

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.R. 224	04-00137-03-FP	HENRY	31	1
F.A. 224		ILLINOIS	FED. AID PROJECT 04-024(107)	

INDEX OF SHEETS

1	COVER SHEET AND INDEX OF SHEETS
2	SUMMARY OF QUANTITIES
3 - 4	TYPICAL SECTIONS
5 - 8	SCHEDULES OF QUANTITIES & GENERAL NOTES
9 - 13	PLAN AND PROFILE - WOLF ROAD
14	PLAN AND PROFILE - 1280 E. ROAD
15 - 20	STORM WATER POLLUTION PREVENTION PLAN
21 - 27	CROSS SECTIONS - WOLF ROAD
28 - 29	CROSS SECTIONS - 1280 E. ROAD
30	CONCRETE GUTTER TYPE A, (MODIFIED)
31	INLET SPECIAL WITH FRAME AND GRATE

STATE OF ILLINOIS
COUNTY OF HENRY

PLANS FOR PROPOSED
FEDERAL-AID SECONDARY PROJECT

SECTION 04-00137-03-FP
WOLF ROAD /1280 E. ROAD
INTERSECTION & TURN LANES
F.A.S. ROUTE 224 C.H. 2
PROJECT SR-224(107)
JOB NO. C-92-063-05
CONTRACT NO. 85372
2006

STANDARDS

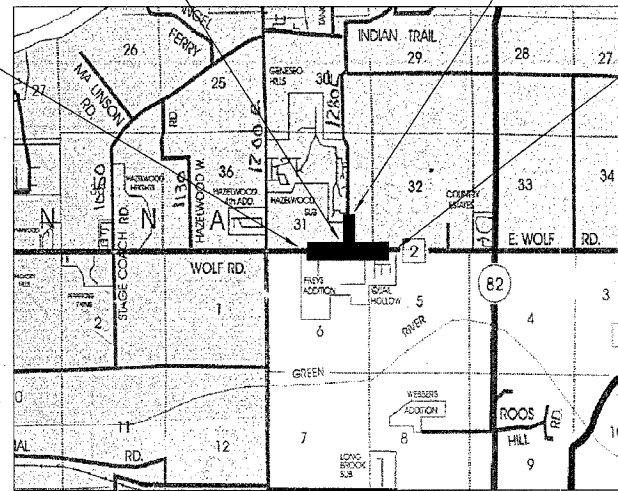
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
406201	MAILBOX TURNOUT
542401	METAL END SECTION FOR PIPE CULVERTS
606101-01	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
666001	RIGHT OF WAY MARKERS
701001-01	OFF-ROAD OPERATIONS, 2L 2W, 4.5 m (15') MIN. AWAY, FOR SPEEDS > 45 MPH
701006-02	OFF-ROAD OPERATIONS, 2L 2W, 4.5 m (15') TO 600 m (24'') FROM PAVEMENT EDGE
701301-02	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-02	LANE CLOSURE, 2L 2W, MOVING DAY ONLY OPERATIONS
701326-02	LANE CLOSURE 2L, 2W PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS

NAME AND ADDRESS OF UTILITIES	TYPE
MEDIACOM 3900 26th Avenue Moline, IL 61265 Attn: Dennis Jarding (309) 743-4750	CABLE TV
GENESEO COMMUNICATIONS 111 E. First Street Geneseo, IL 61254 Attn: Matt Storm (309) 944-2103 X-012	TELEPHONE
MIDAMERICAN ENERGY 2811 Fifth Avenue Rock Island, IL 61201 Attn: Steve Kelsey (309) 793-3778	GAS/ELECTRIC

PLAN HORIZ. 1" = 20'
SCALES: PROFILE HORIZ. 1" = 20'
PROFILE VERT. 1" = 5'
CROSS SECTIONS 1" = 5', 10'

1280 E. ROAD
STARTS AT STA. 40+19
ENDS AT STA. 42+03

WOLF ROAD
BEGINS AT STA. 678+10.84
ENDS AT STA. 698+64.17



LOCATION MAP
NET LENGTH = 2,237.33 FEET = 0.42 MILES

APPROVED: Jon G 20.06
PASSED: January 27 20.06
APPROVED: January 27 20.06
FOR BIDDING: January 27 20.06

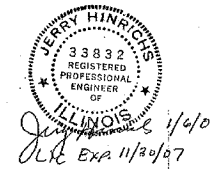
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DESIGN CRITERIA

DESIGN SPEED: 60 MPH - WOLF ROAD
50 MPH - 1280 E. ROAD

CLEAR ZONE: 20'

FUNCTIONAL CLASSIFICATION	HIGHWAY	DHV (2024)	TRUCKS (1%)
LOCAL	1280 E. ROAD	100-200	1
MAJOR COLLECTOR	WOLF ROAD	850	1



REVISED 11/17/05 WHA #1003D04

WILLETT, HOFMANN & ASSOCIATES, INC.
CONSULTING ENGINEERS
Land Surveying - Transportation - Structural
Environmental - Architecture

809 East Second Street Dixon, Illinois 61021
Phone 815.284.3361 Fax 815.284.3385
Design Firm #184-000918
www.willetthofmann.com

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.:	04-00137-03-FP	HENRY	31	2
F.A.:	224			
FED. ROAD DIST. NO. 7		ILL. INDIS.	FED. AID PROJECT 04-00137	

SUMMARY OF QUANTITIES

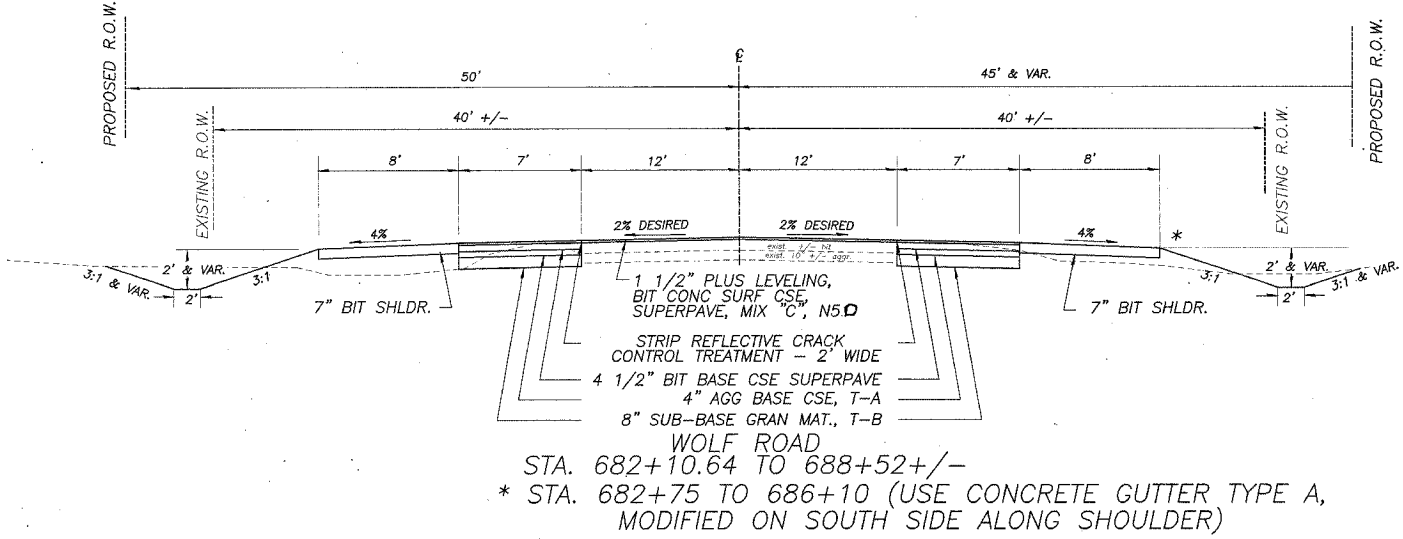
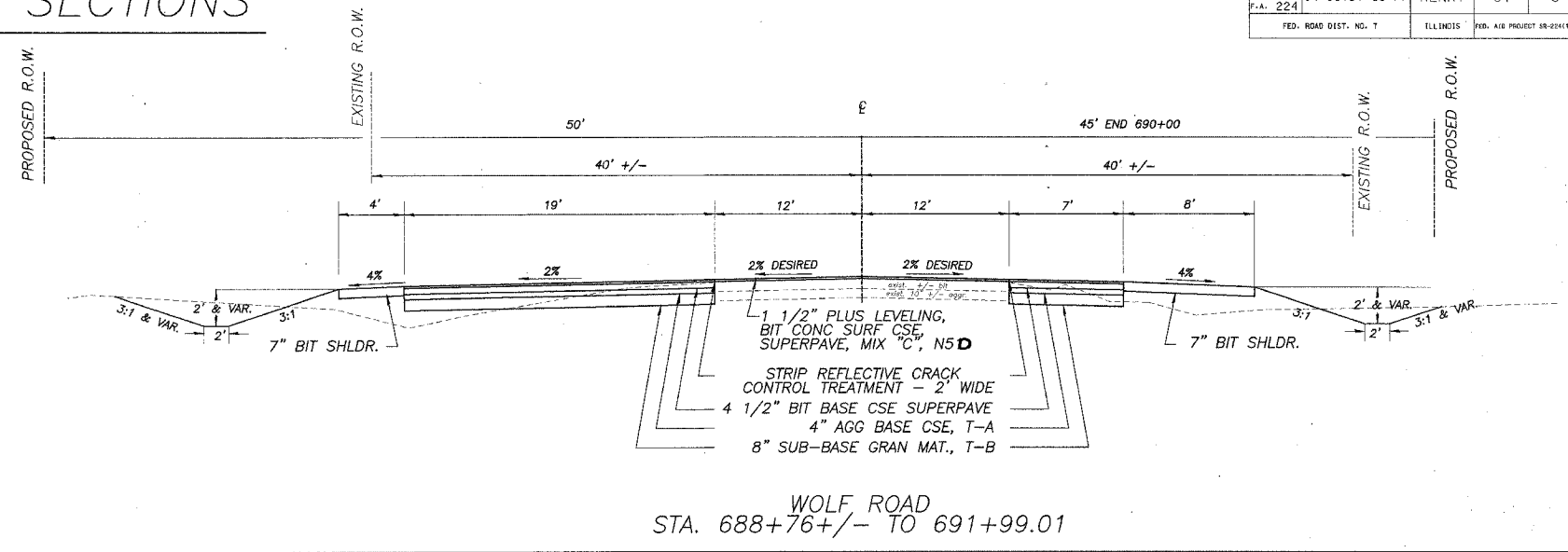
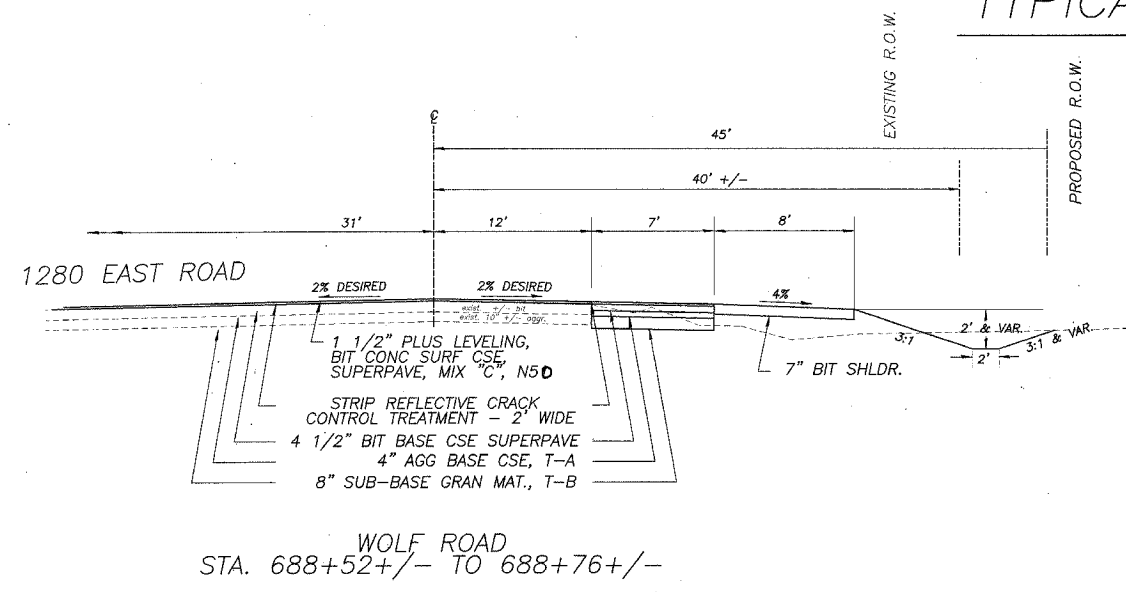
CONSTRUCTION TYPE CODE: 1000-2A

CODE NO.	ITEM	UNIT	TOTAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	40
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	192
* 20200410	EARTH EXCAVATION (SPECIAL)	CU YD	3,782
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100
20800150	TRENCH BACKFILL	CU YD	22
21301052	EXPLORATION TRENCH, 52" DEPTH	FOOT	310
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	140
25000500	PHOSPHUROUS FERTILIZER NUTRIENT	POUND	140
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	140
25000200	SEEDING, CLASS 2	ACRE	1.55
25100115	MULCH METHOD 2	ACRE	1.55
25100630	EROSION CONTROL BLANKET	SQ YD	462
28000300	TEMPORARY DITCH CHECK	EACH	14
28000400	PERIMETER EROSION BARRIER	FOOT	600
* 31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TONS	1,600
* 35100100	AGGREGATE BASE COURSE, TYPE A	TONS	1,050
* 40200800	AGGREGATE SURFACE COURSE, TYPE B	TONS	30
* 40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,863
* 40600300	AGGREGATE (PRIME COAT)	TONS	14
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	201
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY, 7"	SQ YD	8
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	4,224
48202000	BITUMINOUS SHOULDERS SUPERPAVE	TON	1,465
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"	EACH	1
* 542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	114
* 542D0241	PIPE CULVERTS, CLASS D, TYPE 1 36"	FOOT	6
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	88
* 60101905	PIPE DRAINS, 10" SPECIAL	FOOT	319
* 60602600	CONCRETE GUTTER, TYPE A (MODIFIED)	FOOT	367
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	16
67100100	MOBILIZATION	L SUM	1
* 70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	408
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	204
72000100	SIGN PANEL TYPE 1	SQ FT	6.25
72900100	METAL POST - TYPE A	FOOT	12
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,531
Δ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	783
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	463
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	23
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	122
X3550010	BITUMINOUS BASE COURSE SUPERPAVE	TONS	918
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TONS	1,087
* Z0005400	BREAKER-RUN CRUSHED STONE	TON	205
* XX005728	INLETS WITH SPECIAL FRAME AND GRATE	EACH	1

Δ SPECIALTY ITEMS

TYPICAL SECTIONS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B. 1. P.A. 224	04-00137-03-FP	HENRY	31	3
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 58-224(107)	



MIXTURE USE(S)	SURFACE	SHOULDER	BIT BASE CSE
PG:	PG 58-22	PG 58-22	PG 58-22
RAP%: (MAX)	15	30	50
DESIGN AIR VOIDS	3 @ N50	3 @ N50	2 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5 OR 12.5	BAM
FRICTION AGGREGATE	C	C	N/A
20 YEAR ESAL	0.185	N/A	N/A

**WOLF ROAD
PAVEMENT STRUCTURAL DESIGN**

80,000 LB. DESIGN

BITUMINOUS BASE COUSE MIN. MS 1700 P.C. 5820

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = YEAR 2014 S.U. 20 > 5880 ADT

CLASS II ROAD M.U. 40

MINIMUM SOIL SUPPORT: IBS=3.0 ASSUMED

T.F. = 0.185 ; D_t = 3.3

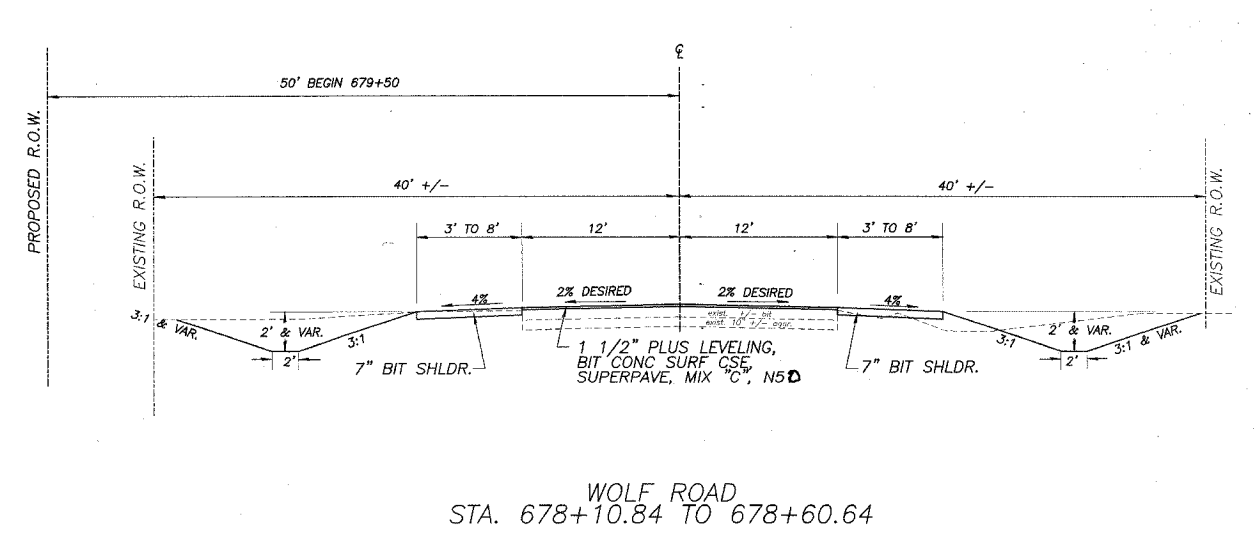
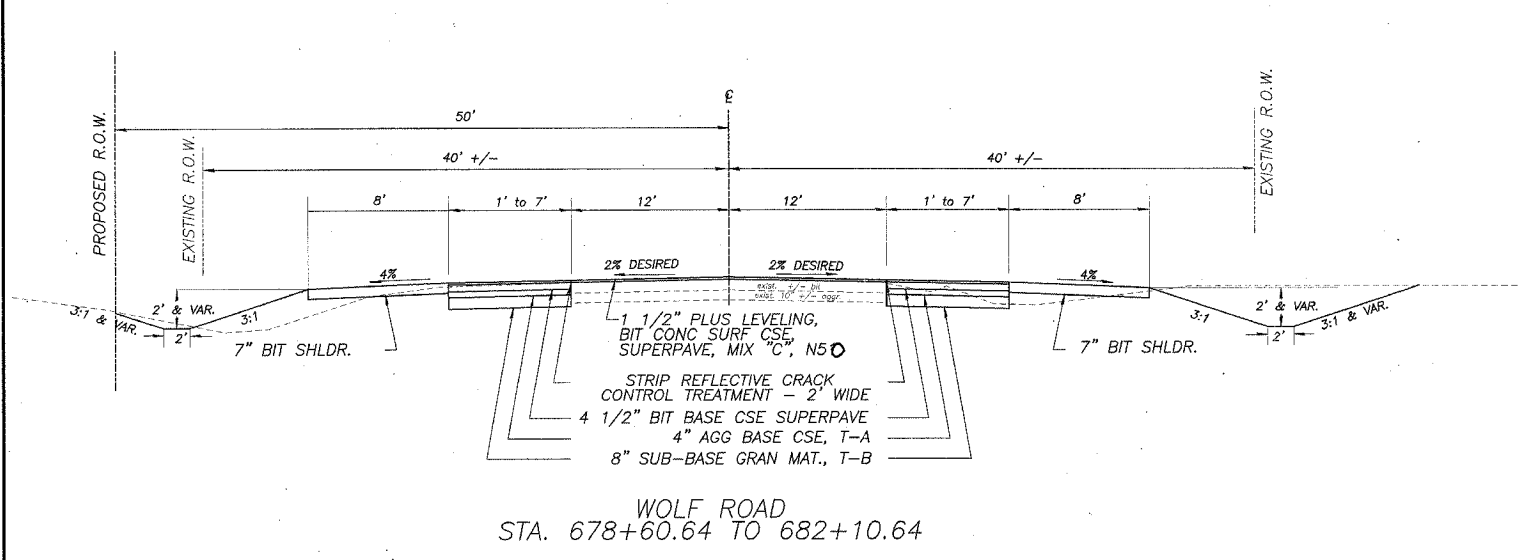
PAVEMENT STRUCTURE MATERIALS

SURFACE COURSE TYPE: SUPERPAVE, MIX "C", N50; a₁ = 0.40 (1.5") = 0.60

BASE COURSE TYPE: BIT. BINDER TYPE 2 a₂ = 0.33 (4.5") = 1.49

SUBBASE TYPE: AGGR. 4" T-A OVER 8" T-B a₃ = 0.11 (12") = 1.32

ACTUAL D_t = 3.41



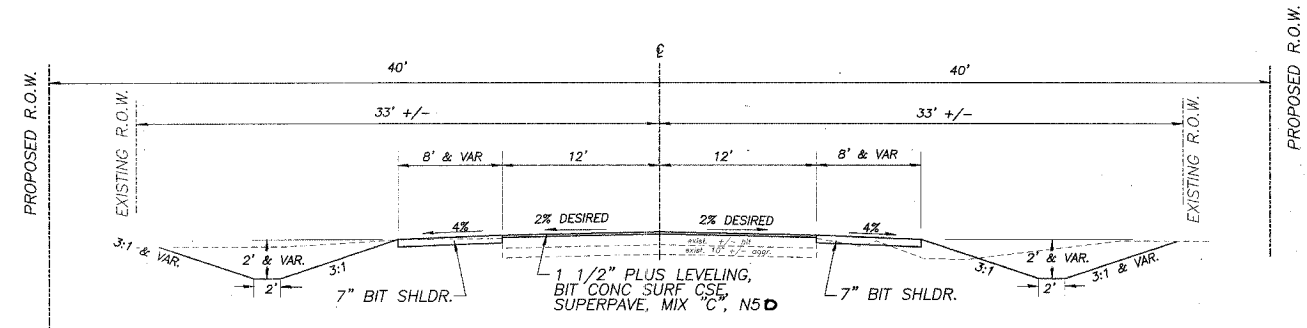
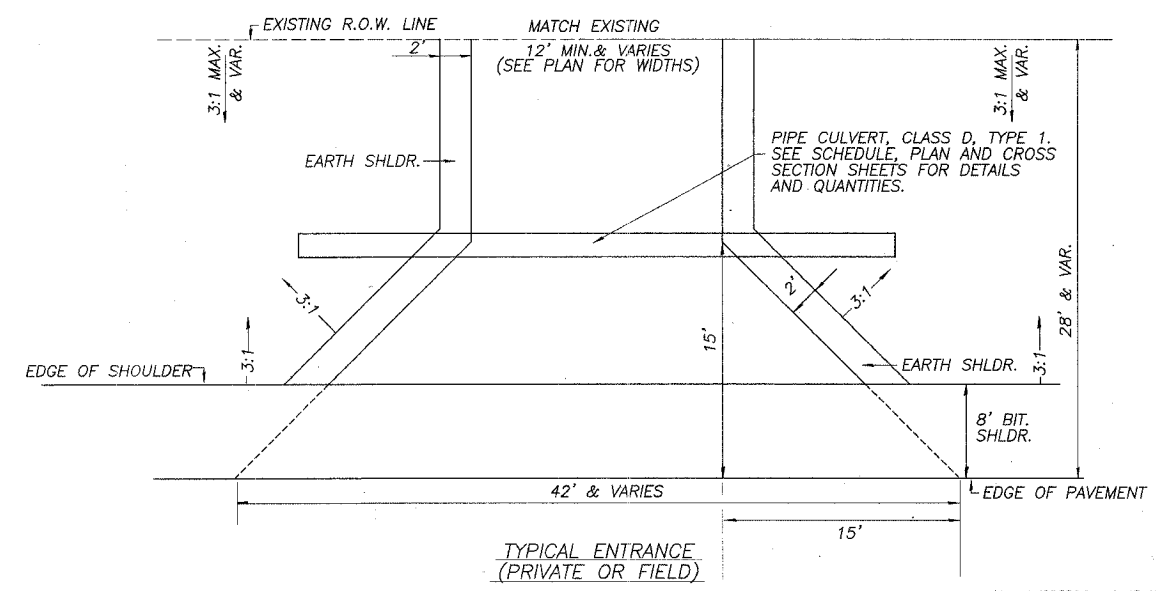
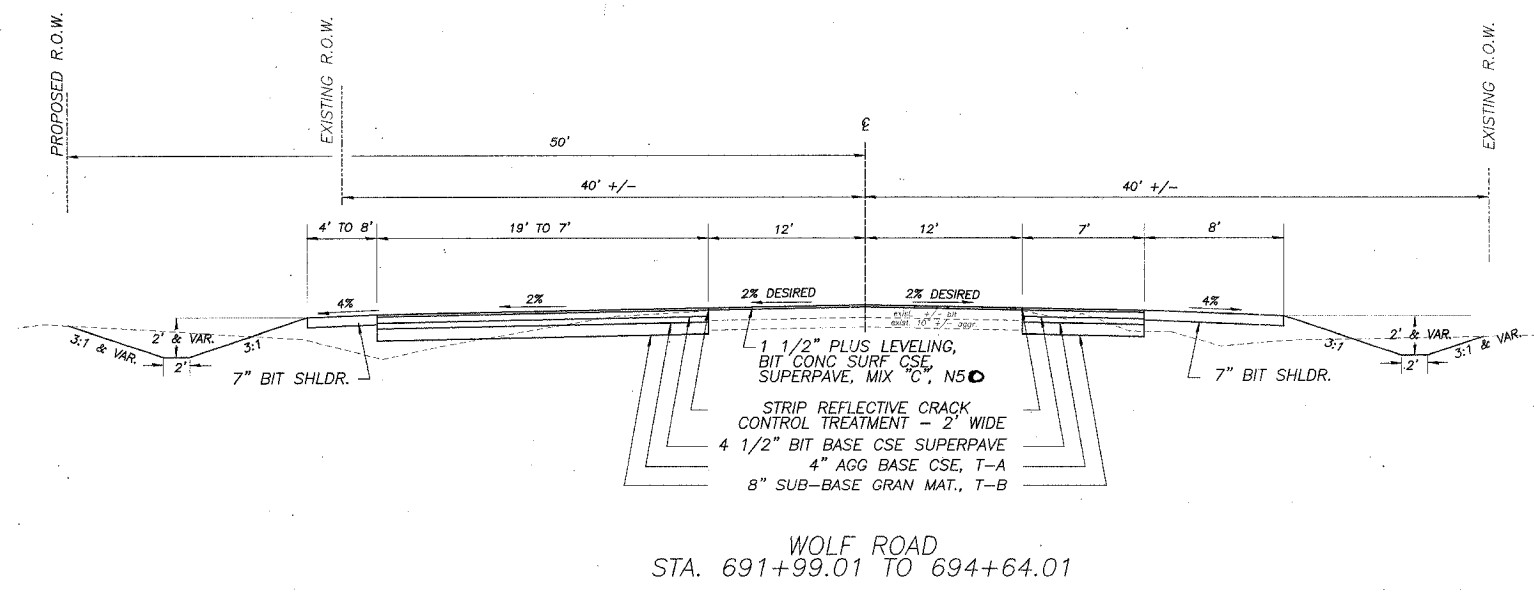
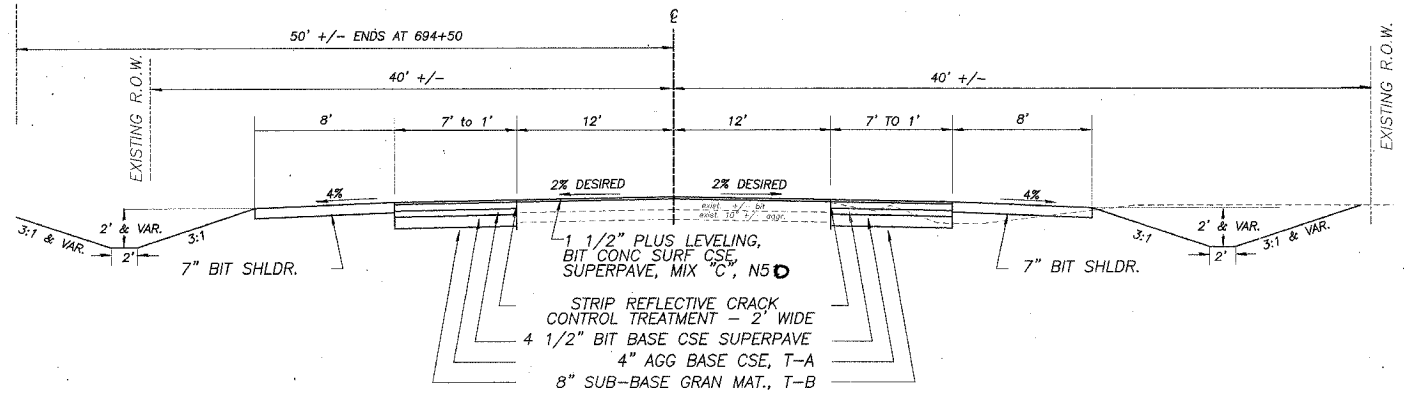
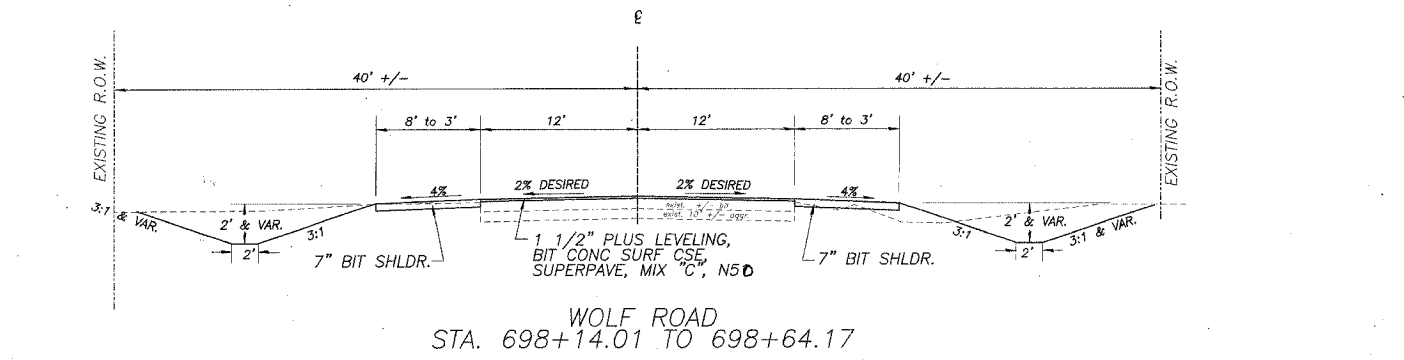
TYPICAL SECTIONS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B. 1: F.A. 224	04-00137-03-FP	HENRY	31	4
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT SP-041197	

CONSTRUCT COMMERCIAL ENTRANCES WITH 10" AGGREGATE BASE COURSE, TYPE A (CA-6) AND 3" BIT CONC SURFACE COURSE, SUPERPAVE, MIX "C", N50.

CONSTRUCT PRIVATE ENTRANCES WITH 8" AGGREGATE BASE COURSE, TYPE A (CA-6) AND 3" BIT CONC SURFACE COURSE, SUPERPAVE, MIX "C", N50 (SAME FOR MAILBOX TURNOUT)

CONSTRUCT FIELD ENTRANCES WITH 10" AGGREGATE BASE COURSE, TYPE A (CA-6).



ALL WIDENING SAME DEPTH & MATERIAL AS WOLF ROAD THRU RETURNS

MIXTURE U. E(S)	SURFACE	SHOULDER	BIT BASE CSE
PG:	PG 58-22	PG 58-22	PG 58-22
RAP%: (MAX)	15	30	50
DESIGN AIR VOIDS	3 @ N50	3 @ N50	2 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5 OR 12.5	BAM
FRICTION AGGREGATE	C	C	N/A
20 YEAR ESAL	0.185	N/A	N/A

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.T. P.A. 224	04-00137-03-FP	HENRY	31	5
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 99-224(107)	

GENERAL NOTES

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 REMOVE ALL STRUCTURES WITHIN THE EXISTING AND NEW RIGHT OF WAY AS DIRECTED BY THE ENGINEER AND AS SHOWN ON PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ALL EXISTING DRAINAGE PIPES AND END SECTIONS SHALL BE CAREFULLY REMOVED DURING CONSTRUCTION AND STACKED ALONG THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. THIS SALVAGE AND STORAGE OF EXISTING DRAINAGE PIPES AND END SECTIONS SHALL BE CONSIDERED AN INCIDENTAL ITEM AND WILL NOT BE PAID FOR SEPARATELY. ALL SALVAGED PIPES SHALL REMAIN THE PROPERTY OF THE COUNTY.

ALL TELEPHONE AND ELECTRIC POLES, GAS PIPES, ETC. IN THE WAY OF THE IMPROVEMENT SHALL BE MOVED BY THE UTILITIES PRIOR TO CONSTRUCTION AND SHALL NOT BE INCLUDED IN THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE RESPECTIVE UTILITIES TO MAKE THE NECESSARY ADJUSTMENTS PRIOR TO THIS CONSTRUCTION.

THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM TO PREVENT DAMAGE.

ALL TREES LESS THAN 6" DIAMETER WITHIN THE CONSTRUCTION LINES 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).

THE FINAL TOP 4" OF SOIL IN ANY AREA DISTURBED BY THE CONTRACTOR MUST BE ABLE TO SUPPORT VEGETATION.

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

WHERE THE PROPOSED CONSTRUCTION MEETS AN EXISTING BITUMINOUS SURFACE, OR WHERE SAWING IS STATED ON THE PLANS, THE EXISTING SURFACE SHALL BE SAWED IN A NEAT, STRAIGHT LINE. COST OF SAWING TO BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT FOR EARTH EXCAVATION (SPECIAL).

THE CONCRETE GUTTER TYPE A, MODIFIED SHALL BE CHECKED WITH A 10 FOOT STRAIGHTEDGE BEFORE THE CONCRETE IS GIVEN THE FINAL FINISH TO ENSURE GUTTER MAINTAINS FLOW. THE FLOW LINE MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO IMPROVE FLOW. THIS COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT CONCRETE GUTTER TYPE A, MODIFIED.

LOCATION	EARTH EXCAVATION (SPECIAL)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25%	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR Shortage (-)
WOLF ROAD STA. 678+10.84 TO 694+64.17	3,136	2,352	1,528	824
1280 EAST ROAD STA. 40+19 TO 42+03	646	485	2	483
TOTALS	3,782	2,837	1,530	1,307

STATION	UNITS	REMARKS
Wolf Rd.		
43' RT 690+22	6	
44' RT 690+22	6	
41' RT 690+67	6	
39' RT 690+73	10	
1280 E. Rd.		
48' RT 40+67	12	
PROJECT TOTAL	40	

20100110

SCHEDULES

STATION	UNITS	REMARKS
Wolf Rd.		
43' RT 689+28	48	
44' RT 689+40	36	
46' RT 689+50	24	
45' RT 689+60	36	
44' RT 689+69	48	
PROJECT TOTAL	192	

20100210

STATION	CU YD	REMARKS
CONTINGENCY ITEM		
	100	AS DIRECTED BY THE ENGINEER
PROJECT TOTAL	100	

20201200

STATION	CU YD	REMARKS
682+00 - 683+25		
	22	
PROJECT TOTAL	22	

20800150

STATION	FOOT	REMARKS
Wolf Rd.		
683+00 - 686+10	310	CONTINGENCY ITEM
PROJECT TOTAL	310	

21301052

STATION	POUNDS	REMARKS
Wolf Rd.		
L & R 678+10.84 - 698+64.17	130	1.44 ACRES @ 90 LBS/ACRE
1280 E. Rd.		
L & R 40+19 - 42+03	10	0.11 ACRES @ 90 LBS/ACRE
PROJECT TOTAL	140	

25000400

STATION	POUNDS	REMARKS
Wolf Rd.		
L & R 678+10.84 - 698+64.17	130	1.44 ACRES @ 90 LBS/ACRE
1280 E. Rd.		
L & R 40+19 - 42+03	10	0.11 ACRES @ 90 LBS/ACRE
PROJECT TOTAL	140	

25000500

STATION	POUNDS	REMARKS
Wolf Rd.		
L & R 678+10.84 - 698+64.17	130	1.44 ACRES @ 90 LBS/ACRE
1280 E. Rd.		
L & R 40+19 - 42+03	10	0.11 ACRES @ 90 LBS/ACRE
PROJECT TOTAL	140	

25000600

STATION	ACRES	REMARKS
Wolf Rd.		
L & R 678+10.84 - 698+64.17	1.44	
1280 E. Rd.		
L & R 40+19 - 42+03	0.11	
PROJECT TOTAL	1.55	

25000200

STATION	ACRES	REMARKS
Wolf Rd.		
L & R 678+10.84 - 698+64.17	1.44	
1280 E. Rd.		
L & R 40+19 - 42+03	0.11	
PROJECT TOTAL	1.55	

25100115

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00137-03-FP		HENRY	31	6
F.L.A. 224		ILLINOIS		FED. AID PROJECT BR-084707
FED. ROAD DIST. NO. 7				

SCHEDULES

EROSION CONTROL BLANKET

STATION	S.Y.	REMARKS
Wolf Rd.		
L 688+00 - 41+50	77	6' WIDE
L 689+50 - 693+69	279	6' WIDE
1280 E. Rd.		
R 41+02 - L 689+50	74	6' WIDE
R 41+52 - 42+00	32	6' WIDE
PROJECT TOTAL	462	

25100630

TEMPORARY DITCH CHECK

STATION	EACH	REMARKS
Wolf Rd.		
L & R 678+50	2	AS DIRECTED BY THE ENGINEER
L 680+50	2	AS DIRECTED BY THE ENGINEER
L & R 683+50	1	AS DIRECTED BY THE ENGINEER
L 686+00	1	AS DIRECTED BY THE ENGINEER
L 688+00	1	AS DIRECTED BY THE ENGINEER
R 690+00	2	AS DIRECTED BY THE ENGINEER
L 693+50	1	AS DIRECTED BY THE ENGINEER
L & R 698+50	2	AS DIRECTED BY THE ENGINEER
1280 E. Rd.		
L & R 42+00	2	AS DIRECTED BY THE ENGINEER
PROJECT TOTAL	14	

28000300

PERIMETER EROSION BARRIER

STATION	FOOT	REMARKS
R 691+50 - 696+00	450	SET OUT INSIDE OF R.O.W. LINE
R 697+50 - 699+00	150	SET OUT INSIDE OF R.O.W. LINE
PROJECT TOTAL	600	

28000400

SUB-BASE GRANULAR MATERIAL, TYPE B

STATION	TONS	REMARKS
Wolf Rd.		
L 678+10.84 - 688+50.05	313	8"
L 689+10.02 - 698+64.17	543	8"
R 678+10.84 - 688+64.29	290	8"
R 688+64.29 - 698+64.17	273	8"
1280 E. Road		
L 40+19 - 42+02	59	8"
R 40+19 - 42+02	83	8"
STA. 40+20 - 40+31	39	15" PIPE REMOVAL - 1' +/-
PROJECT TOTAL	1,600	

31101000

AGGREGATE BASE COURSE, TYPE A

STATION	TONS	REMARKS
Wolf Rd.		
L 678+10.84 - 688+50.05	156	4
PER 682+63	170	8
CER 686+31	31	8
L 689+10.02 - 698+64.17	271	4
R 678+10.84 - 688+64.29	145	4
R 688+64.29 - 698+64.17	137	4
PER 690+48	13	8
FEL 693+88.5	18	10
1280 E. Road		
L 40+19 - 42+02	29	4
R 40+19 - 42+02	41	4
STA. 40+20 - 40+31	13	15" PIPE REMOVAL - 4"
PER 41+32	21	8
PROJECT TOTAL	1,050	

35100100

AGGREGATE SURFACE COURSE, TYPE B

STATION	TONS	REMARKS
AS NEEDED BY ENGR.		
	30	CONTINGENCY ITEM FOR TEMP. ENTR'S.
PROJECT TOTAL	30	

40200800

BITUMINOUS MATERIALS (PRIME COAT)

STATION	GALLONS	REMARKS
L & R 678+10.84 - 698+64.17	1,694	.5 GAL S.Y.
L & R 40+19 - 42+03	8	.5 GAL S.Y.
CONTINGENCY		
L & R 678+10.84 - 698+64.17	891	.1 GAL S.Y.
L & R 40+19 - 42+03	47	.1 GAL S.Y.
PROJECT TOTAL	2,863	

40600100

AGGREGATE PRIME COAT

STATION	TONS	REMARKS
ENTIRE PROJECT		
	14	3 LBS S.Y.
PROJECT TOTAL	14	

40600300

BITUMINOUS BASE COURSE SUPERPAVE

STATION	TONS	REMARKS
Wolf Rd.		
L 678+10.84 - 688+50.05	185	4 1/2"
L 689+10.02 - 698+64.17	322	4 1/2"
R 678+10.84 - 688+50.05	172	4 1/2"
R 689+10.02 - 698+64.17	162	4 1/2"
1280 E. Road		
L 40+19 - 42+02	35	4 1/2"
R 40+19 - 42+02	49	4 1/2"
STA. 40+20 - 40+31	15	15" PIPE REMOVAL
PROJECT TOTAL	918	

X3550010

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50

STATION	TONS	REMARKS
Wolf Rd.		
L 678+10.84 - 688+64.29	220	1 1/2" PLUS LEVELING, 1.75", 1 LIFT
R 678+10.84 - 688+64.29	216	1 1/2" PLUS LEVELING, 1.75", 1 LIFT
PER 682+63	67	3"
CER 686+31	10	3"
L 688+64.29 - 698+64.17	271	1 1/2" PLUS LEVELING, 1.75", 1 LIFT
R 688+64.29 - 698+64.17	205	1 1/2" PLUS LEVELING, 1.75", 1 LIFT
PER 690+48	5	3"
1280 E. Rd.		
L & R 40+19 - 42+03	81	1 1/2" PLUS LEVELING, 1.75", 1 LIFT
PER 41+32	8	3"
PROJECT TOTAL	1,087	

X4066414

BITUMINOUS SURFACE REMOVAL - BUTT JOINT

STATION	SQ YD	REMARKS
Wolf Rd.		
678+10.84 - 678+35.84	67	
698+39.17 - 698+64.17	67	
1280 E. Rd.		
41+78 - 42+03	67	
PROJECT TOTAL	201	

40600980

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
224	04-00137-03-FP	HENRY	31	7
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT SP-EM1107	

SCHEDULES

PORTLAND CEMENT CONCRETE DRIVEWAY, 7"		
STATION	SQ YD	REMARKS
RT. 682+75	8	
PROJECT TOTAL	8	

42300300

STRIP REFLECTIVE CRACK CONTROL TREATMENT		
STATION	FOOT	REMARKS
Wolf Rd.		
L 678+60.84 - 687+38.21	877	2' WIDE APPLIED ALONG WIDENING
L 689+34.01 - 698+14.17	880	2' WIDE APPLIED ALONG WIDENING
R 678+60.84 - 698+14.17	1,953	2' WIDE APPLIED ALONG WIDENING
1280 E. Rd.		
L 40+19 - 42+03	284	2' WIDE APPLIED ALONG WIDENING
R 40+19 - 42+03	230	2' WIDE APPLIED ALONG WIDENING
PROJECT TOTAL	4,224	

44300200

BITUMINOUS SHOULDERS SUPERPAVE		
STATION	TON	REMARKS
Wolf Rd.		
L 678+10.84 - 688+29	347	7" COMPLETE
R 678+10.84 - 688+64.29	386	7" COMPLETE
R 688+64.29 - 698+64.17	360	7" COMPLETE
L 688+98 - 698+64.17	284	7" COMPLETE
1280 E. Rd.		
L 40+40 - 42+03	50	7" COMPLETE
R 40+55 - 42+03	38	7" COMPLETE
PROJECT TOTAL	1,465	

48202000

PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"		
STATION	EACH	REMARKS
Wolf Rd.		
R 682+00	1	
PROJECT TOTAL	1	

54213657

PIPE CULVERTS, CLASS D, TYPE 1 15"		
STATION	FOOT	REMARKS
Wolf Rd.		
PER 690+30 - 690+66	36	WOLF RD.
FEL 693+69 - 694+07	38	WOLF RD.
1280 E. Rd.		
PER 41+12 - 41+52	40	1280 EAST RD.
PROJECT TOTAL	114	

54200220

PIPE CULVERTS, CLASS D, TYPE 1 36"		
STATION	FOOT	REMARKS
Wolf Rd.		
R 697+84	6	PIPE CULVERT EXTENSION
PROJECT TOTAL	6	

54200241

STORM SEWERS, CLASS A, TYPE 1 12"		
STATION	FOOT	REMARKS
Wolf Rd.		
R 682+00 - 682+92	88	
PROJECT TOTAL	88	

550A0050

PIPE DRAINS, 10" SPECIAL		
STATION	FOOT	REMARKS
Wolf Rd.		
682+92 - 683+25	32	CONTINGENCY PLAN
683+25 - 686+12	287	CONTINGENCY PLAN
PROJECT TOTAL	319	

60101905

CONCRETE GUTTER, TYPE A (MODIFIED)		
STATION	FOOT	REMARKS
RT. 682+73 - RT. 683+37.5	96	
RT. 683+37.5 - RT. 686+08	271	
PROJECT TOTAL	367	

60602600

SHORT-TERM PAVEMENT MARKING		
STATION	FOOT	REMARKS
Wolf Rd.		
678+10.84 - 698+64.17	376	4-40 CL MARKING - 2 LIFTS
1280 E. Rd.		
40+49 - 42+03	32	4-40 CL MARKING - 2 LIFTS
PROJECT TOTAL	408	

70300100

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS		
STATION	EACH	REMARKS
Wolf Rd.		
40' LT 679+50	1	
50' LT 679+50	1	
40' RT 682+00	1	
40' RT 683+15	1	
40' RT 687+33	1	
45' RT 687+33	1	
50' LT 687+80	1	
50' LT 689+50	1	
50' LT 694+48.70	1	
40.58' LT 694+8.8	1	
45' RT 698+00	1	
40' RT 698+00	1	
1280 East Rd.		
35.25' LT 41+00	1	
40' RT 41+00	1	
40' RT 41+50	1	
33' RT 41+50	1	
PROJECT TOTAL	16	

66600105

WORK ZONE PAVEMENT MARKING REMOVAL		
STATION	SQ FT	REMARKS
Wolf Rd.		
678+10.84 - 698+64.17	188	
1280 E. Rd.		
40+49 - 42+03	16	
PROJECT TOTAL	204	

70301000

SIGN PANEL - TYPE 1		
STATION	SQ FT	REMARKS
33' RT 686+52	6.25	R 3-2 (NO LEFT TURN) - 30" x 30"
PROJECT TOTAL	6.25	

72900100

METAL POST TYPE-A		
STATION	FOOT	REMARKS
33' RT 686+52	12	R 3-2 (NO LEFT TURN) - 30" x 30"
PROJECT TOTAL	12	

72900100

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
224	04-00137-03-FP	HENRY	31	8
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 3R-2407R	

SCHEDULES

CON'T.

STATION	FOOT	REMARKS
LT 683+84	1	1-WAY CRYSTAL MARKER
RT 683+84	2	2-WAY AMBER MARKERS
LT 684+14	1	1-WAY CRYSTAL MARKER
RT 684+24	2	2-WAY AMBER MARKERS
RT 684+64	2	2-WAY AMBER MARKERS
LT 685+04	2	2-WAY AMBER MARKERS
LT 685+44	2	2-WAY AMBER MARKERS
RT 685+60	1	1-WAY CRYSTAL MARKER
LT 685+84	2	2-WAY AMBER MARKERS
RT 685+84	1	1-WAY CRYSTAL MARKER
LT 686-24	2	2-WAY AMBER MARKERS
RT 686+24	1	1-WAY CRYSTAL MARKER
LT 686+64	2	2-WAY AMBER MARKERS
RT 686+64	1	1-WAY CRYSTAL MARKER
LT 687+04	2	2-WAY AMBER MARKERS
RT 687+04	1	1-WAY CRYSTAL MARKER
LT 687+44	2	2-WAY AMBER MARKERS
RT 687+44	1	1-WAY CRYSTAL MARKER
LT 687+84	2	2-WAY AMBER MARKERS
RT 687+84	1	1-WAY CRYSTAL MARKER
LT 688+24	2	2-WAY AMBER MARKERS
RT 688+24	1	1-WAY CRYSTAL MARKER
LT 689+10	2	1-WAY AMBER MARKERS
LT 689+34	1	1-WAY CRYSTAL MARKER
LT & RT 689+50	2	1-WAY AMBER MARKERS
LT 689+74	1	1-WAY CRYSTAL MARKER
LT & RT 689+90	2	1-WAY AMBER MARKERS
LT 690+14	1	1-WAY CRYSTAL MARKER
LT & RT 690+30	2	1-WAY AMBER MARKERS
LT 690+54	1	1-WAY CRYSTAL MARKER
LT & RT 690+70	2	1-WAY AMBER MARKERS
LT 690+94	1	1-WAY CRYSTAL MARKER
LT & RT 691+10	2	1-WAY AMBER MARKERS
LT 691+34	1	1-WAY CRYSTAL MARKER
LT & RT 691+50	2	1-WAY AMBER MARKERS
LT 691+74	1	1-WAY CRYSTAL MARKER
LT & RT 691+90	2	1-WAY AMBER MARKERS
LT 691+99	1	1-WAY CRYSTAL MARKER
LT & RT 692+30	2	1-WAY AMBER MARKERS
LT & RT 692+70	2	1-WAY AMBER MARKERS
LT & RT 693-10	2	1-WAY AMBER MARKERS
LT & RT 693+50	2	1-WAY AMBER MARKERS
LT & RT 693+90	2	1-WAY AMBER MARKERS
LT & RT 694+30	2	1-WAY AMBER MARKERS
LT & RT 694+70	2	1-WAY AMBER MARKERS
LT & RT 695+10	2	1-WAY AMBER MARKERS
LT & RT 695+50	2	1-WAY AMBER MARKERS
LT & RT 695+90	2	1-WAY AMBER MARKERS
LT & RT 696-30	2	1-WAY AMBER MARKERS
LT & RT 696-70	2	1-WAY AMBER MARKERS
LT & RT 697+10	2	1-WAY AMBER MARKERS
LT & RT 697-50	2	1-WAY AMBER MARKERS
LT & RT 697+89	2	1-WAY AMBER MARKERS
698+30	1	2-WAY AMBER MARKER
698+70	1	2-WAY AMBER MARKER
699+10	1	2-WAY AMBER MARKER
1280 East Rd.		
40+49	1	2-WAY AMBER MARKERS
41+29	1	2-WAY AMBER MARKERS
PROJECT TOTAL	122	

CON'T.

THERMOPLASTIC PAVEMENT MARKING - LINE 12"		
STATION	FOOT	REMARKS
LT & RT 678+85.84 - 682+38	85	YELLOW MEDIAN MARKING
LT & RT 689+10 - 697+89.01	378	YELLOW MEDIAN MARKING
PROJECT TOTAL	463	

THERMOPLASTIC PAVEMENT MARKING - LINE 24"		
STATION	FOOT	REMARKS
LT 40+49	23	STOP LINE
PROJECT TOTAL	23	

BREAKER-RUN CRUSHED STONE		
STATION	TONS	REMARKS
CONTINGENCY ITEM	205	AS DIRECTED BY THE ENGINEER
PROJECT TOTAL	205	

RAISED REFLECTIVE PAVEMENT MARKER		
STATION	EACH	REMARKS
Wolff Rd.		
677+78	1	2-WAY AMBER MARKER
678+18	1	2-WAY AMBER MARKERS
678+58	1	2-WAY AMBER MARKERS
678+86	1	1-WAY AMBER MARKERS
LT & RT 679+38	2	1-WAY AMBER MARKERS
LT & RT 679+78	2	1-WAY AMBER MARKERS
LT & RT 680+18	2	1-WAY AMBER MARKERS
LT & RT 680+58	2	1-WAY AMBER MARKERS
LT & RT 680+98	2	1-WAY AMBER MARKERS
LT & RT 681+38	2	1-WAY AMBER MARKERS
LT & RT 681+78	2	1-WAY AMBER MARKERS
LT & RT 682+18	2	1-WAY AMBER MARKERS
LT 682+29	1	1-WAY AMBER MARKER
RT 682+38	2	1-WAY AMBER MARKERS
LT 683+00	1	1-WAY CRYSTAL MARKER
RT 683+00	2	2-WAY AMBER MARKERS
LT 683+44	1	1-WAY CRYSTAL MARKER
RT 683+44	2	2-WAY AMBER MARKERS

THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS		
STATION	SQ FT	REMARKS
683+21	15.6	LEFT TURN ARROW
684+04	15.6	LEFT TURN ARROW
685+69	15.6	LEFT TURN ARROW
686+49	15.6	LEFT TURN ARROW
687+24	15.6	LEFT TURN ARROW
688+02	15.6	LEFT TURN ARROW
LT 689+56	15.6	RIGHT TURN ARROW
LT 690+30	15.6	RIGHT TURN ARROW
LT 691+05	15.6	RIGHT TURN ARROW
LT 691+89	15.6	RIGHT TURN ARROW
PROJECT TOTAL	156	

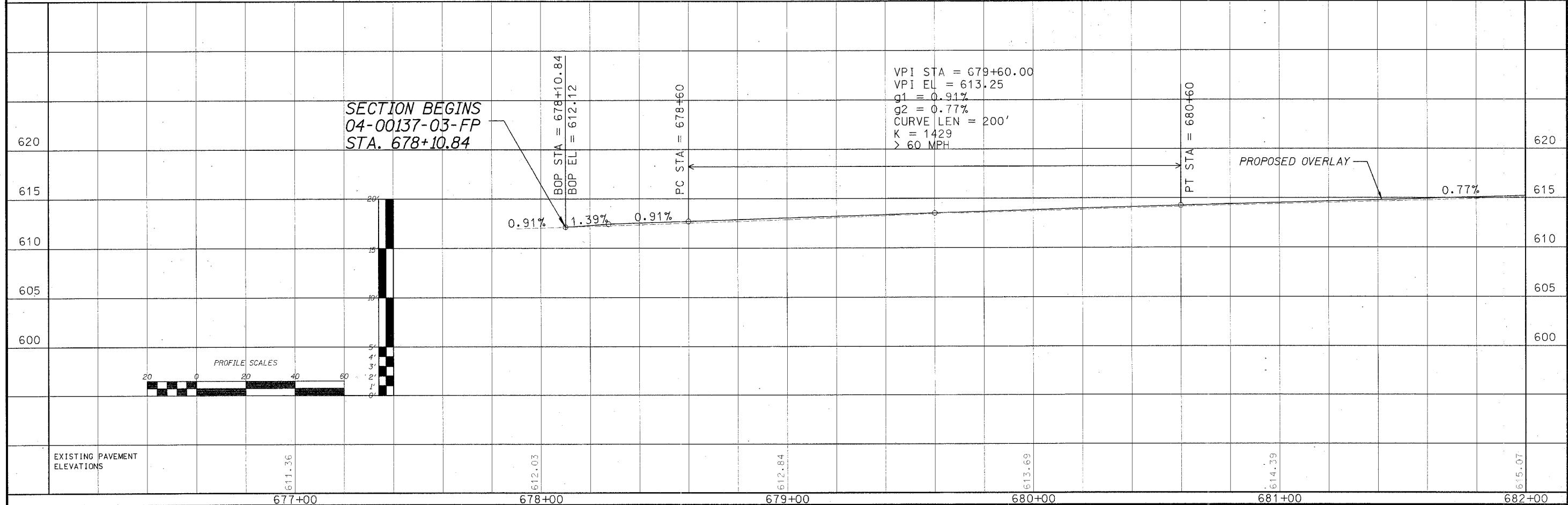
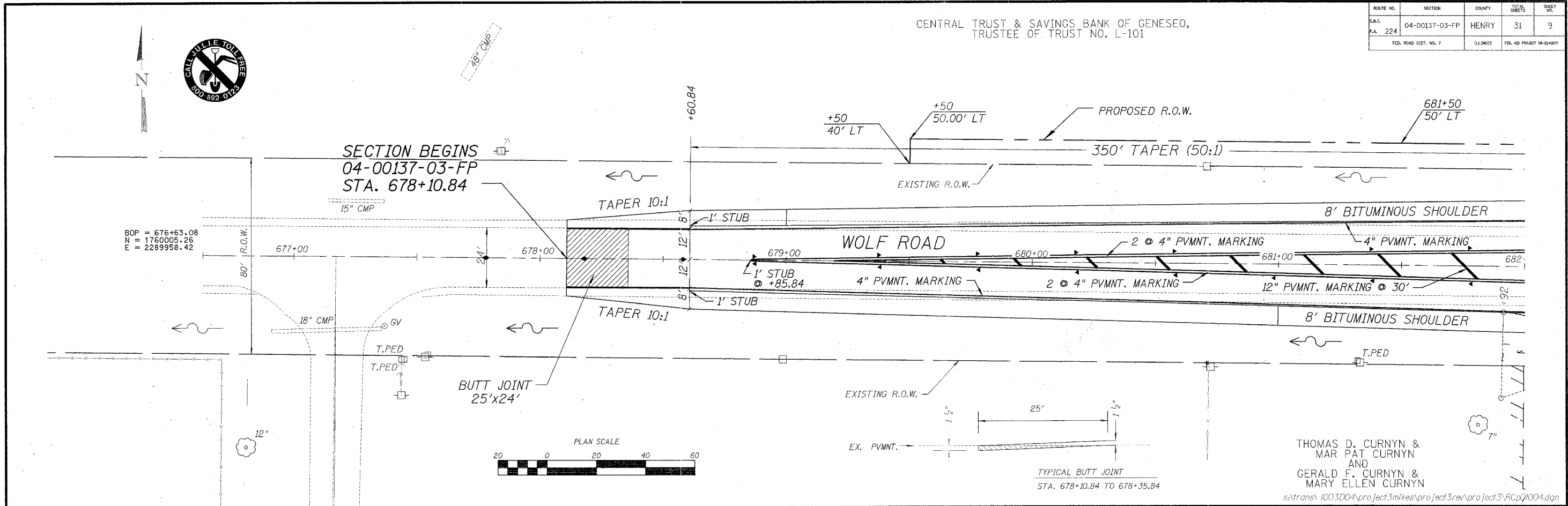
THERMOPLASTIC PAVEMENT MARKING - LINE 4"		
STATION	FOOT	REMARKS
Wolff Rd.		
LT 678+10.84 - 687+38.21	928	WHITE EDGE LINE
RT 689+34.01 - 698+64.17	930	WHITE EDGE LINE
RT 678+10.84 - 698+64.17	2,053	WHITE EDGE LINE
LT & RT 678+85.84 - 682+38	1,348	DBL YELLOW-CL & MEDIAN
LT & RT 682+99.27 - 688+24.27	1,052	DBL YELLOW-CL & MEDIAN
LT & RT 689+10 - 697+89.01	3,450	DBL YELLOW-CL & MEDIAN
Intersection		
NW Radius	145	WHITE EDGE LINE
NE Radius	148	WHITE EDGE LINE
1280 East Rd.		
LT 40+84 - 42+03	119	WHITE EDGE LINE
RT 41+53 - 42+03	50	WHITE EDGE LINE
40+49 - 42+03	308	DBL YELLOW-CL
PROJECT TOTAL	10,531	

THERMOPLASTIC PAVEMENT MARKING - LINE 8"		
STATION	FOOT	REMARKS
LT 682+99.27 - 684+14.20	115	WHITE TURN LANE
LT 684+14.20 - 685+59.27	36	WHITE 3-9 SKIP DASH
RT 684+14.20 - 685+59.27	36	WHITE 3-9 SKIP DASH
RT 685+59.27 - 688+24.27	265	WHITE TURN LANE
RT 689+34.01 - 691+99.01	265	WHITE TURN LANE
RT 691+99.01 - 694+64.01	66	WHITE 3-9 SKIP DASH
PROJECT TOTAL	783	

INLET SPECIAL WITH FRAME AND GRATE		
STATION	EACH	REMARKS
RT. 682+95	1	
PROJECT TOTAL	1	

CENTRAL TRUST & SAVINGS BANK OF GENESEO,
TRUSTEE OF TRUST NO. L-101

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.R.L. 224	04-00137-03-FP	HENRY	31	9
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 58-24-007	



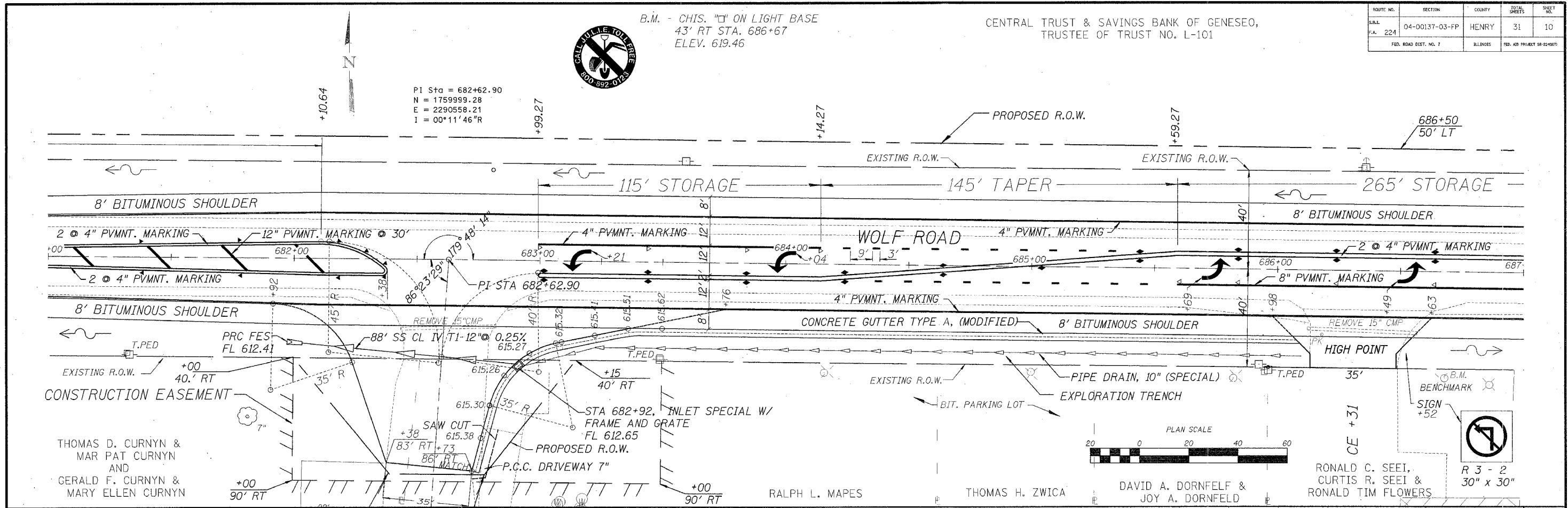
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.L. 224	04-00137-03-FP	HENRY	31	10
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 18-22-907	

B.M. - CHIS. "C" ON LIGHT BASE
43' RT STA. 686+67
ELEV. 619.46

CENTRAL TRUST & SAVINGS BANK OF GENESEO,
TRUSTEE OF TRUST NO. L-101



PI Sta = 682+62.90
N = 1759999.28
E = 2290558.21
I = 00°11'46"R



THOMAS D. CURNYN &
MAR PAT CURNYN
AND
GERALD F. CURNYN &
MARY ELLEN CURNYN

RALPH L. MAPES

THOMAS H. ZWICA

DAVID A. DORNFELD &
JOY A. DORNFELD

RONALD C. SEEI,
CURTIS R. SEEI &
RONALD TIM FLOWERS

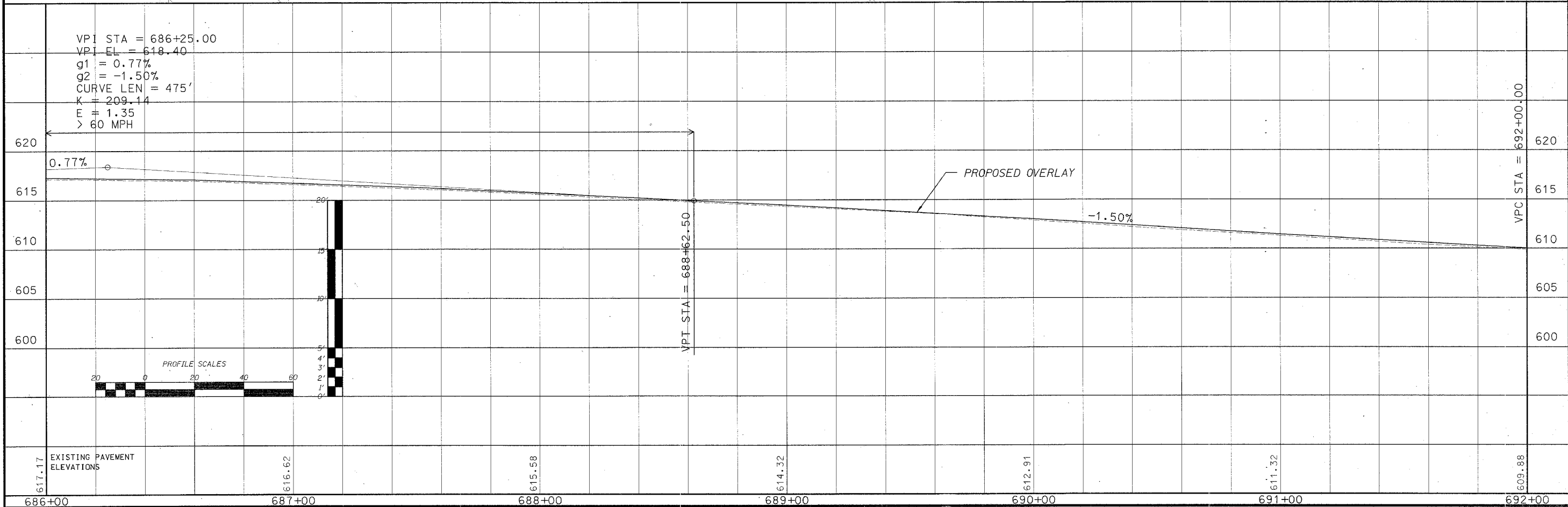
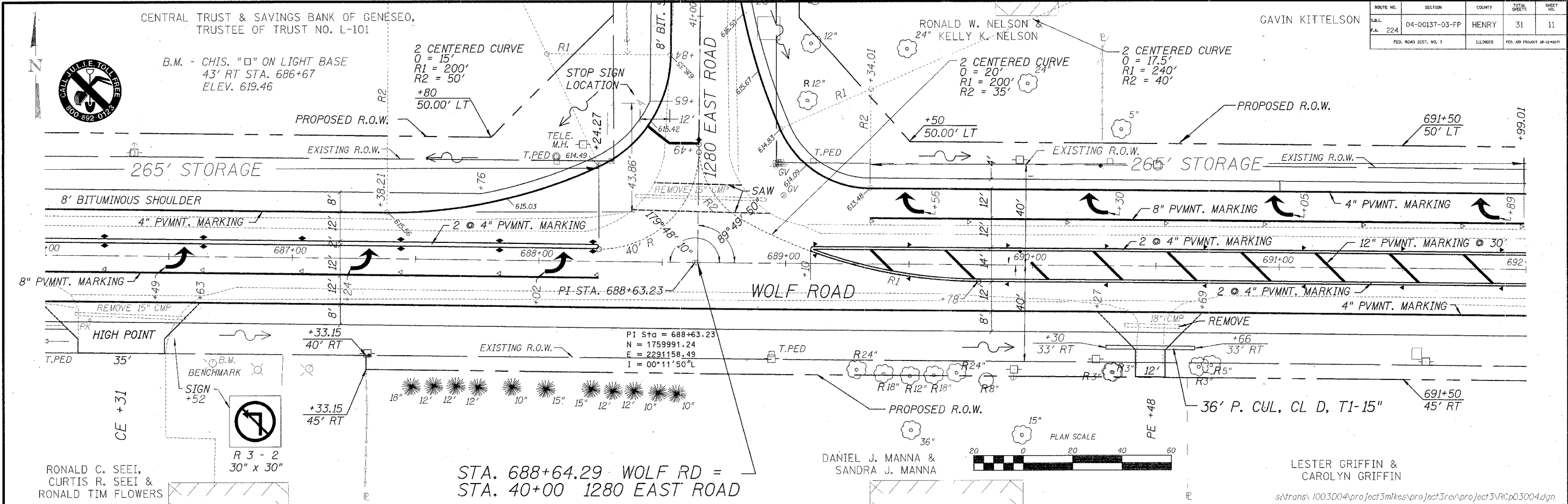


R 3 - 2
30" x 30"



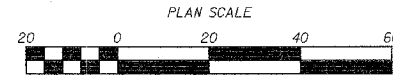
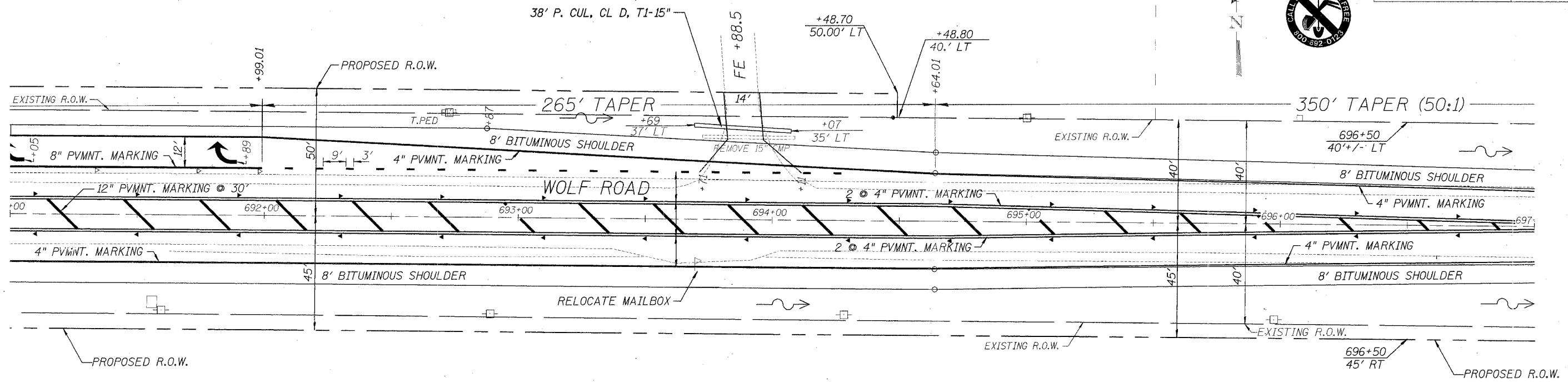
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 1A-12-10071	



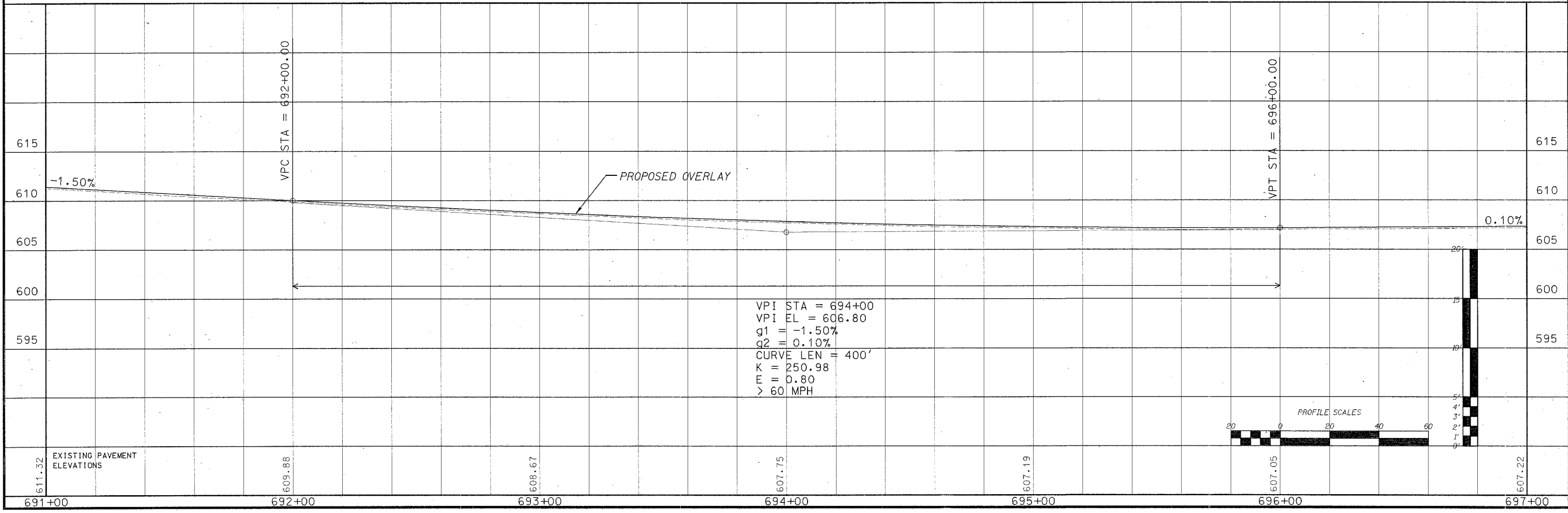
GAVIN KITTELSON

ROUTE NO.	SECTION	COUNTY	TITLE SHEETS	SHEET NO.
S.A. 224	04-00137-03-FP	HENRY	31	12
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 58-240(7)	

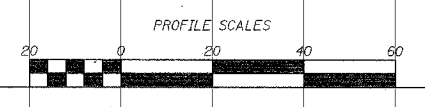


LESTER GRIFFIN &
CAROLYN GRIFFIN

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VPI STA = 694+00
VPI EL = 606.80
g1 = -1.50%
g2 = 0.10%
CURVE LEN = 400'
K = 250.98
E = 0.80
> 60 MPH

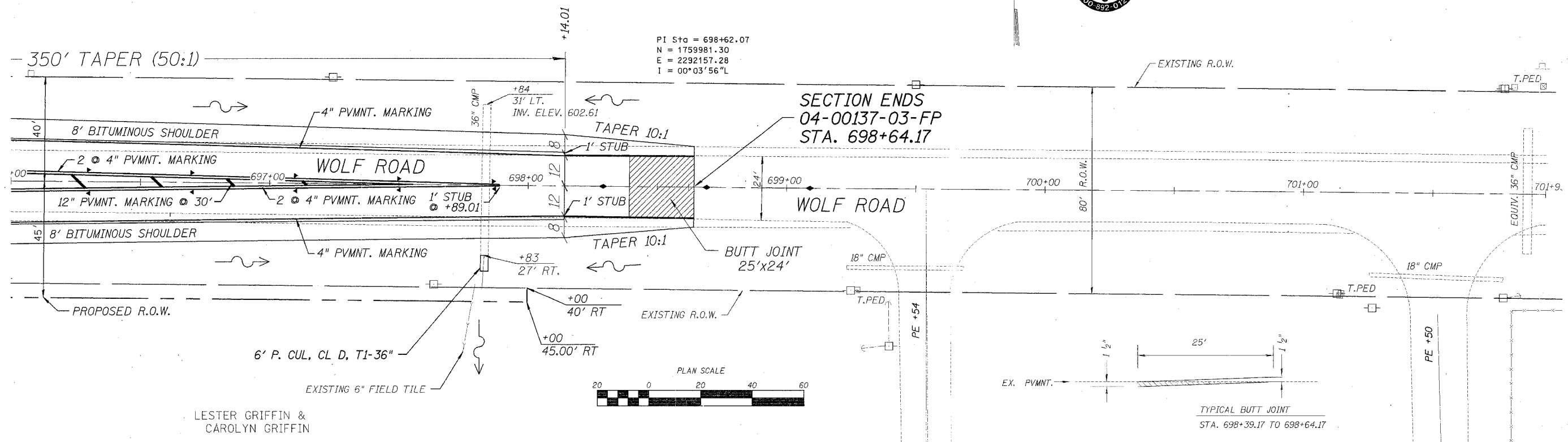


611.32	609.88	608.67	607.75	607.19	607.05	607.22
691+00	692+00	693+00	694+00	695+00	696+00	697+00

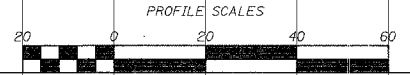
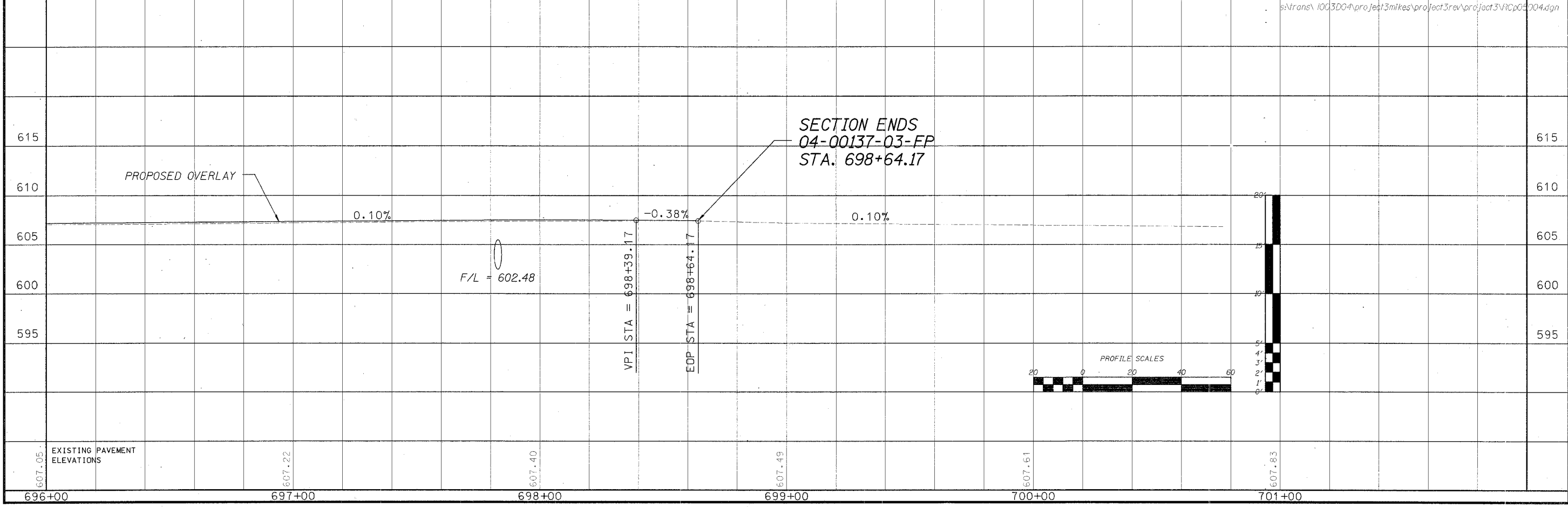
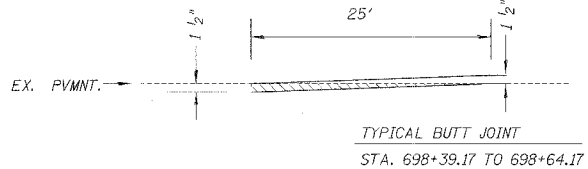
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
224	04-00137-03-FP	HENRY	31	13
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT SP-204007	



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 N = 1759981.30
 E = 2292157.28
 I = 00°03'56" L

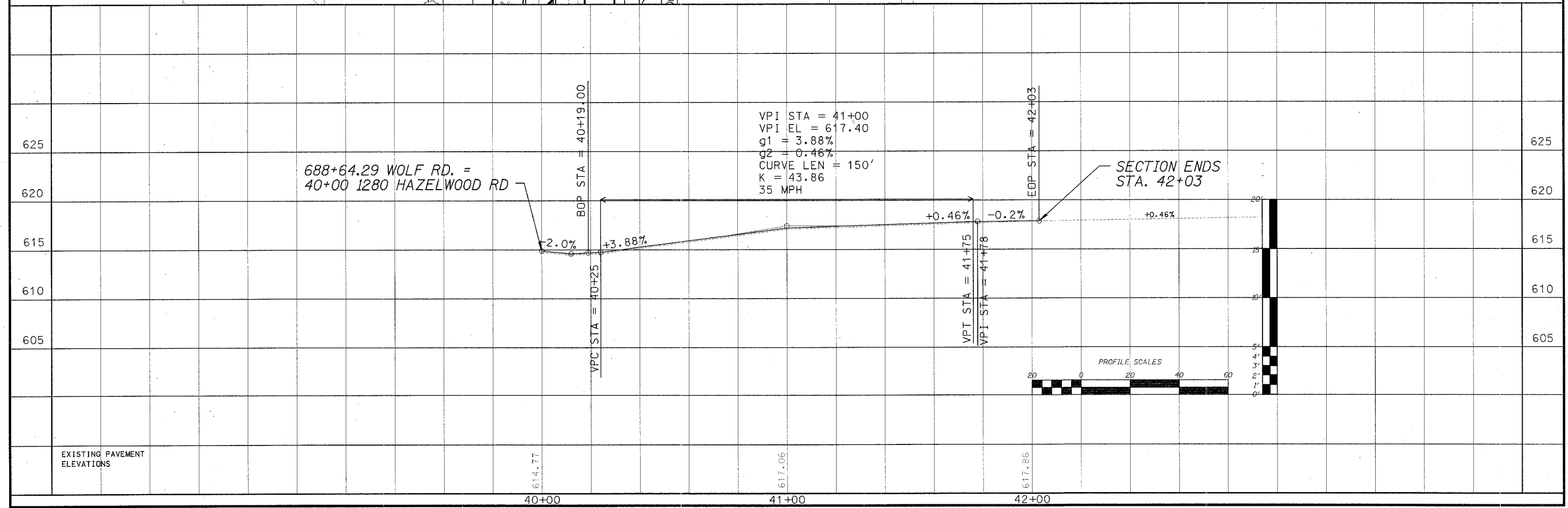
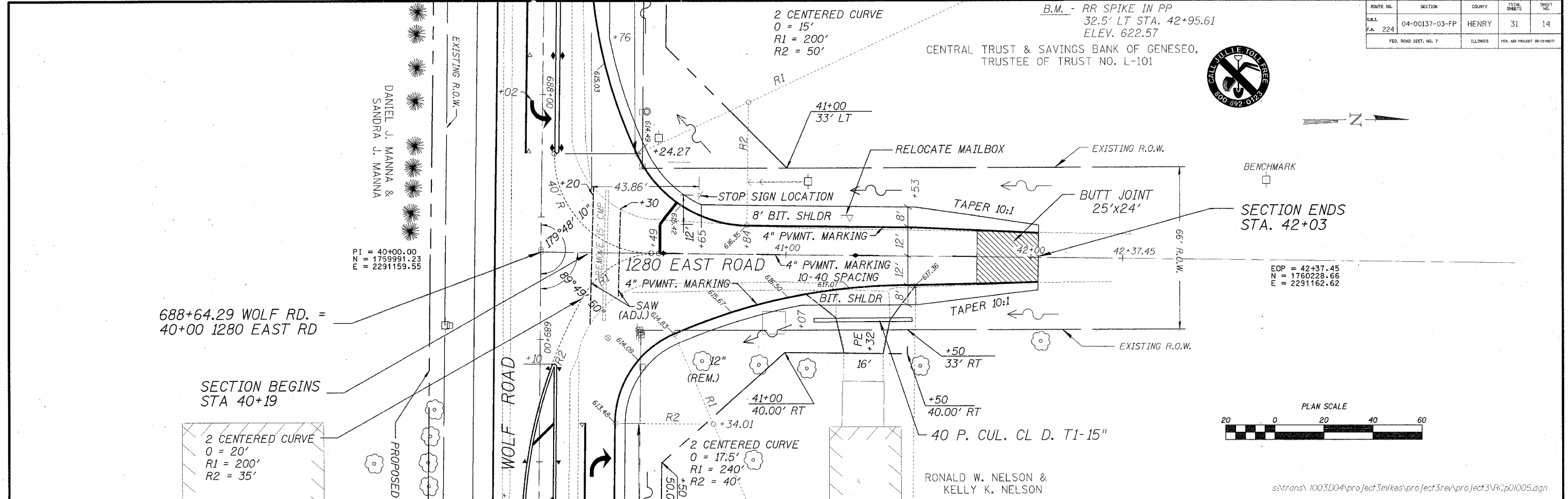


LESTER GRIFFIN &
 CAROLYN GRIFFIN

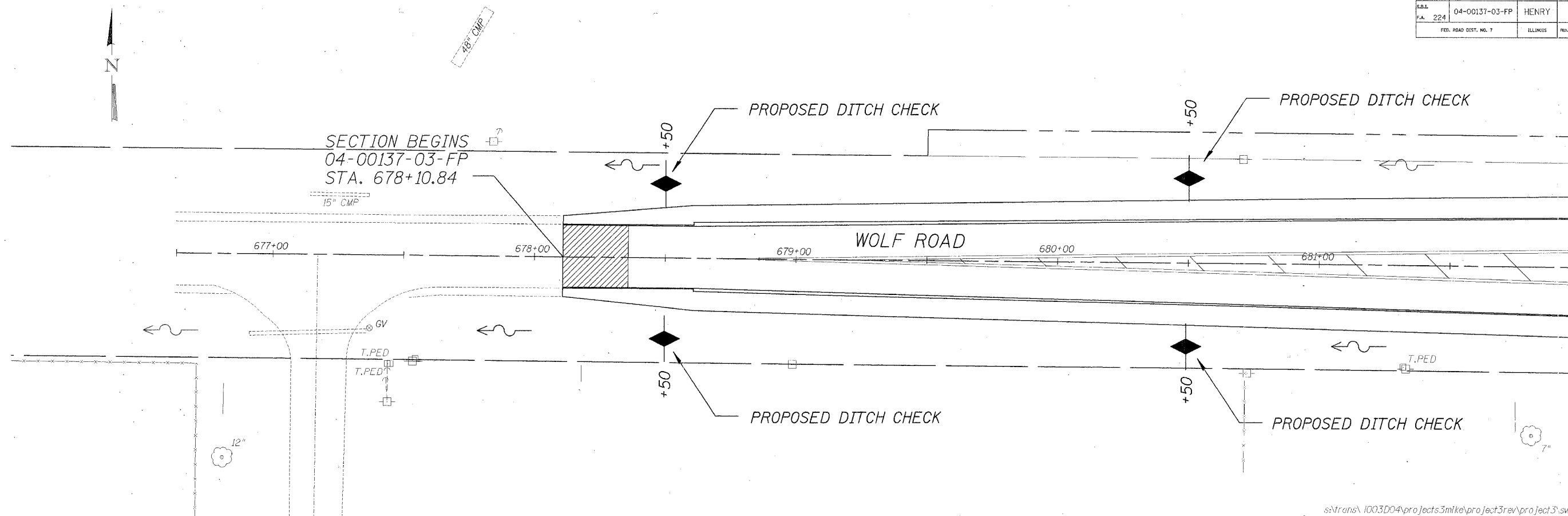


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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
224	04-00137-03-FP	HENRY	31	14



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.A.L. 224	04-00137-03-FP	HENRY	31	15
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 08-224001	



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STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SECTION 280, TEMPORARY EROSION CONTROL, OF THE STANDARD SPECIFICATIONS ADDITIONALLY SUPPLEMENTS THIS PLAN.

SITE DESCRIPTION
DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROJECT CONSISTS OF WIDENING OF WOLF ROAD AND 1280 EAST ROAD.
2. CONSTRUCTION INCLUDES EARTH EXCAVATION, DRIVEWAYS, PIPE CULVERTS, VARIOUS PAVEMENT ITEMS AND OTHER MISCELLANEOUS ITEMS OF CONSTRUCTION.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. TREE REMOVAL AS SHOWN ON THE PLANS, SEEDING CLASS 2 AS NEEDED AND INSTALL PERIMETER EROSION BARRIER.
2. EARTH EXCAVATION
3. CULVERT INSTALLATION
4. AGGREGATE BASE, BITUMINOUS SURFACE AND RELATED APPURTENANCES
5. PLACEMENT OF PERMANENT EROSION CONTROL IN DITCHES AND AROUND CULVERTS INCLUDING PERIMETER EROSION BARRIER, SEEDING, ETC.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 4.8 ACRES OF WHICH 4.8 ACRES WILL BE DISTURBED BY EXCAVATION, PAVING, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

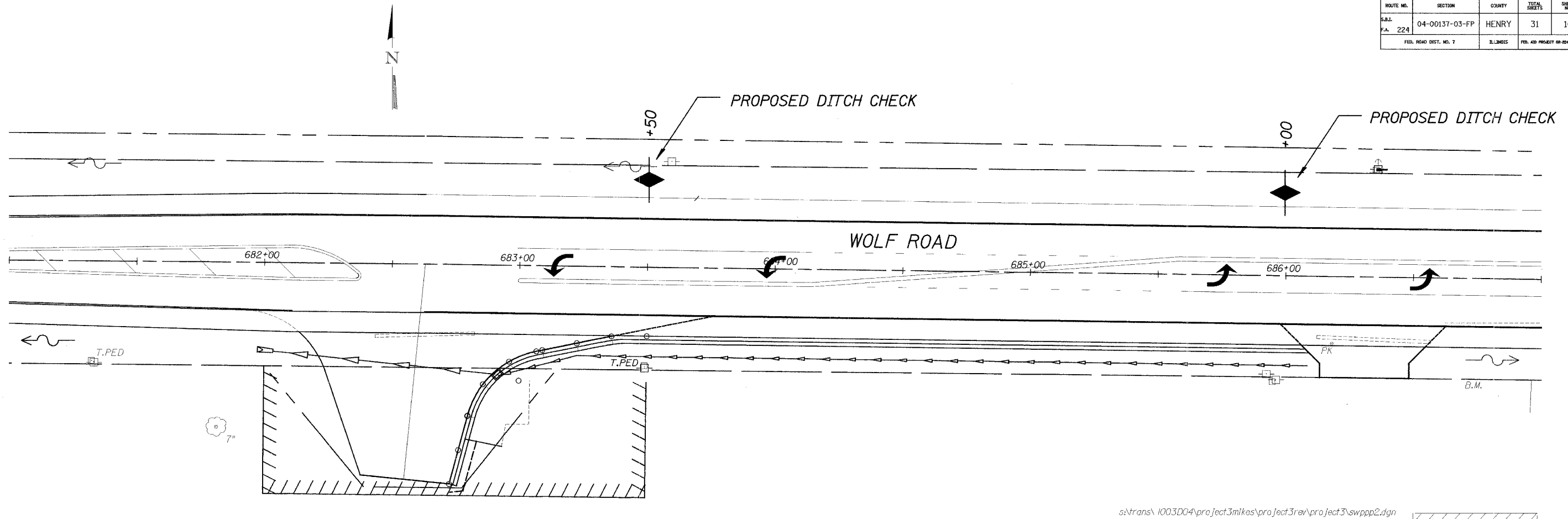
1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

LEGEND

	TEMPORARY DITCH CHECK
	EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER

STORM WATER POLLUTION PREVENTION PLAN
SHEET 1
WHA #1003D04

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.A. 224	04-00137-03-FP	HENRY	31	16
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT #0-24897	



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DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. DITCH OUTLETS AND CULVERT FLOWS INTO TRIBUTARY OF THE ROCK RIVER.

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL
DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION.

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PERIMETER EROSION BARRIER, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.

DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.

AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.

- (e) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODABLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.

AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.

2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Henry County Engineer Signature
HENRY COUNTY ENGINEER

Jan. 6, 2006
DATE

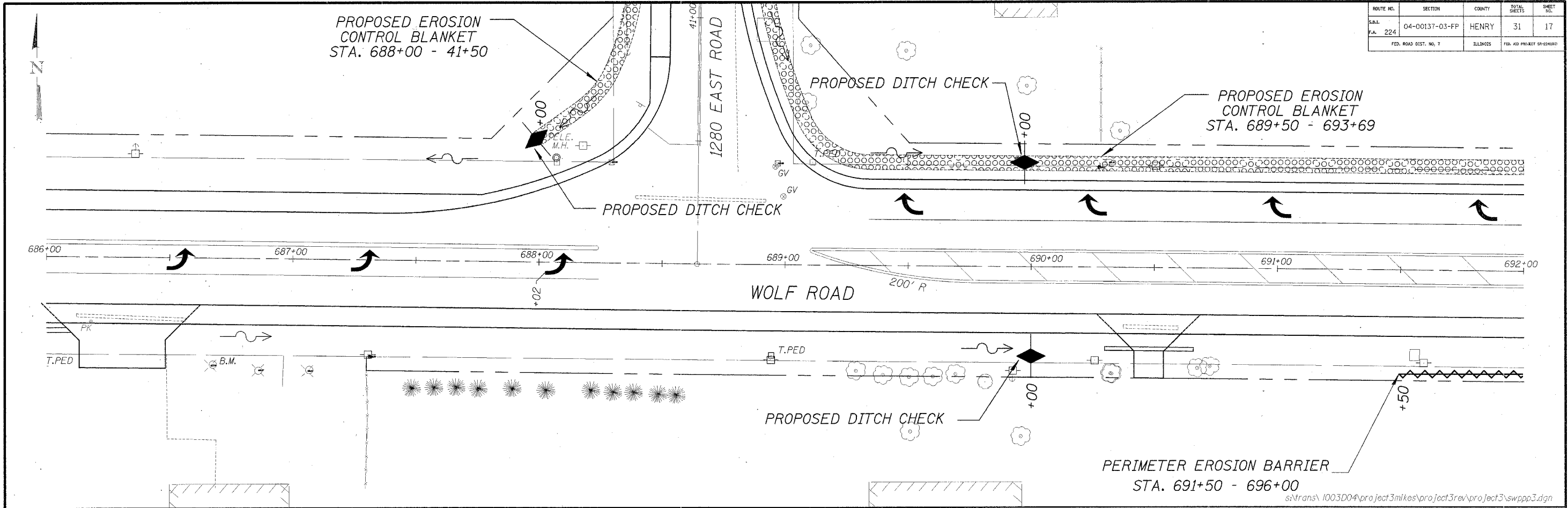
LEGEND

	TEMPORARY DITCH CHECK
	EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER

STORM WATER POLLUTION PREVENTION PLAN

SHEET 2
WHA #1003D04

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.R.L. 224	04-00137-03-FP	HENRY	31	17
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT SP-246001	



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DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.

AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:

PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.

TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.

CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.

TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.

BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.




CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT EROSION CONTROL SUCH AS CONDUCTING FINAL SHPAING TO THE SLOPES.

EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.

CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

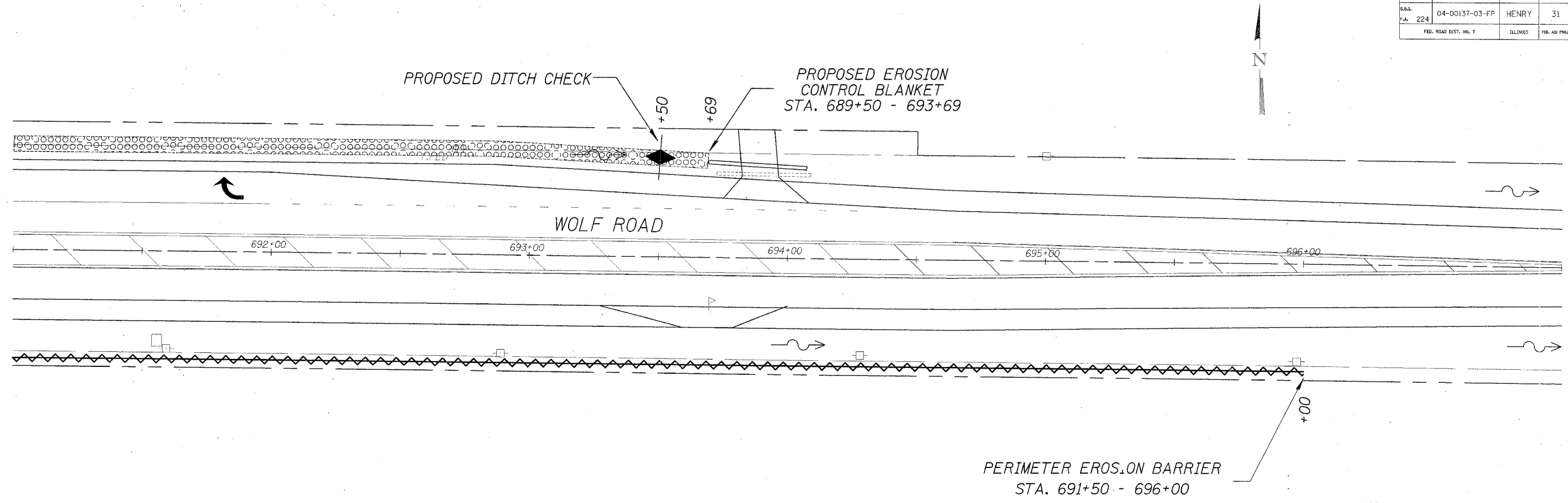
LEGEND

-  TEMPORARY DITCH CHECK
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER

STORM WATER POLLUTION PREVENTION PLAN

SHEET 3
WHA #1003D04

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.A.L. 224	04-00137-03-FP	HENRY	31	18
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT NO. 124(00)	



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SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING :

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

MAINTENANCE AFTER CONSTRUCTION :

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY I.D.O.T. FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

MISCELLANEOUS:

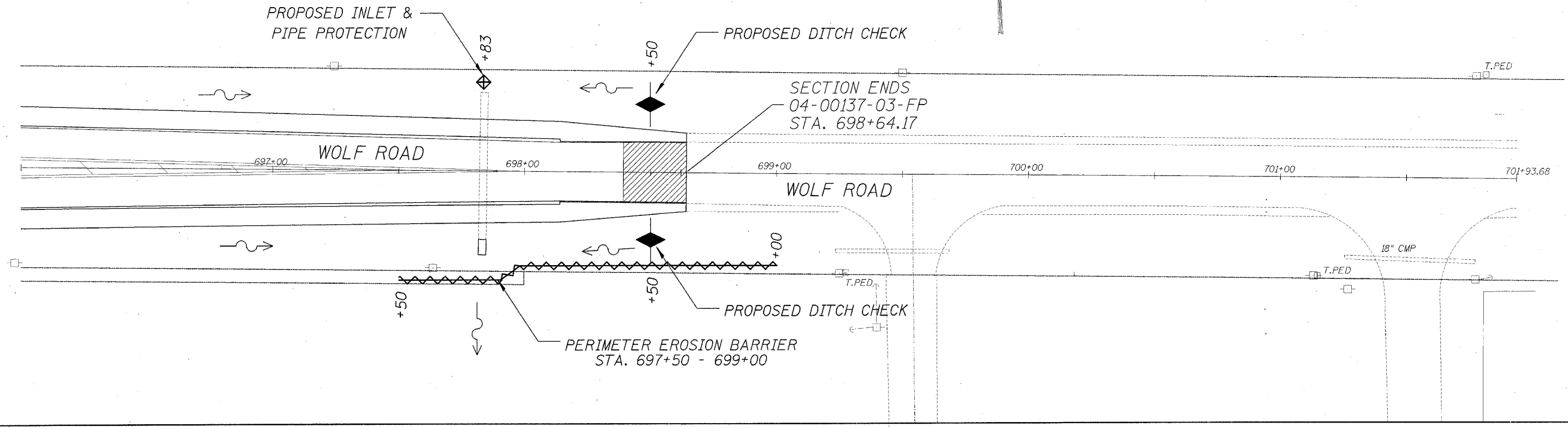
1. TEMPORARY DITCH CHECKS SHALL BE INSTALLED AT THE DIRECTION OF THE ENGINEER.
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES.
3. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS MAY BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT SEDGES), AND/OR ANY OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
4. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.
5. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

LEGEND

	TEMPORARY DITCH CHECK
	EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER

STORM WATER
POLLUTION
PREVENTION PLAN
SHEET 4
WHA #1003D04

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.A. 224	04-00137-03-FP	HENRY	31	19
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT SH-224871		



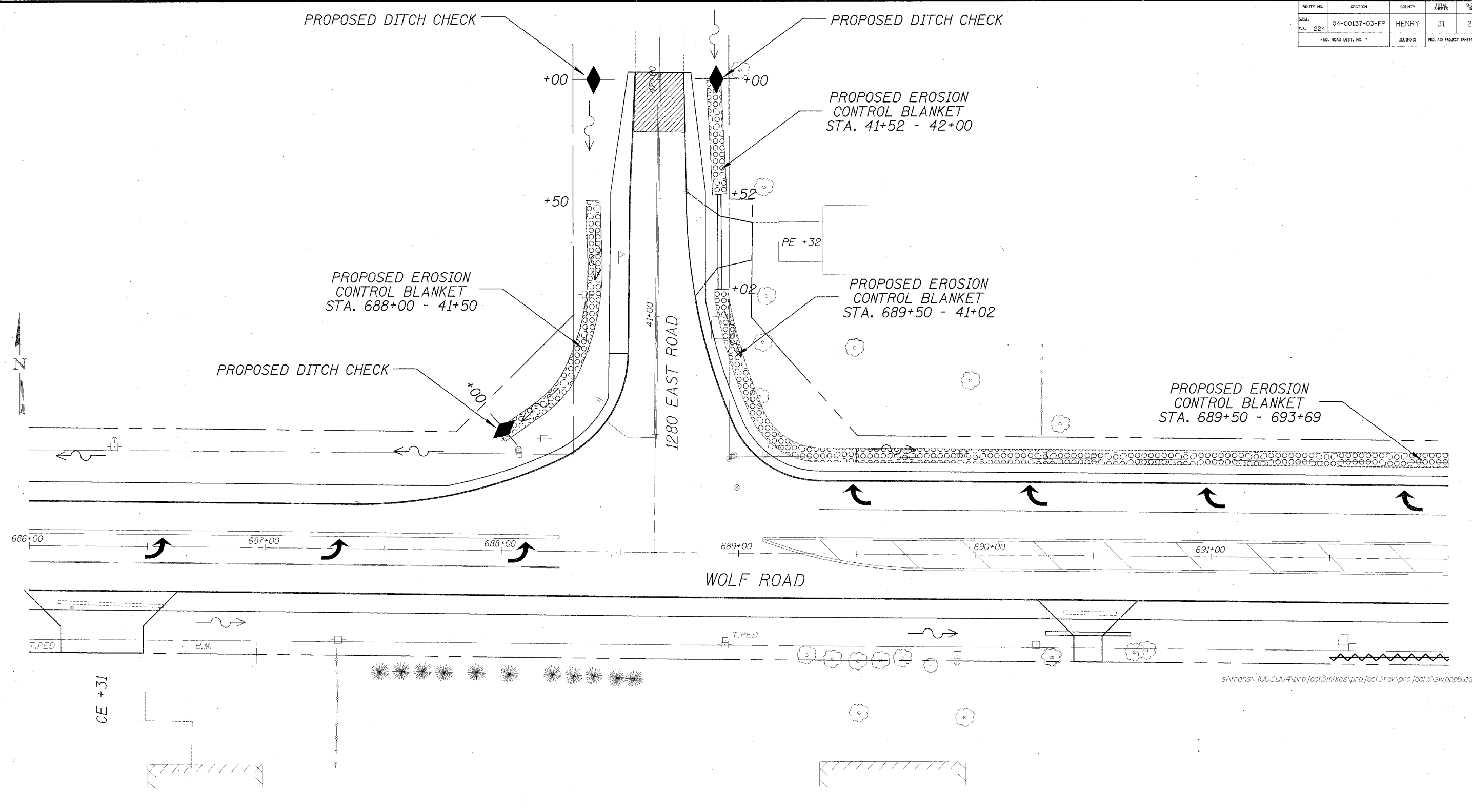
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- LEGEND**
- TEMPORARY DITCH CHECK
 - EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
 - INLET & PIPE PROTECTION

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.

STORM WATER
POLLUTION
PREVENTION PLAN
SHEET 5
WHA #1003D04

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.L. P.A. 224	04-00137-03-FP	HENRY	31	20
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 04-00137	

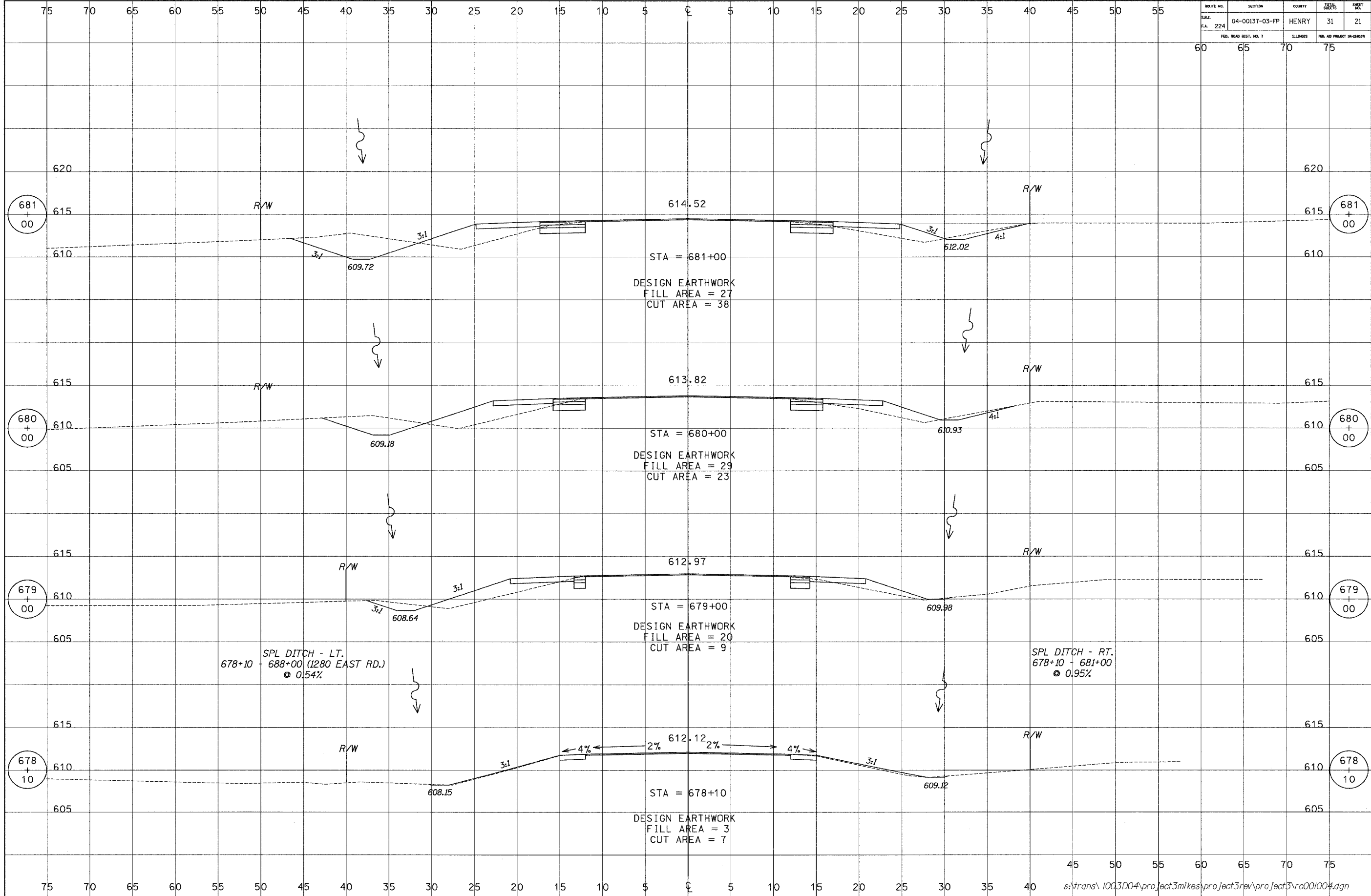


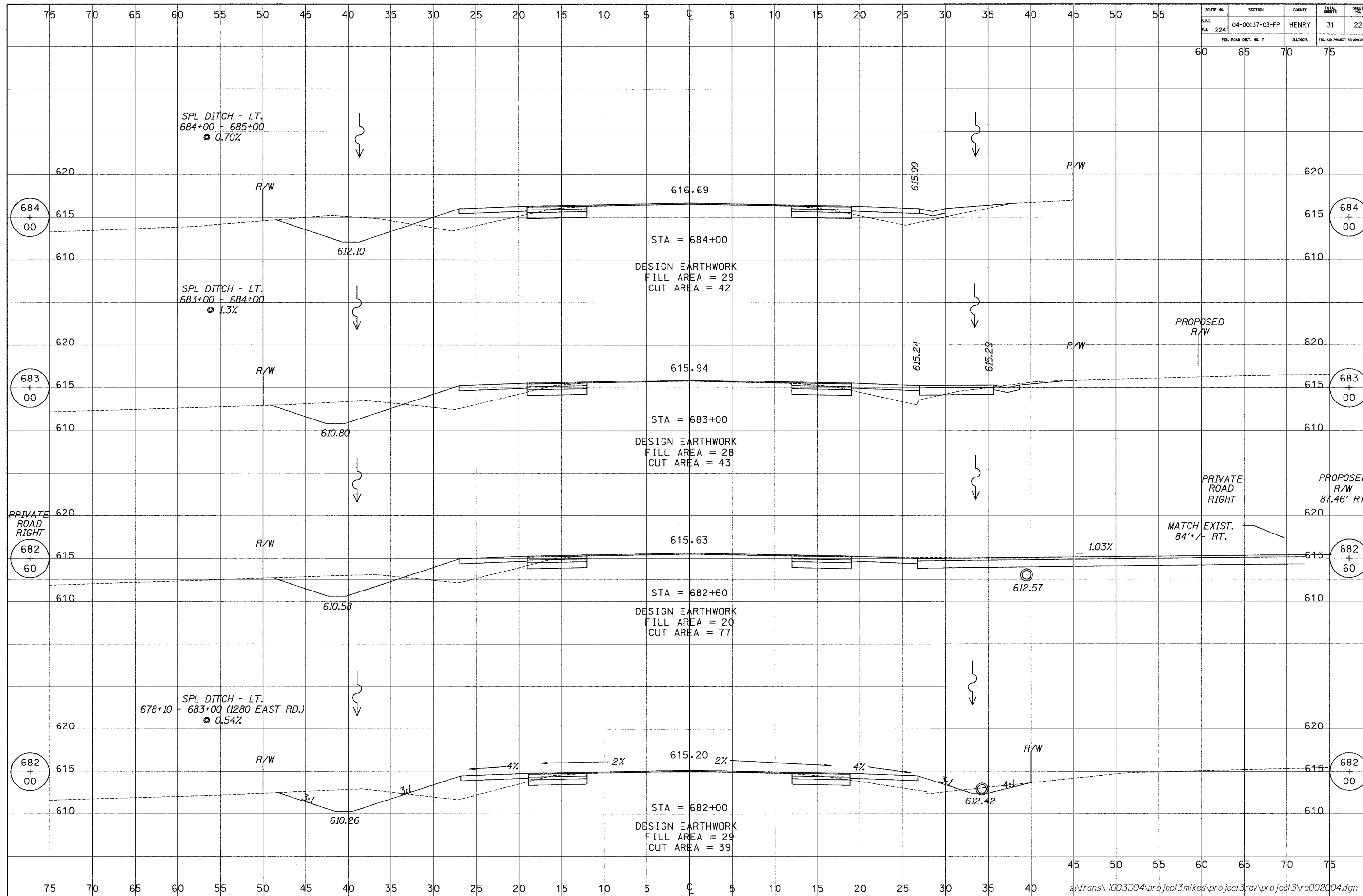
NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.

- LEGEND**
- TEMPORARY DITCH CHECK
 - EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER

**STORM WATER
POLLUTION
PREVENTION PLAN**
SHEET 6
WHA #1003D04

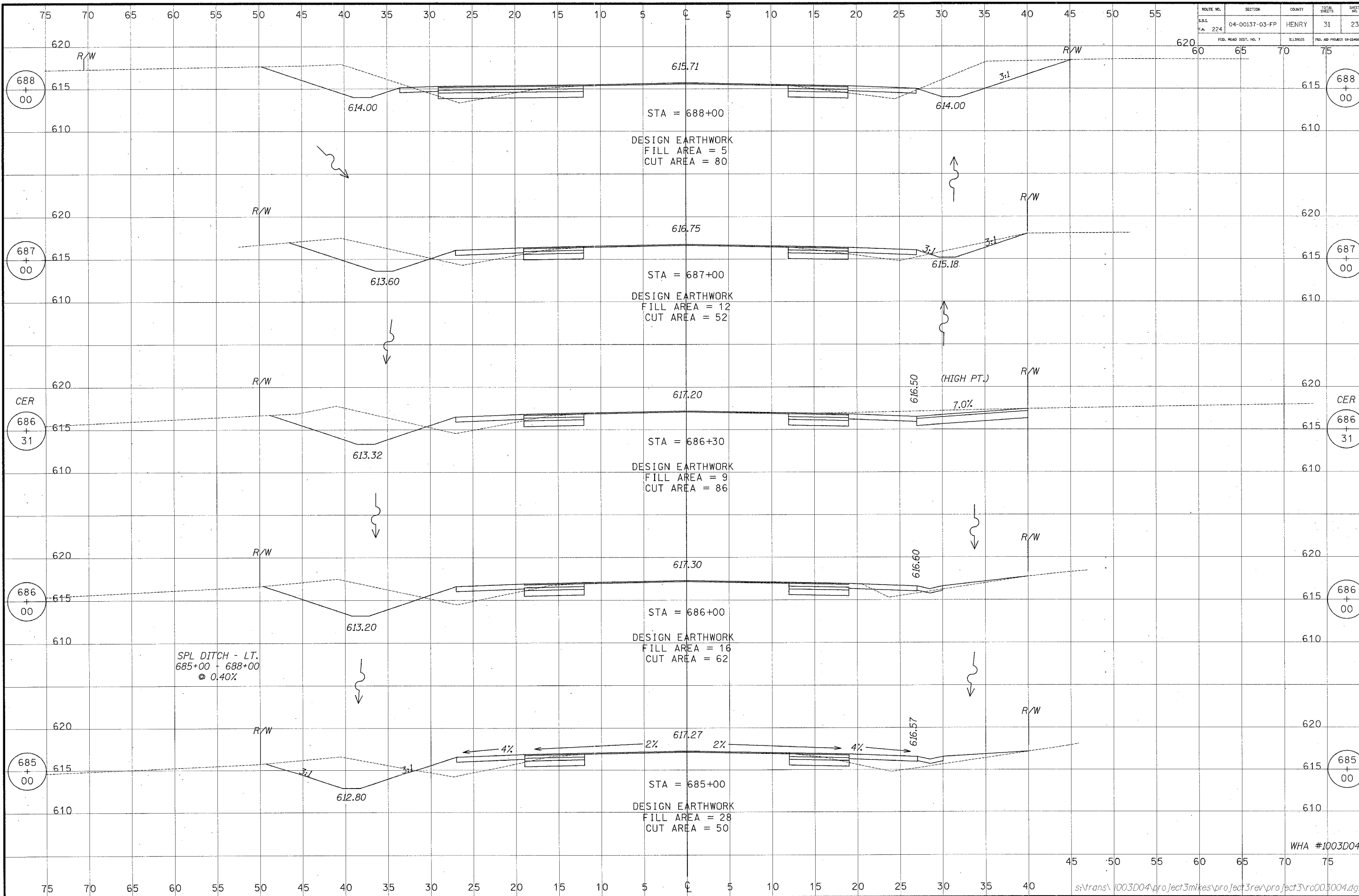
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.A.L. F.A. 224	04-00137-03-FP	HENRY	31	21
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 28-248377	





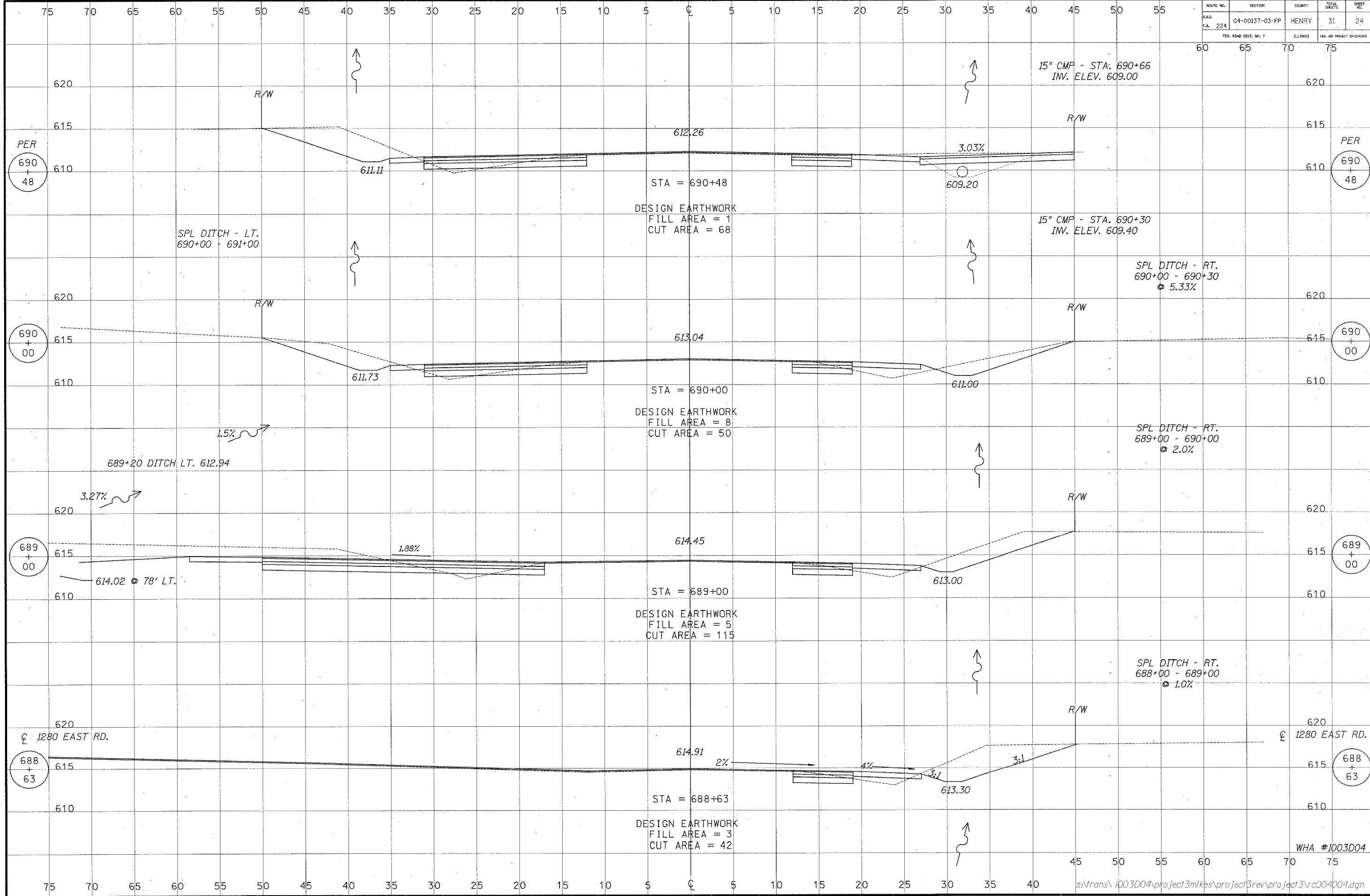
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.L. F.A. 224	04-00137-03-FP	HENRY	31	22
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 30-284077	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.L. 224	04-00137-03-FP	HENRY	31	23
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 58-246(07)	

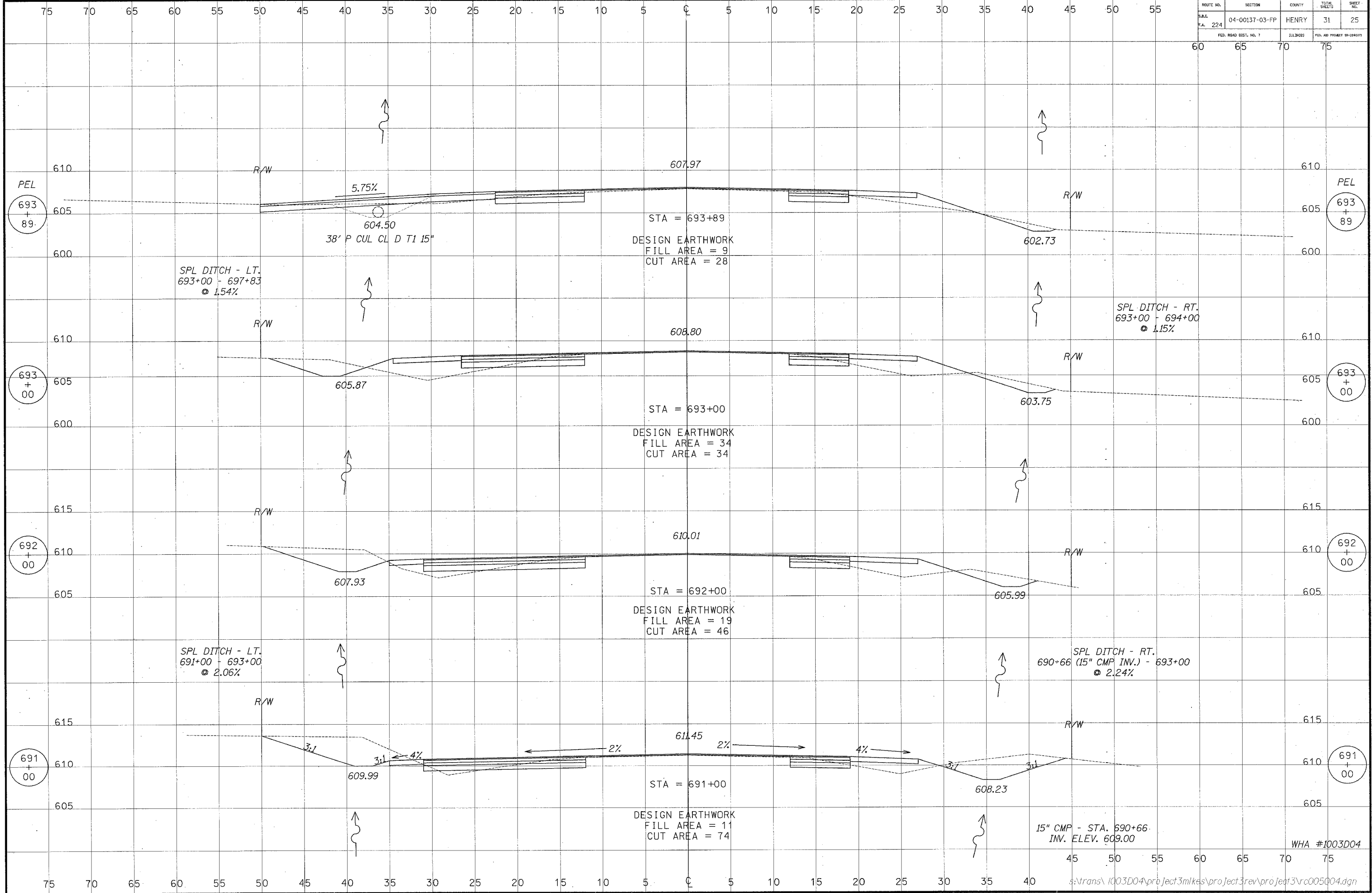


WHA #1003D04

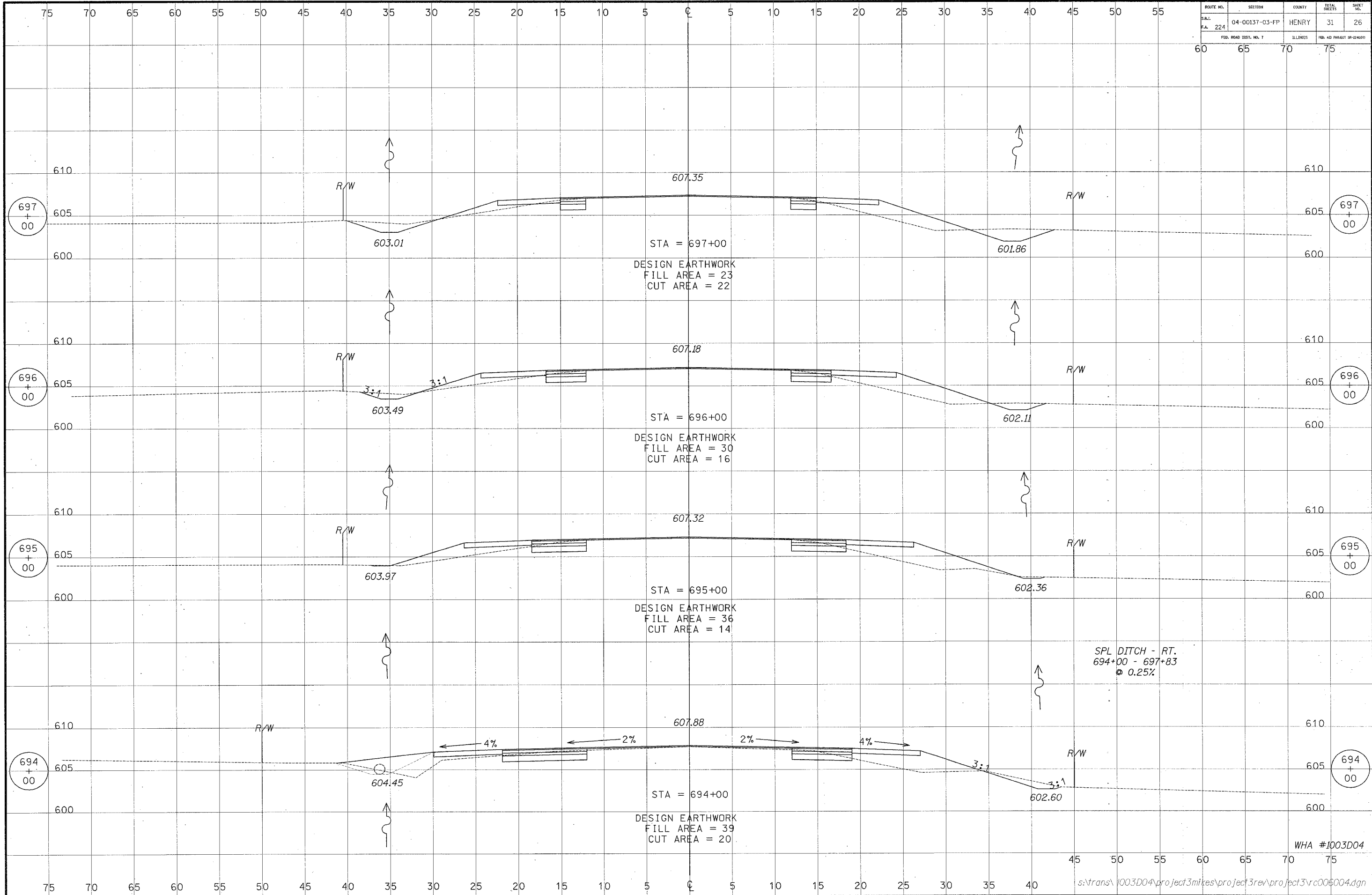
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.A. 224	04-00137-03-FP	HENRY	31	24
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 50-02-0020	



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
224	04-00137-03-FP	HENRY	31	25
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT #1-24077	

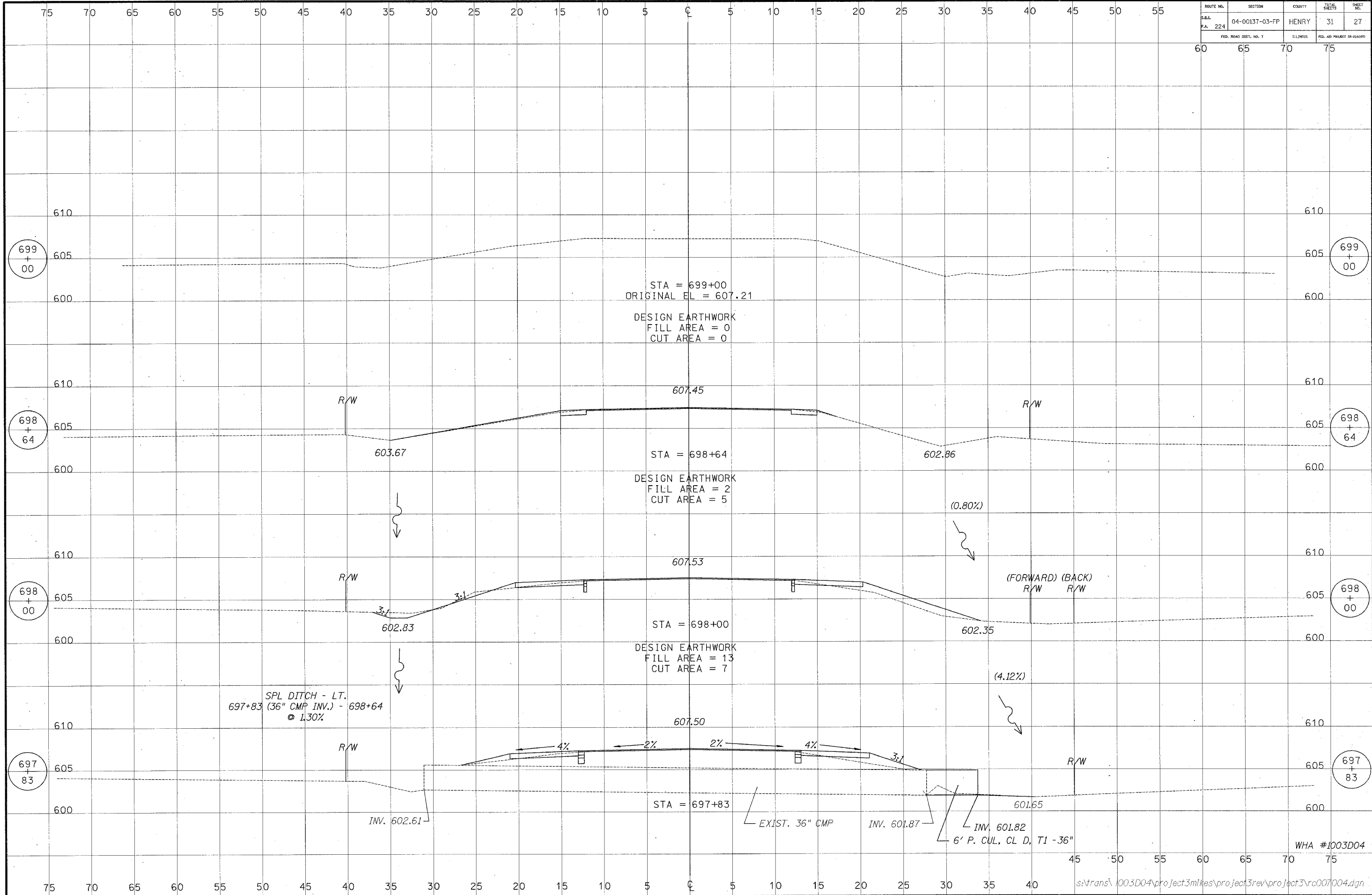


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.A.L. 224	04-00137-03-FP	HENRY	31	26
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 99-224(03)	

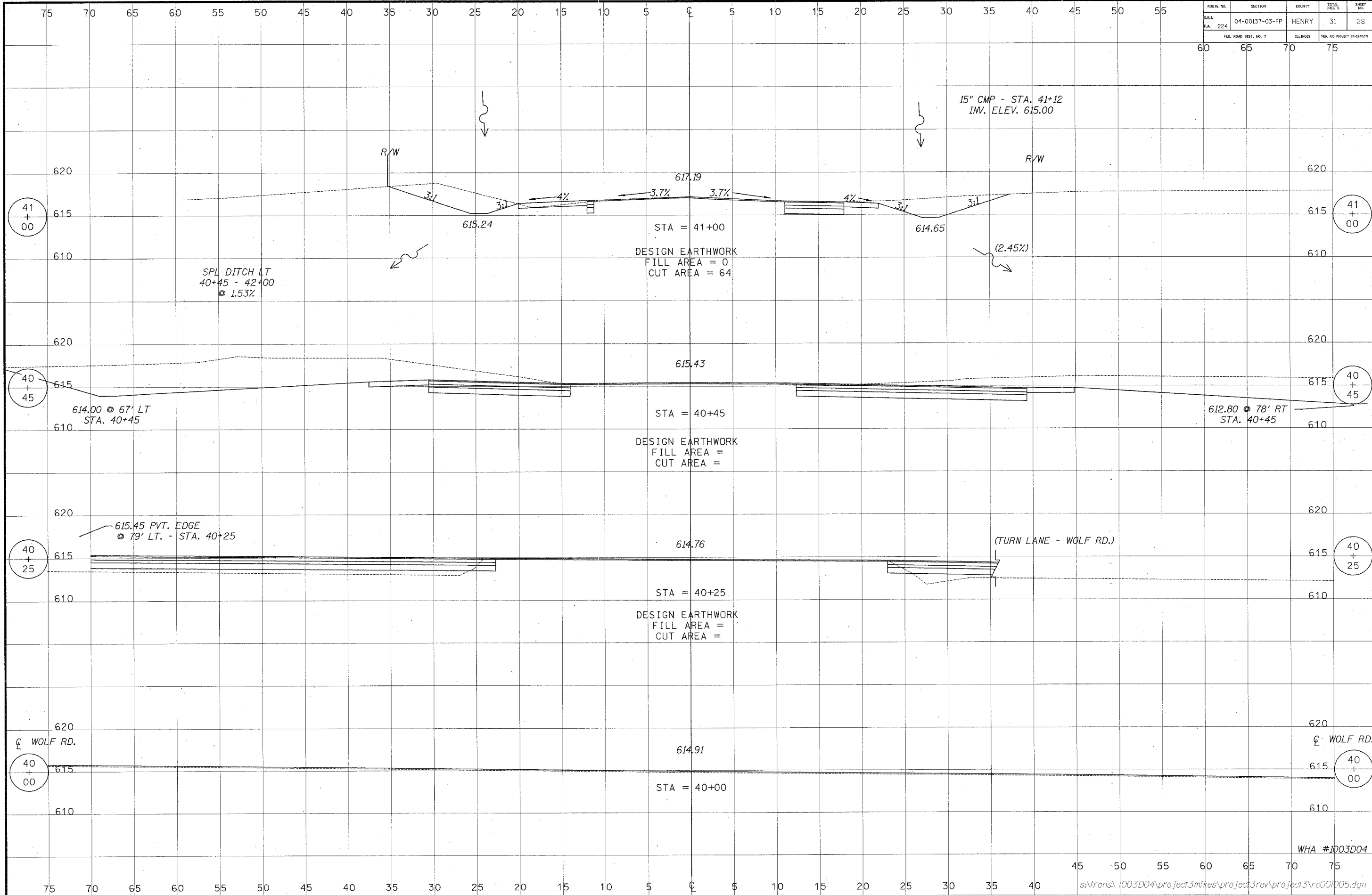


WHA #1003D04

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D.R.L. P.A. 224	04-00137-03-FP	HENRY	31	27
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT OR COUNTY	



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SUB. 224	04-00137-03-FP	HENRY	31	28
F.A. 224		FED. ROAD DIST. NO. 7		ILLINOIS
		FED. AID PROJECT ORIGINATOR		

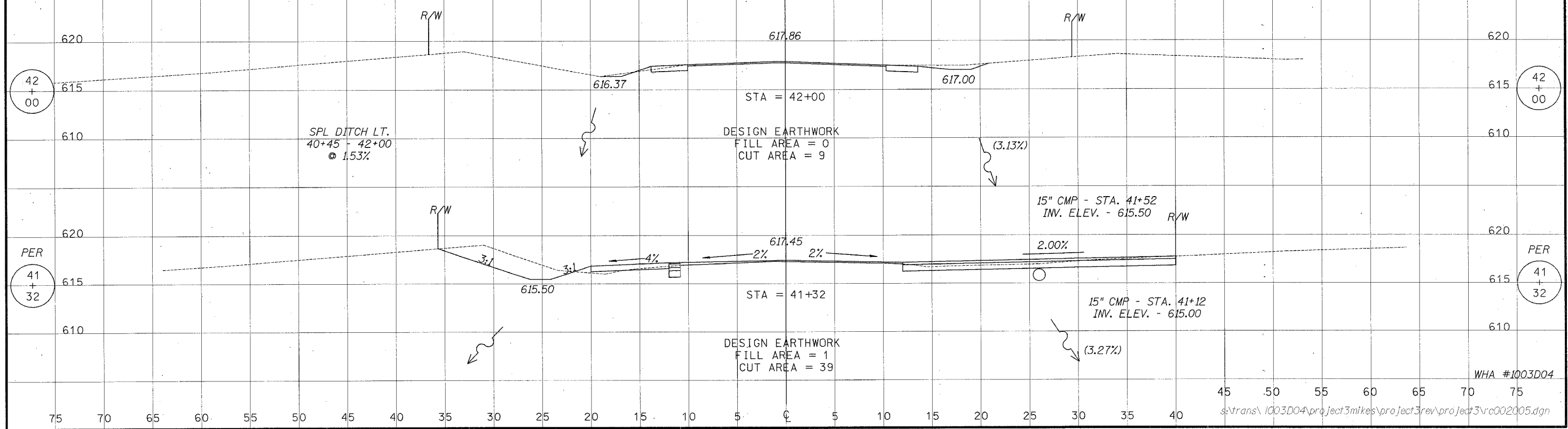


WHA #1003D04

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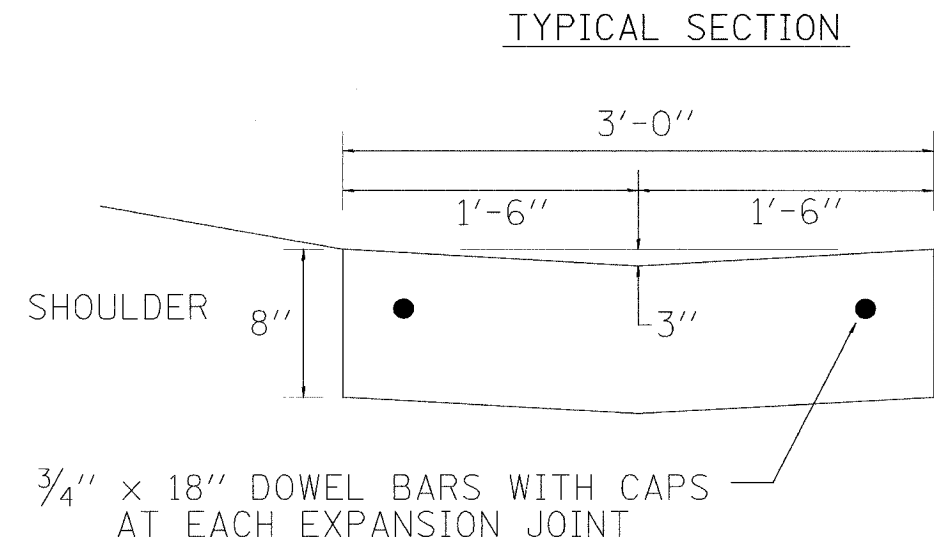
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
224	04-00137-03-FP	HENRY	31	29
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT 20-04007	

60 65 70 75



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.L. P.A. 224	04-0013T-03-FP	HENRY	31	30
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT SP-081107	

CONCRETE GUTTER TYPE A, (MODIFIED)



SEE IDOT STANDARD 606101
FOR DIMENSIONS OF GUTTER OUTLET
AND ENTRANCE TREATMENT.
ENTRANCES AND GUTTER OUTLET
TO BE PAID FOR AS
CLASS SI CONCRETE (OUTLET)

NOTE:

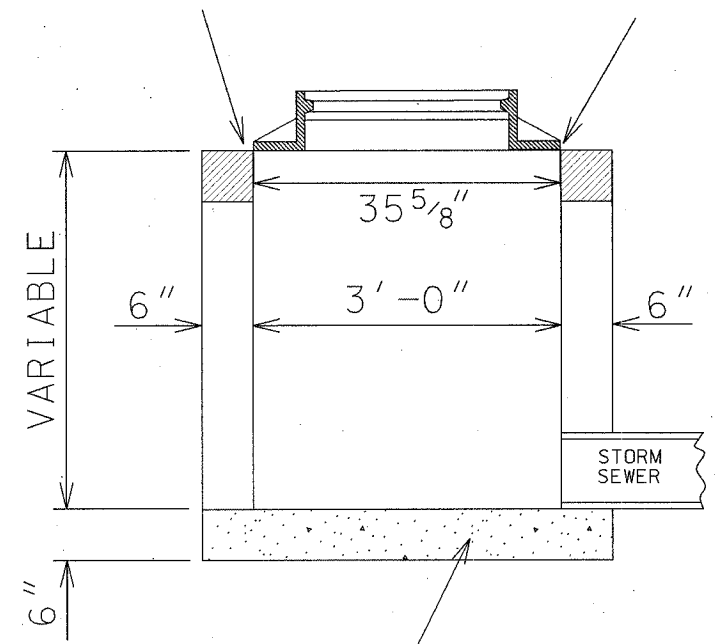
CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
CONCRETE GUTTER TYPE A, (MODIFIED) SHALL BE CONSTRUCTED
IN 100' SECTIONS WITH $\frac{3}{4}$ " PREMOLDED EXPANSION JOINTS,
AND 12' CONSTRUCTION JOINTS. THE DOWEL BARS SHALL BE
GREASED ON THE END ON WHICH THE CAP IS PLACED. THE
COST OF FURNISHING AND INSTALLING THE JOINTS
COMPLETE IN PLACE SHALL BE INCLUDED IN THE CONTRACT
UNIT PRICE PER FOOT FOR CONCRETE GUTTER
TYPE A, (MODIFIED)

WHA 1

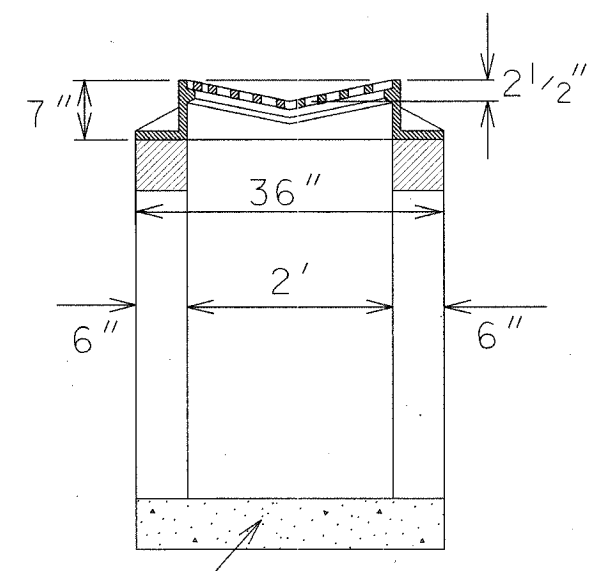
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P.B. 1: 224	04-00137-03-FP	HENRY	31	31
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT NO. 84-1107		

INLET SPECIAL WITH FRAME AND GRATE

FILL VOIDS WITH PAVING BRICK PRIOR TO CONSTRUCTING GUTTER

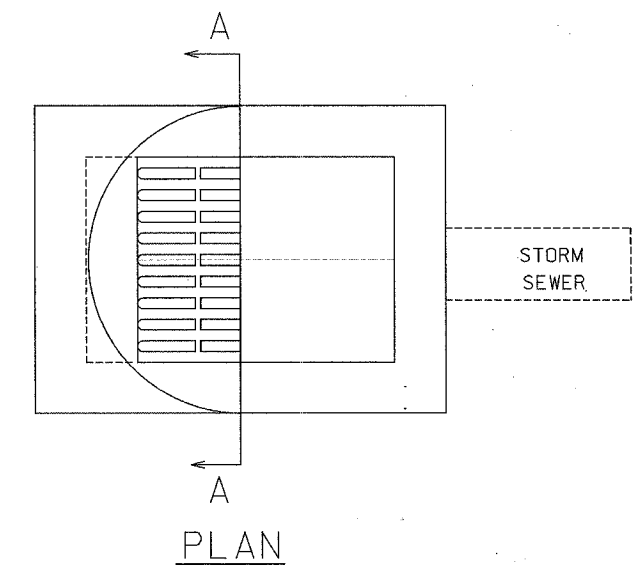


LONGITUDINAL SECTION



SECTION A-A

6" CLASS SI CONCRETE OR
4" PRECAST REINF. CONC.
SLAB ON 3" SAND CUSHION



PLAN

NOTES:

INLET SPECIAL WITH FRAME AND GRATE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL WITH FRAME AND GRATE SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE INLET WITH SAND CUSHION IF REQUIRED.
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.
THE SIDEWALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.
THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.
THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.
FRAME AND GRATE TO BE HEAVY DUTY
(NEENAH R-3513 W/TYPE C GRATE OR APPROVED EQUAL)