

EARTHWORK BALANCE					
STAGE 1					
LOCATION	EARTH EXCAVATION (CY)	STRUCTURE EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT (CY)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)
STA 686+00 TO 688+30	427		320	546	-226
STA 689+40 TO 691+00	8		6	29	-23
BULK EXCAVATION BEHIND EX ABUTMENTS	220		165	-	+165
STRUCTURE EXCAVATION (FROM BRIDGE PLANS)		114	86	-	+86
TOTAL (STAGE 1)	655	114	577	575	+2
STAGE 2					
LOCATION	EARTH EXCAVATION (CY)	STRUCTURE EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT (CY)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)
STA 686+00 TO 688+30	15		11	78	-67
STA 689+40 TO 691+30	27		20	26	-6
BULK EXCAVATION BEHIND EX ABUTMENTS	220		165	-	+165
STRUCTURE EXCAVATION (FROM BRIDGE PLANS)		114	86	-	+86
TOTAL (STAGE 2)	262	114	282	104	+178
TOTAL (STAGES 1 & 2)	917	228	859	679	+180
FURNISHED EXCAVATION = EMBANKMENT - (EXCAVATION x 0.75) [SHRINKAGE FACTOR = 25%]					

HMA SURFACE REMOVAL - BUTT JOINT			
LOCATION	LENGTH FOOT	WIDTH FOOT	AREA SQ YD
STA. 687+00 TO STA. 687+30	30	32	107
STA. 690+70 TO STA. 691+00	30	32	107
TOTAL			214

TEMPORARY DITCH CHECKS		
LOCATION	OFFSET	QUANTITY
STA 688+10.00	58' RT	1
STA 688+74.00	57' RT	1
STA 688+94.00	45' LT	1
STA 689+47.00	63' LT	1
TOTAL		4

TEMPORARY RAMP			
LOCATION	LENGTH FOOT	WIDTH FOOT	AREA SQ YD
STA. 687+00 TO STA. 687+05	5	32	18
STA. 688+00 TO STA. 687+90	10	32	36
STA. 689+70 TO STA. 689+80	10	32	36
STA. 690+95 TO STA. 691+00	5	32	18
TOTAL			108

BASE COURSE OPTION	
LOCATION	QUANTITY
STA. 686+50.00 TO STA. 688+43.76 LT	64 SQ YD
STA. 689+46.54 TO STA. 691+00.00 LT	51 SQ YD
STA. 686+50.00 TO STA. 687+83.85 RT	45 SQ YD
STA. 689+65.85 TO STA. 691+00.00 RT	45 SQ YD
TOTAL	205 SQ YD

HOT-MIX ASPHALT SURFACE & LEVELING BINDER COURSE YIELD						
STATION	THICKNESS (IN)		YIELD (LB/SY)		QUANTITY	
	BINDER	SURFACE	BINDER	SURFACE	LEVELING BINDER	HMA SURFACE COURSE
STA 687+00 TO STA 687+94		1/2"		168		23 T
STA 689+76 TO STA 689+82.25	1" TO 1 1/4"	1/2"	112 - 140	168	2 T	2 T
STA 689+82.25 TO STA 691+00		1/2"		168		28 T
TOTAL					2 T	53 T

GUARDRAIL SCHEDULE		
ITEM	LOCATION	QUANTITY
STEEL PLATE BEAM GUARDRAIL, TYPE A	LT STA 687+35.85 TO STA 687+98.35	62.50 LF
	RT STA 689+71.55 TO STA 690+34.05	62.50 LF
	LT STA 689+94.65 TO STA 691+00.90	106.25 LF
TRAFFIC BARRIER TERMINAL, TYPE 6	RT STA 687+75.25 TO STA 688+18.40*	1 EACH
	LT STA 687+98.35 TO STA 688+41.50*	1 EACH
	RT STA 689+28.40* TO STA 689+71.55	1 EACH
	LT STA 689+51.50* TO STA 689+94.65	1 EACH
TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	LT STA 686+85.85 TO STA 687+35.85	1 EACH
	RT STA 690+34.05 TO STA 690+84.05	1 EACH
TRAFFIC BARRIER TERMINAL, TYPE 2	RT STA 687+55.29	1 EACH
	LT STA 691+35.37	1 EACH
STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	RT STA 687+55.29 TO STA 687+75.25	43.75 LF
	LT STA 691+00.90 TO STA 691+35.37	48.00 LF
GUARDRAIL REMOVAL	RT STA 687+82.00 TO STA 688+42.00	71 LF (CURVE)
	LT STA 687+44.00 TO STA 688+65.00	121 LF
	RT STA 689+06.00 TO STA 690+27.00	121 LF
	LT STA 689+28.00 TO STA 691+23.00	195 LF
GUARDRAIL MARKERS, TYPE B	RT STA 687+46.84 TO STA 690+83.18	7 EACH
	LT STA 686+85.63 TO STA 691+33.37	8 EACH
TERMINAL MARKER - DIRECT APPLIED	RT STA 690+83.35	1 EACH
	LT STA 686+85.63	1 EACH

\* END OF WINGWALL STATION

PAVEMENT MARKING SCHEDULE							
LOCATION	LENGTH (FOOT)	PVMT MARKING REMOVAL		SHORT TERM PVMT MARKING LINE - 4"		PAINT PVMT MARKING LINE - 4"	
		SOLID WHITE (SQ. FT.)	YELLOW SKIP DASH & NO PASSING (SQ. FT.)	WHITE (FOOT)	YELLOW (FOOT)	SOLID WHITE (FOOT)	YELLOW SKIP DASH & NO PASSING (FOOT)
STA 685+15.00 TO 692+50.00			61.00		147.0		184.0
STA RT 686+50.00 TO 691+00.00		148.0				450.0	
STA LT 686+50.00 TO 691+00.00		149.0				450.0	
TOTAL		297.0	61.00	0	147.0	900.0	184.0

BRIDGE APPROACH PAVEMENT SCHEDULE		
ITEM	LOCATION	QUANTITY
BRIDGE APPROACH PAVEMENT (SPECIAL)/PROTECTIVE COAT	STA 688+00.00 TO STA 688+30.00	112.23 SQ YD
	STA 689+40.00 TO STA 689+70.00	112.23 SQ YD
BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	STA 687+94.00 TO STA 688+00.00	22.45 SQ YD
	STA 689+70.00 TO STA 689+76.00	22.45 SQ YD
PAVEMENT REMOVAL	STA 687+94.00 TO STA 688+54.00	184 SQ YD
	STA 689+16.00 TO STA 689+76.00	184 SQ YD
PAVEMENT GROOVING	STA 688+00.00 TO STA 688+30.00	104 SQ YD
	STA 689+40.00 TO STA 689+70.00	104 SQ YD

FILE NAME = ...roadway\1vr_schedquan.dgn	USER NAME = #USER#	DESIGNED - DRAWN -	REVISED - REVISED -
THE UPCHURCH GROUP, INC.	PLOT SCALE = #SCALE#	CHECKED - DATE -	REVISED - REVISED -
	PLOT DATE = 8/19/2008 3:02:04 PM		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

QUANTITY SCHEDULES			
ILLINOIS ROUTE 49 OVER LITTLE VERMILION RIVER			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 836	SECTION 118BR-2	COUNTY CHAMPAIGN	TOTAL SHEETS 45	SHEET NO. 6
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT			CONTRACT NO. 70600	