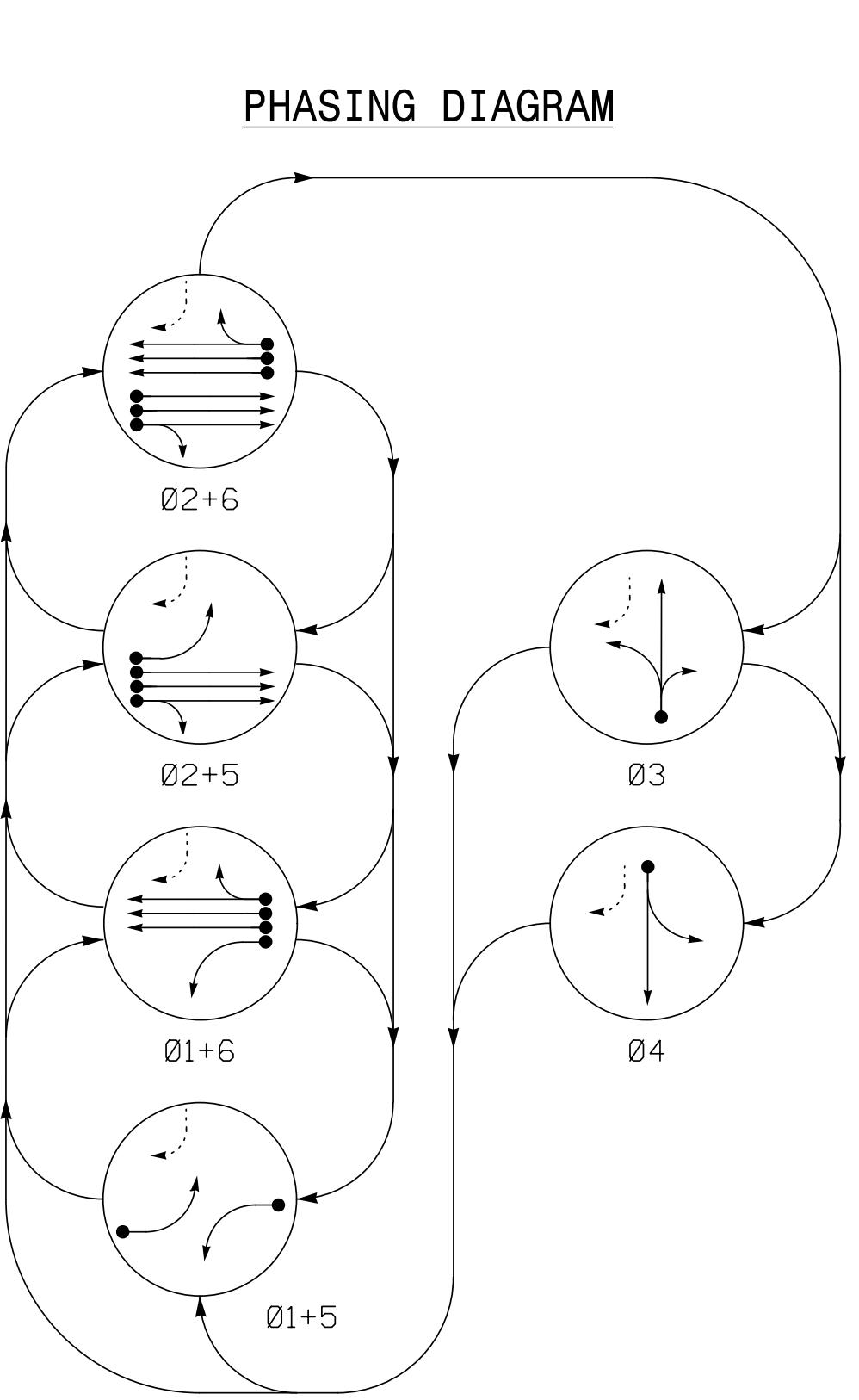


6 Phase
 Fully Actuated
 Gastonia Signal System

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 1 and/or phase 5 may be lagged.
- Reposition existing signal heads numbered 21, 22, 61, and 62.
- Set all detector units to presence mode.
- In the event of loop replacement, refer to the current ITS and Signal Design Manual and submit a Plan of Record to the Signal Design Section.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Pavement markings are existing.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- Install new cabinet on the existing cabinet foundation.
- All new cabinets and base extenders shall be black in color. See Project Special Provisions for details.
- City system data:

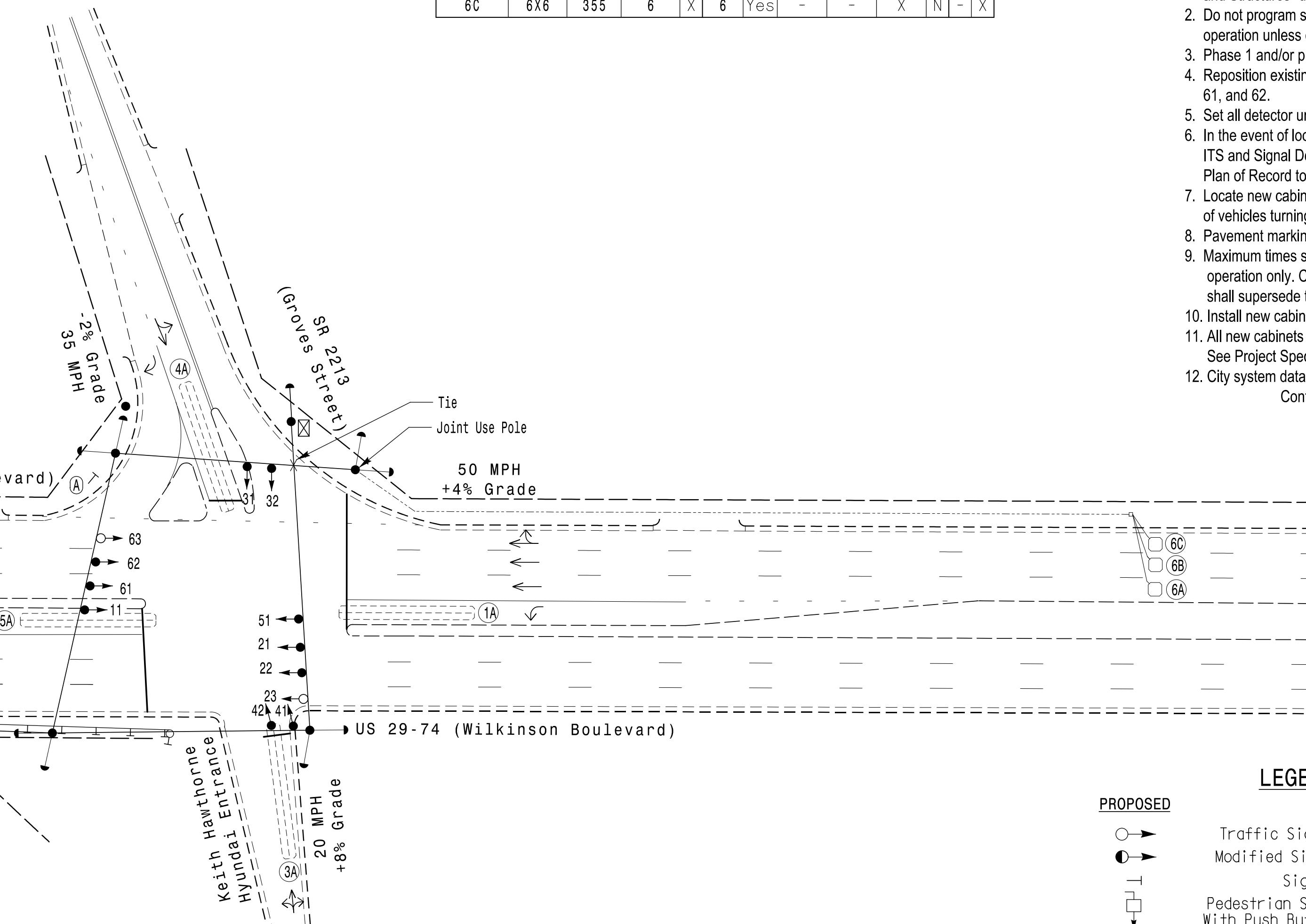
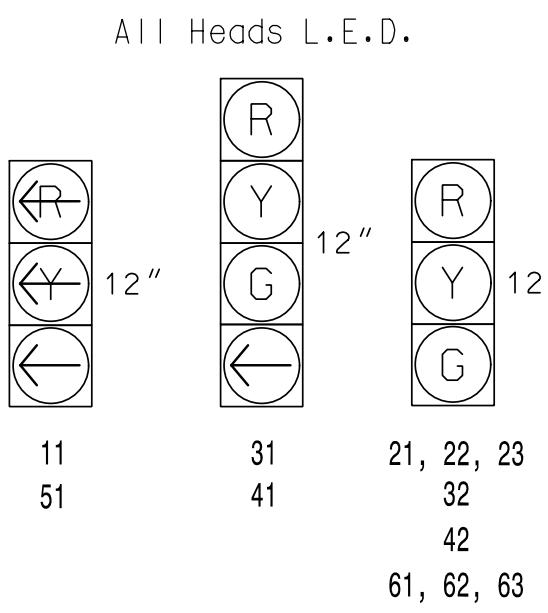
Controller Asset #0080



PHASING DIAGRAM DETECTION LEGEND

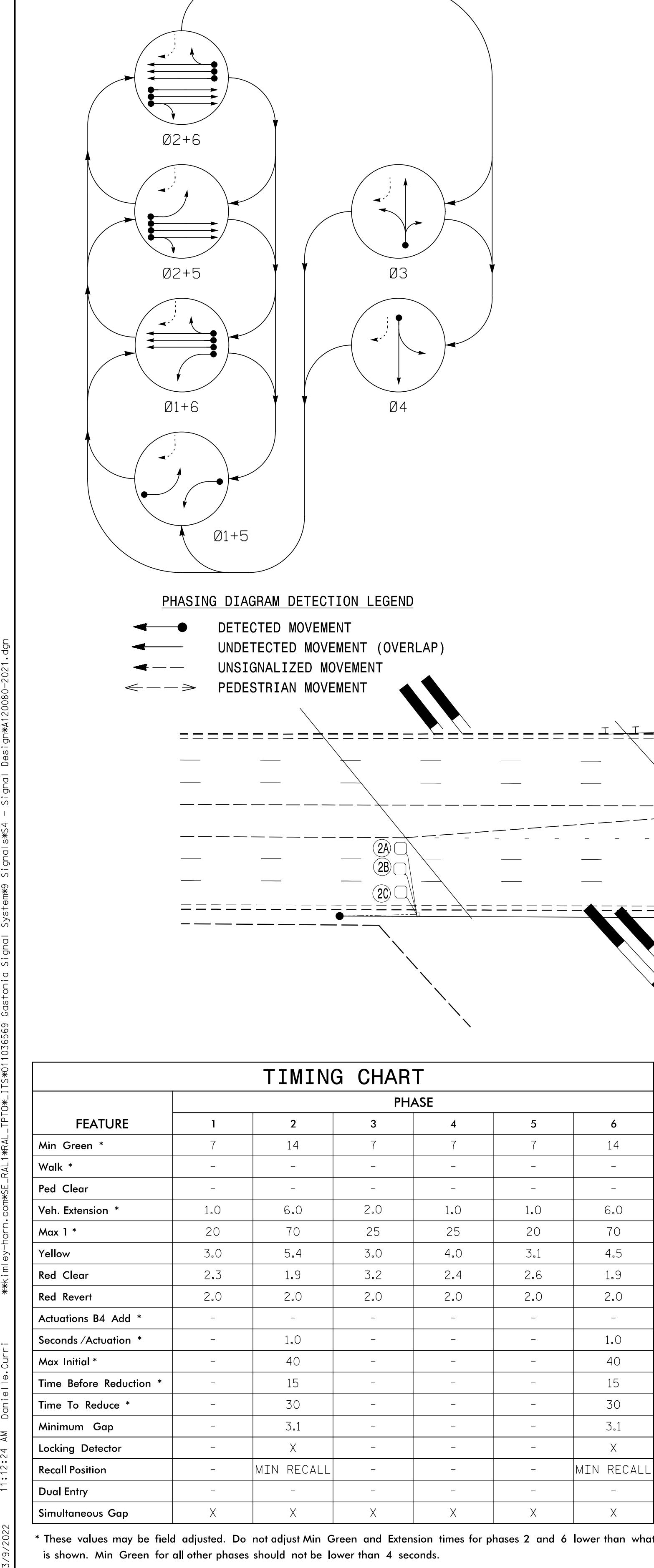
- Detected Movement
- Undetected Movement (Overlap)
- Unsignalized Movement
- Pedestrian Movement

SIGNAL FACE	PHASE					
	0	0	0	0	0	F
1	1	2	2	3	4	FLASH
5	6	5	6	3	4	
11			R	R	R	R
21,22,23	R	R	G	G	R	R
31	R	R	R	R	G	R
32	R	R	R	R	G	R
41	R	R	R	R	G	R
42	R	R	R	R	G	R
51		R	R	R	R	R
61,62,63	R	G	R	G	R	Y

SIGNAL FACE I.D.

***timely-horizon.comSE_BAL1#RAL1#T10*_ITS#01036569_Gastonia Signal System Signal#4120080-2021.dgn

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**Signal Upgrade**