

EARTHWORK

LOCATION	EARTH EXCAVATION (CU YD)	EARTH EXCAV. ADJUSTED FOR SHRINKAGE * (CU YD)	EMBANKMENT (FILL) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	FURNISHED EXCAVATION (CU YD)	CHANNEL EXCAVATION (CU YD)
SN 096-2011 STAGE I	105	79	105	-26	30	-
SN 096-2011 STAGE II	250	188	80	108	-	-
SUB-TOTAL	355	267	185	-26	30	-
SN 096-0072 STAGE I	565	424	2295	-1871	1870	-
SN 096-0072 STAGE II	500	375	1495	-1120	1120	-
SUB-TOTAL	1065	799	3790	-2991	2990	470
SN 096-0071 STAGE I	770	578	3555	-2977	2975	-
DITCH BANK N.	670	503	1130	-627	630	-
SN 096-0071 STAGE II	1015	761	2340	-1579	1580	-
DITCH BANK S.	545	409	1930	-1521	1520	-
SUB-TOTAL	3000	2251	8955	-6704	6705	315
TOTAL	4420				9725	785

* An earth-shrinkage factor of 0.25 is applied

TRENCH BACKFILL

LOCATION	STATION TO	STATION	OFFSET	CU YD
SN 096-2011	239+62.66	239+73.75	LT&RT	89
SN 096-2011	240+01.00	240+13.09	LT&RT	103
DITCH BANK N.	1+70.00	1+70.00	LT&RT	74
DITCH BANK S.	48+00.00	48+00.00	LT&RT	25
TOTAL				291

SEEDING, FERTILIZERS AND MULCH

LOCATION	STATION TO	STATION	SEEDING CLASS 2A (ACRE)	NITROGEN FERTILIZER (POUND)	PHOSPHORUS FERTILIZER (POUND)	POTASSIUM FERTILIZER (POUND)	AGRICULTURAL GROUND LIMESTONE (TON)	MULCH, METHOD 2 (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)
SN 096-2011	238+00.00	241+55.00	1.00	90.0	90.0	90.0	2.0	1.00	100
SN 096-0072	287+00.00	298+60.00	3.25	292.5	292.5	292.5	6.5	3.25	325
SN 096-0071	298+60.00	313+50.00	4.00	360.0	360.0	360.0	8.0	4.00	400
DITCH BANK N.	1+72.36	5+00.00	0.75	67.5	67.5	67.5	1.5	0.75	75
DITCH BANK S.	45+25.00	49+46.33	1.00	90.0	90.0	90.0	2.0	1.00	100
TOTAL			10.00	900.0	900.0	900.0	20.0	10.00	1000

SUB-BASE GRANULAR MATERIAL, TYPE B

LOCATION	STATION TO	STATION	TON
SN 096-0072	290+00.00	298+60.00	1465
SN 096-0071	298+60.00	306+50.00	2283
DITCH BANK N.	1+12.42	5+00.00	255
DITCH BANK S.	45+25.00	49+82.40	297
TOTAL			4300

HOT-MIX ASPHALT BASE COURSE, 8"

LOCATION	STATION TO	STATION	SQ YD
DITCH BANK N.	1+12.42	5+00.00	1234
DITCH BANK S.	45+25.00	49+82.40	1439
TOTAL			2673

BASE COURSE WIDENING

LOCATION	STATION TO	STATION	OFFSET	SQ YD
SN 096-2011	238+25.00	239+79.00	LT	68
SN 096-2011	240+01.00	241+55.00	LT	86
SN 096-2011	238+25.00	239+52.00	RT	56
SN 096-2011	240+20.00	241+55.00	RT	75
SN 096-0072	287+00.00	294+98.00	LT	443
SN 096-0072	296+02.00	298+60.00	LT	143
SN 096-0071	298+60.00	301+46.00	LT	159
SN 096-0071	301+99.00	309+25.00	LT	406
TOTAL				1436

HOT-MIX ASPHALT BASE COURSE WIDENING, 9"

LOCATION	STATION TO	STATION	OFFSET	SQ YD
SN 096-0072	287+00.00	294+55.00	RT	336
SN 096-0072	296+27.00	298+60.00	RT	104
SN 096-0071	298+60.00	300+90.00	RT	102
SN 096-0071	302+27.00	309+25.00	RT	312
TOTAL				854

BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	STATION TO	STATION	OFFSET	GALLON
SN 096-2011	239+34.00	239+52.00	LT&RT	5
SN 096-2011	240+20.00	240+55.00	LT&RT	10
SN 096-2011	238+99.60	241+00.00	LT&RT	72
SN 096-0072	289+58.31	294+55.00	LT&RT	132
SN 096-0072	296+27.00	298+60.00	LT&RT	62
SN 096-0072	288+41.59	294+55.00	LT&RT	218
SN 096-0072	296+27.00	298+60.00	LT&RT	82
SN 096-0071	298+60.00	300+94.00	LT&RT	62
SN 096-0071	302+36.00	307+19.84	LT&RT	130
SN 096-0071	298+60.00	300+94.00	LT&RT	84
SN 096-0071	302+36.00	308+20.00	LT&RT	210
DITCH BANK N.	1+12.42	5+00.00	LT&RT	75
DITCH BANK S.	45+25.00	49+82.40	LT&RT	85
TOTAL				1227

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	STATION TO	STATION	SQ YD
SN 096-2011	238+99.60	239+23.00	84
SN 096-2011	240+71.00	241+00.00	104
SN 096-0072	288+41.59	289+39.00	346
SN 096-0071	307+41.00	308+20.00	280
TOTAL			814

TEMPORARY RAMP

LOCATION	STATION TO	STATION	SQ YD
SN 096-2011	238+99.60	239+04.60	18
SN 096-2011	240+95.00	241+00.00	18
SN 096-0072	288+41.59	288+46.59	18
SN 096-0072	294+50.00	294+55.00	18
SN 096-0072	296+27.00	296+32.00	18
SN 096-0071	300+89.00	300+94.00	18
SN 096-0071	302+36.00	302+41.00	18
SN 096-0071	308+15.00	308+20.00	18
TOTAL			144

HMA BINDER COURSE, IL-19.0, N70

LOCATION	STATION TO	STATION	OFFSET	TON
SN 096-2011	239+34.00	239+52.00	LT&RT	3.7
SN 096-2011	239+52.00	240+20.00	LT&RT	282.0
SN 096-2011	240+20.00	240+55.00	LT&RT	8.3
SN 096-0072	289+58.31	292+25.00	LT&RT	249.0
SN 096-0072	292+25.00	294+55.00	LT&RT	300.6
SN 096-0072	296+27.00	298+60.00	LT&RT	304.6
SN 096-0071	298+60.00	300+94.00	LT&RT	305.8
SN 096-0071	302+36.00	305+25.00	LT&RT	377.8
SN 096-0071	305+25.00	307+19.84	LT&RT	185.6
TOTAL				2017.4

HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70

LOCATION	STATION TO	STATION	OFFSET	TON
SN 096-2011	238+99.60	241+00.00	LT&RT	59.8
SN 096-0072	288+41.59	294+55.00	LT&RT	183.2
SN 096-0072	296+27.00	298+60.00	LT&RT	69.6
SN 096-0071	298+60.00	300+94.00	LT&RT	69.8
SN 096-0071	302+36.00	308+20.00	LT&RT	175.6
DITCH BANK N.	1+12.42	5+00.00	LT&RT	63.4
DITCH BANK S.	45+25.00	49+82.40	LT&RT	71.6
TOTAL				693.0

BRIDGE APPROACH PAVEMENT

LOCATION	STATION TO	STATION	SQ YD
SN 096-0072	294+55.00	294+85.00	106
SN 096-0072	295+97.00	296+27.00	106
SN 096-0071	300+94.00	301+24.00	106
SN 096-0071	302+06.00	302+36.00	106
TOTAL			424