DocuSign Envelope ID: ED997AEC-1384-43B7-918A-A6DBD5B83941

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.141	SIG-1

PHASING DIAGRAM

25
PRE-TIMED
(ISOLATED)

PHASING DIAGRAM DETECTION LEGEND

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

TABLE OF OPERATION

SIGNAL FACE	Ø3 R/W	Ø3 CLEAR Ø2 1	Ø3 CLEAR Ø2 2	Ø2 R/W	Ø2 CLEAR Ø1 1	Ø2 CLEAR Ø1 2	Ø1 R/W	Ø1 CLEAR Ø3 1	Ø1 CLEAR Ø3 2	FLASH
11	R	R	R	G	Y	R	R	R	R	R
21	G	Y	R	R	R	R	R	R	R	R
31	R	R	R	R	R	R	G	Y	R	R

SIGNAL FACE I.D.

11
21
31

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	Ø3
MINIMUM GREEN	40 SEC.	40 SEC.	40 SEC.
PASSAGE/GAP	0 SEC.	0 SEC.	0 SEC.
YELLOW CHANGE INT.	4.0 SEC.	4.0 SEC.	4.0 SEC.
RED CLEARANCE	25 SEC.	25 SEC.	25 SEC.
MAX. 1	65 SEC.	65 SEC.	65 SEC.
RECALL POSITION	MAX. RECALL	MAX. RECALL	MAX. RECALL
VEHI. CALL MEMORY	–	–	–

CONSTRUCTION ZONE

30 15 0 30 60
SCALE 1"=30'

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 704-357-0468
Tri-Cities, Tennessee 423-467-4448
Knoxville, Tennessee 865-966-9600
Middlesboro, Kentucky 606-248-6602
Spartanburg, South Carolina 864-574-4775
Copyright © 2006 Vaughn & Melton, Inc. All Rights Reserved

SCALE 0 30

PORTABLE TRAFFIC SIGNAL PLAN
SR 1501 HUNTING COUNTRY ROAD

DIV. 14 POLK COUNTY

PLAN DATE: 8/25/15	REVIEWED BY: LDB
PREPARED BY: ACC	REVIEWED BY:

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 20119 ENGINEER LLOYD D. BROWN

DocuSigned by: Lloyd DeWayne Brown 1/17/2016
339540E1F6E94B8... SIGNATURE DATE

SIG. INVENTORY NO.

11/17/2016
S:\Traffic\Projects\Traffic\Projects\31235-12 14AH Polk 21\Traffic\TrafficControl\TCP\BD-5114AH_SIG-1.dgn
User:cjmartell