

**SUMMARY OF QUANTITIES**

CODE	ITEM	UNIT	QUANTITY
20200500	EARTH EXCAVATION (WIDENING)	CU YD	41
20400800	FURNISHED EXCAVATION	CU YD	650
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.8
25100630	EROSION CONTROL BLANKET	SQ YD	372
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	80
35101400	AGGREGATE BASE COURSE, TYPE B	TON	111
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	148
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	306
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	10,937
40600300	AGGREGATE (PRIME COAT)	TON	210
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	312
40600990	TEMPORARY RAMP	SQ YD	84
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	17,590
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	8,616
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	284
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	85,573
48101800	AGGREGATE SHOULDERS (SPECIAL)	SQ YD	28,061
48203100	HOT-MIX ASPHALT SHOULDERS	TON	24
△ 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	894.0
△ 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	81.5
△ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	13,968
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	94,080
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,152
△ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	94,080
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	292
△ 78200405	GUARDRAIL MARKERS	EACH	16
△ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8
△ 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	292
• XX005364	RECYCLED MATERIAL PATCHING	TON	100
• XX006856	BITUMINOUS MATERIALS (COLD IN-PLACE RECYCLING)	GALLON	379,854
• XX006984	COLD IN-PLACE RECYCLING, BITUMINOUS CONCRETE PAVEMENT 8"	SQ YD	108,530
• XX006985	SHOULDER EXCAVATION	CU YD	6,412

• SEE SPECIAL PROVISIONS

CONSTRUCTION TYPE CODE: 1000-2A

△ SPECIALTY ITEMS

**GENERAL NOTES**

- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE ANY SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- MATERIAL FOR SHORT TERM PAVEMENT MARKINGS PLACED DURING PULVERIZATION OPERATIONS SHALL BE PAINT.
- MILLED SURFACE MATERIAL TO BE UTILIZED AS SPECIFIED WITHIN. (SEE SPECIAL PROVISIONS)
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.  
  
SEEDING CLASS 2 (SPECIAL) = 0.8 ACRES
- HOLES REQUIRED FOR ATTACHING GUARDRAIL TO EXISTING CULVERTS SHALL BE DRILLED WITH A CORE DRILL.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	STA 79+07.02 TO STA 98+18.49 STA 122+05.00 TO STA 332+22.34 STA 334+27.83 TO STA 453+65			
MIXTURE USES	HOT-MIX ASPHALT SURFACE COURSE & INCIDENTAL SURFACING	HOT-MIX ASPHALT BINDER COURSE	HOT-MIX ASPHALT BASE COURSE	HOT-MIX ASPHALT SHOULDERS
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS %	4.0 • NDESIGN = 70	4.0 • NDESIGN = 70	4.0 • NDESIGN = 70	2.0 • NDESIGN = 30
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-12.5 OR 9.5	IL 19.0	IL 19.0	BAM
FRICTION AGGREGATE	MIX "C"	N/A	N/A	N/A

GRANULAR MATERIALS ----- 2.05 Tons/Cu. Yd.  
 BITUMINOUS MATERIALS (PRIME COAT) ----- 0.35 Gallon/Sq.Yd. (Agg. Base)  
 ----- 0.10 Gallon/Sq.Yd. (Bt. Base)  
 HOT-MIX ASPHALT ----- 112 #/Sq.Yd./Inch



JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233 S00.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 1/8" = 100.0000' / IN.	CHECKED -	REVISED -
PLOT DATE = 11/23/2009	DATE - 9/15/2009	REVISED -

**CHRISTIAN COUNTY  
CH 1 IMPROVEMENTS**

**SUMMARY OF QUANTITIES  
GENERAL NOTES**

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A.S. RTE. 645	SECTION 05-00071-05-R5	COUNTY CHRISTIAN	TOTAL SHEETS 28	SHEET NO. 2
			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 93517