

SECTION 15185

ABANDONMENT OF MAINS AND HYDRANTS

PART 1: GENERAL

1.01 GENERAL

- A. Upon completion, testing and satisfactory operation of the new mains and connections transfer all services from main to be abandoned to the new main, make designated connections to existing water lines, and install new hydrants. Then cut the existing pipeline to provide a break between the portion of the system remaining in use and the portion to be abandoned, remove all hydrants designated to be abandoned and cap all remaining live ends of the existing mains including hydrant laterals. Completely cover new hydrants with polywrap until the designated hydrants are to be abandoned to prohibit use of the new hydrants until the existing hydrants are removed. Remove and deliver hydrants to the OWNER or disposed of as directed by the ENGINEER. Remove valve boxes of abandoned valves as directed by the Engineer.

B. Cutting and Plugging (Capping)

Cut the existing pipe at the point shown on the plans or designated by the ENGINEER. The method of cutting shall be approved by the ENGINEER. The plugs and/or caps used in connection with the work under this item shall be either mechanical joint or slip joint as compatible with the pipe being capped and shall be manufactured in accordance with AWWA Specification C-110. After the plug or cap is installed, provide the required blocking to adequately brace the plug or cap. Blocking may be used temporarily against the abandoned pipe. However, the permanent blocking shall be installed such that future disturbances of the abandoned pipe shall not affect the permanent blocking. After the water line has been plugged or capped and the permanent blocking has been installed, backfill the excavation as specified under Section 02210.

1.02 REFERENCES

AWWA M16 Manual, Work practices for Asbestos Cement Pipe

PART 2: PRODUCTS

Not Used

PART 3: EXECUTION

Where AC pipe removal is required, pipe cutting and removal shall only be handled by a company specialized in handling AC pipe that will strictly adhere to the AWWA M16 Manual, Work practices for Asbestos Cement Pipe.

END OF SECTION