

SUMMARY OF GRADING QUANTITIES

No allowance for swell or shrinkage

Station	Cut Cu. Yds.	Fill Cu. Yds.	Balances	Borrow	Waste	Notes	Station	Cut Cu. Yds.	Fill Cu. Yds.	Balances	Borrow	Waste	Notes	Station	Cut Cu. Yds.	Fill Cu. Yds.	Balances	Borrow	Waste	Notes	Station	Cut Cu. Yds.	Fill Cu. Yds.	Balances	Borrow	Waste	Notes
0+00	133.30	1.80					76+00	0.0	458.40					192+00	0.0	136.480					288+00	57.90	123.60				
1+00	205.90	0.0					77+00	244.50	22.20					193+00	6.50	835.60					289+00	129.60	142.60				
2+00	225.00	1.70					78+00	560.20	0.0					194+00	405.50	3.70					290+00	56.80	354.60				
3+00	145.10	5.60					79+00	597.20	0.0					195+00	1076.80	0.0					291+00	8.80	233.40				
4+00	124.10	6.50					80+00	451.00	0.0					196+00	933.40	0.0					292+00	47.50	0.0				
5+00	83.30	13.00					81+00	298.20	0.0					197+00	432.40	7.40					293+00	432.30	0.0				
6+00	78.80	13.90					82+00	256.40	0.0					198+00	16.70	120.40					294+00	178.40	67.80				
7+00	22.30	14.90					83+00	166.70	0.0					199+00	72.20	29.60					295+00	200.00	111.10				
8+00	63.90	8.90					84+00	388.90	0.0					200+00	312.90	0.0					296+00	112.30	0.0				
9+00	68.40	24.10					85+00	198.10	0.0					201+00	206.40	118.20					297+00	182.20	204.10				
10+00	142.50	2.80					86+00	103.70	0.0					202+00	11.10	1081.50					298+00	30.60	2380.10				
11+00	91.70	2.80					87+00	85.20	80.60					203+00	452.80	329.60					299+00	620.50	0.0				
12+00	23.20	31.10					88+00	0.0	216.70					204+00	1013.10	0.0					300+00	437.50	0.0				
13+00	7.30	109.30					89+00	2.80	219.80					205+00	719.50	0.0					301+00	429.70	0.90				
14+00	5.80	32.60					90+00	75.90	241.10					206+00	33.30	737.00					302+00	25.90	723.20				
15+00	12.10	83.30					91+00	132.40	0.0					207+00	0.0	1635.20					303+00	0.0	2714.20				
16+00	12.00	64.90					92+00	168.50	0.0					208+00	1.90	1023.20					304+00	0.0	891.70				
17+00	13.90	33.70					93+00	112.10	74.0					209+00	57.50	136.10					305+00	27.90	366.60				
18+00	40.80	7.30					94+00	26.90	20.40					210+00	348.10	3.70					306+00	1063.90	0.0				
19+00	28.70	40.80					95+00	175.90	0.0					211+00	466.70	0.0					307+00	164.40	0.0				
20+00	26.00	11.10					96+00	11.10	115.70					212+00	288.30	2.80					308+00	453.10	458.40				
21+00	1.00	37.40					97+00	0.0	312.40					213+00	285.20	13.90					309+00	0.0	1898.20				
22+00	0.0	102.80					98+00	0.0	288.20					214+00	608.70	0.0					310+00	0.0	895.40				
23+00	1.80	83.90					99+00	0.0	288.20					215+00	1218.90	0.0					311+00	0.0	1604.60				
24+00	33.40	7.90					100+00	11.10	101.80					216+00	624.30	24.60					312+00	0.0	435.20				
25+00	31.10	13.30					101+00	40.80	36.20					217+00	1082.70	668.20					313+00	303.80	115.80				
26+00	145.80	0.0					102+00	77.80	0.90					218+00	1888.90	0.0					314+00	161.430	0.0				
27+00	305.90	0.0					103+00	153.70	0.0					219+00	737.90	0.0					315+00	76.760	0.0				
28+00	200.00	14.20					104+00	312.10	0.0					220+00	88.00	25.90					316+00	749.10	0.0				
29+00	11.20	102.90					105+00	388.90	0.0					221+00	0.0	295.90					317+00	0.0	1027.80				
30+00	470	203.70					106+00	538.20	0.0					222+00	0.0	410.20					318+00	1502.80	82.430				
31+00	0.0	527.80					107+00	656.50	0.0					223+00	0.0	335.20					319+00	917.60	0.0				
32+00	0.0	529.70					108+00	346.30	0.00					224+00	0.0	476.00					320+00	616.70	0.0				
33+00	30.60	99.10					109+00	83.40	25.90					225+00	0.0	476.00					321+00	276.90	0.0				
34+00	33.40	63.90					110+00	27.70	61.10					226+00	0.0	472.20					322+00	345.90	0.0				
35+00	1.90	363.90					111+00	6.30	96.30					227+00	37.0	196.30					323+00	1073.80	0.0				
36+00	121.40	146.30					112+00	0.00	238.00					228+00	118.60	1.70					324+00	541.90	2.60				
37+00	495.40	0.0					113+00	0.0	351.80					229+00	230	60.20					325+00	170.40	47.30				
38+00	520.40	0.0					114+00	23.10	131.50					230+00	469.90	359.30					326+00	26.480	15.80				
39+00	76.90	636.90					115+00	189.80	8.30					231+00	251.80	21.30					327+00	155.50	12.90				
40+00	188.40	517.70					116+00	404.60	0.0					232+00	107.60	9.00					328+00	40.80	10.20				
41+00	37.60	328.10					117+00	319.50	0.0					233+00	560	165.70					329+00	0.90	158.40				
42+00	206.90	226.00					118+00	89.00	39.80					234+00	99.10	65.80					330+00	6.50	838.70				
43+00	63.60	0.0					119+00	185.20	17.60					235+00	137.60	67.10					331+00	5.60	64.80				
44+00	523.40	0.0					120+00	604.70	0.0					236+00	0.0	185.460					332+00	27.80	13.90				
45+00	118.30	78.80					121+00	728.70	0.0					237+00	273.50	374.00					333+00	1.90	34.60				
46+00	1.90	445.40					122+00	634.20	0.0					238+00	63.70	52.80					334+00	12.00	99.10				
47+00	11.10	320.30					123+00	544.40	0.0					239+00	257.40	101.90					335+00	57.20	0.0				
48+00	59.30	83.80					124+00	111.10	28.60					240+00	1399.10	0.0					336+00	1117.10	0.0				
49+00	20.80	197.30					125+00	0.0	709.30					241+00	291.50	21.80					337+00	705.10	0.0				
50+00	58.40	94.50					126+00	0.0	425.430					242+00	0.0	294.50					338+00	284.30	0.0				
51+00	15.70	282.40					127+00	0.0	132.040					243+00	0.0	827.80					339+00	38.00	2.60				
52+00	0.0	52.20					128+00	1300.00	0.0					244+00	184.30	37.00					340+00	3.30	379.20				
53+00	0.0	85.60					129+00	790.80	0.0					245+00	348.20	0.0					341+00	307.30	0.90				
54+00	0.0	146.20					130+00	1266.70	0.0					246+00	1352.80	0.0					342+00	30.60	421.40				
55+00	0.0	1408.60					131+00	1818.50	0.0					247+00	670.90	33.10					343+00	279.70	111.10				
56+00	39.0	517.60					132+00	751.90	28.70					248+00	548.90	45.20					344+00	116.70	135.20				
57+00	512.10	0.0					133+00	17.60	597.20					249+00	835.00	6.50					345+00	0.0	679.60				
58+00	1126.80	0.0					134+00	0.0	1517.60					250+00	13.90	613.00					346+00	5.80	10.80				
59+00	987.10	0.0					135+00	7.40	902.60					251+00	43.50	570.40					347+00	51.220	0.0				
60+00	901.90	0.0					136+00	14.80	674.50					252+00	259.20	12.00					348+00	558.50	0.0				
61+00	769.40	0.90					137+00	312.90	370.10					253+00	587.90	0.0					349+00	750.00	0.0				
62+00	136.00	927.90					138+00	196.70	0.0					254+00	876.00	0.0					350+00	238.70	0.90				

SUMMARY OF GRADING QUANTITIES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Ham.	Ham.	5-B	1929	42-B	86

No allowance for swell or shrinkage

Station	Cut cu. yds.	Fill cu. yds.	Balances	Borrow	Waste	Notes	Station	Cut cu. yds.	Fill cu. yds.	Balances	Borrow	Waste	Notes	Station	Cut cu. yds.	Fill cu. yds.	Balances	Borrow	Waste	Notes	Station	Cut cu. yds.	Fill cu. yds.	Balances	Borrow	Waste	Notes
384+00	1481.10	0.0					479+00	0.0	313.99					574+00	0.0	388.20					669+00	0.0	1406.30				
385+00	1551.30	0.0					480+00	0.0	1300.99					575+00	0.0	975.00					670+00	3.8	213.90				
386+00	904.60	0.0					481+00	0.0	1022.20					576+00	0.0	1713.00					671+00	27.870	68.50				
387+00	58.40	171.30					482+00	1071.10	38.90					577+00	0.0	1567.60					672+00	423.70	0.0				
388+00	320	199.10					483+00	1544.60	0.0					578+00	0.0	1925.70					673+00	1397.10	0.0				
389+00	121.80	50.00					484+00	1003.70	0.0					579+00	410.30	91.80					674+00	2814.90	0.0				
390+00	165.70	0.0					485+00	284.20	168.50					580+00	1340.70	0.0					675+00	2630.40	0.0				
391+00	253.70	0.0					486+00	6.50	532.20					581+00	1003.80	0.0					676+00	1278.70	0.0				
392+00	174.80	37.60					487+00	64.90	17.60					582+00	54.60	404.70					677+00	778.70	0.0				
393+00	506.50	0.0					488+00	17.60	108.40					583+00	101.80	84.10					678+00	570.40	0.0				
394+00	156.50	23.40					489+00	1.90	187.00					584+00	27.80	232.40					679+00	558.30	0.0				
395+00	0.0	1149.60					490+00	276.80	3.70					585+00	0.0	434.30					680+00	213.90	48.10				
396+00	185.70	444.30					491+00	287.10	0.0					586+00	16.70	153.30					681+00	0.90	289.90				
397+00	343.50	13.00					492+00	69.40	101.80					587+00	239.80	3.80					682+00	0.0	300.00				
398+00	13.40	282.40					493+00	17.60	251.40					588+00	242.60	0.0					683+00	0.0	277.80				
399+00	9.20	153.40					494+00	158.90	0.0					589+00	107.50	0.70					684+00	0.0	512.20				
400+00	15.30	145.70					495+00	142.60	0.0					590+00	28.70	188.20					685+00	0.0	351.00				
401+00	366.70	8.50					496+00	372.20	0.0					591+00	0.0	910.10					686+00	0.0	617.80				
402+00	190.00	148.40					497+00	120.60	20.40					592+00	0.0	92.90					687+00	96.30	207.50				
403+00	257.50	56.50					498+00	0.30	419.40					593+00	0.0	1679.70					688+00	183.30	281.40				
404+00	750.00	0.0					499+00	0.0	641.10					594+00	0.0	181.50					689+00	222.20	0.0				
405+00	322.40	3.90					500+00	0.0	363.30					595+00	0.0	1044.40					690+00	256.90	0.0				
406+00	99.10	30.50					501+00	223.10	18.30					596+00	243.40	434.90					691+00	71.30	22.20				
407+00	251.70	62.00					502+00	178.60	22.60					597+00	1977.00	0.0					692+00	0.0	284.20				
408+00	150	971.60					503+00	64.80	28.70					598+00	2997.80	0.0					693+00	0.0	333.30				
409+00	183.90	24.90					504+00	2.80	327.80					599+00	1787.00	0.0					694+00	0.0	852.80				
410+00	26.30	103.80					505+00	1.10	473.10					600+00	599.00	0.0					695+00	222.00	114.80				
411+00	76.90	488.10					506+00	12.60	6.00					601+00	329.70	1.40					696+00	390.70	0.0				
412+00	78.70	163.90					507+00	190.70	93.40					602+00	125.70	37.40					697+00	0.0	1010.20				
413+00	50.00	141.70					508+00	26.90	208.50					603+00	110.20	38.00					698+00	27.80	106.50				
414+00	0.0	461.10					509+00	73.10	41.70					604+00	85.20	27.80					699+00	37.80	1352.70				
415+00	0.0	401.70					510+00	390.00	56.40					605+00	2.80	344.00					700+00	124.60	12.80				
416+00	0.0	461.10					511+00	193.30	157.00					606+00	0.0	580.50					701+00	278.20	7.60				
417+00	21.10	141.00					512+00	0.0	751.80					607+00	0.0	756.50					702+00	246.90	0.0				
418+00	581.90	0.0					513+00	0.0	968.50					608+00	0.0	633.80					703+00	2867.80	0.0				
419+00	644.80	0.0					514+00	0.0	968.50					609+00	0.0	213.30					704+00	2121.40	0.0				
420+00	277.20	0.0					515+00	0.0	82.030					610+00	187.30	0.0					705+00	1367.50	0.0				
421+00	712.10	0.0					516+00	0.0	67.40					611+00	213.70	209.20					706+00	774.00	0.0				
422+00	142.60	12.10					517+00	1771.10	0.0					612+00	141.50	344.70					707+00	95.40	651.90				
423+00	216.70	0.70					518+00	0.0	108.40					613+00	0.0	2044.30					708+00	40.70	184.30				
424+00	151.80	0.40					519+00	720.70	0.0					614+00	0.0	1690.80					709+00	151.80	12.10				
425+00	15.90	294.80					520+00	587.10	0.0					615+00	0.0	376.70					710+00	22.10	679.30				
426+00	0.0	842.70					521+00	222.20	0.0					616+00	583.30	48.70					711+00	0.0	1176.40				
427+00	0.50	148.20					522+00	563.90	0.0					617+00	1723.40	0.0					712+00	209.10	26.90				
428+00	0.50	142.50					523+00	514.80	0.0					618+00	88.00	166.60					713+00	124.00	86.70				
429+00	54.00	31.80					524+00	341.60	0.0					619+00	883.70	0.0					714+00	36.10	158.40				
430+00	358.80	0.0					525+00	341.60	0.0					620+00	88.00	166.60					715+00	103.30	112.90				
431+00	36.520	0.0					526+00	229.70	7.30					621+00	41.70	265.80					716+00	1720	465.90				
432+00	47.20	371.20					527+00	8.00	113.90					622+00	560	189.400					717+00	0.0	1181.10				
433+00	38.00	282.70					528+00	0.20	235.00					623+00	163.70	13.90					718+00	46.30	126.70				
434+00	208.30	0.0					529+00	0.0	386.20					624+00	223.20	0.0					719+00	104.40	1467.60				
435+00	124.50	23.60					530+00	36.10	201.80					625+00	366.70	0.0					720+00	157.40	313.80				
436+00	0.40	440.70					531+00	184.10	0.0					626+00	223.20	108.80					721+00	456.30	0.0				
437+00	0.0	512.10					532+00	31.50	21.30					627+00	271.30	1.80					722+00	421.80	26.20				
438+00	0.0	468.80					533+00	0.0	873.80					628+00	441.70	18.80					723+00	82.50	595.60				
439+00	0.0	685.20					534+00	0.0	345.50					629+00	397.30	0.0					724+00	44.00	1672.40				
440+00	51.40	106.70					535+00	132.20	261.0					630+00	151.80	9.30					725+00	41.70	329.70				
441+00	111.60	0.0					536+00	811.30	280					631+00	7.10	237.10					726+00	204.50	0.0				
442+00	1582.20	0.0					537+00	61.570	0.0					632+00	0.0	581.50					727+00	197.00	139.30				
443+00	624.40	0.0					538+00	314.90	0.0					633+00	0.0	842.60					728+00	58.30	307.40				
444+00	639.80	0.0					539+00	432.50	0.0					634+00	78.20	871.20					729+00	830	362.00				
445+00	423.10	0.0					540+00	213.90	0.50					635+00	834.80	0.0											

SUMMARY OF GRADING QUANTITIES

No allowance for swell or shrinkage.

Station	Cut cu.Yds.	Fill cu.Yds.	Balances	Borrow	Waste	Notes	Station	Cut cu.Yds.	Fill cu.Yds.	Balances	Borrow	Waste	Notes
763+00	12.00	148.20					857+00	146.30	3.20				
764+00	31.10	84.40					858+00	78.70	41.30				
765+00	477.80	2.70					859+00	76.90	127.80				
766+00	144.80	112.30	C = 5885.00				860+00	176.00	26.90				
767+00	15.00	447.20	F = 4489.00		1396.00		861+00	259.30	0.0				
768+00	68.50	704.60					862+00	61.50	509.90				
769+00	88.20	86.10					863+00	85.50	307.20				
770+00	0.0	525.90					864+00	481.80	0.0				
771+00	37.00	179.10					865+00	340.40	84.50				
772+00	200.00	0.0					866+00	144.40	137.10				
773+00	155.60	33.30					867+00	514.80	0.0				
774+00	4.20	324.10					868+00	275.90	54.70				
775+00	58.80	11.10					869+00	63.90	292.60				
776+00	7.60	70.40					870+00	76.90	291.60				
777+00	36.30	66.30					871+00	38.90	375.00				
778+00	191.30	70.40					872+00	228.70	76.90				
779+00	418.40	491.20					873+00	641.20	0.0				
780+00	164.70	337.00					874+00	627.00	0.0				
781+00	0.0	902.10					875+00	383.40	0.0				
782+00	375.00	45.60					876+00	182.90	84.90				
783+00	358.20	51.90					877+00	126.60	34.0				
784+00	26.60	609.50											
785+00	249.60	0.0											
786+00	78.20	537.60											
787+00	123.20	579.60	C = 2850.00										
788+00	123.20	371.30	F = 6762.00	3912.00									
789+00	68.80	565.50											
790+00													
791+00	173.00	360.60											
792+00	0.70	818.70											
793+00	2.30	145.40											
794+00	78.30	25.90											
795+00	271.10	0.0											
796+00	184.80	12.30											
797+00	289.90	0.0											
798+00	380.70	0.0											
799+00	88.20	230.60											
800+00	1.90	300.00											
801+00	63.00	21.10	C = 1527.00										
802+00	33.40	55.60	F = 2077.00	550.00									
803+00	2.30	110.20											
804+00	129.10	2.30											
805+00	266.70	20.40											
806+00	1.90	659.90											
807+00	144.80	64.70											
808+00	259.30	6.50											
809+00	34.90	285.20											
810+00	0.0	328.70											
811+00	3.20	114.80											
812+00	219.40	8.30											
813+00	80.60	4.60											
814+00	128.80	12.10											
815+00	241.70	0.0											
816+00	107.40	4.20											
817+00	7.00	191.90											
818+00	110.20	84.30	C = 2357.00										
819+00	112.70	26.80	F = 1834.00	503.00									
820+00	492.60	0.0											
821+00	159.30	488.40											
822+00	28.30	428.90											
823+00	80.80	58.20											
824+00	3.00	79.00											
825+00	112.00	387.50											
826+00	258.40	294.40											
827+00	2.60	1271.30											
828+00	122.20	8.30											
829+00	250.00	0.0											
830+00	124.60	45.40											
831+00	3.20	219.00											
832+00	9.50	78.10											
833+00	101.80	19.50											
834+00	193.70	10.20											
835+00	167.80	36.10											
836+00	40.00	84.20											
837+00	22.70	131.50											
838+00	0.0	749.60											
839+00	150.70	45.90	C = 2201.00										
840+00	377.80	0.0	F = 4430.00	2290.00									
841+00	811.10	0.0											
842+00	280.90	115.80											
843+00	20.00	370.40											
844+00	241.70	40.70											
845+00	531.50	0.60											
846+00	388.90	0.60											
847+00	370.40	0.0											
848+00	405.60	0.90											
849+00	249.10	0.90											
850+00	108.50	26.90											
851+00	97.20	80.60											
852+00	93.50	83.30											
853+00	82.40	134.20											
854+00	87.00	150.00											
855+00	81.50	58.30											
856+00	44.40	256.80											
857+00	71.30	60.20											