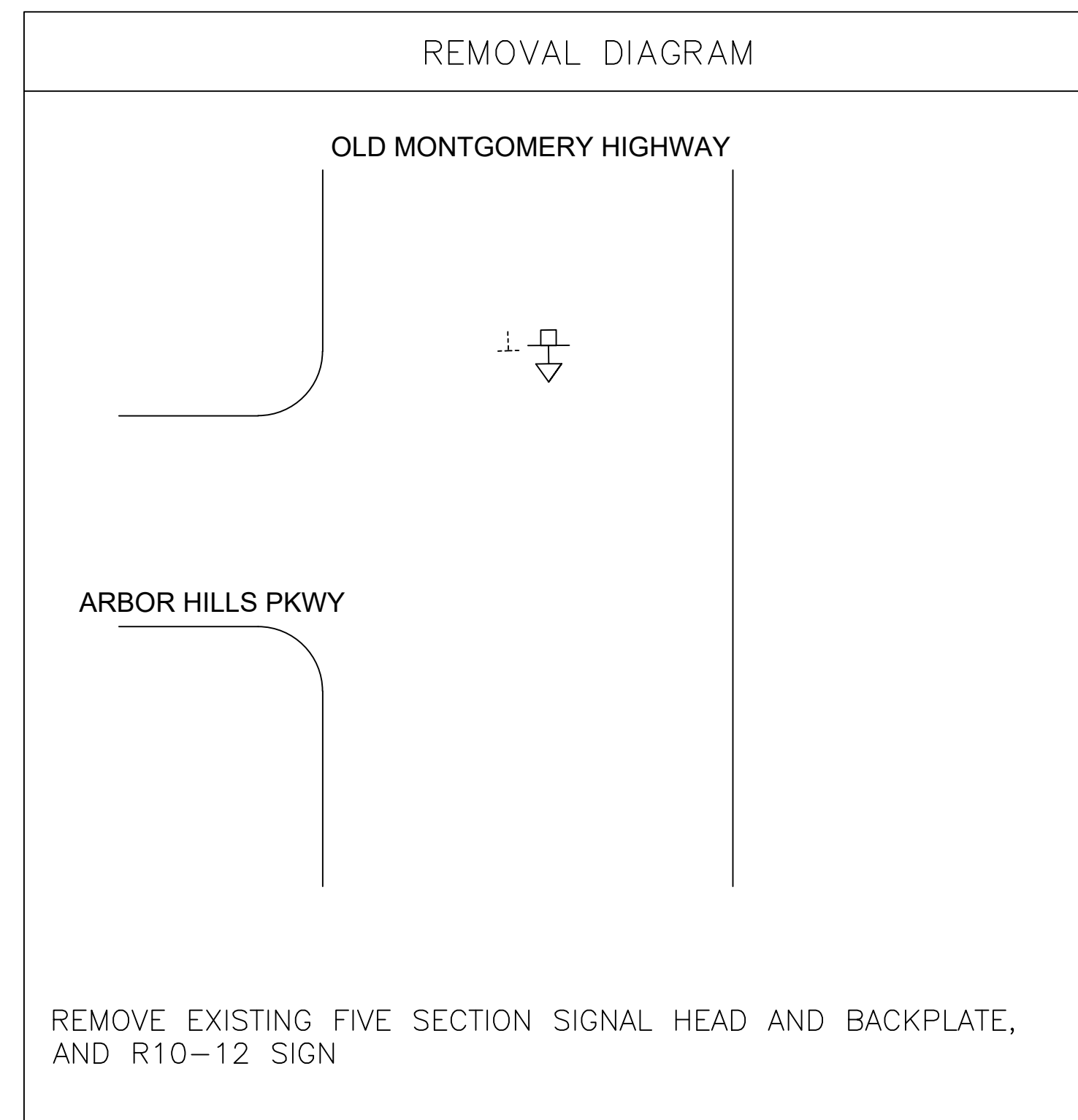
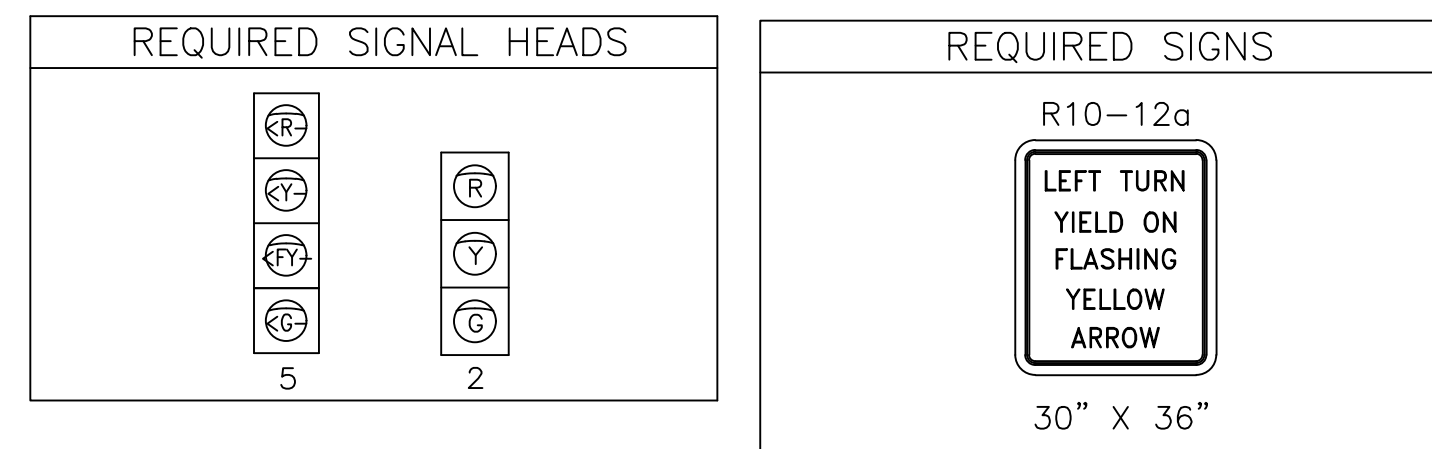
SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	VALLEYDALE ROAD

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2

TRAFFIC SIGNAL LAYOUT – SITE 36
OLD MONTGOMERY HIGHWAY AT ARBOR HILLS PARKWAY



REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	39



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	



- GENERAL CONSTRUCTION NOTES:
1. A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
 2. REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 3. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	OLD MONTGOMERY HIGHWAY



TRAFFIC SIGNAL LAYOUT – SITE 37
OLD MONTGOMERY HIGHWAY AT RIVERCHASE PARKWAY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	40

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2

REQUIRED SIGNAL HEADS

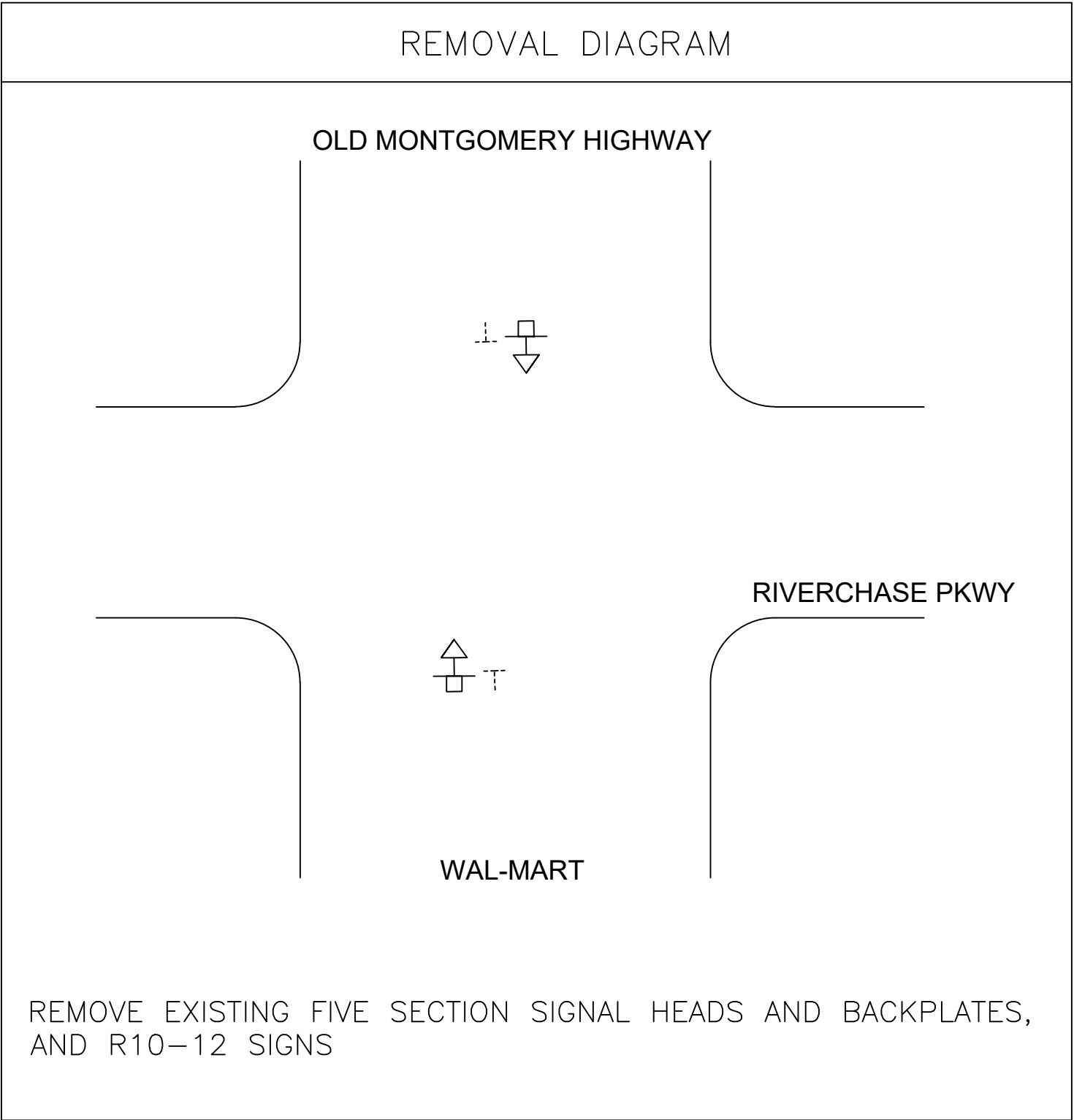
1,52,6

REQUIRED SIGNS

R10-12a

LEFT TURN
YIELD ON
FLASHING
YELLOW
ARROW

30" X 36"





ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	











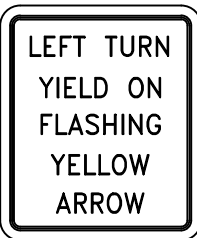
- GENERAL CONSTRUCTION NOTES:
1. A CENTRACS LICENSE IS REQUIRED FOR THIS SITE. PAYMENT FOR THE CENTRACS LICENSE SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730D-045.
 2. REQUIRED NETWORK DEVICE, CELLULAR MODEM SHALL BE A TOSIBOX LOCK 675 CONNECTIVITY DEVICE.
 3. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

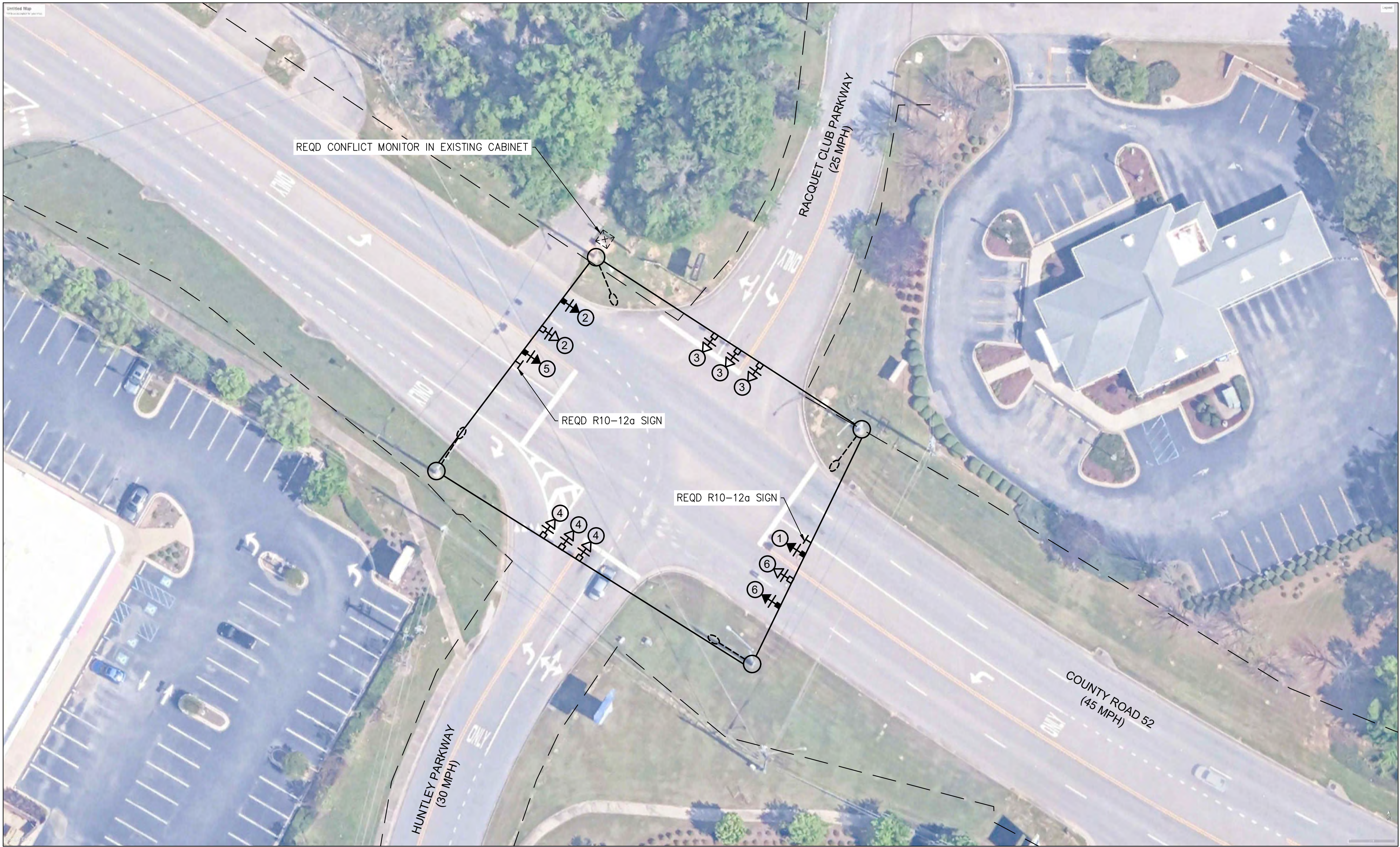
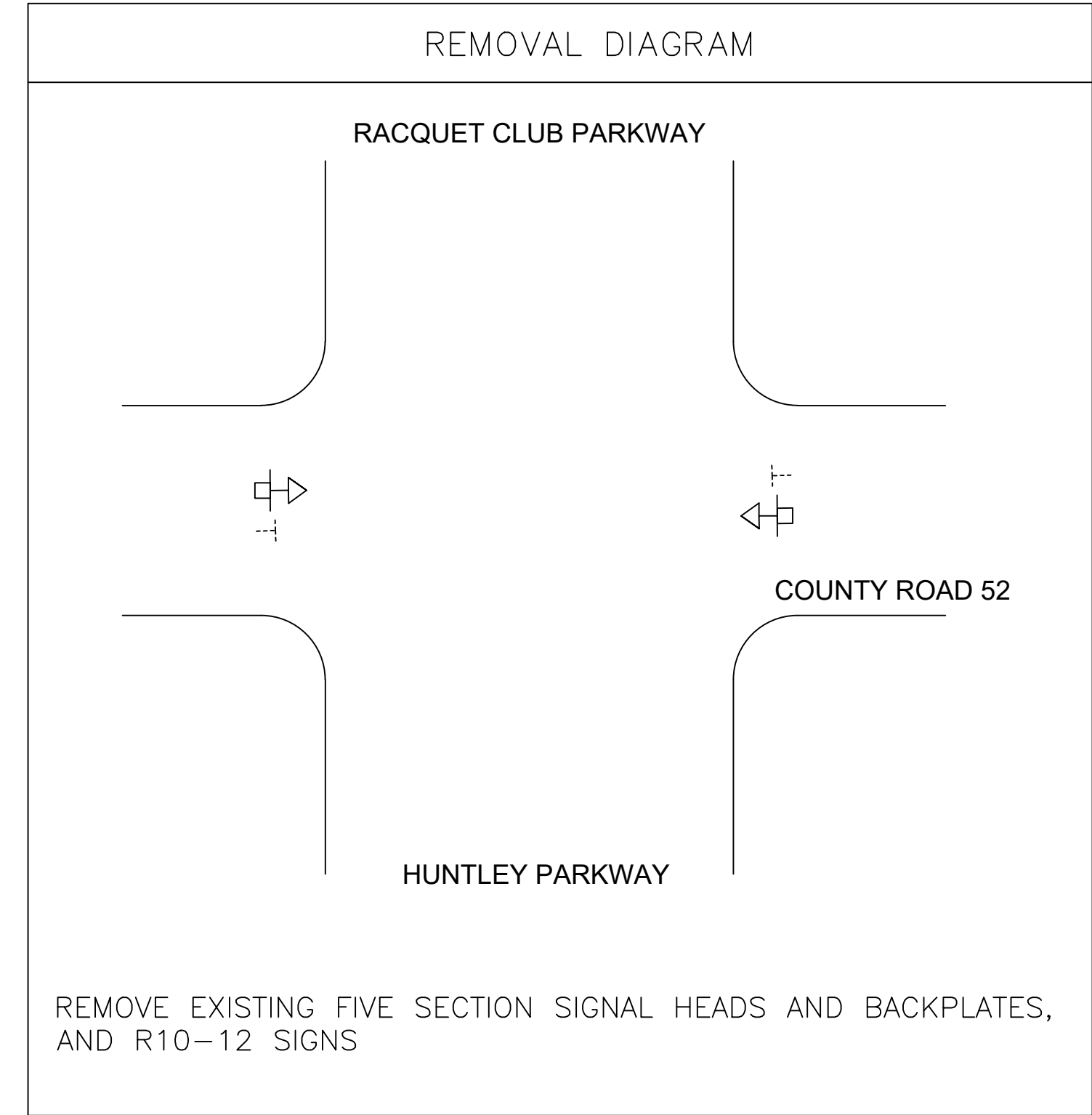
SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION	<div>30060</div> 	SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	OLD MONTGOMERY HIGHWAY

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2


REQUIRED SIGNAL HEADS	
   	   
1,5	2,6

REQUIRED SIGNS
R10-12a  30" X 36"



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

GENERAL CONSTRUCTION NOTES:
1. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
						TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 52

SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #3
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #3	SIGNAL HEADS #8
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #5
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #5	SIGNAL HEADS #2
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #7
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #7	SIGNAL HEADS #4

REQUIRED SIGNAL HEADS

1,3,5,72,4,6,8

REQUIRED SIGNS

R10-12a

LEFT TURN

YIELD ON

FLASHING

YELLOW

ARROW

30" X 36"

REMOVAL DIAGRAM

COUNTY ROAD 35

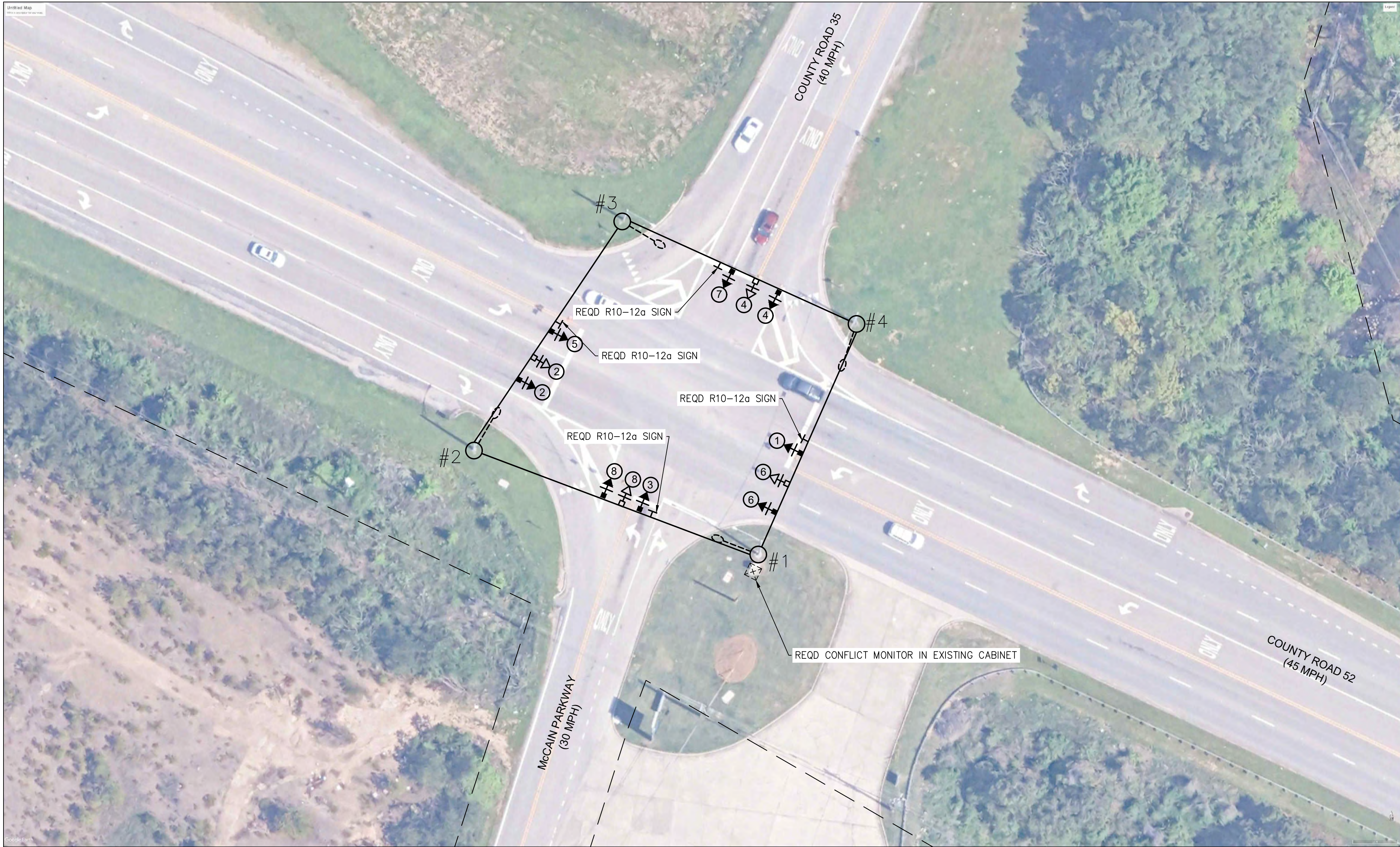
COUNTY ROAD 52

McCAIN PARKWAY

REMOVE EXISTING FIVE SECTION SIGNAL HEADS AND BACKPLATES, AND R10-12 SIGNS

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

TRAFFIC SIGNAL LAYOUT – SITE 39
COUNTY ROAD 52 AT McCAIN PARKWAY



GENERAL CONSTRUCTION NOTES:
1. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

SKIPPER
CONSULTING INC

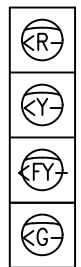
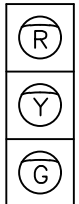
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

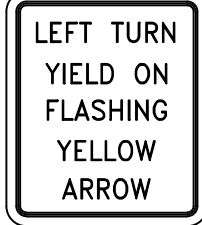
	RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
	DATE:	DATE:	DATE:	FINAL SUBMITTAL			TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 52

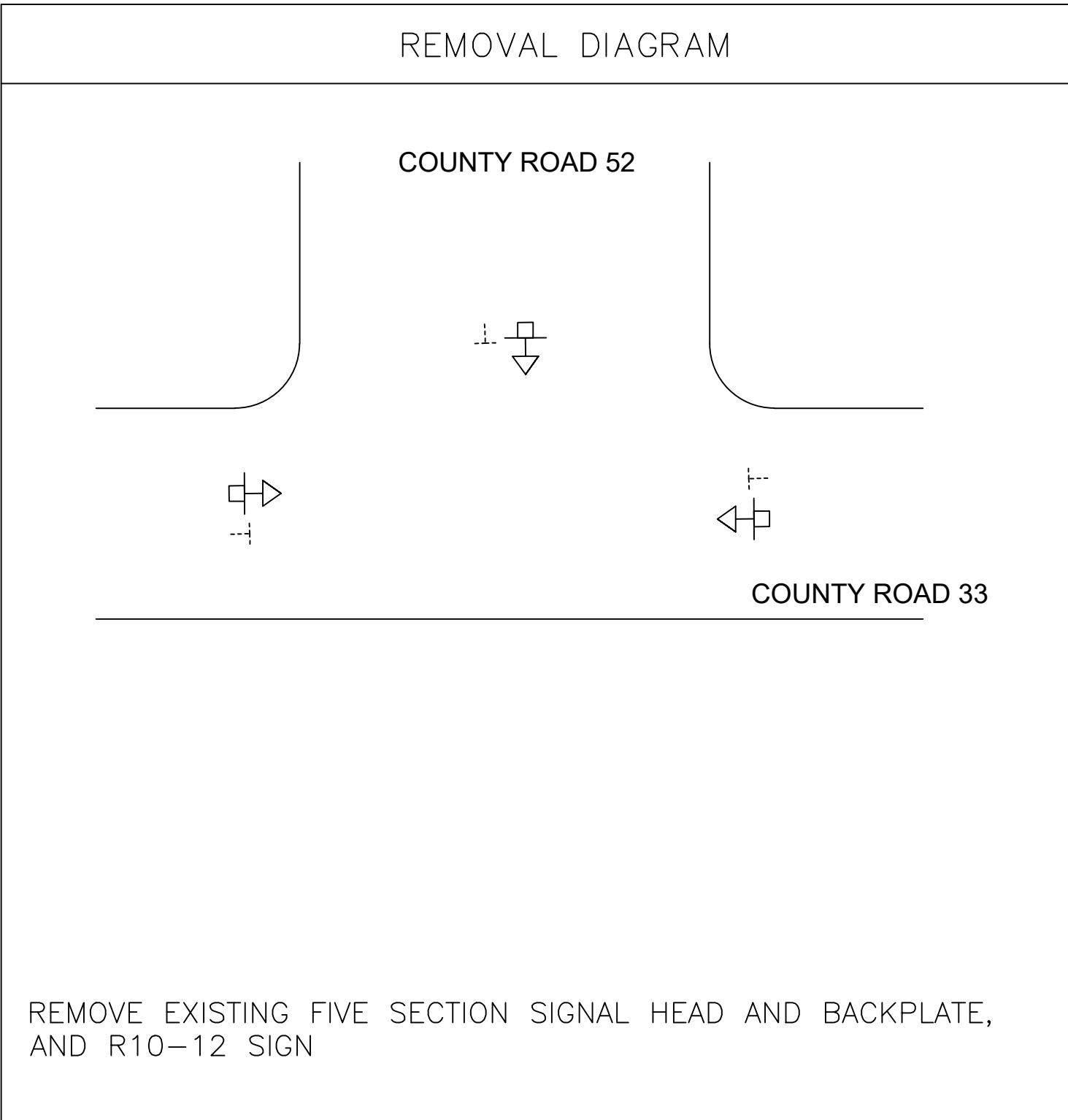
CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #A

TRAFFIC SIGNAL LAYOUT – SITE 41
COUNTY ROAD 52 AT COUNTY ROAD 33

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	44

REQUIRED SIGNAL HEADS	
	
1	A



REQUIRED SIGNS

30" X 36"









ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

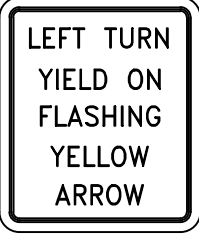
- GENERAL CONSTRUCTION NOTES:
- REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

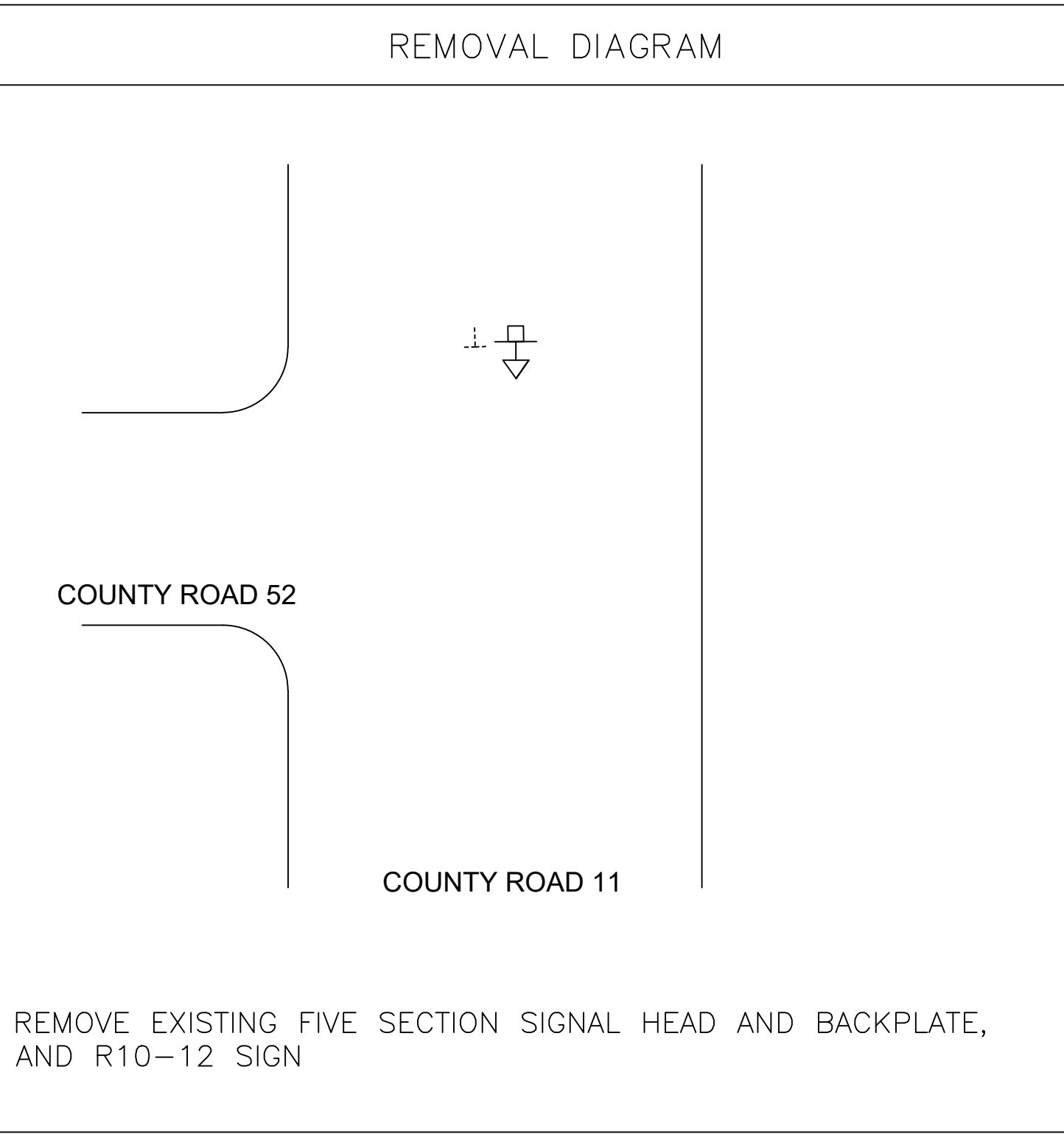
SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	FINAL SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION		SHEET TITLE	ROUTE
							TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 52

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6

REQUIRED SIGNAL HEADS	
	
	
	
1	6

REQUIRED SIGNS
R10-12a 
30" X 36"



TRAFFIC SIGNAL LAYOUT – SITE 42
COUNTY ROAD 11 AT COUNTY ROAD 52

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	45



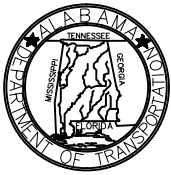
- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 4. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

SKIPPER
CONSULTING INC
3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:
DATE:	DATE:

DESIGNER:	PLAN SUBMITTAL
DATE:	FINAL SUBMITTAL



ALABAMA DEPARTMENT
OF TRANSPORTATION



SHEET TITLE	ROUTE
TRAFFIC SIGNAL LAYOUT	COUNTY ROAD 11

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6

REQUIRED SIGNAL HEADS

1

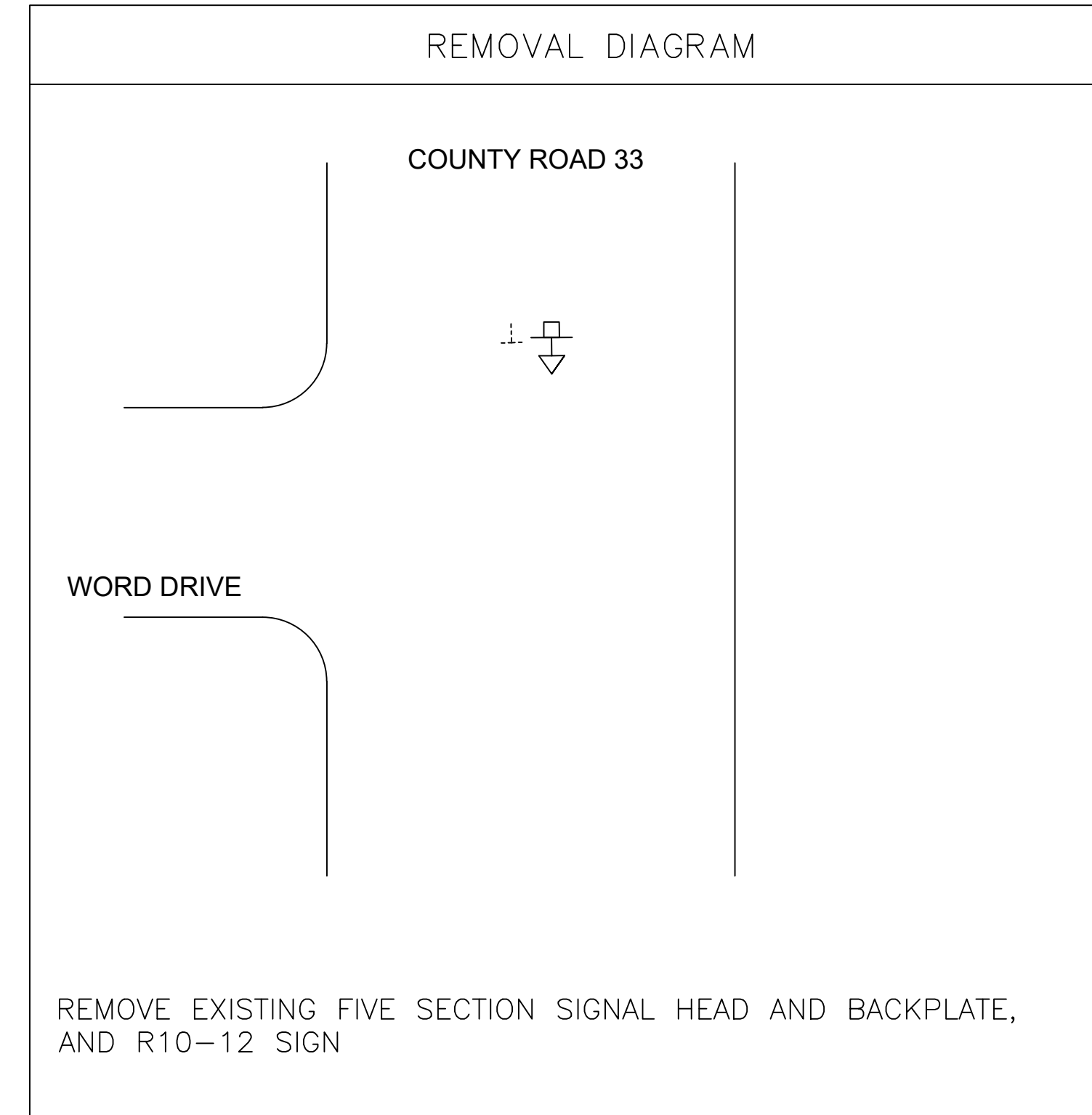
6

REQUIRED SIGNS

R10-12a

LEFT TURN
YIELD ON
FLASHING
YELLOW
ARROW

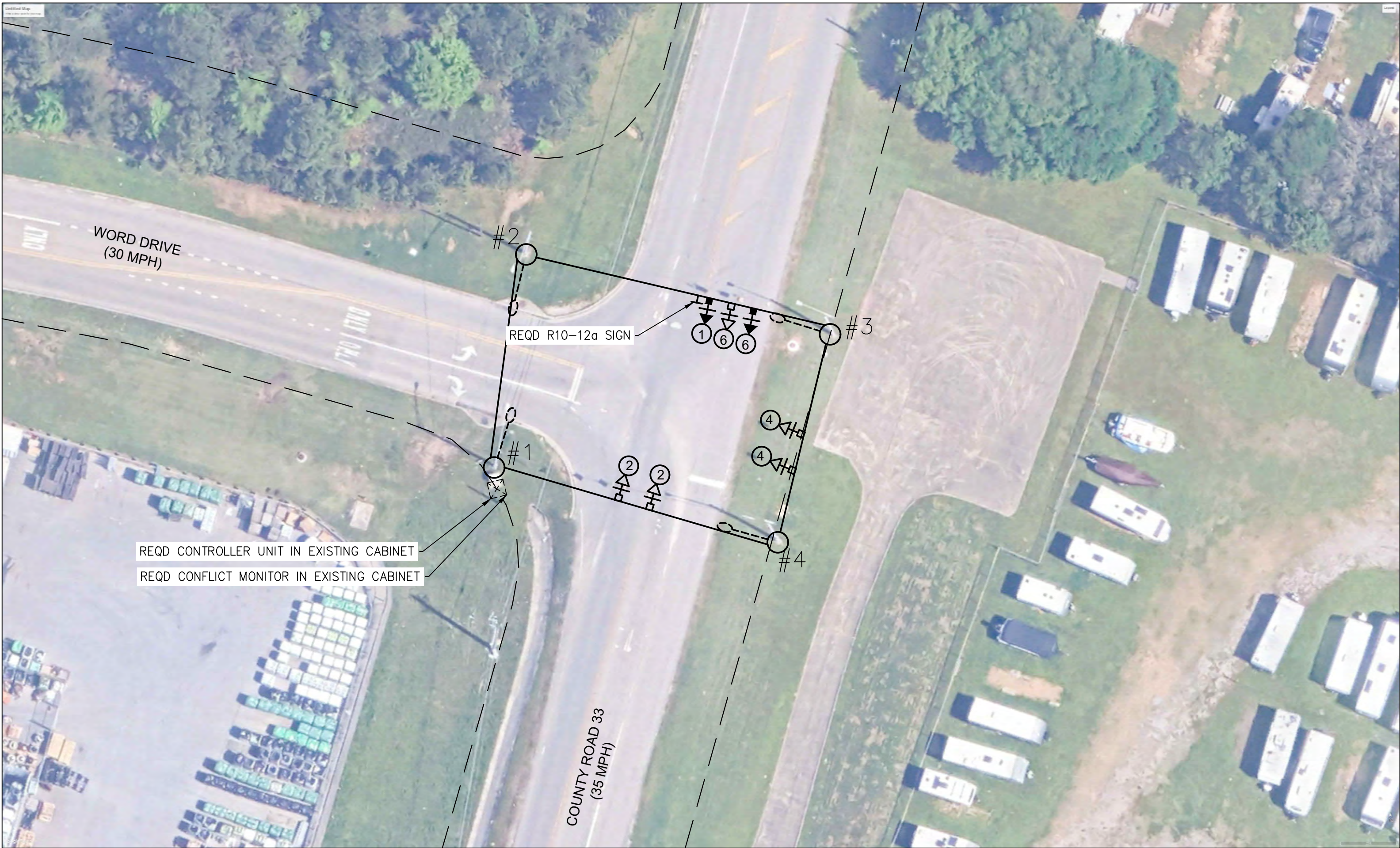
30" X 36"



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

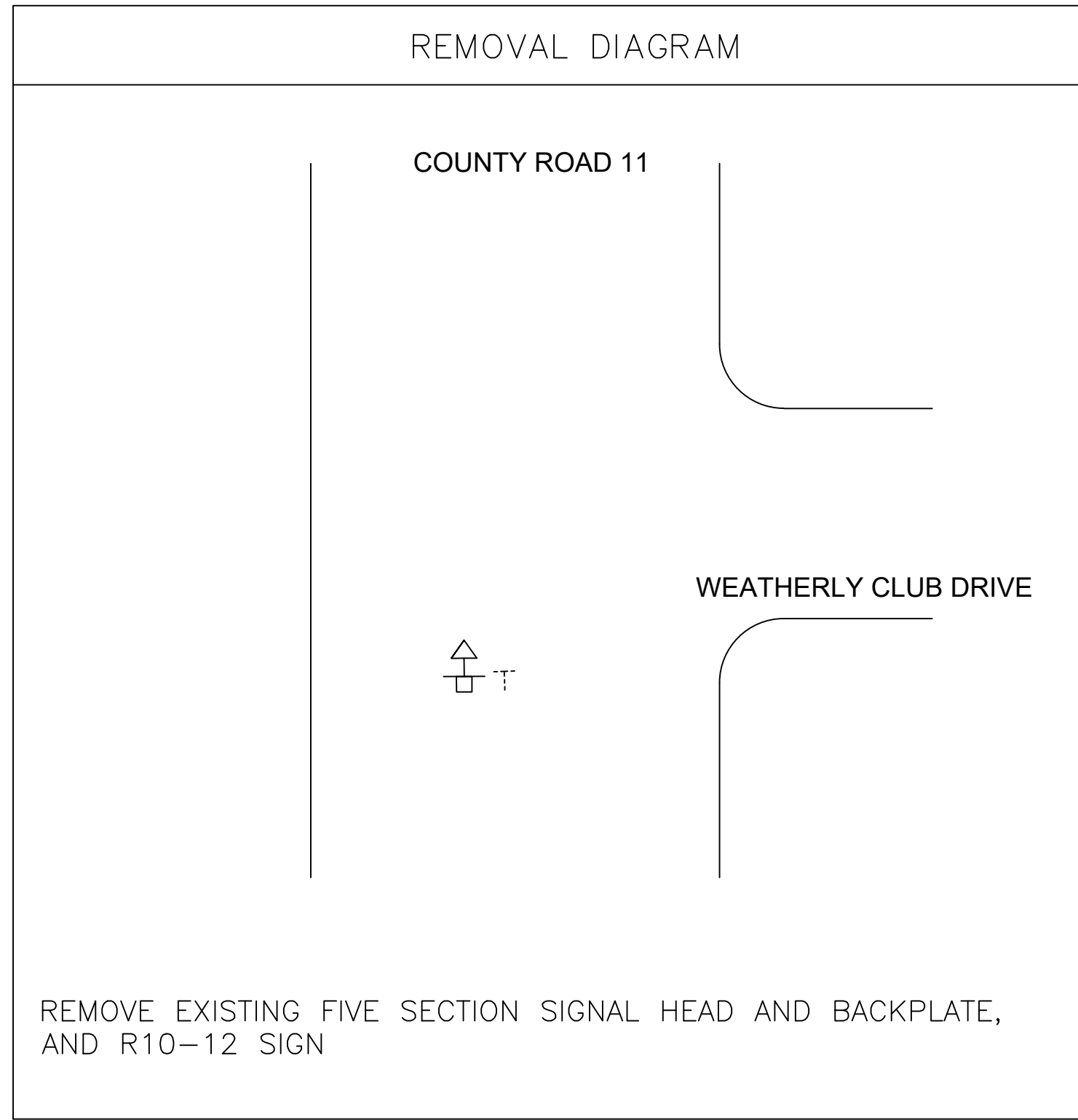
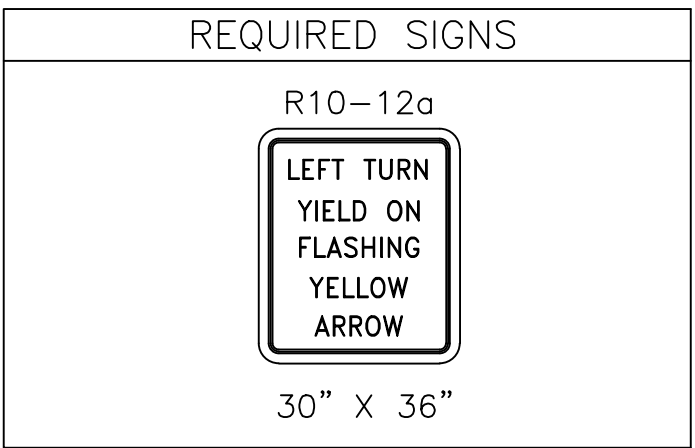
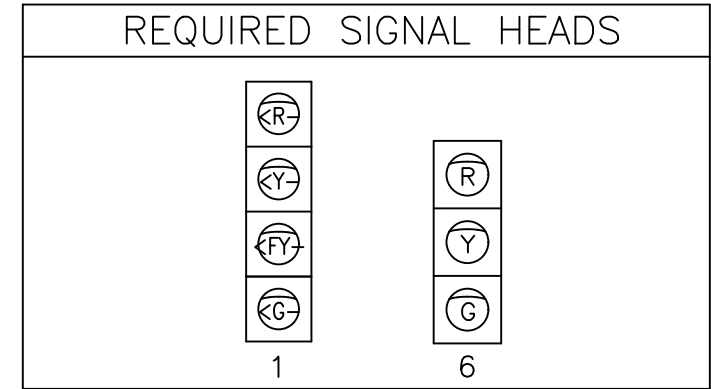
TRAFFIC SIGNAL LAYOUT – SITE 43
COUNTY ROAD 33 AT WORD DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	46



- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 4. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
---	10C-#14 AWG IMSA 20-1 SIGNAL CABLE	CONTROLLER	SIGNAL HEAD #1
---	4C-#14 AWG IMSA 20-1 SIGNAL CABLE	SIGNAL HEAD #1	SIGNAL HEADS #6



ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (730C PAY ITEM)	
DESCRIPTION	
MISC. HARDWARE	
#14 AWG IMSA 20-1 SIGNAL CABLE	
R10-12a SIGNS WITH ATTACHMENTS	

RESPONSIBLE PE: RICHARD L. CAUDLE, P.E.	SUPERVISOR:
DATE:	DATE:

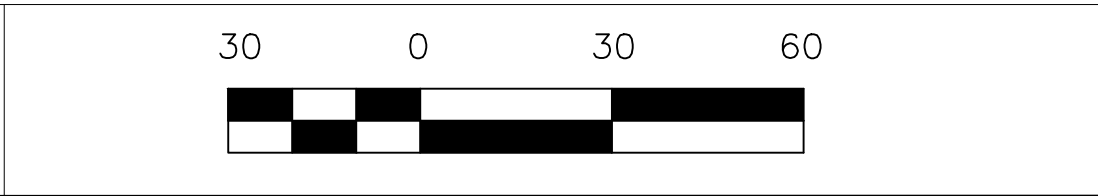
SUPERVISOR:	DATE:
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DESIGNER:	DATE:
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PLAN SUBMITTAL
FINAL SUBMITTAL



ALABAMA DEPARTMENT
OF TRANSPORTATION



SHEET TITLE
TRAFFIC SIGNAL LAYOUT

ROUTE
COUNTY ROAD 11

TRAFFIC SIGNAL LAYOUT – SITE 44

COUNTY ROAD 11 AT WEATHERLY CLUB DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	47



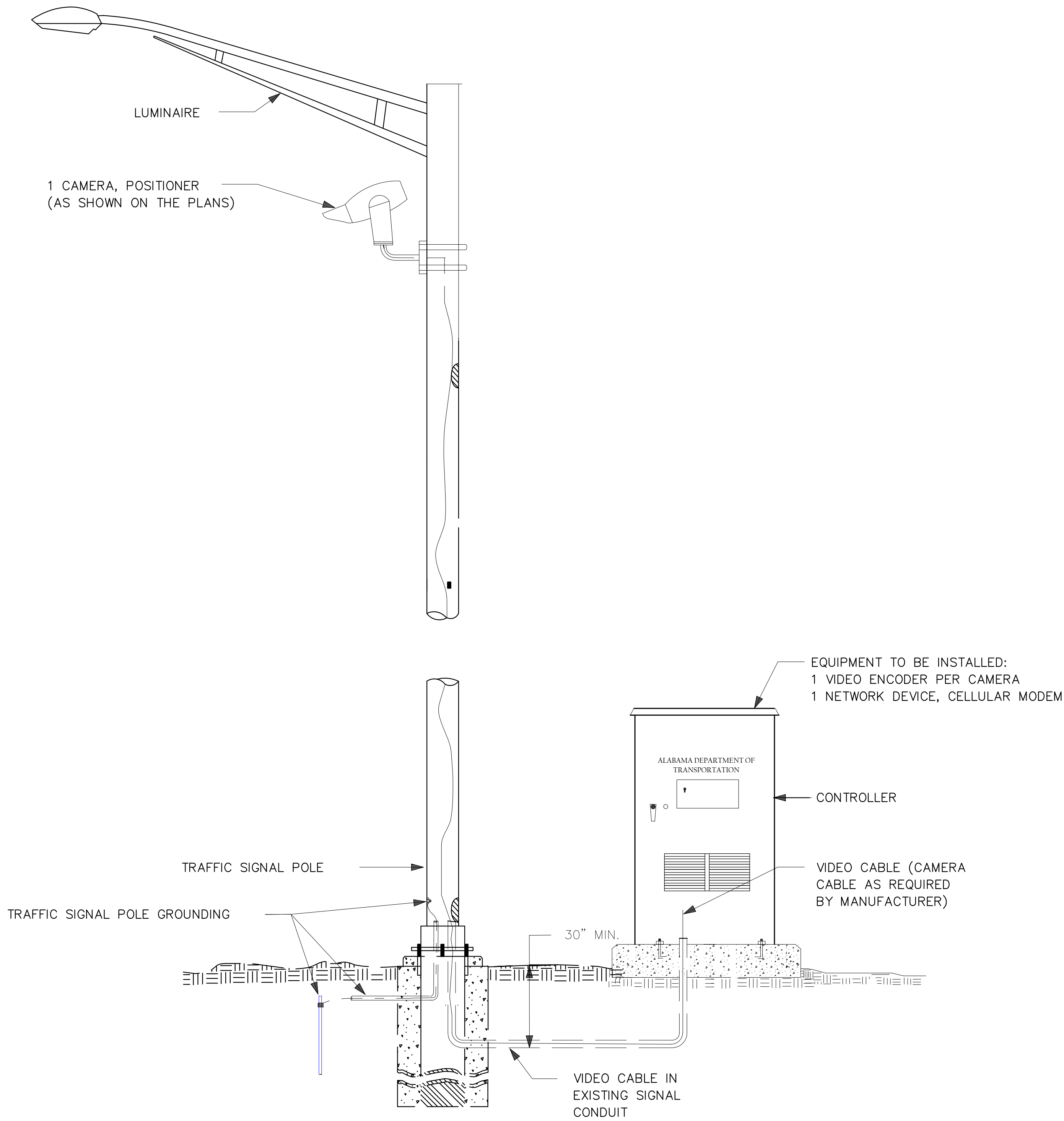
- GENERAL CONSTRUCTION NOTES:
1. CONTROLLER SHALL BE ECONOLITE COBALT.
 2. CONTRACTOR TO COPY EXISTING TRAFFIC SIGNAL TIMINGS TO NEW CONTROLLER.
 3. REMOVAL OF EXISTING CONTROLLER UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730R-151.
 4. REMOVAL OF EXISTING MALFUNCTION MANAGEMENT UNIT SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Q-030.

SKIPPER
CONSULTING INC


3644 VANN ROAD SUITE 100
BIRMINGHAM, ALABAMA 35235
TELEPHONE: (205)655-8855

SPECIAL PROJECT DETAILS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	48



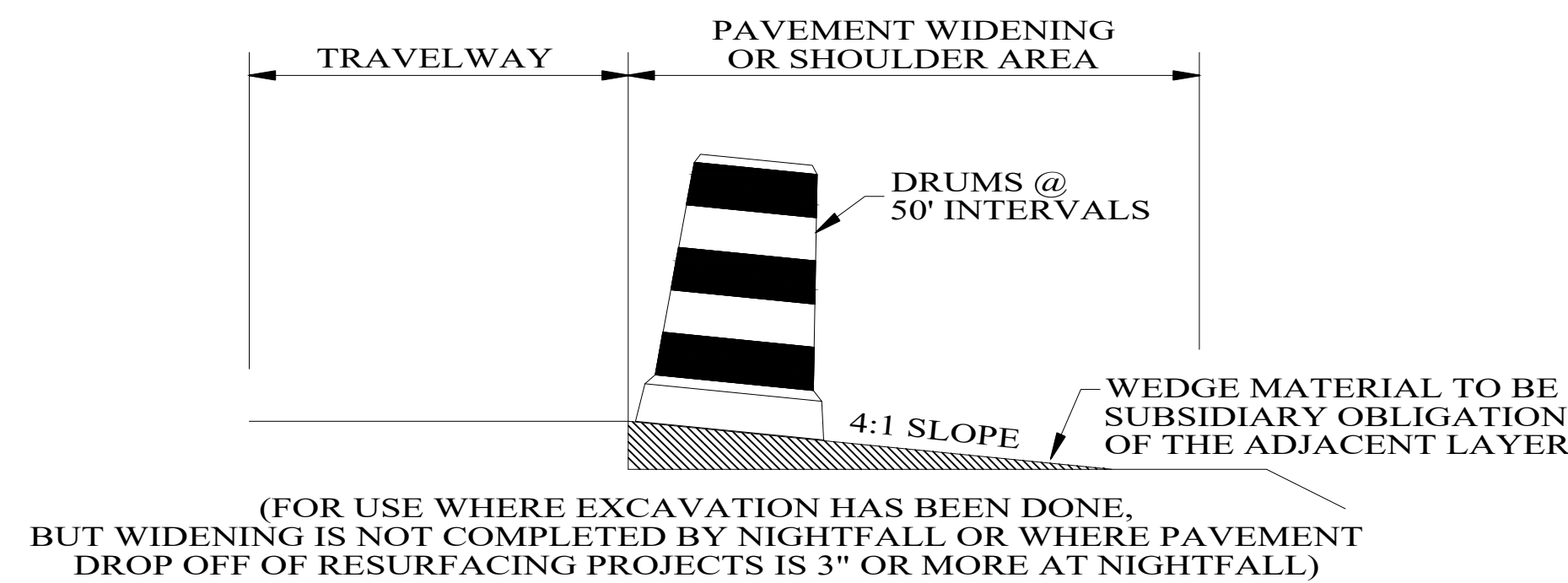
- NOTES:
- POLE HEIGHT SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION.
 - MOUNTING HEIGHT OF CCTV CAMERA IS APPROXIMATELY 35 TO 37 FEET, OR AS RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER. MOUNTING HEIGHT IS IN RELATION TO THE ROADWAY/TRAVELWAY.
 - THE CAMERA SUPPORT ARM SHALL BE ROTATED SUCH THAT THE CAMERA WILL HAVE A CLEAR VIEW OF THE PRIMARY ROAD AND OF THE CROSS ROAD WITHOUT OBSTRUCTION OF THE POLE.
 - ON COMPLETION OF THE INSTALLATION, WIRING IN CONDUIT IN THE CONTROLLER CABINET AND ALL EXPOSED CONDUIT OPENINGS SHALL BE SEALED WITH AN APPROVED SILICONE COMPOUND.
 - ALL EQUIPMENT AND MATERIAL RELATED TO THE TRAFFIC SIGNAL INSTALLATION SHALL BE IN CONFORMANCE TO THE REQUIREMENTS OF STANDARD DRAWINGS TSD-730-2, TSD-730-2A, AND TSD-730-4 AND SECTIONS 730 AND 890 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	 ALABAMA DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:	FINAL SUBMITTAL			SPECIAL PROJECT DETAILS TYPICAL TRAFFIC SIGNAL POLE MOUNT FOR CCTV	VARIOUS

TEMPORARY TRAFFIC CONTROL PLAN SUMMARY OF QUANTITIES						REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO																																																																																																																																																																																												
						CRPBH-MR24(902)	2026	51																																																																																																																																																																																												
<div>ESTIMATED QUANTITIES SUMMARY</div> <table><tr><th>QUANTITY</th><th>UNIT</th><th>ITEM NUMBER</th><th>DESCRIPTION</th></tr><tr><td>472.0</td><td>SQUARE FOOT</td><td>740B-000</td><td>CONSTRUCTION SIGNS</td></tr><tr><td>100</td><td>EACH</td><td>740D-000</td><td>CHANNELIZING DRUMS</td></tr><tr><td>100</td><td>EACH</td><td>740E-000</td><td>CONES (36 INCHES HIGH)</td></tr><tr><td>100</td><td>EACH</td><td>740M-001</td><td>BALLAST FOR CONE</td></tr><tr><td>2</td><td>EACH</td><td>741C-010</td><td>PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT</td></tr><tr><td>88</td><td>HOUR</td><td>745A-000</td><td>UNIFORMED POLICE OFFICER</td></tr></table> <div>SEE SHEET 2-B FOR APPLICABLE TCP NOTES</div> <div>SEQUENCE OF CONSTRUCTION</div> <div>PHASE I<ul style="list-style-type: none">INSTALL CONSTRUCTION WARNING SIGNSPHASE II<ul style="list-style-type: none">PERFORM REQUIRED TRAFFIC SIGNAL INSTALLATION/MODIFICATIONSCOMPLETE TRAFFIC SIGNAL REMOVALSPHASE III<ul style="list-style-type: none">COMPLETE ANY OTHER ITEMS OF WORK AND REMOVE CONSTRUCTION WARNING SIGNS</div> <div>REQUIRED CONSTRUCTION SIGNS SUMMARY</div> <table><tr><th>LEGEND</th><th>M. U. T. C. D. NUMBER</th><th>SIZE (INCHES)</th><th>QUANTITY</th><th>AREA (SQ FT)</th><th>TOTAL AREA (SQ FT)</th><th>MOUNT TYPE</th><th>SPECIAL/STANDARD DRAWINGS</th></tr><tr><td>END ROAD WORK</td><td>G20-2</td><td>48 X 48</td><td>1</td><td>16</td><td>16</td><td>POST</td><td>C</td></tr><tr><td>REVERSE CURVE LEFT</td><td>W1-4</td><td>48 X 48</td><td>1</td><td>16</td><td>16</td><td>TEMPORARY</td><td>A</td></tr><tr><td>REVERSE CURVE RIGHT</td><td>W1-4</td><td>48 X 48</td><td>1</td><td>16</td><td>16</td><td>TEMPORARY</td><td>A</td></tr><tr><td>LANE ENDS MERGE LEFT</td><td>W4-2</td><td>48 X 48</td><td>2</td><td>16</td><td>32</td><td>TEMPORARY</td><td>A</td></tr><tr><td>LANE ENDS MERGE RIGHT</td><td>W4-2</td><td>48 X 48</td><td>2</td><td>16</td><td>32</td><td>TEMPORARY</td><td>A</td></tr><tr><td>ROAD WORK AHEAD</td><td>W20-1</td><td>48 X 48</td><td>1</td><td>16</td><td>16</td><td>TEMPORARY</td><td>B</td></tr><tr><td>ROAD WORK 500 FT</td><td>W20-1</td><td>48 X 48</td><td>1</td><td>16</td><td>16</td><td>POST</td><td>B</td></tr><tr><td>ROAD WORK 1000 FT</td><td>W20-1</td><td>48 X 48</td><td>1</td><td>16</td><td>16</td><td>POST</td><td>B</td></tr><tr><td>ROAD WORK 1500 FT</td><td>W20-1</td><td>48 X 48</td><td>4</td><td>16</td><td>64</td><td>POST</td><td>B</td></tr><tr><td>ONE LANE ROAD AHEAD</td><td>W20-4</td><td>48 X 48</td><td>2</td><td>16</td><td>32</td><td>TEMPORARY</td><td>B</td></tr><tr><td>LEFT LANE CLOSED 1500 FT</td><td>W20-5</td><td>48 X 48</td><td>2</td><td>16</td><td>32</td><td>TEMPORARY</td><td>B</td></tr><tr><td>LEFT LANE CLOSED 1000 FT</td><td>W20-5</td><td>48 X 48</td><td>2</td><td>16</td><td>32</td><td>TEMPORARY</td><td>B</td></tr><tr><td>RIGHT LANE CLOSED 1500 FT</td><td>W20-5</td><td>48 X 48</td><td>2</td><td>16</td><td>32</td><td>TEMPORARY</td><td>B</td></tr><tr><td>RIGHT LANE CLOSED 1000 FT</td><td>W20-5</td><td>48 X 48</td><td>2</td><td>16</td><td>32</td><td>TEMPORARY</td><td>B</td></tr><tr><td>CENTER LANE CLOSED 1500 FT</td><td>W20-5</td><td>48 X 48</td><td>2</td><td>16</td><td>32</td><td>TEMPORARY</td><td>B</td></tr><tr><td>CENTER LANE CLOSED 1000 FT</td><td>W20-5</td><td>48 X 48</td><td>2</td><td>16</td><td>32</td><td>TEMPORARY</td><td>B</td></tr><tr><td>CENTER LANE CLOSED 1500 FT</td><td>W20-5</td><td>48 X 48</td><td>2</td><td>16</td><td>32</td><td>TEMPORARY</td><td>B</td></tr><tr><td>FLAGGER</td><td>W20-7</td><td>48 X 48</td><td>3</td><td>16</td><td>48</td><td>TEMPORARY</td><td>B</td></tr><tr><td>TOTALS</td><td></td><td></td><td></td><td></td><td>472.0</td><td></td><td></td></tr></table> <div>NOTE: THE TRAFFIC CONTROL DEVICES FOR THIS PROJECT REFLECT QUANTITIES REQUIRED FOR CONSTRUCTION AT ONE WORK SITE. THE UNIT BID PRICE FOR THESE ITEMS SHALL REFLECT THE COSTS FOR THE REMOVAL, RELOCATION, AND MAINTENANCE OF THESE DEVICES TO OTHER SITES IN THIS PROJECT. THE CONTRACTOR SHALL ONLY BE PAID FOR THE MAXIMUM NUMBER OF TRAFFIC CONTROL DEVICES PROVIDED AT ANY ONE TIME. SEE STD. SPEC. 740.05 (a)</div> <div>LEGEND</div> <div>A. - SPECIAL DRAWING NO. SHS-26 B. - SPECIAL DRAWING NO. SHS-29 C. - SPECIAL DRAWING NO. SHS-30</div>									QUANTITY	UNIT	ITEM NUMBER	DESCRIPTION	472.0	SQUARE FOOT	740B-000	CONSTRUCTION SIGNS	100	EACH	740D-000	CHANNELIZING DRUMS	100	EACH	740E-000	CONES (36 INCHES HIGH)	100	EACH	740M-001	BALLAST FOR CONE	2	EACH	741C-010	PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT	88	HOUR	745A-000	UNIFORMED POLICE OFFICER	LEGEND	M. U. T. C. D. NUMBER	SIZE (INCHES)	QUANTITY	AREA (SQ FT)	TOTAL AREA (SQ FT)	MOUNT TYPE	SPECIAL/STANDARD DRAWINGS	END ROAD WORK	G20-2	48 X 48	1	16	16	POST	C	REVERSE CURVE LEFT	W1-4	48 X 48	1	16	16	TEMPORARY	A	REVERSE CURVE RIGHT	W1-4	48 X 48	1	16	16	TEMPORARY	A	LANE ENDS MERGE LEFT	W4-2	48 X 48	2	16	32	TEMPORARY	A	LANE ENDS MERGE RIGHT	W4-2	48 X 48	2	16	32	TEMPORARY	A	ROAD WORK AHEAD	W20-1	48 X 48	1	16	16	TEMPORARY	B	ROAD WORK 500 FT	W20-1	48 X 48	1	16	16	POST	B	ROAD WORK 1000 FT	W20-1	48 X 48	1	16	16	POST	B	ROAD WORK 1500 FT	W20-1	48 X 48	4	16	64	POST	B	ONE LANE ROAD AHEAD	W20-4	48 X 48	2	16	32	TEMPORARY	B	LEFT LANE CLOSED 1500 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B	LEFT LANE CLOSED 1000 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B	RIGHT LANE CLOSED 1500 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B	RIGHT LANE CLOSED 1000 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B	CENTER LANE CLOSED 1500 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B	CENTER LANE CLOSED 1000 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B	CENTER LANE CLOSED 1500 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B	FLAGGER	W20-7	48 X 48	3	16	48	TEMPORARY	B	TOTALS					472.0		
QUANTITY	UNIT	ITEM NUMBER	DESCRIPTION																																																																																																																																																																																																	
472.0	SQUARE FOOT	740B-000	CONSTRUCTION SIGNS																																																																																																																																																																																																	
100	EACH	740D-000	CHANNELIZING DRUMS																																																																																																																																																																																																	
100	EACH	740E-000	CONES (36 INCHES HIGH)																																																																																																																																																																																																	
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END ROAD WORK	G20-2	48 X 48	1	16	16	POST	C																																																																																																																																																																																													
REVERSE CURVE LEFT	W1-4	48 X 48	1	16	16	TEMPORARY	A																																																																																																																																																																																													
REVERSE CURVE RIGHT	W1-4	48 X 48	1	16	16	TEMPORARY	A																																																																																																																																																																																													
LANE ENDS MERGE LEFT	W4-2	48 X 48	2	16	32	TEMPORARY	A																																																																																																																																																																																													
LANE ENDS MERGE RIGHT	W4-2	48 X 48	2	16	32	TEMPORARY	A																																																																																																																																																																																													
ROAD WORK AHEAD	W20-1	48 X 48	1	16	16	TEMPORARY	B																																																																																																																																																																																													
ROAD WORK 500 FT	W20-1	48 X 48	1	16	16	POST	B																																																																																																																																																																																													
ROAD WORK 1000 FT	W20-1	48 X 48	1	16	16	POST	B																																																																																																																																																																																													
ROAD WORK 1500 FT	W20-1	48 X 48	4	16	64	POST	B																																																																																																																																																																																													
ONE LANE ROAD AHEAD	W20-4	48 X 48	2	16	32	TEMPORARY	B																																																																																																																																																																																													
LEFT LANE CLOSED 1500 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B																																																																																																																																																																																													
LEFT LANE CLOSED 1000 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B																																																																																																																																																																																													
RIGHT LANE CLOSED 1500 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B																																																																																																																																																																																													
RIGHT LANE CLOSED 1000 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B																																																																																																																																																																																													
CENTER LANE CLOSED 1500 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B																																																																																																																																																																																													
CENTER LANE CLOSED 1000 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B																																																																																																																																																																																													
CENTER LANE CLOSED 1500 FT	W20-5	48 X 48	2	16	32	TEMPORARY	B																																																																																																																																																																																													
FLAGGER	W20-7	48 X 48	3	16	48	TEMPORARY	B																																																																																																																																																																																													
TOTALS					472.0																																																																																																																																																																																															
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				FINAL SUBMITTAL		TRAFFIC CONTROL SUMMARY OF QUANTITIES		VARIOUS																																																																																																																																																																																												

TEMPORARY TRAFFIC CONTROL PLAN SHEET

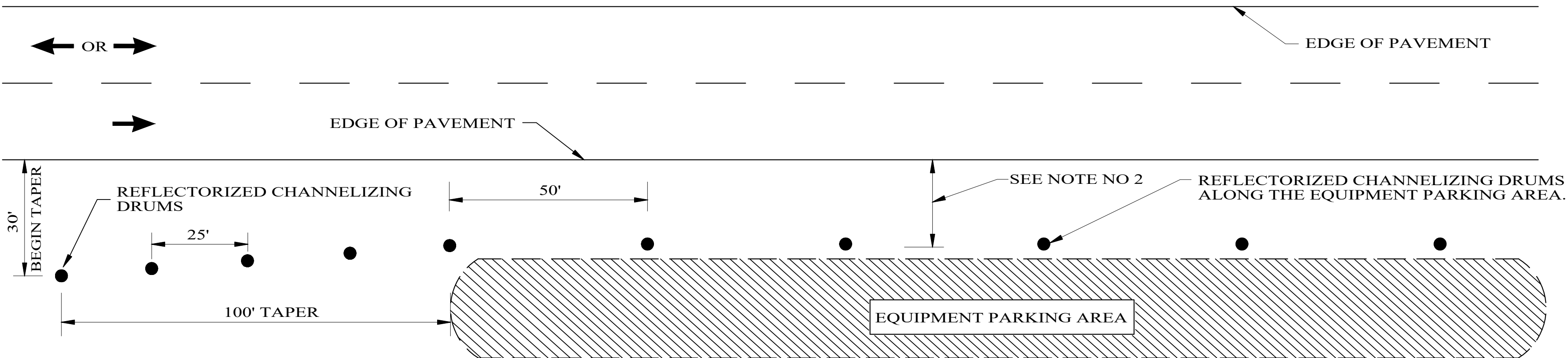
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	52



TYPICAL FOR DROP-OFF AT EDGE OF PAVEMENT

NOTE:
THE CONTRACTOR IS TO CONSTRUCT A WEDGE OF UNCLASSIFIED EXCAVATION OR CRUSHED AGGREGATE BASE . THE COST OF PLACING AND REMOVAL SHALL BE A SUBSIDIARY OBLIGATION OF THE ADJACENT LAYER.

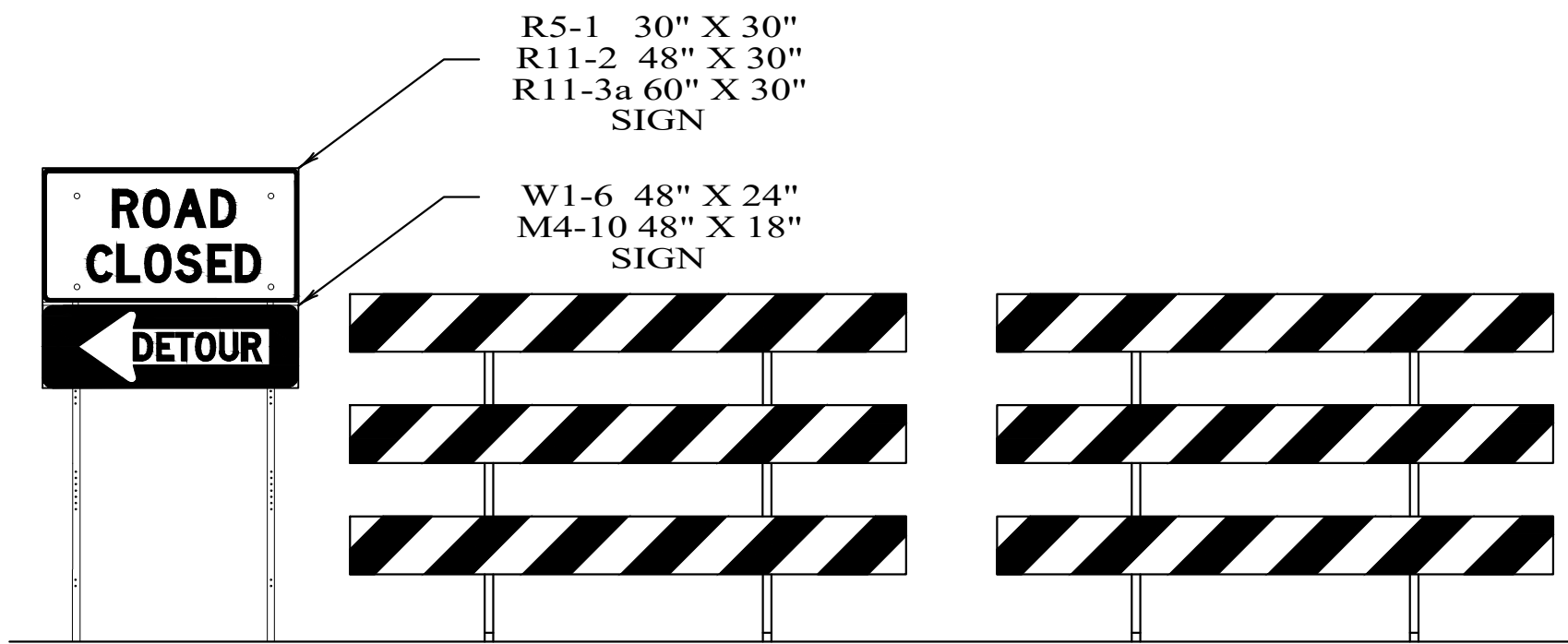
CHANNELIZING DRUMS SHALL BE PLACED AT 50 FT INTERVALS.



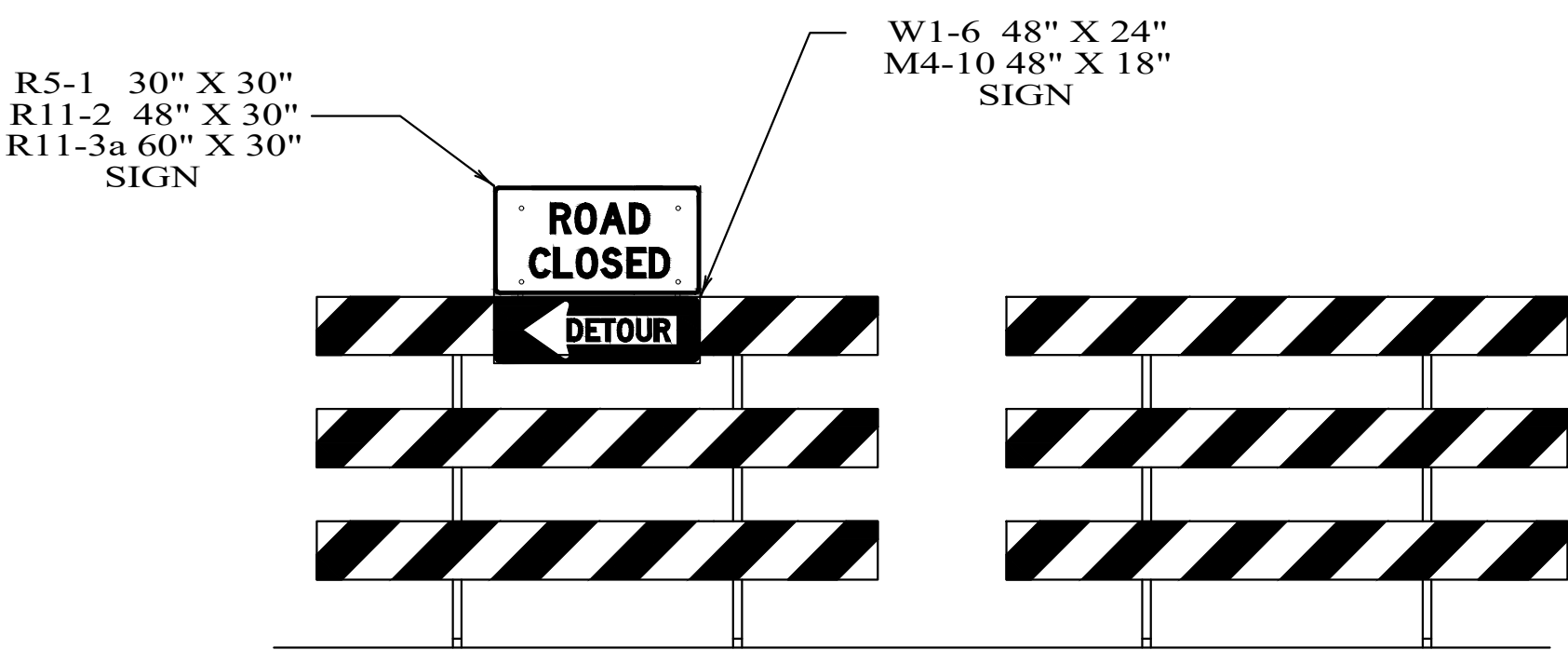
NOTES:

- SEE ALDOT'S GENERAL TRAFFIC CONTROL PLAN NOTE NO. 702.
- 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 UNUSUALCONDITIONS, SUCH AS SPECIAL EQUIPMENT OR LIMITED AVAILABLESPACE, DIMENSIONS LESS THAN DESIRABLE SHALL BE AS DIRECTEDBY THE ENGINEER.
- ALL DEVICES TO BE FURNISHED BY THE CONTRACTOR WITHOUTCOST TO THE ALDOT.

DELINEATING DETAIL FOR EQUIPMENT PARKING OR STORING AREA



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES INSIDE OF CLEAR ZONE



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES OUTSIDE OF CLEAR ZONE

NOTES

- SLOPE OF STRIPES ON BARRICADES SHALL BE IN ACCORDANCE WITH SECTION 6F.68 OF THE MUTCD AND DRAWING B-107-2.
- IF SIGNS ARE REQUIRED TO BE USED IN CONJUNCTION WITH TYPE III BARRICADES TO BE PLACED INSIDE THE CLEAR ZONE, THEY SHALL BE POST MOUNTEDTO THE SIDE OF THE BARRICADES AS SHOWN.
- IF ROAD CLOSED OR DETOUR SIGNS ARE REQUIRED TO BE USED WITH TYPE III BARRICADES TO BE PLACED OUTSIDE THE CLEAR ZONE, THEY SHALL BE PLACED ON THE TOP OF THE BARRICADES NEAREST THE DETOUR.

NOT TO SCALE

--SPECIFICATIONS--

CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

SPECIAL DRAWING NO

INDEX NO

SPECIAL PROJECT DETAIL

2001



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MONTGOMERY, AL 36130-3050

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REVISIONS:

- Corrected text overlap on 12-8-2021 by D.J.W.

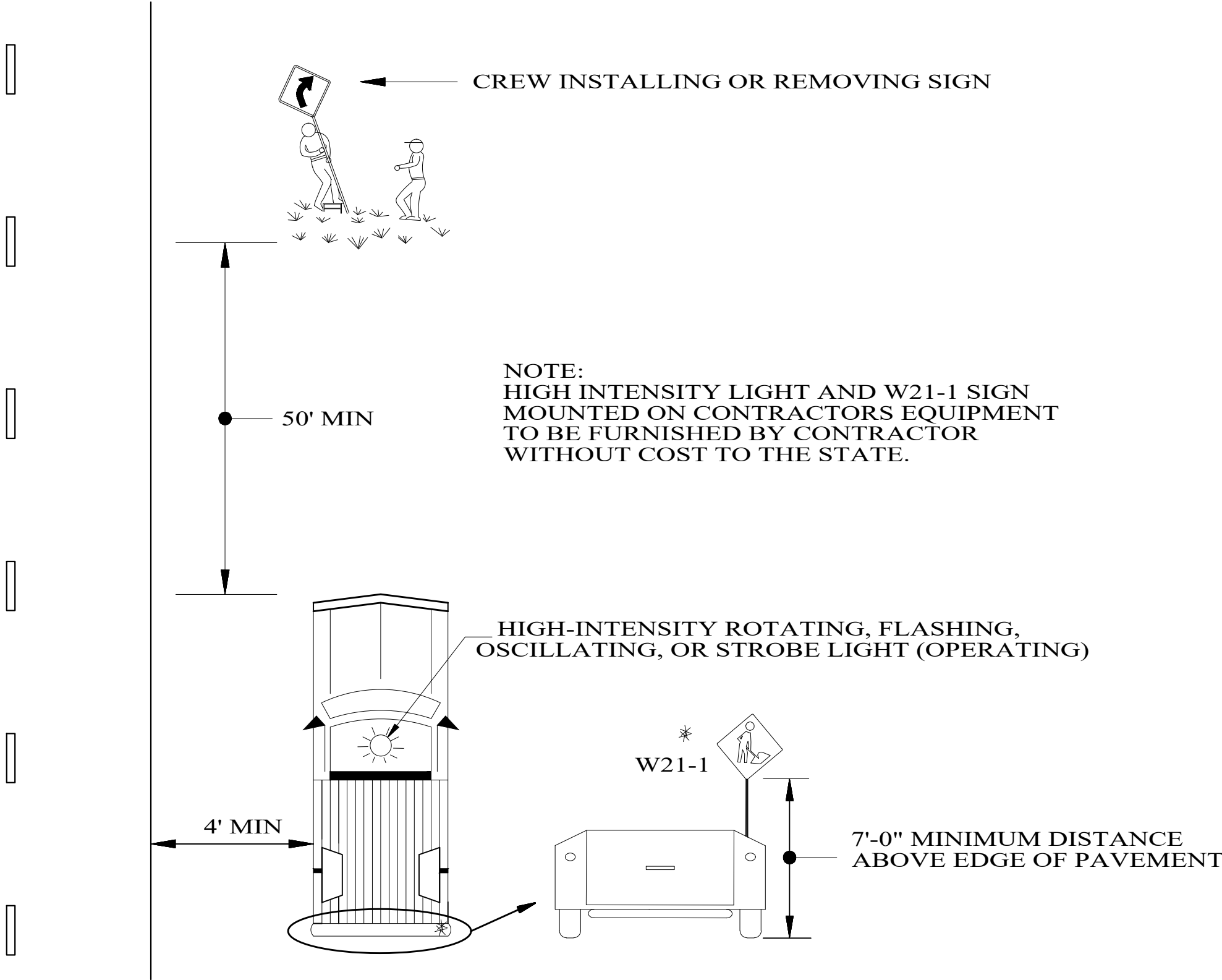
Bureau Sld Engr: D.J.W.
DRAWN BY: _____
DATE DRAWN: _____
REVISED DATE: 12-8-2021

DESIGN BUREAU SPECIAL DRAWING

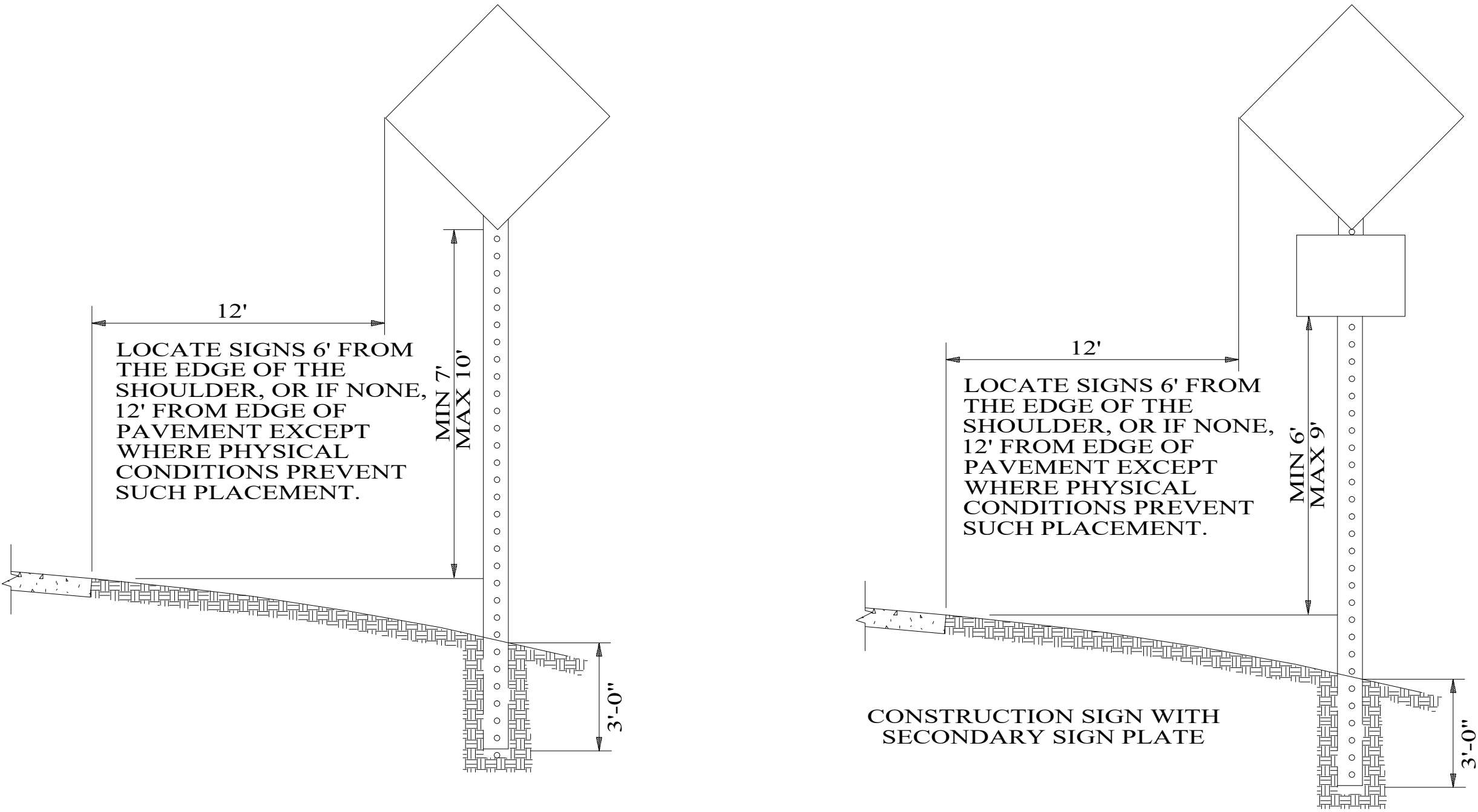
STANDARD DETAILS FOR
TRAFFIC CONTROL PLANS

TEMPORARY TRAFFIC CONTROL PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	53

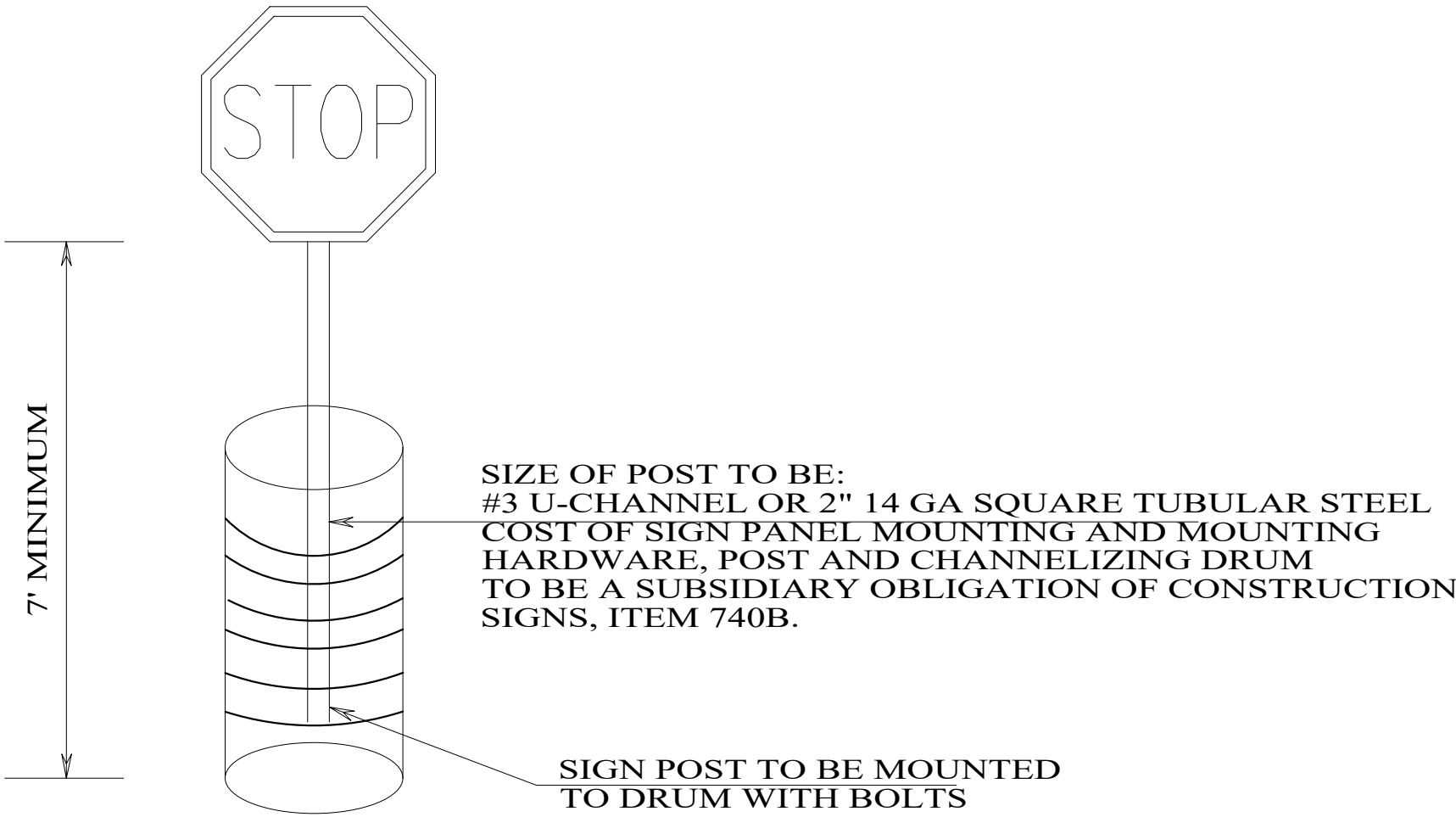


TYPICAL METHOD FOR INSTALLING OR
REMOVING CONSTRUCTION SIGNS



NOTE:
IF THE CONTRACTOR CHOOSES TO SPLICE THE POSTS FOR THE REQUIRED POST MOUNTED
CONSTRUCTION SIGNS, THEY SHALL BE SPLICED AS SHOWN ON DRAWING IHS-710-23.

HEIGHT AND LATERAL LOCATION OF POST MOUNTED CONSTRUCTION SIGNS



DETAIL FOR DRUM MOUNTED CONSTRUCTION SIGNS

NOT TO SCALE



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REVISIONS:

Bureau Std Engr: D.J.W.
DRAWN BY: _____
DATE DRAWN: _____
REVISED DATE: 6-12-2019

DESIGN BUREAU SPECIAL DRAWING

STANDARD DETAILS
FOR TRAFFIC CONTROL PLANS

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

SPECIAL DRAWING NO

SPECIAL PROJECT DETAIL

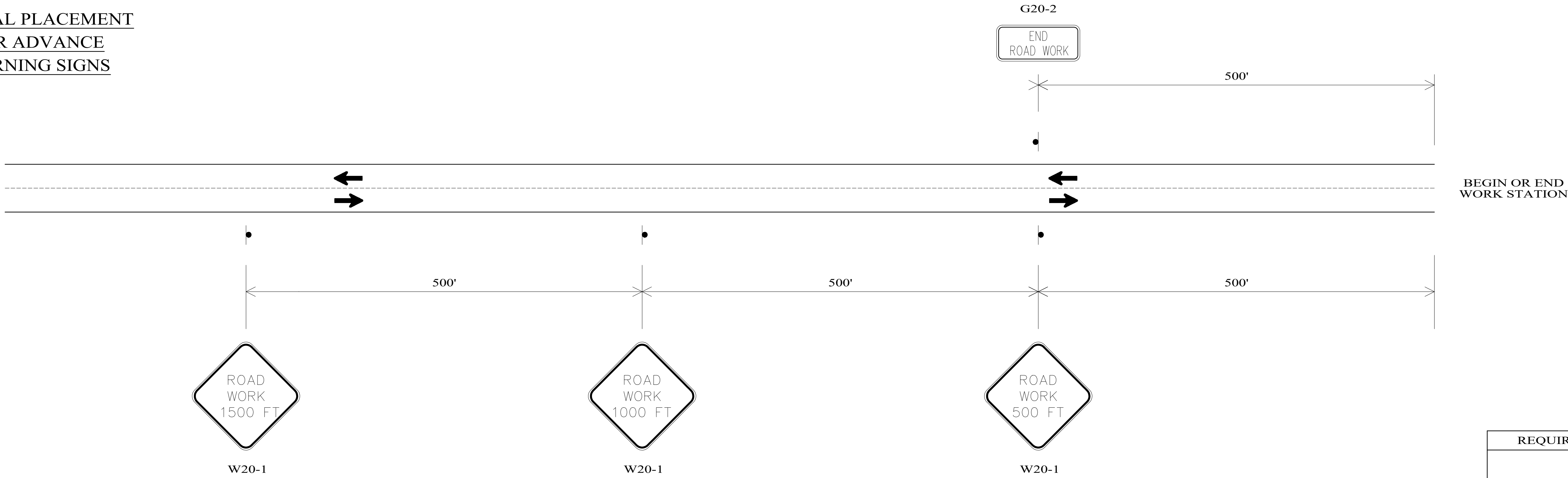
INDEX NO

2001A

TEMPORARY TRAFFIC CONTROL PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	54

TYPICAL PLACEMENT
FOR ADVANCE
WARNING SIGNS



GENERAL NOTES

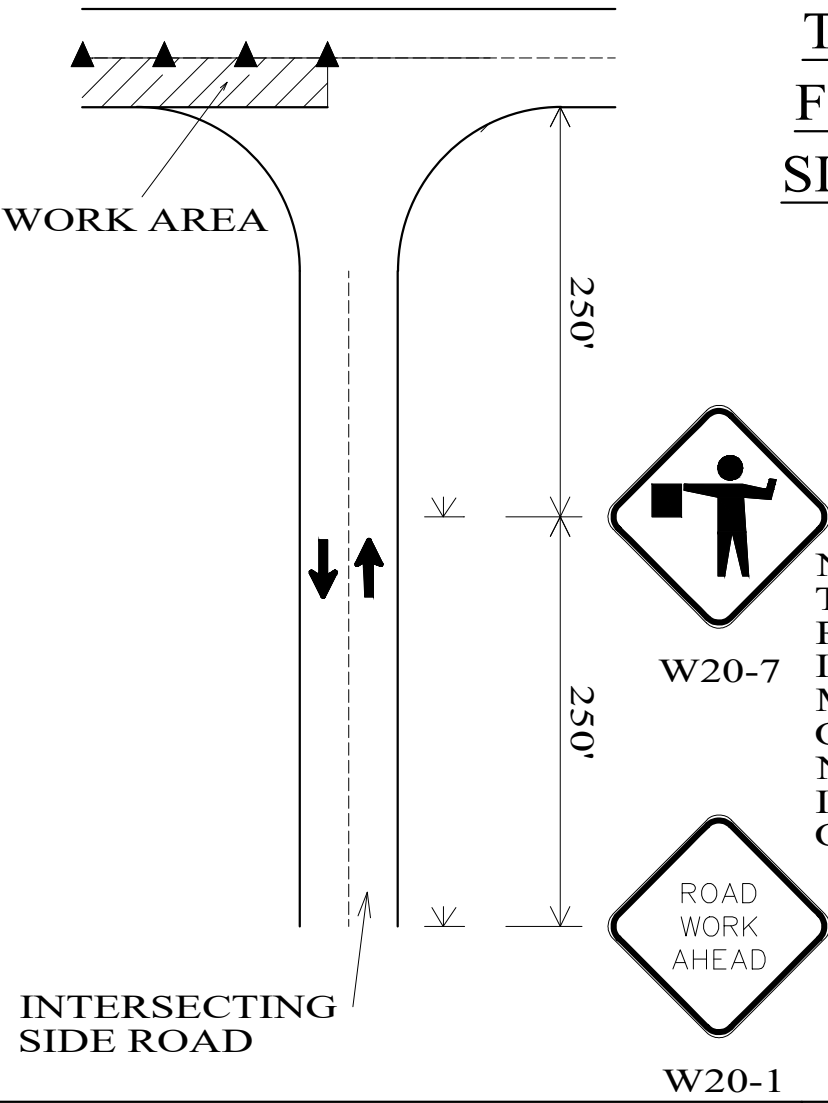
1. ALL ADVANCE WARNING SIGNS REQUIRED AT THE BEGINNING AND END OF PROJECT SHALL BE POST MOUNTED. ALL SIGNS REQUIRED FOR THE LANE CLOSURE SHALL BE TEMPORARY MOUNTED.

REQUIRED SIGN SIZES	
G20-2	48" X 24"
W20-1	48" X 48"
W20-4	48" X 48"
W20-7	48" X 48"

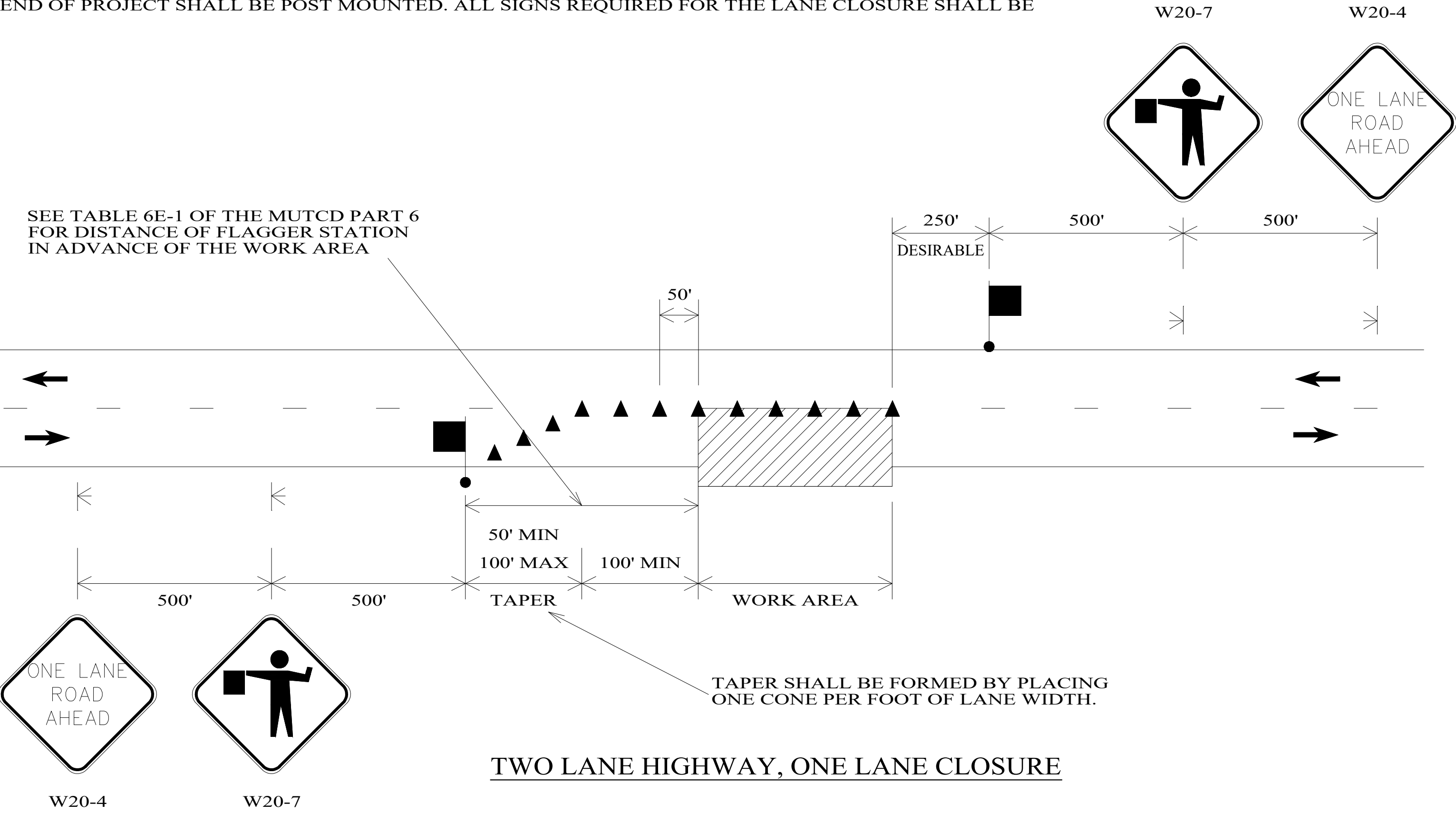
THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TRAFFIC CONTROL
FOR INTERSECTING
SIDE ROADS WITHIN
WORK AREA

NOTE: THE W20-1 SIGN TO BE USED ON INTERSECTING ROADS SHALL BE 36"X36" IN SIZE. THE TEMPORARY MOUNTED W20-1 SIGN SHOWN ON THE SIDE ROAD, WILL NOT BE REQUIRED IF ONE IS ALREADY POST MOUNTED ON THE SIDE STREET.



SEE TABLE 6E-1 OF THE MUTCD PART 6 FOR DISTANCE OF FLAGGER STATION IN ADVANCE OF THE WORK AREA



LEGEND

- TEMPORARY MOUNTED SIGN
- POST MOUNTED SIGN
- CONES
- FLAGGER
- WORK AREA

NOT TO SCALE

--SPECIFICATIONS-- CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION	
SPECIAL DRAWING NO	INDEX NO
SPECIAL PROJECT DETAIL	



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REVISIONS:

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DRAWN BY: D.T.J.
DATE DRAWN: 3-24-2021
REVISED DATE: 10/11/2024

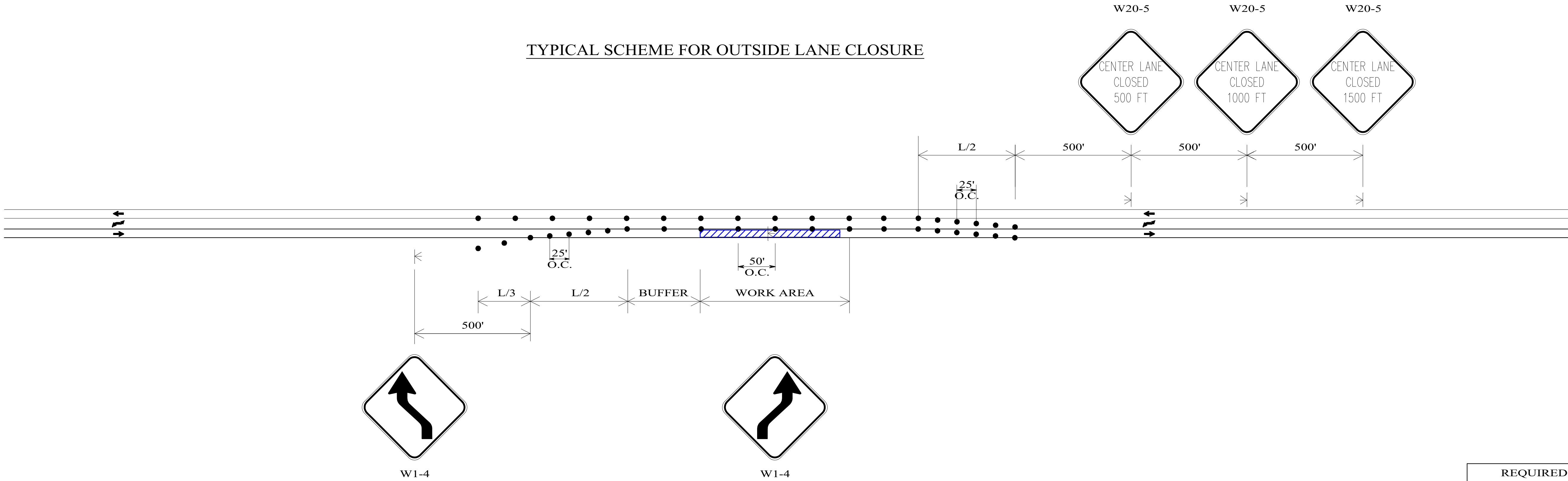
DESIGN BUREAU SPECIAL DRAWING

DETAILS FOR TRAFFIC CONTROL
FOR TWO-LANE HIGHWAYS

TEMPORARY TRAFFIC CONTROL PLAN SHEET

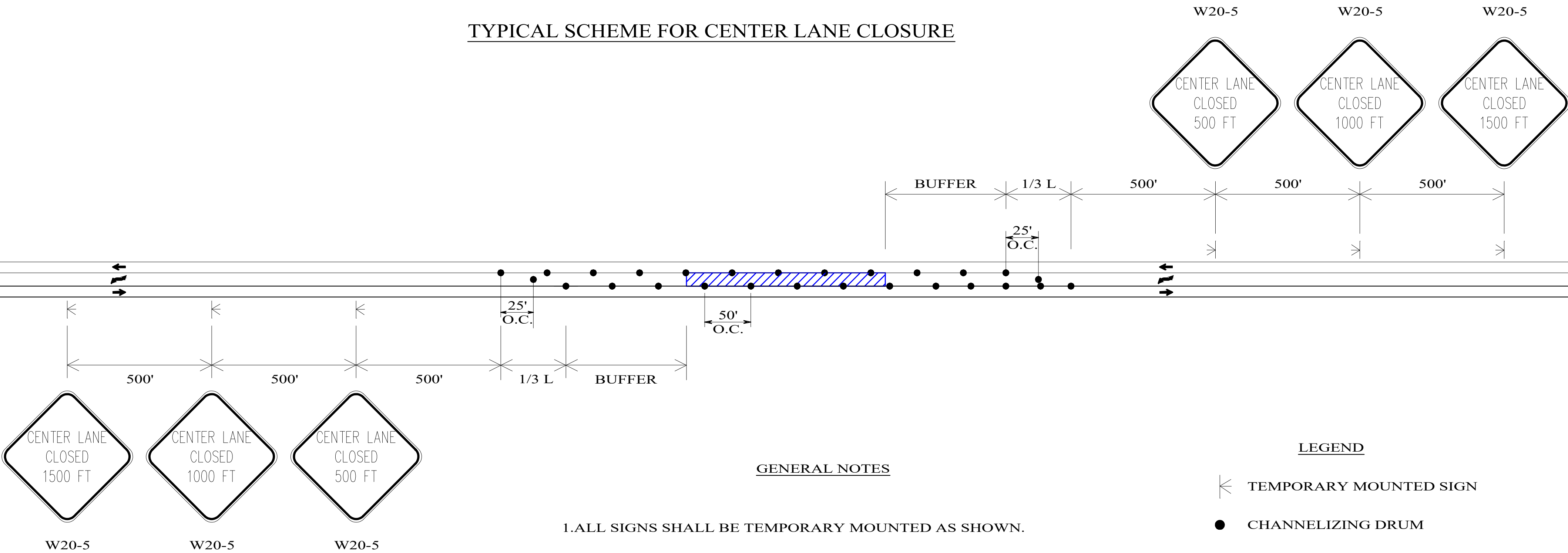
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH--MR24(902)	2026	55

TYPICAL SCHEME FOR OUTSIDE LANE CLOSURE



REQUIRED SIGN SIZES	
W1-4	48" X 48"
W20-5	48" X 48"

TYPICAL SCHEME FOR CENTER LANE CLOSURE



THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

GENERAL NOTES

1. ALL SIGNS SHALL BE TEMPORARY MOUNTED AS SHOWN.

LEGEND

- TEMPORARY MOUNTED SIGN
- CHANNELIZING DRUM
- WORK AREA

NOT TO SCALE

--SPECIFICATIONS--

CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

SPECIAL DRAWING NO

INDEX NO

SPECIAL PROJECT DETAIL

2021

DETAILS FOR TRAFFIC CONTROL FOR 3-LANE HIGHWAY LANE CLOSURES

Bureau Std Engr: D.J.W.
DRAWN BY:
DATE DRAWN: 6-12-2019
REVISED DATE:

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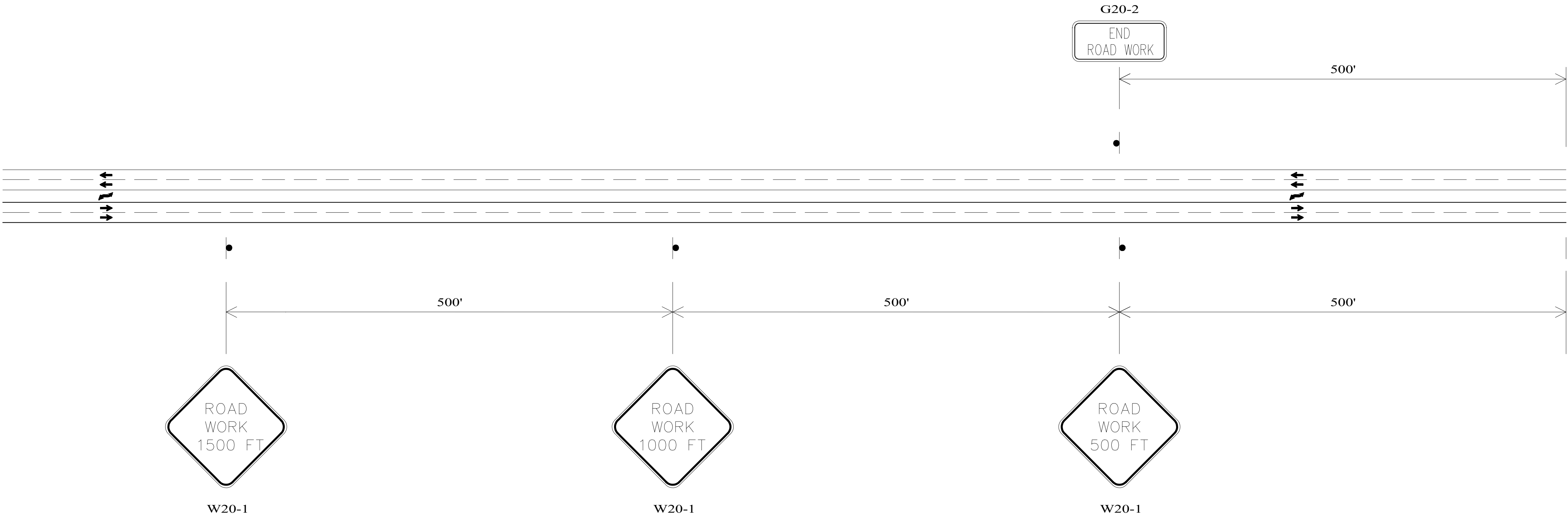
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TEMPORARY TRAFFIC CONTROL PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	56



TYPICAL PLACEMENT
FOR ADVANCE
WARNING SIGNS

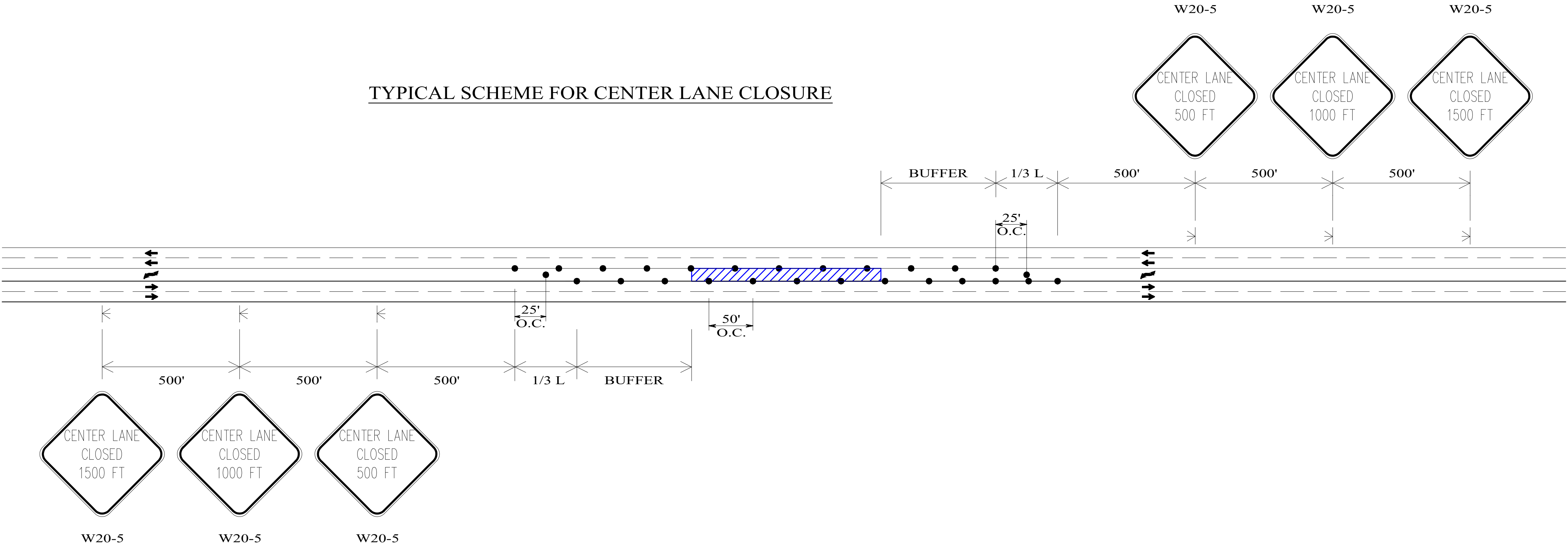
REQUIRED SIGN SIZES	
G20-2	48" X 24"
W20-1	48" X 48"
W20-5	48" X 48"

THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LEGEND

- TEMPORARY MOUNTED SIGN
- POST MOUNTED SIGN
- CHANNELIZING DRUM
- WORK AREA

TYPICAL SCHEME FOR CENTER LANE CLOSURE



GENERAL NOTES

1.ALL ADVANCE WARNING SIGNS REQUIRED AT THE BEGINNING AND END OF PROJECT SHALL BE POST MOUNTED. ALL SIGNS REQUIRED FOR THE LANE CLOSURE SHALL BETEMPORARY MOUNTED.

NOT TO SCALE

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

SPECIAL DRAWING NO INDEX NO

SPECIAL PROJECT DETAIL



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DATE DRAWN: _____
REVISED DATE: 3-24-2021

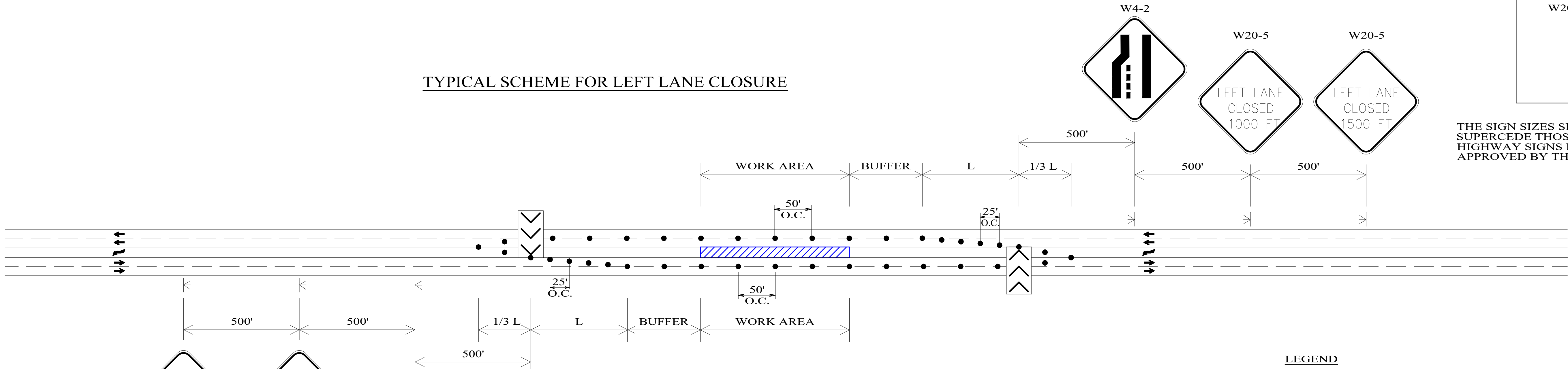
DESIGN BUREAU SPECIAL DRAWING

DETAILS FOR TRAFFIC CONTROL FOR 5-LANE HIGHWAYS

TEMPORARY TRAFFIC CONTROL PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	57

TYPICAL SCHEME FOR LEFT LANE CLOSURE



REQUIRED SIGN SIZES	
W4-2 W20-5	48" X 48" 48" X 48"

THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

GENERAL NOTES

1. ALL ADVANCE WARNING SIGNS REQUIRED AT THE BEGINNING AND END OF PROJECT SHALL BE POST MOUNTED. ALL SIGNS REQUIRED FOR THE LANE CLOSURE SHALL BE TEMPORARY MOUNTED.



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Bureau Std Engr: D.J.W.
DRAWN BY: _____
DATE DRAWN: _____
REVISED DATE: 3-24-2021

DESIGN BUREAU SPECIAL DRAWING

DETAILS FOR TRAFFIC CONTROL FOR 5-LANE HIGHWAYS

NOT TO SCALE

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

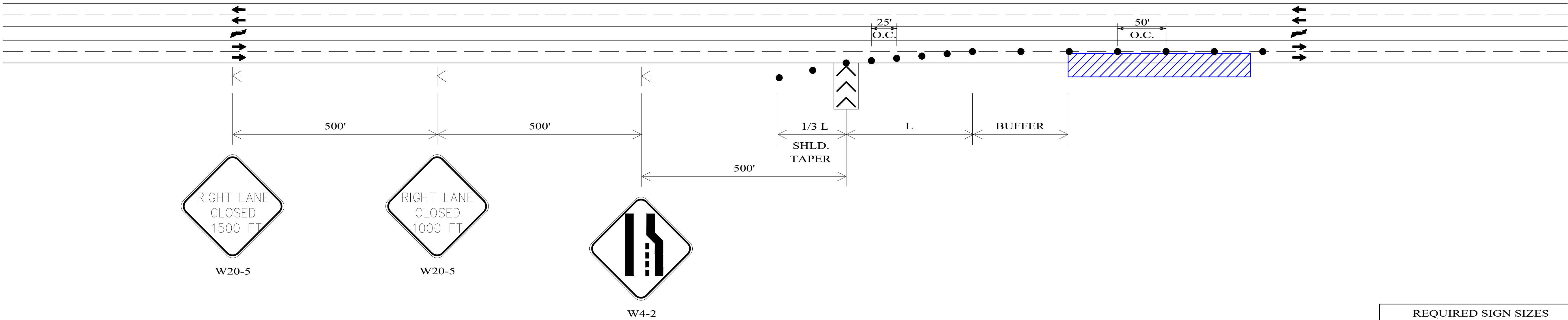
SPECIAL DRAWING NO INDEX NO

SPECIAL PROJECT DETAIL

TEMPORARY TRAFFIC CONTROL PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CRPBH-MR24(902)	2026	58

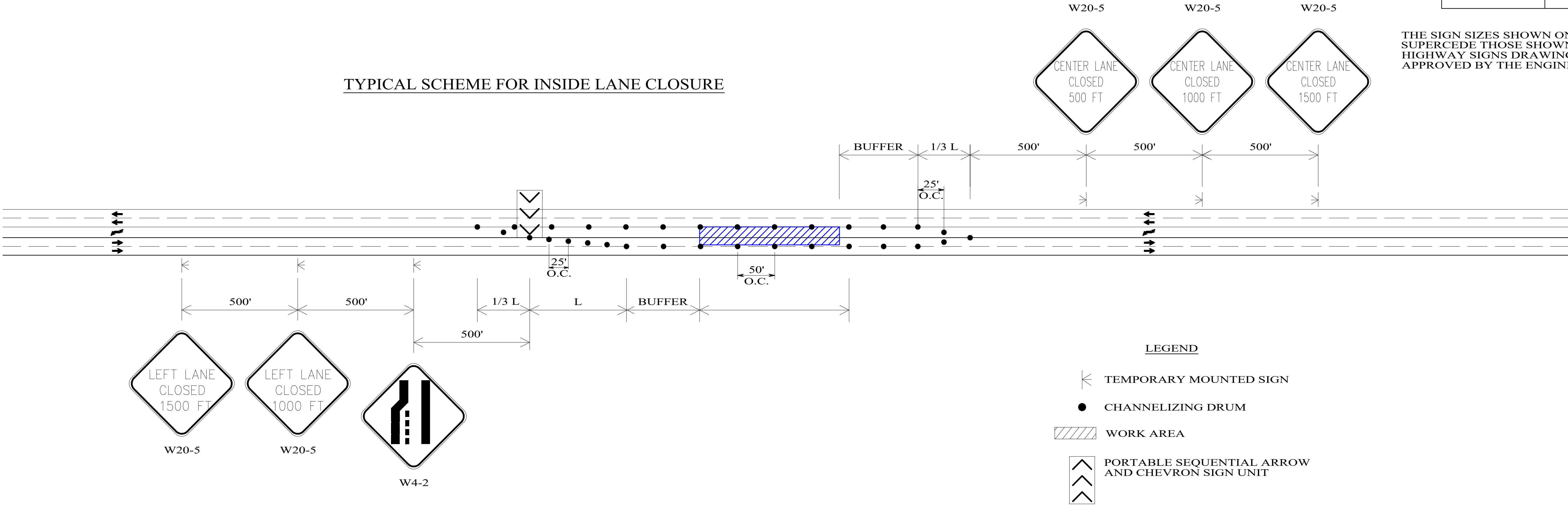
TYPICAL SCHEME FOR OUTSIDE LANE CLOSURE



REQUIRED SIGN SIZES	
W4-2	48" X 48"
W20-5	48" X 48"

THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TYPICAL SCHEME FOR INSIDE LANE CLOSURE



LEGEND

- TEMPORARY MOUNTED SIGN
- CHANNELIZING DRUM
- WORK AREA
- PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT

GENERAL NOTES

1.ALL SIGNS SHALL BE TEMPORARY MOUNTED AS SHOWN.

NOT TO SCALE

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION



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Revised text on 12-8-2021 by D.J.W.

Bureau Std Engr: D.J.W.
DRAWN BY: _____
DATE DRAWN: _____
REVISED DATE: 12-8-2021

DESIGN BUREAU SPECIAL DRAWING
DETAILS FOR TRAFFIC CONTROL FOR 5-LANE HIGHWAYS

SPECIAL DRAWING NO
SPECIAL PROJECT DETAIL

INDEX NO