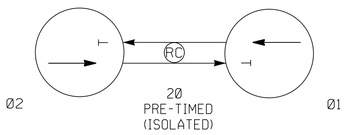
DocuSign Envelope ID: 1E1FE7EB-502E-4486-A9AD-4FA0700C578E

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.130	SIG. 1

PHASING DIAGRAM



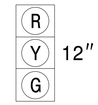
PHASING DIAGRAM DETECTION LEGEND

- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

TABLE OF OPERATION

SIGNAL FACE	Ø2 R/W	Ø2 CLEAR Ø1 1	Ø2 CLEAR Ø1 2	Ø1 R/W	Ø1 CLEAR Ø2 1	Ø1 CLEAR Ø2 2	FLASH
11	R	R	R	G	Y	R	R
21	G	Y	R	R	R	R	R

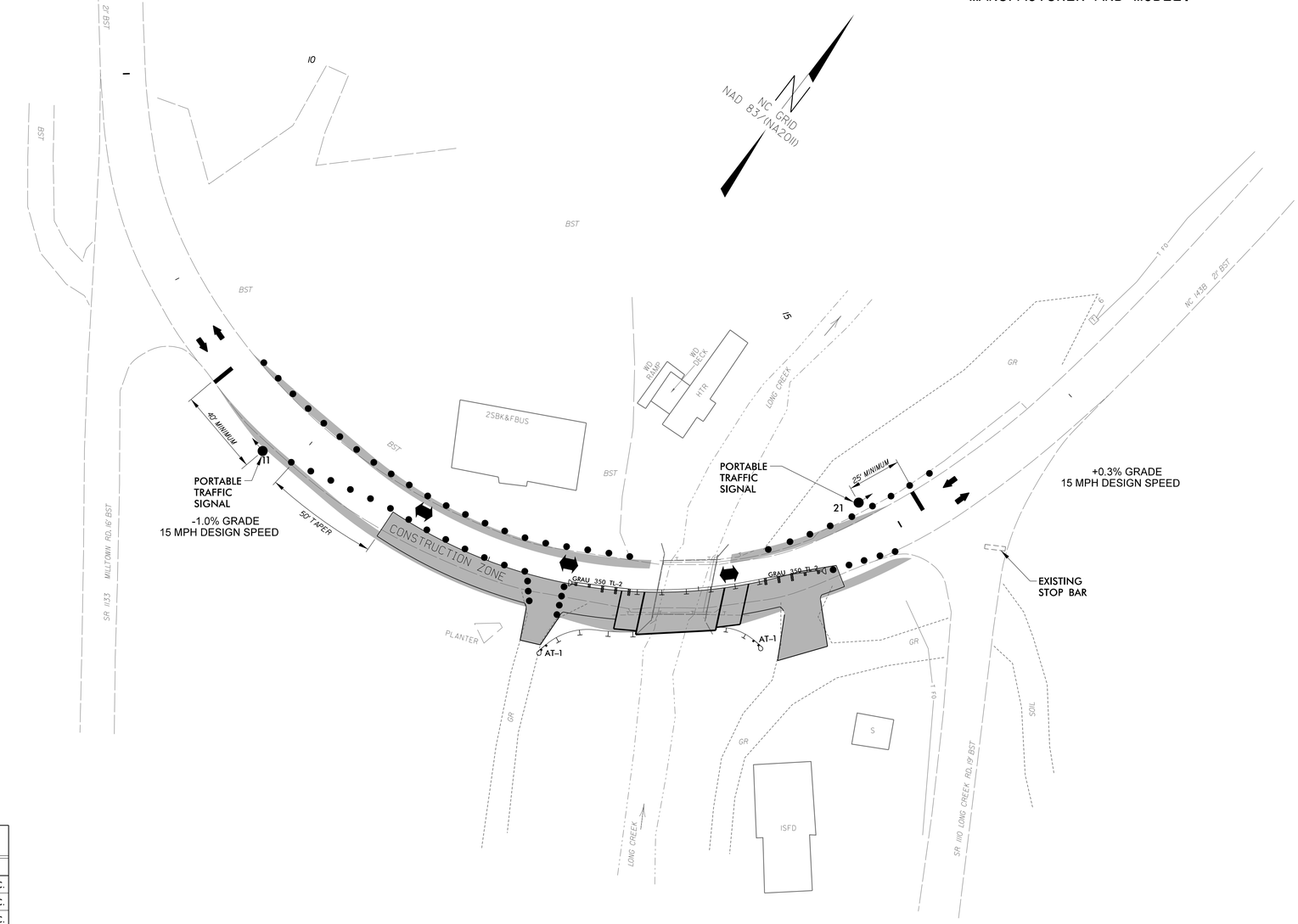
SIGNAL FACE I.D.



11
21

NOTES

1. PORTABLE TEMPORARY INSTALLATION.
2. SIGNAL HEADS SHALL BE NO CLOSER THAN 40 FEET FROM THE STOPLINE.
3. NO COUNTS AVAILABLE.
4. CONTRACTOR TO UTILIZE NCDOT PRE-APPROVED PORTABLE TRAFFIC SIGNAL MANUFACTURER AND MODEL.



TIMING CHART
NEMA CONTROLLER

PHASE	Ø1	Ø2
MINIMUM GREEN	40 SEC.	40 SEC.
PASSAGE/GAP	0 SEC.	0 SEC.
YELLOW CHANGE INT.	4.0 SEC.	4.0 SEC.
RED CLEARANCE	20 SEC.	20 SEC.
MAX. 1	40 SEC.	40 SEC.
RECALL POSITION	MAX. RECALL	MAX. RECALL
VEHI. CALL MEMORY	–	–

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Offices of:

Vaughn & Melton
Consulting Engineers
Asheville, North Carolina 828-253-2796
Charlotte, North Carolina 704-357-0498
Tri-Cities, Tennessee 423-467-940
Knoxville, Tennessee 865-546-5800
Middlesboro, Kentucky 606-248-6602
Spartanburg, South Carolina 864-574-4776

Copyright © 2006 Vaughn & Melton, inc. All Rights Reserved

SCALE 0 30

PORTABLE TRAFFIC SIGNAL PLAN
NC143B (SNOWBIRD ROAD)

DIV. 14 GRAHAM COUNTY

PLAN DATE:	5/5/14	REVIEWED BY:	LDB
PREPARED BY:	JDD	REVIEWED BY:	

REVISIONS	INIT.	DATE

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 20119 ENGINEER LLOYD D. BROWN

DocuSigned by: Lloyd DeWayne Brown 2/7/2016
320640C9E9D4A0... SIGNATURE DATE

SIG. INVENTORY NO.