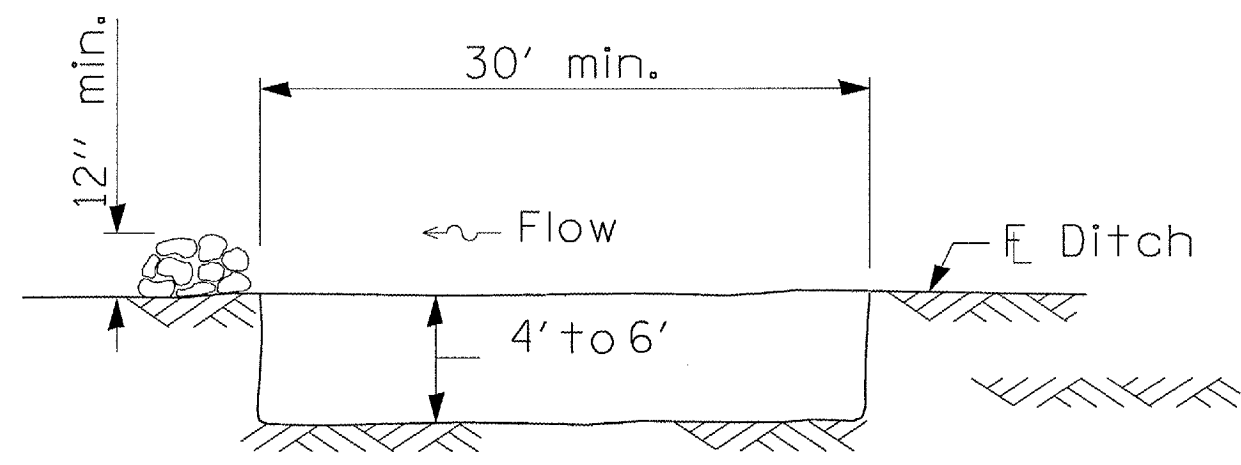
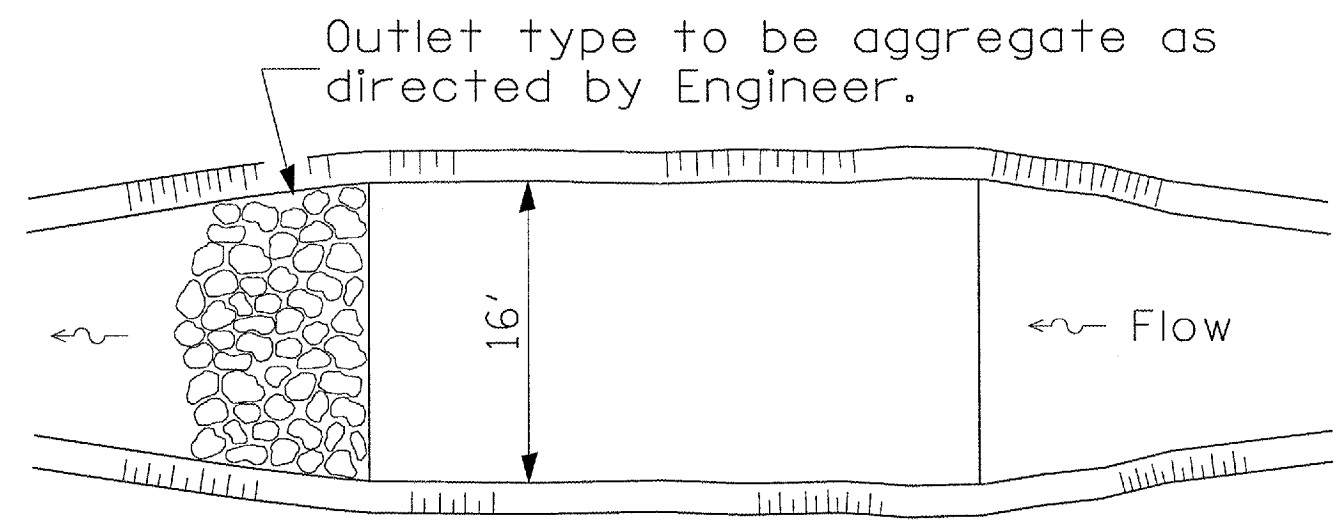


CONTRACT NO. 88518			
F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS
315	*	FULTON	324 / 101
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT			
*109W-1,RS-2;110W,RS-1			



ELEVATION



PLAN

The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

SEDIMENT BASIN

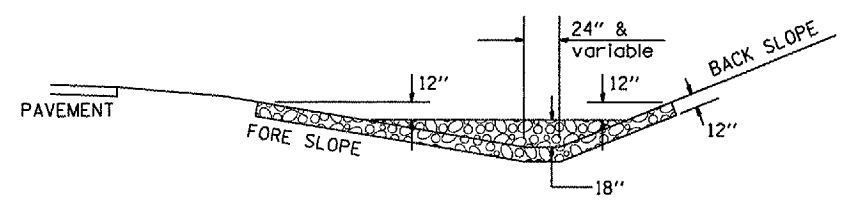
PLOT DATE = 9/25/2007  
 PLOT SCALE = 1/4" = 1'-0"  
 USER NAME = mwh/bsc

**SEDIMENT CONTROL BASIN**  
**STA. 573+00.00 DETAIL**

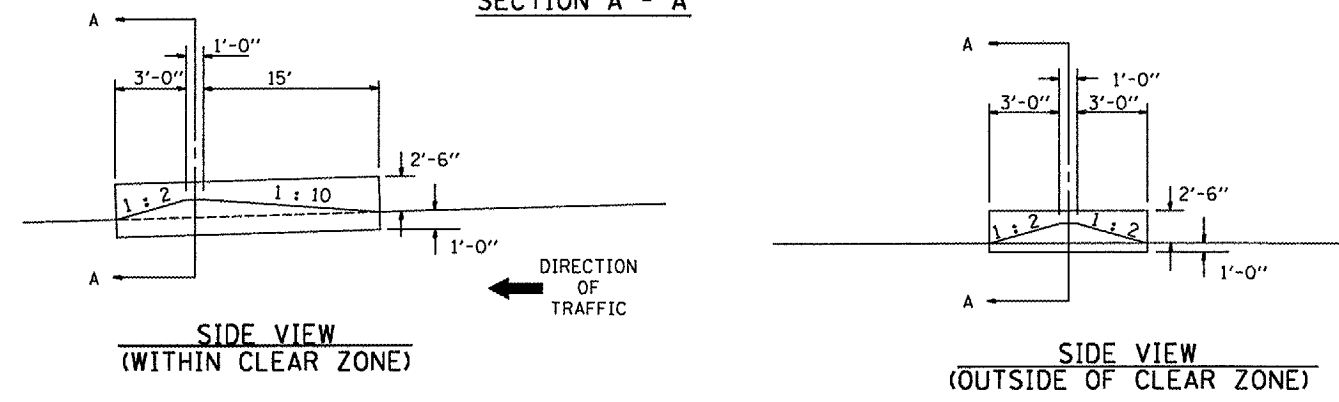
RTE.	SECTION	COUNTY	TOTAL SHEETS
315	*	FULTON	329/102
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
*109W-1,RS-2,110W,RS-1			

NOTES:

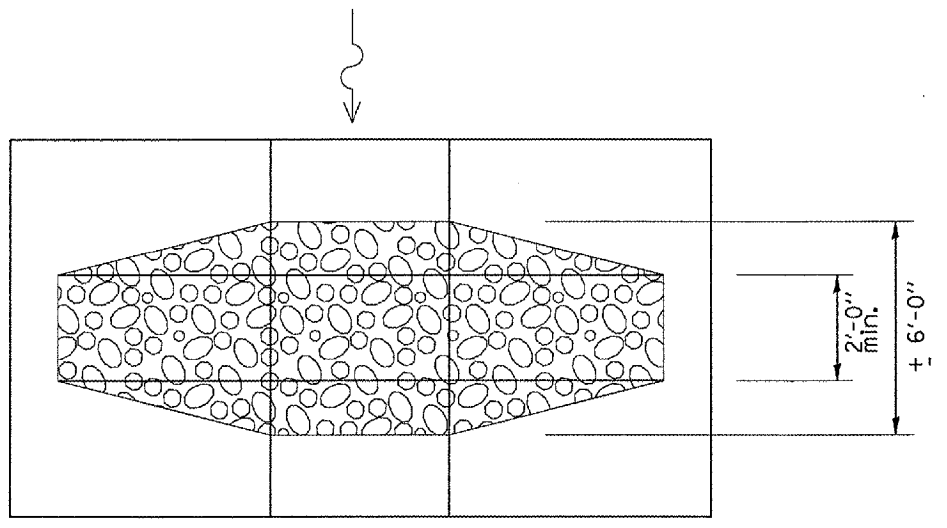
- APPROXIMATE WEIGHT SHOWN FOR VARIOUS DITCH CHECK CONFIGURATIONS IS PROVIDED FOR INFORMATION ONLY.
- THE CLEARZONE FOR THIS PROJECT IS APPROXIMATED AT 18 FEET FROM EDGE OF PAVEMENT



SECTION A - A



SIDE DITCH AGGREGATE DITCH CHECK



PLAN

ESTIMATE QUANTITIES

	FORE SLOPE	DITCH BOTTOM	BACK SLOPE	BERM SLOPE	AGGREGATE DITCH CHECK EROSION CONTROL (APPROX. TON)
SIDE DITCH	1 : 6	24"	1 : 4	1 : 10 & 1 : 2	55
SIDE DITCH	1 : 6	24"	1 : 4	1 : 2 & 1 : 2	21
SIDE DITCH	1 : 4	24"	1 : 3	1 : 10 & 1 : 2	20
SIDE DITCH	1 : 4	24"	1 : 3	1 : 2 & 1 : 2	15.5

STATION	CLASS	SIDE DITCH		FORE SLOPE	DITCH BOTTOM WIDTH	BACK SLOPE
		LEFT	RIGHT			
STA. 518+50.00	A3		1	1:4	24"	1:3
STA. 519+50.00	A3	1		1:4	24"	1:3
STA. 521+80.00	A3		1	1:4	24"	1:3
STA. 522+50.00	A3	1		1:4	24"	1:3
STA. 533+25.00	A3	1		1:4	24"	1:3
STA. 535+50.00	A3	1		1:4	24"	1:3
STA. 537+50.00	A3	1		1:4	24"	1:3
STA. 561+00.00	A3	1	1	1:4	24"	1:3
STA. 563+50.00	A3	1	1	1:4	24"	1:3
STA. 568+75.00	A3	1	1	1:4	24"	1:3
STA. 572+00.00	A3	1	1	1:4	24"	1:3
STA. 575+00.00	A3	1		1:4	24"	1:3
STA. 583+50.00	A5	1		1:3	48"	1:3
STA. 584+30.00	A5		1	1:3	48"	1:3
STA. 584+40.00	A5	1		1:3	48"	1:3
STA. 584+95.00	A5		1	1:3	48"	1:3
STA. 585+50.00	A5	1		1:3	48"	1:3
STA. 585+75.00	A5		1	1:3	48"	1:3
STA. 602+10.00	A3	1		1:3	48"	1:3
STA. 602+50.00	A3		1	1:3	48"	1:3
STA. 603+35.00	A3	1		1:3	48"	1:3
STA. 604+50.00	A3	1	1	1:3	48"	1:3
STA. 606+00.00	A3	1	1	1:4	24"	1:3
STA. 613+75.00	A3	1		1:4	24"	1:3
STA. 615+75.00	A3	1		1:4	24"	1:3
STA. 619+50.00	A3	1		1:4	24"	1:3
STA. 627+21.00	A5	1		1:2.75	60"	1:2
STA. 627+69.00	A5	1		1:2.75	60"	1:2
STA. 628+21.00	A5	1		1:2.75	60"	1:2
STA. 638+00.00	A3		1	1:4	24"	1:3
STA. 639+60.00	A5	1		1:4	24"	1:3
STA. 640+25.00	A5	1		1:3	48"	1:3
STA. 640+40.00	A3		1	1:4	24"	1:3
STA. 640+65.00	A5	1		1:3	48"	1:3
STA. 641+00.00	A5	1		1:3	48"	1:3
STA. 655+50.00	A4		1	1:4	24"	1:3
STA. 656+50.00	A4	1	1	1:4	24"	1:3
TOTAL		28	16			

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STONE RIPRAP DITCH CHECK**

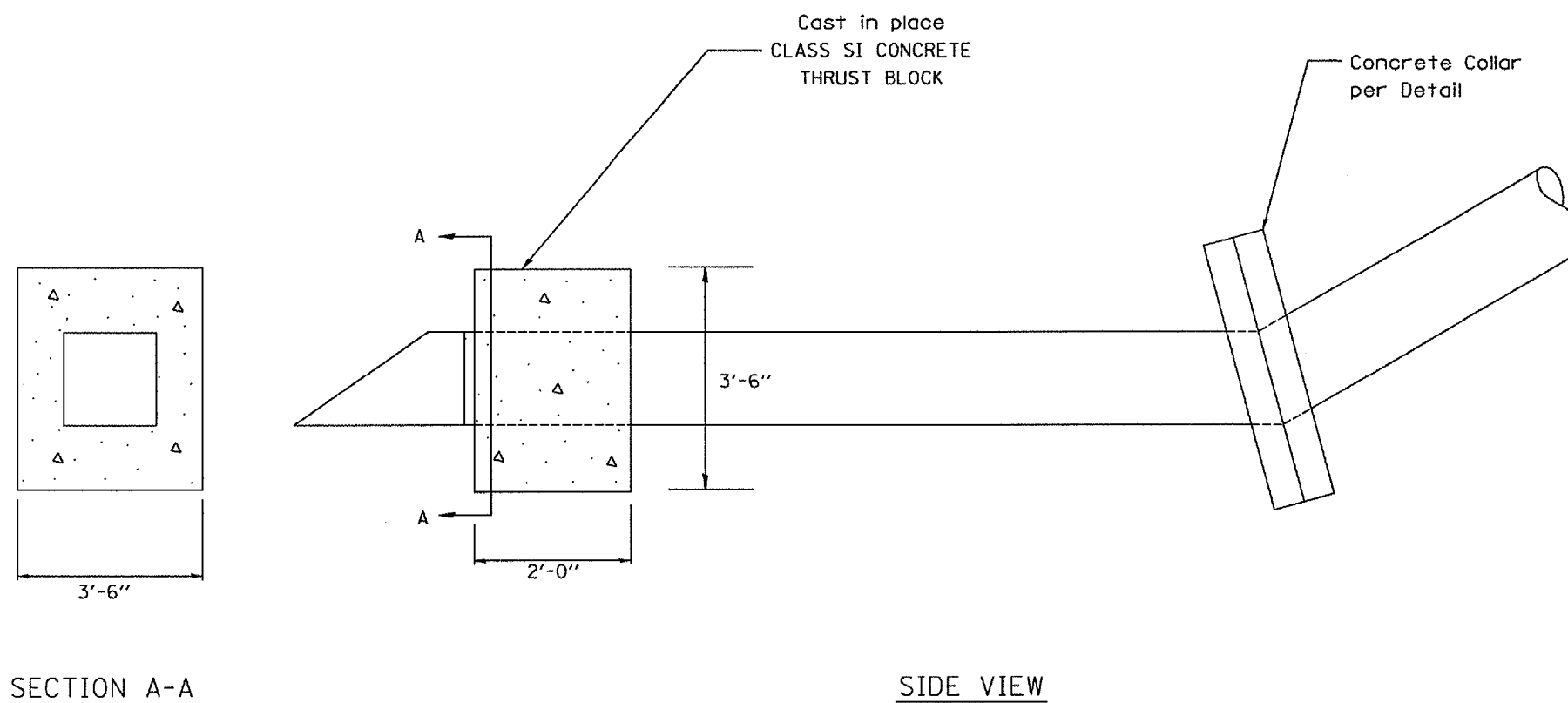
SCALE: NOT DRAWN TO SCALE  
DATE: \*\*DATE\*\*

DRAWN BY CADD  
CHECKED BY

cs:/projects/usi36sum/usi36culvert.ts.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	103
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

\*109W-1,RS-2;110W,RS-1

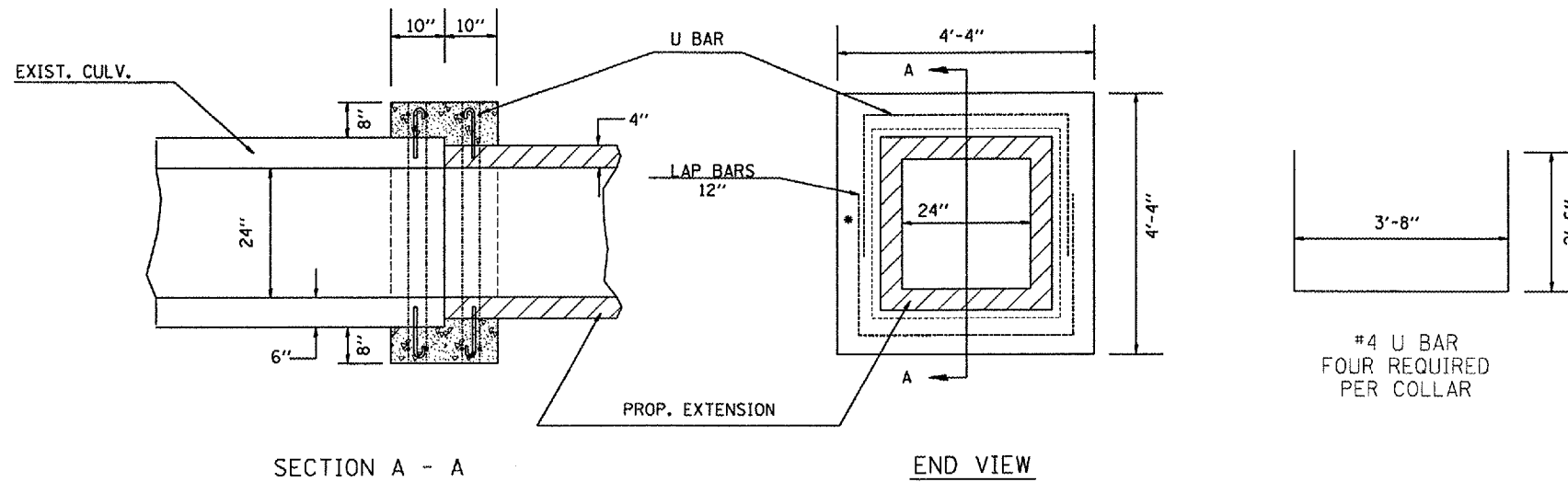


CONCRETE THRUST BLOCK  
(SPECIAL)

SCALE: NOT DRAWN TO SCALE

DRAWN BY CEM  
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	104
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				



DOWNSTREAM EXTENSION ONLY

GENERAL NOTES

1. The collar shall be constructed entirely of CLASS SI CONCRETE and in accordance with the applicable portions of section 503 of the Standard Specifications. REINFORCEMENT BARS shall conform to section 508.
2. PRIOR TO PLACEMENT OF EXTENSION, REMOVE EXISTING HEADWALL AND CULVERT TO A DEPTH OF 5 FT. FROM FACE OF EXISTING OUTLET.
3. Expansion bolts shall consist of approved expansion anchors, and M20 (3/4") hook bolts which conform to Section 1006.09. These bolts shall extend at least 6" into the new concrete.

CONCRETE COLLAR			
	CLASS SI CONCRETE	REINF. BARS, EPOXY COATED	EXPANSION BOLTS 3/4"
LOCATION	CU. YD.	POUND	EACH
LT. STA. 641+33.80	0.83	42	16

\$\$\$DATE\$\$\$

\*BGN:ONLY\*

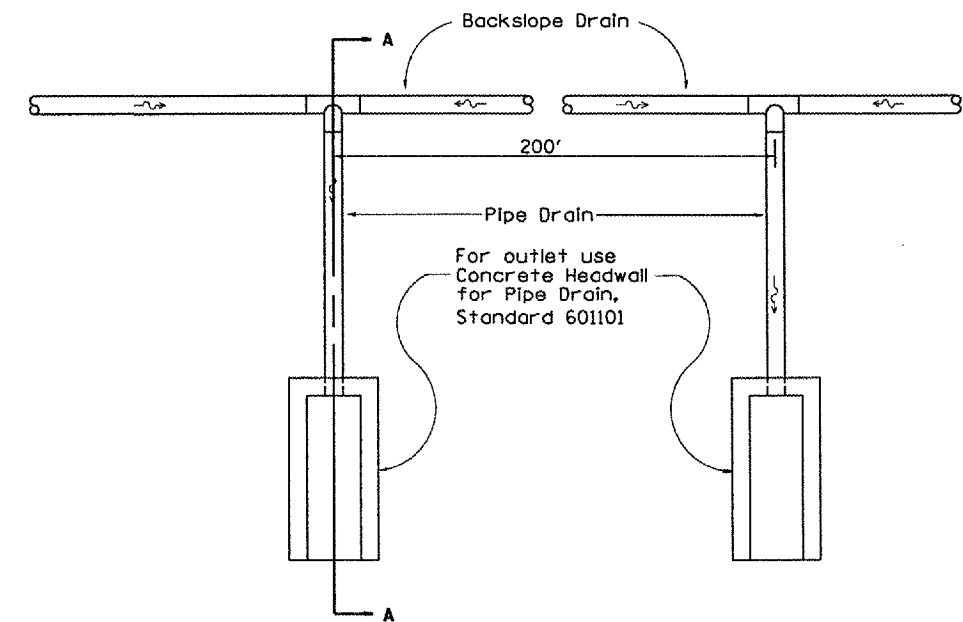
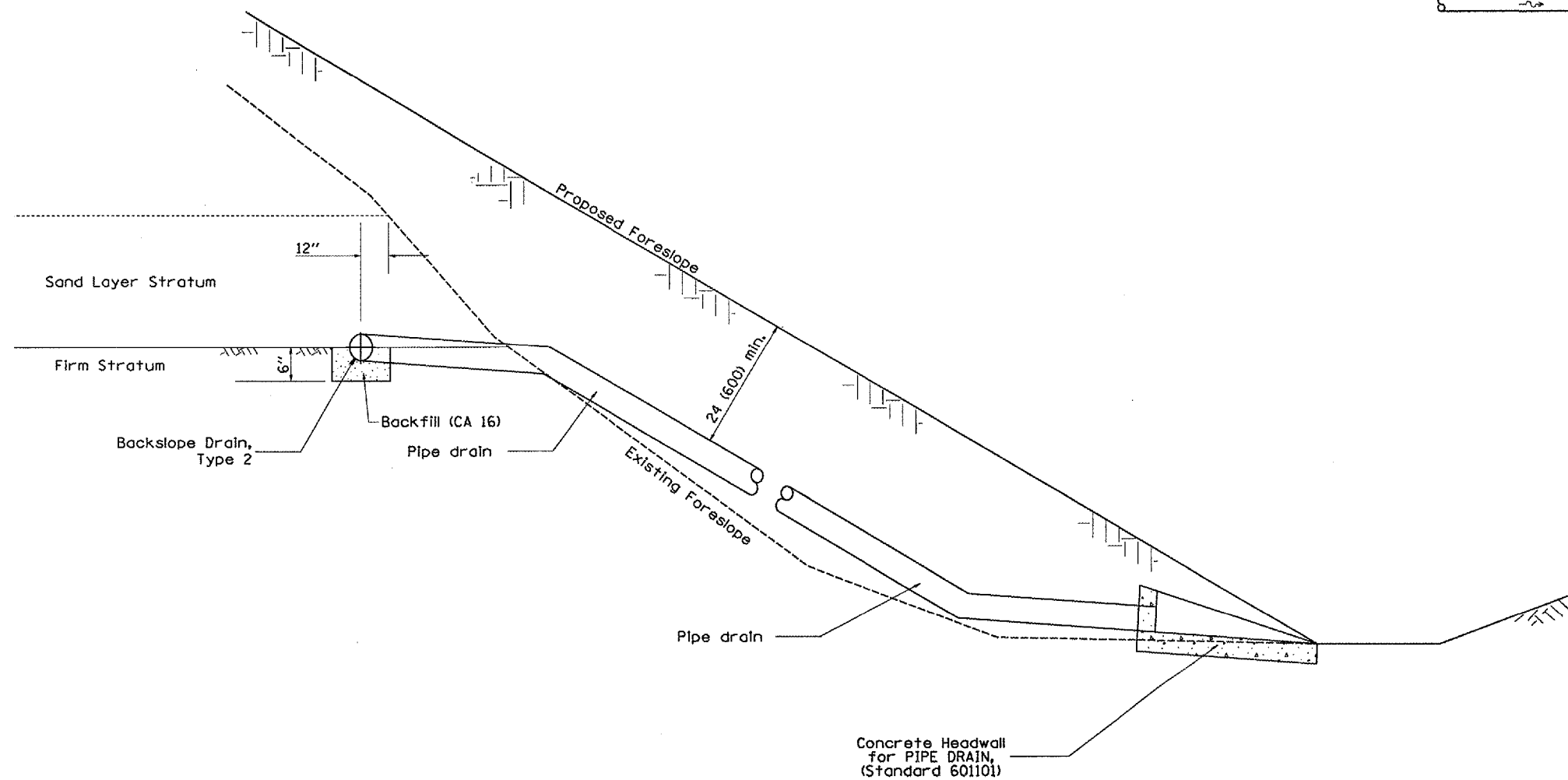
ILLINOIS DEPARTMENT OF TRANSPORTATION

CONCRETE COLLAR DETAIL  
STA. 641+33.80 LT

DATE 03/27/2006  
SCALE: NOT DRAWN TO SCALE

DRAWN BY CEM  
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	105
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				

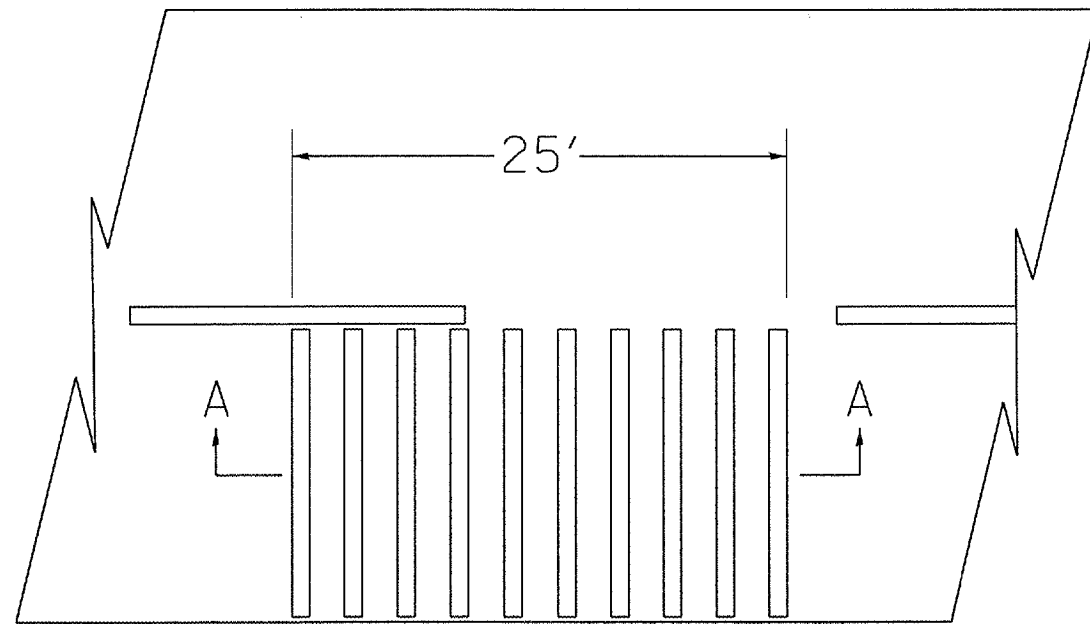


2. This work shall be done in accordance with the applicable portion of Articles 601 and 207 of the Standard Specifications.

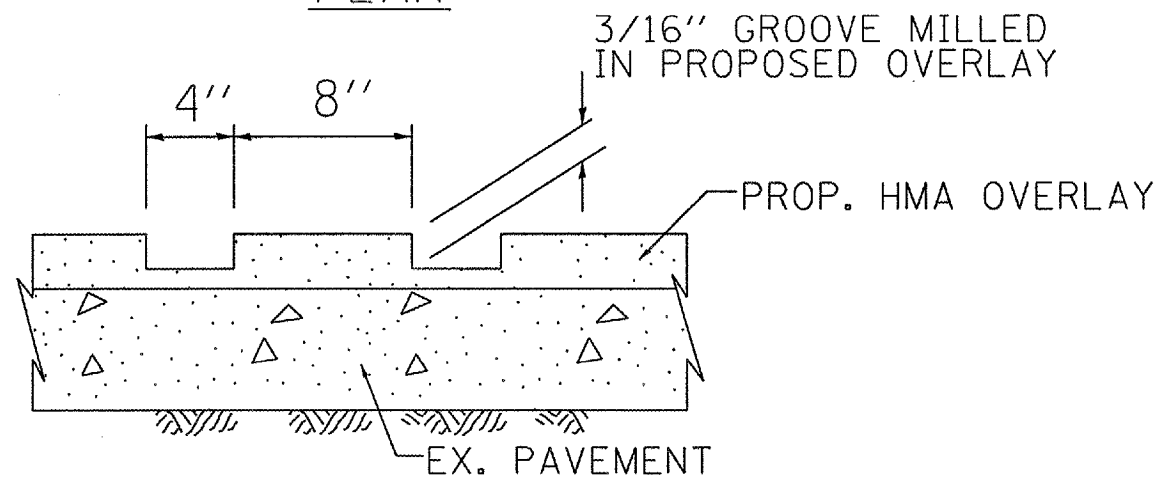
ILLINOIS DEPARTMENT OF TRANSPORTATION	
<b>BACKSLOPE DRAINS, TYPE 2 6"</b>	
SCALE: NOT DRAWN TO SCALE	DRAWN BY CEM CHECKED BY HS

c:/projects/us136sum/us136culvert/ts.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	106
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				



PLAN



SECTION A-A

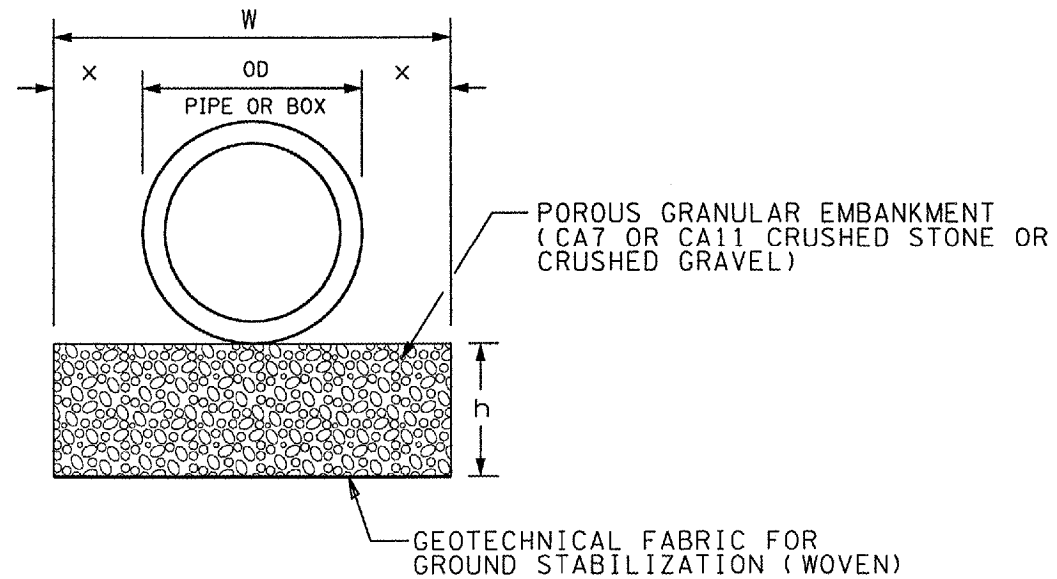
RUMBLE STRIP  
DETAIL

SCALE: NOT DRAWN TO SCALE

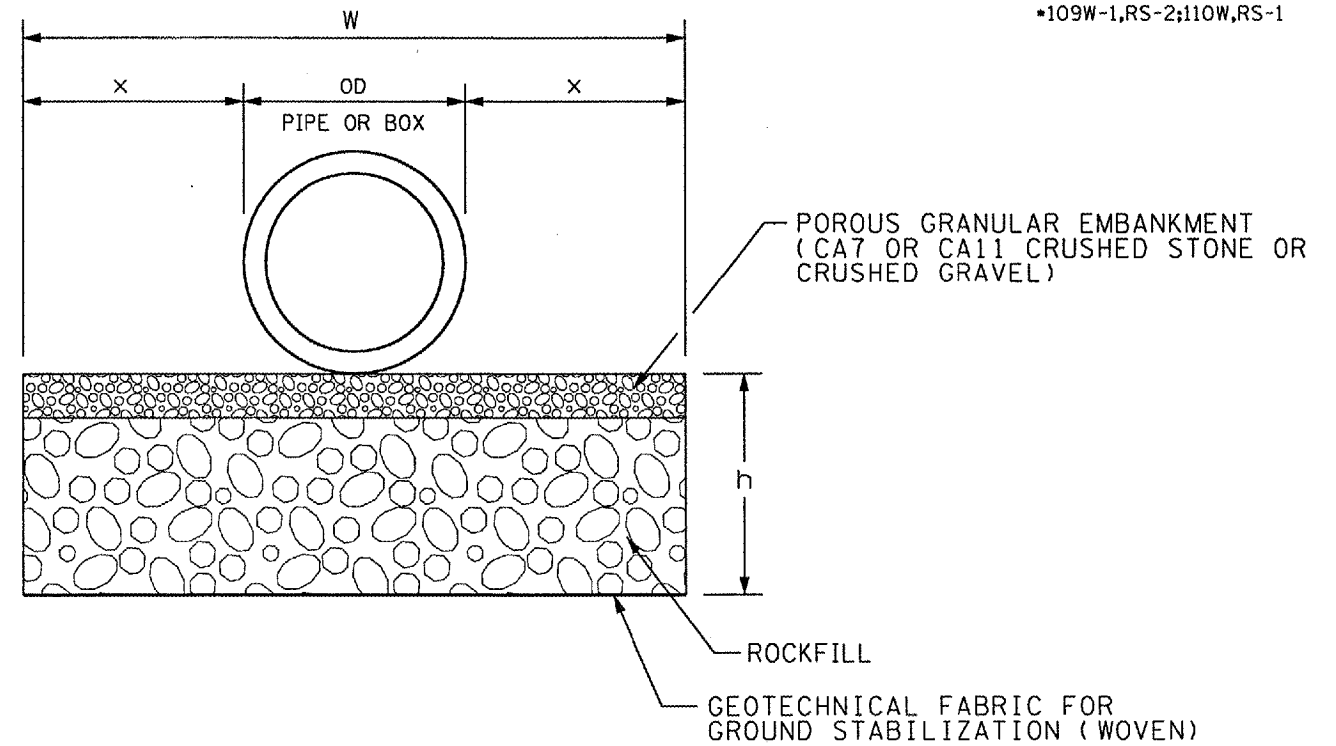
DRAWN BY CEM  
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EUILTON	324	127
FED. AID PROJECT				

\*109W-1,RS-2;110W,RS-1



ALTERNATE I: FOR 12" TO 18" UNDERCUT



ALTERNATE II: FOR 18" TO 36" UNDERCUT

CULVERT LOCATION	TYPE	SIZE	UNDERCUT			
			DEPTH	WIDTH		
			h	x	OD	W
STA. 509+57.02	RCCP	30"	*4"	12"	37"	61"
STA. 515+13.83	RCCP	24"	18"	18"	30"	66"
STA. 525+40.71	RCCP	24"	12"	12"	30"	54"
STA. 532+50.00	RCCP	18"	*4"	9"	23"	41"
•• STA. 539+54.90	CIP BOX	8'X6'	6.5'	6.5'	9.0'	22.0'
STA. 547+35.20	RCCP	24"	*4"	9"	30"	48"
STA. 572+59.40	PRECAST	3'X2'	18"	18"	44"	80"
STA. 586+00.00	RCCP	48" JACKED				
STA. 601+79.18 LT	CIP BOX	10'X8'	5.5'	5.5'	11.3'	22.3'
STA. 601+79.18 RT	CIP BOX	10'X8'	3.5'	3.5'	11.3'	18.3'
STA. 613+37.60 LT	PRECAST	2'X2'	18"	18"	30"	66"
STA. 613+37.60 RT	PRECAST	2'X2'	12"	12"	30"	54"
STA. 618+84.60 LT & RT	PRECAST	2'X2'	18"	18"	30"	66"
STA. 627+05.00	RCCP	30" LINER				
STA. 641+33.80 LT & RT	PRECAST	2'X2'	*6"	9"	30"	48"
STA. 657+05.59 LT	CIP BOX	8'X8'	5.0'	5.0'	9.3'	19.3'
STA. 657+05.59 RT	CIP BOX	8'X8'	4.0'	4.0'	9.3'	17.3'

- MIN. UNDERCUT PER ARTICLE 540.06 OR 542.04
- SHALE LAYER MAY BE ENCOUNTERED WITHIN THE RECOMMENDED DEPTH OF UNDERCUT. IF ENCOUNTERED DURING THE UNDERCUT OPERATION, FURTHER UNDERCUT INTO THE SHALE LAYER IS NOT REQUIRED

GENERAL NOTES:

- Undercut if the Dynamic Cone Penetrometer tests indicate soil strength is less than 1 ton/sq ft.
- DEFINITIONS:  
 OD = Outside Diameter or outside width of box culvert  
 h = Depth of undercut (for precast box culverts, the upper 6" is included in the cost of culvert).  
 x = h or min. width specified in Sec. 542.04, which ever is greater for pipe culverts.  
 x = h or minimum 2 feet, which ever is greater for box culverts.  
 W = Width of undercut = 2x + OD
- For undercuts greater than 36", use Alternate II with undercut treatments as directed by the District Geotechnical Engineer.

DATE	REVISIONS	BY

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SPECIAL DETAIL SHEET**  
 UNSUITABLE  
 EXCAVATION TREATMENT  
 FOR CROSS ROAD  
 CULVERTS  
 SCALE: NOT DRAWN TO SCALE  
 DATE 9-7-2007

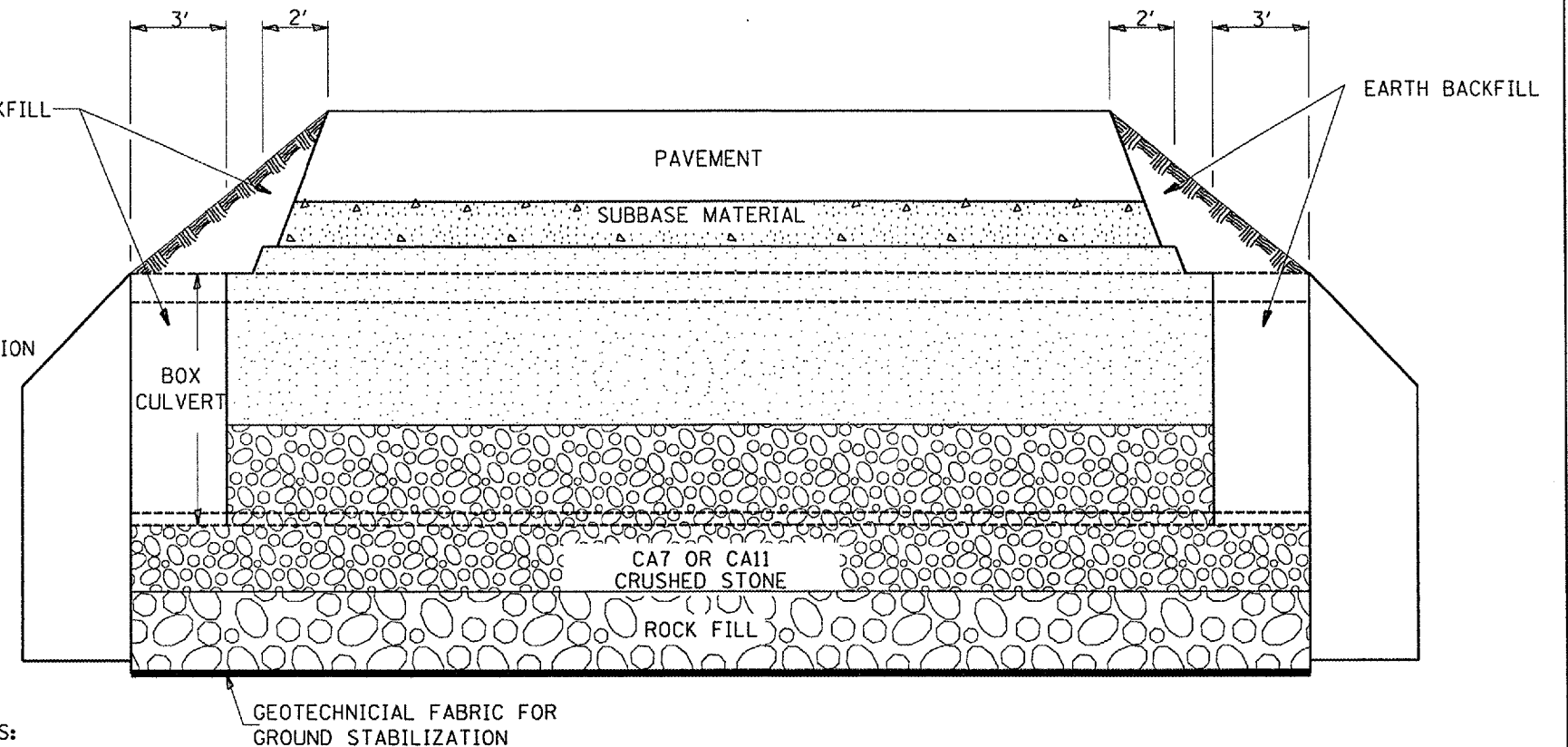
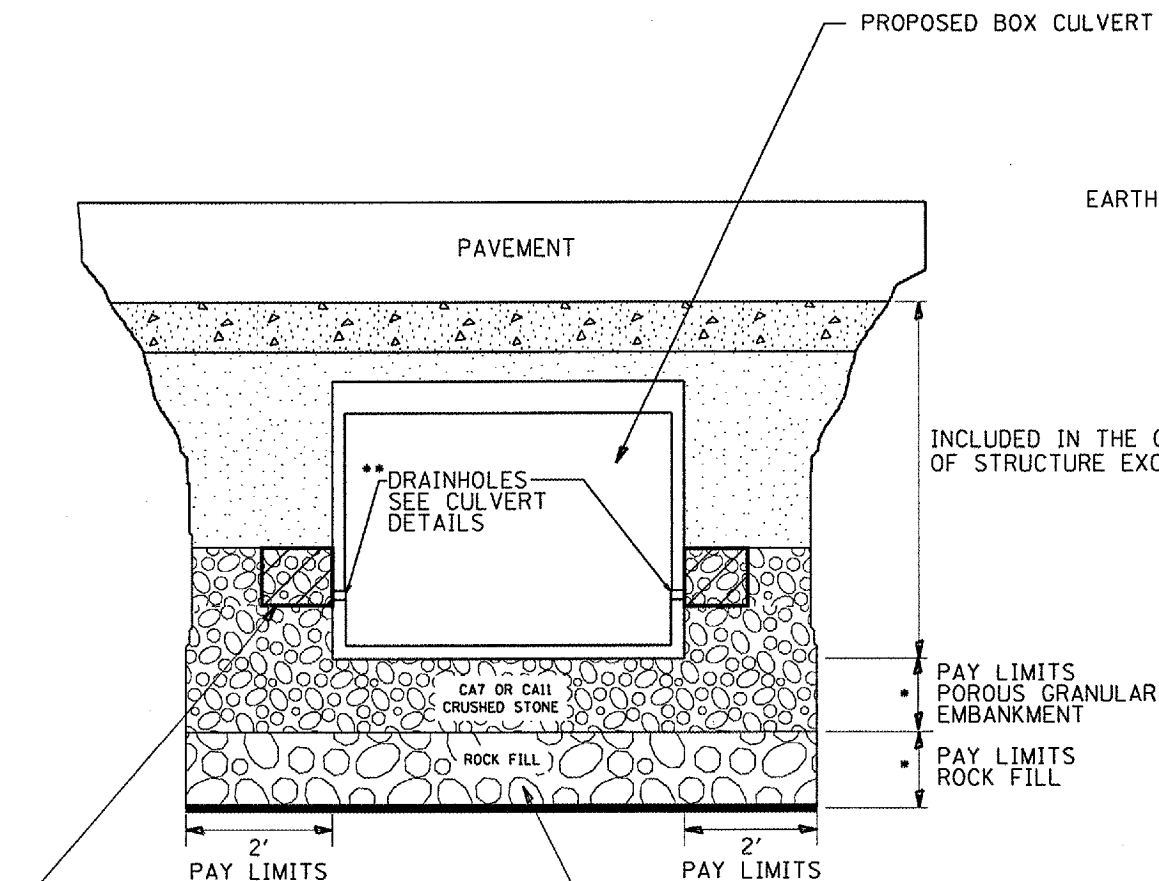
DRAWN BY CEM  
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EULON	324	106
FED. AID PROJECT				

\*109W-1,RS-2;110W,RS-1

### ROADWAY PROFILE VIEW

### ROADWAY CROSS SECTION VIEW



2' x 2' x 2' DEPOSIT OF CA 5, 7, OR 11 IN FABRIC ENVELOPE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS (TYPICAL)

PROPOSED REMOVAL & DISPOSAL OF UNSUITABLE, AND REPLACE WITH ROCKFILL WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION. PAID FOR BY RESPECTIVE PAY ITEMS

- SEE UNDERCUT DETAIL FOR DEPTHS AND WIDTHS.
- EXTEND THE POROUS GRANULAR EMBANKMENT TO THE TOP OF THE DRAINHOLE FILTER FABRIC ENVELOPES. IF THE BOX CULVERT DOES NOT HAVE DRAINHOLES, THEN BEGIN PLACING TRENCH BACKFILL AT THE BOTTOM OF THE CULVERT.

- NOTES:
- THE PLACEMENT AND COMPACTION OF BACKFILL SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS AND THIS DETAIL.
  - 8X6 BOX CULVERT AT STA. 539+54.90 SHOWN PER DETAIL. 10X8 BOX CULVERT EXTENSIONS AT STA. 601+79.18 SHOWN SIMILAR AT EXTENSIONS

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ILLINOIS DEPARTMENT OF TRANSPORTATION		
SPECIAL DETAIL SHEET		
DATE	REVISIONS	BY

EXCAVATION AND BACKFILL FOR BOX CULVERTS STA. 539+54.90 AND STA. 601+79.18

SCALE: NOT DRAWN TO SCALE      DRAWN BY CEM

DATE 9-11-2007      CHECKED BY

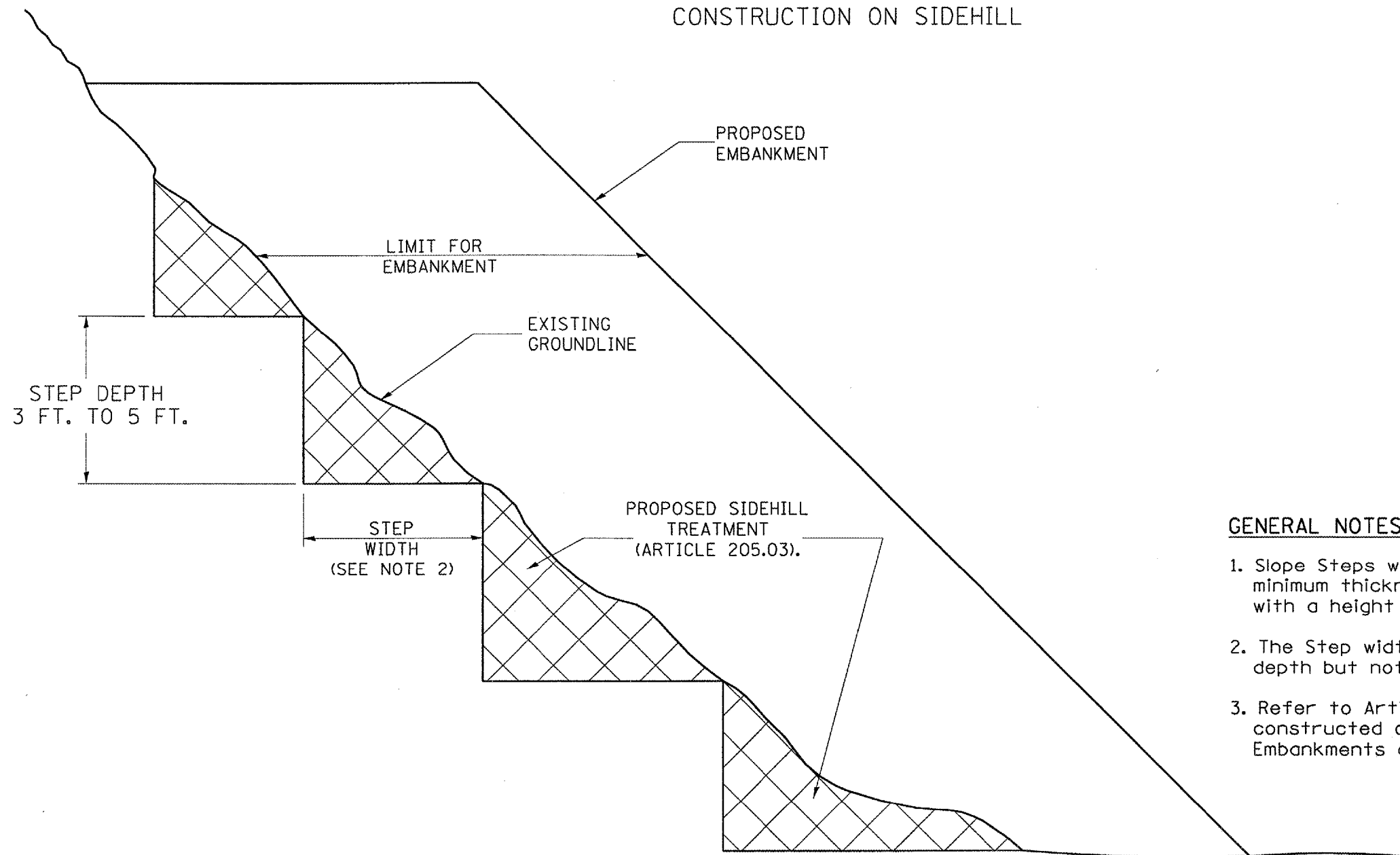


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
315	.	FULTON	324 109
STA.		TO STA.	
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT	

\*109W-1,RS-2;110W,RS-1

## SLOPE STEPS DETAIL

### TYPICAL CROSS-SECTION EMBANKMENT CONSTRUCTION ON SIDEHILL



#### GENERAL NOTES:

1. Slope Steps will be required for all 12(300) minimum thickness "silver fills" and on a fills with a height of 10'(3.0m).
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

#### REPLACEMENT MATERIAL:



STANDARD EMBANKMENT (IN ACCORDANCE WITH 205 OF THE STANDARD SPECIFACATION).

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

DATE	REVISIONS	BY
1-1-97	RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE BOX, REVISED GENERAL NOTES.	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

## SLOPE STEPS DETAIL

CADD STD. NO. 205001-D4  
SCALE: NOT DRAWN TO SCALE

DRAWN BY CADD  
CHECKED BY

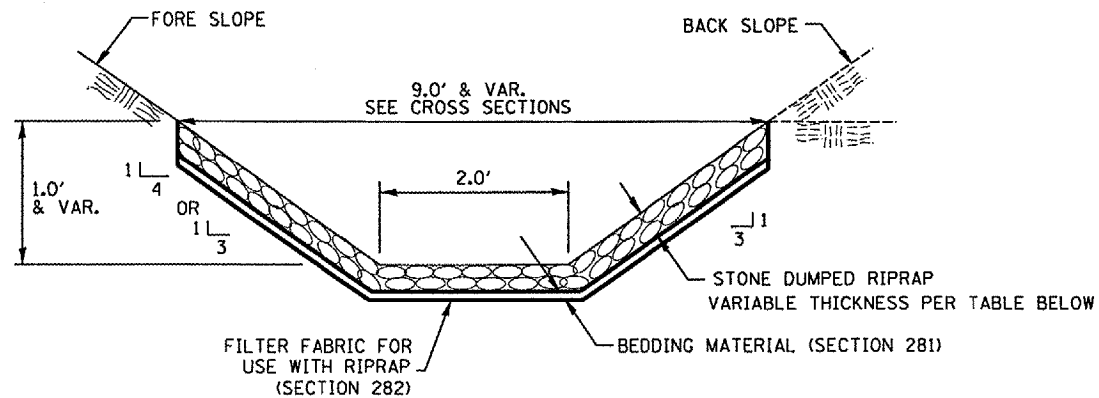
205001-D4

cadd\projects\us136sum\us136culvert.s.dgn

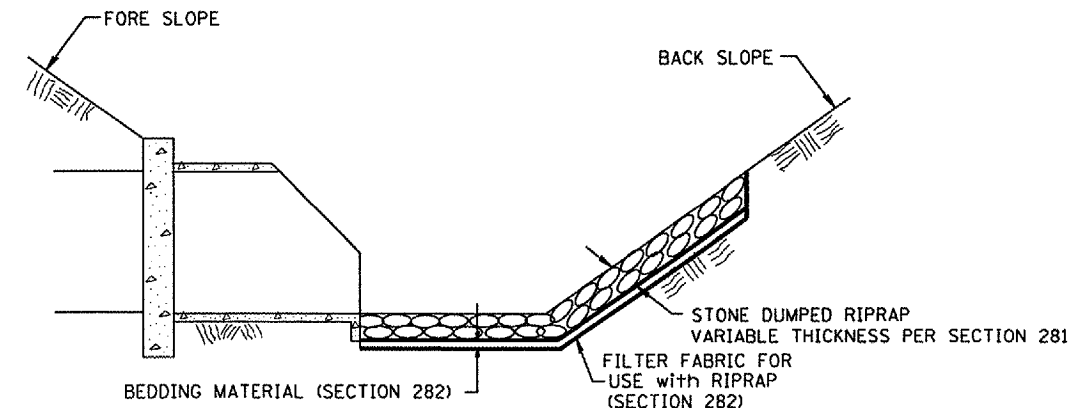
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	110
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

\*109W-1,RS-2;110W,RS-1

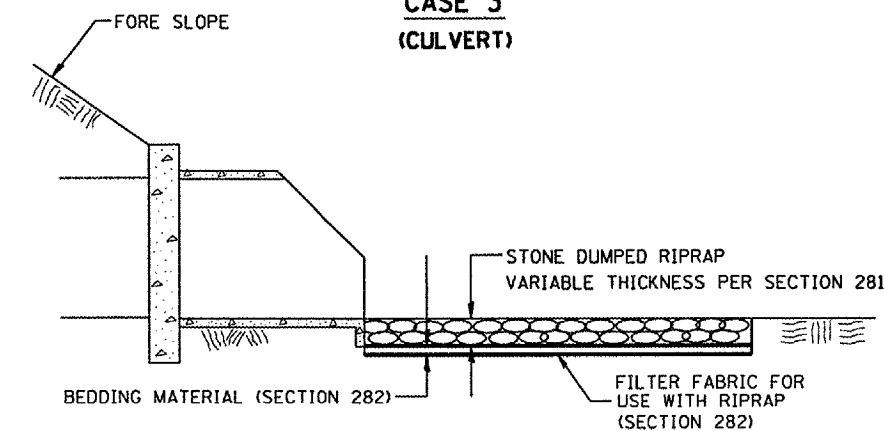
**CASE 1  
(DITCH)**



**CASE 2  
(CULVERT & SLOPE)**



**CASE 3  
(CULVERT)**



LOCATION	CLASS	DEPTH (min) (in)
LT STA. 509+00.00 TO STA. 509+57.02	A3	8
LT STA. 509+57.02 OUTLET	A3	8
LT STA. 515+13.83 OUTLET	A3	8
LT STA. 525+40.71 OUTLET	A3	8
LT STA. 532+50.00 OUTLET	A3	16
LT STA. 532+50.00 TO STA. 538+66.50	A3	16
LT STA. 539+18.80 TO STA. 539+54.90	A4	24
LT STA. 539+54.90 OUTLET	A4	24
LT STA. 539+54.90 TO STA. 541+50.00	A4	24
LT STA. 547+35.20 OUTLET	A3	8
LT STA. 572+59.40 OUTLET	A3	8
LT STA. 583+32.70 TO STA. 586+81.00	A5	30
LT STA. 596+55.00 TO STA. 597+32.00	A3	12
LT STA. 601+79.18 OUTLET	A5	30
LT STA. 601+79.18 TO STA. 606+50.00	A3	24
LT STA. 613+00.00 TO STA. 613+37.60	A3	12
LT STA. 613+37.60 INLET	A3	12
LT STA. 613+37.60 TO STA. 614+50.00	A3	12
LT STA. 618+00.00 TO STA. 618+84.60	A3	12
LT STA. 618+84.60 INLET	A3	12
LT STA. 618+84.60 TO STA. 620+00.00	A3	12
LT STA. 627+05.00 OUTLET	A5	30
LT STA. 639+00.00 TO STA. 640+50.00	A4	36
LT STA. 640+50.00 TO STA. 641+33.80	A5	36
LT STA. 641+33.80 OUTLET	A5	36
LT STA. 655+50.00 TO STA. 657+05.59	A4	24
LT STA. 657+05.59 OUTLET	A4	24
LT STA. 657+05.59 TO STA. 657+50.00	A4	24
CULVERT OUTLET LT STA. 627+05.00 STA. 1+00.00 TO STA. 2+87.00	A5	30

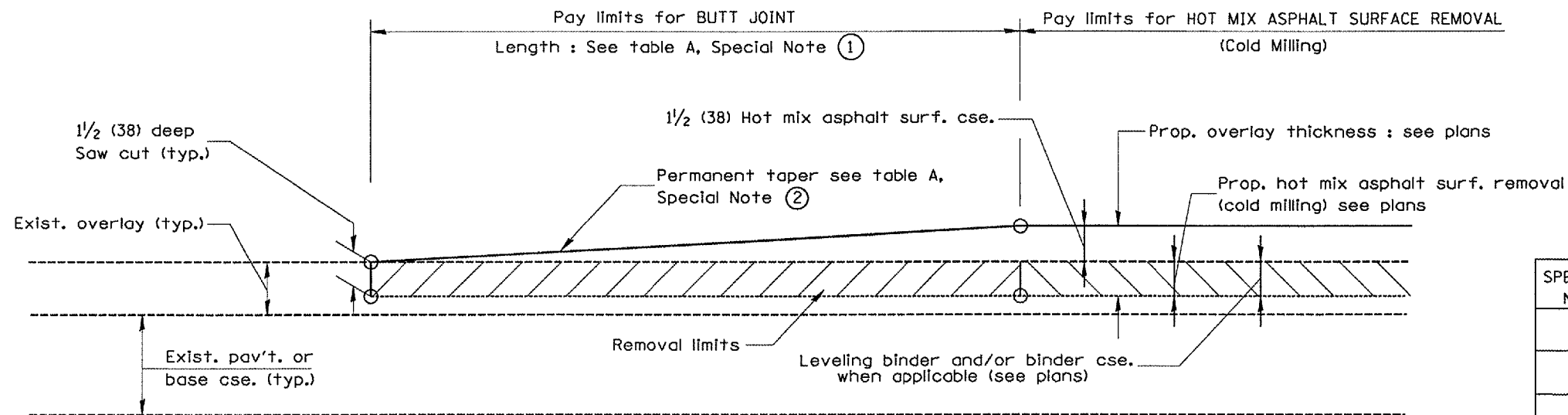
LOCATION	CLASS	DEPTH (min) (in)
RT STA. 538+40.55 TO STA. 539+54.90	A4	24
RT STA. 539+54.90 INLET	A4	24
RT STA. 539+54.90 TO STA. 541+00.00	A4	24
RT STA. 572+59.40 OUTLET	A3	8
RT STA. 583+72.70 TO STA. 586+16.00	A5	30
RT STA. 586+16.00 OUTLET	A6	30
RT STA. 596+50.00 TO STA. 597+30.00	A3	12
RT STA. 597+90.00 TO STA. 598+60.00	A3	12
RT STA. 600+00.00 TO STA. 601+79.18	A4	24
RT STA. 601+79.18 INLET	A5	30
RT STA. 601+79.18 TO STA. 603+00.00	A4	24
RT STA. 604+18.30 TO STA. 606+50.00	A3	24
RT STA. 613+37.60 OUTLET	A3	12
RT STA. 618+84.60 OUTLET	A3	12
RT STA. 618+84.60 TO STA. 620+50.00	A3	12
RT STA. 640+80.00 TO STA. 641+51.00	A4	24
RT STA. 652+50.00 TO STA. 653+85.00	A4	24
RT STA. 654+36.00 TO STA. 657+05.59	A4	24
RT STA. 657+05.59 INLET	A4	24
RT STA. 657+05.59 TO STA. 658+00.00	A4	24

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SPECIAL DETAIL SHEET  
**RIPRAP DITCH FOR  
 EROSION PROTECTION**  
 SCALE: NOT DRAWN TO SCALE  
 DRAWN BY CADD  
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
315		FULTON	324/111
STA.	TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT			

•109W-1,RS-2;110W,RS-1



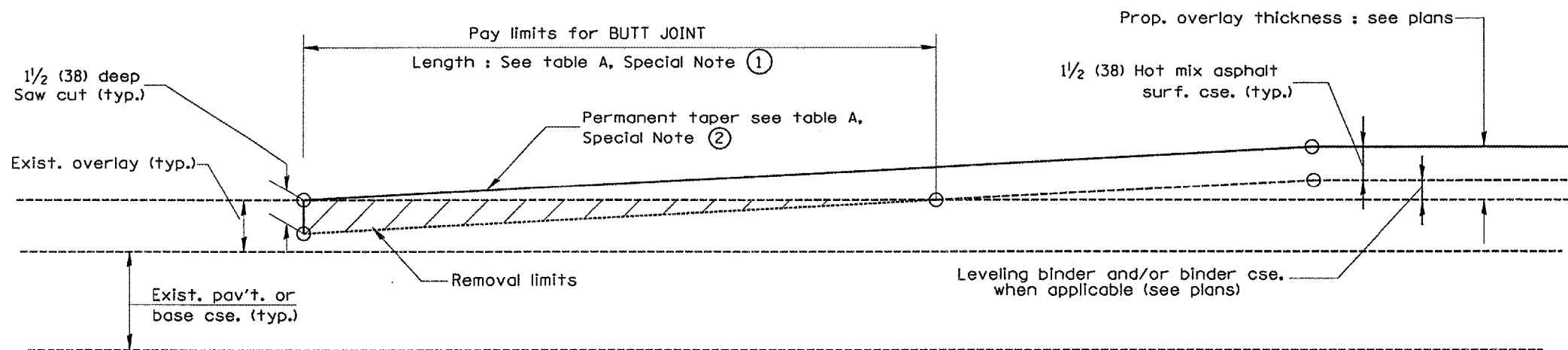
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A  
(LENGTHS AND TAPER RATES)**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

**GENERAL NOTES**

- The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
- 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.
- 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.



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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

**BUTT JOINTS**

CADD STD NO. 406101-D4 SHEET 1 OF 3

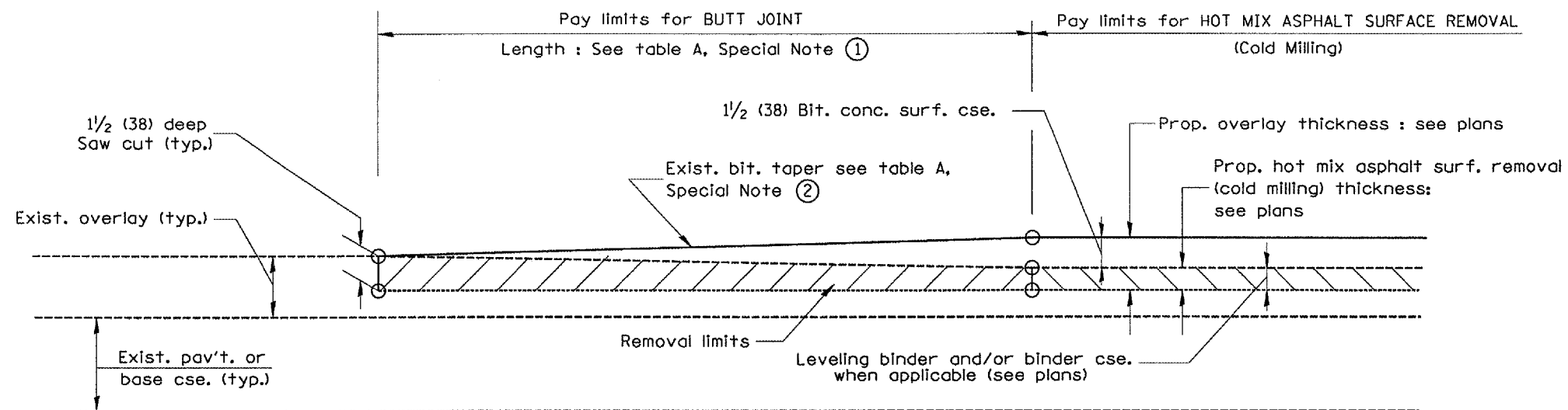
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DATE

DATE	REVISIONS	BY
1-1-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
4-1-97	CORRECTION TO DEPTH	J.A.
9-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

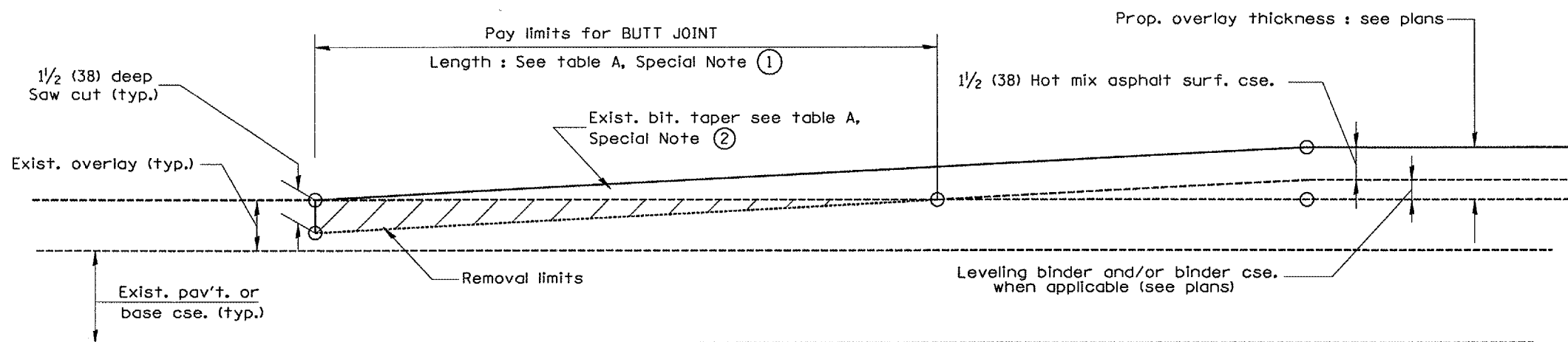
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	112
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

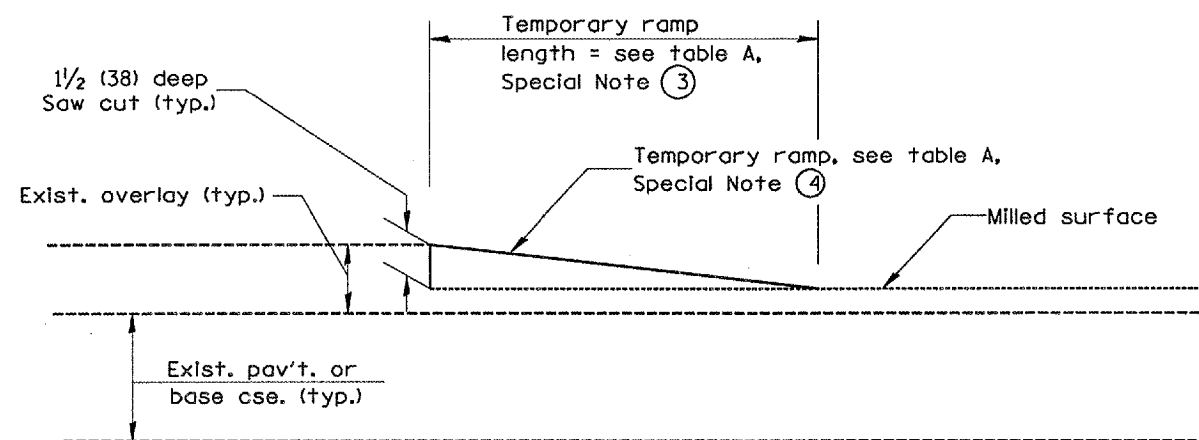
•109W-1,RS-2;110W,RS-1



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



**CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**



**DETAIL TEMPORARY RAMP**

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

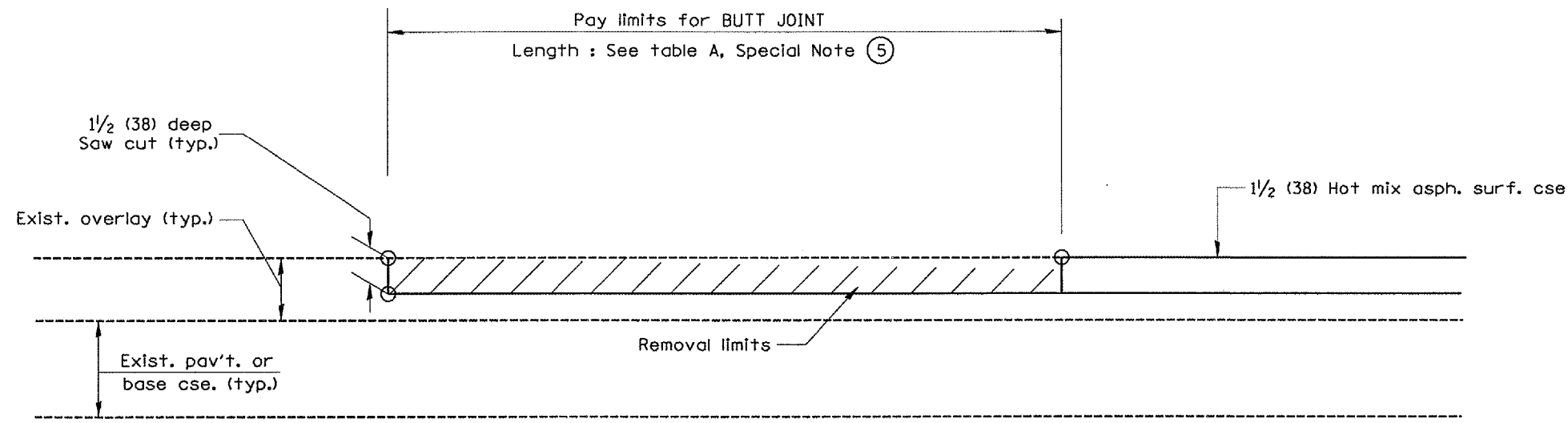
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

BUTT JOINTS

CADD STD NO. 406101-D4 SHEET 2 OF 3  
SCALE: NOT DRAWN TO SCALE  
DRAWN BY CADD  
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	113
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

•109W-1,RS-2;110W,RS-1



**CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**

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

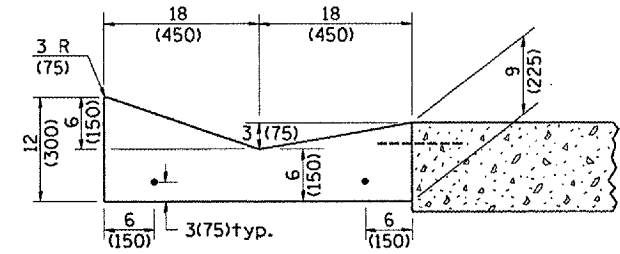
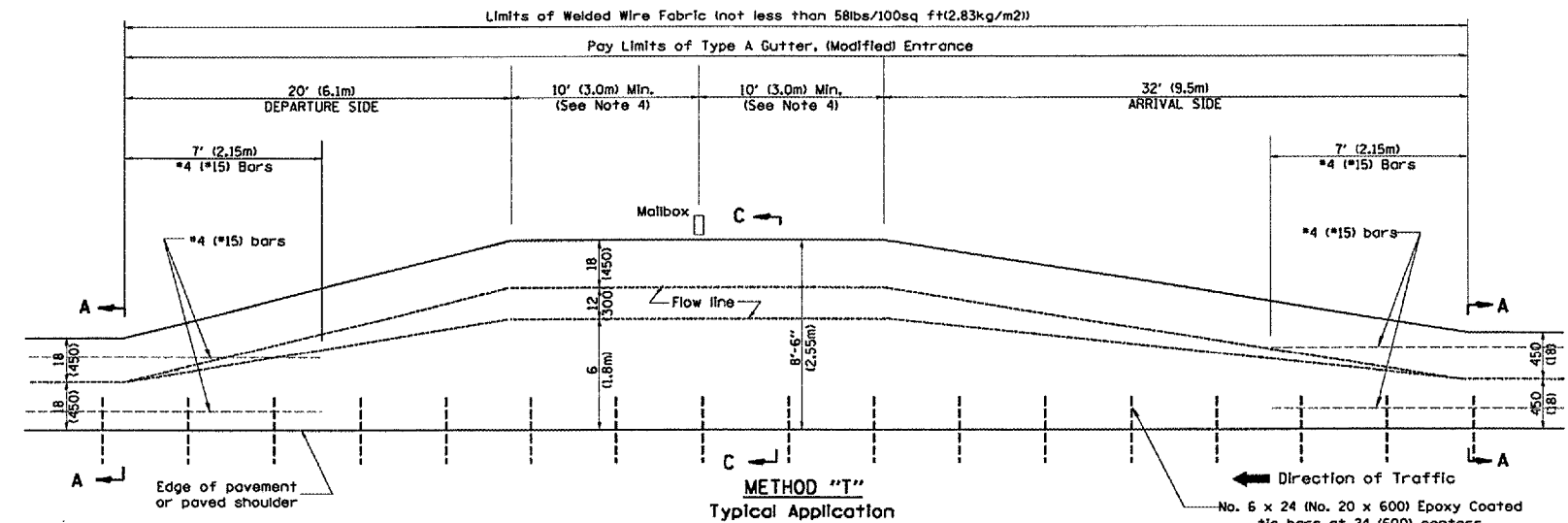
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

BUTT JOINTS

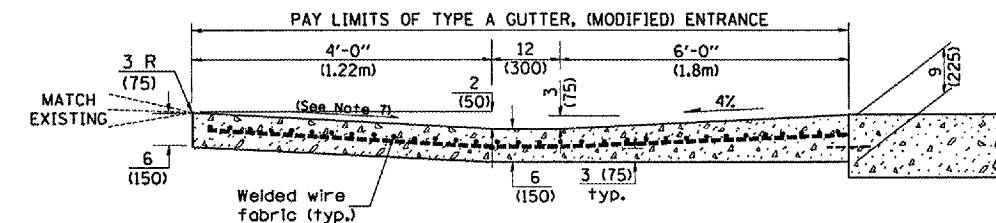
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SCALE: NOT DRAWN TO SCALE DRAWN BY CADD  
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	114
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

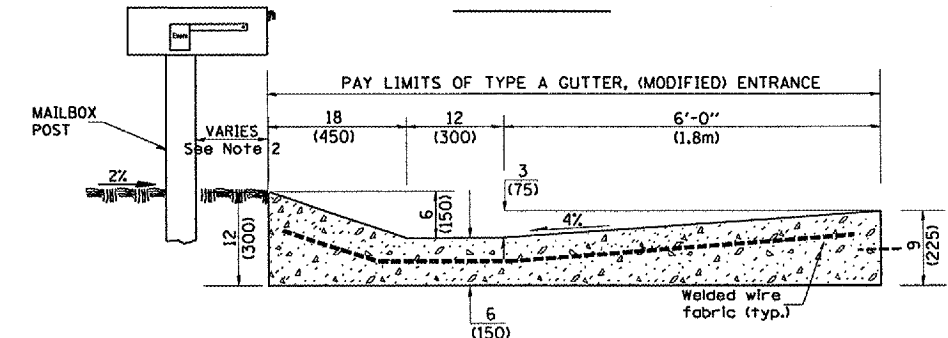
\*109W-1,RS-2;110W,RS-1



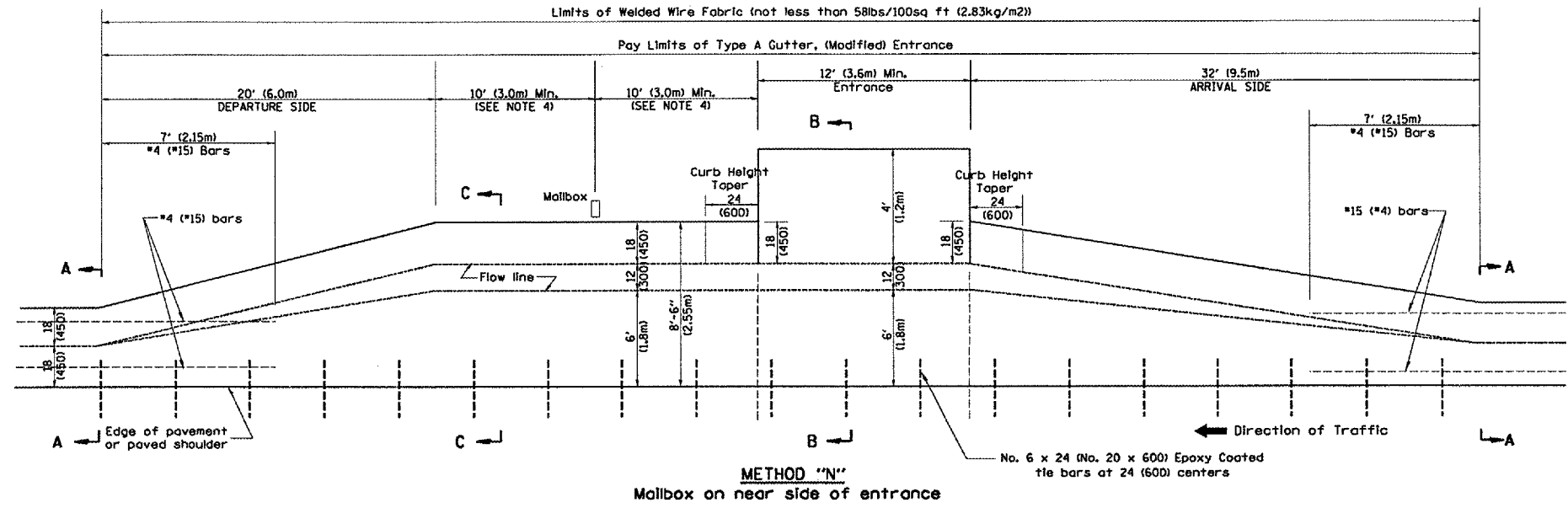
SECTION A-A



SECTION B-B

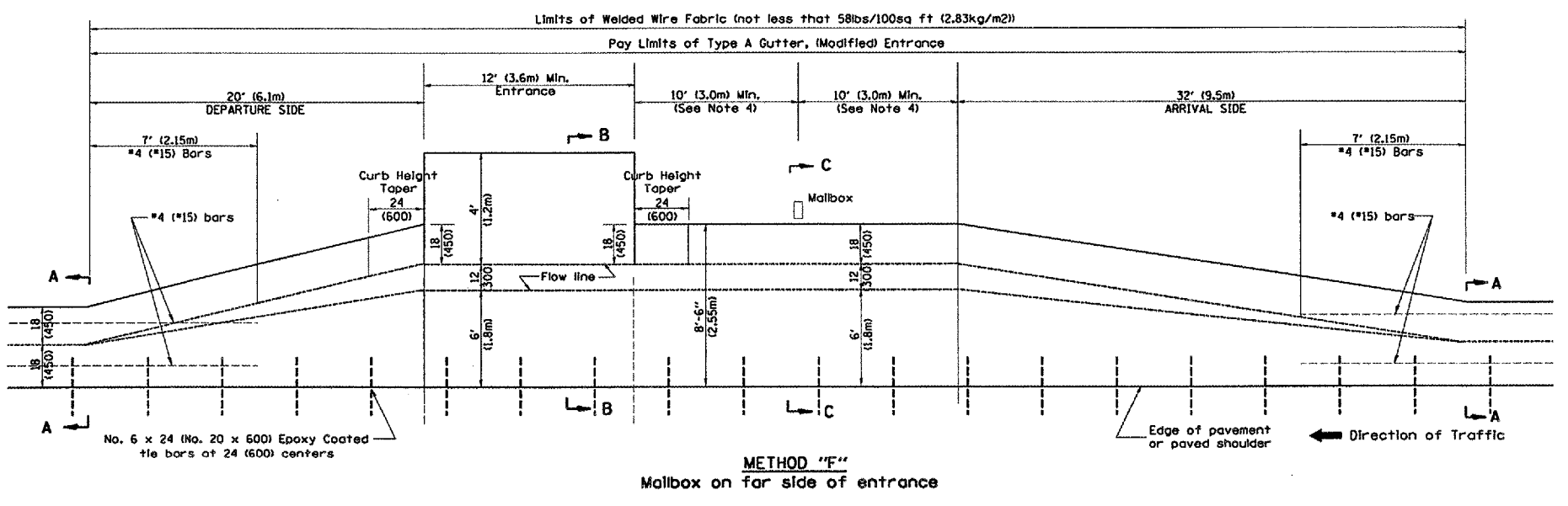


SECTION C-C



METHOD "N"

Mailbox on near side of entrance



METHOD "F"

Mailbox on far side of entrance

LOCATION	LENGTH	CU YD / FT	CU M / M
Arrival Side	32 ft (9.5 m)	0.14	0.35
Section B-B	12 ft (3.6 m) Min.	0.23	0.57
Section C-C	20 ft (6.0 m) Min.	0.20	0.50
Departure Side	20 ft (6.1 m)	0.14	0.35

GENERAL NOTES

- See plans for turnout slopes on super elevated horizontal curves.
- Mailboxes shall be mounted such that the face of the mailbox is vertically above the back of the gutter.
- The mailbox turnout shall be saw cut at approximately 10'-0" (3.0m) centers.
- If more than one mailbox is present, this dimension shall be measured from the end box in each direction.
- Refer to the plans for entrance width, length and surface type.
- The cross slope is to be constructed as given in the plans from back of turnout to where driveway matches existing.
- Slope may be increased from 4% (min.) to 6% (max.) in order to match the existing.

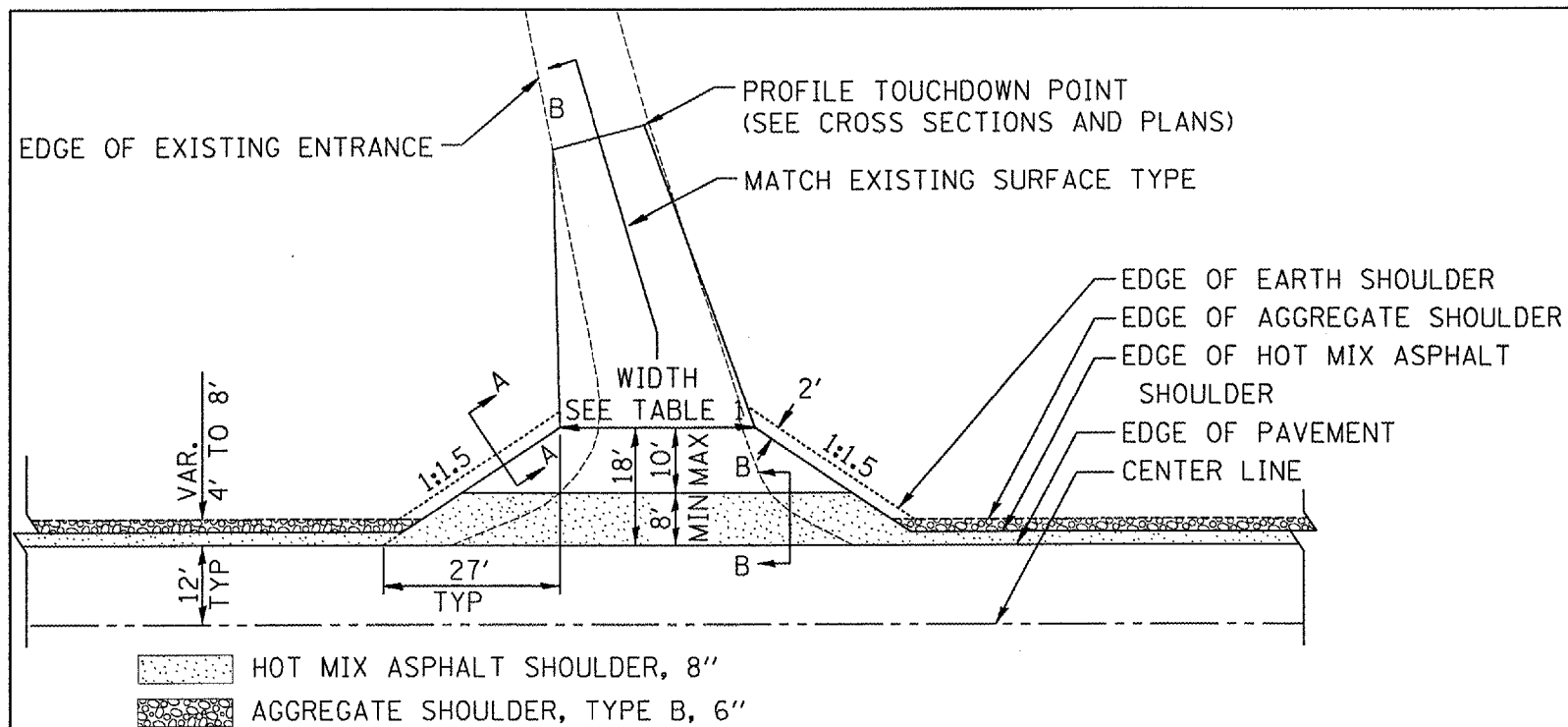
All dimensions are in inches (millimeters) unless otherwise noted.

DATE	REVISIONS	BY
10-16-06	REVISED TO 2007 SPEC.	M.A.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**  
**MAILBOX TURNOUTS IN TYPE A GUTTER, (MODIFIED) SECTION**  
 CADD STD NO. 406211-04  
 SCALE: NOT DRAWN TO SCALE  
 DRAWN BY: CADD  
 CHECKED BY: T. PICKERING

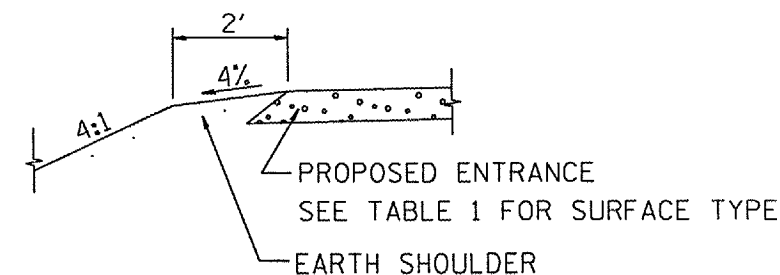
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	329	115
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
•109W-1,RS-2;110W,RS-1				



**PLAN**  
COMMERCIAL / FARM-RELATED ENTRANCE

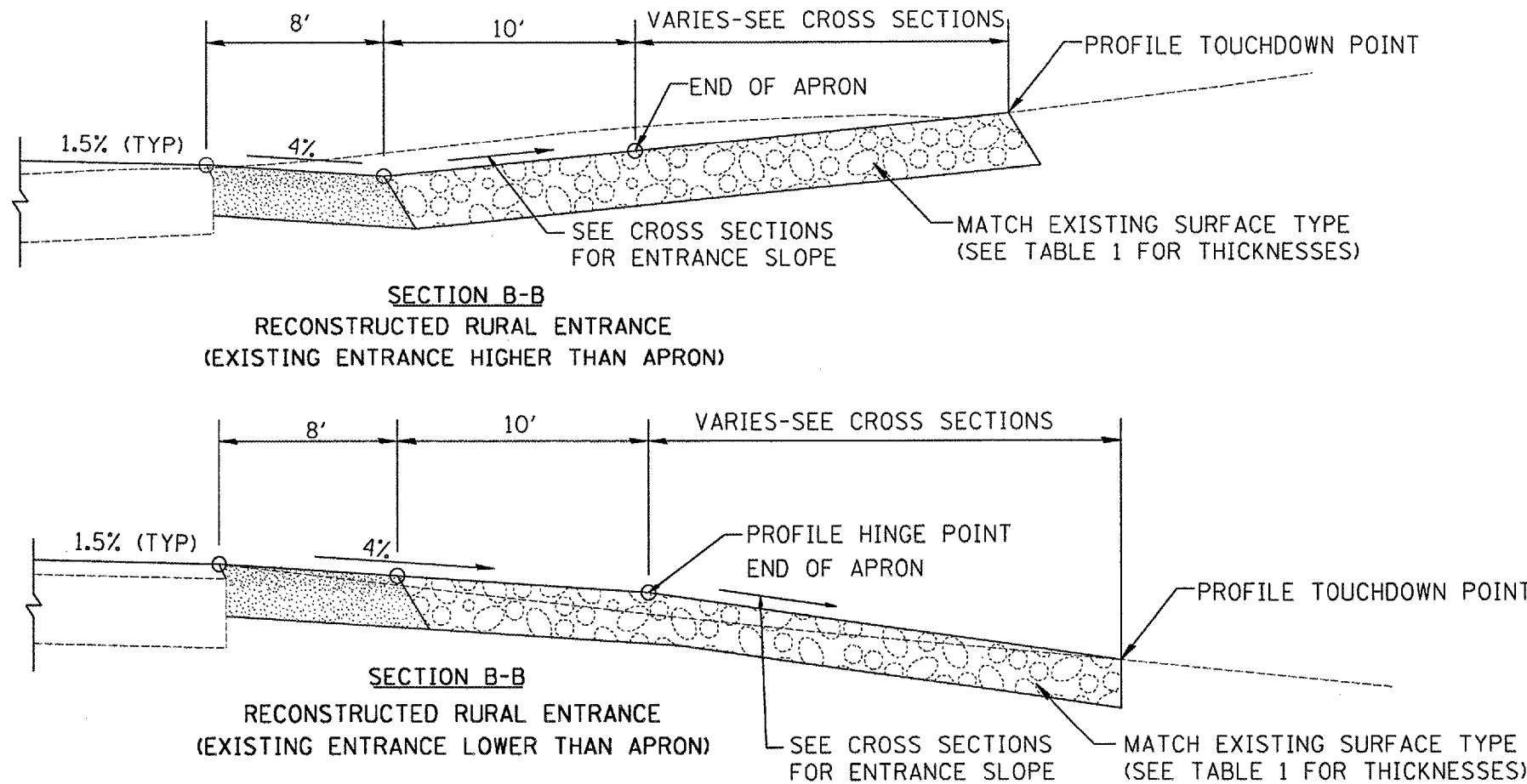
ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT		COMMERCIAL	
					1-WAY OPERATION	2-WAY OPERATION
WIDTH (W)	12'(3.6m) Min.	24'(7.2m) Max.	20' (6.1m)Max.	30' (9.0m)Max.	14'(4.3m) Min.	24'(7.2m) Max.
FLARE	1:1.5					
MAX. GRADE (G)	12%		12%		10%	
SURFACE TYPE						
INCIDENTAL HOT MIX ASPHALT SURFACING	6"		—		8"	
AGGREGATE SURFACE COURSE	6"		8"		8"	
PCC DRIVEWAY PAVEMENT	6"		—		7"	



**SECTION A-A**  
SHOULDER TREATMENT FOR RURAL ENTRANCES

**GENERAL NOTES**

- ENTRANCES SHALL SLOPE AWAY FROM THE PAVEMENT AT A RATE EQUAL TO THE SHOULDER SLOPE FOR A MINIMUM DISTANCE OF 8'.
- A MINIMUM 8' PAVED SHOULDER SHALL BE CONSTRUCTED BETWEEN LOCATIONS WHERE THE RURAL ENTRANCE IS LESS THAN 50' FROM AN ADJACENT SIDEROAD, ENTRANCE OR MAILBOX TURNOUT.
- A TAPER RATE OF 5:1 IS DESIRABLE WHEN TRANSITIONING FROM THE RURAL ENTRANCE WIDTH SHOWN IN TABLE 1, TO THE EXISTING ENTRANCE WIDTH.



**SECTION B-B**  
RECONSTRUCTED RURAL ENTRANCE  
(EXISTING ENTRANCE HIGHER THAN APRON)

**SECTION B-B**  
RECONSTRUCTED RURAL ENTRANCE  
(EXISTING ENTRANCE LOWER THAN APRON)

c:/projects/us136sum/us136culverts.dgn

\*DGN-ONLY\*

DATE	REVISIONS	BY
1-1-97	RENUM. C-103.06, NEW REVISION BOX	T.P.
7-1-97	REVISE DESIGNER NOTES	J.A.
1-17-03	ADJUST DESIGN, CHANGE ENTRANCE RADIUS FOR FLARE	J.A.T.R.
9-15-05	RADIUS FOR FLARE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

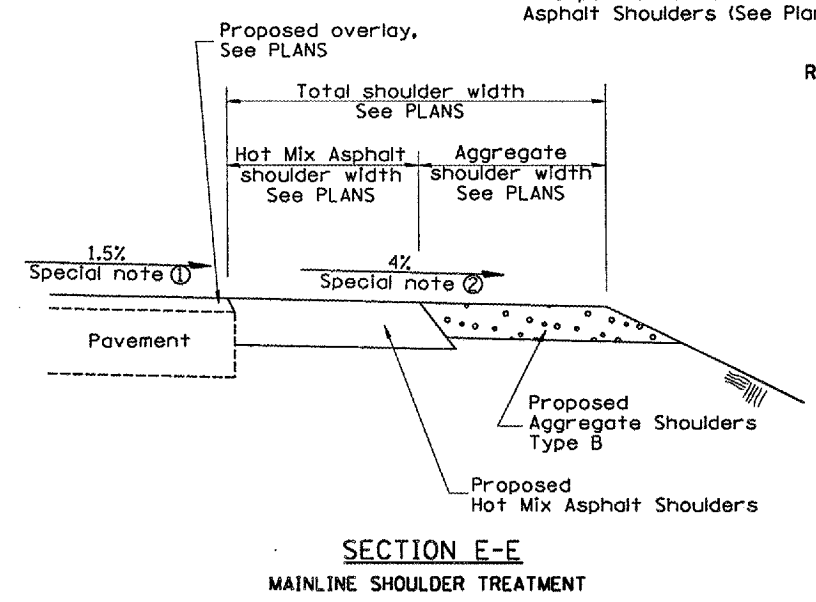
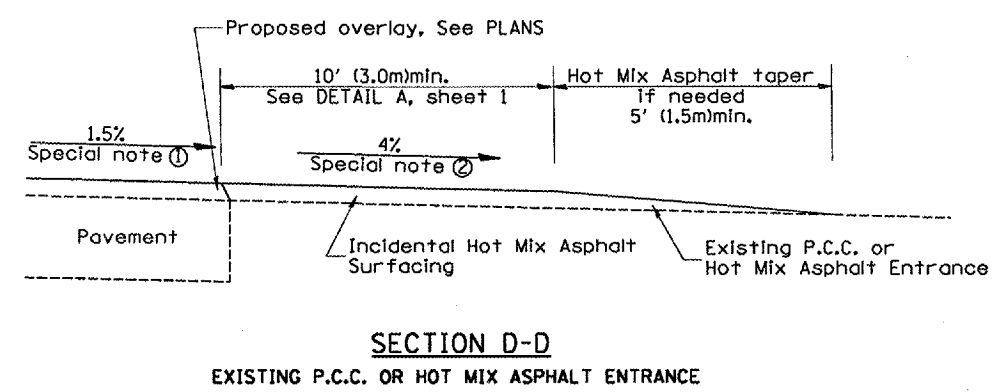
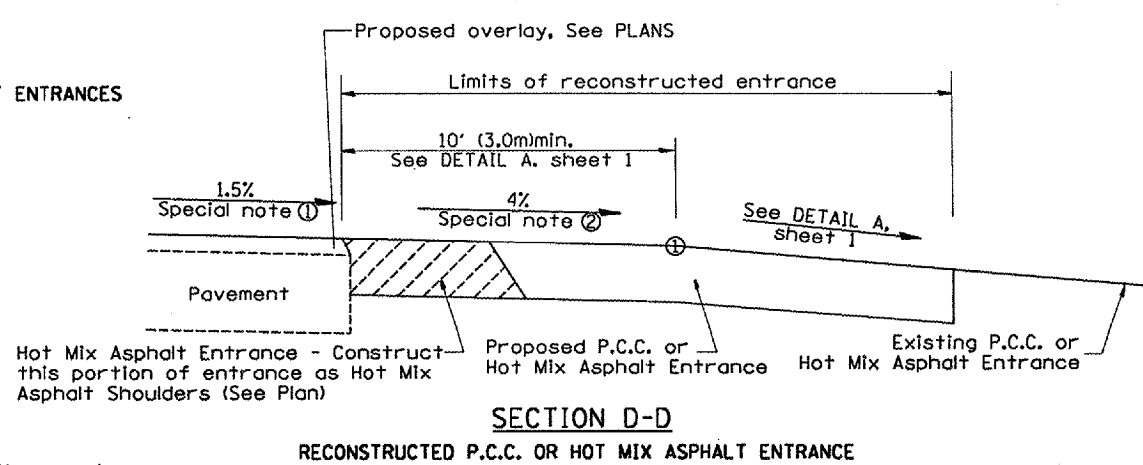
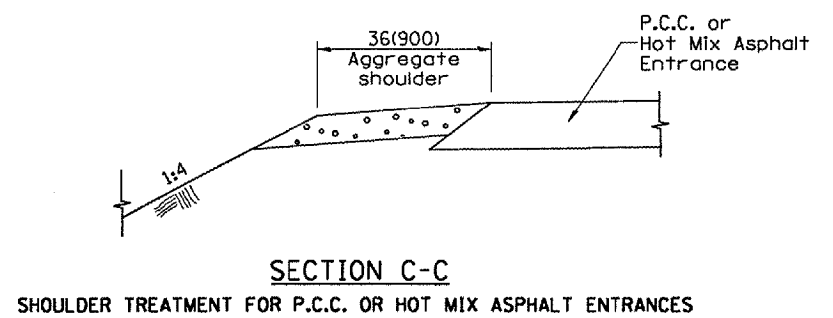
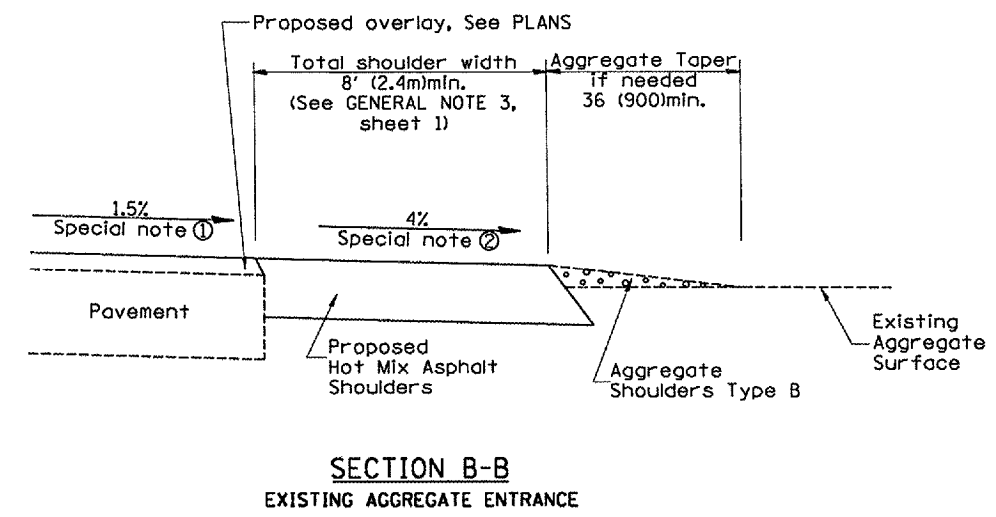
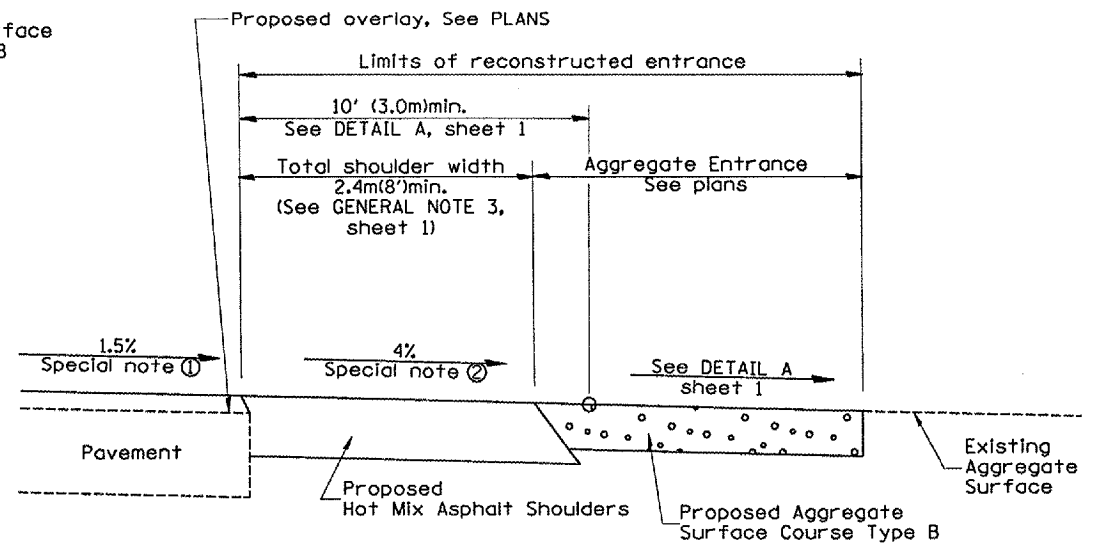
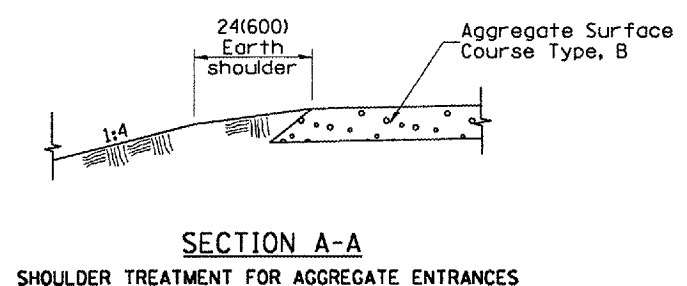
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**

**RURAL ENTRANCES FOR  
"3R" PROJECTS**

SHEET 1 OF 2

CADD STD NO. 406301-D4  
SCALE: NOT DRAWN TO SCALE  
DRAWN BY CADD  
CHECKED BY: T. PICKERING

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	116
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				



**SPECIAL NOTES**

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.
- ② The shoulder slope shall control the entrance profile for a distance of 10' (3.0m) minimum from the pavement edge. The shoulder cross-slope is 4% for tangent alignment. Through superelevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6' (1.8m) and wider and 12% for shoulders 4' (1.2m) and less. Where 12' (366cm) paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H). All dimensions are in inches (millimeters) unless otherwise noted.

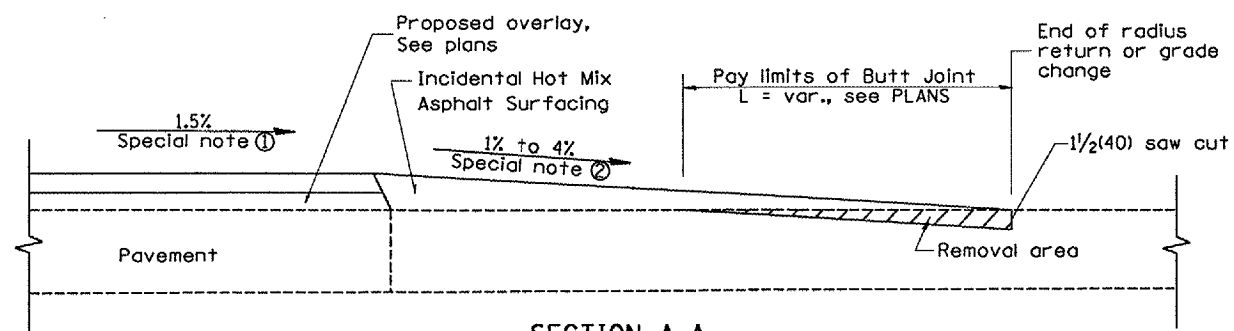
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**  
 RURAL ENTRANCES FOR  
 "3R" PROJECTS  
 SHEET 2 OF 2  
 CADD STD NO. 406301-D4  
 SCALE: NOT DRAWN TO SCALE  
 DRAWN BY CADD  
 CHECKED BY T. PICKERING

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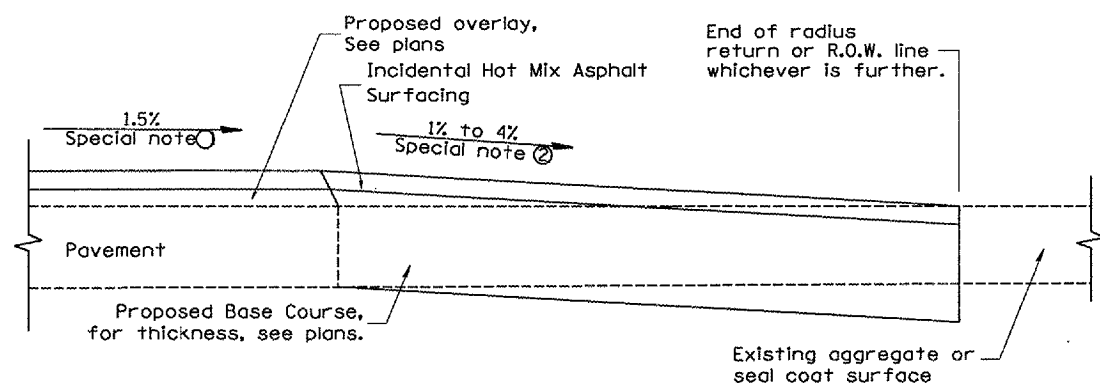


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	117
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

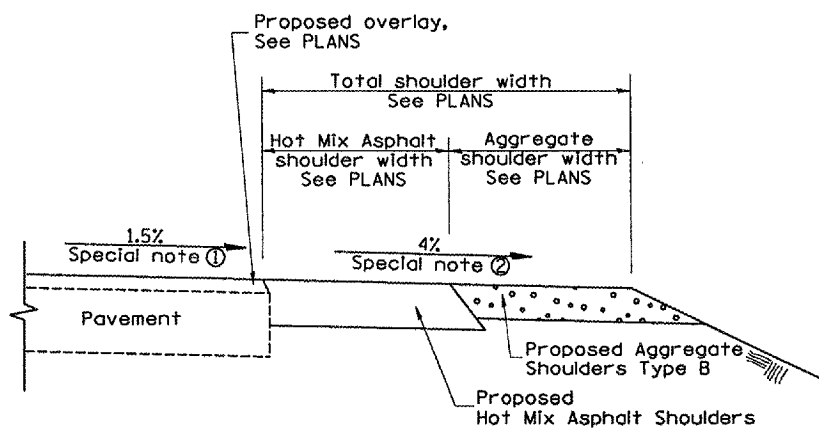
\*109W-1,RS-2;110W,RS-1



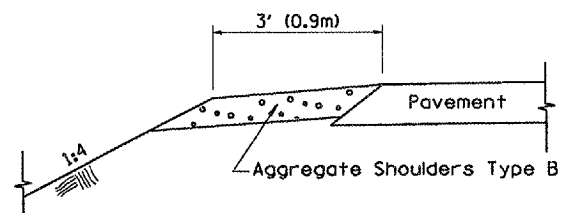
**SECTION A-A**  
EXISTING PCC OR HOT MIX ASPHALT SIDEROAD



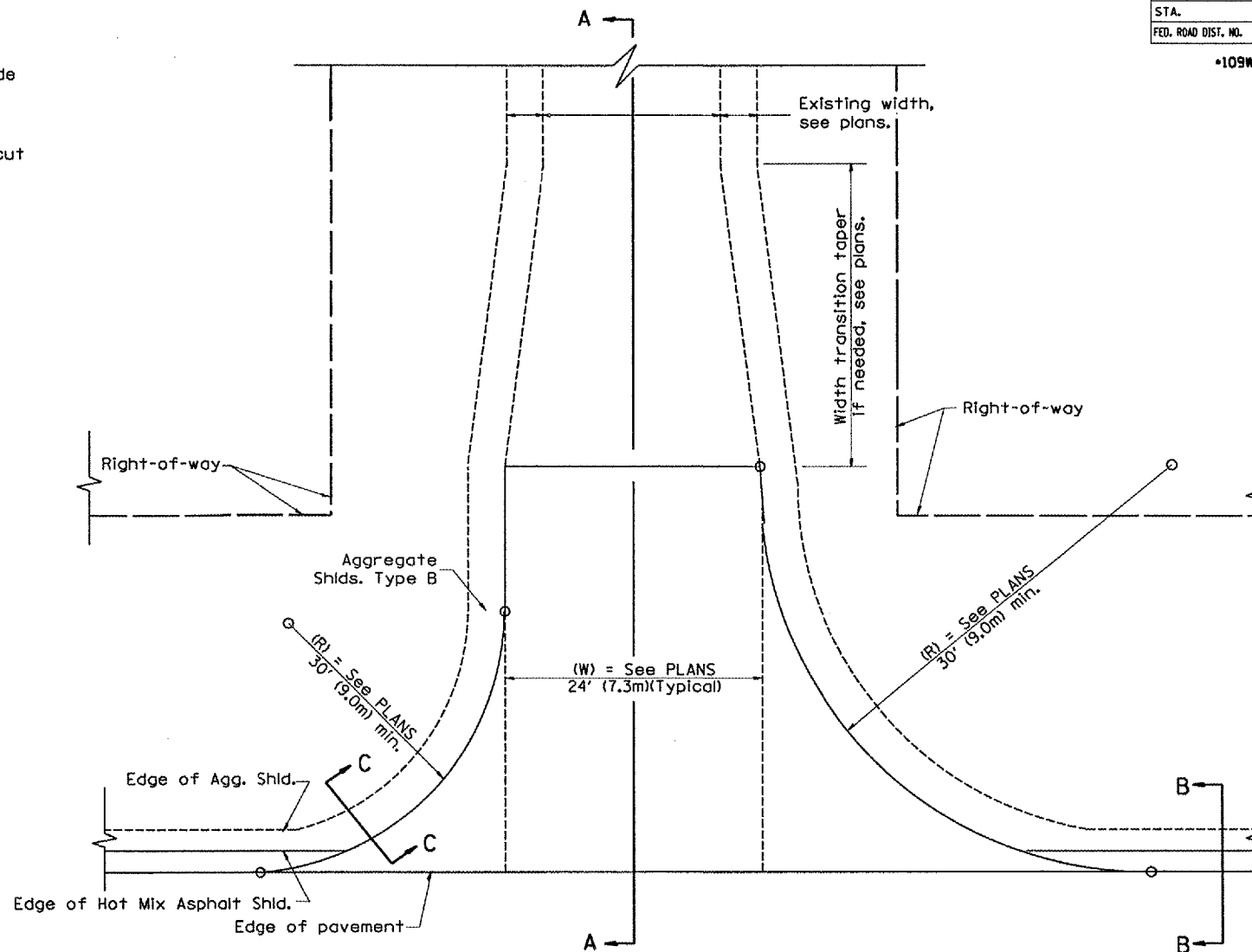
**SECTION A-A**  
EXISTING AGGREGATE OR SEAL COAT SIDEROAD



**SECTION B-B**  
MAINLINE SHOULDER TREATMENT



**SECTION C-C**  
SIDEROAD SHOULDER TREATMENT



**PLAN**

**SPECIAL NOTES**

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See Plans for cross-slope on super-elevated horizontal curves.
- ② The sideroad profile should drain away from the mainline at 1% to 4% for 50' (15.0m) to 100' (30.0m), or as a minimum to the end of the radius return. When the sideroad is on the high side of a mainline super-elevated curve, - 2% maximum should be provided in order to minimize breakover at the pavement edge. See plans for sideroad profiles.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**

**RURAL SIDEROADS FOR "3R" PROJECTS**

CADD STD NO. 406401-D4

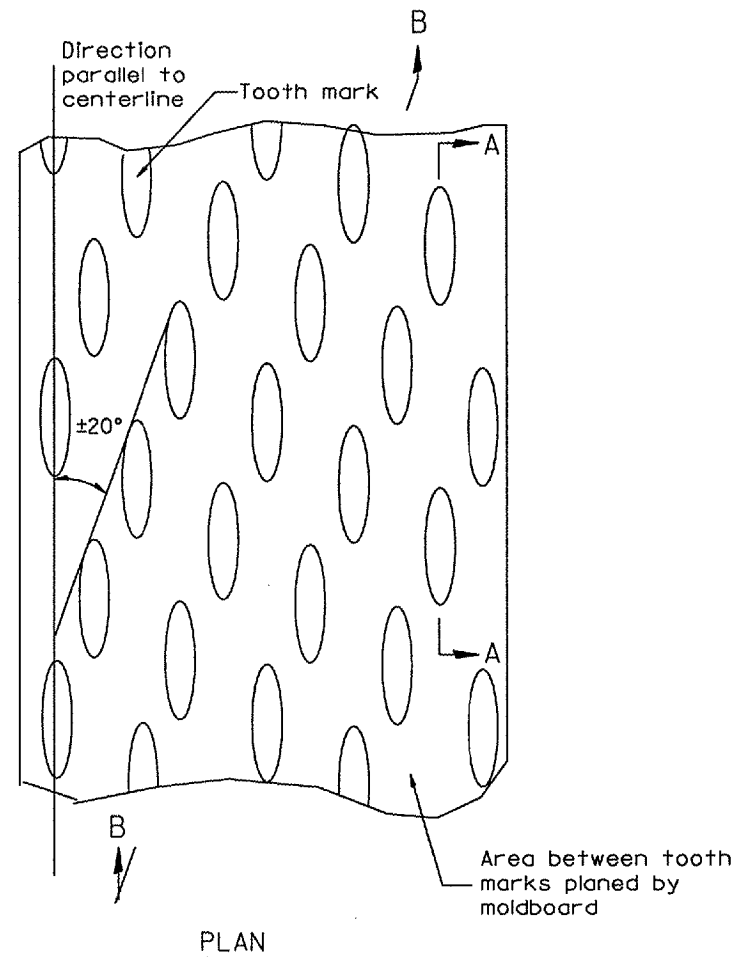
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CHECKED BY: T. PICKERING

DATE	REVISIONS	BY
1-1-97	RENUM. C-105.02, NEW REVISION BOX	T.P.
7-1-97	REVISE DESIGNER NOTES	J.A.
9-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

c:\projects\us136sum\us136culvert.ts.dgn

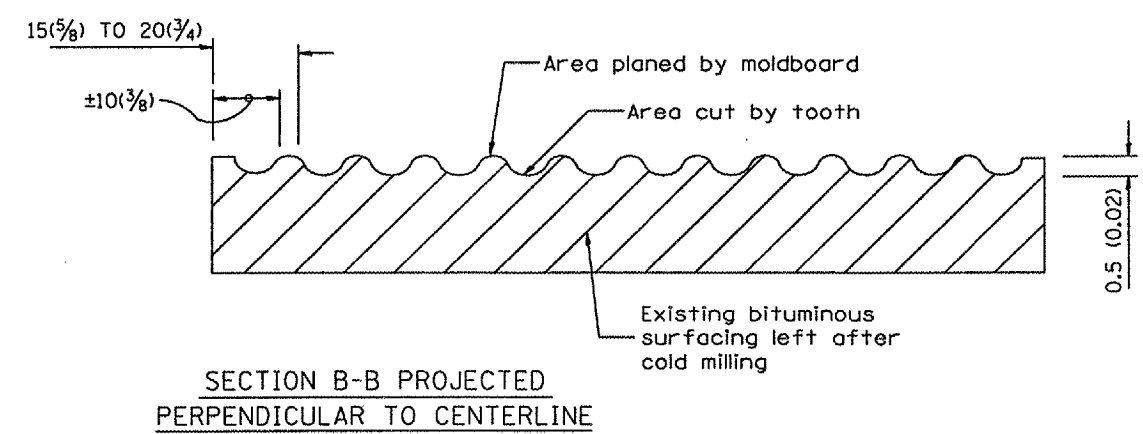
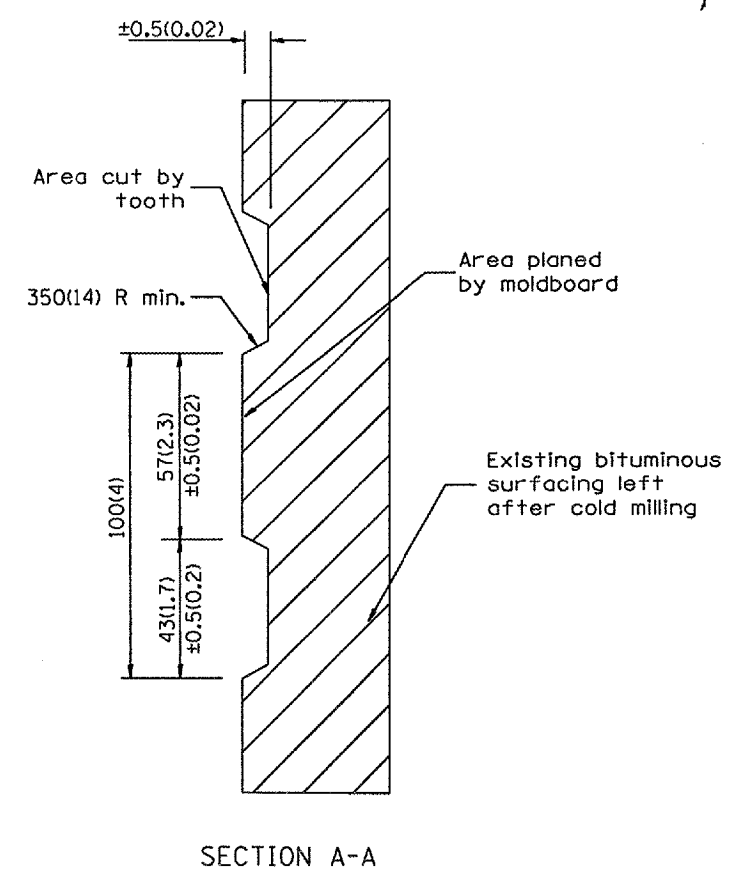
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	118
STA.		TO STA.		
FEB. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

\*109W-1,RS-2;110W,RS-1



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.



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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

BITUMINOUS SURFACE REMOVAL (COLD MILLING)

CADD STD NO. 440001-D4  
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DATE \*\*DATE\*\*  
DRAWN BY CADD  
CHECKED BY

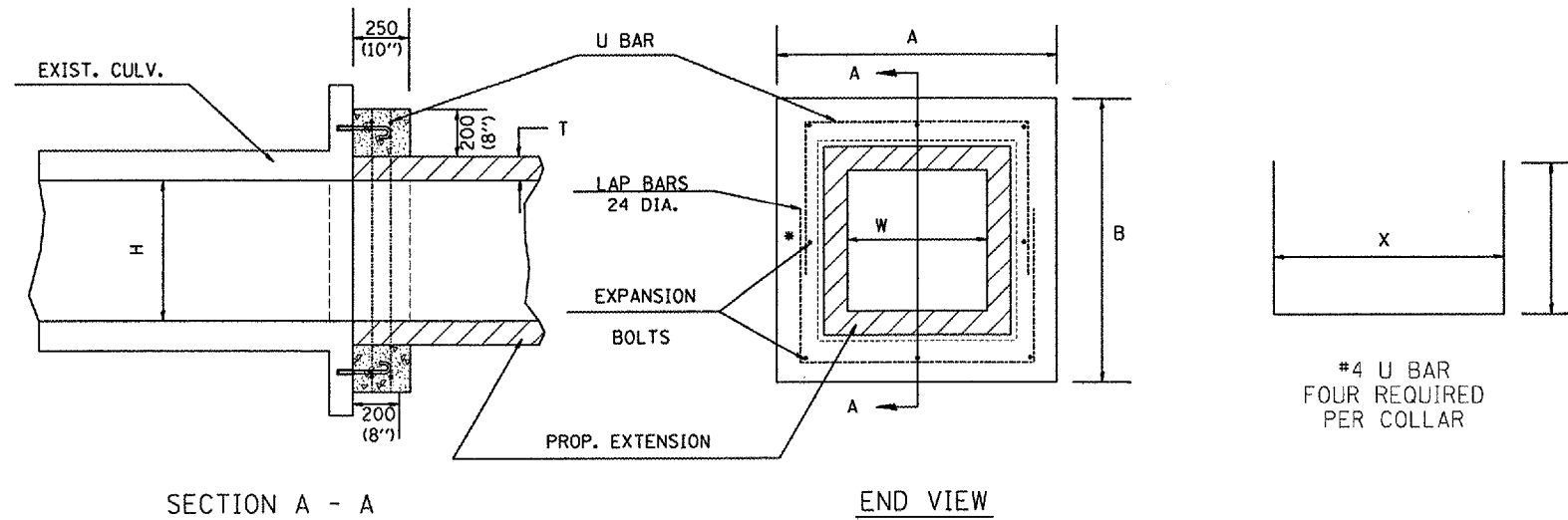
DATE	REVISIONS	BY
1-1-97	RENUM. C-104.01, NEW REVISION BOX	T. P.
4-20-98	REMOVED MILLING DETAIL FROM STD.	J.
9-08-98	CORRECT NOTE LEADER PLACEMENT	R. W.

cz:/projects/usi36sum/usi36culverts.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	119
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\*109W-1,RS-2;110W,RS-1

\* MINIMUM 1' LAP ON U BARS



GENERAL NOTES

1. The collar shall be constructed entirely of CLASS SI CONCRETE and in accordance with the applicable portions of section 503 of the Standard Specifications. REINFORCEMENT BARS, EPOXY COATED shall conform to section 508.
2. Expansion bolts shall consist of approved expansions anchors, and M20 (3/4'') hook bolts which conform to Section 1006.09. These bolts shall extend at least 200(8'') into the new concrete.

\* Dimensions for ASTM C789.

DIMENSIONS

EXISTING BOX		A	B	T *	EACH COLLAR				
W	H				CL SI	REINF. BARS, EPOXY COATED		EXPANSION BOLTS	
mm (ft)	mm (ft)				m <sup>3</sup> ( CU YD)	X	Y	kg (POUNDS)	NO.
600(2)	600(2)	1.22m (4'-0'')	1.22m (4'-0'')	100(4'')	0.21(0.27)	1.02m (3'-4'')	660(26'')	16(21)	8
900(3)	600(2)	1.52m (5'-0'')	1.22m (4'-0'')	100(4'')	0.24(0.32)	1.32m (4'-4'')	660(26'')	18(23)	8
900(3)	750(2.5)	1.52m (5'-0'')	1.37m (4'-6'')	100(4'')	0.26(0.34)	1.32m (4'-4'')	737(29'')	19(25)	8
900(3)	900(3)	1.52m (5'-0'')	1.52m (5'-0'')	100(4'')	0.28(0.36)	1.32m (4'-4'')	813(32'')	20(26)	8
900(3)	1200(4)	1.57m (5'-2'')	1.88m (6'-2'')	125(5'')	0.31(0.41)	1.37m (4'-6'')	991(39'')	22(29)	10
1200(4)	900(3)	1.88m (6'-2'')	1.57m (5'-2'')	125(5'')	0.31(0.41)	1.68m (5'-6'')	838(33'')	22(29)	10
1200(4)	1200(4)	1.88m (6'-2'')	1.88m (6'-2'')	125(5'')	0.34(0.45)	1.68m (5'-6'')	991(39'')	25(32)	12
1200(4)	1500(5)	1.93m (6'-4'')	2.24m (7'-4'')	150(6'')	0.39(0.51)	1.73m (5'-8'')	1.17m (3'-10'')	28(36)	14
1500(5)	1200(4)	2.24m (7'-4'')	1.93m (6'-4'')	150(6'')	0.39(0.51)	2.03m (6'-8'')	1.02m (3'-4'')	28(36)	14
1500(5)	1500(5)	2.24m (7'-4'')	2.24m (7'-4'')	150(6'')	0.42(0.55)	2.03m (6'-8'')	1.17m (3'-10'')	29(38)	16
1500(5)	1800(6)	2.29m (7'-6'')	2.59m (8'-6'')	175(7'')	0.46(0.60)	2.08m (6'-10'')	1.35m (4'-5'')	32(42)	16
1800(6)	1200(4)	2.59m (8'-6'')	1.98m (6'-6'')	175(7'')	0.43(0.56)	2.39m (7'-10'')	1.04m (3'-5'')	30(39)	14
1800(6)	1500(5)	2.59m (8'-6'')	2.29m (7'-6'')	175(7'')	0.46(0.60)	2.39m (7'-10'')	1.19m (3'-11'')	32(42)	16
1800(6)	1800(6)	2.59m (8'-6'')	2.59m (8'-6'')	175(7'')	0.49(0.64)	2.39m (7'-10'')	1.35m (4'-5'')	35(45)	16
1800(6)	2400(8)	2.64m (8'-8'')	3.25m (10'-8'')	200(8'')	0.57(0.74)	2.44m (8'-0'')	1.68m (5'-6'')	39(51)	18
2400(8)	2400(8)	3.25m (10'-8'')	3.25m (10'-8'')	200(8'')	0.63(0.82)	3.05m (10'-0'')	1.68m (5'-6'')	43(56)	20

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

COLLAR FOR  
BOX CULVERT  
EXTENSIONS

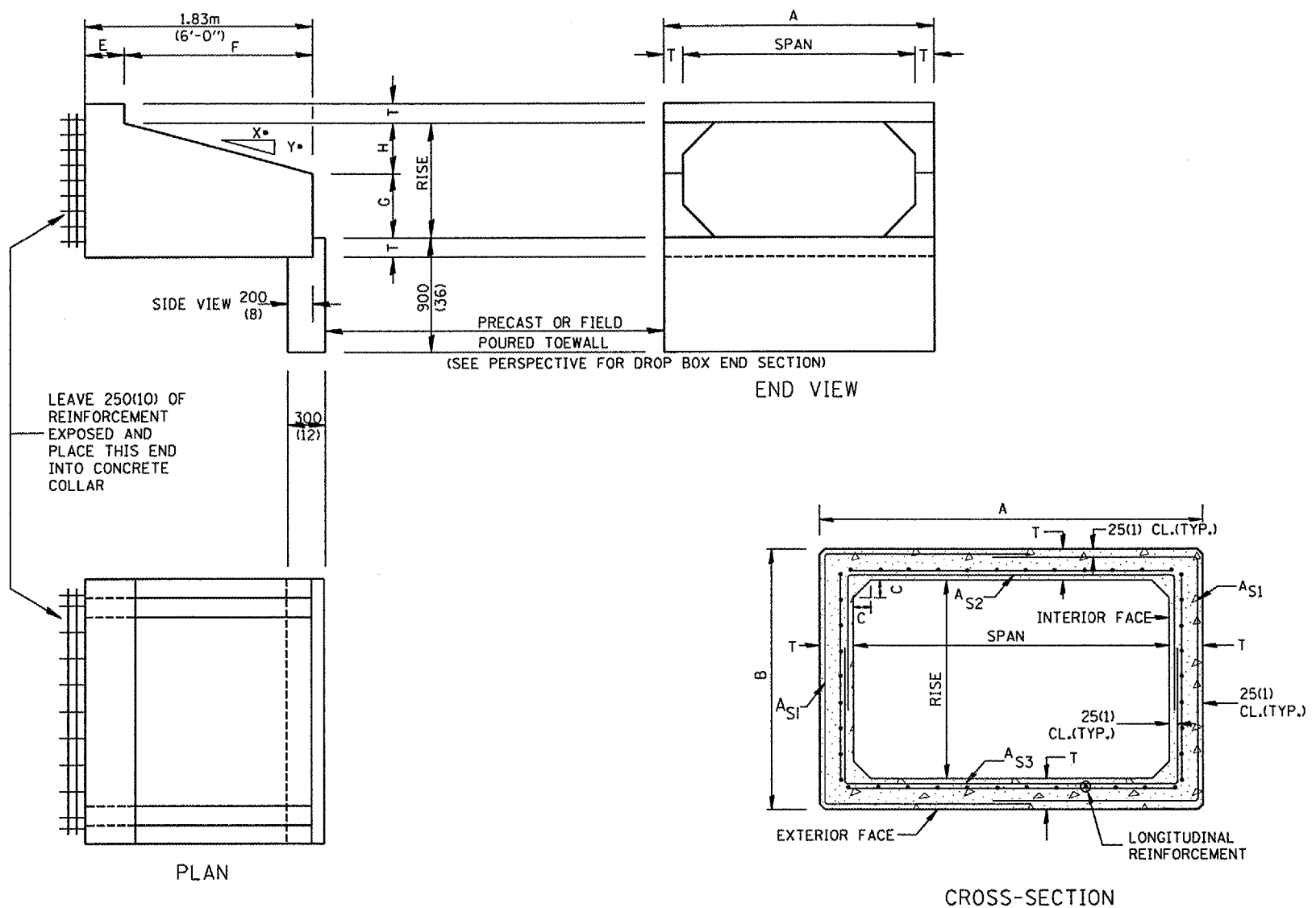
CADD STANDARD 540001-D4  
SCALE: NOT DRAWN TO SCALE

DRAWN BY CADD  
CHECKED BY

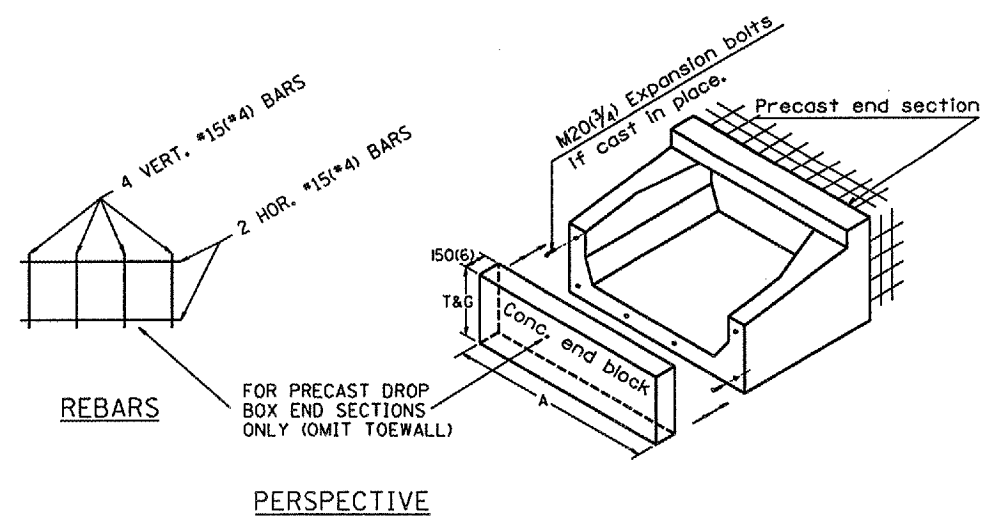
DATE	REVISIONS	BY
1-1-97	RENUM. J-12.01. METRICS, NEW REVISION BOX, REVISED TITLE BOX, ADDED QUANTITY CALCULATION BOX.	T.P.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	120
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

•109W-1,RS-2;110W,RS-1



- GENERAL NOTES:**
- The Box Culvert Sections shall conform to ASTM C789 for 0.6 m(2') cover or more. If less than 0.6 m(2') of cover exists, then ASTM C-850 applies and modify Table 'B' and drawing.
  - The Aggregate shall conform to the requirements of Articles 1003.02 and 1004.02 of the Standard Specifications. The gradation requirements do not apply.
  - The External Sealing Band shall conform to ASTM C 877. The appropriate portions of Articles 550.02(1) and 1057.01 of the Standard Specifications shall apply.
  - Shop plans for the Precast Reinforced Box Culvert Sections, End Sections and Drop Box End Sections shall be submitted in accordance with Article 504.04(a) of the Standard Specifications.
  - All dimensions shall be verified with the Supplier.



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

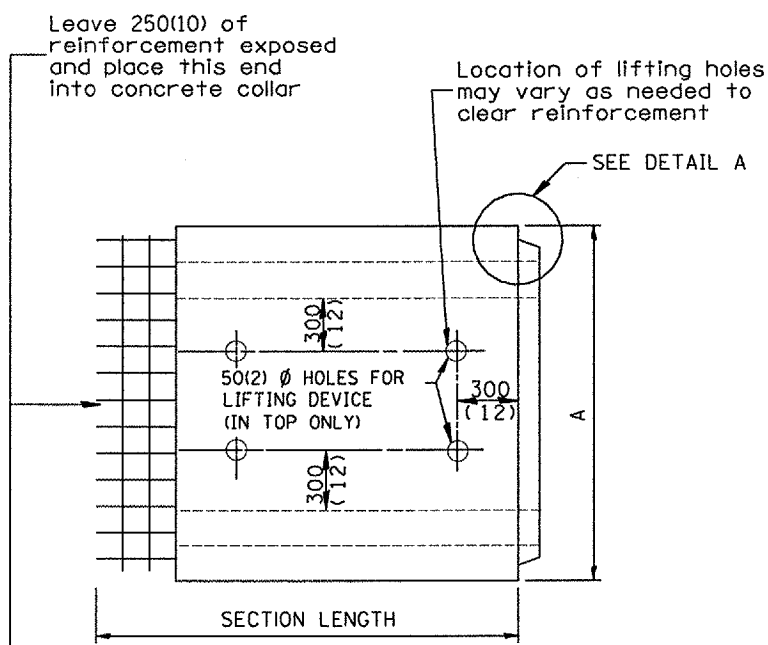
ILLINOIS DEPARTMENT OF TRANSPORTATION		
DISTRICT CADD STANDARD		
PRECAST CONCRETE BOX CULVERTS (SPECIAL), END SECTION (SPECIAL), & DROP BOX END SECTIONS (SPECIAL)		
DATE	REVISIONS	BY
1-1-97	RENUM. J-12.08 AND J-12.09, NEW FORMAT, T.P. METRICS, NEW REVISION BOX, NOTES.	J.A.
5-1-97	CORRECT TITLE & GEN. NOTES	J.A.
6-17-99	CORRECT DIMENSIONS	J.A.
CADD STANDARD 540401-D4(1)		DRAWN BY CADD
SCALE: NOT DRAWN TO SCALE		CHECKED BY
		SHEET 1 OF 2

cz:/projects/usi36sum/usi36culvert-ts.dgn

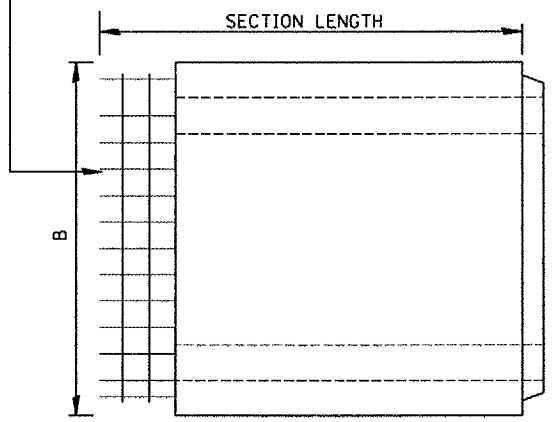
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	121
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

\*109W-1,RS-2;110W,RS-1

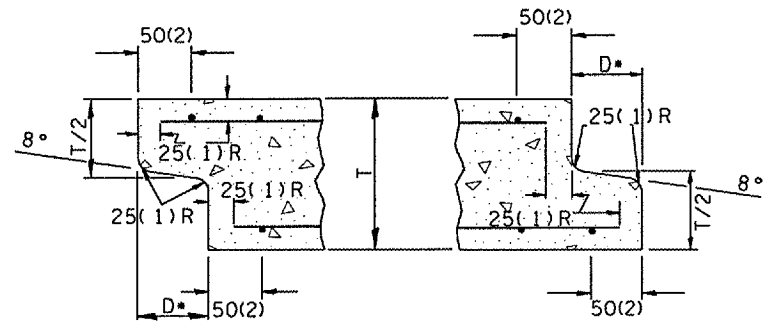
(DIMENSIONS APPLY TO END SECTION AND BOX SECTION DETAILS)



PLAN



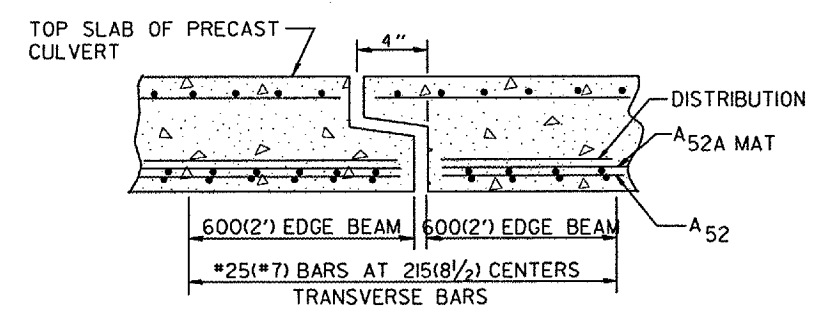
ELEVATION



DETAIL A  
(TYP. INLET END) (TYP. OUTLET END)

NOTE: Inlet and outlet ends shall be compatible.

\*The D dimension shall conform to the manufacturer's standards.



TYP. JOINT SHOWING EDGE BEAM REINFORCEMENT

NOTE: The additional Reinforcing Steel required for edge beams shall have the same length as As2A. The required area, As10, may be combined with As2 in a single layer or placed in a separate layer as shown above. The additional Steel may be Welded Wire Fabric or grade 60 Deformed Bars.

(See GENERAL NOTES on sheet 1 of 2)

SPAN X RISE mm (ft)	T mm (in)	A	B	C	E	F	G	H	SLOPE (Y : X)
600x600 (2x2)	100(4)	815(32)	815(32)	100(4)	915(36)	915(36)	305(12)	305(12)	1 : 3
600x900 (2x3)	100(4)	815(32)	1.12m (3'-8")	100(4)	610 (24)	1.22m (4'-0")	510(20)	410(16)	1 : 3
900x600 (3x2)	100(4)	1.12m (3'-8")	815(32)	100(4)	915(36)	915(36)	305(12)	305(12)	1 : 3
900x750 (3x2.5)	100(4)	1.12m (3'-8")	965(38)	100(4)	760(30)	1.07m (3'-6")	410(16)	355(14)	1 : 3
900x900 (3x3)	100(4)	1.12m (3'-8")	1.12m (3'-8")	100(4)	610(24)	1.22m (4'-0")	510(20)	410(16)	1 : 3
1200x600 (4x2)	125(5)	1.48m (4'-10")	865(34)	125(5)	915(36)	915(36)	305(12)	305(12)	1 : 3
1200x900 (4x3)	125(5)	1.48m (4'-10")	1.17m (3'-10")	125(5)	610(24)	1.22m (4'-0")	510(20)	410(16)	1 : 3
1200x1200 (4x4)	125(5)	1.48m (4'-10")	1.48m (4'-10")	125(5)	610(24)	1.22m (4'-0")	610(24)	610(24)	1 : 2
1200x1500 (4x5)	125(5)	1.48m (4'-10")	1.78m (5'-10")	125(5)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
1200x1800 (4x6)	125(5)	1.48m (4'-10")	2.09m (6'-10")	125(5)	610(24)	1.22m (4'-0")	1.22m (4'-0")	610(24)	1 : 2
1500x600 (5x2)	150(6)	1.83m (6'-0")	915(36)	150(6)	915(36)	915(36)	305(12)	305(12)	1 : 3
1500x900 (5x3)	150(6)	1.83m (6'-0")	1.22m (4'-0")	150(6)	610(24)	1.22m (4'-0")	510(20)	410(16)	1 : 3
1500x1200 (5x4)	150(6)	1.83m (6'-0")	1.52m (5'-0")	150(6)	610(24)	1.22m (4'-0")	610(24)	610(24)	1 : 2
1500x1500 (5x5)	150(6)	1.83m (6'-0")	1.83m (6'-0")	150(6)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
1800x600 (6x2)	175(7)	2.17m (7'-2")	965(38)	175(7)	915(36)	915(36)	305(12)	305(12)	1 : 3
1800x900 (6x3)	175(7)	2.17m (7'-2")	1.27m (4'-2")	175(7)	610(24)	1.22m (4'-0")	510(20)	410(16)	1 : 3
1800x1200 (6x4)	175(7)	2.17m (7'-2")	1.57 (5'-2")	175(7)	610(24)	1.22m (4'-0")	610(24)	610(24)	1 : 2
1800x1500 (6x5)	175(7)	2.17m (7'-2")	1.88m (6'-2")	175(7)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
1800x1800 (6x6)	175(7)	2.17m (7'-2")	2.17m (7'-2")	175(7)	610(24)	1.22m (4'-0")	1.22m (4'-0")	610(24)	1 : 2
2100x1200 (7x4)	200(8)	2.54m (8'-4")	1.63m (5'-4")	200(8)	610(24)	1.22m (4'-0")	610(24)	610(24)	1 : 2
2100x1500 (7x5)	200(8)	2.54m (8'-4")	1.93m (6'-4")	200(8)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
2100x1800 (7x6)	200(8)	2.54m (8'-4")	2.24m (7'-4")	200(8)	610(24)	1.22m (4'-0")	1.22m (4'-0")	610(24)	1 : 2
2100x2100 (7x7)	200(8)	2.54m (8'-4")	2.54m (8'-4")	200(8)	610(24)	1.22m (4'-0")	1.52m (5'-0")	610(24)	1 : 2
2400x1200 (8x4)	200(8)	2.84m (9'-4")	1.63m (5'-4")	200(8)	610(24)	1.22m (4'-0")	610(24)	610(24)	1 : 2
2400x1500 (8x5)	200(8)	2.84m (9'-4")	1.93m (6'-4")	200(8)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
2400x1800 (8x6)	200(8)	2.84m (9'-4")	2.24m (7'-4")	200(8)	610(24)	1.22m (4'-0")	1.22m (4'-0")	610(24)	1 : 2
2700x1500 (9x5)	225(9)	3.2m (10'-6")	1.98m (6'-6")	225(9)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
2700x1800 (9x6)	225(9)	3.2m (10'-6")	2.29m (7'-6")	225(9)	610(24)	1.22m (4'-0")	1.22m (4'-0")	610(24)	1 : 2

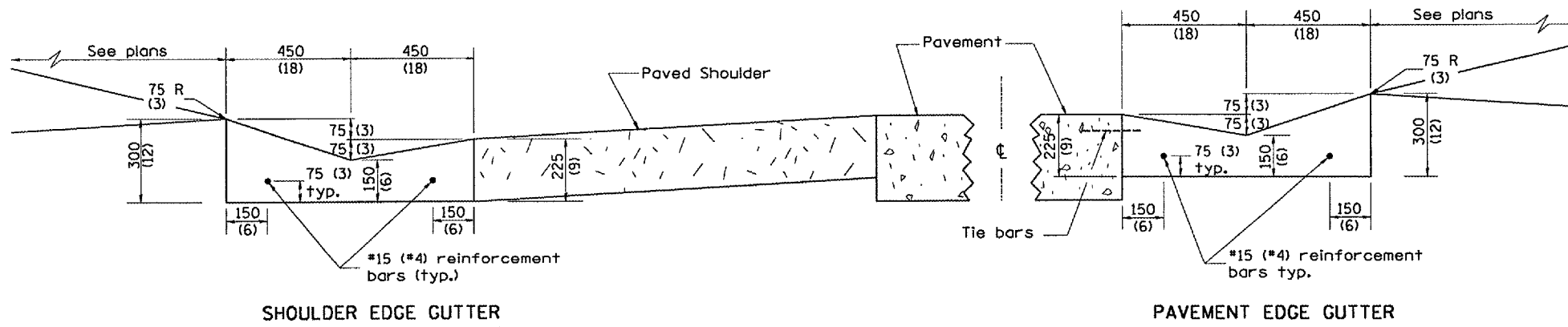
All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**  
 PRECAST CONCRETE BOX CULVERTS (SPECIAL), END SECTION (SPECIAL), & DROP BOX END SECTIONS (SPECIAL)  
 CADD STANDARD 540401-D4(2)  
 SCALE: NOT TO SCALE  
 DRAWN BY CADD  
 CHECKED BY  
 SHEET 2 OF 2

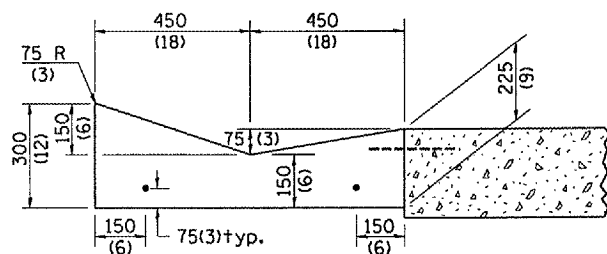
ct/projects/us136sum/us136culvert-ts.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	122
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

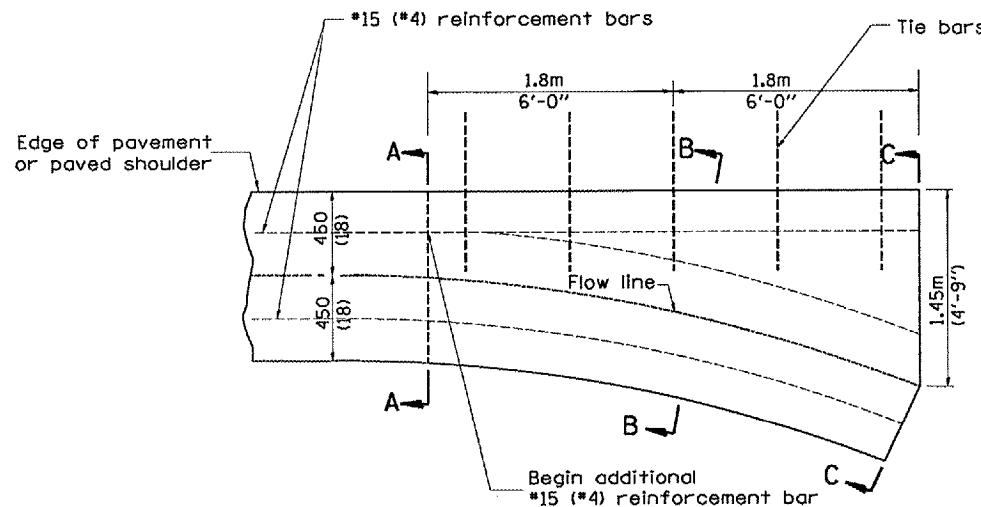
\*109W-1,RS-2;110W,RS-1



**TYPE A GUTTER (MODIFIED)**



SECTION A-A

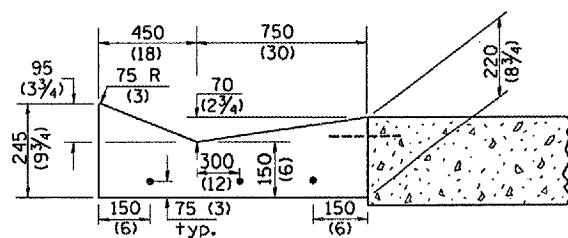


PLAN

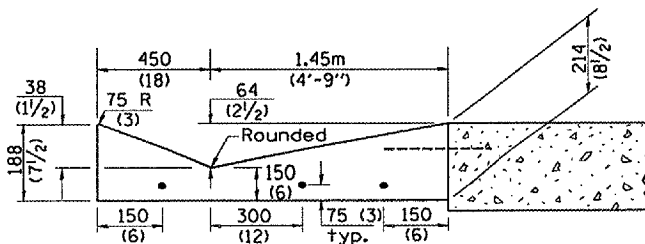
**QUANTITY**  
Section C-C to A-A= 0.92 m<sup>3</sup>  
(1.2 cu. yd.) concrete.

**GENERAL NOTES:**

1. TYPE A GUTTER (MODIFIED) shall conform to the applicable portions of Section 606.
2. Tie bars shall be No. 20 (No. 6) at 600mm (24") centers unless otherwise shown.
3. Gutter, gutter inlets, gutter outlets, and gutter entrances shall be tied to rigid pavement in accordance with details shown on Standard 420001.
4. Joints shall be constructed in accordance with Article 606.06.
5. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 2.83 kg/m<sup>2</sup> (58 lbs/100 sq.ft.).



SECTION B-B



SECTION C-C

**INLET**

QUANTITIES	
CALC. BY:	DATE:
CHECKED BY:	DATE:
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION	

\*DGN-ONLY\*

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

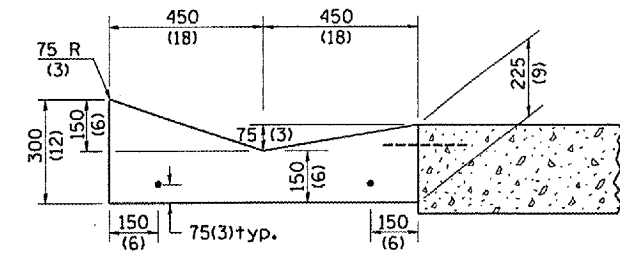
TYPE A GUTTER, (MODIFIED)  
(INLET, OUTLET & ENTRANCE)

CADD STANDARD 606101-D4 SHEET 1 OF 3  
SCALE: NOT DRAWN TO SCALE  
DRAWN BY CADD  
CHECKED BY

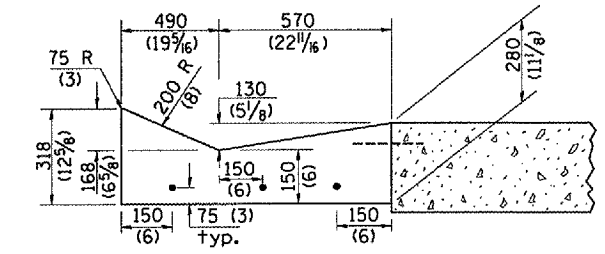
DATE	REVISIONS	BY
1-1-97	RENUM. A-1.02, NEW REVISION	T.P.
	BOX. ELIMINATED EXPANSION	
	ANCHOR TIES	
2-28-02	ENTRANCE TYPICALS REVISED	M.A.
1-10-07	REVISED QUANTITY	M.A.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	123
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

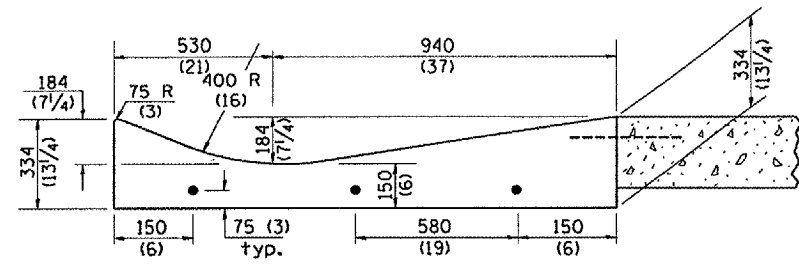
\*109W-1,RS-2110W,RS-1



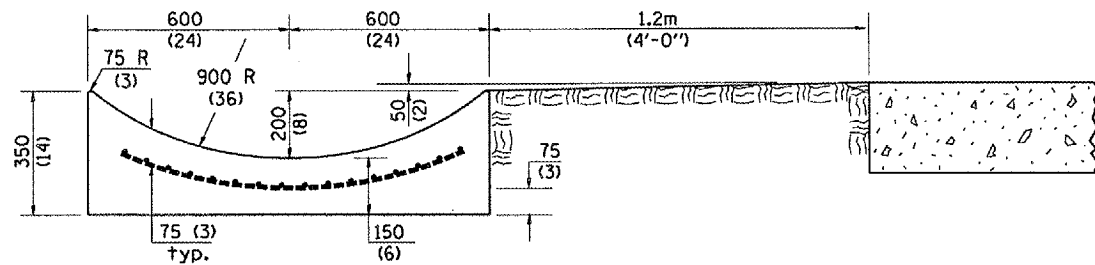
SECTION A-A



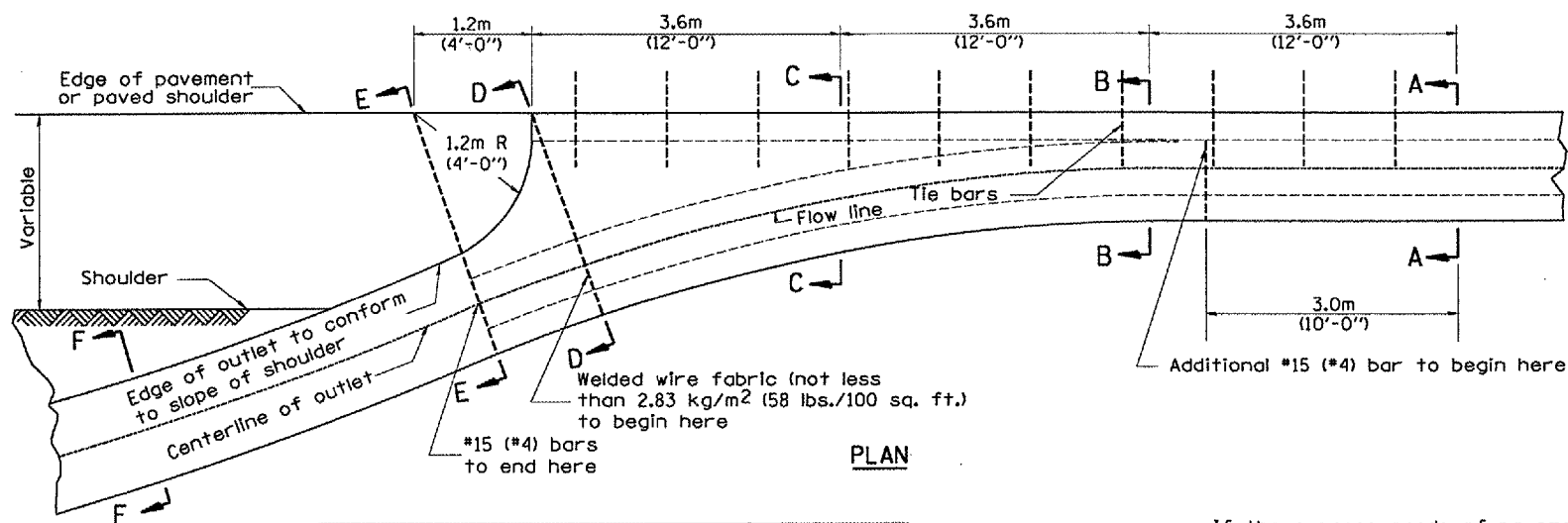
SECTION B-B



SECTION C-C



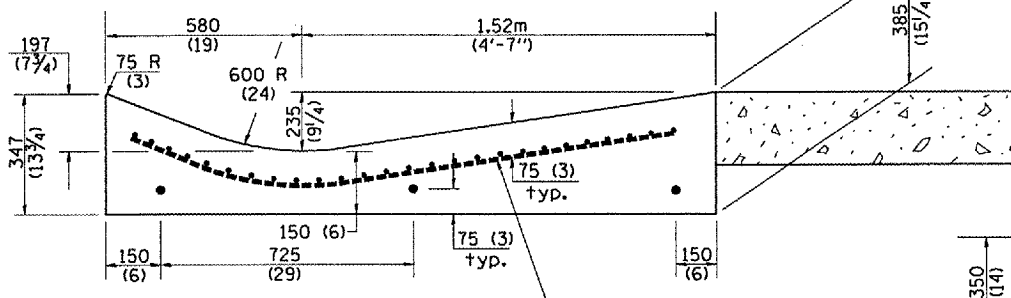
SECTION E-E



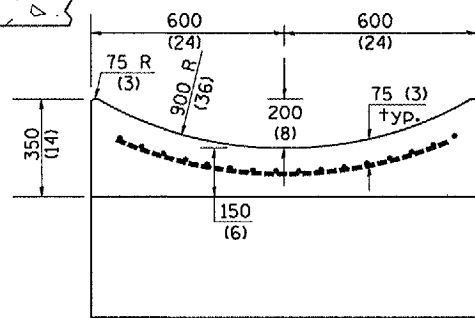
PLAN

**QUANTITY**  
 Section A-A to E-E= 3.36 m<sup>3</sup> ( 4.5 cu. yd.) concrete.  
 Section F-F= 0.26 m<sup>3</sup>/m ( 0.10 cu. yd./ft.) concrete.

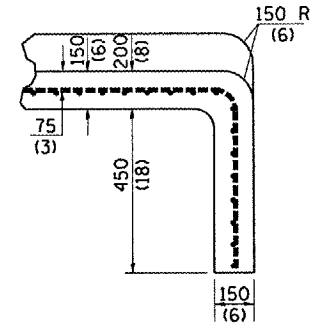
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 1.8 m (6 ft.) for each 1% increase in grade. A quantity adjustment is required.



SECTION D-D



SECTION F-F



SECTIONS AT END OF OUTLET (CURTAIN WALL)

**QUANTITY**  
 Curtain Wall = 0.08 m<sup>3</sup>  
 ( 0.1 cu. yd. ) concrete.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
TYPE A GUTTER, (MODIFIED)	
(INLET, OUTLET & ENTRANCE)	
CADD STANDARD 606101-D4	SHEET 2 OF 3
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
	CHECKED BY

QUANTITIES	
CALC. BY:	DATE:
CHECKED BY:	DATE:
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION	

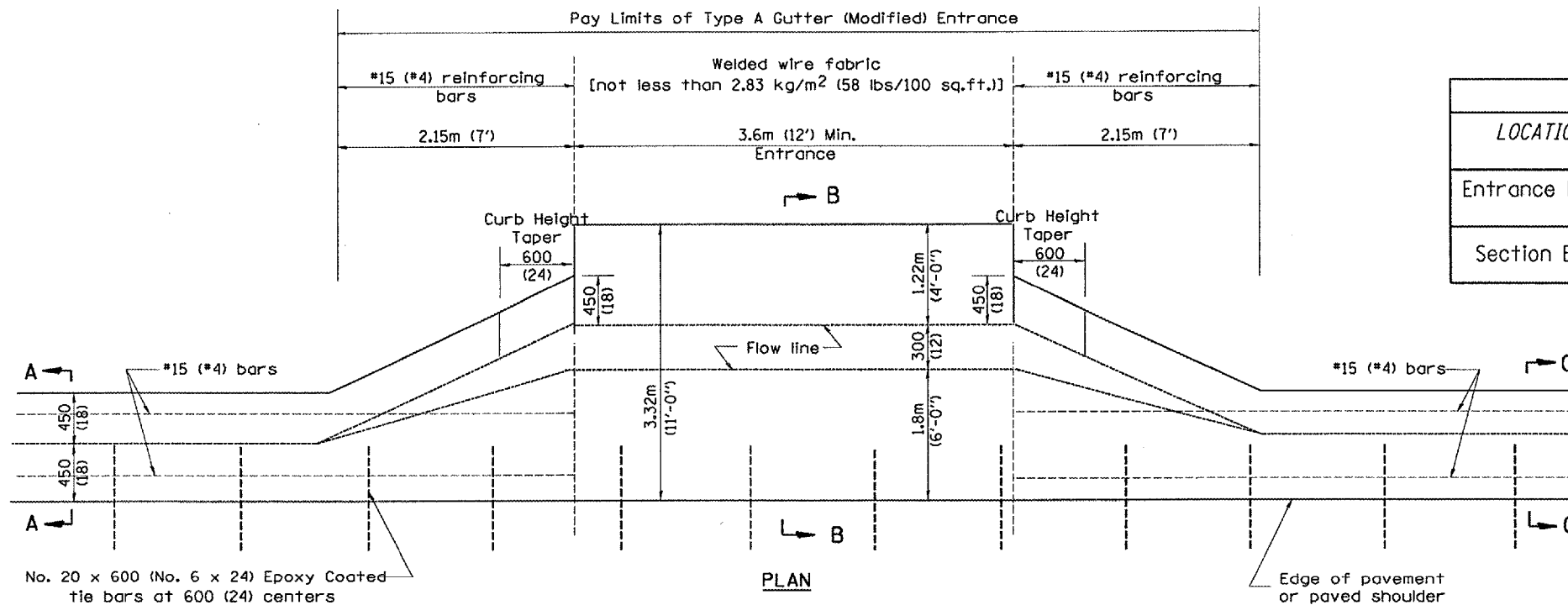
\*BGB:BNL Y\*

OUTLET

cs:/projects/us136sum/us136culver ts.dgn

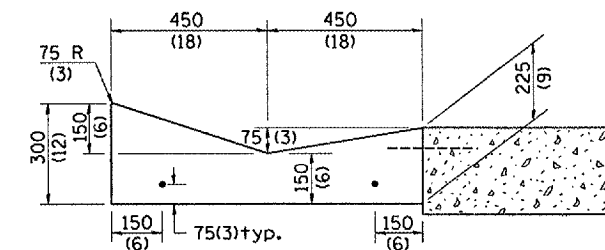
F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	FULTON	329	24
STA.	TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT			

\*109W-1,RS-2:110W,RS-1

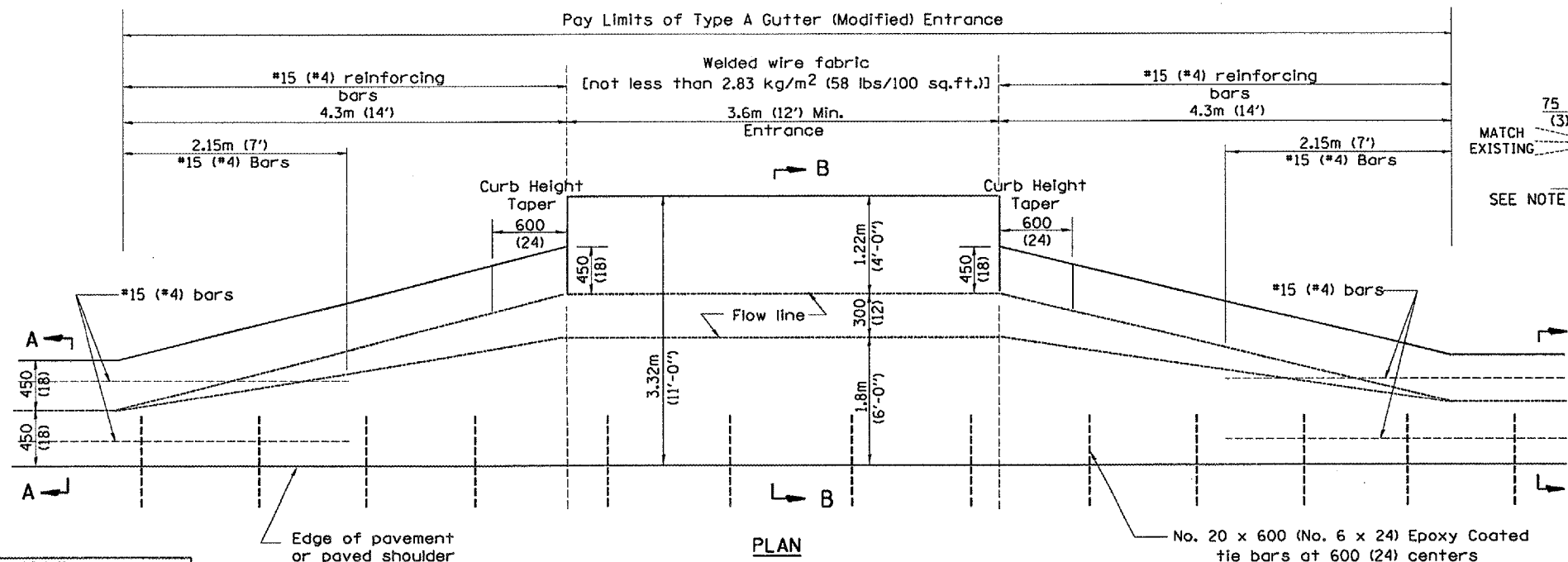


TYPICAL URBAN ENTRANCE

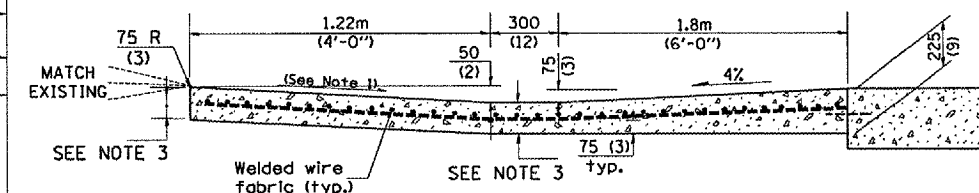
QUANTITY CALCULATION			
LOCATION	LENGTH	NON-COMMERCIAL	COMMERCIAL ENTRANCE
		150 (6)	200 (8)
Entrance Flare	2.15 m (7 Ft) Urban 4.30 m (14 Ft) Rural	0.37 Cu M / M (0.15 Cu Yd / Ft)	0.45 Cu M / M (0.18 Cu Yd / Ft)
Section B-B	See Plans	0.57 Cu M / M (0.23 Cu Yd / Ft)	0.70 Cu M / M (0.28 Cu Yd / Ft)



SECTION A-A & C-C



TYPICAL RURAL ENTRANCE



SECTION B-B

GENERAL NOTES

- 1.) Slope may be increased from 4% (min.) to 6% (max.) in order to match the existing.
- 2.) The cross-slope is to be constructed as given in the plans from back turnout to where driveway matches existing.
- 3.) For Non-Commercial Entrances the driveway thickness shall be 150 (6). For Commercial Entrances the driveway thickness shall be 200 (8).

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

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
TYPE A GUTTER, (MODIFIED)	
(INLET, OUTLET & ENTRANCE)	
CADD STANDARD 606101-D4	SHEET 3 OF 3
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
	CHECKED BY

QUANTITIES	
CALC. BY:	DATE:
CHECKED BY:	DATE:

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

\*DGN-ONLY\*

ci/projects/us136sum/us136culverts.dgn

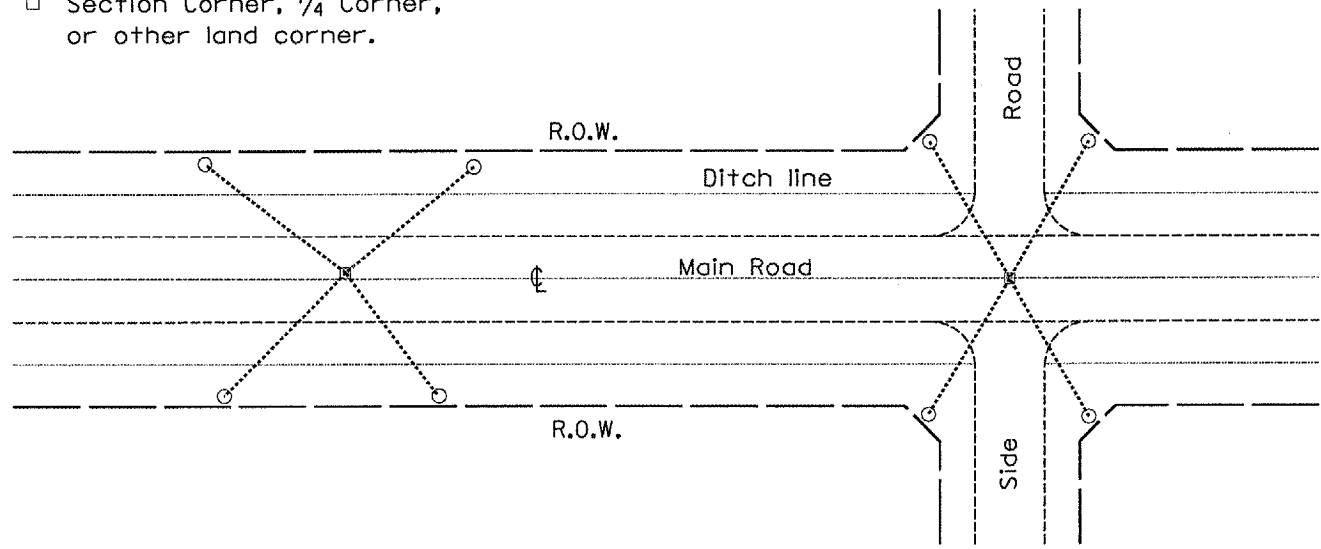


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	125
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

•109W-1,RS-2;110W,RS-1

**PERMANENT SURVEY TIES**

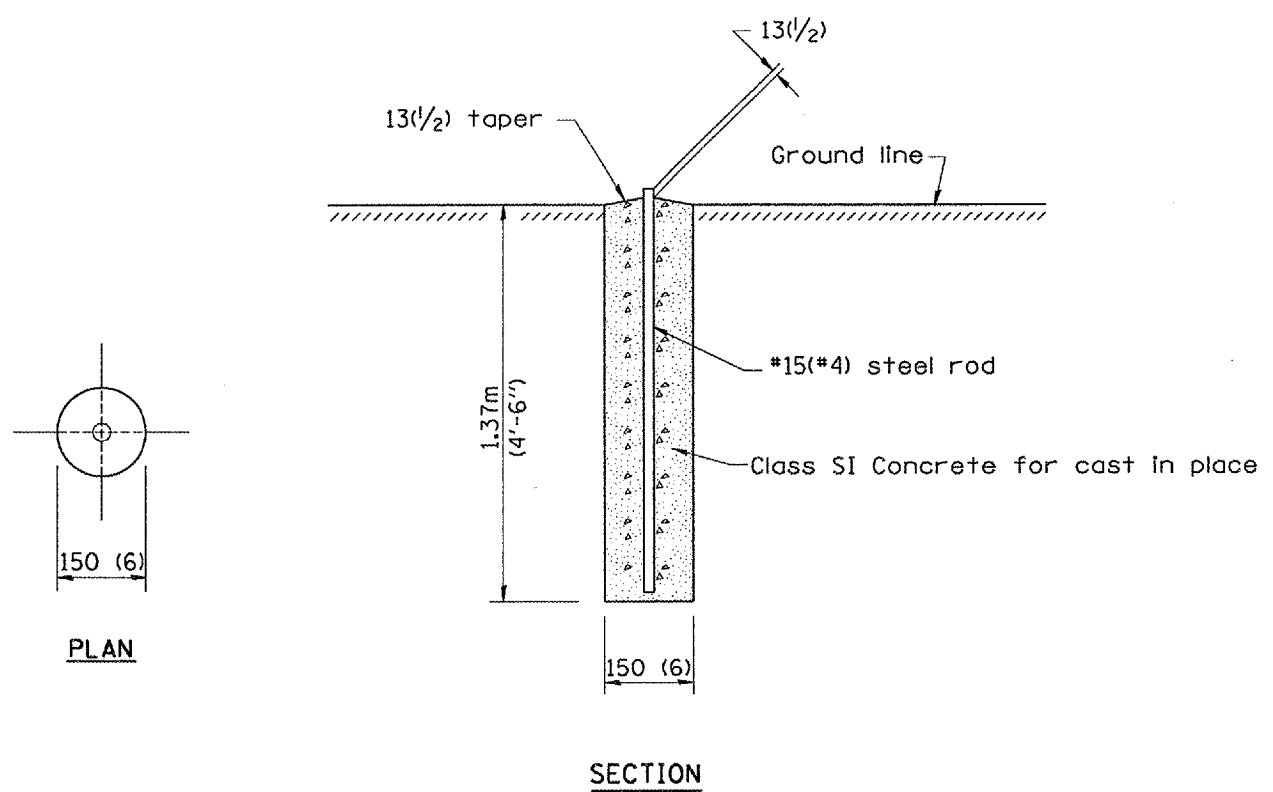
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



**TYPICAL APPLICATION**

**GENERAL NOTES**

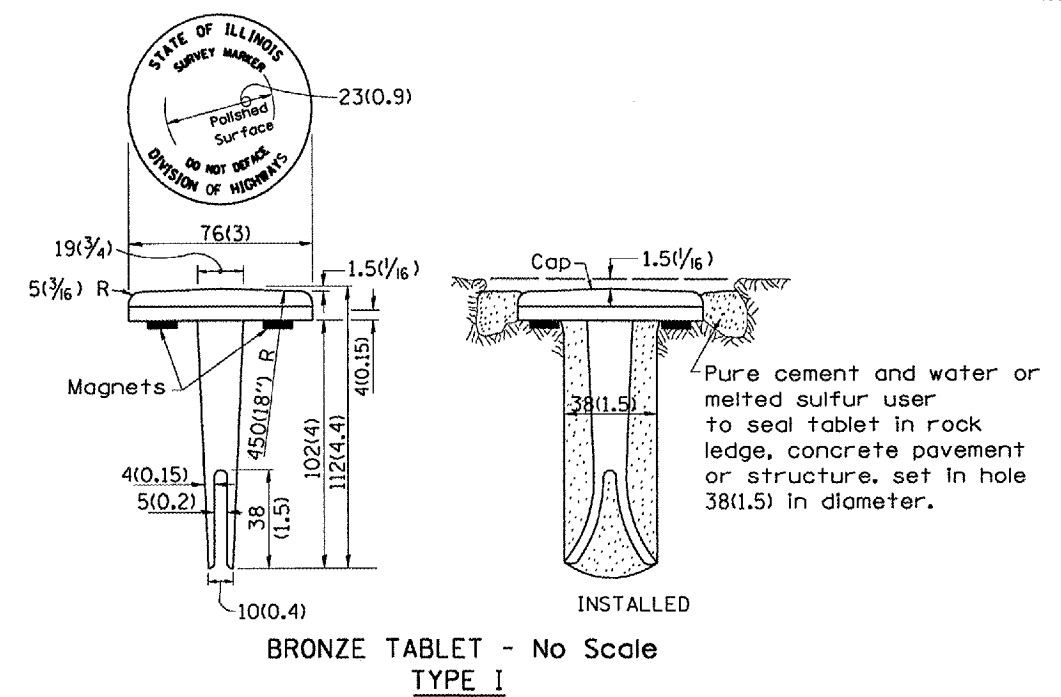
- The marker shall be cast in place of Class SI Concrete.
- Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
- The tie distances to the section corner shall be measured and recorded by the IDOT Chief of Surveys.



**PLAN**

**SECTION**

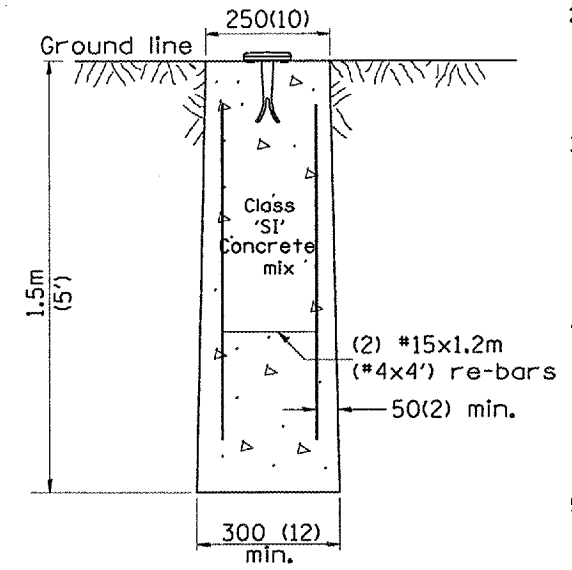
**PERMANENT SURVEY MARKERS**



**BRONZE TABLET - No Scale TYPE I**

**GENERAL NOTES**

- All type II markers shall be cast in place, and precast markers will not be allowed.
- Two permanent magnets, each having a diameter of 19 (3/4) and a thickness of 6 (1/4), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
- The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s and P.C.'s of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 300m(1000').
- The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
- The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.



**MARKER CAST IN PLACE TYPE II**

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

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
PERMANENT SURVEY TIE & PERMANENT SURVEY MARKERS TY.I - TY.II	
CADD STD. NO. 667101-D4	DRAWN BY CADD
SCALE: NOT DRAWN TO SCALE	CHECKED BY

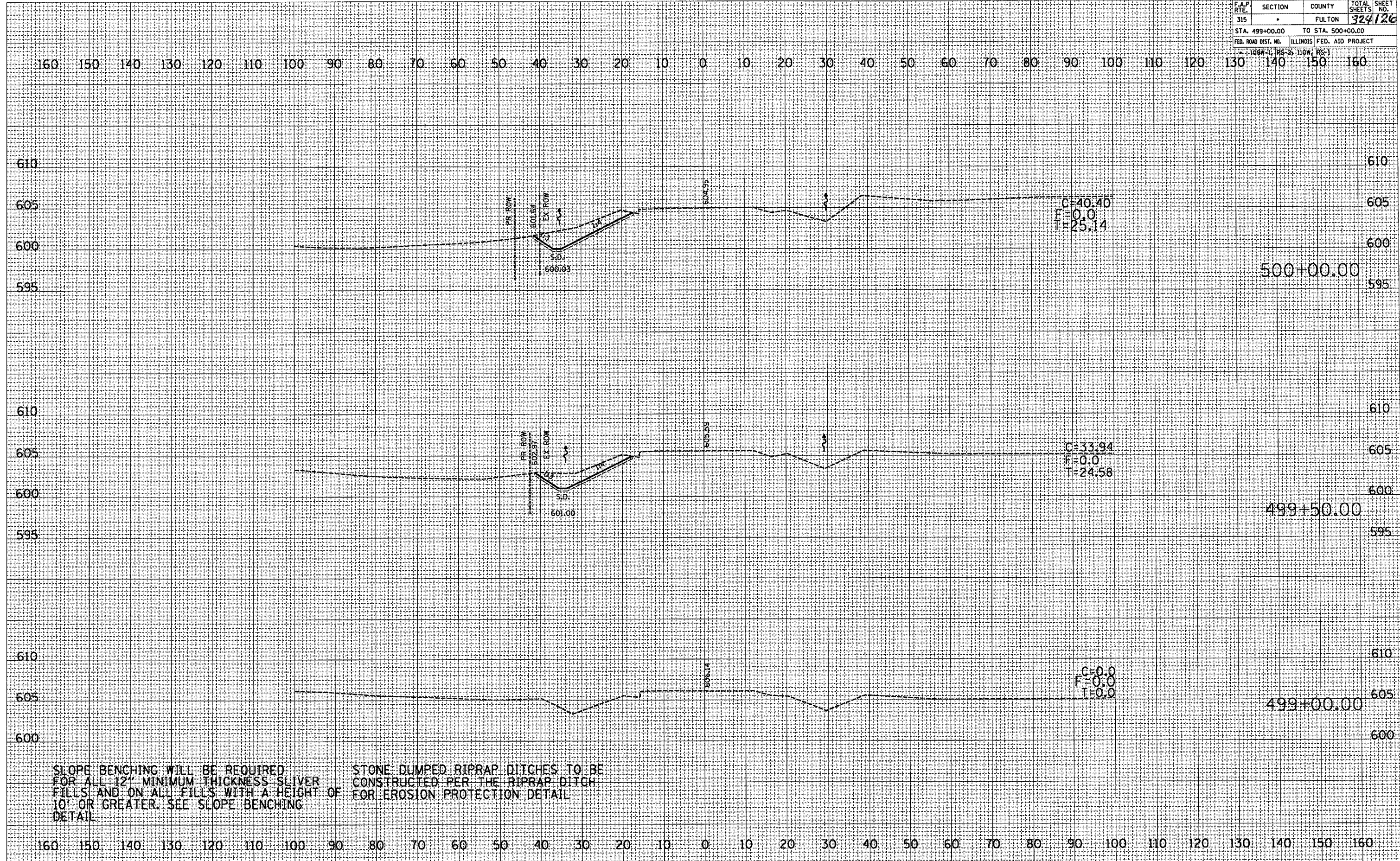
DATE	REVISIONS	BY
1-1-97	RENUM. D-3.01. NEW REVISION BOX	T.P.
7-7-98	ADD DESIGNER NOTE, REVISED TITLE BOX	J.A.
5-24-06	REMOVED GEN. NOTE UNDER TIES	M.A.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	126
STA. 499+00.00		TO STA. 500+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
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REVISIONS	
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DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	

PLOT DATE : 9/25/2007  
 FILE NAME : c:\pwworkspace\138\run\138.dwg  
 PLOT SCALE : 1/4" = 1'-0"  
 USER NAME : mchambers



SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL.



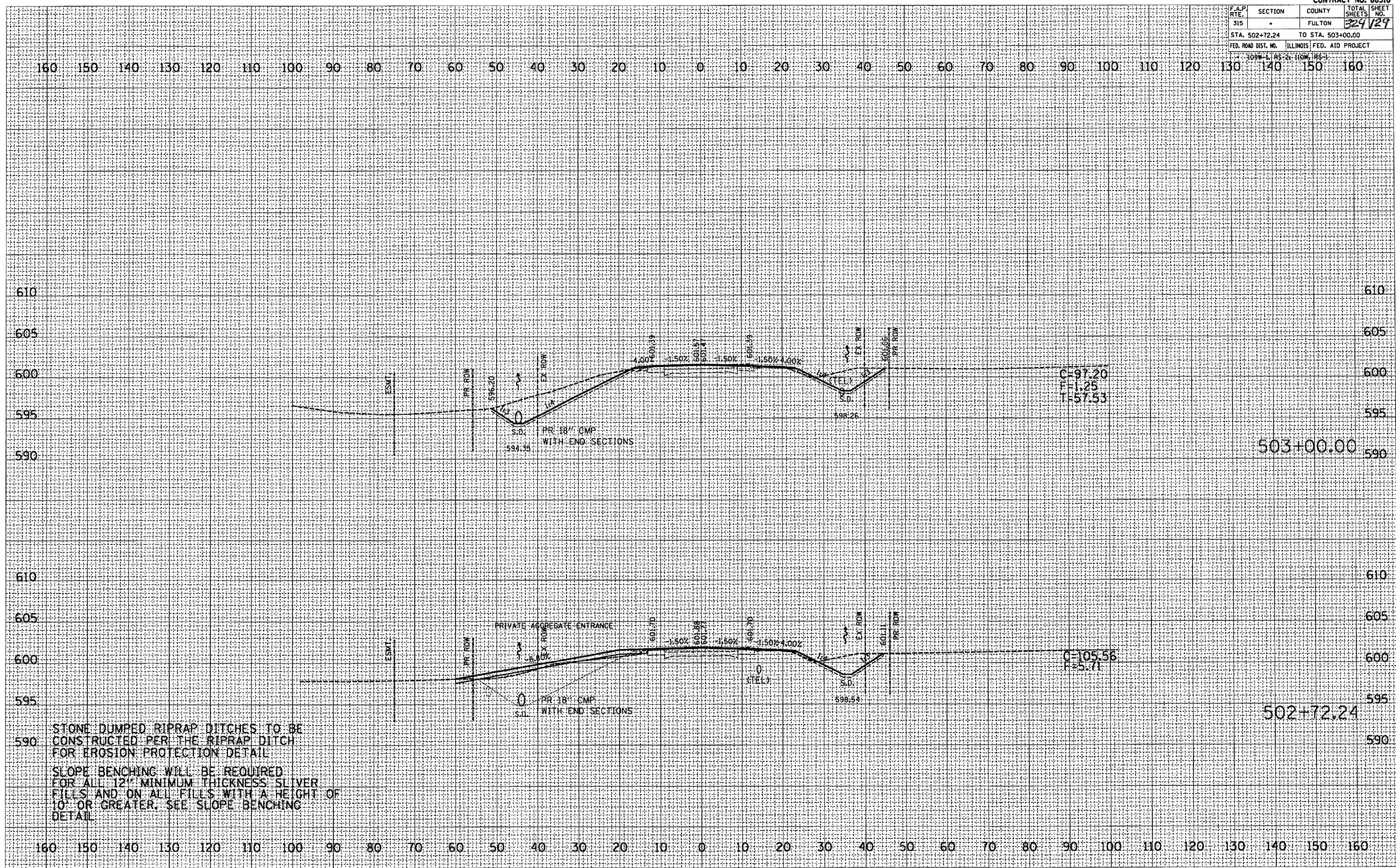


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	329	129
STA. 502+72.24		TO STA. 503+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
109W-1, 85-2, 110W, 185-1				

DATE	BY

DATE	BY

PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\108\sum\108sum\129a.dwg  
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 USER NAME: zls07z



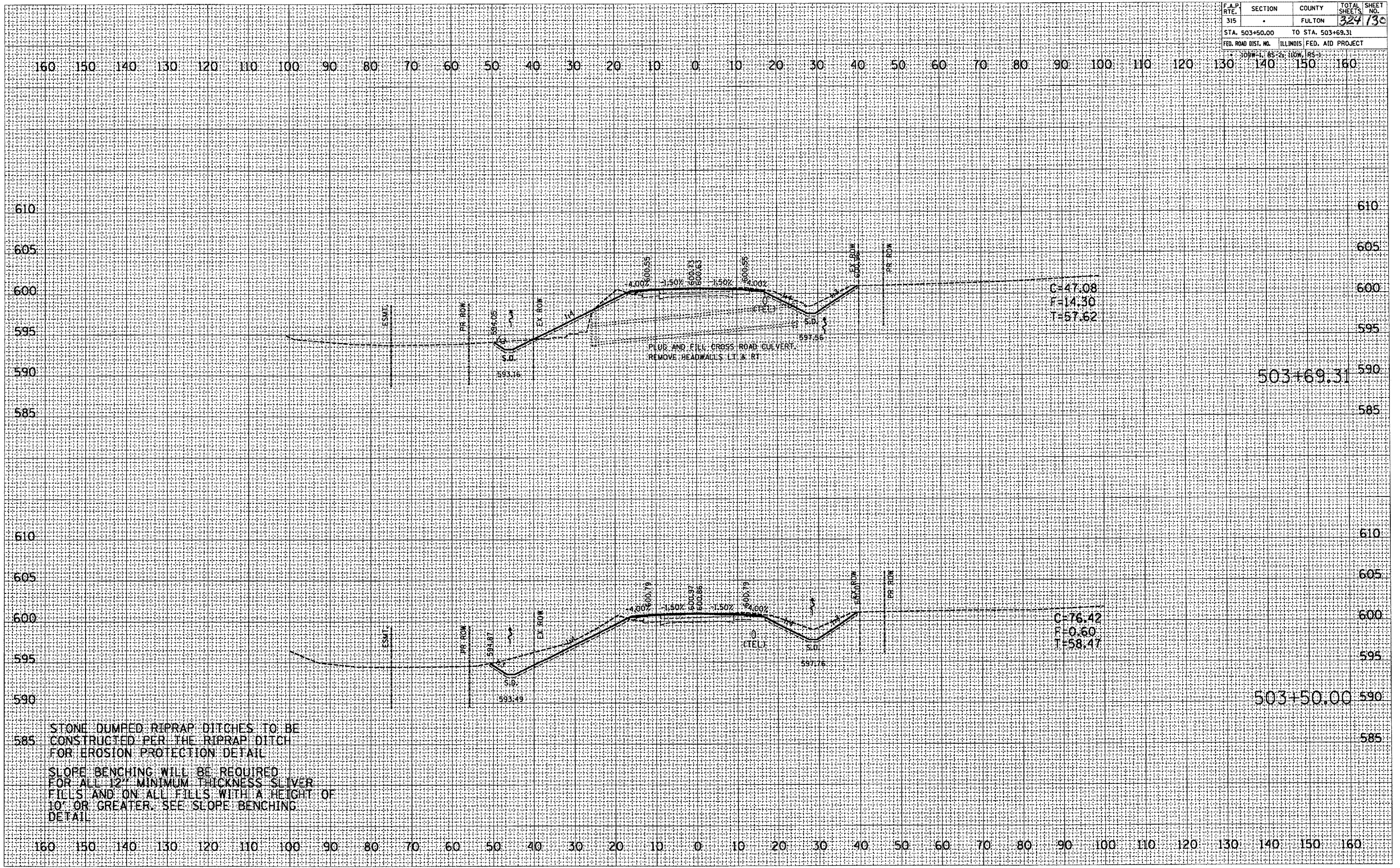
STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10" OR GREATER. SEE SLOPE BENCHING DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
315	.	FULTON	324/130
STA. 503+50.00		TO STA. 503+69.31	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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

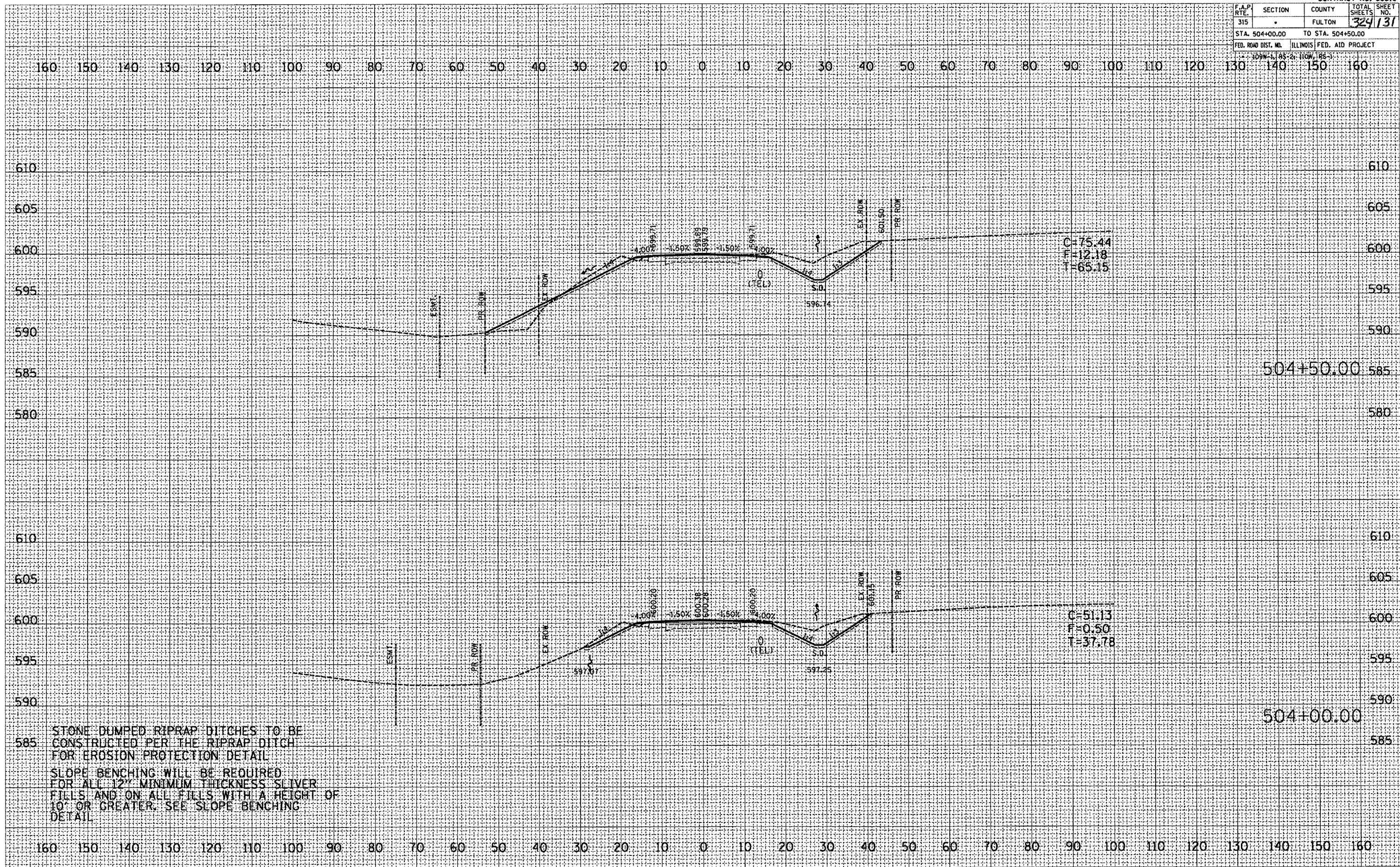
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPERATURE		
	AREAS CHECKED		

PLOT DATE: 9/25/2007  
 PLOT SCALE: 1"=40'  
 USER NAME: mshahar-dm



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10" OR GREATER. SEE SLOPE BENCHING DETAIL.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
315		FULTON	329/131
STA. 504+00.00		TO STA. 504+50.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



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

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

PLOT DATE: 4/25/2007  
 FILE NAME: C:\Users\jstuart\Documents\AutoCAD\2007\131\131.dwg  
 USER: jstuart

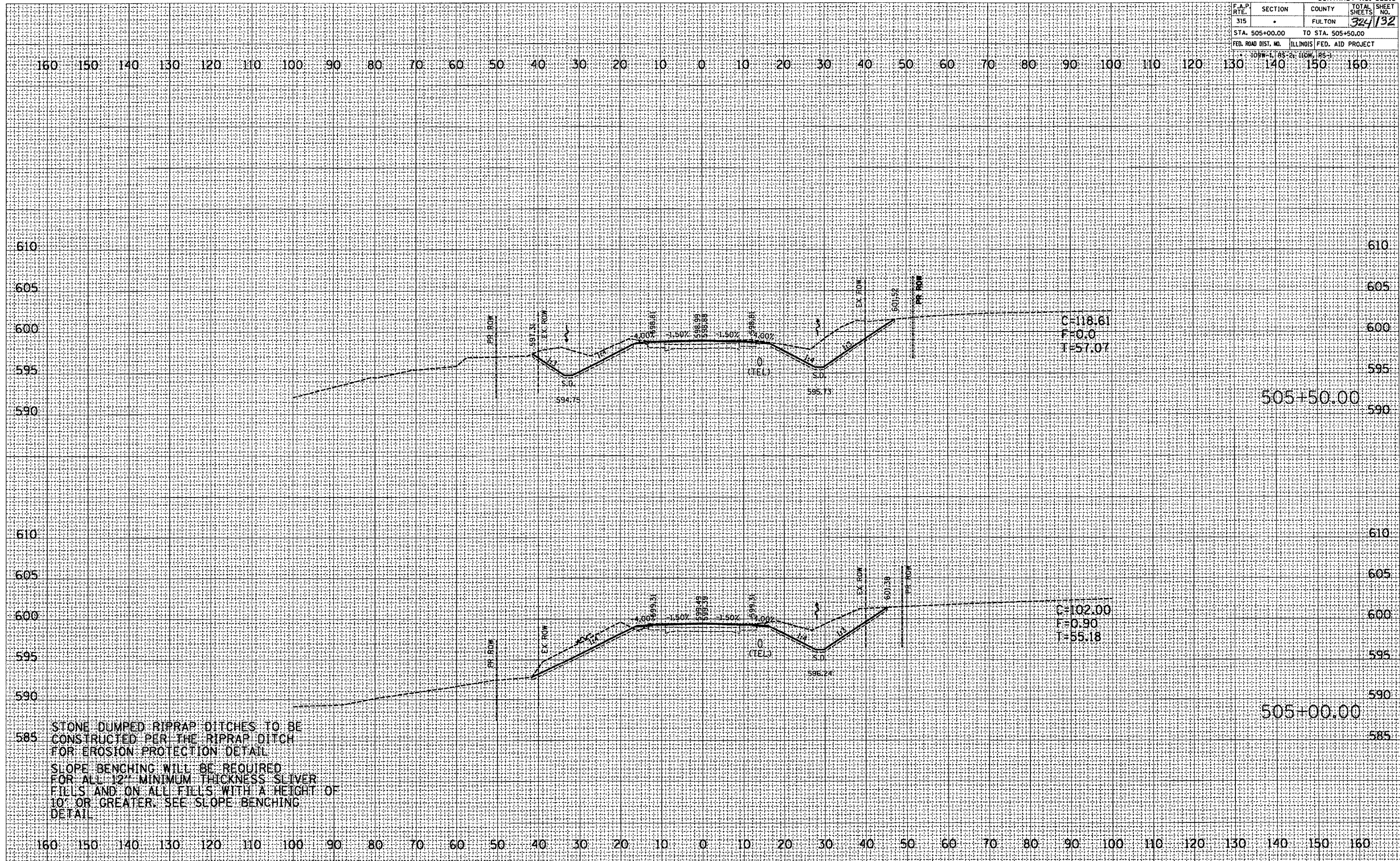
STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	132
STA. 505+00.00		TO STA. 505+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	CONVERTED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	CONVERTED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

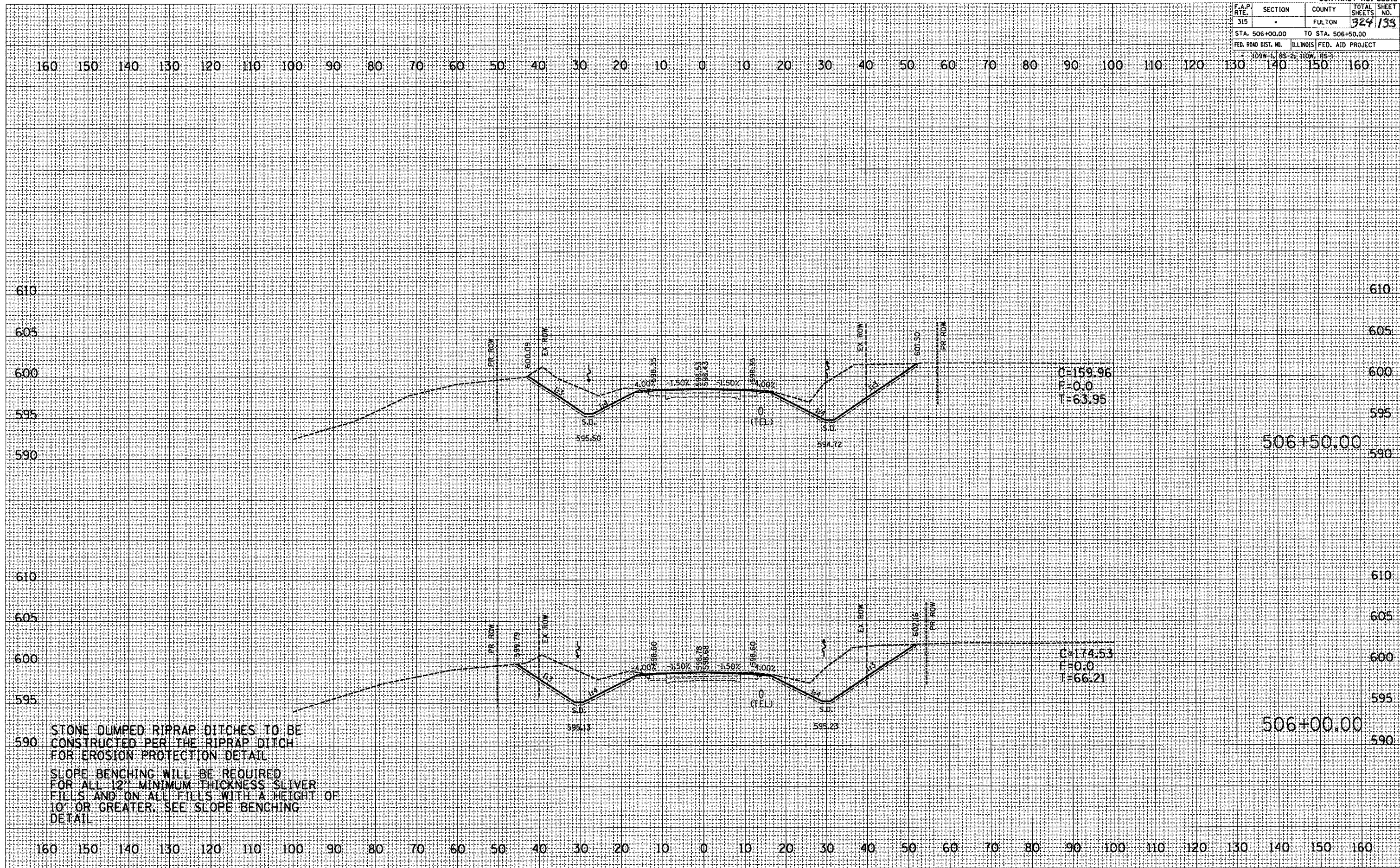
PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\132\132.dwg  
 PLOT SCALE: 1/8" = 1'-0"  
 USER NAME: j...



585 STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	133
STA. 506+00.00		TO STA. 506+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



C=159.96  
F=0.0  
T=63.95

C=174.53  
F=0.0  
T=66.21

STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

DATE	BY

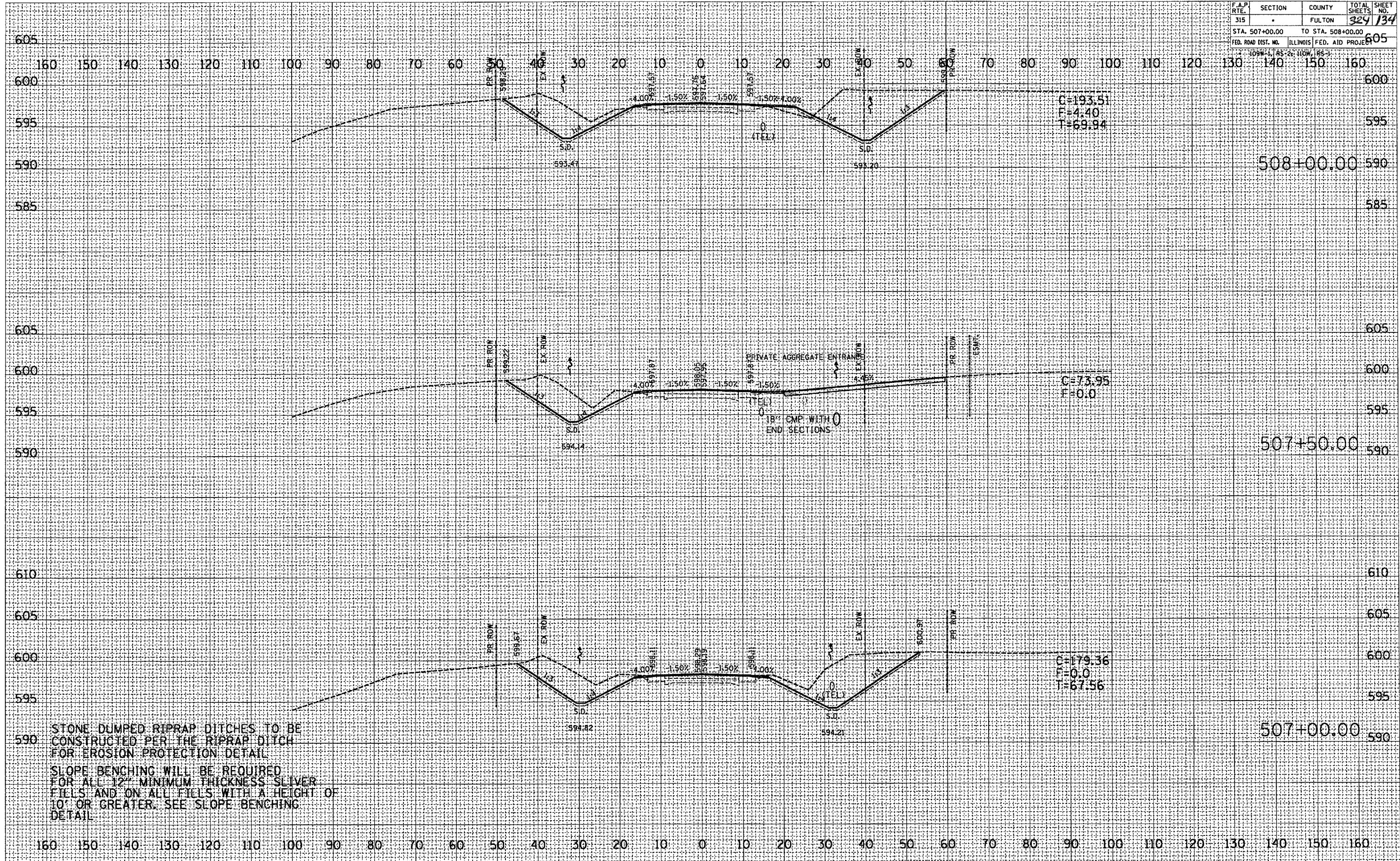
DATE	BY

ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED  
 SURVEY PLOTTED TEMPLATE AREAS CHECKED  
 PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\un136\un136a\un136a.dwg  
 USER: NAME

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	134
STA. 507+00.00		TO STA. 508+00.00		605
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJ. NO.		

DATE	BY

SERVICED PLOTTED  
 SURVEY NOTE BOOK TEMPLATE  
 AREAS CHECKED  
 NO.



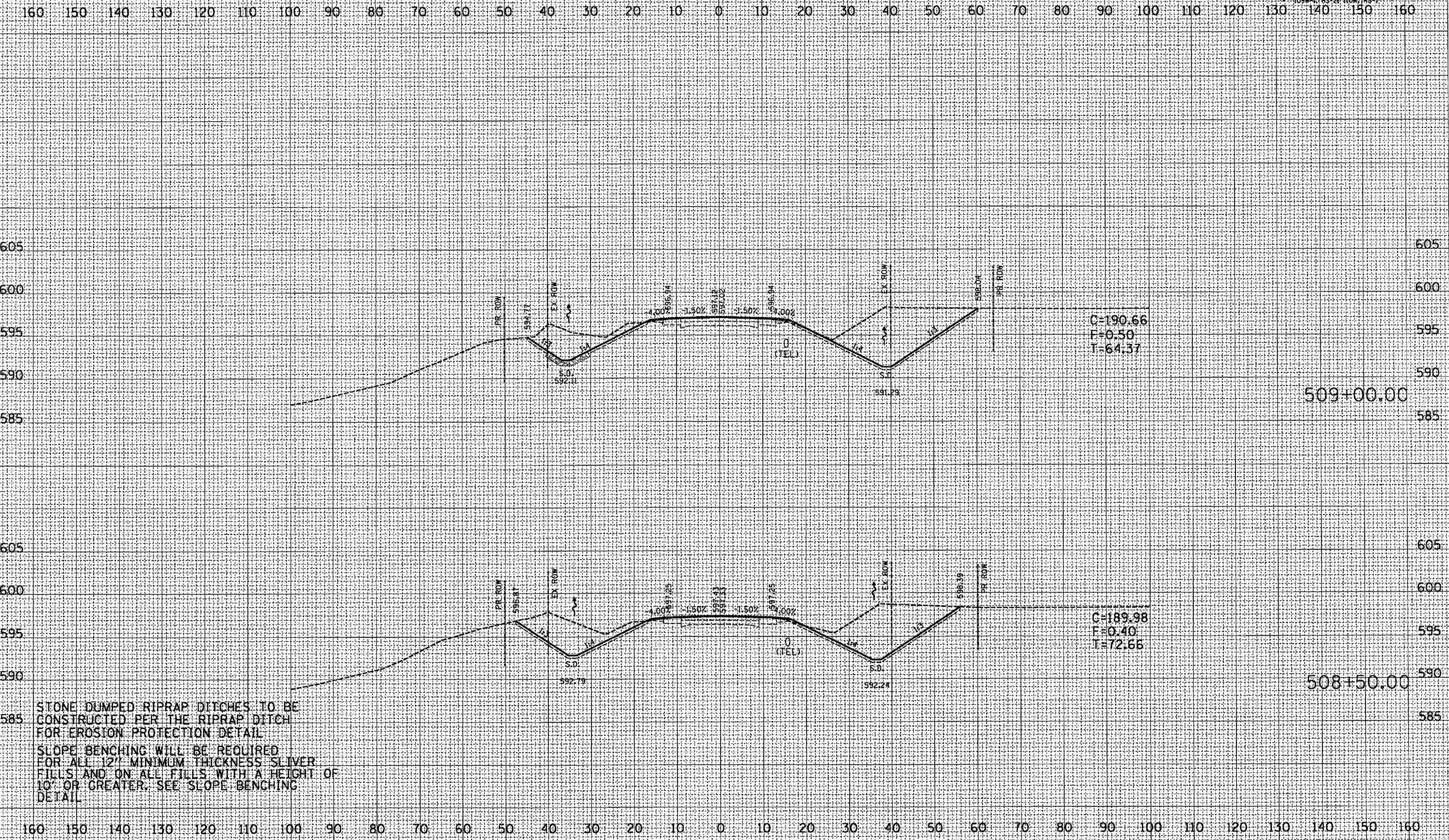
DATE	BY

ORIGINAL SURVEY PLOTTED  
 SURVEY NOTE BOOK TEMPLATE  
 AREAS CHECKED  
 NO.

PLOT DATE: 9/25/2007  
 FILE NAME: C:\projects\18518\18518.dwg  
 USER: J. B. BROWN

STONE DUMPED RIPRAP DITCHES TO BE  
 CONSTRUCTED PER THE RIPRAP DITCH  
 FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED  
 FOR ALL 12" MINIMUM THICKNESS SLIVER  
 FILLS AND ON ALL FILLS WITH A HEIGHT OF  
 10' OR GREATER. SEE SLOPE BENCHING  
 DETAIL.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	329	135
STA. 508+50.00		TO STA. 509+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

DATE	BY

DATE	BY

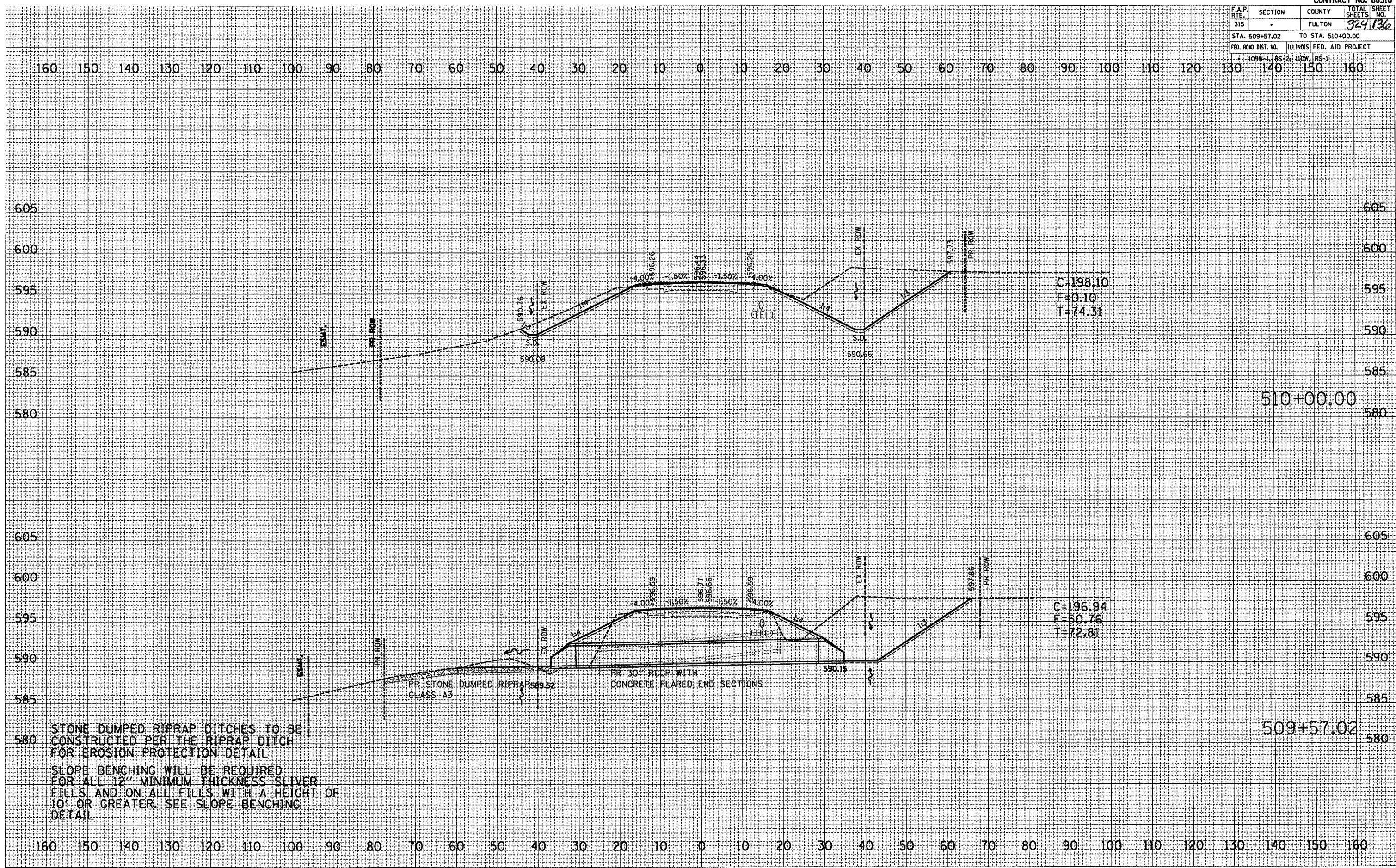
PLOT DATE: 9/20/2007  
 FILE NAME: c:\projects\10138\10138.dwg  
 PLOT SCALE: 1" = 20.00'  
 USER: jmc

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	136
STA. 509+57.02		TO STA. 510+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	REVIEWED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	DELETED	

ORIGINAL SURVEY	REVIEWED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	DELETED	

PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\88518\88518a.dwg  
 USER NAME: j...  
 USER NAME: j...



C=198.10  
 F=0.10  
 T=74.31

C=196.94  
 F=50.76  
 T=72.81

STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

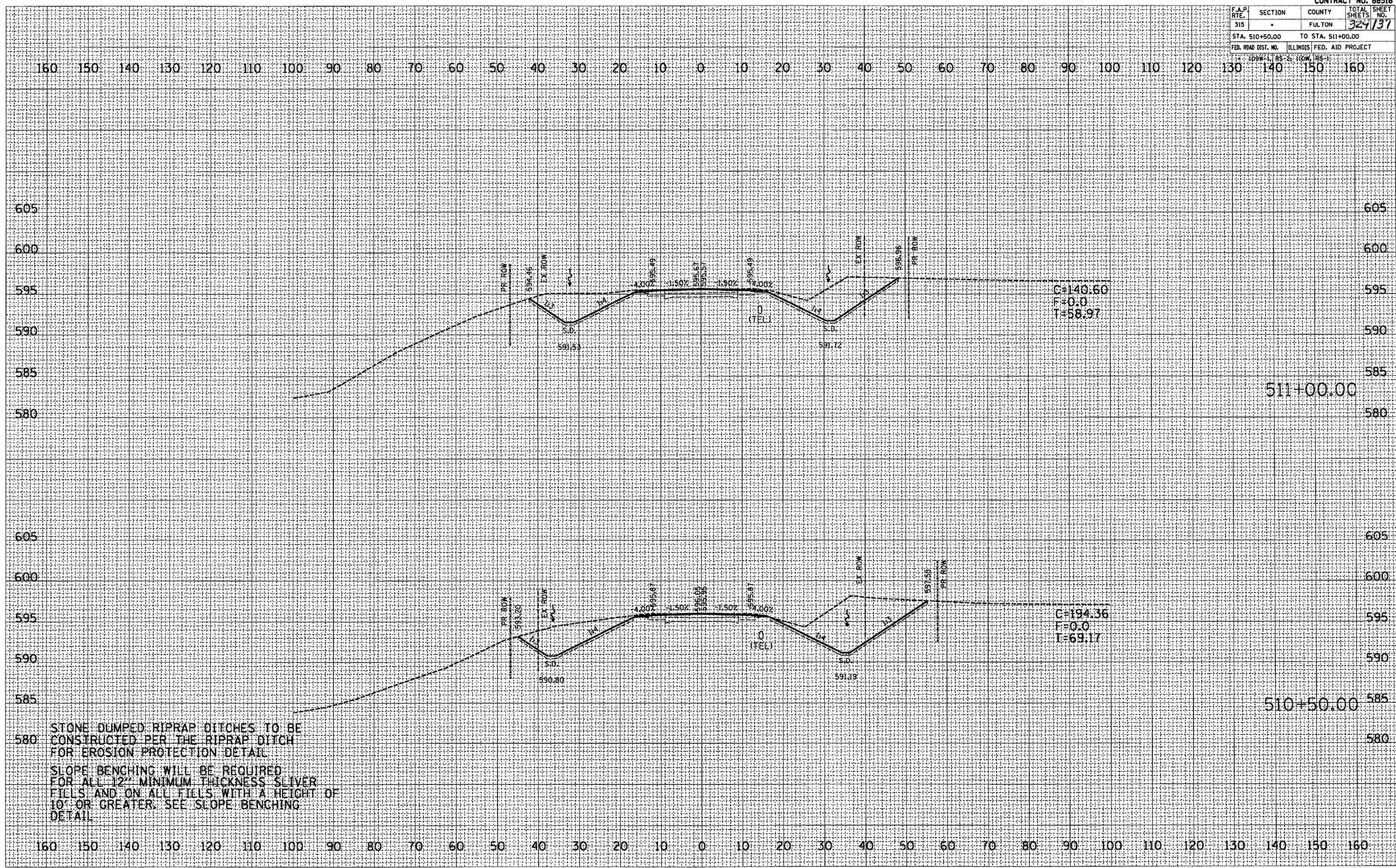
PR 30" RCDP WITH CONCRETE FLARED END SECTIONS

PR STONE DUMPED RIPRAP CLASS A3

F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	137
STA. 510+50.00		TO STA. 511+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	
BY	
CHECKED	
DESIGNED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
CHECKED	
DESIGNED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

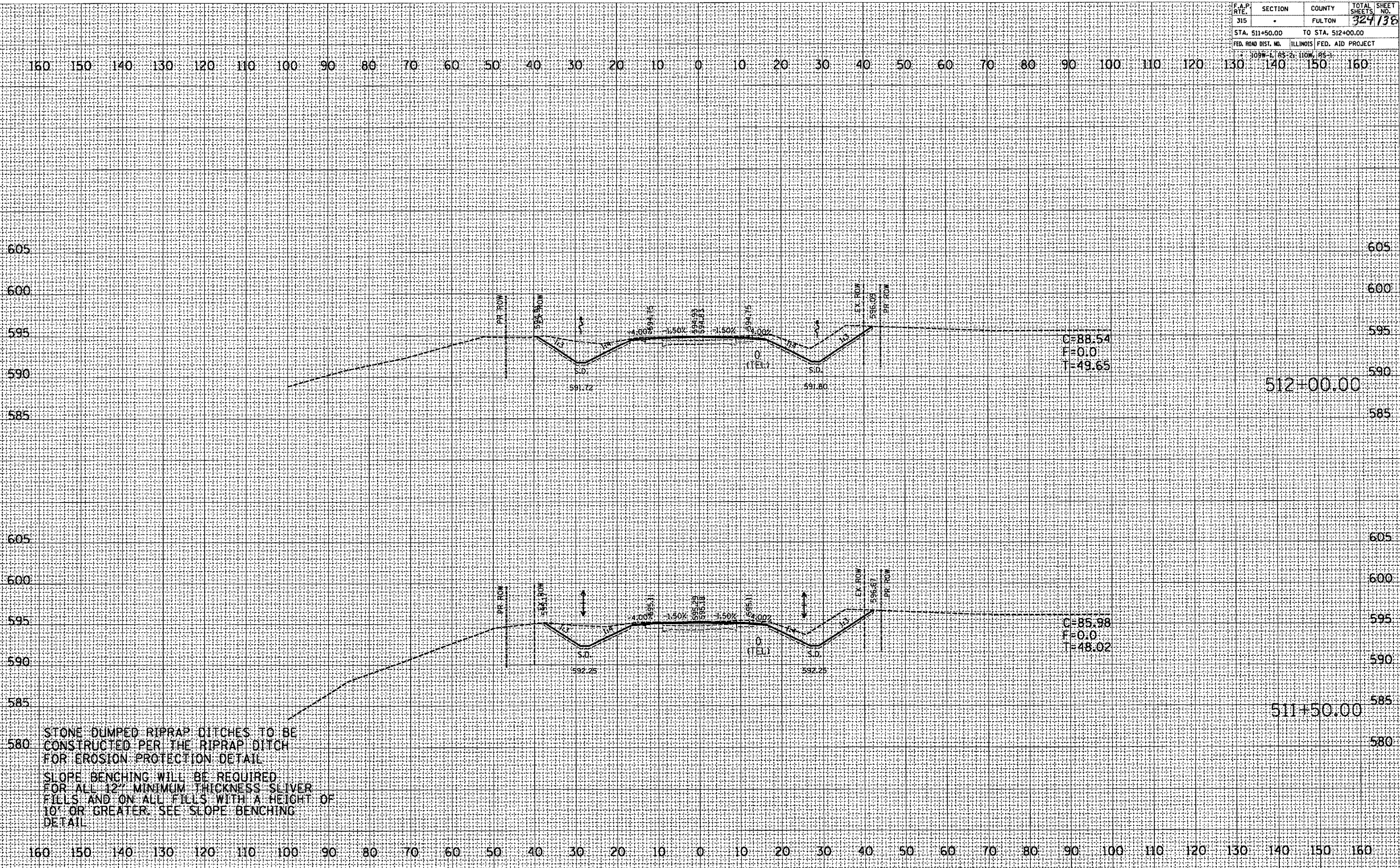


STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL

SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

PLOT DATE: 9/25/2007  
 FILE NAME: c:\pwworkspace\136mm\ut36h.dwg  
 USER: USER  
 SCALE: 1/8" = 1'-0"

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
315		FULTON	324/136
STA. 511+50.00		TO STA. 512+00.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
JOB NO. 1, 85-2, 110W, 185-1			



C=88.54  
F=0.0  
T=49.65

C=85.98  
F=0.0  
T=48.02

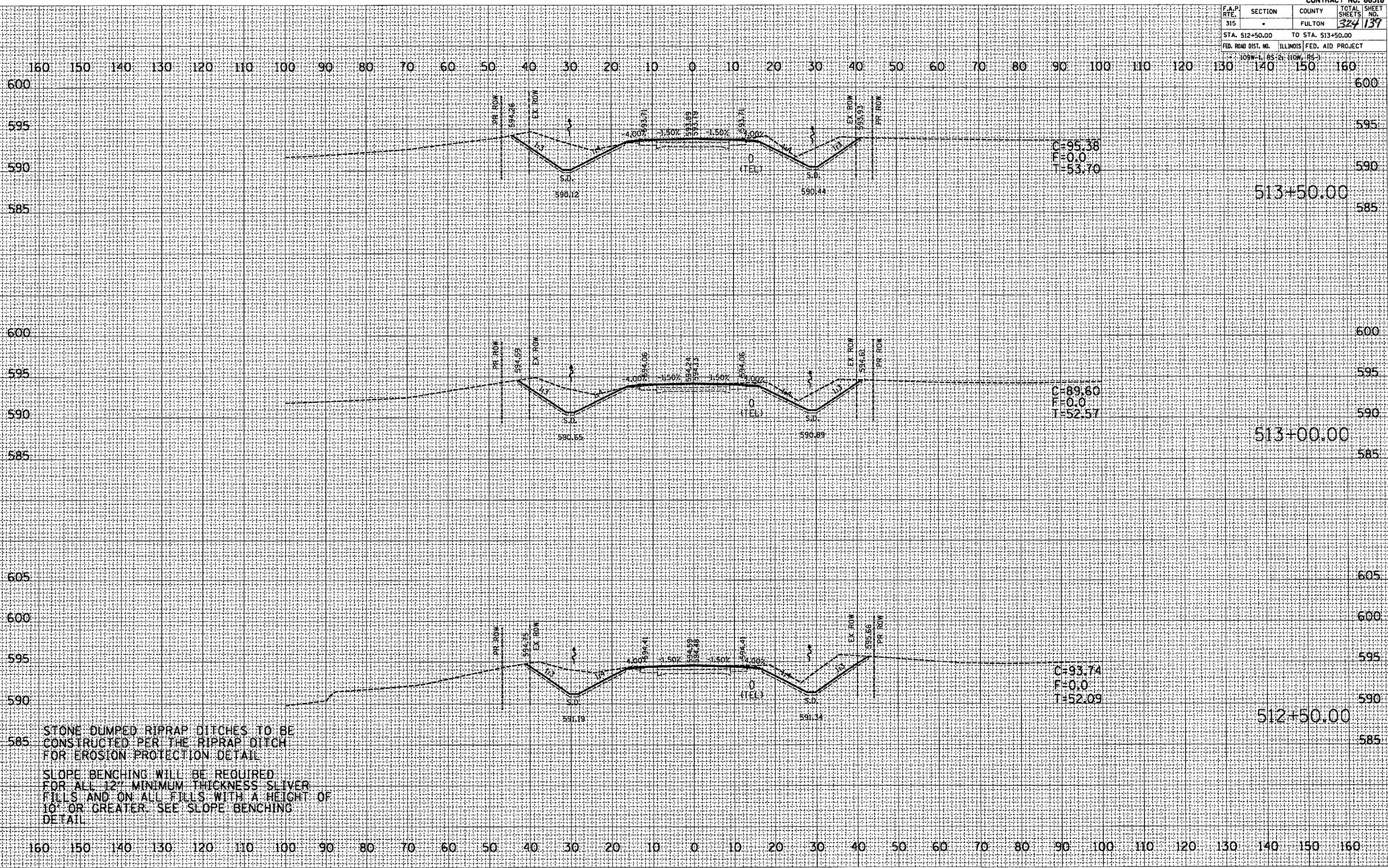
STONE DUMPED RIPRAP DITCHES TO BE  
CONSTRUCTED PER THE RIPRAP DITCH  
FOR EROSION PROTECTION DETAIL  
SLOPE BENCHING WILL BE REQUIRED  
FOR ALL 12" MINIMUM THICKNESS SLIVER  
FILLS AND ON ALL FILLS WITH A HEIGHT OF  
10' OR GREATER. SEE SLOPE BENCHING  
DETAIL

DATE  
BY  
FINAL SURVEY  
SUBMITTED  
NOTE BOOK  
NO.

DATE  
BY  
ORIGINAL SURVEY  
SUBMITTED  
NOTE BOOK  
NO.

PLOT DATE: 9/28/2007  
FILE NAME: C:\pwork\proj\136\plan\136pln1.dwg  
PLOT SCALE: 1/4" = 10'-0"  
DRAWN BY: [unreadable]

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
315		FULTON	324/137
STA. 512+50.00		TO STA. 513+50.00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
JOB NO. 1, 65-21-110W, 185-1			



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

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

PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\1126\1126.dwg  
 PLOT SCALE: 1" = 40'  
 USER NAME: mshankar

STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL

SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

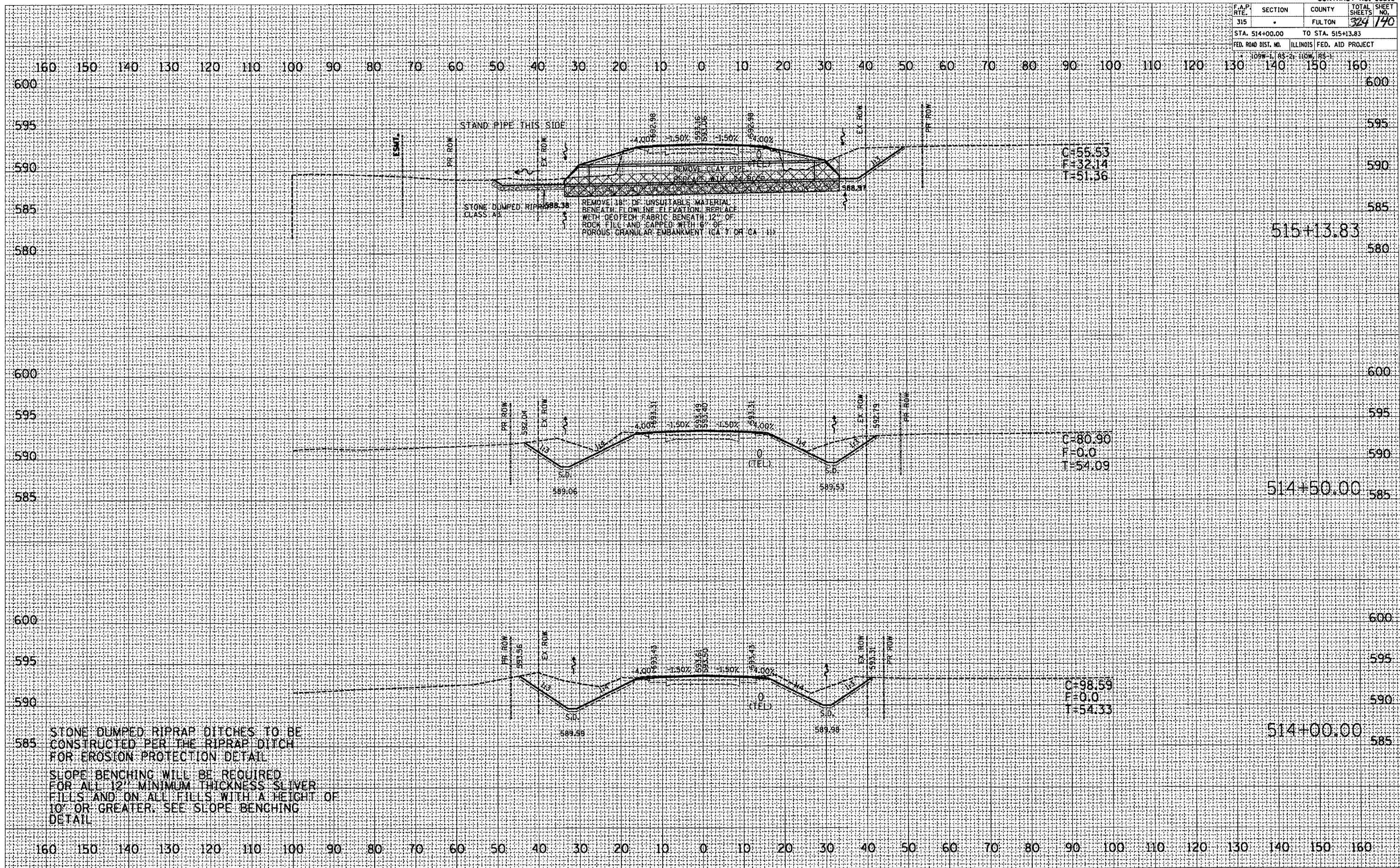
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
315		FULTON	324 / 190
STA. 514+00.00		TO STA. 515+13.83	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

109W-1, 85-2, 110W, 185-1

FINAL SURVEY	BY	DATE
REVISED		
PLOTTED		
TEMP. PLATE		
AREAS		
NEED CHECKED		

ORIGINAL SURVEY	BY	DATE
REVISED		
PLOTTED		
TEMP. PLATE		
AREAS		
NEED CHECKED		

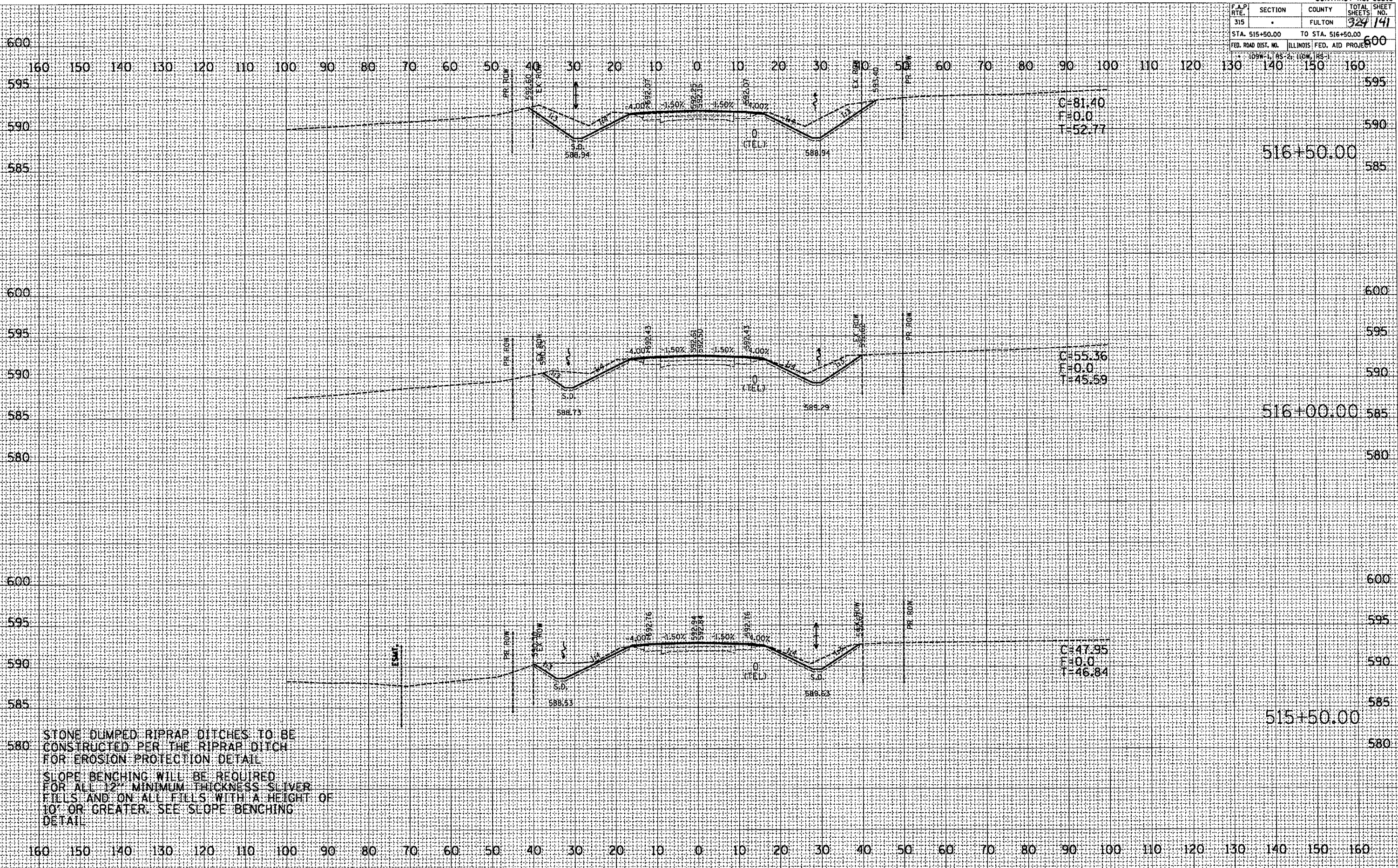
PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\188\plan\188\plan188.dwg  
 USER NAME: mchase



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	141
STA. 515+50.00		TO STA. 516+50.00		600
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



C=81.40  
F=0.0  
T=52.77

C=55.36  
F=0.0  
T=45.59

C=47.95  
F=0.0  
T=46.84

STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

DATE	BY

DATE	BY

FINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED  
NO.

ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED  
NO.

DATE: 9/25/2007  
FILE NAME: c:\pwworkspace\AutoCAD2007\Projects\1218272.dwg  
USER: NAME: 1218272

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	142
STA. 517+00.00		TO STA. 517+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

JOB#-1, 65-2, 110W, 65-1

DATE	BY

DATE	BY

PLOT DATE: 4/25/2007  
 FILE NAME: C:\Users\jgarcia\Documents\AutoCAD\136\136.dwg  
 SCALE: 1/8" = 1'-0"  
 USER NAME: jgarcia



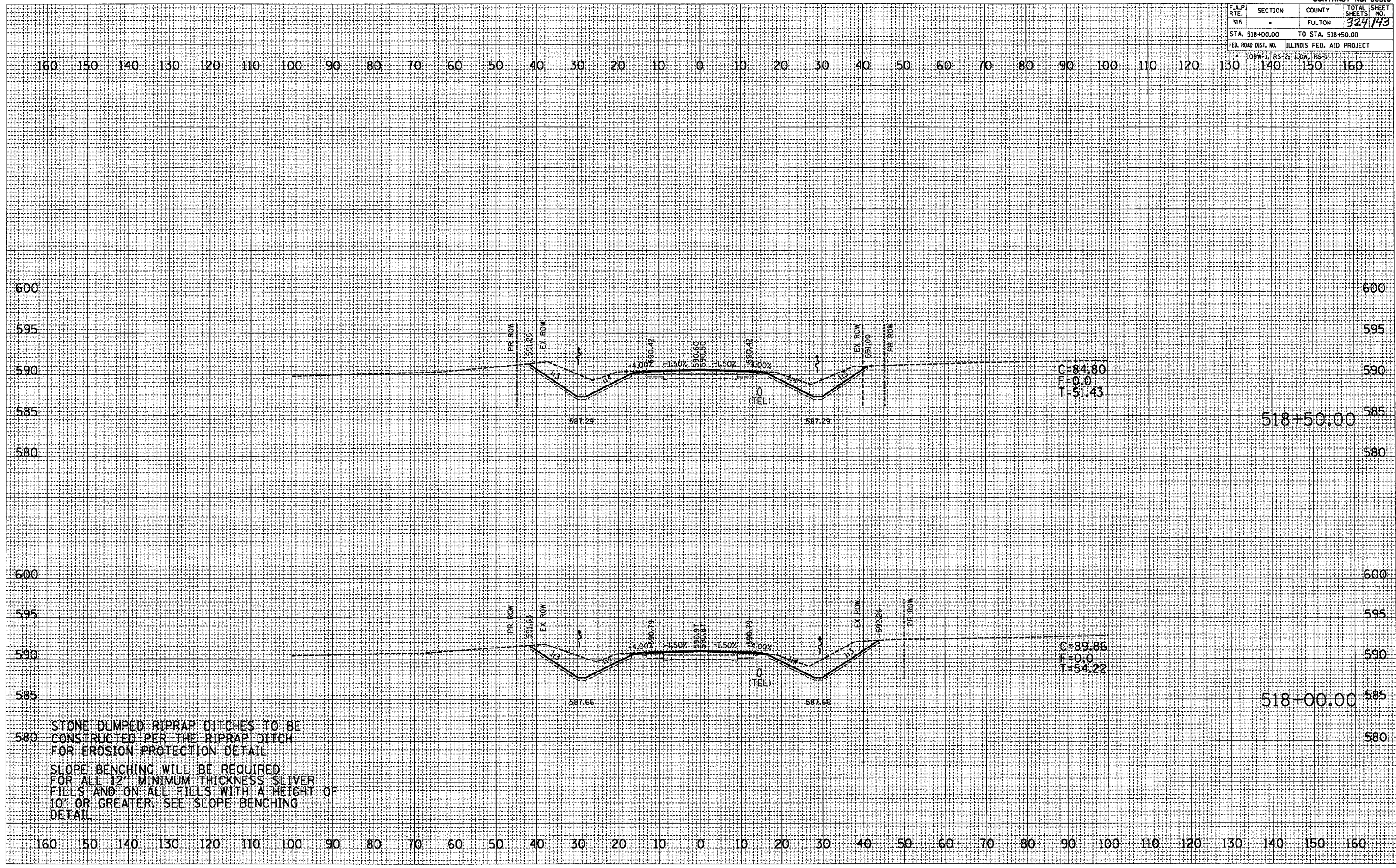
STONE DUMPED RIPRAP DITCHES TO BE  
 CONSTRUCTED PER THE RIPRAP DITCH  
 FOR EROSION PROTECTION DETAIL.  
 SLOPE BENCHING WILL BE REQUIRED  
 FOR ALL 12" MINIMUM THICKNESS SLIVER  
 FILLS AND ON ALL FILLS WITH A HEIGHT OF  
 10' OR GREATER. SEE SLOPE BENCHING  
 DETAIL.

F.A.P. NO. 315	SECTION -	COUNTY FULTON	TOTAL SHEETS 324	SHEET NO. 143
STA. 518+00.00		TO STA. 518+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY

DATE	BY

PLOT DATE : 9/25/2007  
 FILE NAME : c:\projects\138\plan\138plan.dwg  
 PLOT SCALE : 2.4872 / 1" = 40'  
 USER NAME : r...



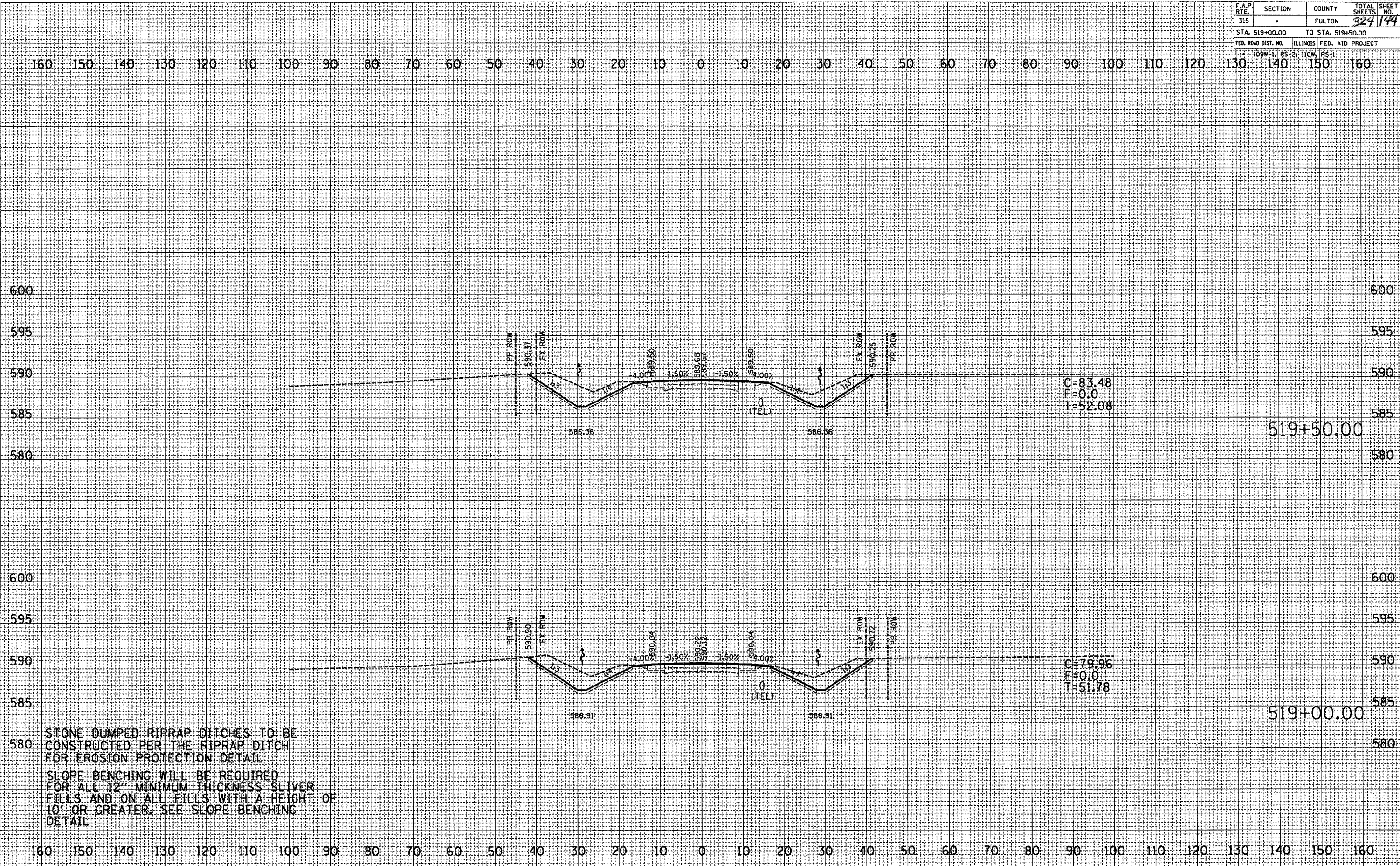
STONE DUMPED RIPRAP DITCHES TO BE  
 CONSTRUCTED PER THE RIPRAP DITCH  
 FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED  
 FOR ALL 12" MINIMUM THICKNESS SLIVER  
 FILLS AND ON ALL FILLS WITH A HEIGHT OF  
 10' OR GREATER. SEE SLOPE BENCHING  
 DETAIL

CONTRACT NO. 88518				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	144
STA. 519+00.00		TO STA. 519+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
109W-1, RS-2, 110W, RS-1				

BY	DATE

BY	DATE

PLOT DATE: 9/25/2007  
 FILE NAME: c:\proj\sect\135\sect\135.dwg  
 PLOT SCALE: 1" = 20.00'  
 USER NAME: msharkey



STONE DUMPED RIPRAP DITCHES TO BE  
 CONSTRUCTED PER THE RIPRAP DITCH  
 FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED  
 FOR ALL 12" MINIMUM THICKNESS SLIVER  
 FILLS AND ON ALL FILLS WITH A HEIGHT OF  
 10' OR GREATER. SEE SLOPE BENCHING  
 DETAIL

C=83.48  
 F=0.0  
 T=52.08

C=79.96  
 F=0.0  
 T=51.78

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	145

STA. 520+00.00 TO STA. 521+00.00  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

DATE	BY

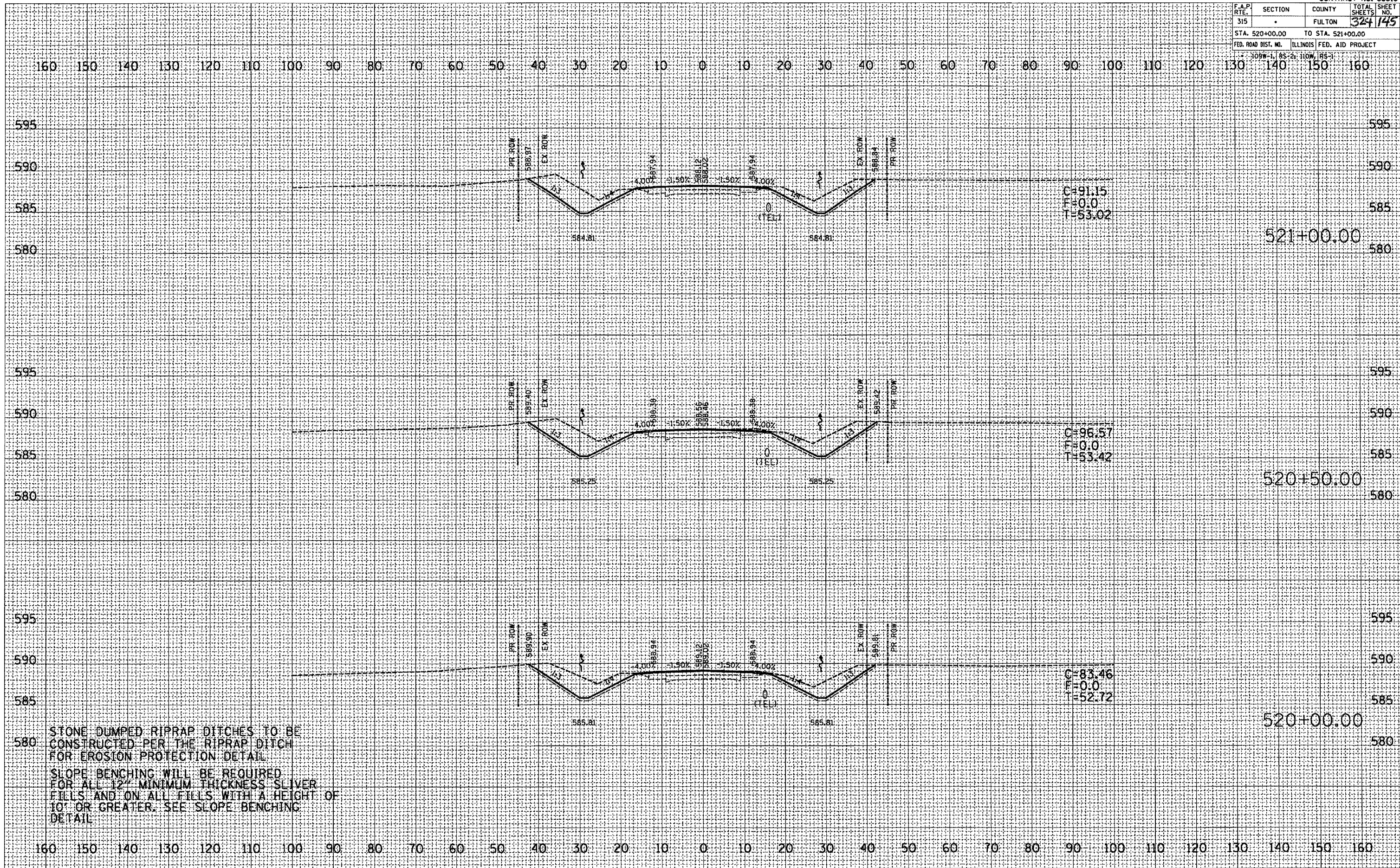
FINISHED SURVEY	UNFINISHED SURVEY
PLAT	PLAT
NOTE BOOK	NOTE BOOK
AREAS	AREAS
CHECKED	CHECKED

DATE	BY

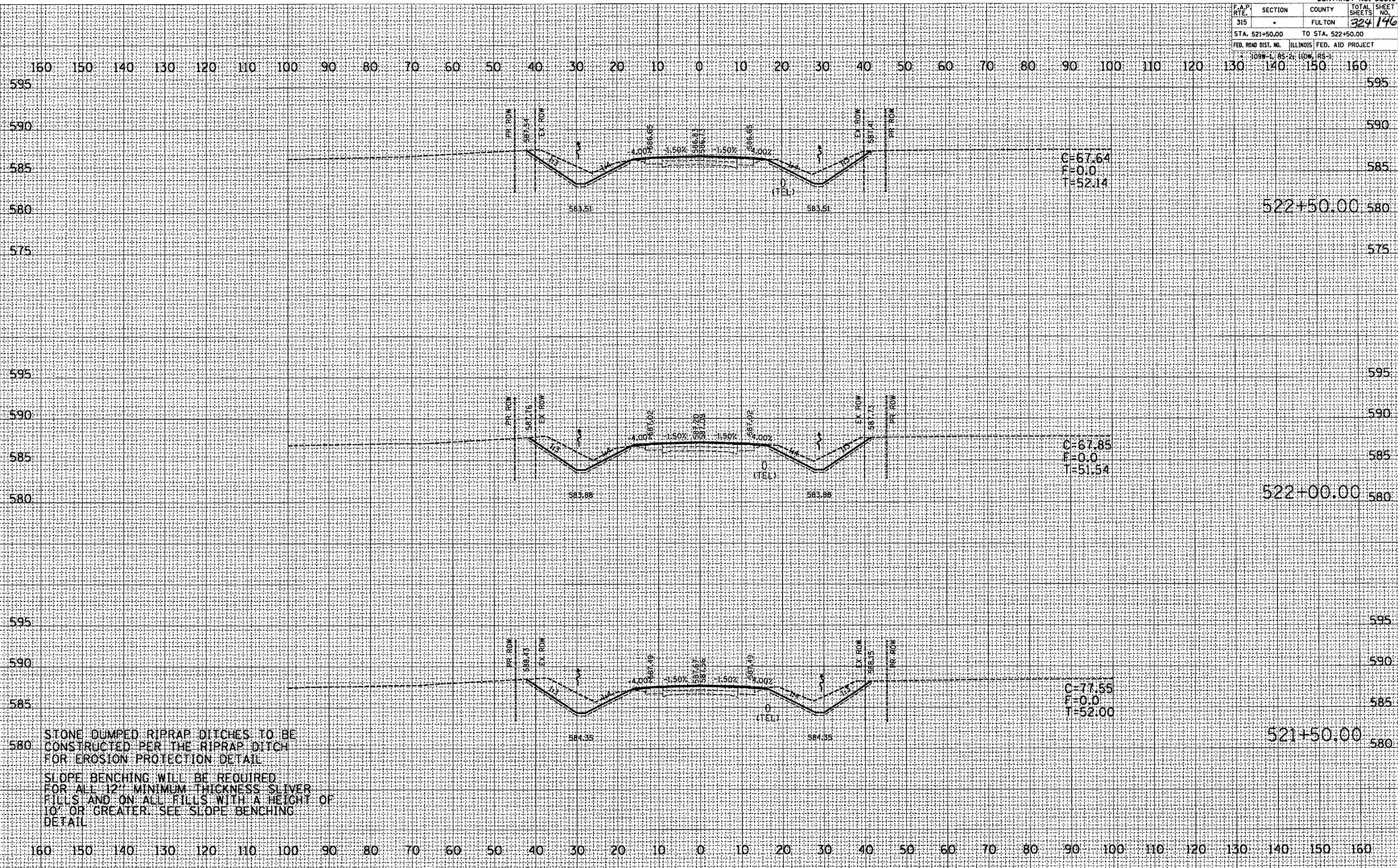
  

ORIGINAL SURVEY	UNFINISHED SURVEY
PLAT	PLAT
NOTE BOOK	NOTE BOOK
AREAS	AREAS
CHECKED	CHECKED

PLOT DATE \* 9/25/2007  
 FILE NAME \* c:\p\projects\un138\un138.dwg  
 SCALE \* 1/8" = 1' IN.  
 USER NAME \* mchase



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	146
STA. 521+50.00		TO STA. 522+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



DATE	BY

DATE	BY

PLOT DATE: 9/25/2007  
 FILE NAME: c:\projet\138\sum\138h\146.dwg  
 PLOT SCALE: 1/4" = 1'-0"  
 USER NAME: mshurdole

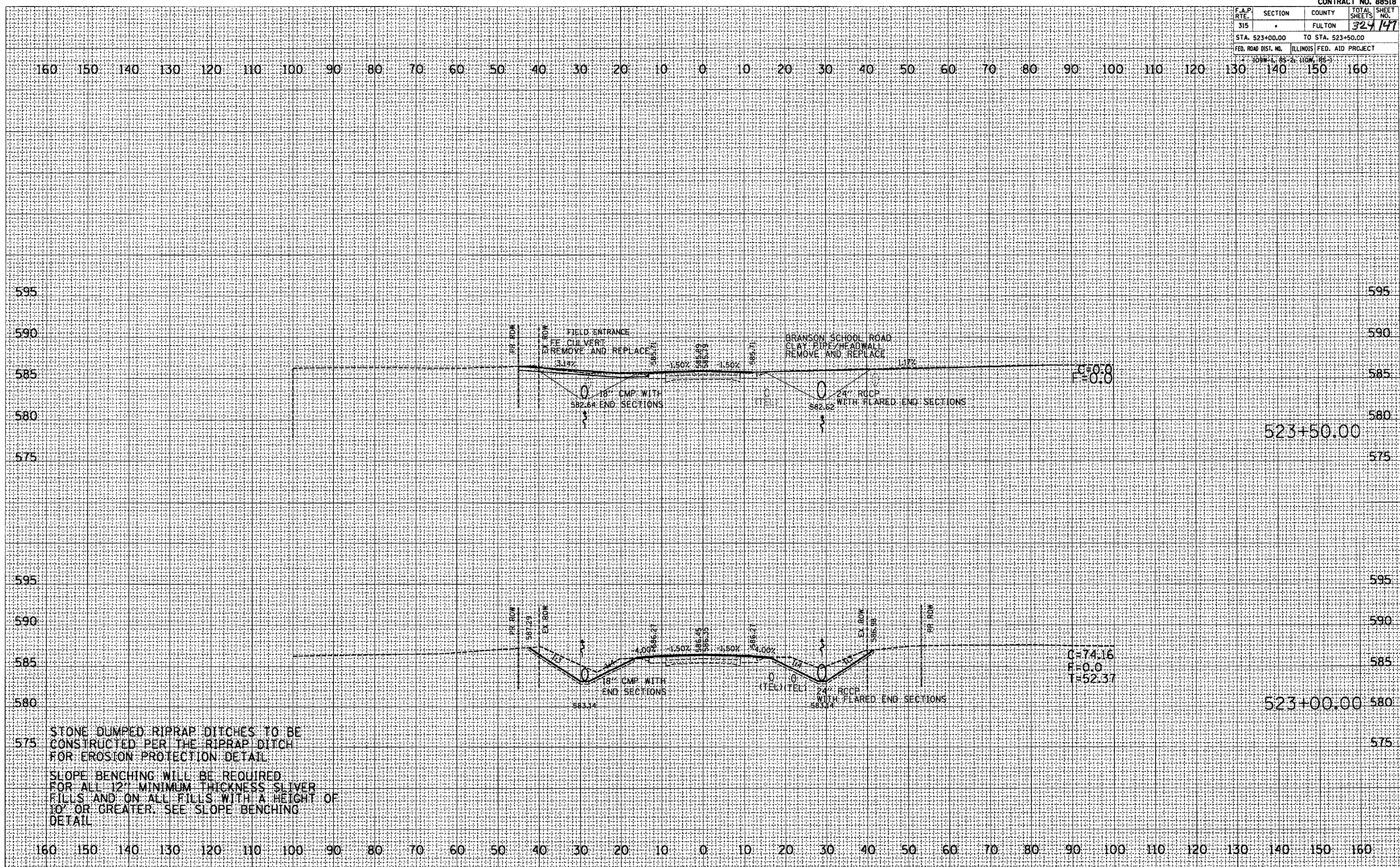
STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	147
STA. 523+00.00		TO STA. 523+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
NO. _____	_____
BY _____	_____
REVISIONS	DATE
PLOTTED	_____
TEMPLATE	_____
AREAS CHECKED	_____
AREAS CHECKED	_____

ORIGINAL SURVEY	DATE
NO. _____	_____
BY _____	_____
REVISIONS	DATE
PLOTTED	_____
TEMPLATE	_____
AREAS CHECKED	_____
AREAS CHECKED	_____

PLOT DATE = 9/29/2007  
 FILE NAME = c:\arcgis\plan36m\plan36m.dwg  
 USER NAME = rshelton



STONE DUMPED RIPRAP DITCHES TO BE  
 CONSTRUCTED PER THE RIPRAP DITCH  
 FOR EROSION PROTECTION DETAIL

SLOPE BENCHING WILL BE REQUIRED  
 FOR ALL 12" MINIMUM THICKNESS SLIVER  
 FILLS AND ON ALL FILLS WITH A HEIGHT OF  
 10' OR GREATER. SEE SLOPE BENCHING  
 DETAIL

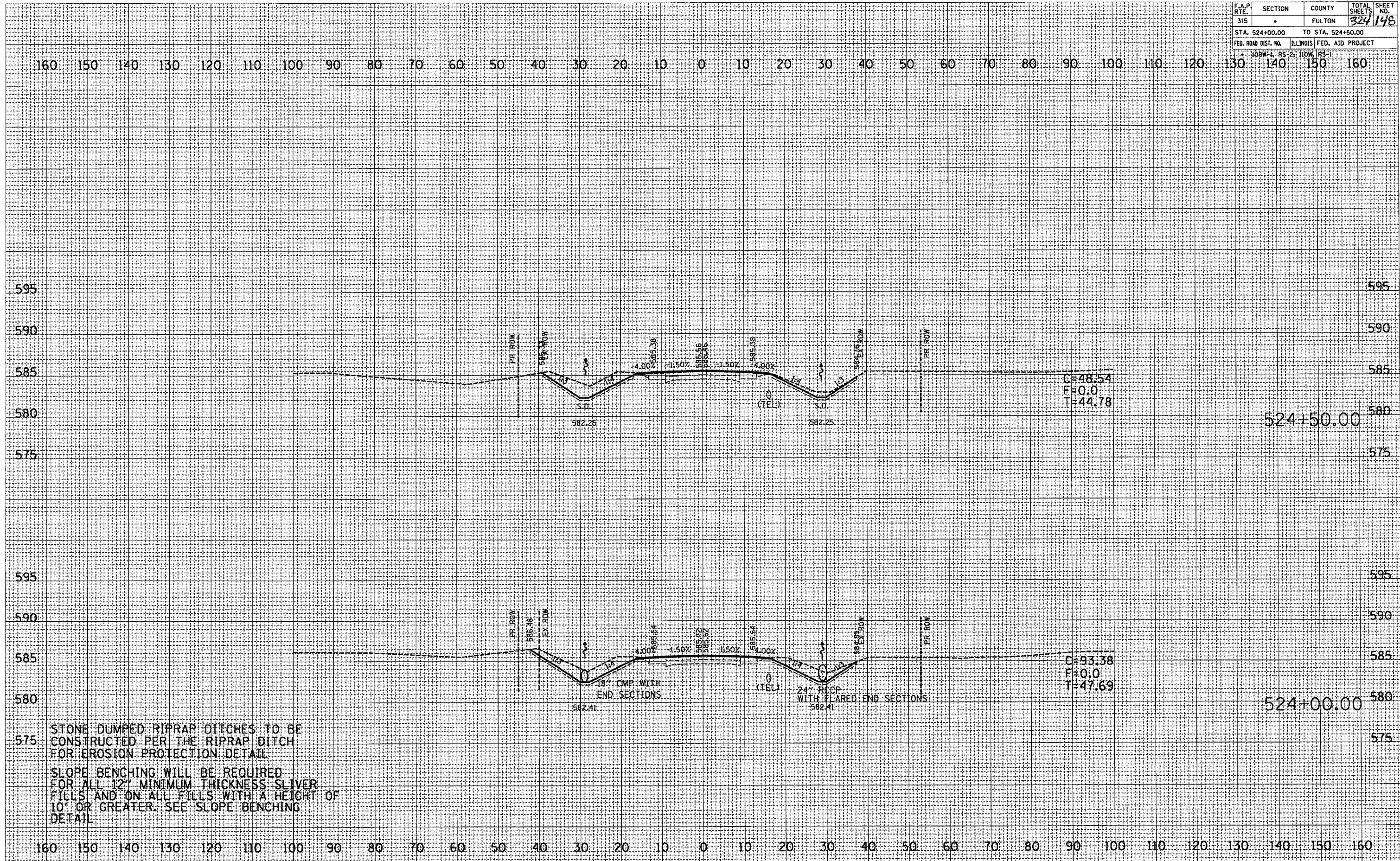
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	146
STA. 524+00.00		TO STA. 524+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

109W-1, RS-2; 110W, RS-1

FINAL SURVEY	DATE
FORWARDED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
FORWARDED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\138\mud\138ah.dwg  
 PLOT SCALE: 2.5372 / 1" = 100'-0"  
 USER NAME: msharkey



C=48.54  
 F=0.0  
 T=44.78  
 524+50.00

C=93.38  
 F=0.0  
 T=47.69  
 524+00.00

STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL



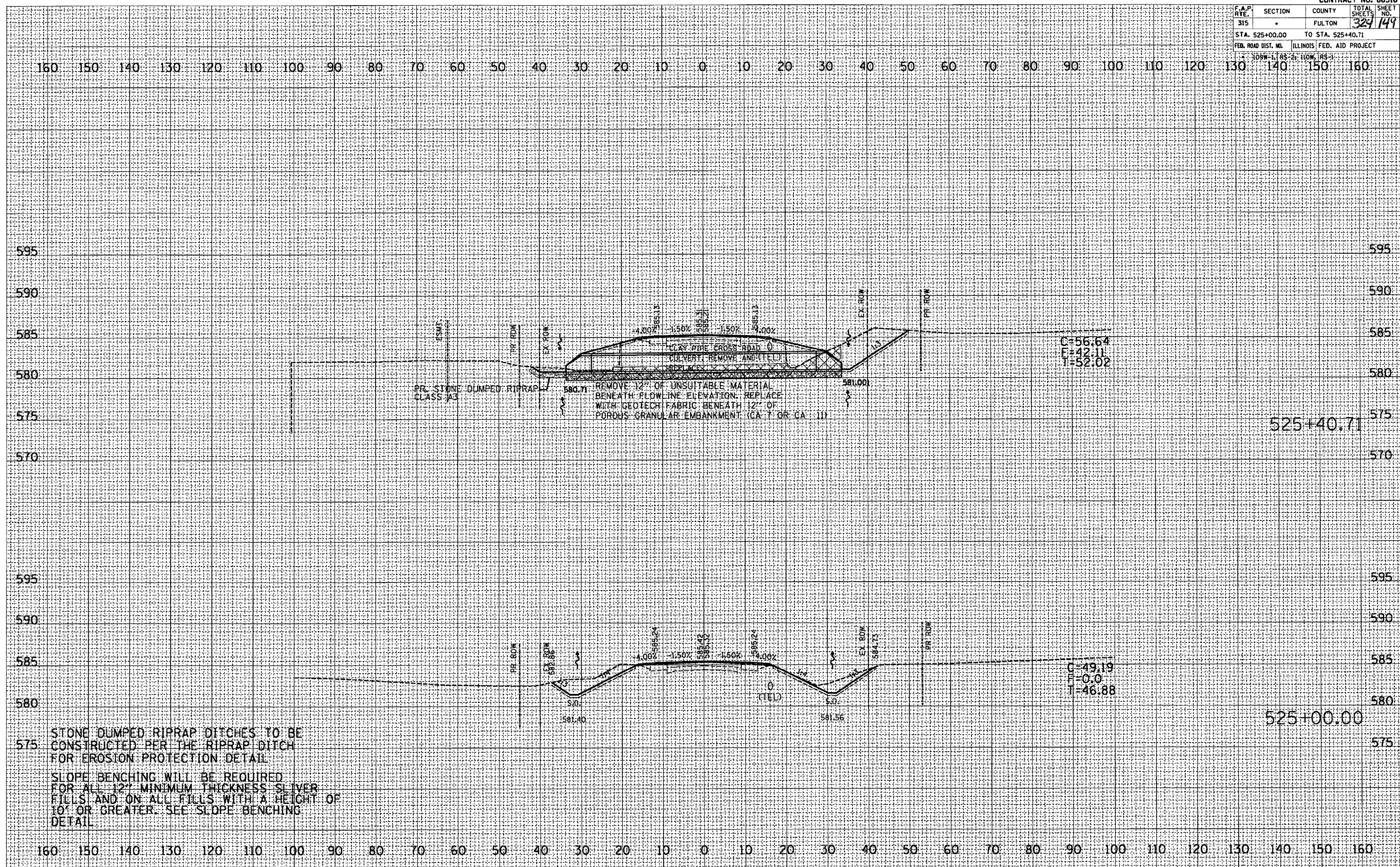
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	329	149
STA. 525+00.00		TO STA. 525+40.71		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

105W-1.85-2-110W, 1RS-1

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

PLOT DATE: 9/25/2007  
 FILE NAME: c:\pwworkspace\136\aut136\aut136.dwg  
 PLOT SCALE: 2.0000  
 USER NAME: msharkey



C=56.64  
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 T=52.02

C=49.19  
 F=0.0  
 T=46.88

STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

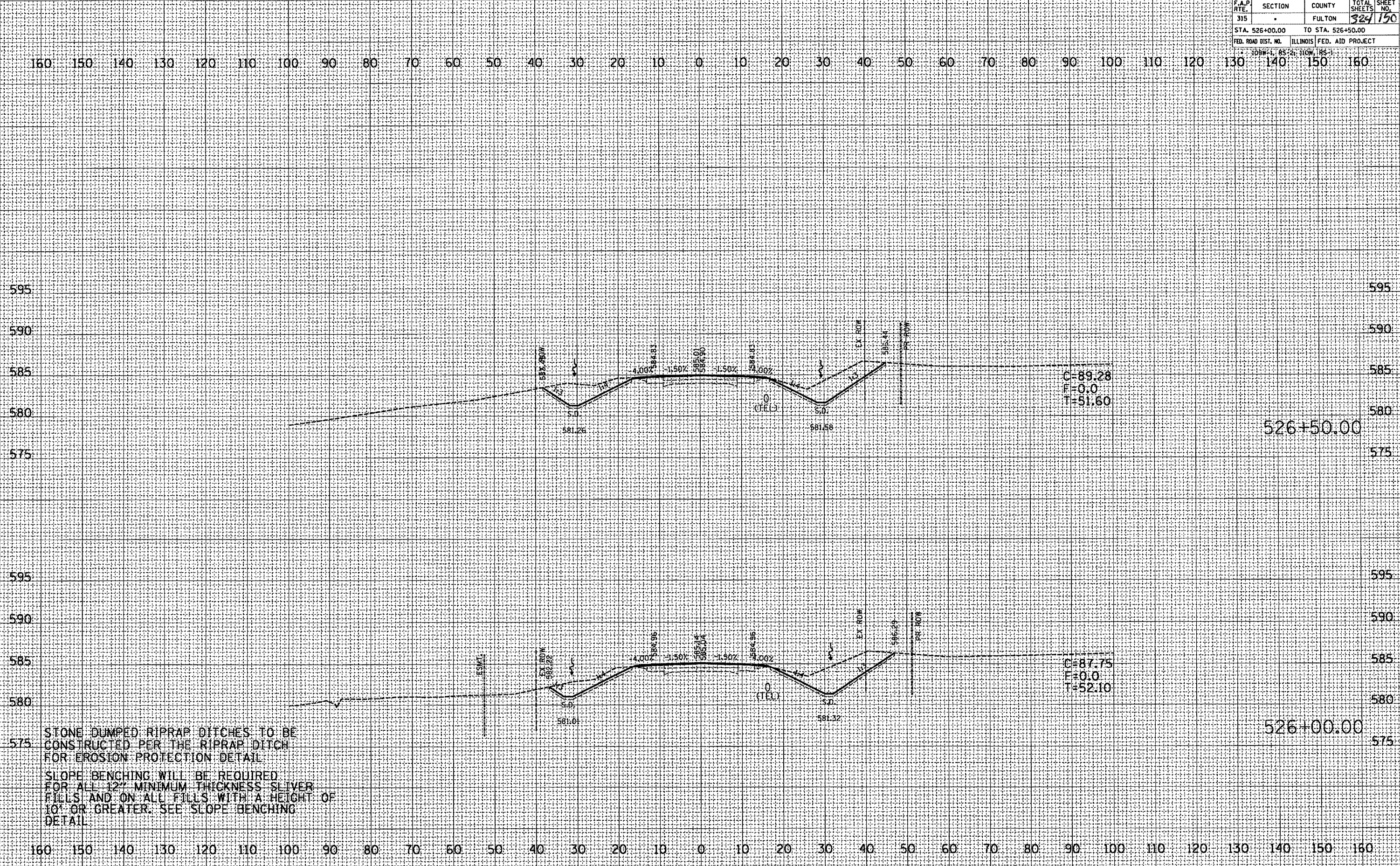
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	150
STA. 526+00.00		TO STA. 526+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

108W-1, 65-2, 110W, 185-1

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

PLOT DATE: 9/25/2007  
 FILE NAME: c:\proj\sect\un138\un138a.dwg  
 PLOT SCALE: 1/8" = 1'-0"  
 USER NAME: f.murphy



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL

SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

526+50.00

526+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	151
STA. 527+00.00		TO STA. 527+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY

DATE	BY

PLOT DATE: 9/25/2007  
FILE NAME: c:\proj\meta\138\un\138\un138\un138.dwg  
PLOT SCALE: 2:6250 / 1" = 100'  
USER NAME: m...@...com



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

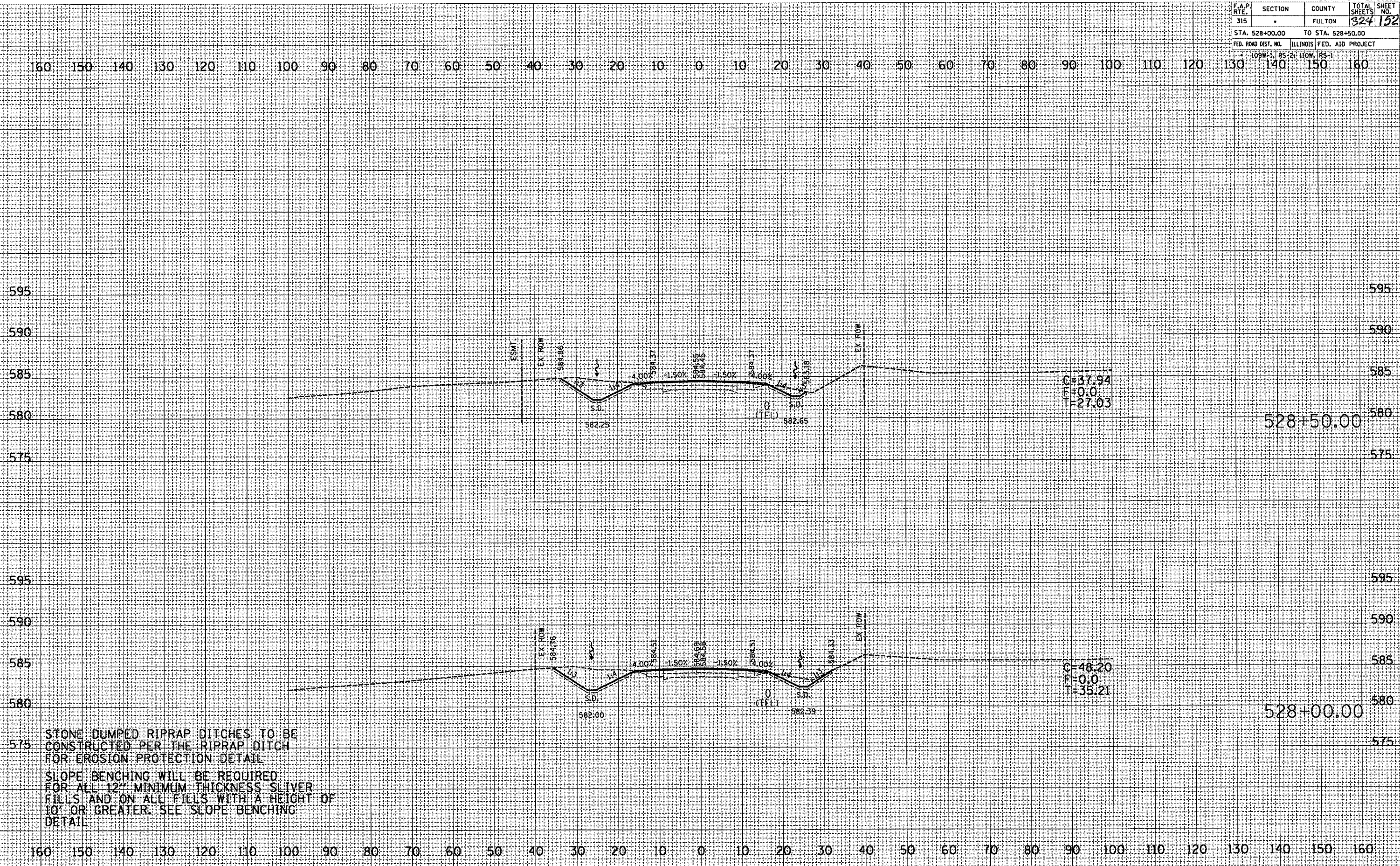
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
315	-	FULTON	324
STA. 528+00.00 TO STA. 528+50.00			152
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

109W-1, RS-2; 110W, 1RS-1

FINAL SURVEY	DATE
REVIEWED	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
REVIEWED	
NOTE BOOK	
AREAS CHECKED	

PLOT DATE : 9/25/2007  
 FILE NAME : c:\projects\138\138.dwg  
 PLOT SCALE : 21.6372 / IN.  
 USER NAME : mshahar.doc



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

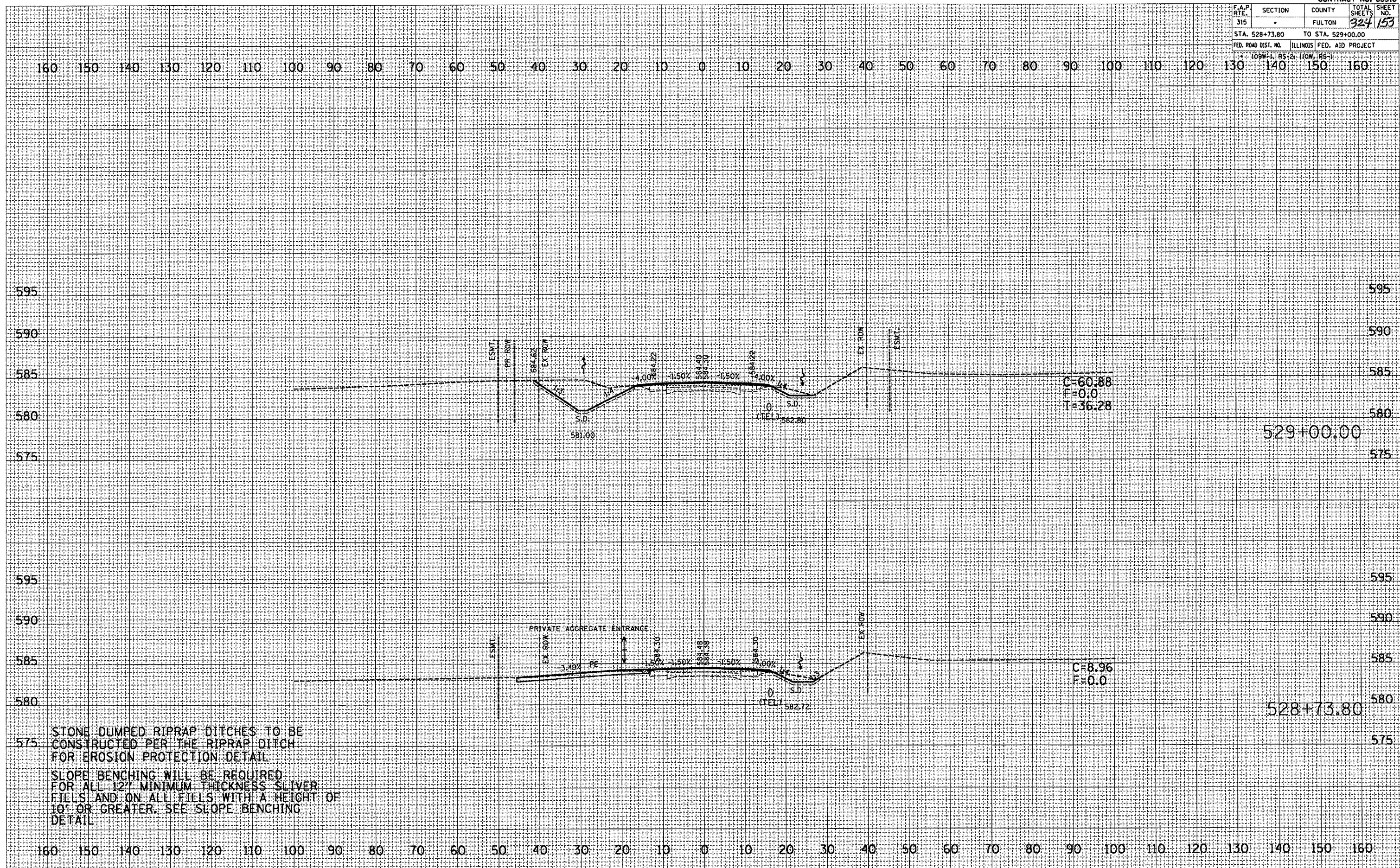
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	153
STA. 528+73.80		TO STA. 529+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

109W-1, 165-2, 110W, 166-1

FINAL SURVEY	BY	DATE
REVISIONS		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
REVISIONS		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

PLOT DATE: 9/25/2007  
 FILE NAME: c:\p\proj\meta\val\38un\val138un\ldg  
 PLOT SCALE: 21.6372 / IN.  
 USER NAME: m...@...@...



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FIELDS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

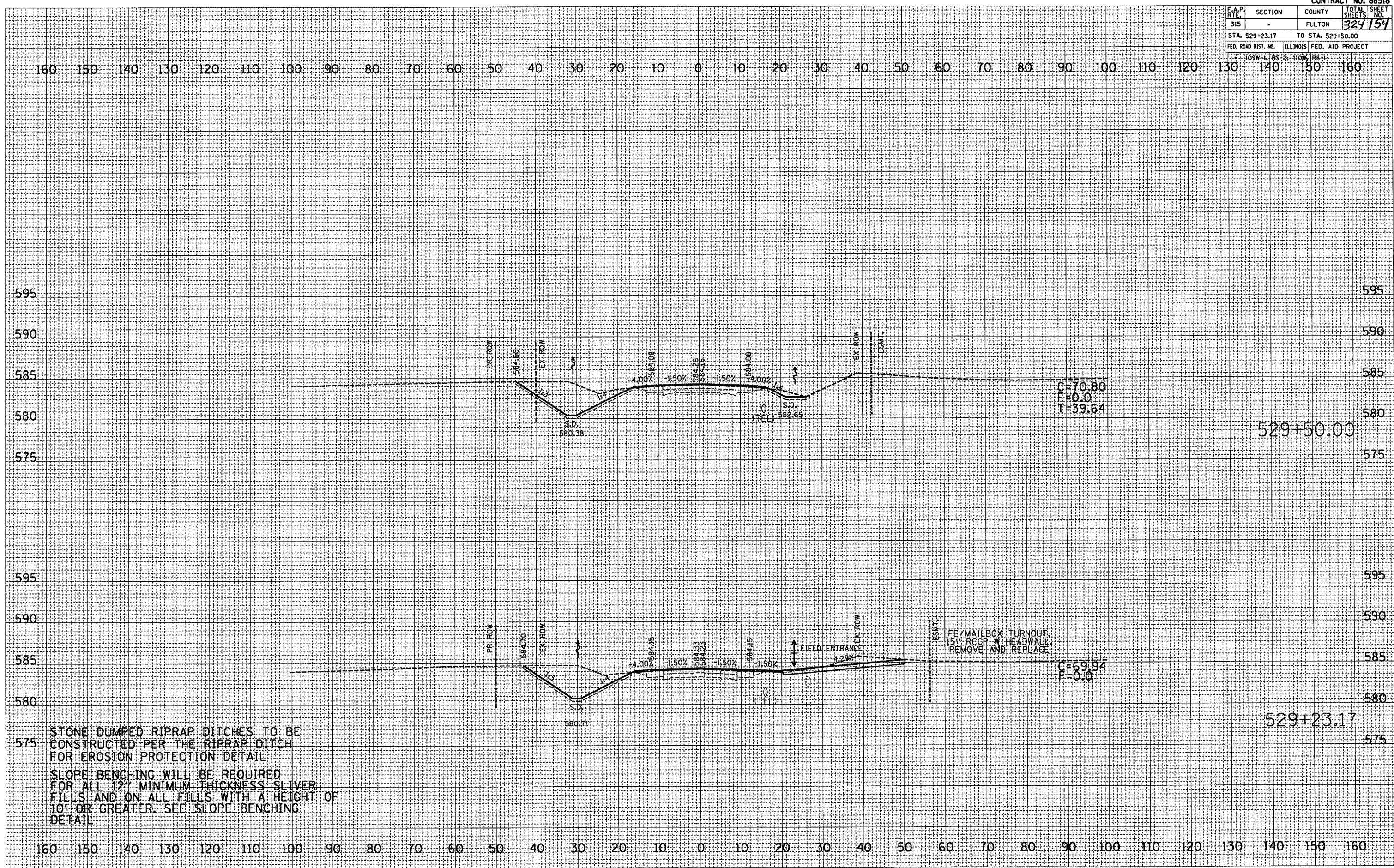
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	154
STA. 529+23.17		TO STA. 529+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

100' = 1" 65' = 2" 110' = 1 1/2"

FINAL SURVEY	DATE
BY	
REVIEWED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
BY	
REVIEWED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

PLOT DATE = 9/26/2007  
 FILE NAME = c:\p07057a\val35\unval13\ah4.dwg  
 PLOT SCALE = 21.6372 / 1" IN  
 USER NAME = mshapiro



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL

SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

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 T=39.64

C=69.94  
 F=0.0

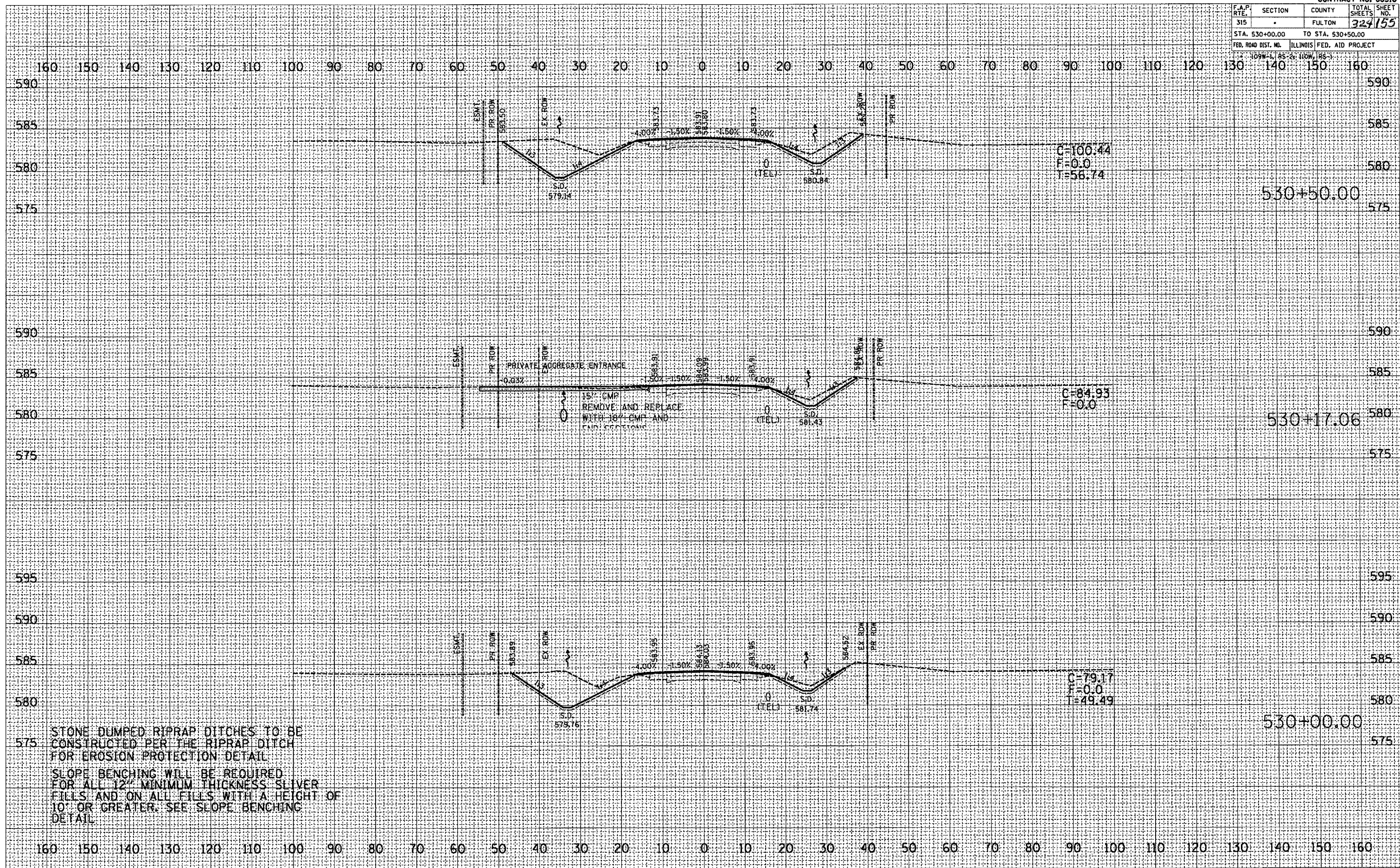
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	155
STA. 530+00.00		TO STA. 530+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

109M x 1 AS 2:110M 186-1

DATE	BY

DATE	BY

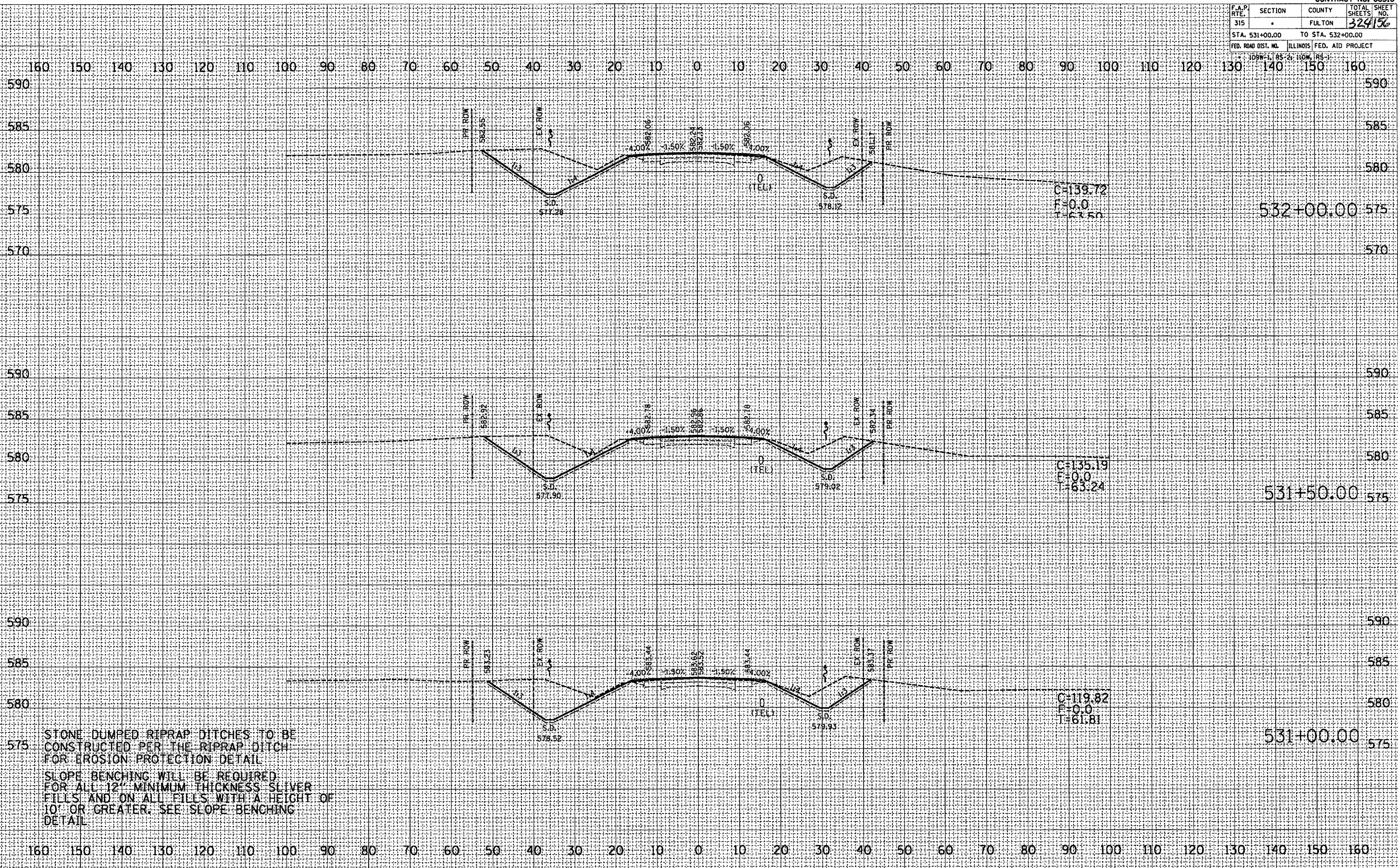
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 FILE NAME: c:\projects\136\136.dwg  
 PLOT SCALE: 1/8" = 1'-0"  
 USER NAME: m...@...



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	156
STA. 531+00.00		TO STA. 532+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

1" = 10' HORIZ. 1" = 10' VERT.



DATE	BY

DATE	BY

PLOT DATE = 9/25/2007  
 FILE NAME = c:\pwork\88518\88518.dwg  
 USER NAME = mchambers

STONE DUMPED RIPRAP DITCHES TO BE  
 CONSTRUCTED PER THE RIPRAP DITCH  
 FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED  
 FOR ALL 12" MINIMUM THICKNESS SLIVER  
 FILLS AND ON ALL FILLS WITH A HEIGHT OF  
 10' OR GREATER. SEE SLOPE BENCHING  
 DETAIL

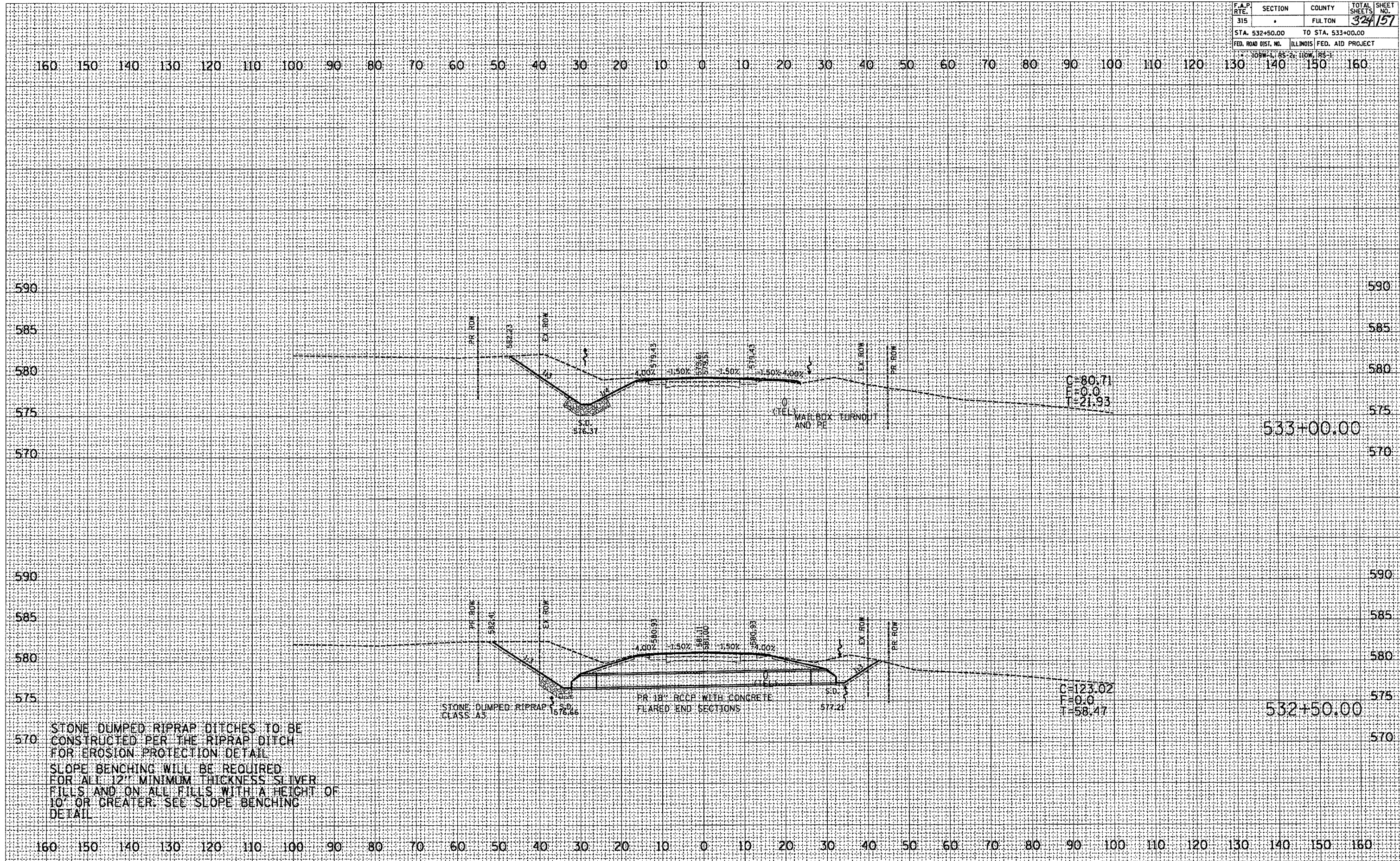


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
315	.	FULTON	324/157
STA. 532+50.00		TO STA. 533+00.00	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

FINISH SURVEY	DATE
REVIEWED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
REVIEWED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\88518\plan\88518.dwg  
 PLOT SCALE: 1" = 20.00'  
 USER NAME: j...



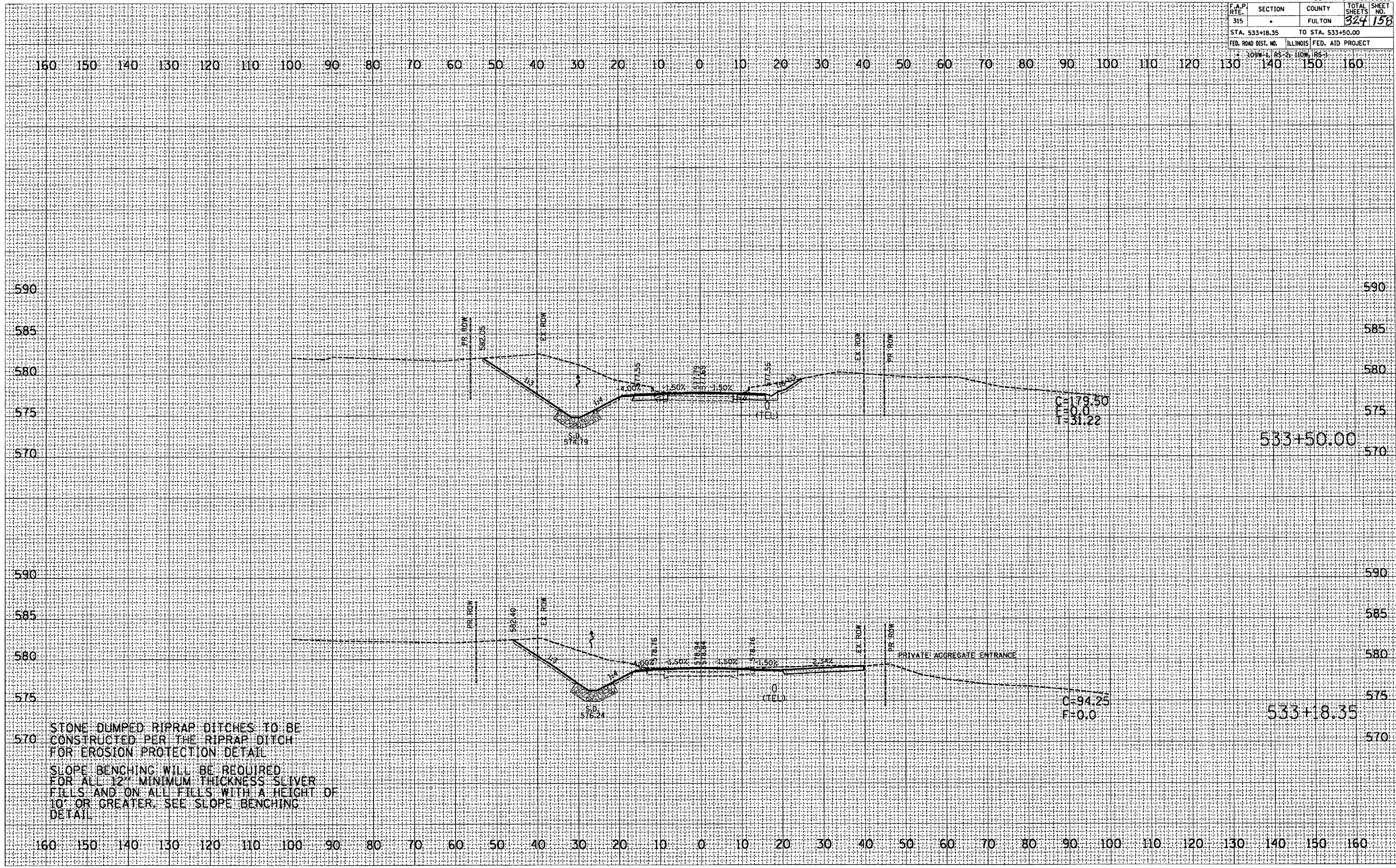
STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	158
STA. 533+18.35		TO STA. 533+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
NO. 10	
REVISIONS	BY
NO.	
DATE	
BY	
DATE	
BY	
DATE	

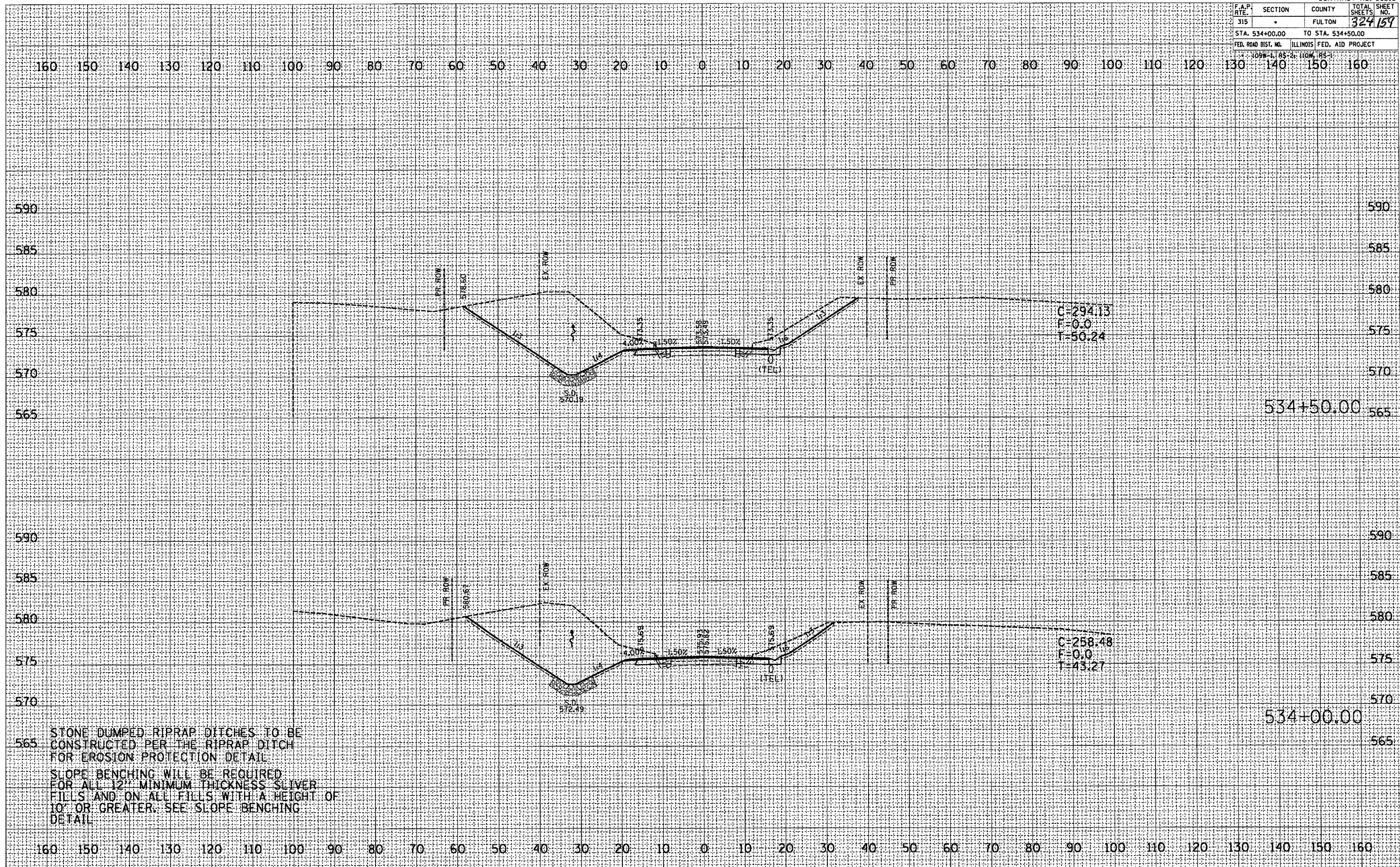
ORIGINAL SURVEY	DATE
NO. 10	
REVISIONS	BY
NO.	
DATE	
BY	
DATE	
BY	
DATE	

PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\138\sum\138sum\138sum.dwg  
 USER: jms  
 PLOTTER: HP DesignJet 2400



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
315		FULTON	324/157
STA. 534+00.00		TO STA. 534+50.00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
109W-1, 85-2, 110W, 185-1			



C=294.13  
F=0.0  
T=50.24

C=258.48  
F=0.0  
T=43.27

STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

DATE	BY

DATE	BY

PLOT DATE: 9/25/2007  
FILE NAME: c:\projects\136\136.dwg  
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DIB: [unreadable]







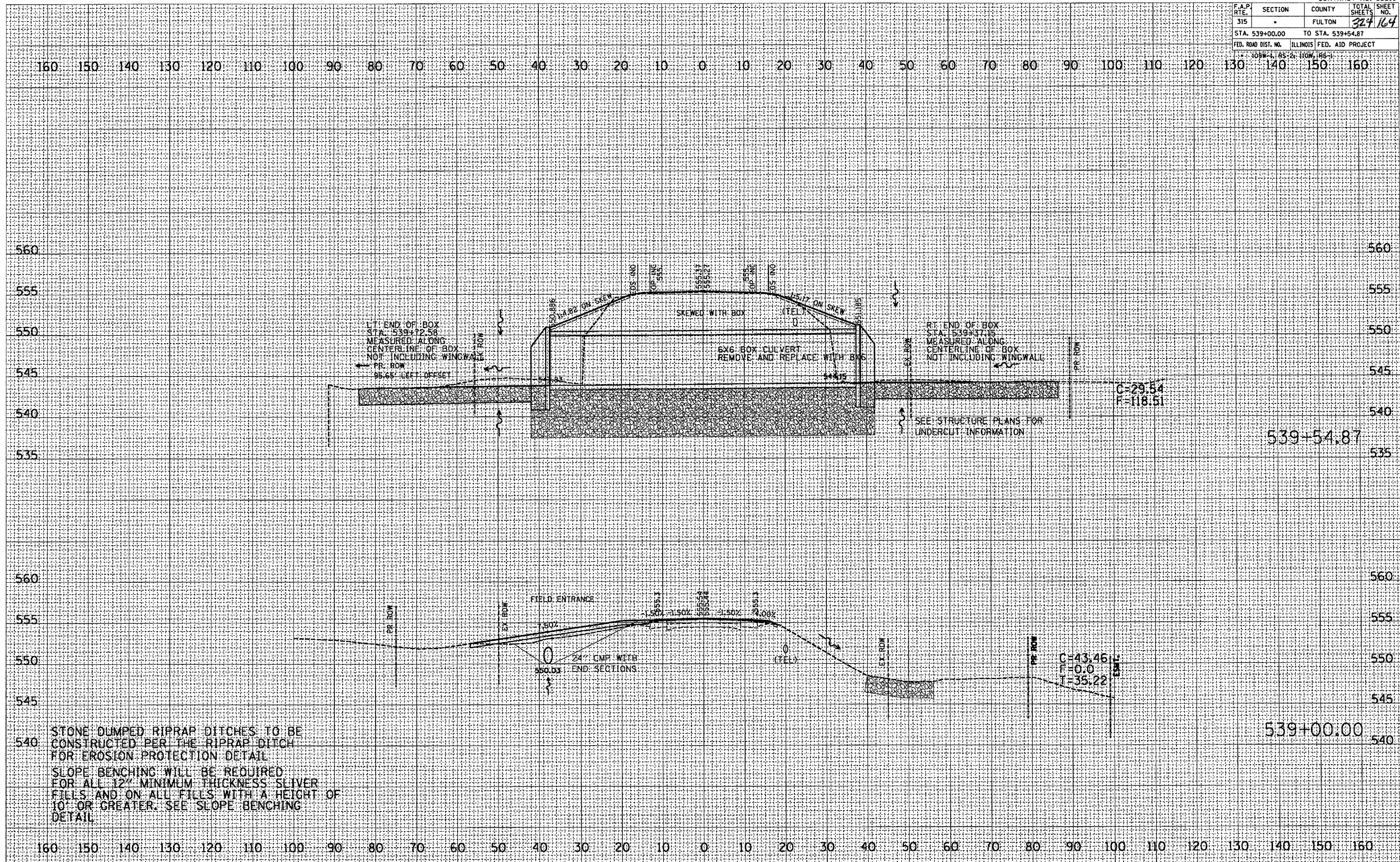


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	327	164
STA. 539+00.00		TO STA. 539+54.87		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
109W-1, 65-21, 110W, 188-1				

FINAL SURVEY	DATE
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

PLOT DATE: 4/26/2007  
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 USER NAME: m...



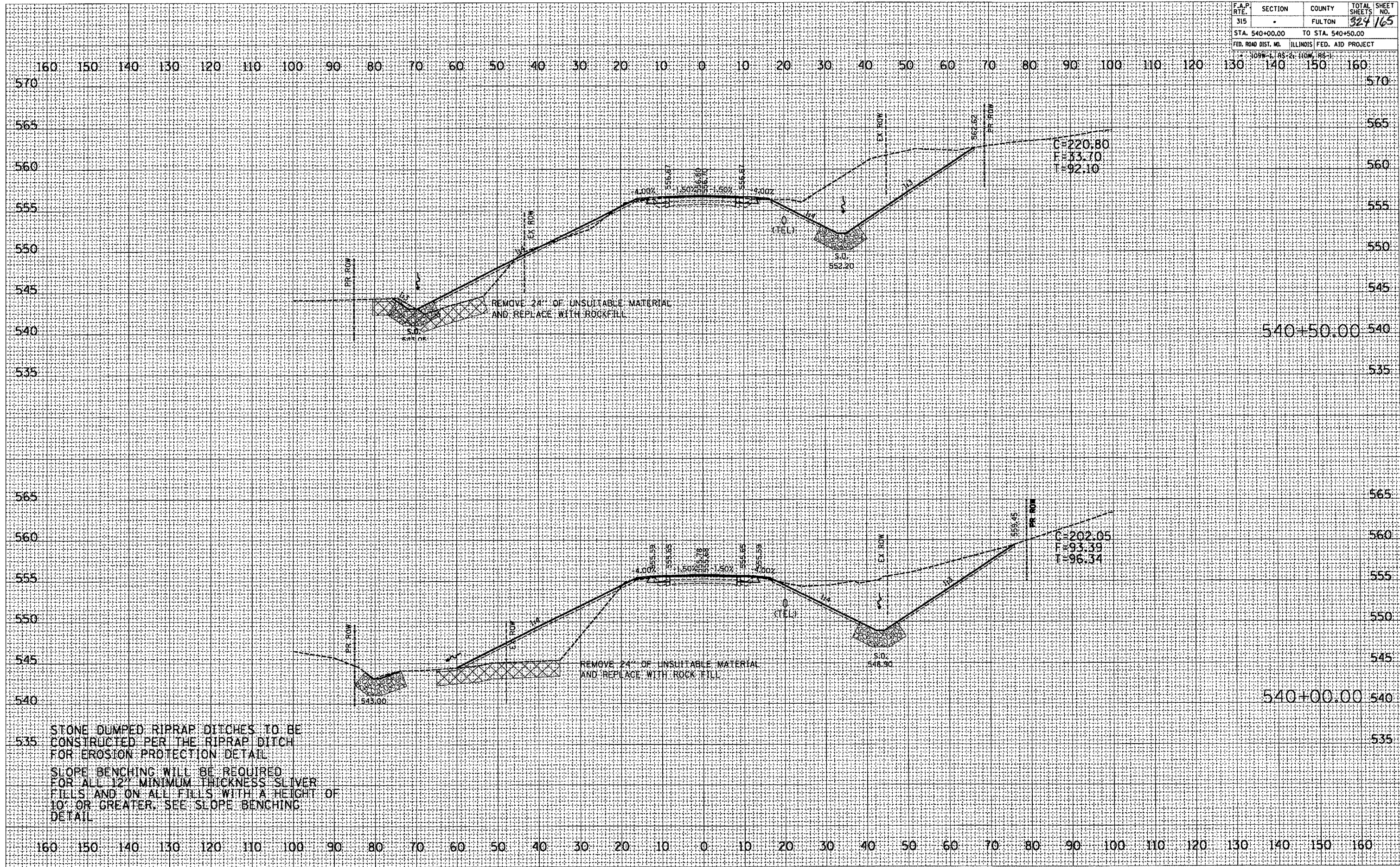
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C=43.46  
T=0.0  
I=35.22

STONE DUMPED RIPRAP DITCHES TO BE  
 CONSTRUCTED PER THE RIPRAP DITCH  
 FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED  
 FOR ALL 12" MINIMUM THICKNESS SLIVER  
 FILLS AND ON ALL FILLS WITH A HEIGHT OF  
 10' OR GREATER. SEE SLOPE BENCHING  
 DETAIL



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
315	-	FULTON	324/165
STA. 540+00.00		TO STA. 540+50.00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



DATE	BY
REVISIONS	
NO.	DESCRIPTION

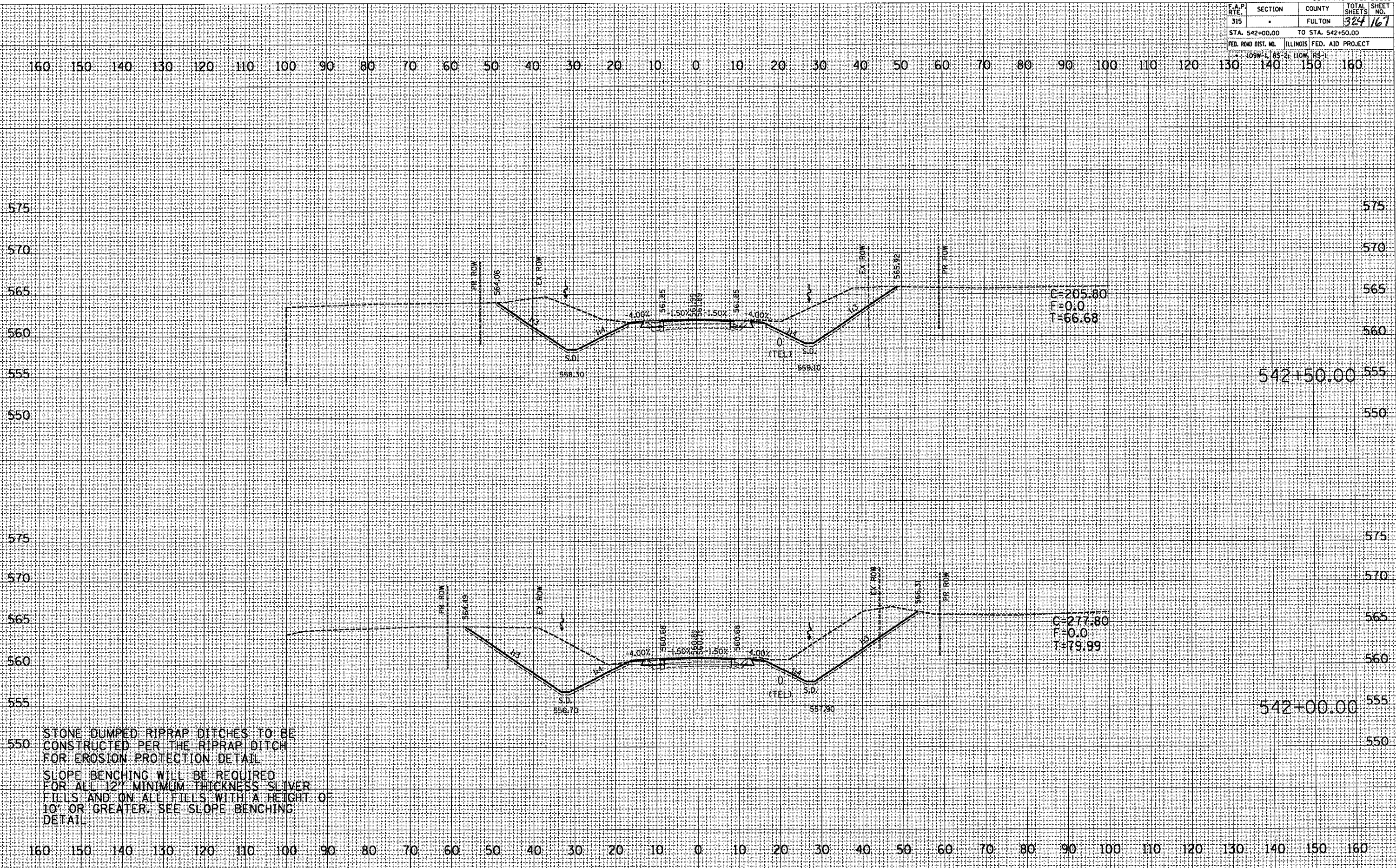
DATE	BY
REVISIONS	
NO.	DESCRIPTION

PLOT DATE: 9/20/2007  
 FILE NAME: c:\projects\88518\88518.dwg  
 PLOT SCALE: 1" = 20'  
 USER NAME: jacob@acem.com

STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	161
STA. 542+00.00		TO STA. 542+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE	
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REVISIONS	
NO.	
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REVISIONS	
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DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

PLOT DATE: 9/26/2007  
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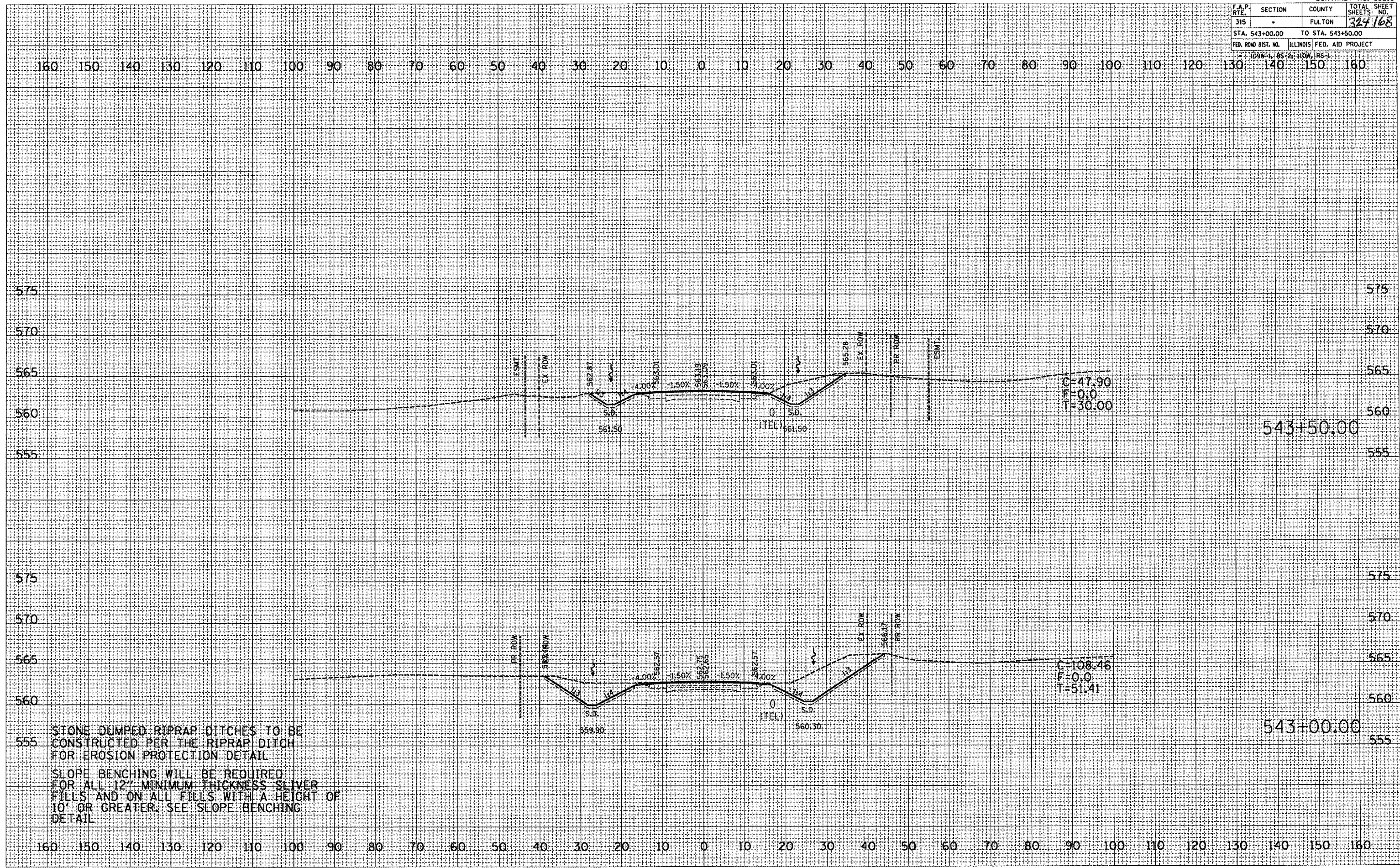
STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	168
STA. 543+00.00		TO STA. 543+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
JOB#-1, AS-2, 110W, 1R5-1				

FINAL SURVEY	DATE
REVISIONS	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

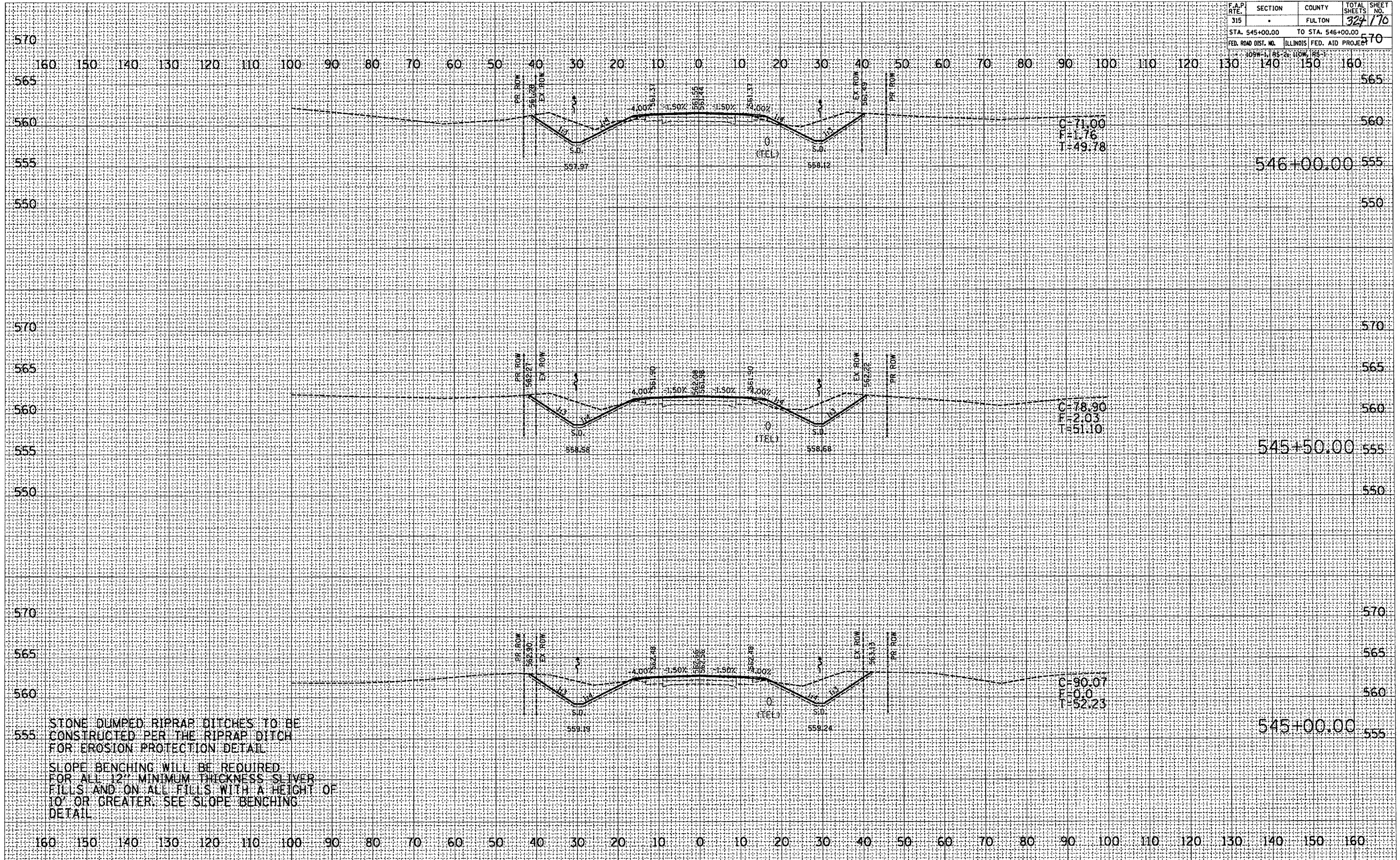
ORIGINAL SURVEY	DATE
REVISIONS	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

PLOT DATE = 9/25/2007  
 FILE NAME = c:\projects\val38\m\val38sh.dgn  
 PLOT SCALE = 21.672' / IN.  
 USER NAME = msharkey





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	170
STA. 545+00.00		TO STA. 546+00.00		570
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL.

SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

DATE	BY

DATE	BY

PLOT DATE = 9/25/2007  
 FILE NAME = C:\Users\jessica\OneDrive\Documents\88518\88518.dwg  
 USER = jessica



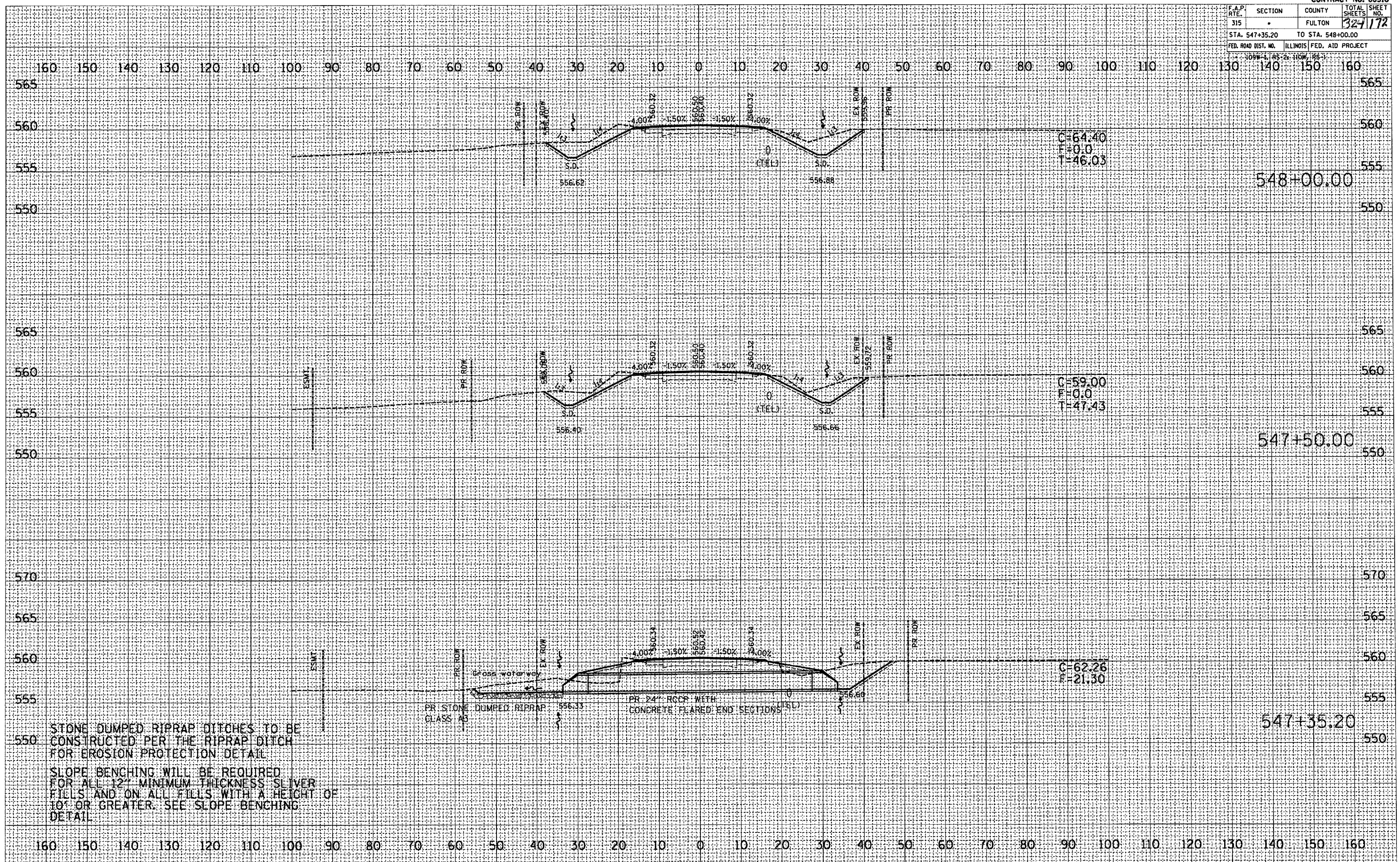
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	327	172
STA. 547+35.20		TO STA. 548+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

109W-1, 65-2, 110W, 185-1

DATE	BY

DATE	BY

PLOT DATE: 4/28/2007  
 FILE NAME: c:\projects\1038\run\1038ah.dwg  
 USER NAME: 1038ah



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL



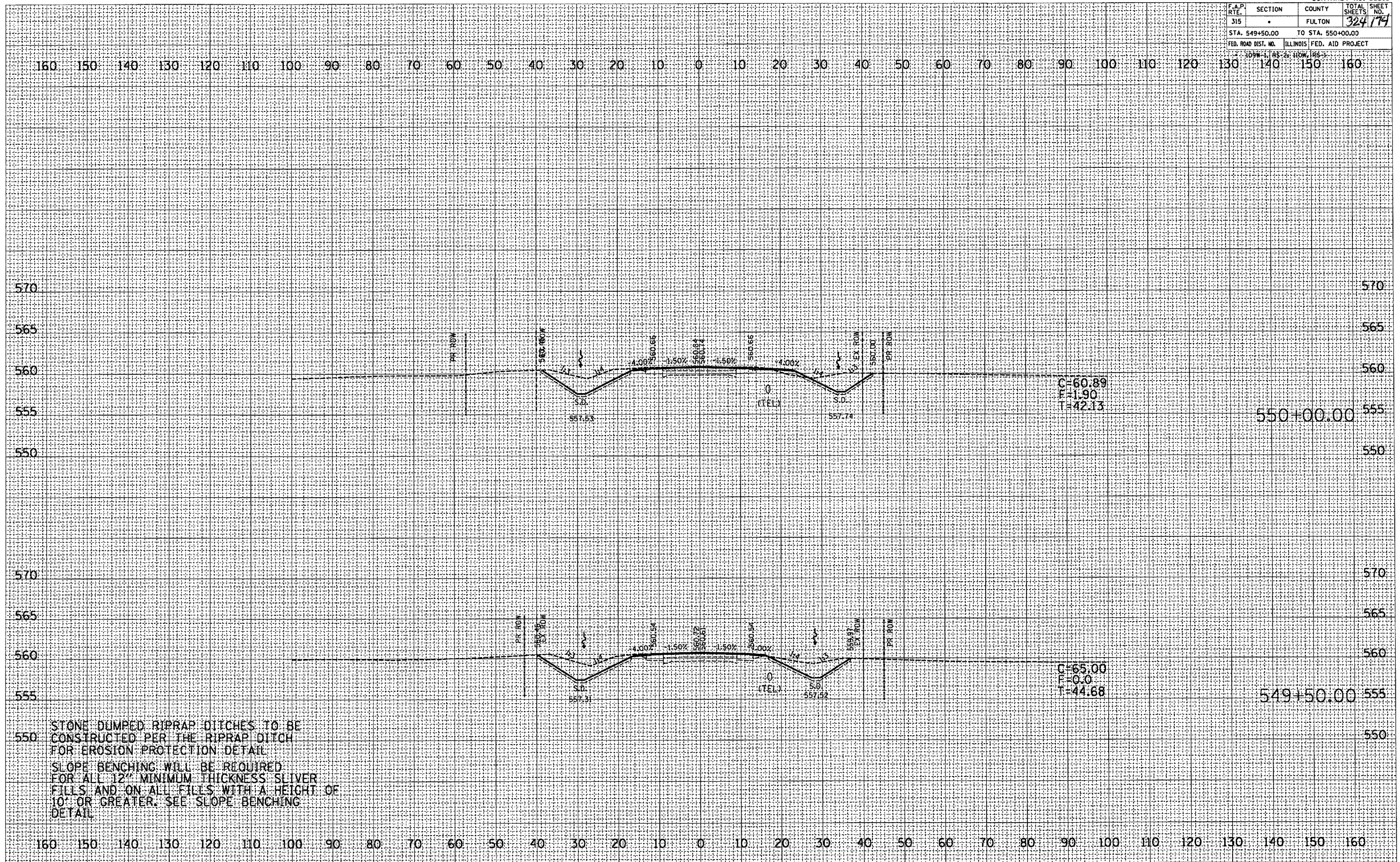


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	174
STA. 549+50.00		TO STA. 550+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	NO. _____
NO. _____	DATE _____
BY _____	DATE _____
NO. _____	DATE _____
NO. _____	DATE _____

ORIGINAL SURVEY	NO. _____
NO. _____	DATE _____
BY _____	DATE _____
NO. _____	DATE _____
NO. _____	DATE _____

PLOT DATE: 9/25/2007  
 FILE NAME: C:\Users\jrc\Documents\AutoCAD\88518\88518.dwg  
 USER: jrc



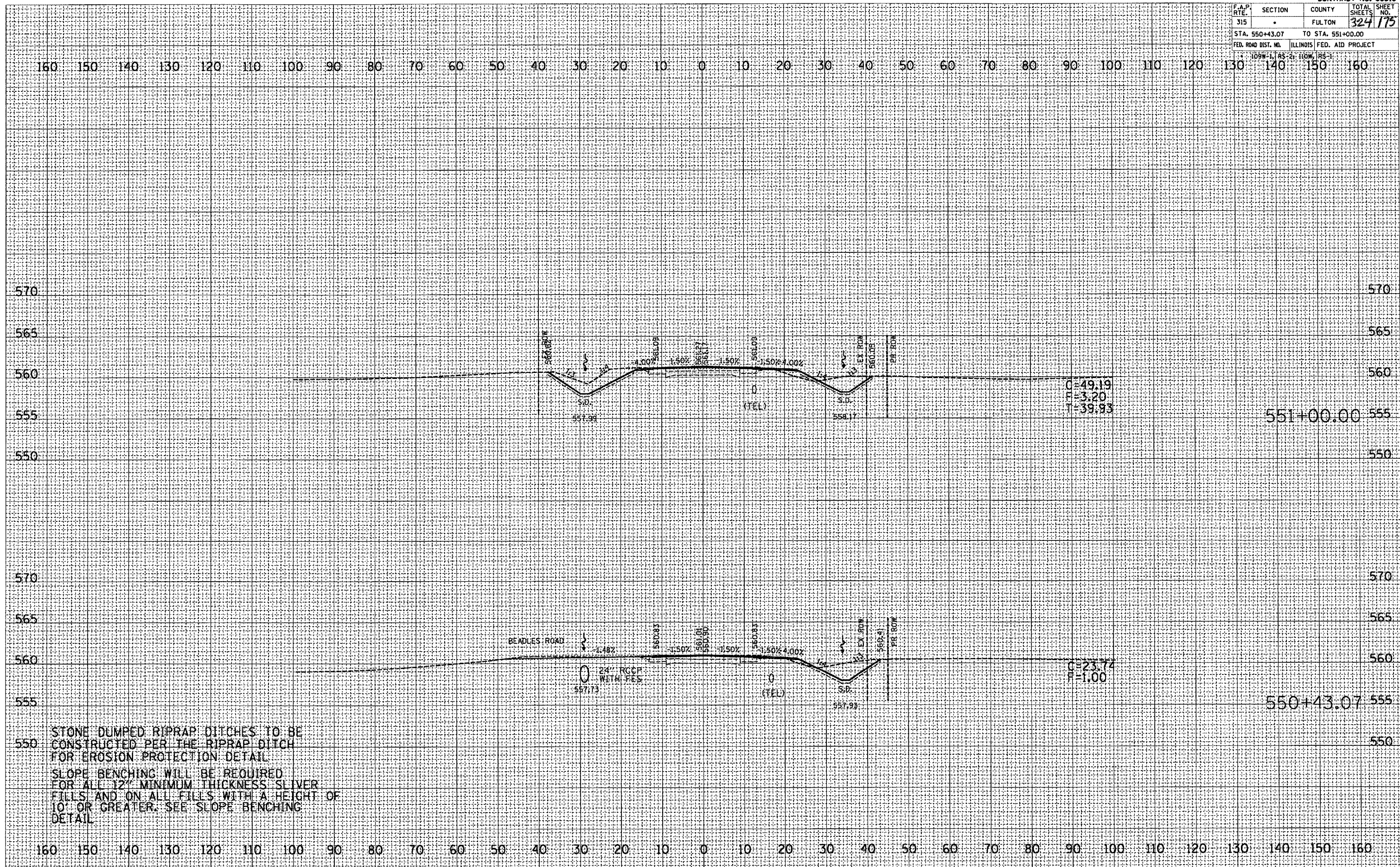
STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
315	-	FULTON	324
STA. 550+43.07 TO STA. 551+00.00			NO. 175
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

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

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

PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\un138aun\un138aun.dwg  
 USER NAME: j...  
 USER NAME: j...



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	322	177
STA. 553+00.00		TO STA. 554+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
JOB NO. 1, 85-2; 110W, 185-1				

DATE	BY

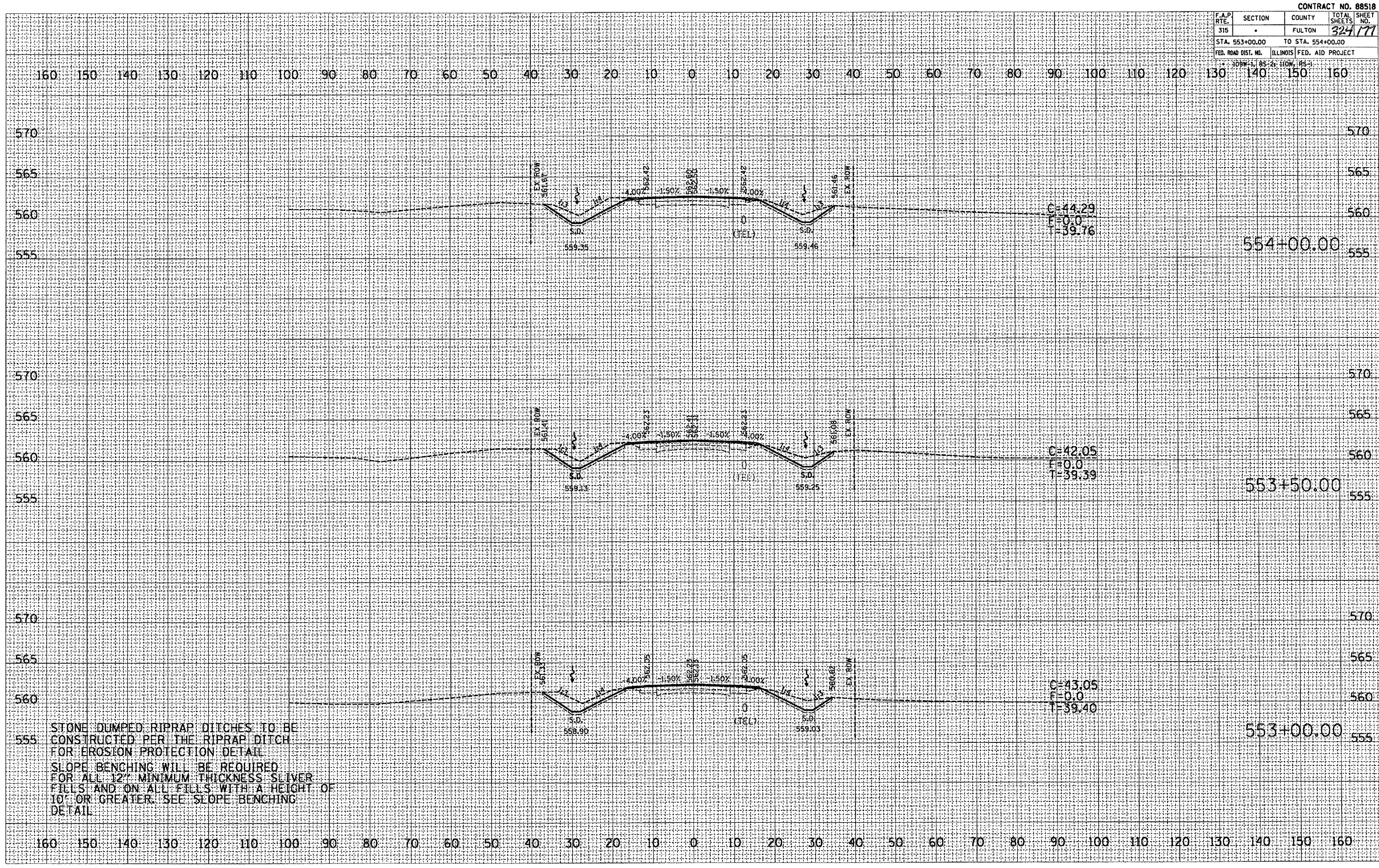
NO.	AREAS CHECKED

DATE	BY

NO.	AREAS CHECKED

PLOT DATE: 9/25/2007  
 FILE NAME: d:\projects\110w\110w185\110w185.dwg  
 PLOT SCALE: 21.8752 / 1" = 100'-0"  
 USER NAME: p...



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	178
STA. 554+50.00		TO STA. 555+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY

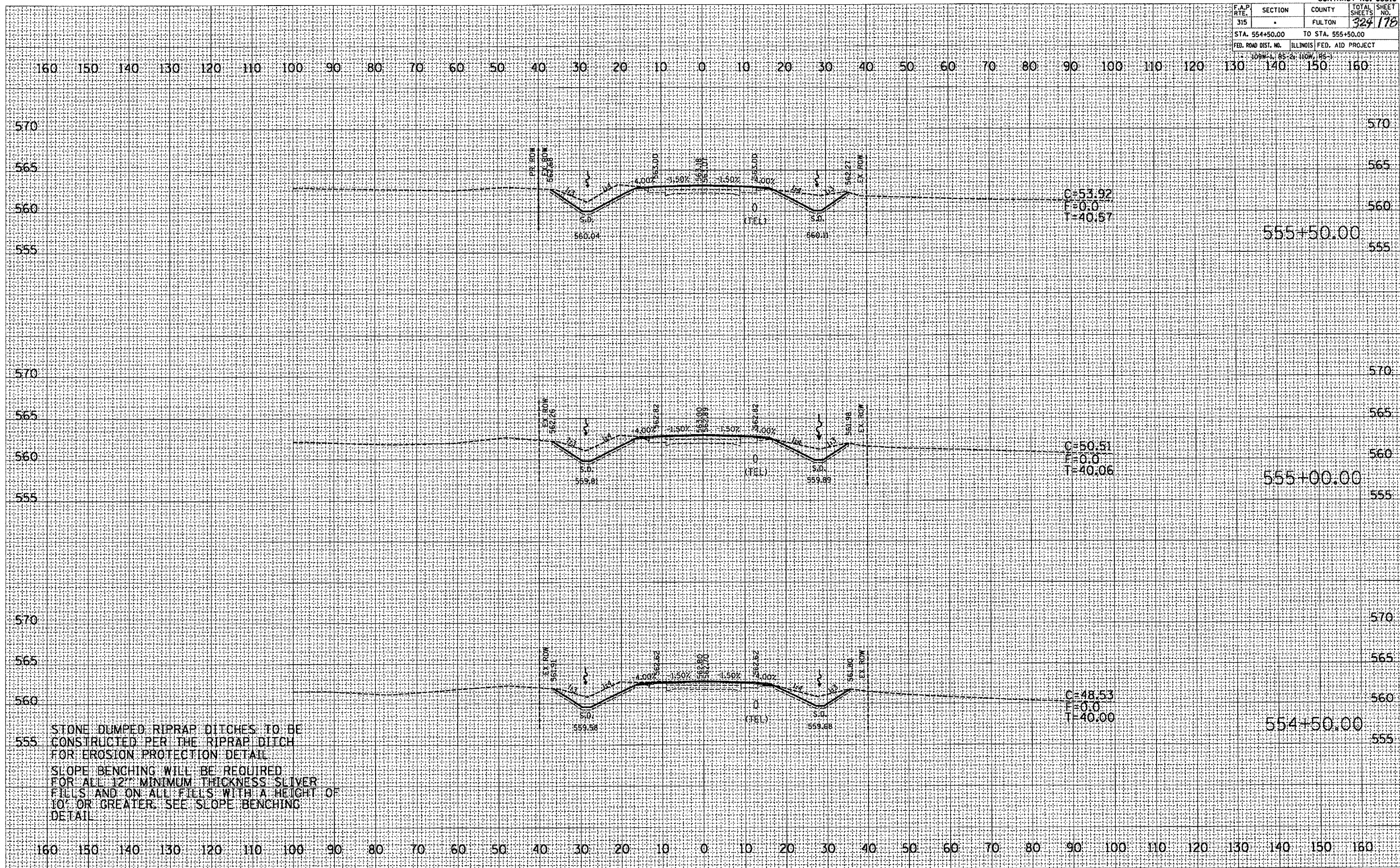
NO.	AREAS CHECKED

DATE	BY

NO.	AREAS CHECKED

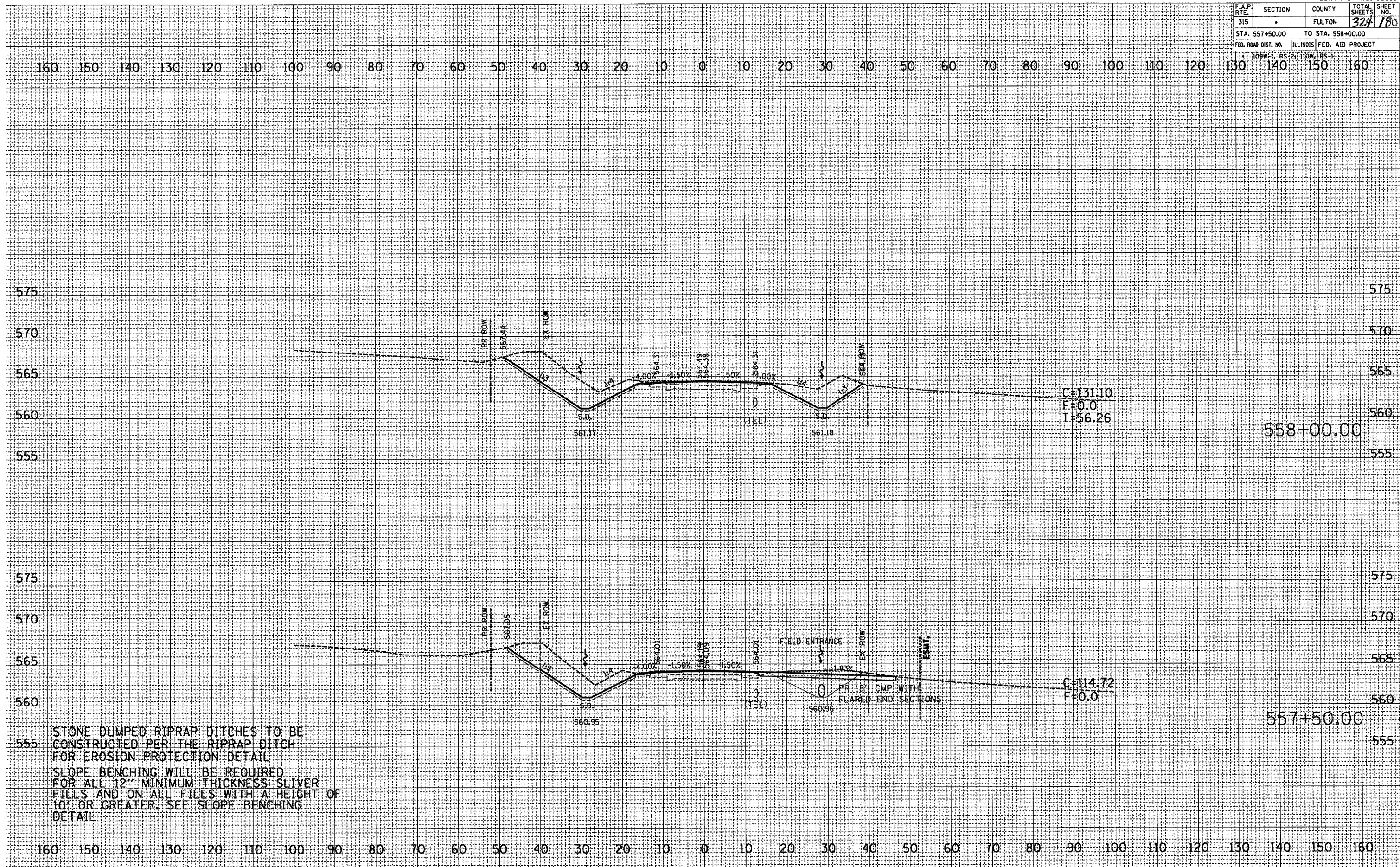
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 USER: jh  
 USER NAME: jh



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	180
STA. 557+50.00		TO STA. 558+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
109W-1, RS-2, 110W, RS-1				



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

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

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

PLOT DATE: 9/25/2007  
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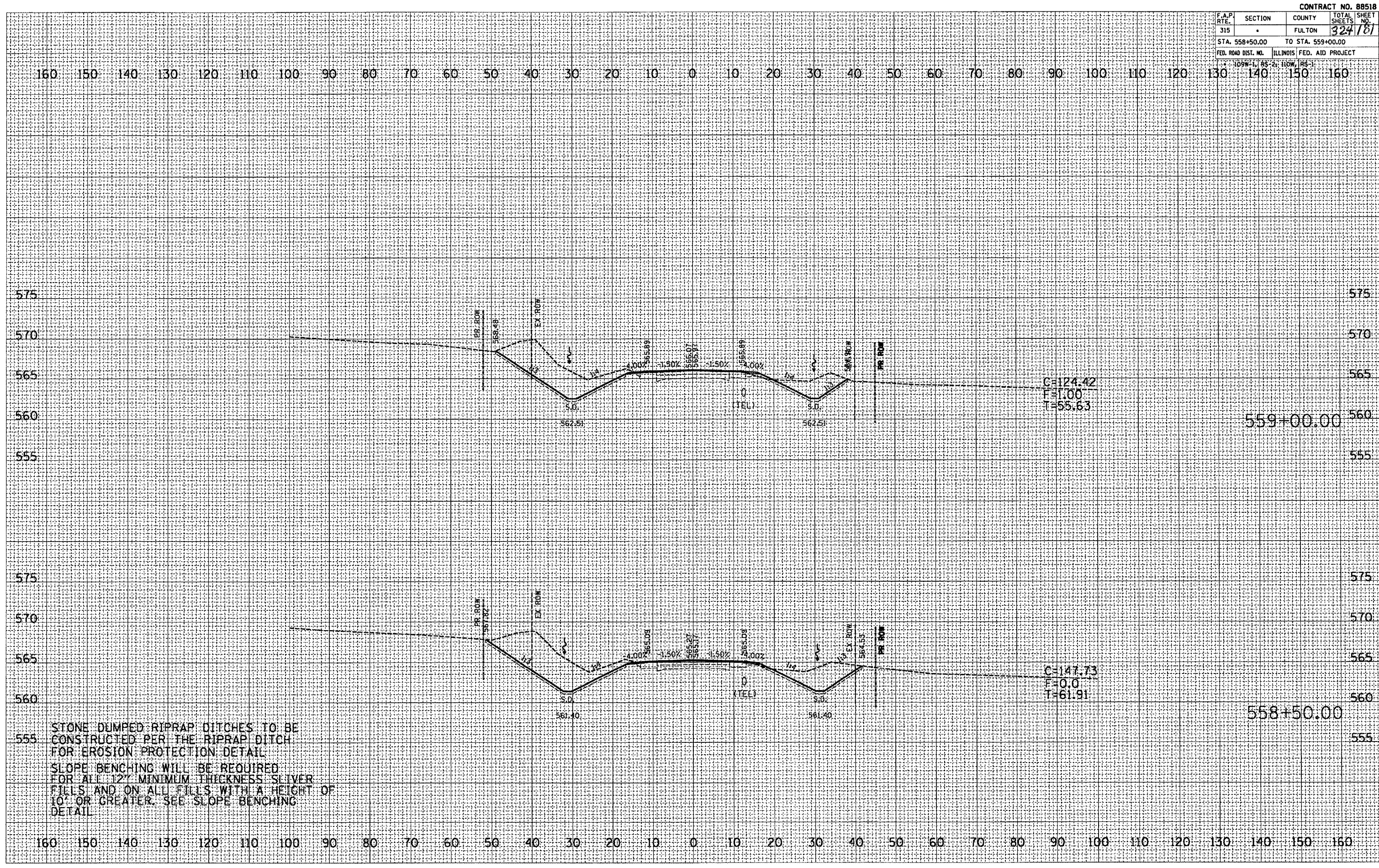


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	181
STA. 558+50.00		TO STA. 559+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
109W-1, 85-2; 110W, 18-1				

FINAL SURVEY	DATE
REVISIONS	BY
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
REVISIONS	BY
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

PLOT DATE: 9/25/2007  
 FILE NAME: c:\p\projects\109w-1\109w-1\181.dwg  
 PLOT SCALE: 21.875' / 1" = 100'  
 USER NAME: m...@...com

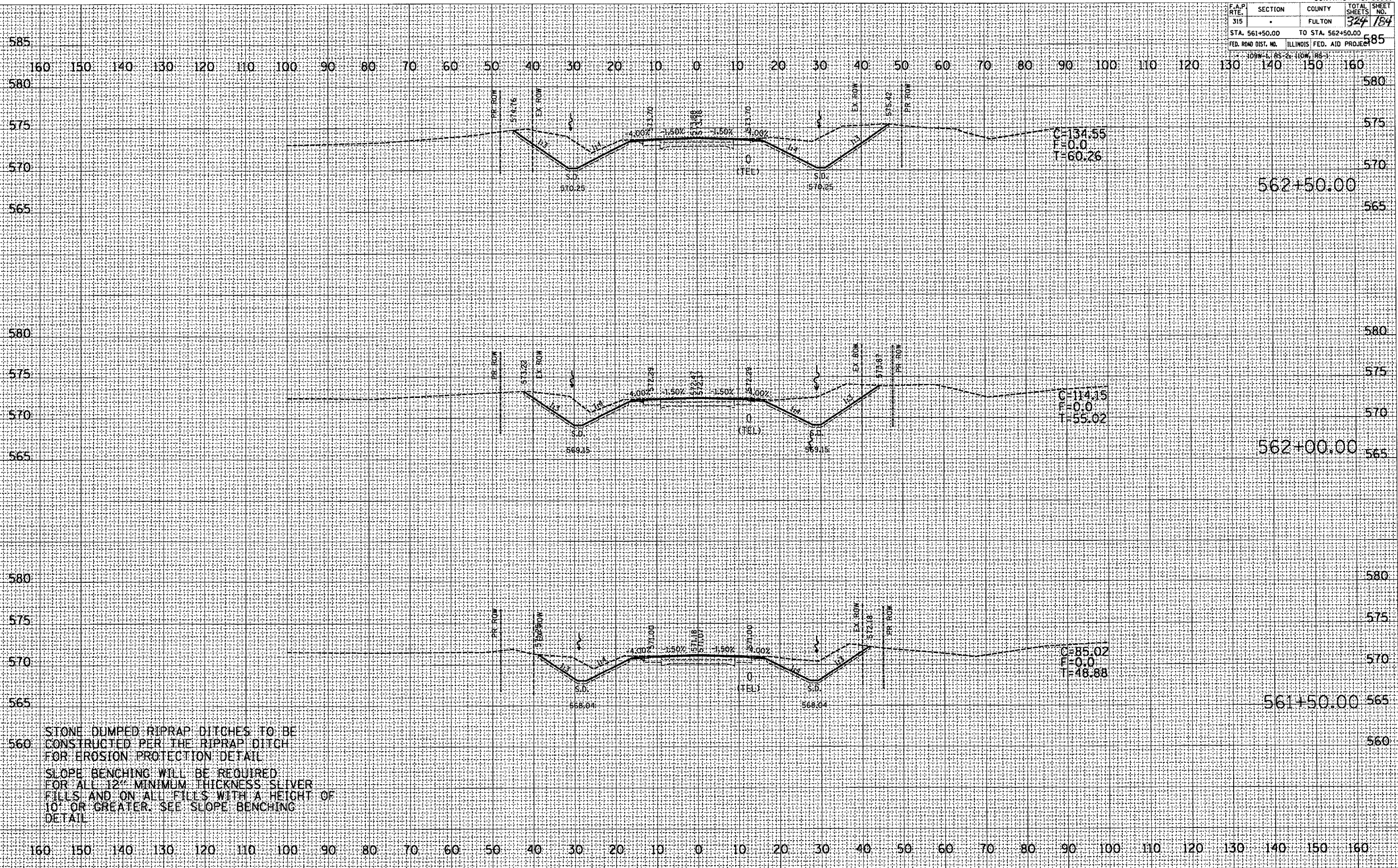


STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	184
STA. 561+50.00		TO STA. 562+50.00		585
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

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

PLOT DATE \* 5/25/2007  
 FILE NAME \* s:\projects\138\138.dwg  
 PLOT SCALE \* 1/8" = 1'-0"  
 USER NAME \* mshindor

STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL



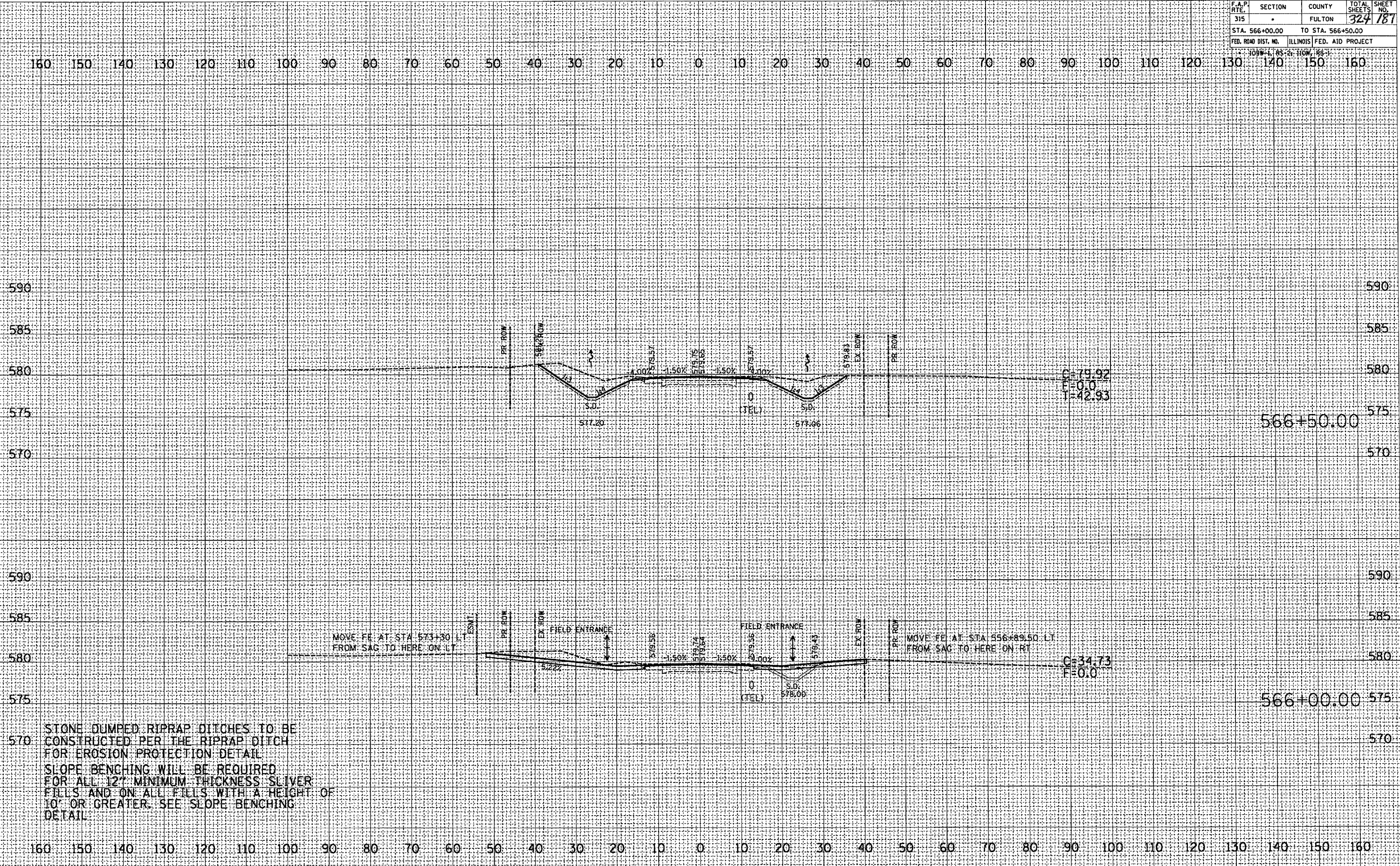


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	187
STA. 566+00.00		TO STA. 566+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
REVIEWED	
DESIGNED	
PLANNED	
NOTED	
AREA CHECKED	
NO.	

DATE	
BY	
REVIEWED	
DESIGNED	
PLANNED	
NOTED	
AREA CHECKED	
NO.	

PLOT DATE: 9/25/2007  
 FILE NAME: c:\projects\136\136.dwg  
 PLOT SCALE: 1" = 40'  
 USER NAME: msharda



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.



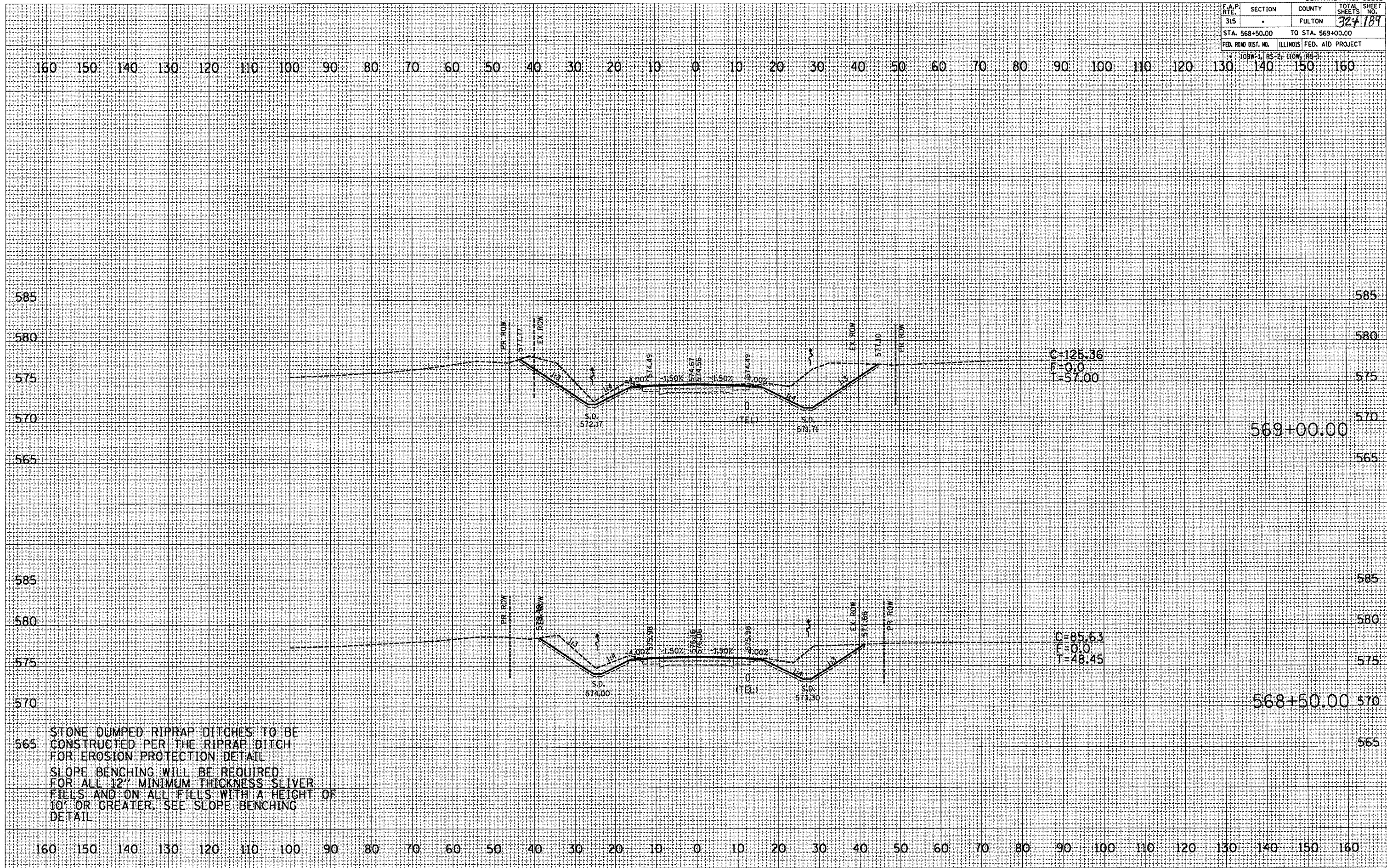


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	189
STA. 568+50.00		TO STA. 569+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY

DATE	BY

PLOT DATE: 4/25/2007  
 FILE NAME: e:\projects\un18\un18a\un18a.dwg  
 USER: jmc  
 PLOT SCALE: 1"=40'  
 USER DATE: 4/25/2007



C=125.36  
 F=0.0  
 T=57.00

C=85.63  
 F=0.0  
 T=48.45

STONE DUMPED RIPRAP DITCHES TO BE  
 CONSTRUCTED PER THE RIPRAP DITCH  
 FOR EROSION PROTECTION DETAIL  
 SLOPE BENCHING WILL BE REQUIRED  
 FOR ALL 12" MINIMUM THICKNESS SLIVER  
 FILLS AND ON ALL FILLS WITH A HEIGHT OF  
 10' OR GREATER. SEE SLOPE BENCHING  
 DETAIL

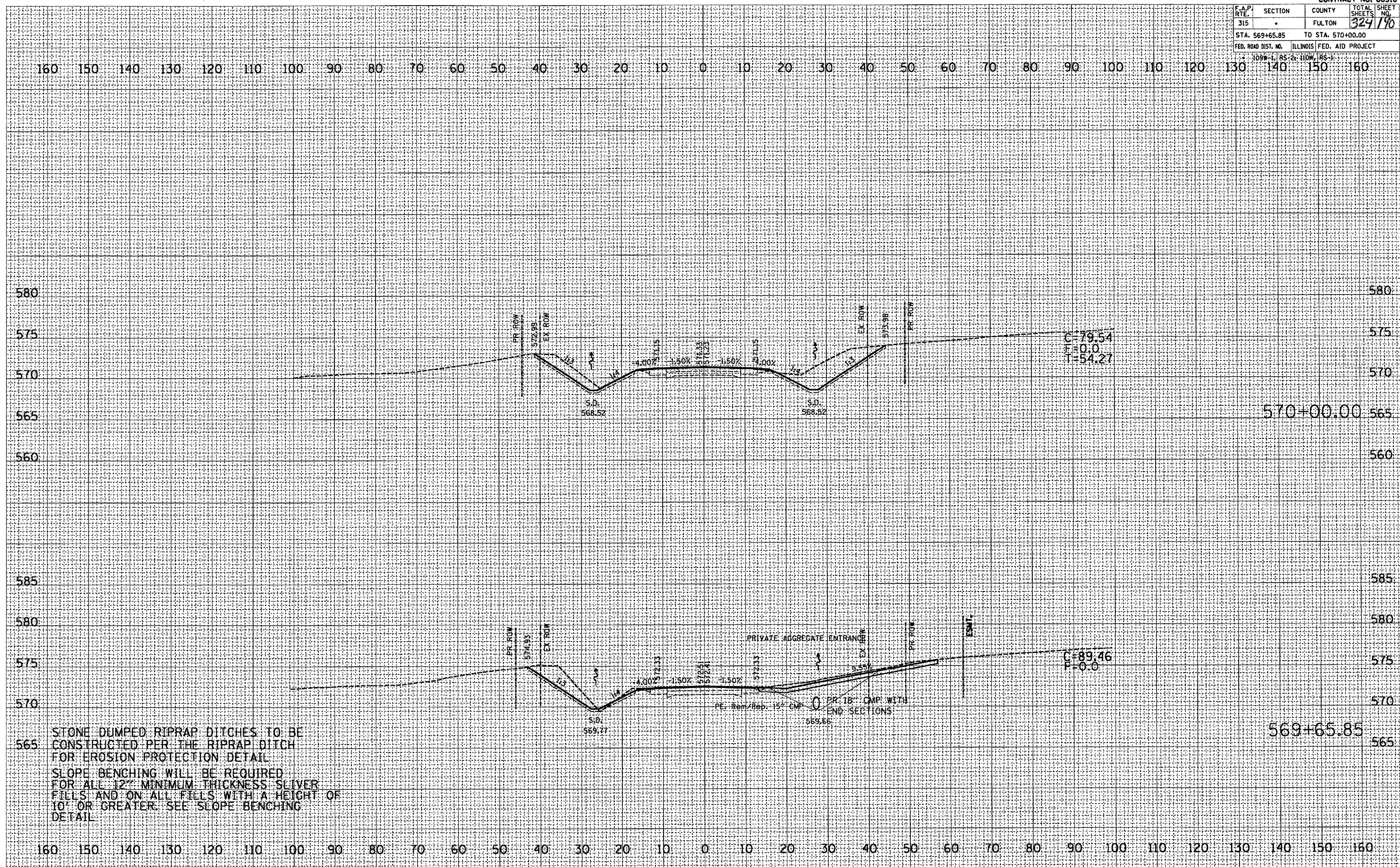
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	170
STA. 569+65.85		TO STA. 570+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

JOBW-1, RS-2, H10W, H5-1

FINAL SURVEY	DATE
REVISIONS	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
REVISIONS	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

PLOT DATE: 9/25/2007  
 FILE NAME: c:\puro\puro\136\un136\un136ah.dwg  
 PLOT SCALE: 1"=20'  
 USER NAME: msharada



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.

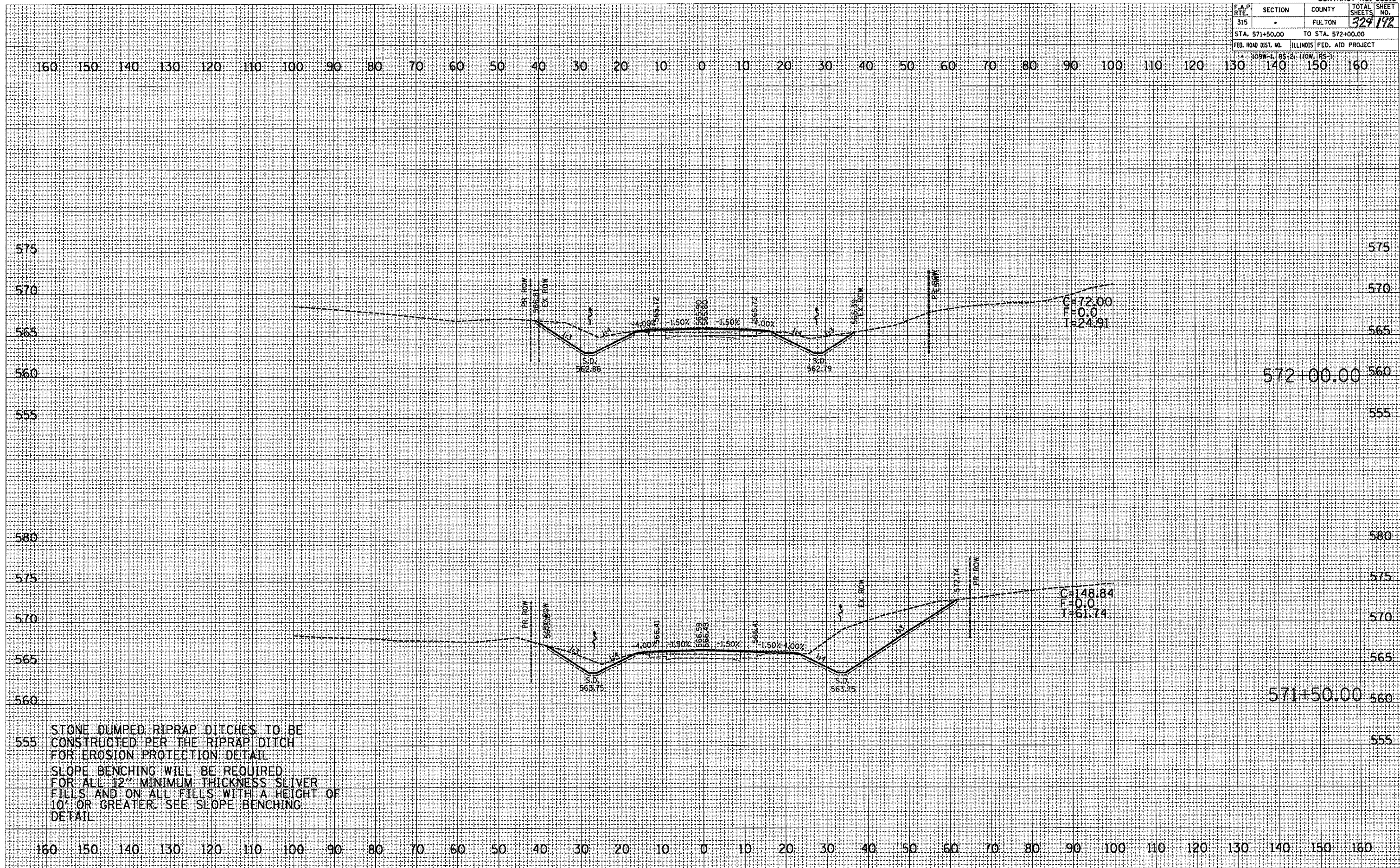


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
315		FULTON	329/192
STA. 571+50.00		TO STA. 572+00.00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

DATE	BY

DATE	BY

PLOT DATE: 9/28/2007  
 FILE NAME: c:\projects\138\sum\138ah\138ah.dwg  
 LOT NAME: 21632 / IL  
 USER NAME: mshiner-06



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.



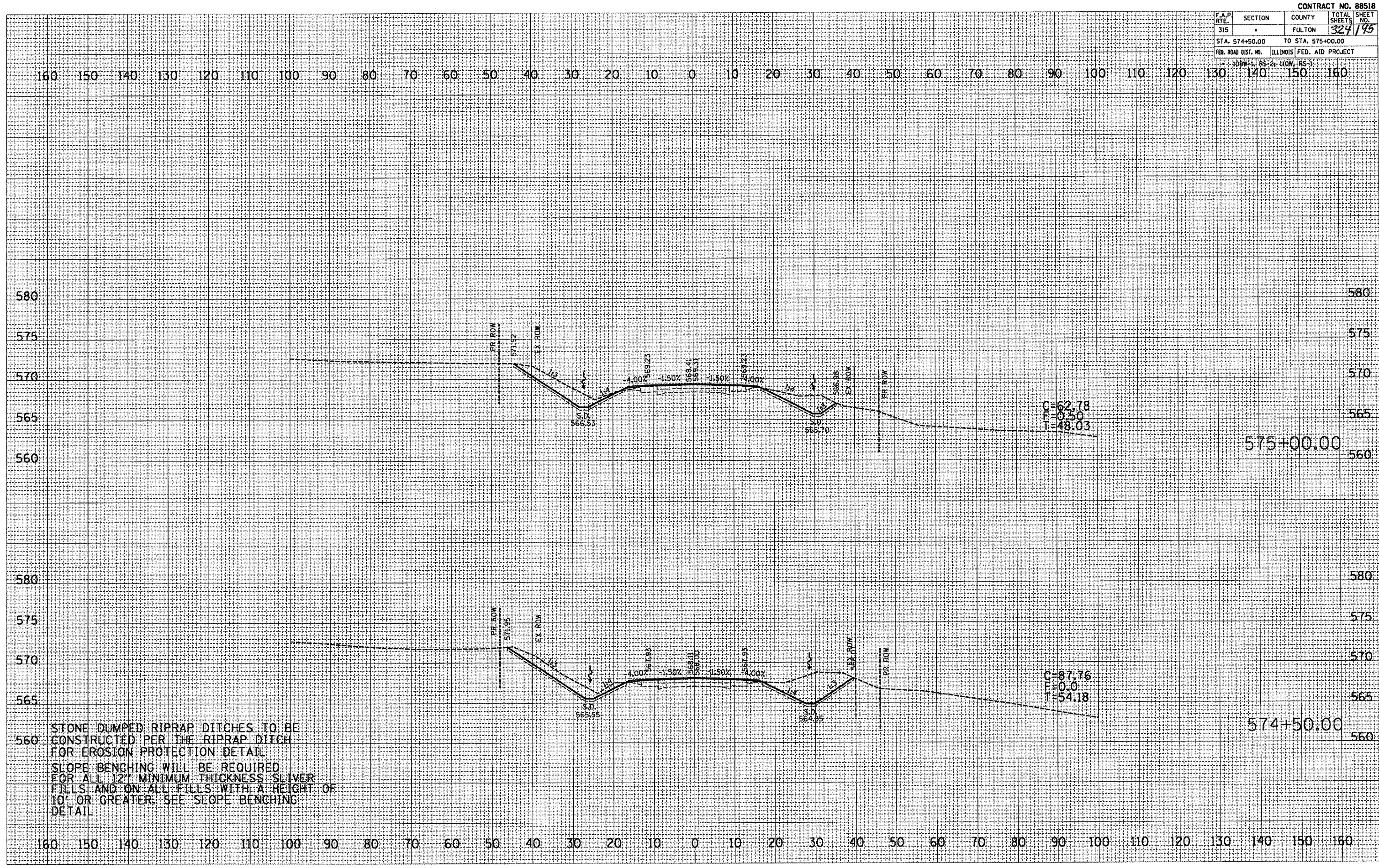


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	195
STA. 574+50.00		TO STA. 575+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
NO. _____	_____
BY _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____

ORIGINAL SURVEY	DATE
NO. _____	_____
BY _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____

PLOT DATE : 9/25/2007  
 FILE NAME : c:\projects\aut\315\aut\315.dwg  
 PLOT SCALE : 24.372 / IN.  
 USER NAME : mshaharide



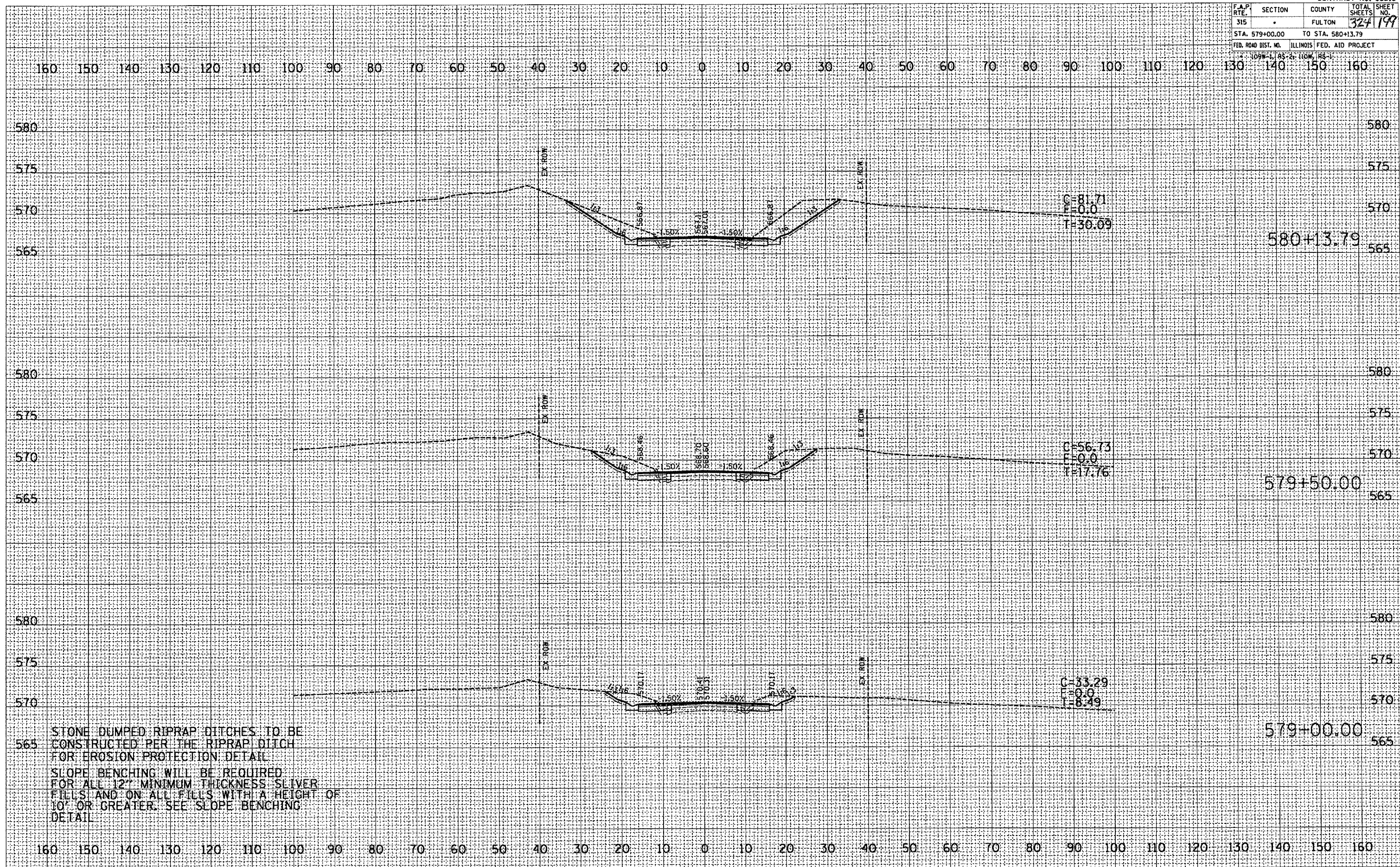








F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	327	199
STA. 579+00.00		TO STA. 580+13.79		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION. DETAIL SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL

FINISHED	DATE
SURVEY	BY
NOTE BOOK	
AREAS CHECKED	

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	
AREAS CHECKED	

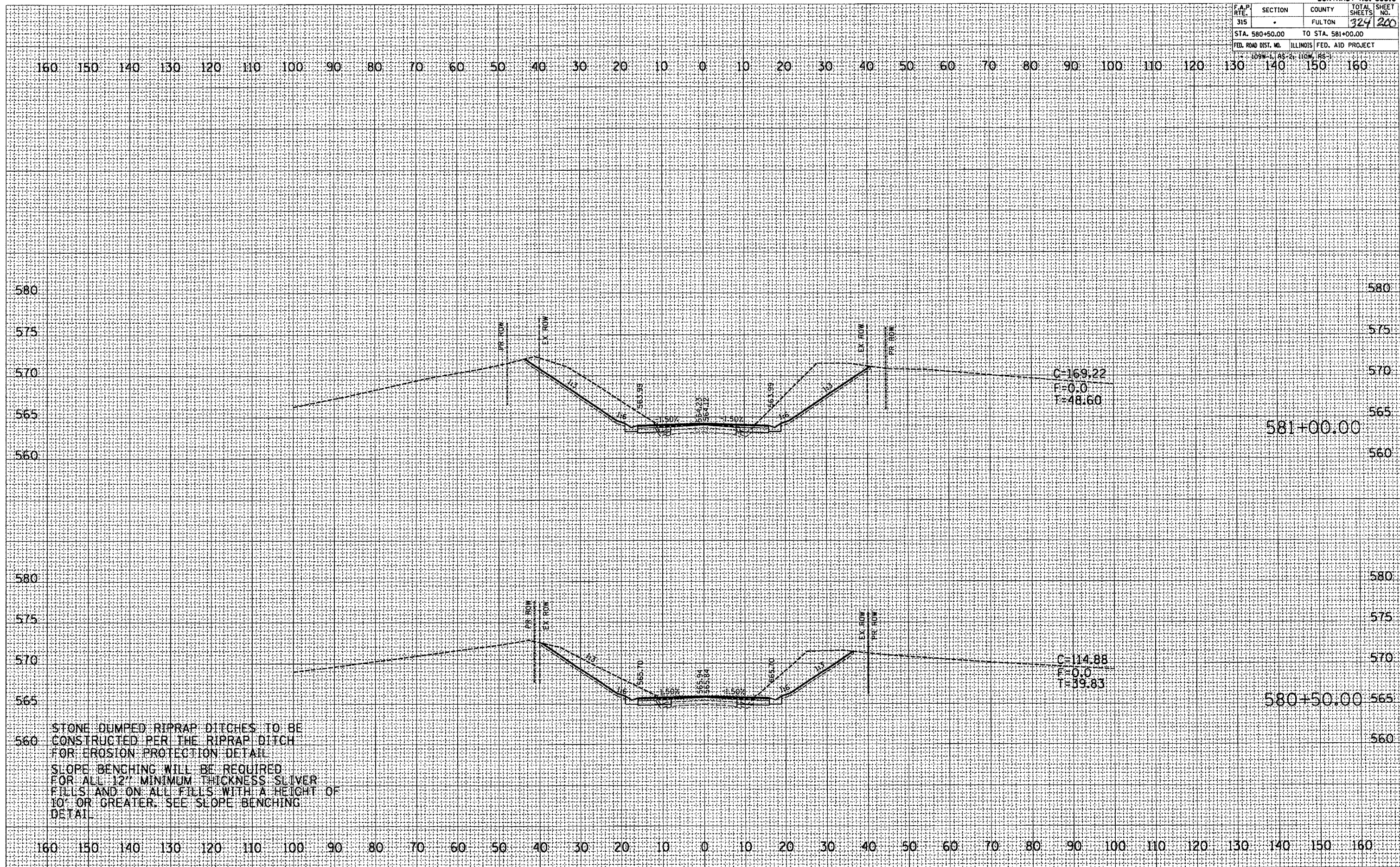
PLOT DATE: 4/25/2007  
 FILE NAME: c:\projects\1038\1038.dwg  
 PLOT SCALE: 1/8" = 1'-0"  
 USER: jmc

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	200
STA. 580+50.00		TO STA. 581+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	DATE
NO. _____	BY _____
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
NO. _____	BY _____
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

PLOT DATE = 9/25/2007  
 FILE NAME = c:\projects\1138\1138.dwg  
 PLOT SCALE = 21.872 / 1"  
 USER NAME = jacob@csd.com



STONE DUMPED RIPRAP DITCHES TO BE CONSTRUCTED PER THE RIPRAP DITCH FOR EROSION PROTECTION DETAIL. SLOPE BENCHING WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS SLIVER FILLS AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER. SEE SLOPE BENCHING DETAIL.