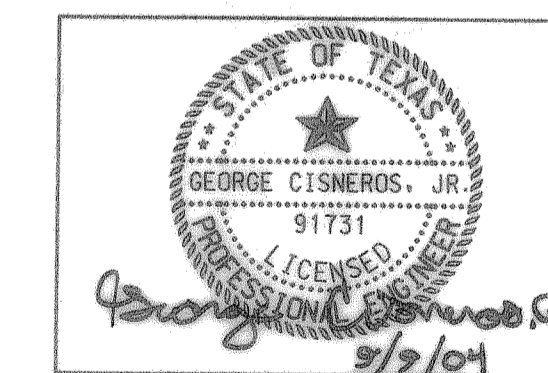
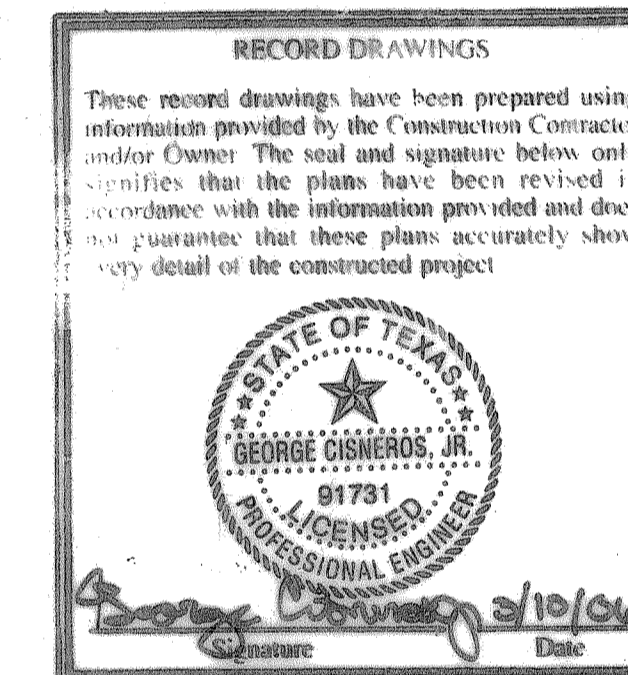


ITEM NUMBER	DESCRIPTION	UNIT	PHASE ONE											PHASE ONE SUBTOTAL	PHASE TWO					PHASE TWO SUBTOTAL	NET TOTAL		
			SH 6	SH 7	SH 8	SH 9	SH 10	SH 11	SH 12	SH 13	SH 14	SH 15	SH 15		SH 16	SH 17	SH 18	SH 19					
	MOBILIZATION	LS														1					1		2
	16", C-905, DR-18 PVC BY OPEN CUT	LF	717	771	900	838	878	900	814	882	884	483	8,067	395	900	732	900	145	3,072	11,139			
	12", C-900, CLASS 200 PVC BY OPEN CUT	LF											0			20			20	20			
	8", C-900, CLASS 200 PVC BY OPEN CUT	LF	20			20						60	100				20	20	40	140			
	16", C-905, DR-18 PVC BY BORE WITH 26" STEEL ENCASEMENT	LF		129									129			100			100	229			
	16", C-905, DR-18 PVC BY BORE / NO ENCASEMENT	LF	178			62	22			86	18	16	23			68			68	473			
	FIRE HYDRANT ASSEMBLY	EA	3	3	3	3	2	1	3	2	2	1	23	1	2	2	3	1	9	32			
	16" BUTTERFLY VALVE	EA	1		1	2	1	1	2	1	1		10	1		2	1	1	5	15			
	12" BUTTERFLY VALVE	EA											0			1			1	1			
	8" GATE VALVE	EA	1			1						3	5						0	7			
	2" PLUG	EA	1										1				1		2	1			
	8" PLUG	EA	1			1						3	5						0	1			
	12" PLUG	EA											0						0	5			
	16" PLUG	EA											0			1			1	1			
	1" WATER SERVICE	EA	1	2	3	2			1	3			12					1	1	1			
	1" WATER SERVICE LINE	LF	17	48	54	34			13	46			212						0	12			
	18" CGMP CULVERT PIPE	LF	84	125	151	100	20			165			645			19	33		52	212			
	12" CGMP CULVERT PIPE	LF	35		28								63				42		42	697			
	TxDOT TYPE II PREFAB GALV STEEL SET WITH RIPRAP FOR 18" CGMP	EA	2	8	8	6	2			10			36			2	2		4	105			
	TxDOT TYPE II PREFAB GALV STEEL SET WITH RIPRAP FOR 12" CGMP	EA	2		2								4						2	40			
	DUCTILE IRON FITTINGS	TON	1.23	0.69	0.17	0.92	0.35	0.00	1.14	0.00	0.17	0.52	5.19	0.35	1.38	0.42	0.62	0.28	3.03	8.22			
	16" 11 1/4° MJ BEND (345 LBS)	EA			1	1	2					1	7	1	2				3	10			
	16" 22 1/2° MJ BEND (345 LBS)	EA	2	4								1	7	1	4				5	12			
	16" 45° MJ BEND (340 LBS)*	EA	1									1	1	2	2	2			6	7			
	16"x16" MJ TEE (740 LBS)*	EA				1							1							1			
	16"x12" MJ TEE (590 LBS)*	EA											0			1			1	1			
	16"x8" MJ TEE (550 LBS)*	EA	1										1				1	1	2	3			
	16"x8" MJ WYE (760 LBS)*	EA	1			1				3			5						0	5			
	8" 90° BEND (125)*	EA	1										1						0	1			
	DESIGN TRENCH SAFETY SYSTEM	LS											1						1	2			
	INSTALL TRENCH SAFETY SYSTEM	LF	717	771	900	838	878	900	814	882	884	877	8,461	900	900	732	900	125	3,557	12,018			
	REMOVE REINFORCED CONCRETE PAVEMENT	SY	147		87					218			452				50		50	502			
	REMOVE ASPHALT PAVEMENT	SY		178	242	83		66	108				677						0	677			
	8" REINFORCED 3,500 PSI CONC PAVEMENT OVER 4" CEMENT STABILIZED BASE	SY	147		87				218				452				50		50	502			
	2" TYPE "D" HMDL ASPHALT CONC OVERLAY OVER 4" TYPE "B" BASE OVER 4" CSB	SY		178	242	83		66	108				677						0	677			
	6" GRAVEL DRIVEWAY	SY				104			47				151		39	39			78	229			
	EROSION & SEDIMENTATION CONTROL MEASURES	LS											1						1	2			
	TRAFFIC CONTROL PLAN	LS											1						1	2			
	SITE RESTORATION	SY	288	288	268	297	326	334	273	334	334	334	3,076	334	334	327	306	47	1,348	4,424			
													0						0	0			

\* FOR CONTRACTOR'S INFORMATION ONLY.

FITTING	WEIGHT
16" 11 1/4° MJ BEND	345 LBS.
16" 22 1/2° MJ BEND	345 LBS.
16" 45° MJ BEND	340 LBS.
16"x16" MJ TEE	740 LBS.
16"x12" MJ TEE	590 LBS.
16"x8" MJ TEE	550 LBS.
16"x8" MJ WYE	760 LBS.
8" 90° MJ BEND	125 LBS.



4			
3			
2			
1			
NO.	DATE	REVISION	APPROV.
<b>CITY OF ROCKWALL</b> "THE NEW HORIZON"			
IH-30 NORTH & FM 549 WATER LINE - PHASE ONE & TWO			
QUANTITY SHEET			
<b>TCB</b> TurnerCollie & Braden Inc. Engineers • Planners • Project Managers			
Unit	A123	Scale: Horiz. Vert.	Date SEPTEMBER 2004
Designed	GC	Checked TBS	Job No. 052131875.0001
Drawn	GBA	Approved RCR	Sheet 3 of 25