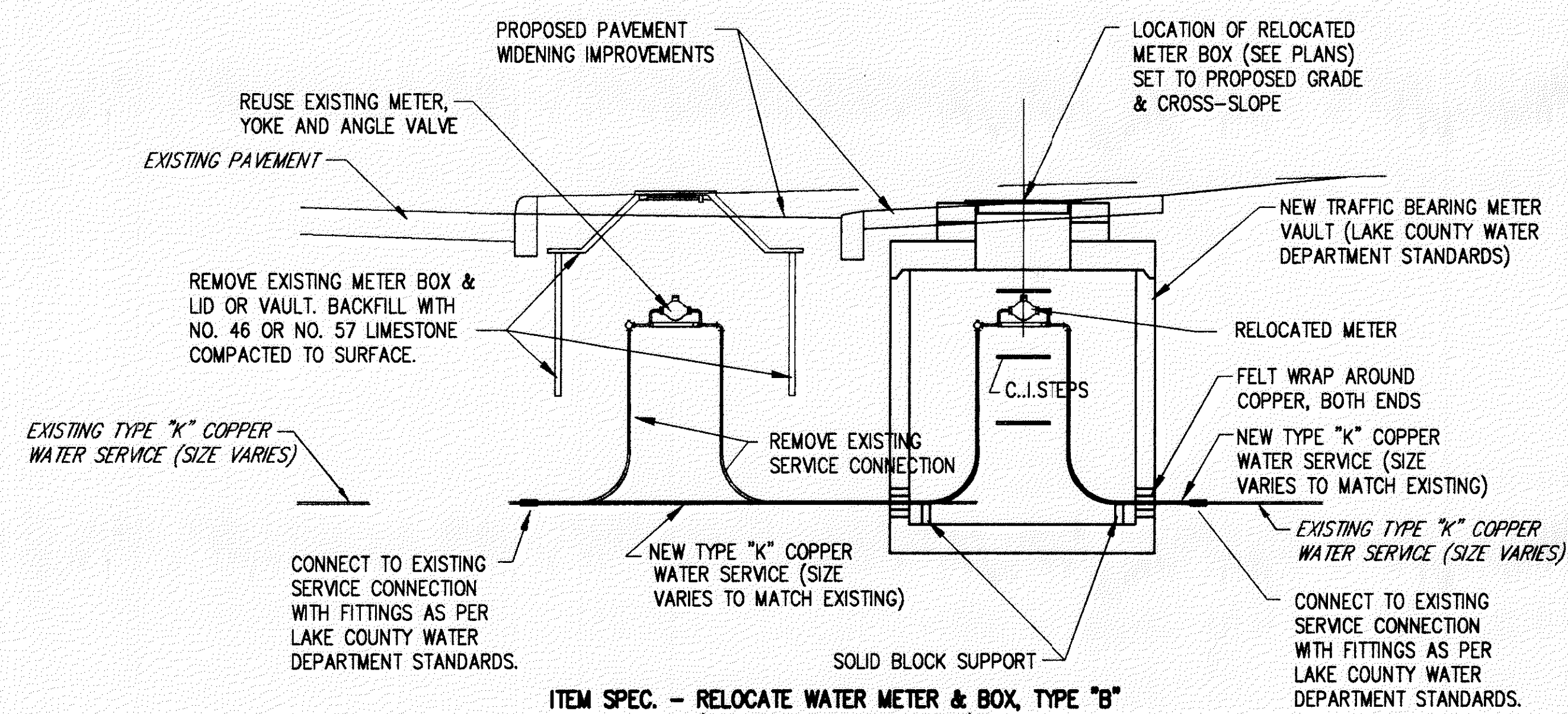


**ITEM SPEC. - RELOCATE WATER METER & BOX, TYPE "A"**  
(FOR NON-TRAFFIC BEARING AREAS)

THIS ITEM SHALL INCLUDE FURNISHING ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO RELOCATE THE EXISTING WATER METER AND PROVIDE A NEW WATER METER BOX AND LID IN ACCORDANCE WITH THE LAKE COUNTY WATER DEPARTMENT STANDARDS, INCLUDING EXCAVATION, DEWATERING, SHEETING, BACKFILL AND ALL OTHER INCIDENTAL MATERIALS AND/OR EXPENSES REQUIRED, WHETHER SPECIFICALLY MENTIONED OR NOT.

PAYMENT WILL BE MADE ON A UNIT BASIS FOR EACH METER BOX RELOCATED, TESTED AND READY FOR SERVICE.



**ITEM SPEC. - RELOCATE WATER METER & BOX, TYPE "B"**  
(FOR TRAFFIC BEARING AREAS)

THIS ITEM SHALL INCLUDE FURNISHING ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO RELOCATE THE EXISTING WATER METER AND PROVIDE A NEW WATER METER VAULT IN ACCORDANCE WITH THE LAKE COUNTY WATER DEPARTMENT STANDARDS, INCLUDING EXCAVATION, DEWATERING, SHEETING, BACKFILL AND ALL OTHER INCIDENTAL MATERIALS AND/OR EXPENSES REQUIRED, WHETHER SPECIFICALLY MENTIONED OR NOT.

PAYMENT WILL BE MADE ON A UNIT BASIS FOR EACH METER BOX RELOCATED, TESTED AND READY FOR SERVICE.

**LAKE COUNTY WATER DEPARTMENT NOTES**

- 1.) ALL WATERLINES WITHIN THE PROJECT AREA BELONG TO LAKE COUNTY AND FALL UNDER THE CONTROL OF THEIR WATER DEPARTMENT.
- 2.) ANY AND ALL CONSTRUCTION OF WATERLINE FACILITIES REQUIRED BY THIS PROJECT IS TO BE GOVERNED BY THE DRAWINGS AND SPECIFICATIONS FOR THIS JOB, WHICH IN EVENT OF A DISCREPANCY, SUPERSEDE THE LAKE COUNTY STANDARD WATERLINE SPECIFICATIONS.
- 3.) THIS APPROVAL BY THE LAKE COUNTY ENGINEER SHALL EXPIRE IF THE WATERLINE CONSTRUCTION HAS NOT BEEN INITIATED BY A DEVELOPER WITHING (12) MONTHS OF THE EFFECTIVE APPROVAL DATE AS SHOWN ON THE ORIGINALLY SUBMITTED FOR APPROVAL BLUEPRINT COPY. (THIS IS NOT TO BE CONSTRUED AS THE DATE THAT IS SHOWN ON THE ORIGINAL MYLAR TITLE SHEET.)
- 4.) THE CONTRACTOR SHALL NOTIFY THE LAKE COUNTY WATER DEPARTMENT (LCWD) AT LEAST 48 HOURS IN ADVANCE OF ANY WORK ON THEIR SYSTEMS.
- 5.) WATERLINE RELATED INSPECTION SERVICES SHALL BE PERFORMED BY THE LAKE COUNTY WATER DEPARTMENT. THE COST OF INSPECTION SHALL BE INCLUDED AS PART OF THIS CONSTRUCTION PROJECT AT A RATE OF \$275.00 PER 8 HOUR DAY. COST FOR LAKE COUNTY INSPECTION FEE AND OTHER FEES SHALL BE INCLUDED IN THE UNIT PRICES BID FOR OTHER WATERLINE ITEMS. OVERTIME. WEEKENDS AND HOLIDAYS SHALL BE AT A RATE OF 1.5 THE BASE RATE.
- 6.) WATERLINE WORK SHALL NOT BEGIN UNTIL THE AREAS OF CONSTRUCTION ARE ROUGH GRADED.
- 7.) ALL WATERLINES ON THIS PROJECT SHALL BE LAID AT THE ELEVATIONS AND GRADES SHOWN ON THE DRAWINGS. HIGH POINTS IN THE WATERLINE MUST OCCUR AT THE STATIONED HYDRANT TEE LOCATIONS.
- 8.) ALL HYDRANTS SHALL BE POSITIONED SO THAT THE STEAMER NOZZLES POINT IN THE DIRECTION OF THE STREET.
- 9.) THE PROPOSED WATERLINE SHALL HAVE 1.5 METERS MINIMUM COVER OVER THE TOP OF PIPE AT ALL PLACES, EXCEPT AT SPECIFIC HYDRANT TEE LOCATIONS AS SHOWN ON THE PLANS.
- 10.) ZINC ANODE THREADED CAPS SHALL BE USED ON EVERY BOLT.
- 11.) ALL SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR PRELIMINARY CHECKING. THE ENGINEER SHALL FORWARD CHECKED SHOP DRAWINGS TO THE LCWD FOR FINAL CHECKING AND APPROVAL.
- 12.) THE LCWD SHALL PROVIDE WATER FOR THE NEW WATER MAIN WITHOUT COST FOR THE INITIAL OPERATION. ALL WATER FOR FLUSHING OPERATIONS SHALL BE PAID FOR BY THE CONTRACTOR AT A RATE OF \$2.60 PER 100 CUBIC FEET OF WATER.
- 13.) ALL WATER MAIN PIPE SHALL BE DUCTILE IRON PIPE, ANSI A21.51, THICKNESS CLASS 53, UNLESS OTHERWISE SHOWN ON THE PLANS, WITH PUSH-ON JOINTS, CEMENT LINED ANSI A 21.4. FITTINGS TO BE DUCTILE IRON MECHANICAL JOINTS ANSI 21.11 UNLESS OTHERWISE SHOWN ON THE PLANS. FITTINGS TO BE FULL BODY-ONLY.
- 14.) LOCATION OF STERILIZATION AND TESTING CONNECTIONS AT VALVES SHALL BE AS DIRECTED BY THE LCWD AND ALL COSTS ASSOCIATED WITH PLACING AND UTILIZING SAID STERILIZATION AND TESTING CONNECTIONS SHALL BE INCLUDED IN THE PRICE BID PER LINEAL METER OF THE WATER MAINS.
- 15.) THE CONTRACTOR SHALL BE APPROVED BY THE LCWD FOR TAPPING SERVICE CONNECTIONS. IF THE CONTRACTOR IS NOT APPROVED, LCWD WILL MAKE THE NECESSARY SERVICE CONNECTION TAPS AT A COST TO THE CONTRACTOR OF \$320.00 PER 50 MM AND GREATER TAPS.
- 16.) NO WATER SERVICE CONNECTIONS TO ANY BUILDING SHALL BE PERMITTED PRIOR TO FINAL ACCEPTANCE BY THE SANITARY ENGINEER WHICH SHALL INCLUDE APPROVED RECTIFICATION OF ALL PUNCH LIST ITEMS.
- 17.) ALL CURB STOP BOXES, VALVE BOXES, ETC. TO BE SET AS SHOWN ON THE PLANS. RIMS WILL BE RAISED OR LOWERED AND BOXES PLUMBED BY THE BUILDER AT TIME OF HOUSE CONSTRUCTION WHEN FINAL YARD GRADING IS COMPLETE.
- 18.) ALL PROJECT HYDRANTS SHALL HAVE FIELD COATS OF APPROVED PAINT APPLIED BY THE CONTRACTOR.
- 19.) FIRE DEPARTMENT SHALL BE NOTIFIED, BY THE CONTRACTOR, OF AND PRIOR TO ANY PRESSURE TESTING.

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