

INDEX OF SHEETS

- 1 TITLE SHEET
- 2-3 SUMMARY OF QUANTITIES
- 4-5 TYPICAL SECTIONS
- 6-7 SCHEDULE OF QUANTITIES
- 8-11 REMOVAL SHEETS
- 12-15 PLAN SHEETS
- 16-17 ADA RAMP DETAIL SHEETS
- 18 CURB DETAIL SHEET
- 19-22 PAVEMENT MARKINGS
- 23-24 CSD@NATIONAL BLVD X-SECTIONS
- 25-32 STORM SEWER PLANS
- 33 PROPOSED DRAINAGE CHARTS
- 34-35 TYPICAL PAVEMENT MARKINGS (780001-04)

04-26-2024 LETTING ITEM 170

QC/QA CONTRACT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
LOCAL AGENCY IMPROVEMENT
CARL SANDBURG DRIVE RESURFACING
SECTION 21-00700-13-RS
PROJECT R7CK (617)
CITY OF GALESBURG
KNOX COUNTY
C-94-023-22

F.A.U. ROUTE	SECTION#	CONTRACT#	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	1

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 606001-08 CONC CURB TY BAND COMB CONC CURB AND GUTTER
- 701301-04 LN CLOSURE, 2L2W-SHORT TIME OP
- 701602-10 URBAN LN CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701611-01 URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- SLR 21-9 TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- 353001-05 PCC BASE CRSE WITH HMA BINDER & SURFACE COURSES
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS

GENERAL NOTES

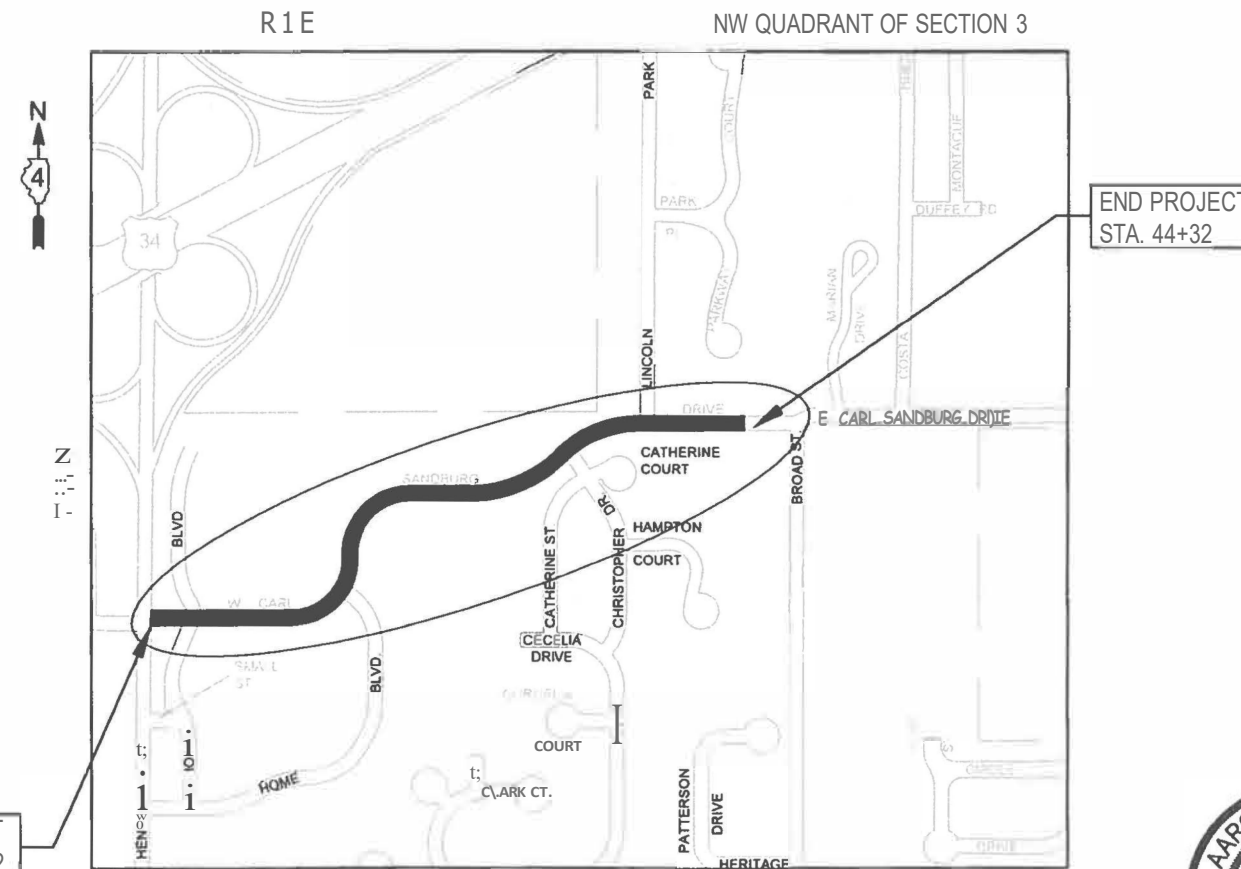
-CONTACT FOR CITY OF GALESBURG TRAFFIC DIVISION IS JUSTIN MCNAUGHT AVAILABLE AT 309-368-7437

COMMITMENTS

NONE AT THIS TIME

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CITY OF GALESBURG NO. (309)-345-3623
PROJECT ENGINEER: JAMIE WEST
CONTRACT NO. 89827
CAT. NO.



CITY OF GALESBURG TOWNSHIP

LOCATION MAP
NOT TO SCALE

GROSS LENGTH= 3,550 FT (0.67 MILES)
NET LENGTH = 3,550 FT (0.67 MILES)



LOCATION OF SECTION INDICATED THIS: I
FUNCTIONAL CLASS = URBAN MINOR ARTERIAL
2022 A.D.T. = 7850



Aaron J. Gavin
AARON J. GAVIN, P.E.
P.E. NO. 062-068200
EXP. DATE 11/30/2025

APPROVED January 31, 2024
Justin McNaught
LOCAL AGENCY OFFICIAL

PASSED 02 28 2024
Aaron J. Gavin
DISTRICT FOUR ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR re. 1, xi 2024
UNLIMITED
t5 AJJ @
REGION 11/EE EP/GitCR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	2

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				STU FUNDS	
				100% CITY	80% FED / 20% STATE
				ROADWAY	ROADWAY
				0005	0005
				URBAN	URBAN
20800150	TRENCH BACKFILL	CU YD	58	58	
35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	96		96
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	52		52
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	3		3
35300700	PORTLAND CEMENT CONCRETE BASE COURSE 12"	SQ YD	366		366
40603205	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	1,648		1,648
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,648		1,648
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	560		560
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	300		300
42400800	DETECTABLE WARNINGS	SQ FT	113		113
44000100	PAVEMENT REMOVAL	SQ YD	368		368
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	19,326		19,326
44000300	CURB REMOVAL	FOOT	20		20
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	135		135
44000600	SIDEWALK REMOVAL	SQ FT	826		826
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	90	90	
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	95	95	
550B0110	STORM SEWERS, CLASS B, TYPE 1 21"	FOOT	324	324	
55100900	STORM SEWER REMOVAL, 18"	FOOT	5	5	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2	
60255500	MANHOLES TO BE ADJUSTED	EACH	5		5
60266600	VALVE BOXES TO BE ADJUSTED	EACH	3		3
60500060	REMOVING INLETS	EACH	3	3	
60600605	CONCRETE CURB, TYPE B	FOOT	20		20
60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	20		20
60605100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (ABUTTING EXISTING PAVEMENT)	FOOT	41		41
67100100	MOBILIZATION	L SUM	1		1

HMA MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

MIXTURE USE(S):	POLY SURFACE COURSE	POLY BINDER COURSE
AC/PG:	SBS PG 76-22	SBS PG 76-22
DESIGN AIR VOIDS:	4% @ N(des) = 50	4% @ N(des) = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 9.5
FRICTION AGGREGATE:	MIXTURE D	N/A
MIXTURE WEIGHT:	112.5 lbs/sy/lin	112.5 lbs/sy/lin
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA
SUBLOT SIZE:	N/A	N/A

* SPECIALTY ITEM

SUMMARY OF QUANTITIES
CARL SANDBURG DRIVE RESURFACING
SECTION # 21-00700-13-RS

F.A.U. ROUTE	SECTION#	CONTRACT#	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	3

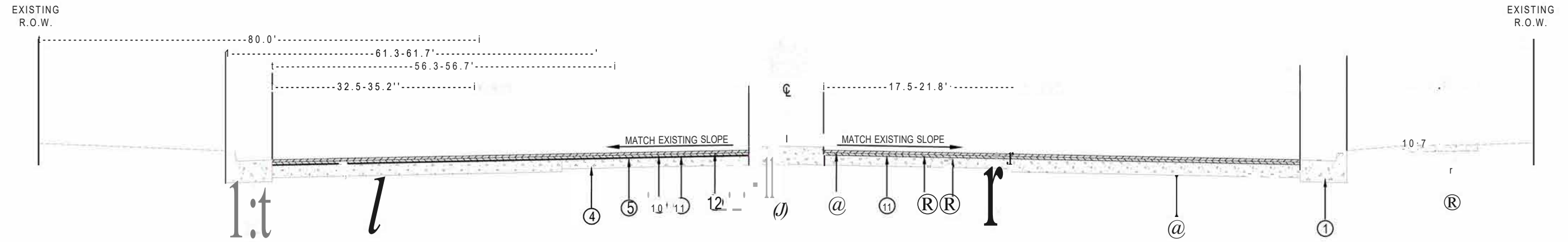
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				STU FUNDS	
				100% CITY ROADWAY	80% FED/ 20% STATE ROADWAY
				0005 URBAN	0005 URBAN
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,188		2,188
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SOFT	730		730
* 78000100	THERMOPLASTIC PAVEMENT IMARKING- LETTERS AND SYMBOLS	SOFT	557		557
* 78000200	THERMOPLASTIC PAVEMENT IMARKING- LINE 4"	FOOT	8,408		8,408
* 78000500	THERMOPLASTIC PAVEMENT MARKING- LINE 8"	FOOT	1,657		1,657
* 78000600	THERMOPLASTIC PAVEMENT IMARKING- LINE 12"	FOOT	461		461
* 78000650	THERMOPLASTIC PAVEMENT IMARKING- LINE 24"	FOOT	128		128
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	6		6
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	6		6
* 88600100	DETECTOR LOOP, TYPE I	FOOT	357		357
20013798	CONSTRUCTION LAYOUT	LSUM	1		1
20056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	15	15	
20056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	110	110	
X4060103	BITUMINOUS MATERIALS (TACK COAT) SPECIAL	POUND	28,129		28,129
* X8860101	ADJUST EXISTING DETECTOR LOOP RISER	EACH	3		3
X4060995	TEMPORARY RAMP (SPECIAL)	SQYD	849		849
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQYD	209		209
X4404400	PAVEMENT REMOVAL (SPECIAL)	SQYD	34		34
X6020065	INLETS, TYPE G-1, DOUBLE (SPECIAL)	EACH	3	3	
X6021065	INLETS, TYPE G-1 (SPECIAL)	EACH	1	1	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1		1
LR420029	PORTLAND CEMENT CONCRETE PAVEMENT 8" (SPECIAL)	SQYD	34		34

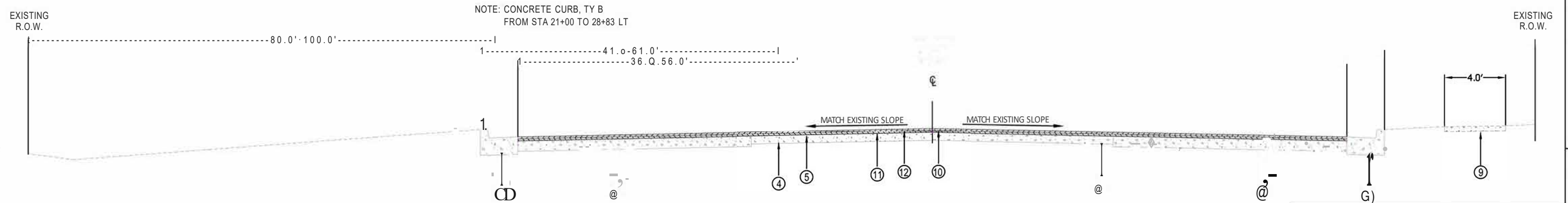
* SPECIALTY ITEM

SUMMARY OF QUANTITIES
CARL SANDBURG DRIVE RESURFACING
SECTION# 21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	4



TYPICAL SECTIONS
CARL SANDBURG DRIVE
STA. 8+82 - 10+86



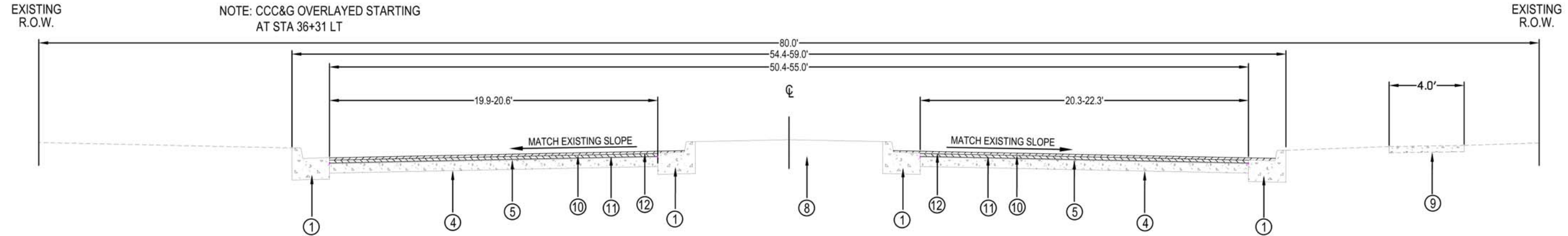
NOTE: CONCRETE CURB, TY B
FROM STA 21+00 TO 28+83 LT

TYPICAL SECTIONS
CARL SANDBURG DRIVE
STA. 10+86-37+29

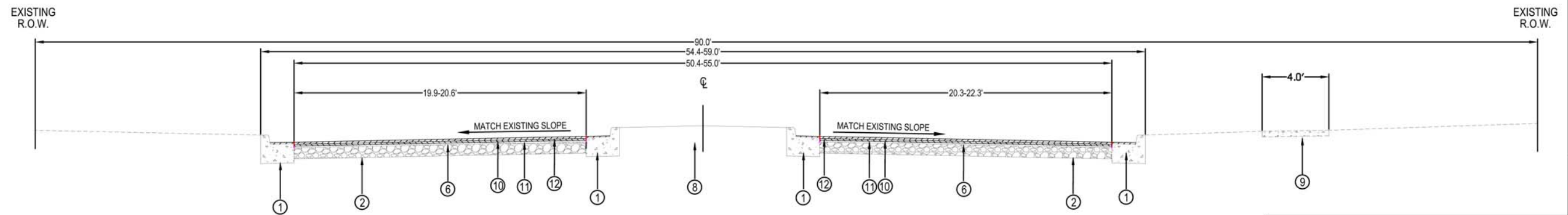
LEGEND - EXISTING	
(D)	EXIST. COMB. CONC. CURB & GUTTER, TY. B-6.24
(i)	EXIST. AGGREGATE BASE COURSE
@	EXIST. PCC BASE COURSE WIDENING, 8"
⊙	EXIST. PCC BASE COURSE, 6"
@	EXIST. 0.5' HMA TO REMAIN
@	EXIST. 1.25" HMA TO REMAIN
(z)	EXIST. CONCRETE MEDIAN
@	EXIST. EARTH MEDIAN
⊙	EXIST. PCC SIDEWALK
LEGEND - PROPOSED	
⊙	PROP. HMA SURFACE REMOVAL - 3"
(j)	PROP. HMA BINDER COURSE - 1.5"
@	PROP. HMA SURFACE COURSE - 1.5"

TYPICAL SECTIONS
CARL SANDBURG DRIVE RESURFACING
SECTION # 21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	5



TYPICAL SECTIONS
CARL SANDBURG DRIVE
STA. 37+29 - 39+47



TYPICAL SECTIONS
CARL SANDBURG DRIVE
STA. 39+47 - 44+32

- LEGEND - EXISTING
- ① EXIT. COMB. CONC. CURB & GUTTER, TY. B-6.24
 - ② EXIT. AGGREGATE BASE COURSE
 - ③ EXIT. PCC BASE COURSE WIDENING, 8"
 - ④ EXIT. PCC BASE COURSE, 6"
 - ⑤ EXIT. 0.5" HMA TO REMAIN
 - ⑥ EXIT. 1.25" HMA TO REMAIN
 - ⑦ EXIT. CONCRETE MEDIAN
 - ⑧ EXIT. EARTH MEDIAN
 - ⑨ EXIT. PCC SIDEWALK
- LEGEND - PROPOSED
- ⑩ PROP. HMA SURFACE REMOVAL - 3"
 - ⑪ PROP. HMA BINDER COURSE - 1.5"
 - ⑫ PROP. HMA SURFACE COURSE - 1.5"

TYPICAL SECTIONS
CARL SANDBURG DRIVE RESURFACING
SECTION # 21-00700-13-RS

HMA

LOCATION	X4060103 BIT MATLS TACK CT SPL POUNDS	40603205 P HMA BC IL-9.5 N50 TON	40603535 P HMA SC "D" N50 TON	44000161 HMA SURF REM 3 SY	X4401198 HMA SURF REM VAR DP SY
STA 8+82 - 44+32	26917.9	1594.8	1594.8	18693	
STA 9+84 - 10+65 RT	300.1				208.4
NATIONAL BLVD	385.3	22.6	22.6	267.6	
LOWES ENTRANCE	303.4	17.8	17.8	210.7	
LINCOLN PARK DRIVE	222.5	13.0	13.0	154.5	
TOTALS	28129	1648	1648	19326	209

-TACK COAT USE 0.08 LB/SF (MILLED SURFACE)
-FOG COAT USE 0.08 LB/SF (BETWEEN LIFTS)

COMB.CC&G/CURB

LOCATION	35101800 AGG BASE CSE B 6 SQ YD	35300300 PCC BSE CSE 8 SQ YD	44000300 CURB REM FT	44000500 COMB CURB GUTTER REM FT	60600605 CONC CURB TB FT	60603900 COMB CC&G TB6.12 AEP FT	60605100 COMB CC&G TB6.24 AEP FT	LR420029 PCC PVMT 8 SPL SQ YD	X4404400 PAVT REMOVAL SPL SQ YD
STA 10+47 - 10+62 RT	17.2							17.2	17.2
STA 10+84 - 11+24 LT	11.7			40.4			40.4		
** STA 12+63.9 - 12+77.46 LT				13.5					
** STA 13+48.1 - 13+68.2 LT				20.1					
** STA 13+96.4 - 14+16.5 LT				20.1					
STA 14+52 - 14+73 RT	16.3							16.3	16.3
** STA 14+86.2 - 15+06.3 LT				20.1					
STA 22+53 - 22+72 LT	3.4	2.2	19.4		19.4				
STA 35+54 - 35+71 RT	3.6			20.0		20.0			
TOTALS	53	3	20	135	20	20	41	34	34

SIDEWALK

LOCATION	35101582 AGG BASE CSE B 2 SY	42400100 PC CONC SIDEWALK 4 SF	42400410 PC CONC SIDEWALK 8 SF	42400800 DETECTABLE WARNINGS SF	44000600 SIDEWALK REM SF
STA 9+86 - 10+07 RT	19.5	128.8	46.9	12.0	172.9
STA 10+51 - 10+70 RT	10.4	62.2	31.0	13.8	92.0
STA 13+98 - 14+75 RT	10.6	11.5	83.6	29.8	91.2
STA 20+08 - 20+31 RT	18.6	132.4	35.0	11.4	149.0
STA 20+68 - 20+91 RT	17	121.0	31.7	15.4	145.9
STA 34+80 - 35+04 RT	9.3	38.9	45.0	16.0	88.2
STA 35+56 - 35+80 RT	10.1	65.0	26.0	14.0	87.0
TOTALS	96	560	300	113	826

RAISED REFLECTIVE PVT MARKERS

LOCATION	78100100 RAISED REFL PAVT MKR EA	78300200 RAISED REF PVT MK REM EA
STA 10+28 RT	2	2
STA 10+80 RT	2	2
STA 11+16 RT	2	2
TOTALS	6	6

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	6

DETECTOR LOOP

LOCATION	88600100 DET LOOP T1 FOOT	X8860101 ADJ EX DET LOOP RISER EA
STA 8+90 - 9+40 LT	196.4	1
STA 19+38 - 19+88 RT	112	1
STA 43+61 - 43+67 RT	48	1
TOTAL	357	3

TEMP RAMP

LOCATION	X4060995 TEMPORARY RAMP SPL SQ YD
STA 8+82	93.1
STA 10+28 RT	33.9
STA 10+44 LT	58.5
STA 11+89 RT	40.6
STA 11+92 LT	25.1
STA 13+83 LT	19.1
STA 14+40 RT	52.2
STA 14+47 LT	28.1
STA 18+53 RT	45.6
STA 20+21 LT	89.4
STA 20+48 RT	46.1
STA 29+84 LT	84.7
STA 29+92 RT	48.3
STA 35+36 RT	45.8
STA 37+44 LT	4.0
STA 38+75 LT	12.8
STA 38+99 LT	59.3
STA 39+07 LT	19.4
STA 40+30 RT	1.8
STA 40+62 RT	3.2
STA 41+55 LT	2.2
STA 52+29 RT	2.3
STA 42+88 LT	2.3
STA 43+40 RT	2.5
STA 44+13 LT	2.0
STA 44+27 RT	2.1
STA 44+32 LT	12.2
STA 44+32 RT	12.2
TOTALS	849

REMOVE INLETS

LOCATION	60500060 REMOV INLETS EACH
STA. 13+60.6 LT	1.0
STA. 14+03.9 LT	1.0
STA. 14+98.8 LT	1.0
TOTALS	3.0

NOTES: 1. * INDICATES ONLY PARTIAL QUANTITY OF PAY ITEM.
2. ** INDICATES QUANTITY IS PART OF STORM SEWER WORK.

SCHEDULE OF QUANTITIES
CARL SANDBURG DRIVE RESURFACING
SECTION # 21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	7

PAVEMENT MARKINGS

LOCATION	78000100 THPL PVT MK LTR- SYM SF WHITE	78000200 THPL PVT MK LINE 4 FT WHITE	78000200 THPL PVT MK LINE 4 FT YELLOW	78000500 THPL PVT MK LINE 8 FT WHITE	78000600 THPL PVT MK LINE 12 FT YELLOW	78000650 THPL PVT MK LINE 24 FT WHITE
STA 8+82 - 10+00	62.4	40	203.4	382	64.2	49.3
STA 10+00 - 13+92	46.8	200	784	240		14
STA 14+92 - 19+88	197.4	120	1758	235	230.5	25.0
STA 20+99 - 29+42	93.6		2256	530	130.3	39.0
STA 30+42 - 34+82	124.8		1471	200		
STA 35+72 - 38+53	31.2		563	70	35.8	
STA 39+26 - 44+32			1012			
TYPE TOTAL	557	360	8048	1657	461	128
PAY ITEM TOTAL	557	8408		1657	461	128

PCC PAVEMENT

LOCATION	TRENCH WIDTHS	35300700 PCC BSE CSE 12 SQ YD	44000100 PAVEMENT REM SQ YD
STA 12+70.6 LT	4.54	11.9	11.9
STA 12+70.6 - 13+60.6 LT	4.54	41.9	41.9
STA 13+60.6 LT	4.78	12.1	12.1
STA 13+60.6 - 14+03.9 LT	4.78	19.3	19.3
STA 14+03.9 LT	4.78	12.1	12.1
STA 14+03.9 - 14+98.8 LT	4.78	46.4	46.4
STA 14+98.8 LT	4.78	13.2	13.2
STA 14+98.8 - 17+54.2 LT	5.37	150.3	150.3
STA 17+54.2 - 18+25.7 LT	6.9	58.4	58.4
STA 22+53 - 22+72 LT			2.2
TOTALS		366	368

SHORT TERM PAVEMENT MARKINGS

LOCATION	70300100 SHORT TERM PAVT MKING FT WHITE 4'/40' Skip Dashes	70300100 SHORT TERM PAVT MKING FT YELLOW 4'/40' Skip Dashes	70300100 SHORT TERM PAVT MKING FT WHITE ARROWS & SYMBOLS	70300150 SHRT TRM PAVT MK REM SQ FT
STA 10+00 - 13+92	208	160	36	134.7
STA 14+92 - 19+88	194	208	112	171.3
STA 20+99 - 29+42	190	352	72	204.7
STA 30+42 - 34+82	48	152	96	98.7
STA 35+72 - 38+53	16	112	24	50.7
STA 39+26 - 44+32	208			69.3
TYPE TOTAL	864	984	340	730
PAY ITEM TOTAL	2188			730

DRAINAGE STRUCTURES

LOCATION	STR NO	X6020065 INLETS TG-1 DBL (SPL) EACH	X6021065 INLETS TG-1 SPL EACH	60218400 MAN TA 4 DIA T1F CL EACH	60221100 MAN TA 5 DIA T1F CL EACH
STA. 12+70.6 LT	I-1, MH-1		1.0	1.0	
STA. 13+55.6 LT	I-2 & I-3	1.0			
STA. 13+60.6 LT	MH-2			1.0	
STA. 14+03.9 LT	I-5, MH-3	1.0		1.0	
STA. 14+93.8 LT	I-5 & I-6	1.0			
STA. 14+98.8 LT	MH-4				1.0
STA. 17+54.2 LT	MH-5				1.0
STA. 18+25.7 LT	MH-6			1.0	
TOTALS		3.0	1.0	4.0	2.0

STORM SEWER

LOCATION		55100900 STORM SEWER REM 18 FT	550B0050 SS CL B 12" FT	550B0070 SS CL B 15" FT	550B0110 SS CL B 21" FT	Z0056648 SS 1 WAT MN 12" FT	Z0056650 SS 1 WAT MN 15" FT	20800150 TRENCH BACKFILL CU YD
STA. 12+70.6 LT	STA. 12+70.6 LT					15.0		1.4
STA. 12+70 LT	STA. 13+60 LT		90.0					8.6
STA. 13+56 LT	STA. 13+61 LT						5.0	0.5
STA. 13+60.6 LT	STA. 13+60.6 LT						17.0	1.5
STA. 13+61 LT	STA. 14+04 LT						43.0	3.9
STA. 14+03.9 LT	STA. 14+03.9 LT						18.0	1.6
STA. 14+03 LT	STA. 14+98 LT			95.0				10.0
STA. 14+04 LT	STA. 14+09 LT						5.0	0.5
STA. 14+94 LT	STA. 14+99 LT						5.0	0.6
STA. 14+98.8 LT	STA. 14+98.8 LT						17.0	2.0
STA. 14+98.8 LT	STA. 17+54.2 LT				254.0			20.5
STA. 17+54.2 LT	STA. 18+25.7 LT				70.0			
STA. 18+25.7 - 9.8' LT		5						6.1
TOTALS		5.0	90.0	95.0	324.0	15.0	110.0	58.0

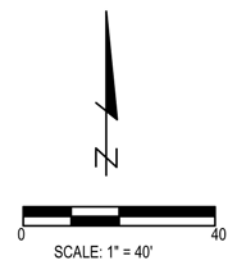
ADJUST

LOCATION	60255500 MAN ADJUST EA	60266600 VALVE BOX ADJUST EA
STA 9+29 35.7' RT		1
STA 13+87 25.7' RT		1
STA 14+03 34' RT	1	
STA 14+16 26.9' LT	1	
STA 14+60 CL	1	
STA 16+53 CL	1	
STA 18+31 25.1' RT	1	
STA 22+18 7.3' RT		1
TOTALS	5	3

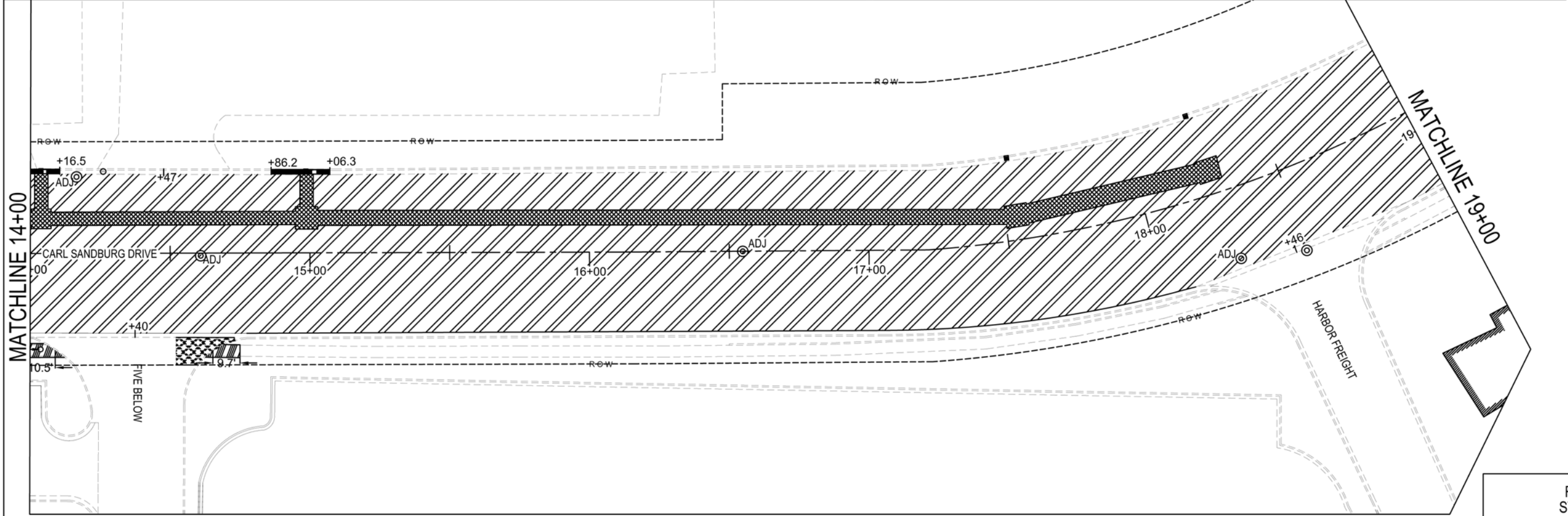
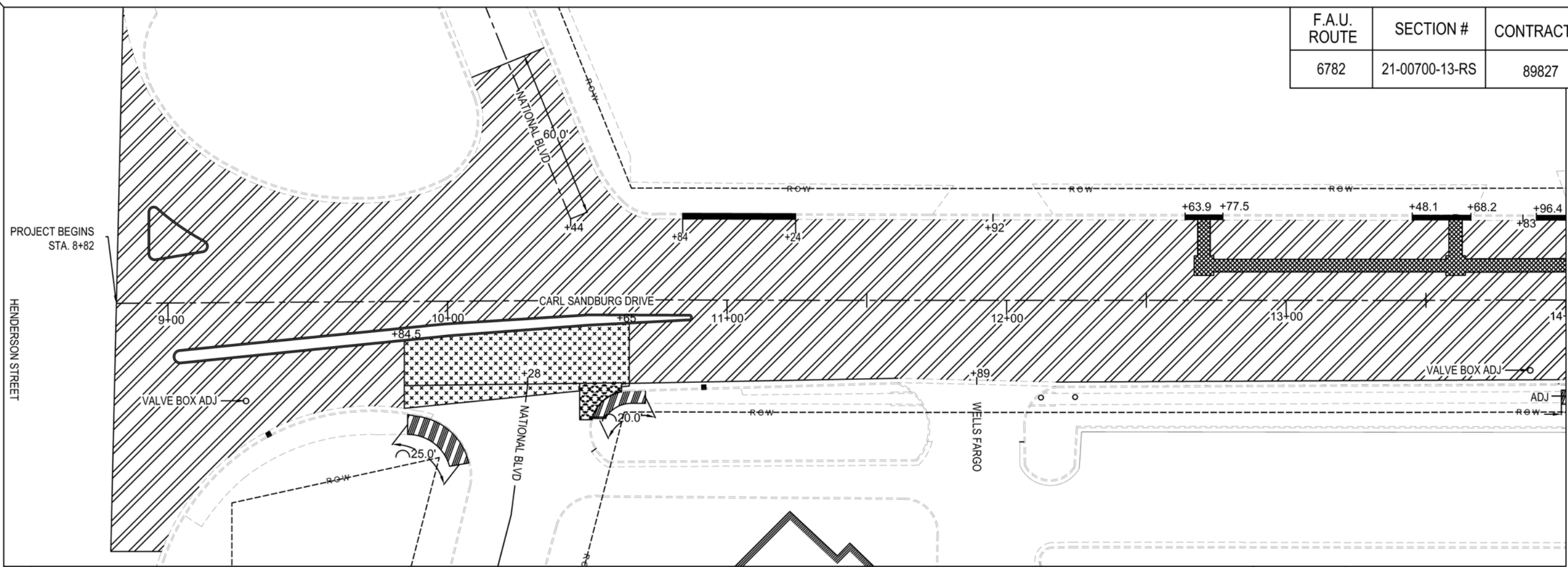
NOTES: 1. * INDICATES ONLY PARTIAL QUANTITY OF PAY ITEM.
2. ** INDICATES QUANTITY IS PART OF STORM SEWER WORK.

SCHEDULE OF QUANTITIES
CARL SANDBURG DRIVE RESURFACING
SECTION # 21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	8

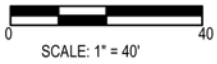


- LEGEND:**
- HMA SURF REM 3"
 - HMA SURF REM VARIABLE DEPTH
 - PAVEMENT REMOVAL (SPL)
 - PAVEMENT REMOVAL
 - CURB REMOVAL
 - CCC&G REMOVAL
 - SIDEWALK REMOVAL










REMOVAL SHEET
 STA. 8+82 TO 19+00
 CARL SANDBURG DRIVE RESURFACING
 SECTION #21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	9



LEGEND:

-  HMA SURF REM 3"
-  HMA SURF REM VARIABLE DEPTH
-  PAVEMENT REMOVAL (SPL)
-  PAVEMENT REMOVAL
-  CURB REMOVAL
-  CCC & G REMOVAL
-  SIDEWALK REMOVAL

MATCHLINE 22+75

MATCHLINE 26+50

MATCHLINE 22+75

MATCHLINE 19+00

CURB REMOVAL
PAVEMENT REMOVAL
LT. STA. 22+53 - 22+72

VALVE BOX ADJ

CARL SANDBURG DRIVE

HOME BLVD

CARL SANDBURG DRIVE

28.3

12.2

1.2

+21

+48

22+00

21+00

20+00

23+00

24+00

23+00

26+00

R.O.W.

R.O.W.

R.O.W.

R.O.W.

R.O.W.

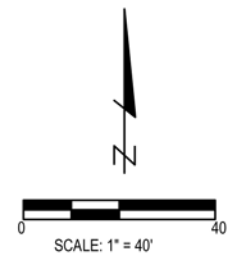
R.O.W.

R.O.W.








R.O.W.

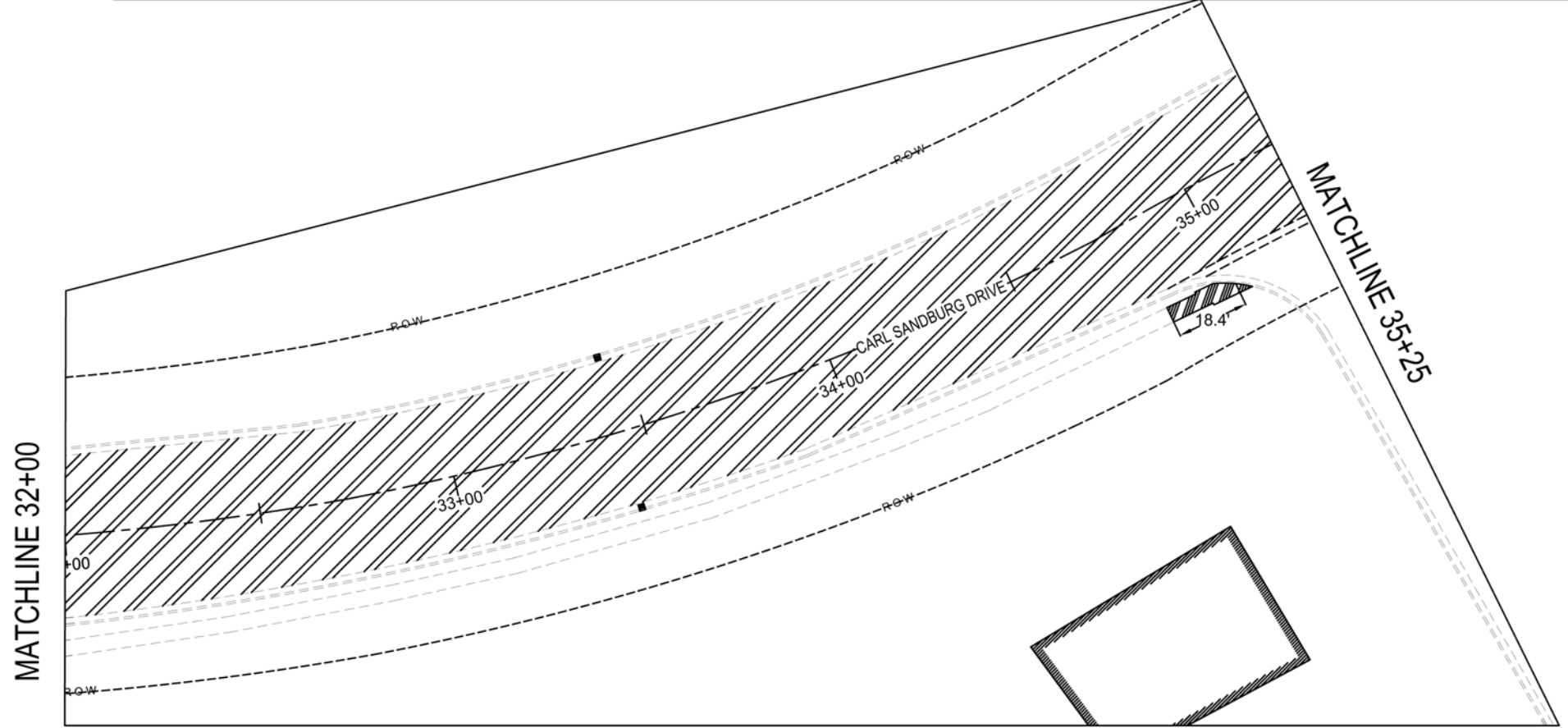
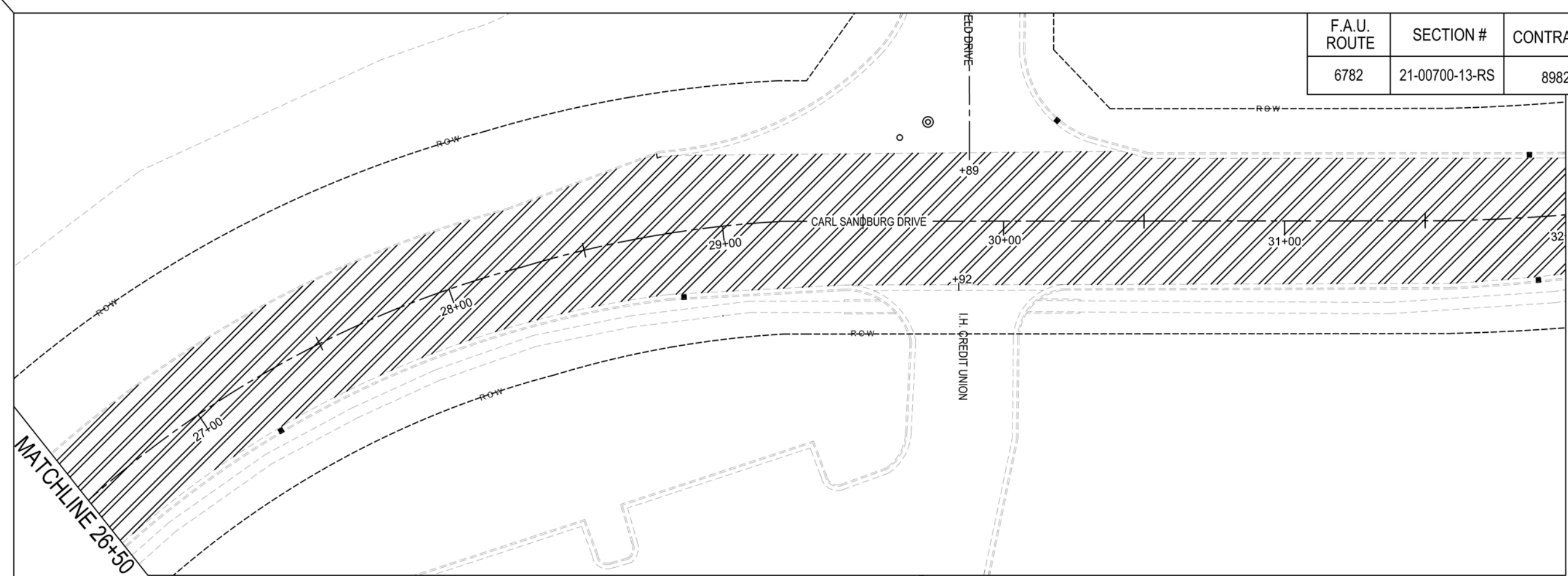
R.O.W.

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	10



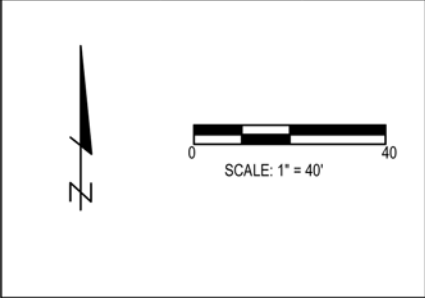
LEGEND:

-  HMA SURF REM 3"
-  HMA SURF REM VARIABLE DEPTH
-  PAVEMENT REMOVAL (SPL)
-  PAVEMENT REMOVAL
-  CURB REMOVAL
-  CCC & G REMOVAL
-  SIDEWALK REMOVAL










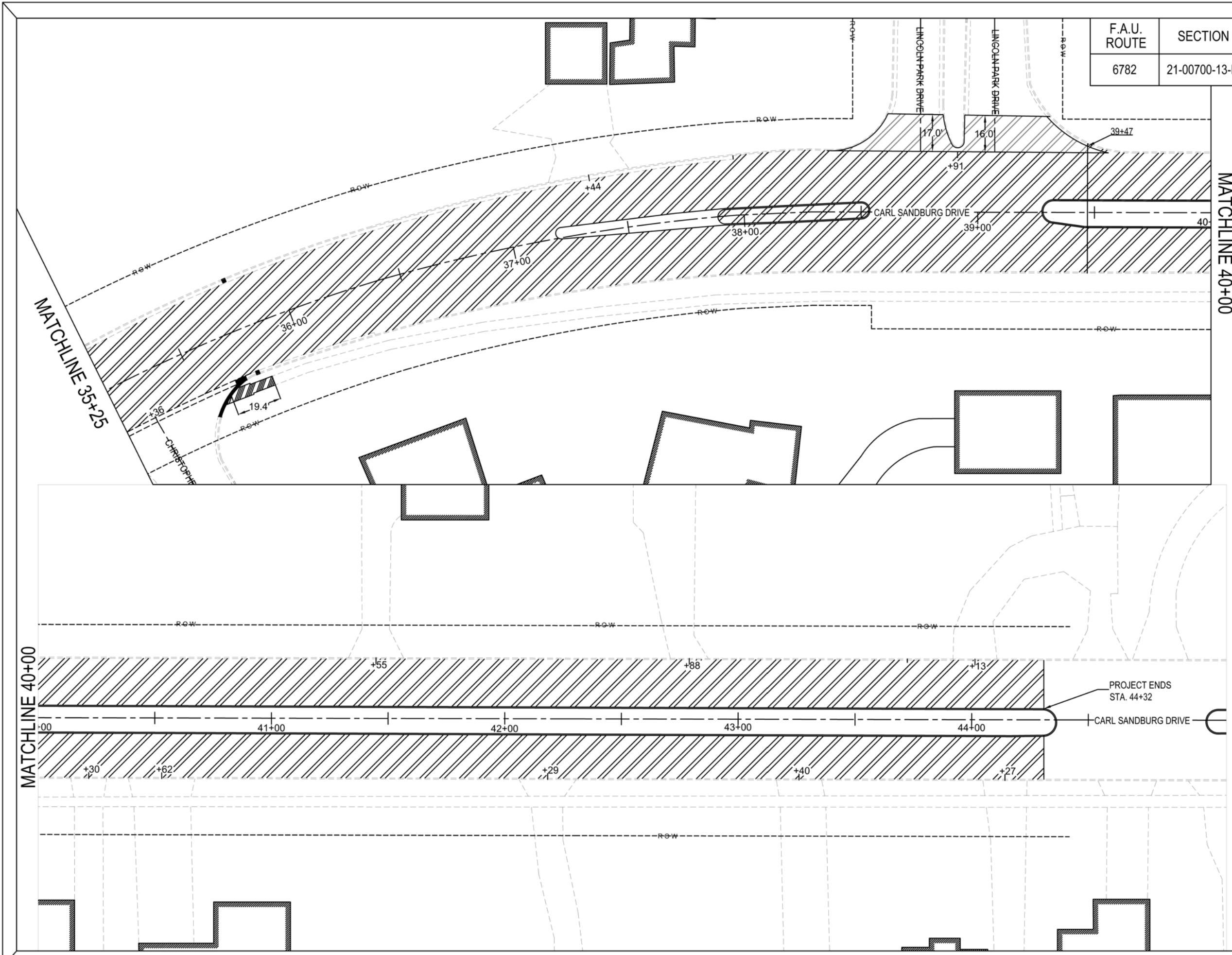
REMOVAL SHEET
 STA. 26+75 TO 35+25
 CARL SANDBURG DRIVE RESURFACING
 SECTION #21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	11



LEGEND:

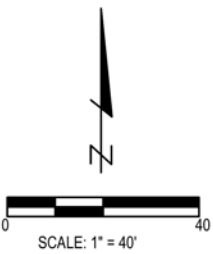
-  HMA SURF REM 3"
-  HMA SURF REM VARIABLE DEPTH
-  PAVEMENT REMOVAL (SPL)
-  PAVEMENT REMOVAL
-  CURB REMOVAL
-  CCC & G REMOVAL
-  SIDEWALK REMOVAL












REMOVAL SHEET
 STA. 35+25 TO 44+32
 CARL SANDBURG DRIVE RESURFACING
 SECTION #21-00700-13-RS

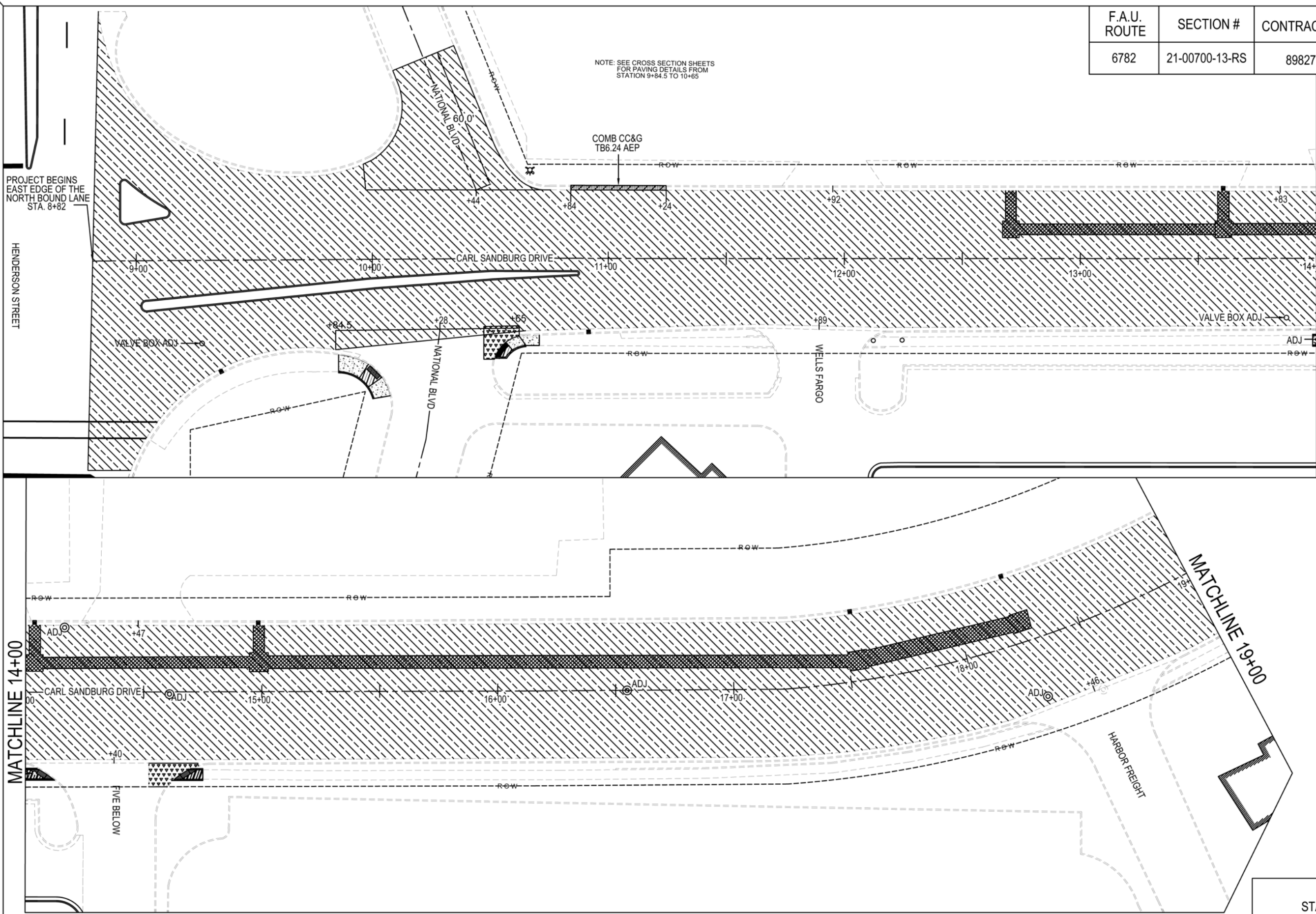
F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	12

NOTE: SEE CROSS SECTION SHEETS FOR PAVING DETAILS FROM STATION 9+84.5 TO 10+65



LEGEND:

-  PHMA BC/
PHMA SC
-  COMB CC&G
TB6.12 AEP
-  COMB CC&G
TB6.24 AEP
-  CONC. CURB
TYPE B
-  PCC SW 4"
-  PCC SW 8"
-  PCC PAVEMENT
8" (SPL)
-  PCC BASE CRSE
8"
-  PCC BASE CRSE
12"



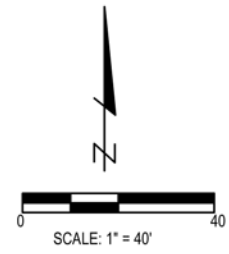
MATCHLINE 14+00

MATCHLINE 19+00










MATCHLINE 14+00

PLAN SHEET
STA. 8+82 TO 19+00
CARL SANDBURG DRIVE RESURFACING
SECTION #21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	13



LEGEND:

-  PHMA BC/
PHMA SC
-  COMB CC&G
TB6.12 AEP
-  COMB CC&G
TB6.24 AEP
-  CONC. CURB
TYPE B
-  PCC SW 4"
-  PCC SW 8"
-  PCC PAVEMENT
8" (SPL)
-  PCC BASE CRSE
8"
-  PCC BASE CRSE
12"

MATCHLINE 22+75

MATCHLINE 26+50

MATCHLINE 22+75

MATCHLINE 19+00

CONCRETE CURB TB
PCC BASE CRSE, 8"
LT. STA. 22+53 - 22+72

VALVE BOX ADJ

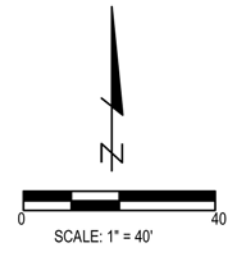
CARL SANDBURG DRIVE

HOME BLVD










CARL SANDBURG DRIVE

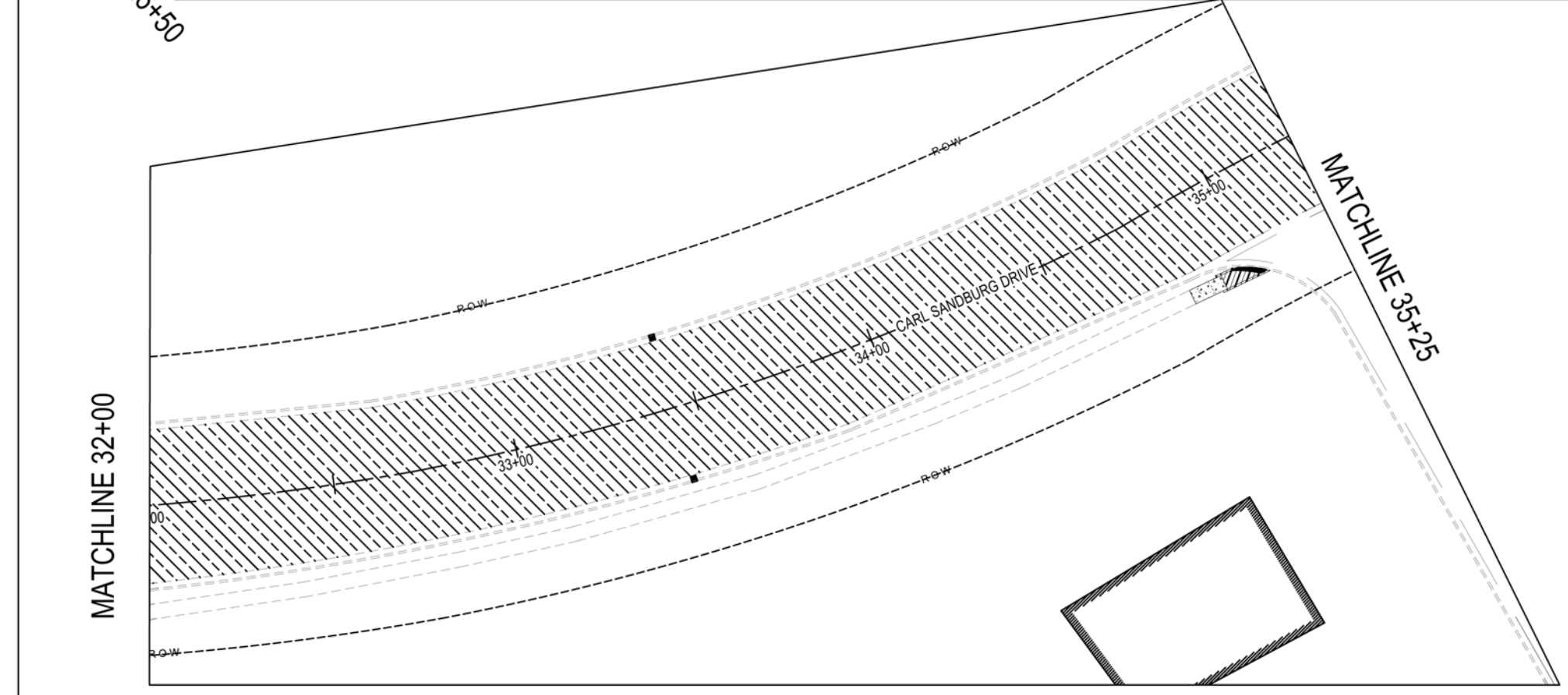
PLAN SHEET
STA. 19+00 TO 26+50
CARL SANDBURG DRIVE RESURFACING
SECTION #21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	14



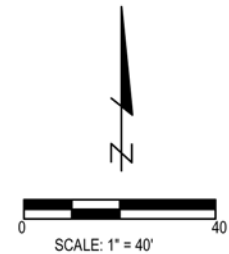
LEGEND:

-  PHMA BC/
PHMA SC
-  COMB CC&G
TB6.12 AEP
-  COMB CC&G
TB6.24 AEP
-  CONC. CURB
TYPE B
-  PCC SW 4"
-  PCC SW 8"
-  PCC PAVEMENT
8" (SPL)
-  PCC BASE CRSE
8"
-  PCC BASE CRSE
12"












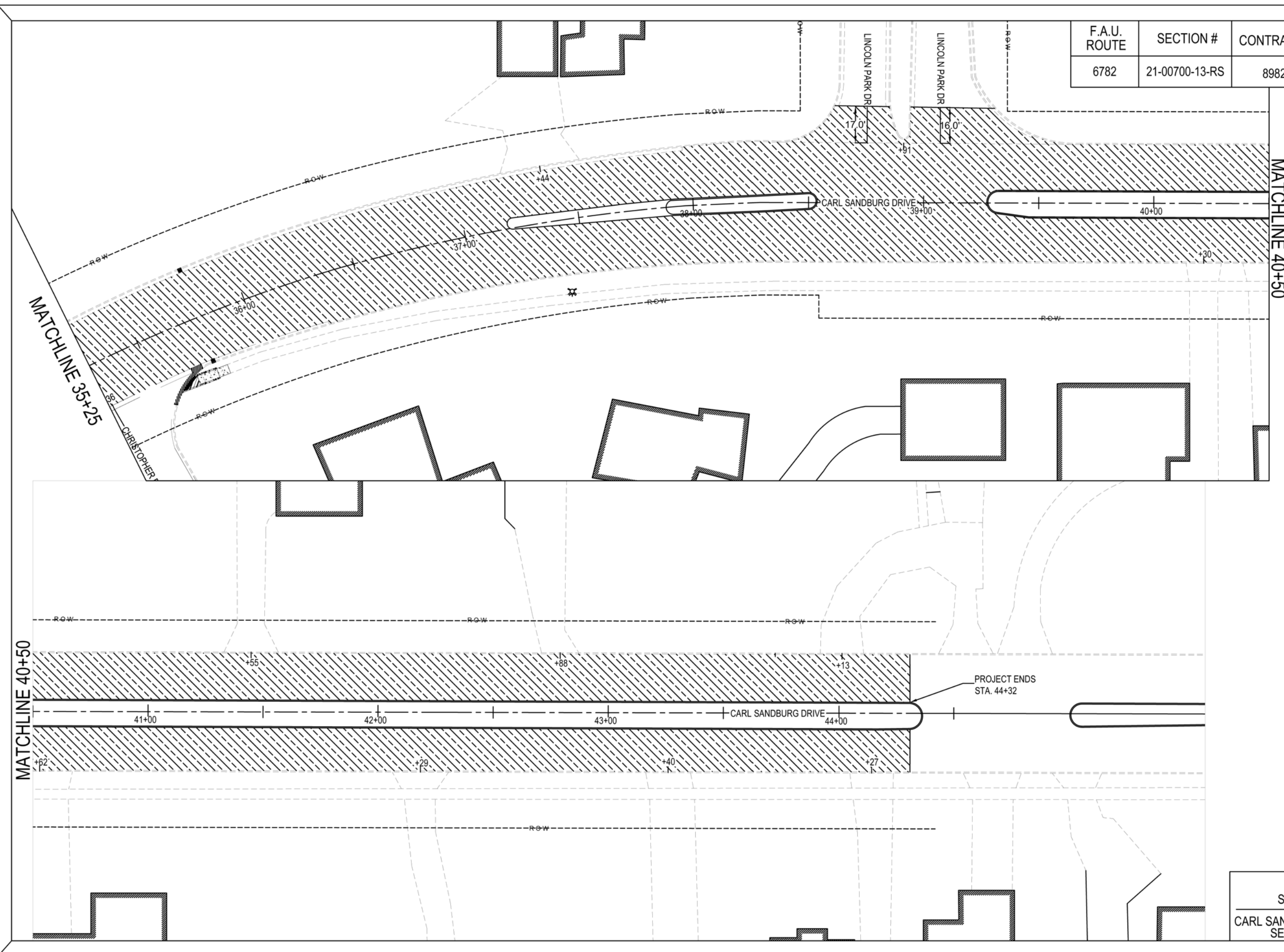
PLAN SHEET
 STA. 26+50 TO 35+25
 CARL SANDBURG DRIVE RESURFACING
 SECTION #21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	15



LEGEND:

-  PHMA BC/
PHMA SC
-  COMB CC&G
TB6.12 AEP
-  COMB CC&G
TB6.24 AEP
-  CONC. CURB
TYPE B
-  PCC SW 4"
-  PCC SW 8"
-  PCC PAVEMENT
8" (SPL)
-  PCC BASE CRSE
8"
-  PCC BASE CRSE
12"

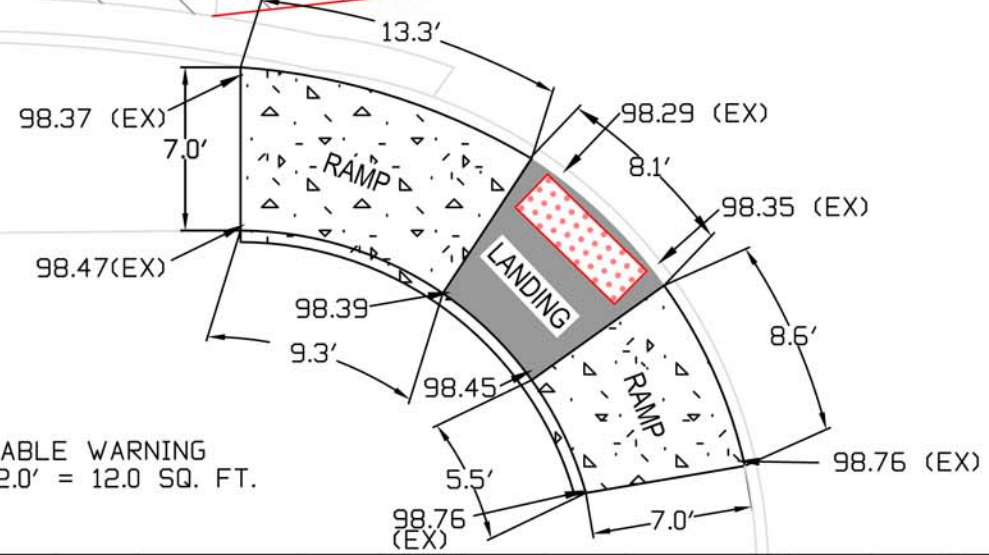


PLAN SHEET
STA. 35+25 TO 44+32
CARL SANDBURG DRIVE RESURFACING
SECTION #21-00700-13-RS

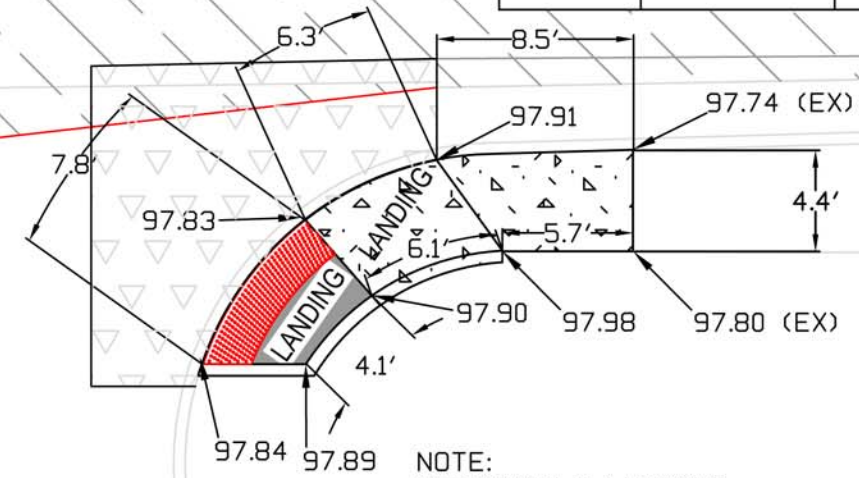
F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	16

+28

NATIONAL BLVD



NOTE:
DETECTABLE WARNING
6.0' X 2.0' = 12.0 SQ. FT.

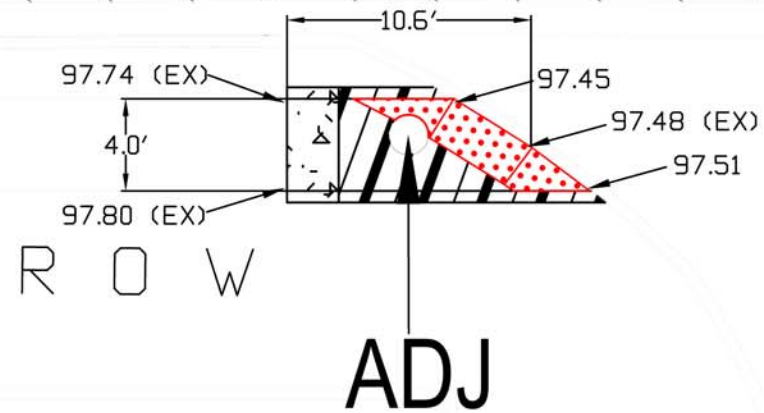


NOTE:
DETECTABLE WARNING
6.9' X 2.0' = 13.8 SQ. FT.

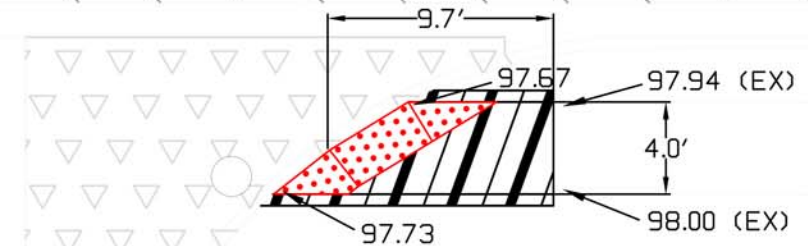
NOTE: FIRE HYDRANT @ 10+67 LT
B.M. ELEV. = 100.00
S. BOLT MARKED WITH "X"
USED FOR ADA RAMP @ NATIONAL BLVD.

+40

FIVE BELOW



NOTE:
DETECTABLE WARNING
7.6' X 2.0' = 15.2 SQ. FT.



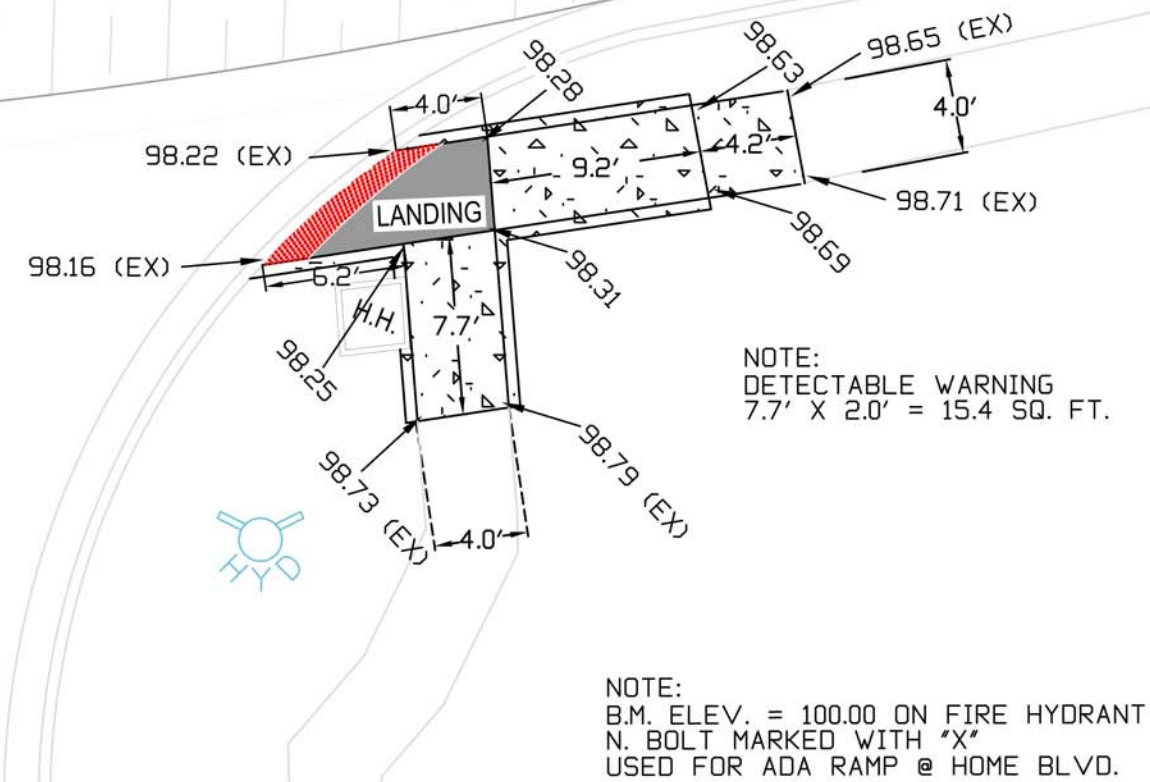
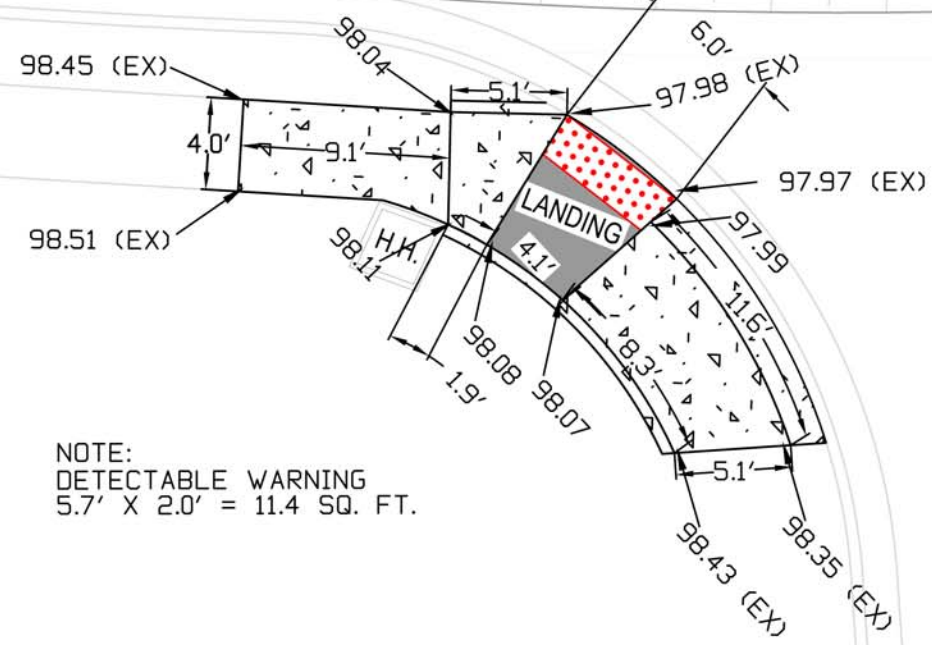
NOTE:
DETECTABLE WARNING
7.3' X 2.0' = 14.6 SQ. FT.

NOTE: "X" ON CONC. BASE (N.W. CORNER
OF GALESBURG CROSSING SIGN) STA. 14+68 RT
B.M. ELEV. = 100.00
USED FOR ADA RAMP @ FIVE BELOW

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	17

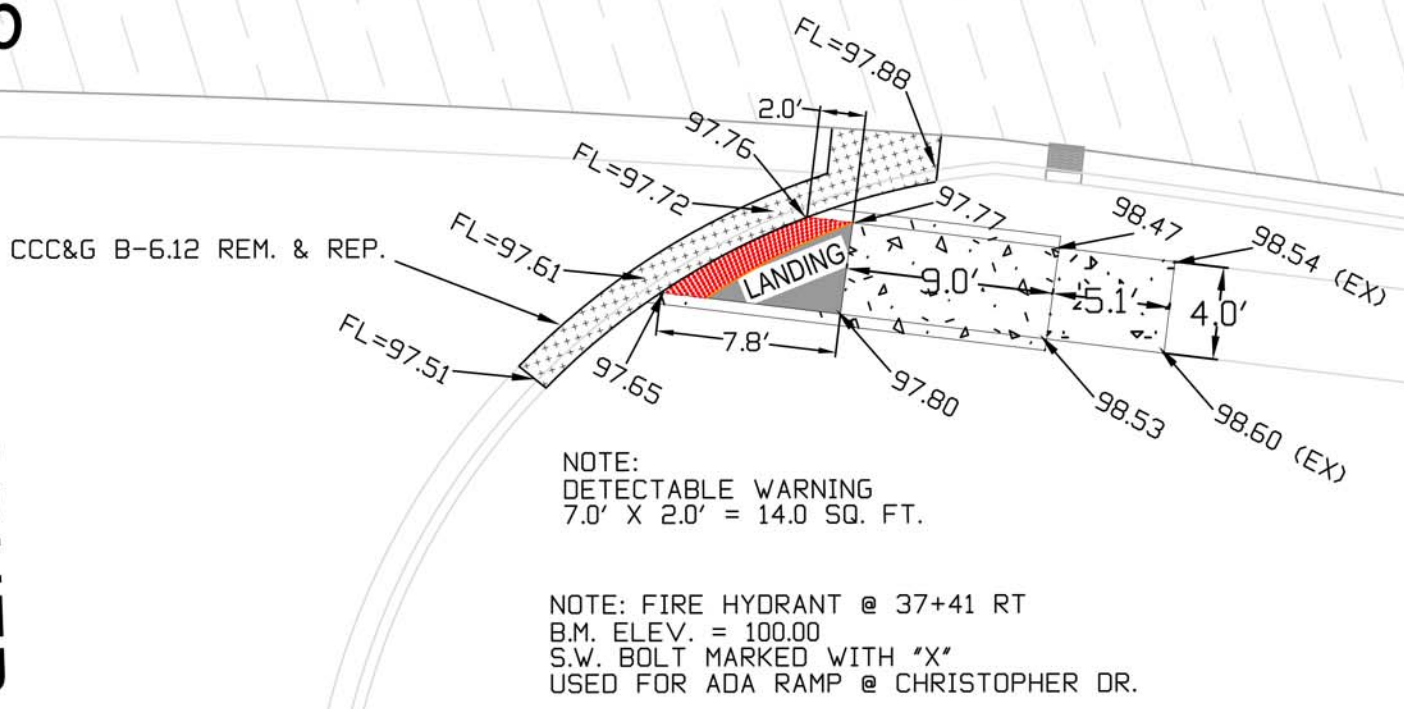
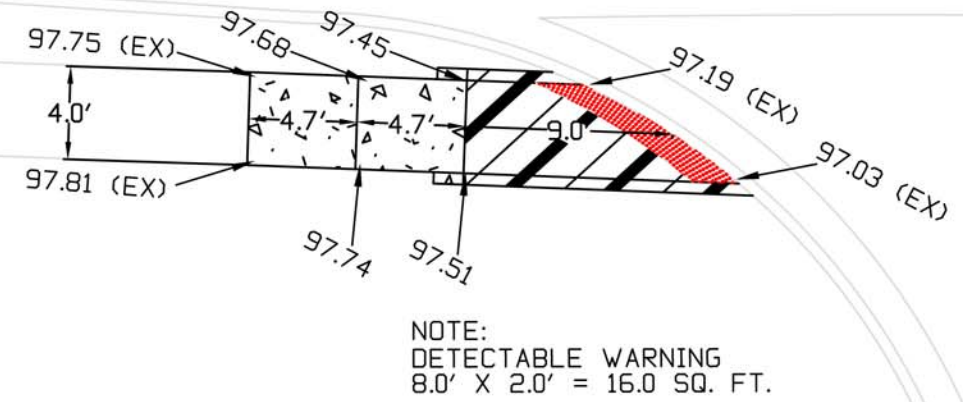
+48

HOME BLVD



+36

CHRISTOPHER DR.



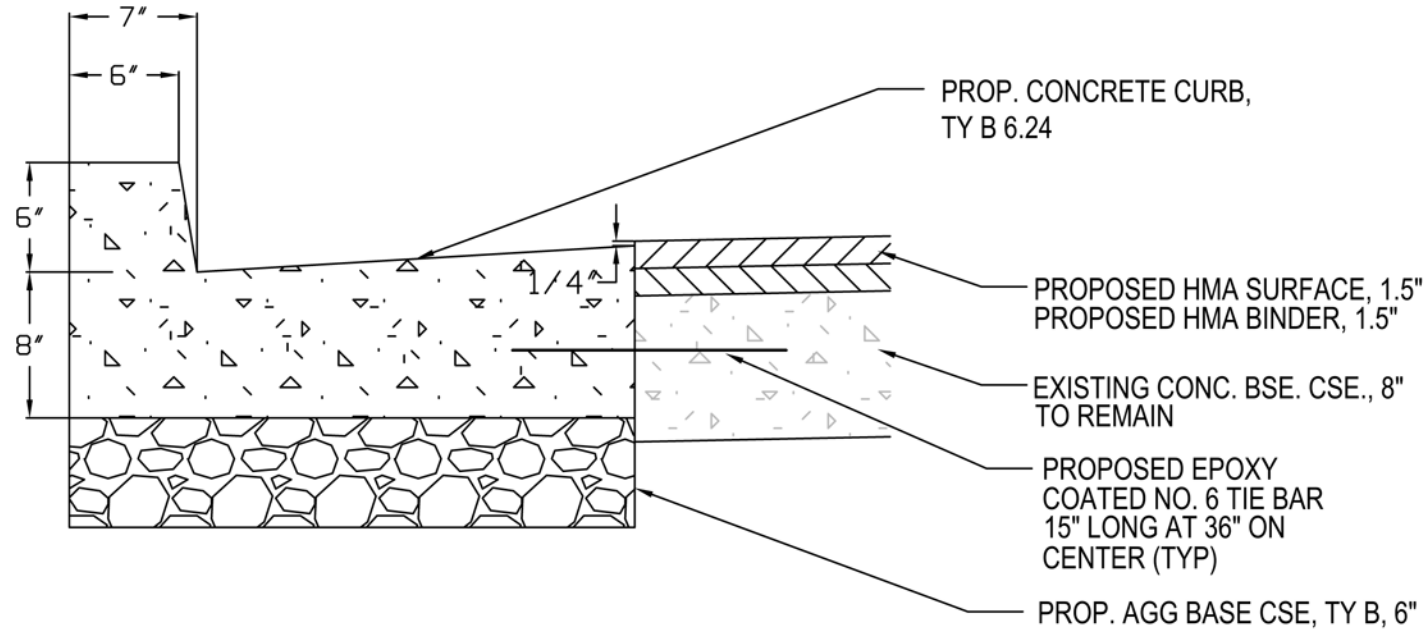
ADA RAMP DETAILS
CARL SANDBURG DRIVE RESURFACING
SECTION # 21-00700-13-RS

PROPOSED CURB TY B 6.24 AEP DETAIL

CARL SANDBURG DRIVE

STA. 10+84 TO 11+24 LT

(NOT TO SCALE)



PROP. CONCRETE CURB,
TY B 6.24

PROPOSED HMA SURFACE, 1.5"
PROPOSED HMA BINDER, 1.5"

EXISTING CONC. BSE. CSE., 8"
TO REMAIN

PROPOSED EPOXY
COATED NO. 6 TIE BAR
15" LONG AT 36" ON
CENTER (TYP)

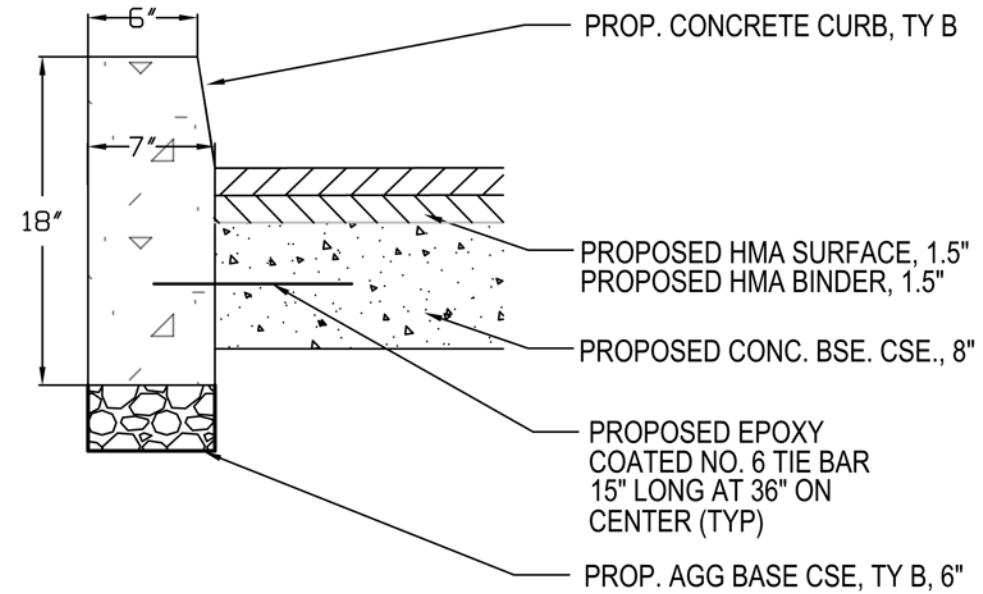
PROP. AGG BASE CSE, TY B, 6"

PROPOSED CURB TY B DETAIL

CARL SANDBURG DRIVE

STA. 22+53 TO 22+72 LT

(NOT TO SCALE)



PROP. CONCRETE CURB, TY B

PROPOSED HMA SURFACE, 1.5"
PROPOSED HMA BINDER, 1.5"

PROPOSED CONC. BSE. CSE., 8"

PROPOSED EPOXY
COATED NO. 6 TIE BAR
15" LONG AT 36" ON
CENTER (TYP)

PROP. AGG BASE CSE, TY B, 6"

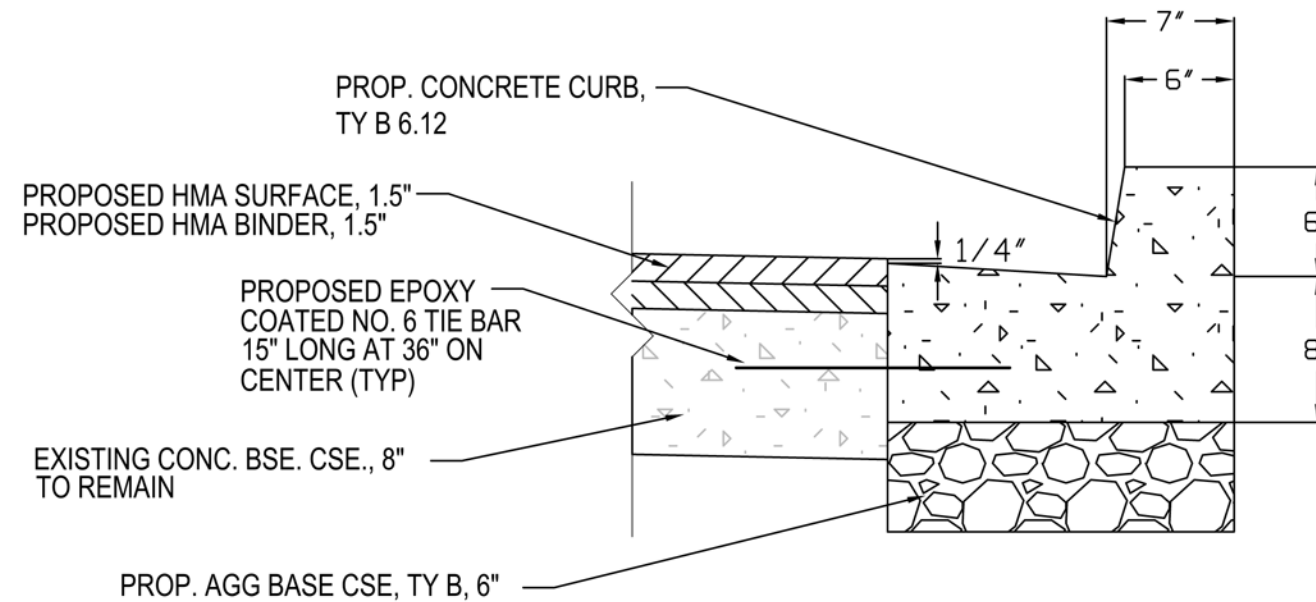
F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	18

PROPOSED CURB TY B 6.12 AEP DETAIL

CARL SANDBURG DRIVE

STA. 35+54 TO 35+71 RT

(NOT TO SCALE)



PROP. CONCRETE CURB,
TY B 6.12

PROPOSED HMA SURFACE, 1.5"
PROPOSED HMA BINDER, 1.5"

PROPOSED EPOXY
COATED NO. 6 TIE BAR
15" LONG AT 36" ON
CENTER (TYP)

EXISTING CONC. BSE. CSE., 8"
TO REMAIN

PROP. AGG BASE CSE, TY B, 6"

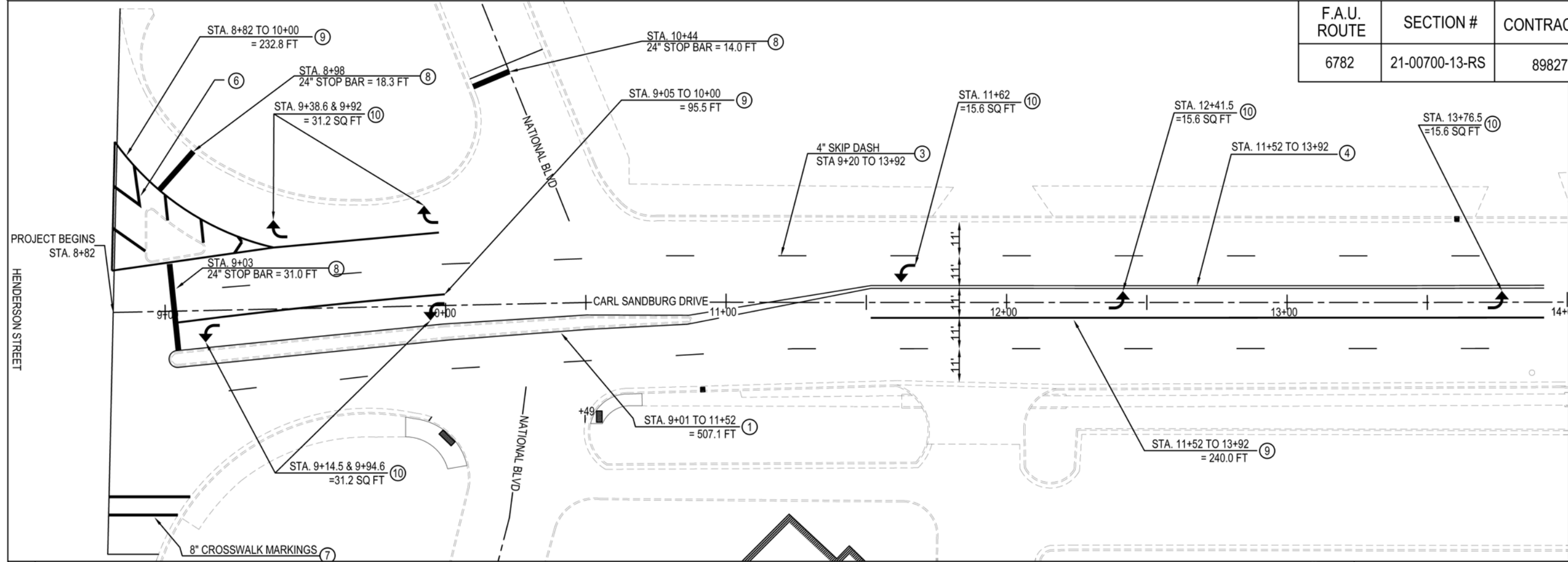
DETAILS SHEET

CARL SANDBURG DRIVE RESURFACING
SECTION # 21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	19

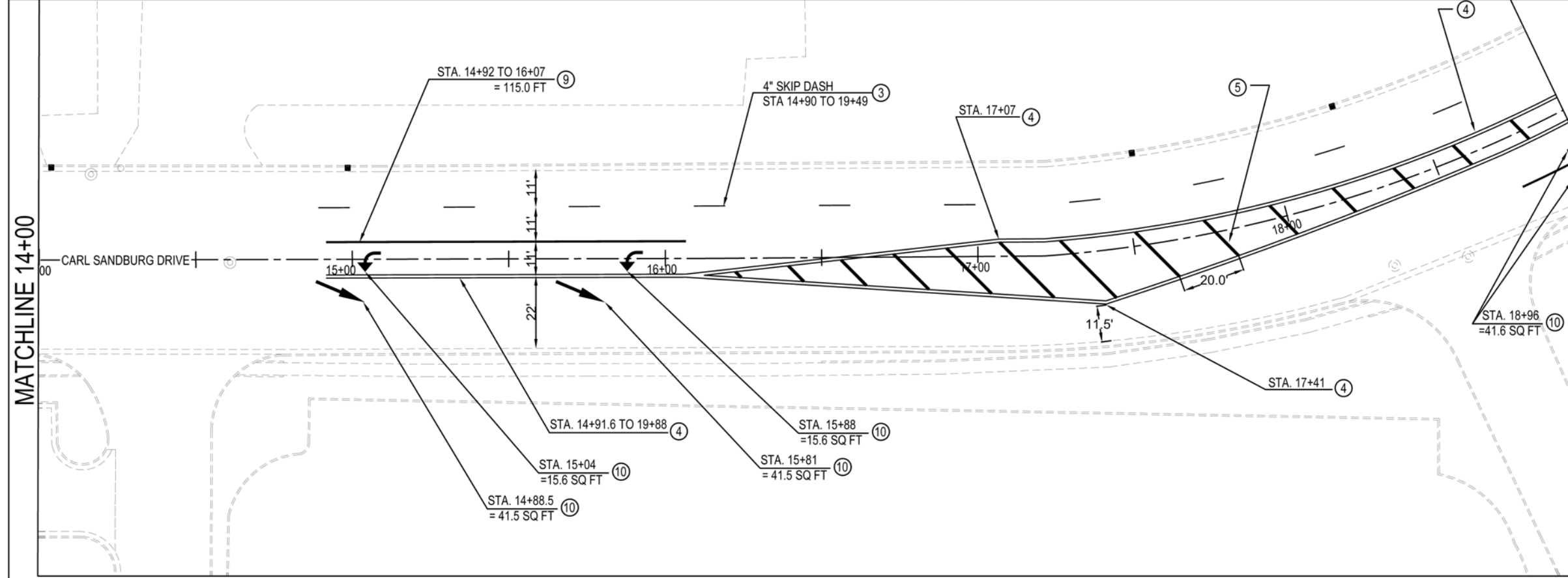
PROJECT BEGINS
STA. 8+82
HENDERSON STREET

MATCHLINE 14+00



MATCHLINE 14+00

MATCHLINE 19+00

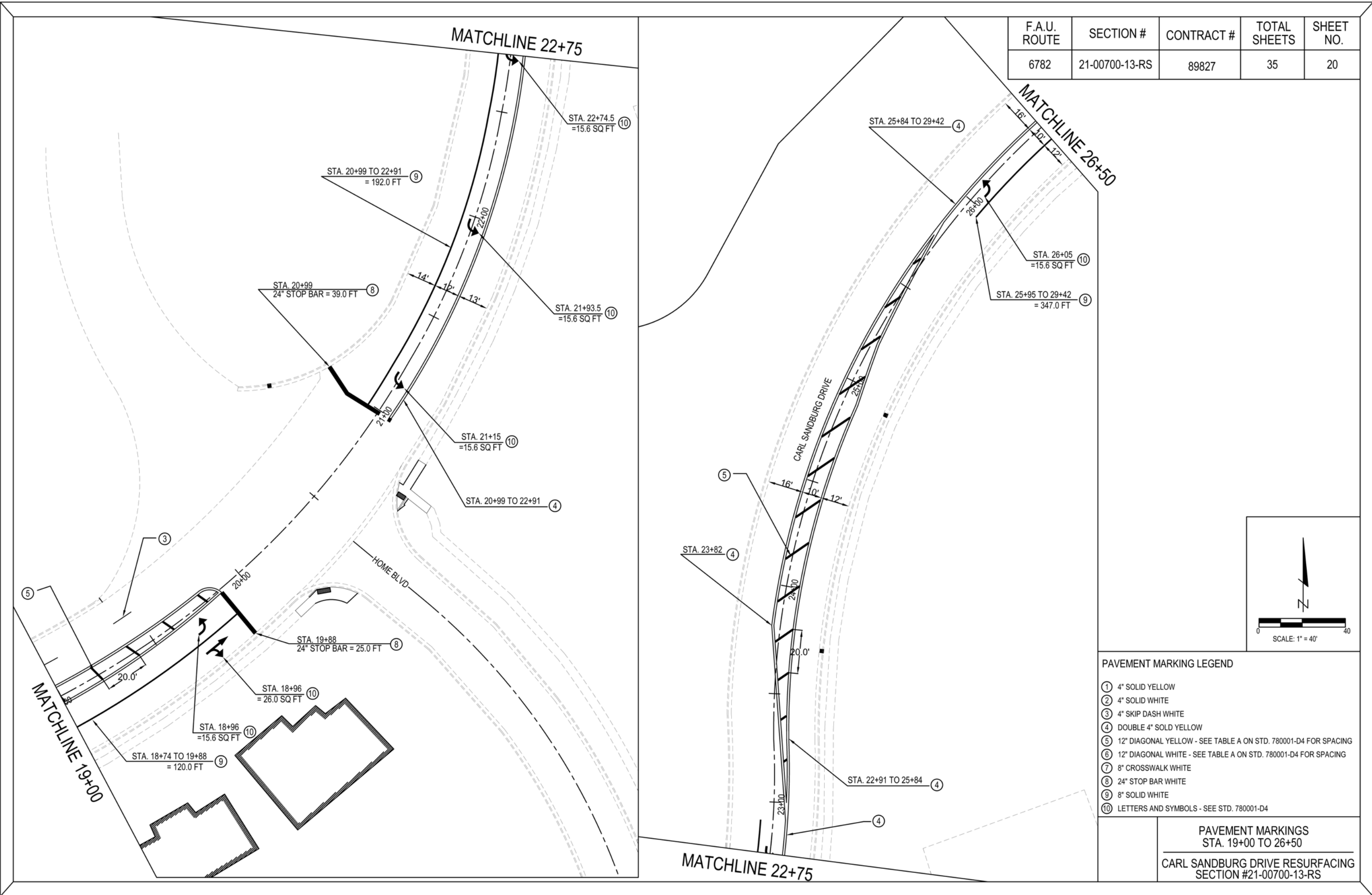


PAVEMENT MARKING LEGEND

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ 4" SKIP DASH WHITE
- ④ DOUBLE 4" SOLID YELLOW
- ⑤ 12" DIAGONAL YELLOW - SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑥ 12" DIAGONAL WHITE - SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 8" CROSSWALK WHITE
- ⑧ 24" STOP BAR WHITE
- ⑨ 8" SOLID WHITE
- ⑩ LETTERS AND SYMBOLS - SEE STD. 780001-D4

PAVEMENT MARKINGS
STA. 8+82 TO 19+00
CARL SANDBURG DRIVE RESURFACING
SECTION #21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	20

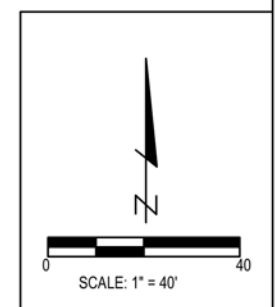
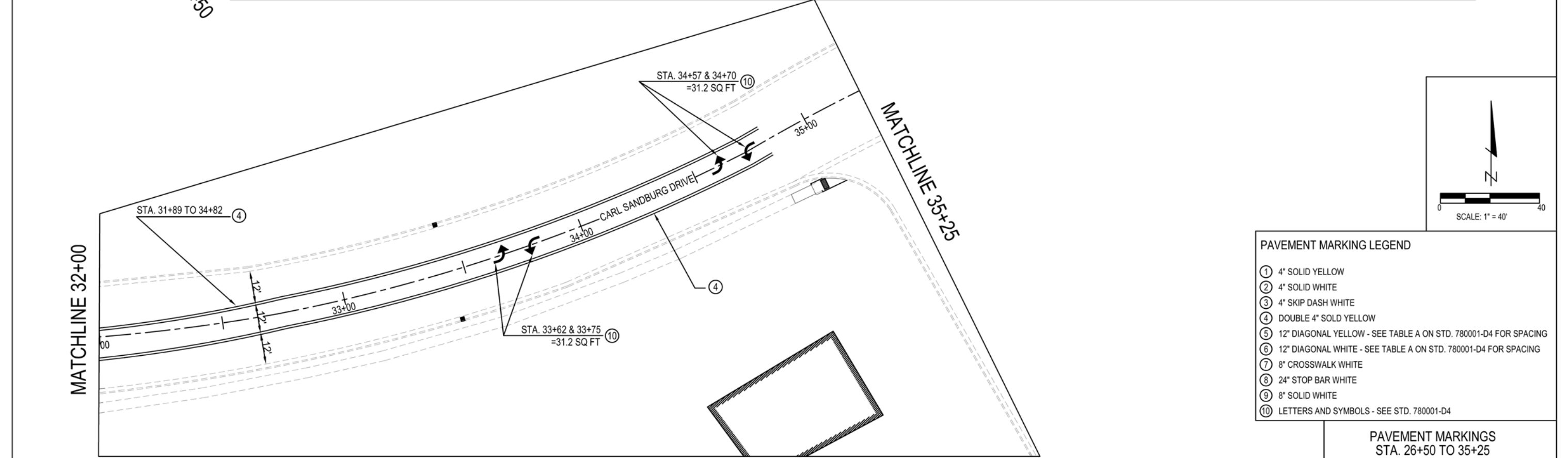
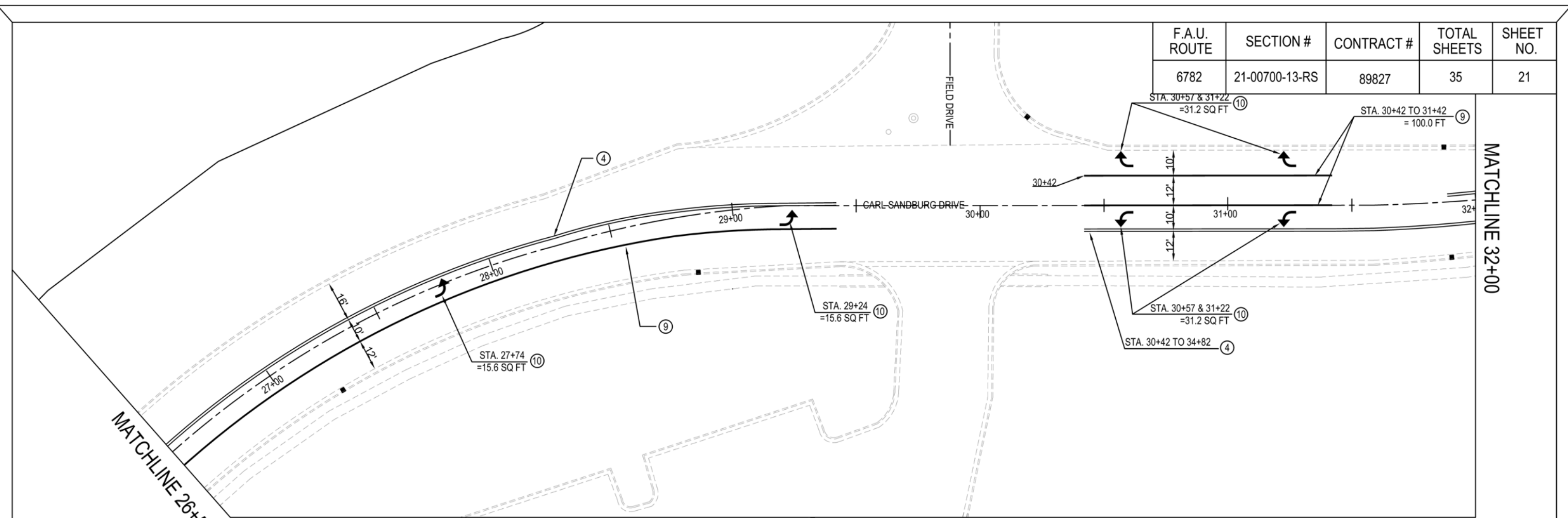


PAVEMENT MARKING LEGEND

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ 4" SKIP DASH WHITE
- ④ DOUBLE 4" SOLD YELLOW
- ⑤ 12" DIAGONAL YELLOW - SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑥ 12" DIAGONAL WHITE - SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 8" CROSSWALK WHITE
- ⑧ 24" STOP BAR WHITE
- ⑨ 8" SOLID WHITE
- ⑩ LETTERS AND SYMBOLS - SEE STD. 780001-D4

PAVEMENT MARKINGS
 STA. 19+00 TO 26+50
 CARL SANDBURG DRIVE RESURFACING
 SECTION #21-00700-13-RS

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	21



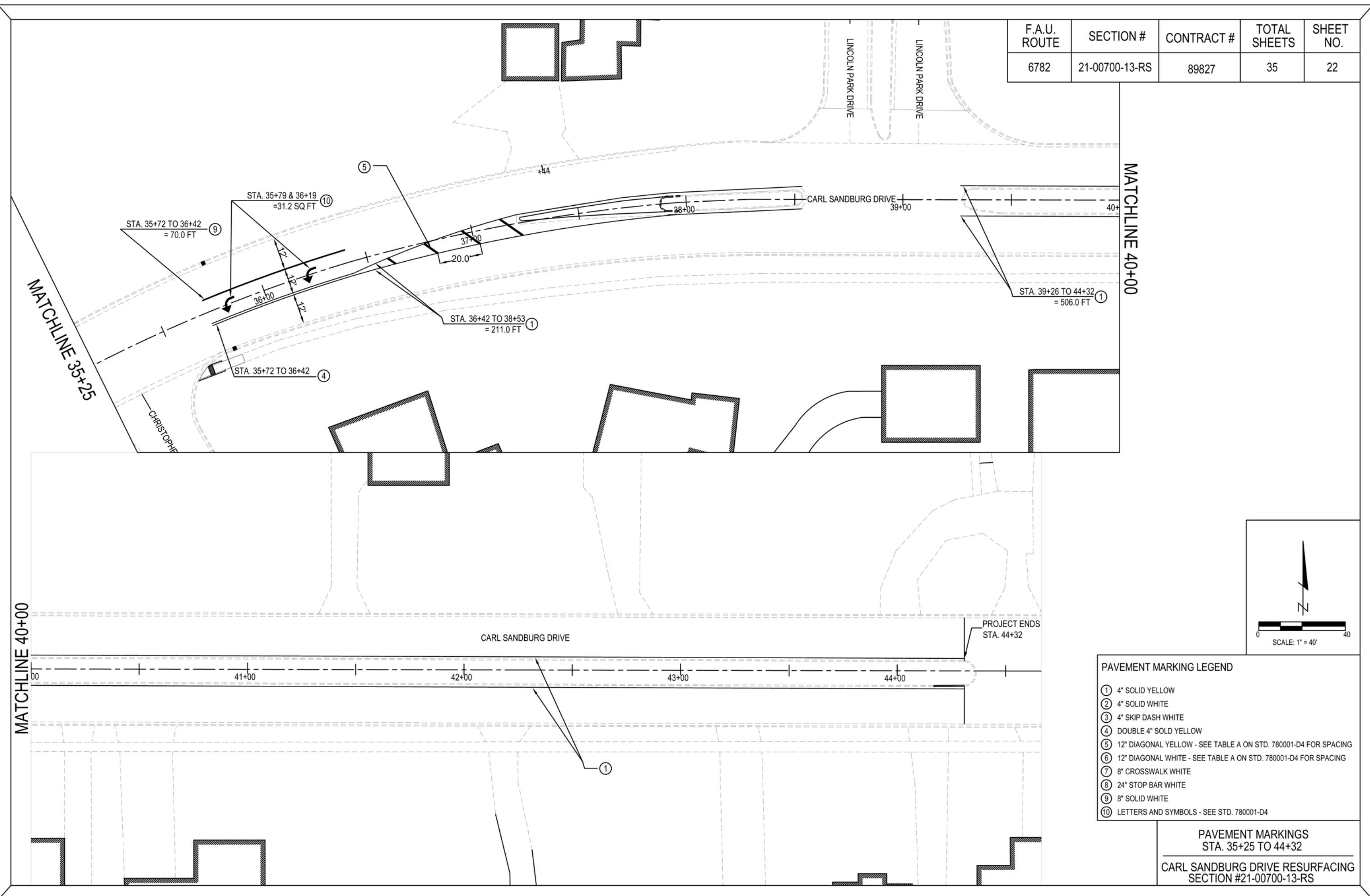
PAVEMENT MARKING LEGEND

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ 4" SKIP DASH WHITE
- ④ DOUBLE 4" SOLID YELLOW
- ⑤ 12" DIAGONAL YELLOW - SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑥ 12" DIAGONAL WHITE - SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 8" CROSSWALK WHITE
- ⑧ 24" STOP BAR WHITE
- ⑨ 8" SOLID WHITE
- ⑩ LETTERS AND SYMBOLS - SEE STD. 780001-D4

PAVEMENT MARKINGS
STA. 26+50 TO 35+25

CARL SANDBURG DRIVE RESURFACING
SECTION #21-00700-13-RS

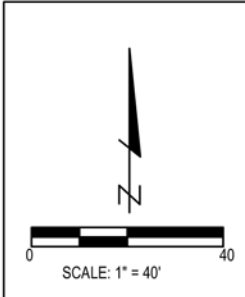
F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	22



MATCHLINE 40+00

MATCHLINE 35+25

MATCHLINE 40+00



PAVEMENT MARKING LEGEND

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ 4" SKIP DASH WHITE
- ④ DOUBLE 4" SOLD YELLOW
- ⑤ 12" DIAGONAL YELLOW - SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑥ 12" DIAGONAL WHITE - SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 8" CROSSWALK WHITE
- ⑧ 24" STOP BAR WHITE
- ⑨ 8" SOLID WHITE
- ⑩ LETTERS AND SYMBOLS - SEE STD. 780001-D4

PAVEMENT MARKINGS
STA. 35+25 TO 44+32

CARL SANDBURG DRIVE RESURFACING
SECTION #21-00700-13-RS

PROJECT ENDS
STA. 44+32

CARL SANDBURG DRIVE

STA. 35+72 TO 36+42
= 70.0 FT ⑨

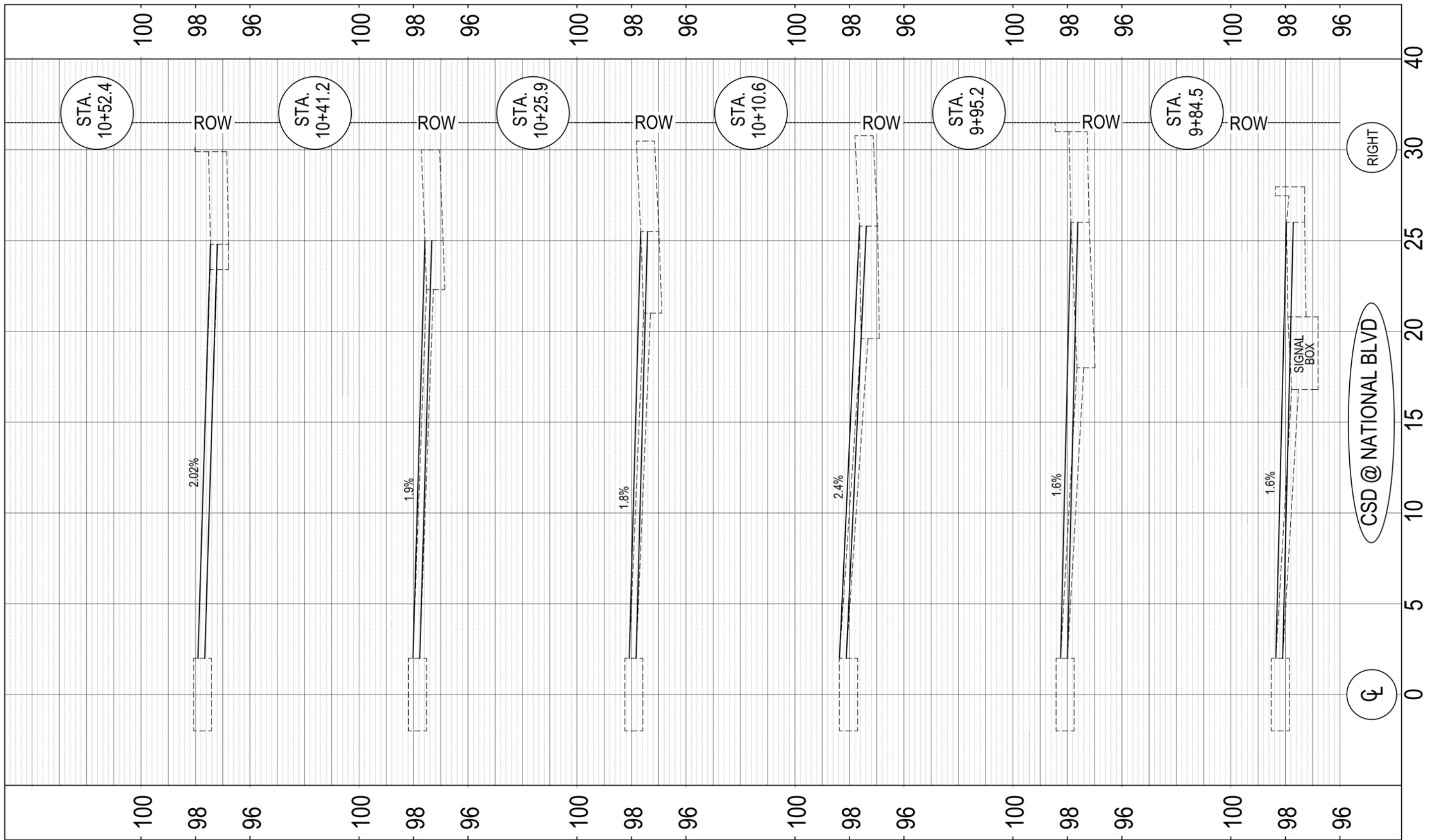
STA. 35+79 & 36+19
= 31.2 SQ FT ⑩

STA. 36+42 TO 38+53
= 211.0 FT ①

STA. 35+72 TO 36+42 ④

STA. 39+26 TO 44+32
= 506.0 FT ①

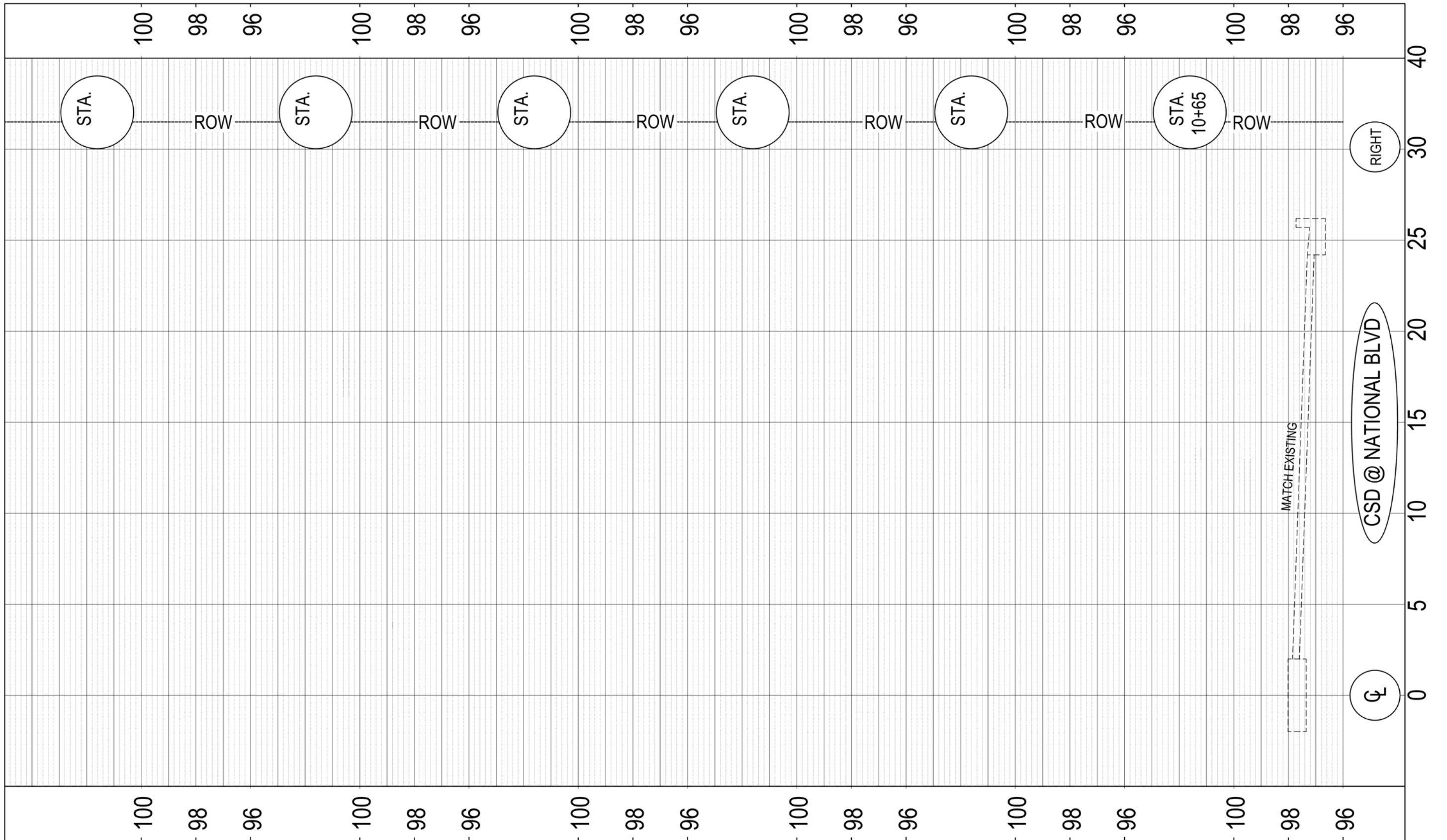
①



CROSS SECTIONS

CSB DRIVE @ NATIONAL BLVD
 STA. 9+84.5 TO 10+52.4

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	23



CROSS SECTIONS

CSB DRIVE @ NATIONAL BLVD
STA. 10+65

F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	24

CONSTRUCTION PLANS FOR STORM SEWER REPLACEMENT ALONG CARL SANDBURG DRIVE GALESBURG, ILLINOIS

F.A.U. ROUTE	SECTION #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	35	25

**Bruner,
Cooper &
Zuck, Inc.**
Engineers Architects Land Surveyors

- 188 East Simmons Street
Galesburg, Illinois 61401
309.343.9282
- 308 North 3rd Street
Burlington, Iowa 52601
319.752.9282
- 2415 18th Street Ste. 101
Bettendorf, Iowa 52722
563.355.1856

IL PROFESSIONAL DESIGN FIRM:
LS / ARC / PE / SE 184002633-0015

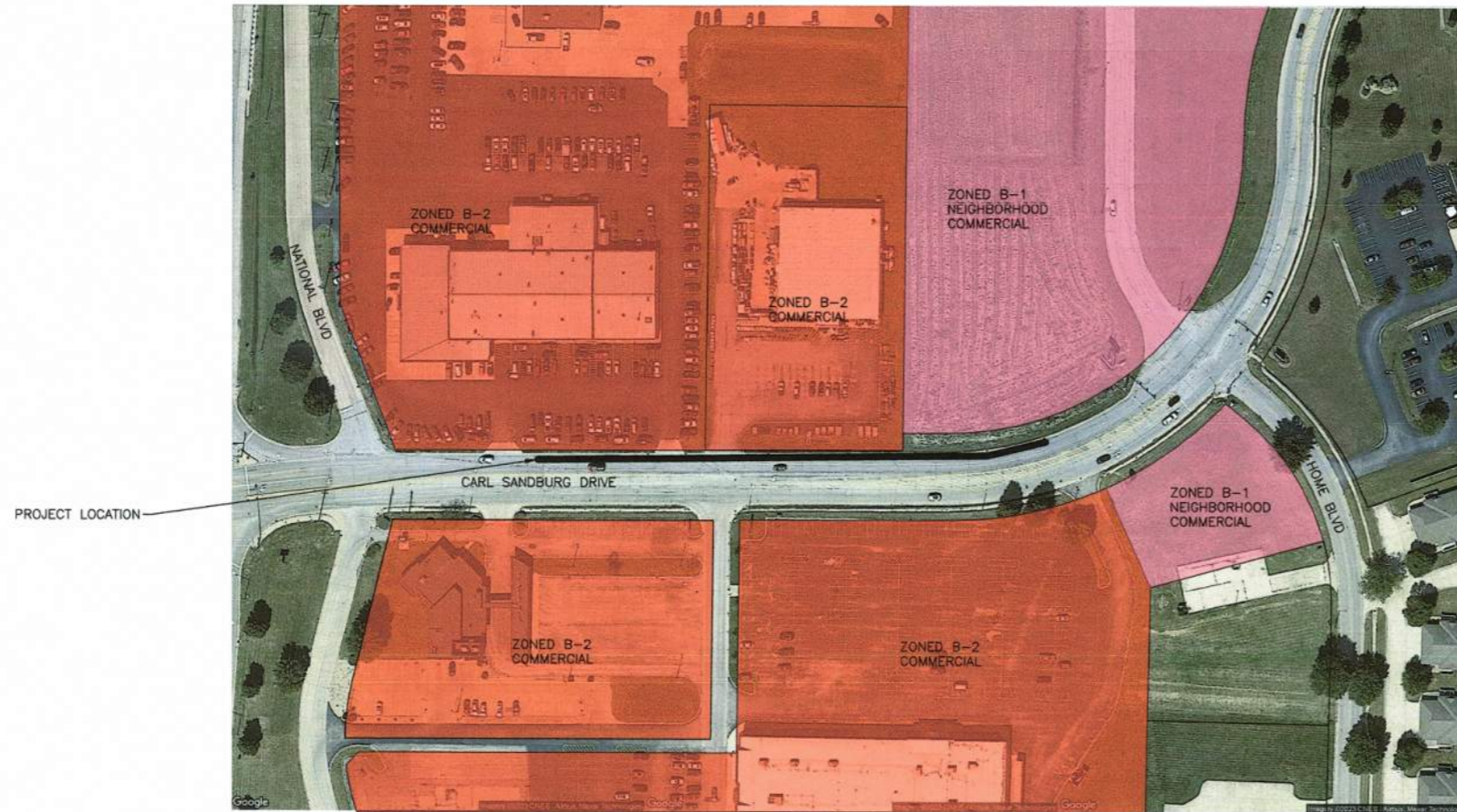


WWW.BCZENGINEERING.COM

**CITY OF
GALESBURG**
AARON GAVIN
55 W TOMPKINS ST.
GALESBURG, IL 61401
PH#309/343-4181

INDEX OF SHEETS

25	COVER
26	GENERAL NOTES & LEGEND
27-30	PLAN & PROFILE
31-32	DETAILS



LOCATION MAP
NTS

image by google earth

OWNER & DEVELOPER:

CITY OF GALESBURG
CITY HALL
55 W TOMPKINS ST.
GALESBURG, IL 61401
PH#309/343-4181

SITE ENGINEER:

BRUNER, COOPER & ZUCK INC
188 EAST SIMMONS STREET
GALESBURG, ILLINOIS 61401
PH# 309-343-9282



SIGNED THIS 20 DAY OF Dec, 2023

KEVAN J. COOPER,
ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 49735
LICENSE RENEWAL DATE: 11/30/2025

PROJECT TITLE

**CARL SANDBURG DRIVE
DRAINAGE IMPROVEMENTS**

- ISSUE RECORD -

NO.	DATE	DESCRIPTION

P PRELIMINARY
R REVISION
C BID DOCUMENTS
A FOR CONSTRUCTION RECORD DOCUMENTS

**COVER
25**

**GALESBURG
GENERAL NOTES**

- UNDERGROUND WATER, GAS, TELEPHONE, SEWER & ELECTRICAL UTILITY INFORMATION SHOWN ON THESE PLANS WAS COMPILED FROM PREVIOUS SITE PLANS, UTILITY COMPANY MAPS, AND FIELD LOCATION OF VISIBLE STRUCTURES SUCH AS MANHOLES, VALVES, JUNCTION BOXES, ETC. RESPECTIVE UTILITY COMPANIES SHOULD BE CONTACTED FOR EXACT LOCATIONS. THE J.U.L.I.E. TELEPHONE NUMBER IS 1-800-892-0123.
- UTILITY COMPANIES:
 - A. ELECTRIC & GAS: AMEREN
JULIE CONE'
309/345-5169
 - B. CABLE TV: COMCAST
PAUL KAUSCH
309/643-3986
 - C. TELEPHONE: CENTURYLINK
DARRELL SCHMIDT
309/477-0255
 - D. SANITARY: GALESBURG SANITARY DISTRICT
MARSHALL SCHRADER
309/342-0131
 - E. WATER: CITY OF GALESBURG WATER DEPT.
TIM FEY
309/345-3648
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL STATE AND LOCAL ORDINANCES AND SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO INITIATING CONSTRUCTION.
- AT ALL UTILITY CROSSINGS PROVIDE SELECT COMPACTED BACKFILL TO ONE FOOT OVER THE TOP OF THE EXISTING UTILITY. COORDINATE IN ADVANCE WITH THE APPROPRIATE UTILITY COMPANY REGARDING OTHER REQUIREMENTS.
- ANY PROPERTY DAMAGE OUTSIDE OF EASEMENTS AND RIGHT-OF-WAY LINES SHALL BE REPLACED TO ORIGINAL OR BETTER CONDITION BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THIS CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION".
 - B. "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", LATEST EDITION, ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - C. "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", LATEST EDITION.
 - D. "ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", LATEST EDITION.
 - E. "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", LATEST EDITION.
 - F. "ILLINOIS URBAN MANUAL", LATEST EDITION.
- THE CONTRACTOR SHALL NOTIFY THE PROPER AUTHORITIES A MINIMUM OF 48 HOURS PRIOR TO CONNECTING TO AN EXISTING STORM SEWER.

CONTROL POINTS			
Point#	Northing	Easting	Description
CP #2	1568663.868	2237725.034	FOUND 1/2" SMOOTH IRON ROD
CP #24	1568744.664	2237087.269	FOUND 5/8" IRON ROD WITH BCZ CAP
CP #211	1568660.557	2237494.271	SET 3/8" IRON ROD

BENCHMARKS	
Point#	DESCRIPTION
BM #102	CHISELED "+" ON NORTH CAP BOLT FIRE HYDRANT, NORTHEAST QUADRANT OF CARL SANDBURG DRIVE AND NATIONAL BOULEVARD. ELEVATION = 786.68
BM #5	CHISELED SQUARE ON EAST SIDE OF LIGHT POLE BASE, 150± NORTH AND 50± WEST OF THE NORTHEAST CORNER OF VACANT WALMART BUILDING, NOW HARBOR FREIGHT BUILDING. ELEVATION = 786.50
TBM #1	PAINTED SQUARE WEST SIDE OF LIGHT POLE BASE, FIRST LIGHT POLE NORTH OF CARL SANDBURG DRIVE, BETWEEN PARKING LOTS TO YEMM AUTO AND TRACTOR SUPPLY COMPANY. ELEVATION = 786.79

F.A.U. ROUTE	SECTION #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	35	26

**Bruner,
Cooper &
Zuck, Inc.**
Engineers Architects Land Surveyors

188 East Simmons Street
Galesburg, Illinois 61401
309.343.9282

308 North 3rd Street
Burlington, Iowa 52601
319.752.9282

2415 18th Street Ste. 101
Bettendorf, Iowa 52722
563.355.1856

IL PROFESSIONAL DESIGN FIRM:
LS / ARC / PE / SE 184002633-0015



WWW.BCZENGINEERING.COM

**CITY OF
GALESBURG**
AARON GAVIN
55 W TOMPKINS ST.
GALESBURG, IL 61401
PH#309/343-4181

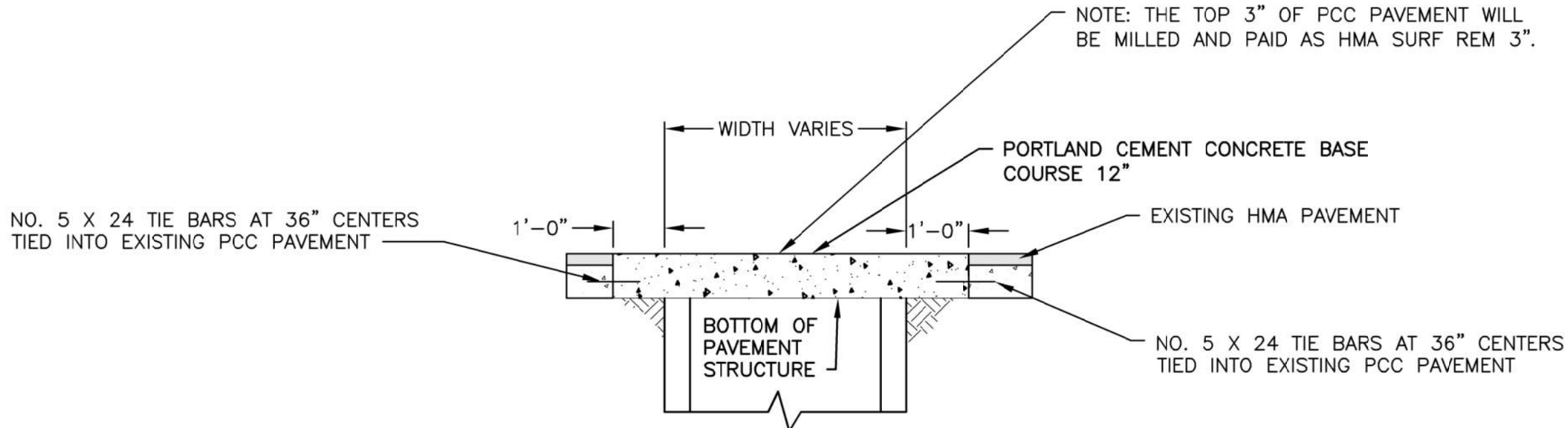
PROJECT TITLE
CARL SANDBURG DRIVE
DRAINAGE IMPROVEMENTS

- ISSUE RECORD -

REV	DESCRIPTION
P	PRELIMINARY
R	REVISION
B	BID DOCUMENTS
C	FOR CONSTRUCTION
A	RECORD DOCUMENTS

**GENERAL NOTES
AND LEGEND**
26

F:\0903\PROJECTS\0903055 CARL SANDBURG DRIVE STORM SEWER DESIGN\DRAWINGS\PRODUCTION\0903055 SHEETS.DWG Tanner M. Wynn 12/30/2023 3:22:50 PM



EXISTING		PROPOSED	
	AIR CONDITIONING SIGN		ELECTRIC MANHOLE
	MAILBOX		LIGHT ON POLE
	BOLLARD		ELECTRIC METER
	DOWNSPOUT		ELECTRIC CONTROL PANEL
	FLOW DIRECTION		GAS METER
	DRAINAGE AREA FIRE HYDRANT		GAS VALVE
	SPIGOT		MANHOLE
	WATER VALVE WATER METER PIT		CATCH BASIN
	WATER CURB STOP		INLET
	WATER WELL		FLARED END SECTION
	MONITORING WELL		CLEAN OUT
	CABLE SPLICE BOX		LIFT STATION
	TELEPHONE PEDESTAL		VALVE VAULT
	POWER POLE		WET WELL
	GUY WIRE		BUSH
	HANDHOLE DOUBLE HANDHOLE		STUMP
	JUNCTION BOX		CONIFER TREE
	ELECTRIC JUNCTION BOX		DECIDUOUS TREE
EXISTING		PROPOSED	
	CATV		CENTERLINE OF ROAD
	BUILDING OVERHANG		OVERHEAD CABLE TV
	GUARDRAIL		BUILDING OVERHANG
	FENCELINE		GUARDRAIL
	SILT FENCE		FENCELINE
	DITCH LINE/WATER EDGE		SILT FENCE
	DRAINAGE AREA BORDER		DITCH LINE/WATER EDGE
	SURVEY EASEMENT		DRAINAGE AREA BORDER
	RIGHT OF WAY		SURVEY EASEMENT
	RAILROAD		RIGHT OF WAY
	WATER MAIN		RAILROAD
	WATER SERVICE		WATER MAIN
	UNDERGROUND ELECTRIC		WATER SERVICE
	OVERHEAD ELECTRIC		UNDERGROUND ELECTRIC
	ELECTRIC SERVICE		OVERHEAD ELECTRIC
	UNDERGROUND TELEPHONE		ELECTRIC SERVICE
	OVERHEAD TELEPHONE		UNDERGROUND TELEPHONE
	TELEPHONE SERVICE		OVERHEAD TELEPHONE
	FIBER OPTIC		TELEPHONE SERVICE
	GAS LINE		FIBER OPTIC
	GAS SERVICE		GAS LINE
	STORM		GAS SERVICE
	TILE		STORM
	PERFORATED PIPE		TILE
	DRAIN LINE		PERFORATED PIPE
	FORCE MAIN		DRAIN LINE
	SANITARY SEWER		FORCE MAIN
	SANITARY SERVICE		SANITARY SEWER
	CONTOUR LINE		SANITARY SERVICE
	BUSH/TREE/CROP/VEG CONC		CONTOUR LINE
	CURB & GUTTER		BUSH/TREE/CROP/VEG CONC
	BITUMINOUS SURFACE		CURB & GUTTER
	CONCRETE SURFACE		BITUMINOUS SURFACE
	AGGREGATE SURFACE		CONCRETE SURFACE
	BRICK SURFACE		AGGREGATE SURFACE
	RIPRAP		BRICK SURFACE
	SURFACE SUBGRADE		RIPRAP
	BUILDING/STRUCTURE		SURFACE SUBGRADE
	SPOT ELEVATIONS (SEE ABBREV.)		BUILDING/STRUCTURE

TRENCH BACKFILL TABLE FOR CIRCULAR CONCRETE PIPE, ENGLISH

Width (Max.) = 9" + OD + 9", when trench < 5 ft.
Width (Max.) = 18" + OD + 18", when trench > 5 ft.

Subgrade

Trench Backfill (cubic yards)

D, Depth (ft)

Pipe Invert

4"

EXAMPLE

Given: Pipe = 42" Storm Sewer
Average Depth, D = 6.8 feet
Trench Length = 84.7 feet

Find: Cubic Yards of TRENCH BACKFILL

Solution: From Table, Cubic yard/lin. ft. = 1.093
x Trench length = x 84.7
TRENCH BACKFILL = 92.6 cu. yds.

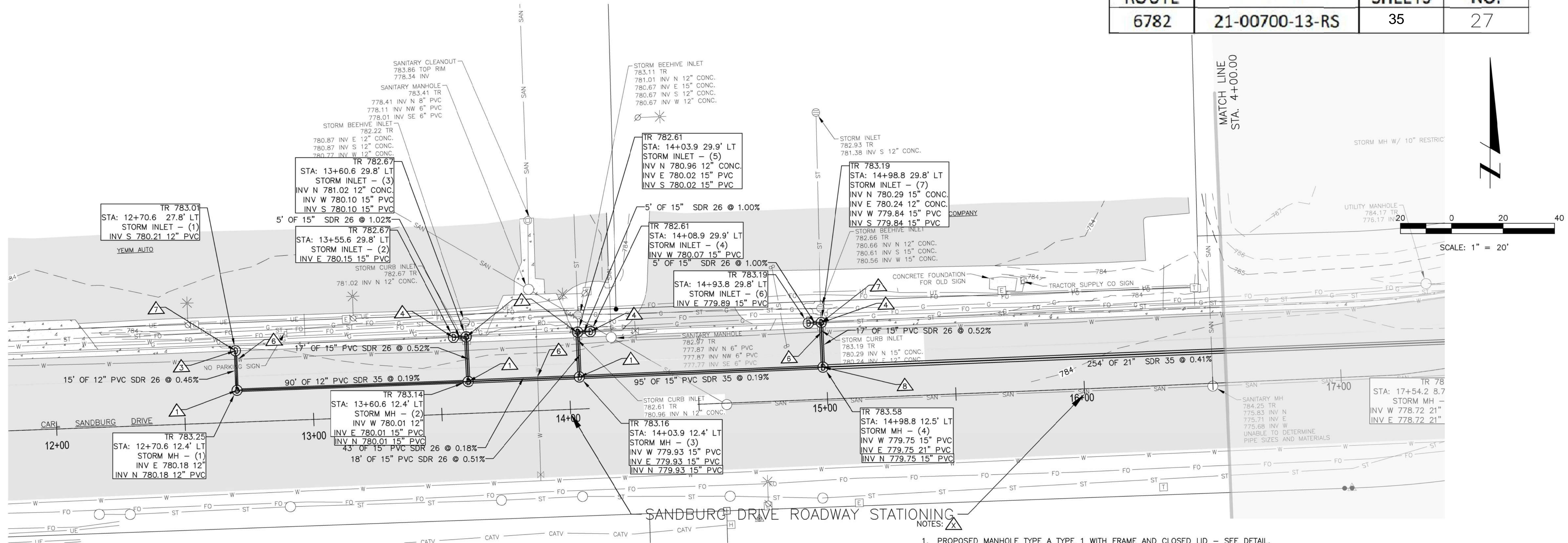
NOTE: If the field engineer measures a width of trench less than the maximum permitted, the values included herein will be of no value. The actual volume of TRENCH BACKFILL used will therefore have to be calculated using the following formula:

$$\text{Cubic Yards} = \left[\left(\frac{W^2}{2} \right) - \left(\frac{\text{Pipe End Area}}{2} \right) \right] \times L \times 1.35$$

E-1

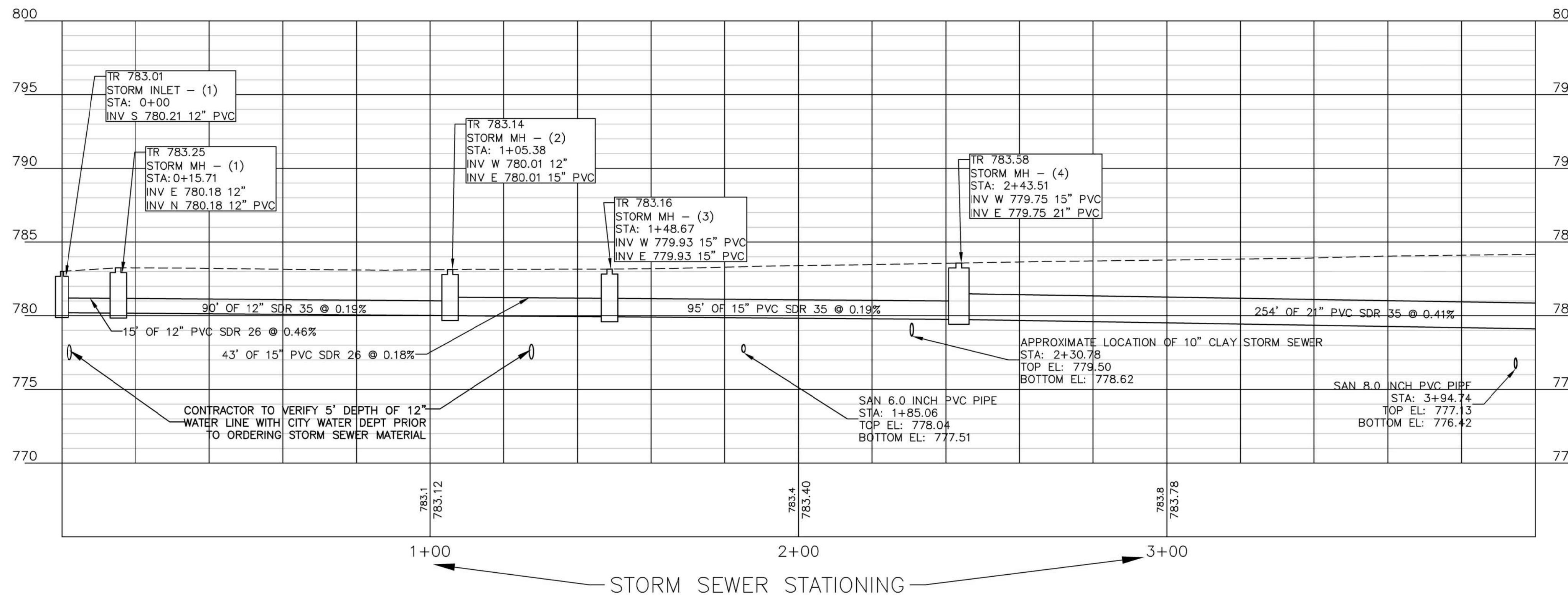


F.A.U. ROUTE	SECTION #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	35	27



- NOTES:
1. PROPOSED MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID - SEE DETAIL.
 2. PROPOSED 5' DIAMETER MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID, CONNECT TO EXISTING STORM SEWER.
 3. PROPOSED G-1 SPECIAL INLET WITH G-1 MANHOLE AND FRAME AND GRATE, NEENAH R-3246-AL OR SIMILAR - SEE DETAILS.
 4. PROPOSED G-1 SPECIAL DOUBLE INLETS WITH G-1 MANHOLE AND FRAME AND GRATE, NEENAH R-3246-AL OR SIMILAR - SEE DETAILS.
 5. EXISTING INLET AND INVERT TO REMAIN.
 6. CONTRACTOR TO VERIFY DEPTH OF 12" WATER MAIN WITH CITY WATER OFFICIALS PRIOR TO ORDERING STORM SEWER MATERIALS. WILL NOTIFY ENGINEER IF ELEVATION PROBLEM EXISTS.
 7. COMB. CURB AND GUTTER REMOVAL. SEE PROVISIONS FOR EXACT LOCATIONS.
 8. PROPOSED 5' DIAMETER MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID - SEE DETAIL.

PROFILE VIEW - PRO ST SEWER STREET
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



PROJECT TITLE

**CARL SANDBURG DRIVE
DRAINAGE IMPROVEMENTS**

- ISSUE RECORD -

NO.	DATE	DESCRIPTION

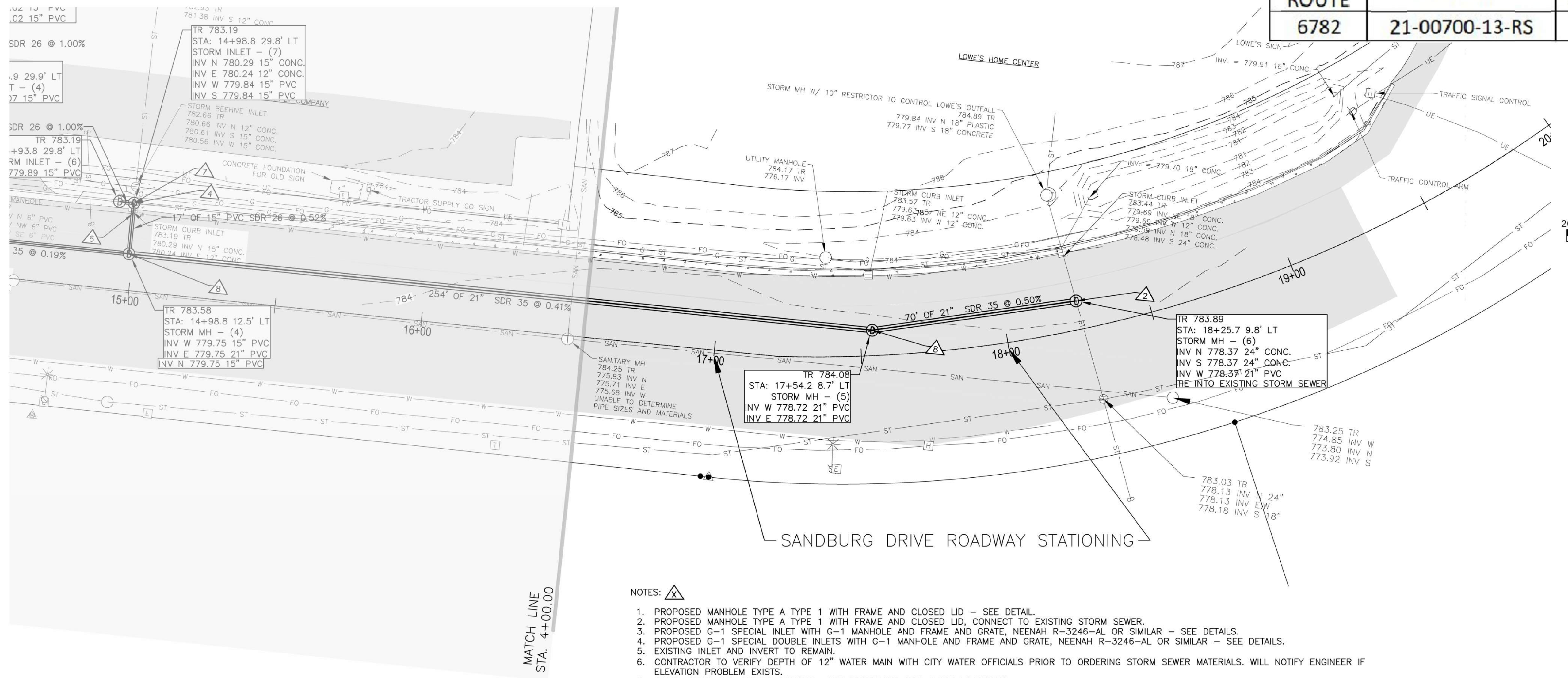
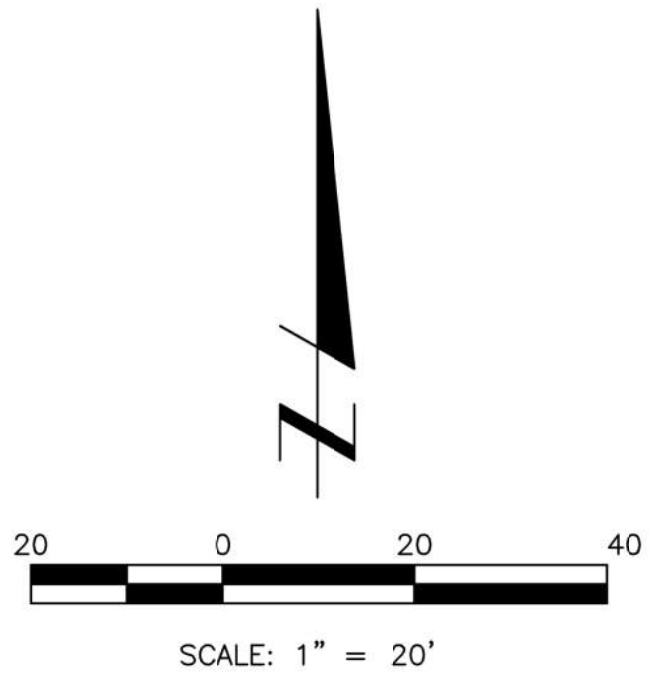
P PRELIMINARY
R REVISION
B BID DOCUMENTS
C FOR CONSTRUCTION
A RECORD DOCUMENTS

PLAN AND PROFILE

27

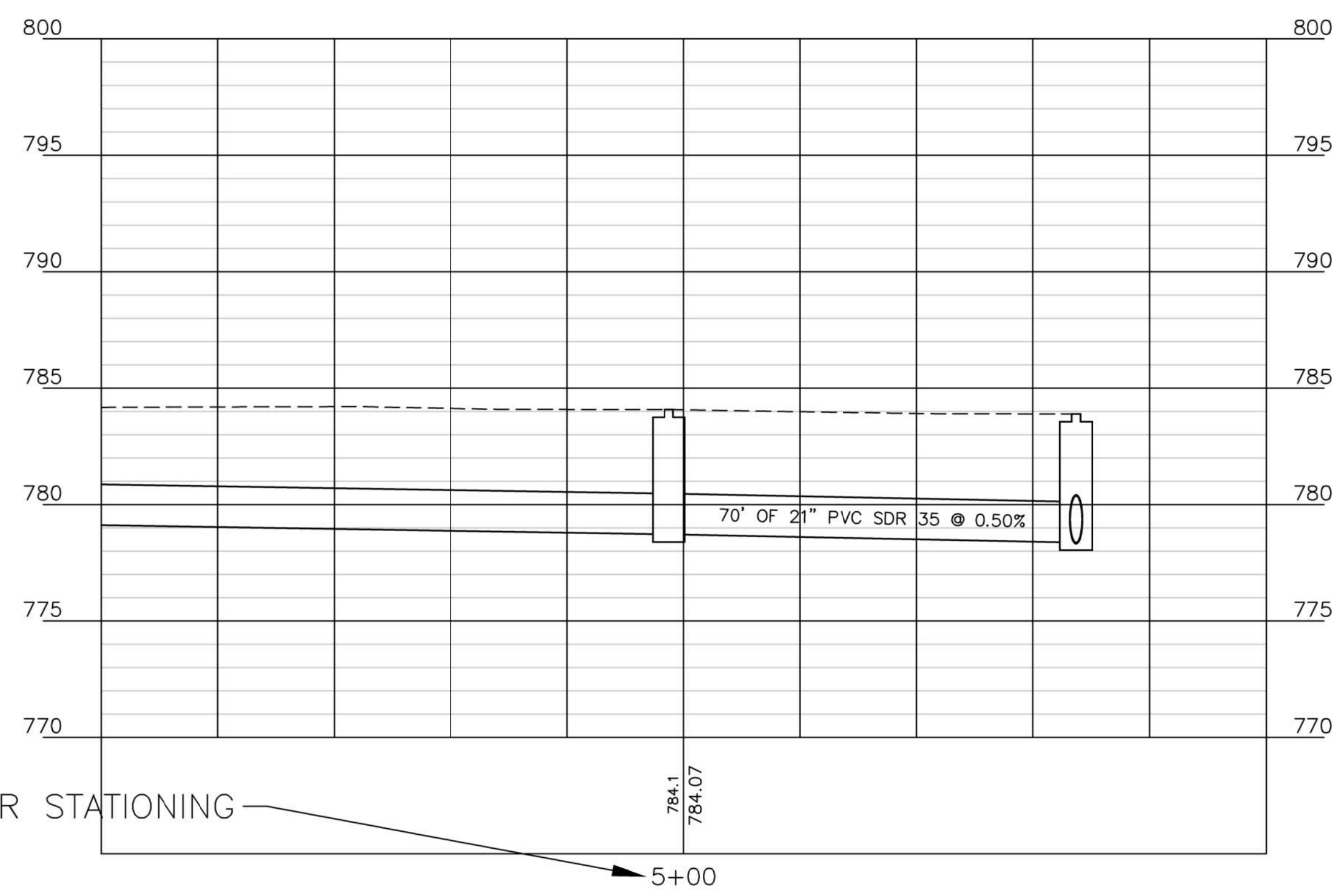


F.A.U. ROUTE	SECTION #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	35	28



- NOTES:
1. PROPOSED MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID - SEE DETAIL.
 2. PROPOSED MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID, CONNECT TO EXISTING STORM SEWER.
 3. PROPOSED G-1 SPECIAL INLET WITH G-1 MANHOLE AND FRAME AND GRATE, NEENAH R-3246-AL OR SIMILAR - SEE DETAILS.
 4. PROPOSED G-1 SPECIAL DOUBLE INLETS WITH G-1 MANHOLE AND FRAME AND GRATE, NEENAH R-3246-AL OR SIMILAR - SEE DETAILS.
 5. EXISTING INLET AND INVERT TO REMAIN.
 6. CONTRACTOR TO VERIFY DEPTH OF 12" WATER MAIN WITH CITY WATER OFFICIALS PRIOR TO ORDERING STORM SEWER MATERIALS. WILL NOTIFY ENGINEER IF ELEVATION PROBLEM EXISTS.
 7. COMB. CURB AND GUTTER REMOVAL. SEE PROVISIONS FOR EXACT LOCATIONS.
 8. PROPOSED 5' DIAMETER MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID - SEE DETAIL.

PROFILE VIEW OF Alignment - PRO ST SEWER STREET
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



STORM SEWER STATIONING

PROJECT TITLE

**CARL SANDBURG DRIVE
DRAINAGE IMPROVEMENTS**

- ISSUE RECORD -

NO.	DATE	DESCRIPTION

P PRELIMINARY
R REVISION
B BID DOCUMENTS
C FOR CONSTRUCTION
A RECORD DOCUMENTS

PLAN AND PROFILE

28

188 East Simmons Street
 Galesburg, Illinois 61401
 309.343.9282

308 North 3rd Street
 Burlington, Iowa 52601
 319.752.9282

835 Golden Valley Drive
 Bettendorf, Iowa 52722
 563.355.1856

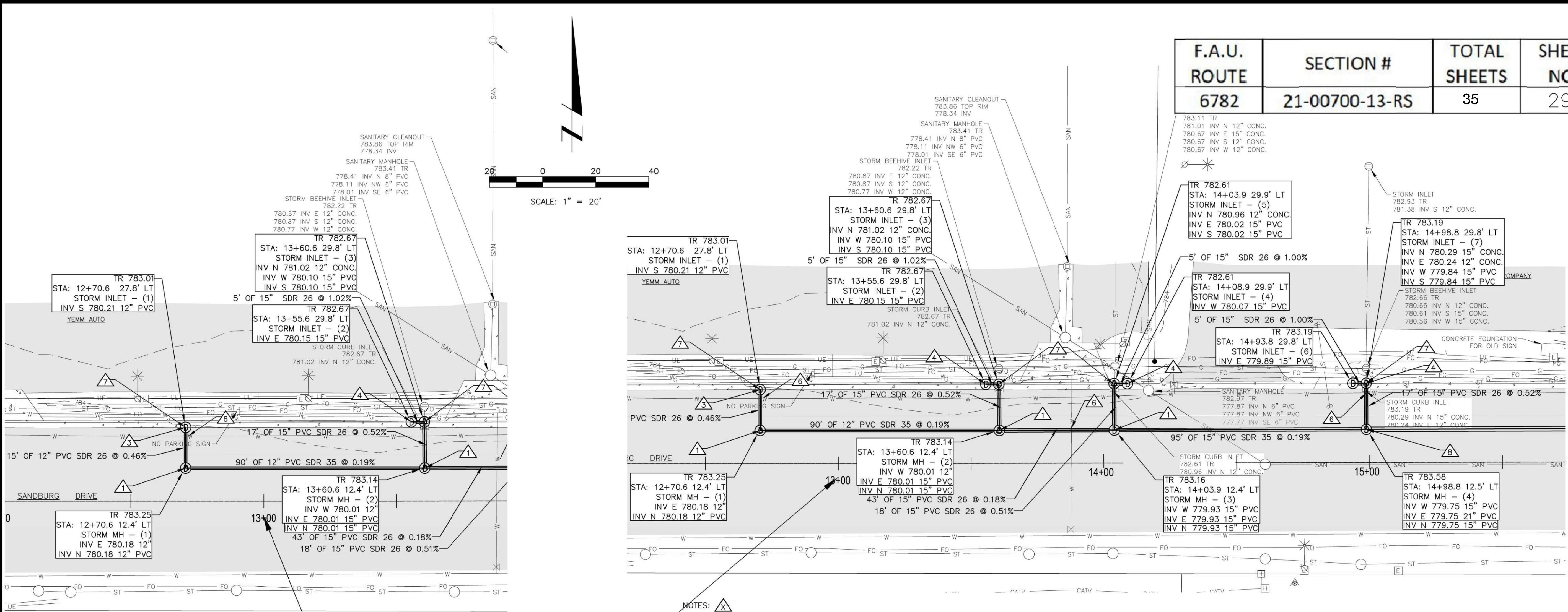
IL PROFESSIONAL DESIGN FIRM:
 LS / ARC / PE / SE 184002633-0015



WWW.BCZENGINEERING.COM

CITY OF GALESBURG
AARON GAVIN
 55 W TOMPKINS ST.
 GALESBURG, IL 61401
 PH#309/343-4181

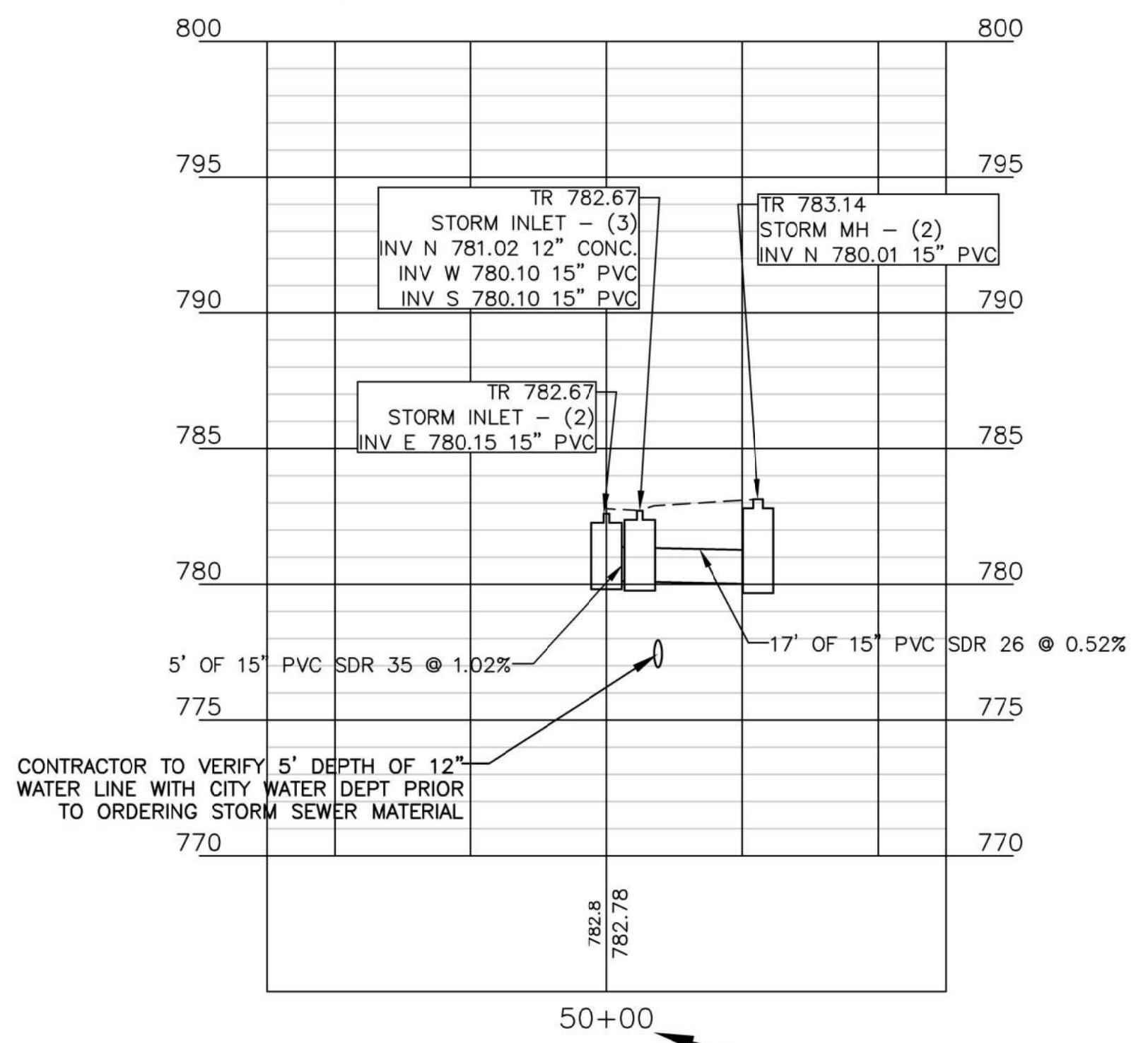
F.A.U. ROUTE	SECTION #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	35	29



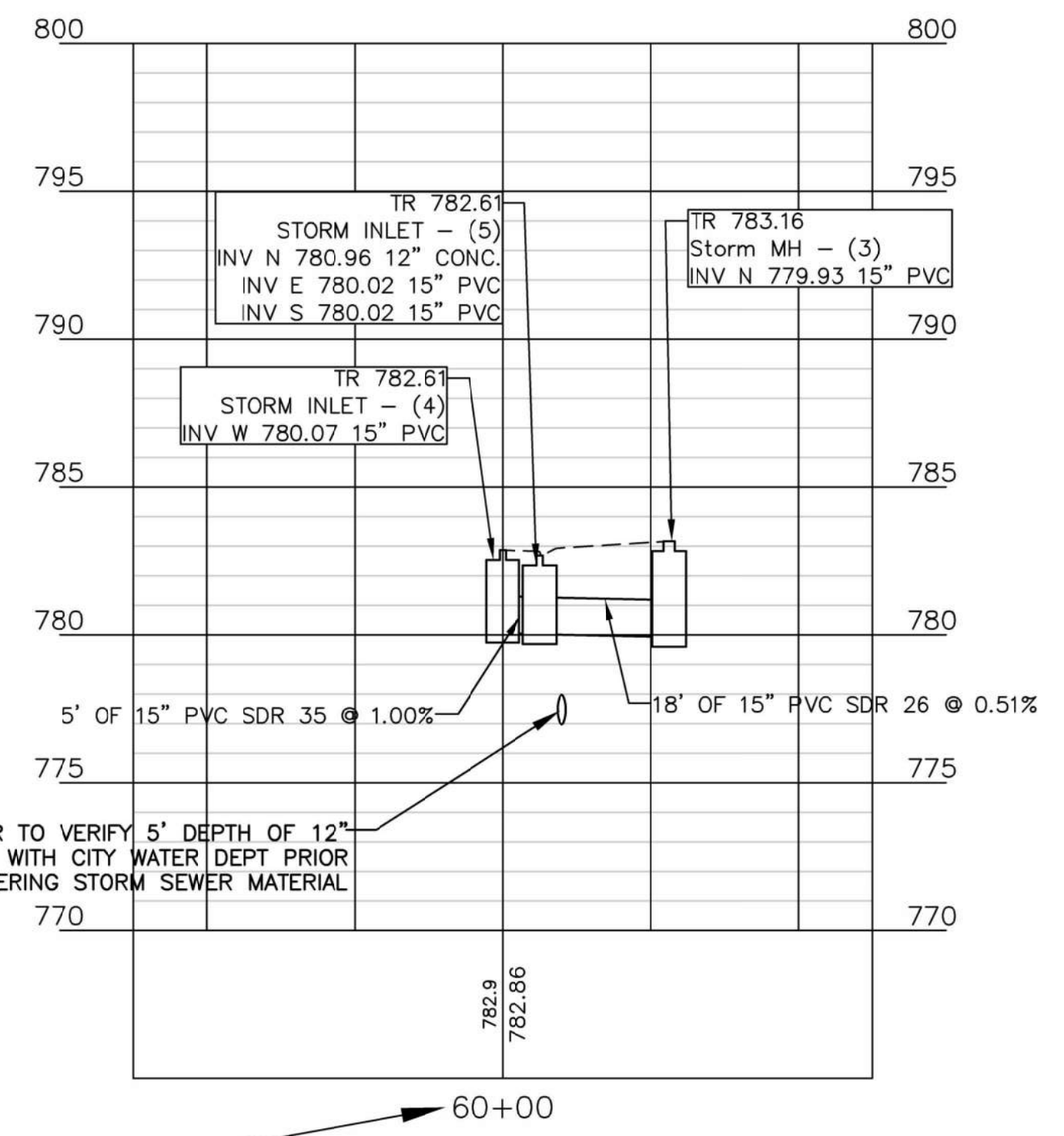
SANDBURG DRIVE ROADWAY STATIONING

- NOTES:
1. PROPOSED MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID - SEE DETAIL.
 2. PROPOSED MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID, CONNECT TO EXISTING STORM SEWER.
 3. PROPOSED G-1 SPECIAL INLET WITH G-1 MANHOLE AND FRAME AND GRATE, NEENAH R-3246-AL OR SIMILAR - SEE DETAILS.
 4. PROPOSED G-1 SPECIAL DOUBLE INLETS WITH G-1 MANHOLE AND FRAME AND GRATE, NEENAH R-3246-AL OR SIMILAR - SEE DETAILS.
 5. EXISTING INLET AND INVERT TO REMAIN.
 6. CONTRACTOR TO VERIFY DEPTH OF 12" WATER MAIN WITH CITY WATER OFFICIALS PRIOR TO ORDERING STORM SEWER MATERIALS. WILL NOTIFY ENGINEER IF ELEVATION PROBLEM EXISTS.
 7. COMB. CURB AND GUTTER REMOVAL. SEE PROVISIONS FOR EXACT LOCATIONS.
 8. PROPOSED 5' DIAMETER MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID - SEE DETAIL.

PROFILE VIEW OF Alignment - Yemm West Lateral
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF Alignment - Yemm East Lateral
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



STORM SEWER STATIONING

F:\025\PROJECTS\025065\CARL SANDBURG DRIVE STORM SEWER DESIGN\DRAWINGS\CIVIL\025065 DESIGN.DWG
 Tanner M. Wynn
 12/20/2025 2:58:44 PM

PROJECT TITLE
 CARL SANDBURG DRIVE
 DRAINAGE IMPROVEMENTS

ISSUE RECORD

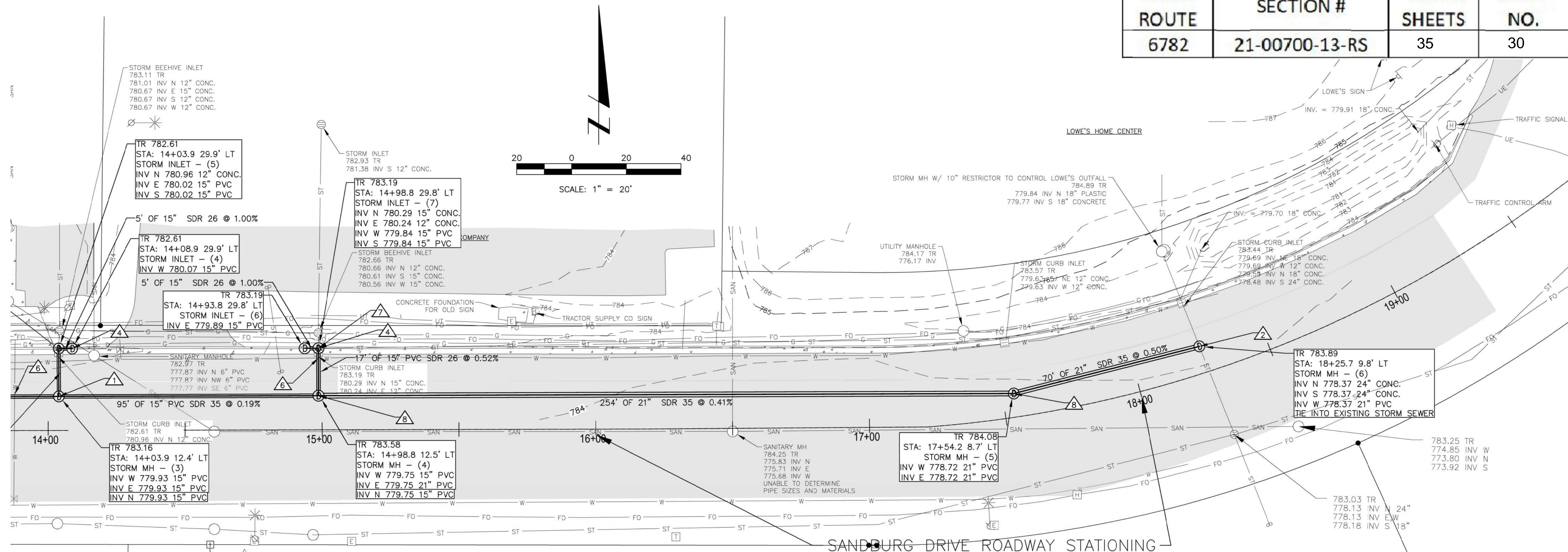
NO.	DATE	DESCRIPTION

P	PRELIMINARY
R	REVISION
B	BID DOCUMENTS
C	FOR CONSTRUCTION
A	RECORD DOCUMENTS

PLAN AND PROFILE



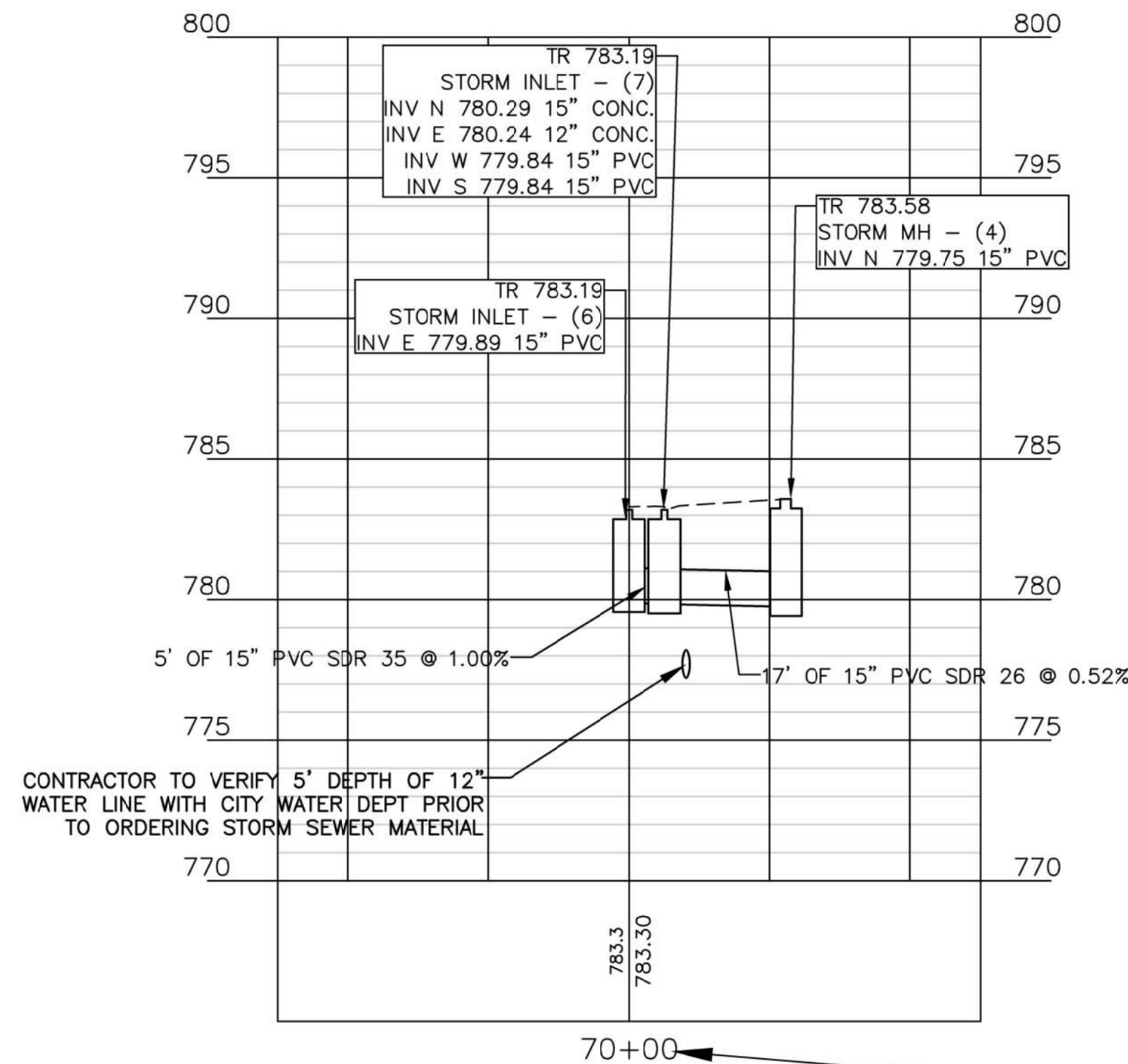
F.A.U. ROUTE	SECTION #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	35	30



NOTES:

1. PROPOSED MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID - SEE DETAIL.
2. PROPOSED MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID, CONNECT TO EXISTING STORM SEWER.
3. PROPOSED G-1 SPECIAL INLET WITH G-1 MANHOLE AND FRAME AND GRATE, NEENAH R-3246-AL OR SIMILAR - SEE DETAILS.
4. PROPOSED G-1 SPECIAL DOUBLE INLETS WITH G-1 MANHOLE AND FRAME AND GRATE, NEENAH R-3246-AL OR SIMILAR - SEE DETAILS.
5. EXISTING INLET AND INVERT TO REMAIN.
6. CONTRACTOR TO VERIFY DEPTH OF 12" WATER MAIN WITH CITY WATER OFFICIALS PRIOR TO ORDERING STORM SEWER MATERIALS. WILL NOTIFY ENGINEER IF ELEVATION PROBLEM EXISTS.
7. COMB. CURB AND GUTTER REMOVAL. SEE PROVISIONS FOR EXACT LOCATIONS.
8. PROPOSED 5' DIAMETER MANHOLE TYPE A TYPE 1 WITH FRAME AND CLOSED LID - SEE DETAIL.

PROFILE VIEW OF Alignment - TSC Lateral
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



CONTRACTOR TO VERIFY 5' DEPTH OF 12" WATER LINE WITH CITY WATER DEPT PRIOR TO ORDERING STORM SEWER MATERIAL

STORM SEWER STATIONING

PROJECT TITLE

CARL SANDBURG DRIVE DRAINAGE IMPROVEMENTS

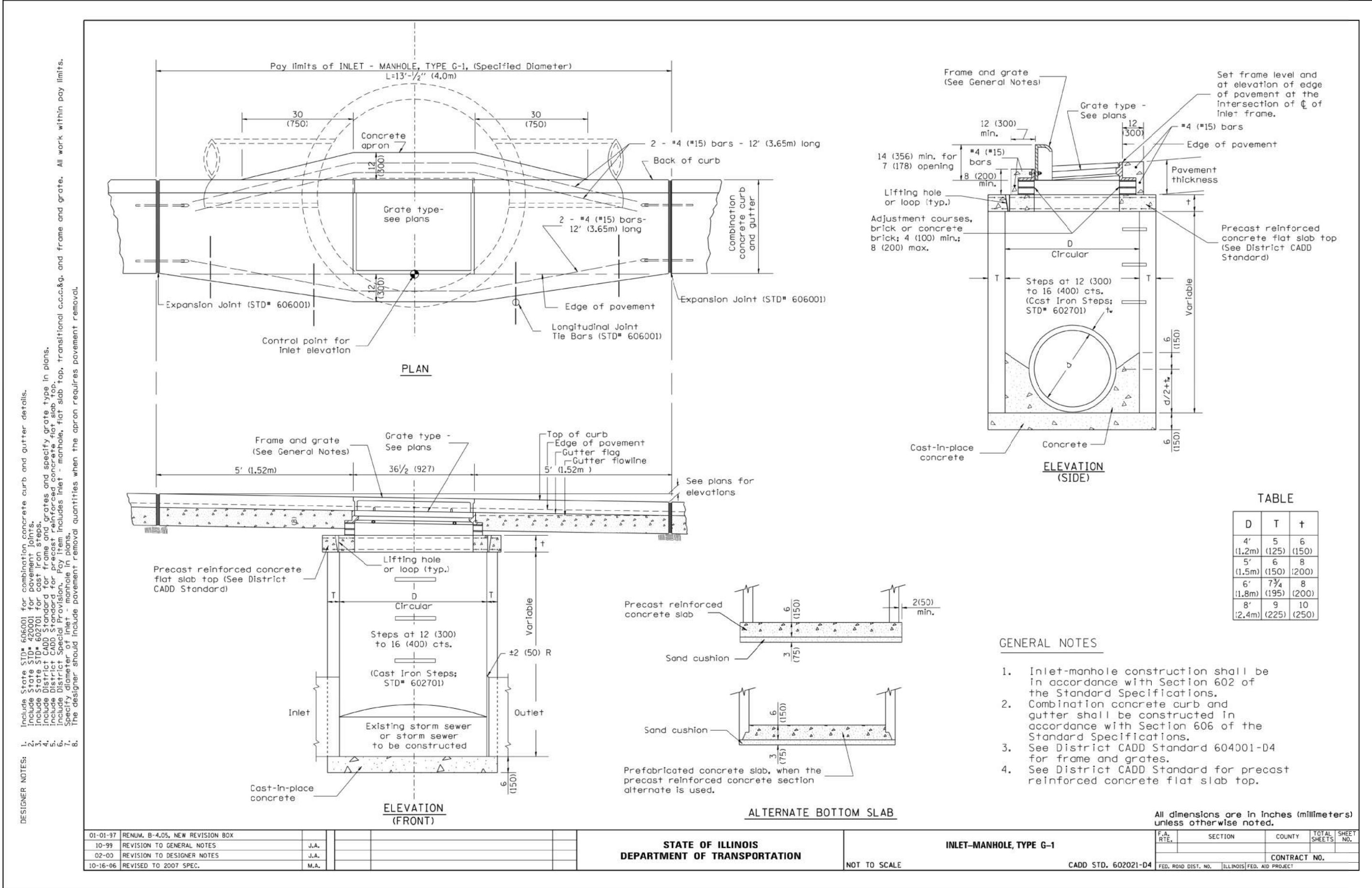
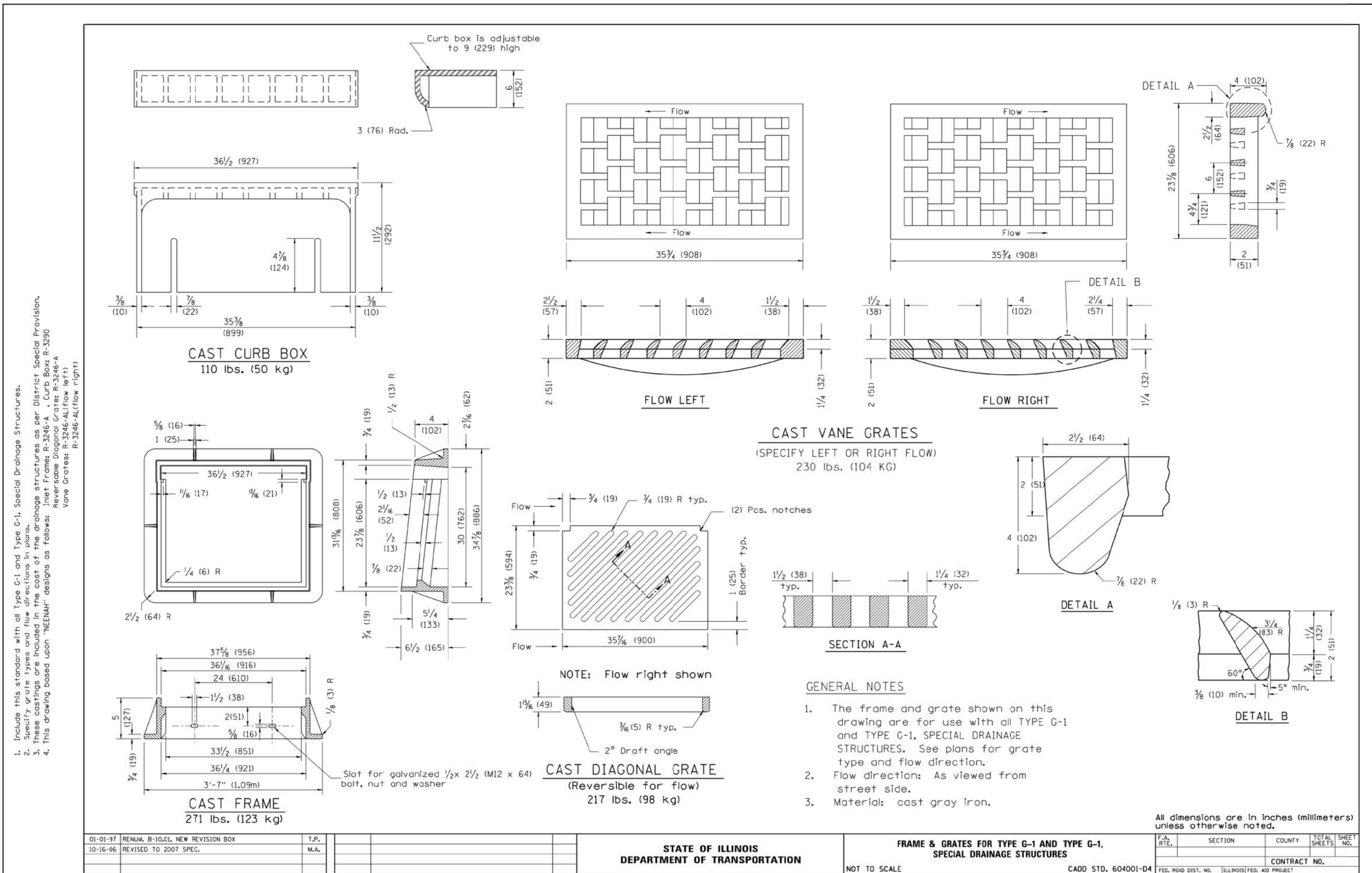
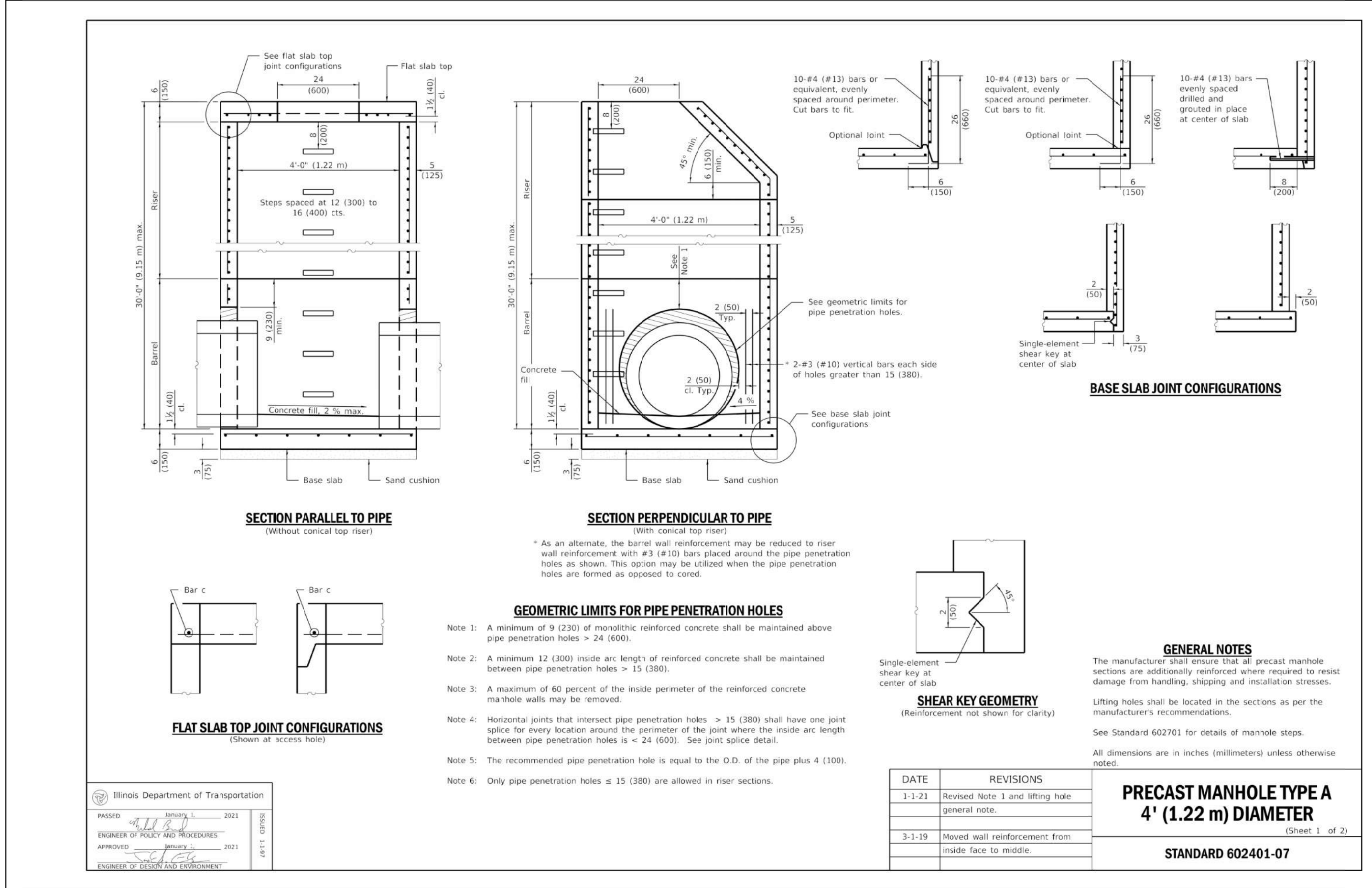
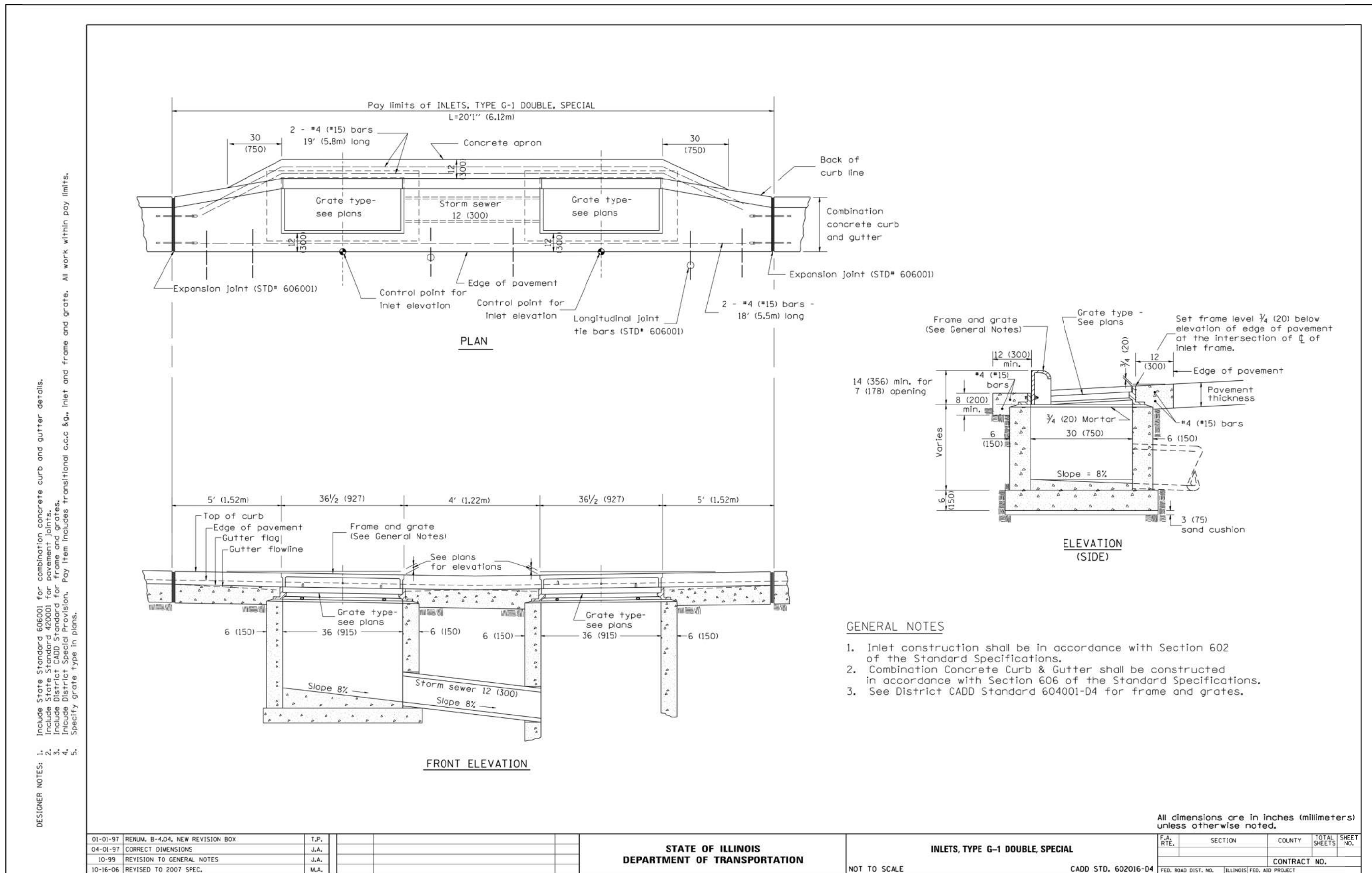
- ISSUE RECORD -

NO.	DATE	DESCRIPTION

NO.	DATE	DESCRIPTION
P		PRELIMINARY
R		REVISION
B		BID DOCUMENTS
C		FOR CONSTRUCTION RECORD DOCUMENTS
A		

PLAN AND PROFILE

30



188 East Simmons Street
 Galesburg, Illinois 61401
 309.343.9282

308 North 3rd Street
 Burlington, Iowa 52601
 319.752.9282

835 Golden Valley Drive
 Bettendorf, Iowa 52722
 563.355.1856

IL PROFESSIONAL DESIGN FIRM:
 LS / ARC / PE / SE 184002633-0015



WWW.BCZENGINEERING.COM

CITY OF GALESBURG
AARON GAVIN
 55 W TOMPKINS ST.
 GALESBURG, IL 61401
 PH#309/343-4181

PROJECT TITLE
CARL SANDBURG DRIVE
DRAINAGE IMPROVEMENTS

- ISSUE RECORD -

NO.	DATE	DESCRIPTION

P
 R
 B
 C
 A

PRELIMINARY
 REVISION
 BID DOCUMENTS
 FOR CONSTRUCTION
 RECORD DOCUMENTS

188 East Simmons Street
Galesburg, Illinois 61401
309.343.9282

308 North 3rd Street
Burlington, Iowa 52601
319.752.9282

835 Golden Valley Drive
Bettendorf, Iowa 52722
563.355.1856

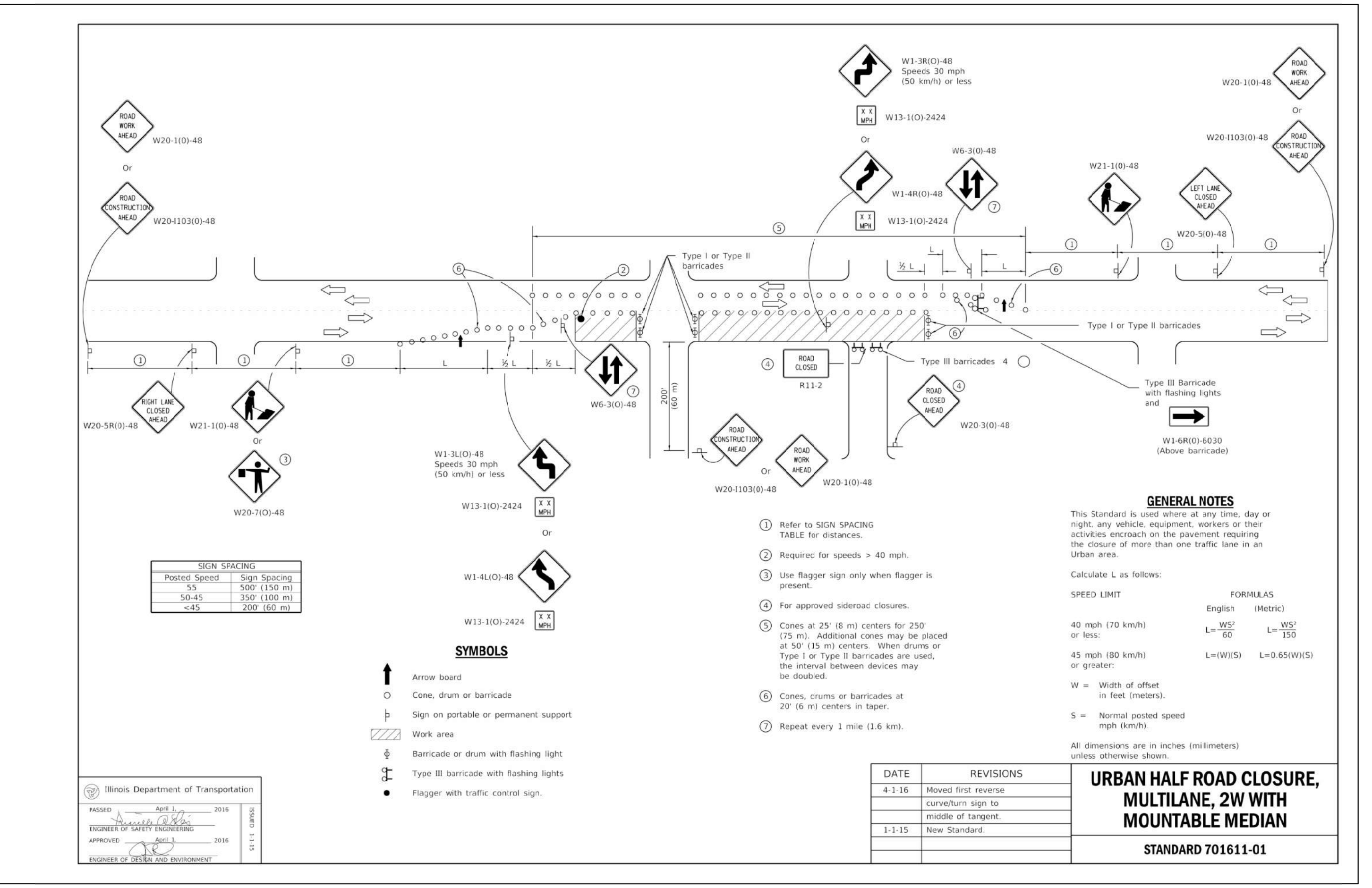
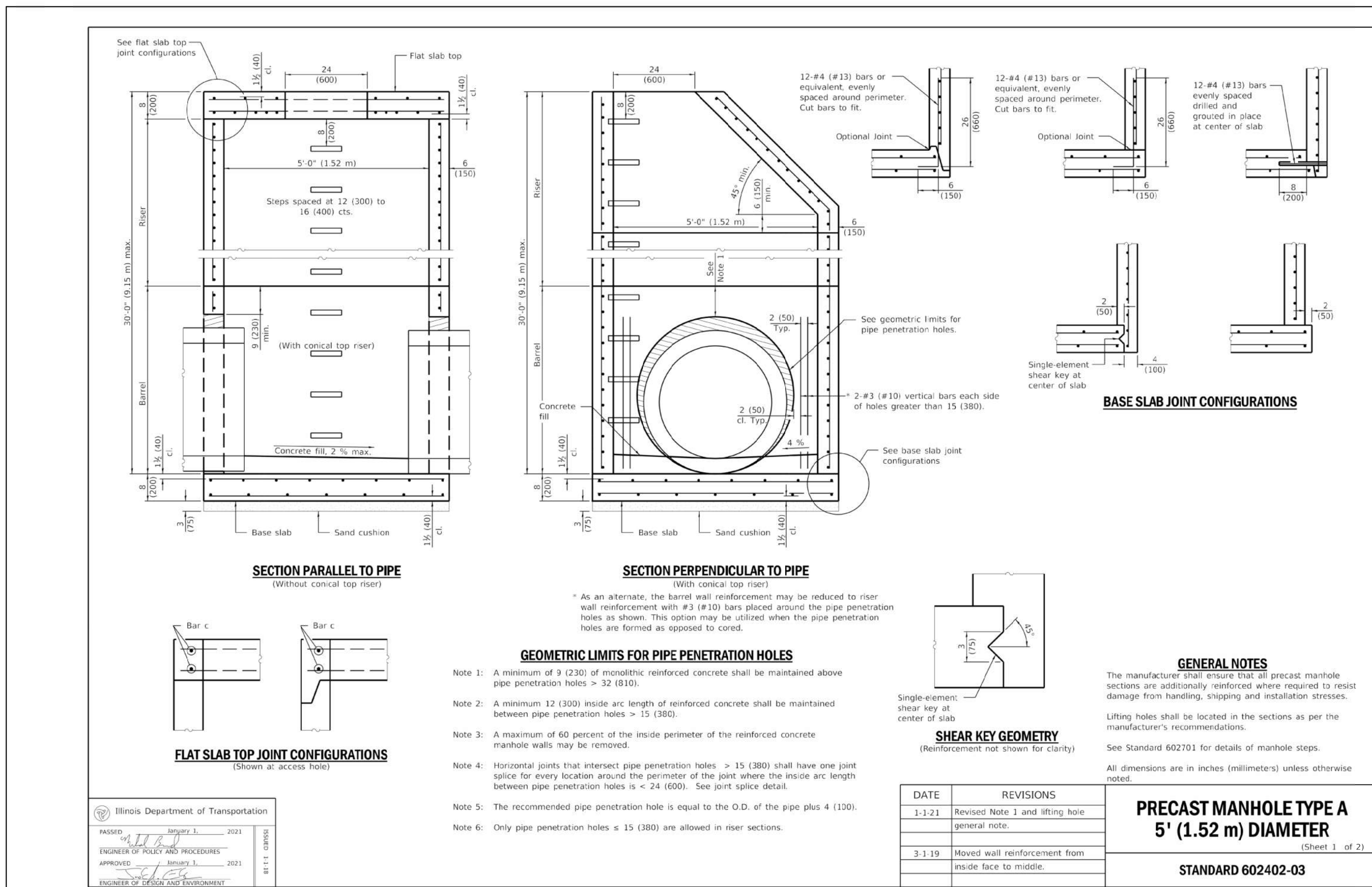
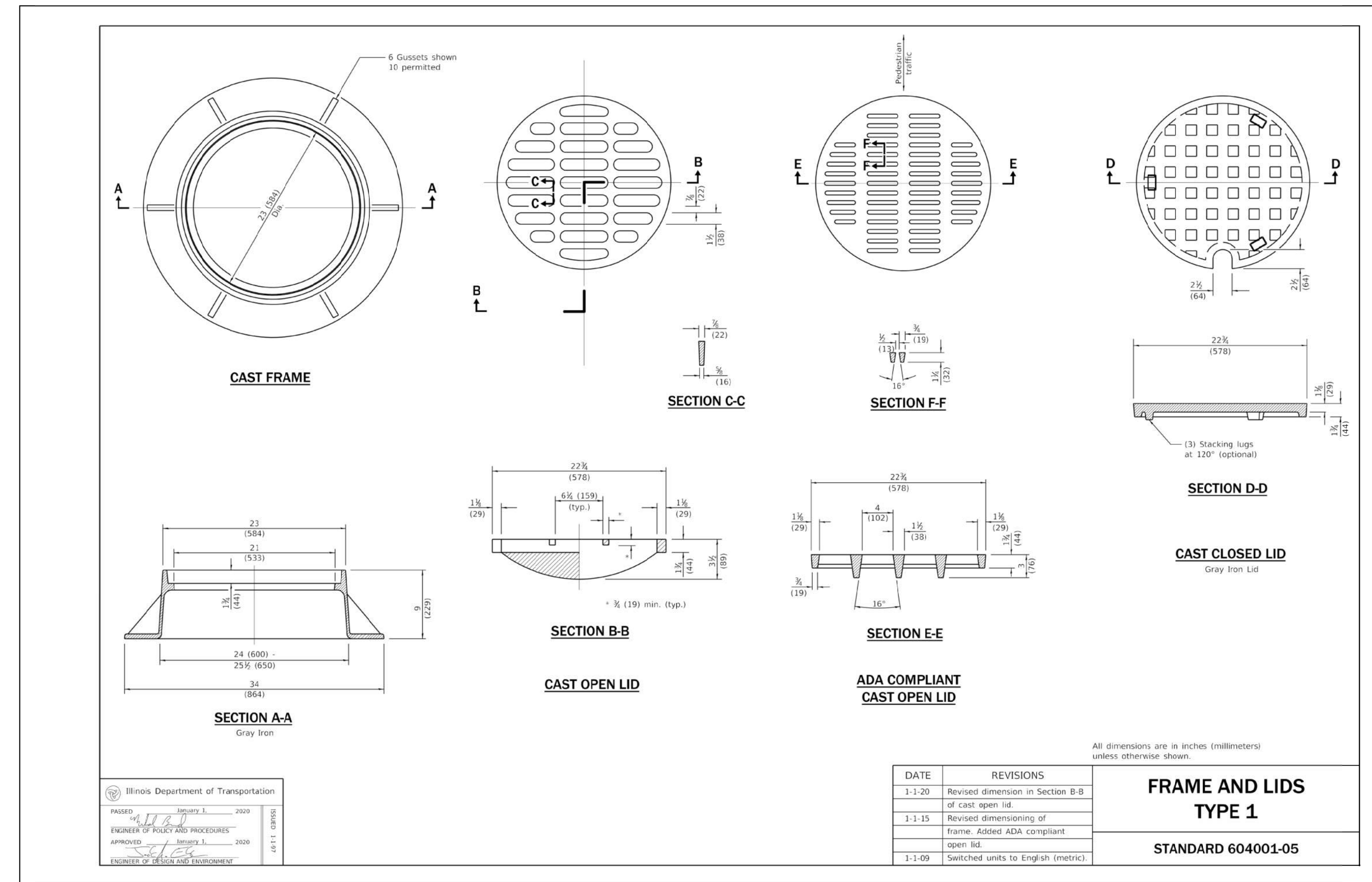
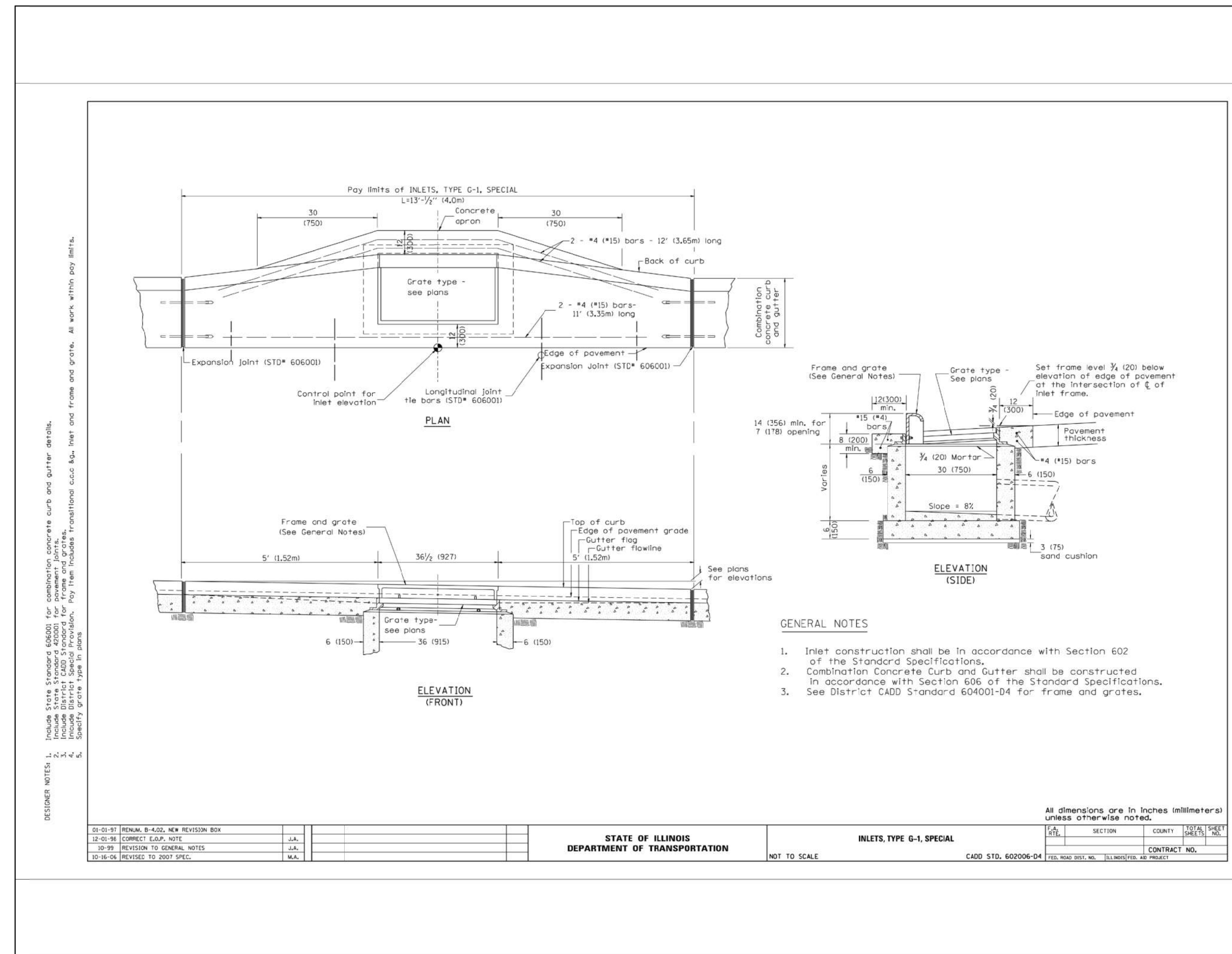
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / ARC / PE / SE 184002633-0015



WWW.BCZENGINEERING.COM

CITY OF GALESBURG
AARON GAVIN
55 W TOMPKINS ST.
GALESBURG, IL 61401
PH#309/343-4181

F.A.U. ROUTE	SECTION #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	35	32



12/30/2023 9:59:31 AM Tammer M. Wynn F:\093\PROJECTS\0925055 CARL SANDBURG DRIVE STORM SEWER DESIGN\DRAWINGS\PRODUCTION\DETAILS.DWG

PROJECT TITLE
CARL SANDBURG DRIVE
DRAINAGE IMPROVEMENTS

ISSUE RECORD

DATE	REVISIONS

P PRELIMINARY
R REVISION
B BID DOCUMENTS
C FOR CONSTRUCTION
A RECORD DOCUMENTS

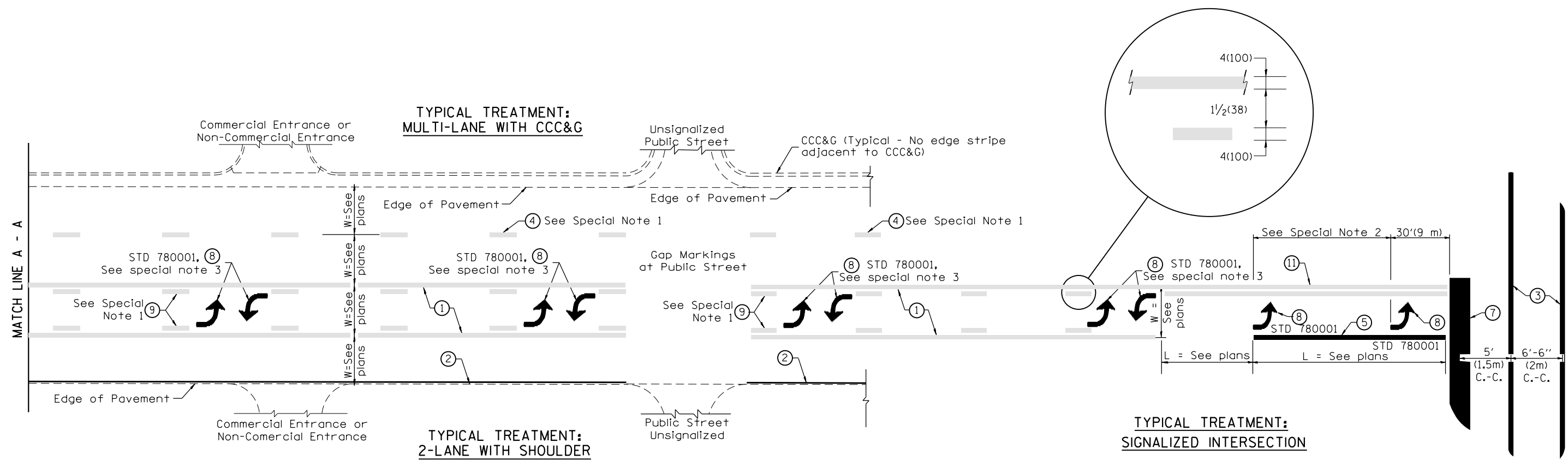
F.A.U. ROUTE	SECTION #	CONTRACT #	TOTAL SHEETS	SHEET NO.
6782	21-00700-13-RS	89827	35	33

STR NUM	STATION	OFFSET	TYPE	RIM ELEV	INVERT ELEV
MH-1	12+70.6	12.4' LT	MAN TA 4 DIA T1F CL	783.25	780.18
I-1	12+70.6	27.8' LT	INLETS TG-1 (SPL)	783.01	780.21
MH-2	13+60.6	12.4' LT	MAN TA 4 DIA T1F CL	783.14	780.01
I-2	13+55.6	29.8' LT	INLETS TG-1, DBL (SPL)	782.67	780.15
I-3	13+60.6	29.8' LT	INLETS TG-1, DBL (SPL)	782.67	780.10
MH-3	14+03.9	12.4' LT	MAN TA 4 DIA T1F CL	783.16	779.93
I-5	14+03.9	29.9' LT	INLETS TG-1, DBL (SPL)	782.61	780.02
I-4	14+08.9	29.9' LT	INLETS TG-1, DBL (SPL)	782.61	780.07
MH-4	14+98.8	12.5' LT	MAN TA 5 DIA T1F CL	783.58	779.75
I-6	14+93.8	29.8' LT	INLETS TG-1, DBL (SPL)	783.19	779.89
I-7	14+98.8	29.8' LT	INLETS TG-1, DBL (SPL)	783.19	779.84
MH-5	17+54.2	8.7' LT	MAN TA 5 DIA T1F CL	784.08	778.72
MH-6	18+25.7	9.8' LT	MAN TA 5 DIA T1F CL	783.89	778.37

NOTES: 1. I-2 & I-3 IS PAID FOR AS "INLETS TG-1 DBL (SPL)" 1.0 EACH
2. I-4 & I-5 IS PAID FOR AS "INLETS TG-1 (SPL)" 1.0 EACH
3. I-6 & I-7 IS PAID FOR AS "INLETS TG-1 DBL (SPL)" 1.0 EACH

PROPOSED DRAINAGE CHARTS
CARL SANDBURG DRIVE RESURFACING
SECTION # 21-00700-13-RS

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

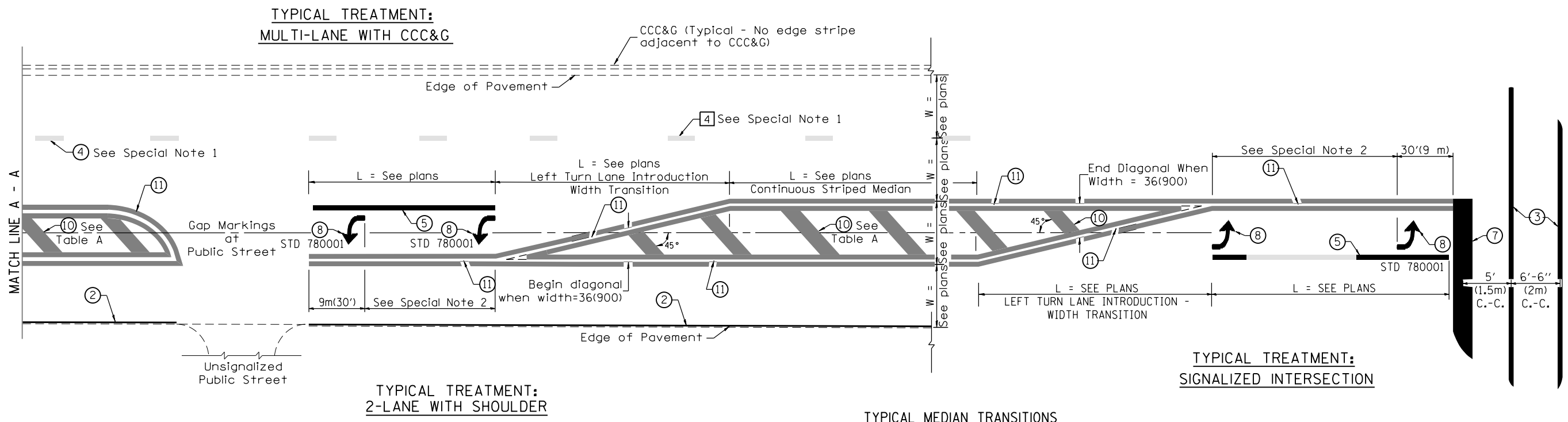
SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

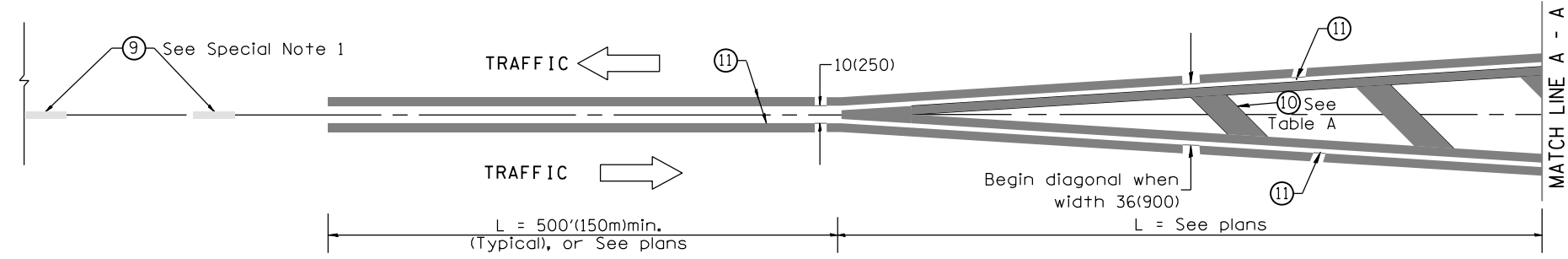
01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	NOT TO SCALE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.											35	34
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.											CONTRACT NO.	
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.											SHT. 1 OF 2 CADD STD. 780001-D4	
											ILLINOIS FED. AID PROJECT			



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

All dimensions are in inches (millimeters) unless otherwise noted.