ITEM NO.	DESCRIPTION	UNIT	PAVING						DRAINAGE								20" WATERLINE													W	S	P	NET TOTAL
			9	10	11	12	13	14	20	21	22	23	24	25	29	30	31	31A	32	33	34	35	36	37	38	39	40	41	42	43	44	50	
101	MOBILIZATION	LS																															1
102	CLEARING AND GRUBBING	LS																															1
103	REMOVAL OF REINFORCED CONCRETE PAVEMENT	SY	618	473	550	582	720	457																									3400
104	UNCLASSIFIED ROADWAY EXCAVATION	CY																															2486
105	COMPACTED FILL	CY																															11270
106	8" REINFORCED CONCRETE PAVEMENT	SY	1280	1389	1528	1528	1640	2006																									9371
⚠ 107	6" REINFORCED CONCRETE PAVEMENT	SY	328	88		68	294	83																									861
108	6" LIME STABILIZED SUBGRADE	SY	1380	1500	1650	1650	1763	2080																									10023
109	HYDRATED LIME	TON	18	19	20	20	22	26																									125
110	SEQUENCING ASPHALT	SY																														318	318
⚠ 111	4" CONCRETE PAVING	SF													260	265																	525
112	2" TYPE 'B' ASPHALT BASE	TON			8																												8
113	2" TYPE 'D' ASPHALT BASE	TON			8																												8
⚠ 114	6" MONOLITHIC CURB	LF	835	1015	1100	1100	1105	675																									5830
⚠ 115	4" DOUBLE REFLECTIVE YELLOW TRAFFIC BUTTONS	EA																														82	82
⚠ 116	4" WIDE WHITE THERMOPLASTIC PAVEMENT MARKINGS	LF																														383	383
117	4" WIDE YELLOW THERMOPLASTIC PAVEMENT MARKINGS	LF																														596	596
118	8" WIDE YELLOW THERMOPLASTIC PAVEMENT MARKINGS	LF																														1060	1060
119	18" WIDE WHITE THERMOPLASTIC STOP BAR	LF																														83	83
120	24" WIDE YELLOW THERMOPLASTIC CROSSHATCH MARKER	LF																														370	370
121	ARROW AND SYMBOL PAVEMENT MARKINGS	EA																														5	5
122	BLOCK SOD	SY	623	1045	1223	1155	1084	660																									5790
123	TRAFFIC CONTROL PLAN	LS																															1
124	STORM WATER POLLUTION PREVENTION PLAN	LS																															1
⚠ 125	METAL BEAM GUARDRAIL	LF							25							98																	123
126	REMOVE AND RELOCATE MAILBOX	EA					1																										1
127	REMOVE AND REPLACE BARBED WIRE FENCE	LF		400			670	230																									1300
128	REMOVE AND REPLACE CHAIN LINK FENCE	LF					150																										150
129	REMOVE EXISTING BRIDGE AND WINGWALLS	EA		1																													1
130	REMOVE EXISTING 12" C.M.P CULVERT	LF				40	40	80																									160
131	REMOVE EXISTING 24" C.M.P CULVERT.	LF	66																														66
132	REMOVE EXISTING 24" R.C.P CULVERT.	LF	90																														90
133	REMOVE EXISTING 4' X 10' R.C.B. BOX CULVERT AND WINGWALLS	EA						1																									1
134	REMOVE EXISTING 6' X 19' R.C.B. BOX CULVERT AND WINGWALLS	EA					1																										1
⚠ 135	18" CLASS III R.C.P.	LF								82	115		136																				333
136	24" CLASS III R.C.P.	LF							55	66	194		327																				642
137	30" CLASS III R.C.P.	LF									188		228	114																			530
138	36" CLASS III R.C.P.	LF							67		108																						175
139	42" CLASS III R.C.P.	LF							120																								120
140	54" CLASS III R.C.P.	LF								223	42																						265
141	72" CLASS III R.C.P.	LF								47																							47
⚠ 142	SAFETY END TREATMENTS FOR 18" R.C.P.	EA								2			1																				3
143	SAFETY END TREATMENTS FOR 24" R.C.P.	EA							2																								2
⚠ 144	8' X 8' BOX CULVERT	CY													255	380																	635
145	10' RECESSED CURB INLET	EA									2																						2
146	15' RECESSED CURB INLET	EA								1	1	1																					3
147	20' RECESSED CURB INLET	EA									1		1																				2
148	2' X 2' DROP INLET	EA									1			1																			2
149	3' X 3' DROP INLET	EA								1																							1
150	5' X 5' DROP INLET	EA												1																			1
151	4" CONCRETE DRAINAGE FLUME	SY							14	40			20																				74
⚠ 152	8" CONCRETE APRON	SY													436	467																	903
⚠ 153	STONE RIP-RAP APRON	SY							10	92						622																	724
154	TYPE 'B' HEADWALL	CY							26.3	25.8																							52.1
⚠ 155	TXDOT ECD HEADWALL	CY													13	18																	31
⚠ 156	STRAIGHT WINGWALL	CY													10	26																	36
⚠ 157	FLARED WINGWALL	CY													30	51																	81
158	HYDROMULCH SEEDING	SY							397	243					1477	627																	2744
159	20" PVC WATERLINE	LF																465	550	550	569	508	500	500	500	500	500	500	284				5926
⚠ 160	10" PVC WATERLINE	LF																				12								125			137
161	8" PVC WATERLINE	LF															40	50	30	45	30	163											358
162	REMOVE EXISTING 18" C.M.P CULVERT.	LF																					160										160
163	18" C.M.P. CULVERT PIPE	LF																					162										162
164	SAFETY END TREATMENTS FOR 18" C.M.P.	EA																					6										6
165	30" STEEL CASING	LF																64			73	125											262
166	FIRE HYDRANT ASSEMBLY	EA																1			3	1	1										6
167	20" BUTTERFLY VALVE	EA																		1		3				1							5
168	20" FLG X MJ GATE VALVE	EA																1															1
169	12" GATE VALVE	EA																				1											1
170	10" GATE VALVE	EA																			1									1			2
171	8" GATE VALVE	EA																			2	1											3
172	6" GATE VALVE	EA																1			1												2
173	8" COMBINATION AIR AND VACUUM RELEASE VALVE	EA																2			2						1						5
174	6" COMBINATION AIR AND VACUUM RELEASE VALVE	EA																					1										1
175	4" COMBINATION AIR AND VACUUM RELEASE VALVE	EA																		1													1
176	20" TAPPING SLEEVE AND VALVE	EA																				1											1
177	10" X 10" TAPPING SLEEVE AND VALVE	EA																				1											1
178	10" X 8" TAPPING SLEEVE AND VALVE	EA															1	2	2	2	3	2	1										13
179	20" X 20" TEE (855 lbs)	EA																				1											1
180	20" X 12" TEE (755 lbs)	EA																				1											1
181	20" X 10" TEE (635 lbs)	EA																				1											1
182	20" X 6" TEE (610 lbs)	EA																			1												1
183	8" X 6" TEE (145 lbs)	EA																1			2												3
184	16" X 20" REDUCER (530 lbs)	EA																											1				1
185	20" - 45 BEND (595 lbs)	EA																				3	1	2					2				8
186	8" - 90 BEND (125 lbs)	EA																				1											1
187	REMOVE 16" PLUG	EA																											1				1
188	12" PLUG	EA																				1											1
189	8" PLUG	EA															1	2	2	2	3	1											11
190	SINGER PRESSURE SUSTAINING VALVE	EA																						1									1
191	10' x 10' PRE-CAST WATER METER VAULT	EA																						1									1
⚠ 192	CONNECTION TO EXISTING WATERLINE	EA																1				1							1	4			7
193	TRENCH SAFETY	LF							242	418	647		656	114			40	515	580	595	599	683	500	500	500	500	500	500	284				8373

W = WATERLINE LOWERING AND SANITARY SEWER LINE RELOCATION LINE "A".

S = SANITARY SEWER LINE RELOCATION LINE "B".

P = PERMANENT PAVEMENT MARKINGS.

RECORD DRAWINGS

These record drawings have been prepared using information provided by the Construction Contractor and/or Owner. The seal and signature below only signifies that the plans have been revised in accordance with the information provided and does not guarantee that these plans accurately show every detail of the constructed project.

Voranique Simon 4-2-02
Signature Date

STATE OF TEXAS
VORANIQUE V. SIMON
86381
REGISTERED
PROFESSIONAL ENGINEER

Voranique Simon 5/30/01

NO.	DATE	REVISION	APPROV.
4			
3			
2			
1	5/24	CHANGED QUANTITIES	

CITY OF ROCKWALL
"THE NEW HORIZON"

TOWNSEND DRIVE

QUANTITY SUMMARY

Turner Collie & Braden Inc.
ENGINEERS • PLANNERS • PROJECT MANAGERS

Unit	A123	Scale: Horz. 1"=20' Vert. 1"=5'		Date	FEBRUARY, 2001
Designed	VVS	Checked	TBS	Job No.	15-00925-200
Drawn	GBA	Approved	RCR	Sheet	3 of 72

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