

**GENERAL NOTES:**

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH ADMINISTRATION STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY SHA FORCES.
4. 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 THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
5. 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 CLEARANCES AS SPECIFIED IN THE APPROPRIATE 800 SERIES STANDARD PLATES. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
6. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
7. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
8. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
9. THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE ADMINISTRATION AFTER NOTIFICATION BY THE ENGINEER.
10. THE CONTRACTOR SHALL REPLACE ALL CONCRETE SIDEWALK AND CURB IN KIND DUE TO DAMAGE FROM THE INSTALLATION OF CONDUIT, POLE FOUNDATIONS AND/OR HANDHOLES.
11. THE CONTRACTOR SHALL NOT BLOCK VIEW OF EXISTING SIGNAL INDICATIONS DURING INSTALLATION OF MAST ARM. IF NEW MAST ARM CANNOT BE INSTALLED DUE TO CONFLICT WITH EXISTING SIGNAL INDICATIONS OR SPAN WIRE, A SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
12. THE CONTRACTOR SHALL COORDINATE WITH SHA TRAFFIC OPERATION DIVISION TO CONTACT LOCAL POWER COMPANY TO SET-UP WORK TO DISCONNECT THE EXISTING ELECTRICAL SERVICE AND HAVE NEW SERVICE ENERGIZED.
13. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCCELL.

**APS NOTES:**

1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"x60" LEVEL LANDING AREA WITH A CROSS SLOPE LESS THAN OR EQUAL TO 2%.
2. THE 10' MINIMUM SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER OF POLE TO CENTER OF POLE.
3. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.08 AND 4E.10 AND FIGURES 4E-3 AND 4E-4 AND THE NCHRP PUBLICATION, ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE. IF NOT MET THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATION UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

**CONTACTS**

**DISTRICT (DISTRICT 5)**

MR. LEE STARKLOFF  
DISTRICT ENGINEER  
410-841-1001

MS. KIMBERLY TRAN  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
410-841-1019

MR. MIKE HUBER  
DISTRICT UTILITY ENGINEER  
410-841-1039

MR. JAMES FOLDEN  
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
410-841-1031

MR. JOE GECKLE  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
410-841-1013

**OFFICE OF TRAFFIC AND SAFETY**

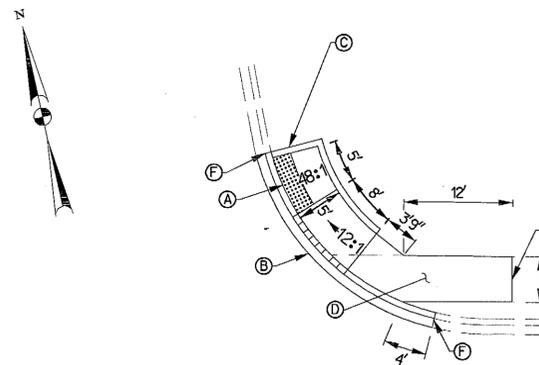
MS. CORREN JOHNSON  
CHIEF, TRAFFIC OPERATIONS  
410-787-7630

MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS  
410-787-7630

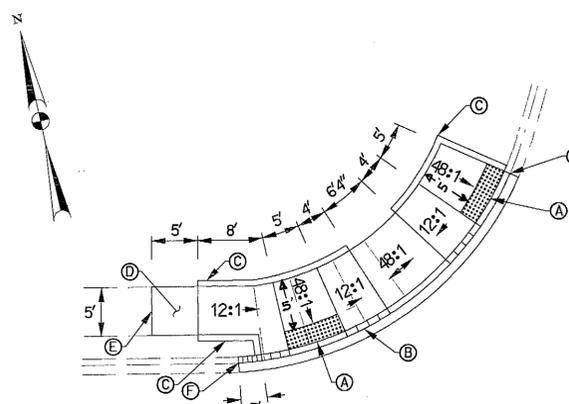
MR. EDWARD RODENHIZER  
CHIEF, SIGNAL OPERATIONS SECTION  
410-787-7650

MR. EUGENE BAILEY  
CHIEF, SIGN OPERATIONS SECTION  
410-787-7670

MR. MICHAEL STOCKER  
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)  
410-787-7696



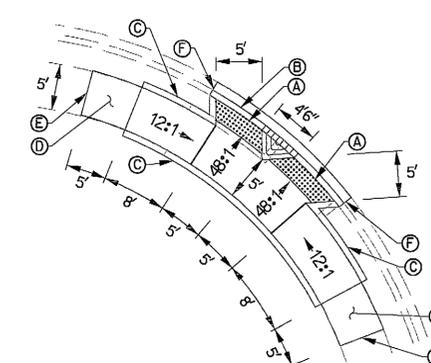
**NORTHEAST CORNER DETAIL**



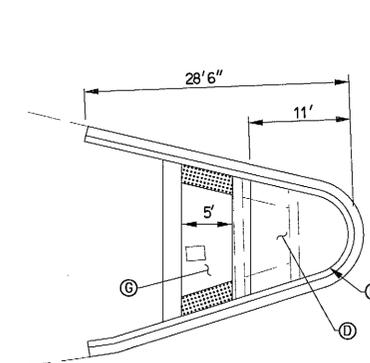
**NORTHWEST CORNER DETAIL**

**CONSTRUCTION DETAILS:**

- A. INSTALL SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE (MD 655.40)
- B. INSTALL TYPE 'A' CURB AND GUTTER
- C. INSTALL TYPE 'A' CURB
- D. INSTALL 5" SIDEWALK
- E. MATCH EXISTING SIDEWALK
- F. MATCH EXISTING CURB & GUTTER
- G. INSTALL RAMPED MEDIAN OPENING (MD STD NO 655.22) WITH DETECTABLE WARNING SURFACE (MD 655.40)



**SOUTHWEST CORNER DETAIL**



**WEST MEDIAN DETAIL**

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 198 (LAUREL-FORT MEADE RD) & OLD LINE AVE  
LAURELDALE DR  
LAUREL, MD

**GEOMETRIC DETAIL SHEET**

SCALE 1"=10' DATE 3-31-13 CONTRACT NO. XY1515185

DESIGNED BY MAW COUNTY ANNE ARUNDEL  
DRAWN BY MAW LOGMILE 02019800.83  
CHECKED BY KMP TMS NO. L826  
F.A.P. NO. SEE TITLE SHEET TOD NO.

**PARSONS BRINCKERHOFF**  
100 S. Charles Street  
Tower 1, 10th Floor  
Baltimore, MD 21201  
(Ph) 410-787-5050  
(Fax) 410-727-4608  
http://www.pbworld.com

TS NO. 916E-DE DRAWING SG-02 OF 03 SHEET NO. 2 OF 3

**GEOMETRIC LEGEND**

--- EXISTING  
--- PROPOSED

--- PROPOSED SIDEWALK

NOTE:  
SIDEWALK JOINTS SHOWN  
ARE APPROXIMATE.

BY: WagnerM - BORDER REV: DATE: JUNE 1, 2004