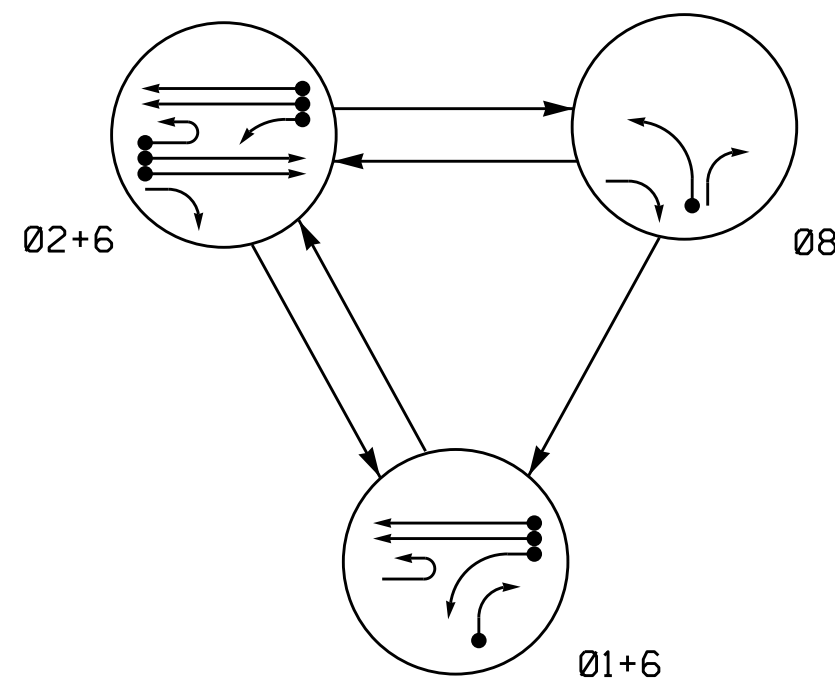
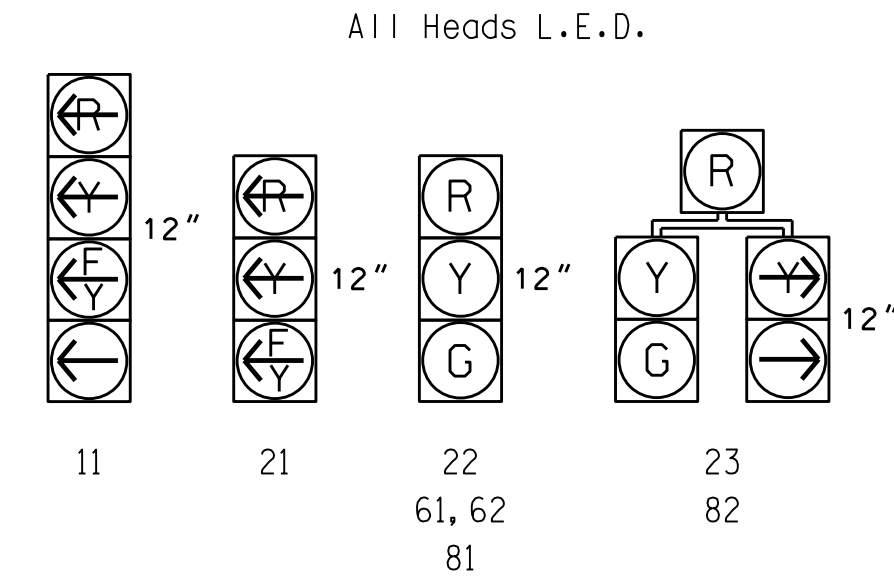


**PHASING DIAGRAM**



SIGNAL FACE	PHASE			
	01+6	02+6	08	F
11	←	←	←	←
21	←	←	←	←
22	←	←	←	←
23	←	←	←	←
61, 62	←	←	←	←
81	←	←	←	←
82	←	←	←	←

**SIGNAL FACE I.D.**



**OASIS 2070 LOOP & DETECTOR INSTALLATION CHART**

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	DETECTOR PROGRAMMING							
				PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
1A	6X40	0	2-4-2	Y	Y	Y	-	-	15	-	Y
1B	6X40	0	2-4-2	Y	Y	Y	-	-	15	-	Y
2A/S01	6X6	300	5	Y	Y	Y	-	-	-	-	Y
2B/S02	6X6	300	5	Y	Y	Y	-	-	-	-	Y
2C	6X40	0	2-4-2	Y	Y	Y	-	-	3	-	Y
6A/S03	6X6	300	5	Y	Y	Y	-	-	-	-	Y
6B/S04	6X6	300	5	Y	Y	Y	-	-	-	-	Y
8A	6X40	0	2-4-2	Y	Y	Y	-	-	-	-	Y

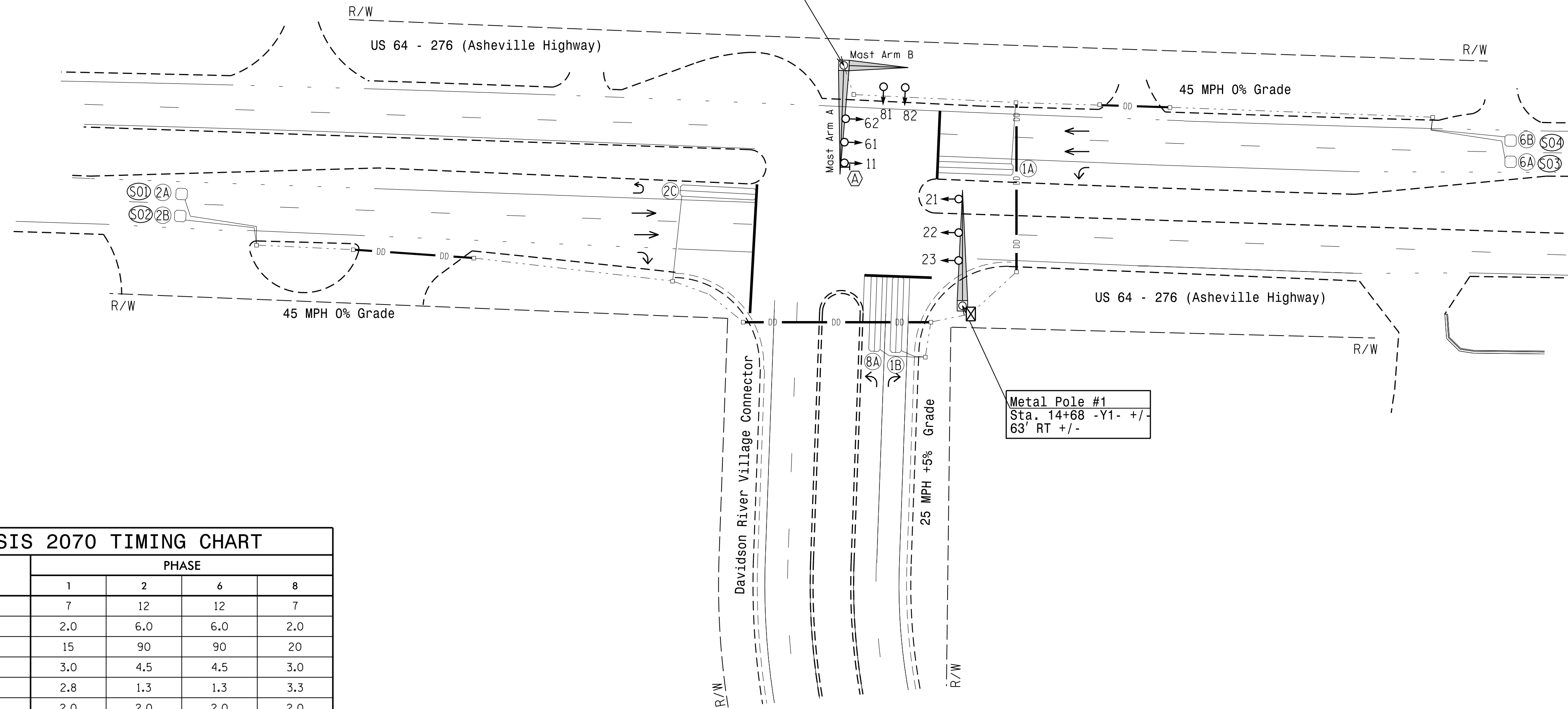
3 Phase Fully Actuated US 64 / 276 Brevard CLS

**PHASING DIAGRAM DETECTION LEGEND**

- ←● DETECTED MOVEMENT
- ← UNDETECTED MOVEMENT (OVERLAP)
- ← UN SIGNALIZED MOVEMENT
- ← PEDESTRIAN MOVEMENT

**NOTES**

- 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.
- Phase 1 may be lagged.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Closed loop system data: Controller Asset #1287



FEATURE	PHASE			
	1	2	6	8
Min Green 1 *	7	12	12	7
Extension 1 *	2.0	6.0	6.0	2.0
Max Green 1 *	15	90	90	20
Yellow Clearance	3.0	4.5	4.5	3.0
Red Clearance	2.8	1.3	1.3	3.3
Red Revert	2.0	2.0	2.0	2.0
Walk 1 *	-	-	-	-
Don't Walk 1	-	-	-	-
Seconds Per Actuation *	-	1.8	1.8	-
Max Variable Initial *	-	34	34	-
Time Before Reduction *	-	15	15	-
Time To Reduce *	-	30	30	-
Minimum Gap	-	3.0	3.0	-
Recall Mode	-	MIN RECALL	MIN RECALL	-
Vehicle Call Memory	-	YELLOW	YELLOW	-
Dual Entry	-	-	-	-
Simultaneous Gap	ON	ON	ON	ON

\* 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**

- | PROPOSED | EXISTING |
|----------|----------|
|          |          |
|          | N/A      |
|          |          |
|          |          |
|          |          |
|          |          |
|          |          |
|          |          |
|          |          |
|          |          |
|          |          |
|          |          |
|          | N/A      |
|          |          |
|          |          |

**New Installation**

750 N. Greenfield Pkwy, Garner, NC 27529

**US 64-276 (Asheville Highway) at Davidson River Village Connector**

Division 14 Transylvania County Near Brevard

PLAN DATE: September 2015 REVIEWED BY: T. Williams

PREPARED BY: M. Mahbooba REVIEWED BY:

SEAL

9/29/2015

SCALE 0 40 1"=40'

REVISIONS: \_\_\_\_\_ INIT. DATE

SIG. INVENTORY NO. 14-1287

01-001-2015\_09-24  
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