

78001110 PAINT PAVEMENT MARKING-LINE 4"	
LOCATION	FOOT
EDGE LINES	
STA. 1238+93.00 TO STA. 1245+76.00, RT	683
STA. 1238+93.00 TO STA. 1245+76.00, LT	683.0
CENTERLINE	
STA. 1238+07.23 TO STA. 1246+07.50	200.1
TOTAL	1566

70300100 SHORT-TERM PAVEMENT MARKING	
LOCATION	FOOT
STA. 1238+07.23 TO STA. 1240+98.50, CENTERLINE	58.3
STA. 1240+98.50 TO STA. 1243.02.00, CENTERLINE	20.4
STA. 1243+02.00 TO STA. 1246+07.50, CENTERLINE	61.1
TOTAL	140

70300625 TEMPORARY PAINT PAVEMENT MARKING - LINE 4"	
LOCATION	FOOT
STAGE 1	
STA. 1238+07.23 TO STA. 1245+11.50, RT	706
STA. 1239+65.49 TO STA. 1244+03.77, LT	439
STAGE 2	
STA. 1238+23.00 TO STA. 1246+07.46, LT	786
STA. 1239+34.35 TO STA. 1244+51.37, RT	517
TOTAL	2448

70301000 WORK ZONE PAVEMENT MARKING REMOVAL	
LOCATION	SQ. FT.
SHORT-TERM PAVEMENT MARKING	
STA. 1238+07.23 TO STA. 1240+98.50, CENTERLINE	9.7
STA. 1240+98.50 TO STA. 1243+02.00, CENTERLINE	6.8
STA. 1243+02.00 TO STA. 1246+07.50, CENTERLINE	10.2
STAGE 1	
STA. 1238+07.23 TO STA. 1245+11.50, RT	235.3
STA. 1239+65.49 TO STA. 1244+03.77, LT	146.3
STAGE 2	
STA. 1238+23.00, TO STA. 1246+07.46, LT	262.0
STA. 1239+34.35 TO STA. 1244+51.37, RT	172.3
STA. 1246+17.46, STOP BAR	26
STA. 1237+63.35, STOP BAR	26
STA. 1239+18.15, STOP BAR (ENTRANCE)	26
STA. 1246+31.04, STOP BAR (ENTRANCE)	26
TOTAL	947

78200200 BIDIRECTIONAL PRISMATIC BARRIER REFLECTORS	
LOCATION	EACH
BRIDGE PIERS	4
TOTAL	4

28000250 TEMPORARY EROSION CONTROL SEEDING	
LOCATION	POUND
STA. 1238+93.00 TO STA. 1245+76.00	359.64
TOTAL	360

70300660 TEMPORARY PAINT PAVEMENT MARKING-LINE 24"	
LOCATION	FOOT
STOP BAR, STA. 1246+17.46	13
STOP BAR, STA. 1237+63.35	13
STOP BAR, STA. 1239+18.15 (ENTRANCE)	13
STOP BAR, STA. 1246+31.04 (ENTRANCE)	13
TOTAL	52

78300100 PAVEMENT MARKING REMOVAL	
LOCATION	SQ. FT.
STA. 1238+07.23 TO STA. 1240+98.50, CENTERLINE	9.7
STA. 1243+02.00 TO STA. 1246+07.50, CENTERLINE	10.2
STA. 1239+34.35 TO STA. 1240+98.50, RT SHOULDER	54.7
STA. 1243+02.00 TO STA. 1244+51.37, RT SHOULDER	49.8
STA. 1239+65.49 TO STA. 1244+03.77, LT SHOULDER	146.1
TOTAL	270

60605519 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.36	
LOCATION	FOOT
STA. 10+87.13 TO STA. 11+51.66	63.2
TOTAL	63

60900340 TYPE D INLET BOX, STANDARD 609001 (SPECIAL)	
LOCATION	EACH
LT. & RT. STA. 1242+97.00	2
TOTAL	2

54200427 PIPE CULVERTS, TYPE 1 RCCP 12"	
LOCATION	FOOT
STA. 1242+97.00	28
TOTAL	28

60218400 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME CLOSED LID	
LOCATION	EACH
STA. 1242+96.46, 61.38' LT	1
TOTAL	1

60100945 PIPE DRAINS 12"	
LOCATION	FOOT
From Inlet Box, Type D to Manhole type A	
LT STA 1242+30.00	39
From Manhole Type A to Hennepin Canal	
LT STA 1242+30.00 TO STA 1242+94.46	65
TOTAL	104

40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING	
LOCATION	TONS
ENTRANCE @ STA. 1239+11.00, RT.	29.1
TOTAL	29

54213447 END SECTIONS 12"	
LOCATION	EACH
LT. STA. 1242+30.00	1
TOTAL	1

63500310 REMOVE AND REINSTALL DELINEATORS	
LOCATION	EACH
RECREATIONAL TRAIL	4
TOTAL	4

50157307 PROTECTIVE SHIELD, SPECIAL	
LOCATION	L SUM
RECREATIONAL TRAIL	1
TOTAL	1

XX006571 REMOVE AND REPLACE BOLLARDS	
LOCATION	EACH
RECREATIONAL TRAIL NE PARKING AREA	10
TOTAL	10

XX007452 RELOCATE BOLLARDS	
LOCATION	EACH
RECREATIONAL TRAIL	1
TOTAL	1

78201000 TERMINAL MARKER - DIRECT APPLIED	
LOCATION	EACH
LT. STA. 1239+76.35	1
LT. STA. 1244+55.15	1
RT. STA. 1239+38.85	1
RT. STA. 1243+67.65	1
TOTAL	4

78200410 GUARDRAIL MARKERS, TYPE A	
LOCATION	EACH
STA. 1239+76.35 TO STA. 1241+20.10, LT	4
STA. 1239+38.85 TO STA. 1241+20.10, RT	4
STA. 1243+17.65 TO STA. 1244+55.15, LT	4
STA. 1243+17.65 TO STA. 1243+67.65, RT	4
TOTAL	16

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	
LOCATION	EACH
RT STA. 1239+38.85 TO STA. 1239+88.85	1
LT STA. 1239+38.85 TO STA. 1239+88.85	1
RT STA. 1244+05.15 TO STA. 1244+55.15	1
LT STA. 1244+80.15 TO STA. 1245+30.15	1
TOTAL	4

63200310 GUARDRAIL REMOVAL	
LOCATION	FOOT
RT. STA. 1239+45.35 - 1241+30.11	185.0
LT. STA. 1240+08.16 - 1241+30.11	122.3
RT. STA. 1242+40.90 - 1243+62.98	122.3
LT. STA. 1242+40.79 - 1244+25.82	185.0
TOTAL	615

63000001 STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	
LOCATION	FOOT
STA. 1239+88.85 TO STA. 1240+76.35, RT	87.5
STA. 1239+88.85 TO STA. 1240+76.35, LT	87.5
STA. 1243+17.65 TO STA. 1244+05.15, RT	87.5
STA. 1243+17.65 TO STA. 1244+80.15, LT	162.5
TOTAL	425

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6	
LOCATION	EACH
RT STA. 1240+76.35 TO STA. 1241+20.10	1
LT STA. 1240+76.35 TO STA. 1241+20.10	1
RT STA. 1242+73.90 TO STA. 1243+17.65	1
LT STA. 1242+73.90 TO STA. 1243+17.65	1
TOTAL	4

78200520 BARRIER WALL MARKERS, TYPE B	
LOCATION	EACH
STA. 1239+38.85, RT	1
STA. 1239+76.35, LT	1
STA. 1244+17.65, RT	1
STA. 1245+05.15, LT	1
TOTAL	4

EARTHWORK SUMMARY				
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STA. TO STA.	CU YD	CU YD	CU YD	CU YD
1238+93.00 TO 1241+34.50	41.69	31.27	951.01	-919.74
1242+59.50 TO 1245+76.00	78.55	58.91	440.82	-381.91
UNDER SOUTH ABUTMENT	0.00	0.00	458.00	-458.00
BIT. BIKE TRAIL	11.16	8.37	0.00	8.37
TOTAL	131.40	98.55	1,849.83	-1,751.28
20200100 EARTH EXCAVATION:	131	CU YD	20400800 FURNISHED EXCAVATION:	1751
				CU YD

20800150 TRENCH BACKFILL	
LOCATION	CU YD
ROADWAY	
STA. 1242+97.00 14.0' RT TO 14' LT	3.7
STA. 1242+97.00 20.4' LT TO 25.0' LT	0.6
RECREATIONAL TRAIL	
STA. 10+56.83, 7.0' LT TO STA. 10+59.18, 7.0' RT	2.0
TOTAL	6.3