

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	*	DOUGLAS	42	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

SHEET 5 OF 5

(12,Y-15D)ORS-2

63200310 GUARDRAIL REMOVAL

STATION	TO	STATION	QUANTITY (FT)
RT. 22+81.75		RT. 23+44.25	62.50
LT. 22+81.75		LT. 23+44.25	62.50
LT. 144+70.17		LT. 145+47.48	77.31
RT. 145+21.38		RT. 145+98.69	77.31
LT. 148+74.95		LT. 149+52.26	77.31
RT. 149+25.62		RT. 150+02.93	77.31
RT. 183+87.50		RT. 192+62.50	875.00
LT. 183+87.50		LT. 192+12.50	825.00
TOTAL =			2,134.24 FT
USE =			2,135.00 FT

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

STATION	TO	STATION	QUANTITY (FT)
LT. 184+37.50		LT. 191+62.50	725.0
RT. 184+37.50		RT. 192+12.50	775.0
TOTAL =			1,500.0 FT

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

STATION	TO	STATION	QUANTITY (EACH)
LT. 144+88.69		LT. 145+34.34	1.0
RT. 145+39.89		RT. 145+85.54	1.0
LT. 148+88.09		LT. 149+33.74	1.0
RT. 149+38.76		RT. 149+84.41	1.0
TOTAL =			4.0 EACH

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)

STATION	TO	STATION	QUANTITY (EACH)
LT. 22+64.00		LT. 23+14.00	1.0 ** (SEE NOTE BELOW)
RT. 22+64.00		RT. 23+14.00	1.0 ** (SEE NOTE BELOW)
LT. 23+14.00		LT. 23+64.00	1.0 ** (SEE NOTE BELOW)
RT. 23+14.00		RT. 23+51.50	1.0 ** (SEE NOTE BELOW)
LT. 144+38.69		LT. 144+88.69	1.0
RT. 144+89.89		RT. 145+39.89	1.0
LT. 149+33.74		LT. 149+83.74	1.0
RT. 149+84.41		RT. 150+34.41	1.0
LT. 183+87.50		LT. 184+37.50	1.0
RT. 183+87.50		RT. 184+37.50	1.0
LT. 191+62.50		LT. 192+12.50	1.0
RT. 192+12.50		RT. 192+62.50	1.0
TOTAL =			12.0 EACH

** NOTE: AT STA 23+14, THE LAST SECTION OF GUARDRAIL FOR EACH TERMINAL SHALL BE SPLICED AT THE CENTER OF THE BOX CULVERT. THE POST USED AT THE SPLICE WILL BE ATTACHED TO THE STRUCTURE. THE EXISTING MOUNTING BRACKET SHALL BE USED FOR SUPPORT.
ALSO, ONE SECTION OF THE LENGTH OF NEED ON THE TYPE 1 TRAFFIC BARRIER IN THE NORTHEAST QUADRANT OF THE STRUCTURE SHALL BE DELETED TO KEEP THE END TERMINAL AWAY FROM THE PRIVATE ENTRANCE AT RT. STA. 23+90.

78200405 GUARDRAIL MARKERS

STATION	TO	STATION	QUANTITY (EACH)
LT. 22+64.00		LT. 23+64.00	2.0
RT. 22+64.00		RT. 23+51.50	2.0
LT. 144+38.69		LT. 145+34.34	2.0
RT. 144+89.89		RT. 145+85.54	2.0
LT. 148+88.09		LT. 149+83.74	2.0
RT. 149+38.76		RT. 150+34.41	2.0
LT. 184+37.50		LT. 191+62.50	10.0
RT. 184+37.50		RT. 192+12.50	11.0
TOTAL =			33.0 EACH

78201000 TERMINAL MARKER - DIRECT APPLIED

STATION	QUANTITY (EACH)
LT. 22+64.00	1.0
RT. 22+64.00	1.0
LT. 23+64.00	1.0
RT. 23+51.50	1.0
LT. 144+38.69	1.0
RT. 144+89.89	1.0
LT. 149+83.74	1.0
RT. 150+34.41	1.0
LT. 183+87.50	1.0
RT. 183+87.50	1.0
LT. 192+12.50	1.0
RT. 192+62.50	1.0
TOTAL = 12.0 EACH	

28000400 PERIMETER EROSION BARRIER

STATION	TO	STATION	OFFSET (FT)	QUANTITY (FT)
LT. 183+53.50		LT. 192+46.50	28.0	893.0
RT. 183+53.50		RT. 192+96.50	28.0	943.0
TOTAL =				1,836.0 FT

25000350 SEEDING, CLASS 7

SEEDING, CLASS 7 IS CALCULATED FOR THE SAME AREAS AS SEEDING, CLASS 2

TOTAL =	26,793.5	SO FT
USE =	0.7	ACRE

28000250 TEMPORARY EROSION CONTROL SEEDING

APPLICATION RATE = 100 LB / ACRE
TEMPORARY EROSION CONTROL SEEDING IS CALCULATED FOR THE SAME AREAS AS SEEDING, CLASS 2

TOTAL =	70.0	LB
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EARTHWORK

STATION	TO	STATION	20200100 EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
RT. 32+00.00			24.0	18.0		18.0
RT. 60+24.00			24.0	18.0		18.0
RT. 65+61.00			24.0	18.0		18.0
RT. 70+20.00			24.0	18.0		18.0
LT. 183+53.50		LT. 192+46.50			220.0	-220.0
RT. 183+53.50		RT. 192+96.50			230.0	-230.0
TOTAL =			96.0 (CU YD)	72.0 (CU YD)	450.0 (CU YD)	-378.0 (CU YD)

20200100 EARTH EXCAVATION =	96.0 CU YD
20400800 FURNISHED EXCAVATION =	380.0 CU YD
SHRINKAGE FACTOR =	25.0 %

NOTE: NO EARTHWORK SHALL BE REQUIRED FOR SHOULDER WIDENING AT TRAFFIC BARRIER TERMINALS, TYPE 1, SPECIAL (TANGENT) LOCATED AT STA. LT. 22+64, RT. 22+64, LT. 23+64, RT. 23+51.50, LT. 144+38.69, RT. 144+89.87, LT. 149+83.74 AND RT. 150+34.41.

SEEDING, CLASS 2

STATION	TO	STATION	25000200 SEEDING, CLASS 2 (SO FT)	25000400 NITROGEN (LB)	25000500 PHOSPHORUS (LB)	25000600 POTASSIUM (LB)	25100115 MULCH (SO FT)
LT. 22+64.00		LT. 23+14.00	250.0	0.52	0.52	0.52	250.0
RT. 22+64.00		RT. 23+14.00	250.0	0.52	0.52	0.52	250.0
LT. 23+14.00		LT. 23+64.00	250.0	0.52	0.52	0.52	250.0
RT. 23+14.00		RT. 23+51.50	187.5	0.39	0.39	0.39	187.5
RT. 32+00.00			1,040.0	2.15	2.15	2.15	1,040.0
RT. 60+24.00			1,040.0	2.15	2.15	2.15	1,040.0
RT. 65+61.00			1,040.0	2.15	2.15	2.15	1,040.0
RT. 70+20.00			1,040.0	2.15	2.15	2.15	1,040.0
LT. 84+88.00			500.0	1.03	1.03	1.03	500.0
LT. 144+38.69		LT. 144+88.69	250.0	0.52	0.52	0.52	250.0
RT. 144+89.89		RT. 145+39.89	250.0	0.52	0.52	0.52	250.0
LT. 149+33.74		LT. 149+83.74	250.0	0.52	0.52	0.52	250.0
RT. 149+84.41		RT. 150+34.41	250.0	0.52	0.52	0.52	250.0
LT. 183+53.50		LT. 192+46.50	9,823.0	20.30	20.30	20.30	9,823.0
RT. 183+53.50		RT. 192+96.50	10,373.0	21.43	21.43	21.43	10,373.0
TOTAL =			26,793.5	55.39	55.39	55.39	26,793.5
USE =			0.7	56.00	56.00	56.00	0.7
			(ACRE)	(LB)	(LB)	(LB)	(ACRE)

PLOT DATE = 10/18/2007
FILE NAME = c:\projects\0506902 (v8)\70275\text.dgn
USER NAME = collierfw

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
F.A.P. 808 (IL ROUTE 130)
SECTION (12,Y-15D)ORS-2
DOUGLAS COUNTY
Sheet 5 of 5
SCALE: NOT TO SCALE
DATE: 10/04/07
DRAWN BY: B.B.P.
CHECKED BY: G.A.E.