PHASING DIAGRAM

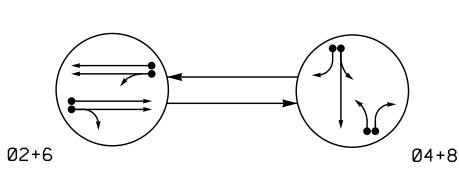


TABLE OF OPERATION					
	PHASE				
SIGNAL FACE	®N+6	04+8	FLASI		
21,22	G	R	H		
41,42	R	G	R		
61,62	G	R	Υ		
81,82	R	G	R		

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
INDUCTIVE LOOPS				DETECTOR PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
2A	6X17	70	EXIST	-	2	Υ	Υ	-	-	-	ı	Υ
4A	6X17	5	EXIST	-	4	Υ	Υ	-	-	_	-	4
6A	6X16	70	EXIST	-	6	Υ	Υ	-	-	-	-	Υ
8.4	6X60	+5	EXIST	_	8	Υ	Υ	ı	-	_	-	Υ
8B	6X60	+5	EXIST	_	8	Y	Y	ı	_	10	-	Υ

PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

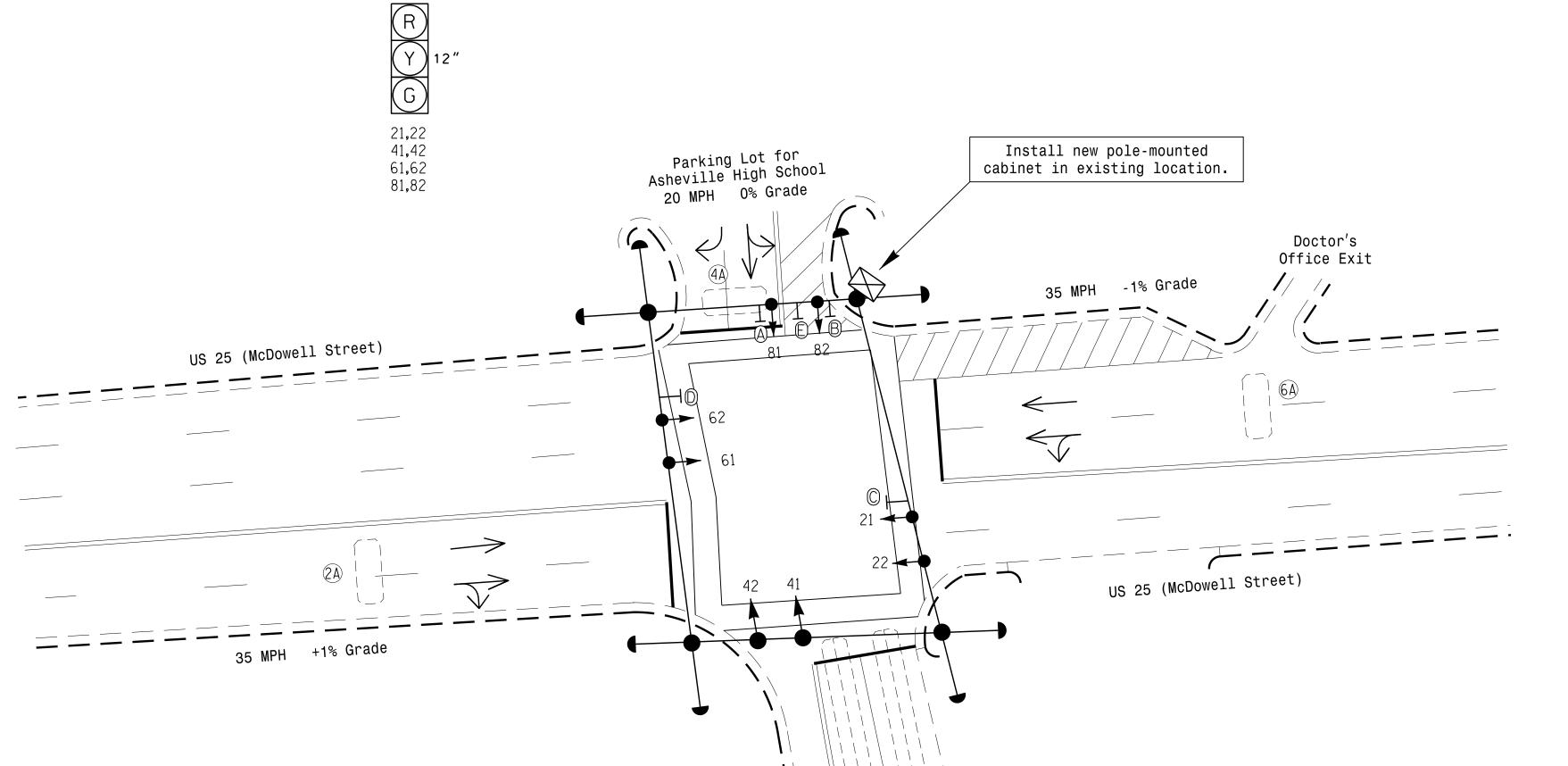
UNDETECTED MOVEMENT (OVERLAP)

UNSIGNALIZED MOVEMENT

PEDESTRIAN MOVEMENT

SIGNAL FACE I.D.

All Heads L.E.D.



OASIS	2070	TIMING	G CHART	Γ	
	PHASE				
FEATURE	2	4	6	8	
Min Green 1 *	10	7	10	7	
Extension 1 *	3.0	2.0	3.0	2.0	
Max Green 1 *	50	25	50	25	
Yellow Clearance	3.9	3.0	3.9	3.0	
Red Clearance	1.2	2.3	1.2	2.3	
Red Revert	2.0	2.0	2.0	2.0	
Walk 1 *	-	-	-	-	
Don't Walk 1	-	-	=	-	
Seconds Per Actuation *	-	-	-	-	
Max Variable Initial*	-	-	-	-	
Time Before Reduction *	-	-	-	-	
Time To Reduce *	-	-	-	-	
Minimum Gap	-	-	-	-	
Recall Mode	MIN RECALL	-	MIN RECALL	-	
Vehicle Call Memory	YELLOW	-	YELLOW	-	
Dual Entry	-	ON	-	ON	
O. I. O	011	011	011	011	

* 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.

NOTES

2 Phase

Fully Actuated Asheville Signal System

- Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Set all detector units to presence mode.
- 4. 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.
- 5. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 6. Repaint stopbars and/or crosswalks.
- 7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

LEGEND

<u>PROPOSEI</u>	<u>D</u>	<u>EXISTING</u>
\bigcirc	Traffic Signal Head	
O ->	Modified Signal Head	N/A
\dashv	Sign	\dashv
\downarrow	Pedestrian Signal Head With Push Button & Sign	•
0	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
\boxtimes	Controller & Cabinet	K×7
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
\longrightarrow	Directional Arrow	\longrightarrow
$\langle A \rangle$	Left Arrow "ONLY" Sign (R3-5L) (A)
$\langle \mathbb{B} \rangle$	Right Arrow "ONLY" Sign (R3-5R) B
$\langle \mathbb{C} \rangle$	No Left Turn Sign (R3-2)	Ö
$\langle \mathbb{D} \rangle$	No Right Turn Sign (R3-1)	Ō
E	"DO NOT ENTER" Sign (R5-1)	Ē

