**GENERAL CONSTRUCTION NOTES**
1. See also City of Fife policy on fire systems connected to the water distribution system.
2. See also City of Fife policy regarding use of polyethylene pipe and anchor tubing in the water distribution system.
3. See also City of Fife policy on premium isolation of domestic water services.
4. All water lines to be constructed to most recent edition of City of Fife - Larosa water and water main installation standards and policies.
5. Provide adequate new water main crossing with storm where separation is less than 1/4 foot.
6. See sheet 114 thru 116 for existing water separation plan.
7. Offset are measured to center of structure and/or pipe.
8. Contractor shall post hold and provide elevation of existing water line and provide vertical and thrust diagrams as required to provide connection to existing water lines.
9. See hydrant hydrant assembly detail on sheet WTD03 for hydrant placement.
10. New water main shall be poly-wrapped.
11. See sheet WTD03 and WTD04 for hydrant installation instructions.
12. New water main pipe shall be D-Cl-3.
13. Water Service Line length is measured to Center of Meter Box.

**UTILITY SEPARATION NOTES**
1. Water main connection to existing system shall not be made until water main to be constructed is installed flushed and tested.
2. Water utility outages shall be kept to a minimum and shall be coordinated with and approved by the City of Fife 7 days in advance.

**UTILITY SHUTDOWN NOTES**
1. Water main connection to existing system shall be made until water main to be constructed is installed flushed and tested.
2. Water utility outages shall be kept to a minimum and shall be coordinated with and approved by the City of Fife 7 days in advance.

---

**LEGEND**
- Water Line
- Valve
- Thrust Block
- Meter
- Fire Hydrant
- RPBA (Reduce Pressure Backflow Assembly)
- Blow-off Valve Assembly
- Air-Vacuum Valve Assembly
- Gap

---

**REFERENCE: CITY OF FIFE WATER STANDARD DETAILS**
- General Notes
- 1" Water Service Connection
- 1-1/2" and 2" Positive Displacement Water Service Connection
- Water Valves
- Polyethylene Enclosure Installation Instructions
- Hydrostatic Pressure Test
- Valve Markers
- Hydrant Markers
- Fire Hydrant Assembly
- Fire Hydrant Assembly
- 2" Blow-off Assembly
- 3" Air-Vacuum Relief Valve Detail
- Horizontal Thrust Blocking
- RPBA Assembly 2 and Smaller
- 2" DCVA Assembly
- 2" Blow-off Assembly

---

**INTERSTATE 5**
**PORT OF TACOMA ROAD INTERCHANGE PHASE 2**

**LEGEND AND NOTES**

---

**DATE**

---

**REV.**

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**DESIGNED BY:**

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**DRAWN BY:**

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**CHECKED BY:**

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**PROJ. MANAGER:**

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**CODE: 9/30/2019 12:37:54 PM**

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S. T. 20N. R. 3E. W.M.

WATERLINE CONSTRUCTION NOTES

1. DEFLECT PIPE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS EXCEPT THAT MAXIMUM DEFORMATION SHALL NOT EXCEED 3 DEGREES

2. 1 - 12" DI TEE (XX)

3. 1 - FIRE HYDRANT ASSEMBLY PER CITY OF FIRE WATER STANDARD DETAIL W9 SEE SHEET W7D00

4. HORIZONTAL THRUST BLOCKING PER CITY OF FIRE WATER STANDARD DETAIL W95 SEE SHEET W7D00

5. 1 - 12" OD 45° BEND (XX)

6. PROVIDE BLOW OFF ASSEMBLY PER CITY OF FIRE STANDARD PLAN W11 SEE SHEET W7D03

7. CONNECT TO EXISTING 12" GATE VALVE

8. PROVIDE REQUIRED VERTICAL SEPARATION FROM EXISTING UTILITIES SEE SHEET WTL01

GENERAL WATER CONSTRUCTION NOTES

1. SEE SHEET WTL01 FOR GENERAL WATER CONSTRUCTION NOTES.

WATERLINE DEMOLITION NOTES

1. PROTECT AND PRESERVE EXISTING UTILITY

2. DEMO EXISTING WATER LINE

3. REMOVED EXISTING FIRE HYDRANT.

4. REMOVE EXISTING WATER VALVE COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL

WATERLINE CONSTRUCTION NOTES

1. SEE DETAIL 1 ON WTL01

WATERLINE DEMOLITION NOTES

1. PROTECT AND PRESERVE EXISTING UTILITY

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WATERLINE CONSTRUCTION NOTES

1. SEE DETAIL 1 ON WTL01

GENERAL WATER CONSTRUCTION NOTES

1. SEE SHEET W7D01 FOR GENERAL WATER CONSTRUCTION NOTES.

WATERLINE DEMOLITION NOTES

1. PROTECT AND PRESERVE EXISTING UTILITY

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WATERLINE CONSTRUCTION NOTES

1. SEE DETAIL 1 ON WTL01

GENERAL WATER CONSTRUCTION NOTES

1. SEE SHEET W7D01 FOR GENERAL WATER CONSTRUCTION NOTES.

WATERLINE DEMOLITION NOTES

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1. SEE DETAIL 1 ON WTL01

GENERAL WATER CONSTRUCTION NOTES

1. SEE SHEET W7D01 FOR GENERAL WATER CONSTRUCTION NOTES.

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WATERLINE CONSTRUCTION NOTES

1. SEE DETAIL 1 ON WTL01

GENERAL WATER CONSTRUCTION NOTES

1. SEE SHEET W7D01 FOR GENERAL WATER CONSTRUCTION NOTES.

WATERLINE DEMOLITION NOTES

1. PROTECT AND PRESERVE EXISTING UTILITY

2. DEMO EXISTING WATER LINE

3. REMOVED EXISTING FIRE HYDRANT.

4. REMOVE EXISTING WATER VALVE COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL

WATERLINE CONSTRUCTION NOTES

1. SEE DETAIL 1 ON WTL01

GENERAL WATER CONSTRUCTION NOTES

1. SEE SHEET W7D01 FOR GENERAL WATER CONSTRUCTION NOTES.

WATERLINE DEMOLITION NOTES

1. PROTECT AND PRESERVE EXISTING UTILITY

2. DEMO EXISTING WATER LINE

3. REMOVED EXISTING FIRE HYDRANT.

4. REMOVE EXISTING WATER VALVE COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL

WATERLINE CONSTRUCTION NOTES

1. SEE DETAIL 1 ON WTL01

GENERAL WATER CONSTRUCTION NOTES

1. SEE SHEET W7D01 FOR GENERAL WATER CONSTRUCTION NOTES.
S. 2. T. 20N. R. 3E. W.M.

GENERAL WATER CONSTRUCTION NOTES
1. SEE SHEET WT03 FOR GENERAL WATER CONSTRUCTION NOTES UTILITY SHUTOFF NOTES AND UTILITY SEPARATION NOTES.

WATERLINE CONSTRUCTION NOTES
1. DEFLECT PIPE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS EXCEPT THAT MAXIMUM DEFLECTION SHALL NOT EXCEED 3 DEGREES.
2. HORIZONTAL THRUST BLOCKING PER CITY OF FIFE WATER STANDARD DETAIL W16 SEE SHEET WT02.
3. 12" DI 60° BEND (XX)
4. PROVIDE REQUIRED VERTICAL SEPARATION FROM EXISTING UTILITIES SEE SHEET WT01.

WATERLINE DEMOLITION NOTES
1. DEMO EXISTING WATER LINE

SHEET KEY

SCALE IN FEET

INTERSTATE 5
PORT OF TACOMA ROAD INTERCHANGE PHASE 2
WATER PLAN

WASHTON

PROVIDE REQUIRED VERTICAL SEPARATION FROM EXISTING UTILITIES SEE SHEET WT01.
GENERAL WATER CONSTRUCTION NOTES
1. SEE SHEET WTL01 FOR GENERAL WATER CONSTRUCTION NOTES, UTILITY SHUTDOWN NOTES AND UTILITY SEPARATION NOTES.

WATERLINE CONSTRUCTION NOTES
1. DEFLECT PIPE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS EXCEPT THAT MAXIMUM DEFLECTION SHALL NOT EXCEED 3 DEGREES.
2. 1 - 12" DI 45° BEND (DX)
3. 1 - FIRE HYDRANT ASSEMBLY PER CITY OF FIFE WATER STANDARD DETAIL W11, SEE SHEET WTD03
4. HORIZONTAL TURNTAK BENDING PER CITY OF FIFE WATER STANDARD DETAIL W12, SEE SHEET WTD02
5. 1 - 12" DI 45° BEND (DX)
6. PROVIDE BLOW OFF ASSEMBLY PER CITY OF FIFE STANDARD PLAN W12, SEE SHEET WTD03
7. PROVIDE AIR/VACUUM ASSEMBLY PER CITY OF FIFE STANDARD PLAN W11, SEE SHEET WTD04
8. REPLACE EXISTING SERVICE LINE, PROVIDE CONNECTION TO EXISTING SERVICE LINE, CONTRACTOR TO POTHOLE AND VERIFY LOCATION OF EXISTING SERVICE LINE
9. PROVIDE REQUIRED VERTICAL SEPARATION FROM EXISTING UTILITIES, SEE SHEET WTD05

WATERLINE DEMOLITION NOTES
1. PROTECT AND PRESERVE EXISTING UTILITY NOTES AND UTILITY SEPARATION NOTES.
2. DEMO EXISTING WATER LINE
3. REMOVE EXISTING WATER VALVE. COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL
4. REMOVE EXISTING FIRE HYDRANT, COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL

SHEET KEY
GENERAL WATER CONSTRUCTION NOTES

1. SEE SHEET WTD03 FOR GENERAL WATER CONSTRUCTION NOTES, UTILITY SHUTDOWN NOTES AND UTILITY SEPARATION NOTES.

WATERLINE CONSTRUCTION NOTES

- Deflect pipe in accordance with manufacturer's recommendations except that maximum deflection shall not exceed 3 degrees.
- 1 - 12" DITEE (500)
- 1 - FIRE HYDRANT ASSEMBLY PER CITY OF FIFE WATER STANDARD DETAIL W10. SEE SHEET WTD03
- Horizontal thrust blocking per city of FIFE WATER STANDARD DETAIL W10. SEE SHEET WTD03
- 1 - 12" TEE
- 3 - 12" GATE VALVE
- PROVIDE REQUIRED VERTICAL SEPARATION FROM EXISTING UTILITIES SEE SHEET WTD03.

WATERLINE DEMOLITION NOTES

1. REMOVE EXISTING WATER VALVE. COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL.
2. DEMO EXISTING WATER LINE
3. REMOVED EXISTING FIRE HYDRANT. COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL.

WATER PLAN

INTERSTATE 5
PORT OF TACOMA ROAD INTERCHANGE PHASE 2
WATER PLAN

SCALE IN FEET

0 20 40

INTERSTATE 5
PORT OF TACOMA ROAD INTERCHANGE PHASE 2

P. LAVOCHIN
V. NIETEN
E. SIRNICH

SHEET KEY

B. LY

SCALE IN FEET
S. 2. T. 20N. R. 3E. W.M.

WATERLINE CONSTRUCTION NOTES

1. DEFLECT PIPE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS EXCEPT THAT MAXIMUM DEFLECTION SHALL NOT EXCEED 3 DEGREES.

2. 1 - 12" DI TEE (XX)

3. 1 - FIRE HYDRANT ASSEMBLY PER CITY OF FIFE WATER STANDARD DETAIL W20 (SEE SHEET WTD03)

4. HORIZONTAL THRUST BLOCKING PER CITY OF FIFE WATER STANDARD DETAIL W20 (SEE SHEET WOD)

5. 1 - 12" DI 22.5° BEND (XX)

6. PROVIDE AIR/VACUUM ASSEMBLY PER CITY OF FIFE WATER STANDARD PLAN W22 (SEE SHEET WTD04)

7. REPLACE EXISTING SERVICE LINE PROVIDE CONNECTION TO EXISTING SERVICE LINE, CONTRACTOR TO POTHOLE AND VERIFY LOCATION OF EXISTING SERVICE LINE.

8. 1 - 12" DI 90° BEND (XX)

9. REPLACE EXISTING FDC LINE PROVIDE CONNECTION TO EXISTING FDC LINE, CONTRACTOR TO POTHOLE AND VERIFY LOCATION OF EXISTING FDC LINE.

10. REPLACE EXISTING SERVICE LINE PROVIDE REQUIRED VERTICAL SEPARATION FROM EXISTING UTILITIES SEE SHEET XXX

WATERLINE DEMOLITION NOTES

1. PROTECT AND PRESERVE EXISTING UTILITY

2. DEMO EXISTING WATER LINE

3. REMOVED EXISTING FIRE HYDRANT COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL

4. REMOVE EXISTING WATER VALVE COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL

5. ABANDON IN PLACE EXISTING WATER LINE, GROUT FILL END LINES.
DEFL ACT PIPE IN ACCORDANCE  WITH MANUFACTURERS RECOMMENDATIONS EXCEPT THAT MAXIMUM DEVIATION SHALL NOT EXCEED 3 DEGREES.

1. 12" DI TEE (XX)

2. 1 - FIRE HYDRANT ASSEMBLY PER CITY OF FIRE WATER STANDARD DETAIL W16 SEE SHEET WTD03

3. HORIZONTAL THRUST BLOCKING PER CITY OF FIRE WATER STANDARD DETAIL W16 SEE SHEET 000

4. 1 - 12" x 45" BEND (XX)

5. REPLACE EXISTING SERVICE LINE PROVIDE CONNECTION TO EXISTING SERVICE LINE CONTRACTOR TO POTHOLE AND VERIFY LOCATION OF EXISTING SERVICE LINE

6. 1 - 12" x 8" REDUCER

7. PROVIDE REQUIRED VERTICAL SEPARATION FROM EXISTING UTILITIES SEE SHEET WTL01

WATERLINE CONSTRUCTION NOTES

GENERAL WATER CONSTRUCTION NOTES

1. SEE SHEET WTD03 FOR GENERAL WATER CONSTRUCTION NOTES UTILITY SHUTDOWN NOTES AND UTILITY SEPARATION NOTES

2. SEE DETAIL 3 ON WTL01

3. GENERAL WATER CONSTRUCTION NOTES

WATERLINE DEMOLITION NOTES

1. PROTECT AND PRESERVE EXISTING UTILITY

2. REMOVED EXISTING FIRE HYDRANT COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL

3. REMOVE EXISTING WATER VALVE COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL

4. ABANDON IN PLACE EXISTING WATER LINE GROUT FILL END LINES

ABANDON IN PLACE EXISTING WATER LINE

GROUT FILL END LINES.

ABANDON IN PLACE EXISTING WATER LINE. COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL.

REMOVE EXISTING WATER VALVE. COORDINATE WITH CITY CONSTRUCTION MANAGER ON DISPOSAL.

PROTECT AND PRESERVE EXISTING UTILITY.

WATERLINE DEMOLITION NOTES

INTERSTATE 5
PORT OF TACOMA ROAD INTERCHANGE PHASE 2
FIFE WATER STANDARD DETAIL W16. SEE DETAIL 3 ON WTL01

WATERLINE CONSTRUCTION NOTES

SHEET KEY

0 20 40 SCALE IN FEET
S. 2. T. 20N. R. 3E. W.M.

GENERAL WATER CONSTRUCTION NOTES

1. SEE SHEET NOTES FOR GENERAL WATER CONSTRUCTION NOTES, UTILITY SHUTDOWN NOTES, AND UTILITY SEPARATION NOTES

2. FOR WATER LINE DETAILS
   - AT VALLEYS SEE SHEET XX
   - AT VALLEY SEE SHEET XX
   - AT BRIDGE SEE SHEET XX

WATERLINE CONSTRUCTION NOTES

1. DEFLECT PIPE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS EXCEPT THAT MAXIMUM DEFLECTION SHALL NOT EXCEED 1 DEGREES.

2. 1 - 12'ITh (XX)

3. HORIZONTAL THRU CONTRACTOR'S PROVISION OF WALLS SEE SHEET XXQ

4. 1 - 12'ITh (XX)

5. PROVIDE WATER LEVEL SCREW ASSEMBLY PER CITY OF FIFE WATER STANDARD PLAN W/1 SHEET W00

6. TIE INTO RECENTLY CONSTRUCTED WATERLINE

SCALE IN FEET

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Sheet Key

PORT OF TACOMA ROAD INTERCHANGE PHASE 2

INTERSTATE 5

WATER PLAN

241

FIFE WASHINGTON

365
EXISTING UTILITY TO BE RELOCATED. PROVIDE REQUIRED VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE. SEE NOTES ON SHEET WTL01.

PROVIDE ETHOFOAM WHERE VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE IS LESS THAN 1'.
EXISTING UTILITY TO BE RELOCATED. PROVIDE REQUIRED VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE. SEE NOTES ON SHEET WTL01.

EXISTING UTILITY TO BE RELOCATED. PROVIDE REQUIRED VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE. PROVIDE ETHOFOAM WHERE VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE IS LESS THAN 1'.

IS LESS THAN 1'.
WATERLINE CONSTRUCTION NOTES

1. EXISTING UTILITY TO BE RELOCATED. PROVIDE REQUIRED VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE. SEE NOTES ON SHEET WTP04.

2. PROVIDE ETHOFOAM WHERE VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE IS LESS THAN 1'.

EXISTING UTILITY TO BE RELOCATED. PROVIDE REQUIRED VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE. SEE NOTES ON SHEET WTP04.
WATERLINE CONSTRUCTION NOTES:
1. EXISTING UTILITY TO BE RELOCATED. PROVIDE REQUIRED VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE. SEE NOTES ON SHEET WTL01.
2. PROVIDE ETHOFOAM WHERE VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE IS LESS THAN 1'.

EXISTING 12" DIP 12" X 6" TEE 12" - 11.25° VERTICAL BEND 12" - 11.25° VERTICAL BEND 12" - 22.5° HORIZONTAL BEND 12" - 22.5° HORIZONTAL BEND

EXISTING UTILITY TO BE RELOCATED. PROVIDE REQUIRED VERTICAL CLEARANCE BETWEEN UTILITY AND WATERLINE. SEE NOTES ON SHEET WTL01.

EXISTING 6" DIP 6" 90° VERTICAL BEND 6" 90° VERTICAL BEND

FIRE HYDRANT

CONNECT TO PHASE 1 12" DIP
HYDRANT LOCATION TABLE

<table>
<thead>
<tr>
<th>CONDITION</th>
<th>FACE OF CURB TO HYDRANT CENTERLINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; MAX</td>
<td>1/2'-6&quot; MIN</td>
</tr>
<tr>
<td>6&quot; (AUXILIARY GATE VALVE)</td>
<td>6&quot; (AUXILIARY GATE VALVE)</td>
</tr>
</tbody>
</table>

NOTES:
1. LOCATE BOX IN PLANTING STRIP OR ADJACENT TO RIGHT-OF-WAY LINE.
2. ALL MATERIAL AND FITTINGS SHALL BE AS SPECIFIED.
3. COUPLINGS SHALL USE PIPE INSERT STRIPPERS.
4. 2" (P.L.) PIPE SHALL BE 200 PSI, AND SHALL MEET ASTM 1248 AND 2236, 2" x 18" BRASS PIPE.

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1. THE FOLLOWING PRECAUTIONS MUST BE OBSERVED WITH CONSTRUCTION THRUST BLOCKS:
   - BLOCKS MUST BE POURED AGAINST UNDISTURBED SOIL.
   - THE PIPE JOINT AND BOLTS MUST BE ACCESSIBLE.
   - BLOCKS MUST BE POSITIONED TO COUNTERACT THE DIRECTION OF THE RESULTANT THRUST FORCE.
   - PLASTIC WRAP BETWEEN PIPE AND CONCRETE THRUST BLOCK SHALL BE PROVIDED.

2. ALL PIPES SHALL BE PROPERLY BEDDED, SEE STANDARD BEDDING DETAILS:
   - BLOCKS MUST BE POURED AGAINST UNDISTURBED SOIL.
   - CONCRETE SHALL BE CURED FOR MIN. OF 5 DAYS AND SHALL HAVE A COMPRESSIVE STRENGTH OF 2,000 LBS AT 28 DAYS.
   - THE PIPE JOINT AND BOLTS MUST BE ACCESSIBLE.
   - BLOCKS MUST BE POURED AGAINST UNDISTURBED SOIL.

3. TO DETERMINE THRUST AT PRESSURES OTHER THAN 200 PSI SHOWN, MULTIPLY THRUST OBTAINED IN THE TABLE BY THE RATIO OF THE PRESSURE BY 100.
   EXAMPLE: THRUST ON A 12" 90DEGREE BEND AT 125 PSI
   \[ \text{Thrust} = 19,900 \times \frac{125}{100} = 24,875 \text{ lbs} \]

4. TO DETERMINE THE VOLUME OF THE THRUST BLOCK:
   EXAMPLE: (100 LBS/FT³ WEIGHT OF CONCRETE)
   \[ \text{Volume} = \frac{24,375}{125} = 195 \text{ ft}^3 = 195 \times 7.5 \text{ cft} = 1,462.5 \text{ cft} \]

5. TO DETERMINE THE BEARING AREA OF THE THRUST BLOCK IN SQUARE FEET (S.F.), SEE TABLE 1, BEARING VALUE OF SOIL.
   EXAMPLE: 24,375 LBS / 12,000 LBS/ S.F. OF AREA

6. PROVIDE TWO 1- INCH MINIMUM DIAMETER RODS ON VALVES UP THROUGH 10-INCH DIAMETER VALVES LARGER THAN 10- INCHES REQUIRE SPECIFIED TIE ROD DESIGN.

<table>
<thead>
<tr>
<th>TABLE 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOIL TYPE</td>
</tr>
<tr>
<td>Clays, etc.</td>
</tr>
<tr>
<td>Gravels</td>
</tr>
<tr>
<td>Sand and Gravel</td>
</tr>
<tr>
<td>Hard Shale</td>
</tr>
</tbody>
</table>

THRUWS BLOCK DETAIL
FLEXIBLE EXPANSION JOINT
CONC WALL FOR PIPE
RECTANGULAR OPENING THRU STRUCTURE, SEE ATTACHED TO BRIDGE PIPE ANCHOR SUPPORT, -
FLANGE LOCATION
FLEXIBLE EXPANSION JOINT (NO END SEAL)
END OF STEEL CASING
10'-0" MAX SPACING, TYP
UNDER APPROACH SLAB
BURIED 20' STEEL CASING UNDER APPROACH SLAB
PPE ANCHOR SUPPORT ATTACHED TO MSE WALL SEE
2'-0" TYP
END SEAL (NOT SHOWN)
FORCED BALANCED FLEXIBLE EXPANSION JOINT IN-LINE OF 12" DP CARRIER PIPE (LENGTH = 6'-0", +/- 4")
20" CONTINUOUS WELDED STEEL CASING (.375" WALL)
10" RESTRAINED JOINT DP, CL 53, TYP
3'-0" C BEARING
2'-0" MIN
23'-0" TYP
STA 16+26.33 MSE WALL
FACE OF STA 16+31.36 OF PAV'T SEAT PIER 1 BACK OF PAV'T BEAT STA 16-31.36
BEARING
START OF APPROACH SLAB STA 16-06.36
FORCED BALANCED FLEXIBLE EXPANSION JOINT IN-LINE OF 12" DP CARRIER PIPE (LENGTH = 6'-0", +/- 4")
20" CONTINUOUS WELDED STEEL CASING (.375" WALL)
10" RESTRAINED JOINT DP, CL 53, TYP
3'-0" C BEARING
2'-0" MIN
23'-0" TYP
STA 16+26.33 MSE WALL
FACE OF STA 16+31.36 OF PAV'T SEAT PIER 1 BACK OF PAV'T BEAT STA 16-31.36