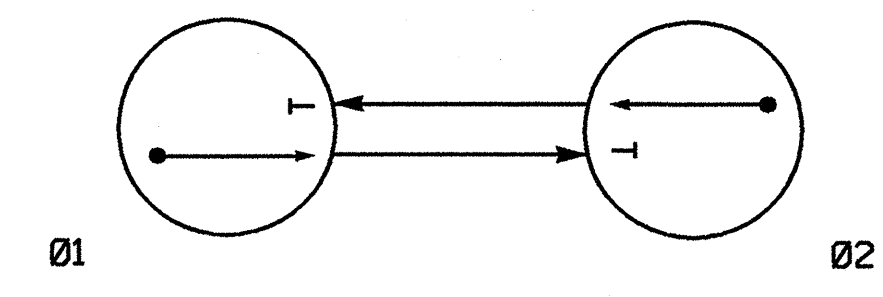


SIGNAL FACE	PHASE		
	Ø 1	Ø 2	FLASH
11, 12	G	R	R
21, 22	R	G	R

2070L LOOP & DETECTOR INSTALLATION												
INDUCTIVE LOOPS				DETECTOR PROGRAMMING								
LOOP	SIZE (FT)	TURNS	DISTANCE FROM STOPBAR (FT)	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	SYSTEM LOOP	STRETCH TIME	DELAY TIME	NEW CARD
1A	6x60	2-4-2	0	-	1	Y	Y	-	-	-	-	-
2A	6x60	2-4-2	0	-	2	Y	Y	-	-	-	-	-

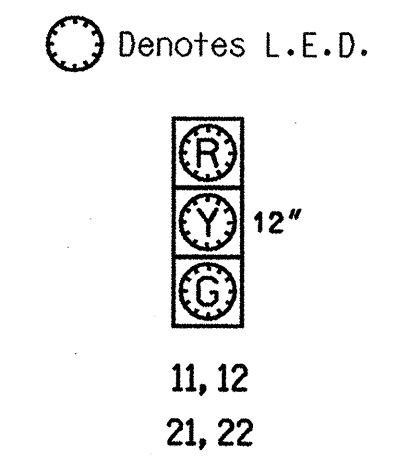
2 Phase Fully Actuated (Isolated)

PHASING DIAGRAM

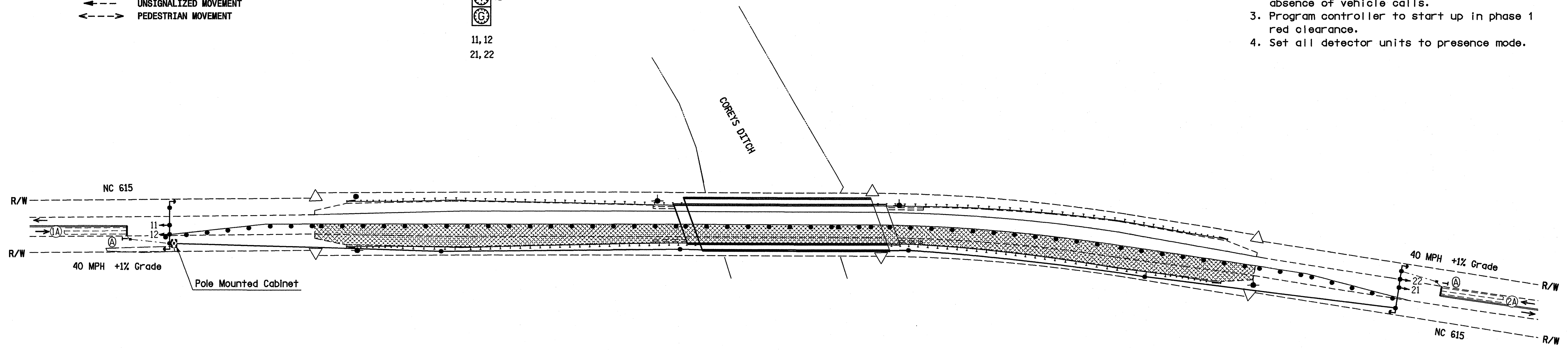


- PHASING DIAGRAM DETECTION LEGEND**
- ←●→ DETECTED MOVEMENT
 - ←○→ UNDETECTED MOVEMENT (OVERLAP)
 - ←---→ UNSIGNALIZED MOVEMENT
 - ←- - - -> PEDESTRIAN MOVEMENT

SIGNAL FACE I.D.



- NOTES**
1. Refer to "Roadway Standard Drawings NCDOT" dated January 2002 and "Standard Specifications for Roads and Structures" dated January 2002.
 2. Program controller to rest in red in the absence of vehicle calls.
 3. Program controller to start up in phase 1 red clearance.
 4. Set all detector units to presence mode.



FEATURE	PHASE	
	1	2
Min Green 1 *	12	12
Extension 1 *	2.0	2.0
Max Green 1 *	30	30
Yellow Clearance	4.0	4.0
Red Clearance	25.0	25.0
Walk 1 *	-	-
Don't Walk 1	-	-
Dynamic Max /Max.3	120	120
Dynamic Max Adjust	15.0	15.0
Seconds Per Actuation *	-	-
Max Variable Initial *	-	-
Time Before Reduction *	-	-
Time To Reduction *	-	-
Minimum Gap	-	-
Recall Mode	-	-
Vehicle Call Memory	-	-
Dual Entry	-	-
Simultaneous Gap	ON	ON

* These values may be field adjusted. Min Green for all phases should not be lower than 4 seconds.

PLAN QUANTITIES	
Pay Item	Feet
Signal Cable	0
Messenger Cable	0
Lead-in Cable	0

- LEGEND**
- | PROPOSED | EXISTING |
|---------------------------------------------------|---------------------------------------------------|
| ○→ Traffic Signal Head | ●→ Traffic Signal Head |
| ○→ Modified Signal Head | N/A |
| □→ Sign | □→ Sign |
| □→ Pedestrian Signal Head With Push Button & Sign | □→ Pedestrian Signal Head With Push Button & Sign |
| □→ Signal Pole with Guy | □→ Signal Pole with Guy |
| □→ Signal Pole with Sidewalk Guy | □→ Signal Pole with Sidewalk Guy |
| □→ Inductive Loop Detector | □→ Inductive Loop Detector |
| □→ Controller & Cabinet | □→ Controller & Cabinet |
| □→ Junction Box | □→ Junction Box |
| □→ 2-in Underground Conduit | □→ 2-in Underground Conduit |
| N/A | △→ Right of Way with Marker |
| → | → Directional Arrow |
| → | → Pavement Marking Arrow |
| N/A | — — Guardrail |
| ▨ | ▨ Construction Zone |
| ○ | ○ Construction Zone Drums |
| Ⓐ | Ⓐ "Stop Here On Red" Sign (R10-6) |

Temporary Design 3 Construction Phase III

Bridge Number 7 on NC 615 Over Corey's Ditch

Division 1 Currituck County McKay Island

PLAN DATE: January 2009 REVIEWED BY: R. J. Ziemba

PREPARED BY: C. E. Carter REVIEWED BY:

722 N. McDowell St., Raleigh, NC 27603

SCALE 1"=50'

SEAL NORTH CAROLINA PROFESSIONAL ENGINEER 24393 MORTHY J. WILLIAMS

SIGNATURE DATE 1/21/09

SIG. INVENTORY NO. 01-0721T3

16-JAN-2003 17:30 W:\P200\885-UN\Hw\Kyr\pds\TIP Projects\885-3445\010721_2003\xxxx.slg rzl emb