Boring & Jacking Carrier & Casing Pipe

**CONTENTS TO BE HANDLED**
- WATER

**OUTSIDE DIAMETER**
- PIPE MATERIAL: DUCTILE IRON
- SPECIFICATIONS AND GRADE: ASTM A53
- WALL THICKNESS: .375 INCHES
- ACTUAL WORKING PRESSURE: 50 +
- TYPE OF JOINT: PUSH - ON
- COATING: ASPHALTIC PRIMER
- METHOD OF INSTALLATION: PUSH - ON SKIDS
- SEALS: BOTH ENDS - YES
- TYPE: BRICK AND MORTER
- BURY: BASE OF RAIL TO TOP OF CASING
- BURY: (ROADWAY DITCHES)
- CATHODIC PROTECTION

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**CARRIER PIPE**

**WATER**

**CASING PIPE**

- STEEL

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**SMOOTH STEEL CASING PIPE**

"NOTE" ONLY THE WATER PIPE AND BLOCKS WILL BE INSTALLED INSIDE THE CASING. NO OTHER LINES WILL BE INSTALLED INTO THIS CASING PIPE.

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**KICKER BLOCK**

- 20"Ø-3/8" THK. STEEL CASING
- 12" DUCTILE IRON WATER PIPE (CLASS 52)
- STEEL BANDS
- 4"x4" SLOTTED OAK SKIDS @ 1/3 POINTS EACH PIPE LENGTH (2 PER LENGTH)

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**NOTES**

1. CASING PIPE SIZE BASED ON LARGEST BELL O.D. OF D.I. PIPE MANUFACTURED AND NOMINAL CONCRETE PIPE SIZE.
2. CASING THICKNESS 0.375 WITH COATING UNLESS OTHERWISE SPECIFIED.
3. DUCTILE IRON WATER LINE WILL BE CLASS 52.
4. CASING WILL EXTEND 5'-0" BEYOND CURB LINE UNLESS SPECIFIED DIFFERENT.
5. ANY CASING INSTALLED SHALL HAVE THE ENTIRE ANNULAR SPACE BETWEEN THE WATER MAIN AND THE CASING PIPE FILLED WITH GRANULAR OR HIGH DENSITY FLOWABLE FILL MATERIAL.