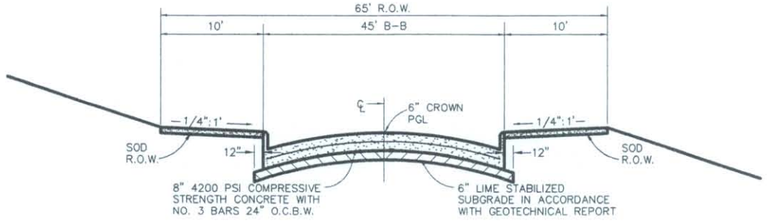
SUPERELEVATION DATA	
STATION −2+00.00	MATCH EXISTING 6" NORMAL CROWN
STATION −1+07.45	END 6" NORMAL CROWN AND BEGIN TRANSITION
STATION 0+27.55	END TRANSITION AND BEGIN FULL SUPERELEVATION (0.30%)
STATION 0+83.35	END FULL SUPERELEVATION (0.30%) AND BEGIN TRANSITION
STATION 2+18.35	END TRANSITION AND BEGIN 6" NORMAL CROWN
STATION 9+18.43	END 6" NORMAL CROWN AND MATCH EXISTING

NORTH TEXAS MUNICIPAL WATER DISTRICT NOTES

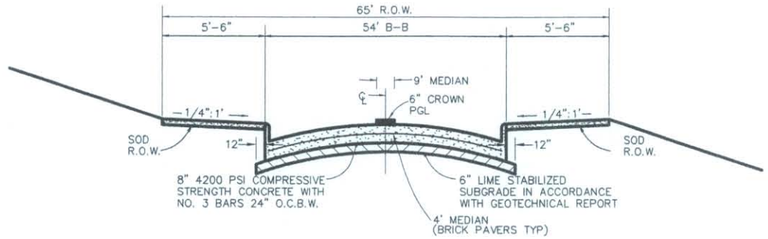
1. North Texas Municipal Water District (NTMWD) 30-inch waterline is located within limits of construction.
2. Operation of heavy earthmoving equipment, compaction equipment or heavy construction equipment, such as concrete trucks, shall be restricted to specific crossing points across NTMWD easements, as approved by the NTMWD. The crossings shall be designated and verified to provide a minimum of five-feet of cover.
3. To assure that placing of significant loads over the NTMWD pipeline does not damage the existing pipeline, no materials shall be stockpiled on the NTMWD easement, without authorization from the NTMWD. If the contractor desires to use NTMWD easement for stockpile of materials, contact NTMWD Engineering at (972) 442-5405 so your plans for use of the NTMWD easement can be reviewed.
4. Unless otherwise shown or required a minimum of one-foot clearance shall be provided for all utilities crossing the NTMWD pipelines.
5. "The contractor shall contact NTMWD Engineering at (972) 442-5405 at least 48 hours prior to performing any work in the vicinity of the NTMWD facilities."

PAVING GENERAL NOTES

1. Unless otherwise noted, all material and construction shall conform to applicable specifications of the City of Rockwall with amendments - The North Central Texas Council of Governments "Standard Specifications for Public Works Construction", Parts II and III, latest edition. Refer to applicable City of Rockwall "Standard Construction Details", latest edition (Rev. August, 2003).
2. All curb dimensions are to back of curb.
3. Pavement reinforcing will be grade 60.
4. For details of paving joints see Rockwall's "Standard Construction Details", Sheet SD-3.
5. Hydrated lime will be applied as a slurry.
6. Construct a barrier-free curb and ramp at all street intersections. See Rockwall's "Standard Construction Details", Sheet SD-P33.
7. Contractor will be responsible for field verifying the location of all existing utilities prior to his operations.
8. Installation, maintenance and removal of traffic safety devices for all construction in or contiguous to existing pavement, will be at the expense of the contractor and will follow as a guide "The Manual of Uniform Traffic Control Devices", latest edition.
9. Unless shown otherwise, all street pavement on this project will be 8"-4200 psi on 6"-6% lime min. and having a minimum compressive strength of 4200 psi at 28 days (6.5 sacks min. of cement/CY). Refer to City of Rockwall Standard Details Sheets SD-P01 through 19 for additional reference. All street pavement will be constructed on a 6" lime stabilized subbase with lime applied at a minimum rate as directed in the geotchnical report, but not less than 32#/SY and Compacted to a density not less than 95 percent, laboratory tests must be submitted to the engineering department for approval to determine amount of lime required. Laboratory test may be waived provided at least 36 lbs. of lime per sq yd. is used. SEE ITEM 4.6,4 SPECIAL PROVISIONS
10. Upon completion of utility work and prior to lime stabilization operations, the engineer will verify areas that can suitably be stabilized and other areas which, in his opinion, may require additional removal of weathered shale. Remove the weathered shale at the direction of the engineer as follows:
    - A. To a point 1 foot behind the back of curb.
    - B. To a point 6" below the bottom of the proposed pavement.
11. Replace this excavated shale with an approved onsite material and continue lime stabilization.
12. Bar chairs or an approved device shall be furnished.
13. Bar laps shall be thirty diameters.
14. Utility adjustments will not be paid for separately and associated costs shall be considered subsidiary to construction.
15. All fill shall be compacted using a sheep's footer roller.

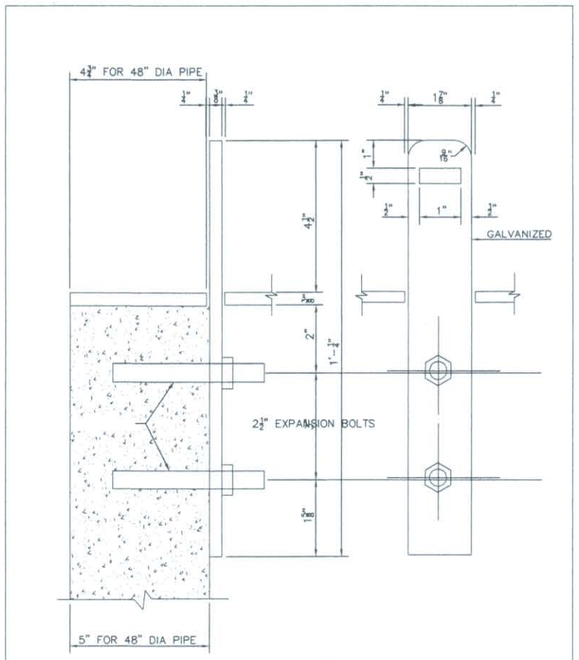


TYPICAL STREET SECTION
* STATION −2+00.00 TO STATION −0+98.44
* STATION 2+09.35 TO STATION 9+18.43
N.T.S.

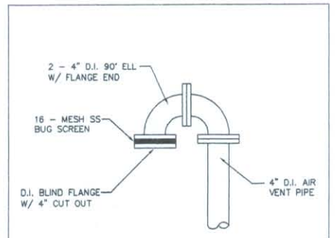


TYPICAL STREET SECTION
* STATION 0+01.56 TO STATION 1+09.35
N.T.S.

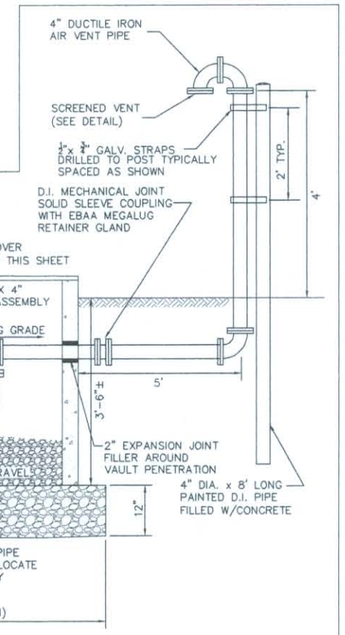
* NOTE:
40:1 PAVEMENT TRANSITION FROM
STATION −0+98.44 TO STATION 0+01.56 AND
STATION 1+09.35 TO STATION 2+09.35



DETAIL "C"

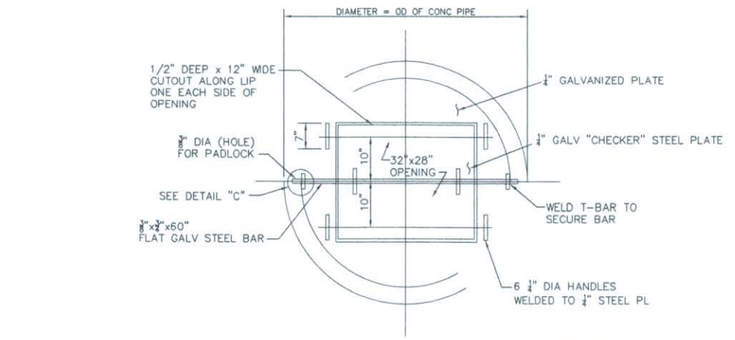


SCREENED VENT
NTS



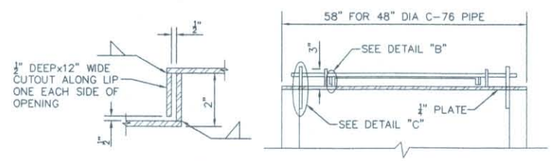
NOTES:
1. ALL PIPE FITTINGS SHALL MEET AWWA C110 FOR DIP CLASS 50 WITH FLANGED JOINTS. COAT BOLTS & NUTS WITH KOPPERS BITUMASTIC NO 50
2. RELOCATION OF THE AIR RELEASE VALVE AND VAULT WILL REQUIRE CLOSING OF THE EXISTING BUTTERFLY VALVE, WHICH WILL REMAIN IN PLACE.
3. THE CLOSING OF THE BUTTERFLY VALVE WILL BE CONDUCTED BY NTMWD OPERATIONS PERSONNEL ONLY. SCHEDULING AND COORDINATION OF THIS WORK BY THE CONTRACTOR WITH THE NTMWD WILL REQUIRE A MINIMUM OF ONE WEEK NOTICE IN ADVANCE.

TYPICAL - AIR & VACUUM RELEASE VALVE
OFFSET INSTALLATION
NTS



PLAN

PROVIDE ONE PADLOCK WITH EACH COVER. PADLOCK SHALL BE KEYED TO MATCH OWNER'S LOCKS.



DETAIL "B"
NTS

SECTION

TYPE 1 MANHOLE COVER - DETAIL "A"
NTS

APPROVED FOR CONSTRUCTION
SEP 14 2006
City of Rockwall Engineering Dept.
City Engineer: _____

CONTROL POINTS:	BENCHMARKS:	NO.	REVISION	BY	DATE
1.	1.				

DESIGNED BY : PBSJ
DRAWN BY : PBSJ
CHECKED BY : PBSJ
SCALE: NTS
DATE : JUNE 12, 2006

STATE OF TEXAS — BERNARD D. HIETBRINK — 78466 — REGISTERED PROFESSIONAL ENGINEER — 06/19/06

PBSJ
18383 PRESTON ROAD ~ SUITE 500
DALLAS, TEXAS 75252
PH. (972) 818-7275 FAX (972) 380-2609

GENERAL NOTES AND TYPICAL SECTIONS
INDUSTRIAL BOULEVARD IMPROVEMENTS
RAILROAD TO AIRPORT ROAD
CITY OF ROCKWALL
JUNE 2006

SHEET NO. 2
OF 8 SHEETS
FILE NO. 520392.00