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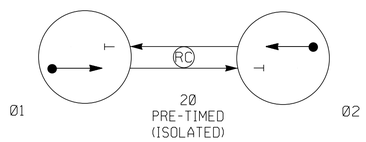
PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.142	SIG-1

PHASING DIAGRAM



NC GRID
NAD 83/NSRS 2011

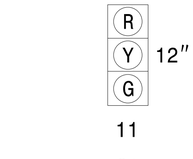
PHASING DIAGRAM DETECTION LEGEND

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

TABLE OF OPERATION

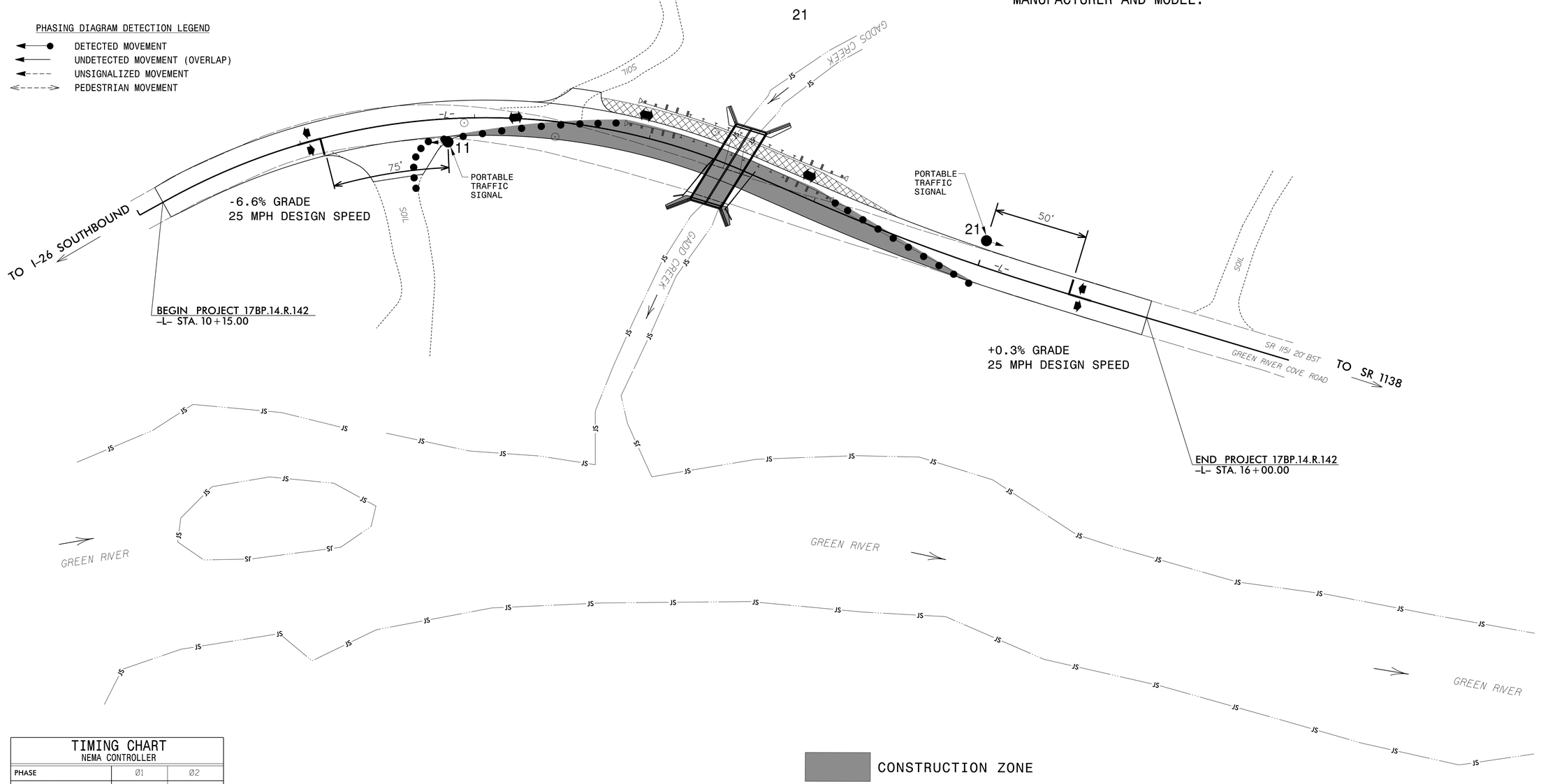
SIGNAL FACE	Ø2 R/W	Ø2 CLEAR Ø1 1	Ø2 CLEAR Ø1 2	Ø1 R/W	Ø1 CLEAR Ø2 1	Ø1 CLEAR Ø2 2	FLASH
11	R	R	R	G	Y	R	R
21	G	Y	R	R	R	R	R

SIGNAL FACE I.D.



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.



CONSTRUCTION ZONE

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	65 SEC.	65 SEC.
RECALL POSITION	MAX. RECALL	MAX. RECALL
VEHI. CALL MEMORY	–	–

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SCALE 0 30

PORTABLE TRAFFIC SIGNAL PLAN
SR 1151 GREEN RIVER COVE ROAD

DIV. 14 POLK COUNTY

PLAN DATE:	2/26/15	REVIEWED BY:	LDB
PREPARED BY:	WCC	REVIEWED BY:	

REVISIONS	INIT.	DATE

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 20119 ENGINEER LLOYD D. BROWN

DocuSigned by: Lloyd DeWayne Brown 4/7/2017
SIGNATURE DATE

SIG. INVENTORY NO.

4/7/2017
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User:ldavis