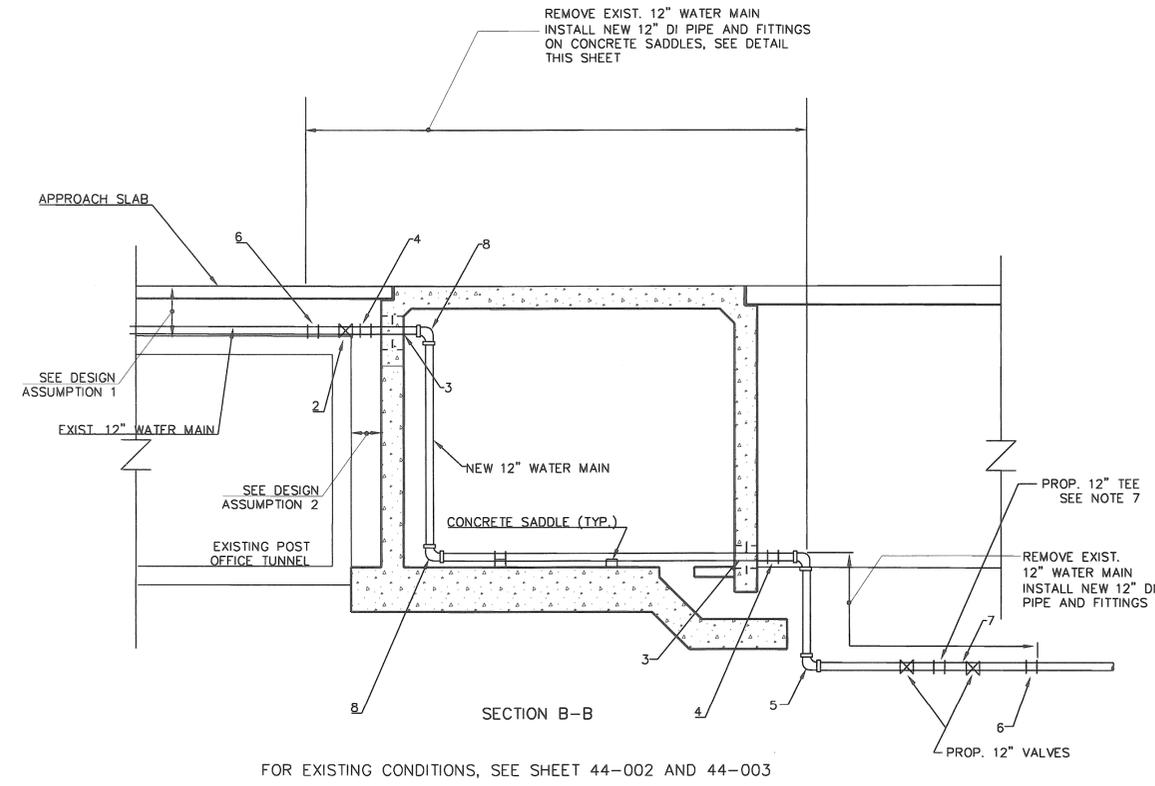


DATE###
#USER#

TIME###
\$PRF\$
\$PENTABLE\$

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	BHNLB-9073-001(016), BHNLB-9073-001(018)	234	444



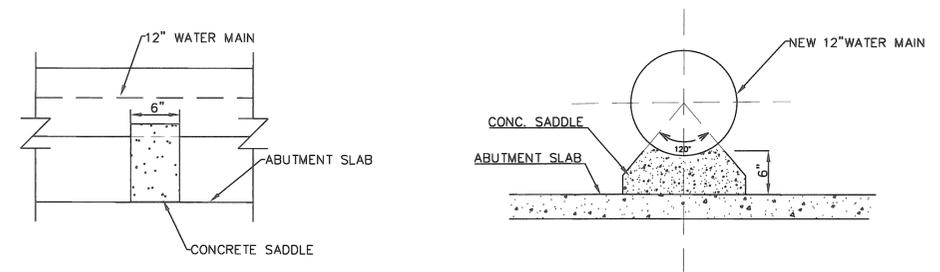
FOR EXISTING CONDITIONS, SEE SHEET 44-002 AND 44-003

DESIGN ASSUMPTIONS:

1. THE CITY OF ATLANTA HAS NO INFORMATION ON THE DIMENSIONS OF THE EXISTING TUNNEL OR VERTICAL DISTANCE BETWEEN THE EXISTING ROADWAY SURFACE AND THE TOP OF THE TUNNEL.
2. THE CITY OF ATLANTA HAS NO INFORMATION ON HORIZONTAL CLEARANCE BETWEEN THE EXISTING TUNNEL AND THE PROPOSED ABUTMENT.
3. THE CONTRACTOR SHALL DIG TEST PIT(S) TO DETERMINE THE ACTUAL VERTICAL CLEARANCE BETWEEN THE EXISTING ROADWAY AND THE TOP OF THE TUNNEL.
4. BASED ON THE ACTUAL VERTICAL CLEARANCE AND THE DIMENSIONS AND FINAL LOCATION OF THE PROPOSED ABUTMENT, THE CONTRACTOR SHALL SUBMIT A PROPOSED PIPING LAYOUT TO THE ENGINEER FOR APPROVAL. LAYOUT SHALL ESTABLISH HORIZONTAL AND VERTICAL CONTROLS FOR NEW 12" WATER MAIN, REQUIRED FITTINGS WITHIN LIMITS OF ABUTMENT AND HORIZONTAL AND VERTICAL ALIGNMENT OF OPENINGS THROUGH ABUTMENT WALLS.

CONSTRUCTION NOTES:

1. PROVIDE TEMPORARY WATER SERVICE AS NEEDED TO CUSTOMERS AT LOWER LEVEL DURING DEMOLITION OF EXISTING ABUTMENT AND CONSTRUCTION OF NEW ABUTMENT.
2. CUT EXISTING 12" WATER MAIN, INSTALL NEW 12" MJ GATE VALVE.
3. INSTALL 12" PIPE WITH THRUST COLLAR
4. PROVIDE JOINT 2" MAX FROM OUTSIDE FACE OF ABUTMENT.
5. INSTALL DOWNWARD THRUST BLOCK AT 12" 90° BEND
6. CONNECT NEW 12" PIPE TO EXISTING 12" PIPE WITH SLEEVE.
7. RECONNECT EXISTING 10" AND 8" SERVICE LINES TO NEW 12" WATER MAIN AS SHOWN ON SHT 44-003.
8. CONTRACTOR SHALL USE RETAINER GLANDS TO RESTRAIN EXPOSED PIPE JOINTS AND BENDS.



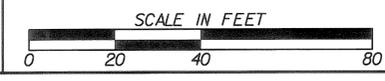
CONCRETE SADDLE DETAILS

1. PROVIDE 2 SADDLES FOR EACH LENGTH OF PIPE.
2. SADDLES TO BE LOCATED A MAXIMUM OF 2' FROM PIPE JOINTS.

PROPERTY AND EXISTING R/W LINE	----
REQUIRED R/W LINE	----
CONSTRUCTION LIMITS	----
EASEMENT FOR CONSTR	----
& MAINTENANCE OF SLOPES	----
EASEMENT FOR CONSTR OF SLOPES	----
EASEMENT FOR CONSTR OF DRIVES	----

BEGIN LIMIT OF ACCESS.....BLA	----
END LIMIT OF ACCESS.....ELA	----
LIMIT OF ACCESS	----
REQ'D R/W & LIMIT OF ACCESS	----

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393



REVISION DATES	
11-10-09	

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY
PROPOSED WATER MAIN INSTALLATION
UPPER SPRING ST. / LOWER MADISON ST.
SPRING STREET
VIADUCT OVER CSXT

DRAWING No.
44-005