HYDRANTS:
- 5’ OR 5 1/2’ BURIED OPEN LEFT
- MUELLER SUPER CENTURION 41/2” Valve Opening
- KENNEDY GUARDIAN K-81A 41/2” Valve Opening
- DARLING B-84-B 51/4” Valve Opening

VALVES:
- NON RISING STEM OPEN LEFT, AWWA APPROVED
- MUELLER - KENNEDY - DARLING EPOXY COATED
- MUELLER RESILIENT SEAT EPOXY COATED

MAIN PIPE:
- DUCTILE IRON CEMENT LINED - PRESSURE CLASS 350 OR CLASS 52
  - POLYETHYLENE PIPE WRAP IS REQUIRED IF INSTALLED BELOW TYPICAL HIGH WATER TABLE.

HOUSE SERVICE:
- P. E. TUBING 200 PSI UHMW
- CORPORATION - MUELLER - MC DONALD - RED HED CC x COMPRESSION
- CURB SHUT OFF - MUELLER - MC DONALD - RED HED FLARE X COMPRESSION, without bleeders.
- 5’ - 51/2’ CURB BOX WITH 30” ROD WITH 2 HOLE COVER. PLUG TYPE COVERS NOT PERMITTED

WATER SERVICE METER:
- Typical residential / commercial domestic use
  - INVENSYS iPERL 5/8 x 3/4” GALLON REGISTER with MXU (RADIO READ) W/ TOUCH PAD.
- Commercial / Industrial
  - Sensus Omni meter (Size per specific application approval) GALLON REGISTER with MXU (RADIO READ) W/ TOUCH PAD.
- ALL METERS ARE THE PROPERTY OF THE PROPERTY OWNER

METER FITTINGS:
- WATTS or APOLLO BALL VALVE - TEFLOW COATED
- STRAIGHT METER COUPLING - MUELLER, MACDONALD, or RED HED
- BENDS – COMPRESSION X MALE THREAD
NOTES:
1. ALL NEW WATER MAINS FROM 6" THRU 12" DIAMETER SHALL BE DUCTILE IRON PRESSURE CLASS 350 PIPE.
2. TEFLON TAPE SHALL BE REQUIRED FOR ALL DIRECT TAPS
3. NO DIRECT TAPS GREATER THAN 1" SHALL BE ALLOWED ON 6" THRU 12" DIAM. PIPE
4. ANY BRANCH OR SERVICES LARGER THAN 1" MUST BE ACCOMPLISHED BY INSTALLATION OF APPROPRIATE DUCTILE IRON FITTING

TYPICAL TRENCH RESURFACING
IN STATE HIGHWAY & ON MAIN ROADS

TYPICAL THRUST BLOCK DETAILS
SECTION A-A
NOT TO SCALE

ALL NEW WATER MAINS SHALL BE PRESSURE CLASS 350 DUCTILE IRON EFFECTIVE MARCH 1, 2014

TYPICAL SERVICE CONNECTION
WITH SECOND METER (LAW SPRINKLER SYSTEM)