

PROJECT: Addison Airport Tunnel  
 DATE: 4/20/99 SUPPLEMENTAL AGREEMENT NO. 29  
 SHEET NO. 1 OF 3 CONTRACT NO. DNT-260  
 H.B. Zachry Company, Factory Construction Corporation  
 PO Box 531558, Grand Prairie, TX 75053  
 (ADDRESS)

AGREEMENT SHALL PERTAIN TO ONLY ONE CONTRACT AND SHALL BE NUMBERED CONSECUTIVELY FOR EACH CONTRACT.  
 AUTHORIZATION IS HEREBY REQUESTED FOR THE PERFORMANCE OF EXTRA WORK UNDER THE ABOVE CONTRACT DESCRIBED AS FOLLOWS (ATTACH DRAWING OR SKETCHES WHERE APPLICABLE) (EXPLAIN BELOW IF REQUIRED)

Contractor proposes to install a directional arrow using reflective markers near the east bound exit. Total price for this work including traffic control is as follows:

Install Directional Arrow	\$437.50
---------------------------	----------

An electrical change is needed to accommodate the removal of the east & west sump for maintenance. Total cost of this change is as follows:

Electrical work for the disconnect of the pumps at the east & west sump areas	\$3,240.27
---	------------

Additional equipment (strainers and regulators) is needed to connect the emergency generators to the natural gas pipeline. Total cost for this installation is:

Additional equipment	\$2,146.05
----------------------	------------

The sign foundation for overhead sign #1 had to be reworked in order to miss water line W-1, and electrical cables. The involved reworking the steel for the ground shaft, and furnishing a concrete for the top of the drilled pier. Total cost of this operation is:

Re-work sign foundation	\$2,370.62
-------------------------	------------

The material supplier, TXL, in error, put fly ash in approximately 54 CY of concrete on Keller Springs, eastbound lane, south side near Addison Road. The strength of the concrete averaged 4962 PSI instead of 5500 as required. A deduction of 30% will be made as per item 420.23 as follows:

ITEM #	DESCRIPTION	PER	QUANTITY	COST	TOTAL
350	Concrete Pavement CP #1	SY	225.42	\$27.35	\$6,165.24
360	Concrete Pavement CP #1	SY	225.42	\$19.15	\$4,318.59
					(\$1,846.65)

Upon completion of the driveway at Concourse Plaza West, there was water trapped on the small apron west of the driveway. It was decided to add a small apron and an inlet directly into the top of the 30" storm sewer line. Total cost of this apron, curb, and inlet is as follows:

ITEM #	DESCRIPTION	PER	QUANTITY	COST	TOTAL
465SP	Special inlet and appurtenances	LS	1	\$1,737.50	\$1,737.50

DNT-260 Supplemental Agreement No. 29 Page 2 of 3

NTTA requested a concrete pad & posts to protect the Photoelectric cells on the north side of the electrical room. Total price for this item is as follows:

Labor	\$443.28
Materials	\$69.75
<b>Total</b>	<b>\$513.03</b>

While laying Storm Sewer Line B, a sanitary sewer line was encountered that required the flow line to be raised. Eleven points of 60" pipe had to be removed and re-laid at the higher elevation. Total cost is as follows:

Equipment	\$1,664.56
Labor	\$3,548.20
Material	\$547.46
Field Engineer	\$508.43
<b>Total</b>	<b>\$6,268.65</b>

Contractor was asked to extend the 2 1/2" coated metal conduit, to the toll plaza from the tunnel plan termination. Total lump sum cost for this item is as follows:

Extend 2 1/2" conduit to toll plaza	\$17,000.00
-------------------------------------	-------------

Several items of electrical work were increased to facilitate construction. Contractor has agreed to furnish these over runs at the original bid price as follows:

Extend 1 1/2" PVC coated conduit from plan termination to accommodate roadway lighting	\$1,850.00
Install pull & junction box to accommodate road lighting	\$3,400.00
Extra 4" PVC coated conduit to accommodate change from electrical room to generators	\$19,300.00

**Total this Supplemental Agreement \$57,413.26**

SUBMITTED BY: BROWN & ROOT, INC. I HAVE HEREBY AGREED THAT THE WORK LISTED IN THIS FOREGOING APPLICATION IS EXTRA WORK AS THE SAME IS DEFINED IN ARTICLE 4 OF THE STANDARD SPECIFICATIONS AND THAT I WILL PERFORM SAID WORK IN CONSIDERATION FOR PAYMENT AND COMPENSATION AS SPECIFIED ABOVE.

RECOMMENDED FOR APPROVAL: Ginn Corporation (DATE) \_\_\_\_\_

CONTRACTOR: M.B. Zachry Construction Corporation (DATE) \_\_\_\_\_

APPROVAL RECOMMENDED NORTH TEXAS TOLLWAY AUTHORITY: David S. Zachry, President, CH2M Group (DATE) \_\_\_\_\_

BY: SURETY: American Home Assurance Company (DATE) \_\_\_\_\_

APPROVED NORTH TEXAS TOLLWAY AUTHORITY: Katherine Ramirez, Attorney-In-Fact (DATE) 05/06/99

BY: DEPUTY EXECUTIVE DIRECTOR (DATE) \_\_\_\_\_

\*Signed subject to Zachry Construction Corporation Letter No. 266, dated May 10, 1999.

PROJECT: Addison Airport Tunnel  
 DATE: 6/11/99 SUPPLEMENTAL AGREEMENT NO. 30  
 SHEET NO. 1 OF 3 CONTRACT NO. DNT-260  
 H.B. Zachry Company  
 PO Box 531558, Grand Prairie, TX 75053  
 (ADDRESS)

AGREEMENT SHALL PERTAIN TO ONLY ONE CONTRACT AND SHALL BE NUMBERED CONSECUTIVELY FOR EACH CONTRACT.  
 AUTHORIZATION IS HEREBY REQUESTED FOR THE PERFORMANCE OF EXTRA WORK UNDER THE ABOVE CONTRACT DESCRIBED AS FOLLOWS (ATTACH DRAWING OR SKETCHES WHERE APPLICABLE) (EXPLAIN BELOW IF REQUIRED)

There were no provisions for pane release bar on the inside of the door to the MEP room. The cost of this material is as follows:

Material	\$552.45
Labor & Burden	\$183.75
<b>Total this change</b>	<b>\$736.20</b>

The exhaust vent near the east portal has been replaced with a keystone retaining wall. This necessitated additional excavation for the Type A Furne. Also, riprap needs to be added on both sides of the furnace, also requiring additional excavation. This added excavation is in hard Austin Chalk, and has very limited access to the usual excavating equipment. Some removal of the exhaust vent is also necessary for the riprap. Cost of this item is as follows:

Extra Riprap & Extra Excavation with rented backhoe	\$5,348.71
417.87 SY Riprap (84 price) @ 41.00	\$17,124.47
<b>Total this change</b>	<b>\$22,473.18</b>

Water is seeping into the electrical box located at the east portal face wall. Contractor proposes to raise the box and construct a curb around the box. Total lump sum price for this change is:

Water seepage work	\$471.50
--------------------	----------

The fence contractor reduced the size of the post holes, thereby reducing the amount of concrete necessary to set the fence posts. We feel that with the rock encountered, and the slow ramp ground around the posts, the fence, as required, makes the most of the specifications. However, NTTA requires a reduction in costs to offset the saving to the contractor. Total credit for concrete not used is as follows:

Credit for reducing amount of concrete	(\$1,650.00)
--	--------------

**Total this Supplemental Agreement \$21,740.68**

DNT-260 Supplemental Agreement No. 30 Page 2 of 2

SUBMITTED BY: BROWN & ROOT, INC. I HAVE HEREBY AGREED THAT THE WORK LISTED IN THIS FOREGOING APPLICATION IS EXTRA WORK AS THE SAME IS DEFINED IN ARTICLE 4 OF THE STANDARD SPECIFICATIONS AND THAT I WILL PERFORM SAID WORK IN CONSIDERATION FOR PAYMENT AND COMPENSATION AS SPECIFIED ABOVE.

RECOMMENDED FOR APPROVAL: Ginn Corporation (DATE) \_\_\_\_\_

CONTRACTOR: M.B. Zachry Construction Corporation (DATE) \_\_\_\_\_

APPROVAL RECOMMENDED NORTH TEXAS TOLLWAY AUTHORITY: Ralph Wilson, Operations Mgr. (DATE) 07/06/99

BY: SURETY: American Home Assurance Company (DATE) \_\_\_\_\_

APPROVED NORTH TEXAS TOLLWAY AUTHORITY: Katherine Ramirez, Attorney-In-Fact (DATE) 07/06/99

BY: DEPUTY EXECUTIVE DIRECTOR (DATE) \_\_\_\_\_

PROJECT: Addison Airport Tunnel  
 DATE: 8/16/99 SUPPLEMENTAL AGREEMENT NO. 31  
 SHEET NO. 1 OF 3 CONTRACT NO. DNT-260  
 H.B. Zachry Company  
 PO Box 531558, Grand Prairie, TX 75053  
 (ADDRESS)

AGREEMENT SHALL PERTAIN TO ONLY ONE CONTRACT AND SHALL BE NUMBERED CONSECUTIVELY FOR EACH CONTRACT.  
 AUTHORIZATION IS HEREBY REQUESTED FOR THE PERFORMANCE OF EXTRA WORK UNDER THE ABOVE CONTRACT DESCRIBED AS FOLLOWS (ATTACH DRAWING OR SKETCHES WHERE APPLICABLE) (EXPLAIN BELOW IF REQUIRED)

In January, 1998, a rock slide occurred near the east portal of the Addison Airport Tunnel. At the time, the amount of clean up was difficult to estimate, and it was decided to do the clean up by Force Account. All repair work has been paid by signed union tickets. The amount of time added to the contract has now been established as 27 calendar days. This is the time that the completion of the contract was actually delayed by the rock slide. Even though the clean up occurred over several weeks, other work was being accomplished at the same time. Charges for project overhead have been gathered and are summarized below. Charges for the clean up items are not summarized. Paid invoices have been delivered to substantiate these charges, and are on file in the project records. Payroll records are a part of these proofs of expenditures. The summaries are as listed:

Overhead for 27 calendar days:	
Labor	\$22,148.24
Equipment	\$8,789.60
Misc. Project office overhead	\$17,787.90
Subtotal	\$48,655.74
0052 Home Office Overhead	\$3,042.68
Subtotal	\$51,728.60
Profit @ 5.33%	\$2,727.13
<b>Total Overhead</b>	<b>\$54,455.73</b>

Force Account work for removal of Slide debris:	
Labor	\$16,162.32
Equipment	\$1,616.23
Material	\$28,640.00
R Do Equip.	\$7,541.49
Subtotal	\$53,960.04
Profit @ 5.33%	\$2,863.16
<b>Total Force Account</b>	<b>\$56,823.20</b>

DNT-260 Supplemental Agreement No. 31 Page 2 of 2				
Materials & Supplies	\$1,941.60	\$194.16	\$320.35	\$2,456.12
SC & Hauling	\$7,583.00	\$758.30	-	\$8,341.30
<b>Total Removal Costs</b>	<b>\$9,524.60</b>	<b>\$952.46</b>	<b>\$320.35</b>	<b>\$10,807.41</b>
<b>Total this Supplemental Agreement</b>	<b>\$122,608.13</b>			

SUBMITTED BY: BROWN & ROOT, INC. I HAVE HEREBY AGREED THAT THE WORK LISTED IN THIS FOREGOING APPLICATION IS EXTRA WORK AS THE SAME IS DEFINED IN ARTICLE 4 OF THE STANDARD SPECIFICATIONS AND THAT I WILL PERFORM SAID WORK IN CONSIDERATION FOR PAYMENT AND COMPENSATION AS SPECIFIED ABOVE.

RECOMMENDED FOR APPROVAL: Ginn Corporation (DATE) \_\_\_\_\_

CONTRACTOR: M.B. Zachry Construction Corporation (DATE) \_\_\_\_\_

APPROVAL RECOMMENDED NORTH TEXAS TOLLWAY AUTHORITY: Ralph Wilson, Operations Mgr. (DATE) 9/13/99

BY: SURETY: American Home Assurance Company (DATE) \_\_\_\_\_

APPROVED NORTH TEXAS TOLLWAY AUTHORITY: Katherine Ramirez, Attorney-In-Fact (DATE) 9/13/99

BY: DEPUTY EXECUTIVE DIRECTOR (DATE) \_\_\_\_\_

PROJECT: Addison Airport Tunnel  
 DATE: 9/29/99 SUPPLEMENTAL AGREEMENT NO. 32  
 SHEET NO. 1 OF 2 CONTRACT NO. DNT-260  
 Zachry Construction Company  
 PO Box 531558, Grand Prairie, TX 75053  
 (ADDRESS)

AGREEMENT SHALL PERTAIN TO ONLY ONE CONTRACT AND SHALL BE NUMBERED CONSECUTIVELY FOR EACH CONTRACT.  
 AUTHORIZATION IS HEREBY REQUESTED FOR THE PERFORMANCE OF EXTRA WORK UNDER THE ABOVE CONTRACT DESCRIBED AS FOLLOWS (ATTACH DRAWING OR SKETCHES WHERE APPLICABLE) (EXPLAIN BELOW IF REQUIRED)

The plans provide for cast iron grates over the trench drains. These were installed, and have proven to be undesirable due to excess breakage. NTTA requests that steel grates be installed in lieu of the cast iron grates. The cost of this is as follows:

Labor	Lump Sum	\$2,791.55
Supplies	Lump Sum	\$1,029.31
Equipment (per shift)	Lump Sum	\$1,700.00
Materials	Lump Sum	\$3,055.00
<b>Estimated Total</b>		<b>\$8,575.86</b>

\* If more than one shift is required, an additional price of \$1700.00 will be paid to the contractor for equipment.

The Town of Addison has requested covers over the fire connectors inside the tunnel. Cost to add 9 covers is as follows:

Materials & Supplies	\$18,687.51
Labor & Equipment \$1750.00 per shift	\$5,267.70
* Estimate 3 shifts	\$16,003.05
<b>Estimated Total</b>	<b>\$39,958.26</b>

\* Number of shifts to be paid are the actual number of shifts that it takes to do the work.

**Estimated Total, This Supplemental Agreement \$33,471.47**

DNT-260 Supplemental Agreement No. 32 Page 2 of 2

SUBMITTED BY: BROWN & ROOT, INC. I HAVE HEREBY AGREED THAT THE WORK LISTED IN THIS FOREGOING APPLICATION IS EXTRA WORK AS THE SAME IS DEFINED IN ARTICLE 4 OF THE STANDARD SPECIFICATIONS AND THAT I WILL PERFORM SAID WORK IN CONSIDERATION FOR PAYMENT AND COMPENSATION AS SPECIFIED ABOVE.

RECOMMENDED FOR APPROVAL: Ginn Corporation (DATE) \_\_\_\_\_

CONTRACTOR: Zachry Construction Corporation (DATE) \_\_\_\_\_

APPROVAL RECOMMENDED NORTH TEXAS TOLLWAY AUTHORITY: Ralph Wilson, Operations Mgr. (DATE) 10/13/99

BY: SURETY: American Home Assurance Company (DATE) \_\_\_\_\_

APPROVED NORTH TEXAS TOLLWAY AUTHORITY: Katherine Ramirez, Attorney-In-Fact (DATE) 10/13/99

BY: DEPUTY EXECUTIVE DIRECTOR (DATE) \_\_\_\_\_

FINAL RECORD DRAWING Date: 12/25/99

NO.	REVISION	BY	DATE
NORTH TEXAS TOLLWAY AUTHORITY <b>ADDISON AIRPORT TUNNEL</b>  <b>SUPPLEMENTAL AGREEMENTS</b> <b>29-32</b>			
DRAWN	DATE	DESIGNED	DATE
CHECKED	DATE	SCALE	
CONTRACT NO. <b>DNT-260</b> SHEET <b>   </b> OF <b>   </b>			