

PROJECT NO.: 14SP.20441.1

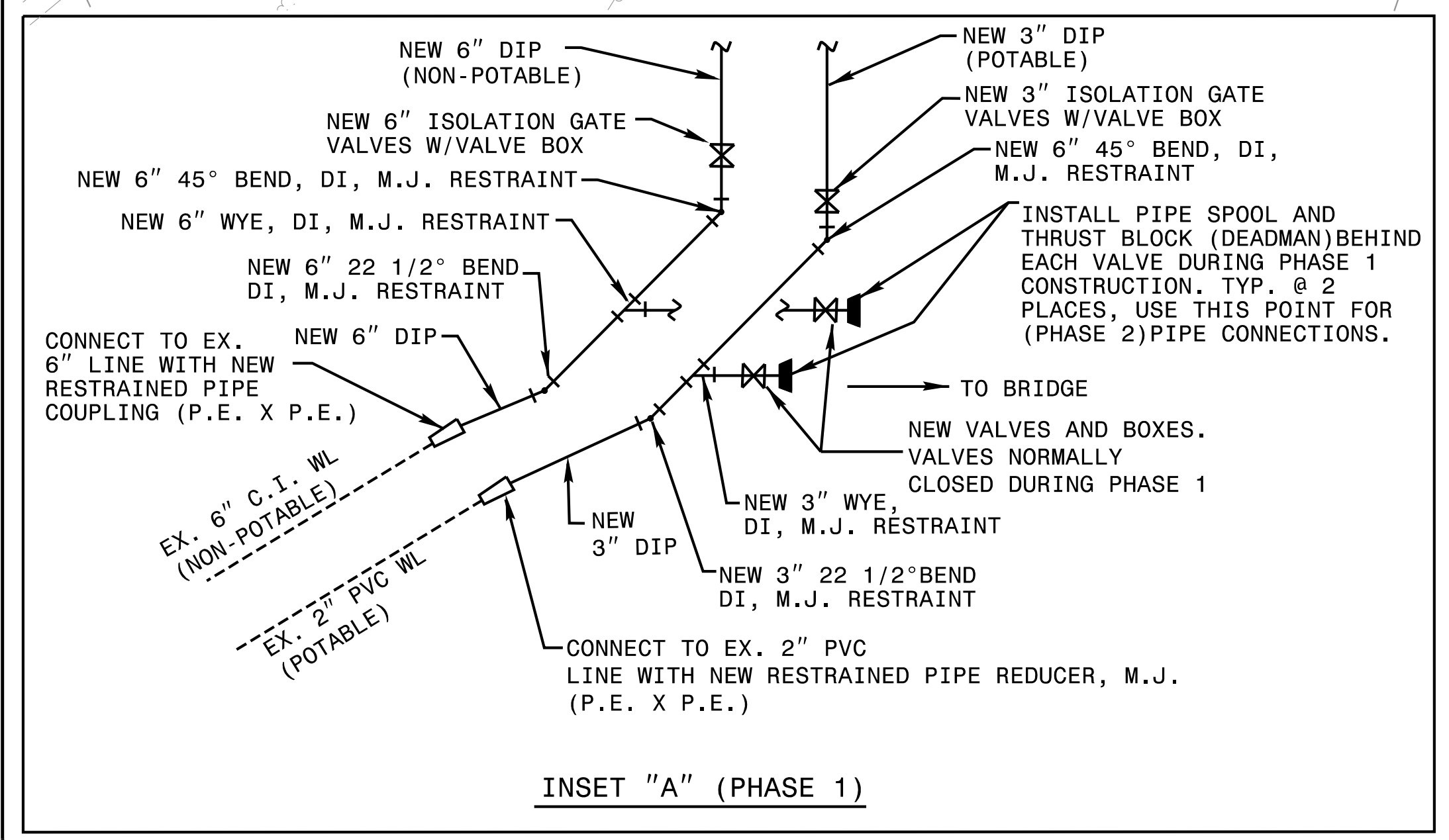
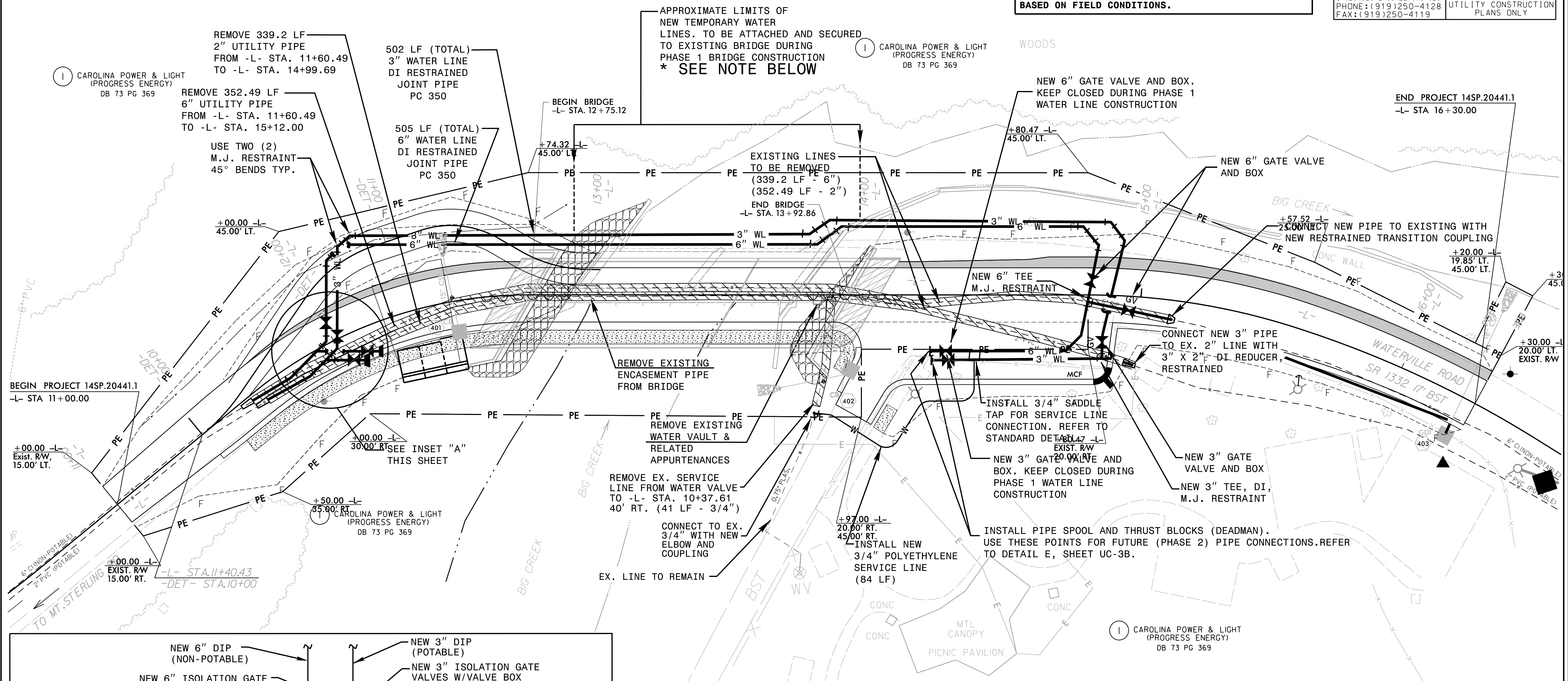
CONTRACT: C20441I

PHASE 1 TEMPORARY WATER LINE RELOCATION

STRUCTURE 430175
HAYWOOD COUNTY

PROJECT REFERENCE NO. 14SP.20441.1	SHEET NO. UC-4A
DESIGNED BY: DRD	
DRAWN BY: DRD	
CHECKED BY: LAM	
APPROVED BY: RMS	
REVISED: 11/14/18	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTINGS ON THIS PLAN SHEET IS 1,526 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.



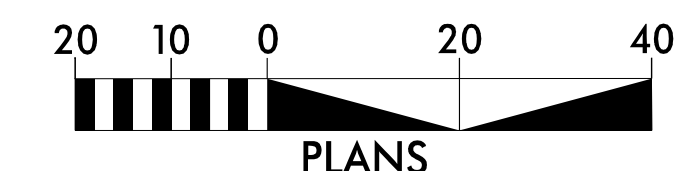
THE FOLLOWING PHASE 1 QUANTITIES ARE ASSOCIATED WITH THIS SHEET:

- INSTALL**
- 6" DIP - 505 LF
 - 6" GATE VALVE & BOX - 5 EA.
 - 6" 45° DI BEND - 9 EA.
 - 6" 22 1/2° DI BEND - 1 EA.
 - 6" DI TEE - 1 EA.
 - 6" DI WYE - 1 EA.
 - 6" TRANSITION COUPLING - 2 EA.
 - 6" END OF LINE PLUG - 2 EA.
 - 3" DIP - 502 LF
 - 3" GATE VALVE & BOX - 4 EA.
 - 3" 45° DI BEND - 7 EA.
 - 3" 22 1/2° BEND - 2 EA.
 - 3" DI TEE - 1 EA.
 - 3" DI WYE - 1 EA.
 - 3"x2" DI REDUCER - 2 EA.
 - 3" END OF LINE PLUG - 2 EA.
 - 3"x3/4" SADDLE TAP - 1 EA.
 - 3/4" PE SERVICE LINE - 84 LF
 - TEMPORARY FREEZE PROTECTION - 1 LS
 - CONNECT TO EX. WATER LINE - 5 EA.
 - ALL REQUIRED BRACKETING AND HARDWARE FOR ENCASEMENT PIPE - 1 LS

- REMOVE**
- 6" DIP - 339.2 LF
 - 2" DIP - 352.49 LF
 - 3/4" SERVICE LINE - 41 LF
 - REMOVE EXISTING VAULT - 1 EA.
 - REMOVE EXISTING ENCASEMENT PIPE - 1 LS

NOTE:
QUANTITIES MAY CHANGE DUE TO THE CONTRACTORS METHOD OF CONSTRUCTION.

NOTE
CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR TEMPORARY ATTACHMENT OF THE PROPOSED TEMPORARY 6" AND 3" WATER LINES TO THE DOWNSTREAM SIDE OF THE EXISTING BRIDGE AND THE MEANS OF CONSTRUCTING THE WATER LINES THROUGH THE EXISTING HEADWALLS. FREEZE PROTECTION FOR ALL TEMPORARY EXPOSED PIPE SHALL BE CONSIDERED BASED ON PERIOD AND DURATION OF CONSTRUCTION.



JMT JOHNSON, MIRMIRAN, & THOMPSON, INC.
1318-F PATTON AVENUE
Asheville NC, 28806

REVISIONS

TRANSPORTATION_31236-07
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