

COMMUNICATION NOTES

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH TDOT STANDARD SPECIFICATION NO. 730.
2. REFER TO TDOT STANDARD DRAWING NO. T-FO-2 AND 4.
3. CONDUIT SHALL BE SCH. 80 PVC WITH TRACE WIRE EXCEPT WHERE OTHERWISE DESIGNATED AND LOCATED APPROXIMATELY 12" BEHIND THE CURB.
4. FIBER-OPTIC CABLE SHALL BE INSTALLED IN ACCORDANCE TO THE MANUFACTURER'S SPECIFICATIONS.
5. FIBER-OPTIC CABLE SHALL BE A MINIMUM OF 12-FIBER HYBRID CABLE (6MM/6SM).
6. CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING THE FIBER-OPTIC CABLE AND COMMUNICATIONS BETWEEN SIGNALS.
7. SIGNAL CABINETS AND CONTROLLERS SHALL HAVE ANY NECESSARY DEVICES FOR FIBER-OPTIC COMMUNICATIONS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF AN OPERATING CLOSED-LOOP SYSTEM TO THE SATISFACTION OF CITY OF KNOXVILLE.
9. CONDUCTORS IN PULL BOXES AND EQUIPMENT ENCLOSURES SHALL BE NEATLY ARRANGED AND LACED WITH APPROVED CABLE TIES. IN ACCORDANCE WITH INDUSTRY STANDARD PRACTICE AND AS NOTED ON THE PLANS.
10. CONTRACTOR SHALL COIL ADDITIONAL CABLE IN THE BOTTOMS OF CABINETS AND PULL BOXES. SLACK CABLE SHALL BE A MINIMUM OF 75' FOR TYPE "B", 25' FOR TYPE "A", AND 20' FOR SIGNAL CABINETS.
11. PROVIDE 6-FIBER DROP FROM THE TYPE B FIBER-OPTIC PULL BOX TO SIGNAL CABINET.

80 CABINET & CONTROLLER

F.O.P.B. TYPE B

2" PVC

F.O.P.B. TYPE A

INSTALL 2 12-FIBER OPTIC (6MM/6SM) CABLE

2" PVC

F.O.P.B. TYPE A

F.O.P.B. TYPE A

EXISTING F.O.P.B. TYPE B

EXISTING CABINET AND CONTROLLER

EXISTING F.O.P.B. TYPE A

INSTALL 12-FIBER OPTIC (6MM/6SM) CABLE

EXISTING F.O.P.B. TYPE B

EXISTING F.O.P.B. TYPE A

INSTALL 12-FIBER OPTIC (6MM/6SM) CABLE

F.O.P.B. TYPE B

80 CABINET & CONTROLLER

I-640 E.B.

I-640 W.B.

I-640 E.B. EXIT TO BROADWAY

DUTCH VALLEY

BROADWAY

RAMP 2

RAMP 3

RELOCATED OLD BROADWAY



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2014	NH-I-640-7(161)	
CONST.	2015	NH-I-640-7(161)	26C

KNOX CO.
47008-3150-44 (CONST.)

I-640

SEALED BY



COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

COMMUNICATION
PLAN

SCALE: N.T.S.