

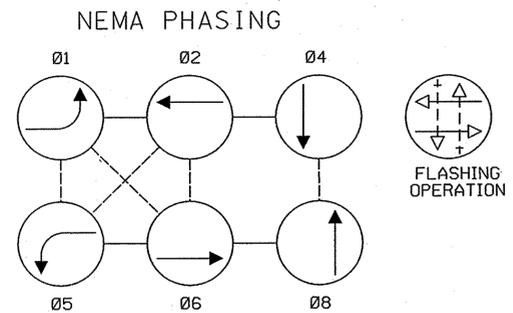
MD 140 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNALS TO BE REMOVED

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 14 SOUTH 15 NORTH 16 EAST 17 TO NORTH 18 SOUTH 19 SOUTH 20 WEST
 21 WEST MARYLAND EAST 22 EAST MARYLAND WEST
 23 WEST MARYLAND 24 EAST MARYLAND 25 VEE 26 SOUTH
 27a, 28a Silo Hill Rd 27b, 28b Silo Hill Rd
 M95-1 (78" X 24") M95-1 (78" X 24")
 D3-2 DUAL FACE SIGN (VAR. X 16") D3-2 DUAL FACE SIGN (VAR. X 16")

EXISTING SIGNS TO BE RELOCATED

PROPOSED L.E.D. SIGNALS
 1,6 2,7 4,5 3,8,9,10,11,12,13
 12" / 8" 12" 12" 12"

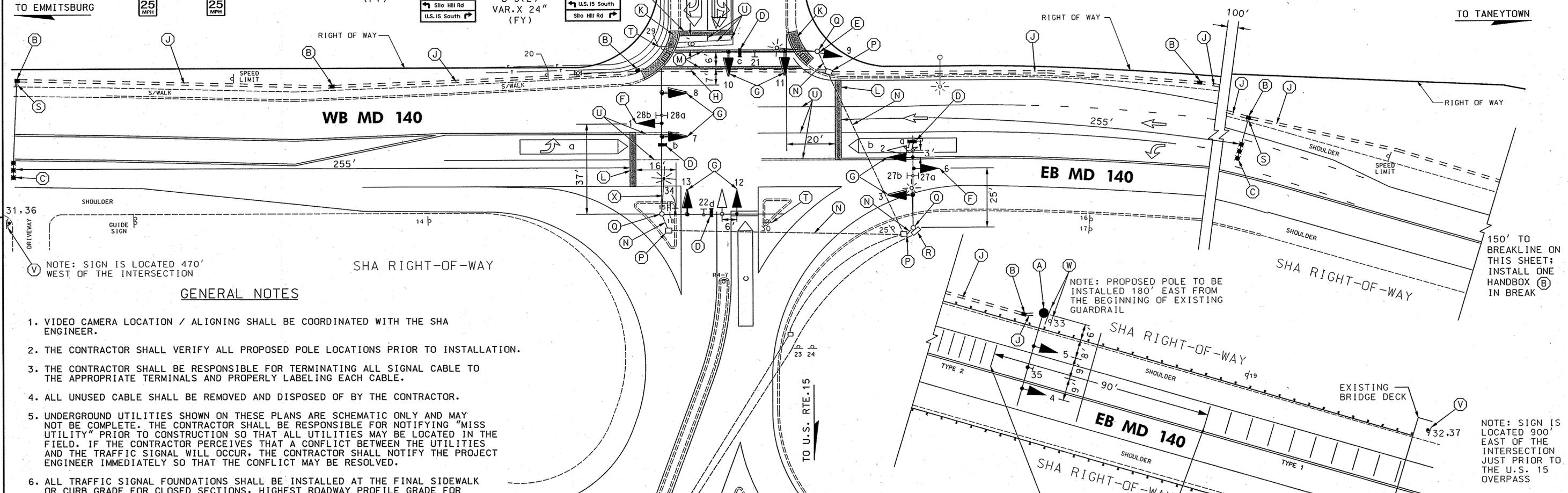


NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNS TO BE REMOVED
 29,30 STOP 31 + 32 +
 34 ONLY 35 W3-3 36 NEW 37 NEW
 R3-5(R) (30" X 36") W3-3 36" X 36" (FY)
 D-3(2) VAR. X 24" (FY)

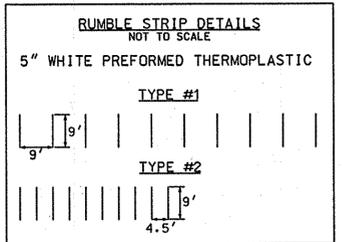
PROPOSED SIGNS

PROPOSED VIDEO DETECTION CAMERAS



GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
4. ALL UNUSED CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
5. UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" 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 WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.



LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TOD No.: AT783-19
 SHA No.: FR558A56/B56
 MD 140 @ Silo Hill Road

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
MD 140 AT SILO HILL ROAD
 EMMITSBURG, MARYLAND

RK & K
RUMMEL, KLEPPER & KAHL, LLP
 CONSULTING ENGINEERS
 81 MOSHER STREET
 BALTIMORE, MARYLAND 21217
 TELE: (410) 728-2900 FAX: (410) 383-3270

APPROVALS

TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS

⑥	UPGRADE TO FULL SIGNAL	SHA NO. AT7835185
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TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 2-26-03 CONTRACT NO. BW996M82

DESIGNED BY	T. ZAYDEL	COUNTY	FREDERICK
DRAWN BY	M. HOWELL	LOGMILE	10014004.80
CHECKED BY	T. ZAYDEL	TIMS NO.	1041
FAP NO.		TOD NO.	

TS No. 4209-B DRAWING - OF SHEET NO. 1 OF 2

BY: \$USER\$

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