

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9247	05-00016-00-PV	ST. CLAIR	6	2
STA. 101+58		TO STA. 111+65		
FEDERAL AID PROJECT		CONTRACT 97310		

### 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.

ALL CONSTRUCTION SHALL BE ACCORDING TO ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 1, 2007, AND THE LATEST SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.

TRAFFIC PROTECTION AND CONTROL, AND PROPER BARRICADES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE DURATION OF CONSTRUCTION.

ALL EARTHWORK REQUIRED FOR CONSTRUCTING AGGREGATE BASE COURSE IS INCLUDED IN THE QUANTITY OF EARTHWORK SHOWN IN THE PLANS AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD OF EARTH EXCAVATION. SUBGRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER BEFORE PAVEMENT CONSTRUCTION.

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:  
 ALL HOT-MIX ASPHALT — 112 LBS./SQ. YD./INCH  
 BITUMINOUS MATERIALS (PRIME COAT) — 0.30 GALLONS/SQ. YD.

ACCESSIBLE RAMPS (TYPE A & TYPE B) MUST BE BUILT ACCORDING TO IDOT STANDARDS. PRECAST CONCRETE TRUNCATED DOME PADS MUST BE MANUFACTURED BY CAST IN TACT OR APPROVED EQUAL.

THE PROPOSED SIDEWALK RAMP NEAR STA. 104+26, LEFT SHALL NOT HAVE DETECTABLE WARNINGS. THE SURFACE SHALL BE CROSS BROOM FINISHED AND CROSS TINED USING A HAND OPERATED COMB. THE METAL COMB SHALL HAVE TINES SPACED AT 3/4" CENTERS AND SHALL BE USED TO CONSTRUCT 1/8" DEEP GROOVES.

ALL RADII CALLED OUT ON THE PLANS ARE TO THE FLOWLINE OF CURB.

ALL AREAS OF SIDEWALK REMOVAL/REPLACEMENT WILL BE MARKED BY THE ENGINEER IN THE FIELD. ALL EARTHWORK ASSOCIATED WITH SIDEWALK REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE OF SIDEWALK REMOVAL.

SEEDING SHALL BE DONE IN ALL AREAS WHERE SOIL HAS BEEN DISTURBED. SEEDING, FERTILIZER AND MULCH SHALL BE INCLUDED IN THE COST OF SIDEWALK CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION TO PUBLIC ROADWAYS RESULTING FROM ANY CONSTRUCTION RELATED ACTIVITIES.

### 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				

### PAVEMENT STRUCTURE MATERIALS

SURFACE COURSE: HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50: a<sub>1</sub>=0.4

BASE COURSE: AGGREGATE BASE COURSE TYPE A: a<sub>2</sub>=0.13

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	SURFACE COURSE	BINDER COURSE	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX.)	10%	15%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIX)		IL-9.5	
FRICTION AGG	MIXTURE D	MIXTURE D	MIXTURE D

### COMBINATION CONCRETE CURB & GUTTER SCHEDULE

LOCATION	60604400 COMB. CONC. CURB & GUTTER TYPE B-6.18
STA. 101+58 RT. NORTH AROUND RADIUS TO STA. 101+87 RT.	35
STA. 104+44 RT. NORTH AROUND RADIUS TO STA. 104+67 RT.	32
STA. 101+58 LT. SOUTH AROUND RADIUS TO STA. 101+74 LT.	24
STA. 104+22 LT. EAST TO STA. 104+30 LT.	8
STA. 104+49 LT. EAST TO STA. 104+67 LT.	18
TOTAL	117

### COMBINATION CONCRETE CURB & GUTTER REMOVAL SCHEDULE

LOCATION	44000500 COMB. CONC. CURB & GUTTER REMOVAL
STA. 101+58 RT. NORTH AROUND RADIUS TO STA. 101+87 RT.	35
STA. 111+16 RT. 33.9 FT. OFFSET NORTH TO 35.1 FT. OFFSET	3
STA. 111+47 RT. NORTH AROUND RADIUS TO STA. 111+48 RT.	7
STA. 101+58 LT. SOUTH AROUND RADIUS TO STA. 101+74 LT.	24
STA. 104+22 LT. EAST TO STA. 104+30 LT.	8
STA. 111+01 LT. NORTH AROUND RADIUS TO STA. 111+18 LT.	23
STA. 111+51 LT. SOUTH AROUND RADIUS TO STA. 111+67 LT.	23
TOTAL	123

### CONCRETE CURB SCHEDULE

LOCATION	60600605 CONC. CURB TYPE B
STA. 111+01 RT. SOUTH AROUND RADIUS TO STA. 111+16 RT.	23
STA. 111+47 RT. NORTH AROUND RADIUS TO STA. 111+65 RT.	25
STA. 111+01 LT. NORTH AROUND RADIUS TO STA. 111+18 LT.	23
STA. 111+51 LT. SOUTH AROUND RADIUS TO STA. 111+65 LT.	23
TOTAL	94

### CONCRETE CURB REMOVAL SCHEDULE

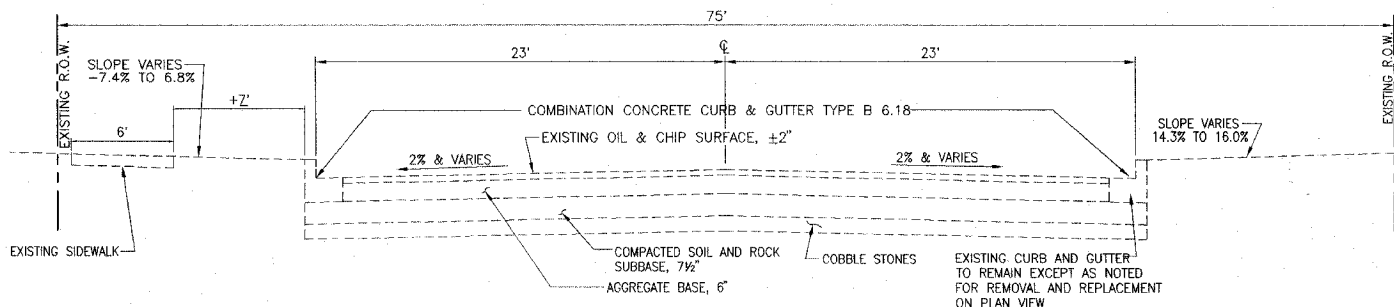
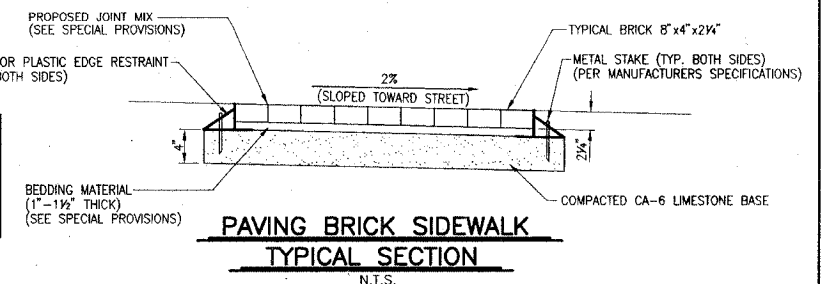
LOCATION	44000300 CURB REMOVAL
STA. 104+46 RT. EAST TO STA. 104+67 RT.	21
STA. 111+01 RT. SOUTH AROUND RADIUS TO STA. 111+16 RT.	23
STA. 111+49 RT. NORTH AROUND RADIUS TO STA. 111+65 RT.	18
STA. 104+54 LT. EAST TO STA. 104+67 LT.	18
TOTAL	80

**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

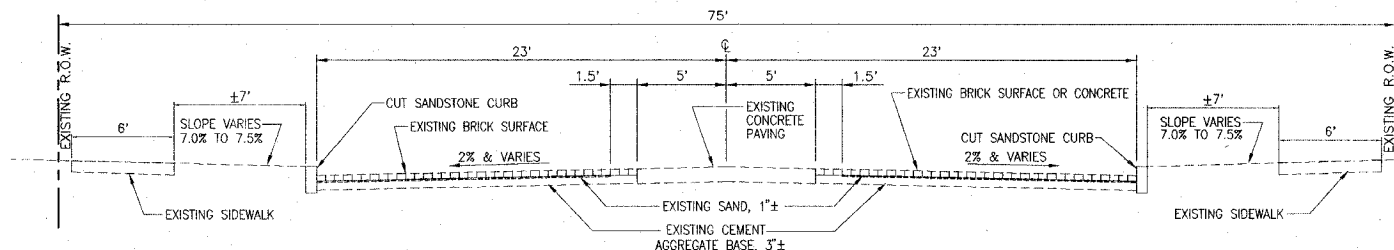
**WATER & SEWER**  
 CITY OF LEBANON  
 312 W. ST. LOUIS ST.  
 LEBANON, ILLINOIS 62254  
 (618) 537-4976

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



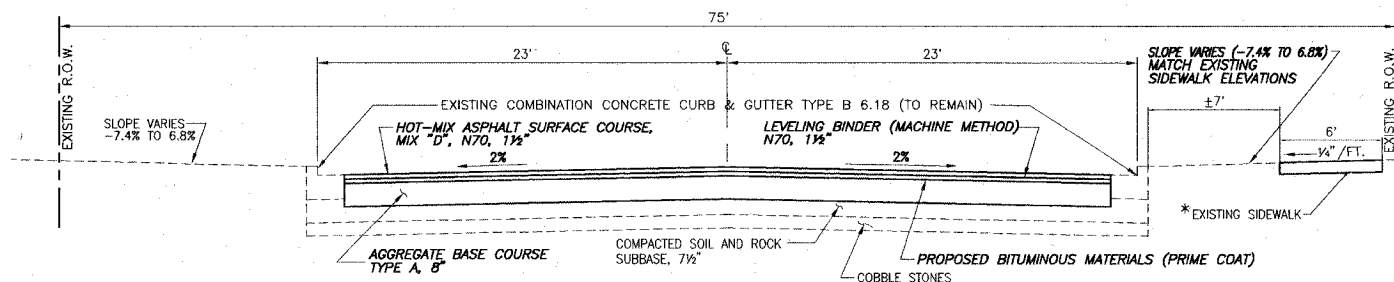
### EXISTING TYPICAL SECTION

N.T.S.  
 STA. 101+58 TO 104+53



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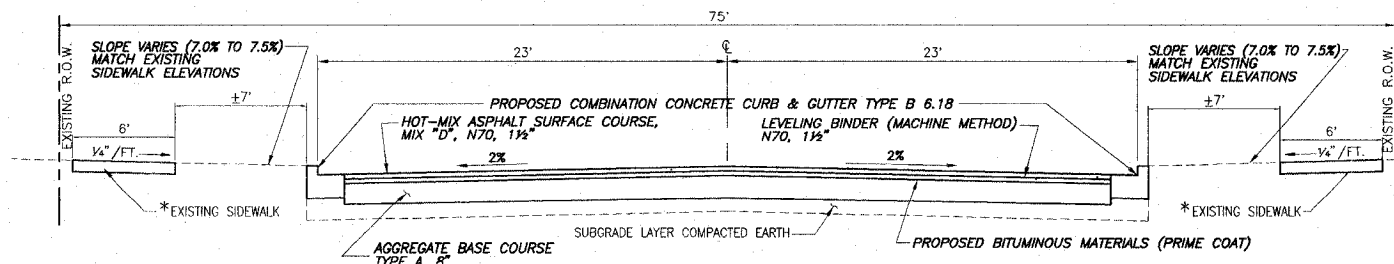
N.T.S.  
 STA. 104+53 TO 104+67



### PROPOSED TYPICAL SECTION

N.T.S.  
 STA. 101+58 TO 104+53

\* SIDEWALK TO REMAIN EXCEPT AS NOTED FOR REMOVAL AND REPLACEMENT ON PLAN VIEW



### PROPOSED TYPICAL SECTION

N.T.S.  
 ST. LOUIS STREET - STA. 104+53 TO 104+67

NOTE:  
 BELLEVILLE STREET ENTRANCE AND HORNER STREET ENTRANCE SHALL HAVE THE SAME PROPOSED PAVEMENT COMPOSITION.

\* SIDEWALK TO REMAIN EXCEPT AS NOTED FOR REMOVAL AND REPLACEMENT ON PLAN VIEW