TYPICAL TRENCH AND
PAVEMENT RESTORATION
FOR TRANSVERSE CROSSING

NOTES:
1. CONSTRUCTION SUBMIT ELEVATION MATERIAL
   SHALL BE FREE OF STONES LARGER THAN 3/8" DIA.
2. CONTRACTOR IS RESPONSIBLE FOR FINAL ELEVATION AND LOCATION
   ADJUSTMENTS OF CATCH BASINS, GRATES, MANHOLES DUE TO FIELD
   CONSTRAINTS.
3. THE 12" WEEP HOLE SHALL NOT BE USED IF THE BOTTOM OF
   EXIST. UTILITY
4. CONTRACTOR SHALL DETERMINE PIPE SIZES,
   PIPE INVERT ELEVATIONS AND ANGLES OF PIPE
   INSTALLATION.

1) MINIMAL CONC. STRENGTH FOR ALL CATCH BASINS AND MANHOLE
   DECKS AND FRAME.
2) CONTRACTOR IS RESPONSIBLE FOR FINAL ELEVATION AND LOCATION
   ADJUSTMENTS OF CATCH BASINS, GRATES, MANHOLES DUE TO FIELD
   CONSTRAINTS.
3) WELD OR 2-3/8" THRU BOLTS
   (OUTFALL DIAMETER PLUS 6"
4) NO. OF SHEETS: 0

TYPICAL ROAD SECTION, TYPICAL TRENCH, PAVEMENT AND SWALE
RESTORATION FOR PARALLEL PIPE TRENCH

SILT FENCE DETAIL

CONFlict MANHOLE FOR
NEW STORM SEWERS

POLLUTION RETARDANT BASIN & RAFFLE DETAIL
FOR NEW STORM SEWERS
1. Construct the trench and place the HDPE pipe in the trench. Ensure the pipe is properly aligned and secured.

2. The standard cross section shall be constructed unless other slope conditions or water table level require otherwise. Exception: If the manhole is below the normal water table, unless otherwise shown on the plans.

3. Place filter fabric between layers of rock and grass as well as between rock and subgrade layers.

4. Compact soil surrounding the trench in accordance with City standards.

5. Avoid introducing sand and soil into the trench area.

6. Repair any damage to existing structures as necessary.

7. The existing trench shall be restored to its original condition.

8. Place filter fabric between layer of rock and grass as well as between rock and subgrade layers.

9. Avoid introducing sand and soil into the trench area.

10. Compact soil surrounding the trench in accordance with City standards.

11. Repair any damage to existing structures as necessary.

NOTES:

- 1-1/2" ballast rock
- 6" minimum pipe cover
- 4' minimum solid pipe
- 12" minimum compacted soil
- 12" minimum overlap
- 2' minimum excavation
- 4' minimum excavation
- Pipe - 1-1/2" ballast rock
- Exfiltration trench and 0'
- Rock of sidewalk or slope
- 2-1/2" deep compacted 1-1/2" ballast rock
- Shallowed subgrade
- 2'-1/2" sloped with glue
- 12" deep compacted 1-1/2" ballast rock

EXFILTRATION TRENCH AND CONFLICT PIPE DETAIL (0602)