

PROPOSED HIGHWAY PLANS

F.A.S. ROUTE 457 (C.H. 31)
 OVER DICKSON CREEK
 SECTION (11A)BR-1
 PROJECT STP-0457 (102)
 FULTON COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	1
		ILLINOIS	CONTRACT NO. 68116	

INDEX OF SHEETS

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	ILLINOIS DOT HIGHWAY STANDARDS

D-94-102-00



LIST OF ILLINOIS DOT HIGHWAY STANDARDS

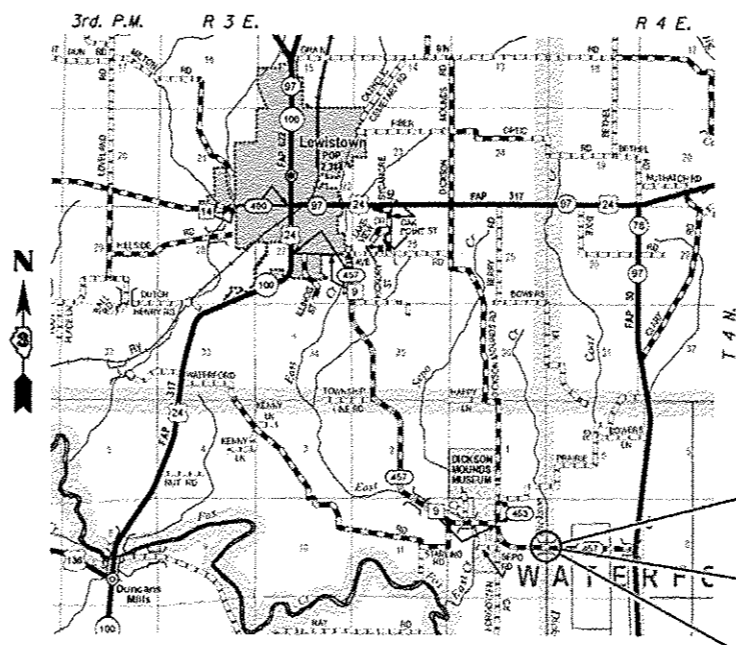
000001-06	631032-09
001001-02	701301-04
280001-07	701311-03
515001-03	701901-06
630001-11	725001-01
630301-07	BLR 21-9
631011-10	782006

LIST OF DISTRICT 4 CADD STANDARDS

406101-D4
440001-D4
630101-D4
780001-D4

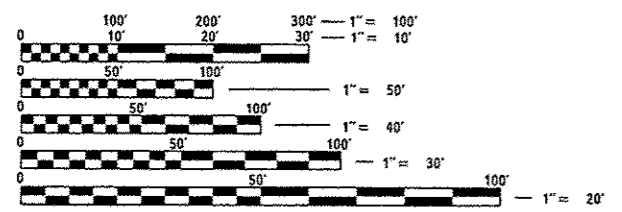
ADT = 600 (2013)
 % HCV = 1.0 (2013)
 % SU = 0.5 (2013)
 % MU = 0.5 (2013)
 TOWNSHIP: WATERFORD
 FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR (RURAL)

C-94-144-00



LOCATION MAP

NET LENGTH = 3377.00 FT. = 0.640 MILE
 SCALE: 1" = 1 MILE



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

PROJECT ENGINEER: MIKE LEWIS (309) 671-3454
 TEAM LEADER: MIKE McLUCKIE (309) 671-3468
 CATALOG NO. 032314-00D
 CONTRACT NO. 68116

V&K
Veenstra & Kimm, Inc.
 Springfield, IL. Phone: (217)544-8033
 IL. Design Firm No. 184-001939



Christopher P. Kohlbus 1/31/17

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED February 2, 2017
Maureen M. Addis
 REGION THREE ENGINEER

Mar 24 2017
Maureen M. Addis P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24 2017
Maureen M. Addis
 DIRECTOR OF PROGRAM DEVELOPMENT

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COMMITMENTS

COMMITMENTS SHALL NOT BE ALTERED WITHOUT THE WRITTEN CONSENT OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

MICRO STATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

TREE REMOVAL – UTILITY RELOCATION

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

PLAN ELEVATIONS – U. S. G. S. MEAN SEA LEVEL DATUM

1. ALL ELEVATIONS SHOWN REFER TO U. S. G. S. DATUM AT MEAN SEA LEVEL UNLESS OTHERWISE NOTED.

PROPERTY OWNER ACCESS REQUIREMENTS

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

CLEARING

AT LOCATIONS WHERE CLEARING IS INDICATED ON THE PLANS BEYOND THE LIMITS OF THE PROPOSED EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL RESTORE THE DISTURBED EARTH BY BLADING AND SHAPING TO BLEND WITH THE ADJACENT GROUND. THE CLEARING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EXCAVATION PAY ITEMS IN THE PLANS. PAYMENT FOR RESEEDING OR RESODDING WILL BE AS PROVIDED IN THE PLANS.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- * BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- * BDE FORM 2290 (WASTE/USE AREA REVIEW)
- * A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- * COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- * BORROW AREA ENTRY AGREEMENT FORM-D4 PI0101

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

SEEDING – SIDE SLOPE RIPPING

ALL SLOPES STEEPER THAN 3 TO 1 AND OVER 15 FT (4.5 M) IN HEIGHT SHALL BE RIPPED THIS SHALL CONSIST OF RIPPING BETWEEN 18 INCHES TO 24 INCHES (450 MM TO 600 MM) DEEP NORMAL TO THE SLOPE. THE INTERVAL OF RIPPING ALONG THE SLOPE SHALL BE 12 FT. (3.6 M). THIS WORK SHALL BE DONE AFTER THE SEED BED HAS BEEN PREPARED BUT BEFORE ANY FERTILIZER OR SEED HAS BEEN APPLIED. THE FERTILIZER AND SEED SHALL BE APPLIED WITHIN A 24-HOUR PERIOD AFTER THE RIPPING HAS BEEN DONE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE VARIOUS ITEMS OF SEEDING INVOLVED.

PAVEMENT STATIONING NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20MM) WIDE, 5 INCHES (125 MM) HIGH AND 5/8 INCH (15 MM) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL – 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS – 6 INCHES (150 MM) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING


LOCATION:

- * 2,3, & 5 LANE PAVEMENTS – RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- * MULTI-LANE DIVIDED ROADWAYS – OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- * RAMPS – ALONG BASELINE EDGE OF PAVEMENT

POSITION – STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT – ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XXX (XX+X00)" WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

 Veestra & Kimm, Inc. Springfield, IL. Phone: (217)544-8033	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, COMMITMENTS & PROJECT SPECIFIC NOTES		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE *	CHECKED -	REVISED -				457	(1)A1BR-1	FULTON	47	2
PLOT DATE *	DRAWN -	REVISED -			SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 68116		
	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE HMA SURFACE COURSE.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

PROJECT SPECIFIC NOTES

1. THE THICKNESS OF THE HOT MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIXED ASPHALT MIXTURES ARE PLACED.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
3. NO WORK TO BE DONE FROM APRIL 15 THROUGH JULY 31 IN POND IN THE NORTHWEST QUADRANT OF THE PROJECT AREA.

CALCULATION FACTORS

AGGREGATE SHOULDERS AND BASES: 0.05833 TON /SQ YD /INCH
 HOT MIX ASPHALT: 0.056 TON /SQ YD /INCH
 TEMPORARY EROSION CONTROL SEEDING: 100 LBS /ACRE
 STONE RIPRAP: 1.5 TON /CU YD
 GUARDRAIL AGGREGATE EROSION CONTROL: 1.5 TON /CU. YD.

STATUS OF UTILITIES TO BE ADJUSTED – NONE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(S)	HMA SURFACE AND BINDER (2" MIN.)
AC /PC	PG 64-22
DESIGN AIR VOIDS	4.0% AT N = 50
MIXTURE COMPOSITION	IL 9.5
FRICTION AGGREGATE	MIX C
QUALITY MANAGEMENT PROGRAM	QCQA

- NOTE: 1) INDIVIDUAL LIFT THICKNESS OF EACH MIX TYPE WILL BE NO LESS THAN 3 TIMES NOMINAL MAXIMUM AGGREGATE SIZE AND NO MORE THAN 6 TIMES NOMINAL MAXIMUM AGGREGATE SIZE, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 2) FOR DESIGN PURPOSES, MIXTURE WEIGHT FOR ALL MIXES IS DETERMINED TO BE 112.0 LB/S.Y./IN., UNLESS OTHERWISE NOTED.
 3) SUBLOT SIZES FOR PFP AND QCP MIXES WILL BE 1000 TONS, UNLESS OTHERWISE AGREED TO BY THE ENGINEER AND THE PAVING CONTRACTOR.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE BRIDGE
				0004	0011
				S.N. 029-0076	S.N. 029-0076
20200100	EARTH EXCAVATION	CU YD	15	15	
20300100	CHANNEL EXCAVATION	CU YD	304	304	
20400800	FURNISHED EXCAVATION	CU YD	286	286	
25000210	SEEDING, CLASS 2A	ACRE	0.9	0.9	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	81	81	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	81	81	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	81	81	
25100115	MULCH, METHOD 2	ACRE	0.9	0.9	
25100630	EROSION CONTROL BLANKET	SQ YD	265	265	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	90	90	
28000315	AGGREGATE DITCH CHECKS	TON	9	9	
28000400	PERIMETER EROSION BARRIER	FOOT	1250	1250	
28100107	STONE RIPRAP, CLASS A4	SQ YD	477		477
28100201	STONE RIPRAP, CLASS A1	TON	561	561	

RURAL

11/13

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68116	

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE BRIDGE
				0004 S.N. 029-0076	0011 S.N. 029-0076
28100207	STONE RIPRAP, CLASS A4	TON	3383	3383	
28200200	FILTER FABRIC	SO YD	477		477
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	36	36	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	1008	1008	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	316	316	
40603080	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50	TON	530	530	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	228	205	23
44000100	PAVEMENT REMOVAL	SO YD	58	58	
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	576	576	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50200100	STRUCTURE EXCAVATION	CU YD	96		96
50300225	CONCRETE STRUCTURES	CU YD	29.5		29.5
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SO FT	1377		1377
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3690		3690

RURAL

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET NO. 2 OF 4 SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	5
CONTRACT NO. 68116			ILLINOIS FED. AID PROJECT	

REV

RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE BRIDGE
				0004	0011
				S.N. 029-0076	S.N. 029-0076
50901050	STEEL RAILING, TYPE SM	FOOT	103		103
51201400	FURNISHING STEEL PILES HP10X42	FOOT	498		498
51202305	DRIVING PILES	FOOT	498		498
51203400	TEST PILE STEEL HP10X42	EACH	1		1
51500100	NAME PLATES	EACH	1		1
58100200	WATERPROOFING MEMBRANE SYSTEM	SO YD	160		160
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	37.5		37.5
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	87.5	87.5	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2	
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	2	2	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	
63200310	GUARDRAIL REMOVAL	FOOT	173	173	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5	
67100100	MOBILIZATION	LSUM	1	1	

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* SPECIALTY ITEMS



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.S. RTE. 457	SECTION (11A)BR-1	COUNTY FULTON	TOTAL SHEETS 47	SHEET NO. 6
ILLINOIS FED. AID PROJECT				CONTRACT NO. 68116

REV

702 00 037

RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL ROADWAY	80% FEDERAL BRIDGE
				20% STATE 0004 S.N. 029-0076	20% STATE 0011 S.N. 029-0076
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	LSUM	1	1	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1650	1650	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8	
X0323260	SEDIMENT BASIN	EACH	1	1	
X6310188	TRAFFIC BARRIER TERMINAL, TYPE 6A (MODIFIED)	EACH	2	2	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	90	90	
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	43	43	
9 Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	

* SPECIALTY ITEMS



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	CHECKED -	REVISED -

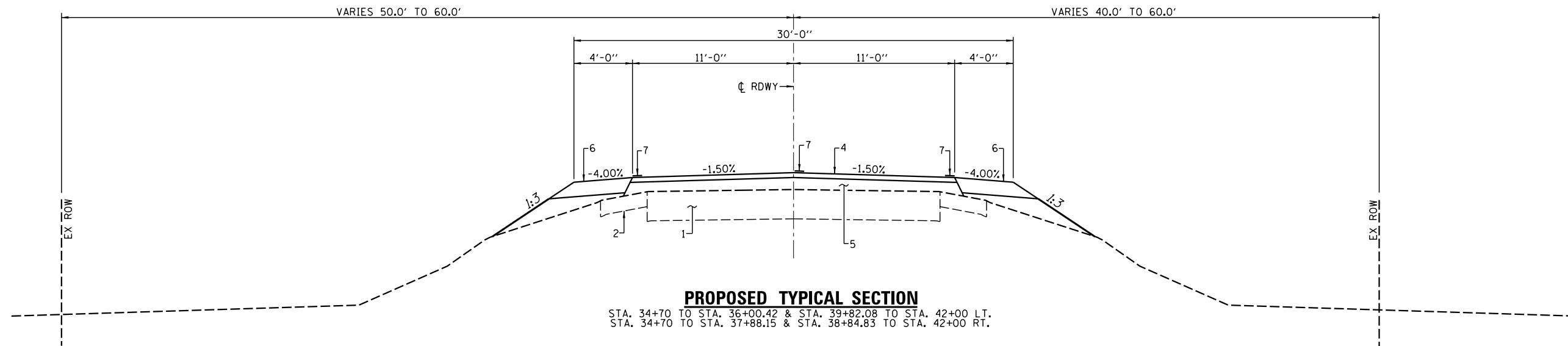
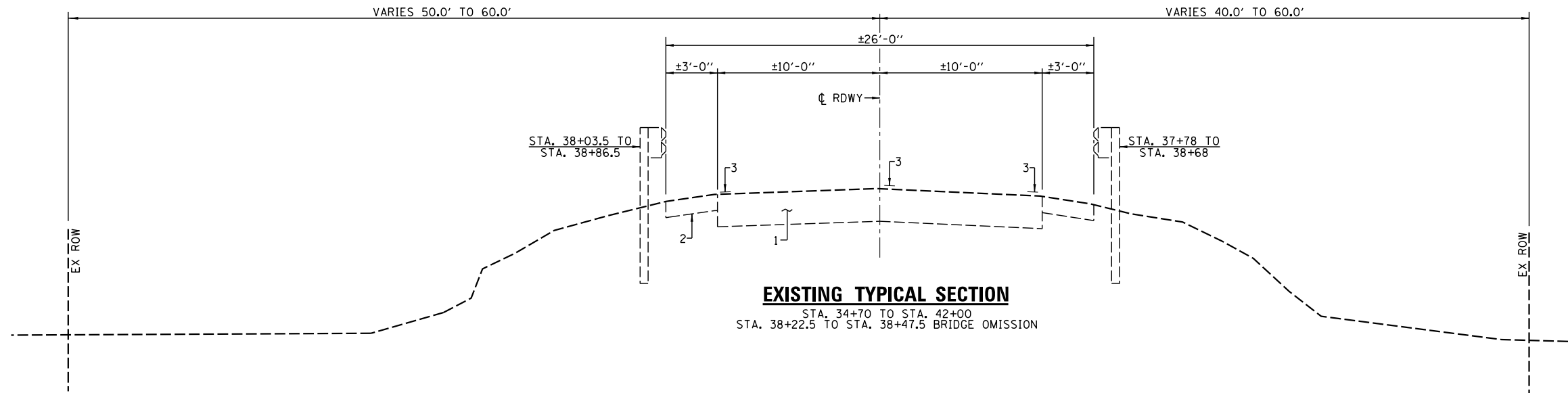
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET NO. 4 OF 4 SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(1)A18R-1	FULTON	47	7
CONTRACT NO. 68116				

REV



PAVEMENT LEGEND

1. EX PVMT WITH HMA SURFACE
2. EX AGG SHLD
3. EX PVMT MRK
4. PR HMA SURF CRSE, 2"
5. PR BINDER CRSE (2 1/4" MIN)
6. PR AGG SHLD (6")
7. PR PVMT MRK
8. PR AGG. EROSION CONTROL 6"



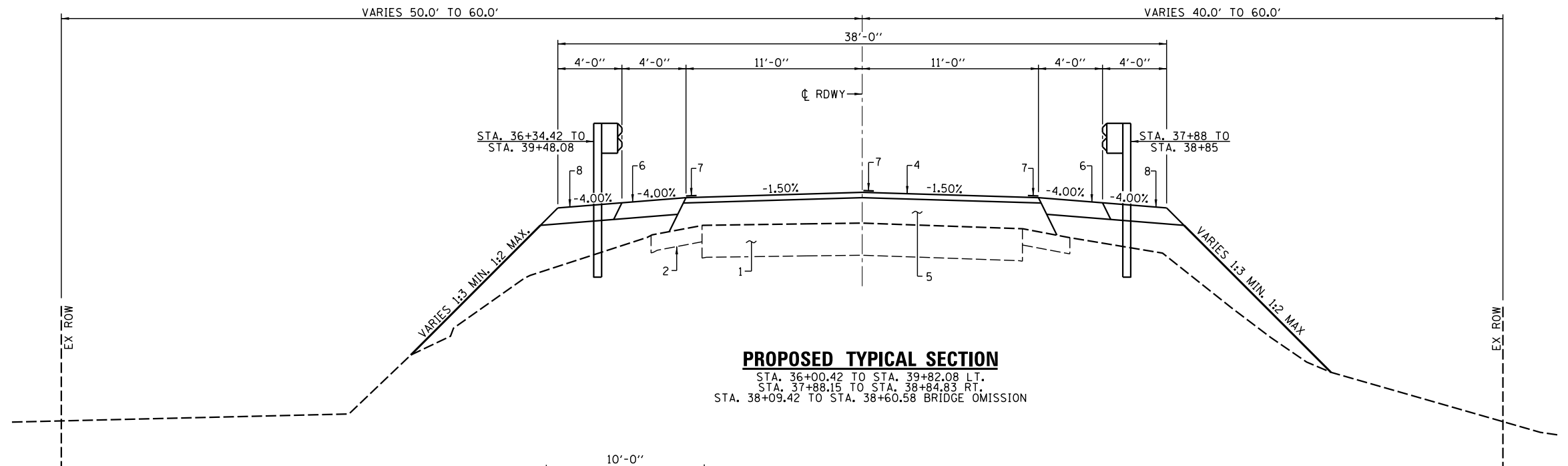
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PLOT DATE =	CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL ROADWAY SECTIONS

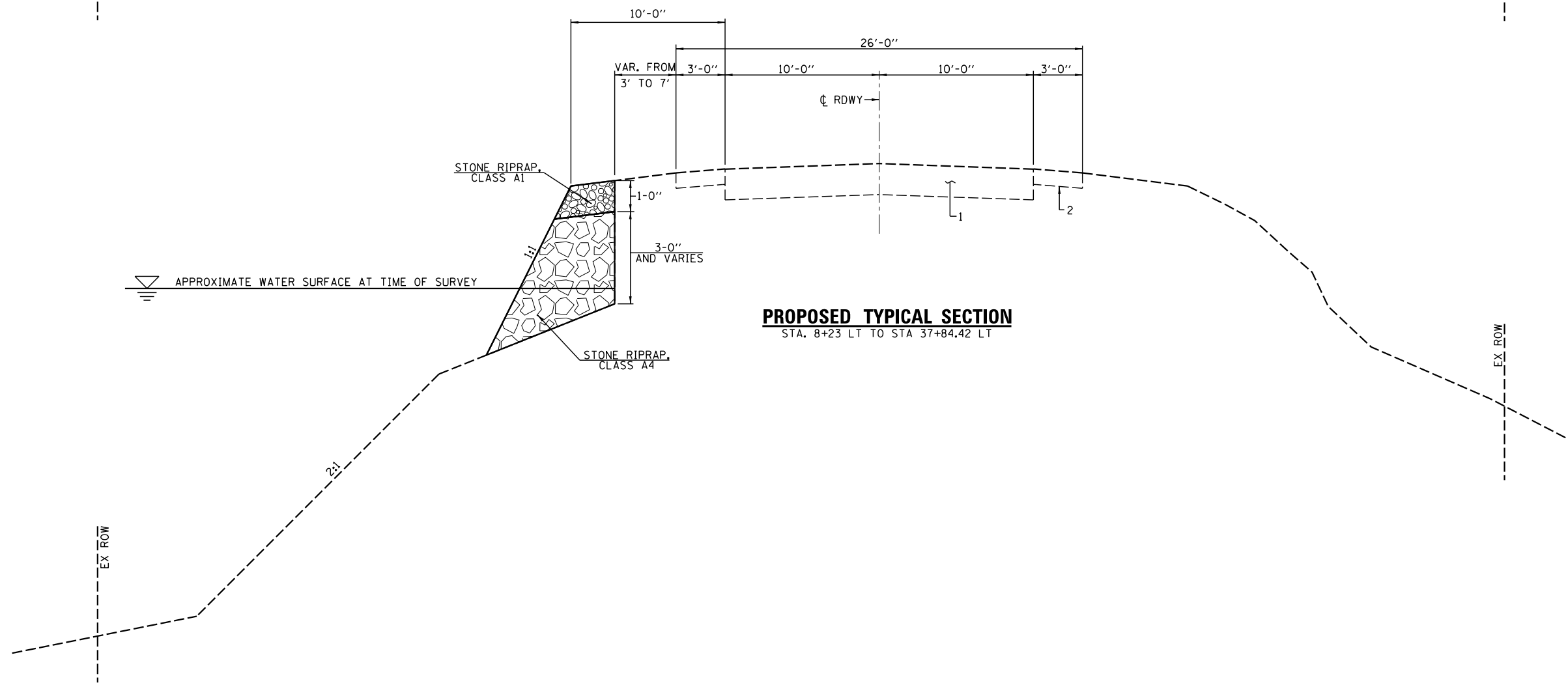
SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	8
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

STA. 36+00.42 TO STA. 39+82.08 LT.
 STA. 37+88.15 TO STA. 38+84.83 RT.
 STA. 38+09.42 TO STA. 38+60.58 BRIDGE OMISSION



PROPOSED TYPICAL SECTION

STA. 8+23 LT TO STA 37+84.42 LT

PAVEMENT LEGEND

1. EX PVMT WITH HMA SURFACE
2. EX AGG SHLD
3. EX PVMT MRK
4. PR HMA SURF CRSE, 2"
5. PR BINDER CRSE (2 1/4" MIN)
6. PR AGG SHLD (6")
7. PR PVMT MRK
8. PR AGG. EROSION CONTROL 6"



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL ROADWAY SECTIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	9
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL				
LOCATION	28000250	28000315	28000400	X0323260
	TEMPORARY EROSION CONTROL SEEDING	AGGREGATE DITCH CHECKS	PERIMETER EROSION BARRIER	SEDIMENT BASIN
	POUND	TON	FOOT	EACH
STA. 34+70 TO STA. 42+00, LT. & RT.	90			
STA. 38+28 TO STA. 38+44, 30' RT.		9		
STA. 34+70 TO STA. 38+00, 49' LT.			330	
STA. 34+70 TO STA. 37+60, 39' RT.			290	
STA. 38+70 TO STA. 42+00, 59' LT.			330	
STA. 39+00 TO STA. 42+00, 59' RT.			300	
STA. 38+32 TO STA. 38+40, 37' RT.				1
TOTAL	90	9	1250	1

70101830 - TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	
LOCATION	QUANTITY
	LUMP SUM
STA. 34+70 TO STA. 42+00	1
TOTAL	1

44000100 - PAVEMENT REMOVAL	
LOCATION	PAVEMENT REMOVAL
	SO. YD.
STA. 38+09.42 TO STA. 38+22.50	29
STA. 38+47.50 TO STA. 38+60.58 RT.	29
TOTAL	58

78200005 - GUARDRAIL REFLECTORS, TYPE A	
LOCATION	GUARDRAIL REFLECTORS
	EACH
STA. 36+34.42 TO STA. 38+09.42 LT.	4
STA. 38+60.58 TO STA. 39+48.08 RT.	4
TOTAL	8

STONE RIPRAP		
LOCATION	28100201	28100207
	STONE RIPRAP CLASS A1	STONE RIPRAP CLASS A4
	TON	TON
STA. 8+23 TO STA. 37+84.42 LT.	561	3383
TOTAL	561	3383

67000400 - ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	QUANTITY
	CAL. MO.
STA. 34+70 TO STA. 42+00	5
TOTAL	5

Z0001002 - GUARDRAIL AGGREGATE EROSION CONTROL	
LOCATION	GUARDRAIL AGGREGATE EROSION CONTROL
	TON
STA. 36+00.42 TO STA. 38+09.42 LT.	22
STA. 37+73.52 TO STA. 38+09.42 RT.	4
STA. 38+60.58 TO STA. 38+96.48 RT.	4
STA. 38+60.58 TO STA. 39+82.08 LT.	13
TOTAL	43

Z0013798 - CONSTRUCTION LAYOUT	
LOCATION	CONSTRUCTION LAYOUT
	L SUM
STA. 34+70 TO STA. 42+00	1
TOTAL	1

67100100 - MOBILIZATION	
LOCATION	QUANTITY
	L SUM
STA. 34+70 TO STA. 42+00	1
TOTAL	1

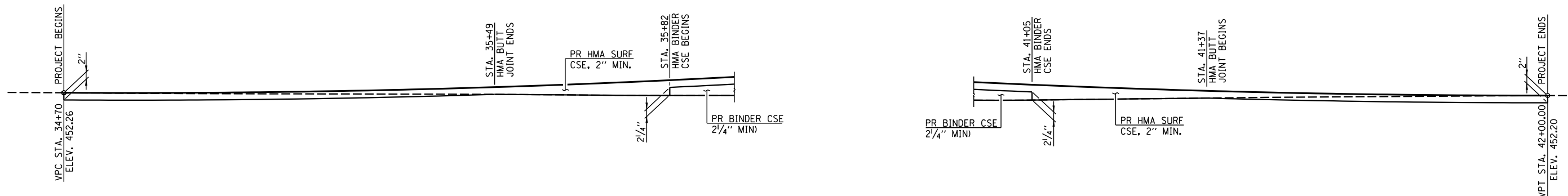


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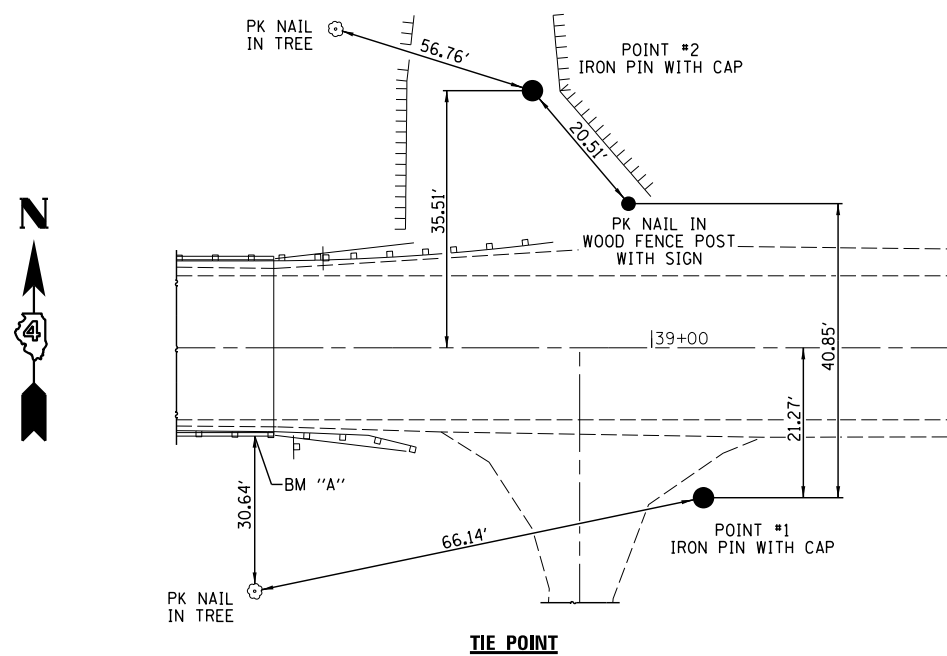
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES		
SCALE:	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.
SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	11
			CONTRACT NO. 68116	
ILLINOIS FED. AID PROJECT				



BUTT JOINT DETAIL



TIE POINT

LOCATION	NORTHING	EASTING	STATION & OFFSET	ELEVATION
POINT #1	1338633.94	2313721.84	STA. 39+05 15.6' RT.	452.12
POINT #2	1338690.78	2313698.80	STA. 38+88 26.8' LT.	451.89
BM "A"	CHISELED "□" S.E. CNR BRIDGE		STA. 38+47 12.3' RT.	453.27



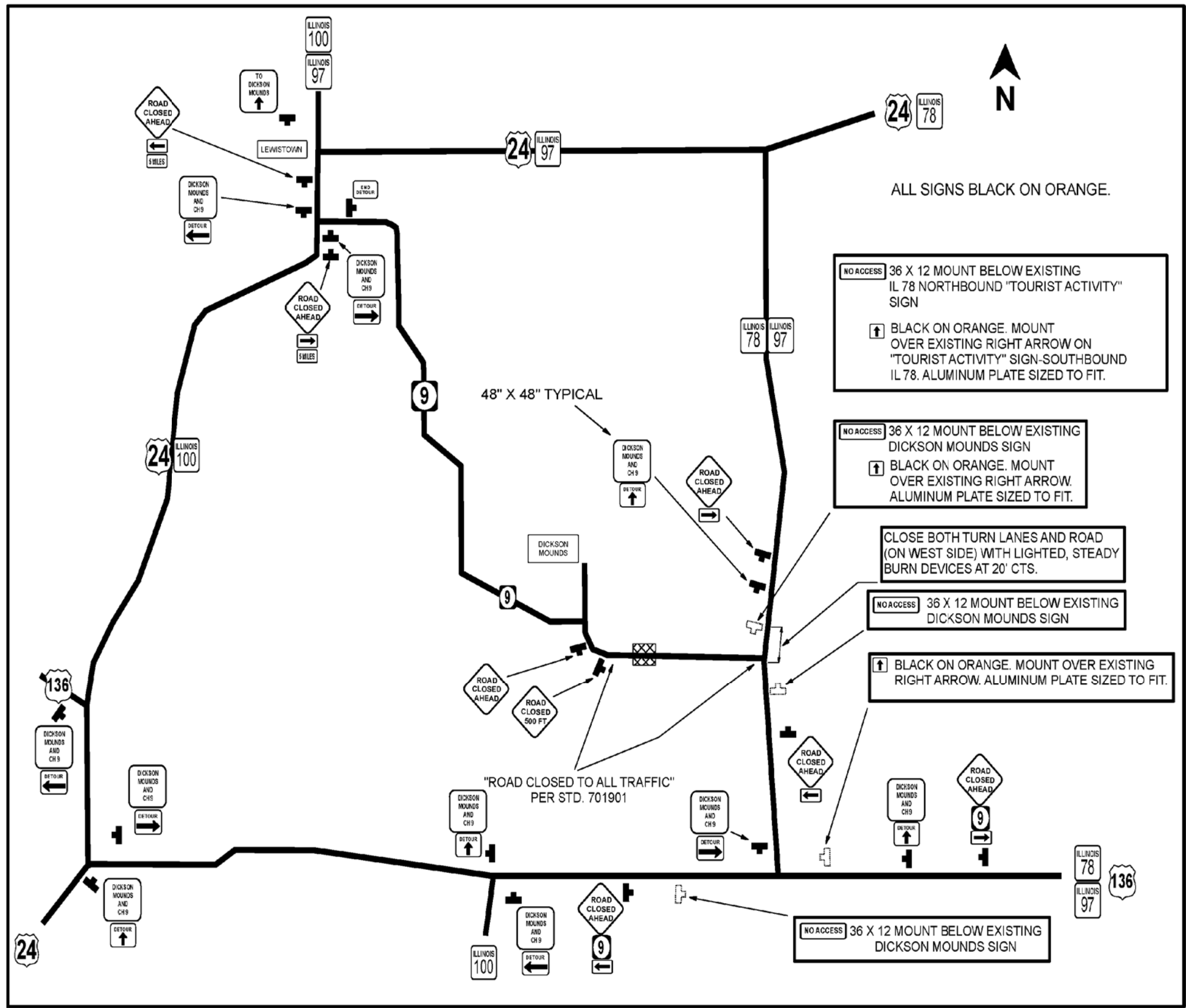
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	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS TIES, BENCHMARK AND BUTT JOINT DETAILS

SCALE: VARIES SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	12
			CONTRACT NO. 68116	
ILLINOIS FED. AID PROJECT				



ALL SIGNS BLACK ON ORANGE.

CONTRACTOR SHALL NOTIFY THE FOLLOWING ENTITIES A MINIMUM OF TWO WEEKS PRIOR TO CLOSING:

DICKSON MOUNDS MUSEUM- Christa Foster
309-547-3721- christa.foster@illinois.gov

LOCAL SCHOOL DISTRICTS

POLICE/FIRE/EMS

FULTON COUNTY ENGINEER

US POSTAL SERVICE.

U.S. FISH & WILDLIFE- Bob Barry-309-535-2290



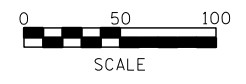
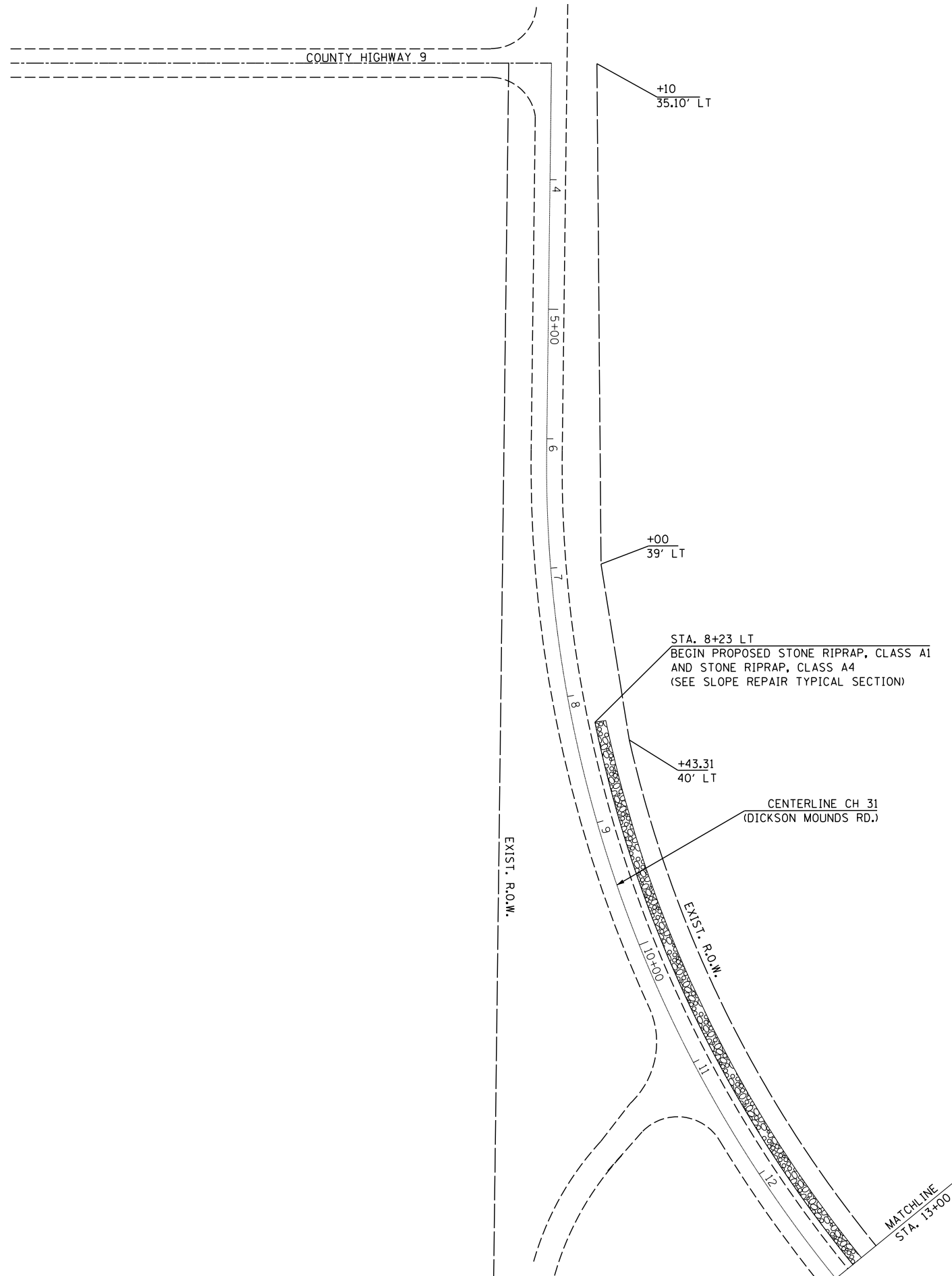
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CHECKED -	REVISED -	
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	13
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				



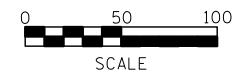
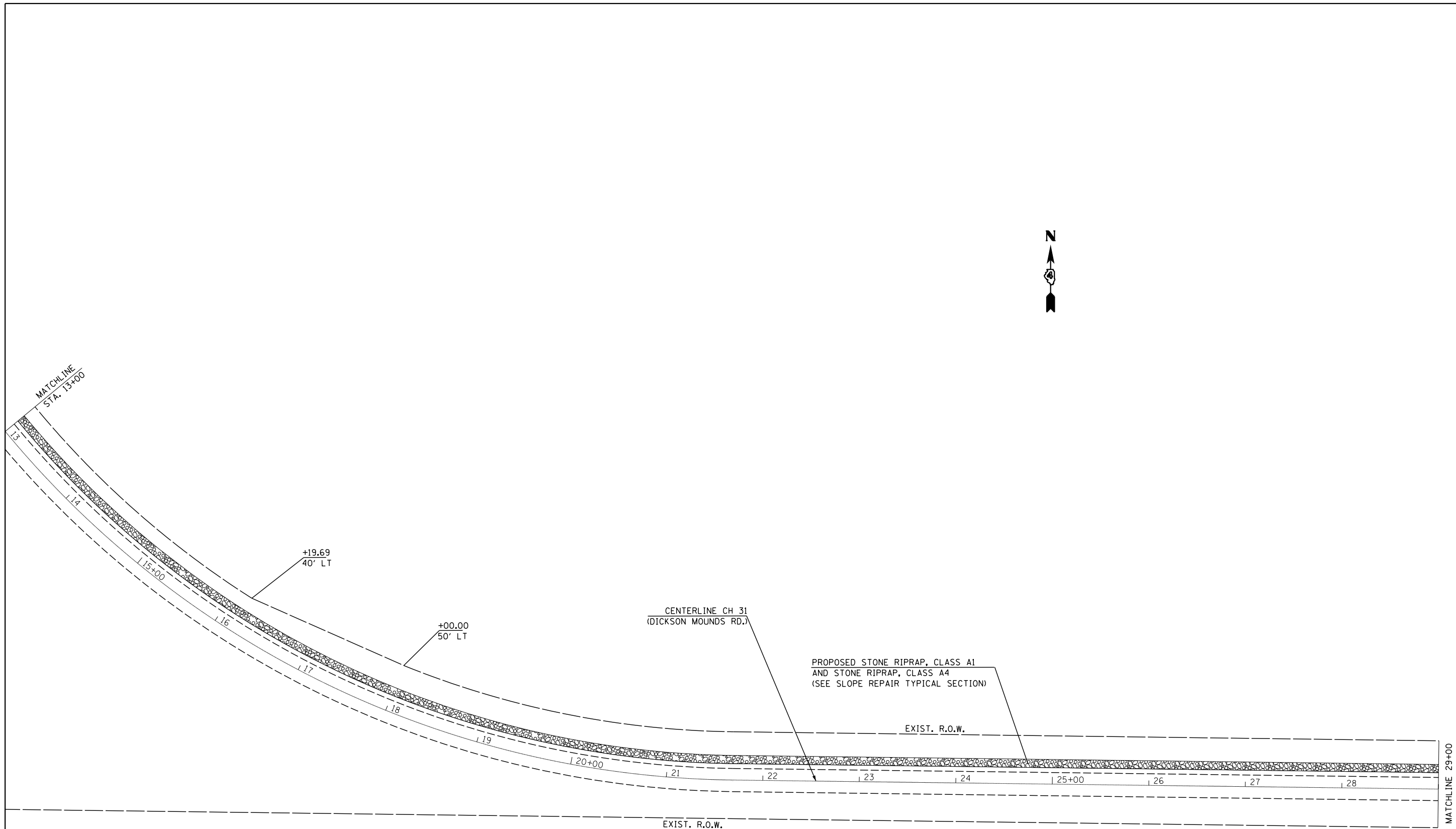
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	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE REPAIR PLAN

SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	15
CONTRACT NO. 68116			ILLINOIS FED. AID PROJECT	



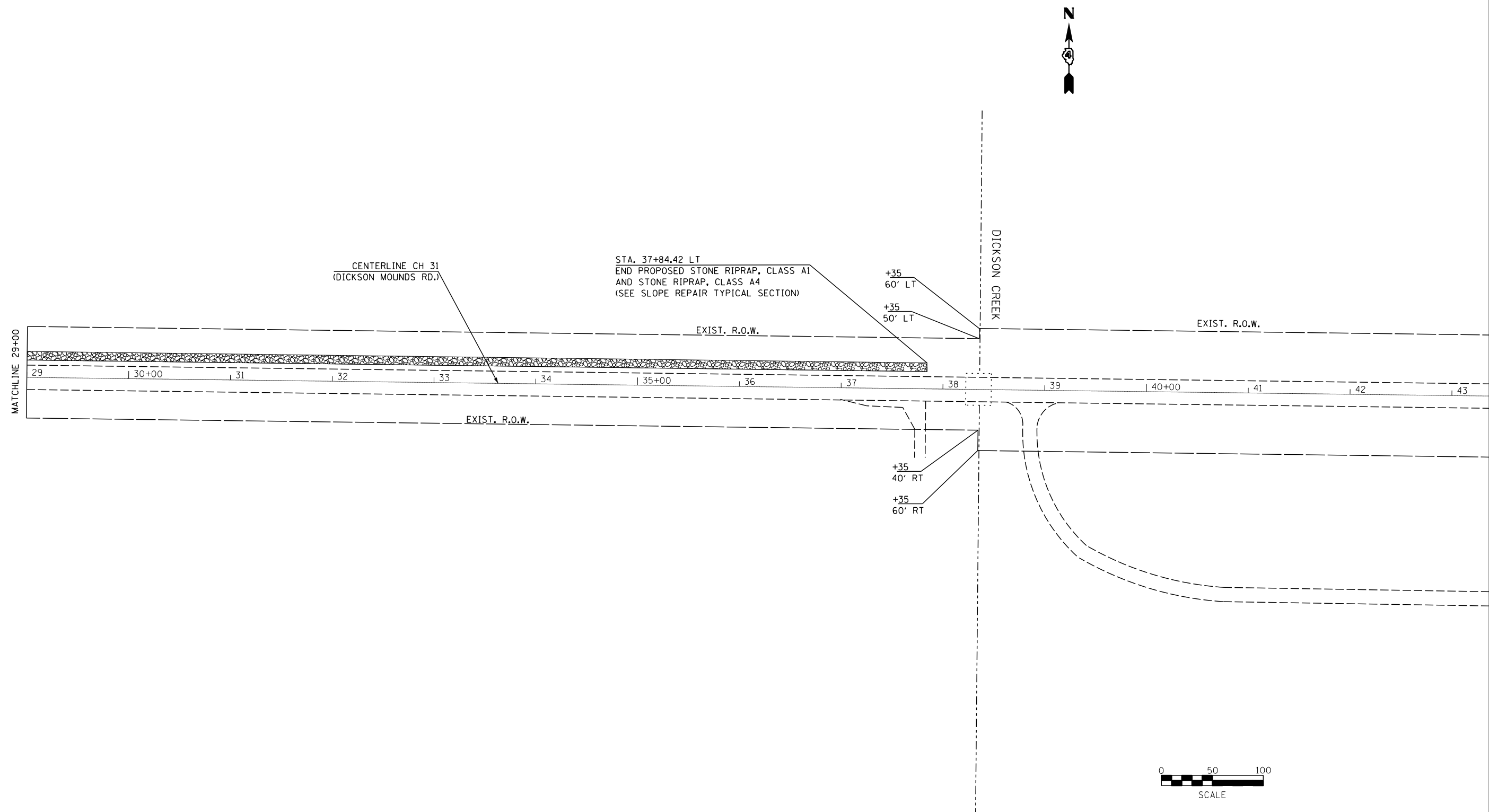
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PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SLOPE REPAIR PLAN

SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	16
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				



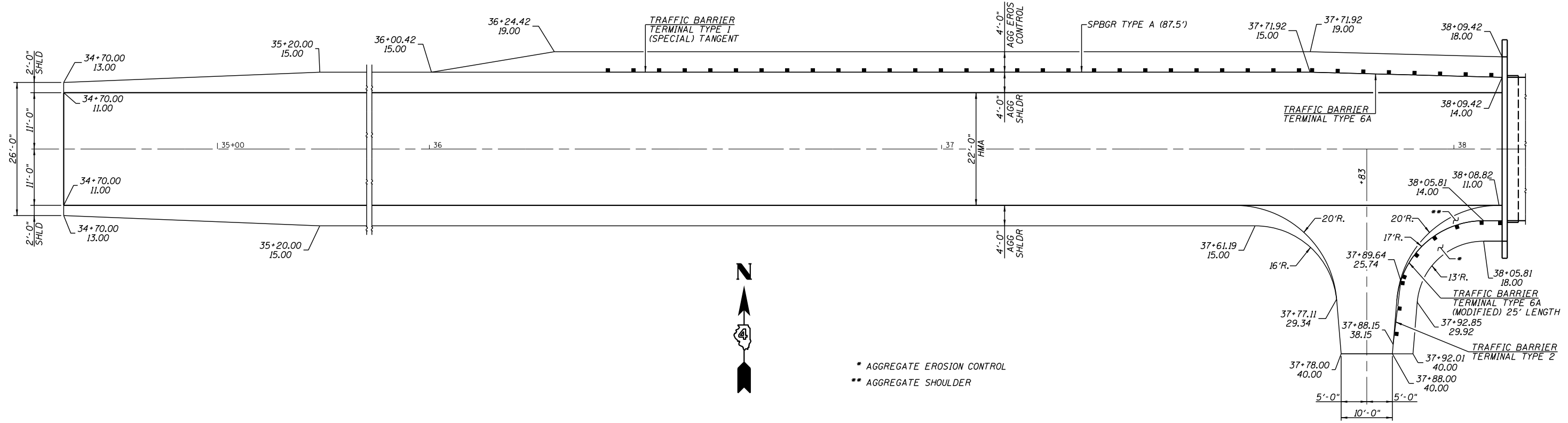
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PLOT DATE =	CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

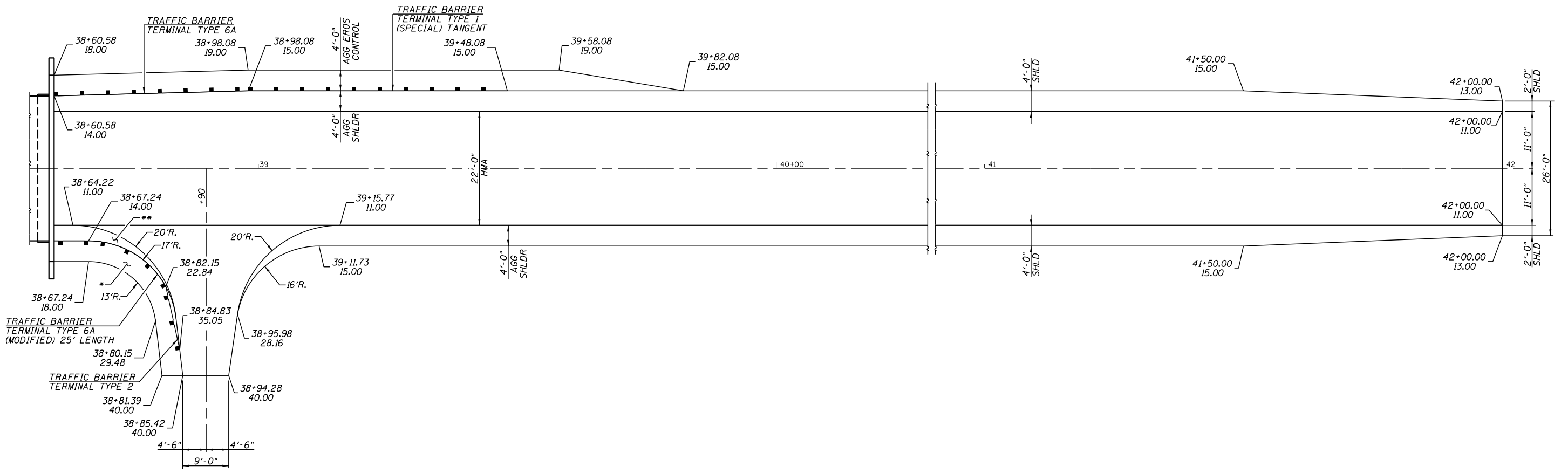
SLOPE REPAIR PLAN

SCALE: 1" = 50' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68116	



* AGGREGATE EROSION CONTROL
 ** AGGREGATE SHOULDER



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PLOT DATE =	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GUARDRAIL LAYOUT

SCALE: 1" = 10' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	18
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				

Benchmark: Chiseled "□" on southeast corner of bridge. East end of south concrete guardrail
Sta. 38+47. 12.3' Rt. El. 453.27

Existing Structure: S.N. 029-0049 Built in 1939 as a single span concrete deck on steel stringers on closed timber abutments.
±25'-0" Out.-Out. deck, ±25'-0" Bk.-Bk. abutments. The existing structure is to be removed and replaced
with a P.P.C. Deck Beam structure. Traffic to be detoured. Project will be built under road closure.

No salvage.

WATERWAY INFORMATION

Drainage Area = 1.53 mi ²		Exist. Low Grade Elev. 451.6 @ Sta. 45+00 Prop. Low Grade Elev. 451.6 @ Sta. 45+00							
Flood	Freq. Yr.	C.F.S.	Opening Sq. Ft.		H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	671	124	169	450.1	0.2	0.1	450.3	450.2
	20	821*	130	184	450.5	0.2	0.1	450.7	450.6
	50	888*	133	190	450.7	0.2	0.1	450.9	450.7
Base	100	917*	134	193	450.7	0.3	0.1	451.0	450.8
	200	946*	135	197	450.8	0.3	0.1	451.1	450.9
Max. Calc.	500	971*	135	200	450.9	0.3	0.1	451.2	451.0

10 year velocity through existing bridge = 5.8 fps

10 year velocity through prop. bridge = 4.6 fps

* A portion of this flow value overtops the levees upstream of the bridge and discharges to the floodplain

DESIGN SCOUR ELEVATION TABLE

Event / Limit	Design Scour Elevations (ft.)		
	W. Abut.	E. Abut.	Item I13
0100	448.37	448.37	8
0200	448.37	448.37	
Design	448.37	448.37	
Check	448.37	448.37	

INDEX OF SHEETS

1. General Plan & Elevation
2. General Data
3. Superstructure
4. P.P.C. Deck Beams
5. P.P.C. Deck Beam Details
6. Steel Railing, Type SM
7. Abutments
8. HP Pile Details
- 9-10. Boring Logs

DESIGN SPECIFICATIONS

2014 AASHTO LRFD Bridge Design Specifications, 7th Edition, with 2015 & 2016 Interims

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi

f'y = 60,000 psi (Reinforcement)

PRECAST PRESTRESSED UNITS

f'c = 6,000 psi

f'ci = 5,000 psi

fpu = 270,000 psi (1/2" φ low lax. strands)

fprt = 201,960 psi (1/2" φ low lax. strands)

LOADING HL-93

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

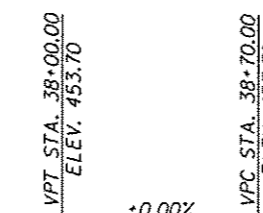
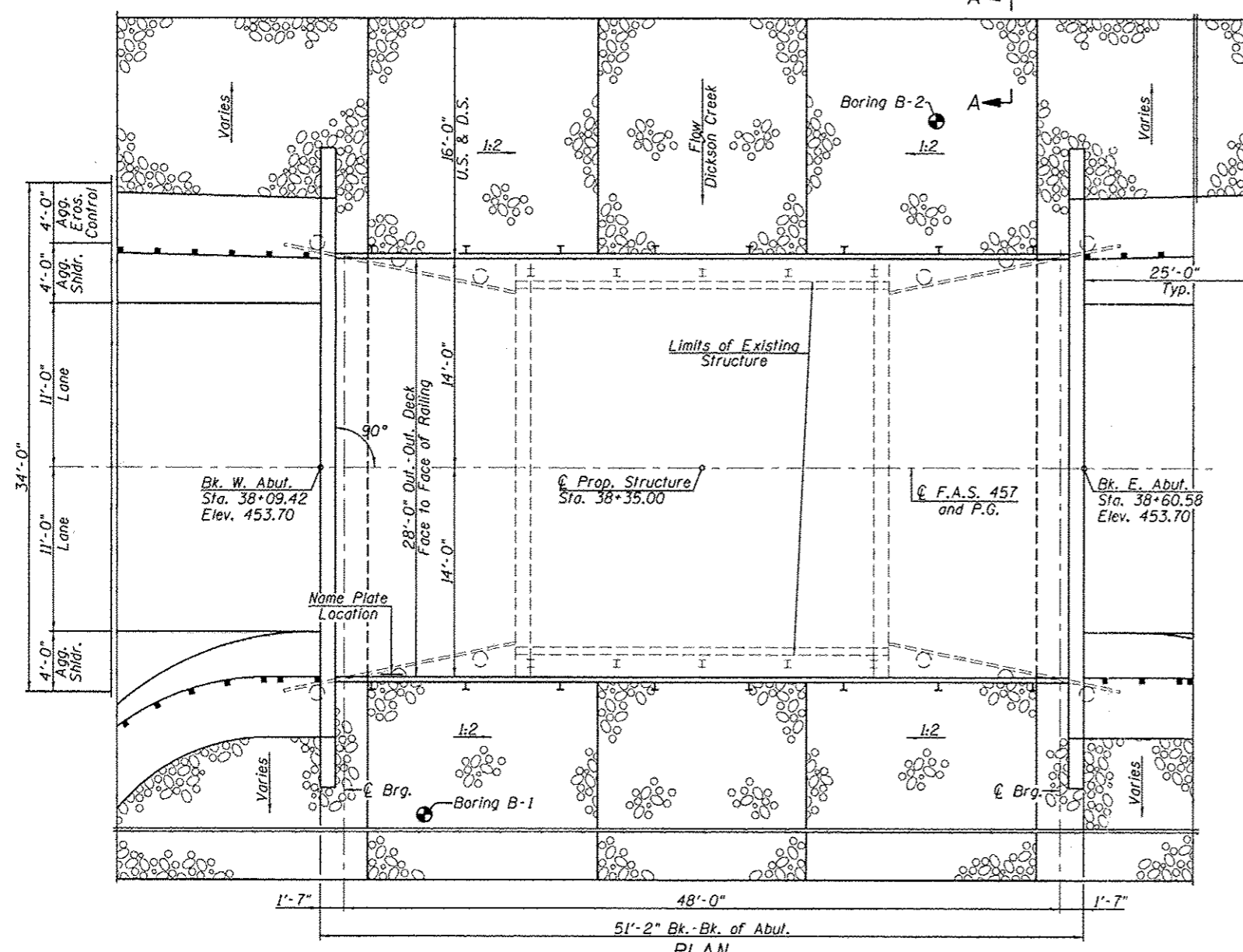
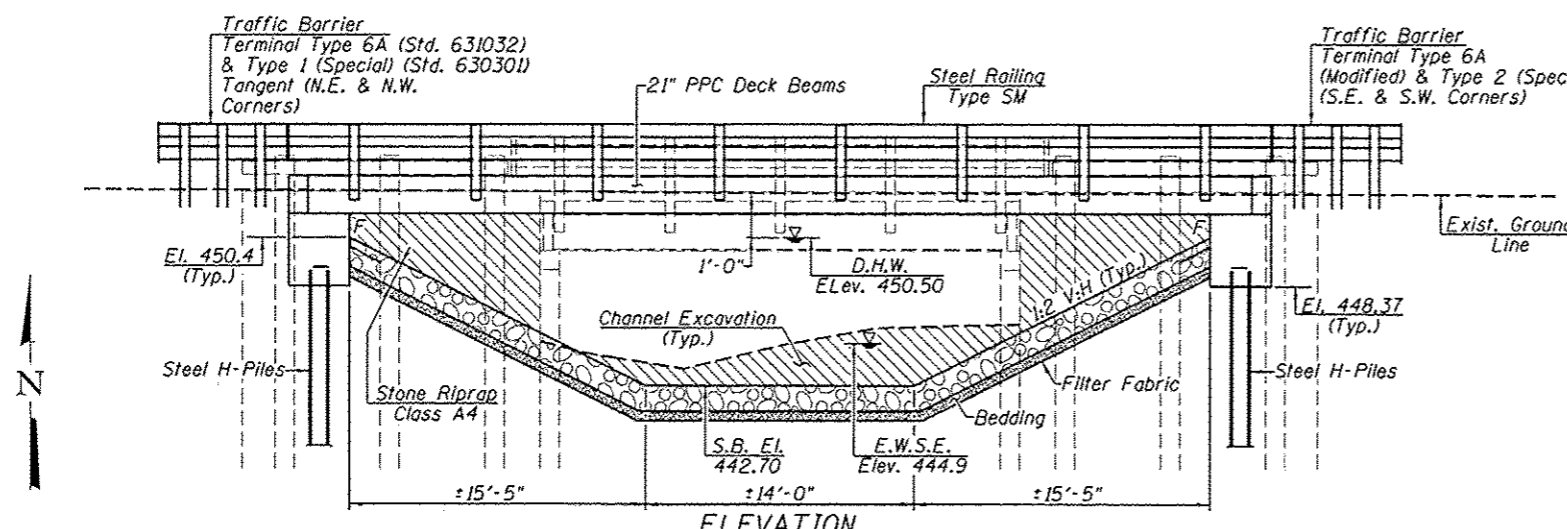
SEISMIC DATA

Seismic Performance Zone (SPZ) = 2

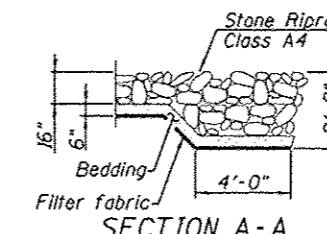
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.176 g

Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.302 g

Soil Site Class = E

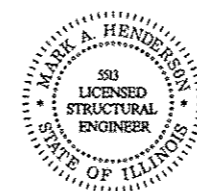


PROFILE GRADE
(Along C.R. Rdwy.)

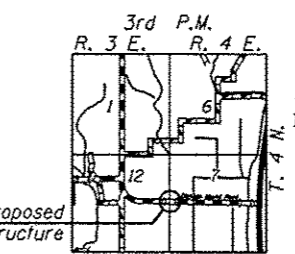


SECTION A-A

APPROVED
For Structural Adequacy Only
Mark A. Henderson
Engineer of Bridges & Structures



Mark A. Henderson 11/31/17
Expiration Date: 11/30/2018



LOCATION SKETCH

STATION 38+35.00
BUILT 20 BY
STATE OF ILLINOIS
F.A.S. RT. 457 - SEC. (11A)BR-1
LOADING HL93
STR. NO. 029-0076

NAME PLATE

(See Std. 515001)

GENERAL PLAN & ELEVATION
COUNTY HIGHWAY 31
OVER DICKSON CREEK
F.A.S. RTE. 457 - SEC. (11A)BR-1
FULTON COUNTY
STATION 38+35
STRUCTURE NO. 029-0076



USER NAME *
PLOT SCALE *
PLOT DATE *

DESIGNED - KES
CHECKED - MAH
DRAWN - JRP
CHECKED - MAH

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 029-0076

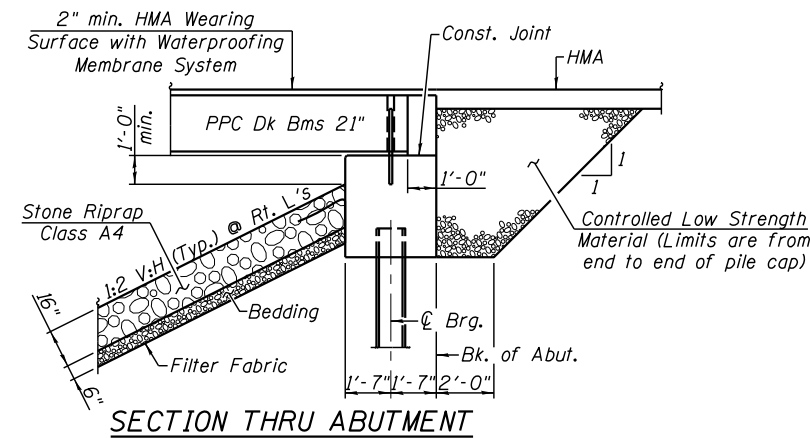
SHEET NO. 1 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	19

ILLINOIS FED. AID PROJECT

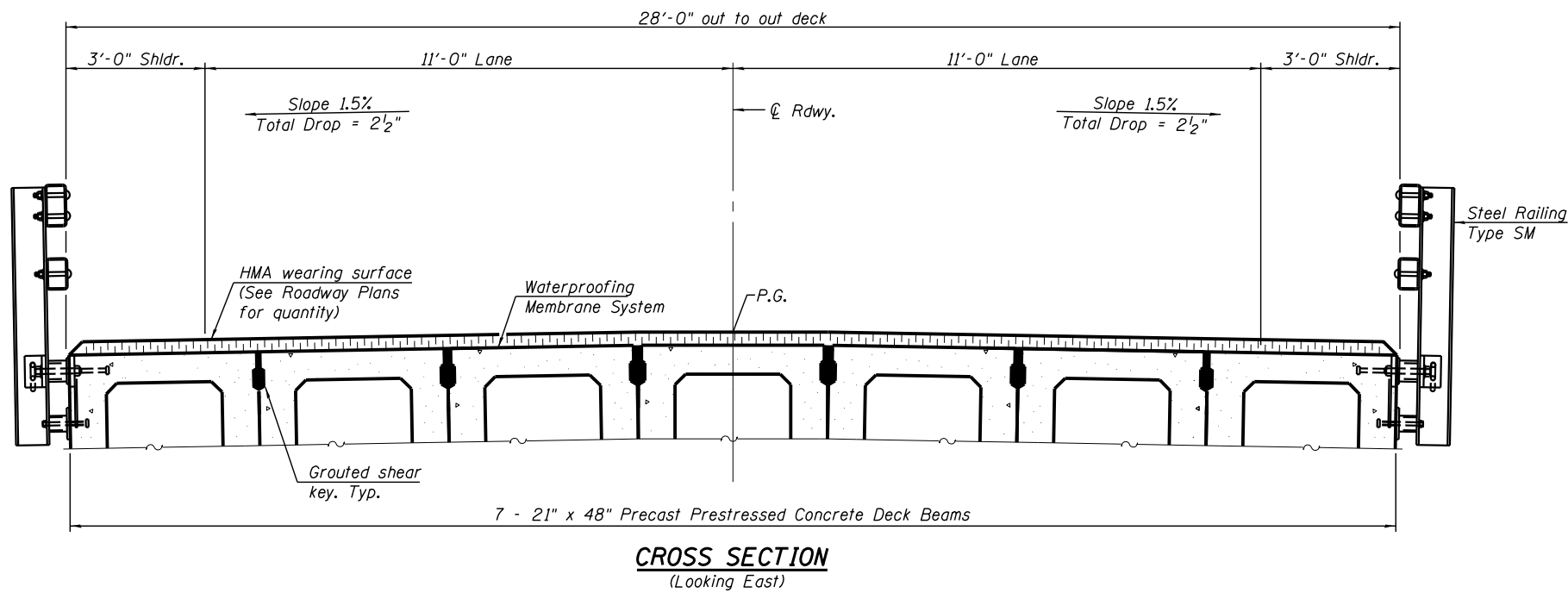
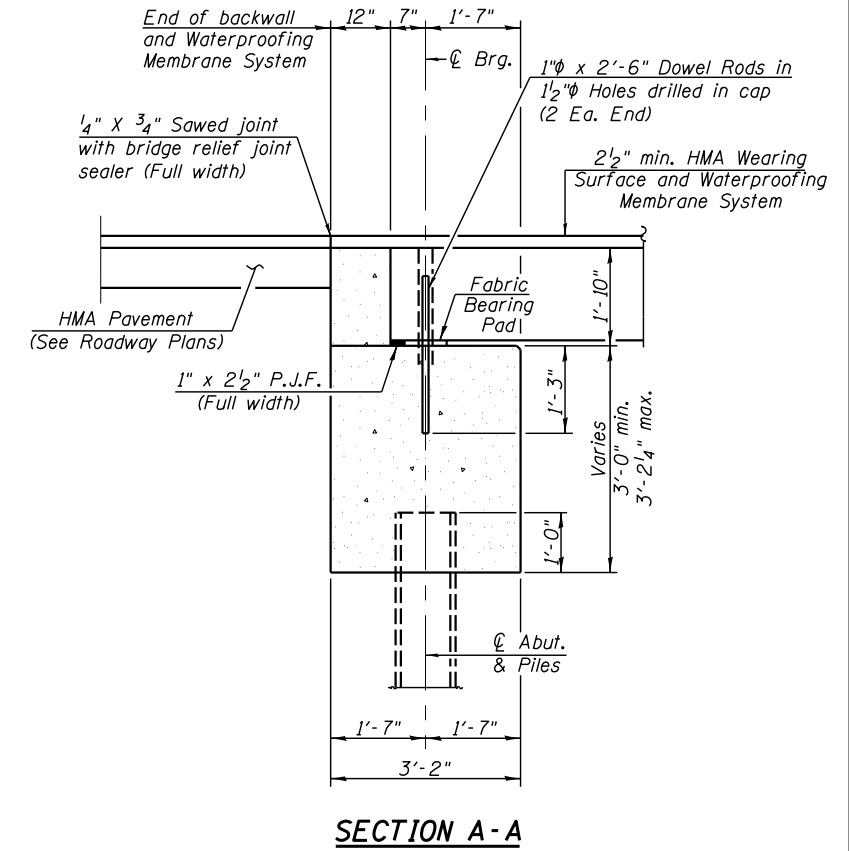
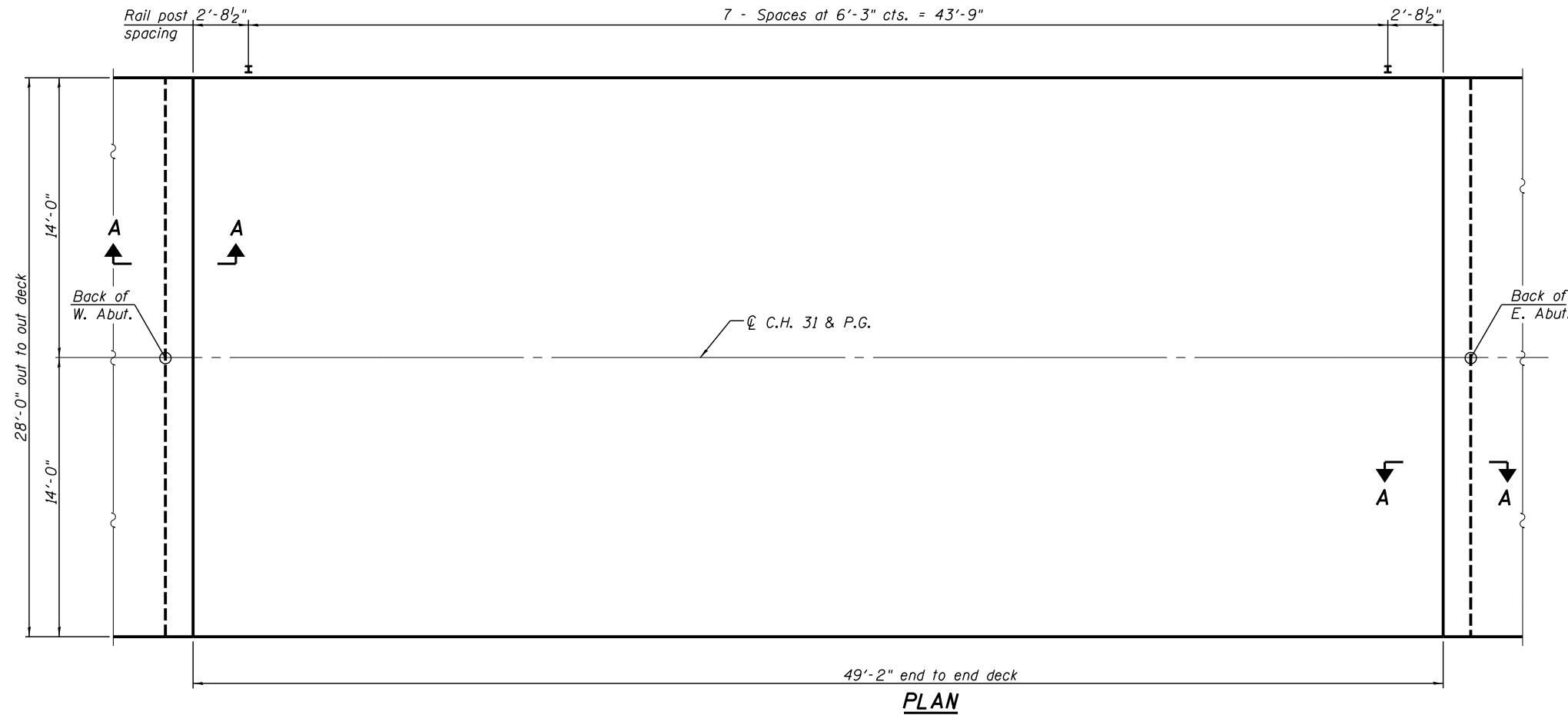
TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Stone Riprap, Class A4	Sq. Yd.			477
Filter Fabric	Sq. Yd.			477
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.		96	96
Concrete Structures	Cu. Yd.		29.5	29.5
Precast Prestressed Concrete Deck Beams (21" Depth)	Sq. Ft.	1377		1377
Reinforcement Bars, Epoxy Coated	Pound		3690	3690
Steel Railing, Type SM	Foot	103		103
Furnishing Steel Piles HP 10x42	Foot		498	498
Driving Piles	Foot		498	498
Test Pile Steel HP 10x42	Each	1		1
Name Plates	Each			1
Waterproofing Membrane System	Sq. Yd.	160		160
Controlled Low-Strength Material	Cu. Yd.		37.5	37.5
Hot-Mix Asphalt Surface Course, Mix "C", N50	Ton			23



GENERAL NOTES

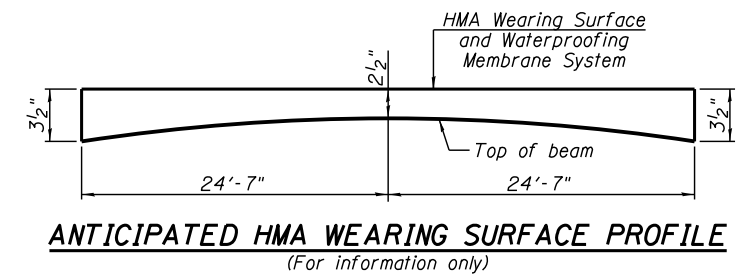
Reinforcement bars designated (E) shall be epoxy coated.
 Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
 The existing structural steel coating contains lead. The contractor shall take appropriate precautions to deal with the presence of lead on this project.



Notes:
See sheet 5 of 10 for fabric bearing pad details.
See sheet 6 of 10 for railing details.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Waterproofing Membrane System	Sq. Yd.	160



PDS-HMA-S-R34-0 7-1-10



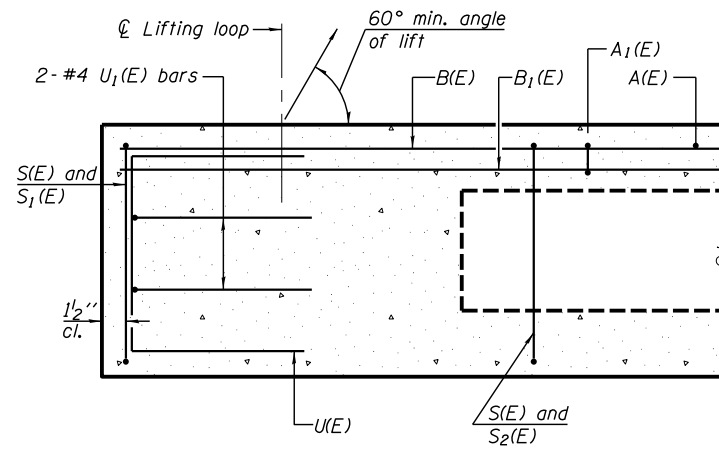
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STATE OF ILLINOIS
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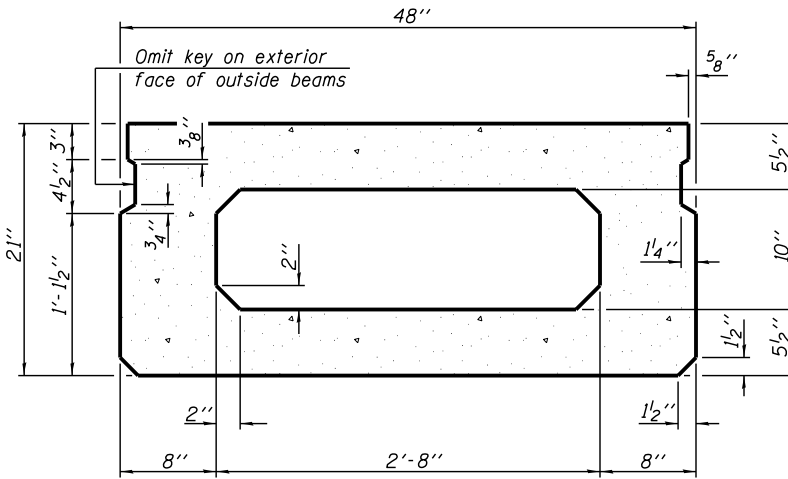
SUPERSTRUCTURE
STRUCTURE NO. 029-0076

SHEET NO. 3 OF 10 SHEETS

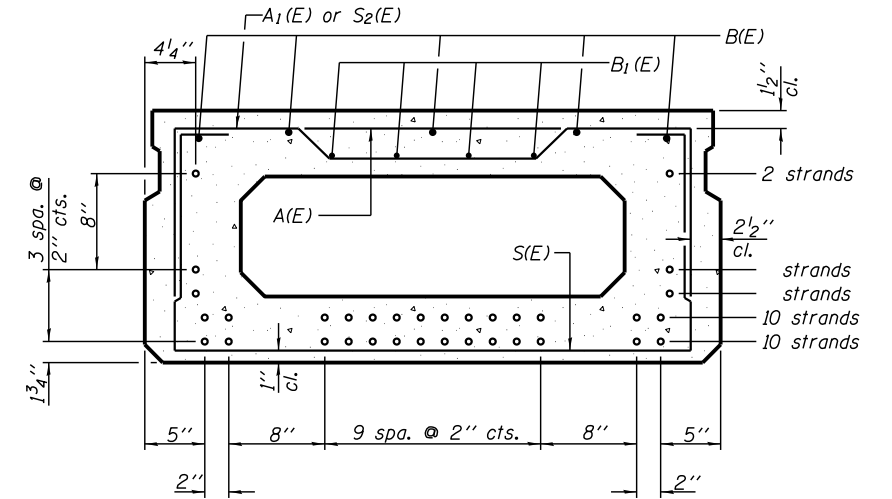
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	21
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				



SECTION A-A

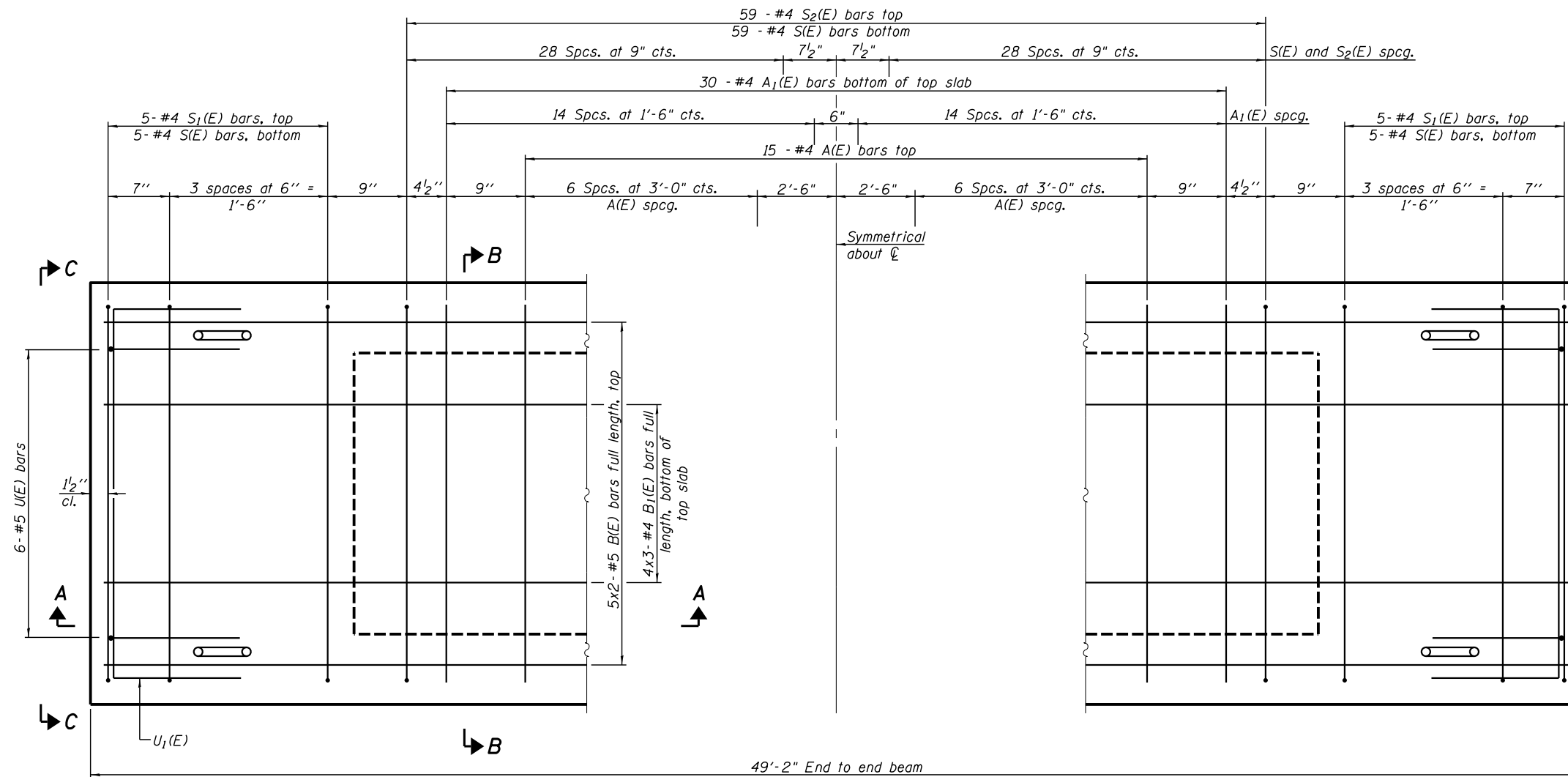


SECTION B-B
(Showing dimensions)



SECTION B-B
(Showing reinforcement and permissible strand locations)

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

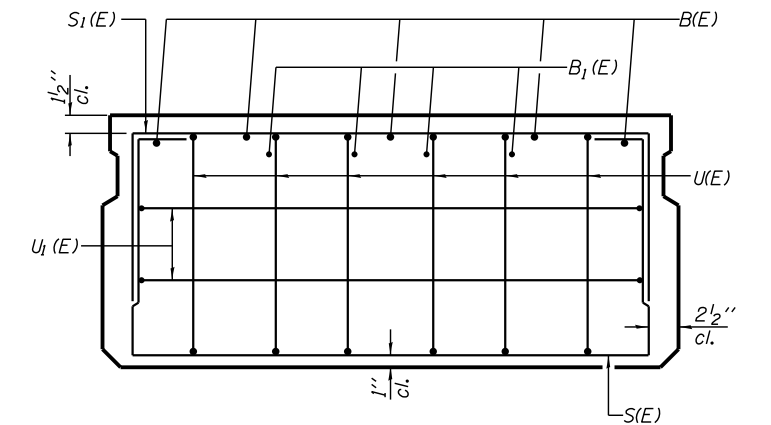


PLAN VIEW

Note: Spacing of S(E) and S2(E) bars may be adjusted up to 4\"/>

MINIMUM BAR LAP

#4 bar = 1'-11"
#5 bar = 2'-6"



VIEW C-C

BAR LIST
ONE BEAM ONLY

(For Information Only)

Bar	No.	Size	Length	Shape
A(E)	15	#4	3'-7"	—
A1(E)	30	#4	3'-10"	~
B(E)	10	#5	25'-9"	—
B1(E)	12	#4	17'-8"	—
S(E)	69	#4	7'-5"	□
S1(E)	10	#4	5'-11"	□
S2(E)	59	#4	6'-2"	□
U(E)	12	#5	4'-0"	□
U1(E)	4	#4	6'-0"	□

Notes:
See sheet 5 of 10 for additional details and Bill of Material.
Bars indicated thus 5x2-#5 etc. indicates 5 lines of bars with 2 lengths per line



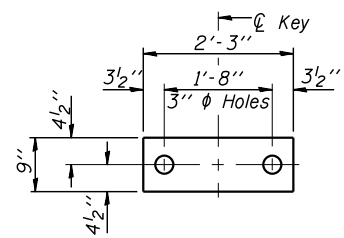
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PLOT DATE =	DRAWN - JRP	REVISED -
	CHECKED - MAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

21" x 48" PPC DECK BEAM
STRUCTURE NO. 029-0076

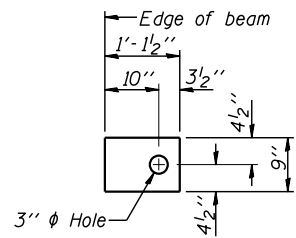
SHEET NO. 4 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	22
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				



FABRIC BEARING PAD

(Interior)



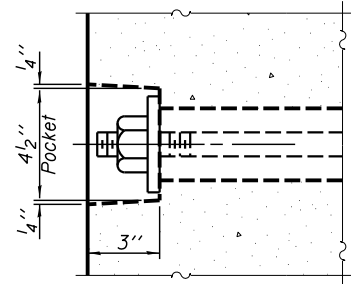
FABRIC BEARING PAD

(Exterior)

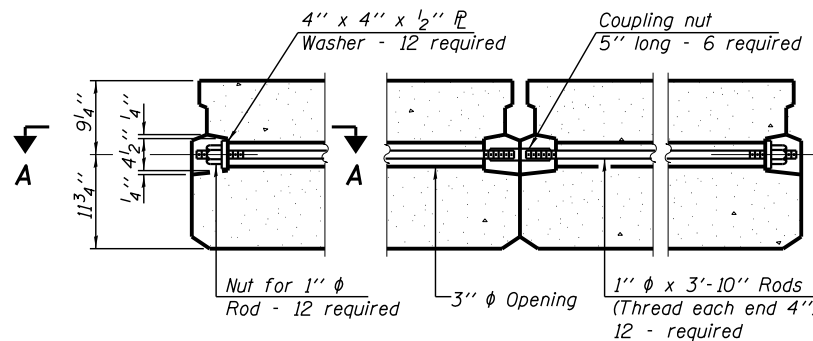
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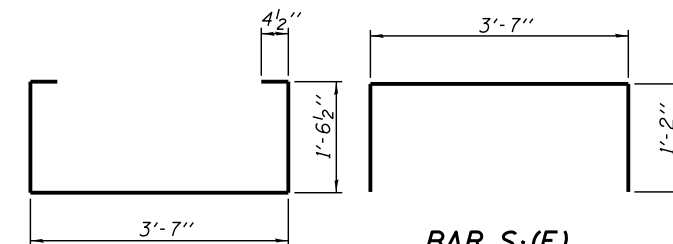
All bearing pads shall be 1" thick.
Omit holes when using expansion bearings.
Expansion bearing pad shall be bonded to the substructure.



SECTION A-A

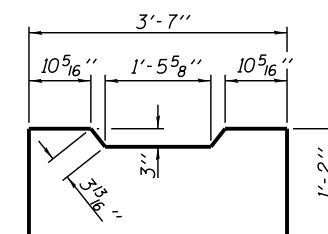


TYPICAL TRANSVERSE TIE ASSEMBLY



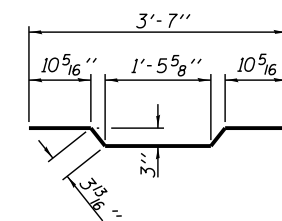
BAR S₁(E)

BAR S(E)

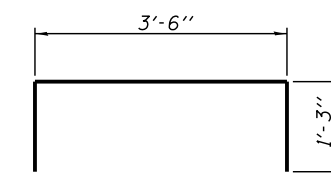


BAR U(E)

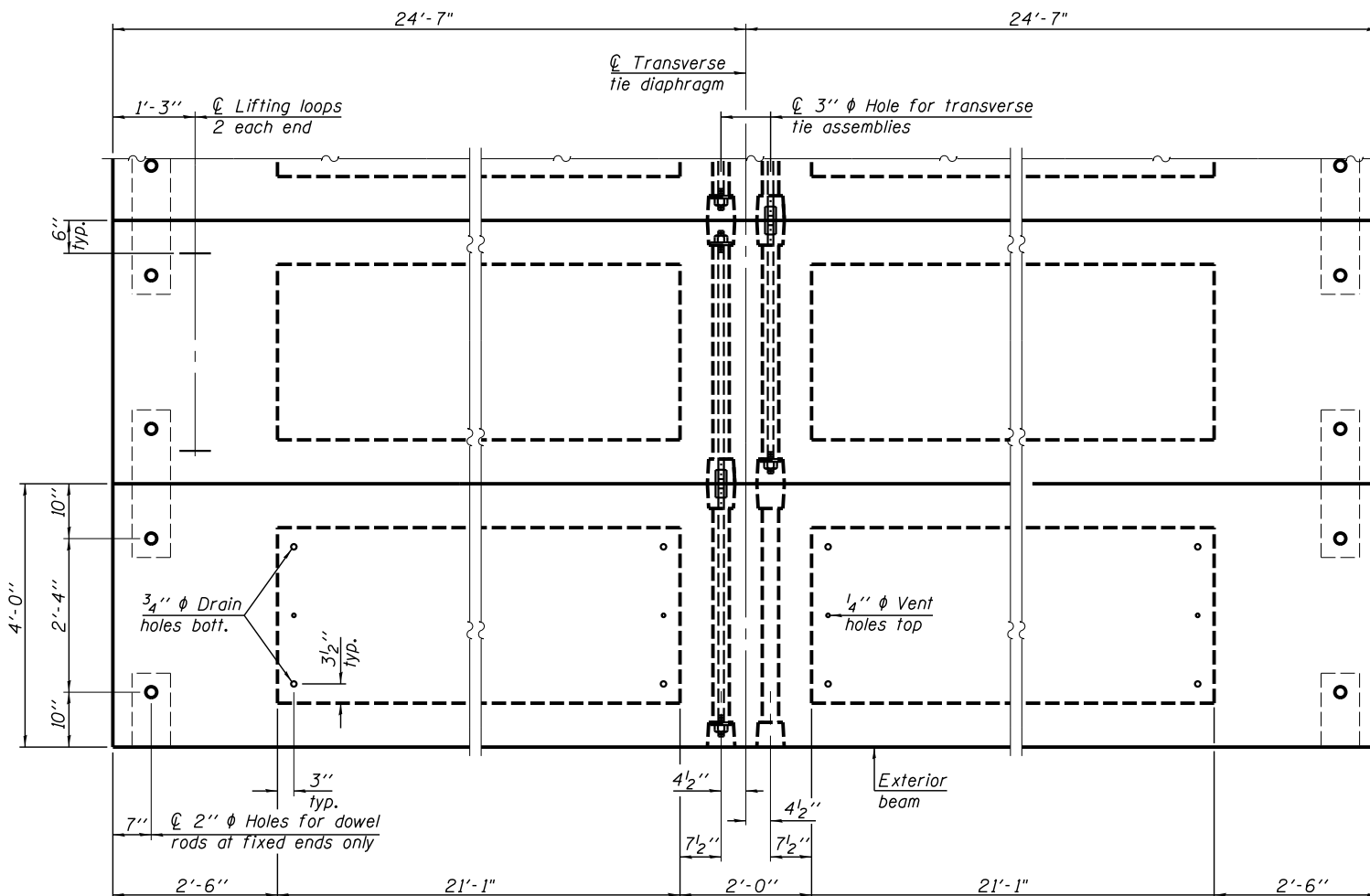
BAR S₂(E)



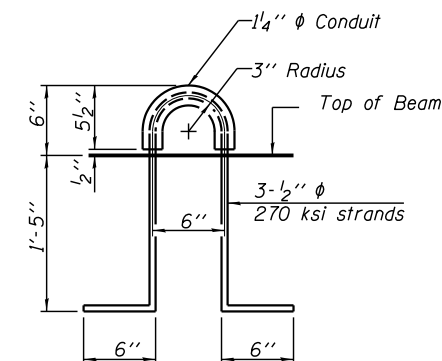
BAR A₁(E)



BAR U₁(E)



PLAN VIEW



LIFTING LOOP DETAIL

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (21" depth)	Sq. Ft.	1377
---	---------	------

Note: Connect beams in pairs with the transverse tie configuration shown.

NOTES

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.
Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
A minimum 2 1/2" diameter lifting pin shall be used to engage the lifting loops during handling.
Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
Compressive strength of prestressed concrete, f'c, shall be 6000 psi.
Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.



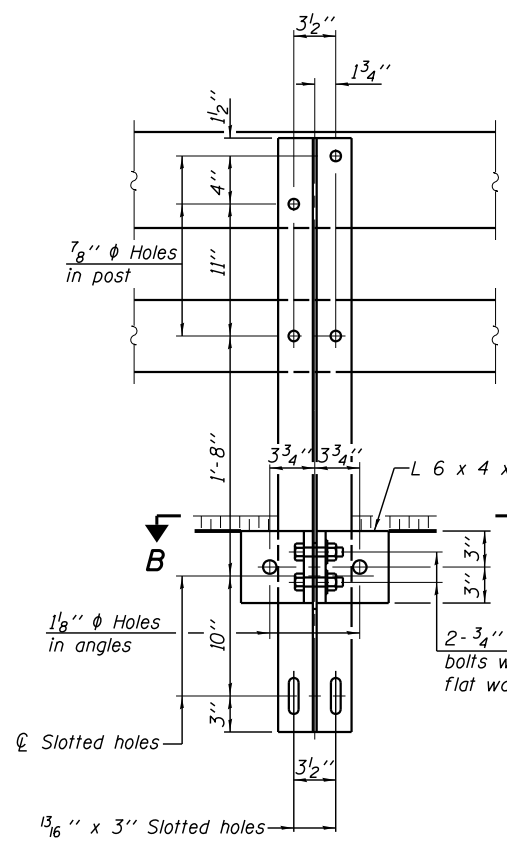
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PLOT SCALE =	CHECKED - MAH	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

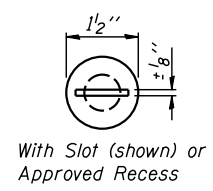
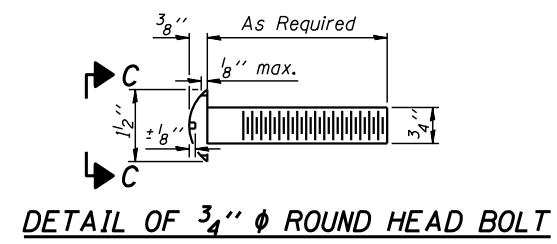
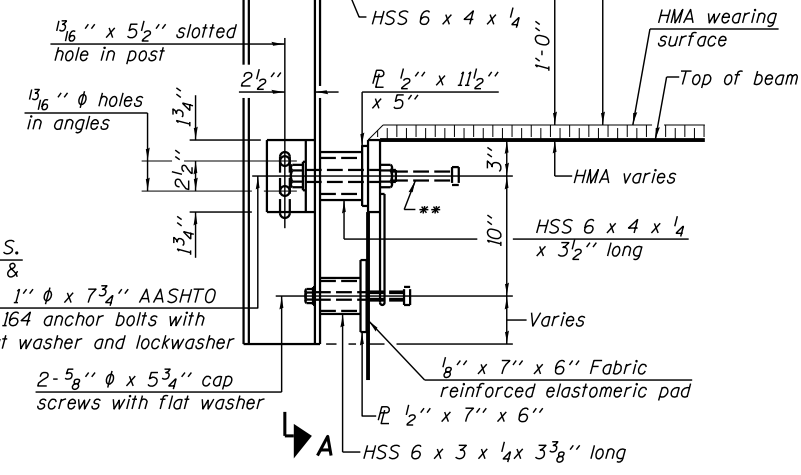
**21" x 48" PPC DECK BEAM DETAILS
STRUCTURE NO. 029-0076**

SHEET NO. 5 OF 10 SHEETS

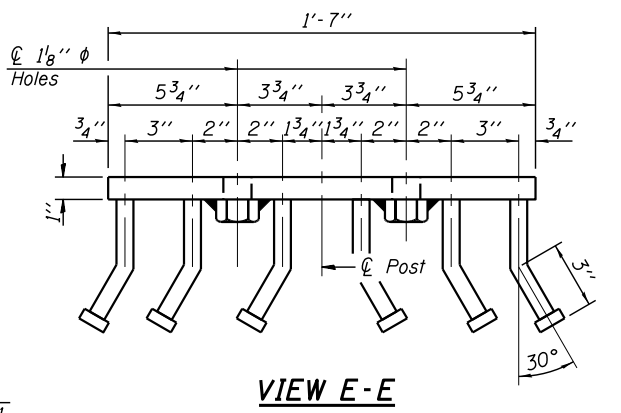
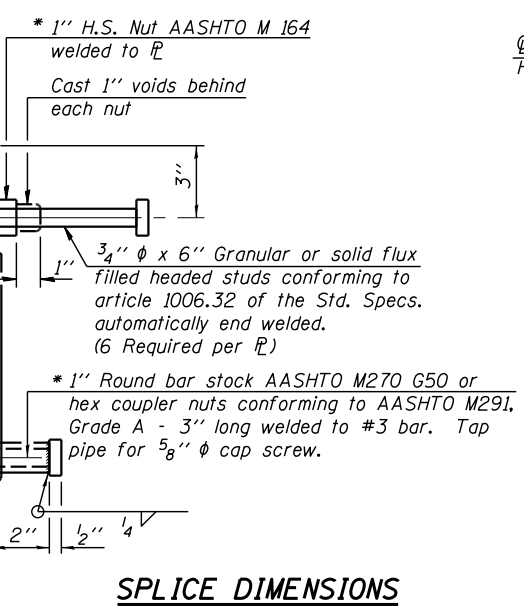
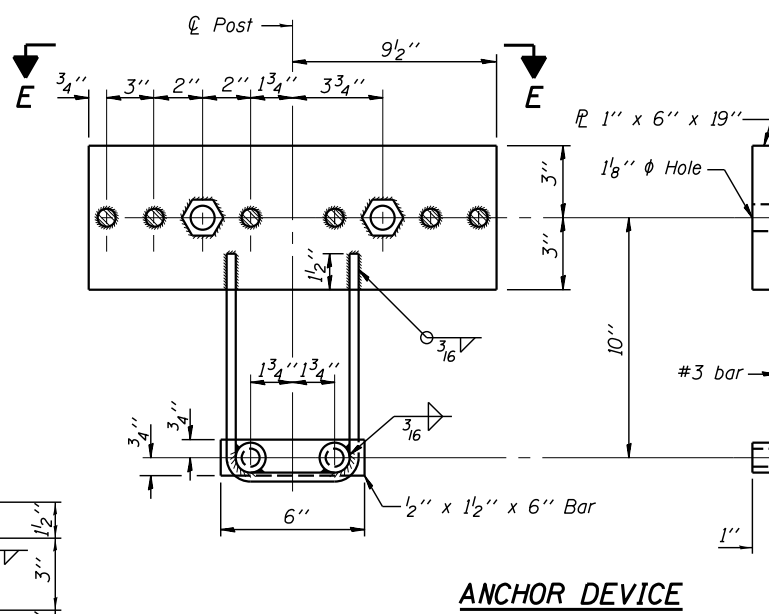
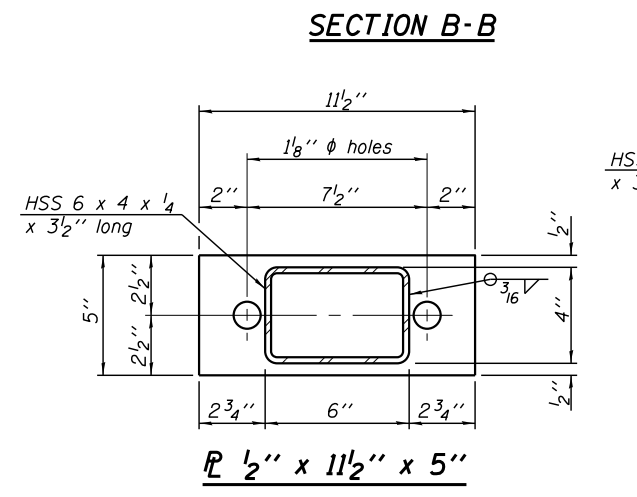
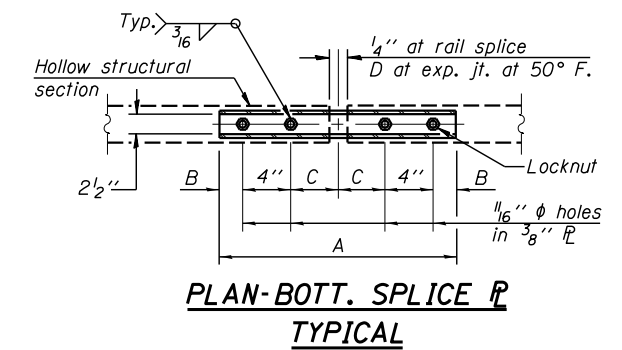
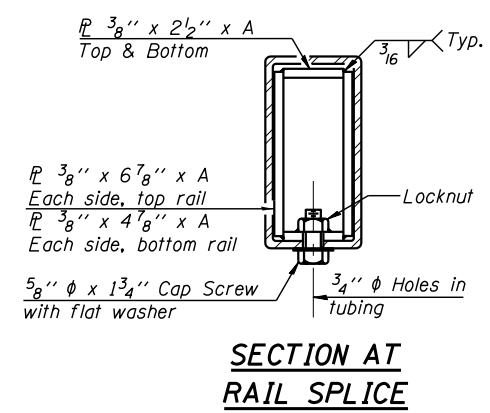
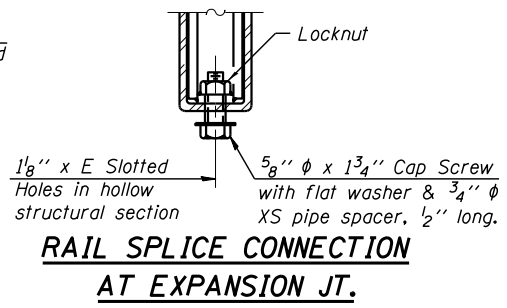
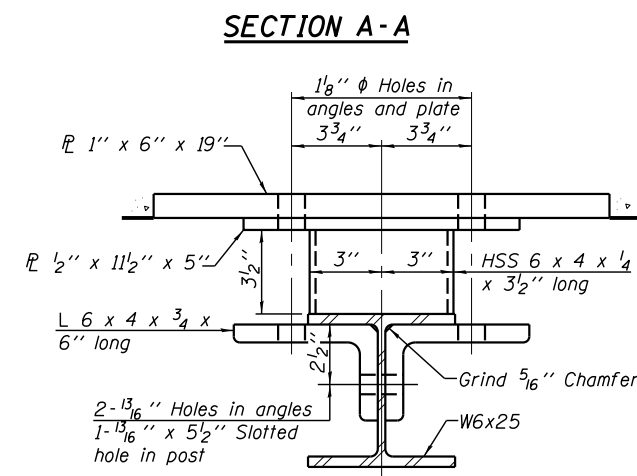
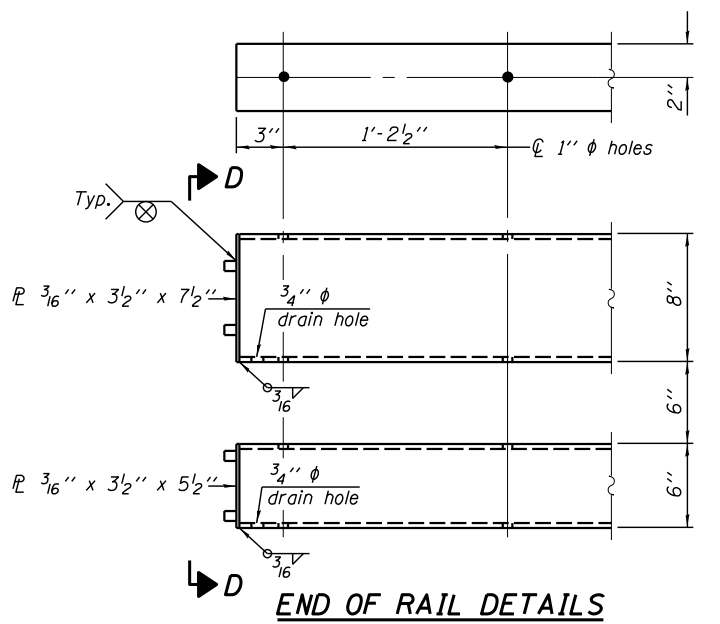
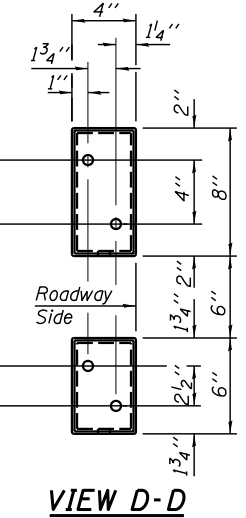
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	23
			CONTRACT NO. 68116	
ILLINOIS FED. AID PROJECT				



4-3/4" φ x 6" Round Head Bolts with locknut & flat washer.
7/8" φ holes in hollow structural section may be drilled in the field.



φ - 5/8" reduced base welded studs. Provide 4-5/8" washers and self-locking nuts or nuts and jam nuts for guardrail connection shown on Std. 631032.



*Threaded areas shall be plugged or blocked off during casting of beam. Galvanized after fabrication.

T	D	A	B	C	E
≤ 4"	2 1/2"	1'-8"	2"	4"	2 1/2"
> 4" ≤ 6 1/2"	3 3/4"	2'-0"	2 1/2"	5 1/2"	3 1/2"
> 6 1/2" ≤ 9"	5"	2'-4"	3 1/2"	6 1/2"	9"
> 9" ≤ 13"	7"	2'-10"	4 1/2"	8 1/2"	11"
Rail Splice	1/4"	1'-8"	2"	4"	

T = Total movement at expansion joint as shown on the design plans.

Notes:
For multi-span bridges, sufficient 1/4" x 6" x 1'-2" galvanized steel shims shall be provided to align rail between adjacent spans. Cost included with Steel Railing, Type SM.
All steel rail members shall be galvanized according to Article 509.05 of the Standard Specifications.
** The studs of the anchor devices shall be placed below the top reinforcement bars and the outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchor device. The anchorage studs may be bent down 1/2" to accommodate the top reinforcement bar placement.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type SM	Foot	103

(6'-3" Maximum Post Spacing) (1/4" minimum to 3/8" maximum HMA thickness)



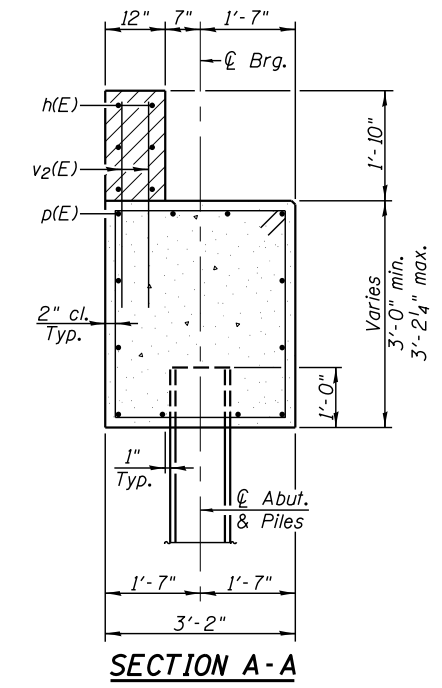
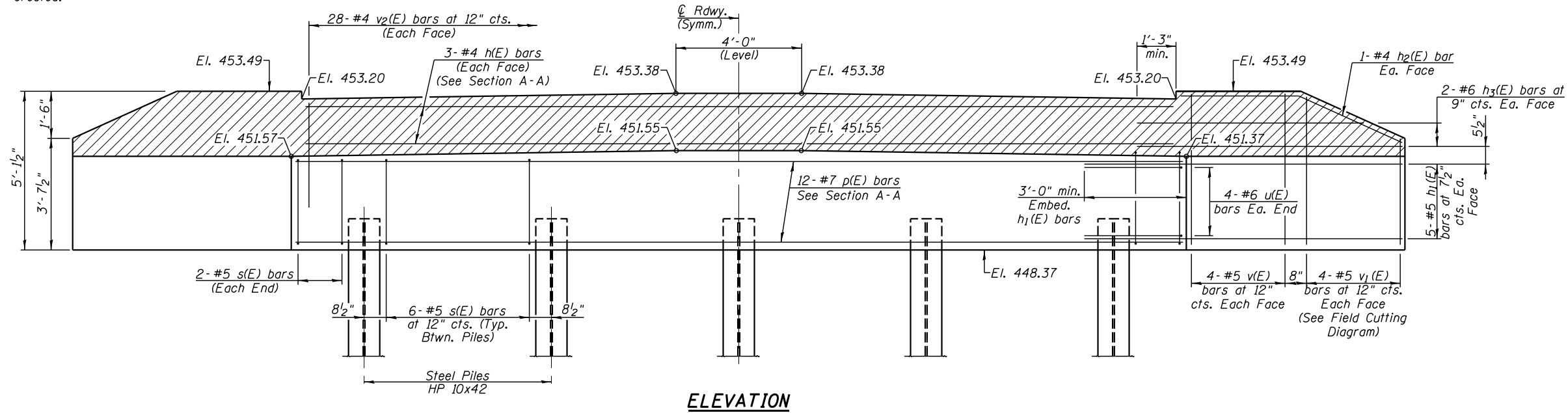
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PLOT SCALE =	CHECKED - MAH	REVISED -
PLOT DATE =	DRAWN - JRP	REVISED -
	CHECKED - MAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

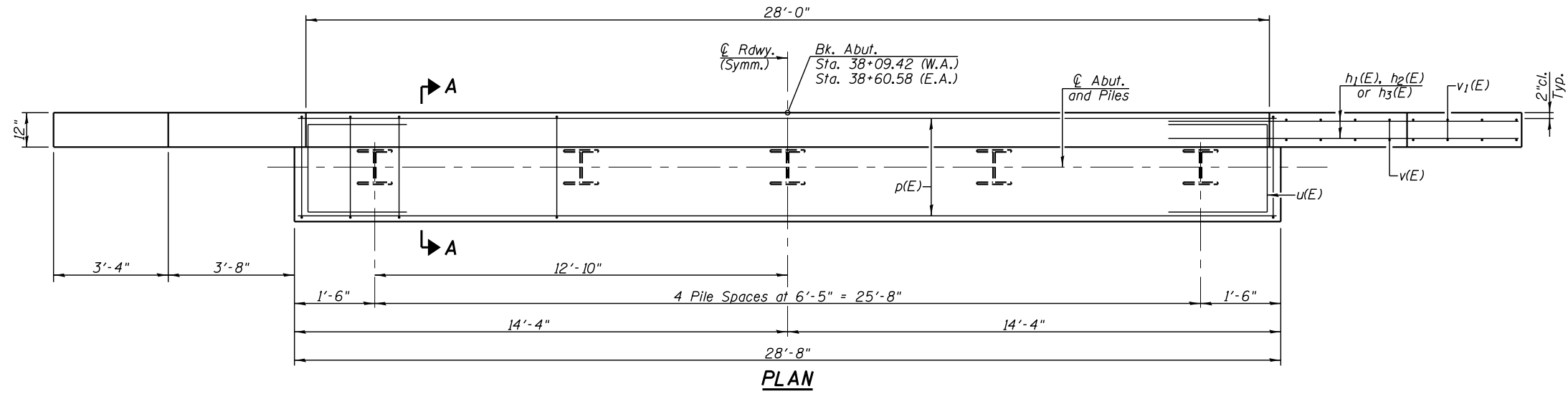
STEEL RAILING, TYPE SM WITH HOT-MIX ASPHALT WEARING SURFACE
STRUCTURE NO. 029-0076
SHEET NO. 6 OF 10 SHEETS

F.A.S. RTE. 457	SECTION (11A)BR-1	COUNTY FULTON	TOTAL SHEETS 47	SHEET NO. 24
CONTRACT NO. 68116				ILLINOIS FED. AID PROJECT

* Cast top of wingwall flush with exterior beam face after beams have been erected.



Hatched area to be poured after beams are in place.

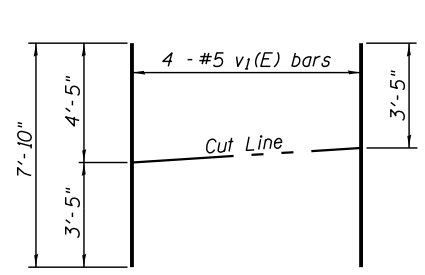


PILE DATA (EAST ABUTMENT)

Type: HP 10x42
 Nominal Required Bearing: 335 k
 Factored Resistance Available: 184 k
 Est. Length: 57'
 No. Production Piles: 4
 No. Test Piles: 1

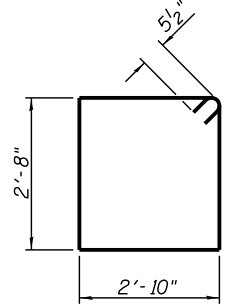
PILE DATA (WEST ABUTMENT)

Type: HP 10x42
 Nominal Required Bearing: 335 k
 Factored Resistance Available: 184 k
 Est. Length: 54'
 No. Production Piles: 5

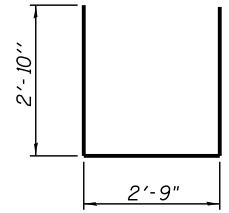


FIELD CUTTING DIAGRAM

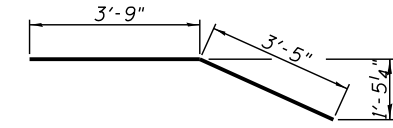
Order v1(E) bars full length. Cut as shown and use remainder of bars in opposite face.



BAR s(E)



BAR u(E)



BAR h2(E)

BILL OF MATERIAL TWO ABUTMENTS

Bar	No.	Size	Length	Shape
h(E)	12	#4	27'-8"	—
h1(E)	40	#5	9'-10"	—
h2(E)	8	#4	7'-2"	—
h3(E)	16	#6	8'-5"	—
p(E)	24	#7	28'-4"	—
s(E)	56	#5	12'-1"	□
u(E)	16	#6	8'-5"	U
v(E)	32	#5	4'-9"	—
v1(E)	16	#5	7'-10"	—
v2(E)	112	#4	3'-0"	—
Structure Excavation		Cu. Yd.	96	
Concrete Structures		Cu. Yd.	29.5	
Reinforcement Bars, Epoxy Coated		Pound	3690	
Furnishing Steel Piles, HP 10x42		Foot	498	
Driving Piles		Foot	498	
Test Pile, HP 10x42		Each	1	

For details of piles see sheet 8 of 10.

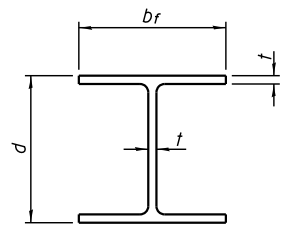


USER NAME =	DESIGNED - KES	REVISED -
PLOT SCALE =	CHECKED - MAH	REVISED -
PLOT DATE =	DRAWN - JRP	REVISED -
	CHECKED - MAH	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

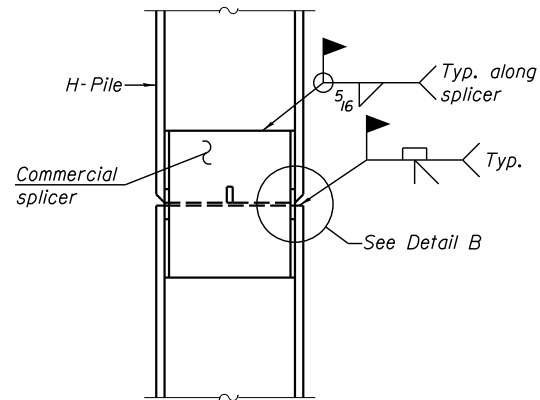
ABUTMENTS
 STRUCTURE NO. 029-0076
 SHEET NO. 7 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	25
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				

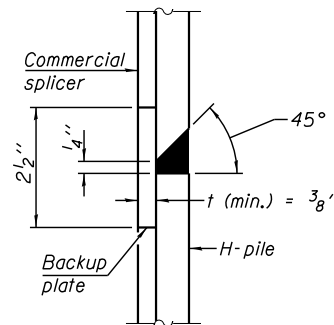


STEEL PILE TABLE

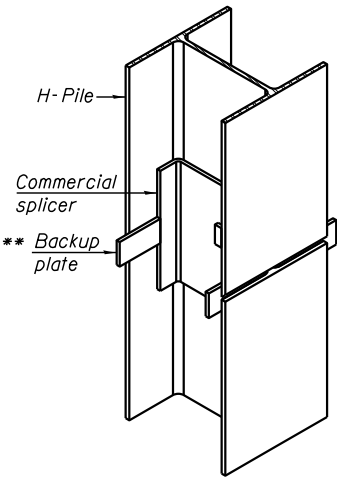
Designation	Depth d	Flange width br	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



ELEVATION

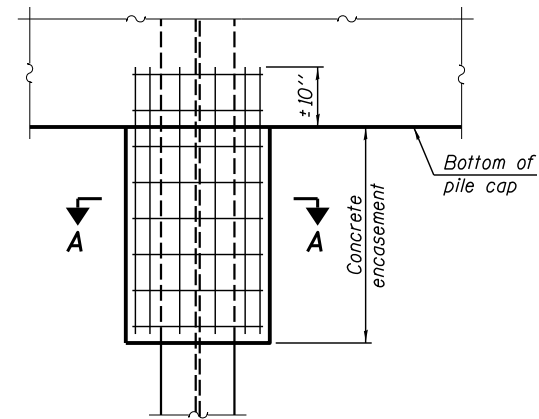


DETAIL "B"



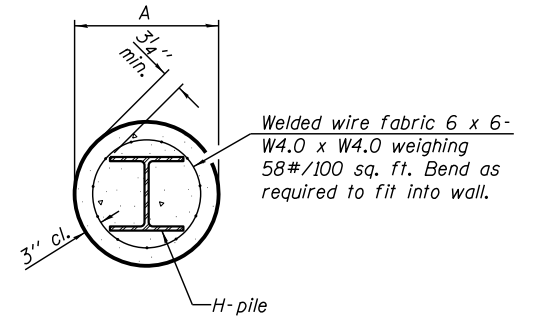
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



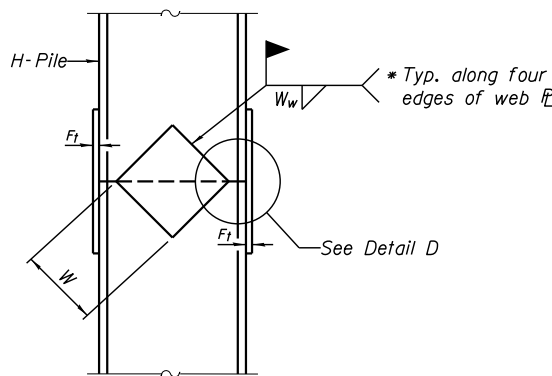
ELEVATION

PILE ENCASEMENT

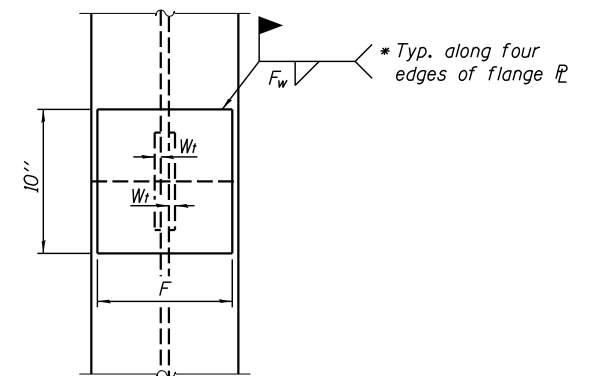


SECTION A-A

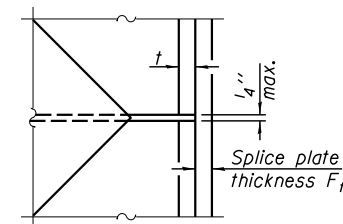
Note: Forms for encasement may be omitted when soil conditions permit.



ELEVATION



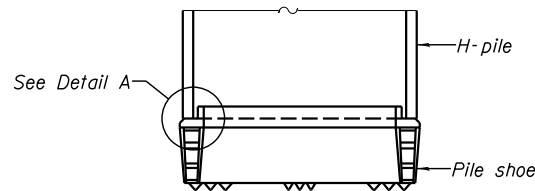
END VIEW



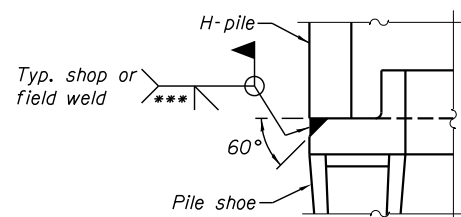
DETAIL D

WELDED PLATE FIELD SPLICE

Designation	F	F _t	F _w	W	W _t	W _w
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5 1/2"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5 1/2"	1/2"
x89	12 1/2"	3/4"	1/16"	7 3/4"	5 1/2"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5 1/2"	1/2"
HP 12x84	10"	7/8"	1/16"	6 1/2"	5 1/2"	1/2"
x74	10"	7/8"	1/16"	6 1/2"	5 1/2"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

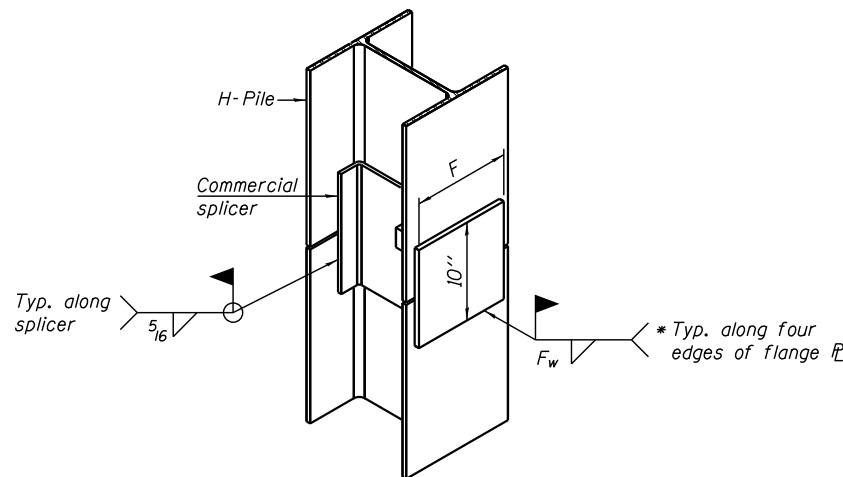


ELEVATION



DETAIL A

H-PILE SHOE ATTACHMENT



ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

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

F-HP 1-27-12



USER NAME =	DESIGNED - KES	REVISED -
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PLOT DATE =	DRAWN - JRP	REVISED -
	CHECKED - MAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HP PILE DETAILS
STRUCTURE NO. 029-0076

SHEET NO. 8 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	26
CONTRACT NO. 68116				

ILLINOIS FED. AID PROJECT



SOIL BORING LOG

Date 5/9/11

ROUTE CH 31 DESCRIPTION CH 31 over Dickson Creek LOGGED BY KEG (AC)

SECTION (11A) BR-1 LOCATION 1 mile west of IL 97 & Dickson Mounds Road

COUNTY Fulton DRILLING METHOD CME 55 w/HSA/Mud Rotary HAMMER TYPE Automatic

STRUCT. NO. 029-0049
 Station 38+35
 BORING NO. B-1
 Station 38+18
 Offset 25.0 ft Rt
 Ground Surface Elev. 446.63 ft

DELTUCM
 POS
 THS Qu T

Surface Water Elev. 444.70 ft
 Stream Bed Elev. _____ ft
 Groundwater Elev.:
 First Encounter 433.1 ft ▼
 Upon Completion _____ ft
 After _____ Hrs. _____ ft

(ft) (/6") (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DELTUCM	POS	THS	Qu	T
0 - 445.6	TOPSOIL					
445.6 - 455.6	SILT: Brown	1	0.1			28
455.6 - 465.6	Some organics	1	0.2			19
465.6 - 475.6	Becomes brown to gray	1	0.2			32
475.6 - 485.6	Becomes gray	2	0.2			35
485.6 - 495.6	SILTY CLAY: Gray, trace organics, trace sand lenses Consolidation test performed on ST sample					33
495.6 - 505.6	SAND: Gray, fine to medium, some clay, trace gravel	2	0.2			36
505.6 - 515.6		1				20
515.6 - 528.1	Switched to mud rotary SILT: Gray, with gravel	1	0.2			39

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)



SOIL BORING LOG

Date 5/9/11

ROUTE CH 31 DESCRIPTION CH 31 over Dickson Creek LOGGED BY KEG (AC)

SECTION (11A) BR-1 LOCATION 1 mile west of IL 97 & Dickson Mounds Road

COUNTY Fulton DRILLING METHOD CME 55 w/HSA/Mud Rotary HAMMER TYPE Automatic

STRUCT. NO. 029-0049
 Station 38+35
 BORING NO. B-1
 Station 38+18
 Offset 25.0 ft Rt
 Ground Surface Elev. 446.63 ft

DELTUCM
 POS
 THS Qu T

Surface Water Elev. 444.70 ft
 Stream Bed Elev. _____ ft
 Groundwater Elev.:
 First Encounter 433.1 ft ▼
 Upon Completion _____ ft
 After _____ Hrs. _____ ft

(ft) (/6") (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DELTUCM	POS	THS	Qu	T
0 - 400.6	SILT: Gray, with gravel (continued)					
400.6 - 410.6	Some gravel	1	1.0			31
410.6 - 420.6	Slow drilling starting at 46.0 feet. CLAYEY SHALE: Dark gray					
420.6 - 430.6		7	7.2			19
430.6 - 443.3	Some coal	4	6.3			13
443.3 - 54.3	Boring terminated at 54.3 ft.					

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)



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

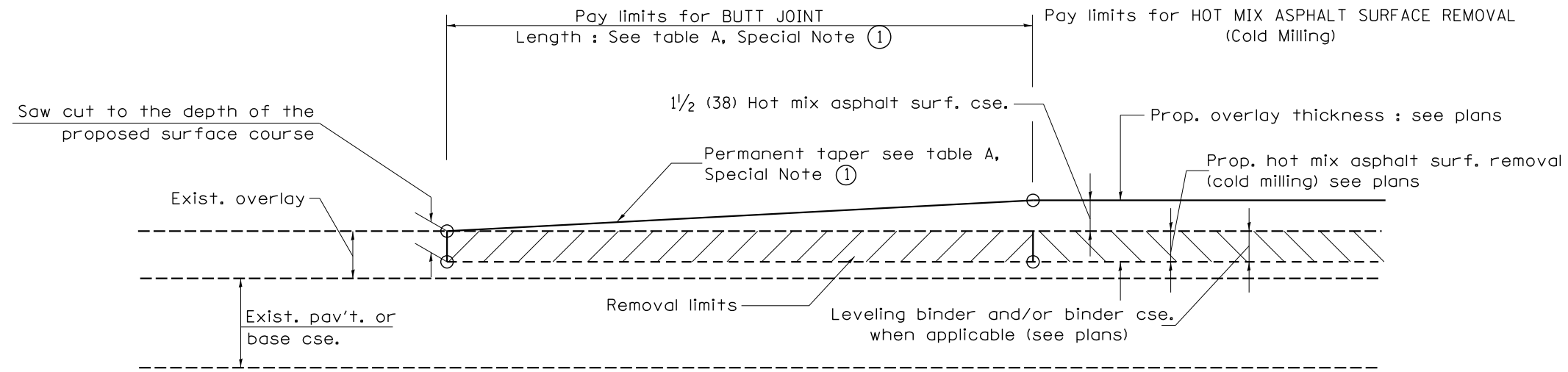
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS
 STRUCTURE NO. 029-0076

SHEET NO. 9 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	27
CONTRACT NO. 68116				

ILLINOIS FED. AID PROJECT



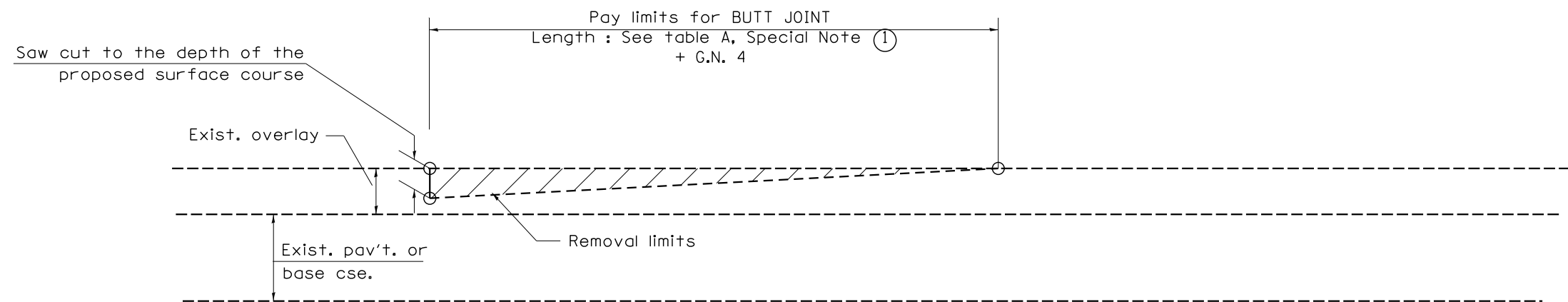
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.

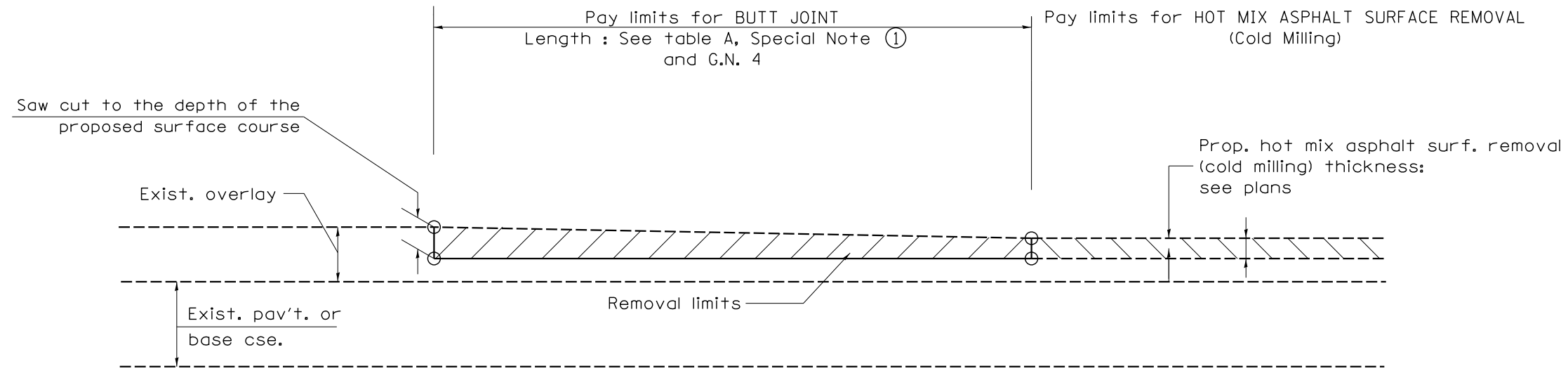


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

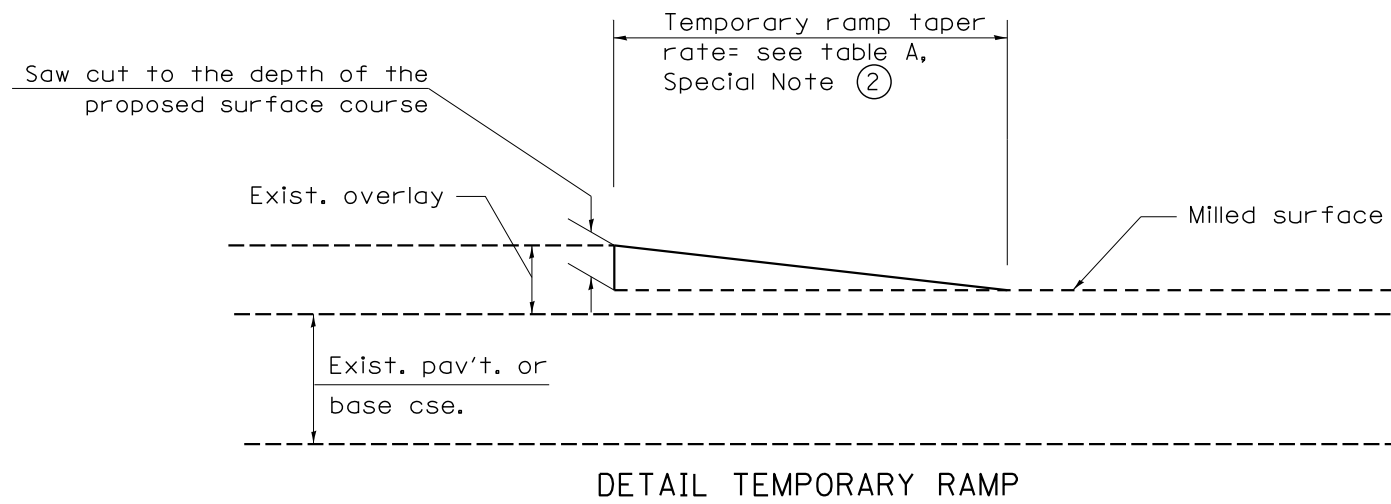
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	BENUM_C:23.01_NEW_REVISION_BOX	J.P.	08-21-13	MAJOR MODIFICATIONS	B.D.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
04-01-97	COBBECTION_TO_DEPTH	J.A.	02-29-16	MINOR CORRECTIONS	B.D.			457	(11A)BR-1	FULTON	47	29	
09-15-05	REVISED DESIGNER NOTE	M.M.A.	04-12-16	MINOR CORRECTIONS	B.D.			SHI_J_0E_3		CONTRACT NO. 68116			
10-16-06	REVISED TO 2007 SPEC.	M.A.						CADD SID_406101:04		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			

NOT TO SCALE



**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



All dimensions are in inches (millimeters) unless otherwise noted.

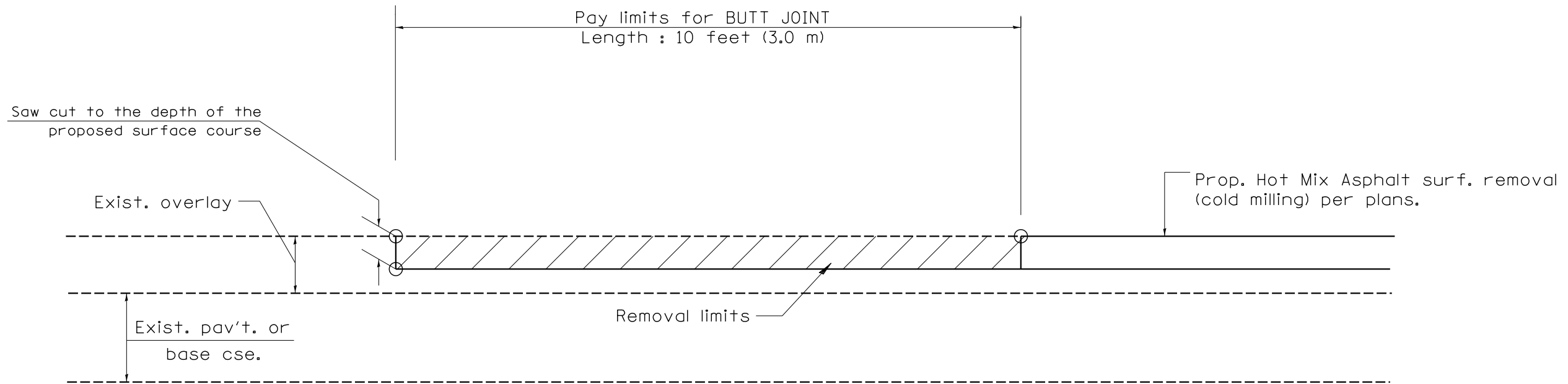
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHI_2_OF_3
CADD SID_406101:04

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	30
CONTRACT NO. 68116				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



**CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

All dimensions are in inches (millimeters) unless otherwise noted.

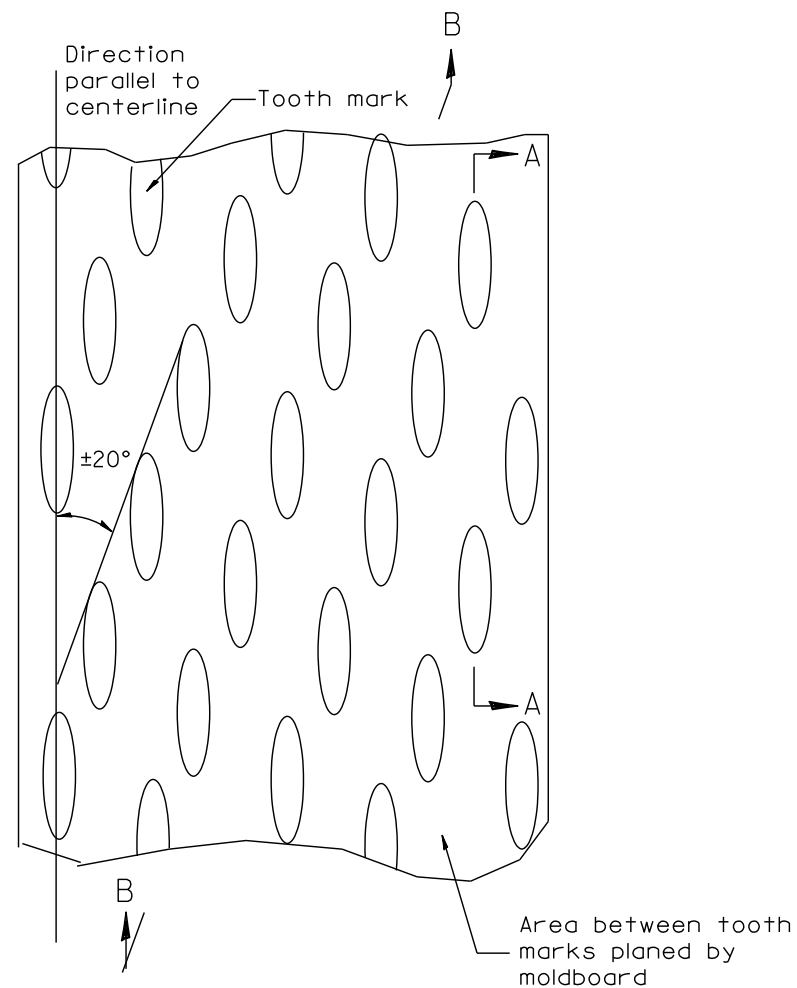
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHI_3 OF 3
CADD SID_406101:04

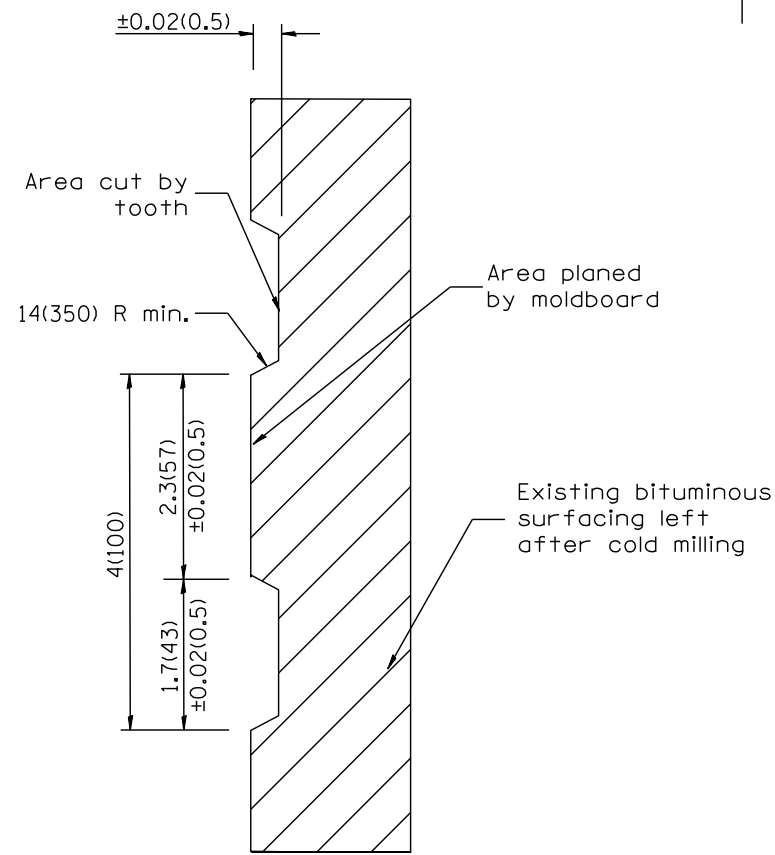
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	31
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 68116	



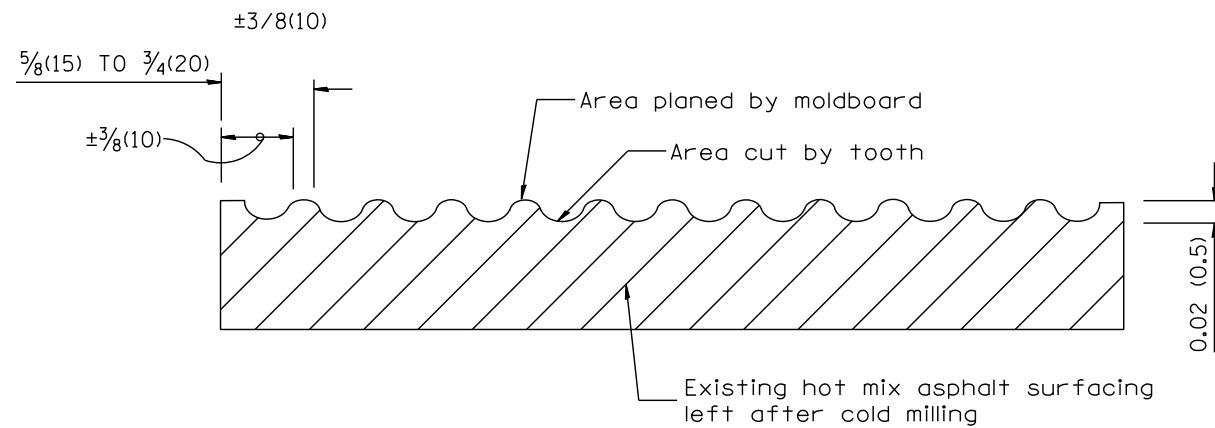
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

DESIGNER NOTES:
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	BENUM_C=104.01_NEW_REVISION_BOX	J.P.	
04-20-98	REMOVED_MILLING_DETAIL_FROM_STANDARD	J.A.	
09-08-98	CORRECT_NOISE_LEADER_PLACEMENT	B.W.	
10-16-06	REVISED_TO_2007_SPEC.	M.A.	

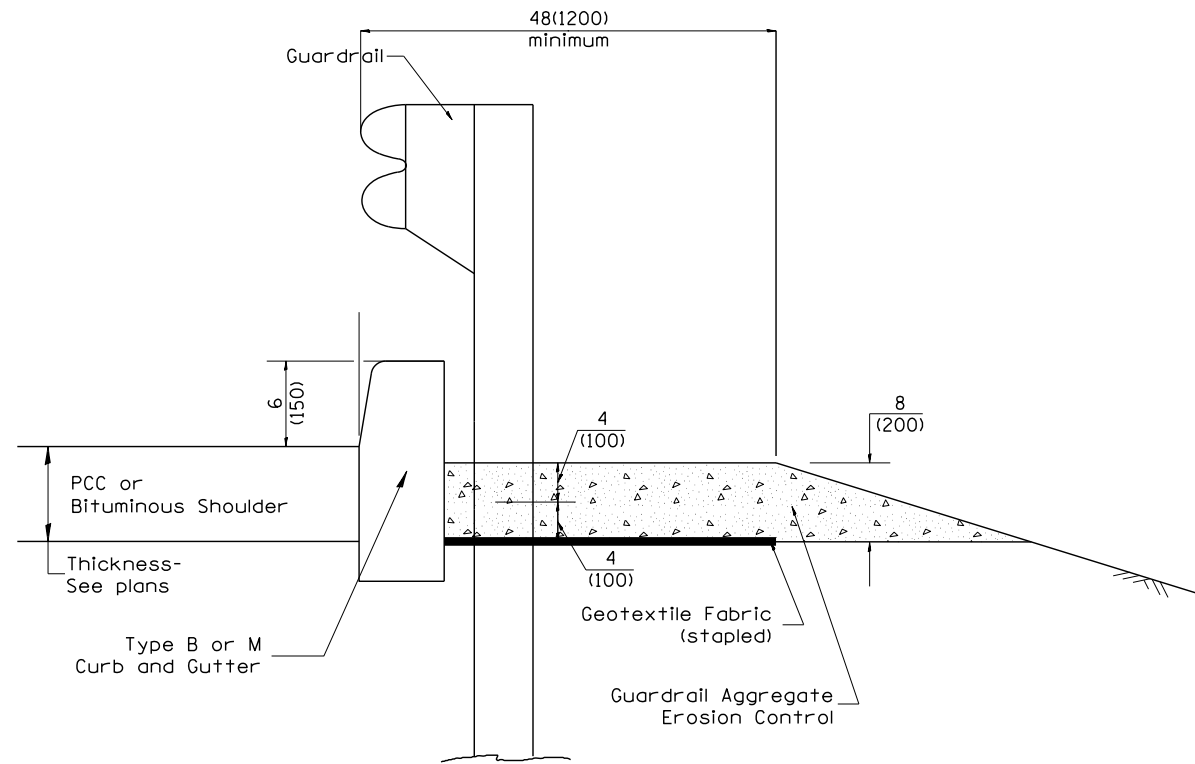
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

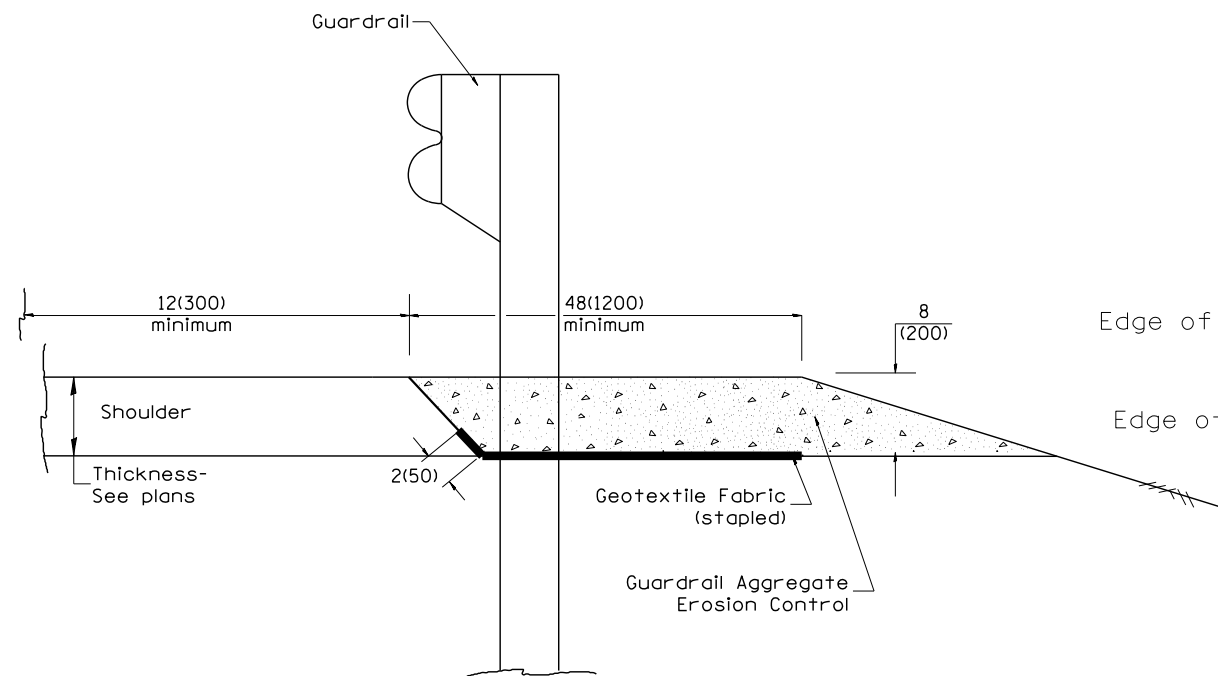
NOT TO SCALE

CADD STD. 440001-04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	32
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 68116	



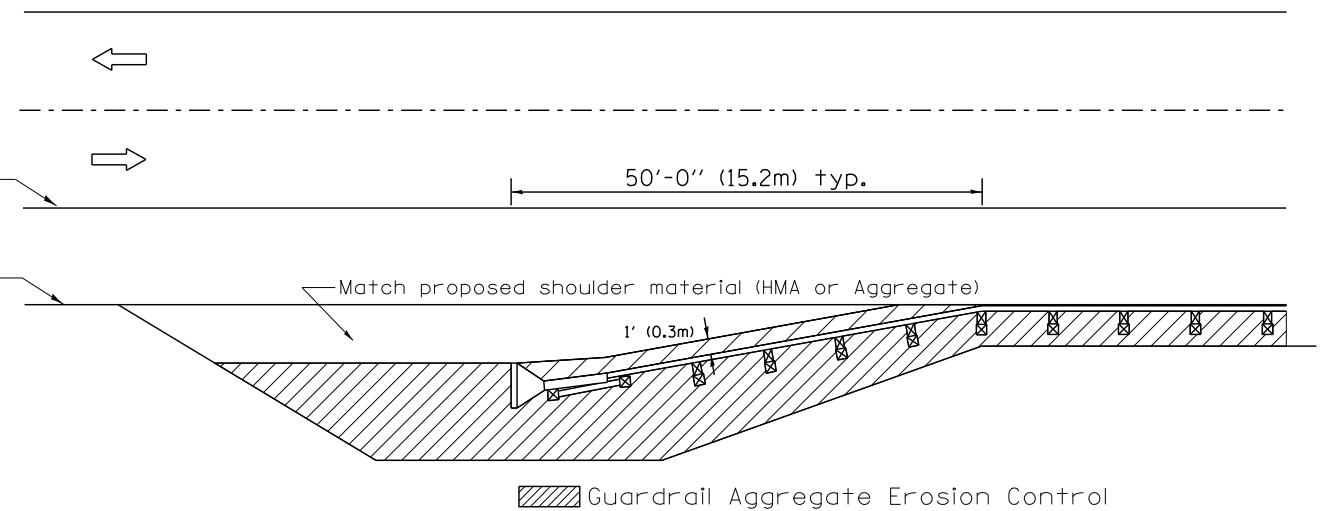
TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	BENUM. C-22.01. NEW REVISION BOX	J.E.	3-7-11	Added Detail showing plan view	R.D.
03-01-97	CORRECT SID. NUMBERS IN NOTES PG. 2	J.A.	8-10-12	Revised curb "B" and aggregate	R.D.
11-03-00	CORRECTION TO NOTES	M.A.	7-15-15	Addressed shoulder inlet curb	R.D.
10-16-06	REVISED TO 2007 SPEC.	M.A.			

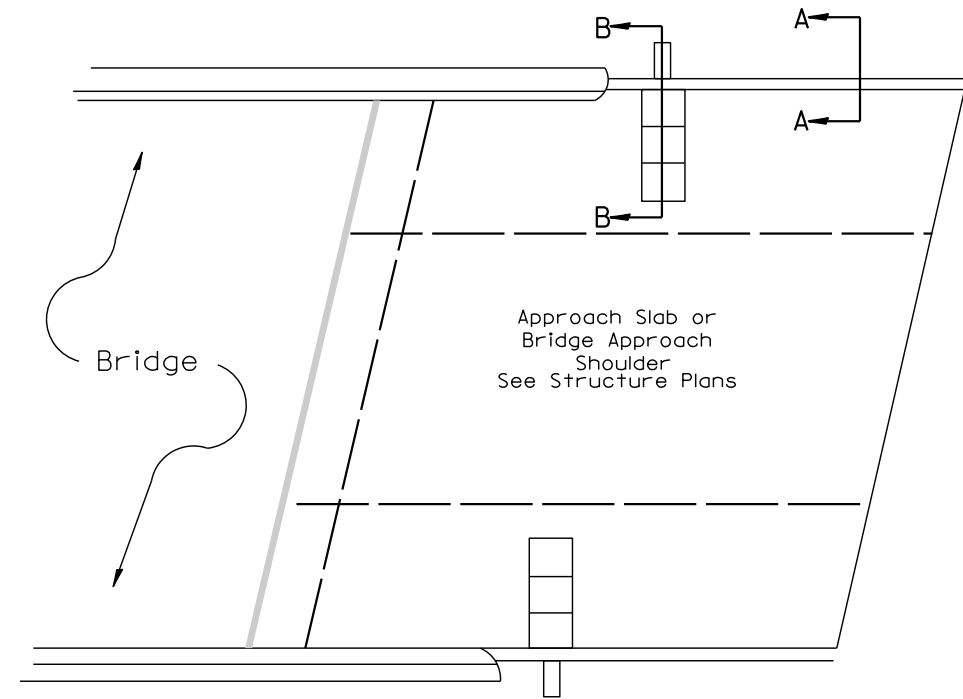
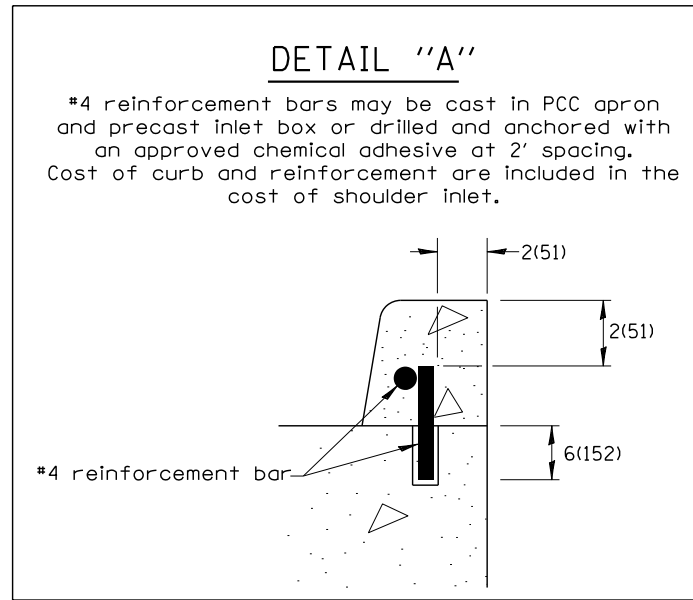
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

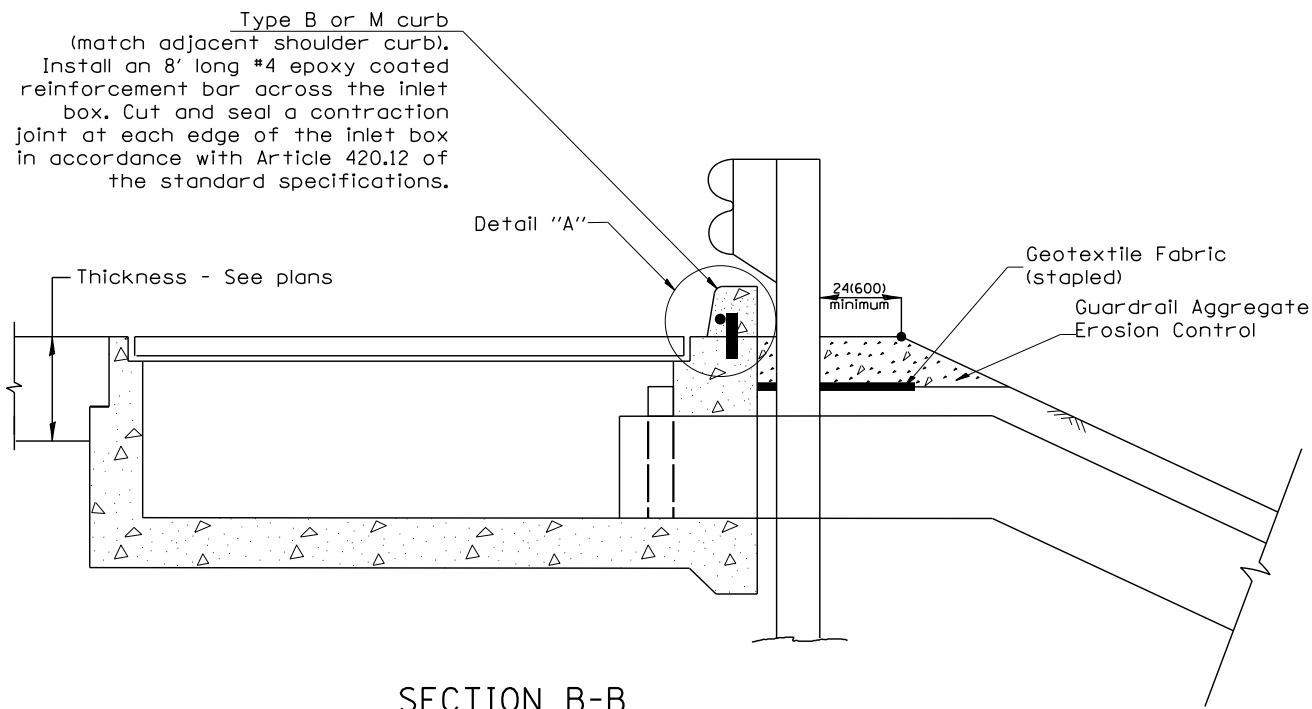
NOT TO SCALE

SHI. J OF 2
CADD SID. 630101:04

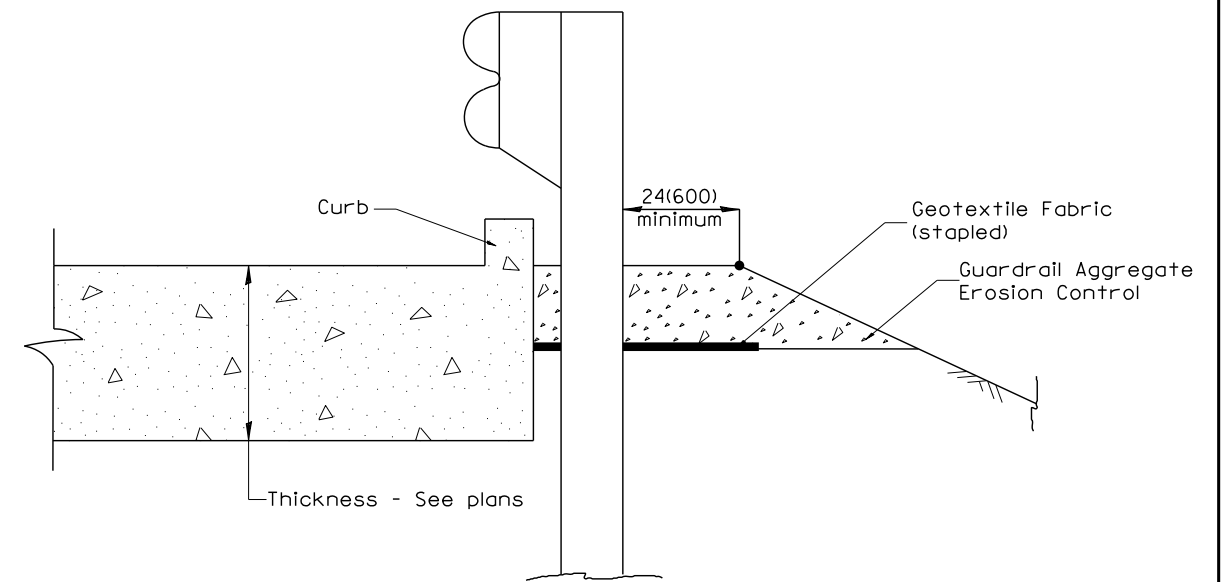
F.A.S RTE. 457	SECTION (11A)BR-1	COUNTY FULTON	TOTAL SHEETS 47	SHEET NO. 33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				CONTRACT NO. 68116



PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT



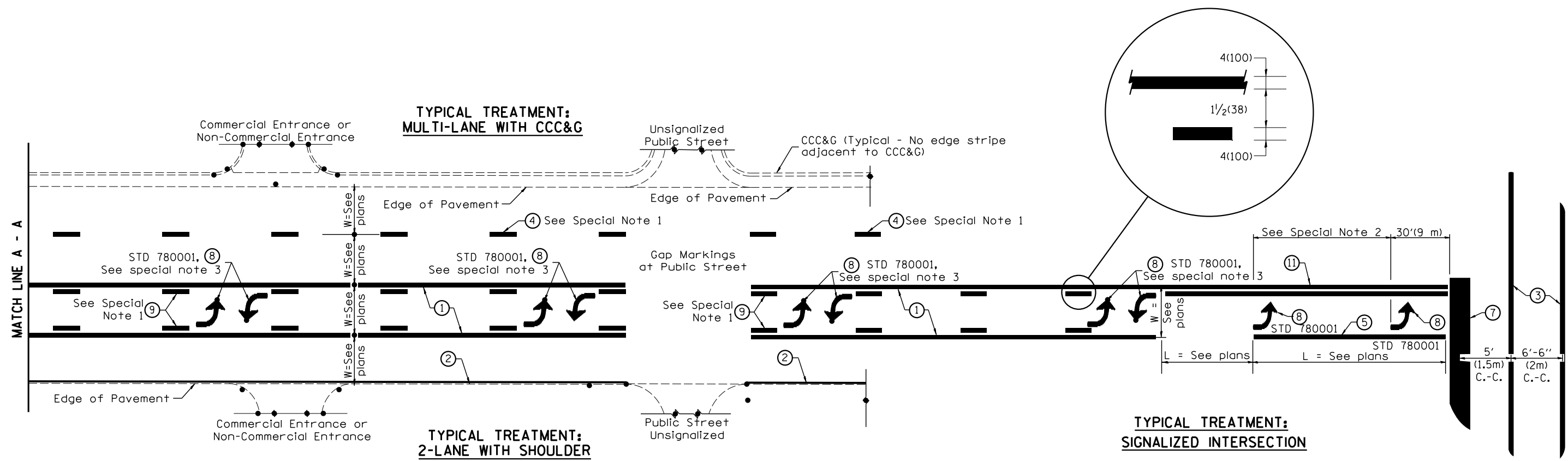
SECTION B-B
TYPICAL SECTION AT INLETS
TYPE E, F & G (HIGHWAY STANDARD 610001)



SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME	USER NAME = \$USER\$	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL EROSION CONTROL TREATMENTS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
%FILEL%		DRAWN	REVISED			457	(11A)BR-1	FULTON	47	34	
	PLOT SCALE = \$SCALE\$	CHECKED	REVISED			SHI. 2 OF 2 CONTRACT NO. 68116					
%MODELNAME%	PLOT DATE = \$DATE\$	DATE	REVISED			NOT TO SCALE SHEET ___ OF ___ SHEETS STA. ___ CADD SID. 630101-04 FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT					



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) ⑩
- ⑪ 4(100) Double Solid (Yellow) ⑪

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

01-01-97	BENUM_E=8.03_NEW_REVISION_BOX	J.P.	10-16-06	REVISED_TO_2007_SPEC.	
02-07-97	ADD_BI_DIRECTIONAL_DIMENSION	J.A.	2/29/16	ADDED_GROOVING_AREAS	B.D.
10-97	COBBECT_BI_DIRECTIONAL_DIMENSION	J.A.			
08-02	ADD_CROSSWALK_DIMNS_WITH_I.S.	M.A.			

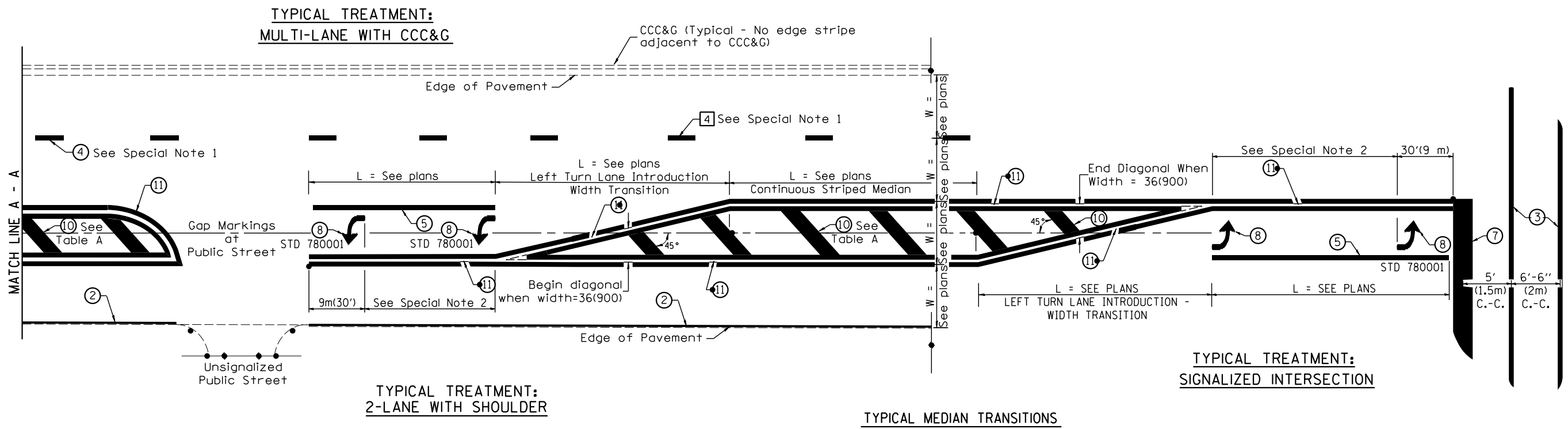
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHI_I_0E_2
CADD_SIG_780001-04

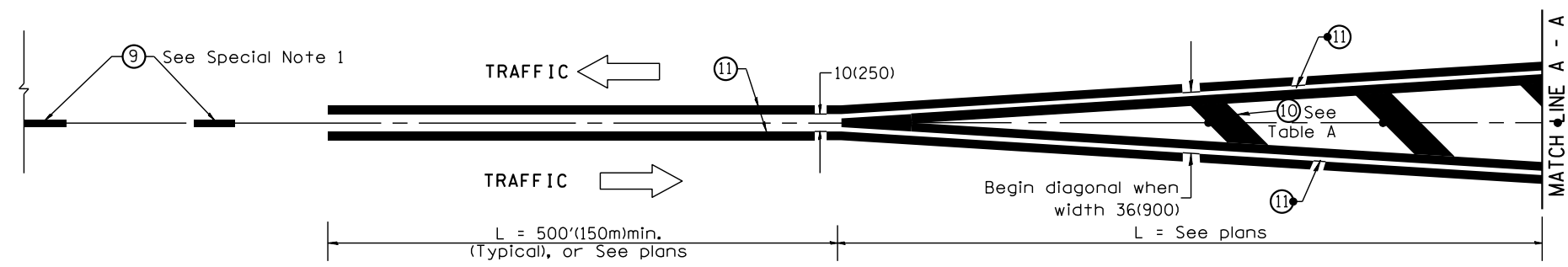
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	35
CONTRACT NO. 68116			FED. ROAD DIST. NO. [] ILLINOIS FED. AID PROJECT	



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)

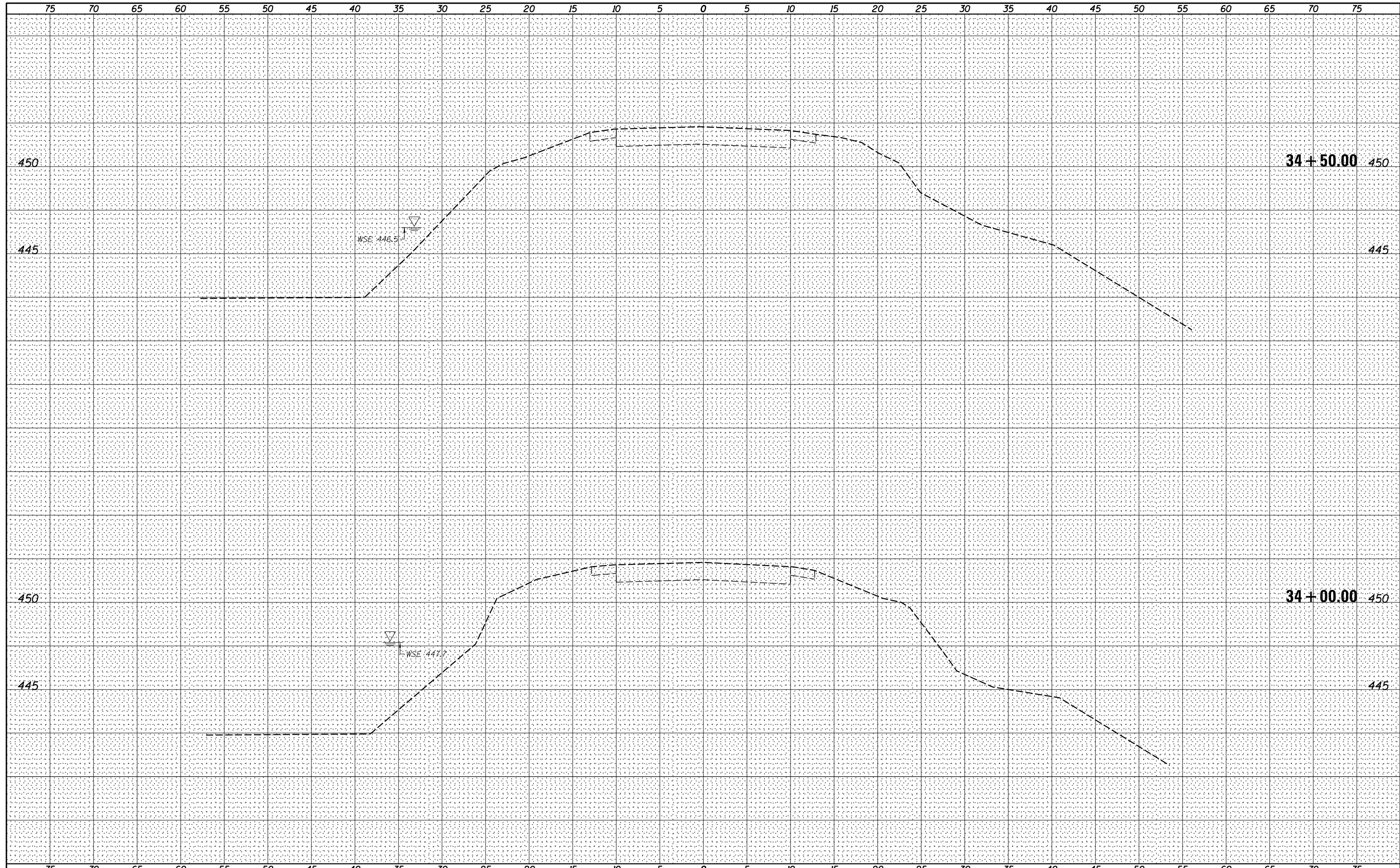


MEDIAN INTRODUCTION - WIDTH TRANSITIONS

All dimensions are in inches (millimeters) unless otherwise noted.

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

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



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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

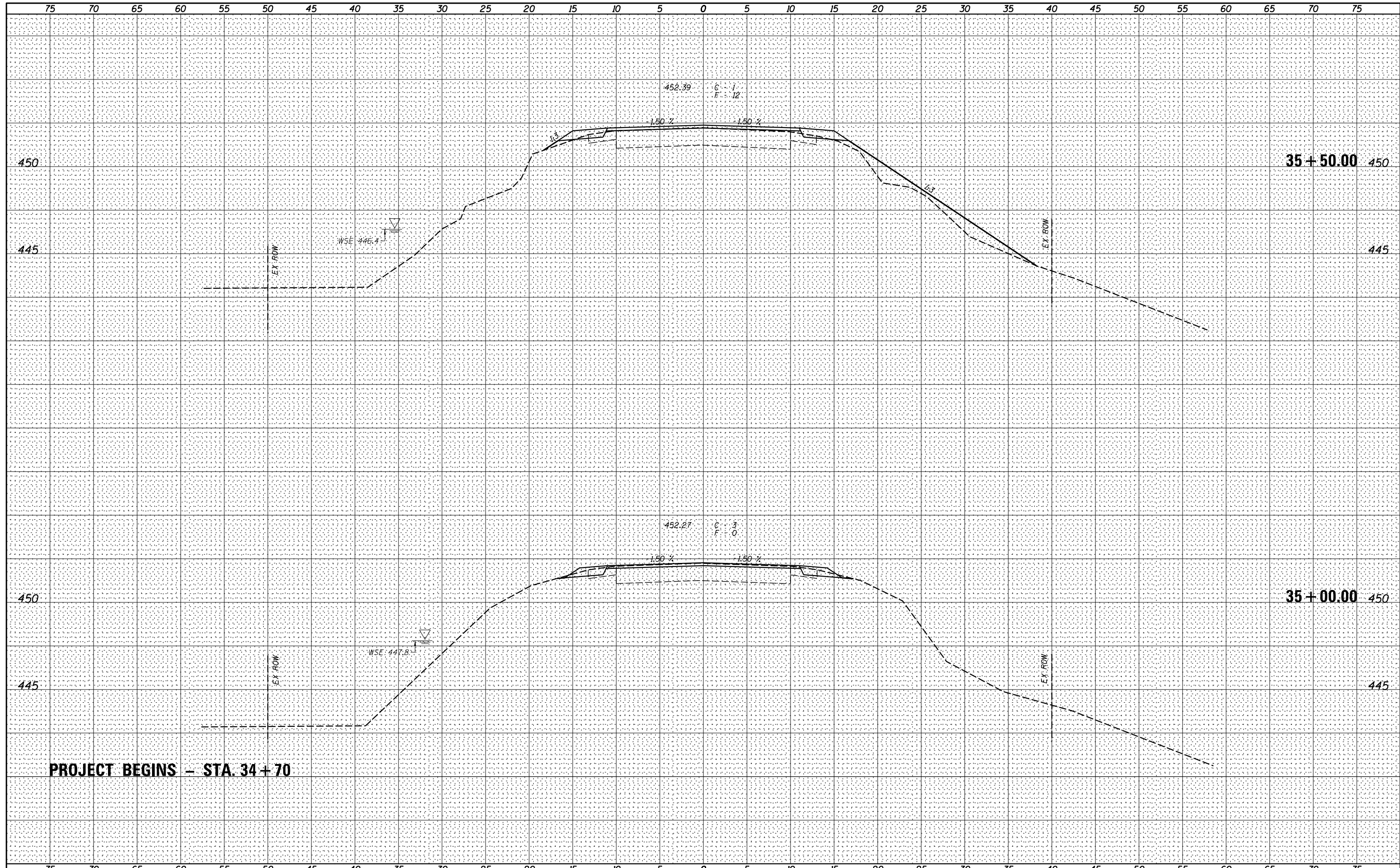
CROSS SECTIONS

SCALE: SHEET NO. 1 OF 11 SHEETS STA. 34+00.00 TO STA. 34+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	37
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				

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

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



PROJECT BEGINS - STA. 34+70



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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

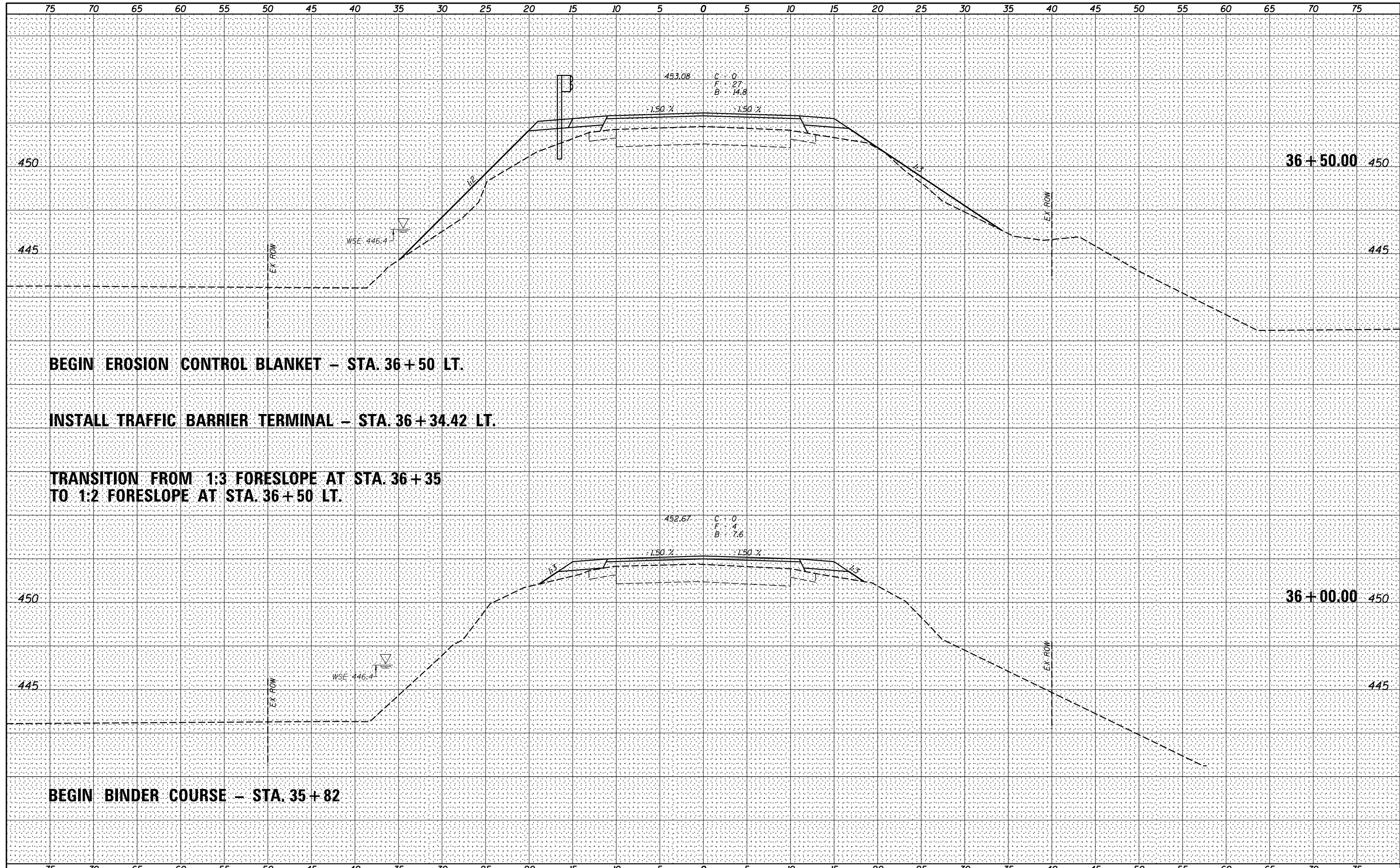
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	38
CONTRACT NO. 68116				

ILLINOIS FED. AID PROJECT

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



BEGIN EROSION CONTROL BLANKET – STA. 36+50 LT.

INSTALL TRAFFIC BARRIER TERMINAL – STA. 36+34.42 LT.

**TRANSITION FROM 1:3 FORESLOPE AT STA. 36+35
 TO 1:2 FORESLOPE AT STA. 36+50 LT.**

BEGIN BINDER COURSE – STA. 35+82



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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

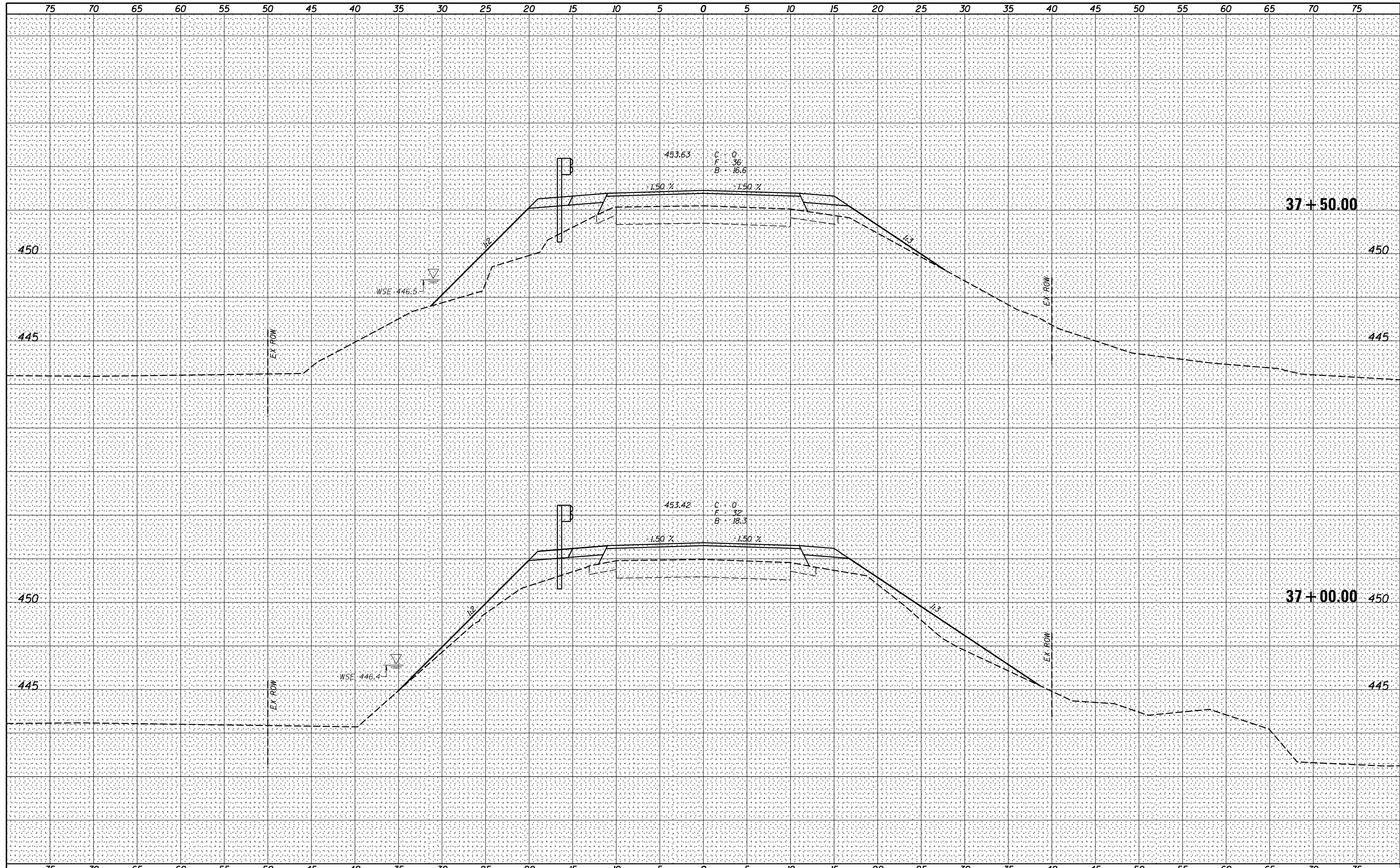
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	39
CONTRACT NO. 68116				

ILLINOIS FED. AID PROJECT

DATE _____
 BY _____
 SURVEYED _____
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 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



USER NAME = *USER*	DESIGNED -	REVISED -
PLOT SCALE = *SCALE*	DRAWN -	REVISED -
PLOT DATE = *DATE*	CHECKED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

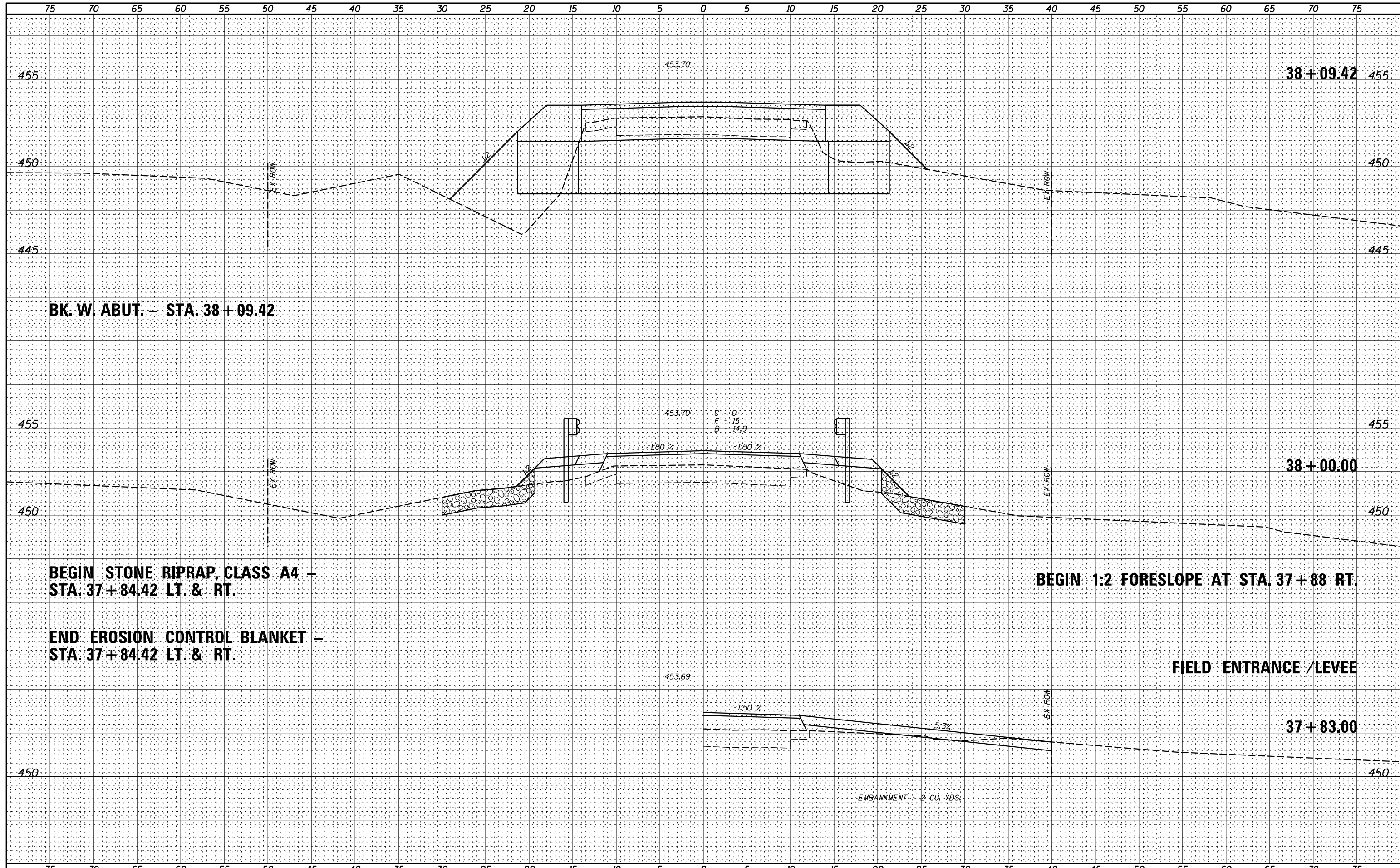
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	40
CONTRACT NO. 68116				

ILLINOIS FED. AID PROJECT

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
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 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



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

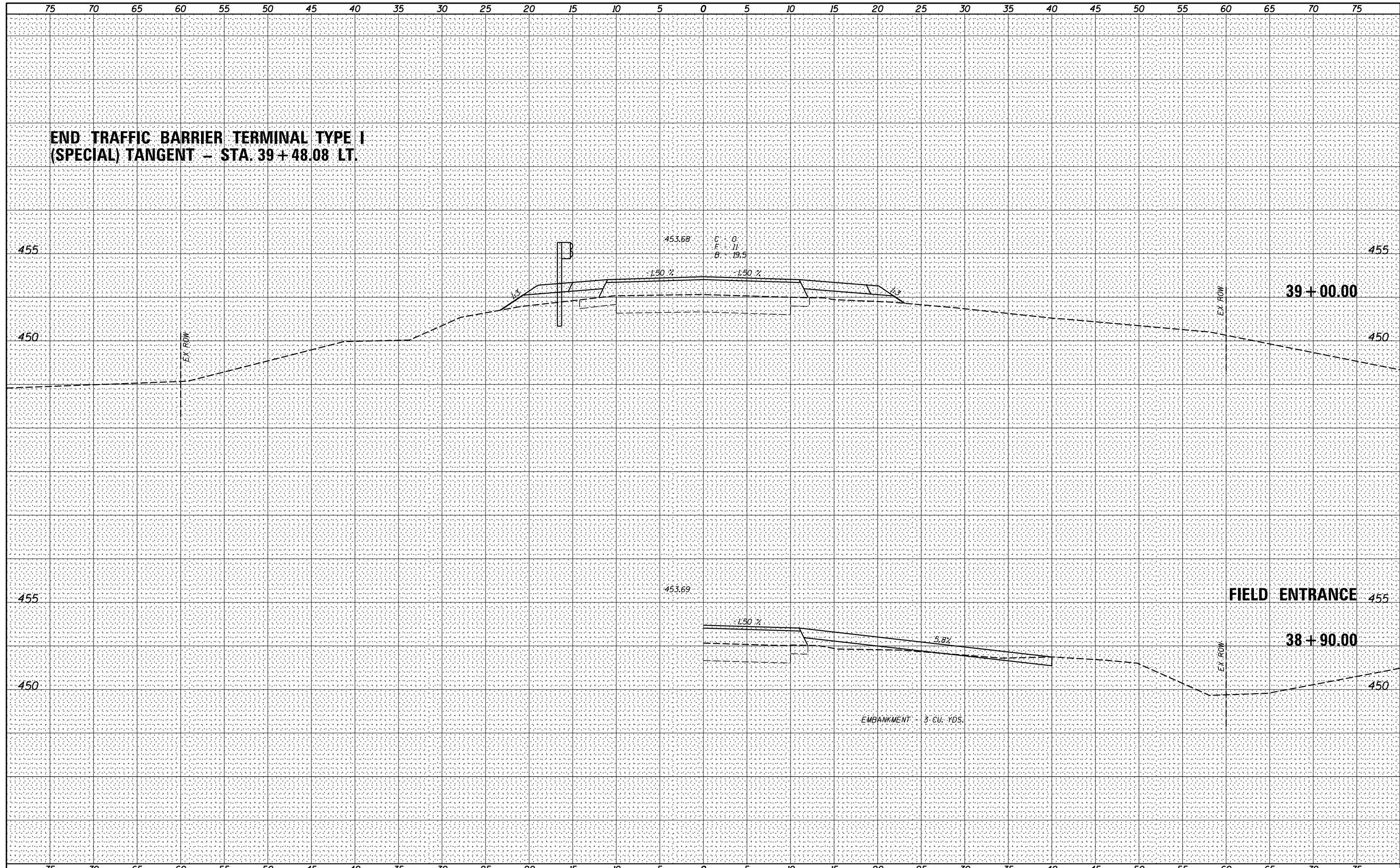
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: SHEET NO. 5 OF 11 SHEETS STA. 37+83.00 TO STA. 38+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1)	FULTON	47	41
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				

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

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



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

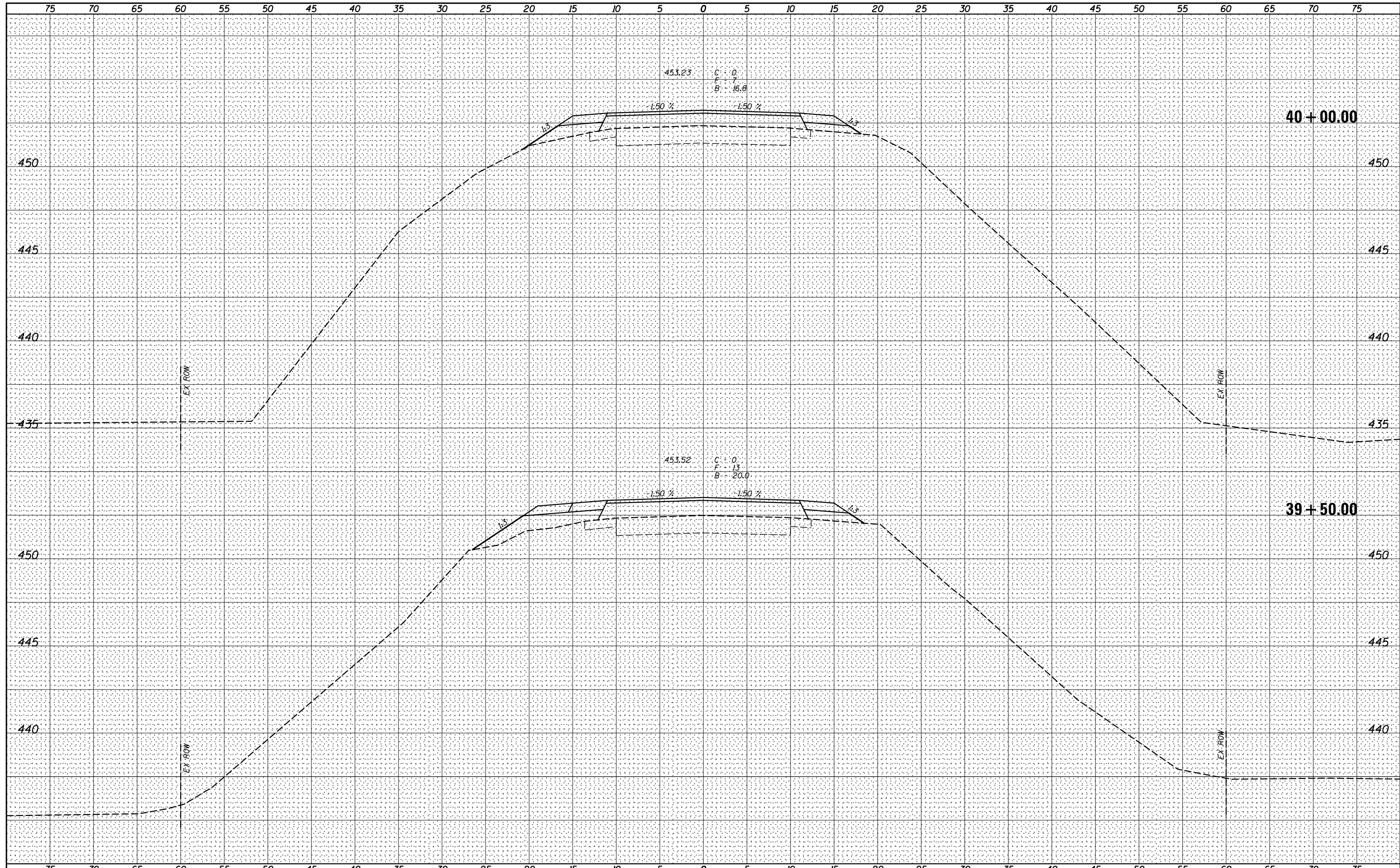
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 SCALE: SHEET NO. 7 OF 11 SHEETS STA. 38+75.00 TO STA. 39+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	43
			CONTRACT NO. 68116	
ILLINOIS FED. AID PROJECT				

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

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



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS	
SCALE:	SHEET NO. 8 OF 11 SHEETS
STA. 39+50.00 TO STA. 39+50.00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1	FULTON	47	44
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				

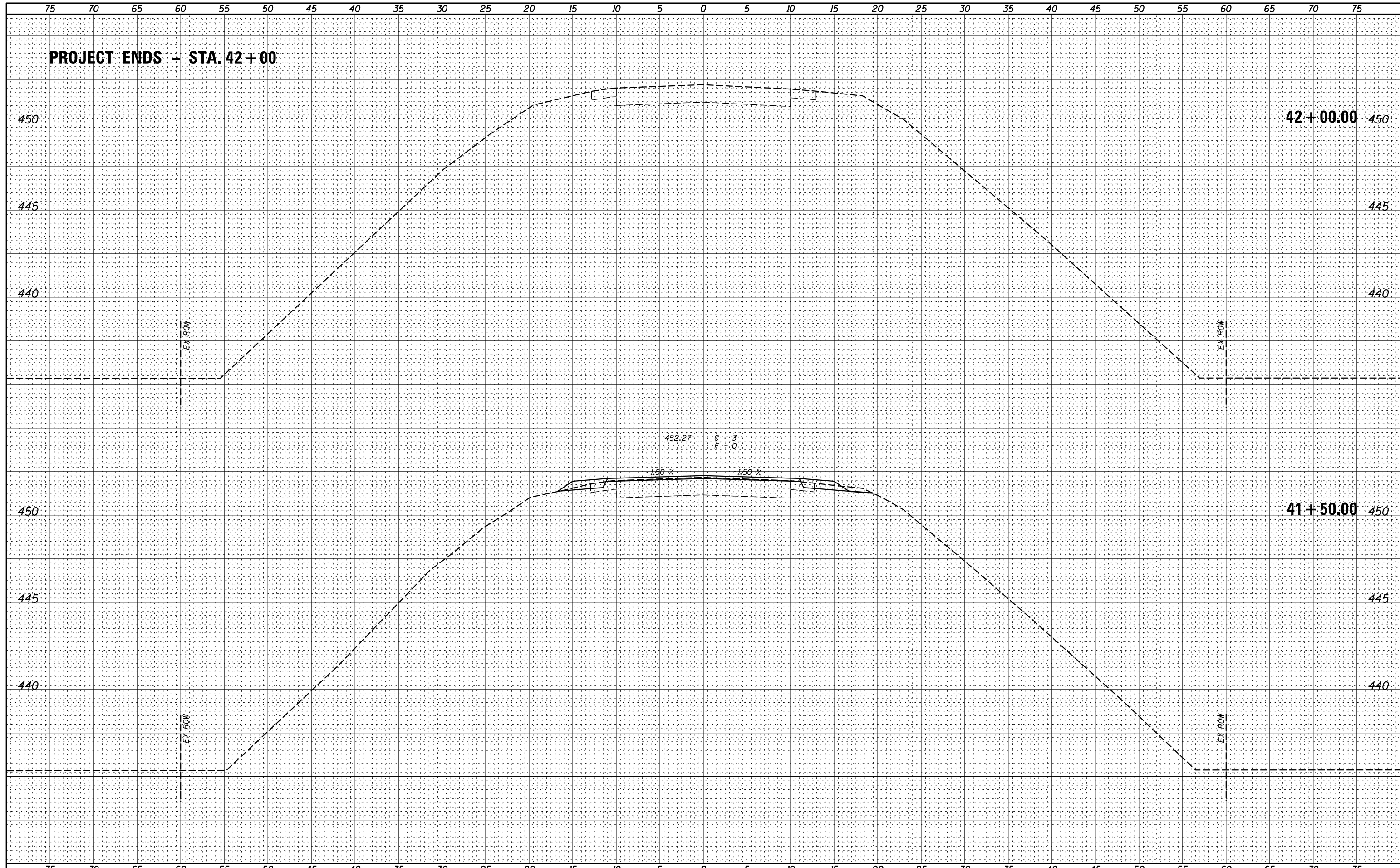
PROJECT ENDS - STA. 42+00

42+00.00

41+50.00

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

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



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET NO. 10 OF 11 SHEETS	STA. 41+50.00	TO STA. 42+00.00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
457	(11A)BR-1)	FULTON	47	46
CONTRACT NO. 68116				
ILLINOIS FED. AID PROJECT				

