

CONTRACT NO. 97526
FEDERAL AID PROJECTS

FOR UTILITY LOCATION PURPOSES, THIS PROJECT IS LOCATED IN THE SOUTH HALF OF FRACTIONAL SECTION 19, TOWNSHIP 5 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 *).

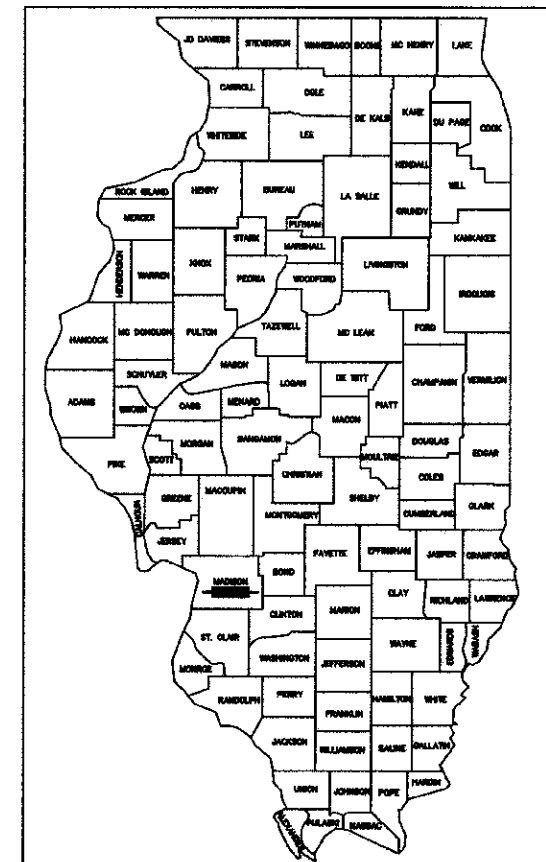
- * CHARTER COMMUNICATIONS
4767 SIGNATURE INDUSTRIAL DRIVE
EDWARDSVILLE, IL 62025
(618) 307-5730
- * WOOD RIVER PUBLIC SERVICES
501 WEST FERGUSON AVENUE
WOOD RIVER, IL 62095
(618) 251-3122
WATER, STORM SEWER, & SANITARY SEWER
- * AT&T COMMUNICATIONS
203 GOETHE
COLLINGSVILLE, IL 62234
(618) 346-6400
- * AMEREN ILLINOIS
2800 N. CENTER STREET
MARYVILLE, IL 62062
(618) 346-1244 (GAS)
- * AMEREN ILLINOIS
700 OAKWOOD AVENUE
P.O. BOX 478
ALTON, IL 62002
(800) 325-7002 (ELECTRIC)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
FEDERAL AID HIGHWAY
FERGUSON AVE. RESURFACING
F.A.U. 8971 (FERGUSON AVE.)

SECTION 10-00047-02-RS
FEDERAL PROJECT NO. M-5011(335)
CITY OF WOOD RIVER
MADISON COUNTY
JOB C-98-340-11

INDEX TO SHEETS

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LOCATION OF SECTION INDICATED THUS:-



PROJECT ENDS STA. 49+02.50

PROJECT BEGINS STA. 9+70

OMISSION STA. 34+73 TO 43+67

LOCATION MAP

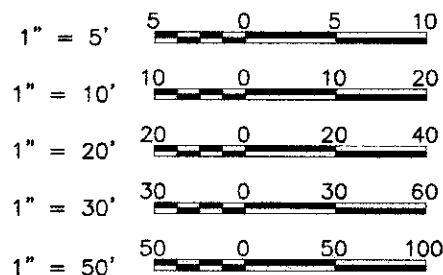
NOT TO SCALE

GROSS LENGTH OF PROJECT = 3,932.50' (0.745 MILES)
OMISSION = 894.00' (0.169 MILES)
NET LENGTH OF PROJECT = 3,038.50' (0.576 MILES)

HIGHWAY STANDARDS

SEE SHEET NO. 2

SCALES

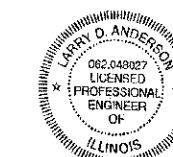


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS THE ABOVE SCALES MAY BE USED.

2012 ADT = 3,200 % TRUCKS = 1
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
DESIGN SPEED = 35 M.P.H.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION - DIVISION OF HIGHWAYS	
APPROVED: <i>4-10-13</i>	20
<i>Robert J. ...</i> CITY OF WOOD RIVER, MAYOR	
PASSED: <i>April 23</i>	20 <i>13</i>
<i>Jeffrey E. Kiern</i> DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS	
APPROVED: <i>April 23</i>	20 <i>13</i>
<i>Jeffrey E. Kiern</i> JEFFREY E. KIERN, P.E. ACTING DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

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Larry D. Anderson

DATE SIGNED *4/10/2013*
EXPIRATION DATE *4/30/13*

SMS Sheppard, Morgan & Schwaab, Inc.
ENGINEERS 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 618/877-8700 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 GAL. / SQ. YD. FOR CONCRETE, H.M.A. AND OIL & CHIP SURFACES. SIDE STREETS WITH AGGREGATE BASES SHALL BE PRIMED USING 0.25 GAL./SQ. YD.
- PLAN QUANTITIES FOR AGGREGATE (PRIME COAT) WERE BASED ON USING 3 LBS. / SQ. YD. FOR CONCRETE, H.M.A. AND OIL & CHIP. SIDE STREETS WITH AGGREGATE BASES SHALL BE PRIMED AT 5 LBS./SQ. YD.
- ALL PROPOSED STORM SEWERS SHALL BE REINFORCED CONCRETE CULVERT PIPE.
- FOR SIMPLICITY, STORM SEWER REMOVAL LENGTHS SHOWN ON THE PLANS ARE FROM CENTER TO CENTER OF STRUCTURES. ACTUAL STORM SEWER REMOVED WILL BE LESS. MEASUREMENT FOR PAYMENT PURPOSES SHALL BE ACCORDING TO ARTICLE 551.05.
- SIDEWALKS CROSSING ENTRANCES AND SCHEDULED FOR REMOVAL WILL BE PAID FOR PER SQ. FT. FOR SIDEWALK REMOVAL. REPLACEMENT OF THE SIDEWALK ACROSS THE ENTRANCE WILL BE PAID FOR AS PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH.
- THE CONTRACTOR HAS THE OPTION OF USING CONCRETE OR HOT-MIX ASPHALT FOR THE BASE COURSE WIDENING 11". IF THE CONTRACTOR ELECTS TO USE HOT-MIX ASPHALT, THEN HE/SHE SHALL USE THE MIX DESIGN FOR BINDER.
- THE ENGINEER SHALL RECORD ALL AREAS OF NO PARKING BEFORE H.M.A. REMOVAL OPERATIONS BEGIN.

SUMMARY OF QUANTITIES

C.O.D.E. NO.	CONSTRUCTION TYPE CODE ITEM	ROADWAY 75% FED/25% LOCAL	
		UNIT	TOTAL QUANTITY
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10
20800150	TRENCH BACKFILL	CU YD	110
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	21
35650510	BASE COURSE WIDENING 11"	SQ YD	119
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,373
40600300	AGGREGATE (PRIME COAT)	TON	20.6
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	100
40600990	TEMPORARY RAMP	SQ YD	307
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,538
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	167
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5,245
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	51
42400800	DETECTABLE WARNINGS	SQ FT	333
44000100	PAVEMENT REMOVAL	SQ YD	127
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	13,438
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	196
44000300	CURB REMOVAL	FOOT	461
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	280
44000600	SIDEWALK REMOVAL	SQ FT	5,223
44201773	CLASS D PATCHES, TYPE I, 11 INCH	SQ YD	58.4
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	249.3
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	38.7
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	124.6
50901760	PIPE HANDRAIL	FOOT	28
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	73
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	138
55100400	STORM SEWER REMOVAL 10"	FOOT	38
55100500	STORM SEWER REMOVAL 12"	FOOT	26
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	4
60255500	MANHOLES TO BE ADJUSTED	EACH	7
60280100	INLETS TO BE ADJUSTED	EACH	2
60280500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	1
60500105	FILLING MANHOLES	EACH	2
60500305	FILLING INLETS	EACH	4
60600605	CONCRETE CURB, TYPE B	FOOT	708
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	41
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	13
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	284
67100100	MOBILIZATION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	542
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	9,684
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,261
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	206
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	90
72000100	SGN PANEL-TYPE 1	SQ FT	108
72900200	METAL POST - TYPE B	FOOT	361
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,884
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,261
78000850	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	206
X0328859	PAVEMENT IMPRINTING	SQ YD	165
X5011100	FOUNDATION REMOVAL	EACH	2
X6060505	CONCRETE CURB SPECIAL	FOOT	14.4
X6060052	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	6
X7010218	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

* SPECIALTY ITEM

COMMITMENTS

NONE

HIGHWAY STANDARDS

280001-07	606001-05
424001-07	701201-04
424006-01	701301-04
424016-01	701501-06
424021-01	701801-05
424028-01	701901-02
424031-01	720006-03
442201-03	720011-01
602301-03	729001-01
604006-04	780001-03

MIX DESIGNS

MIXTURE USE	SURFACE
AC/FG	PG 64-22
RAP% (MAX.)	10%
DESIGN AIR VOIDS	4.0% @ NDES=70
MIX COMPOSITION	MIX C
FRICITION AGG.	MIX C

MIXTURE USE	LEVELING BINDER
AC/FG	PG 64-22
RAP% (MAX.)	10%
DESIGN AIR VOIDS	4.0% @ NDES=70
MIX COMPOSITION	IL-4.75
FRICITION AGG.	MIX C

MIXTURE USE	BINDER (BASE COURSE WIDENING 11")
AC/FG	PG 64-22
RAP% (MAX.)	15%
DESIGN AIR VOIDS	4.0% @ NDES=70
MIX COMPOSITION	IL-19.0
FRICITION AGG.	---

GENERAL LEGEND

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

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 #1	5000.0000	5000.0000	441.79	TOP OF CONCRETE MONUMENT
CP #2	4947.4070	4894.1130	438.77	CUT "X" IN CONCRETE
CP #12	4950.7237	3264.2092	431.80	CUT "X" IN CONCRETE
CP #41	4890.5536	3308.4290	433.24	REBAR w/ SMS CAP
CP #45	4991.4554	5854.4041	445.44	TOP OF MAG NAIL
CP #46	4999.3429	6066.9023	447.14	CUT "X" IN CONCRETE
CP #47	4999.2427	6520.4163	445.88	CUT "X" IN CONCRETE
CP #48	4994.9752	6948.4679	446.06	CUT "X" IN CONCRETE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	2

CONTRACT NO. 97526

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 210 Market Street, P.O. Box 2, Alton, IL 62002 618/462-3756 E-mail: mail@smseng.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618/877-5700 E-mail: mail@smseng.com
 DESIGN FIRM # 1B4-000992

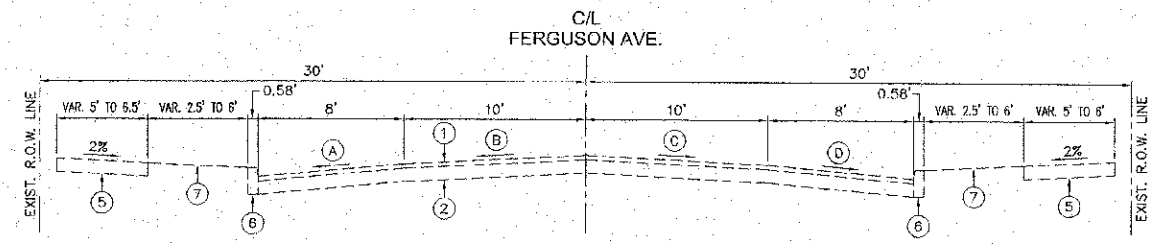
CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 GENERAL NOTES, SUMMARY OF QUANTITIES, HIGHWAY STANDARDS,
 MIX DESIGNS, LEGEND & CONTROL POINTS

DWG. NO.	LPWOOD RIVER 488044
GENERAL NOTES.DWG	
REF. DR. PG.	
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013

SCALE: NOT TO SCALE

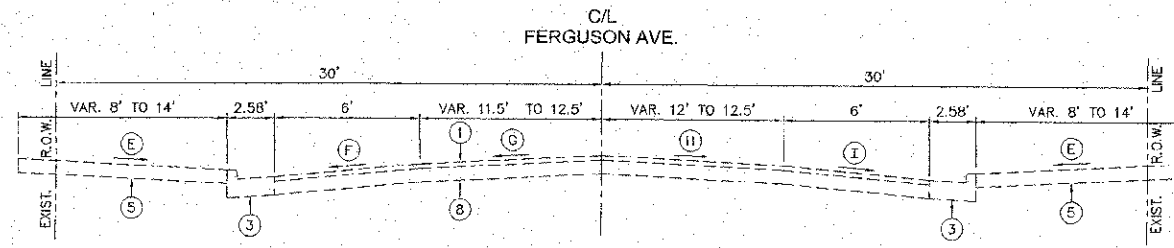
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	3

CONTRACT NO. 97526



- (A) VARIES 3.06% TO 7.26%
- (B) VARIES 0.08% TO 3.36%
- (C) VARIES 0.00% TO 3.30%
- (D) VARIES 0.53% TO 7.11%

EXISTING TYPICAL SECTION
TO BE USED: STA. 9+70 TO STA. 30+00



- (E) VARIES 1% TO 2%
- (F) VARIES 2.75% TO 4.50%
- (G) VARIES 1.92% TO 3.88%
- (H) VARIES 2.19% TO 4.60%
- (I) VARIES 0.53% TO 5.38%

EXISTING TYPICAL SECTION
TO BE USED: STA. 30+00 TO STA. 34+73
STA. 43+67 TO STA. 49+02.5

OMISSION: STA. 34+73 TO STA. 43+67

- (1) EXIST. H.M.A. RESURFACING, 3"
- (2) EXIST. P.C.C. PAVEMENT, 7"
- (3) EXIST. C.C.C. & G. TY. B-6,24
- (4) EXIST. BRICK PAVER SIDEWALK
- (5) EXIST. P.C.C. SIDEWALK 4"
- (6) EXIST. TY. B CONC. CURB
- (7) EXIST. GROUND LINE
- (8) EXIST. AGGREGATE BASE COURSE, 12"
- (9) PROP. LEVELING BINDER (MACHINE METHOD), N70
- (10) PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
- (11) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (12) PROP. BITUMINOUS MATERIALS (PRIME COAT)
- (13) PROP. AGGREGATE (PRIME COAT)
- (14) PROP. PAVEMENT MARKINGS

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002 618/462-2125 Fax: 618/462-2126
 90 Central Industrial Drive, Suite 3, Geneva, IL 60135 618/777-5200 Fax: 618/777-5200
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 EXISTING TYPICAL SECTIONS

DWG. NO.	LP\WOOD RIVER 488044\TYPICAL SECTIONS.DWG
REF. BK. PG.	
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAJ
CHK. BY:	LDA
DATE:	APRIL, 2013
SCALE:	NOT TO SCALE
SHEET	3 OF 45

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CONTRACT NO. 97526

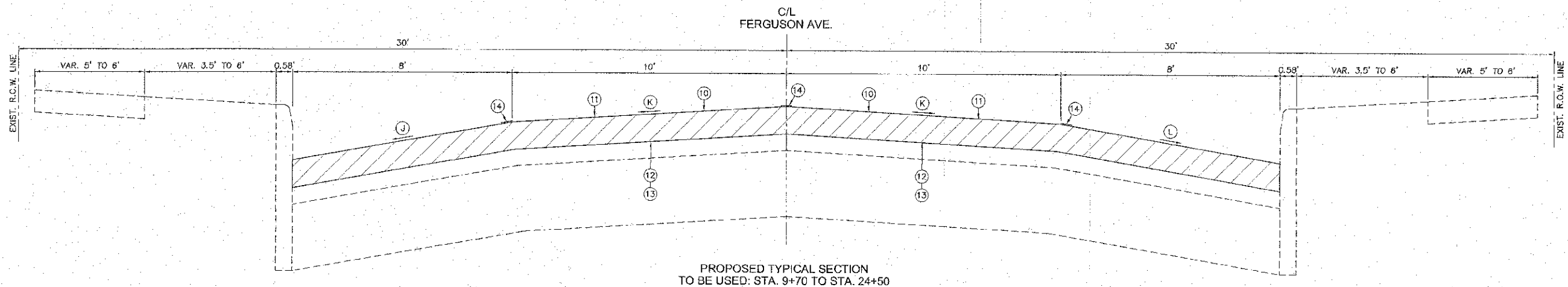
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- ③ EXIST. C.C.C. & G. (Y. B--6.24)
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REVISIONS

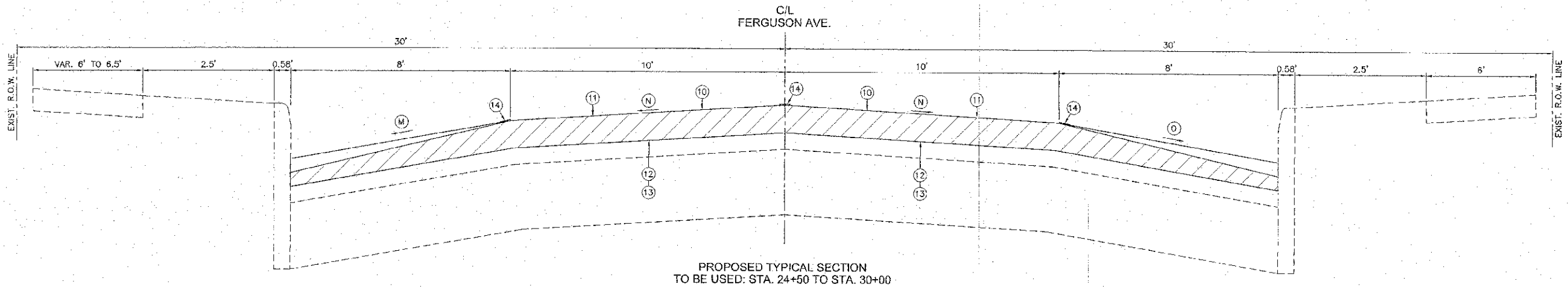
SMS ENGINEERS
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 CONSULTING ENGINEERS AND LAND SURVEYORS
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 10 Central National Drive, Suite 3, Granite City, IL 62040, 618677-6900, E-mail: ms@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 PROPOSED TYPICAL SECTIONS

DWG. NO. 10-00047-02-RS-04
 TYPICAL SECTIONS.DWG
 REF. BK. PG.
 JOB NO. 488044
 DSN. BY: LDA
 DWN. BY: CAD
 CHK. BY: LDA
 DATE: APRIL, 2013
 SCALE: NOT TO SCALE
 SHEET 4 OF 45



- ⓐ VARIES 2.50% TO 5.00%
- ⓑ 2.00%
- ⓒ VARIES 2.50% TO 5.75%



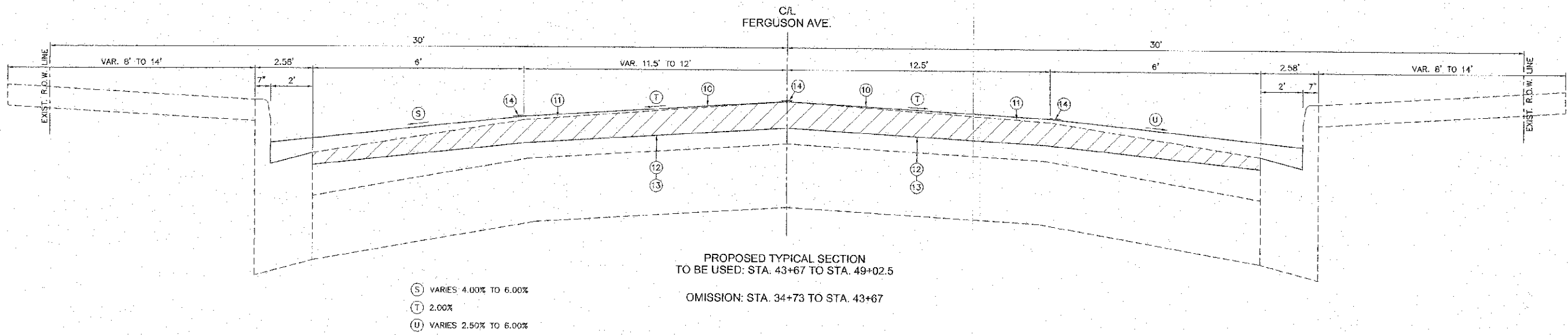
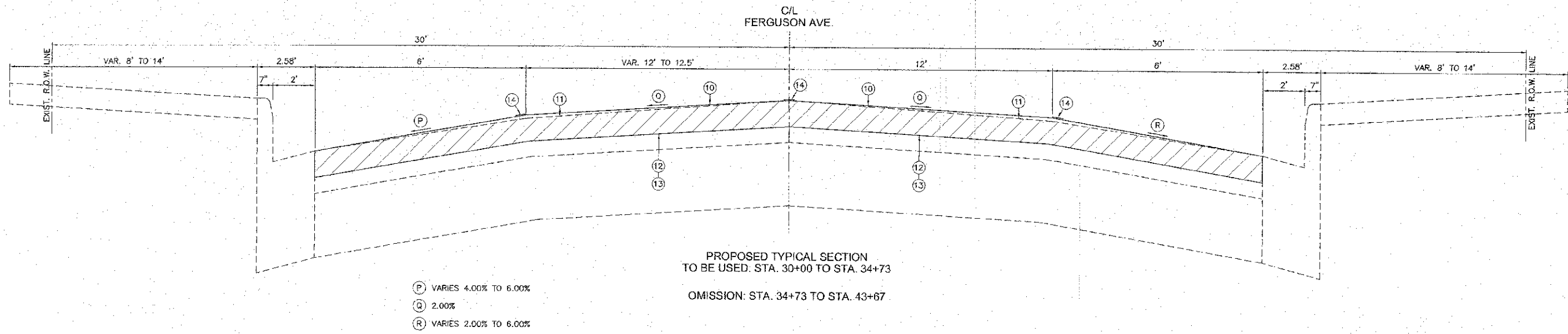
- ⓓ 6.00%
- ⓔ 2.00%
- ⓕ VARIES 5.00% TO 6.00%

S:\Land Projects\WOOD RIVER PS (488044)\FERGUSON PC RAMPS\dwg\typical sections.dwg, 4/15/2013 8:14:45 AM, jmanr, 15

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	5

CONTRACT NO. 97526

- ① EXIST. H.M.A. RESURFACING, 3"
- ② EXIST. P.C.C. PAVEMENT, 7"
- ③ EXIST. C.C.C. & G. TY. B-6.24
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- ⑥ EXIST. TY. B CONC. CURB
- ⑦ EXIST. GROUND LINE
- ⑧ EXIST. AGGREGATE BASE COURSE, 12"
- ⑨ PROP. LEVELING BINDER (MACHINE METHOD), N70
- ⑩ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
- ⑪ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑫ PROP. BITUMINOUS MATERIALS (PRIME COAT)
- ⑬ PROP. AGGREGATE (PRIME COAT)
- ⑭ PROP. PAVEMENT MARKINGS



REVISIONS

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DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
PROPOSED TYPICAL SECTIONS

DWG. NO.	LPWOOD RIVER 488044
TYPICAL SECTIONS.DWG	
REF. BK. PG.	
JOB NO.	488044
DSN. BY.	LDA
DWN. BY.	CAD
CHK. BY.	LDA
DATE:	APRIL 2013
SCALE:	NOT TO SCALE
SHEET	5 OF 45

PATCHING SCHEDULE

Table with columns: LOCATION, LENGTH (FEET), WIDTH (FEET), CLASS OF PATCHES, TYPE I, TYPE II, TYPE III, TYPE IV. Includes notes on patching requirements for storm sewer installation and removal.

SIDEWALK AND DRIVEWAY SCHEDULE

Table with columns: LOCATION, P.C.C. SIDEWALK 4 INCH (SQ. FT.), P.C.C. DRIVEWAY PAVEMENT 8 INCH (SQ. YD.), DETECTABLE WARNINGS (SQ. FT.).

PAVEMENT MARKING SCHEDULE

Table with columns: LOCATION, THERMOPLASTIC PAVEMENT MARKING LINE 4", THERMO. PAVEMENT MARKING LINE 12" WHITE (FOOT), THERMO. PAVEMENT MARKING LINE 24" WHITE (FOOT).

ADJUSTMENT SCHEDULE

Table with columns: LOCATION, INLETS TO BE ADJUSTED (EACH), INLETS TO BE ADJUSTED WITH NEW TY. 3" & 5" (EACH), MANHOLES TO BE ADJUSTED (EACH).

REMOVAL SCHEDULE

Table with columns: LOCATION, PAVEMENT REMOVAL (SQ. YD.), BASE COURSE WIDENING 1" (SQ. YD.), DRIVEWAY PAVEMENT REMOVAL (SQ. YD.), CURB REMOVAL (FOOT), C.C. & G. REMOVAL (FOOT), SIDEWALK REMOVAL (SQ. FT.), FOUNDATION REMOVAL (EACH).

CURB AND GUTTER SCHEDULE

Table with columns: LOCATION, CONCRETE CURB TYPE B (FOOT), C.C. & G. TYPE B-6.12 (FOOT), C.C. & G. TYPE B-6.19 (FOOT), C.C. & G. TYPE B-6.24 (FOOT), CONCRETE CURB SPECIAL (FOOT), C.C. & G. TYPE B-6.24 (SPECIAL) (FOOT).

SIGN SCHEDULE

Table with columns: LOCATION, METAL POST TYPE B (FOOT), SIGN PANEL TYPE 1 SIZE (SQ. FT.), REMARKS. Includes details on sign types, sizes, and locations.

Summary table with columns: F.A.U. RFE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 8971, 10-00047-02-RS, MADISON, 45, 6.

CONTRACT NO. 97526

SMS ENGINEERS logo and contact information for Sheppard, Morgan & Schwaab, Inc. including address and phone number.

CITY OF WOOD RIVER, ILLINOIS FERGUSON AVENUE RESURFACING SECTION 10-00047-02-RS SCHEDULES

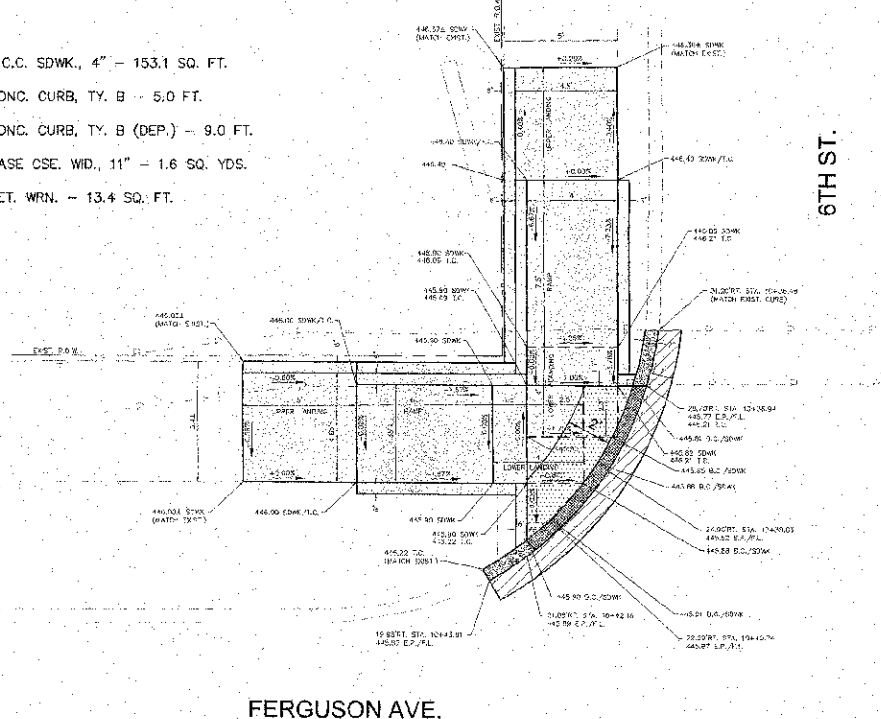
DWG. NO. LPWOOD RIVER 488044 GENERAL NOTES, DWG. NO. 488044 DSN. BY: LDA DOWN. BY: CAD DATE: APRIL 2013

SCALE: NOT TO SCALE SHEET 6 OF 45

F.A.U. RIE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	7

CONTRACT NO. 97526

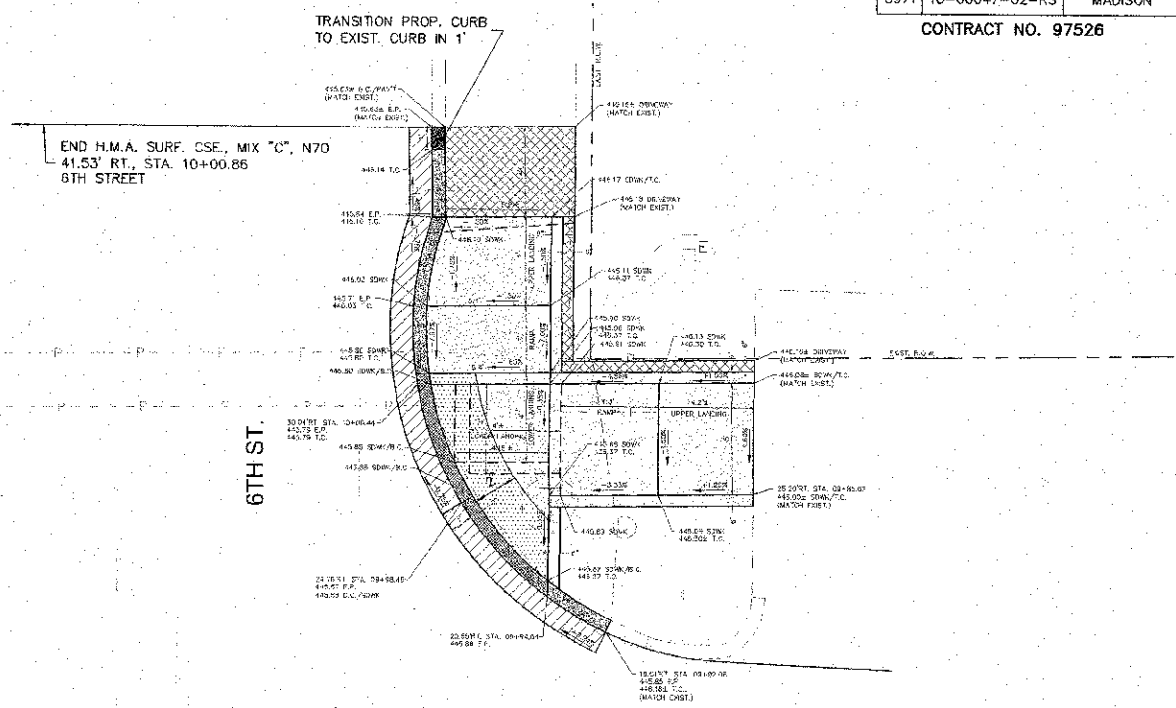
- PROP. P.C.C. SDWK., 4" - 153.1 SQ. FT.
- PROP. CONC. CURB, TY. B - 5.0 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 9.0 FT.
- PROP. BASE CSE. WID., 11" - 1.6 SQ. YDS.
- PROP. DET. WRN. - 13.4 SQ. FT.



FERGUSON AVE.

6TH ST.

PLAN SHEETS 7-12:
FOR DIMENSIONS, SLOPES, STA./OFFSETS AND ELEVATIONS
SEE INTERSECTION DETAILS, SHEETS 20-41



FERGUSON AVE.

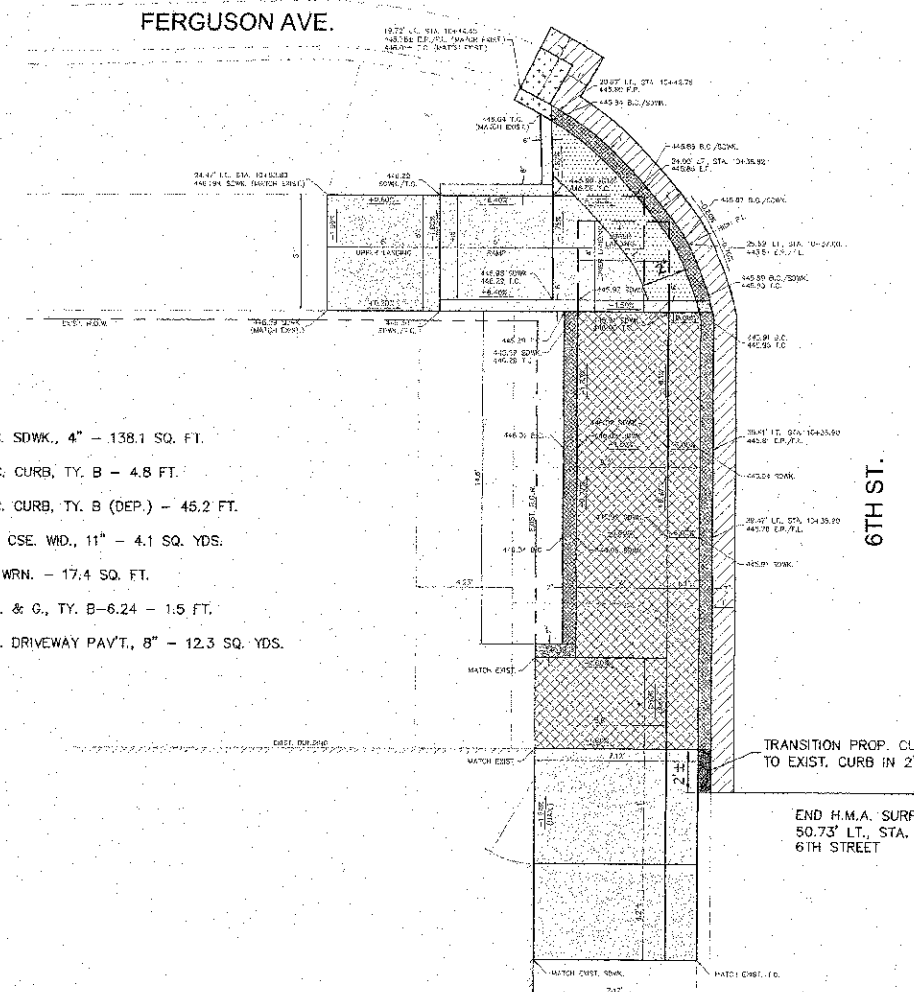
6TH ST.

- PROP. P.C.C. SDWK., 4" - 109.8 SQ. FT.
- PROP. CONC. CURB, TY. B - 14.1 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 11.9 FT.
- PROP. BASE CSE. WID., 11" - 2.9 SQ. YDS.
- PROP. DET. WRN. - 18.4 SQ. FT.
- PROP. P.C.C. DRIVEWAY PAVT., 8" - 3.4 SQ. YDS.

6TH ST. NW. QUAD

6TH ST. NE. QUAD

- PROP. P.C.C. SDWK., 4" - 138.1 SQ. FT.
- PROP. CONC. CURB, TY. B - 4.8 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 45.2 FT.
- PROP. BASE CSE. WID., 11" - 4.1 SQ. YDS.
- PROP. DET. WRN. - 17.4 SQ. FT.
- PROP. C.C.C. & C., TY. B - 6.24 - 1.5 FT.
- PROP. P.C.C. DRIVEWAY PAVT., 8" - 12.3 SQ. YDS.



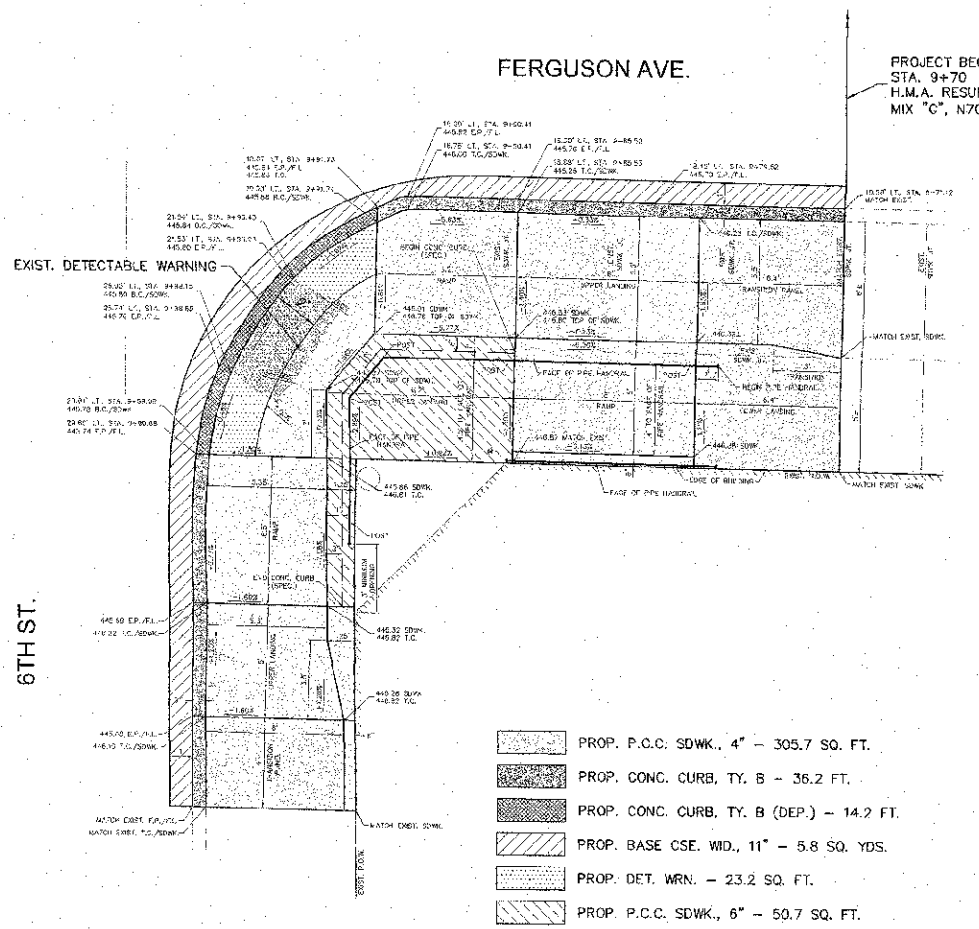
FERGUSON AVE.

6TH ST.

TRANSITION PROP. CURB
TO EXIST. CURB IN 2'±

END H.M.A. SURF. CSE., MIX "C", N70
50.73' LT., STA. 10+34.89
6TH STREET

6TH ST. SW. QUAD



FERGUSON AVE.

6TH ST.

- PROP. P.C.C. SDWK., 4" - 305.7 SQ. FT.
- PROP. CONC. CURB, TY. B - 36.2 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 14.2 FT.
- PROP. BASE CSE. WID., 11" - 5.8 SQ. YDS.
- PROP. DET. WRN. - 23.2 SQ. FT.
- PROP. P.C.C. SDWK., 6" - 50.7 SQ. FT.

6TH ST. SE. QUAD

SHEPPARD, MORGAN & SCHWAAB, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box 2, Alton, IL 62802-0002
 110 Central Expressway, Suite 3, Geneva, IL 60135
 11000 S. Main Street, Suite 3, Chicago, IL 60628
 11000 S. Main Street, Suite 3, Chicago, IL 60628
 DESIGN FIRM # 184-000992

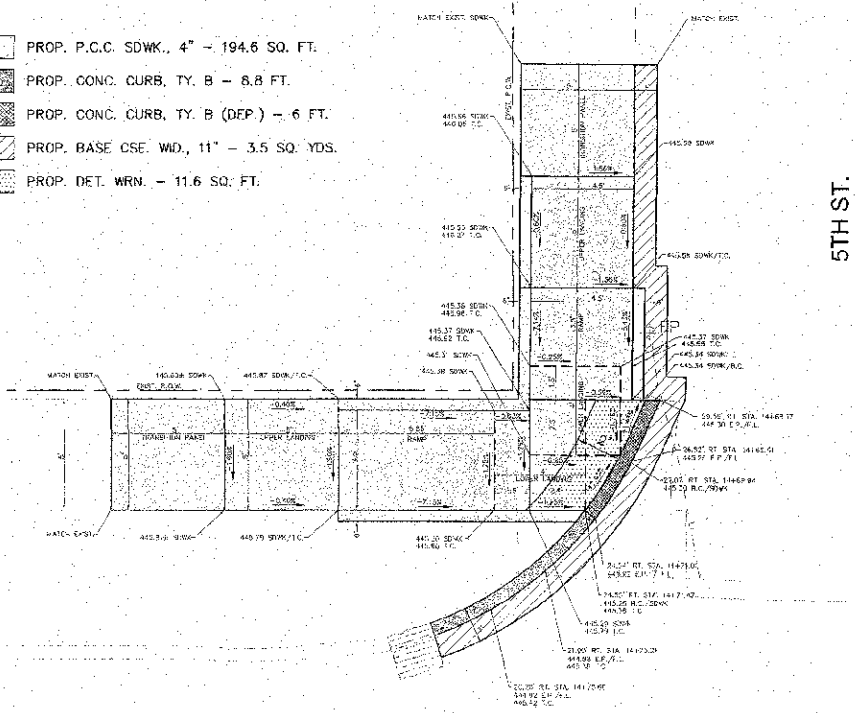
CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 PLAN

DWG. NO.	10-00047-02-RS
PLAN	FERGUSON 6TH.DWG
REF. BK.	PG.
JOB NO.	488044
DSM. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013
SCALE:	1" = 4'
SHEET	7 OF 45

S:\Land Projects\WOOD RIVER P5 (188044) FERGUSON H.C. RAMPS\dwg\PLAN FERGUSON 6TH.dwg, 4/15/2013 11:33:35 AM, lritman, 1:4

CONTRACT NO. 97526

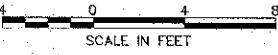
- PROP. P.C.C. SDWK., 4" - 194.6 SQ. FT.
- PROP. CONC. CURB, TY. B - 8.8 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 6 FT.
- PROP. BASE CSE. WD., 11" - 3.5 SQ. YDS.
- PROP. DET. WRN. - 11.6 SQ. FT.



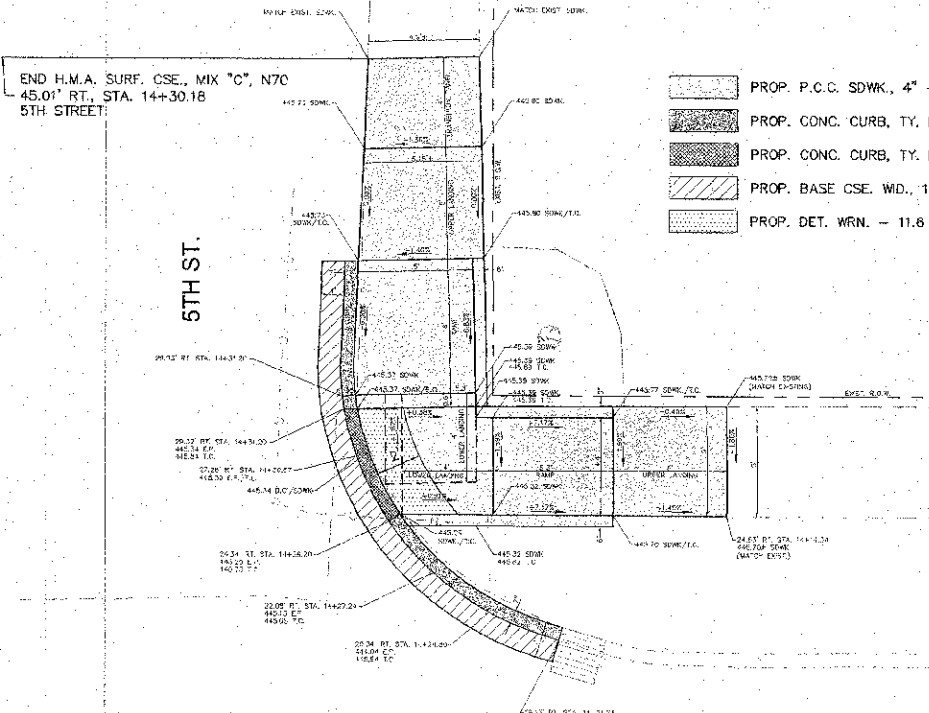
FERGUSON AVE.

5TH ST.

5TH ST. NW. QUAD



- PROP. P.C.C. SDWK., 4" - 163 SQ. FT.
- PROP. CONC. CURB, TY. B - 15.7 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 5.4 FT.
- PROP. BASE CSE. WD., 11" - 2.3 SQ. YDS.
- PROP. DET. WRN. - 11.6 SQ. FT.

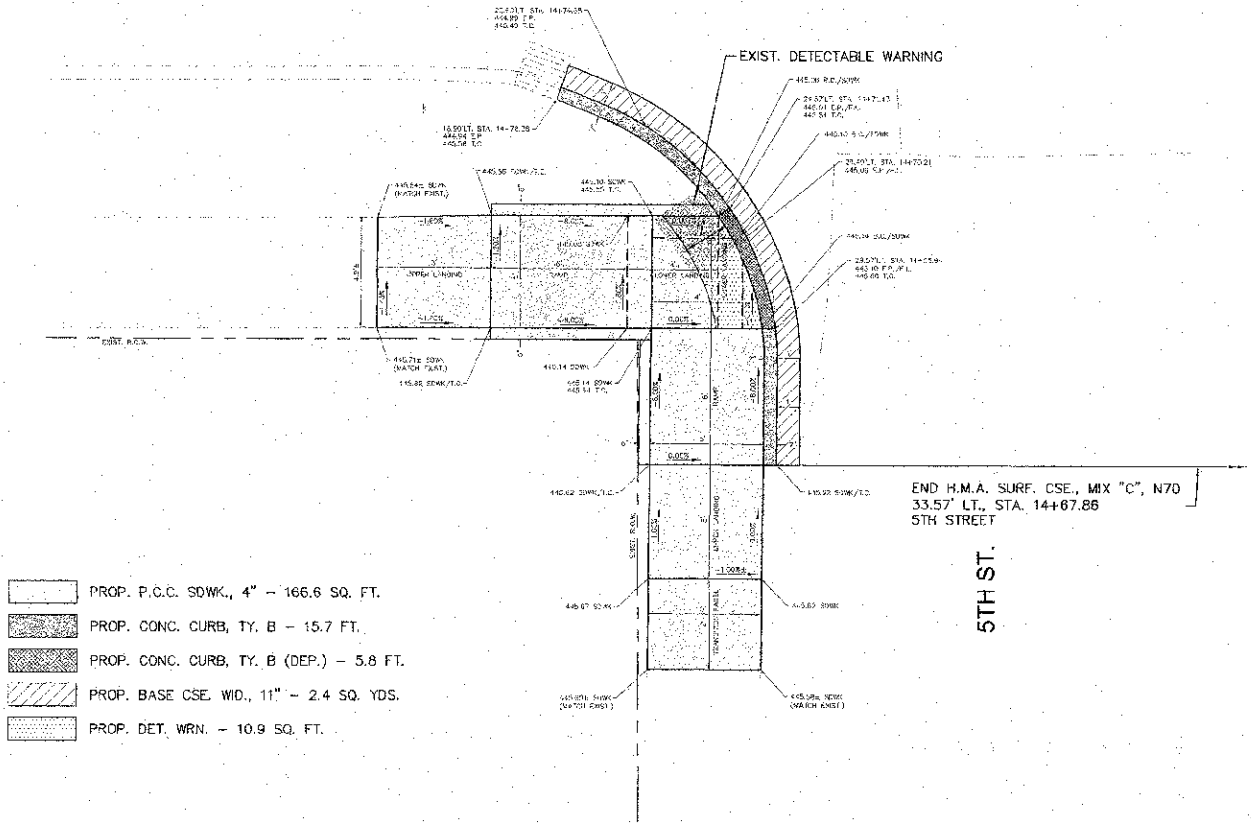


FERGUSON AVE.

5TH ST.

5TH ST. NE. QUAD

FERGUSON AVE.



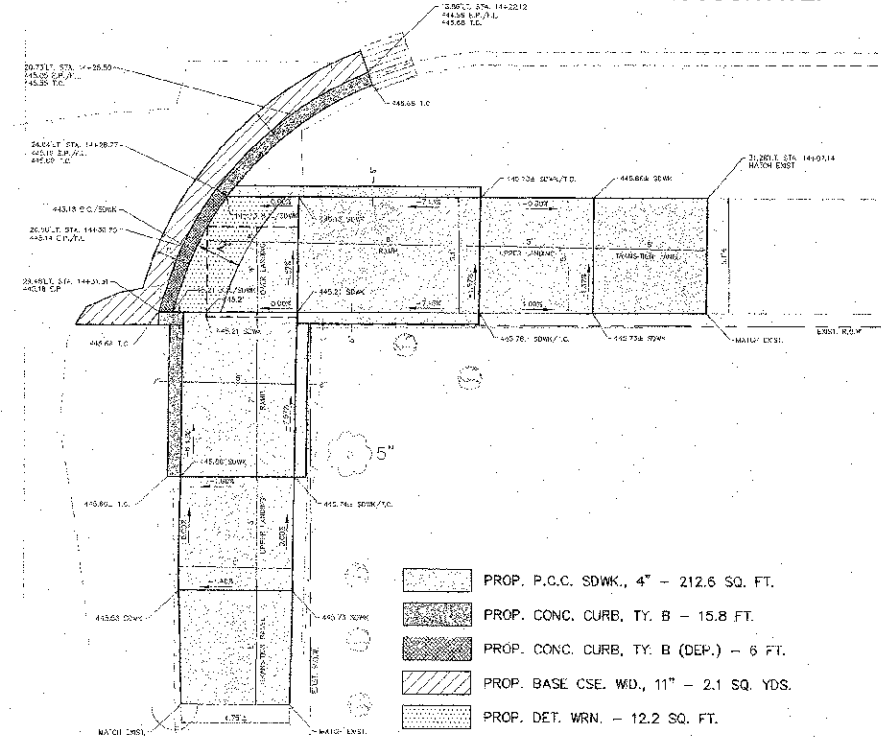
- PROP. P.C.C. SDWK., 4" - 166.6 SQ. FT.
- PROP. CONC. CURB, TY. B - 15.7 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 5.8 FT.
- PROP. BASE CSE. WD., 11" - 2.4 SQ. YDS.
- PROP. DET. WRN. - 10.9 SQ. FT.

END H.M.A. SURF. CSE., MIX "C", N70
33.57' LT., STA. 14+67.86
5TH STREET

5TH ST.

5TH ST. SW. QUAD

FERGUSON AVE.



- PROP. P.C.C. SDWK., 4" - 212.6 SQ. FT.
- PROP. CONC. CURB, TY. B - 15.8 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 6 FT.
- PROP. BASE CSE. WD., 11" - 2.1 SQ. YDS.
- PROP. DET. WRN. - 12.2 SQ. FT.

5TH ST. SE. QUAD

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, White, IL 62458
 41 Central Industrial Drive, Suite 5, Granite City, IL 62040
 (618) 433-3777
 Fax: (618) 433-3778
 E-mail: smse@smse.com
 DESIGN FIRM # 764-030992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 PLAN

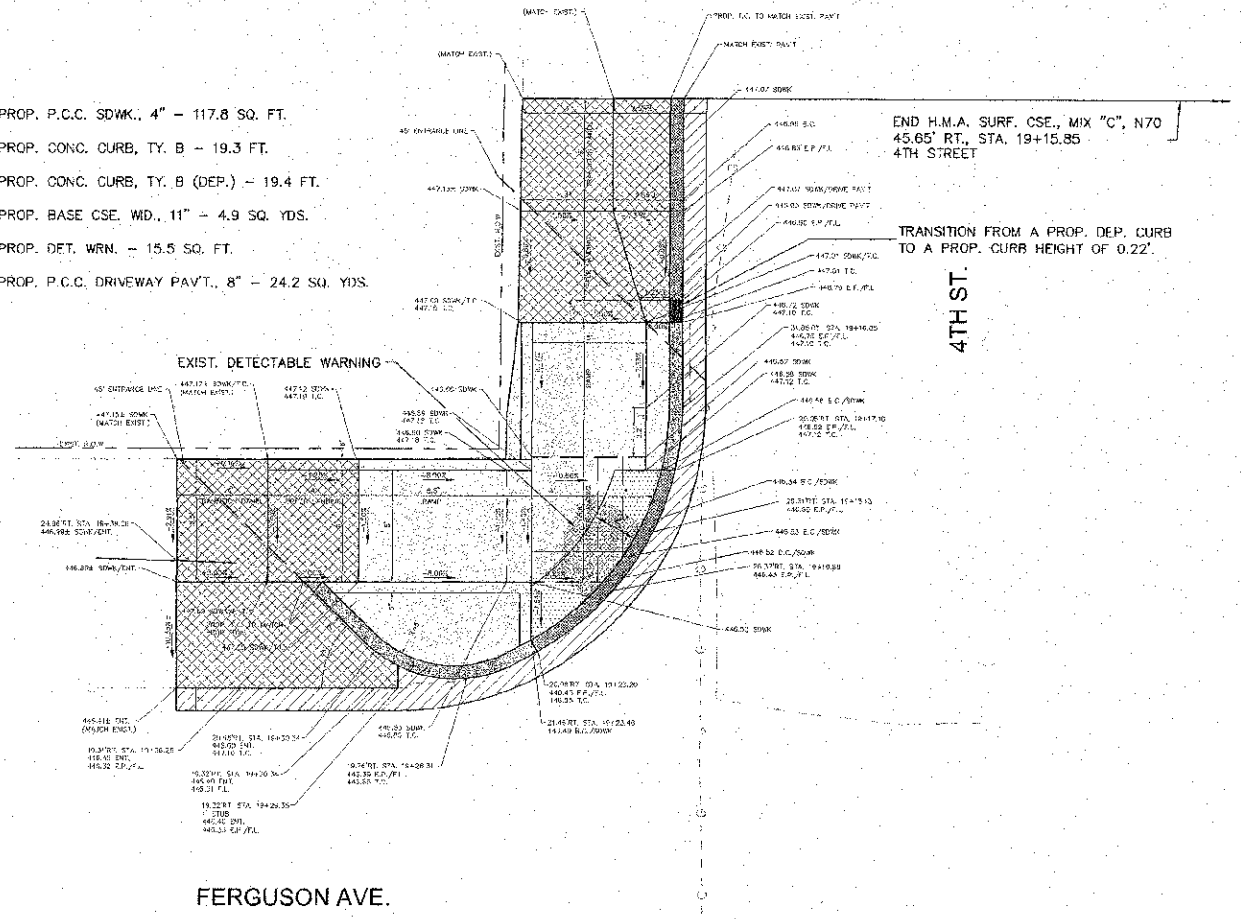
DWG. NO.	10-00047-02-RS
PLAN	FERGUSON 5TH.DWG
REF. BY	RG
JOB NO.	188044
DSN. BY	LDA
DWN. BY	CAD
CHK. BY	LDA
DATE	APRIL, 2013

SCALE: 1" = 4'
 SHEET 8 OF 45

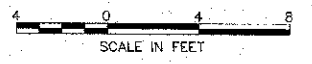
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	9

CONTRACT NO. 97526

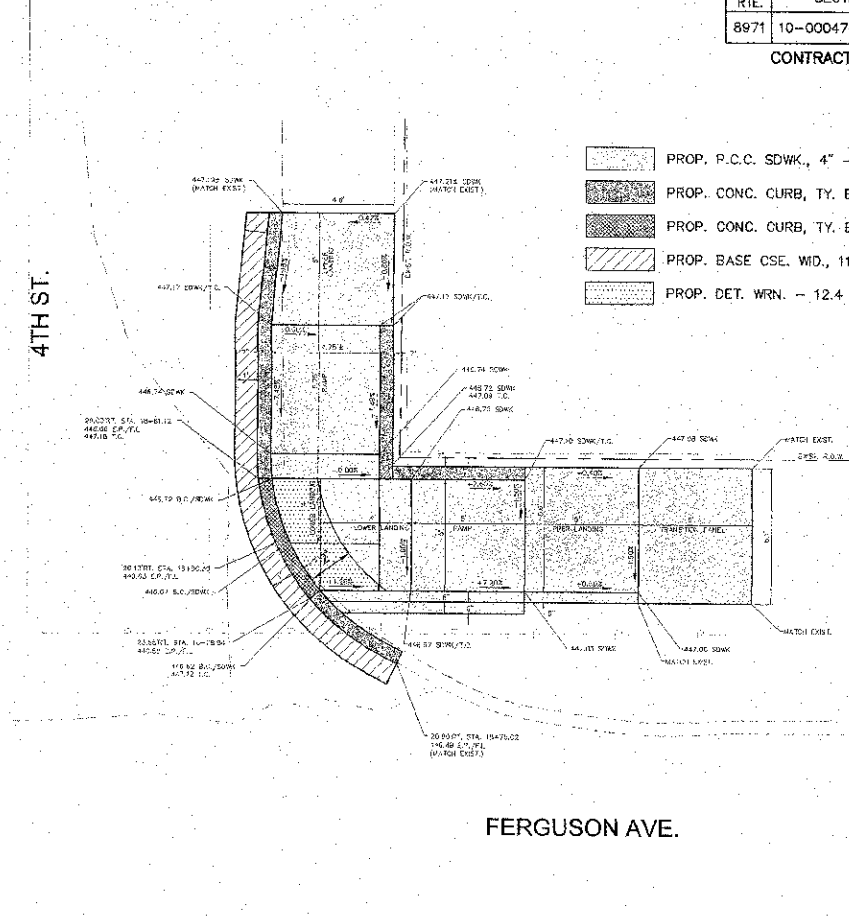
- PROP. P.C.C. SDWK., 4" - 117.8 SQ. FT.
- PROP. CONC. CURB, TY. B - 19.3 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 19.4 FT.
- PROP. BASE CSE. WD., 11" - 4.9 SQ. YDS.
- PROP. DET. WRN. - 15.5 SQ. FT.
- PROP. P.C.C. DRIVEWAY PAVT., 8" - 24.2 SQ. YDS.



4TH ST. NW. QUAD

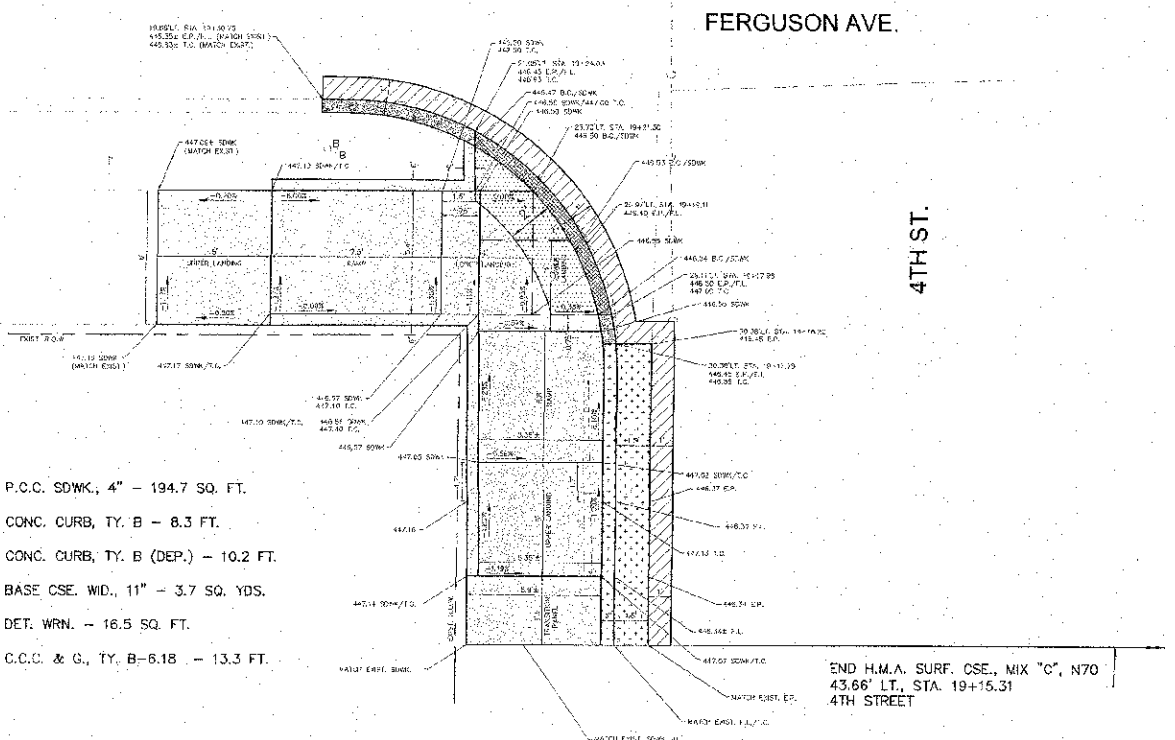


- PROP. P.C.C. SDWK., 4" - 195.2 SQ. FT.
- PROP. CONC. CURB, TY. B - 29.2 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 5.9 FT.
- PROP. BASE CSE. WD., 11" - 2.6 SQ. YDS.
- PROP. DET. WRN. - 12.4 SQ. FT.



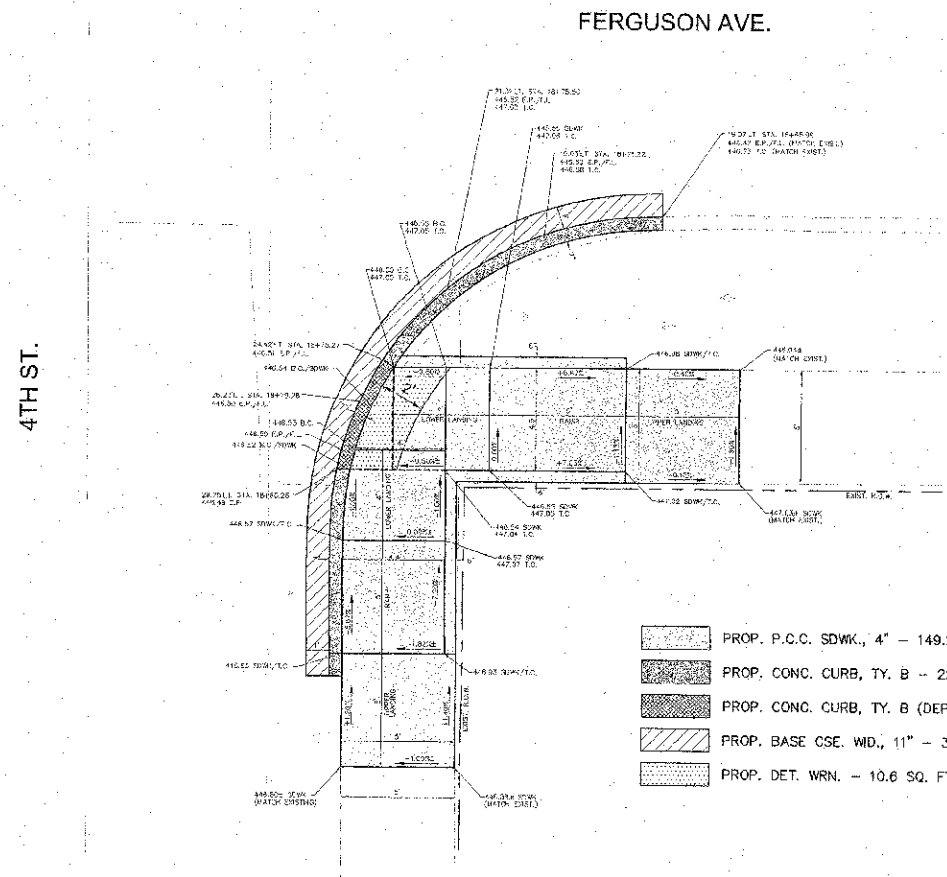
4TH ST. NE. QUAD

- PROP. P.C.C. SDWK., 4" - 194.7 SQ. FT.
- PROP. CONC. CURB, TY. B - 8.3 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 10.2 FT.
- PROP. BASE CSE. WD., 11" - 3.7 SQ. YDS.
- PROP. DET. WRN. - 16.5 SQ. FT.
- PROP. C.C.C. & G., TY. B-6.18 - 13.3 FT.



4TH ST. SW. QUAD

- PROP. P.C.C. SDWK., 4" - 149.2 SQ. FT.
- PROP. CONC. CURB, TY. B - 22.1 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 5.2 FT.
- PROP. BASE CSE. WD., 11" - 3.0 SQ. YDS.
- PROP. DET. WRN. - 10.6 SQ. FT.



4TH ST. SE. QUAD

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002, 618/462-2755, Fax: 618/462-2755
10 Central Industrial Drive, Suite 2, Granite City, IL 62040, 618/977-4700, Email: msl@smsengineers.com
DESIGN FIRM # 184-000992

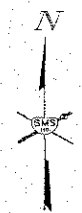
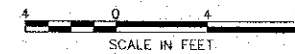
CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
PLAN

DWG. NO.	10-00047-02-RS
PLAN	FERGUSON 4TH.DWG
REF. BK.	PG.
JOB NO.	488044
DSN.	31: LDA
DRAWN BY:	CAO
CHK. BY:	LDA
DATE:	APRIL, 2013
SCALE:	1" = 4'
SHEET	9 OF 45

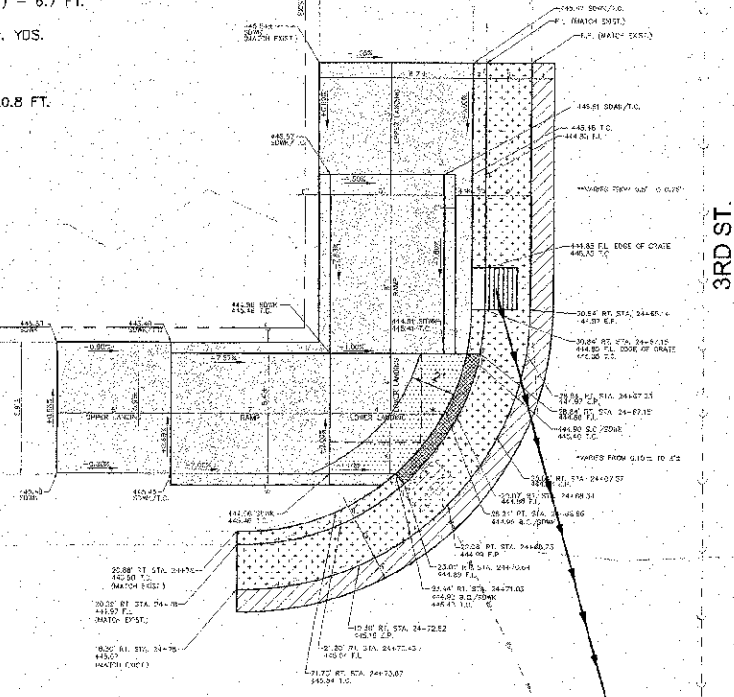
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	10

CONTRACT NO. 97526



- PROP. P.C.C. SDWK., 4" - 186.4 SQ. FT.
- PROP. C.C.C. & G. TY. B-6.24 (DEP.) - 6.7 FT.
- PROP. BASE CSE. WD., 11" - 3.6 SQ. YDS.
- PROP. DET. WRN. - 15.2 SQ. FT.
- PROP. C.C.C. & G. TY. B-6.24 - 20.8 FT.



FERGUSON AVE.

3RD ST.

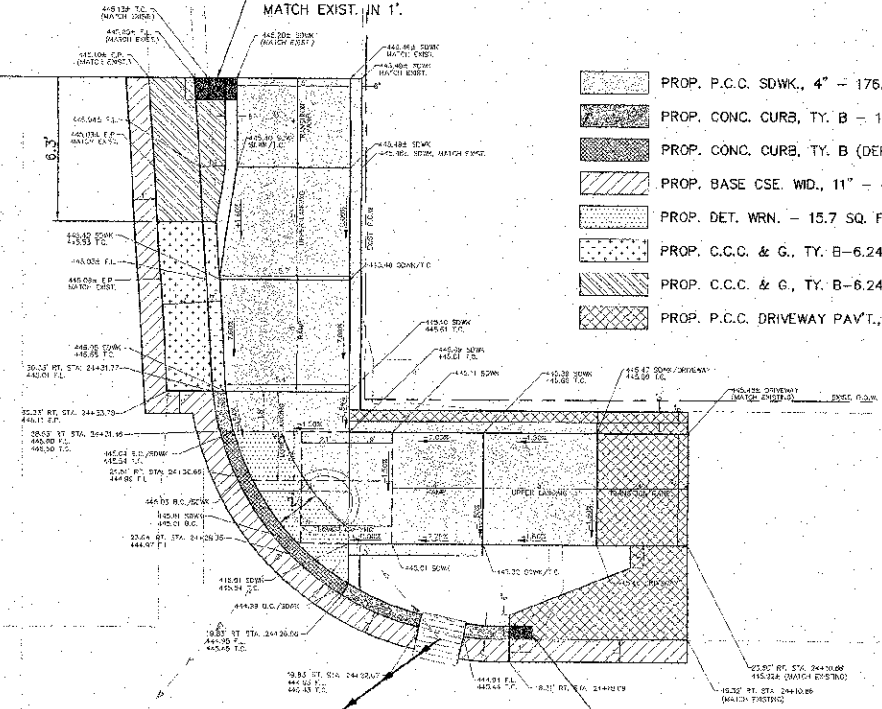
3RD ST. NW. QUAD

3RD ST.

END H.M.A. SURF. CSE., MIX "C", N70
44.33' RT., STA. 24+35.63
3RD STREET

TRANSITION CURB HEIGHT OF PROP. C.C.C.&G. TY. B-6.24,
SPEC. AND SIDEWALK CURB FROM THE PROP. HEIGHT TO
MATCH EXIST. IN 1'.

- PROP. P.C.C. SDWK., 4" - 176.4 SQ. FT.
- PROP. CONC. CURB, TY. B - 18.2 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 9.3 FT.
- PROP. BASE CSE. WD., 11" - 4.8 SQ. YDS.
- PROP. DET. WRN. - 15.7 SQ. FT.
- PROP. C.C.C. & G. TY. B-6.24 - 7.6 FT.
- PROP. C.C.C. & G. TY. B-6.24, SPEC. - 6.3 FT.
- PROP. P.C.C. DRIVEWAY PAVT., 8" - 5.5 SQ. YDS.



FERGUSON AVE.

TRANSITION CURB HEIGHT FROM 6" TO
PROP. P.C.C. DRIVEWAY PAVT. IN 1'

3RD ST. NE. QUAD

FERGUSON AVE.

FERGUSON AVE.

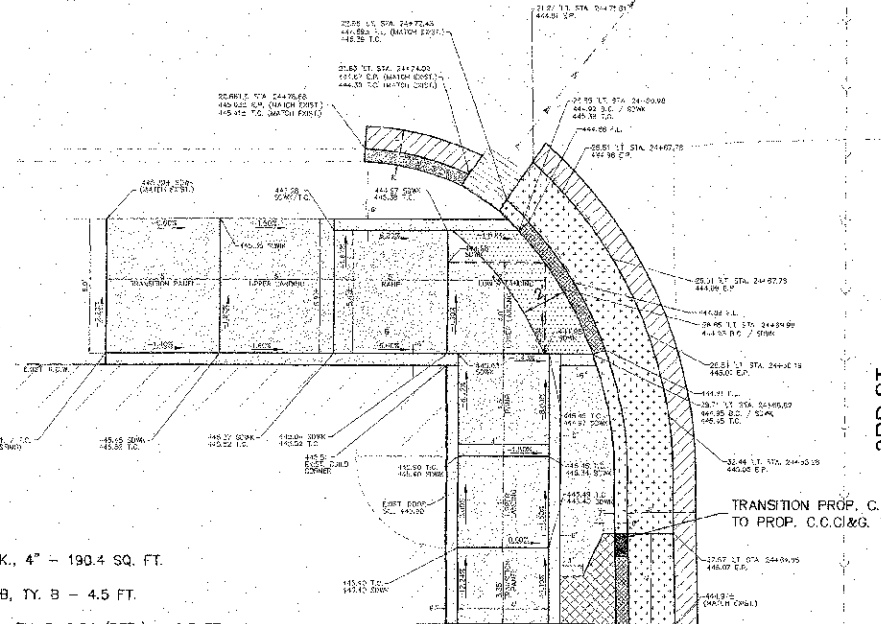
3RD ST.

3RD ST.

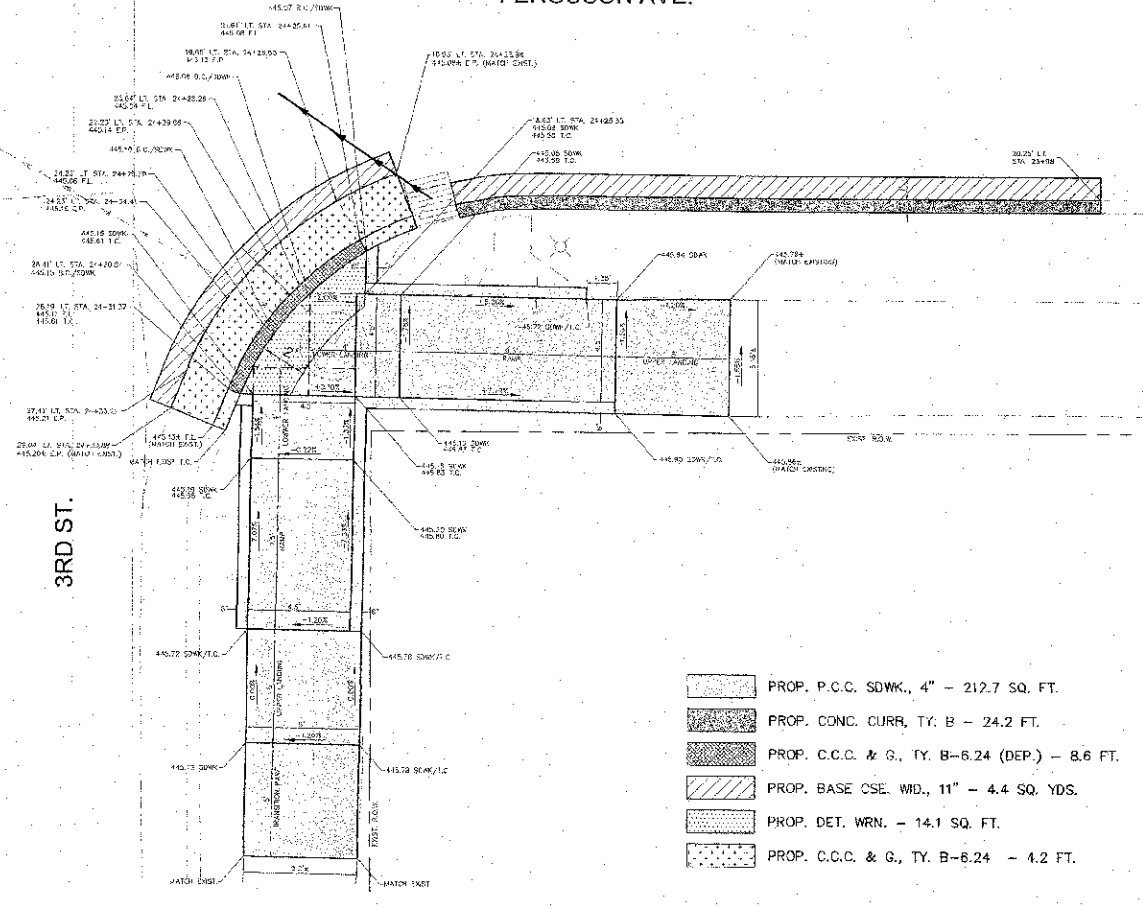
TRANSITION PROP. C.C.C.&G. TY. B-6.24
TO PROP. C.C.C.&G. TY. B-6.24 (DEP.) IN 1'

END H.M.A. SURF. CSE., MIX "C", N70
41.57' LT., STA. 24+63.99
3RD STREET

- PROP. P.C.C. SDWK., 4" - 190.4 SQ. FT.
- PROP. CONC. CURB, TY. B - 4.5 FT.
- PROP. C.C.C. & G. TY. B-6.24 (DEP.) - 9.5 FT.
- PROP. BASE CSE. WD., 11" - 3.1 SQ. YDS.
- PROP. DET. WRN. - 13.3 SQ. FT.
- PROP. C.C.C. & G. TY. B-6.24 - 10.4 FT.
- PROP. P.C.C. DRIVEWAY PAVT., 8" - 0.8 SQ. YDS.



3RD ST. SW. QUAD



3RD ST. SE. QUAD

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Maple Street, P.O. Box E, Alton, IL 62002, 618462-9765, E-mail: mail@smsengineers.com
10 Central Expressway, Suite 3, Bensenville, IL 60015, 618277-0000, E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
PLAN

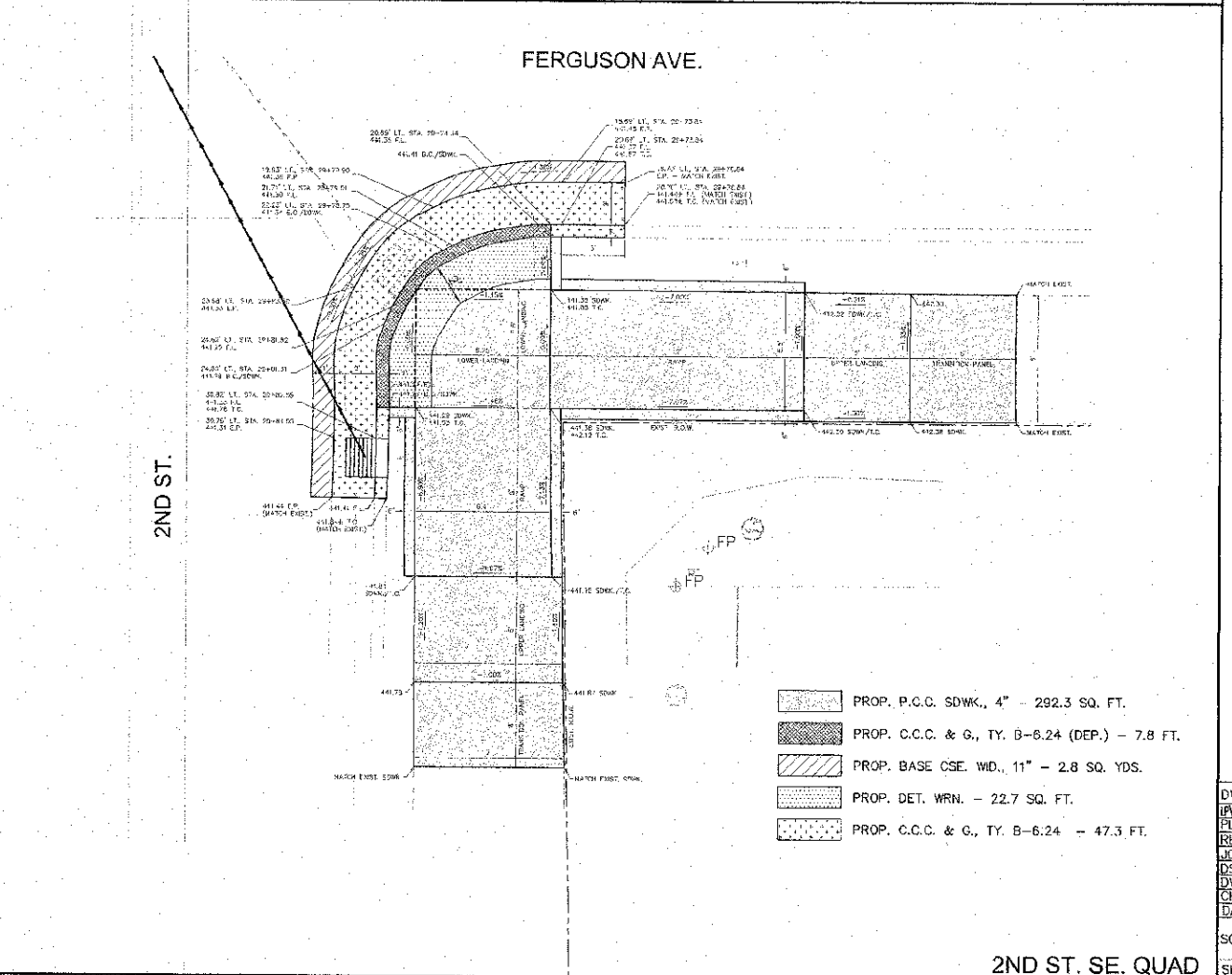
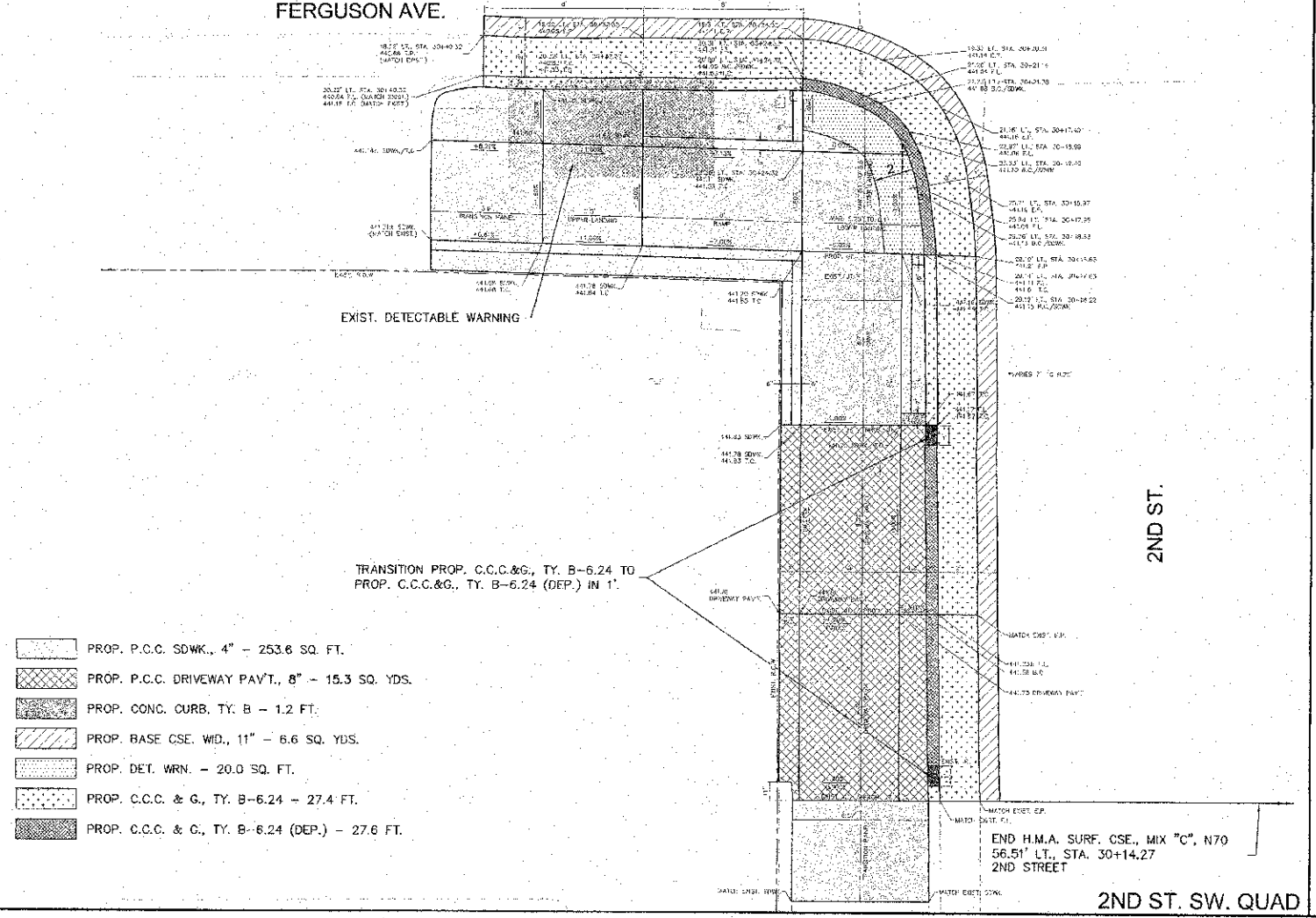
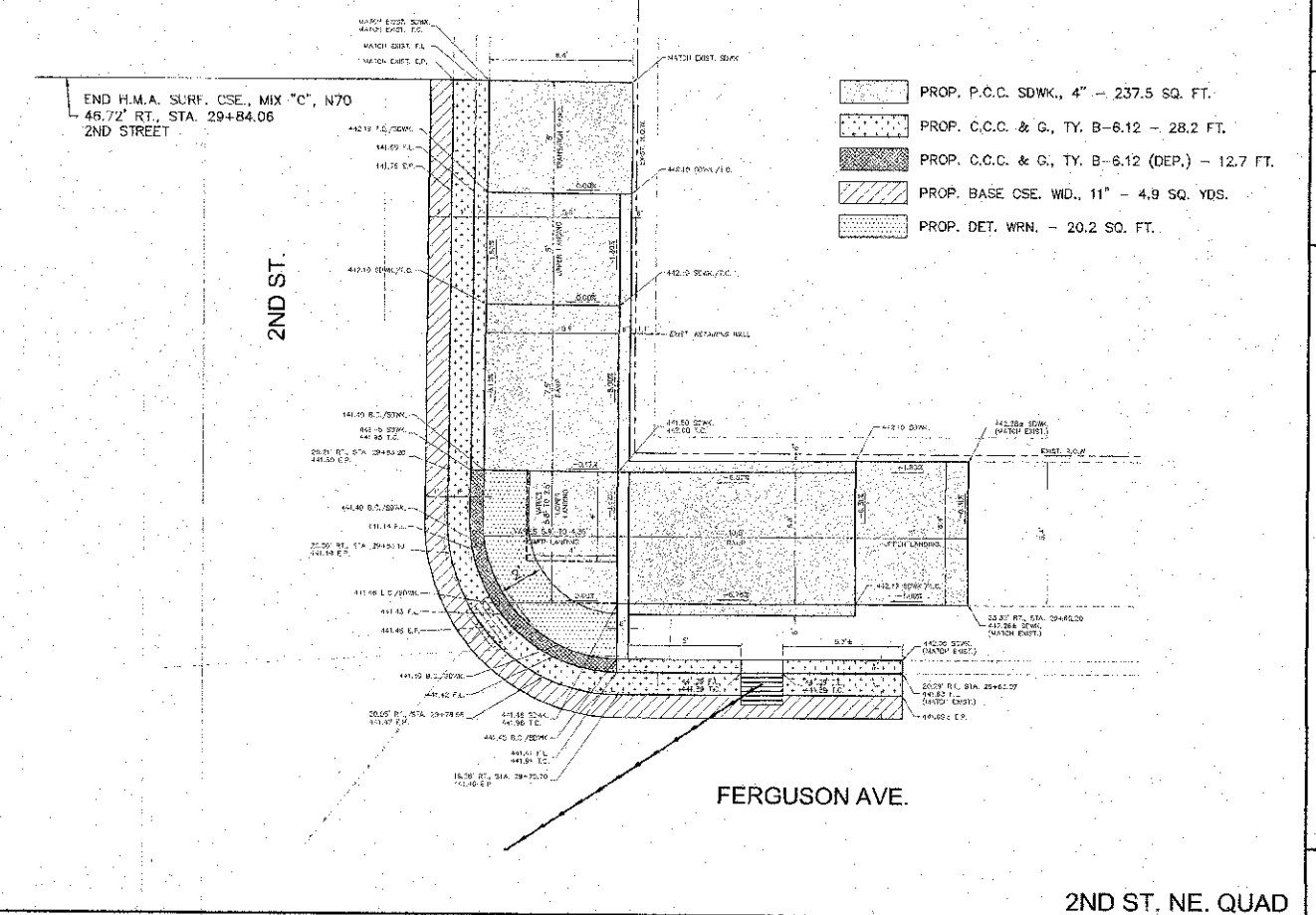
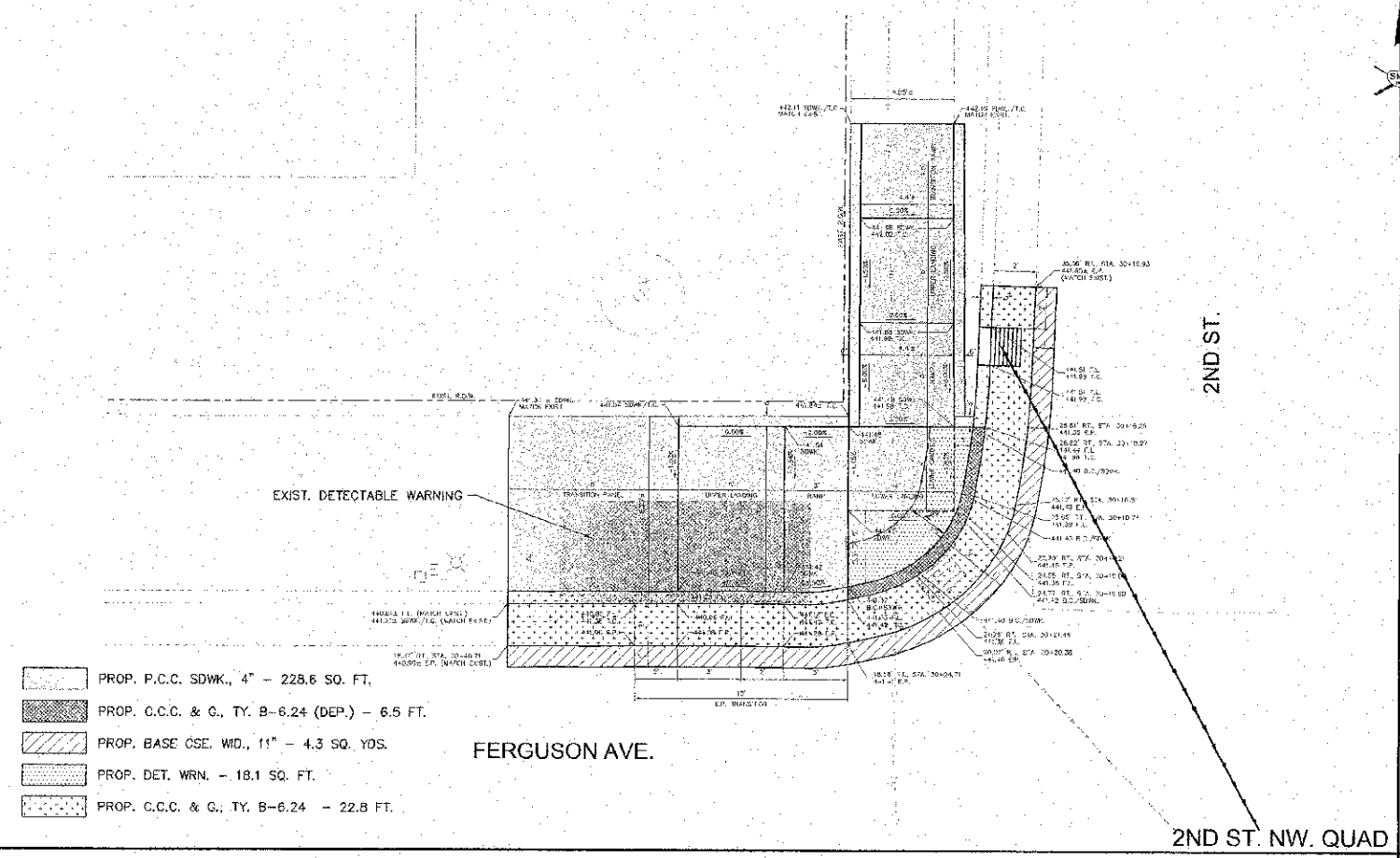
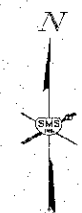
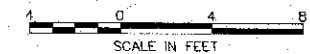
DWG. NO.	10-00047-02-RS
PLAN	FERGUSON 3RD.DWG
REF. BK.	PC
JOB NO.	48R044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013

SCALE: 1" = 4'
SHEET 10 OF 45

S:\Land Project\WOOD RIVER PS (48R044) FERGUSON H.C. RAMPS.dwg\PLAN FERGUSON 3RD.DWG, 4/15/2013 11:37:44 AM, jlmatt, L4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B971	10-00047-02-RS	MADISON	45	11

CONTRACT NO. 97526



REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62602 618-462-9795 E-mail: mail@smsengineers.com
10 Central Expressway, Driv. Suite 3, Geneva, IL 60134 618-677-5700 E-mail: mail@smsengineers.com
DESIGN # 184-10376R2

CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
PLAN

DWG. NO.	PLAN FERGUSON 2ND.DWG
REF. BK.	PG.
DRAWN BY:	LDA
CHK. BY:	LDA
DATE:	APRIL, 2013

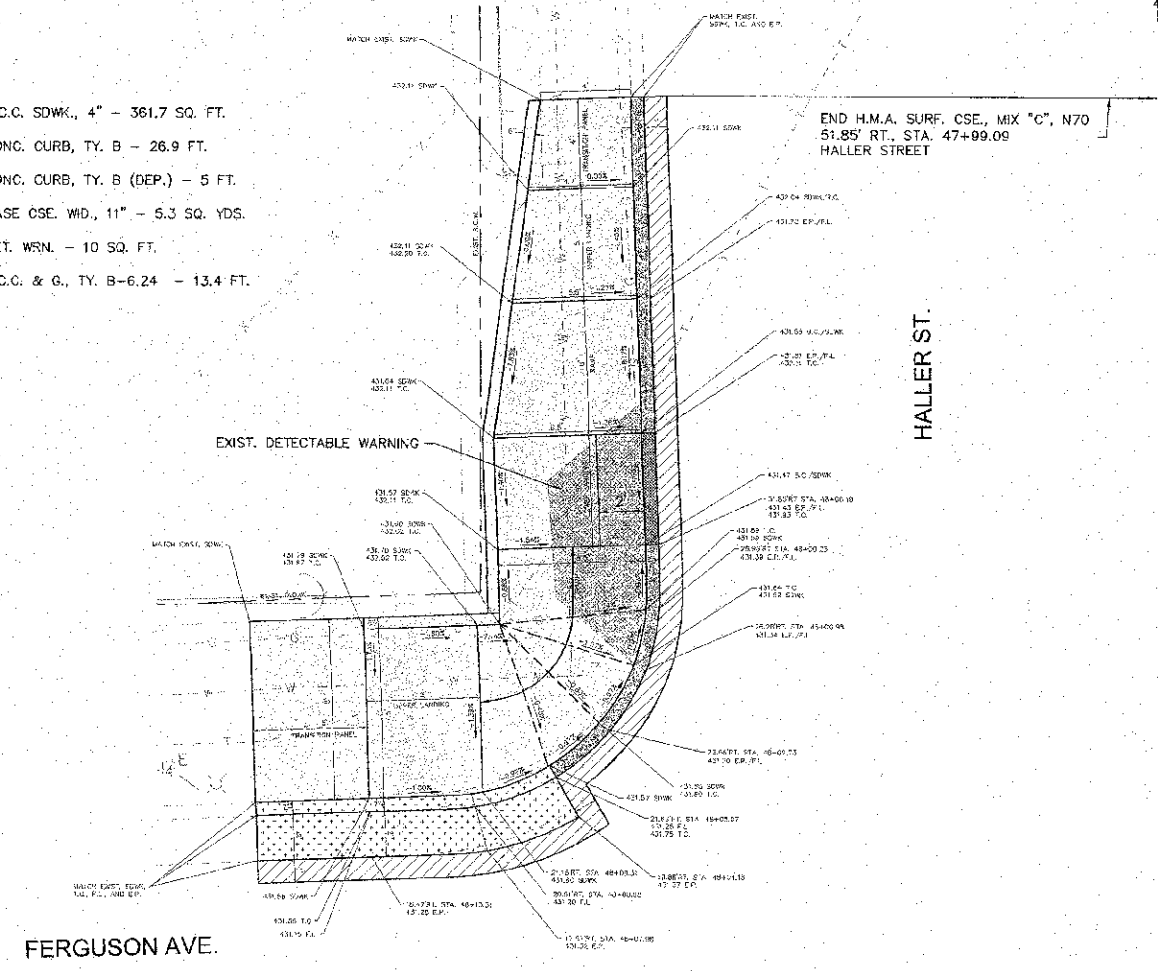
SCALE: 1" = 4'
SHEET 11 OF 45

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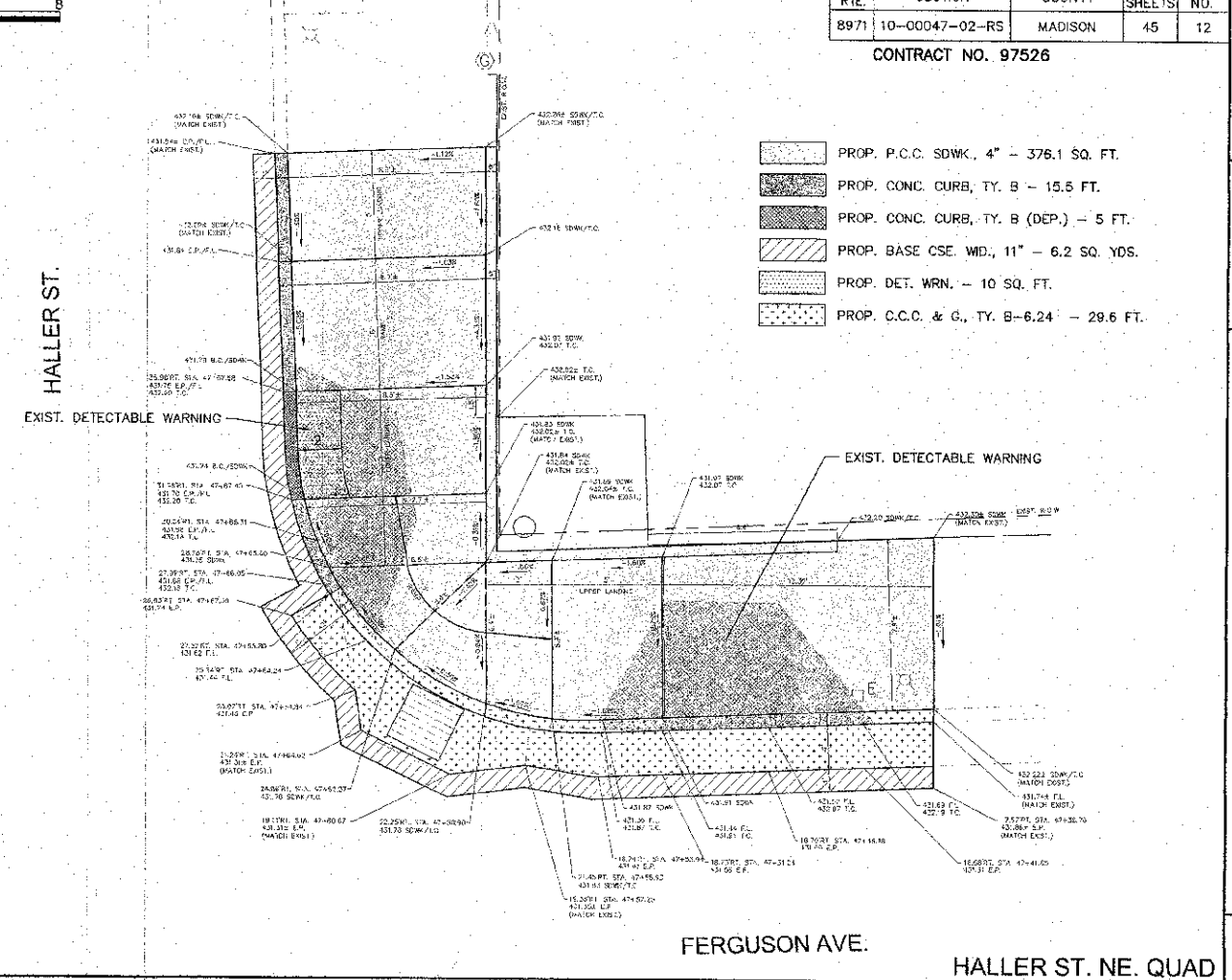
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	12

CONTRACT NO. 97526

- PROP. P.C.C. SDWK., 4" - 361.7 SQ. FT.
- PROP. CONC. CURB, TY. B - 26.9 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 5 FT.
- PROP. BASE CSE. WD., 11" - 5.3 SQ. YDS.
- PROP. DET. WRN. - 10 SQ. FT.
- PROP. C.C.C. & G., TY. B-6.24 - 13.4 FT.



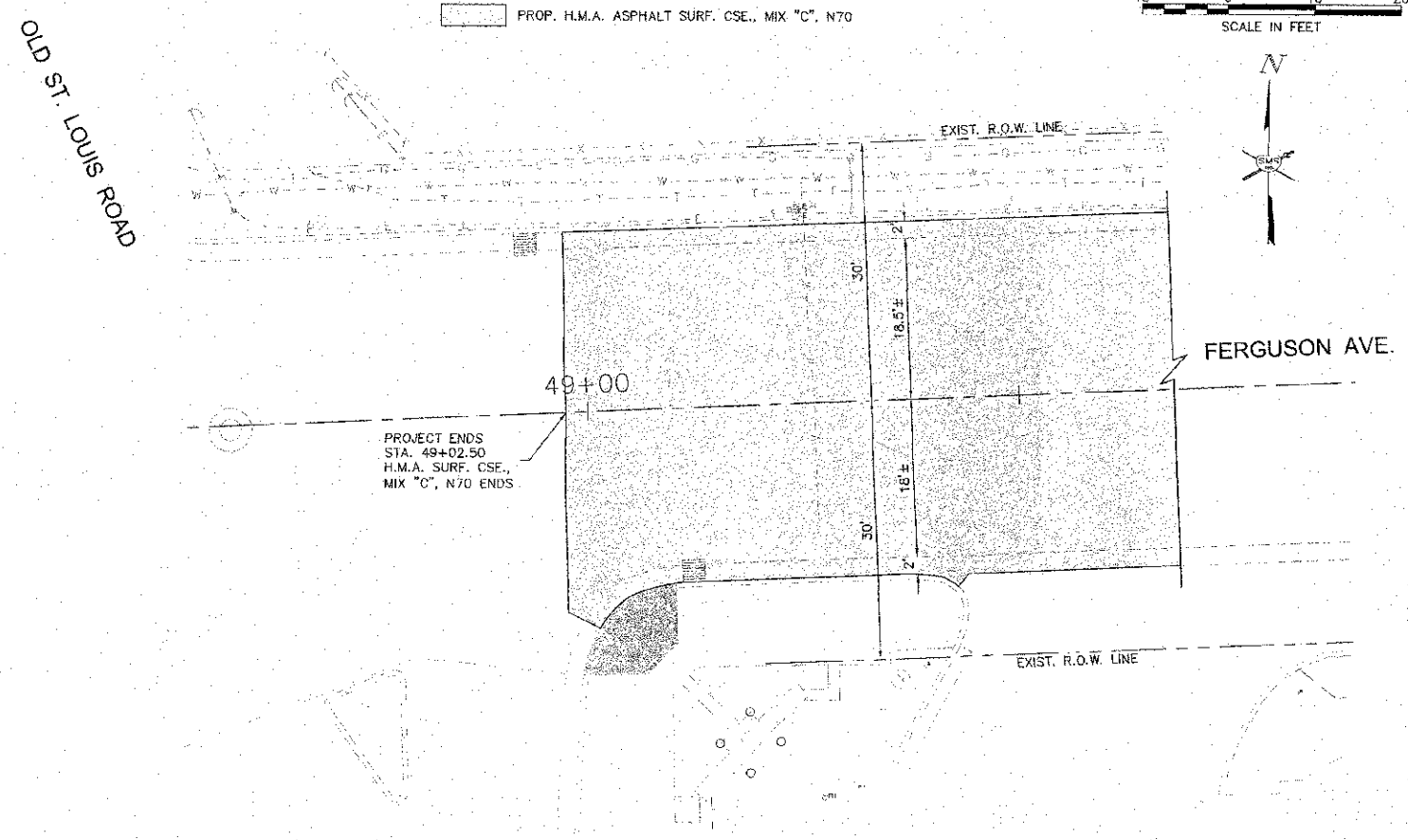
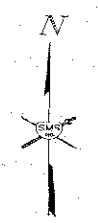
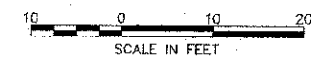
- PROP. P.C.C. SDWK., 4" - 376.1 SQ. FT.
- PROP. CONC. CURB, TY. B - 15.5 FT.
- PROP. CONC. CURB, TY. B (DEP.) - 5 FT.
- PROP. BASE CSE. WD., 11" - 6.2 SQ. YDS.
- PROP. DET. WRN. - 10 SQ. FT.
- PROP. C.C.C. & G., TY. B-6.24 - 29.6 FT.



HALLER ST. NW. QUAD

HALLER ST. NE. QUAD

- PROP. H.M.A. ASPHALT SURF. CSE., MIX "C", N70



REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Maple Street, P.O. Box 5, Alton, IL 62002, 618462-0755, E-mail: sms@smssurveyors.com
 30 Central Industrial Drive, Suite 3, Granite City, IL 62040, 61837-6900, E-mail: ms@smssurveyors.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 PLAN




DWG. NO.	10-00047-02-RS
PLANNED BY	SMSSURVEYORS INC RAMP
PLAN FERGUSON_HALLER.DWG	
REF. BY	PCB
JOB NO.	489044
DSN. BY	LDA
DWN. BY	CAD
CHK. BY	LDA
DATE	APRIL, 2013

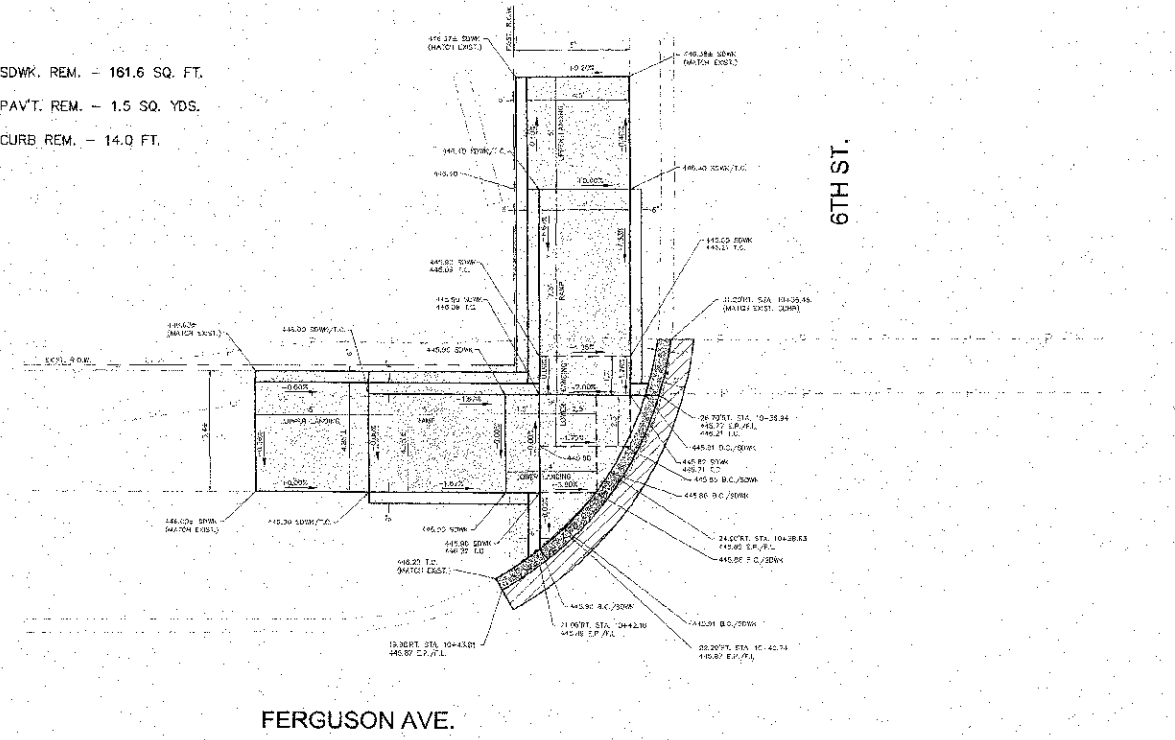
SCALE: AS SHOWN
 SHEET 12 OF 45

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	13

CONTRACT NO. 97526

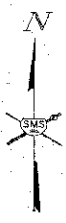
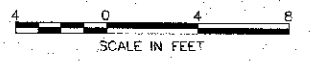
-  PROP. SDWK. REM. - 161.6 SQ. FT.
-  PROP. PAVT. REM. - 1.5 SQ. YDS.
-  PROP. CURB REM. - 14.0 FT.







FERGUSON AVE.

6TH ST.

REMOVAL PLAN SHEETS 13-18:
FOR DIMENSIONS, SLOPES, STA./OFFSETS AND ELEVATIONS
SEE INTERSECTION DETAILS, SHEETS 20-41



H.M.A. SURF. REM., 2" ENDS
41.53' RT., STA. 10+00.86
6TH STREET






-  PROP. SDWK. REM. - 132.2 SQ. FT.
-  PROP. PAVT. REM. - 3.1 SQ. YDS.
-  PROP. CURB REM. - 21.3 FT.
-  PROP. DRIVEWAY PAVT. REM. - 4.0 SQ. YDS.

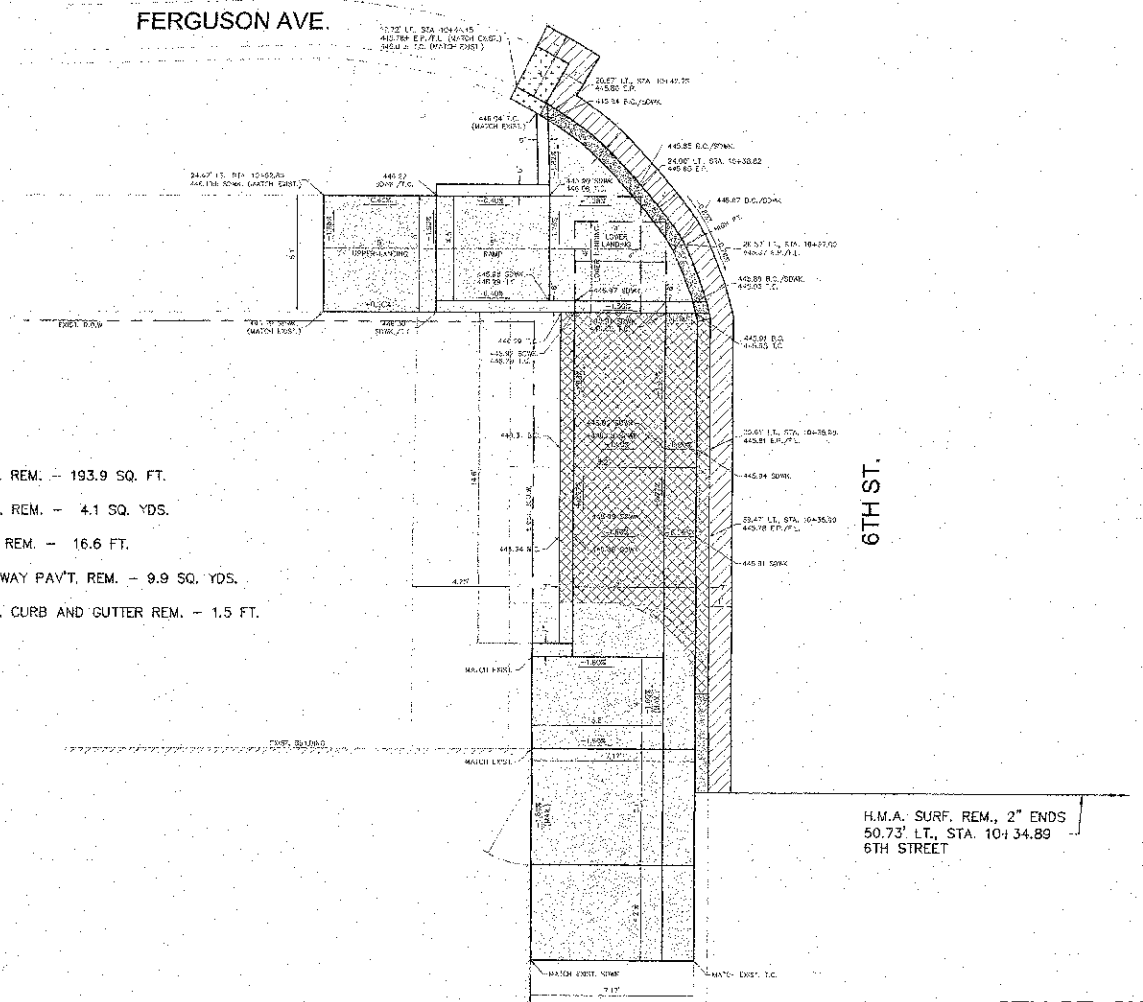
6TH ST.

FERGUSON AVE.

6TH ST. NW. QUAD

6TH ST. NE. QUAD

-  PROP. SDWK. REM. - 193.9 SQ. FT.
-  PROP. PAVT. REM. - 4.1 SQ. YDS.
-  PROP. CURB REM. - 16.6 FT.
-  PROP. DRIVEWAY PAVT. REM. - 9.9 SQ. YDS.
-  PROP. COMB. CURB AND GUTTER REM. - 1.5 FT.

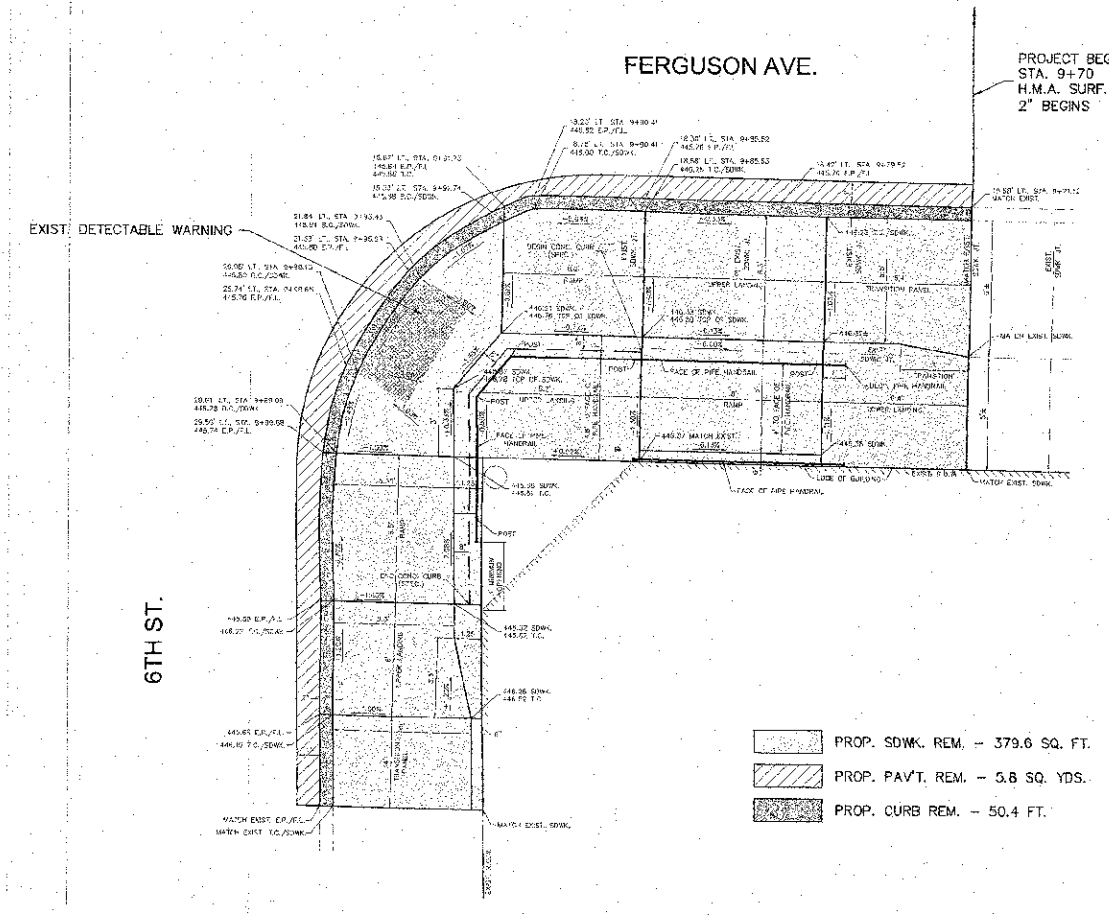


FERGUSON AVE.

6TH ST.




H.M.A. SURF. REM., 2" ENDS
50.73' LT., STA. 10+34.89
6TH STREET

6TH ST. SW. QUAD




FERGUSON AVE.

6TH ST.

-  PROP. SDWK. REM. - 379.6 SQ. FT.
-  PROP. PAVT. REM. - 5.8 SQ. YDS.
-  PROP. CURB REM. - 50.4 FT.

6TH ST. SE. QUAD

SHEPPARD, MORGAN & SCHWAAB, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002, 618452-0755, E-mail: msh@smsengineers.com
 10 Central National Drive, Suite 3, Granite City, IL 62040, 61827-5700, E-mail: msh@smsengineers.com
 DESIGN FIRM # 184-000992






CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 REMOVAL PLAN

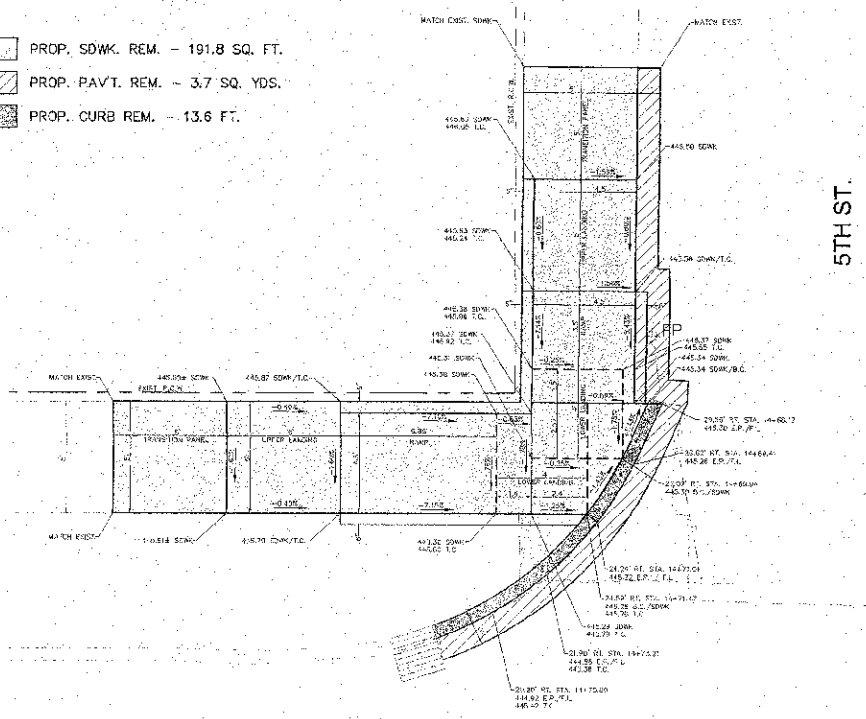
DWG. NO.	10-00047-02-RS
REV. NO.	01
DATE	APRIL 2013
SCALE	1" = 4'
SHEET	13 OF 45

S:\Land Projects\WOOD RIVER PS (R8804)\FERGUSON HW RAMP\DWG\REMOVAL FERGUSON 6TH.dwg, 4/15/2013 8:33:21 AM, jfman, 14

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	14

CONTRACT NO. 97526

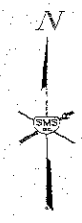
-  PROP. SDWK. REM. - 191.8 SQ. FT.
-  PROP. PAVT. REM. - 3.7 SQ. YDS.
-  PROP. CURB REM. - 13.6 FT.






FERGUSON AVE.

5TH ST.

5TH ST. NW. QUAD



H.M.A. SURF. REM., 2" ENDS
45.01' RT., STA. 14+30.18
5TH STREET

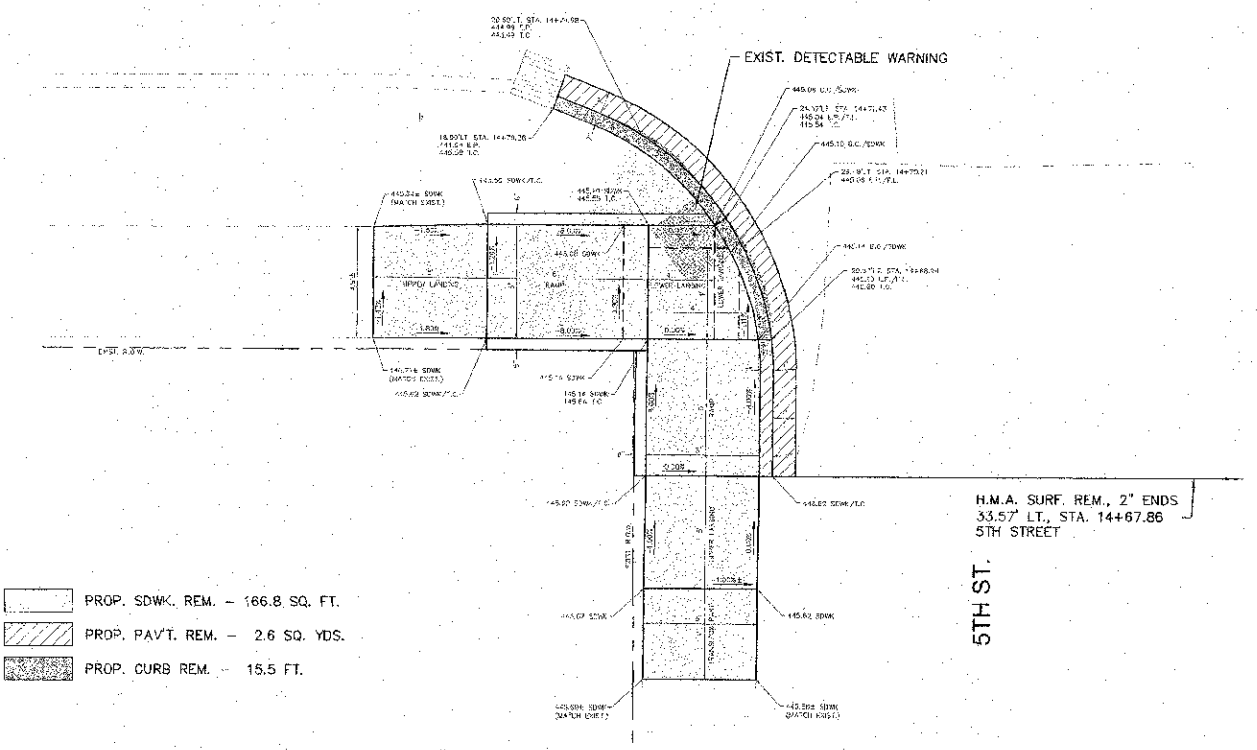
-  PROP. SDWK. REM. - 166.8 SQ. FT.
-  PROP. PAVT. REM. - 3.0 SQ. YDS.
-  PROP. CURB REM. - 15.4 FT.




5TH ST.

FERGUSON AVE.

5TH ST. NE. QUAD

FERGUSON AVE.



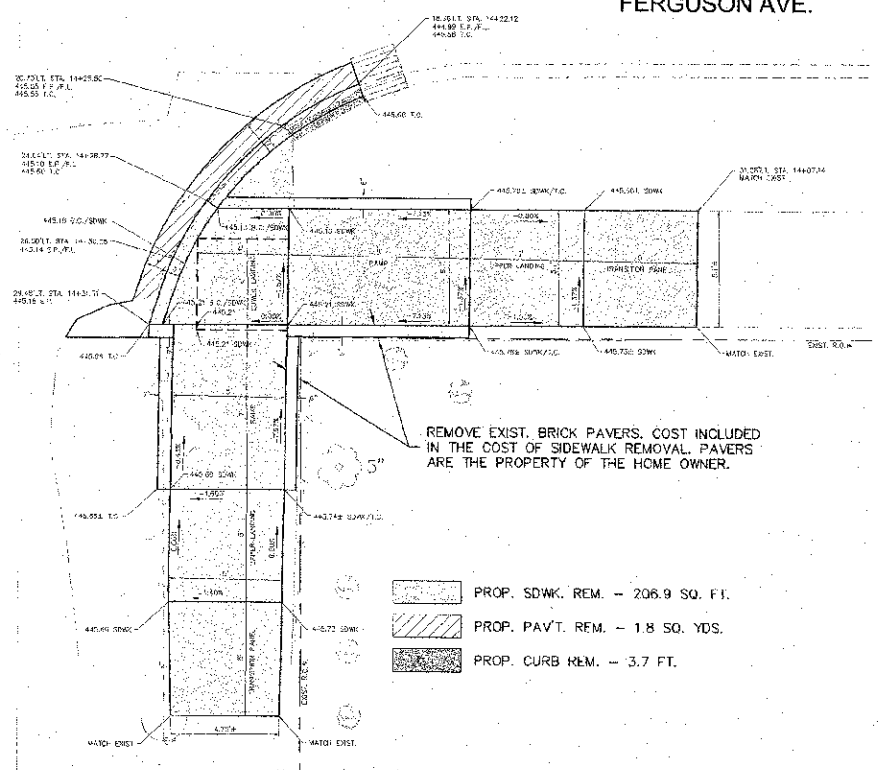
-  PROP. SDWK. REM. - 166.8 SQ. FT.
-  PROP. PAVT. REM. - 2.6 SQ. YDS.
-  PROP. CURB REM. - 15.5 FT.

5TH ST.




H.M.A. SURF. REM., 2" ENDS
33.57' LT., STA. 14+67.86
5TH STREET

5TH ST. SW. QUAD

FERGUSON AVE.



REMOVE EXIST. BRICK PAVERS. COST INCLUDED
IN THE COST OF SIDEWALK REMOVAL. PAVERS
ARE THE PROPERTY OF THE HOME OWNER.

-  PROP. SDWK. REM. - 206.9 SQ. FT.
-  PROP. PAVT. REM. - 1.8 SQ. YDS.
-  PROP. CURB REM. - 3.7 FT.

5TH ST. SE. QUAD

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618-462-2925 E-mail: mail@smsengineers.com
10 Centia Industrial Drive, Suite 3, Geneva, IL 60136 618-277-8700 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

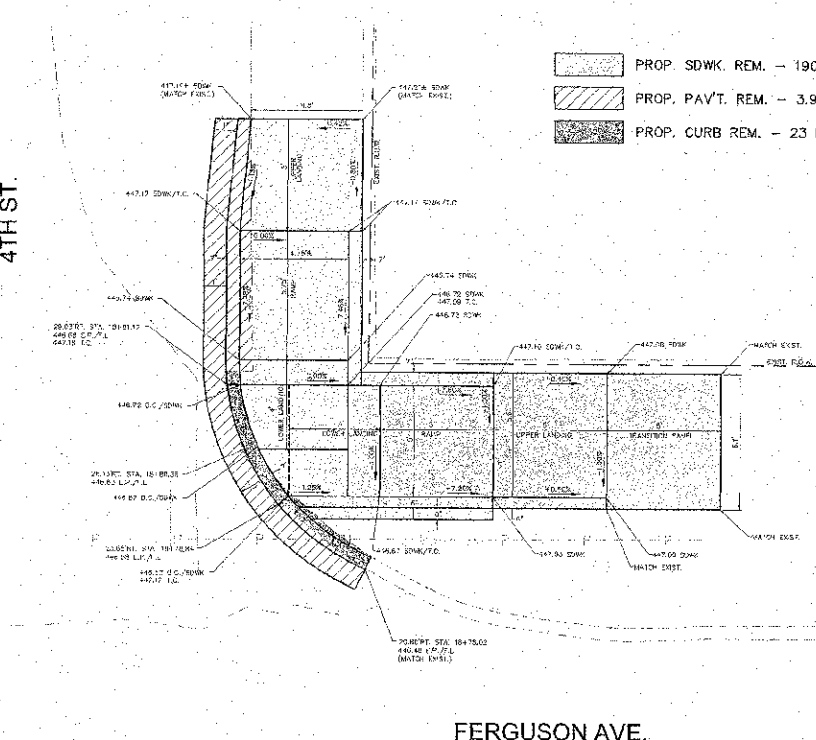
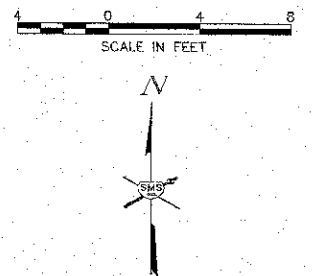
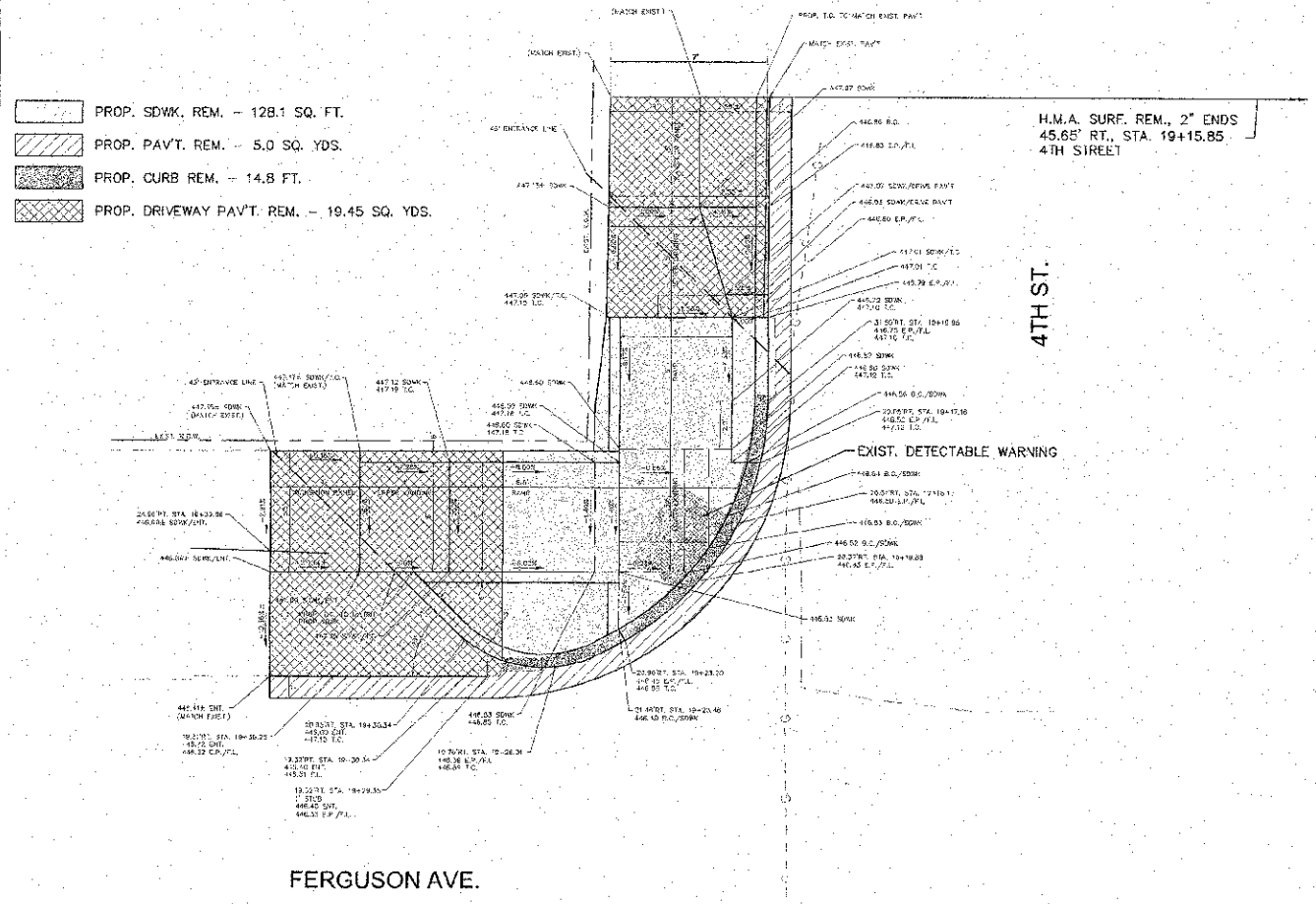
CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
REMOVAL PLAN

DWG. NO.	10-00047-02-RS
PROJECT	FERGUSON AVENUE RESURFACING
DATE	APRIL 2013
DESIGNER	LOA
CHECKER	LOA
DATE	APRIL 2013

SCALE: 1" = 4'
SHEET 14 OF 45

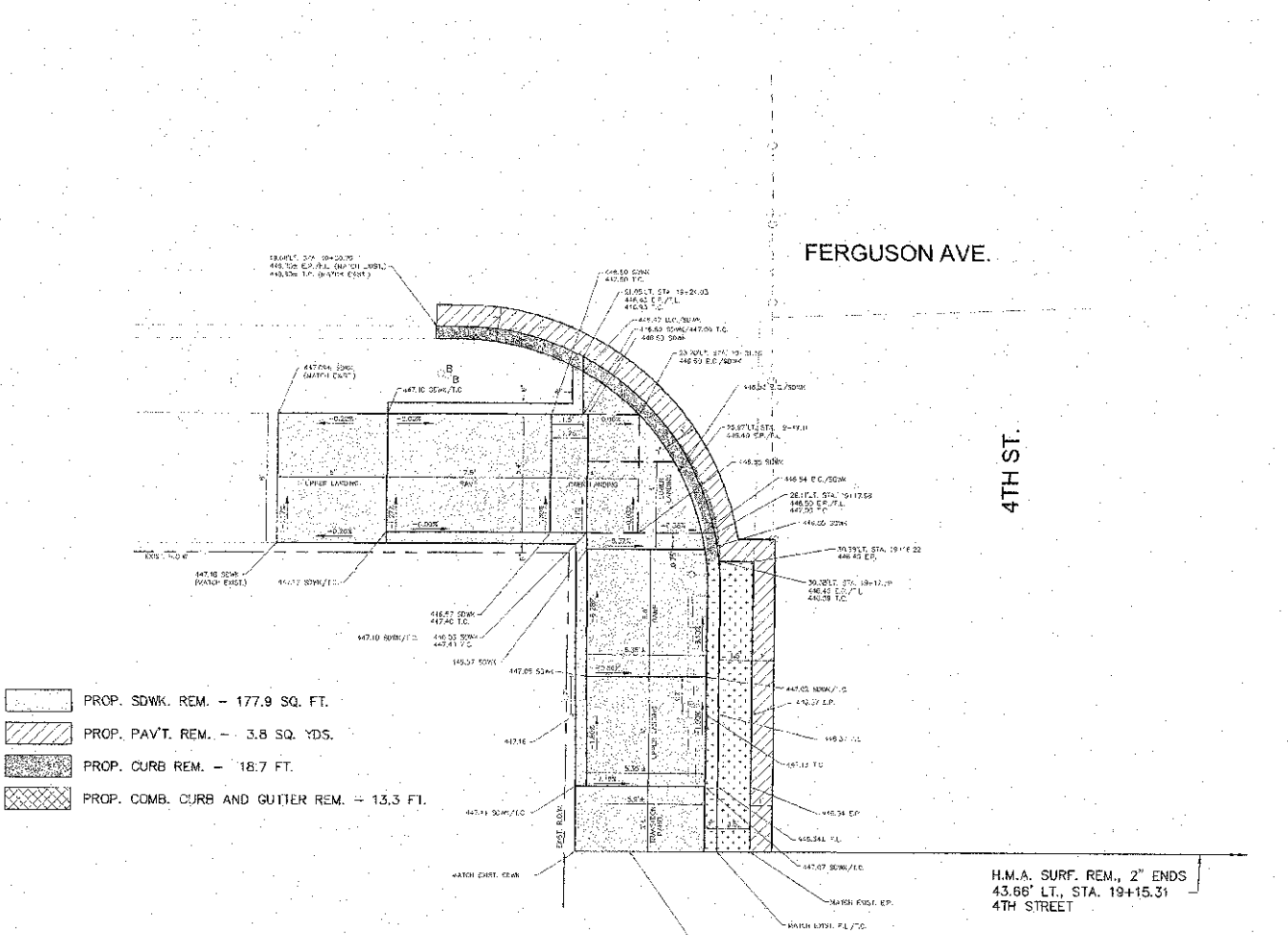
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CONTRACT NO. 97526

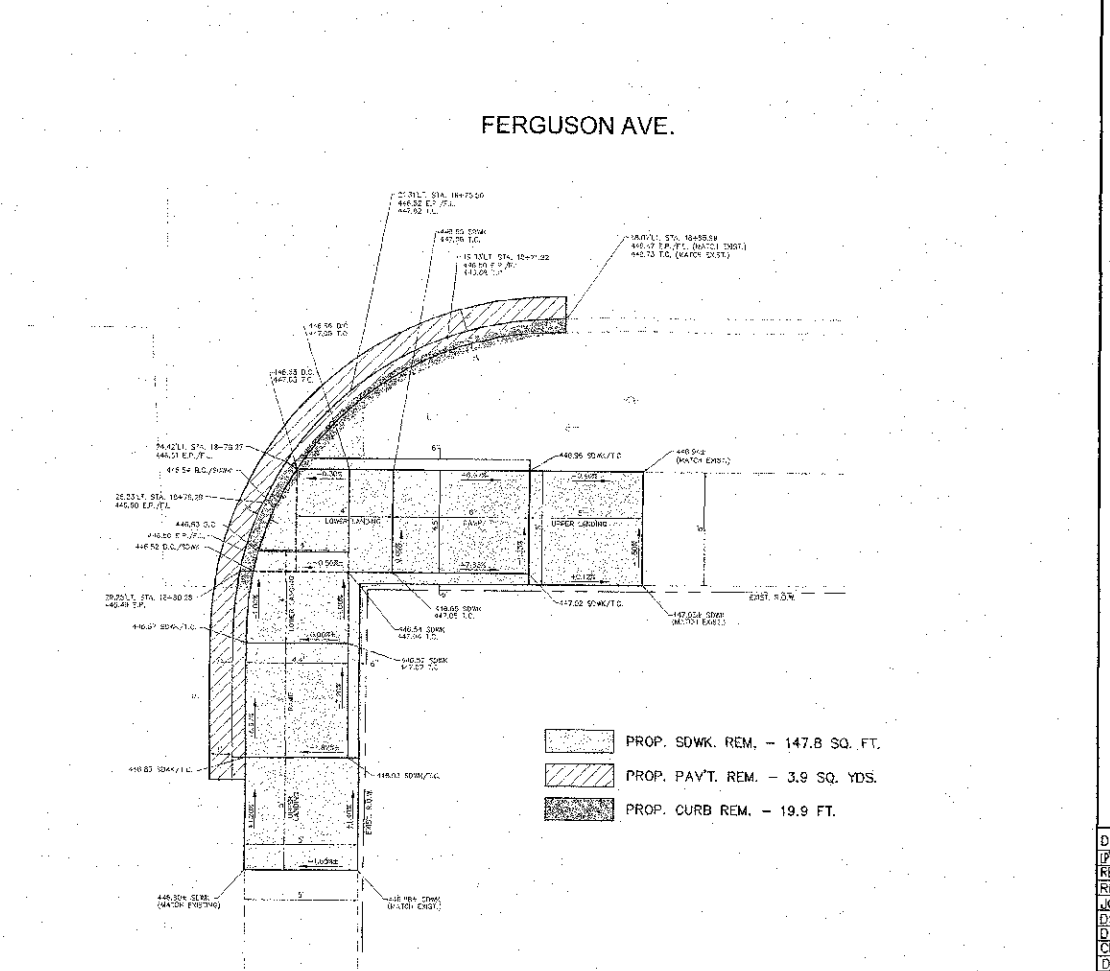


4TH ST. NW. QUAD

4TH ST. NE. QUAD



4TH ST. SW. QUAD



4TH ST. SE. QUAD

REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002, 618463-0722, E-mail: sms@smsengineers.com
 10 Central Industrial Lane, Suite 3, Granite City, IL 62041, 618371-4700, E-mail: mss@smsengineers.com
 DESIGN FIRM # 184-000992




CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-R5
 REMOVAL PLAN

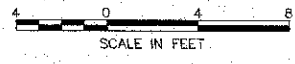
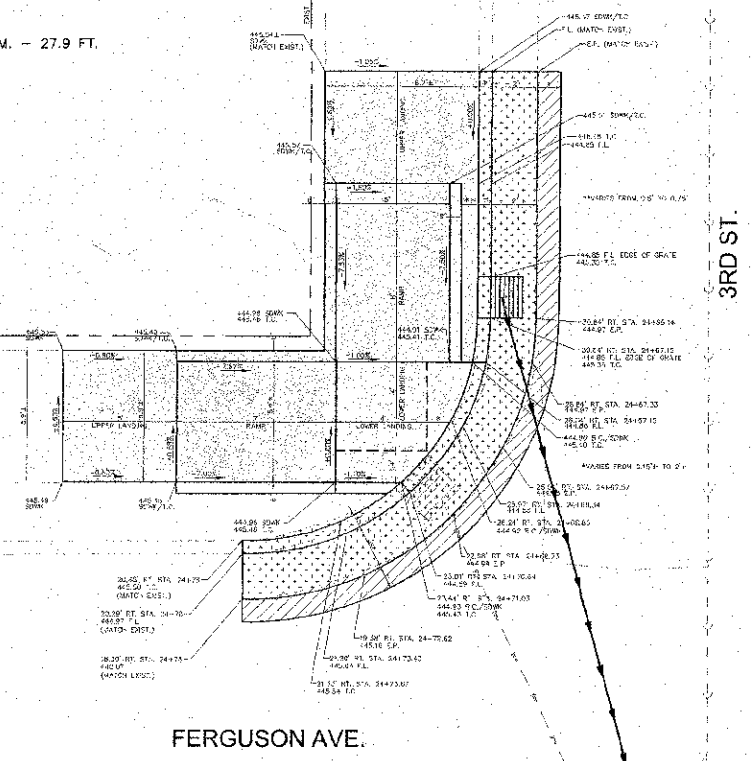
DWG. NO.	10-00047-02-R5
PROJECT	FERGUSON AVENUE RESURFACING
DATE	APRIL 2013
SCALE	1" = 4'
SHEET	15 OF 45






S:\land\Projects\WOOD RIVER\15-488144\FERGUSON 4TH.dwg, 4/15/2013 8:37:22 AM, jman, 14

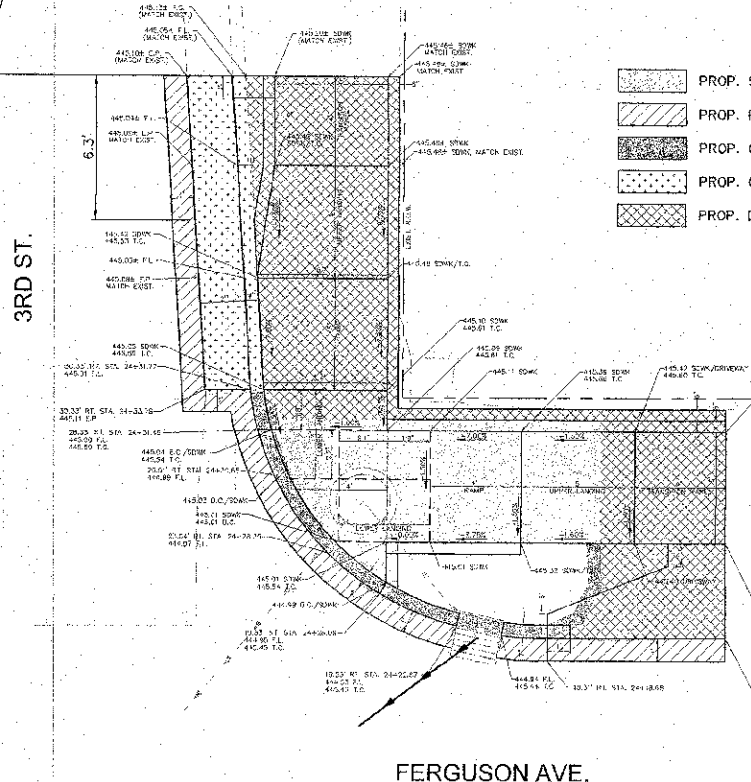
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	16

CONTRACT NO. 97526

-  PROP. SDWK. REM. - 165.4 SQ. FT.
-  PROP. PAVT. REM. - 3.6 SQ. YDS.
-  PROP. COMB. CURB AND GUTTER REM. - 27.9 FT.







-  PROP. SDWK. REM. - 78.6 SQ. FT.
-  PROP. PAVT. REM. - 4.8 SQ. YDS.
-  PROP. CURB REM. - 22.3 FT.
-  PROP. COMB. CURB AND GUTTER REM. - 13.9 FT.
-  PROP. DRIVEWAY PAVT. REM. - 17.4 SQ. YDS.

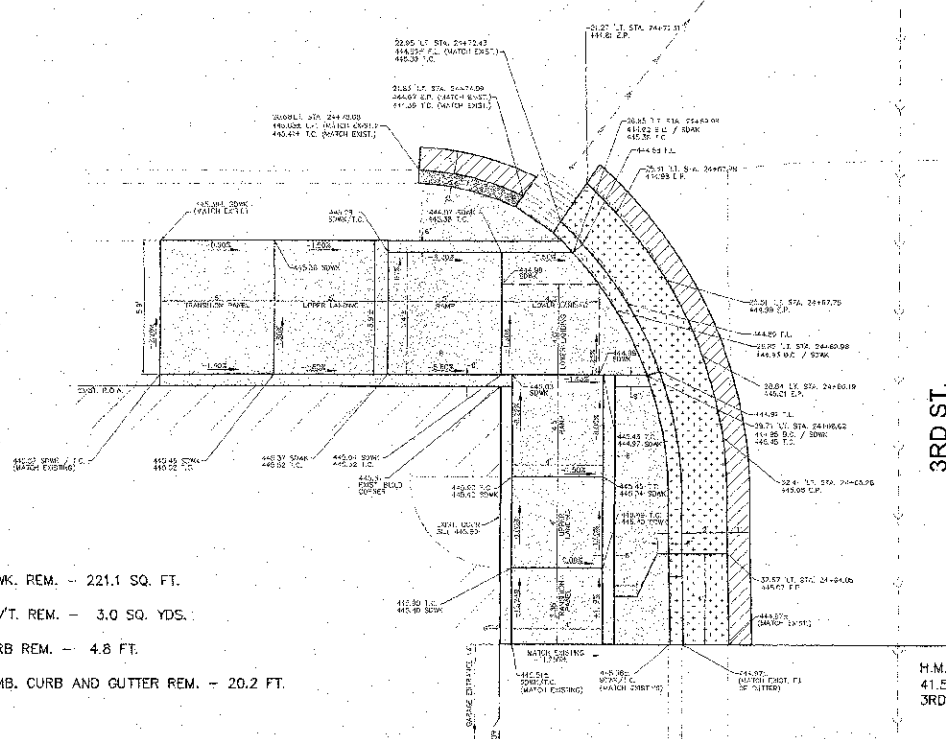


FERGUSON AVE.





3RD ST. NW. QUAD

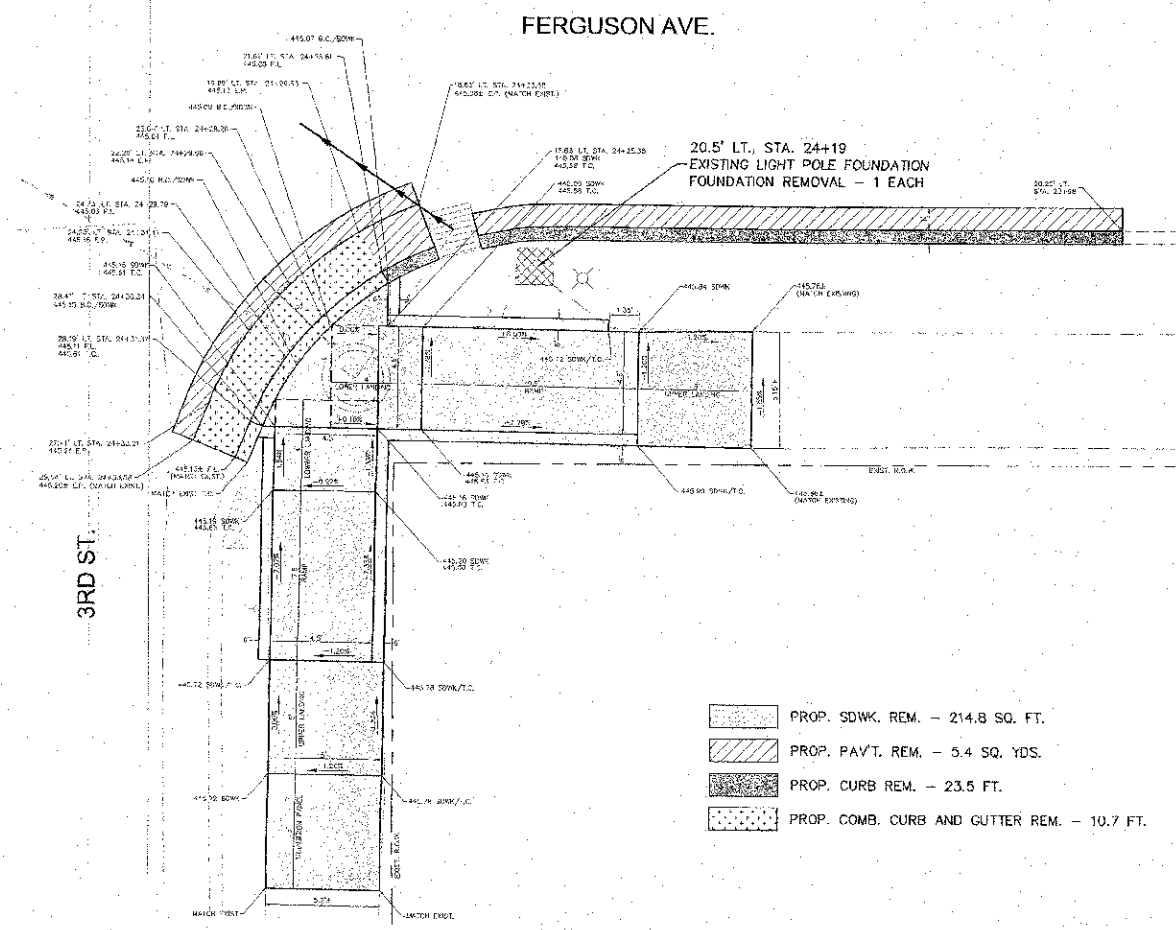
3RD ST. NE. QUAD

-  PROP. SDWK. REM. - 221.1 SQ. FT.
-  PROP. PAVT. REM. - 3.0 SQ. YDS.
-  PROP. CURB REM. - 4.8 FT.
-  PROP. COMB. CURB AND GUTTER REM. - 20.2 FT.



3RD ST. SW. QUAD

-  PROP. SDWK. REM. - 214.8 SQ. FT.
-  PROP. PAVT. REM. - 5.4 SQ. YDS.
-  PROP. CURB REM. - 23.5 FT.
-  PROP. COMB. CURB AND GUTTER REM. - 10.7 FT.



3RD ST. SE. QUAD

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 315 Market Street, P.O. Box E, Alton, IL 62002 618/482-9155 E-mail: sms@smssheppard.com
 10 Capital Industrial Drive, Suite 2, Granite City, IL 62040 618/877-2300 E-mail: mls@smssheppard.com
 DESIGN FIRM # 184-000592
ENGINEERS

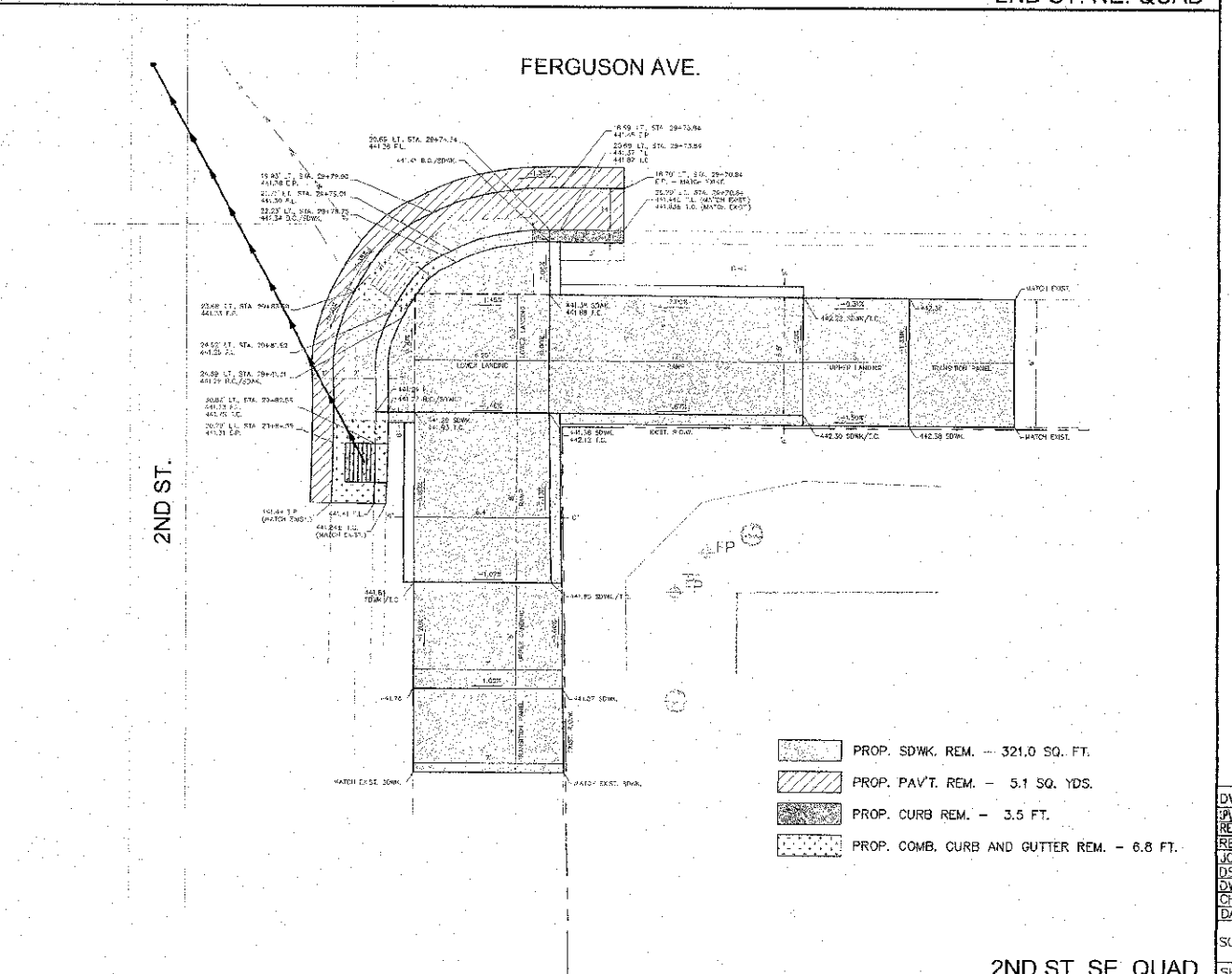
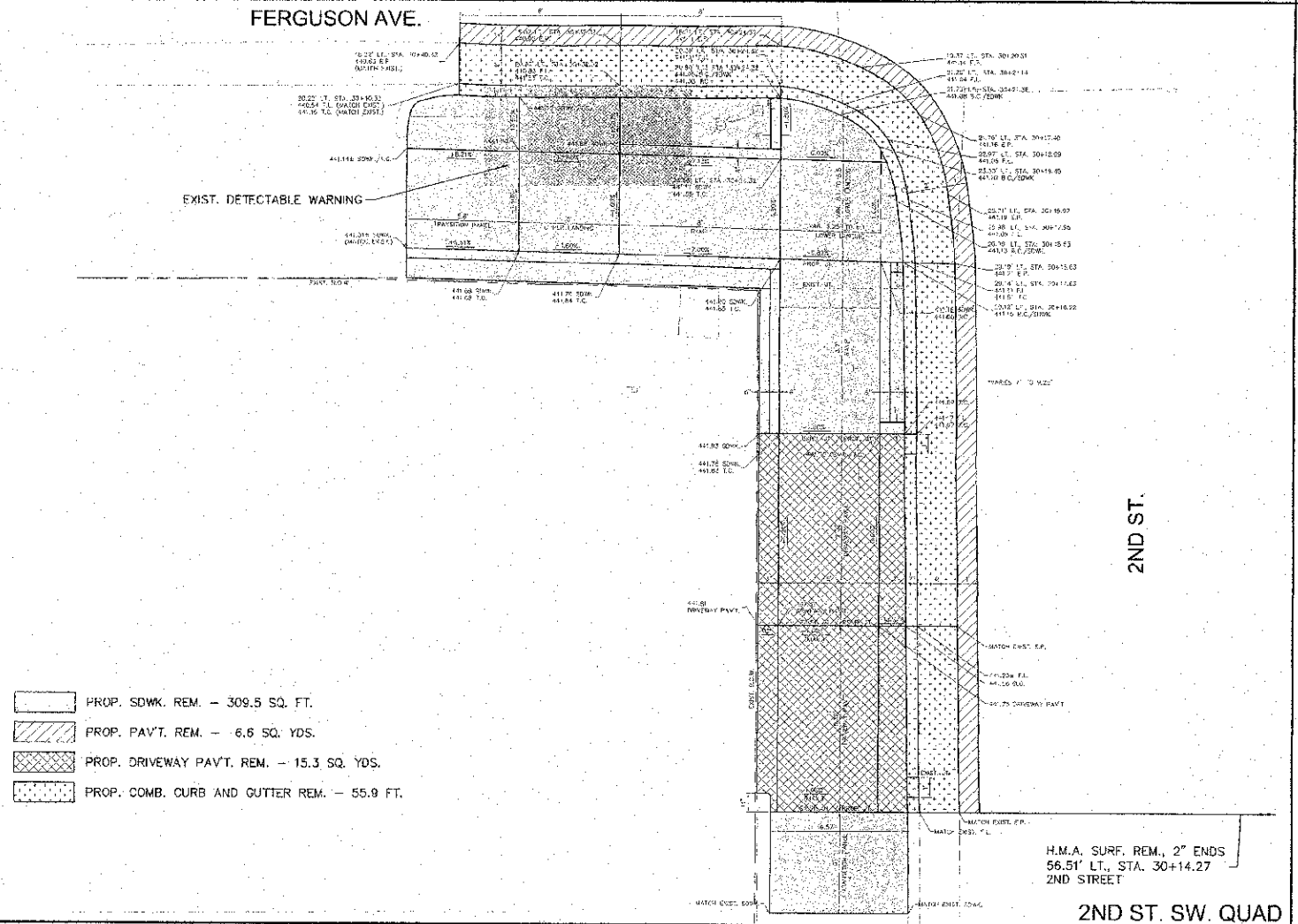
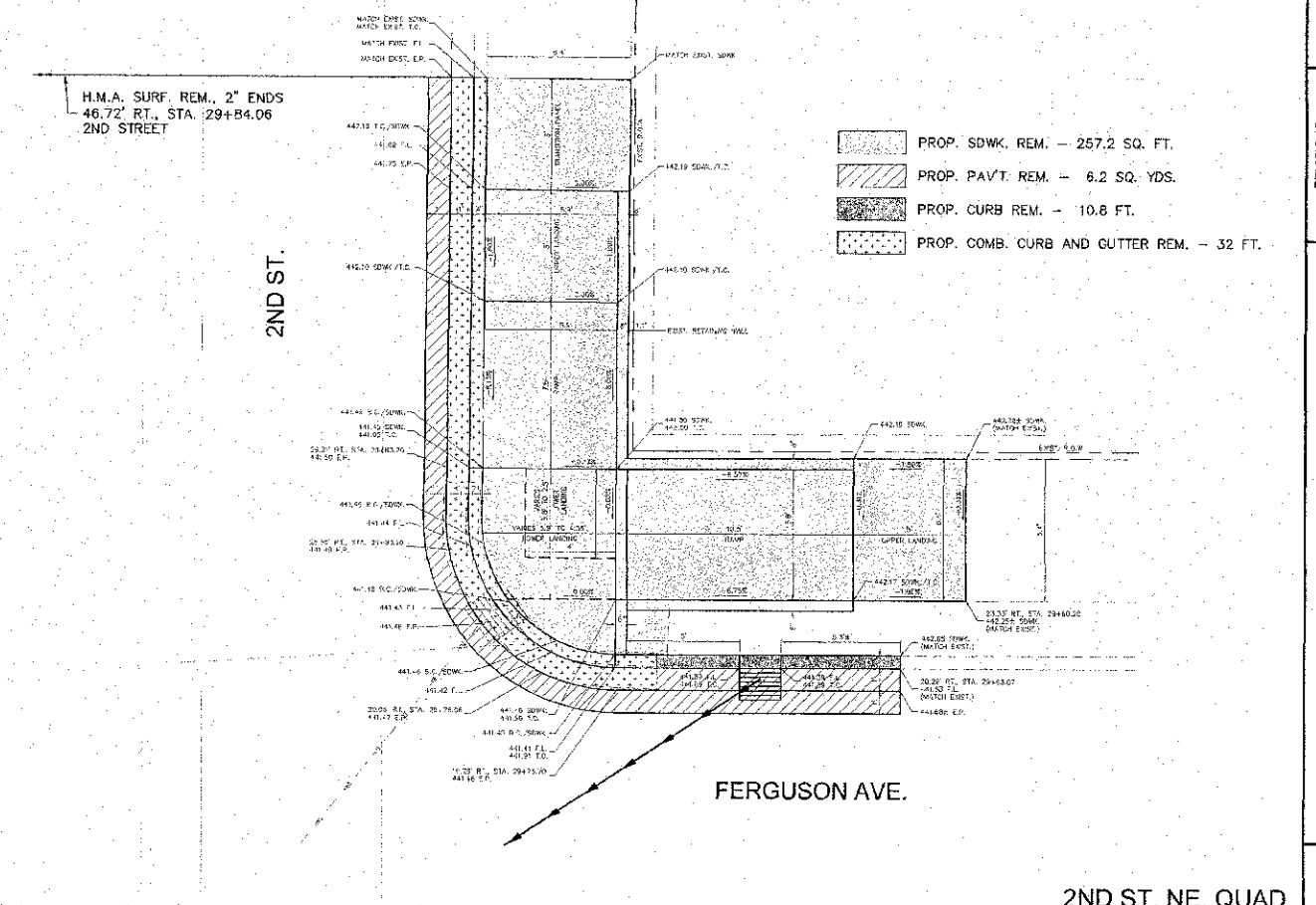
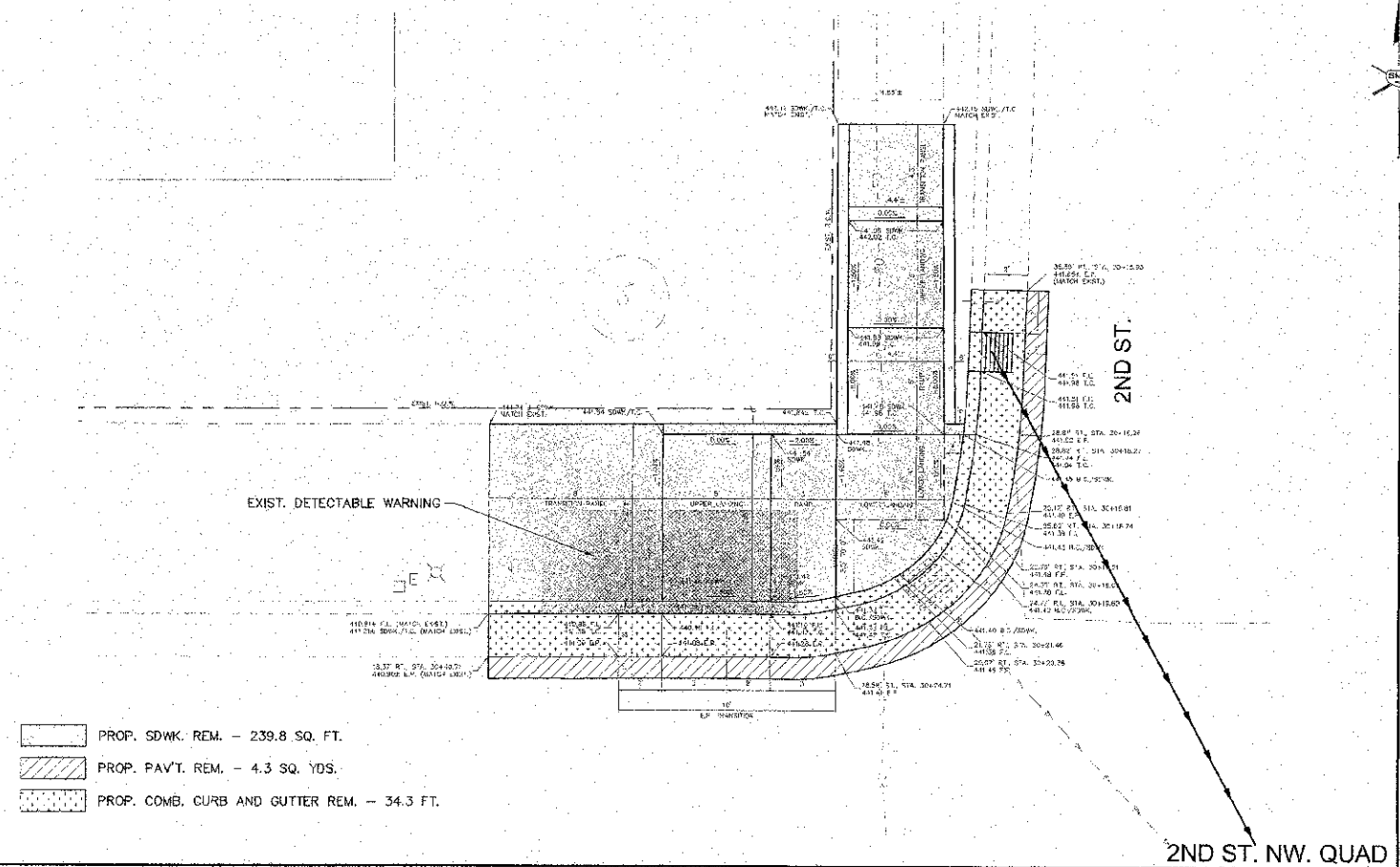
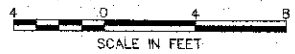
CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 REMOVAL PLAN

DWG. NO.	10-00047-02-RS
REF. BK. PG.	
JOB NO.	488044
DSN. BY:	LOA
DWN. BY:	CAD
CHK. BY:	LOA
DATE:	APRIL, 2013

SCALE: 1" = 4'
 SHEET 16 OF 45

S:\Land Projects\WOOD RIVER PS (188044)\FERGUSON\HC RAMPS\slw\REMOVAL FERGUSON 3RD.dwg, 4/15/2013 8:38:05 AM, jman, 14

CONTRACT NO. 97526



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 2, Granite City, IL 62040 618/877-9309 E-mail: mail@granitecityengineers.com
 DESIGN FIRM # 184-000992





CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 REMOVAL PLAN

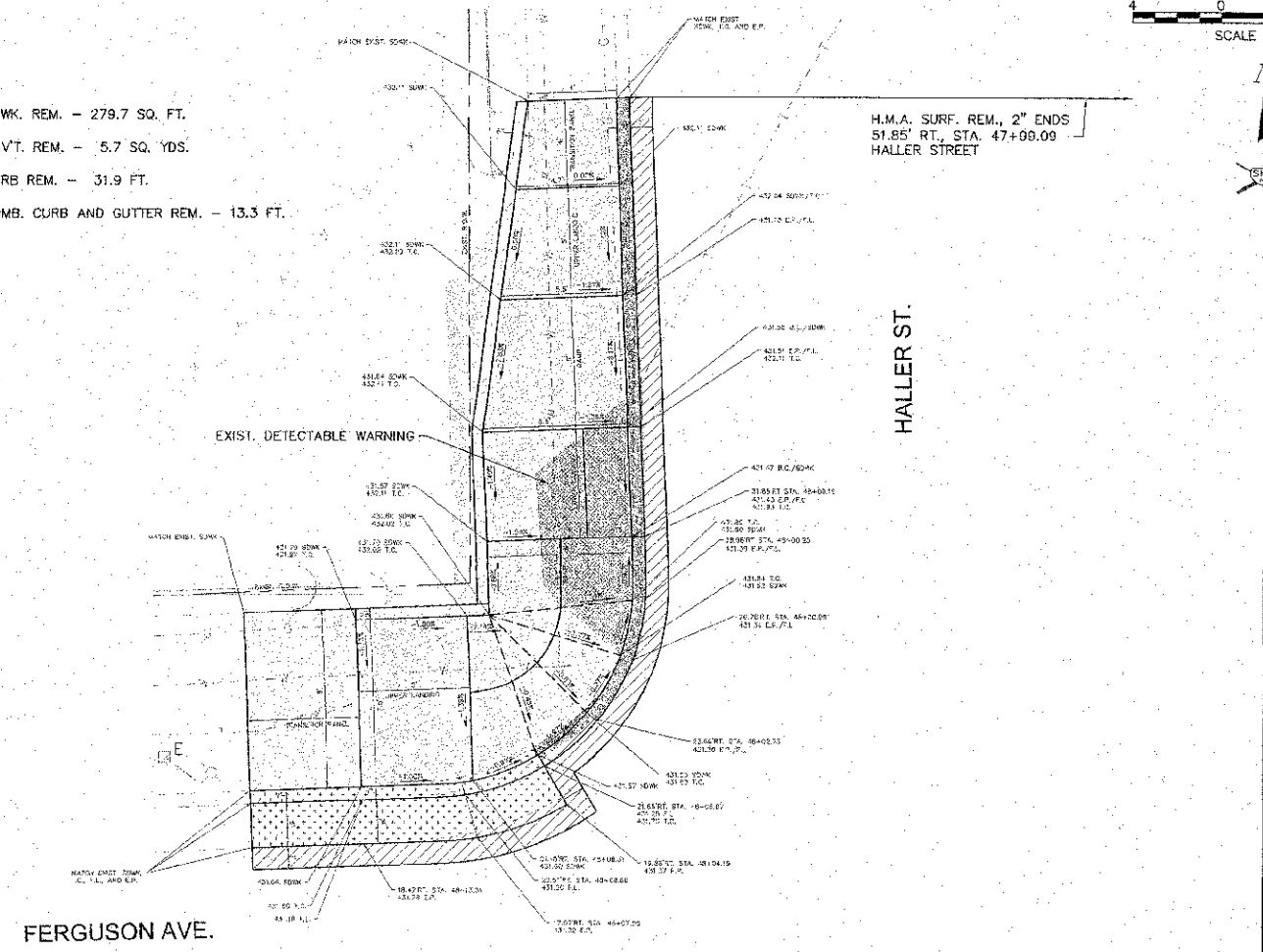
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PROJECT	FERGUSON AVENUE RESURFACING
REF. BK.	PG.
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013
SCALE:	1" = 4'
SHEET	17 OF 45





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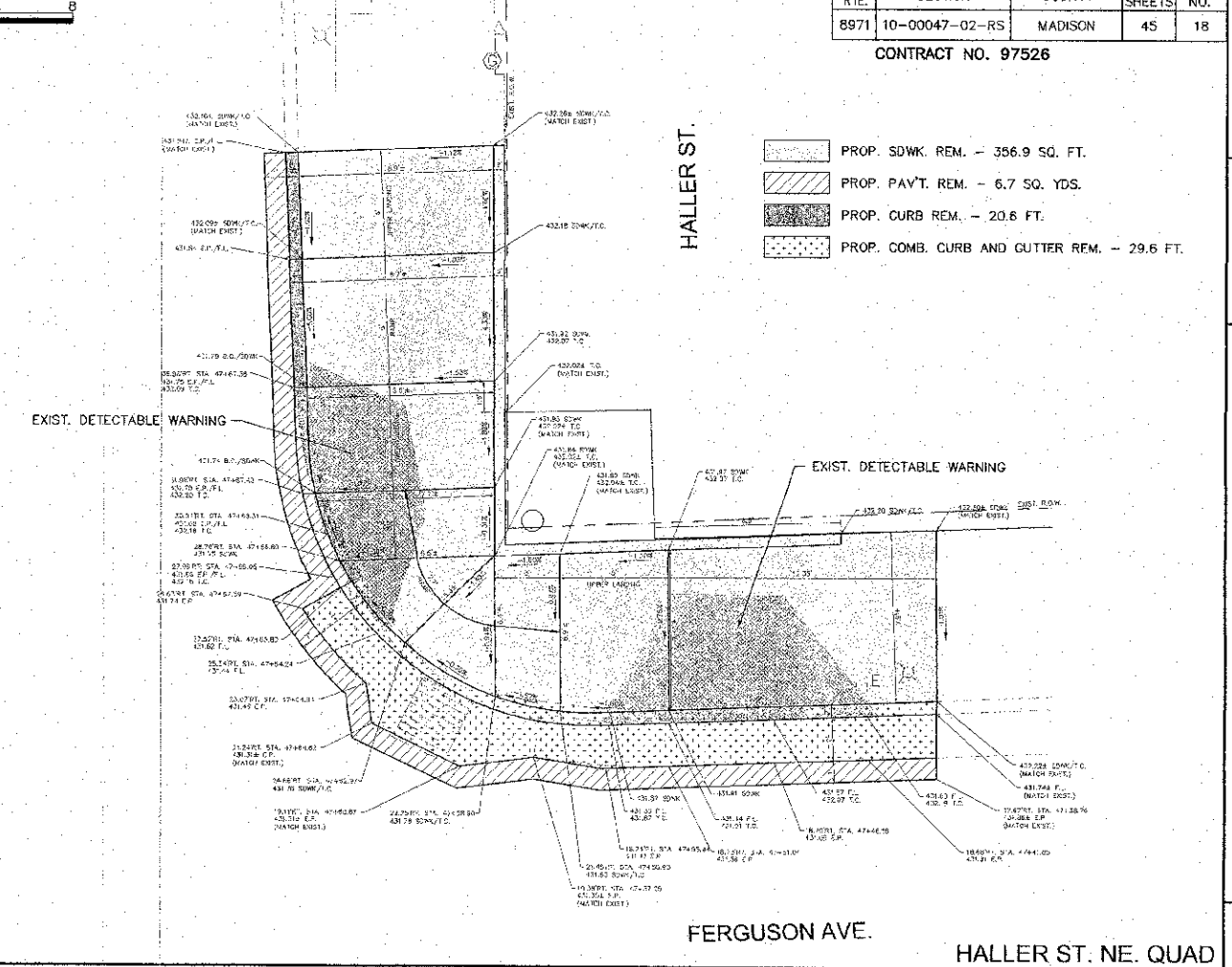
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B971	10-00047-02-RS	MADISON	45	18


CONTRACT NO. 97526

-  PROP. SDWK. REM. - 279.7 SQ. FT.
-  PROP. PAVT. REM. - 5.7 SQ. YDS.
-  PROP. CURB REM. - 31.9 FT.
-  PROP. COMB. CURB AND GUTTER REM. - 13.3 FT.

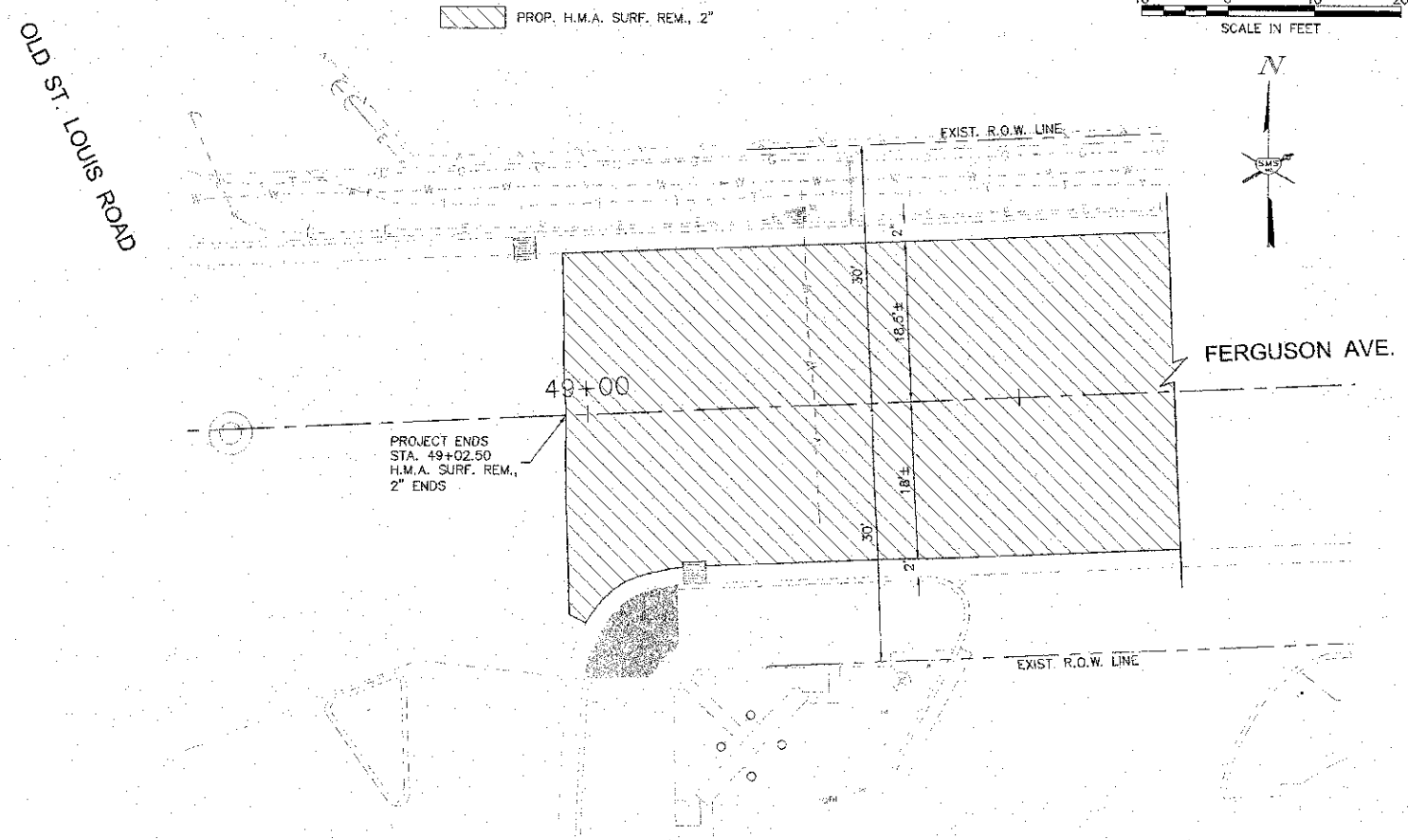


-  PROP. SDWK. REM. - 386.9 SQ. FT.
-  PROP. PAVT. REM. - 6.7 SQ. YDS.
-  PROP. CURB REM. - 20.6 FT.
-  PROP. COMB. CURB AND GUTTER REM. - 29.6 FT.



-  PROP. H.M.A. SURF. REM., 2"

SCALE IN FEET



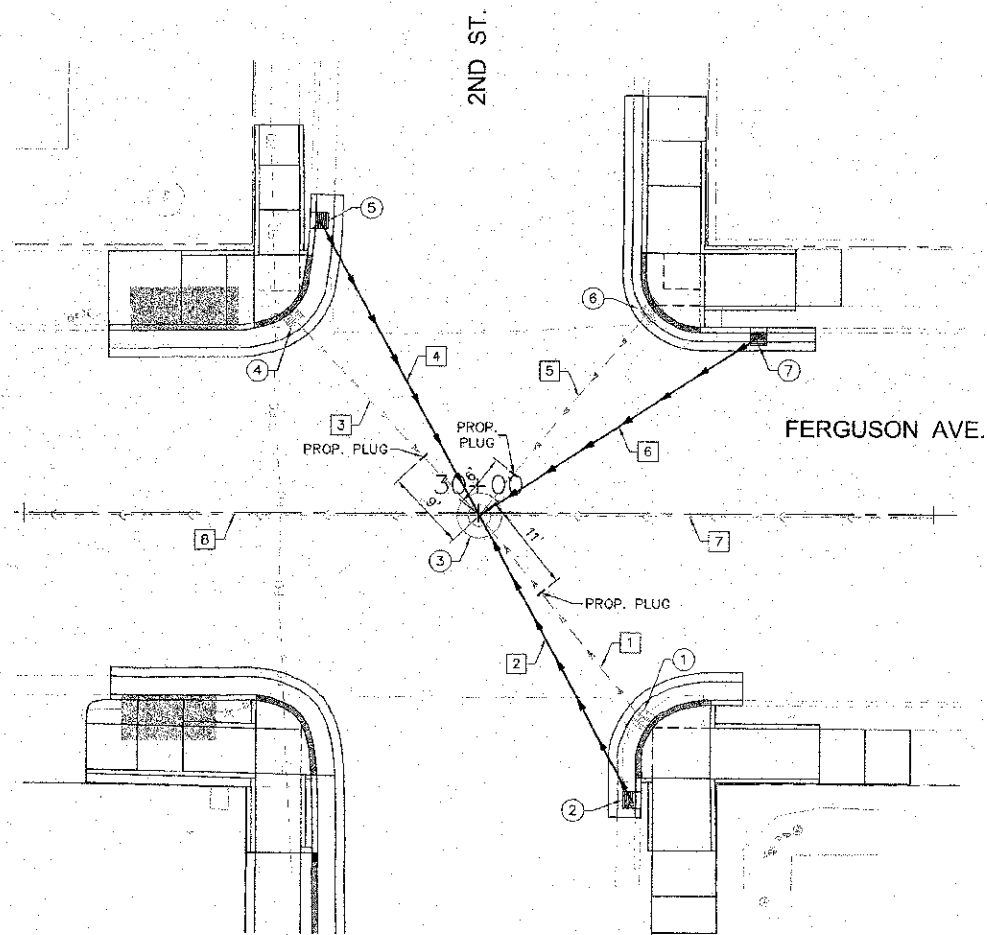
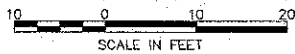
REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box 12, Alton, IL 62002, 618-262-2075, E-mail: smse@smseengineers.com
 19 Central Industrial Drive, Suite 3, Santa Fe, IL 62450, 618-277-4000, E-mail: central@smseengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 REMOVAL PLAN

DWG. NO.	10-00047-02-RS
REF. B.C. PG.	
JOB NO.	4880-44
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL 2013
SCALE:	1" = 4'
SHEET:	18 OF 45

S:\land Project\WOOD RIVER US (48804) FERGUSON -C- F&M\15\dwg\REMOVAL FERGUSON_HALLER.dwg, 4/15/2013 8:39:55 AM, Jman, 1:4



DRAINAGE STRUCTURES

- ① 22.51' LT., STA. 29+82.22
EXIST. INLET WITH TY. 3 F.&G.
EXIST. T.C. = 441.59
EXIST. 10" N.W. F.L. = 437.65 (PLUG)
FILLING INLETS - 1 EACH
(SAND - 0.3 CU. YDS., FOR INFORMATION ONLY)
- ② 31.73' LT., STA. 29+83.05
INLETS, TY. A, TY. 3 F.&G.
T.C. = 441.78
12" N.W. F.L. = 437.65
- ③ 0.27' LT., STA. 29+89.88
EXIST. MANHOLE
EXIST. TOP ELEV. = 441.87
EXIST. 10" N.W. F.L. = 436.27
PROP. 12" N.W. F.L. = 436.27
EXIST. 10" N.E. F.L. = 436.25
PROP. 12" N.E. F.L. = 436.25
EXIST. 18" W. F.L. = 422.75
EXIST. 18" E. F.L. = 422.64
EXIST. 10" S.E. F.L. = 436.17
PROP. 12" S.E. F.L. = 436.17
- ④ 21.17' RT., STA. 30+19.93
EXIST. INLET WITH TY. 3 F.&G.
EXIST. T.C. = 441.74
EXIST. 10" S.E. F.L. = 437.14 (PLUG)
FILLING INLETS - 1 EACH
(SAND - 0.3 CU. YDS., FOR INFORMATION ONLY)
- ⑤ 32.70' RT., STA. 30+17.53
INLETS, TY. A, TY. 3 F.&G.
T.C. = 441.98
12" S.E. F.L. = 437.14
- ⑥ 22.09' RT., STA. 29+81.79
EXIST. INLET WITH TY. 3 F.&G.
EXIST. T.C. = 441.88
EXIST. 10" S.W. F.L. = 437.91 (PLUG)
FILLING INLETS - 1 EACH
(SAND - 0.3 CU. YDS., FOR INFORMATION ONLY)
- ⑦ 19.80' RT., STA. 29+69.29
INLETS, TY. A, TY. 3 F.&G.
T.C. = 441.89
12" S.W. F.L. = 437.91

STORM SEWERS

- ① ① TO ⑤ EXIST. 10" V.C.P.
S.S. REM. 10" - 11 FT. (FROM C/L OF MANHOLE)
PLUG AND ABANDON REMAINING S.S. IN PLACE
TRENCH BACKFILL - 1.8 CU. YDS.
- ② ② TO ③ S.S. CL. A, TY. 1, 12" - 36 FT. @ 4.11%
TRENCH BACKFILL - 11.6 CU. YDS.
- ③ ④ TO ③ EXIST. 10" V.C.P.
S.S. REM. 10" - 9 FT. (FROM C/L OF MANHOLE)
PLUG AND ABANDON REMAINING S.S. IN PLACE
TRENCH BACKFILL - 1.3 CU. YDS.
- ④ ⑤ TO ③ S.S. CL. A, TY. 2, 12" - 36 FT. @ 2.34%
TRENCH BACKFILL - 13.0 CU. YDS.
- ⑤ ⑥ TO ③ EXIST. 10" V.C.P.
S.S. REM. 10" - 6 FT. (FROM C/L OF MANHOLE)
PLUG AND ABANDON REMAINING S.S. IN PLACE
TRENCH BACKFILL - 0.8 CU. YDS.
- ⑥ ⑦ TO ③ S.S. CL. A, TY. 1, 12" - 37 FT. @ 4.49%
TRENCH BACKFILL - 8.7 CU. YDS.
- ⑦ EXIST. 18" C.I. COMBINED SEWER TO REMAIN
- ⑧ EXIST. 18" C.I. COMBINED SEWER TO REMAIN

NOTE: ALL PROPOSED PLUGS WILL NOT BE MEASURED FOR PAYMENT, BUT THE COST OF THE PLUGS WILL BE INCLUDED IN THE COST OF THE STORM SEWER REMOVAL.

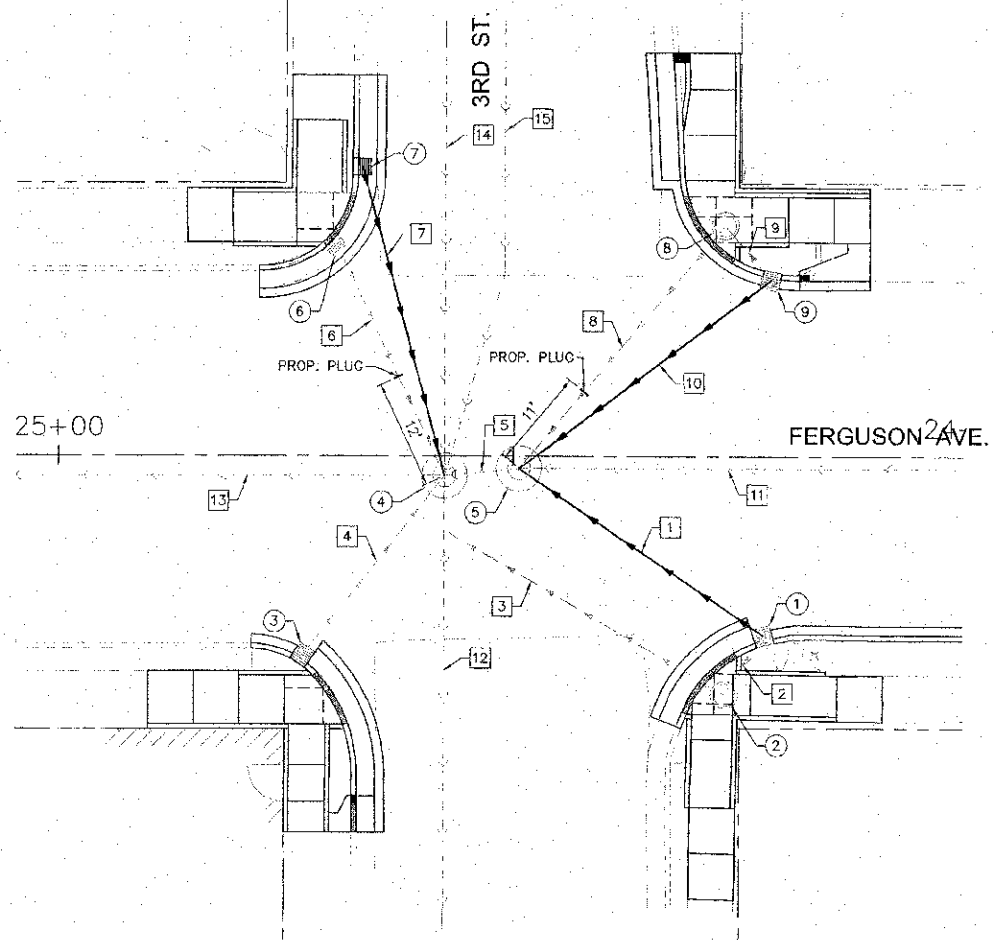
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	19

CONTRACT NO. 97526

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
210 Market Street, P.O. Box E, Alton, IL 62002 (618) 432-3155
10 Central Industrial Drive, Suite 3, Granite City, IL 62040 (618) 437-4170
OFFICE: FIRM # 784-000992

2ND ST.



DRAINAGE STRUCTURES

- ① 18.78' LT., STA. 24+22.71
EXIST. INLET WITH TY. 3 F.&G.
INLETS TO BE ADJUSTED - 1 EACH
EXIST. T.C. = 445.23
EXIST. 12" S.W. F.L. = 439.46 (PLUG)
PROP. 12" N.W. F.L. = 439.46
- ② 26.29' LT., STA. 24+26.71
EXIST. MANHOLE
EXIST. TOP ELEV. = 445.63
EXIST. 12" N.E. F.L. = 441.69 (PLUG)
EXIST. 12" N.W. F.L. = 441.30 (PLUG)
FILLING MANHOLES - 1 EACH
(SAND - 1.6 CU. YDS., FOR INFORMATION ONLY)
- ③ 21.17' LT., STA. 24+72.44
EXIST. INLET WITH TY. 3 F.&G.
EXIST. T.C. = 445.10
EXIST. 10" N.E. F.L. = 440.98
- ④ 2.17' LT., STA. 24+57.55
EXIST. MANHOLE
MANHOLES TO BE ADJUSTED - 1 EACH
EXIST. TOP ELEV. = 445.81
EXIST. 10" N.W. F.L. = 439.69
PROP. 12" N.W. F.L. = 439.69
EXIST. 15" N. F.L. = 422.84
EXIST. 15" N.E. F.L. = 431.20
EXIST. 12" S.W. F.L. = 440.19
EXIST. 24" S. F.L. = 423.48
EXIST. 18" E. F.L. = 423.86
EXIST. 18" W. F.L. = 423.96
- ⑤ 1.37' LT., STA. 24+49.36
EXIST. MANHOLE
MANHOLES TO BE ADJUSTED - 1 EACH
EXIST. TOP ELEV. = 445.70
EXIST. 12" N.E. F.L. = 438.85
PROP. 12" N.E. F.L. = 438.85
EXIST. 18" E. F.L. = 423.56
EXIST. 18" W. F.L. = 423.30
PROP. 12" S.E. F.L. = 438.92
- ⑥ 22.48' RT., STA. 24+69.15
EXIST. INLET WITH TY. 3 F.&G.
EXIST. T.C. = 445.31
EXIST. S.E. F.L. = 440.50 (PLUG)
FILLING INLETS - 1 EACH
(SAND - 0.4 CU. YDS., FOR INFORMATION ONLY)
- ⑦ 31.76' RT., STA. 24+66.66
INLETS, TY. A, TY. 3 F.&G.
T.C. = 445.35
12" S.E. F.L. = 440.50

- ⑧ 25.34' RT., STA. 24+26.80
EXIST. MANHOLE
EXIST. TOP ELEV. = 445.52
EXIST. 12" S.W. F.L. = 441.08 (PLUG)
EXIST. 12" S.E. F.L. = 442.30 (PLUG)
FILLING MANHOLES - 1 EACH
(SAND - 1.7 CU. YDS., FOR INFORMATION ONLY)
- ⑨ 18.34' RT., STA. 24+21.97
EXIST. INLET WITH TY. 3 F.&G.
EXIST. T.C. = 445.15
EXIST. 12" N.W. F.L. = 439.48 (PLUG)
INLETS TO BE ADJUSTED - 1 EACH
PROP. T.C. = 445.43
PROP. 12" S.W. F.L. = 439.48

STORM SEWERS

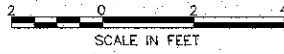
- ① ① TO ⑤ S.S. CL. A, TY. 2, 12" - 32 FT. @ 2.00%
TRENCH BACKFILL - 25.3 CU. YDS.
- ② ① TO ② EXIST. 12" V.C.P.
S.S. REM. 12" - 8 FT.
TRENCH BACKFILL - 3.6 CU. YDS.
- ③ ② TO ④ EXIST. 12" V.C.P.
ABANDONED IN PLACE
PLUG END IN EXIST. M.H. ②
- ④ ③ TO ④ EXIST. 12" V.C.P. TO REMAIN
- ⑤ EXIST. 18" C.I. COMBINED SEWER TO REMAIN
- ⑥ ⑥ TO ④ EXIST. 10" V.C.P.
S.S. REM. 10" - 12 FT. (FROM C/L OF MANHOLE)
PLUG AND ABANDON REMAINING S.S. IN PLACE
TRENCH BACKFILL - 3.0 CU. YDS.
- ⑦ ⑦ TO ④ S.S. CL. A, TY. 2, 12" - 36 FT. @ 2.25%
TRENCH BACKFILL - 13.0 CU. YDS.
- ⑧ ⑧ TO ⑤ EXIST. 12" V.C.P.
S.S. REM. 12" - 11 FT. (FROM C/L OF MANHOLE)
PLUG AND ABANDON REMAINING S.S. IN PLACE
TRENCH BACKFILL - 1.8 CU. YDS.
- ⑨ ⑨ TO ⑧ EXIST. 12" V.C.P.
S.S. REM. 12" - 7 FT.
TRENCH BACKFILL - 2.7 CU. YDS.
- ⑩ ⑨ TO ⑤ S.S. CL. A, TY. 2, 12" - 32 FT. @ 1.97%
TRENCH BACKFILL - 23.3 CU. YDS.
- ⑪ EXIST. 18" C.I. COMBINED SEWER TO REMAIN
- ⑫ EXIST. 24" C.I. COMBINED SEWER TO REMAIN
- ⑬ EXIST. 18" C.I. COMBINED SEWER TO REMAIN
- ⑭ EXIST. 15" C.I. COMBINED SEWER TO REMAIN
- ⑮ EXIST. 15" C.I. COMBINED SEWER TO REMAIN

3RD ST.

CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
STORM SEWER PLAN

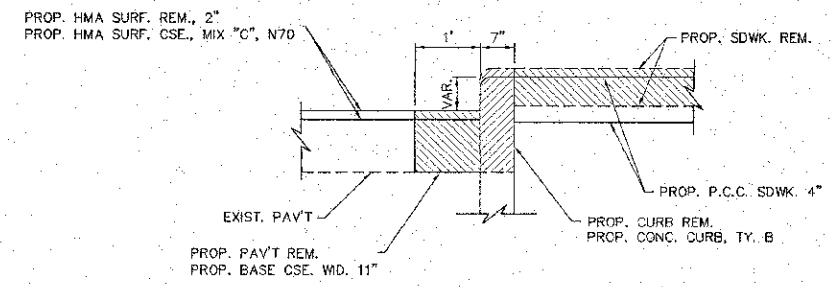
DWG. NO.
STORM SEWER FERGUSON 2ND-3RD.DWG
REF. BY: PC
JOB NO. 488044
DSN. BY: LDA
DWN. BY: CAD
CHK. BY: LDA
DATE: APRIL, 2013

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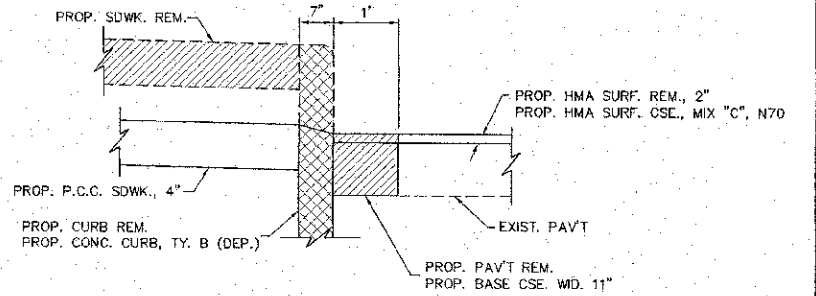


F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B971	10-00047-02-RS	MADISON	45	20

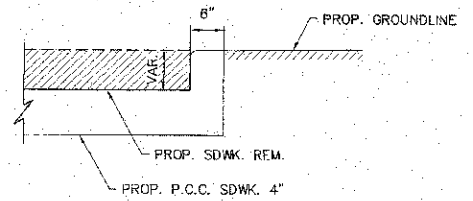
CONTRACT NO. 97526



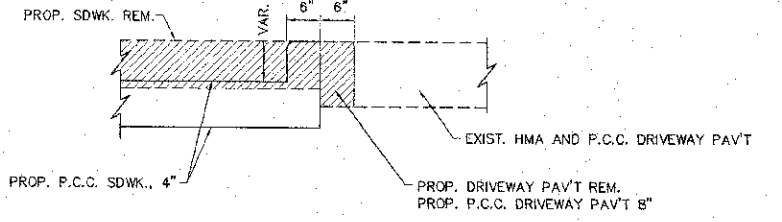
SECTION E - E



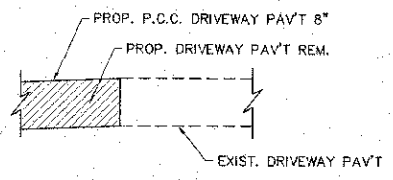
SECTION A - A



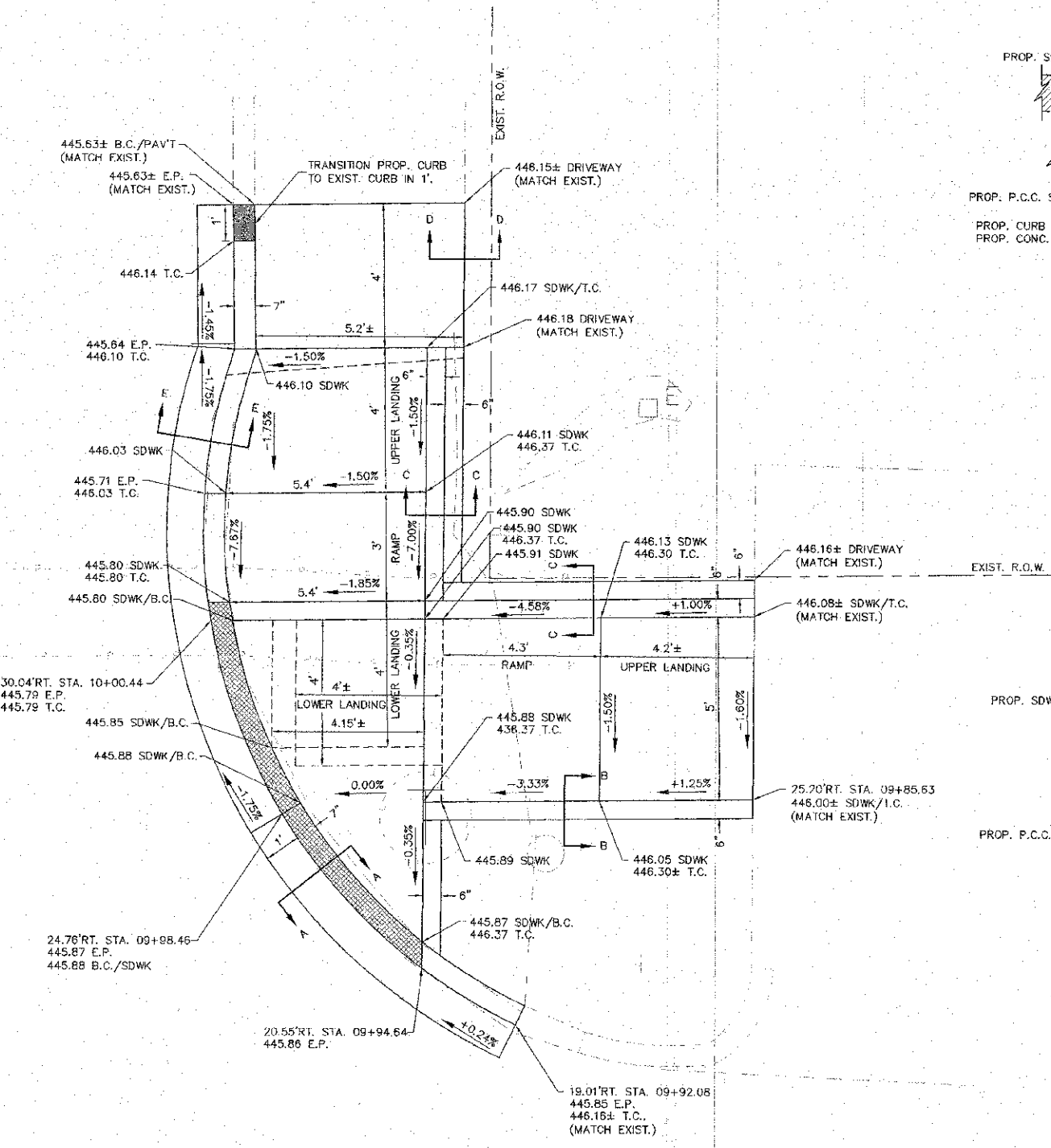
SECTION B - B



SECTION C - C



SECTION D - D



FERGUSON AVE.

6TH ST.

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 ENGINEERS

170 Walker Street, P.O. Box 5, Alton, IL 62002, 618/462-2750. Email: mail@smsengineers.com
 10 Central Expressway, Suite 3, Geneva, NY 14456, 716/781-6200. Email: me@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

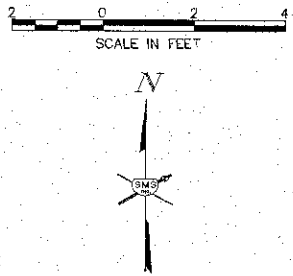
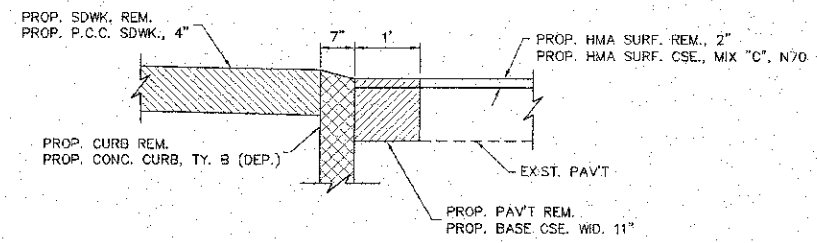
DWG. NO.	10-00047-02-RS
DATE	APRIL, 2013
SCALE	NOT TO SCALE
SHEET	20 OF 45

6TH ST. NE. QUAD

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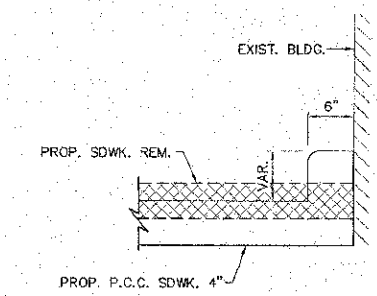
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	21

CONTRACT NO. 97526

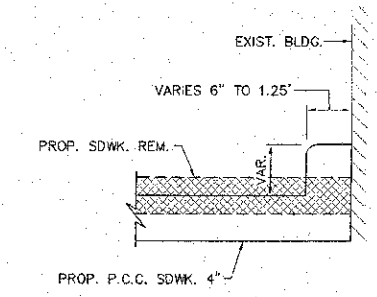


FERGUSON AVE.

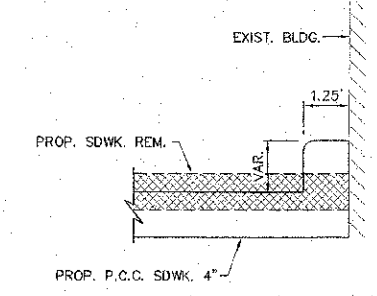
SECTION A - A



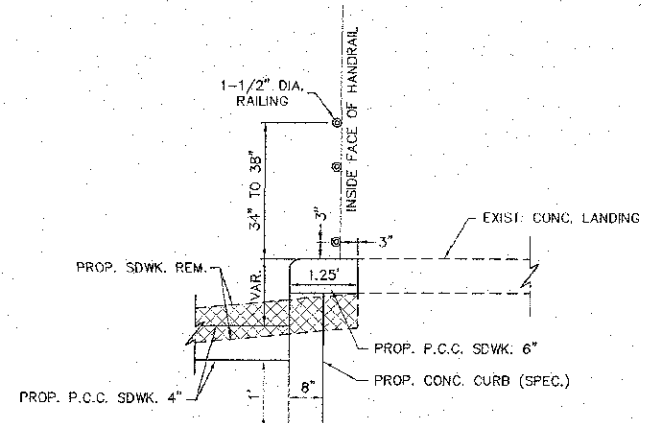
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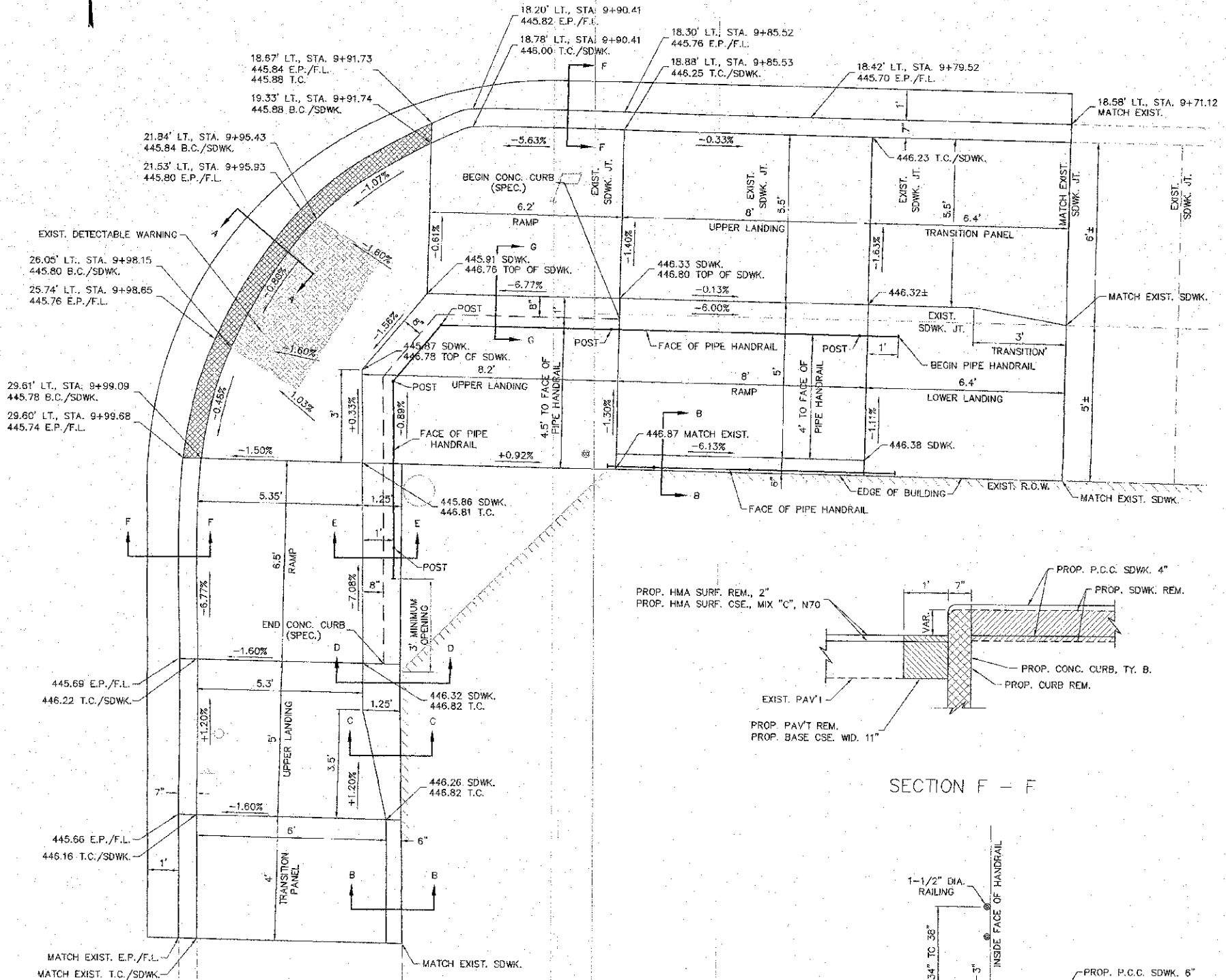
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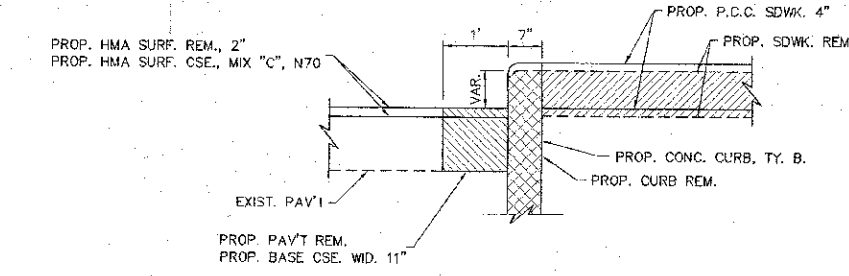
SECTION D - D



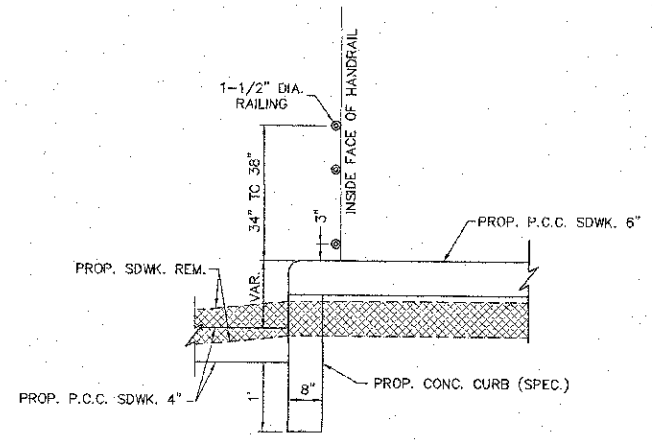
SECTION E - E



6TH ST.



SECTION F - F



SECTION G - G

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002, 618462-9745, E-mail: sm@smengineers.com
10 Central Industrial Drive, Suite 3, Granite City, IL 62040, 618977-5700, E-mail: mail@smengineers.com
DESIGN FIRM # 164-000992

CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
INTERSECTION DETAILS

DWG. NO. 10-00047-02-RS-21

DATE:	APRIL, 2013
CHK. BY:	LDA
DSN. BY:	LDA
REF. BK. PG.	
PROJECT:	FERGUSON AVE. RESURFACING
SHEET:	21 OF 45

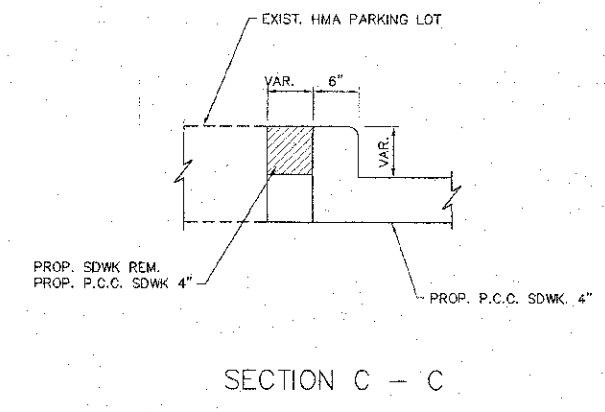
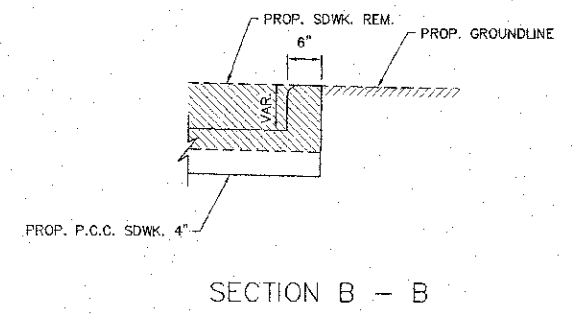
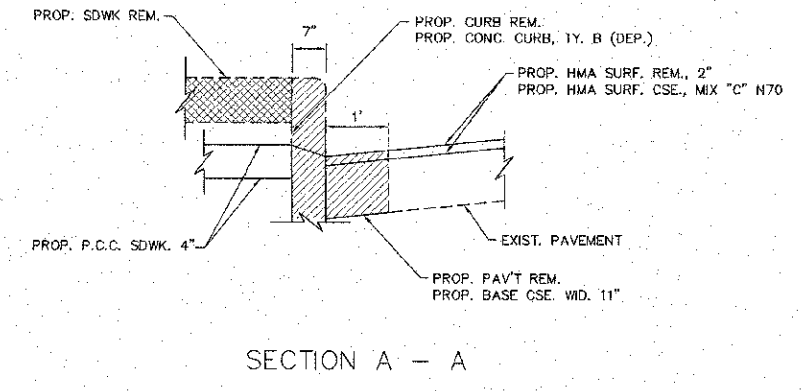
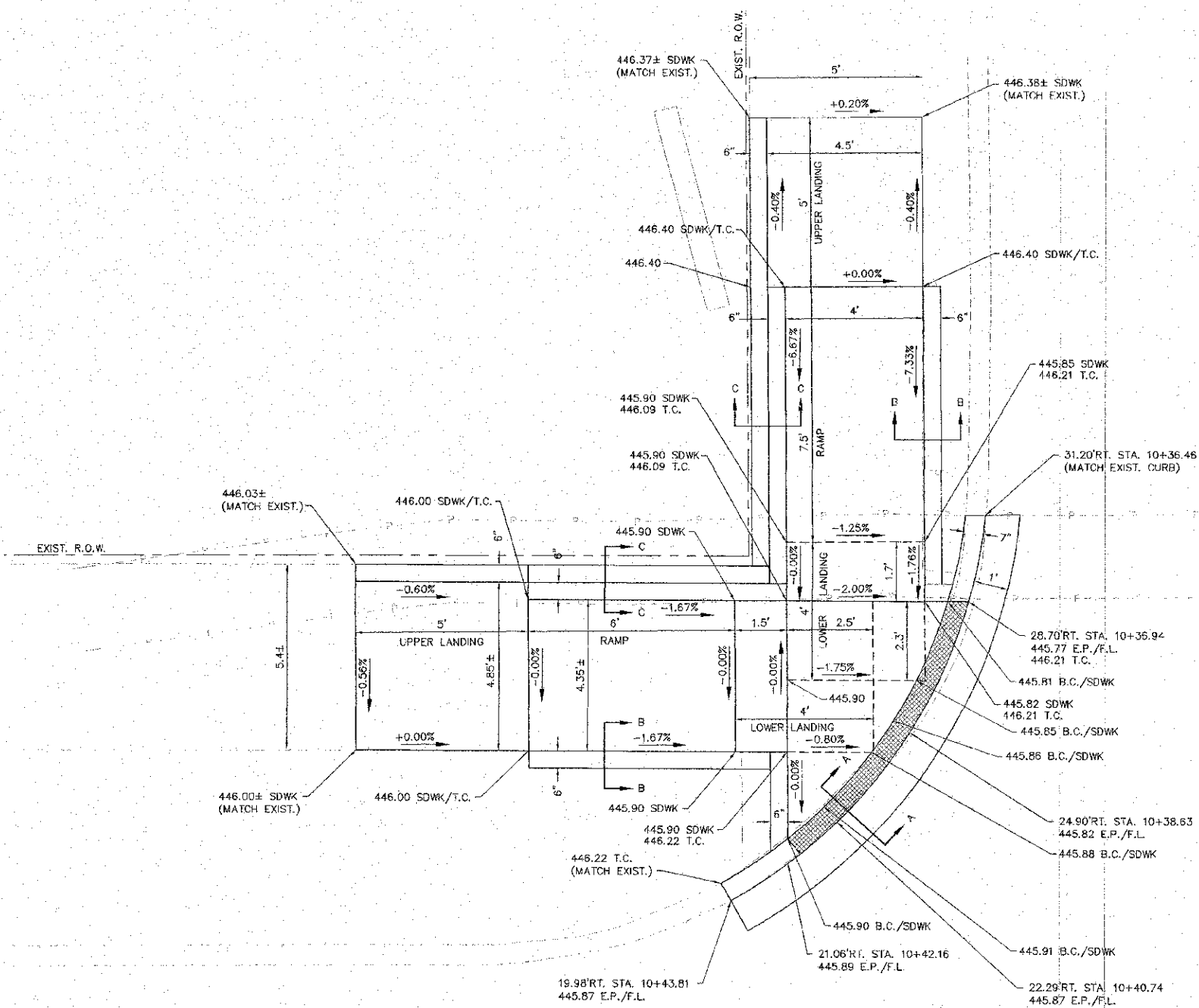
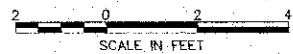
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6TH ST. SE. QUAD

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B971	10-00047-02-RS	MADISON	45	22

CONTRACT NO. 97526



SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002, 618/462-9165, E-mail: sms@smsengineers.com
80 Central Industrial Drive, Suite 3, Granite City, IL 62040, 618/977-8079, E-mail: sms@smsengineers.com
DESIGN FIRM # 184-006992

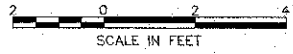
CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
INTERSECTION DETAILS

DWG. NO.	10-00047-02-RS
REF. BK. PG.	10-00047-02-RS
JOB NO.	488044
DSN. BY.	LDA
DWN. BY.	CAD
CHK. BY.	LDA
DATE:	APRIL, 2013

SCALE: NOT TO SCALE
SHEET 22 OF 45

6TH ST. NW. QUAD

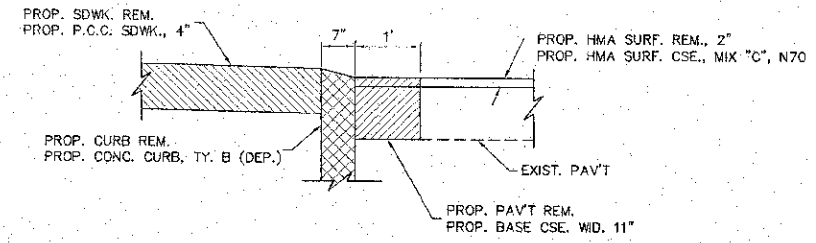
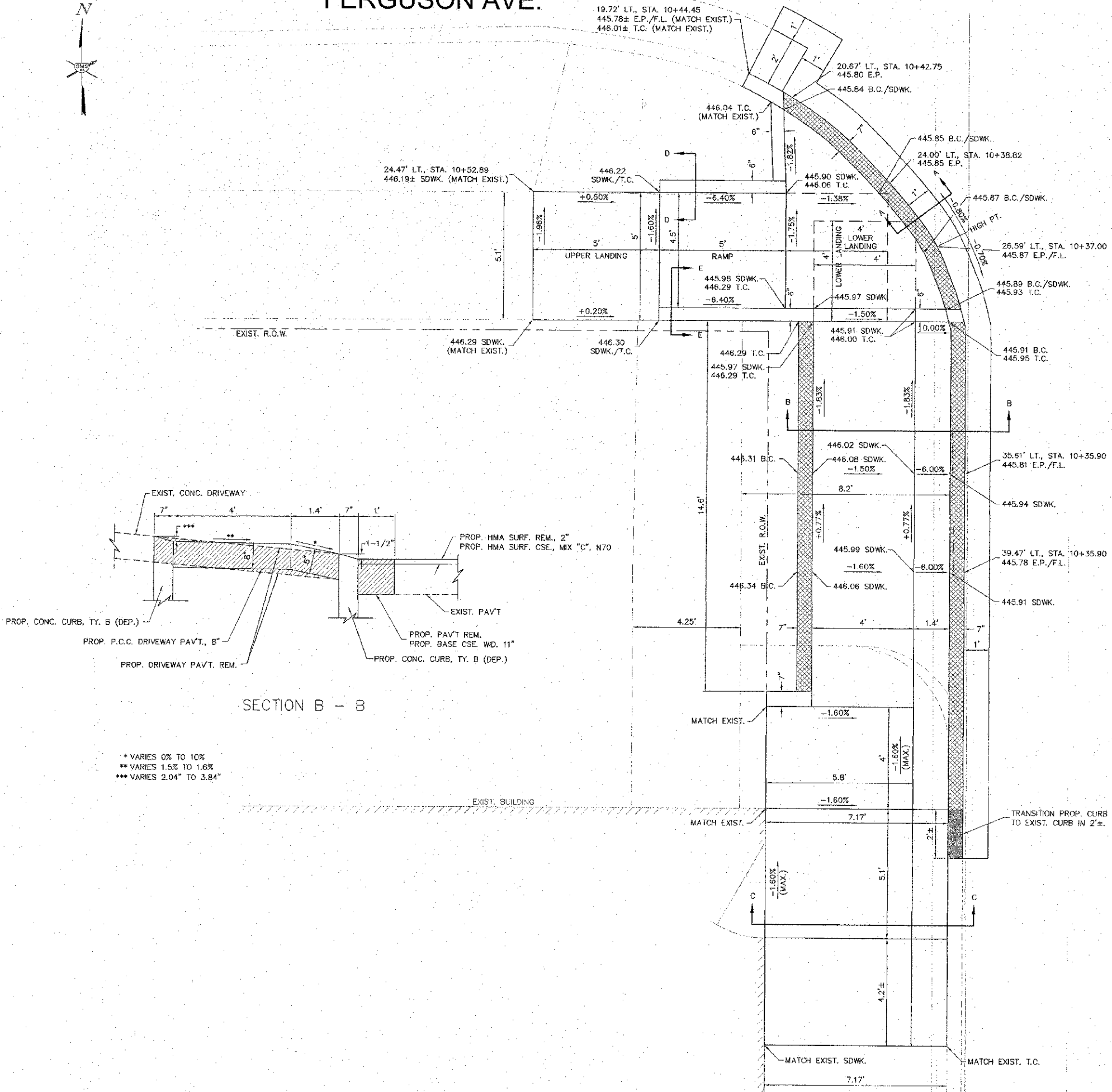
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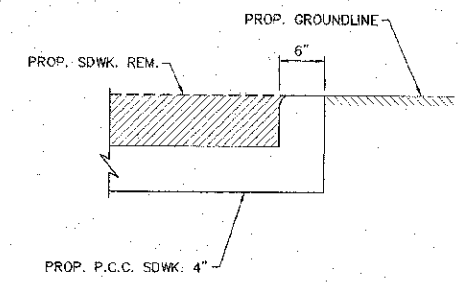
FERGUSON AVE.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B971	10-00047-02-RS	MADISON	45	23

CONTRACT NO. 97526

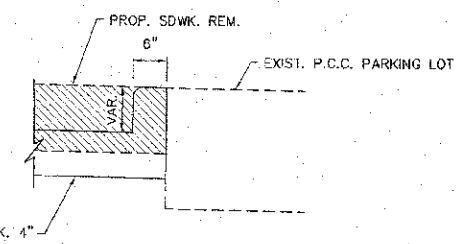


SECTION A - A

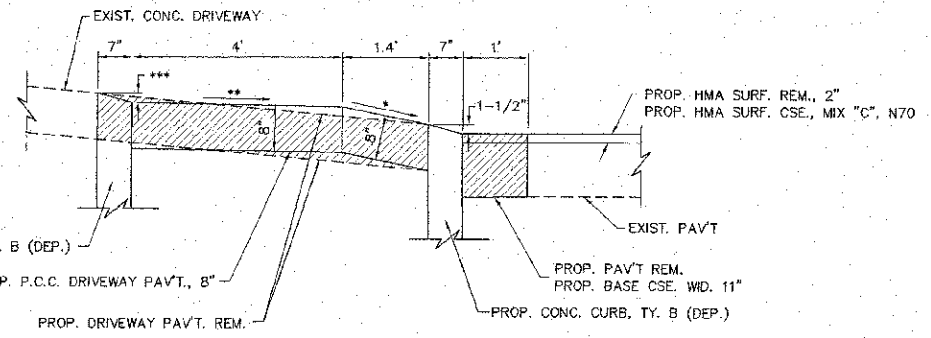


SECTION D - D

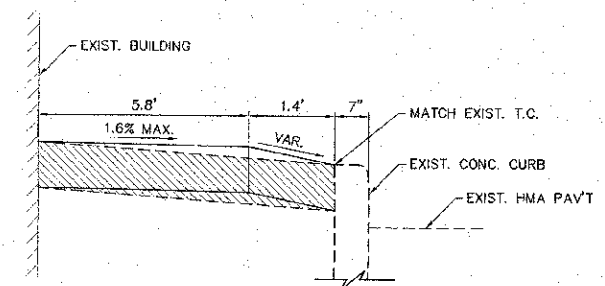
6TH ST.



SECTION E - E



SECTION B - B



SECTION C - C

* VARIES 0% TO 10%
 ** VARIES 1.5% TO 1.6%
 *** VARIES 2.04" TO 3.84"

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

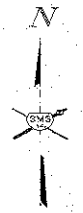
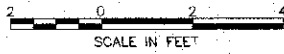
6TH ST. SW. QUAD

REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002, 618-462-9725, Email: mail@smsengineers.com
 10 Central Industrial Drive, Suite 3, Geneva, IL 60135, 630-232-1100, Email: info@smsengineers.com
 DESIGN FIRM # 184-000992

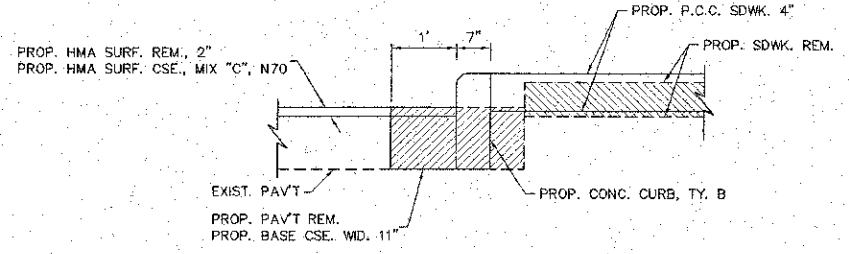
CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

DWG. NO.	10-00047-02-RS
DATE	APRIL 2013
SCALE	NOT TO SCALE
SHEET	23 OF 45

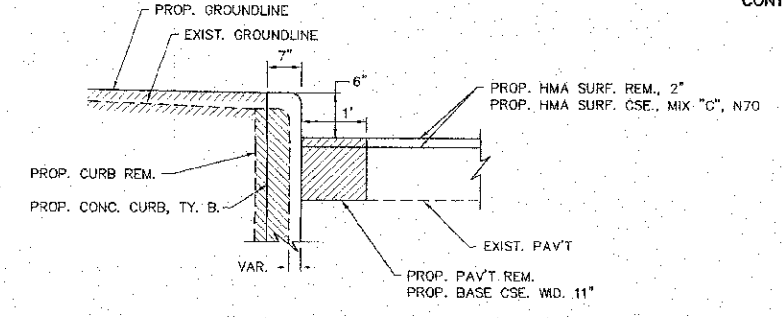


F.A.U. R/E	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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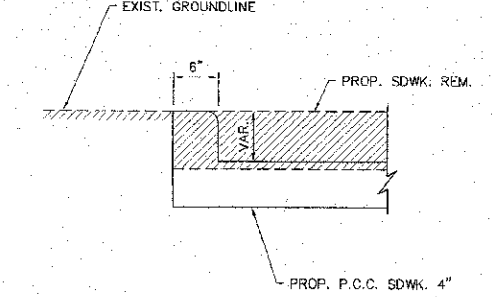
CONTRACT NO. 97526



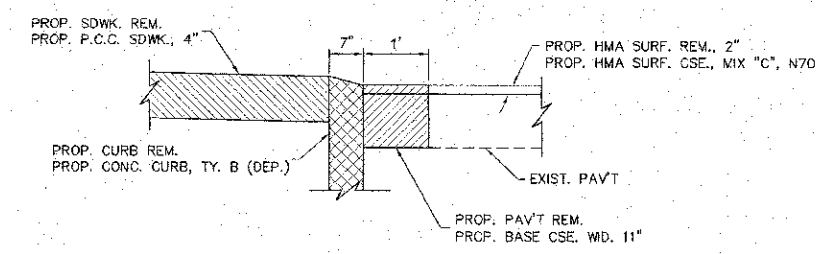
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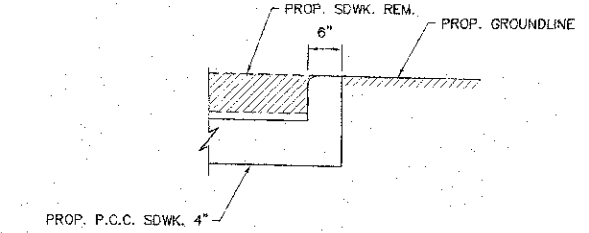
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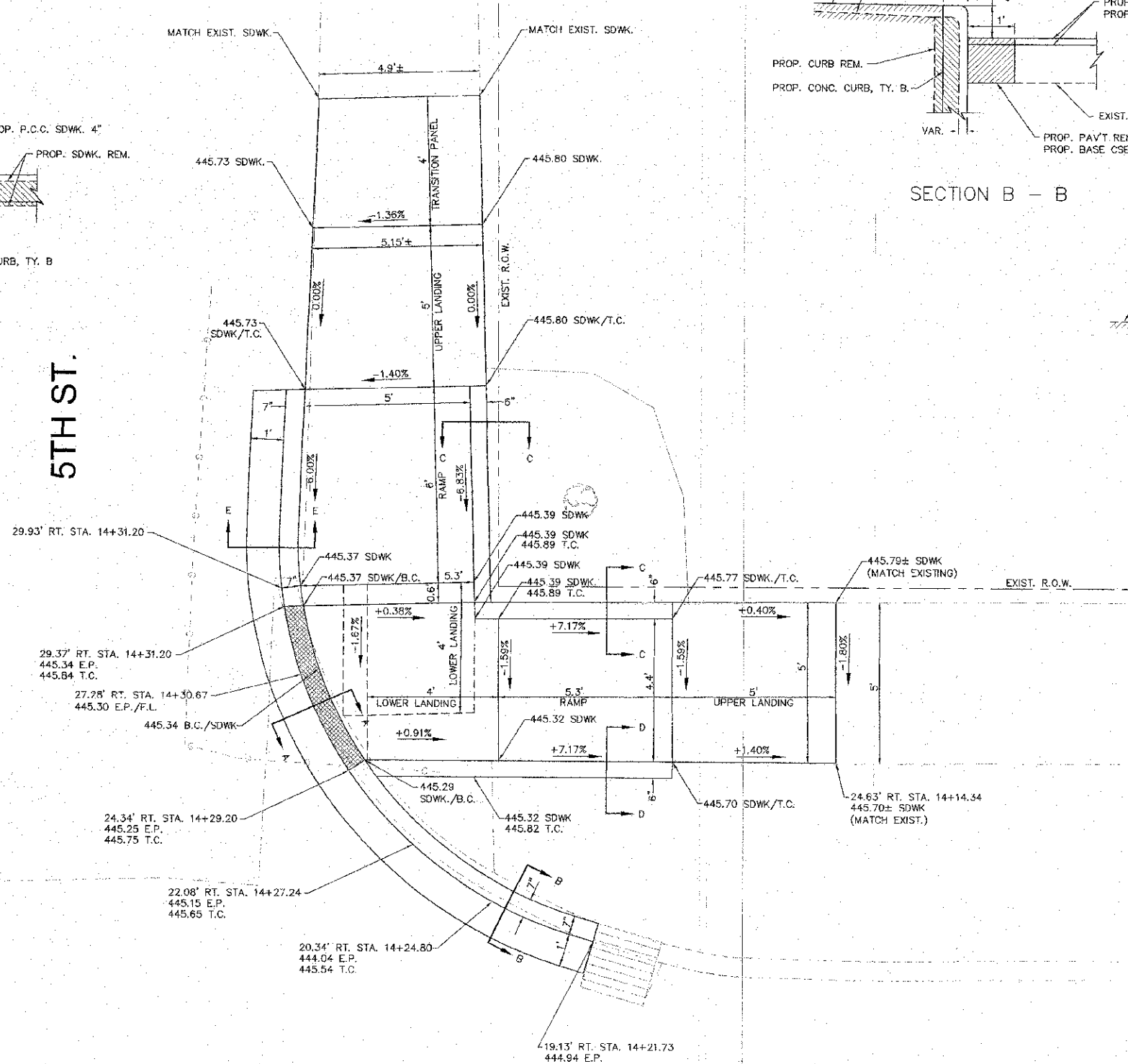
SECTION C - C



SECTION A - A



SECTION D - D



FERGUSON AVE.

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

5TH ST. NE. QUAD

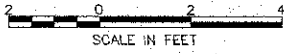
REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
115 Maple Street, P.O. Box E, Alton, IL 62002, 618-462-2750, E-mail: mail@smsengr.com
101 Cedar Island Drive, Suite 200, E. Alton, IL 62002, 618-462-2750, E-mail: info@smsengr.com
DESIGN FIRM # 184-005992

CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
INTERSECTION DETAILS

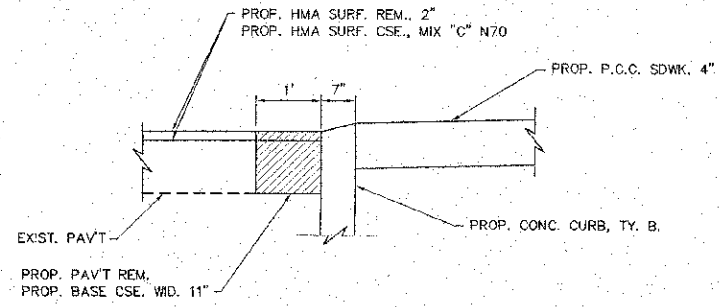
DWG. NO.	10-00047-02-RS
REF. BK. PG.	10-00047-02-RS
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013
SCALE:	NOT TO SCALE
SHEET	24 OF 45

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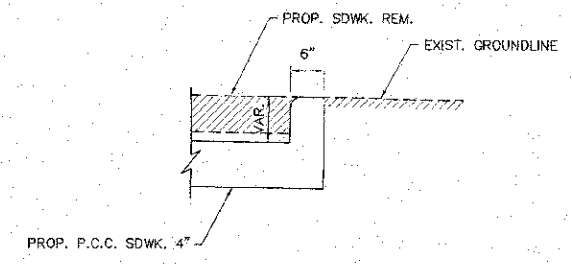


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	25

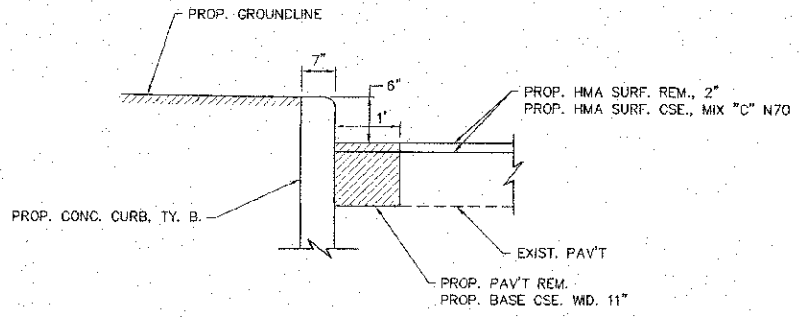
CONTRACT NO. 97526



SECTION A - A



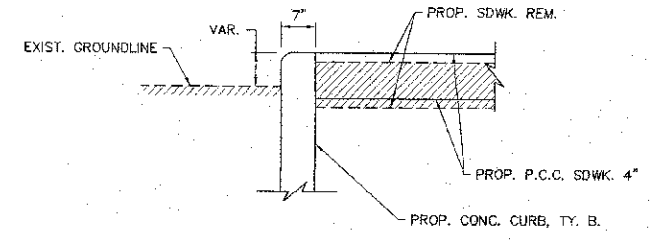
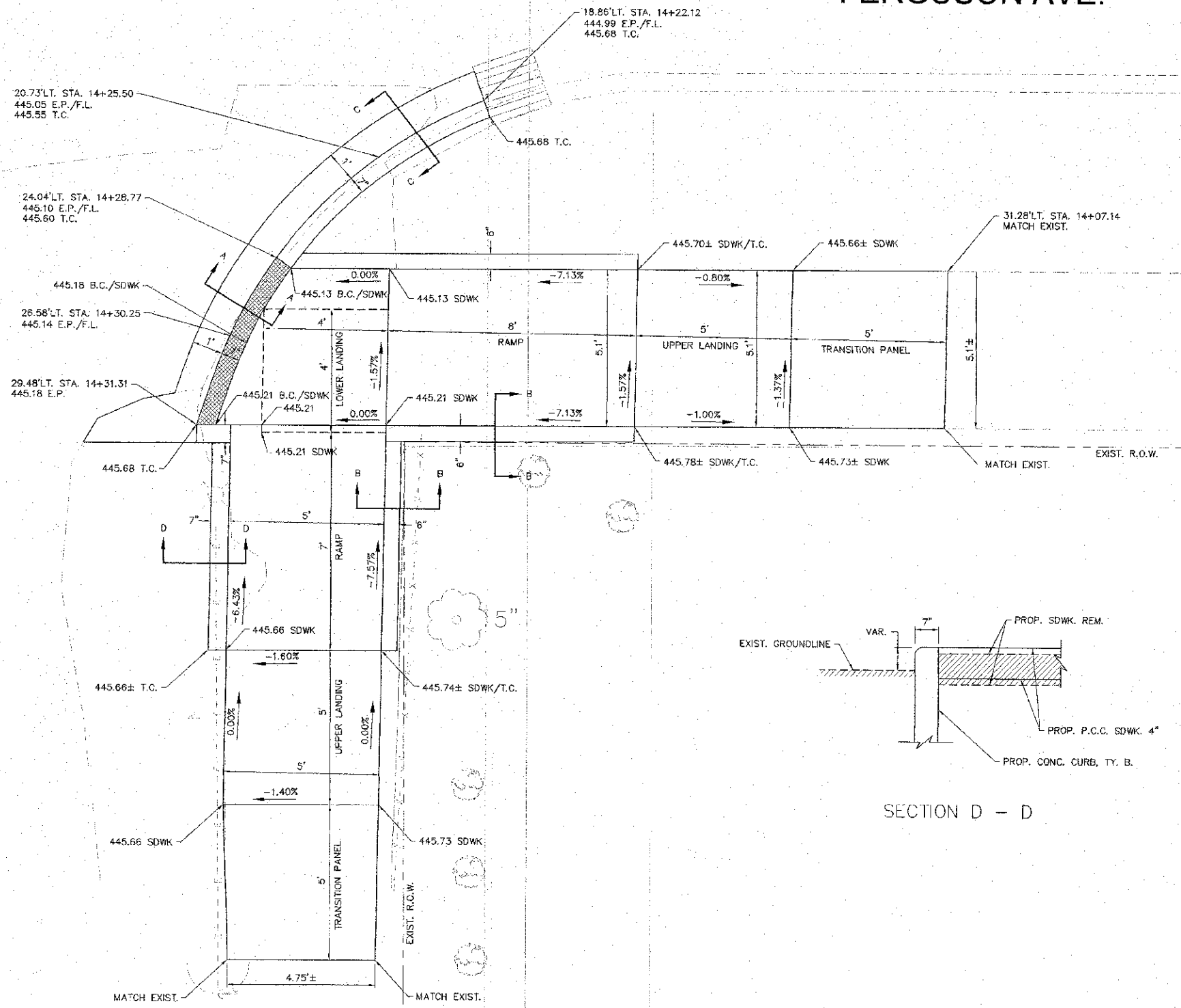
SECTION B - B



SECTION C - C

FERGUSON AVE.

5TH ST.



SECTION D - D

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

5TH ST. SE. QUAD

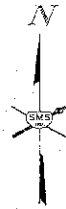
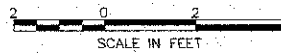
REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002, 618463-0765, E-mail: sms@smsshaab.com
 10 Central Expressway, Suite 3, Grant's City, IL 62040, 618377-8370, E-mail: ms@smsshaab.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

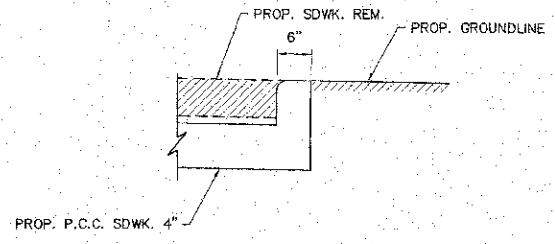
DWG. NO.	10-00047-02-RS-25
REF. BK.	PC
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013
SCALE:	NOT TO SCALE
SHEET	25 OF 45

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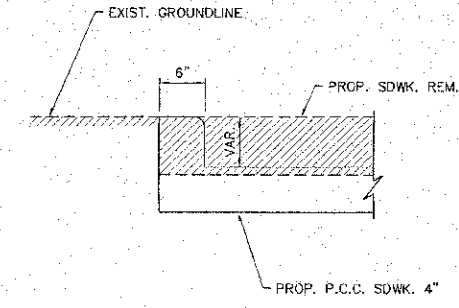


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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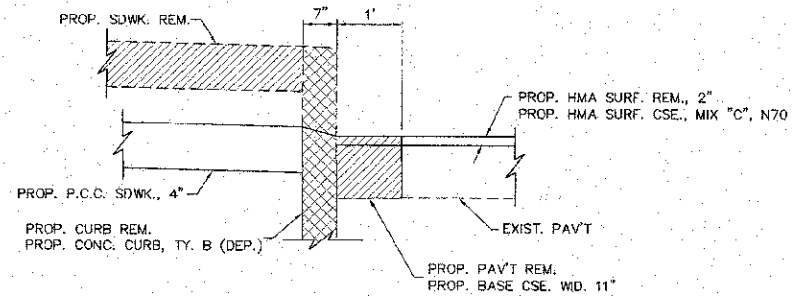
CONTRACT NO. 97526



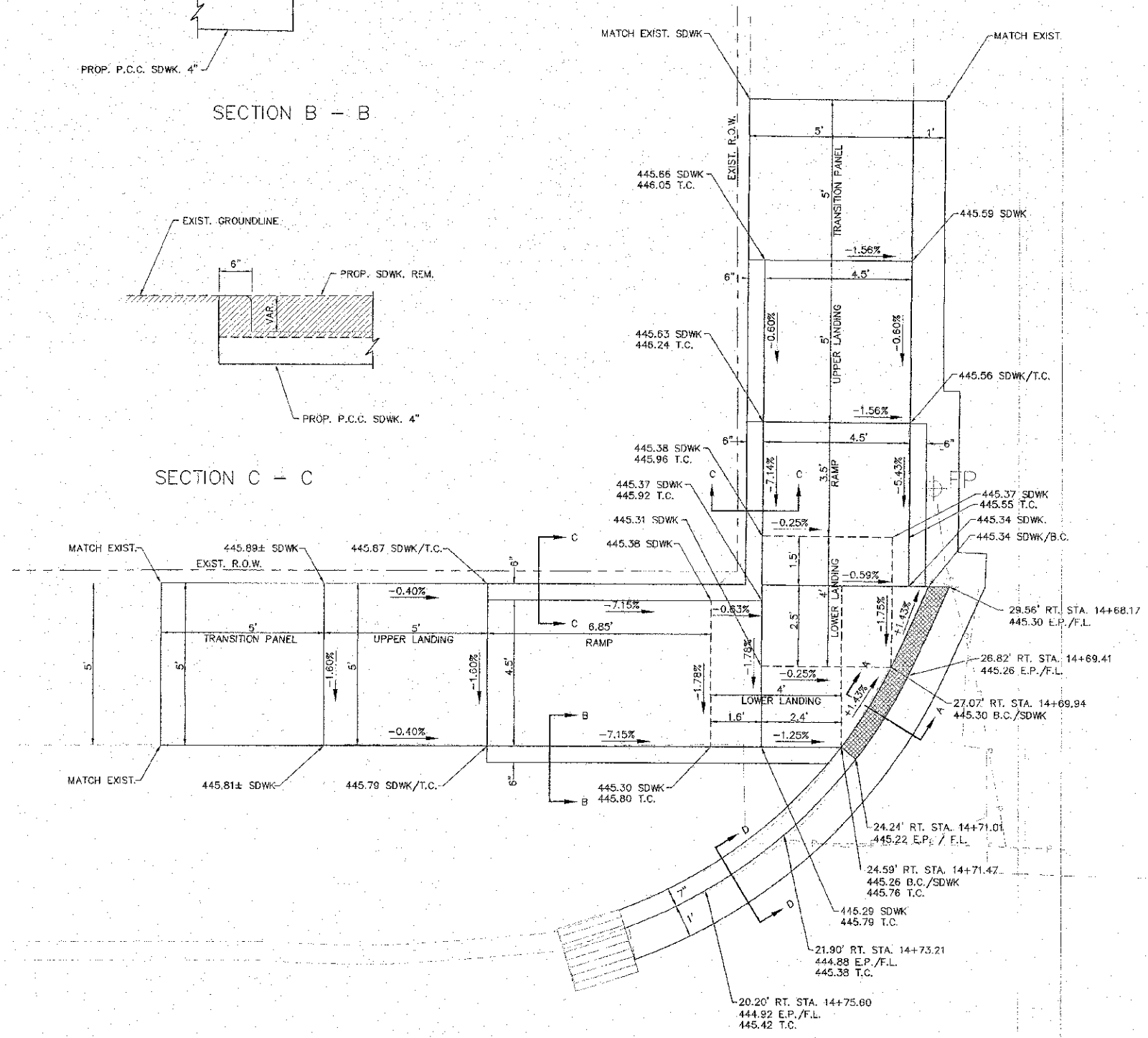
SECTION B - B



SECTION C - C

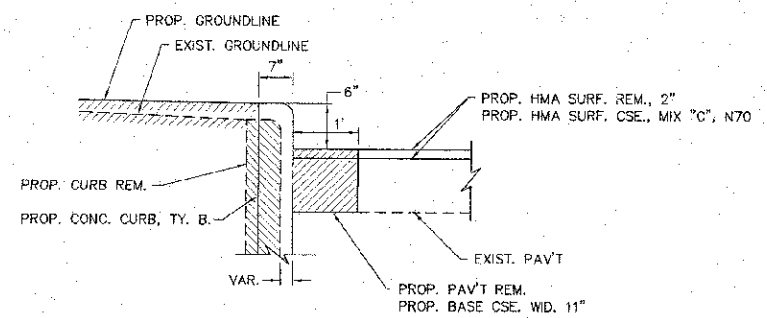


SECTION A - A



FERGUSON AVE.

5TH ST.



SECTION D - D

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

REVISIONS

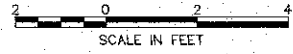
SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 270 Madison Street, P.O. Box E, Alton, IL 62002, (618) 462-2752, Email: info@smsengineers.com
 10 Central Industrial Drive, Suite 1, Granite City, IL 62040, (618) 477-4707, Email: info@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

DWG. NO.	10-00047-02-RS
DATE	APRIL 2013
CHK. BY	LDA
DES. BY	LDA
JOB NO.	488044
REF. BY	PC
INT. DET.	FERGUSON 5TH.DWG
DATE	APRIL 2013

5TH ST. NW. QUAD

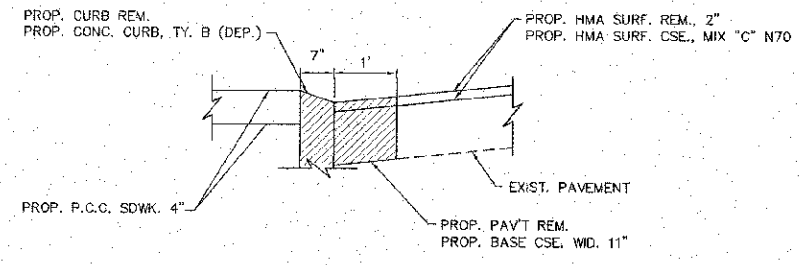
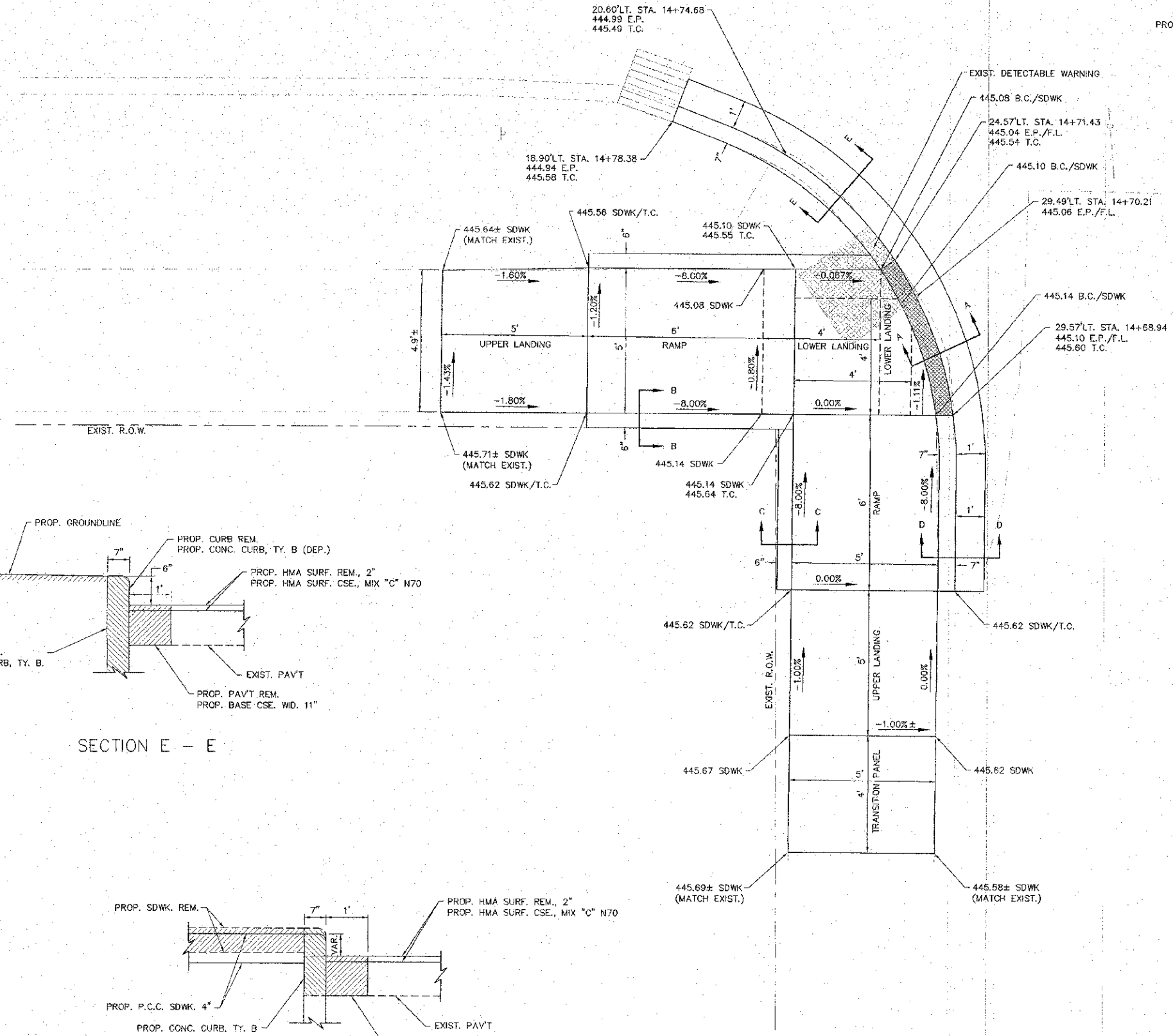
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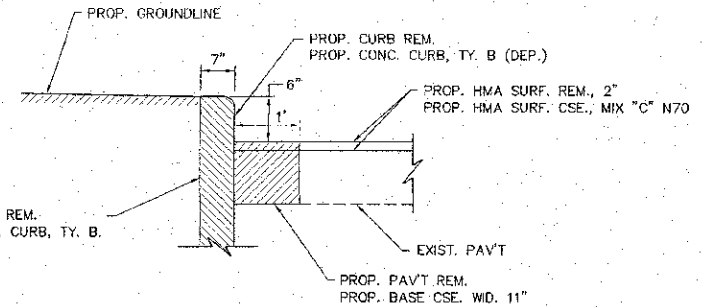
FERGUSON AVE.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B971	10-00047-02-R5	MADISON	45	27

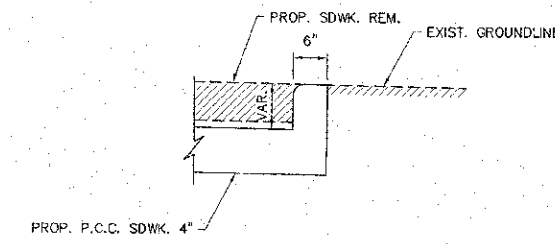
CONTRACT NO. 97526



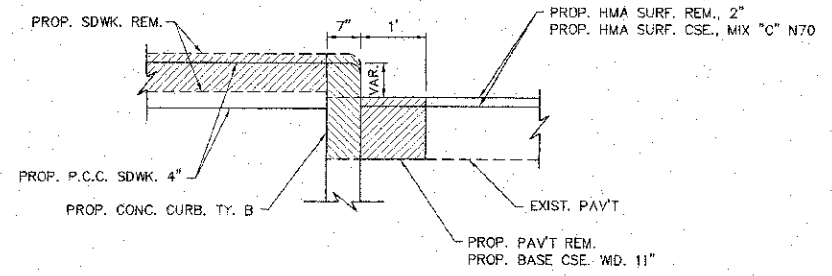
SECTION A - A



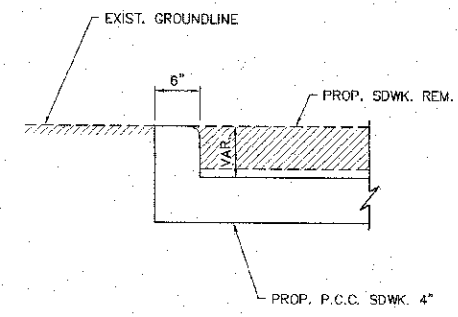
SECTION E - E



SECTION B - B



SECTION D - D



SECTION C - C

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

5TH ST.

5TH ST. SW. QUAD

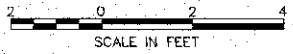
REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 North Street, P.O. Box E, Alton, IL 62002, 618/462-2955, E-mail: info@sms-engineers.com
 10 Central Industrial Drive, Suite 3, Ocala, FL 32061, 813/887-5200, E-mail: info@sms-engineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-R5
 INTERSECTION DETAILS

DWG. NO.	10-00047-02-R5
DATE	APRIL 2013
SCALE	NOT TO SCALE
SHEET	27 OF 45

S:\Land Project\15WOOD RIVER PS (488044) FERGUSON HC RAMPS\dwg\INT DET FERGUSON 5TH.Dwg, 4/15/2013 9:52:04 AM, jman.12



SCALE IN FEET



F.A.U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B971	10-00047-02-RS	MADISON	45	28

CONTRACT NO. 97526

REVISIONS

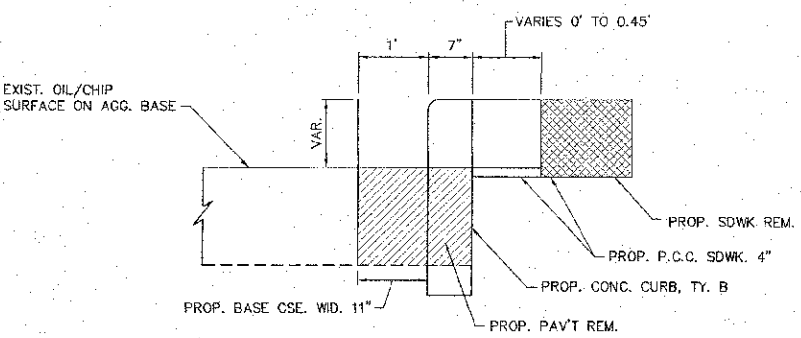
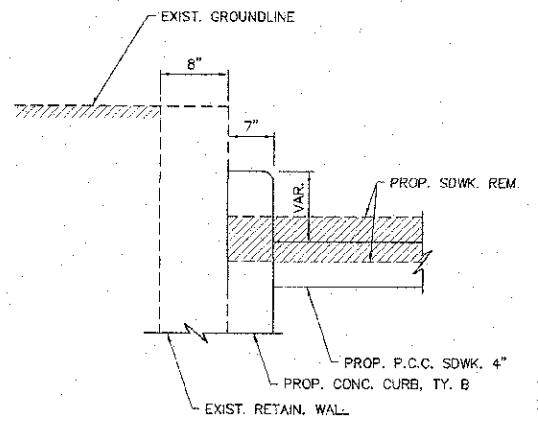
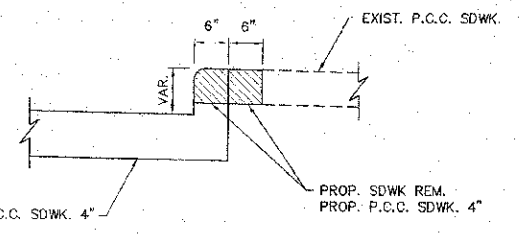
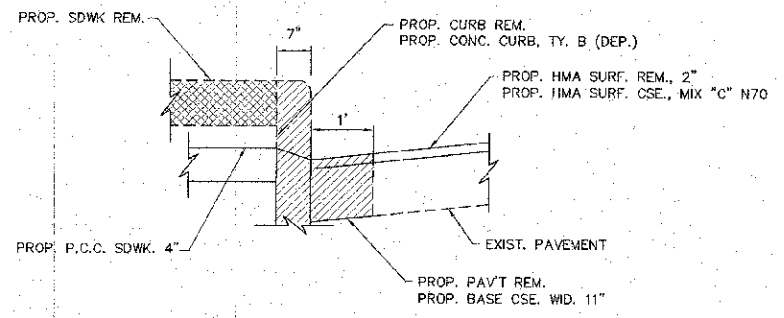
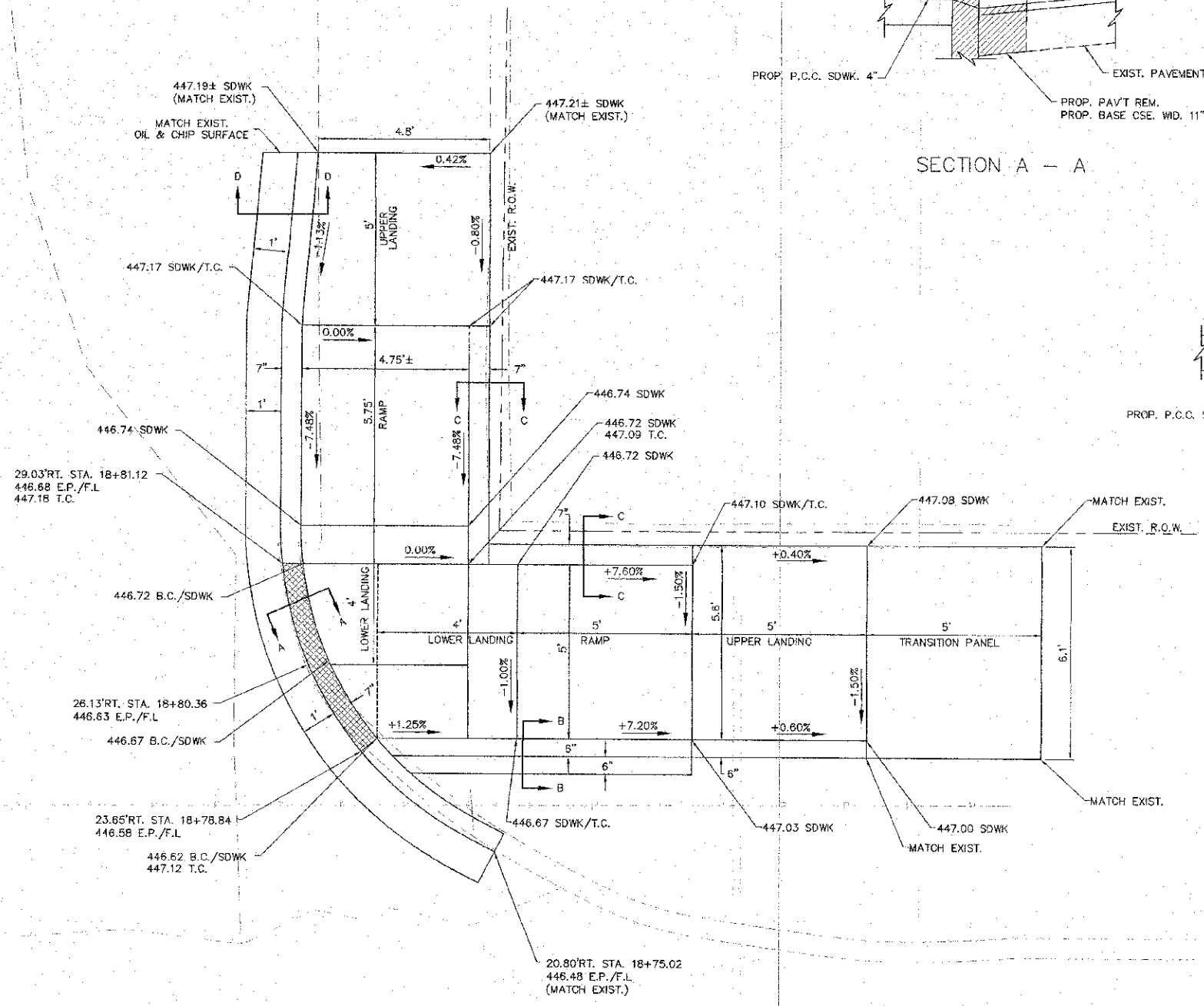
SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 216 Market Street, P.O. Box E, Alton, IL 62002, 618442-5755, E-mail: mail@smseng.com
 10 Central Industrial Circle, Suite 3, Granite City, IL 62040, 618977-9200, E-mail: mail@smseng.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

4TH ST.

FERGUSON AVE.

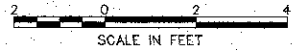
4TH ST. NE. QUAD



NOTE:
 IF THE FOOTING OF THE RETAINING WALL IS ENCOUNTERED
 PRIOR TO OBTAINING THE NECESSARY DEPTH FOR THE
 PROP. CONC. CURB, THEN EXCAVATION SHALL CEASE AND
 THE ENGINEER CONTACTED.

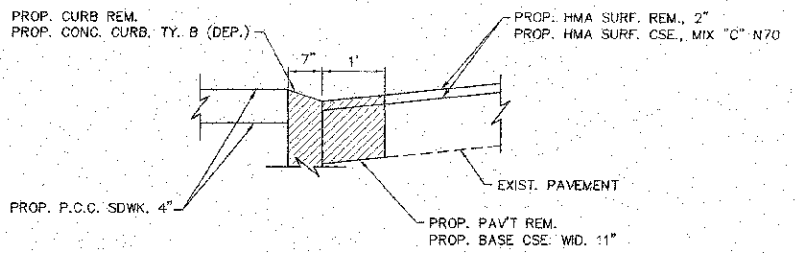
SEE PLAN SHEET
 FOR LOCATION OF
 DETECTABLE WARNING

DWG. NO.	10-00047-02-RS
DATE	APRIL, 2013
SCALE	NOT TO SCALE
SHEET	28 OF 45

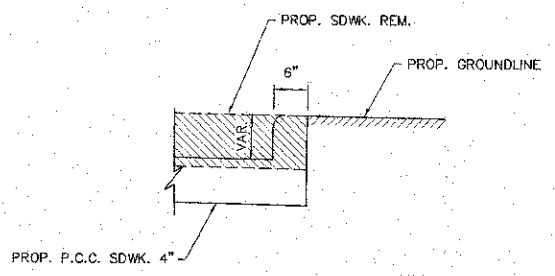


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	29

CONTRACT NO. 97526



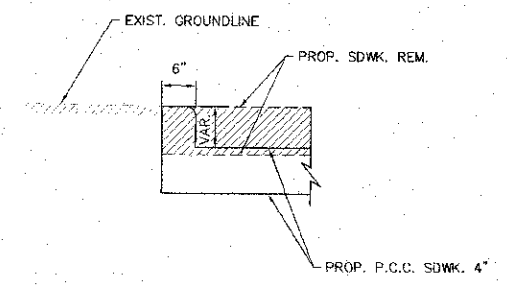
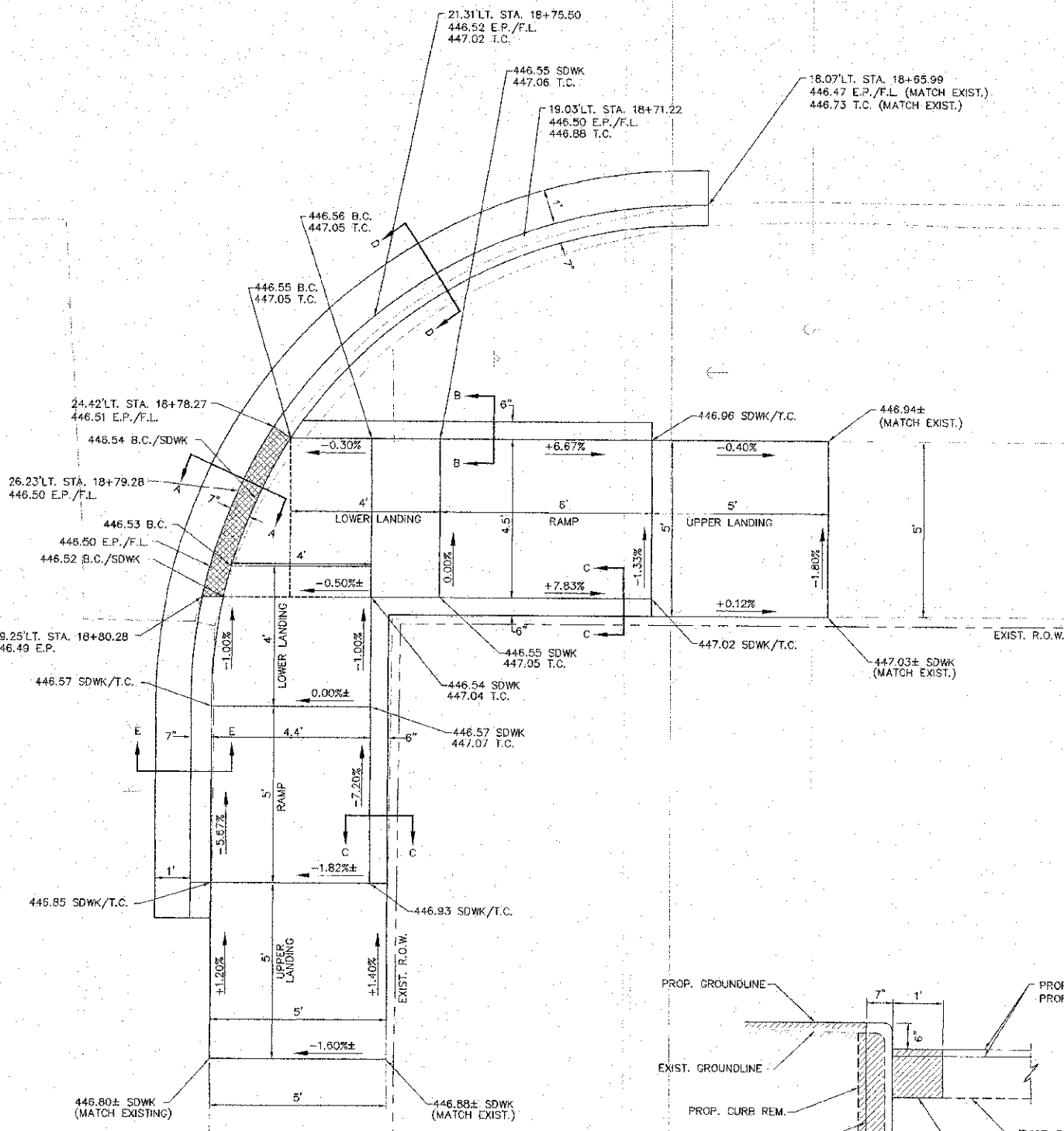
SECTION A - A



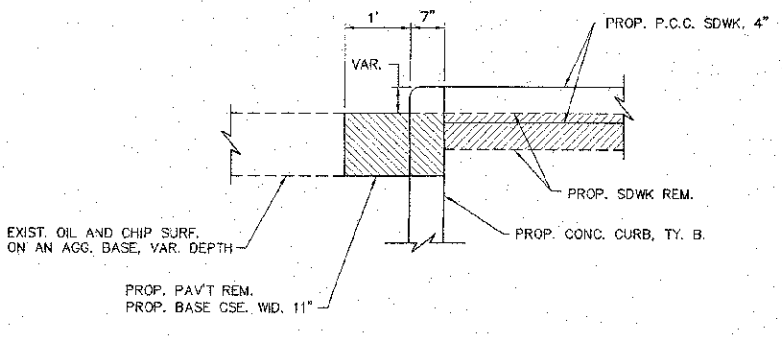
SECTION B - B

4TH ST.

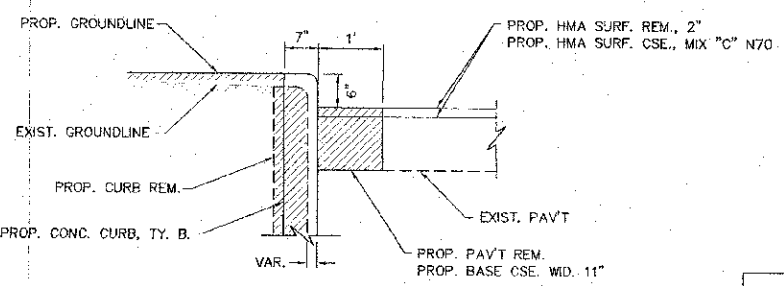
FERGUSON AVE.



SECTION C - C



SECTION E - E



SECTION D - D

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

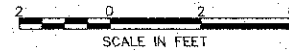
4TH ST. SE. QUAD

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002, 6184623765, Email: ms@smsengineers.com
 30 Central Indiana Drive, Suite 3, Gaeseville, IL 62450, 6188774700, Email: ms@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

DWG. NO.	10-00047-02-RS
INT. DET. FERGUSON 4TH.DWG	
REF. BK.	PC
DCP. NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013
SCALE:	NOT TO SCALE
SHEET	29 OF 45



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	30

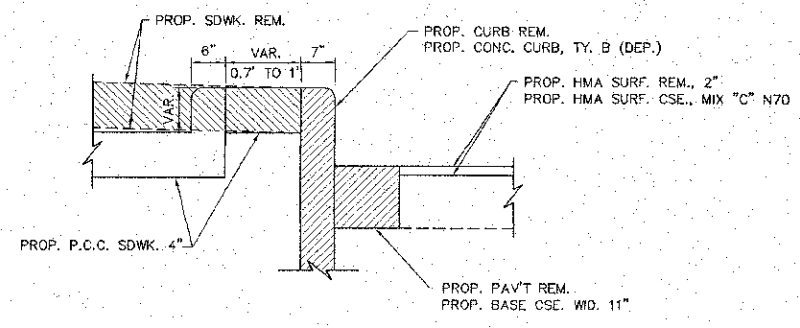
CONTRACT NO. 97526

REVISIONS

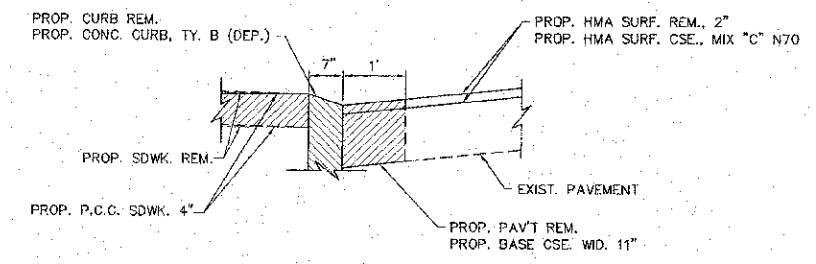
SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Maple Street, P.O. Box E, Alton, IL 61810-0295 E-mail: mail@smsengineers.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040-1100 618977-4700 Small mail@smrnygha.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

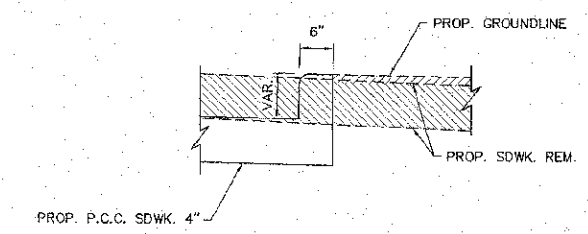
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INT. DET. FERGUSON 4TH ST.	
REF. DWG. NO.	10-00047-02-RS-010
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL 2013
SCALE:	NOT TO SCALE
SHEET	30 OF 45



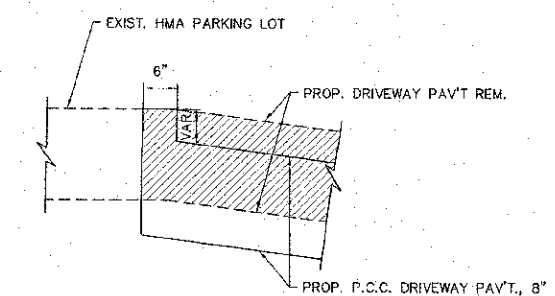
SECTION E - E



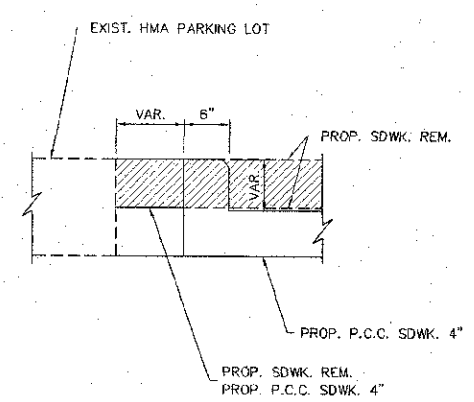
SECTION A - A



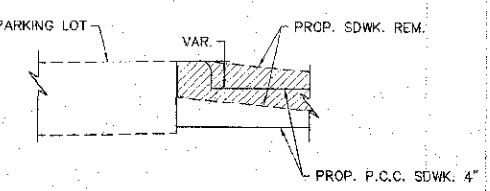
SECTION B - B



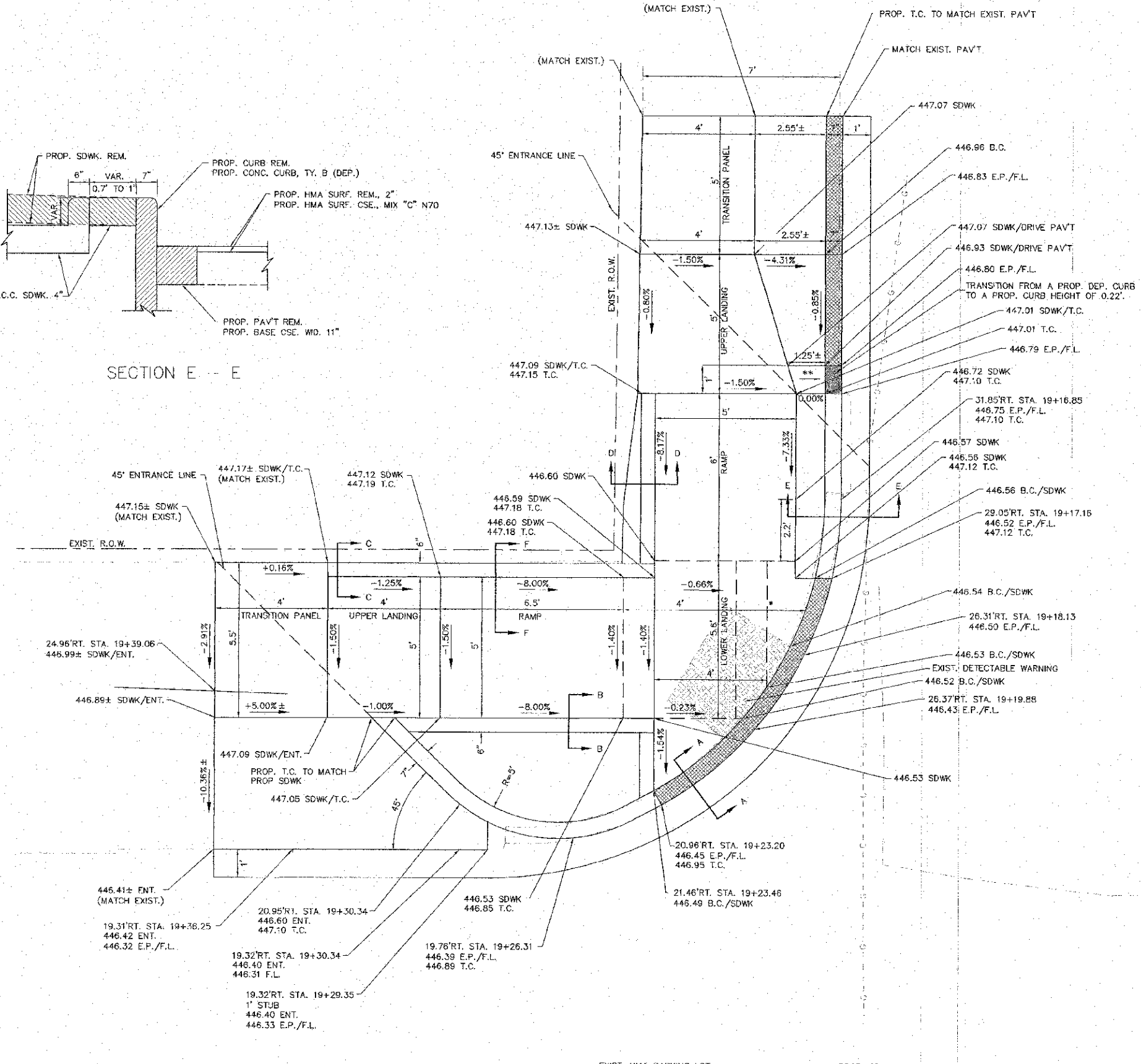
SECTION C - C



SECTION D - D



SECTION F - F



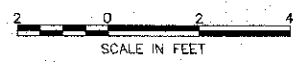
FERGUSON AVE.

4TH ST.

4TH ST. NW. QUAD

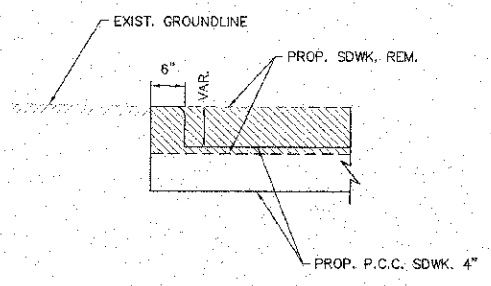
* VARIES 0' TO 2.8'
 ** SLOPE = 11.20%

SEE PLAN SHEET
 FOR LOCATION OF
 DETECTABLE WARNING

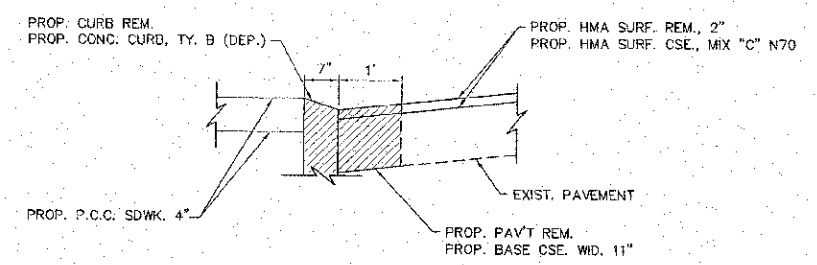


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B971	10-00047-02-RS	MADISON	45	31

CONTRACT NO. 97526



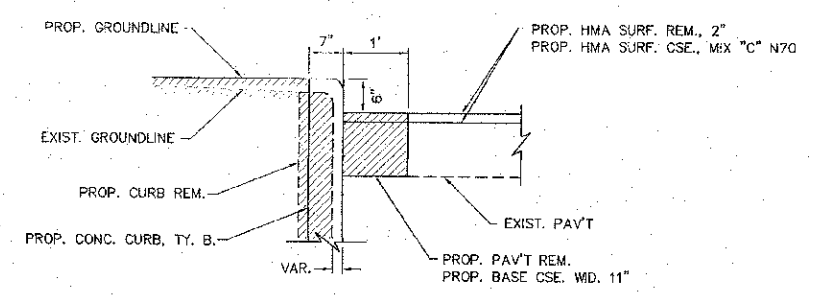
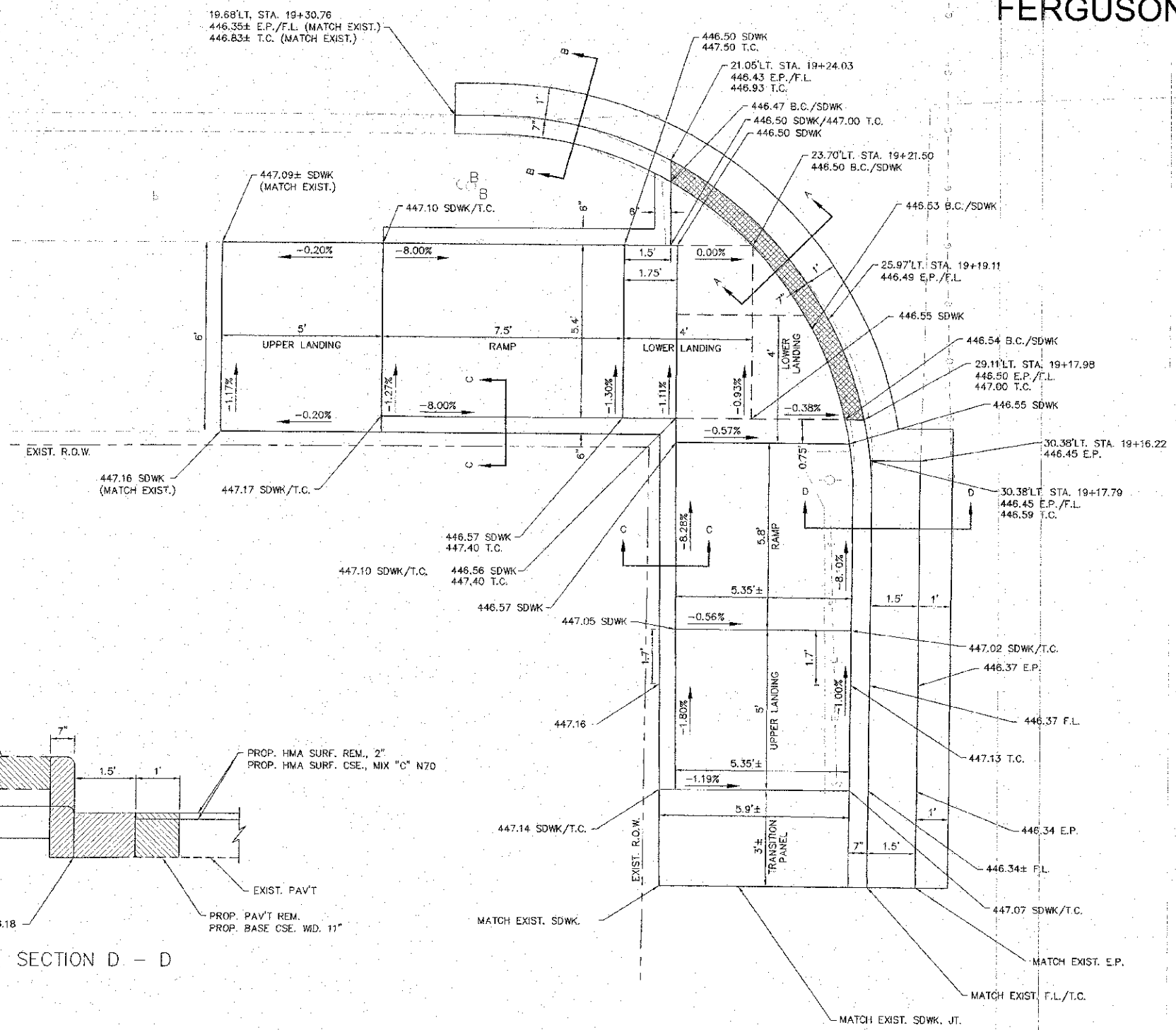
SECTION C - C



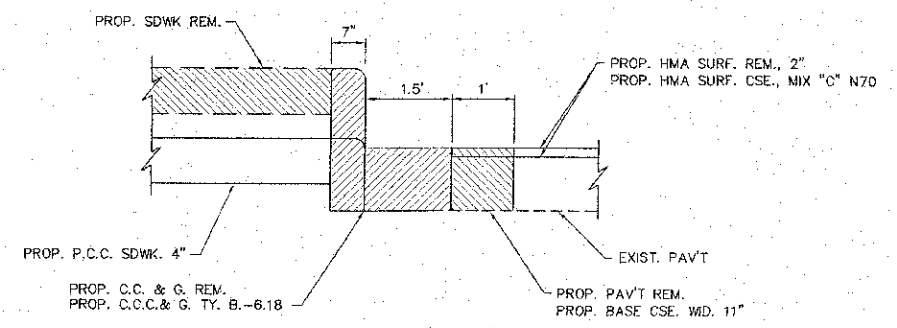
SECTION A - A

FERGUSON AVE.

4TH ST.



SECTION B - B



SECTION D - D

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

4TH ST. SW. QUAD

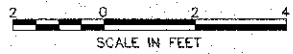
REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Ames, IL 62302, 618.462.3735, E-mail: ms@smsengineers.com
 10 Central Industrial Drive, Suite 3, Geneva, IL 60136, 618.274.2710, E-mail: ms@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

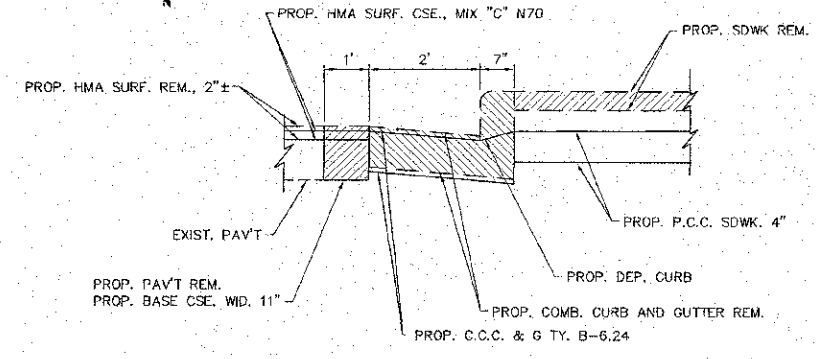
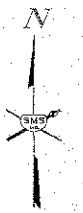
DWG. NO. 10-00047-02-RS-31
 REF. Dwg. No. 488044
 DES. BY: LDA
 DWN. BY: CAD
 CHK. BY: LDA
 DATE: APRIL, 2013

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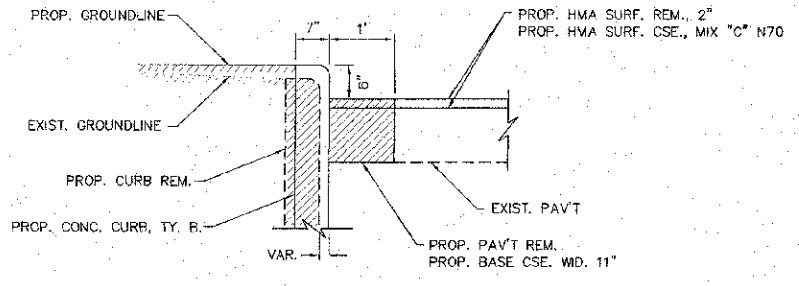


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B971	10-00047-02-RS	MADISON	45	32

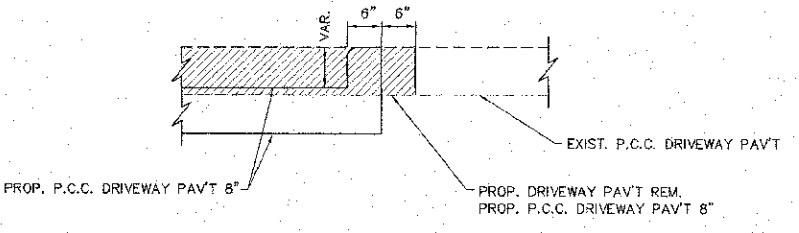
CONTRACT NO. 97526



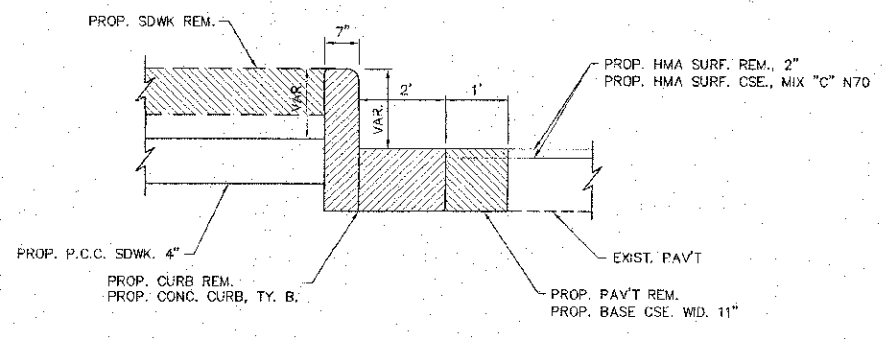
SECTION A - A



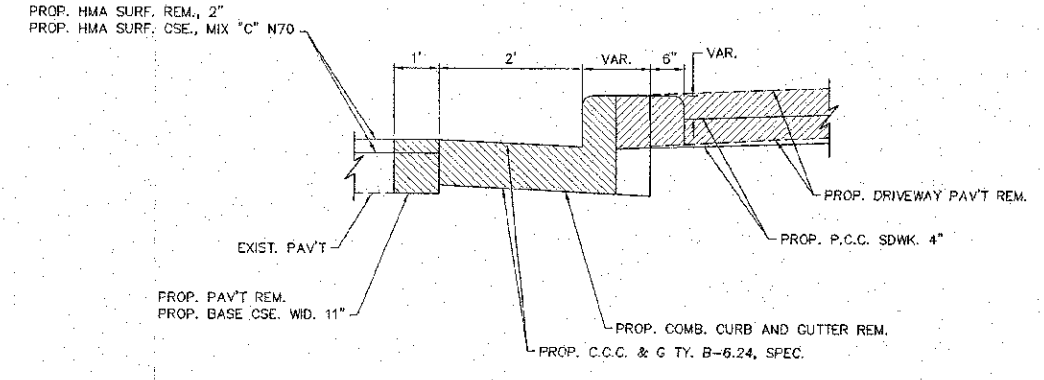
SECTION B - B



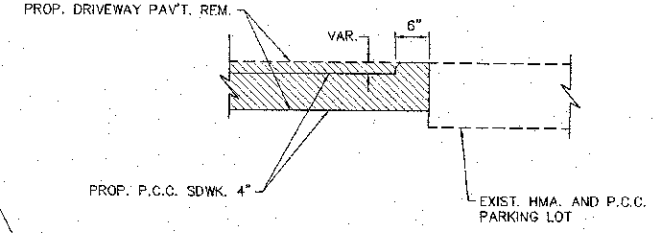
SECTION C - C



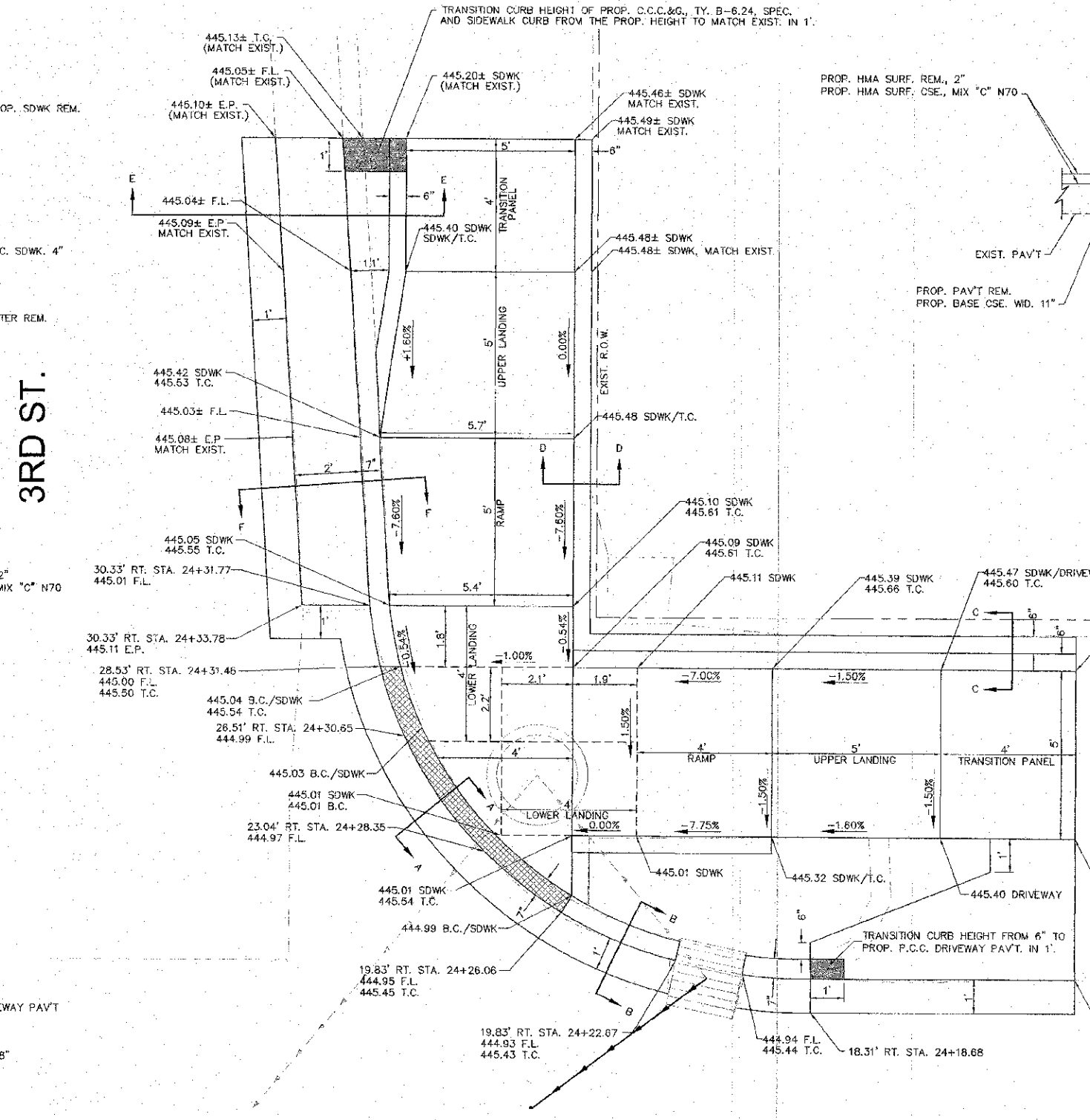
SECTION F - F



SECTION E - E



SECTION D - D



FERGUSON AVE.

3RD ST.

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

REVISIONS

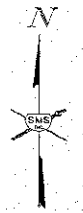
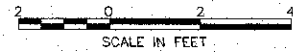
SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 219 Market Street, P.O. Box E, Alton, IL 62002, 618-462-9765, Email: mail@smsengineers.com
 16 Central Industrial Drive, Suite 1, Geneva, IL, 60136, 618-977-6700, Email: mail@smsengineers.com
 DESIGN FIRM # 184-0000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

DWG. NO. 10-00047-02-RS-32
 INTERSECTION DETAILS 3RD ST AND FERGUSON AVE
 REF. BK. PC
 JOB NO. 488044
 DSN. BY: LDA
 DWN. BY: CAD
 CHK. BY: LDA
 DATE: APRIL, 2013
 SCALE: 1" = 2'
 SHEET 32 OF 45

3RD ST. NE. QUAD

S:\land Projects\WOOD RIVER PS (488044)\FERGUSON\HC RAMPS\dwg\INT DET FERGUSON_3RD.dwg, 4/15/2013 9:06:37 AM, jmanu, 32

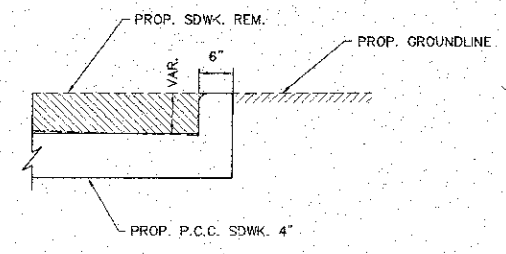


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	33

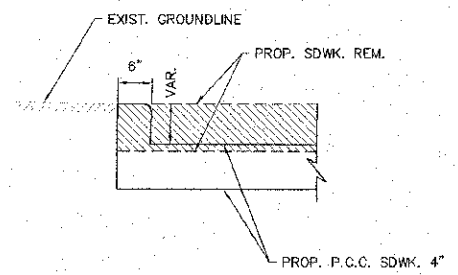
CONTRACT NO. 97526

FERGUSON AVE.

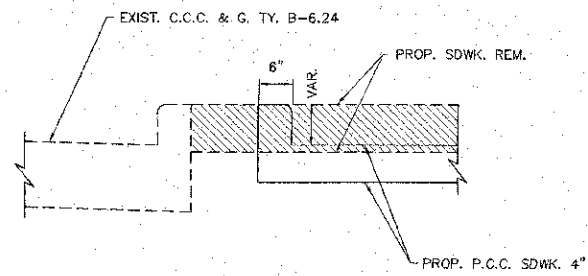
3RD ST.



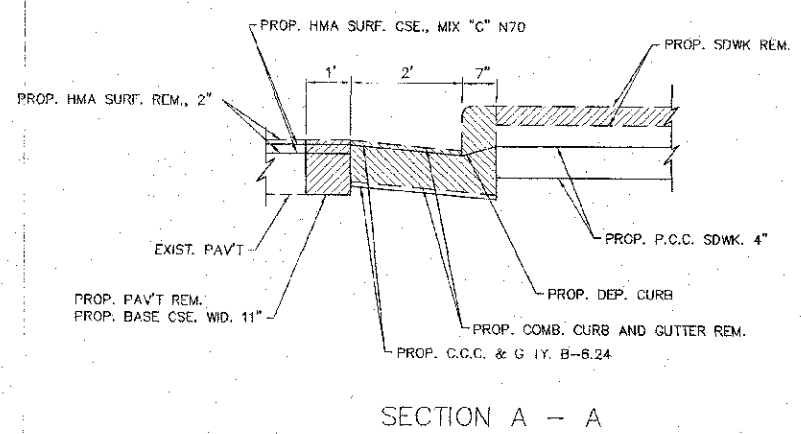
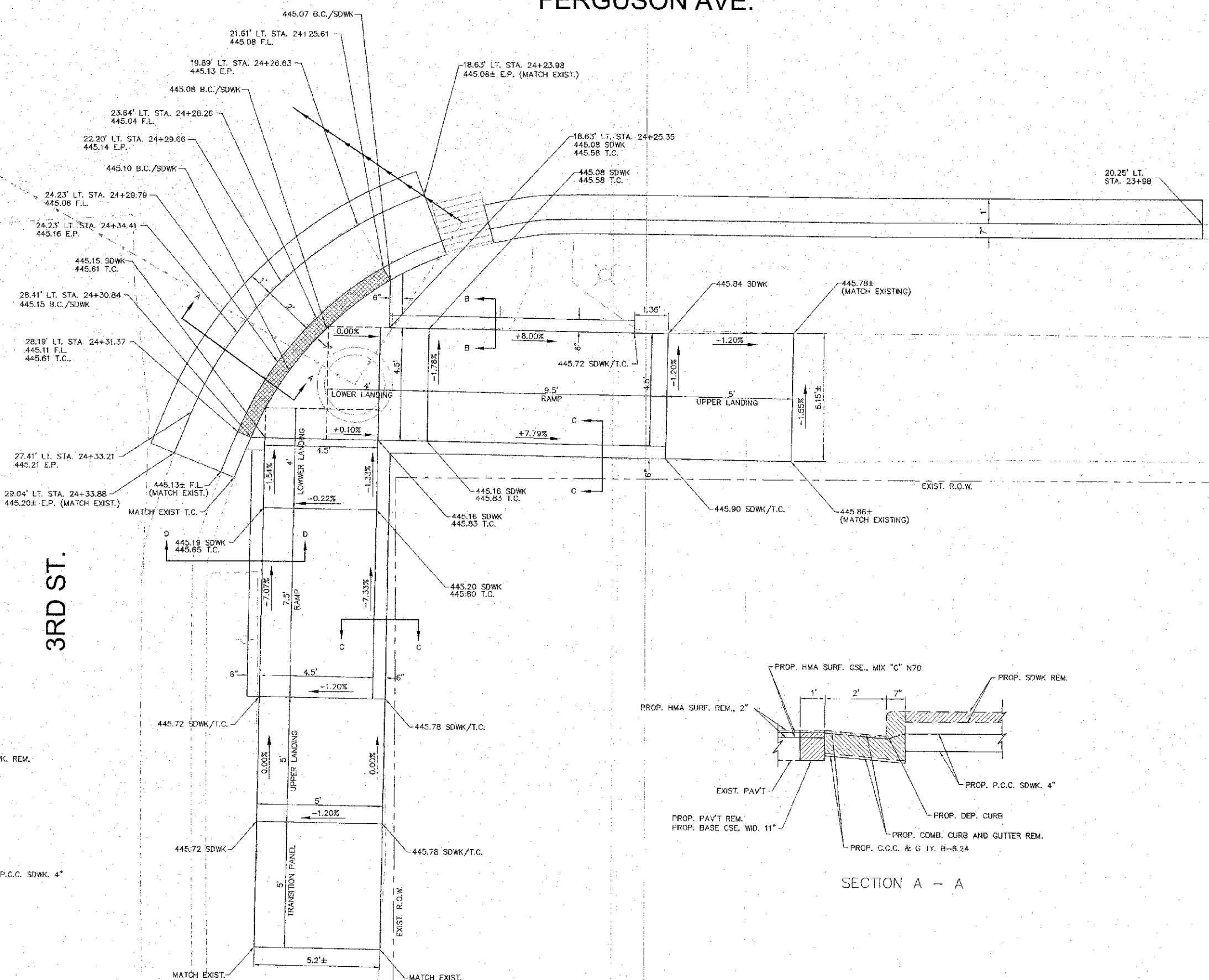
SECTION B - B



SECTION C - C



SECTION D - D



SECTION A - A

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

3RD ST. SE. QUAD

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 245 Marka Street, P.O. Box E, Alton, IL 62002, 618-462-6185, Fax: 618-462-6186
 10 Central Expressway, Suite 3, Geneva, NY 14456, 518-752-8200, Fax: 518-752-8201
 DESIGN FIRM # 184-000992

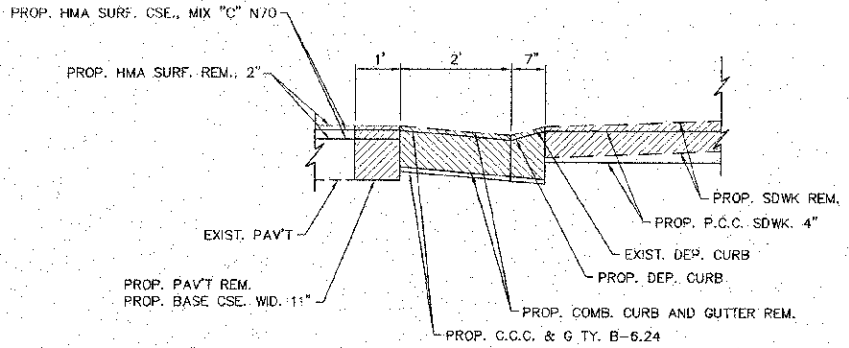
CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

DWG. NO.	10-00047-02-RS
PROJECT	FERGUSON AVENUE RESURFACING
DATE	APRIL, 2013
SCALE	1" = 2'
SHEET	33 OF 45

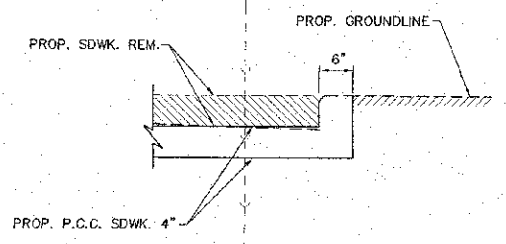
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CONTRACT NO. 97526

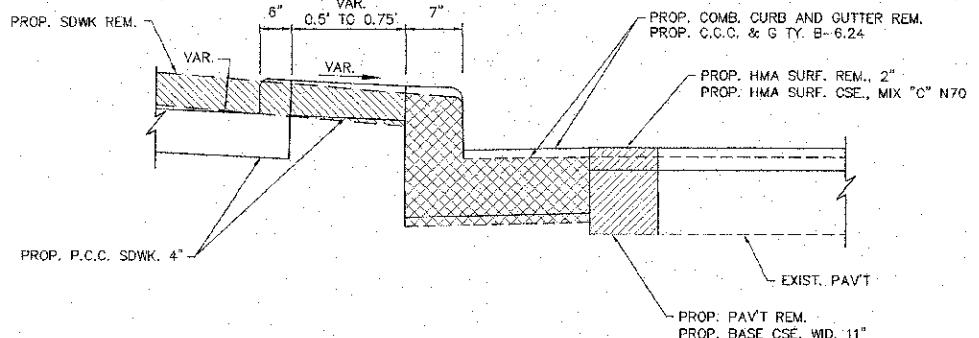
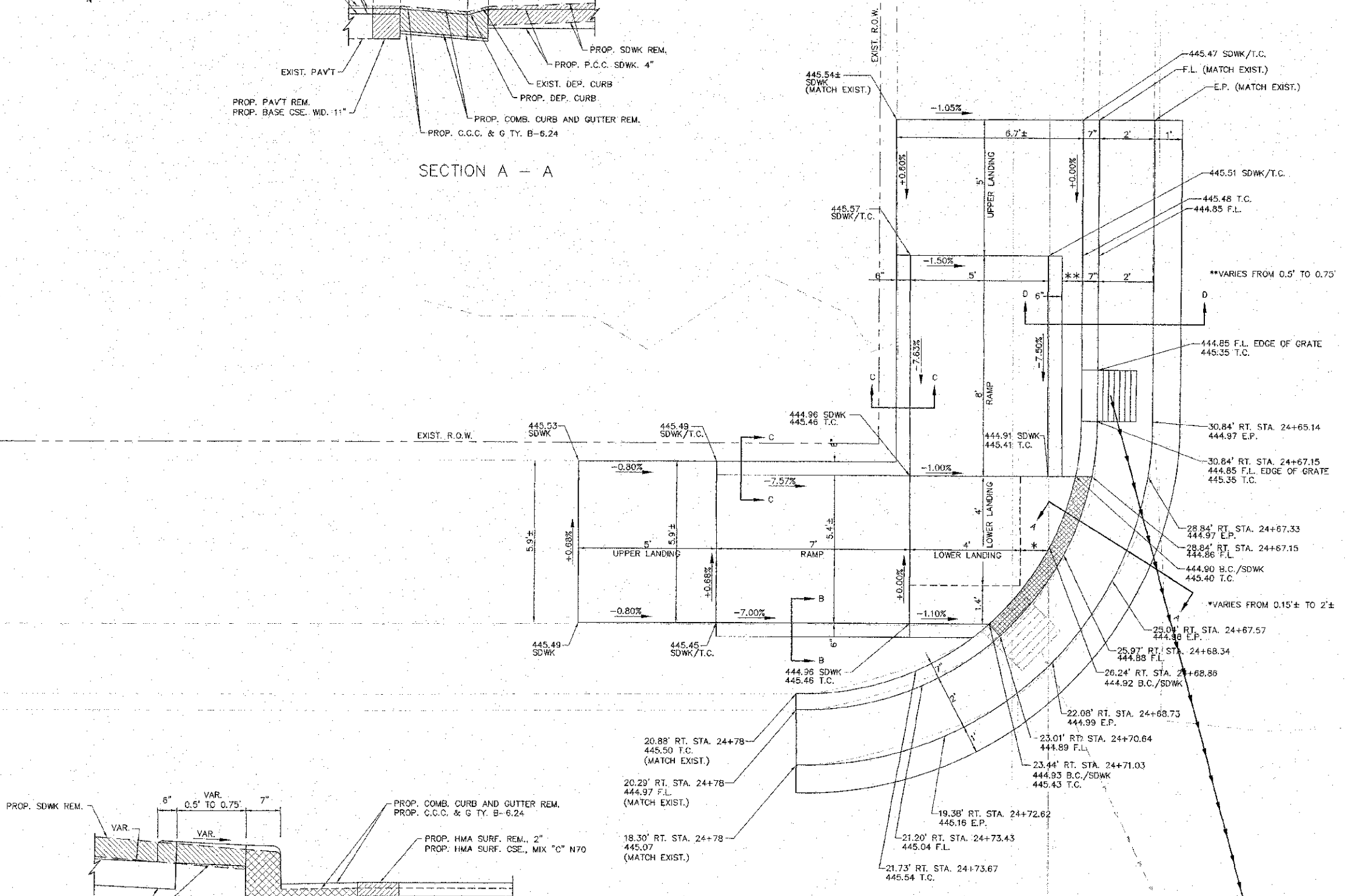
SCALE IN FEET



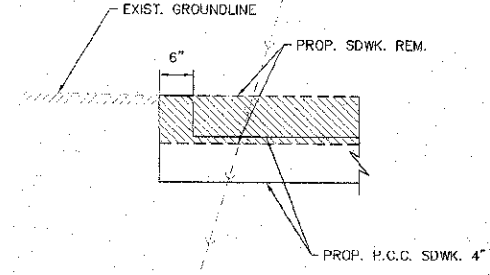
SECTION A - A



SECTION B - B



SECTION D - D



SECTION C - C

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

* VARIES FROM 0' TO 1.9'±
 ** VARIES FROM 0.5' TO 0.75'±

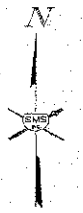
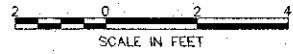
REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.C. Box E, Alton, IL 62002, 618-462-9755 E-mail: msh@smsengineers.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618-977-8700 E-mail: msh@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

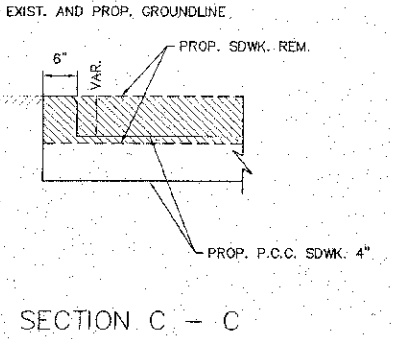
DWG. NO.	10-00047-02-RS
REF. BK. PG.	
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013

3RD ST. NW. QUAD

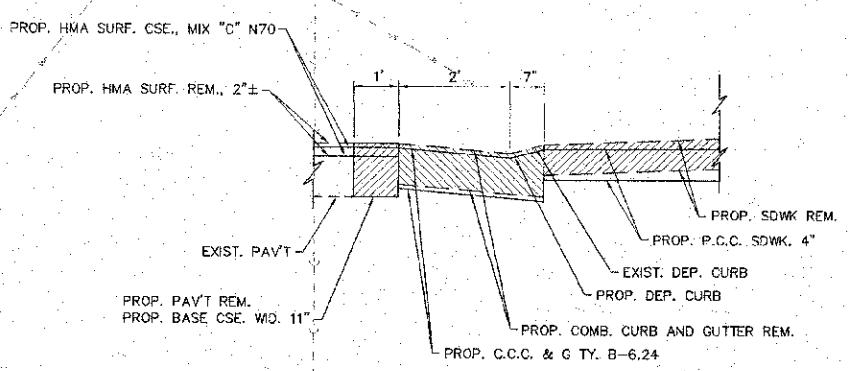


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97526

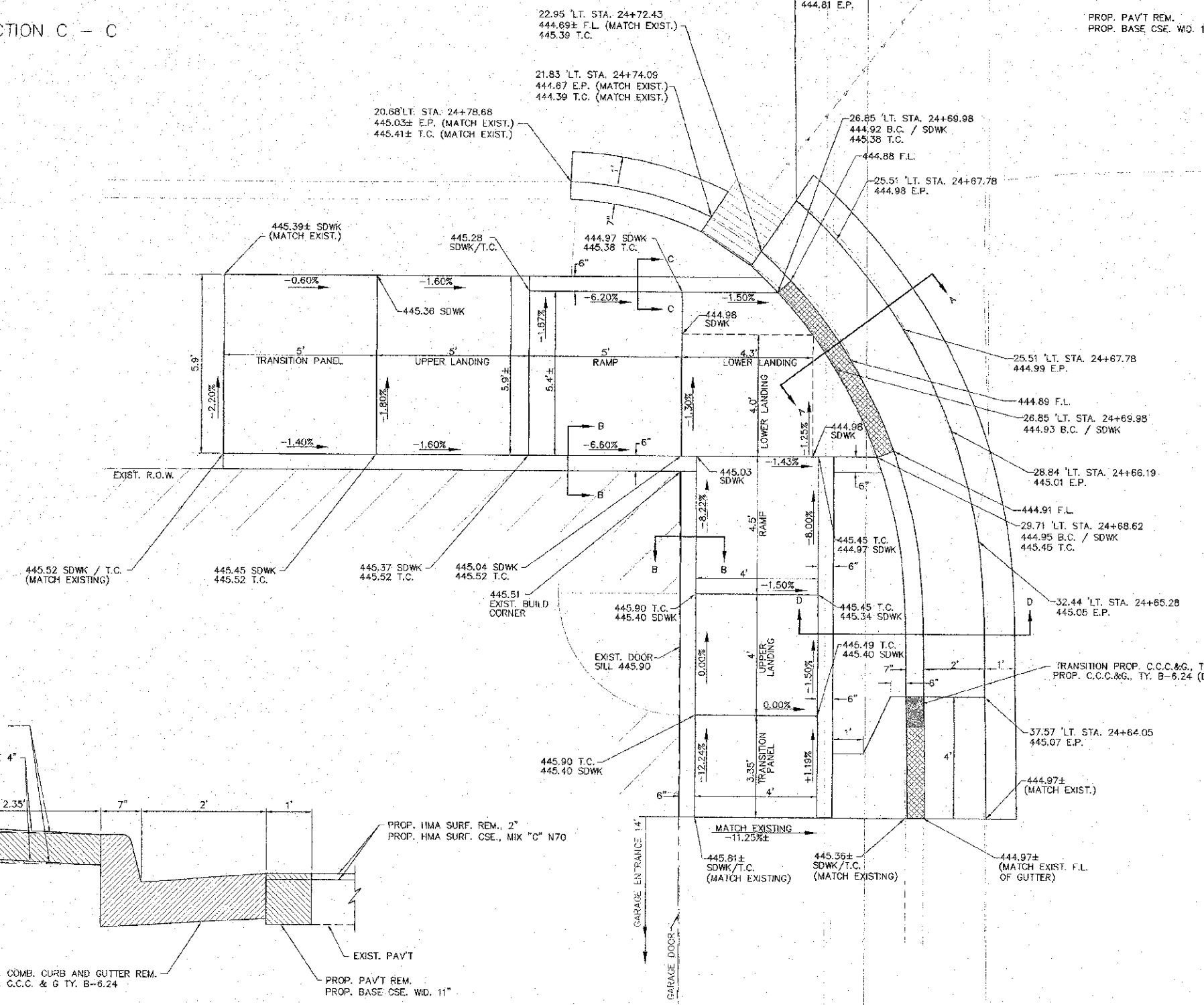


FERGUSON AVE.

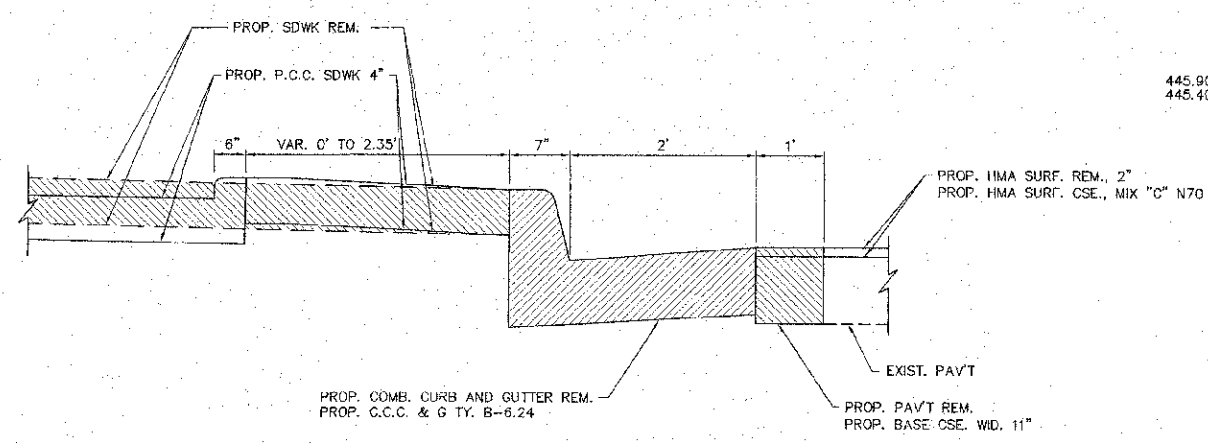


SECTION C - C

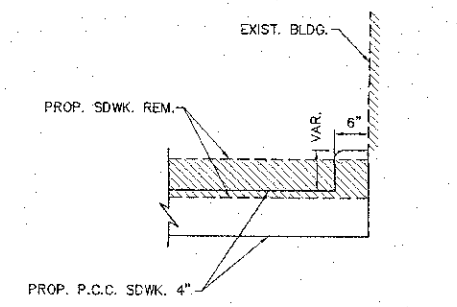
SECTION A - A



3RD ST.



SECTION D - D



SECTION B - B

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

REVISIONS

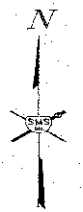
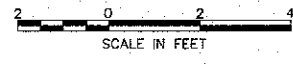
SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box 11, Elmhurst, IL 60120, 630.833.0755, E-mail: sm&s@smsengineers.com
 10 General Hubbard Drive, Suite 3, Geneva, NY, 14456, 608.687.4700, E-mail: sm&s@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-R5
 INTERSECTION DETAILS

DWG. NO.	10-00047-02-R5
DATE	APRIL 2013
DESIGNER	LDA
CHECKER	LDA
DATE	APRIL 2013

3RD ST. SW. QUAD

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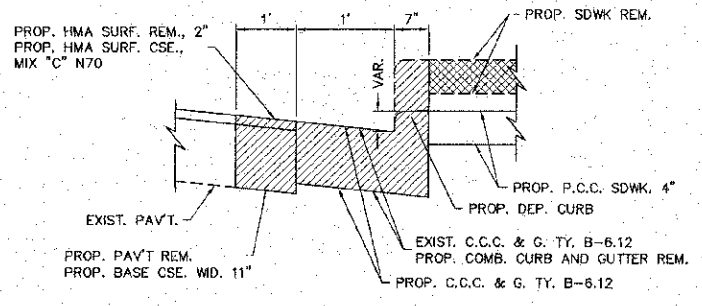
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	36

CONTRACT NO. 97526

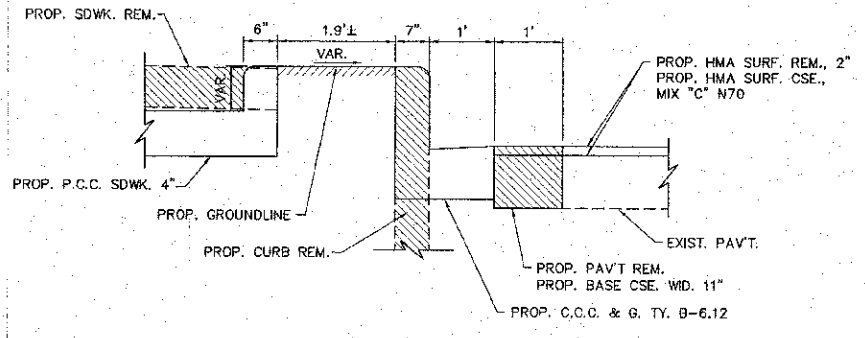
REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 216 Marshall Street, P.O. Box E, Moline, IL 61401-0702 Email: info@sms-engineers.com
 10 Capital Industrial Drive, Suite 1, Geneva, IL 60135 Phone: 815-233-8300 Fax: 815-233-8301
 DESIGN FIRM # 184-000992

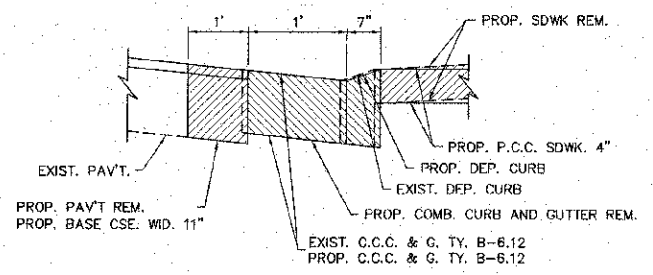
CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS



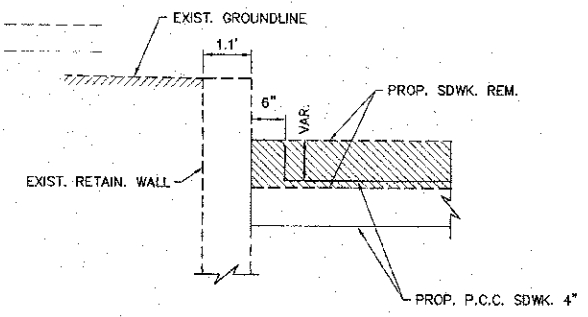
SECTION B - B



SECTION D - D



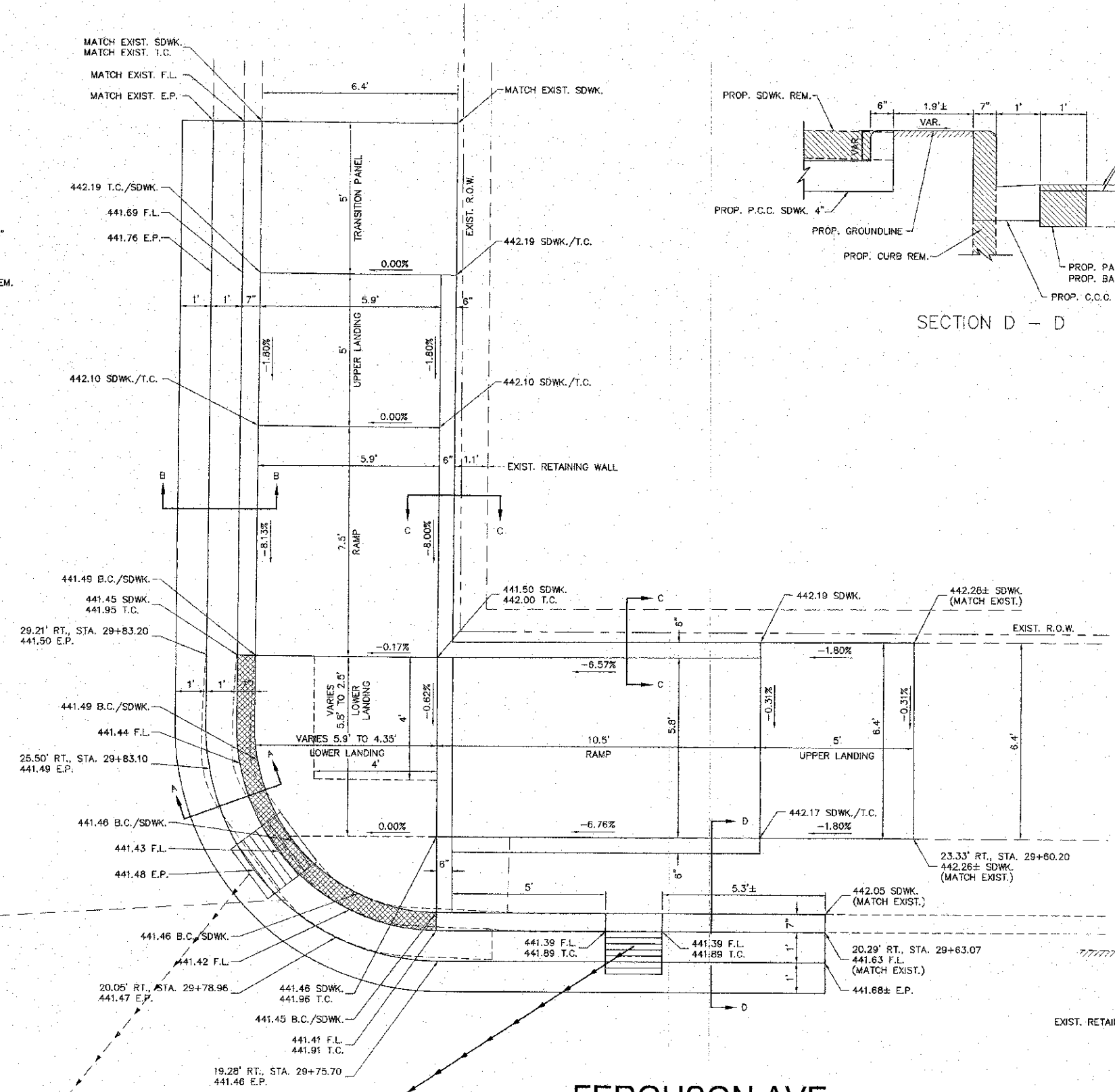
SECTION A - A



SECTION C - C

2ND ST.

FERGUSON AVE.



SEE PLAN SHEET
 FOR LOCATION OF
 DETECTABLE WARNING

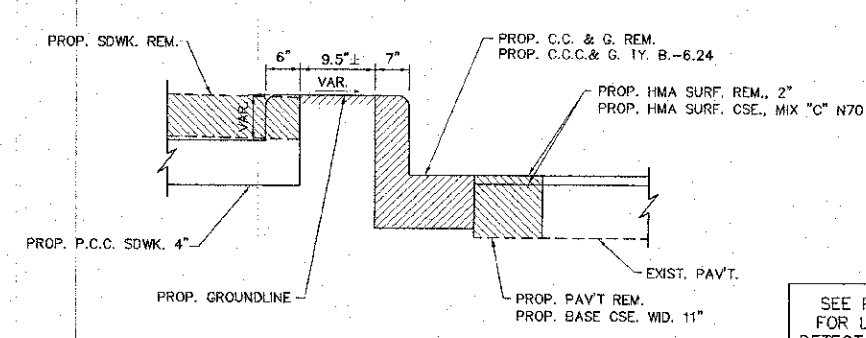
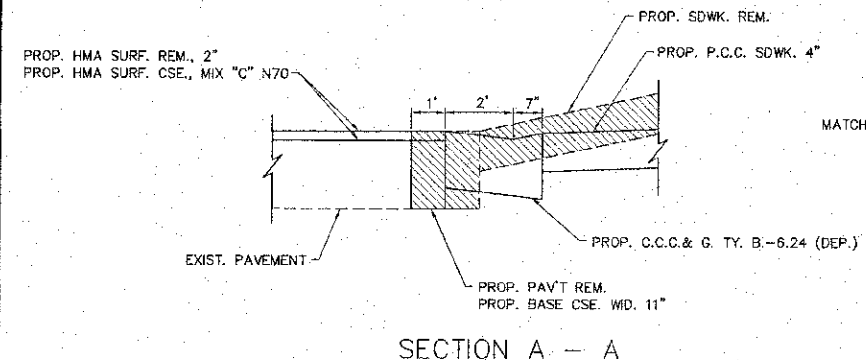
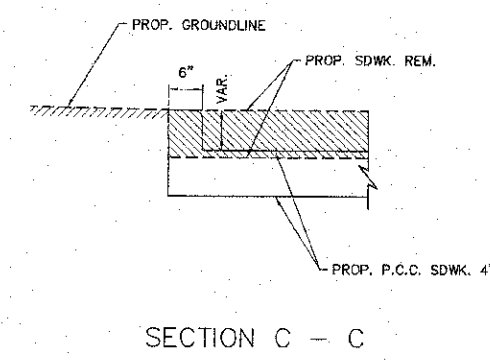
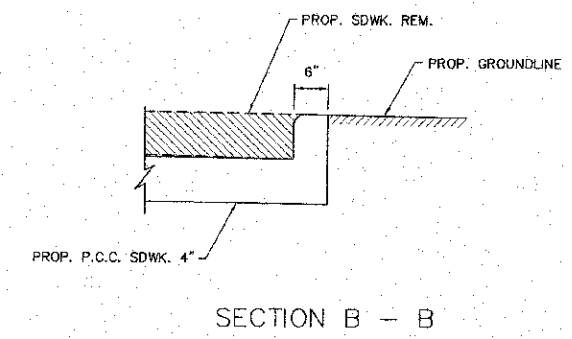
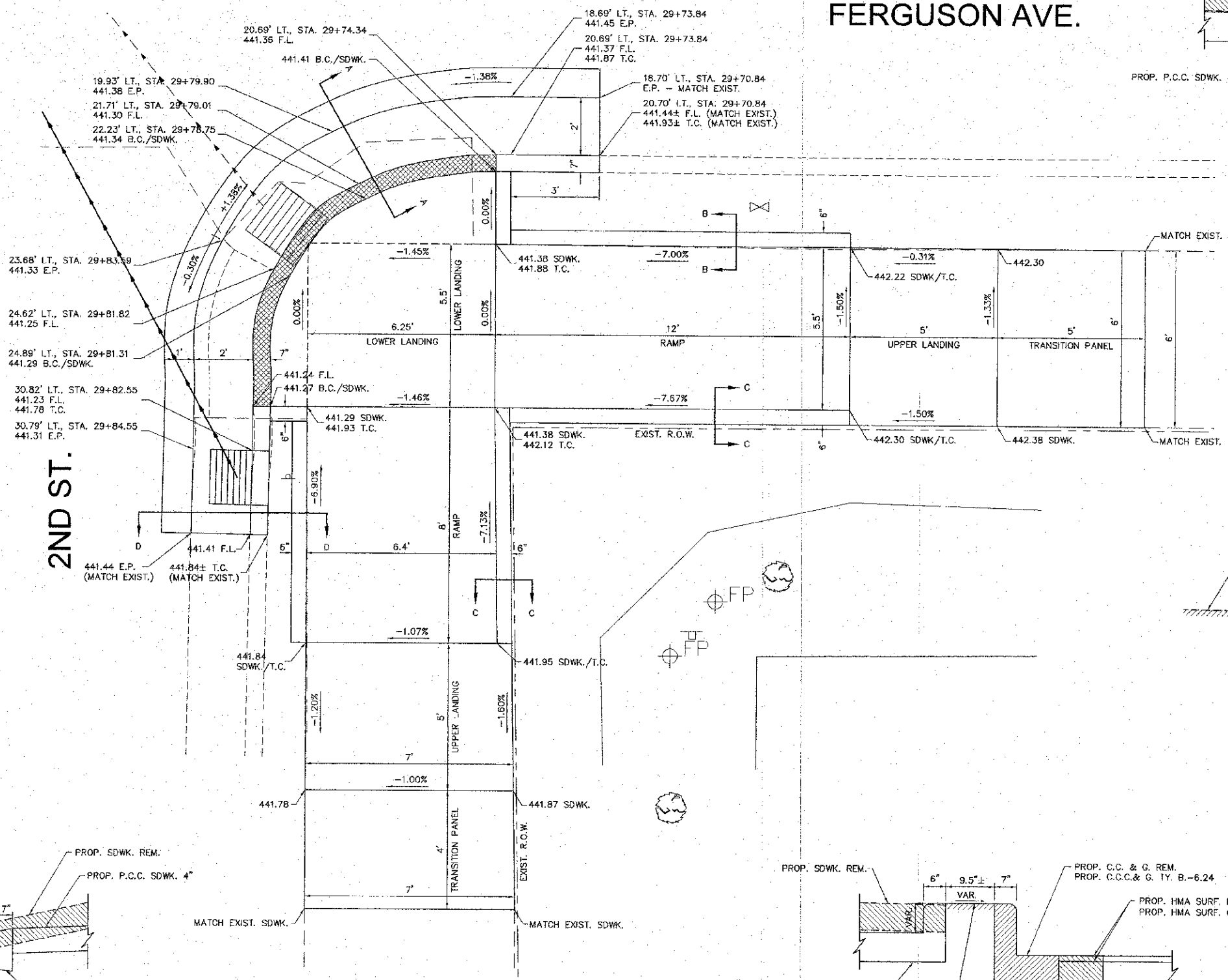
2ND ST. NE. QUAD

DWG. NO.	10-00047-02-RS
DATE	APRIL, 2013
SCALE	NOT TO SCALE
SHEET	36 OF 45



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	37

CONTRACT NO. 97526



SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

REVISIONS

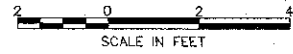
NO.	DESCRIPTION

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Meigs Street, P.O. Box E, Alton, IL 62002 618/482-8785 E-mail: ms@smsengineers.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618/877-8700 E-mail: ms@granitecity.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

DWG. NO. INT DET FERGUSON 2ND.DWG.
 REF. BK. PG.
 JOB NO. 488044
 DSN. BY: LDA
 DWN. BY: CAD
 CHK. BY: LDA
 DATE: APRIL 2013
 SCALE: NOT TO SCALE
 SHEET 37 OF 45

2ND ST. SE. QUAD



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	38

CONTRACT NO. 97526

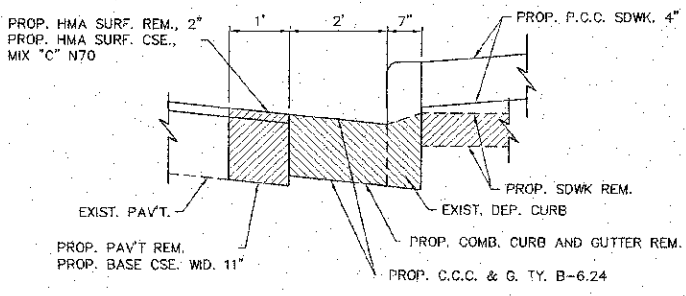
REVISIONS

SMS ENGINEERS
 SHEPPARD, MORGAN & SCHWAAB, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62902 618-462-9755 E-mail: mgs@smsengr.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618-977-4100 E-mail: mail@smsengr.com
 DESIGN FIRM # 184-000992

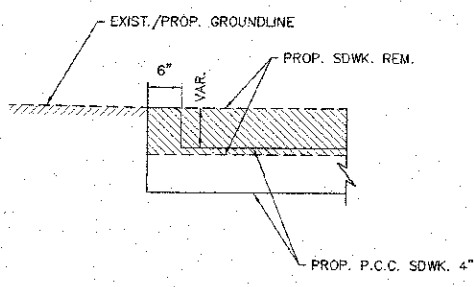
CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

DWG. NO.	10-00047-02-RS
INT. DET. FERGUSON 2ND.DWG	
REF. BK.	PC
LOG. NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013

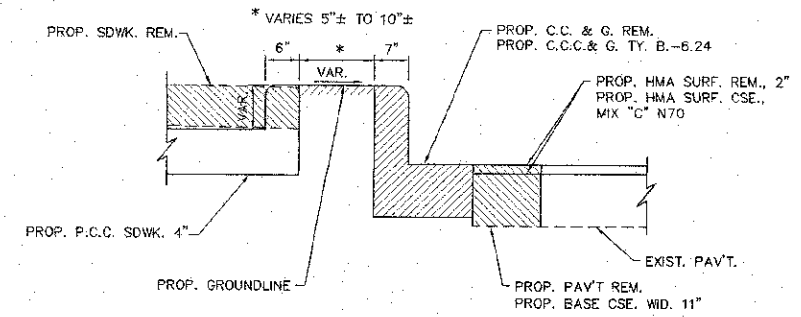
SCALE: NOT TO SCALE
 SHEET 38 OF 45



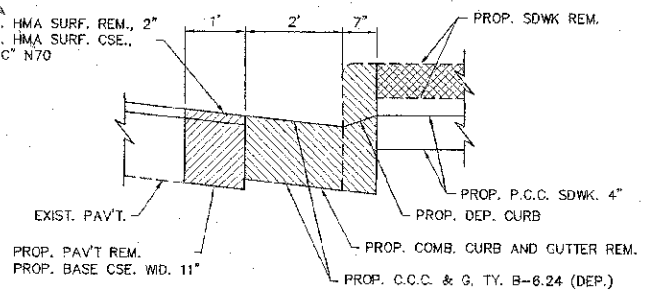
SECTION D - D



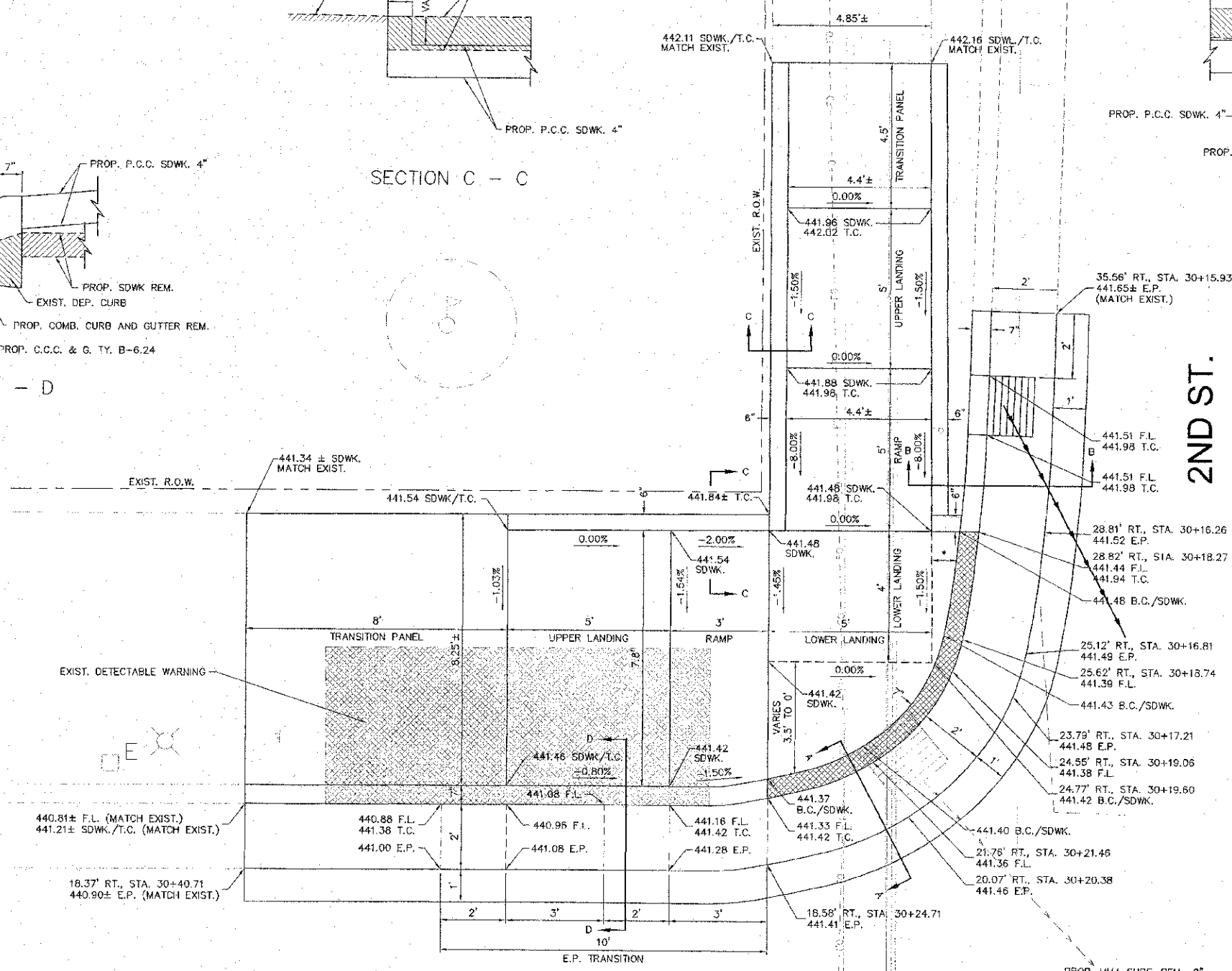
SECTION C - C



SECTION B - B



SECTION A - A



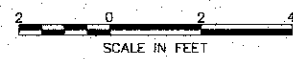
FERGUSON AVE.

2ND ST. NW. QUAD

* VARIES 0' TO 0.85'±

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

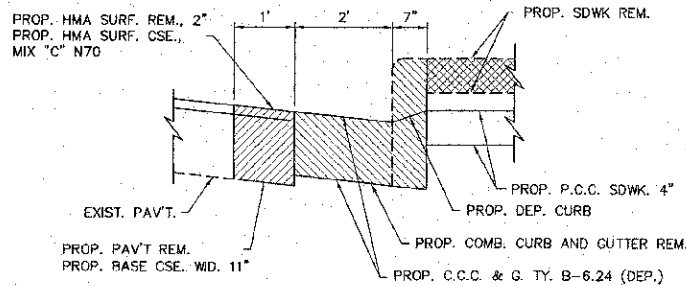
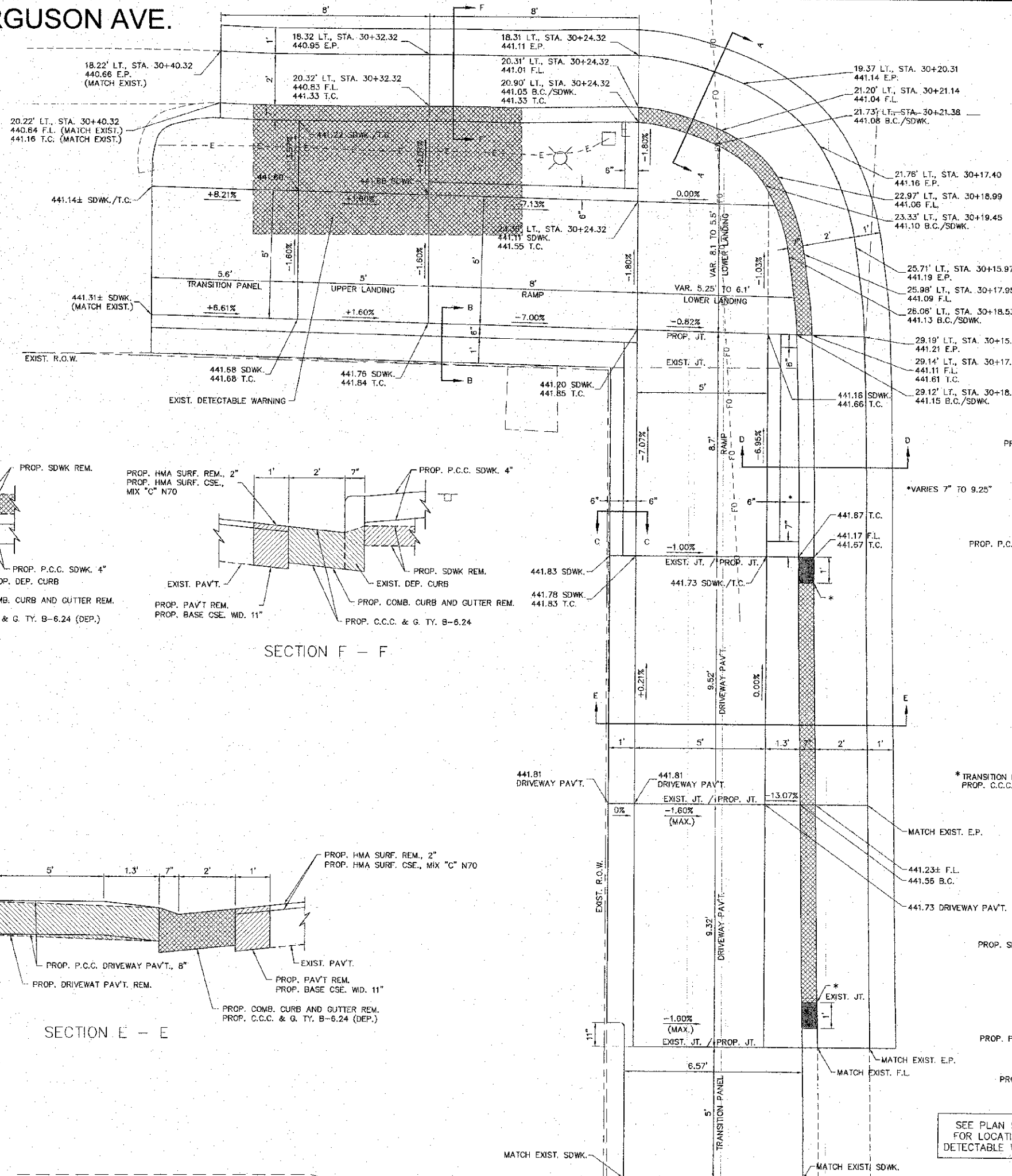
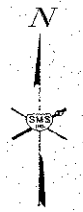
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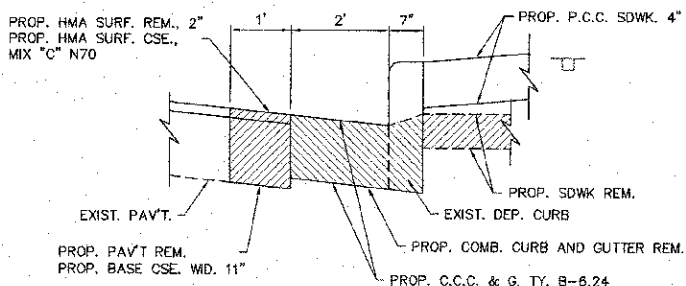
FERGUSON AVE.

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	39

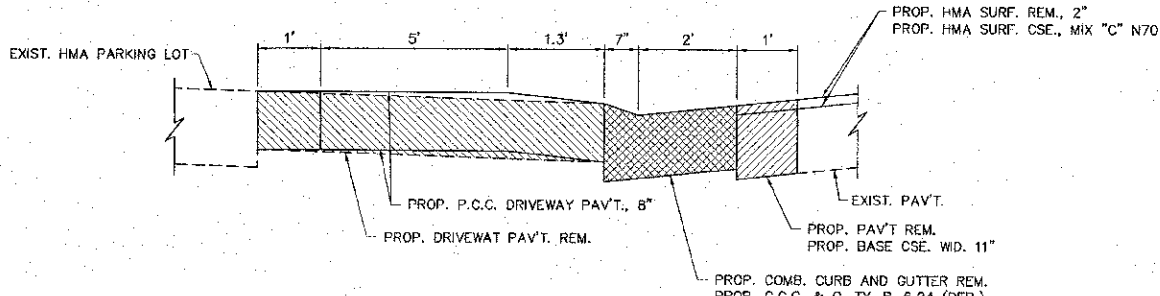
CONTRACT NO. 97526



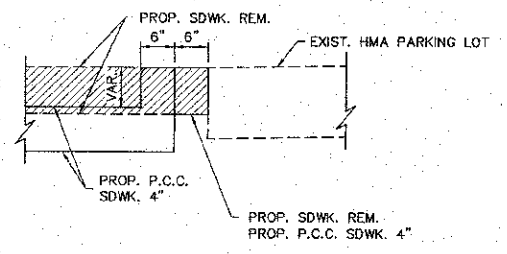
SECTION A - A



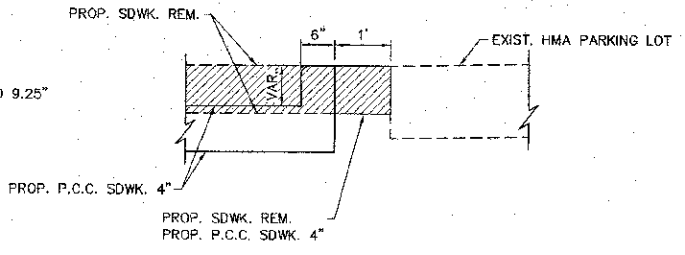
SECTION F - F



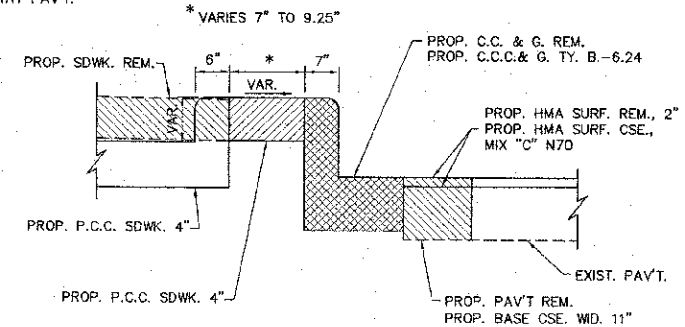
SECTION E - E



SECTION C - C



SECTION B - B



SECTION D - D

SEE PLAN SHEET
FOR LOCATION OF
DETECTABLE WARNING

2ND ST. SW. QUAD

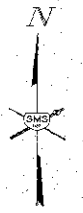
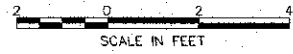
REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 North Street, P.O. Box 11, Alton, IL 62802, 618-462-0755, E-mail: info@sms-engineers.com
10 Central Industrial Drive, Suite 3, Ocala, FL 32060, 352-377-9700, E-mail: info@sms-engineers.com
DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
INTERSECTION DETAILS

DWG. NO.	10-00047-02-RS-039
INT. DET. FERGUSON 2ND.DWG	
REF. PK. PG.	
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013
SCALE:	NOT TO SCALE
SHEET	39 OF 45

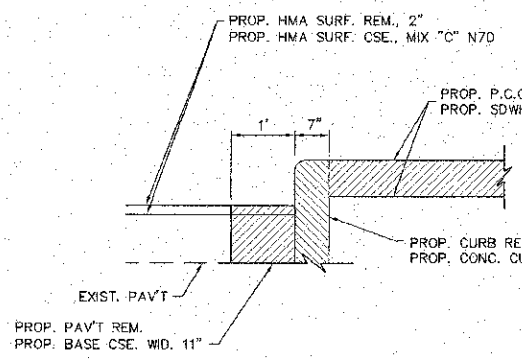
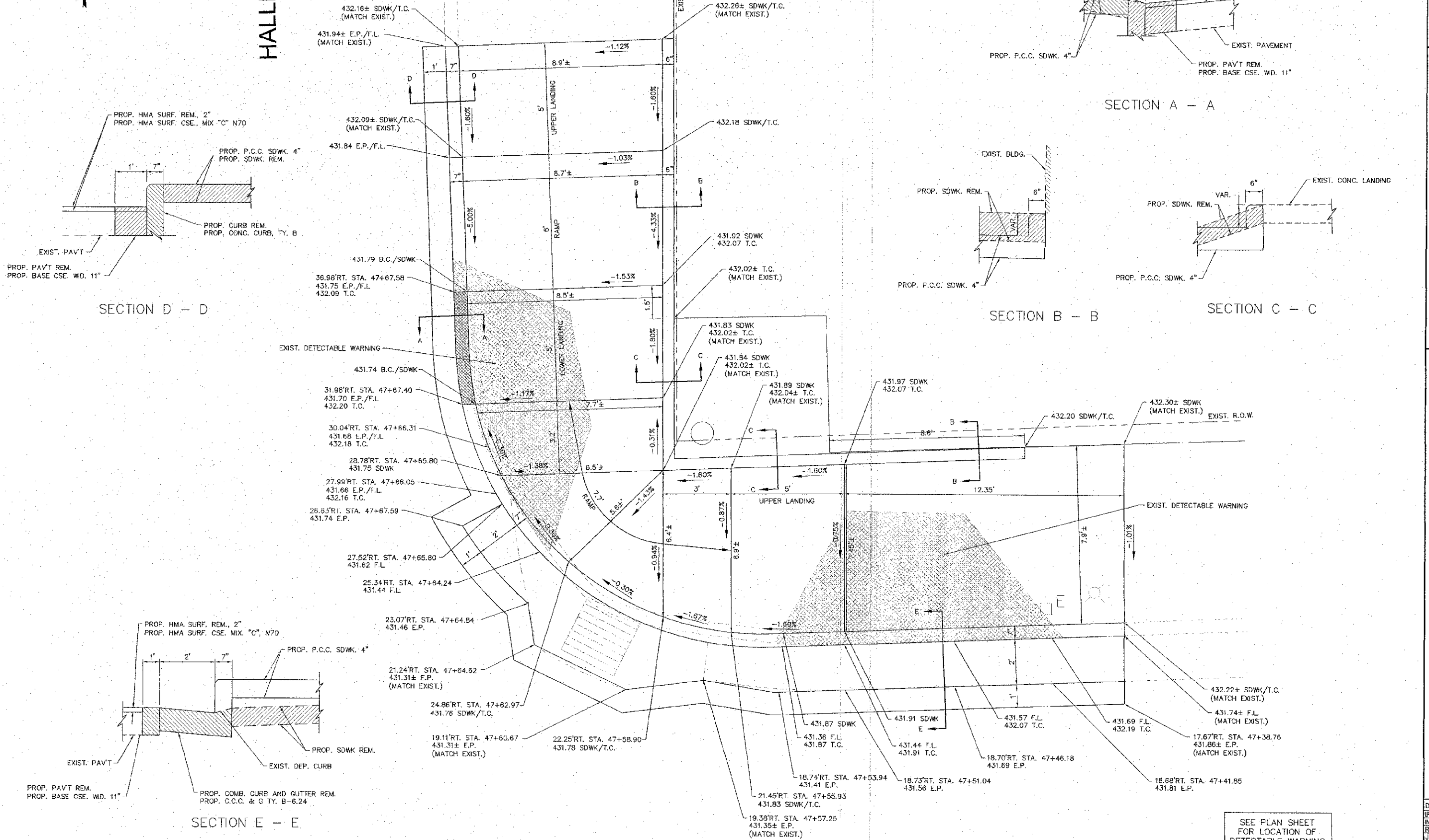
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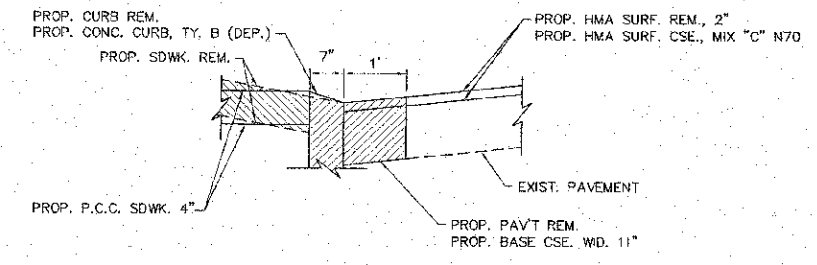
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	40

CONTRACT NO. 97526

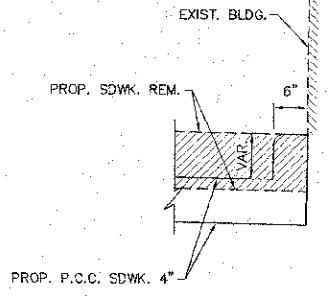
HALLER ST.



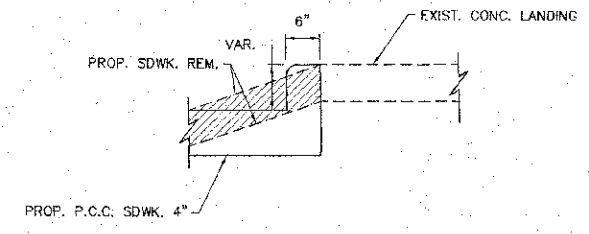
SECTION D - D



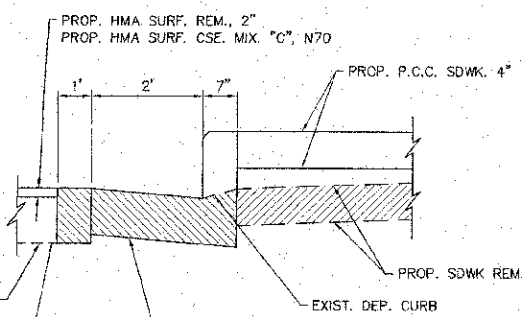
SECTION A - A



SECTION B - B



SECTION C - C



SECTION E - E

SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

FERGUSON AVE.

HALLER ST. NE. QUAD

REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Mark Street, P.O. Box E, Alma, IL 62002, 618-942-2755, E-mail: ms@smsengineers.com
 10 Central Industrial Drive, Suite 3, Greer, IL 61826, 618-937-5800, E-mail: ms@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

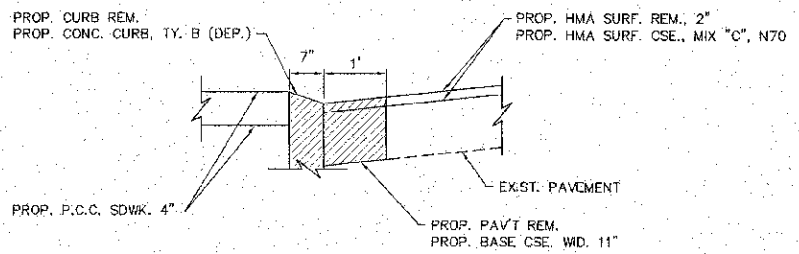
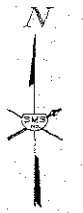
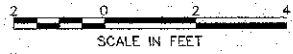
DWG. NO.	10-00047-02-RS-40
DATE	APRIL 2013
CHK. BY	LDA
DSN. BY	LDA
REF. BY	PG
JOB NO.	488044
PROJECT	FERGUSON, HALLER

SCALE: NOT TO SCALE
 SHEET 40 OF 45

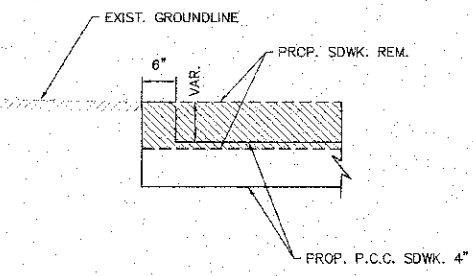
S:\1\Project\WOOD RIVER, IL\488044\FERGUSON, H.C. RAMP\DWG\INT DET FERGUSON, HALLER.dwg 4/12/2013 9:10:15 AM, jlmh, 1,2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	41

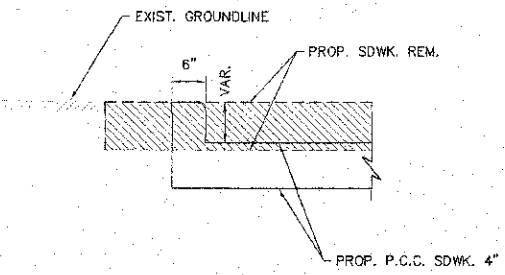
CONTRACT NO. 97526



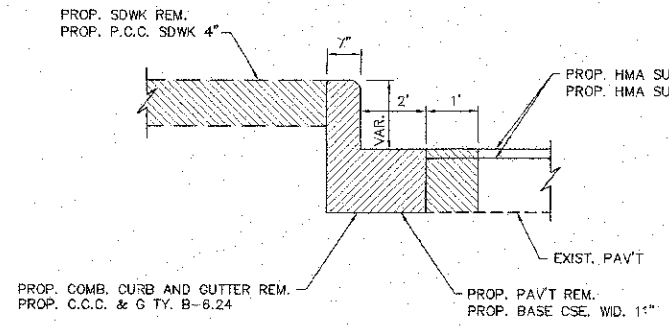
SECTION A - A



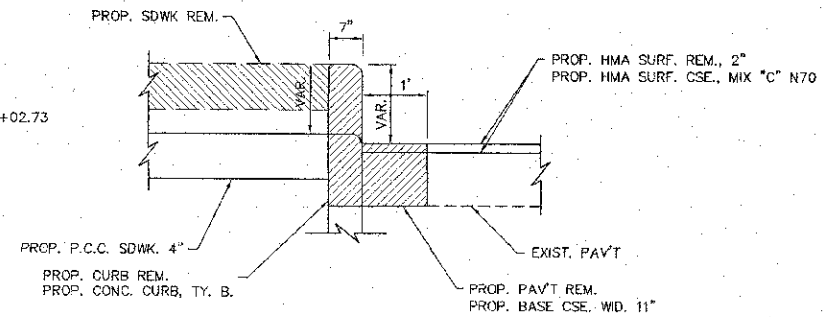
SECTION B - B



SECTION C - C



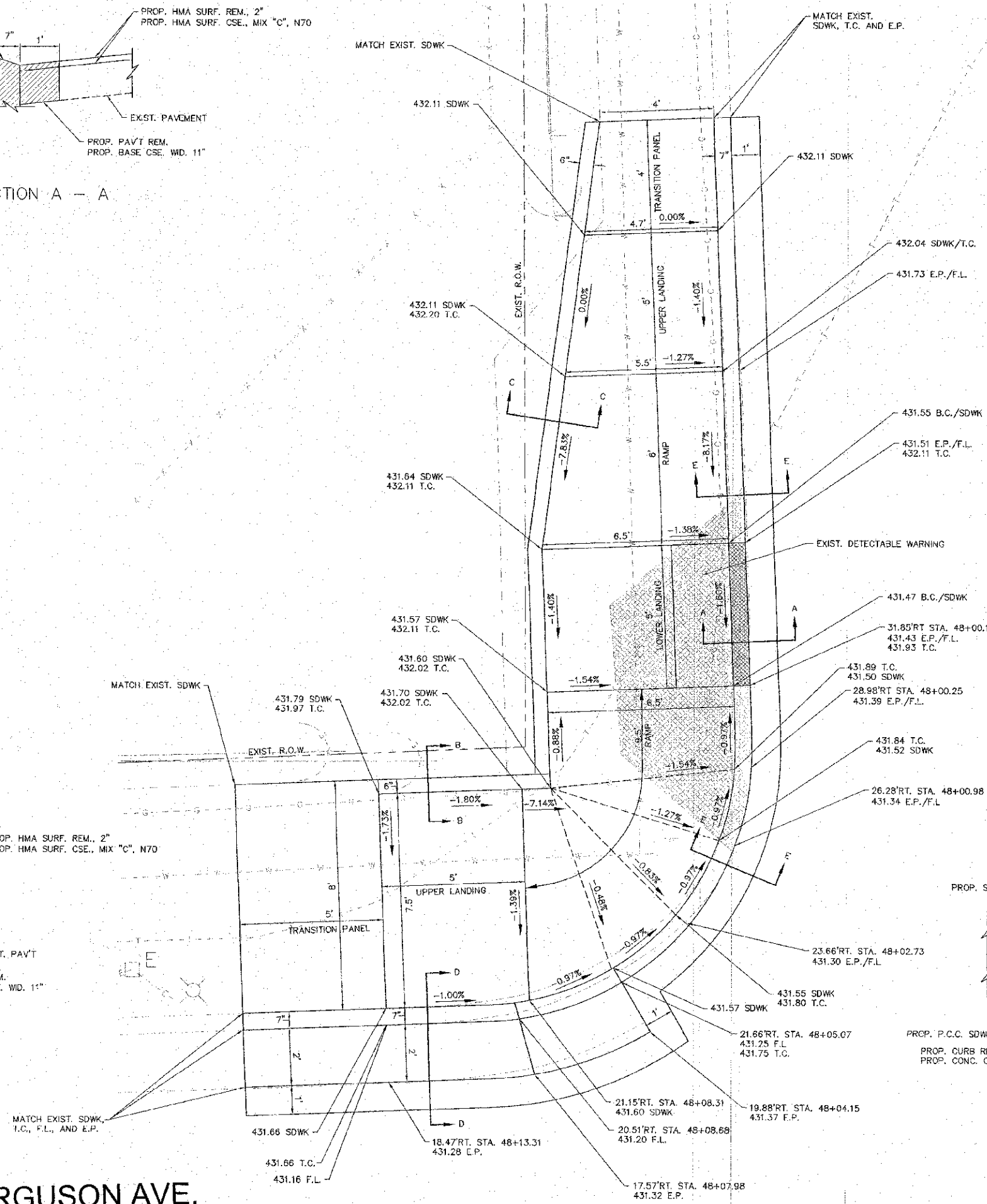
SECTION D - D



SECTION E - E

FERGUSON AVE.

HALLER ST.



SEE PLAN SHEET FOR LOCATION OF DETECTABLE WARNING

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Naval Street, P.O. Box E, Alton, IL 62002, 618/462-8755, F. mail: sm@smse.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040, 618/677-9202, E. mail: nsl@smse.com
 DESIGN FIRM # 184-000992

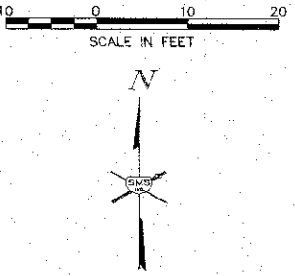
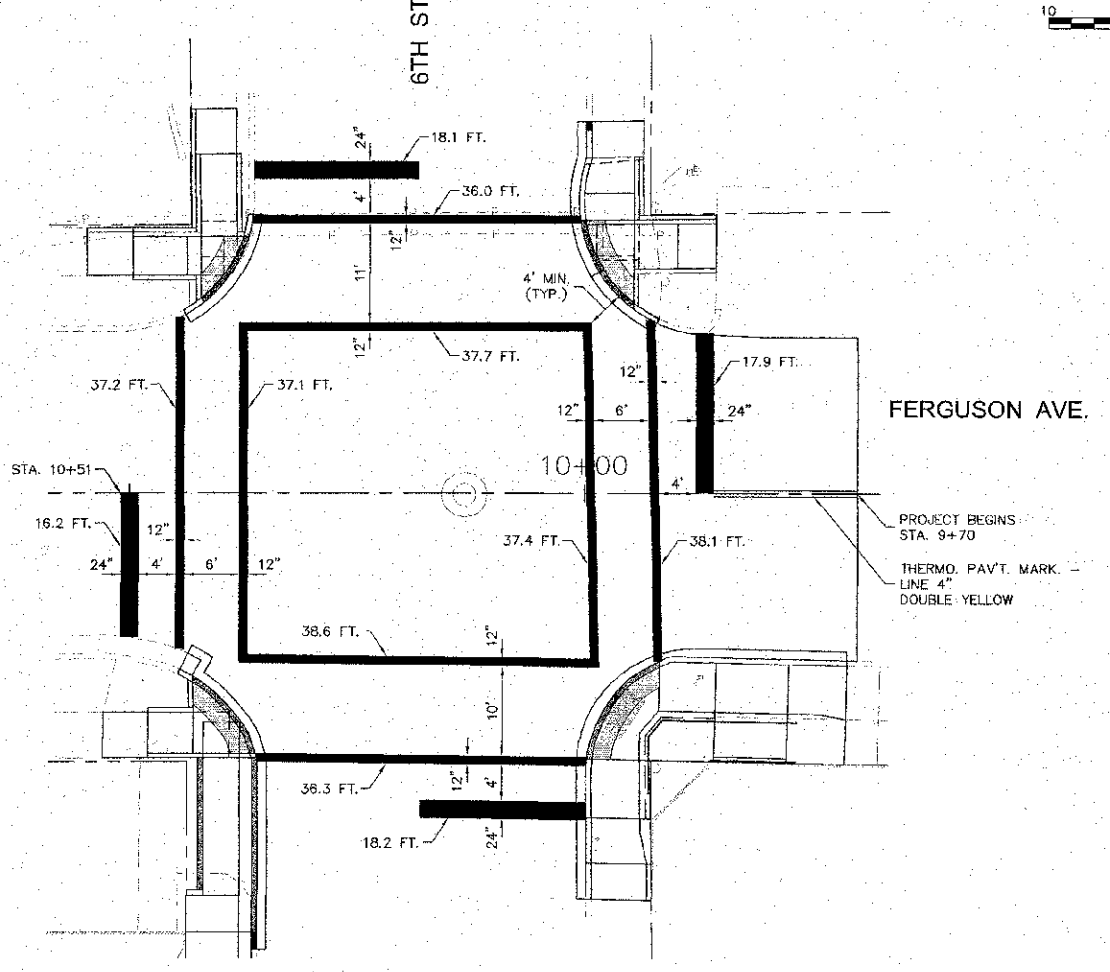
CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 INTERSECTION DETAILS

DWG. NO.	10-00047-02-RS-41
BY	LD
CHECKED BY	LD
DATE	APRIL 2013

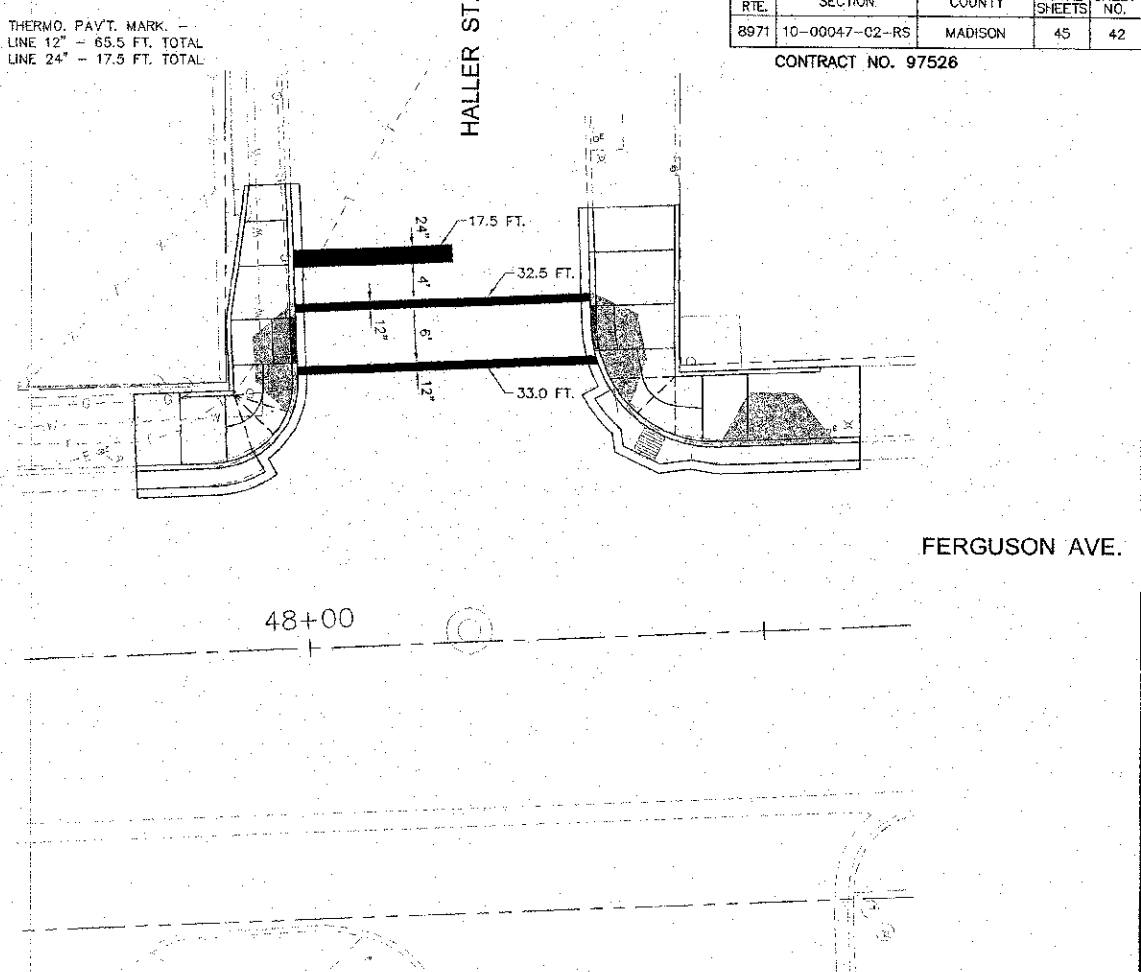
HALLER ST. NW. QUAD

S:\land\Projects\WOOD RIVER PS 488D\4 FERGUSON HC 3AMP\Sub\WINT DET FERGUSON_HALLER.dwg, 4/15/2013 9:10:34 AM, jman, 1:2

THERMO. PAVT. MARK. -
 LINE 12" - 298.4 FT. TOTAL
 LINE 24" - 52.5 FT. TOTAL



THERMO. PAVT. MARK. -
 LINE 12" - 65.5 FT. TOTAL
 LINE 24" - 17.5 FT. TOTAL

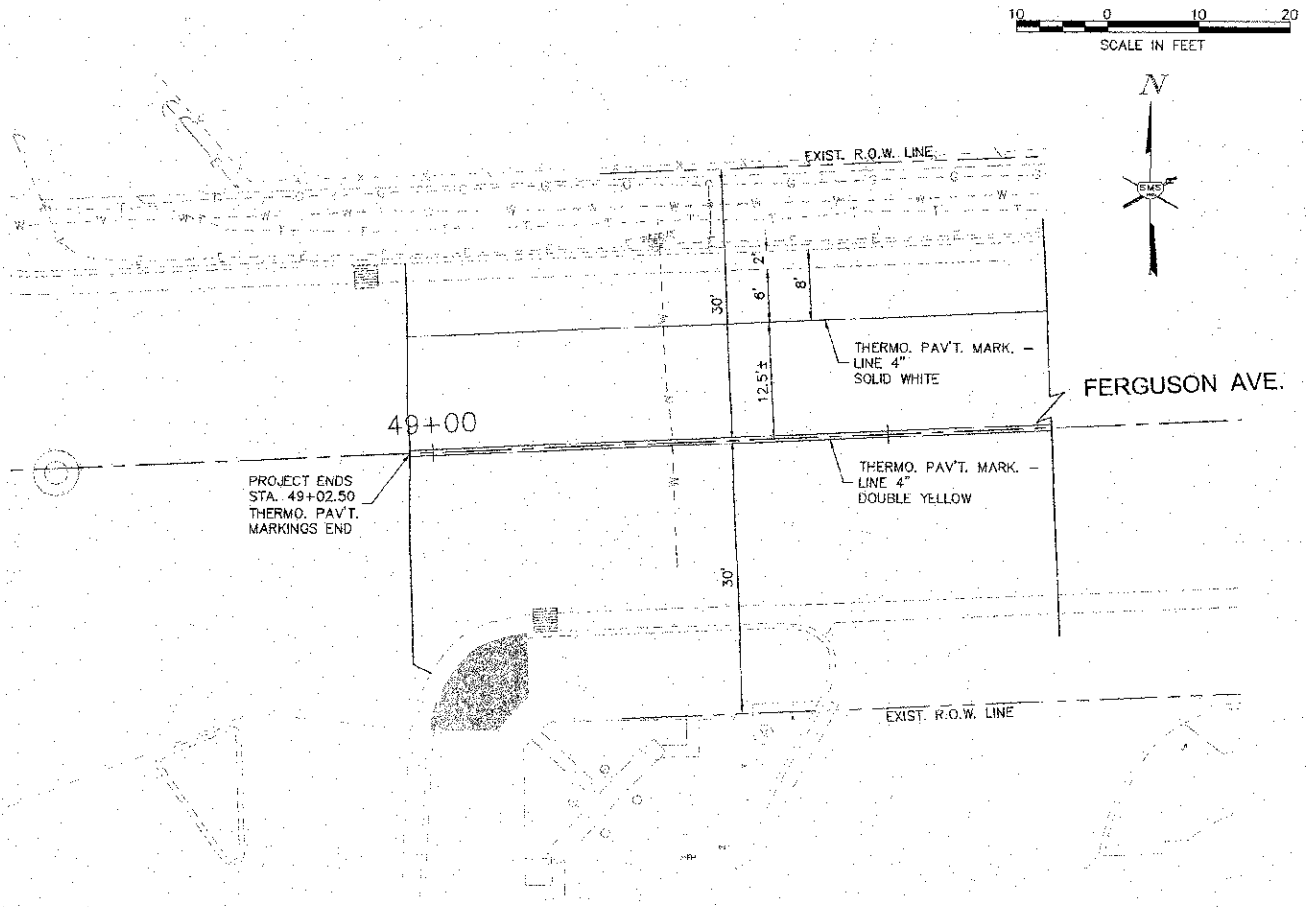


6TH ST.

HALLER ST.



OLD ST. LOUIS ROAD



FERGUSON AVE.

F.A.U. R/O.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	42

CONTRACT NO. 97526

REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 210 Laurel Street P.O. Box 2, Alton, IL 62002 938-629755 E-mail: ms@smsengineers.com
 10 Central Industrial Park, Suite 3, Granite City, IL 62040 938-774700 E-mail: ms@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 PAVEMENT MARKING PLAN

DWG. NO.
 PAVEMENT MARKING PLAN

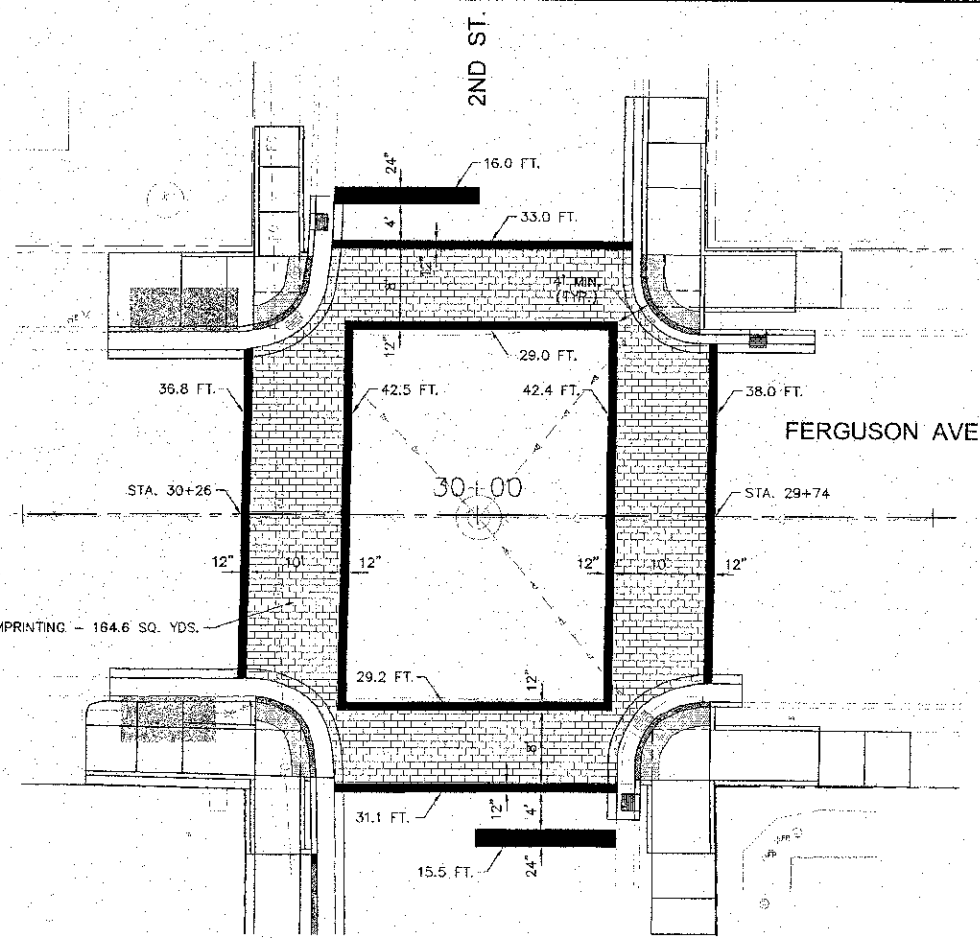
REF. BK.	PG.
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL 2013
SCALE:	1" = 10'

SHEET 42 OF 45

S:\Land Projects\WOOD RIVER P5 (488044) FERGUSON HC RAMPS.dwg\PAVEMENT MARKING PLAN.dwg, 4/15/2013 9:39:28 AM, jman, 1:10

THERMO. PAVT. MARK. -
 LINE 12" - 282.0 FT. TOTAL
 LINE 24" - 31.5 FT. TOTAL

PAVEMENT IMPRINTING - 164.6 SQ. YDS.



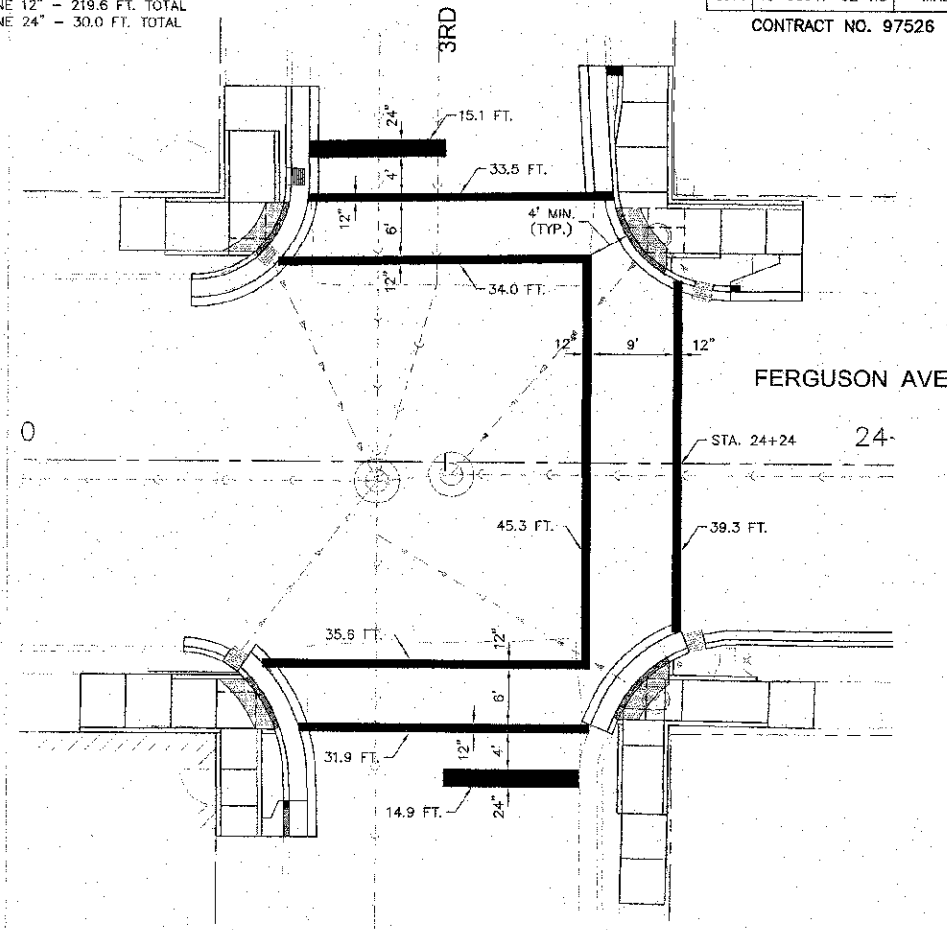
SCALE IN FEET
 0 10 20



THERMO. PAVT. MARK. -
 LINE 12" - 219.6 FT. TOTAL
 LINE 24" - 30.0 FT. TOTAL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B971	10-00047-02-RS	MADISON	45	43

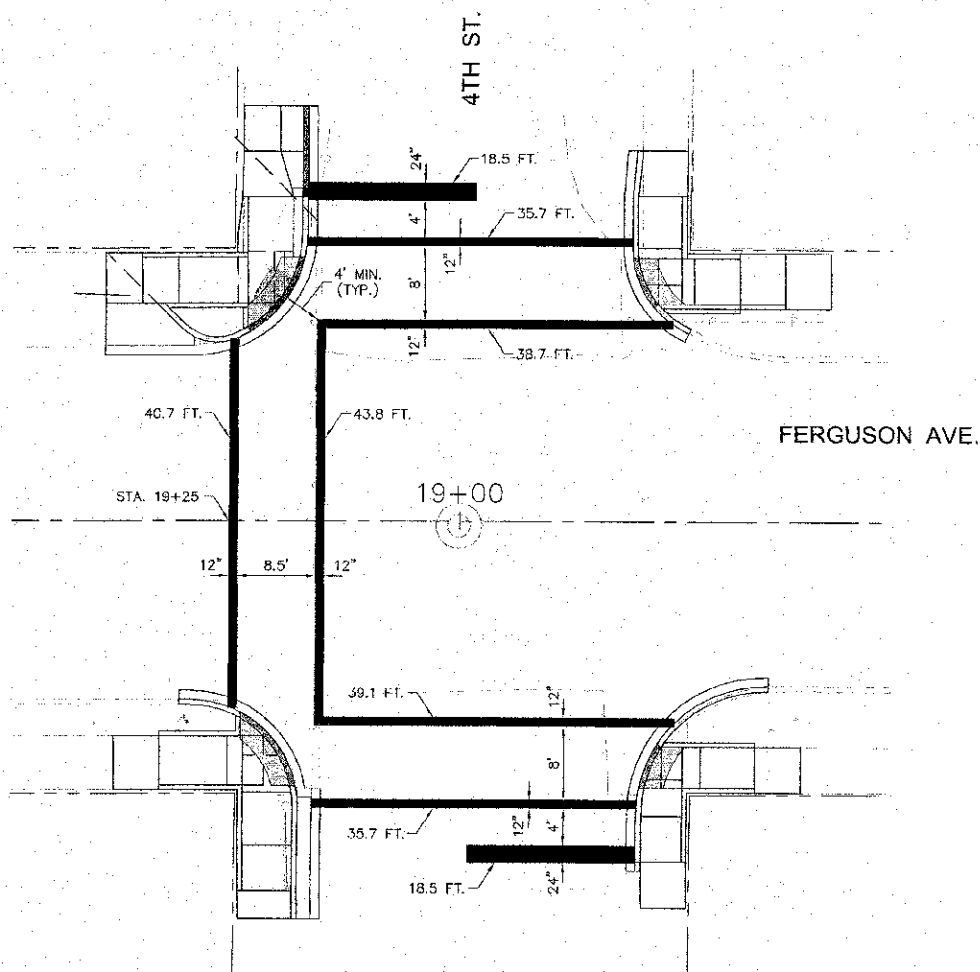
CONTRACT NO. 97526



2ND ST.

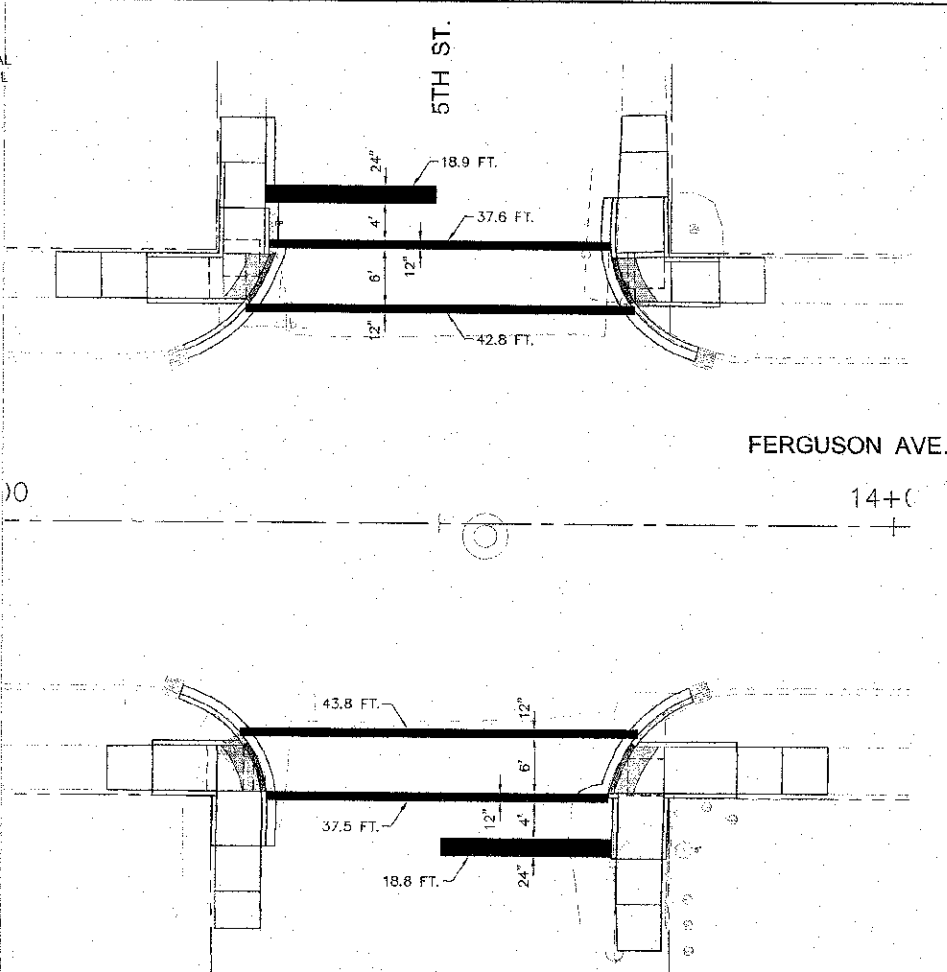
3RD ST.

THERMO. PAVT. MARK. -
 LINE 12" - 233.7 FT. TOTAL
 LINE 24" - 37.0 FT. TOTAL



4TH ST.

THERMO. PAVT. MARK. -
 LINE 12" - 161.7 FT. TOTAL
 LINE 24" - 37.7 FT. TOTAL



5TH ST.

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Marvel Street, P.O. Box E, Alton, IL 62002 618432-3755 E-mail: mail@smsengr.com
 10 Central Industrial Drive, Suite 3, O'Fallon, IL 62457 618677-4700 E-mail: mail@smsengr.com
 DESIGN: FRM #184-000392

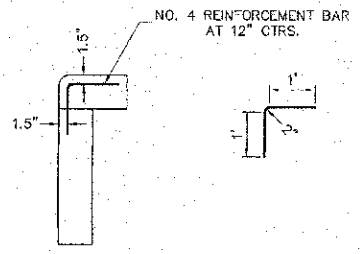
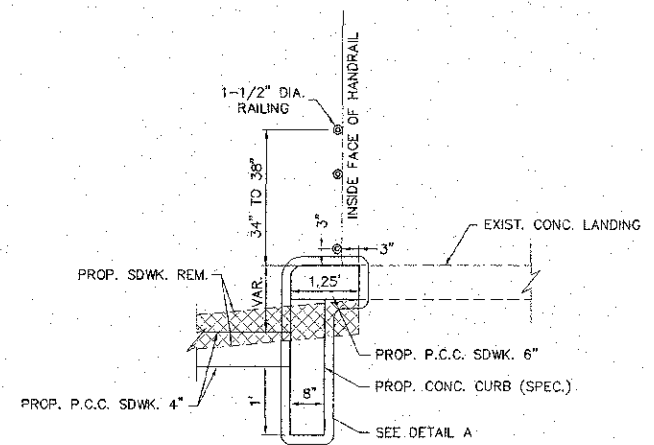
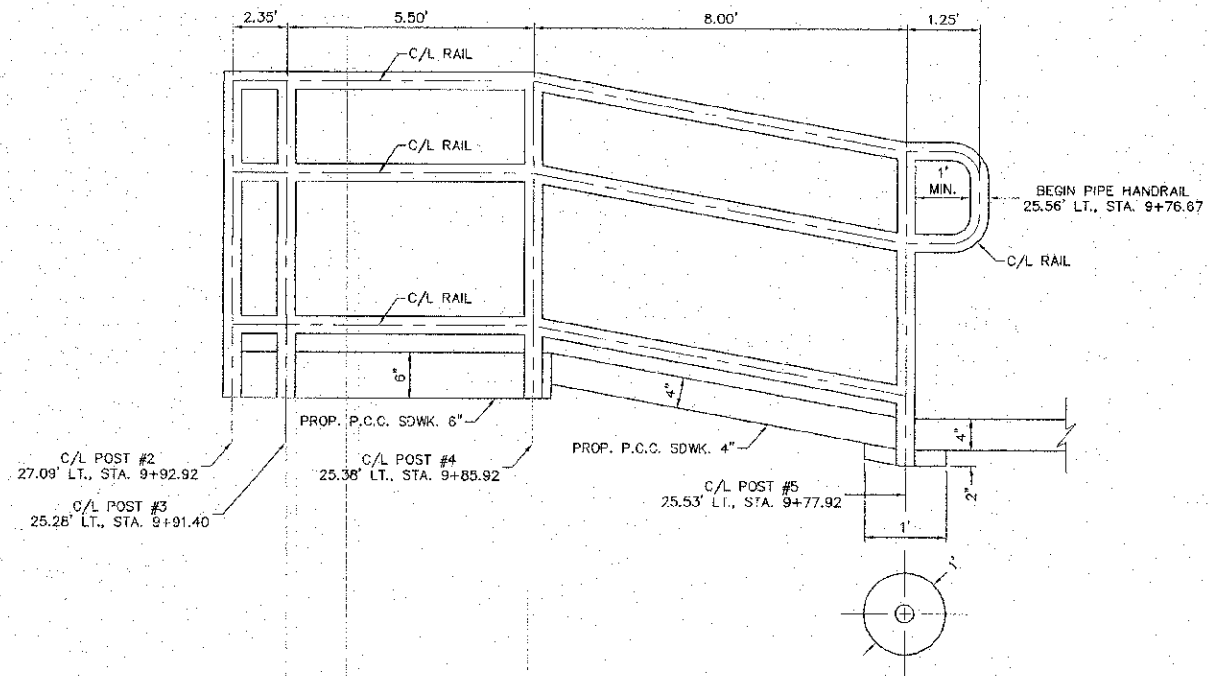
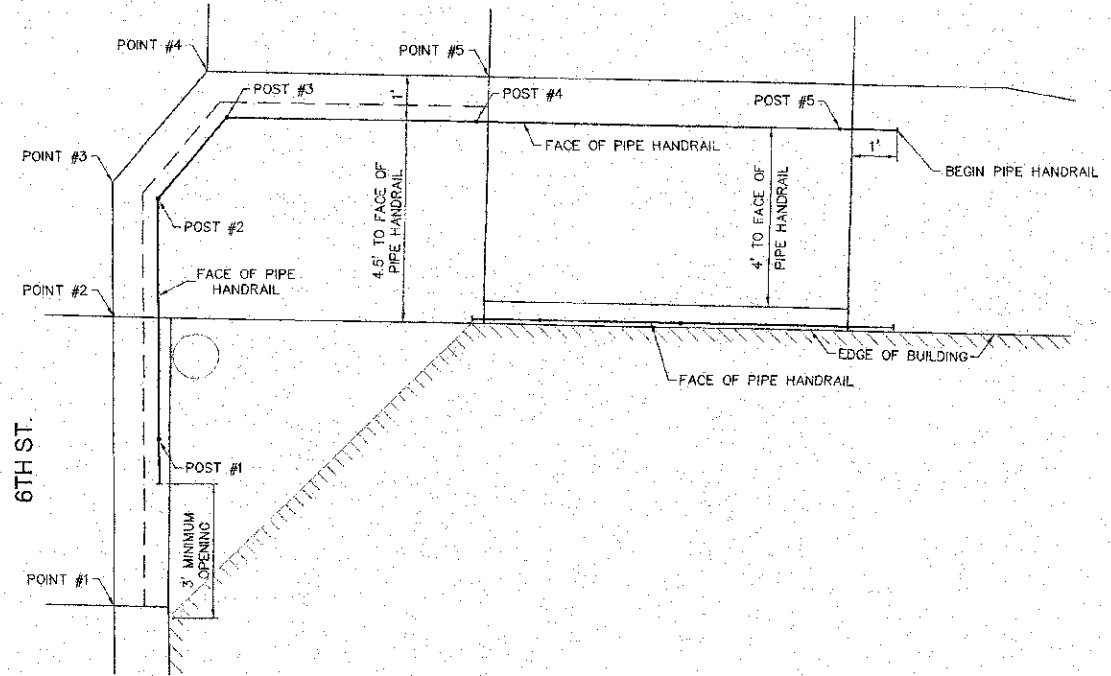
CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 PAVEMENT MARKING PLAN

DWG. NO.	10-00047-02-RS-043
REV.	01
DATE	APRIL 2013
BY	LDA
CHECKED BY	LDA
DATE	APRIL 2013

SCALE: 1" = 10'
 SHEET 43 OF 45

S:\Land Projects\WOOD RIVER, PS (488844) FERGUSON, HC & MPS\DWG\PAVEMENT MARKING PLAN.dwg, 4/15/2013 9:39:44 AM, jman, 130

FERGUSON AVE.

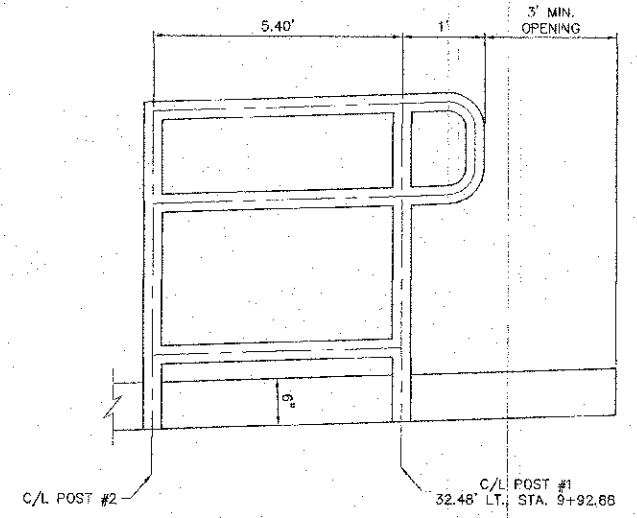


SECTION G - G
PROP. CONC. CURB (SPEC.)
NOT TO SCALE

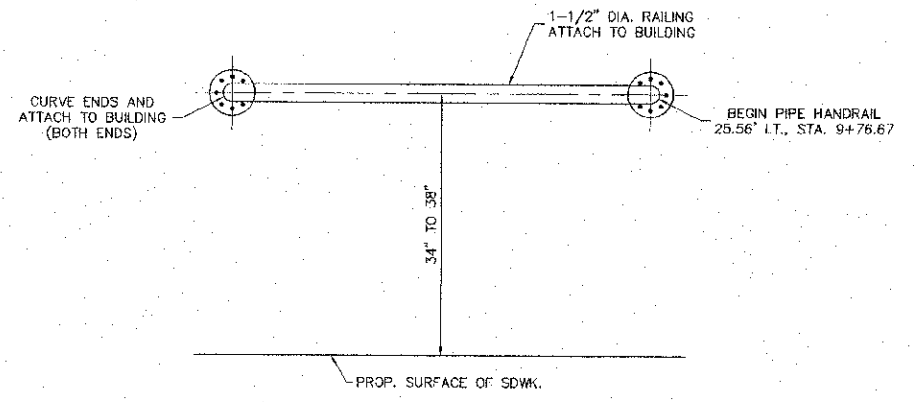
POINT	STATION	OFFSET	HEIGHT OF CURB
1	9+93.85	36.22'	1.25'
2	9+93.90	29.73'	1.78'
3	9+93.92	28.73'	1.74'
4	9+91.84	24.25'	1.68'
5	9+85.64	24.38'	1.30'

NOTES:

- PROP. SDWK. SHALL BE CORE DRILLED TO SET POSTS. NON SHRINK GROUT SHALL BE PLACED IN HOLES AROUND ALL POSTS.
- REINFORCEMENT BARS SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF CONC. CURB (SPEC.).



DETAIL: PIPE HANDRAIL AND CONCRETE CURB (SPECIAL)
NOT TO SCALE



REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Marka Street, P.O. Box E, Alton, IL 62002. 618462-9755. E-mail: mail@smsengineers.com
10 Central Industrial Drive, Suite 3, Granite City, IL 62040. 618677-6100. E-mail: ms@smsengineers.com
DESIGN FIRM # 154-000992

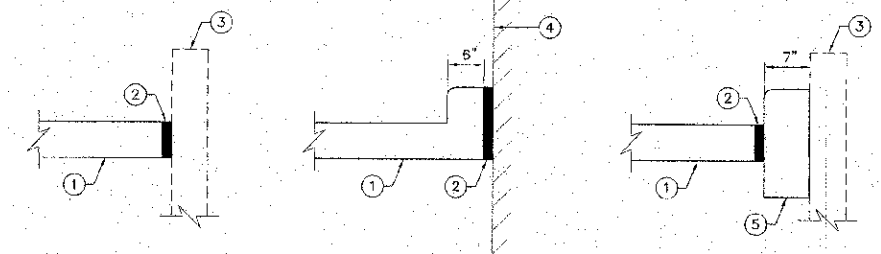
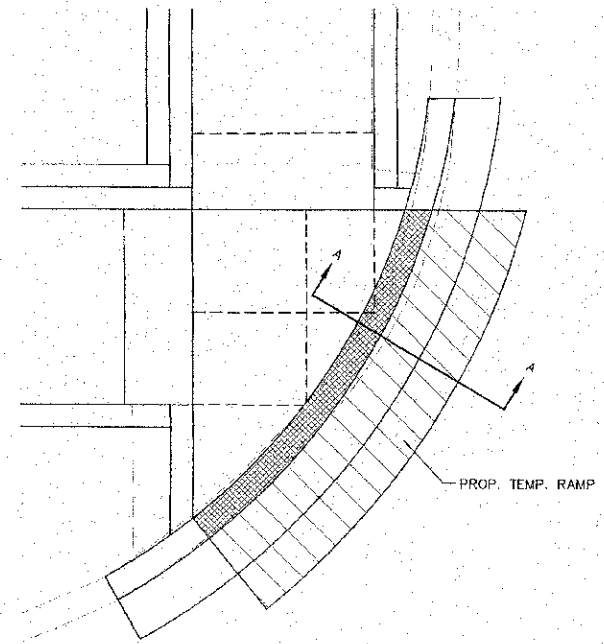
CITY OF WOOD RIVER, ILLINOIS
FERGUSON AVENUE RESURFACING
SECTION 10-00047-02-RS
CONSTRUCTION DETAILS

DWG. NO.	10-00047-02-RS-44
DETAILS DWG	
REF. BK. - PG.	
JOB NO. 488044	
DSN. BY: LDA	
DWN. BY: CAD	
DATE: APRIL, 2013	
SCALE: NOT TO SCALE	
SHEET 44 OF 45	

S:\road\perchedwood\BIVER_28_488044\FERGUSON AVE RAMP SDWK DETAILS.dwg, 4/16/2013 9:56:18 AM, 1/1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	45

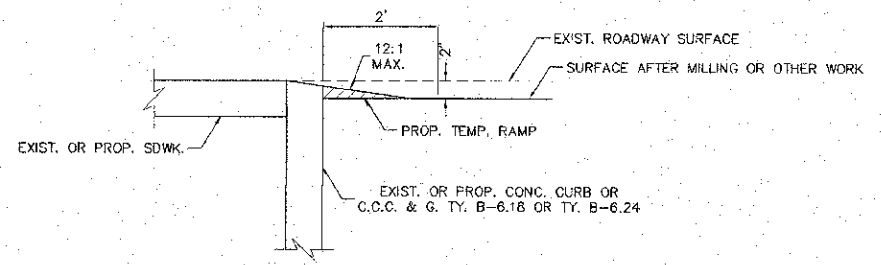
CONTRACT NO. 97526



- ① PROP. P.C.C. SIDEWALK 4"
- ② PROP. 1/2" EXPANSION JOINT MATERIAL
- ③ EXIST. RETAINING WALL
- ④ EXIST. BUILDING
- ⑤ PROP. CONC. CURB, TY. B

NOTE:
 1/2" EXPANSION JOINT MATERIAL SHALL BE REQUIRED WHEN THE ABOVE CONDITIONS ARE ENCOUNTERED. THE COST OF THE PROPOSED EXPANSION JOINT MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROP. SIDEWALK.

DETAIL: EXPANSION JOINTS
 NOT TO SCALE



SECTION A-A
 NOT TO SCALE

- NOTES:**
1. WHEN THE SIDEWALK REMAINS OPEN TO PEDESTRIANS AND THE CONTRACTOR'S OPERATIONS CREATE A DROP OFF AT THE END OF AN EXIST. OR PROP. RAMP, THE CONTRACTOR SHALL CONSTRUCT A TEMPORARY RAMP AT THE END OF THE SIDEWALK RAMP.
 2. MATERIAL USED FOR THE RAMP SHALL FORM A HARD AND EVEN SURFACE. AGGREGATE MATERIAL WILL NOT BE ALLOWED.
 3. A QUANTITY HAS BEEN CALCULATED AND INCLUDED IN THE SUMMARY OF QUANTITIES FOR P.C.C. SIDEWALK OF SIZE SPECIFIED AT EACH PROPOSED RAMP, ASSUMING A HEIGHT DIFFERENCE OF 2".

DETAIL: TEMPORARY RAMPS FOR SIDEWALK RAMPS
 NOT TO SCALE

REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box 5, Alton, IL 62002-0005 E-mail: sms@smsshaab.com
 10 Capital Islands, Suite 3, Granite City, IL 62040 618.677.4709 E-mail: tom@smsshaab.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 CONSTRUCTION DETAILS

DWG. NO.	LP\WOOD RIVER 488044\
DETAILS.DWG	
REF. BK. PG.	
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013
SCALE:	NOT TO SCALE
SHEET	45 OF 45