7/2/99

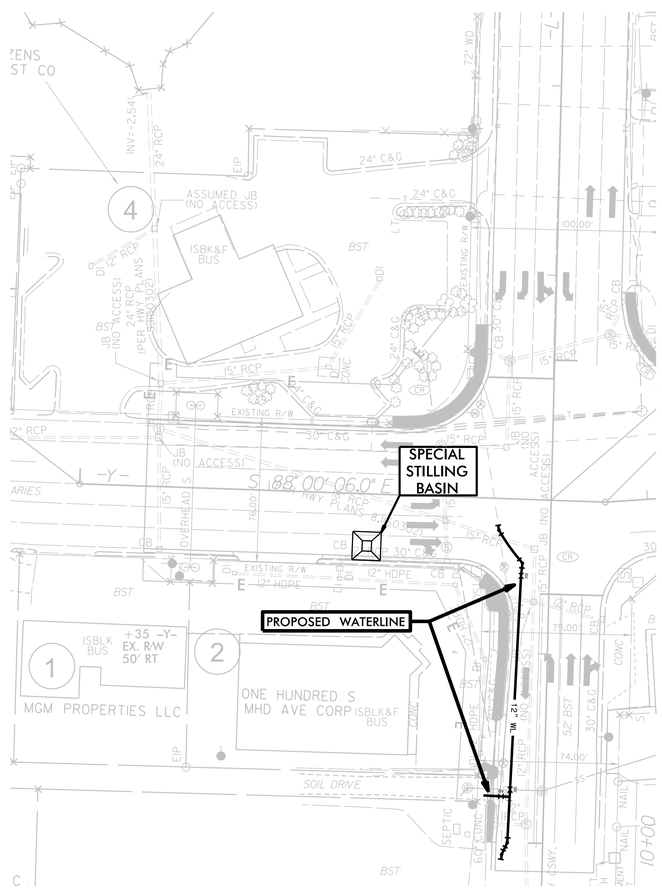
R–5816 DEWATERING AND CONSTRUCTION SEQUENCE

PROJECT REFERENCE NO.	SHEET NO.
R-5816	EC-04B/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PHASE 1

STEP 1

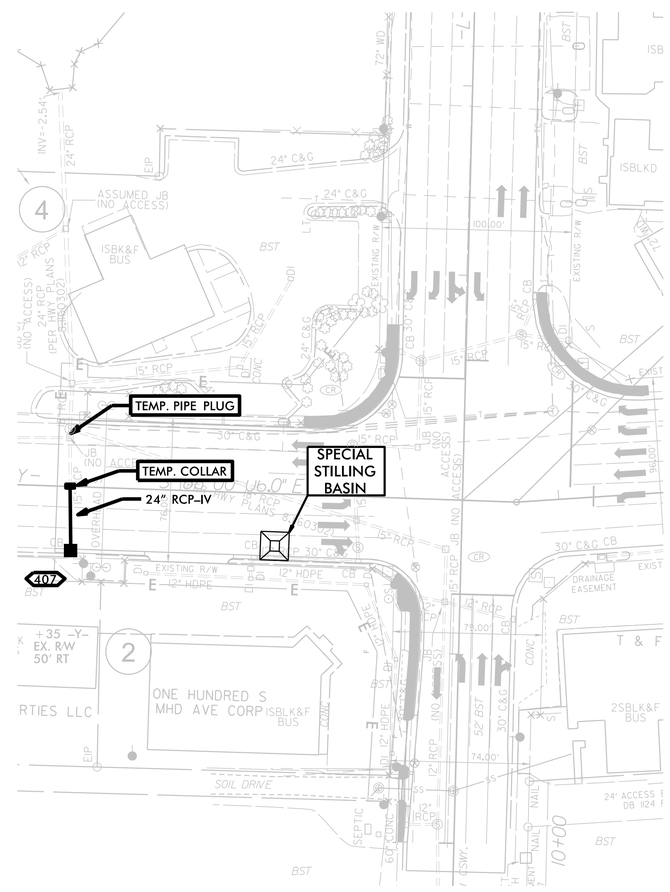
1. INSTALL SPECIAL STILLING BASIN AS SHOWN BELOW.
2. EXCAVATE FOR WATERLINE AND DEWATER TRENCH EFFLUENT TO SPECIAL STILLING BASIN.
3. INSTALL PROPOSED WATERLINE.



STEP 2

1. INSTALL SPECIAL STILLING BASIN AS SHOWN BELOW.
2. INSTALL TEMPORARY PIPE PLUG IN EXISTING 15" RCP.
3. INSTALL CB 407 AND 24" RCP–IV.
4. INSTALL TEMPORARY COLLAR TO OUTLET END OF INSTALLED 24" RCP–IV.
5. CONNECT 24" RCP TO EXISTING 15" RCP WITH A TEMPORARY PIPE COLLAR.

PROPOSED STRUCTURE/PIPE INSTALLATION

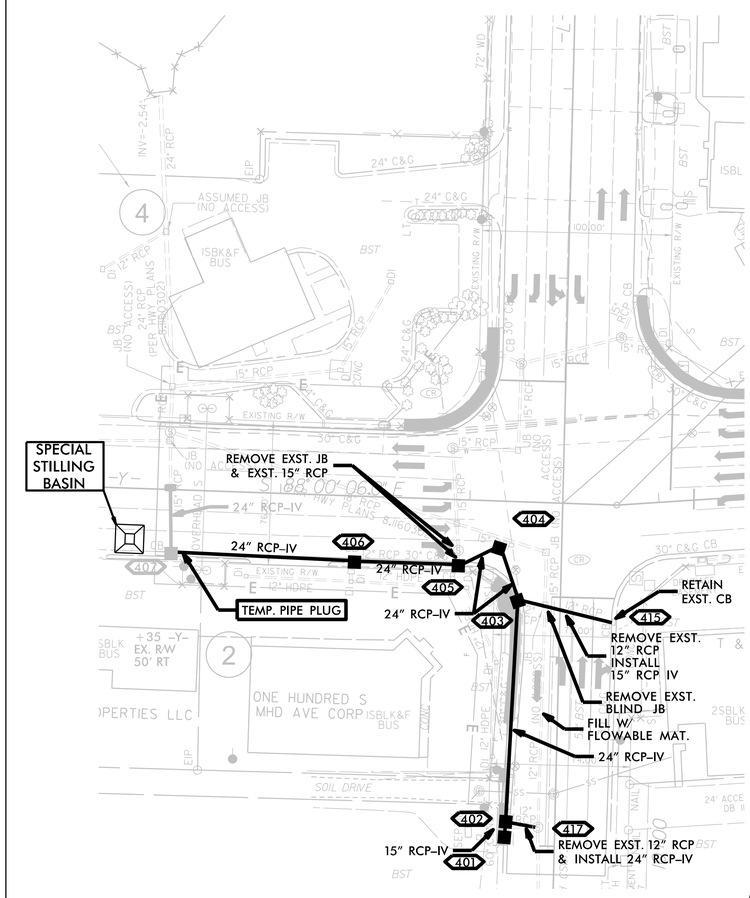


STEP 3

1. INSTALL SPECIAL STILLING BASIN AS SHOWN BELOW.
2. INSTALL PROPOSED CB 406 AND PROPOSED 24" RCP–IV CONNECTING 406 TO 407.
   i. INSTALL TEMPORARY PIPE PLUG ON DOWNSTREAM END OF PROPOSED 24" RCP–IV.
2. INSTALL PROPOSED STRUCTURES 406, 405, 404, 403, 402, 401, AND CONNECTING PIPES.
3. AFTER CONNECTING TO EXISTING STRUCTURE 417, INSTALL CONNECTING PIPE TO EXISTING STRUCTURE 415.
4. FLOW FILL EXISTING DRAINAGE STRUCTURES AND PIPES.

PREVIOUS PHASE STRUCTURE/PIPE INSTALLATION

CURRENT PHASE STRUCTURE/PIPE INSTALLATION



40' 20' 0 40' 80'

SCALE: 1" = 40'

NAD 83