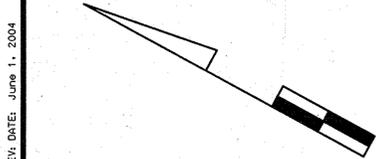


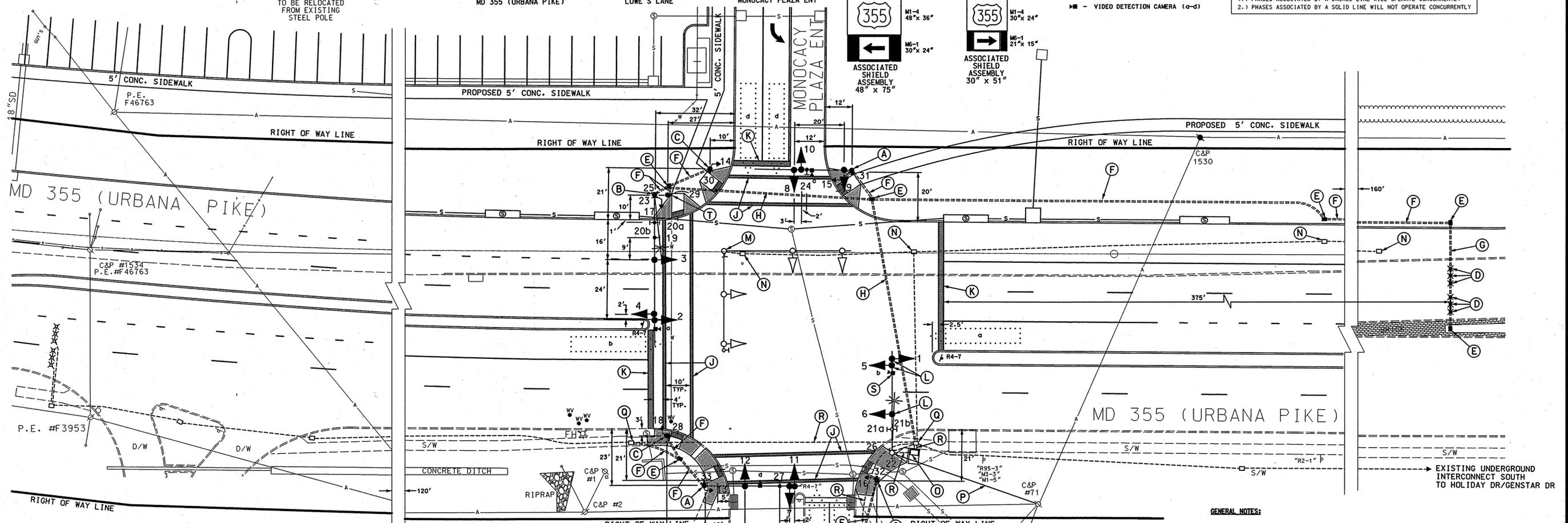
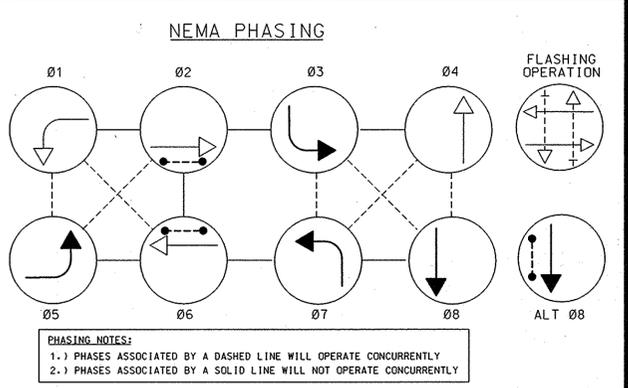
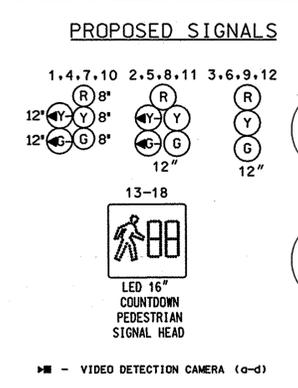
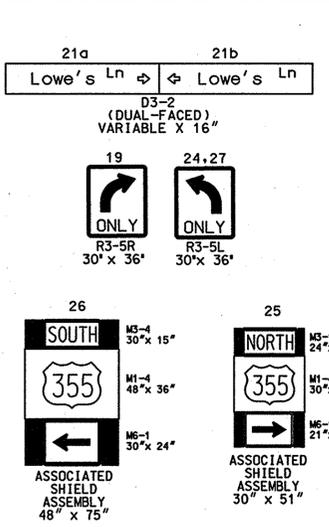
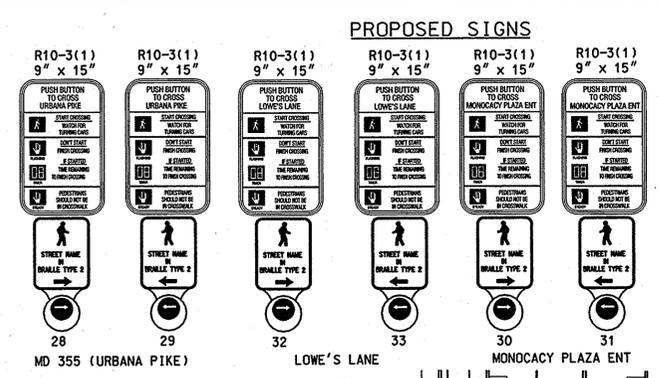
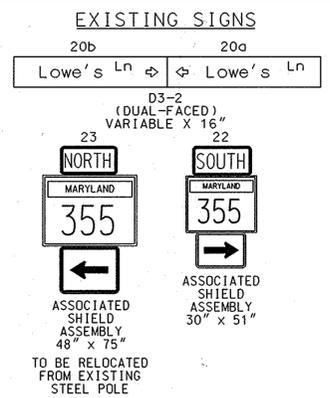
DRILL HOLES

DRILL HOLES

DRILL HOLES



MD 355 IS CONSIDERED TO RUN IN A NORTH - SOUTH DIRECTION



- CONSTRUCTION DETAILS**
- Install 27' steel pole with a 38' mast arm, traffic signal heads, signs, video detector camera, Countdown pedestrian signal head and audible pushbutton with pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - Install 27' steel pole with a 60' mast arm, traffic signal heads, signs, video detector camera, 20' lighting arm with a 250 watt HPS luminaire Countdown pedestrian signal head and audible pushbutton with pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.) The signal heads may need to be moved on the mastarm during MDT. The contractor must assure that sufficient additional wiring is supplied.
 - Install 10' breakaway pedestal pole, Countdown pedestrian signal head and audible pushbutton with pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - Install non-invasive micro-loop probes as shown.
 - Install handhole.
 - Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
 - Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
 - Install 12" white, heat applied permanent preformed thermoplastic pavement marking. (crosswalk)
 - Install 24" white, heat applied permanent preformed thermoplastic pavement marking. (stopline)
 - Remove existing signal head and install LED signal head in same location. (Note: use existing wiring).
 - Remove existing signal pole, all attached signal equipment and foundation 12" below grade, cap and abandon existing conduit.

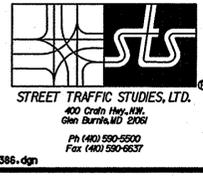
- con't**
- Remove existing handhole. Cap and abandon existing conduit.
 - Use existing base mounted cabinet and controller. (Notes: SHA shall install video interface into the cabinet. Contractor shall install Control Unit into cabinet after SHA completes testing).
 - Existing overhead electrical service to be maintained by Allegheny Power.
 - Use existing handhole.
 - Use existing conduit.
 - Install video detection camera onto existing mast arm.
 - Install 5' breakaway pedestal pole with modified foundation (due to the proximity of a proposed water line), countdown pedestrian signal head and audible pushbutton with pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

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



APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV.	2-26-08 MODIFY SIGNAL DUE TO THE ADDITION OF 4TH LEG. ADD APS/CPS RRZ February 4, 2002
DIVISION CHIEF	
OFFICE DIRECTOR	

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 355 AND LOWE'S LANE / MONOCACY PLAZA ENTRANCE

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE DEC. 7, 2000 CONTRACT NO. BW996M82

DESIGNED BY	COUNTY	FREDERICK
DRAWN BY	LOGMILE	10035508.91
CHECKED BY	TIMS NO.	1580
F.A.P. NO.	TOD NO.	

TS NO. 4055 B DRAWING NO. 1 OF 2 SHEET NO. OF

PLOTTED: #DATE/TIME#
FILE: #FILE#

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