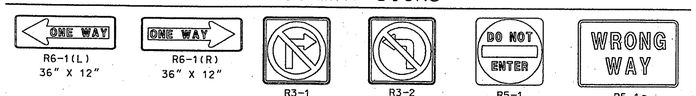
| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|
| GA. | STP-0005-00(893) | 20 | 92 |

## OVERHEAD STREET NAME SIGNS

Henry St — D-SPEC #1

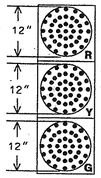
Abercorn St — D-SPEC #7

## HIGHWAY SIGNS



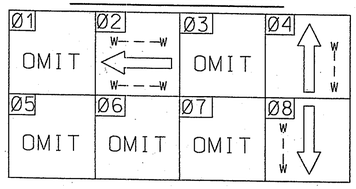

R6-1(L) 36" X 12" | R6-1(R) 36" X 12" | R3-1 24" X 24" | R3-2 24" X 24" | R5-1 30" X 30" | R5-1a 36" X 24"

## SIGNAL HEAD DISPLAY (LED)

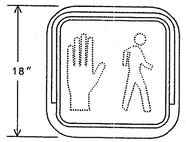



2, 4, 8

## PHASING DIAGRAM

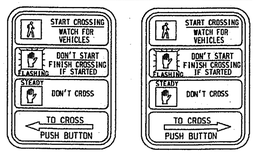



## PEDESTRIAN SIGNAL HEAD DISPLAY (LED)

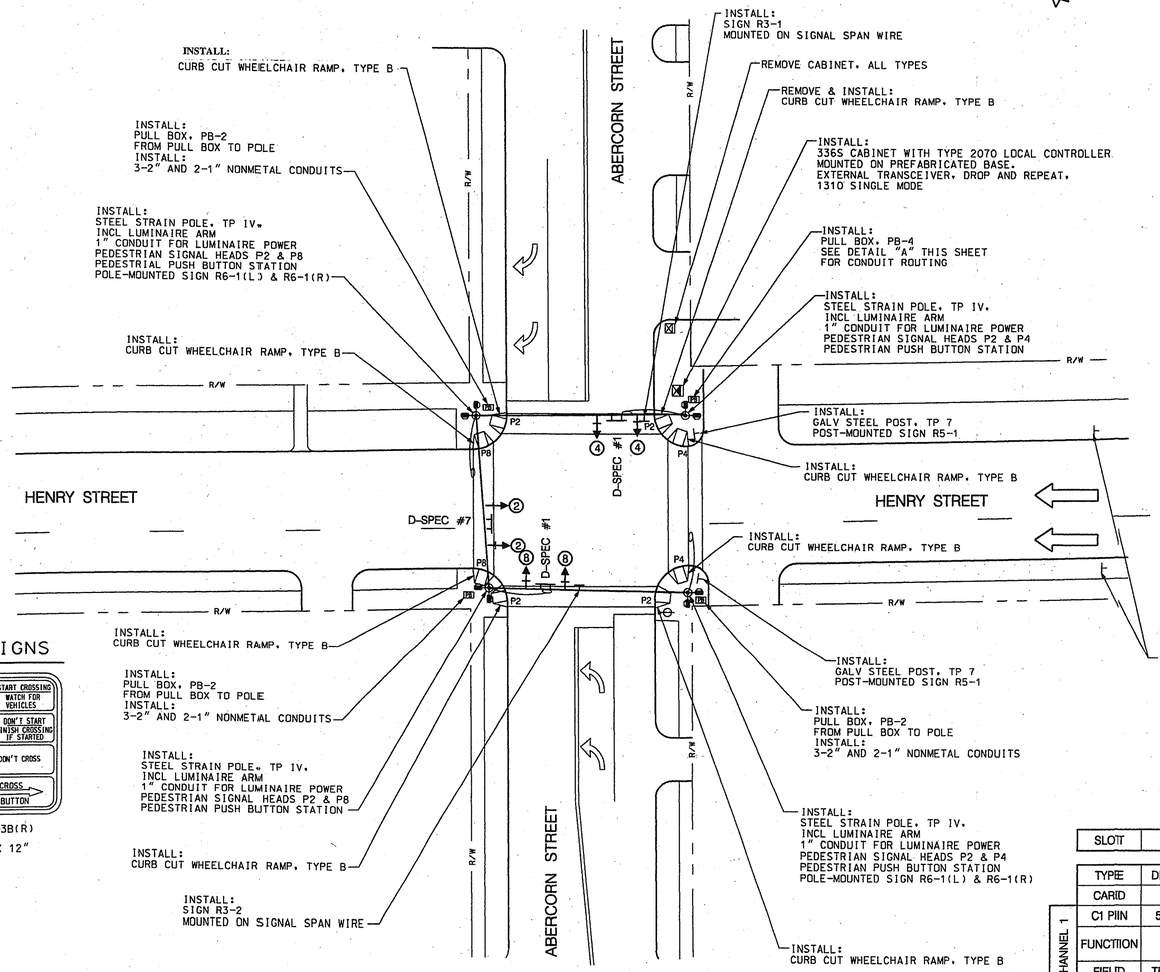



P2, P4, P8

## PEDESTRIAN SIGNS




R10-3B(L) 9" X 12" | R10-3B(R) 9" X 12"

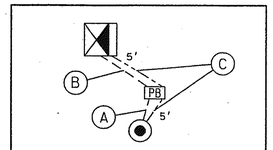



NOTE:

1. THE PROPOSED LOCATIONS FOR HIGHWAY SIGN R5-1A SHOWN ON THIS SHEET ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE HIGHWAY SIGN R5-1 100 FT +/- IN ADVANCE OF THE STOP BAR AS PERMITTED BY ACTUAL PHYSICAL FIELD CONDITIONS.

## LIST OF MATERIALS

| MATERIAL | UNIT | QUANT. |
|---|---|---|
| TYPE 2070 CONTROLLER ASSEMBLY | | |
| A. CONTROLLER UNIT, MODEL 2070 L | EA | 1 |
| B. CABINET ASSEMBLY, MODEL 336 | EA | 1 |
| C. SWITCH PACK | EA | 3 |
| D. DC ISOLATOR | EA | 3 |
| E. LOOP DETECTOR | EA | 0 |
| F. CONFLICT MONITOR 2010, EXTENDED FEATURES | EA | 1 |
| SIGNAL CABLE, 14 AWG<br>B. 7-CONDUCTOR, PER 1000 FT | REEL | 2 |
| ONE-WAY, 3-SECTION, 12" SIGNAL HEAD, ALUMINUM LED, TYPE 1 | EA | 6 |
| 18" PEDESTRIAN LED SIGNAL HEAD, SIDE BY SIDE | EA | 8 |
| PEDESTRIAN PUSH BUTTON AND SIGN | EA | 8 |
| HARDWARE FOR BRACKET ERECTION ON STEEL, CONCRETE OR WOOD POLES FOR 18" PEDESTRIAN SIGNAL HEADS, ONE-WAY MOUNTING | EA | 4 |
| BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD, ALUMINUM LED, TYPE 1 | EA | 6 |
| PULL BOX, PB-2 | EA | 3 |
| NONMETAL CONDUIT, 1" | LF | 50 |
| NONMETAL CONDUIT, 2" | LF | 95 |
| REMOVE CABINET, ALL TYPES | EA | 1 |
| MISC. MATERIALS TO COMPLETE INSTALLATION - STP-0005-00(893) | LS | LUMP |




NOTE:
SEE CHART BELOW

| | |
|---|---|
| A | INSTALL:<br>1-2" NONMETAL CONDUIT (SIGNAL CABLES)<br>1-1" NONMETAL CONDUIT (GROUND)<br>1-1" & 2-2" NONMETAL CONDUITS (SPARES) |
| B | INSTALL:<br>1-2" NONMETAL CONDUIT (SIGNAL CABLES)<br>2-2" & 2-1" NONMETAL CONDUITS (SPARES) |
| C | SEE COMM. PLAN SHEET 2 OF 7<br>FOR CONDUIT AND F/O ROUTING |

## DETAIL "A" (NORTHEAST CORNER)

NTS

## 336 CABINET INPUT ASSIGNMENT

| | SLOT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TYPE | DET | DET | DET | DET | DET | DET | DET | DET | DET | TBA | TBA | DC | DC | DC |
| | CARD | | | | | | | | | | | | | | |
| CHANNEL 1 | C1 PIN | 56 | 39 | 58 | 41 | 55 | 40 | 57 | 42 | 51 | 71 | 72 | 67 | 68 | 81 |
| | FUNCTION | | | | | | | | | | | | ϕ2 PED | | FLASH SENSE |
| | FIELD TERM | TB7 1, 2 | TB7 5, 6 | TB7 9, 10 | TB8 1, 2 | TB8 5, 6 | TB8 9, 10 | TB9 1, 2 | TB9 5, 6 | TB5 1, 2 | TB5 5, 6 | TB5 9, 10 | TB4 1, 2 | TB4 5, 6 | N/C |
| CHANNEL 2 | C1 PIN | 47 | 43 | 49 | 45 | 48 | 44 | 50 | 46 | 52 | 73 | 74 | 69 | 70 | 82 |
| | FUNCTION | | | | | | | | | | | | ϕ4 PED | ϕ8 PED | STOP TIME |
| | FIELD TERM | TB7 3, 4 | TB7 7, 8 | TB7 11, 12 | TB8 3, 4 | TB8 7, 8 | TB8 11, 12 | TB9 3, 4 | TB9 7, 8 | TB5 3, 4 | TB5 7, 8 | TB5 11, 12 | TB4 3, 4 | TB4 7, 8 | N/C |

## PAY ITEMS

| ITEM NO | MATERIAL | UNIT | QUANT. |
|---|---|---|---|
| 441-0104 | CONCRETE SIDEWALK, 4 IN | SY | 72 |
| 610-6872 | REM STEEL STRAIN POLE | EA | 4 |
| 639-3014 | STEEL STRAIN POLE, TYPE IV, INCL LUMINAIRE ARM | EA | 4 |
| 647-2140 | PULL BOX, PB-4 | EA | 1 |
| 647-1000 | TRAFFIC SIGNAL INSTALLATION NO. 6 - STP-0005-00(893) | LS | LUMP |
| 935-6562 | EXTERNAL TRANSCEIVER, DROP AND REPEAT, 1310 SINGLE MODE | EA | 1 |

| REVISIONS | | | | | |
|---|---|---|---|---|---|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
| | | | | | |

TRANSCORE®

0 10' 20' 40' 60'
SCALE: 1" = 20'

| | NAME | DATE | | NAME | DATE |
|---|---|---|---|---|---|
| DESIGNED BY | EKN | 01/03 | FIRST DRAWN | NDH | 01/03 |
| CHECKED BY | ENW | 10/03 | LAST DRAWN | RDG | 10/03 |

SUPERVISED BY: ARTHUR E. HAYNES

GEORGIA
DEPARTMENT OF TRANSPORTATION

SUBMITTED BY: ENW DATE: 10/03

# CONSTRUCTION / INSTALLATION PLAN
## HENRY STREET & ABERCORN STREET
## INTERSECTION NO. 6

ACCOUNT NO.

DRAWING NO.

...\final\proposed\inter no 06.dgn Mar. 10, 2004 17:01:09