

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	1
FEDERAL AID PROJECT		CONTRACT NO. 97588	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
FEDERAL AID PROJECT
VILLAGE OF SOUTH ROXANA
HERBERT ST., MISSOURI AVE., INDIANA AVE.,
MICHIGAN AVE. AND BILTMORE BLVD.
SIDEWALK IMPROVMENTS
VARIOUS ROUTES
SECTION 12-00003-00-SW
FEDERAL PROJECT NO. SRTS-4009 (138)
MADISON COUNTY
JOB NO.: C-98-337-12

FOR UTILITY LOCATION PURPOSES, THIS PROJECT IS LOCATED IN THE SOUTHWEST QUARTER OF SECTION 1, TOWNSHIP 4 NORTH, RANGE 9 WEST OF THE THIRD PRINCIPAL MERIDIAN.

AGENCIES KNOWN TO HAVE UNDERGROUND FACILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT ARE SHOWN BELOW (MEMBERS OF JULIE, PHONE (800) 892-0123, ARE INDICATED BY *).

- * CHARTER COMMUNICATIONS
4767 SIGNATURE INDUSTRIAL DRIVE
EDWARDSVILLE, IL 62025
(618) 307-5730
- * SOUTH ROXANA WATER DEPARTMENT
211 SINCLAIR AVENUE
P.O. BOX 505
SOUTH ROXANA, IL 62087
(618) 254-1166
WATER, STORM SEWER & SANITARY SEWER
- * AT&T COMMUNICATIONS
203 GOETHE
COLLINSVILLE, IL 62234
(618) 346-6400
- * AMEREN ILLINOIS
2600 N. CENTER STREET
MARYVILLE, IL 62082
(618) 346-1244 (GAS)
- * AMEREN ILLINOIS
700 OAKWOOD AVENUE
P.O. BOX 478
ALTON, IL 62002
(800) 325-7002 (ELECTRIC)

INDEX TO SHEETS

- 1 COVER SHEET
- 2 SUMMARY OF QUANTITIES, GENERAL NOTES, LEGEND & CONTROL POINTS
- 3 EXISTING TYPICAL SECTIONS
- 4 PROPOSED TYPICAL SECTIONS
- 5 SCHEDULES
- 6-8 PLAN
- 9-19 INTERSECTION DETAILS
- 20-21 DETAILS OF CONSTRUCTION



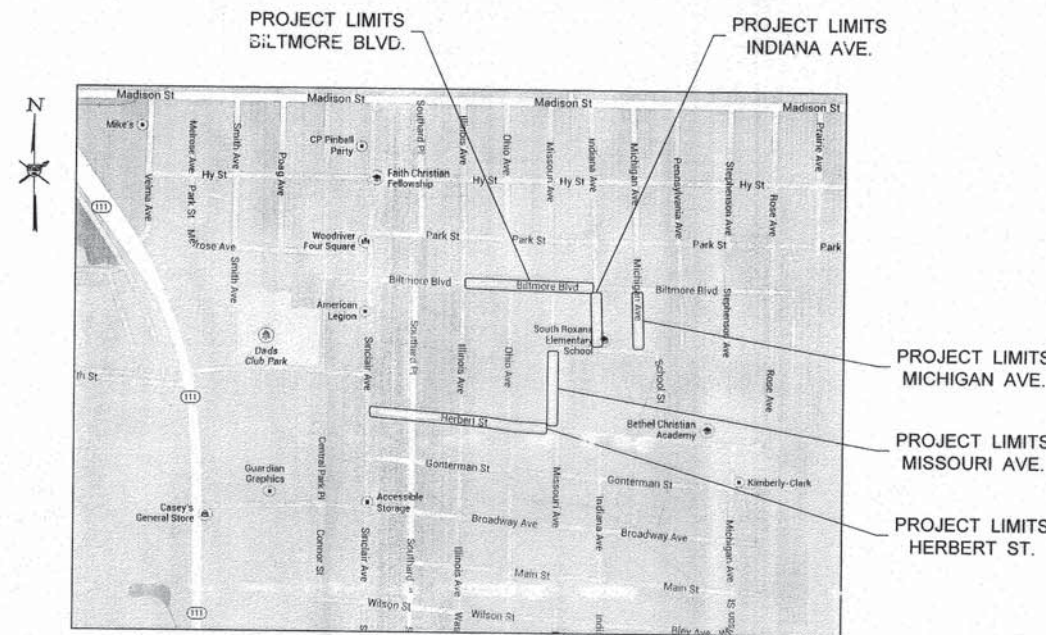
LOCATION OF SECTION INDICATED THIS:-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION - DIVISION OF HIGHWAYS	
APPROVED	20 15
VILLAGE OF SOUTH ROXANA, MAYOR	
PASSED	20 15
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS	
APPROVED	20 15
DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



DATE SIGNED 2/27/15
EXPIRATION DATE 11/30/15



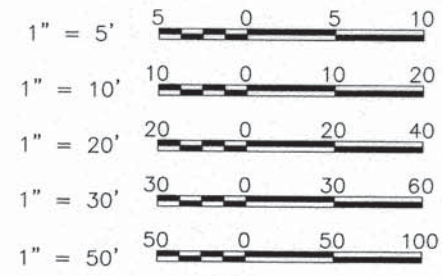
LOCATION MAP
NOT TO SCALE

- HERBERT ST. LENGTH = 1,351.54' (0.256 MILES)
- MISSOURI AVE. LENGTH = 541.50' (0.103 MILES)
- INDIANA AVE. LENGTH = 398.09' (0.075 MILES)
- MICHIGAN AVE. LENGTH = 415.61' (0.079 MILES)
- BILTMORE BLVD. LENGTH = 916.26' (0.173 MILES)
- LENGTH OF PROJECT = 3,623' (0.686 MILES)

HIGHWAY STANDARDS

SEE SHEET NO. 2

SCALES



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS THE ABOVE SCALES MAY BE USED.

- HERBERT ST. 2015 ADT = 580, 3.5% TRUCKS; POSTED / DESIGN SPEED = 20 M.P.H.
- MISSOURI AVE. 2015 ADT = 305, 10% TRUCKS; POSTED / DESIGN SPEED = 20 M.P.H.
- INDIANA AVE. 2015 ADT = 695, 0.7% TRUCKS; POSTED / DESIGN SPEED = 20 M.P.H.
- MICHIGAN AVE. 2015 ADT = 220, 2.3% TRUCKS; POSTED / DESIGN SPEED = 20 M.P.H.
- BILTMORE BLVD. 2015 ADT = 950, 3.2% TRUCKS; POSTED / DESIGN SPEED = 20 M.P.H.

SMS ENGINEERS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com
10 Central Industrial Drive, Granite City, IL 62040 618/977-5700 E-mail: mail@smsengineers.com

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012 AND THE SPECIAL PROVISIONS OF THE PROJECT CONTRACT.
- EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.
- ALL ELEVATIONS REFER TO NATIONAL GEODETIC SURVEY (N.G.S.) DATUM.
- PROPOSED ELEVATIONS SHOWN ON THE PLANS AS ± ARE APPROXIMATE. EXACT ELEVATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. IF APPLICABLE, ELEVATIONS SHALL BE DETERMINED PRIOR TO FABRICATION OF THE DRAINAGE STRUCTURES.
- FOR SIMPLICITY, STORM SEWER LENGTHS SHOWN ON THE PLANS ARE FROM CENTER TO CENTER OF STRUCTURES. ACTUAL PIPE REQUIRED WILL BE LESS. MEASUREMENT FOR PAYMENT PURPOSES SHALL BE ACCORDING TO ARTICLE 550.09 OF THE STANDARD SPECIFICATIONS.
- PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS WERE CALCULATED BASED ON USING 112 LBS. / SQ. YD. / IN.
- PLAN QUANTITIES FOR BITUMINOUS MATERIALS (PRIME COAT) WERE BASED ON USING 0.10 LBS./SQ. FT. FOR CONCRETE, H.M.A. AND OIL & CHIP SURFACES. AGGREGATE BASES SHALL BE PRIMED USING 0.25 LBS./SQ. FT.
- ALL PROPOSED STORM SEWERS SHALL BE REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE.
- THE QUANTITY SHOWN FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND AGGREGATE BASE REPAIR ARE ESTIMATES. THE ENGINEER SHALL DETERMINE ANY AREAS REQUIRING THESE MATERIALS ONCE THE HMA SURF. REM., 2" IS COMPLETED IN AN AREA.
- ALL PROPOSED PIPE CULVERTS SHALL BE PRECOATED GALVANIZED CORRUGATED STEEL PIPE.
- THE CONTRACTOR HAS THE OPTION OF USING CONCRETE OR HOT-MIX ASPHALT FOR THE BASE COURSE WIDENING 9". IF THE CONTRACTOR ELECTS TO USE HOT-MIX ASPHALT, THEN HE/SHE SHALL USE THE MIX DESIGN FOR BINDER.
- IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.

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12-00003-00-SW	MADISON	21	2
FEDERAL AID PROJECT		CONTRACT NO. 97588	

GENERAL LEGEND

- CENTERLINE OF PROPOSED IMPROVEMENT
- R.O.W. — EXISTING RIGHT-OF-WAY LINE
- R.O.W. — PROPOSED RIGHT-OF-WAY LINE
- T.C.E. — TEMPORARY CONSTRUCTION EASEMENT
- P — PROPERTY LINE
- S.L. — SECTION LINE
- 1/2 S.L. — 1/2 SECTION LINE
- I.P. IRON PIPE FOUND
- I.P. IRON PIPE SET
- MON. MONUMENT FOUND
- PROPOSED R.O.W. MONUMENT
- x — x — x — FENCE
- - - - EDGE OF EXISTING FEATURES
- - - - CONSTRUCTION LIMITS
- - - - EXISTING DITCH
- ⊕ UTILITY POLE
- ⊕ ↓ UTILITY POLE W/ DOWN GUY
- ⊕ LIGHT POLE
- ⊕ GAS METER
- ⊕ WATER METER
- ⊕ FIRE HYDRANT
- ⊕ WATER OR GAS VALVE
- ⊕ TELEPHONE PEDESTAL
- ⊕ EXISTING SIGN
- ⊕ PROPOSED SIGN
- ⊕ MB MAIL BOX
- ⊕ EXISTING MANHOLE
- ⊕ CONTROL POINT
- EXISTING INLET
- == EXISTING PIPE CULVERT
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING WATER LINE
- EXISTING GAS LINE
- EXISTING TELEPHONE LINE
- EXISTING FIBER OPTIC CABLE
- EXISTING ELECTRIC CABLE
- EXISTING PIPE LINE
- ▨ SIDEWALK TO BE REMOVED
- ⊕ 18" 18" TREE
- ⊕ SOIL BORING LOCATION
- PROPOSED DITCH
- ⊕ PROPOSED MANHOLE
- ⊕ PROPOSED INLET
- PROPOSED STORM SEWER
- ⊕ PROPOSED INLET / PIPE PROTECTION
- PROPOSED PERIMETER EROSION BARRIER
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- PROPOSED DEPRESSED CURB
- ▨ PROPOSED HOT-MIX- ASPHALT SURFACING
- ▨ PROPOSED DETECTABLE WARNING

SUMMARY OF QUANTITIES

CODE NO.	CONSTRUCTION TYPE CODE ITEM	SIDEWALK	
		UNIT	TOTAL QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	210
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5
20800150	TRENCH BACKFILL	CU YD	25
21400100	GRADING AND SHAPING DITCHES	FOOT	372
28100105	STONE RIPRAP, CLASS A3	SQ YD	3
35650400	BASE COURSE WIDENING 9"	SQ YD	29
35800200	AGGREGATE BASE REPAIR	TON	10
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	83
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,376
40600990	TEMPORARY RAMP	SQ YD	94
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	69
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	13
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	37
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	12,436
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	842
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	490
42400800	DETECTABLE WARNINGS	SQ FT	172
44000100	PAVEMENT REMOVAL	SQ YD	129
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	508
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	202
44000400	GUTTER REMOVAL	FOOT	81
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6
44000600	SIDEWALK REMOVAL	SQ FT	4,406
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	14
50102400	CONCRETE REMOVAL	CU YD	1.6
50105220	PIPE CULVERT REMOVAL	FOOT	96
542D0213	PIPE CULVERTS, CLASS D, TYPE 1 8"	FOOT	20
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	145
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	8
542D5473	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	55
54213680	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1
54248510	CONCRETE COLLAR	CU YD	0.3
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	74
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	18
60262700	INLETS TO BE RECONSTRUCTED	EACH	1
60402210	GRATES, TYPE 8	EACH	1
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	163
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	6
67100100	MOBILIZATION	L SUM	1
70300280	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	454
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	74
72000100	SIGN PANEL-TYPE 1	SQ FT	166
72300100	INSTALL EXISTING SIGN PANEL	SQ FT	43
72900200	METAL POST - TYPE B	FOOT	444
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	490
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	95
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	121
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1
X5420612	PIPE CULVERTS TO BE CLEANED 12"	FOOT	29
X6024242	INLETS, SPECIAL, NO.1	EACH	1
X6024244	INLETS, SPECIAL, NO.2	EACH	1
X6024246	INLETS, SPECIAL, NO.3	EACH	1
X6024248	INLETS, SPECIAL, NO.4	EACH	1
X6063000	CONCRETE GUTTER, TYPE B (SPECIAL)	FOOT	81
X6840304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	43
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
XX001186	PLANTER REMOVAL EACH	EACH	5

* SPECIALTY ITEM

COMMITMENTS

NONE

HIGHWAY STANDARDS

280001-07	604036-03
424001-08	606001-06
424006-02	664001-02
424011-02	701301-04
424016-02	701501-06
424021-03	701801-05
424026-01	701901-04
424031-01	720001-01
442201-03	720006-04
542301-03	720011-01
602306-03	729001-01
602601-03	780001-05
602701-02	

MIX DESIGNS

MIXTURE USE AC/PG RAP% (MAX.) DESIGN AIR VOIDS MIX COMPOSITION FRICTION AGG.	SURFACE (INCIDENTAL HMA SURF.) PG 64-22 10% 4.0% NDES=70 ---
MIXTURE USE AC/PG RAP% (MAX.) DESIGN AIR VOIDS MIX COMPOSITION FRICTION AGG.	BINDER (INCIDENTAL HMA SURF.) PG 64-22 10% 4.0% NDES=70 IL-4.75 MIX C
MIXTURE USE AC/PG RAP% (MAX.) DESIGN AIR VOIDS MIX COMPOSITION FRICTION AGG.	BINDER (BASE COURSE WIDENING 9") AND (CLASS D PATCHES) PG 64-22 15% 4.0% NDES=70 IL-19.0 ---

ABBREVIATIONS

- T.C. - TOP OF CURB
- E.P. - EDGE OF PAVEMENT
- F.L. - FLOW LINE
- F. & G. - FRAME AND GRATE
- O.L. - OPEN LID
- C.L. - CLOSED LID
- SS1 - STORM SEWER TYPE 1
- T.B. - TRENCH BACKFILL
- C - EARTH EXCAVATION QUANTITY SHOWN ON CROSS SECTIONS
- F - EMBANKMENT QUANTITY SHOWN ON CROSS SECTIONS

SURVEY CONTROL POINTS

CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #1000	787,632.7310	2,327,985.3380	440.85	
CP #1001	787,215.5220	2,328,009.8050	441.44	
CP #1002	787,642.5380	2,327,663.7600	440.54	
CP #1003	787,453.3460	2,327,672.7210	440.64	
CP #1004	787,213.7250	2,327,679.0670	441.29	
CP #1005	787,657.3580	2,327,374.0590	439.70	
CP #1006	787,654.8250	2,327,088.4910	440.05	
CP #1009	786,659.7930	2,327,455.4150	439.66	
CP #1010	786,676.7830	2,327,105.4050	439.63	
CP #1011	786,683.6170	2,326,678.1190	439.80	
CP #1012	786,742.2250	2,326,325.7730	439.74	
CP #2852	787,657.2237	2,326,734.9318	440.47	
CP #3196	787,168.5428	2,327,365.7460	440.14	

REVISIONS

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600 General Business Bldg., Suite 2, Geneva City, IL 60136 618/777-6700 Email: mail@smsengineers.com
DESIGN FIRM # 184-000992

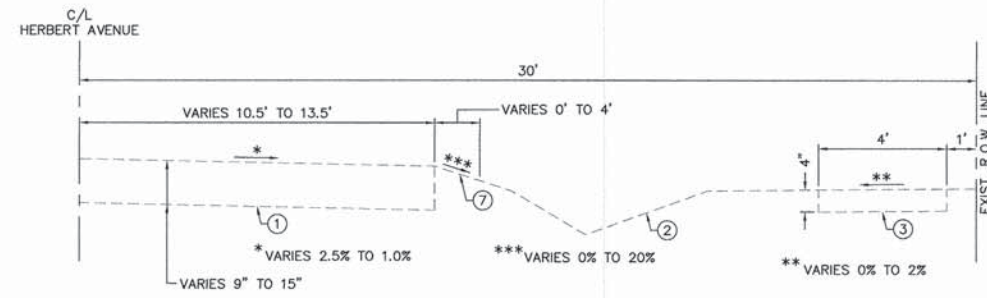
VILLAGE OF SOUTH ROXANA
SIDEWALK IMPROVEMENTS
SECTION 12-00003-00-SW
GENERAL NOTES, SUMMARY OF QUANTITIES, HIGHWAY STANDARDS,
MIX DESIGNS, LEGEND & CONTROL POINTS

DWG. NO.
GENERAL NOTES.DWG
REF. BK. PG.
JOB NO. 478227.0
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CHK. BY: LDA
DATE: FEBRUARY, 2015
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SHEET 2 OF 21

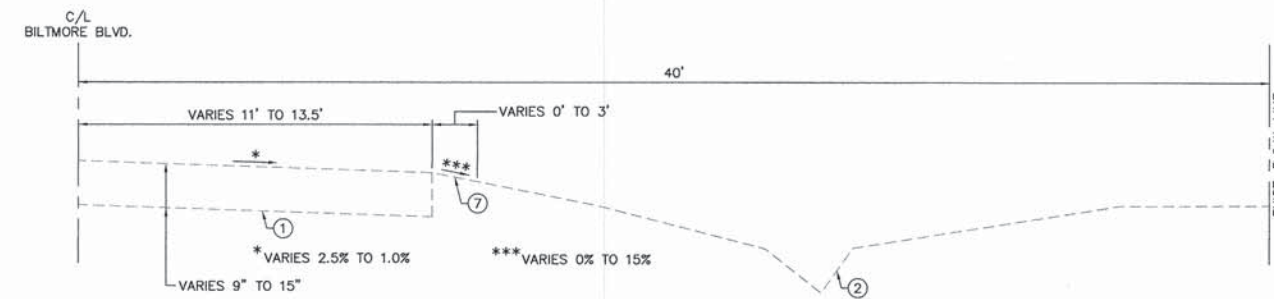
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LEGEND

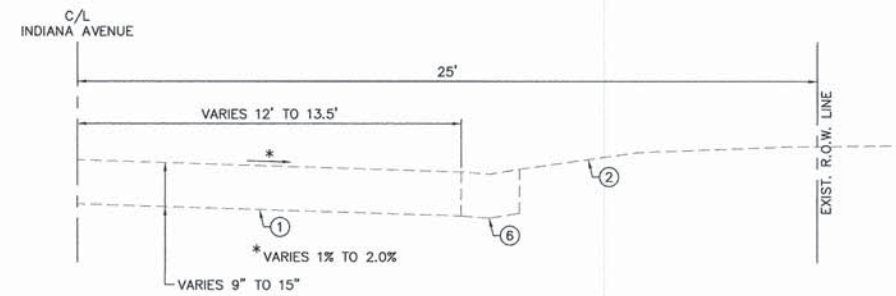
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- ② EXIST. GROUND LINE
- ③ EXIST. CONCRETE SIDEWALK
- ④ PROP. P.C.C. SIDEWALK 4 INCH
- ⑤ PROP. SIDEWALK REMOVAL
- ⑥ EXIST. CONCRETE GUTTER
- ⑦ EXIST. EARTH/AGGREGATE SHOULDER



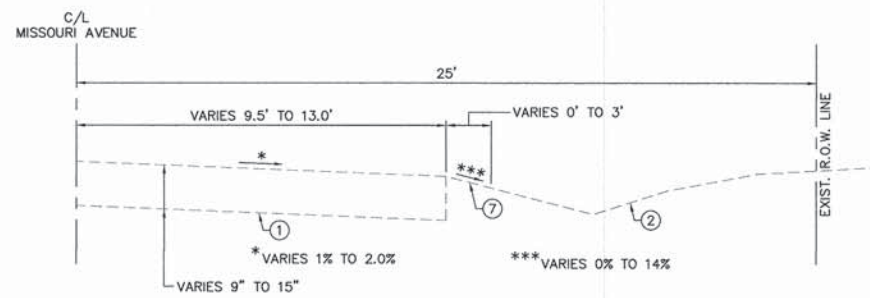
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NOT TO SCALE
TO BE USED: STA. 0+23.46 TO STA. 13+21.59



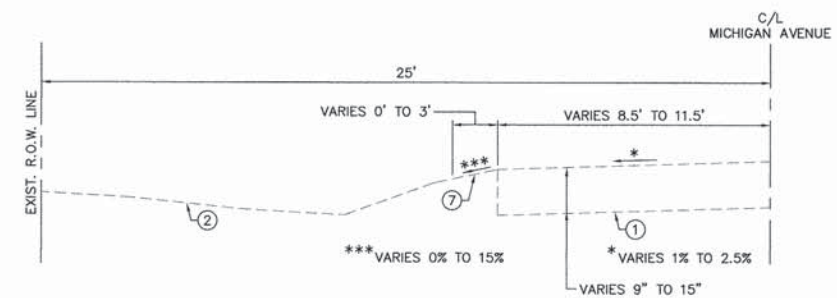
EXISTING TYPICAL SECTION
NOT TO SCALE
TO BE USED: STA. 0+00 TO STA. 9+16.26



EXISTING TYPICAL SECTION
NOT TO SCALE
TO BE USED: STA. 0+09.91 TO STA. 4+08



EXISTING TYPICAL SECTION
NOT TO SCALE
TO BE USED: STA. 0+00 TO STA. 5+41.50



EXISTING TYPICAL SECTION
NOT TO SCALE
TO BE USED: STA. 0-3.8 TO STA. 4+11.81

REVISIONS

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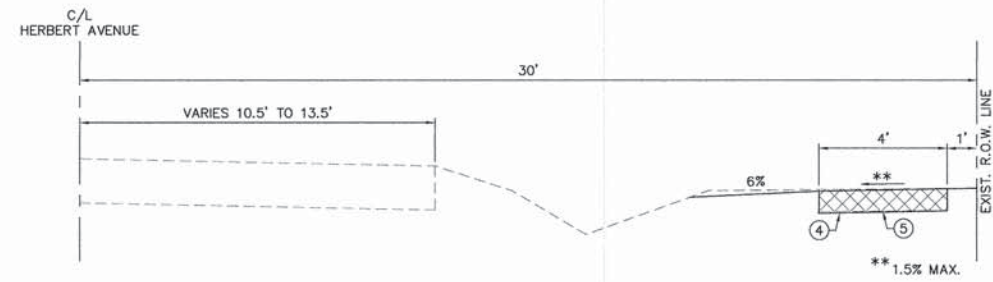
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SIDEWALK IMPROVEMENTS
SECTION 12-00003-00-SW
EXISTING TYPICAL SECTIONS

DWG. NO.	TYPICAL SECTIONS.DWG
REF. BY	PC
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	NOT TO SCALE
SHEET	3 OF 21

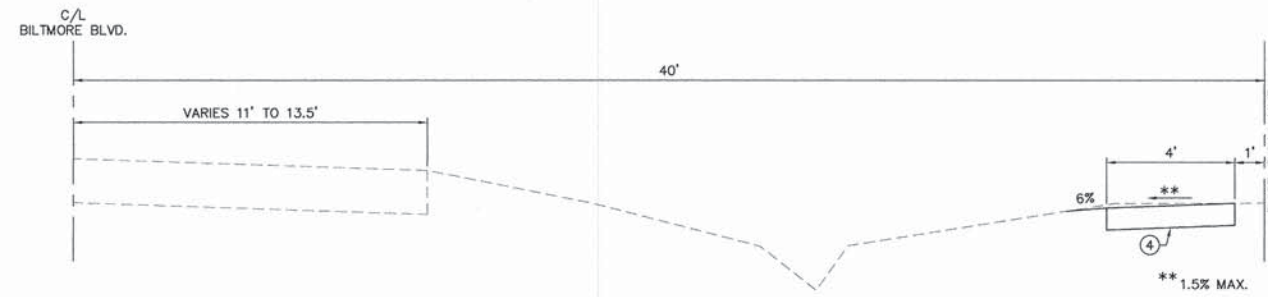
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LEGEND

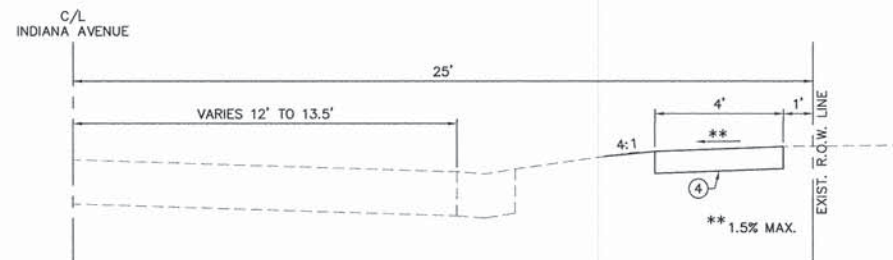
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- ④ PROP. P.C.C. SIDEWALK 4 INCH
- ⑤ PROP. SIDEWALK REMOVAL
- ⑥ EXIST. CONCRETE GUTTER
- ⑦ EXIST. EARTH/AGGREGATE SHOULDER



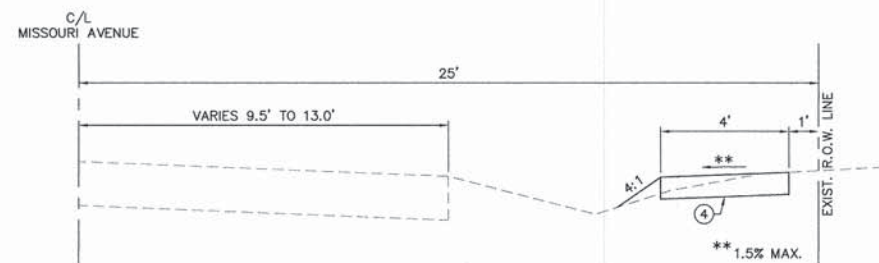
PROPOSED TYPICAL SECTION
NOT TO SCALE
TO BE USED: STA. 0+23.46 TO STA. 13+21.59



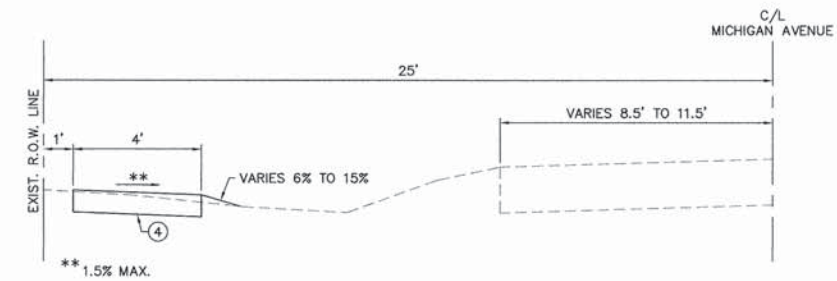
PROPOSED TYPICAL SECTION
NOT TO SCALE
TO BE USED: STA. 0+00 TO STA. 9+16.26



PROPOSED TYPICAL SECTION
NOT TO SCALE
TO BE USED: STA. 0+09.91 TO STA. 4+08



PROPOSED TYPICAL SECTION
NOT TO SCALE
TO BE USED: STA. 0+00 TO STA. 5+41.50



PROPOSED TYPICAL SECTION
NOT TO SCALE
TO BE USED: STA. 0-3.8 TO STA. 4+11.81

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DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
SIDEWALK IMPROVEMENTS
SECTION 12-00003-00-SW
PROPOSED TYPICAL SECTIONS

DWG. NO.	TYPICAL SECTIONS.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	NOT TO SCALE
SHEET	4 OF 21

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	5
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REMOVAL SCHEDULE

LOCATION (STA.)	PAVEMENT REMOVAL (SQ. YD.)	BASE COURSE WIDENING 9" (SQ. YD.)	DRIVEWAY PAVEMENT REMOVAL (SQ. YD.)	GUTTER REMOVAL (FOOT)	C. C. & G. REMOVAL (FOOT)	PLANTER REMOVAL (EACH)	REMOVE EXIST F.E.SEC. (SQ. FT.)	CONCRETE REMOVAL (CU. YD.)
BILTMORE BLVD.								
11.09' LT. 3+90 TO 11.29' LT. 4+05.74	1.8	1.8						
RT. 3+88.50 TO 4+06.77	2.0	2.0						
RT. 4+12.40 TO 4+20.83			3.7					
RT. 5+65.99 TO 5+81.87			15.0					
RT. 9+14.50 TO 9+18.29				16.0				
RT. 9+41.74 TO 9+44.70				18.0				
RT. 8+81 TO 9+11						1.0		
HERBERT ST.								
RT. 0+22.66 TO 0+27.34					5.6			
MISSOURI AVE.								
RT. 3+81 TO 5+42.77	117.0	18.4						
RT. 3+97.20 TO 4+43.19			41.1					
RT. 4+75.65 TO 5+27.21			41.6					
RT. 3+38.97 TO 3+46.66							0.9	
RT. 3+72.86 TO 3+80.88							0.7	
RT. 4+77.30 TO 4+83.30							1.0	
INDIANA AVE.								
AT SCHOOL ST.	2.0	2.0						
RT. 0+84.86 TO 0+96.86			10.0					
RT. 1+65.88 TO 1+87.38			16.0					
RT. 0+09.91 TO 0+15.69				17.0				
RT. 1+43 TO 1+67						1.0		
RT. 1+93						1.0		
RT. 2+11						1.0		
RT. 2+40						1.0		
MICHIGAN AVE.								
LT. 3+08.78 TO 3+61.33	6.0	5.0						
LT. 3+14.19 TO 3+57.58			74.9					
LT. 0+17.55 TO 0+36.55				30.0				
TOTAL	128.8	29.2	202.3	81.0	5.6	5.0	1.0	1.6

HMA SCHEDULE

LOCATION (STA.)	INCIDENTAL HMA SURFACING (TON)	HMA SURF. REM. 2" (SQ. YD.)	TEMP. RAMP (SQ. YD.)	BIT. MAT. PRIME COAT (POUND)
BILTMORE BLVD.				
AT OHIO AVE.	4.5	40.0		90.0
AT MISSOURI AVE.	9.1	81.0		182.3
AT INDIANA AVE.	6.8	61.1		137.5
HERBERT ST.				
12+70			15.4	
13+29			26.3	
AT SOUTHARD AVE.	5.6	50.0		112.5
AT ILLINOIS AVE.	5.5	48.0		108.0
AT OHIO AVE.	9.2	82.0		184.5
RT. 12+70 TO 13+29.18			92.5	208.1
RT. & LT. 12+70 TO 13+29.18	26.7			
LT. 12+70 TO 12+80			11.2	25.2
LT. 12+80 TO 13+22.62				233.1
LT. 13+22.62 TO 13+29.18			6.9	15.5
MISSOURI AVE.				
0+34			15.8	
0+24.50 TO 0+34.50		24.2		54.5
INDIANA AVE.				
3+82			17.8	
4+06			18.2	
AT SCHOOL ST.	1.2	11.0		24.8
MICHIGAN AVE.				
TOTAL	68.6	507.9	93.5	1,376.0

CURB AND GUTTER SCHEDULE

LOCATION (STA.)	C. C. C. & G. TYPE B-6.18 (FOOT)	C. C. C. & G. TYPE B-6.24 (FOOT)	CONCRETE GUTTER, TY. B SPECIAL (FOOT)
BILTMORE BLVD.			
RT. 9+14.50 TO 9+18.29			16.0
RT. 9+41.74 TO 9+44.70			18.0
HERBERT ST.			
RT. 0+22.66 TO 0+27.34		5.6	
MISSOURI AVE.			
RT. 3+81 TO 5+40.27	163.0		
INDIANA AVE.			
RT. 0+09.91 TO 0+15.69			17.0
MICHIGAN AVE.			
RT. 0+17.55 TO 0+36.55			30.0
TOTAL	163.0	5.6	81.0

REVISIONS

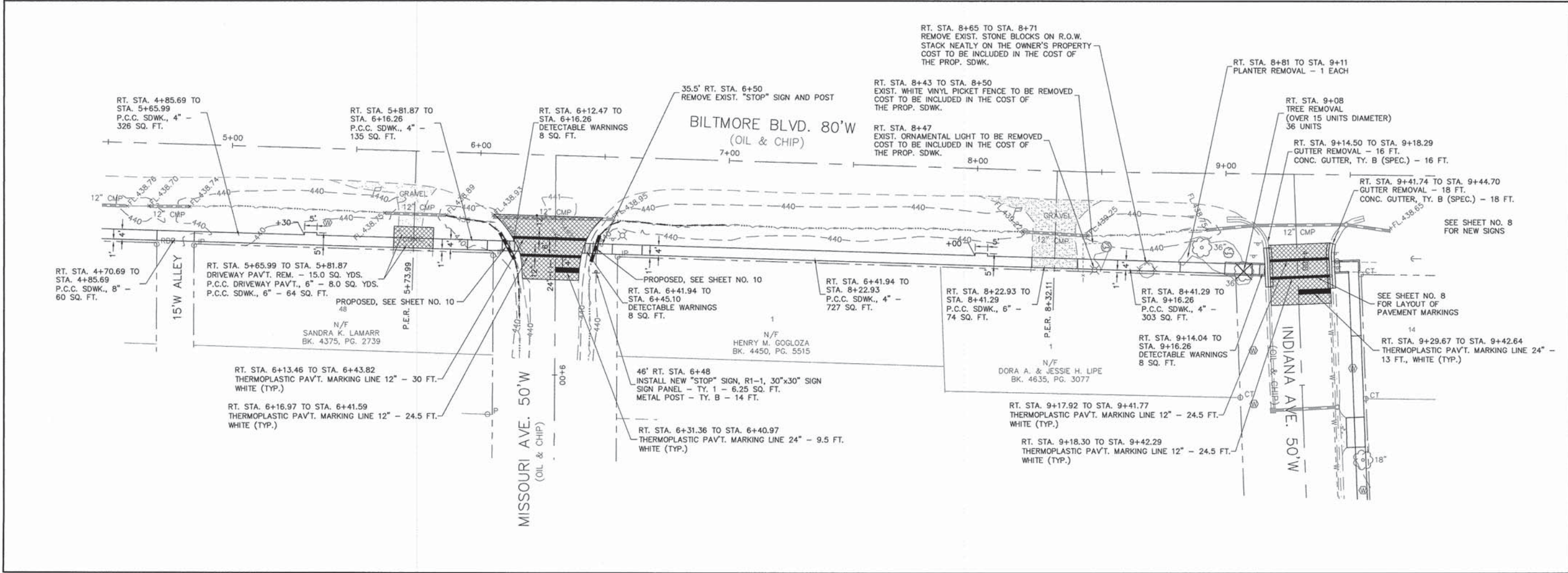
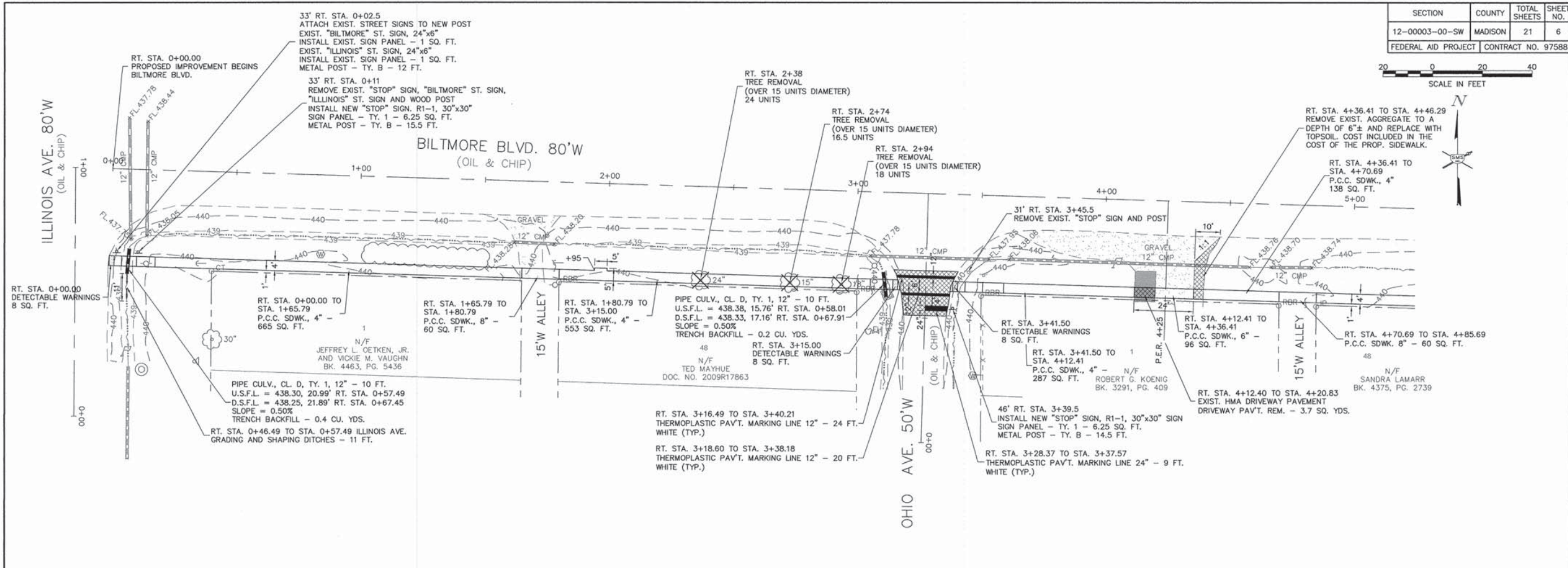
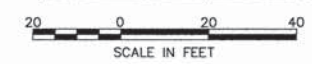
SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
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 215 Market Street, P.O. Box E, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com
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 DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 SCHEDULES

DWG. NO.	SCHEDULES.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	NOT TO SCALE
SHEET	5 OF 21

S:\Land Projects\1. ROXANA (478227.0) SAFE ROUTE\dwg\SCHEDULES.dwg, 2/27/2015 8:45:29 AM, jman, 1:1

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	6
FEDERAL AID PROJECT		CONTRACT NO. 97588	



REVISIONS

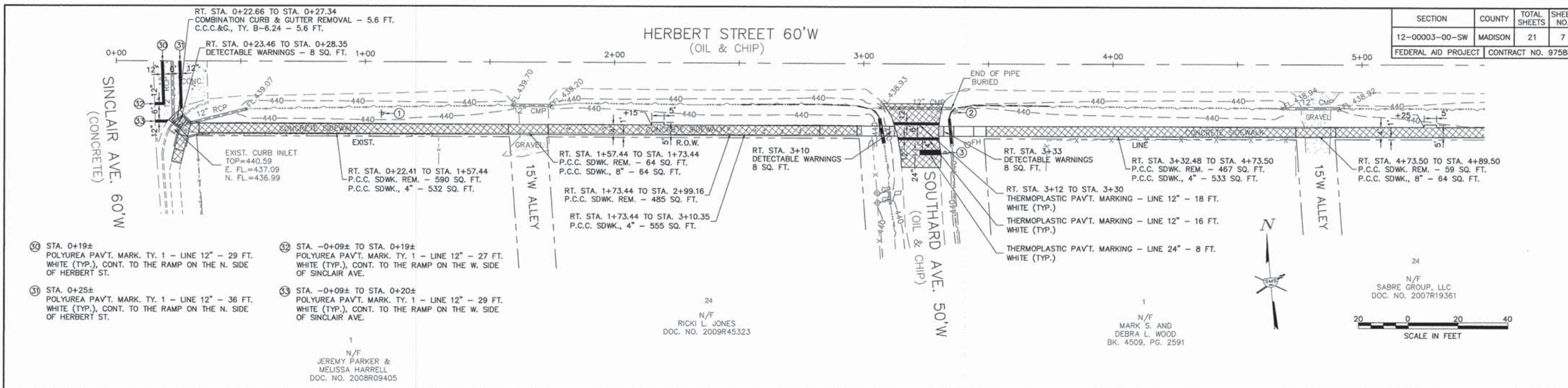
SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002 618482-9755 E-mail: mail@smsengineers.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618877-8700 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 PLAN

DWG. NO.	SAFE ROUTE PLAN.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	1" = 20'
SHEET	6 OF 21

S:\Land Projects\15. ROXANA (478227.0) SAFE ROUTE\dwg\Safe Route Plan.dwg 2/27/2015 9:17:17 AM jman, 1:20

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	7
FEDERAL AID PROJECT		CONTRACT NO. 97588	



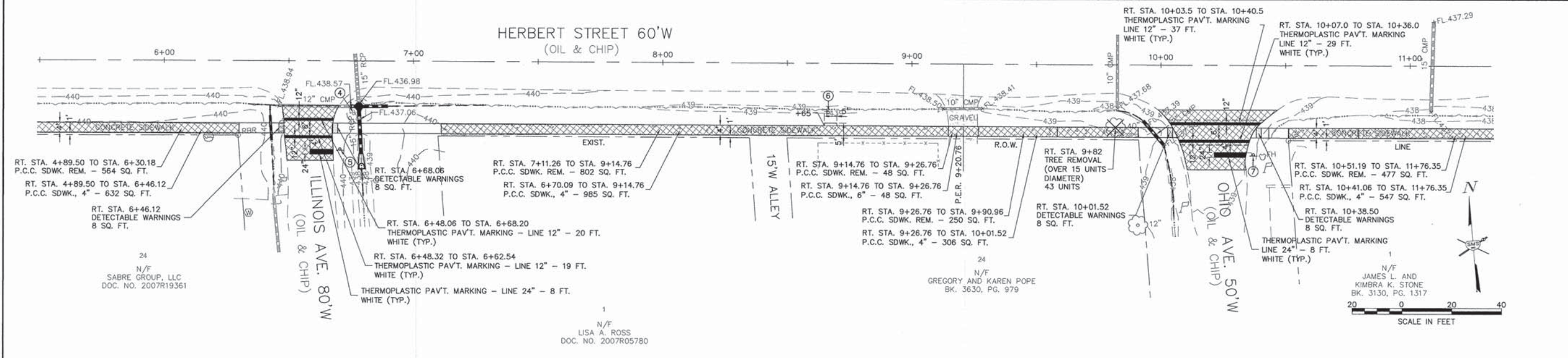
- 30 STA. 0+19± POLYUREA PAVT. MARK. TY. 1 - LINE 12" - 29 FT. WHITE (TYP.), CONT. TO THE RAMP ON THE N. SIDE OF HERBERT ST.
- 31 STA. 0+25± POLYUREA PAVT. MARK. TY. 1 - LINE 12" - 36 FT. WHITE (TYP.), CONT. TO THE RAMP ON THE N. SIDE OF HERBERT ST.
- 32 STA. -0+09± TO STA. 0+19± POLYUREA PAVT. MARK. TY. 1 - LINE 12" - 27 FT. WHITE (TYP.), CONT. TO THE RAMP ON THE W. SIDE OF SINCLAIR AVE.
- 33 STA. -0+09± TO STA. 0+20± POLYUREA PAVT. MARK. TY. 1 - LINE 12" - 29 FT. WHITE (TYP.), CONT. TO THE RAMP ON THE W. SIDE OF SINCLAIR AVE.

24
N/F
RICKI L. JONES
DOC. NO. 2009R45323

1
N/F
MARK S. AND
DEBRA L. WOOD
BK. 4509, PG. 2591

24
N/F
SABRE GROUP, LLC
DOC. NO. 2007R19361

SCALE IN FEET



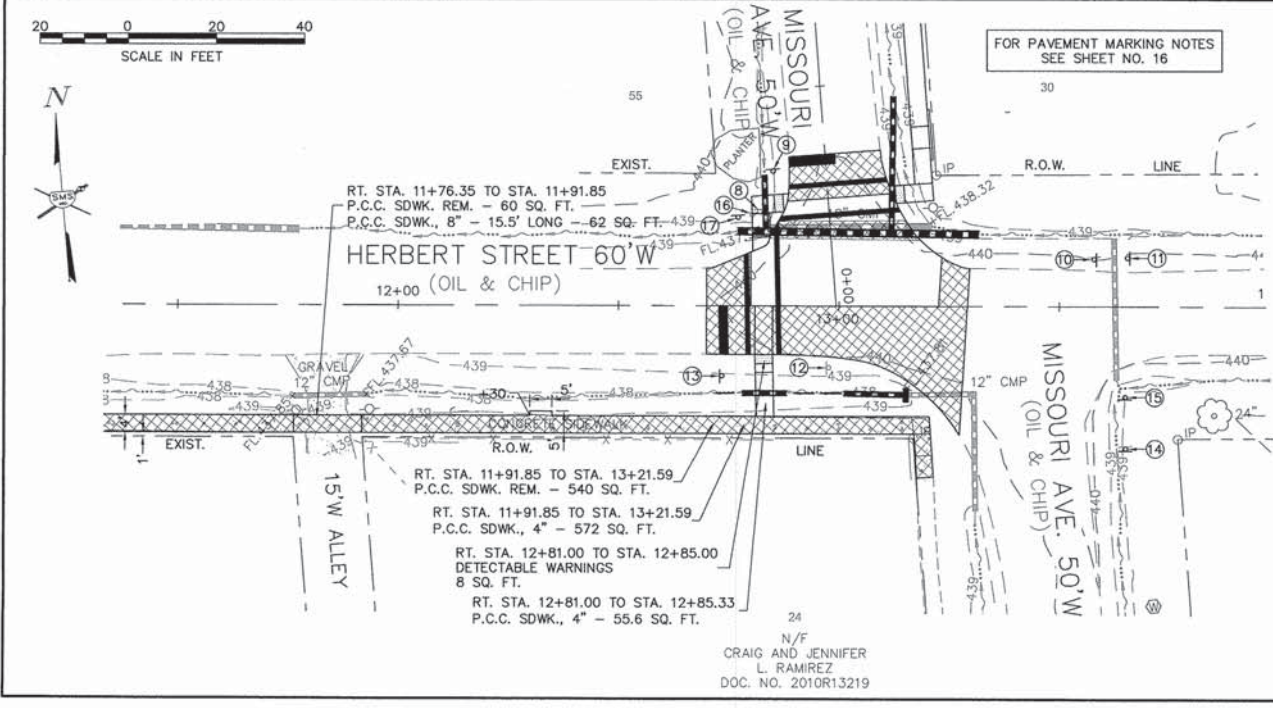
24
N/F
SABRE GROUP, LLC
DOC. NO. 2007R19361

1
N/F
LISA A. ROSS
DOC. NO. 2007R05780

24
N/F
GREGORY AND KAREN POPE
BK. 3630, PG. 979

1
N/F
JAMES L. AND
KIMBRA K. STONE
BK. 3130, PG. 1317

SCALE IN FEET



FOR PAVEMENT MARKING NOTES
SEE SHEET NO. 16

24
N/F
CRAIG AND JENNIFER
L. RAMIREZ
DOC. NO. 2010R13219

- 1 21' RT. STA. 1+07 REMOVE EXIST. "SPEED LIMIT 20" SIGN AND POST, INSTALL NEW "SPEED LIMIT 20" SIGN, R2-1, 24"x30" SIGN PANEL - TY. 1 - 5 SQ. FT. METAL POST - TY. B - 13.5 FT.
- 2 19.5' RT. STA. 3+36.5 REMOVE EXIST. "STOP" SIGN AND POST
- 3 35.5' RT. STA. 3+33 INSTALL NEW "STOP" SIGN, R1-1, 30"x30" SIGN PANEL - TY. 1 - 6.25 SQ. FT. METAL POST - TY. B - 13.5 FT.
- 4 21' RT. STA. 6+76 REMOVE EXIST. "STOP" SIGN AND POST
- 5 35.5' RT. STA. 6+70.5 INSTALL NEW "STOP" SIGN, R1-1, 30"x30" SIGN PANEL - TY. 1 - 6.25 SQ. FT. METAL POST - TY. B - 13.5 FT.
- 6 20' RT. STA. 8+66.5 REMOVE EXIST. "SPEED LIMIT 20" SIGN, "SLOW CHILDREN AT PLAY" SIGN AND METAL POST ATTACH EXIST. "SPEED LIMIT 20" SIGN, 24"x30" INSTALL EXIST. SIGN PANEL - 5 SQ. FT. ATTACH EXIST. "SLOW CHILDREN AT PLAY" SIGN, 18"x24" INSTALL EXIST. SIGN PANEL - 3 SQ. FT. METAL POST - TY. B - 15.5 FT.
- 7 36' RT. STA. 10+37 REMOVE EXIST. "STOP" SIGN AND POST INSTALL NEW "STOP" SIGN, R1-1, 30"x30" SIGN PANEL - TY. 1 - 6.25 SQ. FT. METAL POST - TY. B - 13.5 FT.
- 8 21' LT. STA. 12+82 REMOVE EXIST. "STOP" SIGN, "4-WAY" SIGN AND POST
- 9 12' LT. STA. 0+32 INSTALL NEW "STOP" SIGN, R1-1, 30"x30" SIGN PANEL - TY. 1 - 6.25 SQ. FT. INSTALL NEW "ALL-WAY" SIGN, R1-3P, 18"x6" SIGN PANEL - TY. 1 - 0.75 SQ. FT. METAL POST - TY. B - 14.5 FT.
- 10 11' LT. STA. 13+58 REMOVE EXIST. "STOP" SIGN, "4-WAY" SIGN AND POST
- 11 11' LT. STA. 13+66 INSTALL NEW "STOP" SIGN, R1-1, 30"x30" SIGN PANEL - TY. 1 - 6.25 SQ. FT. INSTALL NEW "ALL-WAY" SIGN, R1-3P, 18"x6" SIGN PANEL - TY. 1 - 0.75 SQ. FT. METAL POST - TY. B - 14.5 FT.
- 12 14' LT. STA. 12+98 REMOVE EXIST. "STOP" SIGN, "4-WAY" SIGN AND POST
- 13 16' RT. STA. 12+73 INSTALL NEW "STOP" SIGN, R1-1, 30"x30" SIGN PANEL - TY. 1 - 6.25 SQ. FT. INSTALL NEW "ALL-WAY" SIGN, R1-3P, 18"x6" SIGN PANEL - TY. 1 - 0.75 SQ. FT. METAL POST - TY. B - 15 FT.
- 14 32' RT. STA. 13+65 REMOVE EXIST. "STOP" SIGN, "4-WAY" SIGN AND POST
- 15 21' RT. STA. 13+65 INSTALL NEW "STOP" SIGN, R1-1, 30"x30" SIGN PANEL - TY. 1 - 6.25 SQ. FT. INSTALL NEW "ALL-WAY" SIGN, R1-3P, 18"x6" SIGN PANEL - TY. 1 - 0.75 SQ. FT. METAL POST - TY. B - 15 FT.
- 16 20.5' LT. STA. 12+80 REMOVE EXIST. "HERBERT ST." SIGN, "MISSOURI AVE." SIGN AND POST
- 17 20.5' LT. STA. 12+77 ATTACH EXIST. "HERBERT ST." SIGN, 24"x6" INSTALL EXIST. SIGN PANEL - 1 SQ. FT. ATTACH EXIST. "MISSOURI AVE." SIGN, 24"x6" INSTALL EXIST. SIGN PANEL - 1 SQ. FT. METAL POST - TY. B - 12 FT.

REVISIONS

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10 Central Industrial Drive, Suite 1, Granite City, IL 62040 618/877-8700 Email: mail@smgsurveyors.com
DESIGN FIRM # 184-000992

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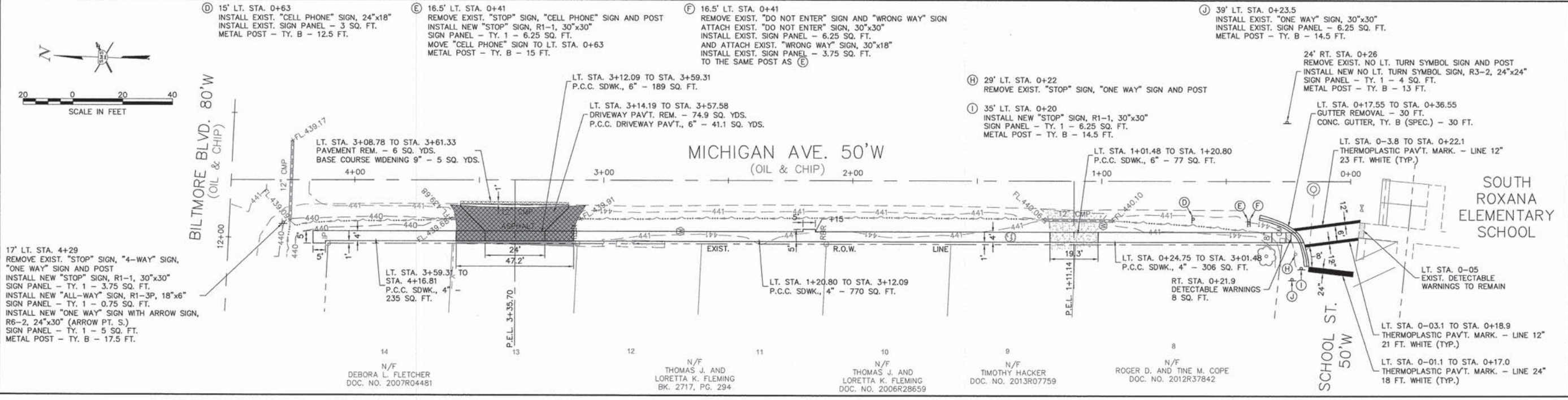
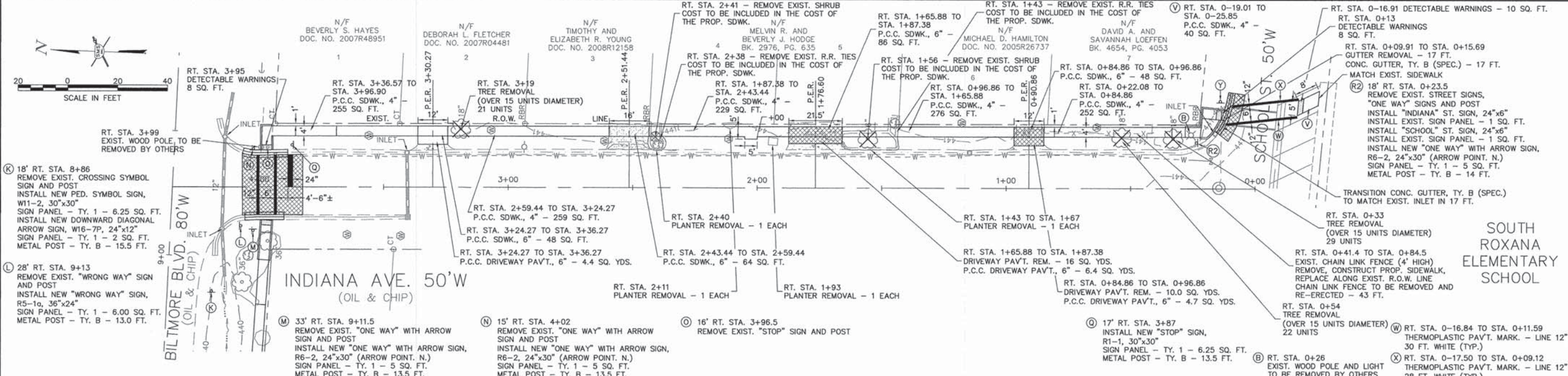
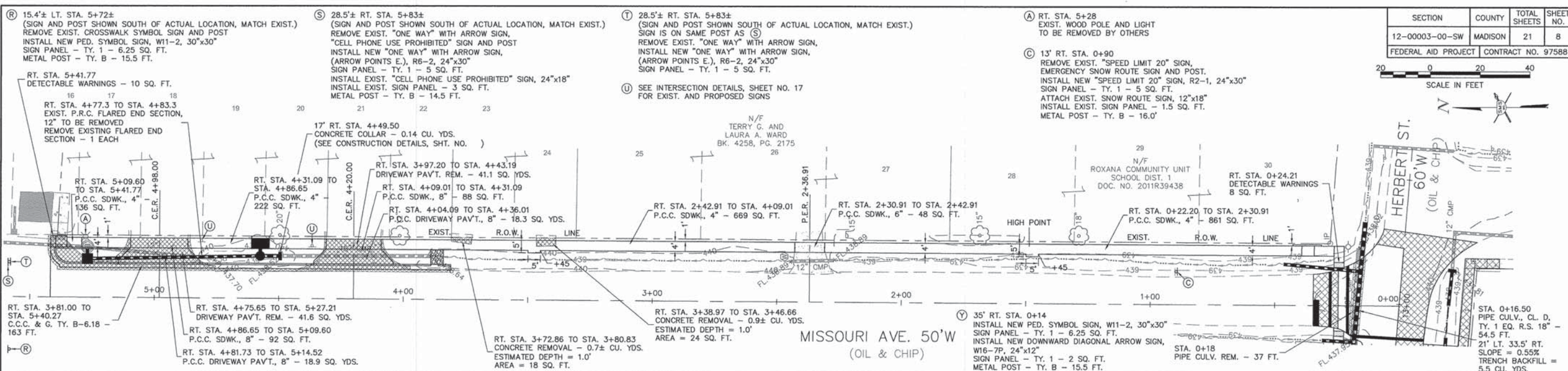
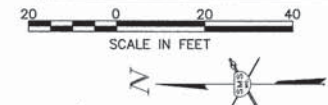
VILLAGE OF SOUTH ROXANA
SIDEWALK IMPROVEMENTS
SECTION 12-00003-00-SW
PLAN

DWG. NO.
SAFE ROUTE PLAN.DWG
REF. BK. PG.
JOB NO. 478227.0
DSN. BY: LDA
DWN. BY: GF
CHK. BY: LDA
DATE: FEBRUARY, 2015

SCALE: 1" = 20'

SHEET 7 OF 21

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	8
FEDERAL AID PROJECT		CONTRACT NO. 97588	



REVISIONS
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 DESIGN FIRM # 184-000992
 VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 PLAN
 DWG. NO. SAFE_ROUTE_PLAN.DWG
 REF. BK. PG.
 JOB NO. 478227.0
 DSN. BY: LDA
 DWN. BY: GF
 CHK. BY: LDA
 DATE: FEBRUARY, 2015
 SCALE: 1" = 20'
 SHEET 8 OF 21

S:\Land Projects\KS_ROXANA (478227.0) SAFE ROUTE\dwg\Sidewalk Route Plan.dwg, 2/27/2015 9:18:20 AM, jman, 120

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	9
FEDERAL AID PROJECT	CONTRACT NO.	97588	



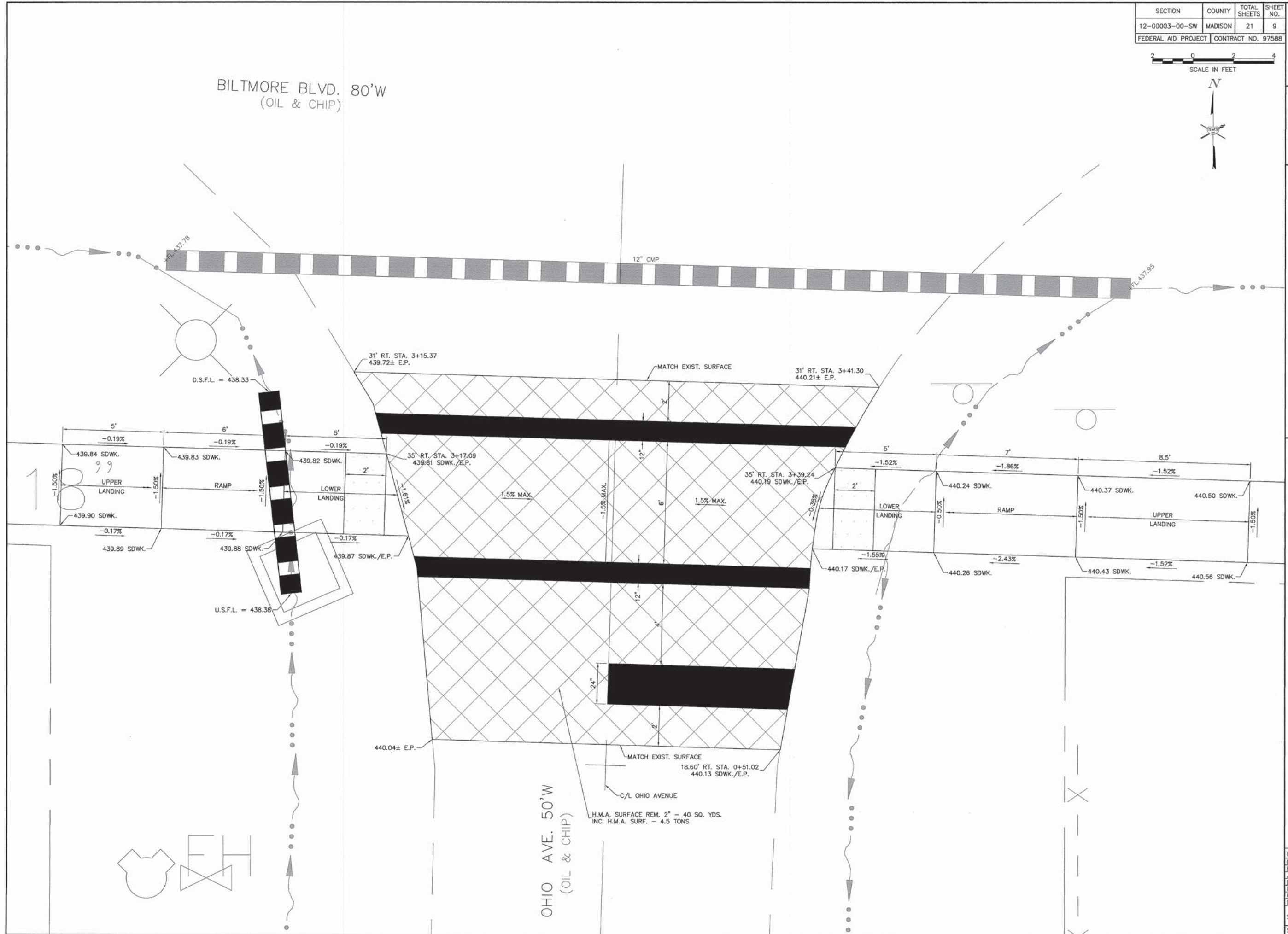
REVISIONS

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DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
SIDEWALK IMPROVEMENTS
SECTION 12-00003-00-SW
INTERSECTION DETAILS

DWG. NO.
DETAIL-BILTMORE-OHIO.DWG
REF. BY PG.
JOB NO. 478227.0
DSN. BY: LDA
DWN. BY: GF
CHK. BY: LDA
DATE: FEBRUARY, 2015

SCALE: 1" = 2'
SHEET 9 OF 21



BILTMORE BLVD. 80'W
(OIL & CHIP)

OHIO AVE. 50'W
(OIL & CHIP)

H.M.A. SURFACE REM. 2" - 40 SO. YDS.
INC. H.M.A. SURF. - 4.5 TONS

S:\Land Projects\15. ROMANA (478227) SAFE ROUTE\dwg\Detail-Biltmore-Ohio.dwg, 2/27/2015 9:55:20 AM, jiman, 1:2

BILTMORE BLVD. 80'W
(OIL & CHIP)

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	10
FEDERAL AID PROJECT		CONTRACT NO. 97588	

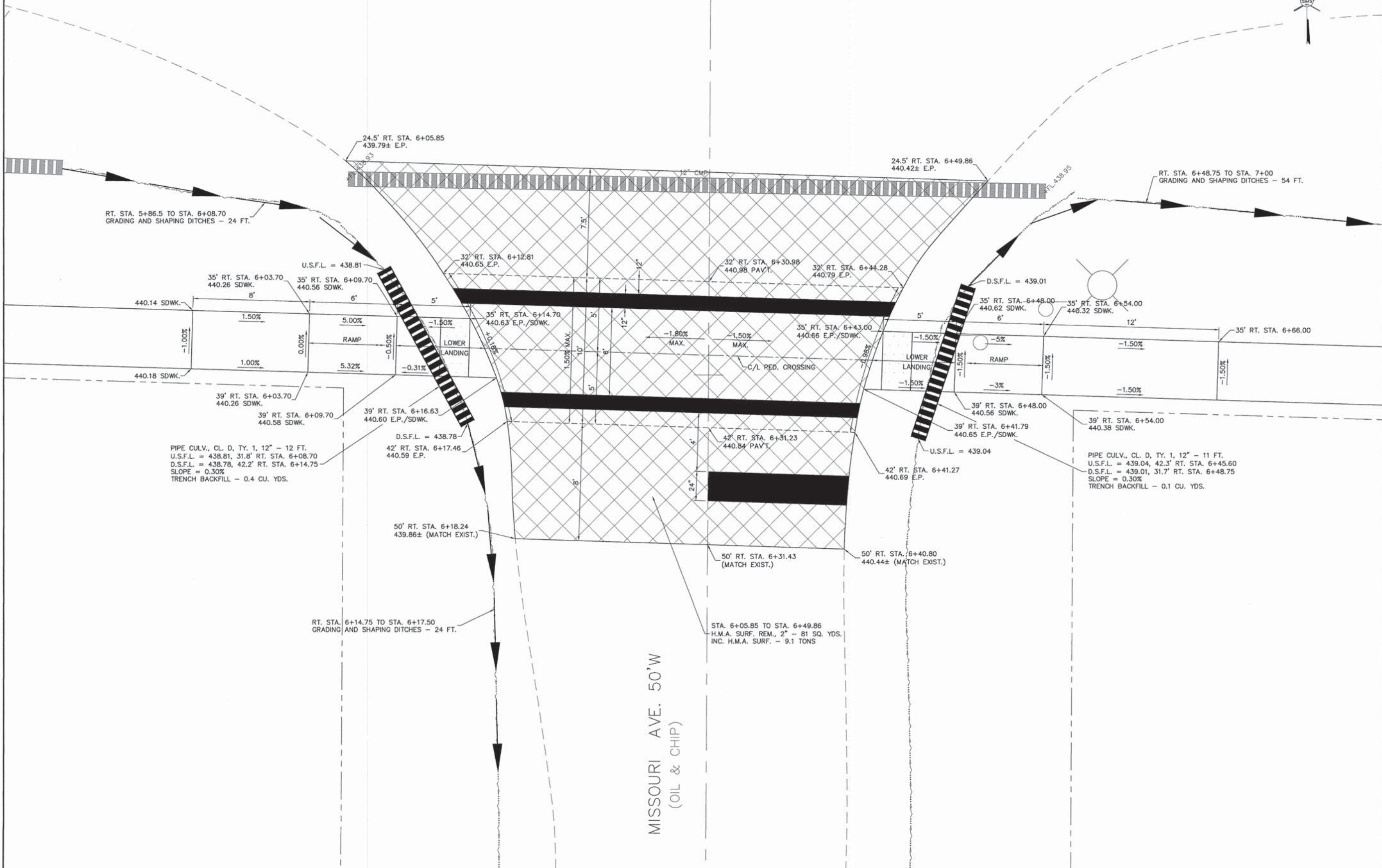


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215 Market Street, P.O. Box E, Alton, IL 62002 618-452-9755 E-mail: msm@smsengr.com
10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618-777-4700 E-mail: msm@smsengr.com
DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
SIDEWALK IMPROVEMENTS
SECTION 12-00003-00-SW
INTERSECTION DETAILS

DWG. NO.	DETAIL - BILTMORE - MISSOURI.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	1" = 3'
SHEET	10 OF 21



RT. STA. 5+86.5 TO STA. 6+08.70
GRADING AND SHAPING DITCHES - 24 FT.

PIPE CULV., CL. D, TY. 1, 12" - 12 FT.
U.S.F.L. = 438.81, 31.8' RT. STA. 6+08.70
D.S.F.L. = 438.78, 42.2' RT. STA. 6+14.75
SLOPE = 0.30%
TRENCH BACKFILL - 0.4 CU. YDS.

RT. STA. 6+14.75 TO STA. 6+17.50
GRADING AND SHAPING DITCHES - 24 FT.

MISSOURI AVE. 50'W
(OIL & CHIP)

STA. 6+05.85 TO STA. 6+49.86
H.M.A. SURF. REM., 2" - 81 SQ. YDS.
INC. H.M.A. SURF. - 9.1 TONS

RT. STA. 6+48.75 TO STA. 7+00
GRADING AND SHAPING DITCHES - 54 FT.

PIPE CULV., CL. D, TY. 1, 12" - 11 FT.
U.S.F.L. = 439.04, 42.3' RT. STA. 6+45.60
D.S.F.L. = 439.01, 31.7' RT. STA. 6+48.75
SLOPE = 0.30%
TRENCH BACKFILL - 0.1 CU. YDS.

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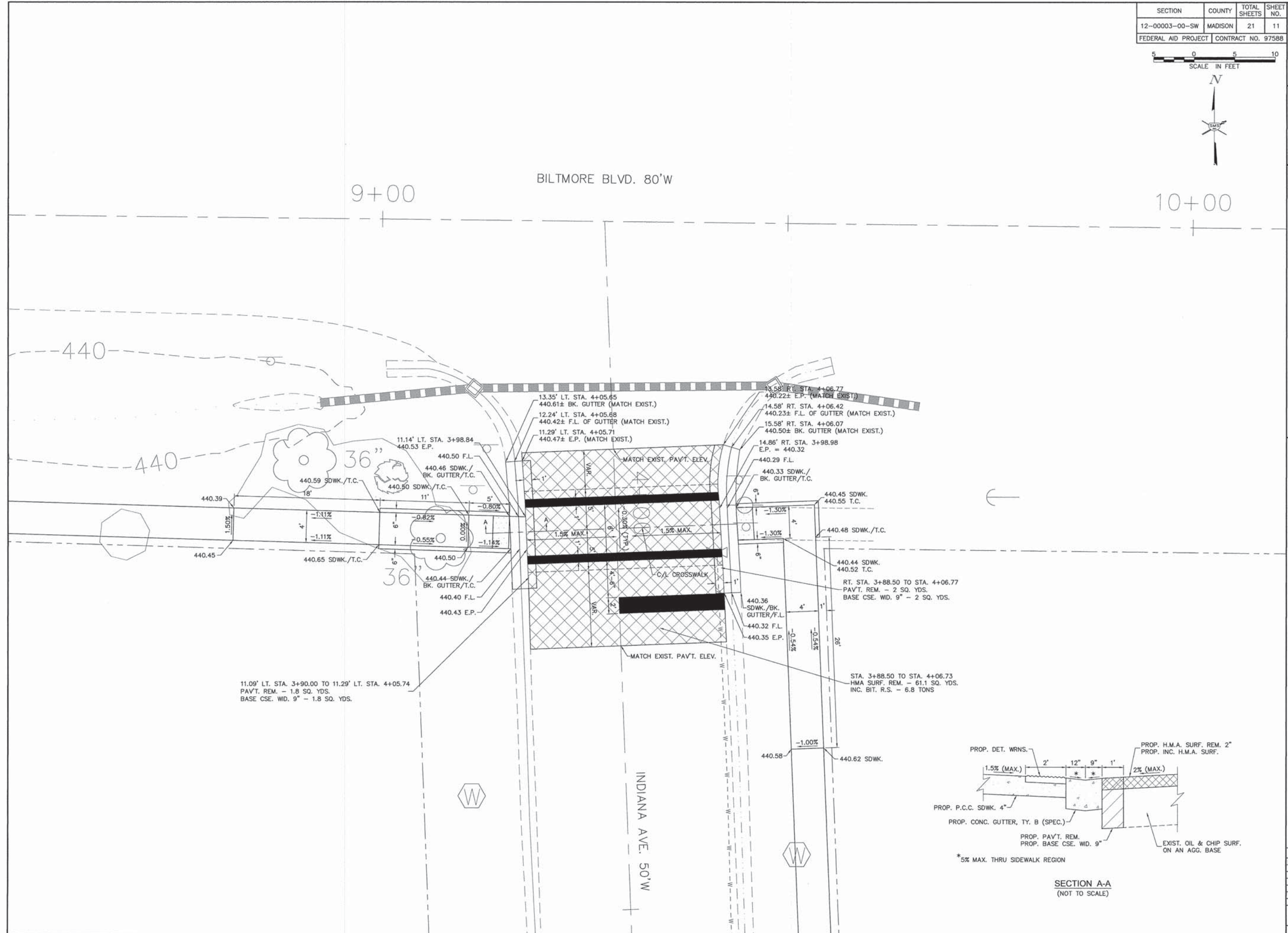
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	11
FEDERAL AID PROJECT		CONTRACT NO. 97588	



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 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 61877-8700 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 INTERSECTION DETAILS



S:\Land Projects\S.S. ROMANA (478227.0) SAFE ROUTE(dwg)Detail-Indiana-Biltmore.dwg, 2/27/2015 10:07:41 AM, jman, 1.5

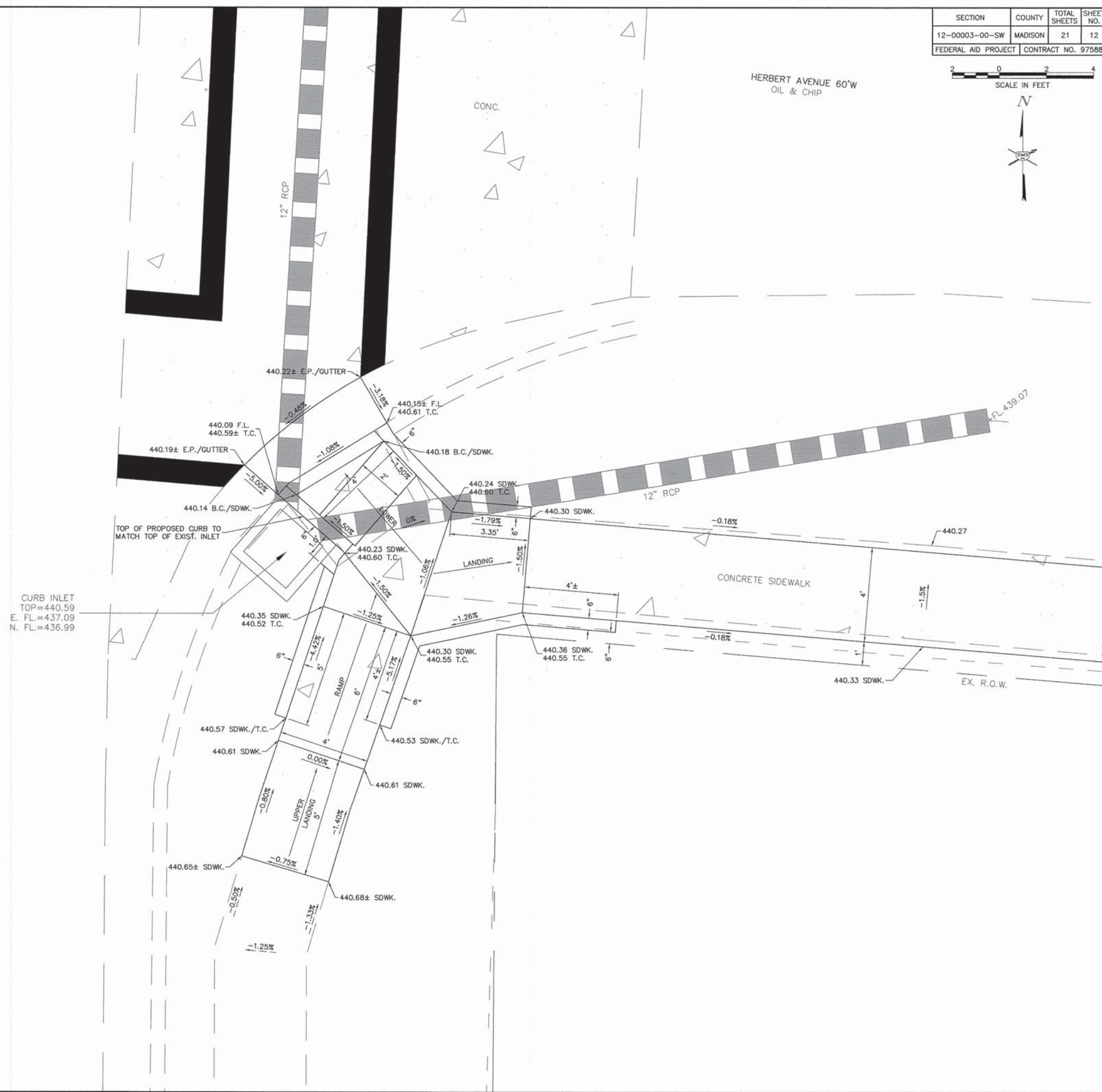
DWG. NO.	DETAIL-INDIANA-BILTMORE.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	1" = 5'
SHEET	11 OF 21

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	12
FEDERAL AID PROJECT		CONTRACT NO. 97588	



SINCLAIR AVE. 60'W

HERBERT AVENUE 60'W
OIL & CHIP



CURB INLET
TOP=440.59
E. FL.=437.09
N. FL.=436.99

REVISIONS

SMS ENGINEERS
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 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618877-8700 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 INTERSECTION DETAILS

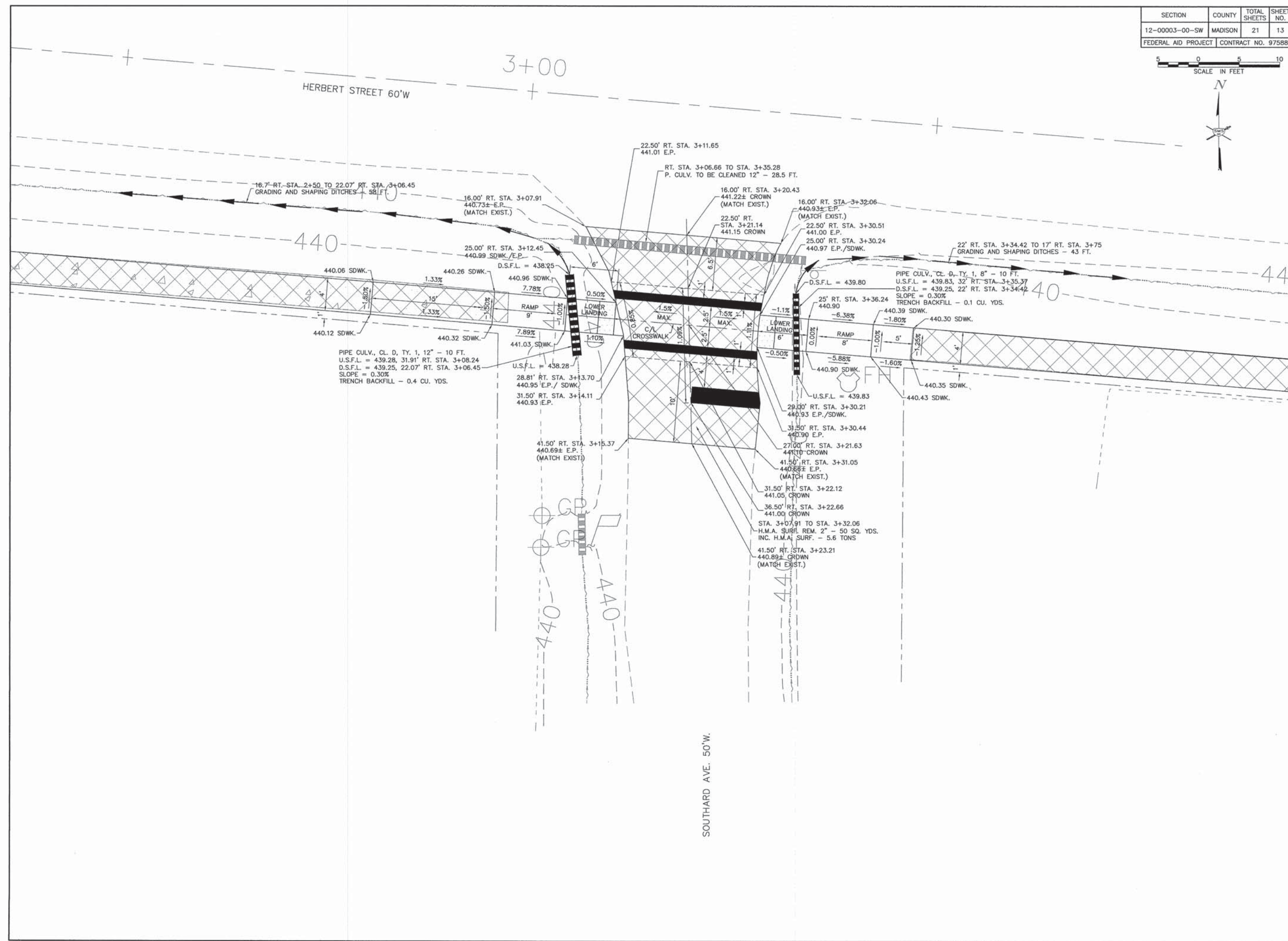
DWG. NO.	DETAIL-SINCLAIR-HERBERT.DWG
REF. BY:	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	1" = 2'
SHEET	12 OF 21

S:\Land Projects\15. ROXANA (478227.0) SAFE ROUTE\dwg\Detail-Sinclair-Herbert.dwg, 2/27/2015 10:14:38 AM, jman, 1,2

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	13
FEDERAL AID PROJECT		CONTRACT NO. 97588	



REVISIONS



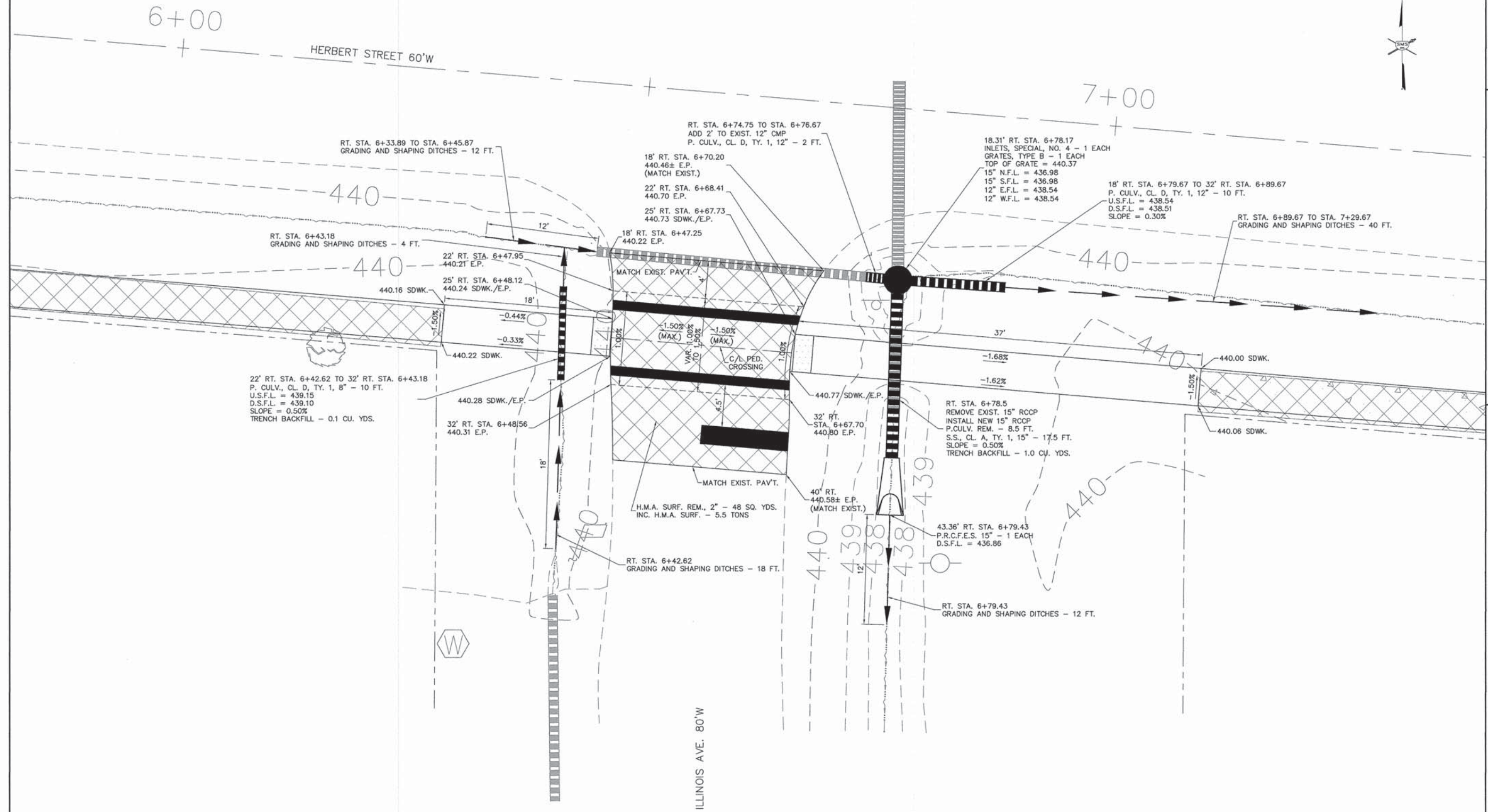
SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
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 215 Market Street, P.O. Box E, Alton, IL 62002 618-452-9755 E-mail: mail@smsengineers.com
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 DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 INTERSECTION DETAILS

DWG. NO.	DETAIL-HERBERT-SOUTHARD.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	1" = 5'
SHEET	13 OF 21

S:\Land Projects\S. ROMANA (478227.0) SAFE ROUTE\DWG\Detail-Herbert-Southard.dwg 2/27/2015 10:19:23 AM, jman, 15

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	14
FEDERAL AID PROJECT		CONTRACT NO. 97588	



REVISIONS

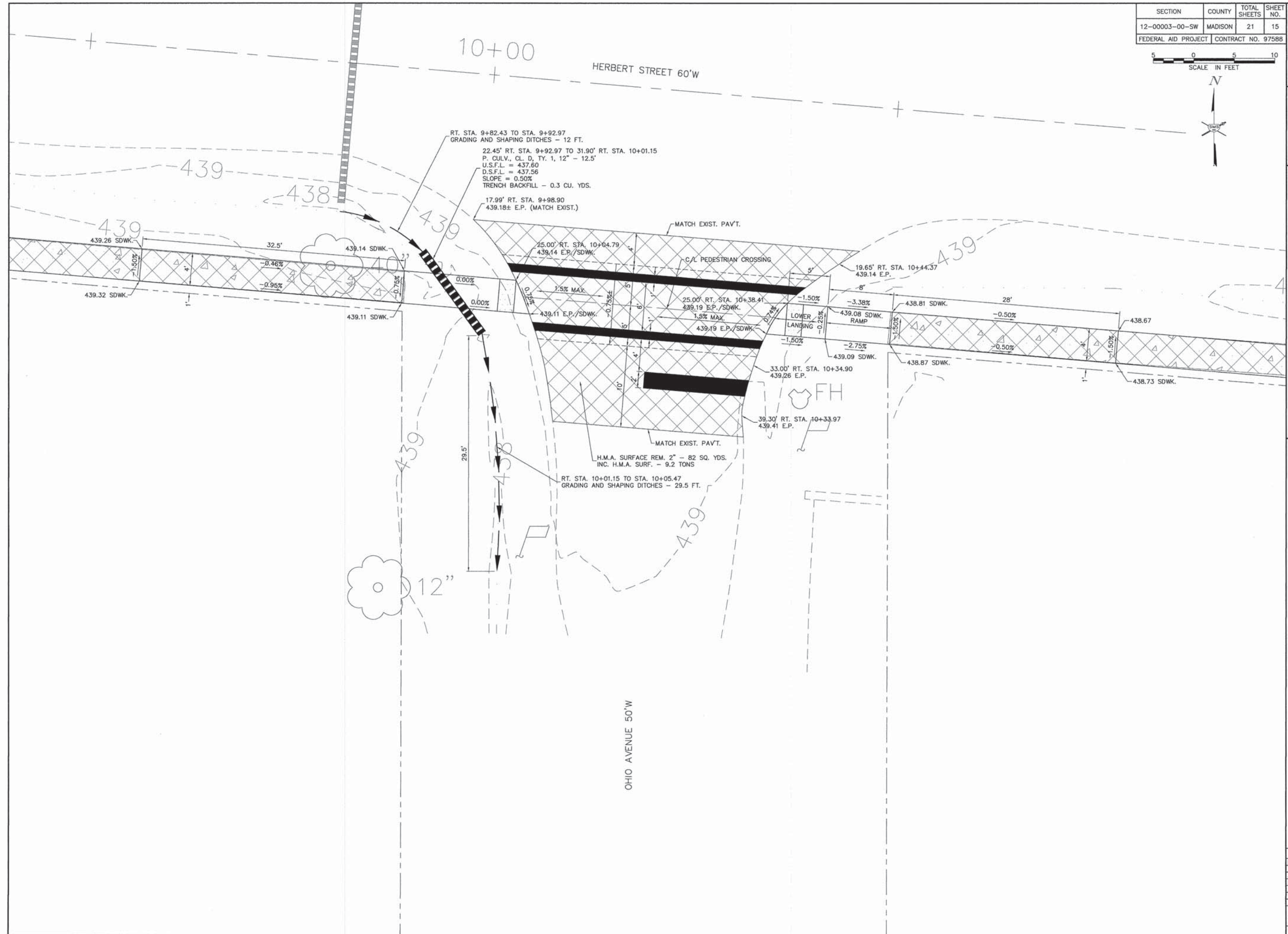
SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002 618/462-2755 E-mail: mail@smsengineers.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618/977-5700 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 INTERSECTION DETAILS

DWG. NO.	DETAIL-HERBERT-ILLINOIS.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	1" = 5'
SHEET	14 OF 21

S:\Land Projects\15. ROXANA (478227.0) SAFE ROUTE\dwg\Detail-Herbert-Illinois.dwg, 2/27/2015 10:24:01 AM, Jiman, 15

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	15
FEDERAL AID PROJECT		CONTRACT NO. 97588	



REVISIONS

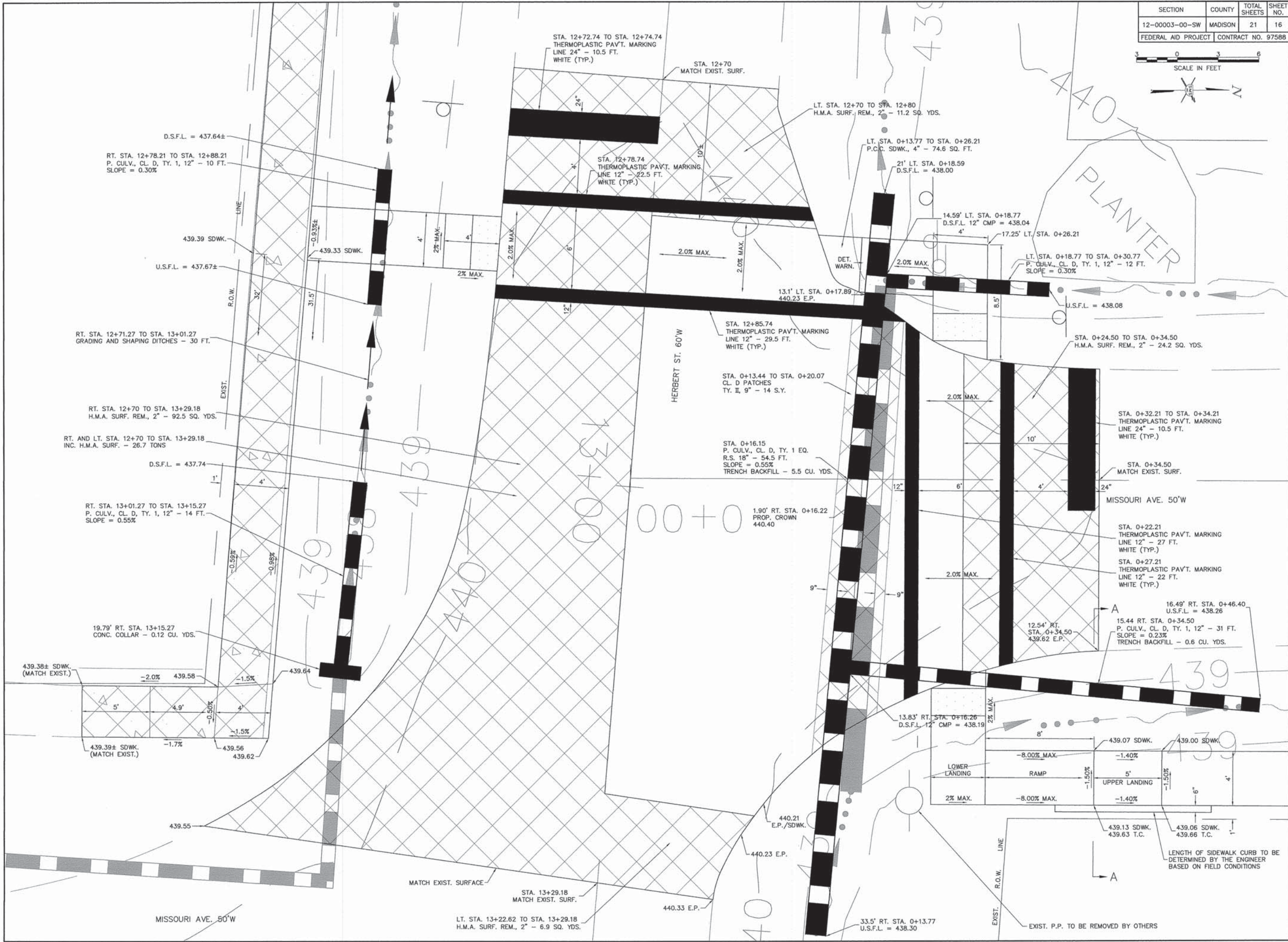
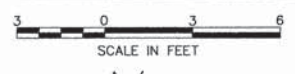
SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002 618-425-9155 E-mail: mail@smsengineers.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618-774-0000 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 INTERSECTION DETAILS

DWG. NO.	DETAIL-HERBERT-OHIO.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	1" = 5'
SHEET	15 OF 21

S:\Land Projects\15. ROXANA (478227.0) SAFE ROUTE\dwg\Detail-Herbert-Ohio.dwg, 2/27/2015 10:28:41 AM, jman, 15

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	16
FEDERAL AID PROJECT		CONTRACT NO. 97588	



REVISIONS

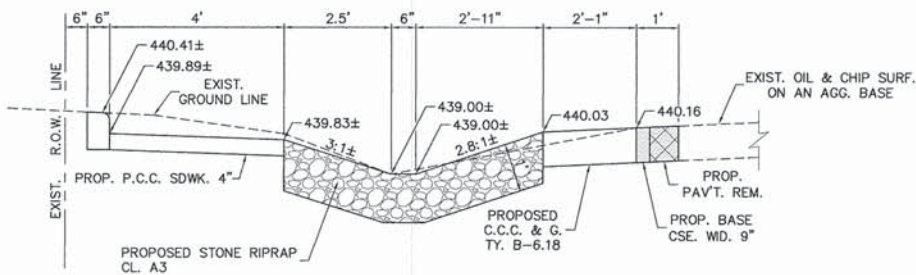
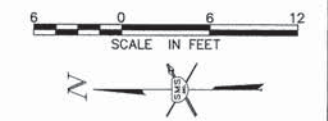
SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002 618/462-9195 E-mail: mail@smsengr.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618/877-8700 E-mail: mail@smsengr.com
 DESIGN FIRM # 184-000992

SMS ENGINEERS
 VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 INTERSECTION DETAILS

DWG. NO.	DETAIL-MISSOURI-HERBERT.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	1" = 3'
SHEET	16 OF 21

S:\Land Projects\15. ROXANA (478227.0) SAFE ROUTE\DWG\Detail-Missouri-Herbert.dwg, 2/27/2015 10:33:50 AM, jman, 13

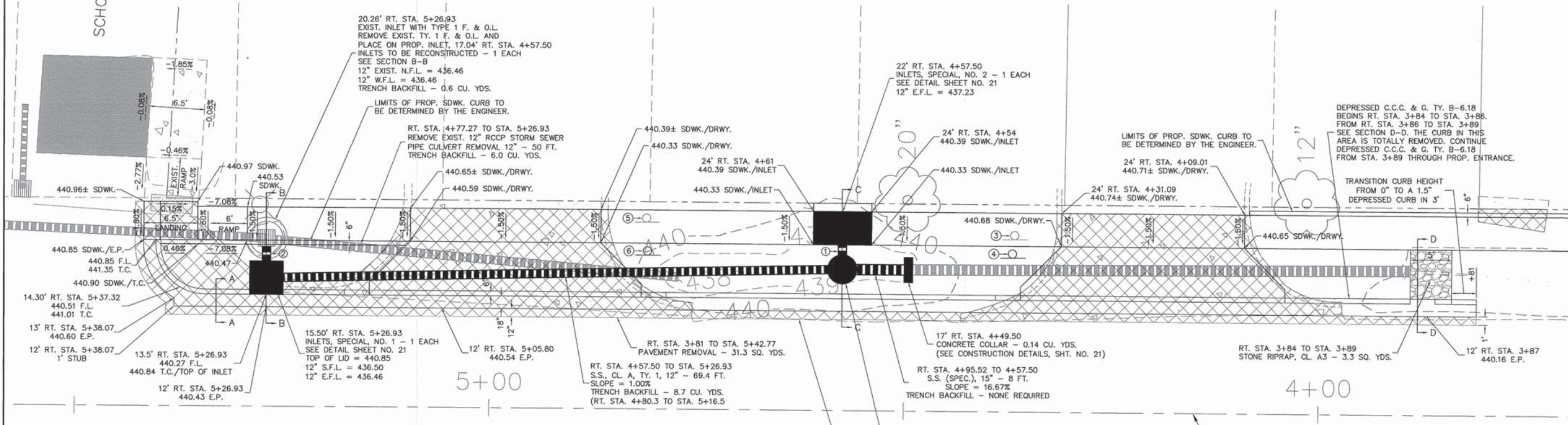
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	17
FEDERAL AID PROJECT		CONTRACT NO. 97588	



- ③ 21' RT. STA. 4+37
REMOVE EXIST. "SCHOOL PERSONNEL AND BUS TRAFFIC ONLY" SIGN, "ENTER" SIGN AND POST
- ④ 19' RT. STA. 4+37
INSTALL EXISTING "SCHOOL PERSONNEL AND BUS TRAFFIC ONLY" SIGN, 18"x24" AND "ENTER" SIGN, 9"x12" ON A NEW POST
INSTALL EXIST. SIGN PANEL - 3.75 SQ. FT. (TOTAL)
METAL POST - TY. B - 15 FT.
- ⑤ 23' RT. STA. 4+81
REMOVE EXIST. "SCHOOL PERSONNEL AND BUS TRAFFIC ONLY" SIGN, "EXIT ONLY" SIGN AND POST
- ⑥ 19' RT. STA. 4+81
INSTALL EXISTING "SCHOOL PERSONNEL AND BUS TRAFFIC ONLY" SIGN, 18"x24" AND "EXIT ONLY" SIGN, 9"x12" ON A NEW POST
INSTALL EXIST. SIGN PANEL - 3.75 SQ. FT. (TOTAL)
METAL POST - TY. B - 15 FT.

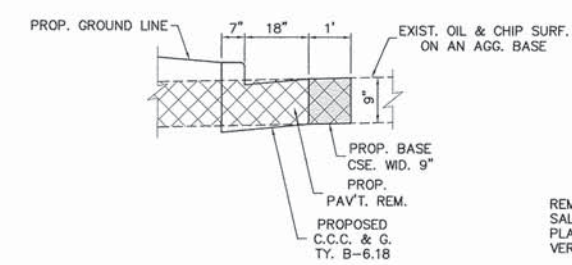
SCHOOL STREET

SECTION D-D
NOT TO SCALE

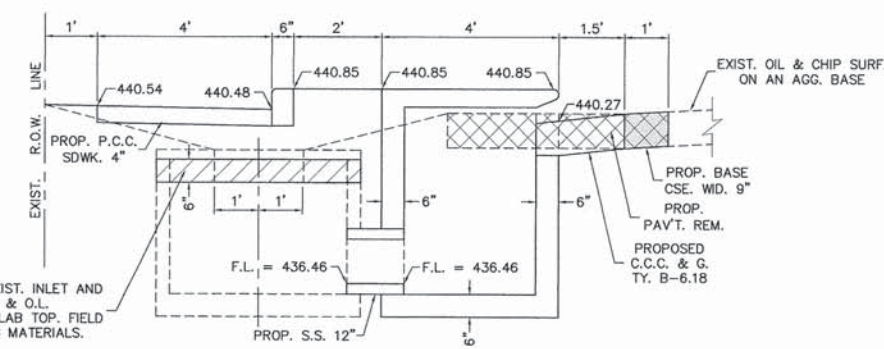


- ① RT. STA. 4+57.50
S.S., CL. A, TY. 1, 12" - 2.5 FT.
SLOPE = 2.00%
TRENCH BACKFILL - 0.2 CU. YDS.
- ② RT. STA. 5+26.93
S.S., CL. A, TY. 1, 12" - 2.5 FT.
SLOPE = 1.2%
TRENCH BACKFILL - NONE REQUIRED

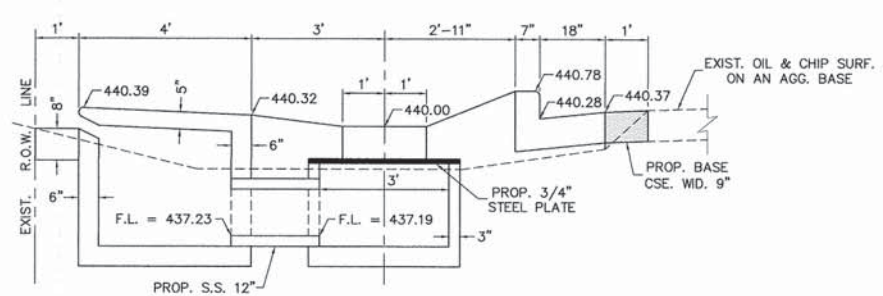
- 17.04' RT. STA. 4+57.50
INLETS, SPECIAL, NO. 3 - 1 EACH
SEE DETAIL SHEET NO. 20
PLACE EXIST. TY. 1 F. & O.L. FROM
20.26' RT. STA. 5+26.93
TOP OF LID = 440.00
12" N.F.L. = 437.19
15" S.F.L. = 437.19
12" E.F.L. = 437.19
- RT. STA. 3+81 TO STA. 5+42.77
BASE CSE. WD. 9" - 18.4 SQ. YDS.



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



SECTION C-C
NOT TO SCALE

REVISIONS

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DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
SIDEWALK IMPROVEMENTS
SECTION 12-00003-00-SW
INTERSECTION DETAILS

DWG. NO.	DETAIL-MISSOURI STA. 5+00.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	1" = 6'
SHEET	17 OF 21

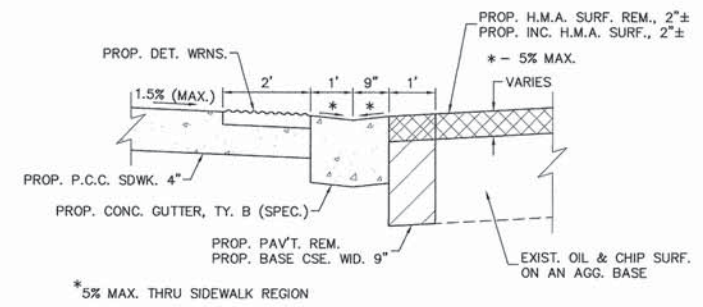
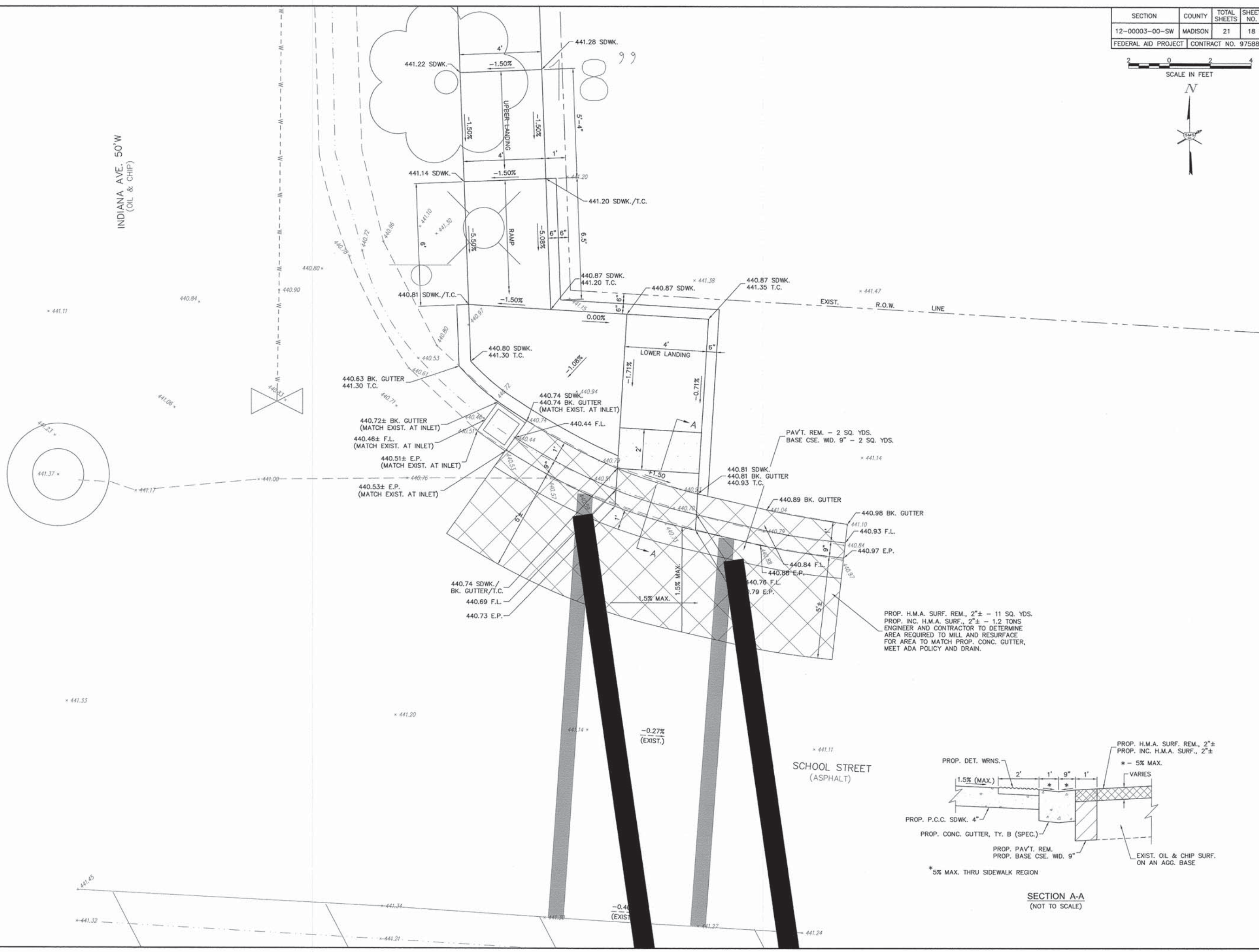
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	18
FEDERAL AID PROJECT		CONTRACT NO. 97588	



REVISIONS

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 10 Central Industrial Drive, Suite 5, Granite City, IL 62040 618877-8700 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 INTERSECTION DETAILS



S:\Land Projects\S. ROXANA (478227.0) SAFE ROUTE\dwg\Detail-Indiana-School.dwg 2/27/2015 10:44:38 AM, Jiman, 12

DWG. NO.	DETAIL-INDIANA-SCHOOL.DWG
REF. SK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	1" = 2'
SHEET	18 OF 21

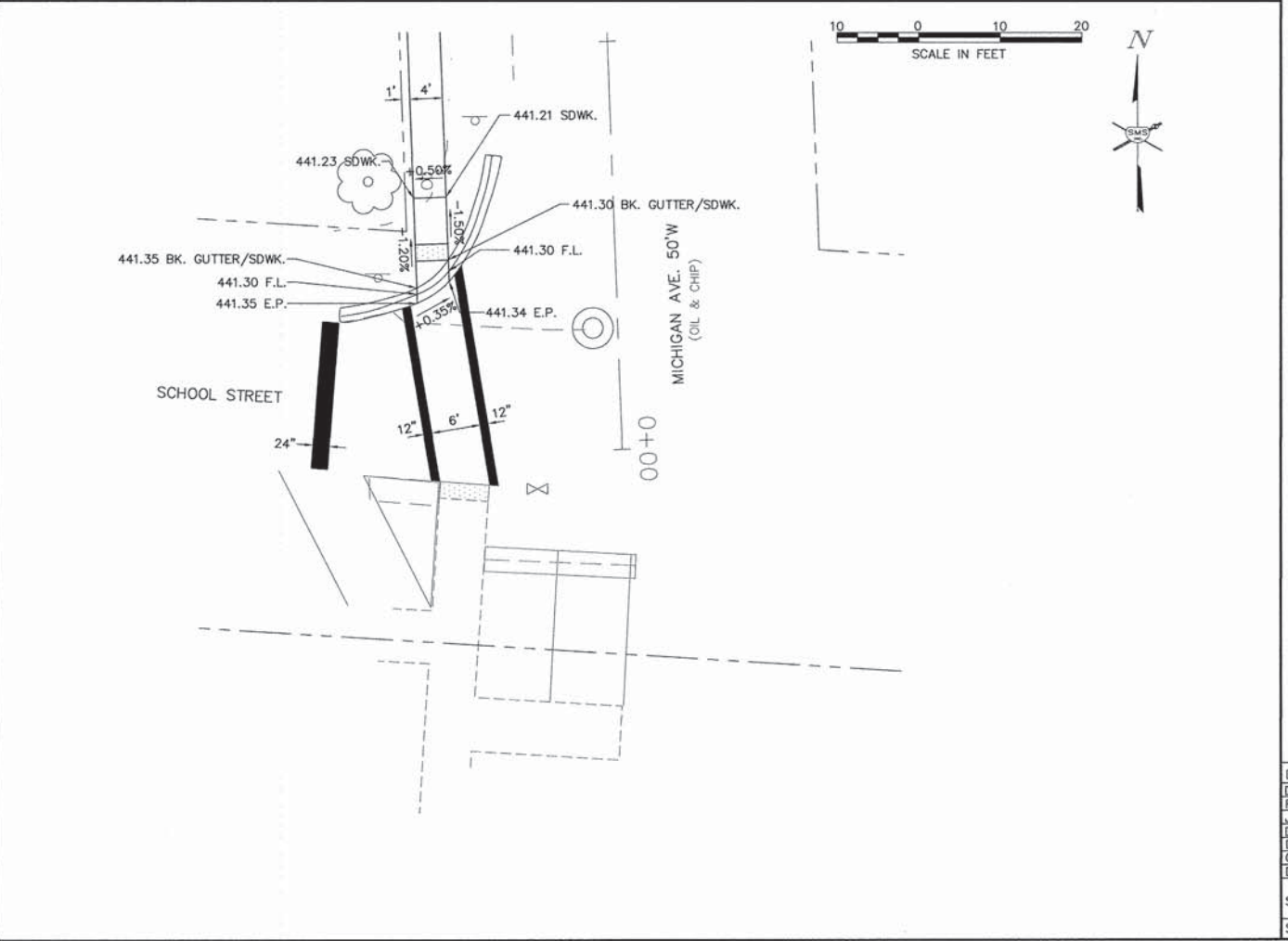
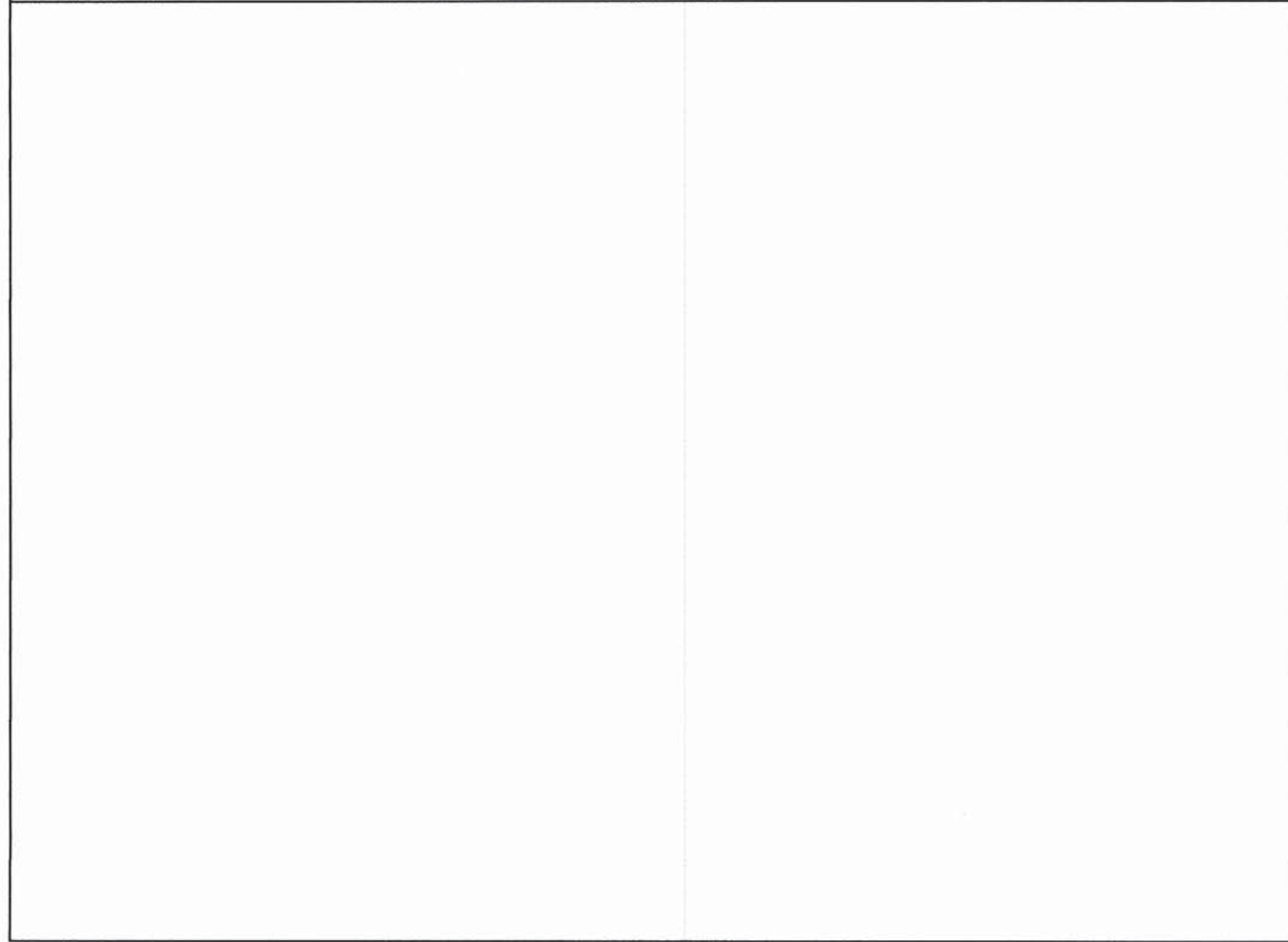
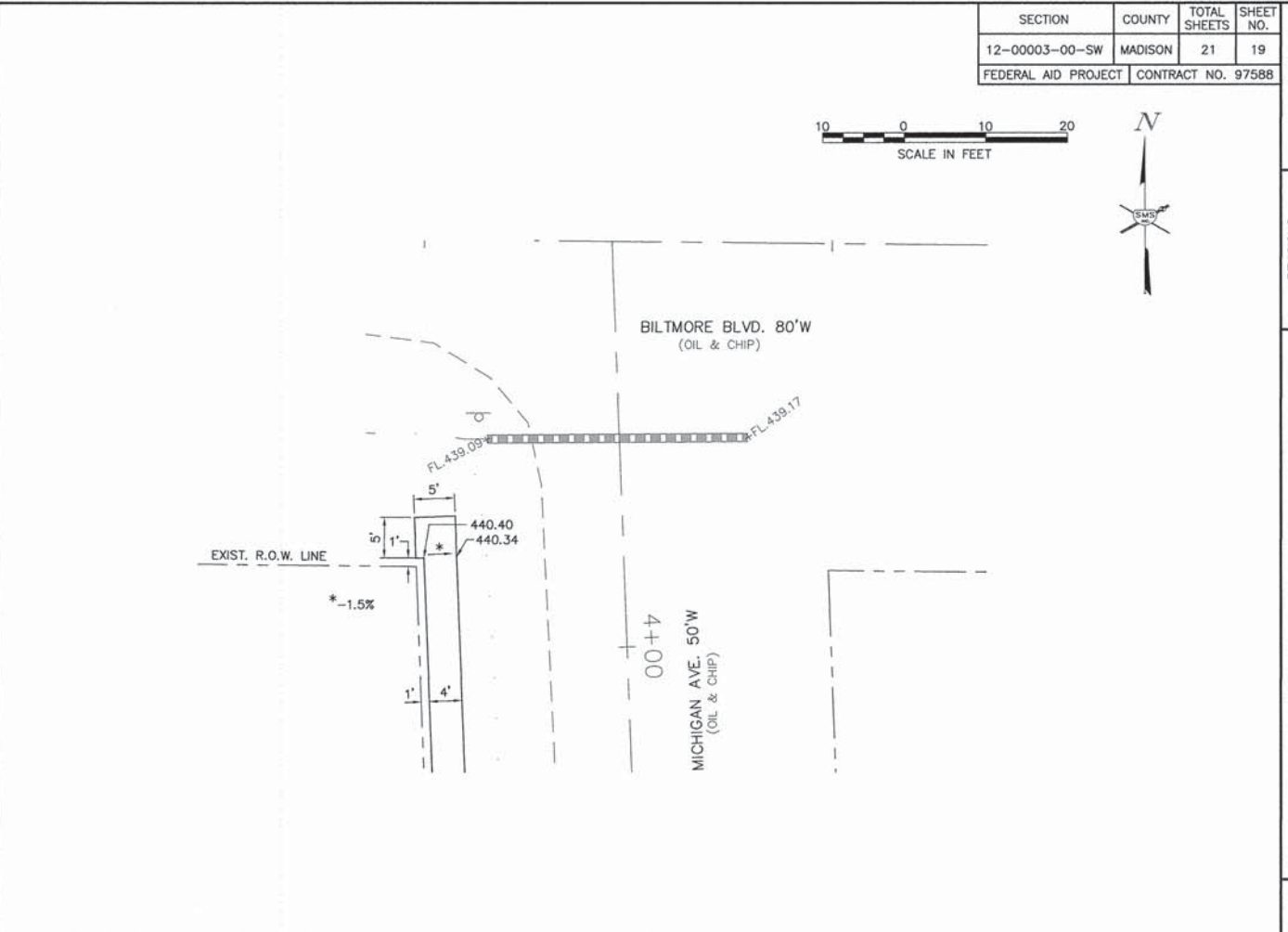
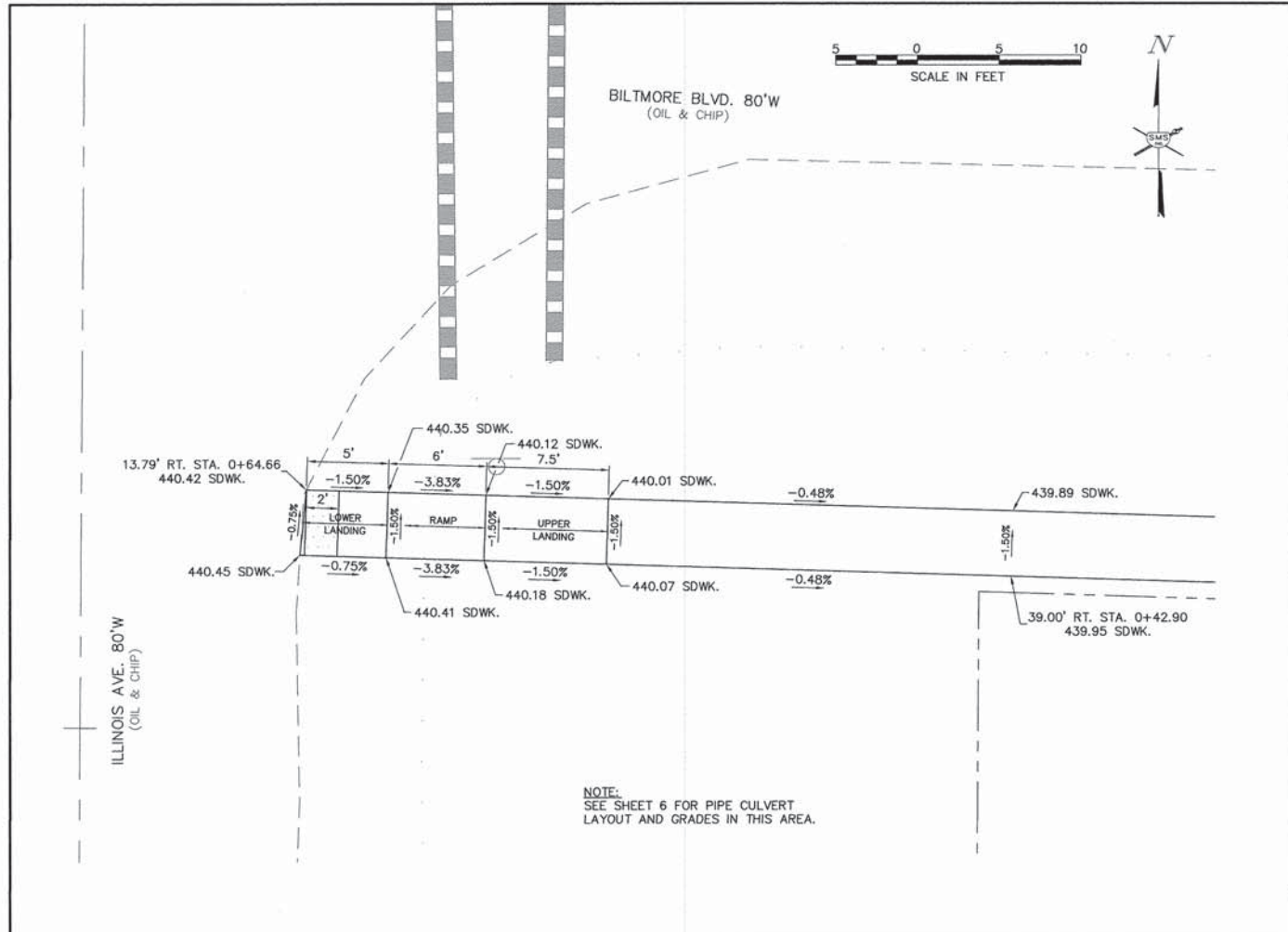
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	19
FEDERAL AID PROJECT		CONTRACT NO. 97588	

REVISIONS

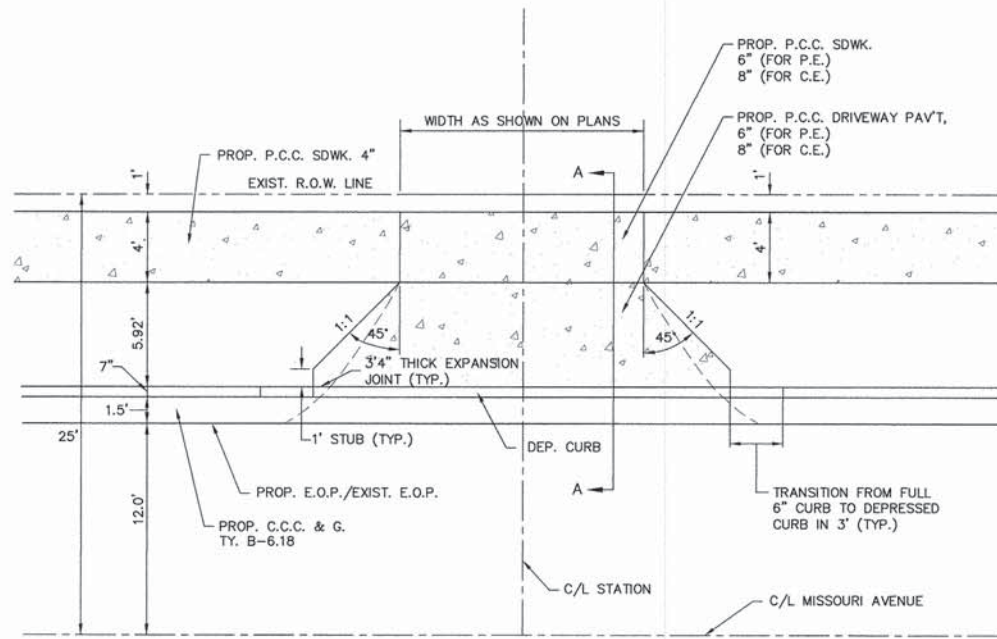
SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002 618-462-9755 E-mail: mail@smsengineers.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618-877-8700 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-00003-00-SW
 INTERSECTION DETAILS

DWG. NO.	DETAIL-INTERSECTIONS.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	GF
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	AS SHOWN
SHEET	19 OF 21

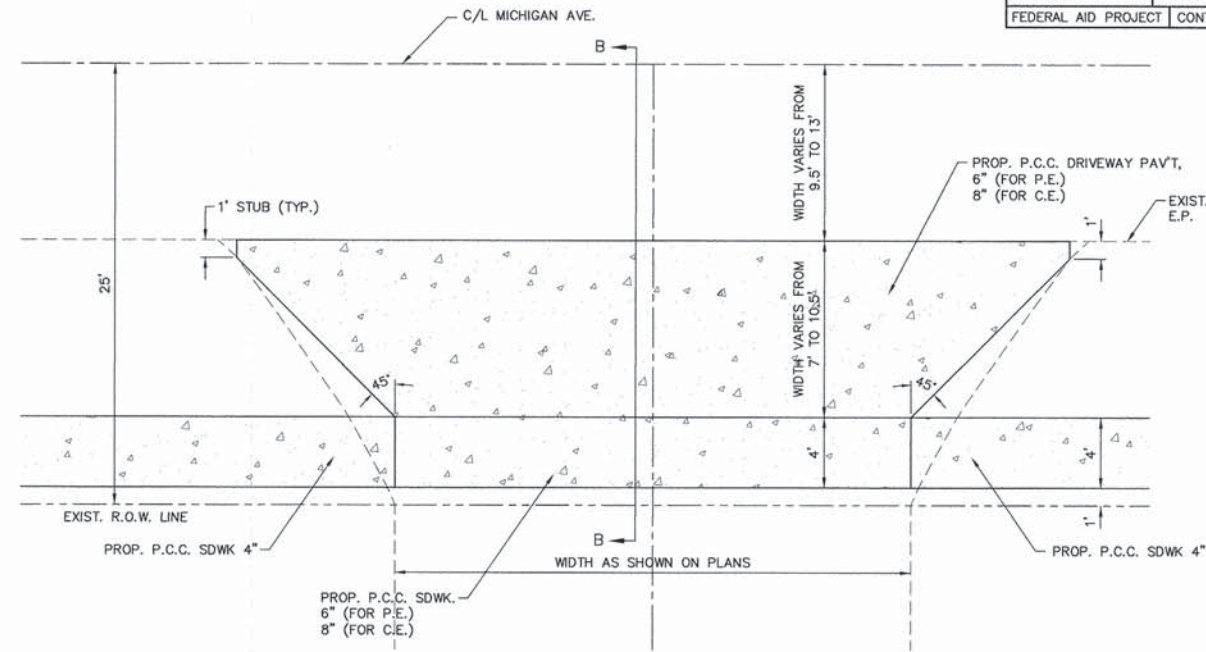


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-0003-00-SW	MADISON	21	20
FEDERAL AID PROJECT		CONTRACT NO. 97588	



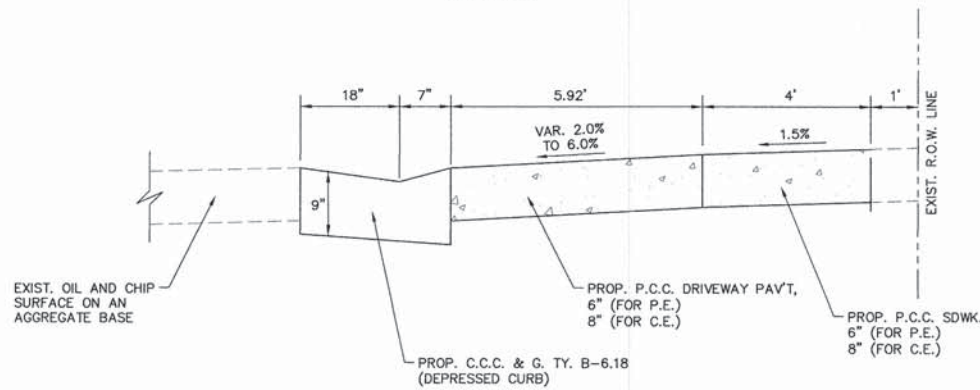
ENTRANCE DETAIL

SCALE: 1" = 5'
 TO BE USED: MISSOURI AVE.
 C.E.R. 4+20.00
 C.E.R. 4+98.00



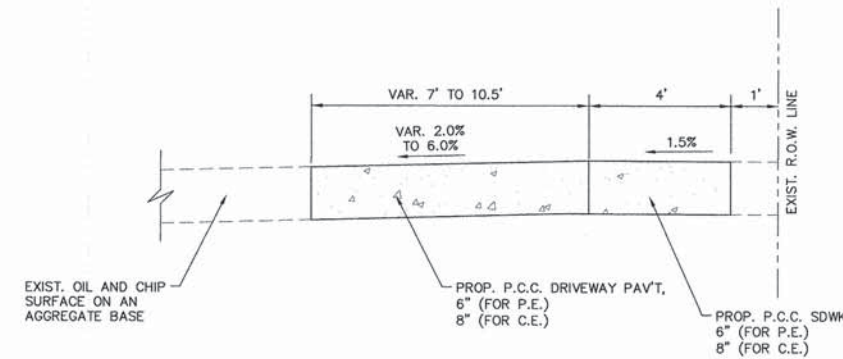
ENTRANCE DETAIL

SCALE: 1" = 5'
 TO BE USED: MICHIGAN AVE.
 P.E.L. 3+35.70



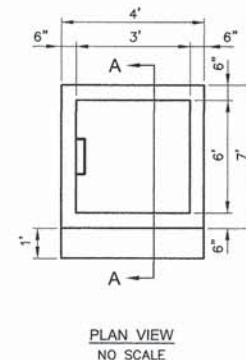
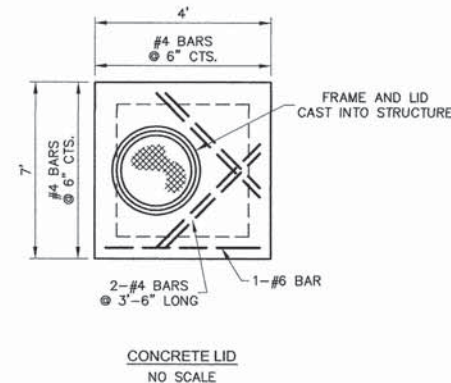
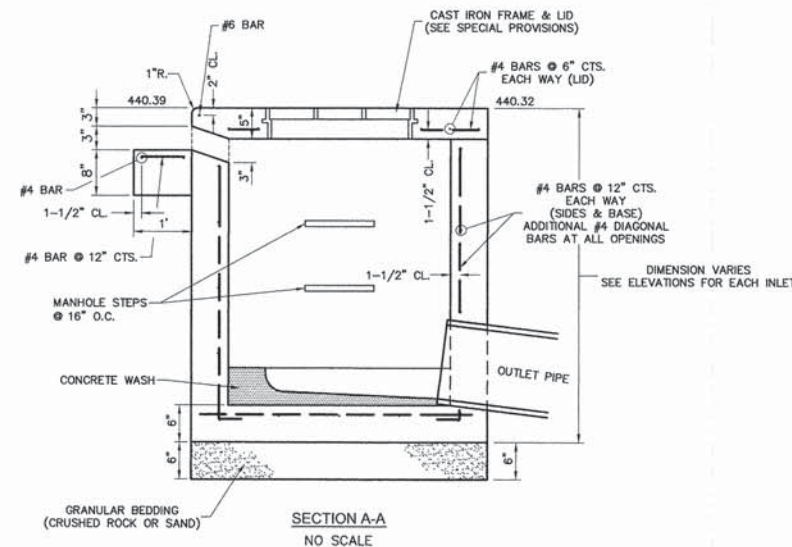
SECTION A-A

SCALE: N.T.S.



SECTION B-B

SCALE: N.T.S.



DETAIL: INLETS, SPECIAL, NO. 2

TO BE USED: RT. STA. 4+57.50, MISSOURI AVE.

REVISIONS

Sheppard, Morgan & Schwaab, Inc.
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 215 Market Street, P.O. Box E, Alton, IL 62002 618425-9755 E-mail: mail@smgsheppard.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618877-8700 E-mail: mail@smgsheppard.com
 DESIGN FIRM # 184-000992

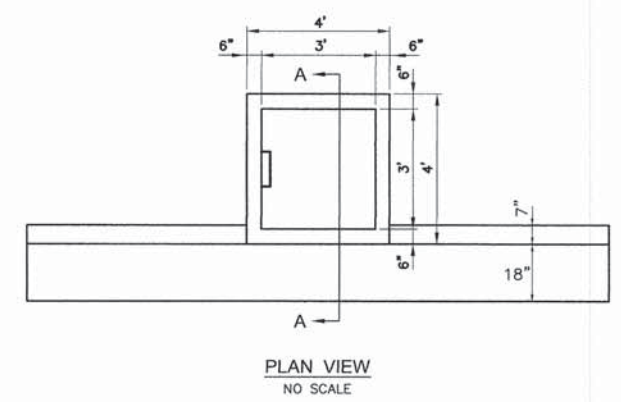
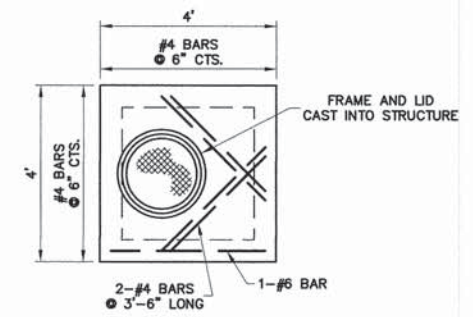
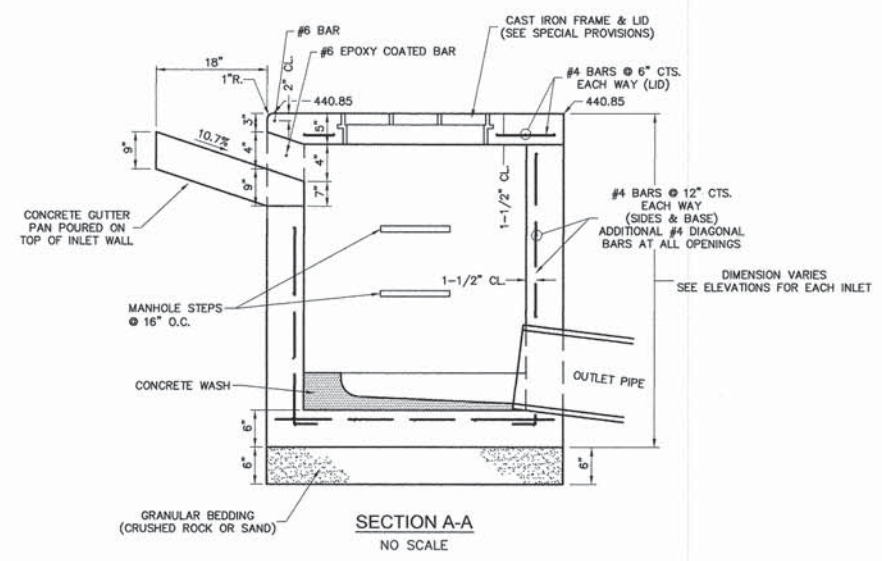
SMS ENGINEERS

VILLAGE OF SOUTH ROXANA
 SIDEWALK IMPROVEMENTS
 SECTION 12-0003-00-SW
 DETAILS OF CONSTRUCTION

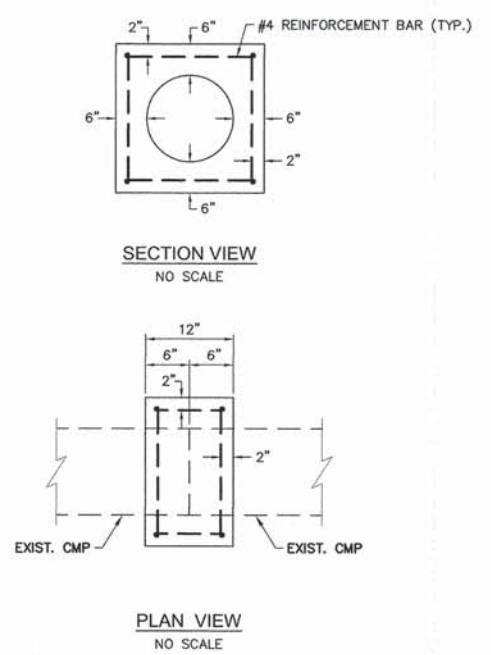
DWG. NO.	CONSTRUCTION DETAIL S.DWG.
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	JLK
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	NOT TO SCALE
SHEET	20 OF 21

S:\Land Projects\15. ROXANA (478227.0) SAFE ROUTE\DWG\Construction Details.dwg, 2/27/2015 9:06:18 AM, jiman, 15

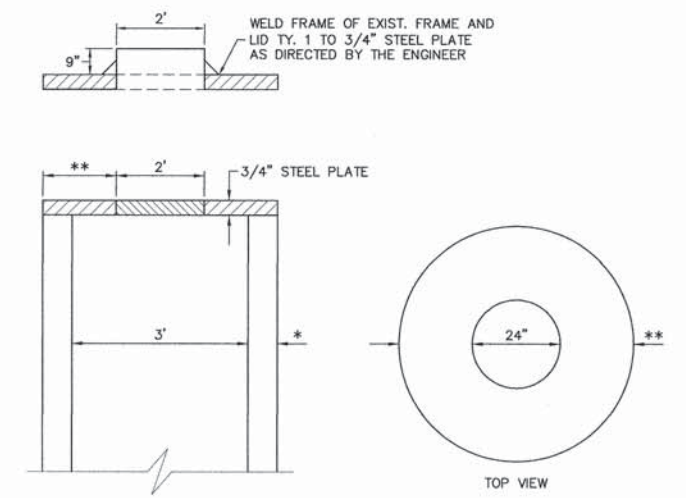
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00003-00-SW	MADISON	21	21
FEDERAL AID PROJECT		CONTRACT NO. 97588	



DETAIL: INLETS, SPECIAL, NO. 1
TO BE USED: RT. STA. 5+26.93, MISSOURI AVE.

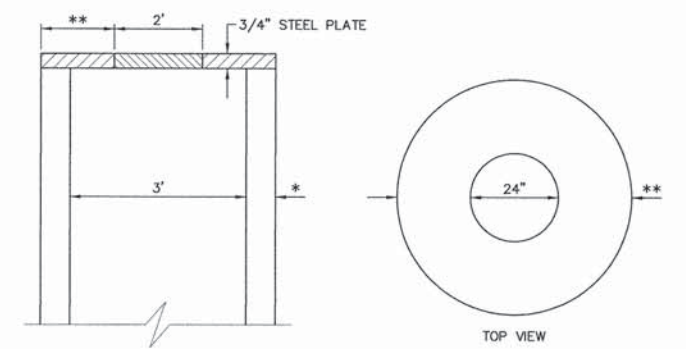


DETAIL: CONCRETE COLLAR
TO BE USED: RT. STA. 4+49.50, MISSOURI AVE.
RT. STA. 13+15.27, HERBERT ST.



* SEE HIGHWAY STANDARD 602306 FOR ADDITIONAL DETAILS AND ALTERNATE MATERIALS FOR WALLS
** DEPENDS ON WALL THICKNESS

DETAIL: INLETS, SPECIAL, NO. 2
TO BE USED: RT. STA. 4+57.50



* SEE HIGHWAY STANDARD 602306 FOR ADDITIONAL DETAILS AND ALTERNATE MATERIALS FOR WALLS
** DEPENDS ON WALL THICKNESS

DETAIL: INLETS, SPECIAL, NO. 4
TO BE USED: RT. STA. 6+78.17, HERBERT ST.

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
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10 Central Expressway, Suite 1, Glenview, IL 60045
E-mail: mail@smsengineers.com
E-mail: msm@smsengineers.com
DESIGN FIRM # 184-000992

VILLAGE OF SOUTH ROXANA
SIDEWALK IMPROVEMENTS
SECTION 12-00003-00-SW
DETAILS OF CONSTRUCTION

DWG. NO.	CONSTRUCTION DETAILS 2.DWG
REF. BK.	PG.
JOB NO.	478227.0
DSN. BY:	LDA
DWN. BY:	JLK
CHK. BY:	LDA
DATE:	FEBRUARY, 2015
SCALE:	NOT TO SCALE
SHEET	21 OF 21