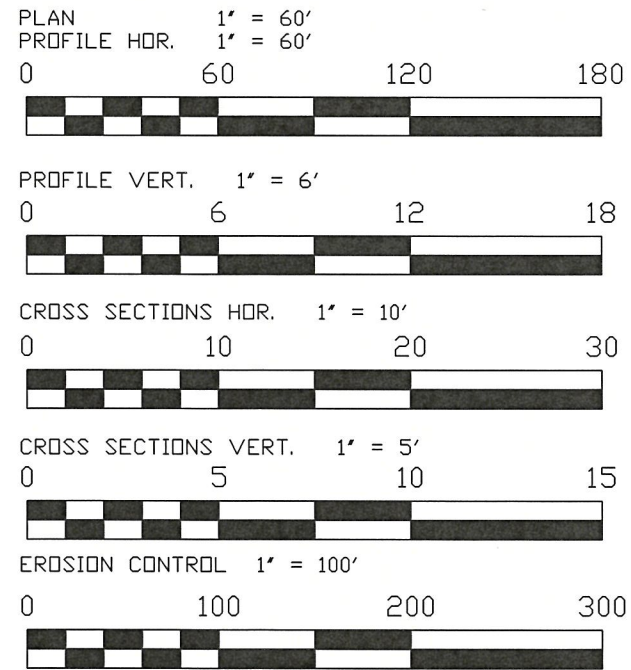


INDEX OF SHEETS

04-23-2021 LETTING ITEM 167

1. COVER SHEET
2. GENERAL NOTES, HIGHWAY STANDARDS, AND COMMITMENTS
3. SUMMARY OF QUANTITIES
- 4-5. TYPICAL SECTIONS
- 6-7. SCHEDULE OF QUANTITIES
- 8-9. PLAN AND PROFILE
10. EROSION CONTROL
11. ENTRANCE DETAILS
- 12-30. CROSS SECTIONS

SCALES



DESIGN CLASSIFICATION

ROAD CLASSIFICATION = RURAL MINOR COLLECTOR
 2019 ADT = 1200
 DESIGN SPEED 50 MPH
 RECONSTRUCTION DESIGN STANDARDS

UTILITIES

CALL J.U.L.I.E. BEFORE YOU DIG
 800-892-0123

ELECTRIC:

AMEREN ILLINOIS
 BELLEVILLE, ILLINOIS 62221
 (618) 236-4372

TELEPHONE/FIBER OPTIC:

HARRISONVILLE TELEPHONE COMPANY
 WATERLOO, ILLINOIS 62298
 (618) 939-6112

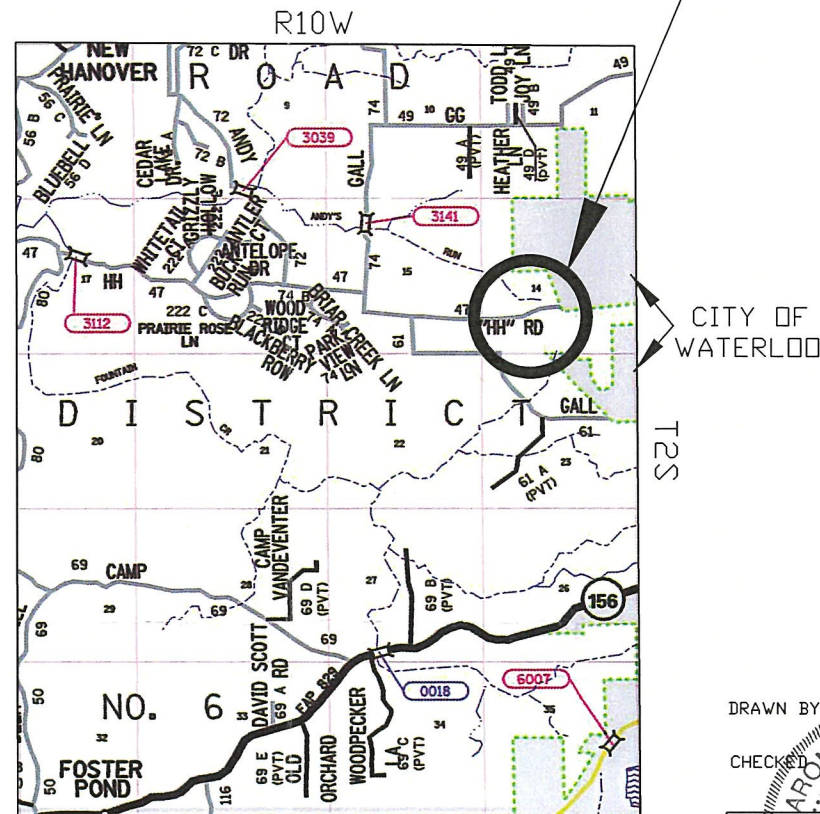
WATER:

FOUNTAIN WATER DISTRICT
 VALMEYER, ILLINOIS 62295
 (618) 935-2121

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 PLANS FOR PROPOSED
 LOCAL AGENCY IMPROVEMENT
 TR 47 HH ROAD S CURVE
 SECTION 10-06112-00-SP
 PROJECT LIQ5(766)

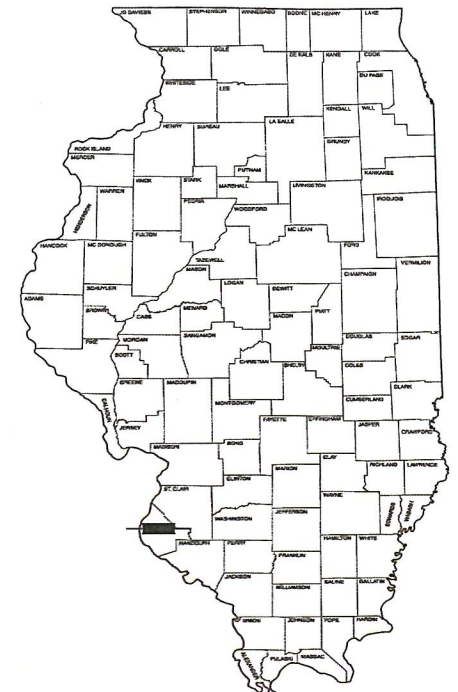
COUNTY OF MONROE ROAD DISTRICT NO. 6
 JOB NO. C-98-344-11
 HIGHWAY SAFETY IMPROVEMENT PROGRAM

PROJECT LOCATION
 STA. 17+73 TO STA. 33+00



LOCATION MAP
 SCALE: 1" = 1 MILE
 NET LENGTH = 1527 FEET = 0.289 MILES
 GROSS LENGTH = 1527 FEET = 0.289 MILES

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 47	10-06112-00-SP	MONROE	30	1
		ILLINOIS	CONTRACT NO. 97487	



LOCATION OF SECTION INDICATED THUS: [Symbol]

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

APPROVED: 1/13 20 21
[Signature]
 Commissioner
 Monroe County Road District No. 6

APPROVED: January 13 20 21
[Signature]
 Monroe County Engineer
 Monroe County Highway Department

Passed: February 4, 20 21
[Signature]
 District 8 Engineer
 Local Roads and Streets

Released for Bid Based on Limited Review
February 4, 20 21
[Signature]
 Region 5 Engineer

DRAWN BY: [Signature] DATE 11/19/2020
 CHECKED BY: [Signature] DATE 11/23/2020

DESIGN CERTIFICATION
 These plans were prepared by me or a full time member of my staff under my personal supervision.
 Aaron W. Metzger
 Registered Professional Engineer
 State of Illinois
 County Engineer
 Illinois Registered Professional Engineer No. 055382
 Date: 1/13/2021
 Expiration Date: 11/30/21

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

GENERAL NOTES

1. TRAFFIC CONTROL AND PROTECTION AND PROPER BARRICADES SHALL BE MAINTAINED BY THE CONTRACTOR.
2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE MONROE COUNTY HIGHWAY DEPARTMENT AT LEAST 48 HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL
3. USE ALL FLUORESCENT ORANGE 48" CONSTRUCTION SIGNS.
4. FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:
 ALL HOT-MIX ASPHALT - 112.0 LBS/SQ YD PER 1" THICKNESS
 ALL BITUMINOUS MATERIAL (TACK COAT) - 0.025 LB/SQ FT
 ALL BITUMINOUS MATERIAL (PRIME COAT) - 0.25 LB/SQ FT
 ALL AGGREGATE MATERIAL - 2.05 TON/CU YD
5. THE CONTRACTOR MAY MILL THE EXISTING ROADWAY 6" IN DEPTH AND USE THIS MATERIAL IN LIEU OF 5" OF SUBBASE GRANULAR MATERIAL. THE REMAINING 5" MUST BE PLACED IN ACCORDANCE WITH ARTICLE 311 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. EXISTING ROADWAY MATERIAL MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT AND COMPACTION APPROVED UPON PLACEMENT.
6. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
7. ACCESS SHALL BE PROVIDED TO/FROM PRIVATE ENTRANCES AT ALL LOCATIONS DURING ALL STAGES.
8. APRONS/DRIVES PAVED WITH EXTENDABLE SCREED WIDENERS WILL BE CONSIDERED AN INTEGRAL PART OF MAINLINE PAVING AND WILL NOT BE MEASURED FOR PAYMENT AS INCIDENTAL HOT-MIX ASPHALT SURFACING.
9. ANY AREA DISTURBED OUTSIDE THE CONSTRUCTION LIMITS DURING CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTORS EXPENSE.
10. EXISTING DITCHES/SWALES MAY NEED TO BE REGRADED OR RESHAPED TO ENSURE ALL FLOWS ENTER THE PROPER DITCH, CULVERT OR OTHER DRAINAGE APPURTENANCES DURING AND AT THE COMPLETION OF THE PROJECT. COST FOR THIS WORK IS CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.
11. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR, EQUIPMENT AND MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. NECESSARY ITEMS SUCH AS TEMPORARY DITCHES OR PIPES WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.
12. ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE IMPLEMENTED AS SHOWN IN THE PLANS AND APPLICABLE HIGHWAY STANDARDS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND SEDIMENT DOES NOT MIGRATE OFF SITE. IF EROSION CONTROL DEVICES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR OR REPLACE THE DEVICES.
13. EROSION AND SEDIMENT CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS.
14. REFER TO SPECIAL PROVISIONS FOR DEPTH OF PAVEMENT REMOVAL.

LIST OF STANDARDS

EROSION CONTROL	280001-07
PAVEMENT	482001-02
DRAINAGE	542401-04 602301-04 602401-07 604036-03
GUARDRAIL	630301-09 782006-01
SAFETY	642006-01
TRAFFIC CONTROL	701901-08
PAVEMENT MARKING	780001-05
LOCAL ROADS	B.L.R.-21-9 B.L.R.-23-4 B.L.R.-24-2 B.L.R.-26-3

SALVAGE: NONE

COMMITMENTS: NONE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS					
LOCATIONS	ALL				
RAP % (MAX)	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes= 70	4.0% @ Ndes= 50	4.0% @ Ndes= 30	4.0% @ Ndes=30	4.0% @ Ndes=70
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 19.0 L	IL 9.5 L	IL 9.5
MIXTURE USE	SURFACE	BINDER	SHOULDER BASE	SHOULDER SURFACE	INCIDENTAL
FRICTION AGGREGATE	MIXTURE D	MIXTURE C	MIXTURE C	MIXTURE C	MIXTURE D
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22

USER NAME * DESIGNED - DRAWN - CHECKED - DATE -	DESIGNED -	REVISED -	MONROE COUNTY HIGHWAY DEPARTMENT	GENERAL NOTES, HIGHWAY STANDARDS, AND COMMITMENTS	SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	RTE. SECTION COUNTY TOTAL SHEET NO. T.R. 47 10-06112-00-SP MONROE 30 2
	DRAWN -	REVISED -						CONTRACT NO. 97487
	CHECKED -	REVISED -						ILLINOIS FED. AID PROJECT
	DATE -	REVISED -						

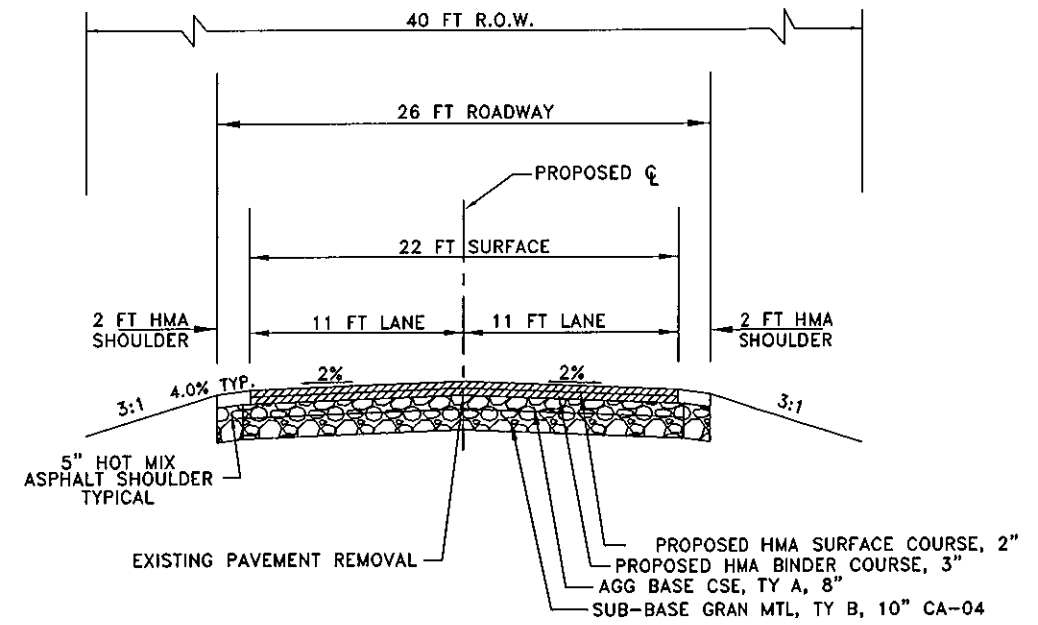
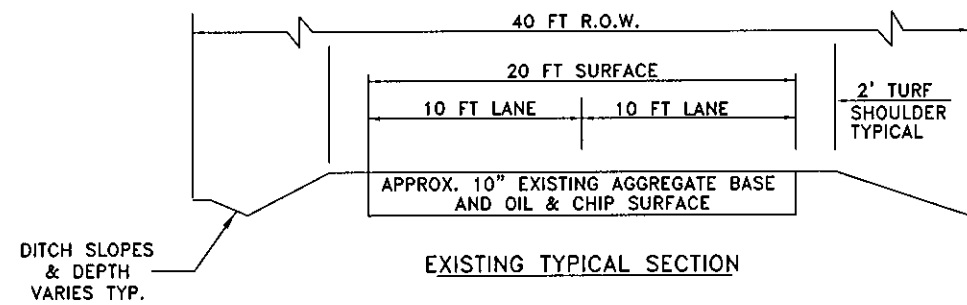
SUMMARY OF QUANTITIES			
CODE	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	2003
20800150	TRENCH BACKFILL	CU YD	245
25100115	MULCH METHOD, 2	ACRE	0.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100
28000305	TEMPORARY DITCH CHECKS	FT	150
28000400	PERIMETER EROSION BARRIER	FT	300
28000500	INLET AND PIPE PROTECTION	EACH	9
31101800	SUBBASE GRANULAR MATERIAL, TYPE B 10"	SQ YD	4673
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	4673
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	41
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9600
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	880
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	5
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	672
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	438
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	7
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	3
44000100	PAVEMENT REMOVAL	SQ YD	3556
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	85
48203100	HOT-MIX ASPHALT SHOULDERS	TON	219
50105220	PIPE CULVERT REMOVAL	FT	158

SUMMARY OF QUANTITIES			
CODE	ITEM	UNIT	QUANTITY
542C0229	PIPE CULVERT, CLASS C, TYPE 1, 24"	FT	56
54262724	METAL FLARED END SECTIONS 24"	EACH	2
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FT	609
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FT	598
60218400	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	8
Δ 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9' POSTS	FOOT	212.5
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3
64200108	SHOULDER RUMBLE STRIPS, 8"	FT	600
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FT	160
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	53.3
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FT	6400
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FT	6400
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKERS	EACH	20
Δ 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8
Δ LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	1
X0327301	RELOCATE EXISTING MAILBOX	EACH	2
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5
X2810708	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)	SQ YD	16.7
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	2133.3
# 20076600	TRAINEES	HOUR	500
# 20076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500

Δ SPECIALTY ITEMS

0042

USER NAME =	DESIGNED -	REVISED -	MONROE COUNTY HIGHWAY DEPARTMENT	SUMMARY OF QUANTITIES	RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE =	DRAWN -	REVISED -			T.R. 47	10-06112-00-SP	MONROE	30	3	
PLOT DATE =	CHECKED -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 97487	ILLINOIS FED. AID PROJECT
	DATE -	REVISED -								



PROPOSED TYPICAL TANGENT SECTION

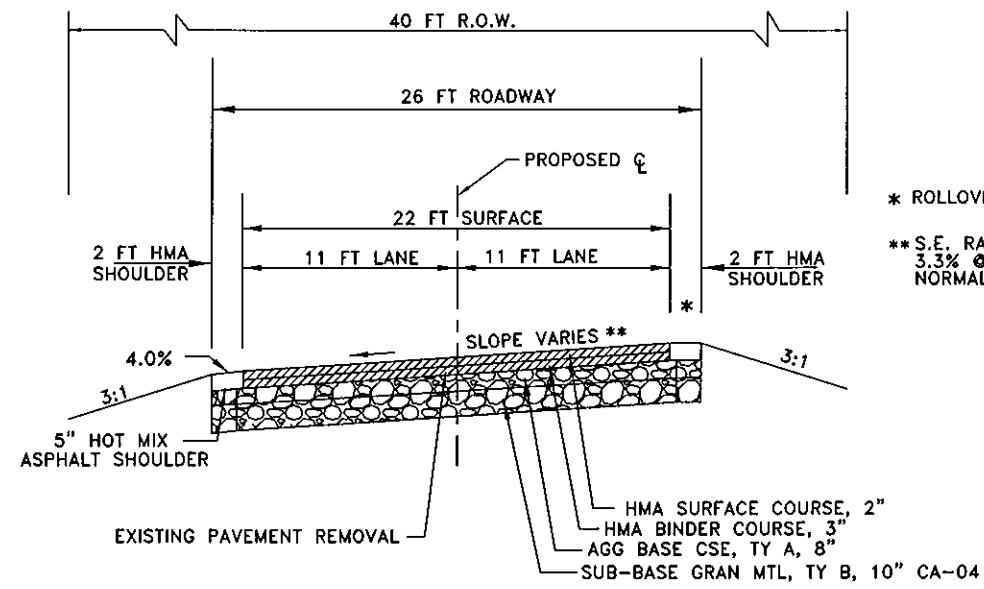
STA. 17+73.00 TO STA. 19+08.97
 STA. 24+43.63 TO STA. 26+41.20
 STA. 31+17.20 TO STA. 33+00.00

USER NAME *	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE *	CHECKED -	REVISED -
PLOT DATE *	DATE -	REVISED -

MONROE COUNTY
 HIGHWAY DEPARTMENT

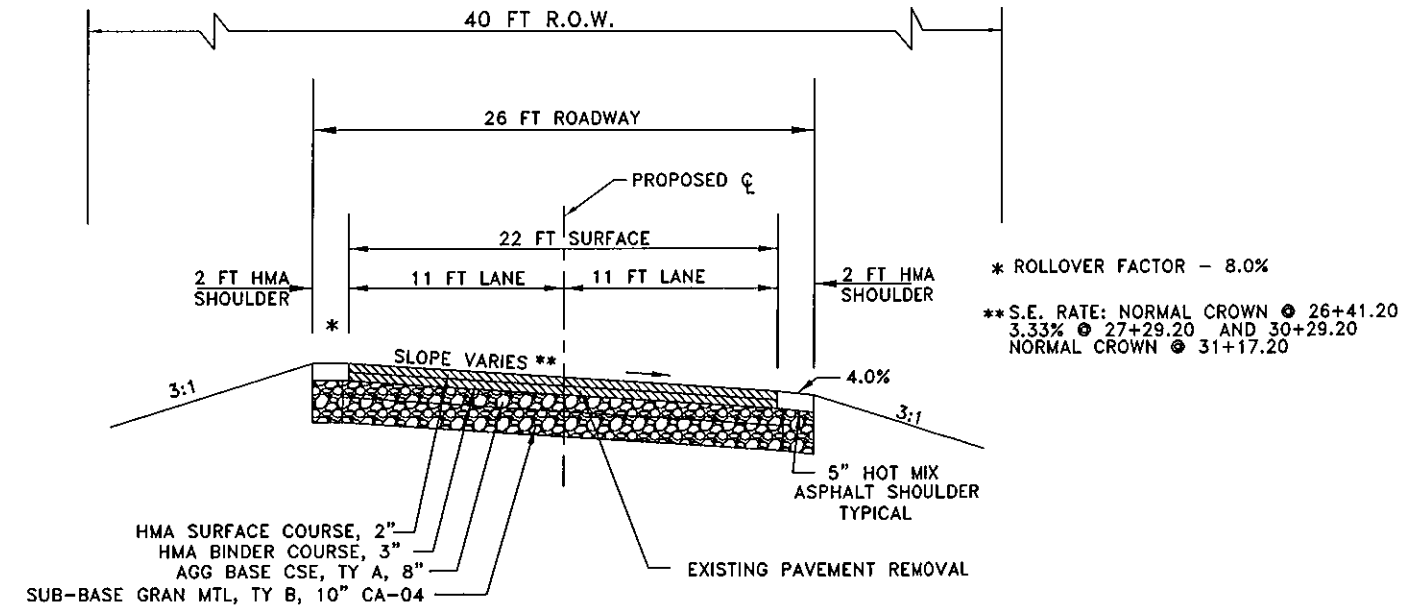
TYPICAL SECTIONS
 SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 47	10-06112-00-SP	MONROE	30	4
CONTRACT NO.			97487	
ILLINOIS FED. AID PROJECT				



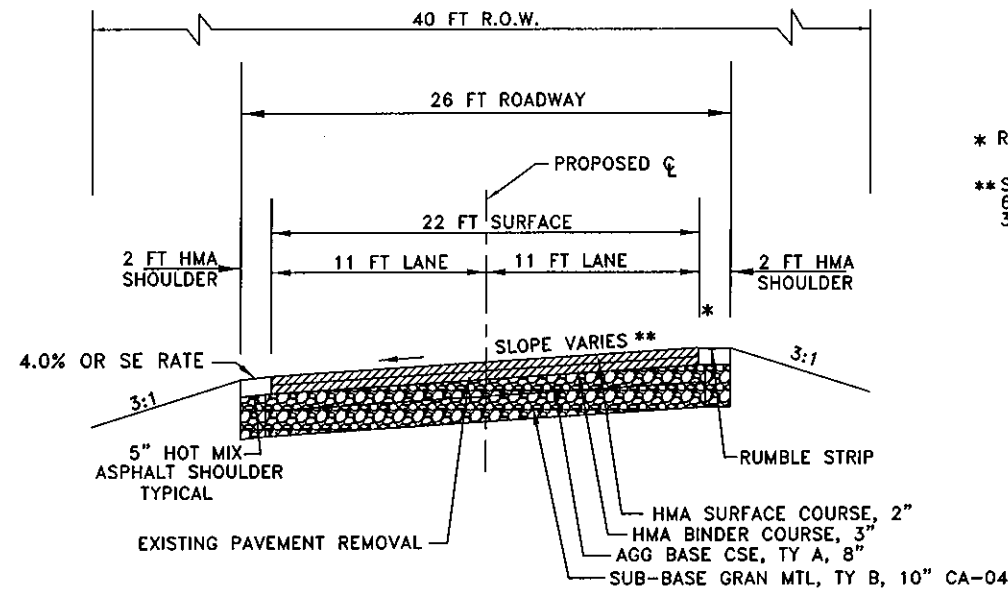
* ROLLOVER FACTOR - 8.0%
 ** S.E. RATE: NORMAL CROWN @ 19+08.97
 3.3% @ 20+26.30 AND 23+26.30
 NORMAL CROWN @ 24+43.63

PROPOSED SUPERELEVATED SECTION
 STA. 19+08.97 TO STA. 20+26.30
 STA. 23+26.30 TO STA. 24+43.63



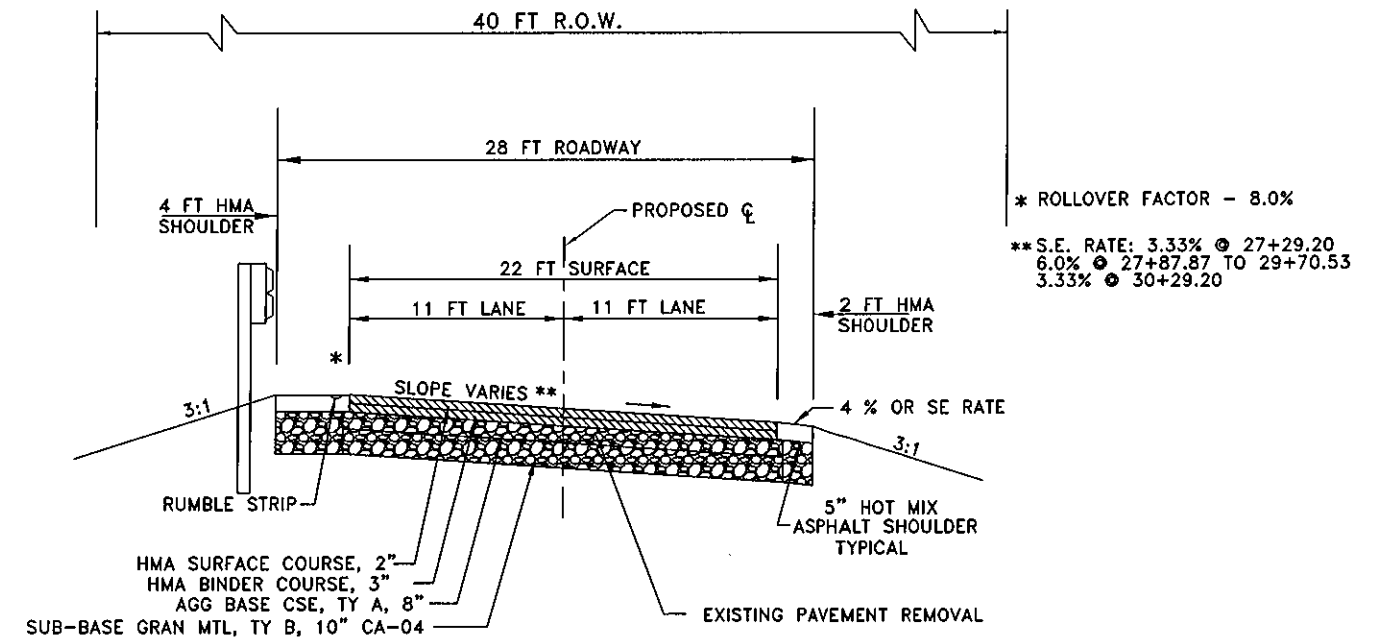
* ROLLOVER FACTOR - 8.0%
 ** S.E. RATE: NORMAL CROWN @ 26+41.20
 3.33% @ 27+29.20 AND 30+29.20
 NORMAL CROWN @ 31+17.20

PROPOSED SUPERELEVATED SECTION
 STA. 26+41.20 TO STA. 27+29.20
 STA. 30+29.20 TO STA. 31+17.20



* ROLLOVER FACTOR - 8.0%
 ** S.E. RATE: 3.3% @ 20+26.30
 6.0% @ 20+84.97 TO 22+67.63
 3.3% @ 23+26.30

PROPOSED SUPERELEVATED SECTION
 STA. 20+26.30 TO STA. 23+26.30
 SHOULDER RUMBLE STRIP PER STANDARD (RIGHT SIDE)



* ROLLOVER FACTOR - 8.0%
 ** S.E. RATE: 3.33% @ 27+29.20
 6.0% @ 27+87.87 TO 29+70.53
 3.33% @ 30+29.20

PROPOSED SUPERELEVATED SECTION
 STA. 27+29.20 TO STA. 30+29.20
 SHOULDER RUMBLE STRIP PER STANDARD (LEFT SIDE)

USER NAME *	DESIGNED -	REVISED -
PLOT SCALE *	DRAWN -	REVISED -
PLOT DATE *	CHECKED -	REVISED -
	DATE -	REVISED -

MONROE COUNTY
 HIGHWAY DEPARTMENT

TYPICAL SECTIONS

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 47	10-06112-00-SP	MONROE	30	5
CONTRACT NO. 97487			ILLINOIS' FEB. AID PROJECT	

EARTH EXCAVATION QUANTITIES				
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION W/ 25% SHRINKAGE	EMBANKMENT REQUIRED	EARTH EXCAVATION BALANCE
	CU YD	CU YD	CU YD	CU YD
STA. 17+73 TO STA. 33+00	2003	1502	211	1291
TOTAL	2003	1502	211	1291

HOT-MIX ASPHALT QUANTITIES						
LOCATION	HMA SURFACE COURSE IL - 9.5 MIX "D" N70	HMA BINDER COURSE IL-19.0 N50	HMA SHOULDER	PAVEMENT REMOVAL	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)
	TON	TON	TON	SQ YD	LB	LB
STA. 17+73 TO STA. 33+00	438	672	219	3556	9600	880
TOTAL	438	672	219	3556	9600	880

AGGREGATE QUANTITIES			
LOCATION	SUBBASE GRANULAR MATERIAL, TYPE B 10'	AGGREGATE BASE COURSE, TYPE A 8'	AGGREGATE FOR TEMPORARY ACCESS
	SQ YD	SQ YD	TON
STA. 17+73 TO STA. 33+00	4673	4673	100
TOTAL	4673	4673	100

ENTRANCE QUANTITIES							
LOCATION	SIDE	DRIVEWAY PAVEMENT REMOVAL	HMA SURFACE REMOVAL BUTT-JOINT	AGGREGATE SURFACE COURSE TYPE B	INCIDENTAL HMA SURFACING	INCIDENTAL BITUMINOUS MATERIALS (TACK COAT)	RELOCATE EXISTING MAILBOX
STATION		SQ YD	SQ YD	TON	TON	LB	EACH
23+54.31	LT	20		13			
23+62.13	RT						1
26+21.49	RT	20			3	7	1
31+24.90	RT	45	5	28			
TOTAL		85	5	41	3	7	2

EROSION CONTROL QUANTITIES						
LOCATION	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	TEMPORARY EROSION CONTROL SEEDING	SEEDING CLASS 2 (SPECIAL)	MULCH METHOD 2
	FOOT	FOOT	EACH	LB	ACRE	ACRE
STA. 17+73 TO STA. 33+00	150	300	9	100	0.5	0.5
TOTAL	150	300	9	100	0.5	0.5

RUMBLE STRIP QUANTITIES		
LOCATION	SIDE	SHOULDER RUMBLE STRIPS 8'
	LT/RT	FOOT
STA. 20+26.30 TO STA. 23+26.30	RT	300
STA. 27+29.20 TO STA. 30+29.20	LT	300
TOTAL		600

USER NAME *	DESIGNED -	REVISED -	MONROE COUNTY HIGHWAY DEPARTMENT	SCHEDULE OF QUANTITIES		ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE *	DRAWN -	REVISED -				T.R. 47	10-06112-00-SP	MONROE	30	6
PLOT DATE *	CHECKED -	REVISED -		SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 97487		
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

DRAINAGE QUANTITIES								
LOCATION	SIDE	PIPE CULVERT REMOVAL	PIPE CULVERT CLASS C TYPE 1 24'	METAL FLARED END SECTIONS 24'	STORM SEWERS CLASS B TYPE 1 12'	STORM SEWERS CLASS B TYPE 1 15'	TRENCH BACKFILL	STONE DUMPED RIPRAP CLASS A4 (SPECIAL)
STATION		FOOT	FOOT	EACH	FOOT	FOOT	CU YD	SQ YD
23+54.31	LT	20						
26+21.49	RT	40						
28+49.16	€	49						
28+76.72	€	49	56					
28+76.72	LT			1				
28+76.72	RT			1				16.7
22+50 TO 23+34	LT				84		18	
23+34 TO 28+76	LT					542	109	
23+00 TO 28+25	RT				525		102	
28+25 TO 28+81	RT					56	16	
TOTAL		158	56	2	609	598	245	16.7

DRAINAGE STRUCTURE QUANTITIES				
LOCATION	OFFSET	SIDE	MANHOLES TYPE A, 4' DIAMETER TYPE 1 FRAME, CLOSED LID	INLETS TYPE A
STATION	FOOT	LT/RT	EACH	EACH
22+50	15.03	LT		1
23+00	17.00	RT		1
23+34	16.00	LT		1
25+50	15.50	LT		1
26+00	14.50	RT		1
28+30	20.00	LT		1
28+25	15.50	RT		1
28+75.4	17.00	LT	1	
28+81	16.00	RT		1
		TOTAL	1	8

PAVEMENT MARKING QUANTITIES								
LOCATION	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4'		TEMPORARY PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 4'		RAISED REFLECTIVE PAVEMENT MARKERS
	FOOT	SQUARE FOOT	CENTERLINE SOLID FOOT	EDGE LINE SOLID FOOT	SQUARE FOOT	CENTERLINE SOLID FOOT	EDGE LINE SOLID FOOT	
STA. 17+73 TO STA. 33+00	160	53.3	3200	3200	2133.3	3200	3200	20
SUBTOTAL			3200	3200		3200	3200	
TOTAL	160	53.3	6400		2133.3	6400		20

GUARDRAIL QUANTITIES					
LOCATION	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A 9' POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1	GUARDRAIL REFLECTORS TYPE A
	LT/RT	FOOT	EACH	EACH	EACH
STA 27+29.2	LT		1		
STA 27+29.2 TO STA 27+91.7	LT	62.5			4
STA 27+91.7 TO STA 28+41.7	LT			1	
STA 28+79.2	LT		1		
STA 28+79.2 TO STA 30+29.2	LT	150			4
STA 30+29.2	LT		1		
TOTAL		212.5	3	1	8

USER NAME *	DESIGNED -	REVISED -	MONROE COUNTY HIGHWAY DEPARTMENT	SCHEDULE OF QUANTITIES		RTE.	SECTION	COUNTY	TOTAL SHEET
PLOT SCALE *	DRAWN -	REVISED -				T.R. 47	10-06112-00-SP	MONROE	30
PLOT DATE *	CHECKED -	REVISED -		SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 97487	
	DATE -	REVISED -						ILLINOIS FED. AID PROJECT	

PROPERTY OWNER
BRIAN SCHILLING

PROPERTY OWNER
ANGELA A. MOST TRUST ETAL

INLET TY A TY 8 GRATE
STA. 23+00
OS 17.0 FT RT.
INV EL = 612.3
TOP EL = 615.21

INLET TY A TY 8 GRATE
STA. 23+34
OS 16.0 FT LT.
INV EL = 611.13
TOP EL = 614.24

INLET TY A TY 8 GRATE
STA. 22+50
OS 15.03 FT LT.
INV EL = 611.8
TOP EL = 614.72

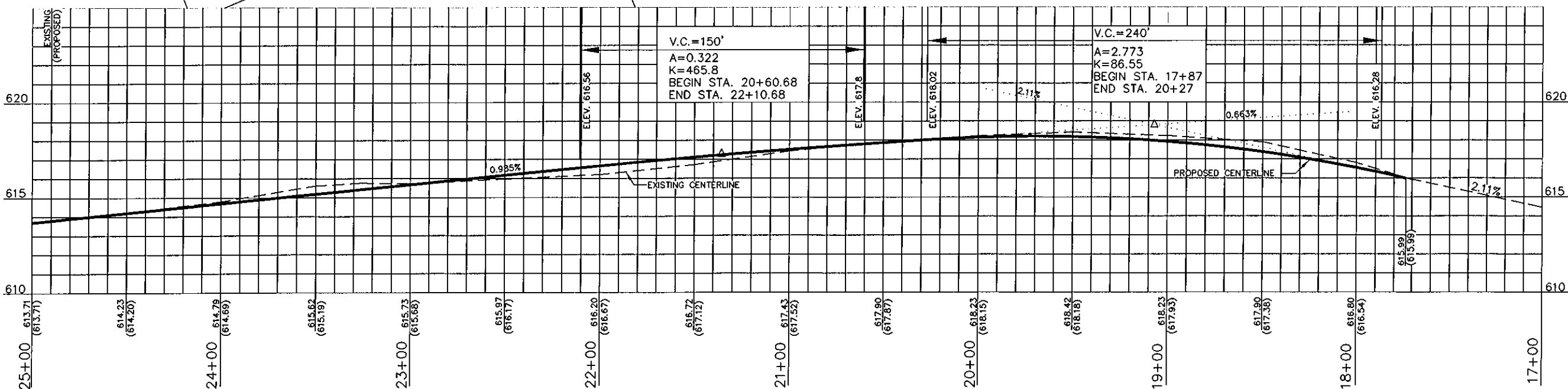
PROPOSED CURVE

L=300.0 FT.
R=894.71 FT.
 $\Delta=19^{\circ}12'41''$
C LEN=298.6 FT.
BRC=N78°31'57"E
T=151.42 FT.
D=6°24'14"
S.E. RATE - 6.0%
S.E. - STA. 19+08.97 TO STA. 20+84.97
S.E. - STA. 22+67.63 TO STA. 24+43.63

TRANSITION PAVEMENT SLOPE, SHOULDER, DITCH AND BACKSLOPE TO MATCH EXISTING: STA. 19+00 TO STA. 17+73. REFER TO CROSS SECTIONS.

CONTRACTOR MAY RECLAIM ENTIRE ROAD, 20' WIDE, TO A DEPTH OF 6" AND REMOVE AND STOCKPILE THE AGGREGATE MATERIAL TO BE USED AS SUBBASE GRANULAR MATERIAL PER THE SECTIONS, SPECIFICATIONS AND PER ENGINEER APPROVAL.

EXISTING C FROM PROPOSED C	
STA. 19+83.68	0.00 FT.
STA. 20+00	0.18 FT. RT.
STA. 21+00	0.49 FT. RT.
STA. 22+00	1.20 FT. RT.
STA. 22+84.50	0.42 FT. RT.
STA. 23+00	0.35 FT. RT.
STA. 23+57.10	0.00 FT.



USER NAME =	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
CHECKED -	REVISED -	REVISED -
DATE -	REVISED -	REVISED -

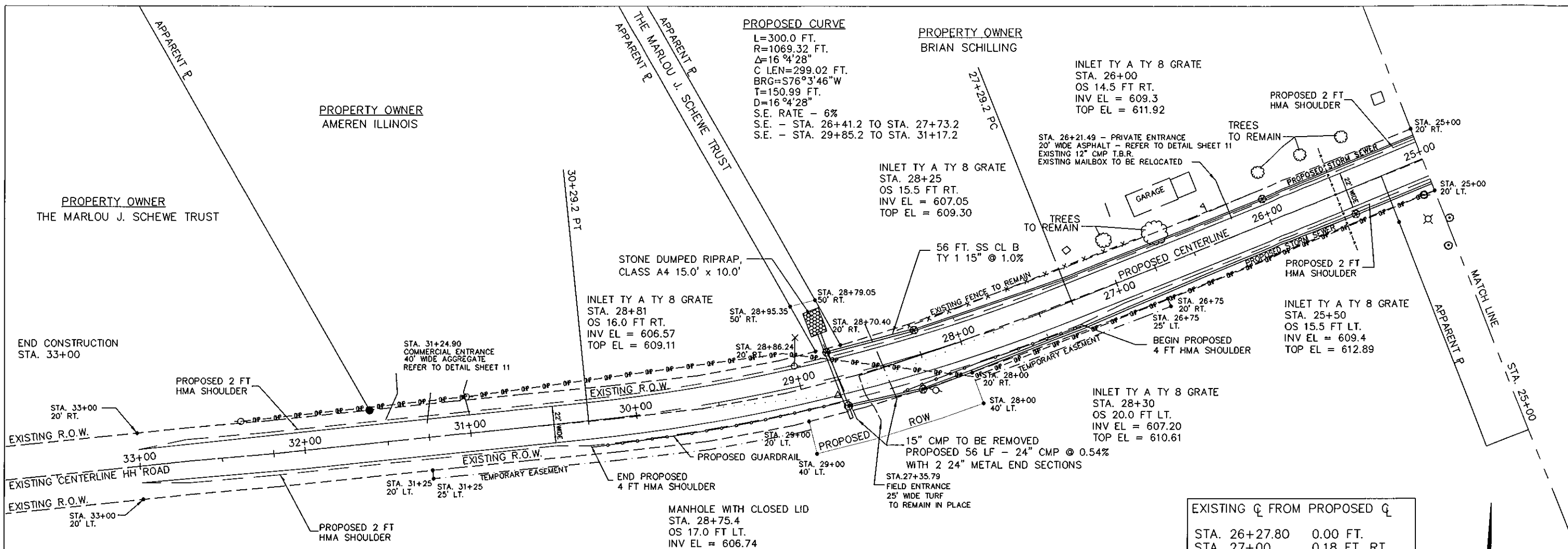
MONROE COUNTY
HIGHWAY DEPARTMENT

PLAN & PROFILE

SCALE: 1" = 60' SHEET 1 OF 2 SHEETS STA. 17+00 TO STA. 25+00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RTE. 47	10-06112-00-SP	MONROE	30	8
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				

s:/road district no. 6/hh s curve/plan



PROPOSED CURVE
 L=300.0 FT.
 R=1069.32 FT.
 $\Delta=16^{\circ}04'28''$
 C LEN=299.02 FT.
 BRG=S76°3'46"W
 T=150.99 FT.
 D=16°04'28"
 S.E. RATE - 6%
 S.E. - STA. 26+41.2 TO STA. 27+73.2
 S.E. - STA. 29+85.2 TO STA. 31+17.2

PROPERTY OWNER
 BRIAN SCHILLING

INLET TY A TY 8 GRATE
 STA. 26+00
 OS 14.5 FT RT.
 INV EL = 609.3
 TOP EL = 611.92

INLET TY A TY 8 GRATE
 STA. 28+25
 OS 15.5 FT RT.
 INV EL = 607.05
 TOP EL = 609.30

STONE DUMPED RIPRAP,
 CLASS A4 15.0' x 10.0'

INLET TY A TY 8 GRATE
 STA. 28+81
 OS 16.0 FT RT.
 INV EL = 606.57
 TOP EL = 609.11

INLET TY A TY 8 GRATE
 STA. 25+50
 OS 15.5 FT LT.
 INV EL = 609.4
 TOP EL = 612.89

INLET TY A TY 8 GRATE
 STA. 28+30
 OS 20.0 FT LT.
 INV EL = 607.20
 TOP EL = 610.61

MANHOLE WITH CLOSED LID
 STA. 28+75.4
 OS 17.0 FT LT.
 INV EL = 606.74
 TOP EL = 610.31

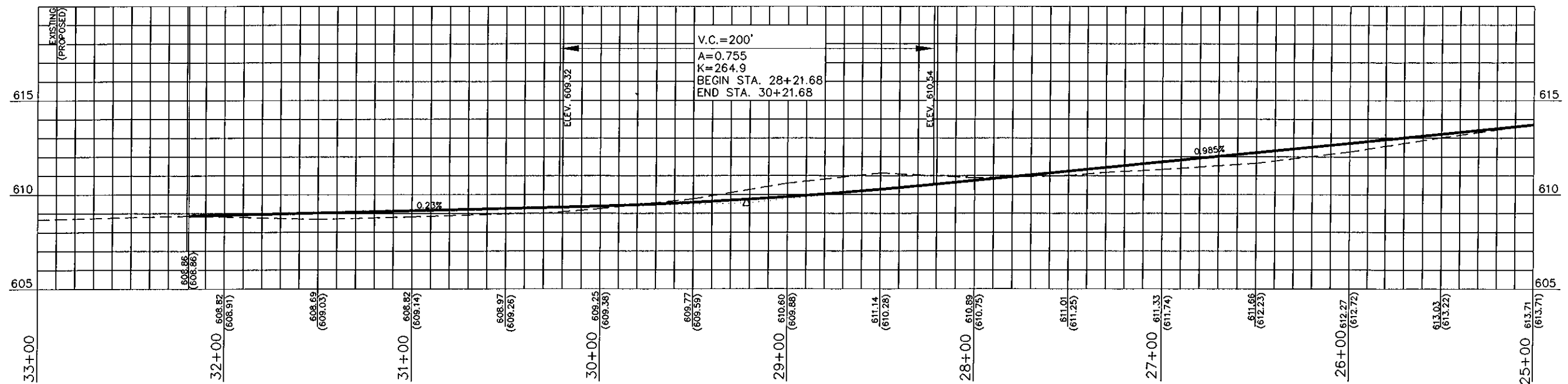
CONTRACTOR MAY RECLAIM ENTIRE ROAD, 20' WIDE, TO A DEPTH OF 6" AND REMOVE AND STOCKPILE THE AGGREGATE MATERIAL TO BE USED AS SUBBASE GRANULAR MATERIAL PER THE SECTIONS, SPECIFICATIONS AND PER ENGINEER APPROVAL.

EXISTING Q FROM PROPOSED Q	
STA. 26+27.80	0.00 FT.
STA. 27+00	0.18 FT. RT.
STA. 27+29.20	0.64 FT. RT.
STA. 28+00	0.28 FT. RT.
STA. 29+00	2.11 FT. LT.
STA. 30+00	0.61 FT. LT.
STA. 30+29.20	0.28 FT. LT.
STA. 30+72.52	0.00 FT.



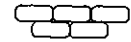
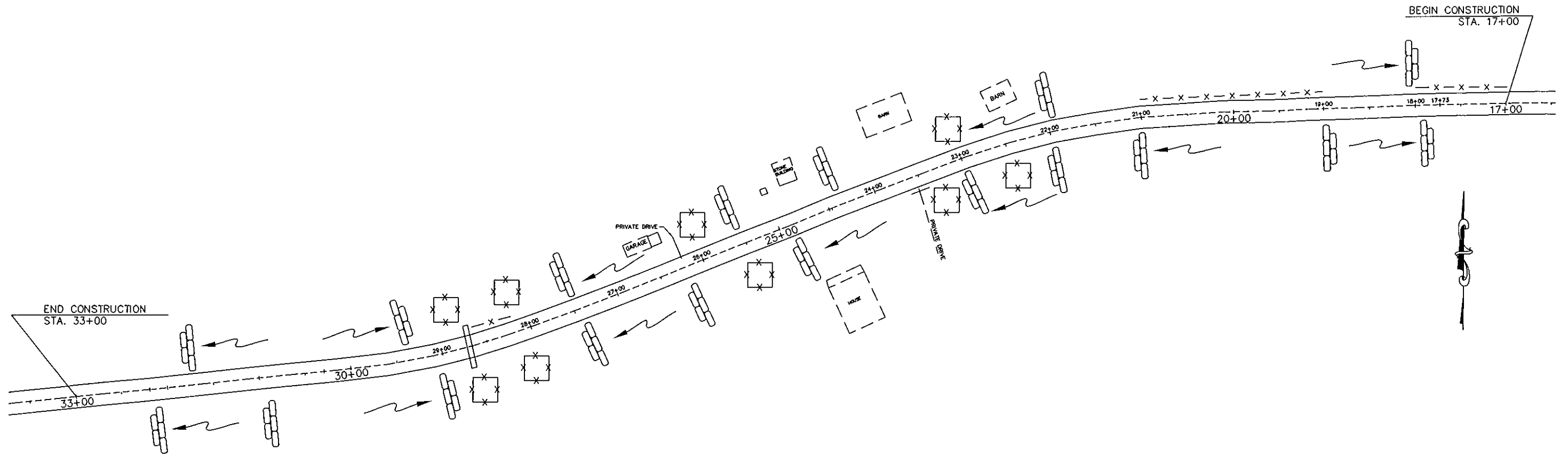
TRANSITION TO EXISTING STA. 32+00 TO STA. 33+00
 FEATHEREDGE HOT MIX ASPHALT

PROPERTY OWNER
 RONALD W.E. SCHEWE AND
 JOY E.E. SCHEWE

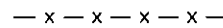


s:/road district no. 6/hh s curve/plan

USER NAME =	DESIGNED -	REVISED -	MONROE COUNTY HIGHWAY DEPARTMENT	PLAN & PROFILE	RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	CHECKED -	REVISED -			R. 47	10-06112-00-SP	MONROE	30	9
PLOT SCALE =	DATE -	REVISED -			SCALE: 1" = 60'		SHEET 2 OF 2 SHEETS		STA. 25+00 TO STA. 33+00
PLOT DATE =					ILLINOIS FED. AID PROJECT		CONTRACT NO. 97487		



TEMPORARY DITCH CHECK



PERIMETER EROSION BARRIER

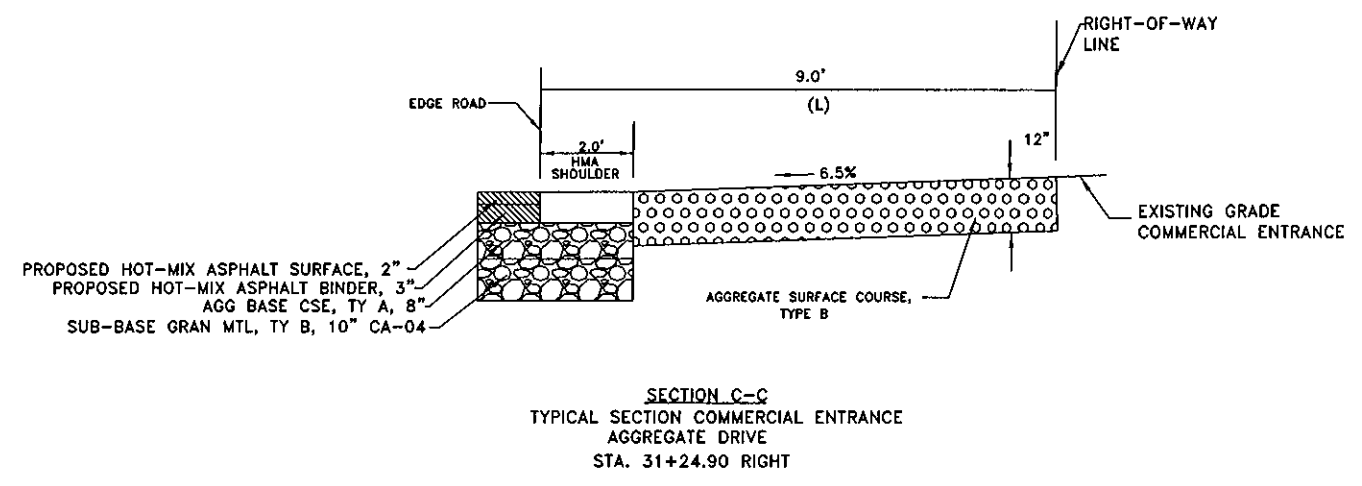
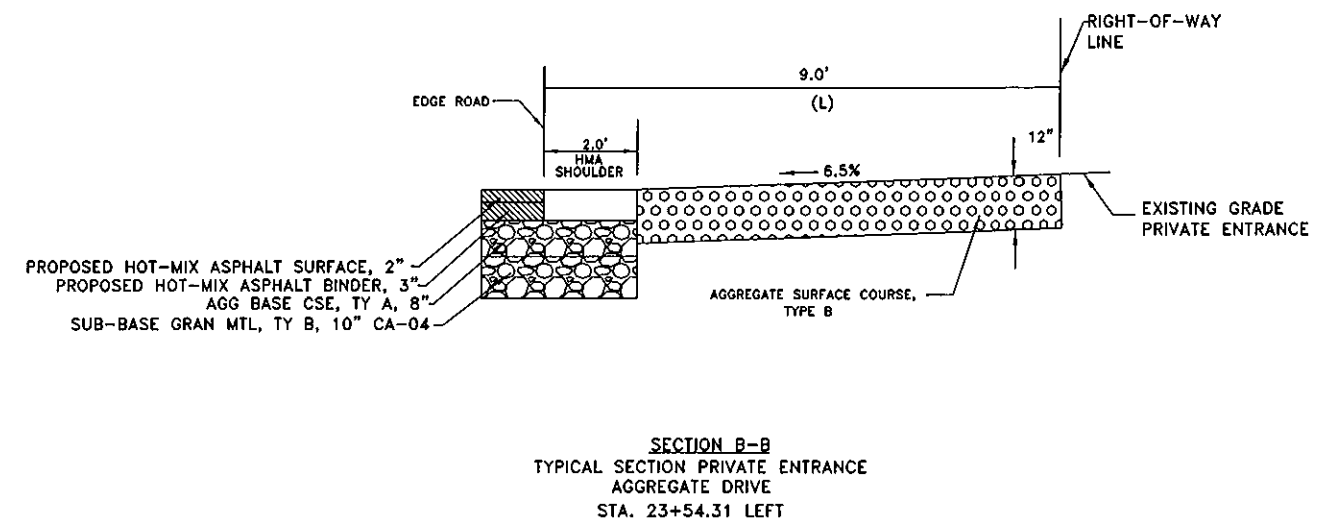
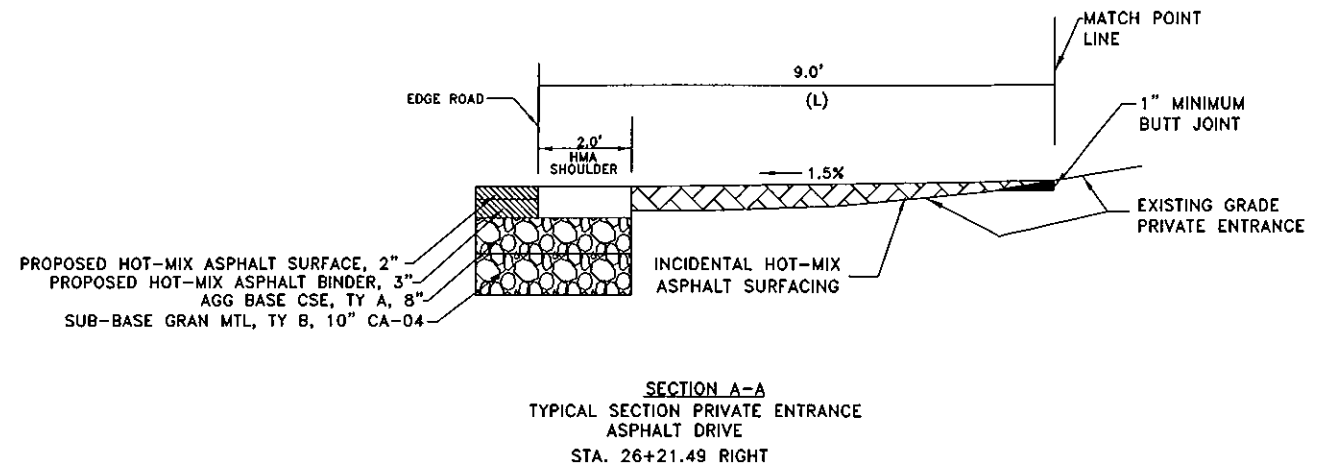
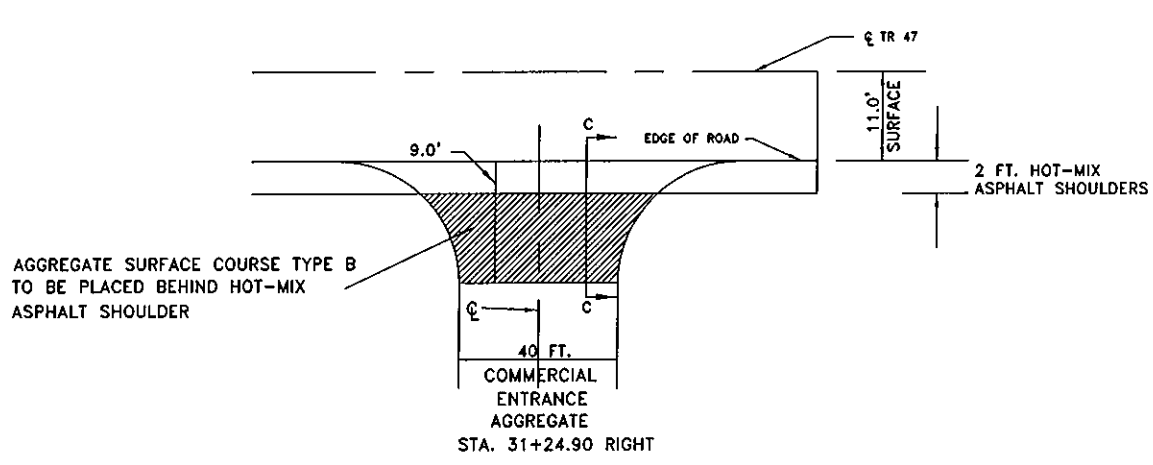
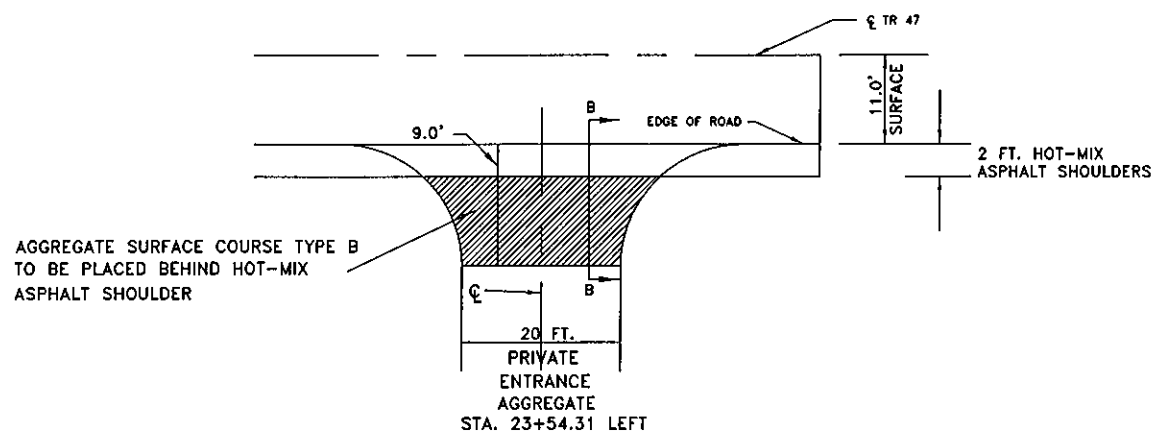
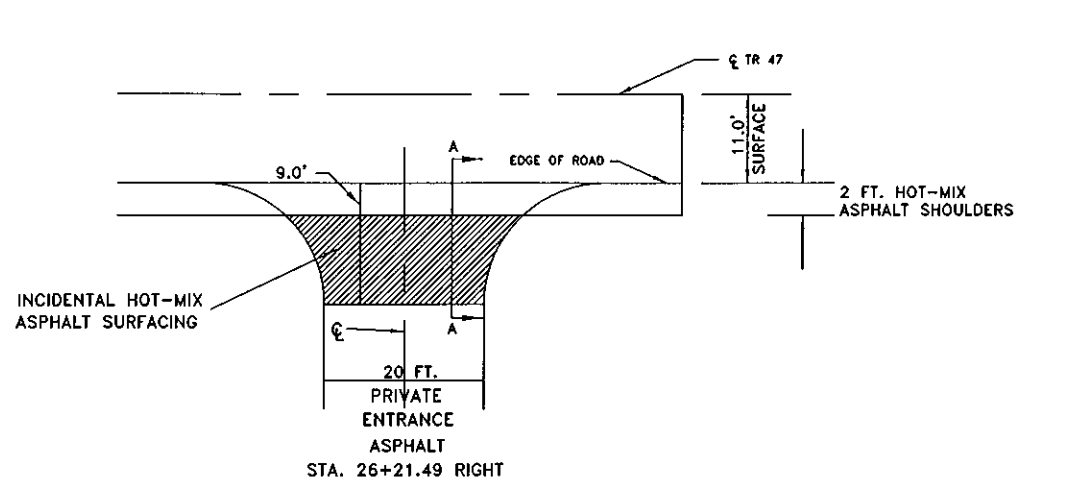


INLET & PIPE PROTECTION

NOTE: EROSION CONTROL MEASURES SHALL BE INSTALLED AS PER THE PLAN, AS DIRECTED BY THE ENGINEER AND AS PER STANDARD 280001-07.
 MEASURES SHOWN ON THIS PLAN ARE NOT ALL INCLUSIVE BUT SHOULD BE USED AS A GUIDE.
 MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.
 TEMPORARY SEEDING SHALL BE APPLIED PER ART. 280.04(F).



USER NAME = DRAWN = CHECKED = PLOT DATE =	DESIGNED -	REVISED -	MONROE COUNTY HIGHWAY DEPARTMENT	EROSION CONTROL		RTE. T.R. 47	SECTION 10-06112-00-SP	COUNTY MONROE	TOTAL SHEETS 30	SHEET NO. 10	
	DATE -	REVISED -		SCALE: 1" = 100'	SHEET 1 OF 1 SHEETS	STA. 17+00 TO STA. 33+00	ILLINOIS FED. AID PROJECT				



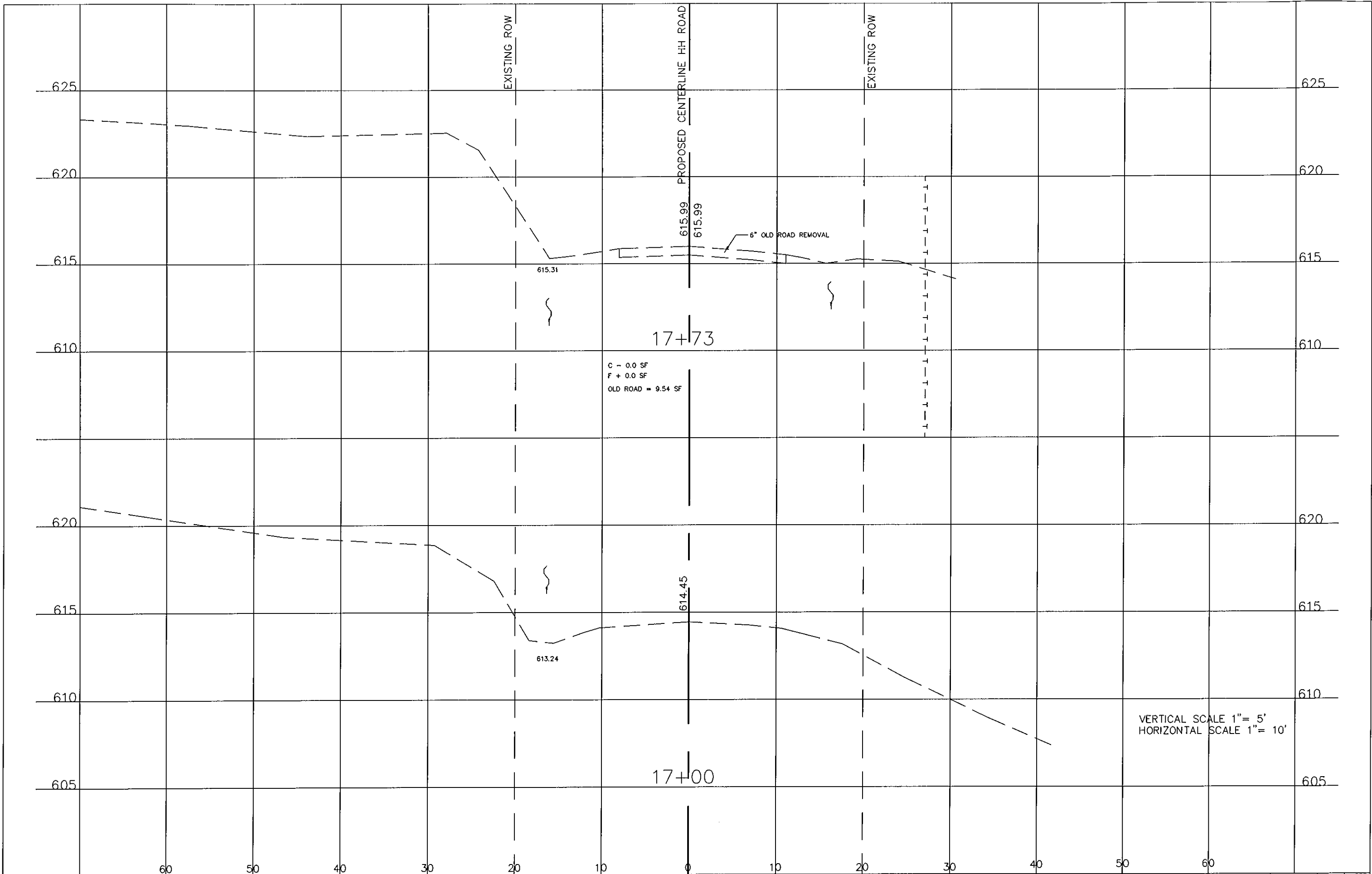
USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

ENTRANCE DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEET NO.
T.R. 47	10-06112-00-SP	MONROE	30 11
			CONTRACT NO. 97487
ILLINOIS FED. AID PROJECT			

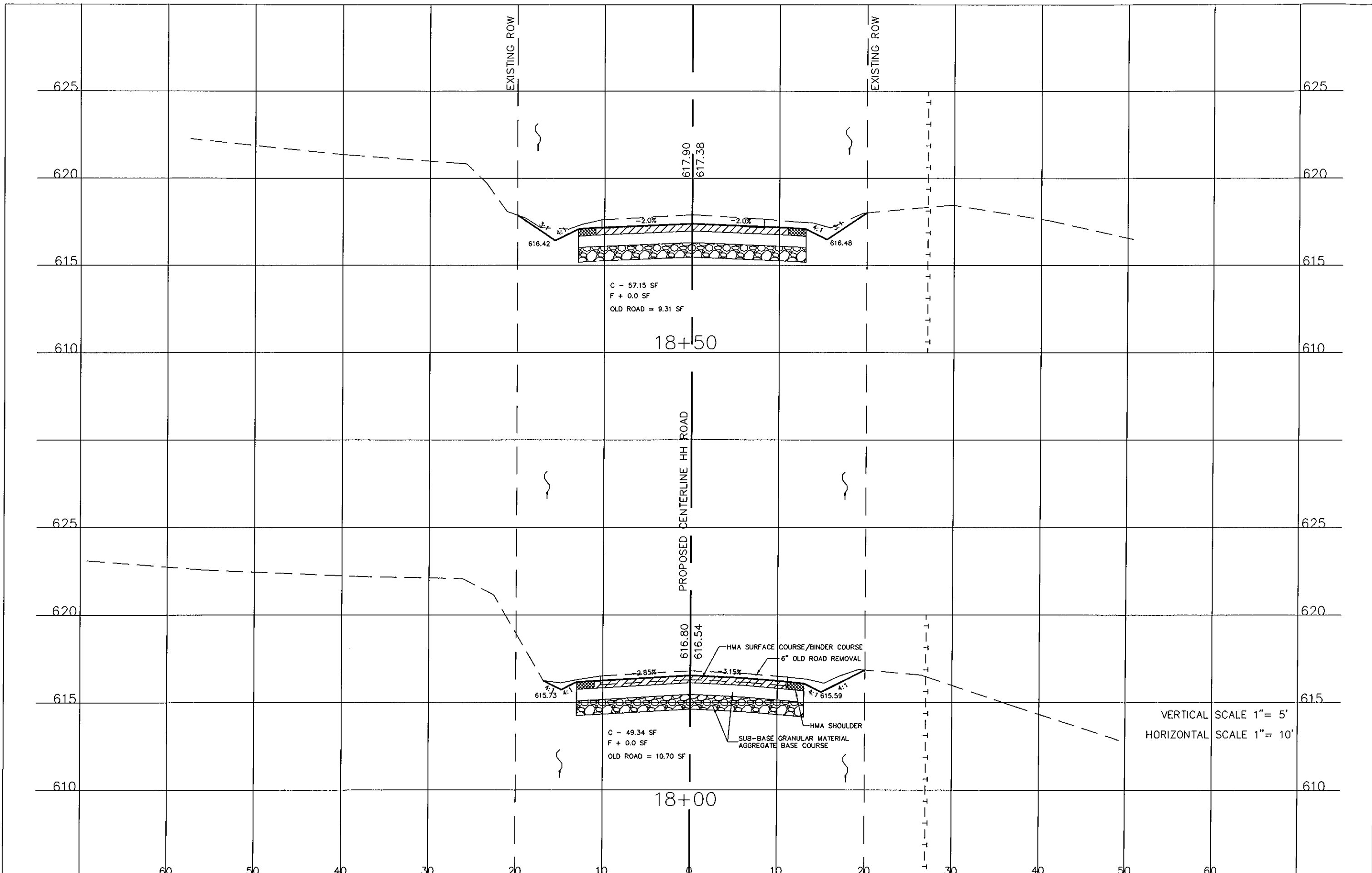


USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS
SCALE: SHEET 1 OF 19 SHEETS STA. 17+00 TO STA. 17+73

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 47	10-06112-00-SP	MONROE	30	12
CONTRACT NO. 97487			ILLINOIS FED. AID PROJECT	



C - 57.15 SF
 F + 0.0 SF
 OLD ROAD = 9.31 SF

C - 49.34 SF
 F + 0.0 SF
 OLD ROAD = 10.70 SF

HMA SURFACE COURSE/BINDER COURSE
 6" OLD ROAD REMOVAL
 HMA SHOULDER
 SUB-BASE GRANULAR MATERIAL AGGREGATE
 BASE COURSE

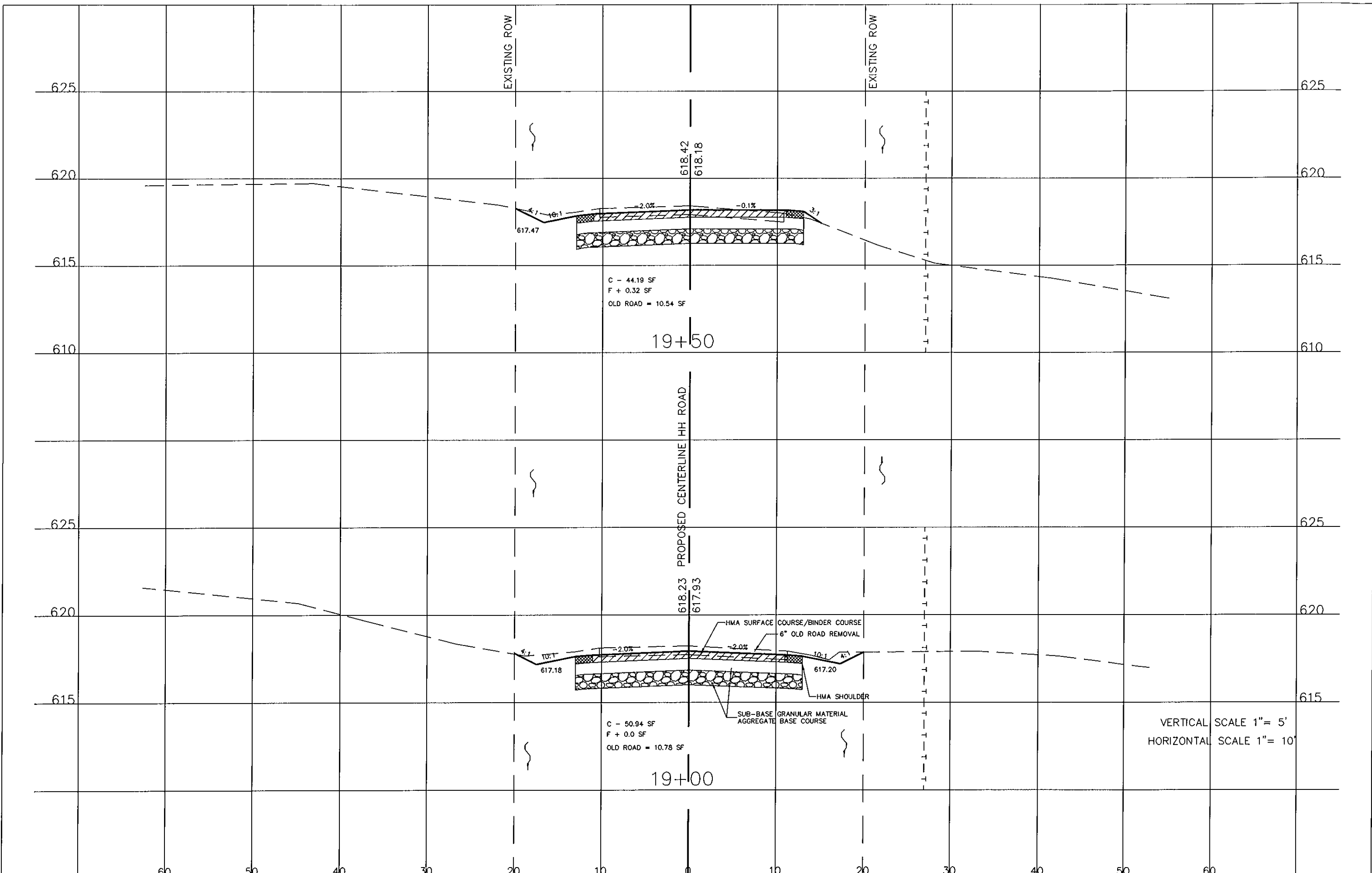
VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 10'

USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

MONROE COUNTY
 HIGHWAY DEPARTMENT

CROSS SECTIONS
 SCALE: SHEET 2 OF 19 SHEETS STA. 18+00 TO STA. 18+50

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. 47	10-06112-00-SP	MONROE	30	13
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 10'

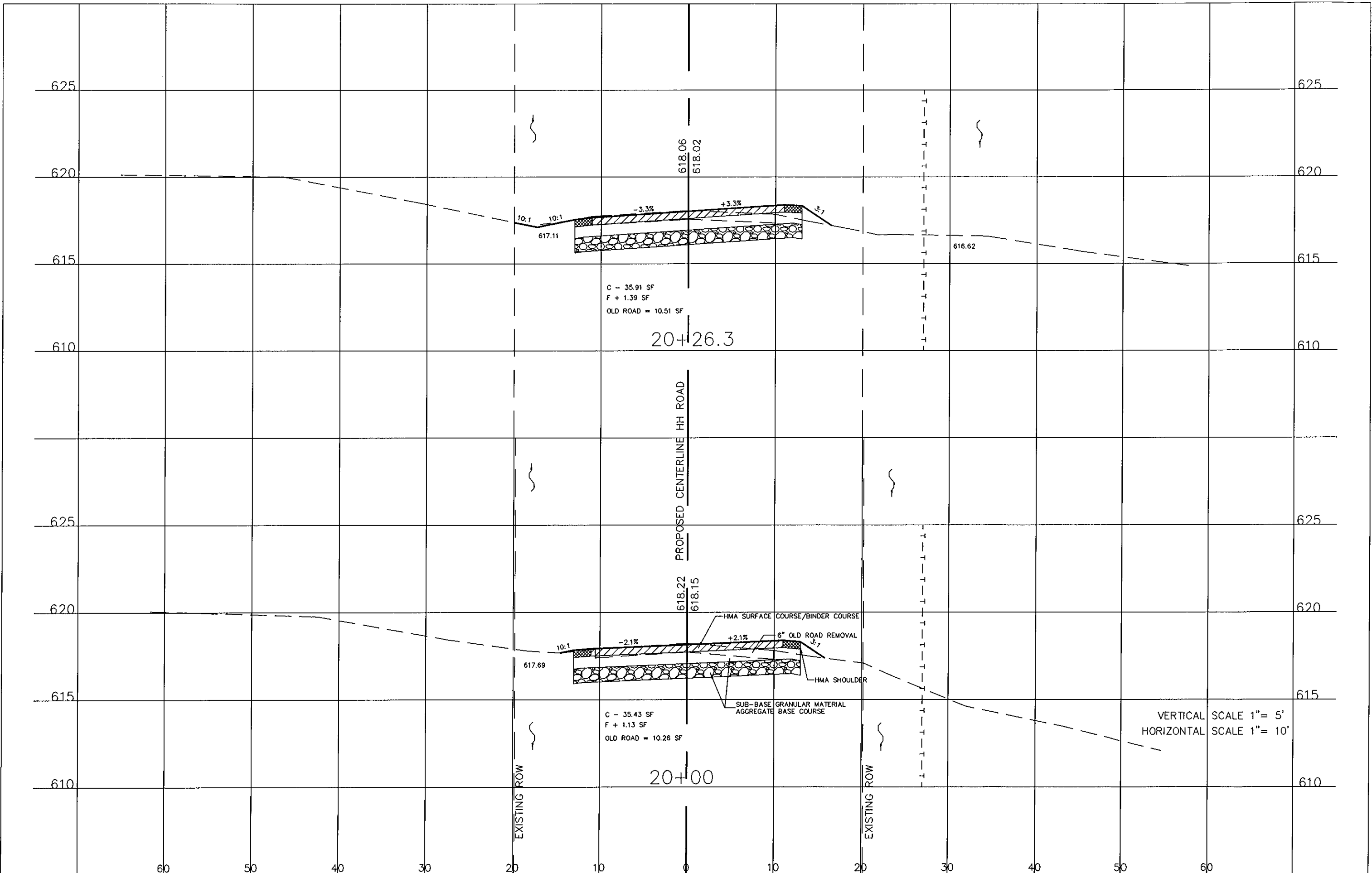
USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

MONROE COUNTY
 HIGHWAY DEPARTMENT

CROSS SECTIONS

SCALE: SHEET 3 OF 19 SHEETS STA. 19+00 TO STA. 19+50

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. 47	10-06112-00-SP	MONROE	30	14
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



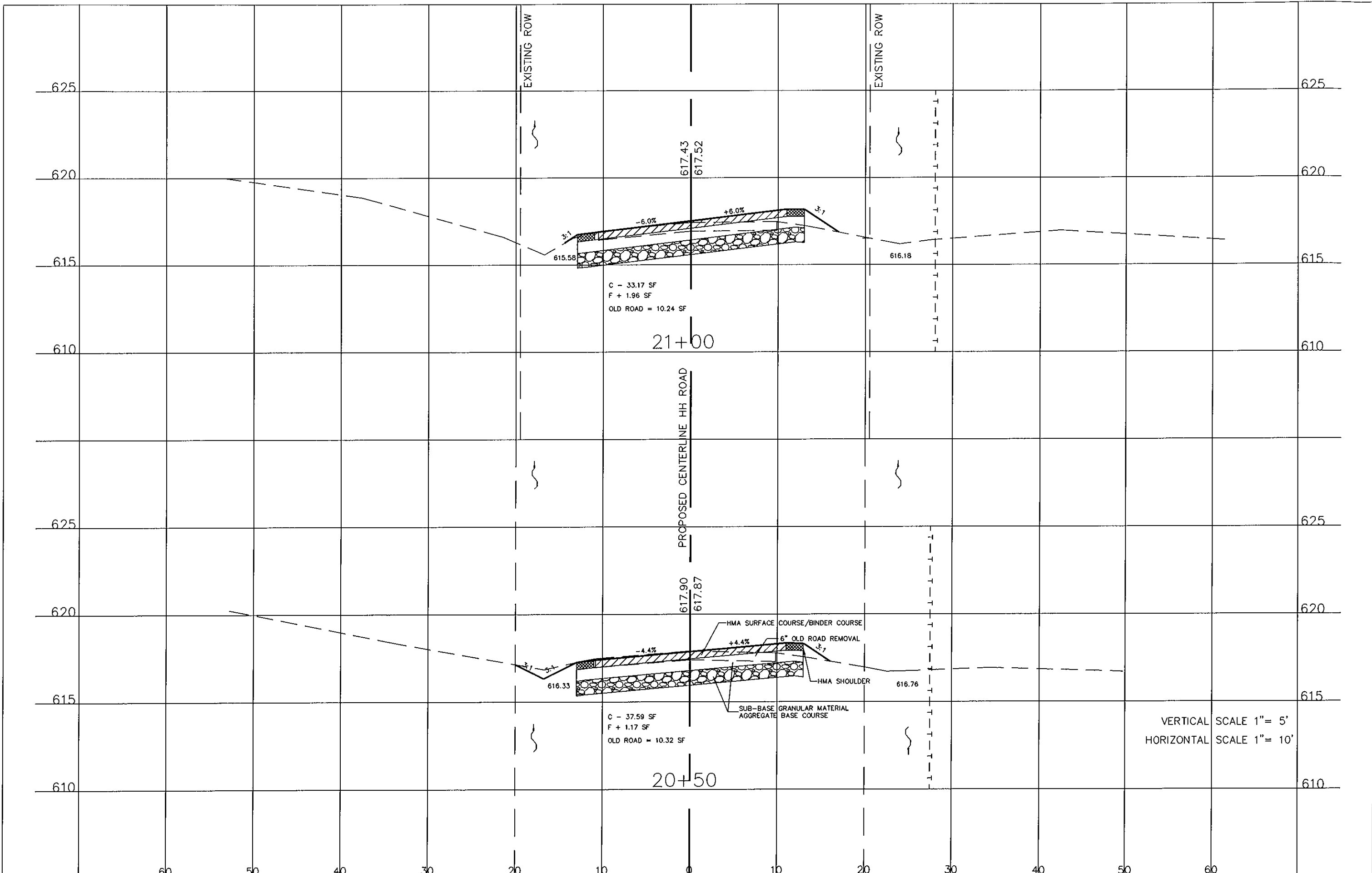
MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS

USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

SCALE: SHEET 4 OF 19 SHEETS STA. 20+00 TO STA. 20+26.3

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 47	10-06112-00-SP	MONROE	30	15
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



C - 33.17 SF
 F + 1.96 SF
 OLD ROAD = 10.24 SF

21+00

C - 37.59 SF
 F + 1.17 SF
 OLD ROAD = 10.32 SF

20+50

VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 10'

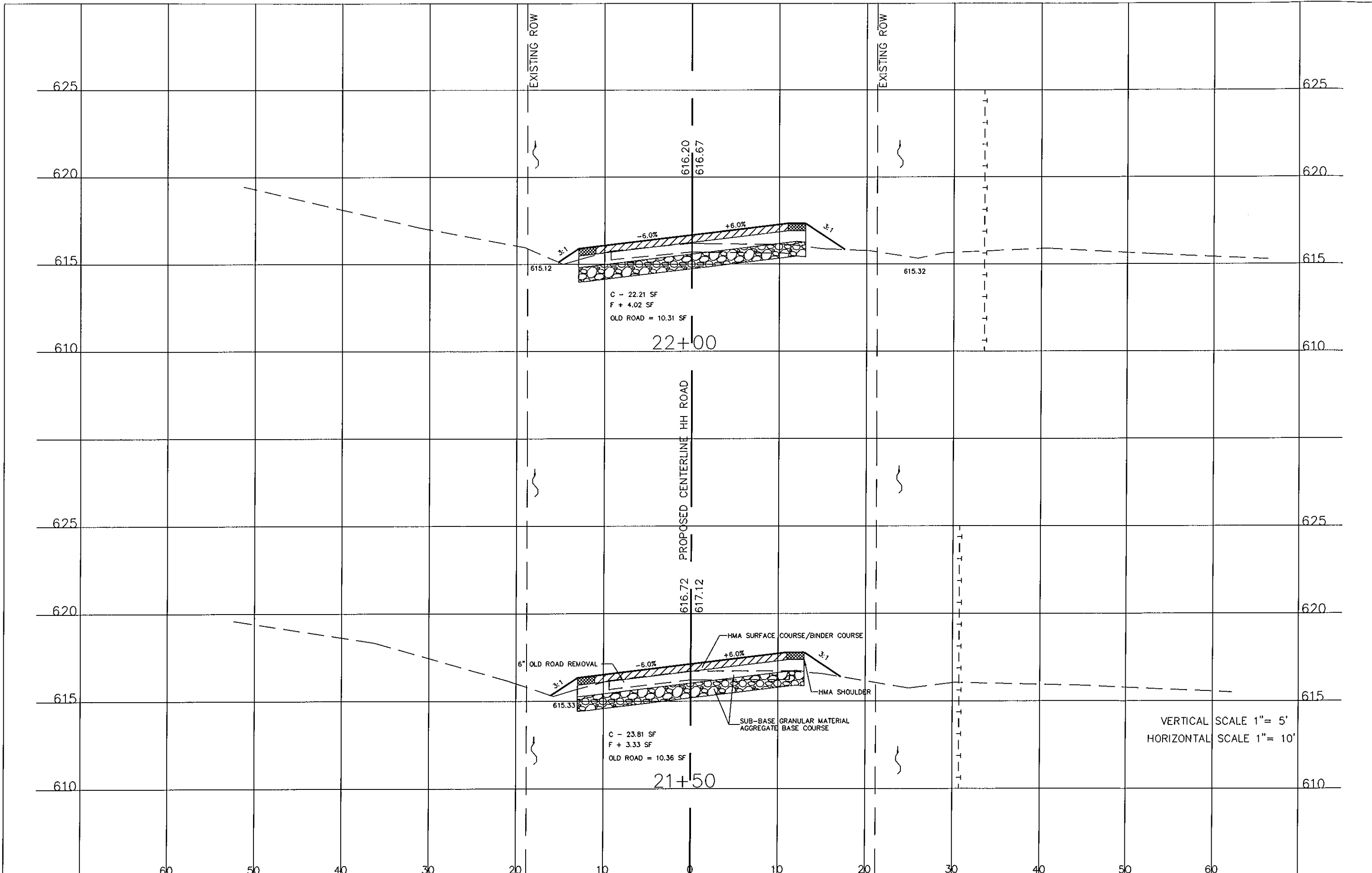
USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

MONROE COUNTY
 HIGHWAY DEPARTMENT

CROSS SECTIONS

SCALE: SHEET 5 OF 19 SHEETS STA. 20+50 TO STA. 21+00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. 47	10-06112-00-SP	MONROE	30	18
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



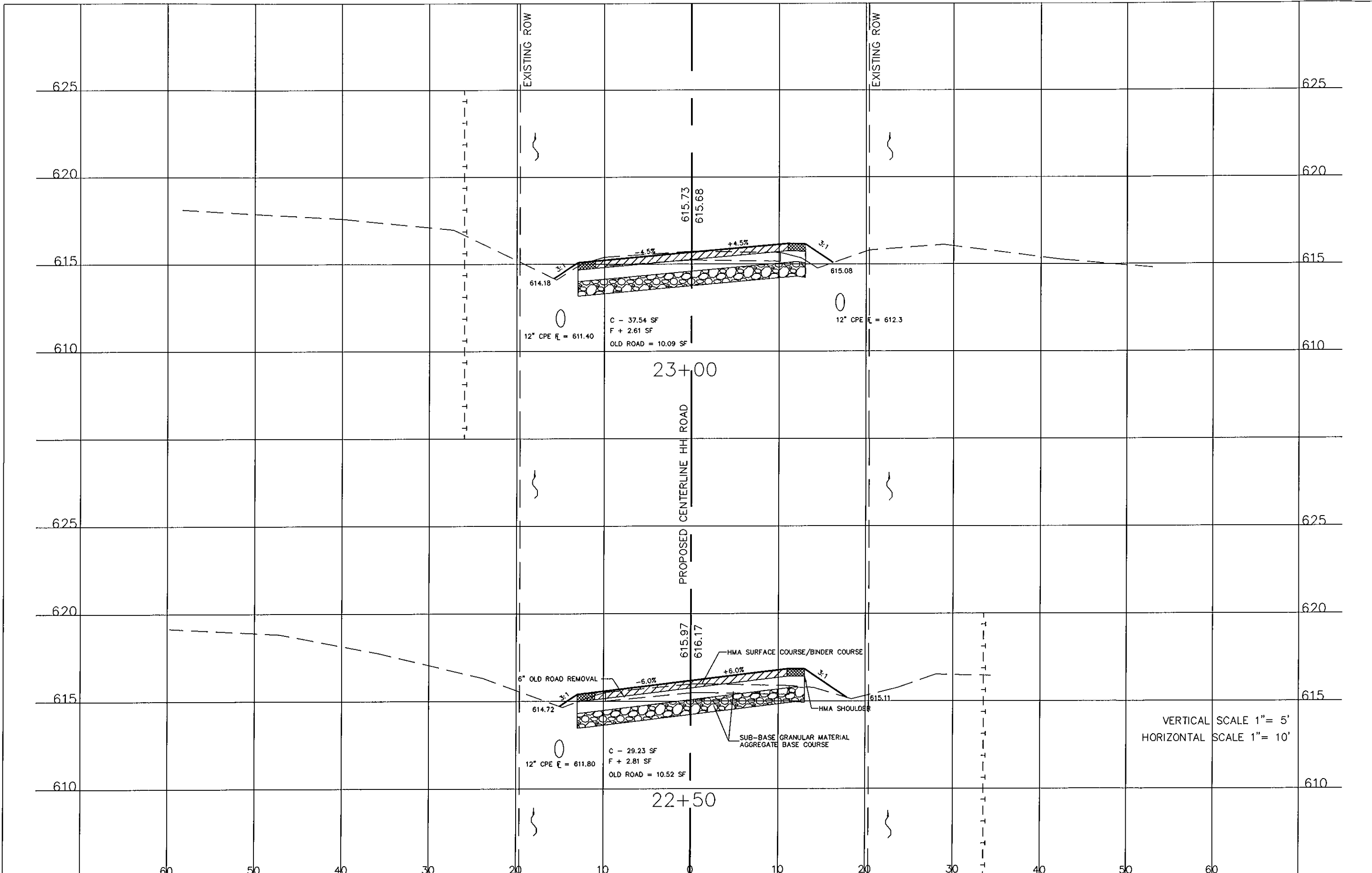
USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS

SCALE: SHEET 6 OF 19 SHEETS STA. 21+50 TO STA. 22+00

RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
47	10-06112-00-SP	MONROE	30	17
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



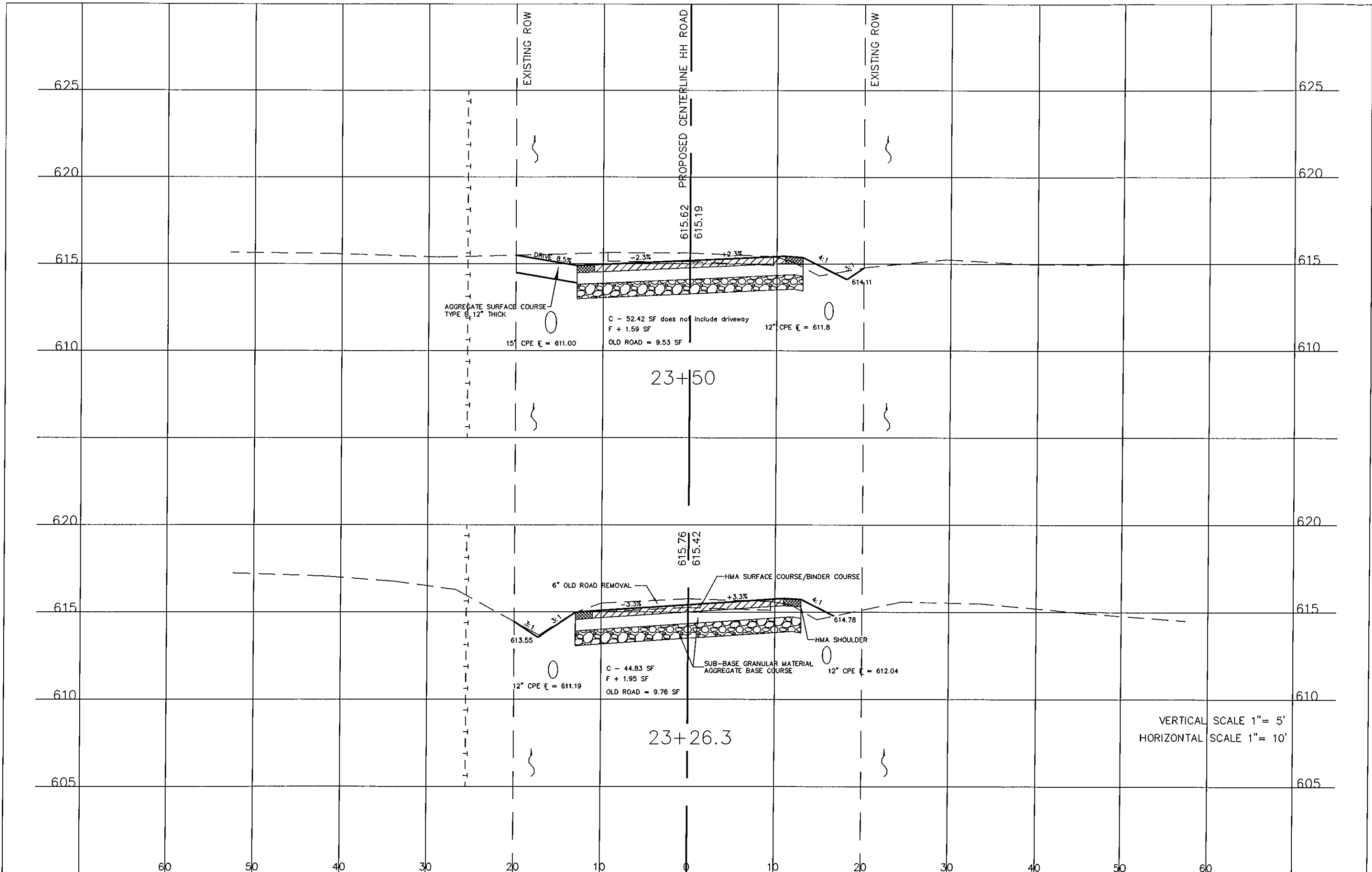
USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS
SCALE: SHEET 7 OF 19 SHEETS STA. 22+50 TO STA. 23+00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 47	10-06112-00-SP	MONROE	30	18
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				

VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 10'



23+50

23+26.3

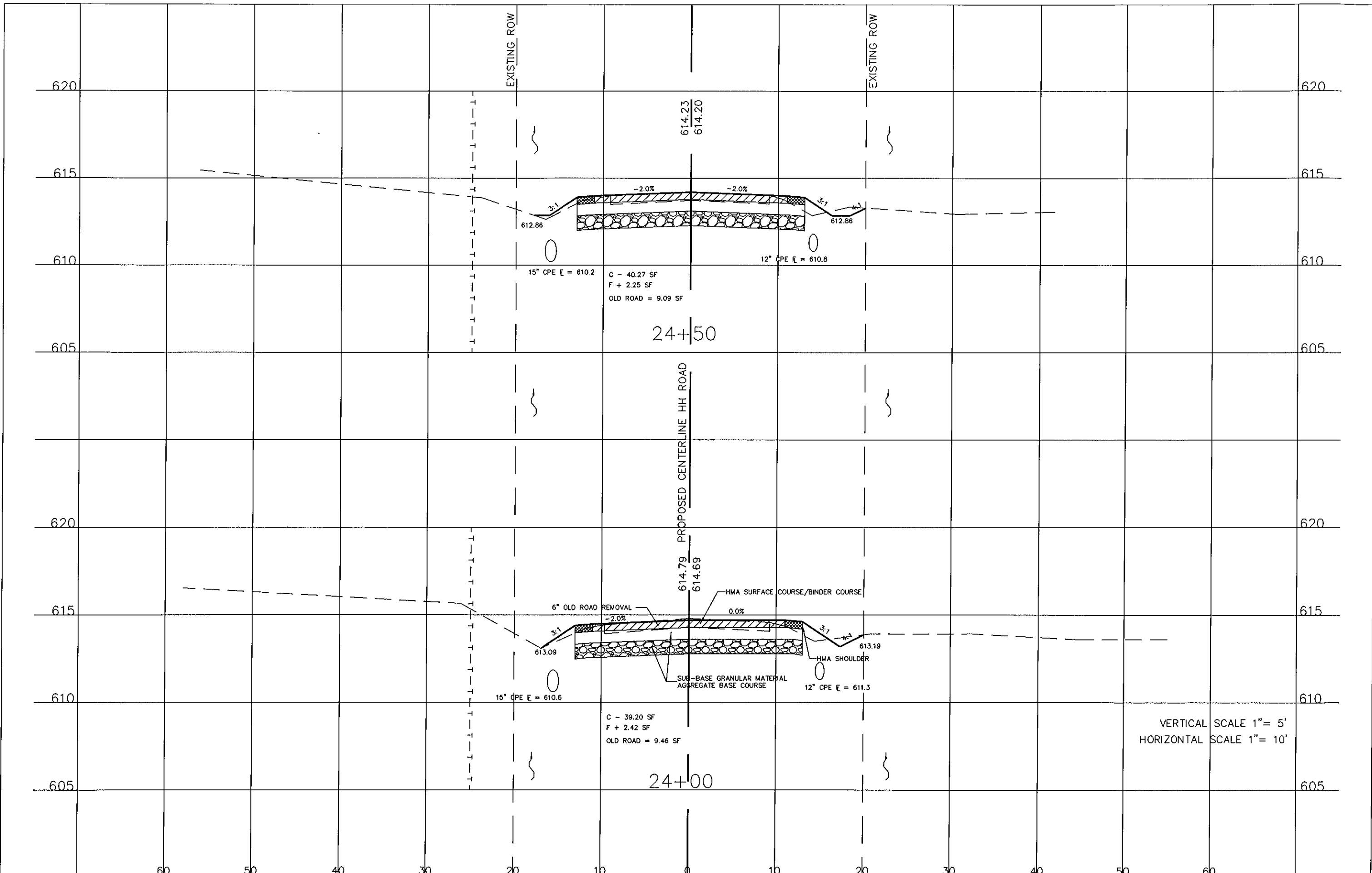
VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 10'

USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS
SCALE: SHEET 8 OF 19 SHEETS STA. 23+26.3 TO STA. 23+50

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R.R. 47	10-06112-00-SP	MONROE	30	19
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



MONROE COUNTY
HIGHWAY DEPARTMENT

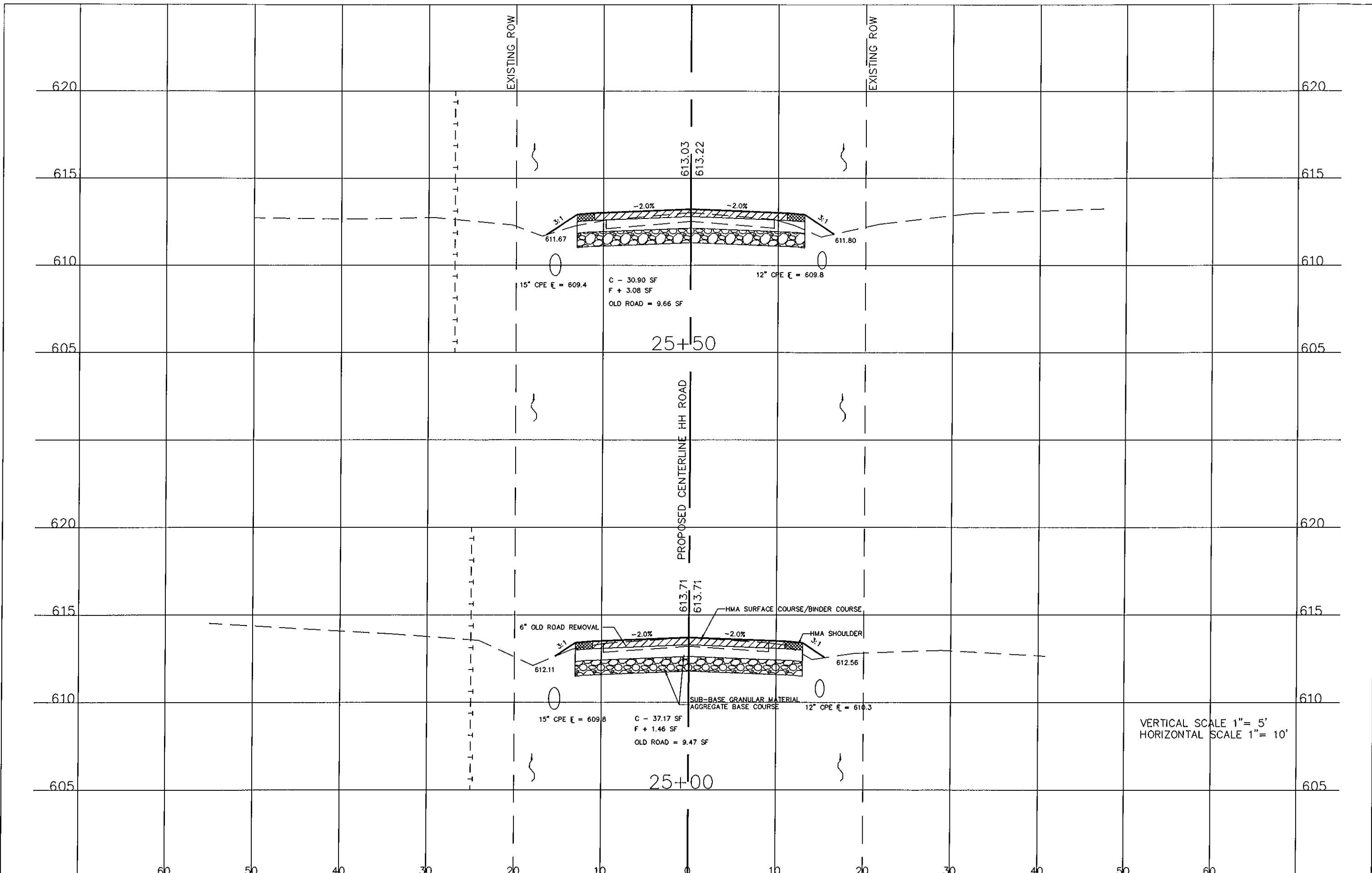
CROSS SECTIONS

VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 10'

USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

SCALE: SHEET 9 OF 19 SHEETS STA. 24+00 TO STA. 24+50

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R.R. 47	10-06112-00-SP	MONROE	30	20
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



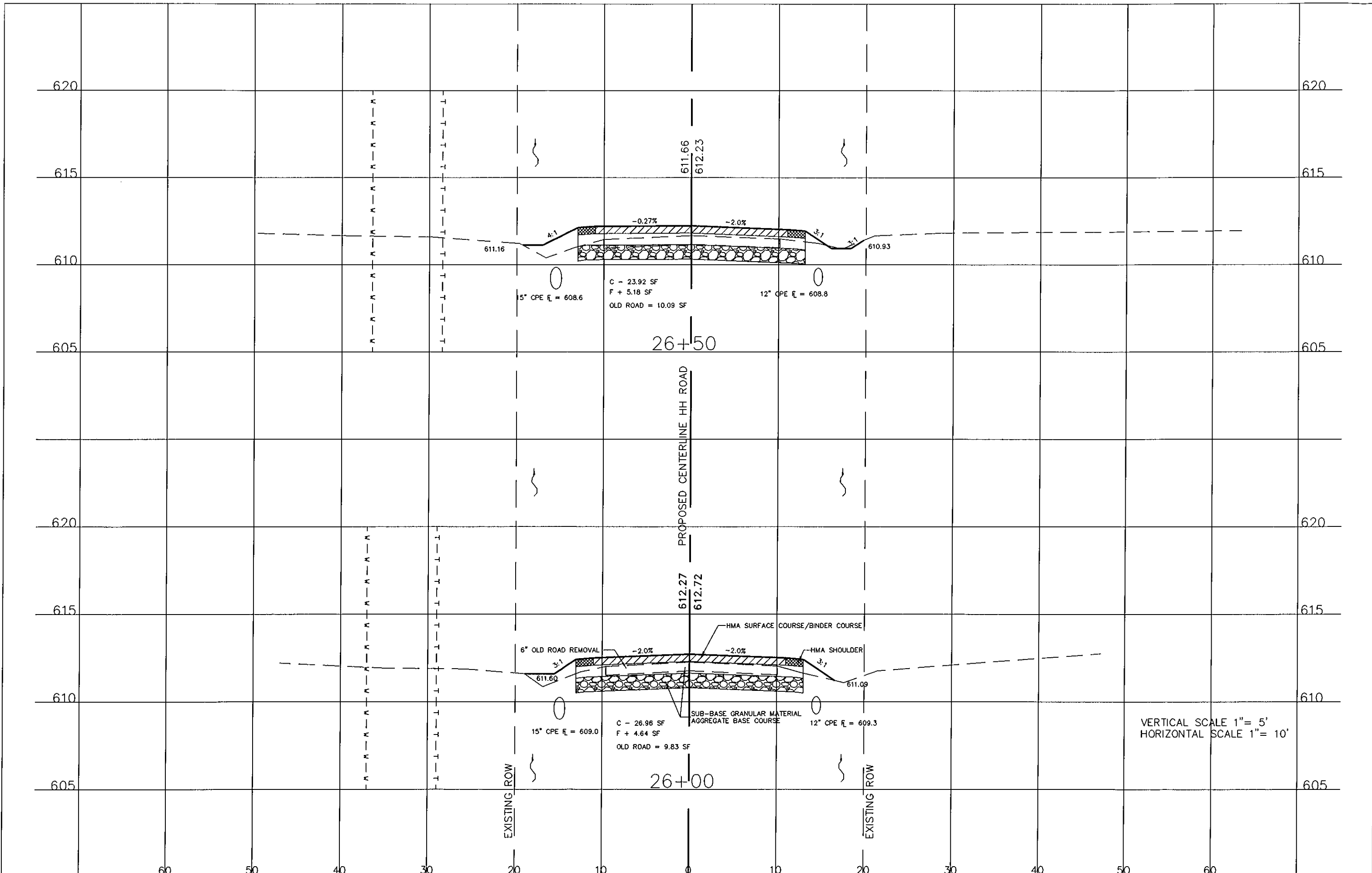
USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS

SCALE: SHEET 10 OF 19 SHEETS STA. 25+00 TO STA. 25+50

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. 47	10-06112-00-SP	MONROE	30	21
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 10'

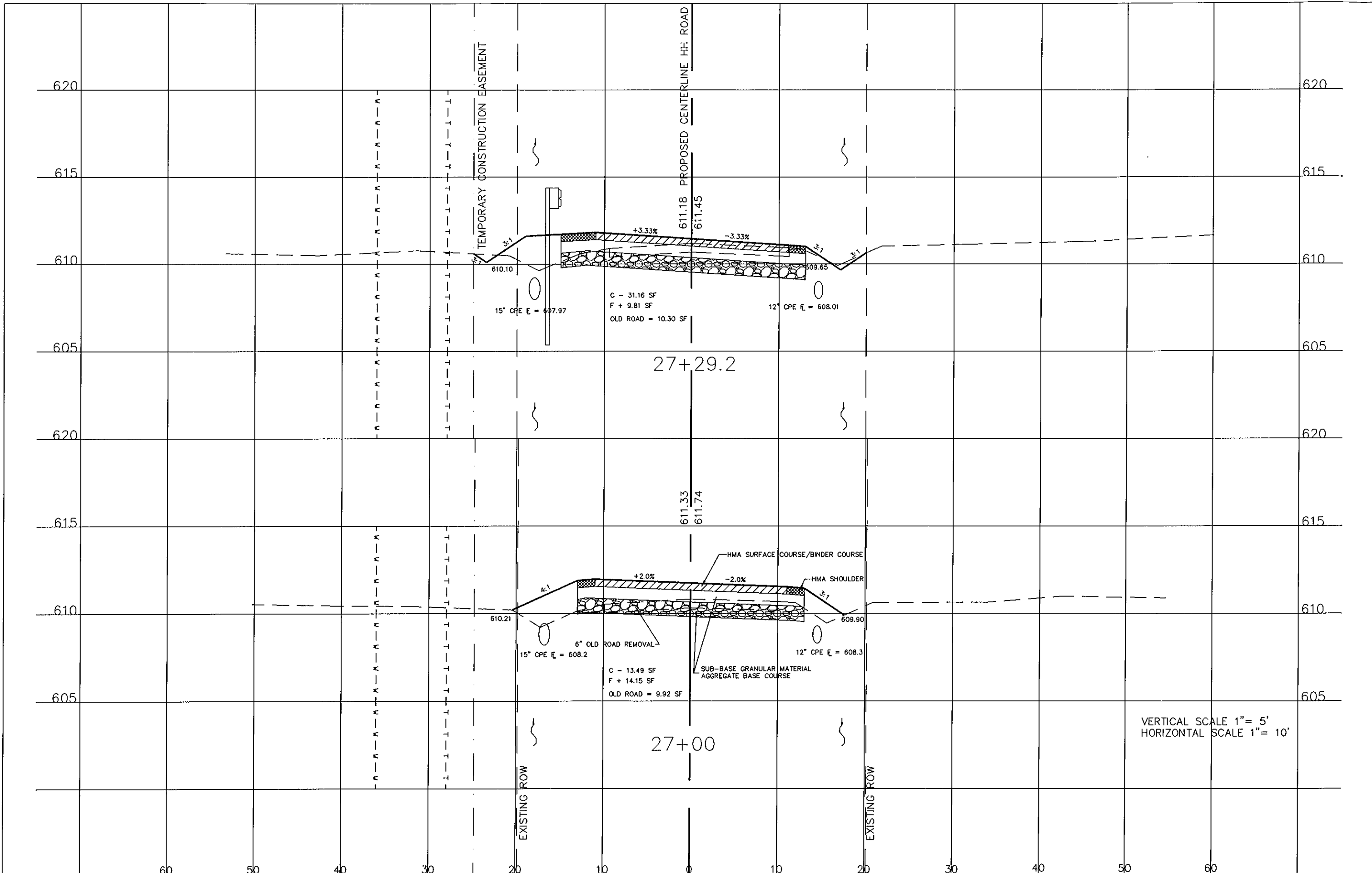
USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS

SCALE: SHEET 11 OF 19 SHEETS STA. 26+00 TO STA. 26+50

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. 47	10-06112-00-SP	MONROE	30	22
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 10'

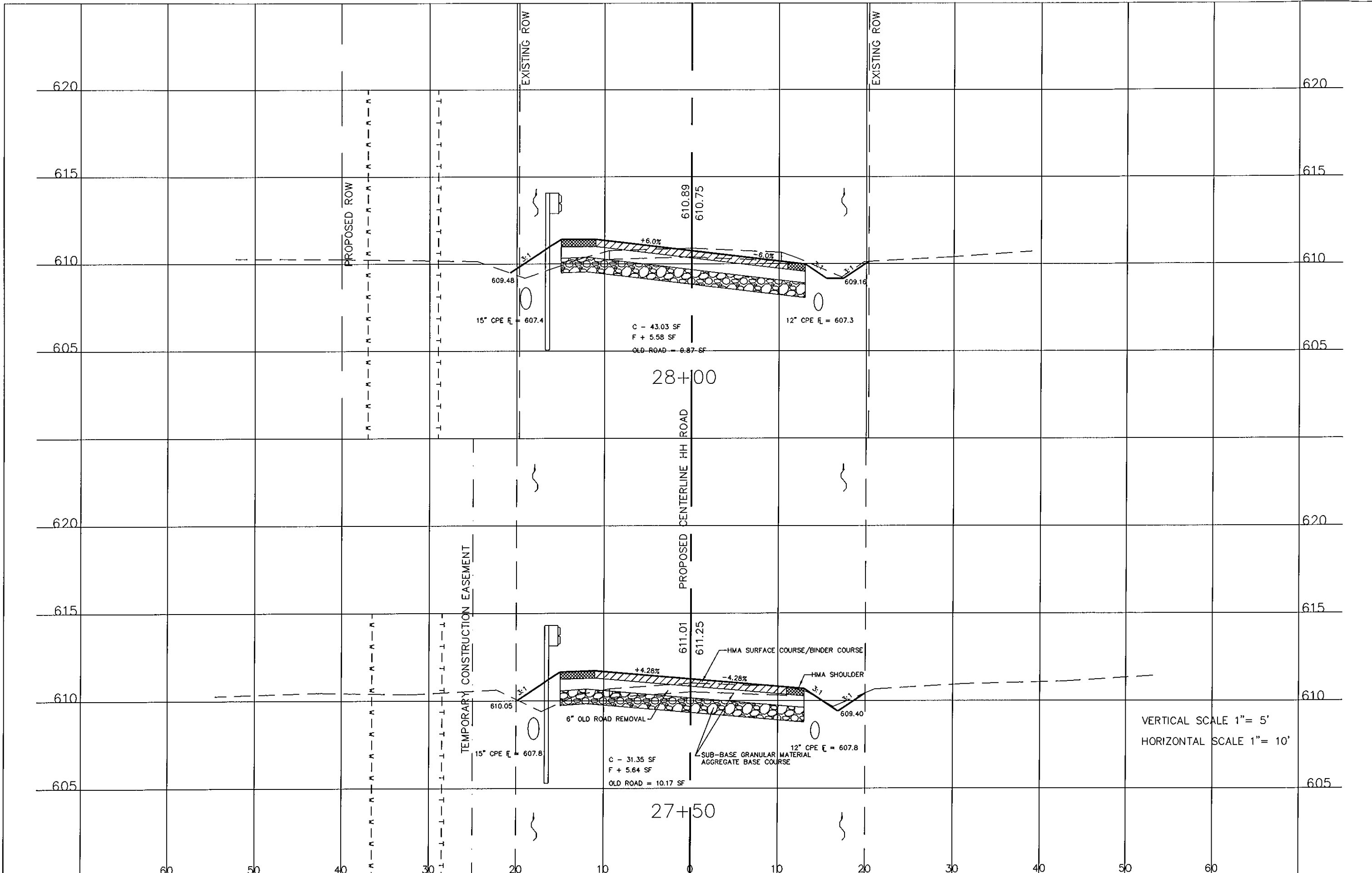
USER NAME -	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE -	CHECKED -	REVISED -
PLOT DATE -	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS

SCALE: SHEET 12 OF 19 SHEETS STA. 27+00 TO STA. 27+29.2

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I.R. 47	10-06112-00-SP	MONROE	30	23
				CONTRACT NO. 97487
ILLINOIS FED. AID PROJECT				



28+00

27+50

VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 10'

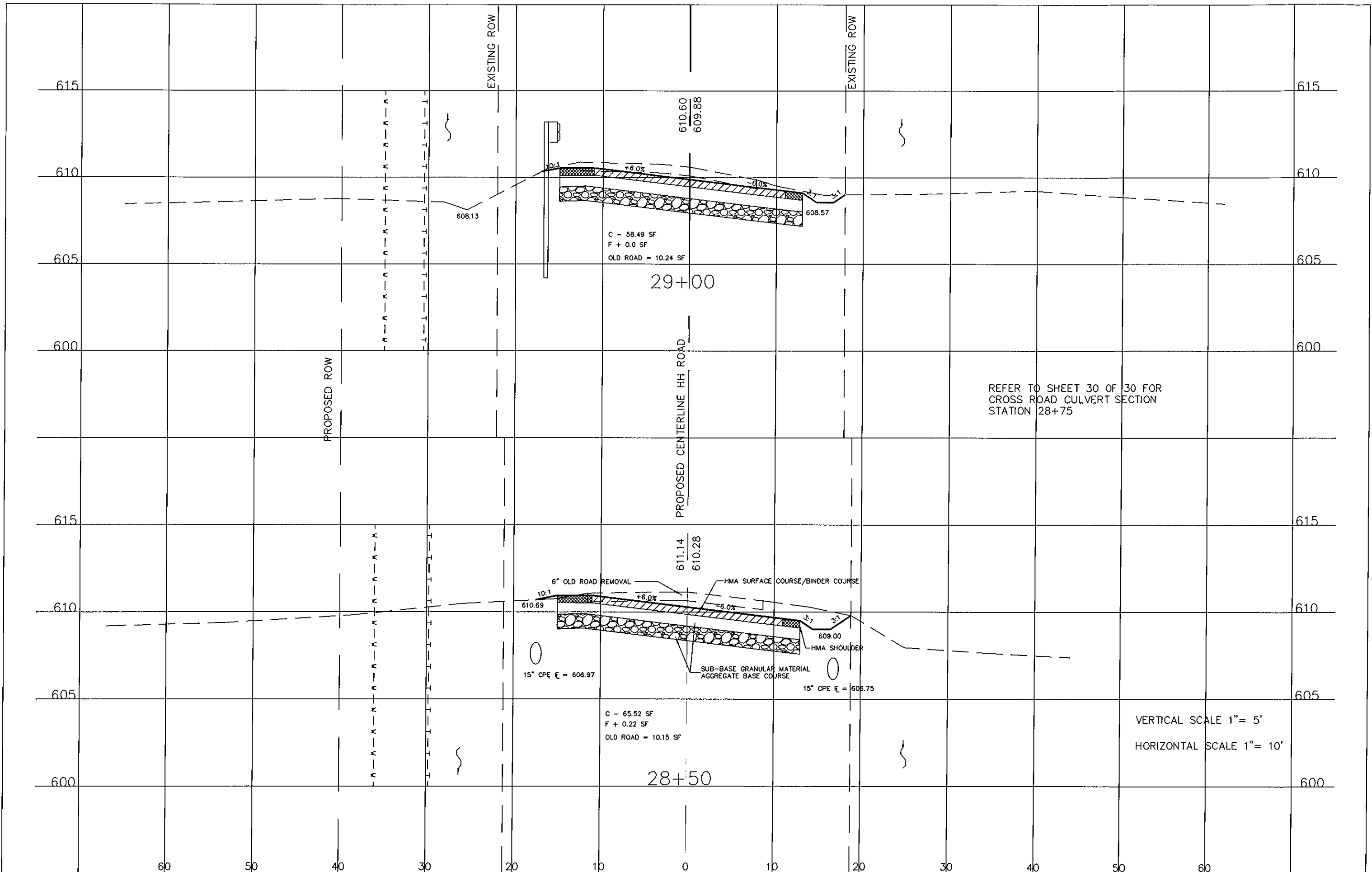
USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS

SCALE: SHEET 13 OF 19 SHEETS STA. 17+00 TO STA. 17+73

RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 47	10-06112-00-SP	MONROE	30	24
			CONTRACT NO. 97487	
ILLINOIS FED. AID PROJECT				

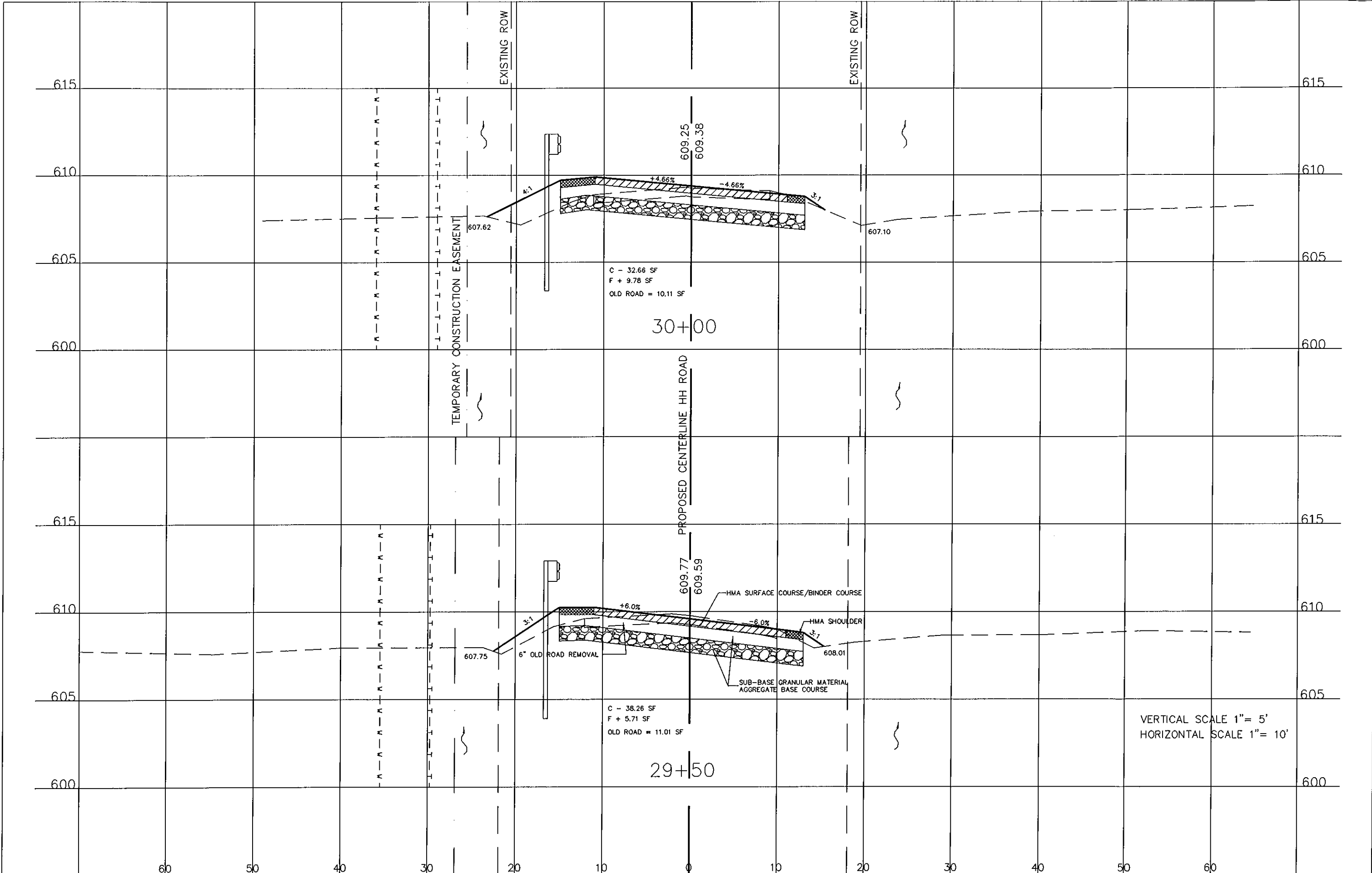


USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

MONROE COUNTY
 HIGHWAY DEPARTMENT

CROSS SECTIONS
 SCALE: SHEET 14 OF 19 SHEETS STA. 28+50 TO STA. 29+00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R.R. 47	10-06112-00-SP	MONROE	30	25
CONTRACT NO. 97487			ILLINOIS FED. AID PROJECT	



VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 10'

USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

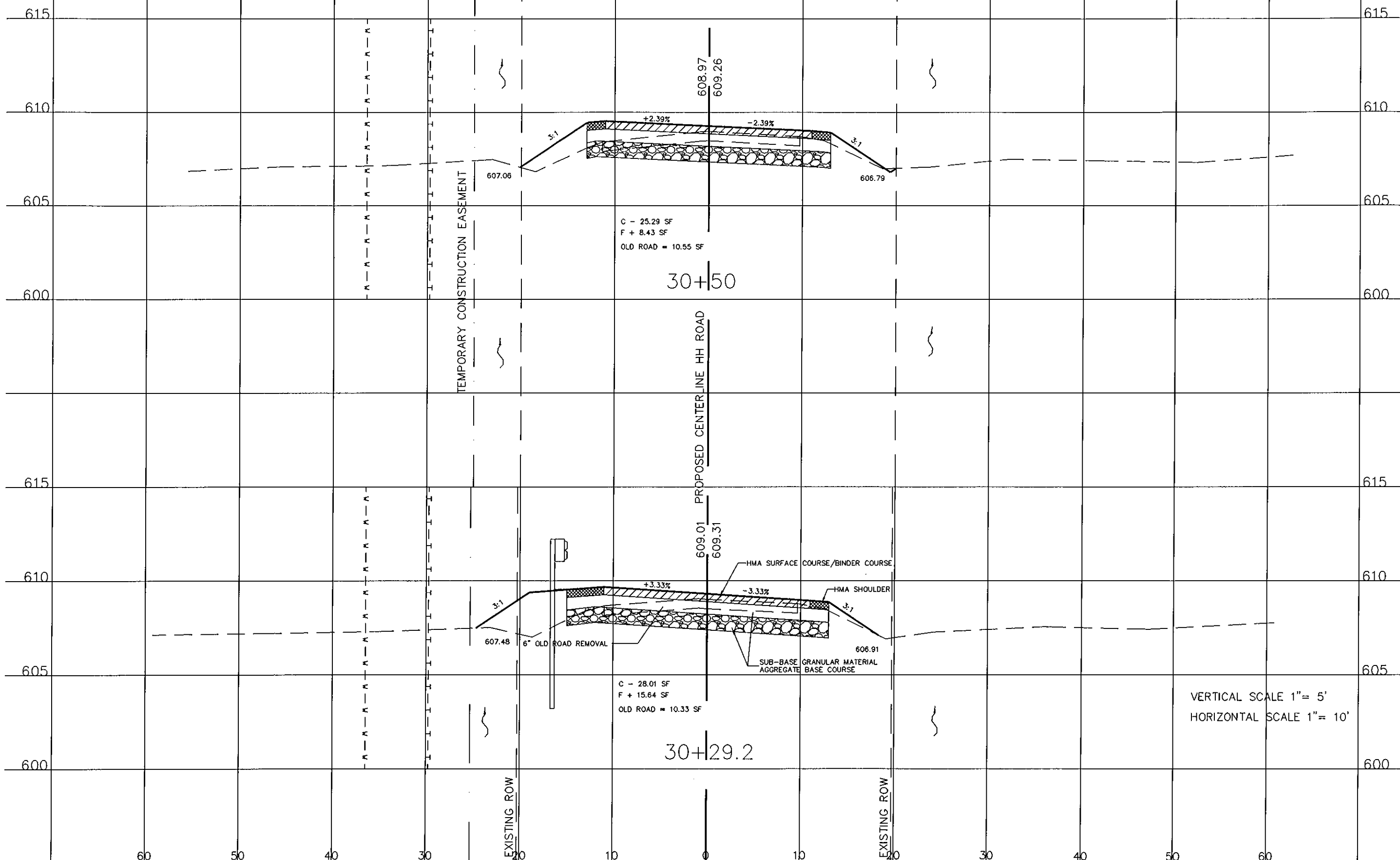
MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS

SCALE: SHEET 15 OF 19 SHEETS STA. 29+50 TO STA. 30+00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R.R. 47	10-06112-00-SP	MONROE	30	26
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				

606.91



TEMPORARY CONSTRUCTION EASEMENT

PROPOSED CENTERLINE HH ROAD

EXISTING ROW

EXISTING ROW

VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 10'

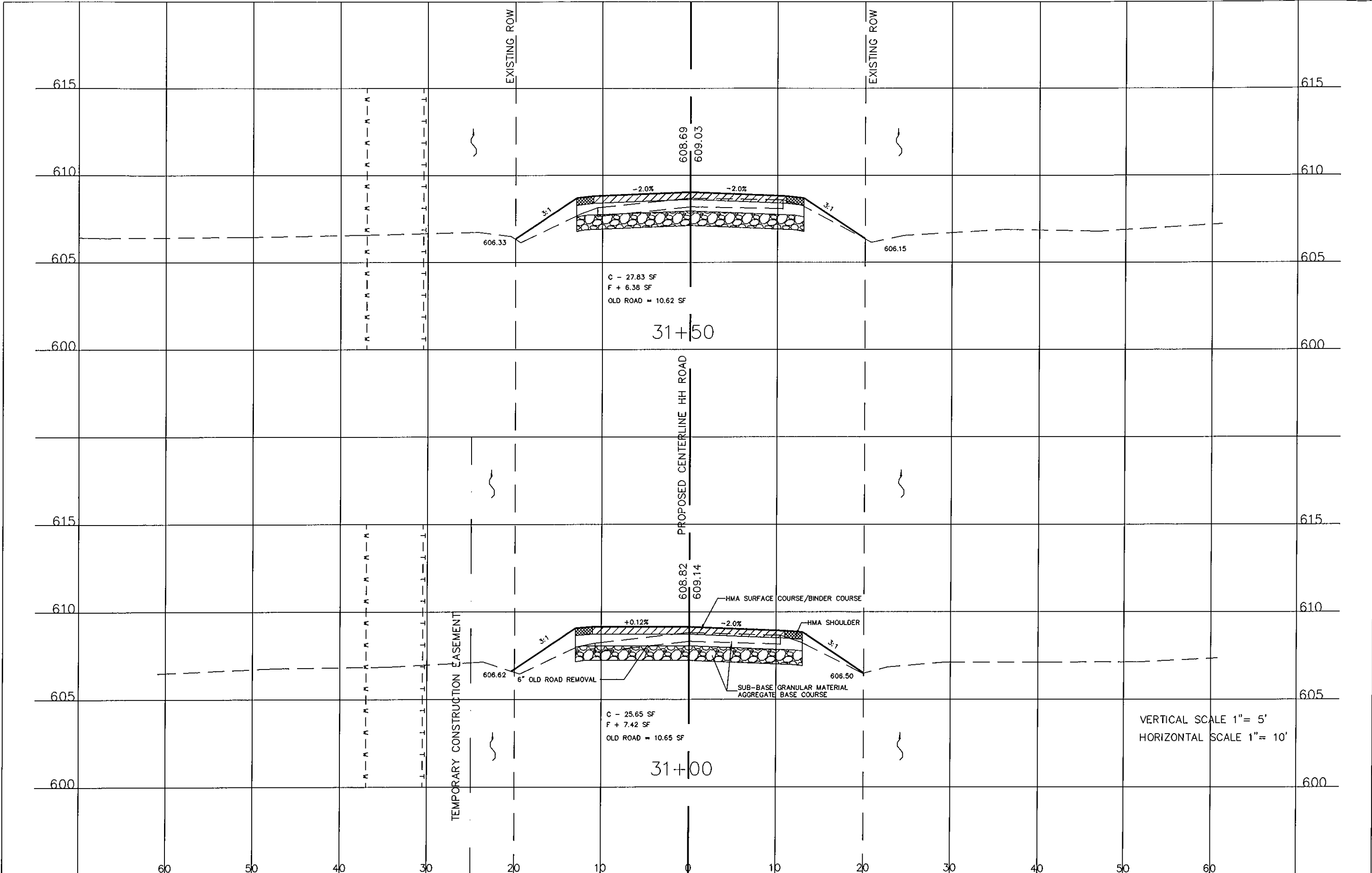
USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS

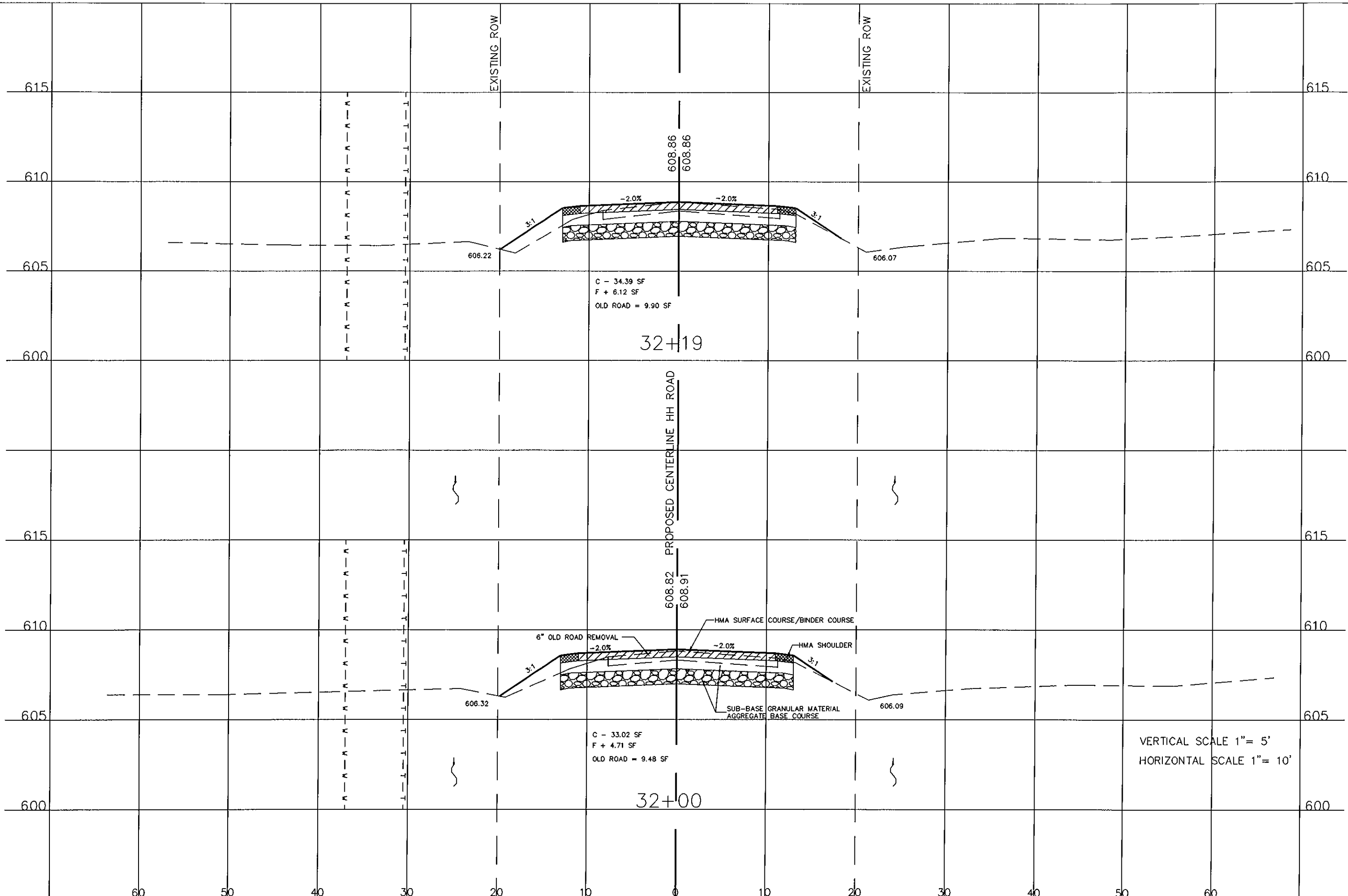
SCALE: SHEET 16 OF 19 SHEETS STA. 30+29.2 TO STA. 30+50

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 47	10-06112-00-SP	MONROE	30	27
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 10'

USER NAME =	DESIGNED -	REVISED -	MONROE COUNTY HIGHWAY DEPARTMENT	CROSS SECTIONS			RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	DRAWN -	REVISED -					T.R. 47	10-06112-00-SP	MONROE	30	28
PLOT DATE =	CHECKED -	REVISED -		SCALE: SHEET 17 OF 19 SHEETS STA. 31+00 TO STA. 31+50			CONTRACT NO. 97487				
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



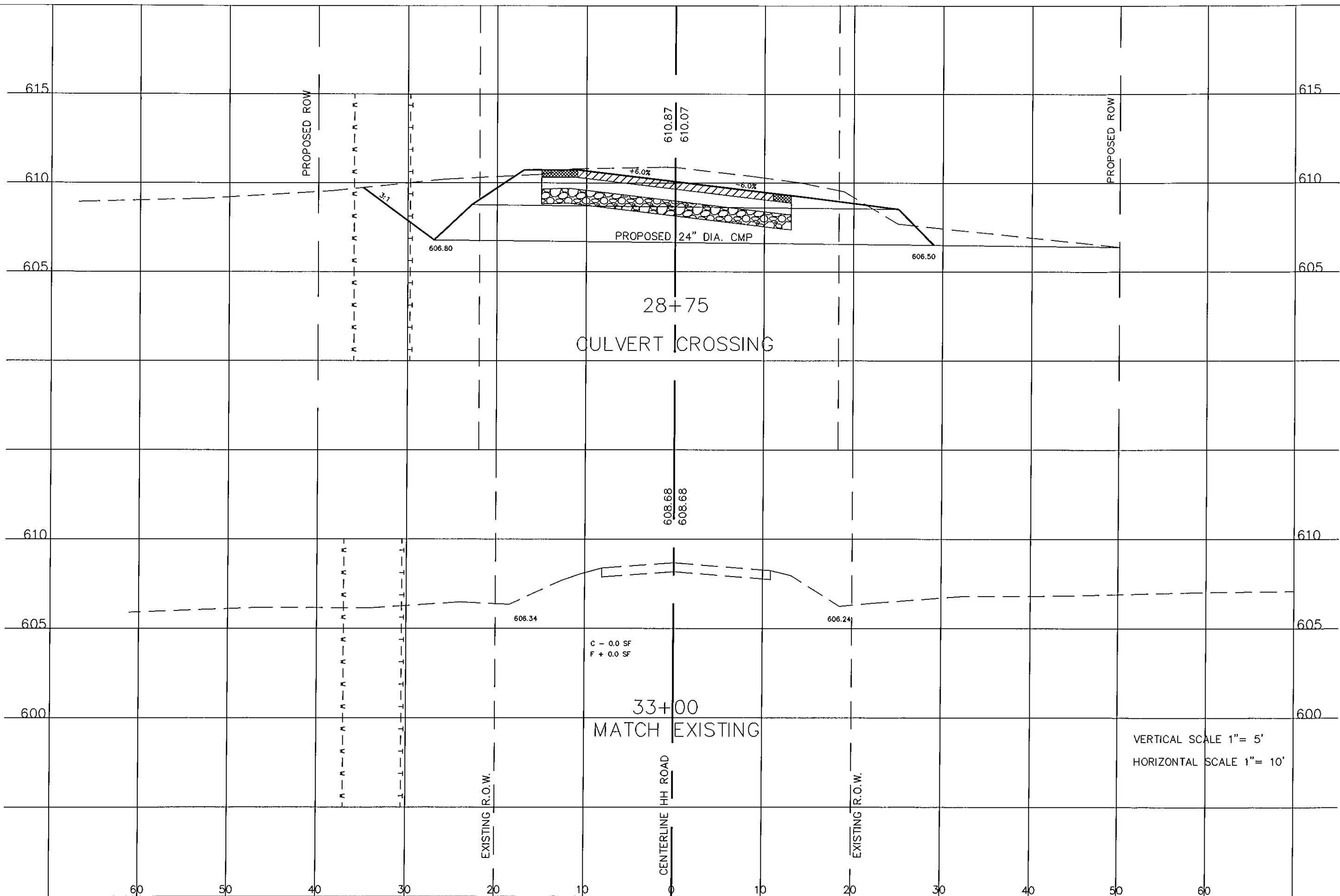
USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS

SCALE: SHEET 18 OF 19 SHEETS STA. 32+00 TO STA. 32+19

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 47	10-06112-00-SP	MONROE	30	29
CONTRACT NO. 97487				
ILLINOIS FED. AID PROJECT				



USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

MONROE COUNTY
HIGHWAY DEPARTMENT

CROSS SECTIONS

SCALE: SHEET 19 OF 19 SHEETS STA. 33+00 TO STA. 28+75

RTE. T.R. 47	SECTION 10-06112-00-SP	COUNTY MONROE	TOTAL SHEETS 30	SHEET NO. 30
CONTRACT NO. 97487			ILLINOIS FED. AID PROJECT	