

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9247	05-00016-01-PV	ST. CLAIR	9	2
STA. 104+67		TO STA. 111+65		
FEDERAL AID PROJECT			CONTRACT 97419	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU. YD.	1182
20800150	TRENCH BACKFILL	CU. YD.	27
25000100	SEEDING, CLASS 1	ACRE	0.5
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ. YD.	3691
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1384
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	620
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	33
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ. YD.	22
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ. FT.	370
42400800	DETECTABLE WARNINGS	SQ. FT.	48
44000100	PAVEMENT REMOVAL	SQ. YD.	940
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ. YD.	18
44000600	SIDEWALK REMOVAL	SQ. FT.	372
44002400	CURB REMOVAL (SPECIAL)	FOOT	1277
44004400	PAVEMENT REMOVAL (SPECIAL)	SQ. YD.	2891
50105220	PIPE CULVERT REMOVAL	FOOT	117
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	84
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	68
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	2
60240320	INLETS, TYPE B, TYPE 15 FRAME AND LID	EACH	1
60500060	REMOVING INLETS	EACH	2
60600605	CONCRETE CURB, TYPE B	FOOT	80
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
X0300351	CONCRETE STEP REMOVAL	EACH	5
X0322983	STONE CURB	FOOT	58
XX005803	BRICK SURFACE COURSE	SQ. YD.	3691
XX008303	REINSTALL SALVAGED STONE CURB	FOOT	588
XX007413	CONCRETE EDGE RESTRAINT	FOOT	104

GENERAL NOTES

EXISTING UTILITIES SHOWN ARE LOCATED FROM SURFACE OBSERVATIONS OR INFORMATION PROVIDED BY THE RESPECTIVE UTILITIES AND MUST BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXACT LOCATION OF WHICH ARE UNKNOWN AND NOT SHOWN. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING THE RESPECTIVE UTILITIES BEFORE WORK IS BEGUN. FIELD MARKINGS OF UNDERGROUND UTILITIES MAY BE OBTAINED BY PROVIDING A MINIMUM OF 48 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 1-800-892-0123 OR BY DIRECT CONTACT WITH NON-MEMBERS OF J.U.L.I.E.

THE COST FOR FURNISHED EXCAVATION NECESSARY TO COMPLETE GRADING UP TO THE EXISTING SIDEWALK AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE CONTRACT. THE TOP 6 INCHES OF ALL NECESSARY BACKFILL SHALL BE FREE FROM ALL ROCKS AND FOREIGN DEBRIS.

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:
 ALL HOT-MIX ASPHALT — 112 LBS./SQ. YD./INCH
 BITUMINOUS MATERIALS (PRIME COAT) — 0.375 GALLONS/SQ. YD.
 SEEDING:
 NITROGEN FERTILIZER NUTRIENT — 90 LBS/ACRE
 PHOSPHORUS FERTILIZER NUTRIENT — 90 LBS/ACRE
 POTASSIUM FERTILIZER NUTRIENT — 90 LBS/ACRE
 MULCH — 2 TONS/ACRE

ALL RADII CALLED OUT ON THE PLANS ARE TO THE BACK OF CURB.
 PAVEMENT REMOVAL CALLED OUT ON THE PLANS CONSISTS OF VARYING MATERIAL OF VARYING DEPTHS. THE CONTRACTOR SHALL REMOVE THE PAVEMENT AS NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

LIST OF UTILITIES

ELECTRIC & GAS
 AMEREN IP
 1050 WEST BOULEVARD
 P.O. BOX 428
 BELLEVILLE, ILLINOIS
 62221
 (618) 236-6271
 1-800-755-5000

TELEPHONE
 AT&T
 203 GOETHE ST.
 COLLINSVILLE, ILLINOIS
 62234
 1-800-244-4444

WATER & SEWER
 CITY OF LEBANON
 312 W. ST. LOUIS ST.
 LEBANON, ILLINOIS 62254
 (618) 537-4976

CABLE
 CHARTER COMMUNICATIONS
 7645 MAGNA DR.
 BELLEVILLE, ILLINOIS 62221
 (618) 236-9619

PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.) YEAR 2017 P.V. 7653
 S.U. 5
 M.U. 1

CLASS II ROAD
 MINIMUM SOIL SUPPORT: IBR= 3
 T.F.=0.0187 D1=2.23

PAVEMENT STRUCTURE MATERIALS

SURFACE TYPE: 2 1/4" VITRIFIED CLAY BRICK PAVER
 BINDER COURSE: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50: a₁=0.4
 BASE COURSE: AGGREGATE BASE COURSE TYPE A: a₂=0.13

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	BINDER COURSE	INCIDENTAL
AC/PG	PG 64-22	PG 64-22
RAP % (MAX.)	15%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=50
MIX COMPOSITION (GRADATION MIX)	IL-19.0	
FRICTION AGG	MIXTURE D	MIXTURE D

SCHEDULE OF QUANTITIES

CONCRETE CURB TYPE B

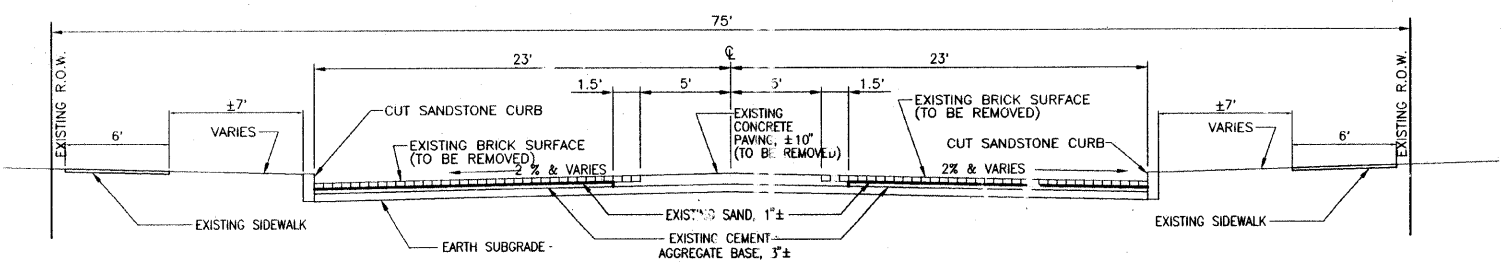
LOCATION	QUANTITY
LT. STA. 107+26 NORTH AROUND RADIUS TO STA. 107+41	24
LT. STA. 107+64 SOUTH AROUND RADIUS TO STA. 107+70	24
LT. STA. 111+52 EAST AROUND RADIUS TO STA. 111+65	24
RT. STA. 107+83 ABUTTING INLET TO STA. 107+91	8
PAY ITEM TOTAL	80

STONE CURB & REINSTALL SALVAGED STONE CURB

LOCATION	QUANTITY	QUANTITY
	STONE CURB	REINSTALL SALVAGED STONE CURB
LT. STA. 104+67 EAST TO STA. 106+02	68	67
LT. STA. 106+21 EAST TO STA. 106+77	28	28
LT. STA. 106+98 EAST TO STA. 107+26	14	14
LT. STA. 107+70 EAST TO STA. 111+01	165	166
RT. STA. 104+67 EAST TO STA. 107+83	158	158
RT. STA. 107+91 EAST TO STA. 111+01	155	155
PAY ITEM TOTAL	588	588

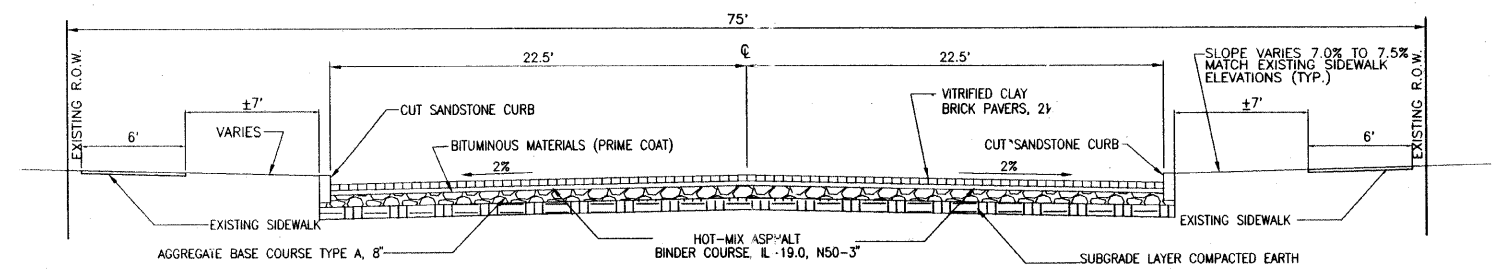
CURB REMOVAL (SPECIAL)

LOCATION	QUANTITY
LT. STA. 104+67 TO STA. 107+41	279
LT. STA. 107+64 TO STA. 111+01	340
LT. STA. 111+52 TO STA. 111+65	24
RT. STA. 104+67 TO STA. 111+01	634
PAY ITEM TOTAL	1,277



EXISTING TYPICAL SECTION

N.T.S.
 STA. 104+67 TO 111+65



PROPOSED TYPICAL SECTION

N.T.S.
 STA. 104+67 TO 111+65