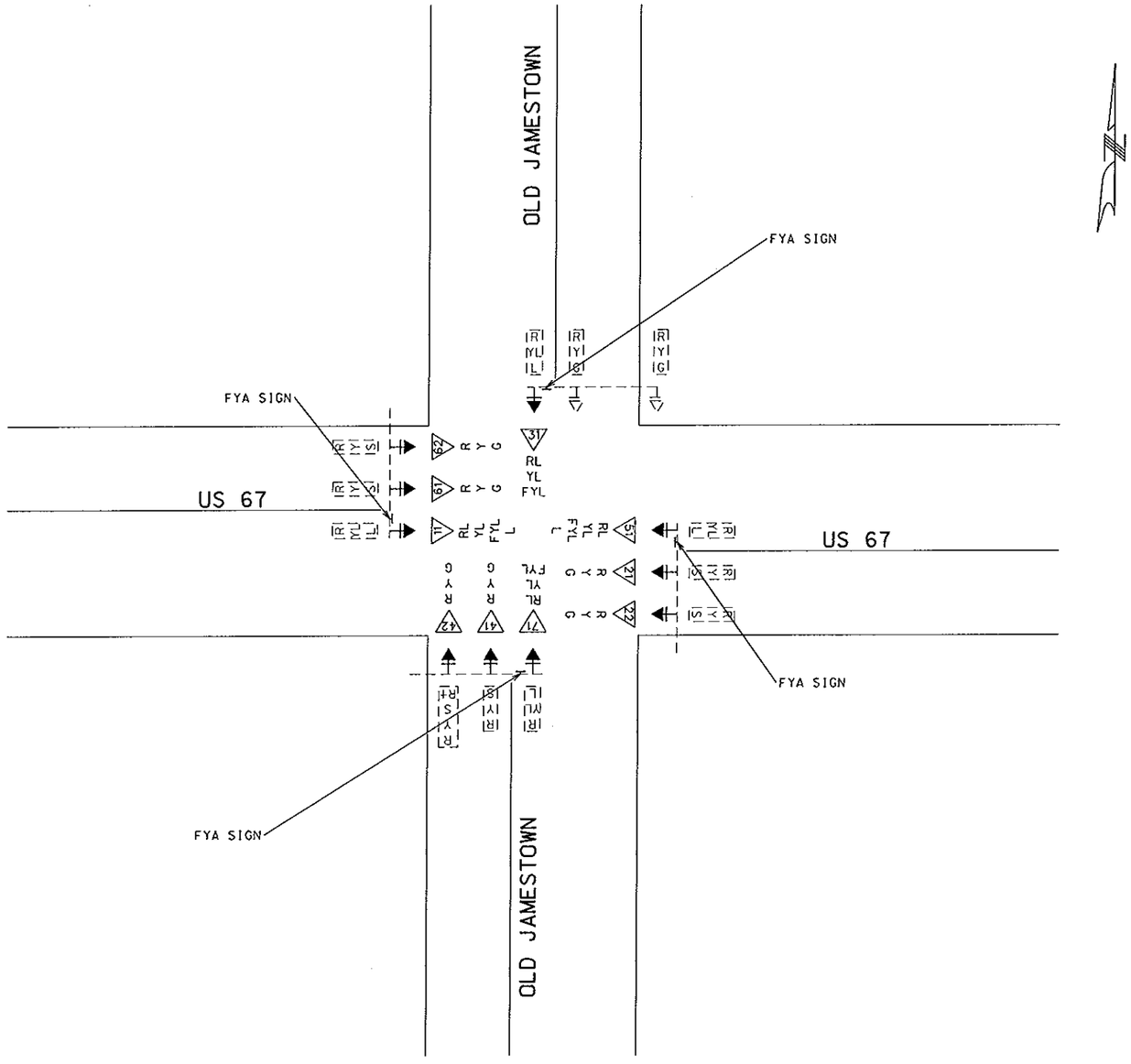

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NOT TO SCALE

ST. LOUIS COUNTY
MO 67 AT
OLD JAMESTOWN

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 1/18/2012

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	210

COUNTY: VARIOUS
JOB NO.: J6P2404
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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REV.

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Cabinet Modifications: US 67 @ Old Jamestown, St. Louis County
Definition: This work will include cabinet modification to provide for four special overlaps to accommodate Flashing Yellow Arrow. Contractor shall use the 12 LS FYAc (compact) installation method.

US 67: WBLT Create Special Overlap A

Move the field wires for Phase 1 to meet the following color code:
* Red Wire to LS 1 Red output = 4-section Red Arrow
* Orange Wire to LS 1 Yellow output = 4-section Steady Yellow Arrow
* Black/White Wire to LS 1 Green output = 4-section Flashing Yellow Arrow
* Green Wire to LS 9 Yellow output = 4-section Green Arrow
* On the back panel connect Overlap A Green with LS 9 Yellow control
* Connect Channel 9 Yellow to LS 9 Yellow
* Disconnect LS 9 Green from Channel 9 Green
* Remove jumper on back panel connecting LS 9 Yellow Control and Phase 2 Ped Clearance
* Install a Load Switch for LS position 9 in the field terminal

Old Jamestown: NBLT Create Special Overlap B

Move the field wires for Phase 3 to meet the following color code:
* Red Wire to LS 3 Red output = 3-section Red Arrow
* Orange Wire to LS 3 Yellow output = 3-section Steady Yellow Arrow
* Black/White Wire to LS 3 Green output = 3-section Flashing Yellow Arrow

US 67: EBLT Create Special Overlap C

Move the field wires for Phase 5 to meet the following color code:
* Red Wire to LS 5 Red output = 4-section Red Arrow
* Orange Wire to LS 5 Yellow output = 4-section Steady Yellow Arrow
* Black/White Wire to LS 5 Green output = 4-section Flashing Yellow Arrow
* Green Wire to LS 11 Yellow output = 4-section Green Arrow
* On the back panel connect Overlap C Green with LS 11 Yellow control
* Connect Channel 11 Yellow to LS 11 Yellow
* Disconnect LS 11 Green from Channel 11 Green
* Remove jumper on back panel connecting LS 11 Yellow Control and Phase 6 Ped Clearance
* Install a Load Switch for LS position 11 in the field terminal

Old Jamestown: SBLT Create Special Overlap D

Move the field wires for Phase 7 to meet the following color code:
* Red Wire to LS 7 Red output = 3-section Red Arrow
* Orange Wire to LS 7 Yellow output = 3-section Steady Yellow Arrow
* Black/White Wire to LS 7 Green output = 3-section Flashing Yellow Arrow

SIGNAL HEADS (ALL L.E.D.)

FACE NUMBER	INDICATIONS * 12" LENS CONVENTIONAL R	RL	RR†	Y	YL	YR†	FYL	G	S	L	R†	VISORS* 12" LENS	BACKPLATE* LENSES 1	2	3	4	5	BRACKET* TYPE I	II	III	ONE-FACE SECTION 3- T	S	C	B	4- T	S	C	B	REPLACE RED & YELLOW LEFT RL/YL
11		1			1		1			1		4				1		1											1
21	1			1				1				3			1			1						1					
22	1			1				1				3			1			1						1					
31		1			1		1					3			1			1						1					
41	1			1				1				3			1			1						1					
42	1			1				1				3			1			1						1					
51		1			1		1			1		4				1		1											1
61	1			1				1				3			1			1						1					
62	1			1				1				3			1			1						1					
71		1			1		1					3			1			1						1					
												TOTAL CONVENTIONAL									0	0	0	8	0	0	0	2	0

LEGEND: T - TOP MOUNT C - SPANWIRE MOUNT
S - SIDE MOUNT B - MAST ARM MOUNT

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

Controller Assembly and Auxiliary Equipment

NEMA	Signal Monitor	SDLC Panel	Coordination Interface: Fiber Master	Fiber Local	Time Base	Close Loop Nema	Close Loop 170	Fiber

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
OLA FYA WBLT	PH 2 EB	OLB FYA NBLT	PH 4 SB	OLC FYA EBLT	PH 6 WB	OLD FYA SBLT	PH 8 NB	PH 1 WBLT		PH 5 EBLT	

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MO 67 AT
OLD JAMESTOWN

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DATE PREPARED 1/18/2012
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 211
COUNTY VARIOUS
JOB NO. J6P2404
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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D37-MOD

REV.

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