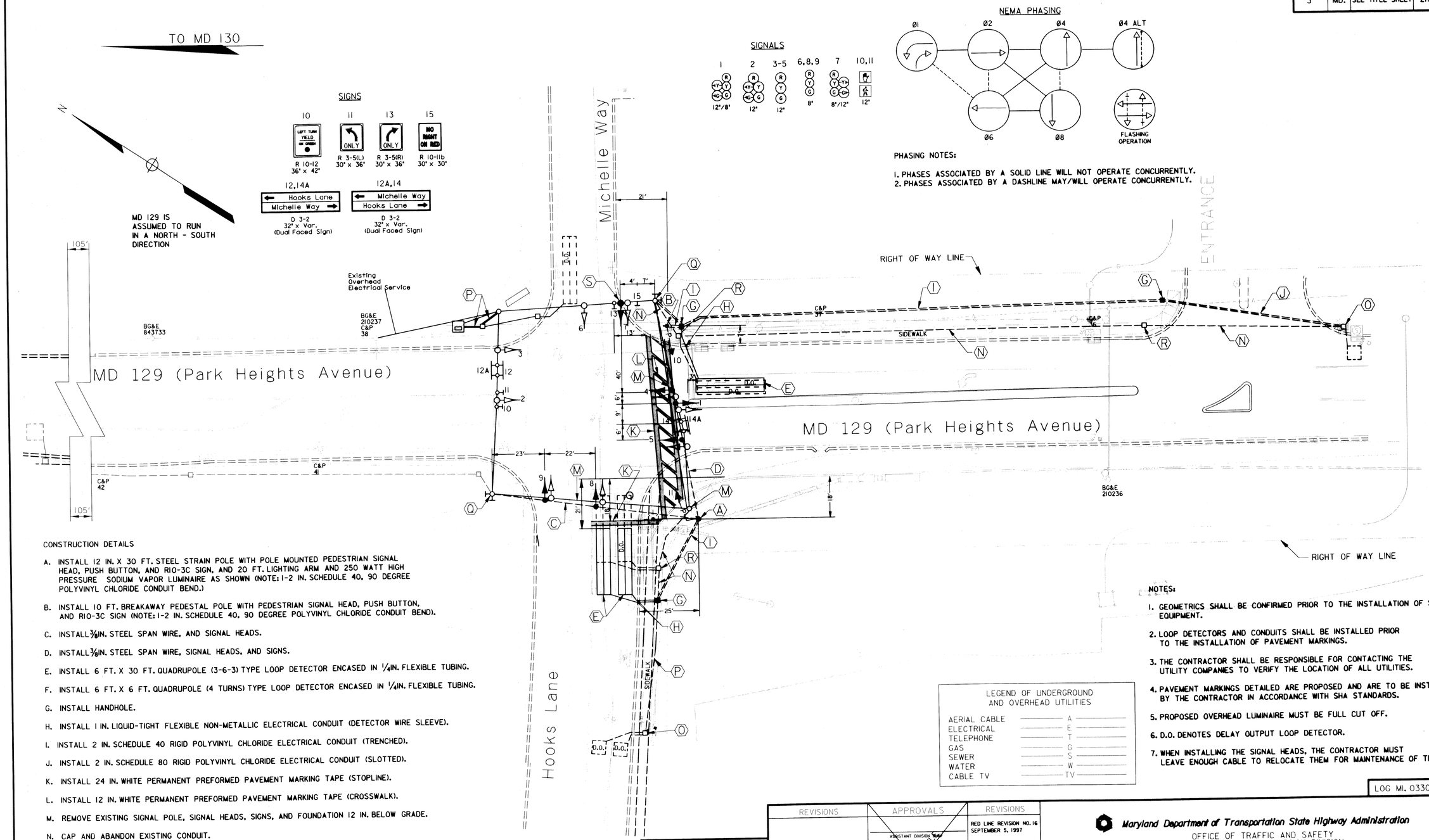
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	SEE TITLE SHEET	211H	654



CONSTRUCTION DETAILS

A. INSTALL 12 IN. X 30 FT. STEEL STRAIN POLE WITH POLE MOUNTED PEDESTRIAN SIGNAL HEAD, PUSH BUTTON, AND R10-3C SIGN, AND 20 FT. LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE AS SHOWN (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)

B. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, PUSH BUTTON, AND R10-3C SIGN (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).

C. INSTALL 3/8 IN. STEEL SPAN WIRE, AND SIGNAL HEADS.

D. INSTALL 3/8 IN. STEEL SPAN WIRE, SIGNAL HEADS, AND SIGNS.

E. INSTALL 6 FT. X 30 FT. QUADRUPOLE (3-6-3) TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.

F. INSTALL 6 FT. X 6 FT. QUADRUPOLE (4 TURNS) TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.

G. INSTALL HANDHOLE.

H. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

I. INSTALL 2 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

J. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).

K. INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOPLINE).

L. INSTALL 12 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (CROSSWALK).

M. REMOVE EXISTING SIGNAL POLE, SIGNAL HEADS, SIGNS, AND FOUNDATION 12 IN. BELOW GRADE.

N. CAP AND ABANDON EXISTING CONDUIT.

O. INSTALL SPLICE KIT FOR EXISTING LOOP WIRE TO NEW 2-CONDUCTOR ALUMINUM SHIELDED CABLE.

P. USE EXISTING CONDUIT.

Q. INSTALL TEMPORARY BACK GUYS (2 PER POLE) REMOVE UPON COMPLETION OF CONSTRUCTION.

R. REMOVE EXISTING HANDHOLE.

S. INSTALL SIGNAL HEAD AND SIGN ON EXISTING SPAN WIRE.

NOTES:

1. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES TO VERIFY THE LOCATION OF ALL UTILITIES.
4. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
5. PROPOSED OVERHEAD LUMINAIRE MUST BE FULL CUT OFF.
6. D.O. DENOTES DELAY OUTPUT LOOP DETECTOR.
7. WHEN INSTALLING THE SIGNAL HEADS, THE CONTRACTOR MUST LEAVE ENOUGH CABLE TO RELOCATE THEM FOR MAINTENANCE OF TRAFFIC

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

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REVISIONS

AUGUST 1997
© WIDENING OF SOUTHBOUND MD 129 (PARK HEIGHTS AVE.)
NOVEMBER 20, 1996
AS BUILT S.H.A. NO.:
DD

APPROVALS

ASSISTANT DIVISION CHIEF
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY
ORIGINATION FILE

REVISIONS

RED LINE REVISION NO. 16
SEPTEMBER 5, 1997

Maryland Department of Transportation State Highway Administration
OFFICE OF TRAFFIC AND SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 129 (PARK HEIGHTS AVENUE) AND HOOK'S LANE / MICHELLE WAY

DATE: 9-17-97	DRAWN BY: W.J. NIES	F.A.P. NO. SEE TITLE SHEET	PLAN SHEET NO.: TS-2444C	SHEET NO. 211H OF 654
SCALE:	DESIGNED BY: R.R. ZACHERL	S.H.A. NO. B 977-502-472		
APPROVED BY:	CHECKED BY: D.D.J.	COUNTY BALTIMORE		

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