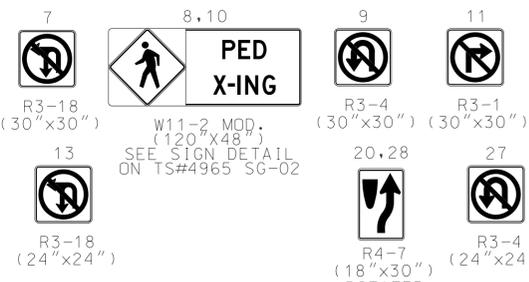
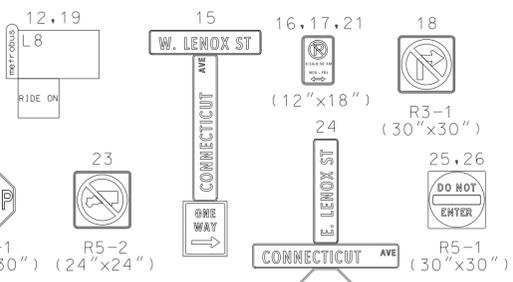


MD 185 IS ASSUMED TO RUN IN AN NORTH/SOUTH DIRECTION

PROPOSED SIGNS



EXISTING SIGNS TO REMAIN



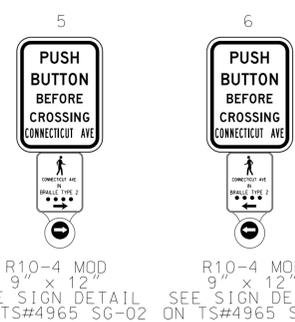
EXISTING SIGNS TO BE REMOVED



PROPOSED LED SIGNALS



PROPOSED PUSHBUTTON AND SIGN



NEMA PHASING



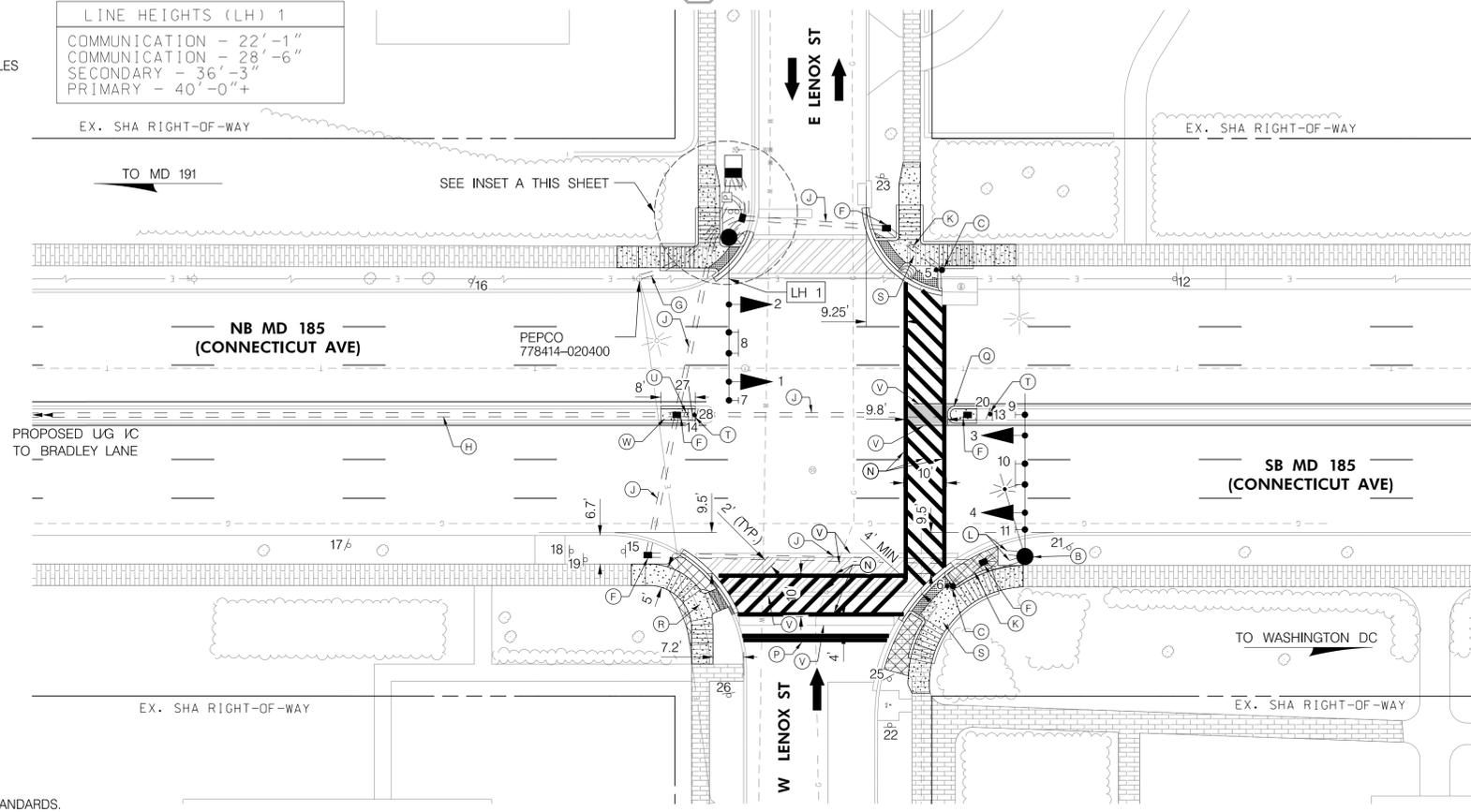
NOTE: ALTERNATE FLASHING YELLOW WHEN ACTIVATED.

GENERAL NOTES:

- MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MDSA STANDARD TYPICALS FOR TRAFFIC CONTROL.
- THE CONTRACTOR SHALL VERIFY ALL RAMP, PUSHBUTTON, CABINET AND POLE LOCATIONS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO APPROPRIATE TERMINALS AND PROPERLY LABELING ALL SIGNAL CABLES. MONTGOMERY COUNTY FORCES WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING, DISCONNECTION AND SPLICING OF INTERCONNECT.
- THE CONTRACTOR IS TO REMOVE AND REPLACE THE CONCRETE SIDEWALK TO THE NEAREST JOINT.
- THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL SIGNAL POLE FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
- IF THE LOCATION OF THE PEDESTRIAN SIGNAL PUSHBUTTONS MUST BE CHANGED, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER TO OBTAIN APPROVAL FOR THE NEW LOCATION TO ENSURE MUTCD SEC 4E.08, 4E.10, FIG. 4E-3, 4E-4 AND ALL NCHRP REQUIREMENTS ARE MET. ALL WORK MUST BE HALTED UNTIL THE PROJECT ENGINEER HAS OBTAINED AN APPROVED LOCATION OR A DESIGN WAIVER IS OBTAINED.
- THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
- PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- THE CONTRACTOR SHALL INTEGRATE PROPOSED EXISTING CONCRETE FOUNDATIONS WITH NEW CURB/SIDEWALK RAMPS WHERE NECESSARY.
- PROPOSED DETECTABLE WARNING SURFACE SHALL BE RED IN COLOR.
- PLACE 24 IN. WIDE DETECTABLE WARNING SURFACE ALONG THE FULLY DEPRESSED PORTION OF THE PROPOSED RAMPS. THE MAT SHALL NOT EXTEND ONTO THE SIDE FLARES.
- CONTRACTOR IS TO MAINTAIN PEDESTRIAN ACCESS DURING CONSTRUCTION STAGES.
- ALL CROSSWALK DIMENSIONS ARE MEASURED FROM EDGE TO EDGE.
- PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR FROM A 60" X 60" LEVEL LANDING AREA WITHOUT NEEDING TO REACH MORE THAN 18". A LEVEL LANDING AREA IS AN AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
- THE CONTRACTOR SHALL INSTALL APS PUSHBUTTON AND C.C.U. AND MONTGOMERY COUNTY FORCES SHALL PROGRAM THE APS MESSAGE IN THE FIELD.
- THE CONTRACTOR SHALL NOTIFY MR. KAMAL HAMUD 72 HOURS IN ADVANCE OF INTENDED WORK.
- ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
- ALL CURB SHALL BE PAID FOR AS TYPE A CURB AND GUTTER.
- ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.

LINE HEIGHTS (LH) 1

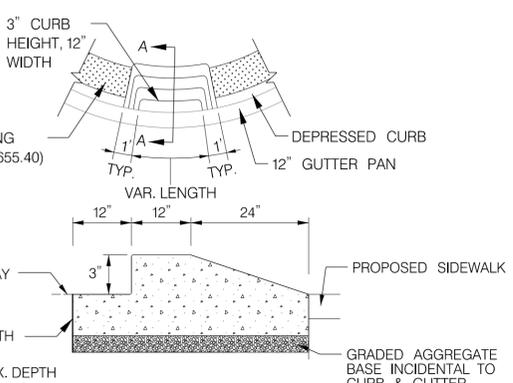
COMMUNICATION	22'-1"
COMMUNICATION	28'-6"
SECONDARY	36'-3"
PRIMARY	40'-0"+



CONSTRUCTION NOTES:

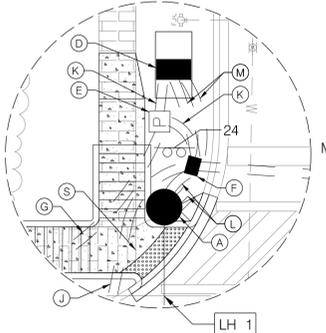
- INSTALL CONCRETE FOUNDATION WITH A 16.5 FT. (15'-0" T) STEEL POLE (SHA STD. 818.13-01) WITH 50 FT. 60 FT. TWIN MAST ARMS (CUT 60 FT. MAST ARM OVER MD 185 TO 38 FT. DO NOT INSTALL 50 FT. MAST ARM OVER LENOX ST. COVER OPEN FLANGE WITH STEEL PLATE.) WITH LED SIGNAL HEADS AND SIGNS. (NOTE: 2-3 IN. PVC SCHEDULE 80 CONDUIT WITH 90 DEGREE BEND).
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 50 FT. 60 FT. MAST ARMS (CUT 50 FT. MAST ARM OVER MD 185 TO 38 FT. DO NOT INSTALL 60 FT. MAST ARM OVER LENOX ST. COVER OPEN FLANGE WITH STEEL PLATE.) WITH LED SIGNAL HEADS, SIGNS, 15 FT. LIGHTING ARM AND LED LUMINAIRE WITH PHOTOCELL. (NOTE: 2-3 IN. PVC SCHEDULE 80 CONDUIT WITH 90 DEGREE BEND).
- INSTALL 5 FT. PEDESTAL POLE (SHA STD. 801.01-01), MODEL 'X' PEDESTRIAN PUSHBUTTON (NOTE: 1-2 IN. SCHEDULE 80-90 DEGREE PVC BEND).
- INSTALL NEMA TYPE 'S' BASE MOUNTED CABINET ON EXTENDER BASE AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE 2-2 IN. AND 2-4 IN. SCHEDULE 80-90 DEGREE PVC BENDS).
- INSTALL 100 AMP METERED SERVICE PEDESTAL. (NOTE 1-4 IN. AND 3-2 IN. SCH. 80 PVC BENDS)
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND POWER SERVICE. CAP AND MARK CONDUIT, LEAVE A 1 FT. STUB AT BASE OF UTILITY POLE WITH 40 FT. OF CABLE EACH COILED AT BASE.
- INSTALL 3 IN. ELECTRICAL CONDUIT (BORED) PER INTERCONNECT PLAN.
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED).
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (FOR CROSSWALK).
- INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (FOR STOP LINE).
- RECONSTRUCT EXISTING ROADWAY MEDIAN. SEE DETAIL ON SHEET SG-02.
- REMOVE EXISTING SIDEWALK RAMP AND CONSTRUCT MD STD. 655.13 SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE (RED IN COLOR) MD STD. 655.40.
- INSTALL PEDESTRIAN RAMP PER DETAIL THIS SHEET.
- INSTALL PROPOSED SIGNS ON 4 IN. X 4 IN. WOOD POST.
- REMOVE EXISTING SIGN
- REMOVE EXISTING PAVEMENT MARKINGS.
- RECONSTRUCT EXISTING ROADWAY MEDIAN. SEE DETAIL ON SHEET SG-03.

DIVIDER CURB DETAIL N.T.S.

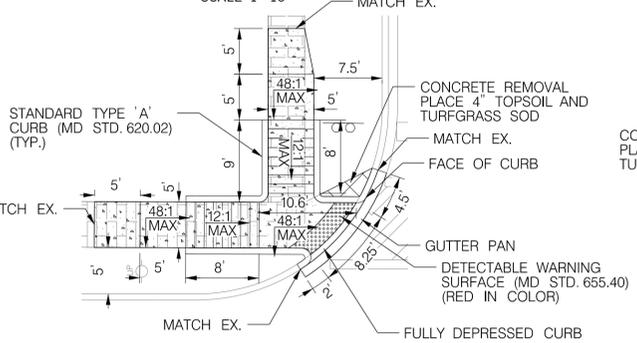


SECTION A-A (SEE DIVIDER CURB DETAIL THIS SHEET) N.T.S.

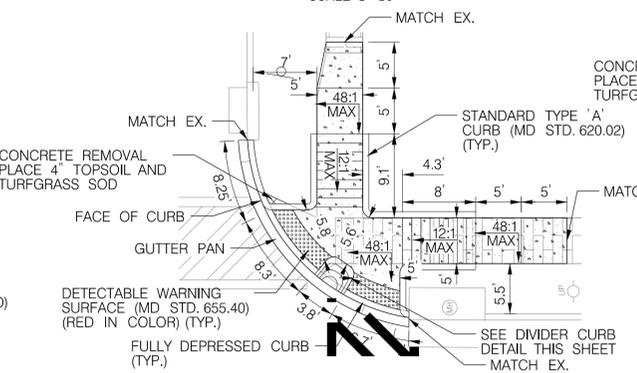
INSET A SCALE 1"=10"



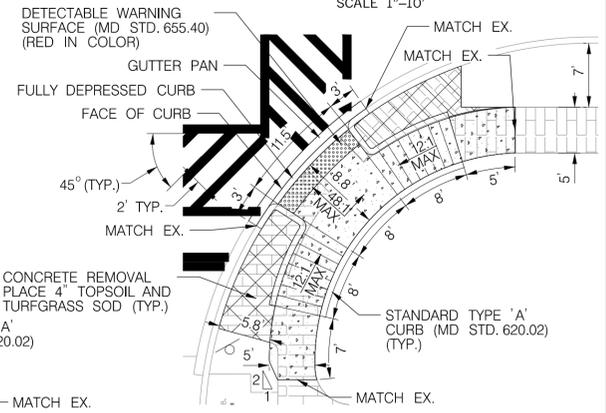
RAMP DETAIL A SCALE 1"=10"



RAMP DETAIL B SCALE 1"=10"



RAMP DETAIL C SCALE 1"=10"



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
F	F	FIBER-OPTIC

APPROVALS

TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION
MD 185 (CONNECTICUT AVENUE) & LENOX STREET
CHEVY CHASE VILLAGE, MARYLAND

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE MARCH 2015 CONTRACT NO. XY1285185

DESIGNED BY	J. GORDON	COUNTY	MONTGOMERY
DRAWN BY	J. GORDON	LOGMILE	15018500.22
CHECKED BY	P. WESTCOTT	TIMS NO.	M652
F.A.P. NO.		TOD NO.	

TS NO. 4965 DRAWING SG-01 OF 04 SHEET NO. 01 OF 04

BY: Jermaine

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE CONSTRUCTION OF A PEDESTRIAN HIB WITH INTERCONNECT AND INTERSECTION LIGHTING AT THE INTERSECTION OF MD 185 (CONNECTICUT AVENUE) AND LENOX STREET IN MONTGOMERY COUNTY. INSTALLATION OF NEW PEDESTAL POLES WITH MODEL 'X' PEDESTRIAN PUSHBUTTON IS PROPOSED ALONG THE SOUTH LEG OF THE INTERSECTION. MODIFICATION OF THE EXISTING PEDESTRIAN RAMPS IS PROPOSED TO MEET CURRENT ADA REQUIREMENTS. ADDITIONAL GEOMETRIC IMPROVEMENTS ARE ALSO PROPOSED.

MD 185 (CONNECTICUT AVENUE) IS ASSUMED TO RUN IN AN NORTH/SOUTH DIRECTION.

INTERSECTION OPERATION

DURING NORMAL OPERATIONS THE SIGNAL WILL REMAIN DARK. WHEN A PUSHBUTTON IS ACTUATED THE INTERSECTION WILL OPERATE WITH ALTERNATELY FLASHING OPERATION MODE.

INTERCONNECT

THE PROPOSED INTERCONNECT FOR MD 185 AT LENOX ST WILL RUN UNDERGROUND IN THE MEDIAN ALONG CONNECTICUT AVENUE. A SINGLE PIECE OF 12-PAIR CABLE WILL BE PROPOSED FROM THE PROPOSED CABINET AT MD 185 AT LENOX ST AND WILL BE SPLICED INTO EXISTING INTERCONNECT INSIDE THE EXISTING CABINET AT THE INTERSECTION OF MD 185 AND BRADLEY LANE.

APS OPERATION

FOR MD 185 (CONNECTICUT AVENUE)
 A. WHEN PEDESTRIAN LOCATES AND PRESSES PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT MESSAGE WILL ANNOUNCE THE FOLLOWING MESSAGE "YELLOW FLASHERS ACTIVATED FOR CONNECTICUT. CROSS WITH CAUTION" FOR THE DURATION OF THE FLASHER ACTIVATION.

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

Mr. Brian Young
 District Engineer
 Phone: 301-513-7311

Ms. Anyesha Mookherjee
 Assistant District Engineer - Traffic (Montgomery County)
 Phone: 301-513-7409

VACANT
 District Utility Engineer
 Phone: 301-513-7350

Mr. Tom Fountain
 Assistant District Engineer - Maintenance
 Phone: 301-513-7304

Mr. Duane Bernard/ Mr. Victor Grafton
 Assistant District Engineer - Construction
 Phone: 301-513-7341/301-513-7385

THE CONTACT PERSONS FOR THE OFFICE OF TRAFFIC AND SAFETY ARE AS FOLLOWS:

Ms. Corren Johnson
 Chief, Traffic Operations Division
 Phone: 410-787-7630

Mr. Ed Rodenhizer
 Chief, Signal Operations
 Phone: 710-787-7650

Mr. Eugene Bailey
 Chief, Sign Operations
 Phone: 410-787-7670

Mr. Michael Boyle
 Signal Shop Supply Officer
 Phone: 410-787-7673

THE CONTACT PERSONS FOR MONTGOMERY COUNTY ARE AS FOLLOWS:

Mr. Greg Whitener & Mr. Steve Young
 Montgomery County Signal Operations Manager
 Phone: 301-279-1291

Mr. Kamal Hamud
 Montgomery County TMC Center
 Phone: 240-777-8761

The Power Company Representative is:
 Potomac Electric Power Company
 Mr. Jack Chu
 201 West Gude Drive
 Rockville, Maryland 20850
 Phone: 301-548-4332

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY SHA.

ITEM NO.	QUANTITY	DESCRIPTION
9104	1 EA	CONTROLLER CABINET, SIZE "S" WITH CONTROLLER
9109	1 EA	CABINET EXTENSION BASE, SIZE "S"
9110	1 EA	UPS EQUIPMENT FOR "S" CABINET
9570	16 SF	SHEET ALUMINUM GROUND MOUNTED SIGN 1 EA R3-18 (24"x24") 2 EA R4-7 (18"x30") 1 EA R3-4 (24"x24")
9571	101 SF	SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN 1 EA R3-18 (30"x30") 2 EA W11-2 MOD (120"x48") 1 EA R3-4 (30"x30") 1 EA R3-1 (30"x30") 2 EA R4-10(MOD) (9"x12")

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

CONTRACT NO: XY1285185

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
2001	3 CY	CLASS 2 EXCAVATION
2002	3 CY	TEST PIT EXCAVATION
5003	290 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS
5004	535 LF	12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
5005	35 LF	24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
6001	205 LF	STANDARD TYPE A COMBINATION CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH DEPTH
6002	990 SF	5 INCH CONCRETE SIDEWALK
6003	75 SF	DETECTABLE WARNING SURFACE FOR CURB RAMPS
8001	4 EA	12 INCH LED SIGNAL HEAD SECTION
8009	2 EA	BREAKAWAY PEDESTAL POLE (ANY SIZE)
8012	1 EA	EMBEDDED METERED SERVICE PEDESTAL WITH BYPASS SWITCH
8014	1 EA	INSTALL CONTROLLER AND CABINET BASE MOUNT (ANY SIZE)
8026	2 EA	TWIN MAST ARM POLE & 50'/60' MAST ARMS ANY 'T' DIMENSION
8031	220 LF	1-CONDUCTOR ELECTRICAL CABLE, NO. 2/0 AWG/THWN
8035	300 LF	ELECTRICAL CABLE - 3-CONDUCTOR (NO. 12 AWG) TYPE T/C
8038	200 LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8040	200 LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8041	30 LF	WOOD SIGN SUPPORTS UP TO 4'X6'
8042	117 SF	INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)
8044	300 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8047	80 LF	ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG-THHN/THWN
8048	6 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8053	2 EA	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE
8057	45 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8058	400 LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
8066	1 EA	CONCRETE TESTING
8069	1 EA	FURNISH & INSTALL ANY SIZE LIGHTING ARM WITH LED COBRA HEAD
8071	2 TON	HOT MIX ASPHALT SUPERPAVE 9.5MM FOR SURFACE, PG64S-22, LEVEL-2
8072	350 LF	ELECTRICAL CABLE-8 CONDUCTOR (NO. 18 AWG), 600V COPPER TYPE T/C
8073	2 EA	MODEL 'X' AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION AND SIGNS
8074	1 EA	MODEL 'X' APS CENTRAL CONTROL UNIT

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

ITEM NO.	QUANTITY	DESCRIPTION
NONE	NONE	NONE

ALL REMOVED MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

SIZE	AREA	0.75 SF
WIDTH	9"	
HEIGHT	12"	
CORNER RADIUS	1.5"	
COLOR	LEGEND	BLACK
BACKGROUND	WHITE	
BORDER	WIDTH	0.375"
OFFSET	0.375"	

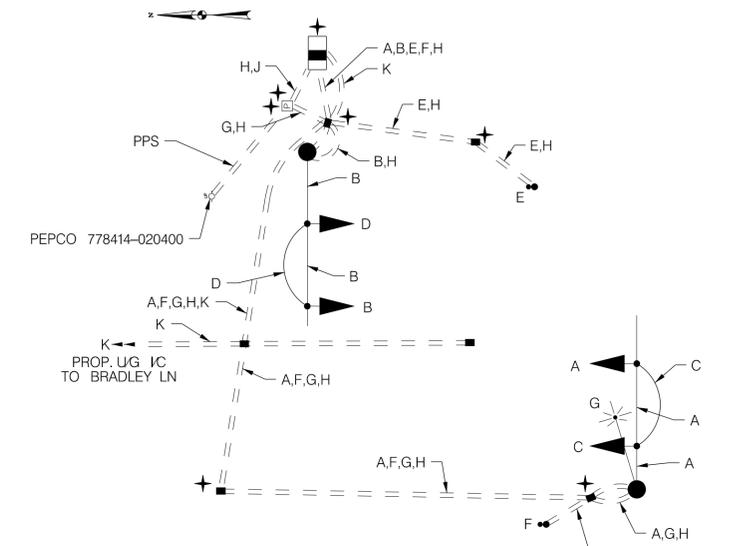
SIZE	AREA	40 SF
WIDTH	10'	
HEIGHT	4'	
COLOR	LEGEND	BLACK
BACKGROUND	FLUORESCENT YELLOW	
BORDER	WIDTH	1"
RADIUS	3"	
OFFSET	1"	
SYMBOL	TYPE/SIZE	PEDESTRIAN-SIZED FOR 36"X36" DIAMOND
LEGEND	BLACK	
BACKGROUND	FLUORESCENT YELLOW	

PHASE CHART

PHASE CHART	1	2	3	4
	Y	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y

* ALTERNATE FLASH PER DIRECTION WHEN ACTIVATED

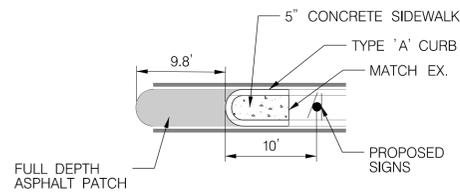
WIRING DIAGRAM



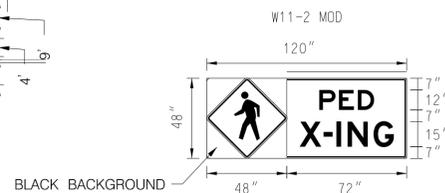
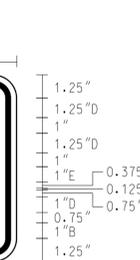
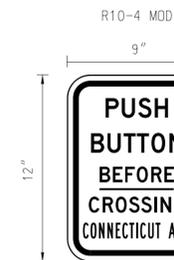
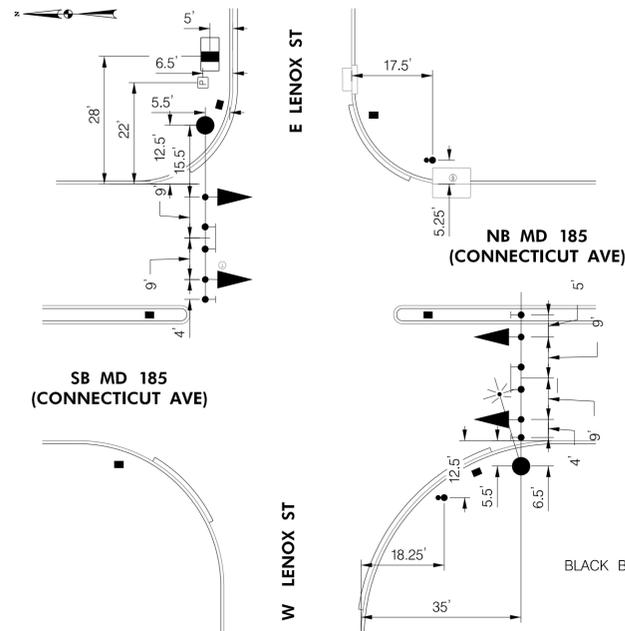
WIRING KEY

- A,B - ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
- C,D - ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
- E,F - ELECTRICAL CABLE - 8 CONDUCTOR (NO. 18 AWG)
- G - ELECTRICAL CABLE - 3 CONDUCTOR (NO. 12 AWG) TYPE T/C
- H - NO. 6 AWG STRANDED BARE COPPRE GROUND WIRE
- J - ELECTRICAL CABLE - 3-1 CONDUCTOR NO. 8 AWG-THIN/THWN
- K - PROPOSED 12 PAIR INTERCONNECT CABLE
- PPS - PROPOSED POWER SOURCE (ELECTRICAL CABLE - 1 CONDUCTOR, NO. 2/0 AWG/THWN, 3 WIRE. 3 RUNS WITH 3-40 FT COILS SLACK CABLE AT UTILITY POLE. FINAL SERVICE CONNECTIONS SHALL BE MADE BY PEPCO FORCES)
- PE - PROPOSED METERED SERVICE PEDESTAL
- ⊕ - 3/4 IN. X 10FT. GROUND ROD

ROADWAY MEDIAN DETAIL
 SCALE 1"=10'



SIGNAL LAYOUT
 SCALE 1"=20'



BY: Jermaine

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 185 (CONNECTICUT AVENUE) & LENOX STREET
 CHEVY CHASE VILLAGE, MARYLAND

RJM ENGINEERING

GENERAL INFORMATION SHEET

SCALE: _____ N.T.S. ADVERTISED DATE: MARCH 2015 CONTRACT NO. XY1285185

DESIGNED BY: J.GORDON COUNTY: MONTGOMERY
 DRAWN BY: J.GORDON LOGMILE: 15018500.22
 CHECKED BY: P.WESTCOTT TMS NO. M652
 F.A.P. NO. _____ TOD NO. _____

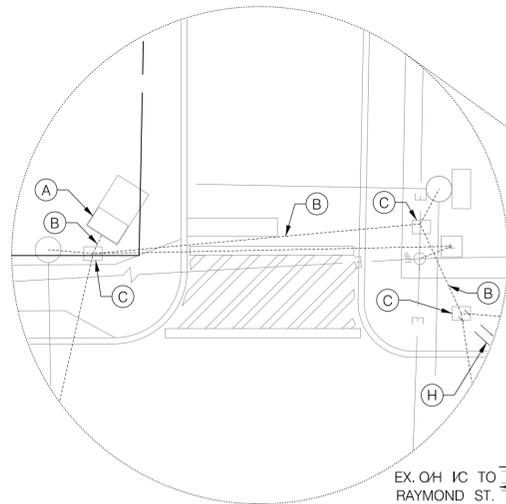
TS NO. 4965 DRAWING **SG-02** OF 04 SHEET NO. 02 OF 04



MD 185 IS ASSUMED TO RUN IN A
NORTHSOUTH DIRECTION

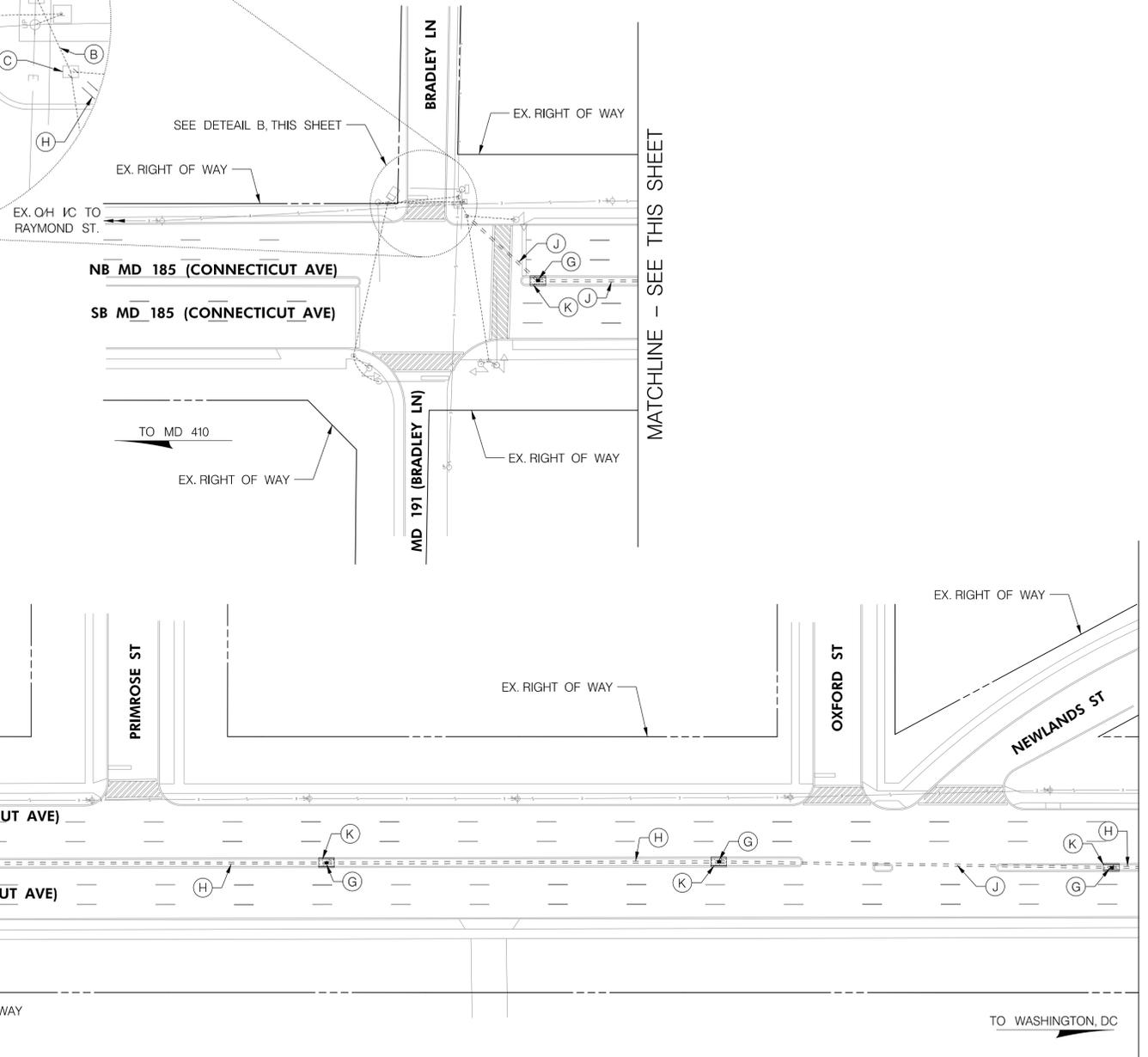
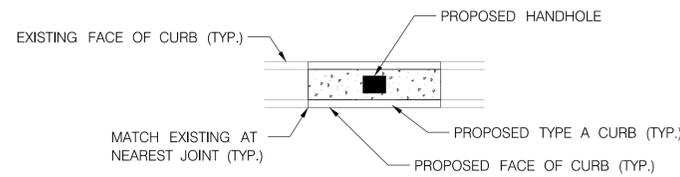
CONSTRUCTION NOTES

- A. USE EXISTING BASE MOUNTED CABINET.
- B. USE EXISTING CONDUIT.
- C. USE EXISTING HANDHOLE.
- D. USE PREVIOUSLY INSTALLED BASE MOUNTED CABINET.
- E. USE PREVIOUSLY INSTALLED CONDUIT.
- F. USE PREVIOUSLY INSTALLED HANDHOLE.
- G. INSTALL PROPOSED ELECTRICAL HANDHOLE
(SEE TYPICAL HANDHOLE IN MEDIAN DETAIL)
- H. INSTALL 3 INCH PVC SCHEDULE 80 CONDUIT - BORED.
- J. INSTALL 4 INCH PVC SCHEDULE 80 CONDUIT - BORED.
- K. REPLACE AFFECTED CONCRETE SIDEWALK AND CURB WITH
5 INCH CONCRETE SIDEWALK AND TYPE A CURB.



DETAIL B
SCALE 1" = 10'

TYPICAL HANDHOLE IN MEDIAN DETAIL
N.T.S.



MATCHLINE - SEE THIS SHEET

MATCHLINE - SEE SHEET IC-02

GENERAL NOTES:

1. DISCONNECTING AND SPLICING OF THE INTERCONNECT CABLE SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL RUN THE INTERCONNECT CABLE INTO THE BASE OF EACH CABINET AND PROPERLY TAG THE CABLE. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. CONTACT MR. KAMAL HAMUD AT (240) 777-8761 72 HOURS IN ADVANCE OF INTENDED WORK.
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 THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. ALL CURB SHALL BE PAID FOR AS TYPE A CURB AND GUTTER.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 185 (CONNECTICUT AVE) FROM LENOX ST TO MD 191 (BRADLEY LN)
CHEVY CHASE VILLAGE, MARYLAND



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
—F—	F	FIBER-OPTIC

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

INTERCONNECT PLAN

SCALE 1" = 40' ADVERTISED DATE MARCH 2015 CONTRACT NO. XY1285185

DESIGNED BY J.GORDON	COUNTY MONTGOMERY
DRAWN BY N.TURNER	LOGMILE 15018500.22
CHECKED BY P.WESTCOTT	TIMS NO. M652
F.A.P. NO.	TOD NO.

TS NO. 4965	DRAWING SG-03 OF 04	SHEET NO. 03 OF 04
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BY: Jermaine



MD 185 IS ASSUMED TO RUN IN A
NORTHSOUTH DIRECTION

EQUIPMENT LIST 'A'

CATEGORY CODE NO.	QUANTITY	DESCRIPTION
NONE	NONE	NONE

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
CONTRACT NO: XY1285185

ITEM NO.	QUANTITY	DESCRIPTION
8032	2400 LF	12-PAIR COMMUNICATION CABLE, SELF-SUPPORTING, JELLY-FILLED/UNDERGROUND
8038	2000 LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8048	10 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
6001	165 LF	STANDARD TYPE A COMBINATION CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH DEPTH
6002	265 SF	5 INCH CONCRETE SIDEWALK

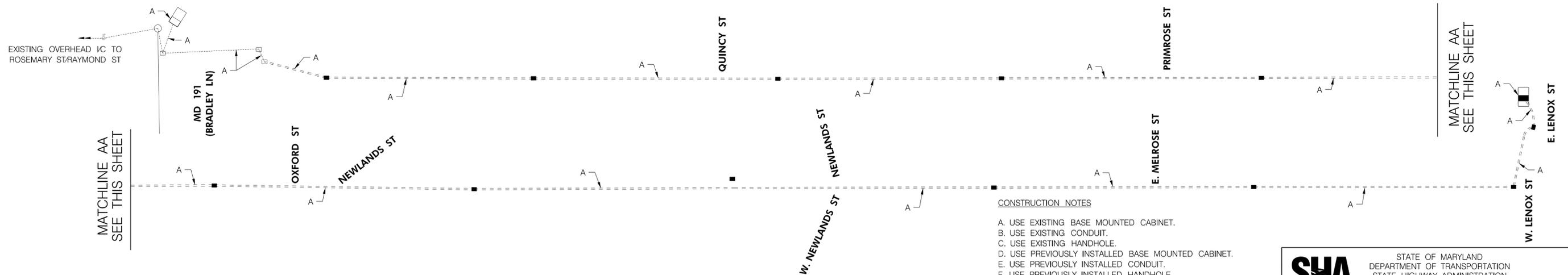
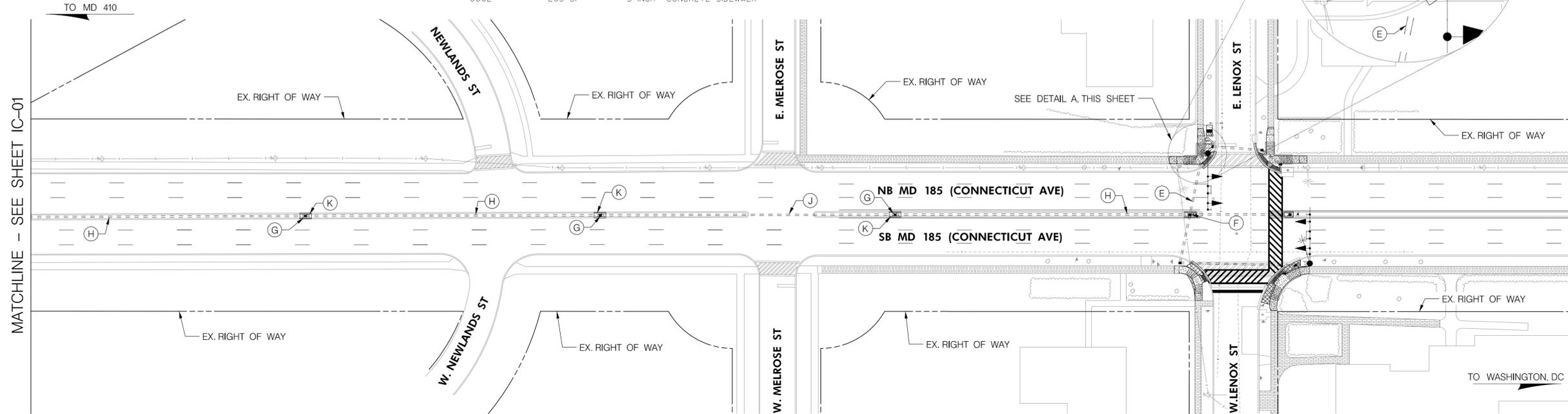
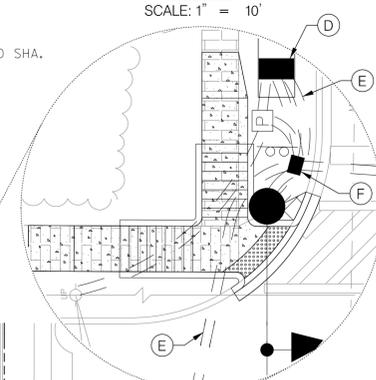
EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

CATEGORY CODE NO.	QUANTITY	DESCRIPTION
NONE	NONE	NONE

ALL REMOVED MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

DETAIL A
SCALE: 1" = 10'



CONSTRUCTION NOTES

- A. USE EXISTING BASE MOUNTED CABINET.
- B. USE EXISTING CONDUIT.
- C. USE EXISTING HANDHOLE.
- D. USE PREVIOUSLY INSTALLED BASE MOUNTED CABINET.
- E. USE PREVIOUSLY INSTALLED CONDUIT.
- F. USE PREVIOUSLY INSTALLED HANDHOLE.
- G. INSTALL PROPOSED ELECTRICAL HANDHOLE (SEE TYPICAL HANDHOLE IN MEDIAN DETAIL)
- H. INSTALL 3 INCH PVC SCHEDULE 80 CONDUIT - BORED.
- J. INSTALL 4 INCH PVC SCHEDULE 80 CONDUIT - BORED.
- K. REPLACE AFFECTED CONCRETE SIDEWALK AND CURB WITH 5 INCH CONCRETE SIDEWALK AND TYPE A CURB.

GENERAL NOTES:

- DISCONNECTING AND SPLICING OF THE INTERCONNECT CABLE SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL RUN THE INTERCONNECT CABLE INTO THE BASE OF EACH CABINET AND PROPERLY TAG THE CABLE. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. CONTACT MR. KAMAL HAMUD AT (240) 777-8761 72 HOURS IN ADVANCE OF INTENDED WORK.
- 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.
- ALL CURB SHALL BE PAID FOR AS TYPE A CURB AND GUTTER.

A - PROPOSED UNDERGROUND 12-PAIR COMMUNICATION CABLE (JELLYFILLED) INSTALLED FROM PROPOSED BASE MOUNTED CABINET AT MD 185 AND LENOX ST. TO EXISTING BASE MOUNTED CABINET AT MD 185 AND BRADLEY LN.



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
F	F	FIBER-OPTIC

APPROVALS

TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 185 (CONNECTICUT AVE) FROM LENOX ST TO MD 191 (BRADLEY LN)
CHEVY CHASE VILLAGE, MARYLAND

INTERCONNECT PLAN

SCALE 1" = 40' ADVERTISED DATE: MARCH 2015 CONTRACT NO. XY1285185	
DESIGNED BY: J.GORDON	COUNTY: MONTGOMERY
DRAWN BY: N.TURNER	LOGMILE: 15018500.22
CHECKED BY: P.WESTCOTT	TIMS NO.: M652
F.A.P. NO.:	TOD NO.:

TS NO. 4965	DRAWING SG-04 OF 04	SHEET NO. 04 OF 04
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PLOTTED: Tuesday, March 17, 2015 AT 11:38 AM
FILE: P:\SHA\MD 185 at Lenox\2-2015 PSE\p5G-C002_MD185_Lenox.dgn

BY: Jermaine