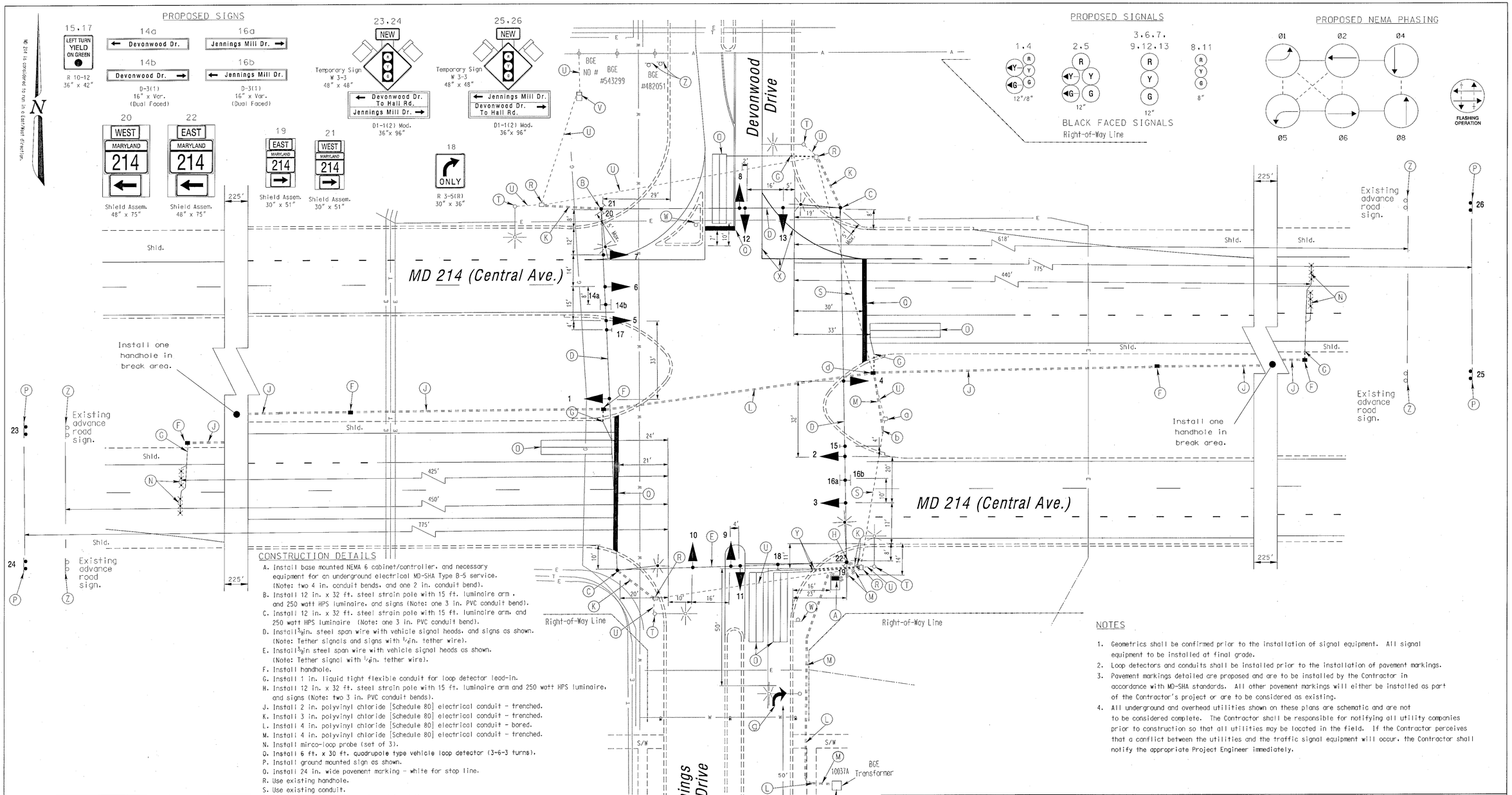

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical MD-SHA Type B-5 service. (Note: two 4 in. conduit bends, and one 2 in. conduit bend).
B. Install 12 in. x 32 ft. steel strain pole with 15 ft. luminaire arm, and 250 watt HPS luminaire, and signs (Note: one 3 in. PVC conduit bend).
C. Install 12 in. x 32 ft. steel strain pole with 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
D. Install 3/8in. steel span wire with vehicle signal heads, and signs as shown. (Note: Tether signals and signs with 1/4in. tether wire).
E. Install 3/8in steel span wire with vehicle signal heads as shown. (Note: Tether signal with 1/4in. tether wire).
F. Install handhole.
G. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
H. Install 12 in. x 32 ft. steel strain pole with 15 ft. luminaire arm and 250 watt HPS luminaire, and signs (Note: two 3 in. PVC conduit bends).
J. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
K. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
L. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
M. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
N. Install mirco-loop probe (set of 3).
O. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
P. Install ground mounted sign as shown.
Q. Install 24 in. wide pavement marking - white for stop line.
R. Use existing handhole.
S. Use existing conduit.
T. Remove existing lighting pole and foundation.
U. Cap and abandon existing conduit.
V. Remove existing power supply for lighting.
W. Remove existing ground mounted sign. (After signal has been placed into flashing operation).
X. Remark with 10 in. solid white pavement marking as shown.
Y. Install 1 in. galvinized steel conduit for loop detector lead-in.
Z. Remove existing ground mounted sign.
a. Remove Handhole.
b. Tie new conduit to existing conduit.
c. Not used
d. Install handhole on existing conduit.
e. Not used
f. Proposed underground electrical service by BGE.
g. Install pavement markings 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 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 Contractor's project or are to be considered as existing.
4. 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.

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

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REVISIONS	APPROVALS
	Mickey Renfer 2-28-01 — TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	2/28/01 — ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	2/28/01 — CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	Dennis R. Wilcher 3/6/01 — DIRECTOR, TRAFFIC & SAFETY

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

MD 214 (Central Avenue) at Jennings Mill Drive/ Devonwood Drive

DRAWN BY:	F. Hoeckel	F.A.P. NO.	N/A	TS NO. 4068	SHEET NO. 1 OF 2
CHECKED BY:	JOH	S.H.A. NO.	XXI005385		
SCALE:	1" = 20'	COUNTY:	Prince George's	T.I.M.S. NO. E-384	
DATE:	February 21, 2001	LOG MILE:	16042\409.48		

8/11/5 8/11/5