

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B21	(15-2)BR	JEFFERSON	33	7

STA. TO STA.  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

CONTRACT NO. 98958

**EARTHWORK**

LOCATION	EARTH EXCAVATION (CUT) CU YD	EARTH EXCAVATION (SHRINKAGE) CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) CU YD
STA 125+95 TO STA 128+98	75	60	50	10
STA 130+64 TO STA 133+70	125	95	60	35
TOTAL	200	155	110	45

SEEDING, CLASS 2 (MODIFIED)

LOCATION	ACRE
LT STA 126+20 TO STA 129+25	0.13
LT STA 130+63 TO STA 133+70	0.12
RT STA 125+95 TO STA 129+00	0.12
RT STA 130+37 TO STA 133+40	0.13
LT & RT STA 129+01 TO STA 130+61	0.20
TOTAL	0.70

TEMPORARY EROSION CONTROL SEEDING

LOCATION	POUND
LT STA 126+20 TO STA 129+25	13
LT STA 130+63 TO STA 133+70	12
RT STA 125+95 TO STA 129+00	12
RT STA 130+37 TO STA 133+40	13
LT & RT STA 129+01 TO STA 130+61	20
TOTAL	70

PERIMETER EROSION BARRIER

LOCATION	FOOT
LT STA 129+30 TO STA 130+00	70
LT STA 129+89 TO STA 130+00	36
LT STA 130+37 TO STA 130+40	8
LT STA 130+40 TO STA 130+95	55
RT STA 128+60 TO STA 129+18	59
RT STA 129+18 TO STA 129+24	10
RT STA 129+65 TO STA 129+82	34
RT STA 129+65 TO STA 130+46	82
TOTAL	354

THE LAYOUT OF PERIMETER EROSION BARRIER MAY BE VARIED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 10 INCH

LOCATION	WIDTH	SO YD
PRELIMINARY PHASE		
RT STA 125+95 TO STA 128+91	3'	99
RT STA 130+57 TO STA 133+40	3'	94
STAGE 1		
LT STA 126+20 TO STA 128+49	4'	102
LT STA 131+14 TO STA 133+70	4'	113
TOTAL		408

APPROACH SLAB REMOVAL

LOCATION	SO YD
STAGE 1	
LT STA 128+49.00 TO STA 128+97.95	72
LT STA 130+64.97 TO STA 131+14.00	62
STAGE 2	
RT STA 128+49.00 TO STA 128+97.95	61
RT STA 130+64.97 TO STA 131+14.00	70
TOTAL	265

BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)

LOCATION	SO YD
STAGE 1	
LT STA 128+49.00 TO STA 128+69.14	55
LT STA 130+95.31 TO STA 131+14.00	28
STAGE 2	
RT STA 128+49.00 TO STA 128+69.14	35
RT STA 130+95.31 TO STA 131+14.00	64
TOTAL	182

BRIDGE APPROACH PAVEMENT

LOCATION	SO YD
STAGE 1	
LT STA 129+69.14 TO STA 129+99.14	66
LT STA 130+64.99 TO STA 130+95.31	66
STAGE 2	
RT STA 129+69.14 TO STA 129+99.14	77
RT STA 130+64.99 TO STA 130+95.31	75
TOTAL	284

BITUMINOUS SURFACE REMOVAL - BUTT JOINT

LOCATION	WIDTH	SO YD
STA 128+20 TO STA 128+50	41.84	140
STA 131+15 TO STA 131+45	41.84	140
TOTAL		280

TEMPORARY RAMP

LOCATION	WIDTH	SO YD
STAGE 1		
STA 128+64 TO STA 128+69	19.67	11
STA 130+95 TO STA 131+00	19.67	11
STAGE 2		
STA 128+64 TO STA 128+69	22.67	13
STA 130+95 TO STA 131+00	22.67	13
FINAL PHASE		
STA 128+20 TO STA 128+25	41.84	24
STA 131+40 TO STA 131+45	41.84	24
TOTAL		96

• CONSTRUCT TEMPORARY RAMP AT APPROACH PAVEMENT PRIOR TO OPENING TO TRAFFIC

BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	GALLON
STA 128+20 TO STA 128+69.14	23
STA 130+95.31 TO STA 131+45	24
TOTAL	47

AGGREGATE (PRIME COAT)

LOCATION	TON
STA 128+20 TO STA 128+69.14	0.5
STA 130+95.31 TO STA 131+45	0.5
TOTAL	1

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N90

LOCATION	TON
STA 128+20 TO STA 128+69.14	19
STA 130+95.31 TO STA 131+45	20
TOTAL	39

BITUMINOUS SHOULDERS SUPERPAVE 8"

LOCATION	SO YD
STAGE 1	
LT STA 127+70.25 TO STA 129+10.5	78
LT STA 130+79.2 TO STA 132+93.3	152
STAGE 2	
RT STA 126+33.56 TO STA 128+85.27	206
RT STA 130+51.3 TO STA 132+30	120
TOTAL	556

PAVEMENT REMOVAL

LOCATION	SO YD
STAGE 2	
RT STA 128+49 TO STA 128+91	14
RT STA 130+57 TO STA 131+14	20
TOTAL	34
REMOVAL OF BASE COURSE WIDENING CONSTRUCTED IN THE PRELIMINARY PHASE	

PAVED SHOULDER REMOVAL

LOCATION	SO YD
PRELIMINARY PHASE	
RT STA 125+95 TO STA 128+91	121
RT STA 130+57 TO STA 133+40	117
STAGE 1	
LT STA 126+20 TO STA 129+05	110
LT STA 130+72 TO STA 133+70	151
TOTAL	499

STEEL PLATE BEAM GUARDRAIL TYPE A

LOCATION	FOOT
STAGE 1	
LT STA 128+40.72 TO STA 128+78.36	37.5
LT STA 131+08.39 TO STA 132+21.31	112.5
STAGE 2	
RT STA 127+05.42 TO STA 128+54.87	150
RT STA 130+83.33 TO STA 131+58.06	75
TOTAL	375

TRAFFIC BARRIER TERMINAL TYPE 6

LOCATION	EACH
STAGE 1	
LT STA 128+78.36 TO STA 129+09.12	1
LT STA 130+77.63 TO STA 131+08.39	1
STAGE 2	
RT STA 128+54.87 TO STA 128+85.41	1
RT STA 130+52.79 TO STA 130+83.33	1
TOTAL	4

TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)

LOCATION	EACH
STAGE 1	
LT STA 127+90.54 TO STA 128+40.72	1
LT STA 132+21.31 TO STA 132+73.16	1
STAGE 2	
RT STA 126+55.60 TO STA 127+05.42	1
RT STA 131+58.06 TO STA 132+07.88	1
TOTAL	4

GUARDRAIL REMOVAL

LOCATION	FOOT
STAGE 1	
LT STA 127+92.50 TO STA 129+05.50	113
LT STA 130+74.00 TO STA 132+49.50	175.5
STAGE 2	
RT STA 127+13.00 TO STA 128+88.50	175.5
RT STA 130+58.00 TO STA 131+71.00	113
TOTAL	577

PAINT PAVEMENT MARKING -LINE 4"

LOCATION	FOOT
SOLID WHITE EDGE LINE	
LT STA 125+55 TO STA 134+07	850
RT STA 125+55 TO STA 134+07	850
YELLOW SKIP DASH	
STA 125+55 TO STA 134+07	220
TOTAL	1920

REPLACEMENT REFLECTORS

LOCATION	EACH
STA 125+55 TO STA 128+68	5
STA 130+95 TO STA 134+07	5
TOTAL	10

GUARDRAIL MARKERS TYPE A

LOCATION	EACH
LT STA 128+40.72 TO STA 129+09.12	1
LT STA 130+77.63 TO STA 132+21.31	2
RT STA 127+05.42 TO STA 128+85.41	2
RT STA 130+52.79 TO STA 131+58.06	2
TOTAL	7

BARRIER WALL MARKERS TYPE B

LOCATION	EACH
LT STA 129+09.12 TO STA 130+77.63	3
RT STA 128+85.41 TO STA 130+52.79	3
TOTAL	6

TERMINAL MARKERS - DIRECT APPLIED

LOCATION	EACH
STAGE 1	
LT STA 127+90.54	1
LT STA 132+73.16	1
RT STA 126+55.60	1
RT STA 132+07.88	1
TOTAL	4

PAVEMENT MARKING REMOVAL

LOCATION	SO FT
STAGE 1	
SOLID WHITE EDGE LINE	
LT STA 125+55 TO STA 128+49	98
LT STA 131+14 TO STA 134+07	98
RT STA 125+55 TO STA 134+07	284
YELLOW SKIP DASH	
STA 125+55 TO STA 128+49	27
STA 131+14 TO STA 134+07	27
TOTAL	534

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 2

LOCATION	EACH
LT STA 127+45	1
LT STA 132+16	1
TOTAL	2

IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE) TEST LEVEL 2

LOCATION	EACH
RT STA 127+36	1
RT STA 132+27	1
TOTAL	2

TEMPORARY CONCRETE BARRIER

LOCATION	TYPE	FOOT
STAGE 1		
STA 127+45.85 TO STA 128+35.85	12:1 TAPER	90
STA 128+35.85 TO STA 131+25.75	TANGENT	290
STA 131+25.75 TO STA 132+15.65	12:1 TAPER	90
STAGE 2		
STA 127+36.40 TO STA 127+46.40	12:1 TAPER	10
STA 132+16.20 TO STA 132+26.20	12:1 TAPER	10
TOTAL		490

RELOCATE TEMPORARY CONCRETE BARRIER

LOCATION	TYPE	FOOT
STAGE 2		
STA 127+46.40 TO STA 128+36.20	12:1 TAPER	90
STA 128+36.20 TO STA 131+26.30	TANGENT	290
STA 131+26.30 TO STA 132+16.20	12:1 TAPER	90
TOTAL		470

**SCHEDULE OF QUANTITIES**

F.A.P. ROUTE 821 (IL 15)  
SECTION (15-2)BR  
JEFFERSON COUNTY

CUMMINS ENGINEERING CORPORATION  
JOB #: 2175  
FILE#: 2175SCHEDULE  
DATE: 6/01/06