



CONSTRUCTION/SEQUENCING NOTES:

THE LIMITS FOR REMOVAL AND ABANDONMENT OF EXISTING WATER MAIN PIPES MUST BE DETERMINED AS PART OF STAGING REQUIREMENTS AND CONSTRUCTION LIMITS FOR SEWER, WATER MAIN, BRIDGE AND UTILITY CONSTRUCTION.

EXISTING THRUST RESTRAINTS NOT SHOWN FOR CLARITY. SEE RECORD INFORMATION FOR ANTICIPATED THRUST RESTRAINT LOCATIONS AND DIMENSIONS.

SEE SHEETS 141 & 142 FOR ADDITIONAL NOTES

7. CUT AND TEMPORARILY CAP EXISTING 48" AND 24" CAST IRON WATER MAINS TO THE WEST. REMOVE PORTIONS OF EXISTING WATER MAINS AS NECESSARY TO FACILITATE THE WORK.

SEE SHEETS 141 & 142 FOR ADDITIONAL NOTES

9. INSTALL 1-48" BUTTERFLY VALVE, 2-2" TEST TAPS IN BASINS. VALVE AND TAP BASINS FRAME AND LIDS MUST BE LOCATED SO THAT THEY DO NOT CONFLICT WITH PROPOSED CURB AND GUTTER.

10. INSTALL 1-48" X 12" TEE, 1-12" X 8" REDUCER, 2-8" X 1/4 BENDS, 1-8" GATE VALVE AND 1 FIRE HYDRANT.

11. INSTALL 1-48" X 24" TEE WITH MJ PLUG FOR INSPECTION MANHOLE. INSPECTION MANHOLE FRAME AND LID MUST BE LOCATED SO THAT IT DOES NOT CONFLICT WITH PROPOSED CURB AND GUTTER.

12. INSTALL 48" PIPE, 1-48" X 1/8 BEND, 1-48" X 24" TEE, 1-48" BUTTERFLY VALVE AND 1-2" TEST TAP IN BASIN. TEMPORARILY PLUG OR CAP THE 48" PIPE WEST OF BUTTERFLY VALVE.

13. INSTALL 24" PIPE AND 7-24" X 1/8 BENDS.

14. INSTALL 2-24" X 16" REDUCERS AND 1-16" MECHANICAL JOINT GATE VALVE WITH 2-2" TEST TAPS IN BASIN.

15. CONNECT TO EXISTING 24" CAST IRON WATER MAIN WITH 24" TRANSITION SLEEVE.

16. FILL NEW WATER MAIN THROUGH 24" CONNECTION. FLUSH ALL AIR FROM THE SYSTEM.

17. CLOSE 48" BUTTERFLY VALVE (STA. 200+95.44) AND 16" GATE VALVE (STA. 250+08.86) AND PRESSURE TEST NEW 48" AND 24" WATER MAIN SEGMENTS TO 100 PSI IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

18. AFTER APPROVAL OF PRESSURE TEST, DEWATER THE NEW WATER MAIN IN PREPARATION FOR MAKING THE FINAL CONNECTIONS.

19. REMOVE TEMPORARY PLUG OR TAP FROM 48" PIPE AND CONNECT TO EXISTING 48" CAST IRON WATER MAIN WITH 48" PIPE AND 48" TRANSITION SLEEVE.

SEE SHEETS 141 & 142 FOR ADDITIONAL NOTES

(TR) = THRUST RESTRAINT PER THRUST RESTRAINT DETAIL SHEETS FOR THRUST RESTRAINT TYPES AND DETAILS, SEE SHEETS 147 THROUGH 149.

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 USER NAME = CooperM2
 PLOT SCALE = 20,000 / 1" =
 PLOT DATE = 12/15/2013

DESIGNED - HHC
 DRAWN - HHC
 CHECKED - RBB
 DATE - 8/20/13

REVISED - A 10/15/2013
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET OF SHEETS		STA. TO STA.	
WATER MAIN PLAN AND PROFILE					

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-00TR	COOK	559	143
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				