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

MD 85 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

19,21

W3-3 SIGN (48 IN. X 48 IN.) 'NEW' PANEL (30 IN. X 30 IN.) AND FLAGS

9-12

English Muffin WAY

D3-2 DUAL FACED SIGN (VARIABLE X 16 IN.)

13,16

Buckeystown PIKE

D3-2 SIGN (VARIABLE X 16 IN.)

14

NORTH 85

ASSOCIATED SHIELD ASSEMBLY (36 IN. X 72 IN.)

17

SOUTH 85

ASSOCIATED SHIELD ASSEMBLY (36 IN. X 72 IN.)

20,22

English Muffin Way

NEXT SIGNAL

D3-2 SIGN (VARIABLE X 32 IN.)

15

SOUTH 85

ASSOCIATED SHIELD ASSEMBLY (24 IN. X 51 IN.)

18

NORTH 85

ASSOCIATED SHIELD ASSEMBLY (24 IN. X 51 IN.)

PROPOSED SIGNAL HEADS

1-8

R Y G

12"

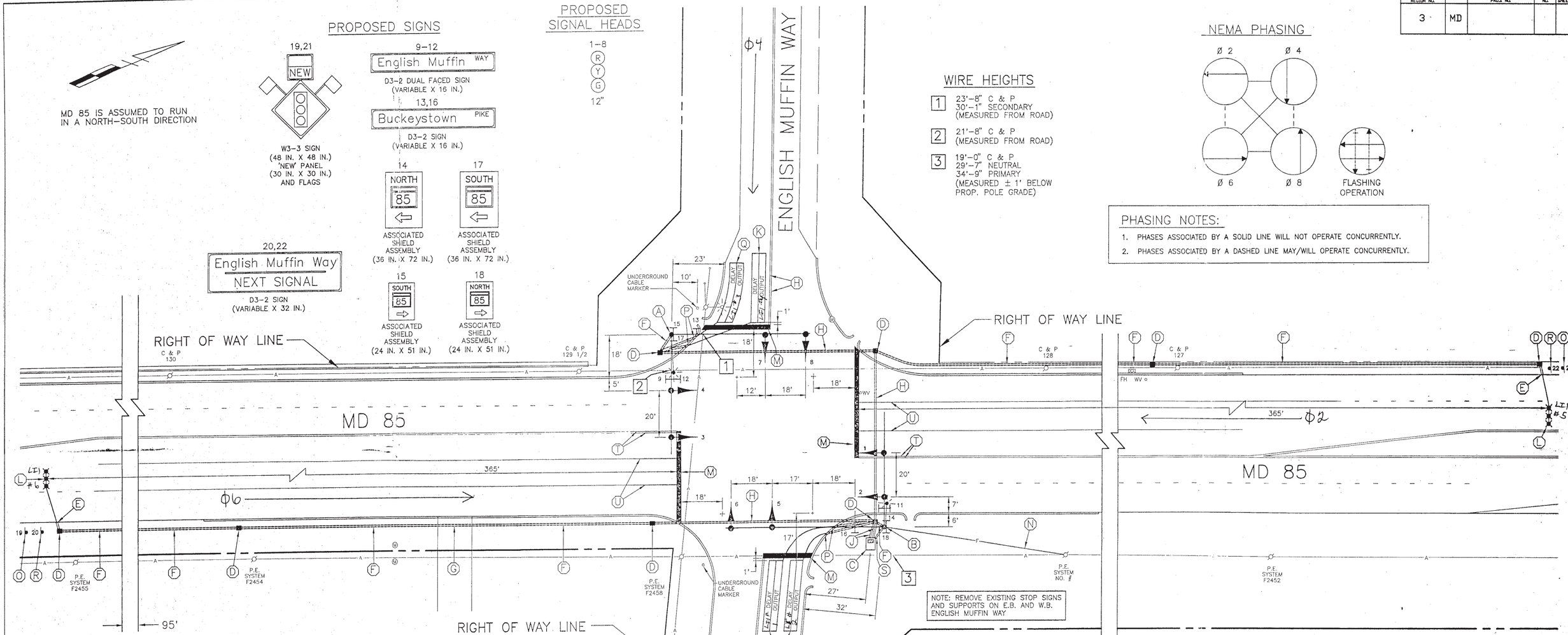
WIRE HEIGHTS

1. 23'-8" C & P
   30'-1" SECONDARY
   (MEASURED FROM ROAD)
2. 21'-8" C & P
   (MEASURED FROM ROAD)
3. 19'-0" C & P
   29'-7" NEUTRAL
   34'-9" PRIMARY
   (MEASURED ± 1' BELOW PROP. POLE GRADE)

NEMA PHASING

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 TWIN 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, SIGNS, 15 FT. STREET LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND)
B. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, GALVANIZED RISER FOR PHONE DROP, 10 FT. STREET LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-2 IN. SCHEDULE 40, AND 1-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS)
C. INSTALL NEMA SIZE '6' BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 1-2 IN. SCHEDULE 40, 1-2 IN. SCHEDULE 80, AND 2-4 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS)
D. INSTALL HANDHOLE
E. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
F. INSTALL 2 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
G. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED)
H. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED)
J. INSTALL 4 IN. SCHEDULE 40 RIGID POLLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
K. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
L. INSTALL MICROLOOP PROBE SET
M. INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE
N. PROPOSED OVERHEAD ELECTRIC SERVICE BY ALLEGANY POWER
O. INSTALL W3-3 SIGN ON TWO TREATED WOOD POSTS APPROXIMATELY 1056 FT. IN ADVANCE OF THE STOPLINE ON S.B. MD 85 AND 1320 FT. IN ADVANCE OF THE STOPLINE ON N.B. MD 85
P. INSTALL 1 IN. GALVANIZED STEEL CONDUIT (DETECTOR WIRE SLEEVE)
Q. INSTALL 6 FT. X 26 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
R. INSTALL D3-2 SIGN ON TWO TREATED WOOD POSTS APPROXIMATELY 650 FT. IN ADVANCE OF THE INTERSECTION
S. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
T. INSTALL 6 IN. YELLOW PERMANENT PREFORMED PAVEMENT MARKING TAPE
U. INSTALL 6 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.

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REVISIONS	APPROVALS	REVISIONS
	ASSISTANT DIVISION CHIEF 5/14/97	
	ASST. DISTRICT ENGINEER, TRAFFIC	
	CHIEF, TRAFFIC ENGINEERING DESIGN DIV. 5/14/97	
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

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

TRAFFIC SIGNALIZATION PLAN
MD 85 AND ENGLISH MUFFIN WAY

DATE: 5-9-97	DRAWN BY: T. ZAYDEL	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
SCALE: 1"=20'	DESIGNED BY: T. ZAYDEL	S.H.A. NOS: AN105A58, AN105B58, AN106M58		TS-3664	1 OF 2
APPROVED BY:	CHECKED BY: K. SCHMID	COUNTY	FREDERICK		