

SCHEDULE OF QUANTITIES

CONTRACT #	SECTION #	TOTAL SHEETS	SHEET NO.
89517	08-00700-12-RS	10	2

**40200800
AGG SURF CSE B**

STA. 22+68 - 22+82 LT	0.6 TON
TOTAL	1.0 TON

**40600115
P BIT MATLS PR CT**

STA. 17+36 - 31+31 R&L (RATE: 0.10 GAL/SY INITIAL & 0.05 GAL/SY FOR 2 FOG COATS)	1,063.2 GAL
TOTAL	1,063.0 GAL

**40600300
AGG PR CT**

STA. 17+36 - 31+31 R&L X 3 APPS (RATE: 4 LB/SY FOR 3 APPLICATIONS)	10.6 TON
TOTAL	32.0 TON

**40600985
PCC SURF REM BUTT JT**

STA. 22+62 - 23+01 LT	66.3 SQ YD
TOTAL	66.0 SQ YD

**40600995
TEMPORARY RAMP SPL**

STA. 17+36 - 17+41	25.0 SQ YD
STA. 22+63 - 23+01 LT	20.9 SQ YD
STA. 31+26 - 31+31	21.6 SQ YD
TOTAL	68.0 SQ YD

**40603080
HMA BC IL-19.0 N50**

STA. 17+48.5 - 17+71	5.8 TON
STA. 17+71 - 31+06	675.5 TON
STA. 31+06 - 31+22	3.7 TON
TOTAL	685.0 TON

**40603535
P HMA SC 'D' N50**

STA. 17+36 - 31+31	404.8 TON
STA. 22+44 - 23+20 LT (COSTA DRIVE)	14.2 TON
TOTAL	419.0 TON

**40800050
INCIDENTAL HMA SURF**

STA. 18+48 RT	1.2 TON
STA. 19+03 LT	1.4 TON
STA. 19+78 RT	0.6 TON
STA. 20+21 LT	0.9 TON
STA. 20+62 RT	0.6 TON
STA. 20+97 RT	1.0 TON
STA. 21+65 LT	0.9 TON
STA. 24+63 LT	1.1 TON
STA. 26+03 LT	1.1 TON
STA. 28+47 LT	1.2 TON
TOTAL	10.0 TON

**42400100
PC CONC SIDEWALK 4**

STA. 22+39 - 22+52 LT	66.5 SQ FT
STA. 22+52 - 22+56 LT	60.0 SQ FT
STA. 23+15 - 23+19 LT	26.5 SQ FT
TOTAL	153.0 SQ FT

**42400460
PC CONC SIDEWALK 8 SP**

STA. 22+52 - 22+59 LT	32.5 SQ FT
STA. 23+08 - 23+15 LT	29.5 SQ FT
TOTAL	62.0 SQ FT

**42400800
DETECTABLE WARNINGS**

STA. 22+54 LT	8.0 SQ FT
STA. 23+08 LT	8.0 SQ FT
TOTAL	16.0 SQ FT

**44000154
HMA SURF REM 1 1/4**

STA. 17+36 - 19+00	665.5 SQ YD
STA. 19+00 - 31+31	4,650.4 SQ YD
TOTAL	5,316.0 SQ YD

**44000500
CDBM CURB GUTTER REM**

STA. 18+78 - 18+86 RT	8.0 FT
STA. 18+80 - 18+86 LT	6.0 FT
STA. 19+19 - 19+30 LT	11.0 FT
STA. 21+88 - 21+92 LT	4.0 FT
STA. 22+10 - 22+14 LT	4.0 FT
STA. 22+57 - 22+60 LT	7.3 FT
STA. 23+07 - 23+16 LT	12.5 FT
STA. 25+59 - 25+65 RT	6.0 FT
STA. 25+59 - 25+65 LT	6.0 FT
STA. 29+48 - 29+54 RT	6.0 FT
STA. 29+48 - 29+54 LT	6.0 FT
TOTAL	77.0 FT

**44000600
SIDEWALK REMOVAL**

STA. 22+39 LT	78.0 SQ FT
STA. 22+52 LT	48.0 SQ FT
STA. 23+07 LT	49.4 SQ FT
TOTAL	175.0 SQ FT

**44200274
PAVT PATCH T1**

STA. 22+95 RT	2.9 SQ YD
STA. 23+13 RT	2.9 SQ YD
TOTAL	6.0 SQ YD

**44200278
PAVT PATCH T3**

STA. 18+80	22.0 SQ YD
STA. 25+59	22.7 SQ YD
TOTAL	45.0 SQ YD

**550A0050
STORM SEW CL A 1 12**

STA. 18+81 - 18+84 RT	30.2 FT
STA. 25+62	32.5 FT
STA. 25+62 LT	5.0 FT
TOTAL	68.0 FT

**60235700
INLETS TA T3F&G**

STA. 25+62 RT	1.0 EA
STA. 25+62 LT	1.0 EA
TOTAL	2.0 EA

**60260100
INLETS ADJUST**

STA. 29+52 RT	1.0 EA
STA. 29+52 LT	1.0 EA
TOTAL	2.0 EA

**60262700
INLETS RECONST**

STA. 18+81 RT	1.0 EA
STA. 18+82 LT	1.0 EA
TOTAL	2.0 EA

**60266600
VALVE BOX ADJUST**

STA. 22+98 RT	1.0 EA
STA. 23+17 RT	1.0 EA
STA. 23+17 LT	1.0 EA
TOTAL	3.0 EA

**60603900
CDBM CC&G TB6.12 (AEP)**

STA. 18+78 - 18+86 RT	8.0 FT
STA. 18+80 - 18+86 LT	6.0 FT
STA. 19+19 - 19+30 LT	11.0 FT
STA. 21+88 - 21+92 LT	4.0 FT
STA. 22+10 - 22+14 LT	4.0 FT
STA. 22+57 - 22+60 LT	7.3 FT
STA. 23+07 - 23+16 LT	12.5 FT
STA. 25+59 - 25+65 RT	6.0 FT
STA. 25+59 - 25+65 LT	6.0 FT
STA. 29+48 - 29+54 RT	6.0 FT
STA. 29+48 - 29+54 LT	6.0 FT
TOTAL	77.0 FT

**67100100
MOBILIZATION**

ENTIRE PROJECT	1.0 L.SUM
TOTAL	1.0 L.SUM

**70101700
TRAFFIC CONTROL & PROTECTION**

ENTIRE PROJECT	1.0 L.SUM
TOTAL	1.0 L.SUM

**70300100
SHORT-TERM PAVT MKING**

APP 1: AFTER MILLING	474.0 FT
APP 2: AFTER HMA BIND	474.0 FT
APP 3: AFTER LEV BIND MM	474.0 FT
APP 3: AFTER HMA SURF	474.0 FT
TOTAL	1,896.0 FT

**70301000
WORK ZONE PAVT MK REM**

ENTIRE PROJECT	158.0 SQ FT
SHT TRM PVT MK REM	
TOTAL	158.0 SQ FT

**78000100
THPL PVT MK LTR & SYM**

STA. 17+85 LT	15.6 SQ FT
STA. 18+37 LT	15.6 SQ FT
STA. 19+74 CL	15.6 SQ FT
STA. 19+88 CL	15.6 SQ FT
STA. 21+82 CL	15.6 SQ FT
STA. 22+17 CL	15.6 SQ FT
STA. 24+16 CL	15.6 SQ FT
STA. 24+27 CL	15.6 SQ FT
STA. 28+17 CL	15.6 SQ FT
STA. 28+28 CL	15.6 SQ FT
TOTAL	156.0 SQ FT

**78000200
THPL PVT MK LINE 4**

STA. 17+34 - 18+63 DOUBLE YELLOW	369.4 FT
STA. 18+63 - 21+14 SINGLE YELLOW/SKIP DASH	622.9 FT
STA. 21+14 - 22+38 DOUBLE YELLOW	369.6 FT
STA. 23+01 - 31+31 SINGLE YELLOW/SKIP DASH	2,120.3 FT
TOTAL	3,482.0 FT

**78000400
THPL PVT MK LINE 6**

STA. 17+24	39.2 FT
STA. 17+30	51.0 FT
TOTAL	90.0 FT

**78000500
THPL PVT MK LINE 8**

STA. 17+59 - 18+29 LT	70.0 FT
STA. 21+78 - 22+38 RT	60.0 FT
TOTAL	130.0 FT

**78000600
THPL PVT MK LINE 12**

STA. 17+34 LT	23.0 FT
TOTAL	23.0 FT

**X4067107
P LB MM IL-4.75 N50**

STA. 17+38.5 - 17+48.5	1.1 TON
STA. 17+48.5 - 31+22	318.3 TON
STA. 31+22 - 31+29	0.8 TON
STA. 22+44 - 23+20 LT (COSTA DRIVE)	7.5 TON
TOTAL	328.0 TON

PAVEMENT DESIGN

ACTUAL 2007 ADT = 8,900
DESIGN PERIOD = 20 YEARS
PROJECTED 2019 ADT = 11,287
(WITH 2%/YEAR GROWTH RATE)

STREET CLASSIFICATION: CLASS II
TRAFFIC FACTOR: 0.261
ILLINOIS BEARING RATIO: 3.4
REQUIRED STRUCTURAL NUMBER: 3.24
EXISTING STRUCTURAL NUMBER: 2.075

TYPE	%	NO.
P.V.	98.8	11,152
S.U.	0.90	101
M.U.	0.30	34
TOTAL	100.0	11,287

REQUIRED OVERLAY =
3.24 INCHES OF BITUMINOUS CONCRETE

PROPOSED OVERLAY =
3.25 INCHES OF BITUMINOUS CONCRETE

MIX DESIGN SPECIFICATIONS

THE FOLLOWING MIXTURE REQUIREMENT ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S):	POLYMER SURFACE COURSE	POLYMER LEVELING BINDER	BINDER COURSE
AC/PG:	SBS/SBR PG 70-22	SBS/SBR PG 70-22	PG 64-22
RAP %: (MAX)**	10%	0%	25%
DESIGN AIR VOIDS:	4% @ N(des) = 50	3% @ N(des) = 50	4% @ N(des) = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 (ONLY)	IL 4.75	IL 19.0
FRICITION AGGREGATE:	MIXTURE D (DOLOMITE ONLY)	N/A	N/A

SCHEDULE OF QUANTITIES AND HMA MIX REQUIREMENTS AND PAVEMENT DESIGN

CARL SANDBURG DRIVE
SECTION # 08-00700-12-RS

