

DETAIL SUMMARY SHEET OF MISCELLANEOUS QUANTITIES & ESTIMATE OF QUANTITIES

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN, EDITION OF 1941
 APPROVED SEPT. 26, 1941, FEDERAL AID SPECIAL PROVISIONS APPROVED AS STANDARD NOV. 8, 1948 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY
SP	CLEARING & GRUBBING	STA	182
2106-3	STONE PILES & STONE FENCES	C.Y.	490
SP	UNCLASSIFIED EXCAVATION	C.Y.	7,943
SP	BORROW EXCAVATION	C.Y.	6,649
SP	GRADING & RESHAPING	STA	416
2110-1	SAND GRAVEL FILL	C.Y.	23,523
2324-1	GRAVEL OR CR. STONE BASE COURSE	C.Y.	21,737
SP	BIT. MAT. FURNISHING, APPLICATION & MANIPULATION	GAL.	98,000
2411-33	CGSM PIPE CULVERT 18"	LIN. FT.	884
SP	CGSM PIPE ARCH 29" X 18"	LIN. FT.	676
SP	CGSM PIPE ARCH 36" X 22"	LIN. FT.	624
SP	SECTIONAL PLATE PIPE ARCH 10' SPAN	LIN. FT.	116
2523-3	MARKER POSTS	EACH	40

GRAVEL OR CR. STONE BASE COURSE

BASE COURSE 415.6 STATIONS
 38.6 C.Y./STA = 16 042 C.Y.

43 P.E. 4 C.Y./P.E. 15 S.R. 8 C.Y./S.R. 292 C.Y.

SURFACE COURSE 415.6 STATIONS
 13.0 C.Y./STA = 540 3 C.Y.

GRAND TOTAL 21,737 C.Y.

PIPE CULVERTS

PIPE ARCH	STATION	DIA. INCHES	LENGTH LIN. FT.	TYPE	PE & SR LT. RT.	MARK ERS	PIPE ARCH	STATION	DIA. INCHES	LENGTH LIN. FT.	TYPE	PE & SR LT. RT.	MARK ERS
	383 + 90	18	28	CGSM	✓		✓	0 + 75	29 X 18	30	CGSM	✓	
✓	386 + 96	36 X 22	44	"	✓	2	✓	10 + 94	2-10 X 6.5	116	"	✓	2
	390 + 46	18	36	"			✓	18 + 60	18	28	"	✓	
	391 + 80	18	28	"			✓	26 + 00	29 X 18	38	"	✓	2
✓	399 + 12	36 X 22	40	"	✓	2	✓	35 + 67	29 X 18	28	"	✓	
✓	408 + 00	29 X 18	40	"	✓	2	✓	46 + 20	18	28	"	✓	
	415 + 33	18	28	"			✓	54 + 50	29 X 18	48	"	✓	2
	416 + 12	18	28	"			✓	57 + 45	18	28	"	✓	
							40	91 + 12	18	28	"	✓	
								94 + 86	18	28	"	✓	
								98 + 86	18	28	"	✓	
TOTALS		29 X 18	676	CGSM PIPE ARCH			✓	102 + 35	36 X 22	38	"	✓	2
		36 X 22	624	" " "									
		10' SPAN	116	SECT. PLATE ARCH									
		18	884	CGSM PIPE CULVERT									

PIPE CULVERTS

PIPE ARCH	STATION	DIA. INCHES	LENGTH LIN. FT.	TYPE	PE & SR LT. RT.	MARK ERS	PIPE ARCH	STATION	DIA. INCHES	LENGTH LIN. FT.	TYPE	PE & SR LT. RT.	MARK ERS
	119 + 25	18	28	GGSM			✓						
✓	123 + 41	36 X 22	38	"	✓		✓						2
	126 + 78	18	28	"			✓						
✓	146 + 70	29 X 18	28	"			✓						
✓	147 + 64	29 X 18	28	"			✓						
	161 + 00	36 X 22	50	"	✓		✓						2
✓	168 + 55	36 X 22	28	"			✓						
	174 + 88	18	28	"			✓						
✓	177 + 34	29 X 18	36	"			✓						
	183 + 15	18	28	"			✓						
✓	187 + 94	18	28	"			✓						
✓	199 + 51	36 X 22	38	"	✓		✓						2
	202 + 20	18	28	CGSM			✓						
	203 + 20	18	28	"			✓						
	207 + 67	18	28	"			✓						
✓	209 + 45	29 X 18	38	"	✓		✓						2
✓	214 + 42	29 X 18	28	"			✓						
✓	219 + 71	29 X 18	28	"			✓						
✓	220 + 92	29 X 18	28	"			✓						
	227 + 17	18	28	"			✓						
	237 + 67	18	28	"			✓						
	238 + 26	18	28	"			✓						
✓	246 + 47	29 X 18	28	"			✓						
✓	253 + 75	36 X 22	40	"	✓		✓						2
✓	256 + 17	2-29 X 18	72	"			✓						
	262 + 51	18	28	"			✓						
	262 + 76	18	28	"			✓						
✓	281 + 05	29 X 18	28	"			✓						
✓	296 + 56	36 X 22	40	"	✓		✓						2
	304 + 17	18	28	"			✓						
	310 + 07	18	28	"			✓						
✓	310 + 78	36 X 22	38	"	✓		✓						2
	330 + 60	36 X 22	56	CGSM	✓		✓						2
	331 + 45	18	28	"			✓						
✓	333 + 38	36 X 22	38	"	✓		✓						2
✓	335 + 90	36 X 22	56	"	✓		✓						2
✓	337 + 50	29 X 18	28	"			✓						
✓	338 + 54	29 X 18	28	"			✓						
✓	339 + 41	29 X 18	28	"			✓						
	343 + 75	18	28	"			✓						
✓	344 + 05	36 X 22	38	"	✓		✓						2
	351 + 12	18	28	"			✓						
✓	355 + 10	29 X 18	38	"	✓		✓						2
	364 + 00	18	36	"			✓						
✓	366 + 26	36 X 22	42	"	✓		✓						2
✓	366 + 70	29 X 18	28	"	✓		✓						
	370 + 40	18	28	"			✓						

GRADING QUANTITIES

STATION TO STATION	UNC	BORROW	FILL	REGRADING STA	RESHAPING C.Y.	CG/STA
0 + 00 - 5 + 00	675	0	314	5	191	38
5 + 00 - 9 + 00	15	0	74	4	104	26
9 + 00 - 13 + 00	0	0	1482	4	0	0
13 + 00 - 19 + 00	902	0	222	6	230	38
19 + 00 - 25 + 00	564	0	89	6	125	21
25 + 00 - 53 + 00	1432	0	311	28	435	16
53 + 00 - 56 + 00	0	333	1574	3	0	0
56 + 00 - 61 + 00	692	0	74	5	104	21
61 + 00 - 104 + 00	0	0	799	43	1118	26
104 + 00 - 107 + 00	0	0	55	3	78	26
107 + 00 - 121 + 00	0	0	260	14	364	26
121 + 00 - 124 + 00	0	0	422	3	261	87
124 + 00 - 128 + 00	551	0	30	4	42	11
128 + 00 - 136 + 00	154	0	59	8	83	11
136 + 00 - 146 + 00	0	0	296	10	370	37
146 + 00 - 150 + 00	163	0	148	4	207	51
150 + 00 - 156 + 00	0	0	400	6	0	0
156 + 00 - 160 + 00	658	0	0	4	0	0
160 + 00 - 163 + 00	0	0	389	3	111	37
163 + 00 - 177 + 00	414	0	115	14	67	5
177 + 00 - 220 + 00	0	0	1479	43	2071	48
220 + 00 - 238 + 00	0	0	270	17	378	21
238 + 00 - 250 + 00	392	0	133	12	186	16
250 + 00 - 257 + 00	0	0	389	7	65	9
257 + 00 - 262 + 00	151	0	130	5	182	36
262 + 00 - 284 + 00	0	0	652	22	896	41
284 + 00 - 289 + 00	0	0	278	5	370	74
289 + 00 - 298 + 00	0	0	467	9	0	0
298 + 00 - 319 + 00	459	0	889	21	1245	59
319 + 00 - 322 + 00	370	0	0	3	0	0
322 + 00 - 334 + 00	0	1179	1127	12	44	4
334 + 00 - 340 + 00	84	0	178	6	249	81
340 + 00 - 344 + 00	269	0	30	4	42	11
344 + 00 - 353 + 00	0	0	267	9	200	22
353 + 00 - 364 + 00	0	1141	815	11	0	0
364 + 00 - 367 + 00	0	341	267	3	33	11
367 + 00 - 384 + 00	0	340	693	17	630	37
384 + 00 - 389 + 00	0	959	685	5	0	0
389 + 00 - 394 + 00	0	389	278	5	0	0
394 + 00 - 402 + 00	0	1037	741	8	0	0
402 + 00 - 406 + 00	0	311	222	4	0	0
406 + 00 - 409 + 00	0	180	133	3	6	2
409 + 00 - 417 + 00	0	439	356	8	59	7
TOTALS	7,943	6,649	17,592	416	10,546	25

CLEARING & GRUBBING

STA TO STA	QUANTITY
7 + 00 - 31 + 00	24
62 + 00 - 91 + 00	29
99 + 00 - 111 + 00	12
119 + 00 - 126 + 00	7
151 + 00 - 159 + 00	8
162 + 00 - 164 + 00	2
201 + 00 - 202 + 00	1
205 + 00 - 217 + 00	12
220 + 00 - 239 + 00	18
245 + 00 - 247 + 00	2
263 + 00 - 265 + 00	2
271 + 00 - 277 + 00	6
279 + 00 - 284 + 00	5
284 + 00 - 289 + 00	5
353 + 00 - 357 + 00	4
370 + 00 - 415 + 00	45
TOTAL	182

SAND GRAVEL FILL