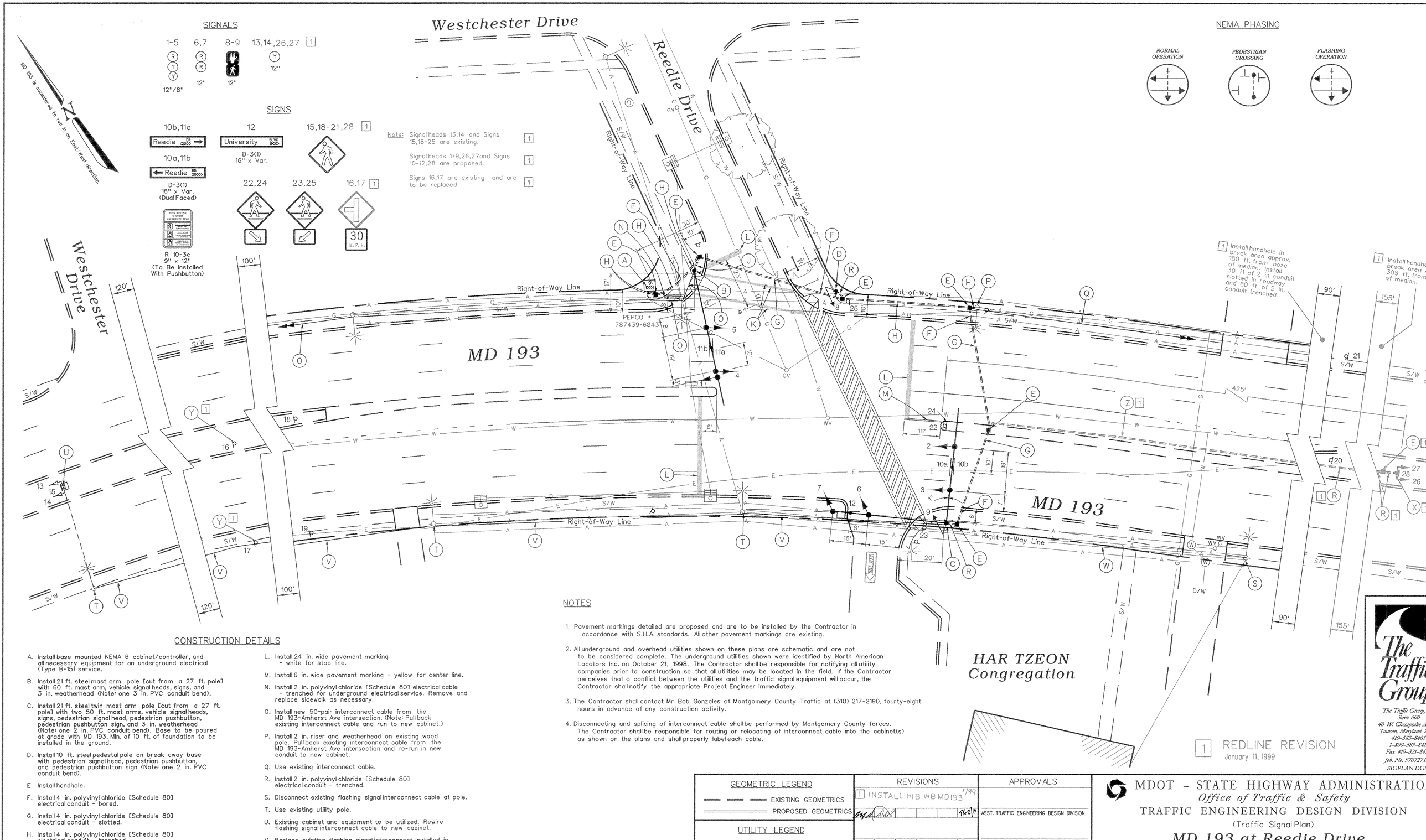

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/controller, and all necessary equipment for an underground electrical (Type B-15) service.

B. Install 21 ft. steel mast arm pole [cut from a 27 ft. pole] with 60 ft. mast arm, vehicle signal heads, signs, and 3 in. weatherhead (Note: one 3 in. PVC conduit bend).

C. Install 21 ft. steel twin mast arm pole [cut from a 27 ft. pole] with two 50 ft. mast arms, vehicle signal heads, signs, pedestrian signal head, pedestrian pushbutton, pedestrian pushbutton sign, and 3 in. weatherhead (Note: one 2 in. PVC conduit bend). Base to be poured at grade with MD 193. Min. of 10 ft. of foundation to be installed in the ground.

D. Install 10 ft. steel pedestal pole on break away base with pedestrian signal head, pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 2 in. PVC conduit bend).

E. Install handhole.

F. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.

G. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted.

H. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

J. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

K. Install 12 in. wide pavement marking - white for crosswalk.

L. Install 24 in. wide pavement marking - white for stop line.

M. Install 6 in. wide pavement marking - yellow for center line.

N. Install 2 in. polyvinyl chloride [Schedule 80] electrical cable - trenched for underground electrical service. Remove and replace sidewalk as necessary.

O. Install new 50-pair interconnect cable from the MD 193-Amherst Ave intersection. (Note: Pull back existing interconnect cable and run to new cabinet.)

P. Install 2 in. riser and weatherhead on existing wood pole. Pull back existing interconnect cable from the MD 193-Amherst Ave intersection and re-run in new conduit to new cabinet.

Q. Use existing interconnect cable.

R. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

S. Disconnect existing flashing signal interconnect cable at pole.

T. Use existing utility pole.

U. Existing cabinet and equipment to be utilized. Rewire flashing signal interconnect cable to new cabinet.

V. Replace existing flashing signal interconnect installed in 1/4 in. tether cable.

W. Remove existing flashing signal interconnect cable wire.

1 X. Install 14 ft. pedestal pole with traffic signal heads, and sign as shown.

1 Y. Replace existing sign with W11-2 sign on existing post as shown.

1 Z. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.

NOTES

1. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings are existing.
2. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The underground utilities shown were identified by North American Locators Inc. on October 21, 1998. 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.
3. The Contractor shall contact Mr. Bob Gonzales of Montgomery County Traffic at (310) 217-2190, fourty-eight hours in advance of any construction activity.
4. Disconnecting and splicing of interconnect cable shall be performed by Montgomery County forces. The Contractor shall be responsible for routing or relocating of interconnect cable into the cabinet(s) as shown on the plans and shall properly label each cable.

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

GAS MAIN (G — G)

WATER MAIN (W — W)

SEWER MAIN (S — S)

ELECTRIC CABLES (E — E)

STORM DRAIN (D — D)

AERIAL CABLES (A — A)

TELEPHONE CABLES (T — T)

REVISIONS

1 INSTALL HIB WB MD193 '99

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER - TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

(Traffic Signal Plan)

MD 193 at Reedie Drive

DATE: October 23, 1998

LOG MILE * 15019301

DRAWN BY: J. Dirndorfer

CHK. BY:

SCALE: 1" = 20'

F.A.P. NO. N/A

S.H.A. NO.

COUNTY: MONTGOMERY

PLAN SHEET NO.: 3846

SHEET 1 of

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