US 50 is considered to run in an East/West direction.

N

EXISTING SIGNALS

1,3 — R, Y, G (12")

2,4,5,6,7,8,9,10 — R, Y, G (12")

EXISTING SIGNS

13,15 — LEFT TURN YIELD ON GREEN — R 10-12, 36" x 42"

17a,17b — Ocean Gateway — D-3(1), 16" x Var., Dual-faced

SIGNS

18 — ONLY — R 3-5(R), 30" x 36"

19,20 — (To Be Installed With Pushbutton) and to read (PUSH TO CROSS US 50)

SIGNAL

11,12 — 16"

14a,14b,16a,16b — Inlet Isle — D-3(1), 16" x Var., Dual-faced

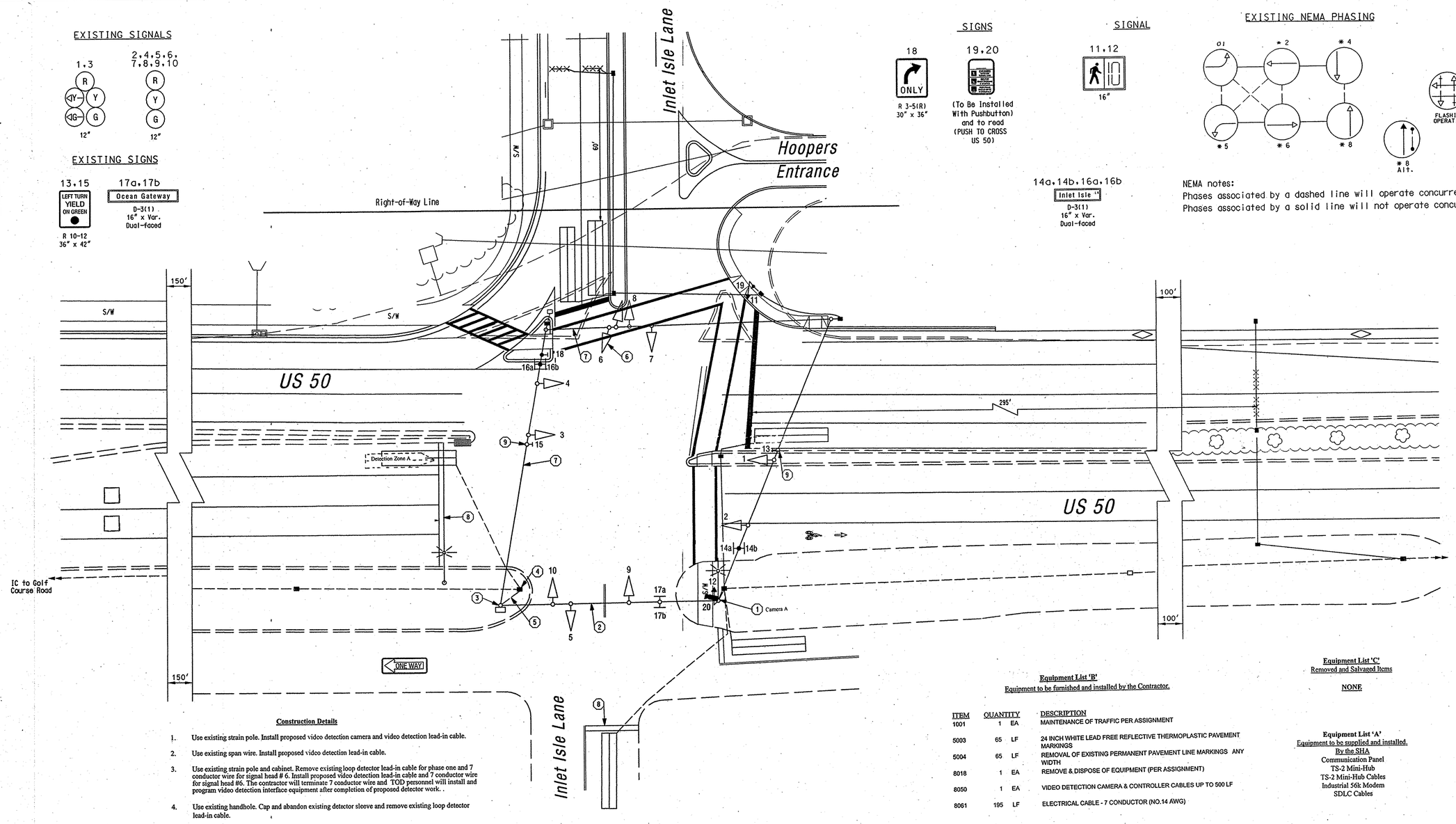
EXISTING NEMA PHASING

01, *2, *4, *5, *6, *8

FLASHING OPERATION

*8 Alt.

NEMA notes:
Phases associated by a dashed line will operate concurrently.
Phases associated by a solid line will not operate concurrently.




**Construction Details**

1. Use existing strain pole. Install proposed video detection camera and video detection lead-in cable.
2. Use existing span wire. Install proposed video detection lead-in cable.
3. Use existing strain pole and cabinet. Remove existing loop detector lead-in cable for phase one and 7 conductor wire for signal head # 6. Install proposed video detection lead-in cable and 7 conductor wire for signal head #6. The contractor will terminate 7 conductor wire and TOD personnel will install and program video detection interface equipment after completion of proposed detector work. .
4. Use existing handhole. Cap and abandon existing detector sleeve and remove existing loop detector lead-in cable.
5. Use existing conduit. Remove existing loop detector lead-in cable.
6. Use existing signal head. Remove existing 7 conductor wire and install proposed 7 conductor. Re-wire signal head.
7. Use existing span wire. Remove existing 7 conductor wire and install proposed 7 conductor wire.
8. Remove existing stopline and replace in accordance to SHA Standards.
9. Remove and dispose of existing R10-12 signs.

**Equipment List 'B'**
Equipment to be furnished and installed by the Contractor.

| ITEM | QUANTITY | | DESCRIPTION |
|---|---|---|---|
| 1001 | 1 | EA | MAINTENANCE OF TRAFFIC PER ASSIGNMENT |
| 5003 | 65 | LF | 24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS |
| 5004 | 65 | LF | REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH |
| 8018 | 1 | EA | REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT) |
| 8050 | 1 | EA | VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF |
| 8061 | 195 | LF | ELECTRICAL CABLE - 7 CONDUCTOR (NO.14 AWG) |

**Equipment List 'C'**
Removed and Salvaged Items

NONE

**Equipment List 'A'**
Equipment to be supplied and installed.
By the SHA
Communication Panel
TS-2 Mini-Hub
TS-2 Mini-Hub Cables
Industrial 56k Modem
SDLC Cables

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

| | |
|---|---|
| G | GAS MAIN |
| W | WATER MAIN |
| S | SEWER MAIN |
| E | ELECTRIC CABLES |
| D | STORM DRAIN |
| A | AERIAL CABLES |
| T | TELEPHONE CABLES |

**TRAFFIC SIGNAL SYMBOLS**

| PROPOSED | | EXISTING |
|---|---|---|
| | HANDHOLE | |
| | LOOP DETECTOR(6X30) | |
| | LOOP DETECTOR(6X6) | |
| | CONDUIT | |
| | MICRO LOOP PROBE SET | |
| | ZOOM LENS IMAGE SENSOR | |

REVISIONS

D — Installation of Video Detection, OT 2007, 01/2007 — H.M.W. Jr. P.E.

C — New geometrics, cut new loops, add pedestrian signal heads & buttons, 3/21/05 — S.H.A. No. 1BN935N82 — jld

B — Replace strain pole in se & sw quadrant, 1/99

A — Install street detectors on side street approachs, 5/15/89 — DED

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

*US 50 at Inlet Isle Lane*

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: | G. Simmers | F.A.P. NO. | N/A | TS NO. 2424D | SHEET NO. |
| CHECKED BY: | S. Renzi | S.H.A. NO. | AW517A5L | | |
| SCALE: | 1" = 20' | COUNTY: | Worcester | T.I.M.S. NO. I-337 | 1 OF 2 |
| DATE: | Mar. 7, 1988 | LOG MILE: | 23005013.57 | | |

signal plan.dgn Monday, September 25, 2006