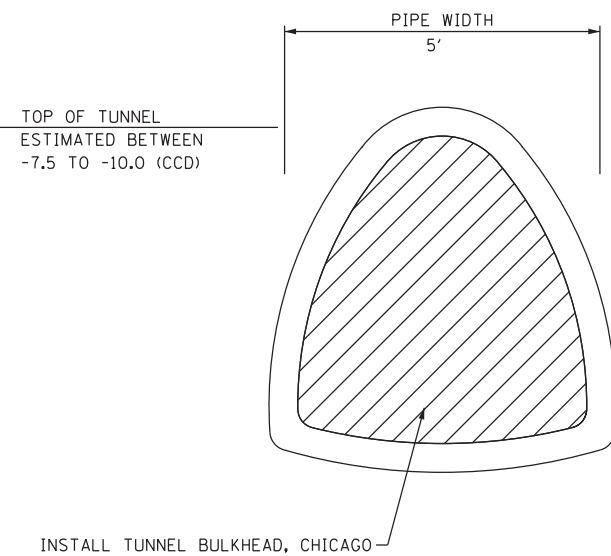


TYPICAL SECTION
PROPOSED TUNNEL BULKHEAD, CHICAGO



TYPICAL SECTION
EXISTING CTA WATER TUNNEL (SHAPE ESTIMATED)

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
LOCATE TUNNEL, CHICAGO	EACH	2
BULKHEAD TUNNEL, CHICAGO	EACH	2

TUNNEL NOTES:

1. THE WATER TUNNEL SHOWN IS FROM IDOT RECORD DRAWINGS FOR ROADWAY AND BRIDGE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ACCURATELY LOCATE THE CROWN OF THE WATER TUNNELS USING PROBE BORINGS AS DESCRIBED IN THE SPECIFICATIONS. THIS WORK IS INCLUDED IN THE ITEM LOCATE TUNNEL. THE METHOD OF LOCATING THE TUNNEL IS BASED UPON CDWM REQUIREMENTS FOR LOCATING TUNNELS.
2. THE EXISTING WATER TUNNEL IS ABANDONED WITH PREVIOUS BULKHEADS CONSTRUCTED NEAR HALSTED STREET AND TO THE EAST, ALONG WITH PORTIONS OF THE TUNNEL PREVIOUSLY FILLED. THE TUNNEL IS EXPECTED TO HAVE NOMINAL AMOUNTS OF WATER DUE TO INFILTRATION, WHICH MAY CONTRIBUTE TO SIGNIFICANT FLOWS DEPENDING ON GROUNDWATER CONDITIONS.
3. THE CONTRACTOR SHALL PROVIDE DEWATERING AS NEEDED IN THE EXISTING WATER TUNNEL. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF TUNNEL BULKHEAD, CHICAGO.
4. OBTAIN TWO CORE SAMPLES PER BULKHEAD, ONE (1) AT THE 10 AND ONE (1) AT THE 4 O'CLOCK POSITIONS OR ONE (1) AT THE 2 AND ONE (1) AT THE 8 O'CLOCK POSITIONS FOR COMPRESSION STRENGTH TESTING.
5. AFTER THE INSPECTION OF ALL BULKHEADS, THE TUNNEL MUST EXCAVATED IN ORDER TO BUILD THE TEMPORARY EARTH RETENTION SYSTEM AND THE WATER MAIN RISER SHAFT. THE EXCAVATION SHALL NOT DAMAGE OR DISLodge THE BULKHEADS.
6. AFTER COMPLETION OF THE INSTALLATION OF THE WEST LOCATION FOR TUNNEL BULKHEAD, CHICAGO, THE CONTRACTOR SHALL RESTORE ANY DAMAGED PARKWAY, PAVEMENT OR SIDEWALK TO ITS CONDITION PRIOR TO THE START OF OPERATIONS. ALL EXCESS CONCRETE OR GROUT SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

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USER NAME = chitua
PLOT SCALE = 50.0000' / in.
PLOT DATE = 6/14/2013

DESIGNED - MSC
DRAWN - MSC
CHECKED - DBM
DATE - 6/17/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABANDONED CTA WATER TUNNEL
BULKHEADING DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	91
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	