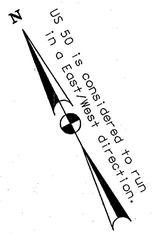


EXISTING SIGNS

17,19	15,16	18
Ocean Gateway	Keyser Point Rd.	
D-3(1) 16" x Var.	D-3(1) 16" x Var.	R 3-6(L) 30" x 36"

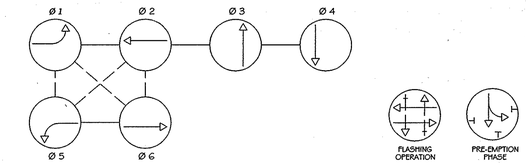
CONSTRUCTION DETAILS

A. Use existing handhole ands raise frame and cover to final grade.. Pull back existing 2 - conductor aluminum shielded cable and splice to new loop detector.
B. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
C. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
D. Install 24 in. wide pavement marking - white for stop line.
E. Remove existing handhole.
F. Cap and abandon existing conduit.
G. Abandon existing loop detector.

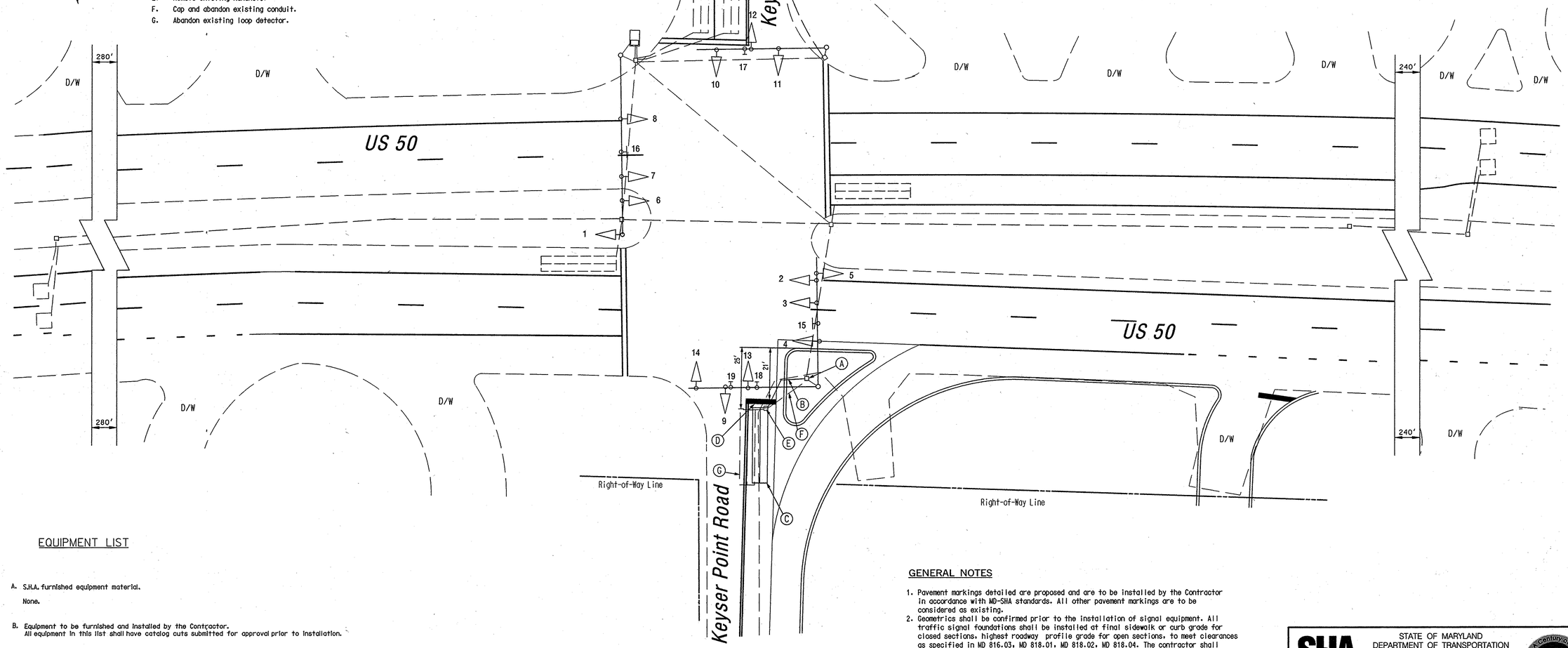
EXISTING SIGNALS

1,2,5,6	3,4,7,8,11,14	9,12	10,13
R	R	R	R
Y	Y	Y	Y
G	G	G	G
12"	12"	12"/8"	12"

EXISTING NEMA PHASING



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



EQUIPMENT LIST

A. S.H.A. furnished equipment material.

None.

B. Equipment to be furnished and installed by the Contractor.
All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	MD-SHA Specification Section	Description
Lump Sum	LS	108	Mobilization
Lump Sum	LS	104	Maintenance of traffic
115	LF	815	Sawcut for signal loop detector.
420	LF	810	Loop detector wire (No. 14 A.W.G.) encased in flexible tubing.
10	LF	805	1 in. liquid tight flexible non-metallic conduit for loop detector sleeve.
1	EA	810	Loop detector splice.
15	EA	549	24 in. wide HAPPTPM - white for stop line.
1	EA	---	Adjust handhole frame and cover to final grade.

GENERAL NOTES

1. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings are to be considered as existing.
2. Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
3.. All unused cable shall be removed.

The Traffic Group, Inc.
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"Merging Innovation and Excellence"®

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
(B) Geometric changes, replace loop NB Keyser Point Road
S.H.A. No.: BW996M82 Feb. 8, 2008
FJH
A Add SS Split, and add exclusive left turn phase on US 50 3-16-04
RRZ

PLOTTED: Friday, February 08, 2008 AT 08:14 AM
FILE: F:\2007\2007-0814\DES\TEDD\TS-U 50- Keyser Point V8.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

RITE AID WEST OCEAN CITY
US 50 (OCEAN GATEWAY) AT KEYSER POINT ROAD

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' SUBMITTAL DATE Nov. 18, 2007 CONTRACT NO. WO-665-459-185

DESIGNED BY B k Miller
DRAWN BY R R Zacherl
CHECKED BY Bruce Thompson 2/08
F.A.P. NO. N/A
COUNTY Worcester County
LOGMILE 2300X5012.58
TIMS NO. I-856
TOD NO.
TS NO. 2560B DRAWING - OF SHEET NO. 1 OF 1