

NO.	DATE	REVISION	APPROV.
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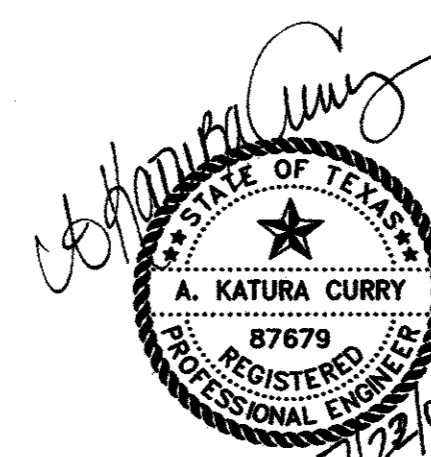
UTILITY IMPROVEMENTS

ITEM NO.	DESCRIPTION & UNIT PRICE IN WORDS	UNIT	EST. QTY.
200	10" PVC SDR 35 sanitary sewer pipe, including embedment	LF	1,396
201	12" PVC SDR 35 sanitary sewer pipe, including embedment	LF	1,177
202	4' diameter sanitary sewer manhole	EA	6
203	4' diameter sanitary sewer manhole with internal drop	EA	4
204	Connect existing sanitary sewer service	EA	6
205	24" steel encasement pipe	LF	300
206	Construct concrete encasement	CY	5
207	Remove and dispose of existing manhole	EA	5
208	Erosion control devices	LS	1
209	Remove Concrete Channel Lining	LS	1
210	Remove Existing 66" RCP	LF	763
211	Remove Existing 3-66" Headwall	EA	2
212	Remove 54" Headwall and RCP	LF	28
213	Remove 9'x5' Culvert	LF	30
214	Remove 24" RCP	LF	60
215	Remove 30" RCP	LF	16
216	Remove 30" headwall	EA	1
217	Remove CMP and headwall	LF	39
218	Remove 2-4'x2' headwall	EA	2
219	Salvage Fire Hydrant and Valve	EA	1
220	Concrete Pilot Channel	SY	85
221	8' Standard Curb Inlet	EA	6
222	10' Standard Curb Inlet	EA	3
223	12' Standard Curb Inlet	EA	1
224	8' Recessed Curb Inlet	EA	7
225	10' Recessed Curb Inlet	EA	10
226	2-8' Recessed Curb Inlet	EA	1
227	10' Modified Curb Inlet	EA	1
228	2-Grate Inlet	EA	4
229	'Y' Inlet	EA	13
230	1'x1' Grate Inlet	EA	1
231	2-10'x6' PW Wingwall	EA	1
232	1-6'x5' PW Wingwall	EA	1
233	30" - Type A Headwall	EA	1
234	36" - Type B Headwall	EA	1
235	Box Culvert Storm Manhole	EA	6
236	Type A Storm Sewer Manhole	EA	1
237	18" RCP Storm Sewer Pipe	LF	8
238	21" RCP Storm Sewer Pipe	LF	954
239	24" RCP Storm Sewer Pipe	LF	912
240	30" RCP Storm Sewer Pipe	LF	554

UTILITY IMPROVEMENTS CONT.

ITEM NO.	DESCRIPTION & UNIT PRICE IN WORDS	UNIT	EST. QTY.
241	36" RCP Storm Sewer Pipe	LF	35
242	54" RCP Storm Sewer Pipe	LF	19
243	60" RCP Storm Sewer Pipe	LF	6
244	4' X 2' Box Culvert	LF	24
245	6' X 3' Box Culvert	LF	244
246	6' X 5' Box Culvert	LF	112
247	7' X 5' Box Culvert	LF	260
248	8' X 5' Box Culvert	LF	590
249	9' X 5' Box Culvert	LF	4,516
250	10' X 5' Box Culvert	LF	512
251	10' X 6' Box Culvert	LF	1,395
252	21" RCP w/ 36" Steel Encasement by Bore & Jack	LF	48
253	24" RCP w/ 36" Steel Encasement by Bore & Jack	LF	42
254	30" RCP w/ 42" Steel Encasement by Bore & Jack	LF	38
255	4" Schedule 40 PVC	LF	1,572
256	8" Schedule 40 PVC	LF	15
257	PVC Fittings	LS	1
258	12" HDPE	LF	124
259	Concrete Pavement Removal / Replacement	SY	140
260	Concrete Driveway Removal / Replacement	SY	45
261	Fire Hydrant (including 6" water and valves)	EA	1
262	8" water line	LF	85
263	60" RCCP Water Lowering	LF	60
264	16" PVC Water Lowering	LF	20
265	8" PVC Water Lowering	LF	10
266	Trench Safety Design and Construction	LF	14,476
267	Remove sediment from 60" RCP	CY	250

NOTE:
THE QUANTITIES CONTAINED ON THIS SHEET ARE THE ORIGINAL QUANTITIES ISSUED FOR BID ON THIS PROJECT. THEY DO NOT REFLECT ANY CHANGES MADE BY ADDENDUM OR CHANGES REFLECTED IN THE ISSUED CONSTRUCTION PLANS DATED 07/22/2004. REVISED QUANTITIES SHALL BE ISSUED BY GRANTHAM & ASSOCIATES, INC. UNDER SEPARATE COVER.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:
A. KATURA CURRY
ON 7-21-04.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

DATE:	MAY 2004	SCALE:	N.T.S.	JOB NO.:	02-320
DRAWN:	G&A	DESIGN:	AKC	REVIEWED:	DWG: 320QUANT.DWG
ARAPAHO ROAD PHASE III					
UTILITIES & SIGNALIZATION QUANTITIES					
TOWN OF ADDISON					
G&A Grantham & Associates, Inc.					SHT. Q-2
<small>1919 S. SHILOH ROAD, SUITE 310, L.B. 8 GARLAND, TEXAS 75042 (972) 864-2333 (TEL) (972) 864-2334 (FAX)</small>					