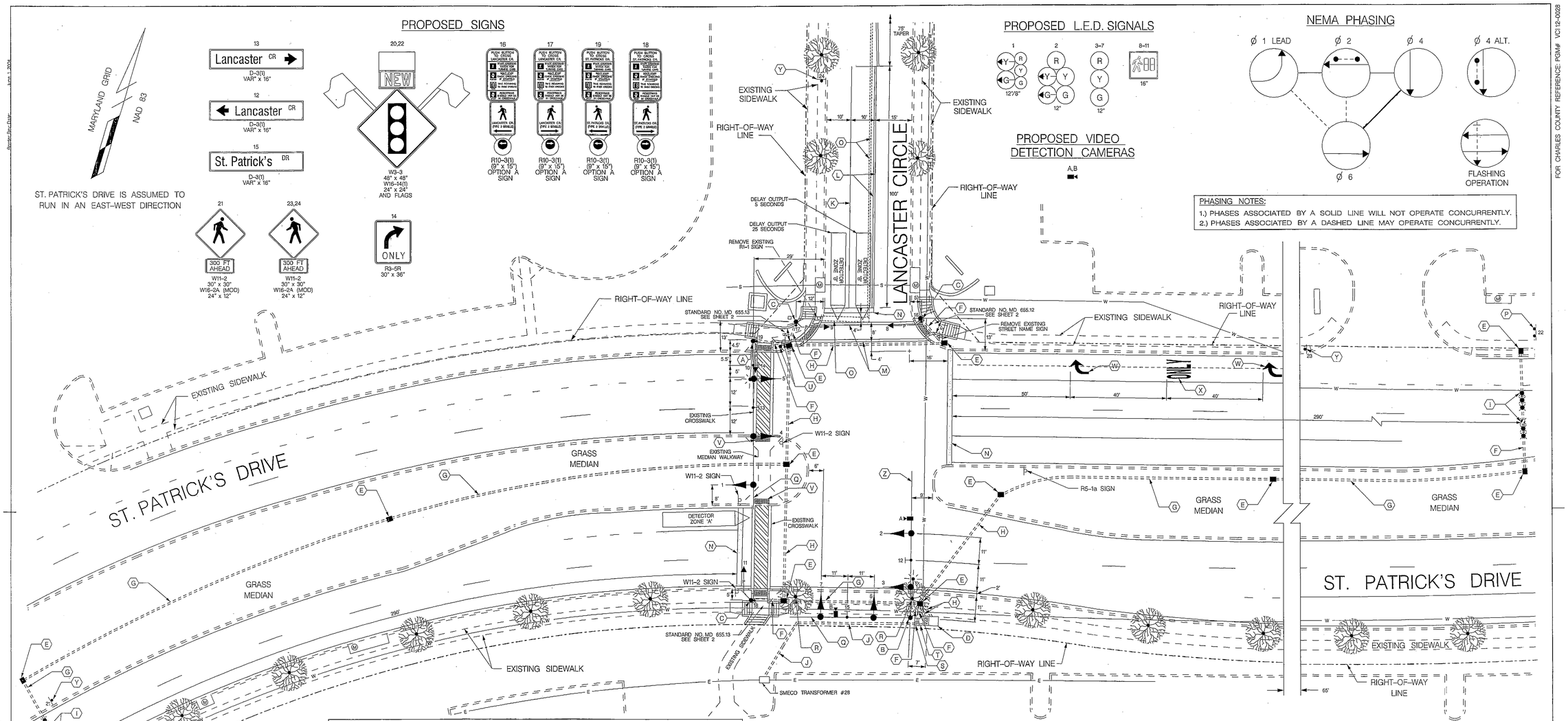

CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE, PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN (NOTE: INSTALL 2-3 IN. SCHEDULE 80, RIGID PVC, 90 DEGREE CONDUIT BENDS)
B. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, SIGNS, 15 FT. STREET LIGHTING ARM WITH A 250 WATT HPSV LUMINAIRE AND VIDEO DETECTION CAMERAS (NOTE: INSTALL 2-3 IN. SCHEDULE 80, RIGID RIGID PVC, 90 DEGREE CONDUIT BENDS)
C. INSTALL 10 FT. PEDESTAL POLE POLE WITH PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN (NOTE: INSTALL 1-3 IN. SCHEDULE 80, RIGID PVC, 90 DEGREE CONDUIT BEND)
D. INSTALL BASE MOUNTED CABINET (B-TYPE WITH BATTERY BACKUP) AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, RIGID PVC, 90 DEGREE CONDUIT BENDS)
E. INSTALL ELECTRICAL HANDHOLE
F. INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT- BORED
G. INSTALL 4 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT - TRENCHED
H. INSTALL 4 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT- BORED
I. INSTALL NON-INVASIVE, MICRO-LOOP PROBE - SET OF 3
J. INSTALL 4 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT- TRENCHED- POWER BY SMECO
K. INSTALL 5 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
L. INSTALL 5 IN. SOLID YELLOW, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
M. INSTALL 12 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
N. ~~INSTALL 24 IN. SOLID WHITE, HEAT~~ APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
O. REMOVE EXISTING PAVEMENT MARKING LINE
P. INSTALL W3-3 SIGN APPPROXIMATELY 400' IN ADVANCE OF T-JT STOPBAR ON TWO-4 IN. X 6 IN. WOOD SUPPORTS
Q. CUT, CLEAN, GALVANIZE AND CAP MAST ARM
R. REMOVE EXISTING TREE TO FACILITATE SIGHT DISTANCE
S. INSTALL METERED SERVICE PEDESTAL
T. INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT - TRENCHED
U. RELOCATE EXISTING W11-2 SIGN
V. INSTALL DETECTABLE WARNING SURFACE - STANDARD NO. MD 655.40
W. INSTALL WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW
X. INSTALL WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING "ONLY"
Y. INSTALL W11-2 SIGN APPPROXIMATELY 300' IN ADVANCE OF THE STOPBAR ON ONE-4 IN. X 4 IN. WOOD SUPPORT
Z. INSTALL ELECTRICAL CABLE 7 - CONDUCTOR (NO. 14 A.W.G.) TO THIS POINT FOR FUTURE SIGNAL HEAD

GENERAL NOTES

1. THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
3. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THTE INSTALLATION OF ALL SIGNAL EQUIPMENT.
4. ALL INTERNAL CABINET WIRING TO BE PERFORMED BY THE STATE HIGHWAY ADMINISTRATION SIGNAL SHOP.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

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Wednesday, July 18, 2012 AT 11:01 AM

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APPROVALS	REVISIONS
TEAM LEADER 7-19-12	
ASST. DIV. CHIEF 7.19.12	
DIVISION CHIEF 7/23/12	
OFFICE DIRECTOR	

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DATE: Wednesday, July 18, 2012 AT 11:01 AM

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

ST. PATRICK'S DRIVE AND LANCASTER CIRCLE

WALDORF , MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE	1"=20'	DATE	6-28-12
CONTRACT NO.	BW996M82		
DESIGNED BY	T. ZAYDEL	COUNTY	CHARLES
DRAWN BY	T. ZAYDEL	LOGMILE	08000000.79
CHECKED BY	K. SCHMID	T.I.M.S. NO.	L-312
F.A.P. NO.	N/A	TCD NO.	
DRAWING NO. TS-- 4861		SHEET NO. 1 OF 3	

FOR CHARLES COUNTY REFERENCE: PGM# VCI 12-0028

DRILL HOLES
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