SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PAVING SHEETS 4	5	6	7	8	9	10	11	DRAINAGE SHEETS 15	16	17	18	19	20	21	22	CHANNEL SHEETS 26	27	28	29	30	31	Box Culvert 24	Junction Box 25	S.S. Relocation 23	MISC.	TOTAL
100	Prepare Right-Of-Way	Sta.	3	5	5	5	5	5	5	1																			34
102	Clear & Grubbing (Channel)	Sta.																	5	5	5	5	3.5	1.25					24.75
104.1	Sawed Break-Out Groove	L.F.	79	88	345	366	277	421	345	206																			2,127
104.2	Remove Old Conc. Paving (Where Indicated)	S.Y.	103	377	485		444			92																			1,501
104.3	Remove Old Conc. Curb And Gutter (Where Indicated)	L.F.			92	59	52	60	10	61																			334
* 110.	Unclassified Road Excavation (Density Controlled)	C.Y.	1629	622	1867	2259	1912	2062	2885	908																			14,144
* 120	Unclassified Channel Excavation (Density Confrolled)	C.Y.																	480	1229	2406	2027	1070	434					7,646
* 130	Unclassified Borrow (Density Controlled) 25% Shrinkage	C.Y.		1725															311	4	627	61	96	5					2,829
160	Placing 4" Topsoil (In Medians)	S.Y		558	124		166	234	316																				1,398
248	Flexible Base, Type A, Grade 2, Class III (Density Controlled)	C.Y																										200	200
260.1	Lime Slurry, Type A (6% Max.) (27#/ s.y.)	Ton	40.4	54.35	67.54	61.95	65.79	60.79	58.41	12.61																			424
260.2	Lime Treated Subgrade 6" Thk. (Density Controlled)	S.Y	3180	4025.95	5002.89	4589.01	4873.05	4451.23	4326.89	934.28																			31,384
340.1	5" H.M.A.C.P., Type D, Class A (Driveway Transitions)	S.Y.	50			79.28	25	201.67	40.56																				397
340.2	6" H.M.A.C.P., Type B, Class A (Black Base For Intersections)	S.Y	750		1355		1325																						3,430
340.3	H.M.A.C.P., Type D, Class A	Ton																										300	300
360.1	8" Concrete Pavement (3000 P.S.I.)	S.Y.	2833.91	3803.28	4752.57	4354.34	4643.27	4240.73	4106.01	889.78																			29,624
360.2	6" Monolithic Concrete Curb (3000 P.S.I.)	L.F.	698.13	1717	1781.56	1315.06	1598.70	1189.40	1224.08	343.21																			9,867
360.3	6" Dowel Curb (3000 P.S.I.)	L.F.	280	15	40	45.5	30	130.5	180.5																				722
360.4	4" Non-Reinforced Conc. Median (2000 P.S.I.)	S.Y.	114.73	47.9	114.26	173.34	121.86	80.27	84.3	30.39																			768
360.5	Concrete Railroad Header	L.F.		162																									162
421.1	Class A, 8" Reinforced Concrete Plug Wall	Lump Sum																							1				1
421.2	Class A, Concrete Box Culvert	C.Y.																							109.1				109.1
421.3	Class A, Concrete Wingwalls	C.Y.																							16.1				16.1
421.4	Class A, Concrete Retaining Wall	C.Y.																							11.7				11.7
421.5	Class A, Concrete Junction Box	C.Y.																								13.0			13.0
432.1	Class A, 6" Concrete Riprap (Channel)	C.Y.																	251.5	279.0	275.0	294.5	288.2	112.7	15.4				1,517
432.2	Class A, 4" Concrete Riprap	C.Y.			13.3	5.8																							19.1
440.1	Reinforcing Steel Box Culvert	Lbs.																							19,016				19,016
440.2	Reinforcing Steel Wingwalls	Lbs.																							1,810				1,810
440.3	Reinforcing Steel Retaining Walls	Lbs.																							954				954
440.4	Reinforcing Steel Junction Box	Lbs.																								2,035			2,035
460	48" C.M.P. (14 Gage 2 2/3 x 1/2 Corrugations)	L.F.										270																	270
465.1	18" R.C.P. Class III	L.F.									58		48		34														140
465.2	21" R.C.P. Class III	L.F.									307	55	254	192	311	296	136	57											1608
465.3	24" R.C.P. Class III	L.F.									77	311					414	11											813
465.4	30" R.C.P. Class III	L.F.									38	287				252	86												663
465.5	36" R.C.P. Class III	L.F.														163													163
465.6	42" R.C.P. Class III	L.F.										272	1000	100	302	86													1,760
465.7	48" R.C.P. Class III	L.F.												440	199														639
470.1	Double 10' Recessed Inlet (Complete In Place)	Ea.										1	1																2
470.2	10' Recessed Inlet (Complete In Place)	Ea.									3	2	2	3	3	4	2	1											20
470.3	10' Standard Inlet (Complete In Place)	Ea.											2		2														4
470.4	10' Mod. Recessed Inlet (Complete In Place)	Ea.													1		1												2
470.5	6' Mod. Standard Inlet (Complete In Place)	Ea.														1													1
470.6	Mod. Standard Double Grate Inlet (Complete In Place)	Ea.															1												1
470.7	4' Dia. Manhole (6'- 8' Cut) (Complete In Place)	Ea.																		1	2								3
470.8	4' Dia. Manhole (10'- 12' Cut) (Complete In Place)	Ea.																									2		2
471	Frame And Cover	Ea.																								1			1
472	Re-Laying 18" Reinforced Concrete Sewer Pipe	L.F.									20						113												133
476	Boring 48" C.M.P. (14 Gage, 2" 2/3 x 1/2 Corrugations)	L.F.										185																	185
479.1	Adjust Water Valve	Ea.									2	2	4		3	3	2												16
479.2	Adjust Manhole	Ea.										2	1	1	2														6
479.3	Adjust Water Meter	Ea.											2	1		1	1												5
479.4	Relocate Water Valve	Ea.											1		2	1													4
479.5	Relocate Water Vault	Ea.											1																1
479.6	Relocate Fire Hydrant	Ea.										1	2	1	1	2	1												8
479.7	Relocate Water Meter	Ea.												2		2	2												6
479.8	Relocate/Lower 16" Water Main	L.F.									85	239	185																509
479.9	Relocate/Lower 12" Water Main	L.F.									25																		25
479.10	Relocate/Lower 8" Water Main	L.F.											85	90	100	105	30												410
496	Remove Exist. 10'x 4' Box Culvert & Headwalls	Lump Sum		1																									1
522	6" Concrete Curb And Gutter (As shown P/P sheet)	L.F.			117	102	30	57	6	40																			352
524	5" Concrete Driveways (3000 P.S.I.)	S.Y.	132	280		385	156	400	325																				1678
592.1	Constructing Detour A (Class 2)	Lump Sum																										1	1
592.2	Constructing Detour B (Class 2)	Lump Sum																										1	1
592.3	Constructing Detour C (Class 4)	Lump Sum																										1	1
640.1	2-2" P.V.C. Conduit (Sch. 40) (Complete In Place)	L.F.	160	410	395	420	385	370	420	85																			2645
640.2	2-3" P.V.C. Conduit (Sch. 40) (Complete In Place)	L.F.	130	90	105	75	115	130	80	90																			815
640.3	1-3" P.V.C. Conduit (Sch. 40) (Complete In PLace)	L.F.	90		270		275					40				40	40												755
640.4	Pull Box	Ea.	4	4	6	2	6	2	2	3																			29
640.5	6" P.V.C. S.D.R. 35, Sani. Sewer (4'-6' Cut)	L.F.																	190	178							30		398
640.6	12" P.V.C., S.D.R. 35, Sani. Sewer (6'-8' Cut)	L.F.																		20									20
640.7	12" Ductile Iron Sani. Sewer	L.F.																		45									45
640.8	10" P.V.C. Pipe Sani. Sewer Encasement (8'-10' Cut)	L.F.																									24		24
640.9	8" P.V.C., S.D.R. 35, Sani. Sewer, Bored, (4'-6' Cut)	L.F.																									53		53
640.10	5" P.V.C., S.D.R. 35, Sani. Sewer (4'-6' Cut)	L.F																									24		24
640.11	3" P.V.C. (Sch. 40) Conduit, Bored	L.F.										30																	30
640.12	2" Gate Valve W/Taps	Ea.										1				1	1												3
752.1	4" Traffic Button Single Refl. P-15W	Ea.	44	52	40	52	40	48	52	12																			340
752.2	8" Traffic Button Single Refl. P-18-IW	Ea.	22	3	29	20	25	10	10	8																			127
754.1	4" Traffic Button Non-Refl. P-7-W	Ea.	220	260	200	240	200	240	260	60																			1700
580	FIELD OFFICE, TYPE A	Ea																										1	1

INDEX TO DRAWINGS

SHEET	DESCRIPTION
1	SUMMARY OF QUANTITIES & INDEX
2	RIGHT OF WAY MAP
3A	CONSTRUCTION SEQUENCE
3B	DETOUR A & B
3C	DETOUR C
4	PAVING P/P 0+00 to 5+00
5	PAVING P/P 5+00 to 10+00
6	PAVING P/P 10+00 to 15+00
7	PAVING P/P 15+00 to 20+00
8	PAVING P/P 20+00 to 25+00
9	PAVING P/P 25+00 to 30+00
10	PAVING P/P 30+00 to 35+00
11	PAVING P/P 35+00 to 36+29
12	PAVING DETAIL A
13	PAVING DETAIL B
14	DRAINAGE AREA MAP
15	DRAINAGE P/P LINE A & B (PAVING STA 0+00 to 5+00)
16	DRAINAGE P/P LINE A, B, C1, C2, D (PAVING STA 5+00 to 10+00)
17	DRAINAGE P/P LINE C1, C2 (PAVING STA 10+00 to 15+00)
18	DRAINAGE P/P LINE C3 (PAVING STA 15+00 to 20+00)
19	DRAINAGE P/P LINE C3 (PAVING STA 20+00 to 25+00)
20	DRAINAGE P/P LINE C3 (PAVING STA 25+00 to 30+00)
21	DRAINAGE P/P LINE C3 (PAVING STA 30+00 to 35+00)
22	DRAINAGE P/P LINE C3 (PAVING STA 35+00 to 36+29)
23	SANITARY SEWER RELOCATION DETAIL
24	9 x 5 BOX CULVERT DETAIL
25	JUNCTION BOX DETAIL
26	DRAINAGE DITCH P/P STA 0+00 to 5+00
27	DRAINAGE DITCH P/P STA 5+00 to 10+00
28	DRAINAGE DITCH P/P STA 10+00 to 15+00
29	DRAINAGE DITCH P/P STA 15+00 to 20+00
30	DRAINAGE DITCH P/P STA 20+00 to 23+50
31	DRAINAGE DITCH P/P STA 23+50 to 24+66
32	DRAINAGE DITCH DETAIL
33	STANDARD CURB INLET DETAILS
34	RECESSED CURB INLET DETAILS
35	TYPICAL MANHOLE STANDARD DETAILS
36	TYPICAL PULL BOX DETAILS
	T.H.D. - PARALLEL WINGS NORMAL (PWN)
	T.H.D. - FLARED WINGS NORMAL (FWN)
	T.H.D. - SINGLE CULVERTS (SC-NA)
	T.H.D. - LENGTHENING DETAILS (SCL-30°)

** Cross Section Sheets For Roadway And Drainage Ditch Provided Upon Request.*

NO.	REVISION	BY	DATE

CITY OF ADDISON
DALLAS COUNTY, TEXAS

MIDWAY ROAD IMPROVEMENTS

SHEET INDEX & SUMMARY OF QUANTITIES

GINN, INC.
Consulting Engineers — Dallas, Texas

DESIGNED-	TABULATED-	DATE- March, 1981	
APPROVED-	CHECKED-		SHEET 1 OF