

IL 59 - EAST SIDE (EARTH SHELF)

EARTHWORK						
1	2	3	4	5	6	7
IL ROUTE 59 AT US ROUTE 20	EARTH EXCAVATION (CU YD)	UNSUITABLE MATERIAL (CU YD)	EMBANKMENT (CU YD)	ADJUSTMENT FOR SHRINKAGE (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOP SOIL FURNISH AND PLACE (SQ YD)
IL ROUTE 59 (STA. 93+00 TO STA. 93+50)	6	0	0	5.1	5.1	36
IL ROUTE 59 (STA. 93+50 TO STA. 93+93.16)	5	0	0	4.3	4.3	31
IL ROUTE 59 (STA. 94+00 TO STA. 94+25)	0	11	28	0.0	-28.0	58
IL ROUTE 59 (STA. 94+25 TO STA. 94+50)	0	24	100	0.0	-100.0	121
IL ROUTE 59 (STA. 94+50 TO STA. 94+62.51)	0	15	86	0.0	-86.0	63
IL ROUTE 59 (STA. 94+62.51 TO STA. 94+75)	1	15	94	0.9	-93.2	64
IL ROUTE 59 (STA. 94+75 TO STA. 95+00)	1	27	150	0.9	-149.2	132
IL ROUTE 59 (STA. 95+00 TO STA. 95+25)	0	25	103	0.0	-103.0	134
IL ROUTE 59 (STA. 95+25 TO STA. 95+50)	0	24	68	0.0	-68.0	135
IL ROUTE 59 (STA. 95+50 TO STA. 95+75)	2	19	42	1.7	-40.3	137
IL ROUTE 59 (STA. 95+75 TO STA. 96+00)	4	19	30	3.4	-26.6	139
IL ROUTE 59 (STA. 96+00 TO STA. 96+25.15)	3	17	25	2.6	-22.5	139
IL ROUTE 59 (STA. 96.25.15 TO STA. 96+61.15)	3	23	31	2.6	-28.5	195
IL ROUTE 59 (STA. 96.61.15 TO STA. 97+00)	4	21	20	3.4	-16.6	206
IL ROUTE 59 (STA. 97+00 TO STA. 98+00)	9	50	24	7.7	-16.4	510
IL ROUTE 59 (STA. 98+00 TO STA. 99+00)	4	30	14	3.4	-10.6	248
IL ROUTE 59 (STA. 108+65 TO STA. 109+00)	7	19	42	6.0	-36.1	54
IL ROUTE 59 (STA. 109+00 TO STA. 109+59.53)	4	31	77	3.4	-73.6	175
IL ROUTE 59 (STA. 109+59.53 TO STA. 110+00)	2	22	54	1.7	-52.3	118
IL ROUTE 59 (STA. 110+00 TO STA. 111+00)	4	42	81	3.4	-77.6	296
IL ROUTE 59 (STA. 111+00 TO STA. 112+00)	0	22	35	0.0	-35.0	146
TOTAL	59	456	1104	50.2	-1053.9	3137
COLUMN 1: LOCATION FROM PLANS COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIAL COLUMN 3: CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT, ASSUME 6" OF UNSUITABLE MATERIAL COLUMN 4: QUANTITIES FROM CROSS SECTIONS (FILL)		COLUMN 5: EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR WAS DETERMINED TO BE 15% COLUMN 6: COLUMN 5 - COLUMN 4, POSITIVE QUANTITY= EXTRA EXCAVATION, NEGATIVE QUANTITY= FURNISHED EXCAVATION NEEDED COLUMN 7: TOPSOIL FURNISH AND PLACE= AREA OF SEEDING AND TOPSOIL				