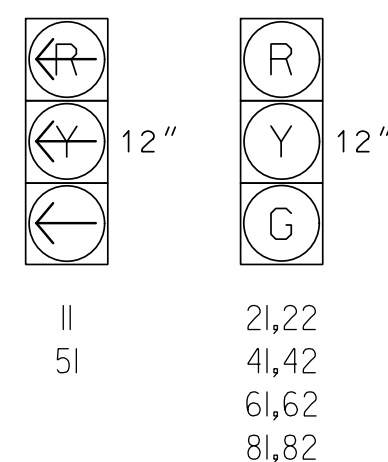


PHASING DIAGRAM DETECTION LEGEND

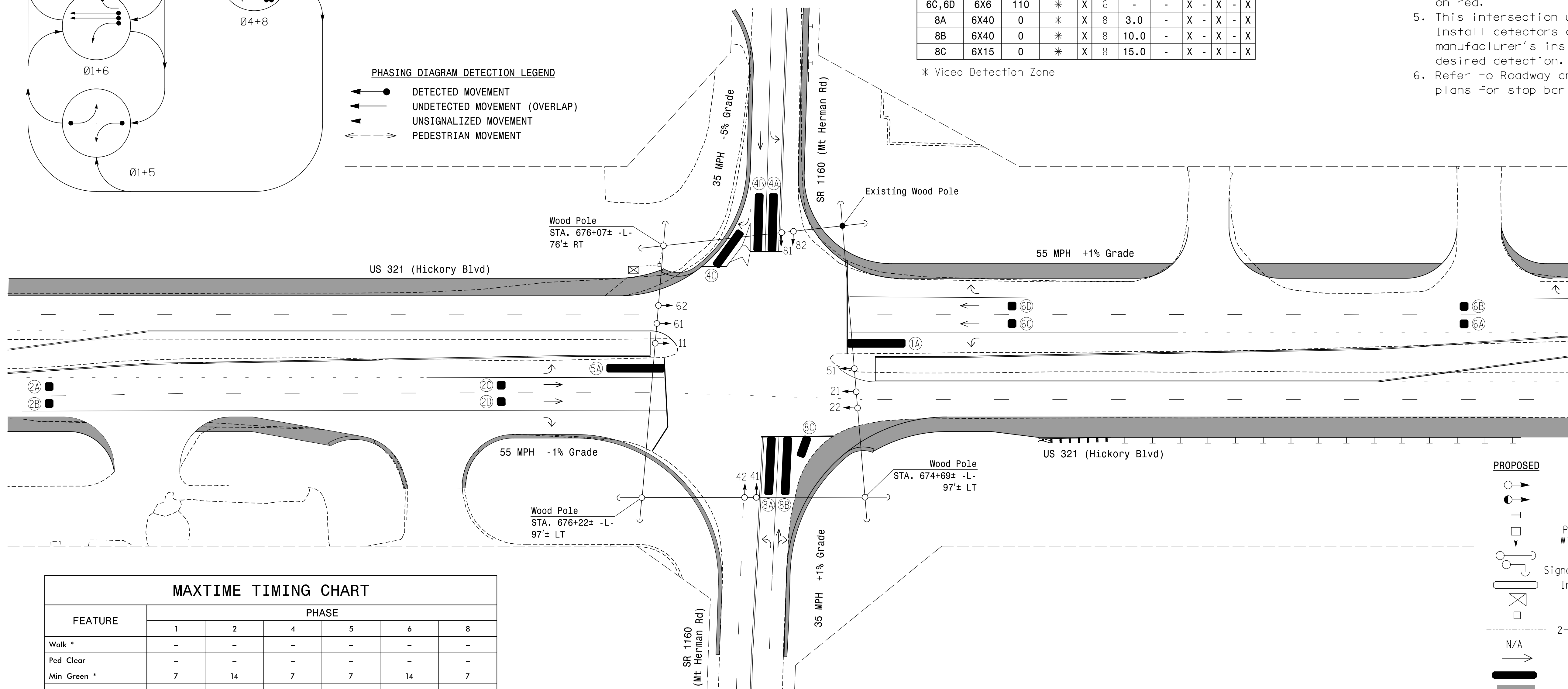
	DETECTED MOVEMENT
	UNDETECTED MOVEMENT (OVERLAP)
	UNSIGNALIZED MOVEMENT
	PEDESTRIAN MOVEMENT

All Heads L.E.D.



DETECTOR					PROGRAMMING							NEW CARD
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	
1A	6X40	0	*	X	1	-	-	X	-	X	-	X
2A,2B	6X6	420	*	X	2	-	2.2	X	-	X	-	X
2C,2D	6X6	110	*	X	2	-	-	X	-	X	-	X
4A	6X40	0	*	X	4	3.0	-	X	-	X	-	X
4B	6X40	0	*	X	4	3.0	-	X	-	X	-	X
4C	6X30	0	*	X	4	15.0	-	X	-	X	-	X
5A	6X40	0	*	X	5	-	-	X	-	X	-	X
6A,6B	6X6	420	*	X	6	-	2.2	X	-	X	-	X
6C,6D	6X6	110	*	X	6	-	-	X	-	X	-	X
8A	6X40	0	*	X	8	3.0	-	X	-	X	-	X
8B	6X40	0	*	X	8	10.0	-	X	-	X	-	X
8C	6X15	0	*	X	8	15.0	-	X	-	X	-	X

* Video Detection Zone

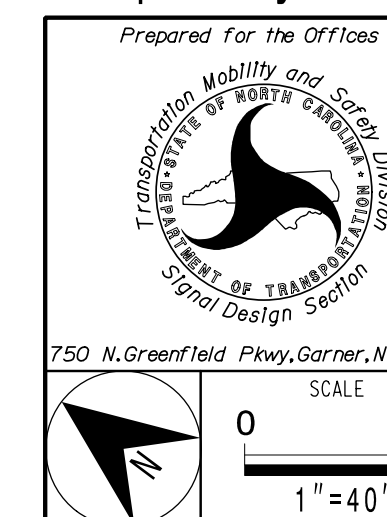


MAXTIME TIMING CHART						
FEATURE	PHASE					
	1	2	4	5	6	8
Walk *	–	–	–	–	–	–
Ped Clear	–	–	–	–	–	–
Min Green *	7	14	7	7	14	7
Passage *	2.0	2.0	2.0	2.0	2.0	2.0
Max 1 *	20	75	30	20	75	30
Yellow Change	3.0	5.3	4.2	3.0	5.1	3.8
Red Clear	3.4	1.5	2.8	3.5	1.4	2.4
Added Initial *	–	–	–	–	–	–
Maximum Initial *	–	–	–	–	–	–
Time Before Reduction *	–	–	–	–	–	–
Time To Reduce *	–	–	–	–	–	–
Minimum Gap	–	–	–	–	–	–
Advance Walk	–	–	–	–	–	–
Non Lock Detector	X	–	X	X	–	X
Vehicle Recall	–	MIN RECALL	–	–	MIN RECALL	–
Dual Entry	–	–	X	–	–	X

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

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head	
	Signal Pole with Push Button & Sign	
	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	
	Junction Box	
	2-in Underground Conduit	
	Right of Way	
	Directional Arrow	
	Video Detection Area	
	Construction Zone	N/A
	Curb Ramp	N/A
	Guardrail	

Signal Upgrade
Temporary Design 1 - TMP Phase I



US 321 (Hickory Boulevard)
at
SR 1160 (Mt Herman Road)

Division 11	Caldwell County	Hudso
PLAN DATE:	June 2024	REVIEWED BY: D.J. Darity

529	PREPARED BY: J.C. Grimm	REVIEWED BY: T.M. Moody
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	REVISIONS	INIT.	DATE

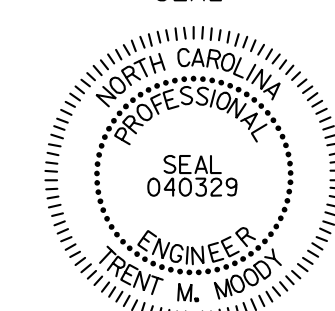
REVISIONS	INIT.	DATE
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[illegible]

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL



DocuSigned by:

Trent M...

45EATD4836704

SIG. INVENT	
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6/10/2024

45EATD4838704ED

SIG.	INVENTORY NO.	11-0810T1
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