MD 213 / MD 313 (MAIN STREET) IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

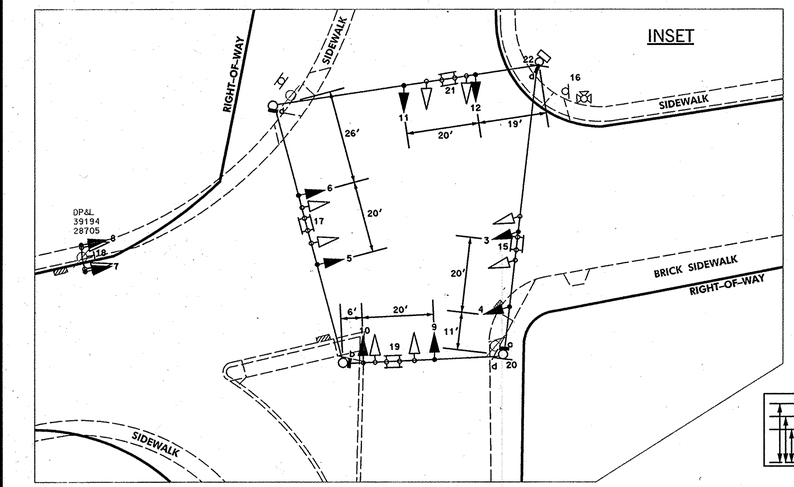
a-d VIDEO CAMERA

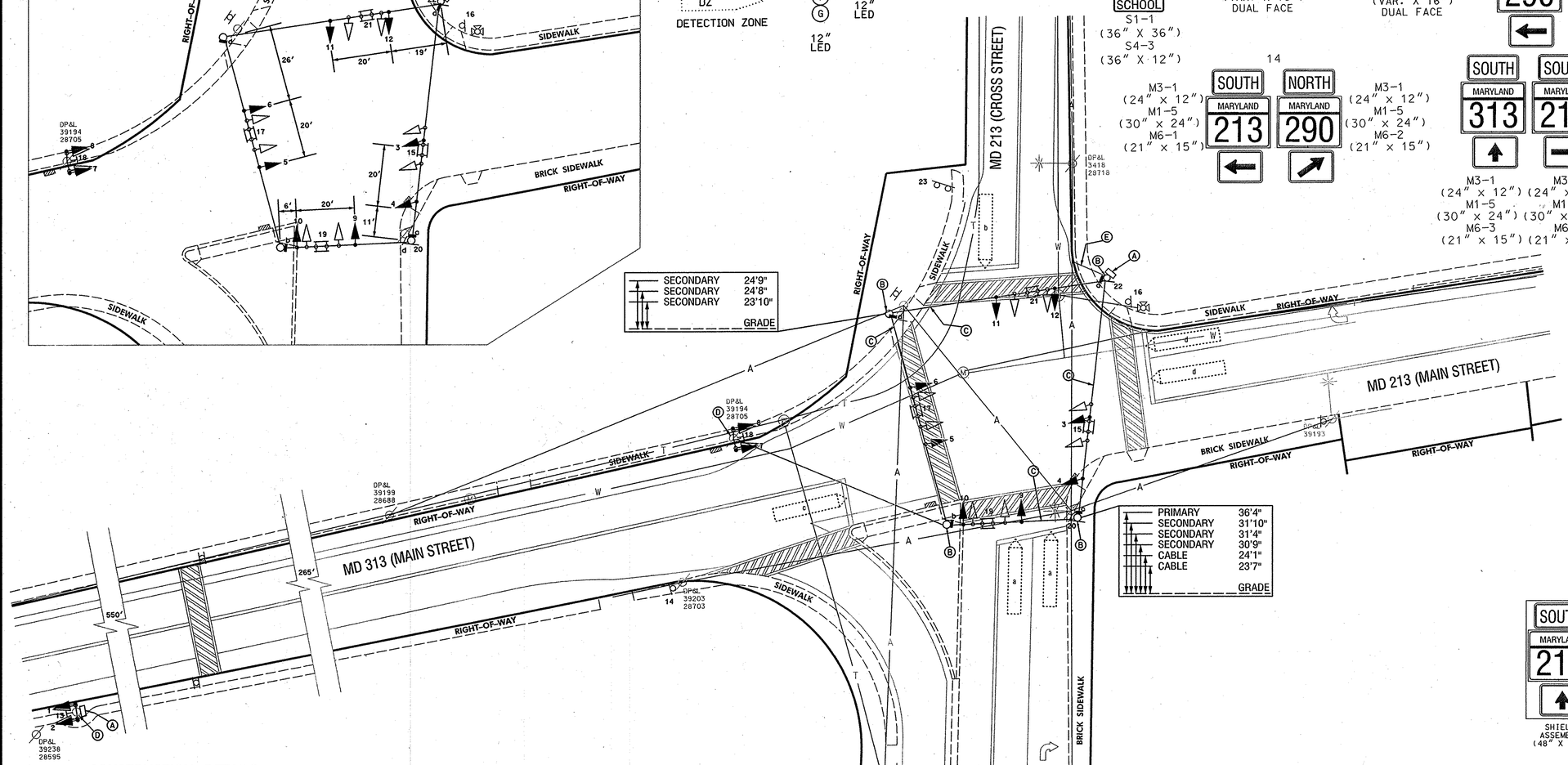
DZ DETECTION ZONE

PROPOSED SIGNALS

3-6, 9-12: R, Y, G — 12" LED

1-2, 7-8: Y — 12" LED





SECONDARY	24'9"	
SECONDARY	24'8"	
SECONDARY	23'10"	
		GRADE

PRIMARY	36'4"	
SECONDARY	31'10"	
SECONDARY	31'4"	
SECONDARY	30'9"	
CABLE	24'1"	
CABLE	23'7"	
		GRADE

13,18 SCHOOL S1-1 (36" X 36") S4-3 (36" X 12")

15,17 Cross Street D-3(1) (VAR. X 16") DUAL FACE

EXISTING SIGNS

19,21 Main Street D-3(1) (VAR. X 16") DUAL FACE

16 NORTH MARYLAND 290 — M3-1 (24" X 12") M1-5 (30" X 24") M6-1 (21" X 15") FLASHING OPERATION

14 SOUTH MARYLAND 213 — M3-1 (24" X 12") M1-5 (30" X 24") M6-1 (21" X 15")

NORTH MARYLAND 290 — M3-1 (24" X 12") M1-5 (30" X 24") M6-2 (21" X 15")

SOUTH MARYLAND 313 — M3-1 (24" X 12") M1-5 (30" X 24") M6-3 (21" X 15")

SOUTH MARYLAND 213 — M3-1 (24" X 12") M1-5 (30" X 24") M6-1 (21" X 15")

NEMA PHASING

Ø2 Ø4 Ø6 Ø8

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

EXISTING SIGNS

23 NORTH MARYLAND 290 — M3-1 (24" X 12") M1-5 (30" X 24") M6-3 (21" X 15")

NORTH MARYLAND 213 — M3-1 (24" X 12") M1-5 (30" X 24") M6-1 (21" X 15")

SOUTH MARYLAND 313 — M3-1 (24" X 12") M1-5 (30" X 24") M6-1 (21" X 15")

20 SOUTH MARYLAND 213 — SHIELD ASSEMBLY (48" X 75")

NORTH MARYLAND 213 — SHIELD ASSEMBLY (48" X 75")

22 TO SOUTH MARYLAND 290 — SHIELD ASSEMBLY (48" X 75")

SOUTH MARYLAND 313 — SHIELD ASSEMBLY (48" X 75")

CONSTRUCTION DETAILS

A. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER.

B. INSTALL ONE VIDEO DETECTION CAMERA ON EXISTING STRAIN POLE.

C. REMOVE SIGNAL HEADS AND INSTALL NEW LED SIGNAL HEADS ON EXISTING STRAIN WIRE.

D. REMOVE SIGNAL HEADS AND INSTALL NEW LED SIGNAL HEADS ON EXSITING PEDESTAL POLE.

E. USE EXISTING ELECTRICAL SERVICE.

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

BY: $USERNAME$

BAI
BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD SUITE 110
COLUMBIA, MARYLAND 21045
410-884-3607 410-884-3609(FAX)

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

B SHA NO. AT9095185 08/30/06 CHANGE TO LED SIGNAL HEADS AND ADD VIDEO DETECTION H533 M.A.M. TH

A INSTALL CROSSWALKS, ADA RAMPS AND HAZARD IDENTIFICATION BEACONS 2/97

PLOTTED: $DATETIME$
FILE: $FILE$

TOD No.: AT909-07
SHA No.: KE351A51/B51
MD 213 @ MD 290/MD 313

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 213 /MD 313 (MAIN STREET) AND
MD 213 /MD 290 (CROSS STREET)

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 12/20/79 CONTRACT NO.

DESIGNED BY L. PARKER COUNTY KENT
DRAWN BY LOGMILE 14021315.75
CHECKED BY D. ZAFIRIS T.I.M.S. NO. H533
F.A.P. NO. TOD NO.

DRAWING NO. TS1748B OF SHEET NO. 1 OF 2

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