



- LEGEND**
- 1 PROP. UNIT DUCT, 286 XLP, 186 XLP-G, 25 mm, P
 - 2 EXIST. CIRCUIT TO REMAIN
 - 3 ABANDON EXISTING CIRCUIT (LEAVE UNIT DUCT AND WIRING IN PLACE; UNLESS EARTHWORK EXPOSED, THEN REMOVE-CONSIDERED INCIDENTAL)
 - 4 PROP. PVC CONDUIT IN TRENCH, 100 mm, 18.0 m (SHARED BY UNIT DUCT & WIRING (1) FOR LIGHTING AND UNIT DUCTS & WIRING (2) FOR HIGH SPEED V.I.M. SYSTEM)
 - 5 EXIST. POLE TO REMAIN, REPLACE LUMINAIRE (INCLUDES REPLACEMENT OF LUMINAIRE AND WIRING IN PLACE; LUMINAIRE AND WIRING PAID FOR SEPARATELY)
 - 6 EXIST. POLE, LUMINAIRE AND WIRING TO REMAIN
 - 7 EXIST. POLE TO BE RELOCATED, REMOVE LIGHT POLE FOUNDATION-PARTIAL
 - 8 PROP. LOCATION OF RELOCATED POLE WITH PROP. LUMINAIRE AND WIRING (EXIST. LUMINAIRE AND WIRING REMOVED-CONSIDERED INCIDENTAL)
 - 9 PROP. LIGHT POLE, STEEL 15.24 m HIGH TENSION MOUNT WITH PROP. LUMINAIRE AND WIRING.
 - 10 SEVERAL UTILITIES EXIST IN THIS AREA AND CARE SHALL BE TAKEN WHILE TRENCHING. ANY REQUIRED REMOVAL AND REPLACEMENT OF P.C.C. SIDEWALK AS DETERMINED BY THE ENGINEER WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICE FOR TRENCHING AND BACKFILLING.
 - 11 EXIST. POLE TO BE RELOCATED, REMOVE LIGHT POLE FOUNDATION-PARTIAL (PROVIDE WATER-TIGHT SPLICES TO MAINTAIN EXISTING CIRCUIT IN OPERATION-CONSIDERED INCIDENTAL)
 - 12 PROP. UNIT DUCT, 382 XLP, 182 XLP-G, 30 mm, P
 - 13 PROP. UNIT DUCT, FIBER OPTIC CABLE NO. 82.6/125, 24P, 50 mm DIA., P.
 - 14 PROP. UNIT DUCT, FIBER OPTIC CABLE NO. 82.6/125, 12P, 40 mm DIA., P.
 - 15 PROP. UNIT DUCT, 382 XLP, 186 XLP-G, 30 mm, P.
 - 16 PROP. UNIT DUCT, 3810 XLP, 1810 XLP-G, 20 mm, P.
 - 17 PROP. PVC CONDUIT IN TRENCH, 75 mm; PROP. 2-ELECTRICAL CABLES IN CONDUIT NO. 14 3/C; PROP. 2-ELECTRICAL CABLES IN CONDUIT NO. 14 2/C TWISTED, SHIELDED; AND PROP. 1-ELECTRICAL CABLE IN CONDUIT NO. 18, 3 PAIR TWISTED, SHIELDED.
 - 18 PROP. PVC CONDUIT IN TRENCH, 50 mm; PROP. 1-ELECTRICAL CABLES IN CONDUIT NO. 14 3/C; PROP. 2-ELECTRICAL CABLES IN CONDUIT NO. 14 2/C TWISTED, SHIELDED; AND PROP. 1-ELECTRICAL CABLE IN CONDUIT NO. 18, 3 PAIR TWISTED, SHIELDED.
 - 19 PROP. PVC CONDUIT IN TRENCH, 40 mm; AND PROP. 2-ELECTRICAL CABLES IN CONDUIT NO. 14 2/C TWISTED, SHIELDED.
 - 20 PROP. PVC CONDUIT IN TRENCH, 40 mm; AND PROP. 1-ELECTRICAL CABLES IN CONDUIT NO. 14 2/C TWISTED, SHIELDED.
 - 21 PROP. PVC CONDUIT IN TRENCH, 40 mm; PROP. 1-ELECTRICAL CABLES IN CONDUIT NO. 14 6/C AND PROP. 1-ELECTRICAL CABLES IN CONDUIT NO. 14 2/C TWISTED, SHIELDED.
 - 22 PROP. PVC CONDUIT IN TRENCH, 40 mm; AND PROP. 1-ELECTRICAL CABLES IN CONDUIT NO. 14 5/C.
 - 23 PROP. UNIT DUCT, COMMUNICATION CABLE 2-NO. 22, 6 PAIR TWISTED, SHIELDED, 20 mm DIA., P.

NOTES: PROP. AND RELOCATED LIGHT POLES SHALL BE OFFSET 12.0 m FROM EDGE OF RAMP PAVEMENT.

PROP. TRAFFIC SIGNAL POLES AND MAST ARM POLES SHALL BE OFFSET AS DETAILED.

PROP. CONTROL CABINETS SHALL BE OFFSET 8.0m FROM EDGE OF RAMP PAVEMENT AND 6.0m FROM EDGE OF MAINLINE PAVEMENT (LOCATED 3.0m BEHIND GUARDRAIL).

PROP. CONCRETE FOUNDATIONS FOR AMTECH'S READER/ANTENNA POLES SHALL BE OFFSET 6.0m FROM EDGE OF MAINLINE PAVEMENT (LOCATED 2.0m BEHIND GUARDRAIL).

PROP. HANDHOLES SHALL BE PLACED AT THE MOST FEASIBLE POSITION AS DETERMINED BY THE ENGINEER.

THE CONTRACTOR SHALL VERIFY LENGTHS OF MATERIALS REQUIRED PRIOR TO ORDERING MATERIALS. ALL LENGTHS SHOWN IN THE PLANS ARE ESTIMATED FOR BIDDING PURPOSES.

QUANTITIES INCLUDE SEPARATE TRENCHING AND BACKFILLING FOR ROADWAY LIGHTING. 4 REPRESENTS THE ONLY COMMONLY SHARED CONDUIT FOR ROADWAY LIGHTING AND HIGH SPEED V.I.M.

NOTES: 1) PROVIDE LONG RADIUS BENDS FOR RACEWAYS WITH FIBER OPTIC CABLES.
2) ONE #14 TWISTED & SHIELDED 2/C. PASSES THRU J.B. #8 FROM 20 TO 21

FOR INFORMATION ONLY

NOTE: LIGHTING AND ELECTRICAL DESIGN WAS PERFORMED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.