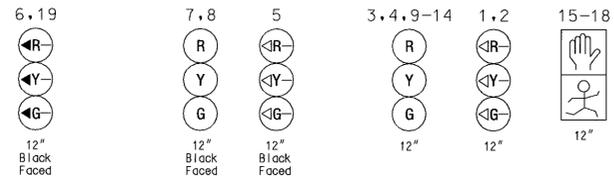
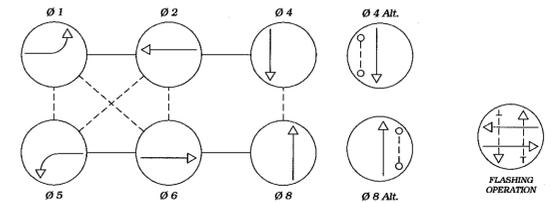


Entrance to University of MD Golf Course

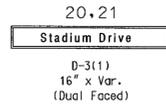
PROPOSED SIGNAL REPLACE SIGNALS EXISTING SIGNALS



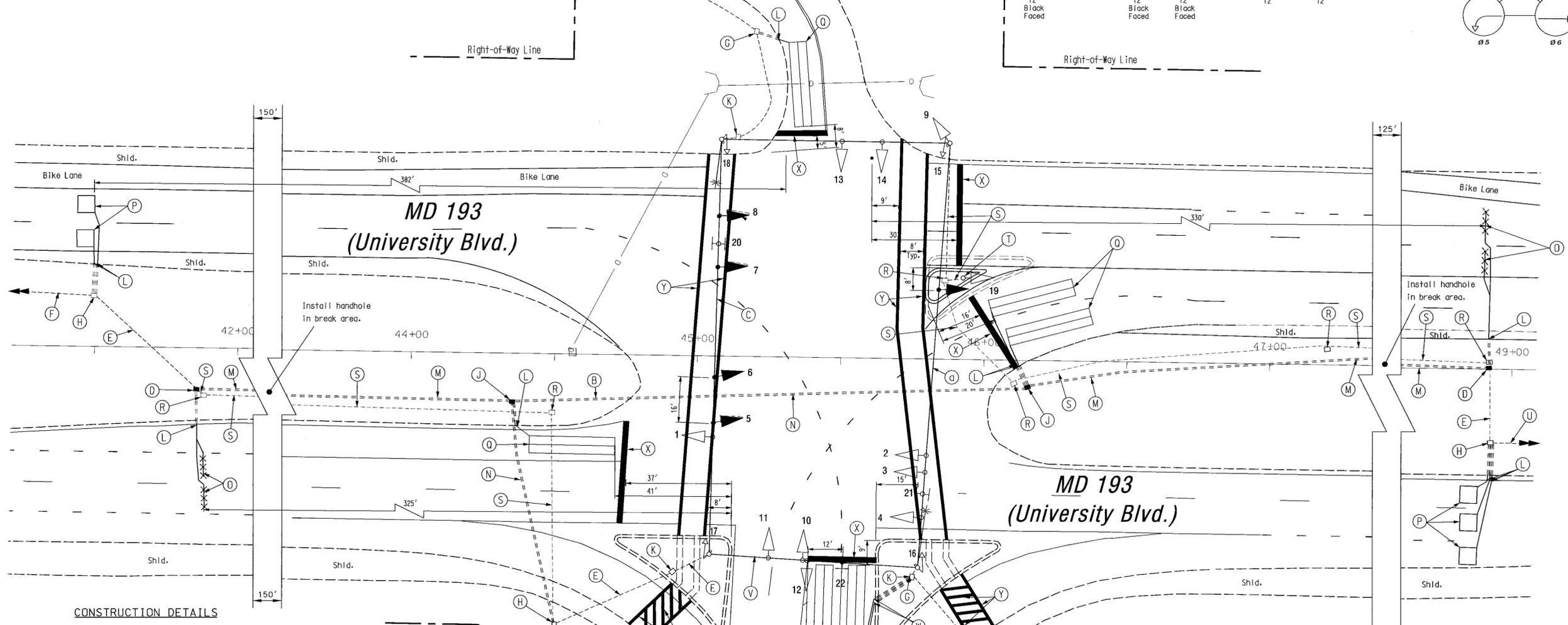
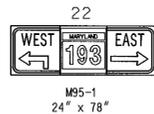
EXISTING NEMA PHASING



EXISTING SIGNS



PROPOSED SIGN



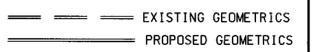
CONSTRUCTION DETAILS

- A. Use existing base mounted cabinet/controller, and attached equipment. Replace 2-channel loop detector amplifiers with 4-channel rack mounted detector amplifiers.
- B. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- C. Use existing span wire. Install black faced vehicle signal head as shown. Replace existing WB vehicle signal heads with black faced vehicle signal heads. Adjust traffic signal heads to reflect new pavement markings as directed by the Engineer.
- D. Install handhole on existing conduit run.
- E. Use existing conduit.
- F. Existing Interconnect cable to be pulled back as shown on Interconnect Plan.
- G. Use existing handhole. Splice existing 2-conductor aluminum shielded cable to new loop detector.
- H. Use existing handhole.
- J. Install handhole.
- K. Install new frame and cover on existing handhole.
- L. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
- M. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- N. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- D. Install micro-loop probe (set of 3).
- P. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).
- Q. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
- R. Remove existing handhole.
- S. Cap and abandon existing conduit.
- T. Remove existing traffic signal pole. Remove existing foundation 12 in. below grade.
- U. New interconnect cable to be installed as part MD 193 and Metzert Drive/Paint Branch Road Traffic Signal Plan.
- V. Use existing span wire. Install sign as shown.
- W. Install 1 in. galvanized steel conduit for loop detector lead-in - trenched in island before installation of brick pavers.
- X. Install 24 in. wide white pavement marking for stop line.
- Y. Install 12 in. wide white pavement marking for crosswalk.
- a. Use existing span wire. Install black faced vehicle signal head as shown.

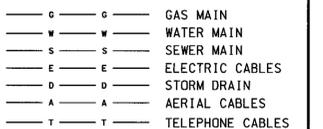
NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Loop detectors and conduits shall be installed prior to final paving and the installation of pavement markings.
3. Pavement markings detailed shown will either be installed as part of the highway project or are to be considered as existing.
4. Revision 'A' is a revision to the traffic signal built in September, 1973 under S.H.A. Contract No.: P-337-001-385.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.
6. Abandon all unused loop detectors.

GEOMETRIC LEGEND



UTILITY LEGEND



Revision "A"



The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

REVISIONS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY



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

MD 193 (University Blvd.) at Stadium Drive

DRAWN BY: Steve Renzi	F.A.P. NO. M-5018 (2)	TS NO. 1010A	SHEET NO. 3 OF 7
CHECKED BY: W.R.	S.H.A. NO. P-337-001-385	T.I.M.S. NO. E-758	
SCALE: 1" = 20'	COUNTY: Prince George's		
DATE: September 20, 1973	LOG MILE:		

August 23, 2001
Cut new loops & upgrade handholes & conduits
S.H.A. No. EB996M82
F.H. [Signature]

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