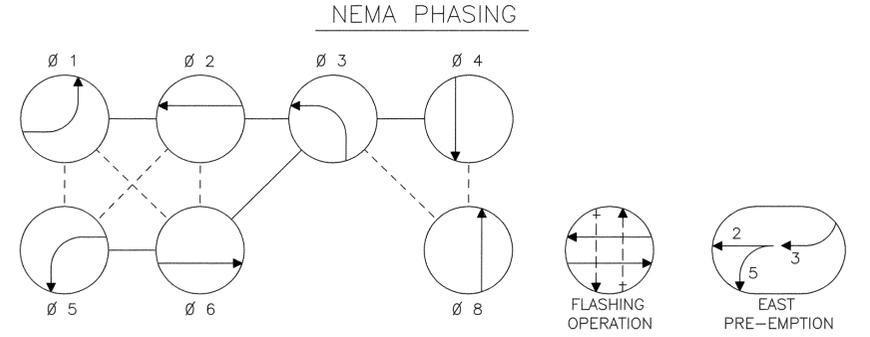
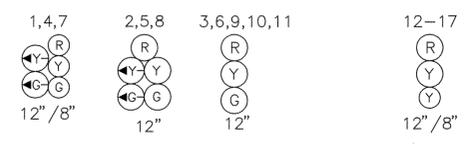


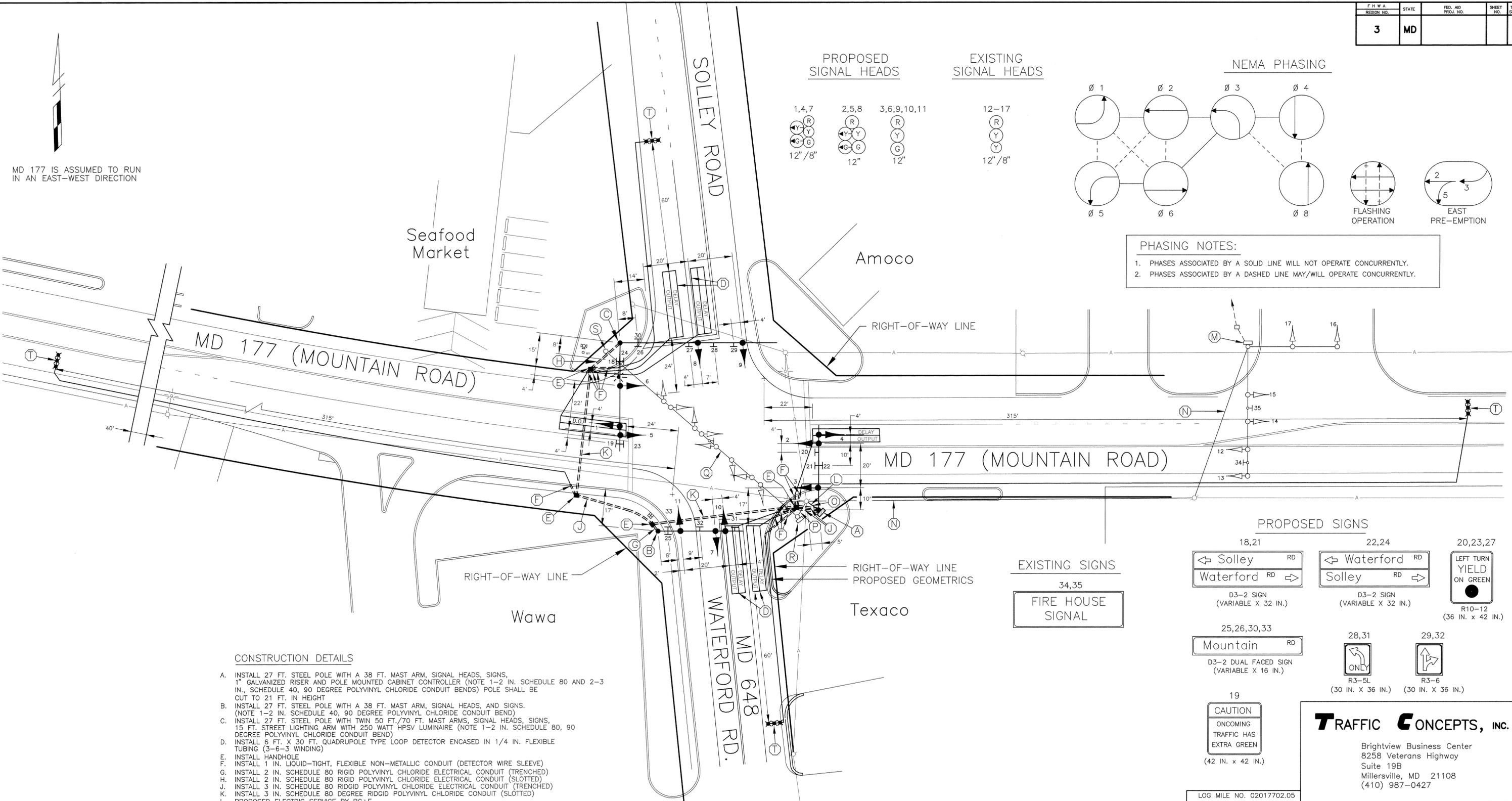
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

MD 177 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

**PROPOSED SIGNAL HEADS**      **EXISTING SIGNAL HEADS**



**PHASING NOTES:**  
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
 2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



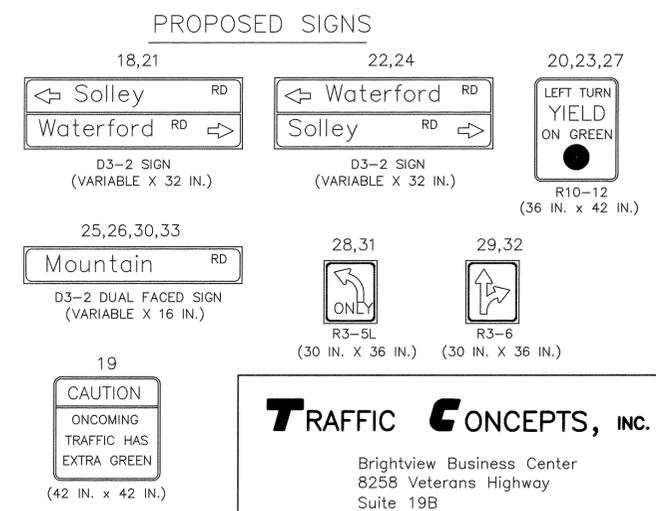
**CONSTRUCTION DETAILS**

- A. INSTALL 27 FT. STEEL POLE WITH A 38 FT. MAST ARM, SIGNAL HEADS, SIGNS, 1" GALVANIZED RISER AND POLE MOUNTED CABINET CONTROLLER (NOTE 1-2 IN. SCHEDULE 80 AND 2-3 IN., SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS) POLE SHALL BE CUT TO 21 FT. IN HEIGHT
- B. INSTALL 27 FT. STEEL POLE WITH A 38 FT. MAST ARM, SIGNAL HEADS, AND SIGNS. (NOTE 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND)
- C. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE 1-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND)
- D. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
- E. INSTALL HANDHOLE
- F. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
- G. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
- H. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
- J. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
- K. INSTALL 3 IN. SCHEDULE 80 DEGREE RIGID POLYVINYL CHLORIDE CONDUIT (SLOTTED)
- L. PROPOSED ELECTRIC SERVICE BY BG+E
- M. EXISTING MAST ARM AND POLE MOUNTED CABINET
- N. EXISTING INTERCONNECT CABLE
- O. DISCONNECT EXISTING INTERCONNECT CABLE AND RE-INSTALL TO NEW CONTROLLER
- P. REMOVE EXISTING ELECTRICAL SERVICE
- Q. REMOVE EXISTING SPAN WIRE, SIGNAL HEADS AND SIGNS
- R. REMOVE EXISTING STRAIN POLE, POLE MOUNTED CABINET AND SIGNS
- S. REMOVE EXISTING STRAIN POLE AND SIGNS.
- T. INSTALL MICRO-LOOP PROBE

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

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

**EXISTING SIGNS**  
 34,35  
 FIRE HOUSE SIGNAL



REVISIONS				APPROVALS		REVISIONS	
5-90				 ASSISTANT DIVISION CHIEF		 ASST. DISTRICT ENGINEER, TRAFFIC	
10-9-97							
(A) INSTALL NEW FIRE HOUSE SIGNAL WITH PRE-EMPTION TO SOLLEY ROAD				 CHIEF TRAFFIC ENGINEER DESIGN DIV.		 DIRECTOR, OFFICE OF TRAFFIC & SAFETY	
(B) RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS							
10-1-11							

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
**TRAFFIC SIGNALIZATION PLAN**  
**MD 177 AND MD 648/SOLLEY ROAD**

DATE: 10-9-97	DRAWN BY: T. ZAYDEL	F.A.P. NO.	PLAN SHEET NO.:
SCALE: 1"=20'	DESIGNED BY: T. ZAYDEL	S.H.A. NO. AW279A52/B52	TS-1440 B
APPROVED BY:	CHECKED BY: K. SCHMID	COUNTY: ANNE ARUNDEL	SHEET NO. 1 OF 2

**TRAFFIC CONCEPTS, INC.**  
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 (410) 987-0427