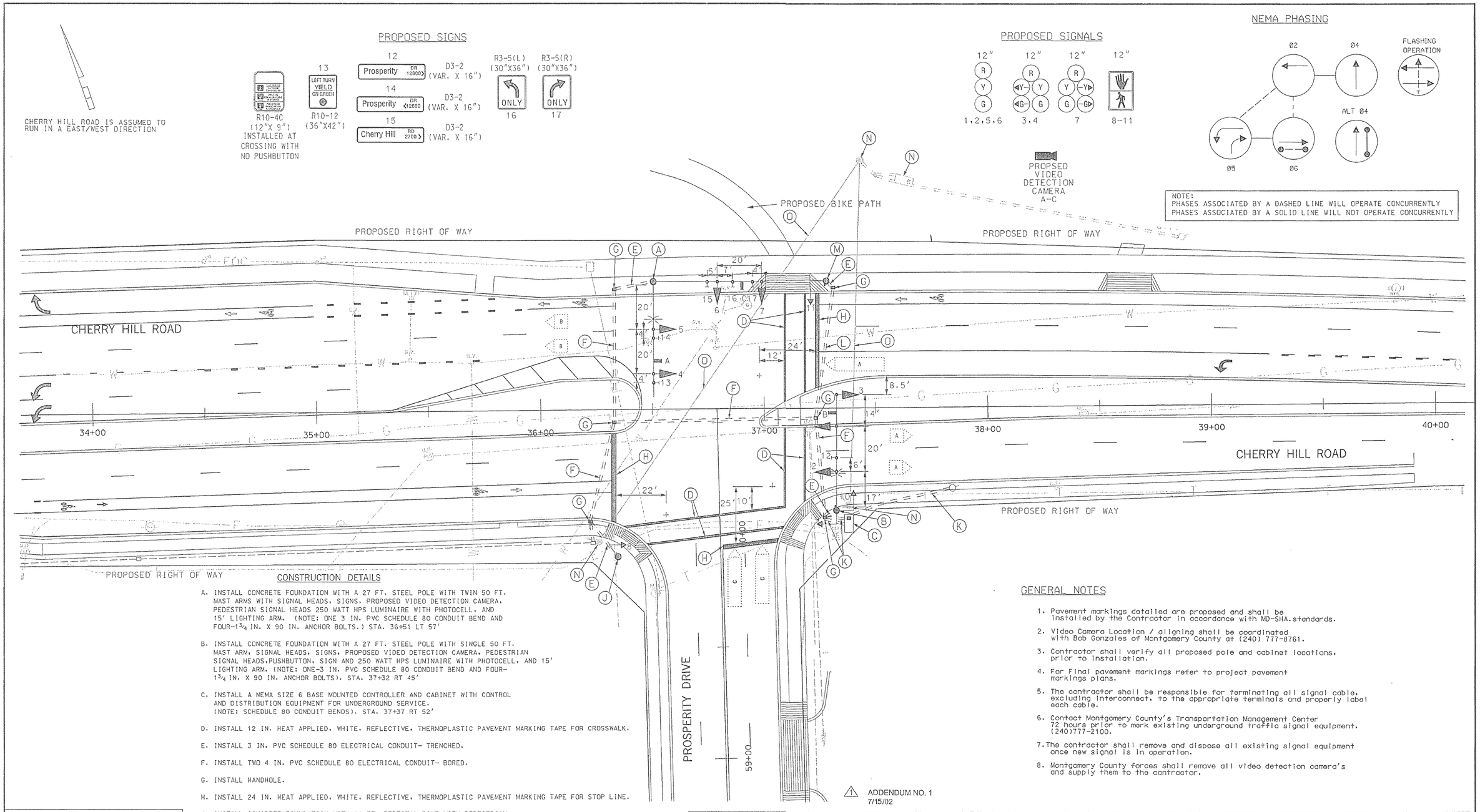

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, PROPOSED VIDEO DETECTION CAMERA, PEDESTRIAN SIGNAL HEADS 250 WATT HPS LUMINAIRE WITH PHOTOCELL, AND 15' LIGHTING ARM. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR-1¾ IN. X 90 IN. ANCHOR BOLTS.) STA. 36+51 LT 57'

B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, PROPOSED VIDEO DETECTION CAMERA, PEDESTRIAN SIGNAL HEADS,PUSHBUTTON, SIGN AND 250 WATT HPS LUMINAIRE WITH PHOTOCELL, AND 15' LIGHTING ARM. (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR-1¾ IN. X 90 IN. ANCHOR BOLTS). STA. 37+32 RT 45'

C. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: SCHEDULE 80 CONDUIT BENDS). STA. 37+37 RT 52'

D. INSTALL 12 IN. HEAT APPLIED, WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.

E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- TRENCHED.

F. INSTALL TWO 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- BORED.

G. INSTALL HANDHOLE.

H. INSTALL 24 IN. HEAT APPLIED, WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.

J. INSTALL CONCRETE FOUNDATION WITH 10 FT. PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR - 1 IN. X 40 IN. ANCHOR BOLTS). STA. 36+34 RT 66'

K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

L. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED

M. INSTALL CONCRETE FOUNDATION WITH 10 FT. PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR - 1 IN. X 40 IN. ANCHOR BOLTS) STA 37+28 LT 57'

N. THE CONTRACTOR SHALL REMOVE SIGNAL POLE AND/OR BASE MOUNTED CABINET AND BACKFILL 12" BELOW GRADE.

O. THE CONTRACTOR SHALL REMOVE SPAN WIRE AND ALL ASSOCIATED WIRING AND EQUIPMENT.

GENERAL NOTES

1. Pavement markings detailed are proposed and shall be installed by the Contractor in accordance with MD-SHA.standards.
2. Video Camera Location / aligning shall be coordinated with Bob Gonzales of Montgomery County at (240) 777-8761.
3. Contractor shall verify all proposed pole and cabinet locations, prior to installation.
4. For Final pavement markings refer to project pavement markings plans.
5. The contractor shall be responsible for terminating all signal cable, excluding interconnect, to the appropriate terminals and properly label each cable.
6. Contact Montgomery County's Transportation Management Center 72 hours prior to mark existing underground traffic signal equipment. (240)777-2100.
7. The contractor shall remove and dispose all existing signal equipment once new signal is in operation.
8. Montgomery County forces shall remove all video detection camera's and supply them to the contractor.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD—SD	STORM DRAIN
G—G	GAS MAIN
W—W	WATER MAIN
S—S	SEWER MAIN
E—E	ELECTRIC CABLES
A—A	AERIAL CABLES
T—T	TELEPHONE CABLES
C—T C—T	CABLE TV

MONTGOMERY COUNTY
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED BY _____ CHIEF, TRANS. SYSTEM MANAGEMENT SECTION
REVIEWED BY _____ ENGINEERING SERVICES SPECIALIST DIV. OF TRANSP. AND PARKING SERVICES
APPROVED BY _____ CHIEF, DIV. OF TRAFFIC AND PARKING SERVICES

Original on File

SABRA, WANG & ASSOCIATES, INC.
1500 JOH AVENUE
SUITE 180
BALTIMORE, MD 21227
WWW.SABRA-WANG.COM

REVISIONS

© Reconstruct signal due to interchange improvements 7/02

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

Original on File

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

CHERRY HILL ROAD AT PROSPERITY DRIVE

Ultimate

DRAWN BY:	JAMES ALLEN Jr.	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	JAA 7/8/02	S.H.A. NO.	M0836517O	4116 C	
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO.	
DATE:	APRIL, 2002	LOG MILE:		F 142	293 OF 337

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