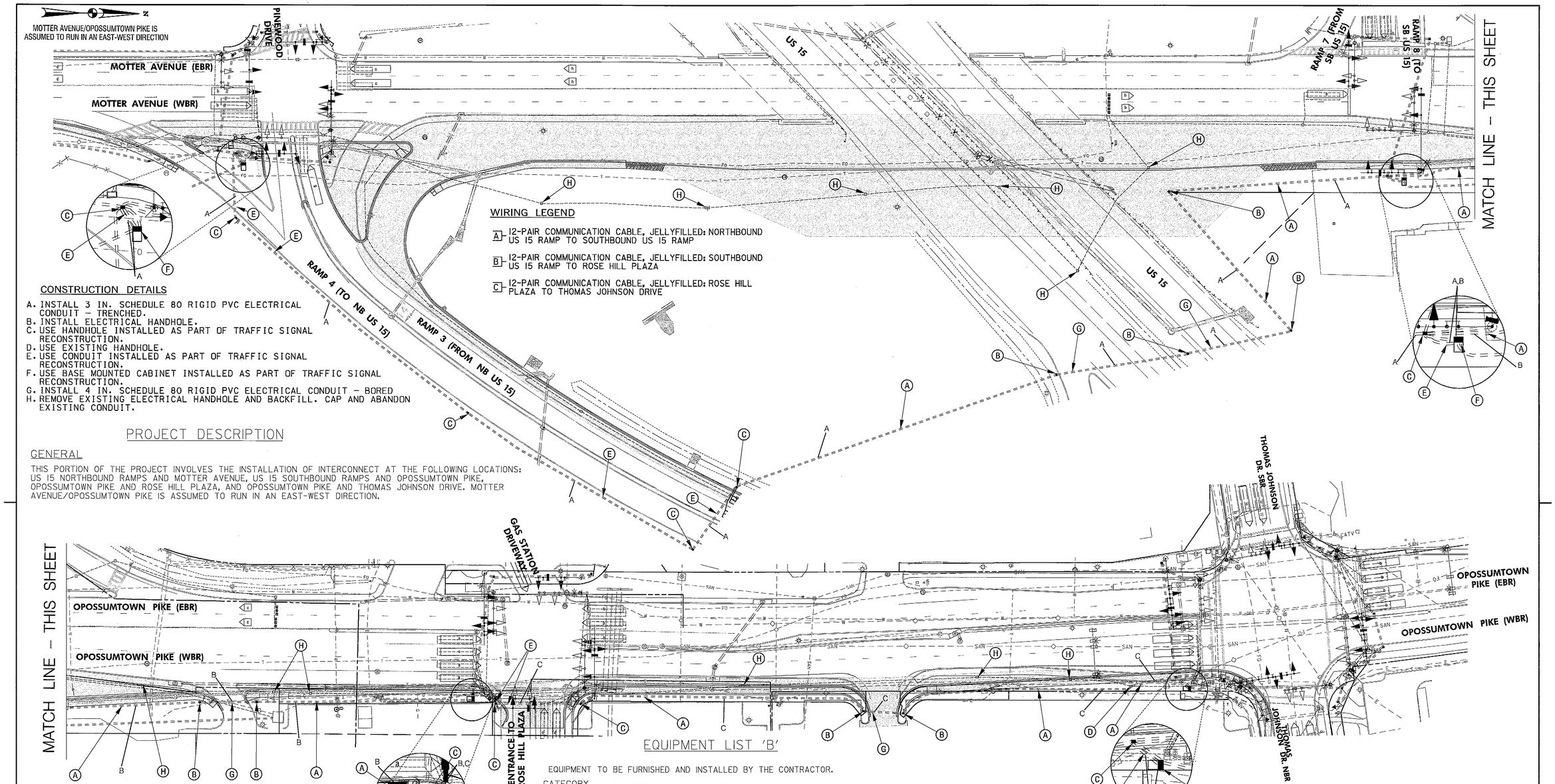

WIRING LEGEND

A 12-PAIR COMMUNICATION CABLE, JELLYFILLED: NORTHBOUND US 15 RAMP TO SOUTHBOUND US 15 RAMP

B 12-PAIR COMMUNICATION CABLE, JELLYFILLED: SOUTHBOUND US 15 RAMP TO ROSE HILL PLAZA

C 12-PAIR COMMUNICATION CABLE, JELLYFILLED: ROSE HILL PLAZA TO THOMAS JOHNSON DRIVE

CONSTRUCTION DETAILS

A. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT – TRENCHED.
B. INSTALL ELECTRICAL HANDHOLE.
C. USE HANDHOLE INSTALLED AS PART OF TRAFFIC SIGNAL RECONSTRUCTION.
D. USE EXISTING HANDHOLE.
E. USE CONDUIT INSTALLED AS PART OF TRAFFIC SIGNAL RECONSTRUCTION.
F. USE BASE MOUNTED CABINET INSTALLED AS PART OF TRAFFIC SIGNAL RECONSTRUCTION.
G. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT – BORED
H. REMOVE EXISTING ELECTRICAL HANDHOLE AND BACKFILL. CAP AND ABANDON EXISTING CONDUIT.

PROJECT DESCRIPTION

GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE INSTALLATION OF INTERCONNECT AT THE FOLLOWING LOCATIONS: US 15 NORTHBOUND RAMPS AND MOTTER AVENUE, US 15 SOUTHBOUND RAMPS AND OPOSSUMTOWN PIKE, OPOSSUMTOWN PIKE AND ROSE HILL PLAZA, AND OPOSSUMTOWN PIKE AND THOMAS JOHNSON DRIVE. MOTTER AVENUE/OPOSSUMTOWN PIKE IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

CATEGORY CODE	QUANTITY	DESCRIPTION
805118	330 LF	4 INCH SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT-BORED
805135	1550 LF	3 INCH SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
811001	8 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
811002	12 EA	REMOVE ELECTRICAL HANDHOLE
822002	3000 LF	12-PAIR COMMUNICATION CABLE, JELLYFILLED (UNDERGROUND)

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO CITY OF FREDERICK.

CATEGORY CODE	QUANTITY	DESCRIPTION

ALL REMOVED EQUIPMENT SHALL BE RETURNED TO THE CITY OF FREDERICK OR COORDINATED WITH SUPERINTENDANT KENNETH OTT AT (301)600-1167

GENERAL NOTES

1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MDSHA STANDARD TYPICALS FOR TRAFFIC CONTROL.
2. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
3. THE CONTRACTOR SHALL ENSURE THE EXISTING INTERCONNECT REMAINS OPERATIONAL UNTIL RECONSTRUCTED INTERCONNECT IS OPERATIONAL.

– WORK AREA STAGE 1 MOT

UTILITY LEGEND

E	ELECTRIC CABLES	SD	STORM DRAIN
A	AERIAL CABLES	G	GAS MAIN
T	TELEPHONE CABLES	W	WATER MAIN
F	FIBER-OPTIC	S	SEWER MAIN

GEOMETRIC LEGEND

PROPOSED

EXISTING

STV

STV Incorporated
7125 Ambassador Road, Suite 200
Baltimore, MD 21244
www.stvinc.com

BY: guillamc –

APPROVALS	
TEAM LEADER	9/7/2011
ASST. DIV. CHIEF	9/15/11
DIVISION CHIEF	9.22.11
OFFICE DIRECTOR	9/29

REVISIONS

SHA

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

MOTTER AVENUE/OPOSSUMTOWN PIKE:

US 15 NB RAMP TO THOMAS JOHNSON DRIVE (MOT STAGE 1)

INTERCONNECT PLAN

SCALE 1" = 40' ADVERTISED DATE AUGUST 2011 CONTRACT NO. FR4185180

DESIGNED BY	MCG	COUNTY	FREDERICK
DRAWN BY	KXT	LOGMILE	10001514.60
CHECKED BY	MTS	TIMS NO.	1976
F.A.P. NO.	SEE TITLE SHEET	TOD NO.	

TS NO.	DRAWING SG-21 OF 21	SHEET NO. OF

PLOTTED: Thursday, August 18, 2011 AT 12:05 PM
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