

# UTILITY CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-5798A	UC-3A
DESIGNED BY: AAA	UTILITY CONSTRUCTION PLANS ONLY
DRAWN BY: KNS	
CHECKED BY: BRO	
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## UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

CONSTRUCTION SEQUENCING ON INDIVIDUAL SHEETS IS IMPACTED BY SEQUENCING REQUIREMENTS ON OTHER SHEETS. REVIEW THEM ACCORDINGLY.

THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER SERVICE THROUGHOUT CONSTRUCTION.

THE CONTRACTOR SHALL BE PREPARED TO PUMP AND HAUL OR USE BY-PASS PUMPING ON WASTE WATER FROM THE INTERRUPTED SEWER SERVICE LINES.

### UC-4 UTILITY NOTES:

1. PURSUANT TO TRAFFIC CONTROL REQUIREMENTS, CONTRACTOR SHALL NOT BE PERFORMING WATER MAIN INSTALLATION OF WL-1 LONGITUDINALLY TO STONEY POINT ROAD ON BOTH SIDES OF THE ROAD AT THE SAME TIME.

2. EXISTING 16-IN MAIN ALONG GILLIS HILL RD TO ABANDONED AFTER WL-1, WL-2 AND WL-3 ARE OPERATIONAL AND IN SERVICE.

3. KILL OUT OF EXISTING 16-MAIN TO BE FACILITATED BY EV-3 AND EV-4. SEE DETAIL PWC DETAIL W.22.

### UC-6 UTILITY NOTES:

1. CONNECT WL-1 TO THE EXISTING 8-IN WATERLINE IN GALATIA CHURCH RD WITH A 16"x16"x8" TEE WHILE THE 8-IN WATERLINE IS UNDER A SERVICE INTERRUPTION. THERE ARE NO EXISTING SERVICE CONNECTIONS ON THE 8-IN WATERLINE. ADHERE TO UTILITY OWNER'S PROCEDURES FOR SHUTDOWN.

### UC-7 UTILITY NOTES

1. WL-2, WL-3 AND WL-4 TO BE CONSTRUCTED AND OPERATIONAL BEFORE KILLOUT OF EXISTING 16-MAIN TO BE MADE JUST SOUTH OF WL-3 CONNECTION AT STA. 14+47.90.

2. INSTALL 1-IN METER AT PARCEL 18 AND CONNECT TEMPORARY SERVICE TO THE EXISTING 16-INCH WATER MAIN. COORDINATE LOCATION OF THE METER WITH THE UTILITY OWNER.

3. COMPLETE CONNECTION OF WL-3 AT ADAM JACOB RD.

4. SEE NOTES FOR UC-8 AND UC-9 FOR CONTINUITY OF SERVICE AND KILL OUT OF EXISTING 16-INCH MAIN.

5. KILL OUT OF THE EXISTING 16-MAIN SOUTH OF THE CONNECTION OF WL-3 TO BE FACILITATED BY SHUTDOWN. EXISTING VALVES EV-9 AND EXISTING IN-LINE VALVE AT INTERSECTION OF OLD RAEFORD RD AND RIM GILLIS HILL RD WILL BE CRITICAL IN ISOLATING THE EXISTING MAIN FOR CONNECTION OF WL-3 AND KILL OUT AT THAT LOCATION.

6. BEFORE THE EXISTING 16-INCH WATERLINE KILL OUTS ARE PERFORMED, TRANSFER 1-INCH METER SERVICE AT PARCEL 18 TO WL-4.

### UC-8 UTILITY NOTES

1. WL-2, WL-3 AND WL-4 TO BE CONSTRUCTED AND OPERATIONAL BEFORE KILLOUT OF EXISTING 16-INCH MAIN TO BE MADE JUST SOUTH OF WL-3 CONNECTION AT STA. 14+47.90.

2. COMPLETE CONNECTION OF WL-3 TO 12-INCH WATER MAIN AT ENTRANCE TO WALMART.

3. ONCE ITEMS ABOVE ARE COMPLETE, KILLOUT OF THE EXISTING 16-INCH MAIN SOUTH OF THE CONNECTION OF WL-3 NEAR STA. 14+47 TO BE FACILITATED BY SHUTDOWN. EXISTING VALVES EV-9 AND EXISTING IN-LINE VALVE AT INTERSECTION OF OLD RAEFORD RD AND RIM GILLIS HILL RD WILL BE CRITICAL IN ISOLATING THE EXISTING MAIN IN THIS SHUTDOWN. CONSTRUCTION TIME FOR THIS WORK WILL BE LIMITED TO WEEKEND AND SHALL NOT BEGIN UNTIL 9:00 PM ON SATURDAY. ALL WORK MUST BE COMPLETED AND WATER MAIN BACK IN OPERATIONS BEFORE 6:00 AM MONDAY.

4. PROTECT WL-4 WITHIN THE AREA OF THE EXCAVATION FOR THE BORE OF SL-2 UNDER GILLIS HILL RD.

### UC-9 UTILITY NOTES:

1. WL-2, WL-3 AND WL-4 TO BE CONSTRUCTED AND OPERATIONAL BEFORE KILLOUT OF EXISTING 16-MAIN TO BE MADE JUST SOUTH OF WL-3 CONNECTION AT STA. 14+47.90.

2. INSTALL TEMPORARY 6-INCH WATER MAIN FROM PROP FIRE HYDRANT AT PARCEL 23.

3. INSTALL TWO 1-INCH METERS AT PARCEL 23 AND CONNECT TO THE TEMPORARY 6-IN WATER MAIN. COORDINATE LOCATION OF THE METERS WITH THE UTILITY OWNER.

4. ONCE ITEMS ABOVE AND AS NOTED FOR UC-7 AND UC-8 ARE COMPLETE, KILLOUT OF THE EXISTING 16-MAIN SOUTH OF THE CONNECTION OF WL-3 NEAR STA. 14+47 TO BE FACILITATED BY SHUTDOWN. EXISTING VALVES EV-9 AND EXISTING IN-LINE VALVE AT INTERSECTION OF OLD RAEFORD RD AND RIM RD WILL BE CRITICAL IN ISOLATING THE EXISTING MAIN IN THIS SHUTDOWN. CONSTRUCTION TIME FOR THIS WORK WILL BE LIMITED TO WEEKEND AND SHALL NOT BEGIN UNTIL 9:00 PM ON SATURDAY. ALL WORK MUST BE COMPLETED AND WATER MAIN BACK IN OPERATIONS BEFORE 6:00 AM MONDAY.

5. CONNECT THE TWO 1-INCH METERS AT PARCEL 23 TO THE EXISTING 16-INCH MAIN.

6. REMOVE THE TEMPORARY 6" WATER MAIN.