

PHASING DIAGRAM DETECTION LEGEND

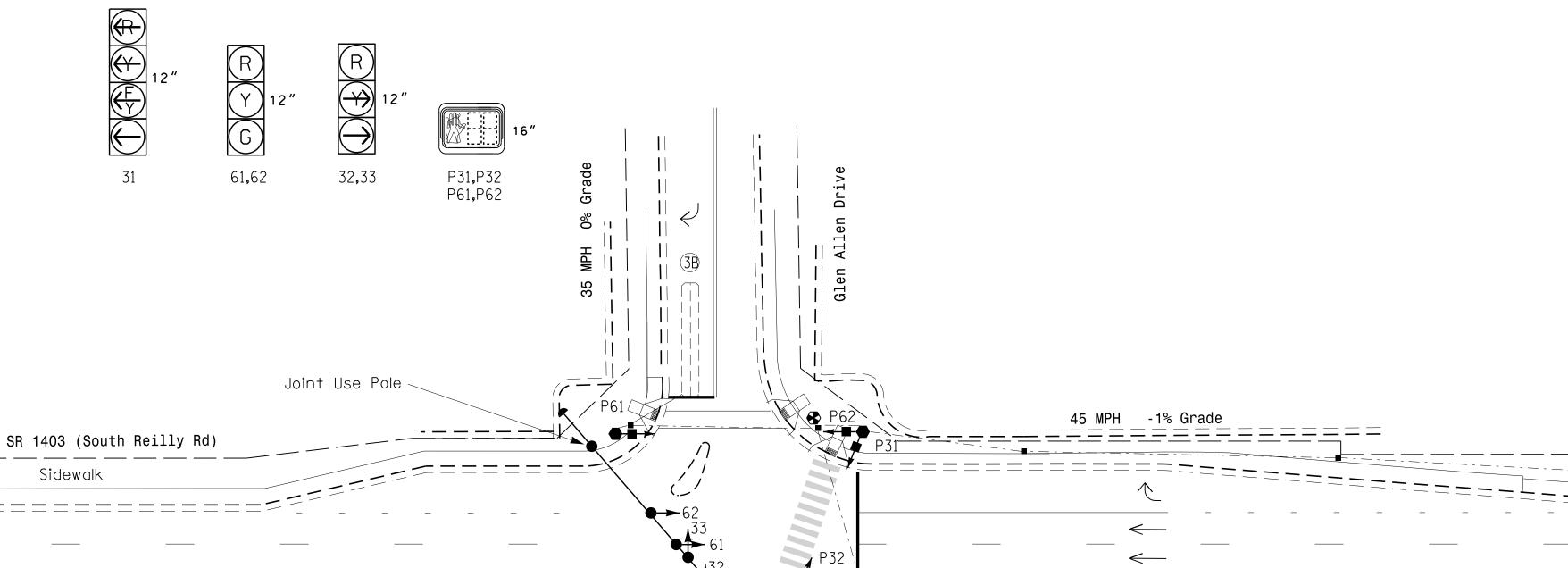
DETECTED MOVEMENT
UNDETECTED MOVEMENT (OVERLAP)
UNSIGNALIZED MOVEMENT
PEDESTRIAN MOVEMENT

TABL	E	0F	0	PER	ATI	ON	
				PHASE			
	SIGNAL FACE			®⇔	© 60	14のエ	
	31			\	누	- +	
3	2,3	33		1	R	R	
6	1,6	52		R	G	Υ	
Р3	1 , F	32		W	DW	DRK	
P6	1 , F	°62		DW	W	DRK	

ASC/3 DETECTOR INSTALLATION CHART											
DETECTOR				PROGRAMMING							
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTEND TIME	DELAY TIME	TYPE	SYSTEM LOOP	NEW CARD
3A	6X60	+20	2-4-2	-	3	Yes	-	15	S	-	Χ
3B	6X40	0	2-4-2	-	3	Yes	ı	15	S	ı	Χ
6A/S6A	6X6	300	4	-	6	Yes	_	-	N	Χ	Χ
6B/S6B	6X6	300	4	_	6	Yes	_	-	N	Χ	Χ

SIGNAL FACE I.D.

All Heads L.E.D.



Pole-Mounted Cabinet

Manual and submit a Plan of Record to the Signal Design Section.

5. Locate new cabinet so as not

3. Set all detector units to

2 Phase

Fully Actuated

Fayetteville Signal System

1. Refer to "Roadway Standard

2012 and "Standard

the Engineer.

presence mode.

4. In the event of loop

NOTES

Drawings NCDOT" dated January

Specifications for Roads and

unless otherwise directed by

2. Do not program signal for late night flashing operation

Structures" dated January 2012.

to obstruct sight distance of vehicles turning right on red.

replacement, refer to the

current ITS and Signals Design

PROJECT REFERENCE NO.

U-5742

Sig. 245.0

6. Program controller to operate using FYA compact mode.7. Omit "WALK" and flashing

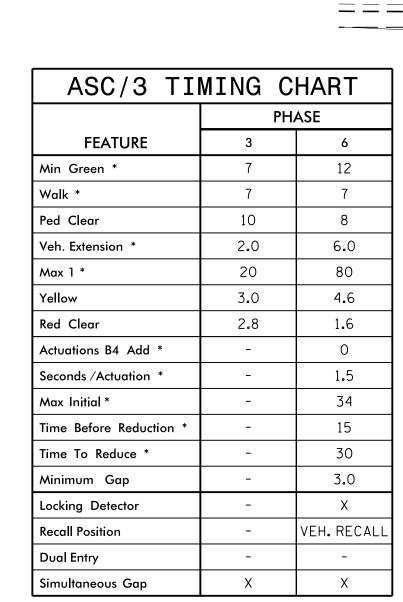
"DON'T WALK and Flashing
"DON'T WALK" with no
pedestrian calls.

8. Program pedestrian heads to countdown the flashing "Don't Walk" time only.

9. Pavement markings are existing.

6B 56B 6A 56A

10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.



45 MPH 0% Grade

* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

LEGEND <u>EXISTING</u> Traffic Signal Head Modified Signal Head Sign Pedestrian Signal Head With Push Button & Sign Signal Pole with Guy Signal Pole with Sidewalk Guy Inductive Loop Detector Controller & Cabinet Junction Box 2-in Underground Conduit Right of Way Directional Arrow "U-TURN YIELD TO RIGHT TURN" Sign (R10-16) Curb Ramp Type I Pushbutton Post Type II Signal Pedestal

Signal Upgrade

Prepared In the Offices of:

SR 1403 (South Reilly Road)

at

Glen Allen Street

Division 6 Cumberland Fayetteville

PLAN DATE: March 2016 REVIEWED BY: JPG

PLAN DATE: March 2016 REVIEWED BY:

SCALE

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SCALE

REVISIONS

INIT. DATE

Jajon P. Galbary 8/31/2016

FTOGEA70481841D. DATE

SIGN. INVENTORY NO. 06-1337