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2005 NTTA - Keller Springs Toll Plaza & Right
Turn Lane

Turn Lane



NORTH TEXAS TOLLWAY AUTHORITY

5900 W. Plano Parkway, Suite 100, Plano, TX 75093
P.O. Box 260729, Plano, TX 75026
214.461.2000 Fax 214.528.4826

February 10, 2005

Mr. James C. Pierce, Jr., P.E.
Town of Addison
P.O. Box 9010
Addison, Texas 75001-9010

Dear Mr. Pierce:

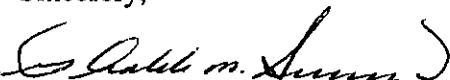
In the meeting held January 10, 2005, the Town of Addison expressed access concerns to the fire hydrants behind the metal beam guard fence adjacent to the Addison Airport Toll Tunnel (AATT), and requested assistance from the North Texas Tollway Authority (NTTA) in resolving this matter.

Records indicate that in October of 2001 the Town of Addison let a contract for a waterline replacement project running along the south end of the airport, along Lindberg Drive. The NTTA and their General Engineering Consultant (GEC) prepared an addendum to this contract, which included general notes and layout sheets detailing the installation of the fire hydrants adjacent to the AATT. The sheets have been attached for your information. Please reference the highlighted text on the hydrant installation note sheet. This note indicates that the fire hydrant was to be installed and positioned in a manner that would allow proper access. It appears that the contractor did not install the fire hydrant as noted in the plans.

The NTTA suggests that the Town of Addison twists the hydrants as noted in the plans. Another option would be for the Town to raise the hydrants above the metal beam guard fence.

If you have any questions or require anything further, please feel free to contact me at (214)461-2058 or Ghaleb Sunna at (214)461-2060.

Sincerely,


For Mark A. Bouma, P.E.
Director of Engineering

Enclosures

cc: Jerry Hiebert, NTTA
Allan Rutter, NTTA
Ghaleb Sunna, NTTA
John Becker, HNTB
Stephanie Halliday, HNTB

GENERAL NOTES:

ALL WATER CONSTRUCTION SHALL CONFORM TO TOWN OF ADDISON WATER UTILITIES DRAWINGS, DETAILS AND STANDARD APPURTENANCES FOR WATER CONSTRUCTION EXCEPT AS SPECIFICALLY NOTED IN THESE PLANS. THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SHALL GOVERN MATERIALS, METHODS AND TESTING.

PVC WATER MAINS SHALL BE AWWA C-900 SDR 18. ALL FITTINGS AND D.I. PIPE SHALL BE POLYWRAPPED. GATE VALVES SHALL CONFORM TO TOWN OF ADDISON SPECIFICATION • GV-95.1. FIRE HYDRANTS SHALL CONFORM TO SPECIFICATION • FH-95.1

THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING AND ADJUSTING TO FINISHED GRADE, ALL PROPOSED AND EXISTING APPURTENANCES SUCH AS VALVE COVERS, CLEANOUTS, FIRE HYDRANTS, ETC. WHICH ARE WITHIN THE WORK AREA. MULTIPLE PIECE HYDRANT EXTENSIONS WILL NOT BE PERMITTED. CONTRACTOR SHALL CONFIRM DEPTH OF BURY AT HYDRANT PRIOR TO INSTALLATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL EXISTING UTILITIES INCLUDING STORM DRAINS AND UNDERDRAINS WHICH ARE DISTURBED BY THE CONTRACTOR'S OPERATIONS

THE CONTRACTOR WILL BE PERMITTED TO TAKE THE TUNNEL WATER LINE OUT OF SERVICE FOR NO LONGER THAN 24 HOURS TO PERMIT THE CUT IN OF THE HYDRANT TEES. THE TOWN OF ADDISON STAFF SHALL OPERATE VALVES FOR CLOSURE. THE CONTRACTOR ALONG WITH NTTA WILL ASSIST IN IDENTIFYING VALVES FOR CLOSURE.

THE CONTRACTOR WILL BE LIMITED TO WORKING IN THE SHOULDER AREA OF THE ROADWAY ONLY. TEMPORARY LANE CLOSURES WILL NOT BE PERMITTED. THE NORTH TEXAS TURNPIKE AUTHORITY MUST BE NOTIFIED 48 HOURS IN ADVANCE OF ANY TRAFFIC CONTROL DEVICE PLACEMENT. MINIMUM TRAFFIC CONTROL MEASURES INSTALLED BY THE CONTRACTOR SHALL CONFORM TO TxDOT STANDARD TCP(2-1)-98 FOR WORK IN SHOULDER AREAS. SUBSTITUTE "UTILITY" FOR "ROAD" ON WORK ZONE SIGNAGE. ALL OTHER TRAFFIC CONTROL MEASURES SHALL CONFORM TO THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION). THE EXISTING MGBF MUST REMAIN IN PLACE. THE CONTRACTOR MAY ELECT TO MOVE THE FENCE TEMPORARILY TOWARD THE TRAFFIC LANE A DISTANCE OF NOT MORE THAN 2.0 FEET AND RESTRIPE THE EDGE LINE AS DIRECTED BY THE OWNER. ANY WORK RELATED TO MOVING THE MGBF AND PLACING AND REMOVING LANE STRIPING WILL BE DONE ENTIRELY AT THE CONTRACTOR'S EXPENSE. NO ADDITIONAL PAYMENT WILL BE MADE.

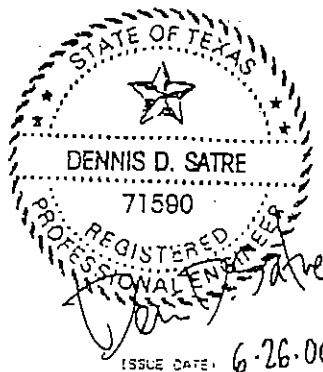
BACKFILL FOR ALL EXCAVATED AREAS SHALL CONSIST OF A 1.5 SACK FLOWABLE BACKFILL WITH NO MORE THAN 50% REPLACEMENT WITH FLY ASH.

PAVEMENT REPAIR SHALL CONSIST OF REPLACING REMOVED SECTIONS WITH 8" REINFORCED CONCRETE (CLASS C) REINFORCED WITH #4 BARS AT 24" CENTERS EACH WAY. ALL CONCRETE REMOVAL SHALL BE ACCOMPLISHED BY FULL DEPTH SAW CUT (8" MAX. CUT).

HYDRANTS SHALL BE ROTATED WITH THE 4" CONNECTION POINT FACING THE CENTERLINE OF THE TUNNEL OPENING. THE HYDRANT WILL BE POSITIONED SO THAT A HOSE CONNECTION TO THE 4" NOZZLE WILL PASS BETWEEN THE METAL BEAM GUARD FENCE SUPPORT POSTS AND UNDER THE RAIL SECTION.

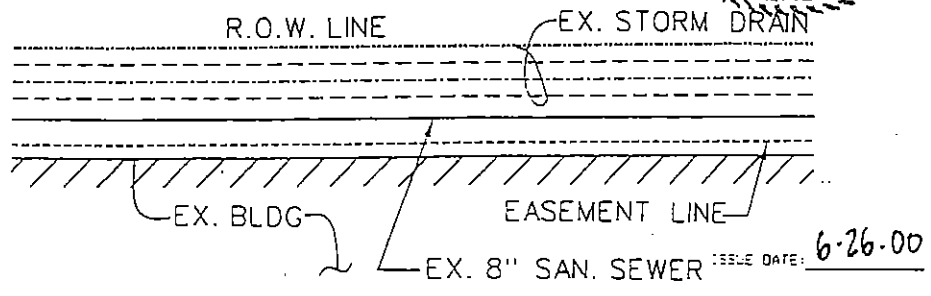
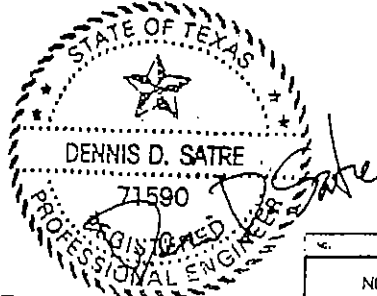
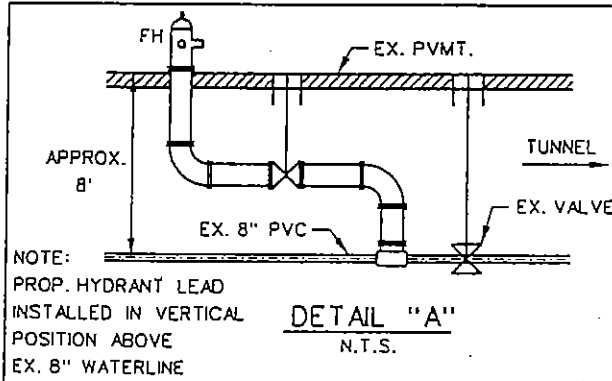
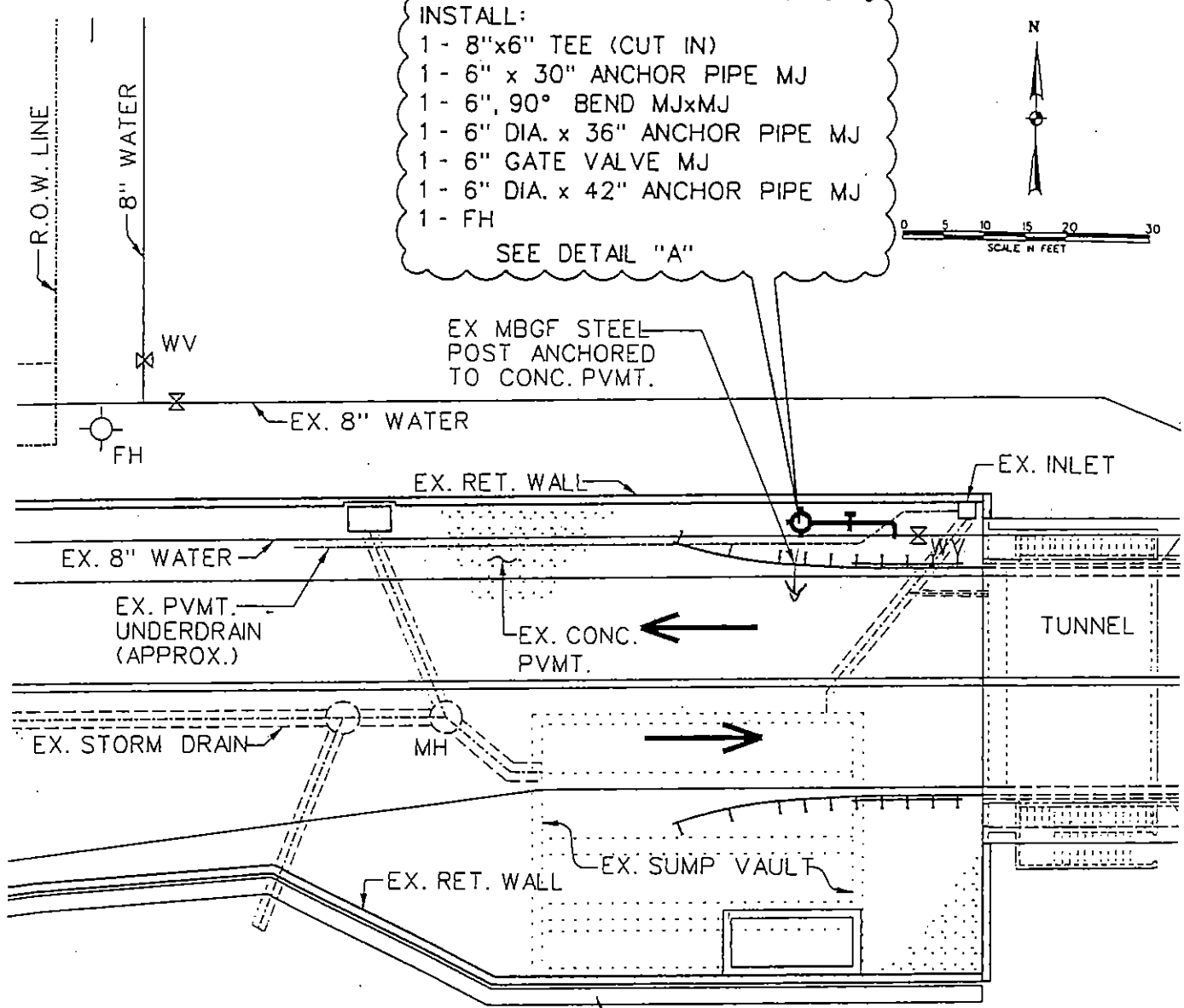
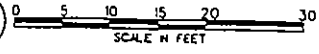
THE HYDRANTS SHALL BE LOCATED SUCH THAT A MINIMUM 24" HORIZONTAL CLEARANCE IS MAINTAINED

FLUSHING OF THE SYSTEM SHALL BE DONE THROUGH HOSES PLACED TO DISCHARGE INTO INLETS.



NO. _____		REVISION _____		DATE _____	
NORTH TEXAS TOLLWAY AUTHORITY ADDISON AIRPORT TOLL TUNNEL					
HYDRANT INSTALLATION NOTES					
Half Associates				AATT	
DESIGNED _____	DATE _____	DESIGNED _____	DATE _____	SCALE	NA
CONTRACT NO. DNT - SHEET 3 OF 3					

INSTALL:
 1 - 8"x6" TEE (CUT IN)
 1 - 6" x 30" ANCHOR PIPE MJ
 1 - 6", 90° BEND MJxMJ
 1 - 6" DIA. x 36" ANCHOR PIPE MJ
 1 - 6" GATE VALVE MJ
 1 - 6" DIA. x 42" ANCHOR PIPE MJ
 1 - FH
 SEE DETAIL "A"



REVISION		DATE
NORTH TEXAS TOLLWAY AUTHORITY ADDISON AIRPORT TOLL TUNNEL		
HYDRANT INSTALLATION WEST PORTAL		
Half Associates		AATT
DESIGNED	DATE	SCALE 1"=20'
CHECKED	DATE	
CONTRACT NO. DNT	SHEET	1 OF 3

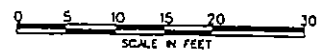
ISSUE DATE: 6-26-00



EASEMENT LINE

R.O.W. LINE

- 1 - 8"x6" TEE (CUT IN)
- 1 - 6" 90° HORIZ. BEND MJ
- 1 - 6" GATE VALVE MJ
- 2 - 6" ANCHOR COUPLING
- 1 - 6" DIA. X 24" ANCHOR PIPE MJ
- 1 - FH



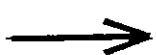
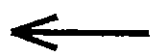
TUNNEL

EX. INLET

WV

EX. RET. WALL

EX. 8" WATER



EX. SUMP VAULT

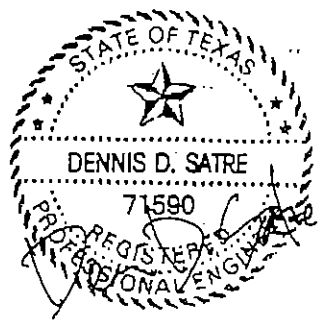
MH

EX. STORM DRAIN

CONC. FLUME

EX. SAN. SEWER

SAN MH



REVISION		DATE
NORTH TEXAS TOLLWAY AUTHORITY ADDISON AIRPORT TOLL TUNNEL		
HYDRANT INSTALLATION EAST PORTAL		
Half Associates		AATT
DESIGNED	DATE	
CHECKED	DATE	SCALE 1"=20'
CONTRACT NO. DNT		SHEET 2 OF 3

ISSUE DATE 6-26-00

Mike - 1/31
Have you
seen this?
Chris

MEMORANDUM

DATE: January 11, 2001
TO: Ron Whitehead, City Manager
FROM: Bill Shipp
SUBJECT: Toll Tunnel Debt Service

I obtained the following information telephonically from Susan Buse, Director of Finance, NTTA, on January 9 and 11, 2001.

Note: All numbers are rounded for ease of use.

Original Bond Issue	\$26.8 million
Interest on Debt for 2001	\$2.184 million
Daily Interest on Debt (during 2001)	\$6,000 per day
Number of transactions required to pay the debt service	12,000 transactions per day
Actual average daily transactions are approximately	8,400 transactions per day

Wilbur Smith Associates' independent estimates made in 1994 were:
2000 15,600 transactions per day
2001 16,900 transactions per day
Note: These estimates were required in preparation for the Bond Issue.

Since the Tunnel is part of the larger system, NTTA does not have a breakout of operations and maintenance cost for just the Tunnel.

DART believes (per Susan) that light timing at both ends of the tunnel will increase the flow through the tunnel.

NORTH TEXAS TOLLWAY AUTHORITY
 PRECONSTRUCTION CONFERENCE
 Proposal For Construction
 Of Grading, Drainage, Paving and Structures
 For Widening of Main Lane Plaza No. 2
 President George Bush
 DNT 362

July 27, 2000
 2:30 p.m.

<u>NAME</u>	<u>COMPANY</u>	<u>ADDRESS</u>	<u>TELEPHONE NO.</u>
DON LEA	World Com	2250 LALESIDE	214-632-6453
RKland	MCE		972-233-6700
MARK BOUMA	NTTA	5900 WEST PLANO PKWY	214-461-2000
Kussell Haruch	TSC	PO Box 210768 Dallas	214/330-5229
RON DALTON	TSC	P.O. BOX 210768	214/330-5229
CURTIS OPPERMAN	BAR	16610 DALLAS PKWY	972 267-0444
Chris Campbell	BAR	"	" " "
Don Aldridge	BAR	"	" " "
Chris Turner	BAR	"	" " "
Jim Pierce	Addison	PO Box 9010, 75001	972-450-2879
Kenneth Brook	City of Dallas	3204 Canton	214 957 2690
Les Selensky	HNTB	14114 Dallas Pkwy.	972.628.3131
Alan Kowalik	NTTA	16610 DALLAS PKWY	972 267-0465
GREG STEWART	DPS/NTTA	15909A Dallas Pkwy	972-490-1255
Todd M.H.	Carr America	15950 N Tollway	972 404 2200
Marilyn Weinberger	"	"	" "
LIZA MUÑOZ	DWU	320 E. JEFFERSON	214-948-4618
MARIA BETANCOURT	DWU	"	214-948-4651



NORTH TEXAS TOLLWAY AUTHORITY

3015 Raleigh Street
P.O. Box 190369 ▶ Dallas, TX 75219
214-522-6200 ▶ Fax 214-528-4826

July 27, 2000

Texas Standard Construction, Inc.
P.O. Box 210768
Dallas, Texas 75211

Attn: Mr. Ronald H. Dalton
President

RE: DNT 362 – Construction of Grading, Drainage, Paving and Structures
For the Widening of Main Lane Plaza No. 2.
Section VII – Dallas North Tollway

Gentlemen:

Both parties have executed the above referenced contract. Two copies of the fully executed instruments are enclosed. This letter shall constitute a Notice to Proceed that hereby authorizes you to begin construction of the work covered by this contract on this date. In accordance with Item 8 and SP, time charges shall commence August 7, 2000. The contract time for this project is 365 calendar days.

Yours very truly,

Mark A. Bouma, P.E.
Director of Engineering

Enclosures

cc: Brown & Root, Inc.
HNTB Corporation
Alan Hendrix-City of Dallas
Jim Pierce-City of Addison
LLS
Administration
Armando Garza
Katharine Nees

N:\NTTA\DNT-362\Notice to Proceed.doc



NORTH TEXAS TOLLWAY AUTHORITY

3015 Raleigh Street
P.O. Box 190369 • Dallas, TX 75219
214-522-6200 • Fax 214-528-4826

July 21, 2000

Texas Standard Construction, Inc.
P.O. Box 210768
Dallas, Texas 75211

Attn: Mr. Ronald H. Dalton
President

RE: DNT 362 – Construction of Grading, Drainage, Paving and Structures
For the Widening of Main Lane Plaza No. 2.
Section VII – Dallas North Tollway

Gentlemen:

A preconstruction meeting for above referenced project has been set for 2:30 p.m., July ²¹~~24~~, 2000 at the offices of the North Texas Tollway Authority, 16610 Dallas Parkway, Suite 2300, Dallas, Texas. The purpose of this meeting will be to discuss project management, communications, right-of-way, scheduling, reports, safety, public relations, utilities and other items appropriate to the construction of the project. Your project management personnel and all major subcontractors should attend.

The NTTA, by copy of this letter, is notifying and requesting attendance of other parties having an interest in this project.

Yours very truly,

Mark A. Bouma, P.E.
Director of Engineering

cc: Brown & Root, Inc.
HNTB Corporation
Katharine Nees
DPS, Sgt. Diggs
TXU – Reeves Partain
TXU – Howard Lewis
City of Addison – Jim Pierce

TR Industries (for SWBT) – Thomas Ross
DWU – Maria Betancourt
Explorer Pipeline – Jack Phillips
AT&T Cable Service – Steve Mills
MCI – Erik Baker
City of Dallas – Alan Hendrix