

CALCULATIONS AND SUBSUMMARIES

SHEET NO.	ROADWAY				202	202	606	609							
					GUARDRAIL REMOVED	CURB REMOVED	GUARDRAIL, TYPE 5A	CURB, TYPE 6							
REF.	LOCATION				LIN.FT.	LIN.FT.	LIN.FT.	LIN.FT.							
20	R-1	STA. 201+45.00, RT. TO STA. 205+00.00, RT.					366	366							
20	R-2	STA. 201+46.00, RT. TO STA. 205+00.00, RT.				350		350							
21	R-3	STA. 205+00.00, RT. TO STA. 209+00.00, RT.					400		400						
21	R-4	STA. 205+00.00, RT. TO STA. 209+00.00, RT.				400		400							
22	R-5	STA. 209+00.00, RT. TO STA. 210+15.00, RT.					115		115						
22	R-6	STA. 209+00.00, RT. TO STA. 210+15.00, RT.				112.5		112.5							
TOTALS					862.50	881	862.50	881							

SHEET NO.	DRAINAGE				202	603									
					PIPE REMOVED, 24" AND UNDER	15" CONDUIT, TYPE F, 707.05, TYPE C									
REF.	LOCATION				LIN.FT.	LIN.FT.									
21	D-1	STA. 206+75.08, 12.67' RT. TO STA. 206+81.86, 50.04' RT.				47	47								
TOTALS					47	47									

PAVEMENT				404	407										
				ASPHALT CONCRETE, AC-20	TACK COAT										
STATION TO STATION	LENGTH	AVE. WIDTH	PAVEMENT AREA	SQ.YDS.	GAL.										
	FEET	FEET	SQ.YDS.	SQ.YDS.	GAL.										
STA. 201+70.00 TO STA. 210+00.00	830.00	25.5	2,352	82	177										
TOTALS				82	177										

SHEET NO.	UNDERDRAINS				603	605								
					6" CONDUIT, TYPE F 707.17 NON-PERFORATED, ASTM D-3034 SDR 35, SS931 OR SS944	6" SHALLOW PIPE UNDERDRAIN								
REF.	LOCATION				LIN.FT.	LIN.FT.								
20	UD-1	STA. 201+45.00, RT. TO STA. 203+50.62, RT.				10	196							
20	UD-2	STA. 203+50.62, RT. TO STA. 205+00.00, RT.					150							
21	UD-3	STA. 205+00.00, RT. TO STA. 206+03.79, RT.				10	94							
21	UD-4	STA. 206+03.79, RT. TO STA. 206+75.08, RT.				10	62							
21	UD-5	STA. 206+75.08, RT. TO STA. 209+01.98, RT.				10	217							
22	UD-6	STA. 209+01.98, RT. TO STA. 210+15.00, RT.					115							
TOTALS					40	834								

ALL QUANTITIES HAVE BEEN CARRIED TO GENERAL SUMMARY, SEE SHEETS 13 & 14.

ITEM 659 - WATER
 120 GALLONS/1,000 SQ. FT. OF PERMANENT SEEDING AND MULCHING AREA FROM ITEM 659 - SEEDING AND MULCHING = 1,710 SQ. YDS.
 1,710 x 9 / 1,000 x 120 GALLONS = 1,846.80 GALLONS = 2 M GAL.

ITEM 659 - COMMERCIAL FERTILIZER
 20 LBS. /1,000 SQ. FT. OF PERMANENT SEEDING AND MULCHING AREA FROM ITEM 659 - SEEDING AND MULCHING = 1,710 SQ. YDS.
 1,710 x 9 / 1,000 x 20 LBS. / 2,000 LBS./TON = 0.15 TONS

ITEM 659 - AGRICULTURAL LIMING
 100 LBS. /1,000 SQ. FT. OF PERMANENT SEEDING AND MULCHING AREA FROM ITEM 659 - SEEDING AND MULCHING = 1,710 SQ. YDS.
 1,710 x 9 / 1,000 x 100 LBS. / 2,000 LBS./TON = 0.77 TONS