

EARTH EXCAVATION

20200100

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
TR 401	74.0	55.5	103.0	-47.5
IL 94	100.0	75.0	12.0	+63
DENVER ROAD	84	63.0	33.0	+30
TOTAL	258.0	193.5	148.0	+45.5
USE	258			

SHRINKAGE FACTOR=25%

PAVED SHOULDER REMOVAL

44004250

LOCATION	SIDE	SQ YD
TR 401	RT	31.4
IL 94	LT	172.4
DENVER ROAD	RT	39.1
TOTAL		242.8
USE		243

AGGREGATE SHOULDERS, TYPE B

48101200

LOCATION	SIDE	SQ YD	TON*
TR 401	LT	82.4	9.4
IL 94	RT	25.9	2.9
DENVER ROAD	LT	140.5	16.0
TOTAL			28.3
USE			29

* QUANTITY ESTIMATED USING 2" THICKNESS

SEEDING SCHEDULE

25000200 25000400 25000500 25000600 25100115 28000250

LOCATION	AREA TO BE SEEDED	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMP EROSION CONTROL SEEDING
	SQ FT	ACRE	POUND	POUND	POUND	ACRE	POUND
TR 401	2014	0.05	4.2	4.2	4.2	0.05	4.6
IL 94	1277	0.03	2.6	2.6	2.6	0.03	2.9
DENVER ROAD	1730	0.04	3.6	3.6	3.6	0.04	4.0
TOTAL	5021	0.12	10.4	10.4	10.4	0.12	11.5
USE		0.2	11	11	11	0.2	12

PIPE CULVERT SCHEDULE

54213681 542A0241

LOCATION	SIDE	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	PIPE CULVERTS, CLASS A, TYPE 1 36"
		EACH	FOOT
TR 401	RT	1.0	12.0

SUBBASE GRANULAR MATERIAL, TYPE A, 8"

31100700

LOCATION	SQ YD
TR 401	201.3
IL 94	264.4
DENVER ROAD	200.3
TOTAL	666.0
USE	666

ROADWAY PAVING SCHEDULE

35501331 40600200 40600300 40603315 44000155

LOCATION	HMA ASPHALT BASE COURSE, 1 1/2"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HMA SURFACE COURSE, MIX "C", N70 1 1/2"	HMA SURFACE COURSE, MIX "C", N70 1 1/2"	HMA SURFACE REMOVAL, 1 1/2"
	SQ YD	TON	TON	SQ YD	TON	SQ YD
TR 401	174.5	0.9	0.3	1039.7	87.3	865.2
IL 94	228.5	1.2	0.5	1401.7	117.7	1173.2
DENVER ROAD	173.6	1.1	0.4	1210.9	101.7	1037.3
TOTAL	576.6	3.2	1.2	3652.3	306.8	3075.7
USE	577	4	2		307	3076

SHORT TERM PAVEMENT MARKING

70300100 70301000

STATION TO STATION	SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
	FOOT	SQ FT
TR 401	236	39.3
IL 94	254	42.3
DENVER ROAD	270	45.0
TOTAL	760	126.7
USE	760*	127

NOTE: QUANTITIES INCLUDE 2 APPLICATIONS FOR PAVEMENT MARKING BUT 1 APPLICATION FOR REMOVAL.