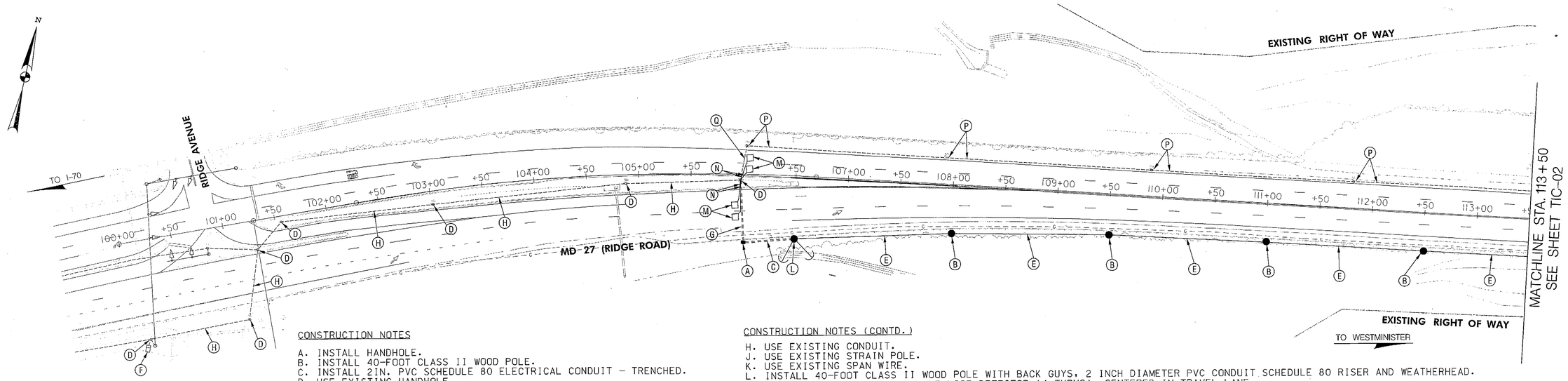


CONSTRUCTION NOTES

A. INSTALL HANDHOLE.
B. INSTALL 40-FOOT CLASS II WOOD POLE.
C. INSTALL 2IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
D. USE EXISTING HANDHOLE.
E. INSTALL 3/8 INCH DIAMETER STEEL SPAN WIRE AND RING WITH 12-PAIR INTERCONNECT CABLE AT 20-FEET ABOVE GROUND.
F. USE EXISTING CABINET/CONTROLLER.
G. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.

CONSTRUCTION NOTES (CONTD.)

H. USE EXISTING CONDUIT.
J. USE EXISTING STRAIN POLE.
K. USE EXISTING SPAN WIRE.
L. INSTALL 40-FOOT CLASS II WOOD POLE WITH BACK GUYS, 2 INCH DIAMETER PVC CONDUIT SCHEDULE 80 RISER AND WEATHERHEAD.
M. INSTALL 6 FT. X 6 FT.VEHICLE LOOP DETECTOR (4 TURNS), CENTERED IN TRAVEL LANE.
N. INSTALL 1" GALVANIZED CONDUIT FOR SAMPLING LOOP LEAD-IN CABLE.
P. REMOVE EXISTING HANDBOX AND CONDUIT ALONG SOUTHBOUND MD 27.
Q. CAP AND ABANDON EXISTING CONDUIT.

INTERCONNECT PLAN

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES INSTALLING TEMPORARY INTERCONNECT ALONG EAST SIDE OF MD 27 BETWEEN TWIN ARCH ROAD/PARK AVENUE AND RIDGE AVENUE IN CARROLL COUNTY, MARYLAND. THE EXISTING INTERCONNECT WILL BE IMPACTED DURING THE WIDENING OF MD 27. ULTIMATE INTERCONNECT WILL BE INSTALLED AFTER THE CONSTRUCTION ON SOUTHBOUND MD 27 IS COMPLETED.

THE TEMPORARY INTERCONNECT SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION ON MD 27. REFER TO MOT PLANS FOR ADDITIONAL DETAILS.

A. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM CODE NO.	DESCRIPTION	UNITS	QUANTITY
805125	2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED	LF	50
805105	2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED	LF	70
811001	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	1
822002	12-PAIR COMMUNICATION CABLE, JELLY FILLED	LF	4500
869102	STEEL SPAN WIRE-3/8 INCH DIAMETER	LF	3700
800000	40-FOOT CLASS II WOOD POLE	EA	20
833050	2 IN. DIAMETER PVC CONDUIT, SCHEDULE 80-RISER	LF	40
805050	WEATHERHEAD, 3 INCH	EA	1
862102	SAWCUT FOR SIGNAL LOOP DETECTOR	LF	275
805160	1-IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT - SLEEVE	LF	50
862101	LOOP DETECTOR WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 A.W.G.)	LF	350
861104	ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)	LF	1000

CONTACT LIST

THE CONTACT PERSONS FOR DISTRICT 7 ARE AS FOLLOWS:

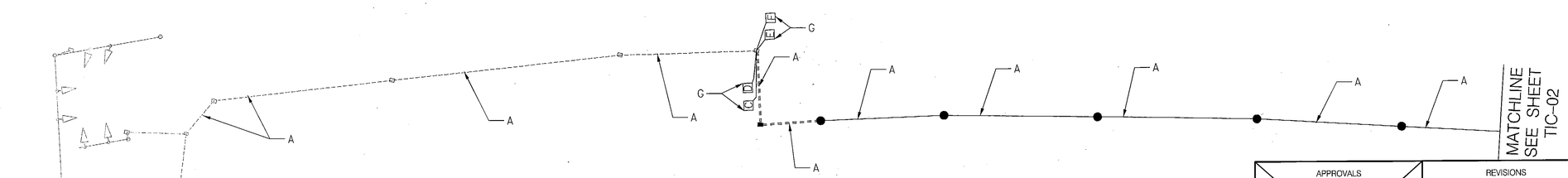
MR. ERIC ECKHARDT
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
301-624-8140/8141

MR. JOHN CONCANNON
ASSISTANT DISTRICT ENGINEER - TRAFFIC
301-624-8140

MS. ANDREA ABEND
ASSISTANT DISTRICT ENGINEER - UTILITY
301-624-8115/8116

MR. RAYMOND F. JOHNSON
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
301-624-8105/8106

MR. RICHARD L. DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
410-787-7630



A} 12-PAIR VOICE GRADE TELEMETRY INTERCONNECT CABLE (NO. 19 AWG)

C, E, F} 2-CONDUCTOR CABLE (ALUMINUM SHIELDED)

G} LOOP DETECTOR WIRE (NO. 14 A.W.G.) IN FLEXIBLE TUBING

WIRING DIAGRAM

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

APPROVALS	
TEAM LEADER, TRAFFIC ENGINEERING DIVISION	ORIGINAL ON FILE
ASST. CHIEF TRAFFIC ENGINEERING DIVISION	
CHIEF TRAFFIC ENGINEERING DIVISION	
DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

REVISIONS

TEMPORARY INTERCONNECT BETWEEN RIDGE AVE. AND TWIN ARCH RD ON MD 27 DUE TO WIDENING. SHA NO. C.3253176 11/09/2009 SWA SB CDS 11/9/2009 CDS 11/9/09

PLOTTED: Thursday, September 24, 2009 AT 09:51 AM
FILE: R:\2006\25 SHA BCS 2005-17 SWA_D-DAVIS JV District 7\Task 02\DWGS\Interconnect\Temporary interconnect\piC-P001_MD27_TEMP.dgn

TIC - 01

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

MD 27 FROM RIDGE AVE. TO 1,300 FT. NORTH OF CENTER ST. WIDENING AND RESURFACING
MOUNT AIRY, MARYLAND

TEMPORARY INTERCONNECT PLAN

SCALE 1" = 50' DATE 8/2000 CONTRACT NO. CL847A53

DESIGNED BY FRANK HOECKEL
DRAWN BY
CHECKED BY KIM WINKLER
FAP NO. SEE TITLE SHEET

COUNTY CARROLL
LOGMILE 06002700.80-06002701.47
TIMS NO. I-954
TOD NO.

TS NO. 2179-IC3 DRAWING pTIC OF P001 SHEET NO. 81 OF 87

BY: JPALADUGU -