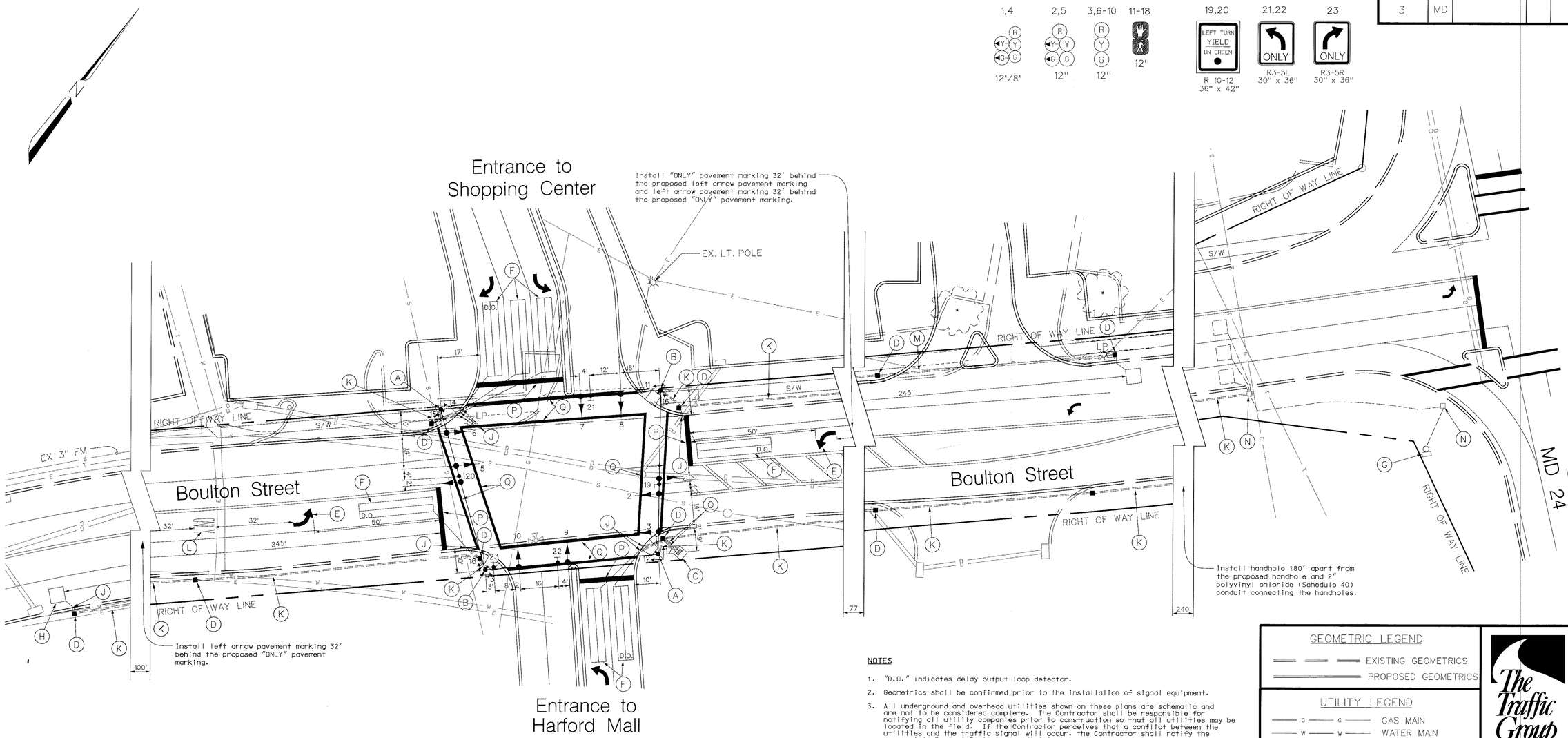
FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

SIGNALS

SIGNS



CONSTRUCTION DETAILS

A. Install 30' strain pole, signs, and signal heads as shown. (Note: one-2", 90-degree polyvinyl chloride bend).

B. Install 30' strain pole, signs and signal heads as shown. (Note: one-2", 90-degree polyvinyl chloride bend).

C. Install cabinet, controller and all necessary equipment. (Note: two-4", 90-degree polyvinyl chloride bend). Electrical Service to be performed by B. G. & E.

D. Install handhole.

E. Install preformed pavement marking tape - curved arrow (left).

F. Install 6' x 30' quadrupole type vehicle loop detector (2-4-2 turns).

G. Use existing controller and cabinet.

H. Install 6' x 6' vehicle loop detector (3 turns).

J. Install 1" flexible non-metallic electrical conduit for detector lead-in.

K. Install 2" polyvinyl chloride (Schedule 40) electrical conduit - trenched.

CONSTRUCTION DETAILS (cont'd.)

L. Install preformed pavement marking tape - "ONLY" symbol.

M. Install 2" polyvinyl chloride (Schedule 80) electrical conduit - trenched during construction.

N. Use existing handhole.

O. Install 4" polyvinyl chloride (Schedule 40) electrical conduit - trenched.

P. Install 24" preformed pavement marking - white for stop line.

Q. Install 12" preformed pavement marking - white for crosswalk.

NOTES

1. "D.O." indicates delay output loop detector.
2. Geometrics shall be confirmed prior to the installation of signal equipment.
3. 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 will occur, the Contractor shall notify the appropriate Project Engineer immediately.
4. The State Highway Administration Signal Shop will perform all internal wiring to the existing cabinet at MD 24. The Contractor will install and identify all call cables going into the proposed and existing cabinets and contact Mr. Ed Rodenhizer at (410) 787-7650 seventy-two (72) hours prior to requiring the wiring of the existing cabinet at MD 24.
5. Remove existing R1-1 signs at the intersection.

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

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

The Traffic Group

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Job No. 950220

REVISIONS	APPROVALS
	ASST. DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 10/14/95
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 10/14/95
	ASST. DISTRICT ENGINEER - TRAFFIC
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY 10/18

MDOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE *

DRAWN BY: AA

DES. BY: J.A.B.

CHK. BY: J.A.B. 10/13/95

Boulton Street @ Entrance to Harford Mall

COUNTY: HARFORD

DATE: 03-06-95

SCALE: 1" = 20'

F.A.P. NO.

S.H.A. NO. BW-815-802-412

TS/STD. NO. 3547-P

SHEET NO. 1 OF 2