

SEC. 17, T.23 N., R.2 E., 3rd P.M.  
MCLEAN COUNTY, ILLINOIS

SEC. 18, T.23 N., R.2 E., 3rd P.M.  
MCLEAN COUNTY, ILLINOIS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	93-00295-02-PV	MCLEAN	117	67
STA. 237+00.00		TO STA. 242+00.00		
ILLINOIS				
CONTRACT NO. 87267				

THE PROPOSED ELEVATIONS SHOWN FOR THE FIRE HYDRANTS AND THE WATER VALVES ARE THE FINISHED GRADE SURFACE ELEVATION ADJACENT TO THE HYDRANT OR THE VALVE.

\*A MINIMUM OF 20 FEET OF RESTRAINED JOINT PIPE IS REQUIRED ON EACH SIDE OF 16" BUTTERFLY VALVES.

- NOTES
- ELEVATIONS ARE TOP OF PIPE FOR WATER MAIN.
  - IT WILL BE NECESSARY TO CONSTRUCT THE WATER MAIN IN VARIOUS STAGES. SEE THE TRAFFIC CONTROL AND MAINTENANCE OF TRAFFIC PLANS FOR STAGING PLAN.
  - ALL 16" BUTTERFLY VALVE OPERATORS SHALL BE PLACED ON SOUTH SIDE OF WATER MAIN TO AVOID PLACEMENT WITHIN THE PROPOSED BIKE TRAIL.
  - CONTRACTOR TO VERIFY DEPTH PRIOR TO CONSTRUCTION. WHEN CONNECTIONS ARE TO BE MADE TO EXISTING PIPING AND FITTINGS, THE LOCATION AND ELEVATION OF THE EXISTING PIPING SHALL BE FIELD DETERMINED AND THE APPROPRIATE ADJUSTMENTS MADE.  
CONTRACTOR TO PROVIDE ALL PIPING & GASKETS, FITTINGS, AND HARDWARE NECESSARY TO CONNECT TO EXISTING WATER MAIN. ALL JOINTS AND FITTINGS ARE TO BE RESTRAINED.
  - CONNECT TO EXISTING 8" WATER MAIN BY REMOVING A JOINT OF PIPE AND INSTALLING 2 RESTRAINED 8"-90° ELBOWS WITH THRUST BLOCKS (BEARING AREA = 12 SQ FT). INSTALL A RESTRAINED PLUG IN THE EXISTING WATER MAIN WEST OF STA. 241+15.0 AND SOUTH OF STA. 239+00.1±, 40.6'± LT.
  - THE DOWN TIME ASSOCIATED WITH THE TIE-INS TO THE EXISTING WATER MAIN SHALL BE LIMITED TO A MAXIMUM OF 8 HOURS AND COORDINATED WITH THE OWNER.
  - THE LOCATION AND ELEVATION OF THE EXISTING 6" WATER SERVICE SHALL BE FIELD VERIFIED AND THE APPROPRIATE ADJUSTMENTS MADE. CONTRACTOR TO PROVIDE 6" PIPE, FITTINGS, AND HARDWARE NECESSARY FOR CONNECTION.
  - CONTRACTOR TO FIELD VERIFY EXISTING WATER SERVICES ALONG HAMILTON RD. CONTRACTOR TO PROVIDE 1" WATER SERVICE LINE, VALVES AND NECESSARY FITTINGS AND HARDWARE FOR CONNECTION TO RESIDENTIAL SERVICES.
  - CONNECT THE 1" SERVICE LINE TO THE 6" WATER SERVICE LINE ON THE EAST SIDE OF THE 6" WATER VALVE TO ALLOW FOR INDIVIDUAL SERVICE CONTROL.
  - STEEL CASING TO BE CENTERED ABOVE 24" STORM SEWER CROSSING.
  - TEMPORARILY EXTEND EXISTING FIRE HYDRANT. SEE STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC PLANS.
  - CONTRACTOR TO PROVIDE FOR FLUSHING AND SAMPLING TAPS EVERY 1200 FEET AND AT EVERY CONNECTION.
  - SEE THE REMOVAL/RELOCATION PLANS FOR THE VARIOUS PAY ITEMS AND THEIR LOCATIONS ALONG THE 8" WATER MAIN TO BE ABANDONED, REMOVED, OR ADJUSTED FROM STA. 225+41.3 TO STA. 241+15.0.

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