F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

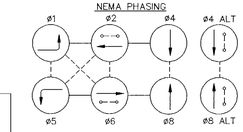
CONSTRUCTION STAGE III & ULTIMATE

EXISTING SIGNS	
R3-5R 30"x36" ONLY 27	R3-5L 30"x36" ONLY 26

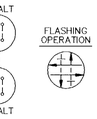
PROPOSED SIGNS	
23a Spartan Rd < 3300 / 23b Spartan Rd 3300 > D3-2 VARIABLE x 16" (DUAL FACED)	R10-12 36"x42" LEFT TURN YIELD ON GREEN 22,24
21a Spartan Rd < 3200 / 21b Spartan Rd 3200 > D3-2 VARIABLE x 16" (DUAL FACED)	

EXISTING SIGNALS	PED SIGNALS
8" R Y G 7,10 / 12" R Y G 8,9,11,12	12" 13-20
PROPOSED SIGNALS	
12" 8" R Y G 1,4 / 12" R Y G 2,5 / 12" R Y G 3,6	

NEMA PHASING

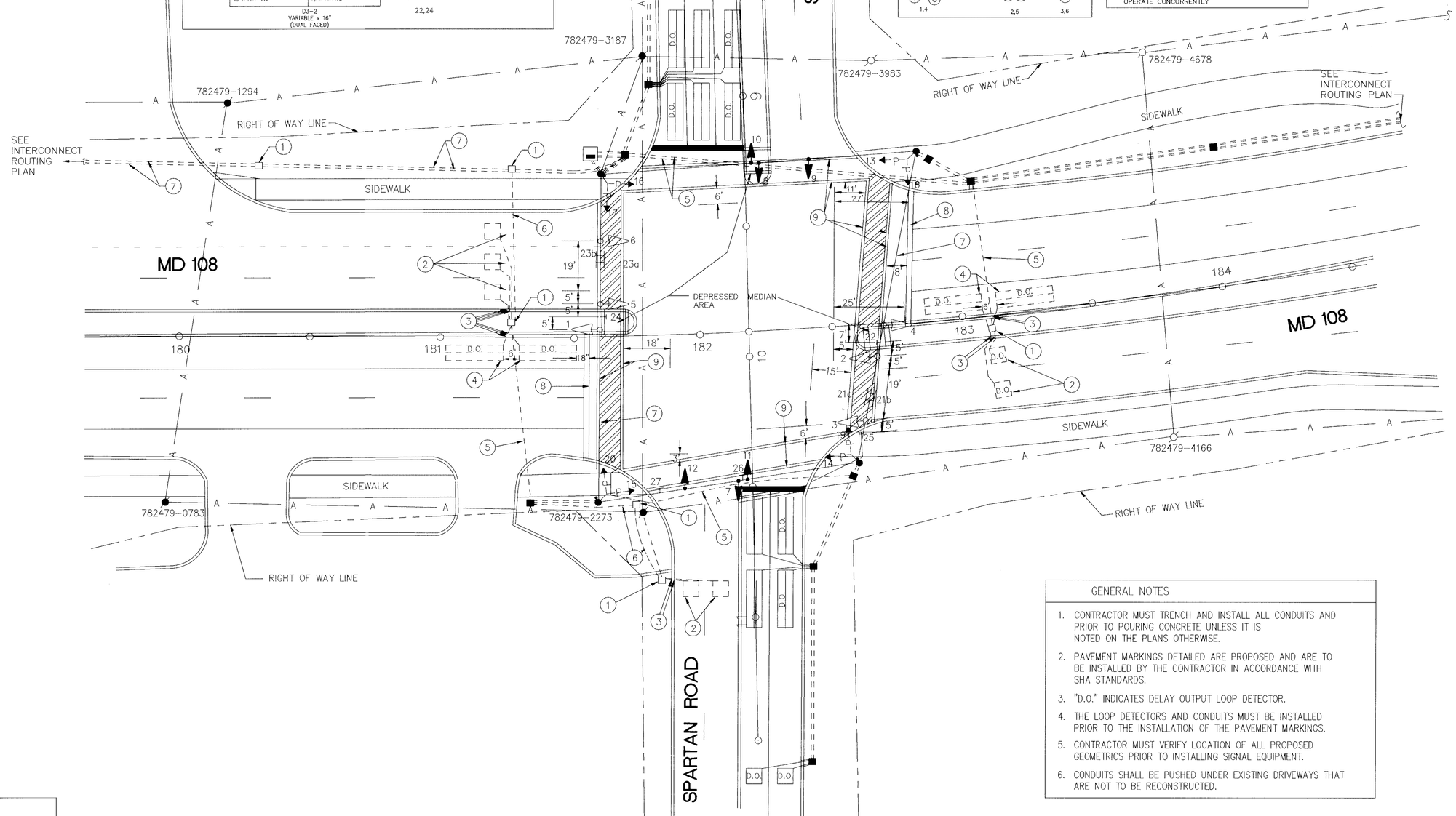


FLASHING OPERATION



PHASING NOTES

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



GENERAL NOTES

1. CONTRACTOR MUST TRENCH AND INSTALL ALL CONDUITS AND PRIOR TO POURING CONCRETE UNLESS IT IS NOTED ON THE PLANS OTHERWISE.
2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
3. "D.O." INDICATES DELAY OUTPUT LOOP DETECTOR.
4. THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
5. CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
6. CONDUITS SHALL BE PUSHED UNDER EXISTING DRIVEWAYS THAT ARE NOT TO BE RECONSTRUCTED.

UTILITY LEGEND

T	TELEPHONE CABLES
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
BC	BURIED CABLE
SD	STORM DRAIN

GEOMETRIC LEGEND

———	EXISTING GEOMETRICS
— — —	PROPOSED GEOMETRICS

CADFILE: 108-005C.DWG
PLOT SCALE: 1=20(L)

DCL
DANIEL CONSULTANTS, INC.
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

REVISIONS
5/93 (B) RECONSTRUCT. DUE TO NEW PROPOSED GEOMETRICS S.H.A. No. M-606-501-371

APPROVALS

CHIEF, SIGNAL DESIGN SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DIVISION
DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

ORIGINAL ON SIGNAL FILE

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

ORIGINAL DRAWN BY: DERRICK DICKERSON
DES. BY: R.R. ZACHERL (FOR STS)
CHK. BY:

MD 108 AT SPARTAN ROAD
CONSTRUCTION STAGE III & ULTIMATE

COUNTY: MONTGOMERY

DATE: 7/88
SCALE: 1"=20'
F.A.P. NO.
S.H.A. NO.
TS/FILE NO. 2503 (B)
SHEET NO. ___ OF ___

150 10813.75