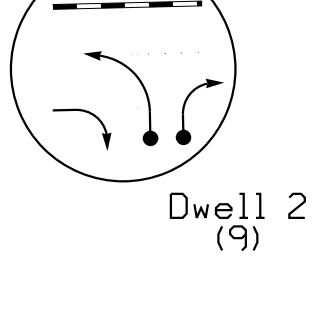
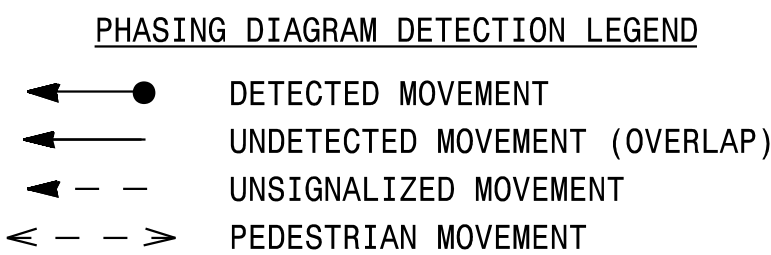
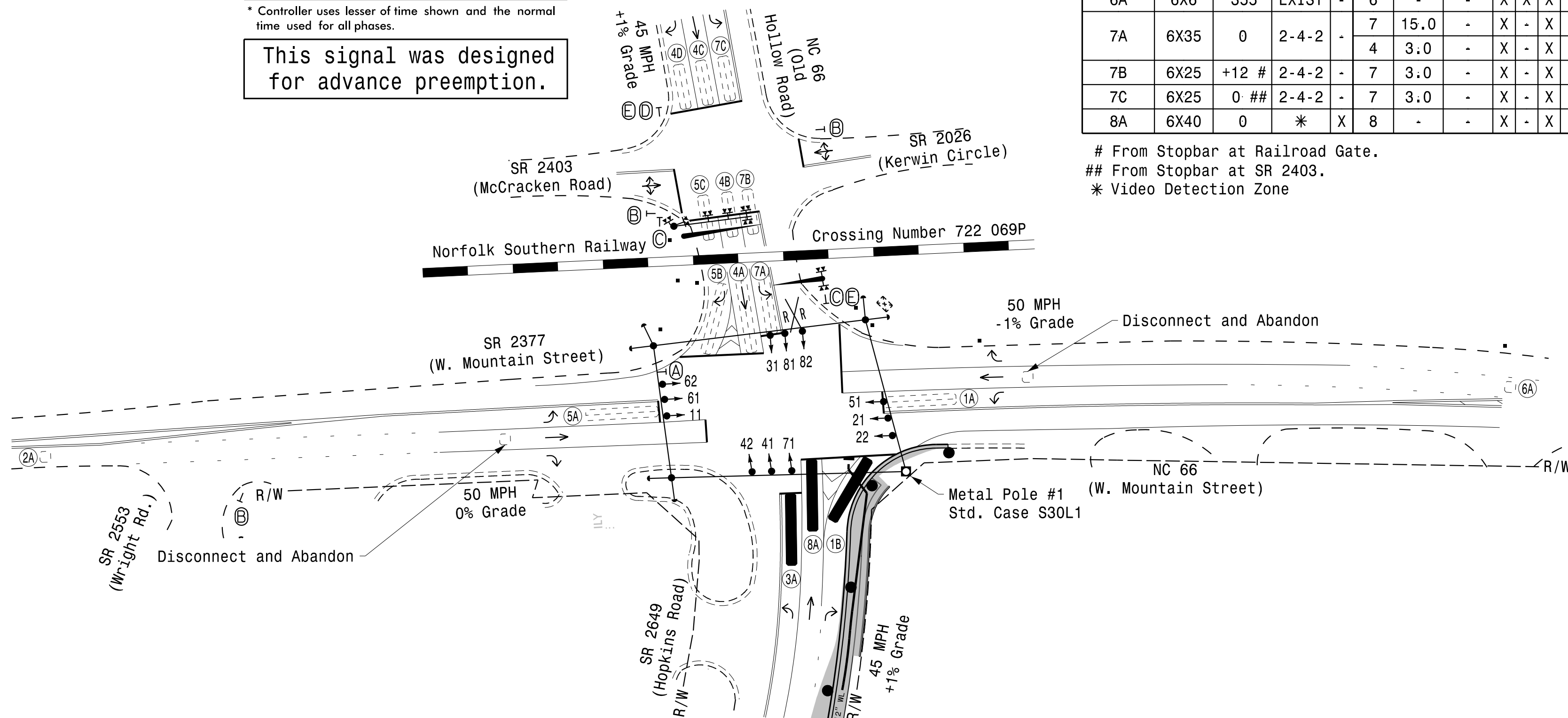




This signal was designed for advance preemption.

* See Note 9.

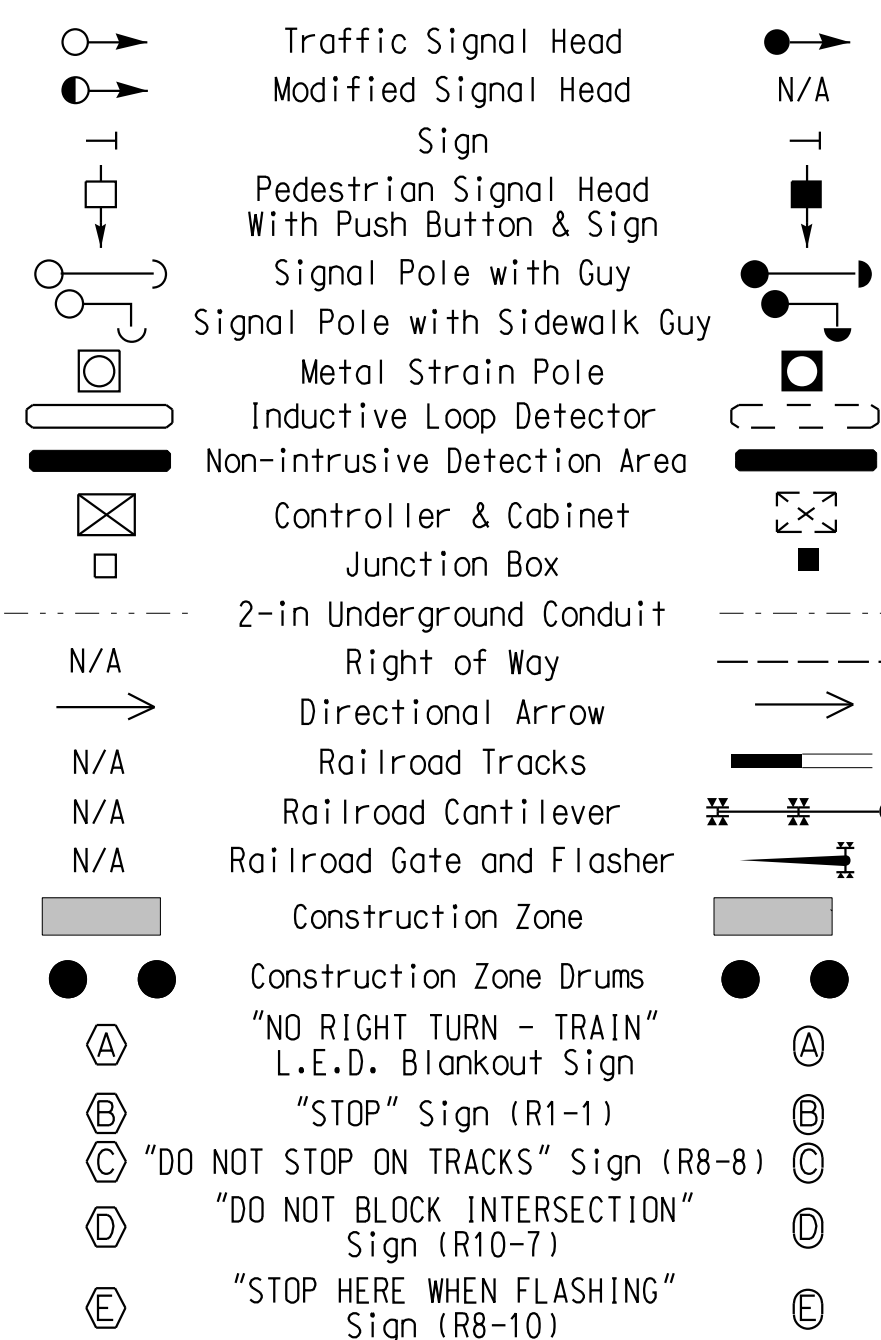
* Video Detection Zone



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

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
2. This location contains railroad preemption phasing. Do not program signal for late night flashing operation.
3. Phase 1 and/or phase 5 may be lagged.
4. Phase 3 and/or phase 7 may be lagged.
5. Set all detector units to presence mode.
6. 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.
7. Disconnect and Abandon existing loops 2B and 6B.
8. Pavement markings are existing.
9. Ensure flashing operation does not alter operation of blank out signs.
10. Install new 2070LX controller in existing signal cabinet.
11. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
12. This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
13. Program phase 40 to run concurrently with all phases during normal operation. Phase 39 must be incompatible with phase 40 and included as a track clear phase.

PROPOSED



EXISTING

Signal Upgrade - Temporary Design 1
(TMP Phase 1)

Prepared For:  TRANSPORTATION DEPARTMENT OF TRANSPORTATION SIGNAL DESIGN SECTION	NC 66/SR 2377 (W. Mountain St.) at NC 66 (Old Hollow Road) and SR 2649 (Hopkins Road) Division 9 Forsyth County Kernersville	SEAL  SEAL 044434 ENGINEER KEVIN P. BAUMANN																																	
750 N. Greenfield Pkwy, Garner, NC 27529																																			
SCALE  0 50 1" = 50'	PLAN DATE: August 2024 REVIEWED BY: KP Baumann PREPARED BY: CF Davis REVIEWED BY:	DocuSigned by:  7/14/2025 SOC709A86BCEB447 SIGNATURE _____ DATE _____																																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">REVISONS</th> <th style="width: 20%;">INIT.</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISONS	INIT.	DATE																															SIG. INVENTORY NO. 09-056771
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