

	PHASE								
SIGNAL FACE	Ø 1 + 6	02+6	0 4	R CLEAR	R 0%ELL	LLGOI			
11	\	╙╠	#	#	#	-Y			
21,22	R	G	R	R	G	Υ			
41	R	R	G	G	R	R			
42	R/	R	G	G	R	R			
61,62	G	G	R	R	G	Υ			
Sign D	OFF	OFF	OFF	ON	ON	*			

12"	R Y 12"	R Y G
11	21, 22	42

61,62

	DETE	ECTOR		PROGRAMMING							
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTEND TIME	DELAY TIME	TYPE	SYSTEM LOOP	NEW CARD
1 Λ	CVCO	ı E	2 4 2	-	1	Yes	-	15	S	-	Χ
1 A	6X60	+5	2-4-2	_	6	Yes	-	3	G	-	Х
1B	6X60	+5	2-4-2	_	1	Yes	-	15	S	-	Х
2A,2B	6X6	300	4	_	2	Yes	-	-	N	_	Х
4A	6X60	+5	2-4-2	_	4	Yes	-	-	S	-	Х
4B	6X60	+5	2-4-2	_	4	Yes	-	-	S	_	Х
6A,6B	6X6	300	4	-	6	Yes	_	_	N	-	Χ

LOOP	(FT)	STOPBAR (FT)	TURNS	NEW	PHASE	CALLI	TIME	TIME	TYP	SYSTEM	NEW	Fayetteville Signal System
1 Λ	CVCO	1.5	2-4-2	-	1	Yes	_	15	S	-	X	<u>NOTES</u>
1A	6X60	+2	2-4-2	-	6	Yes	-	3	G	-	Х	A Defend of Chandrad
1B	6X60	+5	2-4-2	-	1	Yes	-	15	S	-	X	1. Refer to "Roadway Standard
2A,2B	6X6	300	4	-	2	Yes	-	_	N	-	X	Drawings NCDOT" dated Januar 2012 and "Standard
4A	6X60	+5	2-4-2	-	4	Yes	_	_	S	-	X	Specifications for Roads and
4B	6X60	+5	2-4-2	-	4	Yes	_	_	S	_	X	Structures" dated January 20
										1		7 311 de la de de la de

DETECTED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

US 401 Business (Robeson Street)

30

3.0

VEH. RECALI

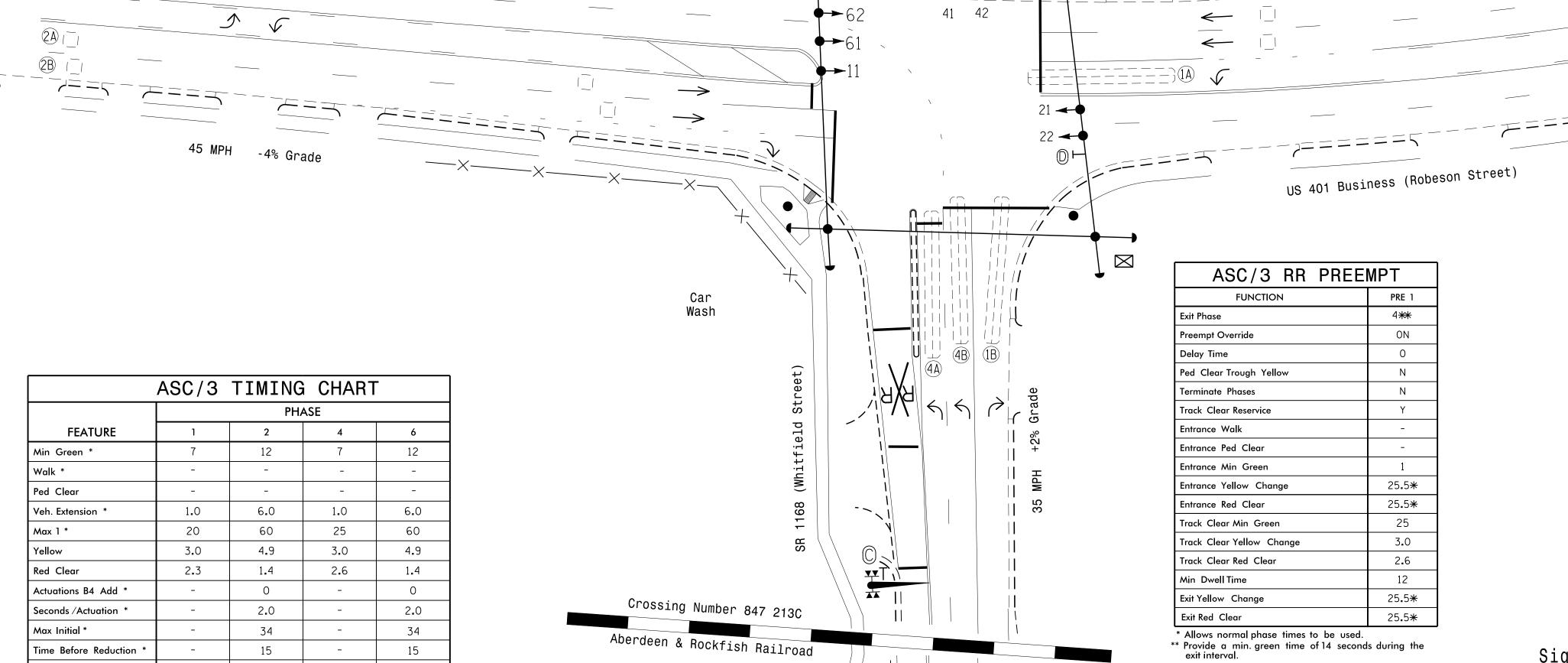
3.0

VEH. RECALL

phases 2 and 6 lower than what is shown. Min Green for all other phases should not

UNSIGNALIZED MOVEMENT

<>	PEDESTRIAN	MOVEMENT



Simultaneous Preemption

N/A Fence Directional Arrow N/A Wheelchair Ramp Railroad Tracks Railroad Gate N/A Railroad Cantilever Left Arrow "ONLY" Sign (R3-5L) Right Arrow "ONLY" Sign (R3-5R) (B) © "DO NOT STOP ON TRACKS" Sign (R8-8) "NO RIGHT TURN - TRAIN" L.E.D. Blankout Sign

railroad preemption phasing. Do not program signal for late

night flashing operation.

replacement, refer to the

Manual and submit a Plan of

Record to the Signal Design

6. Locate new cabinet so as not

7. Pavement markings are existing. 8. Ensure flashing operation does

9. Maximum times shown in timing

operation only. Coordinated signal system timing values

not alter operation of

chart are for free-run

supersede these values.

LEGEND

Traffic Signal Head

Modified Signal Head

Pedestrian Signal Head

Signal Pole with Guy

Inductive Loop Detector Controller & Cabinet

Junction Box

2-in Underground Conduit

Right of Way

EXISTING

-

N/A

——×——

blankout signs.

current ITS and Signals Design

to obstruct sight distance of vehicles turning right on red.

4. Set all detector units to

2. This location contains

3. Phase 1 may be lagged.

presence mode. 5. In the event of loop

Section.

<u>PROPOSED</u>

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O->

N/A

Signal Upgrade US 401 Business (Robeson St) SR 1168 (Whitfield St) Division 6 Cumberland County Fayetteville PLAN DATE: November 2015 REVIEWED BY: JPG, PE 750 N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY: EM Minshew REVISIONS

1"=30'

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED 029904

INIT. DATE SIG. INVENTORY NO. 06-0052

Time To Reduce *

Minimum Gap

Locking Detector

Simultaneous Gap

Recall Position