



CTA CONDUIT NOTES:

1. THERE ARE 4 EXISTING BRIDGE MOUNTED CONDUITS (4" EACH) RUNNING FROM THE CTA PULL BOX ON THE WEST ABUTMENT TO THE PIER IMMEDIATELY WEST OF THE CTA TRACK, WHERE THESE CONDUITS DROP TO GROUND LEVEL AND CONTINUE UNDERGROUND TO THE CTA UTILITY BUILDING. THESE CONDUITS FROM THE CTA PULL BOX TO EXISTING GROUND LEVEL OPENING NEAR THE RAILROAD TRACKS SHALL NOT BE REMOVED UNTIL TEMPORARY UTILITY SERVICE TO THE CTA IS FULLY OPERATIONAL.
2. THESE FOUR EXISTING CONDUITS CONTAIN:
 - 2 CONDUITS WITH CTA NORMAL SERVICE - EACH WITH 4 #500 KCMIL CABLES
 - 1 CONDUIT WITH CTA RELIABLE SERVICE - 3 #4/0 AND 1 #2 GROUND CABLES
 - 1 CONDUIT WITH AT&T SERVICE - 25 PAIR COPPER WIRES
3. THE CONTRACTOR MUST COORDINATE WITH CTA AND AT&T TO MAINTAIN SERVICE DURING THE ENTIRE PROJECT. THIS WILL INCLUDE ALL TEMPORARY SUPPORT AND/OR RELOCATION OF THESE FACILITIES, WHICH SHALL BE INCLUDED IN THE COST OF THE NEW CTA CONDUITS & CABLEING.
4. THE CONTRACTOR MAY HAVE CTA TURN OFF EITHER THE NORMAL OR RELIABLE SERVICE DURING TEMPORARY SUPPORT OR RELOCATION OPERATIONS, BUT NOT BOTH NORMAL AND RELIABLE AT THE SAME TIME. COORDINATE WITH CTA.
5. THE REMOVAL OF THE CTA CONDUITS IS INCLUDED WITH THE BRIDGE STRUCTURE REMOVAL. SEE STRUCTURAL PLANS FOR DETAILS. THE CABLE REMOVAL IS PAID FOR UNDER THE ITEM "REMOVE EXISTING CABLE FROM CONDUIT".
6. AT&T SHALL REMOVE THEIR WIRING FROM THE CTA DUCT. COORDINATE WITH CTA AND AT&T.
7. THE CONTRACTOR SHALL INSTALL FOUR NEW 4" GALVANIZED STEEL CONDUITS THAT WILL CONNECT THE EXISTING CTA PULL BOX ON THE WEST ABUTMENT TO THE GROUND LEVEL OPENING NEAR THE RAILROAD TRACKS. THE HANGING AND LOCATING DETAILS OF THESE CONDUITS ARE SHOWN ON THE STREET LIGHTING PLAN E-5 "CONDUIT MOUNTING DETAILS ALONG BRIDGE" AND THE STRUCTURAL PLAN S17 "DECK SECTIONS".
8. THE CONTRACTOR SHALL INSTALL THE FOLLOWING CABLES WITHIN THESE FOUR NEW CONDUITS:
 - 2 CONDUITS WITH CTA NORMAL SERVICE - EACH WITH 4 - 1/C 500 MCM CABLES
 - 1 CONDUIT WITH CTA RELIABLE SERVICE WITH 3 - 1/C NO. 4/0 AND 1 - 1/C. NO 2 (GROUND) CABLES
 - 1 CONDUIT WITH AT&T SERVICE - WIRING TO BE INSTALLED BY AT&T
9. THE NEW CABLE SHALL EXTEND FROM THE EXISTING WEST ABUTMENT PULL BOX TO THE CTA UTILITY BUILDING'S CONTROL.

INSTALL JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42"x36"x12"
 (4) CONDUITS ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL
 SEE CTA CONDUIT NOTES 7-9

4 EXISTING CTA SECONDARY CABLE RUNS/DUCT FOR NORMAL, RELIABLE AND TELEPHONE TO STATION (DUCTS RUN FROM PULL BOX ON WEST SIDE OF BRIDGE ABUTMENT TO 2nd PIER FROM WEST, THEN RUN VERTICALLY DOWN PIER TO DAN RYAN GROUND LEVEL)
 SEE CTA CONDUIT NOTES 1-6

| STRUCTURE NO. | LOCATION | | STRUCTURE TYPE | ELEVATION | |
|---------------|----------|----------|---|-----------|--------|
| | STATION | OFFSET | | RIM | INV |
| ① | 19+84.5 | 29.5' LT | CB, TY A, 4' DIA., TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO) | 599.92 | 594.75 |
| ② | 19+87 | 29.5' RT | CB, TY A, 4' DIA., TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO) | 600.22 | 595.05 |
| ③ | 23+72 | 30' RT | CB, TY A, 4' DIA., TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO) | 600.41 | 595.24 |
| ④ | 23+69 | 29.5' LT | CB, TY A, 4' DIA., TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO) | 600.43 | 595.26 |

- DRAINAGE NOTES:**
1. SEWER STRUCTURE RIMS ARE GIVEN AT THE FLOWLINE ELEVATIONS.
 2. DRAINAGE STRUCTURES AND SEWER TO BE REMOVED WITHIN THE PROPOSED SEWER TRENCH ARE INCLUDED IN THE COST OF THE NEW SEWER, AND ARE NOT PAID FOR SEPARATELY.

| PIPE NO. | LOCATION FROM STRUCTURE | SIZE & MATERIAL | LENGTH | SLOPE |
|----------|-------------------------|-------------------------------|--------|-------|
| △ | ① TO MAINLINE SEWER | STORM SEWER, TYPE 2, 8" ESVCP | 36' | 1% |
| △ | ② TO MAINLINE SEWER | STORM SEWER, TYPE 2, 8" ESVCP | 38' | 1% |
| △ | ③ TO MAINLINE SEWER | STORM SEWER, TYPE 2, 8" ESVCP | 12' | 1% |
| △ | ④ TO MAINLINE SEWER | STORM SEWER, TYPE 2, 8" ESVCP | 12' | 1% |

- KEY:**
- △ STRUCTURE TO BE ADJUSTED
 - STRUCTURE TO BE REMOVED
 - ① PROPOSED STRUCTURE
 - △ PROPOSED SEWER

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|-----------------------------|-------------------|-----------|
| USER NAME = 0766 | DESIGNED - JSO | REVISED - |
| | DRAWN - HUM | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TNS | REVISED - |
| PLOT DATE = 4/25/2014 | DATE - 03-15-2013 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**63rd STREET BRIDGE REPLACEMENT - COOK COUNTY
 DRAINAGE & UTILITIES**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------------|-----------|
| 94 | 1920-B | COOK | 142 | 25 |
| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 60J15 | |