MD 190 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

PROPOSED SIGNS

14.15 — Whittier Blvd. ◄ 6600 / Winston Dr. 6200 ► — D3-2 Variable x 32"

12.13 — Winston Dr. ◄ 6200 / Whittier Blvd. 6600 ► — D3-2 Variable x 32"

16 — NO TURN ON RED — R10-6R 30"X36"

17 — ONLY — R 3-5(L) 30"X 36"

18 — R3-6R 30"x36"

PUSH BUTTON TO CROSS MD 190 — 1 START CROSSING WHEN FOR TURNING CARS; 2 DON'T START FINISH CROSSING IF STARTED; 3 PEDESTRIANS SHOULD NOT BE IN CROSSWALK — R10-3C 9" x 12"

EXISTING SIGNS

20 — ◄ Whittier Blvd. / Winston Dr. ► / NEXT SIGNAL — D3-2 Variable x 48"

19 — ◄ Winston Dr. / Whittier Blvd. ► / NEXT SIGNAL — D3-2 Variable x 48"

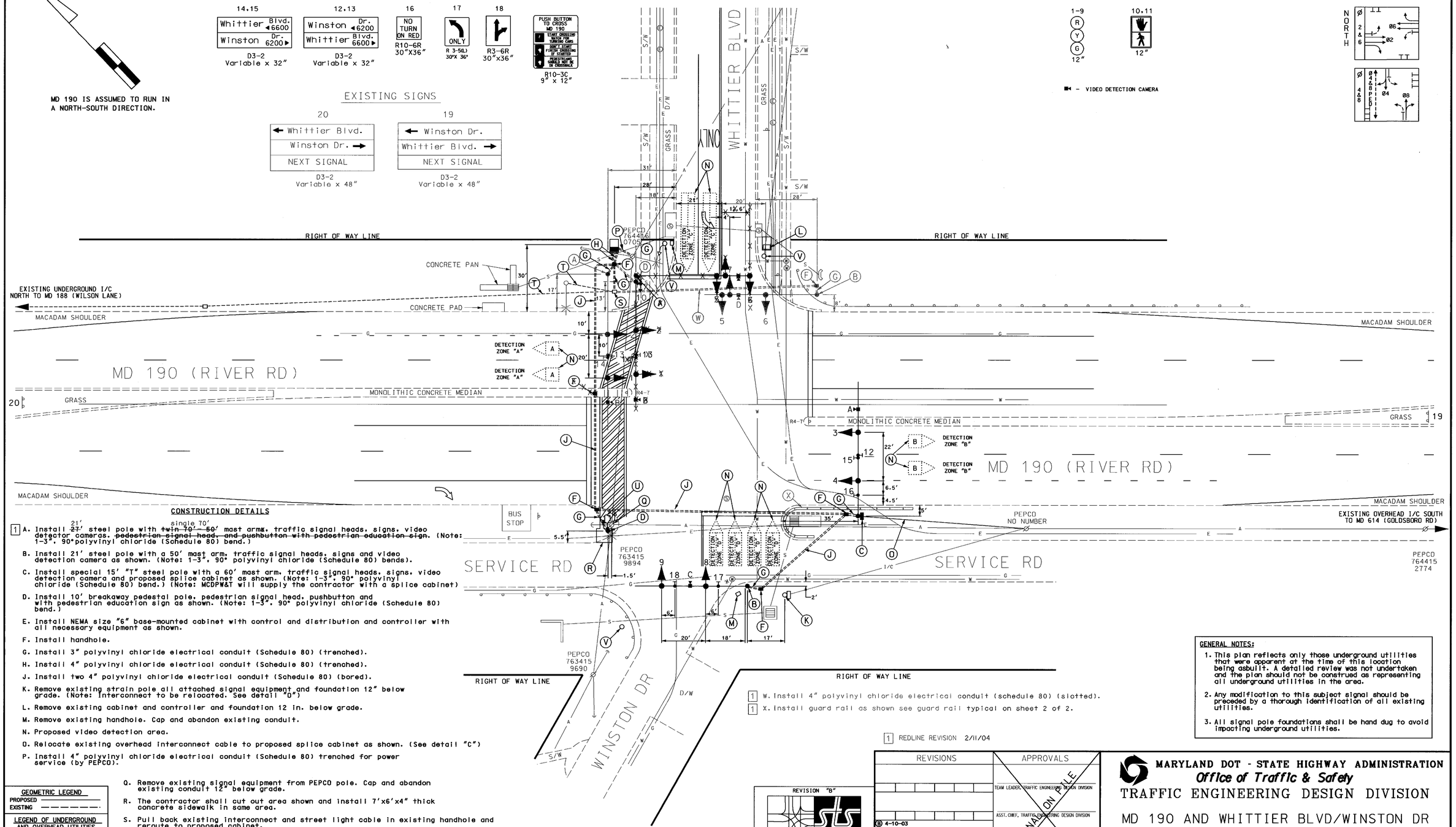
PROPOSED SIGNALS

1-9 — R Y G — 12"

10.11 — 12"

■ – VIDEO DETECTION CAMERA

PHASING



CONSTRUCTION DETAILS

1 A. Install ~~27'~~ 21' steel pole with ~~twin 70' - 50'~~ single 70' mast arms, traffic signal heads, signs, video detector cameras. ~~pedestrian signal head, and pushbutton with pedestrian education sign.~~ (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

B. Install 21' steel pole with a 50' mast arm, traffic signal heads, signs and video detection camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bends).

C. Install special 15' "T" steel pole with a 60' mast arm, traffic signal heads, signs, video detection camera and proposed splice cabinet as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.) (Note: MCDPW&T will supply the contractor with a splice cabinet)

D. Install 10' breakaway pedestal pole, pedestrian signal head, pushbutton and with pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

E. Install NEMA size "6" base-mounted cabinet with control and distribution and controller with all necessary equipment as shown.

F. Install handhole.

G. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

H. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

J. Install two 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

K. Remove existing strain pole all attached signal equipment and foundation 12" below grade. (Note: Interconnect to be relocated. See detail "D")

L. Remove existing cabinet and controller and foundation 12 in. below grade.

M. Remove existing handhole. Cap and abandon existing conduit.

N. Proposed video detection area.

O. Relocate existing overhead interconnect cable to proposed splice cabinet as shown. (See detail "C")

P. Install 4" polyvinyl chloride electrical conduit (Schedule 80) trenched for power service (by PEPCO).

Q. Remove existing signal equipment from PEPCO pole. Cap and abandon existing conduit 12" below grade.

R. The contractor shall cut out area shown and install 7'x6'x4" thick concrete sidewalk in same area.

S. Pull back existing interconnect and street light cable in existing handhole and reroute to proposed cabinet.

T. Maintain and use existing conduit with wires and cables in conduit.

U. The contractor shall install handicap ramp and extension sidewalk to 7'x6'x4" concrete sidewalk as shown. (See Detail "R")

V. Remove existing strain pole, all attached signal equipment and foundation 12" below grade.

1 W. Install 4" polyvinyl chloride electrical conduit (schedule 80) (slotted).

1 X. Install guard rail as shown see guard rail typical on sheet 2 of 2.

1 REDLINE REVISION 2/11/04

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.
3. All signal pole foundations shall be hand dug to avoid impacting underground utilities.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISION "B"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

4355.dgn TASK-79

REVISIONS	APPROVALS
(B) 4-10-03 RECONSTRUCT SIGNAL SHA NO.: XX1065285	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
JWA	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A 6-12-91 ADD SIGNS, LOOPS, AND ASBUILT. SHA NO.- W-651-501-377	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
RRZ	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 190 AND WHITTIER BLVD/WINSTON DR

DRAWN BY: WJ NIES	F.A.P. NO.		TS NO. 3176 B	SHEET NO. 1 OF 2
CHECKED BY: RR ZACHERL	S.H.A. NO.			
SCALE: 1"= 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. F679	
DATE: 6-12-91	LOG MILE:	15019013.55		

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