03-08-13 LETTING ITEM 102

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58 ~~7~~	1
		ILLINOIS	CONTRACT NO. 76D49	

*58+3=61

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 785 (IL 140)
SECTION 136-BR
PROJECT NHPP-0785(033)
STRUCTURE REPLACEMENT

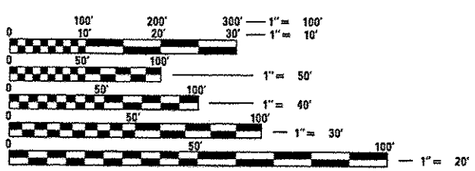
MADISON COUNTY

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES & COMMITMENTS
3–8	SOQ
9–11	TYPICALS
12–14	SCHEDULES
15	ALIGNMENT TIES, AND BENCHMARKS
16–18	PLAN AND PROFILE – MAINLINE
19–20	PLAN AND PROFILE – RUNAROUND
21	RUNAROUND ALIGNMENT INFORMATION
22–24	TRAFFIC CONTROL
25	EROSION CONTROL DETAILS
26	DRAINAGE SHEETS
27–28	DETAILS
29–33	PLAT OF HIGHWAYS
34–45	STRUCTURE PLANS
46–51	CROSS SECTIONS – MAINLINE
52–58	CROSS SECTIONS – RUNAROUND

STANDARDS

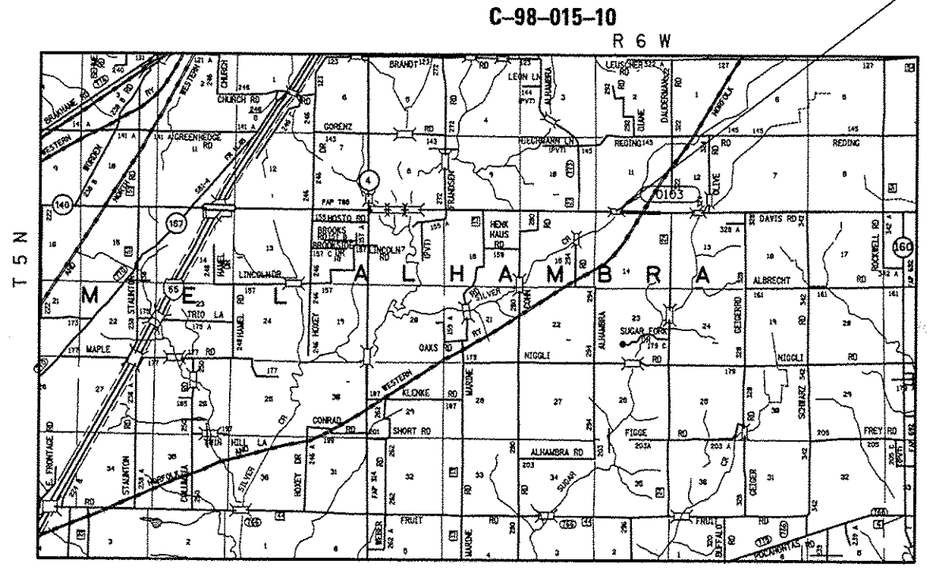
000001–06	635001–01	701006-04
001006	635006–03	701201-04
280001–07	635011–02	
406201–01	643001–01	
515001–03	664001–02	
542001–03	667101–02	
601001–04	666001–01	
606001–05	667101–02	
601101–01	701326–04	
606001–05	701801–05	
606006–02	701901–02	
630001–10	704001–07	
631011–09	720001–01	
631031–11	720011–01	
631046–04	781001–03	



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

C-98-015-10



LOCATION MAP

0 1 2 3 4 5 MILES

SCALE

PROJECT LOCATION
STATION 1143+49.38
SINGLE SPAN SLAB BRIDGE TO BE REPLACED W/A TRIPLE 10'X9' CONCRETE BOX CULVERT
SN 060-0103 (E); SN 060-2051 (P)
46'-3" OUT TO OUT HEADWALLS

D-98-017-10

LOCATION OF SECTION INDICATED THUS:-

MAINLINE DESIGN DESIGNATION–
380(33) MINOR ARTERIAL 3.20(FD20)

RUNAROUND DESIGN DESIGNATION–
311(18) MINOR ARTERIAL 3.20(BASE COURSE 5)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 14 20 12

DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Feb 1 20 13

John D. Baranzelli P.E. for
acting ENGINEER OF DESIGN AND ENVIRONMENT

Feb 1 20 13

Omer Osman P.E. for
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

GROSS LENGTH = 46.28 FT. = .008 MILE
NET LENGTH = 46.28 FT. = .008 MILE

LONGITUDE = 89.74160
LATITUDE = 38.88834

ADT: (2013) 3100 (2033) 3800 SU=3.1% MU=5.9%
DIRECTIONAL DISTRIBUTION: EB–50.9% WB–49.1%

PROJECT ENGINEER: PATTI LeBEAU 618–346–3179
PROJECT MANAGER: BILLIE OWEN 618–346–3186

CONTRACT NO. 76D49

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON- MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- •VILLAGE OF ALHAMBRA
- •AMEREN ILLINOIS
- •BUCKEYE PARTNERS L.P.
- •ALHAMBRA-GRANTFORK TELEPHONE COMPANY
- •MADISON TELEPHONE COMPANY

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY •. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

THE THICKNESS OF HOT-MIX ASPHALT SURFACE MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

THE WIDTHS OF HMA SURFACE REMOVAL SHOWN ON THE PLANS ARE THE NOMINAL WIDTHS. IRREGULARITIES IN THE SURFACE WIDTH MAY OCCUR THROUGHOUT THE LENGTH OF THE SECTION. HMA SURFACE REMOVAL WILL BE PAID FOR IN SQUARE YARDS BASED UPON THE NOMINAL WIDTHS INDICATED.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

ANY EXCAVATION OR DROP-OFF OF MORE THAN 3" AT THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.

THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE RESIDENT ENGINEER.

IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE. AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.

COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION/ INTELLIGENT TRANSPORTATION SYSTEM FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES.

THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR I.T.S. UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 803.04 OF THE STANDARD SPECIFICATIONS. IF "LOCATING UNDERGROUND CABLE" IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

OVERNIGHT DROP-OFFS WILL NOT BE PERMITTED NEXT TO AN OPEN LANE OF TRAFFIC.

THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL LOCATIONS AT ALL TIMES. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, REGRADING, PLUGGING ABANDONED PIPES, OR OTHER ACTIVITIES REQUIRED BY THE RESIDENT ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.

ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES UNLESS OTHERWISE NOTED IN THE PLANS.

THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

ALL ELEVATIONS REFER TO THE USGS MEAN SEA LEVEL DATUM.

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE BINDER COURSE AND FINAL SURFACE.

AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS ONCE THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS.

THE AREA IN WHICH THE RUNAROUND IS LOCATED WILL BE GRADED TO MATCH ITS CONDITION PRIOR TO CONSTRUCTION.

THE RIGHT OF WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT OF WAY BOUNDARY. THE RIGHT OF WAY MARKER SHALL BE A WITNESS TO THE RIGHT OF WAY CORNER, WHICH IS THE PROPERTY PIN. THE RIGHT OF WAY CORNER OR PROPERTY PIN IS A 5/8" IRON ROD WITH IDOT ALUMINUM CAP THAT SHALL NOT BE REMOVED, DAMAGED, OR DISTURBED WHEN SETTING THE RIGHT OF WAY MARKER AT THE TWELVE INCH (12") OFFSET.

A QUANTITY OF 267 CUBIC YARDS OF CHANNEL EXCAVATION HAS BEEN INCLUDED IN THE PLANS FOR THE INSTALLATION OF THE 72" DIAMETER TEMPORARY PIPE CULVERTS.

COMMITMENTS

IDOT HAS MADE THE FOLLOWING COMMITMENTS TO MATTHEW AND JANE DUFFIN ON PARCEL #8118022 AND #8118022TE:

1. CONSTRUCTION CREWS WILL NOT BE ALLOWED TO PARK ON OR IN MR. AND MRS. DUFFIN'S DRIVEWAY OR THE PROPERTY OWNER'S RESIDUAL PROPERTY OUTSIDE OF THE TEMPORARY EASEMENT AREA DURING CONSTRUCTION AT ANY TIME.
2. THE PROPERTY OWNER WILL HAVE THEIR OWN TEMPORARY TRAFFIC SIGNALS TO INSURE INGRESS AND EGRESS TO/FROM THEIR DRIVEWAY WHILE THE RUNAROUND IS IN PLACE.
3. UNLESS OTHERWISE AGREED IN WRITING, IMMEDIATELLY AFTER THE CONTRACTOR COMPLETES ALL OF THE REQUIRED CONSTRUCTION ACTIVITIES WITHIN THE TEMPORARY EASEMENT AREA ACQUIRED, THE CONTRACTOR WILL RESTORE THE PROPERTY TO THE SAME OR BETTER CONDITION PRIOR TO CONSTRUCTION AND WILL REMOVE ALL OF ITS EQUIPMENT, TOOLS, TRASH AND DEBRIS FROM THE PROPERTY.

IDOT HAS MADE THE FOLLOWING COMMITMENT TO THE PARK FOR PARCEL #8118023TE, #8118023TE, AND #8118024TE:

1. UNLESS OTHERWISE AGREED IN WRITING, IMMEDIATELLY AFTER THE CONTRACTOR COMPLETES ALL OF THE REQUIRED CONSTRUCTION ACTIVITIES WITHIN THE TEMPORARY EASEMENT AREA ACQUIRED, THE CONTRACTOR WILL RESTORE THE PROPERTY TO THE SAME OR BETTER CONDITION PRIOR TO CONSTRUCTION AND WILL REMOVE ALL OF ITS EQUIPMENT, TOOLS, TRASH AND DEBRIS FROM THE PROPERTY.

MIX CHART

MIXTURE USE	SURFACE	BINDER	TEMP RUNAROUND	SHOULDERS > 2.25"	SHOULDERS < 2.25"
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	See Contract RAP Special Provision	See Contract RAP Special Provision
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70		
MIX COMPOSITION				**2.0% @ Ndes=30	**2.0% @ Ndes=30
(GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 19.0	NMAS 3/4"	NMAS 1/2"
FRICTION AGG	MIXTURE "C"	MIXTURE "B"	MIXTURE "B"		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	SN 060-2051 0011 20% STATE 80% FEDERAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	30	30
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	54	54
20101700	SUPPLEMENTAL WATERING	UNIT	56	56
20200100	EARTH EXCAVATION	CU YD	650	650
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	168	168
20300100	CHANNEL EXCAVATION	CU YD	267	267
20400800	FURNISHED EXCAVATION	CU YD	90	90
20800150	TRENCH BACKFILL	CU YD	207.3	207.3
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18	18
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18	18
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	18	18
* 25100115	MULCH, METHOD 2	ACRE	2	2
* 25100630	EROSION CONTROL BLANKET	SQ YD	261	261
* 25200100	SODDING	SQ YD	1425	1425

*SPECIALTY ITEM

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -
	PLOT DATE = *DATE*	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. 1 OF 7 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	3

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	SN 060-2051 0011 20% STATE 80% FEDERAL		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	296	296		
28000305	TEMPORARY DITCH CHECKS	FOOT	89	89		
28000400	PERIMETER EROSION BARRIER	FOOT	201	201		
28000500	INLET AND PIPE PROTECTION	EACH	12	12		
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	89	89		
28100107	STONE RIPRAP, CLASS A4	SQ YD	28	28		
28100109	STONE RIPRAP, CLASS A5	SQ YD	453.2	453.2		
28200200	FILTER FABRIC	SQ YD	453.2	453.2		
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1532	1532		
35101400	AGGREGATE BASE COURSE, TYPE B	TON	85	85		
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	1101	1101		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	109	109		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.5	0.5		
40600300	AGGREGATE (PRIME COAT)	TON	2.1	2.1		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	20	20		

15

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	SN 060-2051 0011 20% STATE 80% FEDERAL		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	102	102		
40701961	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"	SQ YD	321	321		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	19	19		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2158	2158		
44000100	PAVEMENT REMOVAL	SQ YD	1375	1375		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	244	244		
44000600	SIDEWALK REMOVAL	SQ FT	1702	1702		
44004250	PAVED SHOULDER REMOVAL	SQ YD	625	625		
48100100	AGGREGATE SHOULDERS, TYPE A	TON	62	62		
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	500	500		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	693	693		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1		
50105220	PIPE CULVERT REMOVAL	FOOT	88	88		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	7.8	7.8		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	SN 060-2051 0011 20% STATE 80% FEDERAL		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	38140	38140		
50901750	PARAPET RAILING	FOOT	69	69		
51500100	NAME PLATES	EACH	1	1		
54003000	CONCRETE BOX CULVERTS	CU YD	238.2	238.2		
54213459	END SECTIONS 24"	EACH	4	4		
54213507	END SECTIONS 72"	EACH	6	6		
5421D012	PIPE CULVERTS, CLASS D, TYPE 1 12" (TEMPORARY)	FOOT	10	10		
5421D024	PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)	FOOT	92	92		
5422D072	PIPE CULVERTS, CLASS D, TYPE 2 72" (TEMPORARY)	FOOT	141	141		
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	53	53		
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	106	106		
60100945	PIPE DRAINS 12"	FOOT	36	36		
60405900	GRATES AND COVERS, TYPE 2B	EACH	3	3		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	SN 060-2051 0011 20% STATE 80% FEDERAL		
	60600605	CONCRETE CURB, TYPE B	FOOT	34	34		
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	244	244		
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	388	388		
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3		
*	63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	1	1		
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1		
*	63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2		
	63200310	GUARDRAIL REMOVAL	FOOT	262.5	262.5		
	63500105	DELINEATORS	EACH	4	4		
	64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	12	12		
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9		
	67100100	MOBILIZATION	L SUM	1	1		
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		

*SPECIALTY ITEM

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			785	136-BR	MADISON	58	7
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -					CONTRACT NO. 76D49		
	PLOT DATE = #DATE#	DATE -	REVISED -		SCALE: 1:1 SHEET NO. 5 OF 7 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	SN 060-2051 0011 20% STATE 80% FEDERAL		
~~70100500~~	~~TRAFFIC CONTROL AND PROTECTION, STANDARD 701326~~	~~L SUM~~	~~1~~	~~1~~		
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	56	56		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2397	2397		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	623	623		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	138	138		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	70	70		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	19	19		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	450	450		
70500200	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	175	175		
70500625	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1530	1530		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	44	44		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	22	22		
* 78200200	BIDIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	8	8		

*SPECIALTY ITEM

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			785	136-BR	MADISON	58	8
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -					CONTRACT NO. 76D49		
	PLOT DATE = $DATE$	DATE -	REVISED -		SCALE: 1:1 SHEET NO. 6 OF 7 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	SN 060-2051 0011 20% STATE 80% FEDERAL		
~~78200200~~	~~BIDIRECTIONAL PRISMATIC BARRIER REFLECTOR~~	~~EACH~~	~~8~~	~~8~~		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	23	23		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	355	355		
* A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5		
* X0324840	DISKING	ACRE	0.3	0.3		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1210	1210		
X6640200	TEMPORARY CHAIN LINK FENCE	FOOT	62	62		
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	10	10		
X6660445	RIGHT OF WAY AND PROPERTY CORNERS	EACH	10	10		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
Z0054517	ROCK FILL - FOUNDATION	TON	72	72		

*SPECIALTY ITEM

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -
	PLOT DATE = *DATE*	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

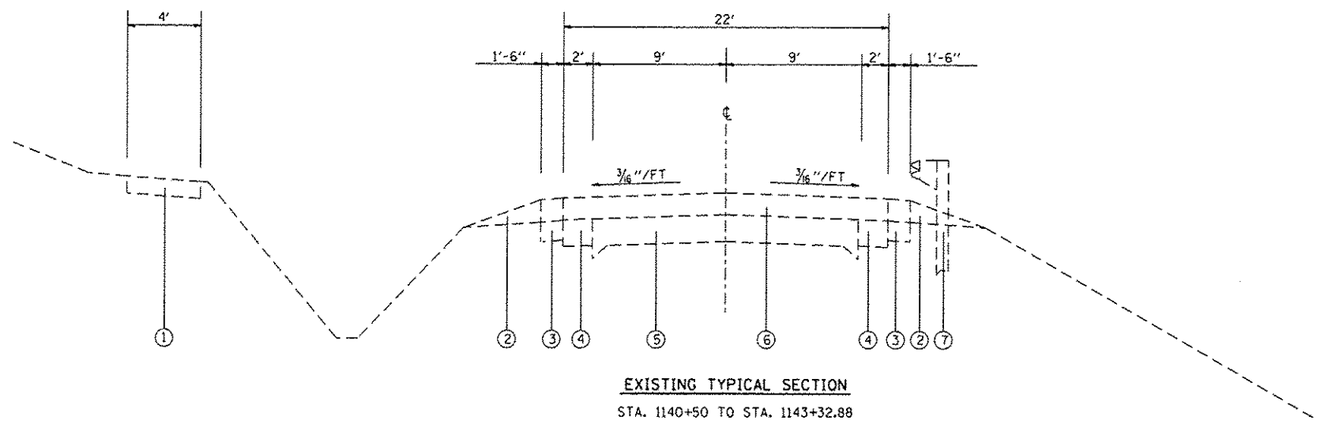
SUMMARY OF QUANTITIES

SCALE: 11 | SHEET NO. 7 OF 7 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	8A

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT



EXISTING TYPICAL SECTION

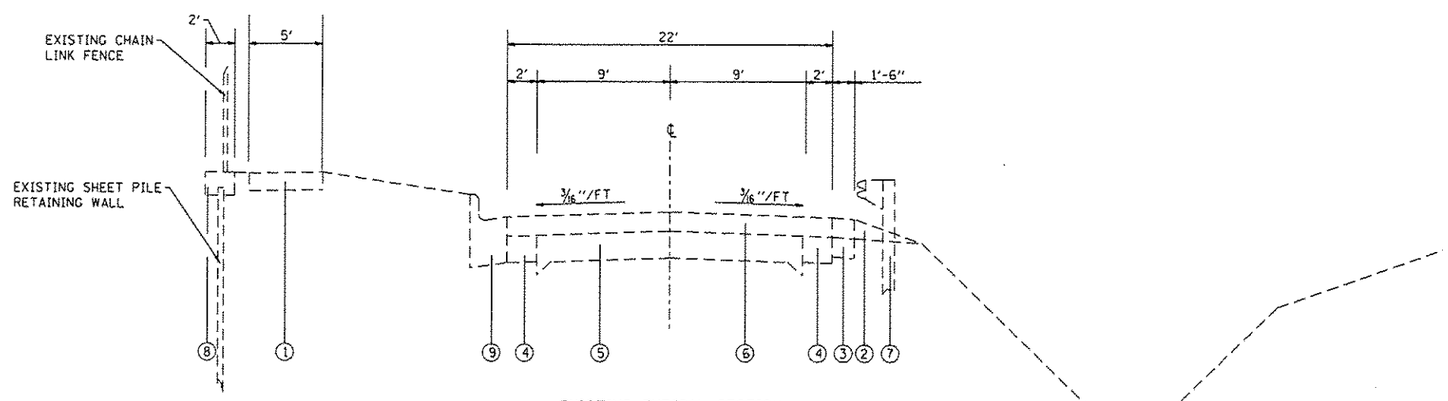
STA. 1140+50 TO STA. 1143+32.88

LEGEND

1. EXISTING SIDEWALK - 4"
2. EXISTING AGGREGATE WEDGE
3. EXISTING BITUMINOUS SHOULDER - 8"
4. EXISTING PCC WIDENING - 6"
5. EXISTING PAVEMENT - 9-6-9
6. EXISTING RESURFACING - 7"
7. EXISTING SPBGR
8. EXISTING RETAINING WALL CONCRETE CAP
9. EXISTING CCC&G, TY B6.24
10. PROPOSED PCC SIDEWALK - 4"
11. PROPOSED HMA SHOULDER - 8"
12. PROPOSED HMA SURFACE COURSE, MIX "D", N70 - 1 1/2"
13. PROPOSED SPBGR, TY B
14. PROPOSED AGGREGATE SHOULDER, TYPE A - 6"
15. PROPOSED CCC&G, TY B6.24
16. PROPOSED PARAPET RAILING
17. PROPOSED FULL DEPTH HMA PAVEMENT - 14"
18. PROPOSED CONCRETE BOX CULVERT - 12"
19. PROPOSED SUBBASE GRANULAR MATERIAL, TY B - MIN. 12" AND VARIES
20. PROPOSED TEMPORARY CONCRETE BARRIER
21. PROPOSED HMA SHOULDER - 6"
22. ~~PROPOSED EARTH FILL - VARIES~~
23. PROPOSED HMA BASE COURSE - 10"
24. PROPOSED TEMPORARY SPBGR, TY B
25. PROPOSED TEMPORARY PAVEMENT MARKING LINE - 4"
26. PROPOSED HMA BINDER COURSE, MIX "B", N70 - 2"
27. PROPOSED COMCRETE CURB TYPE B
28. PROPOSED HMA BINDER COURSE, MIX "B", N70 - 12 1/2"

* SEE CROSS SECTIONS FOR SIDESLOPES

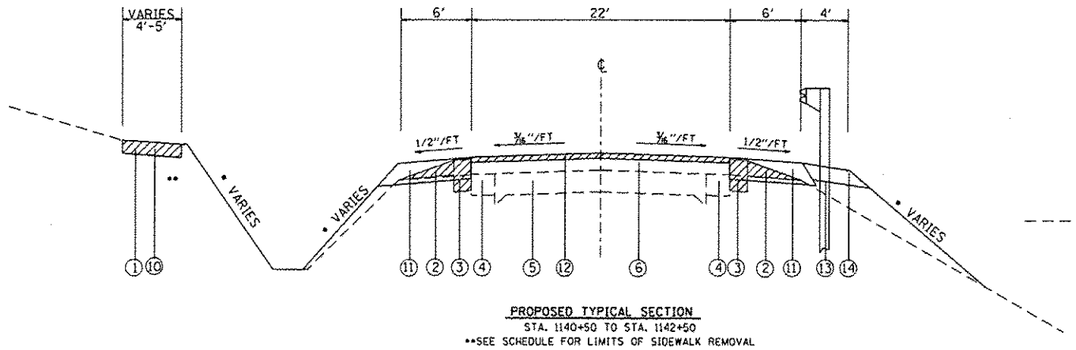
- PROPOSED REMOVAL (MILLING IS VARIABLE DEPTH FROM 1 1/2" TO 3 1/2")



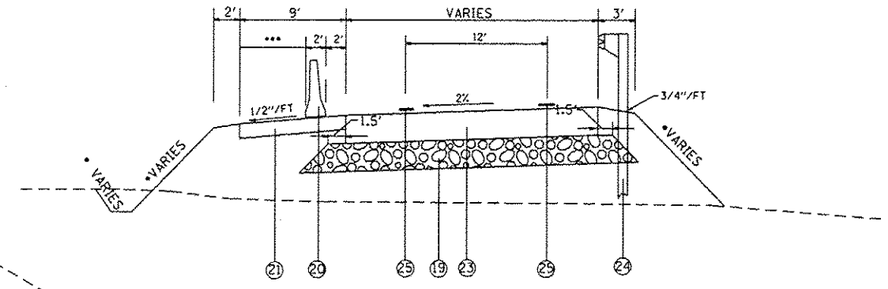
EXISTING TYPICAL SECTION

STA. 1143+65.88 TO STA. 1146+10

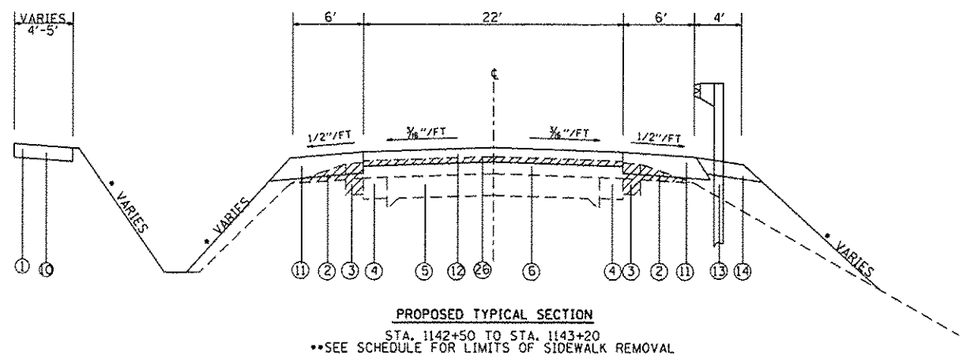
FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			785	136-BR	MADISON	58	9
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -					CONTRACT NO. 76D49		
	PLOT DATE = *DATE*	DATE -	REVISED -		SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



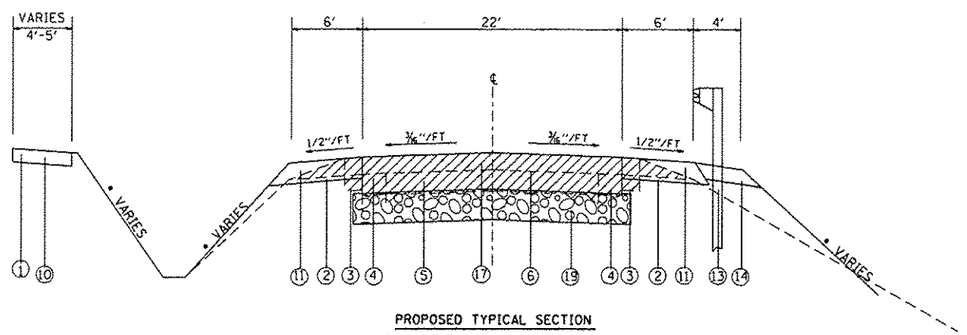
PROPOSED TYPICAL SECTION
STA. 1140+50 TO STA. 1142+50
••SEE SCHEDULE FOR LIMITS OF SIDEWALK REMOVAL



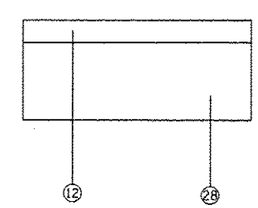
RUNAROUND TYPICAL
•••PEDESTRIAN ACCOMMODATION



PROPOSED TYPICAL SECTION
STA. 1142+50 TO STA. 1143+20
••SEE SCHEDULE FOR LIMITS OF SIDEWALK REMOVAL



PROPOSED TYPICAL SECTION
STA. 1143+20 TO STA. 1143+29.88
••SEE SCHEDULE FOR LIMITS OF SIDEWALK REMOVAL



PROPOSED FULL DEPTH PAVEMENT

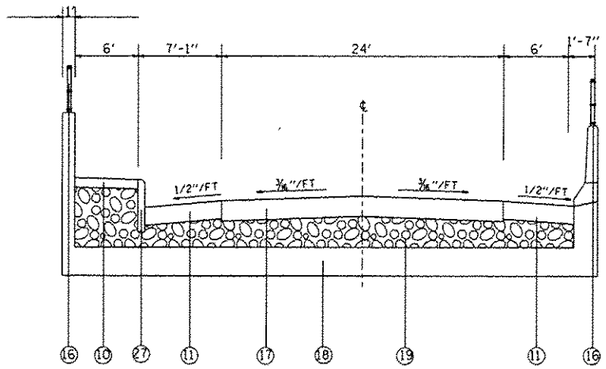
LEGEND

1. EXISTING SIDEWALK - 4"
2. EXISTING AGGREGATE WEDGE
3. EXISTING BITUMINOUS SHOULDER - 8"
4. EXISTING PCC WIDENING - 6"
5. EXISTING PAVEMENT - 9-6-9
6. EXISTING RESURFACING - 7"
7. EXISTING SPBGR
8. EXISTING RETAINING WALL CONCRETE CAP
9. EXISTING CCC&G, TY B6.24
10. PROPOSED PCC SIDEWALK - 4"
11. PROPOSED HMA SHOULDER - 8"
12. PROPOSED HMA SURFACE COURSE, MIX "D", N70 - 1 1/2"
13. PROPOSED SPBGR, TY B
14. PROPOSED AGGREGATE SHOULDER, TYPE A - 6"
15. PROPOSED CCC&G, TY B6.24
16. PROPOSED PARAPET RAILING
17. PROPOSED FULL DEPTH HMA PAVEMENT - 14"
18. PROPOSED CONCRETE BOX CULVERT - 12"
19. PROPOSED SUBBASE GRANULAR MATERIAL, TY B - MIN. 12" AND VARIES
20. PROPOSED TEMPORARY CONCRETE BARRIER
21. PROPOSED HMA SHOULDER - 6"
22. ~~PROPOSED EARTH FILL - VARIES~~
23. PROPOSED HMA BASE COURSE - 10"
24. PROPOSED TEMPORARY SPBGR, TY B
25. PROPOSED TEMPORARY PAVEMENT MARKING LINE - 4"
26. PROPOSED HMA BINDER COURSE, MIX "B", N70 - 2"
27. PROPOSED COMCRETE CURB TYPE B
28. PROPOSED HMA BINDER COURSE, MIX "B", N70 - 12 1/2"

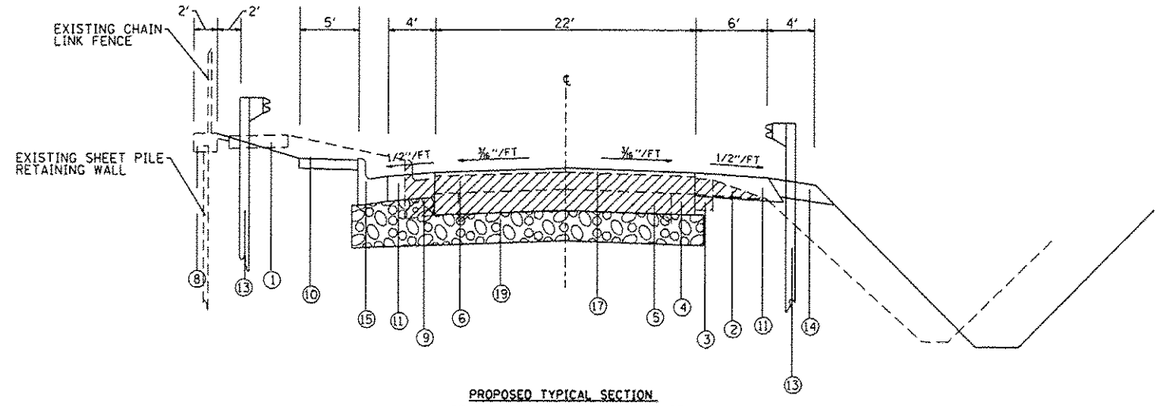
• SEE CROSS SECTIONS FOR SIDESLOPES

- PROPOSED REMOVAL (MILLING IS VARIABLE DEPTH FROM 1 1/2" TO 3 1/2")

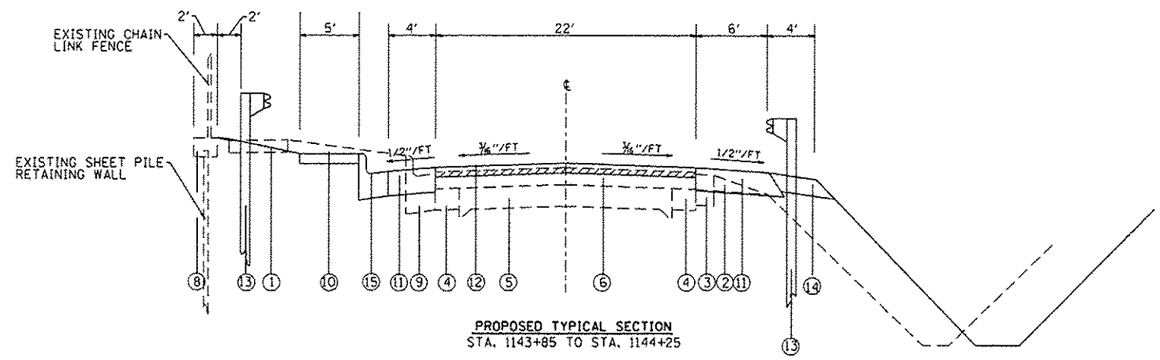
FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			785	136-BR	MADISON	58	10
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -					CONTRACT NO. 76D49		
	PLOT DATE = *DATE*	DATE -	REVISED -		SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



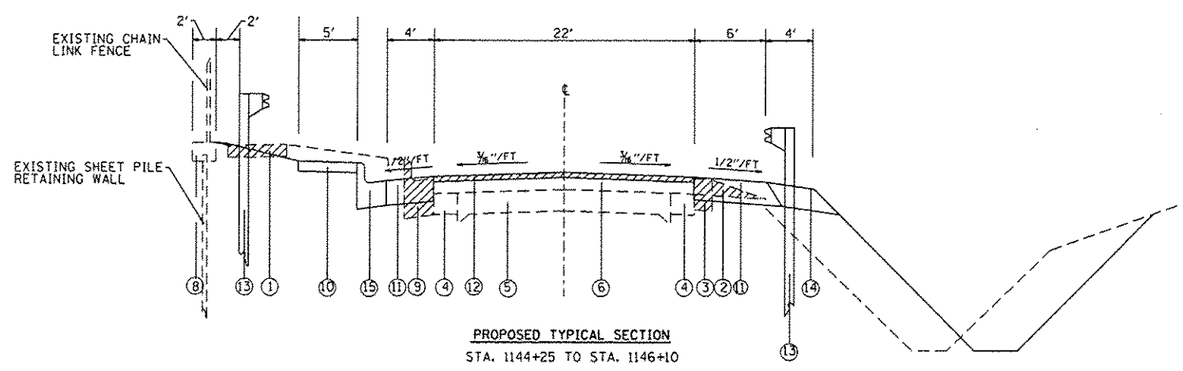
PROPOSED TYPICAL SECTION
STA. 1143+29.88 TO STA. 1143+65.88



PROPOSED TYPICAL SECTION
STA. 1143+65.88 TO STA. 1143+85



PROPOSED TYPICAL SECTION
STA. 1143+85 TO STA. 1144+25



PROPOSED TYPICAL SECTION
STA. 1144+25 TO STA. 1146+10

LEGEND

1. EXISTING SIDEWALK - 4"
2. EXISTING AGGREGATE WEDGE
3. EXISTING BITUMINOUS SHOULDER - 8"
4. EXISTING PCC WIDENING - 6"
5. EXISTING PAVEMENT - 9-6-9
6. EXISTING RESURFACING - 7"
7. EXISTING SPBGR
8. EXISTING RETAINING WALL CONCRETE CAP
9. EXISTING CCC&G, TY B6.24
10. PROPOSED PCC SIDEWALK - 4"
11. PROPOSED HMA SHOULDER - 8"
12. PROPOSED HMA SURFACE COURSE, MIX "D", N70 - 1 1/2"
13. PROPOSED SPBGR, TY B
14. PROPOSED AGGREGATE SHOULDER, TYPE A - 6"
15. PROPOSED CCC&G, TY B6.24
16. PROPOSED PARAPET RAILING
17. PROPOSED FULL DEPTH HMA PAVEMENT - 14"
18. PROPOSED CONCRETE BOX CULVERT - 12"
19. PROPOSED SUBBASE GRANULAR MATERIAL, TY B - MIN. 12" AND VARIES
20. PROPOSED TEMPORARY CONCRETE BARRIER
21. PROPOSED HMA SHOULDER - 6"
22. ~~PROPOSED EARTH FILL - VARIES~~
23. PROPOSED HMA BASE COURSE - 10"
24. PROPOSED TEMPORARY SPBGR, TY B
25. PROPOSED TEMPORARY PAVEMENT MARKING LINE - 4"
26. PROPOSED HMA BINDER COURSE, MIX "B", N70 - 2"
27. PROPOSED COMCRETE CURB TYPE B
28. PROPOSED HMA BINDER COURSE, MIX "B", N70 - 12 1/2"

- SEE CROSS SECTIONS FOR SIDESLOPES

- PROPOSED REMOVAL (MILLING IS VARIABLE DEPTH FROM 1 1/2" TO 3 1/2")

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			785	136-BR	MADISON	58	11
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -					CONTRACT NO. 76049		
	PLOT DATE = #DATE#	DATE -	REVISED -		SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MAINLINE PAVING SCHEDULE

STATION			BIT. MAT'LS PRIME COAT TON	AGGR. PRIME COAT TON	HMA SURF. COURSE MIX "D", N70 TON	HMA BINDER COURSE IL-19.0, N70 TON	HMA PAVEMENT (FD), 14" SQ YDS	AGGREGATE SHOULDERS TYPE, A TON	SUBBASE GRANULAR MAT'L TY B TON	HMA SHLDERS-8" SQ YDS	HMA SURFACE REM. - VARIES DEPTH SQ YDS	PAVEMENT REMOVAL SQ YDS	PAVED SHOULDER REMOVAL SQ YDS
1140+50.00	TO	1142+85.00	0.18	0.86	48.3	0.0	0.0	24.4	0.0	313.3	574.4	0.0	52.2
1142+85.00	TO	1143+20.00	0.03	0.13	7.2	9.6	0.0	3.6	0.0	46.7	85.6	0.0	7.8
1143+20.00	TO	1143+85.00	0.05	0.24	0.0	0.0	320.3	10.3	595.8	82.2	0.0	158.9	14.4
1143+85.00	TO	1144+20.00	0.03	0.13	7.2	9.6	0.0	3.6	0.0	38.9	85.6	0.0	7.8
1144+20.00	TO	1146+10.00	0.15	0.70	39.0	0.0	0.0	19.7	0.0	211.1	464.4	0.0	42.2
SUBTOTAL			0.43	2.05	101.6	19.2	320.3	61.6	595.8	692.2	1210.0	158.9	124.4
TOTAL			0.5	2.1	102	20	321	62	596	693	1210	159	125

GUARDRAIL SCHEDULE

STATION			LT/RT	SPBGR TY A, 6' POSTS FT	TBT TY 10 EACH	TBT TY 6 EACH	TBT TY 1(SPECIAL) FLARED EACH	TBT TY 1(SPECIAL) TANGENT EACH	TEMPORARY TBT TY 2 EACH	TEMPORARY SPBGR TY B, 6' POSTS FT	GUARDRAIL MKRS, TY A EACH	TERMINAL MKR - DA EACH	BIDIRECTIONAL PRISMATIC BARRIER REFLECTOR EACH
MAINLINE													
1143+06.50	TO	1143+24.33	LT	37.5	0	0	0	0	0	0.0	3	0	0
1143+24.33	TO	1143+32.88	LT	0.0	1	0	0	0	0	0.0	1	0	0
1143+32.88	TO	1143+65.88	LT	0.0	0	0	0	0	0	0.0	0	0	4
1143+65.88	TO	1144+16.96	LT	0.0	0	1	0	0	0	0.0	1	0	0
1144+16.96	TO	1146+00.00	LT	183.0	0	0	0	0	0	0.0	4	0	0
1141+31.30	TO	1141+81.30	RT	0.0	0	0	1	0	0	0.0	1	1	0
1141+81.30	TO	1142+81.80	RT	100.5	0	0	0	0	0	0.0	2	0	0
1142+81.80	TO	1143+32.88	RT	0.0	0	1	0	0	0	0.0	1	0	0
1143+32.88	TO	1143+65.88	RT	0.0	0	0	0	0	0	0.0	0	0	4
1143+65.88	TO	1144+16.96	RT	0.0	0	1	0	0	0	0.0	1	0	0
1144+16.96	TO	1144+66.96	RT	50.0	0	0	0	0	0	0.0	2	0	0
1144+66.96	TO	1145+16.96	RT	0.0	0	0	1	0	0	0.0	1	1	0
1146+00.00	TO	1146+17.00	LT	17.0	0	0	0	1	0	0.0	1	0	0
1146+17.00	TO	1146+67.00	LT	0.0	0	0	0	0	0	0.0	1	1	0
RUNAROUND													
1+55.00	TO	1+67.50	RT	0.0	0	0	0	0	1	0.0	1	0	0
1+67.50	TO	3+42.50	RT	0.0	0	0	0	0	0	175.0	2	0	0
3+42.50	TO	3+55.00	RT	0.0	0	0	0	0	1	0.0	1	0	0
TOTAL				388.0	1.0	3.0	2.0	1.0	2	175	23	3	8

AGGREGATE FOR TEMPORARY ACCESS

STATIONING	LOCATION	AGGREGATE FOR TEMP. ACCESS TON
1142+31.75	TEMPORARY SIDEWALK	0.5
1143+01.26	PRIVATE ENTRANCE	22
1145+13.50	TEMPORARY SIDEWALK	0.5
1145+13.50	SIDEROAD	86
	TOTAL	109

PERIMETER EROSION BARRIER SCHEDULE

STATION	LT/RT	PERIMETER EROSION BARRIER FT
2+30.50	LT	55.0
2+62.50	LT	65.5
2+40.00	RT	40.0
2+62.00	RT	40.0
SUB-TOTAL		200.5
ROUNDED TOTAL		201

GUARDRAIL REMOVAL SCHEDULE

STATION			LT/RT	GUARDRAIL REMOVAL FT
MAINLINE				
1141+72.00	TO	1141+97.00	RT	25.0
1141+97.00	TO	1143+09.50	RT	112.5
1143+09.50	TO	1143+34.50	RT	25.0
1143+34.50	TO	1143+66.50	RT	0.0
1143+66.50	TO	1143+91.50	RT	25.0
1143+91.50	TO	1144+41.50	RT	50.0
1144+41.50	TO	1144+66.50	RT	25.0
RUNAROUND				
1+55.00	TO	1+67.50	RT	12.5
1+67.50	TO	3+42.50	RT	175.0
3+42.50	TO	3+55.00	RT	12.5
TOTAL				262.5

RUNAROUND PAVING SCHEDULE

STATION			HMA BASE COURSE -10" SQ YDS	HMA SHOULDERS - 6" SQ YDS	PAVEMENT REMOVAL - 8" SQ YDS	PAVED SHOULDER REMOVAL - 6" SQ YDS	SUBASE GRAN. MAT'L., TY B TONS
0+00	TO	1+23	280	123	280	123	171
1+23	TO	2+10	209	87	209	87	237
2+10	TO	3+00	188	90	188	90	216
3+00	TO	5+00	424	200	424	200	313
TOTAL			1101	500	1101	500	936

TREE SCHEDULE

STATIONING	LT/RT	OFFSET IN FEET	TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, B AND B EACH
*1142+45	RT	88.5	6	0	1
1142+80	RT	57	0	38	1
1143+06	RT	87	0	16	1
1143+95	RT	82	12	0	1
1144+46	RT	82	12	0	1
		TOTAL	30	54	5

*AT THE TIME OF SURVEY TREE WAS 4" BUT BY JOB TIME WILL BE LARGE ENOUGH TO BE MEASURED FOR TREE REMOVAL.

EROSION CONTROL BLANKET SCHEDULE

STATION			LT/RT	EROSION CONTROL BLANKET SQ YD	TEMPORARY EROSION CONTROL BLANKET SQ YD
MAINLINE					
1142+25.75	TO	1142+67.50	LT	30.4	
1143+21.75	TO	1143+26.50	RT	35.1	
1143+55.00	TO	1144+12.75	RT	195.1	
RUN-AROUND					
2+23.75	TO	2+38.50	RT		13.0
2+61.00	TO	2+74.25	RT		17.6
2+22.00	TO	2+39.25	LT		14.9
2+61.00	TO	2+77.00	LT		15.6
3+72.00	TO	4+03.75	LT		27.8
SUB-TOTAL				260.6	88.9
ROUNDED TOTAL				261	89

PAVEMENT MARKING SCHEDULE

STATION			THERMOPLASTIC PAVEMENT MARKING LINE - 4" YELLOW SKIP DASH FOOT	SOLID WHITE FOOT	SOLID YELLOW FOOT	THERMOPLASTIC PAVMENT MARKING LINE - 8" FOOT	TEMPORARY PAVMENT MARKING LINE - 4" FOOT	TEMPORARY PAVMENT MARKING LINE - 6" FOOT	TEMPORARY PAVMENT MARKING LINE -8" FOOT	TEMPORARY PAVMENT MARKING LINE -12" FOOT	PAVMENT MARKING REMOVAL SQ FT	WORK ZONE PAVMENT MARKING REMOVAL SQ FT	SHORT TERM PAVMENT MARKING FOOT	*COMMENTS
1140+50	TO	1143+08	65	516	258	0	839	0	0	0	280	8.6	25.8	
1143+08	TO	1143+20	3	24	12	0	39	0	0	0	0	0.4	1.2	
1143+20	TO	1145+00	45	360	0	0	405	0	0	0	0	6.0	18.0	
1145+00	TO	1145+11	3	22	0	0	25	0	0	0	8	0.4	1.1	
1145+66	TO	1145+71	2	12	0	*44	14	0	0	0	5	0.2	0.6	CROSSWALK FOR MAINLINE
1145+17	TO	1146+00	21	166	0	0	187	0	0	0	62	2.8	8.3	
1146+00	TO	1146+10	3	20	0	0	23	0	0	0	0	0.3	1.0	
0+00	TO	0+55	0	0	0	0	867	*623	*138	0	0	0	0	CROSSWALK FOR RUNAROUND TC
1140+00			0	0	0	0	0	0	0	*11	0	0	0	STOP BAR FOR RUNAROUND TC
1140+28			0	0	0	0	0	0	0	*10	0	0	0	STOP BAR FOR RUNAROUND TC
1141+96.5			0	0	0	0	0	0	0	*16	0	0	0	STOP BAR FOR RUNAROUND TC
1146+45			0	0	0	0	0	0	0	*11	0	0	0	STOP BAR FOR RUNAROUND TC
SUBTOTAL			140	1120	270	44	2397	623	138	48	355	18.7	56.0	
TOTAL				1530		44	2397	623	138	48	355	19	56	

TRENCH BACKFILL

STATION	TRENCH BACKFILL CUY	LOCATIO N
PERMANENT		
1143+06.08	7.0	18'" CULVERT UNDER PE
1145+40.25	23.3	24" CULVERT UNDER PARK ENTRANCE
TEMPORARY		
1142+32.00	1.0	12" CULVERT UNDER TEMPORARY SW
1144+98.00	21.5	24" CULVERT UNDER PARK ENTRANCE
2+52.00	154.6	3 @ 72" CULVERT UNDER RUNAROUND
TOTAL	207.3	

SODDING SCHEDULE

STATION			SODDING SQ YD		SUPPLEMENTAL WATERING UNIT		NITROGEN FERTILIZER NUTRIENT LBS		PHOSPHOROUS FERTILIZER NUTRIENT LBS		POTASSIUM FERTILIZER NUTRIENT LBS	
			LT	RT	LT	RT	LT	RT	LT	RT	LT	RT
1140+50.00	TO	1140+75.00	8.8	14.7	0.3	0.6	0.1	0.2	0.1	0.2	0.1	0.2
1140+75.00	TO	1141+00.00	20.0	9.4	0.8	0.4	0.2	0.1	0.2	0.1	0.2	0.1
1141+00.00	TO	1141+25.00	23.6	8.3	0.9	0.3	0.3	0.1	0.3	0.1	0.3	0.1
1141+25.00	TO	1141+50.00	25.0	13.8	1.0	0.5	0.3	0.2	0.3	0.2	0.3	0.2
1141+50.00	TO	1141+75.00	25.0	11.0	1.0	0.4	0.3	0.1	0.3	0.1	0.3	0.1
1141+75.00	TO	1142+00.00	26.4	9.2	1.0	0.4	0.3	0.1	0.3	0.1	0.3	0.1
1142+00.00	TO	1142+25.00	26.8	9.2	1.0	0.4	0.3	0.1	0.3	0.1	0.3	0.1
1142+25.00	TO	1142+50.00	25.3	9.2	1.0	0.4	0.3	0.1	0.3	0.1	0.3	0.1
1142+50.00	TO	1142+75.00	23.8	13.3	0.9	0.5	0.3	0.2	0.3	0.2	0.3	0.2
1142+75.00	TO	1143+00.00	11.4	26.9	0.4	1.1	0.1	0.3	0.1	0.3	0.1	0.3
1143+00.00	TO	1143+25.00	7.8	33.6	0.3	1.3	0.1	0.4	0.1	0.4	0.1	0.4
1143+25.00	TO	1143+50.00	17.8	14.7	0.7	0.6	0.2	0.2	0.2	0.2	0.2	0.2
1143+50.00	TO	1143+75.00	29.6	87.5	1.2	3.4	0.4	1.1	0.4	1.1	0.4	1.1
1143+75.00	TO	1144+00.00	24.7	122.8	1.0	4.8	0.3	1.5	0.3	1.5	0.3	1.5
1144+00.00	TO	1144+25.00	11.4	106.3	0.4	4.1	0.1	1.3	0.1	1.3	0.1	1.3
1144+25.00	TO	1144+50.00	13.2	103.9	0.5	4.1	0.2	1.3	0.2	1.3	0.2	1.3
1144+50.00	TO	1144+75.00	14.4	102.8	0.6	4.0	0.2	1.3	0.2	1.3	0.2	1.3
1144+75.00	TO	1145+00.00	15.4	69.3	0.6	2.7	0.2	0.9	0.2	0.9	0.2	0.9
1145+00.00	TO	1145+25.00	16.4	19.2	0.6	0.7	0.2	0.2	0.2	0.2	0.2	0.2
1145+25.00	TO	1145+50.00	16.0	43.1	0.6	1.7	0.2	0.5	0.2	0.5	0.2	0.5
1145+50.00	TO	1145+75.00	16.7	75.1	0.7	2.9	0.2	0.9	0.2	0.9	0.2	0.9
1145+75.00	TO	1146+00.00	18.3	66.9	0.7	2.6	0.2	0.8	0.2	0.8	0.2	0.8
1146+00.00	TO	1146+10.00	9.6	27.4	0.4	1.1	0.1	0.3	0.1	0.3	0.1	0.3
SUB-TOTAL			427.3	997.6	16.7	38.9	5.3	12.4	5.3	12.4	5.3	12.4
ROUNDED TOTAL			1425		56		18		18		18	

TEMPORARY EROSION CONTROL SEEDING SCHEDULE

STATION			TEMPORARY EROSION CONTROL SEEDING LBS		MULCH METHOD II ACRE	
			LT	RT	LT	RT
1140+58.00	TO	1141+02.50	0.0	17.1	0.0	0.1
0+00.00	TO	0+50.00	0.0	19.2	0.0	0.1
0+50.00	TO	0+75.00	0.0	9.9	0.0	0.0
0+75.00	TO	1+00.00	5.3	9.5	0.0	0.0
1+00.00	TO	1+25.00	9.8	8.0	0.0	0.0
1+25.00	TO	1+50.00	8.4	8.0	0.0	0.0
1+50.00	TO	1+75.00	7.5	9.7	0.0	0.0
1+75.00	TO	2+00.00	7.3	10.1	0.0	0.1
2+00.00	TO	2+25.00	6.2	8.4	0.0	0.0
2+25.00	TO	2+50.00	5.9	6.6	0.0	0.0
2+50.00	TO	2+75.00	8.9	7.1	0.0	0.0
2+75.00	TO	3+00.00	11.6	10.4	0.1	0.1
3+00.00	TO	3+25.00	11.0	11.4	0.1	0.1
3+25.00	TO	3+50.00	7.9	10.2	0.0	0.1
3+50.00	TO	3+75.00	5.9	10.3	0.0	0.1
3+75.00	TO	4+00.00	10.2	10.6	0.1	0.1
4+00.00	TO	4+25.00	8.0	10.4	0.0	0.1
4+25.00	TO	4+50.00	0.6	3.8	0.0	0.0
SUB-TOTAL			114.7	180.5	0.6	0.9
ROUNDED TOTAL			296		2	

10 APPLICATIONS OF TEMPORARY EROSION CONTROL SEEDING
5 APPLICATIONS OF MULCH METHOD II

SIDEWALK SCHEDULE

STATION			SIDEWALK REMOVAL SQ FT	PCC SIDEWALK-4' SQ FT	*TEMPORARY SIDEWALK SQ FT
1140+50.00	TO	1140+65.00	56	100	0
1142+29.75	TO	1142+35.75	0	0	56
1142+74.00	TO	1143+29.88	224	279	0
1143+65.88	TO	1145+10.50	578	723	0
1145+10.50	TO	1145+16.50	0	0	54
1145+16.50	TO	1146+00.00	334	418	0
1146+00.00	TO	1147+27.50	510	638	0
TOTAL			1702	2158	110

*FYI ONLY - TEMPORARY SIDEWALK IS PAID FOR AS AGGREGATE FOR TEMPORARY ACCESS.

RR 4 SCHEDULE

STATION	LT/RT	STONE RIPRAP, CLASS A4 SQ YD	FILTER FABRIC SQ YD
1142+67.50	LT	16.3	16.3
1144+84.00	RT	5.6	5.6
1145+99.00	RT	5.6	5.6
SUB-TOTAL		27.5	27.5
ROUNDED TOTAL		28	28

MAINLINE EARTHWORK SCHEDULE

STATIONING			UNADJUSTED MAINLINE EXCAVATION (CU YD)	MAINLINE EXCAVATION ADJUSTED FOR 25% SHINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
1140+50.00	TO	1140+75.00	3.4	2.6	0.8	1.8
1140+75.00	TO	1141+00.00	5.9	4.4	0.5	3.9
1141+00.00	TO	1141+25.00	5.8	4.4	0.8	3.6
1141+25.00	TO	1141+50.00	4.7	3.5	1.3	2.2
1141+50.00	TO	1141+75.00	4.1	3.1	1.0	2.1
1141+75.00	TO	1142+00.00	4.3	3.2	1.3	1.9
1142+00.00	TO	1142+25.00	5.0	3.8	1.3	2.5
1142+25.00	TO	1142+50.00	5.1	3.8	1.0	2.8
1142+50.00	TO	1142+75.00	5.5	4.1	1.1	3.0
1142+75.00	TO	1143+00.00	15.4	11.6	2.2	9.4
1143+00.00	TO	1143+25.00	30.6	23.0	4.6	18.4
1143+25.00	TO	1143+50.00	22.0	16.5	3.1	13.4
1143+50.00	TO	1143+75.00	42.0	31.5	6.5	25.0
1143+75.00	TO	1144+00.00	51.7	38.8	13.0	25.8
1144+00.00	TO	1144+25.00	30.5	22.9	14.3	8.6
1144+25.00	TO	1144+50.00	36.8	27.6	17.3	10.3
1144+50.00	TO	1144+75.00	37.0	27.8	13.4	14.4
1144+75.00	TO	1145+00.00	20.9	15.7	9.8	5.9
1145+00.00	TO	1145+25.00	7.2	5.4	9.6	-4.2
1145+25.00	TO	1145+50.00	7.0	5.3	27.3	-22.0
1145+50.00	TO	1145+68.44	6.1	4.6	29.5	-24.9
1145+68.44	TO	1145+75.00	2.3	1.7	9.1	-7.4
1145+75.00	TO	1146+00.00	9.9	7.4	20.6	-13.2
1146+00.00	TO	1146+10.00	3.5	2.6	2.0	0.6
		TOTAL =	366.7	275.3	191.4	83.9
		ROUNDED TOTAL =	365	275	190	85

RUNAROUND EARTHWORK SCHEDULE

STATIONING			UNADJUSTED RUNAROUND EXCAVATION (CU YD)	RUNAROUND EXCAVATION ADJUSTED FOR 25% SHINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
0+.00.00	TO	0+50.00	25.0	18.8	2.9	15.9
0+50.00	TO	0+75.00	32.3	24.2	2.3	21.9
0+75.00	TO	1+00.00	33.9	25.4	7.0	18.4
1+00.00	TO	1+25.00	20.2	15.2	13.1	2.1
1+25.00	TO	1+50.00	8.8	6.6	18.5	-11.9
1+50.00	TO	1+75.00	4.8	3.6	27.1	-23.5
1+75.00	TO	2+00.00	2.6	2.0	32.1	-30.1
2+00.00	TO	2+25.00	0.6	0.5	28.5	-28.0
2+25.00	TO	2+50.00	0.1	0.1	59.4	-59.3
2+50.00	TO	2+75.00	5.9	4.4	57.1	-52.7
2+75.00	TO	3+00.00	20.7	15.5	13.8	1.7
3+00.00	TO	3+25.00	29.6	22.2	8.7	13.5
3+25.00	TO	3+50.00	25.0	18.8	9.5	9.3
3+50.00	TO	3+75.00	18.2	13.7	12.1	1.6
3+75.00	TO	4+00.00	21.3	16.0	23.6	-7.6
4+00.00	TO	4+50.00	30.8	23.1	52.8	-29.7
		TOTAL =	283.9	213.2	388.6	-175.4
		ROUNDED TOTAL =	285	215	390	-175

FURNISH AND ERECTING RIGHT OF WAY MARKERS

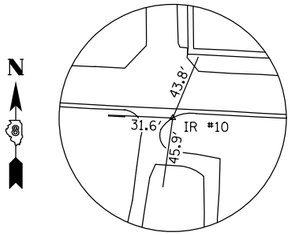
STATION	OFFSET	DIRECTION
1142+50.00	39.90	RT
1143+00.00	64.92	RT
1143+20.00	55.07	LT
1143+20.00	30.07	LT
1143+75.00	64.95	RT
1143+85.00	55.05	LT
1143+85.00	40.05	LT
1144+25.00	54.96	RT
1144+97.24	54.98	RT
1147+23.64	40.00	LT
1147+31.77	30.00	LT
1147+31.77	40.00	LT
TOTAL		12

ROW AND PROPERTY CORNERS

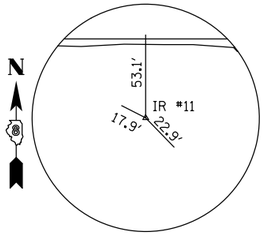
STATION	OFFSET	DIRECTION
1143+56.49	64.94	RT
1142+50.00	39.90	RT
1142+87.50	30.08	LT
1143+00.00	64.92	RT
1143+20.00	30.07	LT
1143+75.00	64.95	RT
1144+25.00	54.96	RT
1144+90.10	39.98	RT
1144+97.24	54.98	RT
1145+45.27	39.99	RT
TOTAL		10

SIGN SCHEDULE

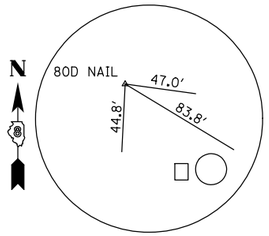
STATIONING	LT/RT	WOOD SIGN SUPPORT FEET	SIGN PANEL - TYPE 1 SQ FT	SIGN NUMBER	SIGN SIZE	COMMENT
1144+41	RT	19.5	9	W11-2	36 X 36	PEDESTRIAN TRAFFIC
1144+41	RT		3.75	W16-9p	30 X 18	AHEAD PLAQUE
1145+66	RT	19.5	9	W11-2	36 X 36	PEDESTRIAN TRAFFIC
1145+66	RT		3.75	W16-7pL	30 X 18	LEFT DIAGONAL ARROW PLAQUE
1145+71	LT	19.5	9	W11-2	36 X 36	PEDESTRIAN TRAFFIC
1145+71	LT		3.75	W16-7pL	30 X 18	LEFT DIAGONAL ARROW PLAQUE
1146+96	LT	19.5	9	W11-2	36 X 36	PEDESTRIAN TRAFFIC
1146+96	LT		3.75	W16-9p	30 X 18	AHEAD PLAQUE
	TOTAL	78	51			



POINT # 10
N=809285.820
E=417338.107
ELEV=543.67



POINT # 11
N=809220.183
E=418384.128
ELEV=537.48



POINT # 12
N=809002.649
E=417762.203
ELEV=0.00

NOTES:

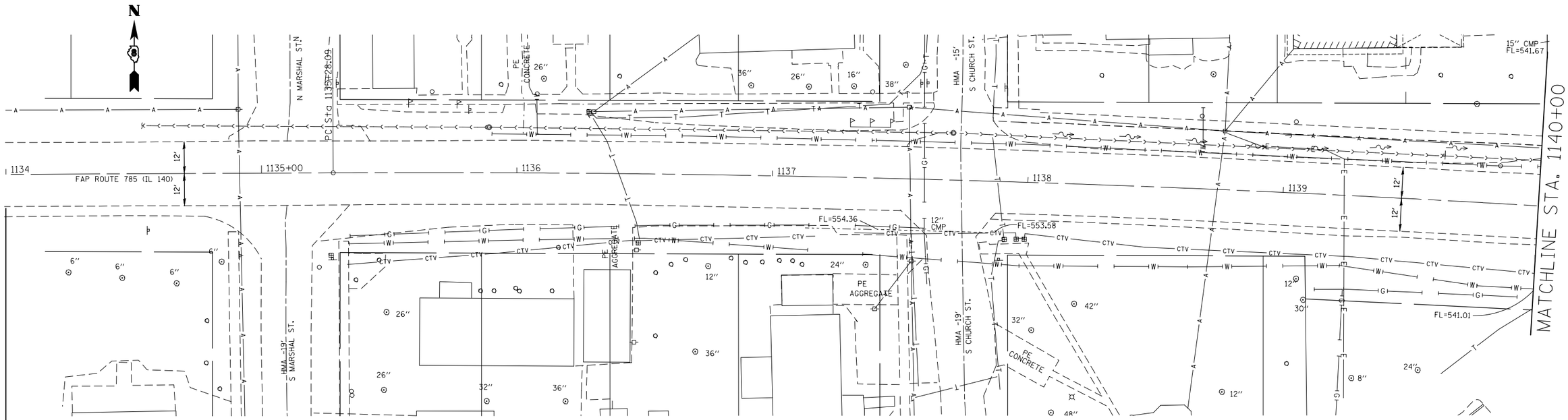
BM 23: CUT "SQUARE" ON BOX CULVERT EXTENSION AT SOOUTHEAST QUADRANT OF IL 140 AND JEFFERSON STREET, ALHAMBRA IL. ELEVATION = 543.39 (NAVD 1988)

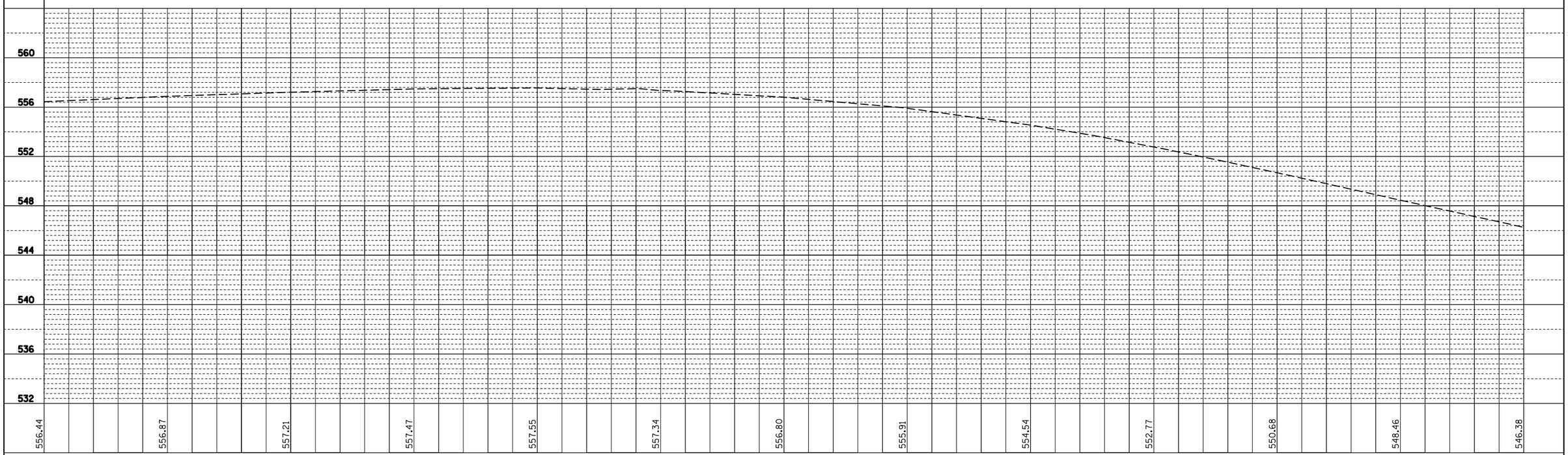
BM 24: CUT ∠"X" ON SOUTHERLY FLANGE BOLT ON FIRE HYDRANT AT NORTHEAST QUADRANT OF IL 140 AND GOOSE STREET, ALHAMBRA, Il. ELEVATION = 546.01 (NAVD 1988)

PLAN		BY	DATE
NOTE BOOK NO.____	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK NO.____	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTAT'NS CHK'D		

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT TIES AND BENCHMARKS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			785	136-BR	MADISON	58	15
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -					CONTRACT NO. 76D49		
	PLOT DATE = $DATE$	DATE -	REVISED -		SCALE: NONE / SHEET NO. 1 OF 1 SHEETS / STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATIONS CHKD		
NOTE BOOK NO.		

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -
		CHECKED -
$MODELNAME$	PLOT SCALE = $SCALE$	DRAWN -
	PLOT DATE = $DATE$	CHECKED -
		REVISED -
		REVISED -
		REVISED -
		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

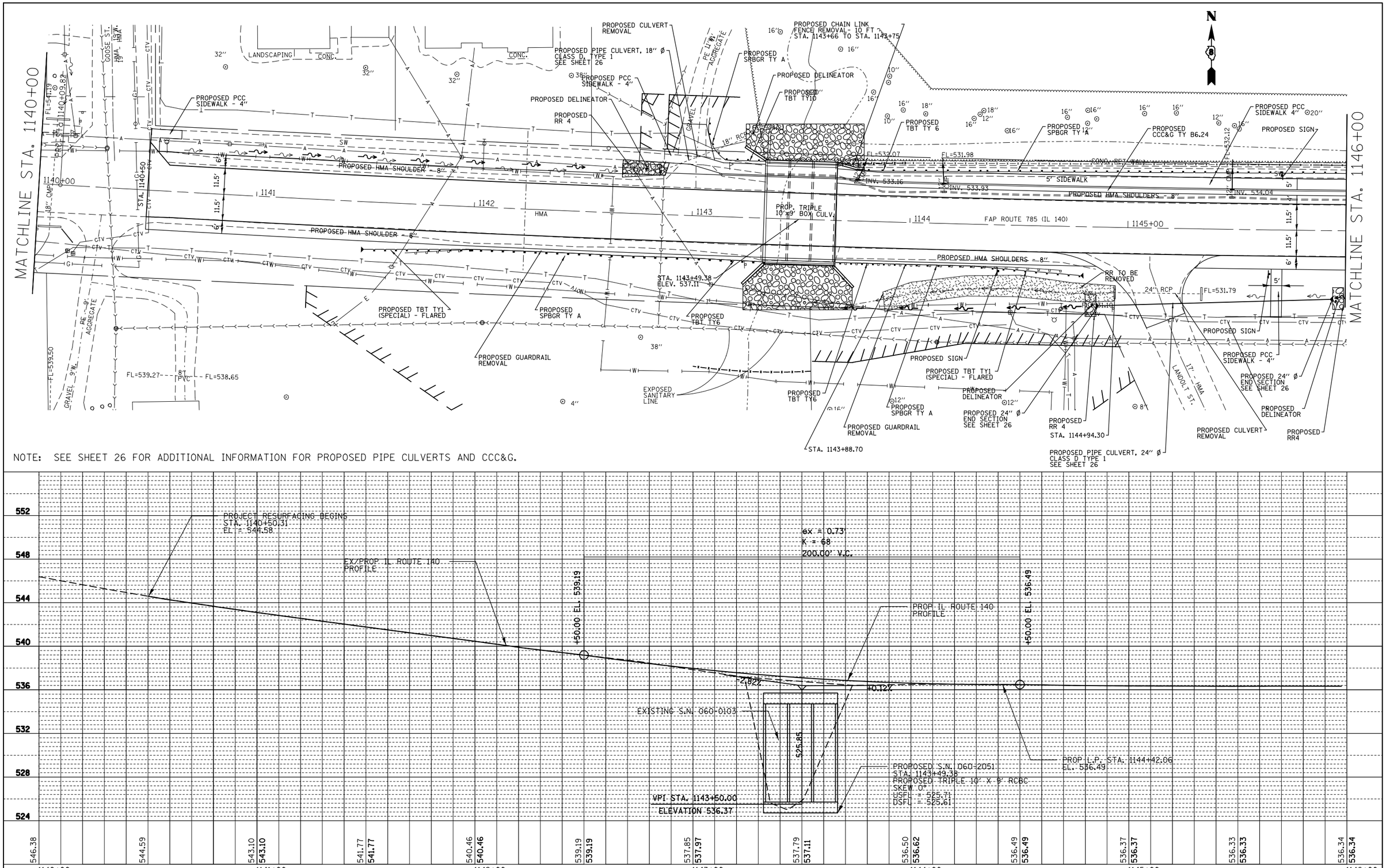
MAINLINE
PLAN AND PROFILE

SCALE: 20:1 | SHEET 1 OF 3 SHEETS | STA. 1134+00 TO STA. 1140+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	16

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT



NOTE: SEE SHEET 26 FOR ADDITIONAL INFORMATION FOR PROPOSED PIPE CULVERTS AND CCC&G.

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATIONS CHKD		
NOTE BOOK NO.		

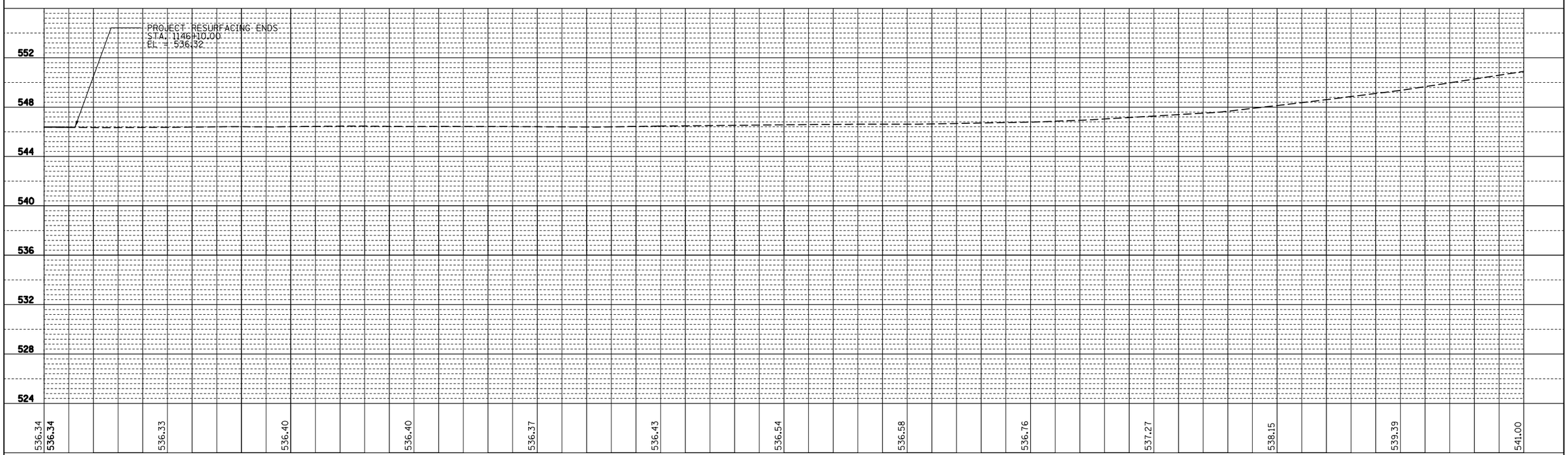
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED -	REVISED -
		CHECKED -	REVISED -
$MODELNAME$	PLOT SCALE = $SCALE$	DRAWN -	REVISED -
	PLOT DATE = $DATE$	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
MAINLINE

SCALE: 20:1 | SHEET 2 OF 3 SHEETS | STA. 1140+00 TO STA. 1146+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	17
		CONTRACT NO. 76D49		
		ILLINOIS FED. AID PROJECT		



PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATIONS CHKD		
NOTE BOOK NO.		

FILE NAME =	USER NAME = $USER$	DESIGNED -	REVISED -
$FILEL$		CHECKED -	REVISED -
	PLOT SCALE = $SCALE$	DRAWN -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

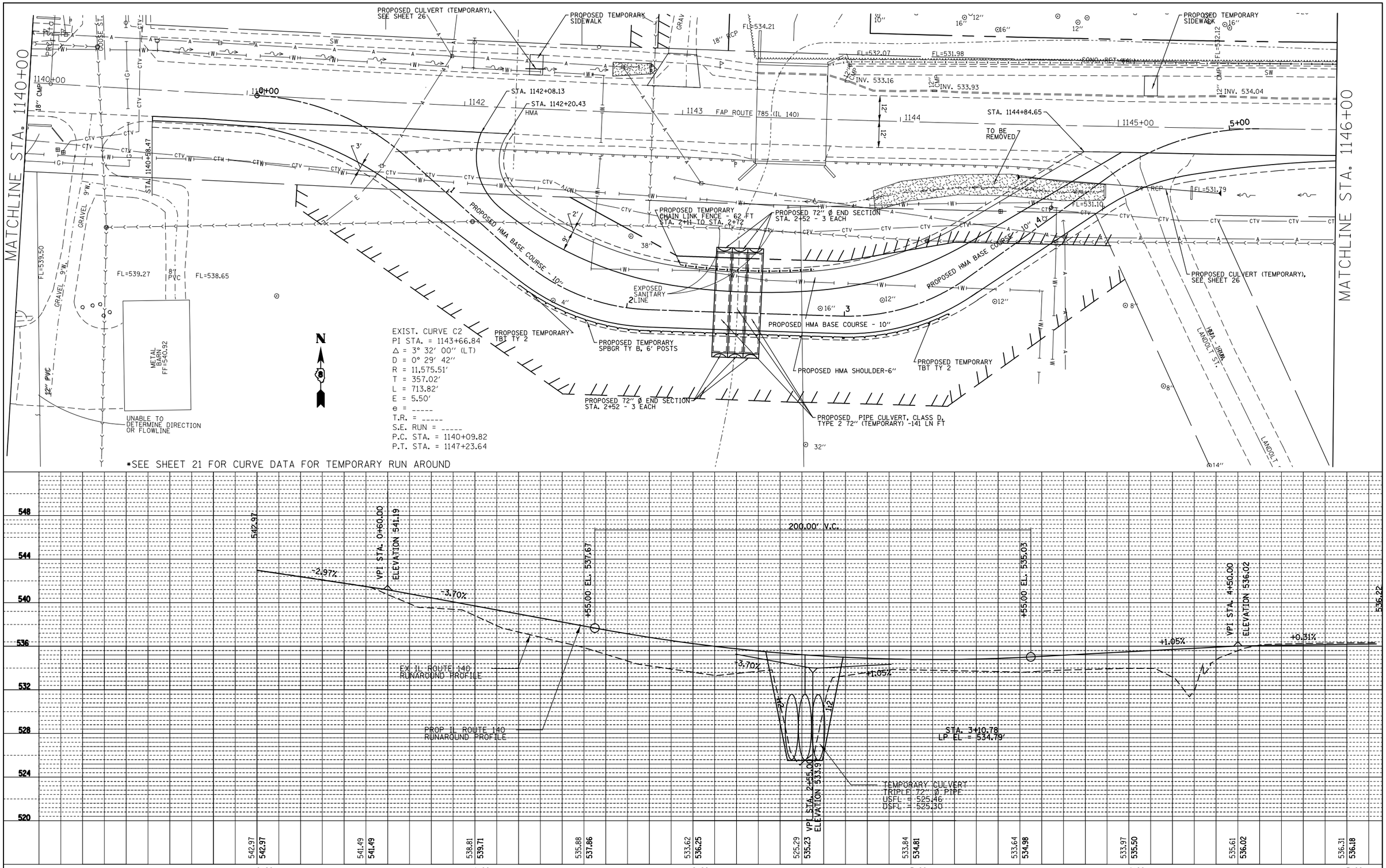
PLAN AND PROFILE
MAINLINE

SCALE: 20:1 | SHEET 3 OF 3 SHEETS | STA. 1146+00 TO STA. 1152+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	18

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT



PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATIONS CHKD		
NOTE BOOK NO.		

FILE NAME =	USER NAME = $USER$	DESIGNED -	REVISED -
$FILEL$		CHECKED -	REVISED -
	PLOT SCALE = $SCALE$	DRAWN -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

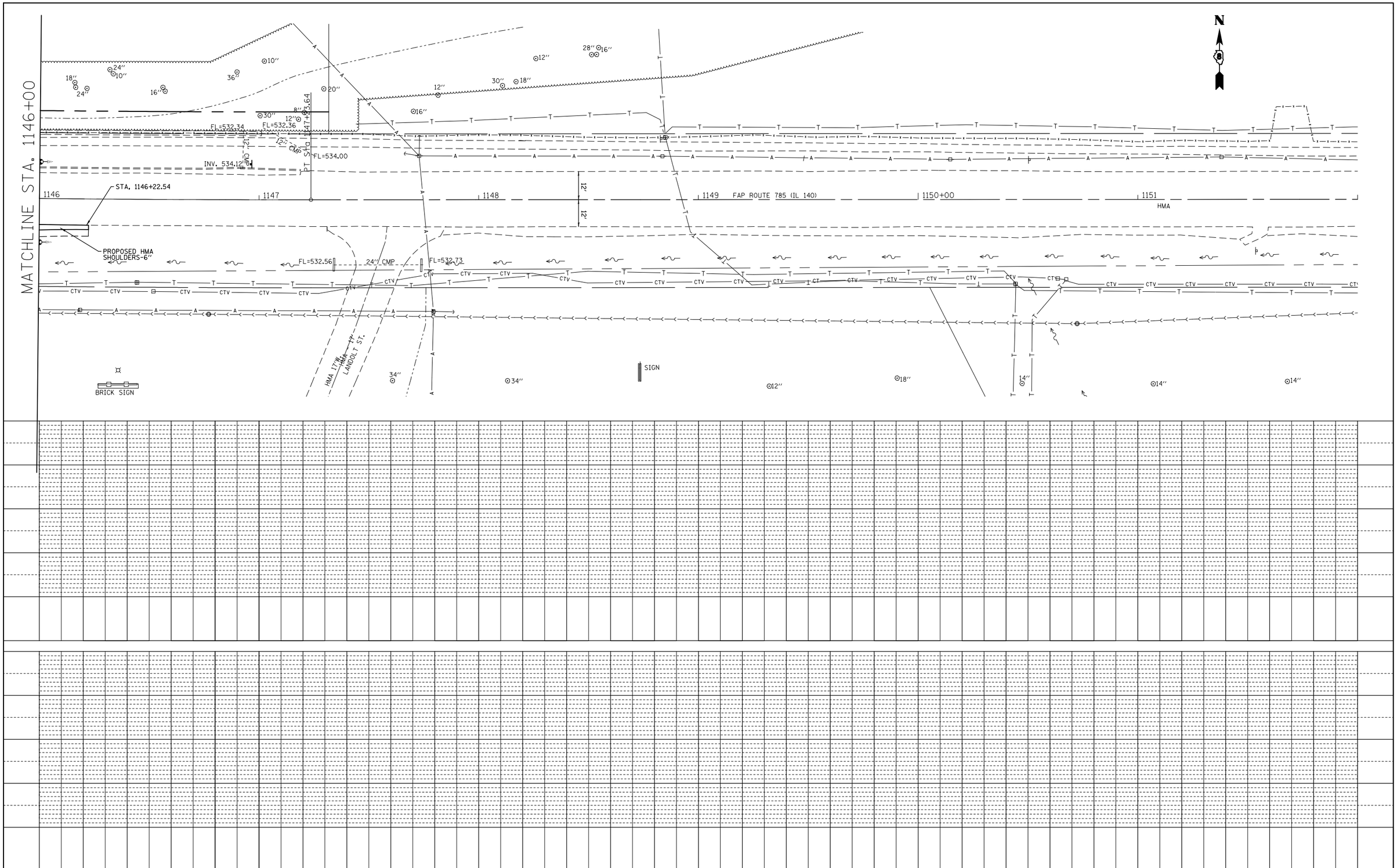
PLAN AND PROFILE
RUNAROUND

SCALE: 20:1 | SHEET 1 OF 2 SHEETS | STA. 1140+00 TO STA. 1146+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	19

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT



PLAN		BY	DATE
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK NO.			

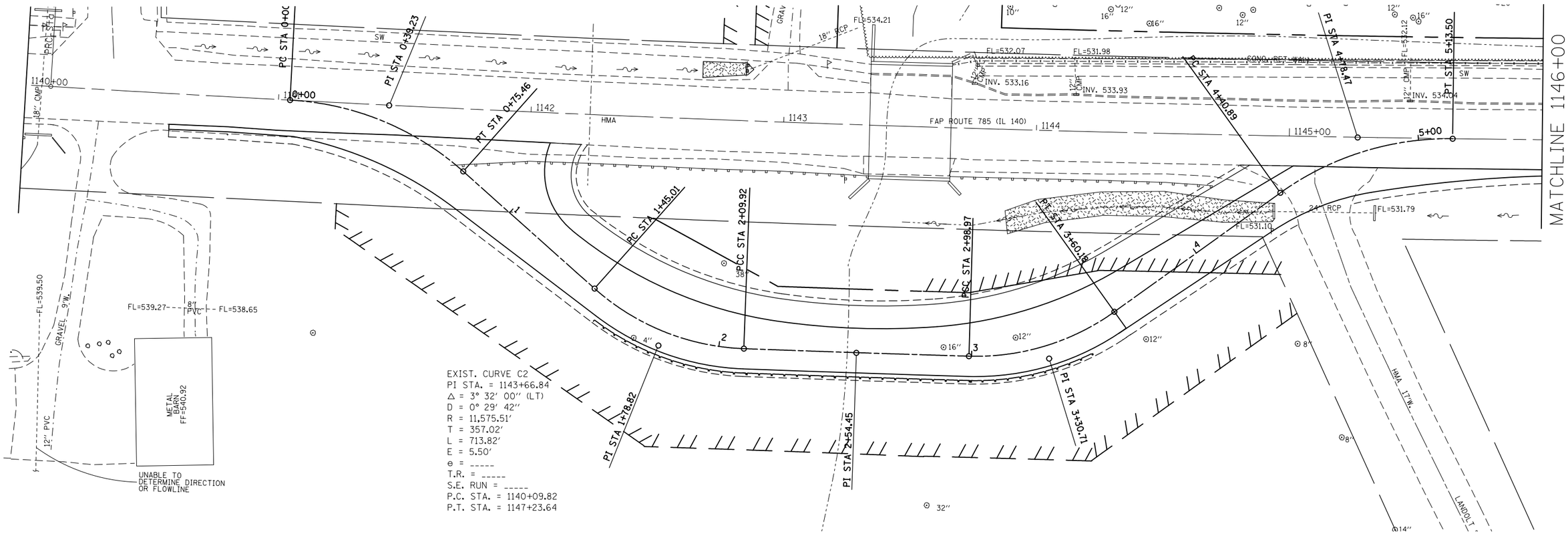
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		CHECKED -	REVISED -
$MODELNAME$	PLOT SCALE = $SCALE$	DRAWN -	REVISED -
	PLOT DATE = $DATE$	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
RUNAROUND

SCALE: 20:1 | SHEET 2 OF 2 SHEETS | STA. 1146+00 TO STA. 1152+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	20
		CONTRACT NO. 76D49		
		ILLINOIS FED. AID PROJECT		



PROP. CURVE ALTC601
PI STA. = 0+39.23
Δ = 38° 39′ 41″ (RT)
D = 51° 14′ 10″
R = 111.83′
T = 39.23′
L = 75.46′
E = 6.68′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 0+00.00
P.T. STA = 0+75.46

PROP. CURVE ALTC602
PI STA. = 1+78.82
Δ = 39° 34′ 01″ (LT)
D = 60° 57′ 11″
R = 94.00′
T = 33.81′
L = 64.91′
E = 5.90′
e = 4%
T.R. = 32.5′
S.E. RUN = 65′
P.C. STA = 1+45.01
P.T. STA = 2+09.92

PROP. CURVE ALTC603
PI STA. = 2+54.45
Δ = 0° 26′ 15″ (LT)
D = 0° 29′ 28″
R = 11,665.51′
T = 44.53′
L = 89.05′
E = 0.08′
e = N/A
T.R. = N/A
S.E. RUN = N/A
P.C. STA = 2+09.92
P.T. STA = 2+98.97

PROP. CURVE ALTC604
PI STA. = 3+30.71
Δ = 37° 18′ 26″ (LT)
D = 60° 57′ 11″
R = 94.00′
T = 31.73′
L = 61.21′
E = 5.21′
e = 4%
T.R. = 32.5′
S.E. RUN = 65′
P.C. STA = 2+98.97
P.T. STA = 3+60.18

PROP. CURVE ALTC605
PI STA. = 4+78.47
Δ = 36° 22′ 25″ (RT)
D = 50° 05′ 31″
R = 114.38′
T = 37.58′
L = 72.61′
E = 6.01′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 4+40.89
P.T. STA = 5+13.50

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
BAL. NOTED		
STRUCTURE NOTAT'NS CHK'D		
NOTE BOOK NO.		

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		CHECKED -	REVISED -
$MODELNAME$	PLOT SCALE = $SCALE$	DRAWN -	REVISED -
	PLOT DATE = $DATE$	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

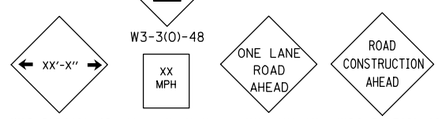
RUNAROUND ALIGNMENT INFORMATION

SCALE: 20:1 | SHEET 1 OF 1 SHEETS | STA. 1140+00 TO STA. 1146+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	21
		CONTRACT NO. 76D49		
	ILLINOIS FED. AID PROJECT			

PLAN		BY	DATE
NOTE BOOK NO. ____	SURVEYED PLOTTED ALIGNMENT CHECKED RT. OF WAY CHECKED CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK NO. ____	SURVEYED PLOTTED GRADES CHECKED B.M. NOTED STRUCTURE NOTAT'NS CHK'D		



W12-I102(O)-48 W13-I(O)-2424 W20-4(O)-48 W20-I103(O)-48

THE ABOVE SIGNS WILL BE PLACED ACCORDING TO TRAFFIC CONTROL STANDARD 701321.

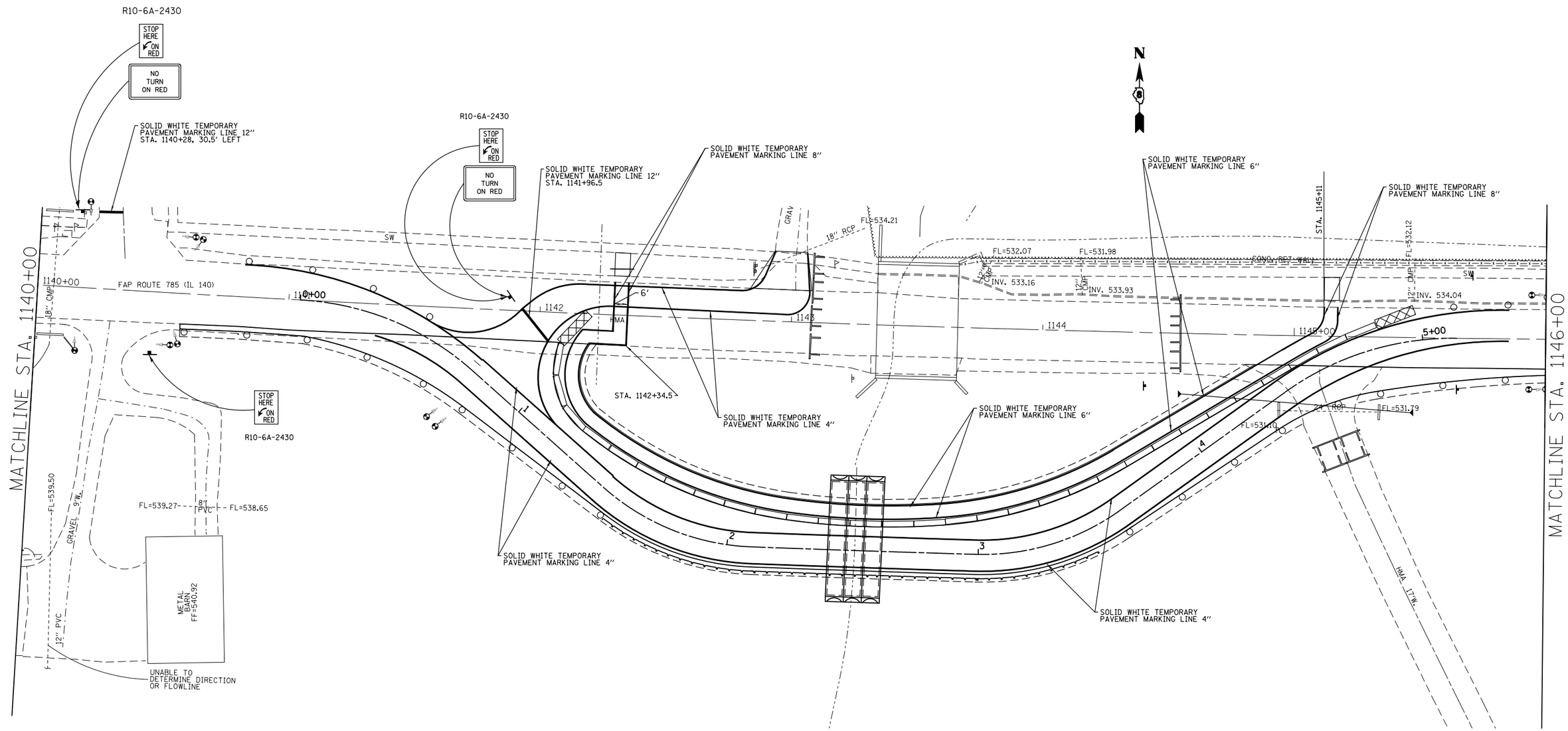
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		CHECKED -	REVISED -
$MODELNAME$	PLOT SCALE = $SCALE$	DRAWN -	REVISED -
	PLOT DATE = $DATE$	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RUNAROUND TRAFFIC CONTROL LAYOUT

SCALE: 20:1 | SHEET 1 OF 3 SHEETS | STA. 1134+00 TO STA. 1140+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	22
		CONTRACT NO. 76D49		
	ILLINOIS FED. AID PROJECT			



PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

LEGEND

- TEMPORARY TRAFFIC SIGNAL
- TEMPORARY CONCRETE BARRIER
- TRAFFIC BARRIER TY III
- IMPACT ATTENUATOR, TEMPORARY (NRD), TL 3
- BARRICADE OR DRUM

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

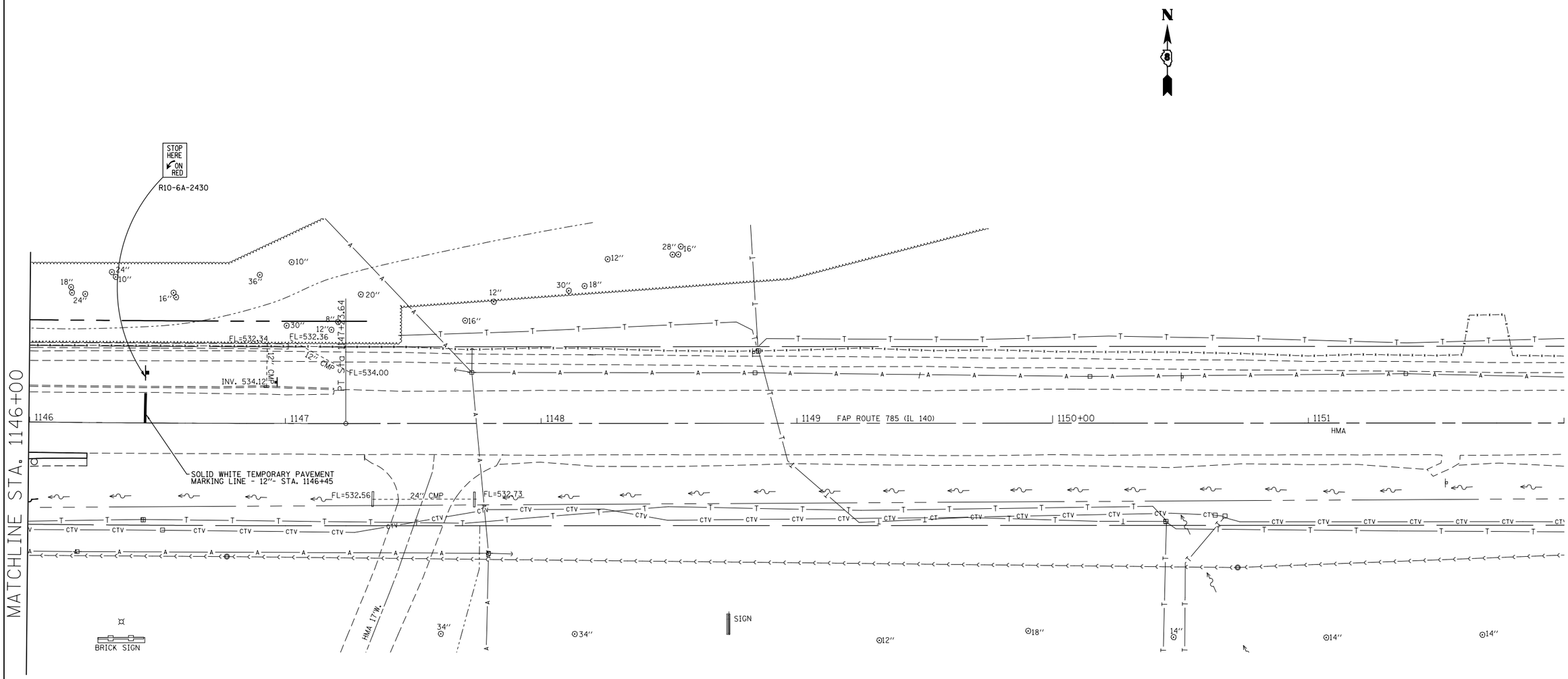
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RUNAROUND TRAFFIC CONTROL LAYOUT

SCALE: 20:1 | SHEET 2 OF 3 SHEETS | STA. 1140+00 TO STA. 1146+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	23
		CONTRACT NO. 76D49		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



LEGEND

- TEMPORARY TRAFFIC SIGNAL
- TEMPORARY CONCRETE BARRIER
- TRAFFIC BARRIER TY III
- IMPACT ATTENUATOR, TEMPORARY (NRD), TL 3
- BARRICADE OR DRUM

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CHKD — NOTE BOOK NO. — BY — DATE

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

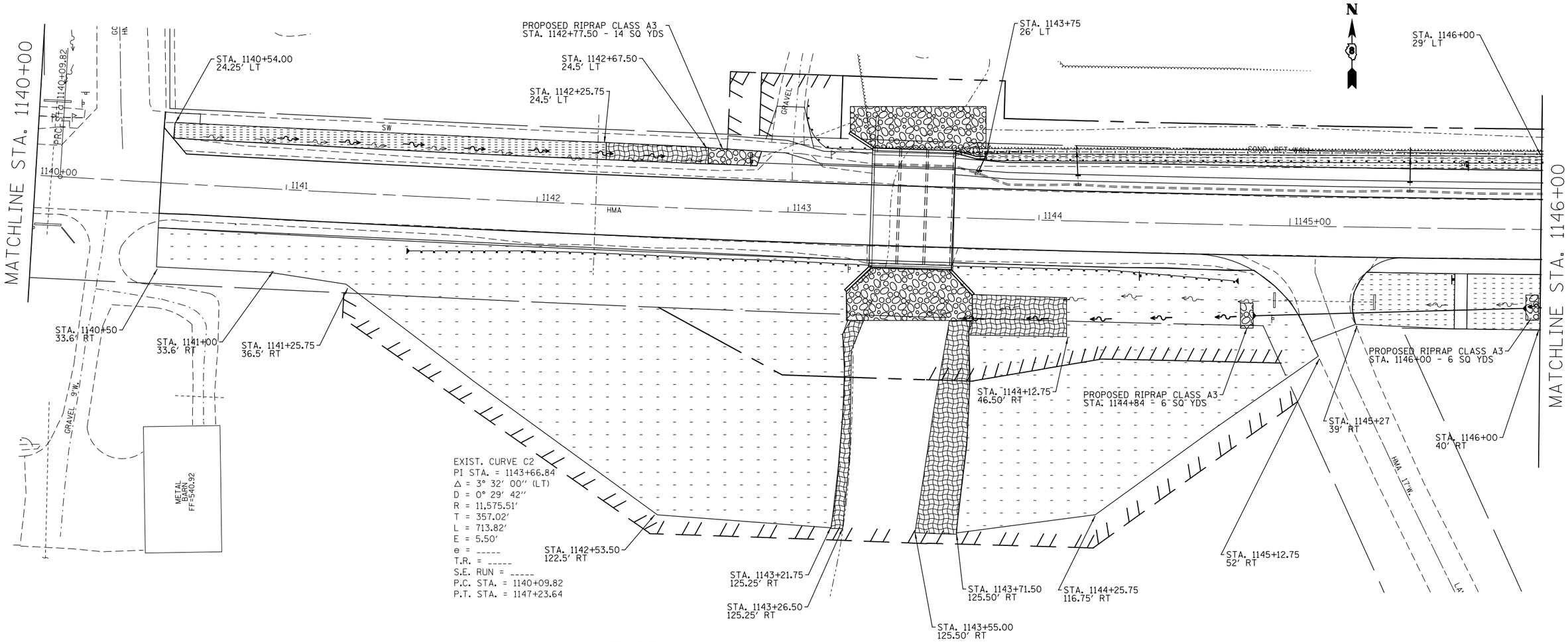
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RUNAROUND TRAFFIC CONTROL LAYOUT

SCALE: 20:1 | SHEET 3 OF 3 SHEETS | STA. 1146+00 TO STA. 1152+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	24
		CONTRACT NO. 76D49		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN AND/OR OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.

TEMPORARY SEEDING SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE PAID FOR AS "TEMPORARY EROSION CONTROL SEEDING" AND NO OTHER PAYMENT WILL BE PERMITTED. FOR CALCULATION PURPOSED, THREE APPLICATIONS OF TEMPORARY SEEDING WERE ASSUMED.

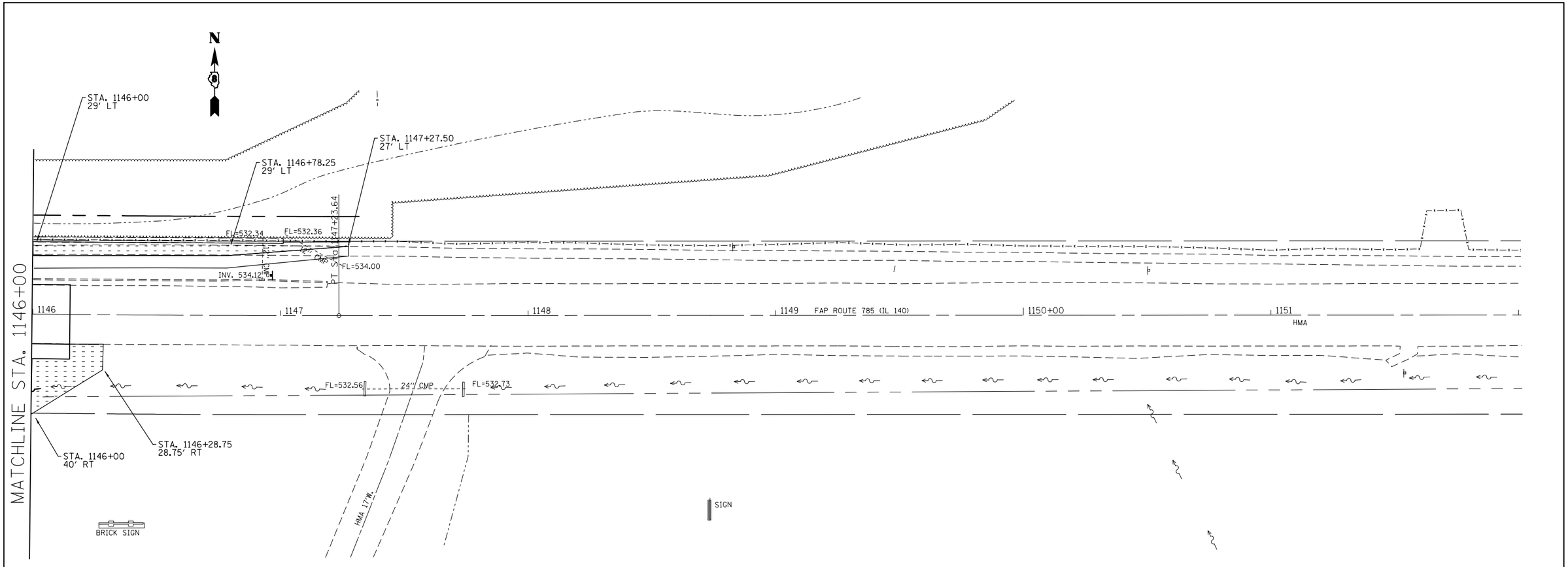
SODDING AND EROSION CONTROL BLANKET ARE TO BE PLACED AS SOON AS EARTHWORK IS COMPLETED.

EROSION CONTROL BLANKET/TEMPORARY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SLOPES STEEPER THAN 1:2.

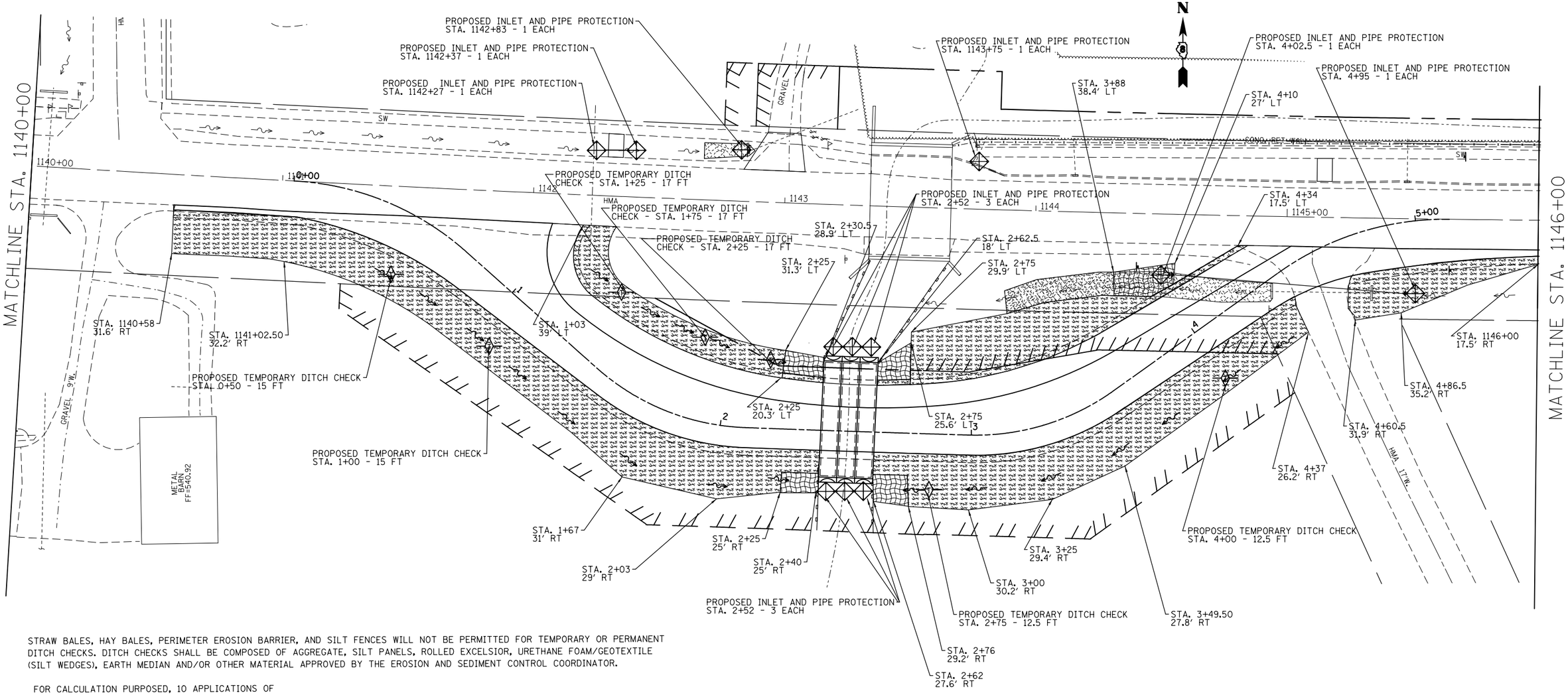
LEGEND

- SODDING
- TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD II
- EROSION CONTROL BLANKET/TEMPORARY EROSION CONTROL BLANKET
- RIPRAP
- PERIMETER EROSION BARRIER

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE–EROSION CONTROL			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					785	13-BR	MADISON	58	25
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -							CONTRACT NO. 76D49		
	PLOT DATE = $DATE$	DATE -	REVISED -		SCALE: 20:1	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE-EROSION CONTROL			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -					785	13-BR	MADISON	58 / 25A
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -							CONTRACT NO. 76D49	
	PLOT DATE = $DATE$	DATE -	REVISED -		SCALE: 20:1	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN AND/OR OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.

FOR CALCULATION PURPOSED, 10 APPLICATIONS OF TEMPORARY SEEDING WERE ASSUMED.

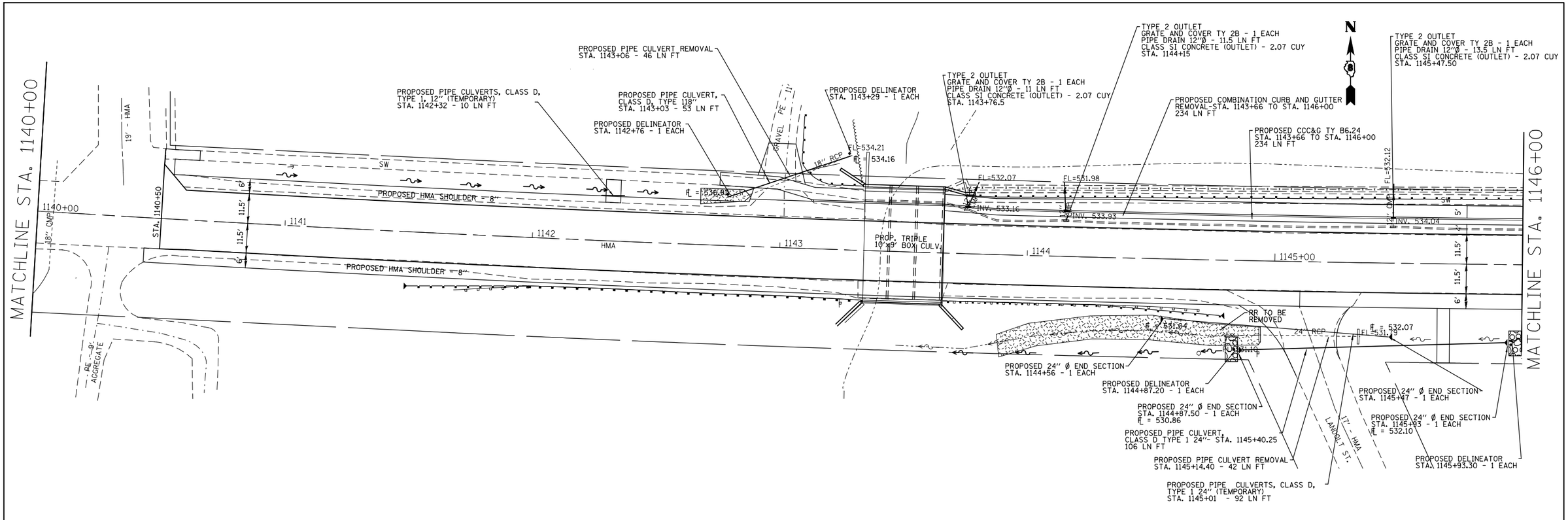
SODDING AND EROSION CONTROL BLANKET ARE TO BE PLACED AS SOON AS EARTHWORK IS COMPLETED.

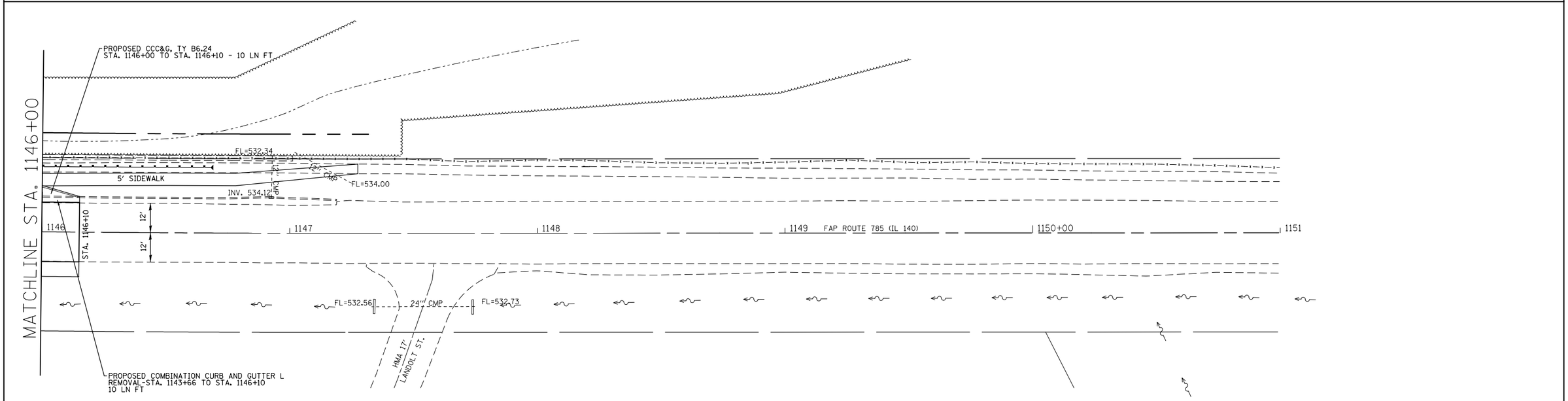
EROSION CONTROL BLANKET/TEMPORARY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SLOPES STEEPER THAN 1:2.

LEGEND

- SODDING
- TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD II
- EROSION CONTROL BLANKET/TEMPORARY EROSION CONTROL BLANKET
- RIPRAP
- PERIMETER EROSION BARRIER

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RUNAROUND-EROSION CONTROL			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					785	13-BR	MADISON	58	25B
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -							CONTRACT NO. 76D49		
	PLOT DATE = $DATE$	DATE -	REVISED -		SCALE: 20:1	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

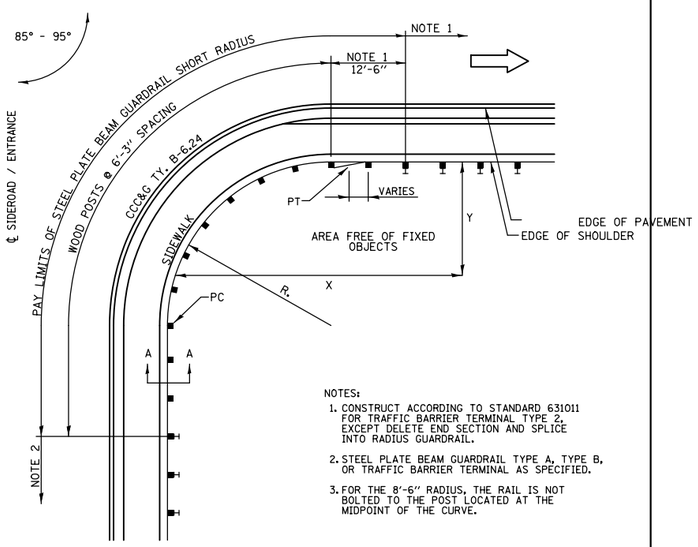
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN SHEETS

SCALE: 20:1 | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	26
		CONTRACT NO. 76D49		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



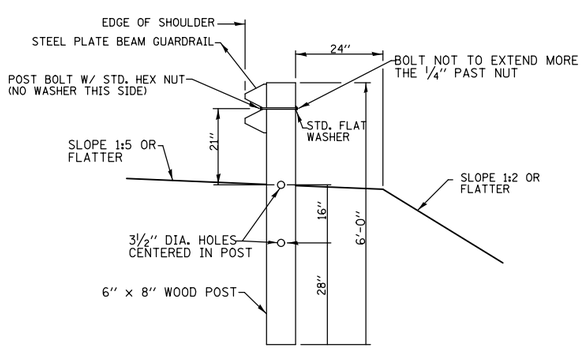
NOTES:

1. CONSTRUCT ACCORDING TO STANDARD 631011 FOR TRAFFIC BARRIER TERMINAL TYPE 2, EXCEPT DELETE END SECTION AND SPLICE INTO RADIUS GUARDRAIL.
2. STEEL PLATE BEAM GUARDRAIL TYPE A, TYPE B, OR TRAFFIC BARRIER TERMINAL AS SPECIFIED.
3. FOR THE 8'-6" RADIUS, THE RAIL IS NOT BOLTED TO THE POST LOCATED AT THE MIDPOINT OF THE CURVE.

PLAN VIEW SHORT RADIUS GUARDRAIL DETAIL

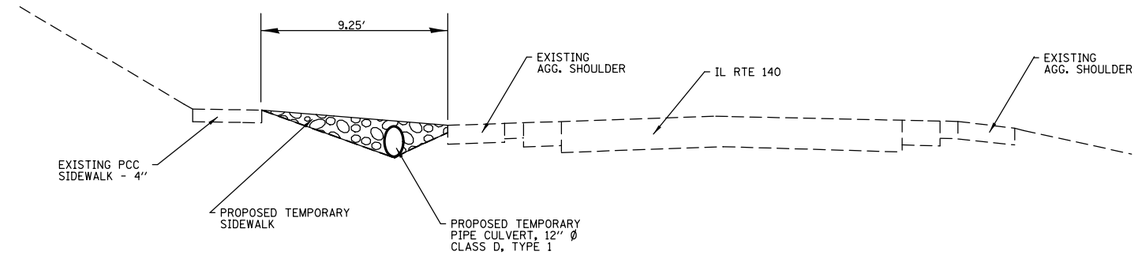
NOT TO SCALE

INSTALLATION CHARACTERISTICS PER DESIGN RADIUS			
R	NO. OF WOOD POSTS	X	Y
8'-6"	5 (NOTE 3)	25'	15'
17'-0"	6	30'	15'
25'-6"	8	40'	20'
35'-0"	11	50'	20'

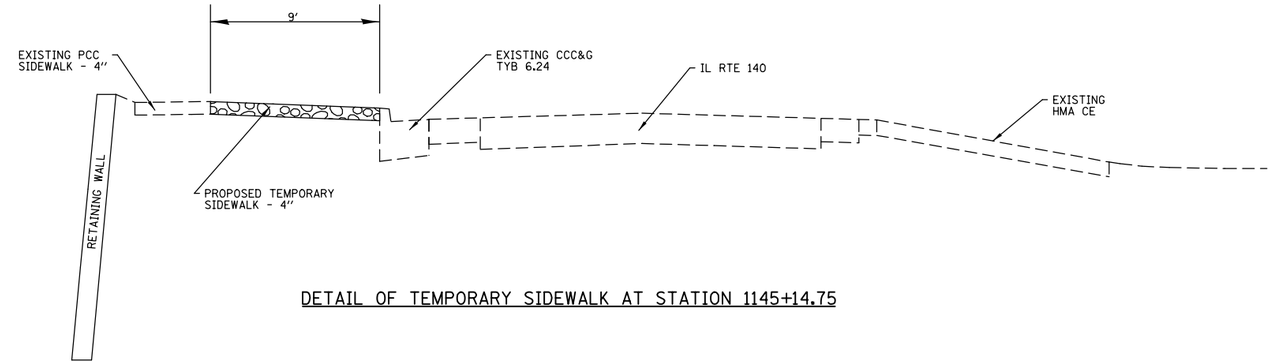


SECTION A-A

NOT TO SCALE



DETAIL OF TEMPORARY SIDEWALK AT STATION 1142+32.64



DETAIL OF TEMPORARY SIDEWALK AT STATION 1145+14.75

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTAT'NS CHK'D		
NOTE BOOK NO.		

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

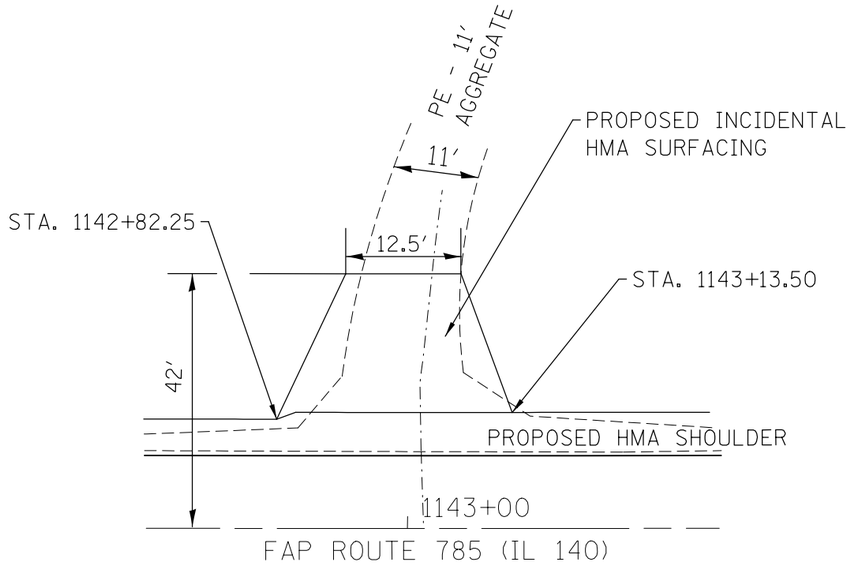
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

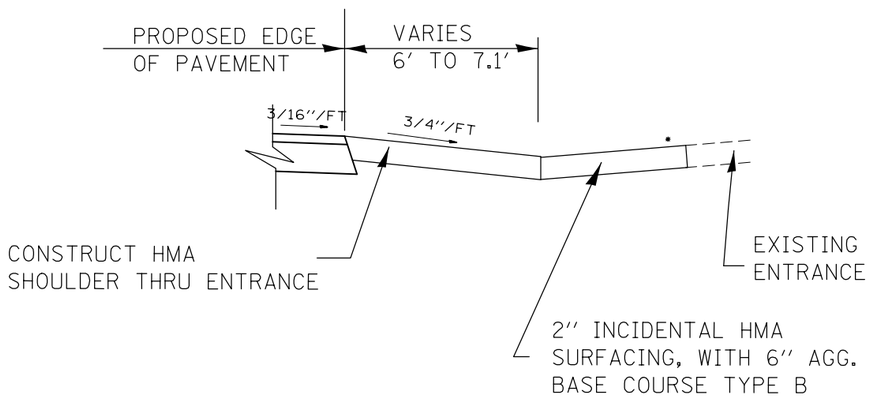
DETAILS

SCALE: NONE | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	27
		CONTRACT NO. 76D49		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

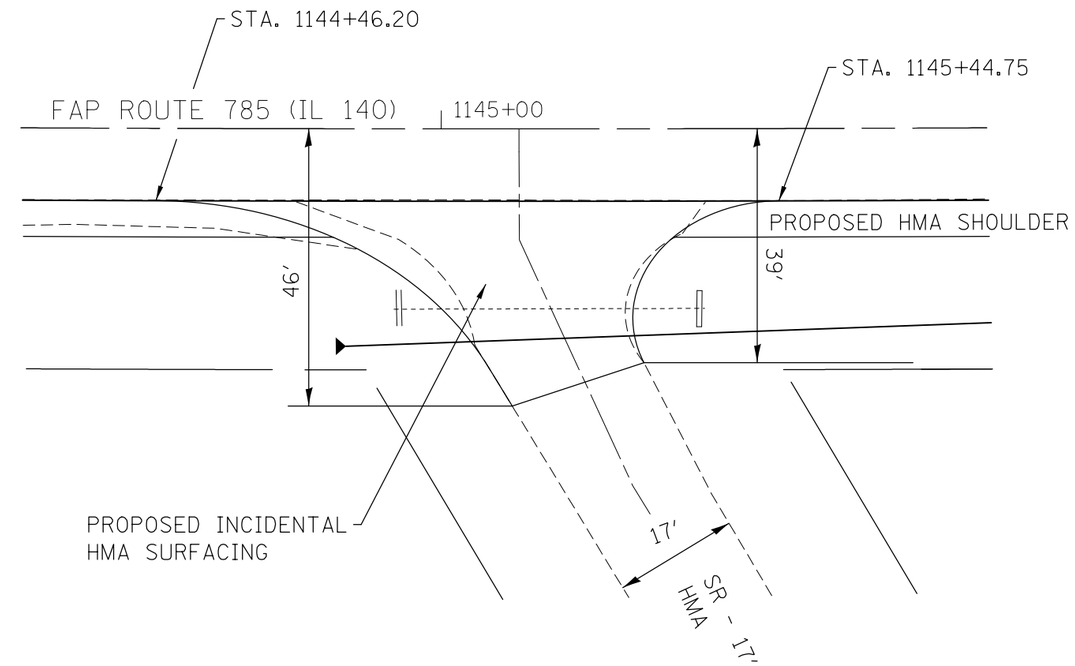


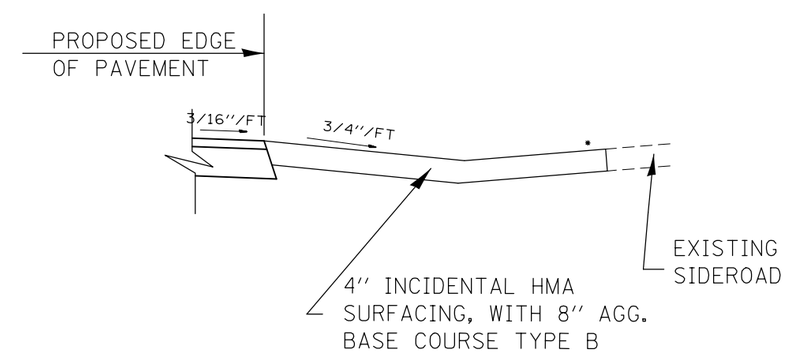


SECTION A-A

* SEE CROSS SECTIONS FOR SLOPE

TYPE OF ENTRANCE	EXISTING MATERIAL	INCIDENTAL HMA SURFACING, (2")	AGGREGATE BSE. CSE TYPE B	AGGREGATE FOR TEMP. ACCESS
PE	AGGREGATE	6 TONS	16 TONS	22 TONS





SECTION A-A

* SEE CROSS SECTIONS FOR SLOPE

TYPE OF ENTRANCE	EXISTING MATERIAL	INCIDENTAL HMA SURFACING, (4")	AGGREGATE BSE. CSE TYPE B	AGGREGATE FOR TEMP. ACCESS	PAVEMENT REMOVAL
SR	HMA	35 TONS	69 TONS	86 TONS	1375 SQ FT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CHK'D / NOTE BOOK NO. / BY / DATE

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: NONE | SHEET NO. 2 OF 2 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	13-BR	MADISON	58	28

CONTRACT NO. 76D49

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

SHEET INDEX		
SHEET NO.	STATION to STATION	DESCRIPTION
1	N/A	COVER
2	N/A	LEGEND/NOTES
3	1141+25.00 to 1146+25.00	PLAT OF HIGHWAYS
4	N/A	TOTAL HOLDING SKETCH
5	N/A	TOTAL HOLDING SKETCH

SPACE RESERVED FOR RECORDING OFFICER

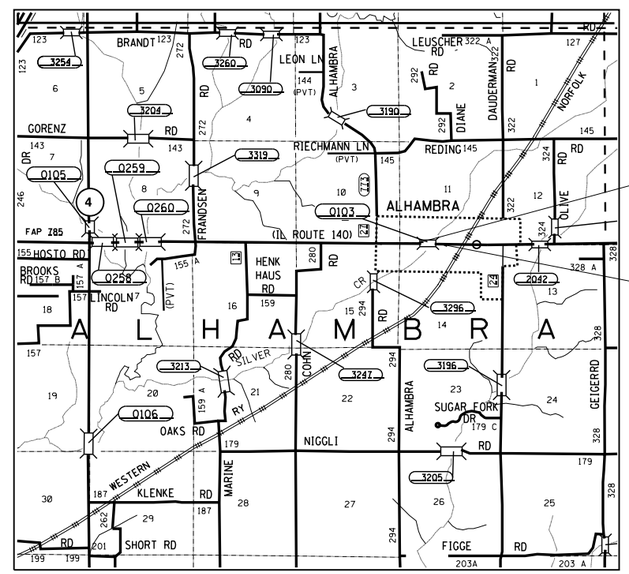
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

FAP ROUTE 785 (IL 140)
SECTION 136–BR
MADISON COUNTY
JOB NO.
R–98–018–11

T. 5 N.

R. 6 W.



BEGIN PROJECT
STA. 1140 + 09.82

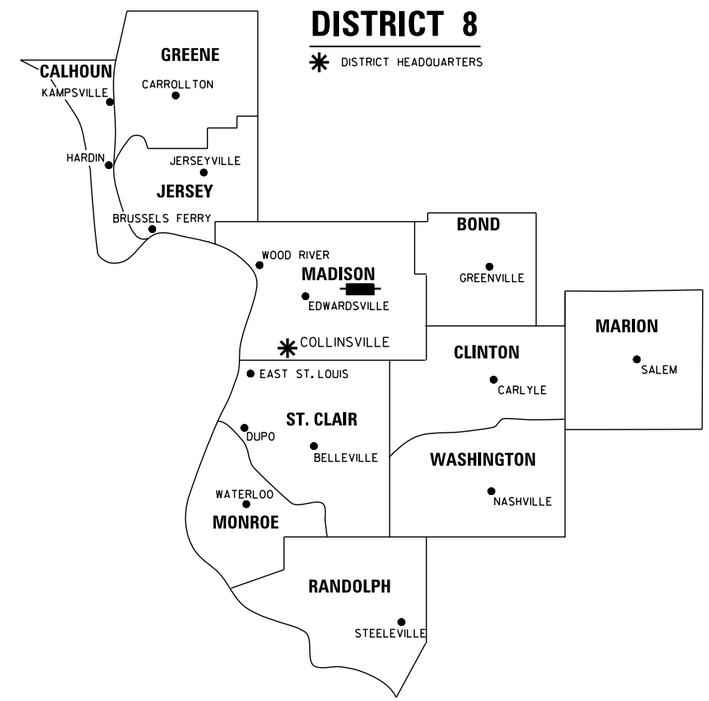
END PROJECT
STA. 1147 + 23.64

N

PROJECT LENGTH = 713.82 LIN. FT. = 0.1352 MILE

DISTRICT 8

✱ DISTRICT HEADQUARTERS



LOCATION OF SECTION INDICATED THUS:

PREPARED BY:

SHERRILL ASSOCIATES, INC.
Engineers - Surveyors - Planners
Professional Design Firm Number 184-001238
316 North Main Street, Edwardsville, IL 62025
2727 Telegraph Road, St. Louis, MO 63125

PROFESSIONAL LAND SURVEYOR
GREGORY S. McVICAR
035-003512
EDWARDSVILLE ILLINOIS
STATE OF ILLINOIS

GREGORY S. McVICAR, PLS NO. 3512
LICENSE EXPIRATION DATE: 11/30/2012

SHEET 1 OF 5

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.-RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	29
		CONTRACT NO. 76D49		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

- TRAFFIC SIGNAL HANDHOLE
- TRAFFIC SIGNAL GULFBOX
- TRAFFIC SIGNAL HANDHOLE
- TRAFFIC SIGNAL SIGNAL POST
- TRAFFIC SIGNAL STEEL MAST ARM
- TRAFFIC SIGNAL COMBINED MAST ARM
- TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON
- TRAFFIC SIGNAL WOODEN POLE
- TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY
- TRAFFIC SIGNAL VEHICLE DETECTION MAGNET
- TRAFFIC SIGNAL JUNCTION BOX
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL HEAVY DUTY HANDHOLE
- RAILROAD CANTILEVER MAST ARM
- RAILROAD CROSSBUCK
- RAILROAD TRACK PATTERN
- RAILROAD ABANDON PATTERN
- RAILROAD CROSSGATE
- RAILROAD CONTROL BOX
- RAILROAD FLASHING SIGNAL
- TELEPHONE SPLICE BOX ABOVE GROUND
- UTILITY POWER POLE
- TELEPHONE POLE
- UTILITY TRAFFIC SIGNAL
- UTILITY LIGHT POLE
- FIRE HYDRANT
- UTILITY MANHOLE
- UTILITY TELEPHONE POLE
- UTILITY GUY POLE
- PIPELINE WARNING SIGN
- UTILITY HANDHOLE
- UTILITY SPLICE ABOVE GROUND
- UTILITY JUNCTION BOX
- UTILITY HEAVY DUTY HANDHOLE
- UTILITY DOUBLE HANDHOLE
- UTILITY CONTROLLER
- UTILITY WATER METER
- DRAINAGE FLOW LINE
- RIP RAP
- HEADWALL
- CULVERT END SECTION
- DRAINAGE MANHOLE
- INLET
- ROADWAY DITCH FLOW
- VEGETATION LINE
- STUMP
- SHRUB
- EVERGREEN TREE
- DECIDUOUS TREE
- WOODS/BUSH PATTERN
- TRAFFIC SIGN
- GAURDRAIL POST
- GAURDRAIL PATTERN
- FIELD LINE
- LEVEE/NOISE BARRIER
- FENCE PATTERN
- MAIL BOX
- ADVERTISING SIGN
- MARSH
- LIGHTING HANDHOLE
- LIGHTING POWER POLE
- LIGHTING JUNCTION BOX
- LIGHTING HEAVYDUTY HANDHOLE
- LIGHTING CONTROLLER
- LIGHTING PULL POINT
- HIGHWAY LIGHTING ELECTRICAL GROUND
- HIGHWAY LIGHTING SINGLE UNIT
- HIGHWAY LIGHTING DOUBLE UNIT
- EXISTING CONCRETE BARRIER
- EXISTING CREEK OR DITCH
- EXISTING EDGE OF PAVEMENT

RIGHT OF WAY LEGEND

SECTION CORNERS — QUARTER SECTION CORNERS

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- FORMER RIGHT OF WAY LINE
- EXISTING IDOT EASEMENT LINE
- EXISTING EASEMENT LINE
- BUILDING SETBACK LINE
- AC — EXISTING ACCESS CONTROL LINE
- AC — EXISTING RIGHT OF WAY & PROPOSED ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY LINE
- FORMER PROPERTY LINE
- FORMER PROPERTY LINE WITHIN RIGHT OF WAY
- APL — APPARENT PROPERTY LINE
- 121.45′ — MEASURED DIMENSION
- (121.45′) — RECORDED DIMENSION
- FOUND STONE
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
- PERMANENT SURVEY MONUMENT. I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
- SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
- FOUND CUT CROSS
- SET CUT CROSS
- SAME OWNERSHIP
- EXISTING BUILDING
- EXISTING CANOPY/OVERHANG
- 12.3′ — EXISTING BUILDING DIMENSIONS/NOTES

■ STAKING OF PROPOSED RIGHT OF WAY CORNERS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE).

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
℄	CENTERLINE
CH	COUNTY HIGHWAY
Ch	CHAIN
DB	DEED BOOK
E	EAST
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAUS	FEDERAL AID URBAN SECONDARY
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m	METER
m²	SQUARE METERS
N	NORTH
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT OF TANGENT
ℙ	PROPERTY LINE
PR	PROPOSED
RD	ROAD
ROW	RIGHT OF WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SQ FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
TWP	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

SPACE RESERVED FOR RECORDING OFFICER

PROPOSED PARCEL NUMBER LEGEND

8001001	PROPOSED FEE SIMPLE ACQUISITION
8001001PE	PROPOSED PERMANENT EASEMENT
8001001TE	PROPOSED TEMPORARY EASEMENT
8001001DED	PROPOSED DEDICATION
8001001AC	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
CB	CHORD BEARING
R	RADIUS OF CURVE
L	CURVE LENGTH
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
e	EXTERNAL
△	CENTRAL ANGLE

TOTAL HOLDING AREA SOURCE TABLE

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS. SEE NOTE ON THE PLAT OF HIGHWAYS.

TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. NO ADDITIONAL ITEMS WERE LOCATED IN THE FIELD BY THE SURVEYOR.

BASIS OF COORDINATE & BEARING STATEMENT

THE PROJECT COORDINATES AND BASIS OF BEARING WERE ESTABLISHED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PROJECT COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 (1997) GROUND COORDINATES. TWO MILLION HAS BEEN TRUNCATED FROM THE EASTING TO DISTINGUISH PROJECT COORDINATES AS GROUND COORDINATES.

PREPARED BY:

SHERRILL ASSOCIATES, INC.
Engineers - Surveyors - Planners
Professional Design Firm Number 184-001238
316 North Main Street, Edwardsville, IL 62025
2727 Telegraph Road, St. Louis, MO 63125

PROFESSIONAL LAND SURVEYOR — GREGORY S. McVICAR — 035-003512 — EDWARDSVILLE ILLINOIS — STATE OF ILLINOIS

GREGORY S. McVICAR, PLS NO. 3512
LICENSE EXPIRATION DATE: 11/30/2012

SHERRILL ASSOCIATES, INC.
Engineers - Surveyors - Planners
Professional Design Firm Number 184-001238
316 North Main Street, Edwardsville, IL 62025
2727 Telegraph Road, St. Louis, MO 63125

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

FAP ROUTE 785 (IL 140)
SECTION 136-BR
MADISON COUNTY
JOB NO. R-98-018-11

GENERAL NOTES AND LEGEND

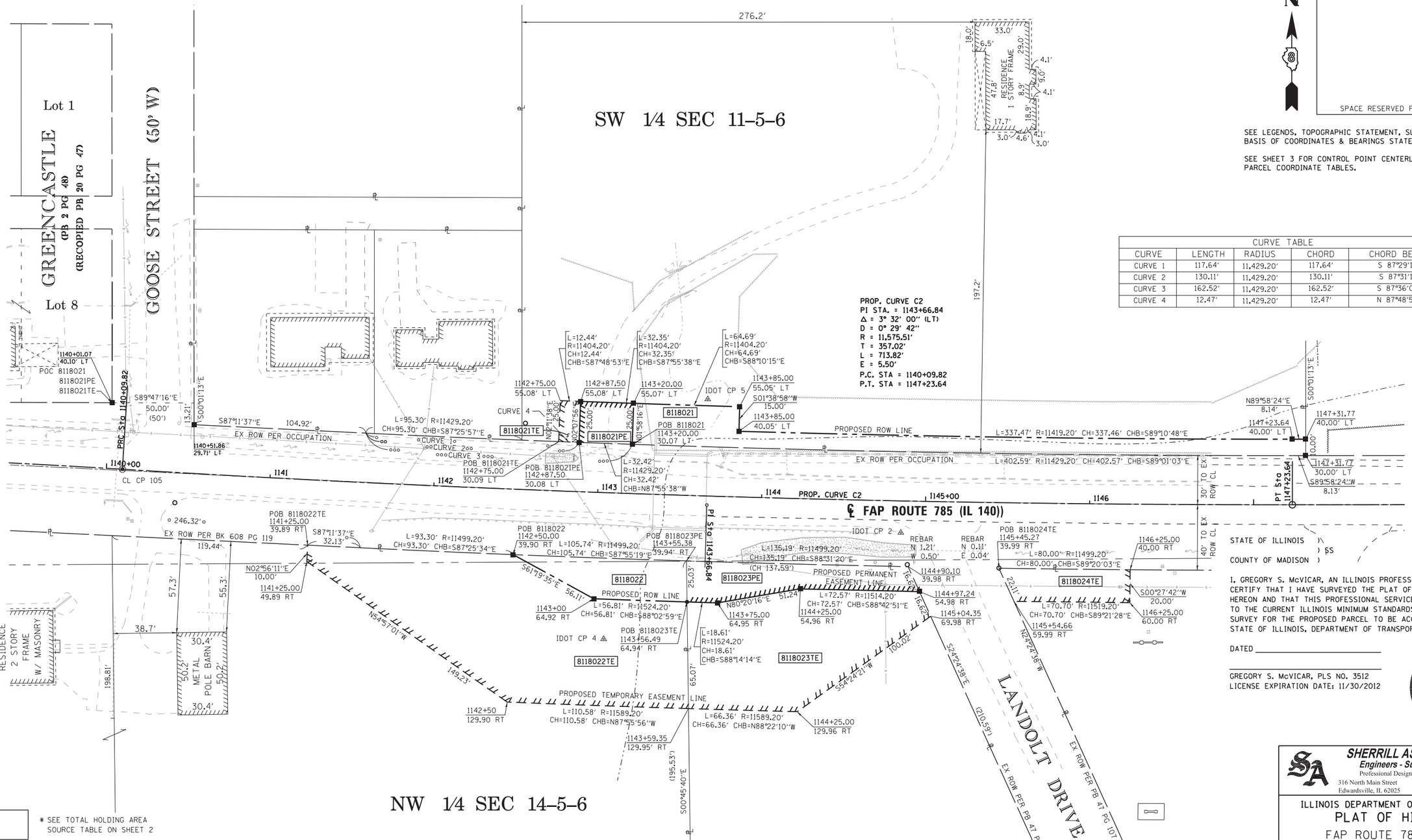
50′ 0 50′ 100′
SCALE: 1″ = 50′

SHEET 2 OF 5

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	30
		CONTRACT NO. 76D49		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



SPACE RESERVED FOR RECORDING OFFICER

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

SEE SHEET 3 FOR CONTROL POINT CENTERLINE AND PARCEL COORDINATE TABLES.

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	CHORD BEARING
CURVE 1	117.64'	11,429.20'	117.64'	S 87°29'19" E
CURVE 2	130.11'	11,429.20'	130.11'	S 87°31'11" E
CURVE 3	162.52'	11,429.20'	162.52'	S 87°36'04" E
CURVE 4	12.47'	11,429.20'	12.47'	N 87°48'53" W

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, GREGORY S. McVICAR, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

_____
GREGORY S. McVICAR, PLS NO. 3512
LICENSE EXPIRATION DATE: 11/30/2012

PROFESSIONAL LAND SURVEYOR
GREGORY S. McVICAR
035-003512
EDWARDSVILLE ILLINOIS
STATE OF ILLINOIS

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING	FEE SIMPLE ACQUISITION		REMAINDER	EASEMENTS PE = PERMANENT TE = TEMPORARY			PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	SQ. FT.	ACRES	ACRES	SQ. FT.	EASEMENT PURPOSE		
8118021	CARLIS L. LAIRSON, JR. AND SHERI L. LAIRSON, HIS WIFE, AS JOINT TENANTS MA-4441.0	4.5573 1	0.1165	5,077	4.4408	PE=0.0186 TE=0.0071	PE=810 TE=311	PE = ENTRANCE/GUARDRAIL CONSTRUCTION & MAINTENANCE TE = GRADING	07-2-11-11-03-301-008	
8118022	MATTHEW U. DUFFIN AND JANE DUFFIN, HUSBAND AND WIFE, AS JOINT TENANTS MA-4443.0	3.2891 1	0.0466	2,031	3.2425	TE=0.3207	TE=13,968	TE = RUN AROUND CONSTRUCTION & GRADING	07-1-11-14-00-000-002.001	
8118023	THE TOWNSHIP OF ALHAMBRA MA-4442.0	0.8121 1	N/A	N/A	0.8121	PE=0.0577 TE=0.1878	PE=2,516 TE=8,183	PE = HIGHWAY PURPOSES TE = RUN AROUND CONSTRUCTION & GRADING	07-1-11-14-00-000-002(PT)	
8118024	THE TOWNSHIP OF ALHAMBRA, AN ILLINOIS MUNICIPAL CORPORATION MA-4457.0	48.1836 1	N/A	N/A	48.1836	TE=0.0346	TE=1,507	TE = GRADING	07-1-11-14-00-000-002(PT)	

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: ROW STAKING:

SHERRILL ASSOCIATES, INC.
Engineers - Surveyors - Planners
Professional Design Firm Number 184-001238
316 North Main Street, Edwardsville, IL 62025
2727 Telegraph Road, St. LTouis, MO 63125

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 785 (IL 140)
SECTION 136-BR
MADISON COUNTY
JOB NO. R-98-018-11

STATION 1141+25.00 TO STATION 1146+25.00

30' 0 30' 60'
SCALE: 1" = 30' SHEET 3 OF 5

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	31
		CONTRACT NO. 76D49		

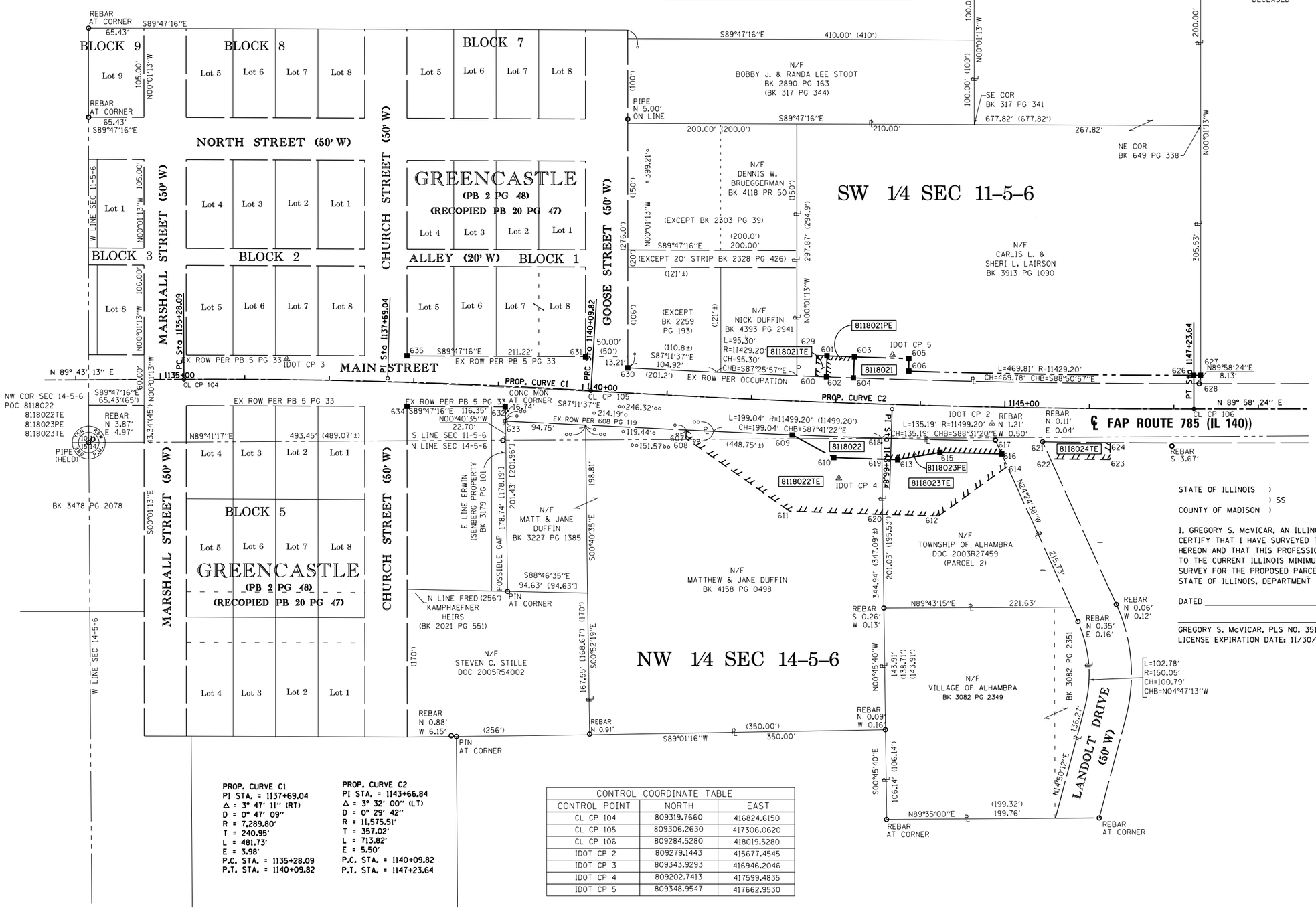
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

N

SPACE RESERVED FOR RECORDING OFFICER

CENTERLINE COORDINATE TABLE		
STATION	NORTH	EAST
PI - 1137+69.04	809320.9788	417065.5785
PC - 1135+28.09	809319.8020	416824.6282
PRC - 1140+09.82	809306.2420	417306.0806
PI - 1143+66.84	809284.4063	417662.4346
PT - 1147+23.64	809284.5732	418019.4569



PARCEL COORDINATE TABLE		
POINT	NORTH	EAST
600	809323.119	417572.0761
601	809347.6262	417585.4647
602	809322.6435	417584.5346
603	809346.4563	417617.7888
604	809321.4711	417616.9289
605	809344.3914	417682.4466
606	809329.3977	417682.0148
607	809259.9308	417419.0322
608	809249.9439	417418.5199
609	809254.1678	417544.33
610	809227.2437	417593.5617
611	809164.2414	417540.6903
612	809158.3624	417717.5552
613	809224.738	417668.9406
614	809216.5765	417798.8856
615	809233.3384	417719.4551
616	809231.7096	417792.0176
617	809246.8472	417785.1475
618	809250.3336	417650.003
619	809225.3106	417650.3354
620	809160.2512	417651.1997
621	809245.8781	417840.4957
622	809225.7417	417849.6345
623	809224.9491	417920.3336
624	809244.9484	417920.4947
626	809324.5685	418019.4383
627	809324.5723	418027.5735
628	809314.5723	418027.5771
629	809348.1006	417573.0332
630	809333.4107	417349.756
631	809346.8036	417299.7512
632	809287.1546	417204.9016
633	809270.4175	417205.0993
634	809287.5856	417088.5539
635	809347.5861	417088.5327

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, GREGORY S. McVICAR, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

GREGORY S. McVICAR, PLS NO. 3512
LICENSE EXPIRATION DATE: 11/30/2012

PROFESSIONAL LAND SURVEYOR
GREGORY S. McVICAR
035-003512
EDWARDSVILLE ILLINOIS
STATE OF ILLINOIS

PROP. CURVE C1
PI STA. = 1137+69.04
Δ = 3° 47' 11" (RT)
D = 0° 47' 09"
R = 7,289.80'
T = 240.95'
L = 481.73'
E = 3.98'
P.C. STA. = 1135+28.09
P.T. STA. = 1140+09.82

PROP. CURVE C2
PI STA. = 1143+66.84
Δ = 3° 32' 00" (LT)
D = 0° 29' 42"
R = 11,575.51'
T = 357.02'
L = 713.82'
E = 5.50'
P.C. STA. = 1140+09.82
P.T. STA. = 1147+23.64

CONTROL COORDINATE TABLE		
CONTROL POINT	NORTH	EAST
CL CP 104	809319.7660	416824.6150
CL CP 105	809306.2630	417306.0620
CL CP 106	809284.5280	418019.5280
IDOT CP 2	809279.1443	415677.4545
IDOT CP 3	809343.9293	416946.2046
IDOT CP 4	809202.7413	417599.4835
IDOT CP 5	809348.9547	417662.9530

SHERRILL ASSOCIATES, INC.
Engineers - Surveyors - Planners
Professional Design Firm Number 184-001238
316 North Main Street, Edwardsville, IL 62025
2727 Telegraph Road, St. LTouis, MO 63125

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 785 (IL 140)
SECTION 136-BR
MADISON COUNTY
JOB NO. R-98-018-11

TOTAL HOLDING

60' 0 60' 120'
SCALE: 1" = 60'

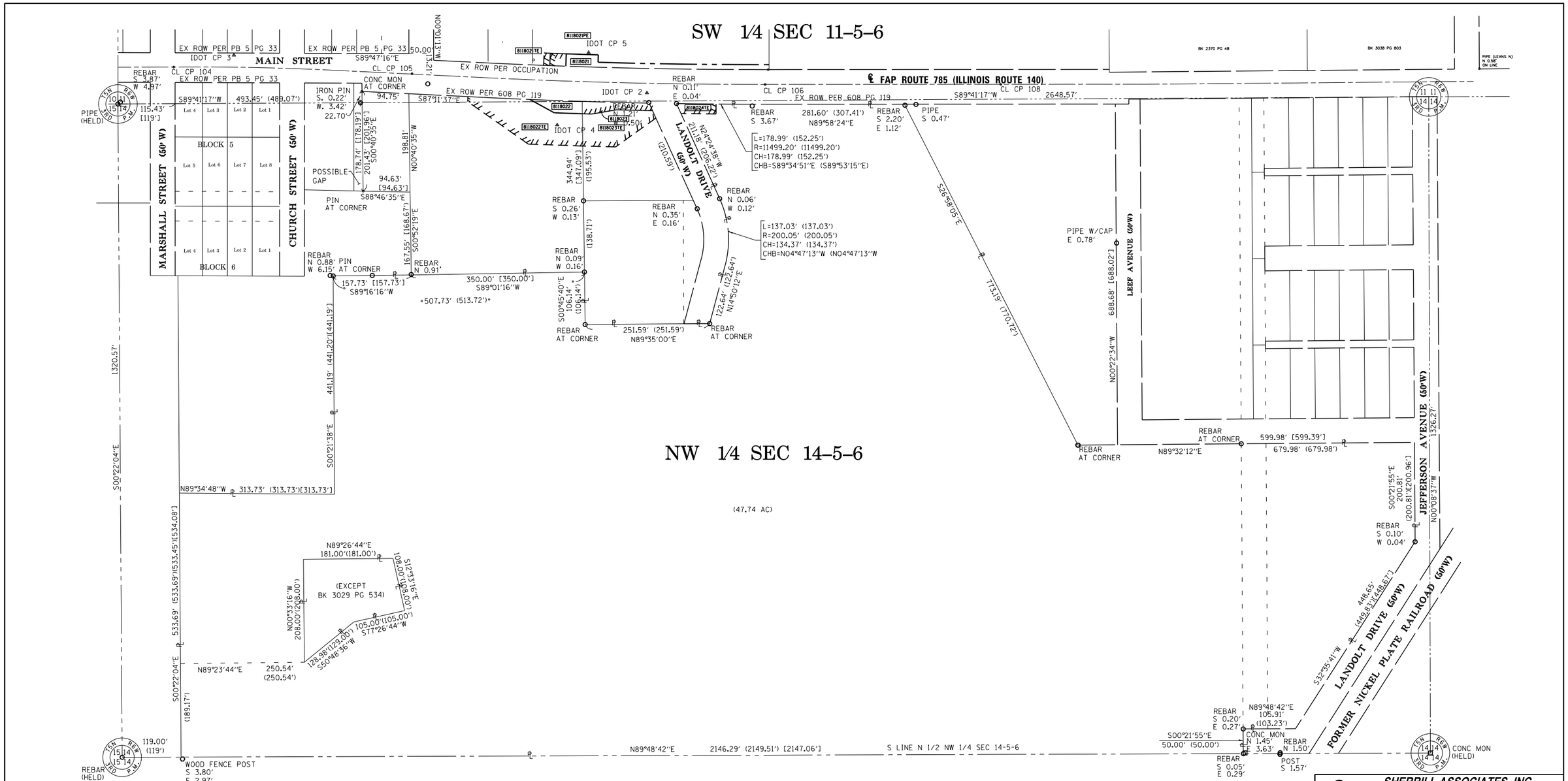
SHEET 4 OF 5

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	32
		CONTRACT NO. 76D49		

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY:	ROW STAKING:



NOTES:
[XXX.XX'] DENOTES MEASUREMENT PER PLAT OF SURVEY RECORED IN PLAT BOOK 43 PAGE 89

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

SPACE RESERVED FOR RECORDING OFFICER

N

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, GREGORY S. McVICAR, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

_____
GREGORY S. McVICAR, PLS NO. 3512
LICENSE EXPIRATION DATE: 11/30/2012

PROFESSIONAL LAND SURVEYOR
GREGORY S. McVICAR
035-003512
EDWARDSVILLE
ILLINOIS
STATE OF ILLINOIS

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY:	ROW STAKING:

SHERRILL ASSOCIATES, INC.
Engineers - Surveyors - Planners
Professional Design Firm Number 184-001238
316 North Main Street, Edwardsville, IL 62025
2727 Telegraph Road, St. LTouis, MO 63125

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

FAP ROUTE 785 (IL 140)
SECTION 136-BR
MADISON COUNTY
JOB NO. R-98-018-11

TOTAL HOLDING

100' 0 100' 200'
SCALE: 1" = 100'

SHEET 5 OF 5

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	33

CONTRACT NO. 76D49

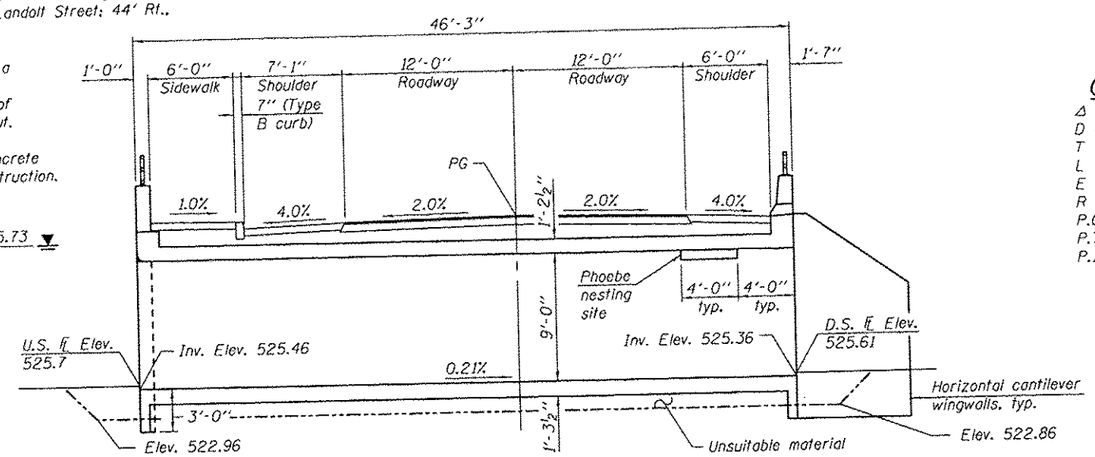
FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

Bench Mark: Cut "X" on northwesterly flange bolt of a fire hydrant at the southwest quadrant of IL Rte. 140 and Landolt Street; 44' Rt., Sta. 1144+67, Elev. 536.01

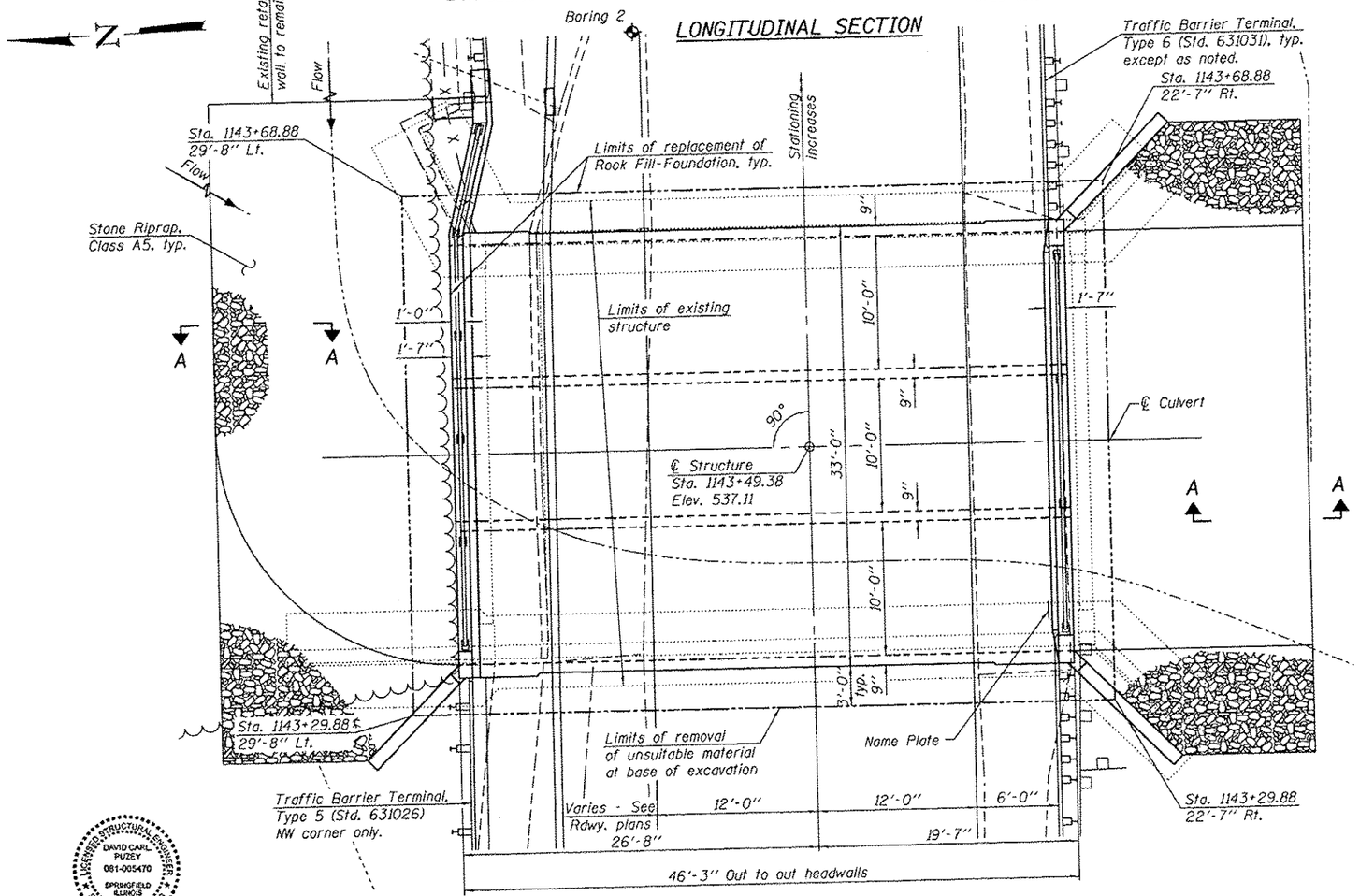
Existing structure: Structure No. 060-0103 is a single span slab bridge on closed abutments. The structure length is 32' long back to back of abutments and has a width of 46'-5" out to out. Bridge width includes a 4' sidewalk. There is an HMA wearing surface of 6.75" over the concrete deck. Traffic will be detoured during the construction.

Salvage: None

D.H.W. Elev. 535.73



LONGITUDINAL SECTION



PLAN

CURVE DATA

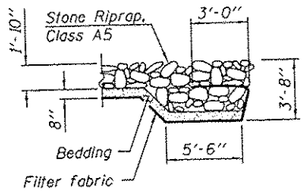
Δ = 3° 32' 00" Lt.
D = 0° 29' 42"
T = 357.02'
L = 713.82'
E = 5.50'
R = 11,575.51'
P.C. = Sta. 1140+09.82
P.T. = Sta. 1147+23.64
P.I. = Sta. 1143+66.84

INDEX OF SHEETS

1 - General Plan & Elevation
2 - General Data
3 - Culvert Details - Top Slab Plan
4 - Culvert Details - Bottom Slab Plan
5 - Culvert Details - Longitudinal Section & Details
6 - Culvert Details - Sections thru Barrels
7 - Culvert Details - North End View & Details
8 - Culvert Details - South End View
9 - Culvert Details - Northeast Wingwall
10 - Culvert Details - Wingwall Details
11 - Culvert Details - Parapet Railing
12 - Soil Boring Logs

STATION 1143+49.38
BUILT 201 BY
STATE OF ILLINOIS
F.A.P. RT. 785 SEC. 136-BR
LOADING HL-93
STRUCTURE NO. 060-2051

NAME PLATE
See Std. 515001

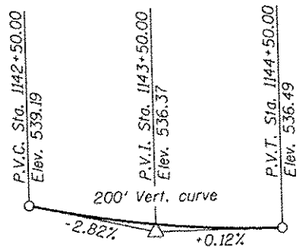


SECTION A-A

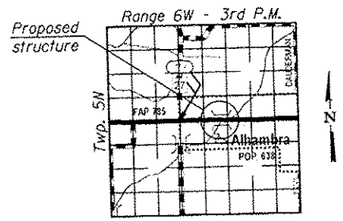
LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS
2012 AASHTO LRFD Bridge Design Specifications, 6th Edition

DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)



PROFILE GRADE
(Along ℄ roadway)



LOCATION SKETCH

GENERAL PLAN & ELEVATION
IL ROUTE 140 OVER
UNNAMED STREAM
F.A.P. RTE. 785 - SEC. 136-BR
MADISON COUNTY
STATION 1143+49.38
STRUCTURE NO. 060-2051

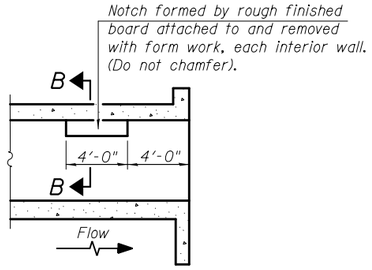
LICENSED STRUCTURAL ENGINEER DAVID CARL PUZEY 081-005470 SPRINGFIELD ILLINOIS STATE OF ILLINOIS

EXPIRES 11-30-2014

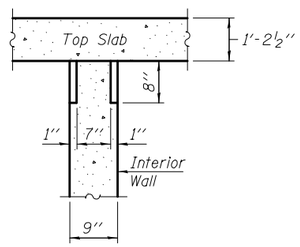
DESIGNED -	EXAMINED	DATE - FEBRUARY 1, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
CHECKED -	PASSED	REVISED	
DRAWN - MICHAEL B. MOSSMAN	ACTING ENGINEER OF BRIDGE DESIGN	REVISED	
CHECKED -	ACTING ENGINEER OF BRIDGES AND STRUCTURES		

SHEET NO. 1 OF 12 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	34
		CONTRACT NO. 76D49		
		ILLINOIS FED. AID PROJECT		



LONGITUDINAL SECTION



SECTION B-B

PHOEBE NESTING SITE DETAILS

(Downstream End Only)

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	U.S.	D.S.
	522.46	522.36

GENERAL NOTES

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.

All construction joints shall be bonded.

Precast alternate is not allowed.

WATERWAY INFORMATION

Drainage Area = 4.06 sq. mi.

Existing overtopping Elev. 536.31 ft. @ Sta. 1147+50
Proposed overtopping Elev. 536.31 ft. @ Sta. 1147+50

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	1070	227	270	534.82	0.89	0.00	535.71	534.82
Design	50	1730	227	270	535.73	1.14	0.52	536.87	536.25
Base	100	2030	227	270	536.05	1.49	1.32	537.54	537.37
Overtopping (E)	15	1180	227	-	535.10	1.26	-	536.36	-
Overtopping (P)	55	1750	-	270	535.76	-	0.59	-	536.35
Max. Calc.	500	-	-	-	-	-	-	-	-

10 year outlet velocity from existing structure = 6.90 fps
10 year outlet velocity from proposed structure = 3.96 fps

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal and Disposal of Unsuitable Material	Cu. Yd.		168	168
Stone Riprap, Class A5	Sq. Yd.		453.2	453.2
Filter Fabric	Sq. Yd.		453.2	453.2
Removal of Existing Structures	Each			1
Concrete Superstructure	Cu. Yd.	7.8		7.8
Reinforcement Bars, Epoxy Coated	Pound		38,140	38,140
Parapet Railing	Foot	69		69
Name Plates	Each			1
Concrete Box Culverts	Cu. Yd.		238.2	238.2
Rock Fill - Foundation	Cu. Yd.		59	59

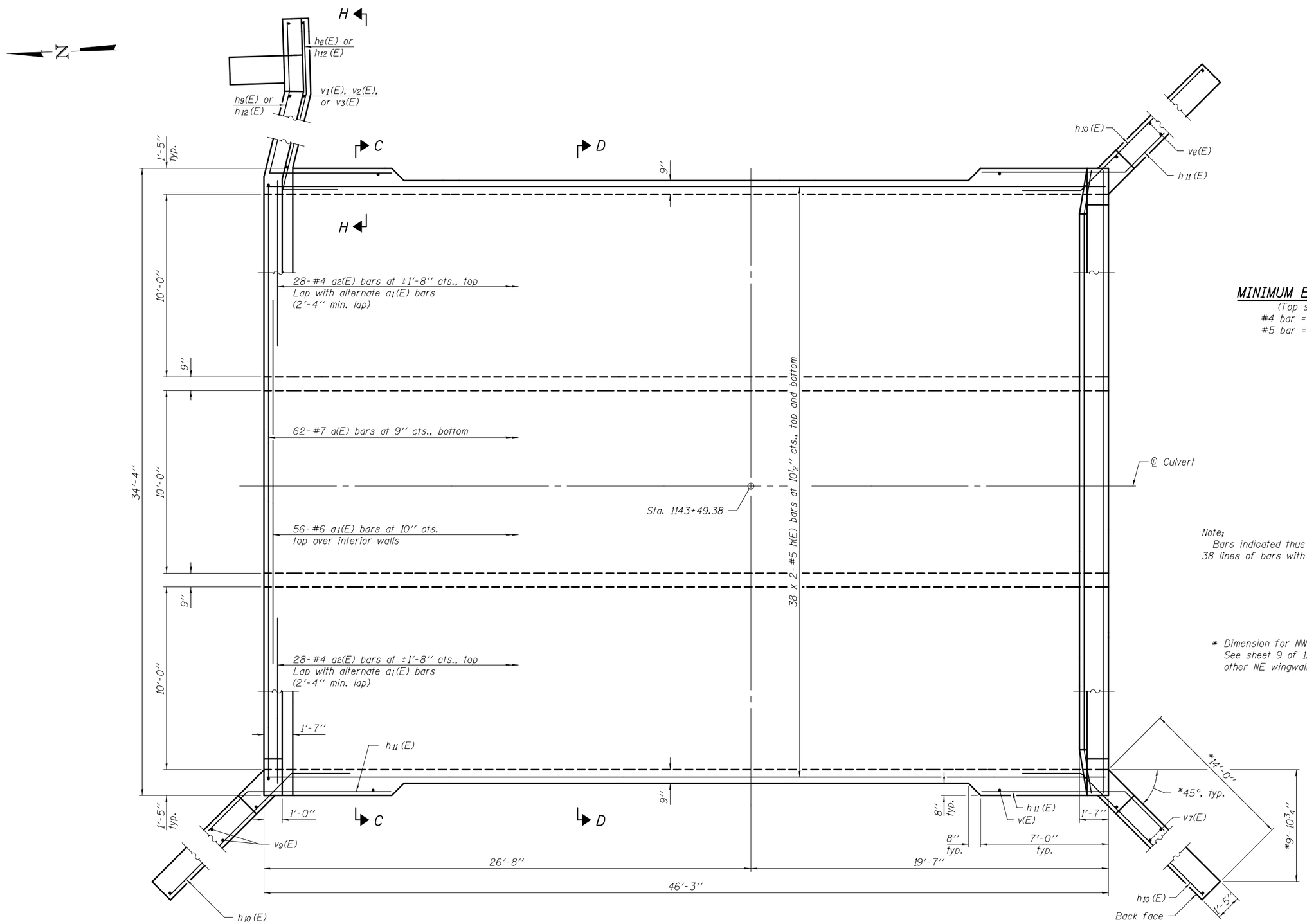
DESIGNED - SEAN CHAU	EXAMINED	DATE - FEBRUARY 1, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
CHECKED - PAUL GURKLYS	ACTING ENGINEER OF BRIDGE DESIGN		
DRAWN - MICHAEL B. MOSSMAN	PASSED	REVISED	
CHECKED - S.C. / P.G.	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

GENERAL DATA
STRUCTURE NO. 060 - 2051
SHEET NO. 2 OF 12 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	35

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT



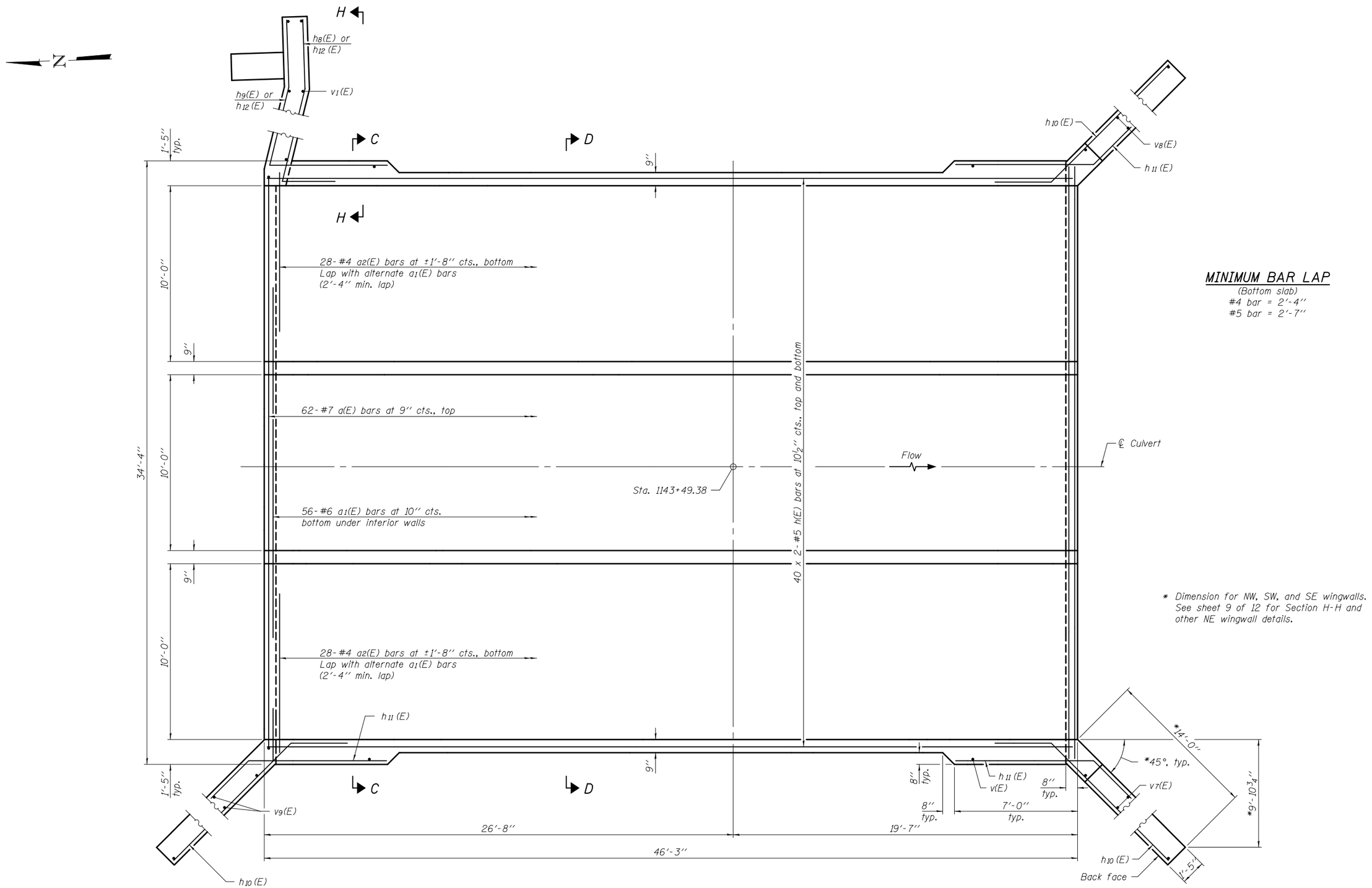
MINIMUM BAR LAP

(Top slab)
#4 bar = 2'-4"
#5 bar = 2'-7"

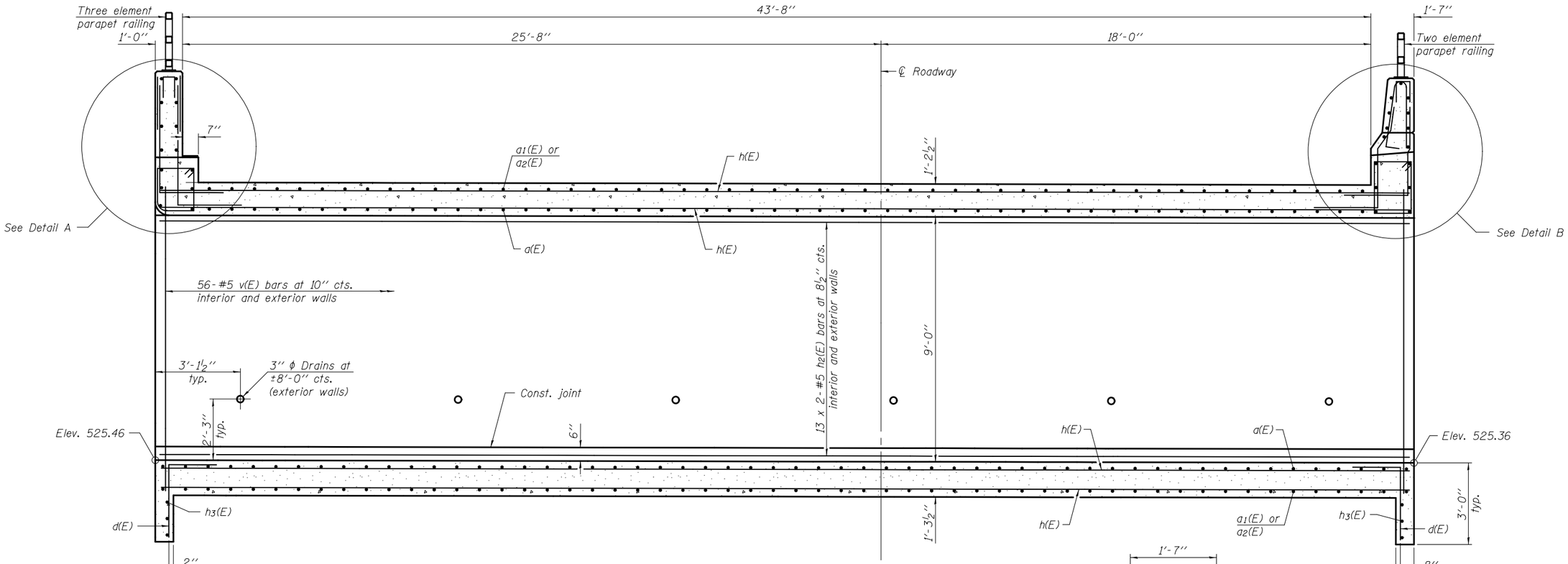
Note:
Bars indicated thus 38 x 2-#5, etc. indicates 38 lines of bars with 2 lengths per line.

* Dimension for NW, SW, and SE wingwalls. See sheet 9 of 12 for Section H-H and other NE wingwall details.

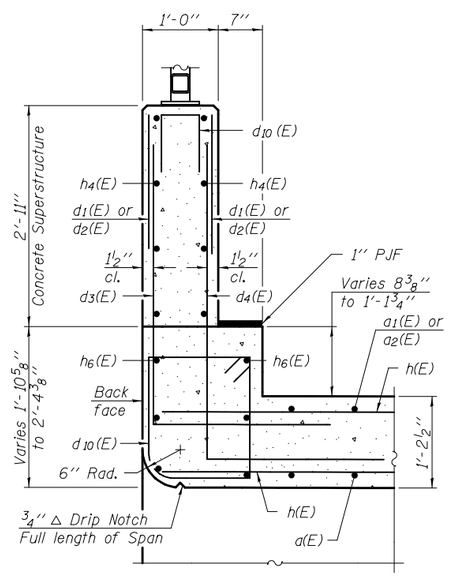
DESIGNED - SEAN CHAU	EXAMINED	ACTING ENGINEER OF BRIDGE DESIGN	DATE - FEBRUARY 1, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT DETAILS – TOP SLAB PLAN STRUCTURE NO. 060 – 2051	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - PAUL GURKLYS						785	136-BR	MADISON	58	36
DRAWN - MICHAEL B. MOSSMAN	PASSED	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED					CONTRACT NO. 76D49		
CHECKED - S.C. / P.G.			REVISED		SHEET NO. 3 OF 12 SHEETS			ILLINOIS FED. AID PROJECT		



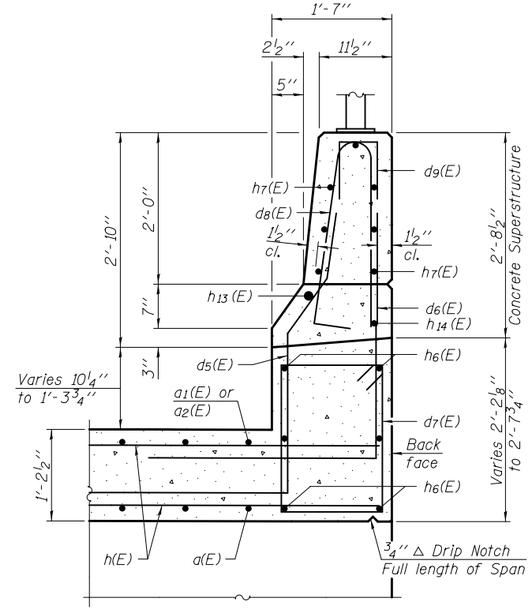
DESIGNED - SEAN CHAU	EXAMINED	ACTING ENGINEER OF BRIDGE DESIGN	DATE - FEBRUARY 1, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT DETAILS – BOTTOM SLAB PLAN STRUCTURE NO. 060 – 2051	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - PAUL GURKLYS						785	136-BR	MADISON	58	37
DRAWN - MICHAEL B. MOSSMAN	PASSED	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED		SHEET NO. 4 OF 12 SHEETS			CONTRACT NO. 76D49		
CHECKED - S.C. / P.G.			REVISED				ILLINOIS	FED. AID PROJECT		



LONGITUDINAL SECTION



DETAIL A



DETAIL B

MINIMUM BAR LAP
(Interior and exterior walls)
#5 bar = 2'-7"

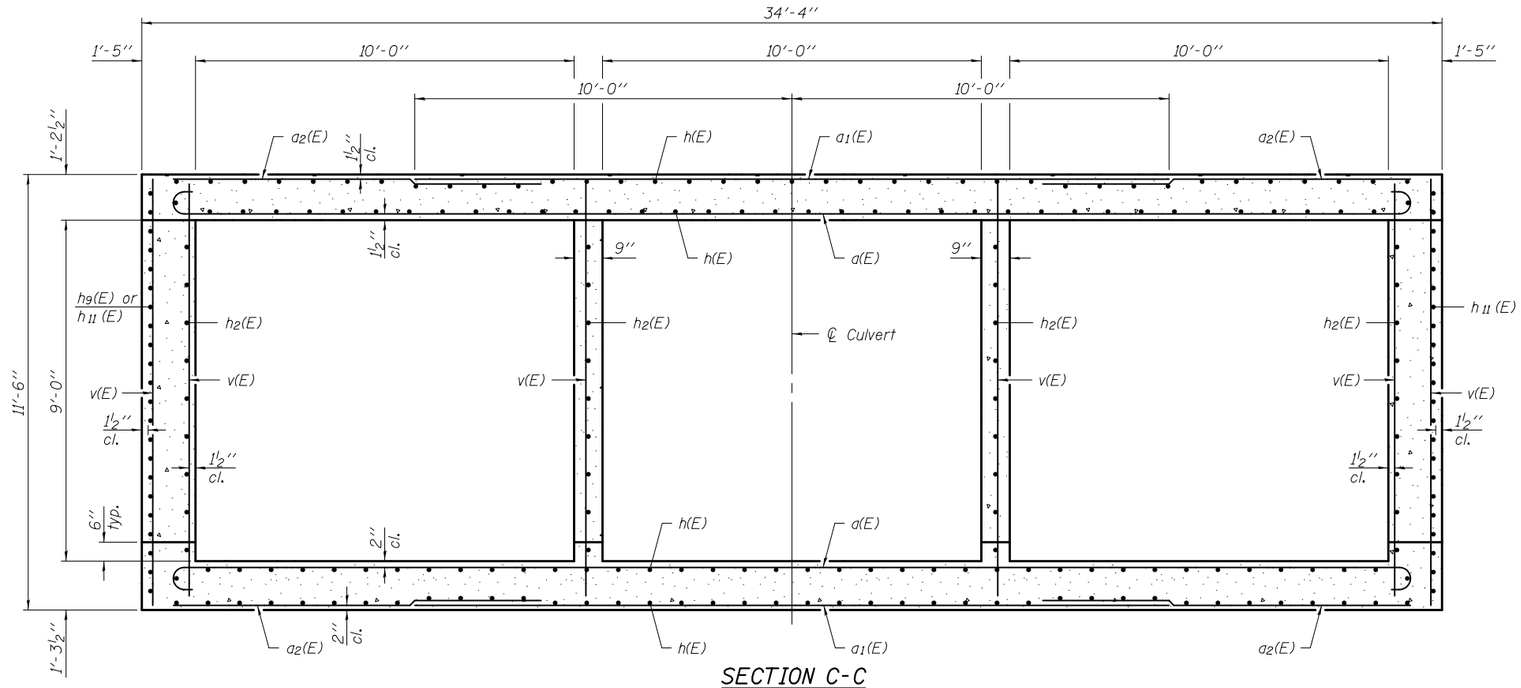
DESIGNED - SEAN CHAU	EXAMINED	DATE - FEBRUARY 1, 2013	
CHECKED - PAUL GURKLYS	ACTING ENGINEER OF BRIDGE DESIGN		
DRAWN - MICHAEL B. MOSSMAN	PASSED	REVISED	
CHECKED - S.C. / P.G.	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS – LONGITUDINAL SECTION & DETAILS
STRUCTURE NO. 060 – 2051

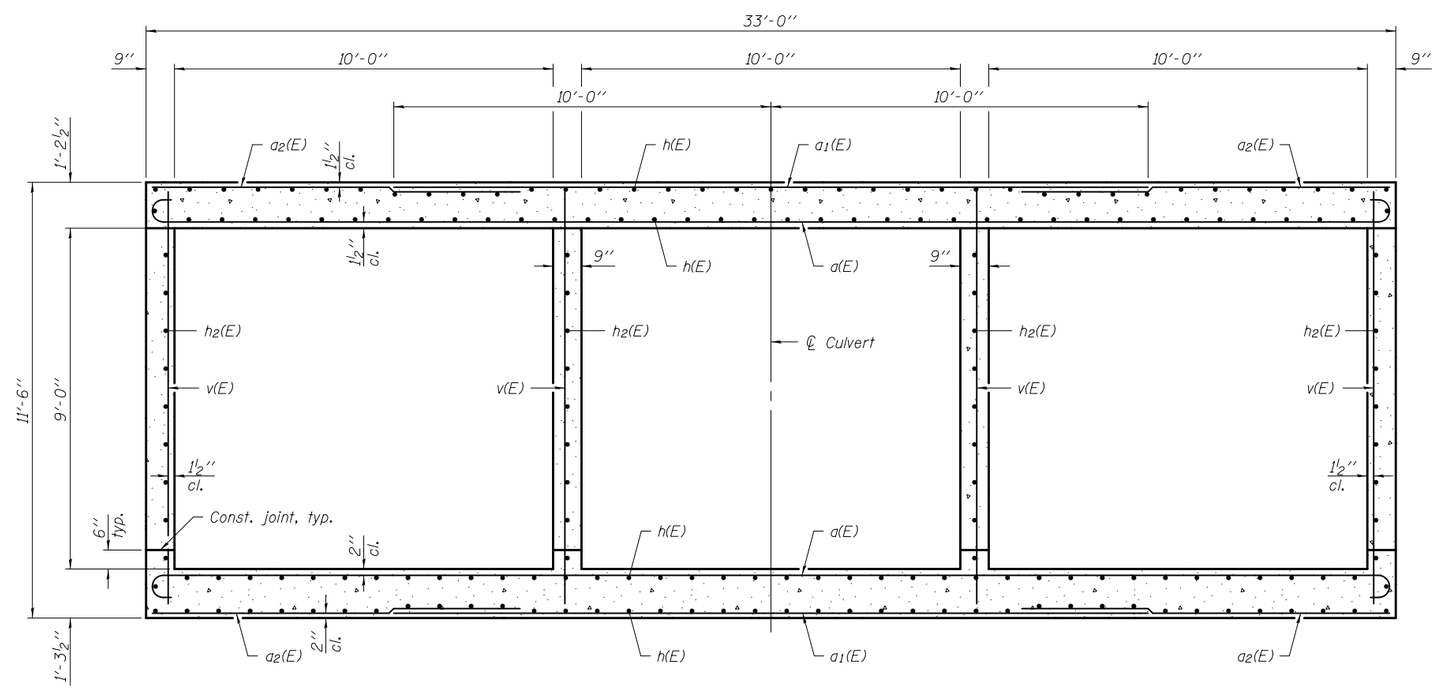
SHEET NO. 5 OF 12 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	38
		CONTRACT NO. 76D49		
		ILLINOIS FED. AID PROJECT		



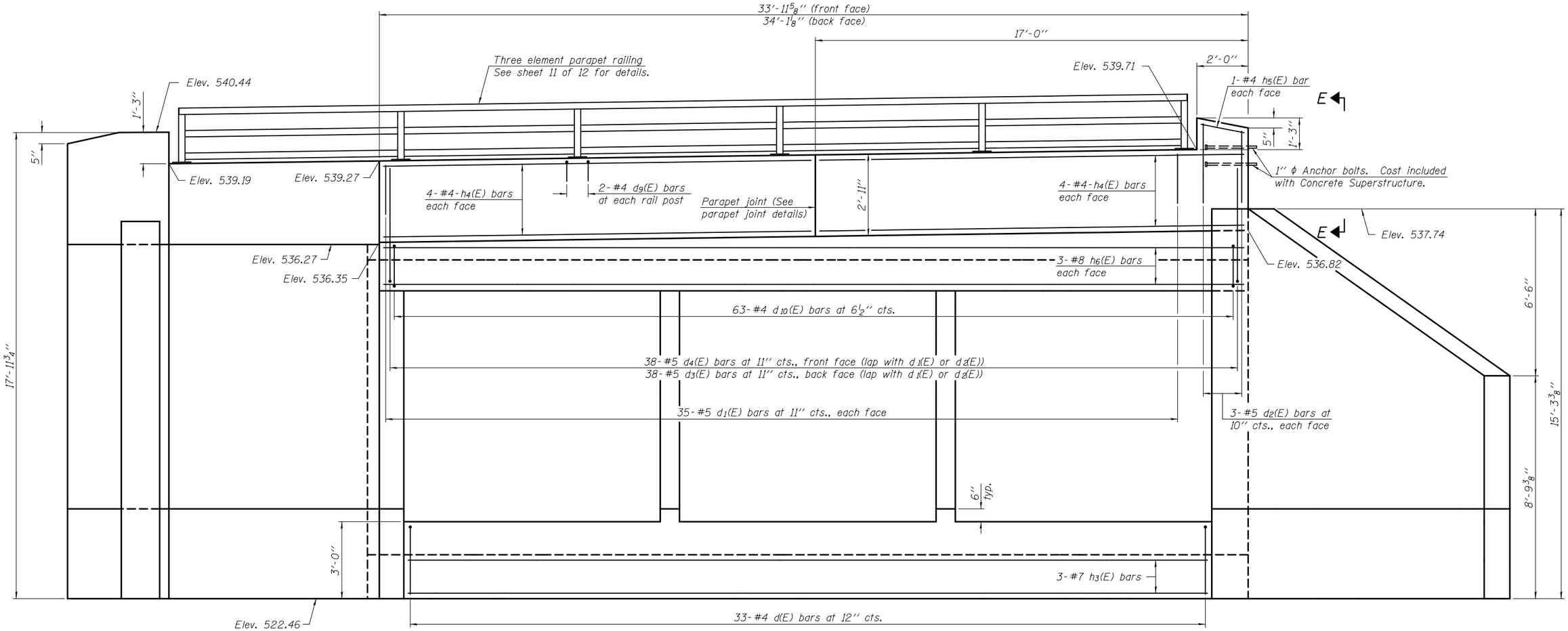
SECTION C-C

(Near ends)



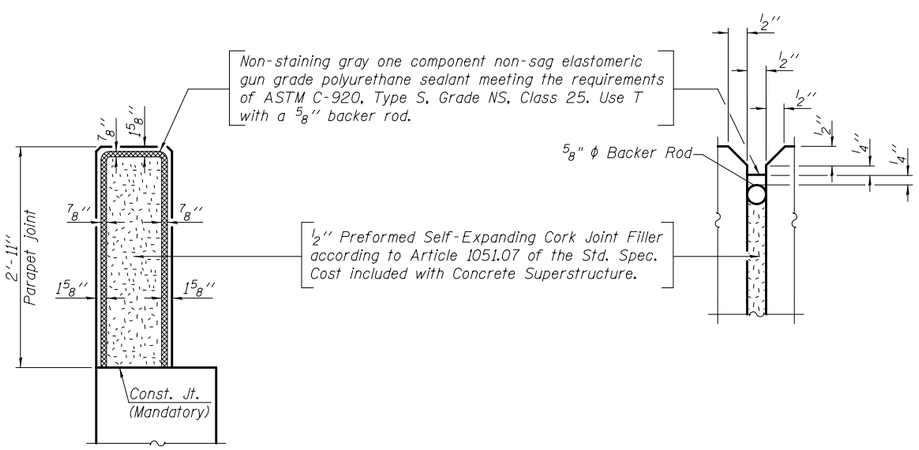
SECTION D-D

DESIGNED - SEAN CHAU	EXAMINED	ACTING ENGINEER OF BRIDGE DESIGN	DATE - FEBRUARY 1, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT DETAILS - SECTIONS THRU BARRELS STRUCTURE NO. 060 - 2051	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
CHECKED - PAUL GURKLYS						785	136-BR	MADISON	58 / 39
DRAWN - MICHAEL B. MOSSMAN	PASSED	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED					CONTRACT NO. 76D49	
CHECKED - S.C. / P.G.			REVISED		SHEET NO. 6 OF 12 SHEETS		ILLINOIS	FED. AID PROJECT	

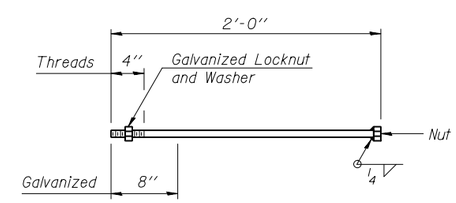


NORTH END VIEW

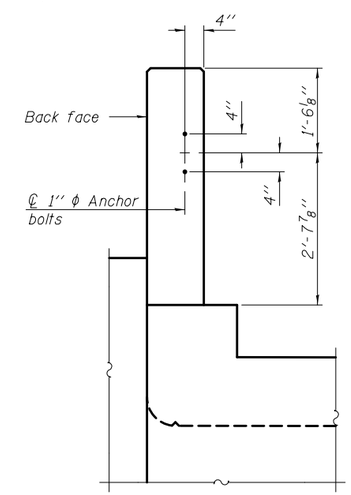
(Showing headwall reinforcement, cutoff wall reinforcement, and wingwall dimensions)



PARAPET JOINT DETAILS



1" ϕ ANCHOR BOLT



VIEW E-E

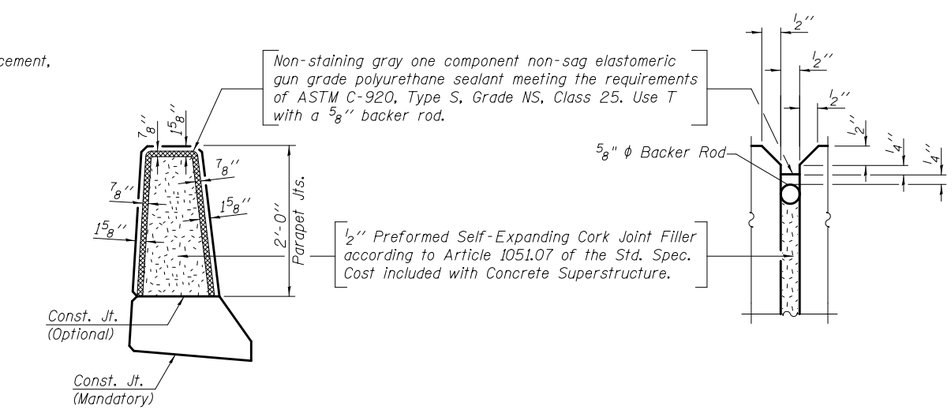
DESIGNED - SEAN CHAU	EXAMINED	ACTING ENGINEER OF BRIDGE DESIGN	DATE - FEBRUARY 1, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT DETAILS – NORTH END VIEW & DETAILS STRUCTURE NO. 060 – 2051
CHECKED - PAUL GURKLYS					
DRAWN - MICHAEL B. MOSSMAN	PASSED	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED		
CHECKED - S.C. / P.G.			REVISED		SHEET NO. 7 OF 12 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	40
		CONTRACT NO. 76D49		
		ILLINOIS FED. AID PROJECT		

34'-4"
17'-2"
17'-2"
2'-0"
2'-0"
Parapet joint (See parapet joint details)
**38-#5 d_8(E) bars at 11" cts.
Two element parapet railing
See sheet 11 of 12 for details.
5"
5"
1-#4 h_{14}(E) bar (back face)
1-#8 h_{13}(E) bar (front face)
*7-#4 h_7(E) bars (See Detail B on sheet 5 of 12)
2-#4 d_9(E) bars at each rail post
2'-8½"
Elev. 537.01
Elev. 536.54
6'-6"
14'-7¾"
8'-1¾"
3-#8 h_6(E) bars each face
38-#5 d_5(E) bars at 11" cts., front face
38-#5 d_6(E) bars at 11" cts., back face
64-#4 d_7(E) bars at 6½" cts.
6" typ.
6'-6"
14'-2⅛"
7'-8⅛"
3'-0"
3-#7 h_3(E) bars
Elev. 522.36
33-#4 d(E) bars at 12" cts.

SOUTH END VIEW

(Showing headwall reinforcement, cutoff wall reinforcement, and wingwall dimensions)



PARAPET JOINT DETAILS

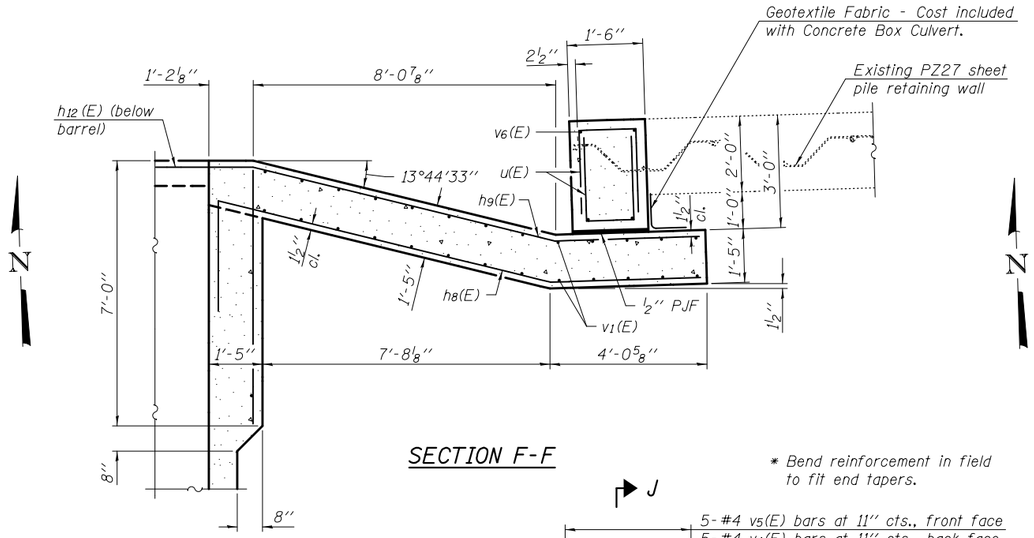
* Bend reinforcement in field to fit end tapers.

** Cut 3-#5 d_8(E) bars to fit end tapers, each end.

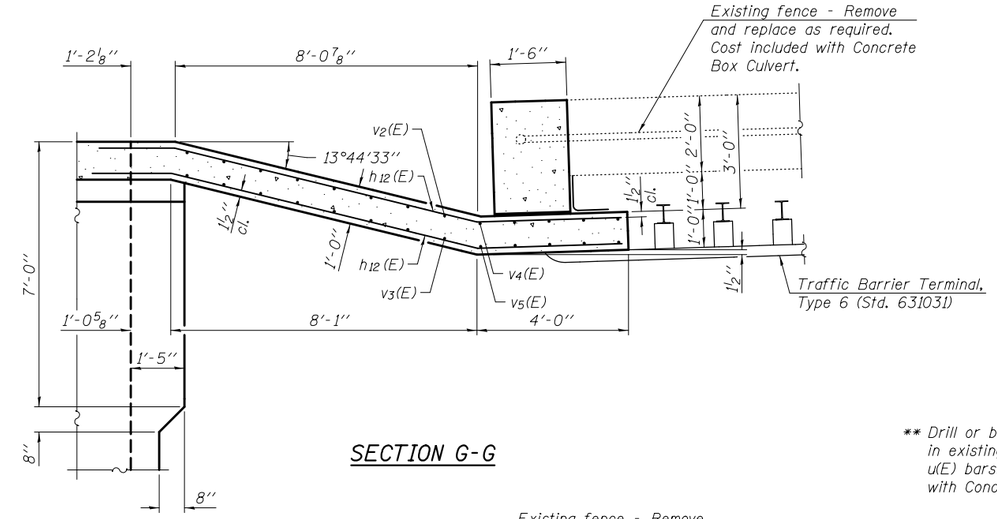
DESIGNED - SEAN CHAU	EXAMINED	DATE - FEBRUARY 1, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
CHECKED - PAUL GURKLYS	ACTING ENGINEER OF BRIDGE DESIGN		
DRAWN - MICHAEL B. MOSSMAN	PASSED	REVISED	
CHECKED - S.C. /P.G.	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

CULVERT DETAILS – SOUTH END VIEW
STRUCTURE NO. 060 – 2051
SHEET NO. 8 OF 12 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	41
		CONTRACT NO. 76D49		
	ILLINOIS	FED. AID PROJECT		



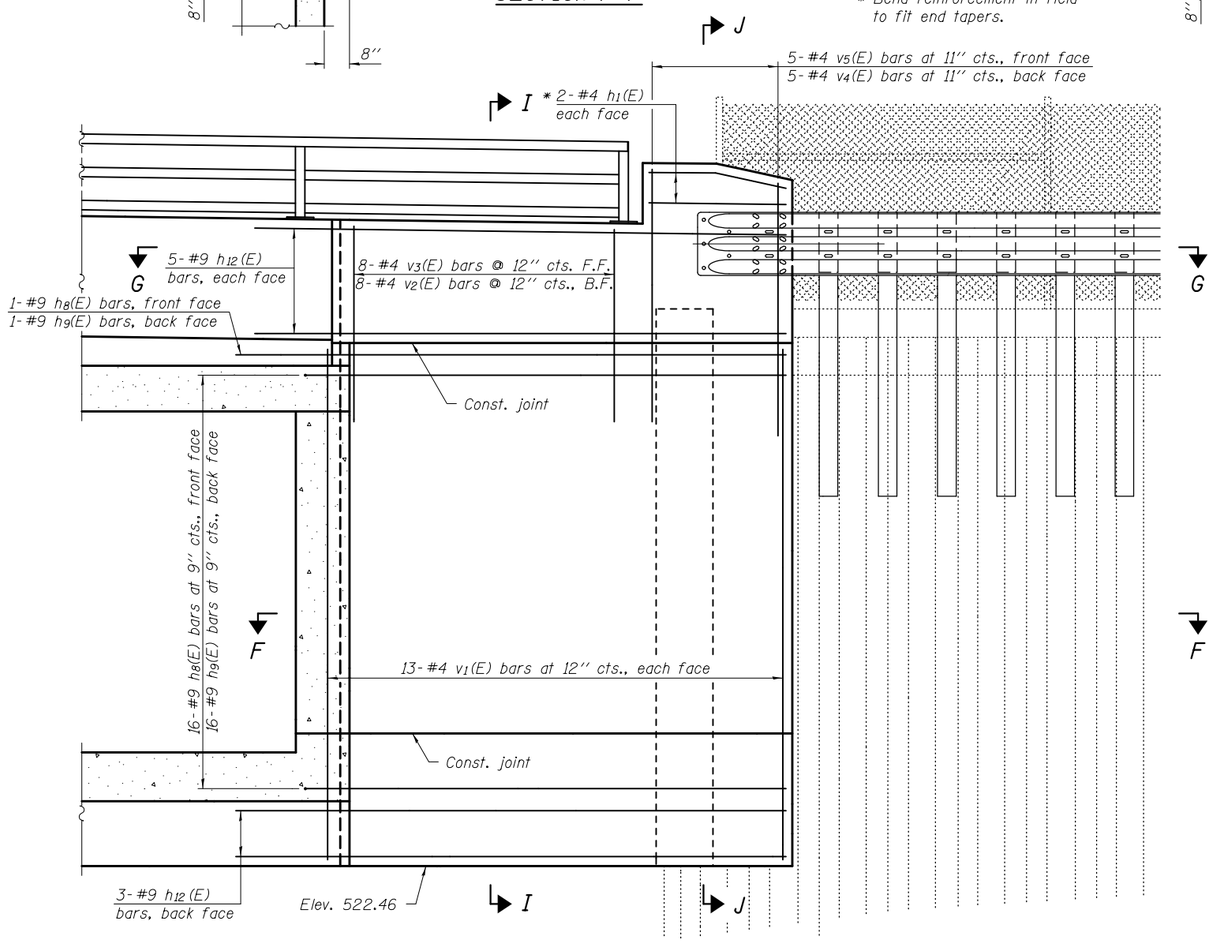
SECTION F-F



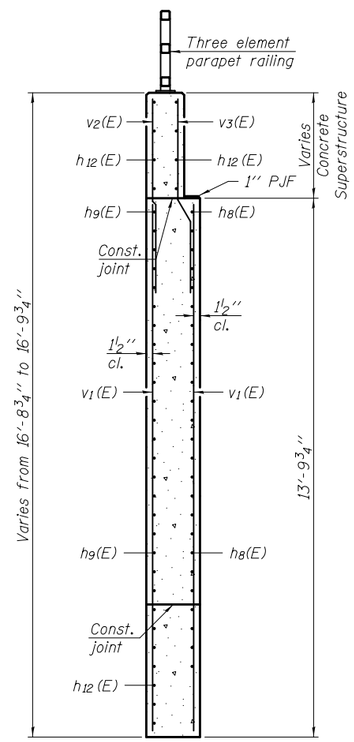
SECTION G-G

* Bend reinforcement in field to fit end tapers.

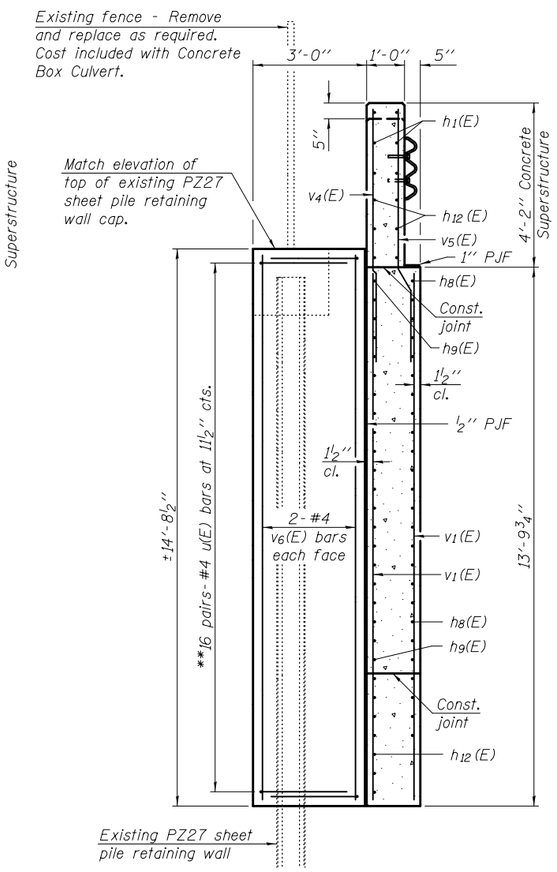
** Drill or burn 1¼" ϕ holes in existing sheet piling for u(E) bars. Cost included with Concrete Box Culverts.



SECTION H-H



SECTION I-I



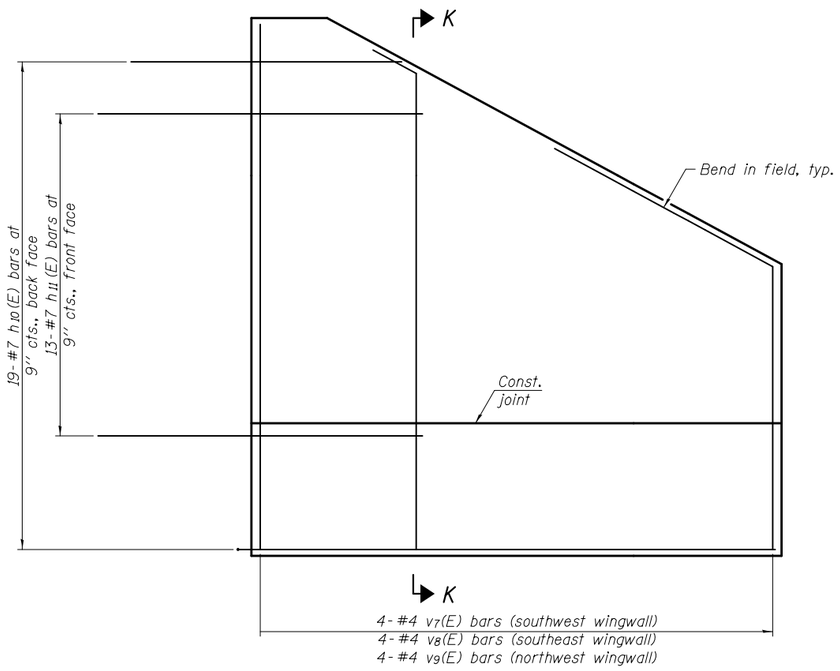
SECTION J-J

DESIGNED - SEAN CHAU	EXAMINED	DATE - FEBRUARY 1, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
CHECKED - PAUL GURKLYS	ACTING ENGINEER OF BRIDGE DESIGN		
DRAWN - MICHAEL B. MOSSMAN	PASSED	REVISED	
CHECKED - S.C. / P.G.	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

CULVERT DETAILS - NORTHEAST WINGWALL
STRUCTURE NO. 060 - 2051

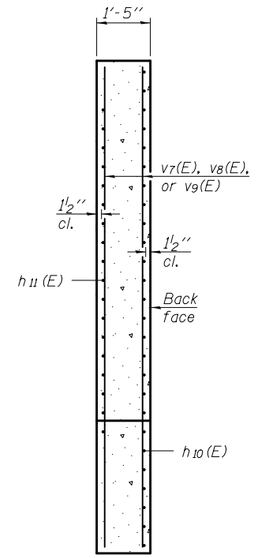
SHEET NO. 9 OF 12 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	42
		CONTRACT NO. 76D49		
		ILLINOIS FED. AID PROJECT		

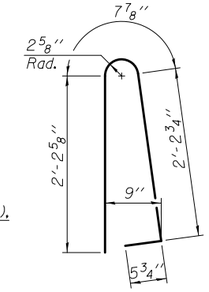


ELEVATION

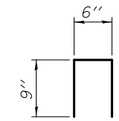
Wingwall elevation showing reinforcement. (Southeast and Northwest wingwalls shown, Southwest wingwall similar)



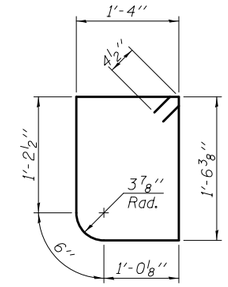
SECTION K-K



BAR d8(E)

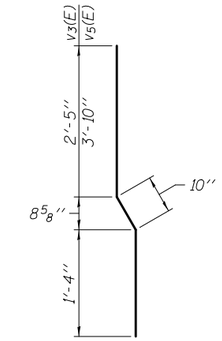


BAR d9(E)



BAR d10(E)

BAR u(E)

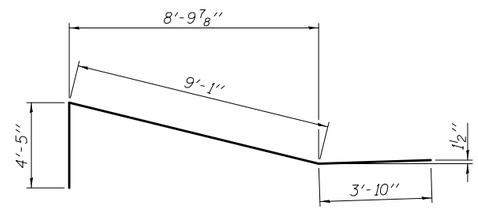


BARS v3(E) & v5(E)

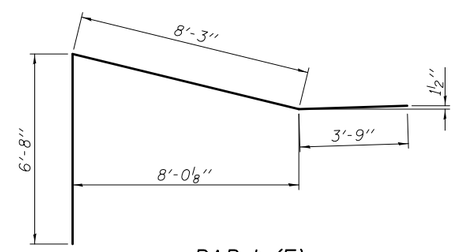
Notes:

A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.

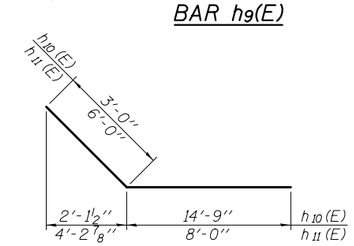
Bars indicated thus 12x4-#5 etc. indicates 12 lines of bars with 4 lengths per line.



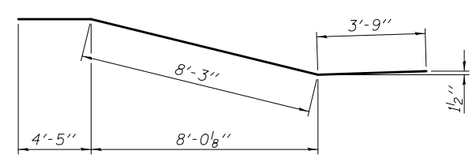
BAR h8(E)



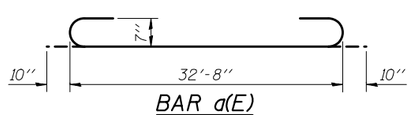
BAR h9(E)



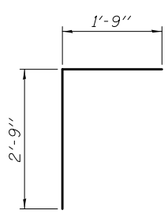
BARS h10(E) & h11(E)



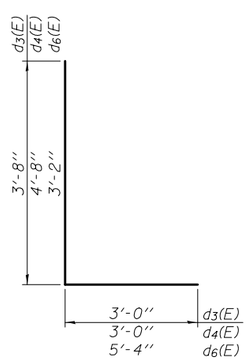
BAR h12(E)



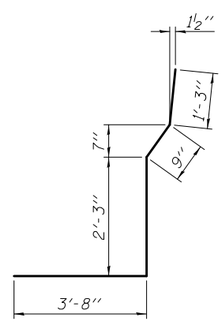
BAR a(E)



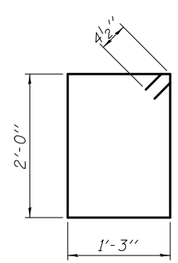
BAR d(E)



BARS d3(E), d4(E), & d6(E)



BAR d5(E)



BAR d7(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	124	#7	34'-4"	
a1(E)	112	#6	20'-0"	
a2(E)	112	#4	8'-10"	
d(E)	66	#4	4'-6"	
d1(E)	70	#5	2'-0"	
d2(E)	6	#5	3'-1"	
d3(E)	38	#5	6'-8"	
d4(E)	38	#5	7'-8"	
d5(E)	38	#5	7'-11"	
d6(E)	38	#5	8'-6"	
d7(E)	64	#4	7'-3"	
d8(E)	38	#5	5'-7"	
d9(E)	20	#4	2'-0"	
d10(E)	63	#4	6'-4"	
h(E)	312	#5	24'-5"	
h1(E)	4	#4	3'-8"	
h2(E)	104	#5	24'-2"	
h3(E)	6	#7	31'-2"	
h4(E)	16	#4	16'-9"	
h5(E)	2	#4	1'-8"	
h6(E)	12	#8	33'-8"	
h7(E)	14	#4	16'-11"	
h8(E)	17	#9	17'-4"	
h9(E)	17	#9	18'-8"	
h10(E)	57	#7	17'-9"	
h11(E)	39	#7	14'-0"	
h12(E)	13	#9	16'-5"	
h13(E)	1	#8	34'-0"	
h14(E)	1	#4	34'-0"	
u(E)	32	#4	6'-6"	
v(E)	336	#5	11'-2"	
v1(E)	26	#4	13'-6"	
v2(E)	8	#4	3'-9"	
v3(E)	8	#4	4'-4"	
v4(E)	5	#4	5'-4"	
v5(E)	5	#4	5'-9"	
v6(E)	4	#4	14'-4"	
v7(E)	4	#4	13'-3"	
v8(E)	4	#4	13'-11"	
v9(E)	4	#4	15'-0"	
Concrete Superstructure			Cu. Yd.	7.8
Reinforcement Bars			Pound	38,140
Concrete Box Culverts			Cu. Yd.	238.2

DESIGNED - SEAN CHAU	EXAMINED	DATE - FEBRUARY 1, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
CHECKED - PAUL GURKLYS	ACTING ENGINEER OF BRIDGE DESIGN		
DRAWN - MICHAEL B. MOSSMAN	PASSED	REVISED	
CHECKED - S.C. / P.G.	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

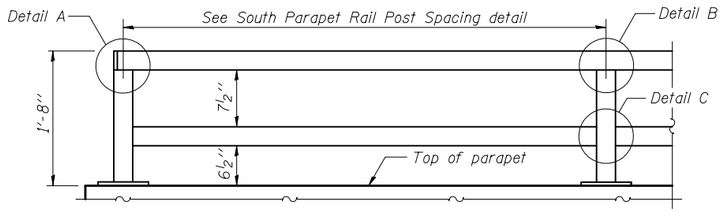
CULVERT DETAILS – WINGWALL DETAILS
STRUCTURE NO. 060 – 2051

SHEET NO. 10 OF 12 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	43

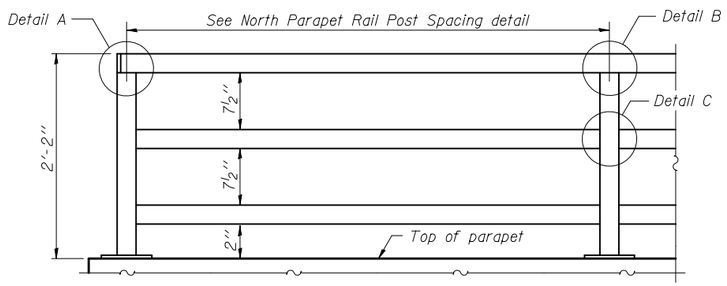
CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT



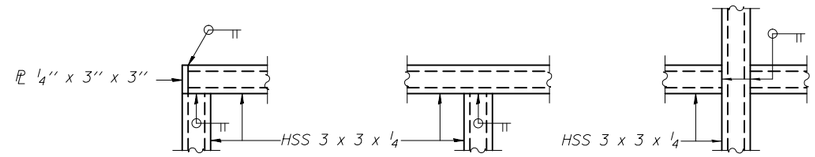
SOUTH PARAPET RAILING ELEVATION

(Inside Face of Two Element Rail)



NORTH PARAPET RAILING ELEVATION

(Inside Face of Three Element Rail)

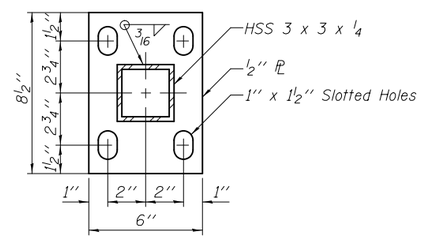


DETAIL A

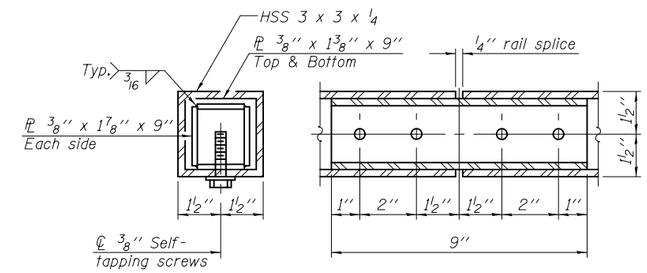
DETAIL B

DETAIL C

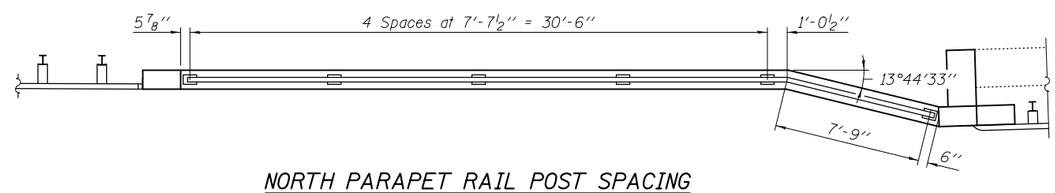
Note:
All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.



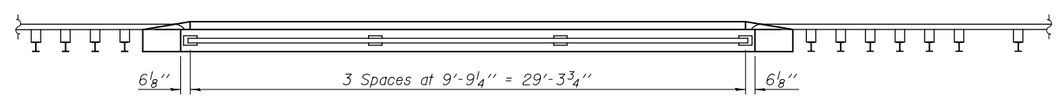
BASE PL



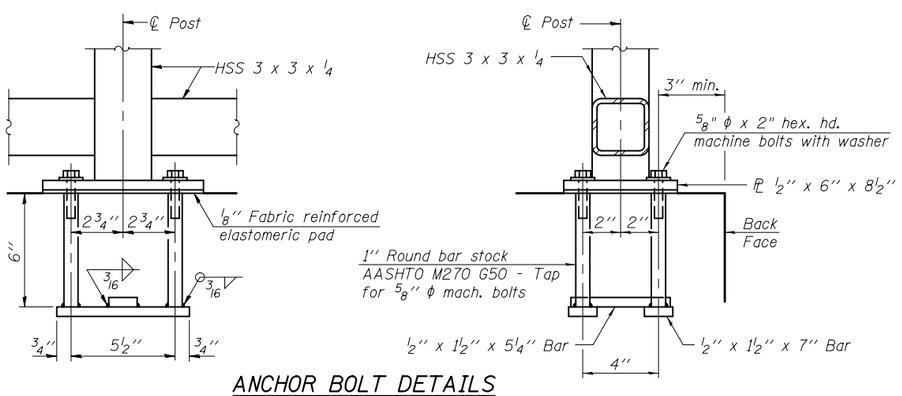
RAIL SPLICE



NORTH PARAPET RAIL POST SPACING



SOUTH PARAPET RAIL POST SPACING



ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

BILL OF MATERIAL

Item	Unit	Quantity
Parapet Railing	Foot	69

DESIGNED - SEAN CHAU	EXAMINED	ACTING ENGINEER OF BRIDGE DESIGN	DATE - FEBRUARY 1, 2013
CHECKED - PAUL GURKLYS			
DRAWN - MICHAEL B. MOSSMAN	PASSED	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED
CHECKED - S.C. / P.G.			REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARAPET RAILING
STRUCTURE NO. 060 - 2051

SHEET NO. 11 OF 12 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	44
		CONTRACT NO. 76D49		
		ILLINOIS FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways

SOIL BORING LOG

Page 1 of 2

Date 4/2/12

ROUTE FAP 785 DESCRIPTION IL 140 over Unnamed Creek (Culvert Boring) LOGGED BY KEG (CRG)

SECTION 136–BR LOCATION Alhambra, IL

COUNTY Madison DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. 060–0103
Station

BORING NO. B–1
Station 1143 + 29
Offset 13.50ft RT
Ground Surface Elev. 538.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 513.0 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
1" CRUSHED ROACK (Fill)					
Brown SILTY CLAY (Fill)			3		
			3	2.0	19
			4	P	
Brown and Dark Brown SILTY CLAY /Limestone Fragments	535.00		2		
			50/5"	1.5	18
		–5		P	
Gray SILT, with trace organics, moist, medium	532.50		2		
			2	1.6	20
			3	P	
Gray and Reddish–Brown CLAY, trace sand and iron stains, moist, medium	530.00		2		
			2	1.2	23
		–10	3	P	
			WOH		
			2	0.6	26
			2	B	
Brown and gray SILTY CLAY, with sand, moist, soft	525.00		1		
			1	0.2	22
		–15	1	P	
Gray CLAY, with trace brown clay and sand, trace pebbles and silt, medium/stiff (Glacial Till)	522.00		2		
			3	1.8	20
			4	B	
Gray and Reddish–Brown CLAY, with trace pebbles and silty clay, stiff (Glacial Till)	520.00		2		
			3	1.7	25
		–20	5	B	
Gray and Reddish–Brown CLAY, with trace pebbles and silty clay, very stiff (Glacial Till) (continued)			2		
			4	2.2	23
			6	B	
Greenish–gray and Brown CLAY trace sand, pebbles, and silt, stiff (Glacial Till)	515.50		3		
			6	2.7	19
		–25	8	B	
Dark Brown CLAY, trace pebbles and silty clay, very stiff (Glacial Till)	513.00 ▼		3		
			4	2.6	20
			7	B	
			10		
			19	> 4.0	13
		–30	24	P	
Dark Brown CLAY, trace pebbles and silt, very stiff (Glacial Till)	506.75		6		
			11	3.2	14
		–35	17	B	
Dark Gray CLAY, trace silt, with pebbles, very stiff (Glacial Till)	501.75		10		
			17	> 4.0	12
		–40	18	P	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 11–11)

Illinois Department of Transportation
Division of Highways

SOIL BORING LOG

Page 2 of 2

Date 4/2/12

ROUTE FAP 785 DESCRIPTION IL 140 over Unnamed Creek (Culvert Boring) LOGGED BY KEG (CRG)

SECTION 136–BR LOCATION Alhambra, IL

COUNTY Madison DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. 060–0103
Station

BORING NO. B–1
Station 1143 + 29
Offset 13.50ft RT
Ground Surface Elev. 538.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 513.0 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dark Gray CLAY, trace silt, with pebbles, very stiff (Glacial Till) (continued)					
	496.75				
Gray CLAY, with trace silt and pebbles, stiff (Glacial Till)			3		
			6	2.4	22
		–45	7	B	
	491.75				
Gray and Reddish–Brown CLAY, trace pebbles and silt, stiff (Glacial Till)			5		
			6	2.5	22
	488.50	–50	10	B	
		–55			
		–60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 11–11)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 4/8/96

ROUTE FAP 785 DESCRIPTION IL 140 Retaining Wall In Alhambra at Unnamed Creek LOGGED BY Larry Ford

SECTION 136I LOCATION SW 1/4, SW 1/4, SEC, 11, TWP, 5N, RNG, 6W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO.
Station

BORING NO. 2
Station 1143 + 83.37
Offset 12.50ft Left
Ground Surface Elev. 536.42 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 523.4 ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silt LOAM					
			2		
			1	0.55	26
			1	S/10	
		–5	1		
			1	0.73	24
			1	S/10	
	529.9				
Gray and Brown LOAM			1		
			1	0.51	20
			1	S/10	
		–10	1		
			1	0.62	30
			1	S/10	
			1		
	523.4		2	0.44	19
			4	S/10	22
Gray Sandy LOAM				NC	
		–15	1		
			2		21
			3	NC	
			0		
			1		18
			1	NC	
Brown SAND See Gradation @ 20 ft (6.0 m)	517.4	–20	5		
Brown SAND See Gradation @ 20 ft (6.0 m) (continued)	515.4				
			10		
			15	NC	
Gray Silty CLAY					
			3		
			6	2.57	22
			8	S/10	
		–25	5		
			7	2.52	21
			9	S/5	
		–30	4		
	505.9		14	2.60	18
Brown Sand LOAM			36	S/15	13
	504.9			2.24 S/0	
Gray Clay LOAM			5		
			13	3.81	15
			20	S/15	
		–35	7		
			13	5.05	14
	500.4		23	S/20	
END OF BORING					
		–40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

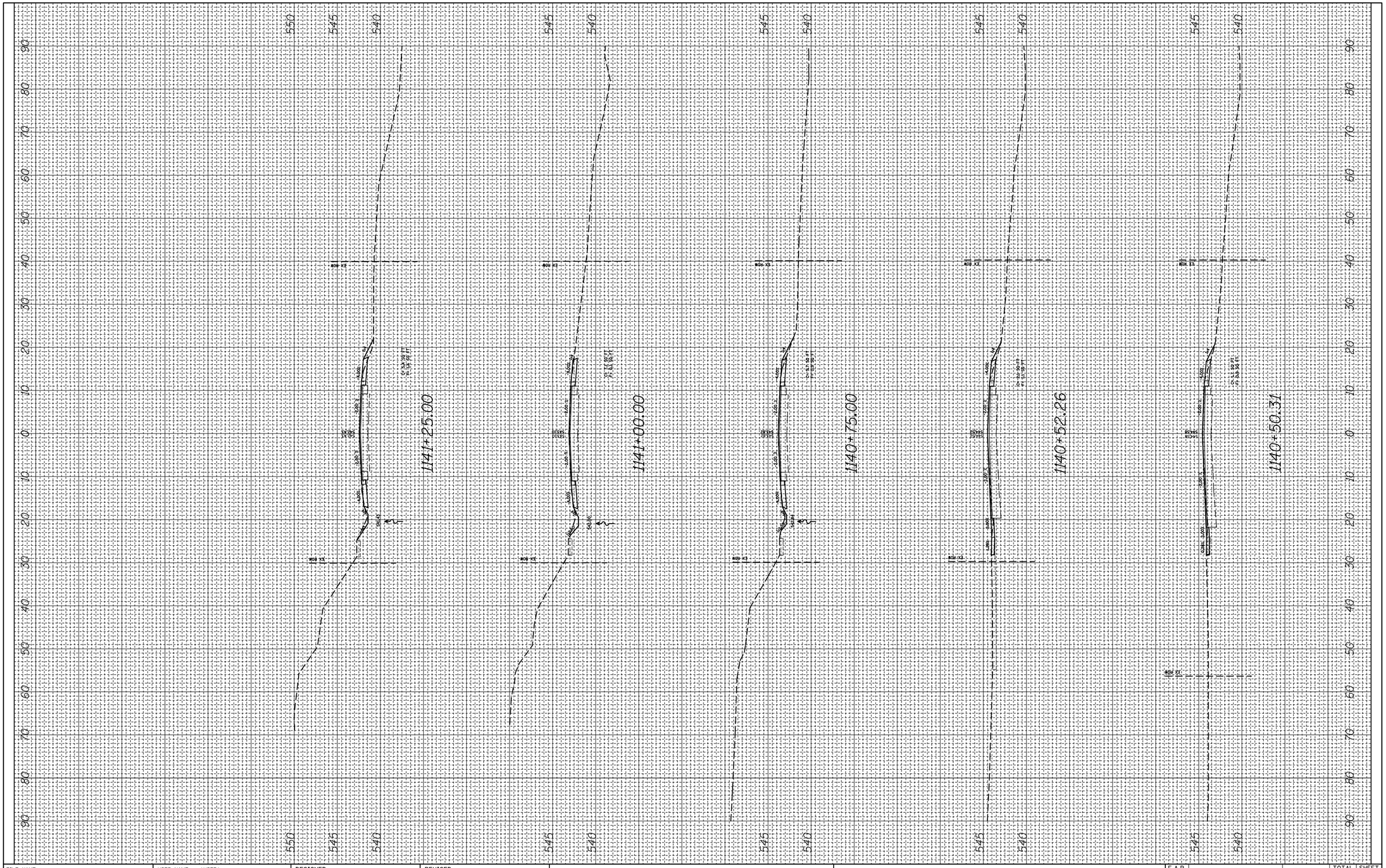
BBS, form 137 (Rev. 8–99)

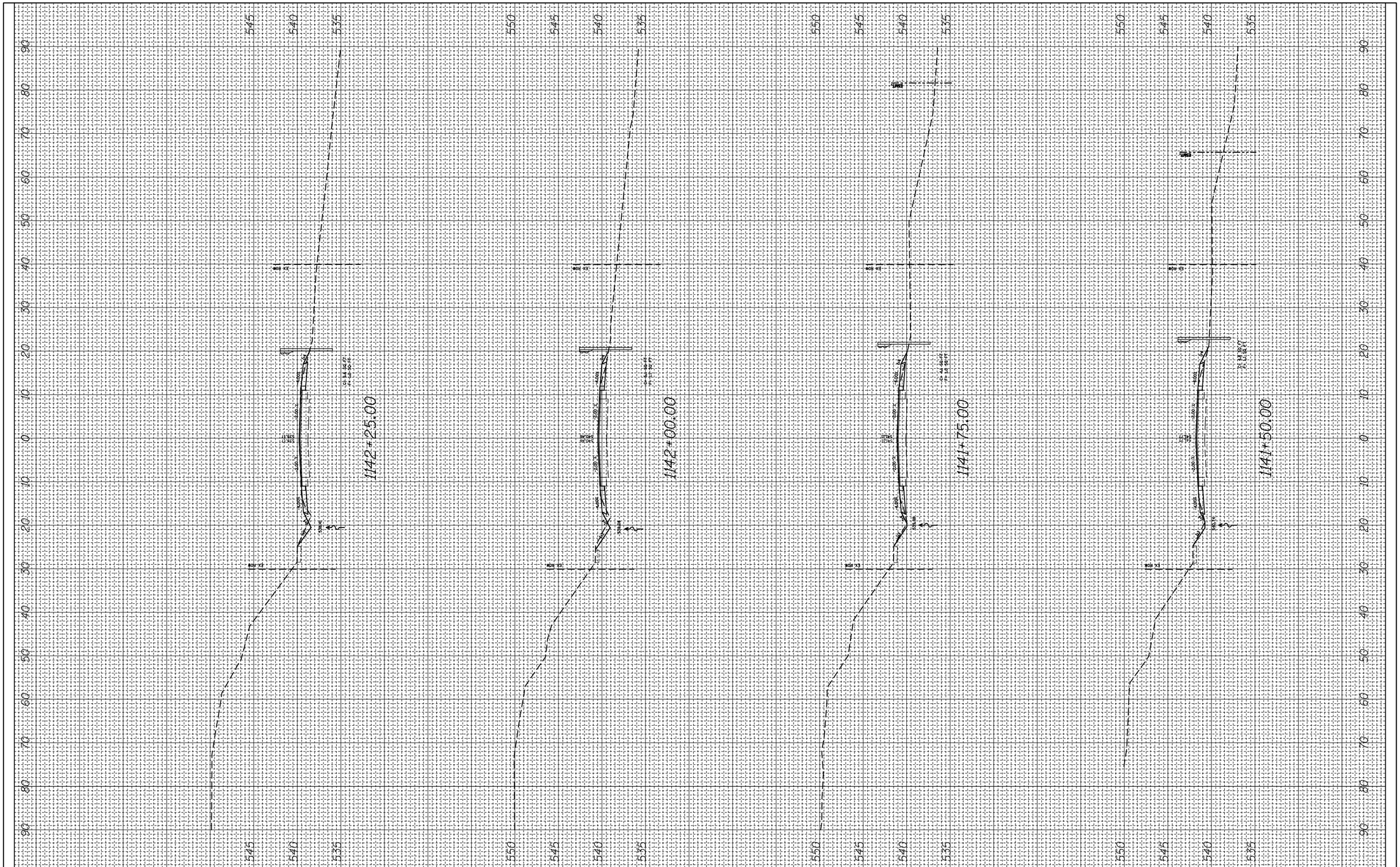
DESIGNED - SEAN CHAU	EXAMINED	DATE - FEBRUARY 1, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
CHECKED - PAUL GURKLYS	ACTING ENGINEER OF BRIDGE DESIGN		
DRAWN - MICHAEL B. MOSSMAN	PASSED	REVISED	
CHECKED - S.C. / P.G.	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

SOIL BORING LOGS
STRUCTURE NO. 060 – 2051

SHEET NO. 12 OF 12 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	45
		CONTRACT NO. 76D49		
	ILLINOIS FED. AID PROJECT			


1141+25.00
1141+00.00
1140+75.00
1140+52.26
1140+50.31
EX ROW
ROW X3
ROW X1
-4.00%
-2.00 %
-4.00 %
-2.00 %
-6.00 %
-3.00%
-2.00 %
-4.00%
-2.00 %
-4.00%



FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

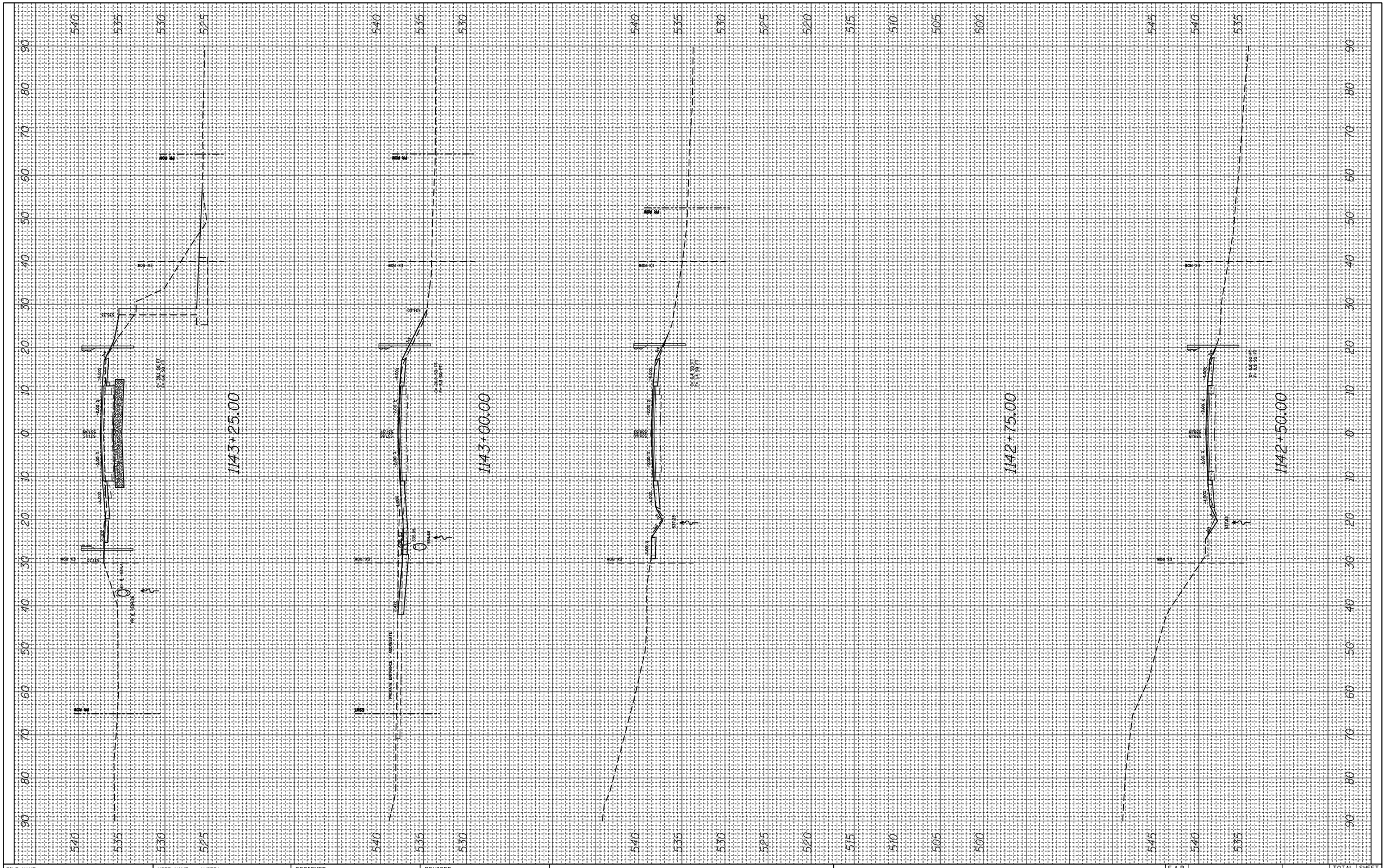
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	DATE -	REVISED -

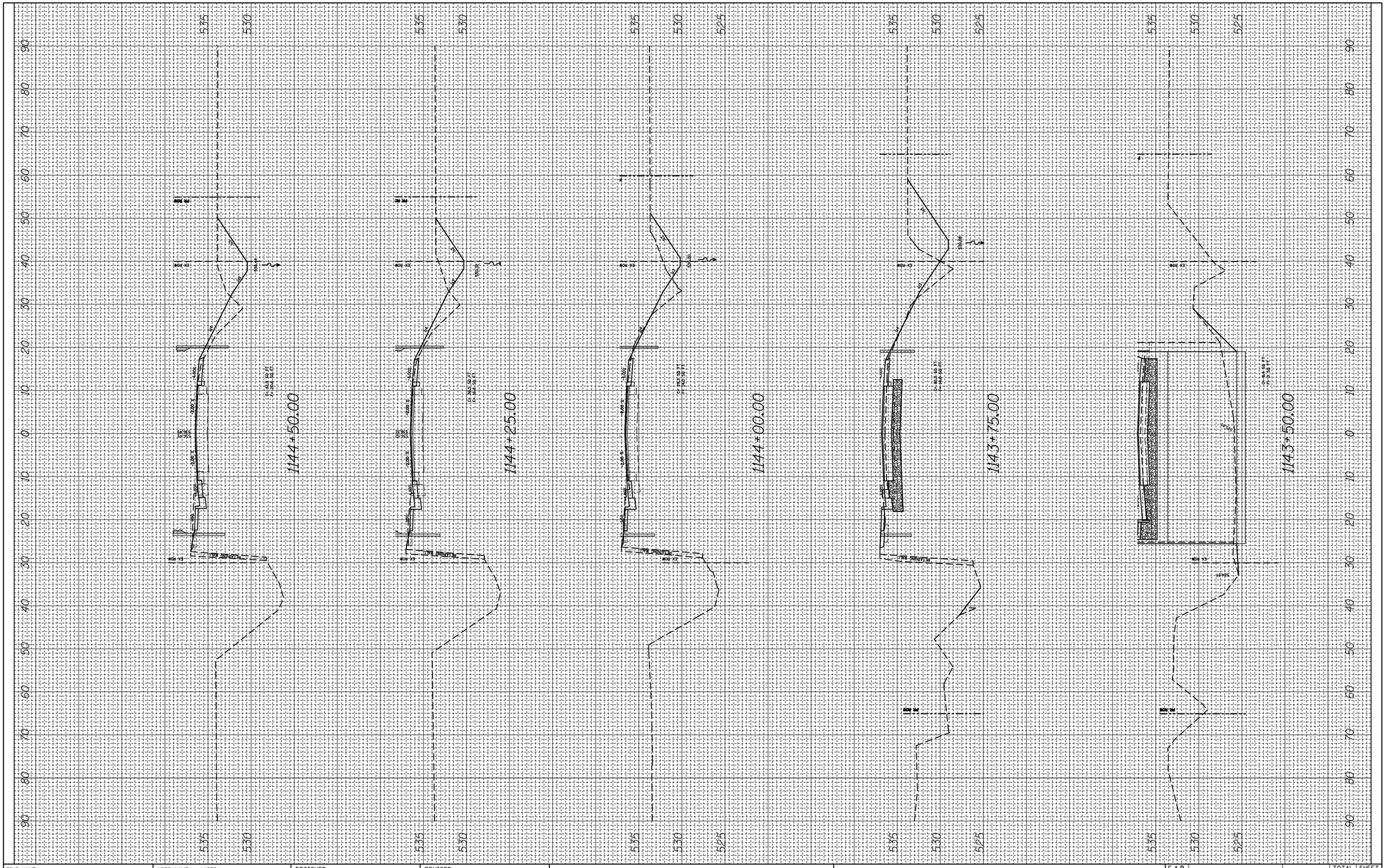
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 140 MAINLINE CROSS SECTION

SCALE: | SHEET 2 OF 6 SHEETS | STA. 1141+50.00 TO STA. 1142+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	47
		CONTRACT NO. 76D49		
		ILLINOIS FED. AID PROJECT		

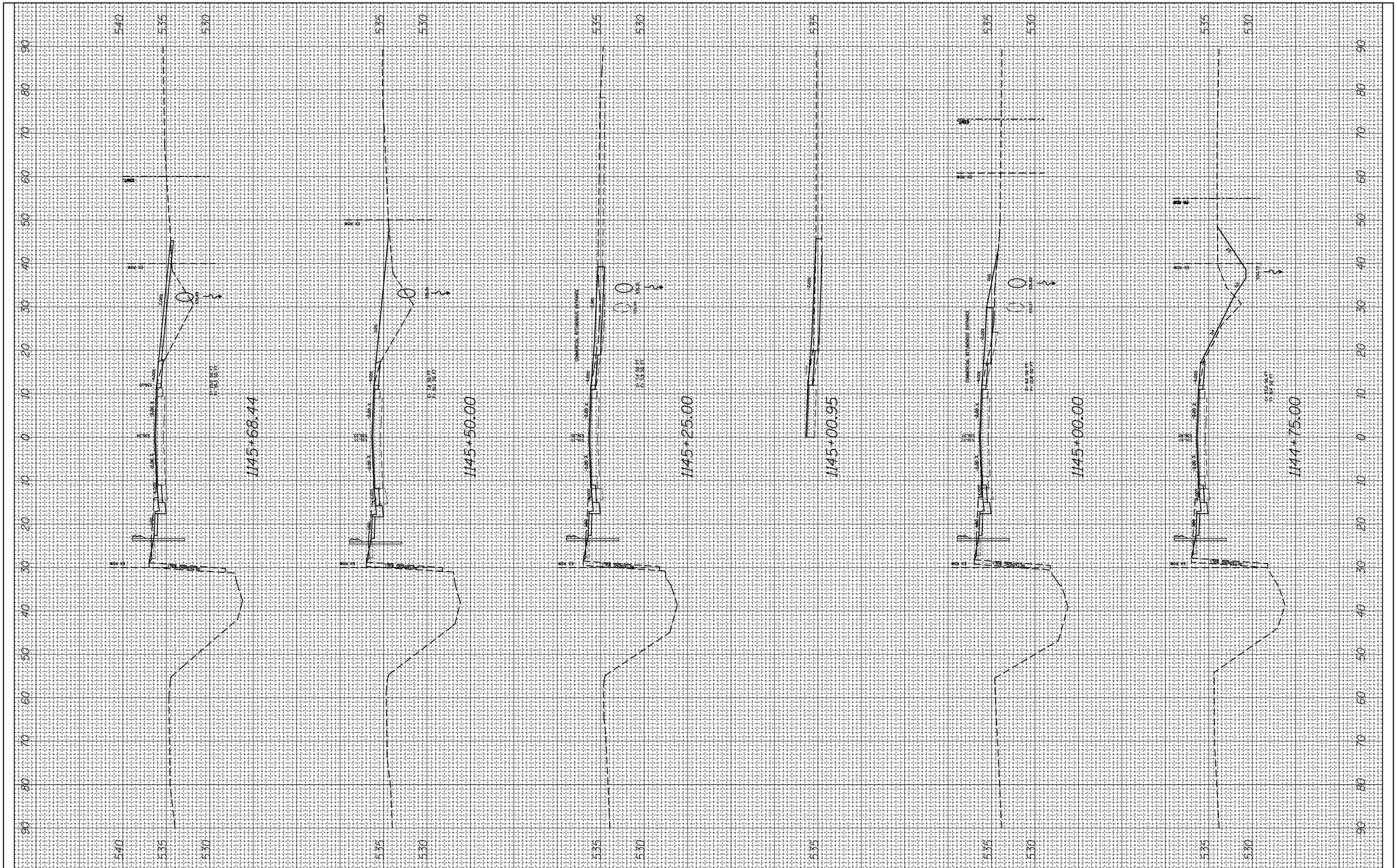

1143+25.00
1143+00.00
1142+75.00
1142+50.00
EX HOW
PRIVATE ENTRANCE - AGGREGATE
BASES SEEDED
-2.00 %
-3.00 %
-4.00 %
-5.00 %
-6.00 %
-2.00 %
-3.00 %
-4.00 %
-5.00 %
-6.00 %
-2.00 %
-3.00 %
-4.00 %
-5.00 %
-6.00 %
-2.00 %
-3.00 %
-4.00 %
-5.00 %
-6.00 %
PR E 555.66
PR E 555.66
PR E 555.66



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 140 MAINLINE CROSS SECTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			785	136-BR	MADISON	58 / 49
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -					CONTRACT NO. 76D49	
$MODELNAME$	PLOT DATE = $DATE$	DATE -	REVISED -		SCALE: SHEET 4 OF 6 SHEETS STA. 1143+50.00 TO STA. 1144+50.00		ILLINOIS FED. AID PROJECT		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



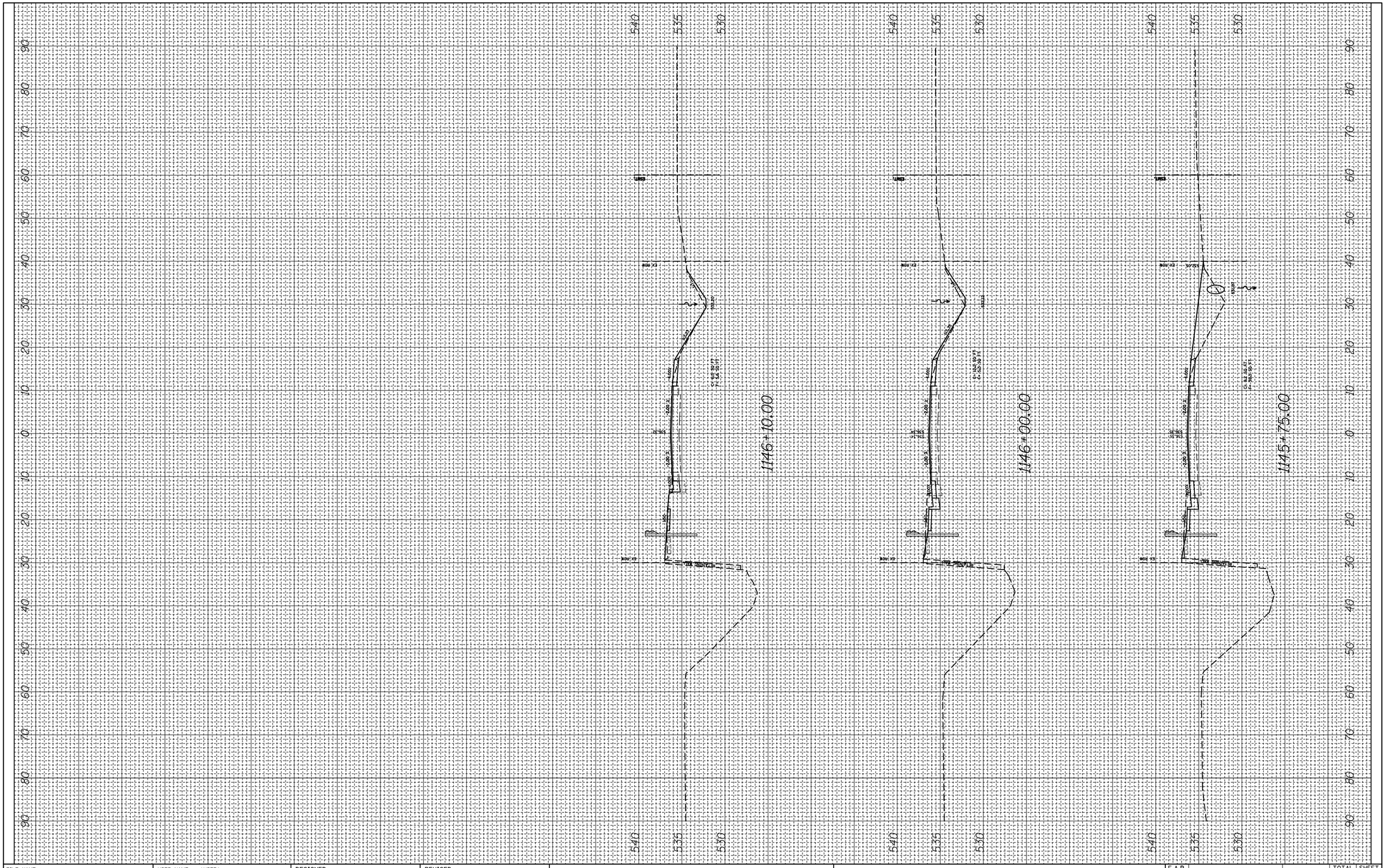
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 140 MAINLINE CROSS SECTION

SCALE: | SHEET 5 OF 6 SHEETS | STA. 1144+75.00 TO STA. 1145+68.44

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	50
		CONTRACT NO. 76D49		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

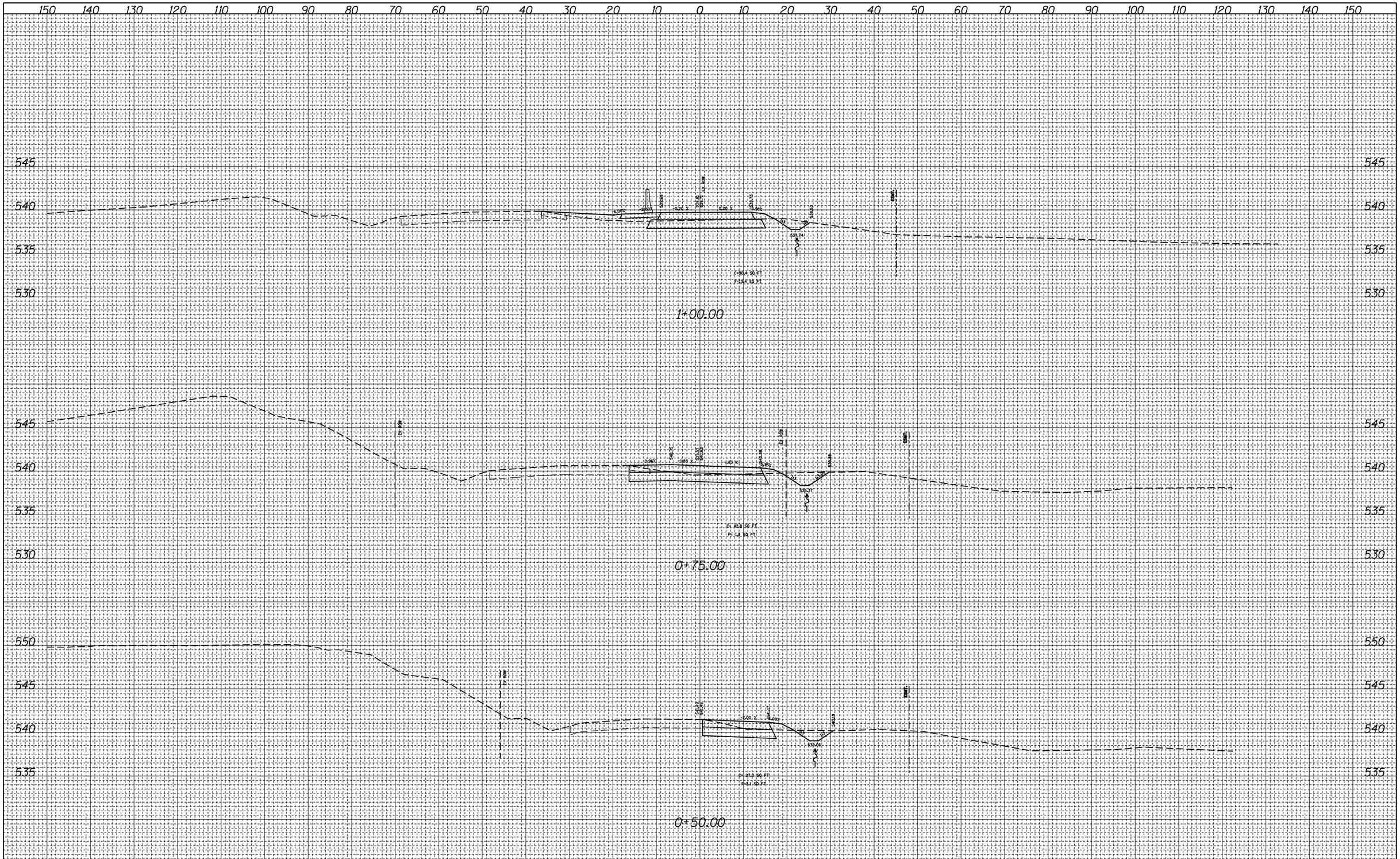
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 140 MAINLINE CROSS SECTION

SCALE: | SHEET 6 OF 6 SHEETS | STA. 1145+75.00 TO STA. 1146+10.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	51
		CONTRACT NO. 76D49		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
NOTE BOOK	AREAS		
	AREAS CHECKED		
NO.			

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
NOTE BOOK	AREAS		
	AREAS CHECKED		
NO.			

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

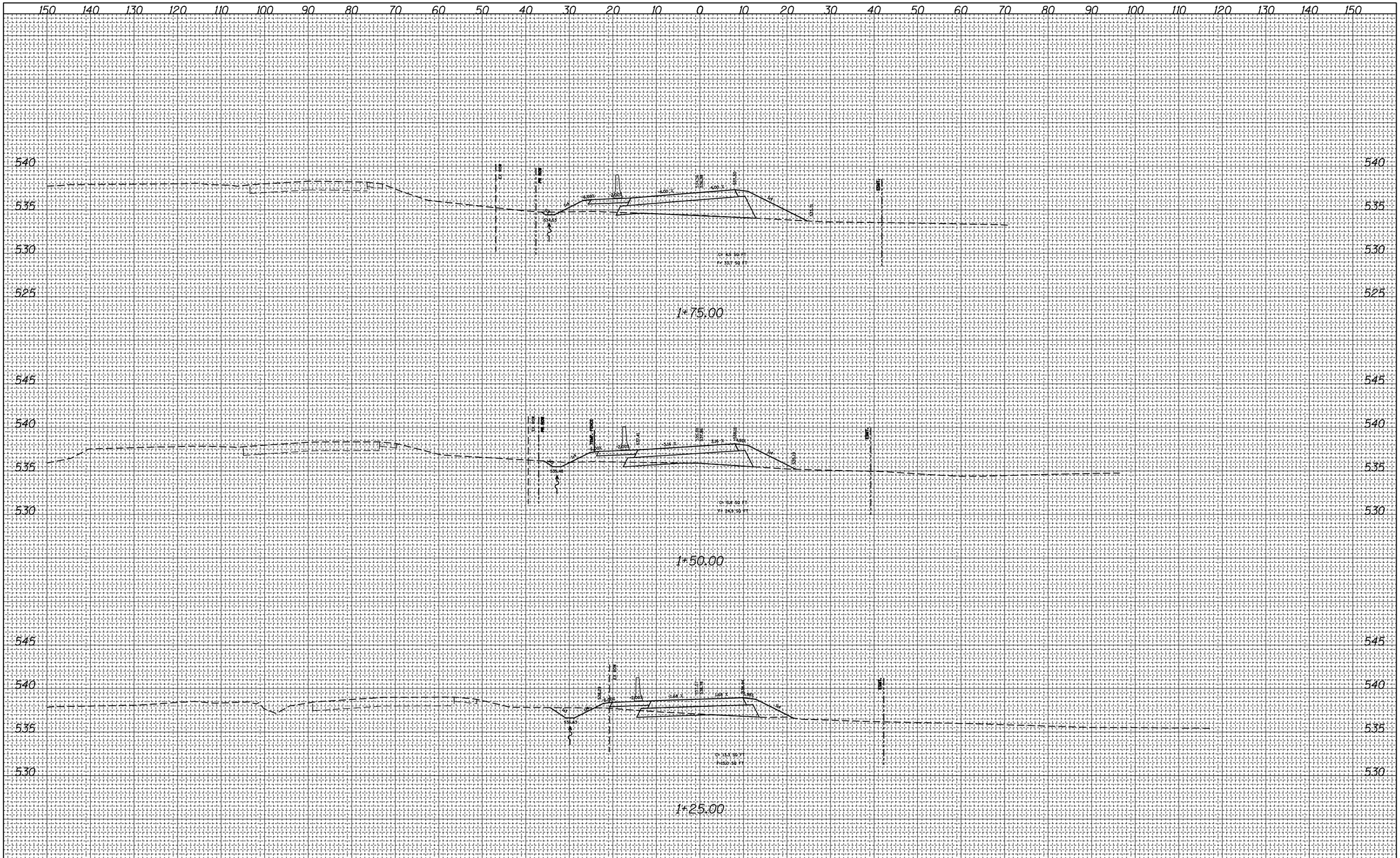
IL 140 RUNAROUND CROSS SECTIONS

SCALE: | SHEET 1 OF 7 SHEETS | STA. +50.00 TO STA. 1+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	52

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

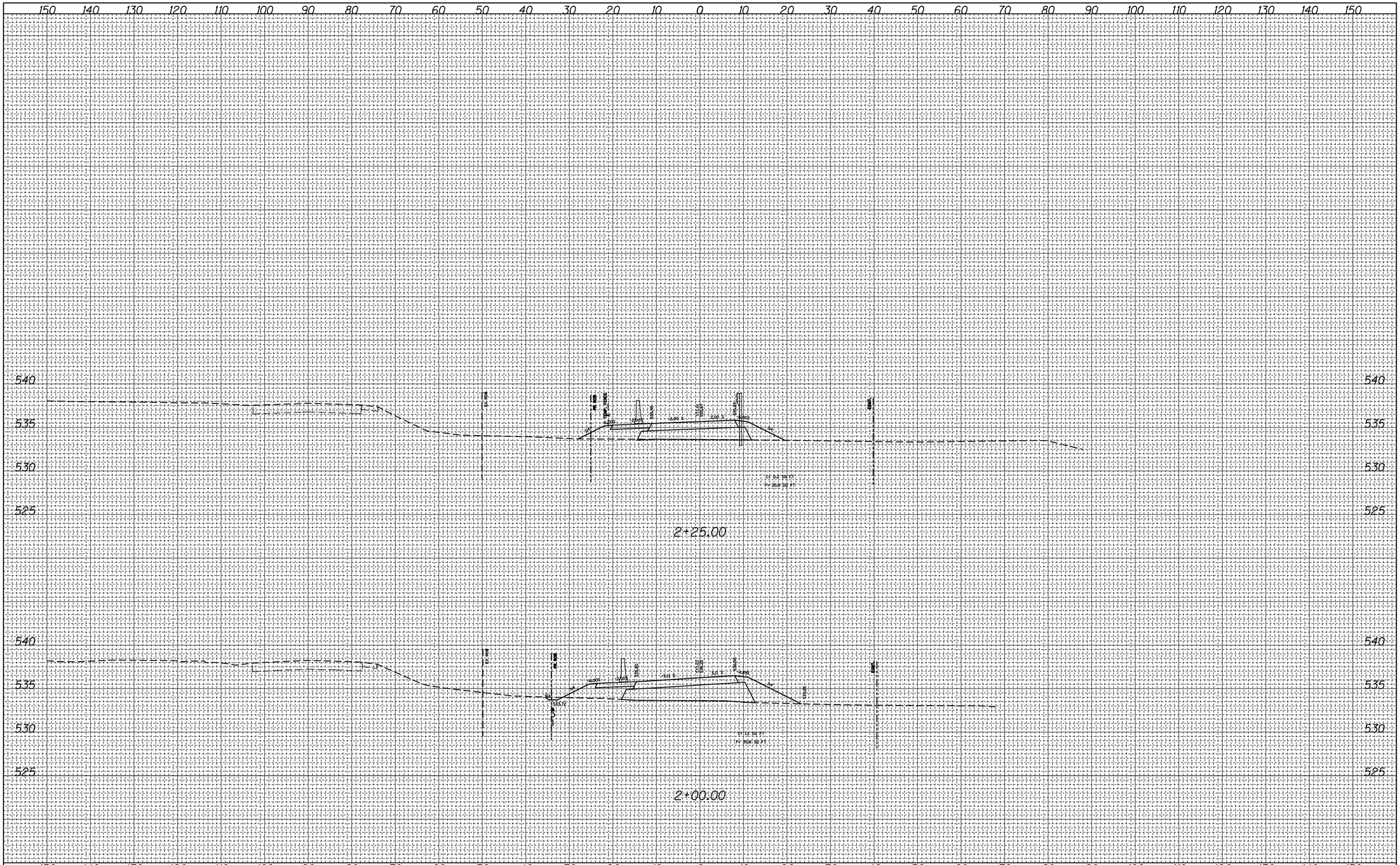
IL 140 RUNAROUND CROSS SECTION

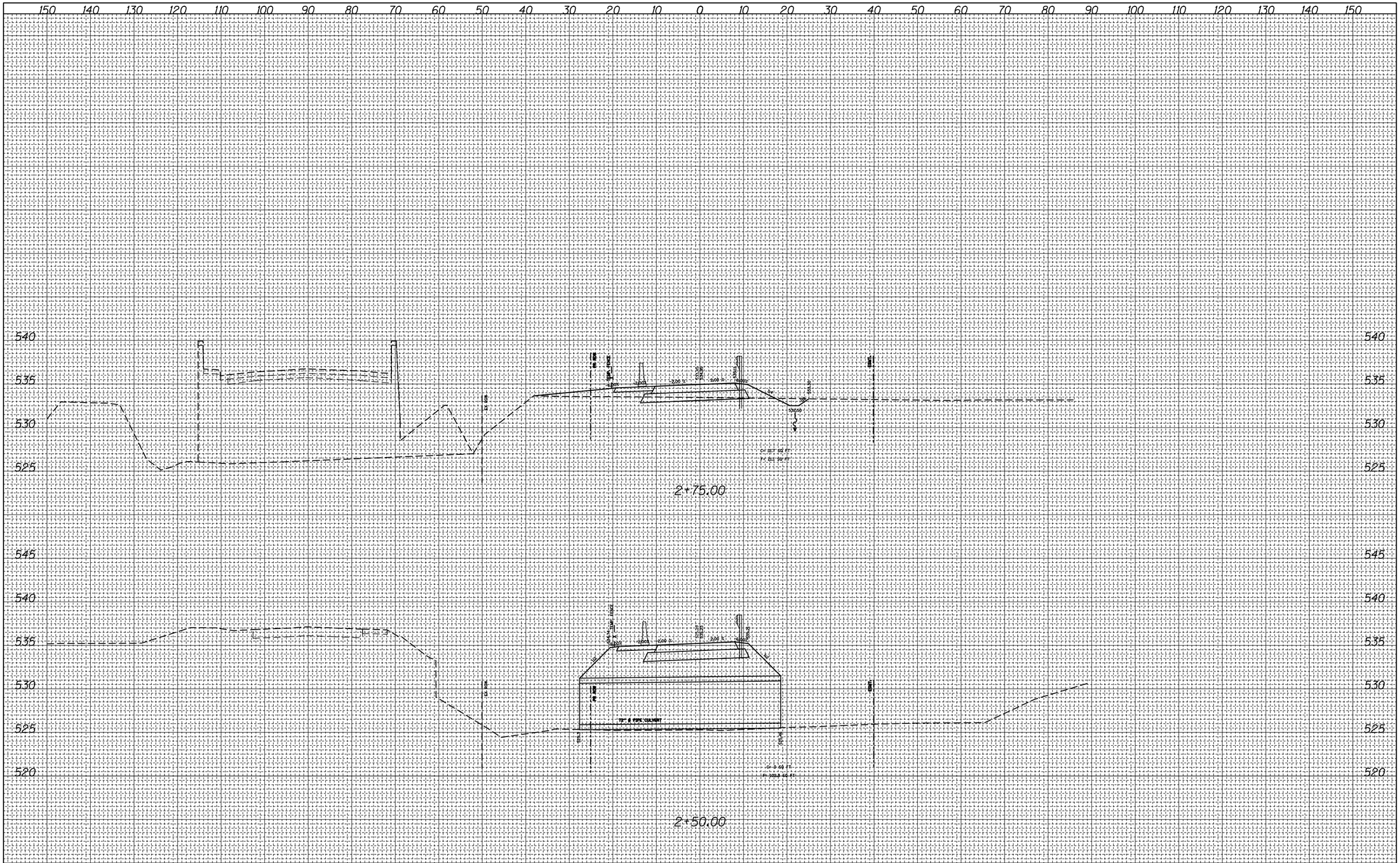
SCALE: | SHEET 2 OF 7 SHEETS | STA. 1+25.00 TO STA. 1+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	53

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
540
535
530
525
EX ROW
PR ROW
PL TYP. FENCE
1.00V
2.00V
2.00 X
2.00 X
1.00V
1V
1V
535.72
535.60
535.60
535.60



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

FILE NAME =	USER NAME = $USER$	DESIGNED -	REVISED -
$FILEL$		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

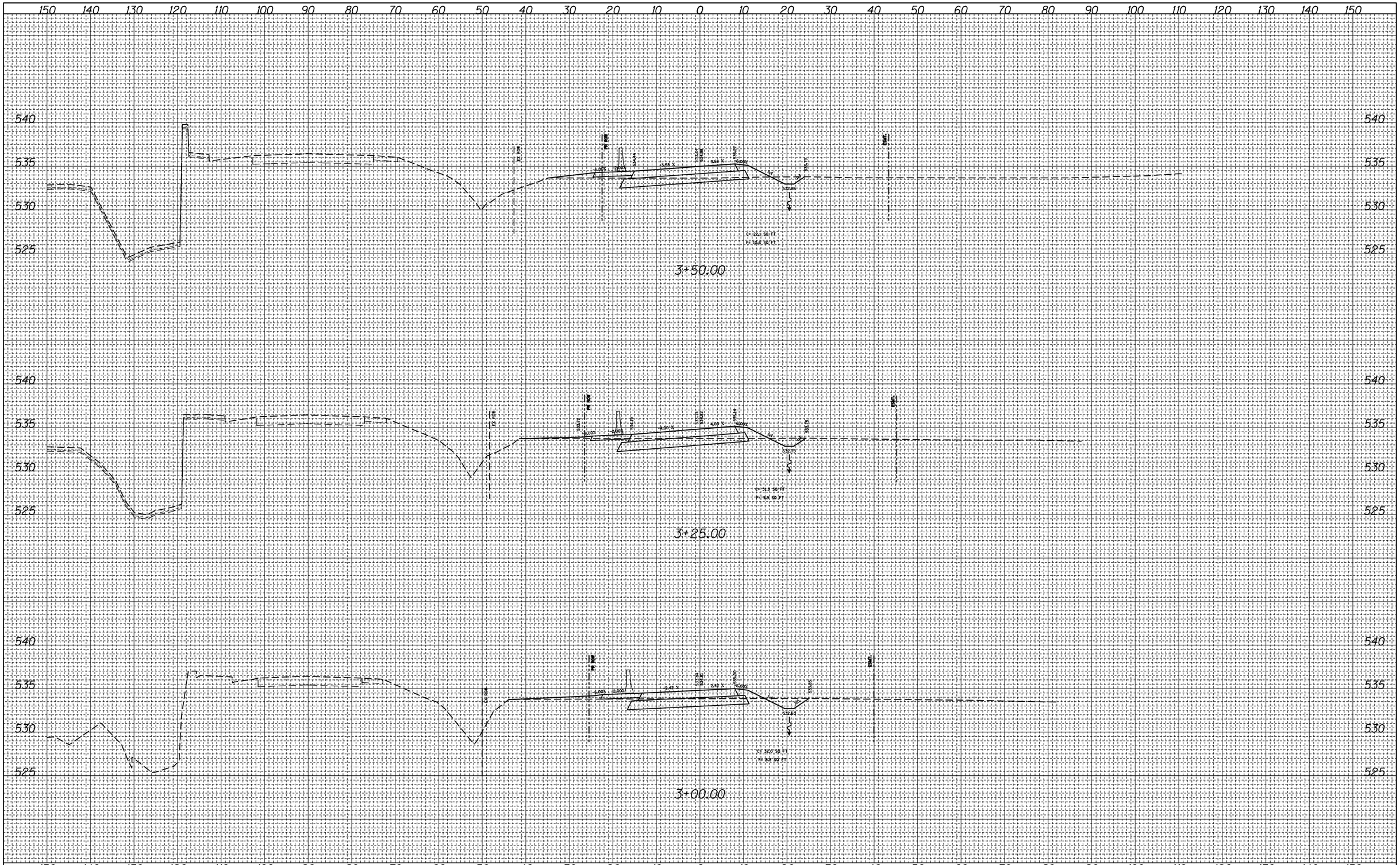
IL 140 RUNAROUND CROSS SECTION

SCALE: | SHEET 4 OF 7 SHEETS | STA. 2+50.00 TO STA. 2+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	55

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT



FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
NOTE BOOK	AREAS		
	AREAS CHECKED		
NO.			

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
NOTE BOOK	AREAS		
	AREAS CHECKED		
NO.			

FILE NAME =	USER NAME = $USER$	DESIGNED -	REVISED -
$FILEL$		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

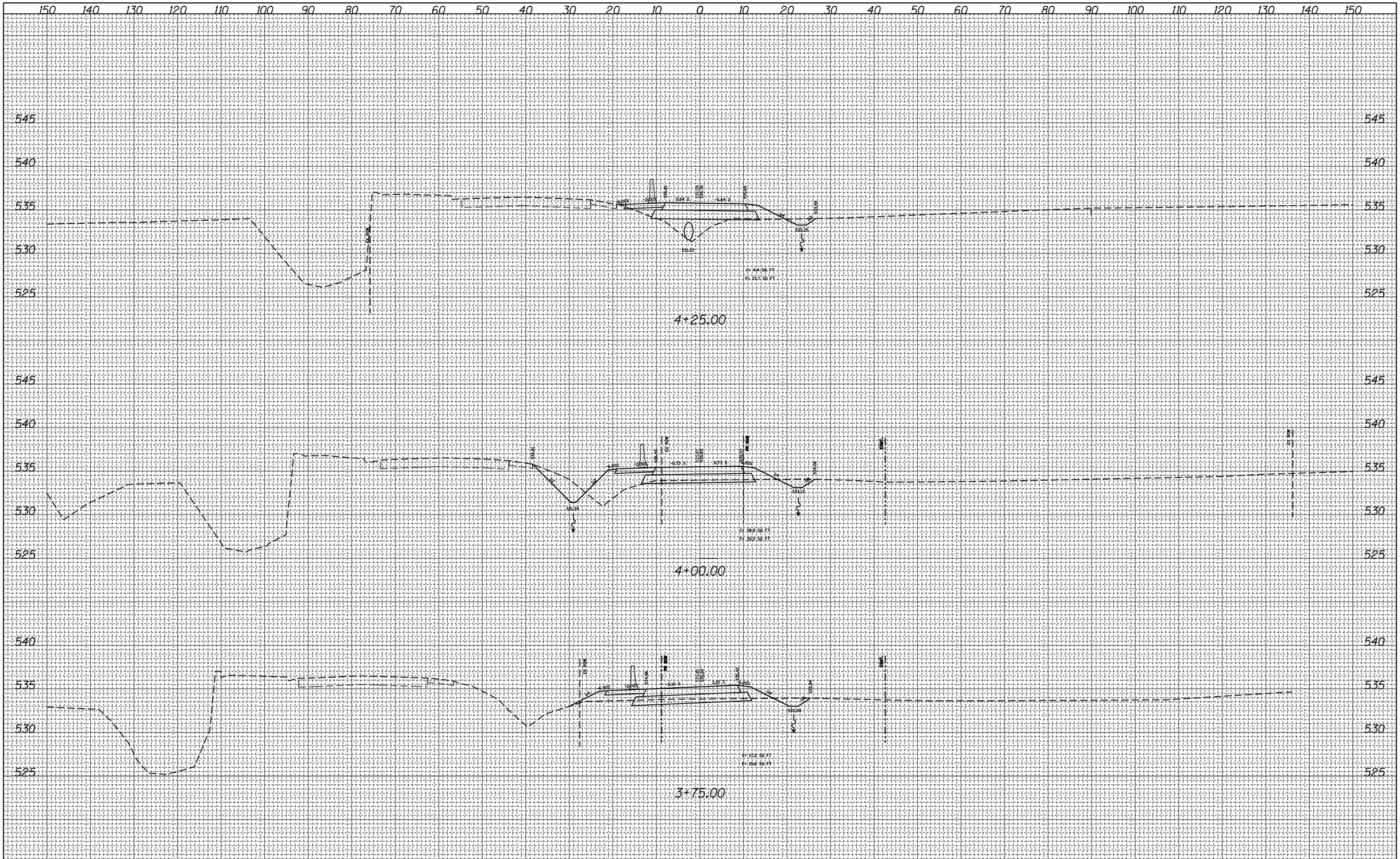
IL 140 RUNAROUND CROSS SECTION

SCALE: | SHEET 5 OF 7 SHEETS | STA. 3+00.00 TO STA. 3+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	56

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

FILE NAME =	USER NAME = $USER$	DESIGNED -	REVISED -
$FILEL$		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 140 RUNAROUND CROSS SECTION

SCALE: | SHEET 6 OF 7 SHEETS | STA. 3+75.00 TO STA. 4+25.00

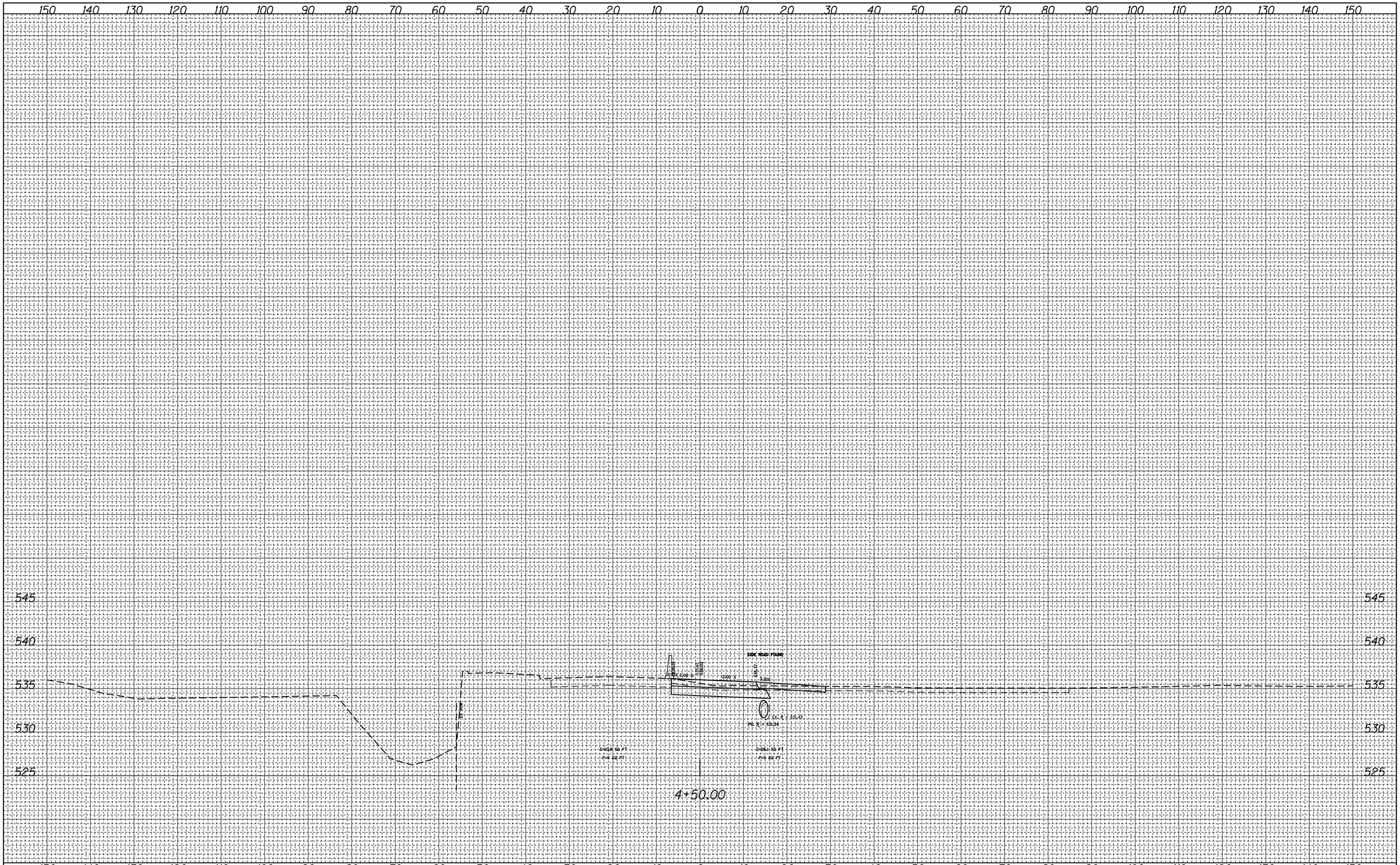
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	57

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT

FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



FILE NAME =	USER NAME = $USER$	DESIGNED -	REVISED -
$FILEL$		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 140 RUNAROUND CROSS SECTION

SCALE: | SHEET 7 OF 7 SHEETS | STA. 4+50.00 TO STA. 4+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	136-BR	MADISON	58	58

CONTRACT NO. 76D49

ILLINOIS FED. AID PROJECT