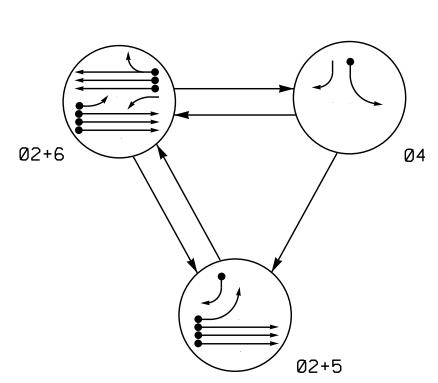
DEFAULT PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

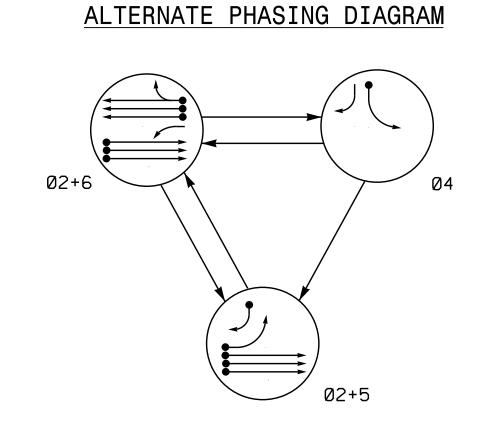
DETECTED MOVEMENT

DEFAULT PHASING							
TABLE OF	TABLE OF OPERATION						
	PHASE						
SIGNAL	00	0	0	-귀			
FACE	02+5	02+6	Ø 4	тчают			
	5	6		ЪН			
21,22	G	G	R	Υ			
41	R	R	O	R			
42	$\mathbb{R}/$	R	G	R			
51	Ų	Ľ∤≻	₩	₹			
61,62	R	G	R	Y			

SIGNAL FACE I.D.

All Heads L.E.D.

ALTERNATE PHASING TABLE OF OPERATION					
	PHASE				
SIGNAL FACE	Ø2+5	Ø2+6	0 4	FLASH	
21,22	G	G	R	Υ	
41	R	R	G	R	
42	R/	R	G	R	
51	↓	- R		-Y	
61,62	R	G	R	Υ	



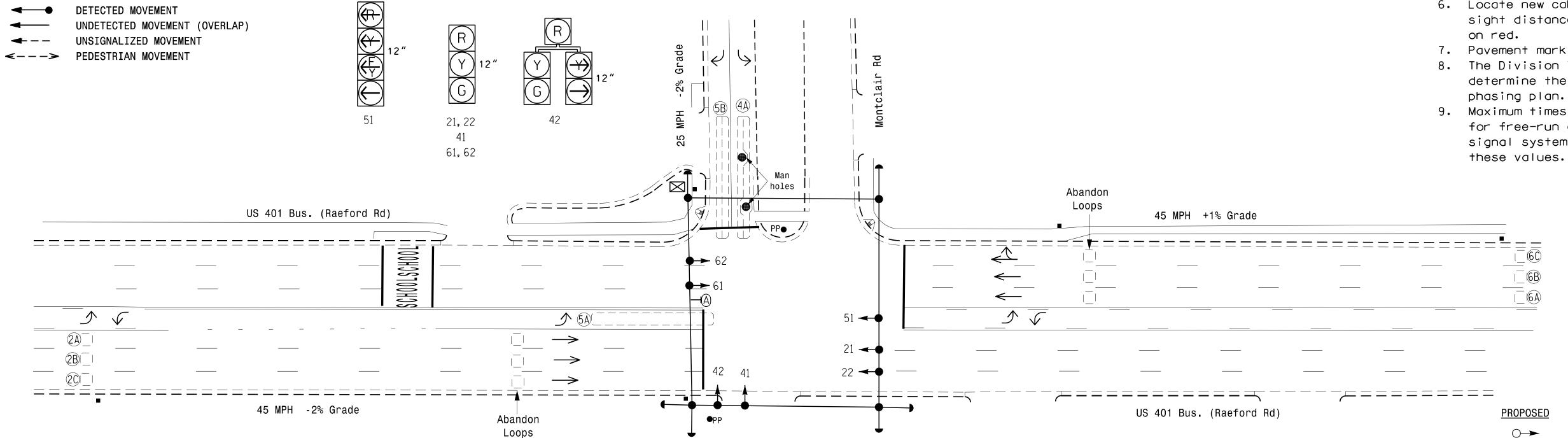
ASC/3 DETECTOR INSTALLATION CHART											
DETECTOR					PROGRAMMING						
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTEND TIME	DELAY TIME	TYPE	SYSTEM LOOP	NEW CARD
2A,2B,2C	6X · 6	300	5	-	2	Yes	-	-	N	ı	Χ
4·A	6X 6 0	+.5	2-4-2	-	4	Yes	-	5	S	1	Χ
<u>.</u> ۲.۸	6X60	+5	Evicting		5	Yes	ı	* 15	S	1	Χ
5 _. A	0,00 +3	Existing -		** 2	Yes	ı	3	G	1	Χ	
5B	6X 6 0	+.5	2-4-2	-	5	Yes	_	15	S	1	Χ
6A,6B,6C	6X6	300	5	-	6	Yes	-	_	N	1	Χ

- * Disable Delay During Alternate Phasing Operation.
- ** Disable Phase 2 Callfor Loop 5A During Alternate Phasing Operation.

3 Phase
Fully Actuated
Fayetteville Signal System

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Phase 5 may be lagged.
- Set all detector units to presence mode.
- 5. In the event of loop replacement, refer to the current ITS and Signals Design Manual and submit a Plan of Record to the Signal Design Section.
- 6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right
- 7. Pavement markings are existing.
- 8. The Division Traffic Engineer will determine the hours of use for each phasing plan.
- 9. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede



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ASC/3 TIMING CHART								
	PHASE							
FEATURE	2	4	5	6				
Min Green *	12	7	7	12				
Walk *	0	0	0	0				
Ped Clear	0	0	0	0				
Veh. Extension *	6.0	1.0	1.0	6.0				
Max 1 *	90	25	15	90				
Yellow	4.7	3.3	3.0	4.7				
Red Clear	1.6	2.4	2.4	1.6				
Actuations B4 Add *	0	-	-	0				
Seconds /Actuation *	1.5	-	-	1 . 5				
Max Initial *	34	-	-	34				
Time Before Reduction *	15	-	-	15				
Time To Reduce *	30	-	-	30				
Minimum Gap	3.0	-	-	3.0				
Locking Detector	Х	-	-	Х				
Recall Position	VEH. RECALL	-	-	VEH. RECALL				
Dual Entry	-	_	-	-				
Simultaneous Gap	Х	Х	X	Х				

* 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.

\dashv	Sign	_
\downarrow	Pedestrian Signal Head With Push Button & Sign	•
<u> </u>	Signal Pole with Guy	•
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	$\subseteq = = \supset$
	Controller & Cabinet	K×7 L 2
	Junction Box	
	- 2-in Underground Conduit	
N/A	Right of Way	
\longrightarrow	Directional Arrow	\longrightarrow
N/A	Wheel Chair Ramp	
$\langle \! \! \Delta \! \! \rangle$	"ONCOMING TRAFFIC MAY HAVE EXTENDED GREEN" Sign (W25-2)	A

<u>LEGEND</u>

Traffic Signal Head

Modified Signal Head

<u>EXISTING</u>

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