

**Brown & Root**  
 16610 Dallas Parkway, Suite 2200 / Dallas, TX 75248  
 December 18, 1998  
 LETTER NO.: HBZ 260-552  
 SUBJECT FILE CODE: 765.10  
 H. B. Zachry Company  
 PO Box 1004  
 Addison, Texas 75001-1004  
 REF: Addison Airport Toll Tunnel  
 DNT-260  
 Attention: Mr. James Gardner  
 SUBJECT: Underdrain along Southeast "Shotcrete" Retaining Wall (RFI-194, EAR-26)

Dear Mr. Gardner:  
 In formal response to H. B. Zachry's RFI-194 dated 7 December 1998, Brown & Root instructs you to install pipe underdrains along the Southeast "Shotcrete" Retaining Wall according to the attached plan and section sketches. Brown & Root has considered the possible conflict of a future "fascia-wall" footing, the lighting power line (signing, Pavement Marking, and Illumination Plans (DNT-205) Contract Drawing Sheets #1, 2, & 23), the replace video communications conduits (Contract Drawing Sheet E156 - Note 1-3), and the pavement curb (Contract Drawing Sheets C-24 & C-25). Therefore, place the underdrains as close as possible to the shotcrete wall. Install the underdrains according to the instructions in RFI-157 and Pipe Underdrains Special Provision Item 556. Backfill with Cement Treated Base as shown on the section sketch between the wall and the pavement curb only.  
 The North Texas Tollway Authority intends not to issue revised Contract Drawing Sheets C-24 & C-25. Therefore, H. B. Zachry shall make the pipe underdrain additions to their as-bid Contract Drawings.  
 Brown & Root considers that the pipe underdrain additions and the cement treated base usage to be a quantity increase change to the Contract. If acceptable to H. B. Zachry, the added underdrains will be paid at the Pipe Underdrain Item 556 & SP bid prices for 6-in. pipe roadway and slope underdrains. The cement treated base will be paid at the Cement Treated Base Item 276 bid price for 6-in. thickness times two, for the two lifts of 6-in. cement treated base.

RFI-194 Services  
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**H. B. ZACHRY COMPANY**  
**REQUEST FOR INFORMATION**  
**ADDISON AIRPORT TUNNEL**  
 Subcontractor (if applicable): N/A  
 Originator: Majed Luman  
 Reply Req'd By: ASAP  
 Distribution List: Bill Leach, George James  
 Problem: Rock bolts in east portal of tunnel  
 Possible rework or extra work involved with this RFI?  N  Y  
 Delays in project execution involved with this RFI?  N  Y  
 Estimate of time spent evaluating, finding alternate solution to RFI? Engineering: 0 Hrs, Surveying Crew: 0 Hrs, Other: 0 Hrs  
 Proposed Solution by Contractor By: [Blank] Date: [Blank] Reviewed By: [Blank]  
 Response by Construction Management: [Blank]

**REQUEST FOR INFORMATION**  
**ADDISON AIRPORT TUNNEL**  
 Subcontractor (if applicable): Zachry/Monterey  
 Originator: HB Zachry Co.  
 Reply Req'd By: Zachry/Monterey  
 Distribution List: Bill Leach, Majed Luman  
 Problem: Sump Bracing  
 Possible rework or extra work involved with this RFI?  N  Y  
 Delays in project execution involved with this RFI?  N  Y  
 Estimate of time spent evaluating, finding alternate solution to RFI? Engineering: 1 Hrs, Surveying Crew: 1 Hrs, Other: 0 Hrs  
 Proposed Solution by Contractor By: HB Zachry Co. Date: 12/23/98 Reviewed By: J. Gardner  
 Response by Construction Management: THE LATERAL BRACING IS NOT REQ'D. A FLOOR PLATE IS NOT REQ'D.  
 Solution By: Mike Aswad Date: 1/2/99 Reviewed by: [Blank]

**ZACHRY CONSTRUCTION CORP.**  
**REQUEST FOR INFORMATION**  
**ADDISON AIRPORT TUNNEL**  
 Subcontractor (if applicable): S&J Electrical  
 Originator: Zachry Const. Corp.  
 Reply Req'd By: S&J Electrical  
 Distribution List: Bill Leach, Majed Luman  
 Problem: Overhead Sign #1 and #2  
 Possible rework or extra work involved with this RFI?  N  Y  
 Delays in project execution involved with this RFI?  N  Y  
 Estimate of time spent evaluating, finding alternate solution to RFI? Engineering: 1 Hrs, Surveying Crew: 1 Hrs, Other: 0 Hrs  
 Proposed Solution by Contractor By: HB Zachry Co. Date: 01/2/99 Reviewed By: J. Gardner  
 Response by Construction Management: [Blank]

**H. B. ZACHRY COMPANY**  
**REQUEST FOR INFORMATION**  
**ADDISON AIRPORT TUNNEL**  
 Subcontractor (if applicable): S&J  
 Originator: Majed Luman  
 Reply Req'd By: ASAP  
 Distribution List: George James, S&J  
 Problem: Overhead Sign #1 interfering with existing utilities  
 Possible rework or extra work involved with this RFI?  N  Y  
 Delays in project execution involved with this RFI?  N  Y  
 Estimate of time spent evaluating, finding alternate solution to RFI? Engineering: 1 Hrs, Surveying Crew: 1 Hrs, Other: 2 Hrs  
 Proposed Solution by Contractor By: Majed Luman (Date: 2/9/99) Reviewed By: [Blank]  
 Response by Construction Management: [Blank]

**ZACHRY CONSTRUCTION CORP.**  
**REQUEST FOR INFORMATION**  
**ADDISON AIRPORT TUNNEL**  
 Subcontractor (if applicable): S&J Electrical (Sign and Illumination Sub)  
 Originator: Zachry Const. Corp.  
 Reply Req'd By: ASAP  
 Distribution List: [Blank]  
 Problem: Location of proposed Light Poles along north edge of Keller Springs  
 Possible rework or extra work involved with this RFI?  N  Y  
 Delays in project execution involved with this RFI?  N  Y  
 Estimate of time spent evaluating, finding alternate solution to RFI? Engineering: 1 Hrs, Surveying Crew: 1 Hrs, Other: 0 Hrs  
 Proposed Solution by Contractor By: Zachry Const. Corp. Date: 1/19/99 Reviewed By: J. Gardner  
 Response by Construction Management: [Blank]

**H. B. ZACHRY COMPANY**  
**REQUEST FOR INFORMATION**  
**ADDISON AIRPORT TUNNEL**  
 Subcontractor (if applicable): S&J Electric  
 Originator: Majed Luman  
 Reply Req'd By: ASAP  
 Distribution List: Chapp, George James  
 Problem: Light Pole Relocation  
 Possible rework or extra work involved with this RFI?  N  Y  
 Delays in project execution involved with this RFI?  N  Y  
 Estimate of time spent evaluating, finding alternate solution to RFI? Engineering: 1 Hrs, Surveying Crew: 1 Hrs, Other: 0 Hrs  
 Proposed Solution by Contractor By: [Blank] Date: [Blank] Reviewed By: [Blank]  
 Response by Construction Management: [Blank]

**H. B. ZACHRY COMPANY**  
**REQUEST FOR INFORMATION**  
**ADDISON AIRPORT TUNNEL**  
 Subcontractor (if applicable): S&J  
 Originator: Majed Luman  
 Reply Req'd By: ASAP  
 Distribution List: George James, S&J  
 Problem: Sign #40  
 Possible rework or extra work involved with this RFI?  N  Y  
 Delays in project execution involved with this RFI?  N  Y  
 Estimate of time spent evaluating, finding alternate solution to RFI? Engineering: 1 Hrs, Surveying Crew: 1 Hrs, Other: 0 Hrs  
 Proposed Solution by Contractor By: [Blank] Date: [Blank] Reviewed By: [Blank]  
 Response by Construction Management: [Blank]

**H. B. ZACHRY COMPANY**  
**REQUEST FOR INFORMATION**  
**ADDISON AIRPORT TUNNEL**  
 Subcontractor (if applicable): S&J, ZM  
 Originator: Majed Luman  
 Reply Req'd By: ASAP  
 Distribution List: George James, S&J, ZM  
 Problem: Ground pull box behind West Portal RW and conduits  
 Possible rework or extra work involved with this RFI?  N  Y  
 Delays in project execution involved with this RFI?  N  Y  
 Estimate of time spent evaluating, finding alternate solution to RFI? Engineering: 1 Hrs, Surveying Crew: 1 Hrs, Other: 0 Hrs  
 Proposed Solution by Contractor By: [Blank] Date: [Blank] Reviewed By: [Blank]  
 Response by Construction Management: [Blank]

**FINAL RECORD DRAWING**  
 Date: 12/25/99

NO.	REVISION	BY	DATE
NORTH TEXAS TOLLWAY AUTHORITY ADDISON AIRPORT TUNNEL			
RFI# 194 - 201			
DRAWN _____ DATE _____		DESIGNED _____ DATE _____	
CHECKED _____ DATE _____		SCALE _____	
CONTRACT NO. DNT-260 SHEET ____ OF ____			