

ASPHALTIC PAVEMENT SUMMARY

LOCATION	ASPHALTIC CONC. PAVT.. TYPE MV (TEMP. WIDENING) TON	ASPHALTIC CON. PAV'T.. TYPE MV TON	ASPHALTIC MATERIAL FOR PLANT MIXES TON
STAGE I			
12+93 - 21+00	76	-	-
21+00 - 28+50	92	-	-
28+50 - 36+50	138	-	-
36+50 - 44+00	162	-	-
44+00 - 52+00	242	-	-
52+00 - 60+00	59	-	-
68+00 - 73+50	44	-	-
73+50 - 86+50	310	-	-
86+50 - 96+00	201	-	-
PEARL STREET	6	-	-
CANTON STREET	6	-	-
STH 29	182	-	-
			91
STAGE II			
PEARL STREET	53	-	-
CANTON STREET	40	-	-
STH 29	79	-	-
			10
FINAL ROADWAY			
ELLEN STREET	-	8	-
HILTON STREET	-	36	-
35+60 (P.E.)	-	5	-
41+04 - 42+00	-	20	-
42+00 - 48+00	-	210	-
PEARL STREET	-	120	-
CANTON STREET	-	70	-
48+00 - 49+23.49	-	44	-
47+29.35 - 51+00	-	133	-
51+00 - 57+00	-	215	-
57+00 - 58+00	-	36	-
CAMPBELL STREET	-	45	-
PARK & RIDE	-	38	-
			59
CRUSHED AGGREGATE BC, 06, NO. 1			
ASPHALT STABILIZED	-	-	220
	1690	980	380

DOWEL BARS

LOCATION	EACH
12+93.82	16
23+81 "STH"	8
89+03.25	10
	34

CONCRETE PAVEMENT GAPS

STATION	LOCATION	QUANTITY EACH
35+55	LT	1
39+74	RT	1
		2

PREPARATION OF FOUNDATION FOR TEMPORARY ASPHALTIC WIDENING

LOCATION	STATIONS
STAGE I	91
STAGE II	8

CRUSHED AGGREGATE BASE COURSE

STATION - STATION	LOCATION	TONS
12+93.82 - 58+06.06	USH 10	9500
58+06.06 - 65+90.9	USH 10	875
65+90.9 - 89+03.25	USH 10	4950
	ELLEN ST.	28
	HILTON ST.	39
	PEARL ST.	305
	SERVICE RD.	150
	CANTON ST.	200
	PARK/RIDE	870
	STH 29	970
SHOULDERS		
52+69.47 - 63+31 LT	USH 10	235
65+90.9 - 69+50 LT	USH 10	40
69+50 - 89+03.25 LT	USH 10	434
68+25 - 89+03.25 RT	USH 10	460
	STH 29	154
TEMPORARY WIDENING		
12+93 - 21+00	USH 10	284
21+00 - 28+50	USH 10	297
28+50 - 36+50	USH 10	404
36+50 - 44+00	USH 10	440
44+00 - 52+00	USH 10	600
52+00 - 60+00	USH 10	250
68+00 - 73+50	USH 10	170
73+50 - 86+50	USH 10	940
86+50 - 96+00	USH 10	505
-----	PEARL ST.	157
-----	CANTON ST.	123
-----	STH 29	620
		24000

CRUSHED AGGREGATE BASE COURSE, OPEN GRADED

LOCATION	NO. 1 TONS	NO. 1 ASPHALT STABILIZED TONS
12+93-49+23	1415	4205
47+29-89+03	1075	3950
STH 29	35	390
SIDEROADS	125	110
	2650	8655

CONCRETE PAVEMENT SUMMARY

STATION	LOCATION	9-INCH S.Y.	9-INCH HES S.Y.
12+93.82 - 62+50 RT	USH 10	13250	57
62+50 - 65+50 RT	USH 10	1020	182
65+50 - 65+91.14 RT	USH 10	110	-
65+91.14 - 67+41.14 RT	USH 10	350	-
67+41.14 - 68+91.14 RT	USH 10	245	-
68+91.14 - 89+03.25 RT	USH 10	3350	-
12+93.82 - 52+69.47 LT	USH 10	10400	179
52+69.47 - 67+90.9 LT	USH 10	4005	892
67+90.9 - 89+03.25 LT	USH 10	4150	-
-----	ELLEN ST.	80	-
-----	HILTON ST.	115	-
-----	PEARL ST.	590	-
-----	CANTON ST.	690	-
-----	STH 29	2045	-
		40400	1310

CLEARING & GRUBBING

STATION - STATION	STA.
13+00 - 32+00	19
36+00 - 48+00	12
50+00 - 51+00	1
57+00 - 59+00	2
66+00 - 67+00	1
69+00 - 74+00	5
76+00 - 77+00	1
	41

REMOVING CURB & GUTTER

STATION	LOCATION	L.F.
13+00 LT	MAINLINE	150
13+00 RT	MAINLINE	45
9 "P" RT	PEARL ST.	10
8+90 "CN"	CANTON ST.	45
9+40 "CM"	CAMPBELL ST.	50
20+50 "STH"	STH 29	500
		800

REMOVING PAVEMENT

STATION - STATION	LOCATION	S.Y.
12+93 - 49+23	MAINLINE	9000
47+29 - 89+03	MAINLINE	10500
20+30 - 23+81	STH 29	1600
		21100

REMOVING OLD CULVERTS

LOCATION	TYPE	SIZE	EACH
44+32 36.5 LT	CMCP	18"x55'	1
21 "STH" + 41	CMP	30"x96'	1
			2

REMOVING CONCRETE SURFACE DRAINS

STATION	LOCATION	QUANTITY EACH
65+35	60' RT	1

REMOVING MANHOLES

STATION	LOCATION	QUANTITY EACH
40+88	37' RT	1

YARDAGE SUMMARY

	COMMON EXCAVATION C.Y.	ROCK EXCAVATION C.Y.	FILL C.Y.
12+93.85 - 49+29.49 BK	19400	2200	3542
47+29.35AH - 89+03.25	26950	-	9657
SIDE ROADS	1900	-	278
DETENTION BASIN	7150	550	8652
LOCUST ST. INTERSECTION	-	250	-
PARK & RIDE	1100	-	3271
	56500	3000	25400
EBS ± 26000			

BORROW EXCAVATION

LOCATION	C.Y.
STAGE I (TEMPORARY WIDENING)	800
EBS BORROW	26591

CULVERT PIPES

STATION	LOCATION	DIAMETER INCHES	LENGTH L.F.	TYPE	CLASS	THICKNESS INCHES		** JOINT TIES (EA.)	APRON ENDWALLS (EA.)
						STEEL	ALUM.		
12"P"+28	95.0' RT	18	46	CP	III	0.064	0.060	12	2
15"P"+88	21.5' RT	18	40	CP	III	0.064	0.060	12	2
			86						4

** IF CONCRETE PIPE IS USED, JOINT TIES SHALL BE REQUIRED.

REINFORCED CONCRETE CULVERT PIPES, CLASS III

LOCATION	DIAMETER INCHES	LENGTH L.F.	*REINFORCED CONCRETE APRON ENDWALL EACH	JOINT TIES (EA.)	INVERT	
					INLET	DISCHARGE
21+59	30	82	2	12	725.5	714.3
67+31	36	104	2	12	744.1	741.7
21+22	42	92	2	12	736.8	735.4
		278	6			

* ADDITIONAL QUANTITY LISTED ELSEWHERE

PRECAST CONCRETE CURB

LOCATION	QUANTITY EACH
PARK & RIDE	59

CONCRETE SAFETY ISLAND

LOCATION	S.F.
40+82 - 41+03	130

CONCRETE CURB AND GUTTER

LOCATION	30-INCH TYPE A L.F.	30-INCH TYPE D L.F.	36-INCH TYPE A L.F.
12+60 - 28+24 RT	1563	-	-
HILTON STREET	78	-	-
28+96 - 42+93 RT	1397	-	-
PEARL STREET	299	239	-
44+17 - 51+20 RT	703	-	-
CANTON STREET	260	105	77
52+59 - 64+19 RT	1160	-	-
CAMPBELL STREET	70	88	-
65+59 - 67+41 RT	182	-	-
12+75 - 22+85 LT	1010	-	-
ELLEN STREET	73	8	-
21+65 - 43+81 LT	2215	-	-
45+28 - 53+27 LT	799	-	-
STH 29	-	-	73
MEDIAN 57+99 - 64+50	1303	-	-
MEDIAN 65+50 - 72+00	1299	-	-
MEDIAN STH 29	389	-	-
	12800	440	150

SAWING EXISTING PAVEMENT

LOCATION	L.F.
ELLEN ST.	18
HILTON ST.	15
35+60 LT	14
39+75 RT	42
PEARL ST.	85
CANTON ST.	143
CAMPBELL ST.	75
STH 29	28
	420

SAWING CONCRETE PAVEMENT, FULL DEPTH

LOCATION	L.F.
23+81 "STH"	24
89+03.25	30
	54

WATER

LOCATION	MGAL
12+93.82 + 89+03.25	500

STEEL PLATE BEAM GUARD, CLASS A AND ANCHORAGES

LOCATION	BEAM GUARD L.F.	ANCHORAGES	
		TYPE 1 EACH	TYPE 2 EACH
66+43 - 67+12	69	1	1

CONCRETE CORRUGATED MEDIAN

LOCATION	S.F.
40+50 - 40+82	150
72+00 - 73+00	1000
	1150.

TOPSOIL, SEEDING, FERTILIZER AND MULCHING

LOCATION	TOPSOIL S.Y.	SEEDING (NO. 40) LB.	SEEDING. WETLANDS (NO. 60) LB.	FERTILIZER. TYPE B CWT	MULCHING S.Y.
12+90 - 21+30	1535	-	-	-	0
21+30 - 26+00	990	-	-	-	0
26+00 - 28+60	415	-	-	-	0
28+60 - 35+00	1715	-	-	-	0
35+00 - 40+00	1715	-	-	-	0
40+00 - 44+10	1760	-	-	-	0
44+10 - 49+23	1865	31	-	1.0	1730
47+29 - 50+00	1110	20	-	0.7	1110
50+00 - 51+90	1285	23	-	0.8	1285
51+90 - 58+06	5910	93	-	3.3	5910
58+06 - 62+50	3865	55	-	1.9	2740
62+50 - 64+90	2820	38	-	1.3	1955
64+90 - 68+00	2415	39	-	1.3	1950
68+00 - 73+50	2310	90	-	1.4	1040
73+50 - 81+50	3925	90	-	1.0	3925
81+50 - 59-00	2550	65	-	3.0	2550
21"STH"+60 - 29"STH"+00	990	36	-	2.3	990
PARK/RIDE & BASIN	22330	210	145	14.0	22330
	59505	790	145	32.0	47515

EROSION CONTROL ITEMS

LOCATION	* SILT FENCE DELIVERED & INSTALLED L.F.	SILT FENCE MAINTAINED L.F.	EROSION BALES DELIVERED & INSTALLED EACH	EROSION MAT DELIVERED & INSTALLED S.Y.	TEMPORARY SEEDING LBS.
12+75 - 21+30	875	1750	-	-	23
21+30 - 44+10	2560	5120	9	-	88
44+10 - 51+90 LT	980	1960	-	-	21
44+10 - 51+90 RT	940	1880	-	-	-
51+90 - 64+90 LT	2050	4100	12	-	33
51+90 - 64+90 RT	1260	2520	-	-	-
64+90 - 89+00 LT	2960	5920	21	-	-
64+90 - 89+00 RT	300	600	15	-	-
PARK/RIDE & BASIN	1950	3900	50	-	-
UNDISTRIBUTED	225	450	8	100	-
	14100	28200	115	100	165

* SILT FENCE FOR SANDY SOILS

REINFORCED SODDING

LOCATION	S.Y.
12+90 - 21+30	425
21+30 - 26+00	95
28+60 - 35+00	970
35+00 - 40+00	900
51+90 - 58+06	725
58+06 - 62+50	500
62+50 - 64+90	265
64+90 - 68+00	280
68+00 - 73+50	725
	4885

SODDING

LOCATION	S.Y.
12+50 - 21+30	1110
21+30 - 26+00	895
26+00 - 28+60	415
28+60 - 35+00	745
35+00 - 40+00	815
40+00 - 44+10	1760
44+10 - 49+23	135
58+06 - 62+50	625
62+50 - 64+90	600
64+90 - 68+00	185
68+00 - 73+50	545
	7830

* ADDITIONAL QUANTITY LISTED
WITH PIPE UNDERDRAIN APRON

SPLIT CONCRETE BLOCK RETAINING WALL

LOCATION	WALL S.F.	*** GEOTEXTILE TYPE DF S.Y.
10+20 - 11+75 RT	660	73
32+50 - 35+50 RT	1200	132
	1860	205

*** ADDITIONAL QUANTITY LISTED ELSEWHERE

REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER & ENDWALLS

FROM (I.D.)	TO (I.D.)	DIAMETER (INCH)	LENGTH (L.F.)	REINFORCED CONC. APRON ENDWALL (EACH)	JOINT TIES EACH	PIPE GRATE EACH
1.0	2.0	24	165	-	-	-
2.1	2.0	15	4	-	-	-
2.0	2.2	12	40	-	-	-
2.0	3.0	24	196	-	-	-
3.1	3.0	12	4	-	-	-
3.0	4.0	24	196	-	-	-
4.1	4.0	12	4	-	-	-
4.0	5.0	24	312	-	-	-
5.2	5.1	12	7	-	-	-
5.1	5.0	15	4	-	-	-
5.0	6.0	24	184	-	-	-
6.1	6.0	12	4	-	-	-
6.0	6.2	12	104	-	-	-
7.0	7.1	12	48	-	-	-
7.0	8.0	18	224	-	-	-
EX.CMP	8.0	36	15	-	-	-
8.0	9.0	24	62	-	-	-
9.1	9.0	12	40	-	-	-
9.0	9.2	12	4	-	-	-
9.2	9.3	12	7	-	-	-
9.0	10.0	24	191	-	-	-
10.0	10.1	12	4	-	-	-
10.0	11.0	24	196	-	-	-
11.1	11.0	12	40	-	-	-
11.0	11.2	15	4	-	-	-
11.2	12.0	12	198	-	-	-
13.1	13.0	15	7	-	-	-
13.0	14.1	18	118	-	-	-
14.0	ENDWALL	36	45	1	12	1
14.0	14.1	18	70	-	-	-
14.0	15.0	36	280	-	-	-
15.1	15.0	30	120	-	-	-
15.1	17.0	24	122	-	-	-
15.0	16.0	36	240	-	-	-
16.0	16.1	36	161	1*	12	-
17.1	17.0	15	17	-	-	-
17.0	18.0	12	240	-	-	-
19.0	19.1	48	77	1	12	1
19.0	20.0	48	178	-	-	-
20.4	20.3	12	7	-	-	-
20.3	20.0	15	4	-	-	-
20.0	20.1	15	54	-	-	-
20.1	20.2	12	7	-	-	-
20.0	21.0	48	386	-	-	-
21.0	21.1	48	68	1	12	1
21.0	22.0	36	48	-	-	-
22.0	22.1	18	4	-	-	-
22.1	22.2	12	38	-	-	-
22.0	23.0	36	130	-	-	-
23.0	23.1	12	4	-	-	-
23.0	24.0	36	194	-	-	-
24.0	24.1	12	4	-	-	-
22.1	EXIST INLET	12	80	-	-	-
24.0	25.0	36	202	-	-	-
25.3	25.2	12	10	-	-	-
25.2	25.0	12	16	-	-	-
25.0	25.1	12	4	-	-	-
25.0	26.0	30	312	-	-	-
26.2	26.0	12	16	-	-	-
26.0	26.1	12	4	-	-	-
26.0	27.0	24	261	-	-	-
27.1	27.0	12	58	-	-	-
27.0	28.0	24	172	-	-	-
28.4	28.3	12	6	-	-	-
28.3	28.0	15	24	-	-	-
28.0	28.1	19x30HE	43	-	-	-
28.1	ENDWALL	19x30HE	42	1	6	3
				4	54	

* ENDWALL WEIR NOT COUNTED IN R.C. APRON ENDWALL TOTAL
(PAID FOR AS "ENDWALL, WEIR.")

DRAINAGE STRUCTURES AND COVERS

STRUCTURE I.D.	STATION	OFFSET TO FLOWLINE	STRUCTURE TYPE (EACH) MH INLET	COVER (EACH)	DEPTH (FT)
2.0	14+50.0	18.0 LT	1	J	4.0
2.1	14+50.0	25.5 LT	-	H-LT	2.6
2.2	14+50.0	25.5 RT	-	H-RT	2.5
3.0	16+50.0	18.0 LT	1	J	4.0
3.1	16+50.0	25.5 LT	-	H-LT	2.2
4.0	18+50.0	18.0 LT	1	J	4.0
4.1	18+50.0	25.5 LT	-	H-LT	2.3
5.0	21+66.0	18.0 LT	1	J	4.0
5.1	21+66.0	25.5 LT	-	H-LT	2.5
5.2	21+76.0	25.5 LT	-	H-LT	2.5
6.0	23+50.0	18.0 LT	1	J	3.9
6.1	23+50.0	25.5 LT	-	H-LT	2.2
6.2	24+75.0	25.5 RT	-	H-RT	2.8
7.0	26+10.0	25.5 RT	-	H-RT	3.4
7.1	26+10.0	25.5 LT	-	H-LT	3.0
8.0	28+38.0	18.0 RT	3	J	15.8
9.0	29+05.0	18.0 RT	1	J	4.5
9.1	29+05.0	25.5 LT	-	H-LT	2.2
9.2	29+05.0	25.5 RT	-	H-RT	2.2
9.3	29+15.0	25.5 RT	-	H-RT	2.2
10.0	31+00.0	18.0 RT	1	J	4.0
10.1	31+00.0	25.5 RT	-	H-RT	2.1
11.0	33+00.0	18.0 RT	1	J	4.1
11.1	33+00.0	25.5 LT	-	H-LT	2.1
11.2	33+00.0	25.5 RT	-	H-RT	2.1
12.0	35+00.0	25.5 RT	-	H-RT	2.7
13.0	39+10.0	26.0 RT	-	H-RT	3.1
13.1	39+00.0	26.0 RT	-	H-RT	2.6
14.0	40+45.0	45.0 LT	3	J	19.9
14.1	40+30.0	25.5 RT	-	H-RT	6.6
15.0	43+00.0	60.0 LT	3	H-S	6.7
15.1	43+03.0	64.0 RT	3	J	6.5
16.0	45+25.0	88.4 LT	3	R1	6.3
17.0	44+30.0	25.5 RT	-	H-RT	4.3
17.1	44+50.0	25.5 RT	-	H-RT	2.8
18.0	47+00.0	25.5 RT	-	H-RT	2.2
19.0	48+71.0	32.0 LT	3	R1	9.9
20.0	48+60.0	32.0 LT	3	J	6.1
20.1	48+60.0	25.5 RT	-	H-RT	2.3
20.2	48+70.0	25.5 RT	-	H-RT	2.7
20.3	48+60.0	39.5 LT	-	H-LT	2.6
20.4	48+70.0	39.5 LT	-	H-LT	2.7
21.0	52+50.0	32.0 LT	8	J	6.8
22.0	52+63.5	18.0 RT	3	J	5.2
22.1	52+63.5	25.5 RT	-	H-RT	3.2
22.2	52+26.0	40.8 RT	-	H-LT	2.2
23.0	54+00.0	18.0 RT	3	J	5.2
23.1	54+00.0	25.5 RT	-	H-RT	2.1
24.0	56+00.0	18.0 RT	3	J	4.9
24.1	56+00.0	25.5 RT	-	H-RT	2.1
25.0	58+07.5	18.0 RT	3	J	4.6
25.1	58+07.5	25.5 RT	-	H-RT	2.2
25.2	58+07.5	1.5 LT	-	H-LT	2.2
25.3	58+07.5	12.5 LT	-	H-LT	1.9
26.0	61+25.0	18.0 RT	3	J	4.3
26.1	61+25.0	25.5 RT	-	H-RT	2.1
26.2	61+25.0	1.5 LT	-	H-LT	2.1
27.0	63+86.0	18.0 RT	1	J	3.8
27.1	63+86.0	43.5 LT	-	H-LT	2.1
28.0	65+62.0	25.5 RT	3	H-S	4.1
28.1	65+33.0	63.1 RT	1	H-S	3.3
28.3	65+67.0	1.5 LT	-	H-LT	2.3
28.4	65+67.0	8.5 LT	-	H-RT	1.7
			24	39	

REINFORCED CONCRETE PIPE, CLASS V, STORM SEWER

** FROM (I.D.)	** TO (I.D.)	DIAMETER (INCHES)	LENGTH (L.F.)	REINFORCED APRON ENDWALLS (EACH)
19.0	19.1	48	79	-
16.0	16.1	36	45	-
			124	

** EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.

STATE PROJECT NUMBER	SHEET NO
1532-09-72	3C
MISCELLANEOUS QUANTITIES	
USH 10	PIERCE COUNTY

ROCK EXCAVATION FOR STORM SEWER

STRUCTURE - STRUCTURE	C.Y.
7.0 TO 8.0	87
14.0 TO 15.0	60
15.0 TO 15.1	42
15.0 TO 16.0	83
16.1 TO 16.0	98
15.1 TO 17.0	27
17.0 TO 18.0	9
19.0 TO 19.1	77
20.0 TO 21.0	348
21.1 TO 21.0	19
22.0 TO 23.0	5
23.0 TO 24.0	57
24.0 TO 25.0	60
25.0 TO 26.0	40
	1050

CLOSING CULVERT PIPES

STATION	LOCATION	QUANTITY EACH
12+44	30' RT	1

TEMPORARY CULVERT PIPE, 12-INCH

LOCATION	L.F.
24+75, 25.5' RT	60

PIPE UNDERDRAIN ITEMS

FROM STA. OR STRUCTURE #	TO STA. OR STRUCTURE #	REMARKS	PIPE U.D. 6-INCH L.F.	*GEOTEXTILE FABRIC TYPE DF S.Y.	PIPE U.D. UNPERFORATED 6-INCH L.F.	CONC. ENDWALL EACH	*SOD S.Y.	MARKER POST FLEXIBLE EACH
12+50	2.2	RT	200	89	-	-	-	-
1.0	2.1	LT	170	76	-	-	-	-
2.1	3.1	LT	200	90	-	-	-	-
3.1	4.1	LT	200	90	-	-	-	-
4.1	5.1	LT	316	140	-	-	-	-
5.2	6.1	LT	300	133	-	-	-	-
6.1	7.0	LT	135	60	-	-	-	-
6.2	7.1	RT	125	56	-	-	-	-
7.0	9.1	LT	295	131	-	-	-	-
7.1	9.2	RT	305	136	-	-	-	-
9.1	11.1	LT	395	176	-	-	-	-
9.3	10.1	RT	185	82	-	-	-	-
10.1	11.2	RT	200	90	-	-	-	-
11.1	34+00	LT	100	44	-	-	-	-
11.2	12.0	RT	200	90	-	-	-	-
12.0	13.1	RT	400	176	-	-	-	-
13.0	14.1	RT	140	62	-	-	-	-
14.1	17.2	RT	380	170	-	-	-	-
17.1	18.0	RT	250	111	-	-	-	-
18.0	20.1	RT	160	71	-	-	-	-
20.4	54+00	LT	530	235	-	-	-	-
20.2	22.1	RT	393	175	-	-	-	-
22.1	23.1	RT	137	61	-	-	-	-
23.1	24.1	RT	200	90	-	-	-	-
54+00	56+00	LT	200	90	26	1	3	1
56+00	60+00	LT	400	176	26	1	3	1
24.1	25.1	RT	207	92	-	-	-	-
25.1	26.1	RT	318	141	-	-	-	-
26.1	28.0	RT	437	195	-	-	-	-
60+00	64+00	LT	400	176	20	1	3	1
26.2	64+50	MEDIAN	325	145	-	-	-	-
27.1	68+00	LT	415	185	-	-	-	-
28.4	67+70	MEDIAN	203	90	-	-	-	-
28.0	68+00	RT	240	106	-	-	-	-
68+00	72+00	LT	400	176	18	1	3	1
68+00	72+00	RT	400	176	20	1	3	1
72+00	76+00	RT	400	176	22	1	3	1
72+00	76+00	LT	400	176	18	1	3	1
76+00	80+00	LT	400	176	20	1	3	1
76+00	80+00	RT	400	176	24	1	3	1
80+00	84+00	RT	400	176	22	1	3	1
83+00	85+00	LT	200	90	22	1	3	1
85+00	89+03	LT	403	180	19	1	3	1
87+00	89+03	RT	203	90	22	1	3	1
64+00(USH10)	23+81(STM29)	LT	400	176	44	1	3	1
20+32	21+17	RT	80	35	20	1	3	1
21+28	23+81	RT	253	112	20	1	3	1
			13400	5945	360	16	48	16

*ADDITIONAL QUANTITY LISTED ELSEWHERE

TEMPORARY PAVEMENT MARKING AND
TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE

STAGE	LOCATION	TEMP. PAVEMENT MARKING, (4-INCH) (YELLOW) (WHITE)		REMOVABLE TAPE (4-INCH) (YELLOW) (WHITE)		TEMP. PAVEMENT MKG., 18-INCH STOPLINE (WHITE)		18-INCH STOPLINE (WHITE) REMOVABLE TAPE
		L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	
I	CHERRY ST - 13+50	140	70	500	410	-	-	-
I	13+50 - 39+00	5100	5100	-	-	-	-	-
I	39+00 - 48+50	2360	2320	-	-	55	11	-
I	48+50 - 58+50	2240	2760	280	115	47	47	-
I	58+50 - 73+50	8550	10735	290	320	75	31	-
I	73+50 - END	7000	7250	500	250	27	-	-
II	CHERRY ST - 13+50	300	220	600	-	-	-	-
II	13+50 - 39+00	5100	2550	-	-	-	-	-
II	39+00 - 48+50	2900	2360	-	-	11	60	-
II	48+50 - 58+50	2400	1480	270	1240	-	150	-
II	58+50 - 73+50	380	830	3750	2760	-	31	-
II	73+50 - END	2400	-	700	-	-	-	-
III	58+50 - 73+50	-	-	-	-	-	-	-
		38870	35675	6890	5095	215	345	-

STATE PROJECT NUMBER	SHEET NO
1532-09-72	3D
MISCELLANEOUS QUANTITIES	
USH 10	PIERCE COUNTY

TRAFFIC CONTROL ITEMS

CONSTRUCTION STAGE	DRUMS DAYS	BARRICADES TYPE III DAYS	WARNING LIGHTS		SIGNS DAYS	FLEXIBLE TUBULAR MARKER	
			TYPE A DAYS	TYPE C DAYS		POSTS EACH	BASES EACH
I	20454	5635	2985	3120	8620	94	94
II	14840	3250	1900	6450	5085	31	31
III	1400	180	195	60	435	-	-
UNDISTRIB. FOR MAINT.	-	-	-	-	-	125	-
	33295	9065	5080	9630	14140	250	125

ALL QUANTITIES IN DAYS ARE ROUNDED UP TO THE NEAREST 10 DAYS.

TEMPORARY DELINEATORS

LOCATION	STAGE I EACH	STAGE II EACH	STAGE III EACH
13+50 - 39+00	51	-	-
39+00 - 48+50	20	-	-
48+50 - 58+50	12	-	-
58+50 - 73+50	27	-	-
73+50 - END	28	-	-
	138	-	-

REMOVING PAVEMENT MARKINGS

STATION - STATION	LOCATION	STAGE/PHASE	L.F.
10+75 - 12+50	C/L	STAGE I/PHASE I	350
51+00 - 53+00	EB EDGE LINE	STAGE I/PHASE I	200
62+00 - 66+50	C/L	STAGE I/PHASE I	900
63+00 - 64+50	EB EDGE LINE	STAGE I/PHASE I	150
66+50 - 67+00	WB EDGE LINE	STAGE I/PHASE I	150
24+50 - 27+50	STH 29 C/L	STAGE I/PHASE I	600
21+50 - 27+50	STH 29 SB EDGE LINE	STAGE I/PHASE I	600
59+00 - 60+00	C/L	STAGE I/PHASE I	200
70+00 - 73+50	C/L	STAGE I/PHASE I	700
73+50 - 83+00	C/L	STAGE I/PHASE I	1900
92+50 - 95+50	C/L	STAGE I/PHASE I	600
			6350

TYPE II SIGNS, REFLECTIVE					
SIGN NO.	SIGN CODE	SIGNS (SF)	WOOD POSTS (EACH)		MOVING SIGNS (EACH)
			4"x6"x12'	4"x6"x14'	
1	R2-1	5.0	1	-	-
2	-	-	-	2	2
3	R2-1	5.0	1	-	-
4	R2-1	5.0	1	-	-
5	R1-1	5.2	1	-	-
6	R2-5A	5.0	-	1	-
7	W13-1W	2.3	-	-	-
8	W1-2R	6.3	1	-	-
9	R1-1	5.2	1	-	-
10	R2-1	5.0	1	-	-
11	R2-1	5.0	1	-	-
12	R1-1	5.2	1	-	-
13	D4-2R	12.0	-	1	-
14	D4-2L	12.0	-	1	-
15	R1-1	5.2	1	-	-
16	R2-1	5.0	1	-	-
17	J1-1	6.5	-	1	-
18	W6-1	9.0	-	1	-
19	R1-1	5.2	1	-	-
20	R3-7R	6.3	1	-	-
21	R2-1	5.0	1	-	-
22	R1-1	5.2	1	-	-
23	W1-2L	6.3	1	-	-
24	R5-1	6.3	1	-	-
25	J4-2	12.0	-	-	-
26	R5-9	6.0	1	-	-
27	W6-2	9.0	-	-	-
28	R2-1	5.0	1	-	-
29	J2-3	28.5	-	2	-
30	R4-7	5.0	1	-	-
31	-	-	1	-	1
32	W4-3R	6.3	1	-	-
33	J3-1	8.5	-	1	-
34	R1-1	16.0	-	1	-
35	R2-1	5.0	1	-	-
36	J3-2	17.0	-	2	-
37	-	-	2	-	2
38	R3-55L	5.0	1	-	-
39	R5-9	6.0	1	-	-
40	R5-1	6.3	1	-	-
41	J3-3	25.5	-	2	-
42	R1-1	5.2	1	-	-
43	J4-1	6.0	-	1	-
44	-	-	1	-	1
45	J4-2	12.0	1	-	-
46	R1-1	16.0	1	-	-
47	R5-1	6.3	1	-	-
48	J3-4	34.0	-	2	-
49	R5-9	6.0	1	-	-
50	W6-2	9.0	-	1	-
51	R3-55L	5.0	1	-	-
52	R2-1	5.0	1	-	-
53	R5-9	6.0	-	-	-
54	-	-	2	-	2
55	R5-1	6.3	1	-	-
56	-	-	2	-	2
57	R4-7	5.0	1	-	-
58	R2-1	5.0	1	-	-
59	R2-1	5.0	1	-	-
60	W6-1	9.0	-	1	-
61	R59-51	4.0	1	-	-
62	J2-4	38.0	-	2	-
63	J1-2	13.0	1	-	-
64	R5-56	12.0	-	1	-
65	R2-5A	5.0	-	1	-

TYPE II SIGNS, REFLECTIVE					
SIGN NO.	SIGN CODE	SIGNS (SF)	WOOD POSTS (EACH)		MOVING SIGNS (EACH)
			4"x6"x12'	4"x6"x14'	
66	W13-1W	2.3	-	-	-
67	W14-3	12.0	-	1	-
68	R4-7	5.0	1	-	-
69	R4-7	5.0	1	-	-
70	R3-5L	14.0	-	-	-
71	R3-5A	14.0	-	-	-
72	R3-5R	14.0	-	-	-
73	R3-5L	14.0	-	-	-
74	R3-5A	14.0	-	-	-
75	R3-5R	14.0	-	-	-
76	R1-1	5.2	1	-	-
77	R7-8A	1.5	1	-	-
78	R7-8A	1.5	1	-	-
79	R1-1	5.2	1	-	-
80	W4-2R	9.0	1	-	-
		642.8	53	25	10

PAVEMENT MARKING, HOT PAINT

LOCATION	L.F.
PARK AND RIDE (PARKING STALLS AND DIAGONAL MARKING)	1140

OVERHEAD SIGN SUPPORTS

LOCATION	EACH
62+50' EAST BOUND	1
66+50 WEST BOUND	1/2

PAVEMENT MARKING, EPOXY

LOCATION	YELLOW 4-INCH (LF)	WHITE 4-INCH (LF)	CHANNELIZING WHITE 8-INCH (LF)	STOPLINE WHITE 18-INCH (LF)	DIAGONAL YELLOW 24-INCH (LF)	ISLAND NOSE YELLOW (SF)	ARROWS TYPE 1 (EACH)	ARROWS TYPE 2 (EACH)	WORDS "ONLY" (EACH)	HANDICAPPED PARKING SYMBOL (EACH)
12+90 - 49+23	6895	1825	270	-	-	45	-	2	2	-
47+29 - 89+03	5365	6910	2140	-	200	70	3	9	8	-
STH 29	640	320	100	48	-	45	-	-	-	-
ELLEN STREET	70	-	-	20	-	-	-	-	-	-
HILTON STREET	180	-	-	25	-	-	-	-	-	-
PEARL STREET	480	-	-	42	-	-	-	-	-	-
CANTON STREET	310	-	-	75	-	-	-	-	-	-
PARK AND RIDE	-	-	-	45	-	-	-	-	-	2
	13940	9055	2510	255	200	160	3	11	10	2

STATE PROJECT NUMBER

1532-09-72

SHEET NO.

3E

MISCELLANEOUS QUANTITIES

USH 10

PIERCE COUNTY

LOOP DETECTORS

NUMBER	STATION	LOCATION	SIZE	CONDUIT 1-INCH L.F.	JUNCTION BOXES EACH
1	60+90	EB THRU	6' x 6'	44	1
2	62+80	EB THRU	6' x 6'	44	1
3	64+30	EB LT TURN	6' x 18'	53	1
4	9"CM"+50	NB	6' x 18'	59	1
5	9"CM"+50	NB	6' x 18'	69	1
6	20"STH"+45	SB	6' x 18'	68	1
7	21"STH"+40	SB	6' x 6'	55	1
8	65+70	WB LT TURN	6' x 18'	55	1
9	67+00	WB THRU	6' x 6'	44	1
10	67+70	WB THRU	6' x 6'	44	1
				535	10

CONDUIT & ELECTRIC WIRE

FROM - TO	NON-METALLIC CONDUIT, 2" SCHEDULE 40 L.F.	NON-METALLIC CONDUIT, 3" SCHEDULE 80 L.F.	ELECTRIC WIRE, LIGHTING, NO. 6 L.F.
STH 29			
CB1 - CB2	-	124	-
PB1 - PB2	-	52	-
PB2 - PB3	70	-	-
PB2 - PB5	-	104	-
PB3 - PB4	35	-	-
PB5 - CB2	-	9	-
PB5 - PB6	-	80	-
PB6 - PB7	-	105	-
PB7 - CB3	-	20	-
PB7 - PB8	-	122	-
PB8 - PB9	-	90	-
PB7 - PB10	-	180	-
PB10 - PB11	-	128	-
PB10 - PB14	173	-	-
PB11 - CB1	-	9	-
PB11 - PB12	-	85	-
PB12 - PB13	-	94	-
PB13 - PB1	-	148	-
PB14 - PB15	35	-	-
PARK & RIDE			
11"P"+15 - 11"P"+22	45	-	60
11"P"+22 - 12"P"+17	102	-	125
12"P"+17 - 12"P"+42	65	-	75
12"P"+42 - 13"P"+15	80	-	115
13"P"+15 - 14"P"+60	155	-	225
	760	1350	600

CONCRETE BASES

NUMBER	STATION	LOCATION	TYPE 1 EACH
CB1	65+60	MEDIAN. LT	1
CB2	64+40	MEDIAN. LT	1
CB3	64+90	ISLAND. LT	1
			3

PULL BOXES

NUMBER	STATION	LOCATION	12x24 INCH EACH	24x36 INCH EACH
PB1	64+50	RT	-	1
PB2	64+30	RT	-	1
PB3	63+60	RT	1	-
PB4	63+25	RT	1	-
PB5	64+30	MEDIAN. LT	-	1
PB6	64+30	ISLAND. LT	-	1
PB7	64+80	ISLAND. LT	-	1
PB8	65+20	ISLAND. LT	-	1
PB9	64+75	LT	-	1
PB10	65+70	LT	-	1
PB11	65+70	LT	-	1
PB12	65+70	RT	-	1
PB13	65+25	RT	-	1
PB14	67+40	LT	1	-
PB15	67+75	LT	1	-
PB16	-	PARK & RIDE	-	1
PB17	-	PARK & RIDE	-	1
			4	13

PLANT MATERIAL

COMMON NAME	LOCATION	QUANTITY EACH
TREES		
ASH. GREEN SUMMIT	DETENTION BASIN	10
LINDEN. AMERICAN	DETENTION BASIN	6
RED CEDAR. EASTERN	DETENTION BASIN	10
SHRUBS		
DOGWOOD. GRAY	DETENTION BASIN	15
DOGWOOD. REDOSIER	DETENTION BASIN	22
SUMAC. SMOOTH	DETENTION BASIN	34
		97

LIGHTING

LOCATION	POLES. TYPE 5 30-FOOT EACH	CONC. BASES TYPE 5 EACH	LUMINARIES 150 WATTS HIGH PRESS. SODIUM EACH	MAST ARMS. SINGLE MEMBER 8-FOOT EACH
PARK & RIDE	2	2	2	2