FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD		18	20

Western Parkway is considered to run in a North/South direction.

EXISTING SIGNS

21 — R 10-12 LEFT TURN YIELD ON GREEN, 36"x 42"

13,14,17,18 — TEMPORARY SIGN W 3-3 36" x 36"

23 — R 10-11b NO TURN ON RED, 30" x 30"

PROPOSED SIGNS

22 — R 10-11b NO TURN ON RED, 30" x 30"

16 — R 10-12 LEFT TURN YIELD ON GREEN, 30"X42"

20 — R4-7 24"X36" INSTALLED @ 15° ANGLE

15a,19b ← Weymouth CT | 15b,19a Weymouth CT →

D3-2 VARIABLE X 16" (DUAL-FACED)

EXISTING SIGNALS

3,6,9,10 — 12"

4 — 12"/8"

5 — 12"

PROPOSED SIGNALS

1 — 12"/8"

2 — 12"

7,8 — 12"

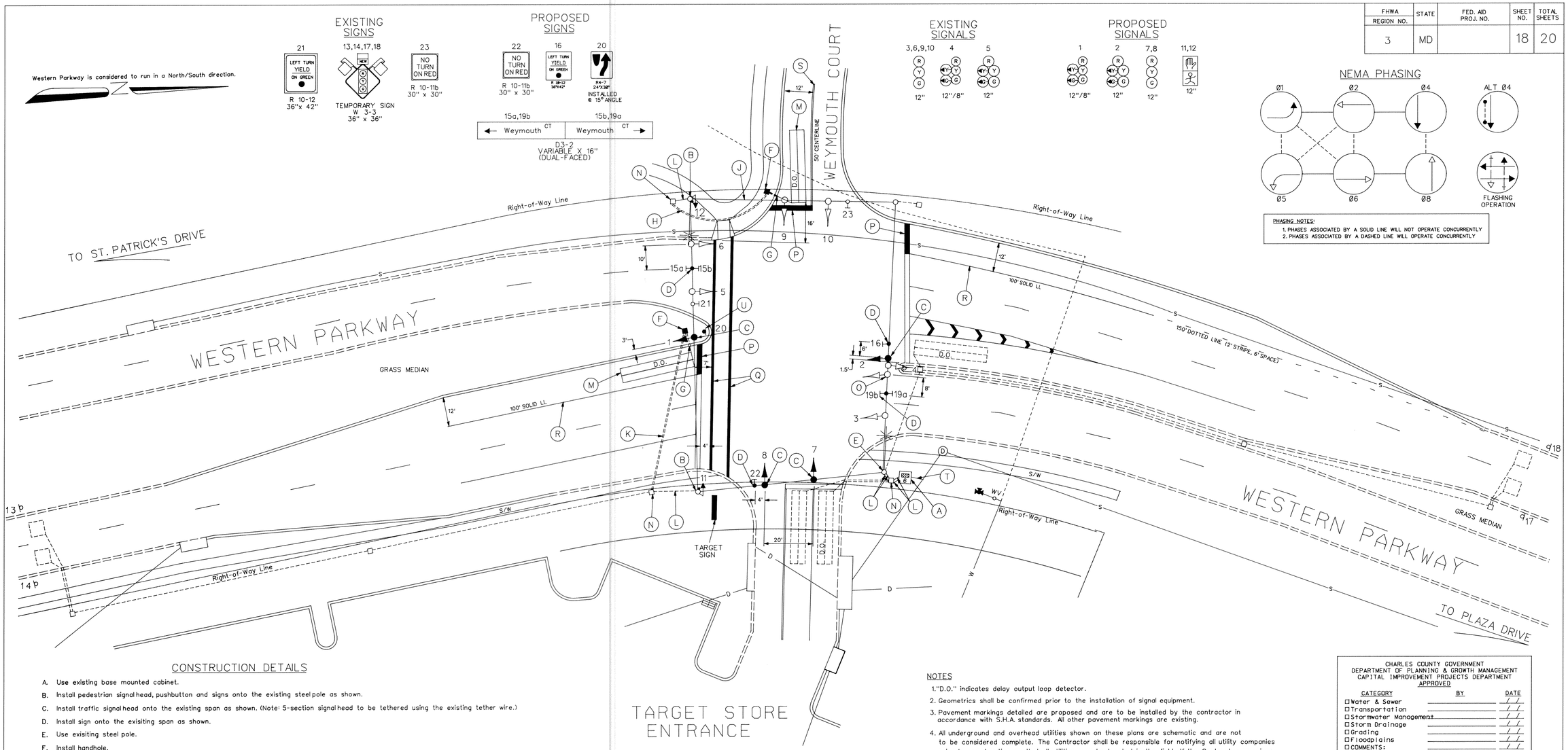
11,12 — 12"

NEMA PHASING

Ø1 Ø2 Ø4 ALT Ø4

Ø5 Ø6 Ø8 FLASHING OPERATION

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



CONSTRUCTION DETAILS

A. Use existing base mounted cabinet.
B. Install pedestrian signal head, pushbutton and signs onto the existing steel pole as shown.
C. Install traffic signal head onto the existing span as shown. (Note: 5-section signal head to be tethered using the existing tether wire.)
D. Install sign onto the exisiting span as shown.
E. Use exisiting steel pole.
F. Install handhole.
G. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
H. Install 2 in. polyvinyl chloride [Schedule 40] electrical conduit - trenched.
J. Install 2 in. polyvinyl chloride [Schedule 40] electrical conduit - tunneled under sidewalk.
K. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - pushed in roadway.
L. Use existing conduit.
M. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (2-4-2 turns).
N. Use exisiting handhole.
O. Remove existing traffic signal head.
P. Install 24 in. wide thermoplastic pavement marking - white for stop line.
Q. Install 12 in. wide thermoplastic pavement marking - white for crosswalk.
R. Install 5" in. wide pavement marking - white for lane line.
S. Install 5" in. wide pavement marking - double yellow for centerline.
T. Existing underground electrical service by SMECO.
U. Install ground mounted R4-7 sign.

NOTES

1. "D.O." indicates delay output loop detector.
2. Geometrics shall be confirmed prior to the installation of signal equipment.
3. Pavement markings detailed are proposed and are to be installed by the contractor in accordance with S.H.A. standards. All other pavement markings are existing.
4. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies 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 equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.
5. This is a revision to the orginal installed in June of 1996 under Contract No. BW887M81.

CHARLES COUNTY GOVERNMENT
DEPARTMENT OF PLANNING & GROWTH MANAGEMENT
CAPITAL IMPROVEMENT PROJECTS DEPARTMENT
APPROVED

CATEGORY	BY	DATE
☐ Water & Sewer		/ /
☐ Transportation		/ /
☐ Stormwater Management		/ /
☐ Storm Drainage		/ /
☐ Grading		/ /
☐ Floodplains		/ /
☐ COMMENTS:		/ /

PGM # VR 96-0022

REVISION - "A"

STREET TRAFFIC STUDIES, LTD.
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3015

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
D — STORM DRAIN
A — AERIAL CABLES
T — TELEPHONE CABLES

REVISIONS

(A) 8-29-96 ADD WEST LEG, N.B. E/P LEFT TURN PHASE
S.H.A. BW923M82
RRZ

APPROVALS

ASST. DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. DISTRICT ENGINEER - TRAFFIC
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MDOT - STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

DRAWN BY: J. Dirndorfer
DES. BY: J. Dirndorfer
CHK. BY:

(Traffic Signal Plan)
WESTERN PARKWAY AT TARGET STORE/WEYMOUTH COURT
COUNTY: CHARLES
LOG MILE *

DATE: May 3, 1996
SCALE: 1" = 20'
F.A.P. NO. N/A
S.H.A. NO. BW887M81
TS/STD. NO. 3607-A
SHEET NO. 18 of 20