arapato Rd Drainage Meeting 8-12-99 Drainage Issues Inlet not puking up water water flowing across entersection Hydroplaning / Brakery @ intersuction Jeling in wenter Birdbaths Trugation reurrance Huitt Zollers: It appears that Cos Stope is not adequate 3" NS 6" median note - could that have Chused the problems? Col Bell will take Shots Next week for delivery -Averyze elivations and then look at

HUITT-ZOLIARS

Huitt-Zollars, Inc. / 3131 McKinney Avenue / Suite 600 / LB 105 / Dallas, Texas 75204-2489 / 214/871-3311 / FAX 214/871-0757

July 26, 1999

Mr. Robert D. Weber Ed Bell Construction 10605 Harry Hines P.O. Box 540787 Dallas, TX 75354-0787

RE: Arapaho Road - Addison, Texas

Dear Mr. Weber:

The Town of Addison has asked us to forward a copy of a videotape the Town made recently at the intersection of Arapaho Road and Quorum Drive. The tape shows drainage patterns along Arapaho Road that do not appear to reflect the pavement design. After you have reviewed the tape, please inform us and the Town of your proposed solutions to correct the problem.

Please feel free to call if you have any questions.

Sincerely,

HUITT-ZOLLARS, INC.

Kenneth A. Roberts, P.E.

Vice President

Attachment

Copy: Jim Pierce, P.E., Town of Addison

H:\PROJ\01177201\EDBELL6.DOC

arapaho-Rf 7-26-99

Reid call from Ken Roberts & Carbrey

adorch re the flow flat fage I sent

them. They do not think the interesting was built as per plan Plan Sheet P-5, Sta 50+50 calls for 18 per foot cross stope, North and South three the interestion with quorum, that extends across Quorum "Valley" Exagerrated X Section thru Arapaho @ Quorum, Looking East Intersection may have to be rebuilt as to the plans As-built of what was built is rely.

H.Z. will send take to Robt Weber with
a letter requesting an as-built.



Public Works / Engineering

16801 Westgrove • P.O. Box 144

COPY TO

ATTENTION BE: Addison, Texas 75001 Telephone: (214) 450-2871 • Fax: (214) 931-6643 **GENTLEMAN:** Attached **WE ARE SENDING YOU** ☐ Under separate cover via ____ the following items: ☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples □ Specifications ☐ Copy of letter □ Change order DESCRIPTION COPIES DATE NO. THESE ARE TRANSMITTED as checked below: ☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval ☐ Submit _____ copies for distribution ☐ For your use □ Approved as noted ☐ Returned for corrections ☐ Return _____ corrected prints ☐ As requested ☐ For review and comment ☐ FOR BIDS DUE 19 ☐ PRINTS RETURNED AFTER LOAN TO US

DATE

LETTER OF TRANSMITTAL

JOB NO.

SIGNED:

If enclosures are not as noted, please notify/us at once.

from 6-17-99 Meeting Notes
5. Road paving anticipated to be complete by June 25th with the remember of the work anticipated to be completed by the land of August.
by June 25th with the remember of
the work anticipated to be completed by
the end of angust
6. TXU has 2 poles remaining in Sidewalk
6. TXU has 2 poles remaining in Sidewalk. area on Quorum, N. of aregalis. Follow-
up regil.
v ·
7. Attached is a letter from Huitt Zollars regarding their observation of an whusual draininge pattern. a Solution needs to be worked out for this
regarding their obstruction of an
unusual draininge sathern. a
Solution needs to be worked out for this
issue.
8. Has Sunitary Sewer Manhole been raised
8. Has Sunitary Sluce Manhole been raised @ Colonnade property?
\cdot
9. Carry forward items list attached.
Ci Dave Wilde
Ci. Dave Wilde
P.S. Bollards inspected by S. Strickland & Defren.
P.S. Bollards inspected by S. Strickland of John. this date, and opproved.

Arapahold 6-1-99 Telcon with Kenloberts: Orap, Heading East - @ Quorum Subell lumped water. Weter Splits @ RH trum Lane and splits agan 3" unt on noze If they dudicted 6" from nose Care grades in median @ 50' intervals

& end of noges.

Top bush on noge & dropped 6"

the road would be for Low 1/2 cross slope - carrier Should be a hump of a Quorun Ken will write us a letter regarding

HUITT-ZOLIARS

Huitt-Zollars, Inc. / 3131 McKinney Avenue / Suite 600 / LB 105 / Dallas, Texas 75204-2489 / 214/871-3311 / FAX 214/871-0757

June 1, 1999

Mr. Jim Pierce, P.E. Town of Addison Public Works Department P.O. Box 144 Addison, TX 75001

Re: Arapaho Road

Dear Mr. Pierce:

I made a site visit to the Arapaho Road project site on Friday, May 28, 1999 to look at the progress of the construction and observed an irregular drainage pattern at the southwest corner of Arapaho Road and Quorum Drive. As we have discussed, on a previous occasion and this morning, you expressed concern that the inlet at paving station 51+47 was not picking up the water draining to the east along the south curb of Arapaho Road before crossing the Quorum Drive intersection. On Friday, I observed the same scenario.

As you stated this morning, on Friday the phone company had pumped water out of a trench or manhole and it was draining along the gutter in question. The amount of water running down the street was just enough to delineate the drainage pattern and highlight the problem. The water was draining along the south gutter and the pavement joint between the east bound right thru lane and the right turn lane with an apparent high and dry spot in the right turn lane. As the water neared the inlet at paving station 51+47, it began to drain in a northeasterly direction towards the center of the circle in the Arapaho Road / Quorum Drive intersection. When the water reached the outer edge of the brick pavers, the water split and drained to the north and east around the brick circle. The easterly flow eventually crossed the intersection and rejoined the south gutter. The northerly flow crossed the centerline of Arapaho Road and continued around the circle in a northeasterly direction. I have enclosed a copy of Paving Sheet P-5 with the drainage patterns that I observed marked in blue.

Arapaho Road was designed with a 1/8" per foot cross slope in this area. Water should not be draining away from the curb and certainly not across the ridgeline at the centerline of Arapaho Road. In this area the water should be draining along the south curb and across the Quorum Drive intersection in the valley gutter. Based on my observations, it appears the intersection is built too flat. Further investigation by the Contractor regarding "As Built" elevations on the pavement should be initiated. After the investigation, alternative solutions can be evaluated.

Please feel free to call if you have any questions.

Sincerely,

HUITT-ZOLLARS, INC.

Kenneth A. Roberts, P.E.

Vice President

Attachment

ec Pat Rivera 6-17-99

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