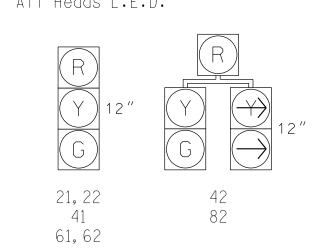


All Heads L.E.D.

1 (F)

45 Mph -1% Grade



PHASING DIAGRAM DETECTION LEGEND

S1)2A (

\$22B ()

PHASING DIAGRAM

DETECTED MOVEMENT

Ø2+6

02+5

Ø1+6

- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT

 $<\!\!--\!\!>$ PEDESTRIAN MOVEMENT

01+5

US 17 (US 17 South) \triangle

Ø4+8

ASC/3 TIMING CHART PHASE **FEATURE** Min Green 12 Walk * 0 Ped Clear 0 2.0 6.0 2.0 1.0 Veh. Extension 2.0 6.0 90 25 25 15 90 3.0 4.6 3.8 3.0 3.2 Yellow 4.6 2.4 1.8 Red Clear 1.0 1.8 1.9 Actuations B4 Add 2.0 2.0 Seconds /Actuation 34 Max Initial * -15 Time Before Reduction Time To Reduce 3.0 3.0 Minimum Gap -Locking Detector Χ VEH. RECALL **Recall Position** VEH. RECALL **Dual Entry**

Plans Prepared By:

ASC/3 DETECTOR INSTALLATION CHART

1 Yes

2 Yes

2 Yes

4 Yes

5 Yes

2 Yes

5 Yes

6 Yes

6 Yes

8 Yes

PROGRAMMING

15

15

X N

X N

X N

45 Mph 0% Grade

US 17 (US 17 South)

EXTEND

DETECTOR

SIZE FROM

2A/S1 6x6 300 EXIST

2B/S2 6×6 300 EXIST

6×40

6×40

ex.stopbar

21 🕶

5 A

DISTANCE

STOPBAR

0

6×60 +5 2-4-2

6×40 +5 2-4-2 X

6×40 0 2-4-2

6x6 290 EXIST

6x6 | 290 | EXIST |

6×60 +5 2-4-2 -

0 2-4-2

2-4-2

Signal Upgrade

US 17 (US 17 South) SR 1306 (Forest Park Road)/ Central Elementary School Ent.

N/A

N/A

Division 1 Pasquotank County Elizabeth City PLAN DATE: February 2018 REVIEWED BY: AJ Davis V.Greenfield Pkwy,Garner,NC 27529 PREPARED BY: DJ White REVIEWED BY: LM Moon INIT. DATE

PROPOSED

on red

Traffic Signal Head Modified Signal Head

Pedestrian Signal Head With Push Button & Sign Signal Pole with Guy

Signal Pole with Sidewalk Guy Inductive Loop Detector Controller & Cabinet

Junction Box 2-in Underground Conduit

Directional Arrow Fire Hydrant

Lisa M. Moon 8/22/2018

022516

SIG. INVENTORY NO. 0|-0092