

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	104BR-1	CHAMPAIGN	24	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

AGGREGATE SHOULDERS, TYPE B	
LOCATION STA TO STA	AGGREGATE SHLDRS TON
RT STA 1455+45 TO STA 1456+30	8
RT STA 1459+80 TO STA 1459+93	1
LT STA 1456+20 TO STA 1456+90	7
LT STA 1459+20 TO STA 1460+68	11
TOTAL	27

SHORT TERM PAVEMENT MARKING SCHEDULE		
LOCATION STATION TO STATION	LENGTH	SHORT TERM (FT)
4" CENTERLINE STA 1454+03 TO STA 1462+07	804	80
4" EDGE LINE RT STA 1454+03 TO STA 1462+07	804	32
4" EDGE LINE LT STA 1454+03 TO STA 1462+07	804	32
TOTAL		144

PERIMETER EROSION BARRIER	
STATION TO STATION	FOOT
LT STA 1456+08.71 TO STA 1460+81.05	482.33
RT STA 1455+35.66 TO STA 1459+82.00	468.32
TOTAL	951

BASE COURSE (OPTION)			
STATION	WIDTH = 8'-3" SQ YD	WIDTH VARIES 5'-4" TO 5'-2" SQ YD	WIDTH = 5'-2" SQ YD
RT STA 1456+30 TO STA 1457+85.74	142.8		
RT STA 1458+27.74 TO STA 1459+80	139.6		
LT STA 1456+90 TO STA 1457+04		8.2	
LT STA 1457+04 TO STA 1457+85.74			46.9
LT STA 1458+27.74 TO STA 1459+20			53.0
TOTAL	282.4	8.2	99.9

PAVEMENT MARKING REMOVAL SCHEDULE		
LOCATION STATION TO STATION	LENGTH (FT)	REMOVAL (SQ FT)
CENTERLINE STA 1454+03 TO STA 1457+55.70	88.25	37
CENTERLINE STA 1458+57.78 TO STA 1462+07	87.5	37
EDGE LINE RT STA 1454+03 TO STA 1457+55.7	353	148
EDGE LINE LT STA 1454+03 TO STA 1457+55.7	353	148
EDGE LINE RT STA 1458+57.78 TO STA 1462+07	350	147
EDGE LINE LT STA 1458+57.78 TO STA 1462+07	350	147
TOTAL		664

TEMPORARY PAVEMENT MARKING SCHEDULE			
LOCATION STATION TO STATION	LENGTH	4" YELLOW SKIP-DASH (FT)	4" WHITE SOLID (FT)
CENTERLINE STA. 1454+03 TO STA. 1462+07	804.00	200.0	
EDGE LINE RT STA. 1454+03 TO STA. 1462+07	804.00		804.0
EDGE LINE LT STA. 1454+03 TO STA. 1462+07	804.00		804.0
TOTAL	2412.0	200.0	1608.0

WORK ZONE PAVEMENT MARKING REMOVAL SCHEDULE		
LOCATION STATION TO STATION	LENGTH (FT)	REMOVAL (SQ FT)
24" STOP BAR STA 1454+03	12	24
24" STOP BAR STA 1462+07	12	24
4" EDGE LINES STA 1454+03 TO STA 1462+07 (STAGE I)	804	535.5
4" EDGE LINES STA 1454+03 TO STA 1462+07 (STAGE II)	804	535.5
4" CENTERLINE STA 1454+03 TO STA 1462+07 (TEMP & SHORT TERM)	804	93.2
4" EDGE LINE RT STA 1454+03 TO STA 1462+07 (SHORT-TERM)	32	11
4" EDGE LINE LT STA 1454+03 TO STA 1462+07 (SHORT-TERM)	32	11
4" EDGE LINE RT STA 1454+03 TO STA 1462+07 (TEMP)	804	267.7
4" EDGE LINE LT STA 1454+03 TO STA 1462+07 (TEMP)	804	267.7
TOTAL		1770

PAVEDE SHOULDER REMOVAL	
LOCATION STA TO STA	REMOVAL SQ YD
RT STA 1456+35.74 TO STA 1457+85.74	100
RT STA 1458+27.28 TO STA 1459+77.28	100
LT STA 1456+90.00 TO STA 1457+85.74	64
LT STA 1458+27.28 TO STA 1459+20.00	62
TOTAL	326

RESURFACING			
LOCATION	HMA SURF. REM. BUTT-JOINT	BIT. PRIME COAT	HMA SURF. CSE.
	SQ YD	GAL	TON
STA 1457+55.70 TO STA 1457+85.7	131.4	10.5	11.05
STA 1458+27.78 TO STA 1458+57.7	131.4	10.5	11.05
TOTAL	262.8	21	22.1

PAINT PAVEMENT MARKING SCHEDULE			
LOCATION STATION TO STATION	LENGTH	4" YELLOW SKIP-DASH (FT)	4" WHITE SOLID (FT)
CENTERLINE STA. 1454+03 TO STA. 1462+07	804.00	200.0	
EDGE LINE RT STA. 1454+03 TO STA. 1462+07	804.00		804.0
EDGE LINE LT STA. 1454+03 TO STA. 1462+07	804.00		804.0
TOTAL	2412.0	200.0	1608.0

TEMPORARY DITCH CHECKS		
STATION	OFFSET	EACH
1457+60	50' LT	1
1457+60	50' RT	1
1458+40	45' LT	1
1458+40	45' RT	1
TOTAL		4

FINAL PROPOSED STEEL PLATE BEAM GUARDRAIL AND TERMINAL SECTIONS					
LOCATION	TBT TY 6A	SPBGR TY A	TBT TY 1, SP	TERM MKR DIR APP	G.R. MKR TY A
	EACH	FOOT	EACH	EACH	EACH
RT STA 1455+82.67 TO STA 1456+32.67			1	1	
RT STA 1456+32.67 TO STA 1457+45.17		112.5			2
RT STA 1457+45.17 TO STA 1457+88.3	1				1
RT STA 1458+25.16 TO STA 1458+68.31	1				1
RT STA 1458+68.31 TO STA 1459+05.81		37.5			1
RT STA 1459+05.81 TO STA 1459+55.81			1	1	
LT STA 1456+57.67 TO STA 1457+07.67			1	1	
LT STA 1457+07.67 TO STA 1457+45.17		37.5			1
LT STA 1457+45.17 TO STA 1457+88.3	1				1
LT STA 1458+24.91 TO STA 1458+68.06	1				1
LT STA 1458+68.06 TO STA 1459+80.56		112.5			2
LT STA 1459+80.56 TO STA 1460+30.56			1	1	
TOTAL	4	300	4	4	10

*TBT TY 1, SPECIAL (TANGENT) TERMINALS ARE TO BE INITIALLY INSTALLED PRIOR TO STAGE I CONSTRUCTION. USE PAY ITEM XX003412 TO REMOVE AND RE-ERECT THESE TERMINALS WHEN THE PROPOSED SPBGR IS ERECTED.

SUMMARY OF EARTHWORK				
LOCATION	EARTH EXCAVATION	EARTH * EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTH ** BALANCE WASTE (+) OR SHORTAGE (-)
LEFT SIDE	CU YD	CU YD	CU YD	CU YD
STA 1455+40 TO STA 1457+85	16	12	8	4
BRIDGE OMISSION				
STA 1458+28 TO STA 1460+80	14	10	14	-4
LEFT TOTAL	30	22	22	0
RIGHT SIDE	CU YD	CU YD	CU YD	CU YD
STA 1455+40 TO STA 1457+85	24	18	34	-16
BRIDGE OMISSION				
STA 1458+28 TO STA 1460+80	27	20	8	12
RIGHT TOTAL	51	38	42	-4
PROJECT TOTAL	81	60	64	-4

- * AN EARTH SHRINKAGE FACTOR OF 0.25 HAS BEEN APPLIED
- ** EARTHWORK SHORTAGE SHALL BE PAID FOR AS FURNISHED EXCAVATION

SEEDING, FERTILIZERS, AND MULCH						
LOCATION	SEEDING CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 2	TEMPORARY EROSION CONTROL SEEDING
	ACRE	POUND	POUND	POUND	ACRE	POUND
STA 1455+40 TO STA 1460+80 MINUS BRIDGE OMISSION	0.25	23	23	23	0.25	25
TOTAL	0.25	23	23	23	0.25	25

EXISTING GUARDRAIL REMOVAL & RE-ERECT SCHEDULE						
LOCATION	TOTAL BARRIER LENGTH	REMOVAL ONLY			REMOVAL AND RE-ERECT	
		63200305 SPBGR REM	63304390 TBT TY 1A*	63300205 SPBGR	63300440 TBT TY 5**	XX003412 TBT TY 1 SP
	FOOT	FOOT	EACH	FOOT	EACH	EACH
LT 1456+84.99 TO STA 1457+85.74	100.75	75.75	1	62.5	1	1
LT 1458+27.74 TO STA 1459+28.49	100.75	75.75	1	62.5	1	1
RT 1456+84.99 TO STA 1457+85.74	100.75	75.75	1	62.5	1	1
RT 1458+27.74 TO STA 1459+28.49	100.75	75.75	1	62.5	1	1
TOTAL	403.00	303.00	4	250.00	4	4

- *EXISTING TRAFFIC BARRIER TERMINAL TYPE 1A LENGTH IS 25 FEET.
- **EXISTING TRAFFIC BARRIER TERMINAL TYPE 5 LENGTH IS 13.25 FEET.

COOMBE-BLOXDORF P.C.
 Engineers / Land Surveyors
 Springfield, Illinois
 Design Firm License No. 184-002708

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 US 136 OVER LONE TREE CREEK
 FAP ROUTE 709, SECTION 104BR-1
 CHAMPAIGN COUNTY
 SCALE: _____ DRAWN BY CFC
 DATE: 04/19/06 CHECKED BY _____

PLOT DATE = 10/18/2006
 FILE NAME = c:\p\projects\0505682\submit_10.13.06\dgn\schedule_of_quantities.dgn
 PLOT SCALE = 2:1176 / IN.
 USER NAME = kgjrb