

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1513	5BR-1	CHAMPAIGN	38	4
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT	

FURNISHED EXCAVATION				
LOCATION	EARTH EXCAVATION (CY)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT (CY)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)
STA. 13+00 TO 16+00	45	34	125	-91
STA. 17+50 TO 20+00	50	38	60	-22
BULK EXCAVATION BEHIND EX ABUTMENTS	820	615	0	+615
STRUCTURE EXCAVATION (FROM BRIDGE PLANS)	380	285	0	+285
• COFFERDAM EXCAVATION	127	95	0	+95
TOTAL	1422	1067	185	+882
FURNISHED EXCAVATION = EMBANKMENT - (EXCAVATION x 0.75) = 185.0 - 1067.0 = -882.0 CU. YD.				

• UNSUITABLE MATERIAL FOR EMBANKMENT

BRIDGE APPROACH PAVEMENT SCHEDULE		
ITEM	LOCATION	QUANTITY
BRIDGE APPROACH PAVEMENT	STA. 15+72.28 TO 16+02.28	110 SQ. YD.
	STA. 17+35.72 TO 17+65.72	110 SQ. YD.
BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	STA. 15+66.28 TO 15+72.28	21.5 SQ. YD.
	STA. 17+65.72 TO 17+71.72	21.5 SQ. YD.
** SUB-BASE GRANULAR MATERIAL, TYPE A, 8"	STA. 15+66.28 TO 16+01.50	142 SQ. YD.
	STA. 17+36.50 TO 17+71.72	142 SQ. YD.
PAVEMENT REMOVAL	STA. 15+66.28 TO 16+38	223 SQ. YD.
	STA. 17+00 TO 17+71.72	223 SQ. YD.
PAVEMENT GROOVING	STA. 15+72.28 TO 16+04.61	110 SQ. YD.
	STA. 17+33.39 TO 17+65.72	110 SQ. YD.

** THE ADDITIONAL SUB-BASE GRANULAR MATERIAL IS FOR RAISING THE PROFILE ELEVATION TO THE BASE OF THE BRIDGE APPROACH PAVEMENT SUB-BASE AFTER PAVEMENT REMOVAL.

HOT-MIX ASPHALT SURFACE & BINDER COURSE YIELD				
STATION	THICKNESS (IN)		YIELD (LB/SY)	
	BINDER	SURFACE	BINDER	SURFACE
13+00	0	1.5	0	168
14+00	0	1.5	0	168
14+50	2.7	1.5	302.4	168
15+00	5.1	1.5	571.2	168
15+50	8.5	1.5	952.0	168
18+00	2.8	1.5	313.6	168
18+50	0	1.5	0	168
19+00	0	1.5	0	168

GUARDRAIL SCHEDULE		
ITEM	LOCATION	QUANTITY
STEEL PLATE BEAM GUARDRAIL, TYPE A	RT. STA. 13+74.89 TO 15+12.39	137.5 L.F.
	LT. STA. 15+06.53 TO 15+69.03	62.5 L.F.
	RT. STA. 17+68.97 TO 18+31.47	62.5 L.F.
	LT. STA. 18+07.11 TO 19+57.11	150 L.F.
TRAFFIC BARRIER TERMINAL, TYPE 6	RT. STA. 15+12.39 TO 15+55.54*	1 EACH
	LT. STA. 15+69.03 TO 16+12.18*	1 EACH
	RT. STA. 17+25.82* TO 17+68.97	1 EACH
	LT. STA. 17+63.96* TO 18+07.11	1 EACH
TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	RT. STA. 13+24.89 TO 13+74.89	1 EACH
	LT. STA. 14+56.53 TO 15+06.53	1 EACH
	RT. STA. 18+31.47 TO 18+81.47	1 EACH
	LT. STA. 19+57.11 TO 20+07.11	1 EACH
GUARDRAIL REMOVAL	RT. STA. 15+17 TO 16+17	100 L.F.
	LT. STA. 15+59 TO 16+59	100 L.F.
	RT. STA. 16+83 TO 17+83	100 L.F.
GUARDRAIL MARKERS, TYPE B	LT. STA. 17+18 TO 18+18	100 L.F.
	RT. STA. 13+24.89 TO 15+55.54	3 EACH
	LT. STA. 14+56.53 TO 16+12.18	2 EACH
	RT. STA. 17+25.82 TO 18+81.47	2 EACH
	LT. STA. 17+63.96 TO 20+07.11	3 EACH
TERMINAL MARKER - DIRECT APPLIED	RT. STA. 13+24.89	1 EACH
	LT. STA. 14+56.53	1 EACH
	RT. STA. 18+81.47	1 EACH
	LT. STA. 20+07.11	1 EACH

• END OF WINGWALL STATION

TEMPORARY DITCH CHECKS		
LOCATION	OFFSET	QUANTITY
13+50.89	45.26' RT	1
14+80.48	43.97' LT	1
15+01.56	47.83' RT	1
15+48.98	43.97' LT	1
15+71.78	35.00' RT	1
15+76.10	37.10' LT	1
18+54.55	35.00' RT	1
19+81.15	37.73' LT	1

COMBINATION CURB AND GUTTER REMOVAL	
LOCATION	QUANTITY
RT. STA. 14+96 TO 16+20	124 L.F.
LT. STA. 15+27 TO 16+59	132 L.F.
RT. STA. 16+83 TO 18+12	129 L.F.
LT. STA. 17+17 TO 18+42	125 L.F.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 IL ROUTE 10 OVER CAMP CREEK
 FAS RTE. 1513 SECTION 5BR-1
 STA. 16+69
 CHAMPAIGN COUNTY STR. 010-0133
 SCALE: NONE DRAWN BY GEW
 DATE MAY 2007 CHECKED BY MJS