

Q:\CVIL_3D PROJECTS\WOOD RIVER P.S. (489052.1) 6TH ST IMPROVE\Production Drawings\WR 6TH CVR SHEET 1.DWG, 11/8/2017 9:33:08 AM, cpruit, 1:2

CONTACT JULIE AT 811 OR 800-892-0123
With the following:



County MADISON
City / Township CITY OF WOOD RIVER
Sec & 1/4 Sec No. SEC. 22 T.5N., R.9W.
48 HOURS (2 working days) BEFORE YOU DIG

AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- * CHARTER COMMUNICATIONS
4787 SIGNATURE INDUSTRIAL DRIVE
EDWARDSVILLE, IL 62025
(618) 779-4179
- * WOOD RIVER PUBLIC SERVICES
100 ANDERSON AVE.
WOOD RIVER, IL 62095
(618) 251-3122
WATER, STORM SEWER, & SANITARY SEWER
- * AT&T COMMUNICATIONS
203 GOETHE
COLLINSVILLE, IL 62234
(618) 346-6422
- * AMEREN ILLINOIS
2600 N. CENTER STREET
MARYVILLE, IL 62052
(618) 346-1244 (GAS)
- * AMEREN ILLINOIS
700 OAKWOOD AVENUE
P.O. BOX 478
ALTON, IL 62002
(618) 463-4041
- (618) 463-4027

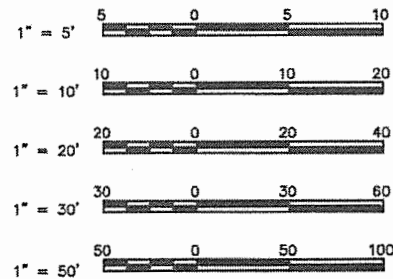
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HIGHWAY STANDARDS

280001-07	602701-02	701301-04
424001-10	604001-04	701311-03
424006-03	604011-05	701501-06
424016-04	604021-03	701801-06
424021-04	604036-03	701901-07
424026-02	604086-03	720001-01
442201-03	606001-07	720006-04
542401-03	630001-12	720011-01
542546-01	630101-10	725001-01
602301-04	630301-08	728001-01
602306-03	664001-02	729001-01
602401-04	701006-05	780001-05
602601-05	701011-04	782006

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.

FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
DESIGN SPEED = 30 M.P.H.

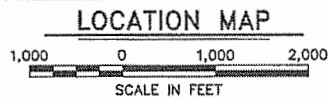
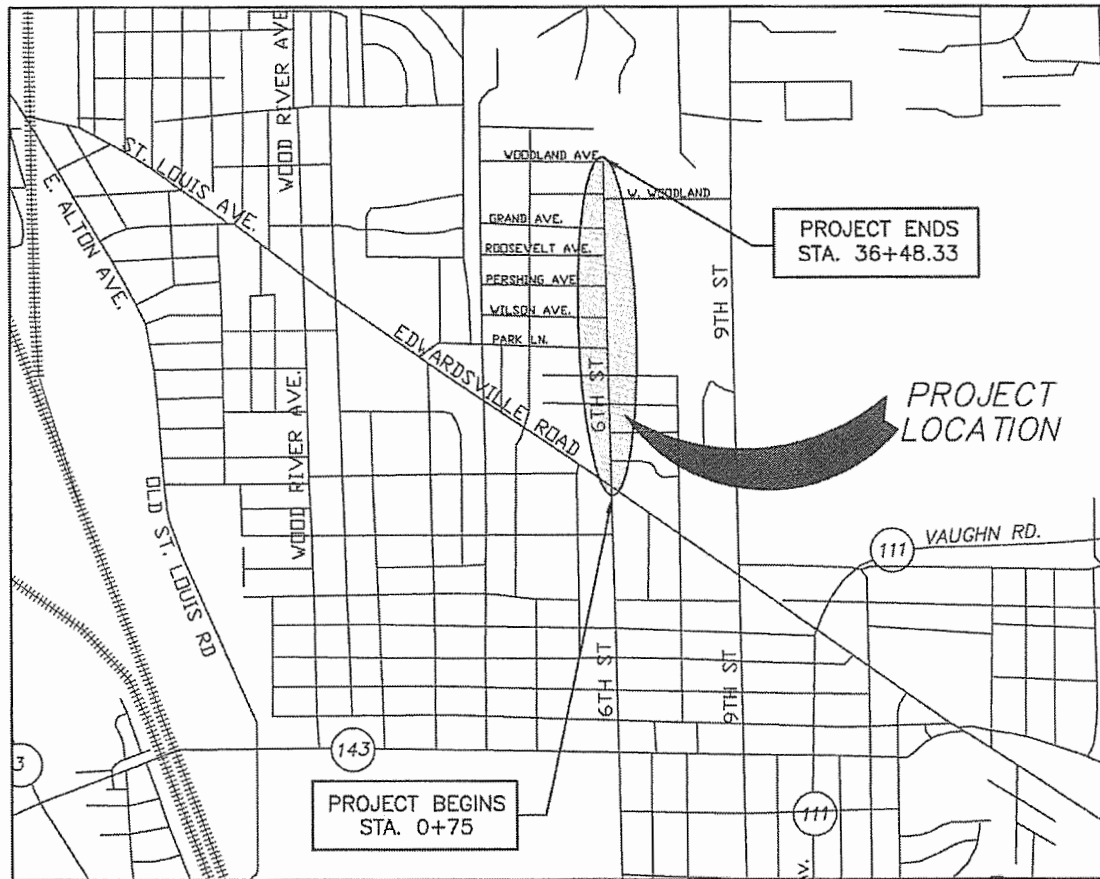
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

1/19/2018 LETTING ITEM 112

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	1
FEDERAL AID PROJECT		CONTRACT NO. 97664	

STU FUNDS

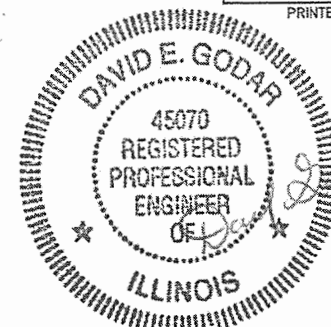
6TH STREET
SECTION 14-00051-00-RS
FAU ROUTE 9008
PROJECT NOSE (123)
CITY OF WOOD RIVER, ILLINOIS
MADISON COUNTY
JOB C-98-370-14



LENGTH OF PROJECT = 3,573.33 FEET = 0.677 MILES



Sheppard Morgan & Schwaab, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS
215 Market Street
Alton, Illinois 62002
618/462-9755



DATE SIGNED 11-13-17
EXPIRATION DATE 11-30-19

NOVEMBER, 2017

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED: *11/8* 2017
Chris Meyer
MAYOR

PASSED: *11/17/17* 20
Chris Meyer
DISTRICT B ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED UPON LIMITED
REVIEW: *11/17/17* 20
Jeffrey Keirn
JEFFREY KEIRN, P.E.
REGIONAL ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

STANDARD SYMBOL LEGEND

EXISTING

- EXISTING GUY POLE --○
- EXISTING LIGHT POLE --X
- EXISTING POWER POLE --○
- EXISTING TELEPHONE POLE --○
- EXISTING GUY WIRE --←
- EXISTING TRANSMISSION TOWER --□
- EXISTING ELECTRIC SPLICE BOX --□E
- EXISTING TELEPHONE SPLICE BOX --□T
- EXISTING CABLE SPLICE BOX --□TV
- EXISTING WATER HYDRANT --FH
- EXISTING GAS METER --G
- EXISTING WATER METER --W
- EXISTING GAS VALVE --G
- EXISTING FIRE HYDRANT --FH
- EXISTING SANITARY MANHOLE TOP --○
- EXISTING STORM MANHOLE TOP --○
- EXISTING TELEPHONE MANHOLE TOP --○T
- EXISTING SANITARY CLEAN OUT --○
- CONTROL POINT --△XXX
- BENCHMARK --B.M.
- TEST PIT / NUMBER --T.P.# X
- BORING / NUMBER --B.# X
- RIGHT-OF-WAY MARKER --R
- AXLE FOUND --AXLE
- BOLT FOUND --BOLT
- CHISELED "X" FOUND --X
- PIN FOUND --IP
- PINCH PIPE FOUND --IP
- PK NAIL FOUND --PK
- RAILROAD SPIKE FOUND --RR
- STONE FOUND --STONE
- BRASS MONUMENT FOUND --MON
- IRON PIPE FOUND --IP
- MONUMENT FOUND --MON
- REBAR FOUND --RBR
- EXISTING MAILBOX --M
- EXISTING FENCE POST --F
- EXISTING GATE POST --G
- EXISTING FLAG POLE --F
- EXISTING GUARD POST --GP
- EXISTING ADVERTISING SIGN --A
- EXISTING TRAFFIC SIGN --T
- EXISTING PARKING METER --P
- EXISTING RAILROAD MILE POST --MP
- EXISTING RAILROAD SIGNAL CONTROLLER --S
- EXISTING RAILROAD CROSSING GATE --C
- EXISTING TRAFFIC SIGNAL --S
- EXISTING TRAFFIC SIGNAL CONTROLLER --S
- EXISTING HANDHOLE --H
- EXISTING DOUBLE HANDHOLE --DH
- EXISTING MAST ARM BASE --M
- EXISTING DECIDUOUS TREE / SIZE --XX"
- EXISTING EVERGREEN TREE / SIZE --XX"
- EXISTING STUMP / SIZE --XX"
- EXISTING BUSH --B
- EXISTING SHRUB --S
- EXISTING TREE TO BE REMOVED --XX"

PROPOSED

- PROPOSED GUY POLE --○
- PROPOSED LIGHT POLE --X
- PROPOSED POWER POLE --○
- PROPOSED TELEPHONE POLE --○
- PROPOSED GUY WIRE --←
- PROPOSED TRANSMISSION TOWER --□
- PROPOSED ELECTRIC SPLICE BOX --□E
- PROPOSED TELEPHONE SPLICE BOX --□T
- PROPOSED CABLE SPLICE BOX --□TV
- PROPOSED WATER HYDRANT --FH
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- PROPOSED SANITARY MANHOLE TOP --○
- PROPOSED STORM MANHOLE TOP --○
- PROPOSED TELEPHONE MANHOLE TOP --○T
- PROPOSED SANITARY CLEAN OUT --○
- PROPOSED MAILBOX --M
- PROPOSED GUARD POST --GP
- PROPOSED ADVERTISING SIGN --A
- PROPOSED TRAFFIC SIGN --T
- PROPOSED RAILROAD MILE POST --MP
- PROPOSED RAILROAD SIGNAL CONTROLLER --S
- PROPOSED RAILROAD CROSSING GATE --C
- PROPOSED TRAFFIC SIGNAL --S
- PROPOSED TRAFFIC SIGNAL CONTROLLER --S
- PROPOSED HANDHOLE --H
- PROPOSED DOUBLE HANDHOLE --DH
- PROPOSED MAST ARM BASE --M
- PROPOSED DECIDUOUS TREE / SIZE --XX"
- PROPOSED EVERGREEN TREE / SIZE --XX"
- PROPOSED BUSH --B
- PROPOSED PLANT --P
- PROPOSED EDGE OF PAVEMENT ELEVATION --+ 512.00 EP
- PROPOSED PAVEMENT ELEVATION --+ 505.50 P
- PROPOSED CURB ELEVATION --+ 550.25 TC
- PROPOSED SIDEWALK ELEVATION --+ 515.15 SW
- PROPOSED FLOWLINE ELEVATION --+ 501.58 FL

SIDEWALK LEGEND

- RAMP -- MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- DETECTABLE WARNING
- L -- LANDING -- MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT -- BLENDED TRANSITION -- MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T -- TRANSITION TO MEET EXISTING SIDEWALK
- P -- PASSING SPACE -- MIN. SIZE 5' X 5', MAX CROSS SLOPE = 2.0%

STANDARD LINE TYPE LEGEND

EXISTING FEATURES

- EXISTING CENTERLINE
- EXISTING BASELINE
- EXISTING RIGHT-OF-WAY
- EXISTING SECTION LINE
- EXISTING PROPERTY LINE --P/L
- EXISTING EASEMENT
- EXISTING SETBACK
- EXISTING MAJOR CONTOUR --500
- EXISTING MINOR CONTOUR --501
- EXISTING DITCH
- EXISTING POND, LAKE, BODY OF WATER, ETC.
- EXISTING RAILROAD
- EXISTING BRUSH / HEDGE / TREE LINE
- EXISTING FENCE
- EXISTING GUARDRAIL
- EXISTING CULVERT
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING FORCEMAIN
- EXISTING WATER
- EXISTING UNDERGROUND ELECTRIC
- EXISTING GAS
- EXISTING UNDERGROUND TELEPHONE
- EXISTING FIBER OPTIC
- EXISTING UNDERGROUND CABLE TV
- EXISTING OVERHEAD TELEPHONE
- EXISTING OVERHEAD ELECTRIC
- EXISTING OVERHEAD CABLE TV

PROPOSED FEATURES

- PROPOSED CENTERLINE
- PROPOSED BASELINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- PROPOSED EASEMENT
- PROPOSED CONSTRUCTION EASEMENT OR TEMPORARY USE PERMIT
- PROPOSED CONSTRUCTION LIMITS
- PROPOSED SETBACK
- PROPOSED MAJOR CONTOUR --500
- PROPOSED MINOR CONTOUR --501
- PROPOSED DITCH
- PROPOSED POND, LAKE, BODY OF WATER, ETC.
- PROPOSED RAILROAD
- PROPOSED FENCE
- PROPOSED GUARDRAIL
- PROPOSED PERIMETER EROSION BARRIER
- PROPOSED CULVERT
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED FORCEMAIN
- PROPOSED WATER
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED UNDERGROUND TELEPHONE
- PROPOSED UNDERGROUND CABLE TV
- PROPOSED OVERHEAD TELEPHONE
- PROPOSED OVERHEAD ELECTRIC
- PROPOSED OVERHEAD CABLE TV

ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	OL	OPEN LID
BK	BACK	PC	POINT OF CURVE
BM	BENCH MARK	PE	PRIVATE ENTRANCE
BVCS	BEGIN VERTICAL CURVE ELEVATION	PI	POINT OF INTERSECTION
BVCS	BEGIN VERTICAL CURVE STATION	PK	PK NAIL
C&G	CURB AND GUTTER	PP	POWER POLE
C/L	CENTER LINE	PRCF	PRECAST REINFORCED CONCRETE FLARED
CE	COMMERCIAL ENTRANCE	PT	POINT OF TANGENT
CI	CAST IRON	PVC	POINT OF VERTICAL CURVE
CL	CLOSED LID	R	RADIUS
CM	CONCRETE MONUMENT	RBR	REBAR
CMP	CORRUGATED METAL PIPE	RDMH	RESTRICTED DEPTH MANHOLE
CONC	CONCRETE	ROW	RIGHT OF WAY
CT	CRIMP TOP PIPE	RR	RAIL ROAD
CU YD	CUBIC YARD	RRPM	RAISED REFLECTIVE PAVEMENT MARKER
DE	DRAINAGE EASEMENT	RT	RIGHT
DIP	DUCTILE IRON PIPE	S	SOUTH
E	EAST	SE	SOUTHEAST
ELEV	ELEVATION	SL	SECTION LINE
EP	EDGE OF PAVEMENT	SS1	STORM SEWER TYPE 1
EQN STA	EQUATION STATION	SS2	STORM SEWER TYPE 2
ES	EDGE OF SHOULDER	SS3	STORM SEWER TYPE 3
FE	FIELD ENTRANCE	STA	STATION
FH	FIRE HYDRANT	SW	SOUTHWEST
FL	FLOW LINE	TB	TRENCH BACKFILL
FT	FOOT	TBR	TO BE REMOVED
FWD	FORWARD	TC	TOP OF CURB
GP	GUARD POST	TCE	TEMPORARY CONSTRUCTION EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE	TPM	TEMPORARY PAVEMENT MARKING
HMA	HOT-MIX ASPHALT	TPPM	THERMOPLASTIC PAVEMENT MARKING
IP	IRON PIPE	TUP	TEMPORARY USE PERMIT
LT	LEFT	TY	TYPE
MON	MONUMENT	TYP	TYPICAL
MP	MILE PIPE	VC	VERTICAL CURVE
N	NORTH	VCP	VITRIFIED CLAY PIPE
NE	NORTHEAST	W	WEST
NW	NORTHWEST	WMQ	WATER MAIN QUALITY
O&C	OIL AND CHIP		

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016 AND THE SPECIAL PROVISIONS OF THE PROJECT CONTRACT.
- THE PLANS SHOW THE APPROXIMATE LOCATION OF KNOWN UTILITIES, BUT DO NOT SHOW HOUSE OR SERVICE CONNECTIONS. UTILITY INFORMATION PROVIDED IS BASED ON INFORMATION OBTAINED FROM UTILITY COMPANIES AND SHALL NOT BE CONSIDERED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL USE ALL DUE PRECAUTION NOT TO DAMAGE OR DISTURB ANY UTILITIES AND THE ENTIRE COST OF MAKING REPAIRS TO, OR REPLACEMENT OF, ANY DAMAGED LINE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 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.
- SEE TYPICAL SECTION SHEETS FOR TYPICAL SECTION NOTES.
- PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS WERE CALCULATED BASED ON USING 112 LBS. / SQ. YD. / IN. AN ADDITIONAL 100 TONS OF LEVELING BINDER ARE INCLUDED IN THE PLAN QUANTITY TO ACCOUNT FOR VARIATIONS IN THE EXISTING PAVEMENT SURFACE.
- UNLESS OTHERWISE PROVIDED FOR HEREIN, THE CONTRACTOR SHALL PROTECT AND RESTORE EXISTING TRAFFIC SIGNS IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. AT LOCATIONS WHERE NEW SIGNS REPLACE EXISTING SIGNS, THE CONTRACTOR SHALL REMOVE THE EXISTING SIGNS AND DELIVER THEM TO THE CITY OF WOOD RIVER STREET DEPARTMENT. THE COST OF THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 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.
- THE OFFSETS FOR ALL ROUND INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING REQUIRED FOR THE FRAME AND GRATE OR LID THAT IS SPECIFIED. THE OFFSETS FOR ALL SQUARE BOX INLETS AND SQUARE FLUSH INLETS ARE GIVEN TO THE CENTER OF THE BASE OF THE STRUCTURE. OFFSETS FOR ALL END SECTIONS ARE GIVEN TO THE CENTER OF THE END SECTION.
- ALL CONSTRUCTION ON THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF THE "PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES" (PROWAG) WITHIN THE PEDESTRIAN ACCESS ROUTE (PAR). THE PAR IS A SPACE WITH A MINIMUM WIDTH OF 4 FEET WITHIN SIDEWALKS, CURB RAMPS, DRIVEWAY PAVEMENTS AND PAVEMENT SURFACE WITHIN CROSSWALKS.
- PAVEMENT PATCHING CAN BE PERFORMED EITHER BEFORE OR AFTER MILLING, AND SHALL BE COORDINATED WITH THE RESIDENT ENGINEER.

COMMITMENTS

ANY CONSTRUCTION ACTIVITIES THAT WOULD AFFECT ACCESS TO THE WOODLAND HILL CEMETERY ENTRANCE SHALL FIRST BE COORDINATED WITH THE CEMETERY MANAGER AT (618) 477-9799 OR (314) 725-7800.

BENCHMARK INFORMATION

SITE BENCHMARK:
TOP OF FOUND BRASS TAB ON THE NORTH END OF A HEADWALL WEST OF 6TH ST. AND 80± NORTH OF ROOSEVELT.
STA. 26+74.19, 15.91' LT
ELEV. = 436.57

SURVEY CONTROL POINTS

VERTICAL CONTROL (BENCH MARKS)			
BENCH MARK	LOCATION	ELEVATION	DESCRIPTION
14	STA. 5+50.73, 17.87' RT.	445.75	FIRE HYDRANT "M" ON MUELLER
15	STA. 10+30.15, 22.00' RT.	442.39	FIRE HYDRANT "M" ON MUELLER
16	STA. 16+37.94, 29.24' LT.	442.93	FIRE HYDRANT "M" ON MUELLER
17	STA. 19+50.35, 26.50' LT.	438.40	FIRE HYDRANT "M" ON MUELLER
18	STA. 22+39.73, 21.93' LT.	437.34	FIRE HYDRANT "M" ON MUELLER
19	STA. 25+62.35, 22.95' LT.	435.97	FOUND RR SPIKE IN POWER POLE
21	STA. 29+02.42, 25.50' LT.	437.39	FOUND RR SPIKE IN POWER POLE
22	STA. 33+02.10, 22.42' LT.	441.07	FIRE HYDRANT "M" ON MUELLER
23	STA. 36+38.73, 28.09' RT.	454.31	FOUND RR SPIKE IN POWER POLE

MIX DESIGNS

MIXTURE USE	SURFACE	LEVEL BINDER	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22
MAX. RAP %	*	*	*
DESIGN AIR VOIDS	4% @ NDES = 70	4% @ NDES = 70	4% @ NDES = 70
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5 OR IL-12.5	IL-9.5	----
FRICTION AGG.	MIX C	MIX C	MIX C
*SEE SPECIAL PROVISIONS			

REVISIONS			
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SMS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
1515 Market Street, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
SECTION 14-00051-00-RS
6TH STREET
GENERAL NOTES, LEGENDS AND CONTROL POINTS

CONTRACT NO.	97664
REF. BK.	PG.
JOB NO.	489052.1
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	NOV. 2017

CONSTRUCTION TYPE CODE			0005	
CODE NO.	ITEM	UNIT	QUANTITY	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	119	
20200100	EARTH EXCAVATION	CU YD	920	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20	
20800150	TRENCH BACKFILL	CU YD	991	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	108	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	108	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	108	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2.4	
25100115	MULCH, METHOD 2	ACRE	1.25	
25100630	EROSION CONTROL BLANKET	SQ YD	1,155	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	240	
28000305	TEMPORARY DITCH CHECKS	FOOT	40	
28000400	PERIMETER EROSION BARRIER	FOOT	50	
28000500	INLET AND PIPE PROTECTION	EACH	12	
28100107	STONE RIPRAP, CLASS A4	SQ YD	438	
28200200	FILTER FABRIC	SQ YD	543	
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	45	
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	277	
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	581	
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	556	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	67	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8,127	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,597	
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1,272	
40600990	TEMPORARY RAMP	SQ YD	48	
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,239	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	18	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	159	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	45	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5,806	
42400800	DETECTABLE WARNINGS	SQ FT	153	

CONSTRUCTION TYPE CODE			0005	
CODE NO.	ITEM	UNIT	QUANTITY	
44000100	PAVEMENT REMOVAL	SQ YD	264	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	75	
44000300	CURB REMOVAL	FOOT	897	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	240	
44000600	SIDEWALK REMOVAL	SQ FT	690	
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	28	
50105220	PIPE CULVERT REMOVAL	FOOT	281	
54205047	PIPE CULVERTS, SPECIAL 12"	FOOT	35	
54205050	PIPE CULVERTS, SPECIAL 15"	FOOT	48	
54205059	PIPE CULVERTS, SPECIAL 24"	FOOT	132	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"	EACH	1	
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	1	
54262712	METAL FLARED END SECTIONS 12"	EACH	3	
54262715	METAL FLARED END SECTIONS 15"	EACH	2	
54262724	METAL FLARED END SECTIONS 24"	EACH	6	
54262736	METAL FLARED END SECTIONS 36"	EACH	1	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	20	
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	135	
550B0160	STORM SEWERS, CLASS B, TYPE 1 36"	FOOT	140	
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	131	
550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	286	
550B0380	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	326	
550B0410	STORM SEWERS, CLASS B, TYPE 2 24"	FOOT	226	
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2	
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1	
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	2	
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	
60260100	INLETS TO BE ADJUSTED	EACH	4	
60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	1	

REVISIONS									
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SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, Alton, IL 60003 618/462-9755 E-mail: mail@smsengineers.com
ENGINEERS DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 SUMMARY OF QUANTITIES

CONTRACT NO.	97664
REF. BK.	PG.
JOB NO.	489052.1
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	NOV. 2017
SCALE:	NONE
SHEET	3.1 OF 65

Q:\CIVIL_3D PROJECTS\WOOD RIVER P.S. (489052.1) 6TH ST IMPROVE\Production Drawings\6TH ST QUANTITIES.dwg, 12/1/2017 11:56:21 AM, cpruitt, 1.2

CONSTRUCTION TYPE CODE				0005	
CODE NO.	ITEM	UNIT	QUANTITY		
60266600	VALVE BOXES TO BE ADJUSTED	EACH	6		
60600605	CONCRETE CURB, TYPE B	FOOT	409		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	519		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,097		
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	80		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	25		
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	12.5		
* 63000054	WEAK POST GUARDRAIL ATTACHED TO CULVERT <i>CASE V</i>	FOOT	12.5		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3		
* 63200310	GUARDRAIL REMOVAL	FOOT	85		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5		
67100100	MOBILIZATION	L SUM	1		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	25		
* 66900450	SPECIAL WASTE PLAN AND REPORTS	L SUM	1		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	924		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	308		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	7		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	10,842		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	316		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	238		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	81		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	209		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	237		
* 72900200	METAL POST - TYPE B	FOOT	277		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	7		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,842		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	316		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	238		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	81		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8		

CONSTRUCTION TYPE CODE				0005	
CODE NO.	ITEM	UNIT	QUANTITY		
X0100002	GRADING AND SHAPING SPECIAL	SQ YD	2,475		
X0322024	TRENCH DRAIN	EACH	1		
X0327301	RELOCATE EXISTING MAILBOX	EACH	6		
X0327750	FOUNDATION REMOVAL	CU YD	1		
X0350810	BOLLARD REMOVAL	EACH	13		
X0964700	SHOULDERS, SPECIAL	SQ YD	613		
X2500930	SEEDING, CLASS 1B (MODIFIED)	ACRE	1.25		
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	47		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	9,433		
X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	1		
X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1		
X6024242	INLETS, SPECIAL, NO. 1	EACH	3		
X6024244	INLETS, SPECIAL, NO. 2	EACH	2		
X6024502	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE	EACH	1		
X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	5		
X6062400	CONCRETE GUTTER (SPECIAL)	FOOT	407		
* X6310195	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT), MODIFIED	EACH	1		
* X6320100	GUARDRAIL REMOVAL SPECIAL	FOOT	25		
* X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	170		
* X6640312	CHAIN LINK GATES TO BE REMOVED AND RE-ERECTED	EACH	1		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	4,178		
X7350010	SIGN SUPPORT BRACKET	EACH	11		
Z0051398	REMOVE EXISTING SIGN POST	EACH	36		
Z0056657	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 36"	FOOT	160		
Z0056668	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	82		
Z0056669	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15"	FOOT	42		

* DENOTES SPECIALTY ITEM

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com
ENGINEERS DESIGN FIRM # 164-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 SUMMARY OF QUANTITIES

CONTRACT NO.	
97664	
WR 6TH ST QUANTITIES.DWG	
REF. BK.	PG.
JOB NO. 489052.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: NOV. 2017	
SCALE: NONE	
SHEET 3.2 OF 65	

MILLING SCHEDULE

STATION	STATION	SIDE	DEPTH @ C/L	DEPTH @ EDGE	CROSS SLOPE	NOTES	HMA SURFACE REMOVAL, VARIABLE DEPTH (SQ. YD.)	ADDITIONAL NOTES
2+57	14+75	RT.	* 1 1/2"	* 1 1/2"	MATCH EXISTING	CROSS SLOPE VARIES 1.50% TO 6.00%	2139	INCLUDES SIDEROADS
14+75	15+25	RT.	* 1 1/2"	VARIES	VARIES	*TRANSITION CROSS SLOPE FROM APPROX. 6.0% TO 2.00%	61	
15+25	16+75	RT.	* 1 1/2"	VARIES	*2.00%		181	
16+75	24+35	RT.	VARIES	VARIES	*2.00%	*C/L TO FOLLOW PROPOSED VERT. PROFILE	1063	
24+35	25+00	RT.	* 0	VARIES	*2.00%		61	
25+00	26+35	RT.	0	* 1 1/2"	*2.00%		104	INCLUDES ROOSEVELT
26+35	29+25	RT.	* 0	VARIES	*2.00%		346	
29+25	30+75	RT.	-	-	-	NO MILLING	0	
30+75	32+70	RT.	* 0	VARIES	*2.00%		313	INCLUDES WOODLAND DRIVE
32+70	33+50	RT.	-	-	-	NO MILLING	0	
33+50	34+70	RT.	* 0	VARIES	*2.00%		114	
34+70	35+00	RT.	VARIES	VARIES	VARIES	*SEE TRANSITION DETAIL	34	
35+00	36+48.33	RT.	*2"	*2"	VARIES		343	
2+57	16+75	LT.	* 1 1/2"	* 1 1/2"	MATCH EXISTING	CROSS SLOPE VARIES 1.50% TO 4.00%	3350	INCLUDES SIDEROADS
16+75	17+74.50	LT.	VARIES	* 1 1/2"	*2.00% (MAX IN TRAFFIC LANE)	*C/L TO FOLLOW PROPOSED VERT. PROFILE	161	INCLUDES PARK LN.
17+74.50	18+50	LT.	-	-	-	NO MILLING	0	
18+50	19+75	LT.	VARIES	VARIES	*2.00%	*C/L TO FOLLOW PROPOSED VERT. PROFILE	79	
19+75	20+50	LT.	-	-	-	NO MILLING	0	
20+50	22+60	LT.	VARIES	VARIES	*2.00%	*C/L TO FOLLOW PROPOSED VERT. PROFILE	114	
22+60	26+50	LT.	-	-	-	NO MILLING	0	
26+50	27+25	LT.	* 0	0	*VARIES	*SEE CROSS SECTIONS	63	
27+25	27+75	LT.	-	-	-	NO MILLING	0	
27+75	32+00	LT.	* 0	VARIES	*2.00%		366	INCLUDES GRAND AVE.
32+00	32+40	LT.	-	-	-	NO MILLING	0	
32+40	33+50	LT.	* 0	VARIES	*2.00%		132	INCLUDES ILLINOIS AVE.
33+50	34+70	LT.	-	-	-	NO MILLING	0	
34+70	35+00	LT.	VARIES	VARIES	VARIES	*SEE TRANSITION DETAIL	0	
35+00	36+48.33	LT.	*2"	*2"	VARIES		169	
ANGLE PARKING AREA.								
21+25	22+40	RT.	-	*3"	*1.50%	FOLLOW PROPOSED GUTTER	0	
WILSON AVE.								
8+60	8+75	BOTH	VARIES	VARIES	VARIES	TRANSITION TO 3" BUTT JT. (SEE CROSS SECTIONS)	43	FULL WIDTH
PERSHING AVE.								
6+90	8+50	BOTH	VARIES	VARIES	VARIES	TRANSITION TO 3" BUTT JT. (SEE CROSS SECTIONS)	197	
ROOSEVELT AVE.								
0+42	0+32	BOTH	VARIES	VARIES	VARIES	TRANSITION TO 1-1/2" BUTT JT. (SEE CROSS SECTIONS)	Included Above	FULL WIDTH
TOTAL:							9433	

* THESE ITEMS CONTROL

GUARDRAIL SCHEDULE

LOCATION	GUARDRAIL REMOVAL (FOOT)	GUARDRAIL REMOVAL (SPECIAL) (FOOT)	SPBGR, TY. A, 6 FOOT POSTS (FOOT)	WEAK POST GUARDRAIL ATTACHED TO CULVERT (FOOT)	STRONG POST GUARDRAIL ATTACHED TO CULVERT (FOOT)	TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL TY. 1 SPECIAL (TANGENT), MODIFIED (EACH)
STA. 26+43 TO 26+98 LT.	42.5	12.5					
STA. 26+23.5 TO 26+61 LT.				12.5			1
STA. 26+61 TO 26+73.5 LT.							
STA. 26+73.5 TO 26+98.5 LT.			25				
STA. 26+98.5 TO 27+48.5 LT.						1	
STA. 26+37 TO 26+92 RT.	42.5	12.5					
STA. 26+11 TO 26+61 RT.						1	
STA. 26+61 TO 26+73.5 RT.					12.5		
STA. 26+73.5 TO 27+23.5 RT.						1	
TOTALS	85	25	25	12.5	12.5	3	1

MAILBOX SCHEDULE

LOCATION / STATION	RELOCATE EXISTING MAILBOX
6TH ST / 32+00 LT.	1
WILSON AVE. / 9+10 RT.	1
PERSHING AVE. / 7+00 LT.	1
PERSHING AVE. / 7+90 LT.	1
PERSHING AVE. / 8+60 LT.	1
PERSHING AVE. / 9+05 LT.	1
TOTAL:	6 EACH

PAVEMENT MARKING SCHEDULE

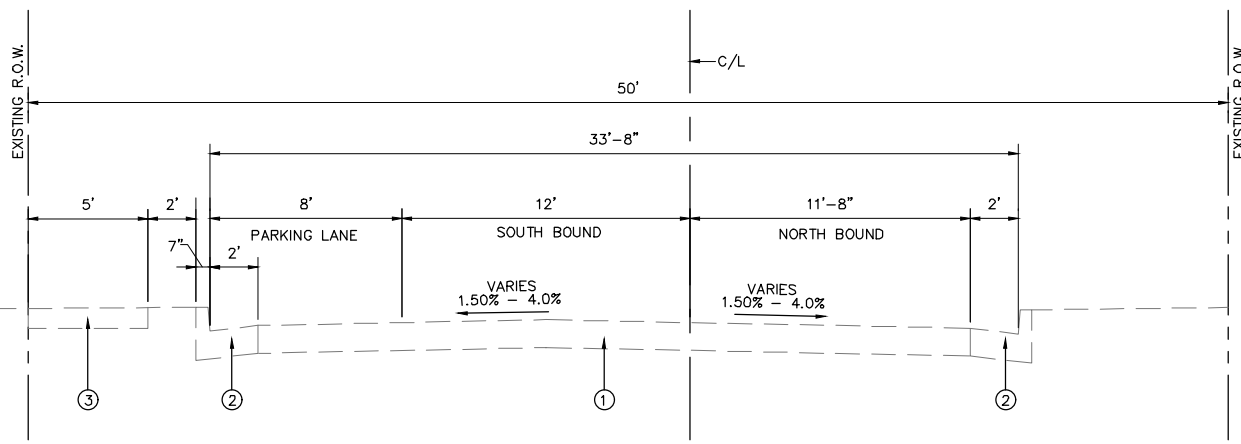
ITEM	QUANTITY	UNIT
THERMOPLASTIC PAVEMENT MARKING -- LINE 4" (WHITE)	4,241	FOOT
THERMOPLASTIC PAVEMENT MARKING -- LINE 4" (YELLOW)	6,601	FOOT
TOTAL 4"	10,842	FOOT
THERMOPLASTIC PAVEMENT MARKING -- LINE 6" (WHITE)	316	FOOT
TOTAL 6"	316	FOOT
THERMOPLASTIC PAVEMENT MARKING -- LINE 12" (WHITE)	238	FOOT
TOTAL 12"	238	FOOT
THERMOPLASTIC PAVEMENT MARKING -- LINE 24" (WHITE)	81	FOOT
TOTAL 24"	81	FOOT
THERMOPLASTIC PAVEMENT MARKING -- LETTERS AND SYMBOLS (WHITE)	7	SQ. FT.
TOTAL LETTERS AND SYMBOLS	7	SQ. FT.

REVISIONS

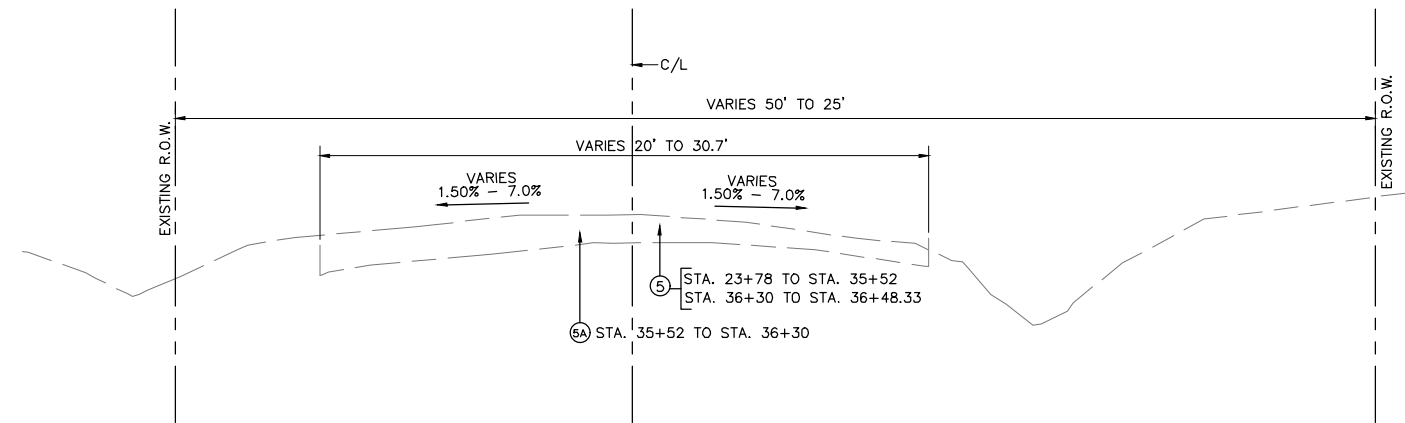
SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2715 Market Street, Alton, IL 62002 618/465-9755 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 SCHEDULES

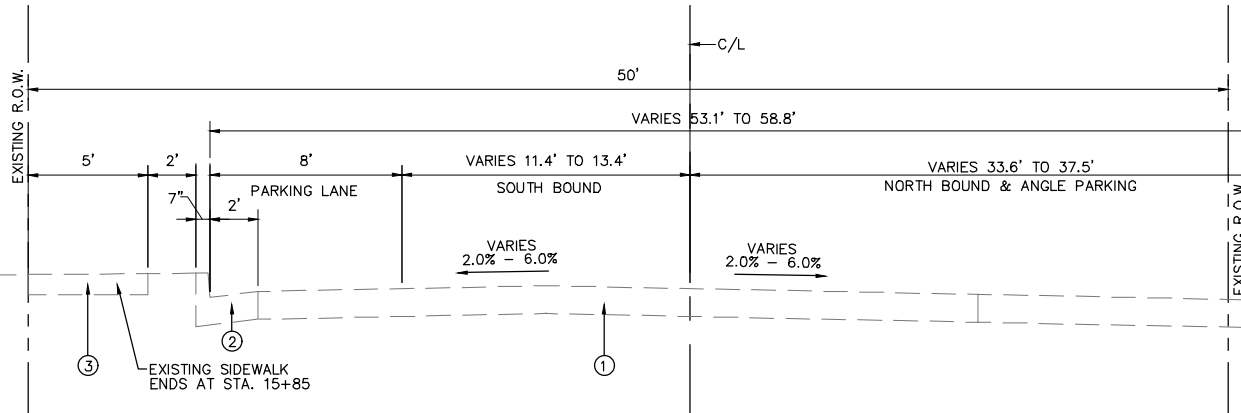
CONTRACT NO.
 97664
 WR 6TH ST SCHEDULES.DWG
 REF. BK. PG.
 JOB NO. 489052.1
 DSN. BY: DEG
 DWN. BY: JK
 CHK. BY: DEG
 DATE: NOV. 2017
 SCALE: NONE
 SHEET 4.2 OF 65



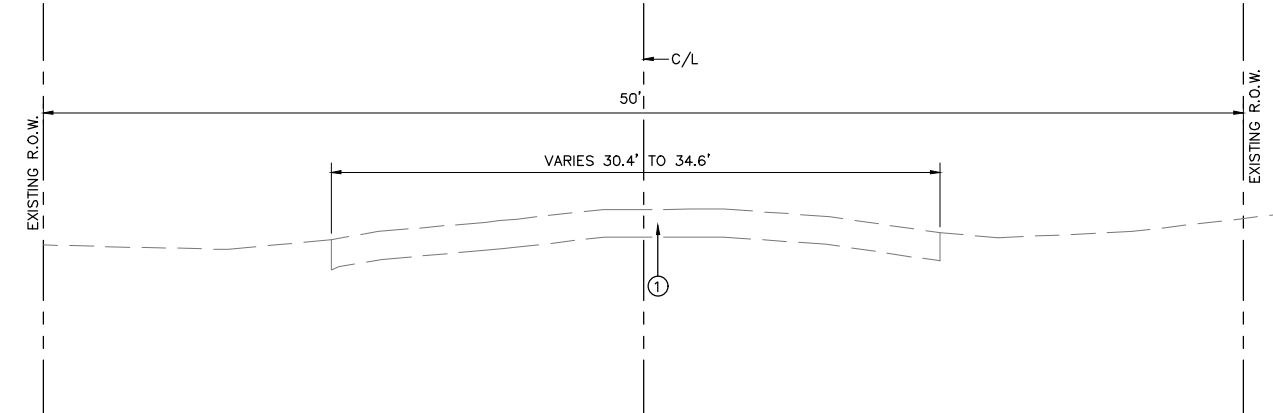
**EXISTING TYPICAL SECTION
6TH ST.**
STA. 2+57 TO STA. 14+59



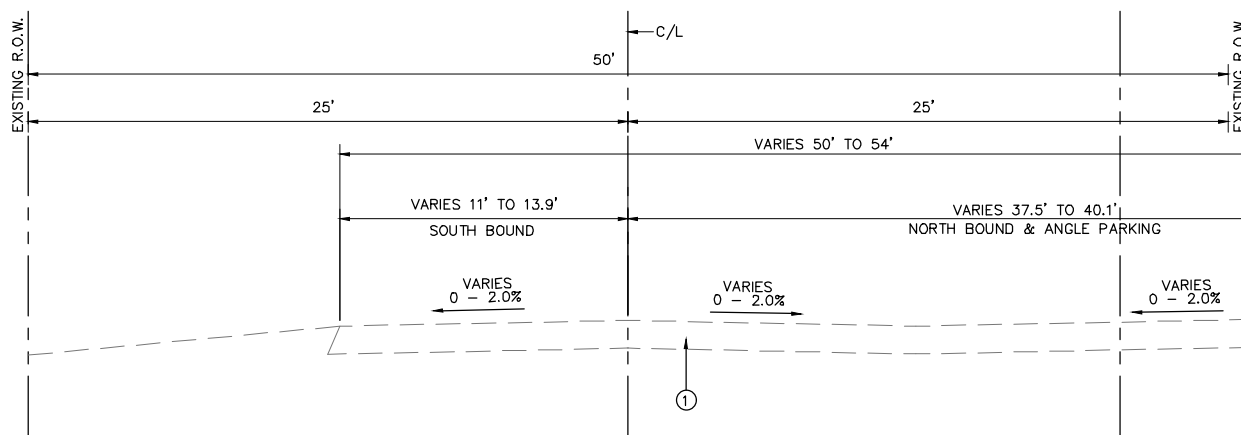
**EXISTING TYPICAL SECTION
6TH ST.**
STA. 23+78 TO STA. 36+48.33



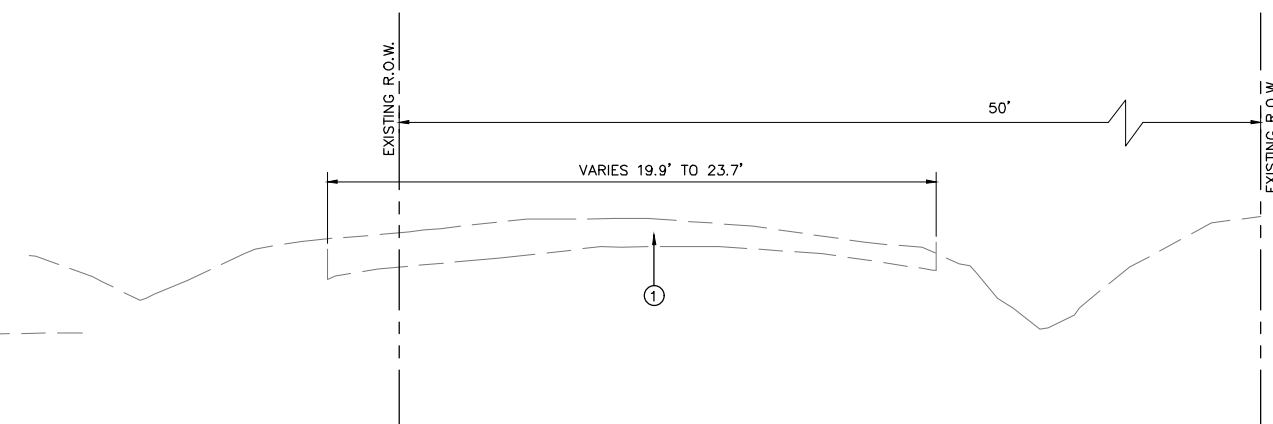
**EXISTING TYPICAL SECTION
6TH ST.**
STA. 14+59 TO STA. 17+65



**EXISTING TYPICAL SECTION
WILSON AVE.**
STA. 8+60 TO STA. 9+89



**EXISTING TYPICAL SECTION
6TH ST.**
STA. 17+65 TO STA. 23+78



**EXISTING TYPICAL SECTION
PERSHING AVE.**
STA. 6+90 TO STA. 9+67.96

PAVING LEGEND

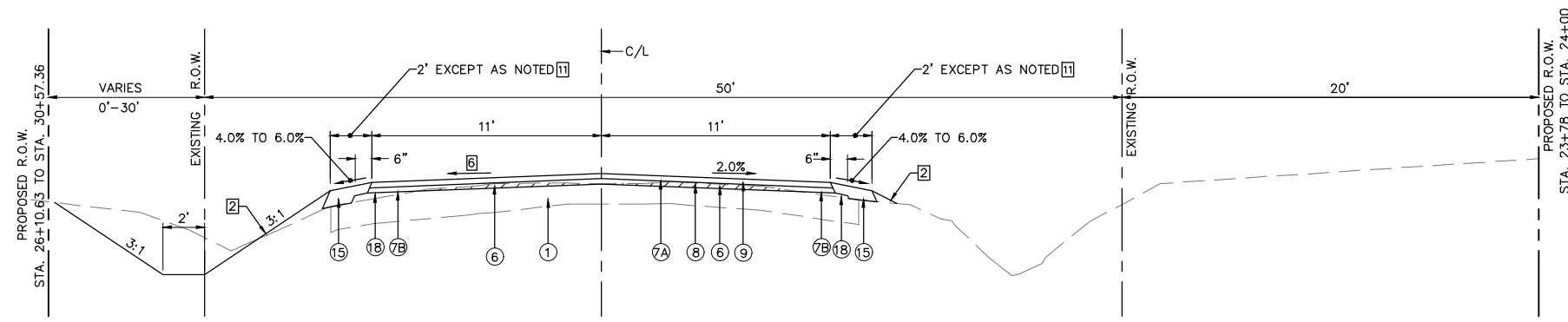
- ① EXISTING OIL & CHIP SURFACE W/ HMA PATCHING AT VARIOUS LOCATIONS
- ② EXISTING CONC. CURB AND GUTTER TYPE B-6.24
- ③ EXISTING P.C.C. SIDEWALK
- ④ EXISTING CONCRETE CURB, TYPE B
- ⑤ EXISTING OIL & CHIP SURFACE
- ⑤A EXISTING HMA SURFACE

REVISIONS

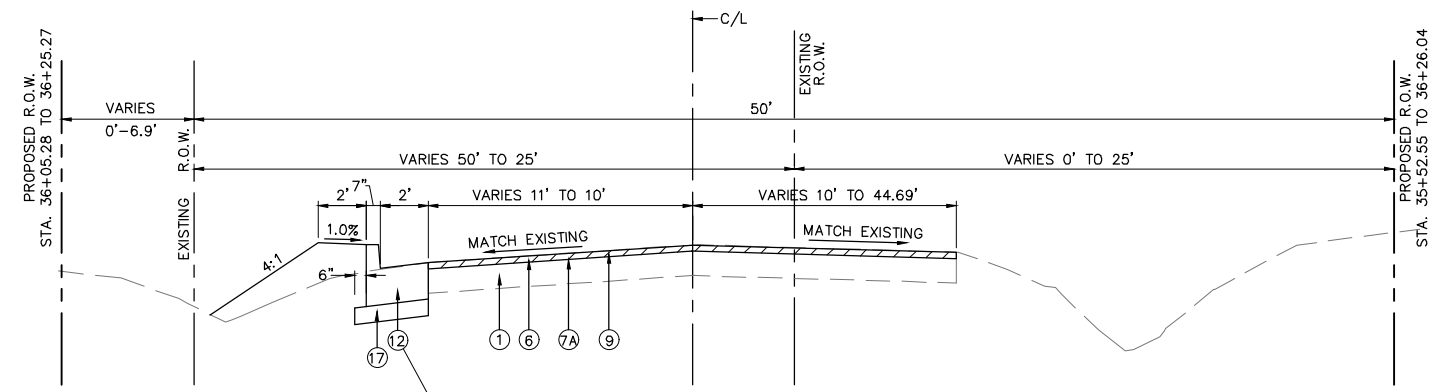
SMS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618-462-9755 E-mail: ms@smsengineers.com
DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
SECTION 14-00051-00-RS
6TH STREET
EXISTING TYPICAL SECTIONS

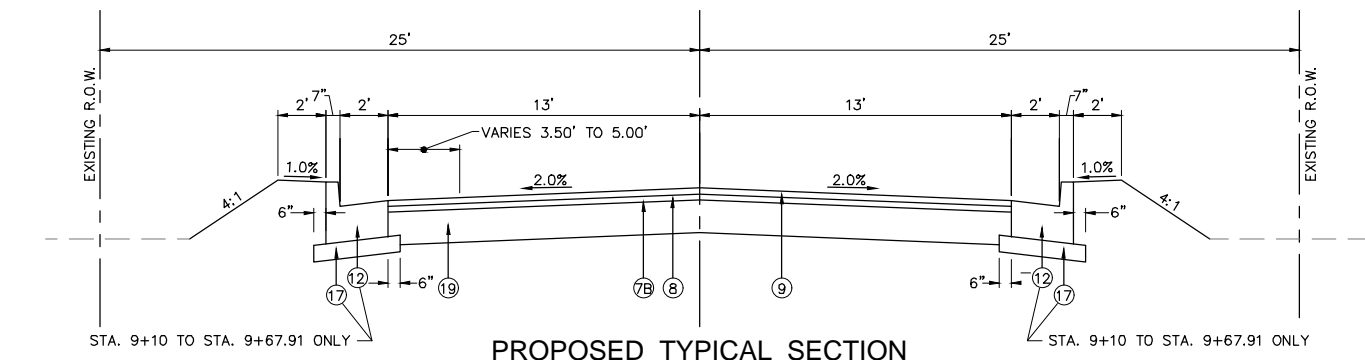
CONTRACT NO.	97664
REF. BK.	PG.
JOB NO.	489052.1
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	NOV. 2017
SCALE:	1"=4'
SHEET	5 OF 65



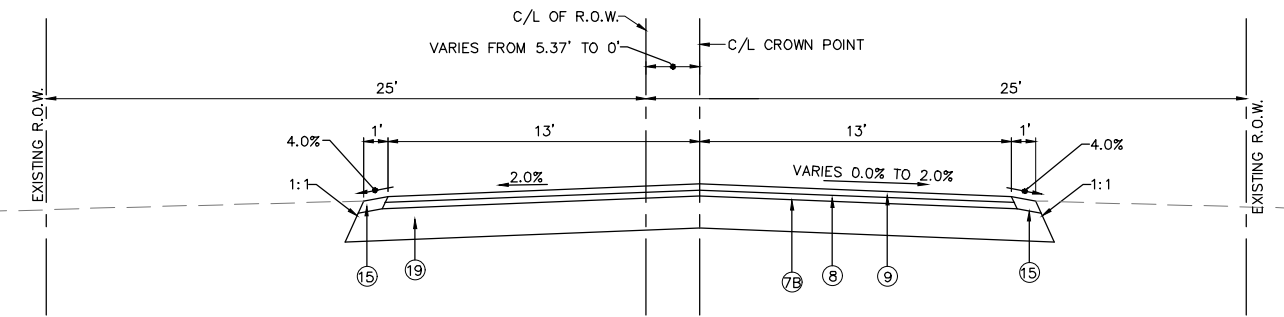
**PROPOSED TYPICAL SECTION
6TH STREET**
STA. 23+78 TO STA. 35+00



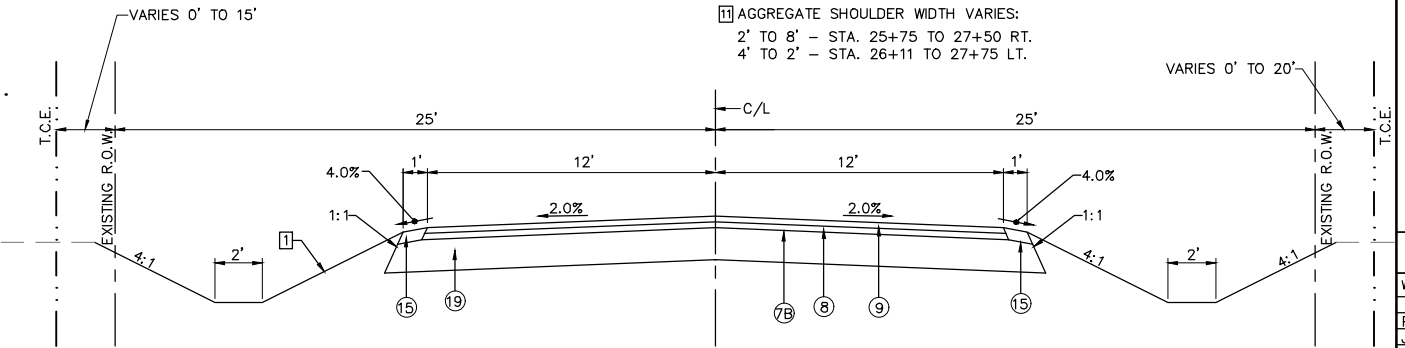
**PROPOSED TYPICAL SECTION
6TH STREET**
STA. 35+00 TO STA. 36+48.33



**PROPOSED TYPICAL SECTION
WILSON AVENUE**
STA. 9+10 TO STA. 9+89



**PROPOSED TYPICAL SECTION
WILSON AVENUE**
STA. 8+60 TO STA. 9+10



**PROPOSED TYPICAL SECTION
PERSHING AVENUE**
STA. 6+90 TO STA. 9+67.96

PAVING LEGEND

- ① EXISTING OIL & CHIP SURFACE W/ HMA PATCHING AT VARIOUS LOCATIONS
- ② EXISTING CONC. CURB AND GUTTER TYPE B-6.24
- ③ EXISTING P.C.C. SIDEWALK
- ④ EXISTING CONCRETE CURB, TYPE B
- ⑤ EXISTING OIL & CHIP SURFACE
- ⑤A EXISTING HMA SURFACE
- ⑥ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH SHOWN AS
- ⑦A PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ⑦B PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑧ PROPOSED LEVELING BINDER (MACHINE METHOD), N 70 (1 1/2")
- ⑨ PROPOSED HMA SURFACE COURSE, MIX "C", N 70 (1 1/2")
- ⑩ PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.12 (9" THICK)
- ⑪ PROPOSED P.C.C. SIDEWALK, 4 INCH
- ⑫ PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24 (9" THICK)
- ⑬ PROPOSED CONC. GUTTER (SPECIAL)
- ⑭ PROPOSED CONC. CURB, TYPE B
- ⑮ PROPOSED SHOULDERS SPECIAL, (6" MAXIMUM DEPTH)
- ⑯ PROPOSED AGGREGATE BASE COURSE, TYPE A 6" (PAVEMENT REMOVAL STA. 18+23.91 TO STA. 19+11)
- ⑰ PROPOSED AGGREGATE BASE COURSE, TYPE A 4"
- ⑱ PROPOSED GRADING AND SHAPING SPECIAL. USE AN EXTRA PASS OF LEVELING BINDER IN THE PARKING AREA FROM STA. 16+75 TO STA. 18+40
- ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE A 8" NOT ALWAYS FULL WIDTH. SEE CROSS SECTIONS FOR WIDTH.

TYPICAL SECTION NOTES

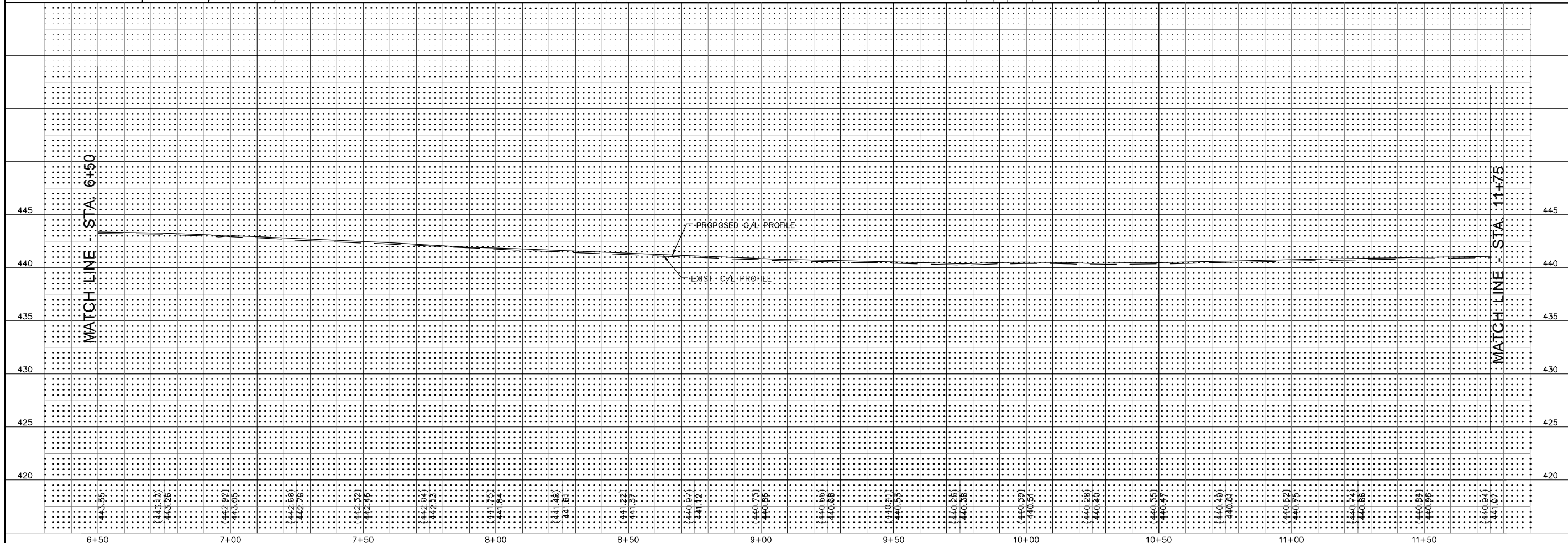
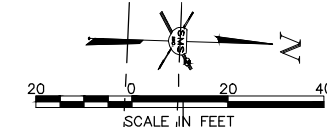
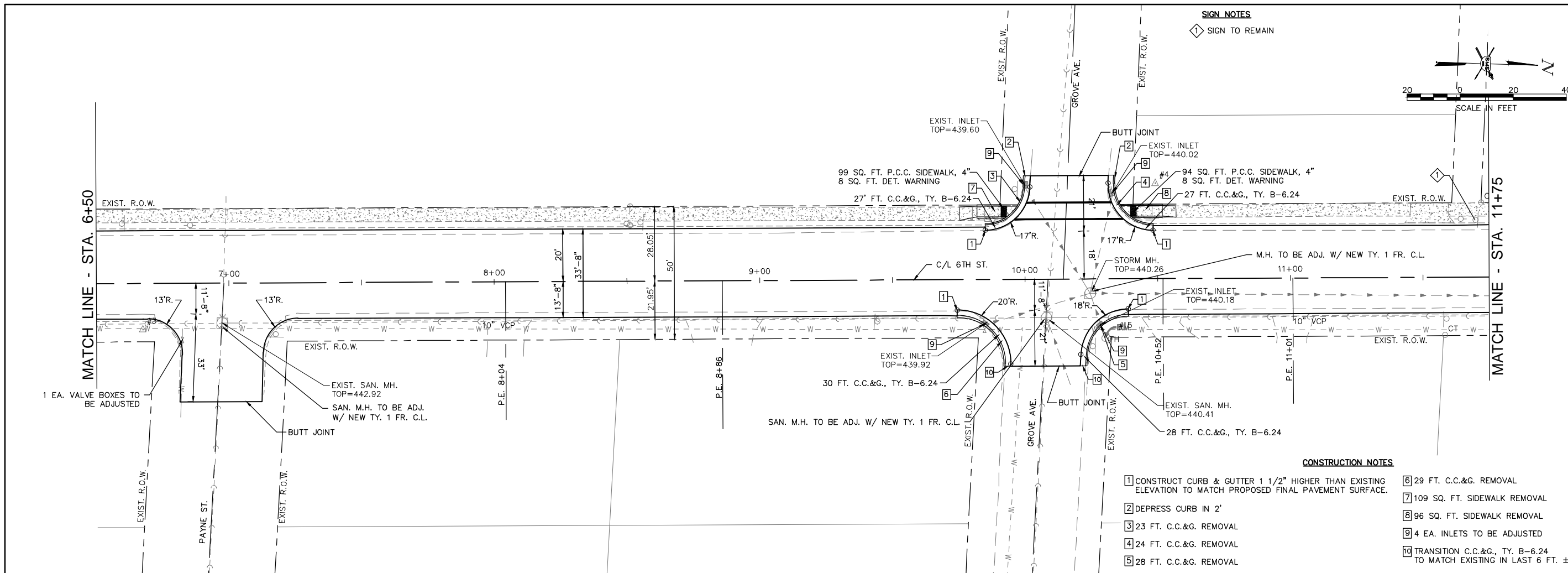
- [1] SEE CROSS SECTIONS FOR GRADING. TYPICAL SLOPE IS 4:1 WITH 3:1 MAXIMUM.
- [2] SEE CROSS SECTIONS FOR GRADING. TYPICAL SLOPE 3:1
- [3] THIS WIDTH VARIES. SEE CROSS SECTIONS.
- [4] PAVEMENT CROSS SLOPE: RIGHT SIDE:
STA. 14+75 TO STA. 15+25 - TRANSITION FROM 5.3% TO 2.0%
STA. 15+25 TO STA. 17+90 - 2.0%
- [5] PAVEMENT CROSS SLOPE: LEFT SIDE:
STA. 14+75 TO STA. 17+15 - MATCH EXISTING
STA. 17+15 TO STA. 17+90 - 2.0% IN SOUTH BOUND LANE PARKING LANE VARIES TO MATCH C.&G.
- [6] PAVEMENT CROSS SLOPE: LEFT SIDE:
STA. 23+78 TO STA. 26+00 - 2.0%
STA. 26+00 TO STA. 26+50 - TRANSITION 2.0% TO 3.60%
STA. 26+50 TO STA. 27+00 - 3.60% (AT CULVERT)
STA. 27+00 TO STA. 27+50 - TRANSITION 3.60% TO 2.0%
STA. 27+50 TO STA. 35+00 - 2.0%
- [7] PARKING AREA CROSS SLOPE RIGHT SIDE:
STA. 14+75 TO STA. 15+75 - SPECIAL C.&G. GRADES - VARIES FROM 0.57% TO 2.3% SEE CROSS SECTIONS
STA. 15+75 TO STA. 16+75 - 2.0%
STA. 16+75 TO STA. 17+00 - SPECIAL C.&G. GRADES - VARIES FROM 2.0% TO 1.0% SEE CROSS SECTIONS
STA. 17+00 TO STA. 18+48 - 1.0%
- [8] PARKING AREA CROSS SLOPE RIGHT SIDE:
STA. 18+48 TO STA. 19+50 - SPECIAL C.&G. GRADES - VARIES FROM 1.0% TO 2.50% SEE CROSS SECTIONS
- [9] PARKING AREA CROSS SLOPE RIGHT SIDE:
STA. 19+50 TO STA. 19+95 - SPECIAL C.&G. GRADES - VARIES FROM 1.29% TO 0.00% SEE CROSS SECTIONS
- [10] PARKING AREA CROSS SLOPE RIGHT SIDE:
STA. 19+95 TO STA. 20+25 - SPECIAL C.&G. GRADES - VARIES FROM 0.00% TO 1.50% SEE CROSS SECTIONS
STA. 20+25 TO STA. 23+78 - 1.50%
- [11] AGGREGATE SHOULDER WIDTH VARIES:
2' TO 8' - STA. 25+75 TO 27+50 RT.
4' TO 2' - STA. 26+11 TO 27+75 LT.

REVISIONS

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ENGINEERS DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
SECTION 14-00051-00-RS
6TH STREET
PROPOSED TYPICAL SECTIONS

CONTRACT NO. 97664	
WR 6TH ST PROP TYP.DWG	
REF. BK.	PG.
JOB NO. 489052.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: NOV. 2017	
SCALE: 1" = 4' HORZ.	
1" = 2' VERT.	
SHEET 8	OF 65



REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street P.O. Box E, Alton, IL 62002 6184624315 E-mail: ms@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 PLAN AND PROFILE

CONTRACT NO.
 97664

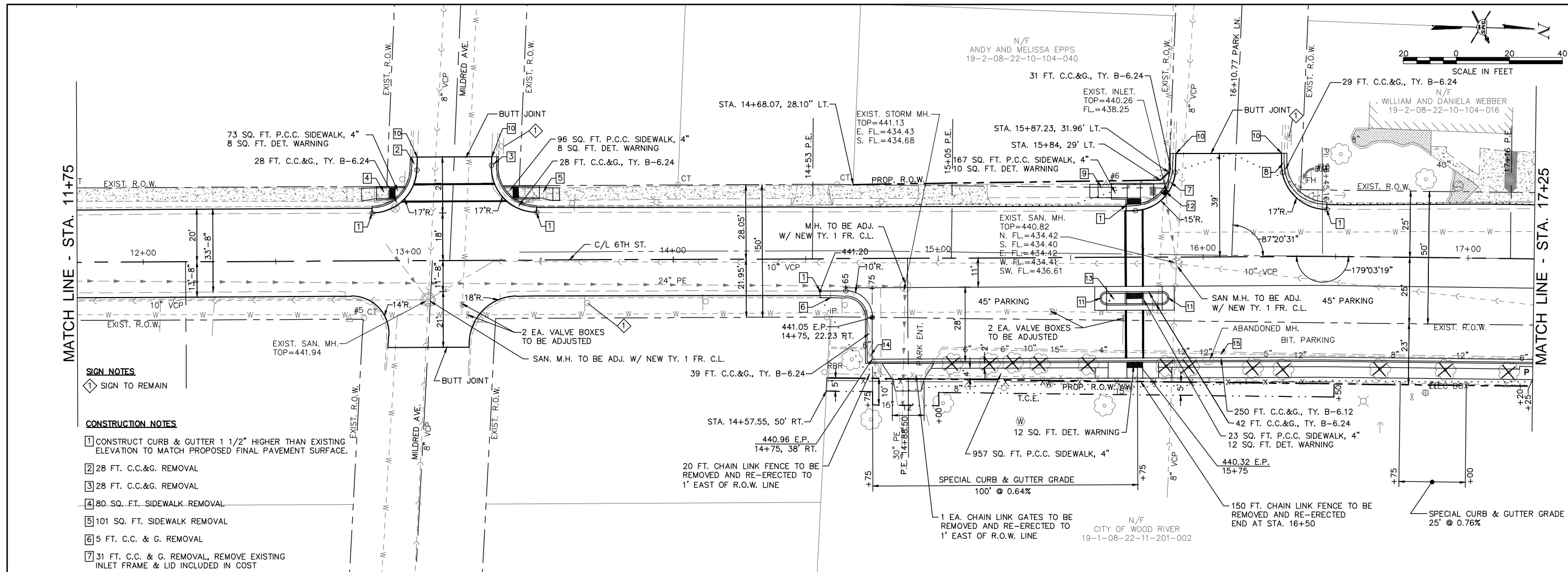
WR 6TH ST PP.DWG

REF. BK. PG.
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 DWN. BY: CDP
 CHK. BY: DEG
 DATE: NOV. 2017

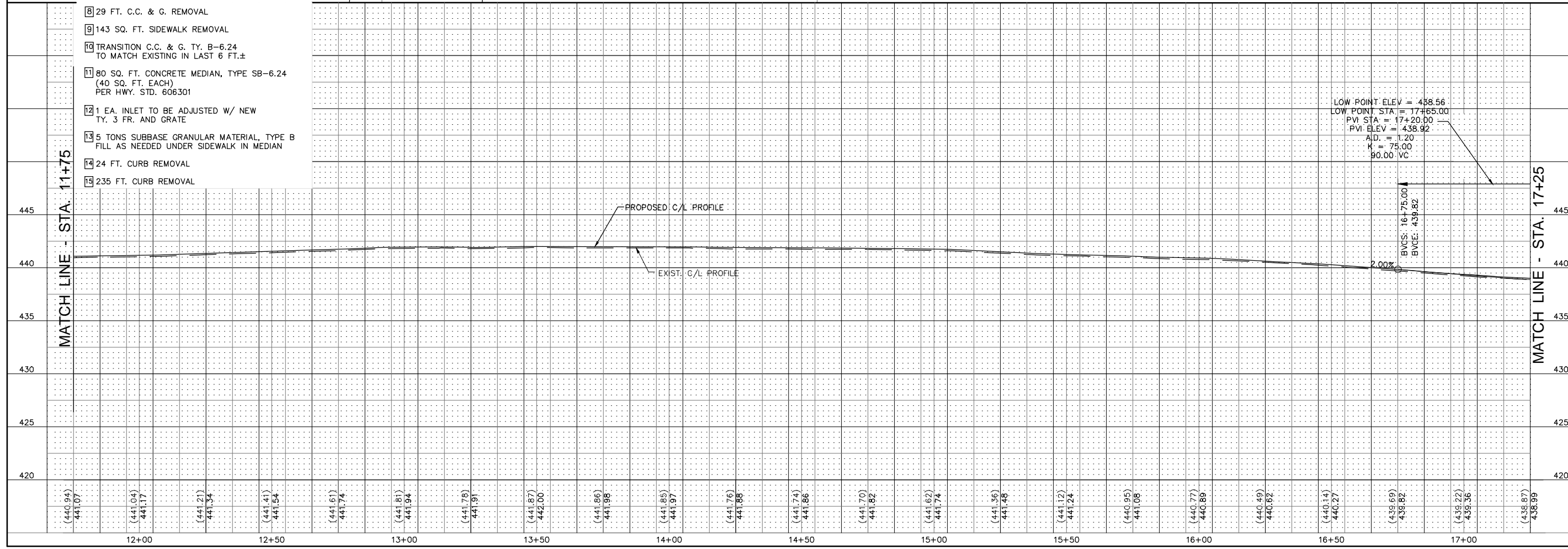
HORZ: 1" = 20'
 SCALE: VERT: 1" = 5'

SHEET 12 OF 65

Q:\CIVIL_3D PROJECTS\WOOD RIVER P.S. (489052.1) 6TH ST IMPROVE\Production Drawings\WR 6TH ST PP.dwg, 12/1/2017 10:38:48 AM, cpruitt, 1:2



- SIGN NOTES**
- ◇ SIGN TO REMAIN
- CONSTRUCTION NOTES**
- CONSTRUCT CURB & GUTTER 1 1/2" HIGHER THAN EXISTING ELEVATION TO MATCH PROPOSED FINAL PAVEMENT SURFACE.
 - 28 FT. C.C.&G. REMOVAL
 - 28 FT. C.C.&G. REMOVAL
 - 80 SQ. FT. SIDEWALK REMOVAL
 - 101 SQ. FT. SIDEWALK REMOVAL
 - 5 FT. C.C. & G. REMOVAL
 - 31 FT. C.C. & G. REMOVAL, REMOVE EXISTING INLET FRAME & LID INCLUDED IN COST
 - 29 FT. C.C. & G. REMOVAL
 - 143 SQ. FT. SIDEWALK REMOVAL
 - TRANSITION C.C. & G. TY. B-6.24 TO MATCH EXISTING IN LAST 6 FT.±
 - 80 SQ. FT. CONCRETE MEDIAN, TYPE SB-6.24 (40 SQ. FT. EACH) PER HWY. STD. 606301
 - 1 EA. INLET TO BE ADJUSTED W/ NEW TY. 3 FR. AND GRATE
 - 5 TONS SUBBASE GRANULAR MATERIAL, TYPE B FILL AS NEEDED UNDER SIDEWALK IN MEDIAN
 - 24 FT. CURB REMOVAL
 - 235 FT. CURB REMOVAL



SCALE IN FEET
0 20 40

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
ENGINEERS CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street P.O. Box E, Alton, IL 62002 6184624315 E-mail: ms@smsengineers.com
DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
SECTION 14-00051-00-RS
6TH STREET
PLAN AND PROFILE

CONTRACT NO. 97664
WR 6TH ST PP.DWG

REF. BK.	PG.
JOB NO. 489052.1	
DSN. BY: DEG	
DWN. BY: GDP	
CHK. BY: DEG	
DATE: NOV. 2017	

HORZ: 1" = 20'
SCALE: VERT: 1" = 5'

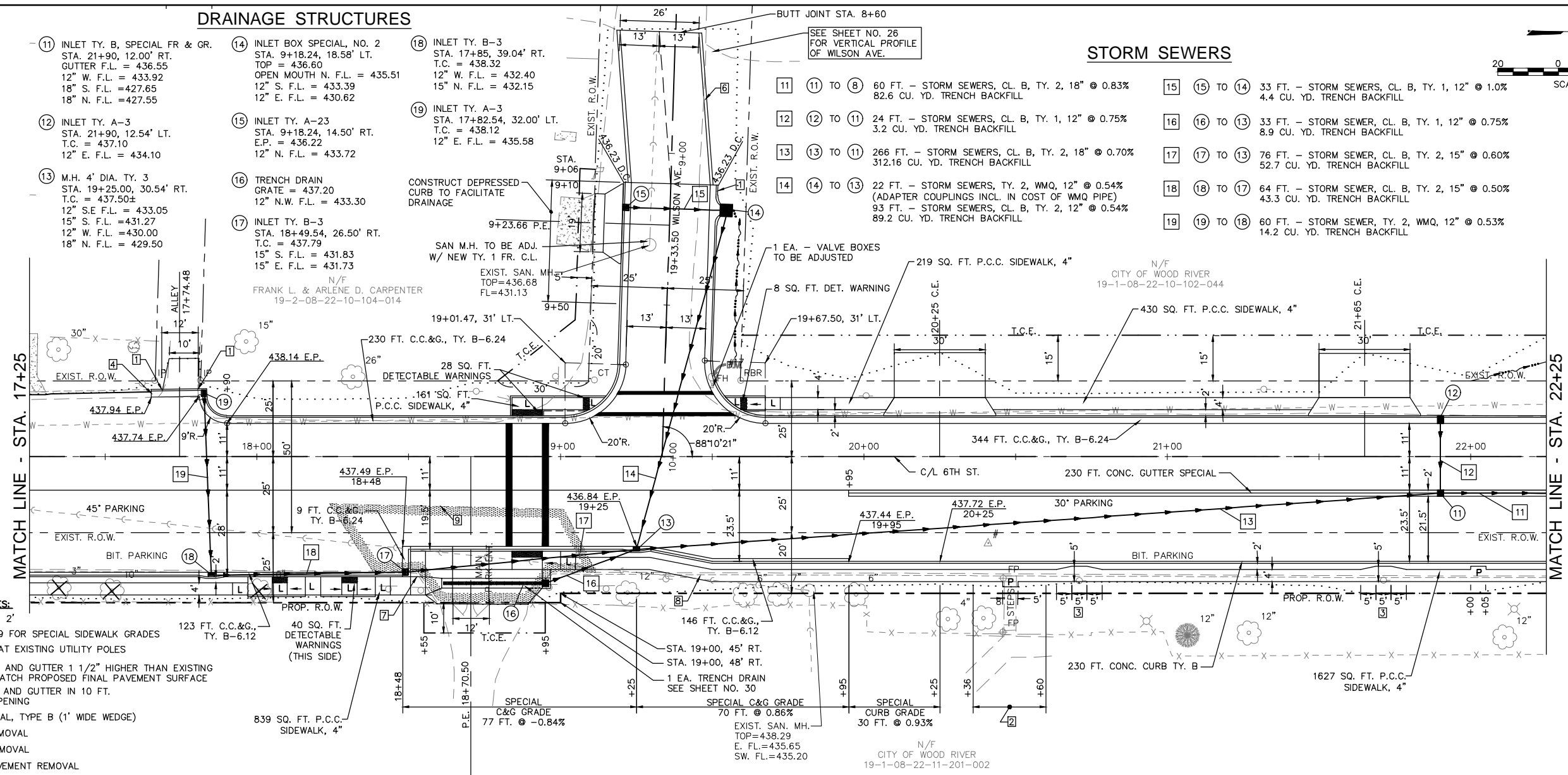
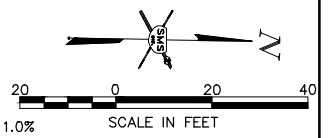
SHEET 13 OF 65

DRAINAGE STRUCTURES

- 11 INLET TY. B, SPECIAL FR & GR.
STA. 21+90, 12.00' RT.
GUTTER F.L. = 436.55
12" W. F.L. = 433.92
18" S. F.L. = 427.65
18" N. F.L. = 427.55
- 12 INLET TY. A-3
STA. 21+90, 12.54' LT.
T.C. = 437.10
12" E. F.L. = 434.10
- 13 M.H. 4' DIA. TY. 3
STA. 19+25.00, 30.54' RT.
T.C. = 437.50±
12" S.E. F.L. = 433.05
15" S. F.L. = 431.27
12" W. F.L. = 430.00
18" N. F.L. = 429.50
- 14 INLET BOX SPECIAL, NO. 2
STA. 9+18.24, 18.58' LT.
TOP = 436.60
OPEN MOUTH N. F.L. = 435.51
12" S. F.L. = 433.39
12" E. F.L. = 430.62
- 15 INLET TY. A-23
STA. 9+18.24, 14.50' RT.
E.P. = 436.22
12" N. F.L. = 433.72
- 16 TRENCH DRAIN
GRATE = 437.20
12" N.W. F.L. = 433.30
- 17 INLET TY. B-3
STA. 18+49.54, 26.50' RT.
T.C. = 437.79
15" S. F.L. = 431.83
15" E. F.L. = 431.73
- 18 INLET TY. B-3
STA. 17+85, 39.04' RT.
T.C. = 438.32
12" W. F.L. = 432.40
15" N. F.L. = 432.15
- 19 INLET TY. A-3
STA. 17+82.54, 32.00' LT.
T.C. = 438.12
12" E. F.L. = 435.58

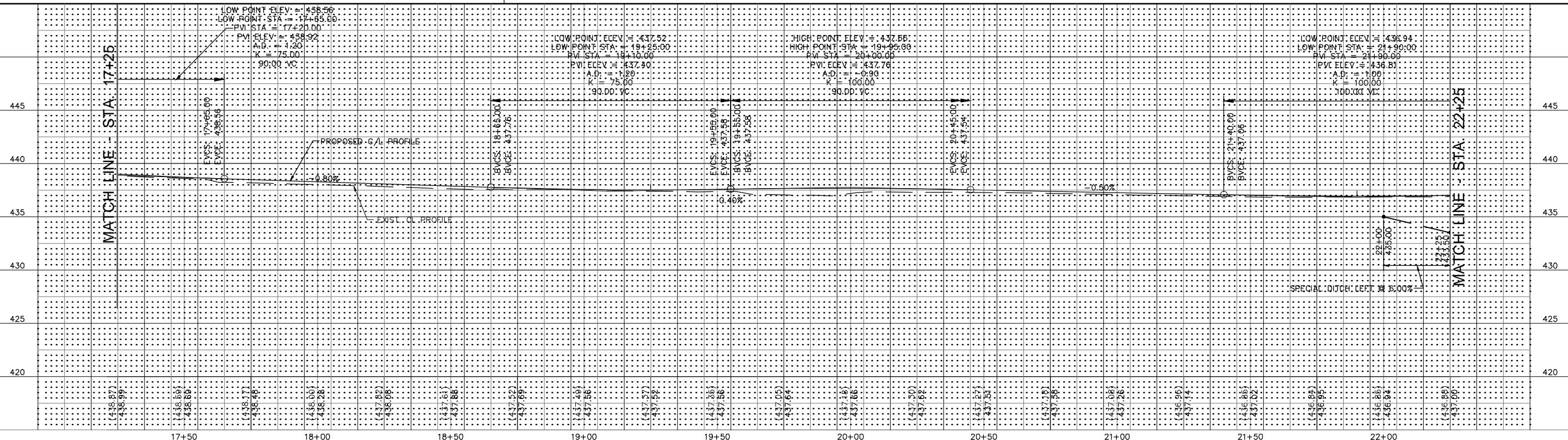
STORM SEWERS

- 11 TO 8 60 FT. - STORM SEWERS, CL. B, TY. 2, 18" @ 0.83%
82.6 CU. YD. TRENCH BACKFILL
- 12 TO 11 24 FT. - STORM SEWERS, CL. B, TY. 1, 12" @ 0.75%
3.2 CU. YD. TRENCH BACKFILL
- 13 TO 11 266 FT. - STORM SEWERS, CL. B, TY. 2, 18" @ 0.70%
312.16 CU. YD. TRENCH BACKFILL
- 14 TO 13 22 FT. - STORM SEWERS, TY. 2, WMQ, 12" @ 0.54%
(ADAPTER COUPLINGS INCL. IN COST OF WMQ PIPE)
93 FT. - STORM SEWERS, CL. B, TY. 2, 12" @ 0.54%
89.2 CU. YD. TRENCH BACKFILL
- 15 TO 14 33 FT. - STORM SEWERS, CL. B, TY. 1, 12" @ 1.0%
4.4 CU. YD. TRENCH BACKFILL
- 16 TO 13 33 FT. - STORM SEWER, CL. B, TY. 1, 12" @ 0.75%
8.9 CU. YD. TRENCH BACKFILL
- 17 TO 13 76 FT. - STORM SEWER, CL. B, TY. 2, 15" @ 0.60%
52.7 CU. YD. TRENCH BACKFILL
- 18 TO 17 64 FT. - STORM SEWER, CL. B, TY. 2, 15" @ 0.50%
43.3 CU. YD. TRENCH BACKFILL
- 19 TO 18 60 FT. - STORM SEWER, TY. 2, WMQ, 12" @ 0.53%
14.2 CU. YD. TRENCH BACKFILL



CONSTRUCTION NOTES:

- 1 DEPRESS CURB IN 2'
- 2 SEE SHEET NO. 29 FOR SPECIAL SIDEWALK GRADES
- 3 WIDEN SIDEWALK AT EXISTING UTILITY POLES
- 4 CONSTRUCT CURB AND GUTTER 1 1/2" HIGHER THAN EXISTING ELEVATIONS TO MATCH PROPOSED FINAL PAVEMENT SURFACE
- 5 TRANSITION CURB AND GUTTER IN 10 FT. TO MEET INLET OPENING
- 6 SHOULDERS SPECIAL, TYPE B (1' WIDE WEDGE)
- 7 140 FT. CURB REMOVAL
- 8 340 FT. CURB REMOVAL
- 9 219 SQ. YDS. PAVEMENT REMOVAL



REVISIONS

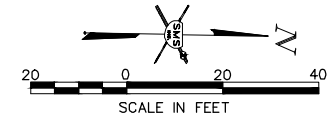
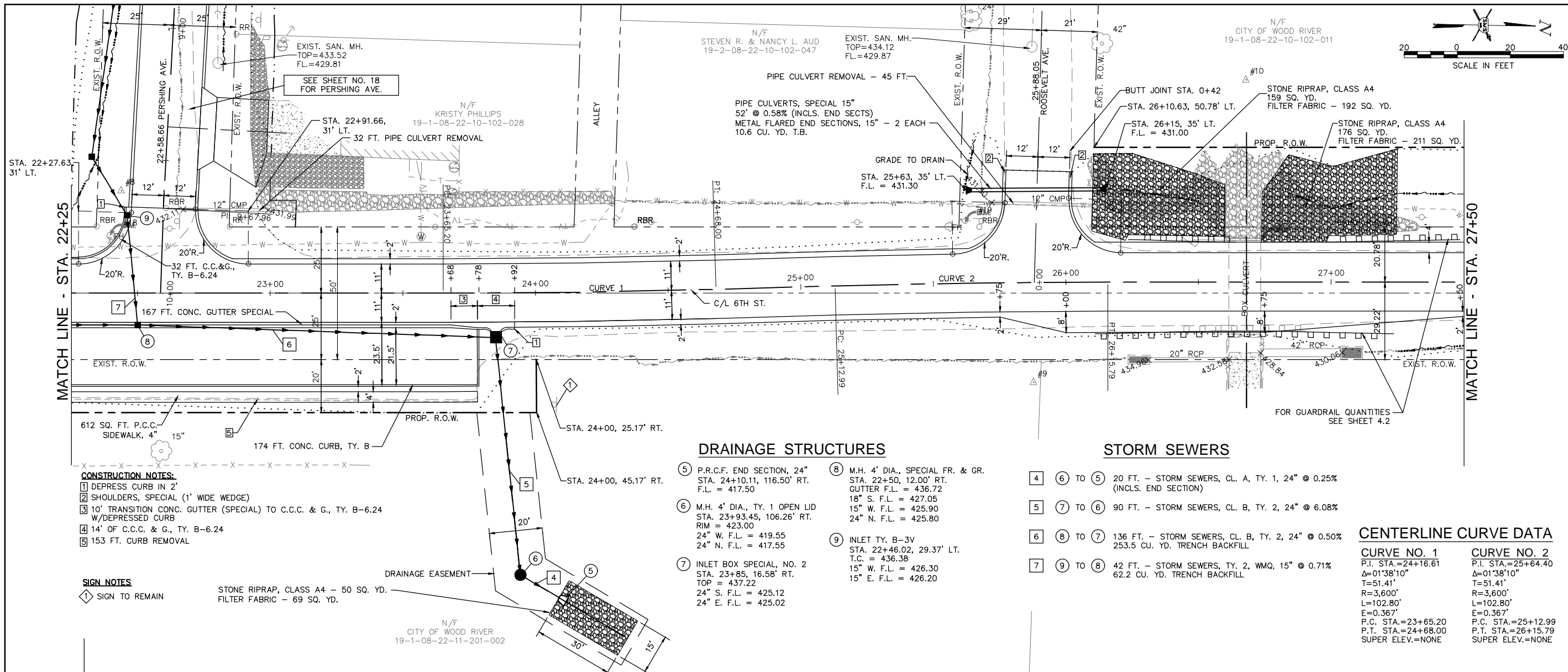
SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
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215 Market Street P.O. Box E, Alton, IL 62002 61846249155 E-mail: ms@smsengineers.com
DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
SECTION 14-00051-00-RS
6TH STREET
PLAN AND PROFILE

CONTRACT NO. 97664
WR 6TH ST PP.DWG

REF. BK.	PG.
JOB NO.	489052.1
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	NOV. 2017
HORIZ. SCALE:	1" = 20'
VERT. SCALE:	1" = 5'

SHEET 14 OF 65



NO.	DESCRIPTION

Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
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SMS ENGINEERS
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 PLAN AND PROFILE

CONTRACT NO. 97664
 WR 6TH ST PP.DWG

REF. BK.	PG.
JOB NO. 489052.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: SEPT. 2017	
HORIZ: 1" = 20'	
SCALE: VERT: 1" = 5'	

SHEET 15 OF 65

DRAINAGE STRUCTURES

- ⑤ P.R.C.F. END SECTION, 24" STA. 24+10.11, 116.50' RT. F.L. = 417.50
- ⑥ M.H. 4' DIA., TY. 1 OPEN LID STA. 23+93.45, 106.26' RT. RIM = 423.00 24" W. F.L. = 419.55 24" N. F.L. = 417.55
- ⑦ INLET BOX SPECIAL, NO. 2 STA. 23+85, 16.58' RT. TOP = 437.22 24" S. F.L. = 425.12 24" E. F.L. = 425.02
- ⑧ M.H. 4' DIA., SPECIAL FR. & GR. STA. 22+50, 12.00' RT. GUTTER F.L. = 436.72 18" S. F.L. = 427.05 15" W. F.L. = 425.90 24" N. F.L. = 425.80
- ⑨ INLET TY. B-3V STA. 22+46.02, 29.37' LT. T.C. = 436.38 15" W. F.L. = 426.30 15" E. F.L. = 426.20

STORM SEWERS

- ④ ⑥ TO ⑤ 20 FT. - STORM SEWERS, CL. A, TY. 1, 24" @ 0.25% (INCL. END SECTION)
- ⑤ ⑦ TO ⑥ 90 FT. - STORM SEWERS, CL. B, TY. 2, 24" @ 6.08%
- ⑥ ⑧ TO ⑦ 136 FT. - STORM SEWERS, CL. B, TY. 2, 24" @ 0.50% 253.5 CU. YD. TRENCH BACKFILL
- ⑦ ⑨ TO ⑧ 42 FT. - STORM SEWERS, TY. 2, WMQ, 15" @ 0.71% 62.2 CU. YD. TRENCH BACKFILL

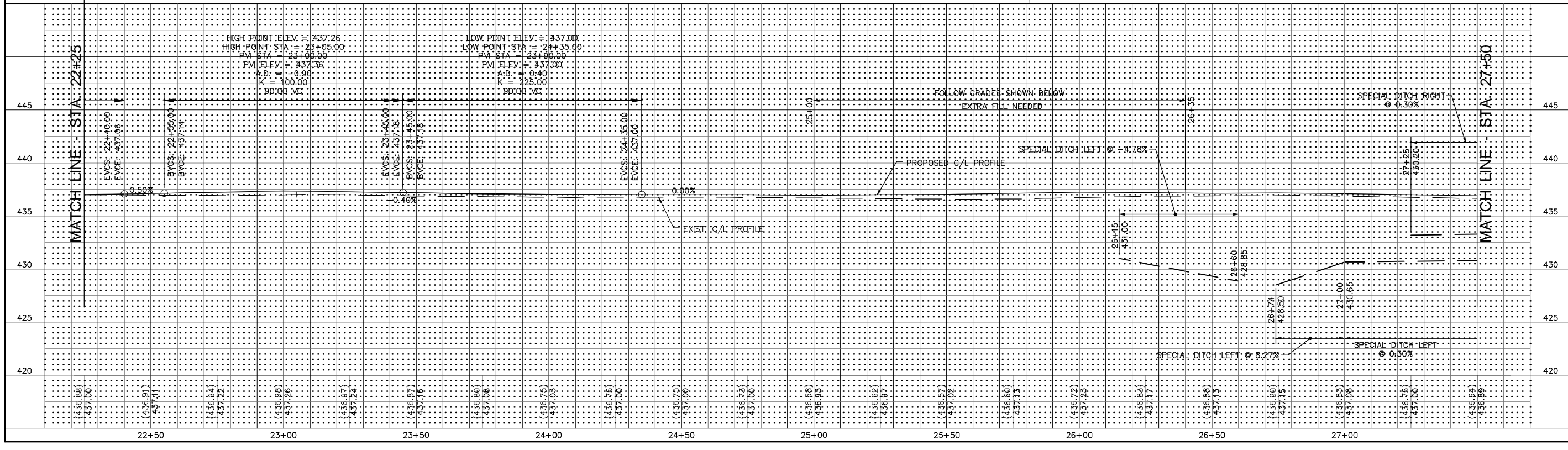
CENTERLINE CURVE DATA

CURVE NO. 1	CURVE NO. 2
P.I. STA. = 24+16.61	P.I. STA. = 25+64.40
Δ = 01°38'10"	Δ = 01°38'10"
T = 51.41'	T = 51.41'
R = 3,600'	R = 3,600'
L = 102.80'	L = 102.80'
E = 0.367'	E = 0.367'
P.C. STA. = 23+65.20	P.C. STA. = 25+12.99
P.T. STA. = 24+68.00	P.T. STA. = 26+15.79
SUPER ELEV. = NONE	SUPER ELEV. = NONE

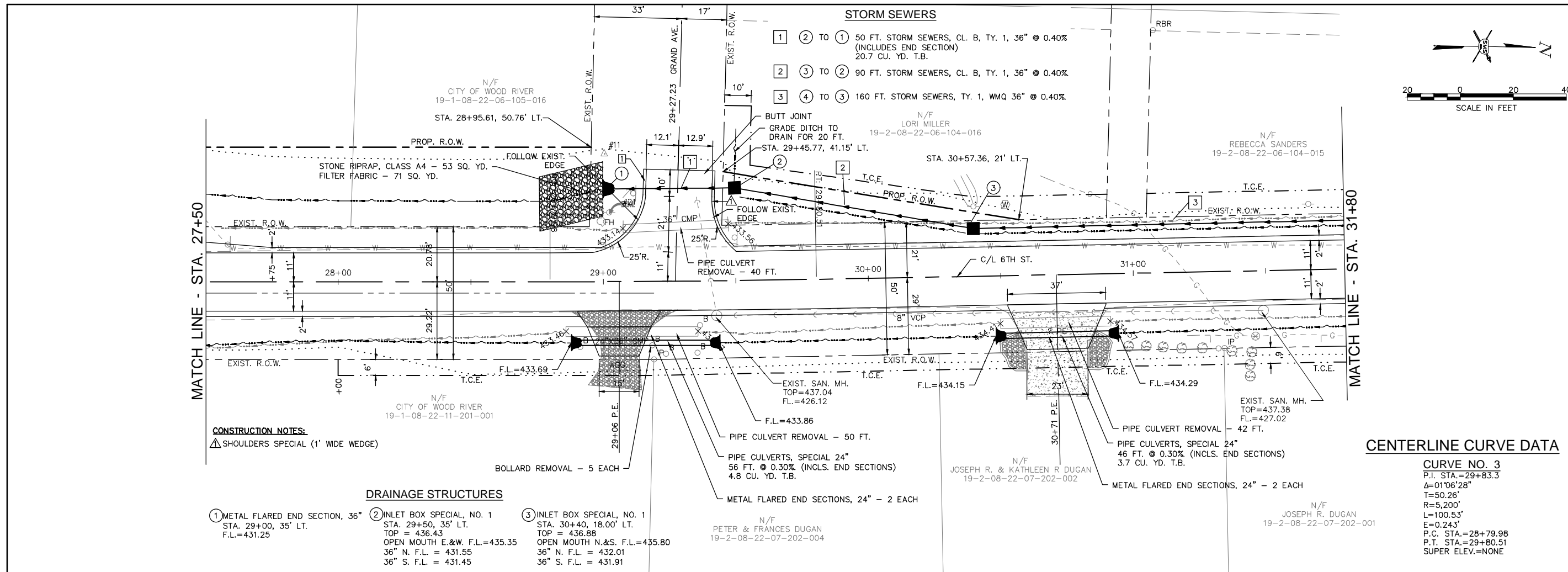
- CONSTRUCTION NOTES:**
- ① DEPRESS CURB IN 2'
 - ② SHOULDERS, SPECIAL (1' WIDE WEDGE)
 - ③ 10' TRANSITION CONC. GUTTER (SPECIAL) TO C.C.C. & G., TY. B-6.24 W/DEPRESSED CURB
 - ④ 14' OF C.C.C. & G., TY. B-6.24
 - ⑤ 153 FT. CURB REMOVAL

- SIGN NOTES**
- ① SIGN TO REMAIN

STONE RIPRAP, CLASS A4 - 50 SQ. YD.
 FILTER FABRIC - 69 SQ. YD.



Q:\CIVIL_3D PROJECTS\WOOD RIVER P.S. (489052.1) 6TH ST IMPROVE\Production Drawings\WR 6TH ST PP.dwg, 12/1/2017 10:29:09 AM, cpruit, 1:2

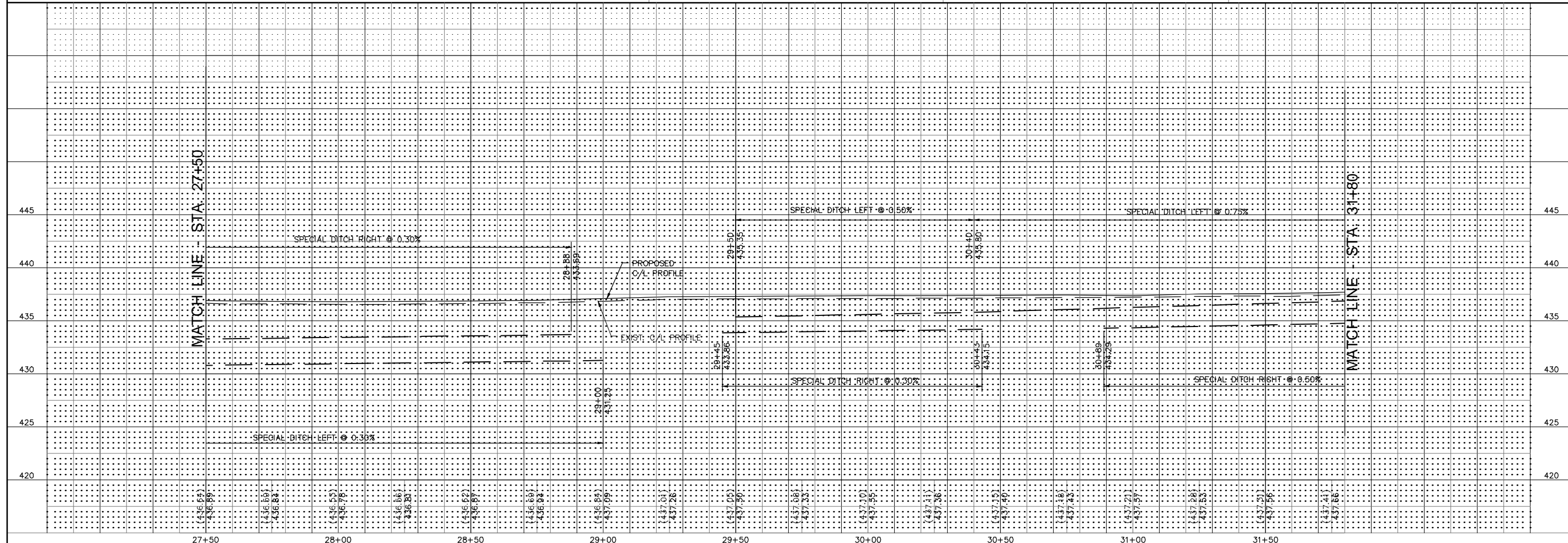


CONSTRUCTION NOTES:
 1. SHOULDERS SPECIAL (1' WIDE WEDGE)

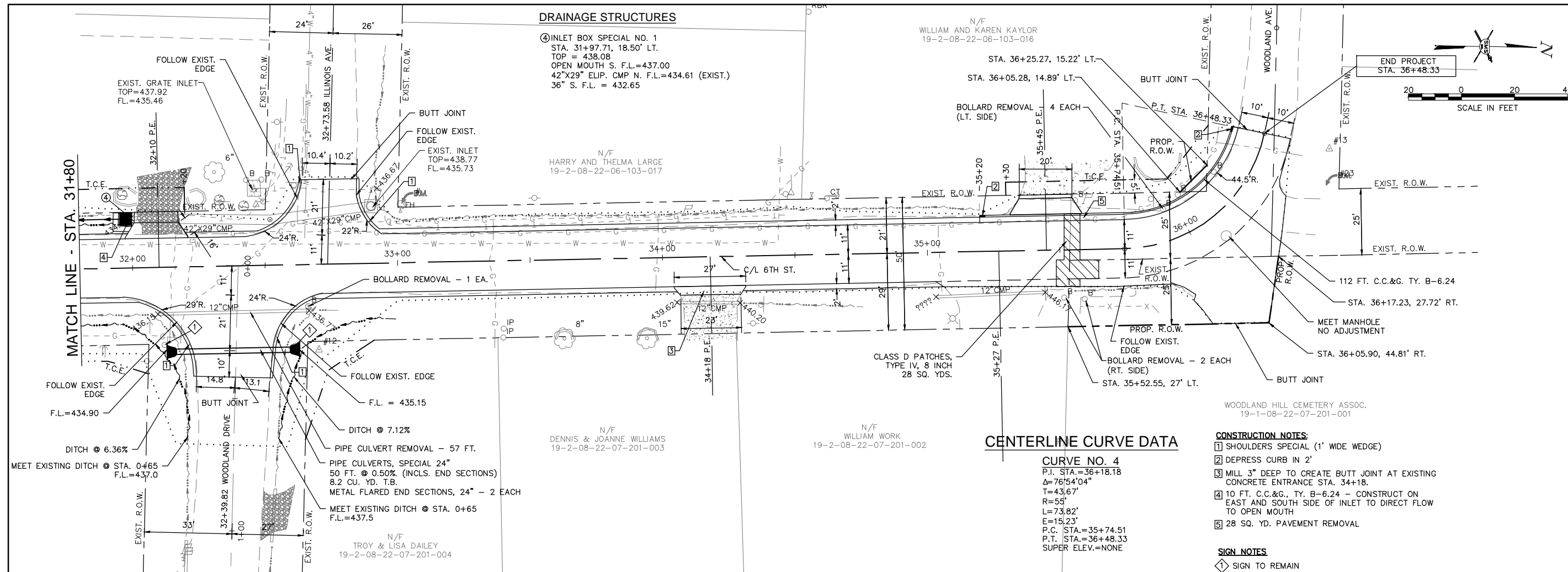
- DRAINAGE STRUCTURES**
- 1 METAL FLARED END SECTION, 36" STA. 29+00, 35' LT. F.L.=431.25
 - 2 INLET BOX SPECIAL, NO. 1 STA. 29+50, 35' LT. TOP = 436.43 OPEN MOUTH E.&W. F.L.=435.35 36" N. F.L. = 431.55 36" S. F.L. = 431.45
 - 3 INLET BOX SPECIAL, NO. 1 STA. 30+40, 18.00' LT. TOP = 436.88 OPEN MOUTH N.&S. F.L.=435.80 36" N. F.L. = 432.01 36" S. F.L. = 431.91

CENTERLINE CURVE DATA

CURVE NO. 3
 P.I. STA.=29+83.3
 $\Delta=01^{\circ}06'28''$
 T=50.26'
 R=5,200'
 L=100.53'
 E=0.243'
 P.C. STA.=28+79.98
 P.T. STA.=29+80.51
 SUPER ELEV.=NONE



<p>REVISIONS</p>	<p>SMS Sheppard, Morgan & Schwaab, Inc. CONSULTING ENGINEERS AND LAND SURVEYORS 215 Market Street, P.O. Box E, Alton, IL 62002 6184624315 E-mail: ms@smsengineers.com ENGINEERS DESIGN FIRM # 184-000992</p>												
<p>CITY OF WOOD RIVER, ILLINOIS SECTION 14-00051-00-RS 6TH STREET PLAN AND PROFILE</p>													
<p>CONTRACT NO. 97664 WR 6TH ST PP.DWG</p>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>REF. BK.</td> <td>PG.</td> </tr> <tr> <td>JOB NO. 489052.1</td> <td></td> </tr> <tr> <td>DSN. BY: DEG</td> <td></td> </tr> <tr> <td>DWN. BY: CDP</td> <td></td> </tr> <tr> <td>CHK. BY: DEG</td> <td></td> </tr> <tr> <td>DATE: NOV. 2017</td> <td></td> </tr> </table>		REF. BK.	PG.	JOB NO. 489052.1		DSN. BY: DEG		DWN. BY: CDP		CHK. BY: DEG		DATE: NOV. 2017	
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DATE: NOV. 2017													
<p>HORZ: 1" = 20' SCALE: VERT: 1" = 5'</p>													
<p>SHEET 16 OF 65</p>													



DRAINAGE STRUCTURES

④ INLET BOX SPECIAL NO. 1
 STA. 31+97.71, 18.50' LT.
 TOP = 438.08
 OPEN MOUTH S. F.L.=437.00
 42"X29" ELIP. CMP N. F.L.=434.61 (EXIST.)
 36" S. F.L. = 432.65

CENTERLINE CURVE DATA

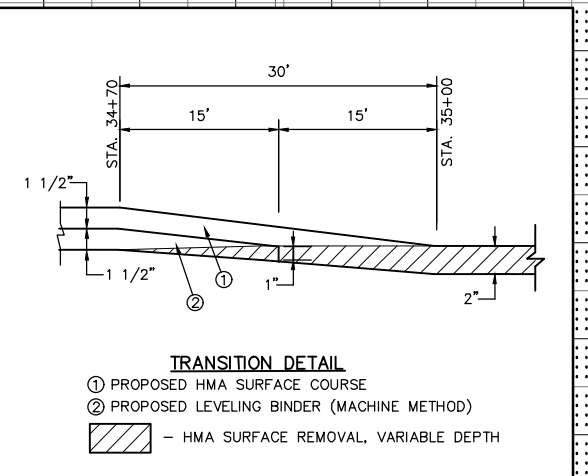
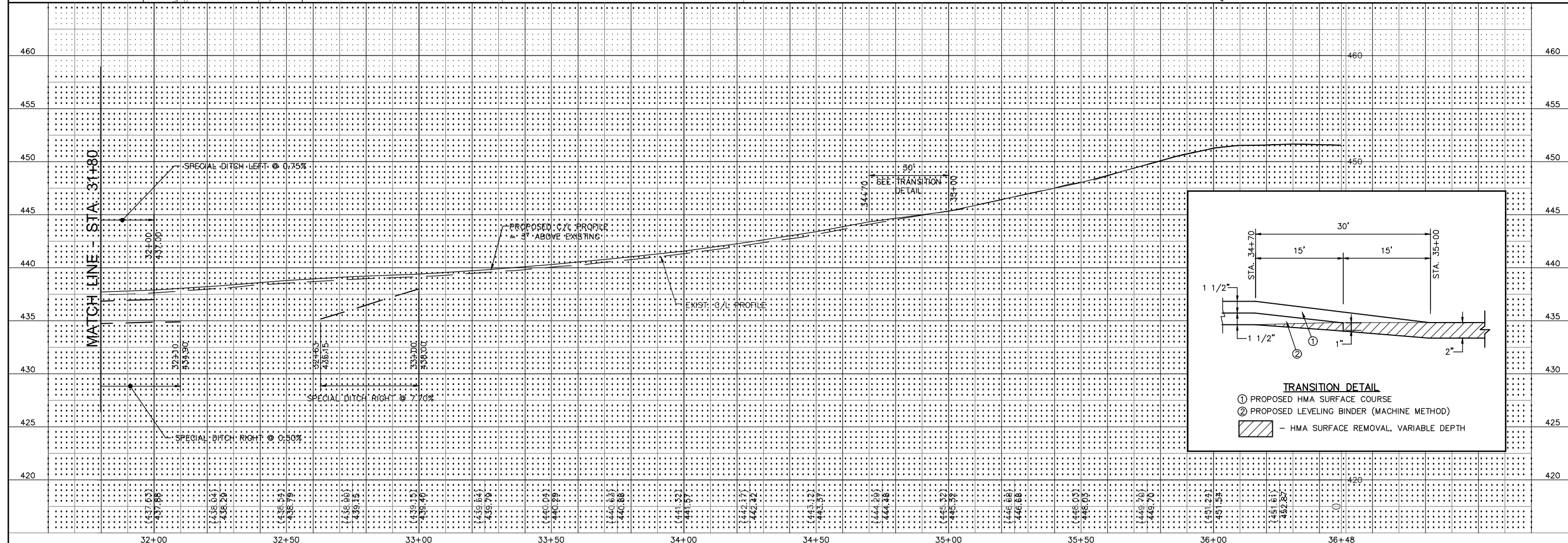
CURVE NO. 4
 P.I. STA.=36+18.18
 $\Delta=76^{\circ}54'04''$
 $T=43.67'$
 $R=55'$
 $L=73.82'$
 $E=15.23'$
 P.C. STA.=35+74.51
 P.T. STA.=36+48.33
 SUPER ELEV.=NONE

CONSTRUCTION NOTES:

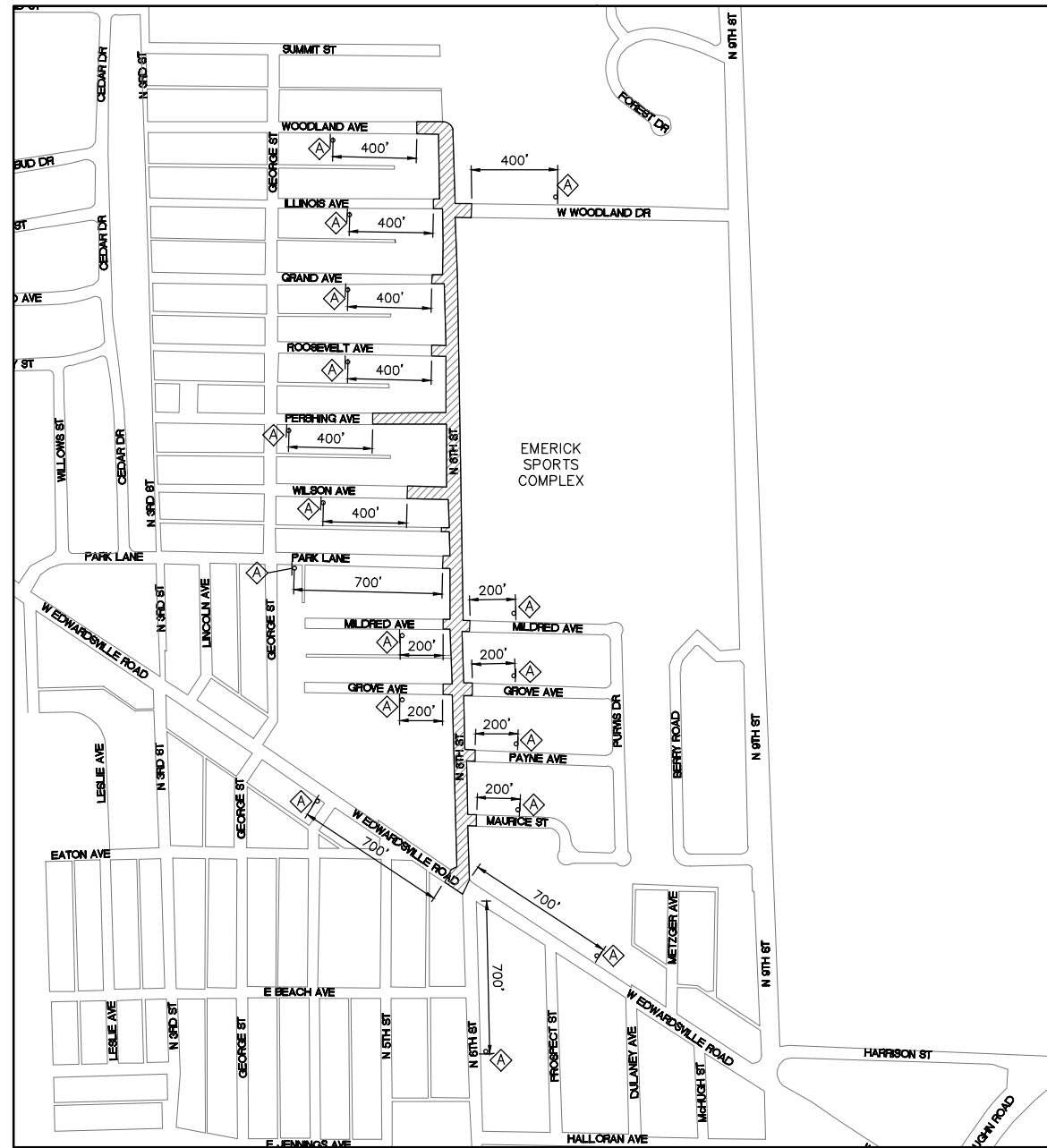
- ① SHOULDERS SPECIAL (1' WIDE WEDGE)
- ② DEPRESS CURB IN 2'
- ③ MILL 3" DEEP TO CREATE BUTT JOINT AT EXISTING CONCRETE ENTRANCE STA. 34+18.
- ④ 10 FT. C.C.&G. TY. B-6.24 - CONSTRUCT ON EAST AND SOUTH SIDE OF INLET TO DIRECT FLOW TO OPEN MOUTH
- ⑤ 28 SQ. YD. PAVEMENT REMOVAL

SIGN NOTES

- ◇ SIGN TO REMAIN

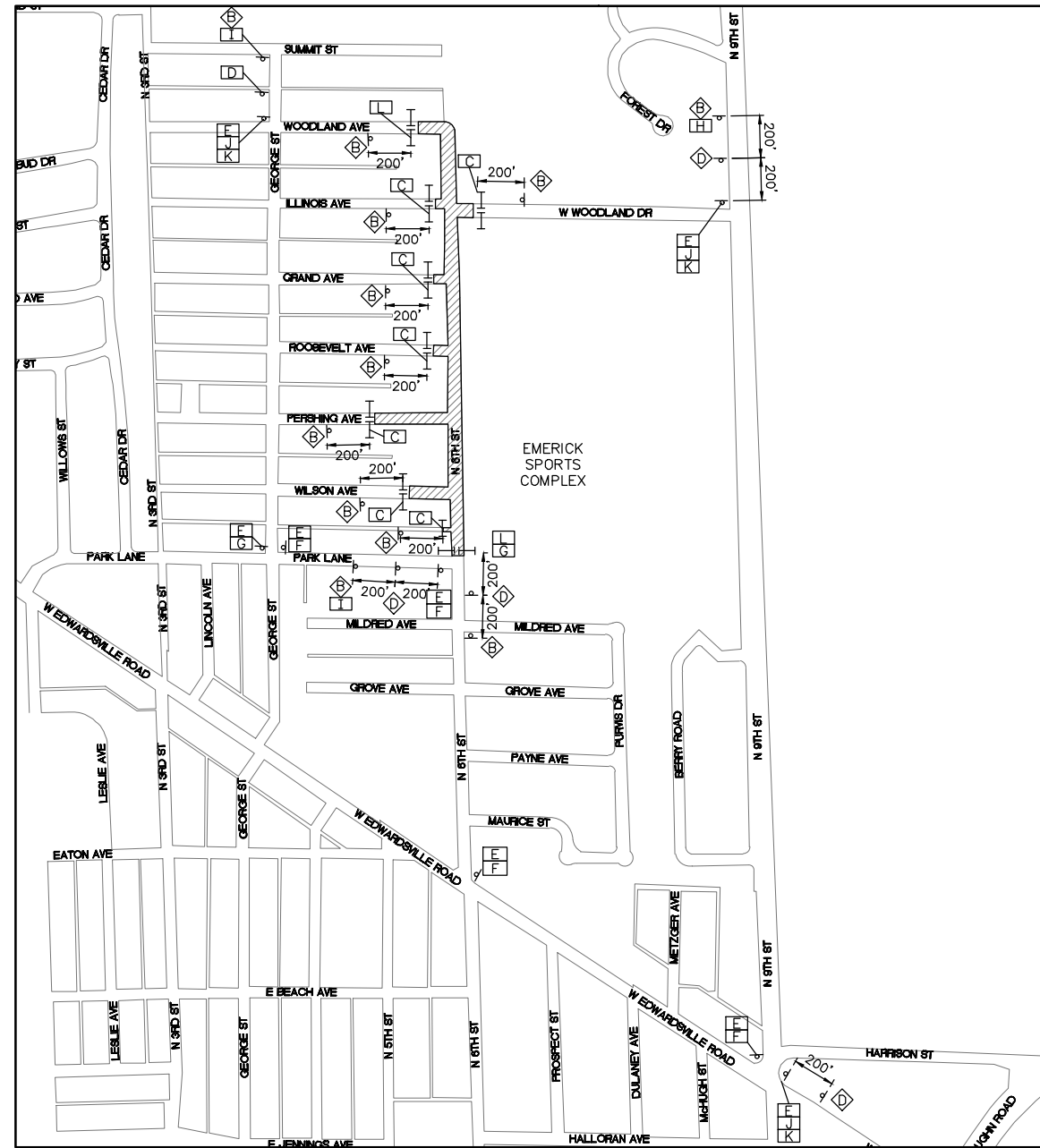
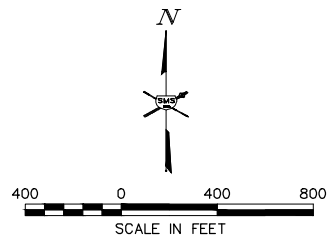


REVISIONS
 SHEET 17 OF 65
 CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 PLAN AND PROFILE
 CONTRACT NO. 97664
 WR 6TH ST PP.DWG
 REF. BK. PG.
 JOB NO. 489052.1
 DSN. BY: DEG
 DWN. BY: CDP
 CHK. BY: DEG
 DATE: NOV. 2017
 HORZ: 1" = 20'
 SCALE: VERT: 1" = 5'
SMS ENGINEERS
 Sheppard, Morgan & Schwab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street P.O. Box E, Alton, IL 62002 6184623755 E-mail: ma@smsengineers.com
 DESIGN FIRM # 184-000992



GENERAL TRAFFIC CONTROL PLAN

SCALE: 1"=400'



TRAFFIC DETOUR PLAN

SCALE: 1"=400'

TRAFFIC CONTROL LEGEND

- WORK AREA
- TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS
- DRUM OR BARRICADE
- SIGN "ROAD CONSTRUCTION AHEAD" W20-1(0) - 48" x 48" WITH MONODIRECTIONAL FLASHING LIGHT
- SIGN "ROAD CLOSED AHEAD" W20-3 48" x 48"
- SIGN "ROAD CLOSED" R11-2 48" x 30"
- SIGN "DETOUR AHEAD" W 20-2 48" x 48"
- SIGN "6TH ST." BLACK LETTERS ON ORANGE BACKGROUND 24" x 24"
- SIGN M4-9R 30" x 24"
- SIGN M4-9L 30" x 24"
- SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- SIGN M4-8 24" x 12"
- SIGN BLACK ARROW ON ORANGE BACKGROUND 18" x 18"
- SIGN "ROAD CLOSED TO THRU TRAFFIC" R11-2 48" X 30"

TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL PROVIDE THE TRAFFIC CONTROL SHOWN ON THE GENERAL TRAFFIC CONTROL PLAN AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED BELOW AND IN ACCORDANCE WITH THE SPECIFIED HIGHWAY STANDARDS AND THE SPECIAL PROVISIONS OF THE CONTRACT.
2. AT TIMES WHEN ALL TRAFFIC LANES ARE OPEN, PROVIDE TRAFFIC CONTROL AS NEEDED PER HIGHWAY STANDARD 701006, 701301 OR 701501.
3. FROM EDWARDSVILLE ROAD TO PARK LANE, 6TH STREET WILL REMAIN OPEN TO THROUGH TRAFFIC AND ONE TRAFFIC LANE WILL BE ALLOWED TO BE CLOSED DURING DAY TIME HOURS AS NEEDED TO CONSTRUCT THE IMPROVEMENTS. TRAFFIC CONTROL FOR LANE CLOSURES WILL FOLLOW APPROPRIATE HIGHWAY STANDARDS. FROM PARK LANE TO WOODLAND AVE., 6TH STREET WILL BE ALLOWED TO BE CLOSED TO THROUGH TRAFFIC AS NEEDED DURING CONSTRUCTION. THE CONTRACTOR WILL HAVE THE OPTION TO CLOSE ONE OR BOTH LANES OF TRAFFIC ANYWHERE BETWEEN PARK LANE AND WOODLAND AVE. AND DETOUR THE TRAFFIC TO GEORGE STREET VIA ONE OF THE INTERSECTING SIDE STREETS. A SHORT SECTION OF THE SIDE STREETS WILSON AVE. AND PERSHING AVE. WILL NEED TO BE CLOSED FOR CONSTRUCTION. LOCAL RESIDENTS SHALL BE ALLOWED TO HAVE ACCESS TO THEIR PROPERTY IF THEY ARE AFFECTED BY A ROAD CLOSURE.
4. PEDESTRIAN ACCESS TO THE EMERICK SPORTS COMPLEX SHALL BE MAINTAINED DURING CONSTRUCTION. TEMPORARY SAFETY FENCES SHALL BE USED TO PROTECT HAZARDS AND FOR DIRECTING PEDESTRIANS TO A DESIGNATED ACCESS ROUTE TO THE COMPLEX. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR TEMPORARY SAFETY FENCING.
5. WHERE A HIGHWAY STANDARD REQUIRES A "ROAD CONSTRUCTION AHEAD" SIGN, THIS REQUIREMENT WILL BE CONSIDERED FULFILLED BY THE SIGNS REQUIRED ON THE GENERAL TRAFFIC CONTROL PLAN.
6. ALL HAZARDS WITHIN WORK ZONES SHALL BE PROTECTED WITH TYPE I BARRICADES OR DRUMS WITH FLASHING LIGHTS.
7. ALL CONSTRUCTION SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"
8. IF THE CONTRACTOR WISHES TO DEVIATE FROM THIS TRAFFIC CONTROL PLAN, HE SHALL PROVIDE A REVISED TRAFFIC CONTROL PLAN IN WRITING FOR THE REVIEW AND APPROVAL OF THE ENGINEER.
9. CONTRACTOR SHALL NOTIFY THE CITY OF WOOD RIVER PUBLIC WORKS (251-3122), CITY OF WOOD RIVER POLICE (251-3113) AND FIRE (259-0984) DEPARTMENTS, AND THE CITY OF WOOD RIVER POSTMASTER (254-6422) AT LEAST ONE (1) WEEK PRIOR TO ANY ANTICIPATED CLOSURE / DETOURING OF 6TH STREET FOR SAID AGENCIES PLANNING PURPOSES. CONTRACTOR SHALL ALSO NOTIFY THESE AGENCIES THE DAY 6TH STREET IS RE-OPENED TO TRAFFIC.
10. THE DATE / TIME OF THE PROPOSED CLOSURE OF 6TH ST. SHALL BE AGREED TO BY THE ENGINEER AND CITY OF WOOD RIVER PUBLIC WORKS DEPT.

REVISIONS

SMS
ENGINEERS

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

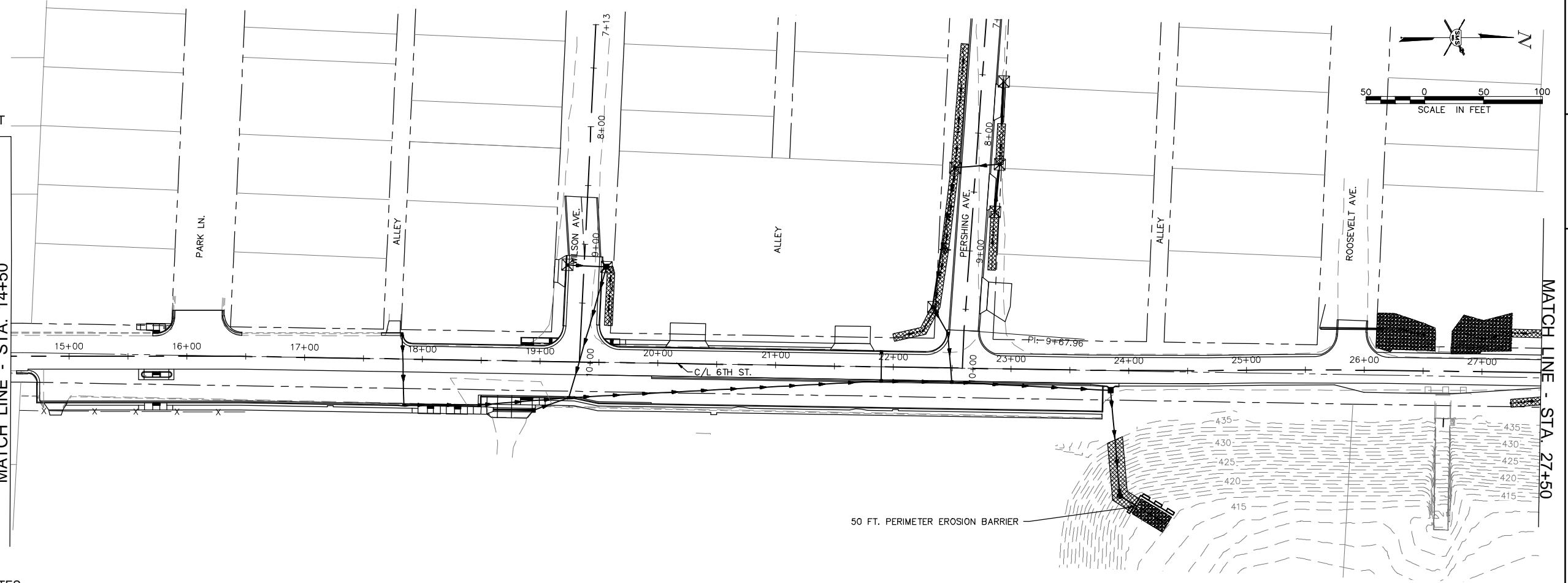
215 Market Street, Alton, IL 62002 618-462-9755 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
SECTION 14-00051-00-RS
6TH STREET
TRAFFIC CONTROL PLAN AND DETOUR PLAN

CONTRACT NO. 97664	
WR 6TH ST DETOUR PLAN.DWG	
REF. BK.	PG.
JOB NO. 489052.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: NOV. 2017	
SCALE: 1" = 400'	
SHEET 19 OF 65	

NO EROSION CONTROL
PAY ITEMS
TO BEGINNING OF PROJECT

MATCH LINE - STA. 14+50



REVISIONS

Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, Alton, IL 62002 618-462-2935 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

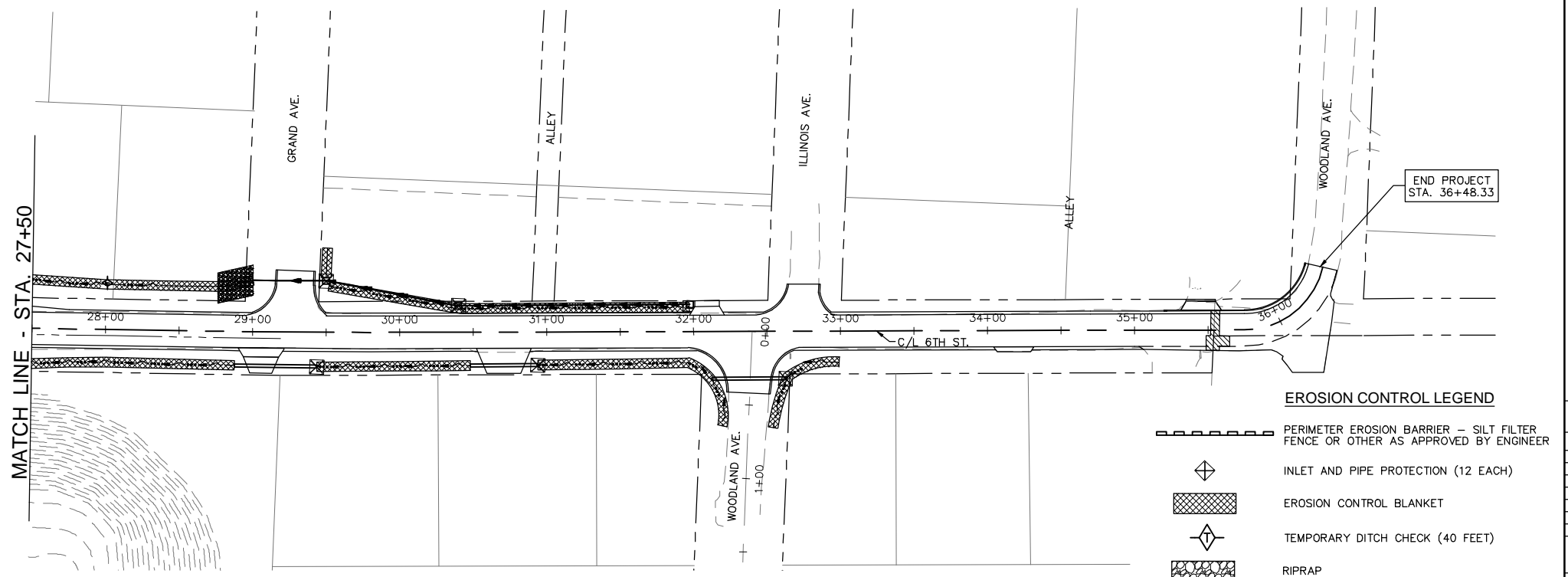


EROSION CONTROL NOTES

1. EROSION CONTROL ITEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 280 OF THE I.D.O.T. STANDARD SPECIFICATIONS.
2. THIS PLAN SHOWS GENERAL LAYOUT OF EROSION CONTROL ITEMS. THE CONTRACTOR IS RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL AND THEREFORE SHALL MONITOR THE SITE AND REPAIR, MAINTAIN OR MODIFY THE EROSION AND SEDIMENT CONTROL MEASURES AS NEEDED TO COMPLY WITH REGULATIONS.
3. THE CONTRACTOR FOR THIS PROJECT SHALL COMPLY WITH THE ILLINOIS E.P.A. NPDES PERMIT NO. ILR10 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.
4. THIS EROSION CONTROL PLAN SUPPLEMENTS THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT AND INCLUDED IN THE SPECIAL PROVISIONS.
5. THE CONTRACTOR IS REQUIRED TO RETAIN A COPY OF THE SWPPP ON SITE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
6. CONSTRUCTION AND DRIVEWAY ENTRANCES SHALL BE STABILIZED WITH CRUSHED STONE TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS. THIS WORK SHALL BE PAID FOR PER TON FOR AGGREGATE FOR TEMPORARY ACCESS.
7. PERIMETER EROSION BARRIER SHALL BE PLACED ALONG THE UPSLOPE EDGE OF RIPRAP IF BARE SOIL EXISTS AT THE TIME RIPRAP IS PLACED.
8. TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED IN ACCORDANCE WITH THE SWPPP.
9. CONTRACTOR SHALL INSTALL TEMPORARY DITCH CHECKS IN THE FLOW PATHS OF CONCENTRATED STORM WATERS WHERE THERE IS A POTENTIAL FOR EROSION DUE TO CONSTRUCTION SITE ACTIVITIES. DITCH CHECKS PROVIDED SHALL BE PER ARTICLE 280.04 OR OTHER DITCH CHECK MATERIALS ACCEPTABLE TO THE ENGINEER. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY DITCH CHECKS. SPACING OF DITCH CHECKS SHALL DEPEND ON THE HEIGHT OF THE DITCH CHECK AND THE SLOPE OF THE DITCH, ACCORDING TO THE FOLLOWING FORMULA:
$$\text{DITCH CHECK SPACING (FT.)} = \frac{\text{HEIGHT (FT.)}}{\text{SLOPE (FT./FT.)}}$$

THIS SPACING WILL RESULT IN THE TOP ELEVATION OF THE DITCH CHECK BEING EQUAL TO THE DITCH FLOW LINE ELEVATION AT THE NEXT UPSTREAM DITCH CHECK.
10. AN ESTIMATED 40 FEET OF TEMPORARY DITCH CHECKS HAVE BEEN CALCULATED. THE ACTUAL AMOUNT NEEDED MAY VARY.
11. THE CONTRACTOR SHALL PROVIDE TEMPORARY INLET AND PIPE PROTECTION AT ALL STORM SEWER PIPE AND INLET STRUCTURES AS REQUIRED TO INTERCEPT WATER BORNE SILT AND SEDIMENT AND PREVENT IT FROM ENTERING STORM SEWER SYSTEMS. THIS ITEM MAY CONSIST OF EMBEDDED HAY OR STRAW BALES, SILT FILTER FENCE, SAND BAGS OR OTHER APPROVED METHODS.
12. THE CONTRACTOR MAY USE TEMPORARY SEDIMENT BASINS AS ADDITIONAL EROSION CONTROL MEASURES AT CONCENTRATED FLOW LOCATIONS AS APPROVED BY THE ENGINEER. A TEMPORARY SEDIMENT BASIN CONSISTS OF AN EXCAVATED BASIN WITH A PERIMETER EROSION BARRIER (SILT FILTER FENCE OR HIGH FLOW SILT FILTER FENCE) ON THE DOWNSTREAM SIDE.

MATCH LINE - STA. 27+50



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY ENGINEER
- INLET AND PIPE PROTECTION (12 EACH)
- EROSION CONTROL BLANKET
- TEMPORARY DITCH CHECK (40 FEET)
- RIPRAP

CITY OF WOOD RIVER, ILLINOIS
SECTION 14-00051-00-RS
6TH STREET
EROSION CONTROL PLAN

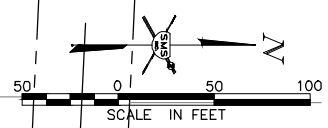
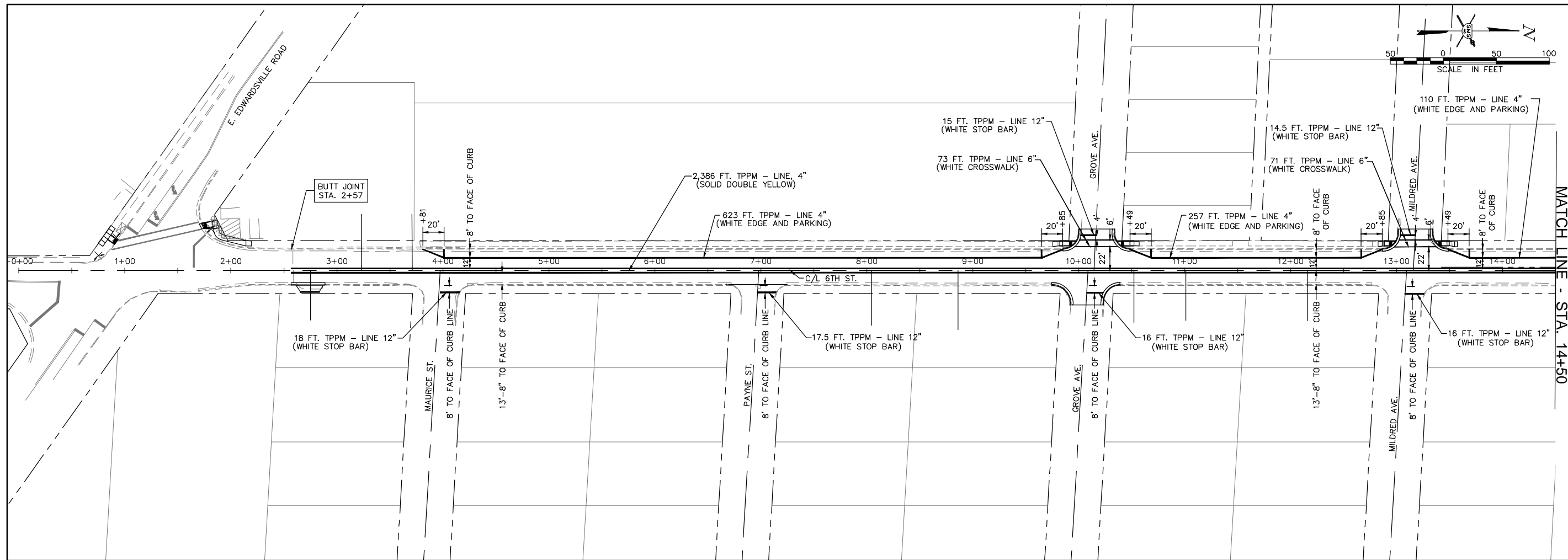
CONTRACT NO.
97664

WR 6TH ST PAVE MARK.DWG

REF. BK. PG.
JOB NO. 489052.1
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: SEPT. 2017

SCALE: 1" = 50'

SHEET 20 OF 65



REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, Alton, IL 62002 618-462-2935 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

- NOTES**
1. THERMOPLASTIC PAVEMENT MARKING IS ABBREVIATED AS TPPM.
 2. PAVEMENT MARKING REMOVAL QUANTITY IN PLANS ONLY NEEDED IF TEMPORARY PAVEMENT MARKING IS USED, AS DIRECTED BY THE ENGINEER.
 3. SEE PAVEMENT MARKING SCHEDULE FOR TOTAL QUANTITIES.

CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 PAVEMENT MARKING PLAN

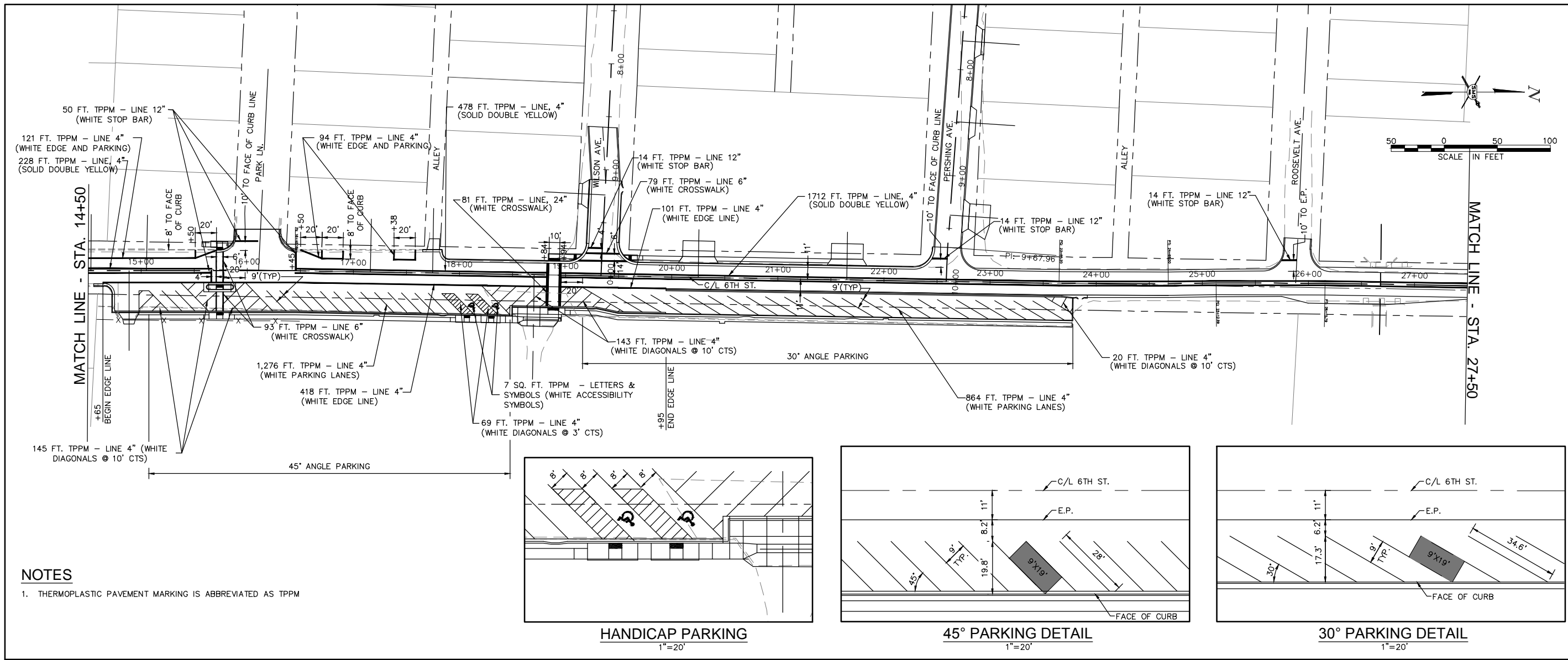
CONTRACT NO.
97664

WR 6TH ST PAVE MARK.DWG

REF. BK.	PG.
JOB NO.	489052.1
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	NOV. 2017

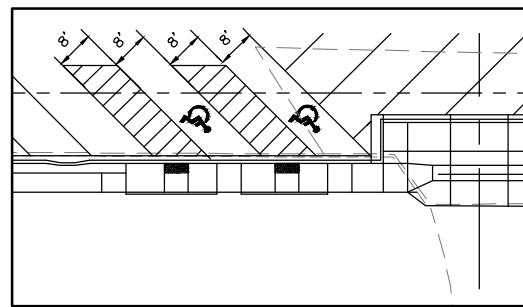
SCALE: 1" = 50'

SHEET 21 OF 65

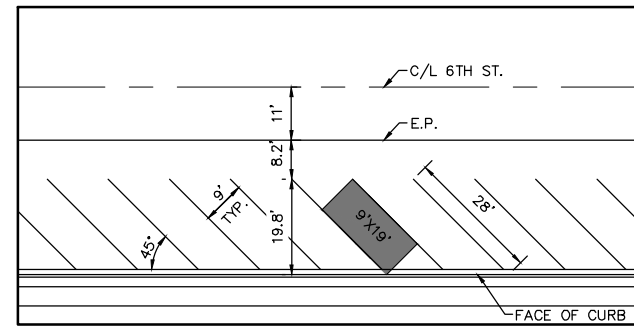


NOTES

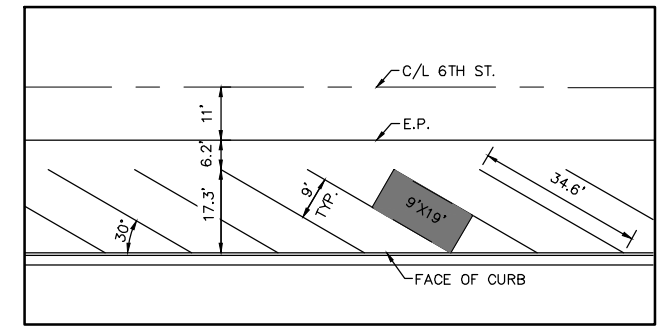
- 1. THERMOPLASTIC PAVEMENT MARKING IS ABBREVIATED AS TPPM



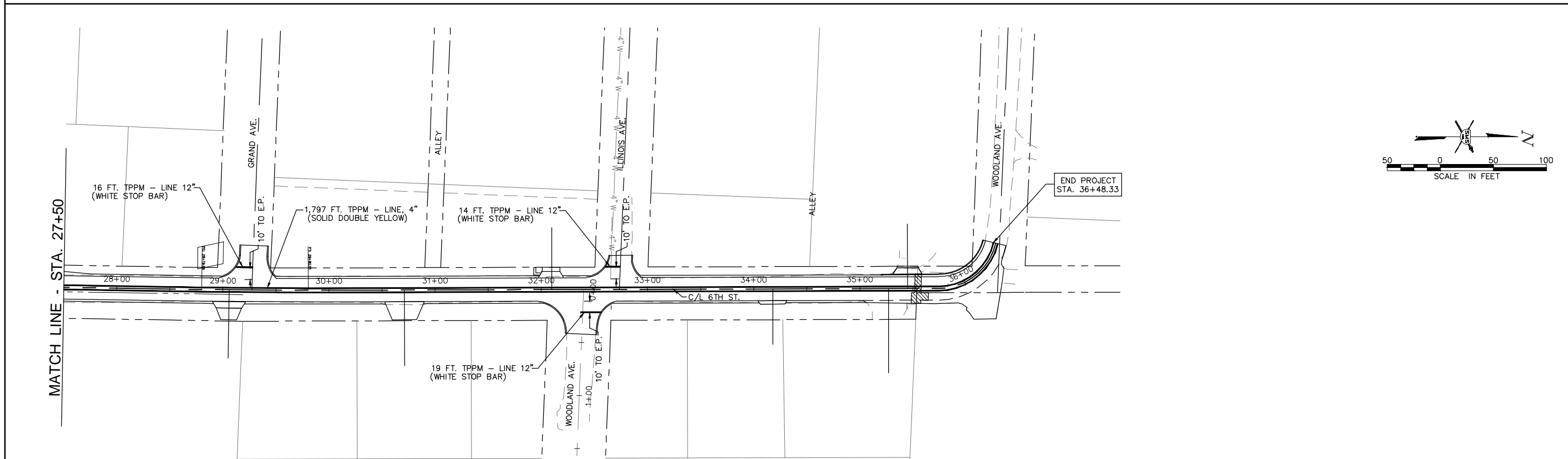
HANDICAP PARKING
1"=20'



45° PARKING DETAIL
1"=20'



30° PARKING DETAIL
1"=20'



REVISIONS
<p>SMS Sheppard, Morgan & Schwaab, Inc. CONSULTING ENGINEERS AND LAND SURVEYORS 615 Market Street, Alton, IL 62002 618-462-2935 E-mail: mail@smsengineers.com DESIGN FIRM # 184-000992</p>

CITY OF WOOD RIVER, ILLINOIS
SECTION 14-00051-00-RS
6TH STREET
PAVEMENT MARKING PLAN

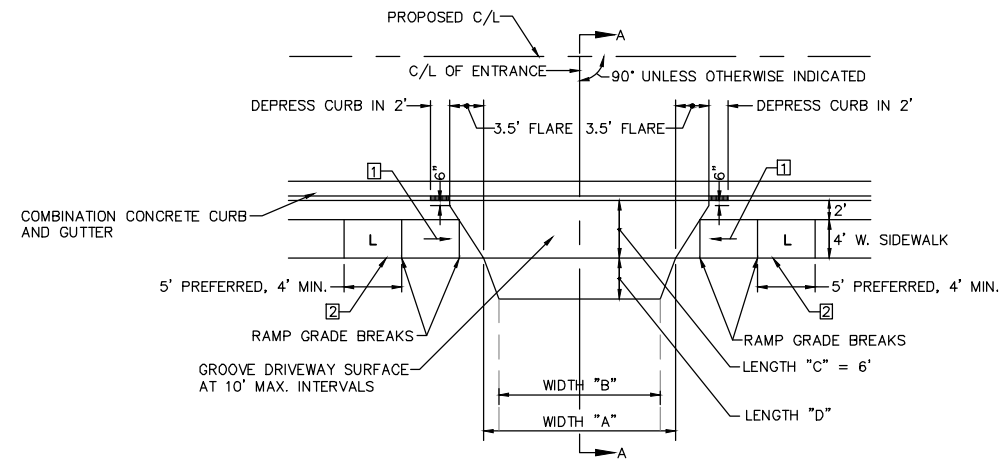
CONTRACT NO.
97664

WR 6TH ST PAVE MARK.DWG

REF. BK.	PG.
JOB NO.	489052.1
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	NOV. 2017

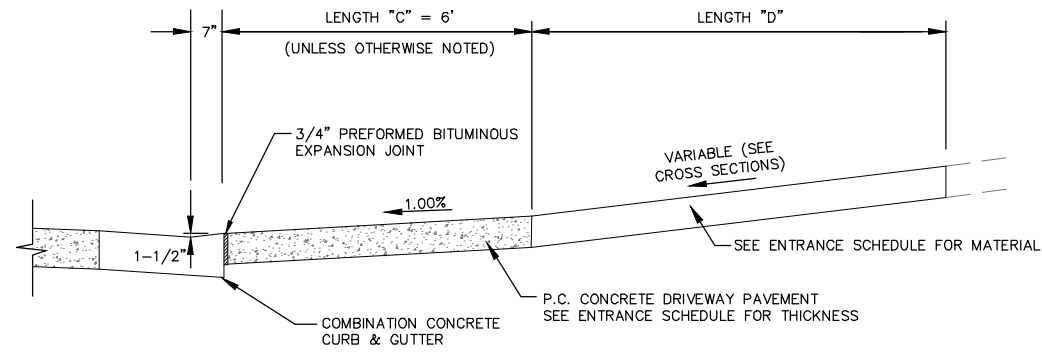
SCALE: 1" = 50'

SHEET 22 OF 65



- NOTES:
 1 RAMP 1:12 MAX. OR 15' MAX. LENGTH
 2 LANDING ONLY REQUIRED IF RAMP EXCEEDS 5.00%

PLAN
TYPICAL ENTRANCE DETAIL A
 SIDEWALK W/ 2' BUFFER
 SCALE: 1"=10'



DETAIL A -SECTION A-A
 NO SCALE

ENTRANCE SCHEDULE

STATION	TYPE OF ENTRANCE	WIDTH "A" (FT)	WIDTH "B" (FT)	LENGTH "C" (FT)	LENGTH "D" (FT)	DRIVEWAY PAVEMENT REMOVAL (SQ.YD.)	HMA SURF. REMOVAL SPECIAL (SQ.YD.)	P.C.C. DRIVEWAY PVMT., 6" (SQ.YD.)	P.C.C. DRIVEWAY PVMT., 8" (SQ.YD.)	INCIDENTAL HMA SURFACING (TONS)	AGGREGATE SURFACE CSE, TYPE B (TONS)	NOTES
2+75.00	RT	P.E.	17.9	17.9	6	1	15.5	16.4	-	-	-	
14+88.50	RT	P.E.	12	9.7	6	4.4	-	10.5	-	-	1.7	CONCRETE APRON TO 6'
* 18+70.50	RT	P.E.	12	12	6	11.5	47	19	-	-	-	
20+25.00	LT	C.E.	30	30	6	14.7	-	-	22.5	-	16.4	CONCRETE APRON TO 6'
21+65.00	LT	C.E.	30	30	6	14.5	-	-	22.5	-	16.1	CONCRETE APRON TO 6'
29+06.00	RT	P.E.	24	15	6	11	-	-	-	6.2	8.0	6" HMA APRON TO 6'
* 30+71.00	RT	P.E.	23	-	17	45.2	-	57.1	-	-	-	
* 32+10.00	LT	P.E.	16	16	6	4	-	14.5	-	-	2.2	6" HMA APRON TO 6'
* 34+18.00	RT	P.E.	23	-	3.3	-	-	-	-	1.5	-	3" HMA APRON
35+45.00	LT	P.E.	20	20	6	1.4	14.3	19	-	-	-	CONCRETE APRON TO ROW
WILSON AVE.												
9+23.65	RT	P.E.	19.3	19.3	6	3.3	-	22.5	-	-	-	
PERSHING AVE.												
7+72.58	LT	P.E.	24	24	6	2.8	-	-	-	3.1	2.2	3" HMA APRON
8+49.04	LT	P.E.	24	24	6	-	-	-	-	3.1	-	3" HMA APRON
9+37.21	LT	P.E.	24	VARIES	6	19.6	-	-	-	3.1	20.4	3" HMA ON 6" AGGREGATE APRON
TOTALS:						75	47	159	45	17	67	

* MODIFY FLARE TO MEET EXISTING

REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
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 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 ENTRANCE SCHEDULE AND DETAILS

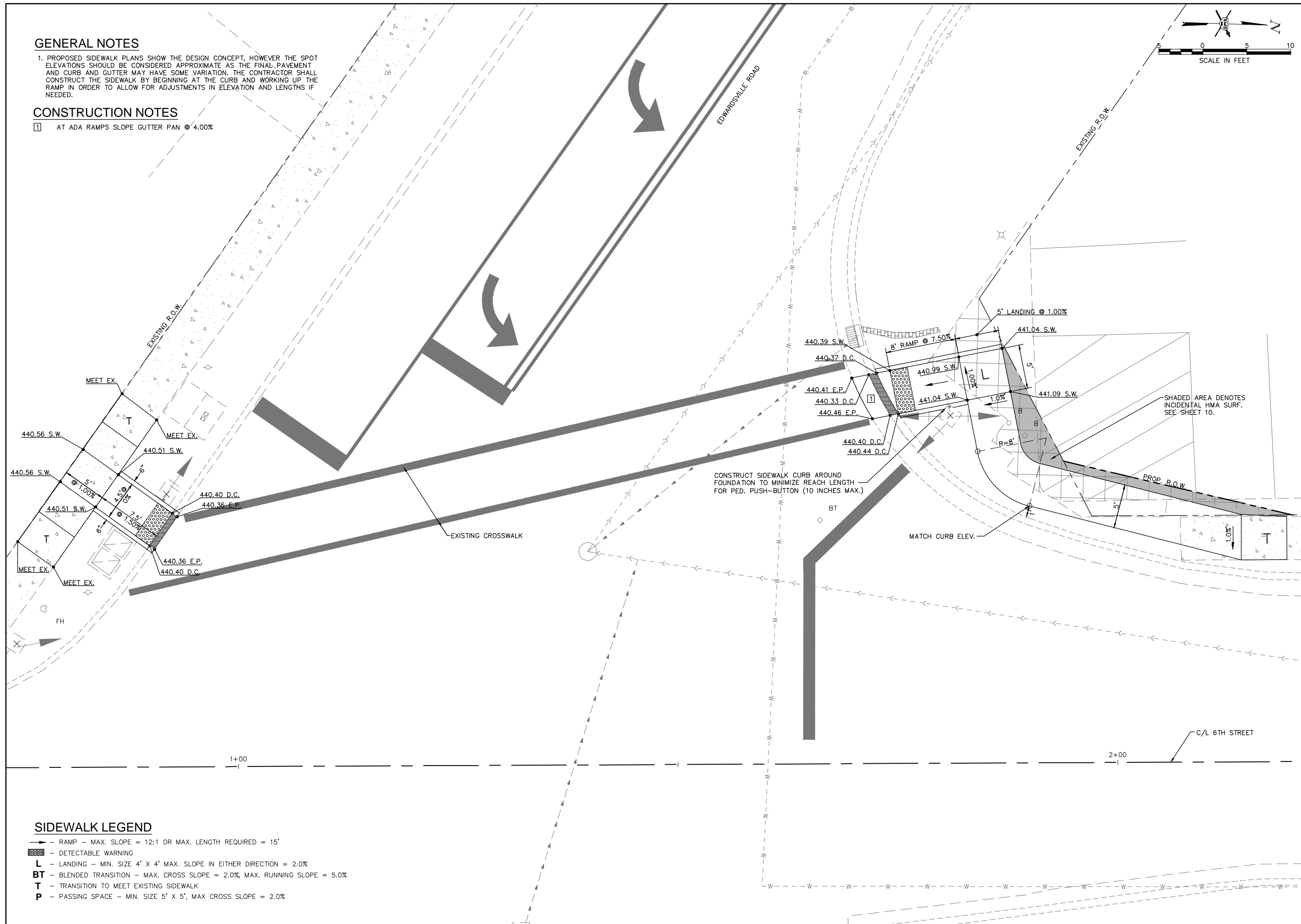
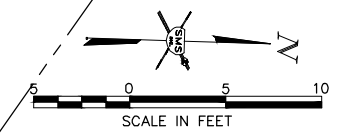
CONTRACT NO. 97664
 WR 6TH ST DRWY DET.DWG
 REF. BK. PG.
 JOB NO. 489052.1
 DSN. BY: DEG
 DWN. BY: CDP
 CHK. BY: DEG
 DATE: NOV. 2017
 SCALE: NONE
 SHEET 23 OF 65

GENERAL NOTES

1. PROPOSED SIDEWALK PLANS SHOW THE DESIGN CONCEPT, HOWEVER THE SPOT ELEVATIONS SHOULD BE CONSIDERED APPROXIMATE AS THE FINAL PAVEMENT AND CURB AND GUTTER MAY HAVE SOME VARIATION. THE CONTRACTOR SHALL CONSTRUCT THE SIDEWALK BY BEGINNING AT THE CURB AND WORKING UP THE RAMP IN ORDER TO ALLOW FOR ADJUSTMENTS IN ELEVATION AND LENGTHS IF NEEDED.

CONSTRUCTION NOTES

1 AT ADA RAMP SLOPE GUTTER PAN @ 4.00%



REVISIONS

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 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 CONSTRUCTION DETAILS

CONTRACT NO. 97664	
WR 6TH ST INT DETAILS.DWG	
REF. BK.	PG.
JOB NO. 489052.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: NOV. 2017	
SCALE: 1" = 20'	
SHEET 24 OF 65	

SIDEWALK LEGEND

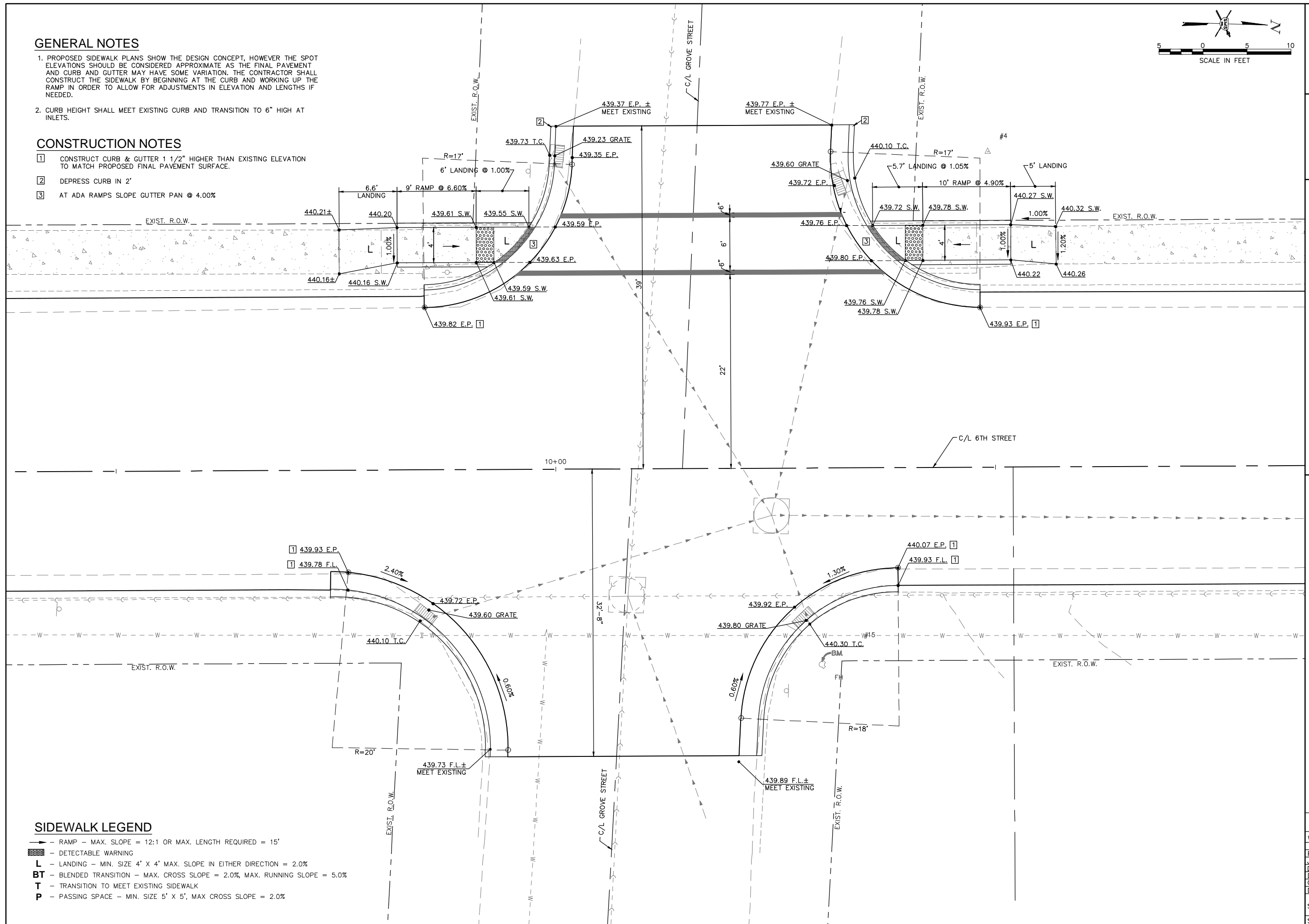
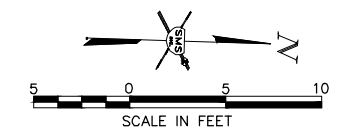
- RAMP — MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- ▨ — DETECTABLE WARNING
- L — LANDING — MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT — BLENDED TRANSITION — MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T — TRANSITION TO MEET EXISTING SIDEWALK
- P — PASSING SPACE — MIN. SIZE 5' X 5', MAX CROSS SLOPE = 2.0%

GENERAL NOTES

1. PROPOSED SIDEWALK PLANS SHOW THE DESIGN CONCEPT, HOWEVER THE SPOT ELEVATIONS SHOULD BE CONSIDERED APPROXIMATE AS THE FINAL PAVEMENT AND CURB AND GUTTER MAY HAVE SOME VARIATION. THE CONTRACTOR SHALL CONSTRUCT THE SIDEWALK BY BEGINNING AT THE CURB AND WORKING UP THE RAMP IN ORDER TO ALLOW FOR ADJUSTMENTS IN ELEVATION AND LENGTHS IF NEEDED.
2. CURB HEIGHT SHALL MEET EXISTING CURB AND TRANSITION TO 6" HIGH AT INLETS.

CONSTRUCTION NOTES

- 1 CONSTRUCT CURB & GUTTER 1 1/2" HIGHER THAN EXISTING ELEVATION TO MATCH PROPOSED FINAL PAVEMENT SURFACE.
- 2 DEPRESS CURB IN 2'
- 3 AT ADA RAMPS SLOPE GUTTER PAN @ 4.00%



SIDEWALK LEGEND

- RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- DETECTABLE WARNING
- L** - LANDING - MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT** - BLENDED TRANSITION - MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T** - TRANSITION TO MEET EXISTING SIDEWALK
- P** - PASSING SPACE - MIN. SIZE 5' X 5', MAX CROSS SLOPE = 2.0%

NO.	DESCRIPTION

SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 715 Market Street, Alton, IL 62002 618-462-9755 E-mail: mail@smsgse.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 CONSTRUCTION DETAILS

CONTRACT NO.
97664

REF. BK.	PG.
JOB NO. 489052.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: NOV. 2017	

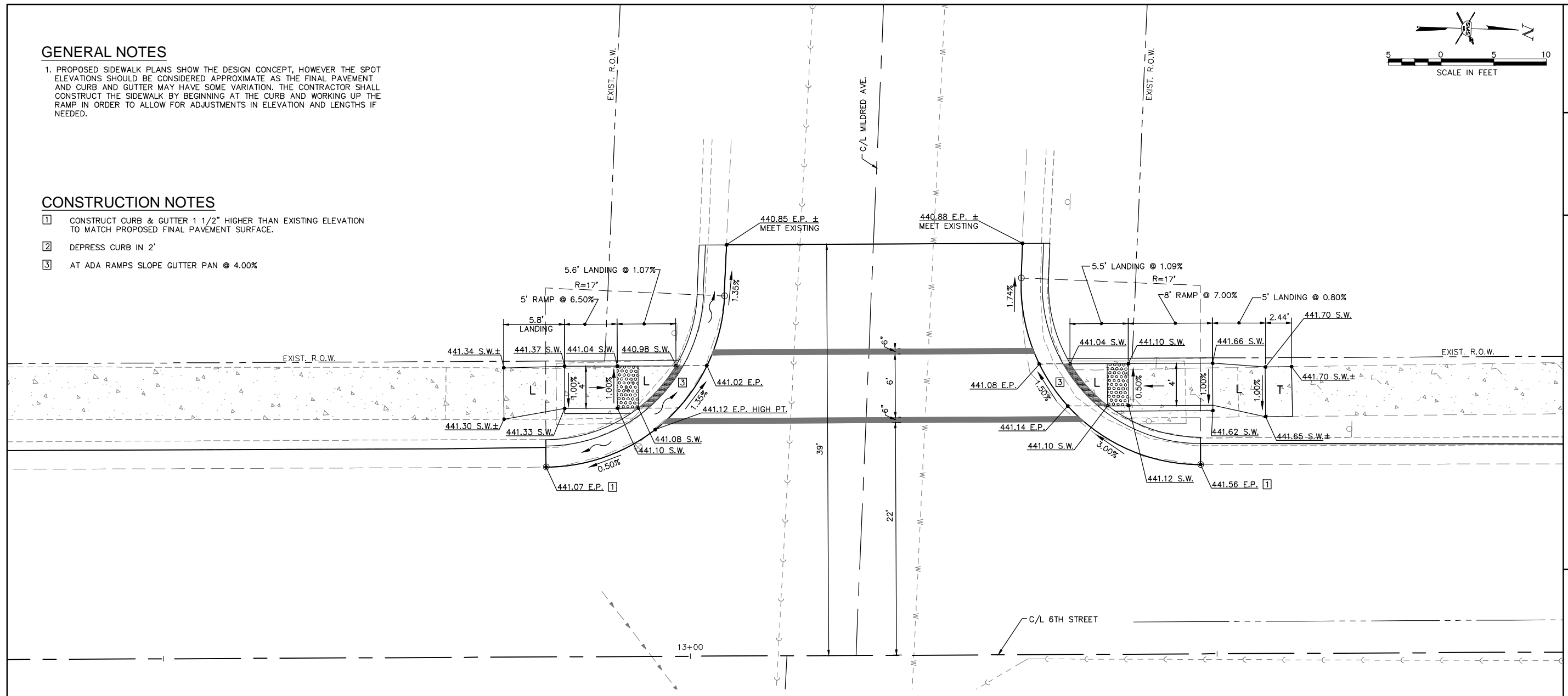
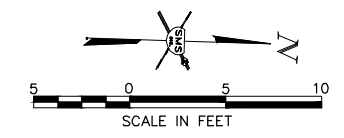
SCALE: 1" = 5'
SHEET 25 OF 65

GENERAL NOTES

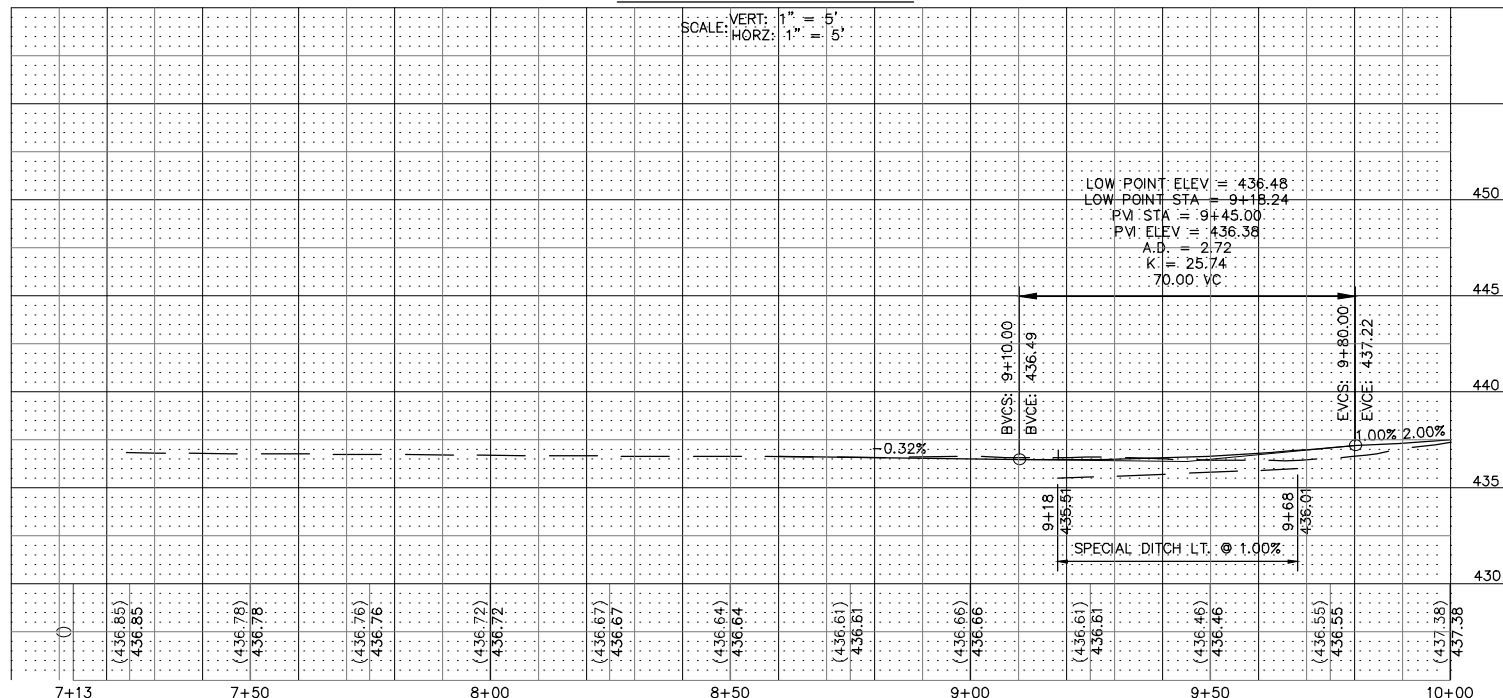
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CONSTRUCTION NOTES

- 1 CONSTRUCT CURB & GUTTER 1 1/2" HIGHER THAN EXISTING ELEVATION TO MATCH PROPOSED FINAL PAVEMENT SURFACE.
- 2 DEPRESS CURB IN 2'
- 3 AT ADA RAMPS SLOPE GUTTER PAN @ 4.00%



WILSON AVE. PROFILE



SIDEWALK LEGEND

- RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- DETECTABLE WARNING
- L** - LANDING - MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT** - BLENDED TRANSITION - MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T** - TRANSITION TO MEET EXISTING SIDEWALK
- P** - PASSING SPACE - MIN. SIZE 5' X 5', MAX CROSS SLOPE = 2.0%

REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 715 Market Street, Alton, IL 62002 618-462-9755 Email: mail@smsengineers.com
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CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 CONSTRUCTION DETAILS

CONTRACT NO. 97664	
WR 6TH ST INT DETAILS.DWG	
REF. BK.	PG.
JOB NO. 489052.1	
DSN. BY: DEG	
DWN. BY: GDP	
CHK. BY: DEG	
DATE: NOV. 2017	
SCALE: 1" = 5'	
SHEET 26	OF 65

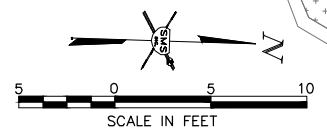
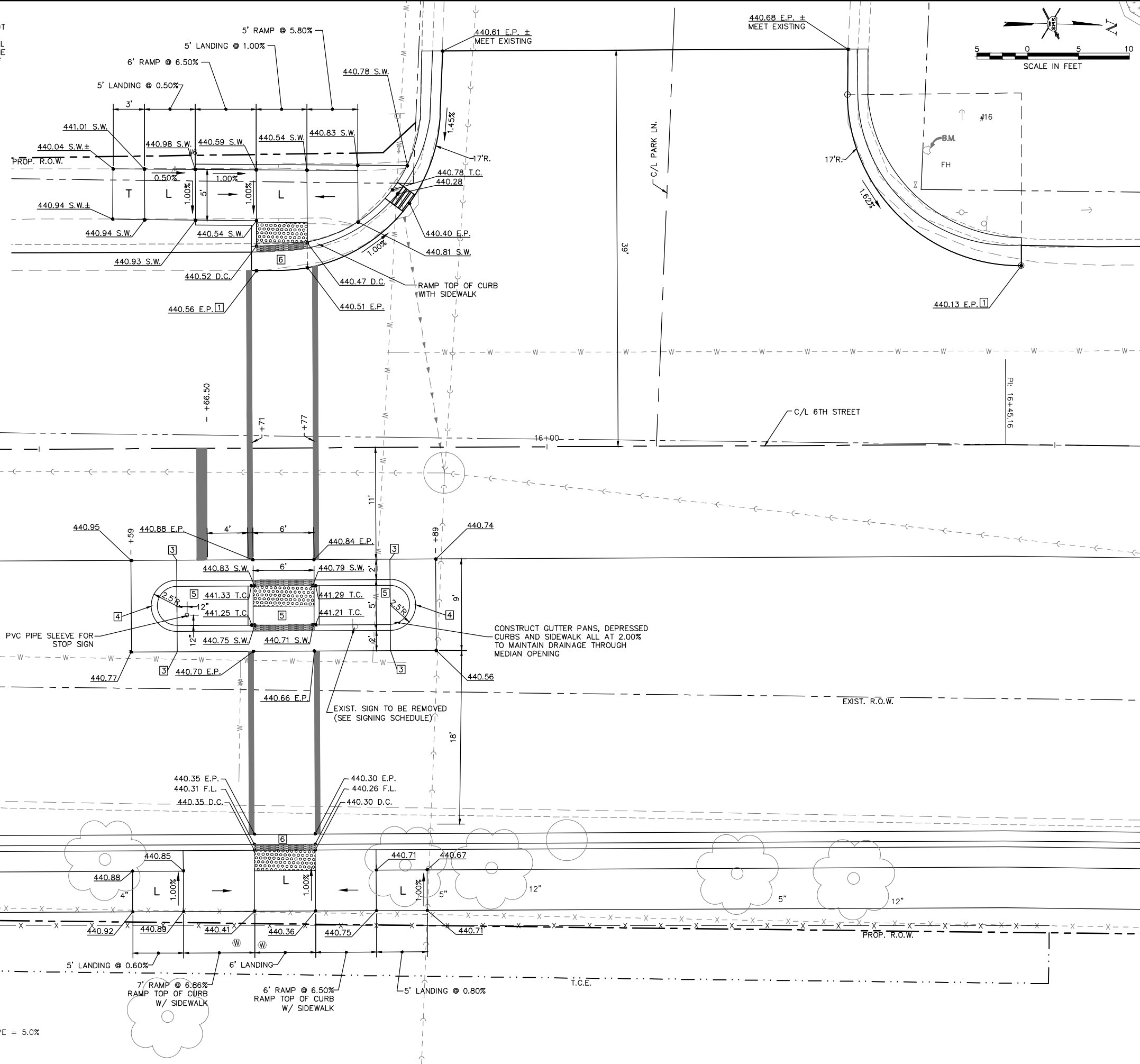
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GENERAL NOTES

1. PROPOSED SIDEWALK PLANS SHOW THE DESIGN CONCEPT, HOWEVER THE SPOT ELEVATIONS SHOULD BE CONSIDERED APPROXIMATE AS THE FINAL PAVEMENT AND CURB AND GUTTER MAY HAVE SOME VARIATION. THE CONTRACTOR SHALL CONSTRUCT THE SIDEWALK BY BEGINNING AT THE CURB AND WORKING UP THE RAMP IN ORDER TO ALLOW FOR ADJUSTMENTS IN ELEVATION AND LENGTHS IF NEEDED.

CONSTRUCTION NOTES

- 1 CONSTRUCT CURB & GUTTER 1 1/2" HIGHER THAN EXISTING ELEVATION TO MATCH PROPOSED FINAL PAVEMENT SURFACE.
- 2 DEPRESS CURB IN 2'
- 3 EXPANSION JOINT WITH DOWEL BARS PER HWY. STD. 606001
- 4 CONC. MEDIAN, TYPE SB-6.24 (SEE SHEET 13 FOR QTYS.)
- 5 P.C.C. SIDEWALK 4 INCH (FOR MEDIAN SURFACE)
- 6 AT ADA RAMP SLOPE GUTTER PAN @ 4.00%



SIDEWALK LEGEND

- RAMP — MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- ▨ — DETECTABLE WARNING
- L — LANDING — MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT — BLENDED TRANSITION — MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T — TRANSITION TO MEET EXISTING SIDEWALK
- P — PASSING SPACE — MIN. SIZE 5' X 5', MAX CROSS SLOPE = 2.0%

NO.	REVISIONS

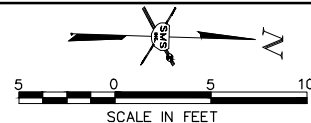
SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 715 Market Street, Alton, IL 62002 618-462-9755 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 CONSTRUCTION DETAILS

CONTRACT NO. 97664	
WR 6TH ST INT DETAILS.DWG	
REF. BK.	PG.
JOB NO. 489052.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: NOV. 2017	
SCALE: 1" = 20'	
SHEET 27 OF 65	

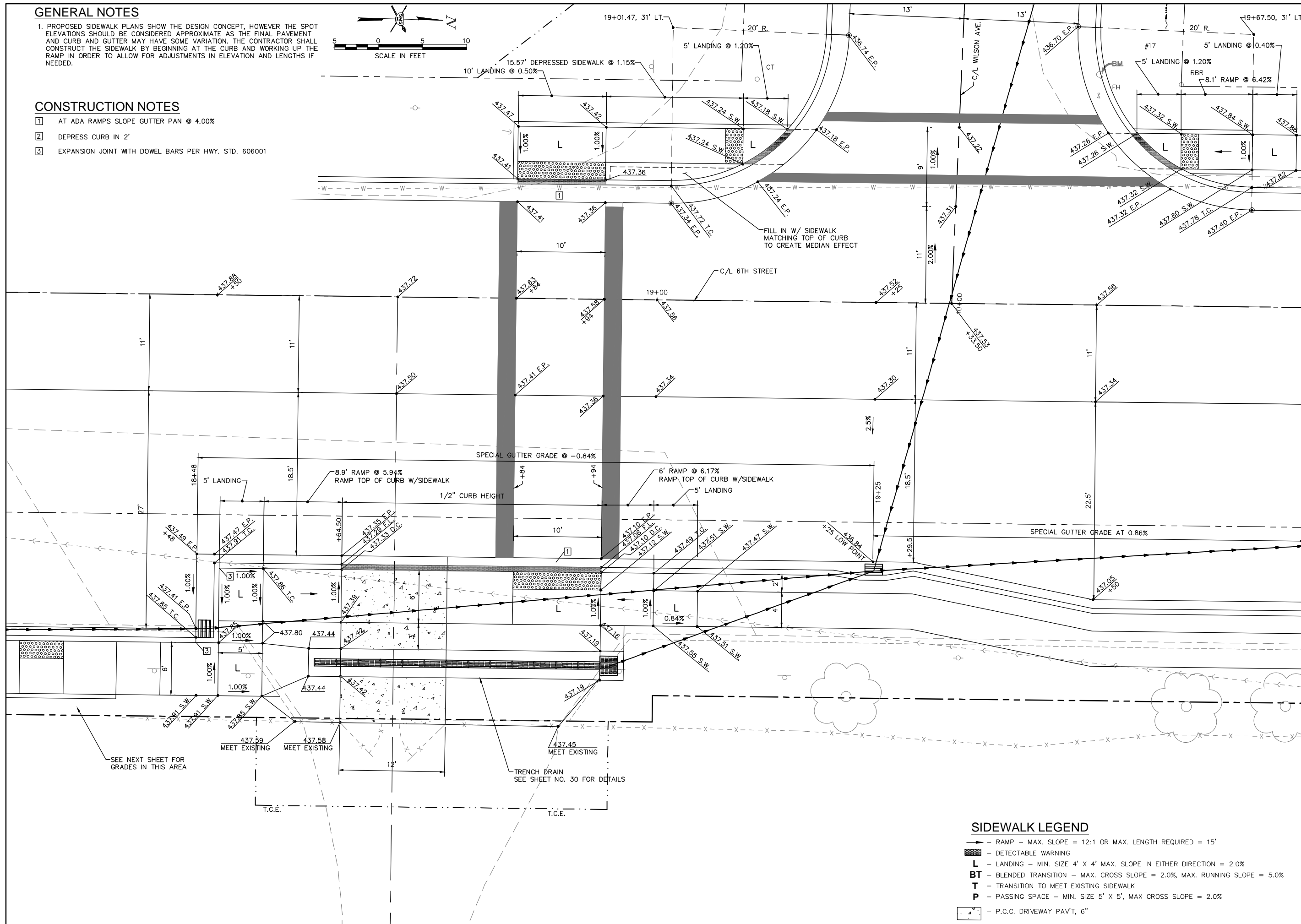
GENERAL NOTES

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CONSTRUCTION NOTES

- 1 AT ADA RAMPS SLOPE GUTTER PAN @ 4.00%
- 2 DEPRESS CURB IN 2'
- 3 EXPANSION JOINT WITH DOWEL BARS PER HWY. STD. 606001



REVISIONS

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 Sheppard, Morgan & Schwaab, Inc.
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CITY OF WOOD RIVER, ILLINOIS
 SECTION 14-00051-00-RS
 6TH STREET
 CONSTRUCTION DETAILS

CONTRACT NO. 97664
 WR 6TH ST INT DETAILS.DWG

REF. BK.	PG.
JOB NO. 489052.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: NOV. 2017	

SCALE: 1" = 5'
 SHEET 28 OF 65

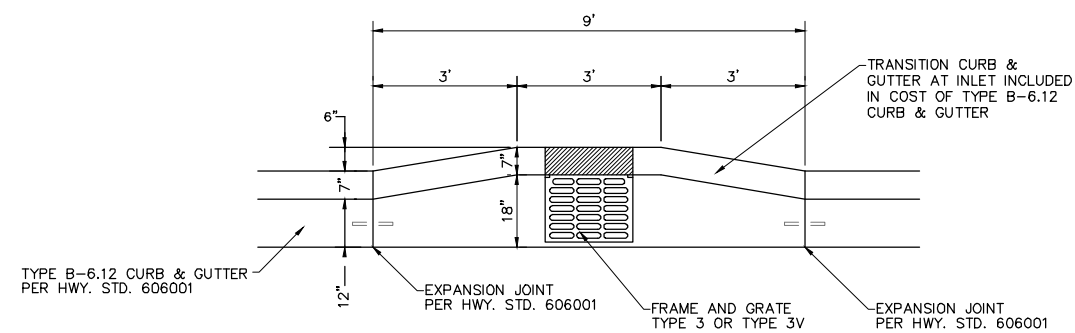
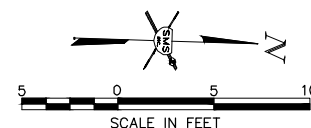
- SIDEWALK LEGEND**
- RAMP — MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
 - ▨ — DETECTABLE WARNING
 - L — LANDING — MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
 - BT — BLENDED TRANSITION — MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
 - T — TRANSITION TO MEET EXISTING SIDEWALK
 - P — PASSING SPACE — MIN. SIZE 5' X 5', MAX CROSS SLOPE = 2.0%
 - — P.C.C. DRIVEWAY PAVT, 6"

GENERAL NOTES

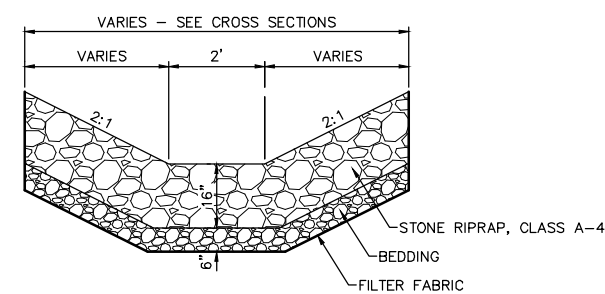
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CONSTRUCTION NOTES

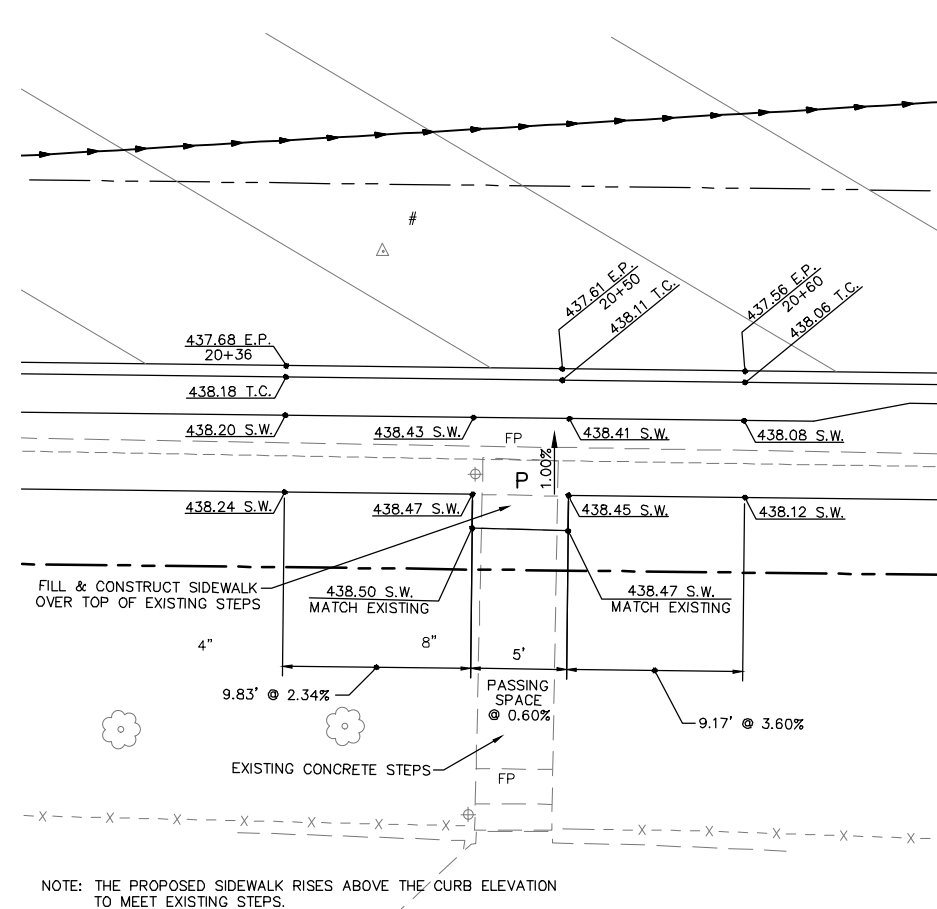
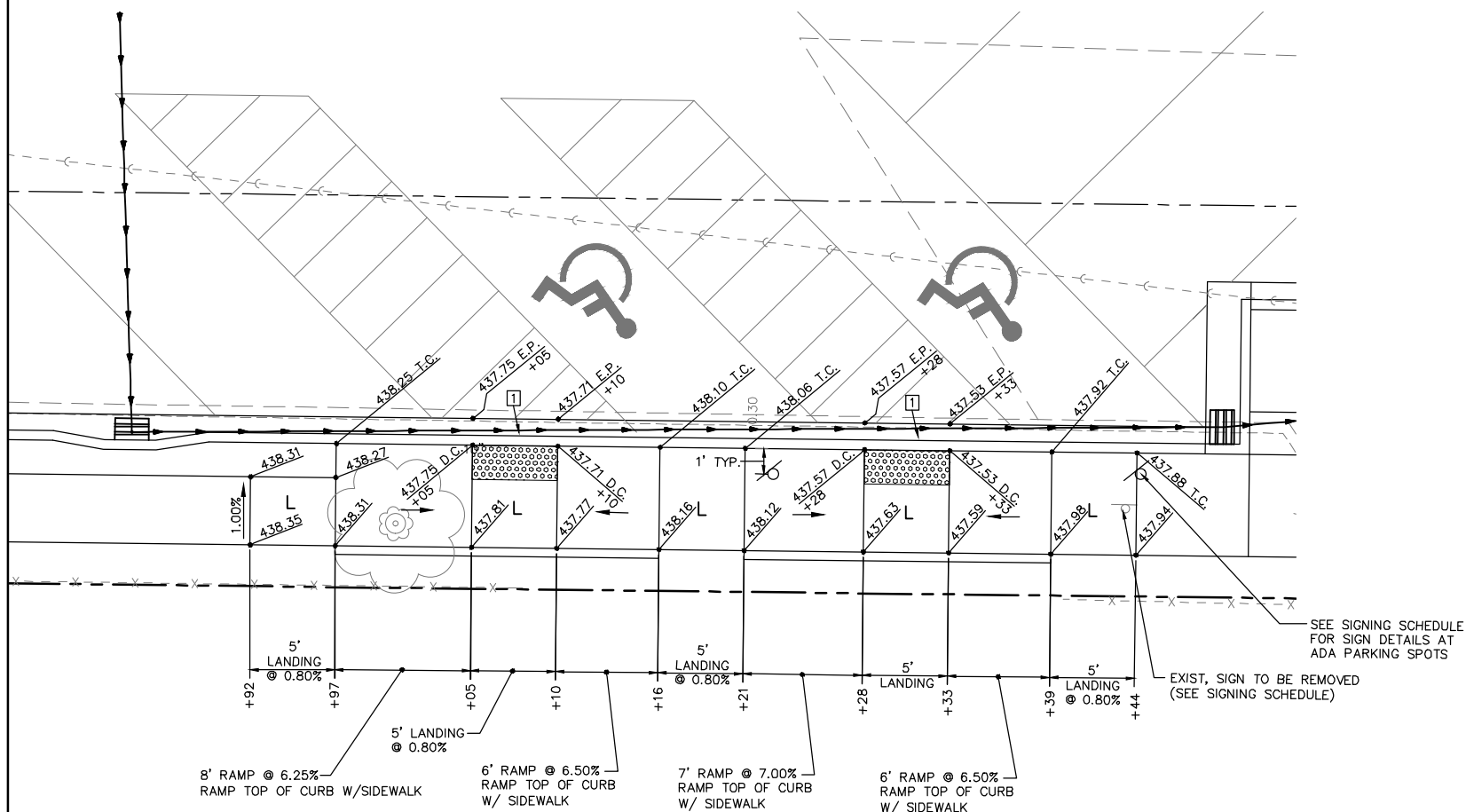
1 AT ADA RAMPS SLOPE GUTTER PAN @ 4.00%



PLAN DETAIL
CURB & GUTTER AT INLETS - TYPE 3
IN TYPE B-6.12 CURB & GUTTER



TYPICAL SECTION RIPRAP
NO SCALE



SPECIAL SIDEWALK GRADES
STA. 20+36 TO STA. 20+60

REVISIONS

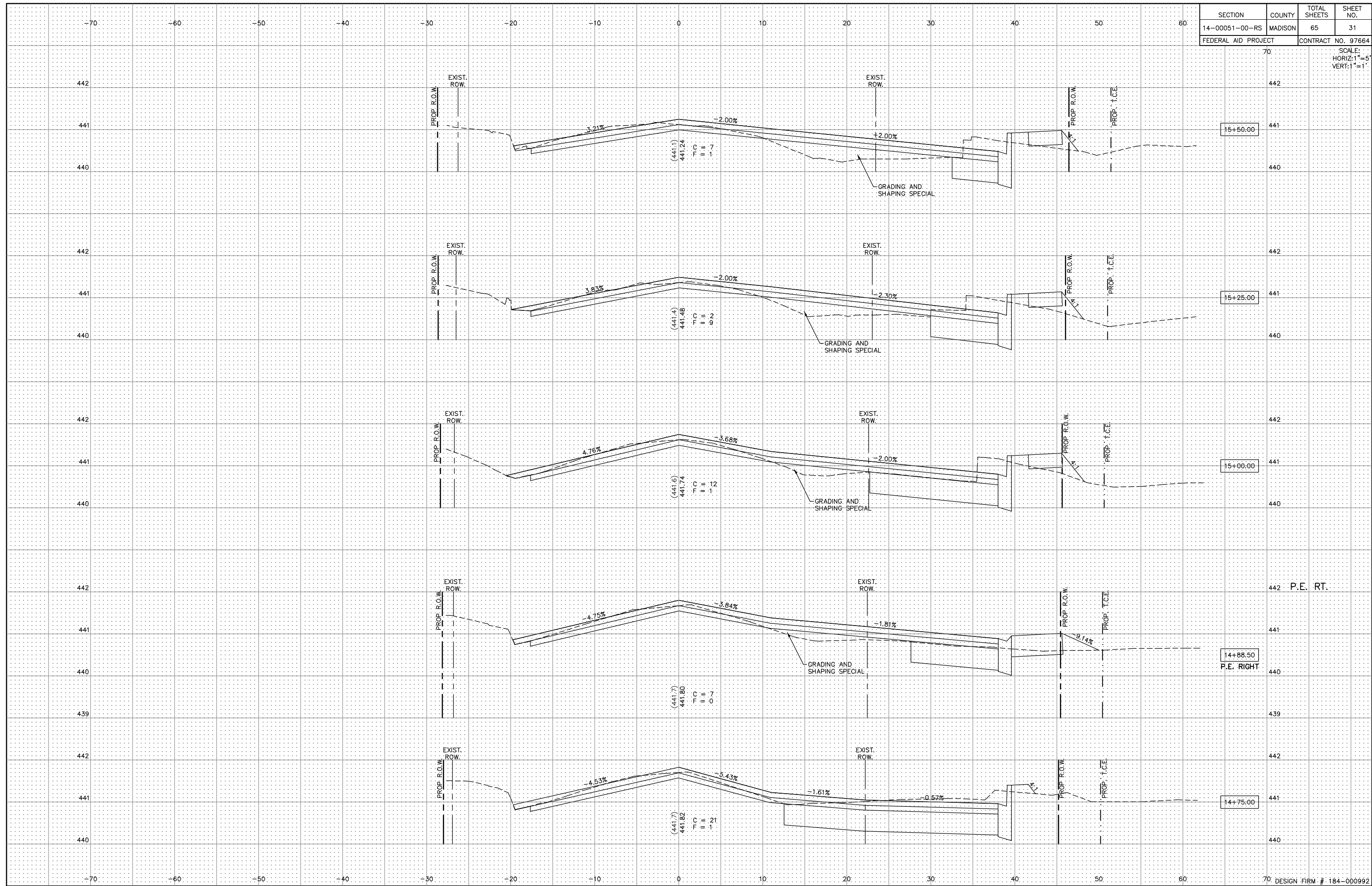
SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
715 Market Street, Alton, IL 62002 618-462-9755 Email: mail@smsengineers.com
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CITY OF WOOD RIVER, ILLINOIS
SECTION 14-00051-00-RS
6TH STREET
CONSTRUCTION DETAILS

CONTRACT NO.	97664
REF. BK.	PG.
JOB NO.	489052.1
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	NOV. 2017
SCALE:	1" = 5'
SHEET	29 OF 65

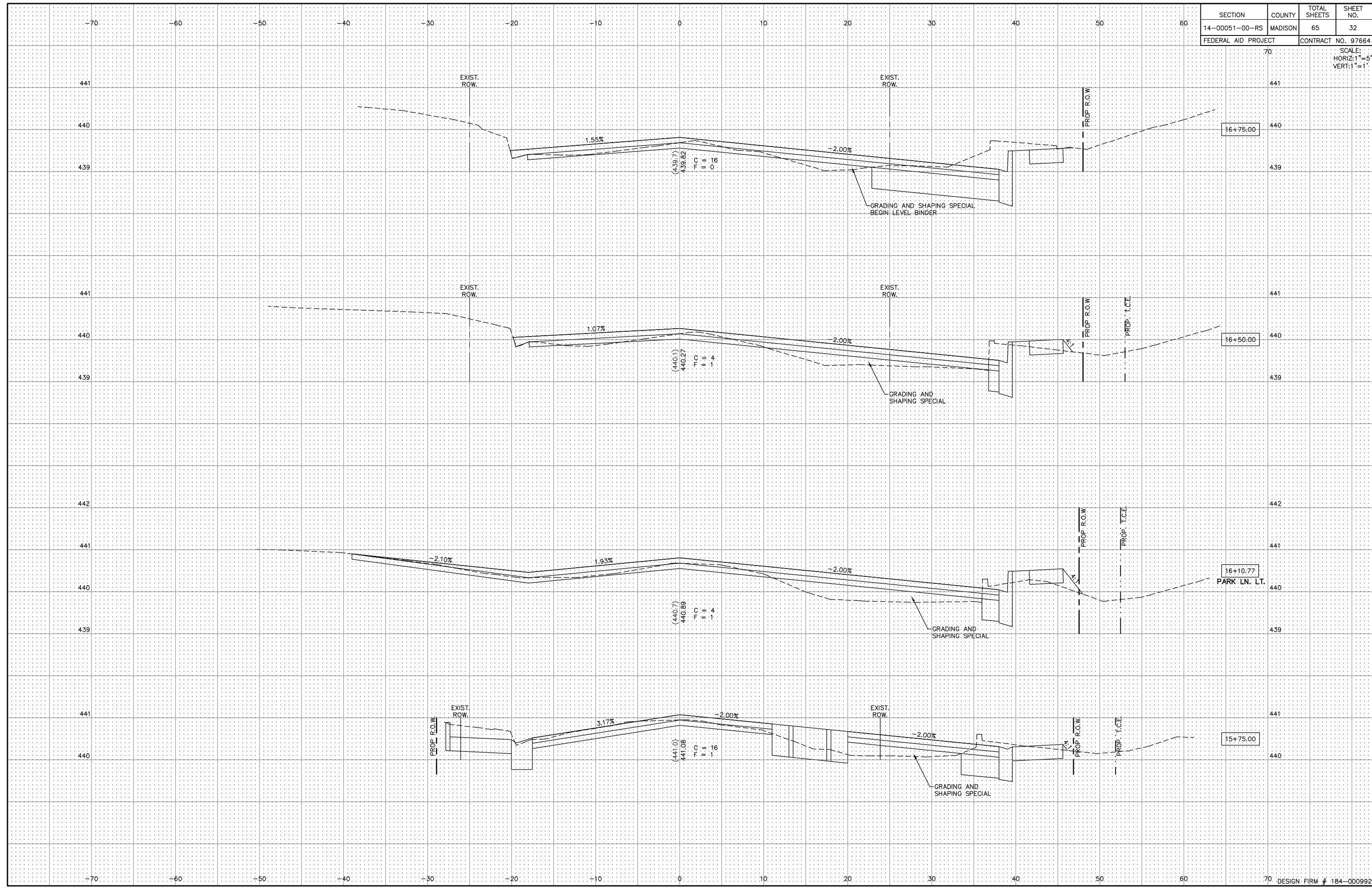
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	31
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



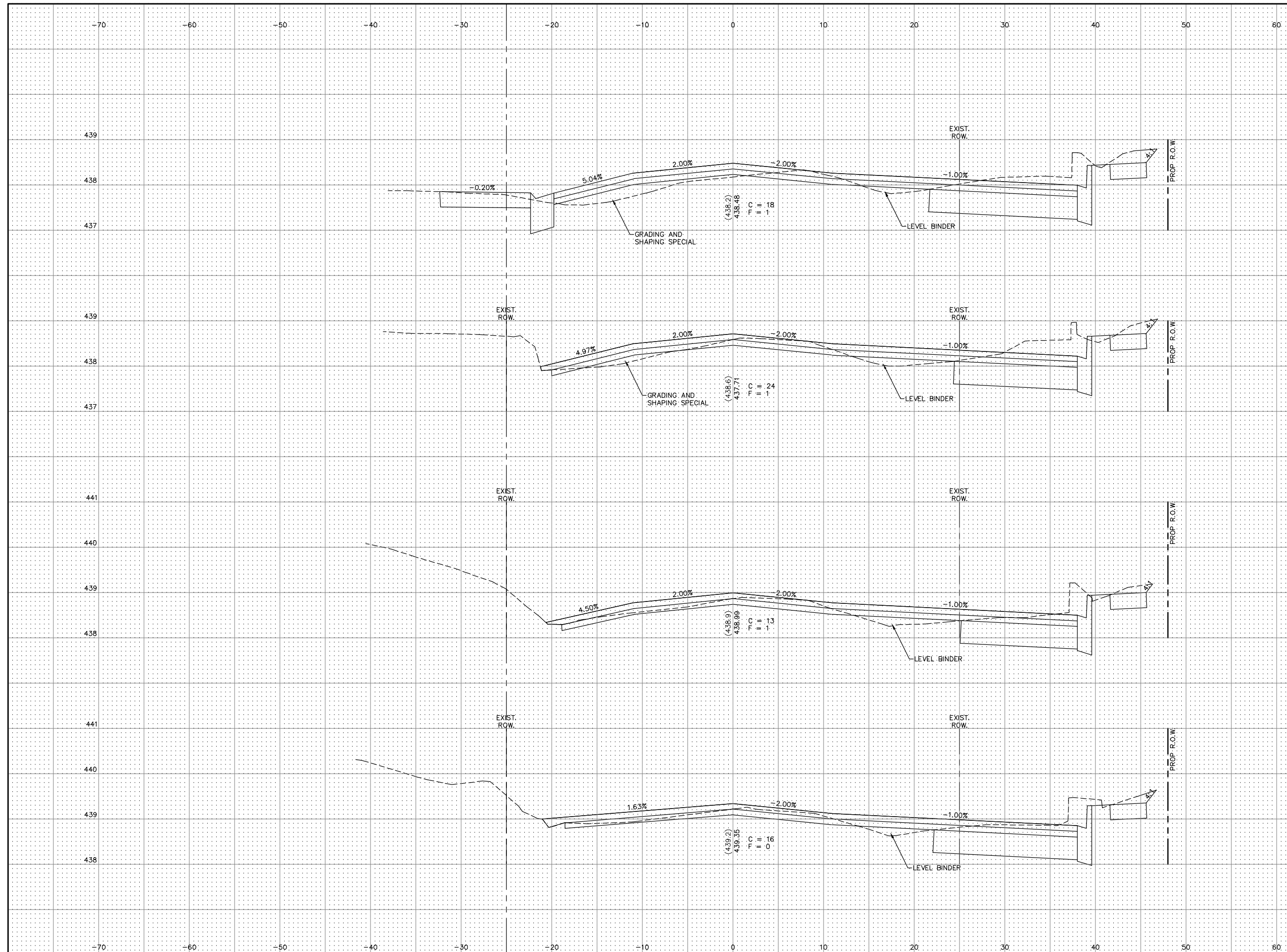
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	32
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	33
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



17+74.50
ALLEY LT.

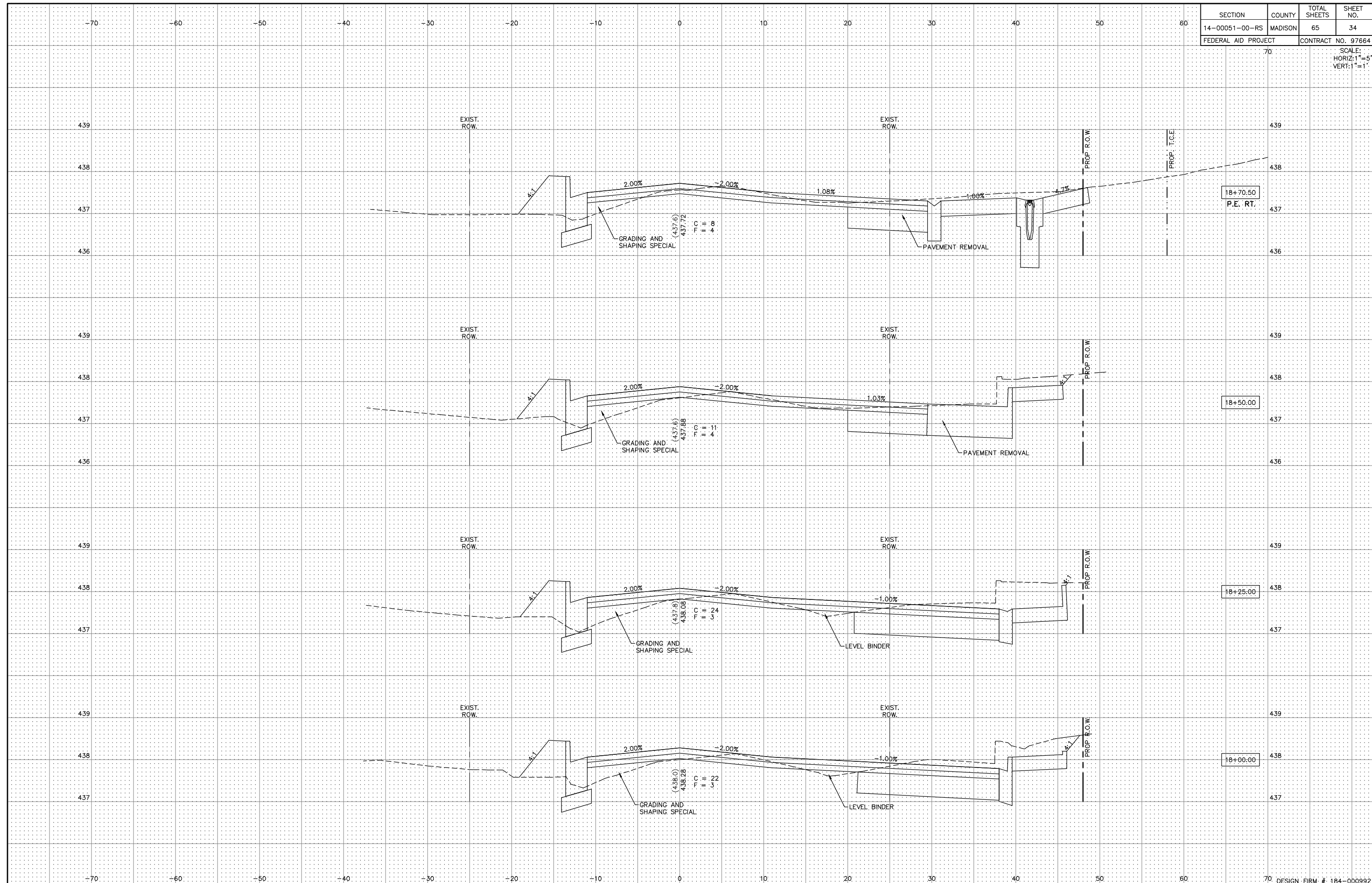
17+50.00

17+25.00

17+00.00

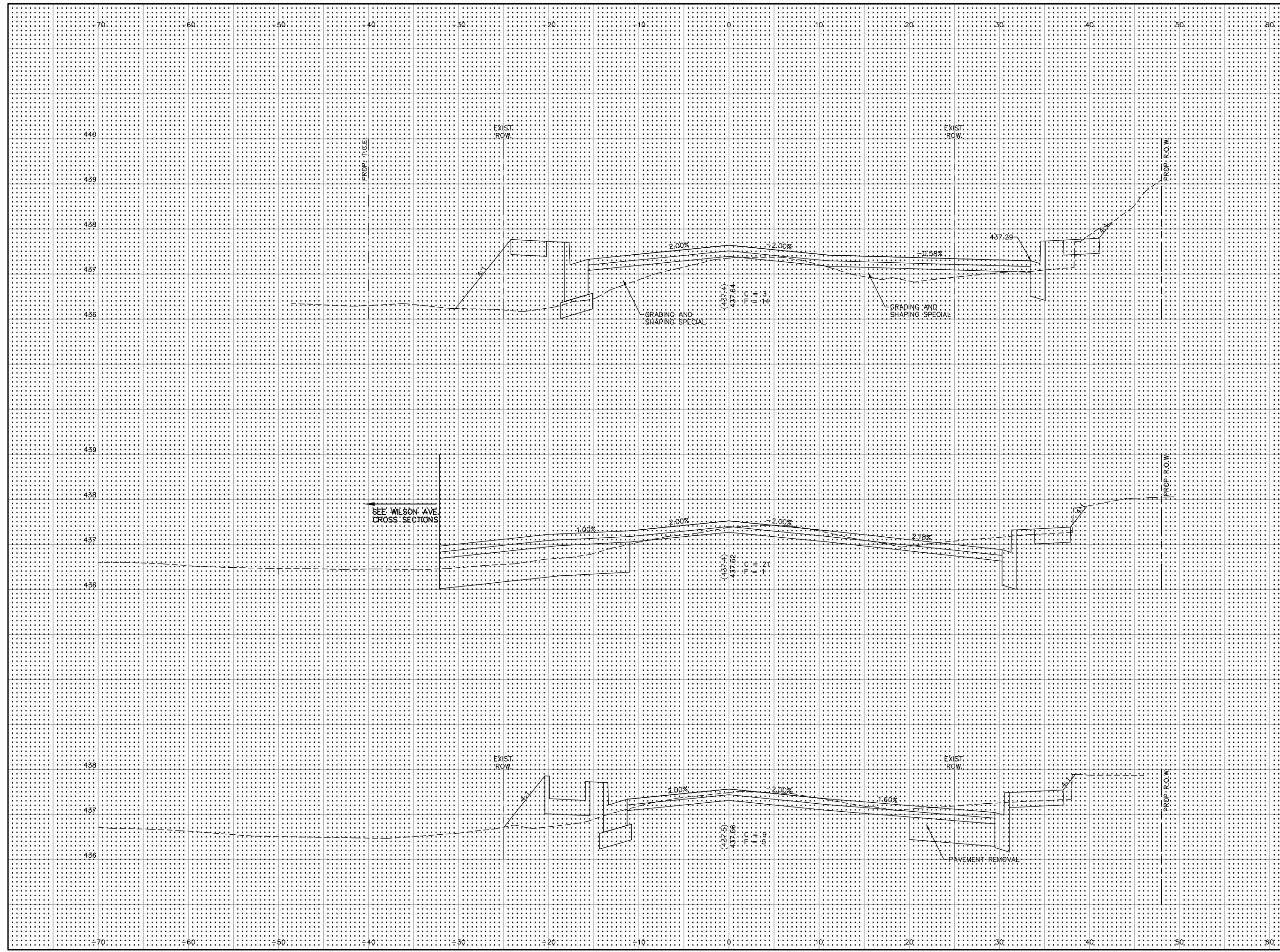
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	34
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	35
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'

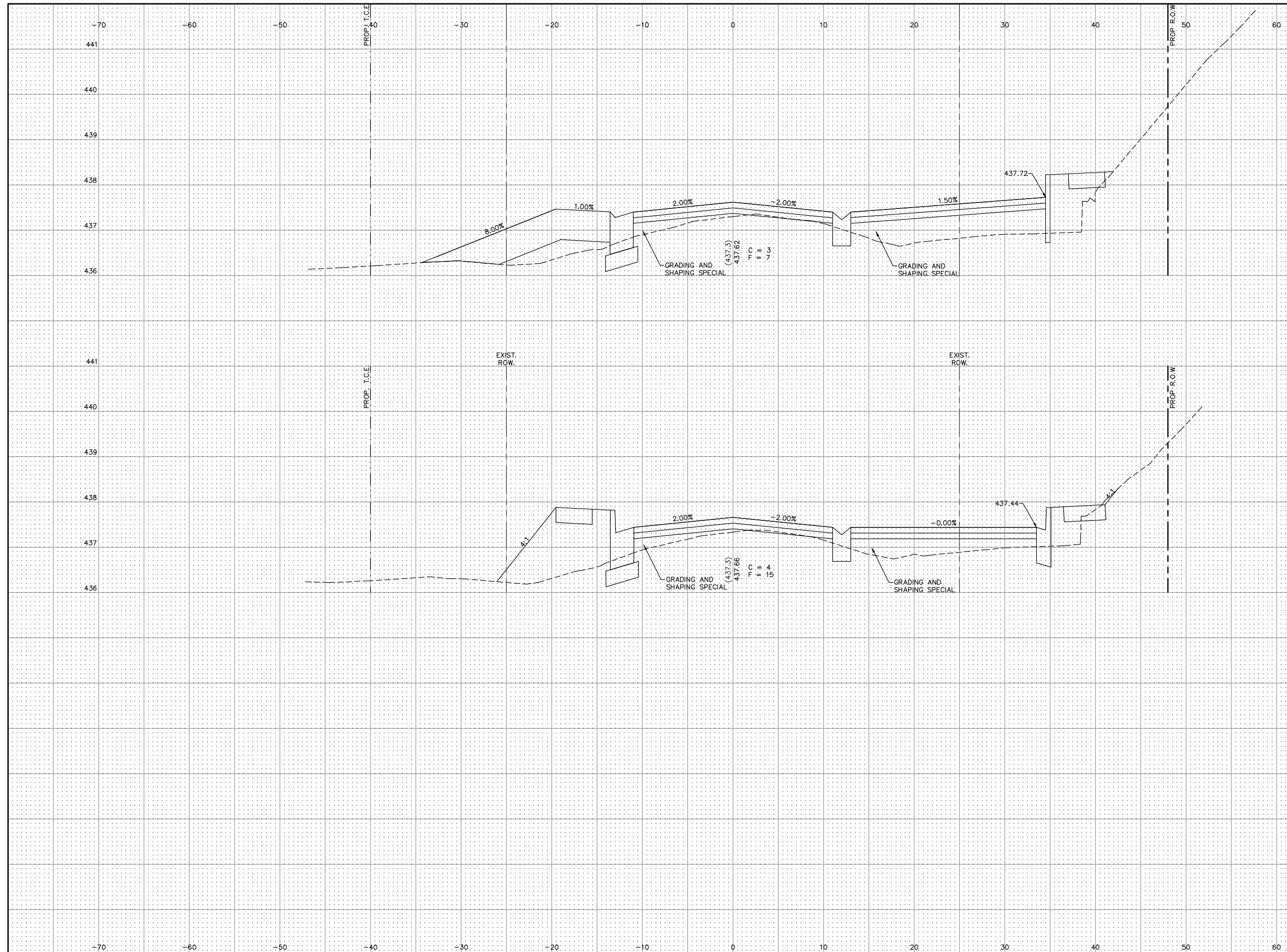


19+75:00

19+55:50
WILSON AVE. LT.

19+00:00

WILSON AVE. LT.



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	36
FEDERAL AID PROJECT #		CONTRACT NO. 97664	

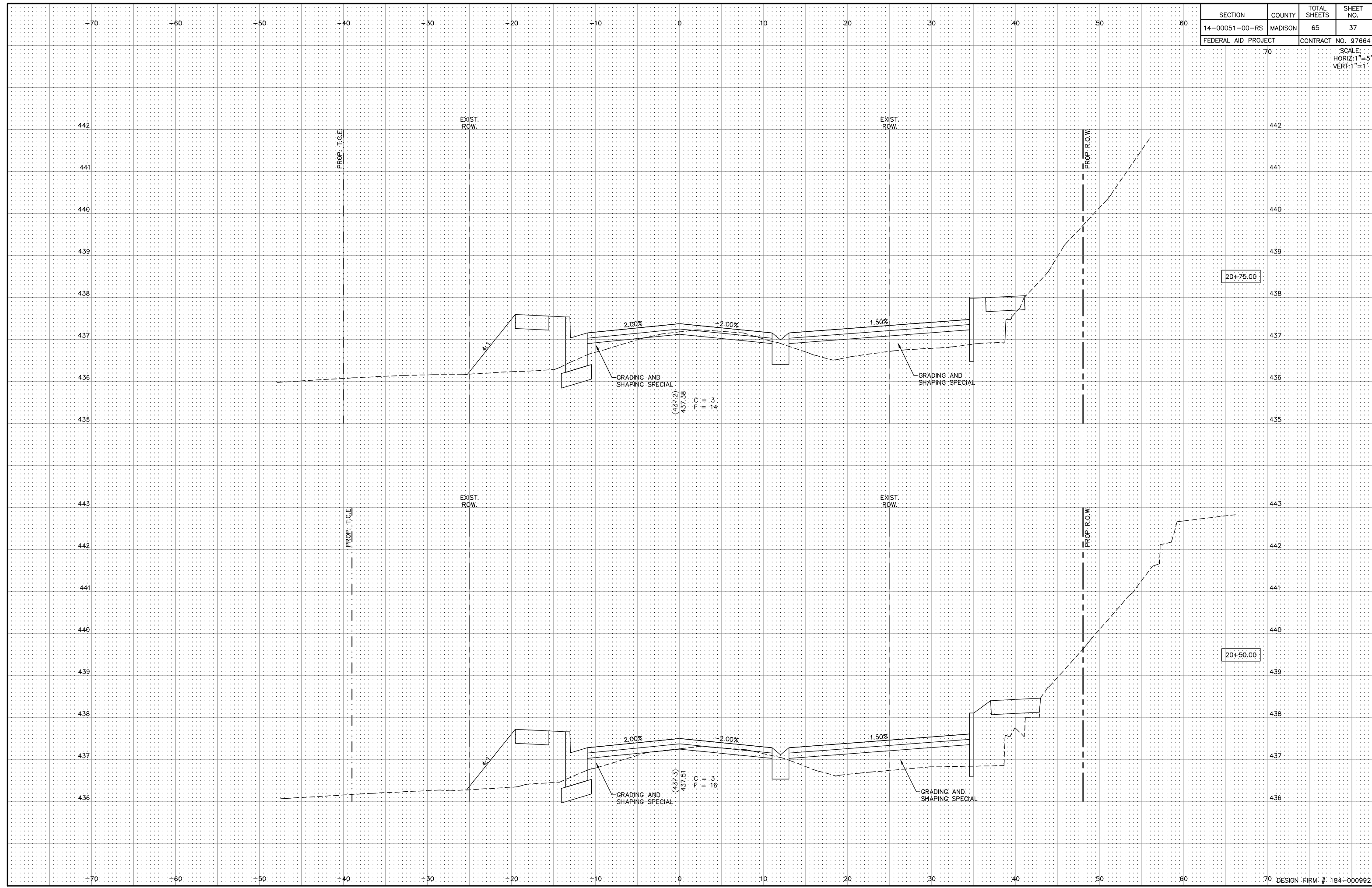
SCALE:
HORIZ: 1"=5'
VERT: 1"=1'

20+25.00
C.E. LT.

19+95.00

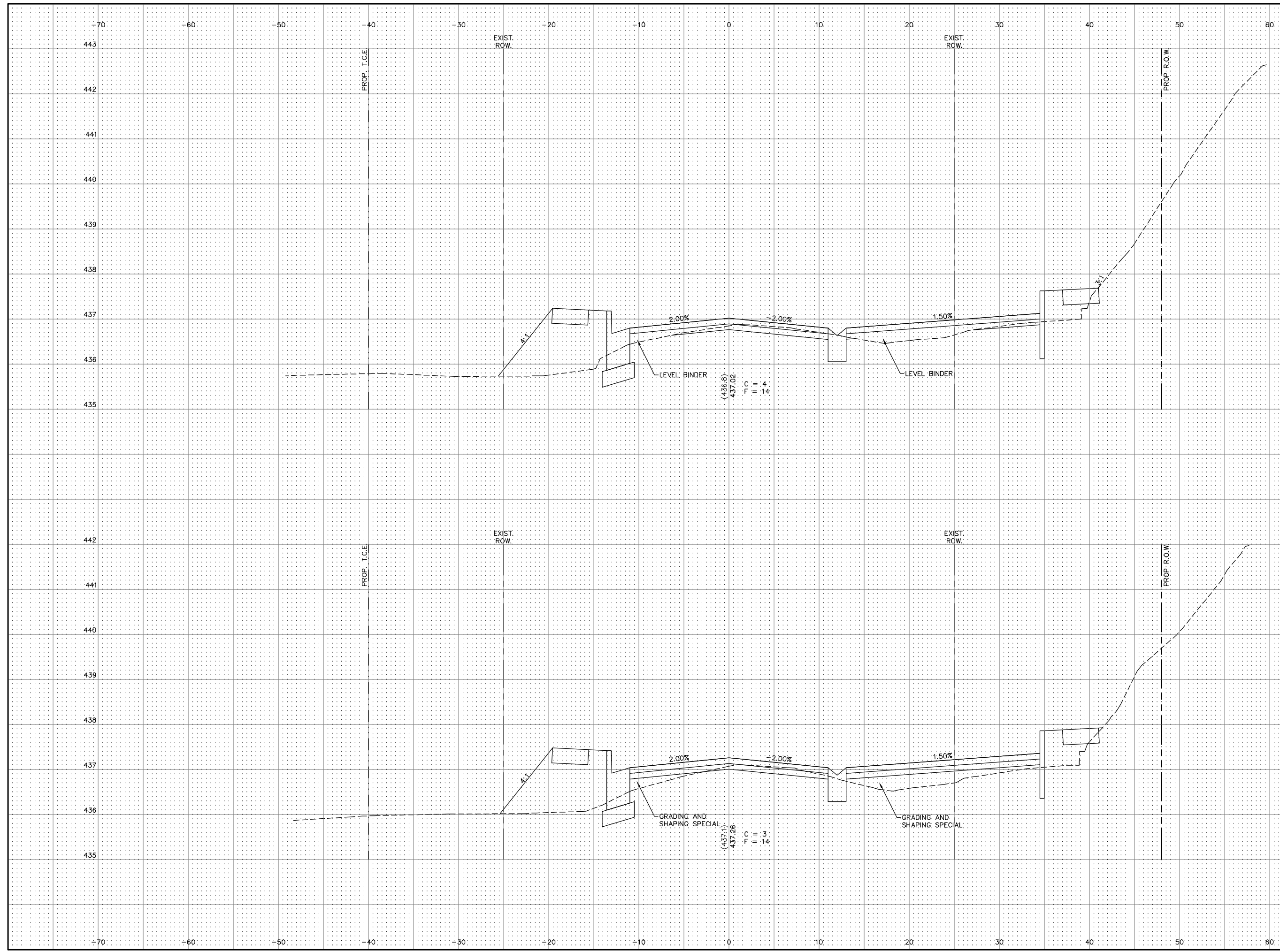
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	37
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	38
FEDERAL AID PROJECT # 43		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



21+50.00

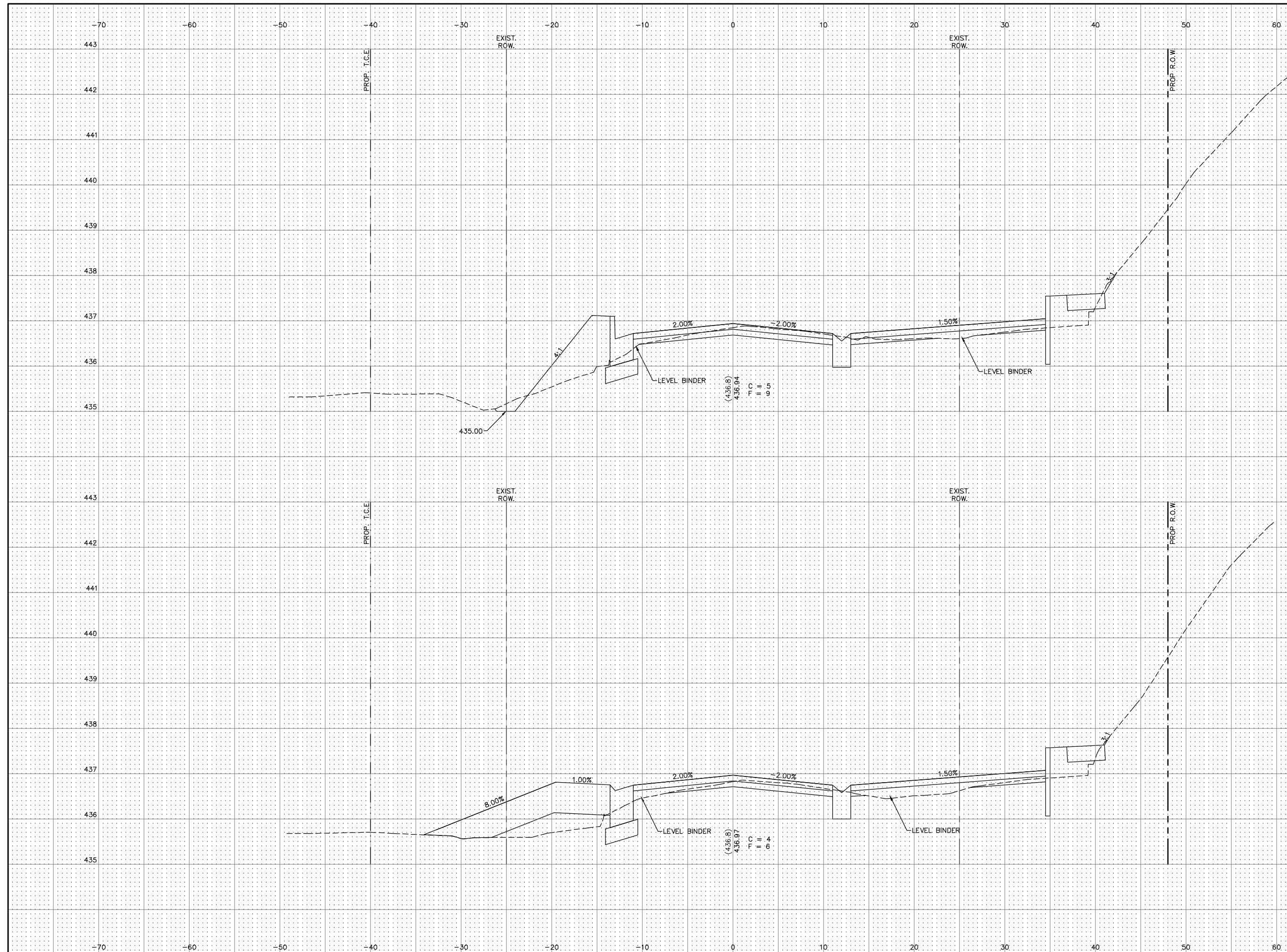
21+00.00

(436.8)
437.02
T.C. 4
|| 14

(437.1)
437.26
T.C. 3
|| 14

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	39
FEDERAL AID PROJECT # 43		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'

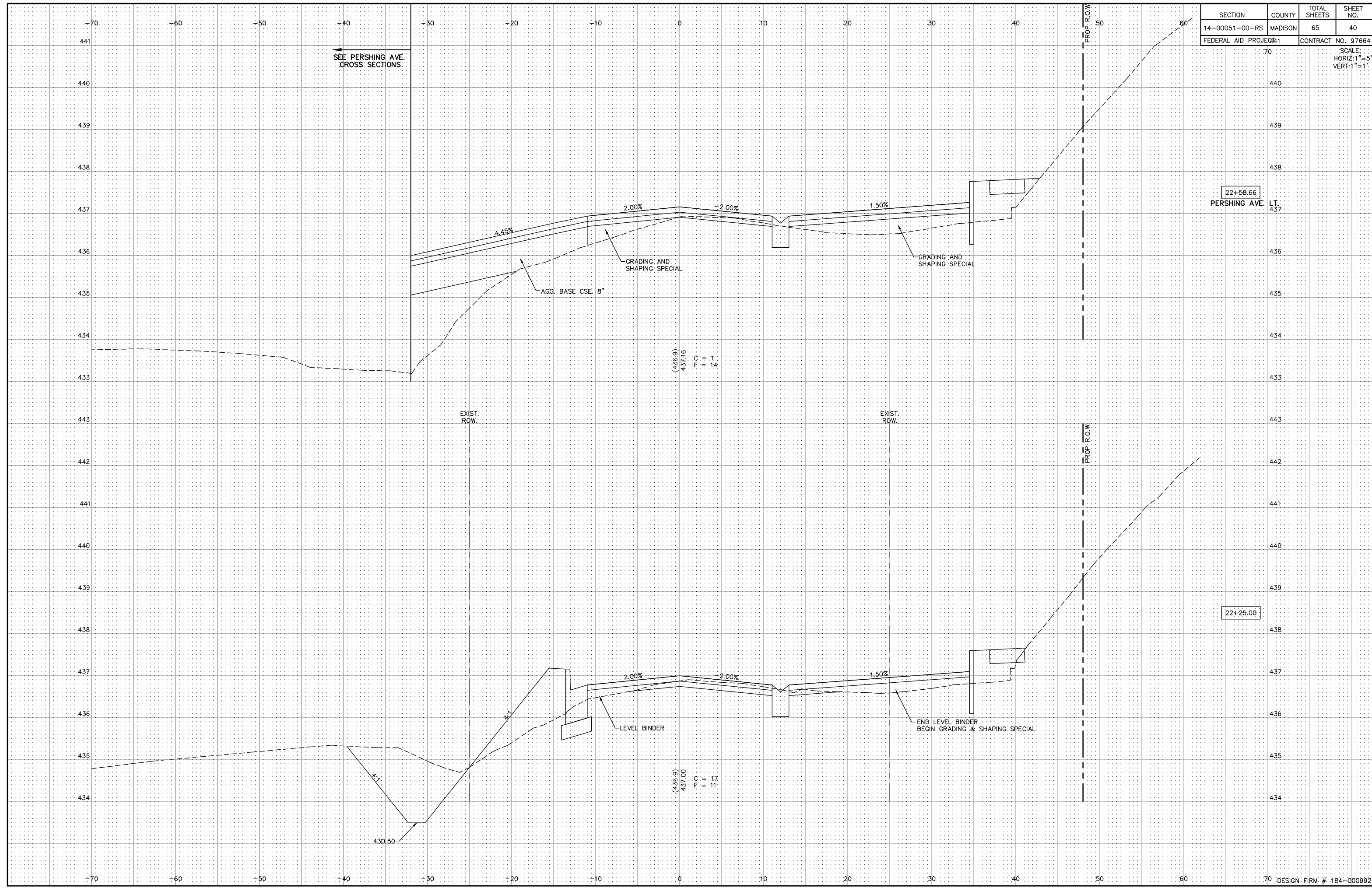


221+00.00

21+65.00
C.E. LT.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	40
FEDERAL AID PROJECT #		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SEE PERSHING AVE.
CROSS SECTIONS

22+58.66
PERSHING AVE.

22+25.00

EXIST. ROW.

EXIST. ROW.

PROP. ROW.

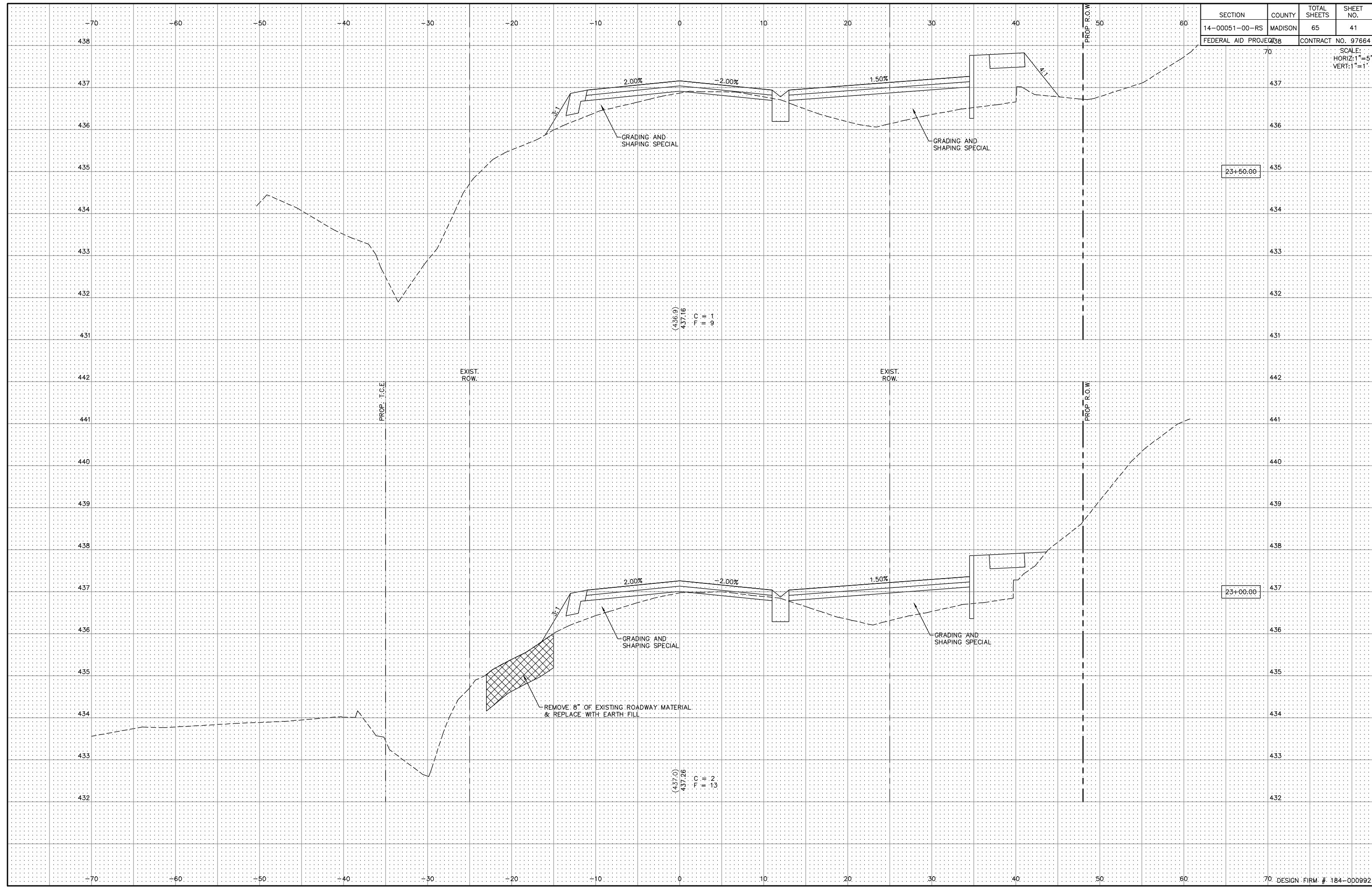
(436.9)
437.16
PVI
L=14

(436.9)
437.00
PVI
L=17

430.50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	41
FEDERAL AID PROJECT NO. 38		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



23+50.00

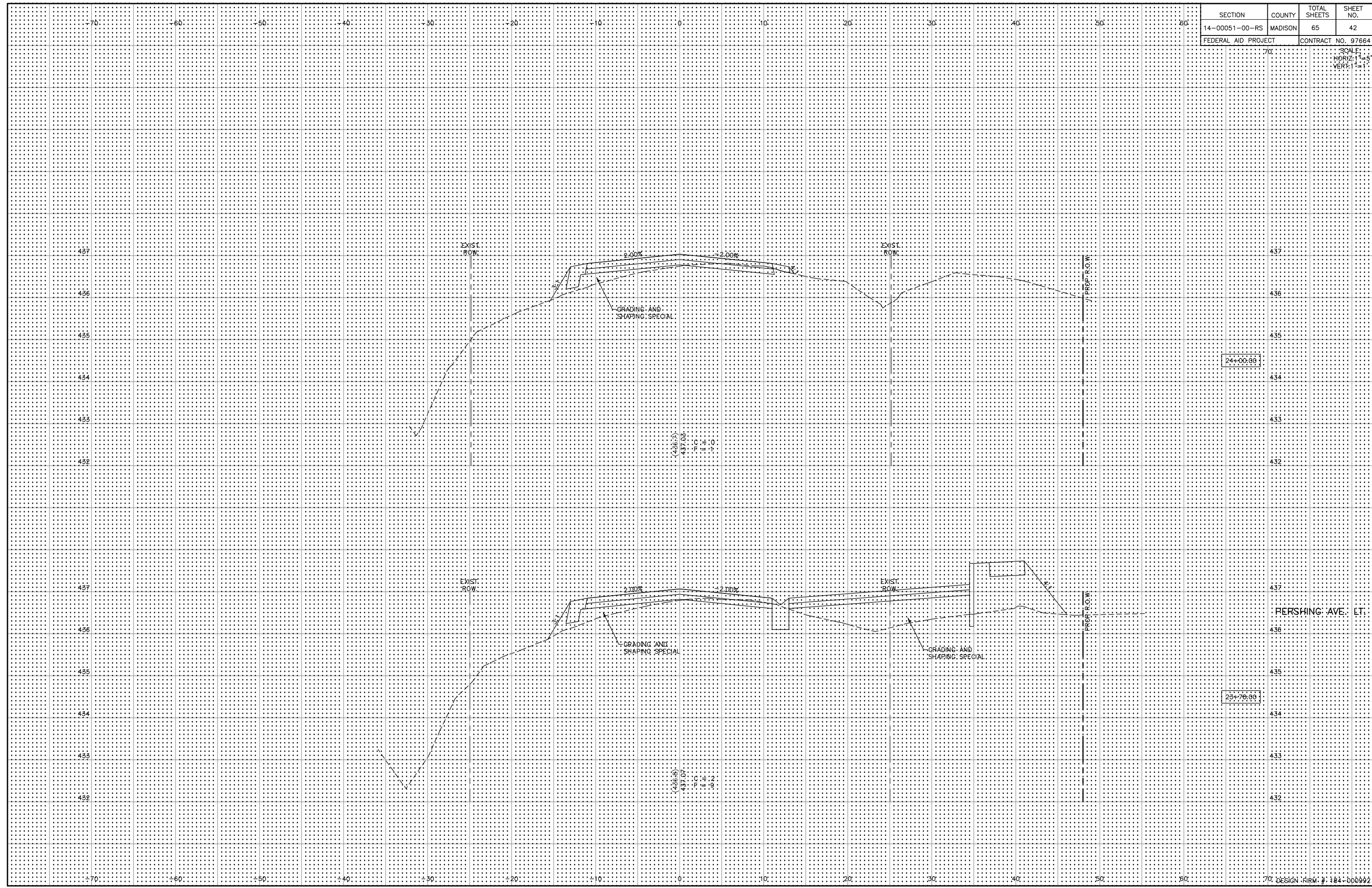
23+00.00

(436.9)
437.16
T.C
|||
9.1

(437.0)
437.26
T.C
|||
2
13

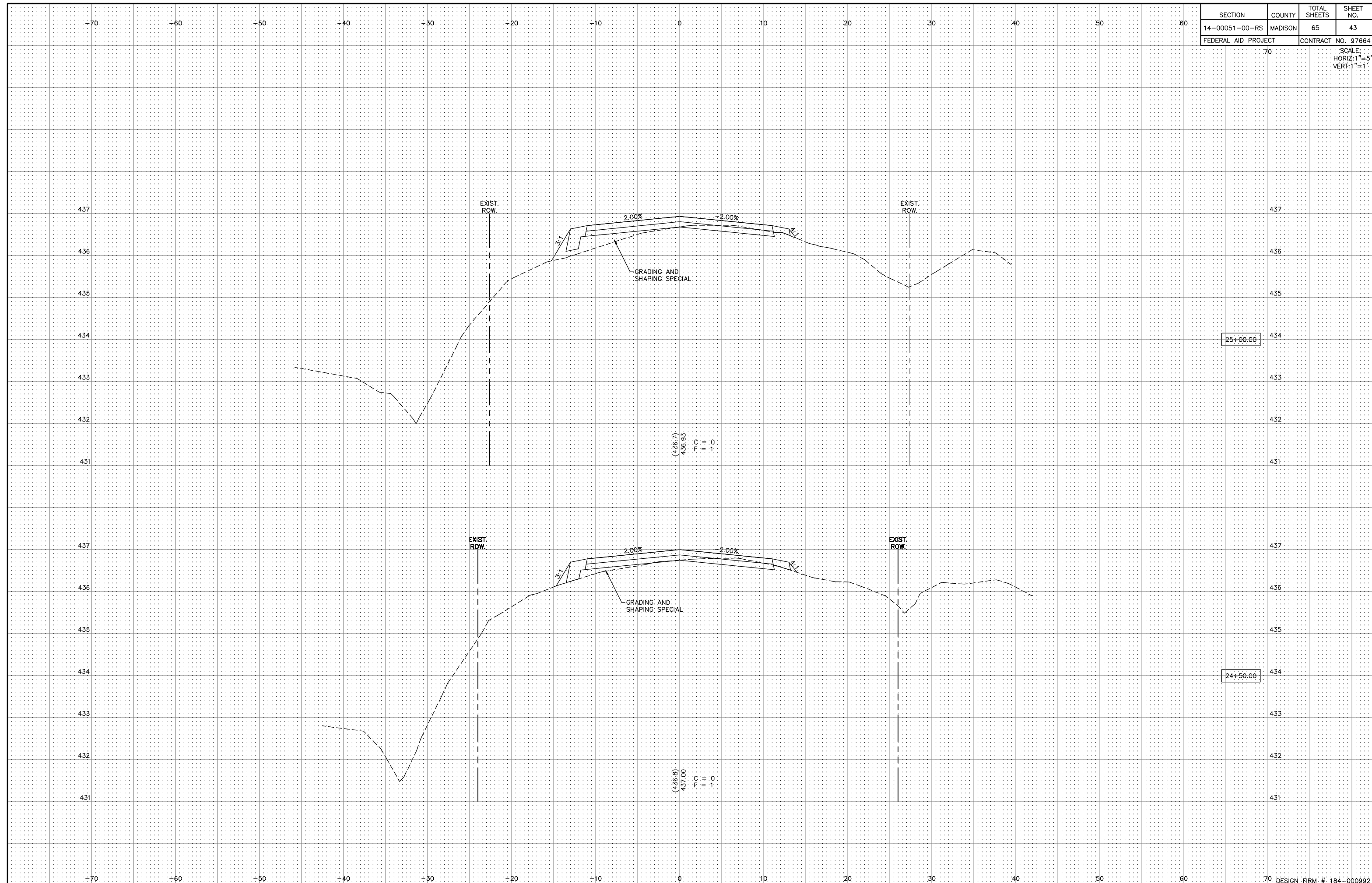
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	42
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



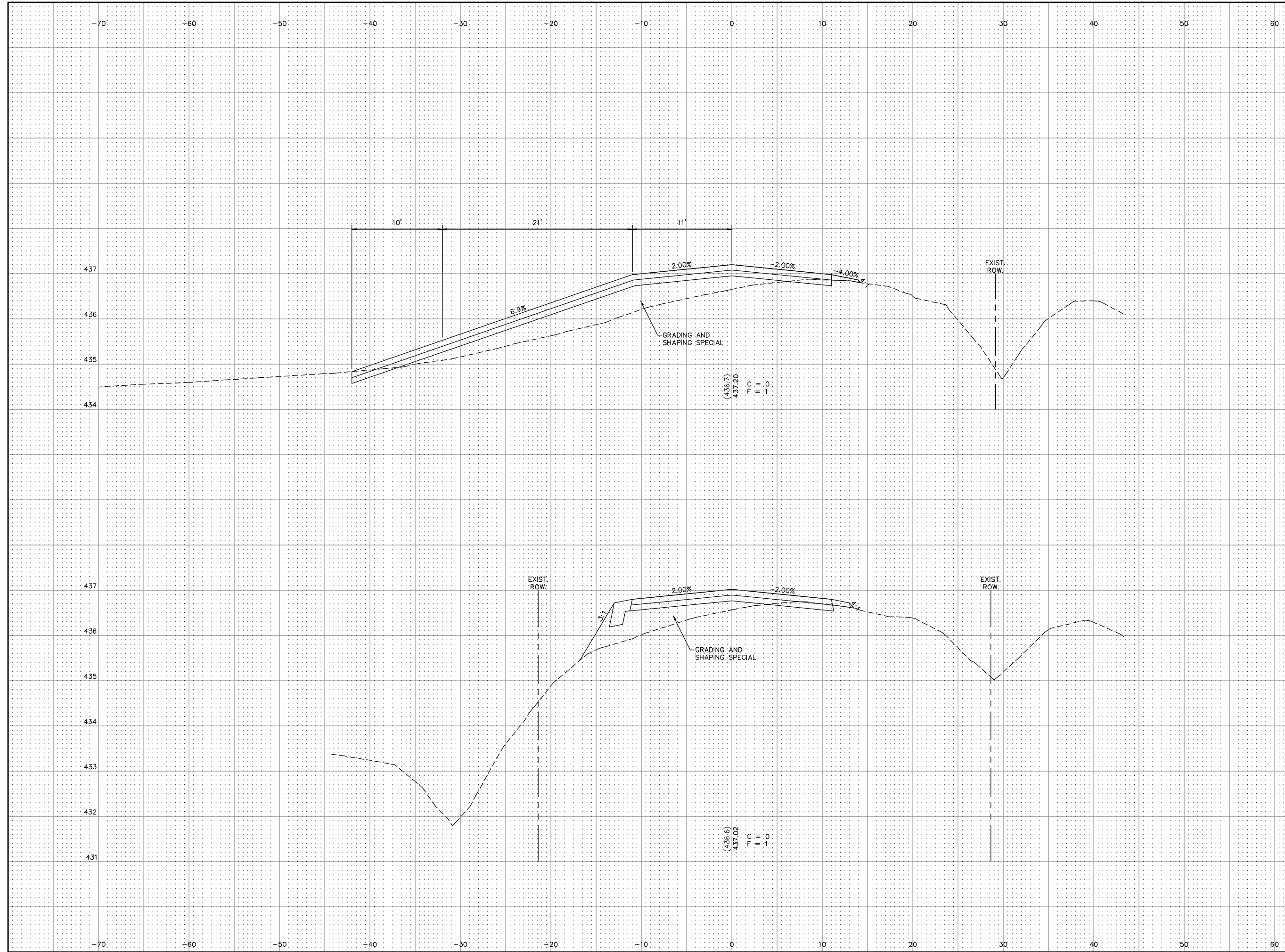
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	43
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	44
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'

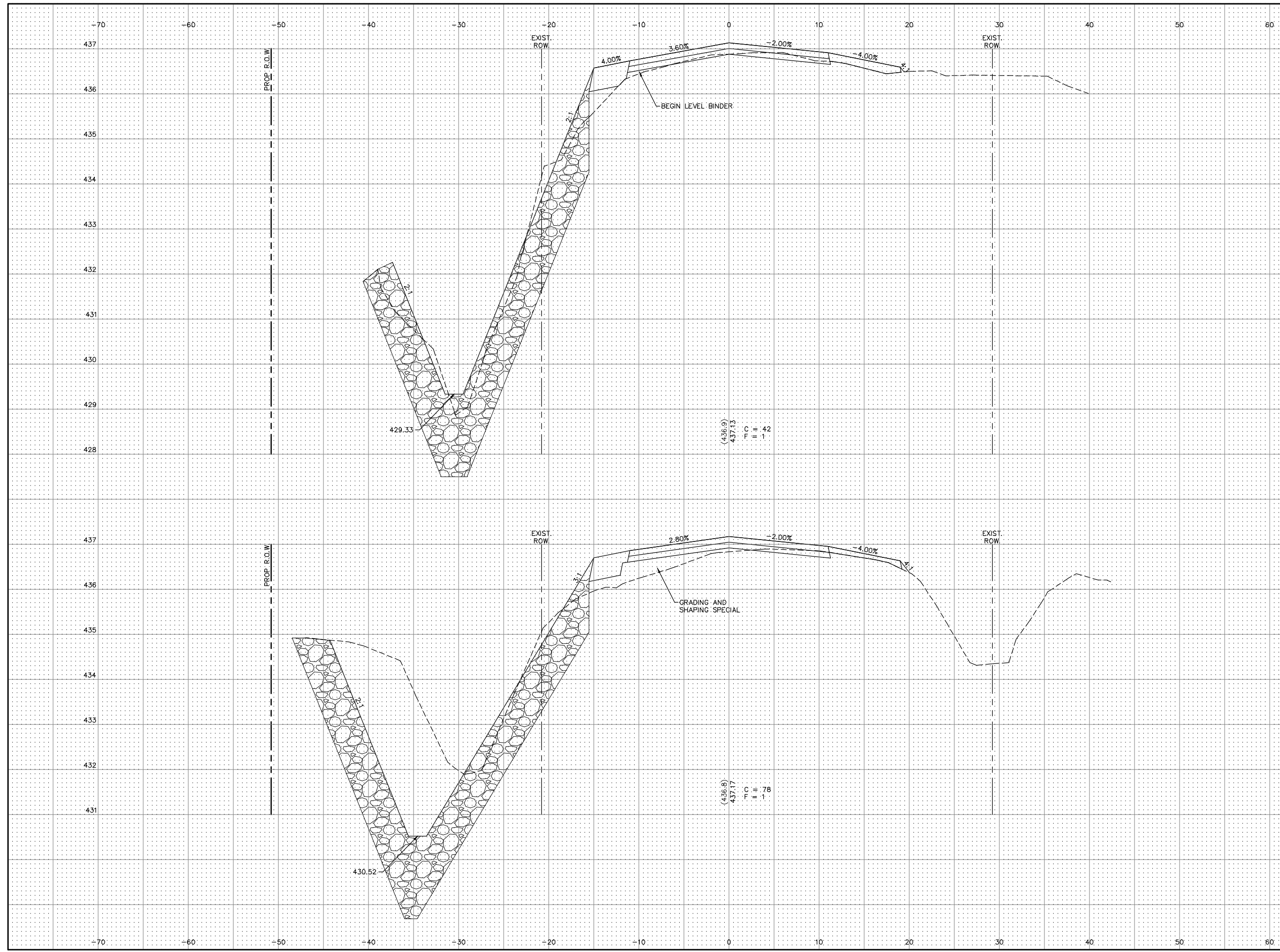


25+88.06
ROOSEVELT AVE. LT.

25+50.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	45
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



(436.9)	TC	42
437.13	PI	1

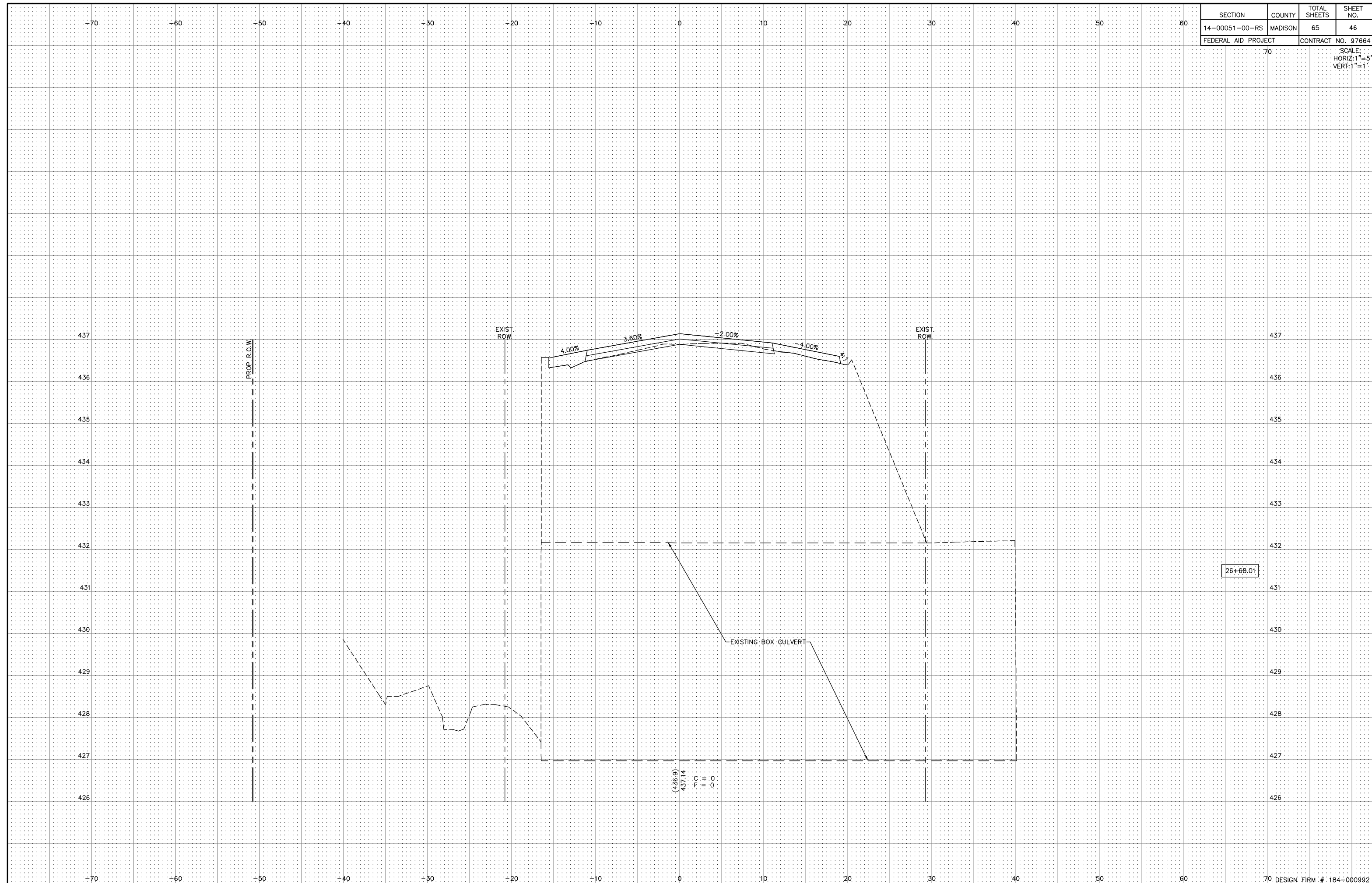
(436.8)	TC	78
437.17	PI	1

26+50.00

26+25.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	46
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'

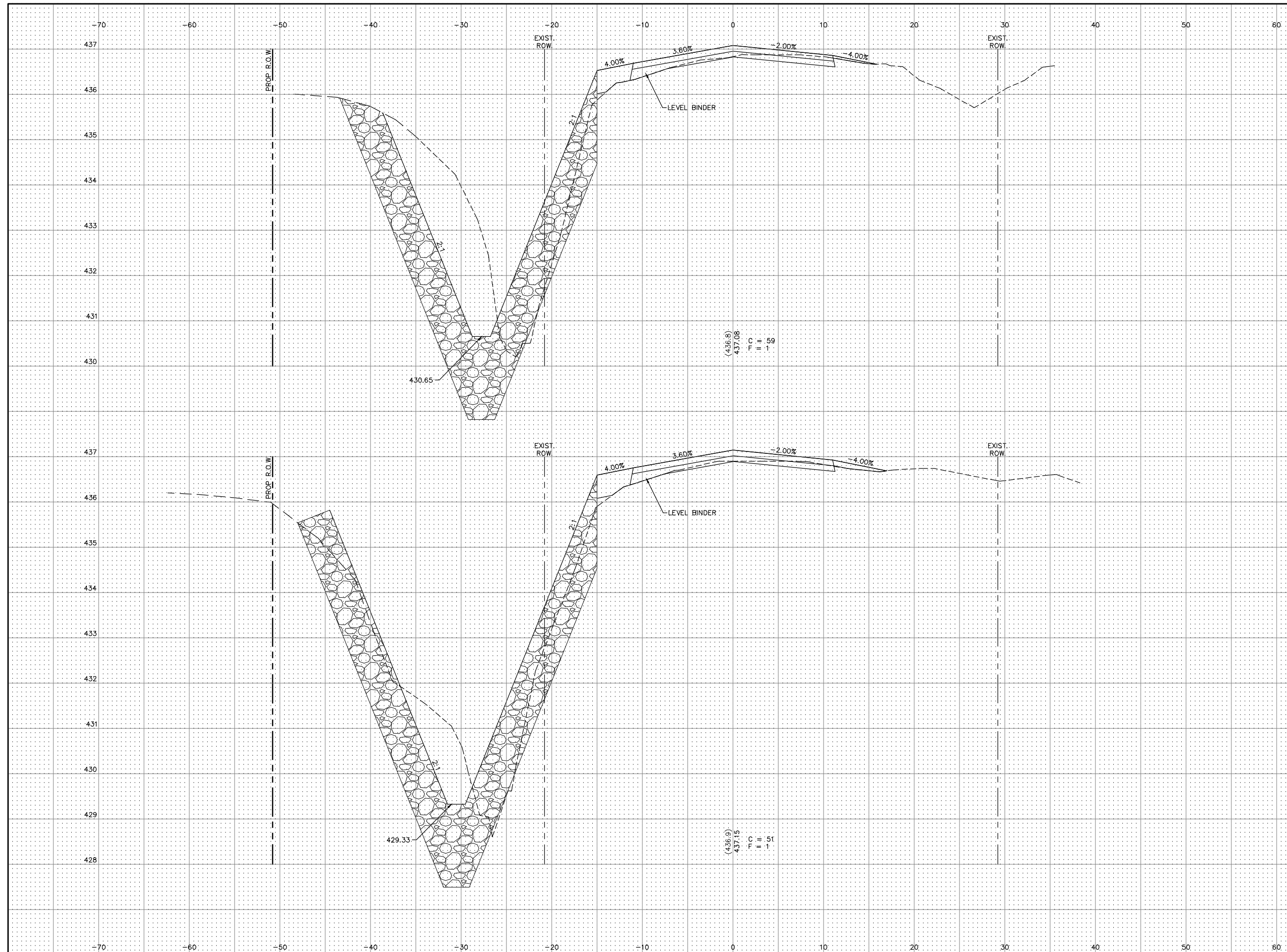


26+68.01

437.14
436.9

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	47
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



27+00.00

26+84.00

430.65

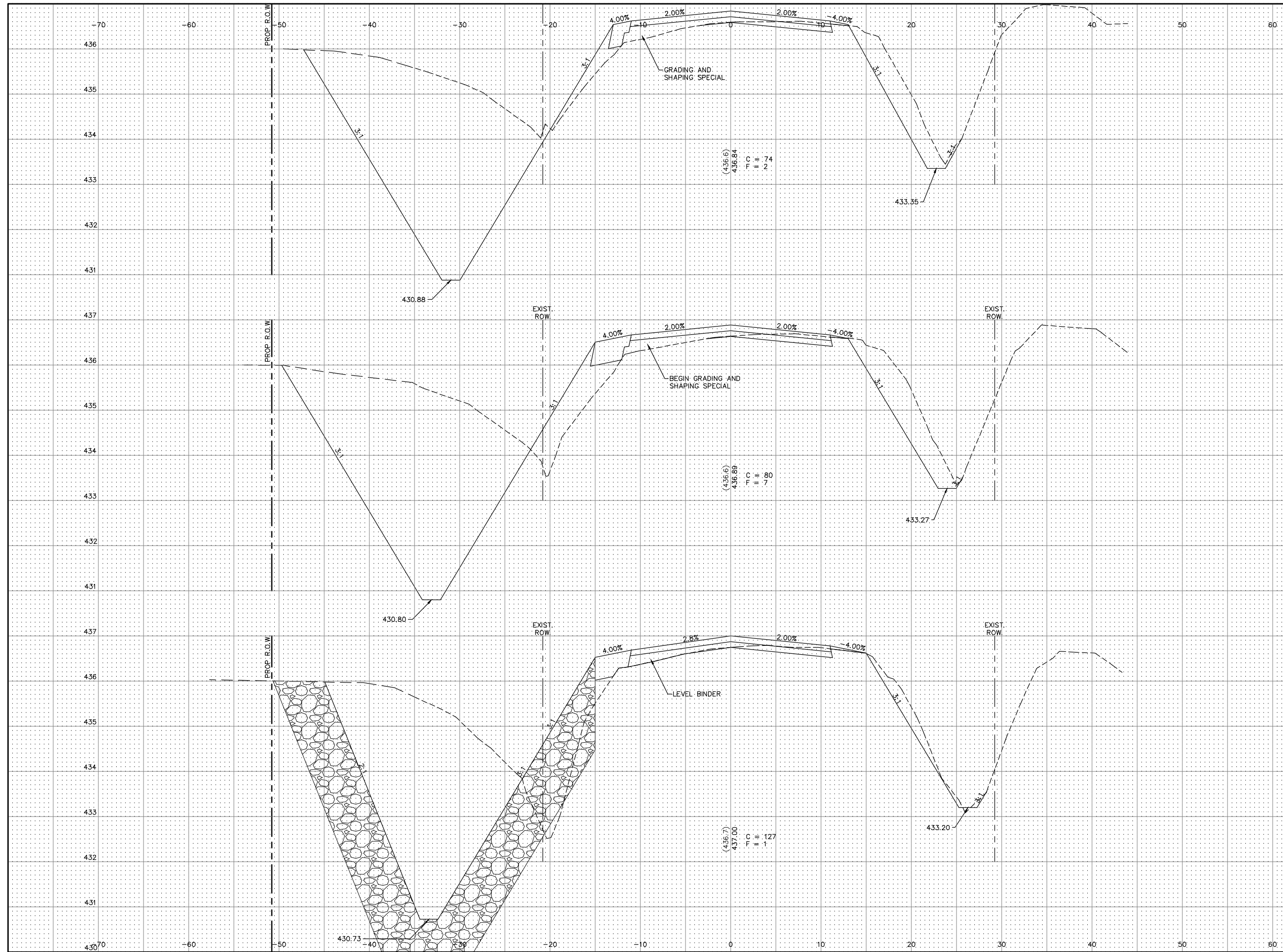
429.33

(436.6)
437.08
T.C.
59

(426.9)
427.15
T.C.
51

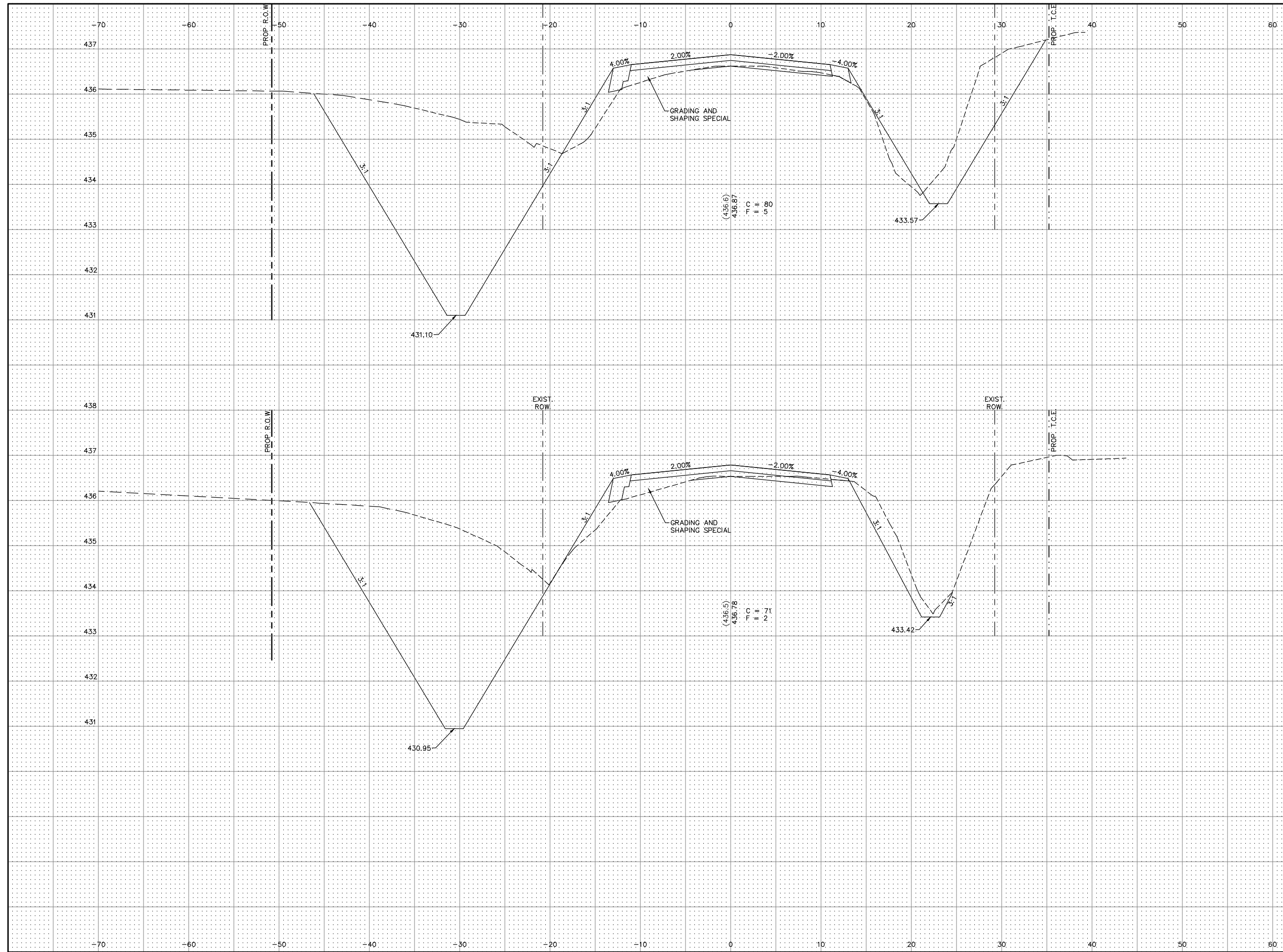
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	48
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	49
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'

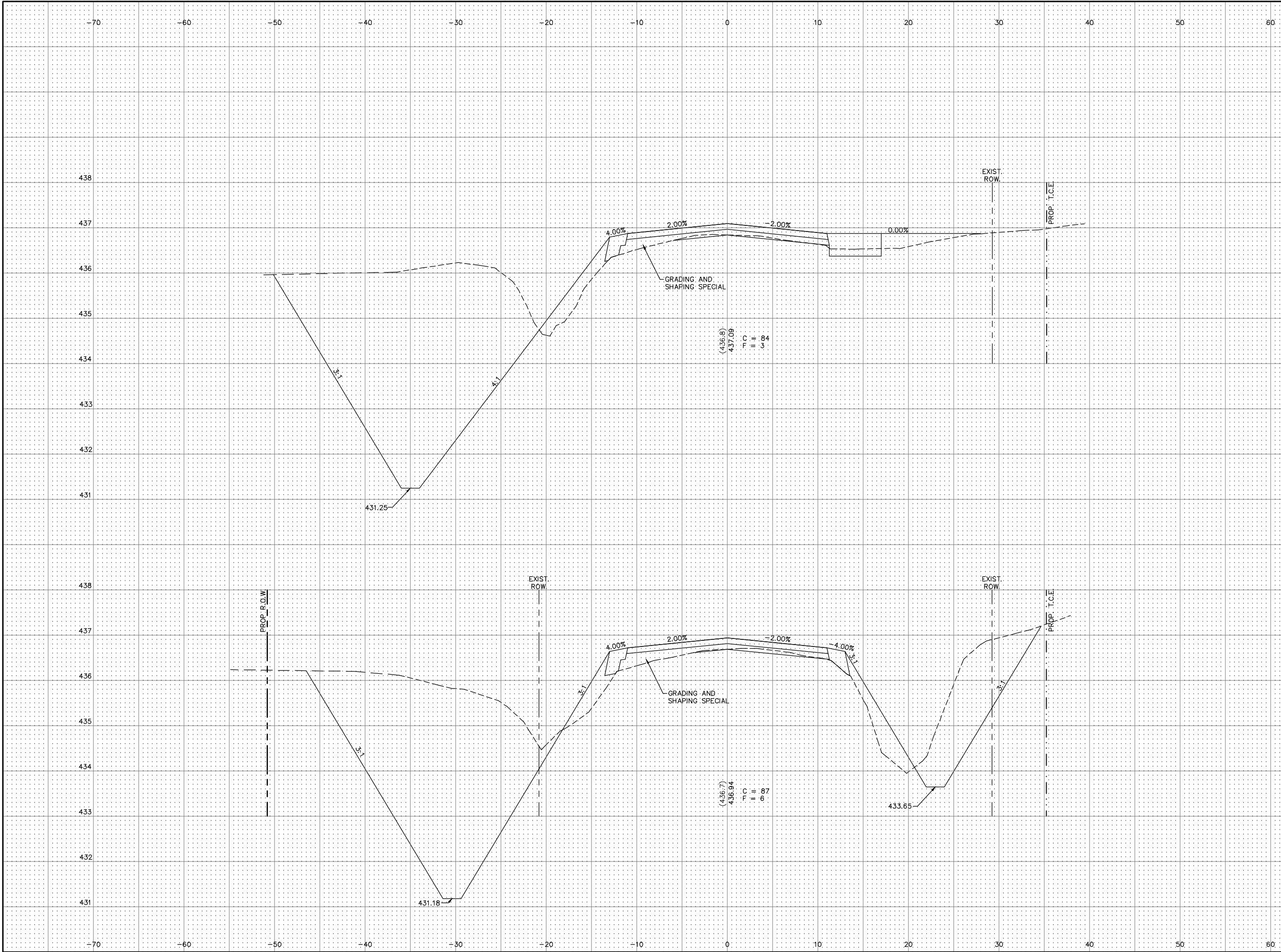


28+50.00

28+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	50
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'

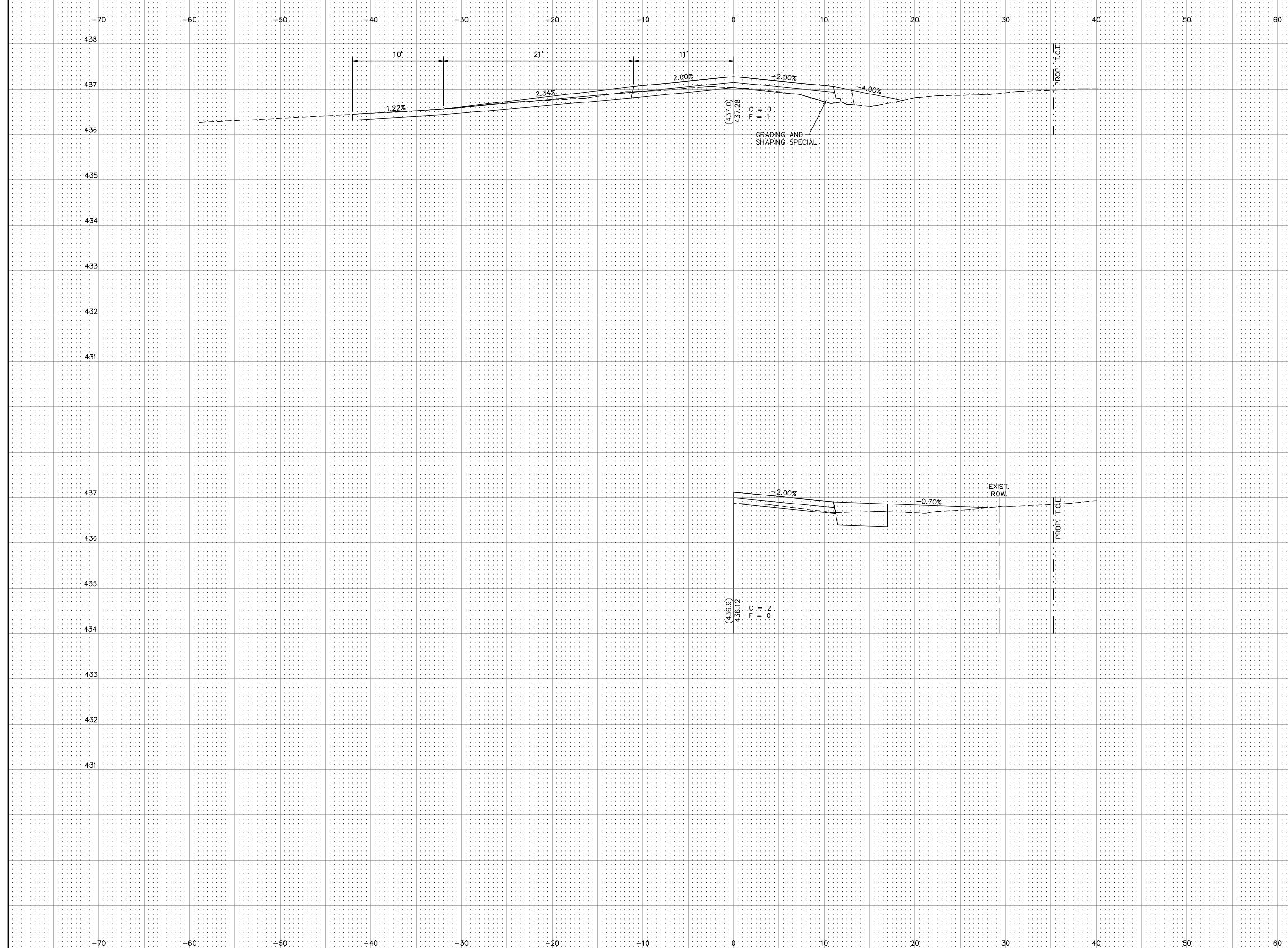


29+00.00

28+75.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	51
FEDERAL AID PROJECT NO. 38		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



29+27.23
GRAND AVE. LT.

29+06.00
P.E. RT.

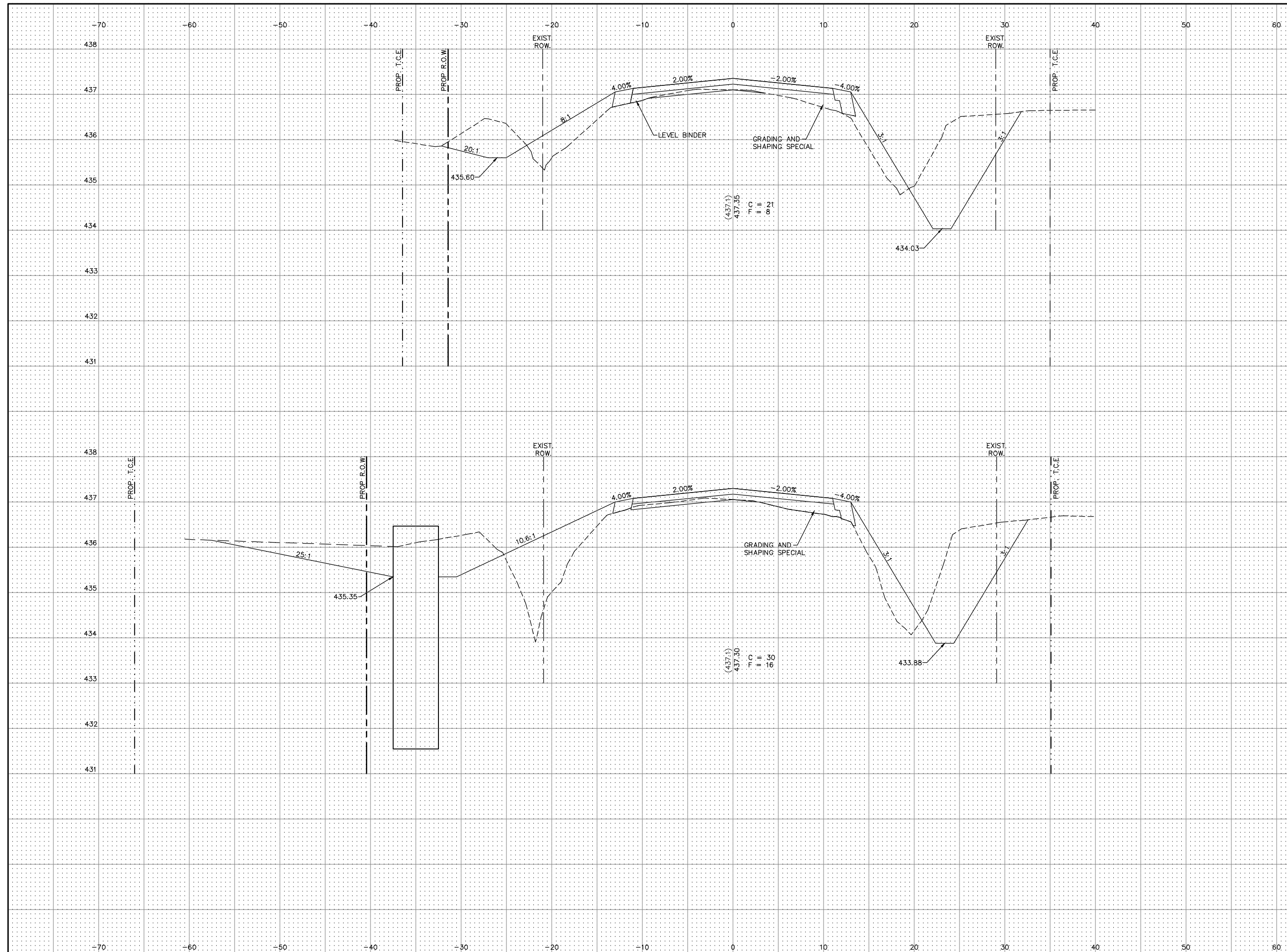
(436.9)
436.12
T.C.
II.
02

(437.0)
437.28
T.C.
II.
01

GRADING AND SHAPING SPECIAL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	52
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



30+00.00

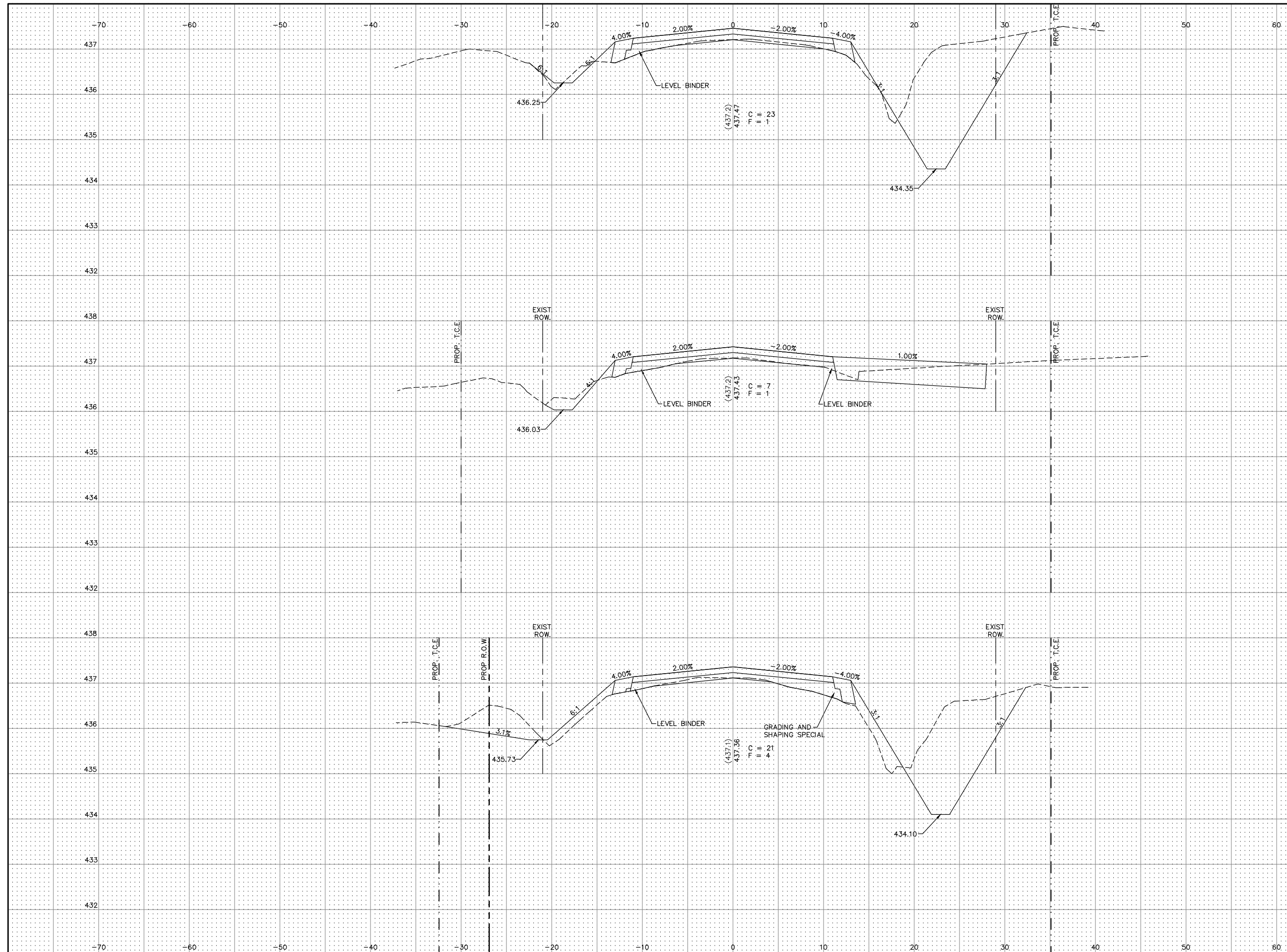
29+50.00

(437.1)
437.35
T.C
|| 21
|| 8

(437.1)
437.30
T.C
|| 30
|| 16

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	53
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



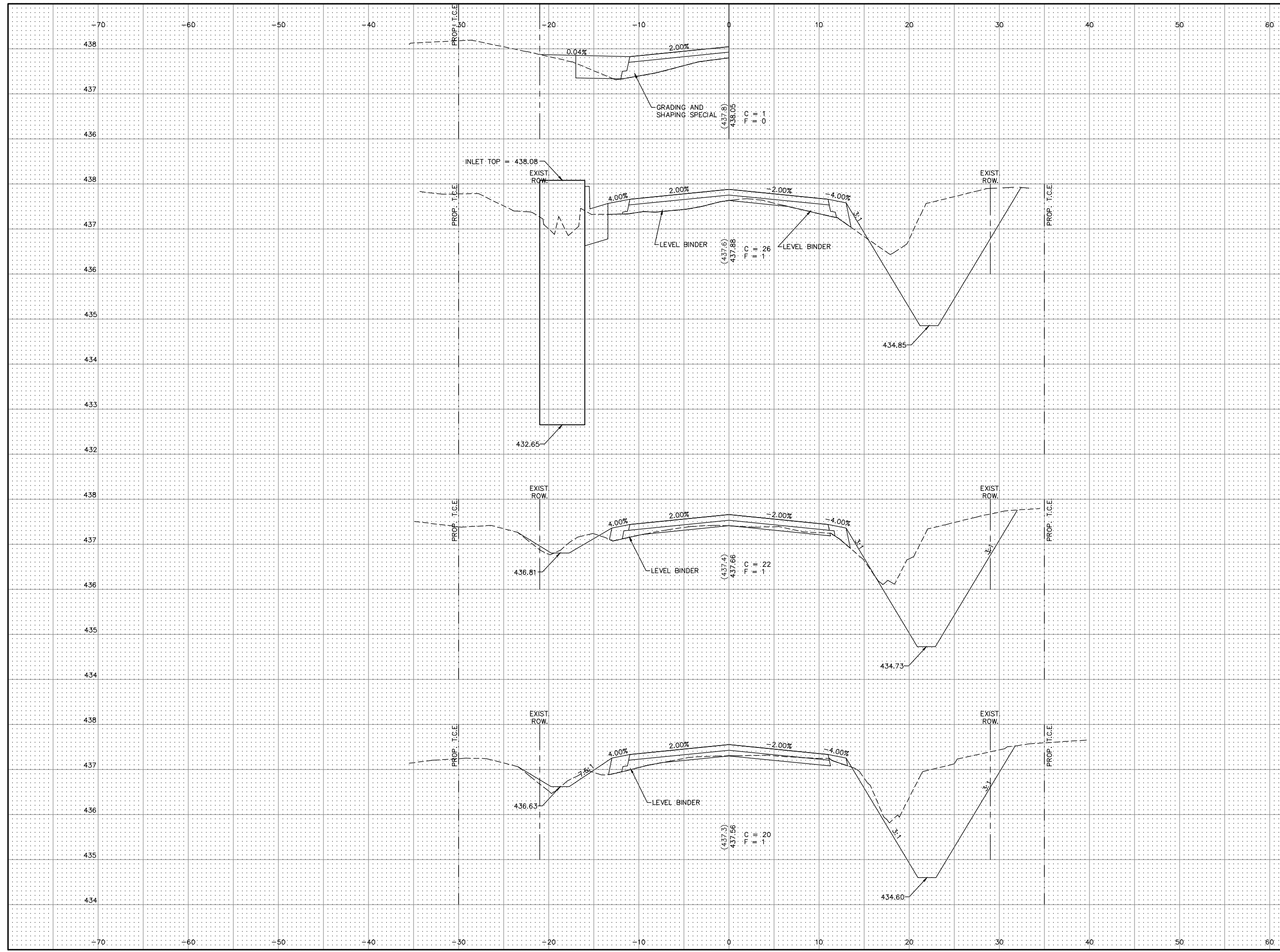
31+00.00

30+71.00
P.E. RT.

30+25.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	54
FEDERAL AID PROJECT		CONTRACT NO. 97664	

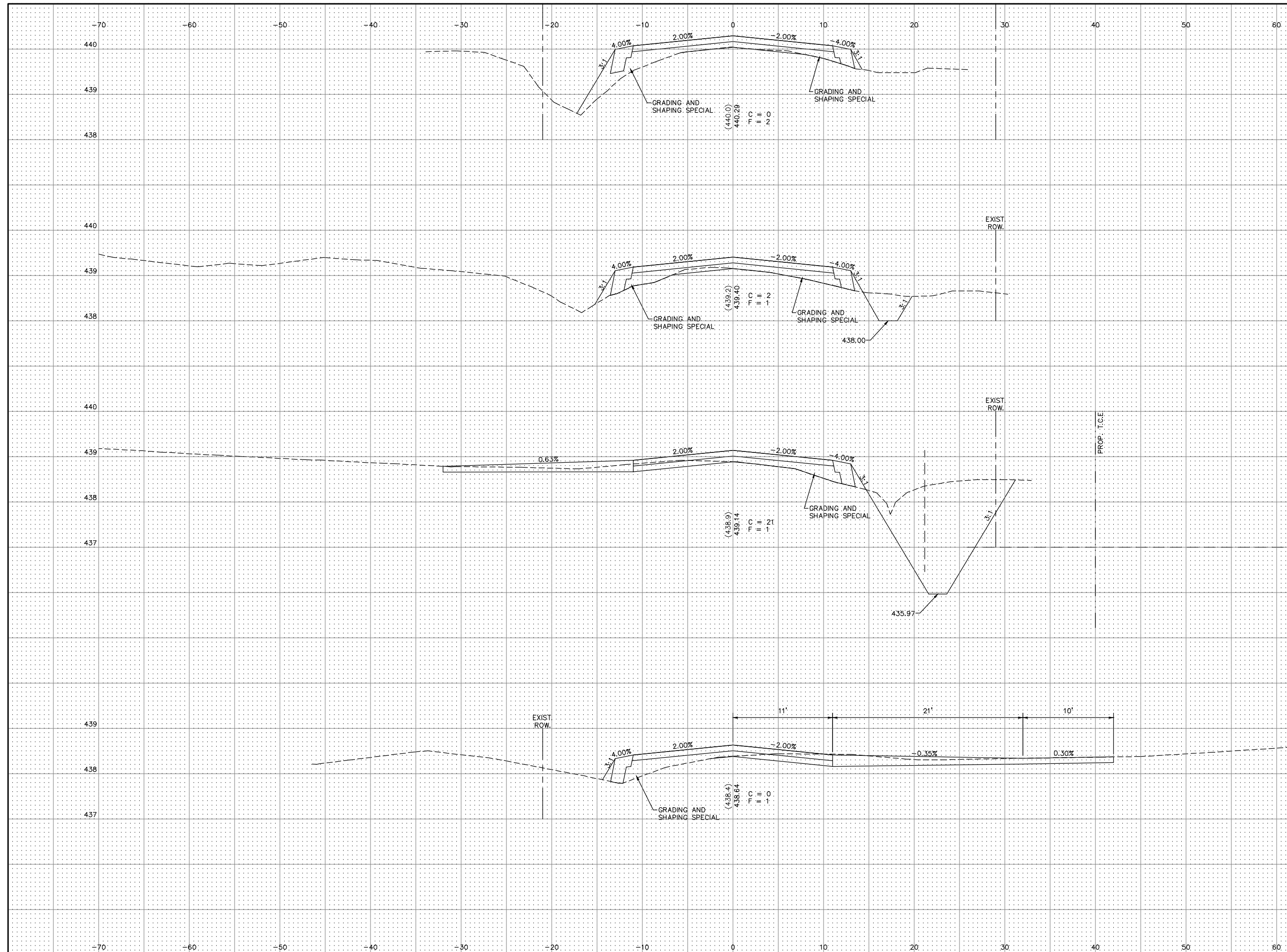
SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	55

FEDERAL AID PROJECT CONTRACT NO. 97664

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



33+50.00

33+00.00

32+73.58

ILLINOIS AVE. LT.

32+39.82

WOODLAND DR. RT.

PROP. T.C.E.

(440.0)
T.C.
P.I.
L = 20

(439.2)
T.C.
P.I.
L = 1

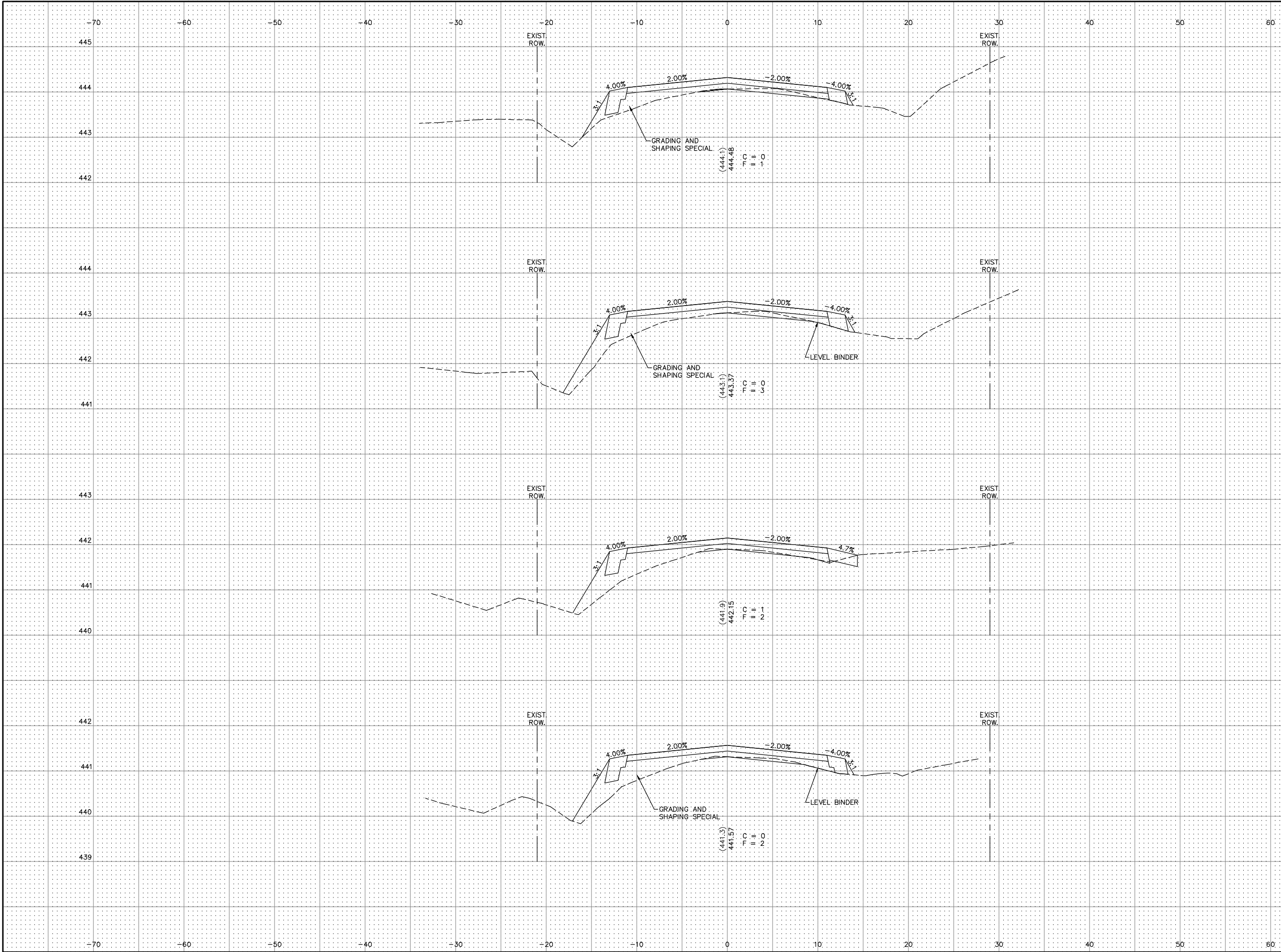
(438.9)
T.C.
P.I.
L = 21

(438.4)
T.C.
P.I.
L = 1

11' 21' 10'

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	56
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



34+70.00

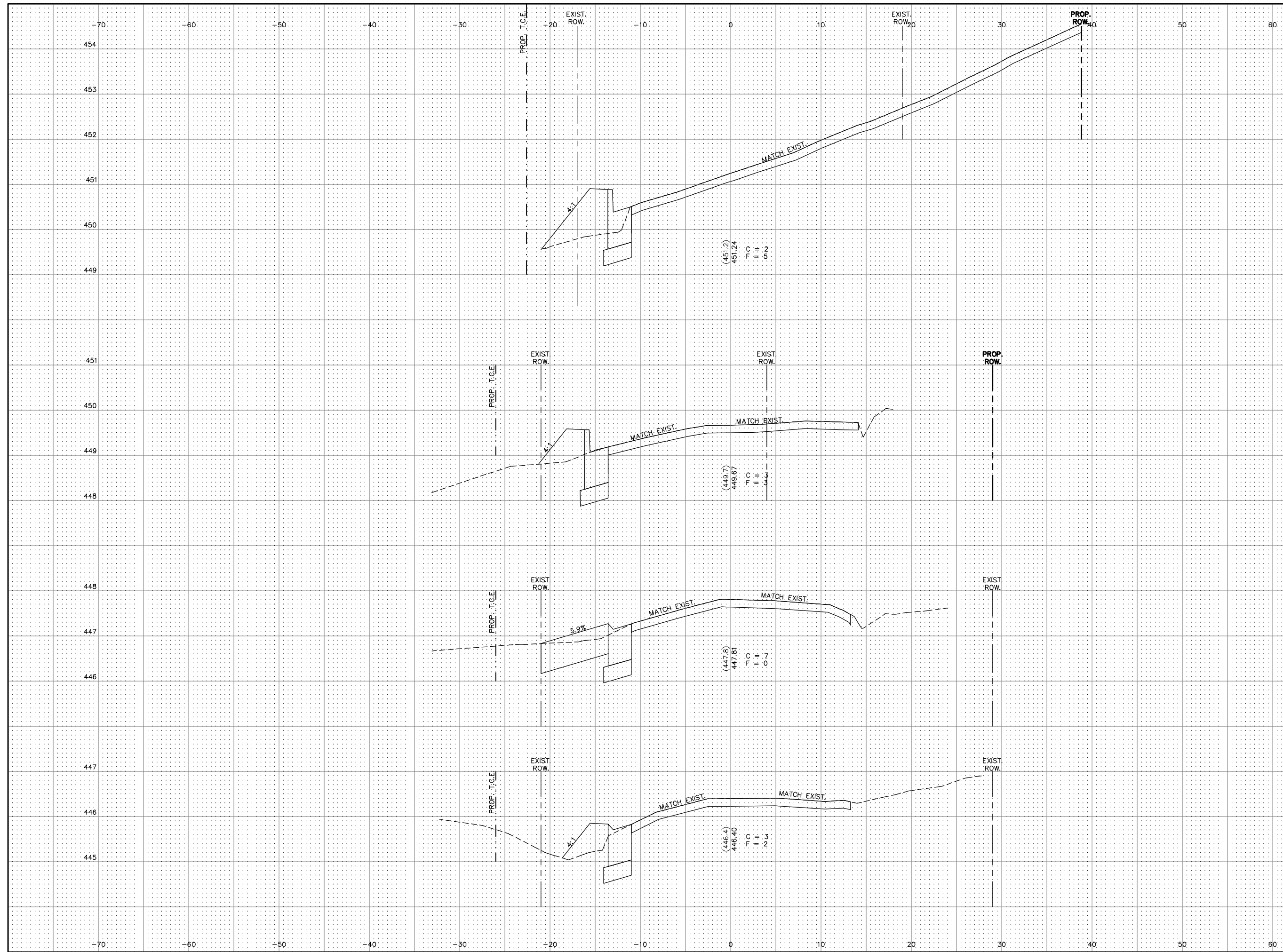
34+50.00

34+18.00
P.E. RT.

34+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	57
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



36+00.00

35+74.51

35+45.00

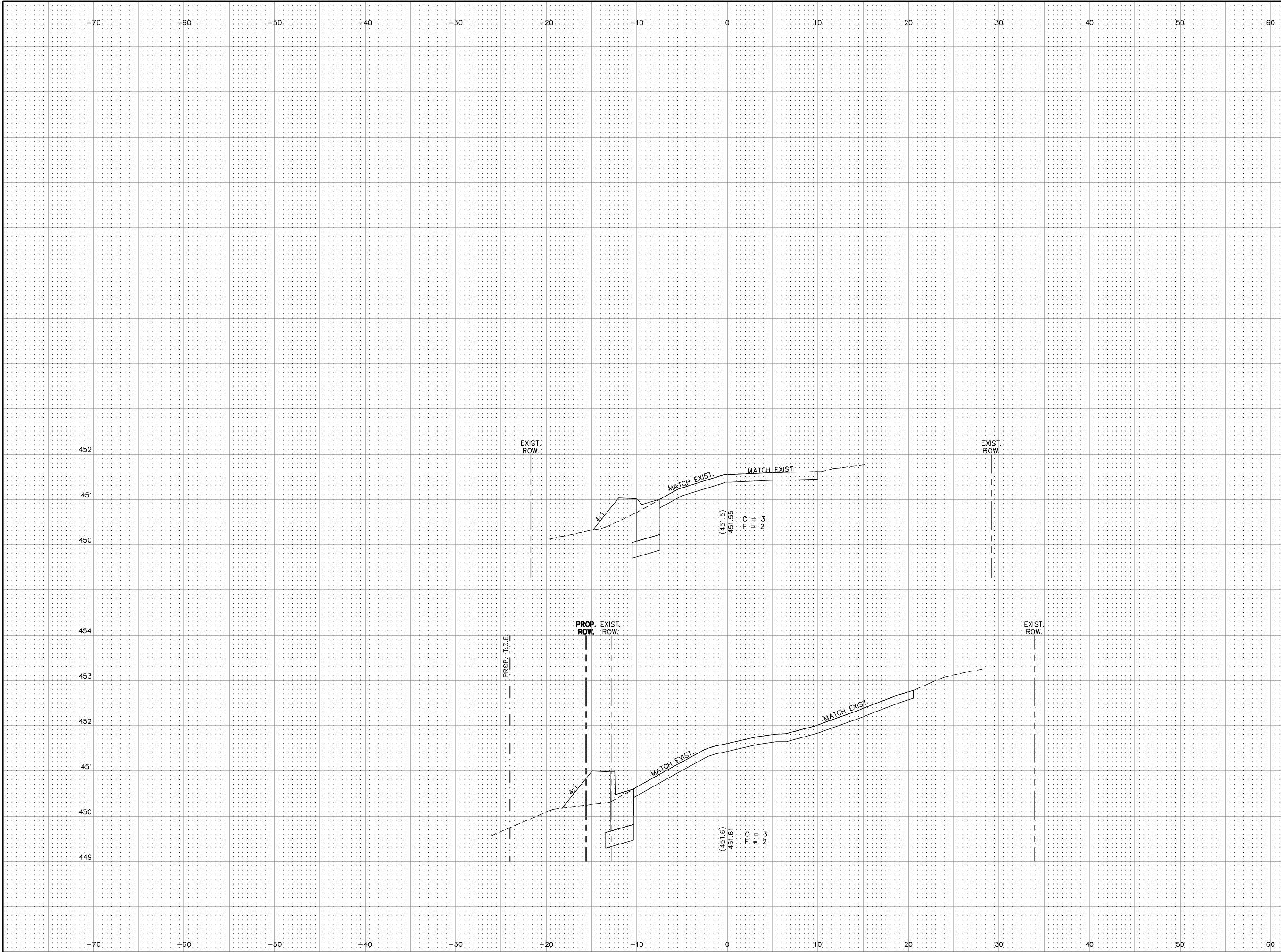
P.E. LT

35+20.00

70	453	452	451	450	449	451	450	449	448	448	447	447	446	446	447	446	445	70 DESIGN FIRM #: 184-000992
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SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	58
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



36+48.33

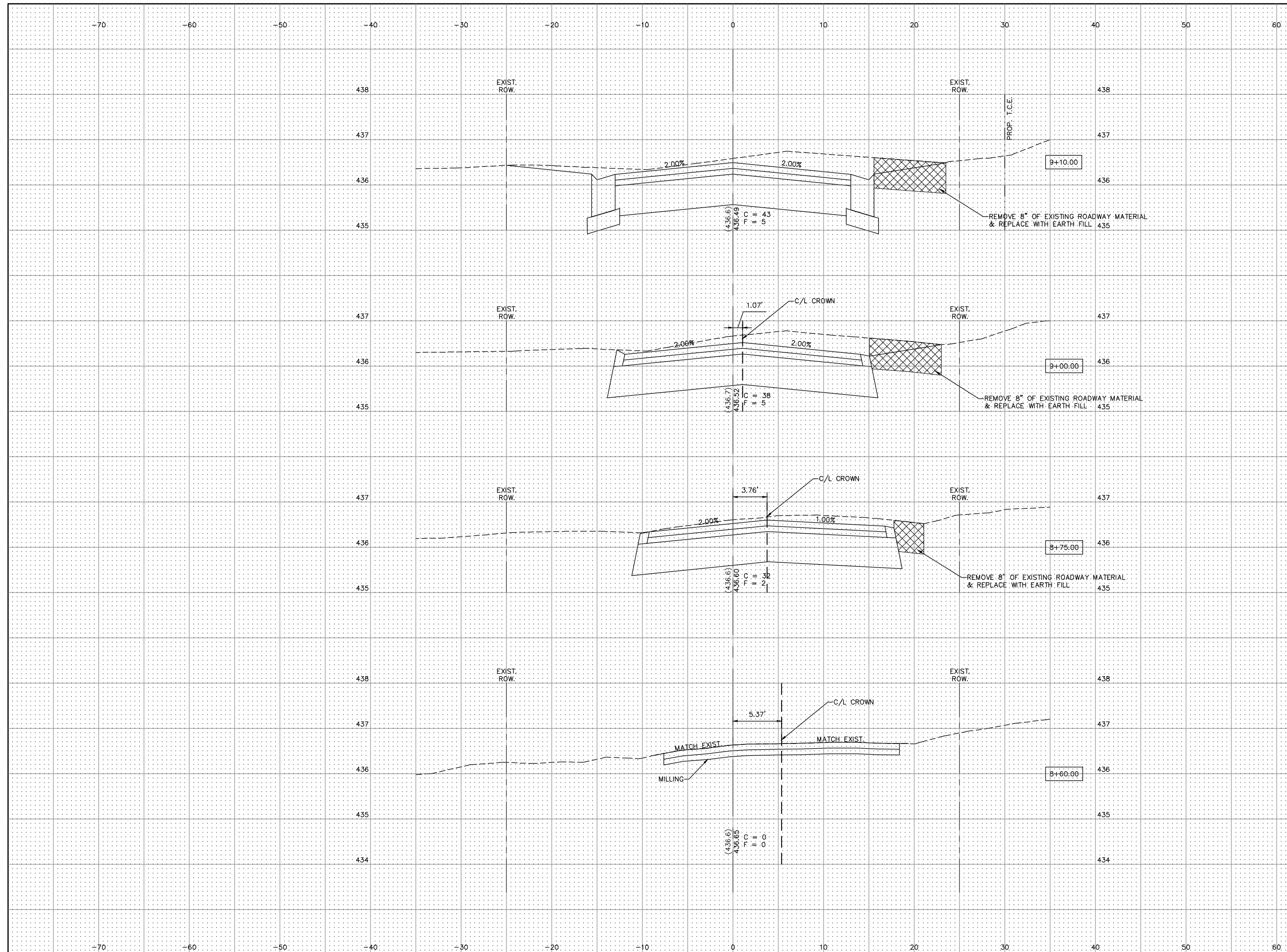
36+25.00

(451.5)
451.55
T.C.
|||
23

(451.6)
451.61
T.C.
|||
23

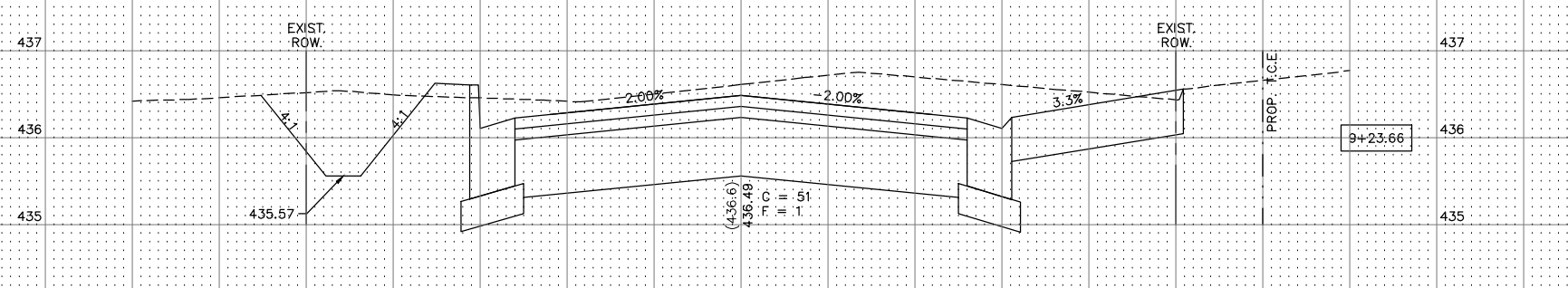
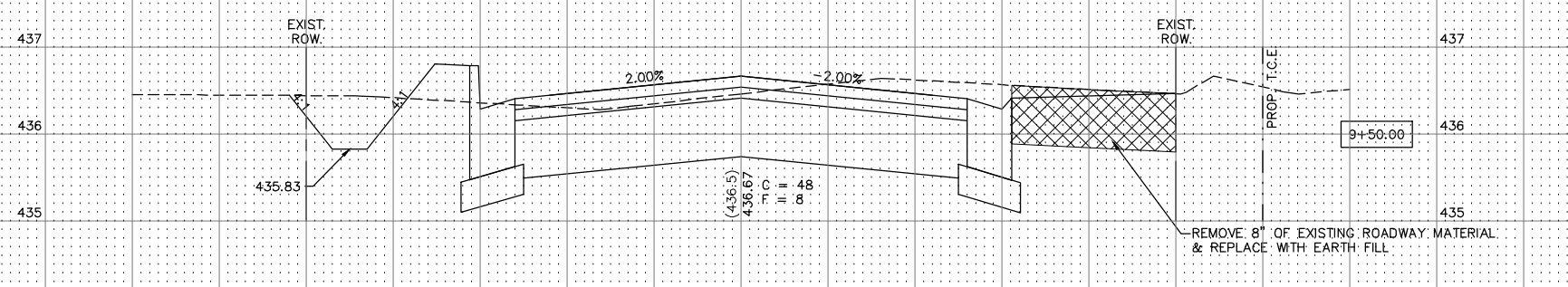
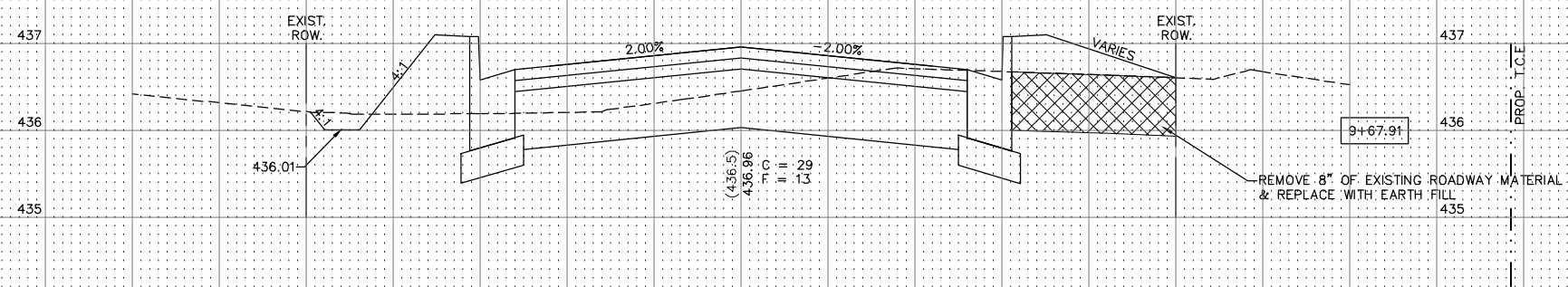
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	59
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	60
FEDERAL AID PROJECT		CONTRACT NO. 97664	

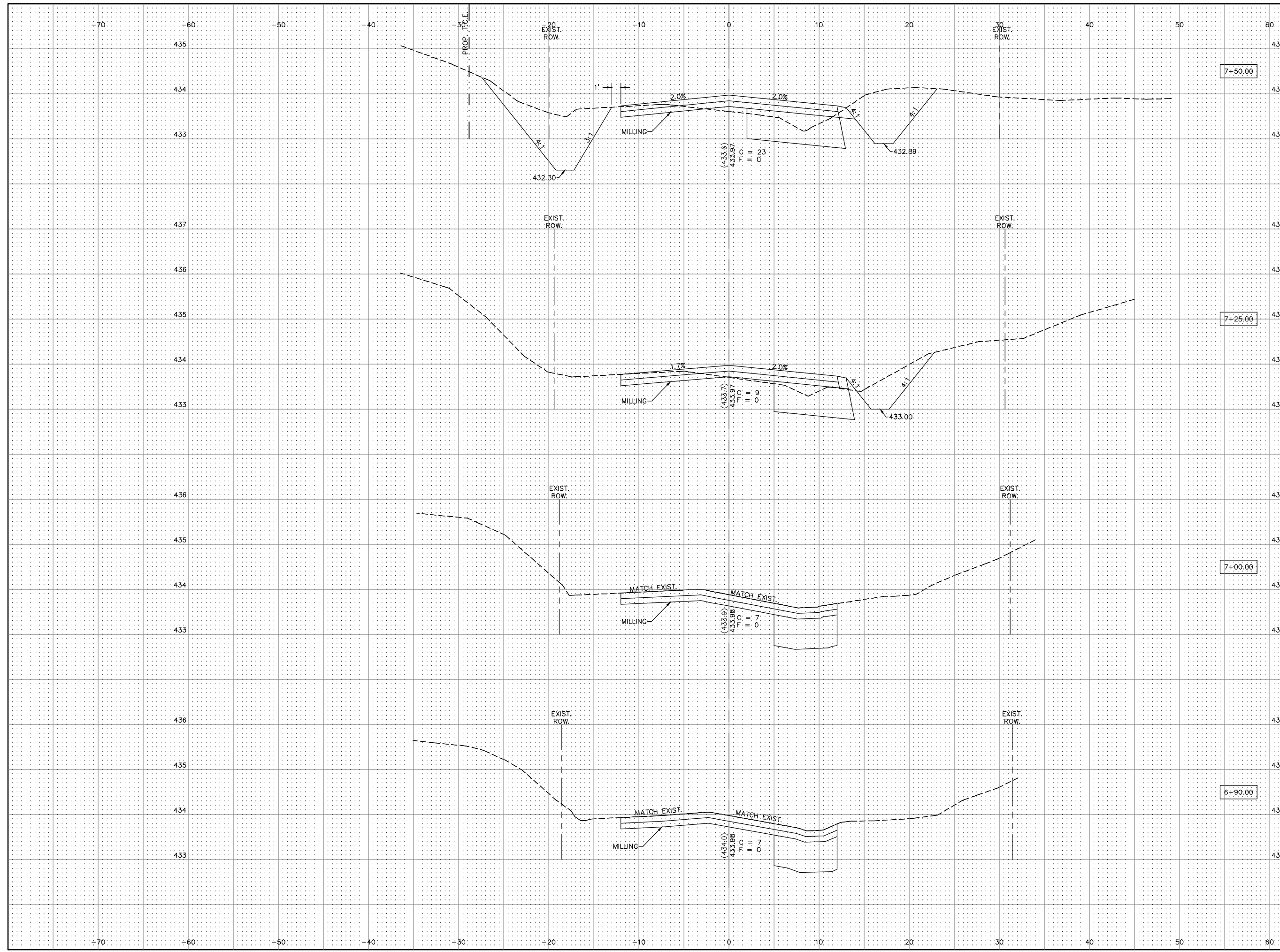
SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	61

FEDERAL AID PROJECT 70 CONTRACT NO. 97664

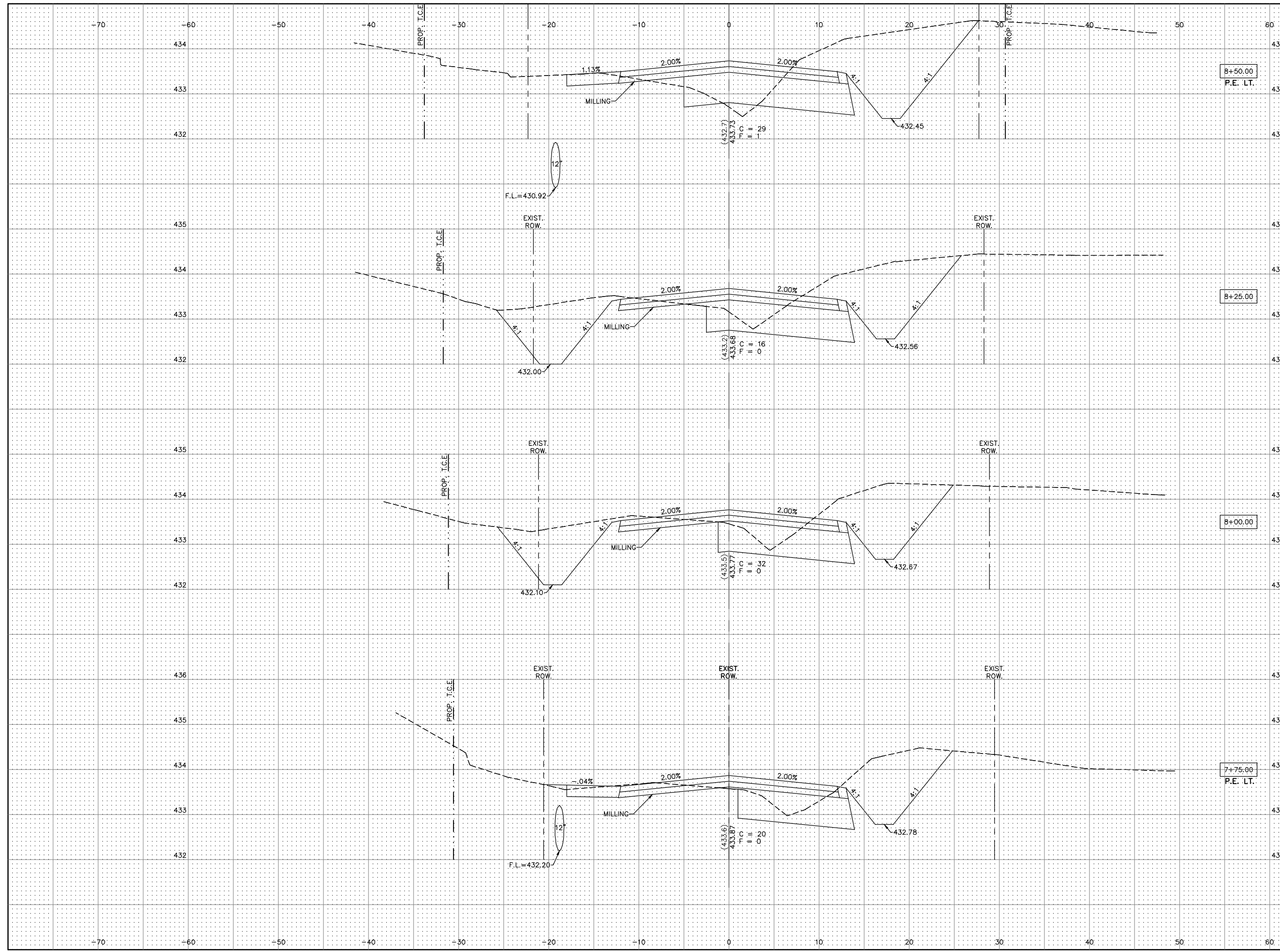
SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	62

FEDERAL AID PROJECT CONTRACT NO. 97664

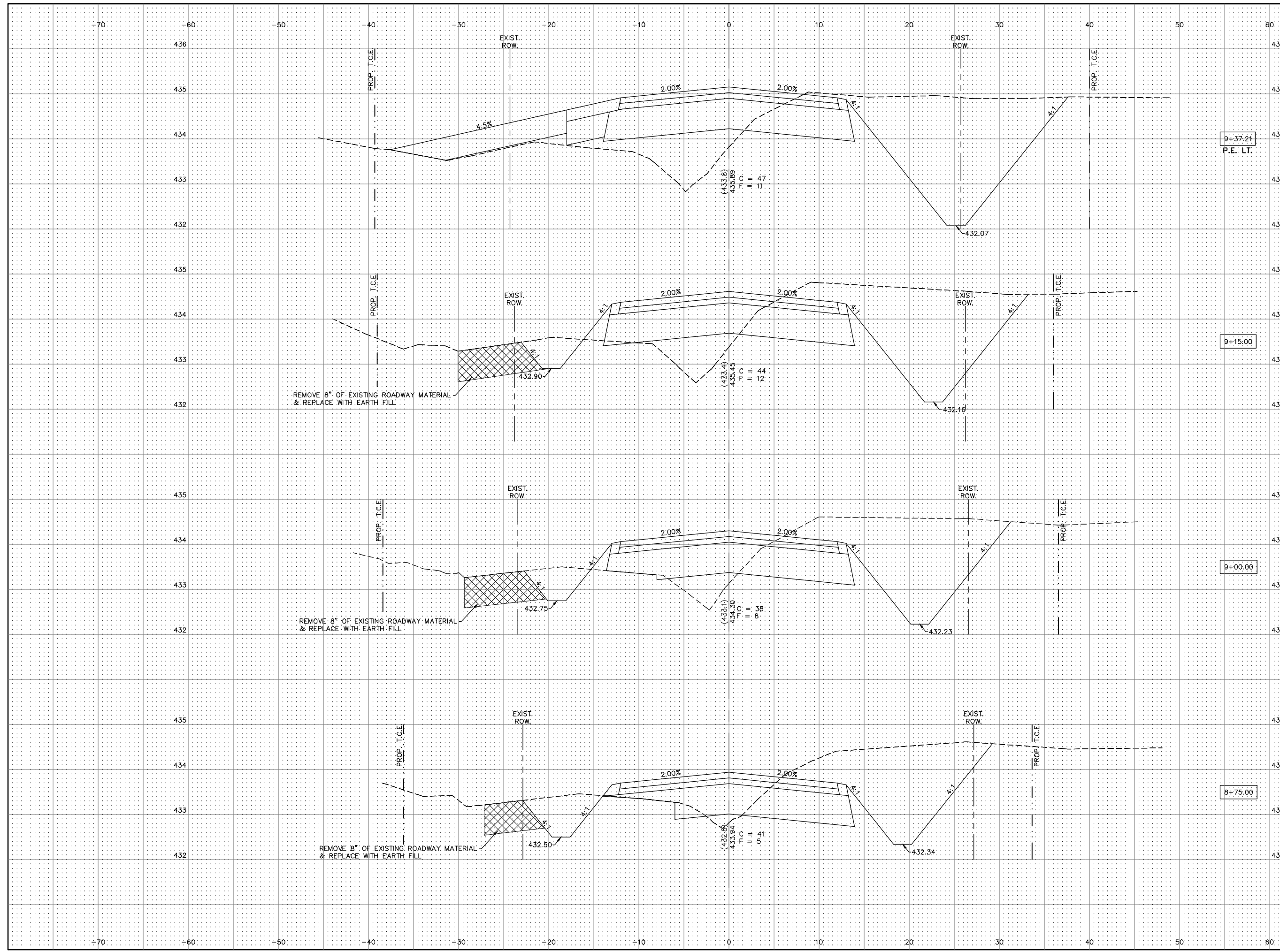
70 SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	63

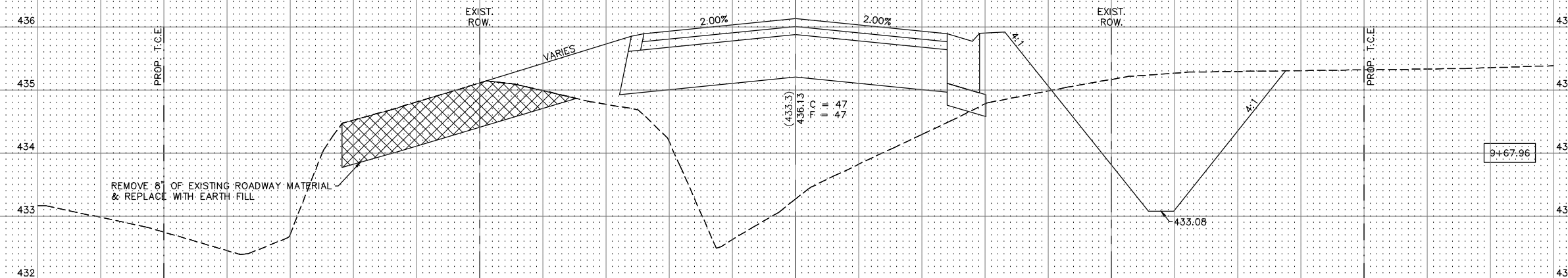
FEDERAL AID PROJECT CONTRACT NO. 97664

70
SCALE:
HORIZ: 1"=5'
VERT: 1"=1'

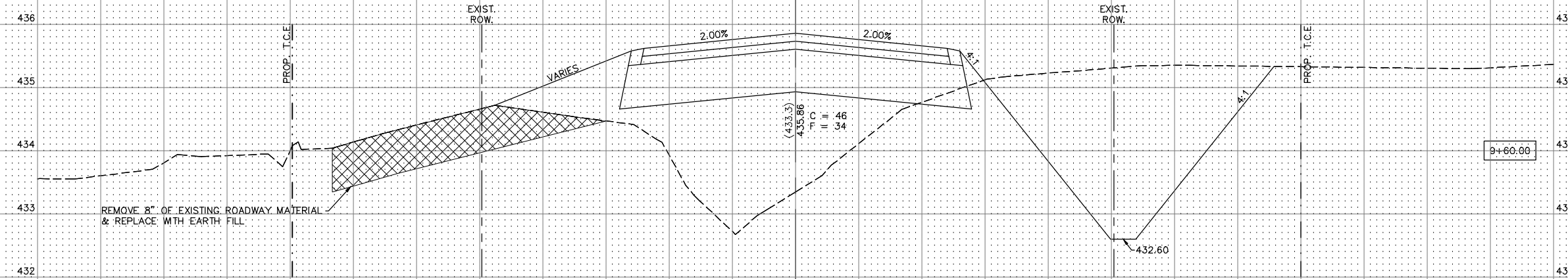


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	64
FEDERAL AID PROJECT		CONTRACT NO. 97664	

70
SCALE:
HORIZ: 1"=5'
VERT: 1"=1'



9+67.96



9+60.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14-00051-00-RS	MADISON	65	65
FEDERAL AID PROJECT		CONTRACT NO. 97664	

SCALE:
HORIZ: 1"=5'
VERT: 1"=1'

