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720011-01	METAL POSTS FOR SIGNS, MARKERS& DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS

WHITESIDE COUNTY

M.S. 2300 (GENESEE CT.) OVER ROCK CREEK

WHITESIDE COUNTY
SECTION 18-00237-00-BR
PROJECT NO. HHN6(619)
JOB NO. C-92-053-19
CONTRACT NO. 85786

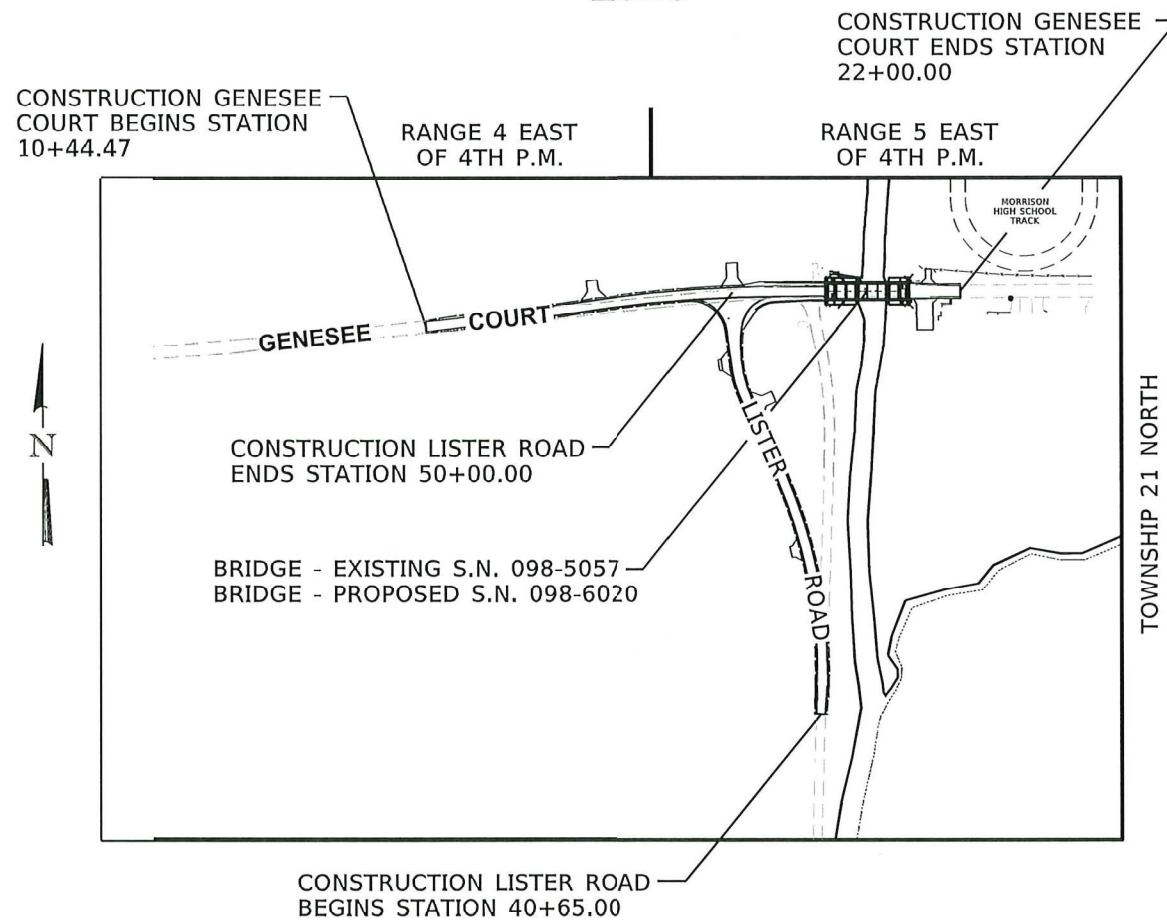
2025



Know what's below.
Call before you dig.

UTILITY CONTACTS

SEE SHEET 2



LOCATION MAP

LENGTH OF GENESEE CT. CONST. = 1,155.53 FEET = 0.22 MILES
LENGTH OF LISTER ROAD CONST. = 935.00 FEET = 0.18 MILES
NET LENGTH OF PROJECT = 2,090.53 FEET = 0.40 MILES



WHITESIDE COUNTY HIGHWAY DEPARTMENT

APPROVED August 25, 2025

WHITESIDE COUNTY ENGINEER

PASSED September 2, 2025

RELEASING FOR BID
BASED ON LIMITED
REVIEW

DISTRICT 2 LOCAL ROADS & STREETS ENGINEER

9/2/2025

DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER



DATE: 8-25-25

EXPIRES 11/30/2025



WILLET HOFMANN
& ASSOCIATES INC

ENGINEERING ARCHITECTURE LAND SURVEYING

809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

WHA NO. 1518D18

DATE: 8/25/2025

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GENERAL NOTES:

THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL GOVERN THE CONSTRUCTION OF THE IMPROVEMENTS.

IN THESE CONTRACT DOCUMENTS MENTION IS MADE OF THE "ENGINEER", WHICH SHALL MEAN WILLETT, HOFMANN & ASSOCIATES, INC. OR THEIR DULY AUTHORIZED AGENT.

THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY THE CITY. THE CONSTRUCTION DETAILS, AS PRESENTED ON THESE PLANS MUST BE FOLLOWED BY THE CONTRACTOR; IMPROVEMENT REPRESENTATIONS AS SHOWN ARE AS ACCURATE AS POSSIBLE FROM THE INFORMATION AVAILABLE. HOWEVER, SOME FIELD REVISIONS MAY BE REQUIRED TO ACCOMMODATE UNFORESEEN CIRCUMSTANCES. THE ENGINEER SHALL BE ADVISED OF ANY NECESSARY REVISIONS WITH SUFFICIENT LEAD TIME ALLOWED TO PROPERLY CONSIDER AND ACT UPON SAID REQUESTS. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED IN CONSTRUCTING THOSE IMPROVEMENTS AS DETAILED IN THIS ENGINEERING PLAN. EXTREME CAUTION MUST BE EXERCISED REGARDING THE COMPACTION OF ALL UTILITY TRENCHES.

THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS ENCOUNTERED, UNTIL AN OWNER OR AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ANY PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS UNLESS REFERENCED, DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

THE CONTRACTOR SHALL COOPERATE WITH THE CITY AND ADJACENT LANDOWNERS WITH REGARDS TO ACCESS TO PRIVATE PROPERTY, AS WELL AS THE U.S. POSTAL SERVICE FOR MAIL DELIVERY. ACCESS TO BUSINESSES TO REMAIN OPEN AT ALL TIMES.

THE LOCATION AND ELEVATION OF UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING UTILITIES ON OR ADJACENT TO THE SITE. PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES, CONTACT J.U.L.I.E. AT 1-800-892-0123 AND THE CITY FOR EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM TO PREVENT DAMAGE. DAMAGE, AND THE COST TO REPAIR SAID DAMAGE, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL CLEAN UP ALL EXCESS MATERIALS AND DEBRIS CAUSED AS A RESULT OF WORK UNDER THIS CONTRACT AT THE COMPLETION OF THE PROJECT AT NO ADDITIONAL COST.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE RESULTING FROM THE PERFORMANCE OF THE WORK UNDER THIS CONTRACT.

CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION HIGHWAY STANDARDS AS NECESSARY AND ACCORDING TO TRAFFIC CONTROL STANDARDS 701001, 701006, 701301, 701901 AND THE DISTRICT 2 ROAD CLOSURE STANDARD DETAIL.

CONTRACTOR SHALL SUBMIT A SCHEDULE FOR THEIR SEQUENCE OF OPERATIONS TO BE APPROVED BY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION. SEQUENCE WILL INCLUDE PLANS TO KEEP BUSINESSES ACCESSIBLE AT ALL TIMES.

COPIES OF ALL DELIVERY TICKETS FOR MATERIALS USED IN THE PROJECT SHALL BE SUBMITTED TO THE ENGINEER OR CITY PRIOR TO PAYMENT FOR THE WORK.

GENERAL NOTES CONT.:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. JULIE DESIGN TICKET NOS. A0440890 & A252333034, THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE.

<u>Name, Address & Phone Number of Utility</u>	<u>TYPE</u>	<u>LOCATION</u>	<u>ESTIMATED DATE OF COMPLETION</u>
COMMERCIAL BROADBAND SOLUTION ATTN: RYAN COAT PH: 574-389-3100x7163 EM: rcoates@maplenetwireless.com	Fiber	Coord. In Progress	Coordination in Progress
COMED ATTN: JAMIE GADDIS PH: 630-294-4732 EM: PlanSubmittalsandMapRequests@exeloncorp.com EM: Jamie.Gaddis@comed.com	Aerial	North of CL - Genesee Ct West & East of CL - Lister Rd.	Coordination in Progress
FRONTIER (NORTH) ATTN: KALIN HINSHAW PH: 815-895-1515 EM: KALIN.HINSHAW@FTR.COM ATTN: KYLE BOHM PH: 779-212-2329 EM: kyle.bohm@ftr.com	Fiber	Coord. In Progress	Coordination in Progress
MORRISON, CITY OF ATTN: MIKE GARLAND PH: 815-772-7657 EM: mgarland@morrisonil.org	N/A	Coord. In Progress	Coordination in Progress
NICOR GAS ATTN: Karey Johnson PH: 224-471-9356 EM: karejohn@southernco.com EM: gasmaps@aglresources.com	Buried	North of CL - Genesee Ct	Coordination in Progress
MEDIACOM ATTN: MITCH HANCOCK PH: 563-529-1866 EM: MHANCOCK@MEDIACOMCC.COM	Fiber	Coord. In Progress	Coordination in Progress

IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT 815/284-5469 AT LEAST 48 HOURS PRIOR TO WORK.

ALL TREES LESS THAN 6" DIAMETER WITHIN THE CONSTRUCTION LIMITS AND SHOWN ON THE PLANS TO BE REMOVED WILL NOT BE PAID FOR UNDER THE BID ITEM OF "TREE REMOVAL". THE COST OF REMOVING THESE TREES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER CUBIC YARD FOR EARTH EXCAVATION (SPECIAL).

EXISTING MAIL BOXES, STREET SIGNS AND TRAFFIC SIGNS THAT ARE WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET BY THE CONTRACTOR. COST OF THE REMOVING AND RESETTING TO BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER UNIT FOR EARTH EXCAVATION (SPECIAL).

COMMITMENTS:

TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.

COUNTY OFFICIALS WILL COORDINATE WITH LOCAL RESIDENTS, PROPERTY OWNERS, AND SCHOOL DISTRICTS TO MINIMIZE CONFLICTS AND DISRUPTIONS

SILT FENCING PERIMETER EROSION BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 280 AND ARTICLE 1080.02 OF IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SILT FENCING SHALL BE INSTALLED AT THE EDGE OF THE PROJECT'S TEMPORARY CONSTRUCTION LIMITS ALONG GENESSE COURT, LISTER ROAD, AND ROCK CREEK.

HMA MIX CHART

	PAVEMENT	
MIXTURE DESIGN	SURFACE	BINDER
PG:	SBS PG 64-28	PG 64-22
DESIGN AIR VOIDS	4.0 @ N50	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTUTE)	IL 9.5	IL 19.0
FRICTION AGGREGATE	C	N/A
MIX UNIT WEIGHT	112LBS/SY/IN	112LBS/SY/IN
QMP	QCQA FOR MIX, LR 1030-02 - NUCLEAR FOR DENSITY	QCQA FOR MIX, LR 1030-02 - NUCLEAR FOR DENSITY

PROJECT CONTROL

BENCHMARKS

VERTICAL CONTROL			
BENCHMARK	STATION	ELEVATION	DESCRIPTION
401	120.12' RT 46+89.30	622.60	RR SPK PP
402	50.80' LT 19+66.13	623.13	RR SPK PP
403	28.41' LT 23+75.20	632.40	RR SPK PP

CONTROL POINTS

HORIZONTAL CONTROL					
POINT #	STATION	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	15.84' LT 18+67.00	1868769.68	2349340.69	626.27	PIN
101	26.05' RT 15+55.90	1868715.24	2349032.48	625.66	PIN
102	125.53' RT 45+87.09	1868408.23	2349405.09	622.02	PIN
103	9.97' RT 21+44.27	1868744.12	2349617.99	626.57	PK NAIL
111	42.23' LT 20+48.61	1868796.24	2349522.28	622.52	NAIL
112	44.50' RT 20+54.24	1868709.52	2349527.99	622.75	NAIL

SUMMARY OF QUANTITIES
(CONSTRUCTION TYPE CODE: 0010)

PAY CODE	PAY ITEM	UNIT	QUANTITY
	NAME		
+ 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	110
+ 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18
+ 20100500	TREE REMOVAL, ACRES	ACRE	2.57
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50
20300100	CHANNEL EXCAVATION	CU YD	18,201
20800150	TRENCH BACKFILL	CU YD	60
+ 25000310	SEEDING, CLASS 4	ACRE	2.00
+ 25100630	EROSION CONTROL BLANKET	SQ YD	26,077
+ 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	546
+ 28000305	TEMPORARY DITCH CHECKS	FOOT	24
+ 28000400	PERIMETER EROSION BARRIER	FOOT	4,508
28000500	INLET AND PIPE PROTECTION	EACH	5
28100109	STONE RIPRAP, CLASS A5	SQ YD	879
28200200	FILTER FABRIC	SQ YD	879

+ DENOTES SPECIALTY ITEM

PAY CODE	PAY ITEM	UNIT	QUANTITY
	NAME		
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	4,211
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	688
31102300	SUBBASE GRANULAR MATERIAL, TYPE C 6"	SQ YD	688
35101400	AGGREGATE BASE COURSE, TYPE B	TON	151
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	297
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	12,247
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,226
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	887
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	592
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	54
42001300	PROTECTIVE COAT	SQ YD	50
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	33
48101200	AGGREGATE SHOULDERS, TYPE B	TON	432
48203100	HOT-MIX ASPHALT SHOULDERS	TON	163

+ DENOTES SPECIALTY ITEM

REVISION	DATE	BY	REMARKS	DESIGNED	GFS
				DRAWN	DLB
				REVIEWED	GFS
				APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY	
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK	
STA. 20+00	



WILLETT HOFMANN
ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOBILE, IL 61265
733-939-5171 FAX 733-939-5091

SUMMARY OF QUANTITIES	
SHEET 1 OF 3 SHEETS	

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	3
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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SUMMARY OF QUANTITIES
(CONSTRUCTION TYPE CODE: 0010)

85786

PAY CODE	PAY ITEM	UNIT	QUANTITY
	NAME		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	155
50200300	COFFERDAM EXCAVATION	CU YD	75
50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	1
50201102	COFFERDAM (TYPE 1) (LOCATION - 2)	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	127.2
50300260	BRIDGE DECK GROOVING	SQ YD	673
50300280	CONCRETE ENCASEMENT	CU YD	8.4
50300300	PROTECTIVE COAT	SQ YD	712
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	6,351
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	21,320
+ 50901050	STEEL RAILING, TYPE SM	FOOT	354
51100300	SLOPE WALL 6 INCH	SQ YD	688
51201600	FURNISHING STEEL PILES HP12X33	FOOT	900

+ DENOTES SPECIALTY ITEM

PAY CODE	PAY ITEM	UNIT	QUANTITY
	NAME		
51202305	DRIVING PILES	FOOT	900
51203600	TEST PILE STEEL HP12X33	EACH	4
51204650	PILE SHOES	EACH	24
51500100	NAME PLATES	EACH	1
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2
54262715	METAL FLARED END SECTIONS 15"	EACH	6
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	52
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	116
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	158
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	100
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	70
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	158
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	204

+ DENOTES SPECIALTY ITEM

REVISION	DATE	BY	REMARKS	DESIGNED	GFS
				DRAWN	DLB
				REVIEWED	GFS
				APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLETT HOFMANN
& ASSOCIATES INC
ENGINEERING, ARCHITECTURE, LAND SURVEYING
1515 FIFTH AVENUE, SUITE 100, MOUNTEIL, IL 61255
708-517-1119 DESIGN FIRM #184-000918

SUMMARY OF QUANTITIES	
SHEET 2 OF 3 SHEETS	

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	4
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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SUMMARY OF QUANTITIES
(CONSTRUCTION TYPE CODE: 0010)

85786

PAY CODE	PAY ITEM	UNIT	QUANTITY
	NAME		
60801015	FLAP GATE 15"	EACH	1
60801018	FLAP GATE 18"	EACH	1
+ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	100
+ 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	2
+ 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2
67100100	MOBILIZATION	L SUM	1
+ 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2
+ 78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	8
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
# Z0076600	TRAINEES	HOUR	1,000
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000
X0324058	OUTLET (SPECIAL)	EACH	2
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	7,914
+ X2500920	SEEDING, CLASS 1A (SPECIAL)	ACRE	0.25

+ DENOTES SPECIALTY ITEM
CONSTRUCTION CODE 0042

PAY CODE	PAY ITEM	UNIT	QUANTITY
	NAME		
+ X2501020	SEEDING, CLASS 2A (SPECIAL)	ACRE	3.50
X5030301	CONCRETE WEARING SURFACE (VARIABLE DEPTH)	SQ YD	712
+ X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

+ DENOTES SPECIALTY ITEM

REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



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ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000318

SUMMARY OF QUANTITIES	
SHEET 3 OF 3 SHEETS	

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>5</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HNH6(619)		

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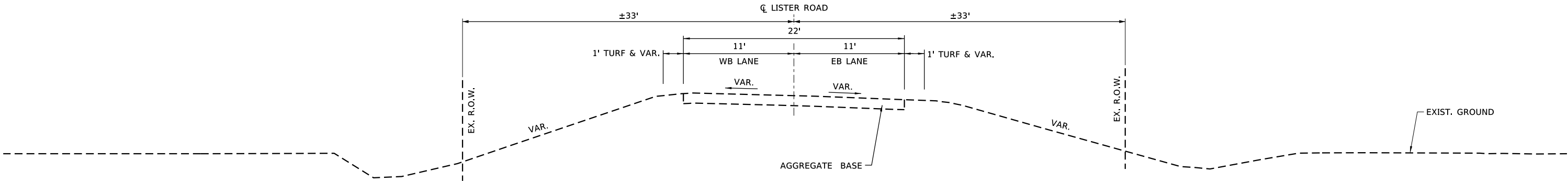
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EXISTING TYPICAL SECTION

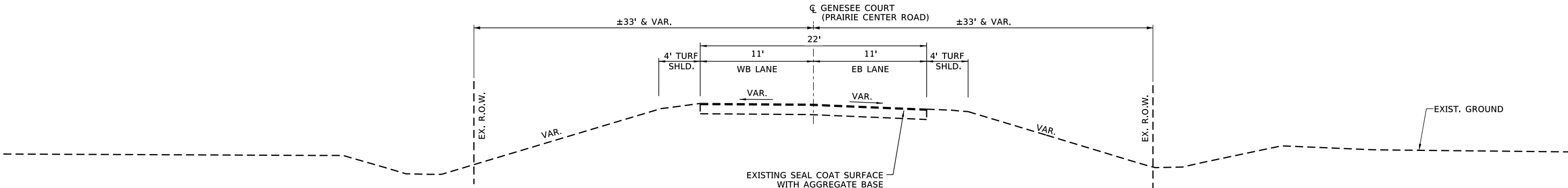
LISTER ROAD

(STA. 3502+90 TO STA. 3512+00)



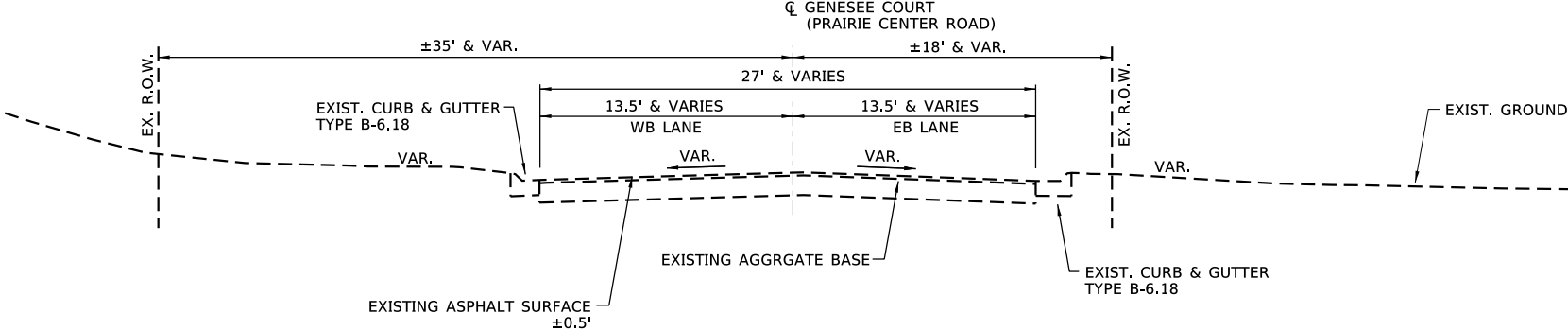
EXISTING TYPICAL SECTION
GENESEE COURT (PRAIRIE CENTER ROAD)

WEST OF ROCK CREEK BRIDGE
(STA. 20+97.29 TO STA. 31+35.72)



EXISTING TYPICAL SECTION
GENESEE COURT (PRAIRIE CENTER ROAD)

EAST OF ROCK CREEK BRIDGE
(STA. 31+35.72 TO STA. 32+52.30)



REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
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ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOBILE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

TYPICAL SECTIONS

SHEET 1 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>6</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

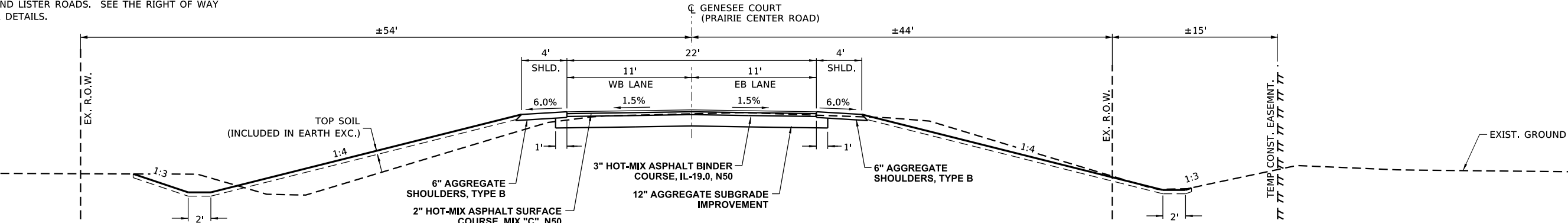
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* NOTE
THE WIDTHS OF ALL RIGHT OF WAY (EXISTING & PROPOSED)
(TEMPORARY AND PERMANENT) ALL VARY ALONG
GENESEE COURT, AND LISTER ROADS. SEE THE RIGHT OF WAY
PLAN FOR FURTHER DETAILS.

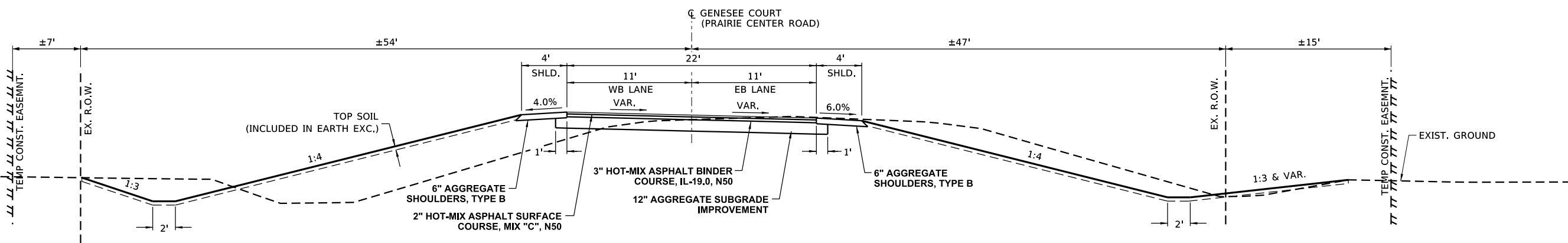
TYPICAL SECTION
M.S. 2300 (GENESEE COURT)

STA. 10+44.47 TO STA. 13+90.80



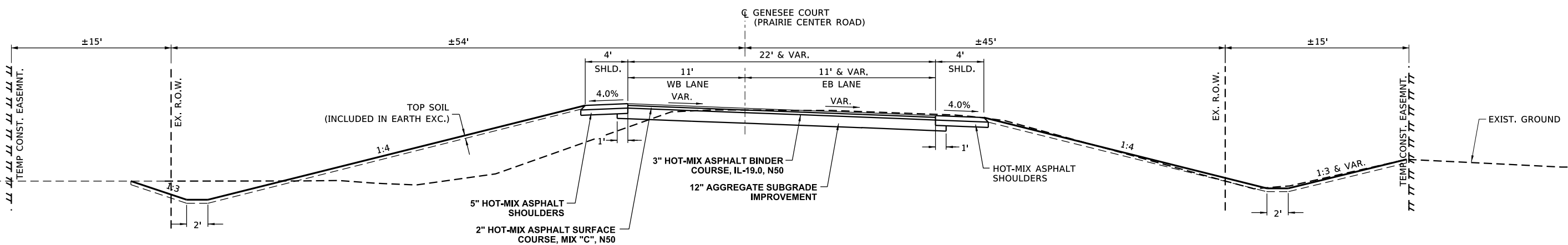
TYPICAL SECTION
M.S. 2300 (GENESEE COURT)

STA. 13+90.80 TO STA. 16+17.00



TYPICAL SECTION
M.S. 2300 (GENESEE COURT)

STA. 16+17.70 TO STA. 17+34.00



REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

TYPICAL SECTIONS

SHEET 2 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	7
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

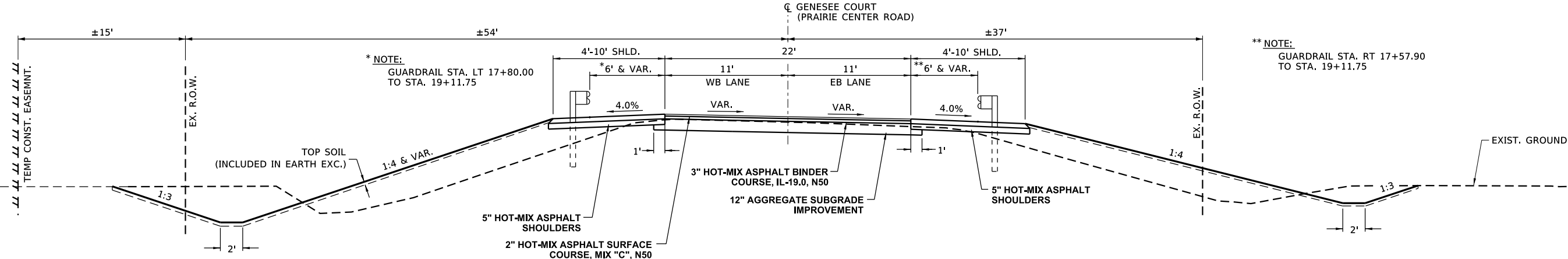
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* NOTE
THE WIDTHS OF ALL RIGHT OF WAY (EXISTING & PROPOSED)
(TEMPORARY AND PERMANENT) ALL VARY ALONG
GENESEE COURT, AND LISTER ROADS.

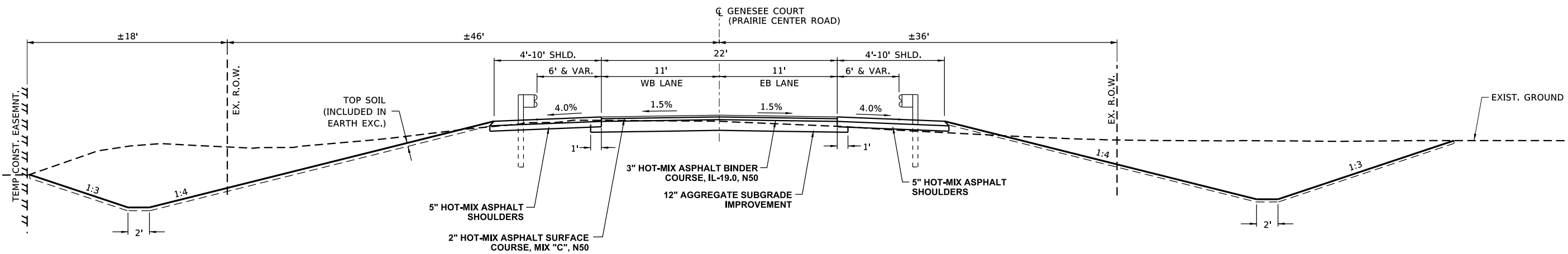
TYPICAL SECTION
M.S. 2300 (GENESEE COURT)

STA. 17+34.00 TO STA. 18+85.00

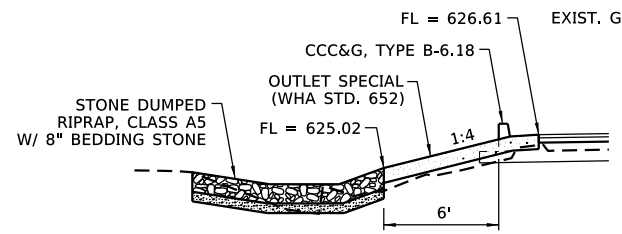


TYPICAL SECTION
M.S. 2300 (GENESEE COURT)

STA. 18+85.00 TO STA. 19+11.75

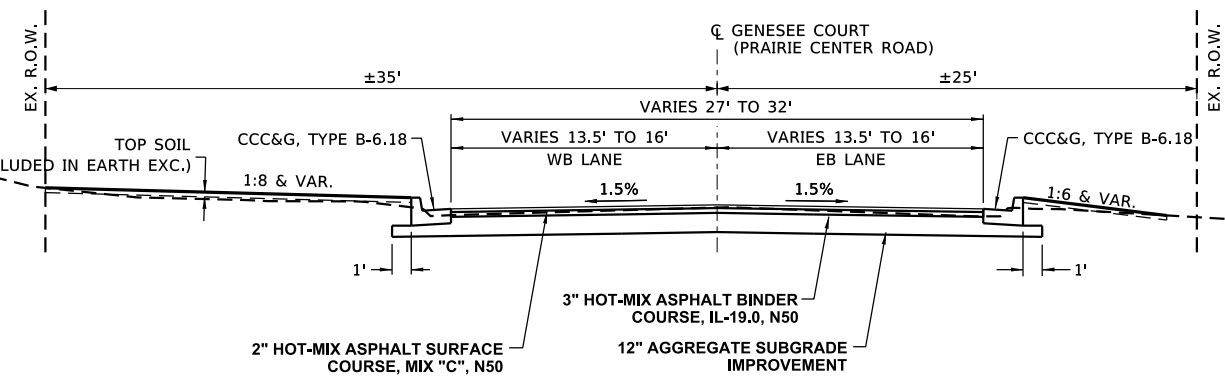


** OUTLET DETAIL
AT STA. LT 20+94.00

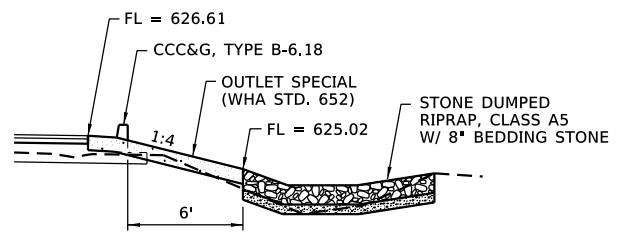


TYPICAL SECTION
M.S. 2300 (GENESEE COURT)

** STA. 20+88.30 TO STA. 22+00.00



** OUTLET DETAIL
AT STA. RT 20+94.00



REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



TYPICAL SECTIONS

SHEET 3 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>8</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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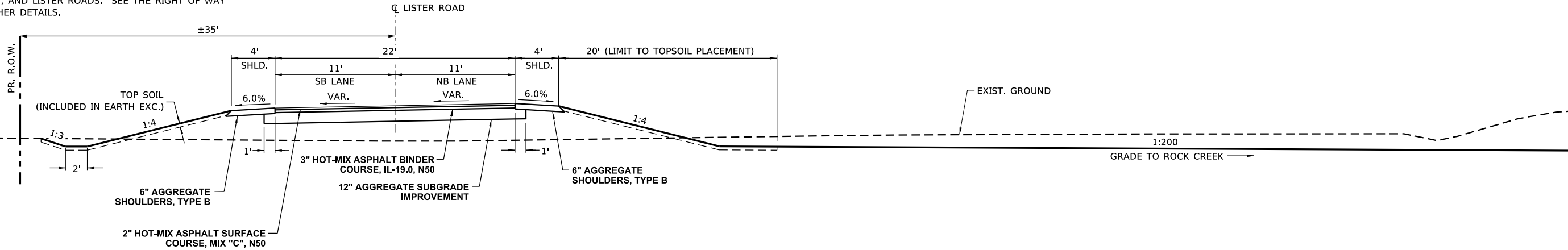
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* NOTE
THE WIDTHS OF ALL RIGHT OF WAY (EXISTING & PROPOSED)
(TEMPORARY AND PERMANENT) ALL VARY ALONG
GENESEE COURT, AND LISTER ROADS. SEE THE RIGHT OF WAY
PLAN FOR FURTHER DETAILS.

TYPICAL SECTION

LISTER ROAD

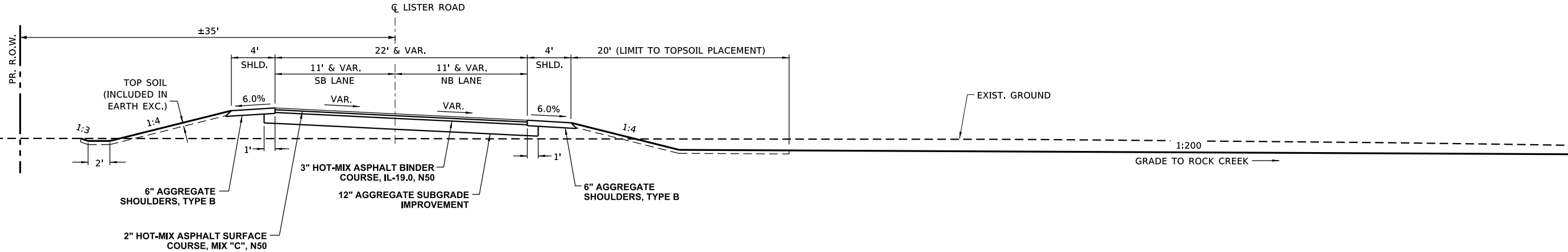
STA. 40+65.00 TO STA. 46+88.53



TYPICAL SECTION

LISTER ROAD

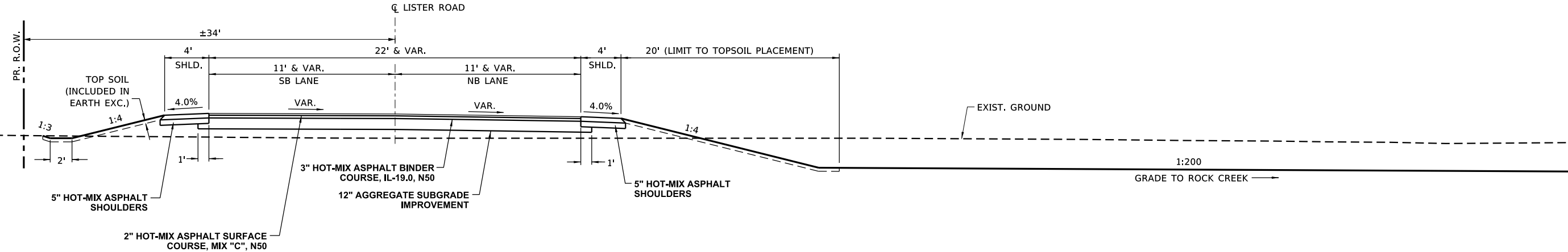
STA. 46+88.53 TO STA. 49+19.20



TYPICAL SECTION

LISTER ROAD

STA. 49+19.20 TO STA. 49+89.00 (RETURN W/ GENESEE COURT)



REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

TYPICAL SECTIONS

SHEET 4 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>9</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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SCHEDULE OF QUANTITIES

85786

TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
STATION	UNIT	REMARKS
GENESEE COURT		
18+51 RT 63'	6	
18+51 RT 63'	7	
18+51 RT 63'	8	
18+51 RT 63'	8	
20+40 LT 58'	6	
20+40 LT 58'	6	
20+40 LT 58'	8	
20+40 LT 58'	8	
20+40 LT 58'	8	
20+67 LT 31'	6	
20+67 LT 31'	6	
20+70 LT 35'	6	
20+70 LT 35'	6	
20+70 LT 35'	6	
21+11 LT 51'	15	
PROJECT TOTAL		
20100110		

TREE REMOVAL (OVER 15 UNITS DIAMETER)		
STATION	UNIT	REMARKS
GENESEE COURT		
21+90 RT 19'	18	
PROJECT TOTAL		
20100210		

TREE REMOVAL, ACRES		
STATION	ACRE	REMARKS
GENESEE COURT		
RT 10+79 - 16+28	0.18	SOUTH EDGE ALONG TEMP. EASEMENT
RT 10+79 - 16+29	0.40	NORTH EDGE ALONG TEMP. EASEMENT
LISTER ROAD		
44+98 - 49+48	1.41	BOTH SIDES OF ROADWAY
ROCK CREEK		
LT 30+71 - 39+61	0.58	WEST CREEK BANK
PROJECT TOTAL		
20100500		

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL		
STATION	CU YD	REMARKS
GENESEE COURT		
	50	
PROJECT TOTAL		
20201200		

TRENCH BACKFILL		
STATION	CU YD	REMARKS
GENESEE COURT		
LT 13+85 - 14+38	7	15" PIPE CULVERT
LT 16+84 - 17+39	14	15" PIPE CULVERT
SUB TOTAL:		
LISTER ROAD		
45+75	7	15" PIPE CULVERT
LT 44+00 - 44+50	7	15" PIPE CULVERT
49+44	25	18" PIPE CULVERT
SUB TOTAL:		
PROJECT TOTAL		
20800150		

EROSION CONTROL BLANKET		
STATION	SQ YD	REMARKS
GENESEE COURT		
LT 10+44 - 14+00	1,321	
LT 14+24 - 17+00	1,228	
LT 17+23 - 19+12	916	
LT 20+87 - 21+25	119	
LT 21+37 - 22+00	144	
RT 10+45 - 16+91	2,556	
RT 17+34 - 19+12	348	
RT 20+62 - 21+06	473	
RT 21+41 - 22+00	118	
SUB TOTAL:		
LISTER ROAD		
LT 40+65 - 49+19	1,319	
RT 40+65 - 49+27	1,814	
SUB TOTAL:		
ROCK CREEK		
LT 30+82 - 39+71	9,907	
LT 40+45 - 45+19	3,974	
RT 40+58 - 45+19	1,840	
SUB TOTAL:		
PROJECT TOTAL		
25100630		

REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00

WILLET HOFMANN
& ASSOCIATES INC

ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61265
T: 309-517-1119 DESIGN FIRM: # 184-000918

SCHEDULE OF QUANTITIES
SHEET 1 OF 5 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	10
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

SCHEDULE OF QUANTITIES

85786

TEMPORARY EROSION CONTROL SEEDING		
STATION	POUND	REMARKS
GENESEE COURT		
LT 10+44 - 14+00	28	
LT 14+24 - 17+00	26	
LT 17+23 - 19+12	20	
LT 26+62 - 21+25	4	
LT 21+37 - 22+00	3	
RT 10+45 - 16+91	53	
RT 17+34 - 19+12	9	
RT 20+62 - 21+06	5	
RT 21+41 - 22+00	3	
SUB TOTAL:	151	
LISTER ROAD		
LT 40+65 - 49+19	29	
RT 40+65 - 49+27	40	
SUB TOTAL:	69	
ROCK CREEK		
LT 30+82 - 39+71	204	
LT 40+45 - 45+19	83	
RT 40+58 - 45+19	39	
SUB TOTAL:	326	
PROJECT TOTAL		
28000250		

TEMPORARY DITCH CHECKS		
STATION	FOOT	REMARKS
GENESEE COURT		
LT 15+25	6	
LT 18+50	6	
SUB TOTAL:	12	
LISTER ROAD		
LT 45+00	6	
LT 47+50	6	
SUB TOTAL:	12	
PROJECT TOTAL		
28000305		

PERIMETER EROSION BARRIER		
STATION	FOOT	REMARKS
GENESEE COURT		
LT 10+44 - 17+00	661	
LT 17+24 - 19+12	197	
LT 20+88 - 21+25	26	
LT 21+37 - 22+00	40	
RT 10+44 - 16+49	607	
RT 20+34 - 22+00	220	
SUB TOTAL:	1,751	
LISTER ROAD		
LT 40+65 - 49+36	854	
SUB TOTAL:	854	
ROCK CREEK		
LT 30+86 - 39+82	942	
LT 40+49 - 45+21	490	
RT 40+65 - 45+18	471	
SUB TOTAL:	1,903	
PROJECT TOTAL		
28000400		

INLET AND PIPE PROTECTION		
STATION	EACH	REMARKS
GENESEE COURT		
LT 13+72	1	AT 15" END SECT.
LT 16+82	1	AT 15" END SECT.
SUB TOTAL:	2	
LISTER ROAD		
LT 45+75	1	AT 15" END SECT.
LT 43+98	1	AT 15" END SECT.
LT 49+41	1	AT 18" END SECT.
SUB TOTAL:	3	
PROJECT TOTAL		
28000500		

AGGREGATE SUBGRADE IMPROVEMENT		
STATION	TON	REMARKS
GENESEE COURT		
10+44 - 19+12	1,840	12"
20+88 - 22+00	287	12"
SUB TOTAL:	2,127	
LISTER ROAD		
40+65 - 49+89	2,084	12" (INCLUDES RETURN)
SUB TOTAL:	2,084	
PROJECT TOTAL		
4,211		
CALCS. BASED ON 2.05 TON/CY		
30300011		

AGGREGATE BASE COURSE, TYPE B		
STATION	TON	REMARKS
GENESEE COURT		
PE RT 21+21	124	8" BENEATH HMA
CE LT 21+31	27	8" BENEATH HMA
PROJECT TOTAL		
151		
CALCS. BASED ON 2.05 TON/CY		
35101400		

AGGREGATE SURFACE COURSE, TYPE B		
STATION	TON	REMARKS
GENESEE COURT		
FE LT 14+12	60	8"
FE LT 17+12	75	8"
SUB TOTAL:	135	
LISTER ROAD		
FE LT 48+50	42	8"
FE LT 44+25	41	8"
FE RT 47+50	79	8"
SUB TOTAL:	162	
PROJECT TOTAL		
297		
CALCS. BASED ON 2.05 TON/CY		
40200800		

REVISION	DATE	BY	REMARKS	DESIGNED	GFS
				DRAWN	DLB
				REVIEWED	GFS
				APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61265
T: 309-517-1119 DESIGN FIRM: # 184-000918

SCHEDULE OF QUANTITIES

SHEET 2 OF 5 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>11</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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SCHEDULE OF QUANTITIES

BITUMINOUS MATERIALS (PRIME COAT)		
STATION	POUND	REMARKS
GENESEE COURT		
10+44 - 19+12	4,776	
20+88 - 22+00	800	
PE RT 21+30	584	
CE LT 21+31	118	
SUB TOTAL:	6,278	
LISTER ROAD		
40+65 - 49+89	5,969	
SUB TOTAL:	5,969	
PROJECT TOTAL	12,247	BASED ON 0.25 LBS/SF
40600275		

BITUMINOUS MATERIALS (TACK COAT)		
STATION	POUND	REMARKS
GENESEE COURT		
10+44 - 19+12	478	
20+88 - 22+00	80	
PE RT 21+30	59	
CE LT 21+31	12	
SUB TOTAL:	629	
LISTER ROAD		
40+65 - 49+89	597	
SUB TOTAL:	597	
PROJECT TOTAL	1,226	BASED ON 0.25 LBS/SF
40600290		

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50		
STATION	TON	REMARKS
GENESEE COURT		
10+44 - 19+12	367	3.0"
20+88 - 22+00	62	3.0"
SUB TOTAL:	429	
LISTER ROAD		
40+65 - 49+89	458	3.0"
SUB TOTAL:	458	
PROJECT TOTAL	887	CALCS. BASED ON 115 LBS/SY/INCH
40603080		

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50		
STATION	TON	REMARKS
GENESEE COURT		
10+44 - 19+12	245	2"
20+88 - 22+00	41	2"
SUB TOTAL:	286	
LISTER ROAD		
40+65 - 49+89	306	2"
SUB TOTAL:	306	
PROJECT TOTAL	592	BASED ON 115 LBS/SY/INCH
40604050		

INCIDENTAL HOT-MIX ASPHALT SURFACING		
STATION	TON	REMARKS
GENESEE COURT		
PER 21+21	45	3"
CEL 21+31	9	3"
PROJECT TOTAL	54	BASED ON 115 LBS/SY/INCH
40800050		

PROTECTIVE COAT		
STATION	SQ YD	REMARKS
GENESEE COURT		
LT 20+88 - 22+00	25	CURB AND GUTTER
RT 20+88 - 22+00	25	CURB AND GUTTER
PROJECT TOTAL	50	
42001300		

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH		
STATION	SQ FT	REMARKS
GENESEE COURT		
RT 21+79	33	CONNECTING SIDEWALK
PROJECT TOTAL	33	
42400200		

AGGREGATE SHOULDERS, TYPE B		
STATION	TON	REMARKS
GENESEE COURT		
LT 10+44 - 16+18	85	6"
RT 10+44 - 16+18	87	6"
SUB TOTAL:	172	
LISTER ROAD		
LT 40+65 - 49+19	130	6"
RT 40+65 - 49+28	130	6"
SUB TOTAL:	260	
PROJECT TOTAL	432	BASED ON 2.05 TON/CY
48101200		

HOT-MIX ASPHALT SHOULDERS		
STATION	TON	REMARKS
GENESEE COURT		
LT 16+18 - 19+12	69	5"
RT 16+18 - 16+95	15	5" (RETURN FOR LISTER ROAD)
RT 17+30 - 19+12	79	5" (INCLUDES RETURN FOR LISTER ROAD)
PROJECT TOTAL	163	BASED ON 115 LBS/SY/INCH
48203100		

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		
STATION	EACH	REMARKS
GENESEE COURT		
LT & RT 45+76	2	
PROJECT TOTAL	2	
54213660		

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		
STATION	EACH	REMARKS
GENESEE COURT		
LT & RT 49+44	2	
PROJECT TOTAL	2	
54213663		

REVISION	DATE	BY	REMARKS	DESIGNED	GFS
				DRAWN	DLB
				REVIEWED	GFS
				APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



SCHEDULE OF QUANTITIES
SHEET 3 OF 5 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>12</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT #HNS(519)				

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SCHEDULE OF QUANTITIES

85786

METAL FLARED END SECTIONS 15"		
STATION	EACH	REMARKS
GENESEE COURT		
FE LT 14+12	2	
FE LT 17+12	2	
SUBTOTAL:	4	
LISTER ROAD		
FE LT 44+25	2	
SUBTOTAL:	2	
PROJECT TOTAL	6	
54262715		

PIPE CULVERTS, CLASS A, TYPE 1 15"		
STATION	FOOT	REMARKS
LISTER ROAD		
45+76	52	ACROSS ROADWAY
PROJECT TOTAL	52	
542A0220		

PIPE CULVERTS, CLASS A, TYPE 1 18"		
STATION	FOOT	REMARKS
LISTER ROAD		
49+44	116	ACROSS ROADWAY
PROJECT TOTAL	116	
542A0223		

PIPE CULVERTS, CLASS D, TYPE 1 15"		
STATION	FOOT	REMARKS
GENESEE COURT		
FE LT 14+12	52	
FE LT 17+12	56	
SUBTOTAL:	108	
LISTER ROAD		
FE LT 44+25	50	
SUBTOTAL:	50	
PROJECT TOTAL	158	
542D0220		

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18		
STATION	FOOT	REMARKS
GENESEE COURT		
LT 20+88 - 22+00	102	
RT 20+88 - 22+00	102	
PROJECT TOTAL	204	
60604400		

FLAP GATE 15"		
STATION	EACH	REMARKS
LISTER ROAD		
RT 45+77	1	CLASS A, TYPE 1, 18" END SECTION
PROJECT TOTAL	1	
60801015		

FLAP GATE 18"		
STATION	EACH	REMARKS
LISTER ROAD		
RT 49+58	1	CLASS A, TYPE 1, 18" END SECTION
PROJECT TOTAL	1	
60801018		

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS		
STATION	FOOT	REMARKS
GENESEE COURT		
RT 18+06 - 18+69	62.5	
LT 18+31 - 18+69	37.5	
PROJECT TOTAL	100	
63000001		

TRAFFIC BARRIER TERMINAL, TYPE 6A		
STATION	EACH	REMARKS
GENESEE COURT		
LT & RT 18+69 - 19+12	2	
PROJECT TOTAL	2	
63100087		

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED		
STATION	EACH	REMARKS
GENESEE COURT		
RT 17+58 - 18+06	1	
LT 17+80 - 18+31	1	
PROJECT TOTAL	2	
63100169		

TERMINAL MARKER - DIRECT APPLIED		
STATION	EACH	REMARKS
GENESEE COURT		
RT 17+58	1	
LT 17+80	1	
PROJECT TOTAL	2	
72501000		

GUARDRAIL REFLECTORS, TYPE B		
STATION	EACH	REMARKS
GENESEE COURT		
RT 17+59 - 20+87	4	
LT 17+80 - 20+87	4	
PROJECT TOTAL	8	
78200006		

REVISION	DATE	BY	REMARKS	DESIGNED	GFS
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				REVIEWED	GFS
				APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



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SCHEDULE OF QUANTITIES

SHEET 4 OF 5 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>13</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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SCHEDULE OF QUANTITIES

OUTLET (SPECIAL)		
STATION	EACH	REMARKS
GENESEE COURT		
LT 20+94	1	
RT 20+94	1	
PROJECT TOTAL		
2		
X0324058		

SEEDING, CLASS 1A (SPECIAL)		
STATION	ACRE	REMARKS
GENESEE COURT		
LT 20+87 - 21+25	0.03	COVERED WITH BLANKET
LT 21+37 - 22+00	0.03	COVERED WITH BLANKET
RT 20+87 - 21+06	0.03	COVERED WITH BLANKET
RT 21+41 - 22+00	0.03	COVERED WITH BLANKET
PROJECT TOTAL		
0.25		
ROUNDED TO NEAREST 0.25 ACRE		
X2500920		

SEEDING, CLASS 2A (SPECIAL)		
STATION	ACRE	REMARKS
GENESEE COURT		
LT 10+44 - 14+00	0.28	COVERED WITH BLANKET
LT 14+24 - 17+00	0.25	COVERED WITH BLANKET
LT 17+23 - 19+14	0.20	COVERED WITH BLANKET
RT 10+45 - 16+91	0.53	COVERED WITH BLANKET
RT 17+34 - 19+12	0.08	COVERED WITH BLANKET
RT 20+32 - 20+87	0.08	COVERED WITH BLANKET
SUB TOTAL:	1.43	
LISTER ROAD		
LT 40+65 - 49+19	0.28	COVERED WITH BLANKET
RT 40+65 - 49+27	0.38	COVERED WITH BLANKET
SUB TOTAL:	0.65	
ROCK CREEK		
LT 30+86 - 39+71	1.39	COVERED WITH BLANKET
SUB TOTAL:	1.39	
PROJECT TOTAL		
3.50		
ROUNDED TO NEAREST 0.25 ACRE		
X2501020		

SEEDING, CLASS 4		
STATION	ACRE	REMARKS
ROCK CREEK		
LT 31+54 - 39+63	0.70	COVERED WITH BLANKET
LT 40+45 - 45+19	0.83	COVERED WITH BLANKET
RT 38+70 - 39+64	0.08	COVERED WITH BLANKET
RT 40+58 - 45+19	0.40	COVERED WITH BLANKET
PROJECT TOTAL		
2.00		
ROUNDED TO NEAREST 0.25 ACRE		
25000310		

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (SPECIAL) X2020410 (Cu Yd)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 0.25	CHANNEL EXCAVATION 20300100 (Cu Yd)	CHANNEL EXCAVATION ADJUSTED FOR SHRINKAGE 0.5	EMBANKMENT	EARTH BALANCE WASTE (+) OR FURNISHED EXCAVATION (-) (Cu Yd)
GENESEE CT.	3,571	2,679			2,815	-136
LISTER RD.	4,343	3,257			1,549	1,708
ROCK CREEK			18,201	9,100	52	9,048
TOTALS	7,914	5,936	18,201	9,100	4,416	10,620

REVISION	DATE	BY	REMARKS	DESIGNED	GFS
				DRAWN	DLB
				REVIEWED	GFS
				APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00

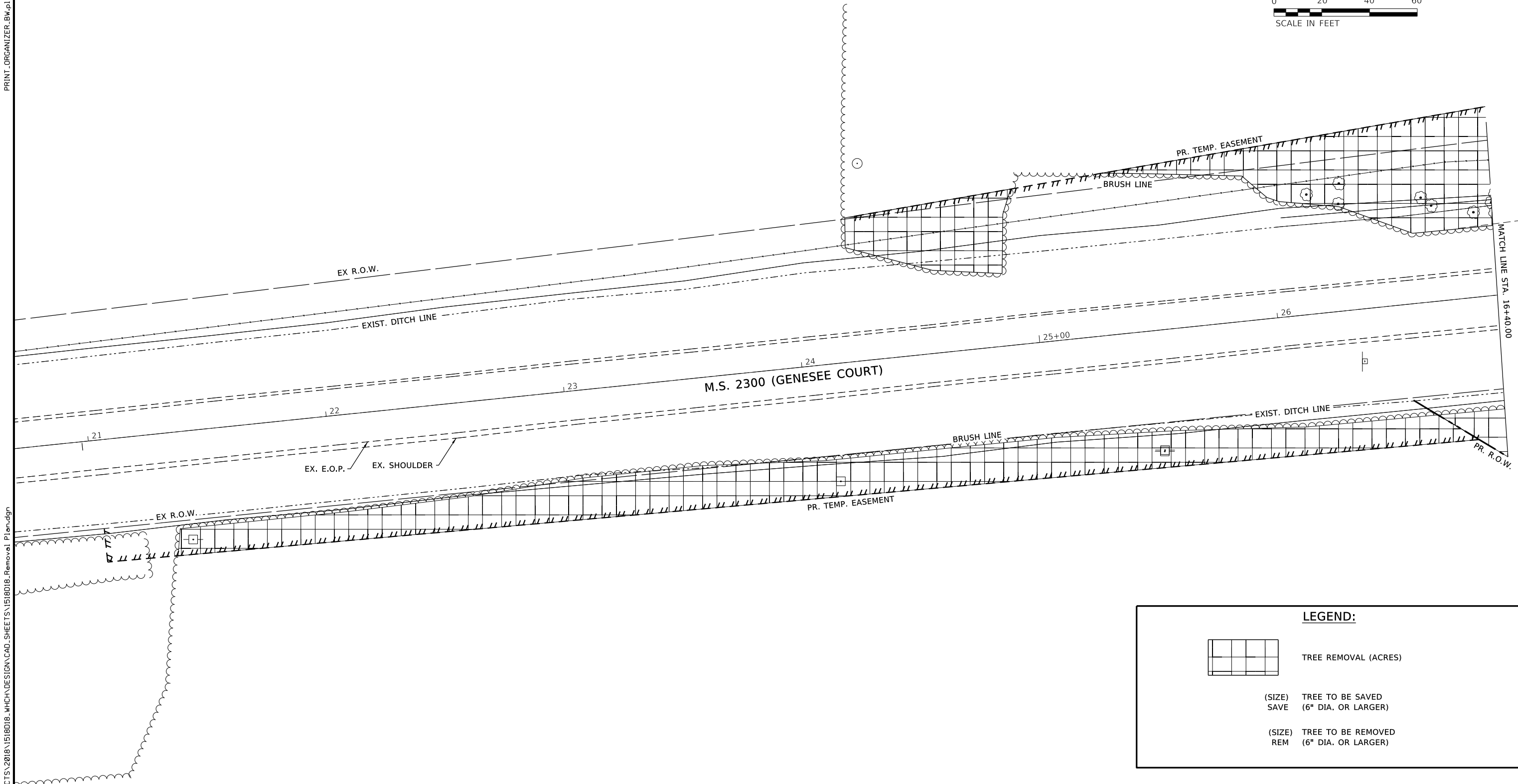
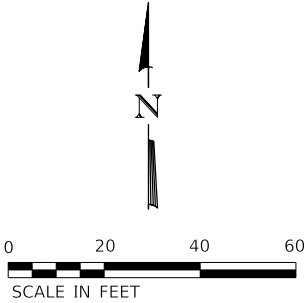


WILLETT HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61265
T: 309-517-1119 DESIGN FIRM: # 184-000918

SCHEDULE OF QUANTITIES

SHEET 5 OF 5 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>14</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		



LEGEND:

TREE REMOVAL (ACRES)

(SIZE) SAVE

TREE TO BE SAVED
(6" DIA. OR LARGER)

(SIZE) REM

TREE TO BE REMOVED
(6" DIA. OR LARGER)

REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00

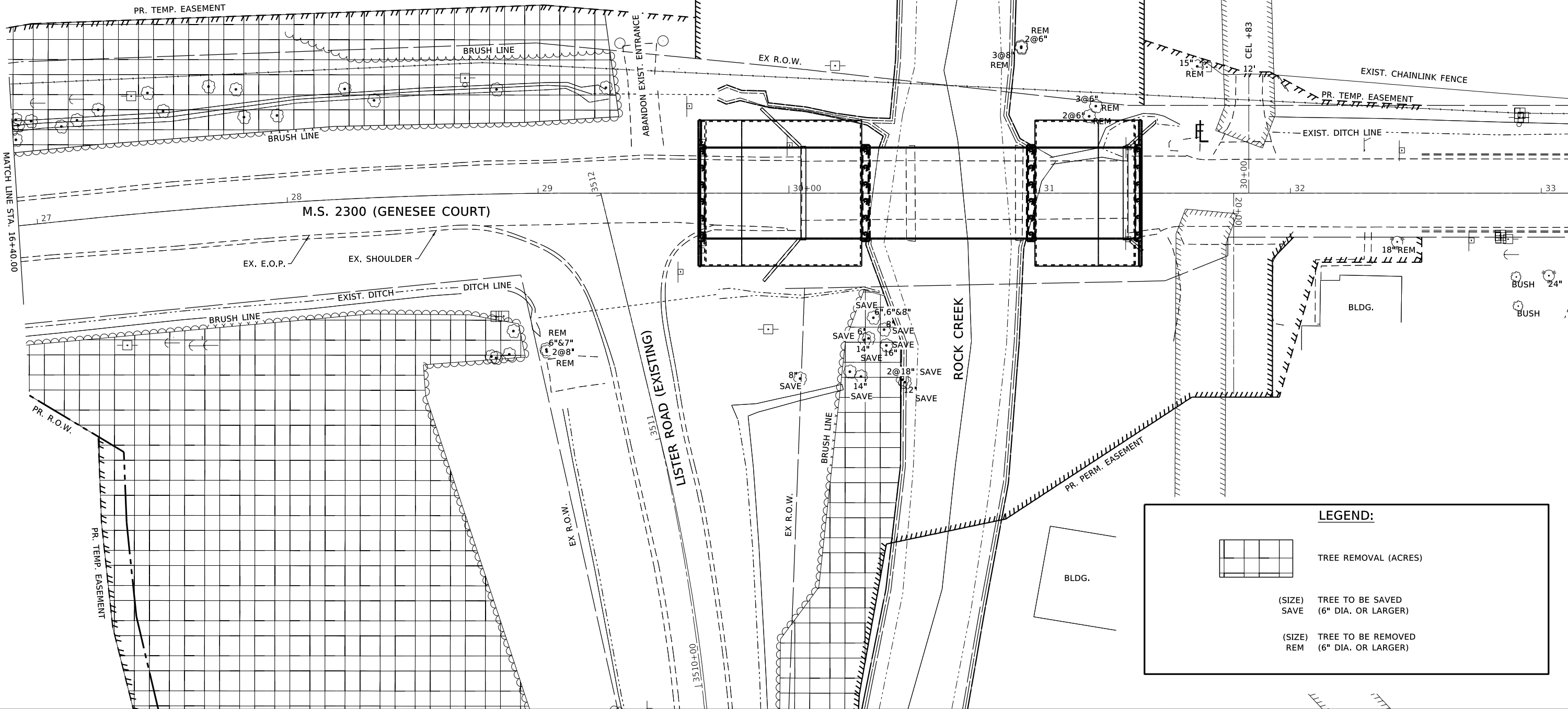
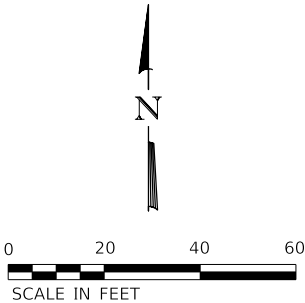
WILLET HOFMANN
ASSOCIATES INC

ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

TREE REMOVAL PLAN

SHEET 1 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	15
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		



REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

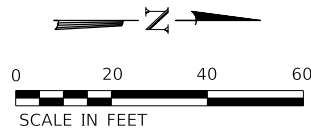
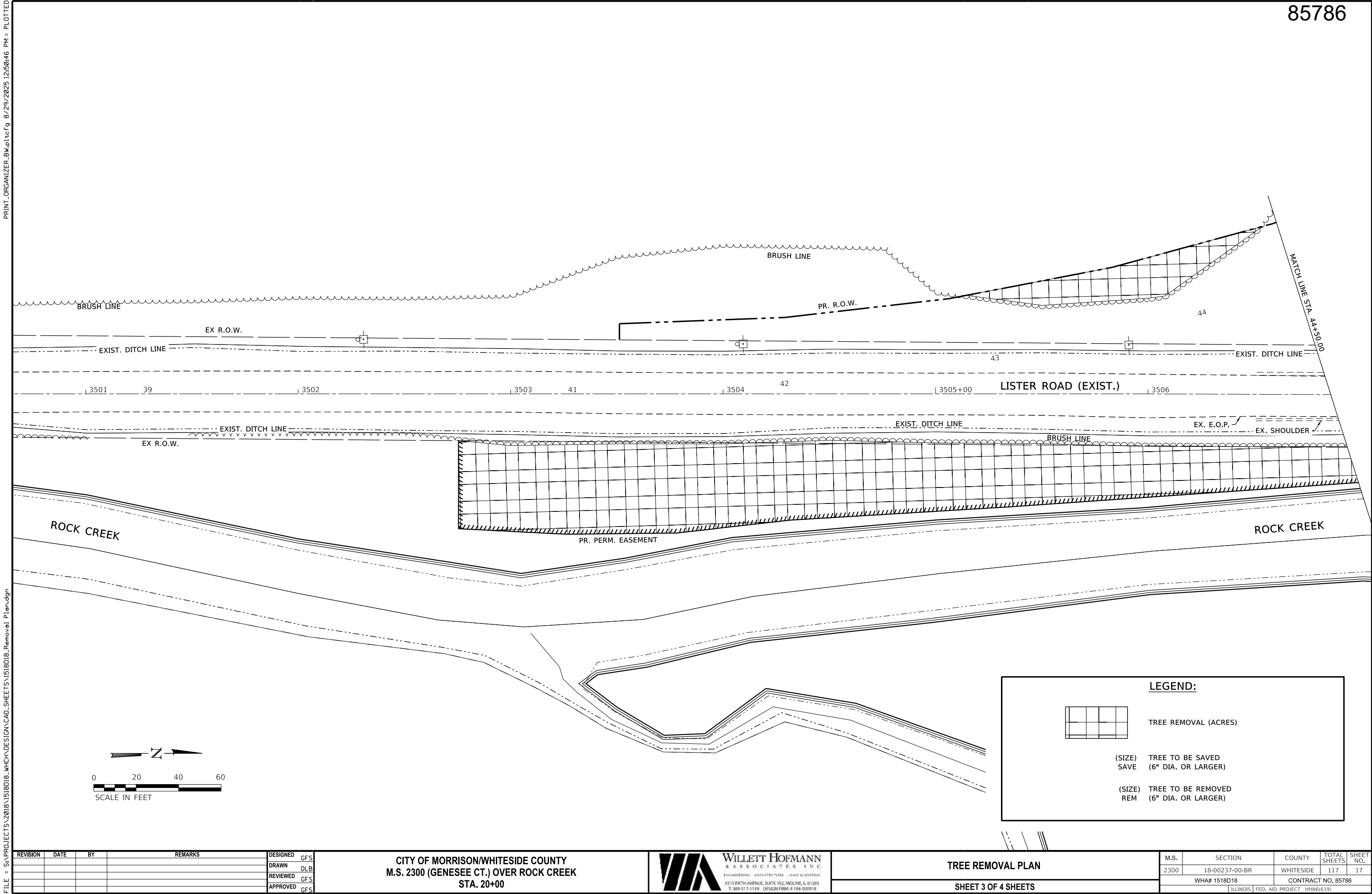
TREE REMOVAL PLAN

SHEET 2 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	16
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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LEGEND:

TREE REMOVAL (ACRES)

(SIZE) TREE TO BE SAVED
SAVE (6" DIA. OR LARGER)

(SIZE) TREE TO BE REMOVED
REM (6" DIA. OR LARGER)

REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00

WILLET-HOFMANN & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

TREE REMOVAL PLAN

SHEET 3 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	17
WHA# 1518D18		CONTRACT NO. 85786		
		ILLINOIS FED. AID PROJECT HHN6(619)		

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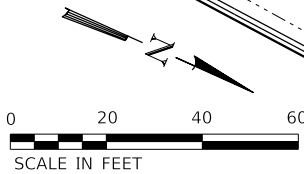
PR. R.O.W.

MATCH LINE STA. 44+50.00

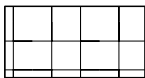
LISTER ROAD (EXIST.)

ROCK CREEK

M.S. 2300 (GENESEE COURT)
(PRAIRIE CENTER ROAD)



LEGEND:



TREE REMOVAL (ACRES)

(SIZE) TREE TO BE SAVED
SAVE (6" DIA. OR LARGER)

(SIZE) TREE TO BE REMOVED
REM (6" DIA. OR LARGER)

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLETT HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

TREE REMOVAL PLAN

SHEET 4 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	18
WHA# 1518D18		CONTRACT NO. 85786		

ILLINOIS FED. AID PROJECT HHN6(619)

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85786

LEGEND

- PROPOSED MAJOR CONTOUR
-
- EXISTING MAJOR CONTOUR

PROPOSED MINOR CONTOUR

FOR LISTER ROAD
GRADING SEE LISTER
ROAD CROSS SECTIONS

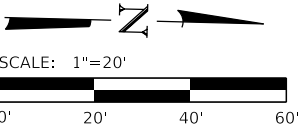
LISTER ROAD CENTERLINE

ROCK CREEK CENTERLINE

ROCK CREEK CENTERLINE



Know what's below.
Call before you dig.



REVISION	DATE	BY	REMARKS

DESIGNED	CJI
DRAWN	CJI
REVIEWED	XXX
APPROVED	XXX

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLETT HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

ROCK CREEK GRADING PLAN

SHEET 1 OF 3 SHEETS

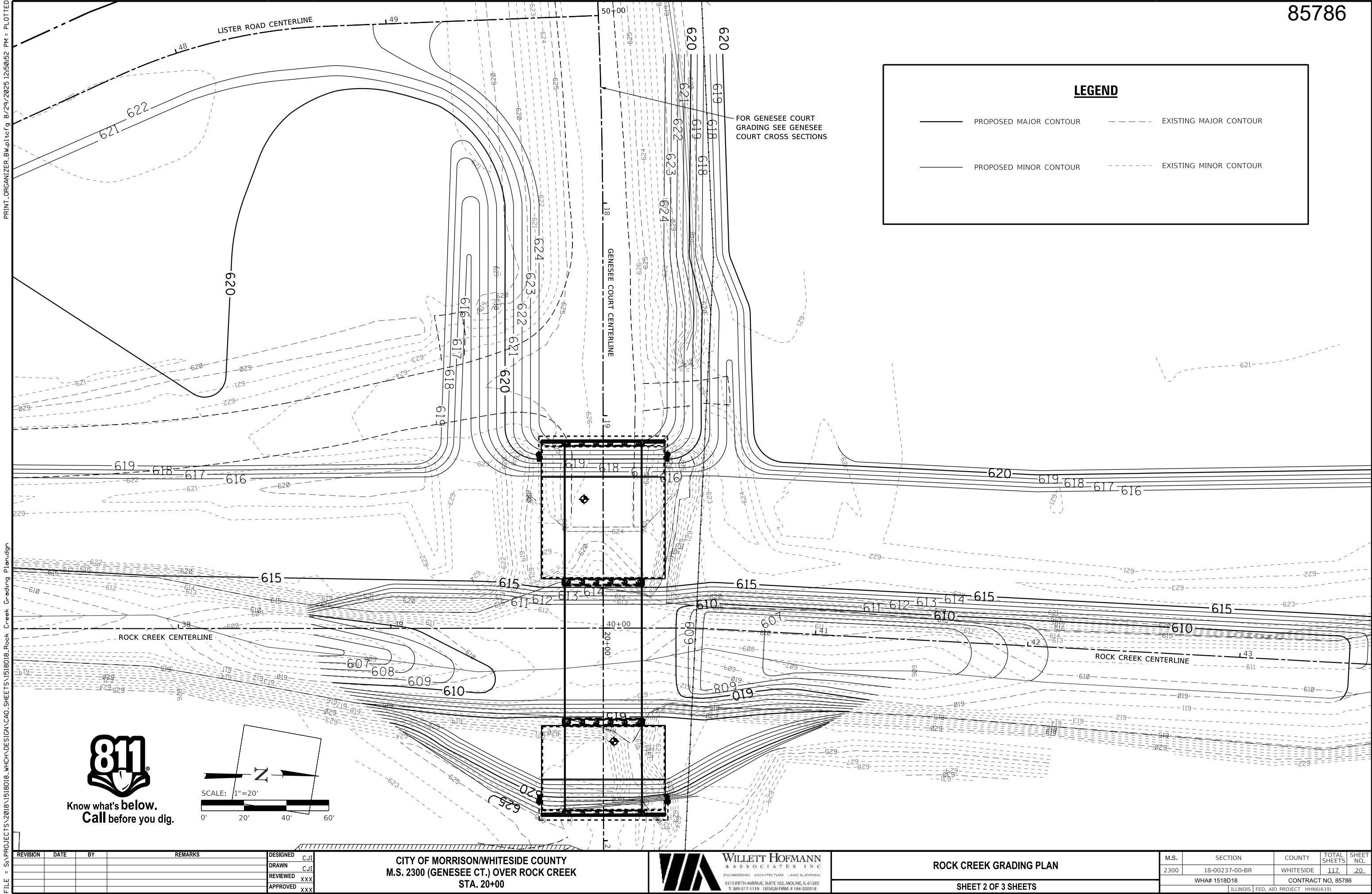
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	19
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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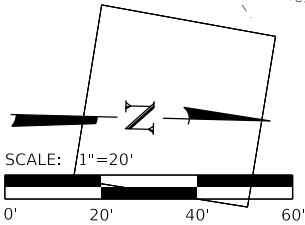
LEGEND

- PROPOSED MAJOR CONTOUR
- EXISTING MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MINOR CONTOUR

FOR GENESEE COURT
GRADING SEE GENESEE
COURT CROSS SECTIONS



Know what's below.
Call before you dig.



REVISION	DATE	BY	REMARKS

DESIGNED	CJI
DRAWN	CJI
REVIEWED	XXX
APPROVED	XXX

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

ROCK CREEK GRADING PLAN

SHEET 2 OF 3 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	20
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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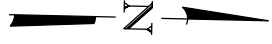
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LEGEND

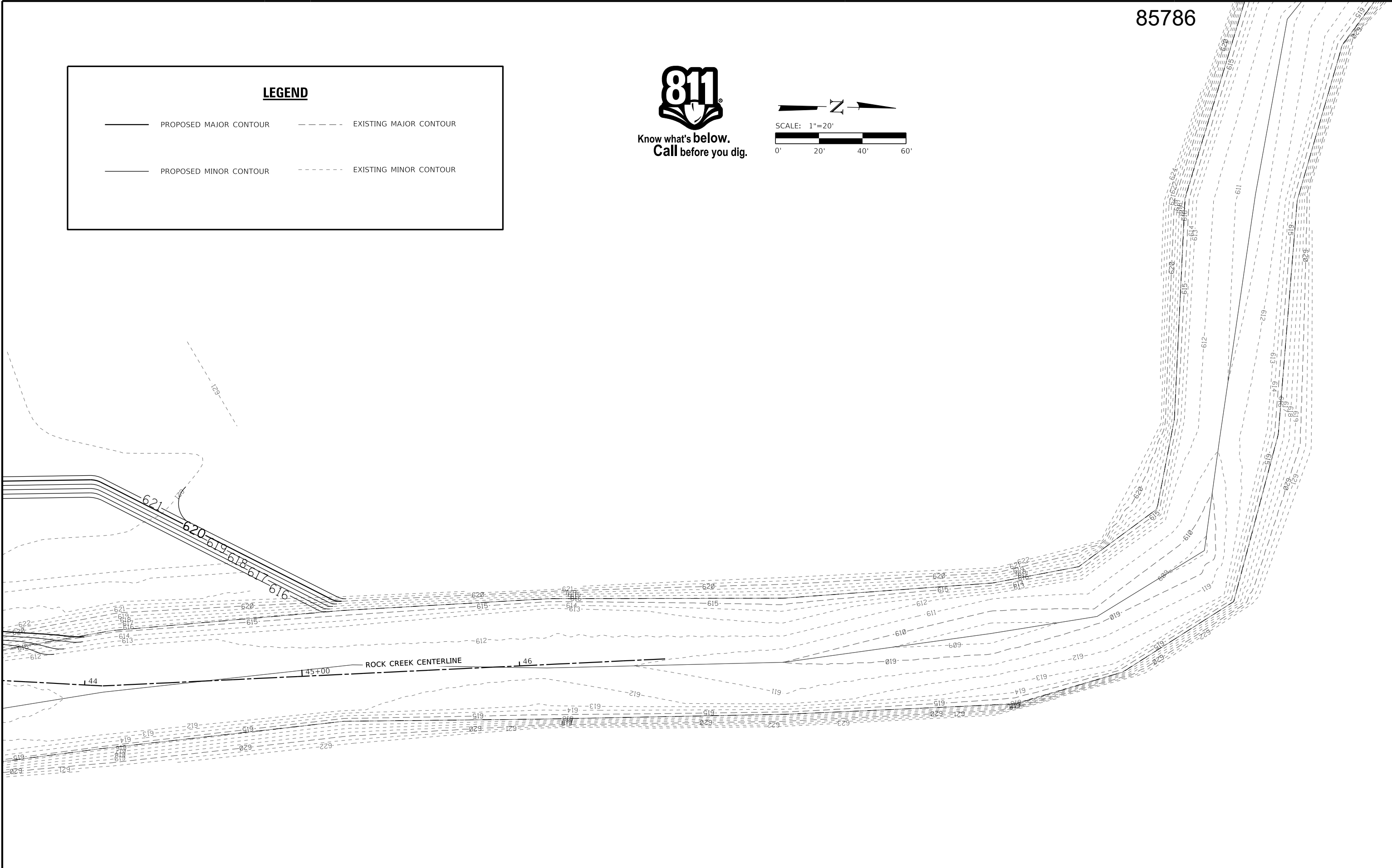
- PROPOSED MAJOR CONTOUR
-
- EXISTING MAJOR CONTOUR

PROPOSED MINOR CONTOUR

Know what's below.
Call before you dig.



SCALE: 1"=20'



REVISION	DATE	BY	REMARKS	DESIGNED	CJI
				DRAWN	CJI
				REVIEWED	XXX
				APPROVED	XXX

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLETT HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

ROCK CREEK GRADING PLAN	
SHEET 3 OF 3 SHEETS	

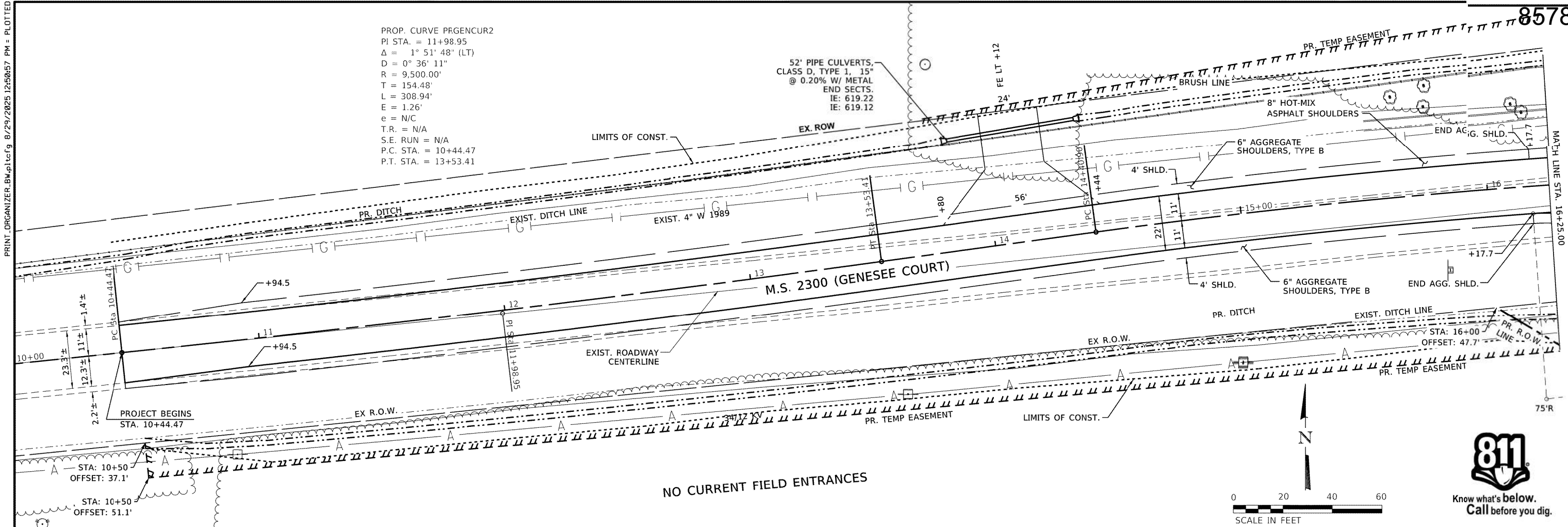
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>21</u>
WHA# 1518D18		CONTRACT NO. 85786		
		ILLINOIS FED. AID PROJECT HHN6(619)		

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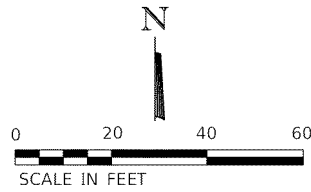
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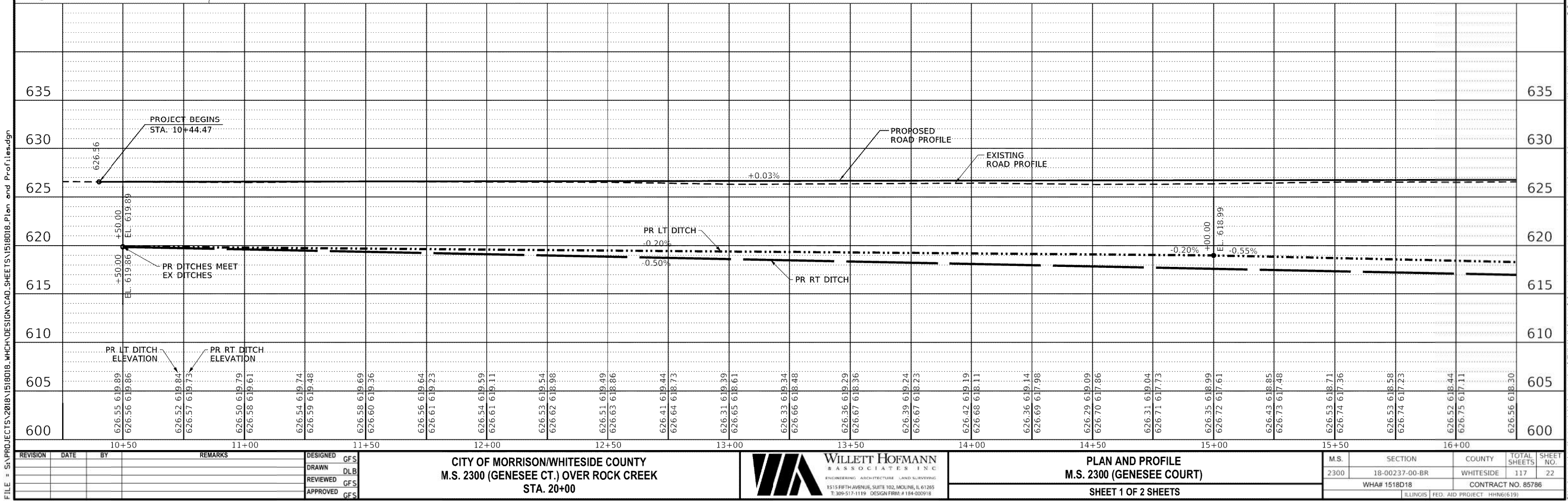
PROP. CURVE PGENCUR2
PI STA. = 11+98.95
 $\Delta = 1^\circ 51' 48''$ (LT)
 $R = 9,500.00'$
 $T = 154.48'$
 $L = 308.94'$
 $E = 1.26'$
 $e = N/C$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 10+44.47$
 $P.T. STA. = 13+53.41$

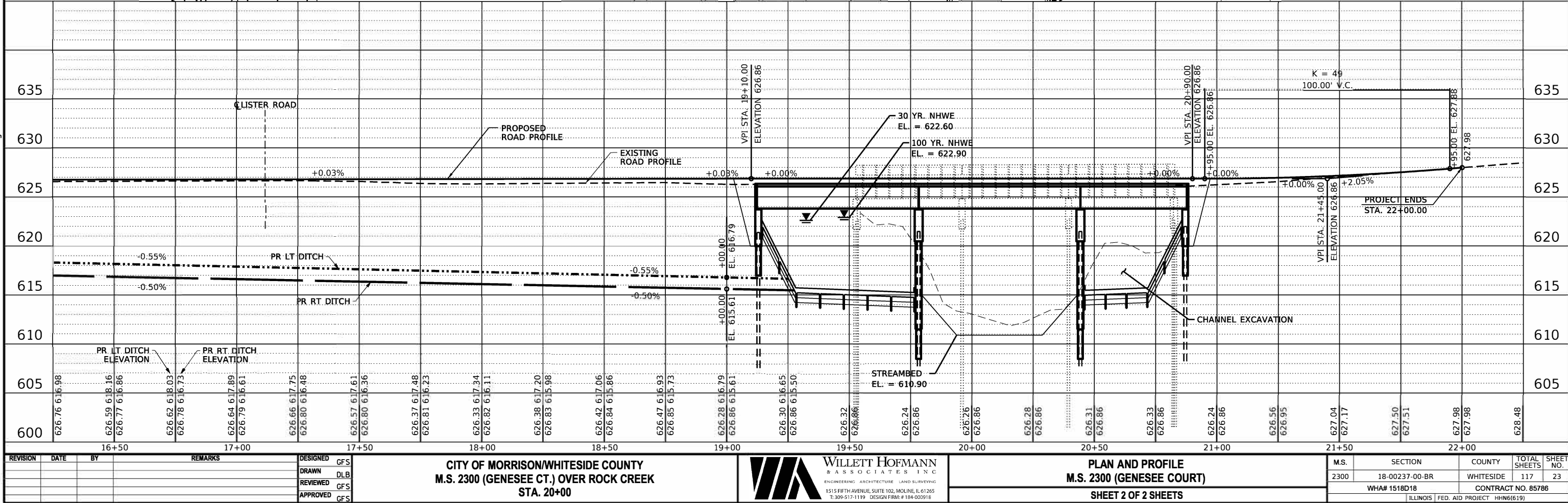


NO CURRENT FIELD ENTRANCES



Know what's below.
Call before you dig.



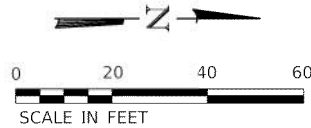


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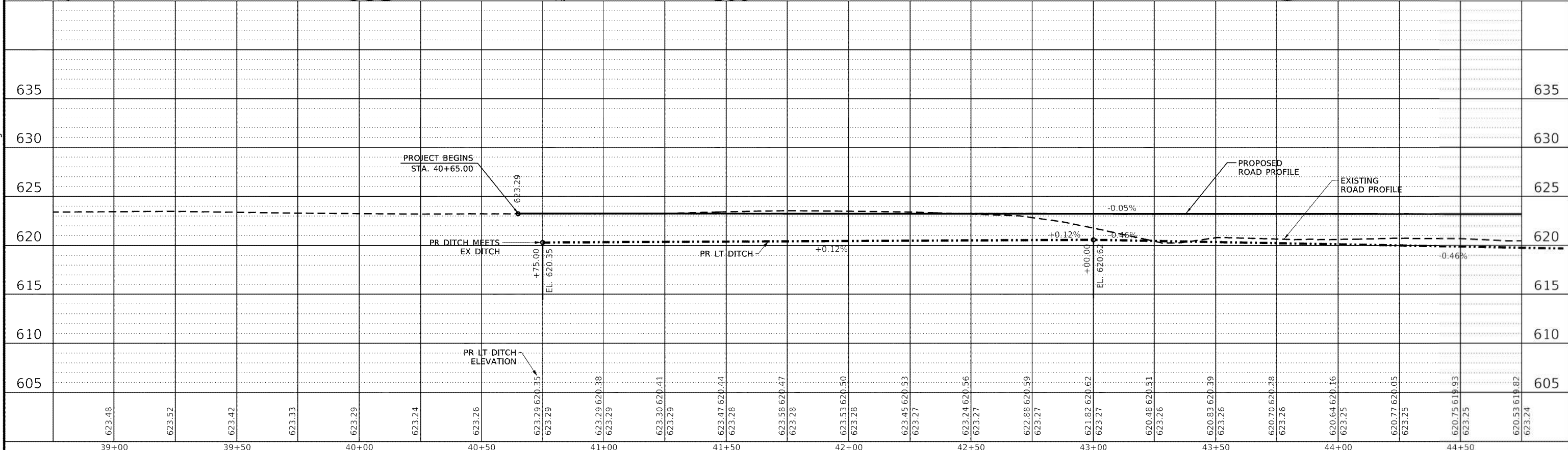
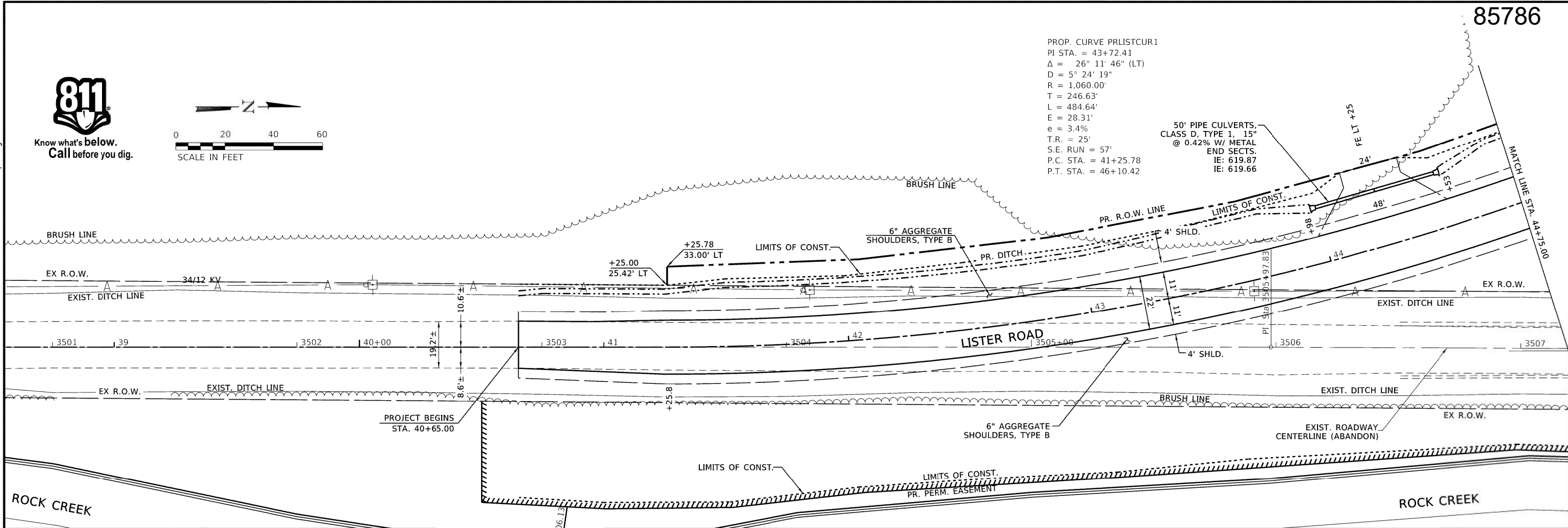


Know what's below.
Call before you dig.

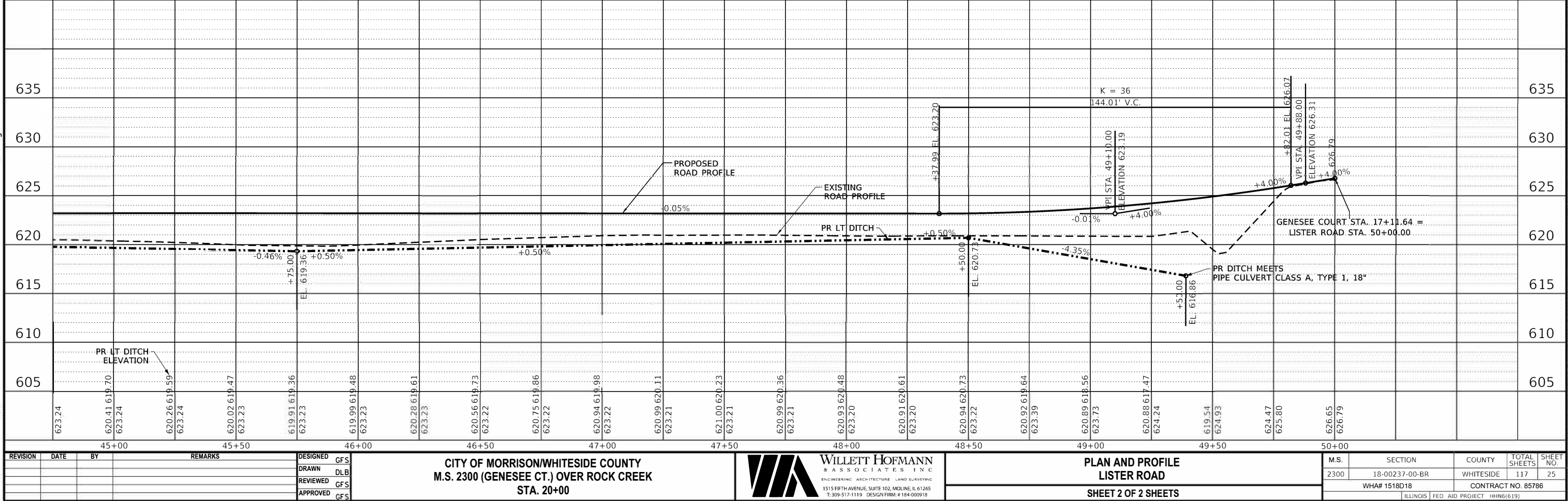
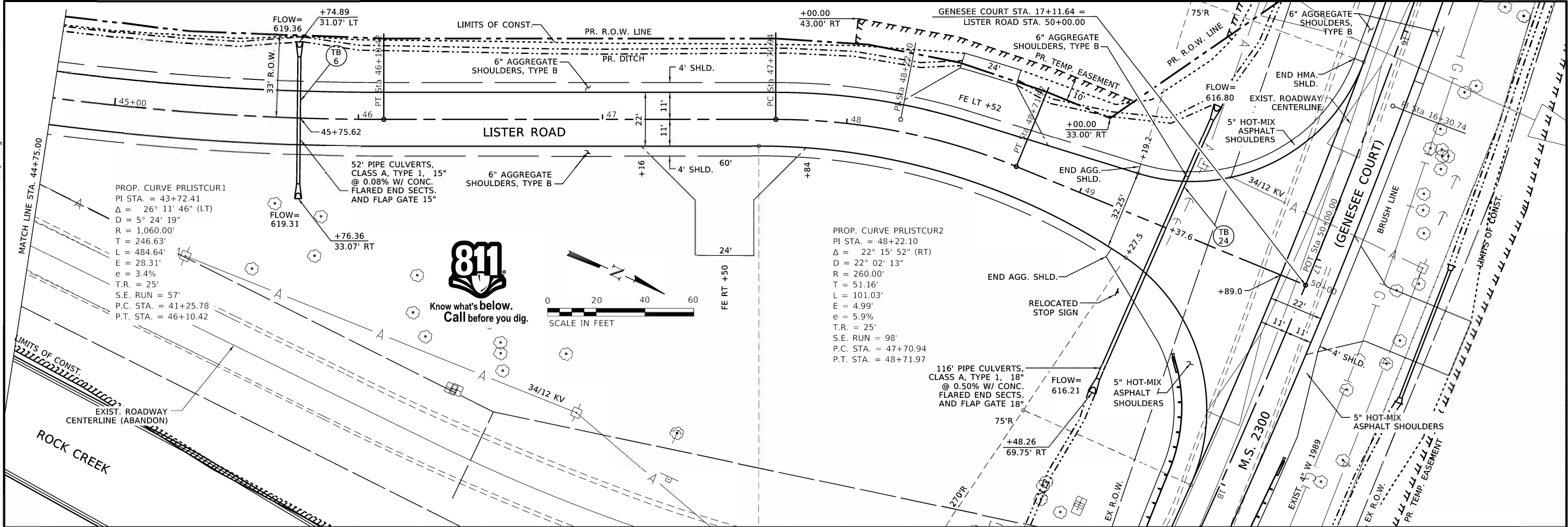


PROP. CURVE PRLISTCUR1
PI STA. = 43+72.41
 Δ = 26° 11' 46" (LT)
D = 5° 24' 19"
R = 1,060.00'
T = 246.63'
L = 484.64'
E = 28.31'
e = 3.4%
T.R. = 25'
S.E. RUN = 57'
P.C. STA. = 41+25.78
P.T. STA. = 46+10.42

50' PIPE CULVERTS,
CLASS D, TYPE 1, 15"
@ 0.42% W/ METAL
END SECTS.
IE: 619.87
IE: 619.66



REVISION	DATE	BY	REMARKS	DESIGNED	GFS	CITY OF MORRISON/WHITESIDE COUNTY M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK STA. 20+00	 WILLETT HOFMANN & ASSOCIATES INC. ENGINEERING ARCHITECTURE LAND SURVEYING 1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61205 T: 309-517-1119 DESIGN FIRM # 184-000918	PLAN AND PROFILE LISTER ROAD			M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
				DRAWN	DLB			2300	18-00237-00-BR	WHITESIDE	117	24				
				REVIEWED	GFS			WHA# 1518D18		CONTRACT NO. 85786						
				APPROVED	GFS			SHEET 1 OF 2 SHEETS								
														ILLINOIS FED. AID PROJECT - HHN6(619)		



REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00

WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61265
T: 309-517-1119 DESIGN FIRM: # 184-000918

**PLAN AND PROFILE
LISTER ROAD**

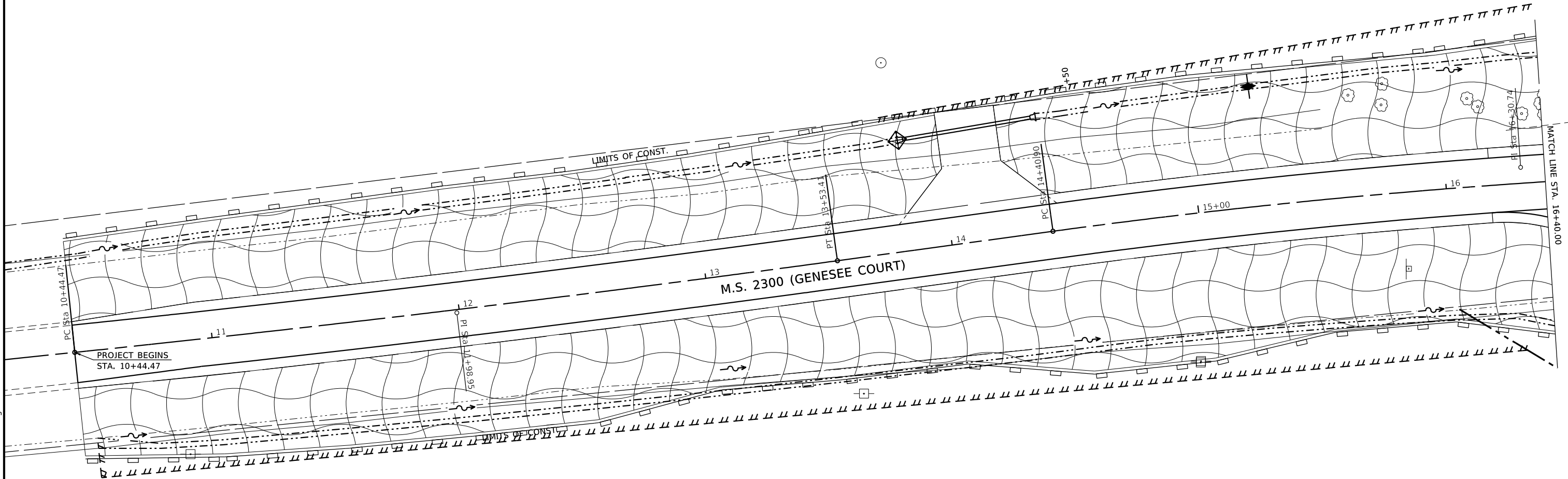
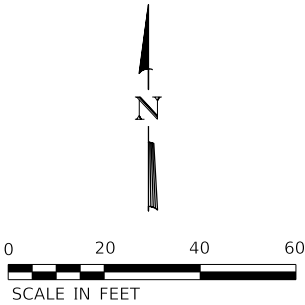
SHEET 2 OF 2 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	25
WHA# 1518D18		CONTRACT NO. 85786		
		ILLINOIS FED. AID PROJECT HHNG(619)		

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85786



LEGEND:

PERIMETER EROSION BARRIER

INLET AND PIPE PROTECTION

TEMPORARY DITCH CHECK

DRAINAGE FLOW

STONE RIPRAP,
CLASS A5

SEEDING, CLASS 2A (SPL) W/
EROSION CONTROL BLANKET

SEEDING, CLASS 1A (SPL) W/
EROSION CONTROL BLANKET

SEEDING, CLASS 4 W/
EROSION CONTROL BLANKET

REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

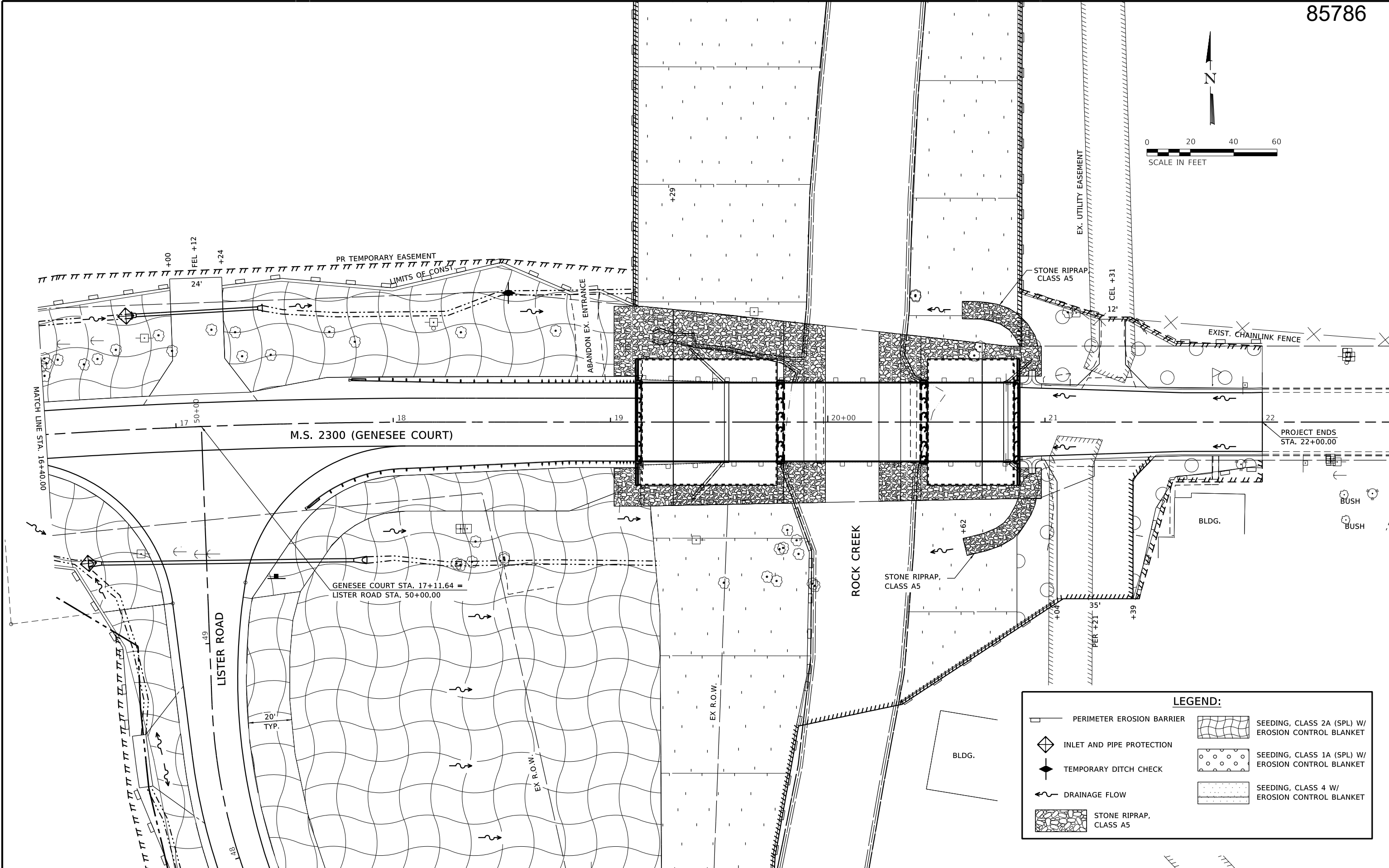
CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00

WILLET-HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

EROSION CONTROL PLAN
M.S. 2300 (GENESEE COURT)

SHEET 1 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	26
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		



REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00

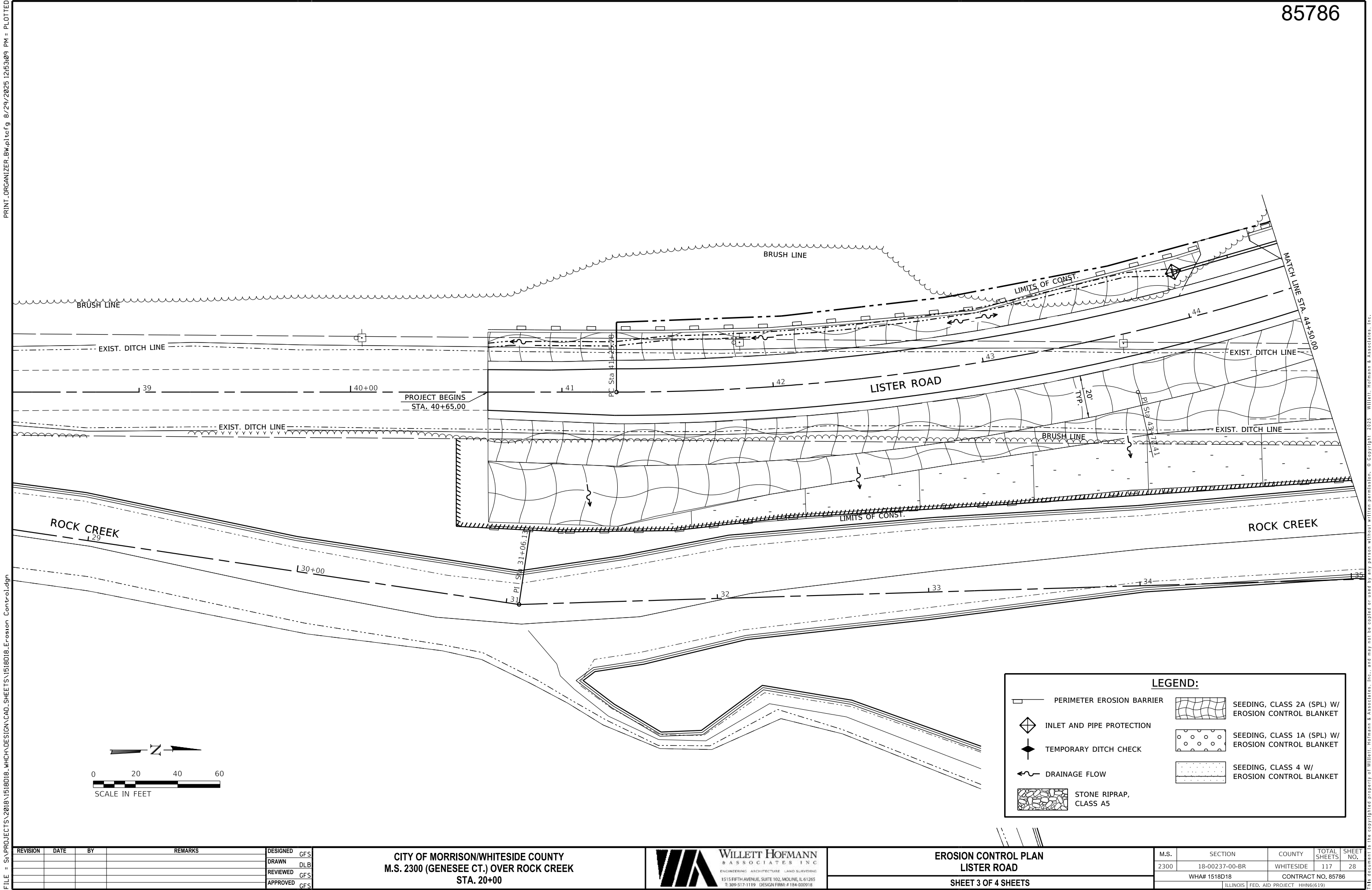
WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM: # 184-000918

EROSION CONTROL PLAN
M.S. 2300 (GENESEE COURT)
SHEET 2 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	27
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVISION	DATE	BY	REMARKS	DESIGNED	GFS
				DRAWN	DLB
				REVIEWED	GFS
				APPROVED	GFS

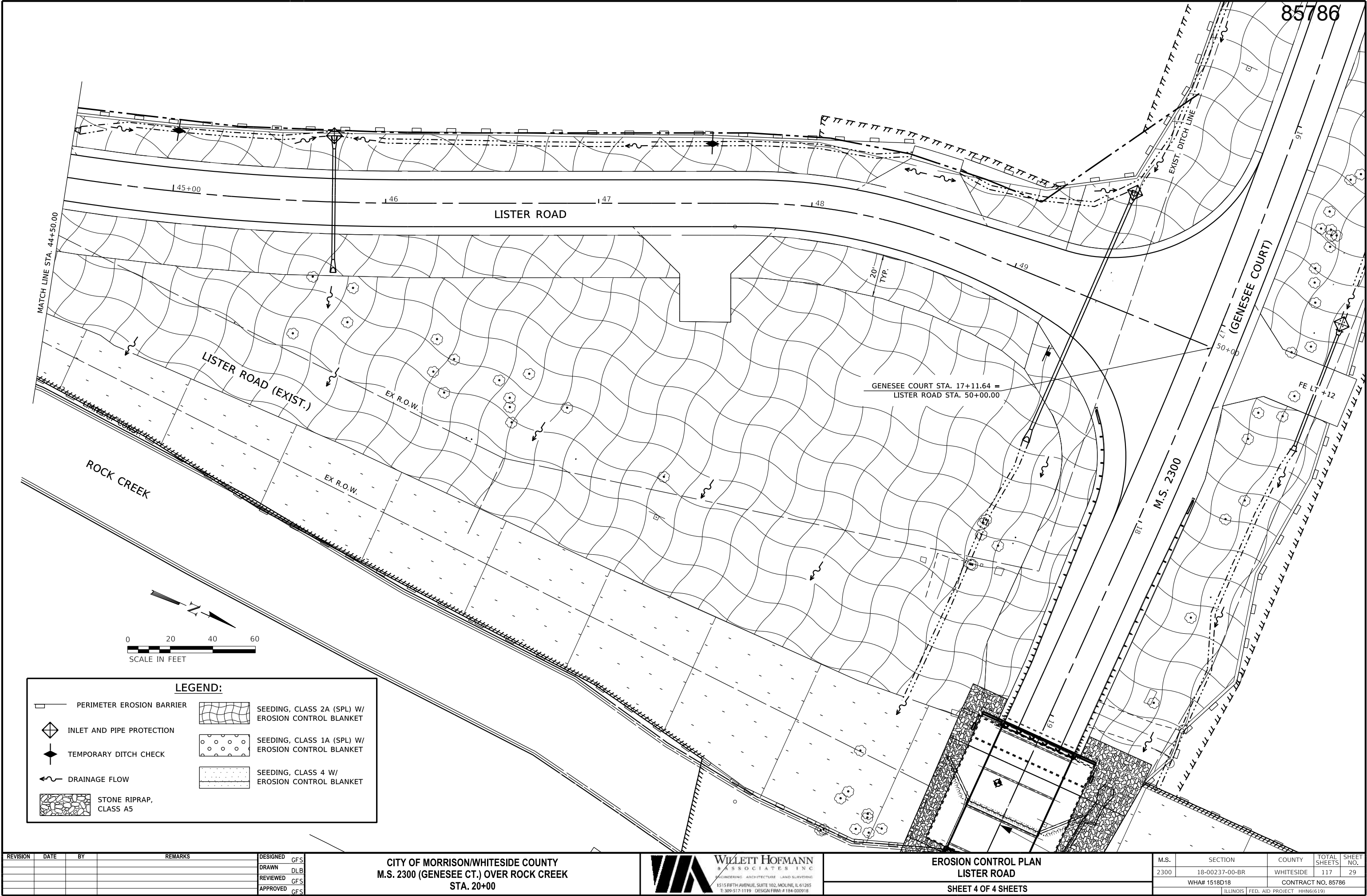
CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00

WILLET-HOFMANN & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

EROSION CONTROL PLAN
LISTER ROAD
SHEET 3 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	28
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	DLB
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET & HOFMANN ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOUNI, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

EROSION CONTROL PLAN
LISTER ROAD
SHEET 4 OF 4 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	29
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

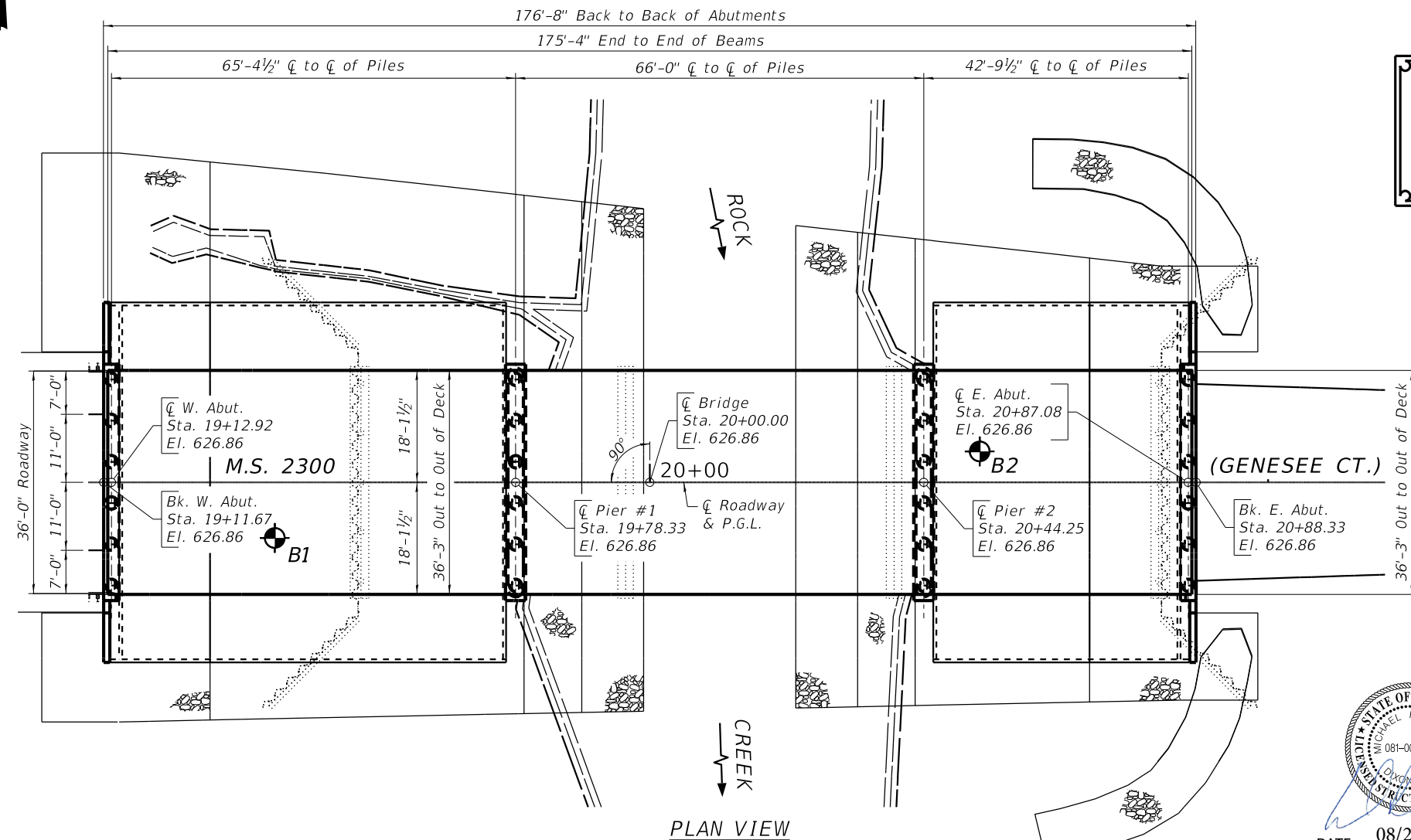
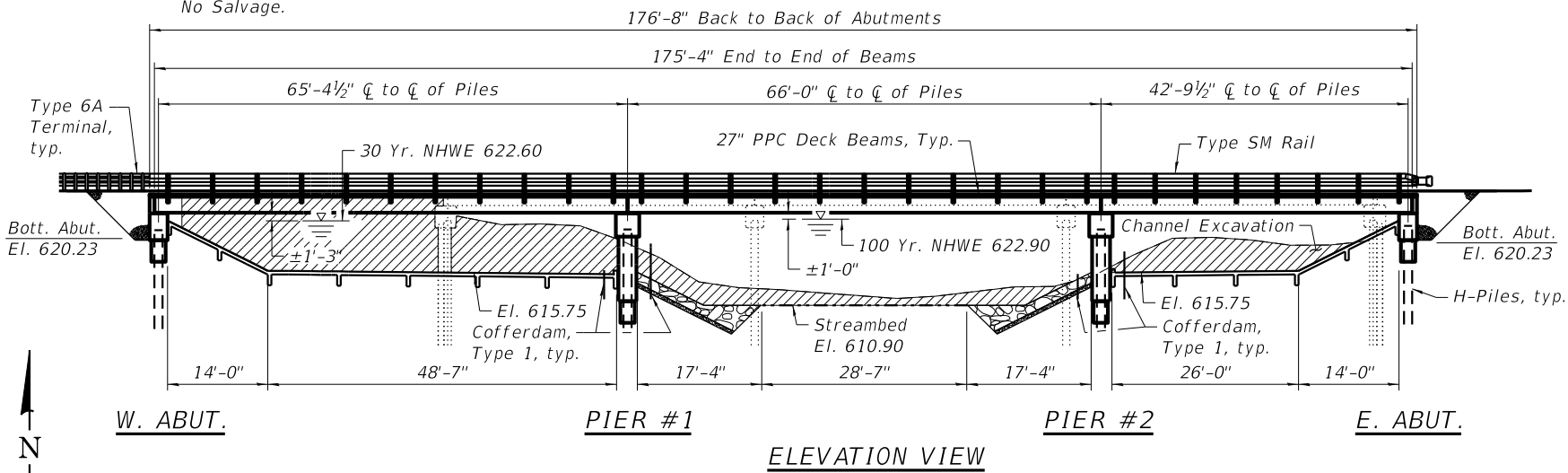
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Existing Structure: S.N. 098-5057 A three span (43'-4"; 43'-5"; 43'-4") precast prestressed concrete deck beam bridge at Station 20+00. No skew.

Road closed during construction.

No Salvage.



Bench Mark : #402 RR Spike in PP N.E. of Existing Bridge, S.N. 098-5057 50.80' Lt. of Sta. 19+66.14. Elev. 623.13

85786

INDEX OF STRUCTURAL SHEETS

- 1 General Plan & Elevation
- 2 General Data
- 3-4 Riprap, Slope wall, and Pile Layout
- 5 Superstructure
- 6 Superstructure Details
- 7 27in x 48in PPC Deck Beams - Span 1 & 2
- 8 27in x 48in PPC Deck Beam Details - Span 1 & 2
- 9 27in x 36in PPC Deck Beams - Span 1 & 2
- 10 27in x 36in PPC Deck Beam Details - Span 1 & 2
- 11 27in x 48in PPC Deck Beams - Span 3
- 12 27in x 48in PPC Deck Beam Details - Span 3
- 13 27in x 36in PPC Deck Beams - Span 3
- 14 27in x 36in PPC Deck Beam Details - Span 3
- 15-16 Pier Details
- 17 Abutment Details
- 18 HP Pile Details
- 19-20 Steel Railing, Type SM
- 21-22 Boring Logs
- 23 Existing Plan - GP&E

HIGHWAY CLASSIFICATION

M.S. 2300 (Genesee Court)
Functional Class: Local Road
ADT: 1,100 (2021); 1,234 (2044)
ADTT: 99 (2021); 111 (2044)
DHW: 123
Design Speed: 30 m.p.h.
Posted Speed: 30 m.p.h.
2-Way Traffic
Directional Distribution: 50:50

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.078 g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.128 g
Soil Site Class = D

DESIGN STRESSES

FIELD UNITS

f'_c = 3,500 psi
 f_y = 60,000 psi (Reinforcement)

PRECAST PRESTRESSED UNITS

f'_c = 6,000 psi
 f'_{ci} = 5,000 psi
 f_{pu} = 270,000 psi (½" $\bar{O}$ Low Lax Strands)
 f_{pbt} = 201,960 psi (½" $\bar{O}$ Low Lax Strands)

ROCK CREEK
BUILT 2026 BY
WHITESIDE COUNTY
SECTION 18-00237-00-BR
M.S. 2300 STATION 20+00.00
STR. NO. 098-6020 LOADING HL-93

NAME PLATE LETTERING

Refer To Std. 515001

WATERWAY INFORMATION

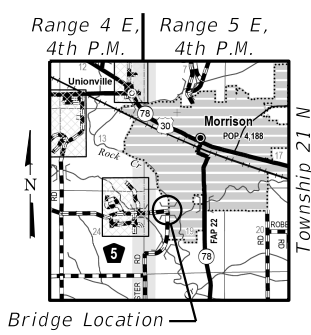
Drainage Area = 164.5 Sq. Mi.			Low Grade El. 626.56 @ Sta. 10+50						
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.	Nat. H.W.E.	Head - Ft.	Headwater El.	Exist.	Prop.	Exist.
	10	3600	779	1186	622.20	0.90	0.00	623.10	622.20
Design	30	4550	827	1252	622.60	1.50	0.10	624.10	622.70
Base/Scour Design	100	5590	864	1301	622.90	2.30	0.20	625.20	623.10
Scour Check	200	6228	876	1317	623.00	2.40	0.30	625.40	623.30
Max. Calc	500	7060	912	1367	623.30	2.80	0.50	626.10	623.80

DESIGN SCOUR ELEVATION TABLE

Event / Limit	Design Scour Elevations (ft.)				
	S. Abut.	Pier 1	Pier 2	N. Abut.	Item 113
Design	620.23	610.61	609.78	620.23	5
Check	620.23	610.37	609.55	620.23	

08/26/2025
EXPIRES 11/30/26

"I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans, the design is an economical one and complies with requirements of the current 'AASHTO Standard Specifications for Highway Bridges'."



GENERAL PLAN AND ELEVATION
M.S. 2300 (GENESEE COURT) OVER
ROCK CREEK
SEC. 18-00237-00-BR
WHITESIDE COUNTY
STATION 20+00.00
STRUCTURE NO. 098-6020

REVISION	DATE	BY	REMARKS

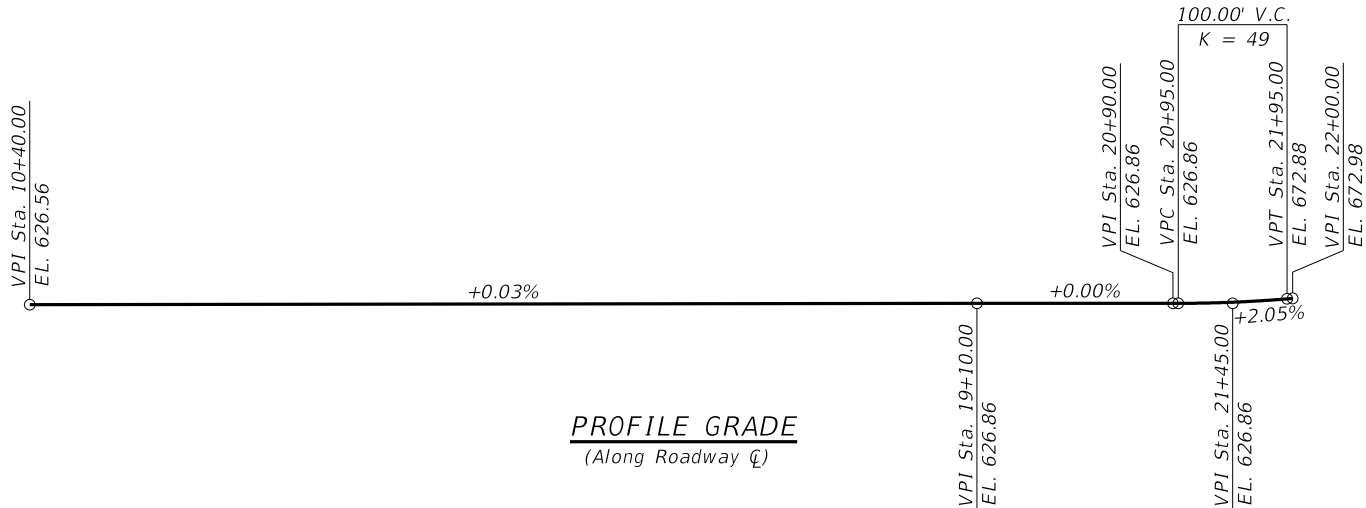
DESIGNED	JKP
DRAWN	RDA
REVIEWED	ATK
APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00

WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61265
T: 309-517-1119 DESIGN FIRM: # 184-000918

GENERAL PLAN & ELEVATION
STRUCTURAL SHEET 1 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	30
WHA# 1518D18		CONTRACT NO. 85786		
		ILLINOIS FED. AID PROJECT HHN6(619)		



PROFILE GRADE
(Along Roadway $\overline{C}$)

BILL OF MATERIAL - BRIDGE

ITEM	UNIT	SUPER	SUB	TOTAL
STONE RIPRAP, CLASS A5	SQ YD	-----	879	879
FILTER FABRIC	SQ YD	-----	879	879
SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	-----	688	688
SUBBASE GRANULAR MATERIAL, TYPE C 6"	SQ YD	-----	688	688
REMOVAL OF EXISTING STRUCTURES	EACH	-----	-----	1
STRUCTURE EXCAVATION	CU YD	-----	155	155
COFFERDAM EXCAVATION	CU YD	-----	75	75
COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	-----	1	1
COFFERDAM (TYPE 1) (LOCATION - 2)	EACH	-----	1	1
CONCRETE STRUCTURES	CU YD	-----	127.2	127.2
BRIDGE DECK GROOVING	SQ YD	673	-----	673
CONCRETE ENCASEMENT	CU YD	-----	8.4	8.4
PROTECTIVE COAT	SQ YD	712	-----	712
* PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	6351	-----	6351
REINFORCEMENT BARS, EPOXY COATED	POUND	8930	12390	21320
STEEL RAILING, TYPE SM	FOOT	354	-----	354
SLOPE WALL 6 INCH	SQ YD	-----	688	688
FURNISHING STEEL PILES HP12X53	FOOT	-----	900	900
DRIVING PILES	FOOT	-----	900	900
TEST PILE STEEL HP12X53	EACH	-----	4	4
PILE SHOES	EACH	-----	24	24
NAME PLATES	EACH	-----	1	1
GRANULAR BACKFILL FOR STRUCTURES	CU YD	-----	100	100
GEOCOMPOSITE WALL DRAIN	SQ YD	-----	70	70
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	-----	158	158
* CONCRETE WEARING SURFACE (VARIABLE DEPTH)	SQ YD	712	-----	712

GENERAL NOTES:

*See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

The channel shall be transitioned to fit the proposed structure inside the Right of Way. Cost shall be included in price per Cubic Yard for Channel Excavation.

GENERAL DATA
M.S. 2300 (GENESEE COURT) OVER
ROCK CREEK
SEC. 18-00237-00-BR
WHITESIDE COUNTY
STATION 20+00.00
STRUCTURE NO. 098-6020

REVISION	DATE	BY	REMARKS	DESIGNED	JKP
				DRAWN	RDA
				REVIEWED	ATK
				APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



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1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

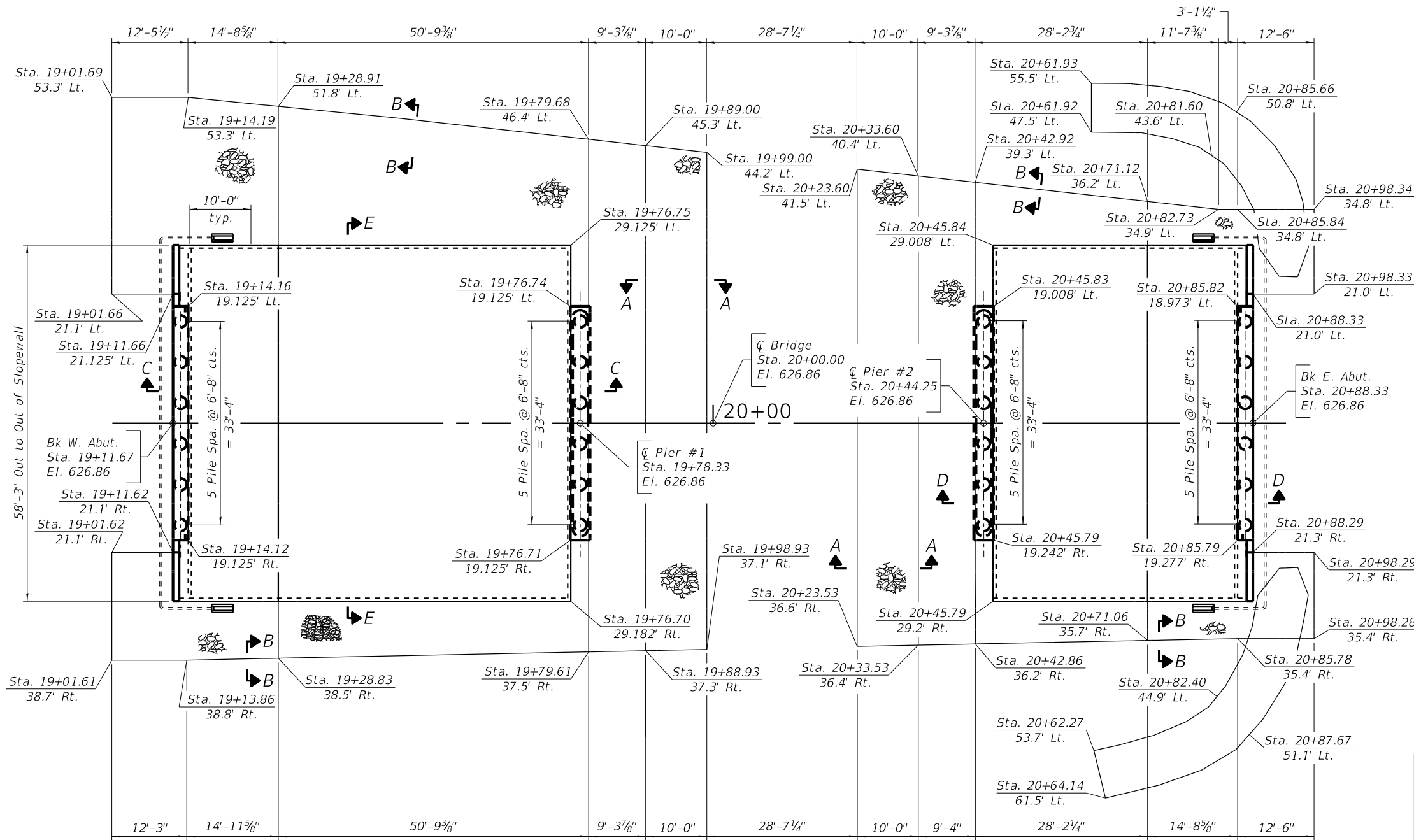
GENERAL DATA

STRUCTURAL SHEET 2 OF 23 SHEETS

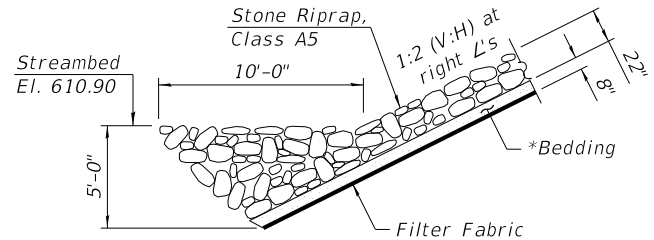
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WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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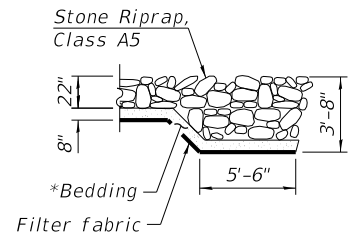
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PLAN VIEW



SECTION A-A



SECTION B-B

*Included in the cost of Stone Riprap, Class A5

BILL OF MATERIAL

ITEM	UNIT	TOTAL
STONE RIPRAP, CLASS A5	SQ YD	879
FILTER FABRIC	SQ YD	879
SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	688
SUBBASE GRANULAR MATERIAL, TYPE C 6"	SQ YD	688
COFFERDAM EXCAVATION	CU YD	75
COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	1
COFFERDAM (TYPE 1) (LOCATION - 2)	EACH	1
SLOPE WALL 6 INCH	SQ YD	688
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	158

NOTE:

See Structural Sheet 4 of 23 for Section C-C, D-D, and E-E.

REVISION	DATE	BY	REMARKS

DESIGNED	JKP
DRAWN	RDA
REVIEWED	ATK
APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00

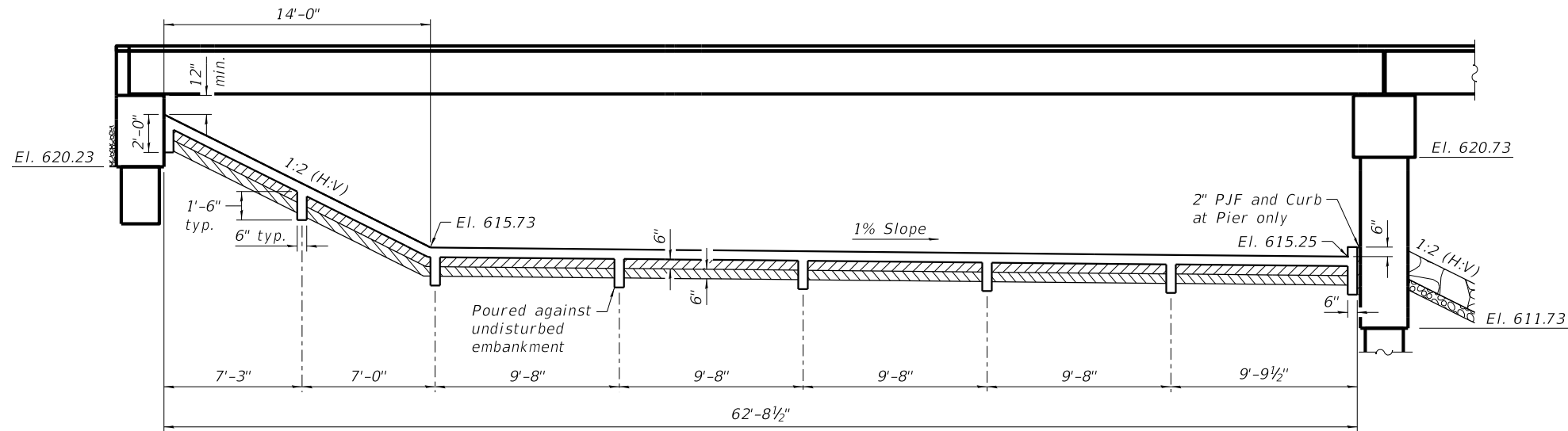


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1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

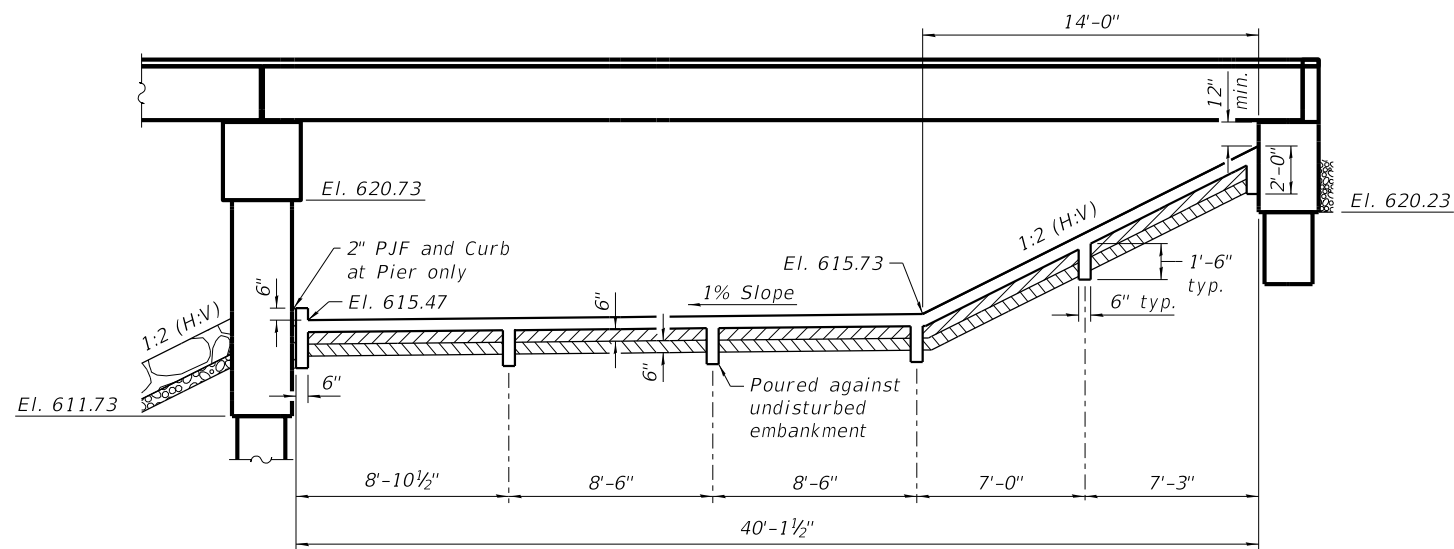
RIPRAP, SLOPEWALL AND PILE LAYOUT
STRUCTURE NO. 098-6020

STRUCTURAL SHEET 3 OF 23 SHEETS

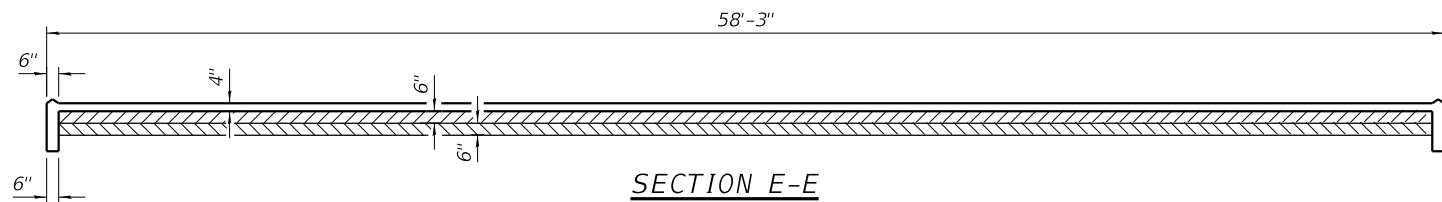
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2300	18-00237-00-BR	WHITESIDE	117	32
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		



SECTION C-C



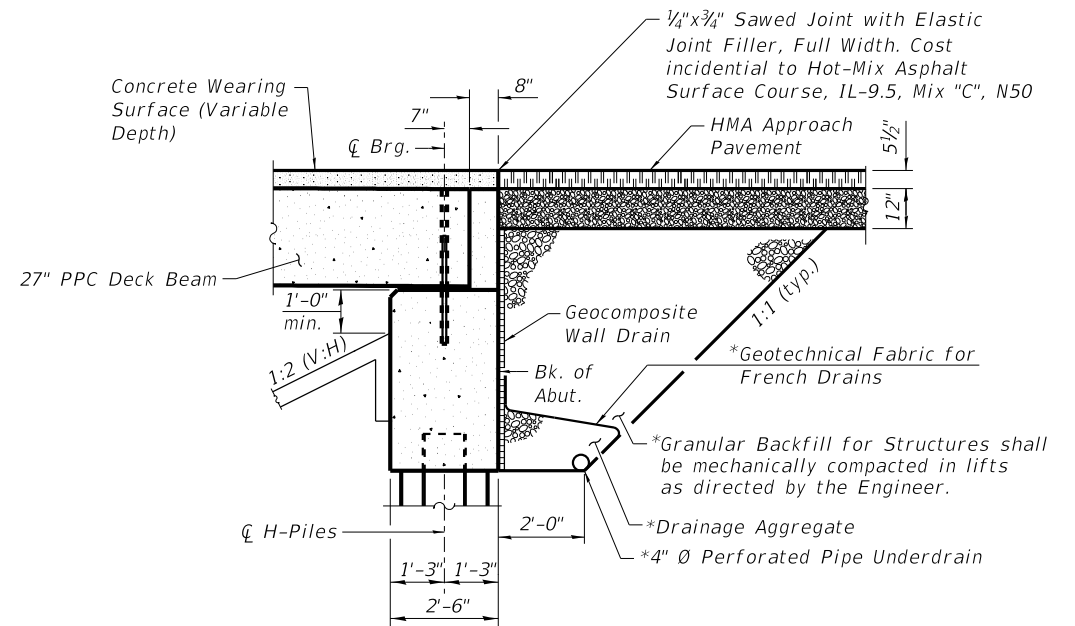
SECTION D-D



SECTION E-E

LEGEND

- Subbase Granular Material, Type B, 6"
- Subbase Granular Material, Type C, 6"



SECTION THRU ABUTMENT
(Dimensions at Rt. Δ's.)

* Included in the cost of Pipe Underdrains for Structures.

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

NOTES:

Cutoff walls to be poured against undisturbed embankment.

Granular Backfill behind the abutments shall be compacted according to Article 205.06 of the Standard Specifications.

Slopewall shall be reinforced w/welded wire fabric, 6"x6" - W4.0xW4.0, weighing 58 lbs. per 100 sq. ft.

See Structural Sheet 3 of 23 for Riprap and Slopewall Bill of Material. .

REVISION	DATE	BY	REMARKS	DESIGNED	JKP
				DRAWN	RDA
				REVIEWED	ATK
				APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



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1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

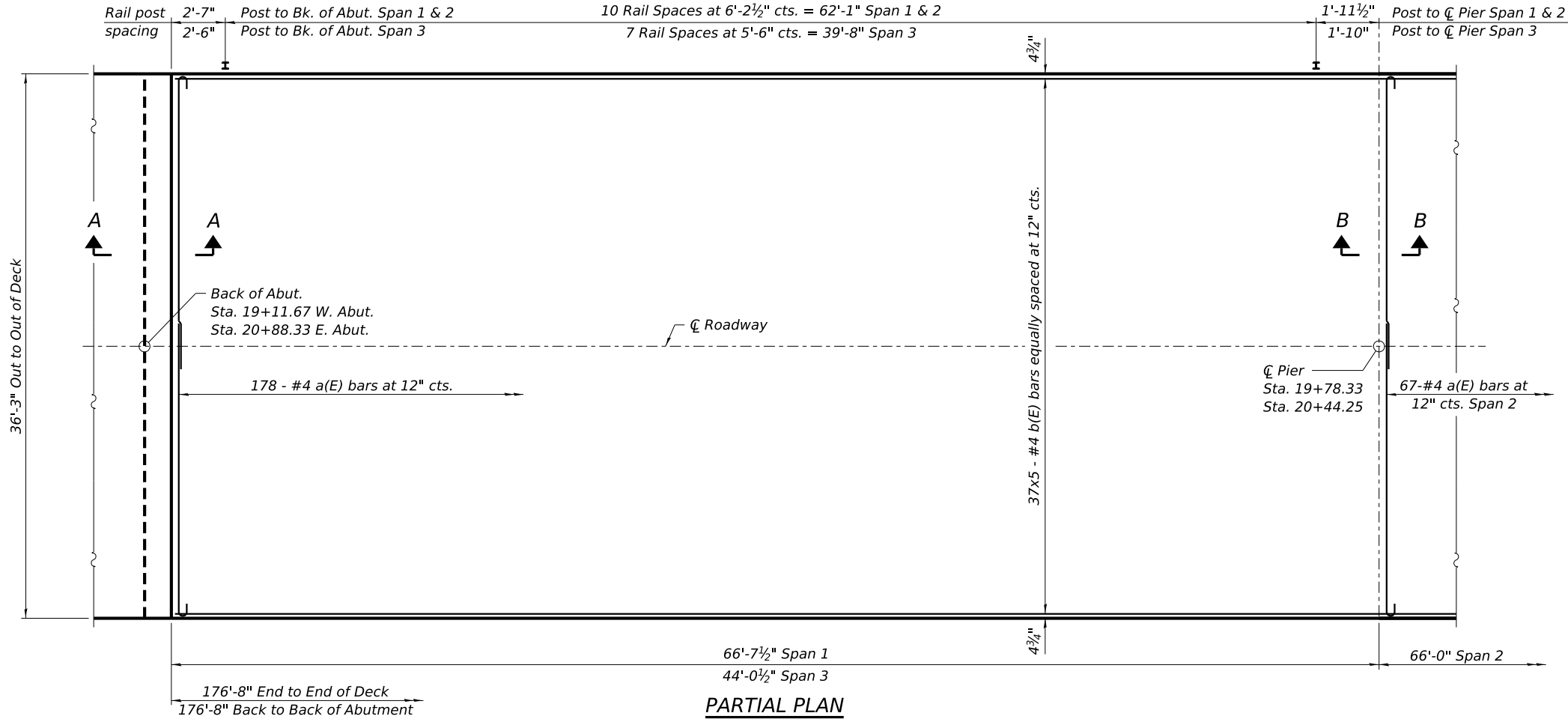
RIPRAP, SLOPEWALL AND PILE LAYOUT
STRUCTURE NO. 098-6020

STRUCTURAL SHEET 4 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	33
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

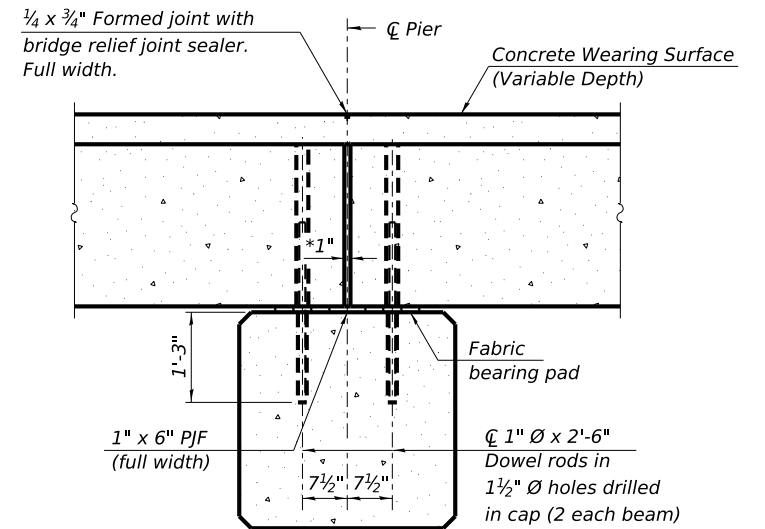
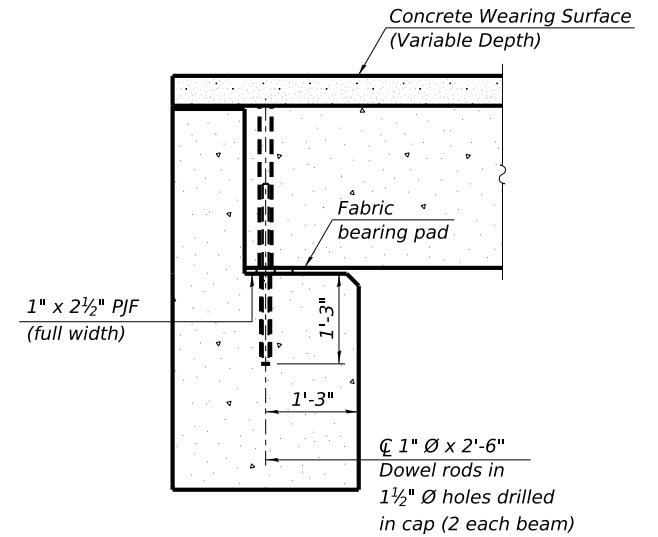
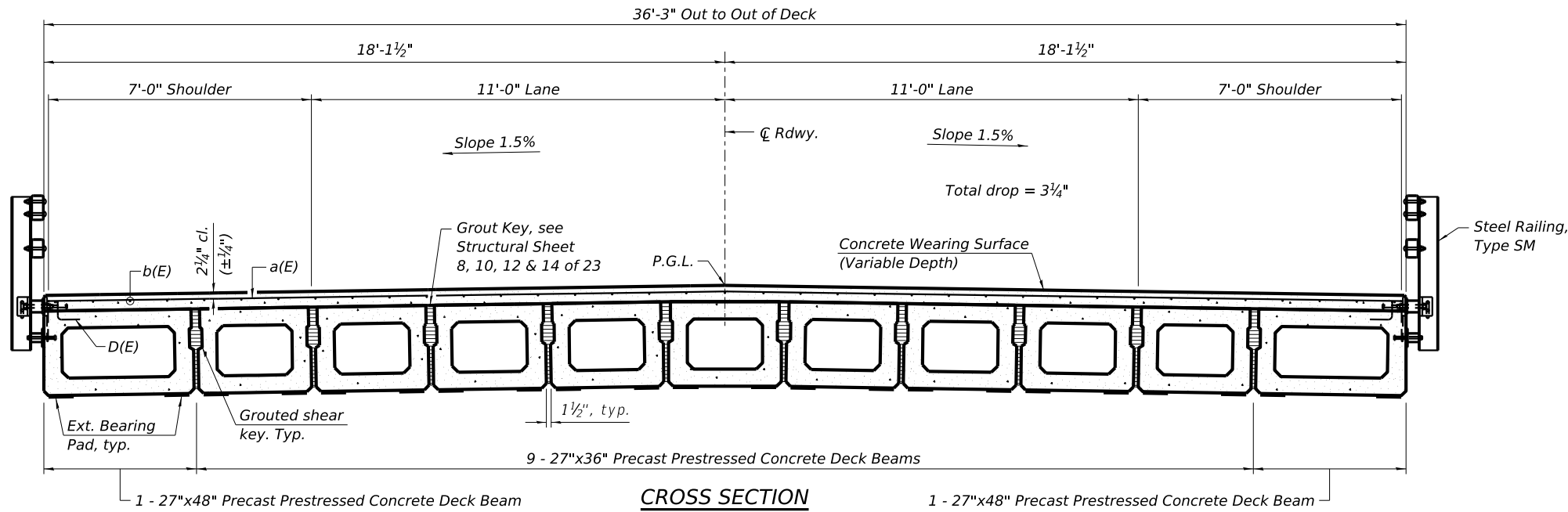
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MINIMUM BAR LAP

#4 bar = 1'-7"
#5 bar = 2'-0"



NOTES:

See Structural Sheet 6 of 23 for Superstructure Details and Bill of Material.

Bars indicated thus 37 x 2-#4 etc. indicates 37 lines of bars with 2 lengths per line.

See Structural Sheet 8, 10, 12 & 14 of 23 for fabric bearing pad details.

*1" Jt. shall be filled with non-shrink grout. 1" dimension may vary to accommodate tolerance in beam lengths.

REVISION	DATE	BY	REMARKS

DESIGNED	JKP
DRAWN	RDA
REVIEWED	ATK
APPROVED	MRL

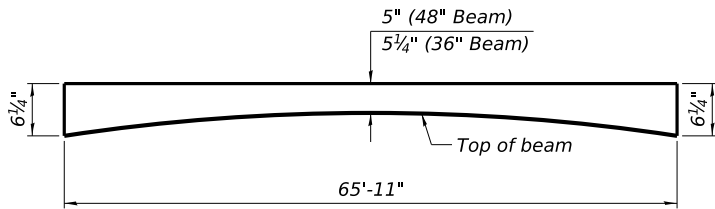
CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



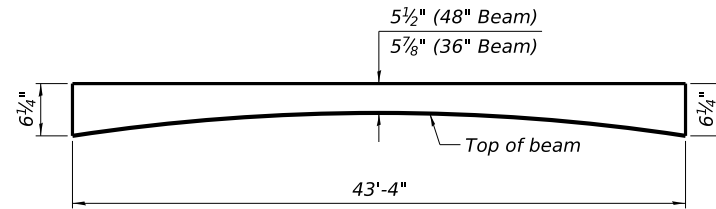
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ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

SUPERSTRUCTURE
STRUCTURE NO. 098-6020
STRUCTURAL SHEET 5 OF 23 SHEETS

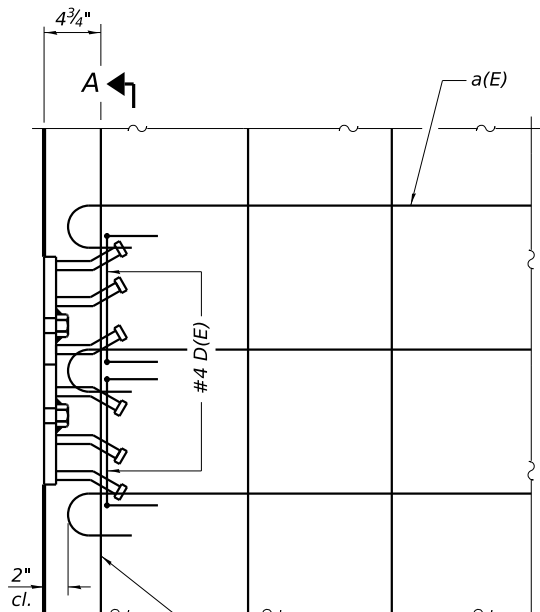
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	34
WHA# 1518D18		CONTRACT NO. 85786		
		ILLINOIS FED. AID PROJECT HHN6(619)		



ANTICIPATED CONCRETE WEARING SURFACE PROFILE - SPAN 1 & 2
(For information only)

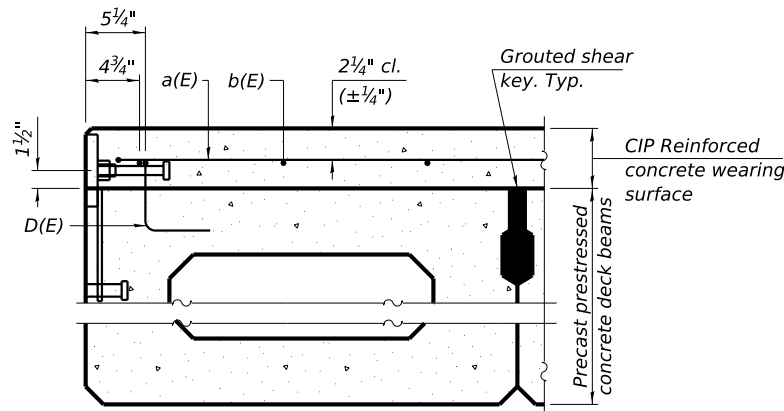


ANTICIPATED CONCRETE WEARING SURFACE PROFILE - SPAN 3
(For information only)

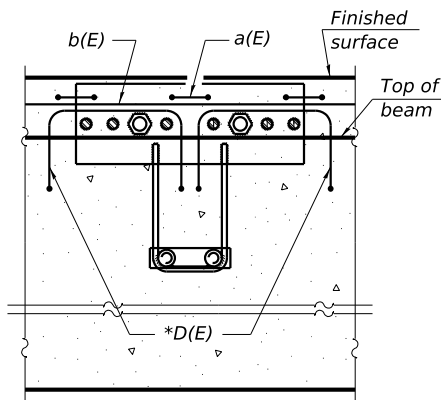


PLAN

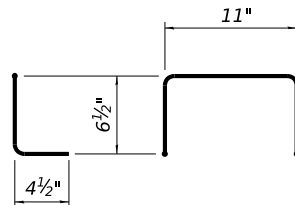
Notes:
Formwork necessary for the wearing surface may be secured utilizing the bottom rail anchorage inserts and/or additional inserts cast into the beam.



SECTION THRU FASCIA BEAM

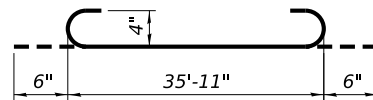


SECTION A-A



BAR D(E)

* Place 2-#4 D(E) bars in beam at each post location as shown. D(E) bar included in cost of beam.



BAR a(E)

SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	178	4	36' - 11"	
b(E)	185	4	36' - 8"	
BRIDGE DECK GROOVING			SQ YD	673
PROTECTIVE COAT			SQ YD	712
PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)			SQ FT	6351
REINFORCEMENT BARS, EPOXY COATED			POUND	8930
CONCRETE WEARING SURFACE (VARIABLE DEPTH)			SQ YD	712

NOTES:

Bars indicated thus 37x5 - #5 etc. indicates 1 line of bars with 5 lengths per line.

Protective coat shall be applied on the entire deck top surface.

Concrete Wearing Surface (Variable Depth) shall be placed after casting the backwall.

REVISION	DATE	BY	REMARKS	DESIGNED	JKP
				DRAWN	RDA
				REVIEWED	ATK
				APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00

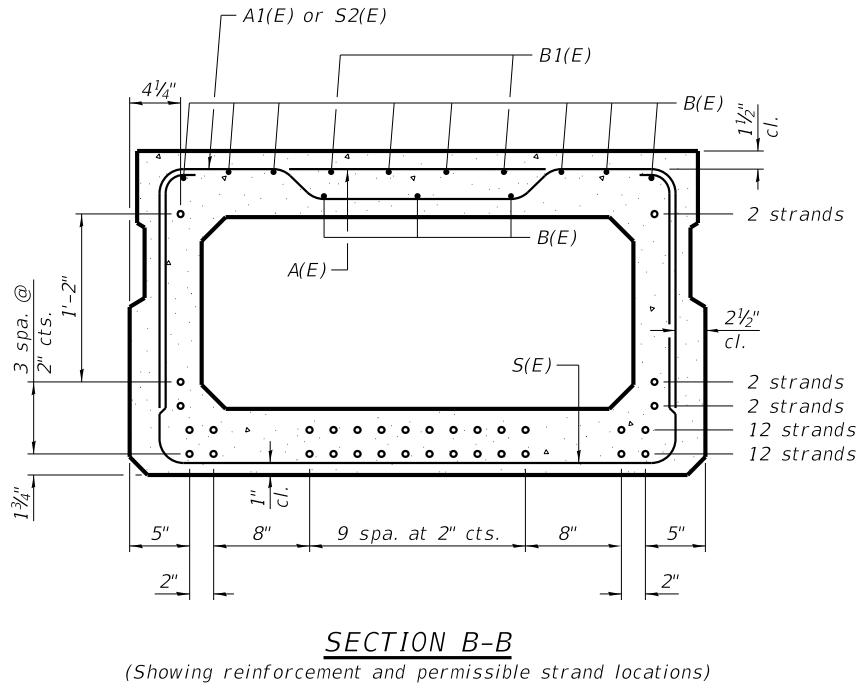
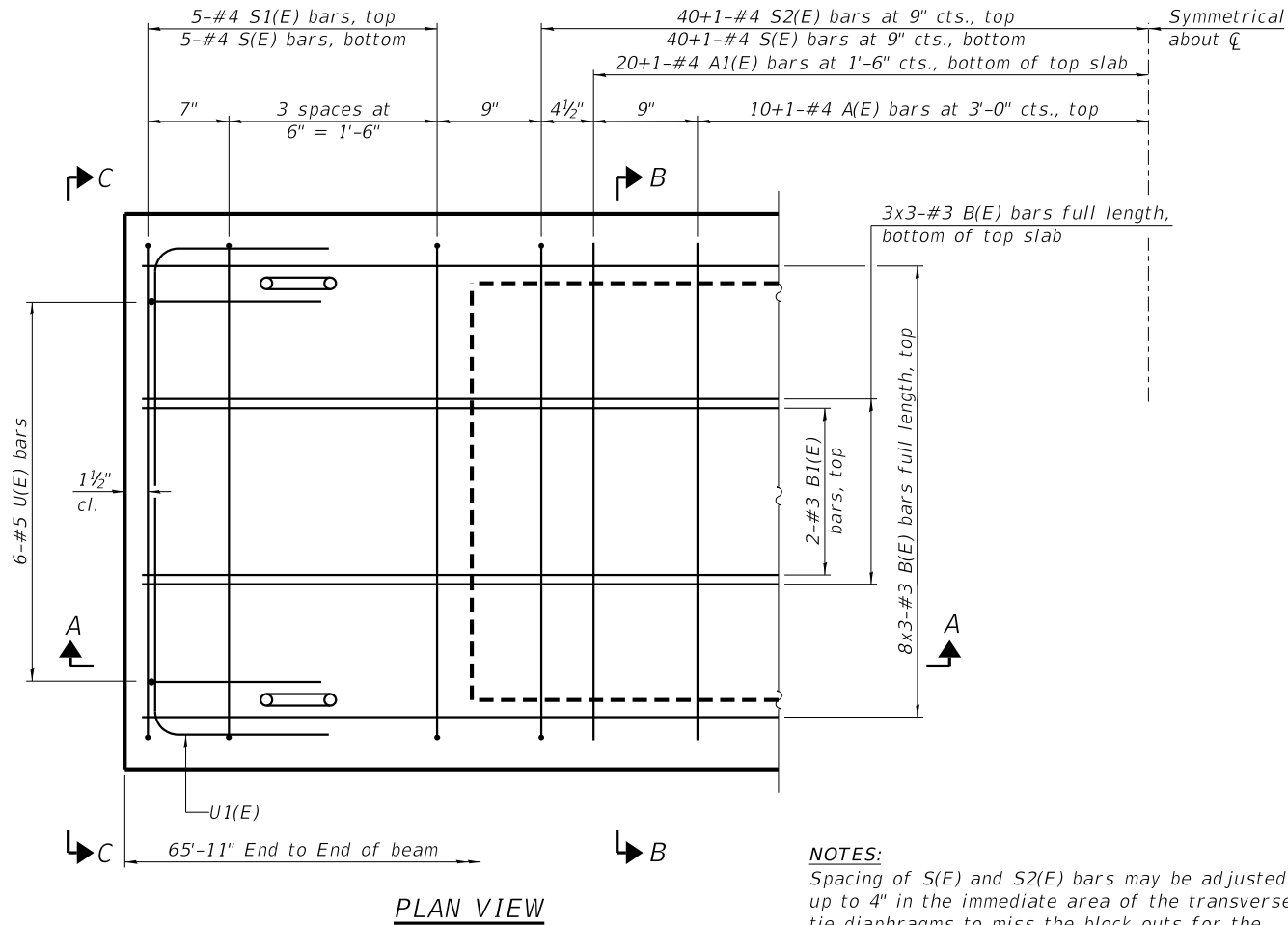
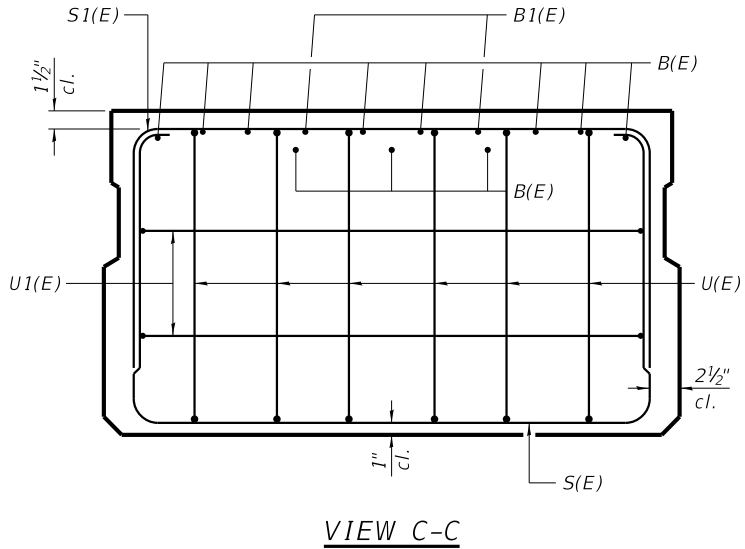
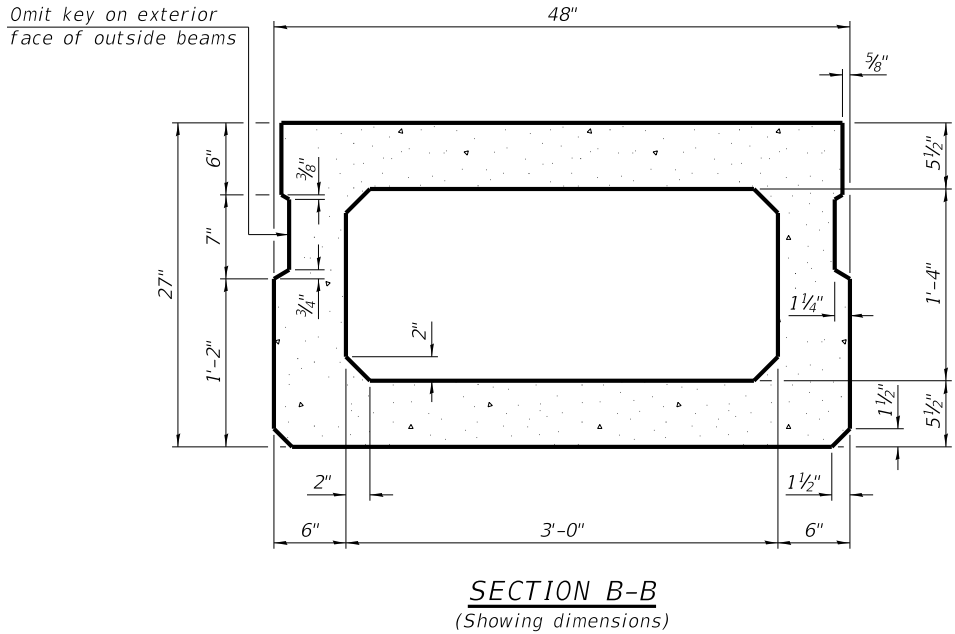
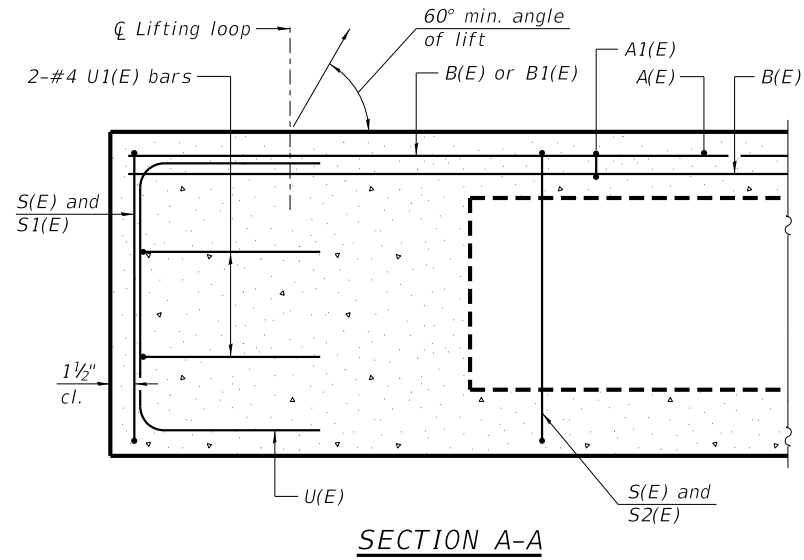


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1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61205
T: 309-517-1119 DESIGN FIRM: # 184-000918

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 098-6020

STRUCTURAL SHEET 6 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	35
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		



BAR LIST				
ONE BEAM ONLY				
(For information only)				
Bar	No.	Size	Length	Shape
A(E)	21	#4	3'-7"	—
A1(E)	41	#4	3'-10"	—
B(E)	33	#3	22'-9"	—
B1(E)	4	#3	10'-0"	—
S(E)	91	#4	8'-5"	U
S1(E)	10	#4	6'-11"	U
S2(E)	81	#4	7'-2"	U
U(E)	12	#5	4'-6"	U
U1(E)	4	#4	6'-0"	U

NOTES:
Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.

Bars indicated thus 8x3-#3 etc., indicates 8 lines of bars with 3 lengths per line.

Bars indicated thus 40+1-#4 etc., indicates 40 bars each side of $\bar{C}$ plus 1 additional bar at $\bar{C}$.

Note:
Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

MINIMUM BAR LAP
#3 bar = 1'-4"

NOTE:
See Structural Sheet 8 of 23 for additional details.
See Structural Sheet 6 of 23 for Bill of Material.

REVISION	DATE	BY	REMARKS

DESIGNED	JKP
DRAWN	RDA
REVIEWED	ATK
APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



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ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

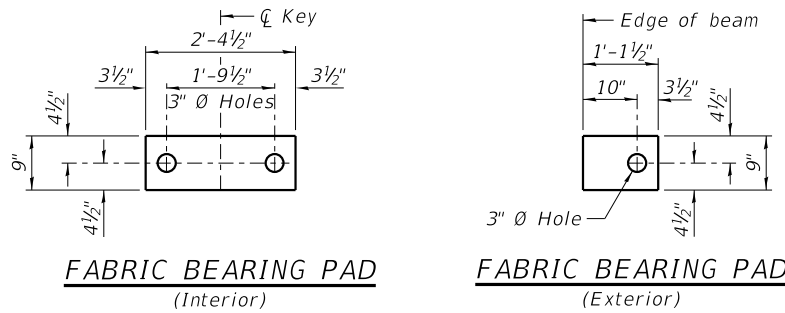
27" x 48" PPC DECK BEAMS - SPAN 1 & 2
STRUCTURE NO. 098-6020
STRUCTURAL SHEET 7 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	36
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

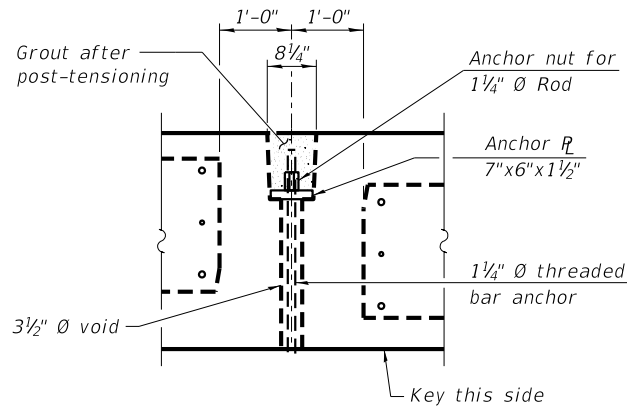
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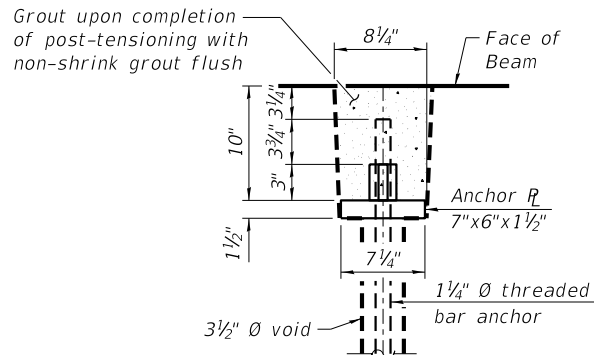
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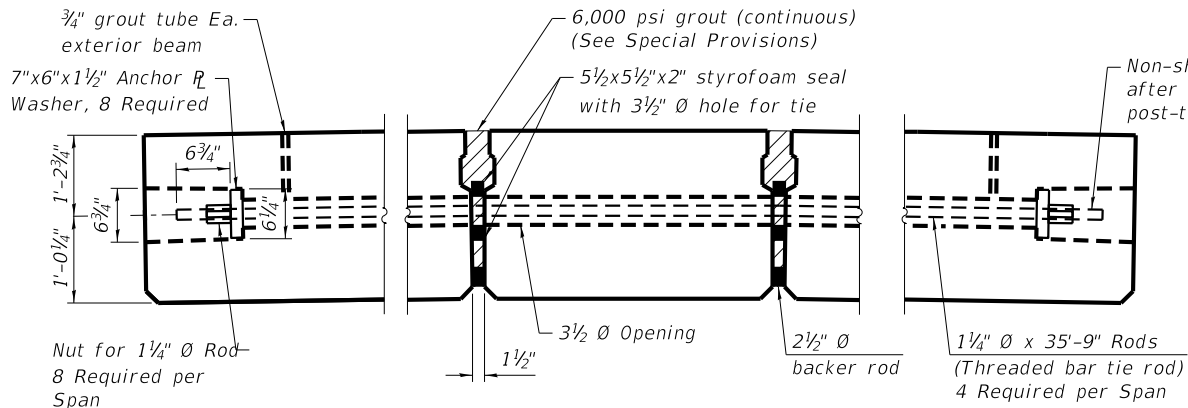
NOTES:
All bearing pads shall be 1" thick.
Omit holes when using expansion bearings.
Expansion bearing pads shall be bonded to the substructure.
Exterior bearing pads shall be used at crown breaks.



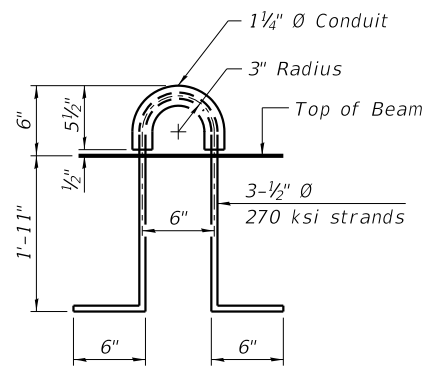
PLAN AT POST-TENSIONED TRAVERSE TIE ROD



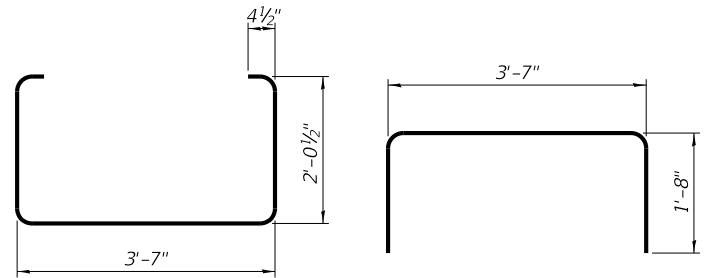
PLAN-THREADED BAR ANCHOR



TYPICAL POST-TENSIONED TRANSVERSE TIE ROD DETAIL

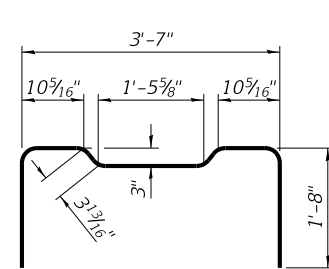


LIFTING LOOP DETAIL

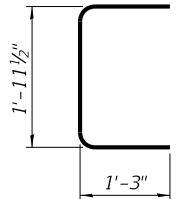


BAR S(E)

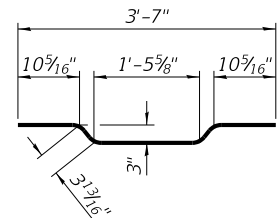
BAR S1(E)



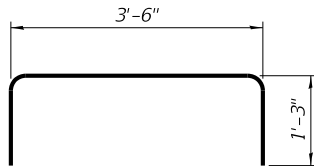
BAR S2(E)



BAR U(E)

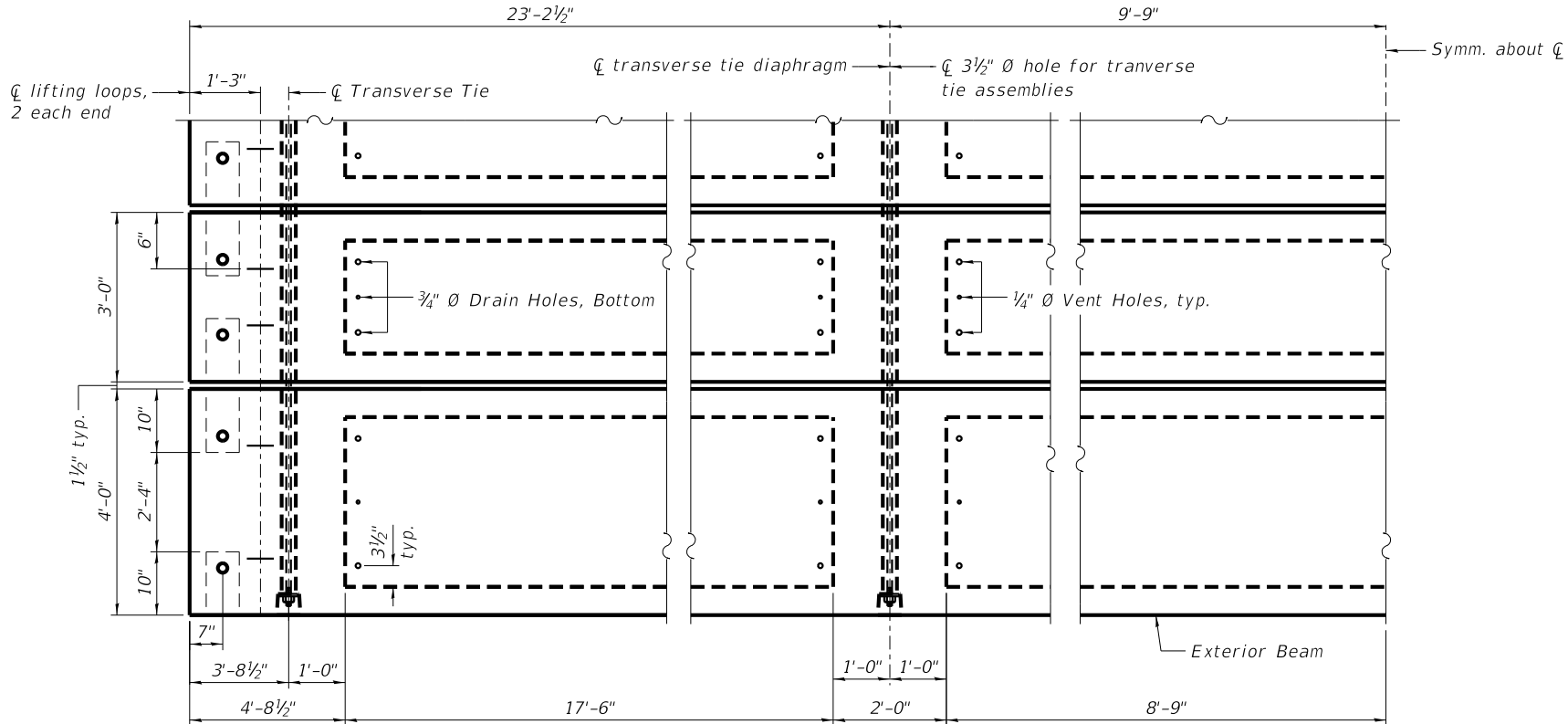


BAR A1(E)



BAR U1(E)

NOTES:
Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
A minimum 2 1/2" diameter lifting pin shall be used to engage the lifting loops during handling.
Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
Compressive strength of prestressed concrete, f'c, shall be 6,000 psi.
Compressive strength of prestressed concrete at release, f'ci, shall be 5,000 psi.
Threaded bar post-tensioning rod to be 1 1/4" diameter, ultimate stress 150 ksi (Ultimate Strength 187.5 k). Conforming to ASTM A722 Steel hot rolled and proof stressed. The bar deformations shall conform to the requirements of ASTM A615.
Voids around thread bar to be grouted after post-tensioning is complete. See Special Provisions for grout and grouting pressures.
All threaded bars shall be initially stressed to not more than 37.5 k (0.2 Fpu, temporary) and the nut tightened. After all bars have been stressed to 37.5 k, the jacking may commence for 112.5 k (0.6 Fpu) maximum transfer load (lockoff).



PLAN VIEW

REVISION	DATE	BY	REMARKS
DESIGNED	JKP		
DRAWN	RDA		
REVIEWED	ATK		
APPROVED	MRL		

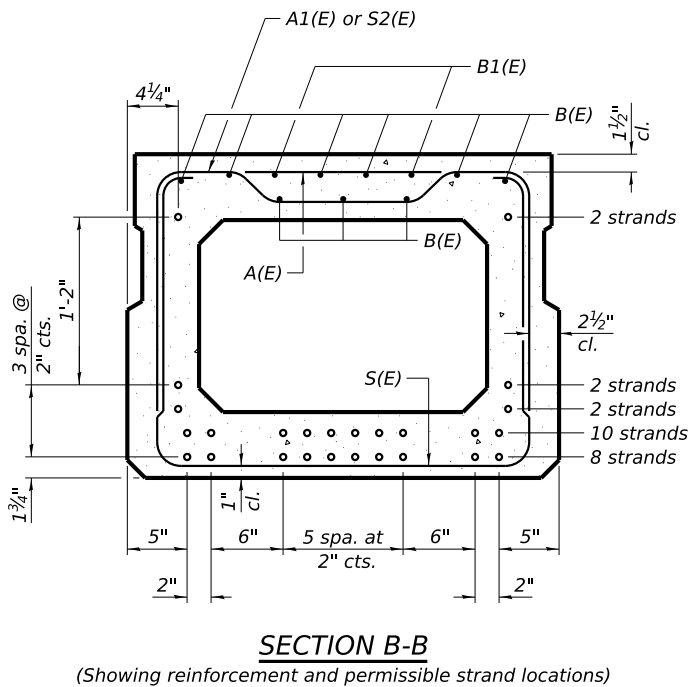
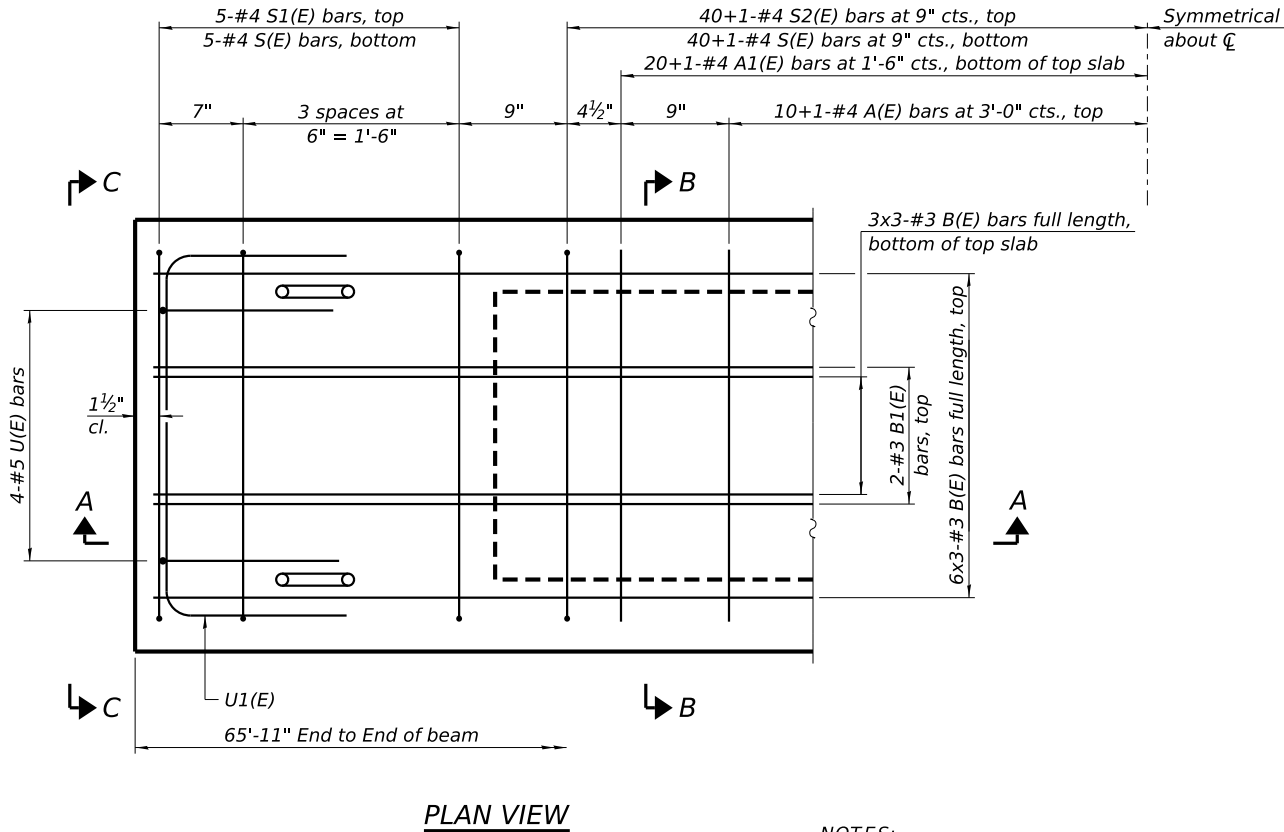
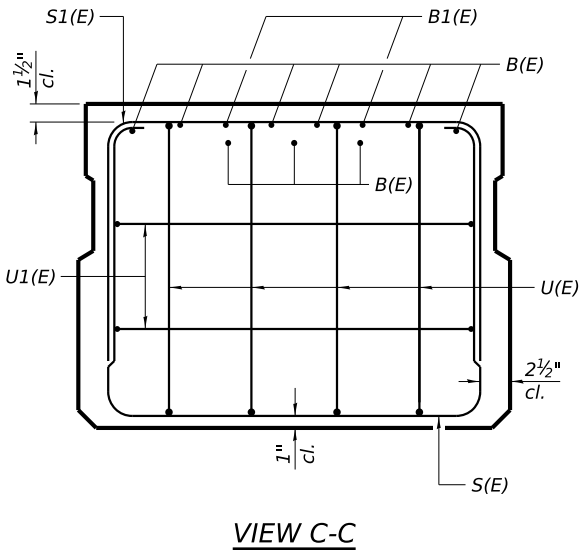
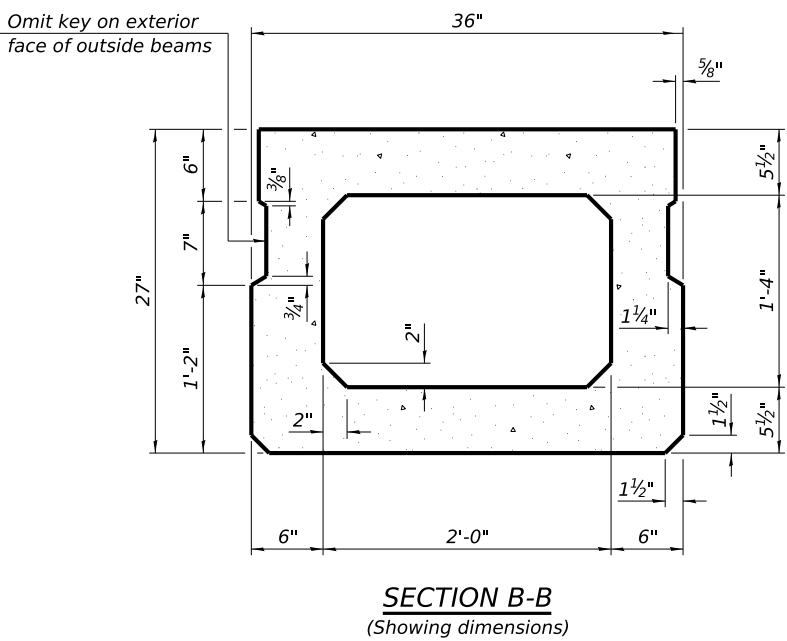
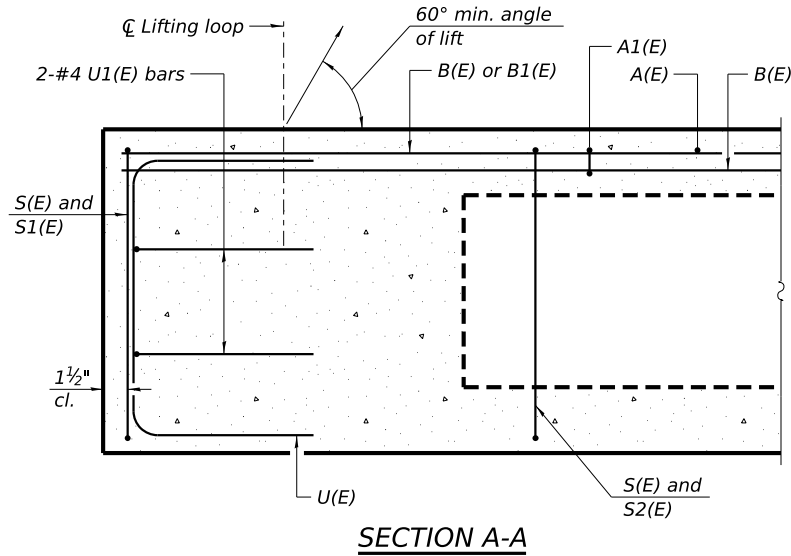
CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00

WILLET HOFMANN & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

27" x 48" PPC DECK BEAM DETAILS - SPAN 1 & 2
STRUCTURE NO. 098-6020

STRUCTURAL SHEET 8 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	37
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		



BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	21	#4	2'-7"	—
A1(E)	41	#4	2'-10"	~
B(E)	27	#3	22'-9"	—
B1(E)	4	#3	10'-0"	—
S(E)	91	#4	7'-5"	⌈
S1(E)	10	#4	5'-11"	⌈
S2(E)	81	#4	6'-2"	⌈
U(E)	8	#5	4'-6"	⌈
U1(E)	4	#4	5'-0"	⌈

NOTES:
Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.

Bars indicated thus 6x3-#3 etc., indicates 8 lines of bars with 3 lengths per line.

Bars indicated thus 40+1-#4 etc., indicates 40 bars each side of centerline plus 1 additional bar at centerline.

NOTE:
Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

MINIMUM BAR LAP
#3 bar = 1'-4"

NOTE:
See Structural Sheet 10 of 23 for additional details.
See Structural Sheet 6 of 23 for Bill of Material.

REVISION	DATE	BY	REMARKS	DESIGNED	JKP
				DRAWN	RDA
				REVIEWED	ATK
				APPROVED	MRL

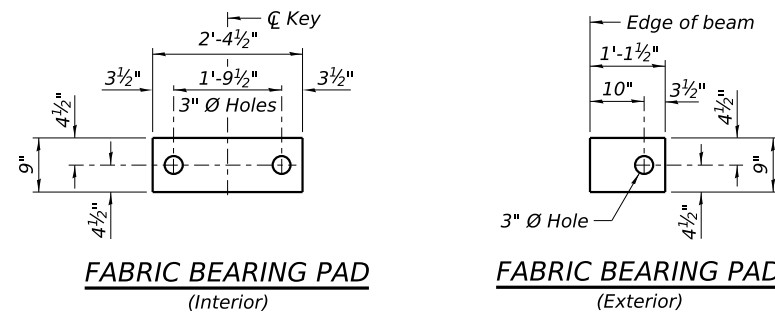
CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET HOFMANN & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

27" x 36" PPC DECK BEAMS - SPAN 1 & 2
STRUCTURE NO. 098-6020
STRUCTURAL SHEET 9 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	38
WHA# 1518D18		CONTRACT NO. 85786		
	ILLINOIS	FED. AID PROJECT HHN6(619)		

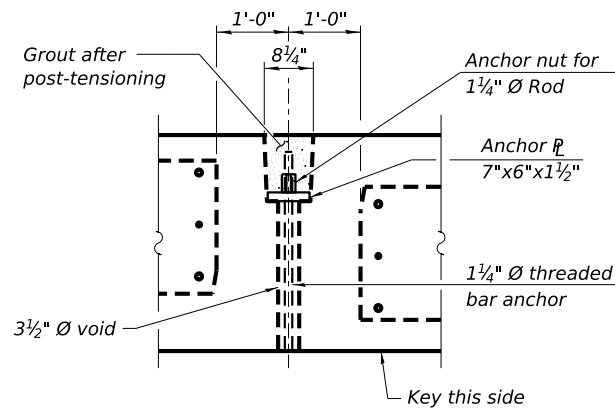


NOTES:

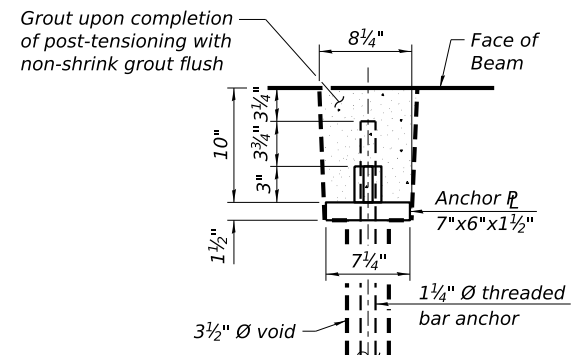
All bearing pads shall be 1" thick.

Omit holes when using expansion bearings.

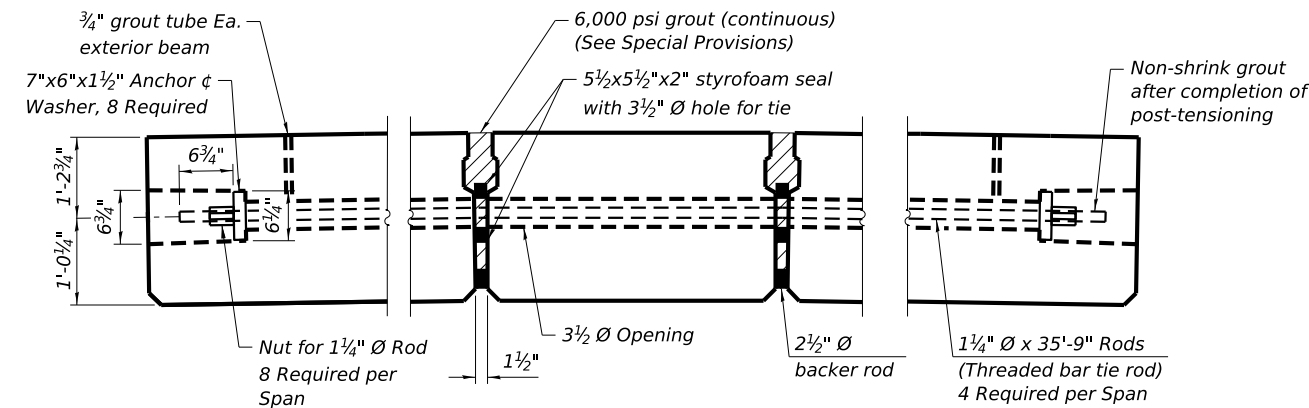
Expansion bearing pads shall be bonded to the substructure.



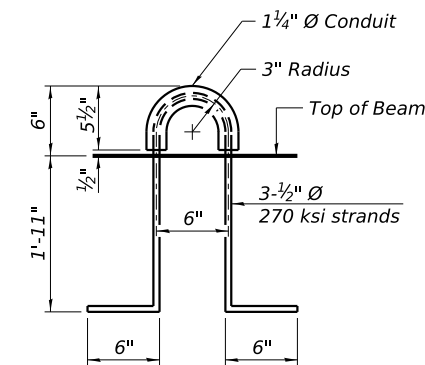
PLAN AT POST-TENSIONED
TRAVERSE TIE ROD



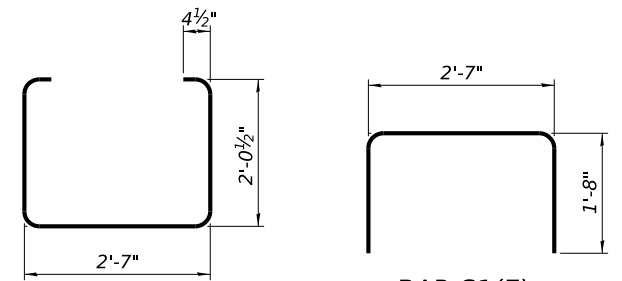
PLAN-THREADED BAR ANCHOR



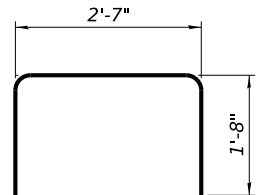
TYPICAL POST-TENSIONED TRANSVERSE TIE ROD DETAIL



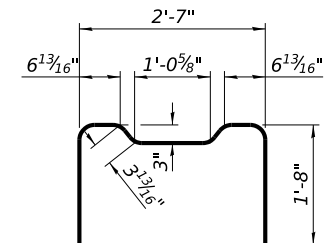
LIFTING LOOP DETAIL



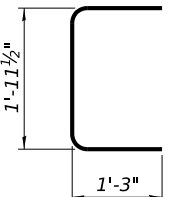
BAR S(E)



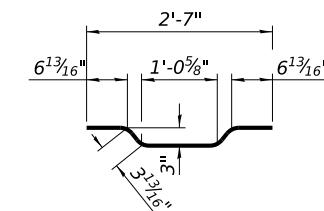
BAR S1(E)



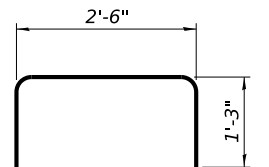
BAR S2(E)



BAR U(E)



BAR A1(E)



BAR U1(E)

NOTES:

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.

Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.

A minimum 2½" Ø lifting pin shall be used to engage the lifting loops during handling.

Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.

Compressive strength of prestressed concrete, f'_c , shall be 6,000 psi.

Compressive strength of prestressed concrete at release, f'_{ci} , shall be 5,000 psi.

Threaded bar post-tensioning rod to be 1¼" Ø, ultimate stress 150 ksi (Ultimate Strength 187.5 k). Conforming to ASTM A722 Steel hot rolled and proof stressed. The bar deformations shall conform to the requirements of ASTM A615.

Voids around thread bar to be grouted after post-tensioning is complete. See Special Provisions for grout and grouting pressures.

All threaded bars shall be initially stressed to not more than 37.5 k (0.2 Fpu, temporary) and the nut tightened. After all bars have been stressed to 37.5 k, the jacking may commence for 112.5 k (0.6 Fpu) maximum transfer load (lockoff).

REVISION	DATE	BY	REMARKS	DESIGNED	CHKD
					JKP
				DRAWN	RDA
				REVIEWED	ATK
				APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00

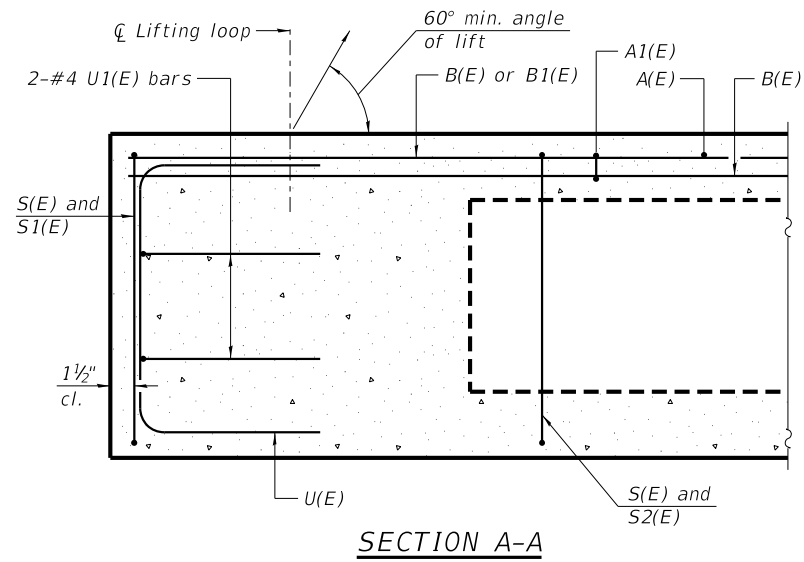


WILLETT HOFMANN
 & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61265
 T: 309-517-1119 DESIGN FIRM: #184-000918

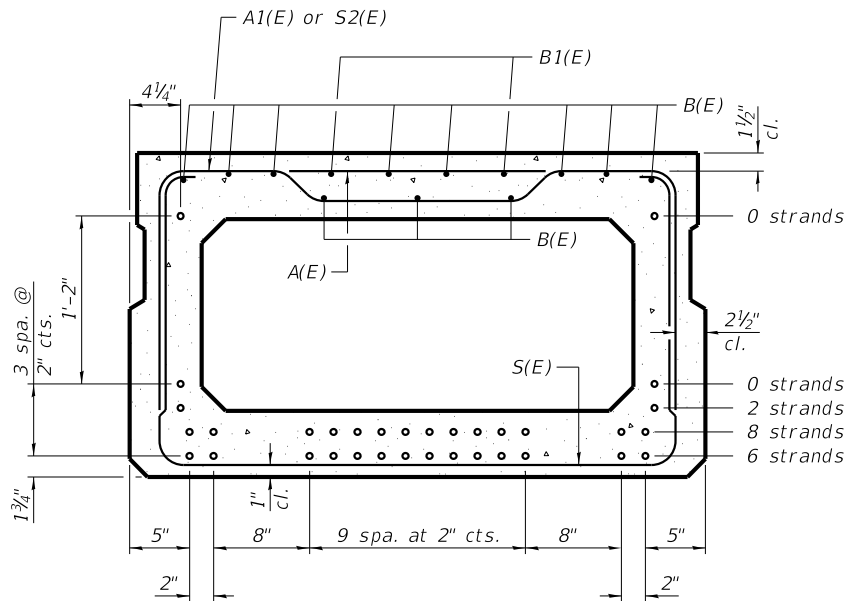
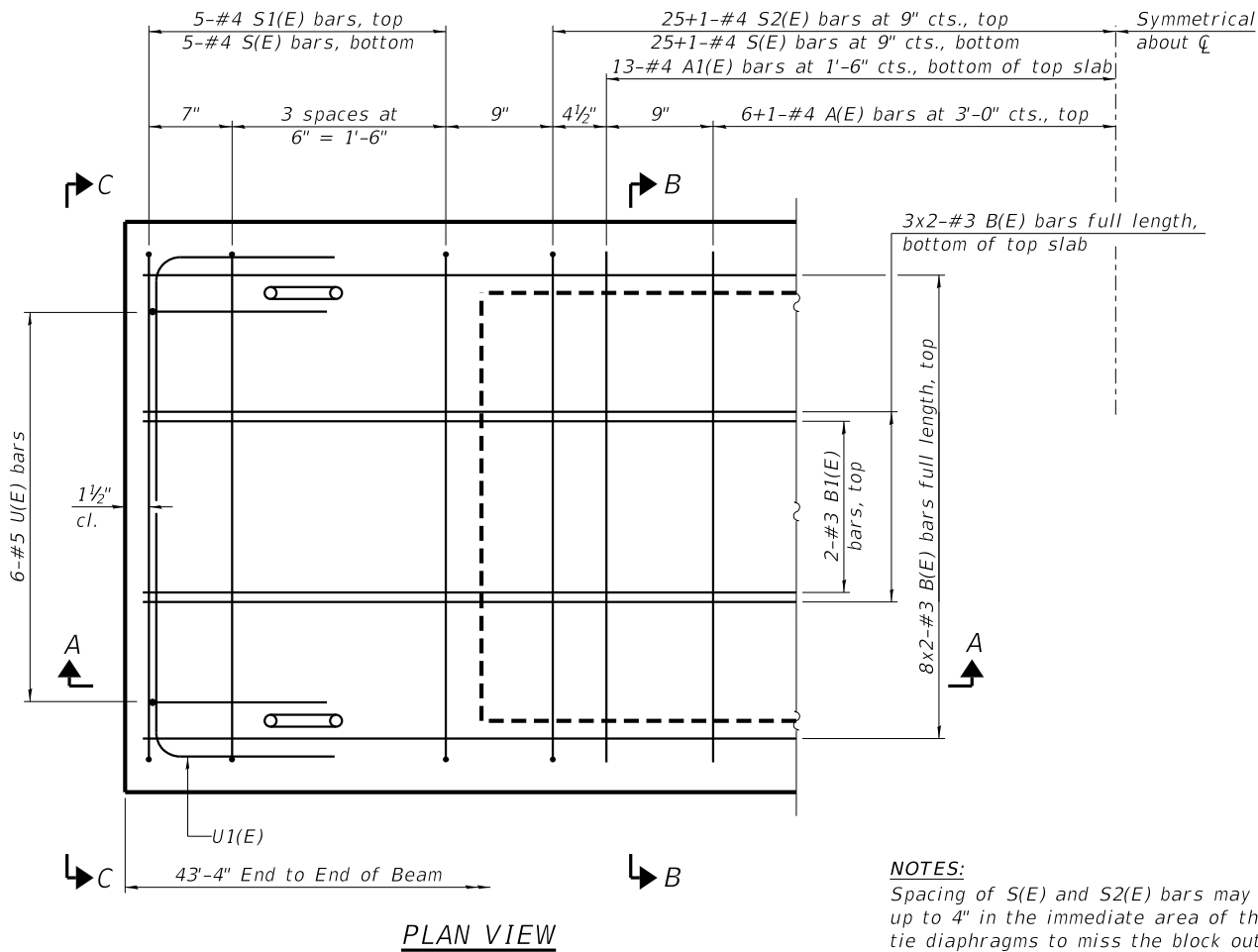
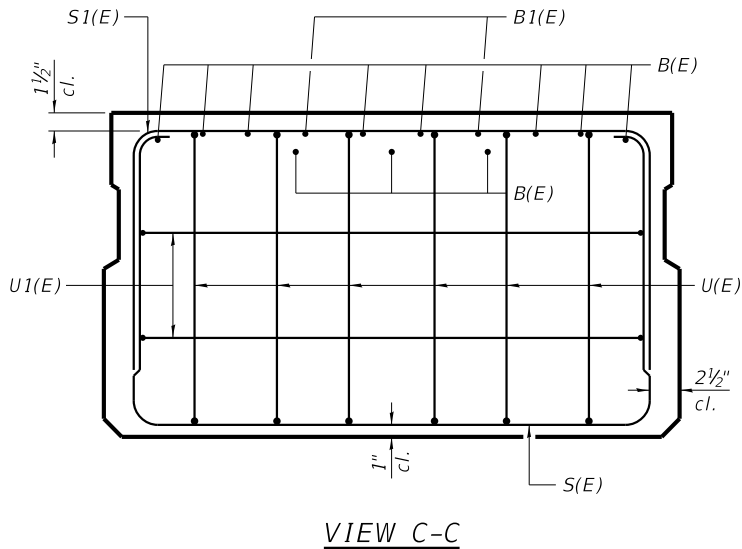
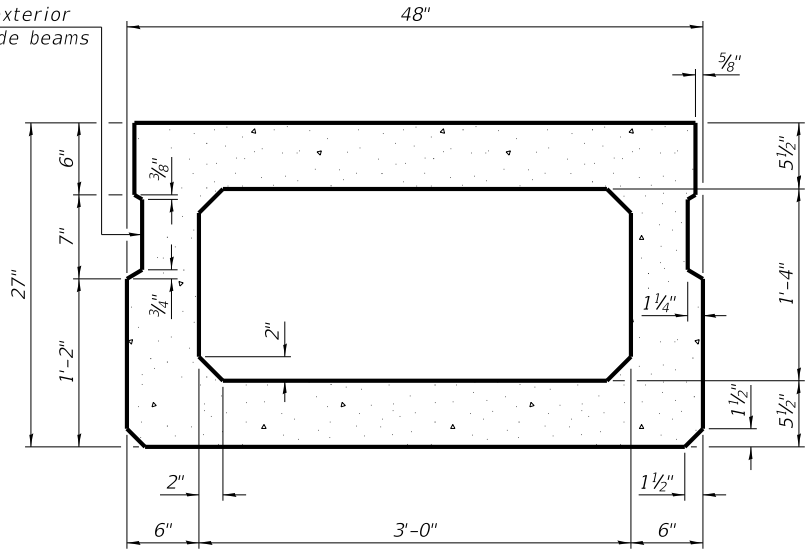
27" x 36" PPC DECK BEAM DETAILS - SPAN 1 & 2
STRUCTURE NO. 098-6020

STRUCTURAL SHEET 10 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	39
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		



Omit key on exterior face of outside beams



BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	13	#4	3'-7"	—
A1(E)	26	#4	3'-10"	~
B(E)	22	#3	22'-2"	—
B1(E)	4	#3	10'-0"	—
S(E)	61	#4	8'-5"	U
S1(E)	10	#4	6'-11"	U
S2(E)	51	#4	7'-2"	U
U(E)	12	#5	4'-6"	C
U1(E)	4	#4	6'-0"	C

NOTES:
Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.

Bars indicated thus 8x2-#3 etc., indicates 8 lines of bars with 2 lengths per line.

Bars indicated thus 25+1-#4 etc., indicates 25 bars each side of centerline plus 1 additional bar at centerline.

Note:
Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

MINIMUM BAR LAP
#3 bar = 1'-4"

NOTE:
See Structural Sheet 12 of 23 for additional details.
See Structural Sheet 6 of 23 for Bill of Material.

REVISION	DATE	BY	REMARKS

DESIGNED	JKP
DRAWN	RDA
REVIEWED	ATK
APPROVED	MRL

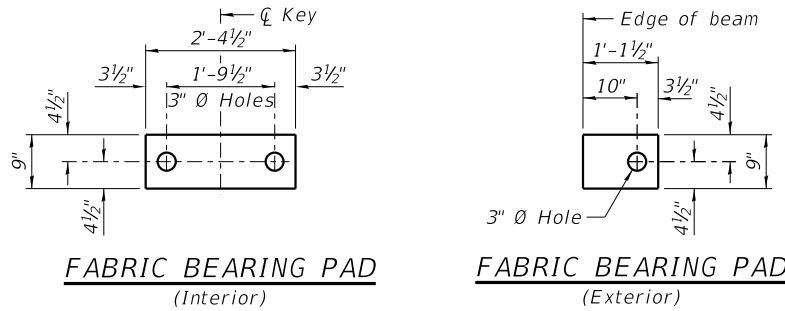
CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



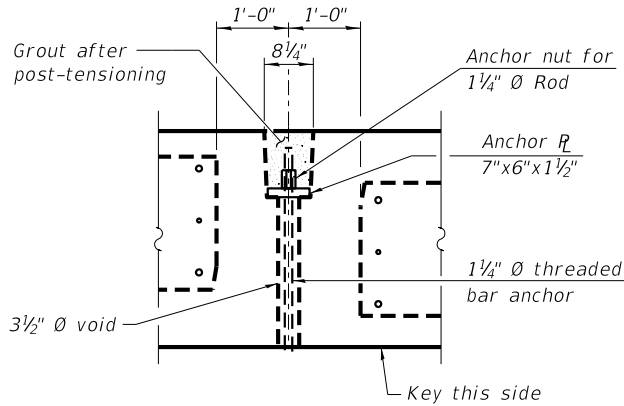
WILLET HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61205
T: 309-517-1119 DESIGN FIRM: # 184-000918

27" x 48" PPC DECK BEAMS - SPAN 3
STRUCTURE NO. 098-6020
STRUCTURAL SHEET 11 OF 23 SHEETS

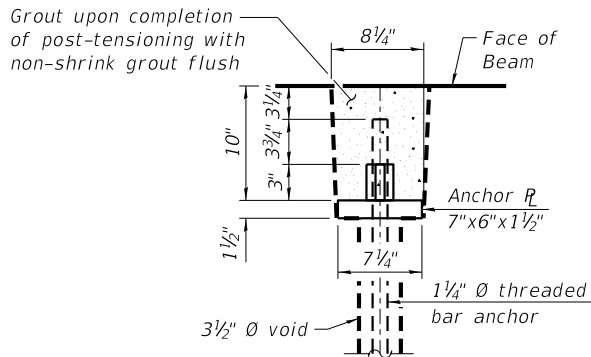
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2300	18-00237-00-BR	WHITESIDE	117	40
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		



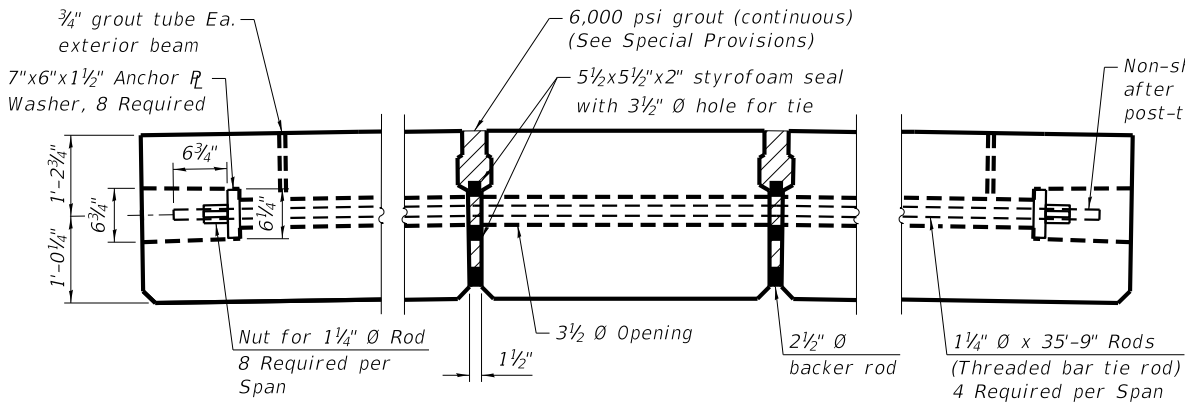
NOTES:
All bearing pads shall be 1" thick.
Omit holes when using expansion bearings.
Expansion bearing pads shall be bonded to the substructure.
Exterior bearing pads shall be used at crown break.



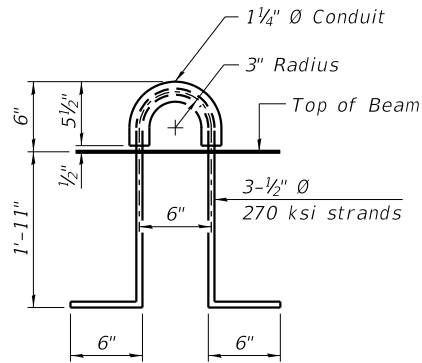
PLAN AT POST-TENSIONED TRAVERSE TIE ROD



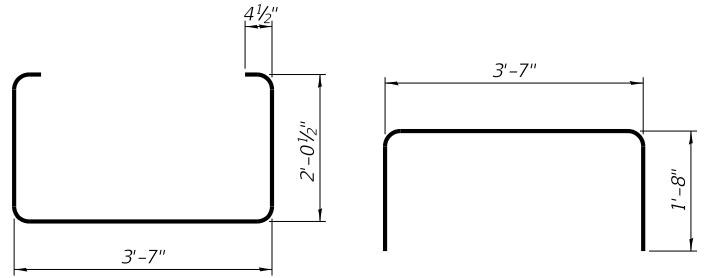
PLAN-THREADED BAR ANCHOR



TYPICAL POST-TENSIONED TRANSVERSE TIE ROD DETAIL

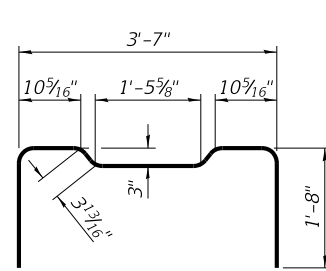


LIFTING LOOP DETAIL



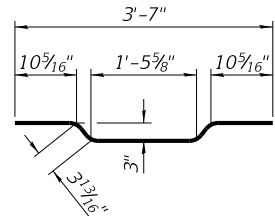
BAR S(E)

BAR S1(E)

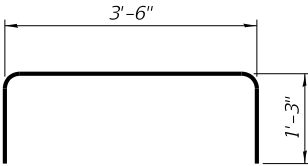


BAR U(E)

BAR U1(E)

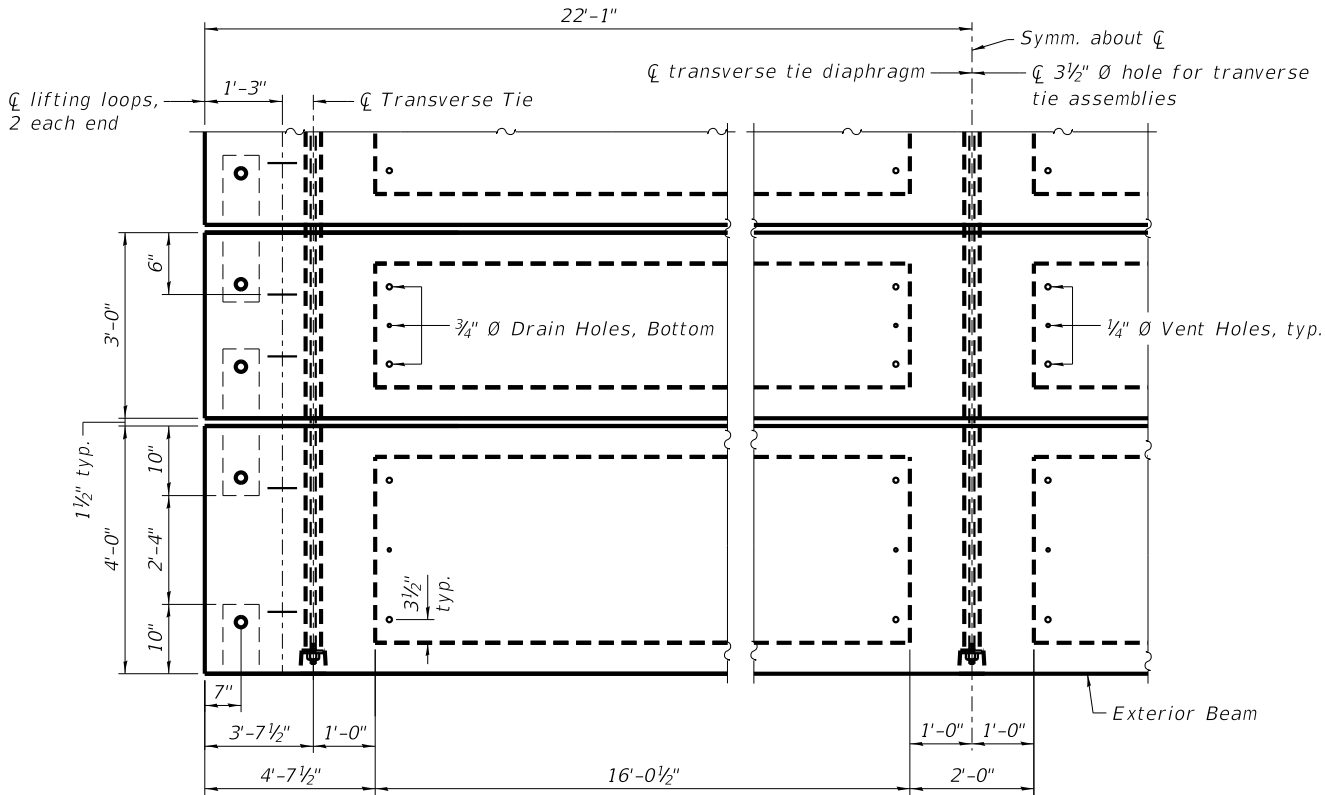


BAR A1(E)



BAR U1(E)

NOTES:
Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
A minimum 2 1/2" diameter lifting pin shall be used to engage the lifting loops during handling.
Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
Compressive strength of prestressed concrete, f'c, shall be 6,000 psi.
Compressive strength of prestressed concrete at release, f'ci, shall be 5,000 psi.
Threaded bar post-tensioning rod to be 1 1/4" diameter, ultimate stress 150 ksi (Ultimate Strength 187.5 k). Conforming to ASTM A722 Steel hot rolled and proof stressed. The bar deformations shall conform to the requirements of ASTM A615.
Voids around thread bar to be grouted after post-tensioning is complete. See Special Provisions for grout and grouting pressures.
All threaded bars shall be initially stressed to not more than 37.5 k (0.2 Fpu, temporary) and the nut tightened. After all bars have been stressed to 37.5 k, the jacking may commence for 112.5 k (0.6 Fpu) maximum transfer load (lockoff).



PLAN VIEW

REVISION	DATE	BY	REMARKS
DESIGNED	JKP		
DRAWN	RDA		
REVIEWED	ATK		
APPROVED	MRL		

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLETT HOFMANN & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOUNTELENE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

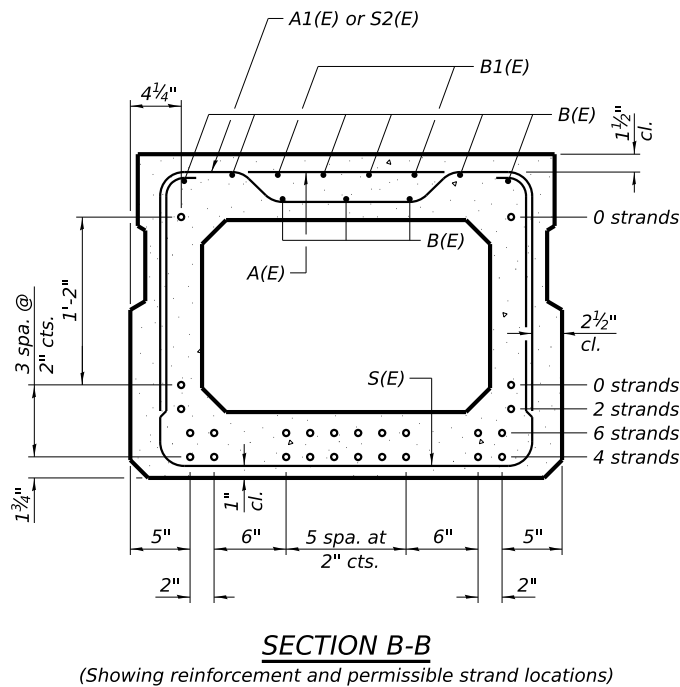
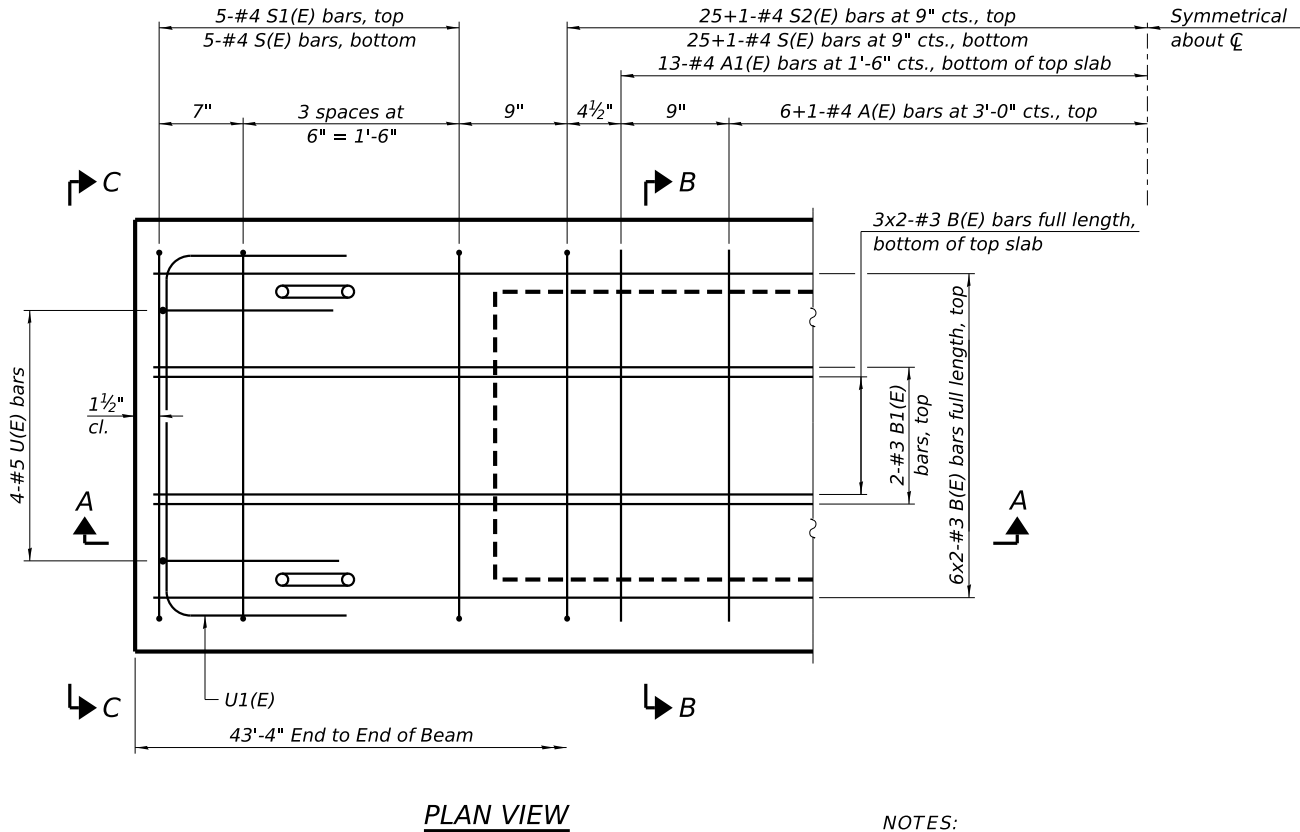
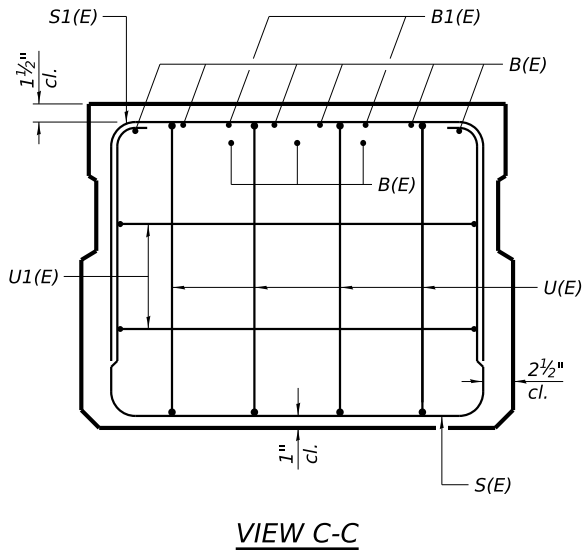
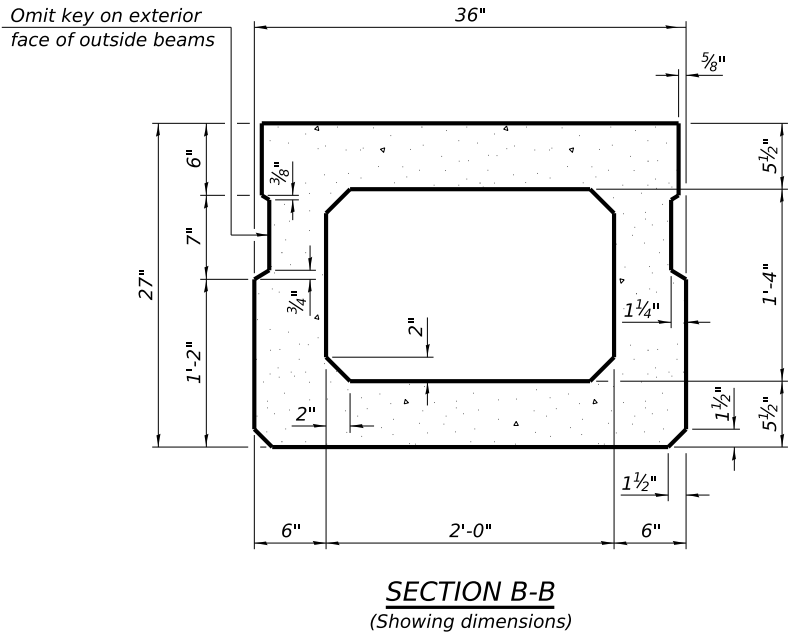
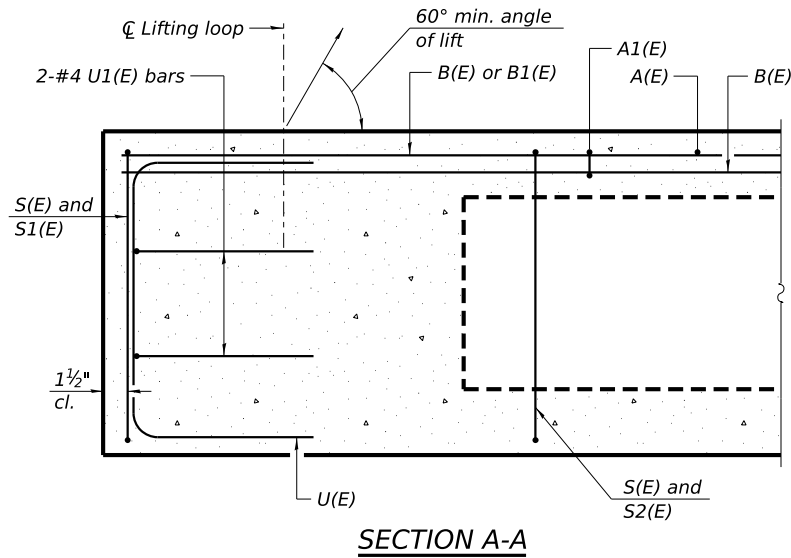
27" x 48" PPC DECK BEAM DETAILS - SPAN 3
STRUCTURE NO. 098-6020

STRUCTURAL SHEET 12 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	41
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	13	#4	2'-7"	—
A1(E)	26	#4	2'-10"	~
B(E)	18	#3	22'-2"	—
B1(E)	4	#3	10'-0"	—
S(E)	91	#4	7'-5"	U
S1(E)	10	#4	5'-11"	U
S2(E)	81	#4	6'-2"	U
U(E)	8	#5	4'-6"	C
U1(E)	4	#4	5'-0"	U

NOTES:
Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.
Bars indicated thus 6x3-#3 etc., indicates 6 lines of bars with 3 lengths per line.
Bars indicated thus 25+1-#4 etc., indicates 25 bars each side of centerline plus 1 additional bar at centerline.

NOTE:
Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

MINIMUM BAR LAP
#3 bar = 1'-4"

NOTE:
See Structural Sheet 14 of 23 for additional details.
See Structural Sheet 6 of 23 for Bill of Material.

REVISION	DATE	BY	REMARKS
DESIGNED	JKP		
DRAWN	RDA		
REVIEWED	ATK		
APPROVED	MRL		

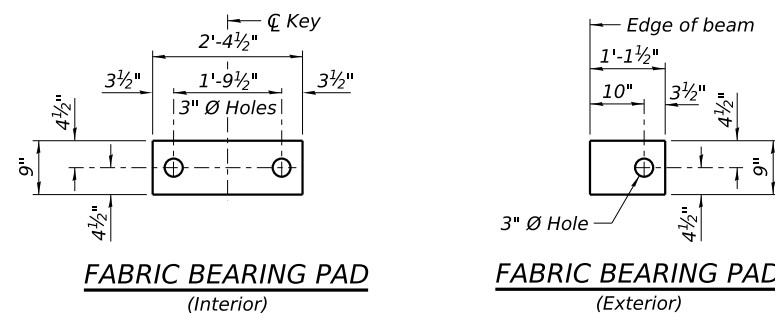
CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

27" x 36" PPC DECK BEAMS - SPAN 3
STRUCTURE NO. 098-6020
STRUCTURAL SHEET 13 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	42
WHA# 1518D18		CONTRACT NO. 85786		
	ILLINOIS	FED. AID PROJECT HHN6(619)		

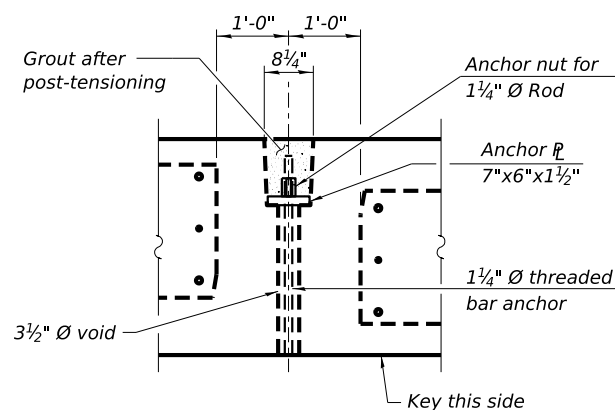


NOTES:

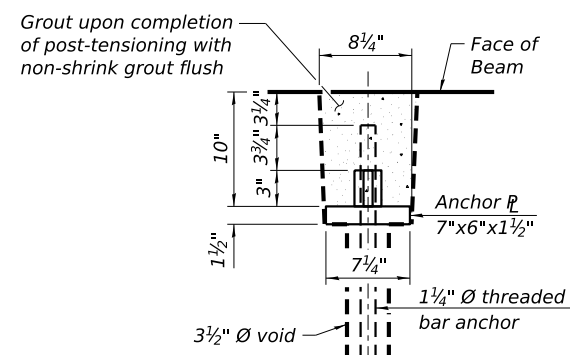
All bearing pads shall be 1" thick.

Omit holes when using expansion bearings

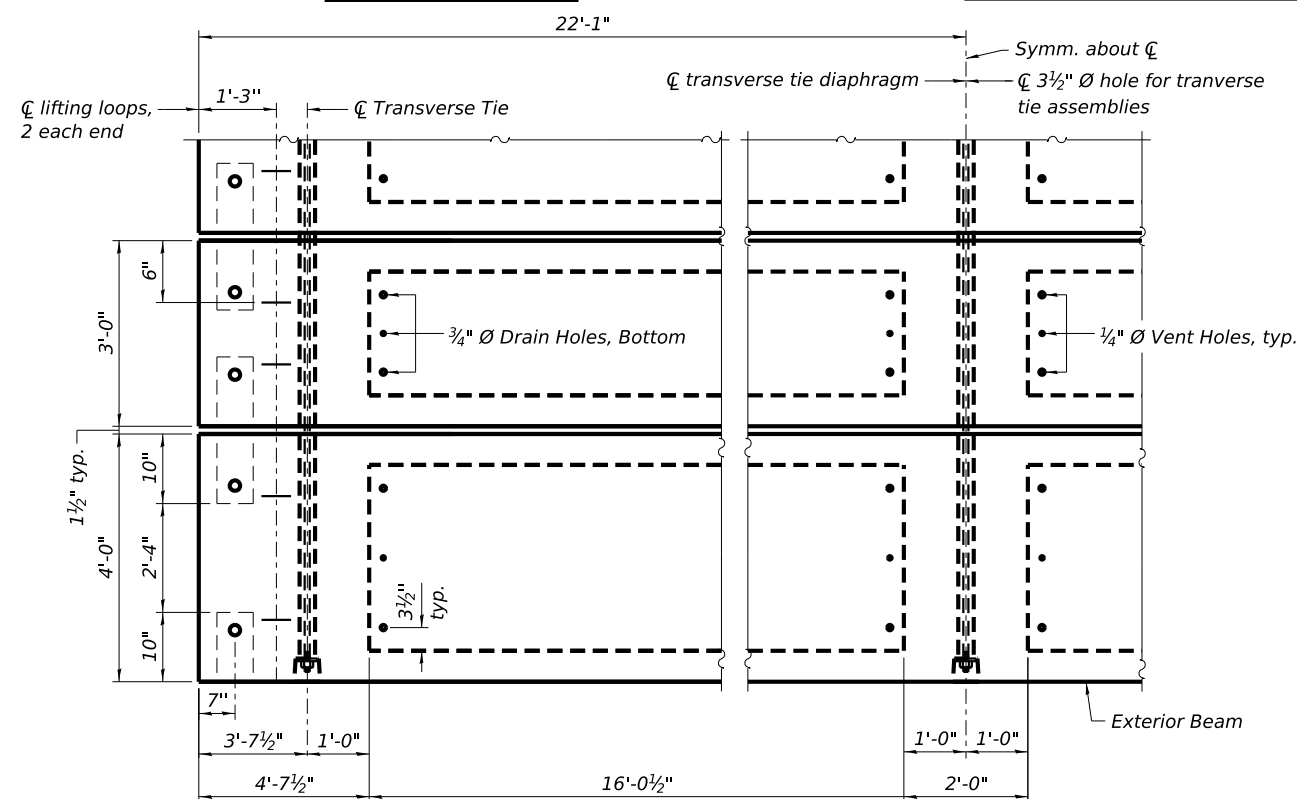
Expansion bearing pads shall be bonded to the substructure.



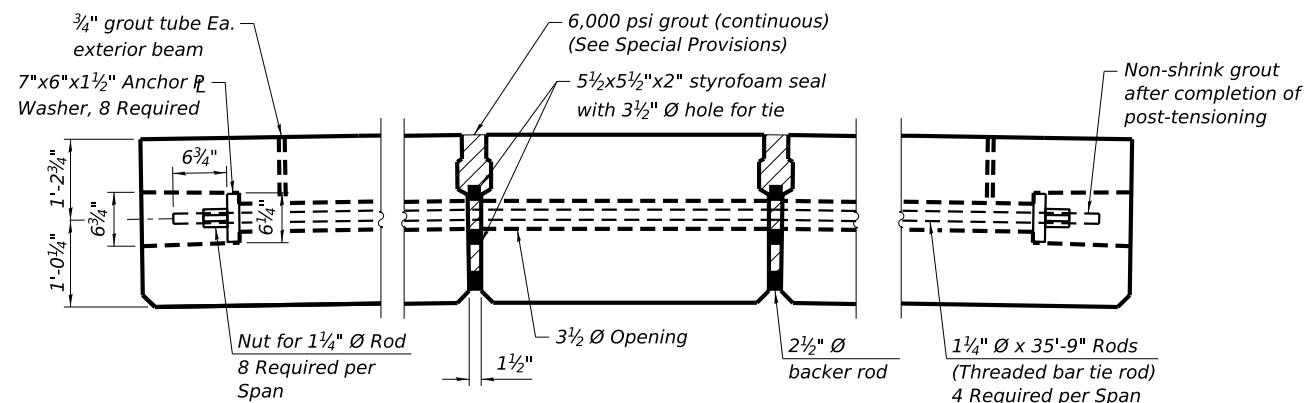
PLAN AT POST-TENSIONED
TRAVERSE TIE ROD



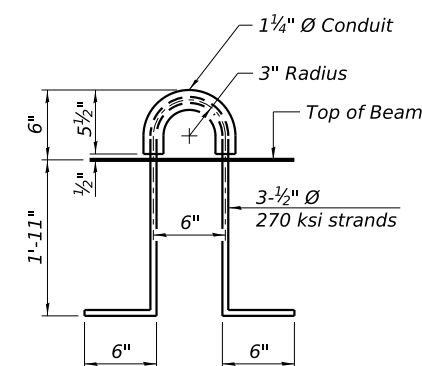
PLAN-THREADED BAR ANCHOR



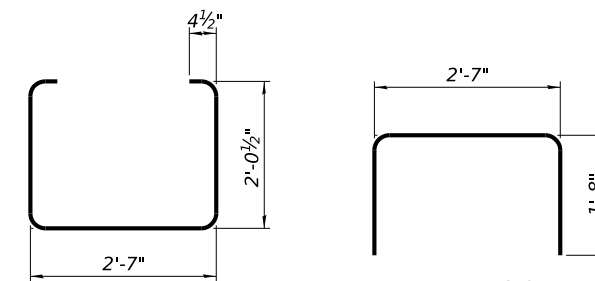
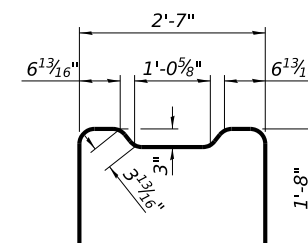
PLAN VIEW



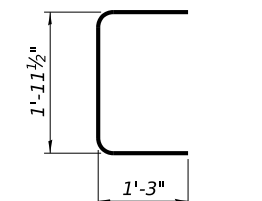
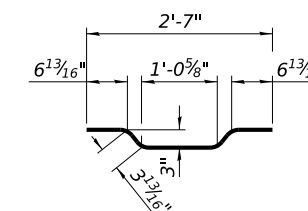
TYPICAL POST-TENSIONED TRANSVERSE TIE ROD DETAIL



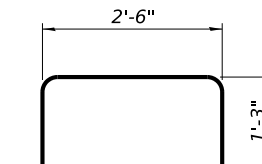
LIFTING LOOP DETAIL


$$BAR\ S(E)$$


BAR S2(E)


$$BAR \ U(E)$$


BAR A1(E)



BAR U1(E)

NOTES:

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.

Two $\frac{1}{8}$ " fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.

A minimum 2½" Ø lifting pin shall be used to engage the lifting loops during handling.

Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.

Compressive strength of prestressed concrete, f_c , shall be 6,000 psi.

Compressive strength of prestressed concrete at release, f'_{ci} , shall be 5,000 psi.

Threaded bar post-tensioning rod to be 1¼" Ø, ultimate stress 150 ksi (Ultimate Strength 187.5 k). Conforming to ASTM A722 Steel hot rolled and proof stressed. The bar deformations shall conform to the requirements of ASTM A615.

Voids around thread bar to be grouted after post-tensioning is complete. See Special Provisions for grout and grouting pressures.

All threaded bars shall be initially stressed to not more than 37.5 k (0.2 Fpu, temporary) and the nut tightened. After all bars have been stressed to 37.5 k, the jacking may commence for 112.5 k (0.6 Fpu) maximum transfer load (lockoff).

REVISION	DATE	BY	REMARKS	DESIGNED	JKP
				DRAWN	RD
				REVIEWED	ATH
				APPROVED	MRI

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
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 1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61265
 T: 309-517-1119 DESIGN FIRM: #184-000918

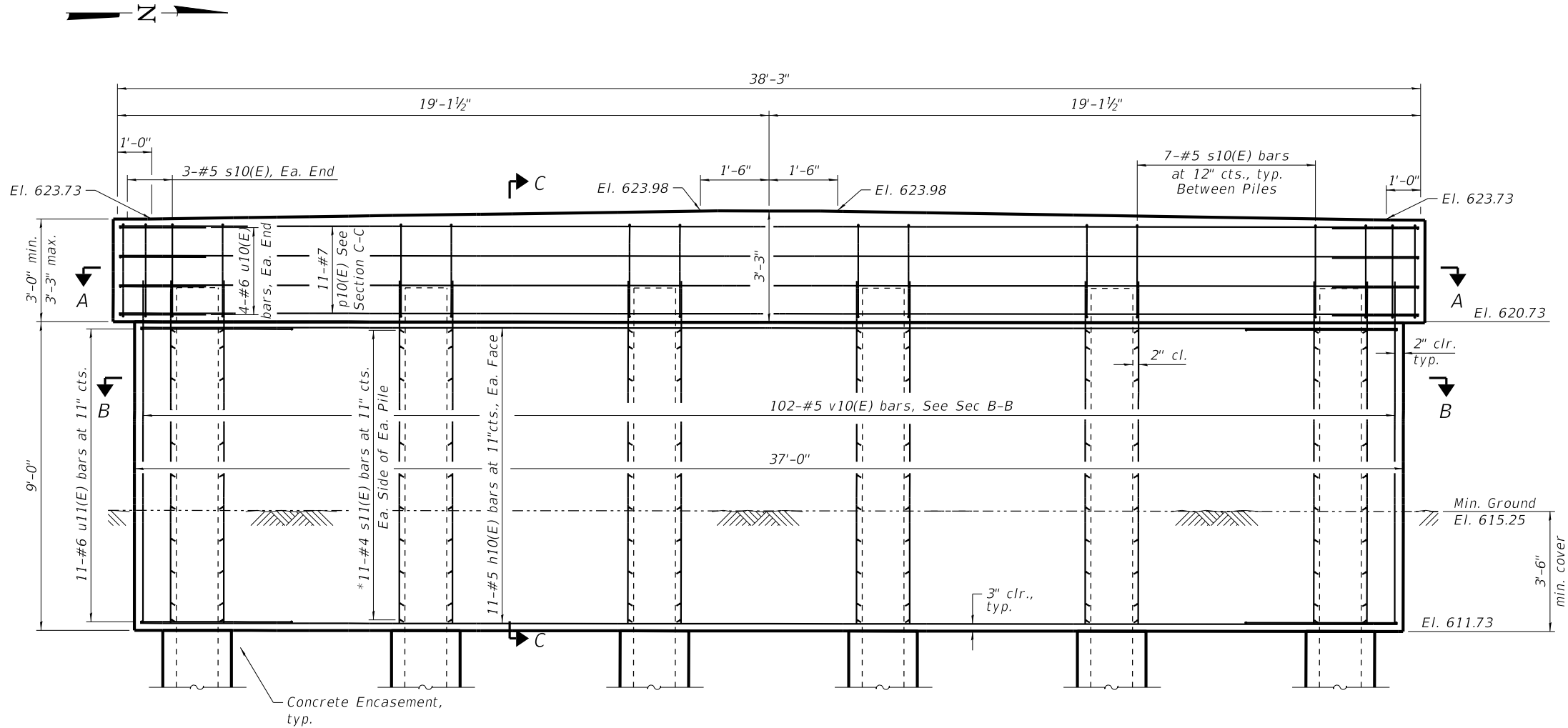
**27" x 36" PPC DECK BEAM DETAILS - SPAN 3
STRUCTURE NO. 098-6020**

STRUCTURAL SHEET 14 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	43
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

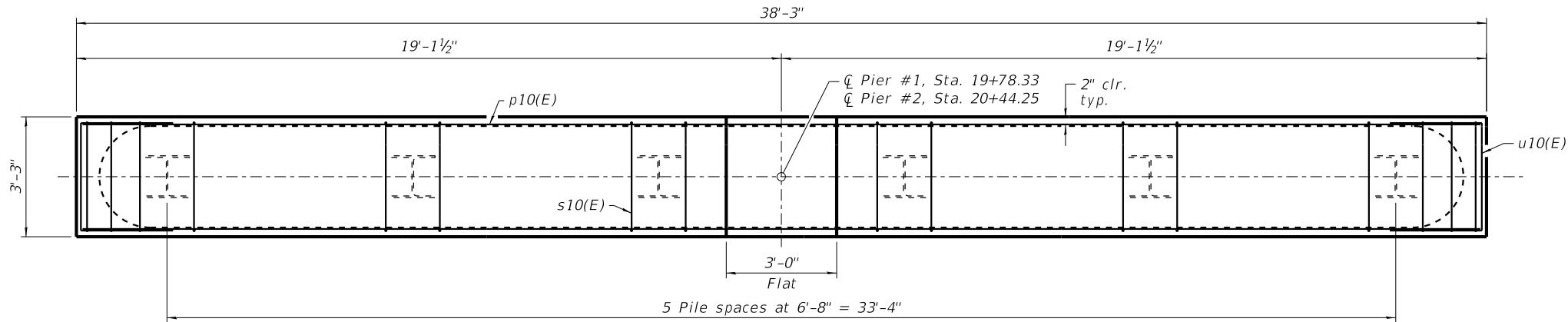
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ELEVATION VIEW

*Adjust location of s11(E) bars at exterior piles to provide 2" clear cover.



SECTION A-A

PILE DATA

Type: Steel HP 12x53 w/ Pile Shoes
Nominal Required Bearing: Drive to Refusal
Drive to Refusal
Factored Resistance Available: 429 kips (Pier #1)
384 kips (Pier #2)
Est. Length: 45'
No. Production Piles: 5 (Each Pier)
No. Test Piles: 1 (Each Pier)

MINIMUM BAR LAP

#6 bar = 3'-9"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h10(E)	44	5	35' - 1"	
p10(E)	22	8	37' - 11"	
s10(E)	82	4	12' - 1"	
s11(E)	264	4	3' - 3"	
u10(E)	16	6	10' - 5"	
u11(E)	44	6	7' - 7"	
v10(E)	188	5	10' - 9"	
CONCRETE STRUCTURES			CU YD	89.6
CONCRETE ENCASUREMENT			CU YD	4.2
REINFORCEMENT BARS, EPOXY COATED			POUND	7940
FURNISHING STEEL PILES HP12X53			FOOT	450
DRIVING PILES			FOOT	450
TEST PILE STEEL HP12X53			EACH	2
PILE SHOES			EACH	12

NOTES:

See Structural Sheet 16 of 23 for Sections B-B, C-C and bar details.

For Pile and Concrete Encasement details, see Structural Sheet 18 of 23.

All exposed edges shall have standard 3/4" chamfers, except as noted.

Space reinforcement in cap to miss dowel rods.

After beams have been erected, holes shall be drilled into substructure and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure a min. of 24 hours prior to grouting the shear keys.

REVISION	DATE	BY	REMARKS
DESIGNED	JKP		
DRAWN	RDA		
REVIEWED	ATK		
APPROVED	MRL		

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00

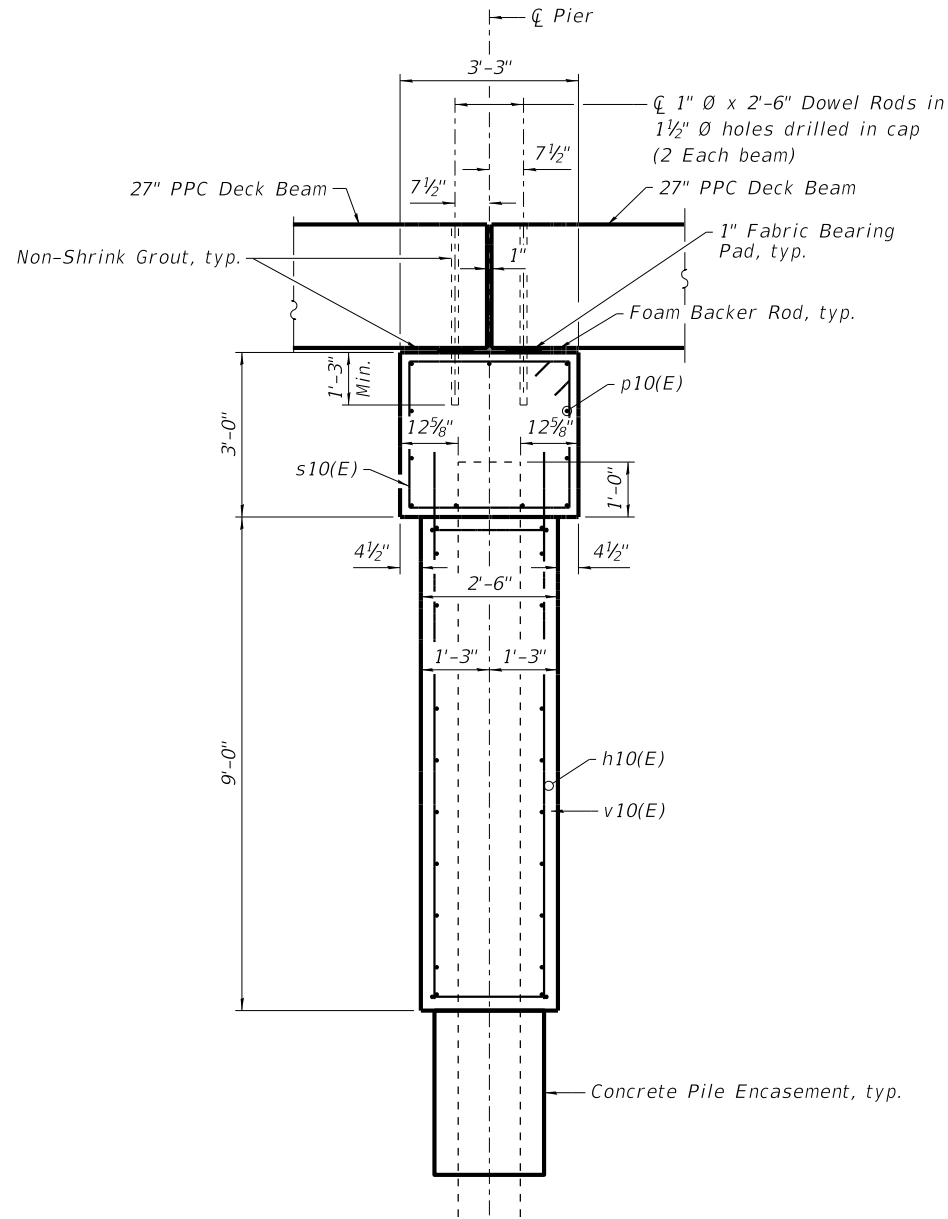
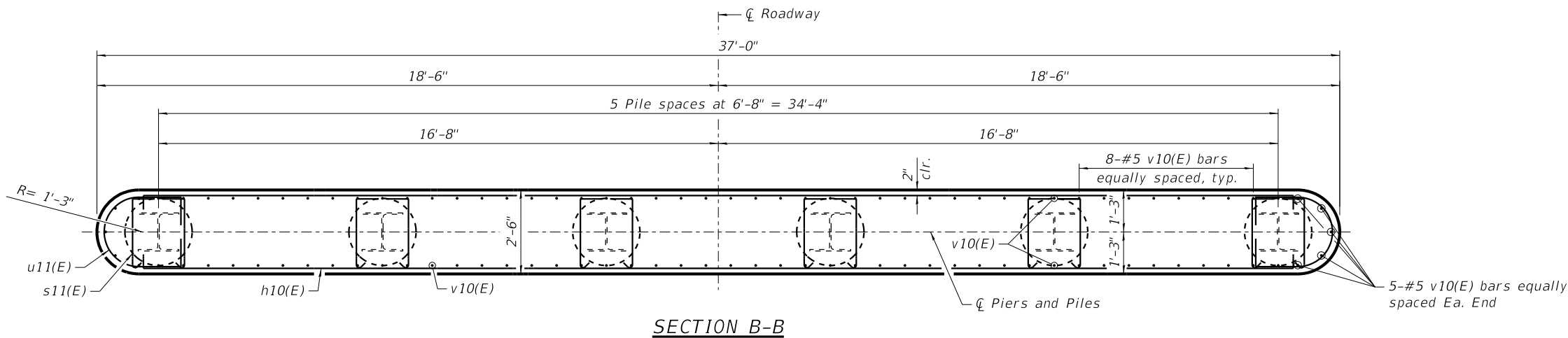


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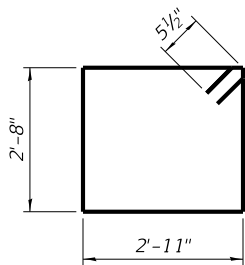
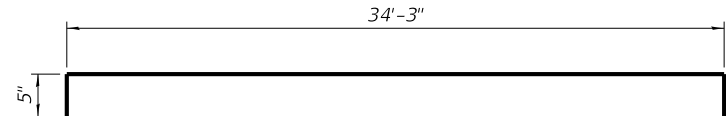
PIER DETAILS
STRUCTURE NO. 098-6020

STRUCTURAL SHEET 15 OF 23 SHEETS

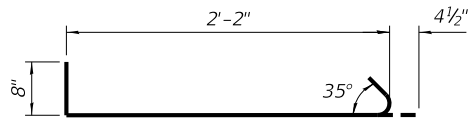
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	44
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		



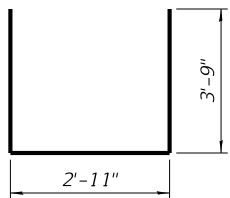
SECTION C-C
*May vary due to overrun of beams.



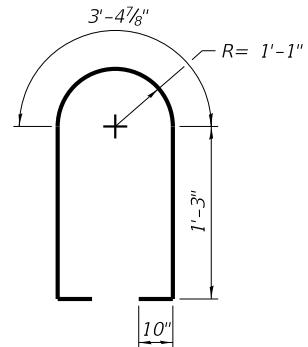
BAR s10(E)



BAR s11(E)



BAR u10(E)



BAR u11(E)

REVISION	DATE	BY	REMARKS

DESIGNED	JKP
DRAWN	RDA
REVIEWED	ATK
APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET-HOFMANN & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOUN, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

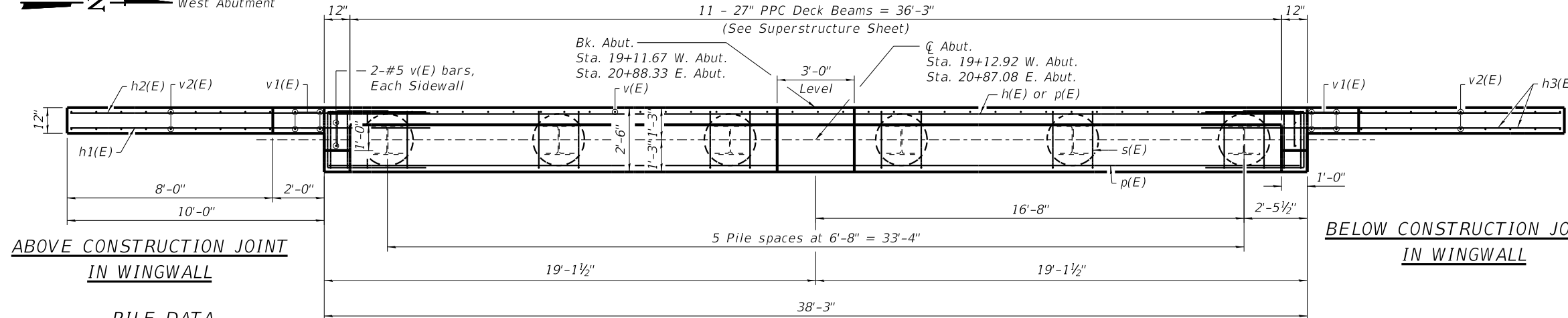
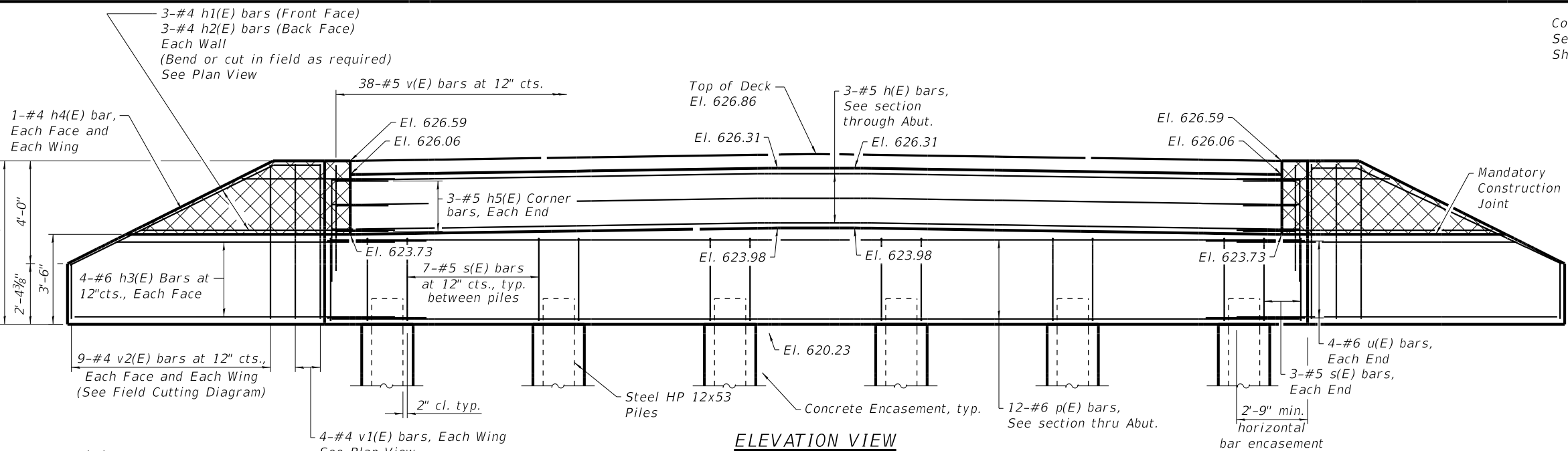
PIER DETAILS
STRUCTURE NO. 098-6020

STRUCTURAL SHEET 16 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	45
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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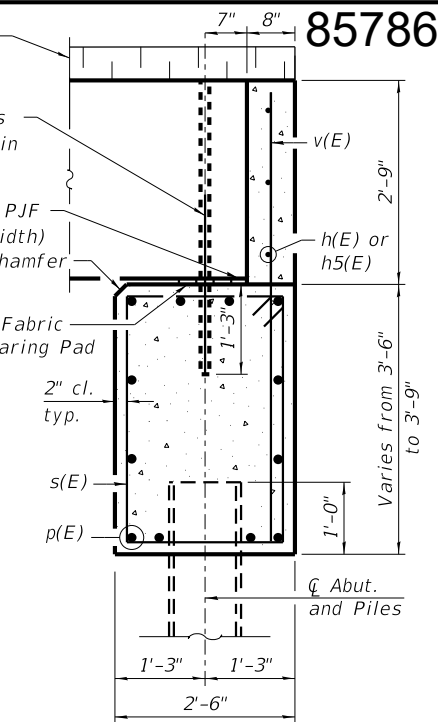
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**ABOVE CONSTRUCTION JOINT
IN WINGWALL**

**BELOW CONSTRUCTION JOINT
IN WINGWALL**

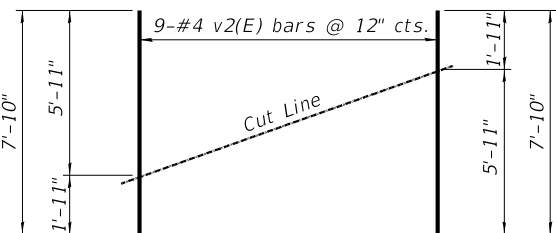
SECTION THRU ABUTMENT



85786

PILE DATA

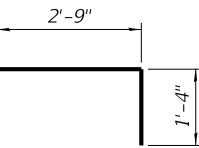
Type: Steel HP 12x53 w/ Pile Shoes
Nominal Required Bearing: Drive to Refusal
Drive to Refusal
Factored Resistance Available: 247 kips (W. Abut.)
190 kips (E. Abut.)
Est. Length: 45' (W. & E. Abut.)
No. Production Piles: 5 (Each Abutment)
No. Test Piles: 1 (Each Abutment)



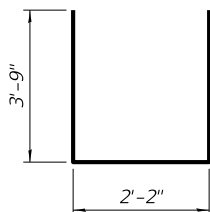
FIELD CUTTING DIAGRAM

Order v2(E) bars full length.
Cut as shown and use remainder of bars in opposite face.

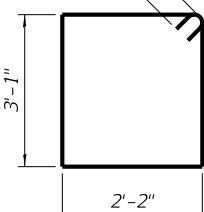
BAR h5(E)



BAR u(E)



BAR s(E)



NOTES:

Hatched portion of wingwalls to be poured with the backwall after the deck beams have been installed and grout has cured for a minimum of 24 hours.

All exposed edges shall have standard 3/4" chamfers, except as noted.

Space reinforcement in cap to miss dowel rods.

After beams have been erected, holes shall be drilled into substructure and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure a min. of 24 hours prior to grouting the shear keys.

For pile details, see Structural Sheet 18 of 23.

Reinforcement bars designated (E) shall be Epoxy coated.

May vary due to overrun of beams.

For Backfill details, see Structural Sheet 4 of 23.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	6	5	37' - 11"	
h1(E)	12	4	10' - 5"	
h2(E)	12	4	8' - 6"	
h3(E)	32	6	12' - 9"	
h4(E)	8	4	10' - 0"	
h5(E)	12	5	4' - 1"	
p(E)	24	6	37' - 11"	
s(E)	82	5	11' - 5"	
u(E)	16	6	9' - 8"	
v(E)	84	5	5' - 5"	
v1(E)	24	4	5' - 11"	
v2(E)	36	4	7' - 10"	
STRUCTURE EXCAVATION			CU YD	155
CONCRETE STRUCTURES			CU YD	37.6
CONCRETE ENCASEMENT			CU YD	4.2
REINFORCEMENT BARS, EPOXY COATED			POUND	4450
FURNISHING STEEL PILES HP12X53			FOOT	450
DRIVING PILES			FOOT	450
TEST PILE STEEL HP12X53			EACH	2
PILE SHOES			EACH	12
NAME PLATES			EACH	1
GRANULAR BACKFILL FOR STRUCTURES			CU YD	100
GEOCOMPOSITE WALL DRAIN			SQ YD	70

REVISION	DATE	BY	REMARKS

DESIGNED	JKP
DRAWN	RDA
REVIEWED	ATK
APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



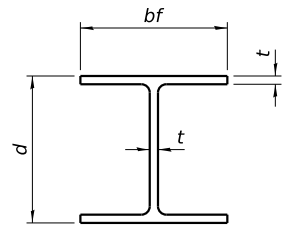
WILLETT HOFMANN & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOUNTELEPHANT, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

ABUTMENT DETAILS
STRUCTURE NO. 098-6020
STRUCTURAL SHEET 17 OF 22 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	46
WHA# 1518D18		CONTRACT NO. 85786		
		ILLINOIS FED. AID PROJECT HHNG(619)		

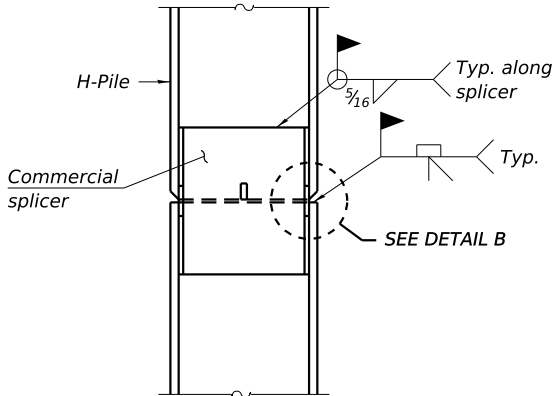
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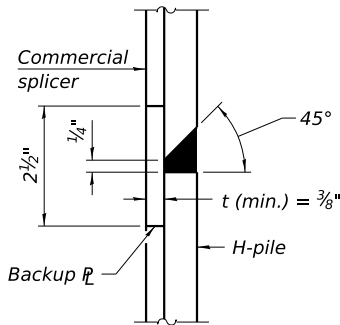


STEEL PILE TABLE

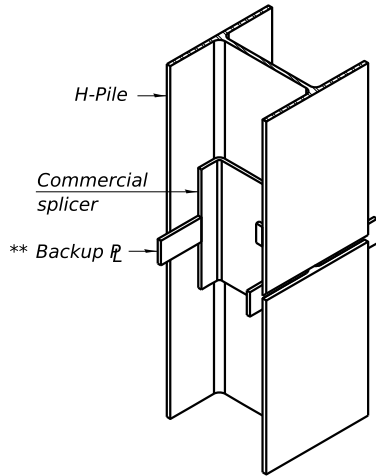
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 18x181	18	18	1	36"
x157	17¾"	17⅞"	⅞"	36"
x135	17½"	17¾"	¾"	36"
HP 16x183	16½"	16½"	1⅛"	36"
x162	16¼"	16⅜"	1"	36"
x141	16	16	⅞"	36"
x121	15¾"	15⅞"	¾"	36"
HP 14x117	14¼"	14⅞"	1⅜ ₁₆ "	30"
x102	14"	14¾"	1⅜ ₁₆ "	30"
x89	13⅞"	14¾"	⅝"	30"
x73	13⅝"	14⅝"	½"	30"
HP 12x84	12¼"	12¼"	1⅜ ₁₆ "	24"
x74	12⅝"	12¼"	⅝"	24"
x63	12"	12⅝"	½"	24"
x53	11¾"	12"	⅜ ₁₆ "	24"
HP 10x57	10"	10¼"	⅝ ₁₆ "	24"
x42	9¾"	10⅞"	⅜ ₁₆ "	24"
HP 8x36	8"	8⅞"	⅜ ₁₆ "	18"



ELEVATION

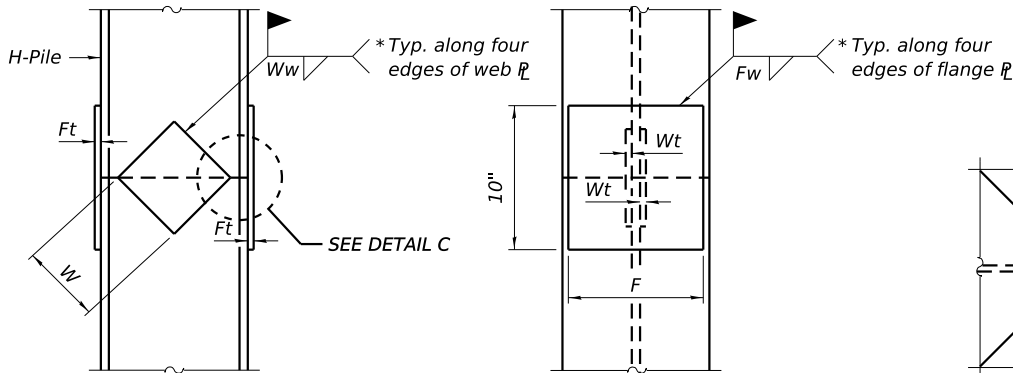


DETAIL B



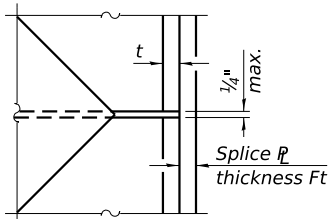
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



ELEVATION

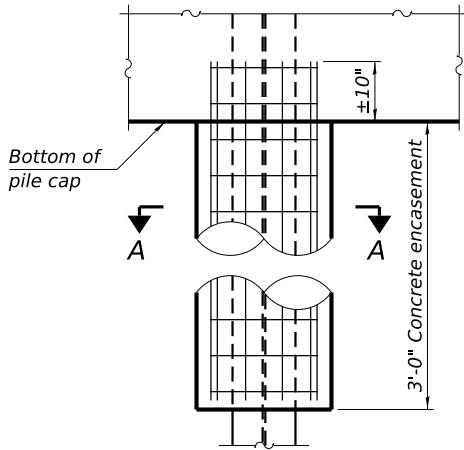
END VIEW



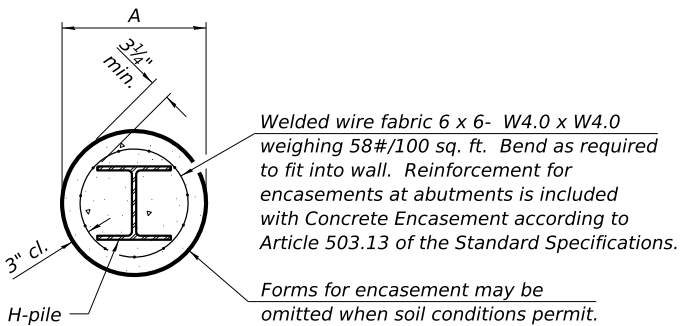
DETAIL C

Designation	F	Ft	Fw	W	Wt	Ww
HP 18x181	15½"	1½"	1"	9½"	⅞"	¾"
x157	15¼"	1¼"	1"	9½"	⅞"	¾"
x135	15¼"	1¼"	1"	9½"	⅞"	¾"
HP 16x183	13¾"	1½"	1"	8¼"	⅞"	¾"
x162	13½"	1½"	1"	8¼"	¾"	⅝"
x141	13½"	1¼"	⅞"	8¼"	¾"	⅝"
x121	13½"	1¼"	⅞"	8¼"	¾"	⅝"
HP 14x117	12½"	1¼"	⅞"	7¾"	⅝"	½"
x102	12½"	1"	¾"	7¾"	⅝"	½"
x89	12½"	⅞"	1⅜ ₁₆ "	7¾"	⅝"	½"
x73	12½"	¾"	⅝ ₁₆ "	7¾"	⅝"	½"
HP 12x84	10"	1"	1⅜ ₁₆ "	6½"	⅝"	½"
x74	10"	⅞"	1⅜ ₁₆ "	6½"	⅝"	½"
x63	10"	¾"	½"	6½"	½"	⅜"
x53	10"	¾"	½"	6½"	½"	⅜"
HP 10x57	8"	⅞"	⅝ ₁₆ "	5¼"	½"	⅜"
x42	8"	¾"	⅝ ₁₆ "	5¼"	½"	⅜"
HP 8x36	6¾"	⅝"	⅜ ₁₆ "	4"	½"	⅜"

WELDED PLATE FIELD SPLICE



ELEVATION



SECTION A-A

INDIVIDUAL PILE
CONCRETE ENCASUREMENT
(when specified)

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds ¼" from end of web and/or each flange.
- ** Remove portions of backup fl's that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (⅝₁₆" min.).

NOTE:
The steel H-piles shall be according to
AASHTO M270 Grade 50.

F-HP

4-4-2025

REVISION	DATE	BY	REMARKS	DESIGNED	JKP
				DRAWN	RDA
				REVIEWED	ATK
				APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



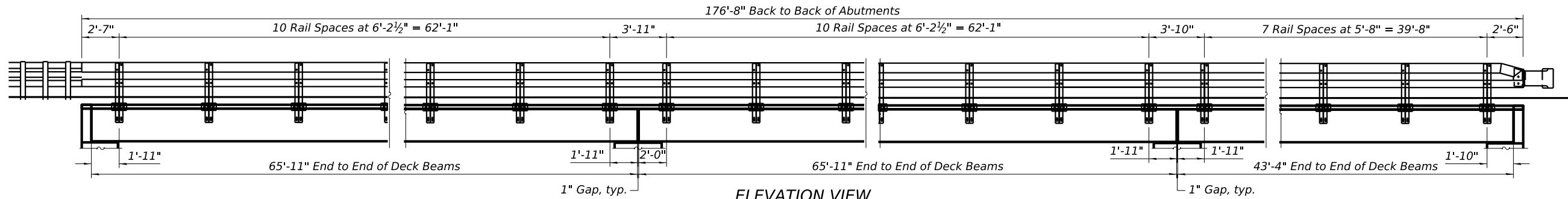
WILLETT HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM: #184-000918

HP PILE DETAILS
STRUCTURE NO. 098-6020
STRUCTURAL SHEET 18 OF 23 SHEETS

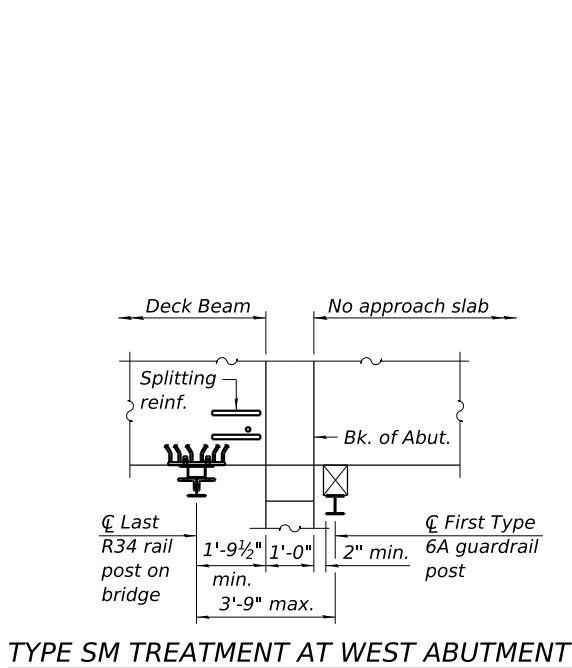
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	47
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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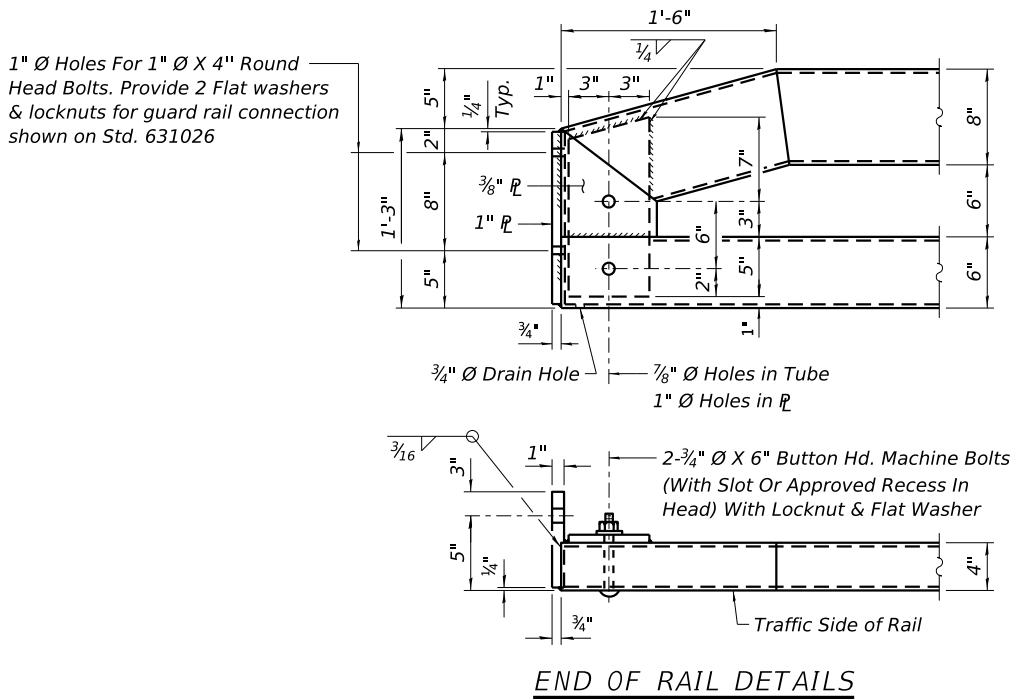
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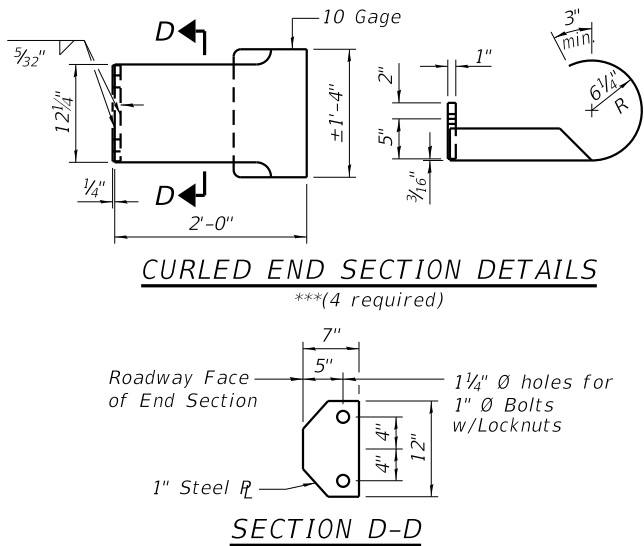
ELEVATION VIEW



TYPE SM TREATMENT AT WEST ABUTMENT



END OF RAIL DETAILS



SECTION D-D

REVISION	DATE	BY	REMARKS	DESIGNED	JKP
				DRAWN	RDA
				REVIEWED	ATK
				APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



STEEL RAILING, TYPE SM
STRUCTURE NO. 098-6020
STRUCTURAL SHEET 20 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	49
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

TEI-2

TESTING ENGINEERS, INC.
ROUTE 52 SOUTH
DIXON, ILLINOIS 61021

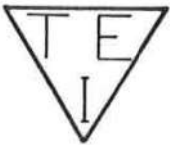
LOG OF BORING NO. B1

PROJECT PROPOSED BRIDGE, SECTION 78-50113-00-BR JOB NO. 1456-1
OWNER WHITESIDE COUNTY HIGHWAY DEPARTMENT ORDER NO. _____
ARCHITECT-ENGINEER HAROLD P. WENDLER & ASSOCIATES, INC.
LOCATION PRAIRIE CENTER ROAD AT ROCK CREEK
MORRISON, ILLINOIS - BORING AT STA. 30+09, 9' RIGHT OF CENTERLINE

DATUM ASSUMED FOR BRIDGE DESIGN

ELEV.	SOIL DESCRIPTION	DEPTH	SAMPLE		DIST.	REC.	N	γ	Q _u	w%
			NO.	TYPE						
100.5	BIT. SURFACE & GRAVEL BASE	0.0								
99.5	Dark brown SILTY SAND	1.0								
98.0	Loose brown fine SAND, trace to some clay	2.5	1	SS	X	X	10			
95.0	Stiff to very soft black CLAYEY SILT	5.5	2	SS	X	X	8		1.1 P	27.1
91.5	Very soft dark gray CLAYEY SANDY SILT	9.0	3	SS	X	X	1		0.1 P	33.6
			4	SS	X	X	0			
			5	SS	X	X	1		0.2 P	28.5
85.0	Very loose gray SAND	15.5	6	SS	X	X	4			
81.5	Loose yellow SAND and GRAVEL	19.0	7	SS	X	X	9			
76.5	Very dense yellow SILTY fine SAND (ROCK FLOUR)	24.0	8	SS	X	X	53			
		30	9	SS	X	X	34/6" 85/4"			
		35	10	SS	X	X	100/3"			
61.5	REFUSAL - END OF BORING	39.0								

Drilled By PJH Checked RNL
Inspector _____
Boring Started 10/29/79
Boring Completed 10/29/79
Sheet 1 of 1 Sheets



WATER LEVELS
While Drilling -13.0' (87.5)
On Completion - 6.5' (94.0)
After _____ Hours BACKFILLED
After _____ Hours _____

TEI-2

TESTING ENGINEERS, INC.
ROUTE 52 SOUTH
DIXON, ILLINOIS 61021

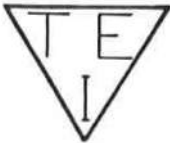
LOG OF BORING NO. B2

PROJECT PROPOSED BRIDGE, SECTION 78-50113-00-BR JOB NO. 1456-1
OWNER WHITESIDE COUNTY HIGHWAY DEPARTMENT ORDER NO. _____
ARCHITECT-ENGINEER HAROLD P. WENDLER & ASSOCIATES, INC.
LOCATION PRAIRIE CENTER ROAD AT ROCK CREEK
MORRISON, ILLINOIS - BORING AT STA. 31+23, 5' LEFT OF CENTERLINE

DATUM ASSUMED FOR BRIDGE DESIGN

ELEV.	SOIL DESCRIPTION	DEPTH	SAMPLE		DIST.	REC.	N	γ	Q _u	w%
			NO.	TYPE						
101.4	CONCRETE	0.0								
100.9	Brown SILTY SAND & GRAVEL	0.5								
99.9	Stiff light brown SANDY CLAY	1.5	1	SS	X	X	10		1.2 P	18.6
95.9	SEE NOTE #1	5.5	2	SS	X	X	17			
94.4	Medium reddish brown fine SAND	7.0	3	SS	X	X	24			
		10	4	SS	X	X	14			
89.4	Medium brown medium SAND	12.0	5	SS	X	X	27			
85.9	Medium to very soft light brown fine SANDY SILT	15.5	6	SS	X	X	11		0.5 P	20.0
		20	7	SS	X	X	1		0.1 P	26.2
79.4	Medium light brown SAND, trace silt	22.0								
		25	8	SS	X	X	24			
73.4	Stiff brown SILTY CLAY, some sand, trace fine gravel	28.0								
		30	9	SS	X	X	13		1.76	14.7
		35								
64.9	Very dense yellow SILTY fine SAND (ROCK FLOUR)	36.5	10	SS	X	X	8		1.07	16.9
	SEE SHEET #2	40	11	SS	X	X	107			

Drilled By PJH Checked RNL
Inspector _____
Boring Started 10/29/79
Boring Completed 10/29/79
Sheet 1 of 2 Sheets



WATER LEVELS
While Drilling -13.0' (88.4)
On Completion - 7.0' (94.4)
After _____ Hours _____
After _____ Hours _____

REVISION	DATE	BY	REMARKS	DESIGNED	JKP
				DRAWN	RDA
				REVIEWED	ATK
				APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOBILE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

BORING LOGS
STRUCTURE NO. 098-6020
STRUCTURAL SHEET 21 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	50
WHA# 1518D18		CONTRACT NO. 85786		
		ILLINOIS FED. AID PROJECT HHN6(619)		

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TEI-2

TESTING ENGINEERS, INC.
ROUTE 52 SOUTH
DIXON, ILLINOIS 61021

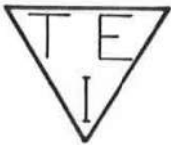
LOG OF BORING NO. B2

PROJECT PROPOSED BRIDGE, SECTION 78-50113-00-BR JOB NO. 1456-1
OWNER WHITESIDE COUNTY HIGHWAY DEPARTMENT ORDER NO. _____
ARCHITECT-ENGINEER HAROLD P. WENDLER & ASSOCIATES, INC.
LOCATION PRAIRIE CENTER ROAD AT ROCK CREEK
MORRISON, ILLINOIS - BORING AT STA. 31+23, 5' LEFT OF CENTERLINE

DATUM ASSUMED FOR BRIDGE DESIGN

ELEV.	SOIL DESCRIPTION	DEPTH	SAMPLE		DIST.	REC.	N	γ	Q _u	w%
			NO.	TYPE						
61.4	SEE SHEET #1	40.0	11	SS	X	X	107			
	Very dense yellow									
	SILTY fine SAND	45	12	SS	X	X	37/6"			
	(ROCK FLOUR)						80/3"			
53.4	REFUSAL - END OF BORING	48.0								
	NOTE #1: Medium brown fine									
	SAND, trace to some									
	clay									

Drilled By _____ Checked _____
Inspector _____
Boring Started _____
Boring Completed _____
Sheet 2 of 2 Sheets



WATER LEVELS
While Drilling _____
On Completion _____
After _____ Hours _____
After _____ Hours _____

REVISION	DATE	BY	REMARKS	DESIGNED	JKP
				DRAWN	RDA
				REVIEWED	ATK
				APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLETT HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

BORING LOGS
STRUCTURE NO. 098-6020
STRUCTURAL SHEET 22 OF 23 SHEETS

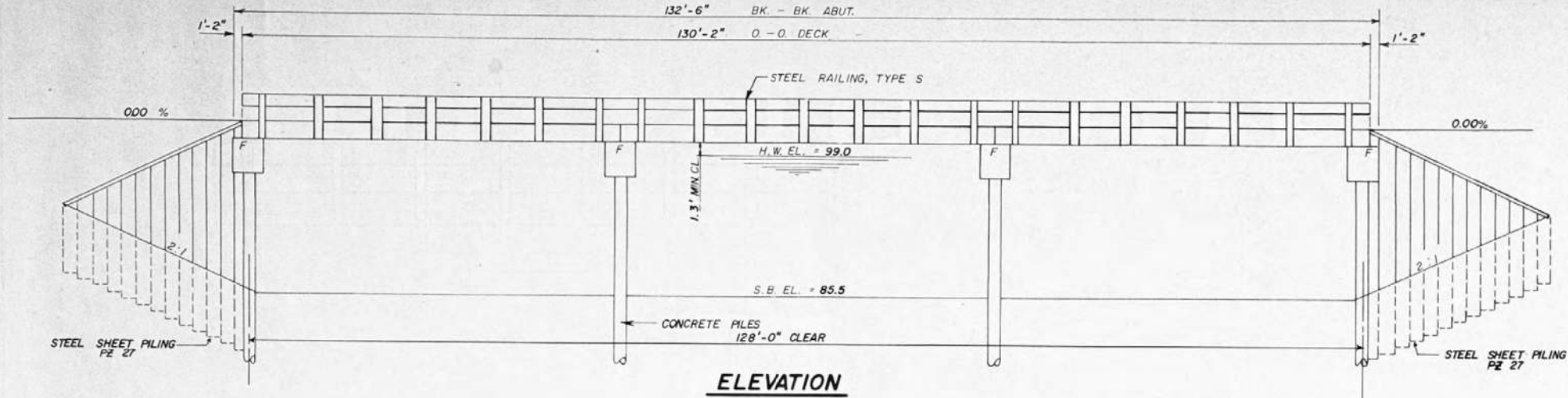
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	51
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

BENCHMARK: RR SPIKE IN BRACE POLE FOR UTILITY POLE
37' RT. STA. 30+12 ELEV. 10000
EXISTING STRUCTURE: SINGLE SPAN PONY TRUSS - CONC. DECK
82'-6" BK - BK ABUTS.
SALVAGE: NONE

SHEET 8 OF 13

GENERAL NOTES

SEE SPECIAL PROVISIONS FOR BORING LOGS.
SEE SPECIAL PROVISIONS FOR STEEL SHEET PILING.
NO BACKFILL SHALL BE PLACED BEHIND THE ABUTMENT UNTIL THE DECK BEAMS ARE IN PLACE AND THE DOWELS ARE GROUTED.
THE CONTRACTOR SHALL DRIVE ONE TEST PILE AT THE EAST ABUTMENT AND ONE AT PIER #1 IN A PERMANENT LOCATION AS DIRECTED BY THE ENGINEER BEFORE ORDERING THE REMAINDER OF THE PILES.
ALL EXPOSED PORTIONS OF THE STEEL PILING, STEEL SHEET PILING, AND STRUCTURAL STEEL SHALL BE PAINTED WITH ONE COAT OF RED LEAD PRIMER AND TWO COATS OF ALUMINUM IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 509 OF THE STANDARD SPECIFICATIONS.
THE CONTRACTOR SHALL CLEAN OUT THE CHANNEL WITHIN THE RIGHT-OF-WAY AS SHOWN. COST WILL BE INCIDENTAL.
REINFORCEMENT BARS SHALL CONFORM TO AASHTO M 31 OR M 53, GRADE 60.

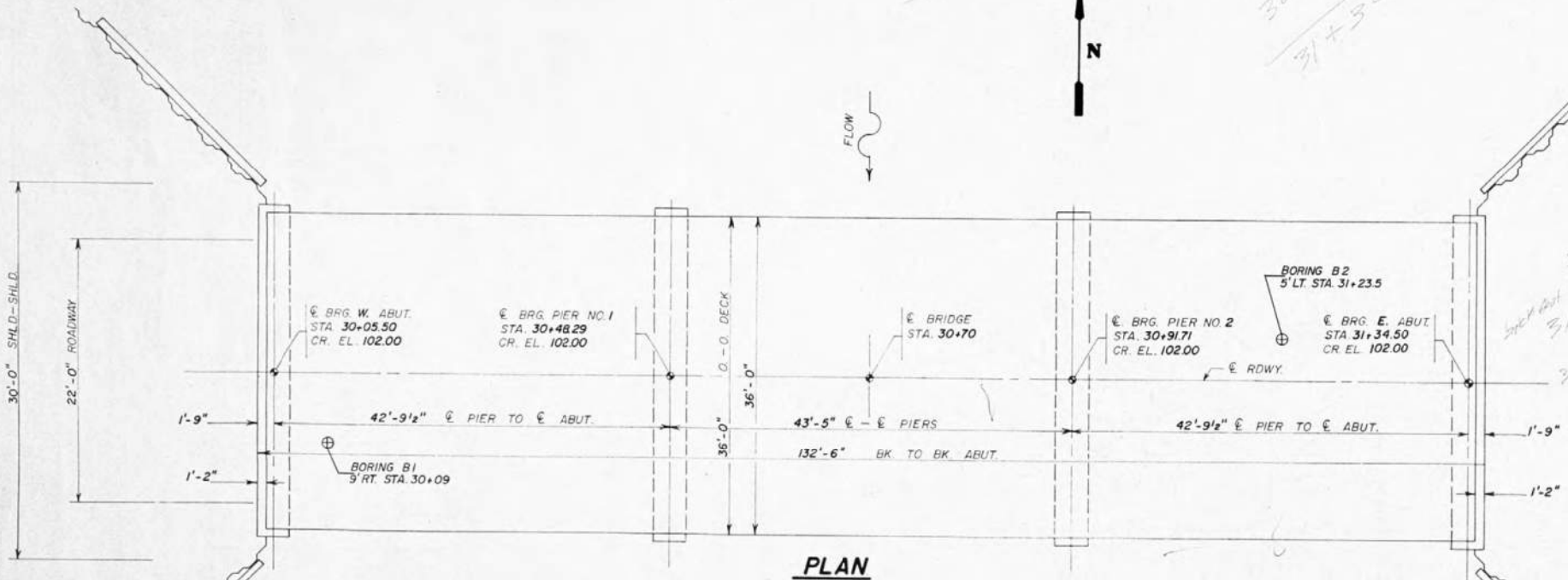


ELEVATION

BILL OF MATERIAL

BRIDGE

ITEM	UNIT	SUB*	SUPER	TOTAL
CLASS X CONCRETE	CU. YDS.		44.8	44.8
REINFORCEMENT BARS	LBS.	4660		4660
FURNISHING AND ERECTING STRUCTURAL STEEL	LBS.	4272		4272
PREC. PRESTR. CONC. DECK BEAMS (17" DEPTH)	SQ. FT.		4680	4680
STEEL RAILING, TYPE S	LIN. FT.		260	260
HARDWARE	LBS.	2862		2862
FURNISHING CONCRETE PILES	LIN. FT.	630		630
DRIVING CONCRETE PILES	LIN. FT.	630		630
TEST PILES - CONCRETE	EACH	2		2
STEEL SHEET PILING	SQ. FT.	3418		3418
NAME PLATES	EACH		1	1
REMOVAL OF EXISTING STRUCTURES	EACH			1



PLAN

STATION 30+70
ROCK CREEK BUILT 198
SECTION 78-50113-00-BR
BRIDGE NO. 098-5057
MOUNT PLEASANT ROAD DISTRICT
WHITESIDE COUNTY
LOADING HS-20

LETTERING FOR NAME PLATE
SEE STD 2113

WATERWAY INFORMATION

DRAINAGE AREA	170	SQ. MI.
DESIGN DISCHARGE (15 YEAR)	4325	C.F.S.
EXISTING OPENING	725	SQ. FT.
REQUIRED OPENING (15 YEAR)	1700	SQ. FT.
PROVIDED OPENING (15 YEAR)	1700	SQ. FT.
CREATED HEAD FOR DESIGN FLOOD	0.5'	FEET
100 YEAR DISCHARGE	5960	C.F.S.
CREATED HEAD FOR 100 YEAR FLOOD	0.7'	FEET
HIGH WATER ELEV. (100 YEAR FLOOD)	99.8'	FEET

DESIGN STRESSES

PRESTRESSED UNITS	FIELD UNITS
$f_c = 5000$ P.S.I.	$f_c = 1400$ P.S.I.
$f_{ci} = 4100$ P.S.I.	$f_s = 20000$ P.S.I.
$f_s = 270,000$ P.S.I.	$n = 8.5$
$f_{si} = 188,700$ P.S.I.	

DESIGN SPECIFICATIONS 1977 AASHTO
AND 1978 INTERIMS

APPROVED
FOR CONSTRUCTION, APPROXIMATE ONLY
[Signature]
[Stamp]



GENERAL PLAN AND ELEVATION
SECTION 78-50113-00-BR
MOUNT PLEASANT ROAD DISTRICT
WHITESIDE COUNTY

LOADING HS-20-44

REVISION	DATE	BY	REMARKS	DESIGNED	JKP
				DRAWN	RDA
				REVIEWED	ATK
				APPROVED	MRL

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



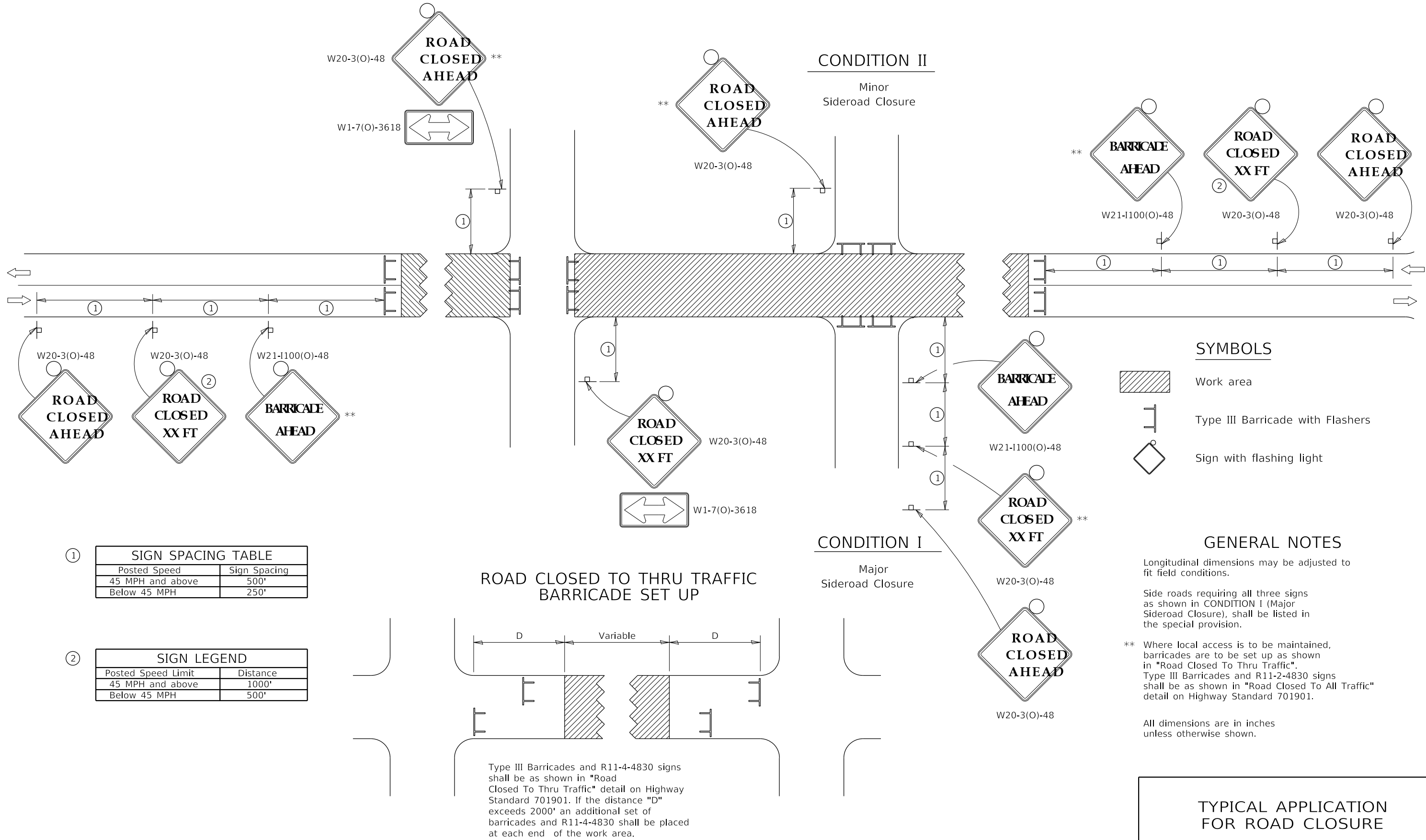
WILLETT HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOBILE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

EXISTING PLAN - GP&E
STRUCTURE NO. 098-6020

STRUCTURAL SHEET 23 OF 23 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	52
	WHA# 1518D18		CONTRACT NO. 85786	
		ILLINOIS	FED. AID PROJECT	HHN6(619)

TRAFFIC CONTROL FOR ROAD CLOSURE



REVISION	DATE	BY	REMARKS	DESIGNED	CJI
				DRAWN	CJI
				REVIEWED	XXX
				APPROVED	XXX

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



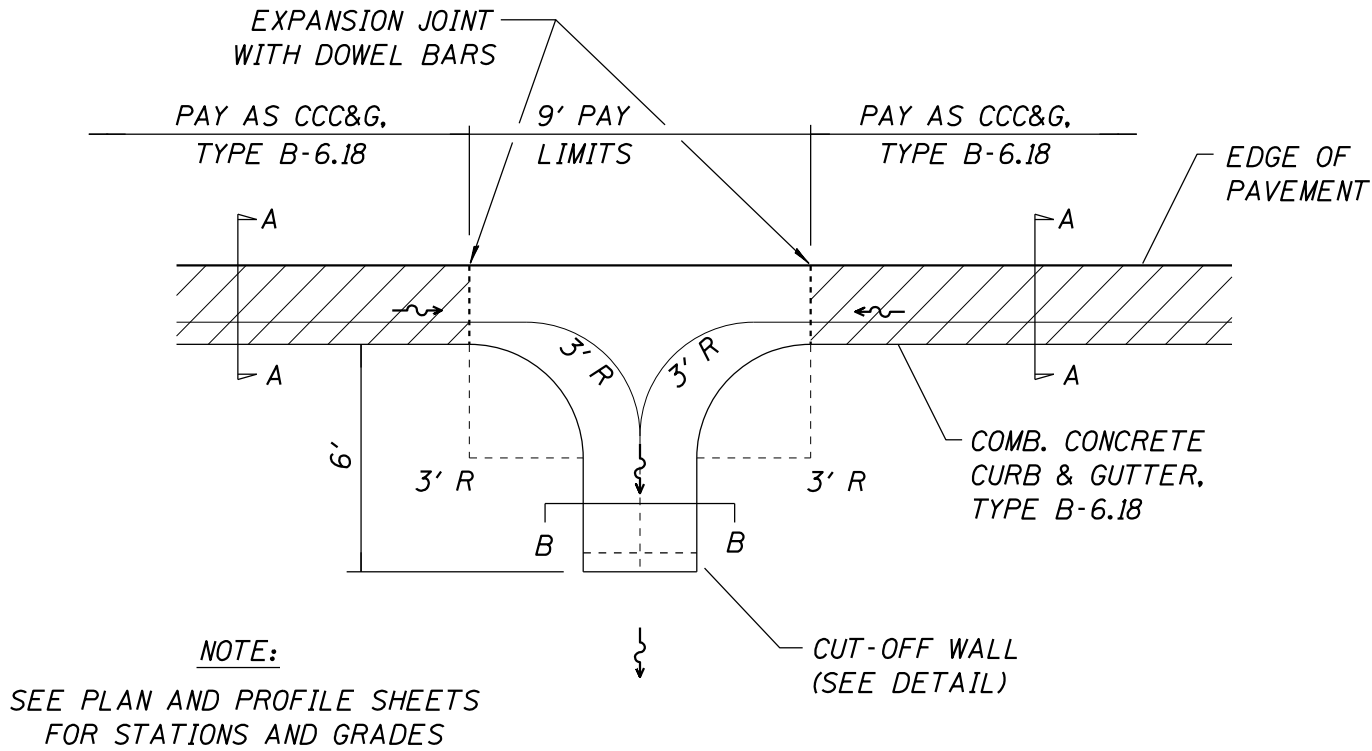
IDOT STANDARD 40.1
TYPICAL APPLICATION FOR ROAD CLOSURE
SHEET 1 OF 1

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	53
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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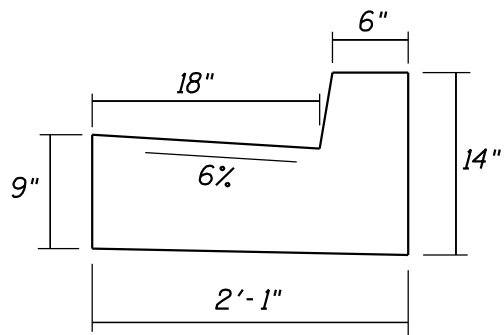
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OUTLET SPECIAL

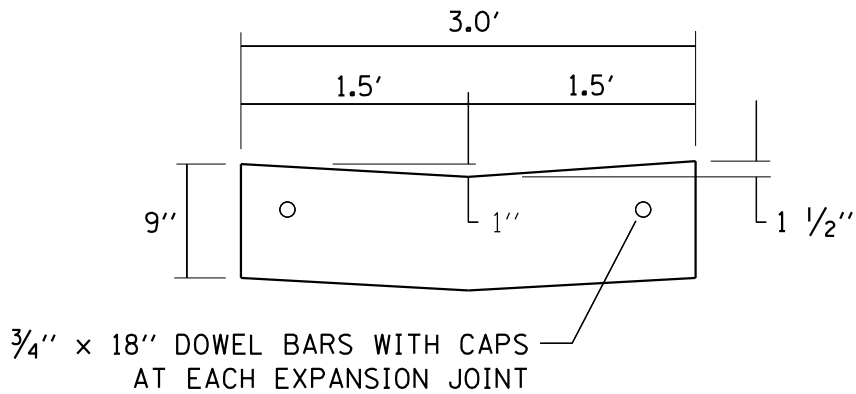


NOTE:
CLASS SI CONCRETE SHALL BE USED THROUGHOUT. COMBINATION CONCRETE CURB & GUTTER TYPE B, 6.18 SHALL BE CONSTRUCTED WITH 3/4" PREMOLDED EXPANSION JOINTS, AND 12' CONSTRUCTION JOINTS. THE DOWEL BARS SHALL BE GREASED ON THE END ON WHICH THE CAP IS PLACED. THE COST OF FURNISHING AND INSTALLING THE JOINTS COMPLETE IN PLACE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LINEAL FOOT FOR COMBINATION CONCRETE CURB & GUTTER TYPE B, 6.18. OUTLET SPECIAL SHALL BE PAID FOR AS AN EACH ITEM.

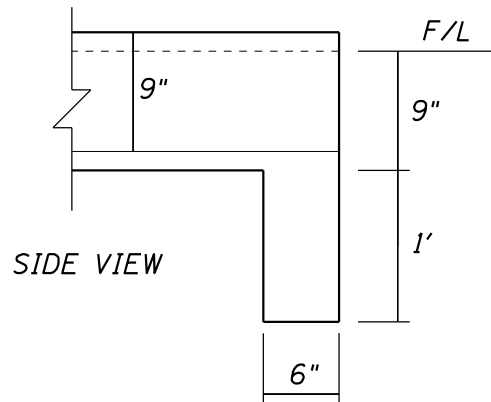
SECTION A-A



SECTION B-B



CUT-OFF WALL DETAIL



REVISION	DATE	BY	REMARKS

DESIGNED	CJI
DRAWN	CJI
REVIEWED	XXX
APPROVED	XXX

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



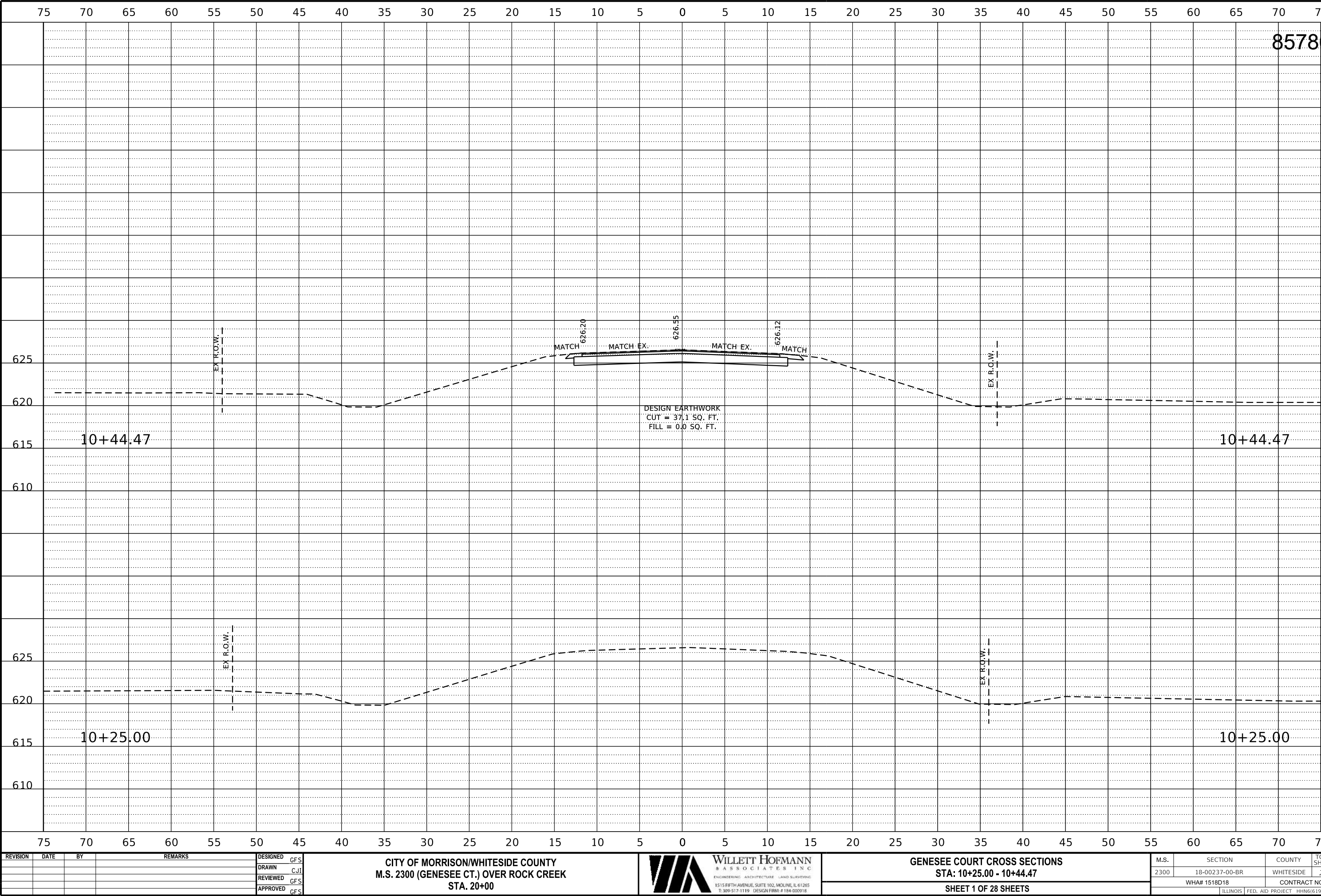
WILLETT HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

OUTLET SPECIAL
WHA STANDARD DETAIL
SHEET 1 OF 1

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	54
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



GENESSEE COURT CROSS SECTIONS
STA: 10+25.00 - 10+44.47

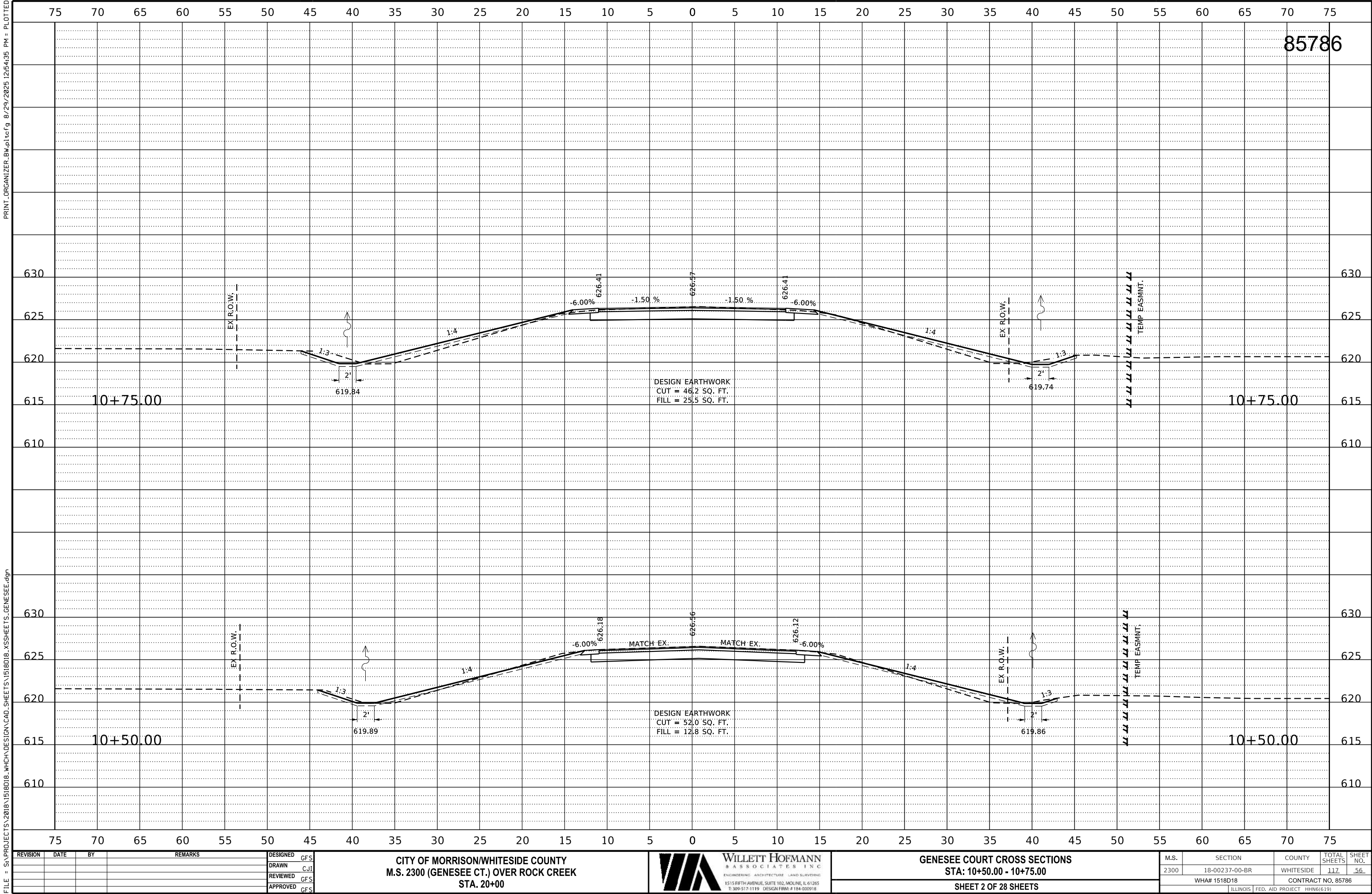
SHEET 1 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	55
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



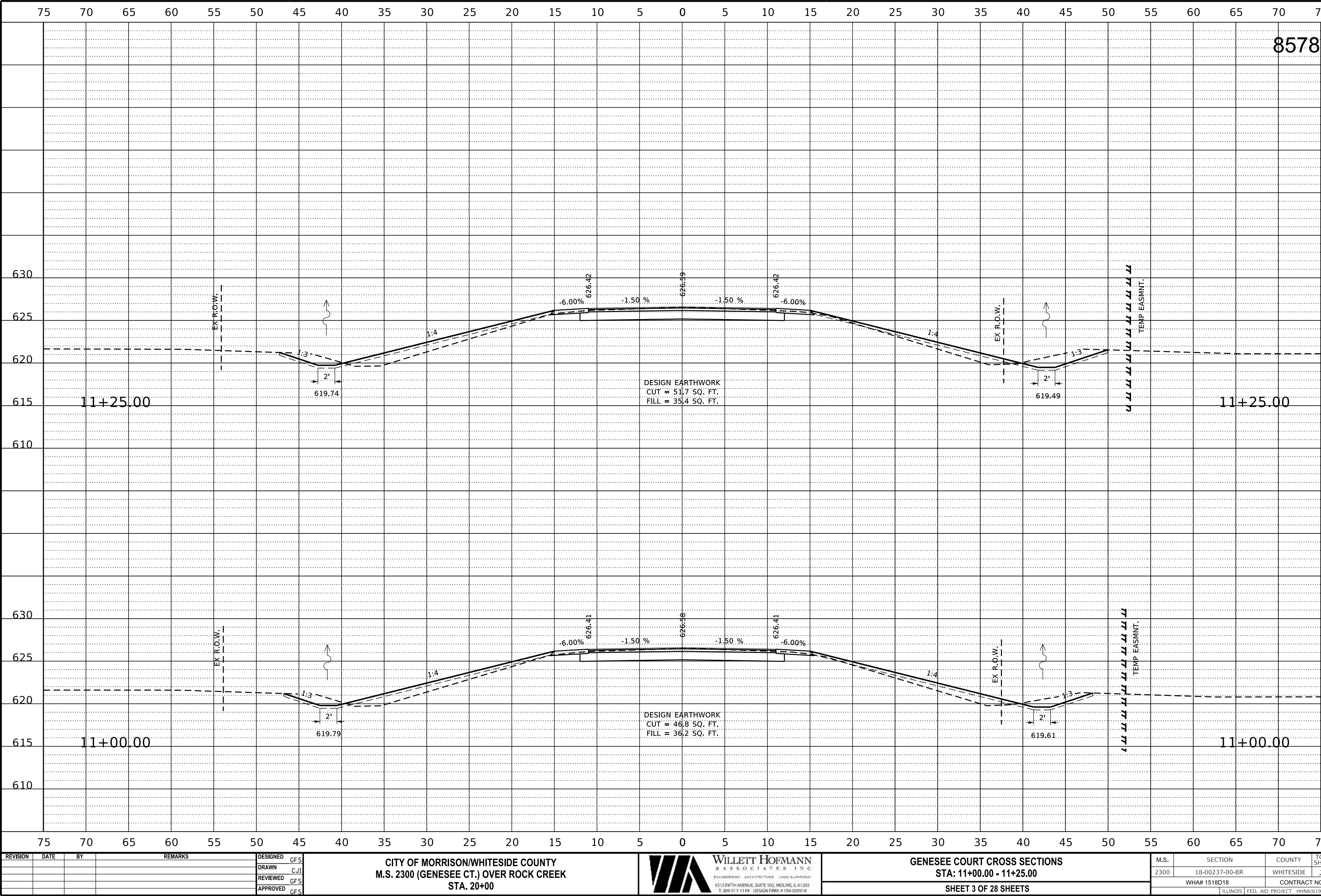
GENESEE COURT CROSS SECTIONS
STA: 10+50.00 - 10+75.00
SHEET 2 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	56
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



GENESEE COURT CROSS SECTIONS
STA: 11+00.00 - 11+25.00

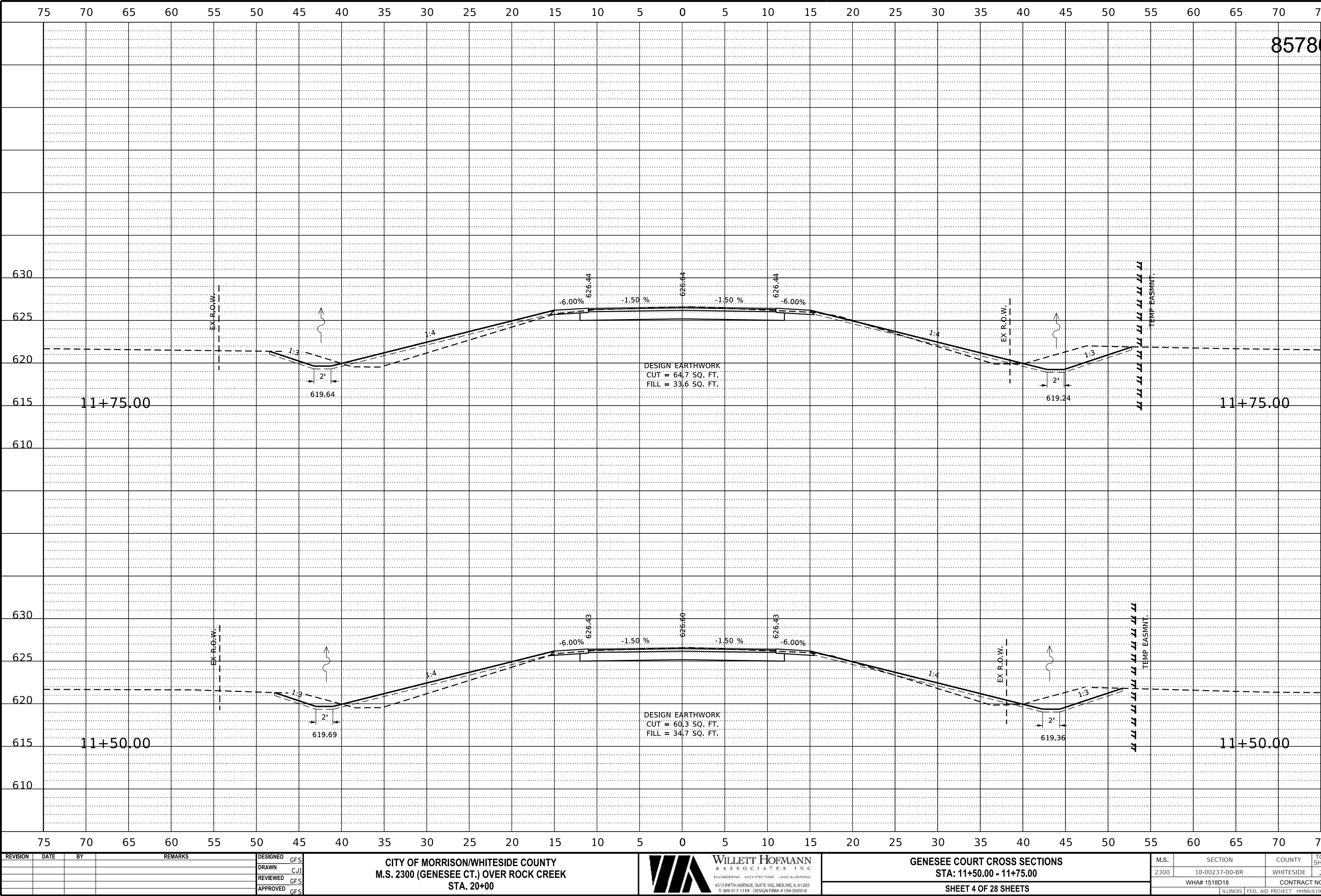
SHEET 3 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	57
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



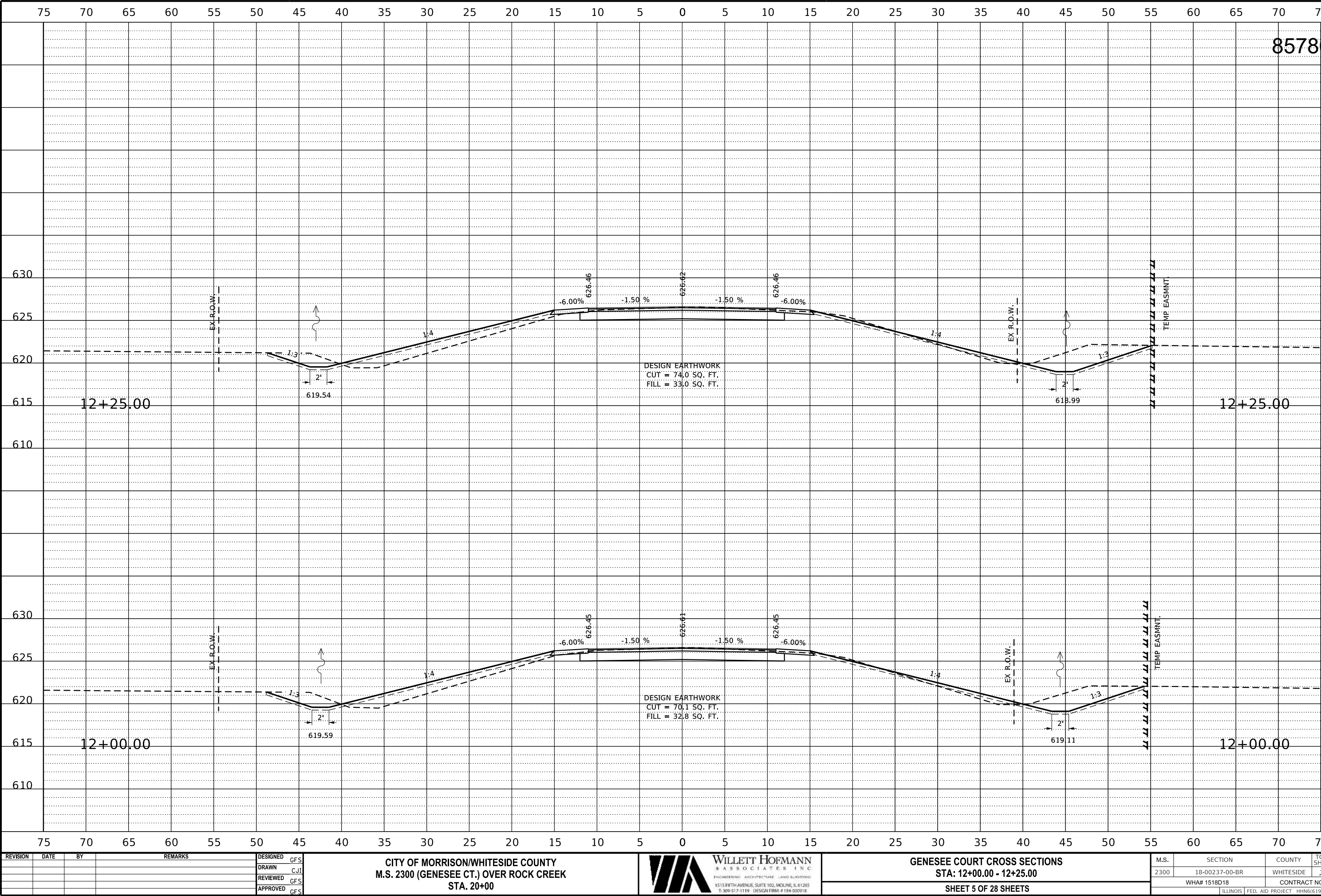
GENESEE COURT CROSS SECTIONS
STA: 11+50.00 - 11+75.00
SHEET 4 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>58</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



GENESEE COURT CROSS SECTIONS
STA: 12+00.00 - 12+25.00
SHEET 5 OF 28 SHEETS

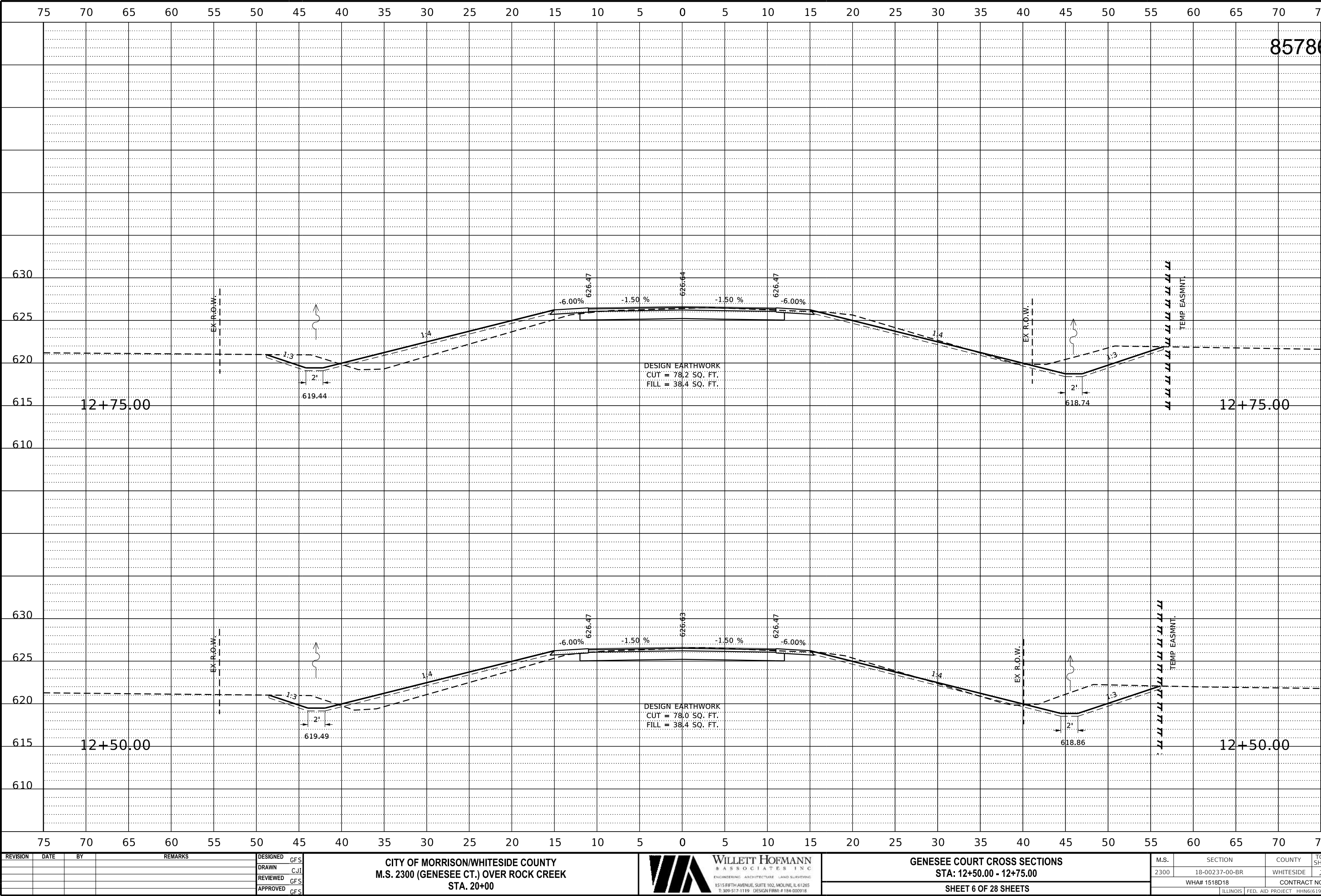
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	59
WHA# 1518D18		CONTRACT NO. 85786		

ILLINOIS FED. AID PROJECT HHN6(619)

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLETT HOFMANN & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

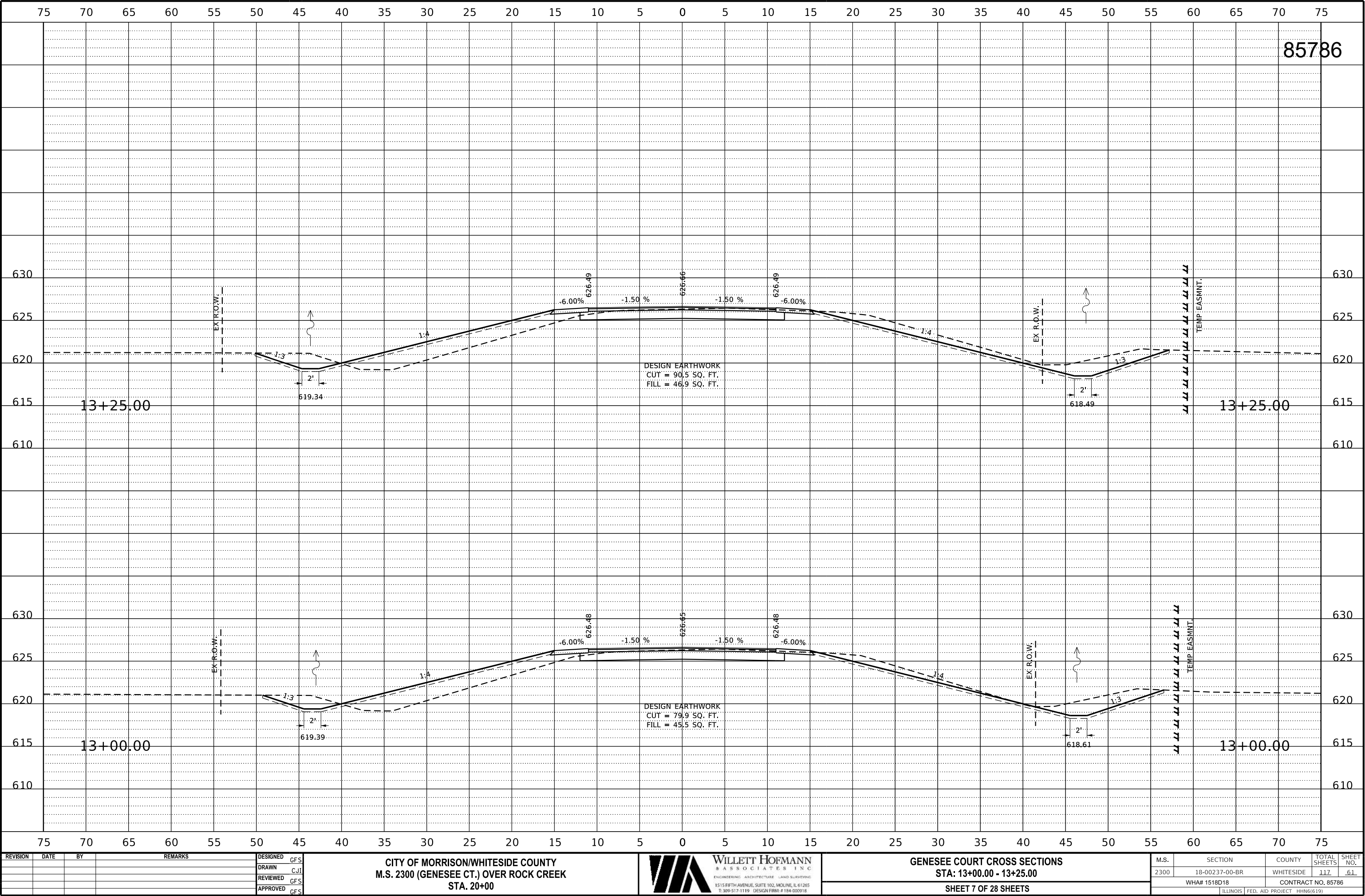
GENESEE COURT CROSS SECTIONS
STA: 12+50.00 - 12+75.00
SHEET 6 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	60
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



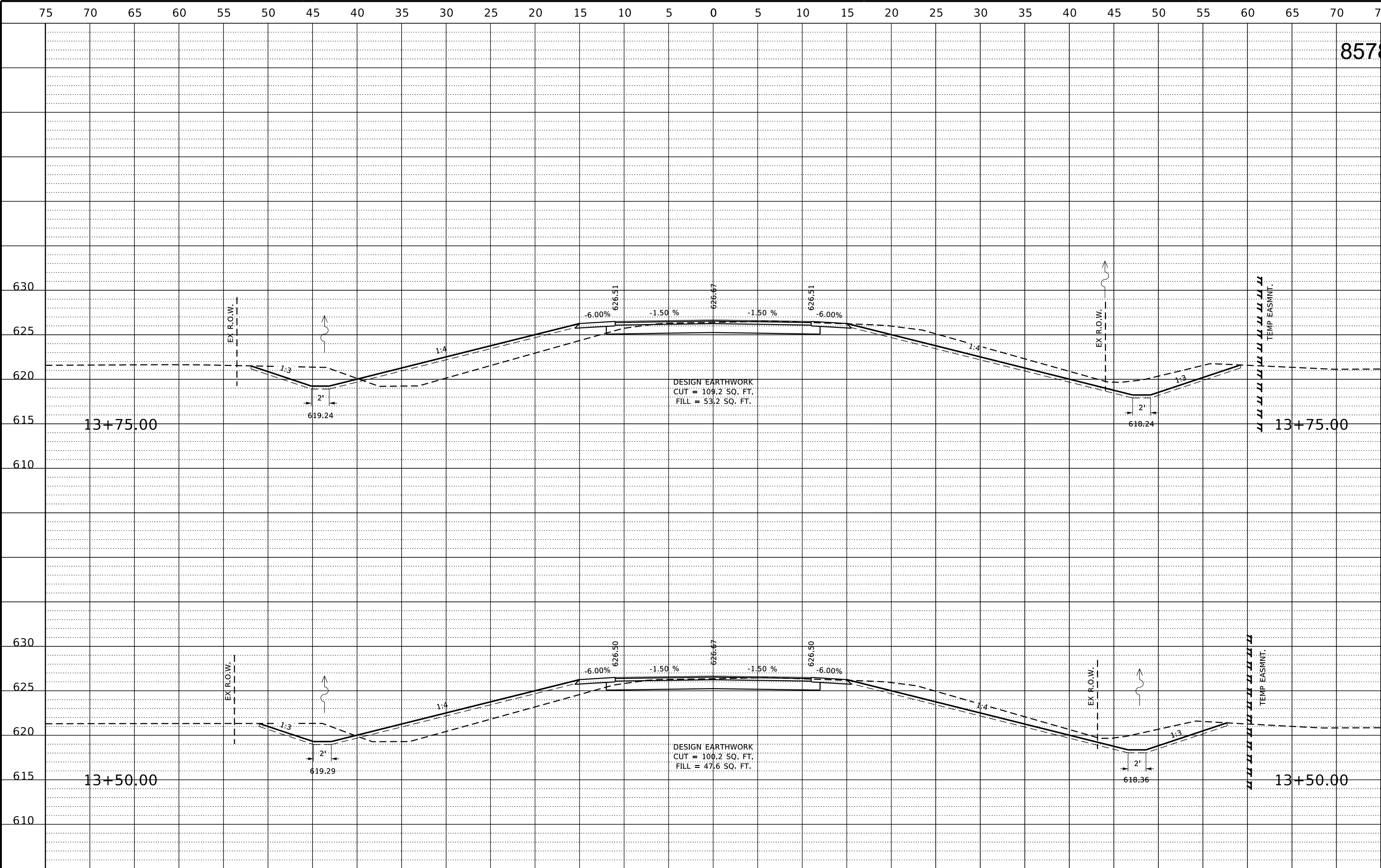
GENESEE COURT CROSS SECTIONS
STA: 13+00.00 - 13+25.00
SHEET 7 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	61
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



GENESEE COURT CROSS SECTIONS
STA: 13+50.00 - 13+75.00

SHEET 8 OF 28 SHEETS

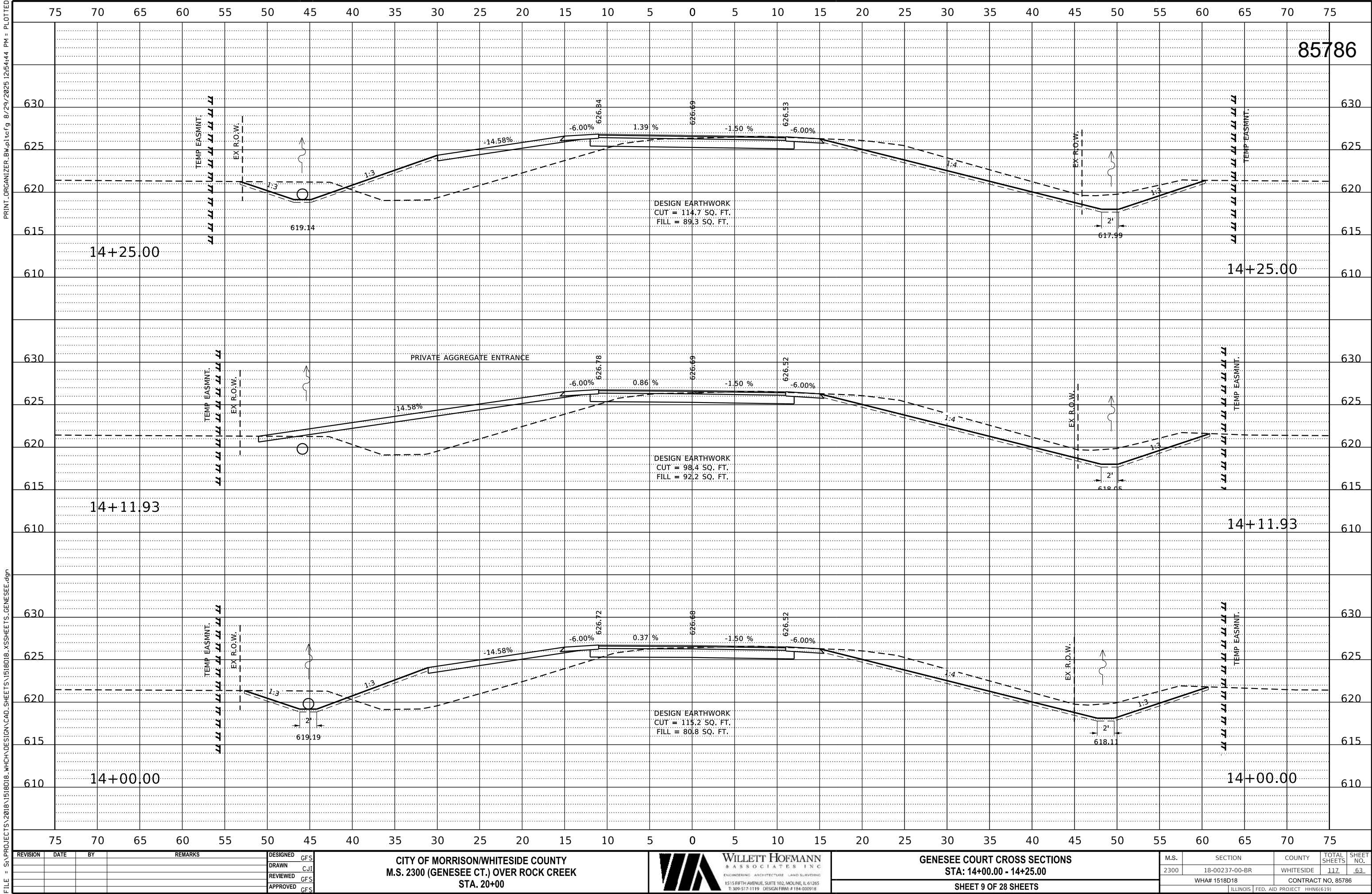
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	62
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVIEWED	GFS		
APPROVED	GFS		

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



GENESSEE COURT CROSS SECTIONS
STA: 14+00.00 - 14+25.00

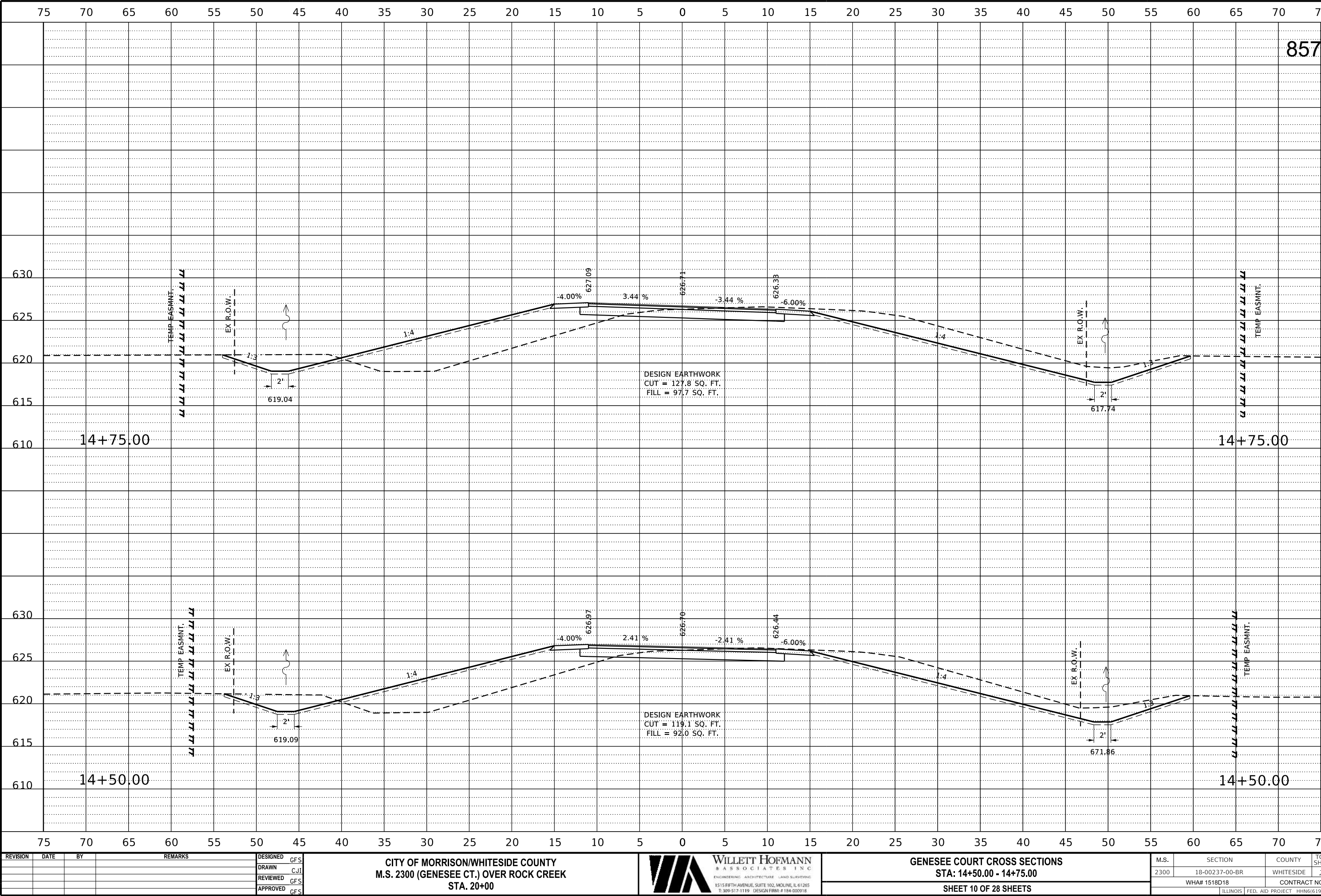
SHEET 9 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	63
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



GENESSEE COURT CROSS SECTIONS
STA: 14+50.00 - 14+75.00

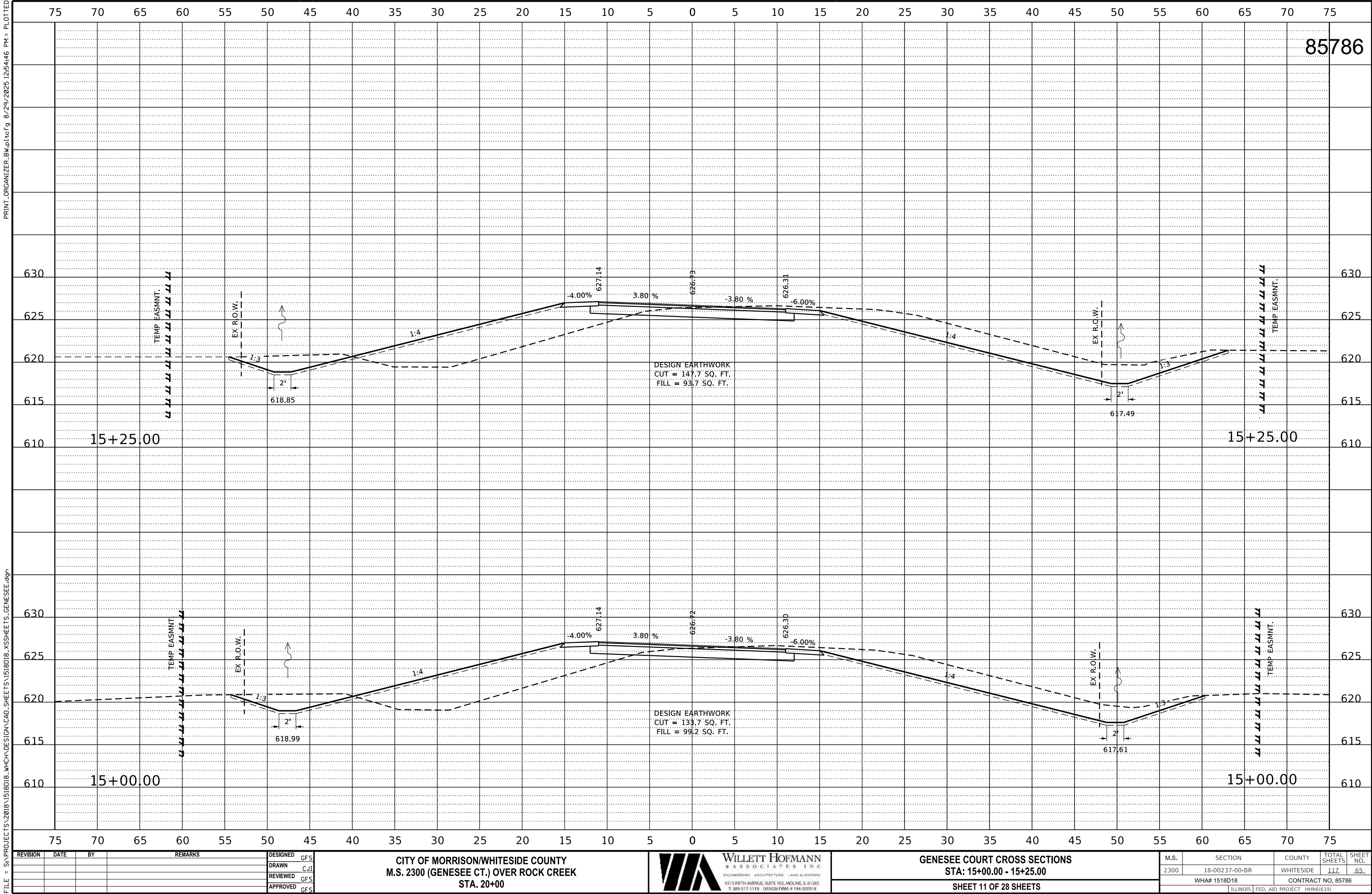
SHEET 10 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	64
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



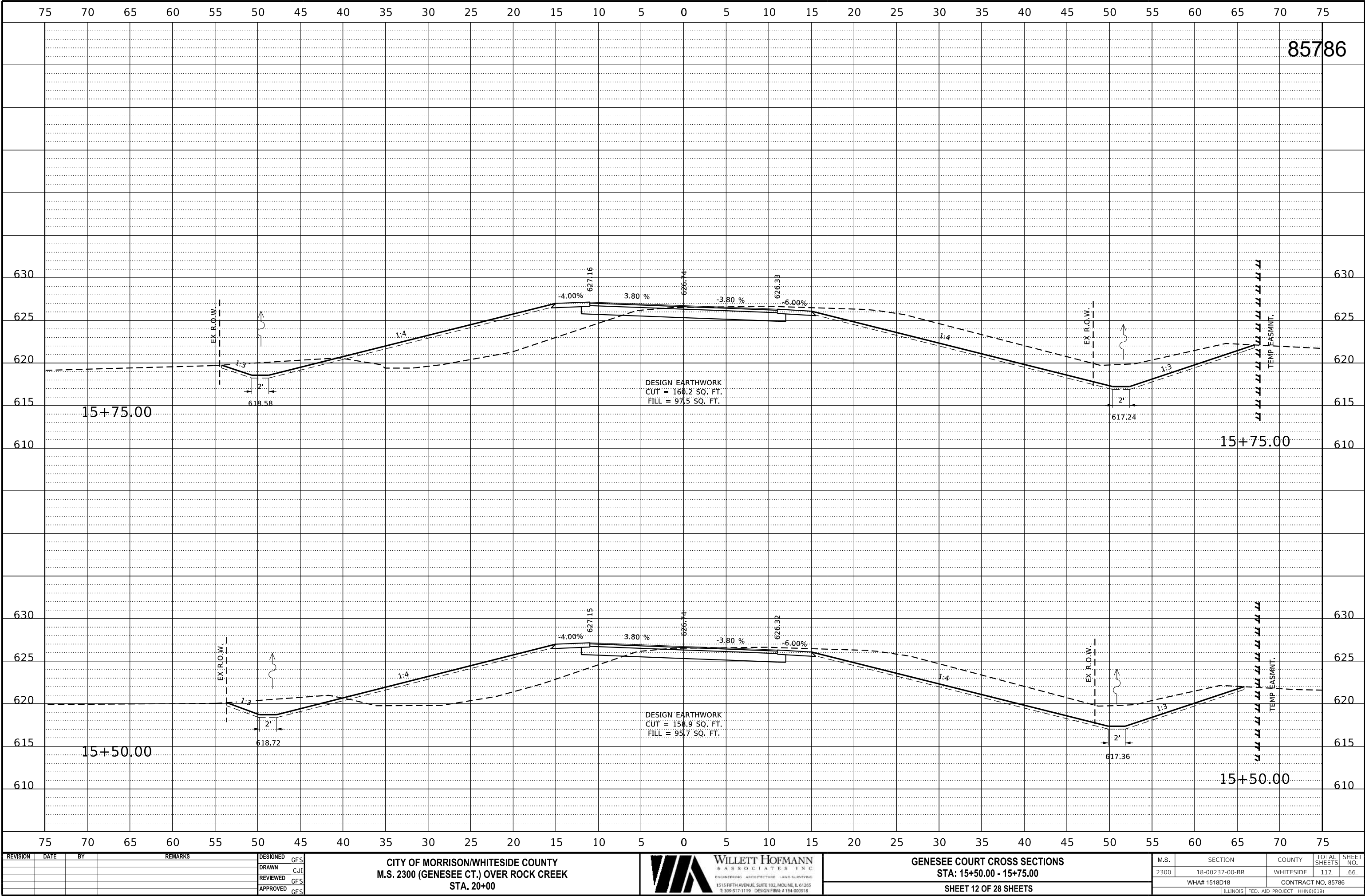
GENESSEE COURT CROSS SECTIONS
STA: 15+00.00 - 15+25.00

SHEET 11 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	65
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



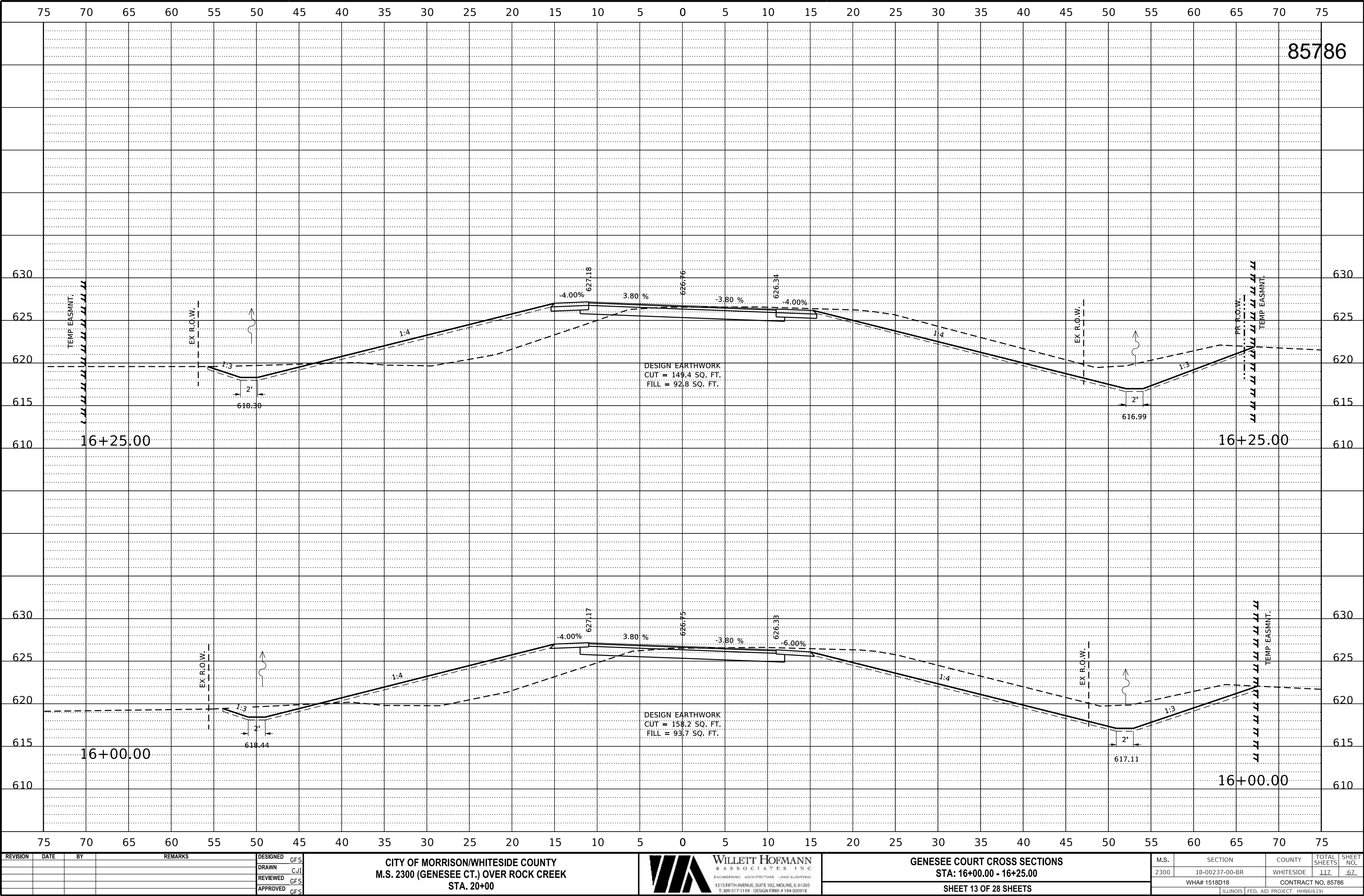
GENESSEE COURT CROSS SECTIONS
STA: 15+50.00 - 15+75.00
SHEET 12 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>66</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



GENESSEE COURT CROSS SECTIONS
STA: 16+00.00 - 16+25.00

SHEET 13 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	67
WHA# 1518D18		CONTRACT NO. 85786		

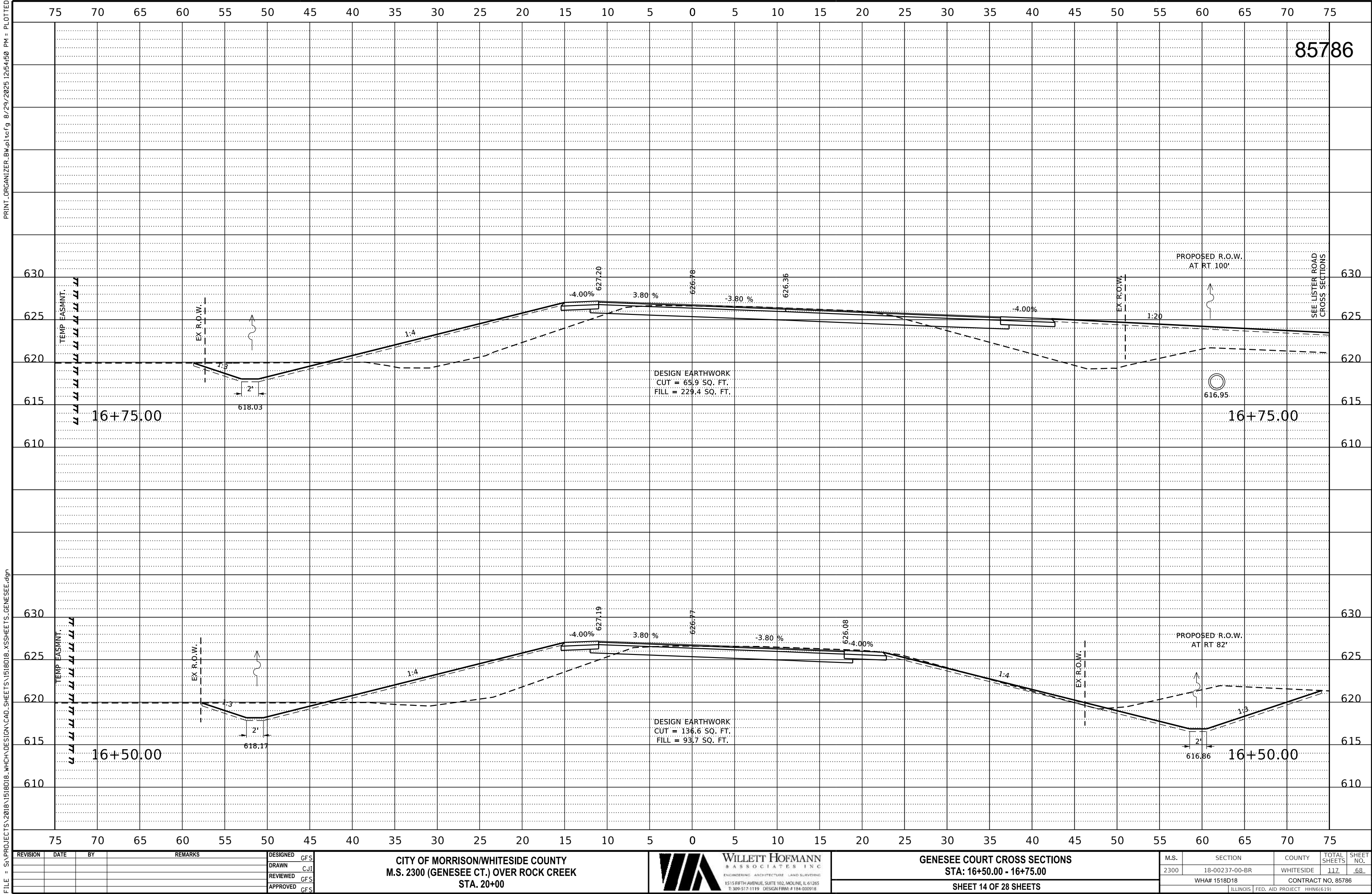
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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



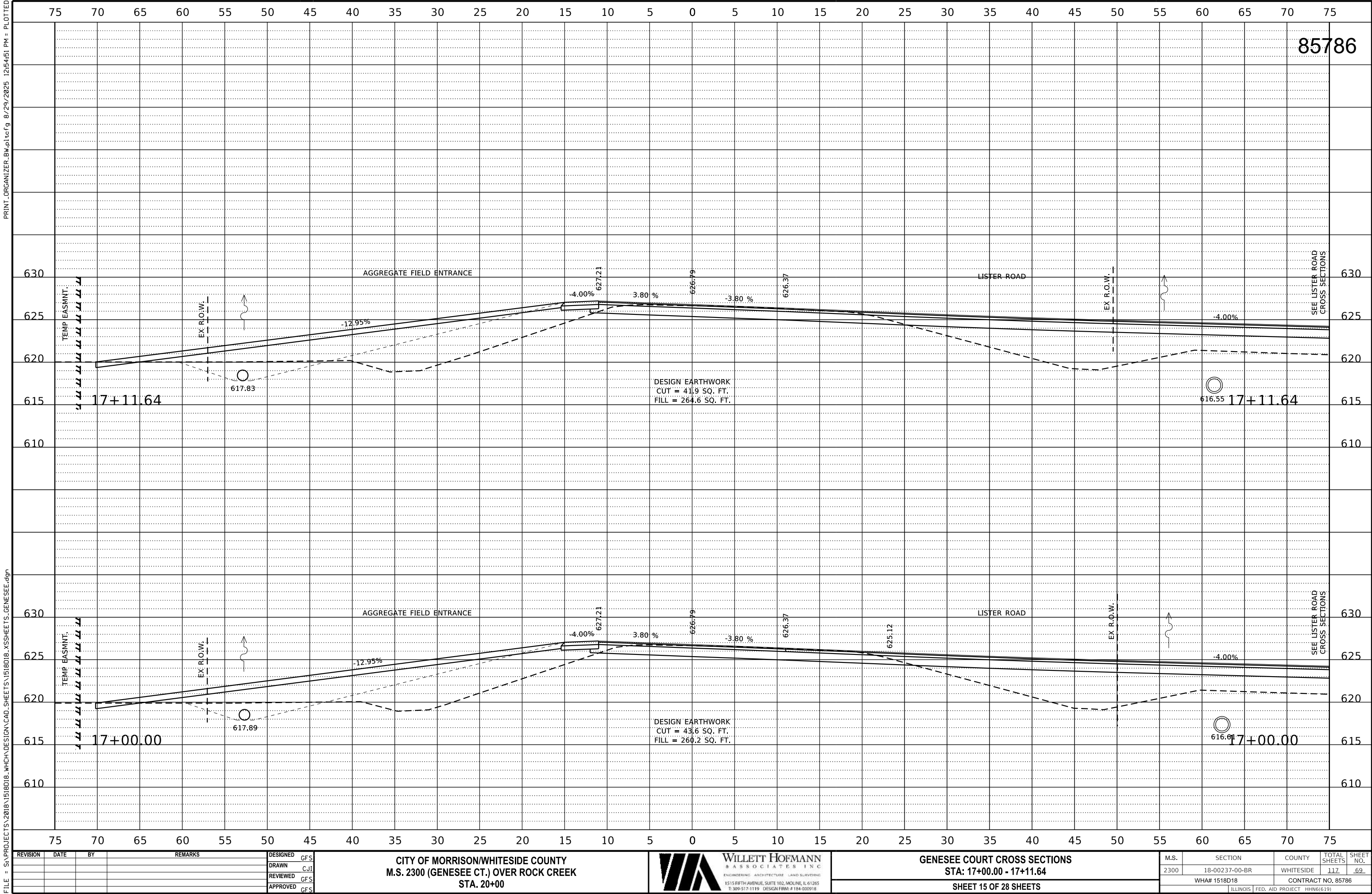
GENESSEE COURT CROSS SECTIONS
STA: 16+50.00 - 16+75.00
SHEET 14 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	68
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



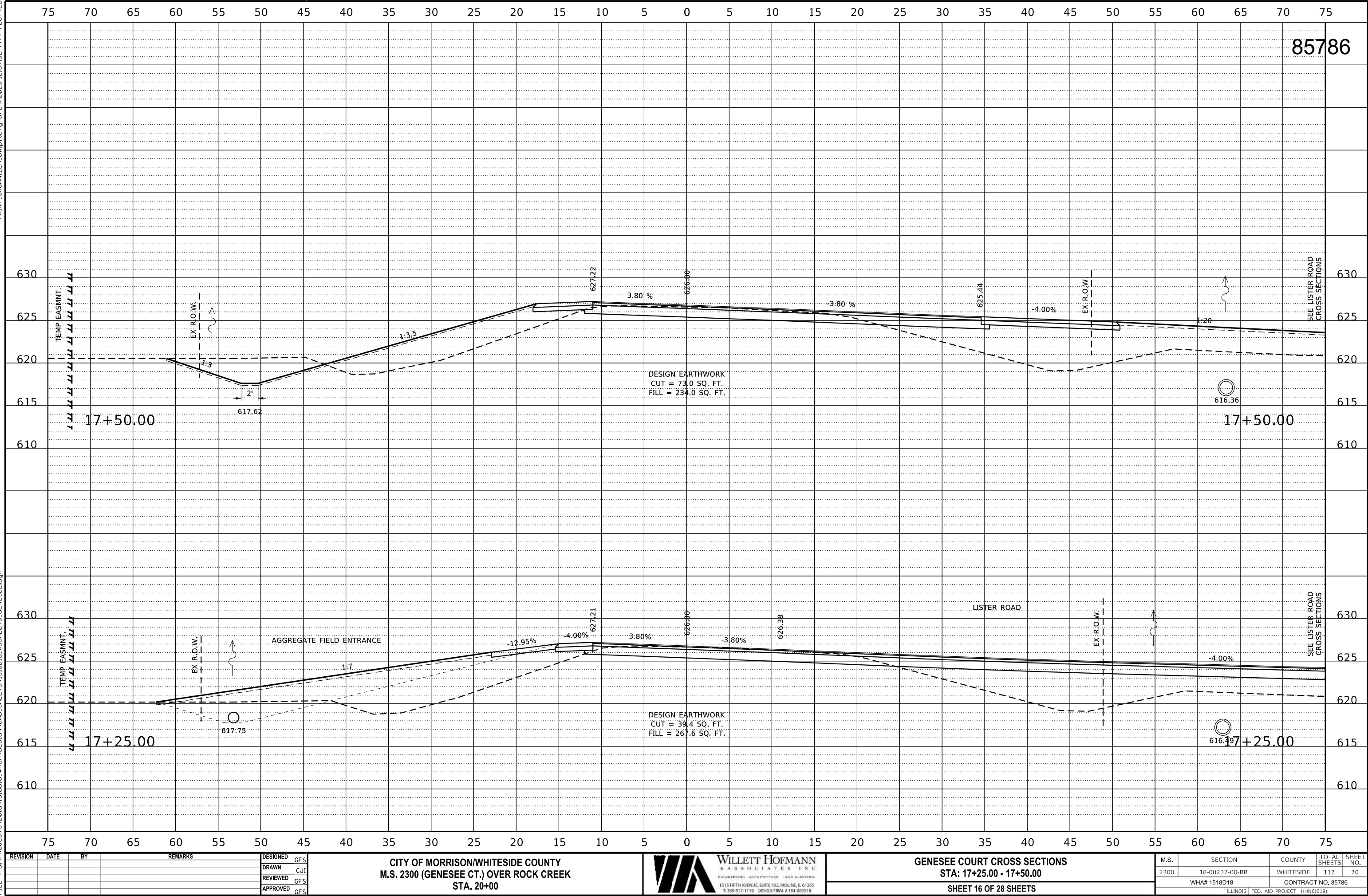
GENESSEE COURT CROSS SECTIONS
STA: 17+00.00 - 17+11.64
SHEET 15 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	<u>117</u>	<u>69</u>
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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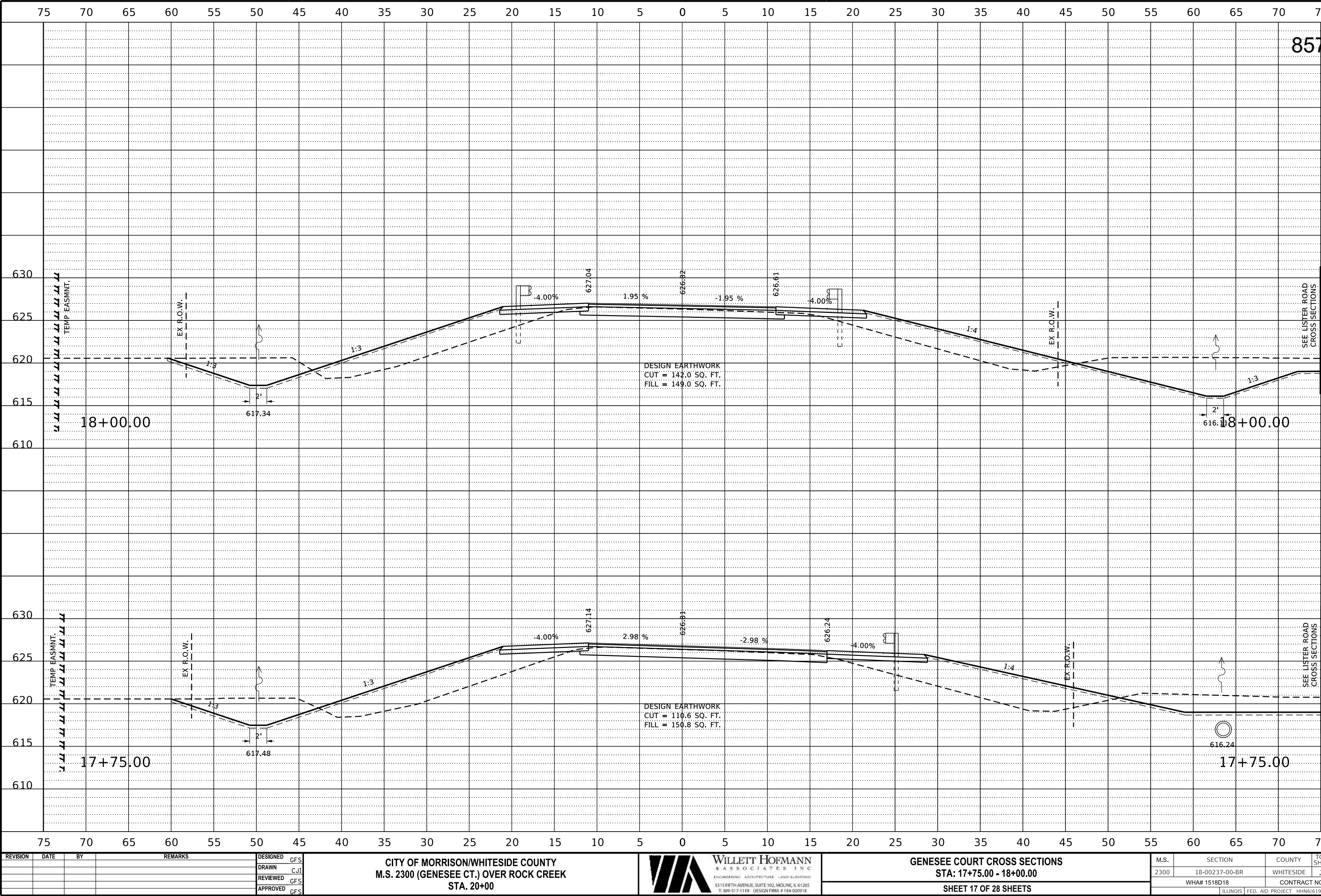
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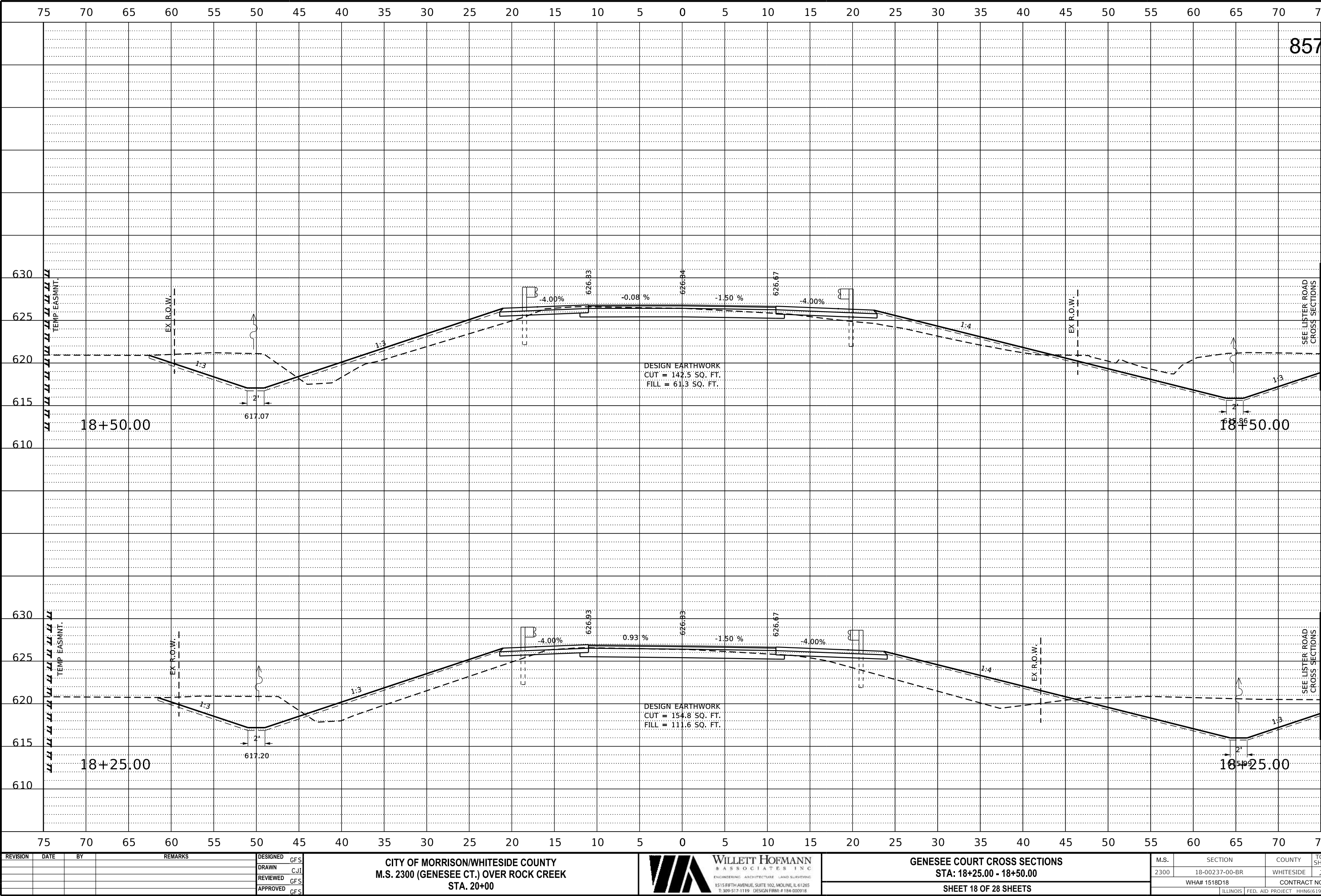
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				DRAWN
				CJI
				REVIEWED
				GFS
				APPROVED
				GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOUNIE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

GENESSEE COURT CROSS SECTIONS
STA: 18+25.00 - 18+50.00

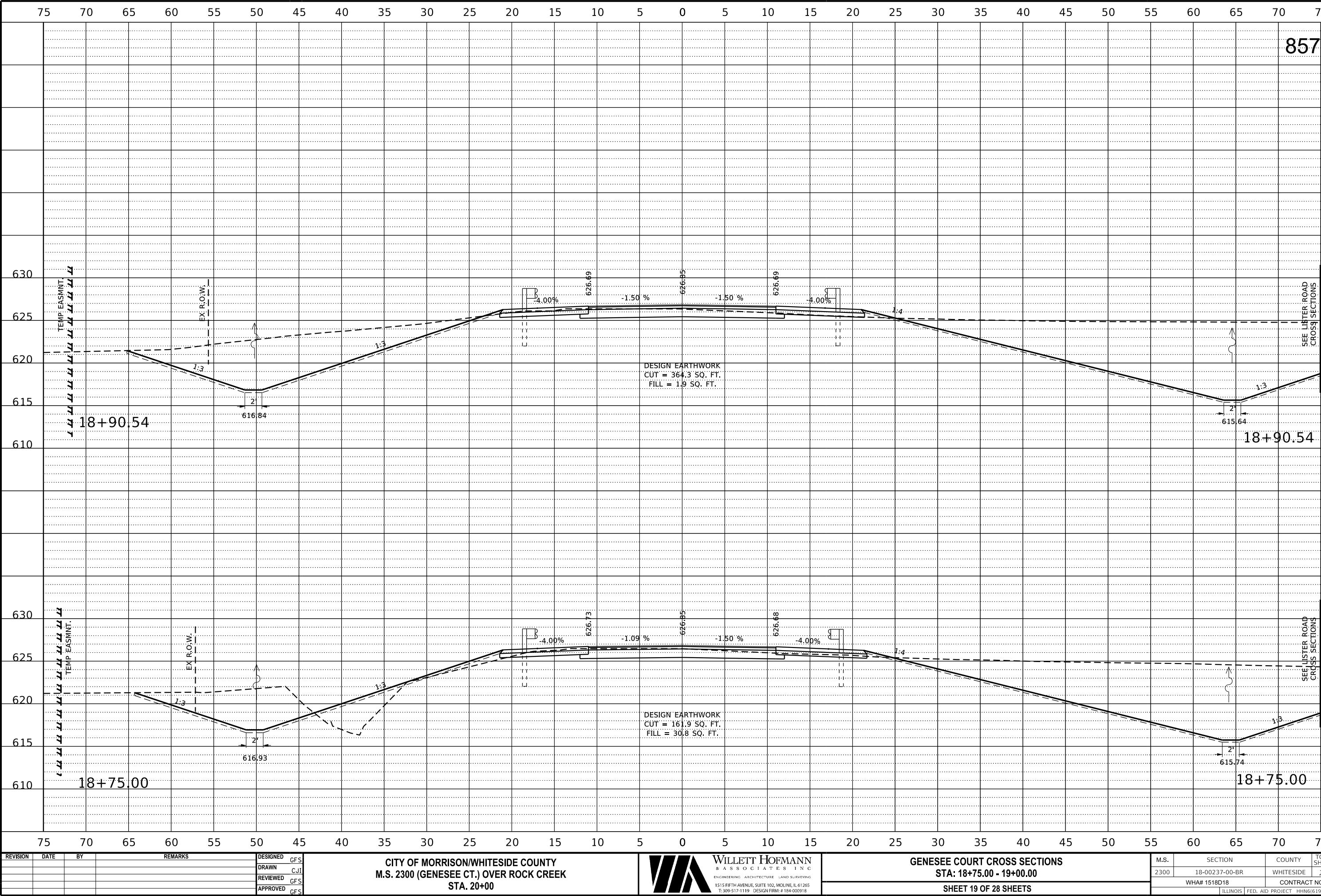
SHEET 18 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	72
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
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WILLET HOFMANN
& ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61265
T: 309-517-1119 DESIGN FIRM: # 184-000918

GENESSEE COURT CROSS SECTIONS
STA: 18+75.00 - 19+00.00

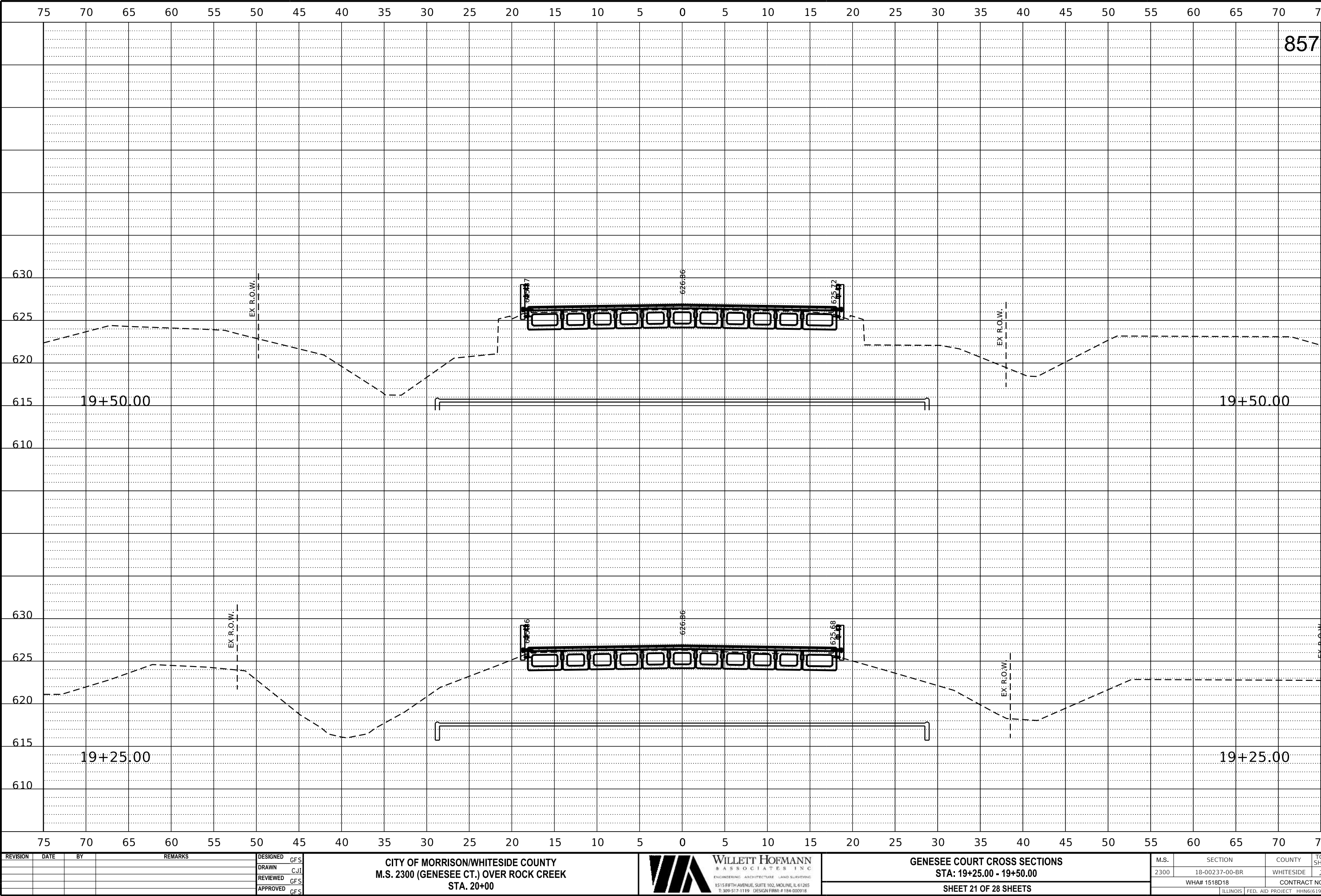
SHEET 19 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



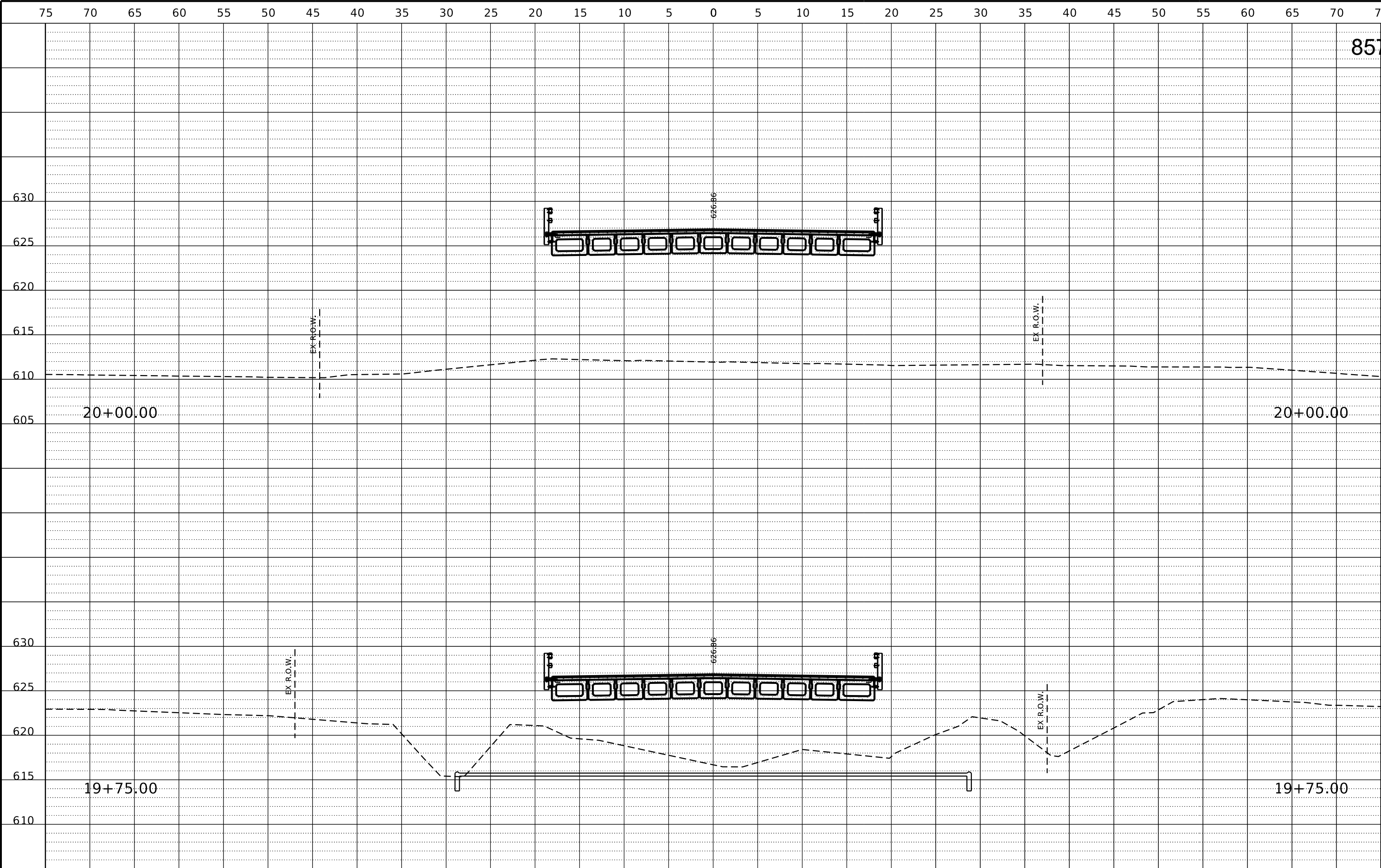
GENESSEE COURT CROSS SECTIONS
STA: 19+25.00 - 19+50.00
SHEET 21 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	75
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



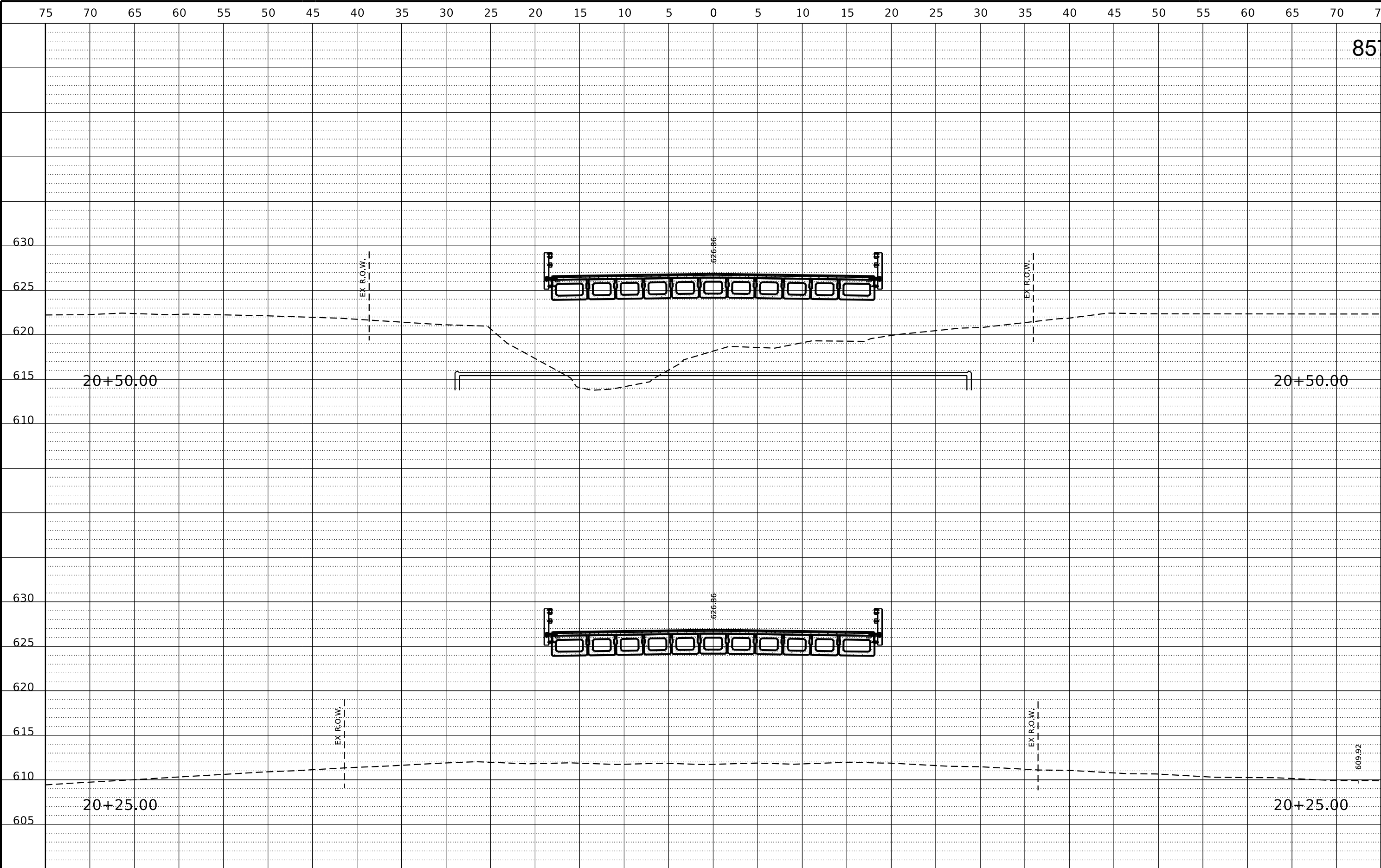
GENESEE COURT CROSS SECTIONS
STA: 19+75.00 - 20+00.00
SHEET 22 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	76
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



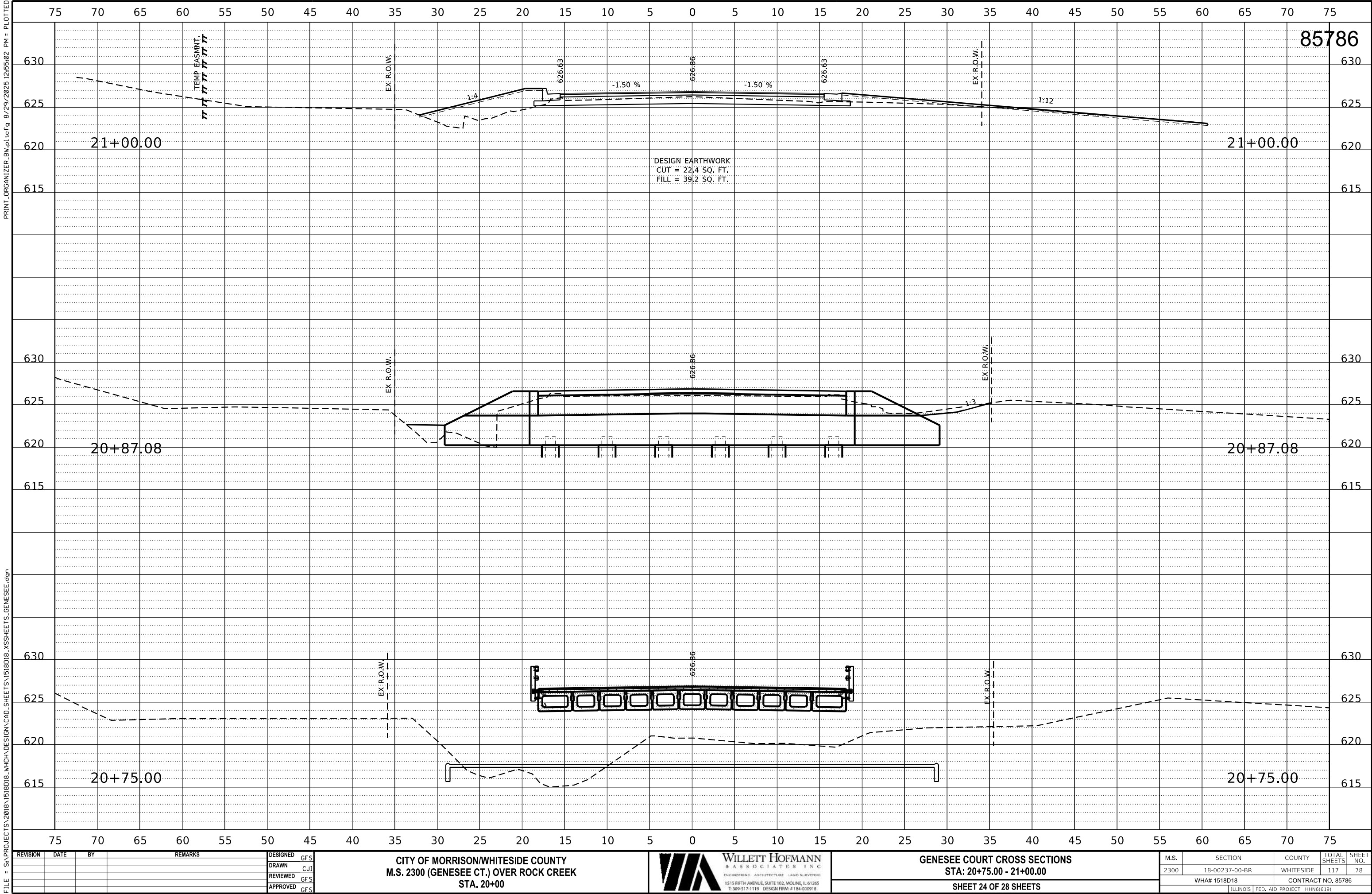
GENESSEE COURT CROSS SECTIONS
STA: 20+25.00 - 20+50.00
SHEET 23 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	77
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
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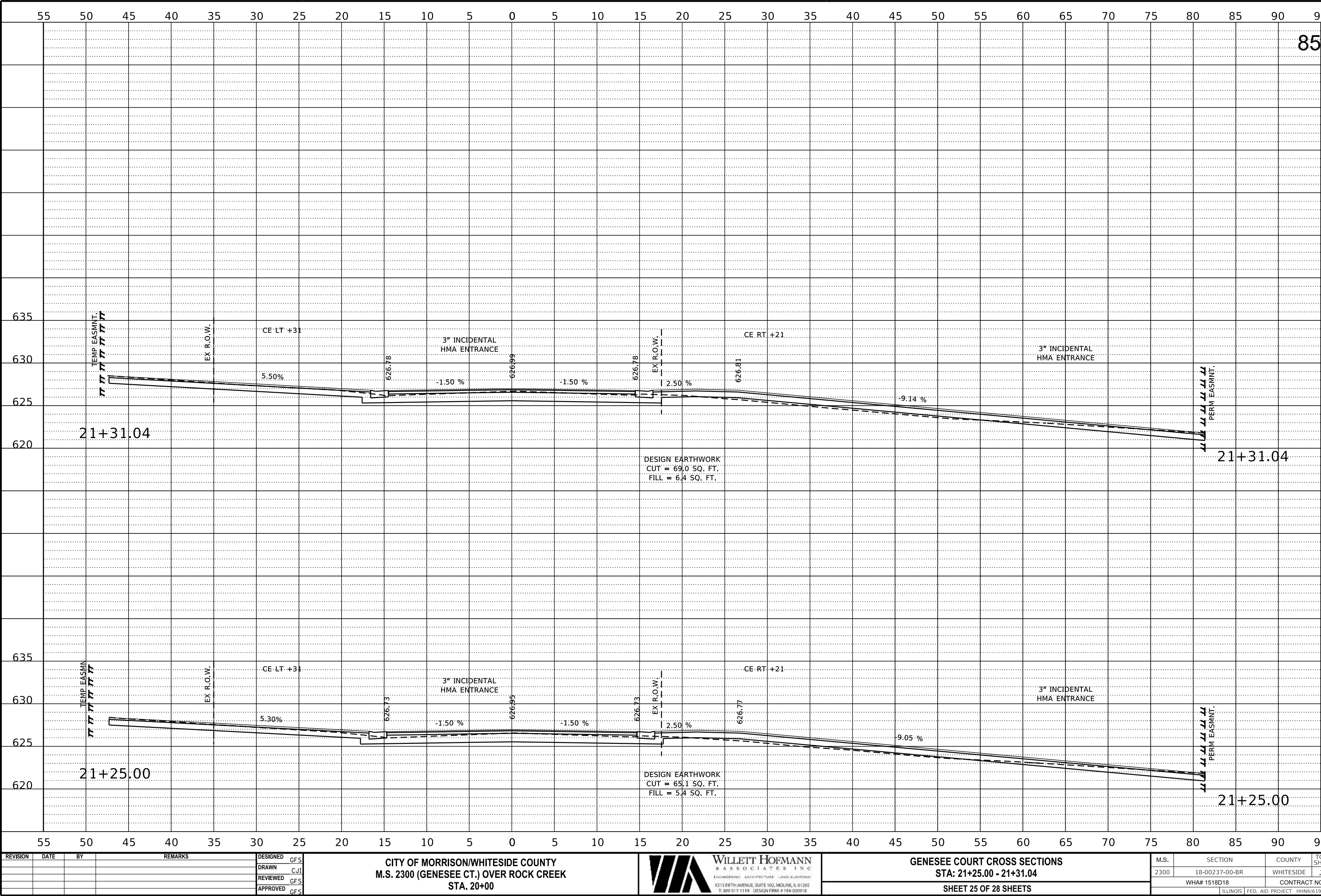
GENESSEE COURT CROSS SECTIONS
STA: 20+75.00 - 21+00.00
SHEET 24 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	78
WHA# 1518D18		CONTRACT NO. 85786		
		ILLINOIS FED. AID PROJECT HHN6(619)		

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DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



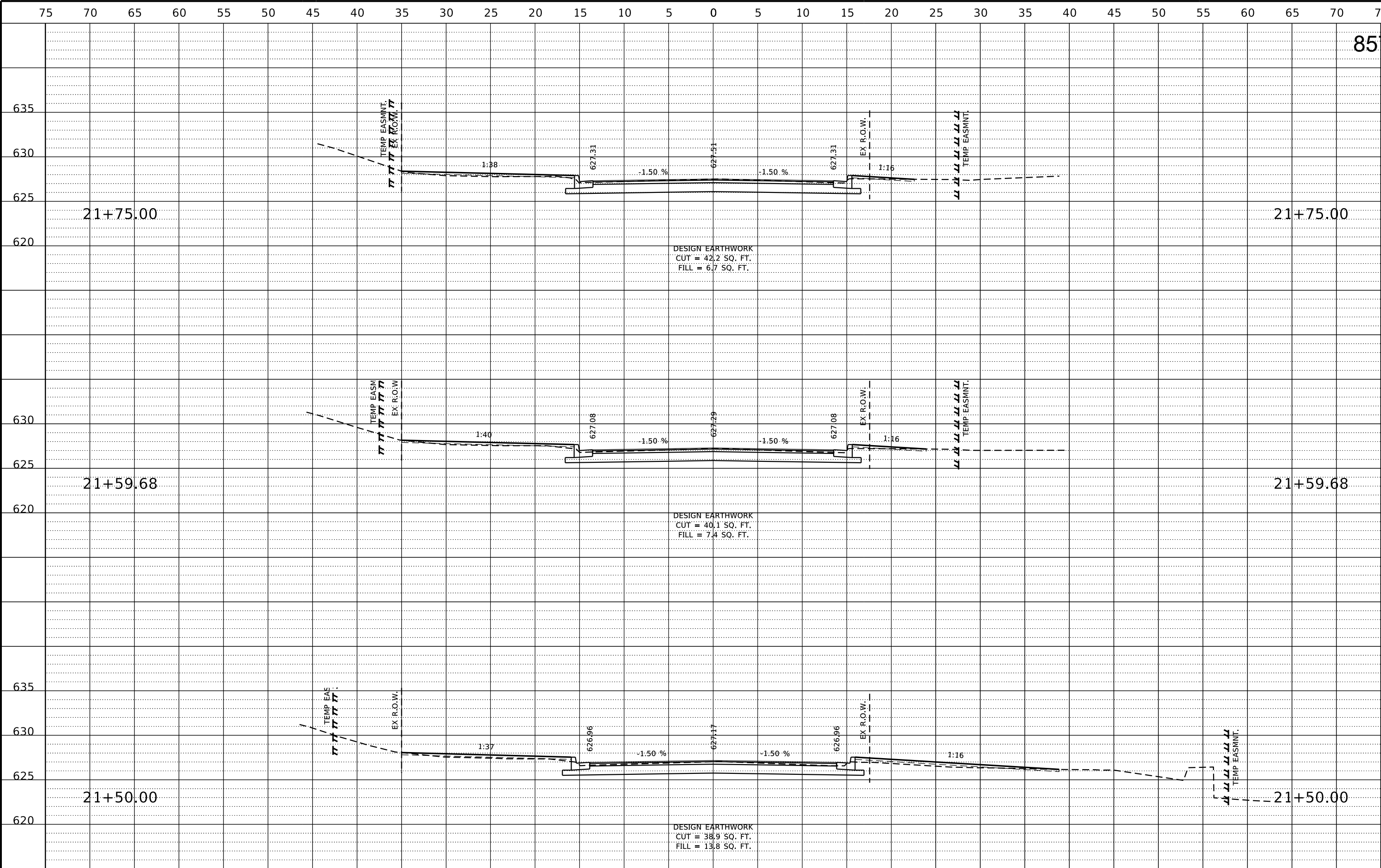
GENESSEE COURT CROSS SECTIONS
STA: 21+25.00 - 21+31.04
SHEET 25 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	79
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



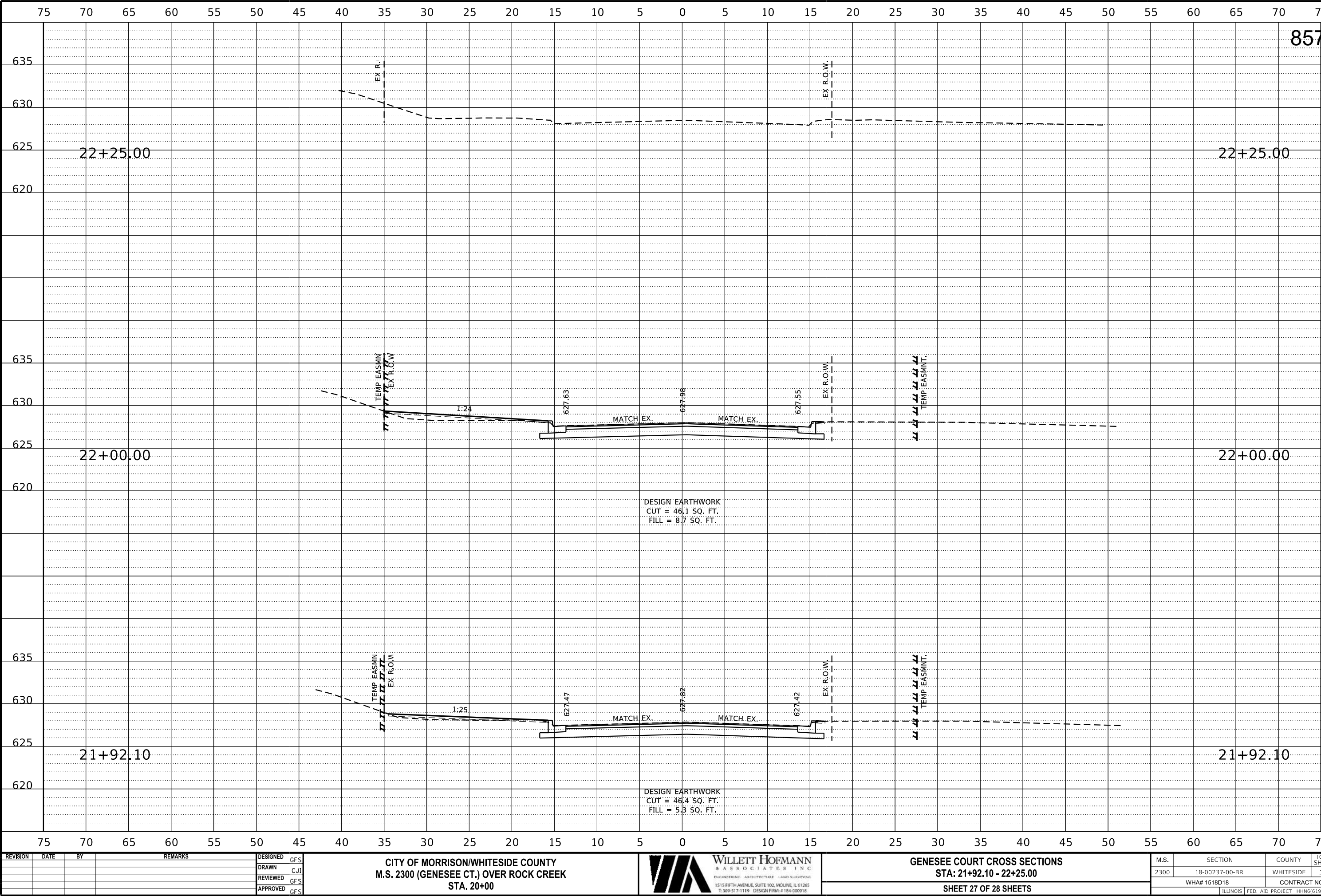
GENESEE COURT CROSS SECTIONS
STA: 21+50.00 - 21+75.00
SHEET 26 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	80
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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APPROVED	GFS		

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



GENESSEE COURT CROSS SECTIONS
STA: 21+92.10 - 22+25.00

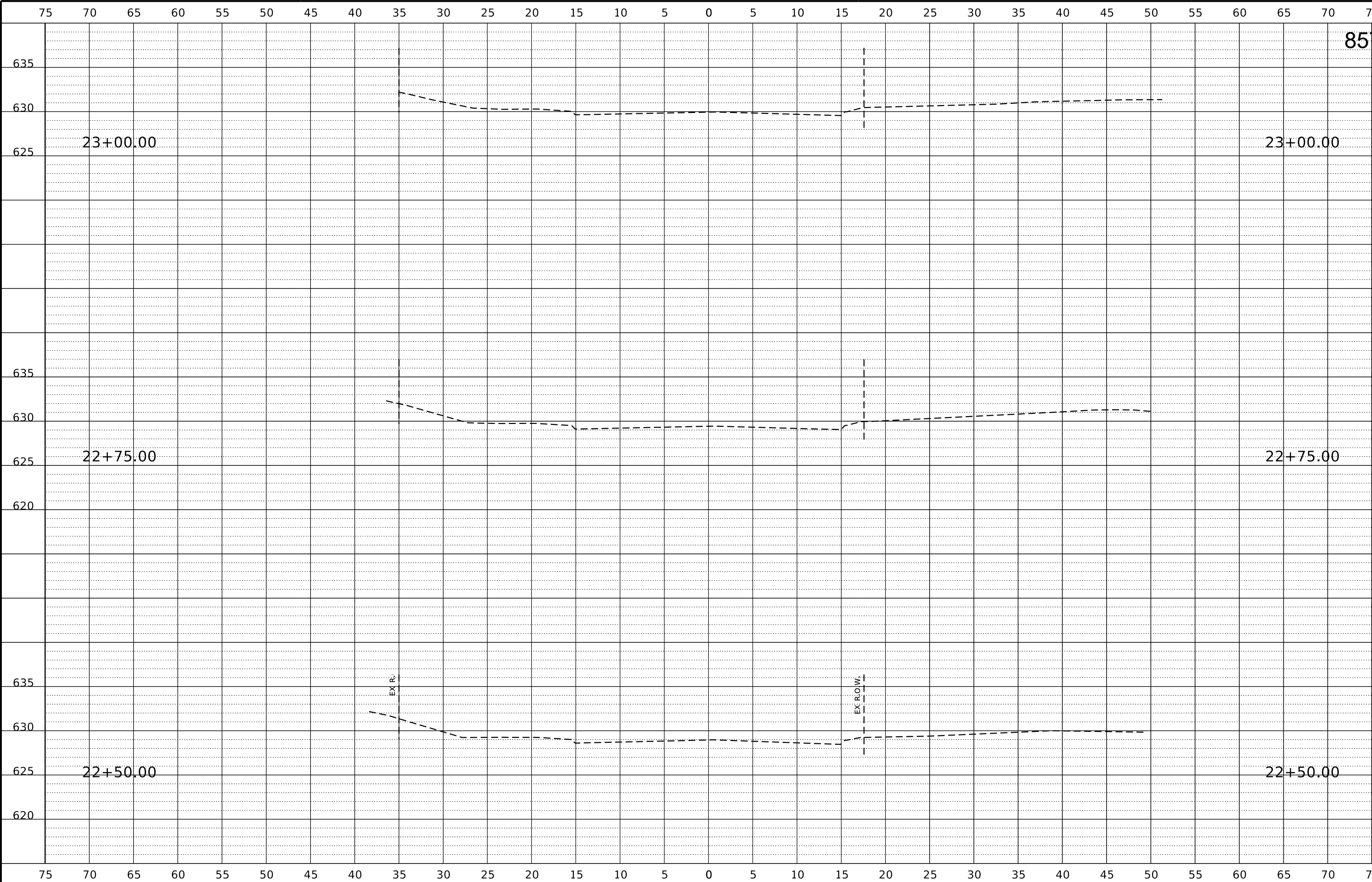
SHEET 27 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	81
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



WILLET-HOFMANN & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOUNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

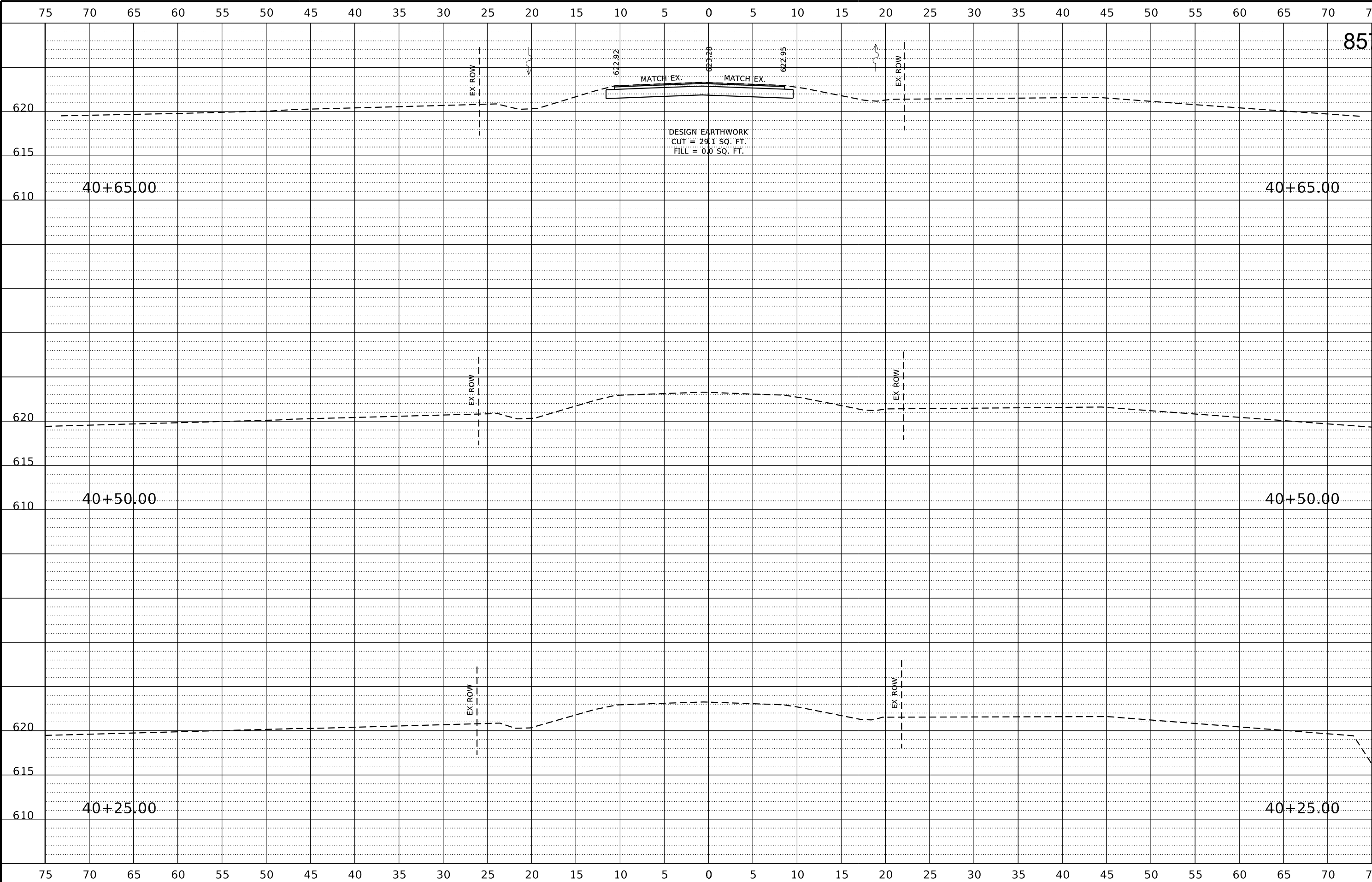
GENESSEE COURT CROSS SECTIONS
STA: 22+50.00 - 23+00.00
SHEET 28 OF 28 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	82
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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85786

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DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



WILLETT HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOULNE, IL 61265
T: 309-517-1119 DESIGN FIRM # 184-000918

CROSS SECTIONS LISTER ROAD
STA: 40+25.00 - 40+65.00

SHEET 1 OF 20 SHEETS

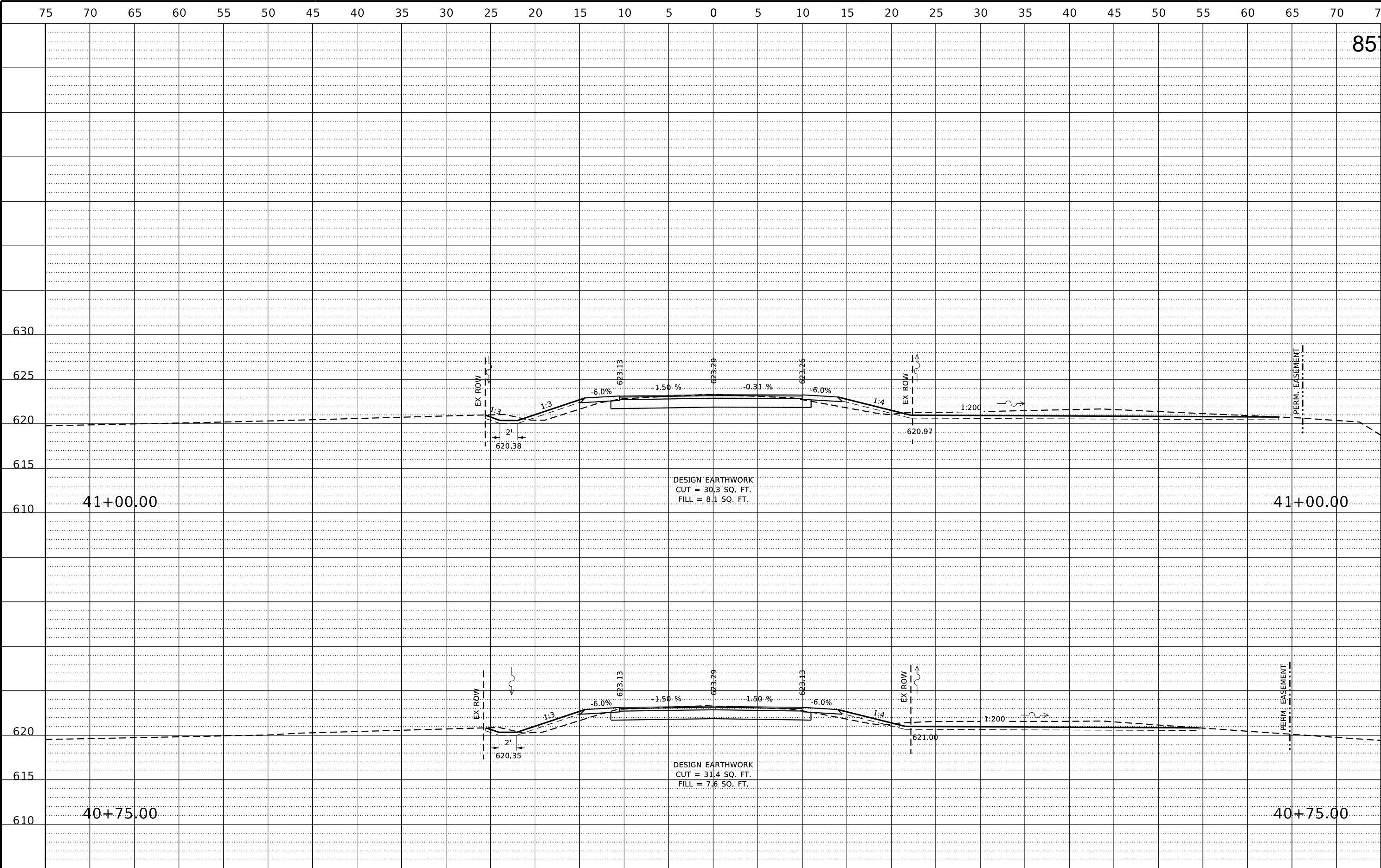
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	83
WHA# 1518D18		CONTRACT NO. 85786		

ILLINOIS FED. AID PROJECT HHN6(619)

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DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



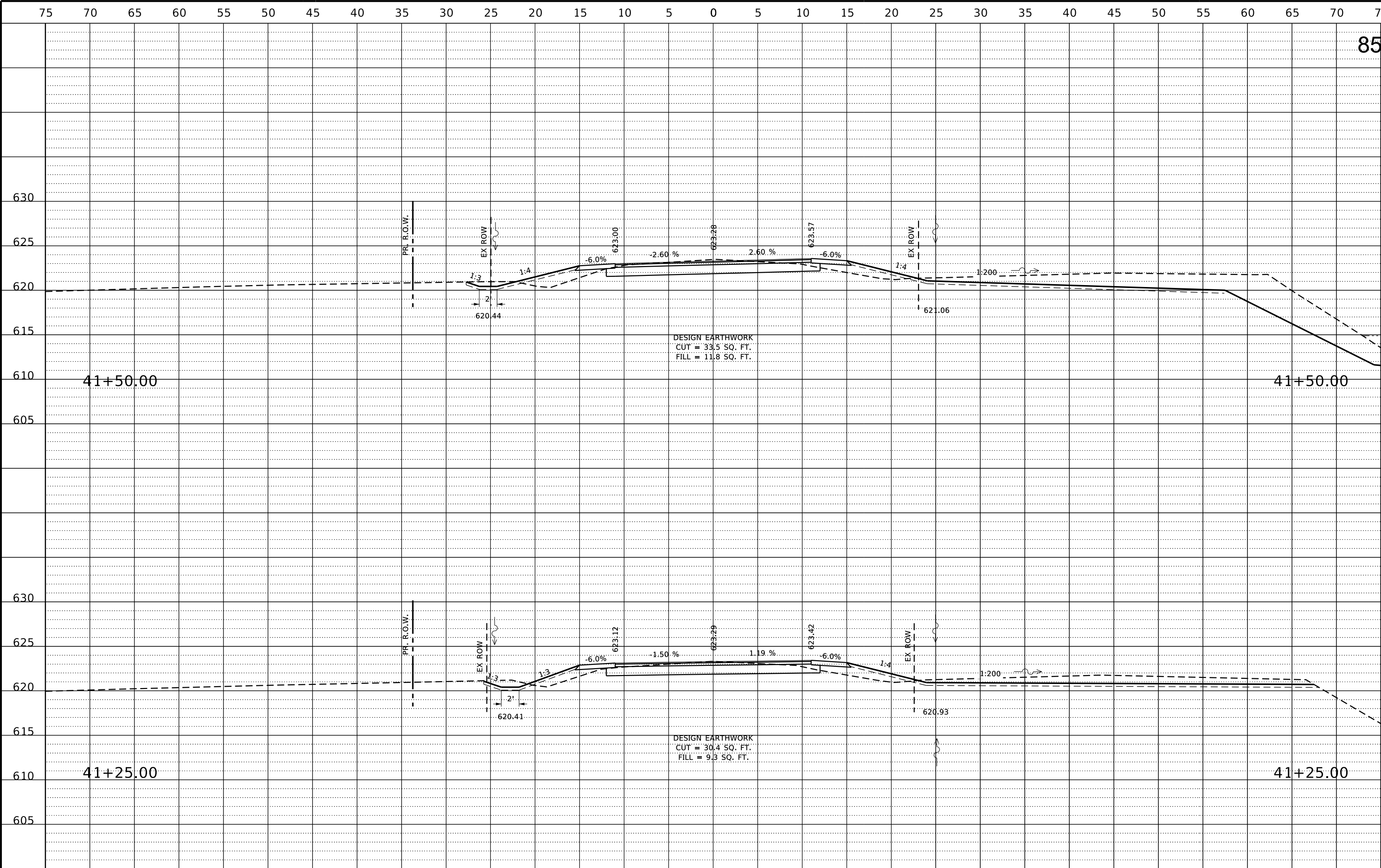
CROSS SECTIONS LISTER ROAD
STA: 40+75.00 - 41+00.00
SHEET 2 OF 20 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	84
WHA# 1518D18		CONTRACT NO. 85786		
		ILLINOIS FED. AID PROJECT HHN6(619)		

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



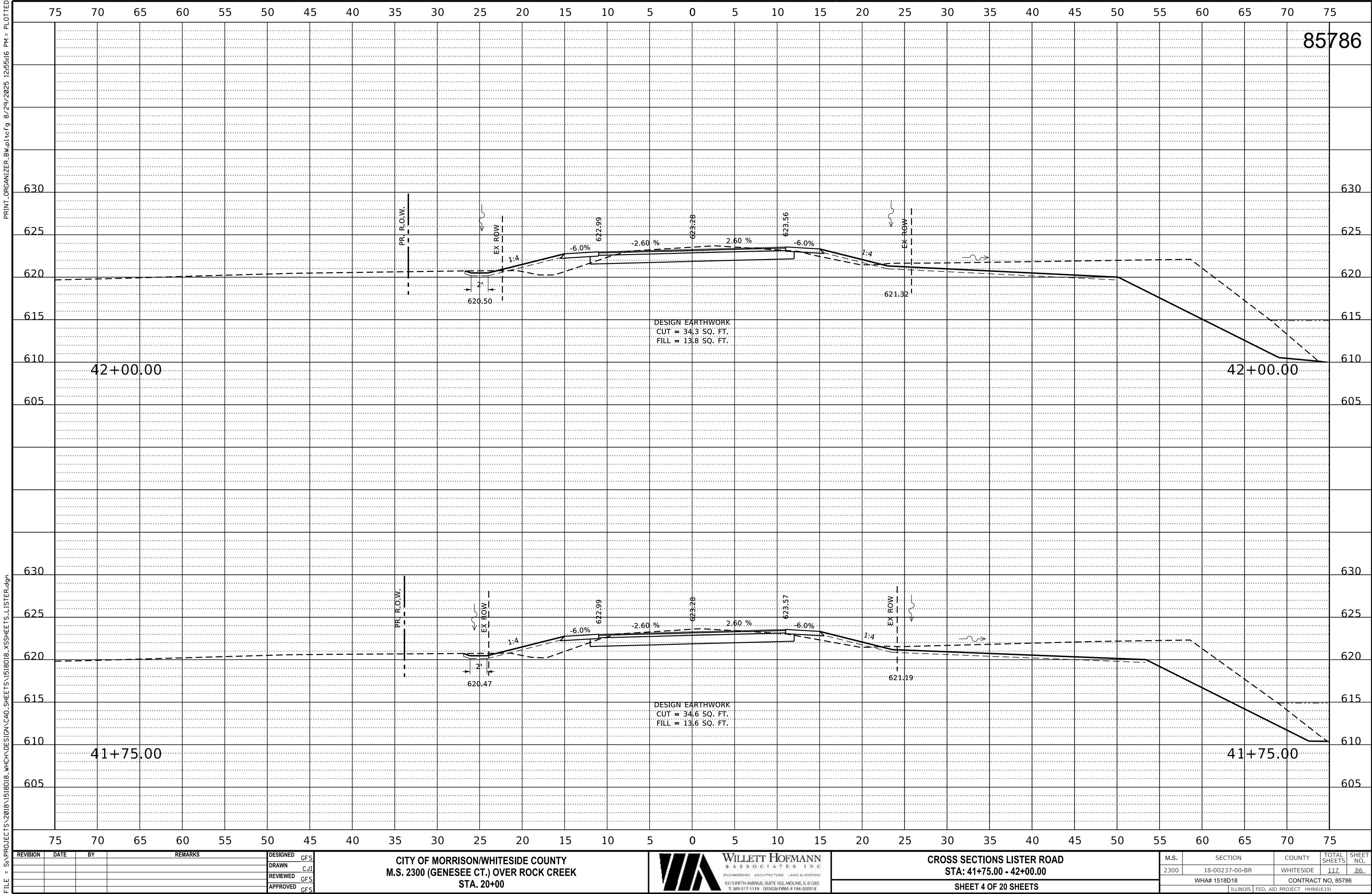
CROSS SECTIONS LISTER ROAD
STA: 41+25.00 - 41+50.00
SHEET 3 OF 20 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	85
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



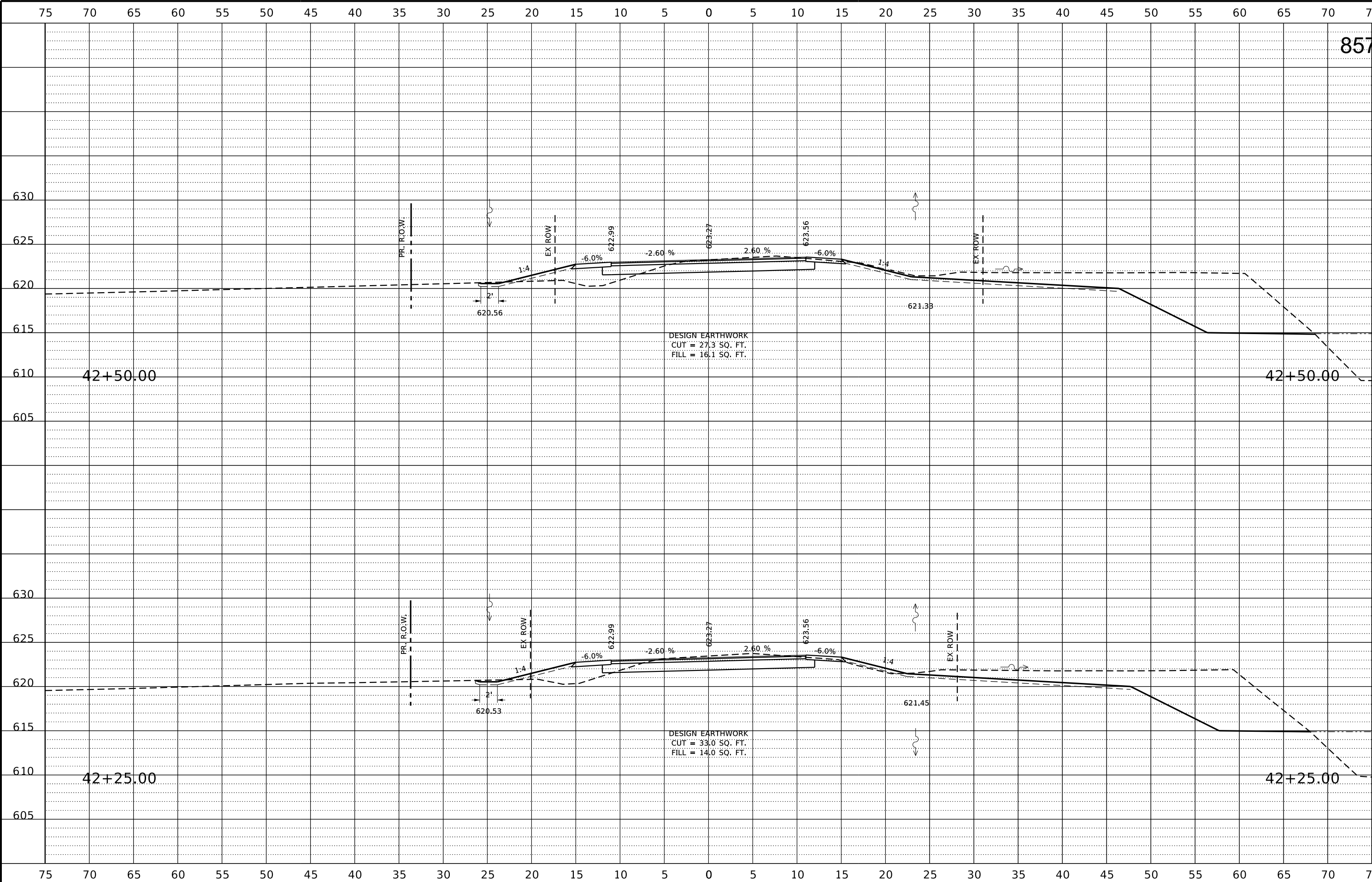
CROSS SECTIONS LISTER ROAD
STA: 41+75.00 - 42+00.00
SHEET 4 OF 20 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	86
WHA# 1518D18		CONTRACT NO. 85786		
		ILLINOIS FED. AID PROJECT HHN6(619)		

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



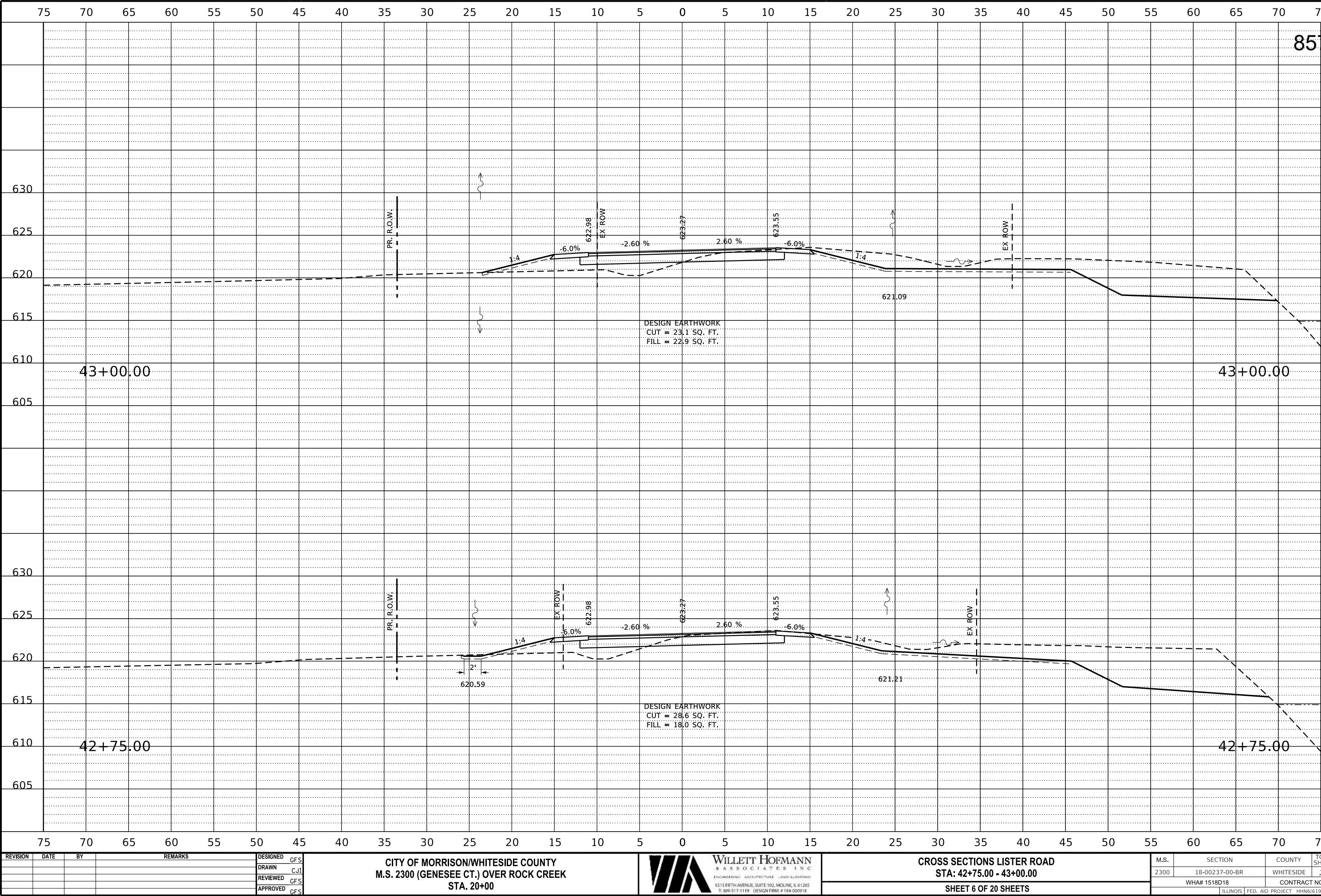
CROSS SECTIONS LISTER ROAD
STA: 42+25.00 - 42+50.00
SHEET 5 OF 20 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	87
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



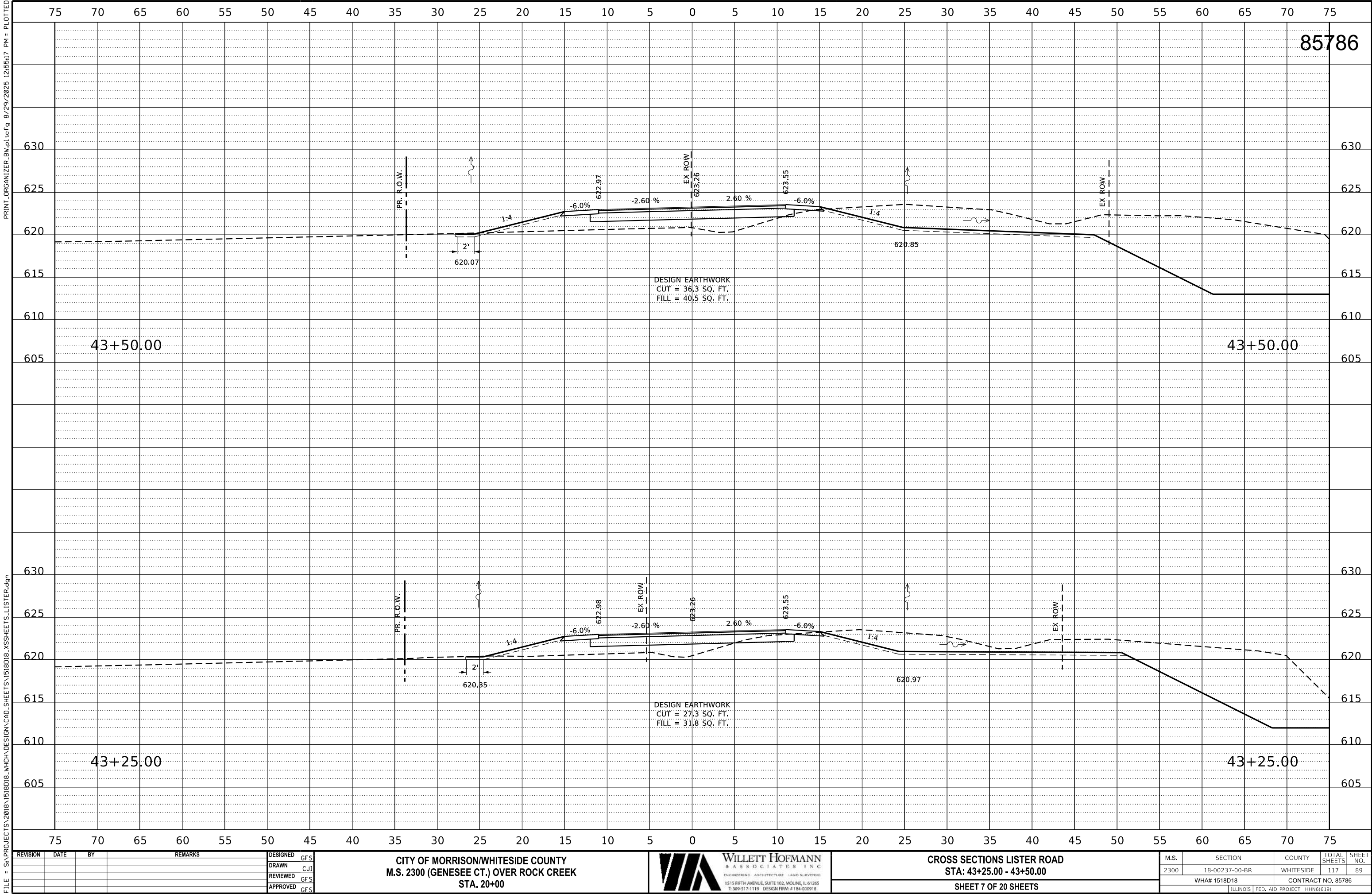
CROSS SECTIONS LISTER ROAD
STA: 42+75.00 - 43+00.00
SHEET 6 OF 20 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	88
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



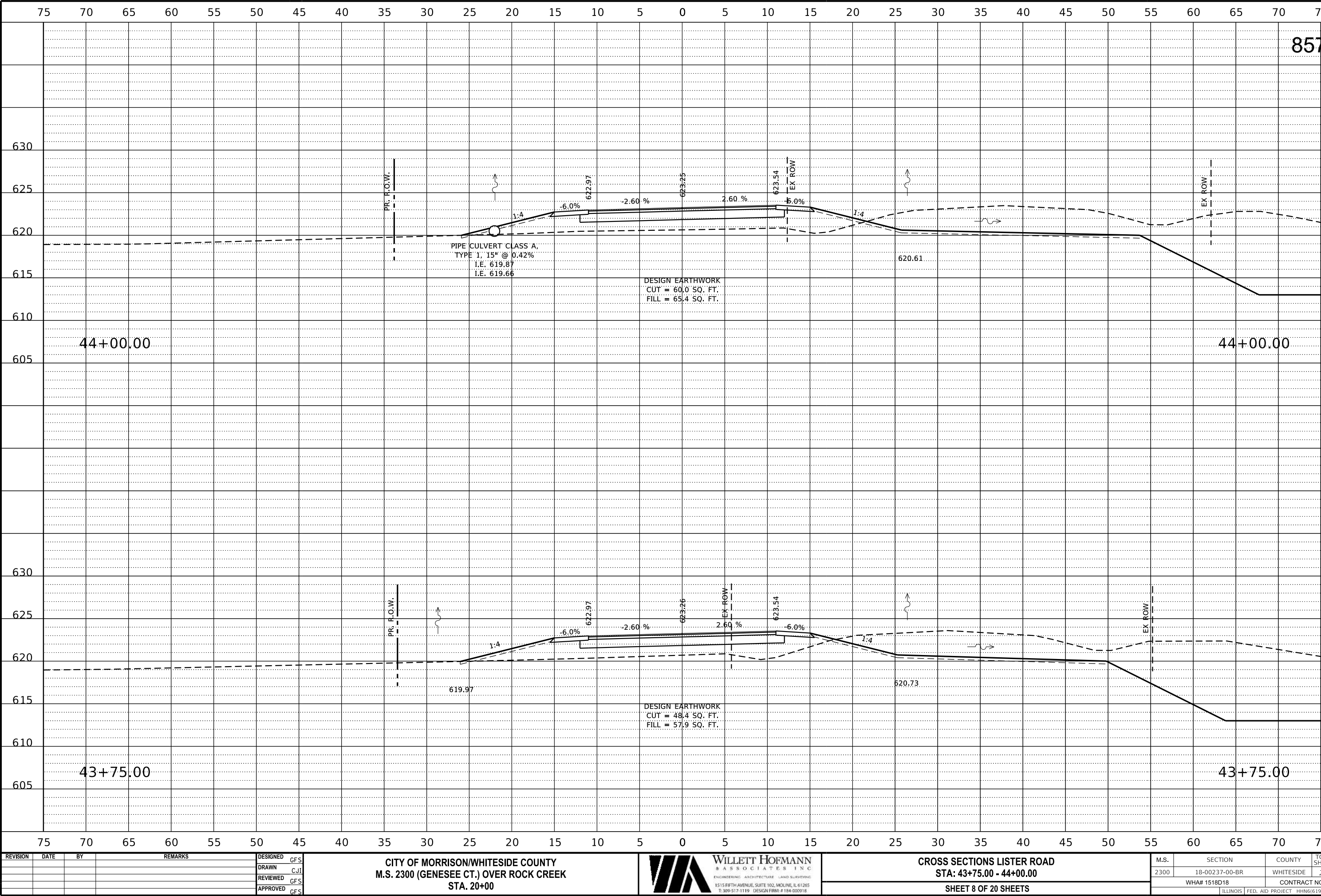
CROSS SECTIONS LISTER ROAD
STA: 43+25.00 - 43+50.00
SHEET 7 OF 20 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	89
WHA# 1518D18		CONTRACT NO. 85786		
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REVIEWED	GFS
APPROVED	GFS

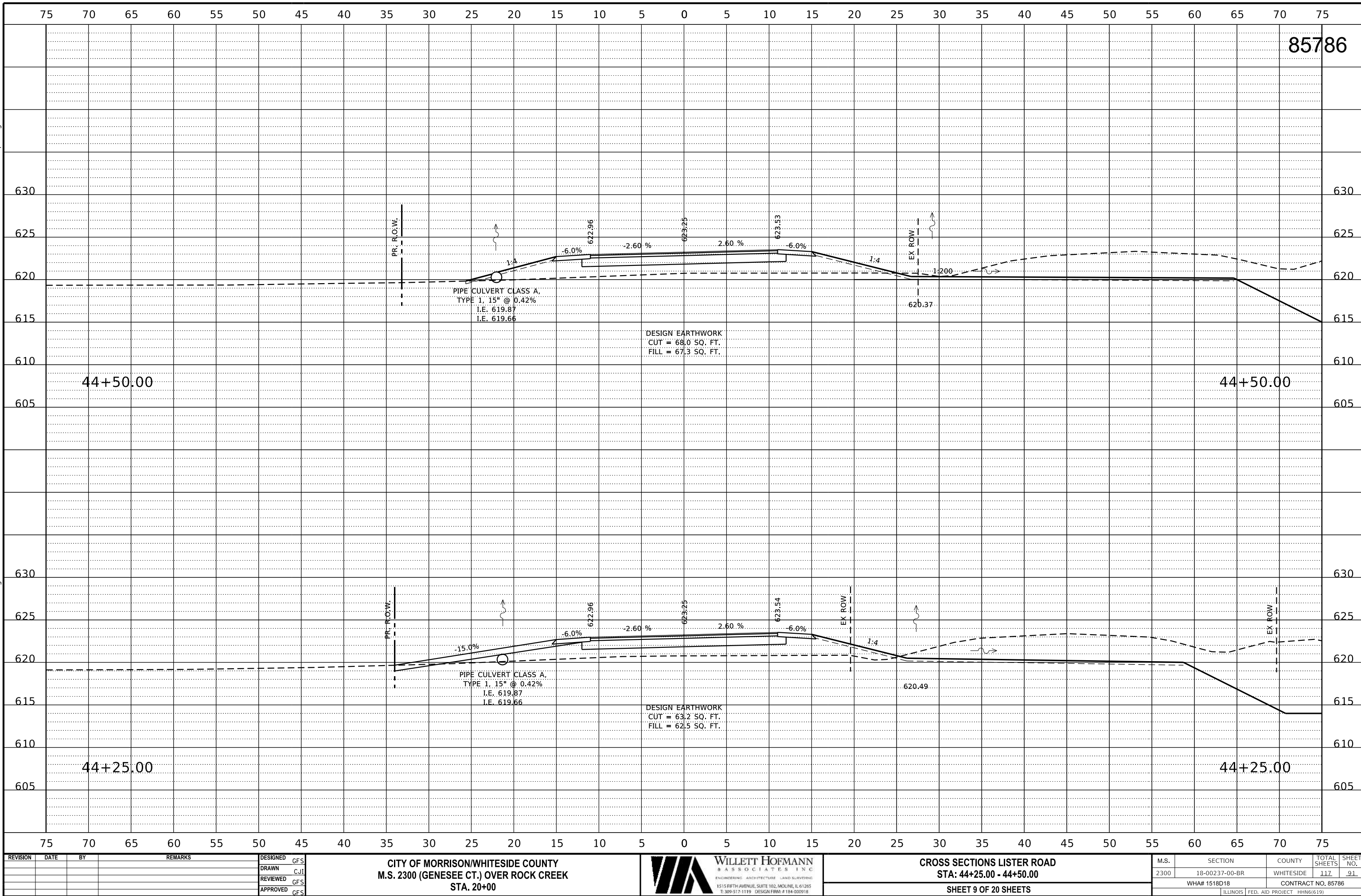
CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



CROSS SECTIONS LISTER ROAD
STA: 43+75.00 - 44+00.00
SHEET 8 OF 20 SHEETS

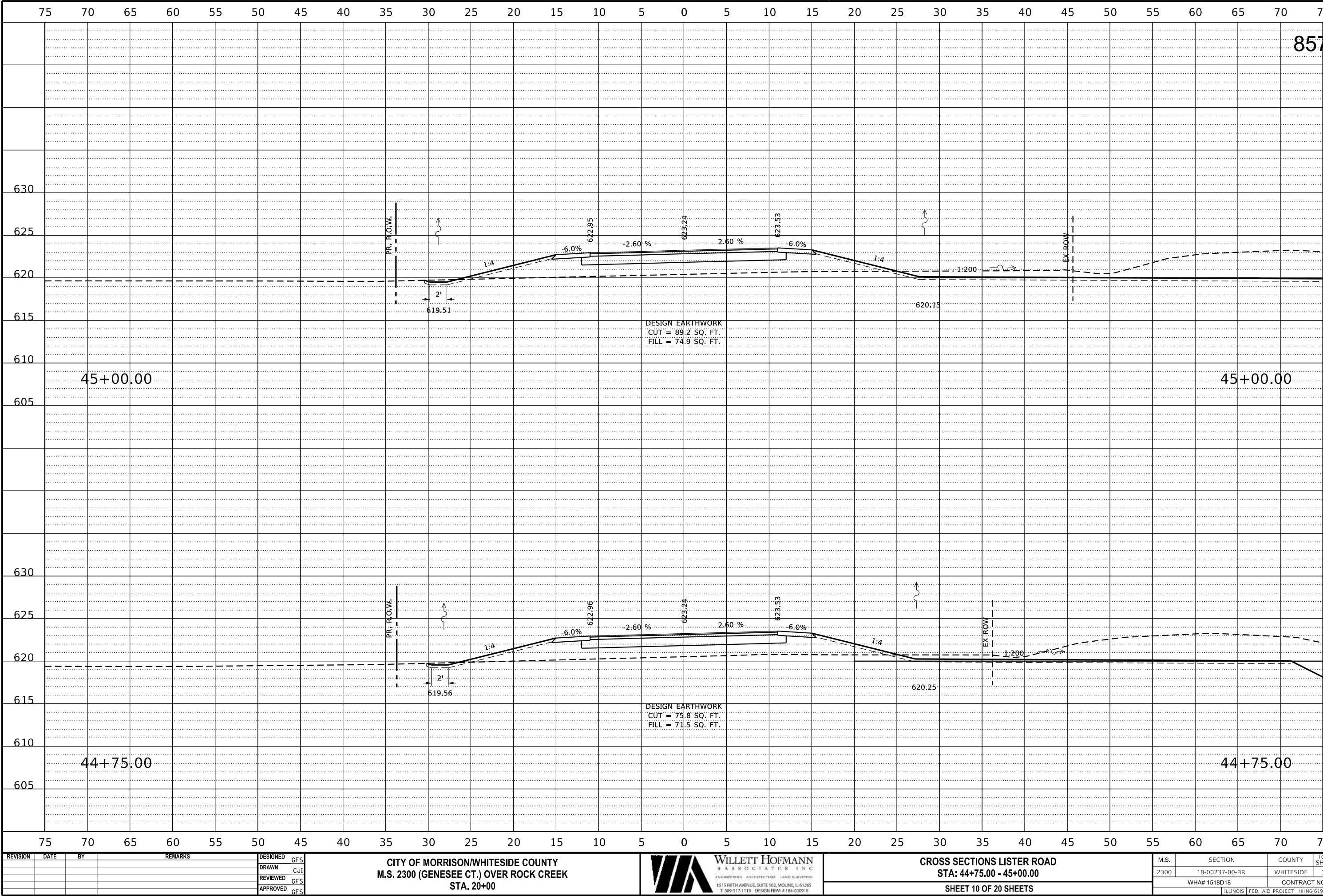
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	90
WHA# 1518D18		CONTRACT NO. 85786		
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REVIEWED	GFS
APPROVED	GFS

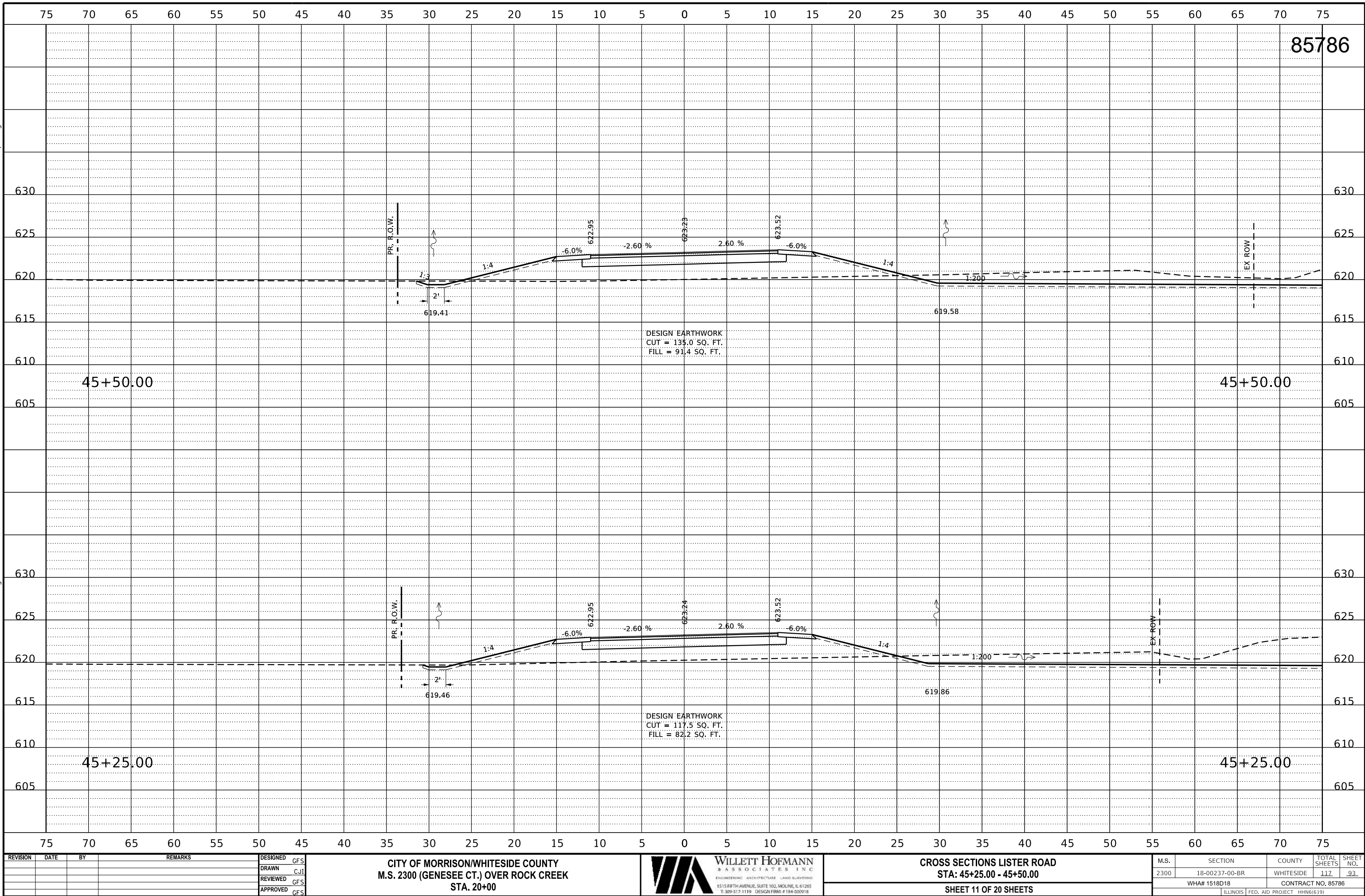
CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



CROSS SECTIONS LISTER ROAD
STA: 44+75.00 - 45+00.00
SHEET 10 OF 20 SHEETS

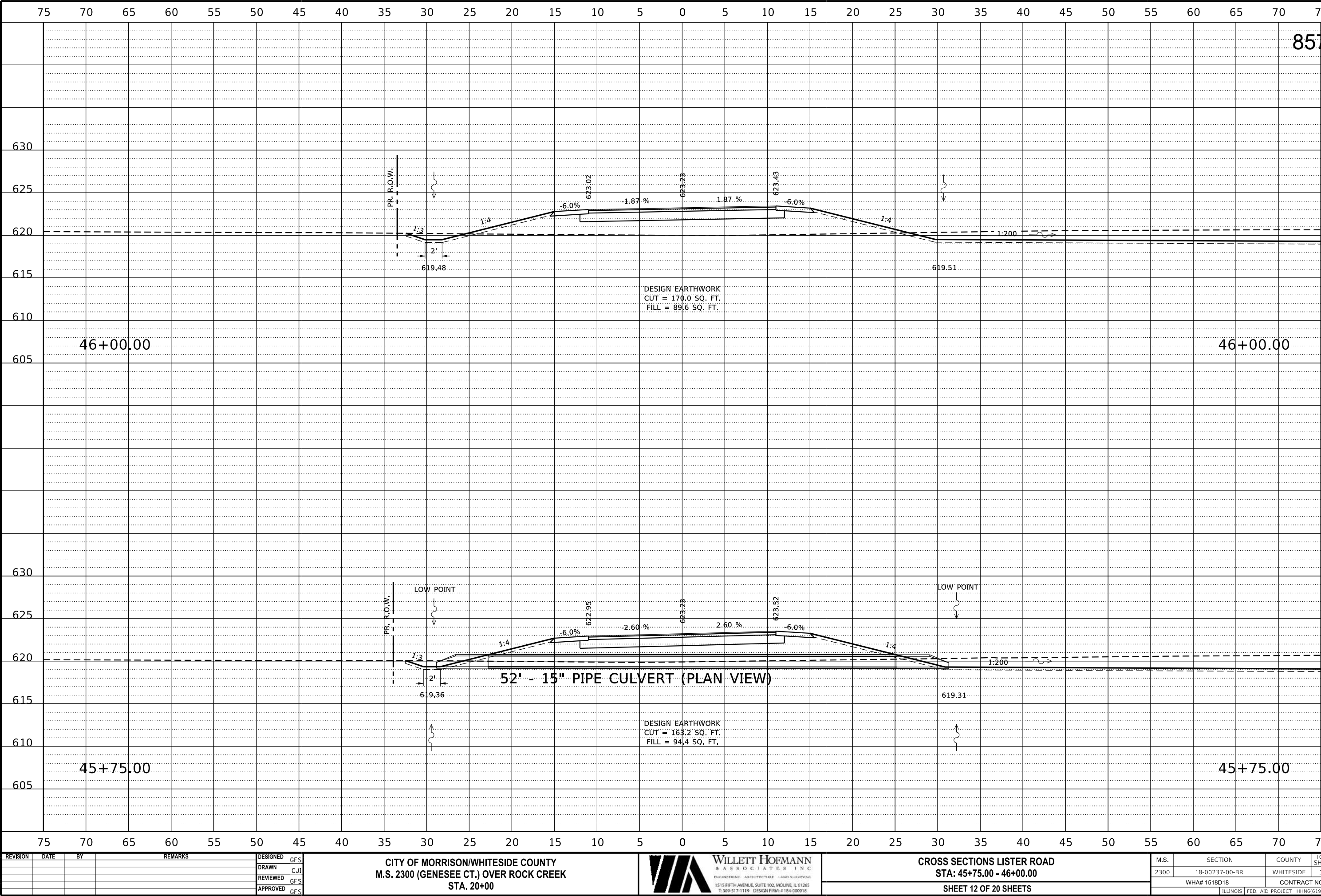
M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	92
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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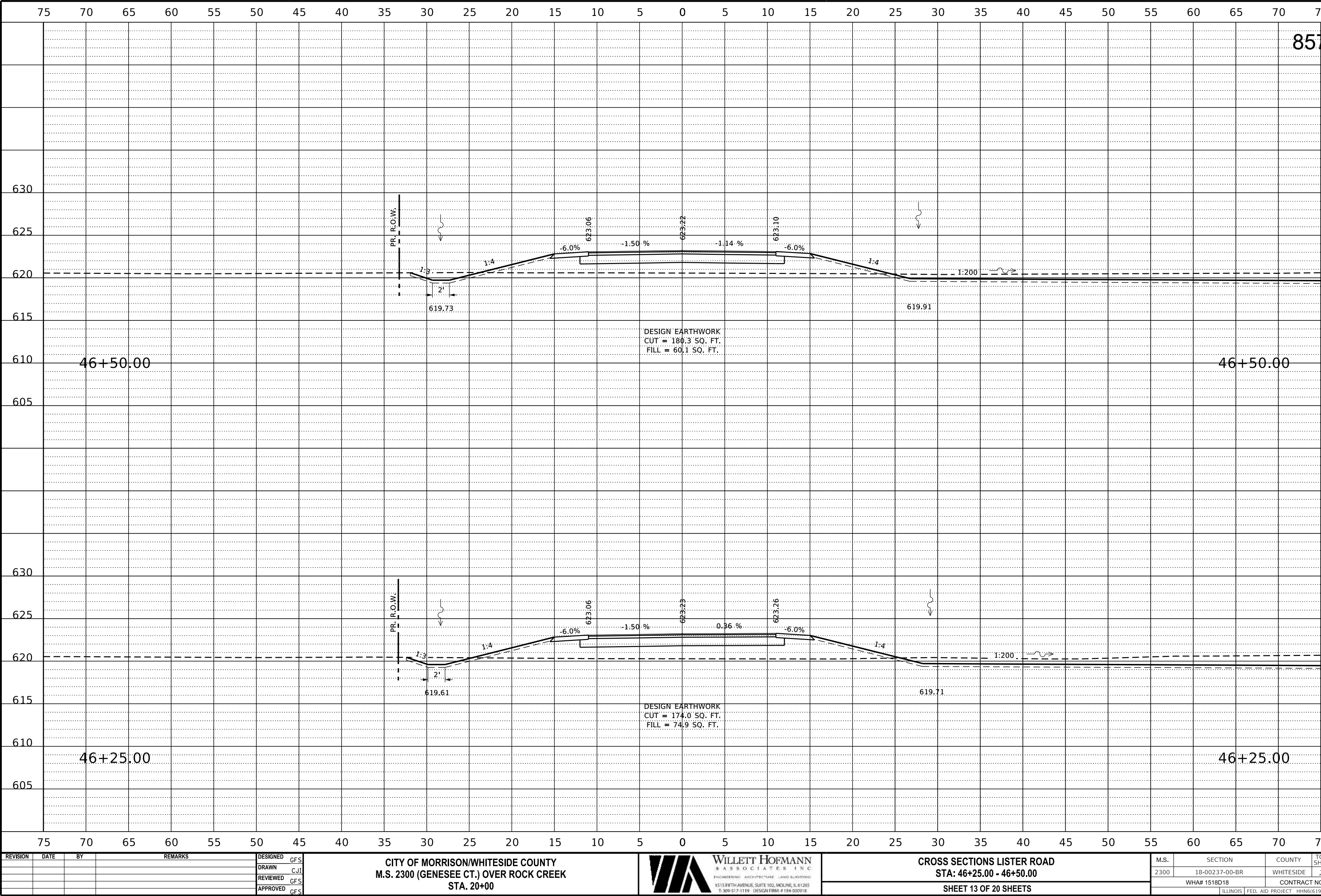
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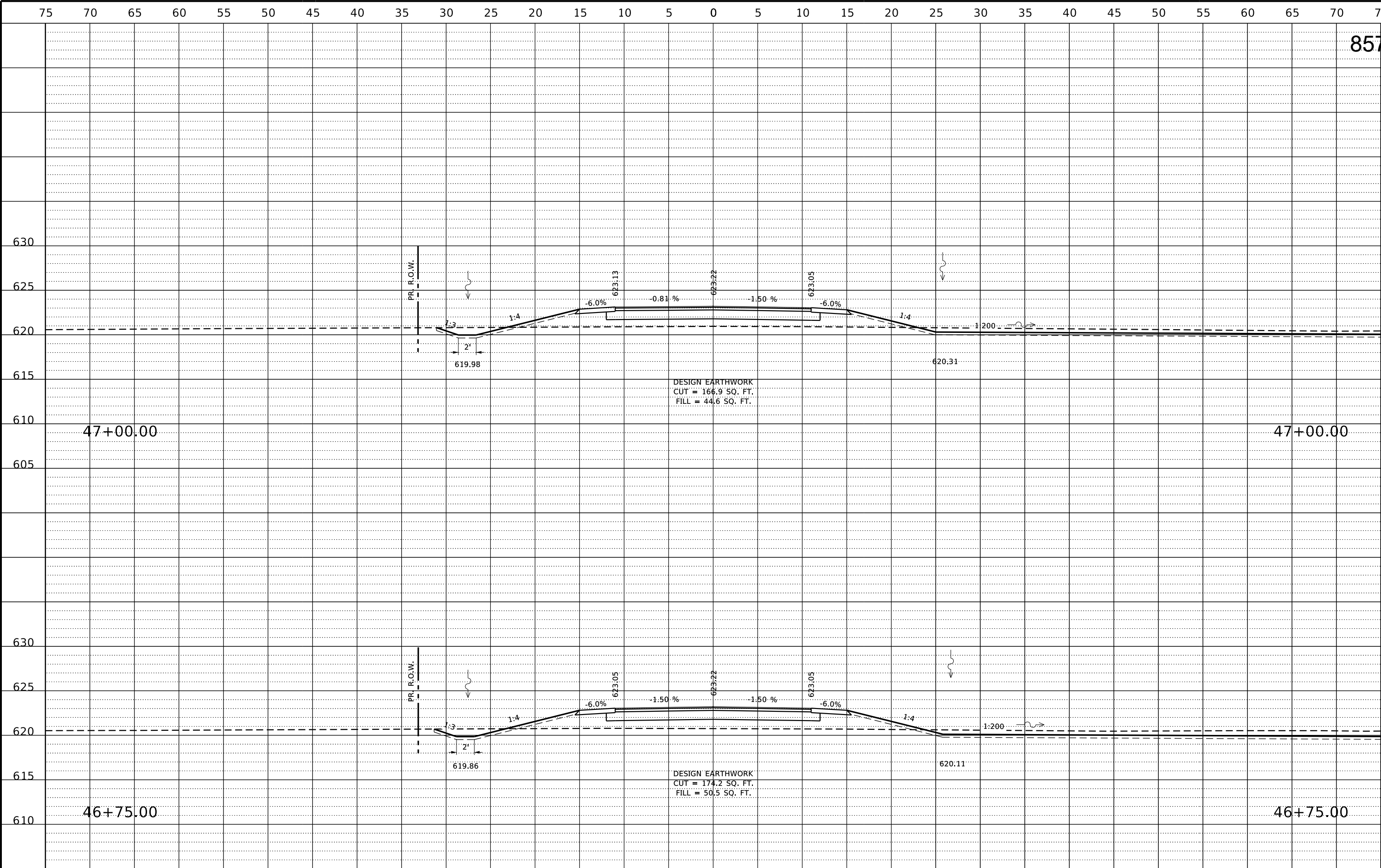
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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESSEE CT.) OVER ROCK CREEK
STA. 20+00



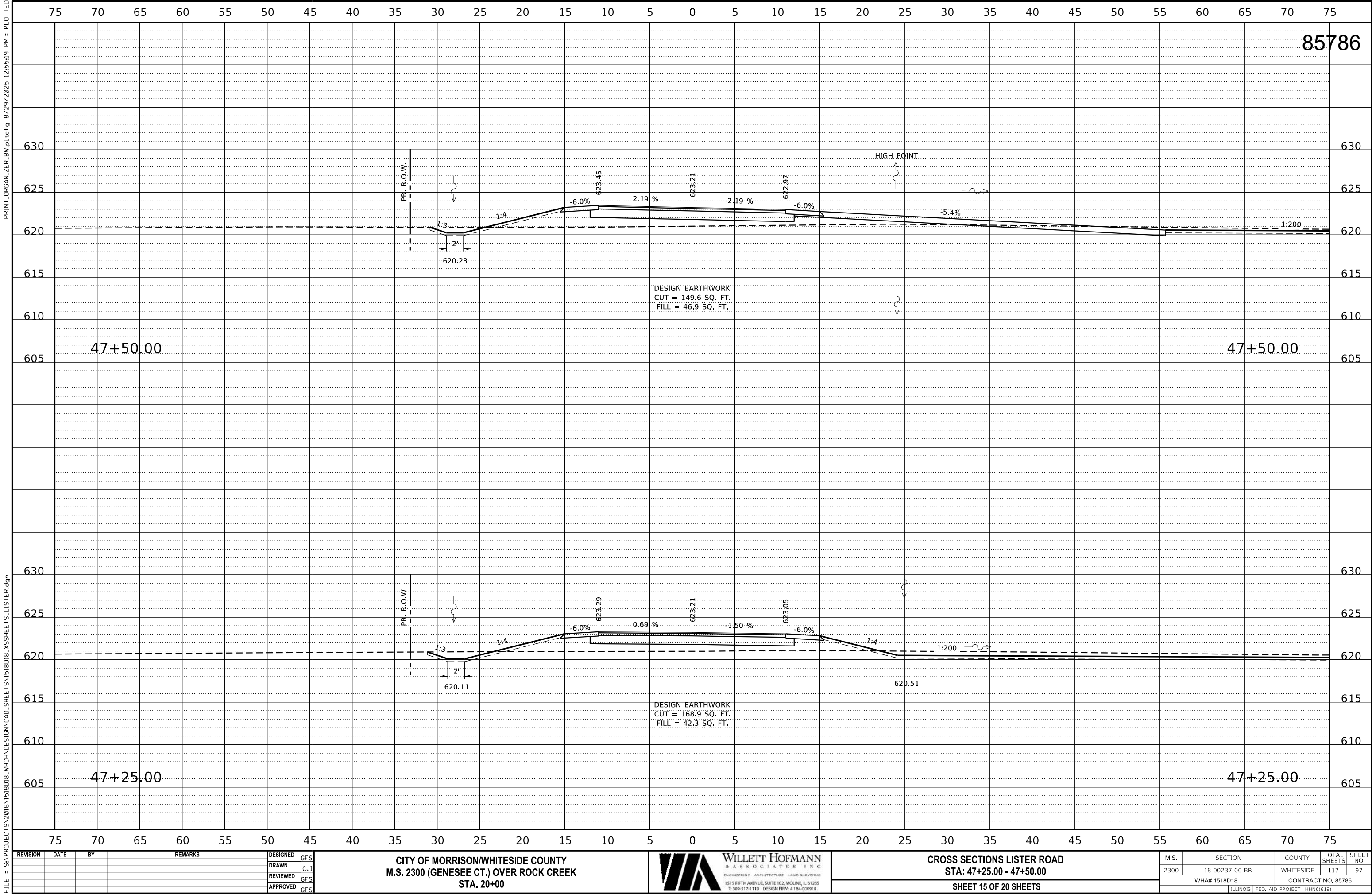
CROSS SECTIONS LISTER ROAD
STA: 46+75.00 - 47+00.00
SHEET 14 OF 20 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	96
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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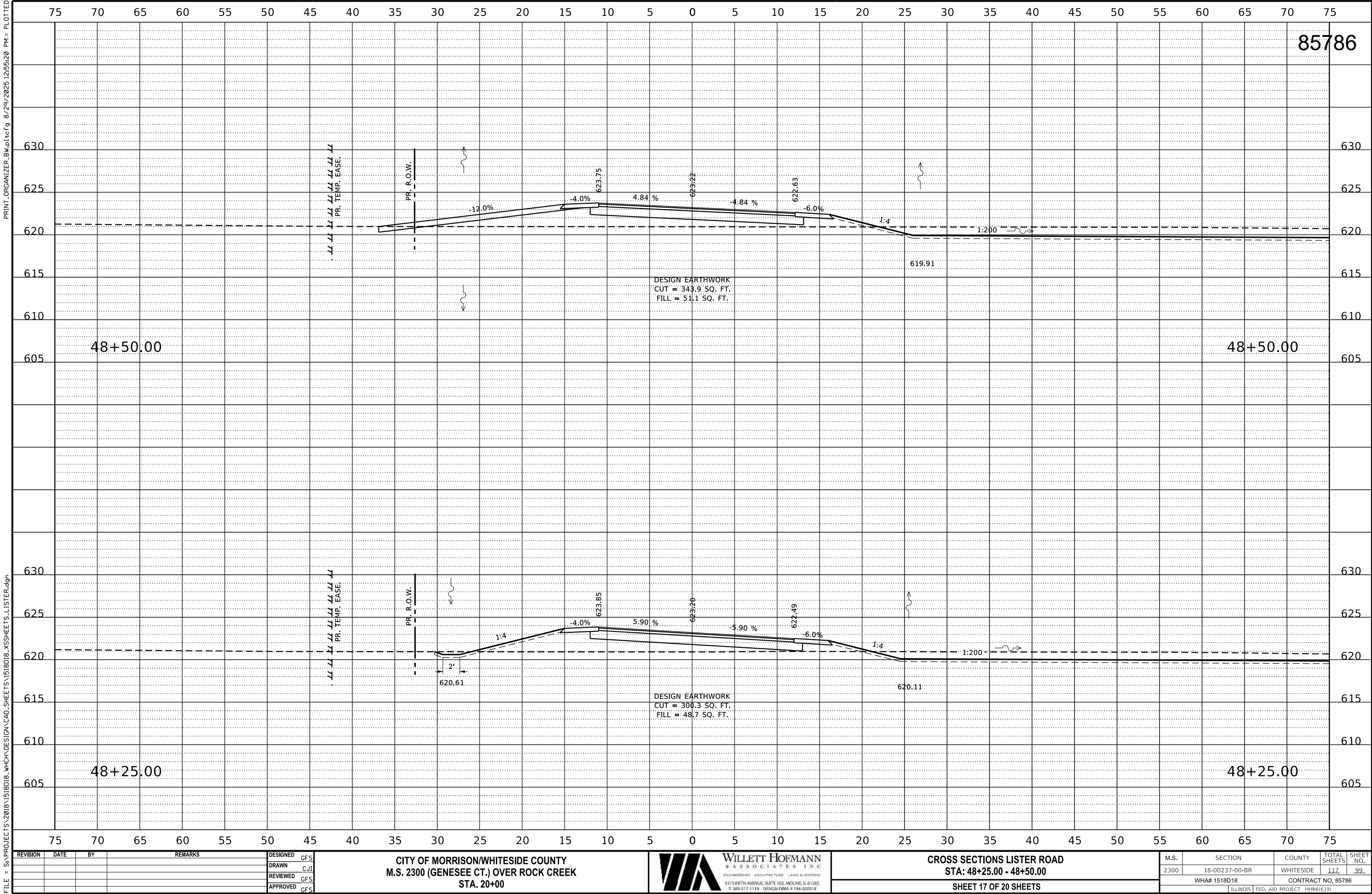
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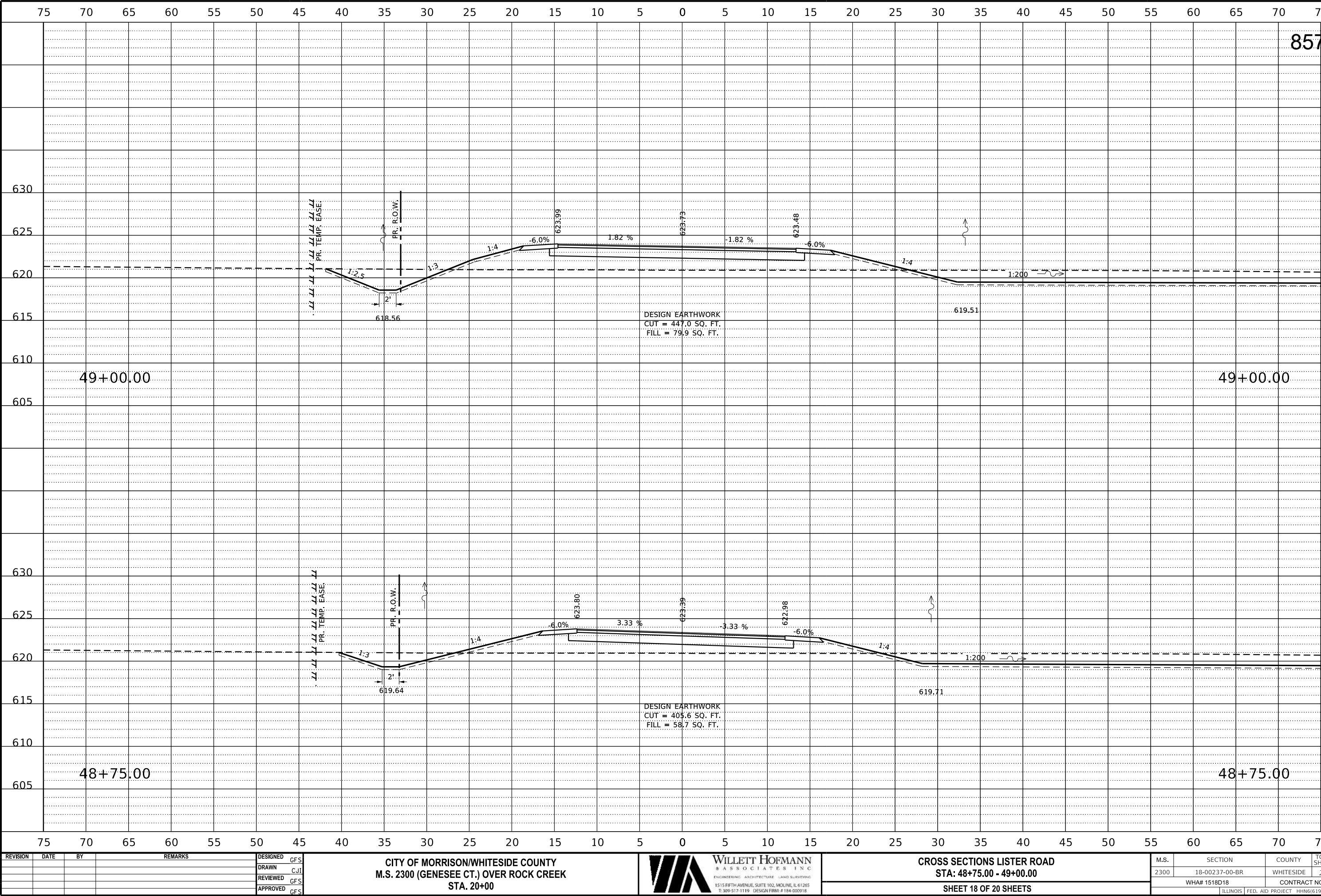
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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



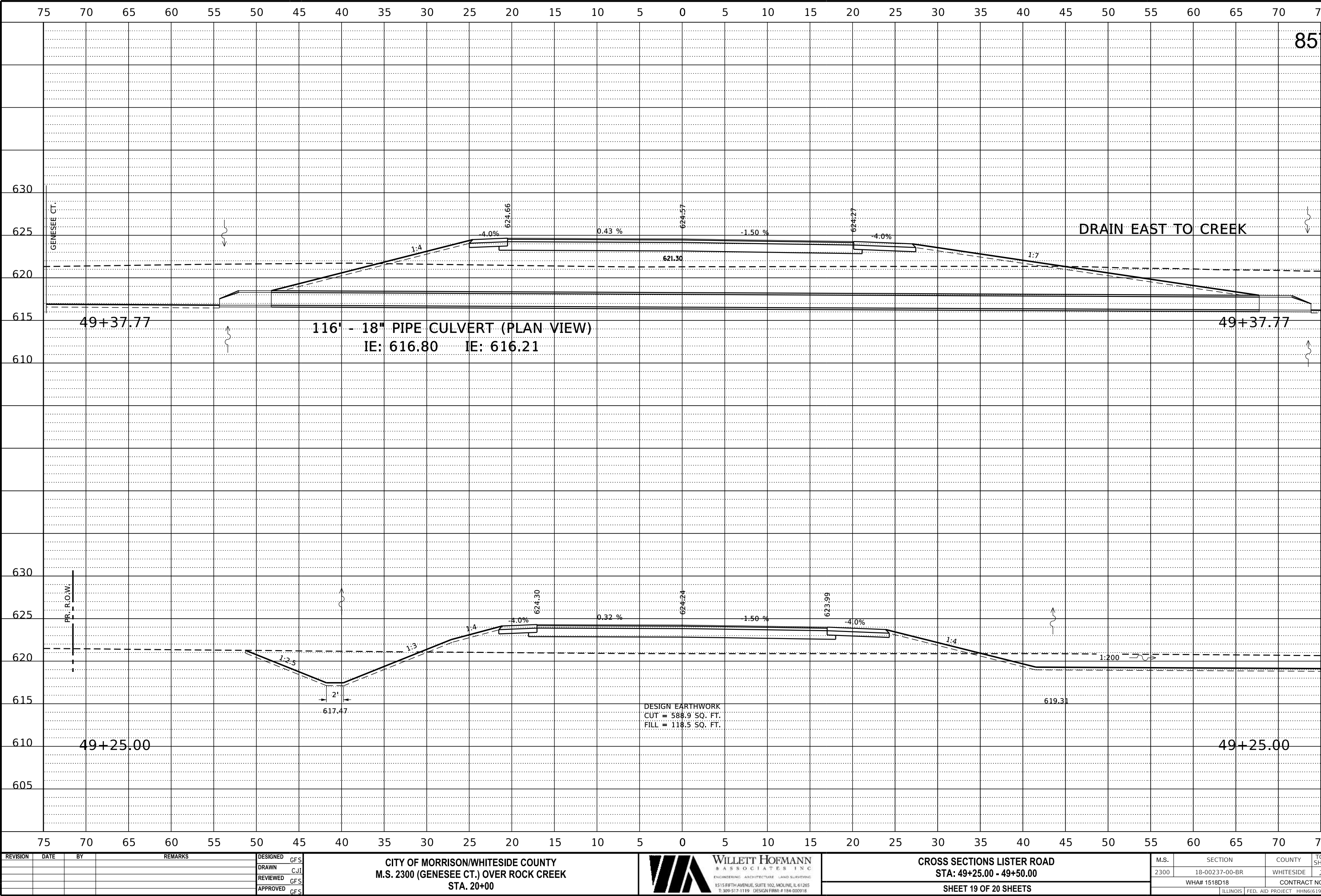
CROSS SECTIONS LISTER ROAD
STA: 48+75.00 - 49+00.00
SHEET 18 OF 20 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	100
WHA# 1518D18		CONTRACT NO. 85786		
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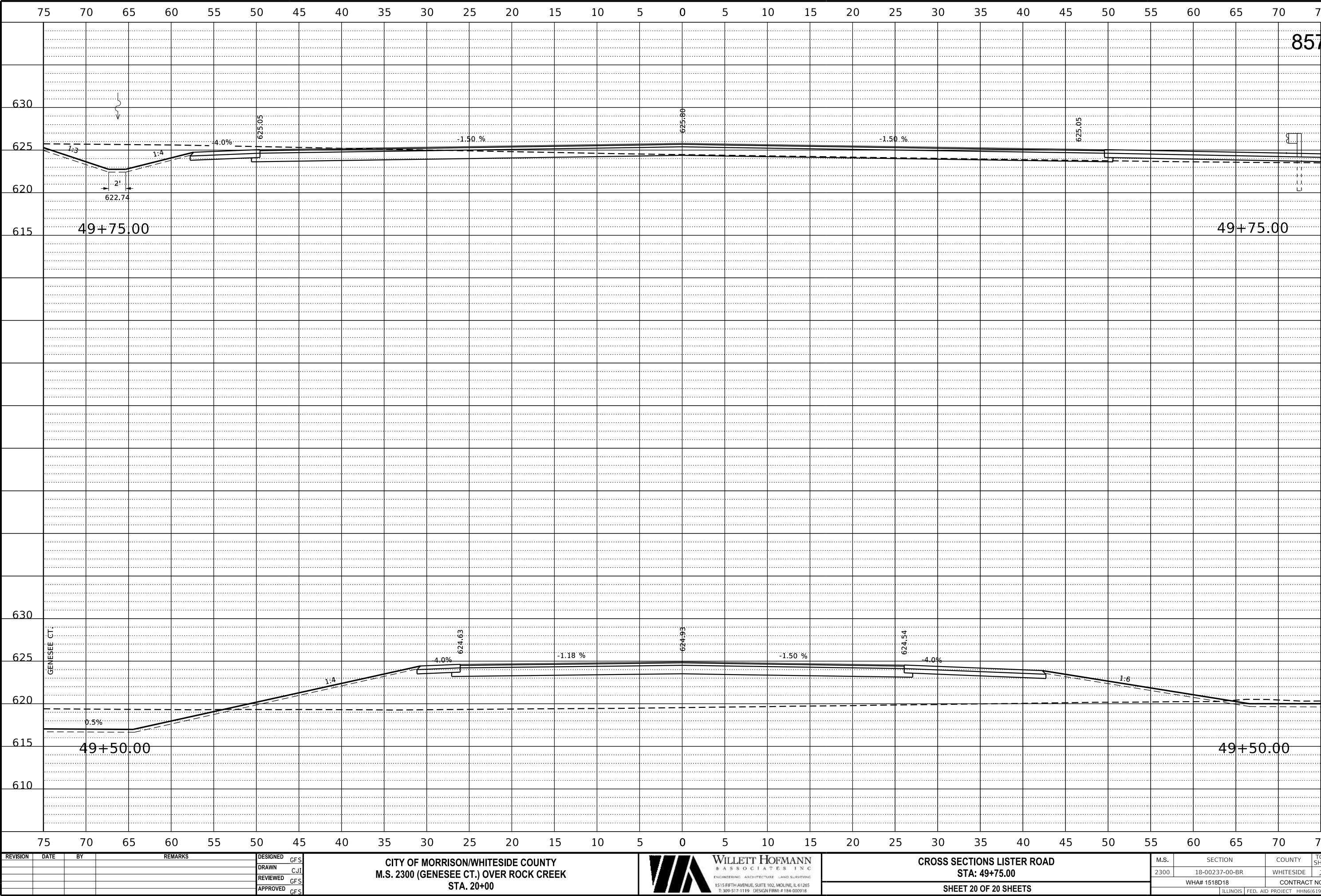
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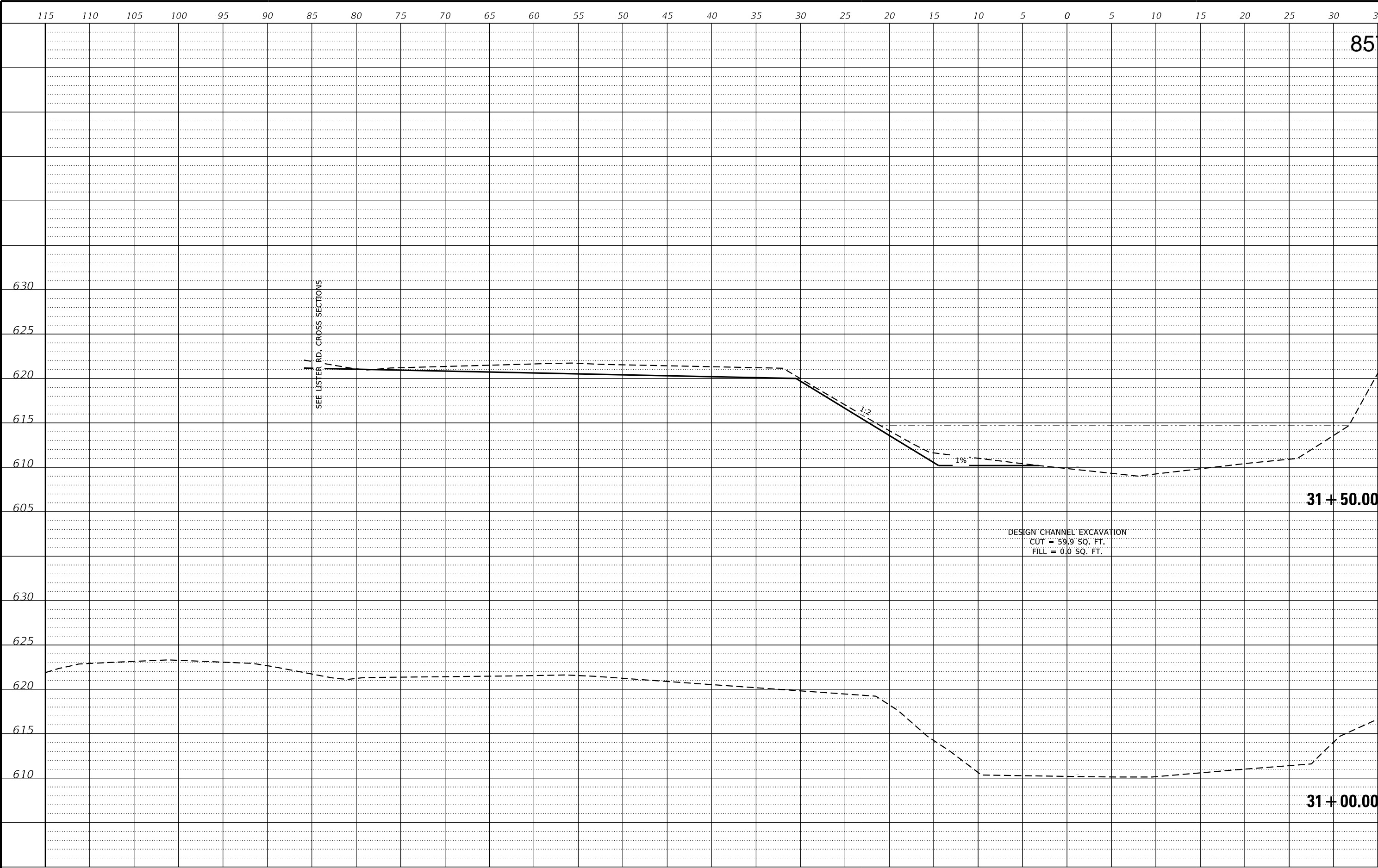
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APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



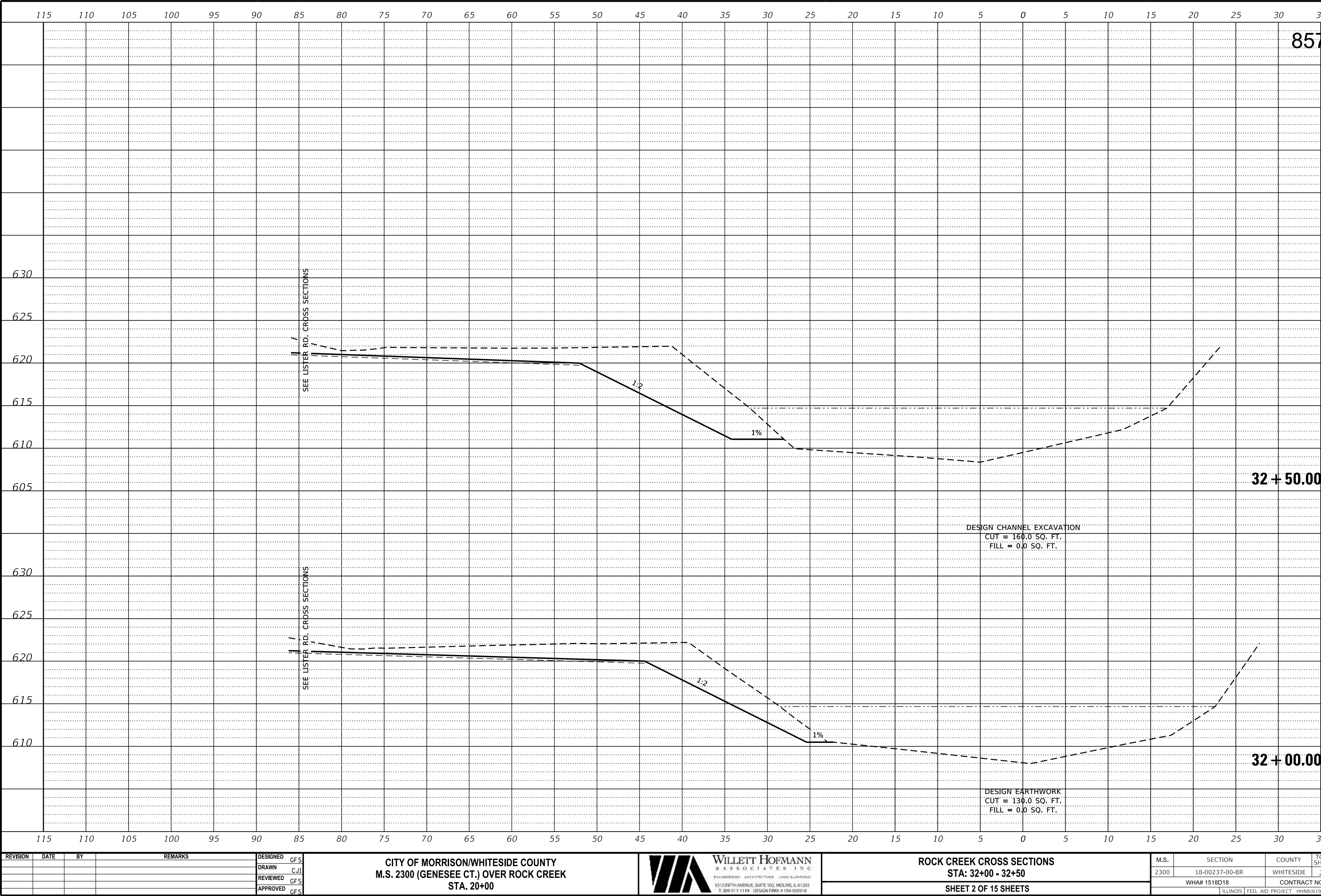
ROCK CREEK CROSS SECTIONS
STA: 31+00 - 31+50
SHEET 1 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	103
WHA# 1518D18		CONTRACT NO. 85786		
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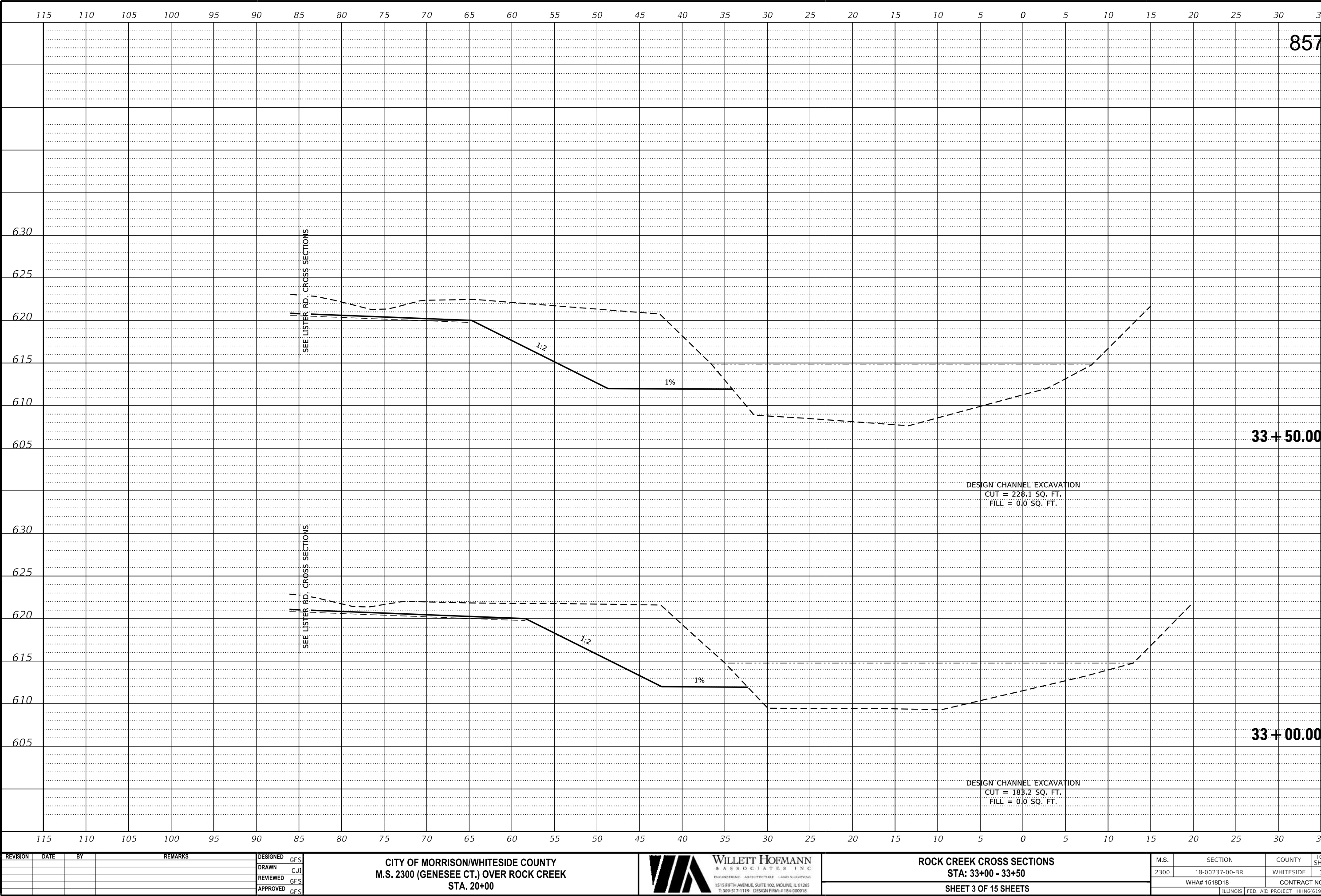
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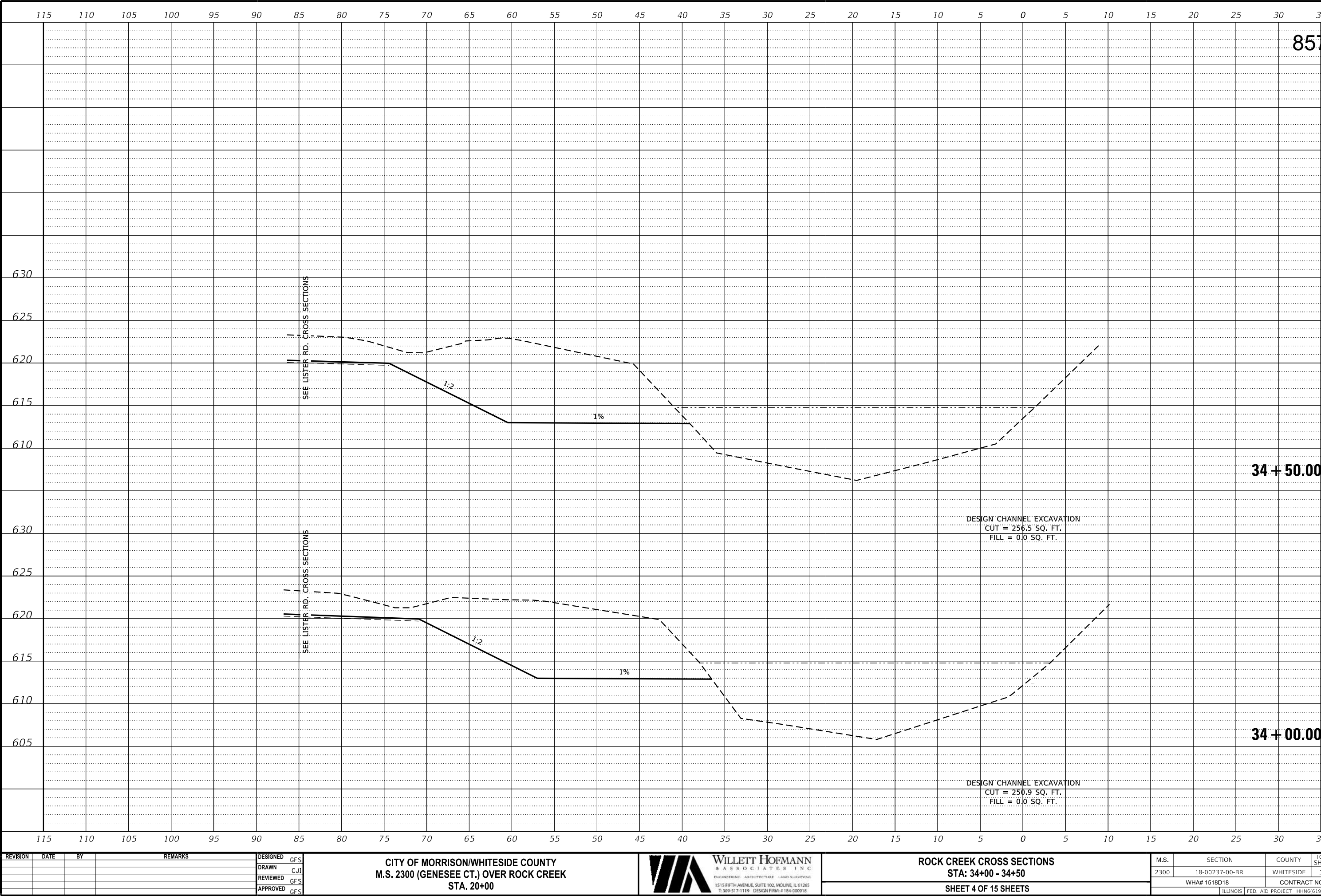
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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



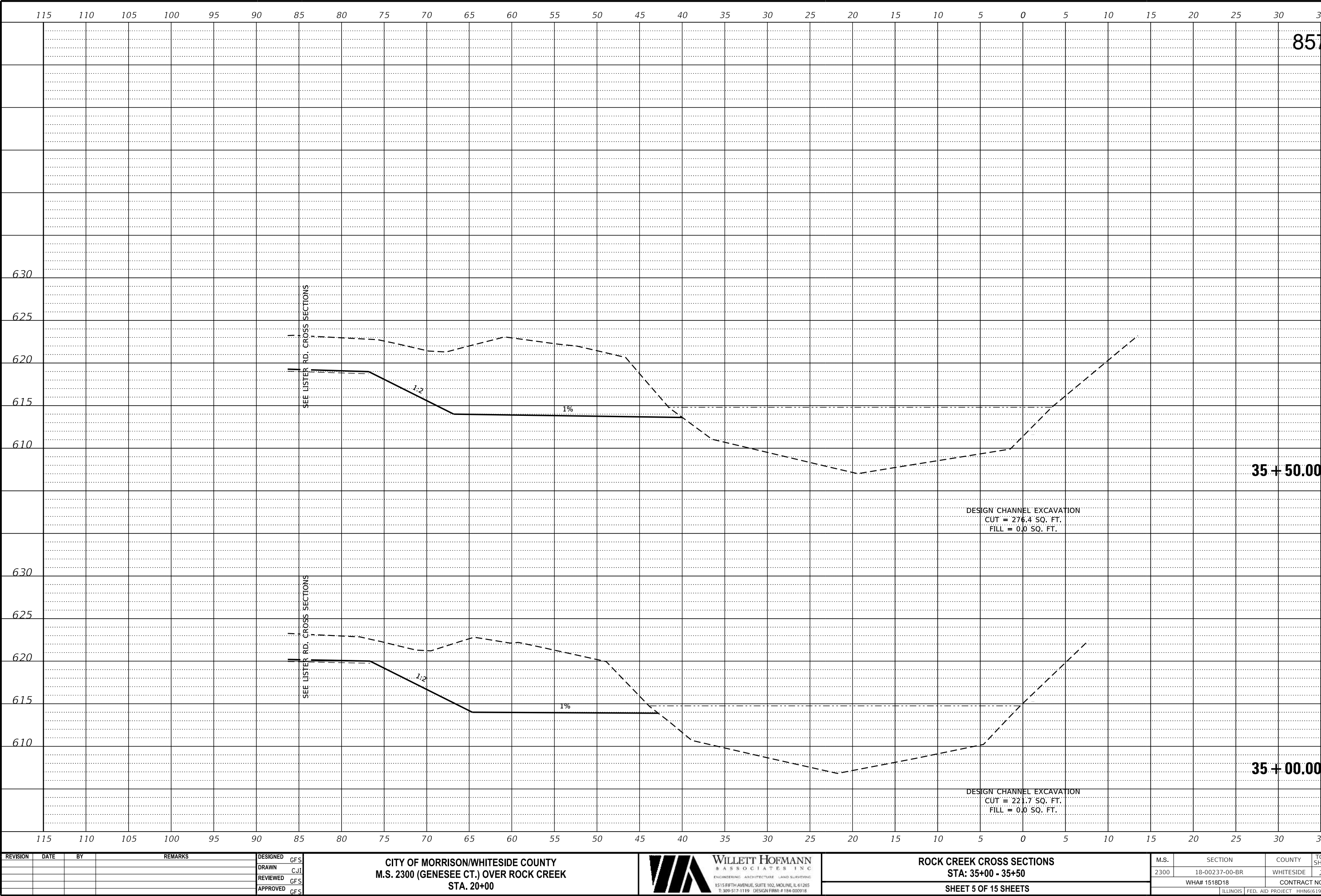
ROCK CREEK CROSS SECTIONS
STA: 34+00 - 34+50
SHEET 4 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	106
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



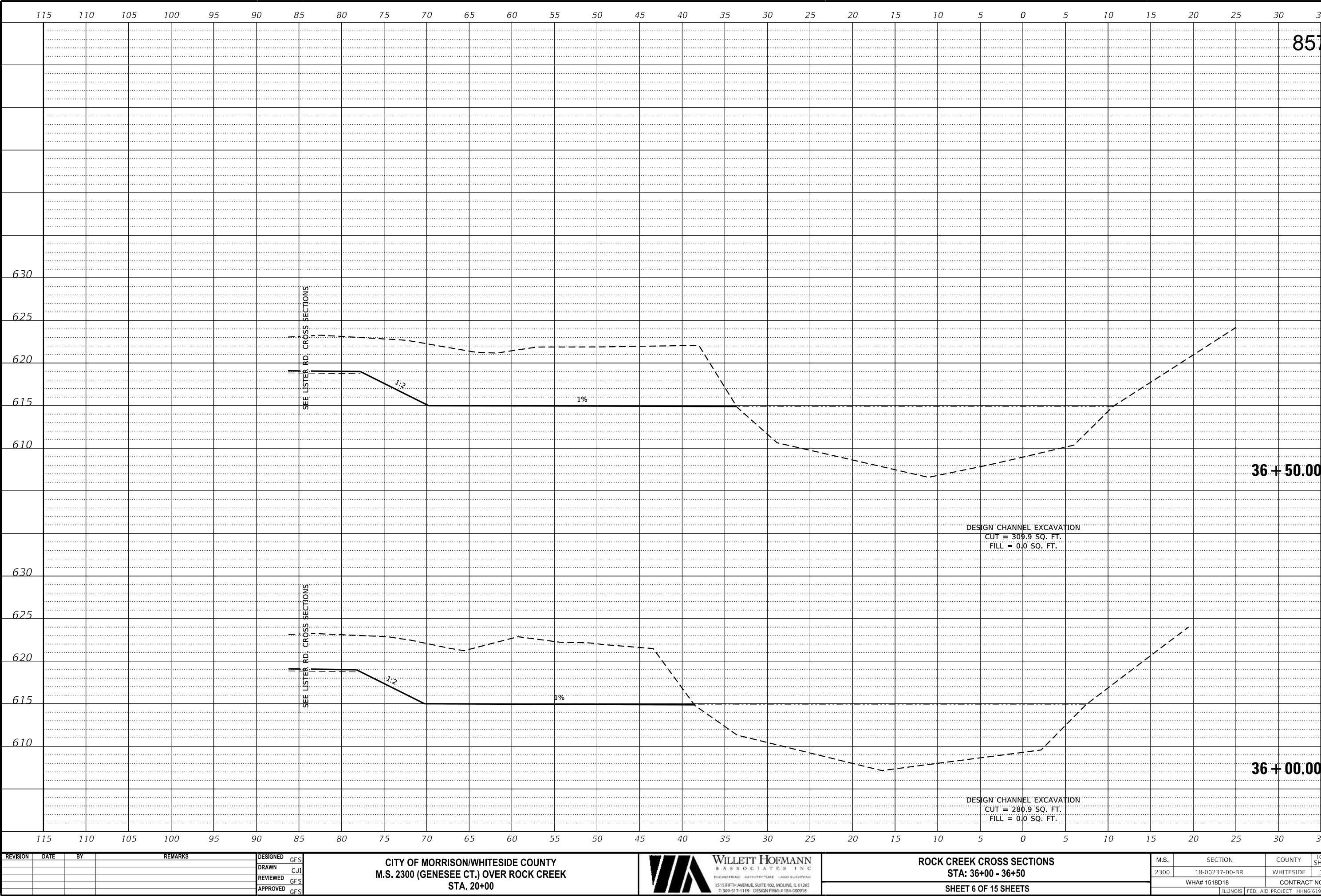
ROCK CREEK CROSS SECTIONS
STA: 35+00 - 35+50
SHEET 5 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	107
WHA# 1518D18		CONTRACT NO. 85786		
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FILE = S:\PROJECTS\2018\1518D18.WHCH\DESIGN\CAD_SHEETS\1518D18.XSSHEETS\ROCKCREEK.dgn



REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



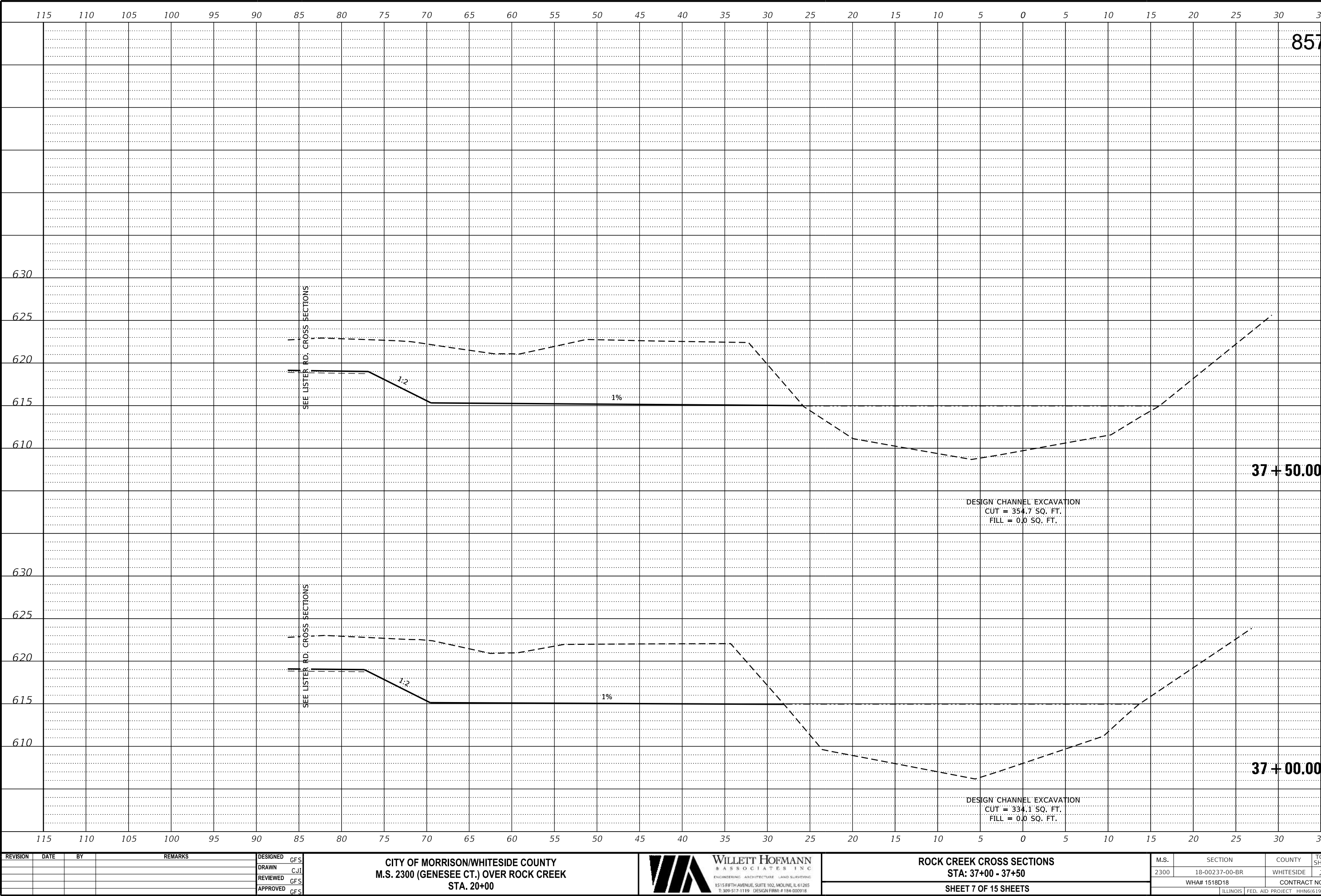
ROCK CREEK CROSS SECTIONS
STA: 36+00 - 36+50
SHEET 6 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	108
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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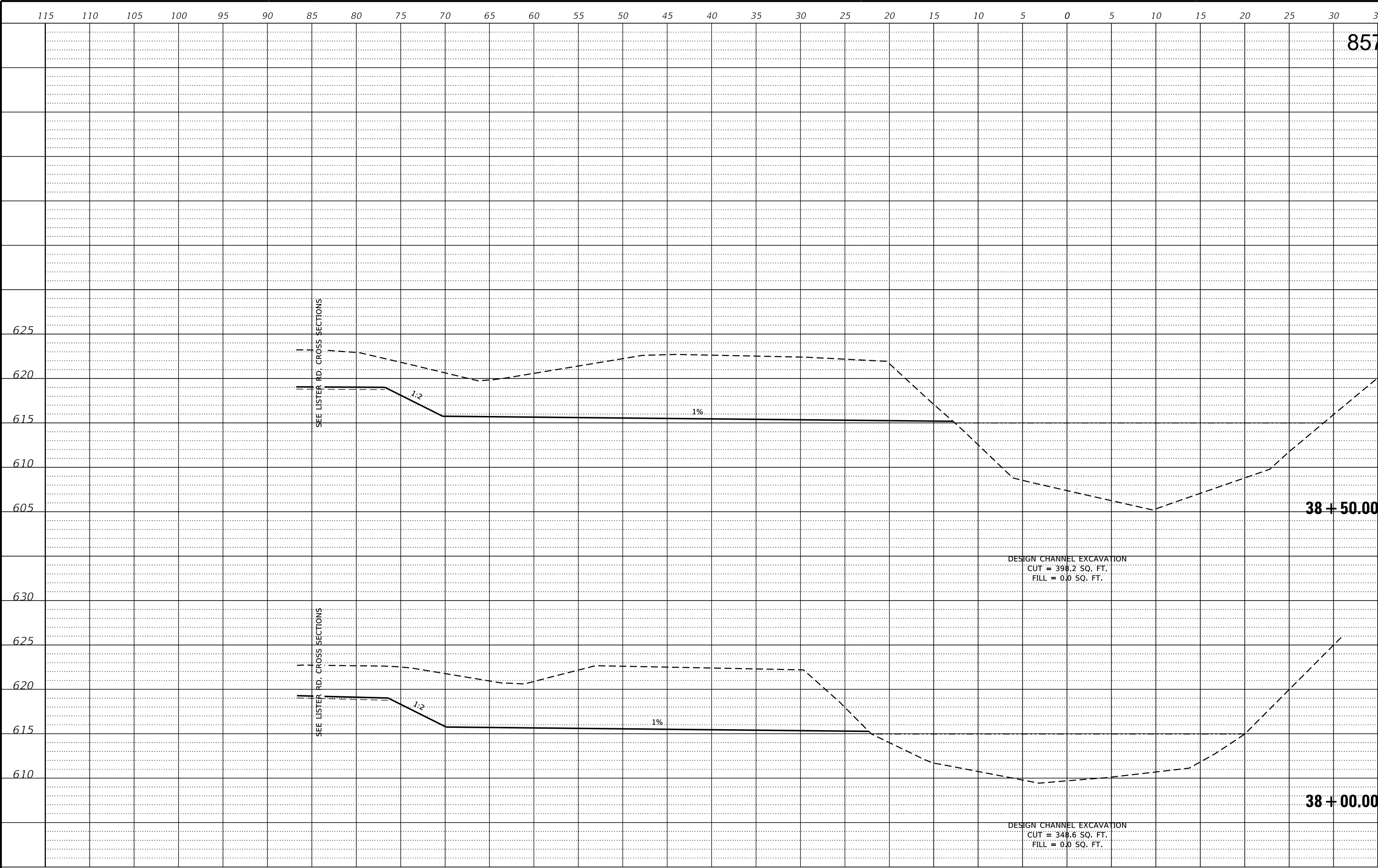
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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



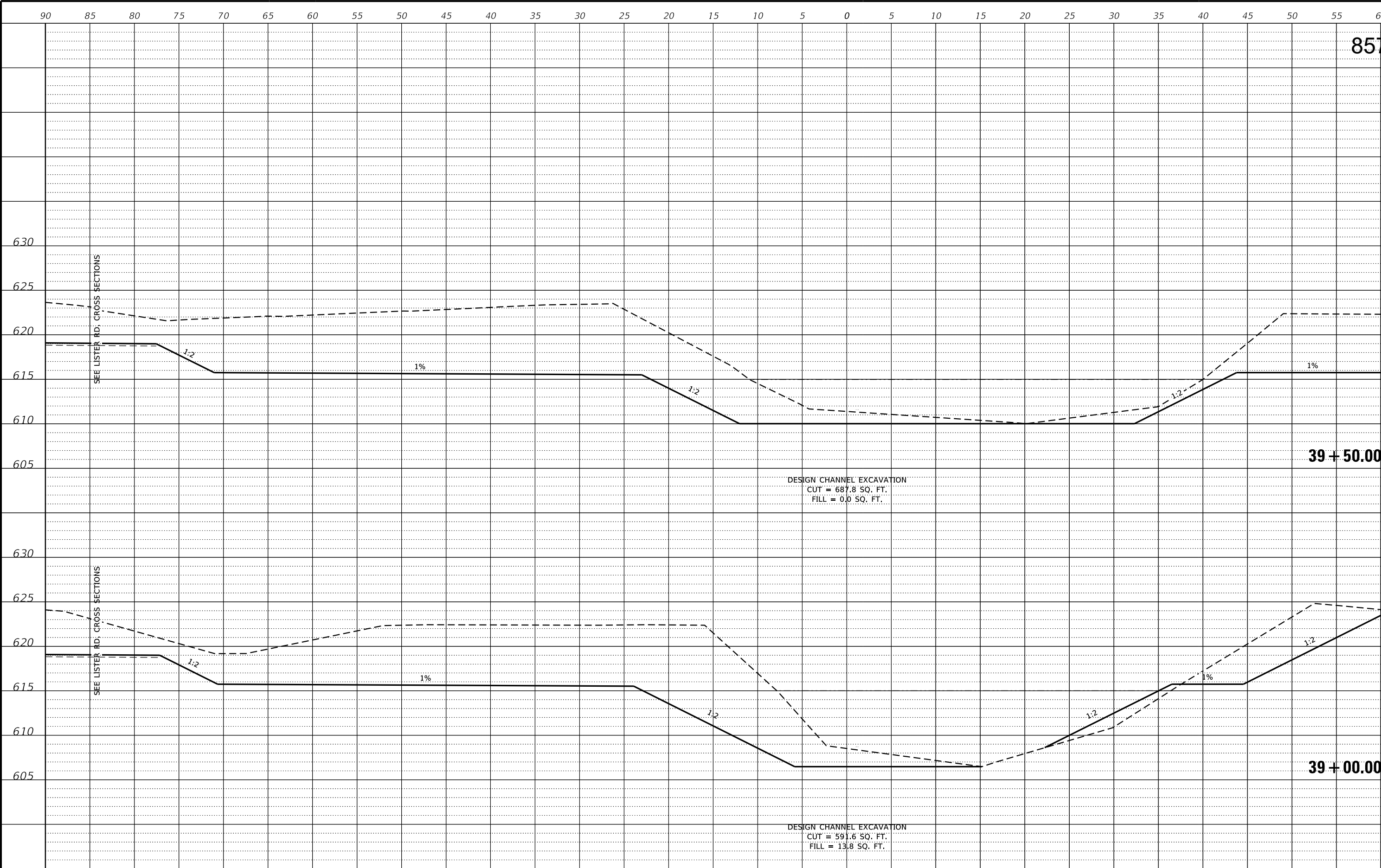
ROCK CREEK CROSS SECTIONS
STA: 38+00 - 38+50
SHEET 8 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	110
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



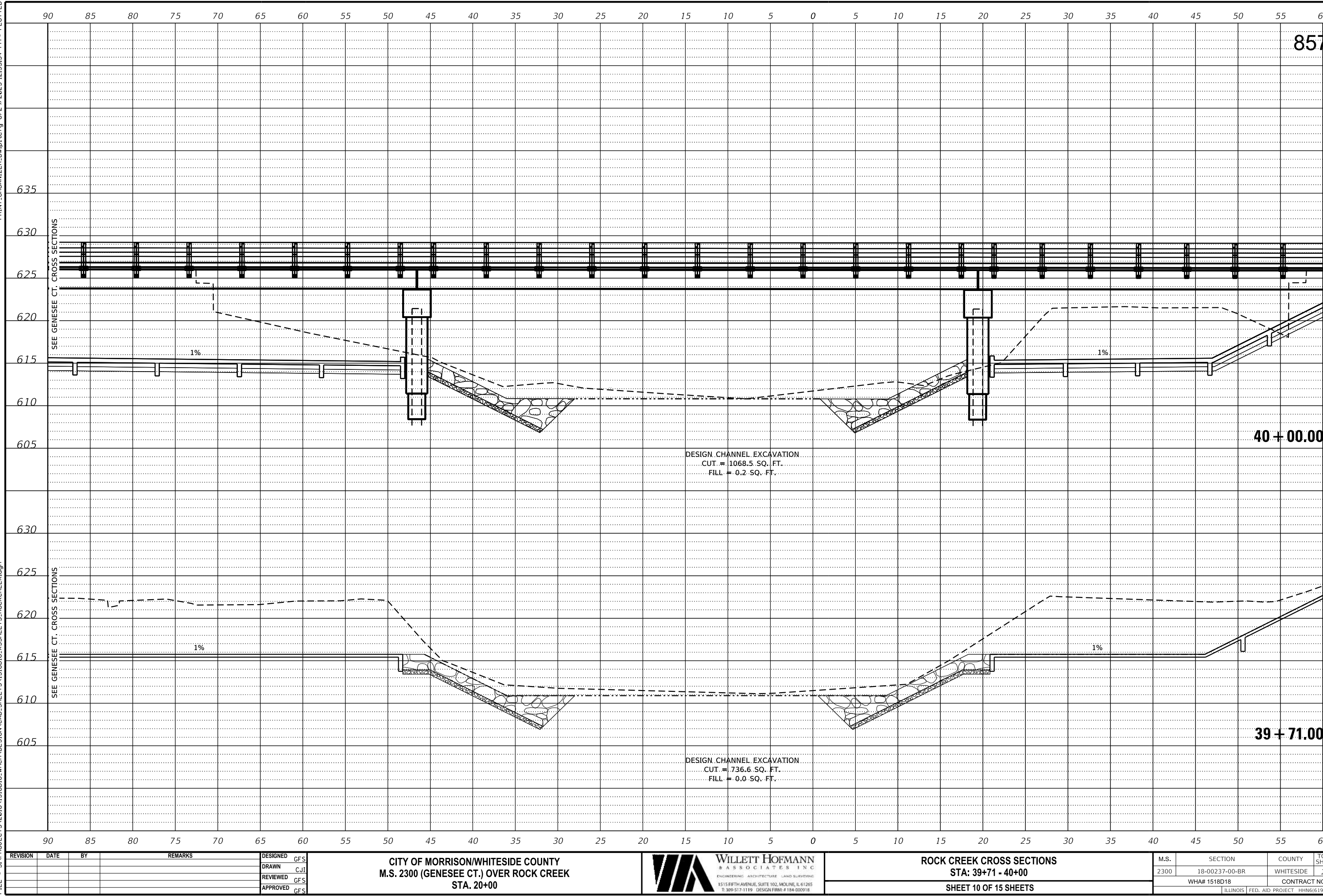
ROCK CREEK CROSS SECTIONS
STA: 39+00 - 39+50
SHEET 9 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	111
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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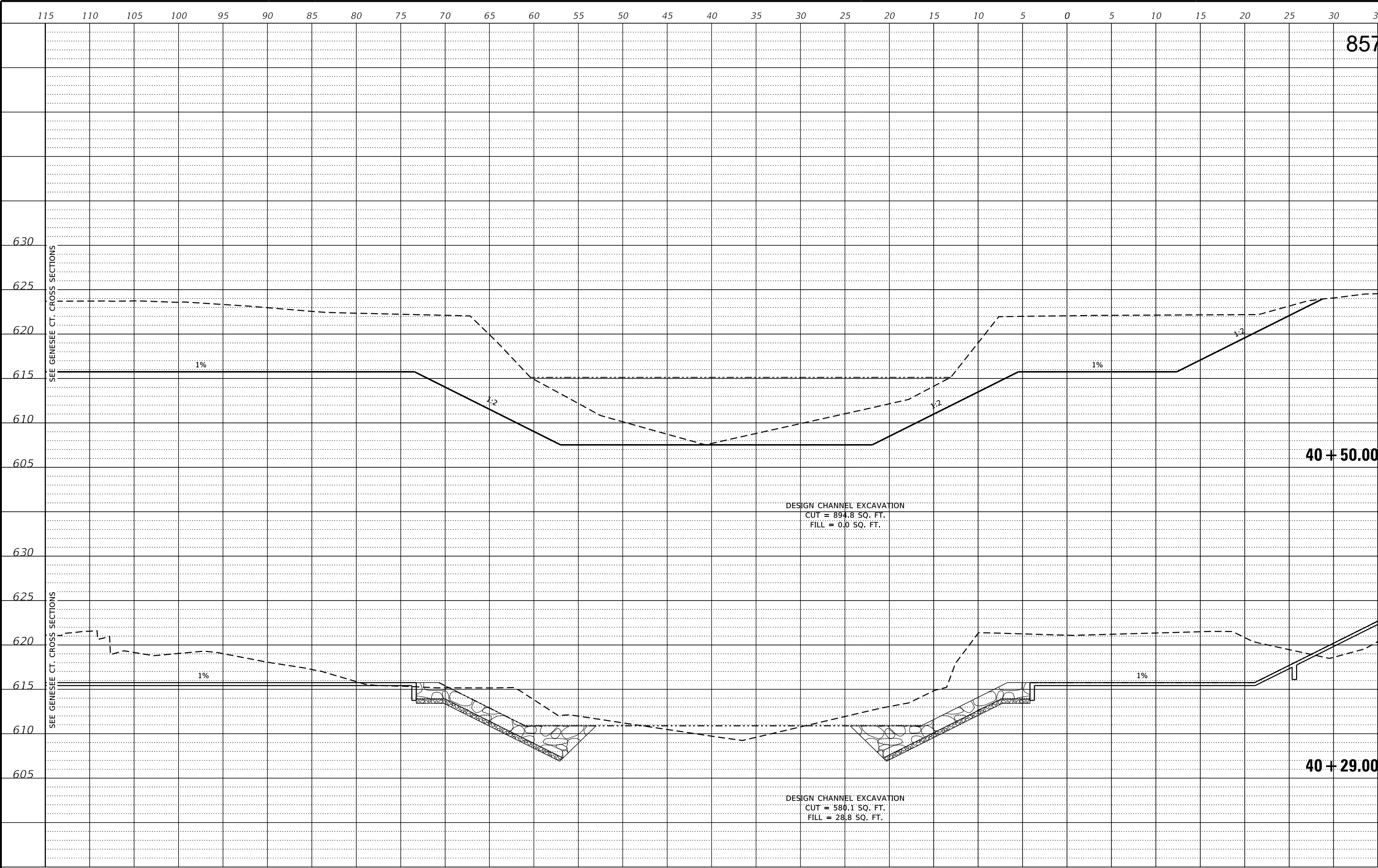
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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



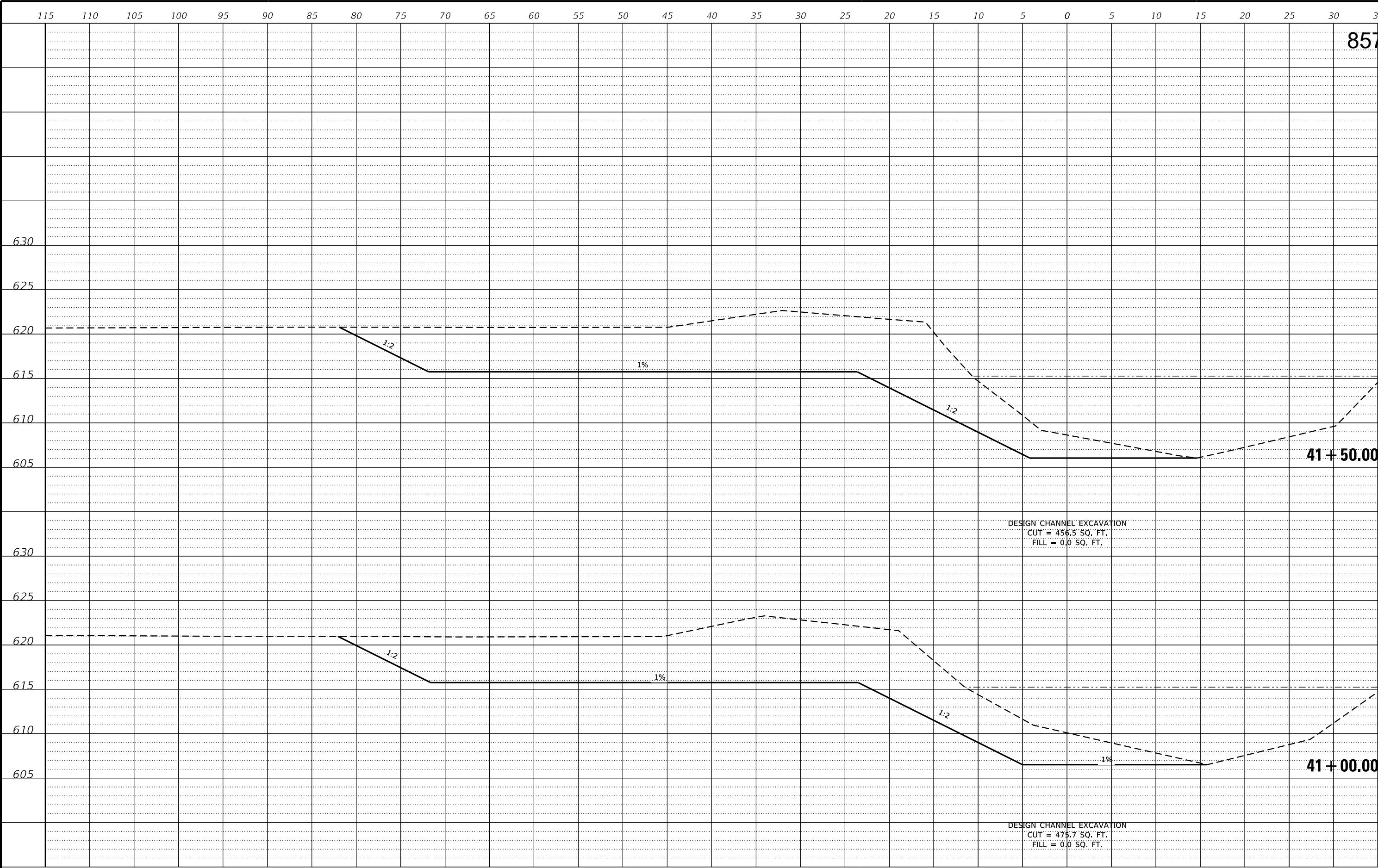
ROCK CREEK CROSS SECTIONS
STA: 40+29 - 40+50
SHEET 11 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	113
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



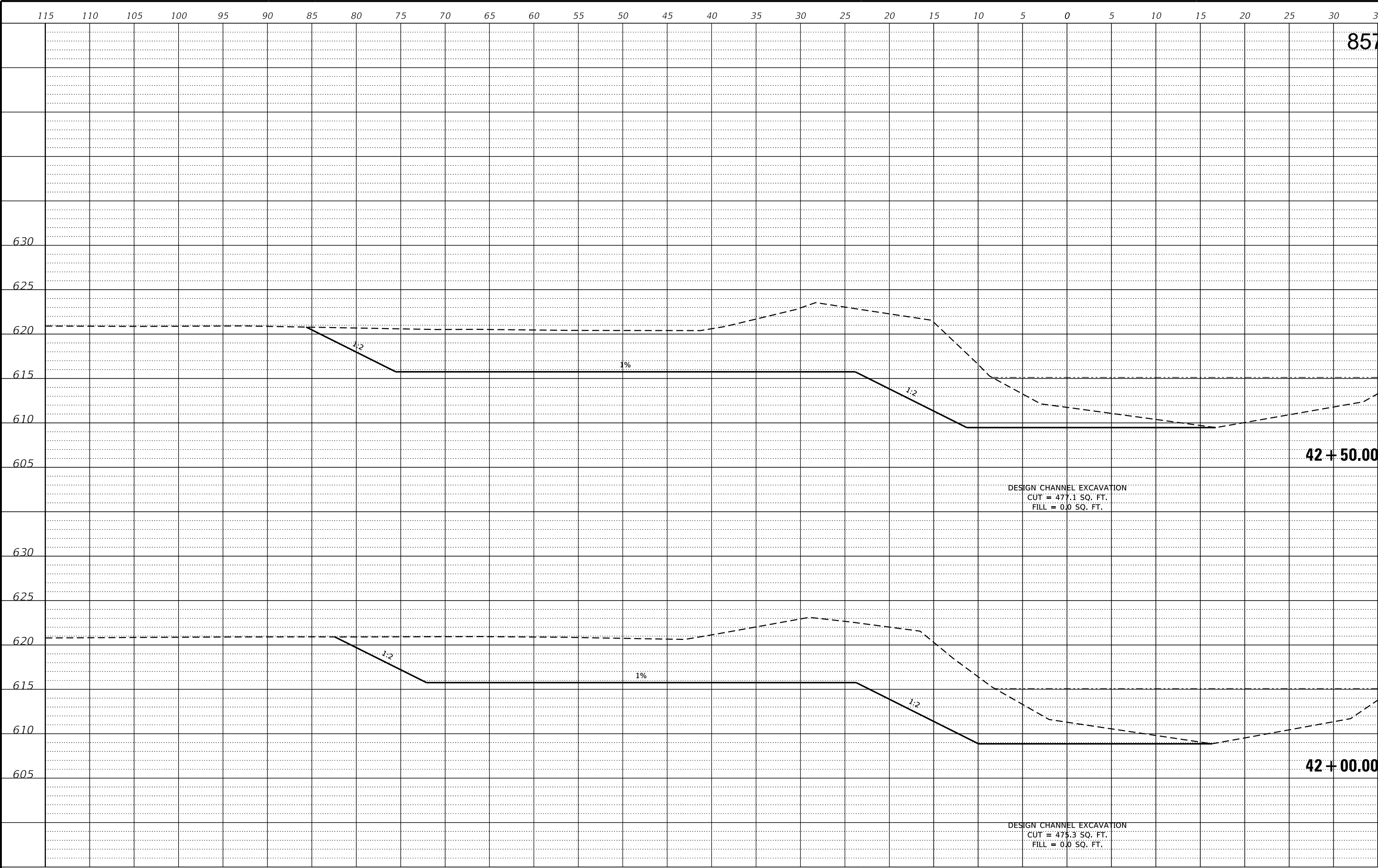
ROCK CREEK CROSS SECTIONS
STA: 41+00 - 41+50
SHEET 12 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	114
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



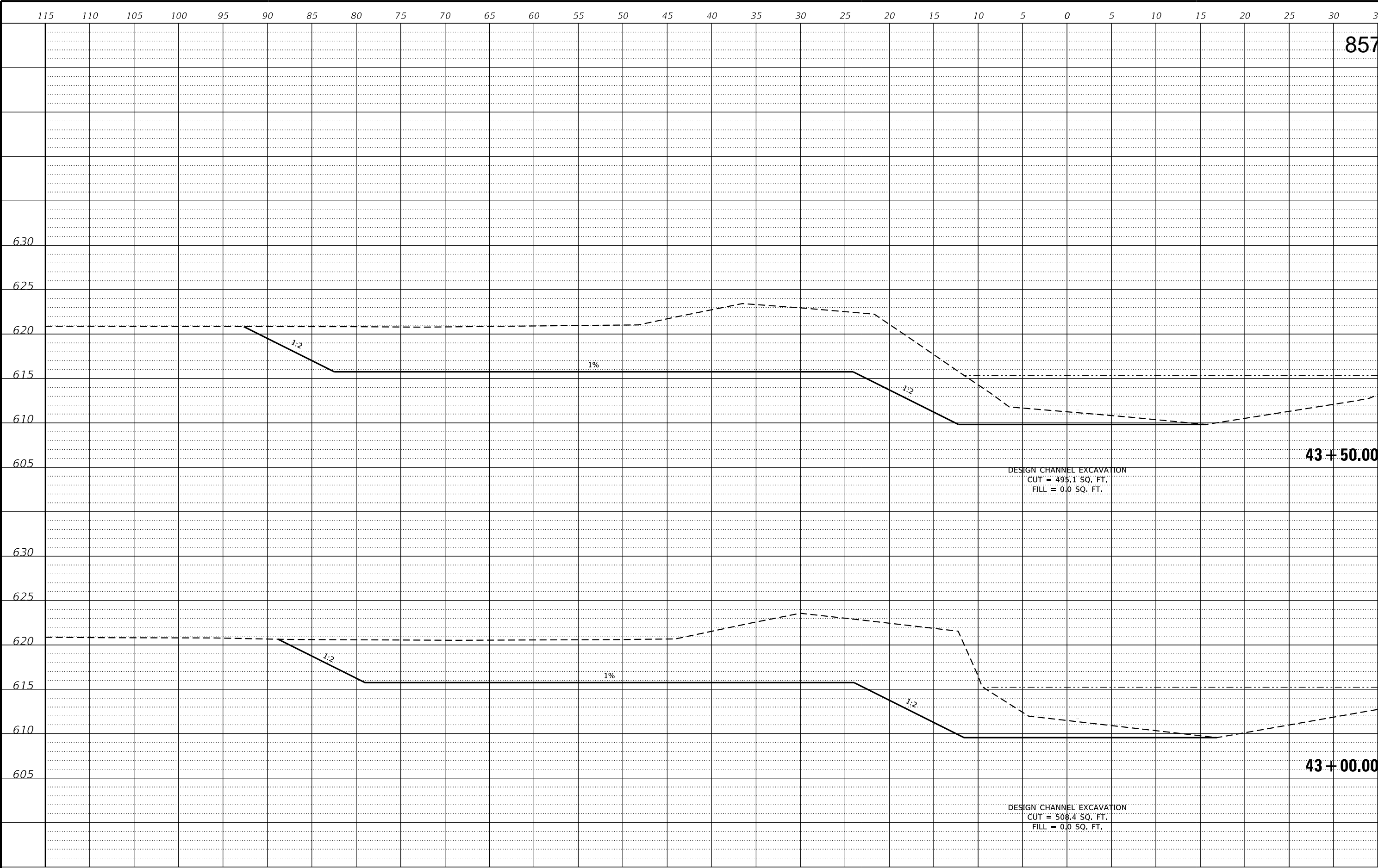
ROCK CREEK CROSS SECTIONS
STA: 42+00 - 42+50
SHEET 13 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	115
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



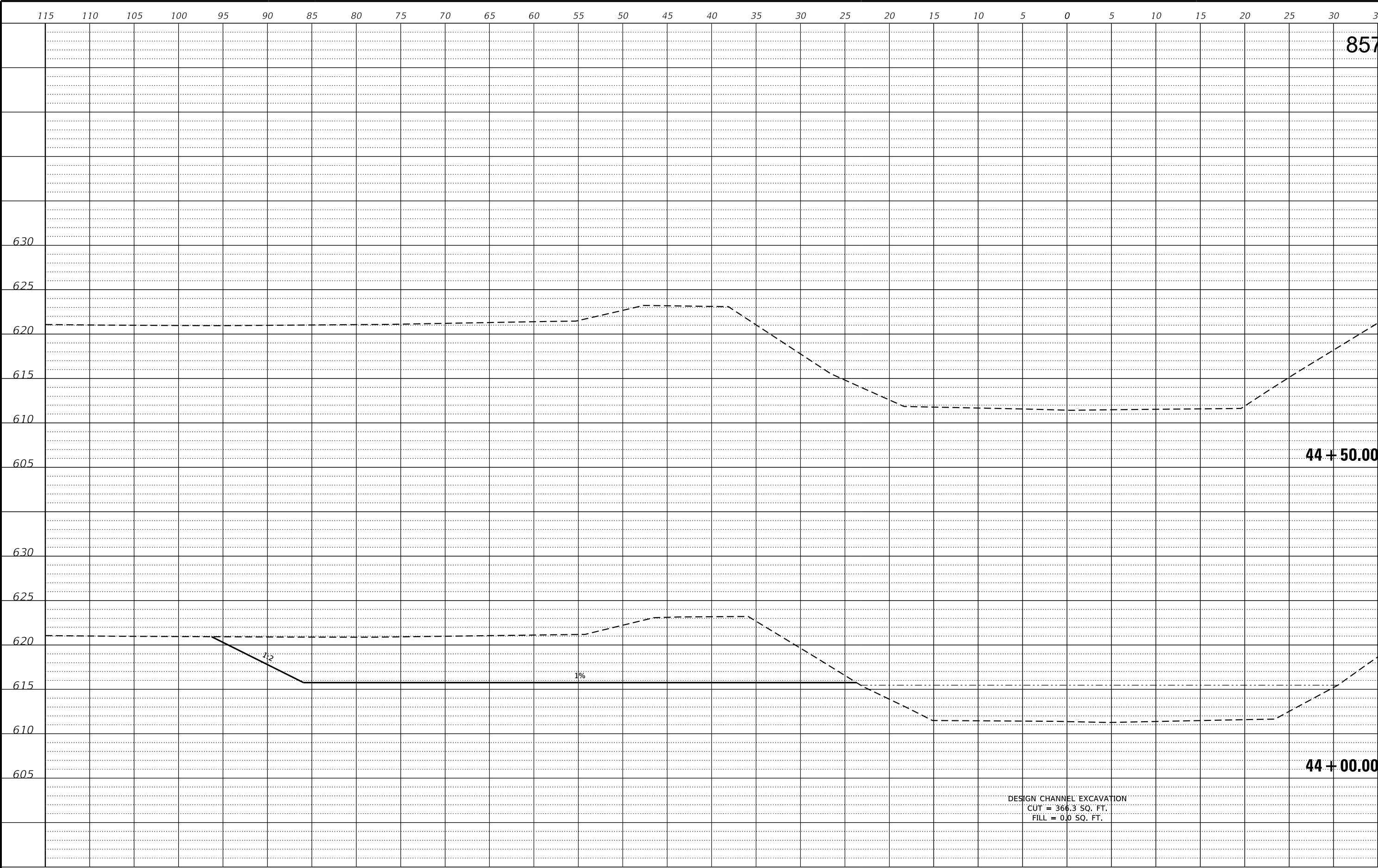
ROCK CREEK CROSS SECTIONS
STA: 43+00 - 43+50
SHEET 14 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	116
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS		FED. AID PROJECT HHN6(619)		

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REVISION	DATE	BY	REMARKS

DESIGNED	GFS
DRAWN	CJI
REVIEWED	GFS
APPROVED	GFS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



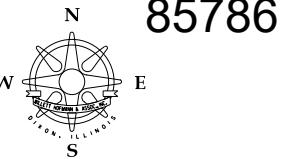
ROCK CREEK CROSS SECTIONS
STA: 44+00 - 44+50
SHEET 15 OF 15 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	117
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(619)				

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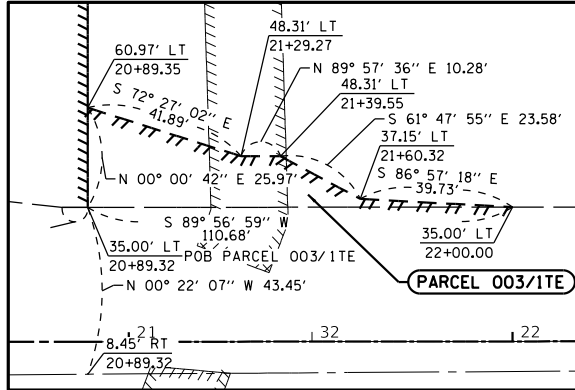
NW. CORNER OF NW. QUARTER
SECTION 19, T. 21 N., R. 5 E. 4th PM
N 187°00'53.3757
E 2347°941.4018
POC PARCEL 002/1PE
POC PARCEL 002/1TE
POC PARCEL 005/2
POC PARCEL 005/1TE
POC PARCEL 005/2TE

Township 21 North, Range 5 East of the Fourth Principal Meridian
(Whiteside County – Mount Pleasant Township)
City of Morrison, Illinois



NOTE: FOR THE PURPOSE OF THIS PLAT,
BEARINGS ARE BASED UPON THE ILLINOIS
STATE PLANE COORDINATE SYSTEM, WEST
ZONE, (GRID) (NAD-83, 2011 ADJ.)

DETAIL "A"
NOT TO SCALE



GENESEE COURT PROPOSED SURVEY LINE COORDINATE TABLE

STATION	NORTHING	EASTING
POT 0+44.15	1868613.8894	2347524.8794
PC 2+54.44	1868616.8847	2347735.1510
PI 4+69.35	1868619.9458	2347950.0402
PT 6+83.98	1868642.0998	2348163.8063
PC 10+44.47	1868679.2602	2348522.3728
PI 11+98.95	1868695.1850	2348676.0328
PT 13+53.41	1868716.0975	2348829.0939
PC 14+40.90	1868727.9413	2348915.7810
PI 16+30.74	1868753.6401	2349103.8733
PT 18+20.00	1868753.8062	2349293.7130
POT 27+47.70	1868754.6181	2350221.4108

GERALD L. BROWN &
KAREN A. BROWN TRUST
PARCEL 002/1PE 1.125 AC.
PARCEL 002/1TE 0.141 AC.

PART OF THE NORTHWEST QUARTER OF
SECTION 19, TOWNSHIP 21 NORTH,
RANGE 5 EAST OF THE FOURTH P.M.
TAX CODE NUMBER: 09-19-101-002

EAST LINE OF PREMISES CONVEYED BY
GREGORY A. MATTHEWS, ET AL TO SHARON D.
MATTHEWS TRUST DEED DOC. NO. 2015-05568

PROP. CURVE GENESEE COURT
PI STA. = 11+98.95
Δ = 1° 51' 48" (LT)
D = 0° 36' 11"
R = 9,500.00'
T = 154.48'
L = 308.94'
E = 1.26'
P.C. STA. = 10+44.47
P.T. STA. = 13+53.41

PROP. CURVE GENESEE COURT
PI STA. = 16+30.74
Δ = 7° 43' 48" (RT)
D = 2° 02' 20"
R = 2,810.00'
T = 189.84'
L = 379.10'
E = 6.41'
P.C. STA. = 14+40.90
P.T. STA. = 18+20.00

MORRISON COMMUNITY UNIT
SCHOOL DISTRICT NO. 6
PARCEL 003/1PE 0.682 AC.
PARCEL 003/1TE 0.026 AC.

PART OF THE NORTHWEST QUARTER OF
SECTION 19, TOWNSHIP 21 NORTH,
RANGE 5 EAST OF THE FOURTH P.M.
TAX CODE NUMBER: 09-19-128-002

POC PARCEL 003/1PE
POC PARCEL 003/1TE
POC PARCEL 004/1PE
POC PARCEL 004/2
SE. CORNER OF THE NE. QUARTER
OF THE NW. QUARTER SECTION 19,
T. 21 N., R. 5 E. 4th PM
N 186°751.0459
E 2350410.5873

GENESEE CT.

PRAIRIE CENTER ROAD

SW. CORNER OF NW. QUARTER
SECTION 19, T. 21 N., R. 5 E. 4th PM
N 186°7385.7252
E 2347°942.2807

SURVEYOR'S STATEMENT

I, JEFFREY B. ROHDE, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR
OF THE STATE OF ILLINOIS, THAT THE SURVEY OF GENESEE COURT WAS MADE BY WILLETT
HOFMANN & ASSOCIATES, INC. UNDER MY DIRECTION, AT THE REQUEST OF THE CITY OF
MORRISON, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY
KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND
OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO
BE RETRACED. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM
STANDARDS FOR A BOUNDARY SURVEY.

GERALD L. BROWN &
KAREN A. BROWN TRUST
PARCEL 005/2 1.835 AC.
PARCEL 005/1TE 0.026 AC.
PARCEL 005/2TE 0.220 AC.

PART OF LOT 4 IN THE SOUTH HALF OF
SECTION 19, TOWNSHIP 21 NORTH,
RANGE 5 EAST OF THE FOURTH P.M.

TOTAL AREA REQUIRED = 2.620 AC. ±
AREA IN EXIST. RDWY. = 0.785 AC.
NET AREA REQUIRED = 1.835 AC. ±
TAX CODE NUMBER: 09-19-151-001

JEFFREY B. ROHDE, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3906 (EXPIRES NOVEMBER 2024)

PROPOSED TEMPORARY
EASEMENT LINE

PROPOSED CENTERLINE
OF GENESEE CT.

PROPOSED TEMPORARY
EASEMENT LINE

PROPOSED TEMPORARY
EASEMENT LINE

PARCEL 005/1TE
SEE SHEET 2

PARCEL 005/2
SEE SHEET 2

PARCEL 004/1PE
SEE SHEET 2

PARCEL 003/1TE
SEE DETAIL "A"

- LEGEND -	
— GUY WIRE	— FENCE
— POWER POLE	— DITCH
— RIGHT OF WAY MARKER	— EXISTING RIGHT OF WAY LINE
— SIGN	— PROPOSED RIGHT OF WAY LINE
— BANK EDGE	— EXISTING EASEMENT LINE
— BRIDGE DECK	— TEMPORARY EASEMENT LINE
— WATER EDGE	— LOT LINE
— PIPE CULVERT	— LAND SECTION LINE
— CROPLINE	— ROADWAY CENTERLINE

REVISION	DATE	BY	REMARKS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



WILLETT HOFMANN
& ASSOCIATES, INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1515 FIFTH AVENUE, SUITE 102, MOBILE, AL 36688
T: 309-517-1119 DESIGN FIRM: # 184-000918

GENESEE COURT
RIGHT-OF-WAY PLAT
SHEET 1 OF 2

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	117A
WHA# 1518D18		CONTRACT NO. 85786		

ILLINOIS FED. AID PROJECT HHN6(619)

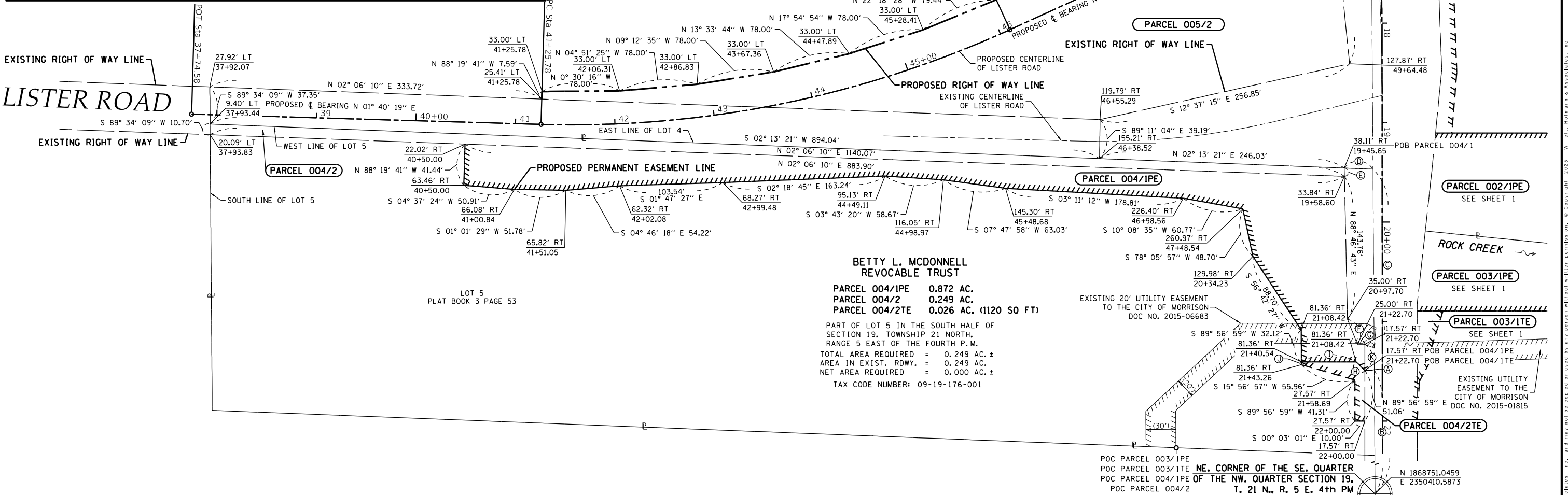
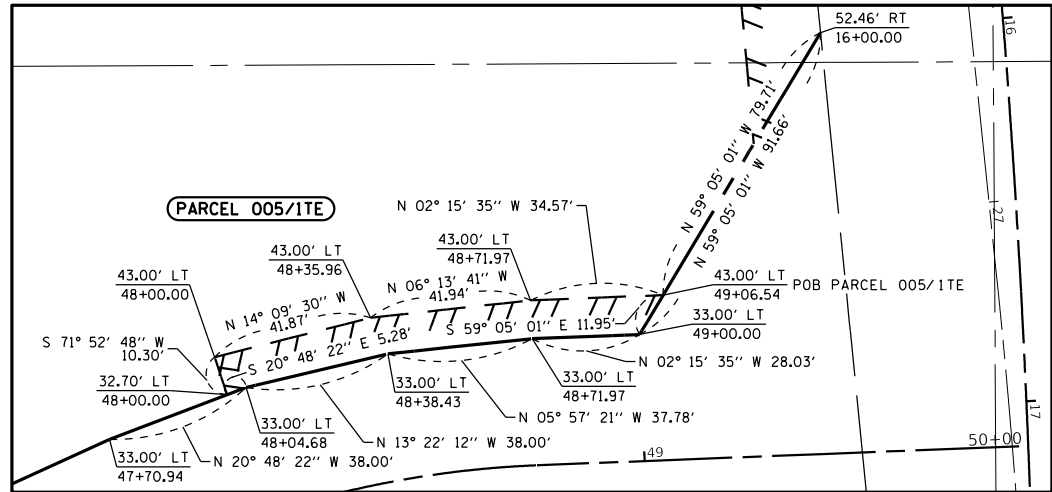
Township 21 North, Range 5 East of the Fourth Principal Meridian
(Whiteside County – Mount Pleasant Township)
City of Morrison, Illinois

85786

DETAIL "B"
NOT TO SCALE



NOTE: FOR THE PURPOSE OF THIS PLAT, BEARINGS ARE BASED UPON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, (GRID) (NAD-83, 2011 ADJ.)



SURVEYOR'S STATEMENT

I, JEFFREY B. ROWE, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF LISTER ROAD WAS MADE BY WILLETT HOFMANN & ASSOCIATES, INC. UNDER MY DIRECTION, AT THE REQUEST OF THE CITY OF MORRISON, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

JEFFREY B. ROWE, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3906 (EXPIRES NOVEMBER 2024)

LISTER ROAD PROPOSED SURVEY LINE COORDINATE TABLE

	STATION	NORTHING	EASTING
POT	37+74.58	1867558.0237	2349365.2360
PC	41+25.78	1867909.0778	2349375.4828
PI	43+72.41	1868155.6033	2349382.6785
PT	46+10.42	1868379.9846	2349280.3082
PC	47+70.94	1868526.0212	2349213.6814
PI	48+22.10	1868572.5676	2349192.4454
PT	48+71.97	1868623.6896	2349190.4282
POT	50+00.00	1868751.6223	2349185.3801

LINE TABLE		
(A)	S 00° 22' 07" E	9.45'
(B)	S 89° 37' 53" W	788.00'
(C)	S 89° 37' 53" W	990.10'
(D)	S 02° 13' 21" W	28.89'
(E)	N 88° 46' 43" E	8.33'
(F)	N 68° 08' 54" E	26.93'
(G)	N 00° 03' 01" W	7.43'
(H)	S 43° 59' 19" W	12.09'
(I)	S 00° 03' 01" E	55.10'
(J)	S 89° 56' 59" W	2.73'
(K)	N 89° 56' 59" E	26.24'

- LEGEND -		
—x—x—x—	GUY WIRE	—x—x—x— FENCE
—o—o—o—	POWER POLE	—o—o—o— DITCH
—x—x—x—	RIGHT OF WAY MARKER	—x—x—x— EXISTING RIGHT OF WAY LINE
—x—x—x—	SIGN	—x—x—x— PROPOSED RIGHT OF WAY LINE
—x—x—x—	BANK EDGE	—x—x—x— EXISTING EASEMENT LINE
—x—x—x—	BRIDGE DECK	—x—x—x— TEMPORARY EASEMENT LINE
—x—x—x—	WATER EDGE	—x—x—x— LOT LINE
—x—x—x—	PIPE CULVERT	—x—x—x— LAND SECTION LINE
—x—x—x—	CROPLINE	—x—x—x— ROADWAY CENTERLINE

REVISION	DATE	BY	REMARKS

CITY OF MORRISON/WHITESIDE COUNTY
M.S. 2300 (GENESEE CT.) OVER ROCK CREEK
STA. 20+00



LISTER ROAD
RIGHT-OF-WAY PLAT
SHEET 2 OF 2

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	18-00237-00-BR	WHITESIDE	117	117B
WHA# 1518D18		CONTRACT NO. 85786		
ILLINOIS FED. AID PROJECT HHN6(19)				