

**ED BELL CONSTRUCTION COMPANY**POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-078710605 HARRY HINES  
DALLAS, TEXAS 75220

April 23, 2001

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 9010  
Addison, Texas 75001-9010Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Mr. Pierce:

Enclosed for your review is our final pay estimate for the referenced project. As discussed previously there are several items that need to be adjusted to reflect final quantities and a final change order to add several items will need to be processed. The following details describe the differences between the previously paid quantities and the final quantities:

1. With regard to the electrical scope of work, numerous items (fourteen) were adjusted to add the hardware for the traffic signal pole that was added to the scope of work. The conduit and conduit bore items are for the additional work identified at the Addison Road/Arapaho Road intersection. Additionally, the BEGA light pole pay item was adjusted to reflect the three poles delivered to the Town of Addison and a credit for the foundations was added.

2. The final quantity for Item 130, 3600 psi concrete retaining wall, is 11.14 CY. Enclosed for your review is a copy of the measurements used to derive that quantity.

3. The existing striping for the transition between Arapaho Road and the Dallas North Tollway had to be eliminated and then modified to accomplish the desired traffic pattern at that location. As a result, the following seven additional items of work had to be completed to accomplish that task:

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE
ELIM EXISTING 24" STRIPE	98.00	LF	\$3.45
ELIM EXISTING ARROWS	8.00	EA	\$35.00
ELIM EXISTING 6" STRIPE	487.00	LF	\$1.15
8" THERMO STRIPE (W)(SLD)	792.00	LF	\$2.50
8" THERMO STRIPE (W)(SLD)(CROSSWALK)	34.00	LF	\$2.50
4" THERMO STRIPE (Y)(SLD)	228.00	LF	\$1.25
4" THERMO STRIPE (W)(DOT)	50.00	LF	\$1.25

Additionally, the quantities for jiggle bars, item 118, and fire hydrant buttons, item 120, were adjusted to reflect installed quantities.

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Arapaho Road Reconstruction

Re: Final Billing

4. The final installed quantity for Item 214, Bermuda hydromulch, should be 5191.45 SY. The hydromulch was installed at the following location and is detailed on the enclosed plan sheets:

Sheet PL-1: three locations on the south side of Arapaho Road in the vicinity of Old Arapaho Road for a total of 1241.44 SY

Sheet PL-2: none

Sheet PL-3: four locations in the parkways along Quorum Drive and Arapaho Road for a total of 1255.56 SY

Sheet PL-4: four locations in the parkway along Arapaho Road and in the southwest corner of the Arapaho/Spectrum intersection for a total of 766.67 SY

Sheet PL-5: the parkway along the north side of Arapaho and the drainage ditch on the north side of Arapaho for a total of 1888.89 SY

Sheet PL-6: the traffic islands on the east side of the Dallas North Tollway for a total of 38.89 SY

5. In accordance with our agreement at a November 30, 1999 meeting regarding completion of the project, we directed our paver subcontractor to procure Pine Hall pavers as an approved substitute for the Glen Gary pavers that the Town's specified supplier couldn't supply. Enclosed is a copy of our December 3, 1999 letter documenting our understanding of the agreement including the payment method for the work. Please establish a pay item for the extra cost associated with the Pine Hall pavers for a unit price of \$1.85 per SF and a final quantity of 4898 SF.

6. As you are aware, EBCC was directed to remove and reconstruct the driveway at STA 64+22.44 Lt. to conform to the parking lot entrance constructed at the Millennium Park Development. Prior to the original construction of this driveway, we attempted to coordinate with Austin Commercial (ACI) regarding this driveway and some adjustments were made in the field to accommodate their intent. Our survey data indicates that the driveway was in the correct location; however, the constructed dimensions of the driveway didn't properly align with the parking lot entrance to Millennium Park. As stated in our earlier meeting regarding close out of this project, it is clear that ACI did not construct their parking lot entrance in accordance with the curb lines indicated on sheet P-7 of the plans, that our information obtained in the field regarding the Millennium Park entrance was either incorrect or misunderstood, and that construction of the driveway in accordance with our plans would still not have matched ACI's entrance. It is our position that EBCC did not possess the information necessary to construct the driveway to conform to ACI's future parking lot construction and ACI made no attempt to "adjust" their parking lot to match the already existing driveway. Based upon these factors, it is clear that the driveway would have needed to be modified based upon ACI's parking lot construction; therefore, EBCC should be compensated for the modifications EBCC was required to implement. Our lump sum price for this work is \$6,470.10. Enclosed for your review are our basis of estimate sheets detailing this cost.

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Arapaho Road Reconstruction

Re: Final Billing

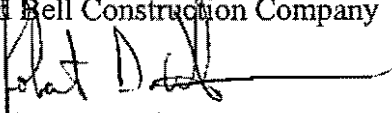
7. The final quantity for Item 111, monolithic median nose, should be sixteen. The additional median nose is located on plan sheet P-7.

The enclosed copy of our final billing reflects our final quantities for all of the original contract items, the final quantities for change orders one through eight, and the extra work items detailed in this letter. Please advise regarding the next step in this process.

If you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,

Ed Bell Construction Company

A handwritten signature in black ink, appearing to read "Robert D. Weber", with a long horizontal line extending to the right.

Robert D. Weber

Project Manager

ED BELL CONSTRUCTION COMPANY \*\*\*\*\* MONTHLY ESTIMATE  
 JOB NO. 931  
 PROJECT ARAPAH0 ROAD RECONSTRUCTION  
 LOCATION ADDISON ROAD TO DALLAS NORTH TOLLWAY  
 BID DATE JANUARY 15, 1998  
 ENGINEER JAMES C. PIERCE, JR., P.E.  
 OWNER CITY OF ADDISON

ESTIMATE N 22  
 FROM TO JANUARY 1, 2000  
 FINAL

ITEM	UNIT	BID QUANTITY	DESCRIPTION	BID PRICE	TOTAL COST	QUANTITY THIS MONTH	AMOUNT	QUANTITY TO DATE	AMOUNT
101	MO	14.00	BARRICADES SIGNS & TRAFF CTRL	5000.00	70000.00	0.00	0.00	16.50	82500.00
102	STA	37.00	PREP ROW	750.00	27750.00	0.00	0.00	37.00	27750.00
103	SY	12764.00	REM & DISP OF EX CONC PAVE	7.50	95730.00	0.00	0.00	12827.00	96202.50
104	SF	9683.00	REM & DISP OF EX CONC SW	1.00	9683.00	0.00	0.00	9710.00	9710.00
105	CY*	13127.00	UNCLASS EXCAVATION (SCRAPER)	5.00	65635.00	0.00	0.00	13127.00	65835.00
106	SY*	29432.00	10in REINF CONC PAVE 650#FLEX	29.65	872658.80	0.00	0.00	30798.00	911381.70
107	SY*	1709.00	6in REINF CONC PAVE 850# FLEX	24.00	41016.00	0.00	0.00	1805.00	43320.00
108	SY	32509.00	6in LIME STAB INCL PROOFROLLIN	1.50	48763.50	0.00	0.00	32797.00	49195.50
109	TN	486.00	HYDRATED LIME (30 #/SY)	100.00	48800.00	0.00	0.00	500.91	50091.00
110	LF	13296.00	6in INTEGRAL CONC CURB 650# FLE	1.50	19944.00	0.00	0.00	13335.00	20002.50
111	EA	15.00	MONO MEDIAN NOSE 650# FLEX	600.00	9000.00	1.00	600.00	16.00	9600.00
112	SY	65.00	REINF CONC ISLAND 650# FLEX	35.00	2975.00	0.00	0.00	101.00	3535.00
113	SF	2812.00	4in REINF CONC SW 3000#	2.45	6889.40	0.00	0.00	5282.00	12940.90
114	SY	1700.00	6in HMAC TY A DETOURS	15.00	25500.00	0.00	0.00	1322.00	19830.00
115	LF	207.00	REINF CONC ST HEADER 650# FLEX	8.00	1656.00	0.00	0.00	207.00	1656.00
116	EA	980.00	4in DIA REFLECT PAVE MARKER TY	5.00	4900.00	0.00	0.00	698.00	3490.00
117	EA	32.00	4in DIA REFLECT PAVE MARKER TY	6.00	192.00	0.00	0.00	86.00	516.00
118	EA	311.00	6in X 6in REFLECT JIGGLE BARS WH	13.00	4043.00	33.00	429.00	428.00	5564.00
119	EA	246.00	8in 2 WAY DUAL REFLECT PAVE MA	30.00	7380.00	0.00	0.00	0.00	0.00
120	EA	17.00	4in SQ REFLECT FIRE HYDRANT MA	10.00	170.00	3.00	30.00	17.00	170.00
121	LF	575.00	24in WIDE WHITE THERMOPLASTIC	7.00	4025.00	0.00	0.00	481.00	3387.00
122	EA	26.00	THERMOPLASTIC ADVISORY MARK	250.00	6500.00	0.00	0.00	35.00	8750.00
123	LF	400.00	4in WIDE TEMP LANE STRIPE	0.75	300.00	0.00	0.00	0.00	0.00
124	LF	3700.00	2in DIA PVC SCH 40 ST LIGHT COND	3.50	12950.00	0.00	0.00	3793.00	13275.50
125	EA	20.00	ST LIGHT FOUNDATION	420.00	8400.00	0.00	0.00	20.00	8400.00
126	EA	18.00	ST LIGHT PULL BOX	250.00	4500.00	0.00	0.00	22.00	5500.00
127	CY	6200.00	EXCAVA, REM & DISP OF MISC FILL	5.00	31000.00	0.00	0.00	6200.00	31000.00
128	LF	65.00	6in X 12in 3000# REINF CONC BAND	15.00	975.00	0.00	0.00	65.00	975.00
129	CY	8.00	3600# REINF CONC COMBO RET WA	850.00	6800.00	3.14	2658.00	11.14	9469.00
130	SF	3300.00	3600# REINF CONC RET WALL	37.50	123750.00	0.00	0.00	3300.00	123750.00

STORM SEWER SCHEDULE

201	LF	46.00	15in DIA PVC SDR 35 PIPE	120.00	5520.00	0.00	0.00	46.00	5520.00
202	LF	34.00	CL III RCP 15in	41.00	1394.00	0.00	0.00	34.00	1394.00
203	LF	727.00	CL III RCP 18in	48.00	34896.00	0.00	0.00	733.00	35184.00
204	LF	156.00	CL III RCP 21in	51.00	7956.00	0.00	0.00	147.00	7497.00
205	LF	775.00	CL III RCP 24in	56.00	43400.00	0.00	0.00	775.00	43400.00
206	LF*	529.00	CL III RCP 36in	91.00	48139.00	0.00	0.00	530.00	48230.00
207	LF*	485.00	CL III RCP 39in	105.00	48825.00	0.00	0.00	465.00	48825.00
208	LF	162.00	CL III RCP 42in	110.00	17820.00	0.00	0.00	182.00	17820.00
209	EA	0.00	TY A MANHOLE	4000.00	0.00	0.00	0.00	0.00	0.00
210	EA	3.00	TY B MANHOLE	4500.00	13500.00	0.00	0.00	3.00	13500.00
211	EA	1.00	DBL TY B HEADWALL 42in	2500.00	2500.00	0.00	0.00	1.00	2500.00
212	SY	290.00	2in STONE RIP RAP TY A DRY	20.00	5800.00	0.00	0.00	424.00	8480.00
213	SY	156.00	SOLID SOD BERMUDA GRASS, WTR	6.00	936.00	0.00	0.00	0.00	0.00
214	SY	1435.00	HYDROMULCH BERMUDA GRASS,	3.50	5022.50	1406.45	4922.58	5191.45	18170.08
215	EA	1.00	6' STD CURB INLET	1800.00	1800.00	0.00	0.00	1.00	1800.00
216	EA	1.00	14' STD CURB INLET	3000.00	3000.00	0.00	0.00	1.00	3000.00
217	EA	2.00	8' RECESS INLET	2000.00	4000.00	0.00	0.00	3.00	8000.00
218	EA	1.00	8' RECESS INLET	2100.00	2100.00	0.00	0.00	1.00	2100.00
219	EA	17.00	10' RECESS INLET	2400.00	40800.00	0.00	0.00	17.00	40800.00
220	EA	2.00	12' RECESS INLET	2700.00	5400.00	0.00	0.00	2.00	5400.00
221	EA	4.00	14' RECESS INLET	3300.00	13200.00	0.00	0.00	4.00	13200.00
222	EA	1.00	4' X 4' TY Y INLET	1600.00	1600.00	0.00	0.00	1.00	1600.00
223	LF	632.00	REM & DISP OF EX REINF CONC PIP	9.00	5688.00	0.00	0.00	632.00	5688.00
224	EA	11.00	REM & DISP OF EX INLET	500.00	5500.00	0.00	0.00	11.00	5500.00
225	CY	1545.00	UNCLASS CHANNEL EXCAVA	7.00	10815.00	0.00	0.00	1545.00	10815.00
226	LS	1.00	TRENCH SAFETY DESIGN (ALL UTIL)	1000.00	1000.00	0.00	0.00	1.00	1000.00
227	LF	2894.00	TRENCH SAFETY PROTECTION (DR	1.10	3183.40	0.00	0.00	2894.00	3183.40
228	EA	29.00	INLET PROTECT	50.00	1450.00	0.00	0.00	29.00	1450.00
229	LF	125.00	STRAW BALE DIKE	3.00	375.00	0.00	0.00	0.00	0.00
230	LF	20.00	ROCK BERM	25.00	500.00	0.00	0.00	0.00	0.00
231	LF	1050.00	SILT FENCE	1.50	1575.00	0.00	0.00	1050.00	1575.00
232	EA	4.00	STAB CONST ENTR	1000.00	4000.00	0.00	0.00	2.00	2000.00

UTILITY SCHEDULE

301	LF	20.00	4in PVC DR18 CL 150 WTR PIPE	20.00	400.00	0.00	0.00	20.00	400.00
302	LF	218.00	6in PVC DR18 CL 150 WTR PIPE	25.00	5450.00	0.00	0.00	175.00	4375.00
303	LF	1220.00	8in PVC DR18 CL 150 WTR PIPE	35.00	42700.00	0.00	0.00	1295.00	45360.00
304	EA	1.00	GATE VALVE 4in	400.00	400.00	0.00	0.00	1.00	400.00

305	EA	7.00	GATE VALVE 6in	500.00	3500.00	0.00	0.00	7.00	3500.00
306	EA	8.00	GATE VALVE 8in	700.00	5600.00	0.00	0.00	8.00	5600.00
307	EA	14.00	FIRE HYDRANT	2000.00	28000.00	0.00	0.00	13.00	26000.00
308	LF	40.00	CONC ENCASE	25.00	1000.00	0.00	0.00	40.00	1000.00
309	EA	1.00	TAPP SLEEVE & VALVE 8in X 6in	2000.00	2000.00	0.00	0.00	1.00	2000.00
310	EA	2.00	TAPP SLEEVE & VALVE 24in X 8in	4000.00	8000.00	0.00	0.00	2.00	8000.00
311	EA	1.00	TAPP SLEEVE & VALVE 12in X 6in	3000.00	3000.00	0.00	0.00	1.00	3000.00
312	EA	1.00	8in WTR METER/VAULT & BACKFLO	20000.00	20000.00	0.00	0.00	1.00	20000.00
313	EA	2.00	1in OR 1 1/2in WTR METER BOX & B	2000.00	4000.00	0.00	0.00	2.00	4000.00
314	EA	5.00	ADJ EX WTR VALVE COVER & STAC	125.00	625.00	0.00	0.00	5.00	625.00
315	EA	2.00	ADJ EX WTR METER BOX	125.00	250.00	0.00	0.00	2.00	250.00
316	EA	3.00	RECONNECT EX SERV	1000.00	3000.00	0.00	0.00	3.00	3000.00
317	EA	5.00	CONNECT TO EX WTR SERV	1200.00	6000.00	0.00	0.00	5.00	6000.00
318	LF	1458.00	TRENCH SAFETY (WATER)	1.20	1749.60	0.00	0.00	1491.00	1789.20
319	LS	1.00	PERFORM WTR TEST	1500.00	1500.00	0.00	0.00	1.00	1500.00
320	LF	497.00	SDR35 WWTR PIPE PVC 8in	50.00	24850.00	0.00	0.00	497.00	24850.00
321	EA	1.00	4' DIA MH	2000.00	2000.00	0.00	0.00	1.00	2000.00
322	EA	2.00	CONNECT TO EX MH	1200.00	2400.00	0.00	0.00	2.00	2400.00
323	EA	4.00	ADJ MH TOP	500.00	2000.00	0.00	0.00	5.00	2500.00
324	LF	20.00	CONC ENCASE	35.00	700.00	0.00	0.00	20.00	700.00
325	LF	497.00	TRENCH SAFETY (SANITARY SEWE	1.20	596.40	0.00	0.00	497.00	596.40
326	LF	497.00	TV INSPECT OF WWTR MAIN	1.20	596.40	0.00	0.00	497.00	596.40
327	LS	1.00	PERFORM WWTR LINE & MH TEST	500.00	500.00	0.00	0.00	1.00	500.00
328	EA	2.00	2in IRRIGATION TAP, VALVE, VALVE	2500.00	5000.00	0.00	0.00	3.00	7500.00

ELECTRICAL SCHEDULE

401	LF	3141.00	SCH 40 PVC ELECT CONDUIT 2in	3.10	9737.10	0.00	0.00	3575.00	11082.50
402	LF	739.00	SCH 40 PVC ELECT CONDUIT 3in	5.00	3695.00	0.00	0.00	890.00	3450.00
403	LF	163.00	SCH 40 PVC ELECT CONDUIT 4in	5.20	847.60	369.00	1918.80	532.00	2766.40
404	LF	70.00	SCH 40 PVC ELECT CONDUIT 4in BO	16.00	1120.00	225.00	3600.00	295.00	4720.00
405	LF	1070.00	2 CONDUCT #6 XHHW ELECT WIRE	1.10	1177.00	0.00	0.00	1070.00	1177.00
406	LF	1891.00	#6 BARE ELECT WIRE	0.60	1134.60	0.00	0.00	1891.00	1134.60
407	EA	28.00	TY A PULL BOX	350.00	9800.00	0.00	0.00	25.00	8750.00
408	EA	3.00	TY C PULL BOX	400.00	1200.00	0.00	0.00	4.00	1600.00
409	LS	3.00	ELECT SERV CONNECT	850.00	2550.00	0.00	0.00	3.00	2550.00
410	EA	10.00	TRAFF SIGN R10-12 MAST ARM MO	85.00	850.00	1.00	85.00	11.00	935.00
411	EA	2.00	TRAFF SIGN R3-8 MAST ARM MOUN	110.00	220.00	0.00	0.00	2.00	220.00
412	EA	7.00	TRAFF SIGN R3-4	110.00	770.00	0.00	0.00	7.00	770.00
413	EA	8.00	SIG POLE CONC FOUNDATION TY 3	1000.00	8000.00	0.00	0.00	8.00	8000.00
414	EA	4.00	SIG POLE CONC FOUNDATION TY 3	1200.00	4800.00	0.00	0.00	4.00	4800.00
415	EA	3.00	CONTROLLER CABINET FOUNDATI	800.00	2400.00	0.00	0.00	3.00	2400.00
416	EA	4.00	30in T BASE POLE W/32' MAST ARM	3800.00	15200.00	0.00	0.00	4.00	15200.00
417	EA	4.00	30in T BASE POLE W/36' MAST ARM	4400.00	17600.00	0.00	0.00	4.00	17600.00
418	EA	2.00	30in T BASE POLE W/40' MAST ARM	5000.00	10000.00	0.00	0.00	2.00	10000.00
419	EA	1.00	30in T BASE POLE W/44' MAST ARM	5200.00	5200.00	0.00	0.00	1.00	5200.00
420	EA	18.00	12in 3 SEC SIG HEAD TY V3	300.00	5400.00	2.00	600.00	20.00	6000.00
421	EA	12.00	12in 4 SEC SIG HEAD TY VLT	800.00	9600.00	0.00	0.00	12.00	9600.00
422	EA	10.00	12in 4 SEC SIGN HEAD TY V4RT	800.00	8000.00	1.00	800.00	11.00	8800.00
423	EA	18.00	VACUUM FORM BACKPLATE 3 SEC	50.00	900.00	2.00	100.00	20.00	1000.00
424	EA	22.00	VACUUM FORM BACKPLATE 4 SEC	55.00	1210.00	1.00	55.00	23.00	1265.00
425	EA	18.00	3 SEC ASTRO BRAC W/29in BANDS	85.00	1530.00	2.00	170.00	20.00	1700.00
426	EA	22.00	4 SEC ASTON BRAC W/29in BANDS	90.00	1980.00	1.00	90.00	23.00	2070.00
427	EA	22.00	PED SIG HEAD W/MOUNTING HDWR	300.00	6600.00	2.00	600.00	24.00	7200.00
428	LF	1672.00	BELDEN 8281 COAX CABLE	2.20	3678.40	842.00	1852.40	2514.00	5530.80
429	LF	1643.00	4 CNDR OPTICOM CABLE	1.10	2027.30	0.00	0.00	1843.00	2027.30
430	LF	1038.00	5 CONDUCT SIG CABLE #12 AWG	1.10	1141.80	0.00	0.00	1038.00	1141.80
431	LF	862.00	7 CONDUCT SIG CABLE #12 AWG	1.25	1077.50	0.00	0.00	862.00	1077.50
432	LF	1792.00	3 CONDUCT SIG CABLE #14 AWG	0.70	1254.40	722.00	505.40	2514.00	1759.80
433	LF	699.00	5 CONDUCT SIG CABLE #12 AWG	1.10	768.90	0.00	0.00	699.00	768.90
434	LF	1462.00	16 CONDUCT SIG CABLE #12 AWG	2.20	3216.40	497.00	1093.40	1959.00	4309.80
435	EA	22.00	PED PUSH BUTTON & T10 4B SIGN	110.00	2420.00	2.00	220.00	24.00	2640.00
436	EA	11.00	OPTICOM DIRECT SENSORS	600.00	6600.00	0.00	0.00	11.00	6600.00
437	EA	6.00	OPTICOM DISCRIMINATOR MODULE	2000.00	12000.00	2.00	4000.00	8.00	16000.00
438	EA	0.00	INSTALL PORT PER INTERFACE UPL	3500.00	0.00	0.00	0.00	0.00	0.00
439	EA	0.00	FURNISH PORT PER INTERFACE UP	15000.00	0.00	0.00	0.00	0.00	0.00
440	EA	3.00	8 PH NEMA TS-2 TY 1 CTROL ASSY	35000.00	105000.00	0.00	0.00	3.00	105000.00
441	EA	11.00	VIDEO CAMERA W/MOUNT HDWR	2800.00	30800.00	1.00	2800.00	12.00	33600.00
442	EA	0.00	TV MONITOR FURN	1000.00	0.00	0.00	0.00	0.00	0.00
443	EA	0.00	TV MONITOR INSTL	500.00	0.00	0.00	0.00	0.00	0.00
444	EA	2.00	CONNECT TO EX RR CTRL	1000.00	2000.00	0.00	0.00	2.00	2000.00
445	LS	1.00	ADJ OF CITY TRAFF SIGS AT INTER	15000.00	15000.00	0.00	0.00	0.00	0.00
446	EA	1.00	CONTROLLER CABINET ASSY (BRO	17000.00	17000.00	0.00	0.00	1.00	17000.00
447	EA	1.00	VIDEO TRACKING UNIT	20000.00	20000.00	0.00	0.00	1.00	20000.00
448	EA	1.00	62 PIN I/O CABLE	300.00	300.00	0.00	0.00	1.00	300.00
449	EA	1.00	CAMERA INTERFACE PANEL (8 CAM	600.00	600.00	0.00	0.00	1.00	600.00
450	EA	1.00	BNC CONNECTOR	5.00	5.00	0.00	0.00	1.00	5.00
451	EA	1.00	POWER CONDITIONER FOR VTU	300.00	300.00	0.00	0.00	1.00	300.00
452	EA	2.00	UNDERGROUND SVC, PEDESTAL, A	1200.00	2400.00	0.00	0.00	2.00	2400.00

LANDSCAPE SCHEDULE

501	SF*	3950.00	BRICK PAVERS ON ASPH BASE ON	10.50	41475.00	0.00	0.00	3950.00	41475.00
502	SF	9800.00	CONC PAVING (SANDBLAST)ARAP	7.00	68600.00	0.00	0.00	9800.00	68600.00

503	SF	3490.00	CONC CROSSWALKS W/SANDBLAS	6.25	21812.50	0.00	0.00	3490.00	21812.50
504	SF*	4000.00	QUORUM DR/BRICK ON 4in CONC S	8.50	34000.00	0.00	0.00	4000.00	34000.00
505	SF*	8763.00	DBL ROW BRICK BAND ON CONCRE	9.00	78867.00	0.00	0.00	8733.29	78599.61
506	SF	44288.00	SPECIAL SW CONC DIAG PATTERN/	4.75	210368.00	0.00	0.00	44288.00	210368.00
507	LF*	9780.00	1/4in FIBROUS EXPAND JOINT W/BA	3.10	30318.00	0.00	0.00	9780.00	30318.00
508	LF	385.00	1 FT WIDE CONCRETE MEDIAN/PAV	10.00	3850.00	0.00	0.00	458.00	4580.00
509	EA	77.00	BEGA LIGHT FIXTURES & POLES IN	3000.00	231000.00	3.00	9000.00	77.00	231000.00
510	LF	3500.00	3/4in SCH 40 PVC ELECTR CONDT	2.80	9800.00	0.00	0.00	2292.00	6417.60
511	LF	4000.00	1in SCH 40 PVC ELECT CONDT	2.95	11800.00	0.00	0.00	3692.00	10891.40
512	LF	1200.00	2in SCH 40 PVC CONDT SLEEVES	3.00	3600.00	0.00	0.00	1646.00	4938.00
513	LF	4000.00	#6 AWG ELECT SERVICE	1.00	4000.00	0.00	0.00	4092.00	4092.00
514	LF	10000.00	#8 AWG ELECTR WIRE	0.50	5000.00	0.00	0.00	12449.00	6224.50
515	LF	2800.00	#10 AWG ELECTR WIRE	0.45	1260.00	0.00	0.00	1715.00	771.75
516	EA	12.00	CAST IRON ELECT JCT BOX	600.00	7200.00	0.00	0.00	0.00	0.00
517	EA	113.00	60" TREE GRATE W/CONC EDGE & B	1900.00	214700.00	0.00	0.00	109.00	207100.00
518	EA	16.00	BOLLARD W/LIGHT FIXTURE	2900.00	46400.00	0.00	0.00	16.00	46400.00
519	LF	700.00	4in PERF SCH 40 PVC FRENCH DRAI	17.00	11900.00	0.00	0.00	984.00	16728.00
520	LF	4500.00	NON-PERF PVC PIPE CONNECTED T	15.00	67500.00	0.00	0.00	3355.00	50325.00
521	EA	125.00	100 GAL 4in RED OAK	1000.00	125000.00	0.00	0.00	124.00	124000.00
522	EA	132.00	12 FT FOSTER HOLLY	1000.00	132000.00	0.00	0.00	132.00	132000.00
523	SF	504.00	ASIAN JASMINE 4in POTS, QUORUM	2.00	1008.00	0.00	0.00	504.00	1008.00
524	SF	21862.00	BERMUDA SOD (TEX TURF 10)	0.50	10931.00	0.00	0.00	21157.00	10578.50
525	SF	2275.00	ASIAN JASMINE 4in POTS, MEDIANS	2.00	4550.00	0.00	0.00	2275.00	4550.00
526	EA	2.00	2in HERSEY WATER METERS W/TAP	2000.00	4000.00	0.00	0.00	2.00	4000.00
527	EA	2.00	2in FEBCO 805-Y DBL CHECK VALVE	1000.00	2000.00	0.00	0.00	2.00	2000.00
528	EA	1.00	RAINMASTER DX-2 STAINLESS STE	16500.00	16500.00	0.00	0.00	1.00	16500.00
529	LS	1.00	ELECTRICAL SERVICE CONNECTIO	1500.00	1500.00	0.00	0.00	1.00	1500.00
530	EA	214.00	RAIN-BIRD 1402 PRESS COMP BUBB	5.00	1070.00	0.00	0.00	214.00	1070.00
531	EA	318.00	TORO 57DZ-40 TURF HEADS IN MED	6.00	1908.00	0.00	0.00	453.00	2718.00
532	EA	227.00	TORO 570 MPR NOZZLES W/HARDIE	13.00	2951.00	0.00	0.00	227.00	2951.00
533	LF	1180.00	4in SCH 40 PVC SLEEVES	5.10	5916.00	0.00	0.00	1160.00	5916.00
534	LF	5260.00	2 1/2in SCH 40 PVC SLEEVES (TREE	3.10	16306.00	0.00	0.00	5260.00	16306.00
535	EA	3.00	WEATHERMATIC 11000 SERIES 1 R	100.00	300.00	0.00	0.00	9.00	900.00
536	EA	7.00	WEATHERMATIC 11000 SERIES 1 1/	150.00	1050.00	0.00	0.00	11.00	1650.00
537	EA	8.00	WEATHERMATIC 11000 SERIES 2in	200.00	1600.00	0.00	0.00	9.00	1800.00
538	LF	18100.00	ELECTRICAL VALVE WIRING 14 GA	0.10	1810.00	0.00	0.00	29100.00	2910.00
539	LF	350.00	2.5in SCH 40 PVC MAIN LINE	3.30	1155.00	0.00	0.00	1070.00	3531.00
540	EA	18.00	SPEARS 2in BALL VALVES	50.00	900.00	0.00	0.00	18.00	900.00
541	EA	4.00	BUCKNER 30A QCV W/VALVE BOX	200.00	800.00	0.00	0.00	10.00	2000.00
542	LF	80.00	2.5in CLASS 200 PVC PIPE	3.50	280.00	0.00	0.00	80.00	280.00
543	LF	1120.00	2in CLASS 200 PVC PIPE	2.20	2464.00	0.00	0.00	1160.00	2552.00
544	LF	1360.00	1 1/2in PVC PIPE	2.00	2720.00	0.00	0.00	1440.00	2880.00
545	LF	3220.00	1 1/4in PVC PIPE	1.80	5796.00	0.00	0.00	3340.00	6012.00
546	LF	4000.00	1in PVC PIPE	1.70	6800.00	0.00	0.00	4440.00	7548.00
547	LF	3400.00	3/4in PVC PIPE	1.60	5440.00	0.00	0.00	4680.00	7488.00
548	EA	109.00	60" TREE GRATE, R-8838-A (DEDUCT	(300.00)	(32,700.00)	0.00	0.00	109.00	(32,700.00)
550	LF	1790.00	3/4" PVC CONDUIT TO TREE WELLS	2.95	5162.50	0.00	0.00	1625.00	4793.75

Change Order #1

CY	560.00	REM/REPL PEA GRAVEL	9.58	5364.80	0.00	0.00	560.00	5364.80
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Change Order #2

LS	1.00	ABANDON EXISTING WATER SERVIC	490.00	490.00	0.00	0.00	1.00	490.00
LS	1.00	EXPLORATION AT ADDISON/ARAPAH	1255.00	1255.00	0.00	0.00	1.00	1255.00
LS	1.00	CONNECT SWB ROOF DRAINS	700.00	700.00	0.00	0.00	1.00	700.00

Change Order #3

LS	1.00	ORANGE CONSTRUCTION FENCE	952.84	952.84	0.00	0.00	1.00	952.84
LS	1.00	LOWER IRRIGATION CONDUIT	6061.72	6061.72	0.00	0.00	1.00	6061.72

Change Order #4

551	LF	6000.00	INSTALL/REM TEMP BUTTONS	1.55	9300.00	0.00	0.00	3106.00	4814.30
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Change Order #5

552	LS	1.00	CONVERT EXISTING INLET TO MANH	3700.00	3700.00	0.00	0.00	1.00	3700.00
553	CY	31.00	ADDITIONAL COST FOR CL K CONC	120.00	3720.00	0.00	0.00	30.00	3600.00
LS	1.00	RELOCATE HYDRANT ON QUORUM	2000.00	2000.00	0.00	0.00	1.00	2000.00	

Change Order #6

554	EA	1.00	BASE POLE W/48' MAST ARM	7800.00	7800.00	0.00	0.00	1.00	7800.00
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Change Order #7

EA	18.00	65 GAL SHUMARD RED OAK (3.5"-4")	780.00	14040.00	0.00	0.00	18.00	14040.00
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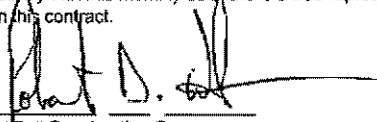
Change Order #8

555 EA 32.00 REPLACE BALLAST & LAMPS (13 W) 170.00 5440.00 32.00 5440.00 32.00 5440.00

Change Order #?

EA	0.00	CREDIT FOR BEGA BASE NOT INSTA	-300.00	0.00	3.00	-900.00	3.00	-900.00
LF	0.00	ELIM EXISTING 24" STRIPE	3.45	0.00	98.00	338.10	98.00	338.10
EA	0.00	ELIM EXISTING ARROW	35.00	0.00	6.00	280.00	8.00	280.00
LF	0.00	ELIM EXISTING 6" STRIPE	1.15	0.00	487.00	560.05	487.00	560.05
LF	0.00	8" WHITE THERMO (SLD)	2.50	0.00	792.00	1980.00	792.00	1980.00
LF	0.00	8" WHITE THERMO (SLD)(CROSSWA	2.50	0.00	34.00	85.00	34.00	85.00
LF	0.00	4" YELLOW THERMO (SLD)	1.25	0.00	228.00	285.00	228.00	285.00
LF	0.00	4" WHITE THERMO (DOT)	1.25	0.00	50.00	62.50	50.00	62.50
SF	0.00	EXTRA COST OF PINE HALL PAVERS	1.85	0.00	4898.00	9061.30	4898.00	9061.30
LS	0.00	RECONSTRUCT MILLENIUM DRIVEW	6470.10	0.00	1.00	6470.10	1.00	6470.10
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LS	0.00	MATERIAL ON HAND, UTILITIES	1.00	0.00	0.00	0.00	0.00	0.00
LS	0.00	MATERIAL ON HAND, LANDSCAPE	78.95	0.00	0.00	0.00	0.00	0.00
LS	0.00	MATERIAL ON HAND, TREE GRATES	480.35	0.00	0.00	0.00	0.00	0.00
LS	0.00	MATERIAL ON HAND, SIGNAL ITEMS	1.00	0.00	0.00	0.00	0.00	0.00
LS	0.00	MATERIAL ON HAND, SIGNAL POLES	3292.27	0.00	0.00	0.00	0.00	0.00
LS	0.00	MATERIAL ON HAND, BEGA POLES	1658.60	0.00	0.00	0.00	0.00	0.00
LS	0.00	MATERIAL ON HAND, SIGNAL HARD	1.00	0.00	0.00	0.00	0.00	0.00
LS	0.00	MATERIAL ON HAND, BRICK PAVERS	1.00	0.00	0.00	0.00	0.00	0.00
LS	0.00	MATERIAL ON HAND, VIDEO EQUIPM	1.00	0.00	0.00	0.00	0.00	0.00

I certify that this monthly estimate is a true representation of the work performed on this contract.

  
 Ed Bell Construction Company

23 Apr 01  
 Date

3,932,001.36	MONTH	59,802.63	TO DATE	4,001,425.80
	DEDUCTIONS	0.00	DEDUCTIONS	0.00
	SUB TOTAL	59,802.63	SUB TOTAL	4,001,425.80
	RETAINAGE		RETAINAGE	
	0%	0.00	0%	0.00
	SUB TOTAL	59,802.63	PREV PAY	3,744,542.01
			AMT DUE	256,883.79

Reviewed By:

Town of Addison Public Works Inspector

Date

Approved By:

Town of Addison Assistant City Engineer

Date

Arapaho Rd. Relocation - Addison, Texas

Comb. Cantilever Retaining Wall & Sidewalk

1.	5 1/2"	=	.459
2.	10"	=	.83
3.	1'-5 1/2"	=	1.459
4.	1'-11 1/4"	=	1.938
5.	2'-5 1/2"	=	2.459
6.	2'-11 1/2"	=	2.959
7.	3'-1 1/2"	=	3.042
8.	3'-1 1/2"	=	3.125
9.	3'-2"	=	3.167
10.	3'-11"	=	3.917
11.	2'-2 1/2"	=	2.209
12.	1'-3"	=	1.25
13.	2"	=	.167
			<hr/>
			26.981
			13
			= 2.076 Av. Height

68' X .583 X .5	=	.735	CY
68' X 5.5' X .5	=	6.926	✓
68' X 2.1' X .5	=	2.645	✓
9' X 5' X .5	=	.834	✓
			<hr/>
			11.14
			CY

22-141 50 SHEETS  
22-142 100 SHEETS  
22-144 200 SHEETS





**ED BELL CONSTRUCTION COMPANY**

POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-0787

10805 HARRY HINES  
DALLAS, TEXAS 75220

931

December 3, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

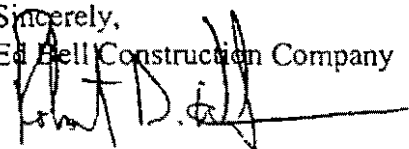
Dear Mr. Pierce:

As the result of our November 30, 1999 meeting regarding completion of the remainder of the work on this project, we have directed our paver subcontractor to procure and lay the Pine Hall pavers as an approved substitution for the Glen Gary pavers. In accordance with our agreement, it is our understanding that you will establish a pay item for the additional cost for the Pine Hall pavers. The additional cost is \$1.85 per SF for an estimated quantity of 5000 SF. Payment for the Pine Hall pavers would be accomplished utilizing the original paver item number and the additional cost pay item.

Additionally, we understand that the Town of Addison will hold our retainage until the retainage principal generates enough interest to pay for the additional cost of the Pine Hall pavers. Our investigation indicates that the delivery problem with the Glen Gary pavers appears to be solely attributable to the supplier selected by the Town of Addison. Since the project has been substantially complete for several months allowing the Town to generate interest from the retainage principal and we do not believe that the late May 2000 delivery date for the originally specified Glen Gary pavers was within our paver subcontractor's power to change or control, we request that the Town of Addison consider paying the retainage for this project no later than June 2000 rather than waiting for the retainage principal to generate enough revenue, beginning in December 1999, to cover the additional paver cost. Your consideration of this request is greatly appreciated.

If you have any questions regarding this issue, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company



Robert D. Weber  
Project Engineer

WIN	_____
ROB	_____
MITO	_____
GUS	_____
JAY	_____
QUENTON	_____
DAVID	_____
BOBBY	_____
PROJECT COORDINATOR	_____



**CONTRACTOR'S BASIS OF ESTIMATE  
FOR ITEMS TO BE ADDED BY SUPPLEMENTAL AGREEMENT**

PROJECT #: 98-12  
 PROJECT: ARAPAHO ROAD RECONSTRUCTION  
 LIMITS: N. DALLAS TOLLWAY TO ADDISON RD  
 CITY: TOWN OF ADDISON

WORK ITEM:  
 CONCRETE DRIVEWAY @ MILLENIUM  
 ESTIMATED QTY: 1.000  
 LS

EQUIPMENT DESCRIPTION EQ #		HOURLY RATE	APPROX. # HRS	TOTAL
FOREMAN PICKUP	1	\$9.84	16	\$157.44
CAT 936 RT LOADER	2	\$40.61	16	\$649.76
SERVICE TRUCK	3	\$27.23	16	\$435.68
		\$0.00	0	\$0.00
		\$0.00	0	\$0.00
		\$0.00	0	\$0.00
		\$0.00	0	\$0.00
		\$0.00	0	\$0.00
		\$0.00	0	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
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				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
TOTAL EQUIPMENT COSTS				\$1,242.88

RENTAL RATE BLUE BOOK =  
 (MONTHLY RATE X ADJUST FACTOR X REGIONAL FACTOR)

176

+ OPER COSTS

SHEET 2 (EQUIP)

**CONTRACTOR'S BASIS OF ESTIMATE  
FOR ITEMS TO BE ADDED BY SUPPLEMENTAL AGREEMENT**

PROJECT #: 98-12  
PROJECT: ARAPAHO ROAD RECONSTRUCTION  
LIMITS: N. DALLAS TOLLWAY TO ADDISON RD  
CITY: TOWN OF ADDISON

WORK ITEM: CONCRETE DRIVEWAY @ MILLENIUM  
ESTIMATED QTY: 1.000  
LS

MATERIAL	UNIT OF MEASURE	EST QTY	UNIT PRICE	TOTAL
CONCRETE	CY	7.500	\$70.00	\$525.00
AIR HAMMER	LS	1.000	\$30.31	\$30.31
PLASTIC	LS	1.000	\$12.33	\$12.33
		0.000	\$0.00	\$0.00
		0.000	\$0.00	\$0.00
		0.000	\$0.00	\$0.00
		0.000	\$0.00	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
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				\$0.00
				\$0.00
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				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
TOTAL MATERIAL COSTS				\$567.64
TOTAL COST OF LABOR, EQUIPMENT AND MATERIALS				\$5,601.82
PLUS INDIRECT COSTS (OVERHEAD, BOND, ETC.)			5.00%	\$280.09
PLUS PROFIT			10.00%	\$588.19
TOTAL COSTS OF ADDED ITEM				\$6,470.10
UNIT PRICE				\$6,470.10



**PUBLIC WORKS DEPARTMENT**

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

February 27, 2001

Mr. Steven Priddy, President  
Ed Bell Construction  
P.O. Box 540787  
Dallas, TX 75354-0787

Re: Arapaho Road, Phase 1 Final Payment

Dear Mr. Priddy:

As you may know, the Town of Addison considers the work on your contract to be complete and acceptable, but we have not yet received a final pay request for the work. We have had some differences in a few of the final quantities to be paid. We had a meeting on December 6, 2000 to discuss the differences, which were supposed to have been worked out the following week.

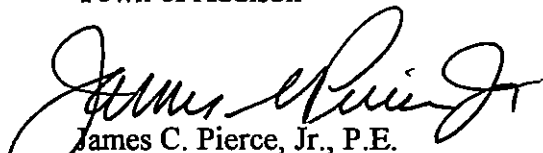
Almost 3 months have passed and we have not heard back from your firm regarding these issues. It is hard to imagine why you are not more interested in closing the job and in the \$197,000 in retainage that we hold. We would like to close our books on the project.

This is to request that you give this matter your personal attention so that we can bring this project to a conclusion to the satisfaction of all concerned.

Please give me a call at 972-450-2879 if you have any questions.

Very truly yours,

Town of Addison

  
James C. Pierce, Jr., P.E.  
Assistant Public Works Director

cc: Chris Terry, Assistant City Manager  
Michael E. Murphy, P.E., Director of Public Works

Arapahoe Rd - Final  
Quantities meeting

12-6-00

Striping 6x6 Repeater Jiggle bars  
Installed 428 Bid Qun 311  
Pay Qun 395 ??  
Item #118

Item 120 4" Fire hydrant markers

Item 129 Retaining Wall

#214 Hydro mulch

Dec 3, 1999 Letter re Lower Brick  
add cost -

Driveway Repair - X

Tim

#420 Pole & mast arm Cost  
\$6300 / \$7500

for 18 to 20

422 10 to 11

423 18 - 20

441 11 to 12

424 22 - 23

422 add 2

426 add 1

427 add 2

435 add 2



AMERICAN AUTO INS CO  
 General Form Status Inquiry  
 Our Bond No SCR 11133338191  
 08 25 2000

JOHN BAUMGARTNER DIR. OF PUB. WKS  
 P.O. BOX 9010

ADDISON , TX 75001 9010

Description: FOR PAVING, STORMWATER, WATER, WASTEWATER, SIGNALIZATION,  
 STREETScape AND MISC.

Contractor: BELL, ED INVESTMENTS, INC.

Contract Price 3,940,277 Perf Amt 3,940,277 Eff Date 02 03 1998

Without prejudicing your rights or affecting our liability under our bond, we would appreciate the following information.

1. If contract uncompleted, approximate percentage or dollar amount of contract completed or delivered

98%

Is work progressing satisfactorily? Yes \_\_\_ No X

If no, please explain: Cannot get punch list  
Items completed

2. If contract completed, please state:

Approximate completion date of work or final delivery date \_\_\_\_\_

Approximate Acceptance Date \_\_\_\_\_

Final Contract Price \_\_\_\_\_

3. Do you know of any unpaid bills for labor or material? Yes \_\_\_ No ✓

If yes, please explain: \_\_\_\_\_

Signature: J. Perin

Title: Asst Dir of PW.

Date: 9-6-00

Please return the original to:

FIREMANS FUND INS CO  
 PO BOX 2519  
 DALLAS TX 75221 2519

Attention: SURETY DEPT

- 0 0276 0 000000 0 1 031 -  
SURG.N109.A

# HUITT-ZOLLARS

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

June 2, 2000

Mr. William T. Arterburn, Principal  
Mesa Design Associates, Inc.  
3100 McKinnon Street, Suite 905  
Dallas, TX 75201

Re: Arapaho Road Streetscape Improvements - Addison, Texas

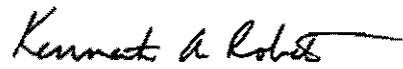
Dear Mr. Arterburn:

The Town of Addison has requested 'Record Drawings' for the Arapaho Road project. Attached are the Contractor's mark-ups and the plan originals that we had in our files. There do not appear to be any changes marked on the Contractor's plans. Please forward your mylar 'Record Drawings' to Jim Pierce, P.E. or Slade Strickland at the Town of Addison.

Please feel free to call if you have any questions.

Sincerely,

Huitt-Zollars, Inc.

  
Kenneth A. Roberts, P.E.  
Vice President

Attachments

*Jim Pierce —*

*I am forwarding  
these drawings  
per your request*

*— Tary Arterburn  
(214) 871-0568*

H:\PROJ\01177201\MESANTP.DOC



**ED BELL CONSTRUCTION COMPANY**

POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-0787

10805 HARRY HINES  
DALLAS, TEXAS 76220

August 12, 2000

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

Post-it® Fax Note 7671		Date 8/13/00	# of pages 1
To Robert Weber	From Jim Pierce		
Co./Dept.	Co.		
Phone #	Phone #		
Fax #	Fax #		

Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

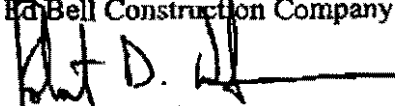
Dear Mr. Pierce:


In an effort to close the referenced project with Hawkins Nursery and Landscape Company, Inc., our landscape subcontractor, we request that your office review and approval the final quantities for their scope of work. The following quantities represent the improvements that Hawkins completed for the project:

ITEM	DESCRIPTION	FINAL QUANTITY	UNIT	UNIT PRICE	ITEM TOTAL
521	100 GAL 4" RED OAK	124.00	EA	\$1,000.00	\$124,000.00
522	12 FT FOSTER HOLLY	132.00	EA	\$1,000.00	\$132,000.00
523	ASIAN JASMINE 4" POTS, QUORUM DRIVE	504.00	SF	\$2.00	\$1,008.00
525	ASIAN JASMINE 4" POTS, MEDIANS	2,275.00	SF	\$2.00	\$4,550.00
	85 GAL SHUMARD RED OAK (3.5" TO 4")	18.00	EA	\$780.00	\$14,040.00
	CONTRACT AMOUNT				\$275,598.00

Based upon the various punch lists and by conversations with your staff, it is our understanding that Hawkins has completed their punch list work. Please indicate your approval of the final quantities for these items and the status of their portion of punch list by signing in the space provided.

If you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company  
  
Robert D. Weber  
Project Engineer

  
James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison

**ED BELL CONSTRUCTION COMPANY**  
**P.O. BOX 540787**  
**DALLAS, TX 75354-0787**

**FACSIMILE TRANSMITTAL SHEET**

TO: <i>Jim Pierce</i>	FROM: Robert D. Weber
COMPANY: <i>Town of Addison</i>	DATE: <i>12 Aug 00</i>
FAX NUMBER: <i>(972) 450-2837</i>	TOTAL NO. OF PAGES INCLUDING COVER: <i>2</i>
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE:	YOUR REFERENCE NUMBER:

URGENT   
 FOR REVIEW   
 PLEASE COMMENT   
 PLEASE REPLY   
 PLEASE RECYCLE

NOTES/COMMENTS:

*Jim,*

*Could you review these quantities so that we can close this job w/ Hawkins. Thanks.*

*Rob*

Job	Start Time	Usage	Phone Number or ID	Type	Pages	Mode	Status
497	8/15 8:07AM	0'26"	2143506678	Send.....	1 / 1	EC144	Completed.....

Total 0'26" Pages Sent: 1 Pages Printed: 0

2143523201; Aug-12-00 4:45PM; Page 2/2  
FAX (214) 362-3201 TEL (214) 956-0061

**ED BELL CONSTRUCTION COMPANY**  
POST OFFICE BOX 140757  
DALLAS, TEXAS 75244-0757  
10008 HUNTER HINES  
DALLAS, TEXAS 75220

August 12, 2000

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

Post-Net Fax Note	7071	Date	8/15/00	Time	11:24 AM
To	Robert Weber	From	Jim Pierce		
Co/Dept.		City			
Phone #		Phone #			
Fax #		Fax #			

Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison


Dear Mr. Pierce:


In an effort to close the referenced project with Hawkins Nursery and Landscape Company, Inc., our landscape subcontractor, we request that your office review and approval the final quantities for their scope of work. The following quantities represent the improvements that Hawkins completed for the project:

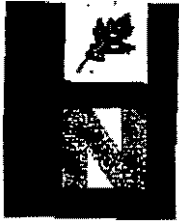
ITEM	DESCRIPTION	FINAL QUANTITY	UNIT	UNIT PRICE	ITEM TOTAL
501	100 GAL #1 RED OAK	15.00	EA	\$1,200.00	\$18,000.00
502	12 FT POSTER PALM	150.00	EA	\$1,000.00	\$150,000.00
503	12 FT PALM TREE	100.00	EA	\$1,000.00	\$100,000.00
504	12 FT PALM TREE	1,274.00	EA	\$1,000.00	\$1,274,000.00
	100 GAL BURNING RED OAK (1.5" TO 4")	10.00	EA	\$1,200.00	\$12,000.00
	CONTRACT ADMINISTRATION				\$175,000.00

Based upon the various punch lists and by conversations with your staff, it is our understanding that Hawkins has completed their punch list work. Please indicate your approval of the final quantities for these items and the status of their portion of punch list by signing in the space provided.

If you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company  
  
Robert D. Weber  
Project Engineer

  
James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison



# HAWKINS

## NURSERY & LANDSCAPE CO., INC.

P.O. Box 800469 Dallas, Texas 75380-0469  
Main Office: 972/596-5904 FAX: 972/964-3790

VIA FACSIMILE (214) 352-3201

August 8, 2000

*Jim - FYI  
SCOPE*

Mr. Robert D. Weber  
Ed Bell Construction Company  
10605 Harry Hines  
Dallas, Texas 75220

Re: Arapaho Road Reconstruction - Addison Road to Dallas North Tollway

Dear Mr. Weber:

We completed our scope of work under our subcontract with you dated March 25, 1998 in August 1999 and the additional 18 contracted Red Oaks in November 1999. Our final billing on the base contract was in September 1999 and our final billing on the additional trees was in November 1999.

To date we have not been paid retainage for these contracts. Please look into this issue and advise me within 24 hours the date we can expect payment. I feel very strongly this time frame for an outstanding balance far surpasses any understandable, or reasonable, delays for payment.

I anticipate your reply.

Very truly yours,

HAWKINS NURSERY & LANDSCAPE CO., INC.

*O.T. Hawkins*

O. T. HAWKINS  
President

OTH/jb

cc: Mr. Ron Lee/Town of Addison Parks Dept/via facsimile (972) 450-2834

Job	Start Time	Usage	Phone Number or ID	Type	Pages	Mode	Status
149	7/10 9:57AM	0'43"	2143523201	Send.....	3/ 3	EC144	Completed.....

Total 0'43" Pages Sent: 3 Pages Printed: 0

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Robert Weber

From: Jim Pierce, P.E.  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834  
jpierce@t.addison.tx.us

Company: Ed Bell Const

FAX #: 214-352-3201

Date: 7-10-00

16801 Westgrove  
P.O. Box 9010  
Addison, TX 75001-9010

# of pages (including cover): 3

Re: Arapaho Rd

Original in mail     Per your request     FYI     Call me

Comments: Report from TX Dept of Licensing & Regulation FYI. This item is on your punch list

What is your scheduled completion date for this project?

*J. Pierce*

CC Dave Wilder

# TEXAS DEPARTMENT OF LICENSING AND REGULATION

Dallas Regional Office  
3650 N. Buckner Blvd. Suite 106  
Dallas, Texas 75228



Tele: 214 / 328-5081  
Toll Free: 1 800 687-4102  
FAX: 214 / 328-5286

Dallas Regional Office

TOWN OF ADDISON  
JIM PIERCE  
16801 WESTGROVE P O BOX 9010  
ADDISON, TX 75001-9010

JUN-27-2000

Re: ARAPAHO STREETSCAPE  
ARAPAHO RD  
ADDISON, TX 75001

EABPRJ98003106

Dear Sir / Madam

The referenced facility has been inspected and found not to be in compliance with some of the provisions of the Architectural Barriers Act, Article 9102, Texas Civil Statutes.

The non-complying items noted on the enclosed inspection report must be corrected and verification of completed corrections (in writing) must be furnished to this office within 90 days from the date of this letter. If compliance can not be accomplished within the specified time, please contact this office as soon as possible.

Please note, this determination does not address the requirements of the Americans with Disabilities Act (ADA), (P.L. 101-336), or any other state, local or federal requirement. For information on the ADA, please contact the United States Department of Justice, Civil Rights Division at (202)514-0301.

If you have any questions concerning the results of the inspection, or the requirements of the Architectural Barriers Act, or if you are not the owner of record for this facility, contact JEFFREY STOUT at (214)328-5081 or at (800)687-4102.

Please reference the EABPRJ number in all future correspondence pertaining to this project.

Enclosure: Inspection Report

:553

TEXAS DEPARTMENT OF LICENSING AND REGULATION

T.A.S. INSPECTION WORKSHEET  
Article 9102, T.C.S.

PROJECT NO.: EABPRJ98003106  
INSPECTION : EAB2000041712I  
REVISION OF: EAB1998017885R  
PAGE: 1

PROJECT: ARAPAHO STREETSCAPE  
FACILITY: ARAPAHO STREETSCAPE  
OWNER: TOWN OF ADDISON  
ARCHITECT: MESA DESIGN GROUP  
INSPECTOR: STOUT, JEFFREY

DATE: 06/21/00

UNACCEPTABLE 4 ACCESSIBLE ELEMENTS AND SPACES: TECHNICAL REQUIREMENTS

UNACCEPTABLE 4.7 CURB RAMPS

4.7.4 Surface

Surfaces of curb ramps shall comply with 4.5.

(2) Contrast

For purposes of warning, the full width and depth of curb ramps shall have a light reflective value and texture that significantly contrasts with that of adjoining pedestrian routes.

\*\*\*VIOLATION: NO CONTRASTING COLOR PROVIDED ON THE SURFACE OF THE CONCRETE CURB RAMPS ALONG THE ARAPAHO STREETSCAPE.



U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
STORM WATER NOTICE OF INTENT CENTER



**OPERATOR:**  
TOWN OF ADDISON  
PO BOX 9010  
ADDISON, TX 75001-9010

**FACILITY:**  
ARAPAHO ROAD CONSTRUCTION  
ARAPAHO RD  
ADDISON, TX  
75001-9010

**PERMIT NUMBER: TXR10GQ50**

**05/25/2000**

Dear Operator:

Thank you for submitting your Notice of Termination (NOT) form, terminating coverage under the EPA's Storm Water Construction Permit. The coverage for the facility listed above has been terminated effective midnight of 5/25/2000. By submission of this NOT form, you are certifying that you have reviewed the terms and conditions of the construction permit and have determined that the facility no longer requires coverage.

If you have any questions regarding this letter, please contact the Storm Water Notice of Intent Center at (301) 495-4145. If you have other questions concerning the storm water program, please call the EPA Region 06 contact: Brent Larsen, (214) 665-7523.





U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
STORM WATER NOTICE OF INTENT CENTER



**OPERATOR:**  
TOWN OF ADDISON  
PO BOX 9010  
ADDISON, TX 75001-9010

**FACILITY:**  
ARAPHAO ROAD CONSTRUCTION  
ARAPAHO RD  
ADDISON, TX  
75001-9010

**PERMIT NUMBER: TXR10EW55**

**05/25/2000**

Dear Operator:

Thank you for submitting your Notice of Termination (NOT) form, terminating coverage under the EPA's Storm Water Construction Permit. The coverage for the facility listed above has been terminated effective midnight of 5/25/2000. By submission of this NOT form, you are certifying that you have reviewed the terms and conditions of the construction permit and have determined that the facility no longer requires coverage.

If you have any questions regarding this letter, please contact the Storm Water Notice of Intent Center at (301) 495-4145. If you have other questions concerning the storm water program, please call the EPA Region 06 contact: Brent Larsen, (214) 665-7523.

6-22-00

Arapaho Rd — Jeff Stout / Inspector  
TAS# 214-328-5081-3010  
Texas Accessibility Standards —

Plans were conditionally approved — 2-14-98

~~Addin Stone Cottage~~

Jeff will inspect the project for compliance with accessibility standards. We will have his report in a week or 10 days.



Texas Department of  
Licensing and Regulation

JEFFREY F. STOUT  
Inspector

3650 N. Buckner Blvd.  
Suite 106  
Dallas, Texas 75228

(214) 328-5081 ext. 3010  
FAX: (214) 328-5286

jeffrey.stout@license.state.tx.us

## HAWKINS NURSERY &amp; LANDSCAPE CO., INC.

## FACSIMILE TRANSMITTAL SHEET

TO:	Mr. Ron Lee	FROM:	Bill Roy
COMPANY:	Town of Addition Parks Dept.	DATE:	6/6/00
FAX NUMBER:	(972) 450-2834	TOTAL NO. OF PAGES INCLUDING COVER:	1
PROJECT:	Arapaho Road Project		
RE:			

URGENT      FOR REVIEW      PLEASE COMMENT      PLEASE REPLY      PLEASE RECYCLE

## NOTES/COMMENTS:

In response to your letter dated May 5, 2000; please be advised we have replaced the Red Oak tree on Arapaho Road, between Edwin Lewis and Addison Road.

In addition, please be advised we will extend the warranty period on the Foster Holly trees for an additional year, making their total warranty time 2 years from substantial completion. This should allow time for additional healing or possibility of further complications with Hawkins Nursery bearing the liability.

If you need any further information or have any questions please call me.

# Mel's Electric

1810 S. Akard St.  
Dallas, Tx. 75215  
214-565-1074

Fax: 214-565-1081

SUBJECT OF THIS TRANSMITTAL: PARTS LIST BOLLARD LIGHTS

NUMBER OF PAGES TO FOLLOW: 0

ATTENTION OF: JIM PIERCE

DATE: 5-11-00

FROM: KEITH ROBERTSON

NOTES: BALLAST ADVANCE #ICF-2S13-H1-LD  
LAMPS SYLVANIA #CF13DD/E/827 (20682) 13 WATT  
T4 BULB, G24Q-1 BASE 2700K

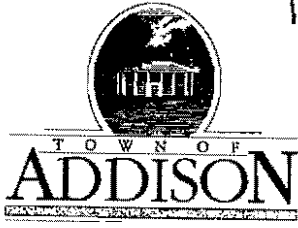
GLASS LENS Bega 112506.1 FOR 3137P LENS ONLY  
FOR 5137P ← *Fixture Number*

AVAILABLE THRU SUMMIT ELECTRIC SUPPLY  
2626 ELECTRONIC LANE  
DALLAS, TX. 75220  
214-357-7000  
ATTN: TREY NEWCOMB

*cc Slade  
Ron Lee*

*Faxed*

Post-it® Fax Note	7671	Date	5-5-30	# of pages	1
To	Robert Weber		From	Jim Pierce	
Co./Dept.	Ed Bell Const.		Co.	Addison	
Phone #			Phone #		
Fax #	214-352-3201		Fax #		



**PARKS & RECREATION**

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2851 • FAX (972) 450-2834

16801 Westgrove

May 5, 2000

Mr. Bill Roy  
 Hawkins Landscape Company  
 P. O. Box 800469  
 Dallas, Texas 75380-0469

Mr. Roy:

Recently I drove the Arapaho Road Project on which your company supplied and installed the streetscape and median trees and groundcover. This letter is to notify you that one of the Red Oak trees located on the south side of Arapaho Road and between Edwin Lewis and Addison Road, has died. This tree will need to be replaced within (30) days of this notification with a tree that meets the original requirements of the project. The replacement tree is covered under the project warranty.

During my inspection, I also noticed that several of the Foster Holly trees located on the medians are not displaying a dense canopy of foliage. Such was also the case when the project was inspected following the installation, and was such noted in the 'Landscape Inspection-Arapaho Streetscape' document submitted by myself on September 22, 1999. Additionally, this punch list also made note that the bark of many of the Foster Holly trees was cracking and exfoliating. These wounds have not healed and could be a contributing factor to the stress that many of the trees are exhibiting. Such wounds also open the trees up for insect damage and disease infection.

The Town of Addison Park's Department would like to set a time to visit the site with you and walk the project to discuss how the Foster Holly issue can be resolved. Please contact me at 972-450-2851 at your earliest to establish the appointment.

Ron Lee  
 Parks Operation Manager  
 Town of Addison

Cc: Jim Pierce, Town of Addison Project Engineer  
 Slade Strickland, Town of Addison Parks Director

5-3-00

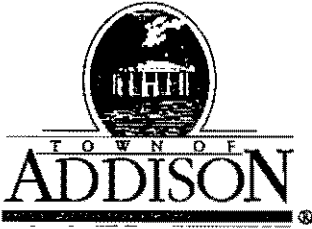
Called Robert Weber

He asked if Sam had been out.  
I stated brick pallet had not been  
moved. Hadn't seen anyone else out  
here. Tree gates not finished.

Rob stated he will probably now  
have to finish the job for his subs  
and discharge them.

Rob will get after it.

JCO



**PUBLIC WORKS DEPARTMENT**

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

April 17, 2000

Mr. Robert D. Weber, Project Engineer  
Ed Bell Construction  
P.O. Box 540787  
Dallas, TX 75354-0787

Re: Arapaho Road, Phase 1

Dear Mr. Weber:

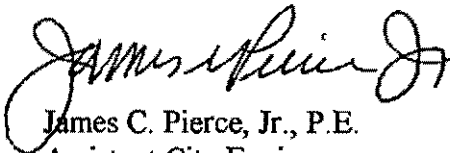
The Town of Addison is looking forward to the day the Arapaho Road Project is completed. As you know, we have had several walk-throughs on this project, and yet there are many significant punch list items that remain.

This is to request that you give this your personal attention and increase your efforts to finish the work.

Please submit your schedule for completing the work for our review. Please give me a call if you have any questions.

Very truly yours,

Town of Addison



James C. Pierce, Jr., P.E.  
Assistant City Engineer

cc: Chris Terry, Assistant City Manager  
Michael E. Murphy, P.E., Director of Public Works  
Steven Priddy, President, Ed Bell Construction

## Jim Pierce

---

**From:** Ron Lee  
**Sent:** Monday, April 17, 2000 7:46 AM  
**To:** Jim Pierce

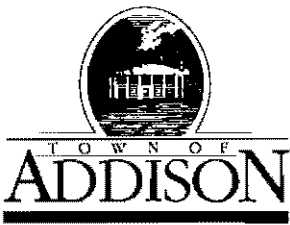
Got a call from Keith at Mel's Electric. He had his guys attempt to change the ballasts and lamps in the bollard fixtures at the corner of Arapaho and Quorum, but the sockets for their new bulbs did not match the existing ones. So, they simply removed one of the bulbs in each of the fixtures at one of the corners; Keith believes it was the ones at the northeast corner, but he is not certain. Keith requested that the powers of decision making go by some evening this week and check it out. Keith wants to know if what he did is acceptable and then he will do the remainder of the bollards. If not, he will continue his search for the correct lamp.

## Ron Lee

Mel's 214-565-1074

4-17-00- called Keith & advise that we want  
the ballast/bulb change as originally planned. Requested  
a spec on the replacement bulb.





**Public Works / Engineering**  
 16801 Westgrove • P.O. Box 144  
 Addison, Texas 75001  
 Telephone: (214) 450-2871 • Fax: (214) 931-6643

**LETTER OF TRANSMITTAL**

DATE	4-13-00	JOB NO.
ATTENTION		
RE:	Arapaho Rd ADA Ramps	

TO Robert Weber  
Ed Bell Const

- GENTLEMAN:**  
**WE ARE SENDING YOU**
- Attached
  - Under separate cover via \_\_\_\_\_ the following items:
  - Shop Drawings
  - Prints
  - Plans
  - Samples
  - Specifications
  - Copy of letter
  - Change order
  - \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
1			Canyon Tone Stain Color Selection (Brick Red)
1			" " " Technical Data
			" " " Master Guide Spec

- THESE ARE TRANSMITTED as checked below:**
- For approval
  - For your use
  - As requested
  - For review and comment
  - FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_\_
  - Approved as submitted
  - Approved as noted
  - Returned for corrections
  - \_\_\_\_\_
  - Resubmit \_\_\_\_\_ copies for approval
  - Submit \_\_\_\_\_ copies for distribution
  - Return \_\_\_\_\_ corrected prints
  - PRINTS RETURNED AFTER LOAN TO US

**REMARKS** This is the material we suggest you use to paint the ADA ramps to get the required contrasting color. This is the same product that was used on the wall adjacent to the parking garage. Please note that two coats of the stain are required.  
Please advise your schedule for finishing this project.

**COPY TO** Dave Wilde

**SIGNED:** Jeffrey

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

HP LaserJet 3100  
Printer/Fax/Copier/Scanner

SEND CONFIRMATION REPORT for  
Town of Addison  
9724502834  
Jan-27-00 8:02AM

Job	Start Time	Usage	Phone Number or ID	Type	Pages	Mode	Status
533	1/27 8:01AM	0'21"	2143523201	Send.....	1 / 1	EC144	Completed.....

Total 0'21" Pages Sent: 1 Pages Printed: 0

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Robert Weber

From: Jim Pierce, P.E.  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834  
jpierce@ci.addison.tx.us

Company: Ed Bell Const

FAX #: 214-352-3201

Date: 1-27-00

16801 Westgrove  
P.O.Box 9010  
Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd.

Original in mail     Per your request     FYI     Call me

Comments: With the rain today, it would be a  
good time to look @ drainage on Arapaho  
Rd. Please coordinate with Dave Witte  
@ 972-450-2847 or mobile 214-215-6528

J. Pierce

Job	Start Time	Usage	Phone Number or ID	Type	Pages	Mode	Status
486	1/24 11:12AM	0'24"	2143523201	Send.....	1 / 1	EC144	Completed.....

Total 0'24" Pages Sent: 1 Pages Printed: 0

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Robert Weber

From: Jim Pierce, P.E.  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834  
jpierce@ci.addison.tx.us

Company: Ed Bell Const

FAX #: 214-352-3201

Date: 1-24-00

16801 Westgrove  
P.O.Box 9010  
Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arroyo Road

- Original in mail
- Per your request
- FYI
- Call me

Comments: I continue to get complaints from the  
Colonnade about the condition of the sidewalk  
on the SW. corner of Arroyo & Dallas Parkway.  
You promised me the debris would be  
removed & area cleaned up last week.  
This has gone on entirely too long. If  
this is not cleaned up in 48 hours, we will  
hire someone to do it and deduct the cost  
from your contract. Please call me and let  
me know if you will do it, or if I should  
hire someone.

Jim Pierce

cc Dave Wilde

## Jim Pierce

---

**From:** Ron Lee  
**Sent:** Tuesday, January 04, 2000 8:14 AM  
**To:** Jim Pierce  
**Cc:** Slade Strickland  
**Subject:** Arapaho Project

I talked with Keith from Mel's Electric this morning and he said that they did not want to do anything to the bollards at the corners of the intersection of Arapaho and Quorum yet as the job has not been sold. He told me that the lens on each side of the bollards has (2) 27-watt flourescent lamps. After the job is sold, he said we could look at going to a 13-watt lamp, which would require changing out the transformers as well, or simply removing one of the two existing lamps.

*Ron Lee*

Job	Start Time	Usage	Phone Number or ID	Type	Pages	Mode	Status
298	1/ 4 10:05AM	0'24"	2143523201	Send.....	1 / 1	EC144	Completed.....

Total 0'24" Pages Sent: 1 Pages Printed: 0

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Robert Weber

From: Jim Pierce, P.E.  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834  
jpierce@ci.addison.tx.us

Company: Ed Bell Const.

FAX #: 214-352-3201

Date: 1-4-00

16801 Westgrove  
P.O.Box 9010  
Addison, TX 75001-9010

# of pages (including cover): 1

Re: Atapako Rd

Original in mail     Per your request     FYI     Call me

Comments: This is to confirm the voice mail message I left for you at room yesterday expressing dissatisfaction with the way the bricks have been laid in the sidewalk area along Durum drive. The pattern does not "line up" properly with the concrete edge band restraint (the curb next to the property line). The brick will need to be re-laid to line up properly.

Jim Pierce

## Jim Pierce

---

**From:** John Baumgartner  
**Sent:** Monday, November 22, 1999 3:16 PM  
**To:** Jim Pierce  
**Cc:** Chris Terry; Jim Pierce  
**Subject:** FW: WYNN JACKSON CURB

It is very desirable to have the bricks and driveway repaired prior to Christmas. If you can't get Mr. Webber, to respond then a letter charging liquidated damages beginning in December is appropriate.

-----Original Message-----

**From:** Carmen Moran  
**Sent:** Monday, November 22, 1999 3:12 PM  
**To:** John Baumgartner  
**Subject:** RE: WYNN JACKSON CURB

John, Clyde Jackson plans to have his grand opening close to the Millennium, which probably means between Christmas and New Years.

CM

-----Original Message-----

**From:** John Baumgartner  
**Sent:** Monday, November 22, 1999 3:11 PM  
**To:** Chris Terry  
**Cc:** Jim Pierce; Carmen Moran  
**Subject:** RE: WYNN JACKSON CURB

We have not received an answer to our request from Ed Bell construction. I suspect that we will have to threaten liquidated damages to get their attention. I would love to call Jeanne if you could share the number with me. At this time, the only news I have is that we directed the contractor to revise the driveway entrance. Do you know what Clyde Jackson's schedule is?

I do not know if there is any cost to us for this work.

-----Original Message-----

**From:** Chris Terry  
**Sent:** Monday, November 22, 1999 1:32 PM  
**To:** Carmen Moran  
**Cc:** John Baumgartner  
**Subject:** WYNN JACKSON CURB

What is the status from the contractor on correcting this? Please call Jeanne (the property manager) to update her on the situation. Do we have a better idea of the actual cost to correct?

Chris

Arapaho Rd

12-3-99

Telecon with Robert Weter

- Rob asked Paver const to order brick on 11/30. Paver indicated they would, and would ask for speedy delivery. Letter coming.
- Millennium driveway - Had not talked to Pat Wants to verify if someone told Ed Bell to put in 10' radius. (No one from Town did). They will start on that work late next week.
- Most all other subs have committed to coming in next week and finishing up.

J.P.

7:55  
4/11/99

Arizona • Colorado • Nevada • New Mexico • Texas • Utah



**GARDNER  
TURFGRASS,  
INC.**

Ph. (940) 437-9911 Fax (940) 437-9974

September 23, 1999

Native Seeding & Turf, Inc.  
P.O.Box 542154  
Dallas, Tx 75354

Atten: Trey Lewis  
Re: P.O.# 1997  
Islands on Arapaho Road

*Corporate Office*  
1333 W. 120<sup>th</sup> Ave.  
Suite 111  
Westminster, CO  
80234

*Arizona*  
500 N. 56<sup>th</sup> St.  
Suite 18  
Chandler, AZ  
85226-2507

*Colorado*  
2458 Weld C.R. 61  
Hudson, CO  
80642

*New Mexico*  
16 County Rd. 72  
P.O. Box 209  
McIntosh, NM  
87032

*New Mexico*  
5590 McNutt Rd.  
P.O. Box 18  
Santa Teresa, NM  
88008

*Texas*  
134 Gardner Drive  
P.O. Box 440  
Tioga, TX  
76271

Dear Trey,

We provided Texturf 10 on the above order on September 15, 1999 per your request. Texturf 10 is a more improved selection of common Bermuda.

If you have further questions, please don't hesitate to call me.

Sincerely,

Sam Peterson  
Farm Manager



TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Robert Weber

From: **Jim Pierce, P.E.**  
**Assistant City Engineer**  
**Phone: 972/450-2879**  
**FAX: 972/450-2834**  
jpierce@ci.addison.tx.us

Company: Ed Bell Const

FAX #: 214-352-3201

Date: 9-23-99

16801 Westgrove  
P.O.Box 9010  
Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Road - Retaining Wall - Sheet P-15

- Original in mail
- Per your request
- FYI
- Call me

Comments: Note 14 on Sheet P-15 calls for  
all exposed surfaces (not covered by brick)  
of the wall to be stained. Please add this  
to your punch list items.

*Completed*  
*11/99*

*Jim Pierce*

P.S. Would a rubbed finish be feasible at  
this stage? We would consider this, if so.

cc Pat Rivera  
Dave Wilde

To Ben Bishop  
214-571-2555

from Jim Price

Construction  
Products Division

Faxed

# CANYON TONE STAIN®

## PIGMENTED WATER-REPELLENT STAIN

### Technical Data & Application Instructions

#### PRODUCT DESCRIPTION

CANYON TONE STAIN is a pure acrylic, water-repellent penetrating stain. This unique penetrating stain contains methyl methacrylate-ethyl acrylate copolymer resins and inorganic oxide toning pigments for long term color stability, ultraviolet resistance, alkali and pollution resistance and water-repellency. Toning pigments are chemically suspended in the acrylic resins at all times, thus eliminating settling and color variations on the structure.

CANYON TONE STAIN is integrally locked into the substrate as a result of its low viscosity and microscopic penetration properties. It will allow moisture vapor to escape from the building interior under a vapor pressure drive while, at the same time, provides excellent water-repellency on the exterior through the use of hydrophobic resins.

#### BASIC USES

CANYON TONE STAIN was specifically developed as a penetrating stain with water-repellent properties for use on properly prepared vertical, above-grade smooth or textured concrete, exposed aggregate concrete, glass fiber reinforced concrete, brick, stone, stucco and other masonry surfaces. It is not designed for application to horizontal surfaces.

CANYON TONE STAIN corrects natural color imperfections in the substrate by imparting permanent color uniformity plus water-repellency without disturbing the natural texture of the structure. It will also protect the substrate against atmospheric deterioration. CANYON TONE STAIN is not designed to waterproof concrete block or other porous substrates under wind driven rain or other severe conditions.

#### PHYSICAL PROPERTIES

TABLE 1

Property	Value	Method
Solids by Weight	32% (±2)	ASTM D 2369
Solids by Volume	21% (±2)	ASTM D 2697
Weight per Gallon	8.3 lbs. (±.2 lbs) (.98 kg/l)	ASTM D 1475
Permeance†	5.6 Perms (.154 metric perms)	ASTM E 398
Dry Time*	10 minutes	ASTM D 1640
Cure Time*	30 minutes	ASTM D 1640
Gloss	3.5 (60° Gardner)	ASTM D 523
Low & High Temp. Service Limits	-70°F to 200°F (-56°C to 94°C)	

†Value listed for 10 mills (254 microns)

\*Dry time and cure time at 75°F (24°C), 50% R.H.

#### COLORS

CANYON TONE STAIN is available in 12 standard natural toned colors. It is also available in white and black as standard. All other earth tone colors are custom matched by UNITED for the specific application. UNITED has the color tinting facilities to match any color. Color chips or samples must be furnished to UNITED for all custom colors.

CANYON TONE STAIN in standard and custom colors will yield an opaque finish. A translucent, semi-gloss finish can be obtained by blending the stain with Monocryl 50 or 100. This semi-transparent stain will allow certain background aggregate colors to remain visible while uniformly toning the substrate. The entire surface, however, will be protected by a water-repellent finish.

#### WARRANTY

UNITED COATINGS warrants to the Building Owner that, when properly applied, CANYON TONE STAIN will not peel or flake, will have excellent color retention and uniformity, and will act as a water-repellent for a period of 10-years from date of completion.



Applied to back side of wall @ Carr America

WATER-REPELLENT STAIN  
Technical Data & Application Instructions

## PERFORMANCE PROPERTIES

### TABLE 2

Property	Test Procedures	Value
Ultraviolet (UV) Resistance (Accelerated Weathering)*	Atlas Carbon Arc Weather-Ometer Type EH - ASTM D 822, ASTM G 23 (continuous UV and water spray cycling)	No deleterious effects; no color fade and no chalking or flaking - after 3,000 hours
Resistance to Salt Spray*	Harshaw Salt Spray Cabinet - ASTM B 117 (5% sodium chloride fog solution)	No deleterious effects; no color fade and no efflorescence -after 500 hours
Resistance to Sulfide Staining†	Immersion in saturated Hydrogen Sulfide - ASTM D 1712	No signs of discoloration after 15 minutes
Resistance to Chemical Reagents°	Immersion in the following solutions for 7 days: 10% Sodium Hydroxide	No softening; very slight color change
	10% Ammonium Hydroxide	No softening; very slight color change
	Mineral Spirits KB Value 38	No softening or color change

\*Test conducted with **CANYON TONE STAIN** on concrete masonry blocks.

†Sulfide gas is a common industrial pollutant which discolors the pigment in many stains.

°Sodium Hydroxide and Ammonium Hydroxide were tested to show **CANYON TONE STAIN's** resistance to alkaline conditions found in concrete and masonry. Mineral Spirits is commonly used for graffiti removal.

## ADVANTAGES

- **Uniformity of Appearance:** **CANYON TONE STAIN** contains a relatively low degree of pigmentation. Depending upon the desired color, a maximum of 1 pound of toning pigments are used per 1 gallon (3.8 liters) of finished product. These toning pigments are chemically suspended in solution at all times by a proven process which eliminates settling and color variations on the structure.
- **Color Retention:** Toning pigments used in **CANYON TONE STAIN** standard colors are laminar silicates, titanium dioxide and inorganic oxides. These non-fading toning pigments are as durable as natural stone and will greatly resist ultraviolet and ozone attack.
- **No Peeling or Flaking:** Properly applied, **CANYON TONE STAIN** will penetrate and chemically lock into the pores of the concrete/masonry surface. Unlike paint, **CANYON TONE STAIN** will not flake or peel from the substrate.
- **Non-Oxidizing:** **CANYON TONE STAIN** does not contain any ingredients that will oxidize, such as vegetable and marine oils, paraffins, stearates or organic pigments which cause rapid degradation and allow moisture intrusion. **CANYON TONE STAIN** contains pure, non-yellowing methyl methacrylate-ethyl acrylate copolymer acrylic resins. **There are no filler resins or plasticizers.**
- **Non-Lapping:** Due to its unique acrylic resin formulation, **CANYON TONE STAIN** will chemically dissolve and blend into itself. This, together with the low degree of pigmentation and sheen, virtually eliminates lap-marks under most application conditions.
- **Fast drying:** **CANYON TONE STAIN** may be applied in two separate applications within the same hour utilizing only one stage setting.
- **Single Package:** **CANYON TONE STAIN** is a ready-to-use material after mixing. It has no pot life problems. Shelf life is unlimited.

## SURFACE PREPARATION

All surfaces must be structurally sound, clean, dry, fully cured, and free from dust, curing agents or form release agents, efflorescence, scale or other foreign materials. All previous coatings on the substrate must be completely removed to allow for proper penetration.

**CANYON TONE STAIN** is a natural penetrating stain. It is not designed to form a heavy "paint-like" film. If **CANYON TONE STAIN** is unable to penetrate, it will form a surface film. Surfaces such as glazed or dense brick, glass fiber reinforced concrete, and smooth dense concrete must be sweep sandblasted prior to application of **CANYON TONE STAIN** to allow for maximum penetration. Although **CANYON TONE STAIN** has been used successfully on numerous recoat projects over a wide range of existing paints and coatings, a test area should always be applied to verify compatibility. **CANYON TONE STAIN** will provide the same color stable, water-repellent properties, however, adhesion to the substrate will depend on the bond of the existing paint or coating.

It is suggested that **UNITED COATINGS'** Technical Service Department be contacted for recommendations prior to application of **CANYON TONE STAIN** on any substrate where there is any doubt as to the ability of **CANYON TONE STAIN** to properly penetrate that particular substrate.

**ESTIMATED TOTAL  
COVERAGE RATES  
TABLE 3**

Surface	Total Square Feet/ Gallon - Estimated
Concrete	
Cast-In-Place*	150
Precast*	150
Glass Fiber Reinforced Concrete (GFRC)*	150
Concrete Block†	
Contact <b>UNITED's</b> Technical Services Department for specific recommendations over concrete block	
Brick†	75
Stucco	
Spray-On†	50
Troweled†	100

\* Apply approximately 1/2 the total number of gallons in each of the two (2) separate applications.

† Apply approximately 2/3 the total number of gallons on the 1<sup>st</sup> application and the remaining 1/3 total number of gallons on the 2<sup>nd</sup> application.

Note: The above absorption (coverage) rates are provided for estimating purposes only. Absorption rates will depend upon the texture and porosity of the substrate. Allow for extra surface area when estimating coverage for raked joints and fluted or split-face surfaces. Estimated coverage rates are totals for two coats.

## APPLICATION

**CANYON TONE STAIN** may be applied by roller or airless spray equipment. Any airless spray equipment capable of 1,000 psi (6,980 kPa) and 1/2 gallon per minute (1.9 l/minute) delivery can be used for applying **CANYON TONE STAIN**.

For maximum production on large projects, airless spray equipment capable of 2,000 psi (13,780 kPa) and 1 gallon per minute (3.8 l/minute) delivery can be used.

A reversible self-cleaning spray tip with orifice size of .013" to .017" (.330 to .415 millimeters) and minimum 40 degree fan angle is recommended.

Brush or roller application is recommended only for edging work and for confined areas which would require extensive masking or protection from spray during application. When applying **CANYON TONE STAIN** with a brush or roller, exercise care so as not to apply material at a coverage rate which exceeds that which has been spray applied. If two separate applications are applied utilizing two or more methods of application, and different coverage rates for each method, variations in the finish sheen could result.

Refer to Table 3 on Estimated Coverage Rates for type of substrate and approximate total coverage rate per gallon. The coverage rates listed are the approximate total for two (2) separate applications. These figures are provided for guideline use only.

**CANYON TONE STAIN** shall be applied in a minimum of two separate applications. The first application shall achieve an indepth penetrating color base. The second application shall achieve color uniformity, aesthetic satin tone and water-repellency. The second application can be applied as soon as the first application is dry. Exceptionally coarse and/or porous substrates may require a third coat of **CANYON TONE STAIN** to achieve uniform color and sheen. When applying **CANYON TONE STAIN** blended with **Monocryl 50** or **100** to achieve a translucent appearance, care must be taken to taper and blend the material at the lap lines.

Each application shall first be in a uniform horizontal direction, followed by a uniform overlapping vertical direction. When applying **CANYON TONE STAIN** to ribbed, fluted, split face or other textured finishes, care must be taken to apply the stain from various angles to ensure that all surfaces are evenly coated. Gun shall be held perpendicular to and not more than 18" from the wall. Care should be taken during application to prevent runs or sags. Backrolling is an effective method of achieving hide over coarse or porous surfaces.

The Applicator should apply a field test on a small, inconspicuous area of the actual building surface to determine the best absorption rate to achieve color uniformity. Refer to paragraph entitled Sample Area Application.

Clean equipment with Xylol. Mineral Spirits should be left in lines and pump for storage.

## **SAMPLE AREA APPLICATION**

UNITED recommends that a sample area application be applied by the Contractor, using the desired **CANYON TONE STAIN** color. Approval shall then be obtained prior to any general application of the material. Sample application shall be conducted on an inconspicuous area on the actual building (minimum 50 square feet) (3.7 m<sup>2</sup>).

Applying the desired **CANYON TONE STAIN** color to a sample area will determine the best absorption rate to achieve color uniformity, as well as determine suitability of the application technique employed. Final appearance is affected by absorption rate, surface texture and color, porosity of the substrate and application technique. For these reasons, written approval should be obtained from the Architect and/or Building Owner prior to proceeding with the general application. Approved sample area shall serve as a standard of comparison with respect to color and overall appearance.

## **APPLICATION TIPS**

Whenever **CANYON TONE STAIN** is ordered by a customer, every effort is made to send all containers of the **CANYON TONE STAIN** color in the same batch number. However, due to fluctuations in inventory levels, there are occasions when different batch numbers of the same color are sent to complete an order. Whenever this occurs, it is the sole responsibility of the **CANYON TONE STAIN** Applicator to make certain that only one batch number is used on any side of the building. Different batch numbers cannot be used on the same wall unless they are "boxed" or mixed together to insure total color uniformity.

When pre-cast panels or GFRC panels are stained at the factory and later constructed at the building jobsite, the Contractor must be certain that all panels attached on one side of a building are stained with the same batch number of **CANYON TONE STAIN**.

## **PACKAGING & MIXING**

**CANYON TONE STAIN** is a single component, ready-to-use material available in 5-gallon pails (19 liters) and 55-gallon drums (209 liters).

Material shall be thoroughly mixed for a minimum of five (5) minutes prior to application. **Do not thin the material.** Use an air-operated or other explosion-proof mixer, which has been grounded and bonded, with a blade capable of uniformly mixing the entire container. Periodically agitate the material during application to ensure even distribution of the pigment.

Shelf life in unopened containers is unlimited. Material should be stored at temperatures no lower than 20°F (-6°C), or higher than 100°F (38°C). Do not open containers until ready to use the material.

## **LIMITATIONS & PRECAUTIONS**

**CANYON TONE STAIN** should not be applied over damp surfaces or used over wood. Test areas should be applied over any sound, existing painted surface to determine compatibility. Do not apply **CANYON TONE STAIN** at temperatures below 40°F (5°C).

**CANYON TONE STAIN** is a low viscosity material designed to provide color uniformity and water-repellency without disturbing the natural texture of the substrate. It is not designed to fill or waterproof porous substrates under wind driven rain or other severe conditions. For applications requiring waterproofing, a membrane-forming coating such as UNITED's Aquathon or Uni-Tex should be utilized.

**CANYON TONE STAIN** overspray can be cleaned off of glass and most other surfaces with Xylol, followed by a soap and water wash.

Solvents are flammable in their liquid state. Use only in a well ventilated area. Keep away from heat, sparks and open flame. On interior applications extinguish all flames and pilot lights in and near the work area. During application and until vapors are gone, refrain from using electrical switches or equipment unless they are U.L. designated explosion-proof. No smoking shall be allowed in or near the immediate work area. Use explosion proof equipment which has been grounded and bonded.

Avoid breathing of vapor or spray mist. For exterior applications, approved (MSHA/NIOSH) chemical cartridge respirator should be worn by Applicator. For interior applications, provide mechanical exhaust ventilation. Air line masks or positive pressure hose masks should be worn during interior applications.

For additional information on safety requirements, refer to OSHA guidelines and **CANYON TONE STAIN** Material Safety Data Sheet.



LONGEVITY BY DESIGN  
19011 E. Cataldo • Greenacres, WA 99016  
(509) 926-7143 • (800) 541-4383  
Fax: (509) 928-1116

Our data and suggestions are based on information from laboratory and field testing which we believe to be reliable. Because methods of application vary with each situation, we cannot guarantee or accept any liability resulting from the use of our products.

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Robert Weber

From: **Jim Pierce, P.E.**  
**Assistant City Engineer**  
**Phone: 972/450-2879**  
**FAX: 972/450-2834**  
jpierce@ci.addison.tx.us

Company: Ed Bell Const.

FAX #: 214-352-3201

Date: 11-23-99

**16801 Westgrove**  
**P.O.Box 9010**  
**Addison, TX 75001-9010**

# of pages (including cover): 1

Re: Arapaho Rd.

Original in mail       Per your request       FYI       Call me

Comments: There are 2 items that I need to get  
a commitment from you to complete before  
Christmas:

1. Rebuild of the curb radius at the  
Millenium project as per my fax of 11-9-99  
(They plan a grand opening after Xmas)
2. Satisfactory resolution of the brick  
issue:

- (a) use substitute brick, or
- (b) make sidewalks safe to walk  
using asphalt infill & ramps  
until brick can be installed.

Please give me a schedule for these  
items.

*Jim Pierce*

11-22-99

Called Robert Weber:

Asked for status of:

- (1) Bricks - upcharge of  $\$1.85/\text{ft}^2$  for the brick and  $5,000 \text{ ft}^2$  right =  $\$9,250$ .

We would have to withhold retainage for one year to pay for that:

$$\$190,000 \times 0.05 = \$9,500$$

Rob doubts subs would go along with this. Alternative is to remove walking hazards so sidewalk can be used until Glen Beiry bricks can be obtained and installed.

- (2) Driveway correction: Rob wanted to do research on why the driveway (@ Millennium) was put in that way. I told him the reason was it was a mistake.
- (3) Punch list completion: Rob says his subs say they are complete, except for a few items like tree grates. I said there are quite a few items to be done, like clean out trash from tree grates. Rob wants another walk-thru.

I asked to hear back from Rob by Wed. 11/24.

TOWN OF  
**ADDISON**

*Faxed*

## PUBLIC WORKS

To: Robert Weber

From: **Jim Pierce, P.E.**

Company: Ed Bell Const

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2834

FAX #: 214-352-3201

[jpierce@ci.addison.tx.us](mailto:jpierce@ci.addison.tx.us)

Date: 11-9-99

16801 Westgrove

P.O.Box 9010

# of pages (including cover): \_\_\_\_\_

Addison, TX 75001-9010

Re: Arapaho Rd - Millenium Project Drive Approach

Original in mail

Per your request

FYI

Call me

Comments: As you may know, the Millenium Drive Project approaches were constructed with radii smaller than that called for on the plans. This has caused mis-alignment of the curb returns with the developers roadway/curb construction. For the western-most driveway, the developer was able to match up with the existing radii. For the eastern most driveway the problem was more severe, particularly the eastern most curb return of the eastern most driveway. See attached sketch. We tried to work with the developer to reach a solution that would allow the existing curb return to stay, to no avail. Therefore, this is to direct you to rebuild the radius indicated on the attached sketch to 25 feet, with whatever slight modifications are necessary to match existing construction.

cc John Baumgartner, Dave Wilde  
Carmen Moran, Chris Terry

*JPierce*



# Millenium Project

IF MILLENIUM PARK DEVELOPMENT IS NOT UNDER CONSTRUCTION AT TIME OF CONTRACT AWARD, DRIVEWAY AT 64+22.44 WILL BE DELETED FROM CONTRACT

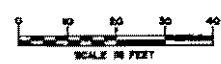
CHATTAHOOCHEE LEASING CORPORATION

*constructed with approx 10' radius*

**Q CURVE DATA**  
A= 19° 49' 05"  
R= 790.96'  
T= 138.06'  
L= 273.25'

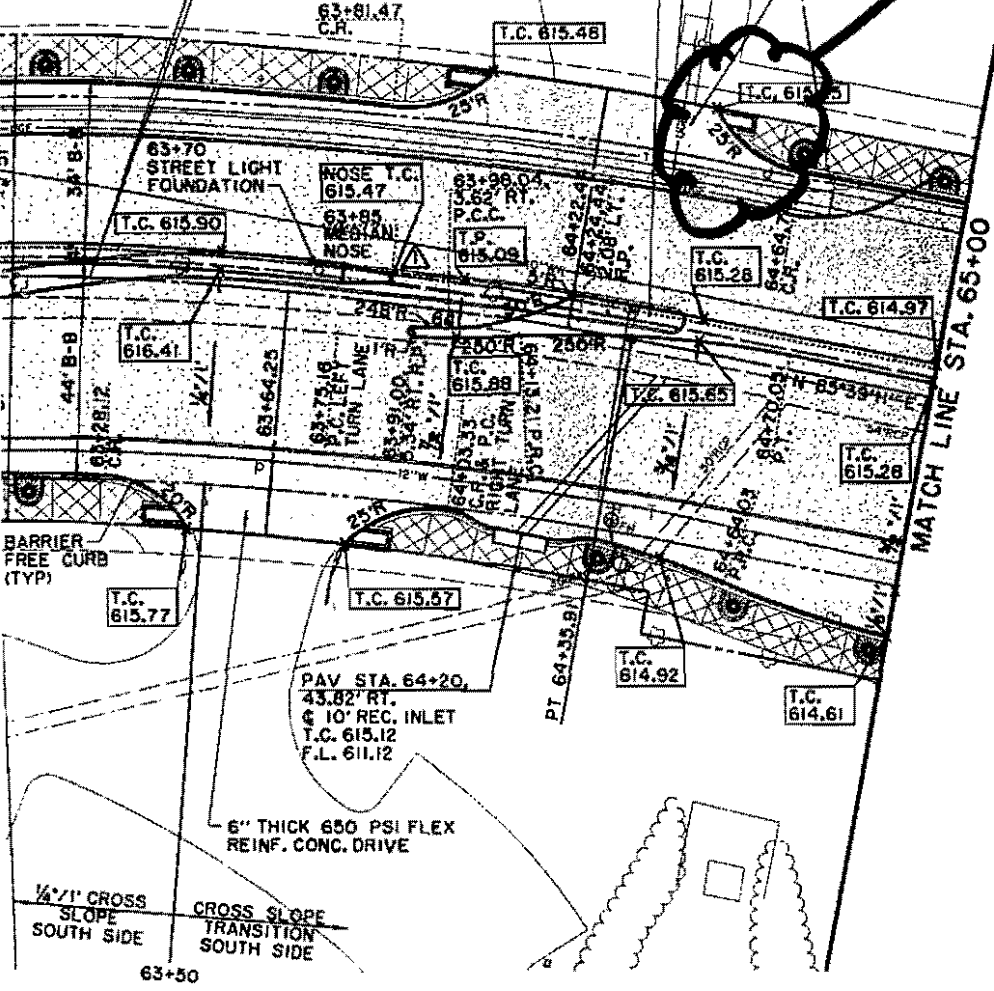
IRRIGATION IN EXISTING MEDIAN, CONTACT TOWN OF ADDISON PRIOR TO DEMOLITION.

6" THICK 650 PSI FLEX REINF. CONC. DRIVE



SEE STREETScape PLANS FOR SIDEWALK, LANDSCAPING, IRRIGATION, LIGHTING AND PAVEMENT ENHANCEMENT DETAILS.

## Sheet P-7



### LEGEND

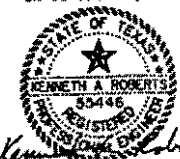
<b>ELECTRIC</b> — O —	<b>WATER</b> — W —
○ LIGHT POLE	FM ○ FIRE HYDRANT
PPX POWER POLE	WM ○ METER
← GUY WIRE	T WATER VALVE
<b>TELEPHONE</b> — T —	<b>MISC.</b>
● TELEPHONE MANHOLE	48" RCP R.C.P. REMOVAL
□ TELEPHONE PEDESTAL	— CHAIN LINK FENCE
TS TELEPHONE SIGN	— WOOD FENCE
GM ○ GAS METER	— EXISTING ASPHALT
GS ○ GAS SIGN	— EXISTING DIRT OR GRAVEL
<b>LAND USE</b>	— EX. CONCRETE
R/R RAILROAD SIGN	— TREE/TREE LINE
△ SIGN	— EXISTING CURB
<b>SURVEY</b>	— PROP. CURB
I.R. FOUND IRON ROD	— EX. PROPERTY LINE
□ TEMP BENCHMARK	— PROP. CENTERLINE
<b>WASTEWATER</b> — WW —	— PROP. R.O.W.
WW ● WASTEWATER MANHOLE	— PROP. INLET
CO ○ CLEANOUT	<b>PVMT</b> TOP OF PAVEMENT
	T.C. TOP OF CURB
	C.R. CURB RETURN

**BENCHMARKS:**

620 USC & GS E-921 DISK IN BRICK WALL OF OLD ADDISON SCHOOL HOUSE (MAGIC TIME MACHINE RESTAURANT) ON SOUTH WALL, 4' EAST OF CENTER OF THE ENTRANCE, 4.7' ABOVE THE GROUND. ELEV. 650.61

615 'I' ON SOUTHEAST CORNER OF CONCRETE WALK AT FRONT ENTRANCE TO 4805 ARAPAH0 ROAD. ELEV. 630.81

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KENNETH A. ROBERTS, P.E. 55446 ON OCTOBER 24, 1997



*Kenneth A. Roberts*  
10-24-97

REVISED 8/15/98

## PAVING PLAN & PROFILE STA. 60+00 TO STA. 65+00 ARAPAH0 ROAD

ADDISON ROAD TO DALLAS NORTH TOLLWAY



# TOWN OF ADDISON

MAIL ALL INVOICES TO:

Accounts Payable  
P.O. Box 9010  
Addison, Texas 75001

TAX EXEMPT NUMBER: 17513335558

SUBJECT TO TERMS & CONDITIONS CONTAINED ON BOTH SIDES  
THE P.O. NUMBER MUST APPEAR ON ALL INVOICES, DELIVERY TICKETS, ETC.

## PURCHASE ORDER

No. 068482

ORDER DATE 09/23/99

1 of 1 09/23/99

REQUIRED DELIVERY DATE

**DELIVERY LOCATION:**

VENDOR

CONCRETE CUTTING BY BOND  
PO BOX 154017  
IRVING, TX 75015

( UT ) ADDISON UTILITIES DEPARTMENT  
16801 WESTGRACE RD  
ADDISON, TX 75001

BID NO.	REQUISITION	REQUISITIONER	TERMS - NET 30	BLANKET ORDER EXPIRES	F.O.B. DESTINATION
		411RJ			DESTINATION

COMMENTS

USER 1:

USER 2:

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED AMOUNT
1	14	EA	4 X 4 CORE HOLES IN SIDEWALK	16.0000	224.00
2	3	EA	18 DIA X 4 CORE HOLES IN PARKING AREA	72.0000	216.00
*****					
MEMO ACCOUNTING INFORMATION ONLY				DISTRIBUTION	
GENERAL LEDGER ACCOUNT NUMBER					
01 411 54210 00000 000				440.00	
<p><i>Mailed 9-24-99</i>  <i>Scheduling: Jerry or Orlando</i>  <i>9-28-99 call working christy</i>  <i>+ see is P.O has been rec'd. - only one that knows will be in 9/30 9/30 - Had not received P.O. 9/30 Rec'd P.O.</i></p>					

69101

CLAIM #

*[Signature]*  
AUTHORIZED SIGNATURE

RECEIVED BY

CHECK REQUIRED IN ADVANCE

DELIVERY/ PARTIAL  FINAL

DELIVERY DATE

SUB TOTAL 440.00

0.00

FREIGHT 0.00

TOTAL 440.00

### Concrete Cutting By Bond

P.O. Box 154017  
Irving, Texas 75015  
Telephone (972) 986-0013  
Fax (972) 790-2820

PROPOSAL/CONTRACT: CITY OF ADDISON

TO: JIM PIERCE  
FAX: 972 450-2879  
34

BID DATE: 9-23-99

RE: CITY OF ADDISON

SCOPE OF WORK: CORE DRILLING

4" X 4" \$ 16.00 EACH

STANDARD CORE DRILLING PRICE DIAMETER X DEPTH X \$ 1.00

MINIMUM CHARGE \$ 150.00

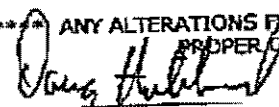
**EXCLUSIONS: SALES TAX, LAYOUT, CUTTING OF UTILITIES, & WATER DAMAGE**

TIME REQUIRED:

BASE BID:

PAYABLE AS FOLLOWS: NET 30

\*\*\* ANY ALTERATIONS FROM THE ORIGINAL SPECIFICATIONS WILL REQUIRE A PROPER CHANGE ORDER, PRICED ACCORDINGLY. \*\*\*

  
DOUG HIBBARD

ACCEPTANCE  
YOU ARE HEREBY AUTHORIZED TO PERFORM AND COMPLETE THE ABOVE SCOPE OF WORK FOR THE PRICE QUOTED ABOVE.

BY: \_\_\_\_\_

FOR: \_\_\_\_\_

DATE: \_\_\_\_\_

Arapahoe Rd - Concrete Sidewalk Coring

Need 14, 4"  $\phi$  cores, 4" deep

Work must be done between 9AM-11:30AM  
or 1:30PM-4:00 PM

Access available from curb lane  
Truck must be "cored off."

Associated Concrete Cutting 214-350-4436

Town supplies cores -

\$ 40<sup>00</sup> per core

Terra Mar 214-707-9325 Frank Shirazi

\$ 35<sup>00</sup> per core

Concrete Cutting by Bond 972-986-0013

\$ 16.00 per core

Doug -



320 S.W. 18th St.  
Edmond, Oklahoma 73013  
(405) 340-3434 • FAX: (405) 340-3435  
E-mail: pelco@pelcoinc.com • www.pelcoinc.com

QUALITY is... 11-1-99 SERVICE is...  
the result of high standards and skillful execution Dropah the first and last thing a customer will remember

Bob Sands returned my call.  
Will look @ pedestal in sidewalk area today or tomorrow. Thanks it can be moved easily.

INNOVATION is... wanting the extraordinary, then creating it. TEAMWORK is... working together and succeeding together



# TOWN OF ADDISON

MAIL ALL INVOICES TO:

Accounts Payable  
 P.O. Box 9010  
 Addison, Texas 75001

TAX EXEMPT NUMBER: 17513335558

SUBJECT TO TERMS & CONDITIONS CONTAINED ON BOTH SIDES  
 THE P.O. NUMBER MUST APPEAR ON ALL INVOICES, DELIVERY TICKETS, ETC.

## PURCHASE ORDER

No. 063992

ORDER DATE 10/18/99

1 of 1 10/18/99

REQUIRED DELIVERY DATE

**DELIVERY LOCATION:**

VENDOR  
 04899 DELL MARKETING L.P.  
 ONE DELL WAY  
 ROUND ROCK, TX 78682  
 Attn: SCOTT GARNER

(STR) ADDISON STREET DEPARTMENT  
 16801 WESTGROVE RD  
 ADDISON, TX 75001

BID NO.	REQUISITION	REQUISITIONER	TERMS - NET 30	BLANKET ORDER EXPIRES	F.O.B. DESTINATION
	005865	621JB			DESTINATION

COMMENTS

USER 1: USER 2:

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED AMOUNT
1	1	EA	LAP TOP COMPUTER REQUIRED FOR MONITORING AND OPERATION OF THE SIGNAL CONTROLLERS INSTALLED ON THE ARAPAHO ROAD PROJECT SEE ATTACHED SPEC'S OK'D BY INFORMATION SERVICES	2,517.0000	2,517.00
2			PURCHASE OK'S BY INFORMATION SERVICES		0.00
*****					
MEMO ACCOUNTING INFORMATION ONLY					
GENERAL LEDGER ACCOUNT NUMBER					
41 000 58270 42302 000					
				2,517.00	

17312

*Clyde Johnson*  
 PURCHASING MANAGER'S SIGNATURE

SUB TOTAL	2,517.00
	0.00
FREIGHT	0.00
TOTAL	2,517.00

*5865*



# Texas State Store

Buy Online or call  
1-800-981-3355

[Discount Catalog](#)

[Retrieve E-quote](#)

[Current Orderform](#)

[Help](#)



## DELL LATITUDE CPi

The new Dell Latitude CPi provides the power of Intel's Pentium® II processors in a notebook form factor.

### To configure your system:

1. Select from the options listed to configure YOUR Dell system.
2. Click "Update Price" button at the bottom of the page to make the pricing reflect any changes you have made.
3. Click "Add to Orderform" button at the bottom of the page to add your system to your Order Form.

Custom Views:  drop-down list view  view all system options  print view (read only - detail view)

Price\*: \$2,517

<b>Date:</b>	Thursday, September 30, 1999 8:35:48 AM CDT
<b>Catalog Number:</b>	84 rc956850
<b>Dell Latitude CPiA Notebook:</b>	Pentium® II 366MHz Processor w/AGP, 12.1" TFT XGA Display CPIA3 - [220-6338]
<b>Memory (SDRAM):</b>	128MB (1 DIMM) 128M - [311-0725]
<b>Hard Drive:</b>	4.8GB Hard Drive 48CP - [340-1817]
<b>Operating System:</b>	Microsoft Windows 95 (CD-ROM) WIN - [420-2031]
<b>Modem:</b>	56K Gold Card Global Modem 56P4 - [313-0512]
<b>DVD-ROM or CD-ROM Drive:</b>	24X max/10X min CD-ROM Drive CD24 - [313-0249]
<b>Standard and Business Critical Services:</b>	3 Yr Next Business Day On-Site and Complete Care Service W3CC - [900-1360][900-1362]
<b>File Systems:</b>	FAT32 File System for Windows 95/98 FAT32 - [420-0137]
<b>Please Select Windows 2000 Upgrade Flyer Option:</b>	Select this if you chose Windows 9x. Upgrade requires NT installed as the Operating System. NO98 - [460-9888]
<b>Web Tracking Code:</b>	Web Tracking Code for Internal Use WWW - [460-9052]

Price\*: \$2,517

[Update Price](#)

[Add to Orderform](#)

[Discount Catalog](#)

[Retrieve E-quote](#)

[Current Orderform](#)

[Help](#)

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\* Prices and lease payments are subject to change without notice and DO NOT INCLUDE SHIPPING CHARGES OR APPLICABLE TAXES. Promotional offers and prices are for a limited time. Prices have been rounded to the nearest dollar for online display. Final order amounts, including tax and shipping and reflecting non-rounded prices, will be communicated following receipt of your online order.

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Thursday, September 30, 1999 8:35:48 AM CDT

10-18-99

Robert Weber

1. Buck
2. Completing Punch  
Test  
& bill nearly done
3. Clarifying pay  
estimate

Discussed above w R. Weber.

1. Will work on sub to resolve
2. R.W. will supervise sub's  
work
3. Will work on this





# Texas State Store

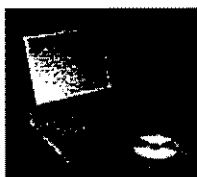
Buy Online or call  
1-800-981-3355

[Discount Catalog](#)

[Retrieve Equate](#)

[Current Orderform](#)

[Help](#)



## DELL LATITUDE CPI

The new Dell Latitude CPI provides the power of Intel's Pentium® II processors in a notebook form factor.

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2. Click "Update Price" button at the bottom of the page to make the pricing reflect any changes you have made.
3. Click "Add to Orderform" button at the bottom of the page to add your system to your Order Form.

Custom Views:  drop-down list view  view all system options  print view (read only - detail view)

Price\*: \$2,461

Date:	Monday, October 18, 1999 3:07:00 PM CDT
Catalog Number:	84 RC956850
Dell Latitude CPIA Notebook:	Pentium® II 366MHz Processor w/AGP, 12.1" TFT XGA Display CPIA3 - [220-6338]
Memory (SDRAM):	128MB (1 DIMM) 128M - [311-0725]
Hard Drive:	4.8GB Hard Drive 48CP - [340-1817]
Operating System:	Microsoft Windows 98, 2nd Edition (CD-ROM) W98SE - [420-4303]
Modem:	3Com® 56K WinModem PC Card with XJACK Connector WINMDM - [313-0620]
DVD-ROM or CD-ROM Drive:	24X max/10X min CD-ROM Drive CD24 - [313-0249]
Standard and Business Critical Services:	3 Yr Next Business Day On-Site and Complete Care Service W3CC - [900-1360][900-1362]
File Systems:	FAT32 File System for Windows 95/98 FAT32 - [420-0137]
Please Select Windows 2000 Upgrade Flyer Option:	Select this if you chose Windows 9x. Upgrade requires NT installed as the Operating System. NO98 - [460-9888]
Web Tracking Code:	Web Tracking Code for Internal Use WWW - [460-9052]

Price\*: \$2,461

*H 1.6  
w 12.1  
D 10.00*

[Update Price](#)

[Add to Orderform](#)

[Discount Catalog](#)

[Retrieve Equate](#)

[Current Orderform](#)

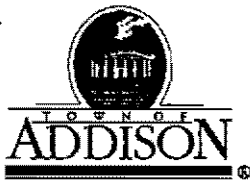
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Monday, October 18, 1999 3:07:00 PM CDT



# TOWN OF ADDISON

MAIL ALL INVOICES TO:  
 Accounts Payable  
 P.O. Box 9010  
 Addison, Texas 75001

TAX EXEMPT NUMBER: 17513335558

SUBJECT TO TERMS & CONDITIONS CONTAINED ON BOTH SIDES  
 THE P.O. NUMBER MUST APPEAR ON ALL INVOICES, DELIVERY TICKETS, ETC.

## PURCHASE ORDER

No.	063992
ORDER DATE	10/18/99
1 of 1	10/18/99
REQUIRED DELIVERY DATE	

VENDOR  
 04899 DELL MARKETING L.P  
 ONE DELL WAY  
 ROUND ROCK, TX 78682  
 Attn: SCOTT GARNER

DELIVERY LOCATION:  
 (STR) ADDISON STREET DEPARTMENT  
 16801 WESTGROVE RD  
 ADDISON, TX 75001

BID NO.	REQUISITION	REQUISITIONER	TERMS - NET 30	BLANKET ORDER EXPIRES	F.O.B. DESTINATION
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*****					
MEMO ACCOUNTING INFORMATION ONLY					
GENERAL LEDGER ACCOUNT NUMBER					
41 000 58270 42302 000					
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17312

*Clyde Johnson*  
 PURCHASING MANAGER'S SIGNATURE

SUB TOTAL	2,517.00
	0.00
FREIGHT	0.00
TOTAL	2,517.00



**FAX**

*Addison!*

**INFORMATION SERVICES**

**Town of Addison**

16801 WESTGROVE  
ADDISON, TX 75248  
FAX NO.: 972-450-2834

TO: Dougald MacNaughton

FAX NO.: 800 433 9527

FROM: Robert Tagno

PHONE NO.: 972 450 2854

DATE: 10/18/99 COVER PLUS: 3 PAGES

MESSAGE: Customer ID # 2426782

## Jim Pierce

---

**From:** Jim Pierce  
**Sent:** Friday, October 08, 1999 3:48 PM  
**To:** Ron Lee; Mitchell; John Godley Jr  
**Subject:** RE: Arapaho Project

I would say keep the 1701 number assigned to the controller. This means that 972-774-1836 and 972-774-1963 would be assigned to the traffic signals. Jim.

-----Original Message-----

**From:** Ron Lee  
**Sent:** Friday, October 08, 1999 9:38 AM  
**To:** Jim Pierce  
**Cc:** Robin Jones; Jim Clark  
**Subject:** Arapaho Project

Jim Clark met with Irritech this morning to get the phone to the controller operational. He found out that the number assigned to the controller is (972) 774-1701, not the (972) 774-1963 number that you gave me. See me about whether the number can remain or do we have to play musical wire pairs until we get it right? If so, we will need to switch at least one of the traffic signal wires as well since one of them probably has the 1963 line going to it.

*Ron Lee*

# STANDARD ARCHITECTURAL COLORS

ALPINE WHITE

PUEBLO BEIGE

CONCRETE GRAY

WARM TONE

MISSION WHITE

DESERT SAND

COCOA

CANYON TAN

CLIFF GRAY

AUTUMN TAN

NAVAJO BROWN

BRICK RED

*Selected 10/14/99 by Scottie & notified Ben Bishop*

**CANYON TONE STAIN**—An acrylic, water-repellent penetrating stain designed to provide color uniformity to concrete and masonry surfaces without disturbing the natural surface texture. This color stable finish locks into the surface pores of the substrate to eliminate future maintenance problems of peeling, flaking and checking.

**UNI-TEX**—A permanently flexible, high-build acrylic texture coating that imparts long-term waterproofing and impact resistance through an attractive, stone-like finish. This tough, wearable finish can be applied to a wide variety of exterior surfaces including concrete, masonry, and metal. It is available in a variety of colors and textures.

**AQUATHON**—A permanently flexible, "breathing" membrane designed to waterproof a wide variety of exterior wall surfaces. The surface of this 100% acrylic cross-links under UV light to repel dirt, mildew and pollution, while the permanent elasticity of the membrane allows for movement and future hairline cracking.

**ACRYCLAD**—A durable, 100% acrylic emulsion coating possessing excellent ultraviolet resistance and color stability for long-term weather resistance. Available in a variety of colors and textures, it is suitable for use on a wide variety of exterior surfaces including concrete, masonry, and metal. It is available in a variety of colors and textures.

**DISCLAIMER:** The above color samples are approximations only. Jobsite applied colors will vary from this color card due to printing variances as well as the texture and porosity of the substrate. UNITED recommends applying a color sample to an inconspicuous area on the actual substrate to verify color choice.

---

For over three decades, UNITED COATINGS has successfully demonstrated creative technology in the field of architectural wall coatings. High performance products designed to provide waterproofing, dampproofing, color uniformity and graffiti resistance to virtually any exterior wall surface. Thousands of structures speak for the longevity of the products in UNITED'S Architectural Coatings Division. These structures are more than just aesthetically pleasing statements of UNITED'S ability. They represent the overwhelming choice of leading Architects and conscientious Owners throughout the world.

UNITED utilizes only the finest raw materials available, in combination with state-of-the-art production techniques, to ensure the long term performance of our wall coatings systems. As a leader in environmental consciousness, each of these systems is available in a water-based formulation that conforms to all local, state and federal VOC regulations. Our guarantees assure the Owner of a premium wall finish that will not peel, flake or fade. Color selection is virtually unlimited. In addition to our twelve standard colors, UNITED has the capability of custom matching to meet project requirements.

UNITED COATINGS' Construction Products Division contains many other coatings for weatherproofing roofs, protecting interior and exterior walls and providing abrasion, chemical and corrosion resistance. For additional information, please contact us at:



LONGEVITY BY DESIGN  
19011 E. Cataldo • Greenacres, WA 99016  
(509) 926-7143 • Fax: (509) 928-1116  
(800) 541-4383 • [www.unitedcoatings.com](http://www.unitedcoatings.com)

# WALL COATING SYSTEMS

## STANDARD COLORS

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Robert Weber

From: **Jim Pierce, P.E.**

Company: Ed Bell Const

**Assistant City Engineer**

**Phone: 972/450-2879**

FAX #: 214-352-3201

**FAX: 972/450-2834**

**jpierce@ci.addison.tx.us**

Date: 10-11-99

**16801 Westgrove**

**P.O.Box 9010**

# of pages (including cover): 1

**Addison, TX 75001-9010**

Re: Arapaho Road - Brick

Original in mail

Per your request

FYI

Call me

Comments: This is to remind the verbal approval  
I gave for the brick sample that was  
submitted for the Quorum Drive sidewalks.  
The color is fine, but today I decided  
to check the dimensions of the brick.  
The bricks submitted are 7<sup>5</sup>/<sub>8</sub>" x 3<sup>3</sup>/<sub>8</sub>" x 2<sup>1</sup>/<sub>4</sub>"  
The Glen Beiry Bricks are 7<sup>7</sup>/<sub>8</sub>" x 4" x 2<sup>1</sup>/<sub>4</sub>"

The substitute bricks must be the same  
size as the Glen Beiry bricks.

Please re-submit

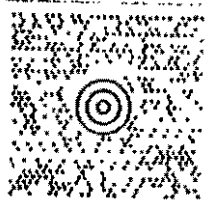
*JPierce*

THE PAPER WORK CO  
(918)369-1014  
11915 S MEMORIAL  
BIXBY OK 74008-2030

30 LBS

1 OF 2

SHIP WENDY SCHOPPE  
TO: 1909 GOLIAD DRIVE  
GARLAND TX 75042

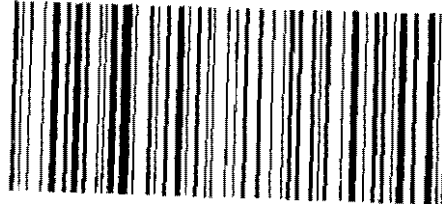


TX 7500-04



**UPS GROUND**

TRACKING # 1Z 132 276 03 4131 7026



PKG REF 1: BRICK SAMPLE

PRO 0 0 1616 E2541



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## Jim Pierce

---

**From:** Jim Pierce  
**Sent:** Friday, October 08, 1999 4:07 PM  
**To:** John Baumgartner; Robin Jones; Dave Wilde  
**Subject:** Arapaho Road - Pat Rivera

I just received word that Pat has been fired.

Jim Pierce, P.E.  
Assistant City Engineer  
PO Box 9010  
Addison, TX 75001-9010  
972-450-2879

## Jim Pierce

---

**From:** Jim Pierce  
**Sent:** Friday, October 08, 1999 3:48 PM  
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*Ron Lee*



**Public Works / Engineering**  
 16801 Westgrove • P.O. Box 144  
 Addison, Texas 75001  
 Telephone: (214) 450-2871 • Fax: (214) 931-6643

*Resent to  
 Pat Rivera &  
 Bobby Inman  
 6-15-99*

# LETTER OF TRANSMITTAL

DATE	11-4-98	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Robert Weber  
Ed Bell Construction

**GENTLEMAN:**

**WE ARE SENDING YOU**

- Attached
- Under separate cover via \_\_\_\_\_ the following items:
- Shop Drawings
- Prints
- Plans
- Samples
- Specifications
- Copy of letter
- Change order
- \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
5			Drawing showing new streetlight location & new video camera location.

**THESE ARE TRANSMITTED as checked below:**

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_
- Approved as submitted
- Approved as noted
- Returned for corrections
- \_\_\_\_\_
- Resubmit \_\_\_\_\_ copies for approval
- Submit \_\_\_\_\_ copies for distribution
- Return \_\_\_\_\_ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

**REMARKS** One of the purposes of the new streetlight location is to provide a better mounting location for the video camera. We should have existing pay items for this work except for conduit up the streetlight for mounting the camera. Please incorporate this change into the work and advise of any additional charges.

**COPY TO** Dave Wilde  
Bobby Inman

**SIGNED:** Jim Linn

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

VIDEO CAMERA	EA.	1
3M OPTICOM DETECTOR	EA.	4
PEDESTRIAN PUSH BUTTON	EA.	8
CABLE WIRE		
5 CONDUCTOR RR	L.F.	321
7 CONDUCTOR #12	L.F.	307
5 CONDUCTOR #12	L.F.	420
16 CONDUCTOR #12	L.F.	560
COAX CABLE	L.F.	560
1 CONDUCTOR #6 GROUND	L.F.	591
2 CONDUCTOR #6 POWER	L.F.	64
3 CONDUCTOR VIDEO	L.F.	680
4 CONDUCTOR OPTICOM	L.F.	630
SIGNS		
MR10-12	EA.	4
R3-4	EA.	4
FOUNDATIONS		
CONTROLLER	EA.	1
TYPE 30-A	EA.	2
TYPE 30-B	EA.	2
POLES:		
SIGNAL PEDESTAL	EA.	-
MAST ARM POLE	EA.	2
W/ 36' ARM	EA.	2
W/ 40' ARM	EA.	2
SIGNAL HEADS:		
4 SECTION 12" LENS	EA.	8
3 SECTION 12" LENS	EA.	8
2 SECTION PEDESTRIAN	EA.	8
MISCELLANEOUS:		
CONNECT TO RAILROAD GATE	L.S.	1
CONTROLLER	L.S.	1
INSTALL TUE PEDESTAL & METER	L.S.	1

RUN NO.	SIZE/TYPER CONDUIT	2" COND WIRE	#6 WIRE	COAX	4 CN CABL	16 CA	3 CND	5CA	LENGTH
A	2" PVC								
B	3" PVC		15	15	15	15	15		9
C	3" PVC		104	104	104	104	104		98
D	2-3" PVC	12	36	48	48	48	48	12	6
E	3" PVC	20	20	20	20	20	20	20	14
F	3" PVC		20	10	10	10			4
G	2" PVC							176	170
H	2" PVC	16	16						10
I	2" PVC		80					80	74
J	2" PVC		32					32	26
K	4" PVC		107	214	214	214	214		101
L	3" PVC	24	12	12	12	12			7
M	3" PVC	126	126	126	126	126			120
N	3" PVC		11	11	11	11			5

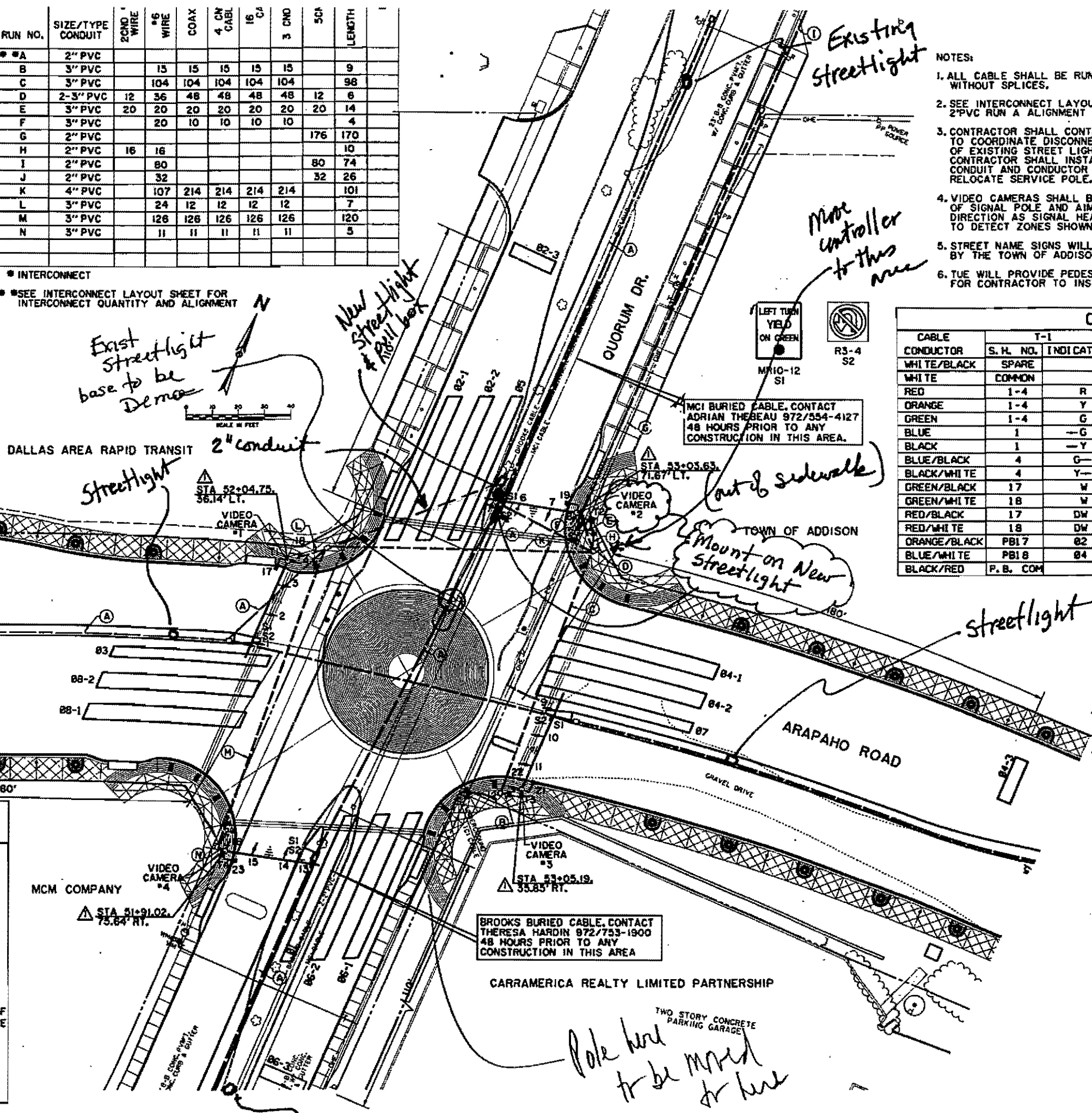
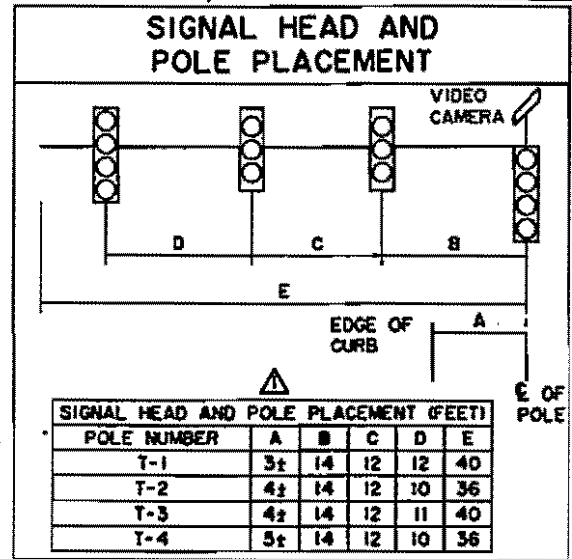
INTERCONNECT  
SEE INTERCONNECT LAYOUT SHEET FOR INTERCONNECT QUANTITY AND ALIGNMENT

4	V4RT	04		1
5	V4LT	01		1
6	V3	06	1	
7	V3	06	1	
8	V4RT	06		1
9	V4LT	03		1
10	V3	08	1	
11	V3	08	1	
12	V4RT	08		1
13	V4LT	05		1
14	V3	02	1	
15	V3	02	1	
16	V4RT	02		1
17,24	PED	02P		
18,19	PED	04P		
20,21	PED	06P		
22,23	PED	08P		
TOTALS			8	8

- NOTES:
- ALL CABLE SHALL BE RUN CONTINUOUSLY WITHOUT SPLICES.
  - SEE INTERCONNECT LAYOUT SHEET FOR 2" PVC RUN ALIGNMENT AND SUMMARY.
  - CONTRACTOR SHALL CONTACT TU ELECTRIC TO COORDINATE DISCONNECT AND RECONNECT OF EXISTING STREET LIGHT CIRCUIT. CONTRACTOR SHALL INSTALL NEW FOUNDATION, CONDUIT AND CONDUCTOR IF NECESSARY TO RELOCATE SERVICE POLE.
  - VIDEO CAMERAS SHALL BE MOUNTED ON TOP OF SIGNAL POLE AND AIMED IN THE SAME DIRECTION AS SIGNAL HEADS AND ALIGNED TO DETECT ZONES SHOWN ON THIS SHEET.
  - STREET NAME SIGNS WILL BE INSTALLED BY THE TOWN OF ADDISON.
  - TUE WILL PROVIDE PEDESTAL & METER FOR CONTRACTOR TO INSTALL.

CABLE CONDUCTOR	T-1		T-2		T-3		S.H.
	S.H. NO.	INDICATION	S.H. NO.	INDICATION	S.H. NO.	INDICATION	
WHITE/BLACK	SPARE		SPARE		SPARE		SPA
WHITE	COMMON		COMMON		COMMON		COMM
RED	1-4	R	5-8	R	9-12	R	13-
ORANGE	1-4	Y	5-8	Y	9-12	Y	13-
GREEN	1-4	G	5-8	G	9-12	G	13-
BLUE	1	-G	5	-G	9	-G	3
BLACK	1	-Y	5	-Y	9	-Y	3
BLUE/BLACK	4	G-	8	G-	12	G-	16
BLACK/WHITE	4	Y-	8	Y-	12	Y-	16
GREEN/BLACK	17	W	19	W	21	W	23
GREEN/WHITE	18	W	20	W	22	W	24
RED/BLACK	17	DW	19	DW	21	DW	23
RED/WHITE	18	DW	20	DW	22	DW	24
ORANGE/BLACK	PB17	02	PB19	04	PB21	06	PB2
BLUE/WHITE	PB18	04	PB20	06	PB22	08	PB2
BLACK/RED	P.B. COM		P.B. COM		P.B. COM		P.B.

- LEGEND
- PROPOSED PEDESTRIAN SIGNAL
  - CONDUIT RUN NUMBER
  - SIGNAL HEAD NUMBER
  - PROPOSED SIGNAL HEAD
  - PROPOSED SIGNAL CONDUIT
  - EXISTING SIGNAL CONDUIT
  - FUTURE SIGNAL CONDUIT
  - PROPOSED PULL BOX
  - EXISTING PULL BOX
  - PROPOSED SIGNAL POLE
  - LEFT TURN ON ARROW SIGN
  - OPTICOM
  - DETECTION ZONE FOR VIDEO
  - TUE SWITCHGEAR
  - TUE PEDESTAL SOURCE & METER



SIGNALIZATION				
ARAPAHO ROAD & QUORUM DR				
ADDISON ROAD TO DALLAS ST				
TOWN OF ADDISON				
Hull-Zellers, Inc./Consultants				
Dallas, Fort Worth, Houston, Phoenix				
DESIGN	DRAWN	APPR.	SCALE	DATE
H21	H21	DLM	1"=20'	OCT 9

Jonathan Cell Phone  
214-435-0125

BRICK PAVERS:

① <sup>who is</sup> Supplier/distributor

② Must meet spec  
ASTM C902-93 class SX

③ Need assurance that  
there are enough bricks  
from this source for  
• Addison Center  
• Art Piece

HUITT-ZOLLARS, INC.  
 3131 McKinney Avenue, Suite 600  
 DALLAS, TEXAS 75204

LETTER OF TRANSMITTAL

(214) 871-3311

TO Town of Addison  
P.O. Box 9010  
16201 Westgrove Dr  
Addison, Tx. 75002

DATE <u>9/17/99</u>	JOB NO. <u>01-2013-10</u>
ATTENTION <u>Mr. Mike Murphy</u>	
RE: <u>Addison Code</u>	

WE ARE SENDING YOU  Attached  Under separate cover via Mail the following items:

- Shop drawings     Prints     Plans     Samples     Specifications  
 Copy of letter     Change order     \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
<u>1</u>			<u>Approved letter and specs for Pine Hill heavy vehicular pavers</u>

THESE ARE TRANSMITTED as checked below:

- For approval     Approved as submitted     Resubmit \_\_\_\_\_ copies for approval  
 For your use     Approved as noted     Submit \_\_\_\_\_ copies for distribution  
 As requested     Returned for corrections     Return \_\_\_\_\_ corrected prints  
 For review and comment     \_\_\_\_\_  
 FOR BIDS DUE \_\_\_\_\_ 19 \_\_\_\_\_  PRINTS RETURNED AFTER LOAN TO US

REMARKS

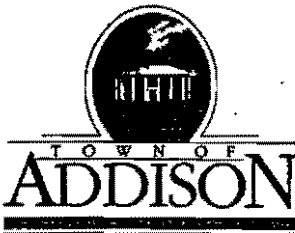
Mike,

We researched our files for several hours and found this letter regarding Vehicular pavers. Pine Hill also makes a pedestrian paver that matches the vehicular, however I could not find any data for them in the files.

Please call if you have any questions.

COPY TO \_\_\_\_\_

SIGNED: David Meyers



**PUBLIC WORKS DEPARTMENT**

Post Office Box 144 Addison, Texas 75001

(972) 450-2871

16801 Westgrove

June 12, 1997

Mr. David Meyers, P.E.  
Huitt-Zollars, Inc.  
3131 McKinney Avenue, Suite 600  
Dallas, Texas 75204

Dear David:

The Town of Addison has reviewed the brick submittal from Pine Hall Brick Company.

We have no objection to the use of the 2-3/4 inch English Edge Heavy-Duty Lugged Pavers on Witt Place and Paschal Place as proposed by Addison Circle One Ltd.

Please call me if you have any questions or need additional information.

Sincerely,

John R. Baumgartner, P.E.  
Director of Public Works

Attachment: May 12, 1997 test results from PSI

RECEIVED  
JUN 13 1997  
CITY OF ADDISON

ABRASION INDEX

Specimen Number	Abrasion Index
97-4258-A/I	0.030
97-4258-B/G	0.033
97-4258-C/H	0.037
97-4258-D/I	0.030
97-4258-J/J	0.038
Average:	0.034
Remarks:	The units tested comply with ASTM C1272, Table 2, Abrasion Index Requirements for types R and F.

EFFLORESCENCE TESTS

Specimen Number	Test Rating
97-4258-K-Pair	Not Effloresced
97-4258-L-Pair	Not Effloresced
97-4258-M-Pair	Not Effloresced
97-4258-N-Pair	Not Effloresced
97-4258-O-Pair	Not Effloresced

MEASUREMENT OF WARPAGE

Top Surface Warpage:	All units less than 0.03 inches
Bottom Surface Warpage:	All units less than 0.03 inches



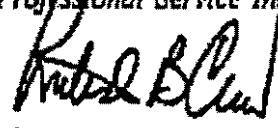
Pine Hall Brick Company, Inc.  
 PSI Report Number 455-70009-11

May 12, 1997  
 Page 3 of 3

**DIMENSIONS**

Specimen Number	Average of 4 Measurements, Width	Average of 4 Measurements, Length	Average of 4 Measurements, Height
97-4258-P	3.94	7.93	2.75
97-4258-Q	3.92	7.91	2.75
97-4258-R	3.94	7.93	2.74
97-4258-S	3.92	7.95	2.75
97-4258-T	3.92	7.92	2.75
97-4258-U	3.94	7.93	2.75
97-4258-V	3.91	7.93	2.74
97-4258-W	3.90	7.91	2.75
97-4258-X	3.94	7.93	2.74
97-4258-Y	3.94	7.93	2.75
Average:	3.93	7.93	2.75
<p>Remarks: Measurements for length and width include thickness and one (1) spacer rib, measured top and bottom.</p> <p>The units tested comply with ASTM C1272, Table 3, Dimensional Tolerances for Length, Width and Height for Applications PS, PX and PA.</p>			

Respectfully submitted,  
 Professional Service Industries, Inc.



Richard B. Crew  
 Department Manager  
 Construction Services

RBC/jv

Copies: 1 - Pine Hall Brick Company, Inc./Harold Newman



John Baumgardner  
450-2837

TESTED FOR: Pine Hall Brick Company, Inc.  
P.O. Box 836  
Madison, NC 27025

PROJECT: Laboratory Tests of Brick Pavers  
2-3/4 Inch English Edge Heavy-Duty Pavers  
Nominal 8" x 4" x 2-3/4"

DATE: May 12, 1997

OUR REPORT NO.: 455-70009-11

REMARKS: Page 1 of 3

On 04-15-97, nominal 8 x 4 x 2-3/4 inch English Edge Heavy-Duty Pavers were submitted to our laboratory by Pine Hall Brick Company, Inc. Various physical tests were performed, and test results are as follows:

**COMPRESSIVE STRENGTH (Sawed Brick Tested Flat-Wise)**

Specimen Number	Length, Inches	Width, Inches	Gross Area, Sq. Inches	Total Load, Lbs. Force	Gross Area Unit Load, psi
97-4258-A	3.95	3.85	15.21	222750	14640
97-4258-B	3.84	3.83	14.71	197000	13390
97-4258-C	3.94	3.86	15.21	208250	13690
97-4258-D	3.86	3.86	14.90	214000	14360
97-4258-E	4.04	3.86	15.59	212000	13600
Average:					13936
Remarks: The units tested comply with ASTM C1272, Table 1, Physical Requirements for types R and F.					

**WATER ABSORPTION (24-Hour Submersion and 5-Hour Boil)**

Specimen Number	Absorption, % 24-Hour Submersion	Absorption, % 5-Hour Boiling	Saturation Coefficient
97-4258-F	4.43	7.59	0.58
97-4258-G	4.38	7.50	0.58
97-4258-H	5.06	8.23	0.61
97-4258-I	4.35	7.45	0.58
97-4258-J	5.13	8.33	0.62
Average:	4.67	7.82	0.59
Remarks: The units tested comply with ASTM C1272, Table 1, Physical Requirements for types R and F.			

*Information To Build On*

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Robert Weber

From: **Jim Pierce, P.E.**

Company: Ed Bell Const.

**Assistant City Engineer**

**Phone: 972/450-2879**

FAX #: 214-352-3201

**FAX: 972/450-2834**

**jpierce@ci.addison.tx.us**

Date: 9-22-99

**16801 Westgrove**

**P.O.Box 9010**

# of pages (including cover): 1

**Addison, TX 75001-9010**

Re: Arapaho Rd - Bollard Lenses

Original in mail

Per your request

FYI

Call me

Comments: On September 15, 1999, the bollard lenses  
were inspected, and approved. The  
Town will accept the lenses for maintenance  
provided no damage is done to the  
lenses due to actions of you or your  
subcontractors on the remaining work  
of the project.

*JPierce*

cc: Slade Strickland

Pat Rivera

Dave Wilde

**ED BELL CONSTRUCTION COMPANY**

POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-0787

10605 HARRY HINES  
DALLAS, TEXAS 75220

September 15, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Mr. Pierce:

Our utility subcontractor has made claims for several delays caused by Southwestern Bell (SWB) and others that were experienced during installation of the storm sewer system south of Arapaho Road along Spectrum Drive and during installation of several inlets between Spectrum Drive and the Dallas North Tollway. The claim is based upon several incidents in which our utility subcontractor feels he was delayed or required to do additional work:

Item 1: Standby time while several Southwestern Bell facilities were adjusted to miss the storm sewer lines. Our cost for these delays is \$2,200.00.

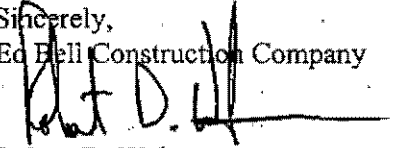
Item 2: An existing SWB duct bank was installed too close to the proposed storm sewer system. During installation of the storm sewer the bell was broken off of the SWB duct bank. Our utility subcontractor was required to repair the duct bank and clean the mud out of the duct bank. This situation would not have occurred if the duct bank was installed with enough clearance to properly install the storm sewer. Our cost for repairing and cleaning the duct bank is \$1,075.00.

Item 3: Downtime while waiting for various lines to be lifted out of the way so that storm sewer could be laid. Our cost for this delay was \$850.00.

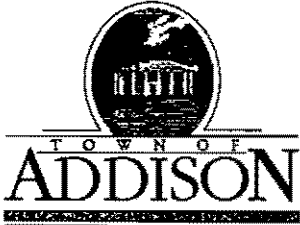
Our utility subcontractor has made two additional claims; however, we intend to gather additional facts regarding those incidents prior to forwarding the claims to your office.

If you have any questions regarding these issues, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company

  
Robert D. Weber  
Project Engineer

cc D. Wilde



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

September 22, 1999

Mr. Robert D. Weber, Project Engineer  
Ed Bell Construction  
P.O. Box 540787  
Dallas, TX 75354-0787

Re: Arapaho Road Subcontractor Claims

Dear Mr. Weber:

This is to acknowledge receipt of your letter of September 15, 1999 regarding subcontractor claims. The claims are denied based on the following:

Item 1. Paragraph 14, Existing Structures, of the Special Provisions of the Specifications (attached), speaks to this situation.

Item 2. Paragraph 15, Existing Utilities and Service Lines, of the Special Provisions of the Specifications (attached), speaks to this situation.

Item 3. Same as Item 1.

Very truly yours,

Town of Addison

James C. Pierce, Jr., P.E.  
Assistant City Engineer

cc: Chris Terry, Assistant City Manager  
John Baumgartner, P.E., Director of Public Works

Enclosures

replacement. If such Work is not in accordance with the Contract Documents, the Contractor shall pay such cost.

10. SCOPE OF WORK

The Work for this Project consists of furnishing all materials, labor, equipment, tools and incidentals necessary to construct, in accordance with the Plans and Specifications, the proposed paving, stormwater, water, wastewater, signalization, streetscaping, and miscellaneous improvements for Arapaho Road from Addison Road to Dallas North Tollway.

11. PROPERTY LINES AND MONUMENTS

All property corners, control monumentations, construction and survey stakes and marks shall be carefully preserved by the Contractor, and in case of careless destruction or removal by Contractor or his employees, such stakes or marks shall be replaced at the Contractor's expense as required by the Owner.

12. DISCREPANCIES

If the Contractor, in the course of the Work, finds any discrepancy between the Contract Documents and the physical conditions of the locality, or any errors or omissions in drawings or in the layout as given by survey points and instructions, or if it appears that any Plan, Specification or other Contract Document is or may be not in compliance with any building code or other requirement of any governmental body, he shall immediately inform the Owner in writing, and the Owner shall promptly verify the same. Any Work done after such discovery, until authorized, will be done at the Contractor's risk.

13. TIME ALLOTTED FOR COMPLETION

All items of Work included under these contracts shall be completed within the time stipulated in the Proposal. The time shall commence on the date specified in the Notice to Proceed. The Notice to Proceed shall consist of a written request by the Owner for the Contractor to proceed with construction of the Project.

14. EXISTING STRUCTURES

The Plans show the location of all known surface and subsurface structures. However, the Owner assumes no responsibility for failure to show any or all of these structures on the Plans, or to show them in their exact location. It is mutually agreed that such failure shall not be considered sufficient basis for claims for additional compensation

or extra work or for increasing the pay quantities in any manner whatsoever, unless the obstruction encountered is such as to necessitate changes in the lines or grades, or require the building of special work, provisions for which are not made in the Plans and Proposal, in which case the provisions in the N.C.T.C.O.G. Specifications for Extra Work shall apply.

15. EXISTING UTILITIES AND SERVICE LINES

The Contractor shall contact all the utility companies which have facilities in the vicinity of the proposed improvements to confirm the horizontal and vertical locations of their respective facilities prior to commencing work. Where a conflict with the proposed improvements is encountered, the Contractor shall notify the Engineer immediately prior to proceeding with the work.

The Contractor shall be responsible for the protection of all existing utilities or service lines crossed or exposed by his construction operation. Where existing utilities or service lines are cut, broken or damaged, the Contractor shall replace the utilities or service lines with the same type of original construction, or better, at his own cost and expense. All replacement, backfill and compaction shall be accomplished in strict accordance with the requirements of the owner of the utility or service line.

16. PUBLIC UTILITIES AND OTHER PROPERTY TO BE CHANGED

In case it is necessary to change or move the property of any owner or of a public utility, such property shall not be moved or interfered with until authorized by the utility company and approved by the Owner. The right is reserved to the owner of public utilities to enter upon the limits of the Project for the purpose of making such changes or repairs of this contract.

17. LIGHTS AND POWER

The Contractor shall provide, at his own expense, temporary lighting and power facilities required for the proper execution of the Work.

18. PERMITS AND RIGHTS-OF-WAY

The Owner will provide rights-of-way for the purpose of construction without cost to the Contractor by securing permits in areas of public dedication or by obtaining easements across privately-owned property. It shall be the responsibility of the Contractor, prior to the initiation of construction on easements through private property, to inform the property owner of his intent to begin construction. Before beginning construction in areas of public dedication, the Contractor shall inform the

TOWN OF  
**ADDISON**

*Hand Delivered*

**PUBLIC WORKS**

To: Pat Rivera

From: **Jim Pierce, P.E.**  
**Assistant City Engineer**  
**Phone: 972/450-2879**  
**FAX: 972/450-2834**  
jpierce@ci.addison.tx.us

Company: Ed Bell Const

FAX #: \_\_\_\_\_

Date: 9-16-99

16801 Westgrove  
P.O.Box 9010  
Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd / Quorum Rd / Octoberfest

- Original in mail
- Per your request
- FYI
- Call me

Comments: This is to direct that you  
tape off / barricade the sidewalk  
trip hazards for the Octoberfest  
events at the intersection with  
Quorum (all 4 corners) and along  
Quorum Drive

*Jim Pierce*



TELEX 820590  
FAX (214) 352-3201

TELEPHONE (214) 358-6581

**ED BELL CONSTRUCTION COMPANY**  
POST OFFICE BOX 840787  
DALLAS, TEXAS 75284-0787  
10605 HARRY HINES  
DALLAS, TEXAS 75220

September 15, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

*To Robert Weber  
214-352-3201*

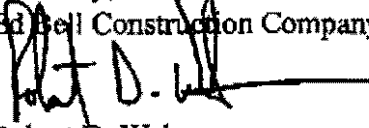
*Faxed*

Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Mr. Pierce:

It is our understanding that the Town of Addison has requested a price for spare glass lens for the lights on the bollards at the Quorum/Arapaho intersection. Our price for this item is \$350.00 per lens. It is our understanding that the Town wants to purchase five of the spare glass lenses. Please inform our office of your decision regarding this item so that we can order the lenses.

If you have any questions regarding this item, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company  
  
Robert D. Weber  
Project Engineer

*The Town does not  
want to order any  
spares at this time  
Thanks  
Jeffrey*



**PUBLIC WORKS DEPARTMENT**

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

To Robert Weber  
214-352-3201  
-Faxed-

September 15, 1999

Pat Rivera  
Ed Bell Construction, Inc.

RE: Arapaho Road, Preliminary Punch List

Pat:

Here is a preliminary punch list of items to be addressed for completion of the referenced project:

A. General Comments:

1. Verify all poles and signs are set plumb.
2. Clean concrete splatter, etc. from signal bases, cabinets, light bases and poles, etc. Primer and paint all scratches.
3. Clean out all storm drain inlets.
4. Seal all redwood joints in sidewalks.
5. Rout and seal all joints where sidewalks abut curbs and where there is no expansion material.
6. Sandblast all sidewalk repairs; clean all splatter, score to match existing.
7. Clean all concrete "splatter" from bollards, sidewalk panels, street, and curbs.
8. Remove all miscellaneous epoxy and thermoplastic from street and sidewalks.
9. Patch all defects in curb (front and back) throughout the project.
10. Replace broken pavers in sidewalks.
11. Replace/repair all buttons where reflectors are missing, broken or missing buttons.
12. Clean out all sand, trash, and misc. dirt from all tree wells.
13. Finish sanding-in pavers throughout.
14. Epoxy pressure seal all cracks in Bomanite street/driveway crossings.

B. Specific areas:

1. Cracked sidewalk and missing (?) expansion material around signal base at NE corner of Arapaho/Addison Rd.
2. Rout and seal connection to parking lot at 15350 Addison Rd.
3. Place caps on ends of mast arm and signal pole at NE corner Arapaho/Addison Rd.
4. Grind entrance to storm drain flume at south side of Perry's C Store (15350 Addison Rd.).
5. Erect new signal pole on SE corner Arapaho/Addison Rd., and remove existing pole, mast arm, and base.
6. Submit plan to repair "birdbath" at STA 42+ in WB right turn lane.
7. There is no expansion material between sidewalk and curb at 15350 Addison Rd. on the parking lot side.
8. Repair brick trip hazard at east drive entrance to 4801 Arapaho, approx. STA 42+.
9. Repair "mud holes" at STA 48 in WB right lane.
10. Repair chip in median nose at STA 48.
11. Void under sidewalk at NW corner Quorum/Arapaho. Submit solution.
12. Rout and seal Quorum Drive pavement (Run joints through curbs).
13. Rout and seal concrete repair @ EB Arapaho at Quorum.
14. Provide batch design from "flowable grout" used at outfall channel drainage. The material placed does not appear to be weather resistant.
15. Verify lane width of markings throughout, esp. WB Arapaho, west of Spectrum Drive.
16. Concrete median bands that lack expansion material to be sawed double wide and sealed.
17. Sweep entire bridge over Dallas North Tollway and pick up epoxy/thermoplastic chip piles. Clean concrete splatter, and all joints at raised islands.
18. Install redwood and repair sidewalk, SB Dallas Parkway south of Arapaho.
19. Align and extend jiggle bars at EB and WB right lane entrances to bridge over D.N.T.
20. Replace stop bar at NB Spectrum.
21. Place hydro-mulch at Bank of America frontage on Spectrum.
22. Rout and seal sidewalk/curb joint NB and SB Spectrum.
23. Place stop bar at SB Spectrum.
24. Saw and seal sidewalk/curb joint at Carramerica drive.
25. There are no grooves in ADA ramp at Carramerica.
26. Sandblast Bomanite crossing at north end of Spectrum.
27. Rout and seal crack in Carramerica drive approach.
28. Place solid sod between inlet and flumes at north side of Carramerica.
29. Re-grout top of wall, full width, at Carramerica parking garage, and check spacing between wall and bricks WB from east end to Quorum corner.
30. Add sidewalk width at SE corner Quorum/Arapaho SB to corner.
31. Rout and seal sidewalk/curb joints NB and SB Quorum.
32. Place blue button at hydrant EB at Quorum.
33. Bolt tree well grates together.
34. Complete sidewalk scoring at SWBT Bldg.
35. Clean concrete spoil off Unigreen pavers at SWBT.
36. ??? ADA ramps at Summerfield Suites on Edwin Lewis.
37. Rout and seal sidewalk/curb joints on Edwin Lewis.
38. Inlet/MH at Quorum Centre - Bring cover/ring to sidewalk grade.
39. Repair concrete to asphalt joint at Addison Rd.
40. Observed drainage flow bypassing various inlets, i.e. at STA55+89.81.
41. Fill core hole SB Quorum south of Arapaho, right lane.
42. Install pavers on Quorum and on the corners at Arapaho.
43. ??? East drive approach at Millennium.

It should be noted that this is a preliminary list. The Parks Department will be inspecting all vegetation and tree wells. There are some issues being worked out with the signals directly with the electric contractor. Our signal technician kept a separate list (See attached).

If you have any questions, or need additional information, please don't hesitate to contact us.

Respectfully submitted, /



David E. Wilde, Public Works Inspector

Attachment: Arapaho Road Project, Signal Punch List

cc: John Baumgartner, P.E., Director of Public Works  
Robin Jones, Street Department Superintendent  
James Pierce, P.E., Assistant City Engineer  
Ken Roberts, P.E., Huitt-Zollars  
Slade Strickland, Director of Parks and Recreation

**ARAPAHO ROAD PROJECT  
SIGNAL PUNCH LIST**

**Addison Rd & Arapaho:**

1. Replace cap on end of mast arm (north bound mast arm)
2. Northeast corner: place two 4" steel, concrete filled bollards in front of curb to protect t-base
3. Install missing nut covers on pole base.
4. Install cap on top of pole on northeast corner.
5. Finish phone hook ups, install and connect modems.
6. All field wiring for signals and pedestrian detectors in t-bases are to be connected to terminal barrier strips. **TWISTING WIRES TOGETHER AND SECURING WITH WIRE NUTS IS NOT ACCEPTABLE.**
7. Clean interior of all t-bases of rocks, mud and other debris as needed.

**Arapaho Rd & Edwin Lewis:**

1. Northwest corner: Lower bolt on access panel on t-base is stripped. Run tap into bolt hole to clean threads and replace bolt.
2. Southeast corner: Lower bolt on access panel on t-base is stripped. Run tap into bolt hole to clean threads and replace bolt.
3. Northeast corner: Lower bolt on t-base access panel is missing, replace bolt.
4. Install twisted pair phone cable from telephone terminal box beside foundation to cabinet. Finish phone hookup, install and connect modems.
5. All field wiring for signals and pedestrian detectors in t-bases are to be connected to terminal barrier strips. **TWISTING WIRES TOGETHER AND SECURING WITH WIRE NUTS IS NOT ACCEPTABLE.**
6. Clean interior of all t-bases of rocks, mud and other debris as needed.

**Arapaho Rd & Quorum Dr:**

1. Southeast corner: Lower bolt on t-base access panel missing, replace bolt.
2. Northeast corner: Lower bolt on t-base access panel missing, replace bolt.
3. Northeast corner: Replace bolt on mast arm to pole joint. (Too short).
4. Finish phone hookup, install and connect modems.
5. All field wiring for signals and pedestrian detectors in t-bases are to be connected to terminal barrier strips. **TWISTING WIRES TOGETHER AND SECURING WITH WIRE NUTS IS NOT ACCEPTABLE.**
6. Clean interior of all t-bases of rocks, mud and other debris as needed.

**NOTEBOOK COMPUTER SPEC.  
(laptop)**

Processor:	Pentium 233 MHz
Display:	12.1 Active matrix
Floppy drive:	1.44 MB
Hard drive:	4 GB
CD-ROM:	24X
PCMCIA port:	Yes
Power source:	AC/DC
MODEM:	56K PCMCIA
Carrying case:	Aluminum
Software:	Windows 95

The above are the latest specs from TXDOT. The Toshiba model 2595 CDT meets or exceeds these specs.

I would like to additionally spec DOS 6.2 so that I can set up the hard drive to try and run some of my existing software.

9-15-99  
copy given to Hamid  
He will purchase &  
give invoice to me.

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Robert Weber

From: **Jim Pierce, P.E.**  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834  
jpierce@ci.addison.tx.us

Company: Ed Bell Const

FAX #: 214-352-3201

Date: 9-13-99

16801 Westgrove  
P.O.Box 9010  
Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd - Sidewalk Paver Brick

- Original in mail
- Per your request
- FYI
- Call me

Comments: This is to revise my previous fax  
such that any remaining Glen Berry  
sidewalk pavers should be put on a  
pallet and brought to the service  
center for spares. They should not  
be mixed in with the Pine Hall Brick

*J. Pierce*

cc Dave Welde  
Pat Rivera

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Robert Weber

From: James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834

Company: Ed Bell Const

FAX #: 214-352-3201

Date: 9-13-99

16801 Westgrove  
P.O. Box 9010  
Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd - Brick Pavers

- Original in mail       Per your request       FYI       Call me

Comments: We have been advised that Paving  
Const. has run out of the specified  
pavers for sidewalks. We have approved  
an alternate brick paver:

"Pine Hall Brick"

available thru Acme Brick - Brad Burks

972-241-1400

Pavers should be full 4" x 8"

The remaining Glen Gierg brick  
pavers can be dispersed in with the  
Pine Hall brick.

*J. Pierce*

cc John Baumgartner  
Shede Strickland

Dave Wilde

Pat Rivera



— BRICK —

9-10-99

Mohamed Salem returned my call  
@ 5:20 PM

why? Glen Geary was "approved" by Mohamed  
972-866-7790

Mike Robbins sent samples  
of brick — took samples  
back

Couldnt find the dark brown  
(border brick.)

Sent 4 bricks to Mohamed

9-13 Talked with Mike Robbins (Post Prop) — between  
his 2 paver contractors they have enough  
Glen Geary brick to finish phase II.  
I advised Mike we had selected Procell  
as an alternate

TOWN OF  
**ADDISON**

*Taxed*

**PUBLIC WORKS**

To: Robert Weber

From: James C. Pierce, Jr., P.E., DEE

Company: Ed Bell Const.

Assistant City Engineer

Phone: 972/450-2879

FAX #: 214-352-3201

FAX: 972/450-2834

Date: 9-8-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd - Town Property

Original in mail

Per your request

FYI

Call me

Comments: In our meeting of 6-17-99, it was stated that "the Town expects its property (used by Ed Bell as a staging area) to be restored by grading to drain and with a vegetative cover. This item is covered by the job specifications (NCTCOG Standard Specifications, Item 1.32)."

The restoration shall be at no cost to the owner.

I wanted to re-state this to eliminate any confusion in this matter.

*J. Pierce*

cc Pat Rivera

Dave Wilde

8-30-99

Pat -

Finishing Brick -

Sod @ Cam America  
Ron Lee will check

Fescue Sod -  
price the same?

Street Lights - Not complete  
Kenny Martin - gave Pat his #

ASC - 2 1/2 days left

30'x40' price - Matkinson

Survey/Paving - Rob Weber.

Arapaho/Carolina

9-1-99

Re Fescue Sod

Telcom with Darla of Thomas Grass  
817-467-1103

Fescue sod not available until  
October.

Prices:

Fescue	\$ 157.50	per 50 yd <sup>2</sup>	or \$ 3.15/yd <sup>2</sup>
Bermuda	131.67	per 63 yd <sup>2</sup>	or \$ 2.09/yd <sup>2</sup>

Arapaho Rd

8-31-99

Telecon from Rob Weber

Compiling shots -

Found a low trough -

Used an 8' level - got best info from  
that.

Took shots -

Will send us the compiled info.

EBC will remove & replace the low section  
at same time doing mortenson work.

TOWN OF  
**ADDISON**

*Faxed*

## PUBLIC WORKS

To: Robert Weber

From: James C. Pierce, Jr., P.E., DEE

Company: Ed Bell Const.

Assistant City Engineer

Phone: 972/450-2879

FAX #: 214-352-3201

FAX: 972/450-2834

Date: 8-26-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd - Barricades

Original in mail

Per your request

FYI

Call me

Comments: At the beginning of this project, in April, 1998, we were billed for one month's worth of barricades when barricades were only used beginning April 13<sup>th</sup>, 1998. On your next estimate, please give us credit for this overcharge on Item 101.

Also, with the project at this stage of completion, we expect that the barricade item will be complete at the end of this month.

*J. Pierce*

cc Pat Rivera

Dave Wilde

**ED BELL CONSTRUCTION COMPANY**

POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-0787

10605 HARRY HINES  
DALLAS, TEXAS 75220

August 23, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Mr. Pierce:

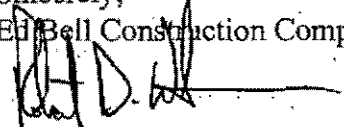
As per your request for pricing, our landscaping subcontractor has provided pricing for an additional row of trees along the DART Transit Center ROW. Based upon your April 23, 1999 letter of transmittal and subsequent guidance regarding repairs to the existing DART facilities, our price for the additional trees is \$780.00 per tree. This price includes repair of the grassed areas disturbed by our landscaping subcontractor and specifically excludes any irrigation system repairs. It is our understanding that the Town of Addison has directed that the trees meet the following specifications:

65 gallon Shumard Red Oaks  
3.5" to 4" caliper  
14' to 16' in height with a 8' to 10' spread

Please inform our office of your intent regarding this item at your earliest convenience so that we can ensure that the trees come from the same source as the other oak trees provided for this project. If approved, we will need an accurate count of the trees to be planted since the annotated plan sheets, your letter of transmittal, and our landscaping subcontractor's original quote all identify a different quantity for the trees.

If you have any questions regarding this price, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company

  
Robert D. Weber  
Project Engineer

**ED BELL CONSTRUCTION COMPANY**

POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-0787

10605 HARRY HINES  
DALLAS, TEXAS 75220

August 23, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

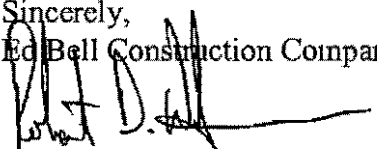
Dear Mr. Pierce:

It is our understanding that you have requested a price to replace the 8" yellow buttons (Item 119) on the DNT bridge with a double yellow thermoplastic stripe and a row of 4" yellow reflective markers. Our prices for that work are as follows:

Double 4" Yellow Thermoplastic Stripe	250 LF	\$6.00 per LF
TY II-AA Traffic Marker (Y)	100 EA	\$7.00 per EA

Please inform our office of your decision regarding these prices as soon as possible. If you have any questions regarding these prices, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company

  
Robert D. Weber  
Project Engineer



**ED BELL CONSTRUCTION COMPANY**

POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-0787

10605 HARRY HINES  
DALLAS, TEXAS 75220

August 23, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

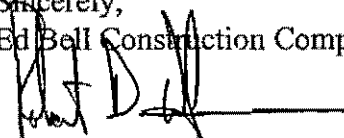
Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Mr. Pierce:

It is our understanding that our electrical subcontractor installed a 19 gauge six pair interconnect cable between the traffic signal cabinets on this project and that a pay item doesn't exist for this item. Additionally, it is our understanding that 2480 LF of this cable needed to be installed so that the signal lights functioned properly and that the cable was installed with the knowledge of representatives from the Town of Addison. Our price for this cable is \$2.95 per LF.

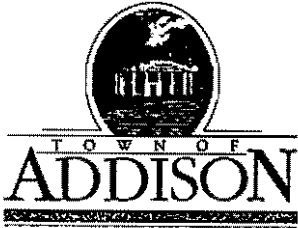
Please add this item to the next change order and provide an additional five (5) calendar days to the project duration for this work. If you have any questions regarding this issue, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company



Robert D. Weber  
Project Engineer

*Faxed  
& Mailed*



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

August 25, 1999

Mr. Robert D. Weber, Project Engineer  
Ed Bell Construction  
P.O. Box 540787  
Dallas, TX 75354-0787

Re: Repair of Edwin Lewis Drive and Spectrum Drive

Dear Mr. Weber:

This is to advise that the Town of Addison will guarantee payment of \$16,045.00 to Ed Bell Construction upon satisfactory completion of the repairs of damage caused by Mortenson in Edwin Lewis Drive and Spectrum Drive.

Please have Pat Rivera get together with Robin Jones and Dave Wilde to be sure there is understanding and agreement on the scope of work.

Please call if you have any questions.

Very truly yours,

Town of Addison

James C. Pierce, Jr., P.E.  
Assistant City Engineer

cc: Chris Terry, Assistant City Manager  
John Baumgartner, P.E., Director of Public Works  
Robin Jones, Street Superintendent

# MORTENSON

The Construction Organization®

August 23, 1999

14719 N.E. 29th Place  
Bellevue, Washington 98007

Telephone: (425) 895-9000  
Facsimile: (425) 376-0300

Mr. Robin Jones  
Public Works Department  
Town of Addison  
16801 Westgrove  
Addison, Texas 75001

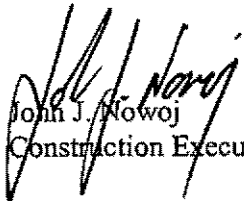
Reference: **Repair of Edwin Lewis Drive and Spectrum Drive**  
Colomade Phase III  
Mortenson Job No. 967302

Dear Mr. Jones:

As we discussed, we are enclosing herewith a check for Ed Bell Construction for performing the roadway repair work as referenced above, on our behalf. This check is being sent to the Town of Addison for distribution once this work has been performed to your satisfaction. I have discussed this with Robert Webber of Bell Construction and he has informed me that they will be proceeding with this work immediately.

Thank you for your patients and assistance in this matter. Should you have any further questions and/or concerns, please do not hesitate to contact me.

Sincerely,



John J. Nowoj  
Construction Executive

Enclosure

cc: Robert Webber / Ed Bell Construction (214)352-3201

**M.A. MORTENSON COMPANY**

700 MEADOW LANE NO. MINNEAPOLIS, MINNESOTA 55422

JOB/SUB JOB NO	CO	DIV	VENDOR	REFERENCE	CHECK NO
	01	000	00000		807005

INVOICE NUMBER	INVOICE DATE	DESCRIPTION	GROSS AMOUNT	DISCOUNT	NET AMOUNT
98-12	04/16/99	ROAD REPAIR	16,045.00		16,045.00
DETACH AND RETAIN THIS STATEMENT THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED ABOVE IF NOT CORRECT PLEASE NOTIFY US PROMPTLY, NO RECEIPT DESIRED			<b>TOTALS</b>		
			16,045.00		16,045.00

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER

**MORTENSON**  
The Construction Organization®

75-46  
917 No. A  
CHECK DATE 08/18/99  
CHECK NO 807005

PAY Sixteen Thousand Forty-Five Dollars and 00 Cents

CHECKS SIGNATURE  
\*\*\*\*\*16,045.00  
Norwest Bank Red Wing, N.A.  
Red Wing, Minnesota

TO THE ORDER OF ED BELL CONSTRUCTION  
1065 HERY HINES  
DALLAS TX 75220

*[Handwritten Signature]*  
REGULAR ACCOUNT CHECK M.A. MORTENSON COMPANY

THE BACK OF THIS DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

TELEX 820590  
FAX (214) 352-3201

TELEPHONE (214) 355-6581

**ED BELL CONSTRUCTION COMPANY**  
POST OFFICE BOX 540787 10608 HARRY HINES  
DALLAS, TEXAS 75354-0787 DALLAS, TEXAS 75220

August 23, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

*3000 LF*  
*\$315/1000'*

Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Mr. Pierce:

It is our understanding that our electrical subcontractor installed a 19 gauge six pair interconnect cable between the traffic signal cabinets on this project and that a pay item doesn't exist for this item. Additionally, it is our understanding that 2480 LF of this cable needed to be installed so that the signal lights functioned properly and that the cable was installed with the knowledge of representatives from the Town of Addison. Our price for this cable is \$2.95 per LF.

Please add this item to the next change order and provide an additional five (5) calendar days to the project duration for this work. If you have any questions regarding this issue, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company



Robert D. Weber  
Project Engineer

*Handwritten calculation:*  
$$\frac{\$363.00}{1000'} = 0.363/\text{ft}$$
  
*base cable*  
$$\frac{0.63}{0.993} \rightarrow 0.63/\text{ft to install}$$

*Handwritten calculation:*  
$$\frac{\$622}{1000 \text{ feet}} = 0.622/\text{ft}$$
  
*7 conductor  
Signal Cable  
Stranded  
IMS A22-1*  
$$\frac{1.25}{0.622} = 0.63/\text{ft to install}$$
  
*Furnish & Install =*

# CLIFFORD

OF VERMONT, INC.  
A national distributor of cable, wire, supplies and equipment

National Sales Office  
P.O. Box 51, Bethel, VT 05032  
800-451-4381 • Fax: 802-234-5006  
e-mail: cablesales@cliffcom.com  
www.cliffordvt.com

Southeast Sales Office  
800-769-1837 • Fax: 770-496-0609

Summer 1999

**FREE GUIDE!**  
New, comprehensive Fiber Optic and  
Outside Telephone & Hardware Guide enclosed.

Dear Customer:

As you are a valued customer of Clifford of Vermont, I have enclosed a **FREE** copy of our new and comprehensive "*Fiber Optic Cable, Outside Telephone & Hardware*" guide. This concise field book will be invaluable to you for specifying, designing and ordering for your fiber and telephone cable projects.

New fiber optic constructions of '*dry block*' and '*all dielectric self-supporting*' (ADSS) are now available through Clifford, as well as the more popular constructions of fiber optic cable. The dry block construction is lighter in weight, reduces prep time and lowers installation costs. The ADSS construction resists lightning, has improved grounding capabilities and is also lighter in weight. (See the enclosed guidebook for more details.)

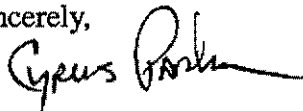
Clifford is your single source for outside plant cable and supplies, and we hope you find this information helpful while planning your current and upcoming projects. Remember, Clifford stocks product with **RUS(REA) and Bellcore approvals.**

We **guarantee** stock orders will be shipped within 24 hours from our conveniently located warehouses in Carbondale, Pennsylvania and Atlanta, Georgia. With over 50 years of experience in the telecommunications industry and in inventory management, you can rest assured Clifford will have your materials on site when needed.

Call us **TOLL-FREE** at **800-451-4381** for quick answers on availability, prices and delivery. Or, if you would like additional copies of this new guidebook – just call and ask.

We look forward to serving you in the near future.

Sincerely,



Cyrus Parker  
Sales Manager

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Robert Weber

From: James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834

Company: Ed Bell Const.

FAX #: 214-352-3201

Date: 8-24-99

16801 Westgrove  
P.O. Box 9010  
Addison, TX 75001-9010

# of pages (including cover): \_\_\_\_\_

Re: Arapaho Rd - Interconnect Cable

- Original in mail
- Per your request
- FYI
- Call me

Comments: We have just received a quote to purchase 7 inductor signal cable (same as item #431) which costs \$0.62 per LF. Subtracting that from \$1.25 per LF (furnish & install), installation is worth \$0.63 per LF. The cost of 19 gauge 6 pair interconnect cable is \$0.32 per LF. Adding installation at \$0.63 per LF. totals \$0.95 per LF.

*\$2.50*

We would be willing to pay for this cable at \$0.95 per LF installed.

cc Pat Rivera  
Dave Walde

*J. Pierce*

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Robert Weber

From: James C. Pierce, Jr., P.E., DEE

Company: Ed Bell Const.

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2834

FAX #: 214-352-3201

Date: 8-25-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd - Replace 8" Yellow Buttons

- Original in mail
- Per your request
- FYI
- Call me

Comments: In accordance with our conversation today, we agree to \$4.50 per LF for Double 4" Yellow Thermoplastic Stripe for 120 LF across Arapaho/Tollway bridge. We will pay "proportionally" for the yellow striping under Item 121. The Type II-AA markers will be paid for under Item 117.

*Jeffrey*

cc Pat Rivera  
Dave Wilde



TOWN OF  
**ADDISON**

Faxed

## PUBLIC WORKS

To: Robert Weber

From: James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834

Company: Ed Bell Const

FAX #: 214-352-3201

Date: 8-24-99

16801 Westgrove  
P.O. Box 9010  
Addison, TX 75001-9010

# of pages (including cover): \_\_\_\_\_

Re: Arapaho Rd - Replace 8" yellow buttons

Original in mail       Per your request       FYI       Call me

Comments: We have a price for 24" wide thermo-  
plastic stop bar - Item 121 - for \$ 7.00 per  
lined foot. Two 4" stripes (8" wide total)  
would be 1/3 of that, or 1/3 of \$ 7.00 = \$ 2.33  
per lined foot. The area to be striped is  
120' long. A more reasonable price would be  
"Double 4" yellow Thermoplastic Stripe, 120 LF @  
~~\$ 3.00~~ per LF". We already have a price for  
the Type II - AA markers (Item 117), so we would  
use that.

\$ 4.50  
8-25-99  
JP

Please reconsider your proposal in  
light of the above.

J. Pierce

cc Pat Rivera

Dave Wilde

P.S. we could pay "proportionally" for the yellow striping  
under Item 121.

TELEX 820580  
FAX (214) 352-3201

TELEPHONE (214) 358-6581

**ED BELL CONSTRUCTION COMPANY**

POST OFFICE BOX 540787  
DALLAS, TEXAS 75364-0787

10805 HARRY HINES  
DALLAS, TEXAS 75220

August 23, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

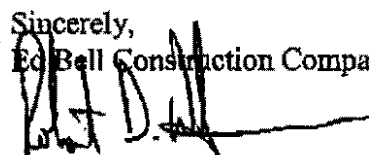
Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Mr. Pierce:

It is our understanding that you have requested a price to replace the 8" yellow buttons (Item 119) on the DNT bridge with a double yellow thermoplastic stripe and a row of 4" yellow reflective markers. Our prices for that work are as follows:

Double 4" Yellow Thermoplastic Stripe	250 LF	\$6.00 per LF
TY II-AA Traffic Marker (Y)	100 EA	\$7.00 per EA

Please inform our office of your decision regarding these prices as soon as possible. If you have any questions regarding these prices, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company  
  
Robert D. Weber  
Project Engineer

**A.S.C. PAVEMENT MARKINGS, INC.**

1701 East Main St.  
 Grand Prairie, TX 75050  
 (972) 642-9000 (Office #)  
 (972) 263-0310 (Metro #)  
 (972) 642-9399 (Fax #)

Proposal # P2748A

<p>Proposal Submitted To:</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><b>ED BELL CONST.</b>  <b>ATTN: PAT</b></p> </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px; text-align: right;"> <p>8-23-99</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>ARAPAHO ROAD</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>FRM ADDISON RD TO DALLAS TOLLWAY</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>CITY OF ADDISON</p> </div> <div style="border: 1px solid black; padding: 2px;"> <p>C.O. TO SUBSTITUTE ITEM</p> </div>
<p>TXDOT VN # 0697      NCTRCA # WFSDB147Y0199      TAX ID # 75-2436938</p>	

ITEM #	DESCRIPTION	QTY	UM	UNIT PRICE	TOTAL
	DELETE TO OBSOLETE ITEM:			\$ 30.00	
119	P-18 TY II-AA BUTTONS	246	EA	-\$ 28.000	\$ 7380.00 -\$ 6,888.000
	ADD SUBSTITUTE ITEMS:				
119	THERMO DBL 4" YEL SLD	170 <sup>1</sup> <del>1200</del>	LF	\$ 3.000	\$ 360.00 \$ 3,690.000
119	TY II AA MARKER @ 30" CTRS	50	EA	\$ 6.000	\$ 300.000
	/ Item 117				
<b>TOTAL</b>				<b>-\$ 2,898.000</b>	

**IF ACCEPTED**, the following conditions must be incorporated into the contract:

- |  |  |   |
|--|--|---|
| Move-in(s) For: Permanent Markings <b>1</b> Each | Temporary Markings <b>N/A</b> Each           | Additional Move-In(s) <b>\$ 350.000</b> |
| NO PRIOR CLEANING                                | NO ELIMINATION / REMOVAL OF ANY MARKINGS     |   |
| NO TEMPORARY STRIPING                            | MINIMUM CHARGE OF \$ 350.00 PER EACH MOVE-IN |   |
| MINIMUM 1 WEEK NOTICE REQUIRED TO MOVE-IN        |  |   |

Net Upon Receipt Of Funding



Authorized Signature Dane Alsabrook

*NOTE: This proposal may be withdrawn by us if not accepted within 30 Days.*

Company Name \_\_\_\_\_ Date: \_\_\_\_\_  
 Authorized By \_\_\_\_\_ Title \_\_\_\_\_

# FACSIMILE COVER PAGE

---

**To :** CITY OF ADDISON - JIM PIERCE

**From :** Dane Alsbrook

**Sent :** 8/23/99 at 2:49:56 PM

**Pages :** 2 (including Cover)

**Subject :**

---



**TXU Electric & Gas**  
Formerly TU Electric & Lone Star Gas

OFFICE : 1-800-266-2489 OR METRO 972-791-2886

**INSPECTION FORM**

FAX: 1-800-253-9602 OR METRO 972-791-6706

**CITY OF: ADDISON**

FROM: Bruce Ellis 18 Aug 99 972 450 2888 972 450 2837  
 NAME DATE PHONE# FAX#

PERMIT TYPE* GAS OR ELEC?	INSPECTOR OR PERMIT #	INSPECTION ADDRESS	BUILDER/OWNER/TENANT NAME
E C/O	B. Ellis	4151 Beth Line #103	All State Insurance
E C/O	B. Ellis	4652 Sunbelt	C.T.I.
E C/O	B. Ellis	15660 Quorum	Addison Haircutting Co
E - Perm	B. Ellis	15400 - Quorum - Meter "A" C	Town of Addison Parks Dept
E - Perm	B. Ellis	15400 - Quorum Meter "B"	Town of Addison Parks Dept
		These are located at the N. E. Corner of New Arapaho and Quorum contact at town is David Wilde - 972-450-2847 if you have questions	

**\* ELECTRIC PERMIT TYPES**

T-POLE: TEMPORARY POLE  
 PERM: NEW METER SET- EXISTING/ NEW SERVICE  
 C/PERM: CONDITIONAL PERMANENT/ TEMP FINAL  
 UPGRADE: REWIRE EXISTING SERVICE  
 C/O: CHANGE OF OWNERSHIP-RES/ COMMERCIAL

**\* GAS PERMIT TYPES**

C/PERM: CONDITIONAL PERMANENT/ TEMP FINAL  
 PERM: NEW METER SET- EXISTING/ NEW SERVICE  
 REPAIRS, LEAKS, TEST, RELAYS

8-19-99

Done - as substitution for 8" dia 2 way dual reflective pavement markers, use 2- 4" yellow stripes with Type II yellow traffic buttons on .30" centers. As per City of Dallas. Please call Greg & let him know

~~8-18-99~~ ~~8-19-99~~ ~~8-19-99~~

**IMPORTANT MESSAGE**

FOR Jim R. B. Round

DATE 8-18-99 TIME 2:00 A.M. P.M.

M GREG

OF A.S.C. (MARKING)

PHONE 972 642 9000  
AREA CODE NUMBER EXTENSION

FAX

MOBILE  
AREA CODE NUMBER TIME TO CALL

TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL	<input checked="" type="checkbox"/>
CAME TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	<input type="checkbox"/>
WANTS TO SEE YOU	<input type="checkbox"/>	RUSH	<input type="checkbox"/>
RETURNED YOUR CALL	<input type="checkbox"/>	WILL FAX TO YDU	<input type="checkbox"/>

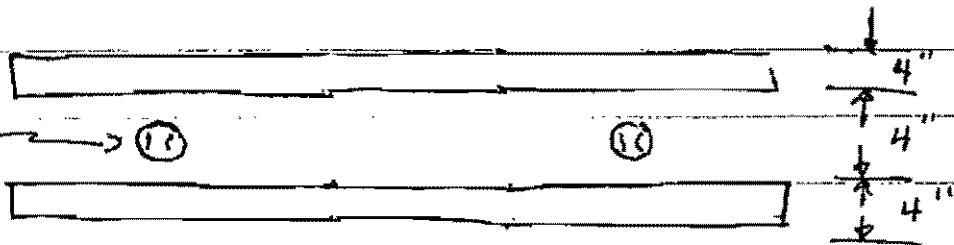
MESSAGE WANTS TO KNOW ABOUT  
8" 2WAY REFLECTORS (YELLOW)  
ON APACHE ROAD PROJECT  
(HE'S CONTRACTOR) SAYS 3WEEK  
DELIVERY ON BUTTONS

SIGNED Robin

**TOPS** FORM 4009  
MADE IN U.S.A.

yellow stripes →

Type II Y-Y → (1) (1)



Arapaho Rd Const Meeting 8-12-99

Name	Company	Phone
Jim Pierce	Addison	972-450-2879
DAVE WILDE	Addison	" " 2847
Pat Rivera	ED Bell	214 5074914
<del>Robert Weese</del>	EBCC	(214) 358-6581
Ken Roberts	Huitt-Zollars	214-871-3311
Aubrey Adcock	Huitt-Zollars	214.871.3311

# Arapaho Rd Const Meeting

8-12-99

- ✓ 1. Discussion of drainage issue at intersection of Arapaho & Parham  
- Reference: Video -
- ✓ 2. Status of Change Order #6  
Rob will send -
- ✓ 3. Status of Phone Drops @ Edwin Lewis & Addison Rd.  
Trinity Underground -
- ✓ 4. Conc. Tests - "Did not meet Specs"  
add'l samples available for testing?  
Rob will follow up -
- ✓ 5. Discuss addl repairs on Edwin Lewis -  
Rob has tried to get Rob Novoy to return his calls for a month - Novoy & Rob agreed that they would send a check - Robin will call and coordinate.



✓ 6. Carry Forward Items

✓ 7. Punch List

8. Work Remaining - Sidewalk Brickwork  
all trees are in.

✓ 9. SW Bell wants to put in new M.H. on Mullerhaus  
property & lower a manhole in our  
sidewalk area.

✓ Pay Estimate

Add Irrigation By wall - Rob will  
contact Irritech.

# ARAPAHO RD

(1)

## Carry Forward Items:

1. Inlets not draining
2. Depth of Pavement Testing
3. ~~Re core slab that we think should be removed~~
4. ~~Take additional strength cores in those areas that came up low on the flex test, to determine the extent.~~
5. Sealing pavement cracks
6. ~~Tree Well (that was moved to the east) @ station 48+10 must be connected to the perforated pipe area from whence it was moved... or - create a new perforated pipe area by drilling the pipe under root ball and wrapping it with geo fabric.~~
7. ~~Missing pedestrian light base in sidewalk @ Sta 60+84<sup>+</sup> (to be done @ traffic switch)~~
8. ~~Need Price for 24 Station Controller~~

ARAPAHO RD

(2)

Carry Forward Items (continued)

9. Need Caps on Signal Pole @ Addison Rd
- ~~10. Fire hydrant on Quorum Drive needs to be moved.~~
- ~~11. TV sanitary sewer to verify OK. Connection to manhole (inside) not satisfactory~~
- ~~12. Conduits for Carr America "Island"~~
- ~~13. Add Landscaped areas~~
- ~~14. Sealing Cracked Pavement~~
15. Strength Testing  
Cores # 5, 6 & 7 deficient  
Cores 6 & 7 require removal & replacement  
awaiting response from E.B.C.
- ~~16. Need price for 2<sup>nd</sup> row of trees along DART Transit Center~~
- ~~17. Delivery tickets for Class K Concrete~~
18. Fill in Core holes

Arapaho Rd

(3)

Carry Forward Items (continued)

~~19. Raise Sanitary Sewer M.H. @  
Colonade property.~~

# Punch List Items From Specs

7-20-99

Addendum 5, p 2, para 8. Requires  
pallet of brush for items 501, 504 & 505

Addendum 5, p 3 para B.3 After final  
acceptance of landscape, 90 day  
maintenance & 1yr guarantee starts.

AS-Builts — See special provision, Para 5.

Storm Sewers should be thoroughly cleaned  
(Tech Specs p. 14)

Remove existing traffic signal equipment &  
deliver to Svc Center

Furnish 40 hrs classroom training on  
operation of the TS-2 controller & video-detection

Contractor shall record all cable measurements  
and include the distances in the record drawings

Mill certifications are needed for poles & mast  
arms. p. 12

Test signal cables for insulation resistance  
p. 17

Check control cabinets for ventilation fans -  
2 - adjustable thermostat, 100 CFM each. p 20  
Cabinet lights p 24

Mitch should review Specs & Shop  
drawings for compliance.

Certification needed on sod - "Tx Turf 10" spec

Meeting Notes:

Need one pallet of each type of brick

Plans:

P-1 - Letter "C" stamped or chiseled on  
curb where ~~con~~ conduit is under drives  
or intersections

P-14 - Barrier Free Ramps shall have light  
reflective value & texture (color) ~~min~~  
see Note 8

Note: 38' 2.5"  $\phi$  conduit installed under  
Quorum Center driveway for irrigation.

Quantities increased for tree drains  
on Quorum drive  $\approx$  340 linear feet

73' 2" conduit installed for new  
streetlight in median on Quorum,  
N. of Arapahos.

# HUITT-ZOLLARS

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

November 5, 1998

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

Re: Arapaho Road

Dear Mr. Pierce:


In response to your questions concerning cracks in the new concrete pavement on Arapaho Road, I made a site visit on Tuesday afternoon November 3, 1998. I walked the entire project and looked at the construction that has been completed to date. The following list contains my observations and recommendations:

- There is a radial crack at each corner of the Existing Arapaho Road / Arapaho Road intersection across the crosswalk. These cracks appear to be result of sawed dummy joints not being cut in the pavement. Assuming the concrete pavement is the proper strength and thickness, the cracks should be routed and sealed.
- I counted four transverse cracks in the right turn lane from paving stations 45+00 to 47+00 on the north side of Arapaho Road. These cracks appear to be result of sawed dummy joints not being cut within the 5 to 12 hour window as specified by NCTCOG Specifications. Assuming the concrete pavement is the proper strength and thickness, the cracks should be routed and sealed.
- There is a radial crack at each corner of the driveway located at paving station 55+66.98 to the CarrAmerica property across the crosswalk. These cracks appear to be result of sawed dummy joints not being cut in the pavement. Assuming the concrete pavement is the proper strength and thickness, the cracks should be routed and sealed.
- There is only one longitudinal sawed dummy joint in the center of the 45-ft. wide northbound Spectrum Drive pavement. If cracks develop in this section of pavement they should be routed and sealed. Construction or longitudinal joints should be located at each lane as detailed on Construction Drawing P-1.
- There is a section of pavement in the north lane of eastbound Arapaho Road across from the driveway at station 63+64.25 where three sawed dummy joints were marked with chalk but were not cut. If cracks develop in this section of pavement they should be routed and sealed.
- The stone riprap that was placed at the outfall of Stormwater Lines C-2 & C-3 does not meet the NCTCOG Specifications and was not installed as specified on Construction Drawing ST-12. There was also no evidence of erosion control measures in and around the outfall channel.

Please feel free to call if you have any questions.

Sincerely,

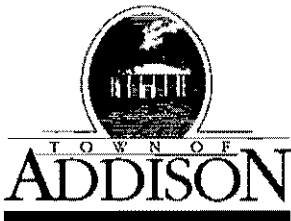
HUITT-ZOLLARS, INC.

  
Kenneth A. Roberts, P.E.  
Vice President

cc: John  
Robin  
Dave

H:\PROJ\01177201\UP110598.DOC





# LETTER OF TRANSMITTAL

## Public Works / Engineering

16801 Westgrove • P.O. Box 144  
 Addison, Texas 75001  
 Telephone: (214) 450-2871 • Fax: (214) 931-6643

DATE	8-10-99	JOB NO.
ATTENTION		
RE:	Arapato Road	

TO Pat Rivera  
Ed Bell Construction

### GENTLEMAN:

#### WE ARE SENDING YOU

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Shop Drawings  | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items:                            |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Prints              | <input type="checkbox"/> Plans <input type="checkbox"/> Samples <input type="checkbox"/> Specifications |
|   | <input type="checkbox"/> Change order        | <input type="checkbox"/> _____  |

COPIES	DATE	NO.	DESCRIPTION
1			Sketch showing extension of main line and control conduit/wire

### THESE ARE TRANSMITTED as checked below:

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> For approval              | <input type="checkbox"/> Approved as submitted    | <input type="checkbox"/> Resubmit _____ copies for approval   |
| <input checked="" type="checkbox"/> For your use   | <input type="checkbox"/> Approved as noted        | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested              | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints        |
| <input type="checkbox"/> For review and comment    | <input type="checkbox"/> _____                    |   |
| <input type="checkbox"/> FOR BIDS DUE _____ 19____ |   | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US     |

### REMARKS

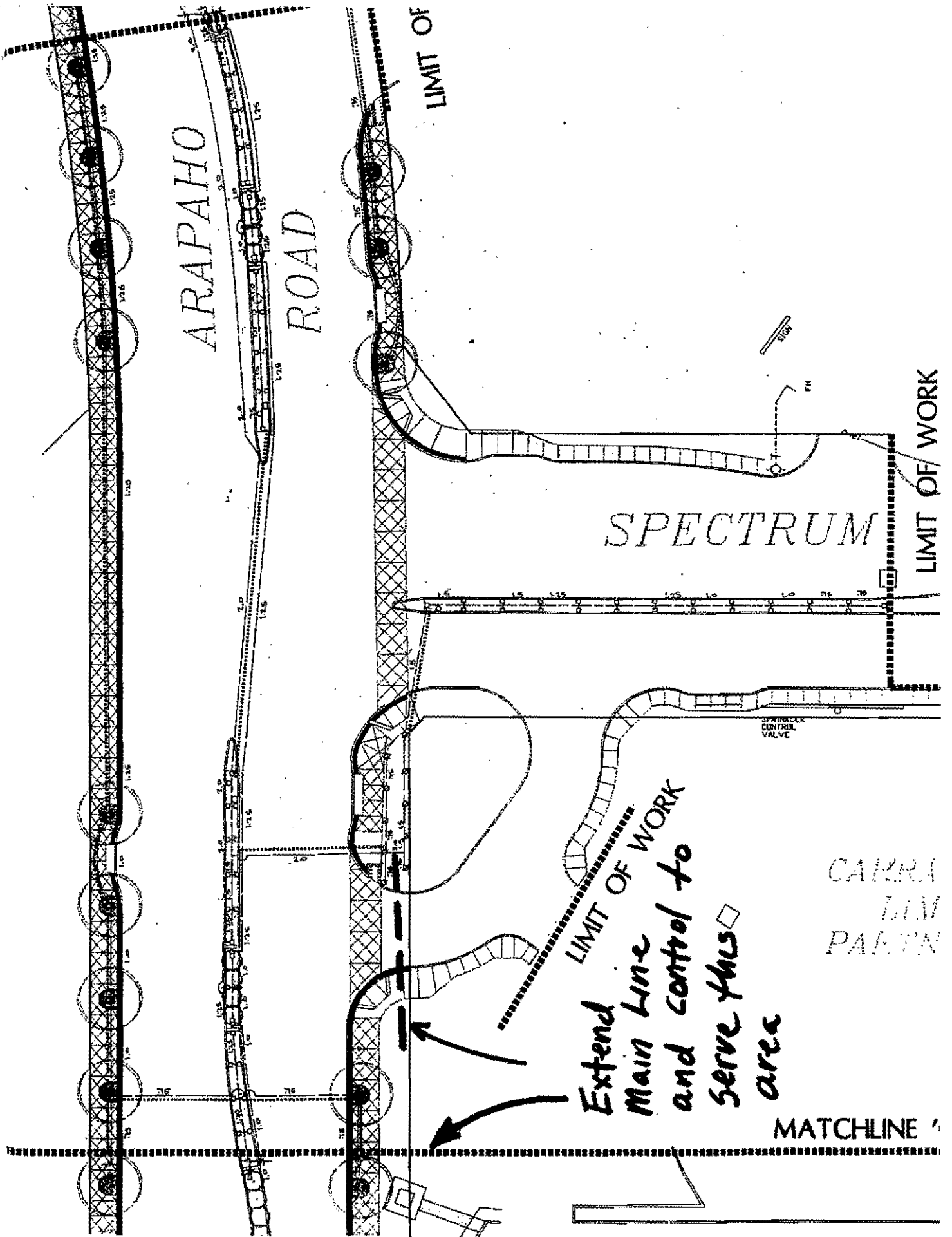
The area adjacent to the CarAmerica brick wall is NOT served by irrigation. Item 404 can be used to bore under driveway. We are requesting Irritech to lay out an irrigation system for the area. The intention is to pay for this by extension of quantities.

### COPY TO

Dave Wilde  
Glade Strickland  
Robert Weber

SIGNED: \_\_\_\_\_

*[Signature]*



ARAPAHO ROAD

SPECTRUM

LIMIT OF WORK

LIMIT OF WORK

*Extend Main Line and control to serve this area*

CARRI LIM PARTN

MATCHLINE

SPRINKLER CONTROL VALVE



# LETTER OF TRANSMITTAL

DATE <u>8-11-99</u>	JOB NO.
ATTENTION <u>SETH-IRRITECH</u>	
RE: <u>ARAPAHO ROW IRRIGATION</u> <u>DESIGN PROPOSAL</u>	

**Parks Department**  
 16801 Westgrove • P.O. Box 9010  
 Addison, Texas 75001-9010  
 Telephone: (972) 450-2851 • Fax: (972) 450-2834

TO SETH  
IRRITECH

**GENTLEMAN:**

- WE ARE SENDING YOU**
- Attached
  - Under separate cover via \_\_\_\_\_ the following items:
  - Shop Drawings
  - Prints
  - Plans
  - Samples
  - Specifications
  - Copy of letter
  - Change order
  - \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
<u>1</u>	<u>8-11-99</u>		<u>ARAPAHO ROW IRRIGATION</u> <u>SHEETS IR3-IR4</u>

**THESE ARE TRANSMITTED as checked below:**

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE ASAP 19
- Approved as submitted
- Approved as noted
- Returned for corrections
- \_\_\_\_\_
- Resubmit \_\_\_\_\_ copies for approval
- Submit \_\_\_\_\_ copies for distribution
- Return \_\_\_\_\_ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

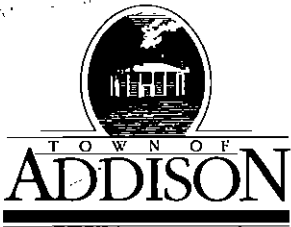
REMARKS SEE SHEETS IR3-IR4  
SEE NOTES ON ATTACHED

PLEASE SUBMIT A PROPOSAL TO DESIGN A ZONE FOR  
THIS AREA (HIGHLIGHTED IN PINK)

COPY TO TIM PIERCE

SIGNED: [Signature]

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



**Public Works / Engineering**

16801 Westgrove • P.O. Box 144  
 Addison, Texas 75001  
 Telephone: (214) 450-2871 • Fax: (214) 931-6643

**LETTER OF TRANSMITTAL**

DATE	8-10-99	JOB NO.
ATTENTION		
RE:	Arapaho Road	

TO Pat Rivera  
Ed Bell Construction

**GENTLEMAN:**

**WE ARE SENDING YOU**

- Shop Drawings
- Copy of letter
- Attached
- Prints
- Change order

Under separate cover via \_\_\_\_\_ the following items:

- Plans
- Samples
- Specifications

COPIES	DATE	NO.	DESCRIPTION
1			Sketch showing additional crosswalks (4) at Arapaho & Toll Road.
			Additional Painted Crosswalks

**THESE ARE TRANSMITTED as checked below:**

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_
- Approved as submitted
- Approved as noted
- Returned for corrections
- \_\_\_\_\_
- Resubmit \_\_\_\_\_ copies for approval
- Submit \_\_\_\_\_ copies for distribution
- Return \_\_\_\_\_ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

REMARKS As requested by the city of Dallas -  
10' wide.

COPY TO Dave Wilde  
Robert Weber

SIGNED: [Signature]

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

TRANSITION FROM  
11' MAIN LANES  
TO 10' MAIN LANES

TRANSITION FROM  
11' MAIN LANES  
TO 10' MAIN LANES

10' MAIN LANES  
10' TURN LANES  
ACROSS BRIDGE

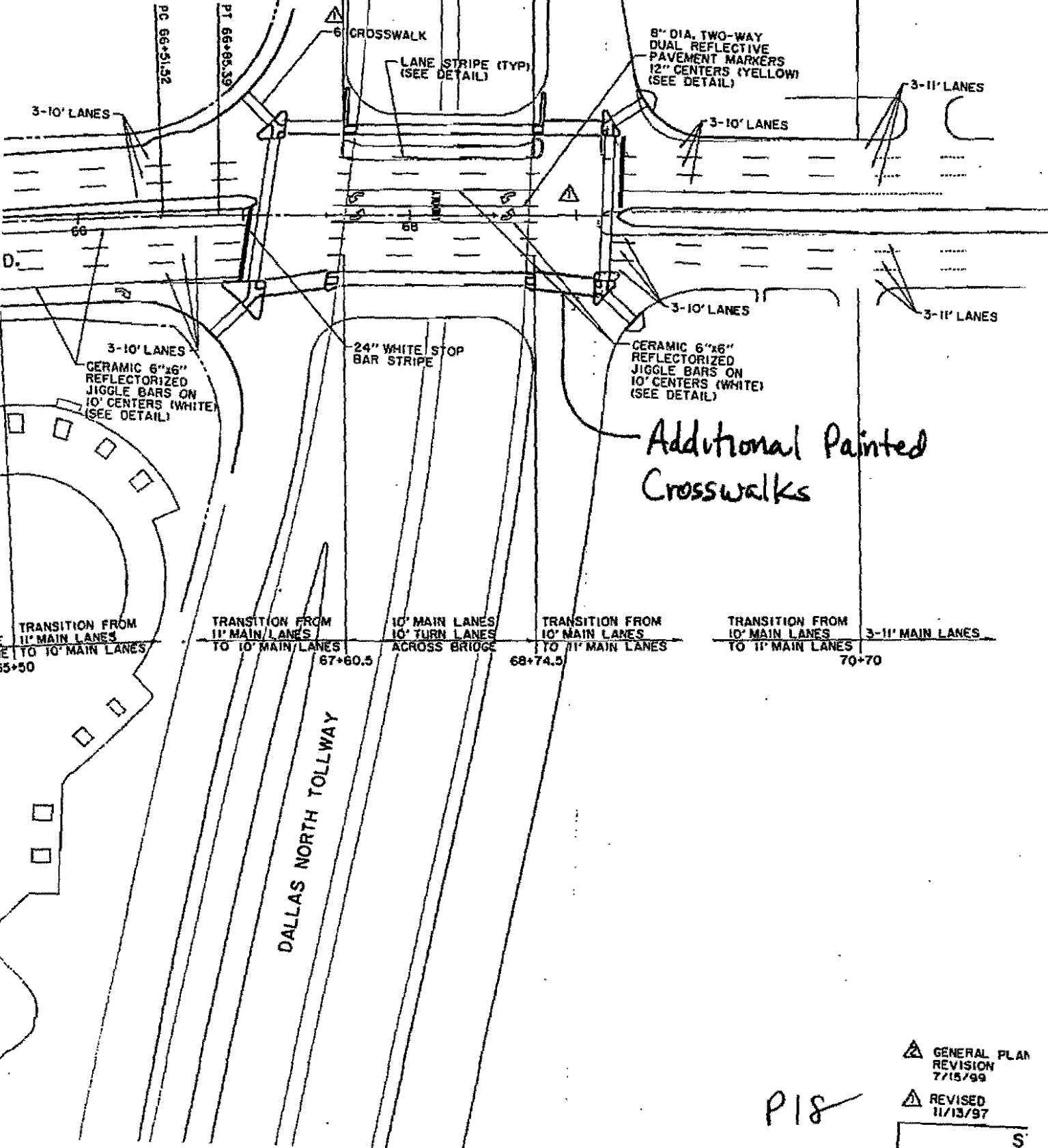
TRANSITION FROM  
10' MAIN LANES  
TO 11' MAIN LANES

TRANSITION FROM  
10' MAIN LANES  
TO 11' MAIN LANES

70+70

67+60.5

68+74.5



Additional Painted  
Crosswalks

▲ GENERAL PLAN  
REVISION  
7/15/99

▲ REVISED  
11/13/97

P18

S  
STA 62

16400 Ledgemont Lane Apt. 608  
Addison, TX 75001  
972/ 931-2061

July 30, 1999

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

**Subject: Damage to auto**

Dear Mr. Weber,

I have not received an answer to my July 20 letter regarding the damage to my auto. My state inspection sticker was about to expire and I had to repair my car to pass inspection. Enclosed is a copy of the bill from Bankston Nissan for the repairs to my car. I am asking for reimbursement for my expenses of \$158.20 (only those expenses directly related to the headlamp). I would appreciate payment within 10 days.

Sincerely,

Dory Melman

 Cc/Jim Pierce



AMERICAN AUTO INS CO  
General Form Status Inquiry  
Our Bond No SCR 1133338191  
07 09 1999

CITY OF ADDISON  
ADDISON

ADDISON , TX 75001

Description: FOR PAVING, STORMWATER, WATER, WASTEWATER, SIGNALIZATION,  
STREETSCAPE AND MISC.

Contractor: BELL, ED INVESTMENTS, INC.

Contract Price 3,940,277 Perf Amt 3,940,277 Eff Date 02 03 1998

Without prejudicing your rights or affecting our liability under our bond, we would appreciate the following information.

1. If contract uncompleted, approximate percentage or dollar amount of contract completed or delivered  
88%

Is work progressing satisfactorily? Yes  No

If no, please explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. If contract completed, please state:

Approximate completion date of work or final delivery date \_\_\_\_\_  
Approximate Acceptance Date \_\_\_\_\_  
Final Contract Price \_\_\_\_\_

3. Do you know of any unpaid bills for labor or material? Yes  No

If yes, please explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature: *J. J. [Signature]* Title: *Asst City Crpy.* Date: *7-21-99*

Please return the original to:

FIREMANS FUND INS CO  
PO BOX 2519  
DALLAS TX 75221 2519

Attention: SURETY DEPT

00159 1 000000 1 1 03G \*  
SURG.N109.A



# LETTER OF TRANSMITTAL

**Public Works / Engineering**  
16801 Westgrove • P.O. Box 144  
Addison, Texas 75001  
Telephone: (214) 450-2871 • Fax: (214) 931-6643

DATE	8-6-99	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Pat Rivera  
Ed Bell Const

- GENTLEMAN:**  
**WE ARE SENDING YOU**
- Attached
  - Under separate cover via \_\_\_\_\_ the following items:
  - Shop Drawings
  - Prints
  - Plans
  - Samples
  - Specifications
  - Copy of letter
  - Change order
  - \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION

- THESE ARE TRANSMITTED as checked below:**
- For approval
  - For your use
  - As requested
  - For review and comment
  - FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_
  - Approved as submitted
  - Approved as noted
  - Returned for corrections
  - \_\_\_\_\_
  - Resubmit \_\_\_\_\_ copies for approval
  - Submit \_\_\_\_\_ copies for distribution
  - Return \_\_\_\_\_ corrected prints
  - PRINTS RETURNED AFTER LOAN TO US

**REMARKS** The City of Dallas has requested that  
the crosswalks in the intersection  
of Arapaho Road & the Tollway be  
Painted 10' wide instead of 6'  
wide as shown on the plans.  
Please comply with this request

**COPY TO** Robert Weber  
Dave Wilde

**SIGNED:** J. Reine

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



**TERRA-MAR, INC.**  
**GEOTECHNICAL ENVIRONMENTAL AND MATERIALS ENGINEERS**  
 DALLAS FORT WORTH HOUSTON LONGVIEW LUBBOCK AUSTIN

11050 Ables Lane, Dallas, Texas 75229 Phone: 972-488-8800

cb

**CONCRETE INSPECTION AND FLEXURAL STRENGTH TEST REPORT**  
**(THIRD POINT LOADING)**

**CLIENT:** Ed Bell Construction  
**PROJECT:** Arapaho Road Improvements  
**REPORT DATE:** 7/23/99  
**TMI REPORT #:** DC98-050-131

**REPORT DISTRIBUTION:**  
 Ed Bell Construction - Doug Teter  
 Huitt-Zollars, Inc. - Kenneth Roberts, P.E.  
 Town of Addison - James Pierce, P.E.  
 Town of Addison - Dave Wilde

**SPECIFICATIONS**

Strength (psi): 650  
 Slump (in.): 5  
 Air Content (%): \_\_\_\_\_  
 Concrete Temp (°F): 90

**PROJECT DATA**

Placement Date: 6/23/99  
 Sampled By: R. Shaheed  
 Weather: Partly Cloudy  
 Supplier/Mix: Lattimore-650 Flex

**FIELD DATA SET #1**

Ticket #: 73110 Time Batched: 9:02 Time Sampled: 10:40  
 Slump (in.): 4 Air Content: 3.2 Unit Weight (pcf): \_\_\_\_\_  
 Conc. Temp. (°F): 90 Ambient Temp. (°F): 83 Yardage (c.y.): 9 yds  
 Sample Location: East bound turning lane @ tollway/Arapaho; west of toll 50ft. West  
 Remarks: Paving

**FIELD DATA SET #2**

Ticket #: 73141 Time Batched: 12:32 Time Sampled: 1:47  
 Slump (in.): 4.5 Air Content: 2.3 Unit Weight (pcf): \_\_\_\_\_  
 Conc. Temp. (°F): 93 Ambient Temp. (°F): 89 Yardage (c.y.): 9 yds  
 Sample Location: East bound turning lane @ tollway/Arapaho; west of toll 150ft West  
 Remarks: Paving

**CONCRETE COMPRESSION TEST RESULTS**

BEAMS MOLDED AND CURED PER ASTM C31, TESTED PER ASTM C78

Set #	Beam #	Test Date	Age (Days)	Max. Load (lbs)	Average Depth, D	Average Width, B	Modulus of Rupture (psi)	Notes
1	AR062301	6/30/99	7	7140	6.00	6.10	595	*Does not meet specifications
2	AR062301	6/30/99	7	7560	6.00	6.10	630	*Does not meet specifications

- (1) SPAN LENGTH OF 18 INCHES, UNLESS NOTED ABOVE.
- (2) SPECIMENS GROUND PRIOR TO TESTING, LEATHER SHIMS USED DURING TESTING.
- (3) TEST RESULTS COMPLY WITH PROJECT SPECIFICATIONS UNLESS INDICATED IN NOTES.
- (4) FIELD TESTS ARE PER APPLICABLE ASTM STANDARDS: C138, C143, C172, C231

Note: This report is for the exclusive use of the Client addressed. This report may not be reproduced except in its entirety, without the written consent of TMI. Results apply only to above tests.

*Gregory L. Jones*  
 TERRA-MAR, INC.

## Jim Pierce

---

**From:** Ron Lee  
**Sent:** Friday, July 30, 1999 1:53 PM  
**To:** Jim Pierce  
**Cc:** Dave Wilde  
**Subject:** Arapaho Project

Pat still has not mowed the turf in the medians. I talked with Slade after Pat told me it was not in his contract and he was not going to mow it and Slade said that we would not accept the grass until it was weed free, lush, full, healthy and mowed, weedeated and edged. FYI.

*Ron Lee*

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Tim Beidelman

From: James C. Pierce, Jr., P.E., DEE

Company: SW Bell

Assistant City Engineer

Phone: 972/450-2879

FAX #: 972-234-7062

FAX: 972/450-2834

7085

Date: 7-27-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 3

Re: Arapaho Rd Project

Original in mail

Per your request

FYI

Call me

Comments: \_\_\_\_\_

*Tim - I originally faxed  
this to Bob. can you help?*

*Jim*

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Bob Sands

From: James C. Pierce, Jr., P.E., DEE

Company: SW Bell

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2834

FAX #: 972-234-7062

Date: 7-26-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 2

Re: Arapaho Rd Project

Original in mail

Per your request

FYI

Call me

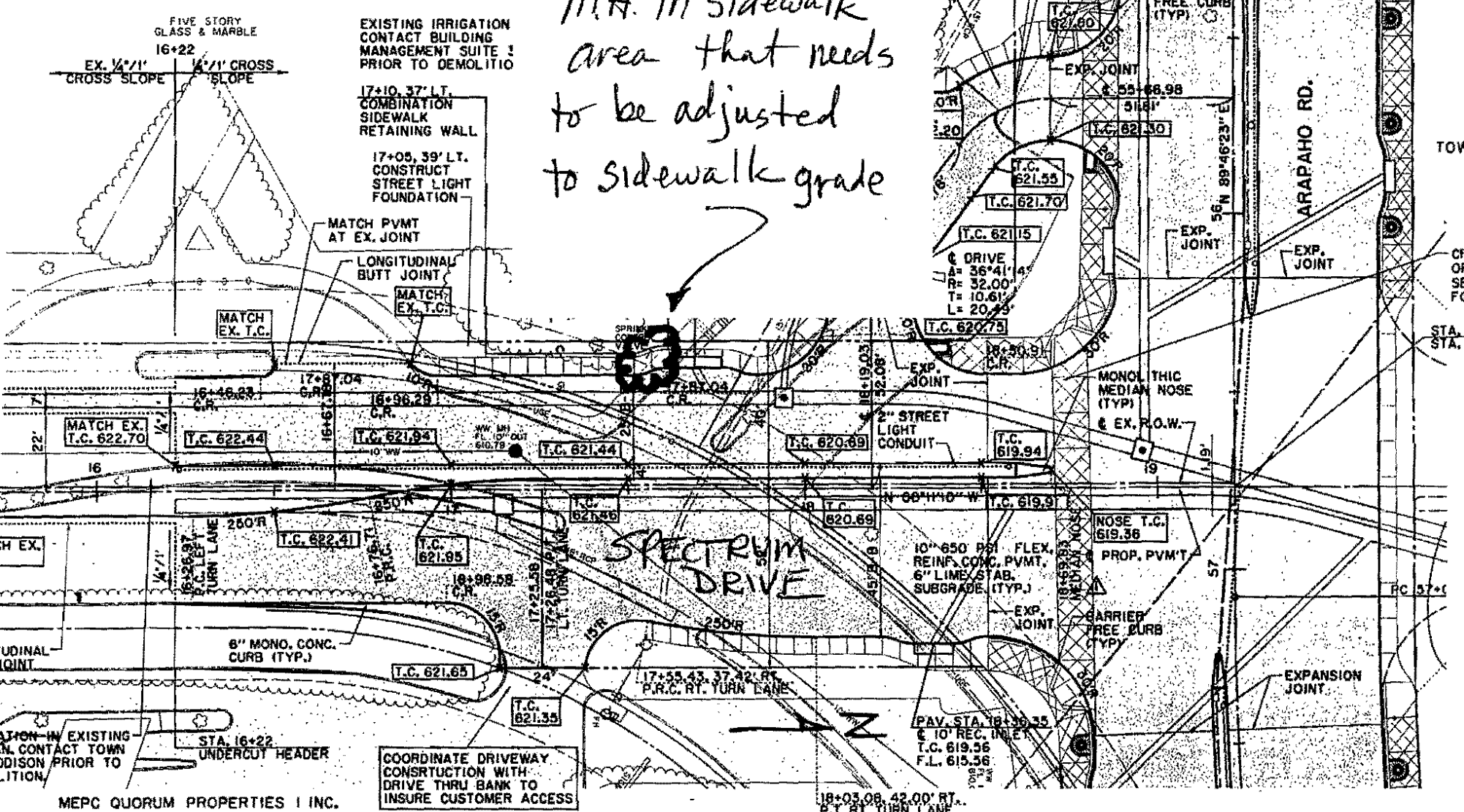
Comments: The attached sketch shows  
the location of a manhole (services  
Carri America) that needs to be raised  
up to our sidewalk grade. Sidewalk  
is under const. now. Can you  
get it raised up or outsource our  
contractor to do so? please call

Jim

Phone Drops?

972-  
234-  
7084

Location of M.H. in sidewalk area that needs to be adjusted to sidewalk grade



SEE S LANDS PAVEN

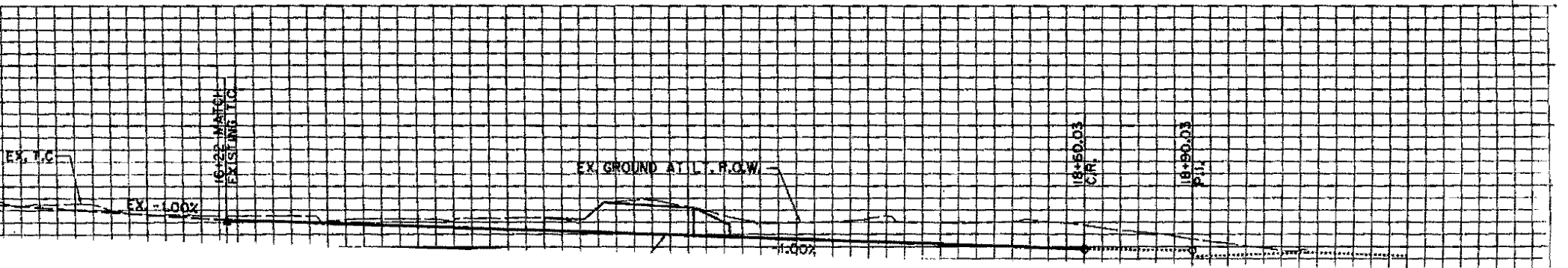
TOWN OF AD

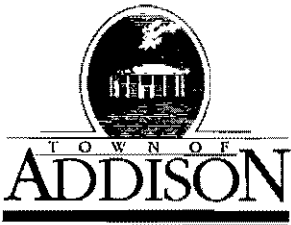
CROSSWALK OF SPECIAL SEE STREET FOR DETAIL

STA. 19+22.03  
STA. 56+76.73

- ELI
- C
- PP
- TEL
- TEL
- MA
- W
- TS
- GM
- DS
- PA
- n
- J.R.
- WAS
- WV
- 101
- CO

MEPC QUORUM PROPERTIES I INC.





# LETTER OF TRANSMITTAL

## Public Works / Engineering

16801 Westgrove • P.O. Box 144  
Addison, Texas 75001

Telephone: (214) 450-2871 • Fax: (214) 931-6643

TO Ken Roberts  
Heath Zellers

DATE	7-23-99	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

### GENTLEMAN:

#### WE ARE SENDING YOU

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Shop Drawings  | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items:                            |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Prints              | <input type="checkbox"/> Plans <input type="checkbox"/> Samples <input type="checkbox"/> Specifications |
|   | <input type="checkbox"/> Change order        | <input type="checkbox"/> _____  |

COPIES	DATE	NO.	DESCRIPTION
1			Video Tape of Flow Test Arapaho @ Quorum

### THESE ARE TRANSMITTED as checked below:

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> For approval              | <input type="checkbox"/> Approved as submitted            | <input type="checkbox"/> Resubmit _____ copies for approval   |
| <input type="checkbox"/> For your use              | <input type="checkbox"/> Approved as noted                | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested              | <input type="checkbox"/> Returned for corrections         | <input type="checkbox"/> Return _____ corrected prints        |
| <input type="checkbox"/> For review and comment    | <input type="checkbox"/> _____                            |   |
| <input type="checkbox"/> FOR BIDS DUE _____ 19____ | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US |   |

REMARKS Please view (copy if you like) and  
Courier to Robert Weber @ Ed Bell

Thanks

COPY TO \_\_\_\_\_

SIGNED: Jim Peier

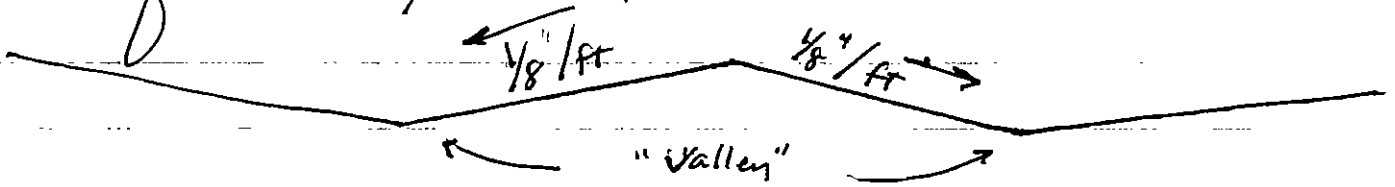
If enclosures are not as noted, please notify us at once.

Arapaho Rd

7-26-99

Rec'd call from Ken Roberts & Aubrey Adcock re the flow test tape I sent them.

They do not think the intersection was built as per plans. Plan sheet P-5, Sta 50+50 calls for  $\frac{1}{8}$ " per foot cross slope, North and South thru the intersection with Quorum, that extends across Quorum

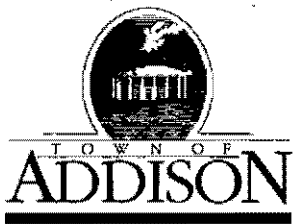


Exaggerated X section thru  
Arapaho @ Quorum, Looking East

Intersection may have to be rebuilt, as contractor's obligation is to build according to the plans.

As-built of what was built is needed. H.Z. will send tape to Robt Weber with a letter requesting an as-built.

J.P.



# LETTER OF TRANSMITTAL

## Public Works / Engineering

16801 Westgrove • P.O. Box 144

Addison, Texas 75001

Telephone: (214) 450-2871 • Fax: (214) 931-6643

DATE	7-20-99	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Joel Renand  
Dallas Pub Wks & Trans.

### GENTLEMAN:

#### WE ARE SENDING YOU

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items:                            |
| <input type="checkbox"/> Shop Drawings       | <input type="checkbox"/> Plans <input type="checkbox"/> Samples <input type="checkbox"/> Specifications |
| <input type="checkbox"/> Copy of letter      | <input type="checkbox"/> Change order <input type="checkbox"/> _____                                    |

COPIES	DATE	NO.	DESCRIPTION
1			Sheet P-18 Revised 7-15-99
1			Sheet P-19 Revised 7-15-99

### THESE ARE TRANSMITTED as checked below:

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> For approval              | <input type="checkbox"/> Approved as submitted    | <input type="checkbox"/> Resubmit _____ copies for approval   |
| <input checked="" type="checkbox"/> For your use   | <input type="checkbox"/> Approved as noted        | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested              | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints        |
| <input type="checkbox"/> For review and comment    | <input type="checkbox"/> _____                    | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US     |
| <input type="checkbox"/> FOR BIDS DUE _____ 19____ | <i>Bridge Lane Modifications</i>                  |   |

### REMARKS

Joel: We are getting ready to stripe the project. There are no significant changes from what you had before. However, there were some signs in the intersection that were removed, that you may or may not want put back. Please review the intersection from a sign standpoint.

### COPY TO

Thanks,

### SIGNED:

*Jim Lee*

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

972-450-2879





**Public Works / Engineering**

16801 Westgrove • P.O. Box 144  
 Addison, Texas 75001  
 Telephone: (214) 450-2871 • Fax: (214) 931-6643

LETTER OF TRANSMITTAL

DATE	7-19-99	JOB NO.
ATTENTION		
RE:	Arapaho Road	

TO Pat Rivera  
Ed Bell Const

**GENTLEMAN:**

**WE ARE SENDING YOU**

- Attached
- Under separate cover via \_\_\_\_\_ the following items:
- Shop Drawings
- Prints
- Plans
- Samples
- Specifications
- Copy of letter
- Change order
- \_\_\_\_\_

*Revision*

COPIES	DATE	NO.	DESCRIPTION
2	7-15-99		1/2 Size Revised Striping Plans Sheets P16 thru P19
2	7-15-99		Full Size of above

**THESE ARE TRANSMITTED as checked below:**

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_\_
- Approved as submitted
- Approved as noted
- Returned for corrections
- \_\_\_\_\_
- Resubmit \_\_\_\_\_ copies for approval
- Submit \_\_\_\_\_ copies for distribution
- Return \_\_\_\_\_ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

REMARKS Please stripe the job in accordance  
with the above.

COPY TO Dave Wilde  
Robin Jones, C. Mitchell  
Robert Weber

SIGNED: [Signature]

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

HUITT-ZOLLARS, INC.  
 3131 McKinney Avenue, Suite 600  
 DALLAS, TEXAS 75204

LETTER OF TRANSMITTAL

(214) 871-3311

DATE	July 16, 1999	JOB NO.	01-1772-01
ATTENTION	Jim Pierce		
RE:	Argus Road		

TO Town of Addison - Engineering  
P.O. Box 144  
Addison, Texas 75001

WE ARE SENDING YOU  Attached  Under separate cover via Mail the following items:

- Shop drawings     Prints     Plans     Samples     Specifications  
 Copy of letter     Change order     \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
5			Striping Plans - Full Size
1			Striping Plans - Half Size
1			Median Areas measured in square yards at the Tollway

THESE ARE TRANSMITTED as checked below:

- For approval     Approved as submitted     Resubmit \_\_\_\_\_ copies for approval  
 For your use     Approved as noted     Submit \_\_\_\_\_ copies for distribution  
 As requested     Returned for corrections     Return \_\_\_\_\_ corrected prints  
 For review and comment     \_\_\_\_\_  
 FOR BIDS DUE \_\_\_\_\_ 19 \_\_\_\_\_     PRINTS RETURNED AFTER LOAN TO US

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

COPY TO \_\_\_\_\_ SIGNED: Ken Roberts

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

Median Area  
Measurements  
by Haitt Zollars  
7-16-99

cc Pat ✓  
Dave ✓

PC 66+51.52

PT 66+85.39

Total  
79.5 SY



6' CROSSWALK

LANE STRIPE (TYP)  
(SEE DETAIL)

8" DIA. TWO-WAY  
DUAL REFLECTOR  
PAVEMENT MARKING  
12" CENTERS (SEE DETAIL)

3-10' LANES

18.6 SY

3-10'

10.7 SY

66

68

LANE ONLY

12.4 SY

3-10' LANE

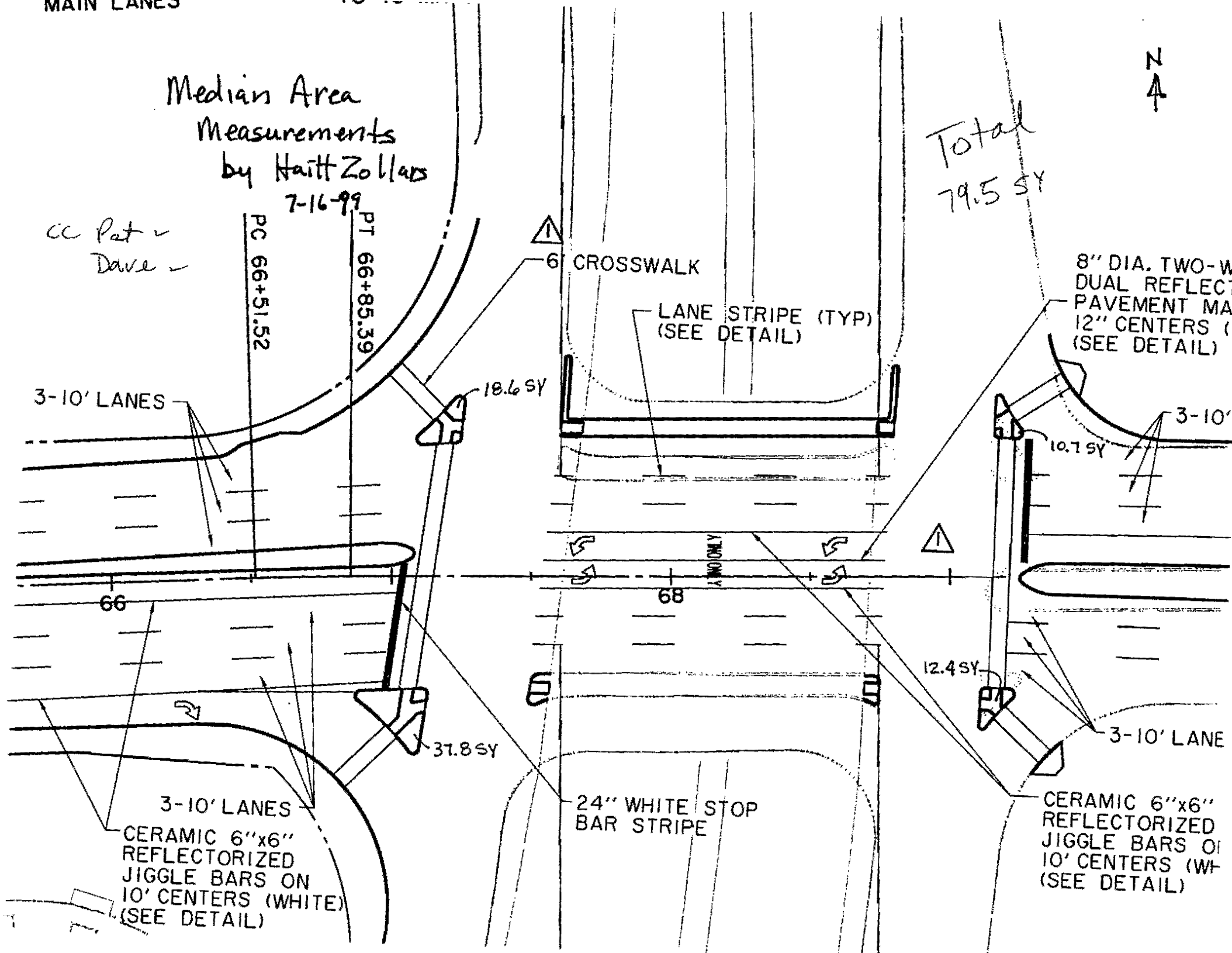
37.8 SY

3-10' LANES

CERAMIC 6"x6"  
REFLECTORIZED  
JIGGLE BARS ON  
10' CENTERS (WHITE)  
(SEE DETAIL)

24" WHITE STOP  
BAR STRIPE

CERAMIC 6"x6"  
REFLECTORIZED  
JIGGLE BARS ON  
10' CENTERS (WHITE)  
(SEE DETAIL)



equipment and incidentals necessary for a complete in-place gate installation.

## ITEM 8.15. RIPRAP

**8.15.1. DESCRIPTION:** This section shall cover work consisting of riprap or reinforced concrete slope protection; all complete in-place in conformity with the lines, grades and details shown on the plans and in accordance with these specifications. Riprap shall be used for slope, bank and ditch bottom protection; and for erosion control at the ends of pipes and structures; and at other designated locations.

**8.15.2. MATERIALS:** Materials used in the performance of the work herein specified shall conform to the requirements of Division 2, "Materials," of these specifications as shown on the plans.

**8.15.3. CONSTRUCTION METHODS:** The slopes and other areas to be protected shall be compacted and dressed to the line and grade shown on the plans prior to the placing of riprap. Broken concrete or stones may be used for any of the construction listed below.

(a) **Dry Riprap.** The stones shall be placed in a single layer with close joints. The upright axis of the stones shall make an angle of approximately 90 degrees with the embankment slope. The courses shall be placed upwardly from the bottom of embankment, the larger stones being placed in the lower courses. Open joints shall be filled with spalls. Stones that project more than the allowable amount in the finished work shall be replaced, embedded deeper or chipped. Dry riprap Type B differs from dry riprap type A only in that a toe wall of concrete, having dimensions and reinforcement as shown on the plans, shall be used.

**Dry Riprap, Type C and Type D.** Stones having one broad flat surface shall be used when possible, this surface being placed on a horizontal earth bed prepared for it and so placed as to overlap the underlying course, the intent being to secure a lapped or "shingled" surface. These stones shall be placed first and roughly arranged in close contact. The spaces between the large stones then shall be filled with stone of suitable size so placed as to leave the surface evenly stepped, conforming to the contour required, and capable of shedding water to the maximum degree practicable. Dry riprap Type D differs from Dry riprap Type C only in that a toe wall of concrete, having dimensions and reinforcement as shown on the plans, shall be used.

(b) **Grouted Riprap, Type A and Type B.** The stones shall be placed in the same manner as specified in (a) preceding for Dry Riprap, Type A and Type B, with care being taken to prevent earth or sand from filling the spaces between the stones. After the stones are in place, the stones shall be wetted thoroughly, and the spaces between the stones shall be completely filled with grout. The surface of the riprap shall be swept with a stiff broom after grouting. No riprap shall be grouted in freezing weather. The work shall be protected from the sun and kept moist for at least three days after grouting. Grouted riprap Type B

ken concrete shall be as nearly uniform in section as practicable.

Materials for concrete, grout and mortar shall conform to the requirements of these specifications. Concrete shall be of the class shown on the plans. Mortar and grout required for the several types of riprap shall consist of one part of portland cement and three parts of sand, thoroughly mixed with water. Mortar shall have a consistency such that it can be handled easily and spread by trowel. Grout shall have a consistency such that it shall flow into and completely fill all joints.

Bar reinforcement shall conform to the requirements of the Item 2.2.6., "Steel Reinforcement."

Wire reinforcement shall consist of welded fabric meeting the requirements of ASTM Designation A-185.

Premolded expansion joint material shall conform to the requirements of Item 3.7.6., "Concrete Structures."

Individual riprap material shall have a minimum thickness of 4" (10.0 cm); and minimum surface dimensions of 12" by 24" (30 cm by 60 cm). Smaller fragments may be used only to fill the voids between the above minimum size of riprap materials.

### (2) Field Stone and Quarry Stone.

**Dry Riprap, Type A and Type B:** Unless otherwise specified, all stones used in these types of riprap shall weigh between 50 and 150 pounds (1.36 kg to 68.1 kg) each, and at least 60 percent of the stones shall weigh more than 100 pounds (45.4 kg) each. The stones shall be placed in a single layer with close joints. The upright axis of the stones shall make an angle of approximately 90 degrees with the embankment slope. The courses shall be placed from the bottom of the embankment upwardly, the larger stones being placed in the lower courses. Open joints shall be filled with spalls. Stones that project more than the allowable amount in the finished work shall be replaced, embedded deeper or chipped. Dry riprap Type B differs from dry riprap Type A only in that a toe wall of concrete, having dimensions and reinforcement as shown on the plans, shall be used.

**Dry Riprap, Type C and Type D:** Stones having one broad flat surface shall be used when possible, this surface being placed on a horizontal earth bed prepared for it and so placed as to overlap the underlying course, the intent being to secure a lapped or "shingled" surface.

Fifty percent of the mass shall be of stones weighing between 100 and 150 pounds (45.4 kg to 68.1 kg) each. These stones shall be placed first and arranged roughly so as to be in close contact. The spaces between the large stones then shall be filled with stones of suitable size so placed as to leave the surface evenly stepped, conforming to the contour required, and capable of shedding water to the maximum degree practicable.

Dry riprap Type D differs from dry riprap Type C only that a toe wall of concrete, having dimensions and reinforcement as shown on the plans, shall be used.

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Rene Rodriguez

From: James C. Pierce, Jr., P.E., DEE

Company: DART

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2834

FAX #: 214-749-3664

Date: 7-16-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Addison Transit Center

Original in mail

Per your request

FYI

Call me

Comments: Rene: There are 2 items I would like to bring to your attention:

1. There is a pile of concrete rubble at the west side of the site, near Addison Road, that needs to be cleaned up.

2. Ed Bell Construction has constructed enough of the sidewalk at the N.E. Corner of the site such that the brick sidewalk, leading to & from the transit center, can be completed. Your sidewalk is somewhat lower than ours, so a small amount of rework will be required.

Thanks for your attention to these matters.

cc Dave wilde

Jim

# Arapaho Rd Const Meeting

7-15-99

1. Clean-up. - Effort is needed.  
Will begin in approx one week.  
Completion expected by the end of July.
2. TXU - Excuses, Excuses. Scheduler on vacation, don't have the right size cable.
3. Need to meet with Summerfield Suites to coordinate irrigation. Pat will meet with them.
4. Change Order #6 - needs to be signed & returned to JEP.  
36 Station controller has been ordered 7/14  
Pier must be poured for mast arm.
- ✓ 5. Striping & Pavement Markings plan -  
We are making some revisions. Eliminating some turn arrows and adding some buttons. Will furnish revised plans.
- ✓ 6. Request has been made to relocate guy wire @ Arapaho & Toll Rd.

7. Phone lines were due to be installed July 7<sup>th</sup> @ Quorum & Arupako for Signals & Irrigation controller.  
Are they there? Yes

8. Status of Telephone Service for controllers @ Edwin Lewis & Addison Rd.  
In progress

✓ 9. One extra pallet of Brick reg'd for each type of Brick.

✓ 10. Irregular drainage pattern @ Arupako & Quorum. Contractor's approach to investigation & solution.

Need to flow test

1<sup>st</sup> thing Fri AM

11. Status of installation of irrigation @ additional landscaped areas  
approx. 2 weeks out

Arapaho Road Const. Meeting 7-15-99

Sign In Sheet

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Peice	Addison	972-450-2879
James P. Rivera	ED Bell	214-507-4916
Dave WILDE	Addison	972-450-2847



Complaint - Relayed from 7-8-99  
Ben Sermones, Dallas, 214-948-4688

@ Car Armp & Tollway

SE corner - Filling Station

Disturbing Landscape, Sprinkler Syst  
(Barrier Free Ramp)

Had talked to Contractor -

Contact:

Amy

972-841-1340 -

cell phone

TOWN OF

**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Joel Renaud

From: James C. Pierce, Jr., P.E., DEE

Company: Dallas P.W. & Trans.

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2834

FAX #: 214-670-3800

Date: 7-8-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 2

Re: Arapaho Rd

Original in mail

Per your request

FYI

Call me

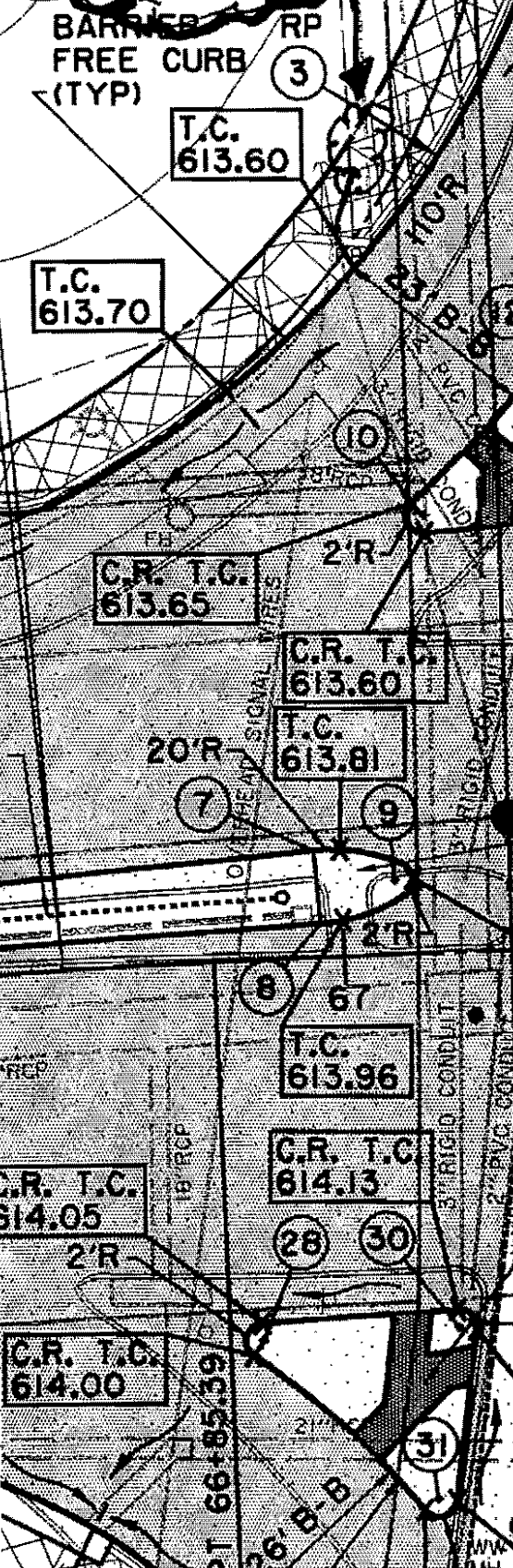
Comments: The attached drawing shows a  
signal pole guy wire located in our  
sidewalk area. Can this guy wire  
be moved? We have it "blocked out"  
right now. Please advise. Jim

cc Pat

Dave

TRAFFIC SIGNALS AT THE ARAPAHO ROAD AND DALLAS PARKWAY ARE OWNED AND OPERATED BY THE CITY OF DALLAS. CONTACT THE CITY OF DALLAS AT A MINIMUM OF 72 HOURS BEFORE ANY MODIFICATIONS AT THIS LOCATION. CONTACT: STEVE CHERRHOLMES 214-522-1234

Guy Wire to be moved



MATCH EX. PVMT 612.80

LONGITUDINAL BUTT JOINT

SAWCUT

C.R. T.C. 613.25

MATCH EX. PVMT 613.15

MATCH EX. PVMT 613.20

C.R. T.C. 613.65

C.R. T.C. 613.60

C.R. T.C. 613.69

T.C. 613.81

NOSE T.C. 613.64

T.C. 613.96

C.R. T.C. 614.13

BARRIER FREE WALK (TYP)

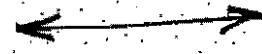
C.R. T.C. 614.00

MATCH EX. PVMT 613.67

MATCH EX.

650 PSI FLEX CONC. ISLAND. EXTEND ALL PVC & RIGID INTO NEW ISLAND

Arapaho Rd



N 87°35'37" E

EXISTING ARMOR JOINT

EX. 8' F-F

EX. 20' F-F

Y

Arapaho

7-8-99

Meeting with Robin, Mitch, Dave & Jeff

Speed Limit Signs

No Parking on this Street Signs

Set 34 All signs that were removed must be replaced with temp signs -

H.Z.

Toll Rd Recommendation (Lanes Narrow)

Dropped lane @ Duornun  
Signage & Spacing

Admission Rd

Spacing for arrows in the turn lanes  
on the pavement

Storage -  
150' - one arrow

Dimension - Line up with other areas?

DART?

Edwin Lewis - One Lane Left

2 lefts, 2 rights, O.K. } →

taken 7-14-99

Let Ken  
know on  
Admission Rd @  
Arapaho  
Rt turn  
lanes.

*Pat*

*11*

5. BID SCHEDULE D – SIGNALIZATION IMPROVEMENTS, Page 10 of 14, Bid Item No. 439: Change the first word of the Item Description from “Install” to “Furnish”. This item is for the purchase of the material to be installed under Item No. 438. The Town has established a budget for the purchase of the computer and will specify the requirements of the computer when the time comes to make the purchase.
6. BID SCHEDULE D – SIGNALIZATION IMPROVEMENTS, Page 11 of 14, Bid Item No. 442: This item is for the purchase of the material to be installed under Item No. 443. The Town has established a budget for the purchase of the TV monitor and will specify the requirements of the monitor when the time comes to make the purchase.
7. BID SCHEDULE D – SIGNALIZATION IMPROVEMENTS, Page 12 of 14, Bid Item No. 443: This item is for the labor to install the TV monitor purchased under bid Item No. 442. *Brick Pavers*  
*Quorum Drive Brick Sidewalk Pavers*  
*Double Row Brick Band Brick*
8. BID SCHEDULE E – HARDSCAPE/LANDSCAPE IMPROVEMENTS, Bid Item No’s. 501, 504 & 505: This item shall include supplying and delivering to the Town of Addison Service Center one pallet of bricks (approximately 500 bricks) for each color and type of brick used on the project. The cost associated with the extra bricks shall be subsidiary to these items.
9. BID SCHEDULE E – HARDSCAPE/LANDSCAPE IMPROVEMENTS, Bid Item No’s. 502, 503 & 506: This item shall include the use of crushed white limestone as specified in Technical Specification Section 03300 Cast-In-Place Concrete/Sidewalks, Part 2 – Products, Materials, Normal Weight Aggregates.
10. BID SCHEDULE E – HARDSCAPE/LANDSCAPE IMPROVEMENTS, Bid Item No. 505: This item shall include the use of a custom colored mortar to be used in the joints between the brick pavers. The Landscape Architect and Town of Addison will select the color of the mortar to be used prior to installation of the brick pavers. The double row brick band shall be set on a 1 ¼ inch sand setting bed.
11. BID SCHEDULE E – HARDSCAPE/LANDSCAPE IMPROVEMENTS, Bid Item No. 521: Change the Bid Quantity from “123” each to “125” each.
12. BID SCHEDULE E – HARDSCAPE/LANDSCAPE IMPROVEMENTS, Bid Item No. 522: Change the Bid Quantity from “114” each to “132” each.
13. BID SCHEDULE E – HARDSCAPE/LANDSCAPE IMPROVEMENTS, Bid Item No. 524: This item includes 6 inches of topsoil placed under the proposed Bermuda sod. The topsoil shall be tilled into the soil below a minimum of 4 inches deep. Backfill in the medians under the proposed topsoil shall consist of friable native material free of rocks and debris.

calling 7/9 Referred to Ed Bell Const  
K. Decker

**IMPORTANT MESSAGE**

FOR Jim  
DATE 7/8/99 TIME 3:41 A.M.  
M Dori Melman  
OF \_\_\_\_\_  
PHONE 972 931 2061  
AREA CODE NUMBER EXTENSION  
 FAX  
 MOBILE  
AREA CODE NUMBER TIME TO CALL

TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL	<input checked="" type="checkbox"/>
CAME TO SEE YOU	<input checked="" type="checkbox"/>	WILL CALL AGAIN	<input checked="" type="checkbox"/>
WANTS TO SEE YOU	<input type="checkbox"/>	RUSH	<input type="checkbox"/>
RETURNED YOUR CALL	<input type="checkbox"/>	WILL FAX TO YOU	<input type="checkbox"/>

MESSAGE \_\_\_\_\_  
driving on Arapaho +  
orange thing fell over  
+ broke a light on her car  
who can she talk to about  
getting it fixed?

SIGNED Alyssa

**Jim Pierce**

**From:** John Godley Jr  
**Sent:** Wednesday, June 23, 1999 11:13 AM  
**To:** Jim Pierce  
**Cc:** Alyssa Hernandez; Mark Acevedo; Ron Lee  
**Subject:** RE: Telephone Svc for Signals at Quorum & Arapaho

Jim,

SW Bell has just confirmed the three telephone lines that you requested will be installed on 7/7/99 and they will be calling Alyssa to have Mitch open the controller box for terminations. The telephone lines are as follows;

972-774-1701 & 972-774-1836 for traffic signal use  
972-774-1963 for irrigation controller

Billing has been set up on the town's main account and noted by department. Let me know if I can be of further help.

*John Godley*  
*Building Services*

-----Original Message-----

**From:** Jim Pierce  
**Sent:** Friday, June 18, 1999 3:14 PM  
**To:** John Godley Jr  
**Subject:** FW: Telephone Svc for Signals at Quorum & Arapaho

John -- Can you help? Jim.

-----Original Message-----

**From:** Jim Pierce  
**Sent:** Friday, June 18, 1999 3:11 PM  
**To:** Mark Acevedo  
**Subject:** FW: Telephone Svc for Signals at Quorum & Arapaho

Mark: I have also ordered a dial tone line for a new irrigation controller. Please advise how billing should be set up. Jim.

-----Original Message-----

**From:** Jim Pierce  
**Sent:** Friday, June 18, 1999 3:06 PM  
**To:** Mitchell  
**Subject:** Telephone Svc for Signals at Quorum & Arapaho

SWBell wants to know if we want "Dry Lines" (no dial tone) or dial tone lines for our signals. Jim.

cc Mitch  
Slade  
Ron Lee

Dave -

6-25-99

While I am gone please set up a meeting with Bob Sands and Johnnie (let Pat know) to discuss telephone service to our controllers.

Service has been set up for the Quorum Intersection. At Edwin Lewis & Arapaho and Addison & Arapaho, we need 2 telephone lines brought into our signal controller boxes. These lines are needed to interrogate the controllers and get video back to the Service Center. Mitch knows about this and what we need also.

The trick will be how to physically get the wire in there. Any of our conduit runs (between ~~and~~ signal poles) and pull boxes can be used to run the telephone lines through.

Once you meet with Bob Sands, let Mark Acevedo know and he will set up the billing.

Address for service:

Addison & Arapaho - 15300 Addison Rd  
Edwin Lewis & Arapaho - 4898 Arapaho Rd.

Bob Sands - 972-234-7084

Johnnie / Mel's Office 214-565-1074

Mobile 214-766-3136

cc Mark, John Godley 7-15-99

Thanks, Jim



Arapaho.

6-25-99

Meeting with Mike Fiske, Robin, Mitch & Jeff.

Hardware coming Monday for video-detection  
Mon - Tues - set it up.

Can run off accurate clocks to get  
progression on Arapaho.

Rec. Hardware interconnect for future -  
© Each controller, need  
2 phone lines - 1 video, 1 controller

Consider a master controller & new modem  
at other locations

Master Controller - \$2,800 - Mike will send  
Robin a quote.

Use spare cabinet @ E. Lewis & Quorum  
to "tie into the Arapaho System".

Order 2 phone lines for each controller

52 + 50

40 + 50

---

12

interconnect between  
address of Quorum.

E. Lewis Rd.

Address Rd.

Next - Put controller in @ E.L. & Quor  
Pull wire into interconnect  
conduit.

**Jim Pierce**

**From:** Jim Pierce  
**Sent:** Wednesday, June 23, 1999 3:24 PM  
**To:** Mitchell  
**Subject:** FW: Telephone Svc for Signals at Quorum & Arapaho

Mitch: FYI. Jim.

## -----Original Message-----

**From:** John Godley Jr  
**Sent:** Wednesday, June 23, 1999 11:13 AM  
**To:** Jim Pierce  
**Cc:** Alyssa Hernandez; Mark Acevedo; Ron Lee  
**Subject:** RE: Telephone Svc for Signals at Quorum & Arapaho

Jim,

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972-774-1963 for irrigation controller

Billing has been set up on the town's main account and noted by department. Let me know if I can be of further help.

*John Godley*

*Building Services*

## -----Original Message-----

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**Sent:** Friday, June 18, 1999 3:14 PM  
**To:** John Godley Jr  
**Subject:** FW: Telephone Svc for Signals at Quorum & Arapaho

John - Can you help? Jim.

## -----Original Message-----

**From:** Jim Pierce  
**Sent:** Friday, June 18, 1999 3:11 PM  
**To:** Mark Acevedo  
**Subject:** FW: Telephone Svc for Signals at Quorum & Arapaho

Mark: I have also ordered a dial tone line for a new irrigation controller. Please advise how billing should be set up. Jim.

## -----Original Message-----

**From:** Jim Pierce  
**Sent:** Friday, June 18, 1999 3:06 PM  
**To:** Mitchell  
**Subject:** Telephone Svc for Signals at Quorum & Arapaho

SWBell wants to know if we want "Dry Lines" (no dial tone) or dial tone lines for our signals. Jim.

FAX (214) 352-3201

TELEPHONE (214) 358-6581

**ED BELL CONSTRUCTION COMPANY**

POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-0787

10805 HARRY HINES  
DALLAS, TEXAS 75220

June 14, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

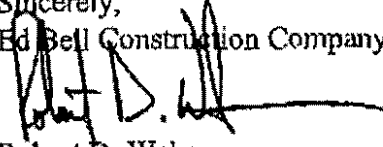
Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Mr. Pierce:

It is our understanding that the Town of Addison has requested that the signal foundation and mast arm pole designated for future installation at the intersection of Arapaho and Addison Roads be installed on this contract. This signal pole is designated as a 30' pole with a 48' mast arm with a T-base and a powder coated finish. The pole will be mounted on a TY 30-B foundation and should be paid utilizing the existing pay item. Our price for this signal pole and mast arm is \$7,800.00 and reflects an price increase since the time this project was bid.

Please add an additional ten calendar days to the project duration to complete this work. If you have any questions regarding this issue, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company

  
Robert D. Weber  
Project Engineer

*Gave verbal OK  
on this  
6-17-99  
will process a  
change order*

*6-15-99  
We do not have a pay  
item for a 30' pole with  
a 48' mast arm. This  
must be a change order.*

**ED BELL CONSTRUCTION COMPANY**  
**P.O. BOX 540787**  
**DALLAS, TX 75354-0787**

**FACSIMILE TRANSMITTAL SHEET**

TO: <i>Jim Pierce</i>	FROM: <i>Robert D. Weber</i>
COMPANY: <i>Town of Addison</i>	DATE: <i>14 Jun 99</i>
FAX NUMBER: <i>(972) 450-2837</i>	TOTAL NO. OF PAGES INCLUDING COVER: <i>2</i>
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE:	YOUR REFERENCE NUMBER:

URGENT     FOR REVIEW     PLEASE COMMENT     PLEASE REPLY     PLEASE RECYCLE

NOTES/COMMENTS:

(214) 358-6581 VOICE    (214) 352-3201 FAX



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

June 22, 1999

Mr. Pat Rivera, Project Coordinator  
Ed Bell Construction  
P.O. Box 540787  
Dallas, TX 75354-0787

Re: Arapaho Road Additional Landscaped Areas

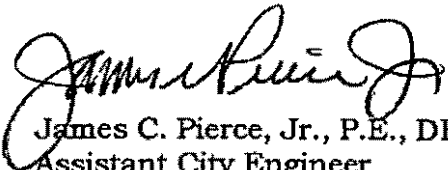
In response to Robert Weber's letter of June 14, 1999, the irrigation work in the additional landscaped areas along Arapaho Road, and in the median in Spectrum Drive, shall be accomplished and paid for by extension of contract quantities. The Hunter rotor heads shall be furnished by the Town for installation by the contractor. The contractor shall be paid for installing the rotor heads as per Item No. 531 of the contract.

We believe the price to upgrade the controller from a 12 station to a 36 station is too high. Robert stated he was working with the subcontractor to reduce the price. I asked Robert to get the controller ordered, and stated we would prepare a change order for a reasonable price to upgrade the controller.

Please give me a call if you have any questions.

Very truly yours,

Town of Addison



James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer

cc: Slade Strickland, Director of Parks and Recreation  
John Baumgartner, Director of Public Works  
Robert Weber, Project Engineer, Ed Bell Construction

**ED BELL CONSTRUCTION COMPANY**POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-078710605 HARRY HINES  
DALLAS, TEXAS 75220

June 14, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Jim:

It is our understanding that the Town of Addison has requested pricing for additional irrigation work at two locations and an upgrade for the irrigation controller. The following prices are provided for your consideration:

1. Additional irrigation work at the northeast corner of the Arapaho Road and Addison Road intersection and along the south side of Arapaho Road between Addison Road and the SW Bell building. This additional work was priced as identified on the April 21, 1999 revision of plan sheet IR-1. Our lump sum price for this work is \$9,740.00 and does not include master valves or flow meters at the new water meter locations.
2. Additional irrigation work in the median on Spectrum Drive south of Arapaho Road. Our lump sum price for this work \$4,030.00 and does not include master valves or flow meters at the new water meter locations.
3. Our price to upgrade the irrigation controller to a 36 station controller is \$1,920.00.

Please add an additional 20 calendar days to the contract for this work. If you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction CompanyRobert D. Weber  
Project Engineer



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

June 22, 1999

Mr. Pat Rivera, Project Coordinator  
Ed Bell Construction  
P.O. Box 540787  
Dallas, TX 75354-0787

Re: Arapaho Road Additional Signal Pole and Mast Arm

In response to Robert Weber's letter of June 14, 1999, we will prepare a change order for \$7,800.00 to furnish and install an additional mast arm and pole, including all appurtenances such as signal heads, pedestrian push buttons and video camera. I requested Robert to order the equipment on June 17, 1999. Please verify that the equipment has been ordered.

Please give me a call if you have any questions.

Very truly yours,

Town of Addison

James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer

cc: John Baumgartner, Director of Public Works  
Robert Weber, Project Engineer, Ed Bell Construction

**ED BELL CONSTRUCTION COMPANY**

POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-0787

10605 HARRY HINES  
DALLAS, TEXAS 75220

June 14, 1999

Mr. James C. Pierce, Jr., P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

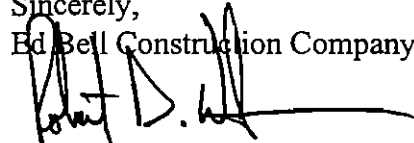
Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Mr. Pierce:

It is our understanding that the Town of Addison has requested that the signal foundation and mast arm pole designated for future installation at the intersection of Arapaho and Addison Roads be installed on this contract. This signal pole is designated as a 30' pole with a 48' mast arm with a T-base and a powder coated finish. The pole will be mounted on a TY 30-B foundation and should be paid utilizing the existing pay item. Our price for this signal pole and mast arm is \$7,800.00 and reflects an price increase since the time this project was bid.

Please add an additional ten calendar days to the project duration to complete this work. If you have any questions regarding this issue, don't hesitate to contact our office.

Sincerely,  
Ed Bell Construction Company



Robert D. Weber  
Project Engineer



6/99

# Quorum North Association

Bill Herbie 214-373-4648

Bruce Birdsong  
Precision Landscape 972-241-3789  
Mobile 214-957-3361



Landscape Management, Inc.

BRUCE BIRDSONG  
PRESIDENT

13337 Bee Street, Farmers Branch, Texas 75234  
(972) 241-3789, Fax (972) 241-6616, plmnc@evans.net  
flzh.net



Landscape Management, Inc.

STEVE WARNEKE  
IRRIGATION DIRECTOR

LI #548  
13337 Bee Street, Farmers Branch, Texas 75234  
(972) 241-3789, Fax (972) 241-6616

6-18-99

Met Bruce and Steve on site. I explained the areas we would be irrigating and "taking over". The meter on N.W. corner of Quorum at Edwin Lewis Drive does not serve any purpose now. The meter could be pulled.

Quorum North has told Bruce that they want to irrigate & maintain the same areas they did before. I was surprised at this. Bruce will get back with Bill Herbie and we should have further conversation about this matter.

CC Slade Strickland, Dave Wilde

J.P.

# Arapaho Road Construction Progress Update.

6-17-99

1. These notes have been prepared in lieu of holding a meeting.
2. Verbal approval was given to Rob Weber for the signal pole & mast arm as per his letter of 6-14-99. A change order will be initiated.
3. Approval was given to Rob Weber to order the 36 station irrigation controller. The price is to be lowered from that quoted in a 6-14-99 letter. Other irrigation work in that letter to be done by extension of quantities, with Rotary heads furnished by the Town & installed by the Contractor, and paid for by the 4" pop-up head item (for installation). The controller will be paid for by a change order.
4. The Town expects its property (used by Ed Bell as a staging area) to be restored by grading to drain and with a vegetative cover. This item is covered by the job specifications (NCTCOG Standard Specifications), Item 1.32.

5. Road paving anticipated to be complete by June 25<sup>th</sup> with the remainder of the work anticipated to be completed by the end of August.
6. TXU has 2 poles remaining in Sidewalk area on Quorum, N. of Arapahoe. Follow up req'd.
7. Attached is a letter from Huitt Zollars regarding their observation of an unusual drainage pattern. A solution needs to be worked out for this issue.
8. Has Sanitary Sewer Manhole been raised @ Colonnade property?
9. Carry forward items list attached.

cc Dave Wilde

Johann

P.S. Bollards inspected by S. Strickland & Johann this date, and approved.

# HUITT-ZOLLARS

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

*cc Pat Rivera 6-17-99*

H:\PROJ\01177201\JP060199.doc



**TERRA-MAR, INC.**  
**GEOTECHNICAL ENVIRONMENTAL AND MATERIALS ENGINEERS**  
 DALLAS FORT WORTH HOUSTON LONGVIEW LUBBOCK AUSTIN

11050 Ables Lane, Dallas, Texas 75229 Phone: 972-488-8800

**CONCRETE INSPECTION AND FLEXURAL STRENGTH TEST REPORT**  
**(THIRD POINT LOADING)**

**CLIENT:** Ed Bell Construction  
**PROJECT:** Arapaho Road Improvements  
**REPORT DATE:** 04/28/99  
**TMI REPORT #:** DC98-050-121

**REPORT DISTRIBUTION:**  
 Ed Bell Construction - Doug Teter  
 Huitt-Zollars, Inc. - Kenneth Roberts, P.E.  
 Town of Addison - James Pierce, P.E.  
 Town of Addison - Dave Wilde

**SPECIFICATIONS**

Strength (psi): 650  
 Slump (in.): \_\_\_\_\_  
 Air Content (%): 3-5  
 Concrete Temp (°F): \_\_\_\_\_

**PROJECT DATA**

Placement Date: 04/21/99  
 Sampled By: EE  
 Weather: P. Cloudy/Windy  
 Supplier/Mix: Ed Bell

**FIELD DATA SET #1**

Ticket #: 7068521 Time Batched: 7:45 Time Sampled: 8:33  
 Slump (in.): 2 Air Content: 4.0 Unit Weight (pcf): na  
 Conc. Temp. (°F): 78 Ambient Temp. (°F): 71 Yardage (c.y.): 9  
 Placement Location: Median of Arapaho Road

**FIELD DATA SET #2**

Ticket #: 6094472 Time Batched: 12:51 Time Sampled: 2:00  
 Slump (in.): 1 1/2 Air Content: 4.0 Unit Weight (pcf): \_\_\_\_\_  
 Conc. Temp. (°F): 76 Ambient Temp. (°F): 88 Yardage (c.y.): 100-200  
 Placement Location: Median of Arapaho Road  
 Remarks: \_\_\_\_\_

**CONCRETE COMPRESSION TEST RESULTS**

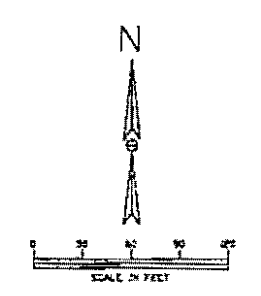
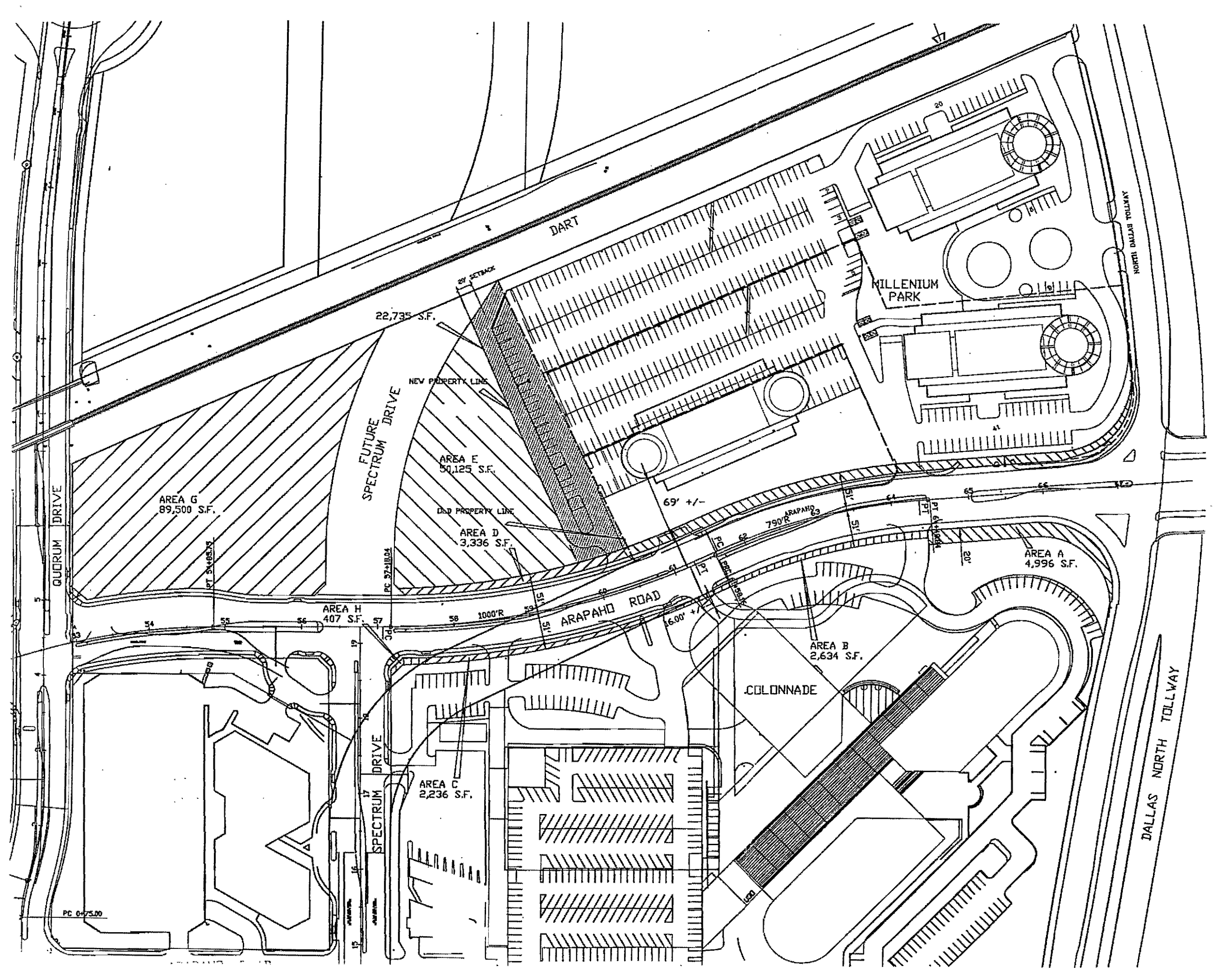
BEAMS MOLDED AND CURED PER ASTM C31, TESTED PER ASTM C78

Set #	Beam #	Test Date	Age (Days)	Max. Load (lbs)	Average Depth, D	Average Width, B	Modulus of Rupture (psi)	Notes
1	AR040501	04/28/99	7	7260	6.05	6.20	605	* * Does not meet specification
	AR040502	05/19/99	28	7740	5.95	6.05	645	
2	AR040503	04/28/99	7	7200	5.95	6.30	600	
	AR040504	05/19/99	28	8640	6.00	6.35	720	

- (1) SPAN LENGTH OF 18 INCHES, UNLESS NOTED ABOVE.
- (2) SPECIMENS GROUND PRIOR TO TESTING, LEATHER SHIMS USED DURING TESTING.
- (3) TEST RESULTS COMPLY WITH PROJECT SPECIFICATIONS UNLESS INDICATED IN NOTES.
- (4) FIELD TESTS ARE PER APPLICABLE ASTM STANDARDS: C138, C143, C172, C231

Note: This report is for the exclusive use of the Client addressed. This report may not be reproduced except in its entirety, without the written consent of TMI. Results apply only to above tests.

*Serry L. Fox*  
 TERRA-MAR, INC.



*Recd*  
*1-26-98*

SQUARE FOOTAGES AND DIMENSIONS ARE APPROXIMATE AND WITHOUT THE BENEFIT OF ON THE GROUND SURVEYING.

ARAPAHO ROAD WIDENING STUDY  
 WIDENING R.O.W. NORTH & SOUTH  
 R.O.W. APPROXIMATELY CENTERED BETWEEN  
 PROPOSED PRIVATE DEVELOPMENTS

MAY 23, 1997  
 SCALE 1" = 60'



2000 HKS, Inc. All Rights Reserved.  
 200 H St., Suite 1100, Ft. Worth, TX 76102  
 Tel: 817.508.7000 Fax: 817.508.7001

Tricia McQuinn/Colonade

5-12-99

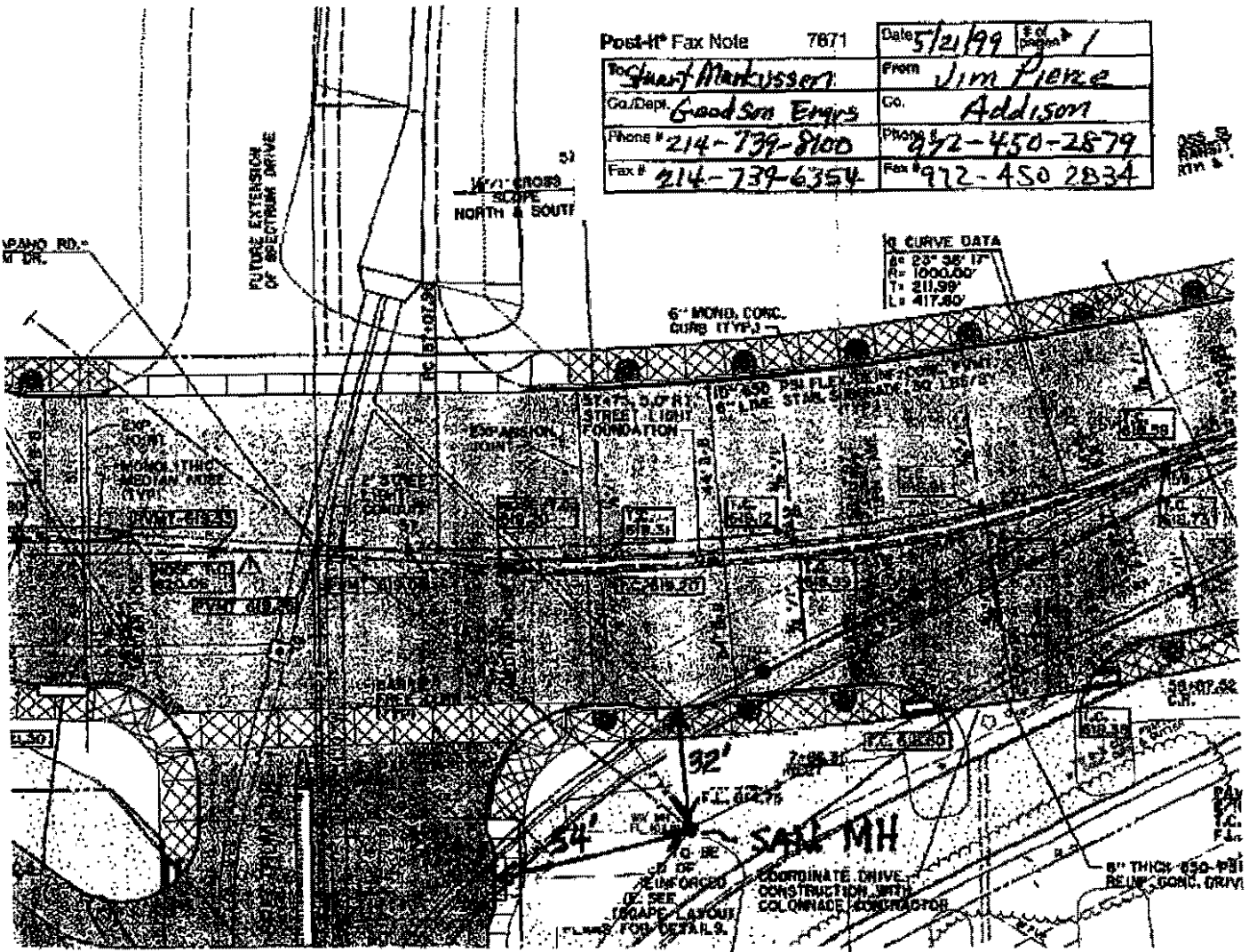
Breakup entrance & leave concrete

but in temp pavement as soon as approach  
is poured.

Call when cur removal is planned.

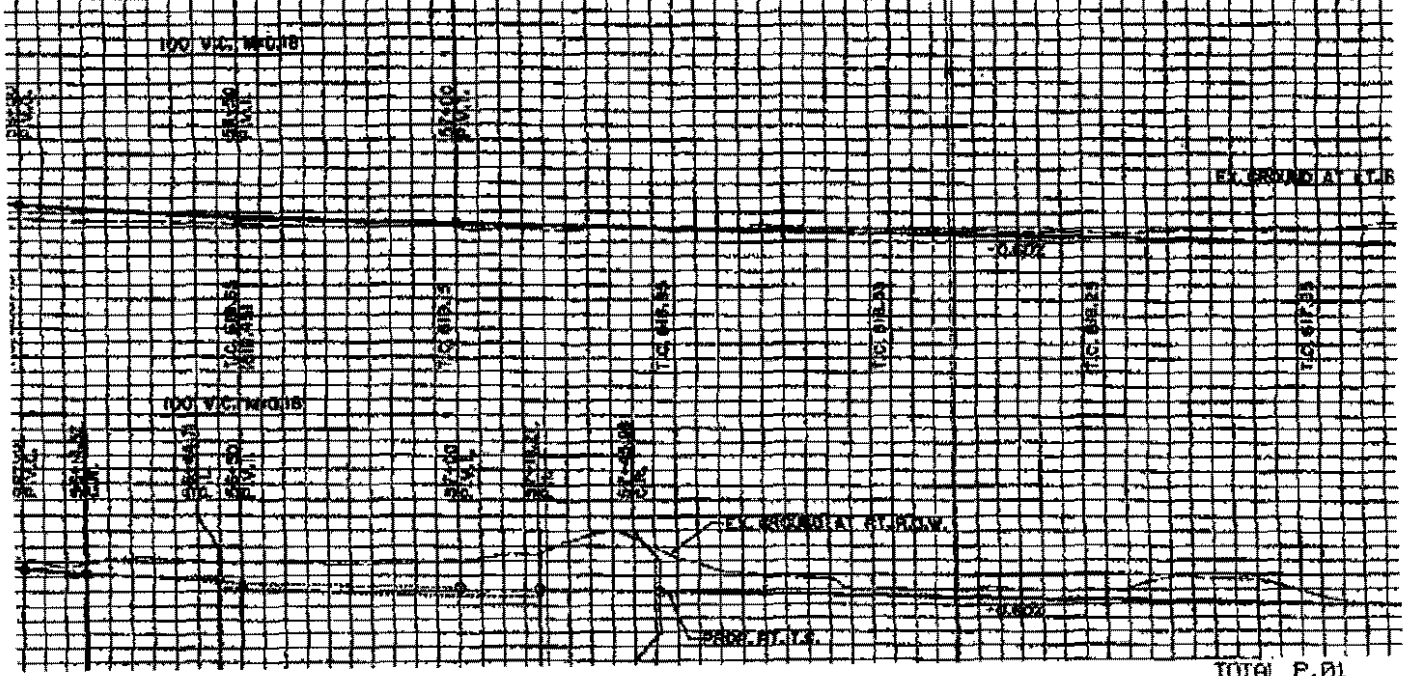


Post-It Fax Note	7871	Date	5/21/99	# of Pages	1
To	Stuart Markussert	From	Jim Pierce		
Co./Dept.	Goodson Engrs	Co.	Addison		
Phone #	214-739-8100	Phone #	972-450-2879		
Fax #	214-739-6354	Fax #	972-450-2834		



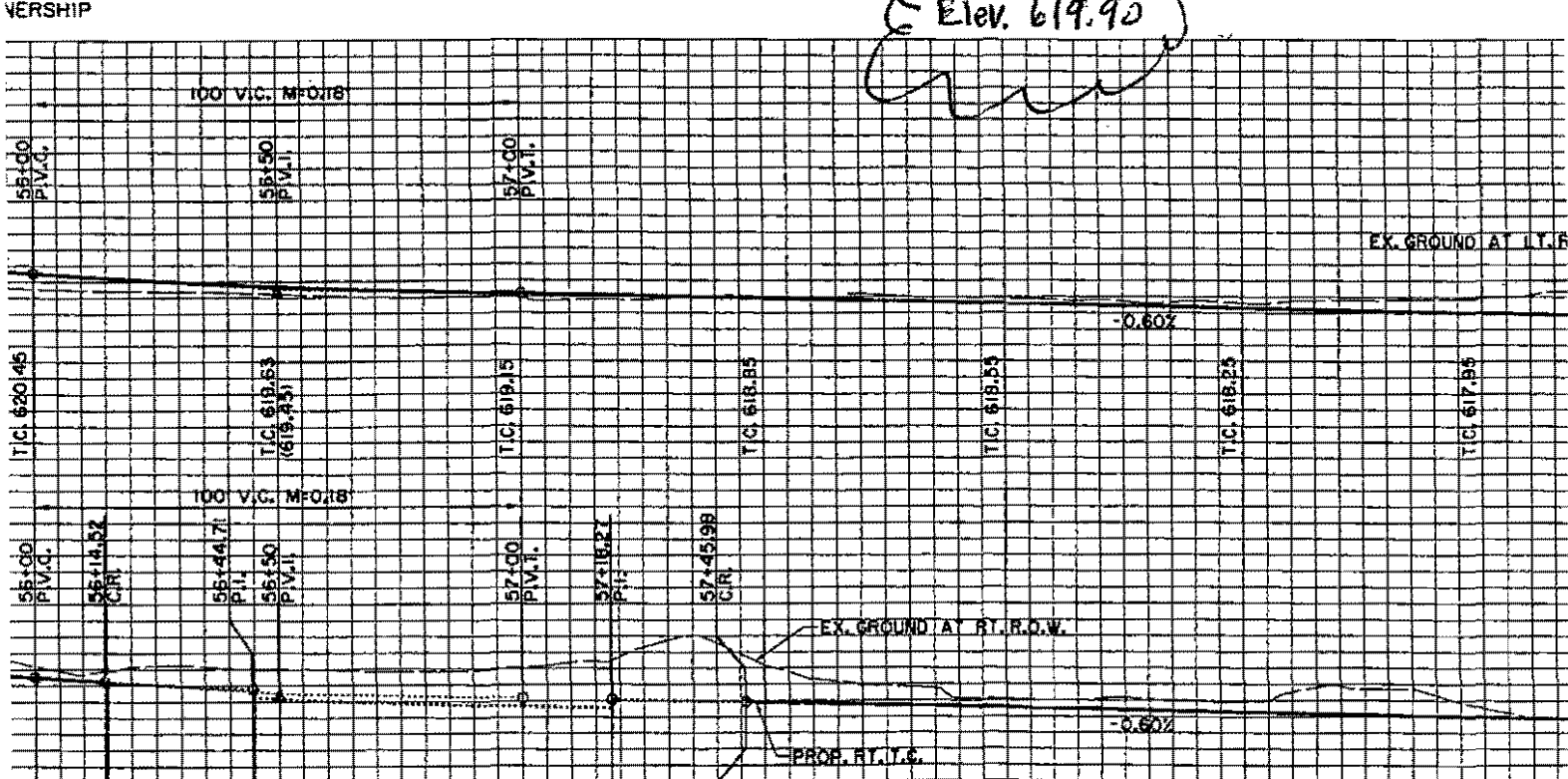
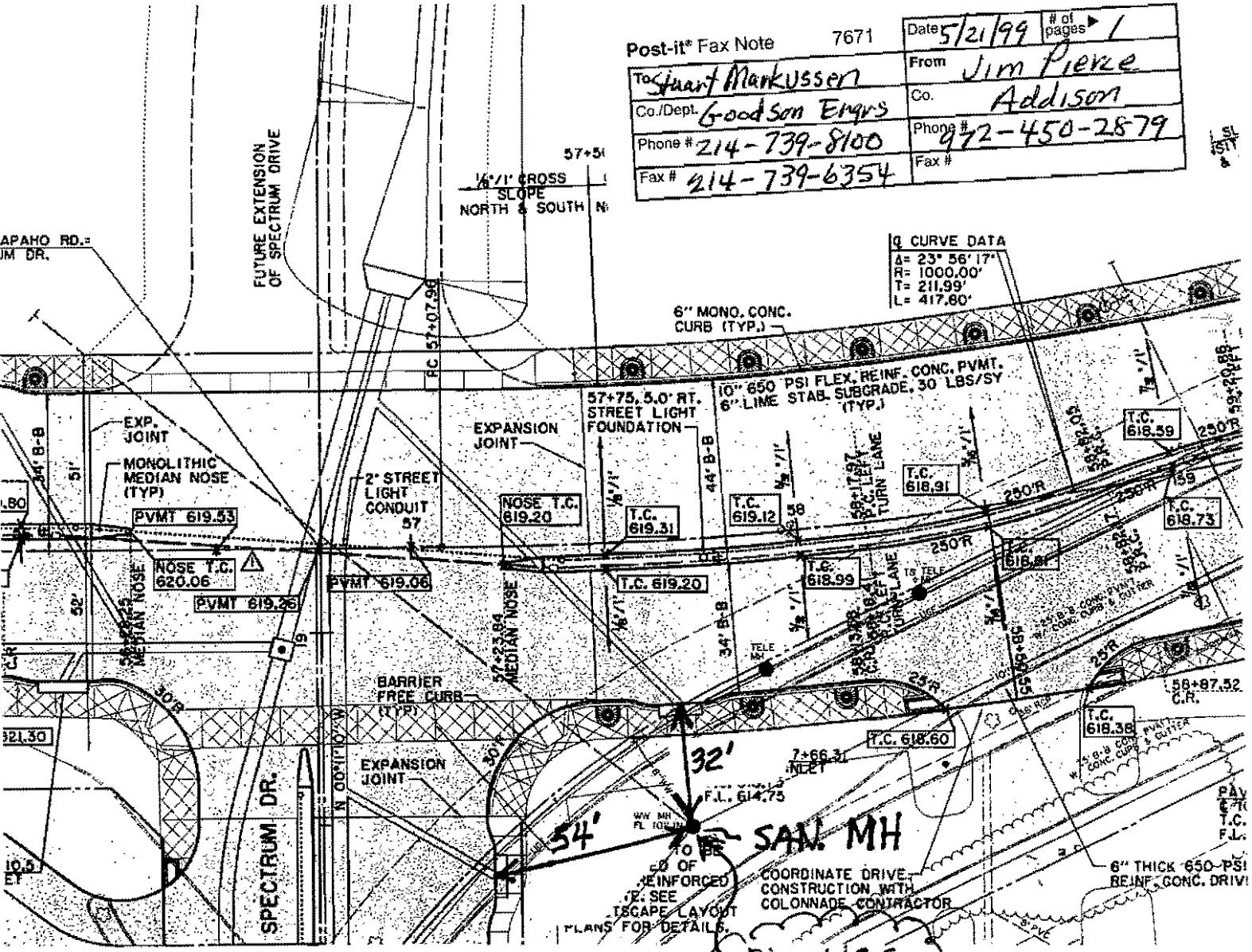
ERSHIP

PVMT ELEV 619.90±



Post-it\* Fax Note 7671

Date	5/21/99	# of pages	1
From	Jim Piere		
Co./Dept.	Goodson Engrs		
Co.	Addison		
Phone #	214-739-8100		
Phone #	972-450-2879		
Fax #	214-739-6354		
Fax #			



TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Tricia McQuinn

From: James C. Pierce, Jr., P.E., DEE

Company: Equity Office

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2834

FAX #: 972-851-7012

16801 Westgrove

Date: 5-20-99

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 2

Re: Arapaho Rd / Sanitary Sewer

Original in mail

Per your request

FYI

Call me

Comments:

The sanitary sewer manhole  
shown on the attached needs to be  
adjusted to meet the final grade  
of your project. If you can  
have your Engineer give us a  
grade elevation for the top of the  
manhole we will make the adjustment.

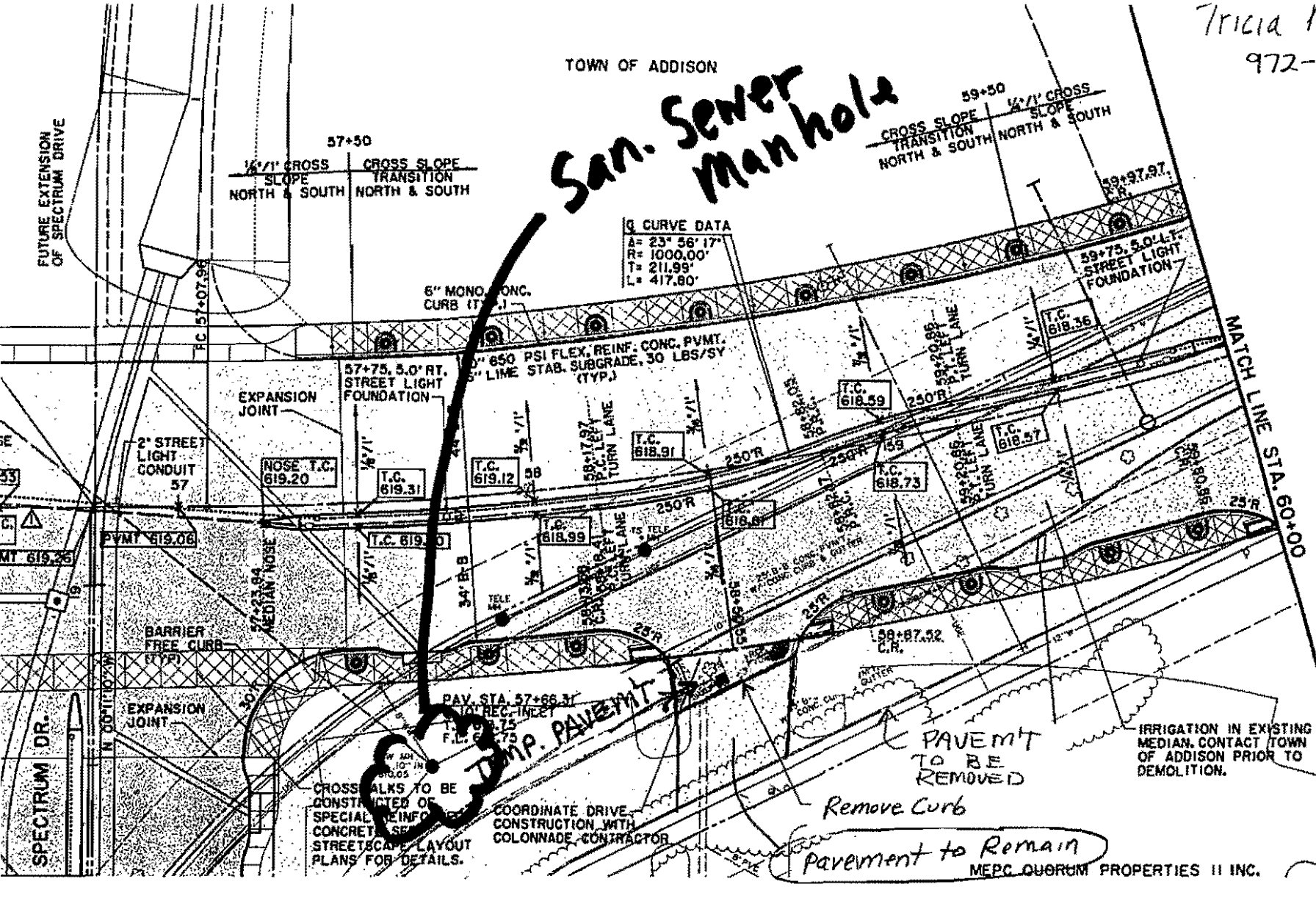
Need ASAP

Thanks, Jim

Tricia McQuinn  
972-851-7000

TOWN OF ADDISON

**San. Sewer Manhole**



**G CURVE DATA**  
A = 23° 58' 17"  
R = 1000.00'  
T = 211.99'  
L = 417.80'

SEE STREETSCAPE PLAN  
LANDSCAPING, IRRIGATION  
PAVEMENT ENHANCEMENT

**NOTE:**  
EXISTING FILL MATERIAL  
4-8 FEET, FROM APPROX  
STATION 53+00 TO 56+  
BROKEN LIMESTONE AND  
DEBRIS SHALL BE EXCAVATED  
AND DISPOSED OF AND  
ON-SITE SOILS COMPACTED  
DESCRIBED IN THE SPEC

**LEGEND**

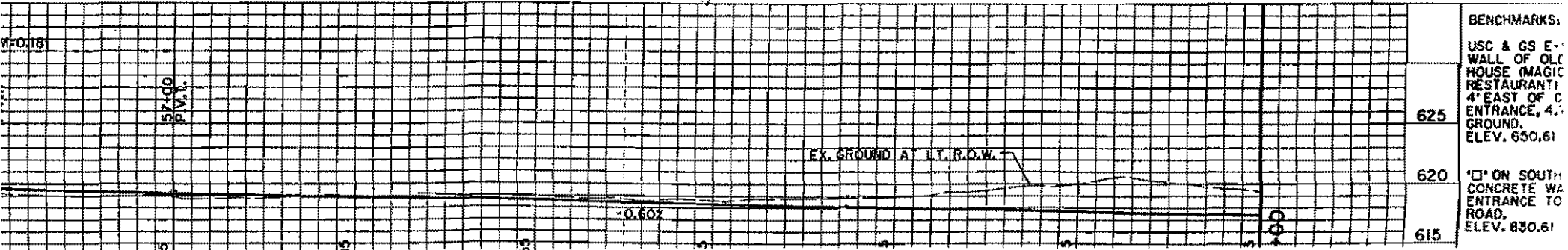
- ELECTRIC — ONE —
- LIGHT POLE
- PPX POWER POLE
- ← GUY WIRE
- TELEPHONE — T —
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- TS TELEPHONE SIGN
- GAS — G —
- GAS METER
- GAS SIGN
- LAND USE
- RAILROAD SIGN
- SURVEY
- FOUND IRON ROD
- TEMP BENCHMARK
- WASTEWATER — WW —
- WASTEWATER MANHOLE
- CLEANOUT

CROSS WALKS TO BE  
CONSTRUCTED OF  
SPECIAL REINFORCED  
CONCRETE. SEE  
STREETSCAPE LAYOUT  
PLANS FOR DETAILS.

COORDINATE DRIVE  
CONSTRUCTION WITH  
COLONNADE CONTRACTOR

Remove Curb  
Pavement to Remain

MEPC QUORUM PROPERTIES II INC.



**BENCHMARKS:**

625	USC & GS E-WALL OF OLD HOUSE (MAGIC RESTAURANT) 4' EAST OF C ENTRANCE, 4' GROUND, ELEV. 650.61
620	4" ON SOUTH CONCRETE W/ ENTRANCE TO ROAD, ELEV. 630.61
615	



L = 255.61'  
CB = S75°30'48"W  
CD = 254.34'  
CB = N74°41'04"E  
CD = 279.84'

**TYPICAL BERM CROSS-SECTION**  
NTS

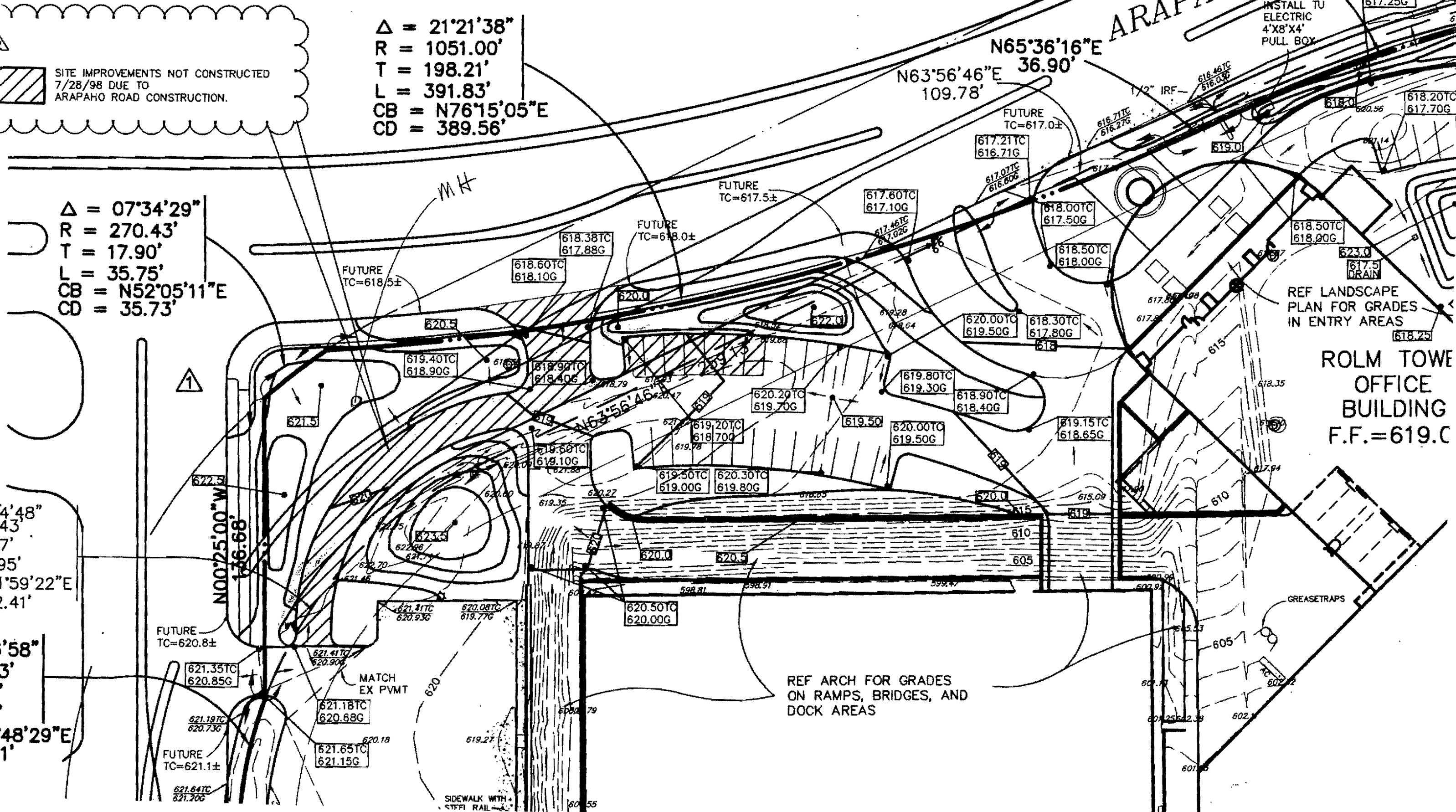
$\Delta = 21^{\circ}21'38''$   
R = 1051.00'  
T = 198.21'  
L = 391.83'  
CB = N76°15'05"E  
CD = 389.56'

SITE IMPROVEMENTS NOT CONSTRUCTED  
7/28/98 DUE TO  
ARAPAHO ROAD CONSTRUCTION.

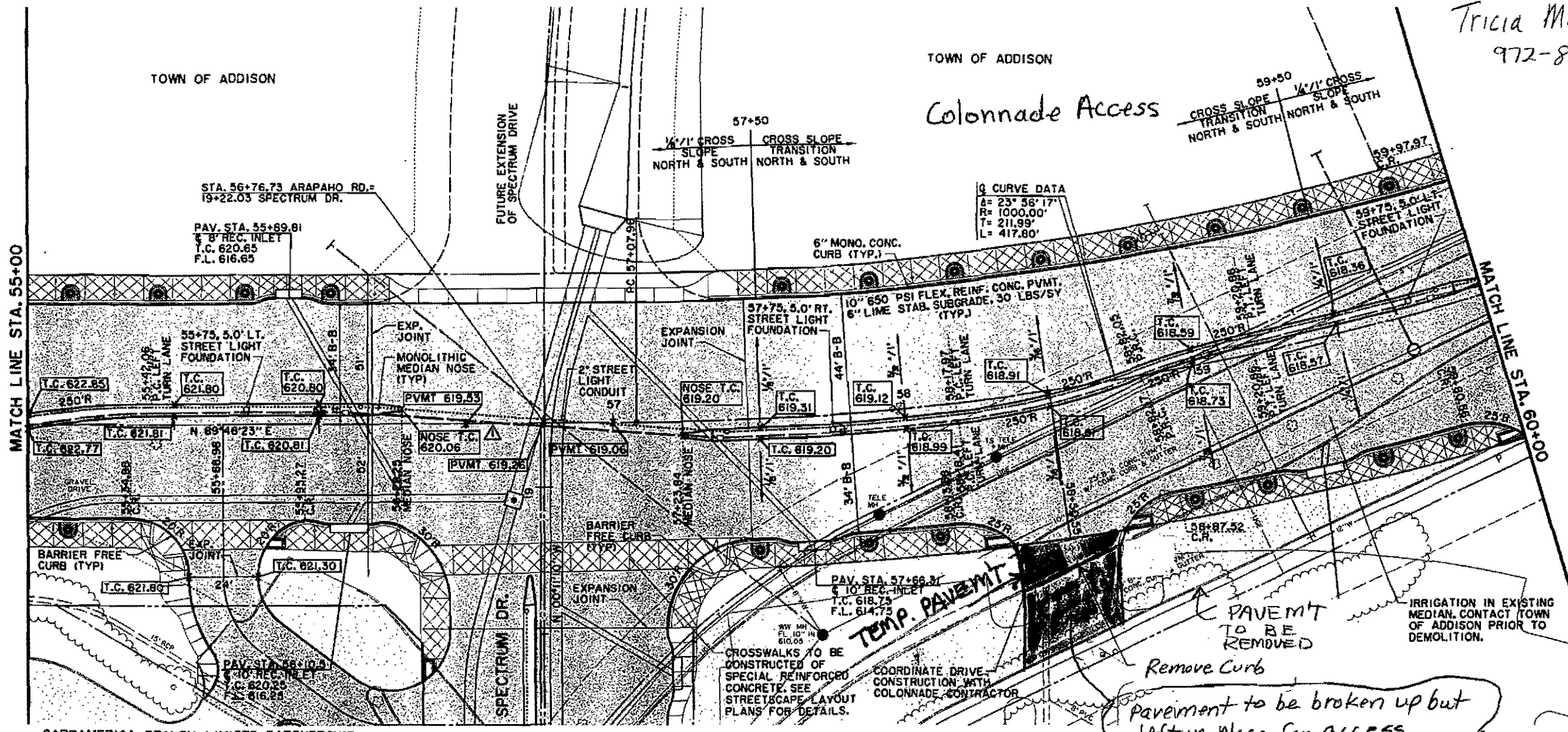
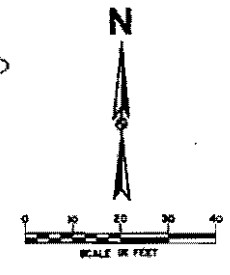
$\Delta = 07^{\circ}34'29''$   
R = 270.43'  
T = 17.90'  
L = 35.75'  
CB = N52°05'11"E  
CD = 35.73'

54'48"  
0.43'  
77'  
5.95'  
41°59'22"E  
42.41'

26'58"  
43'  
5'  
7'  
9°48'29"E  
61'



Tricia McQuinn  
972-851-7000



SEE STREETSCAPE PLANS FOR SIDEWALK, LANDSCAPING, IRRIGATION, LIGHTING AND PAVEMENT ENHANCEMENT DETAILS.

NOTE: EXISTING FILL MATERIAL TO DEPTHS OF 4-6 FEET, FROM APPROXIMATELY PAVING STATION 53+00 TO 56+00, CONSISTING OF BROKEN LIMESTONE AND MISCELLANEOUS DEBRIS SHALL BE EXCAVATED, REMOVED AND DISPOSED OF AND REPLACED WITH ON-SITE SOILS COMPACTED IN LIFTS AS DESCRIBED IN THE SPECIFICATIONS.

LEGEND

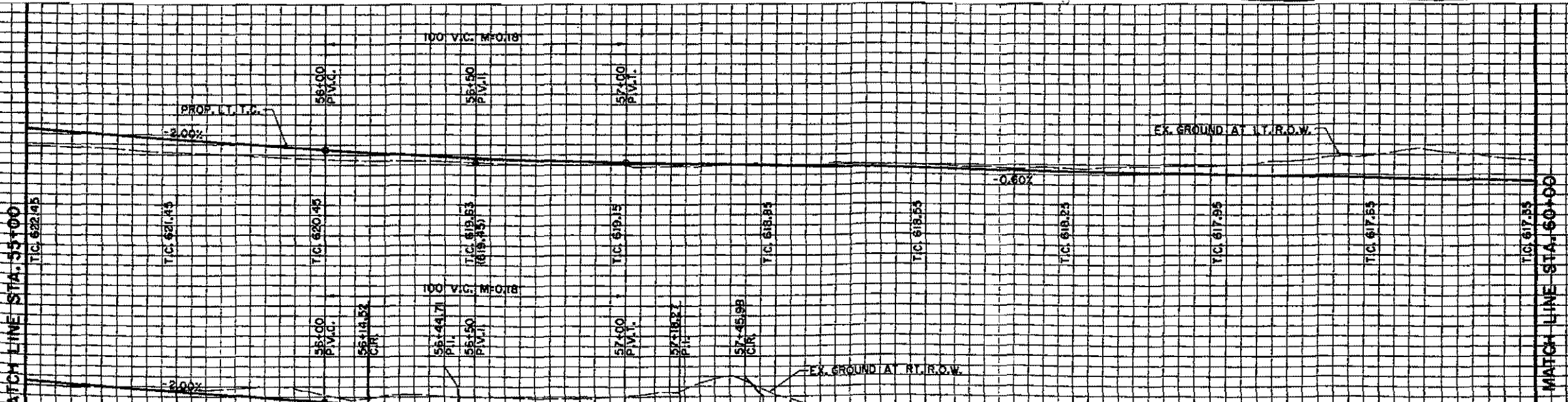
ELECTRIC — O —	WATER — W —
○ LIGHT POLE	FM ○ FIRE HYDRANT
PPX POWER POLE	WM ○ METER
← GUY WIRE	T WATER VALVE
TELE TELEPHONE	MISC.
● TELEPHONE MANHOLE	48" RCP R.C.P. REMOVAL
○ TELEPHONE PEDESTAL	— CHAIN LINK FENCE
TS TELEPHONE SIGN	— WOOD FENCE
GAS — G —	— EXISTING ASPHALT
GM GAS METER	— EXISTING DIRT OR GRAVEL
GS GAS SIGN	— EX. CONCRETE
LAND USE	○ TREE/TREE LINE
RR RAILROAD SIGN	— EXISTING CURB
T SIGN	— PROP. CURB
SURVEY	— EX. PROPERTY LINE
IR FOUND IRON ROD	— PROP. CENTERLINE
TS TEMP BENCHMARK	— PROP. R.O.W.
WASTEWATER — WW —	— PROP. INLET
WM WASTEWATER MANHOLE	PVMT TOP OF PAVEMENT
CO CLEANOUT	T.C. TOP OF CURB
	C.R. CURB RETURN

CARRAMERICA REALTY LIMITED PARTNERSHIP

CROSSWALKS TO BE CONSTRUCTED OF SPECIAL REINFORCED CONCRETE. SEE STREETSCAPE LAYOUT PLANS FOR DETAILS.

TEMP. PAVEMENT

Remove Curb  
Pavement to be broken up but left in place for access



BENCHMARKS:  
625 USC & GS E-921 DISK IN BRICK WALL OF OLD ADDISON SCHOOL HOUSE (MAGIC TIME MACHINE RESTAURANT) ON SOUTH WALL, 4' EAST OF CENTER OF THE ENTRANCE, 4.7' ABOVE THE GROUND, ELEV. 630.61

620 'I' ON SOUTHEAST CORNER OF CONCRETE WALK AT FRONT ENTRANCE TO 4805 ARAPAHO ROAD, ELEV. 630.61

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KENNETH A. ROBERTS, P.E. 55446 ON OCTOBER 24, 1997



REVISIO 1/16/98

PAVING PLAN & PROFILE  
STA. 55+00 TO STA. 60+00  
ARAPAHO ROAD

Arapah Rd.

6-15-99

Pat Rivera called requesting the status of the backfill of open trench @ SE corner of Arapah / Quorum - TXU's trench for switchover of car America power.

Jep called Jenne Hooker, Glen Hilton & Kenny Martin, trying to determine when it would be backfilled. Called Bobby Jamon too.

Glen Hilton called back and stated Kenny Martin would be the one to talk to.

Pat called back to see if I had an answer. I did not, so Pat said he was going to backfill the trench.

Then Bobby called back - he had called Kenny Martin and Kenny did not have anyone available to backfill the trench. Bobby advised it was OK for the contractor to backfill the trench.



Governor Pat Rivera  
and mailed to  
Bobby Inman  
6-15-99

# LETTER OF TRANSMITTAL

## Public Works / Engineering

16801 Westgrove • P.O. Box 144

Addison, Texas 75001

Telephone: [214] 450-2871 • Fax: [214] 931-6643

TO Robert Weber  
Ed Bell Construction

DATE	<u>11-4-98</u>	JOB NO.
ATTENTION		
RE:	<u>Arapaho Rd</u>	

### GENTLEMAN:

#### WE ARE SENDING YOU

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Shop Drawings  | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items:                            |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Prints              | <input type="checkbox"/> Plans <input type="checkbox"/> Samples <input type="checkbox"/> Specifications |
|   | <input type="checkbox"/> Change order        | <input type="checkbox"/> _____  |

COPIES	DATE	NO.	DESCRIPTION
<u>5</u>			<u>Drawing showing new streetlight location &amp; new video camera location</u>

### THESE ARE TRANSMITTED as checked below:

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> For approval              | <input type="checkbox"/> Approved as submitted    | <input type="checkbox"/> Resubmit _____ copies for approval   |
| <input checked="" type="checkbox"/> For your use   | <input type="checkbox"/> Approved as noted        | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested              | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints        |
| <input type="checkbox"/> For review and comment    | <input type="checkbox"/> _____                    |   |
| <input type="checkbox"/> FOR BIDS DUE _____ 19____ |   | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US     |

REMARKS One of the purposes of the new streetlight location is to provide a better mounting location for the video camera. We should have existing pay items for this work except for conduit up the streetlight for mounting the camera. Please incorporate this change into the work and advise of any additional charges.

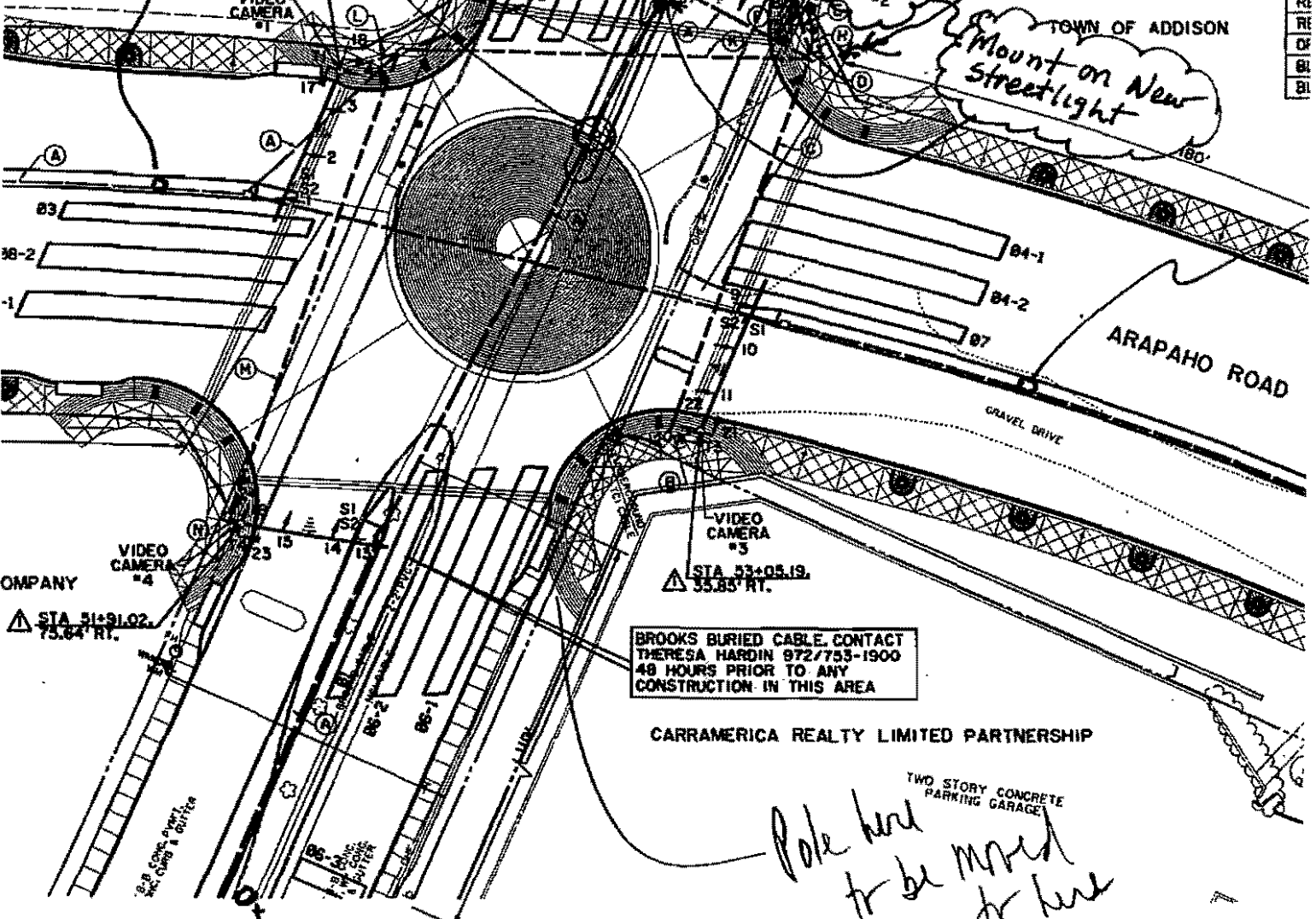
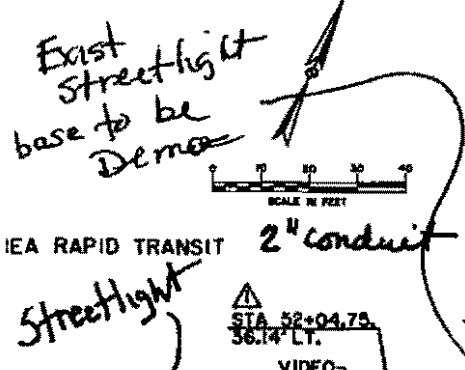
COPY TO Dave Wilde  
Bobby Inman

SIGNED: Jim Lewis



CONDUIT	2CA	WI	CK	4 C	3	LEN	
PVC							
PVC		15	15	15	15	9	
PVC		104	104	104	104	98	
PVC	12	36	48	48	48	12	6
PVC	20	20	20	20	20	20	14
PVC		20	10	10	10	10	4
PVC						176	170
PVC	16	16					10
PVC		80				80	74
PVC		32				32	26
PVC		107	214	214	214	214	101
PVC		24	12	12	12	12	7
PVC		126	126	126	126	126	120
PVC		11	11	11	11	11	5

CONNECT LAYOUT SHEET FOR  
 QUANTITY AND ALIGNMENT



EXISTING Streetlight

Move controller to this area



MCI BURIED CABLE. CONTACT  
 ADRIAN THEBEAU 972/554-4127  
 48 HOURS PRIOR TO ANY  
 CONSTRUCTION IN THIS AREA.

STA 53+03.63,  
 71.67' LT.

VIDEO CAMERA #2  
 (out of sidewalk)  
 Mount on New Streetlight

TOWN OF ADDISON

BROOKS BURIED CABLE. CONTACT  
 THERESA HARDIN 972/753-1900  
 48 HOURS PRIOR TO ANY  
 CONSTRUCTION IN THIS AREA

CARRAMERICA REALTY LIMITED PARTNERSHIP

Pole here to be moved to here

TWO STORY CONCRETE  
 PARKING GARAGE

CC  
 W  
 W  
 RE  
 OF  
 OF  
 BL  
 BL  
 BL  
 OF  
 OF  
 RE  
 OF  
 BL  
 BL

Ed Bell

6-15-99

meter # } plus Hae

2188731

\$ 700.00 deposit

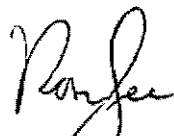
5/6/98

## **Landscape Observations Arapaho Rd. Project**

On June 10, 1999, I walked the project from Addison Rd. to Quorum Rd. Below is a list of problems that I observed; I met with Pat of Ed Belle Construction and pointed them out to him.

- 1) One Red Oak on the south and one on the north side of Arapaho had vigorous sap flow occurring from the trunk.
- 2) One Red Oak on the north side of Arapaho between the entrance into the DART Center and Quorum had all of its leaves wilted and desiccated.
- 3) Many of the Red Oaks on both sides of Arapaho are not centered in the tree grates.
- 4) Several of the Foster Hollies have either browned or dropped all or a large percentage of their leaves.

Signed:



Ron Lee  
Town of Addison  
Parks Operations Manager  
6-14-99

Cc: Slade Strickland, Town of Addison, Parks Director  
Jim Pierce, Town of Addison, Project Coordinator-Engineering Dept.

6-8-99

147 ft<sup>2</sup> over

Arapahoe: (Item 525) (2275 ft<sup>2</sup>) ←

28 Holly Beds @ 26' long

$$728 \text{ LF} \times 4 = 2912 \text{ ft}^2$$

$$\text{Area } 3' \text{ tree ball} = 0.785 d^2 = 7 \text{ ft}^2$$

$$28 \text{ beds} \times \frac{4 \text{ trees}}{\text{bed}} \times \frac{7 \text{ ft}^2}{\text{tree}} = 784 \text{ ft}^2$$

$$\begin{array}{r} 2912 \\ - 784 \\ \hline 2128 \text{ ft}^2 \end{array} \leftarrow \text{est quantity} \quad \text{gap}$$

140 ft<sup>2</sup> under

Quorum: (Item 523) (504 ft<sup>2</sup>) ←

5 holly beds @ 26' long

$$130 \text{ LF} \times \frac{6'}{4'} \text{ wide} = \frac{780}{520} \text{ ft}^2$$

$$5 \text{ beds} \times \frac{4 \text{ trees}}{\text{bed}} \times \frac{7 \text{ ft}^2}{\text{tree}} = 140 \text{ ft}^2$$

$$\begin{array}{r} 780 \\ - 140 \\ \hline 640 \text{ ft}^2 \end{array} \leftarrow \text{est quantity} \quad \text{gap}$$

6-8-99

# Replace Pavement on Spectrum

Area = 135' x 12' old 1620 ft<sup>2</sup>  
 12' x 55' new 660 ft<sup>2</sup>

---

2280 ft<sup>2</sup> = 253 yd<sup>2</sup>

$\frac{2280 \text{ ft}^2 \times 4''}{27 \times 12''} = 28 \text{ yd}^3$	excavation @ \$5.00	140
253 yd <sup>2</sup>	remove & disp @ \$7.50	1898
253 yd <sup>2</sup>	10" reinf pavnmt @ \$29.65	7500
253 yd <sup>2</sup>	6" lime stab @ \$1.50	380
$\frac{253 \text{ yd}^2 \times 30\#}{2000}$	Tons lime @ \$700	380
85 Lf curb @ 1.50		130
Misc Markings, irrig		500
2280 ft <sup>2</sup> sod (median) @ 0.50		1140
140' 1" pvc irrig @ 1.70		238
20' 3/4" " " 1.60		32
2 Values @ 100		200

---

\$11,538

Say \$ 12,000

6-3-99

Arapaho Rd

Ron Lee & Jap inspected the job site and noticed some of the sidewalk trees were showing a little wilt. We mentioned this to Shawn, Hawkins supervisor, and he stated he could not water because pavement sealing was taking place and the pavement had to be kept dry.

Also, later in the day, White Crest, a SW Bell contractor, while boring parallel to the north line of trees along Arapaho caused a "blow-out" of drilling mud into a tree well at station <sup>2</sup>45+75. The tree well was flooded with the drilling fluid. Shawn stated the tree would have to be removed and soil replaced, etc. Contractor was using PDSLO "Super Mud" in the drilling fluid. A MSDS sheet has been requested from the manufacturer. A representative of the manufacturer stated the fluid should have no adverse affect on the tree.

CC Slade

Dave

Jap

Arapahoe Rd

6-1-99

Telcon with Ken Roberts:

Arap, Heading East - @ Quorum  
Subell pumped <sup>some</sup> water

Water Splits @ RH turn Lane

and goes across the Circle  
and splits again

3" curb on nose

If they deducted 6" from nose  
grade -

Carve grades in median @ 50' intervals  
& end of noses.

Top curb on nose & dropped 6"  
the road would be too low

1% cross slope - carries  
across Quorum.

Should be a hump for Quorum  
drivers

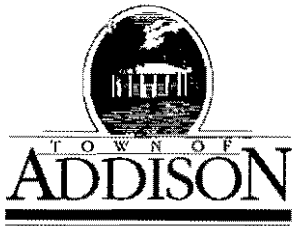
Ken will write us a letter regarding  
this situation

Native Seed—

Certification Needed  
on the seed

Tx Turf 10





# LETTER OF TRANSMITTAL

**Public Works / Engineering**  
16801 Westgrove • P.O. Box 144  
Addison, Texas 75001  
Telephone: (214) 450-2871 • Fax: (214) 931-6643

DATE	5-26-99	JOB NO.
ATTENTION		
RE:	Arapaho Rd (Colonnade)	

TO Pat Rivera  
Ed Bell Const

**GENTLEMAN:**

**WE ARE SENDING YOU**

- Attached
- Under separate cover via \_\_\_\_\_ the following items:
- Shop Drawings
- Prints
- Plans
- Samples
- Specifications
- Copy of letter
- Change order
- Correction

COPIES	DATE	NO.	DESCRIPTION
			Refer to Letter of Transmittal of 5-25-99 regarding partial paving plan @ Sta 157+50±

**THESE ARE TRANSMITTED as checked below:**

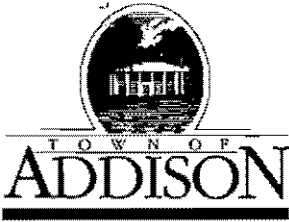
- For approval
- Approved as submitted
- Resubmit \_\_\_\_\_ copies for approval
- For your use
- Approved as noted
- Submit \_\_\_\_\_ copies for distribution
- As requested
- Returned for corrections
- Return \_\_\_\_\_ corrected prints
- For review and comment
- \_\_\_\_\_
- FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_\_
- PRINTS RETURNED AFTER LOAN TO US

**REMARKS** - Correction -  
Raise sanitary manhole lid to elev 619.70±  
This manhole will be in pavement and final  
adjustment will be made by paving contractor.

**COPY TO** Robert Weber  
Dave Wilde

**SIGNED:** [Signature]

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



# LETTER OF TRANSMITTAL

**Public Works / Engineering**  
 16801 Westgrove • P.O. Box 144  
 Addison, Texas 75001  
 Telephone: (214) 450-2871 • Fax: (214) 931-6643

TO Pat Rivera  
Ed Bell Const

DATE	5-25-99	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

**GENTLEMAN:**

**WE ARE SENDING YOU**

- Attached
- Under separate cover via \_\_\_\_\_ the following items:
- Shop Drawings
- Prints
- Plans
- Samples
- Specifications
- Copy of letter
- Change order
- \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
1			Partial Paving Plan @ Sta 57+50±

**THESE ARE TRANSMITTED as checked below:**

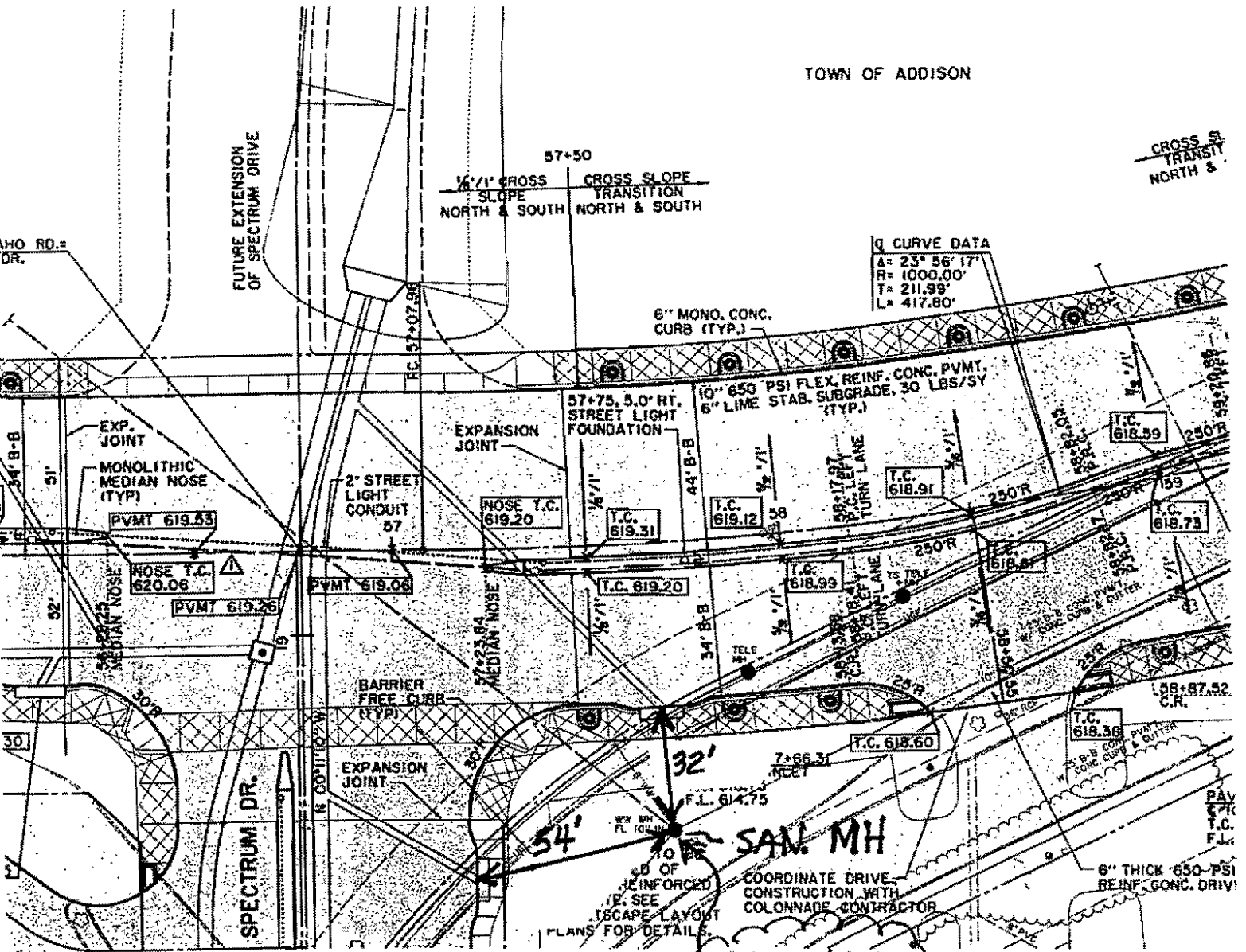
- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_
- Approved as submitted
- Approved as noted
- Returned for corrections
- \_\_\_\_\_
- Resubmit \_\_\_\_\_ copies for approval
- Submit \_\_\_\_\_ copies for distribution
- Return \_\_\_\_\_ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

REMARKS Raise Sanitary Manhole lid to Elev 619.90.  
Also, when U-turn is closed we suggest sign wording  
"U-turn Lane Closed Ahead"

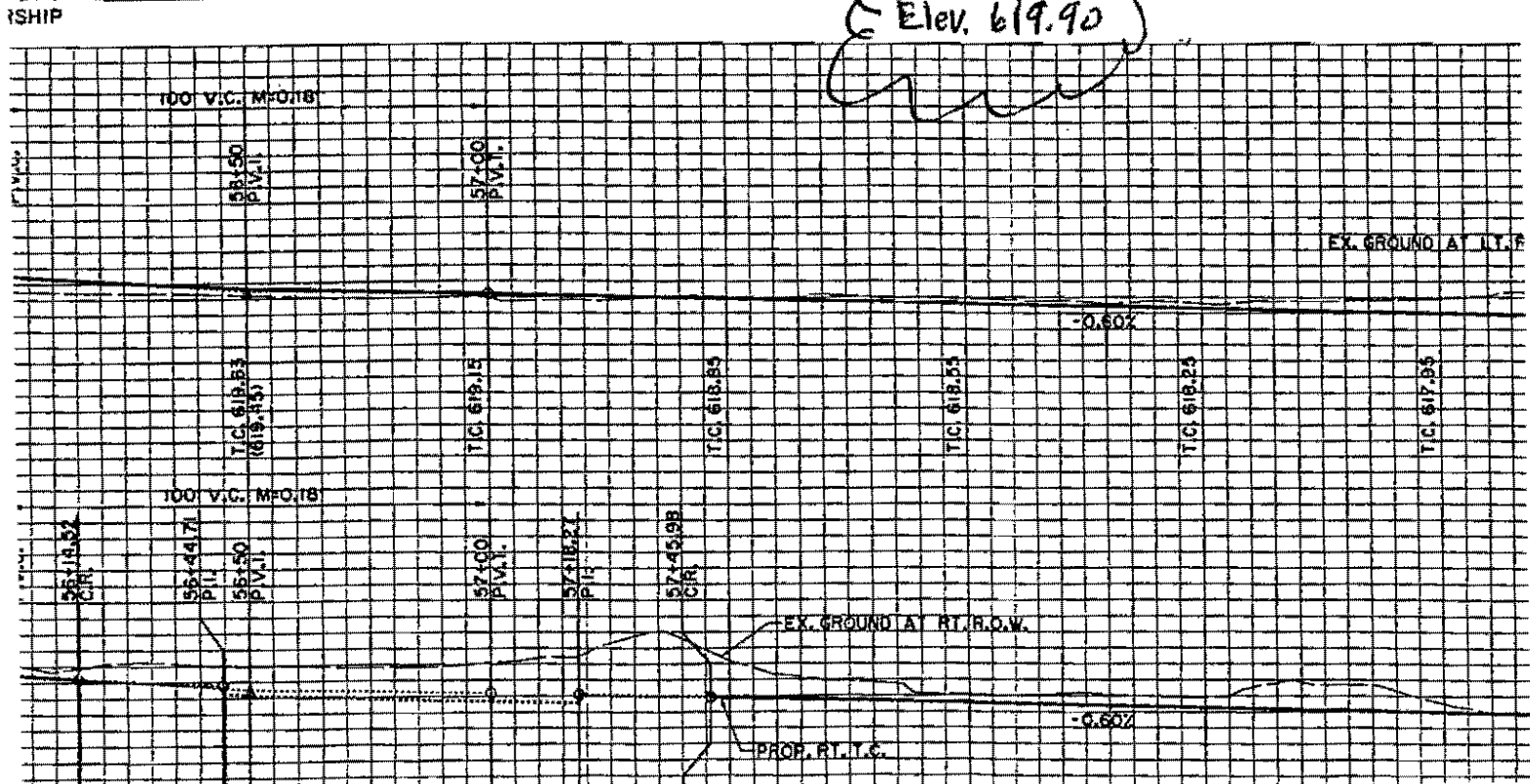
COPY TO Robert Weber  
Dave Wilde

SIGNED: [Signature]

TOWN OF ADDISON



Elev. 619.90  
 TO BE REINFORCED SEE ESCAPE LAYOUT PLANS FOR DETAILS.



TOWN OF  
**ADDISON**

*Faxed*

## PUBLIC WORKS

To: Joel Renaud

From: James C. Pierce, Jr., P.E., DEE

Company: Dallas PW & T

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2834

FAX #: 214-670-3800

Date: 5-21-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 2

Re: Arapaho Rd / Dallas Parkway Signals

Original in mail

Per your request

FYI

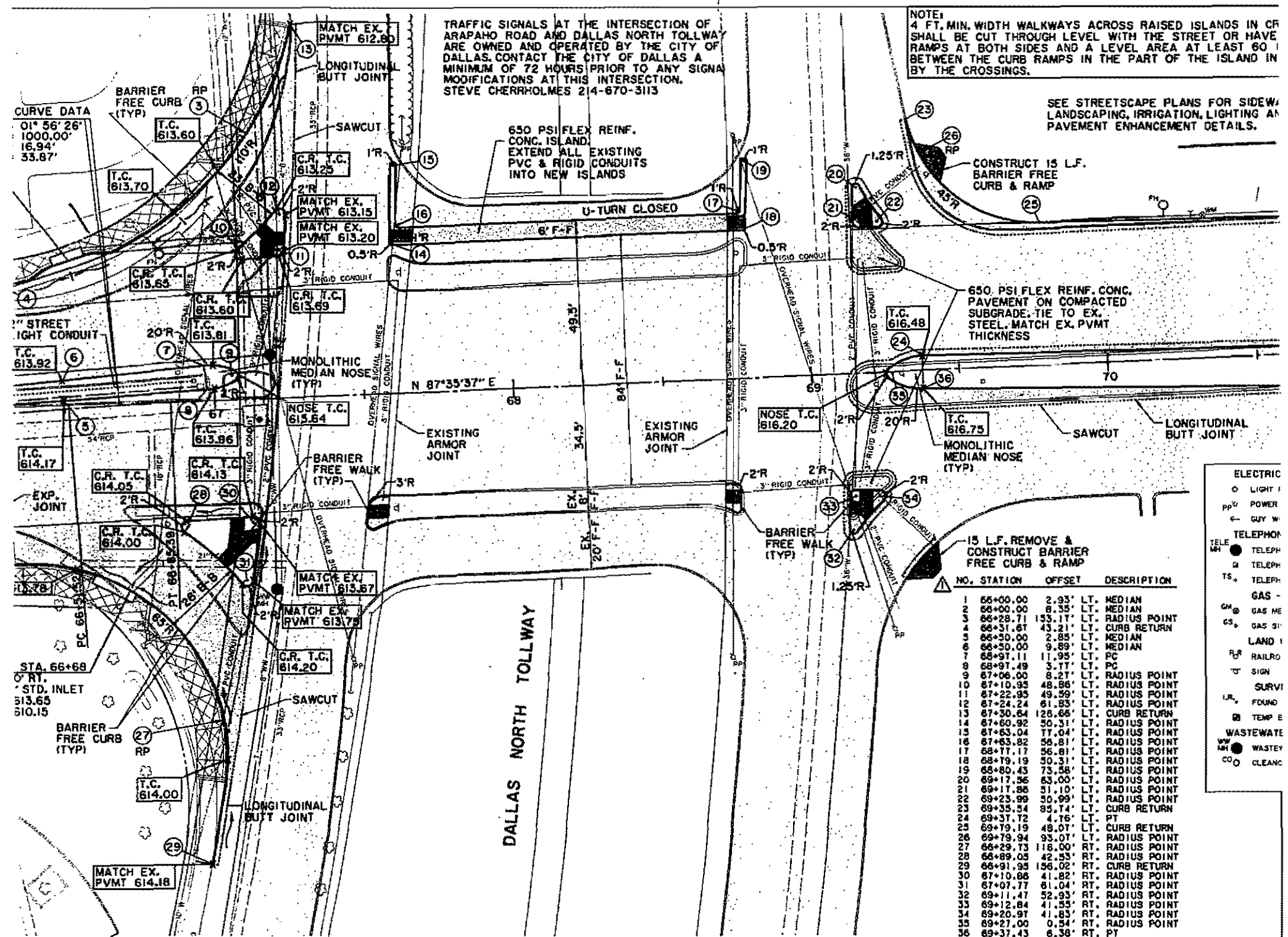
Call me

Comments: Joel: We are about to switch traffic at above location. Partial Plan attached. the S.B. to N.B. Uturn is still functional but the concrete island has been removed. We intend to run one lane of traffic east bound and west bound, next to the median, on Arapaho west of the Parkway, for the time being. In about 2-3 months, the road will be open to all lanes.

We see no reason why the signals cannot be put in their final positions now, with traffic flow controlled with barricades, etc.

The contractor has advised me he has placed a request (yesterday) for the traffic switch.

*Jim*



TRAFFIC SIGNALS AT THE INTERSECTION OF ARAPAHO ROAD AND DALLAS NORTH TOLLWAY ARE OWNED AND OPERATED BY THE CITY OF DALLAS. CONTACT THE CITY OF DALLAS A MINIMUM OF 72 HOURS PRIOR TO ANY SIGNAL MODIFICATIONS AT THIS INTERSECTION. STEVE CHERNHOLMES 214-670-3113

NOTE:  
4 FT. MIN. WIDTH WALKWAYS ACROSS RAISED ISLANDS IN CR SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE RAMPS AT BOTH SIDES AND A LEVEL AREA AT LEAST 60' BETWEEN THE CURB RAMPS IN THE PART OF THE ISLAND IN BY THE CROSSINGS.

SEE STREETScape PLANS FOR SIDEWALK LANDSCAPING, IRRIGATION, LIGHTING AND PAVEMENT ENHANCEMENT DETAILS.

650 PSI FLEX REINF. CONC. ISLAND. EXTEND ALL EXISTING PVC & RIGID CONDUITS INTO NEW ISLANDS

650 PSI FLEX REINF. CONC. PAVEMENT ON COMPACTED SUBGRADE. TIE TO EX. STEEL. MATCH EX. PVMT THICKNESS

15 L.F. REMOVE & CONSTRUCT BARRIER FREE CURB & RAMP

DALLAS NORTH TOLLWAY

- ELECTRIC
  - LIGHT F
  - pp POWER
  - ← GUY W
- TELEPHON
  - TELEPH
  - TELEPH
  - TS TELEPH
- GAS
  - GH GAS ME
  - GS GAS SI
- LAND I
  - RF RAILRO
  - ↑ SIGN
  - SRV SURVI
  - FOUND
  - TEMP E
- WASTEWATE
  - WV WASTEY
  - CO CLEAN

NO.	STATION	OFFSET	DESCRIPTION
1	66+00.00	2.93'	LT. MEDIAN
2	66+00.00	8.35'	LT. MEDIAN
3	66+28.71	133.17'	LT. RADIUS POINT
4	66+31.67	43.21'	LT. CURB RETURN
5	66+50.00	2.85'	LT. MEDIAN
6	66+50.00	9.89'	LT. MEDIAN
7	66+97.11	11.95'	LT. PC
8	66+97.49	3.77'	LT. PC
9	67+06.00	8.27'	LT. RADIUS POINT
10	67+10.93	48.86'	LT. RADIUS POINT
11	67+22.93	49.59'	LT. RADIUS POINT
12	67+24.24	61.83'	LT. RADIUS POINT
13	67+30.64	126.66'	LT. CURB RETURN
14	67+60.92	50.31'	LT. RADIUS POINT
15	67+63.04	77.04'	LT. RADIUS POINT
16	67+63.82	56.81'	LT. RADIUS POINT
17	68+17.17	36.81'	LT. RADIUS POINT
18	68+19.19	30.31'	LT. RADIUS POINT
19	68+60.43	73.58'	LT. RADIUS POINT
20	68+17.56	63.00'	LT. RADIUS POINT
21	68+17.56	11.10'	LT. RADIUS POINT
22	68+23.99	30.09'	LT. RADIUS POINT
23	68+35.54	95.74'	LT. CURB RETURN
24	68+37.72	4.76'	LT. PT
25	68+79.19	48.07'	LT. CURB RETURN
26	68+79.94	95.07'	LT. RADIUS POINT
27	68+29.73	118.00'	RT. RADIUS POINT
28	68+89.03	42.53'	RT. RADIUS POINT
29	68+91.93	126.02'	RT. CURB RETURN
30	67+10.86	41.82'	RT. RADIUS POINT
31	67+07.77	61.04'	RT. RADIUS POINT
32	68+11.47	52.93'	RT. RADIUS POINT
33	68+12.84	41.53'	RT. RADIUS POINT
34	68+20.97	41.83'	RT. RADIUS POINT
35	68+27.00	0.54'	RT. RADIUS POINT
36	68+37.43	6.38'	RT. PT

100' V.C. M=0.16

TOWN OF  
**ADDISON**

*Faxed*

## PUBLIC WORKS

To: Rob Weber

From: James C. Pierce, Jr., P.E., DEE

Company: Ed Bell Cmst.

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2834

FAX #: 214-352-3201

Date: 5-20-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd - Signalization

Original in mail

Per your request

FYI

Call me

Comments: Referring to the Signalization Plan S-2,  
this is to direct Ed Bell Cmst. to complete  
the signalization facilities on the S.E. corner  
of Arapaho & Addison Rd, INCLUDING THE  
FACILITIES MARKED \* FUTURE ON THE  
DRAWING. This means an additional mast  
arm & pole, signal heads, video camera and  
ancillary facilities must be furnished and  
installed to make the signal functional.

The existing mast arm and pole shall  
be removed, along with the control cabinet, and  
delivered to the service center.

*J. Pierce*

cc Pat Rivera

Dave Wilde

Robin Jones

Arapaho Rd  
Construction Progress Notes

5-20-99

1. There will be no meeting in the office today due to the press of field construction work. These notes will be distributed to Pat Riveira and Dave Wilde.
2. DART wishes to start bus training runs ASAP. Pat & Jeff will meet with Leamon Parker (DART) (214-828-6838) today @ 1 PM to discuss how best to get the drivers trained and keep the road under construction. Transit center opens June 7, 1999. Pat has assured me the road will be open.
3. We need to give City of Dallas 2 weeks notice on the next traffic switch. They want a drawing showing our intentions. Pat and Jeff need to do this.
4. Tricia McQuinn, Colonnade, would like 2 weeks notice regarding the removal of pavement now being used by Arapaho traffic. Access shall be maintained for their entrance @ Sta 58+50 as per the attached sketch.

5. TU Electric. Follow-up continuing

6. Copy of concrete test report date 4/28/99 attached. AR 040502 did not meet spec.

J. Rivera

cc Pat Rivera  
Dave Wilde



**Jim Pierce**

**To:** Joel Porter (E-mail); Bobby Inmon (E-mail)

**Cc:** Slade Strickland; Mitchell; Dave Wilde

**Subject:** Electric Meters @ NE Corner Arapaho & Quorum, 15400 Quorum Drive

Joel/Bobby: One final change on the meter set-up:

Meter A shall serve the traffic signals

Meter B shall serve the irrigation controller

Meter C shall serve the sidewalk streetlights

~~Meter D shall serve the median streetlights~~ (streetlights not metered)

So we will have <sup>3</sup>4 meters there. Sorry about the last minute changes. Jim.

**DART**

Dallas Area Rapid Transit  
P.O. Box 660163  
Dallas, Texas 75266-0163  
214/749-3278

*John -  
FYI  
cc Robin*

May 10, 1999

Mr. James C. Pierce, Jr., DEE  
Town of Addison  
Public Works Department  
16801 Westgrove  
Addison, Texas 75001

Re: Addison Transit Center

Dear Mr. Pierce:

I have been informed that you visited the Arapaho construction site very shortly after our telephone conversation. I thank you for your prompt response to our concerns.

As per our discussion, DART is scheduled to open the Addison Transit Center on June 7, 1999. No later than May 20, 1999, our bus operation staff needs to gain access to the facility for testing the routes and the circulation within the facility. I understood you assured me that access will be made available from Arapaho Road by the dates indicated above.

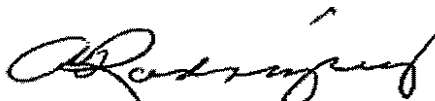
The routing to access the transit center is from Addison Road and Quorum Drive as follows:

From Addison Road: Belt Line turn north to Addison Road, turn east to Arapaho, turn north to enter the Transit Center. Reverse routing to exit.

From Quorum Drive: Belt Line turn north to Quorum, turn west to Arapaho Road, turn north to enter the Transit Center. Reverse routing to exit.

Thank you for your continuous cooperation. Please call me should you have any questions or comments.

Sincerely,



A. Rene Rodriguez, AIA  
Project Manager

RR/jv

c: Gary Thomas  
Rick Brown  
Eduardo Ugarte

Diane Gollhofer-Raines  
John Rhone  
PMFR

TOWN OF  
**ADDISON**

*Faxed*

## PUBLIC WORKS

To: Robert Weber

From: James C. Pierce, Jr., P.E., DEE

Company: Ed Bell Const

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2834

FAX #: 214-352-3201

Date: 5-12-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 2

Re: Arapaho Rd - Irrigation

Original in mail

Per your request

FYI

Call me

Comments: I have attached a copy of the "System Notes" from Sheet IR-4 regarding the irrigation system. Pertaining to Note # 2, Dave Wilde measured static pressure of 52 psi at a nearby fire hydrant. Therefore, I suggest you contact the designer, Terry Little at 972-380-4566 for instructions.

*Jim*

cc Pat Rivera

Dave Wilde

# Sheet IR-4

## SYSTEM NOTES

---

1. Field verify all dimensions prior to installing the system. If discrepancies exist notify the designer before proceeding. Copies of the planting, utilities and road construction plans shall be with the installer in the field at all times.
2. Verify a 65 psi static water pressure at each point of connection before installation is started. If lower, notify the irrigation designer for instructions as to how to proceed. Failure to do so will result in the Contractor liable for all expenses in making the system operational.
3. This layout is diagrammatic in some areas for graphic clarity. All piping, valves, etc. shall be installed with a minimum clearance of three (2) feet from the edge of the curb. Multiple valve boxes in the same area shall be installed in a straight line and evenly spaced apart. Units must be flush to finish grade and soil compacted around the box. Install nonwooden supports (bricks) under all valve boxes for stability.
4. All piping shall be flushed of all debris prior to installing heads and nozzles. Filter screens must be under each spray nozzle and caps on spray head units must be sealed.
5. Set heads perpendicular to the finish grade. Compact soil firmly around each head for stability.
6. No wire splices will be allowed between the controller and the solenoid valves. The valve "common" wire shall be spliced only at the solenoid valve and within the valve box. Flow meter wiring must be run in .75" diameter or larger gray PVC conduit as per specifications. There are two flow sensors and master valves required on this project.
7. Coordinate the installation of the system with the Landscape contractor to ensure all plant material will be irrigated in accordance with the intent of the plans and specifications. Landscape contractor must stake the outline of all planting beds before the irrigation contractor is to install any piping.



# TOWN OF ADDISON

## Public Works / Engineering

16801 Westgrove • P.O. Box 144

Addison, Texas 75001

Telephone: (214) 450-2871 • Fax: (214) 931-6643

TO Pat Rivera  
Ed Bell Const

# LETTER OF TRANSMITTAL

DATE	<u>5-12-99</u>	JOB NO.	
ATTENTION			
RE:	<u>Arapaho Rd</u>		
	<u>Bollards</u>		

### GENTLEMAN:

#### WE ARE SENDING YOU

- |   |   |
|---|---|
| <input type="checkbox"/> Attached       | <input type="checkbox"/> Under separate cover via _____ the following items:                            |
| <input type="checkbox"/> Shop Drawings  | <input type="checkbox"/> Plans <input type="checkbox"/> Samples <input type="checkbox"/> Specifications |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order <input type="checkbox"/> _____                                    |

COPIES	DATE	NO.	DESCRIPTION

### THESE ARE TRANSMITTED as checked below:

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> For approval              | <input type="checkbox"/> Approved as submitted            | <input type="checkbox"/> Resubmit _____ copies for approval   |
| <input type="checkbox"/> For your use              | <input type="checkbox"/> Approved as noted                | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested              | <input type="checkbox"/> Returned for corrections         | <input type="checkbox"/> Return _____ corrected prints        |
| <input type="checkbox"/> For review and comment    | <input type="checkbox"/> _____                            |   |
| <input type="checkbox"/> FOR BIDS DUE _____ 19____ | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US |   |

REMARKS Sample bollard is approved. However more  
quality control is needed to limit patching.  
Too much patching will be grounds for rejection

COPY TO Slade Strickland  
Dave Wilde

SIGNED: J. Perie

# **SEDALCO, INC.**



May 10, 1999

Ed Bell Construction Co.  
10805 Harry Hines .  
Dallas, TX 75220-2634

Attention: Mr. Robert Webber

Reference: Addison Transit Center  
Construction Project  
Contract No. C-97000138

Subject: Replacement of Damaged  
Light Pole

Dear Mr. Webber

Attached is the invoice from Alman Electric for the replacement of the damaged light pole on the southeast corner of Arapaho and Quorum. Pat Ravera and I have spoken about this on several occasions. He informed me that I should send this into your main office for payment. Forward a check to Alman Electric directly for the amount of 1,802.50.

Should there be any question or if you need additional information do not hesitate to call.

Sincerely

SEDALCO, INC.

ALLEN R. SMITH, JR.  
Project Manager

cc: CF:98228  
James Pierce (The City Of Addison)  
Jack Moseley (LAN/STV)

**SEDALCO, INC.**



**FAX TRANSMITTAL**

**TO:** James Pierce / 972-450-2834

**FROM:** Allen Smith, Jr.

**DATE:** 5-10-99

**RE:** Replace Damaged Light Pole

**COMMENTS:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**THE INFORMATION CONTAINED IN THIS FAX IS CONFIDENTIAL AND/OR PRIVILEGED. THIS FAX IS INTENDED TO BE REVIEWED INITIALLY BY ONLY THE INDIVIDUAL NAMED ABOVE. IF THE READER OF THIS TRANSMITTAL PAGE IS NOT THE INTENDED RECIPIENT OR A REPRESENTATIVE OF THE INTENDED RECIPIENT. YOU ARE HEREBY NOTIFIED THAT ANY REVIEW, DISSEMINATION OR COPYING OF THIS FAX TRANSMITTAL OR THE INFORMATION CONTAINED HEREIN, IS PROHIBITED. IF YOU HAVE RECEIVED THIS FAX IN ERROR, PLEASE IMMEDIATELY NOTIFY THE SENDER BY TELEPHONE AND RETURN THIS FAX TO THE SENDER AT THE ABOVE ADDRESS. THANK YOU.**



**Public Works / Engineering**  
 16801 Westgrove • P.O. Box 144  
 Addison, Texas 75001  
 Telephone: (214) 450-2871 • Fax: (214) 931-6643

# LETTER OF TRANSMITTAL

DATE	5-7-99	JOB NO.
ATTENTION		
RE:	Arapaho Rd	
	Additional Landscaped & Irrigated areas - West End	

TO Pat Rivera  
Ed Bell Construction

**GENTLEMAN:**

**WE ARE SENDING YOU**

- Attached
- Under separate cover via \_\_\_\_\_ the following items:
- Shop Drawings
- Prints
- Plans
- Samples
- Specifications
- Copy of letter
- Change order
- \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
3			Sheet IR-1, Irrigation Plan, Revised 4-21-99

**THESE ARE TRANSMITTED as checked below:**

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_
- Approved as submitted
- Approved as noted
- Returned for corrections
- \_\_\_\_\_
- Resubmit \_\_\_\_\_ copies for approval
- Submit \_\_\_\_\_ copies for distribution
- Return \_\_\_\_\_ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

**REMARKS** Furnish and install landscape & irrigation system as shown on the attached drawing. Work to be paid for by extension of contract quantities

**COPY TO** Robert Weber  
Slade Strickland  
Dave Wilde

**SIGNED:** *J. Reine*

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



Arapaho Rd

5-7-99

Called Joel Renard @ City of Dallas  
and advised of the work to remove  
the SB to NB U-turn island was  
being done today.

Also discussed the next traffic  
switch which will occur in about 2 weeks.  
Joel asked for a sketch with 2  
weeks notice.

# Arapaho Rd Const. Meeting 5-6-99

1. TU Electric - continue following  
Remove 2 poles in sidewalk @ Quorum  
Provide service for signals @ 3 locations
2. SW Bell - JEP has requested from Bob  
Sands that duct be cut. As per Sands (5/6)  
Cables will be removed by tomorrow (earliest, Monday)  
latest
3. Taste Addison May 14 & 15  
Sands will call when clear
4. Bollard Sample due any day.
5. Strength Testing  
Cores 5, 6 & 7 deficient  
Cores 6 & 7 require removal & replacement.  
awaiting response from E.B.C.  
(put on carry forward list)
6. Irrigation of Median in Spectrum Drive -  
Plan of resolution?  
Re-establish Existing System?  
-or-  
→ Extend project irrigation system
- b.a. Meet with Jose Flores @ 1:30 re  
irrigation @ Quorum II

## 7. Storm Water Pollution Protection

Item 228 Furnish, install, maintain inlet protection -

229 - Straw Bale Dike

231 - Install, maintain silt fence

This item needs maint.

Other items have not been used.

8. Road/Sidewalk location @ Millennium project has been resolved. Sidewalk narrows in this area.

9. Transit Center Opening - Discuss letter of 5-4-99

10. Next Meeting May 20<sup>th</sup>

Arapaho Rd Const Meeting

5-5-99

Sign In Sheet

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Peice	Addison	972-450-2879
<del>Pat Rivera</del>	ED Bell	<del>972</del> 214 507 4914
DAVE WILDE	Addison	972) 450-2847

**IMPORTANT MESSAGE**

FOR JIM PEIRCE  
DATE 5/5/99 TIME 4 <sup>AM</sup><sub>P.M.</sub>  
M. BOB SANDS  
OF SW BEL  
PHONE 972 234-7084  
AREA CODE NUMBER EXTENSION  
 FAX  
 MOBILE 214 992-2459 P6.  
AREA CODE NUMBER TIME TO CALL

TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL	<input checked="" type="checkbox"/>
CAME TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	<input type="checkbox"/>
WANTS TO SEE YOU	<input type="checkbox"/>	RUSH	<input type="checkbox"/>
RETURNED YOUR CALL	<input type="checkbox"/>	WILL FAX TO YOU	<input type="checkbox"/>

MESSAGE  
Will order cable cut  
in AM. Will depend on  
schedules, etc as to when  
it will be done

SIGNED JSD

**Jim Pierce**

**From:** Dave Wilde  
**Sent:** Wednesday, April 28, 1999 8:36 AM  
**To:** Jim Pierce  
**Subject:** Arapaho Questions

Jim,

These are some of the questions I have asked Pat that I think we should get more definitive answers for:

1. When are the Paver people going to start?
2. When will the Quorum sidewalks get poured?
3. What is the tree planting schedule?
4. How will access be maintained to the delivery ramp at Colonnade when the rest of old Arapaho is demo'd?
5. When is Spectrum scheduled to be poured?
6. How soon will the SE radius at Addison Rd. be put in? The delay is causing a serious failure of the pavement in Addison Rd. that may soon require the closing of the right-hand NB lane. Along with this is the hot - mix repair along the connection with the new concrete.

Some questions I'm sure Pat will want answered are:

1. When will the power be relocated and the poles removed on Quorum?
2. When will SWBT remove or cut their line on Spectrum?

Some Questions I have are:

1. Is there a list of days allowed for utility conflict to this point?
2. When will the next traffic switch take place?
3. Is there anything specific that I need to do beyond what I am doing now, or that I can do better?

I'm sure that there are more questions that I can't think of right now, but I don't get any straight answers from Pat without a lot of s—t to try to sort thru.

Thanks.

**Dave Wilde, 2847**

5-4-99

Telecon from Rene

15 May - Busses in & out - will check date

Sidewalk @ C Stne

Leave out @ Addison -

Quorum - No Sidewalk  
across  
Quorum Drive.

Phone 214-871-0568

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Kent Mendenhall

From: James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834

Company: MESA

FAX #: 214-871-1507

Date: 5-4-99

16801 Westgrove  
P.O. Box 9010  
Addison, TX 75001-9010

# of pages (including cover): 2

Re: Carv America / Arapaho Rd Project

- Original in mail
- Per your request
- FYI
- Call me

Comments: Copy of plan showing approx  
location of conduits serving the  
"Island."

*Jim*



17+50  
1/4" 1' CROSS SLOPE  
CROSS SLOPE  
SLOPE TRANSITION

6" THICK 650 PSI FLEX  
REINF. CONC. DRIVE

DRIVE  
A= 54°08'48"  
R= 32.08'  
T= 16.36'  
L= 30.25'

EXISTING IRRIGATION  
CONTACT BUILDING  
MANAGEMENT SUITE 380  
PRIOR TO DEMOLITION.

17+10.37' LT.  
COMBINATION  
SIDEWALK  
RETAINING WALL

17+05.39' LT.  
CONSTRUCT  
STREET LIGHT  
FOUNDATION

MATCH PVMT  
AT EX. JOINT

LONGITUDINAL  
BUTT JOINT

MATCH  
EX. T.C.

17+61.5' 39' LT.  
COMBINATION  
SIDEWALK  
RETAINING WALL

MATCH EX.  
T.C. 622.45

T.C. 622.00

PAV. STA. 17+69  
& 14' REC. INLET  
T.C. 620.73  
F.L. 616.73

10'R  
T.C. 622.20

T.C. 621.55

T.C. 621.70

T.C. 621.15

T.C. 620.75

DRIVE  
A= 38°41'44"  
R= 32.00'  
T= 10.61'  
L= 20.25'

BARRIER  
FREE CURB  
(TYP)

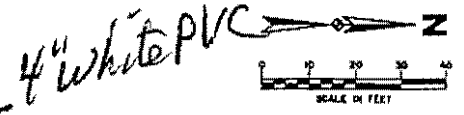
EXP. JOINT  
E 55+65.98

T.C. 621.50

EXP. JOINT

ARAPAHO RD

EXP. JOINT



SEE STREETSCAPE PLANS FOR SIDEWALK  
LANDSCAPING, IRRIGATION, LIGHTING AND  
PAVEMENT ENHANCEMENT DETAILS.

4" White PVC  
2" Gray PVC  
TOWN OF ADDISON

CROSSWALK TO BE CONSTRUCTED  
OF SPECIAL REINFORCED CONCRETE.  
SEE STREETSCAPE LAYOUT PLANS  
FOR DETAILS.

STA. 19+22.03 SPECTRUM DR. =  
STA. 56+76.73 ARAPAHO RD.

LEGEND

<b>ELECTRIC</b>	— G —	<b>WATER</b>	— W —
○	LIGHT POLE	FN ○	FIRE HYDRANT
PP ○	POWER POLE	WM ⊕	METER
—	GUY WIRE	T	WATER VALVE
<b>TELE</b>	— T —		<b>MISC.</b>
MH ●	TELEPHONE MANHOLE	48" RCP	R.C.P. REMOVAL
W	TELEPHONE PEDESTAL	— X — X —	CHAIN LINK FENCE
TS *	TELEPHONE SIGN	—	WOOD FENCE
GM ⊕	GAS METER	—	EXISTING ASPHALT
GS ⊕	GAS SIGN	—	EXISTING DIRT GRAVEL
	<b>LAND USE</b>	—	EX. CONCRETE
R/S	RAILROAD SIGN	—	TREE/TREE LIN.
□	SIGN	—	EXISTING CURB
	<b>SURVEY</b>	—	PROP. CURB
I.R.	FOUND IRON ROD	—	EX. PROPERTY
⊕	TEMP BENCHMARK	—	PROP. CENTERLINE
WW ●	WASTEWATER MANHOLE	—	PROP. R.O.W.
CO ○	CLEANOUT	—	PROP. INLET
		PVMT	TOP OF PAVEMENT
		T.C.	TOP OF CURB
		C.R.	CURB RETURN

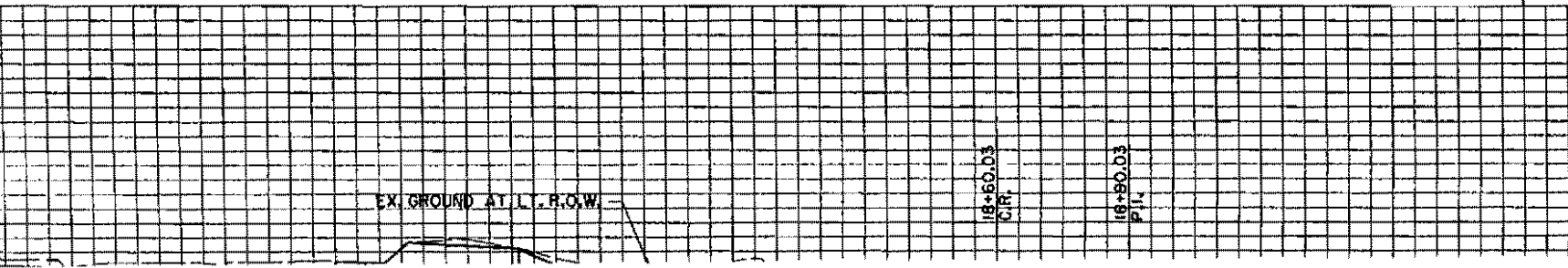
BENCHMARKS:

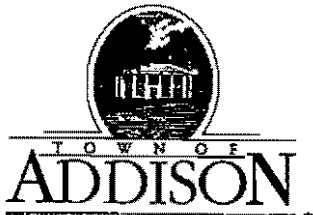
USC & GS E-921 DISK IN BRIC  
WALL OF OLD ADDISON SCHO  
HOUSE (MAGIC TIME MACHINE  
RESTAURANT) ON SOUTH WALL  
4' EAST OF CENTER OF THE  
ENTRANCE, 4.7' ABOVE THE  
GROUND.  
ELEV. 630.61

630

625

□ ON SOUTHEAST CORNER OF  
CONCRETE WALK AT FRONT  
ENTRANCE TO 4805 ARAPAHO





**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

May 4, 1999

Mr. Robert D. Weber, Project Engineer  
Ed Bell Construction  
P.O. Box 540787  
Dallas, TX 75354-0787

Re: Arapaho Road/DART Transit Center

As you know, Ed Bell Construction was contractually obligated to complete Arapaho Road from Addison Road to Quorum Drive, including Quorum Drive, and the connection to Edwin Lewis Drive, to accommodate the opening of the DART Transit Center, by a date that has since past.

Putting that completion date aside, we now know that DART intends to open the Transit Center on June 7, 1999. Approximately 2 weeks prior to that, the road needs to be open as their bus drivers need to make training runs on their new routes to prepare for the opening.

At a minimum, the intersection with Addison Road needs to be completed, sidewalks from Addison Road to and including Quorum Drive on the Transit Center side need to be completed, and the signals need to be working. If the trees could be planted in the tree wells and the lights could be installed, that would be a plus.

This is to request that you focus on and redouble your efforts to meet the needs for the Transit Center opening. Please call me at 972-450-2879 if you have any questions.

Very truly yours,

Town of Addison

James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer

cc: John Baumgartner, Director of Public Works  
Steven Priddy, President, Ed Bell Construction  
Pat Rivera, Project Coordinator, Ed Bell Construction