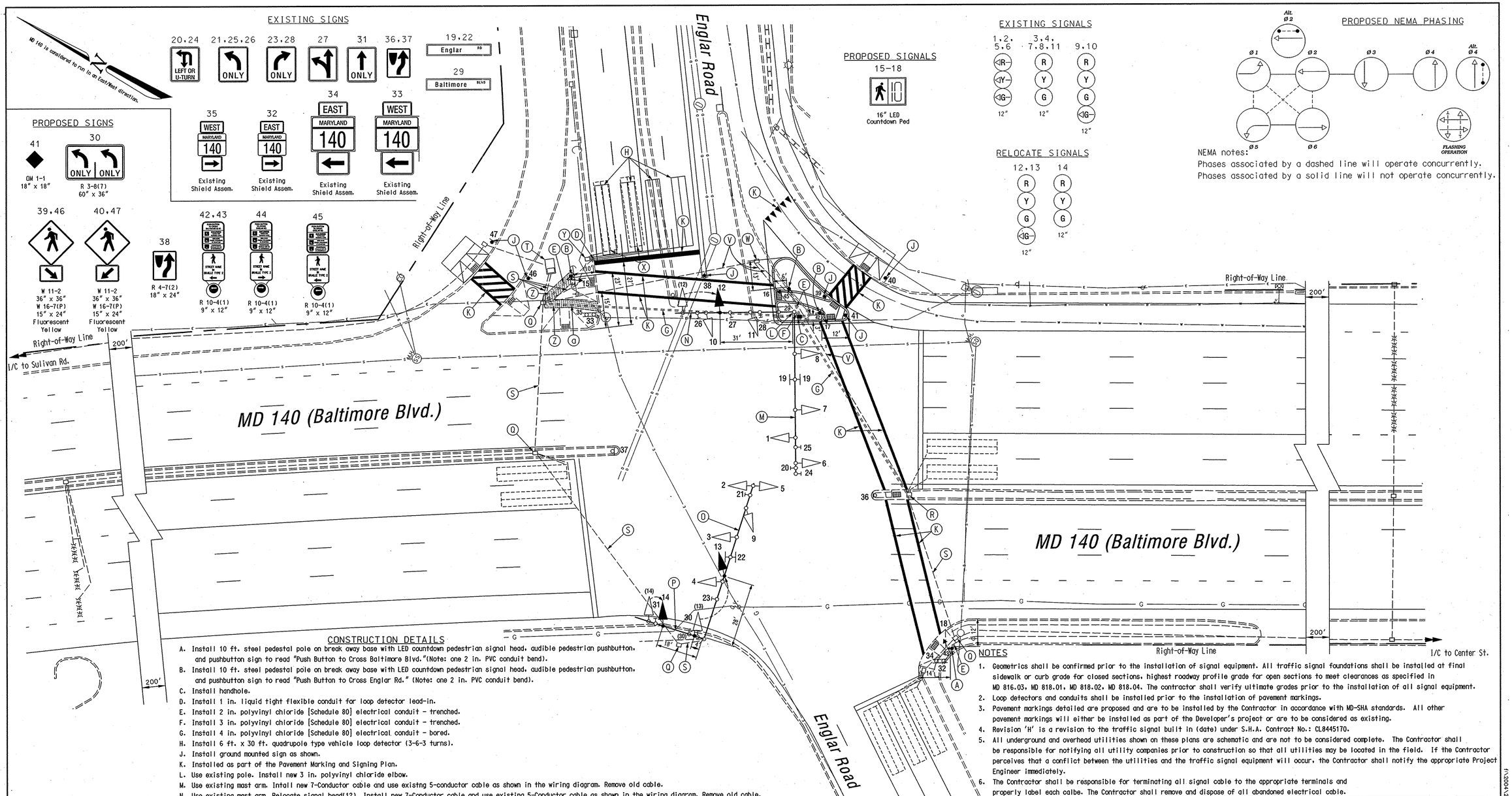

CONSTRUCTION DETAILS

A. Install 10 ft. steel pedestal pole on break away base with LED countdown pedestrian signal head, audible pedestrian pushbutton, and pushbutton sign to read "Push Button to Cross Baltimore Blvd."(Note: one 2 in. PVC conduit bend).
B. Install 10 ft. steel pedestal pole on break away base with LED countdown pedestrian signal head, audible pedestrian pushbutton, and pushbutton sign to read "Push Button to Cross Englar Rd." (Note: one 2 in. PVC conduit bend).
C. Install handhole.
D. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
E. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
F. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
G. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
H. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
J. Install ground mounted sign as shown.
K. Installed as part of the Pavement Marking and Signing Plan.
L. Use existing pole. Install new 3 in. polyvinyl chloride elbow.
M. Use existing mast arm. Intall new 7-Conductor cable and use existng 5-conductor cable as shown in the wiring diagram. Remove old cable.
N. Use existing mast arm. Relocate signal head(12). Install new 7-Conductor cable and use existing 5-Conductor cable as shown in the wiring diagram. Remove old cable.
O. Use existing mast arm. Relocate signal head(13).
P. Use existing mast arm. Replace sign(30) as shown. Relocate signal head(14).
Q. Use existing handhole.
R. Use existing handhole. Pull back existing signal cables and I/C. Run through new conduit back to existing cabinet/controller.
S. Use existing conduit.
T. Use existing cabinet and controller. Install 2 NEMA Load Switches and a CCU for new audible pedestrian movements. Install one additional loop detector amplifier.
V. Cap and abandon existing conduit.
W. Remove existing handhole.
X. Abandon existing loop detector.
Y. Use existing handhole. Splice new loop wire to existing aluminum shielded.
Z. Remove/Replace concrete in island (for conduit installation).
a. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

NOTES

1. 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.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. Revision 'H' is a revision to the traffic signal built in (date) under S.H.A. Contract No.: CL8445170.
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. The Contractor shall be responsible for terminating all signal cable to the appropriate terminals and properly label each calbe. The Contractor shall remove and dispose of all abandoned electrical cable.

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

Revision "H"

The Traffic Group
The Traffic Group, Inc.
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REVISIONS

H	Add double left to SB Englar Rd. Add countdown PED operation. S.H.A. No.:BW995M82	April 20, 2006
G	Install new micro-loop probes due to reconstruction on MD 140 S.H.A. No.:CL8445170	April, 2003
F	As-Built S.H.A. No.:CL7935176	November, 2000
E	Signal modification for roadway widening. S.H.A. No.:CL7935176	October, 1998

JES CJS MWB MAR 9/16/04

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)

MD 140 (Baltimore Blvd.) at Englar Road

DRAWN BY: MB	F.A.P. NO. N/A	TS NO. 1578H	SHEET NO.
CHECKED BY: RF	S.H.A. NO. CL8445170		
SCALE: 1" = 20'	COUNTY: Carroll	T.I.M.S. NO. H290	1 OF 2
DATE:	LOG MILE: 06014009.62		

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