US 301 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

SIGNS

18,20,21,26 — R3-5(L) 30"X36" (ONLY)
20,23,24 — R3-5(R) 30"X36" (ONLY)
29,30,34,35,41 — R3-7(R) 30"X30" (RIGHT LANE MUST TURN RIGHT)
25 — R3-6 30"X36"
37,42 — R4-7 24"X30"
28 — Heritage Blvd / Ball Park Rd / Next Signal
40 — JCT MARYLAND 197 — ASSOCIATED SHIELD ASSEMBLED
38 — W11-1(3) 30"X30" M7-4(R) 21"X15"
36 — W11-1(3) 30"X30" M7-4(L) 21"X15"

12' SIGNALS

1,2,5-7 — R Y G
3,4,8,9 11,13 — R Y
10,12 — R Y G G
14-17

18 — FRONT: Stadium; BACK: Heritage Blvd — D-3(1) VARIABLEX16"
19 — FRONT: Heritage Blvd; BACK: Stadium — D-3(1) VARIABLEX16"
31 — Belair Dr / Univ. of MD Science & Tech Ctr / Exit ¾ Mile
27,33 — LEFT LANE MUST TURN LEFT AT SECOND SIGNAL
32,39 — DO NOT ENTER — R5-1 30"X30"

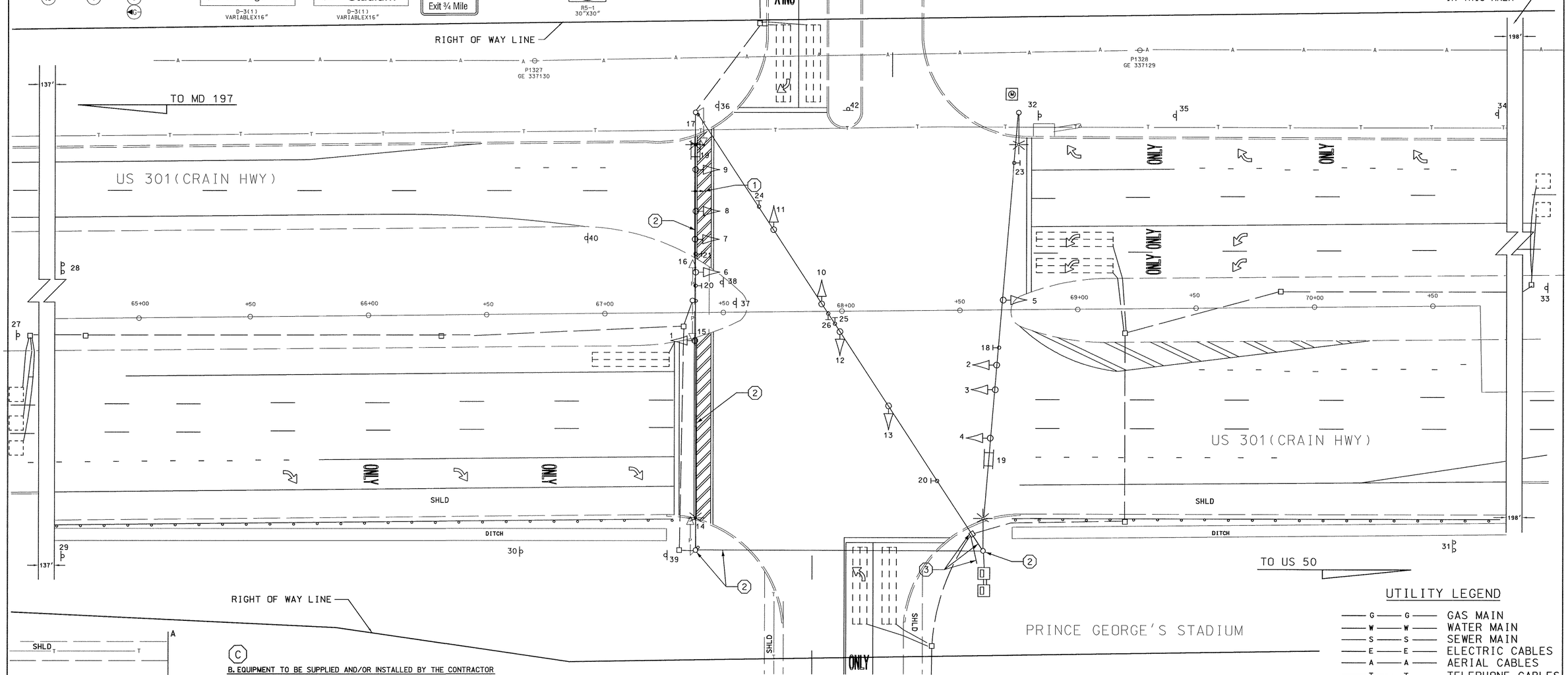
OPTICOM DETECTOR EYE

Ø 1 Ø 2 Ø 3 Ø 4 Ø 5 Ø 6 Ø 3 ALT

FLASHING OPERATION

PREEMPTION I

NEMA NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

(C)

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
8012	1 EACH	F&I 3M OPTICOM #721 DETECTOR EYE
8013	1 EACH	F&I 3M OPTICOM #760 CARD RACK
8014	1 EACH	F&I 3M OPTICOM #762 DISCRIMINATOR MODULE
8037	350 L.F.	F&I 4 - CONDUCTOR OPTICOM DETECTOR CABLE

CONSTRUCTION DETAILS

1. INSTALL OPTICOM DETECTOR EYE ON EXISTING SPAN WIRE.
2. USE EXISTING SPAN WIRE AND STEEL POLE
3. USE EXISTING HANDHOLE AND CONDUIT.

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

REVISIONS

(C)	INSTALL OPTICOM DETECTOR EYE SB US 301	2/00	
CEI			TM

APPROVALS
ORIGINAL
ASST. TRAFFIC ENGINEERING DESIGN DIVISION
ON
ASST. DISTRICT ENGINEER, TRAFFIC
FILE
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 301 and PRINCE GEORGE'S STADIUM/ HERITAGE BLVD

RE-DRAWN BY: SPP	F.A.P. NO. AC-STPG-000S(683)E	TS NO. 3370 (C)	SHEET NO.
CHECKED BY: TMH / C.J.	S.H.A. NO. XX1005185		
SCALE: 1"= 20'	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. D565	14 OF 24
DATE: 2/21/00	LOG MILE: 16030123.55		

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21 MAR 2000