

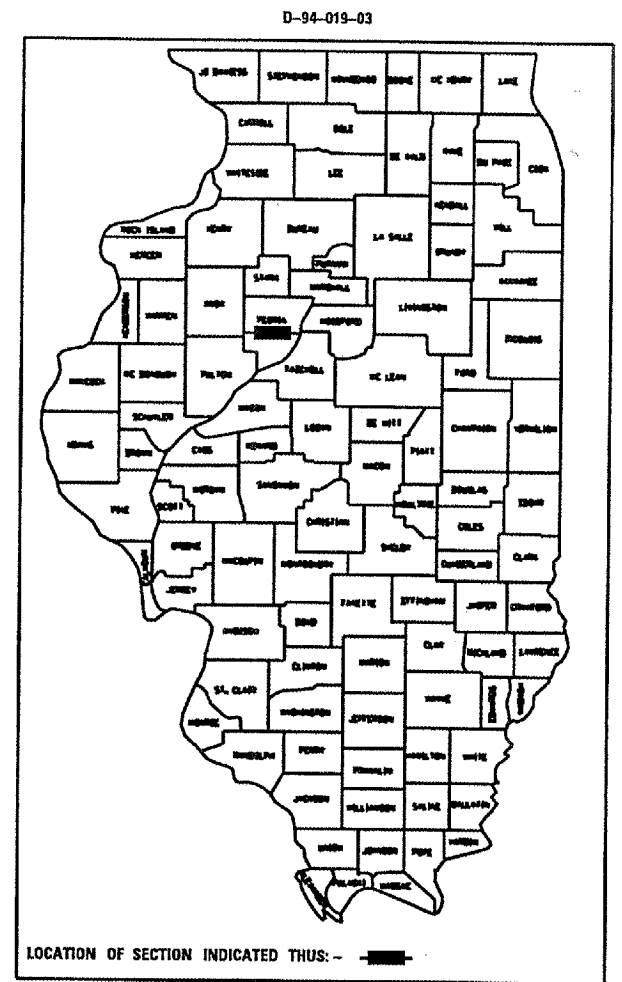
FALL RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	-	PEORIA	40	1
D4 BOX CULVERT EXT 2006			41	
			= 41	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAU ROUTE 6659 (FARMINGTON ROAD)  
SECTION D4 BOX CULVERT EXT 2006

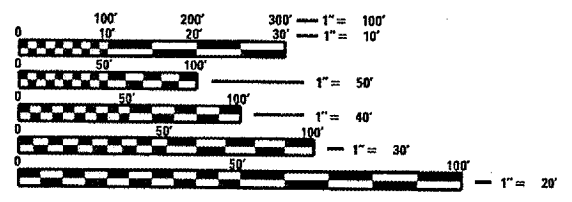
PEORIA COUNTY  
C-94-019-03



- INDEX OF SHEETS**
- 1 COVER SHEET
  - 2 COMMITMENTS, PLAN NOTES, EXCEPTIONS TO POLICY
  - 3★ GENERAL NOTES
  - 4 SUMMARY OF QUANTITIES
  - 5 TYPICAL SECTIONS
  - 6 - 7 SCHEDULES OF QUANTITIES
  - 8 EXISTING/REMOVAL PLAN SHEET
  - 9 PROPOSED PLAN SHEET
  - 10 PROP. R.O.W./EASE. PLAN SHEET
  - 11 TYPICAL APPLICATION OF SILT FILTER FENCE
  - 12 RIPRAP DITCH FOR EROSION PROTECTION
  - 13 - 14 PRECAST CONCRETE BOX CULVERTS (SPECIAL), END SECTION (SPECIAL), & DROP BOX END SECTIONS (SPECIAL)
  - 15 - 16 GUARDRAIL EROSION CONTROL TREATMENTS
  - 17 - 19 GUARDRAIL AND BARRIER WALL DELINEATION
  - 20 - 21 TYPICAL PAVEMENT MARKINGS
  - 22 COLLAR FOR BOX CULVERT EXTENSIONS DETAIL
  - 23 - 40 CROSS SECTIONS
  - ★3A- Status of Utilities  
HIGHWAY STANDARDS

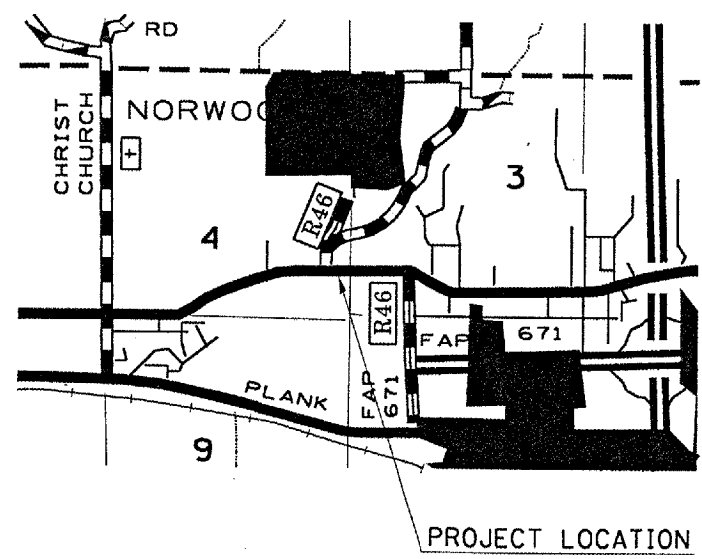
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- 482001 701201-02
- 630001-05701301-02
- 630301-03701306-01
- 631011-02 701311-02
- 635006-02702001-05
- 635011-01 780001-01
- 666001

ADT = 7000 (2002)  
MU = 0.7%  
SU = 3.6%



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

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



PROJECT DESCRIPTION  
BOX CULVERT EXTENSIONS,  
HEADWALLS, BITUMINOUS &  
AGGREGATE SHOULDERS,  
GUARDRAIL

PROJECT ENGR.: M. ADDIS 309671-3454

DESIGNER: P. CONOVER/J. KANTZ 309671-3477

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED DECEMBER 20 05  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

February 3, 2006  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

February 3, 2006  
*[Signature]*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
-04 BOX CULVERT EXT 2006				

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

EXCEPTIONS TO DESIGN POLICY

PLAN NOTES

The cost of removing the existing shoulder shoring Rt. Sta. 381+32 - 381+42 shall be included in the cost of the bituminous shoulder work.

PLOT DATE = 12/19/2006  
 PLOT SCALE = 1/8"=1'-0"  
 REFERENCE = #REF\*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**COMMITMENTS,  
 PLAN NOTES,  
 EXCEPTIONS TO POLICY**

SCALE: VERT. DATE  
 HORIZ. DATE

DRAWN BY  
 CHECKED BY



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	30	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

\*04 BOX CULVERT EXT 2006

## STATUS OF UTILITIES

SBC					
Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
FAU 6659	32' Lt.	380+60	Telephone Pole	Embankment	Relocate

Pleasant Valley Water District					
Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
FAU 6659	15' Rt. to 15' Rt.	379+00 to 382+00	6" Water Main	Guardrail	Caution
FAU 6659	14' Lt. to 22' Lt.	381+90	4" Water Main Crossing	Guardrail	Caution

Insight Communications					
Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
FAU 6659	28' Rt.	380+75	Aerial Cable TV	Embankment	Relocate
FAU 6659	28' Rt.	382+00	Aerial Cable TV	Guardrail	Relocate

AmerenCILCO					
Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
FAU 6659	28' Rt.	380+75	Power Pole	Embankment	Relocate
FAU 6659	28' Rt.	382+00	Power Pole	Guardrail	Relocate

AmerenCILCO					
Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
FAU 6659	45' Rt. to 45' Rt.	381+00 to 381+50	Gas Main	Culvert Extension	Relocate

PLOT DATE : 12/28/2006  
 PLOT SCALE : 1/8"=1'-0"  
 PLOT SCALE : 1/8"=1'-0"  
 REFERENCE : #REF#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

### STATUS OF UTILITIES

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY



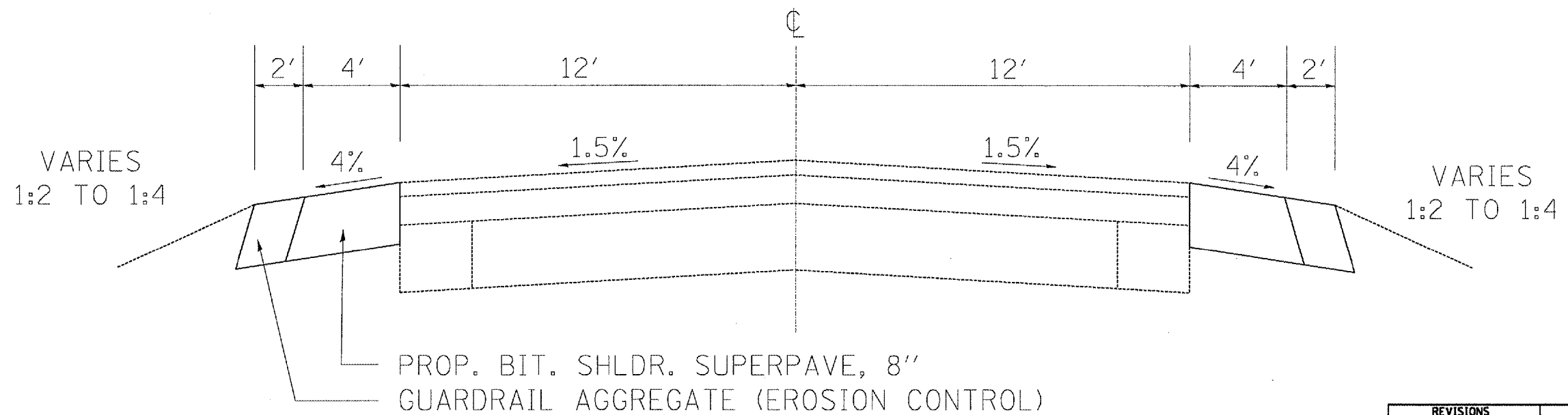
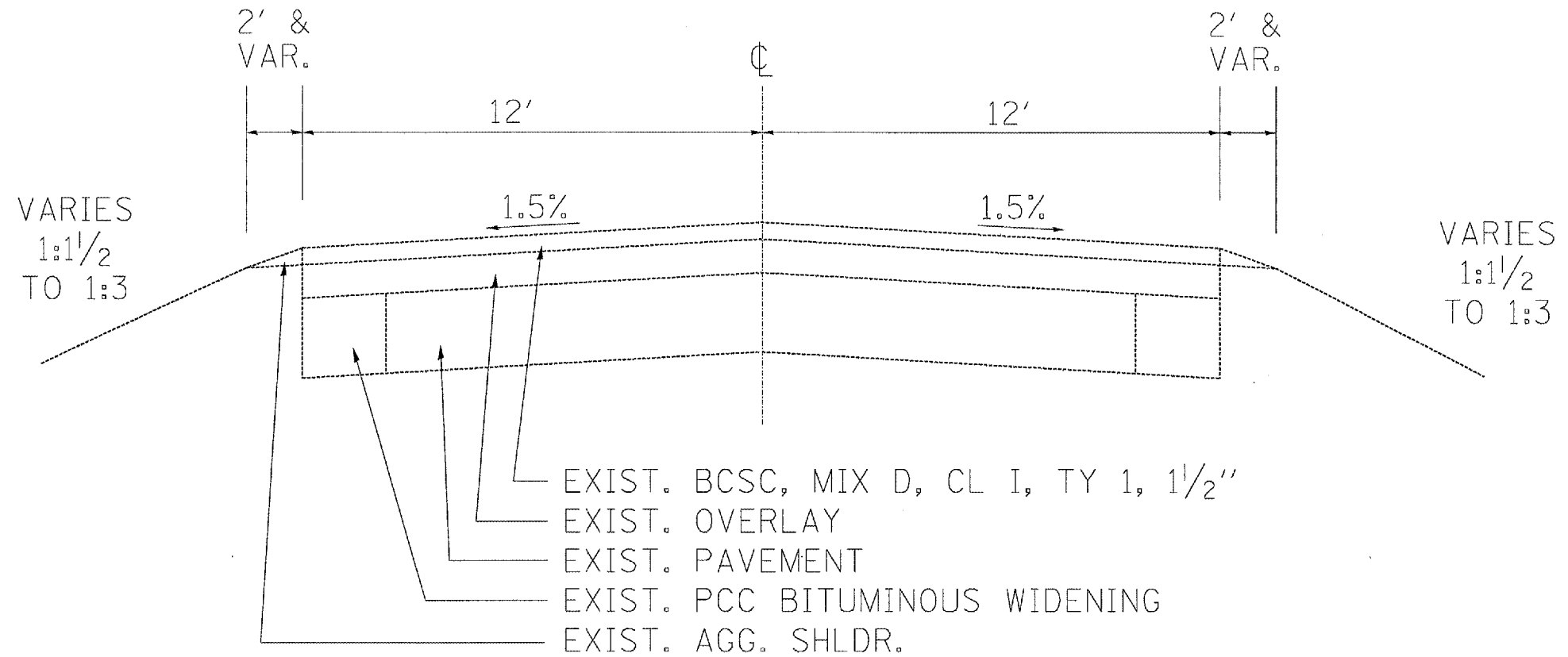
# SUMMARY OF QUANTITIES

F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	4
STA.		TO STA.		
FED. ROAD DIST. NO. 3	BLINDS	FED. AID PROJECT		
*04 BOX CULVERT EXT 2006				

SUMMARY OF QUANTITIES			Y007 TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT						
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	94					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	131					
20200100	EARTH EXCAVATION	CU YD	58					
20400800	FURNISHED EXCAVATION	CU YD	1024					
21101615	TOPSOIL FURNISH & PLACE, 4"	SQ YD	1041					
25000300	SEEDING, CLASS 3	ACRE	0.29					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27					
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	27					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27					
25002300	TEMPORARY SEEDING	ACRE	0.29					
25100630	EROSION CONTROL BLANKET	SQ YD	1041					
28000400	PERIMETER EROSION BARRIER	FOOT	96					
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	18					
28200200	FILTER FABRIC	SQ YD	27					
48101200	AGGREGATE SHOULDERS, TYPE B	TON	32					
48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"	SQ YD	132					
50102400	CONCRETE REMOVAL	CU YD	3					
50104400	CONCRETE HEADWALL REMOVAL	EACH	2					
50800105	REINFORCEMENT BARS	POUND	58					
54001000	BOX CULVERT END SECTIONS	EACH	2					
54010403	PRECAST CONCRETE BOX CULVERT 4' X 3'	FOOT	30					
*63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	463					
*63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4					
63200310	GUARDRAIL REMOVAL	FOOT	402					
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	8					
67100100	MOBILIZATION	L SUM	1					
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	666					
*78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	666					
78200405	GUARDRAIL MARKERS	EACH	9					
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4					
X0301512	GUARDRAIL AGGREGATE EROSION CONTROL	TON	92					
XX002909	CLASS SI CONCRETE	CU YD	0.82					

F.A.M. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659		PEORIA	40	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\*04 BOX CULVERT EXT 2006



PLOT DATE = 12/15/2006  
 PLOT NAME = I:\Projects\68325\Drawings\Typical\Typical.dwg  
 PLOT SCALE = 1/8"=1'-0"  
 REFERENCE = #REF#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

SCALE: VERT. NOT TO SCALE  
 HORIZ. DATE      DRAWN BY      CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

-04 BOX CULVERT EXT 2006

TREE REMOVAL (6 TO 15 UNITS DIA)	
LOCATION	UNITS
RIGHT SIDE	11
RIGHT SIDE	15
RIGHT SIDE	15
RIGHT SIDE	13
RIGHT SIDE	14
RIGHT SIDE	11
RIGHT SIDE	15
TOTAL	94

TREE REMOVAL (OVER 15 UNITS DIA)	
LOCATION	UNITS
RIGHT SIDE	18
RIGHT SIDE	18
RIGHT SIDE	18
LEFT SIDE	16
LEFT SIDE	43
LEFT SIDE	18
TOTAL	131

PERIMETER EROSION BARRIER	
LOCATION	FOOT
RT. STA. 381+45	48
LT. STA. 381+03	48
TOTAL	96

BITUMINOUS SHOULDERS SUPERPAVE		
LOCATION	SQ FT	TON
RT. STA. 378+93.28 - 381+55.46	1048.7	52.2
RT. STA. 381+55.46 - 381+91.20	122.7	6.1
LT. STA. 379+00 - 382+67.13	1468.5	73.1
TOTAL		131.4

APPLICATION RATE OF 112 LB/SQ YD/INCH

LOCATION	EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL FURNISH & PLACE 4"	SEEDING, CLASS 3	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	TEMPORARY SEEDING	EROSION CONTROL BLANKET
	CU YD	CU YD	SQ YD	ACRE	POUND	POUND	POUND	ACRE	SQ YD
RIGHT SIDE	23.2	533.5	486.1	0.14	12.6	12.6	12.6	0.14	486.1
LEFT SIDE	35	490.3	555.1	0.15	13.5	13.5	13.5	0.15	555.1
TOTAL	58.2	1023.8	1041.2	0.29	26.1	26.1	26.1	0.29	1041.2

LOCATION	STONE DUMPED RIPRAP, CLASS A4	FILTER FABRIC
	TON	SQ YD
RT STA 381+39.3 to 381+54.3	8.9	13.3
LT STA 381+02 to 381+17	8.9	13.3
TOTAL	17.8	26.6

AGGREGATE SHOULDERS TYPE B	
LOCATION	FOOT
RT STA 378+94 to 379+51	9.6
RT STA 382+12 to 381+38.5	6.8
LT STA 378+58 to 379+42	6.5
LT STA 382+77 to 382+17	8.4
TOTAL	31.3

	CONCRETE REMOVAL	CONCRETE HEADWALL REMOVAL	REINFORCEMENT BARS	BOX CULVERT END SECTIONS	PRECAST CONCRETE BOX CUVLERT 4'X3'	CLASS SI CONCRETE
LOCATION	CU YD	EACH	POUND	EACH	FOOT	CU YD
RT. STA. 381+27.34	1.3	1	29	1	18	0.41
LT. STA. 381+27.34	1.3	1	29	1	12	0.41
TOTAL	2.6	2	58	2	30	0.82

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 REFERENCE = #REF#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULES OF QUANTITIES**

SCALE: VERT. \_\_\_\_\_  
 DATE: \_\_\_\_\_ HORIZ. \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LOCATION	SPBGR, TYPE A	TBT TYPE 1, SPECIAL (TANGENT)	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL
	FOOT	EACH	EACH	EACH	TON
RT. STA. 791+01 - 381+88.50	187.5	2	4	2	37.3
LT. STA. 378+92 - 382+67	275	2	5	2	54.7
TOTALS	462.5	4	9	4	92

GUARDRAIL REMOVAL	
LOCATION	FOOT
RT. STA. 379+73.38 - 381+73.51	200.1
LT. STA. 380+11.86 - 382+13.13	201.3
TOTAL	401.4

FURNISHING & ERECTING ROW MARKERS	
LOCATION	EACH
70' RT. STA. 381+35.85	1
70' RT. STA. 381+59.30	1
70' LT. STA. 380+96.31	1
70' LT. STA. 381+24.62	1
40' RT. STA. 380+14.17	1
40' RT. STA. 381+95.44	1
40' LT. STA. 380+11.53	1
40' LT. STA. 381+68.32	1
TOTAL	8

MOBILIZATION	
PROJECT LIMITS	1

TRAFFIC CONTROL AND PROTECTION		
LOCATION	STD. 701201	STD. 701306
	L SUM	L SUM
PROJECT LIMITS	1	1

PAVEMENT MARKING - LINE 4"		
LOCATION	TEMPORARY	PAINT
RT. STA. 378+93.28 - 381+84.93	297.9	297.9
LT. STA. 379+00 - 382+55.05	367.13	367.13
TOTALS	665.03	665.03

PLOT DATE = 12/19/2005  
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REVISIONS	
NAME	DATE

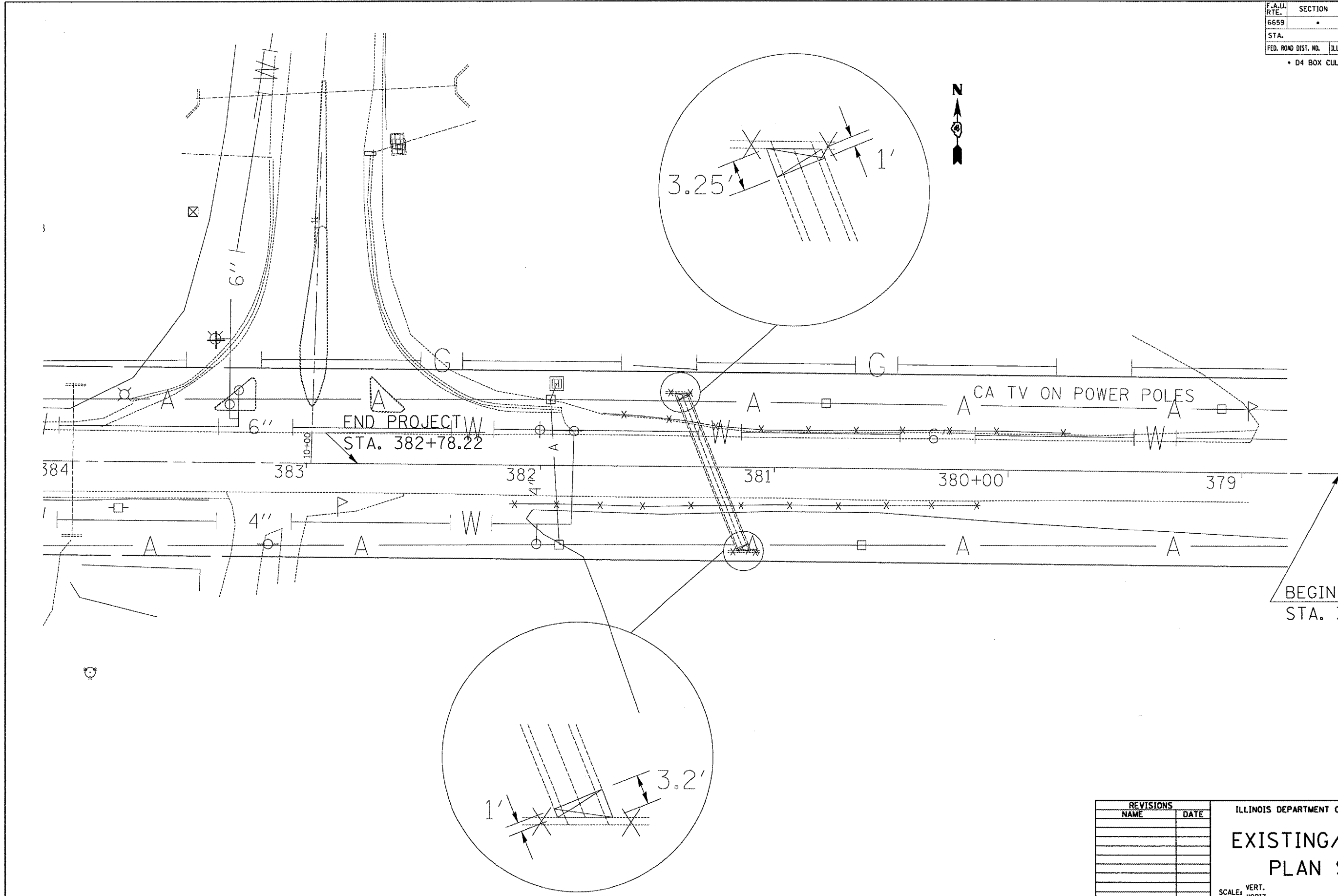
ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULES OF QUANTITIES**

SCALE: VERT. DATE      HORIZ.      DRAWN BY      CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	-	PEORIA	40	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• D4 BOX CULVERT EXT 2006



PLOT DATE = 12/19/2005  
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 USER NAME = krentzj

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

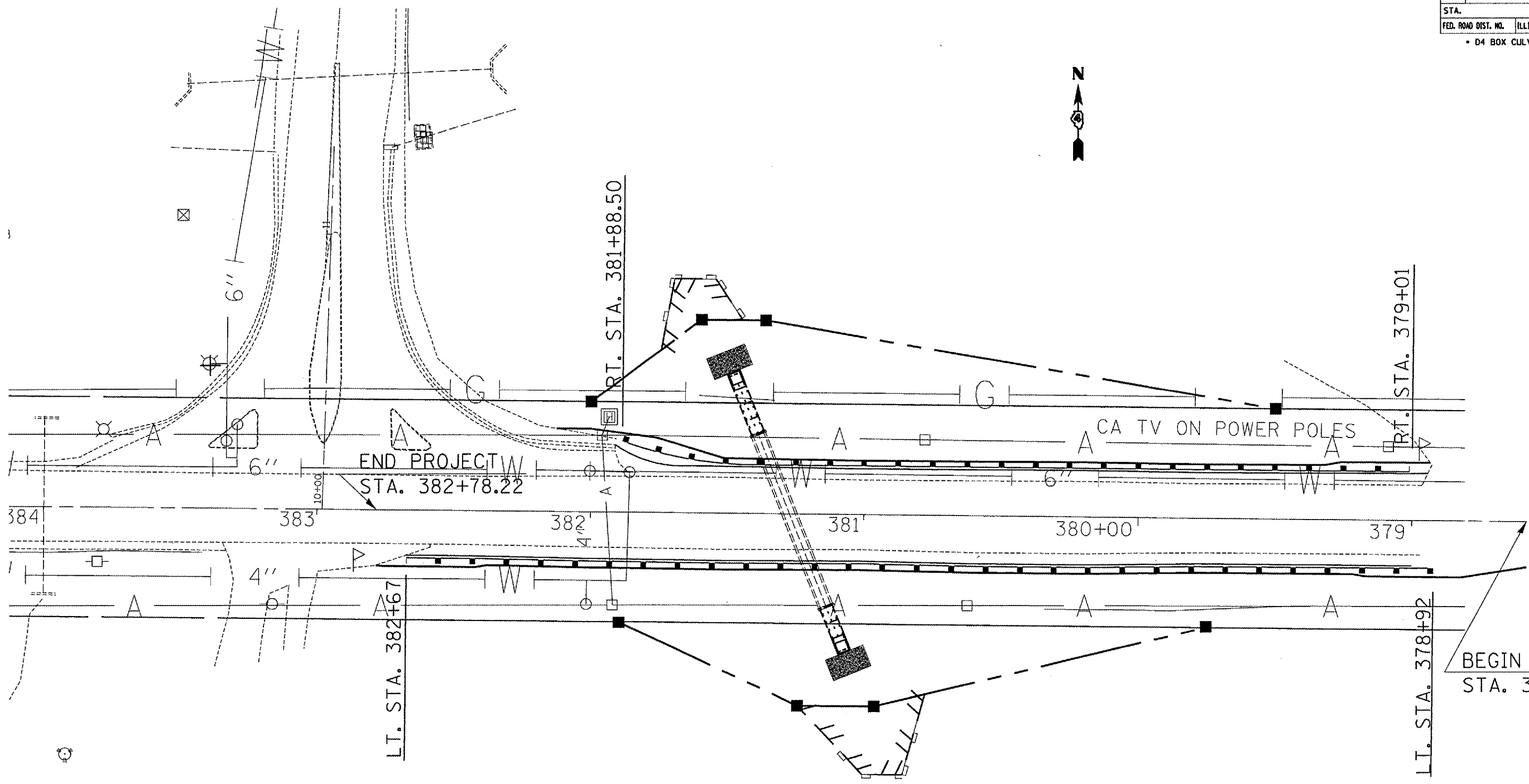
## EXISTING/REMOVAL PLAN SHEET

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	9
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\* D4 BOX CULVERT EXT 2006



BEGIN PROJECT  
STA. 378+58

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## PROPOSED PLAN SHEET

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_

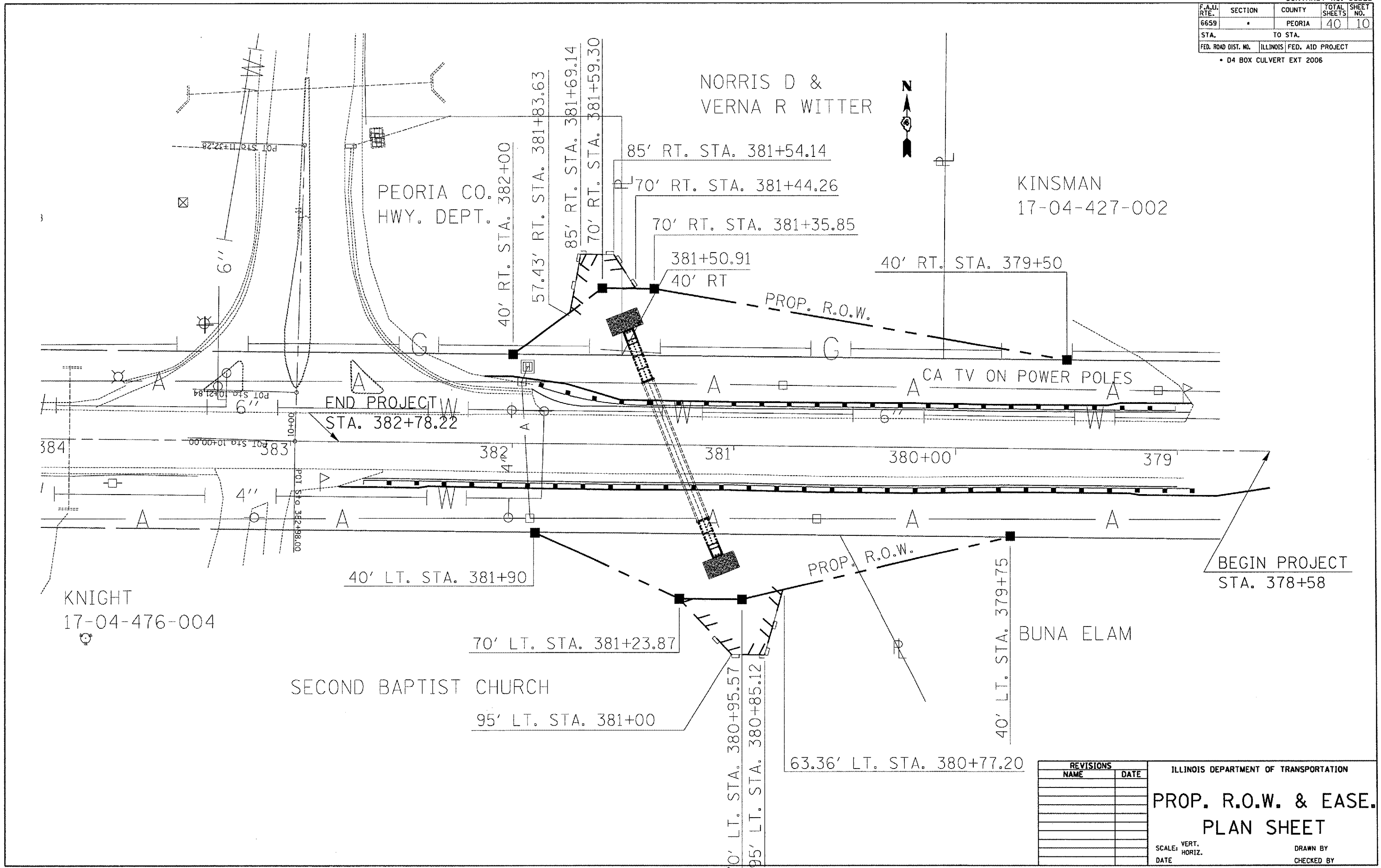
DATE \_\_\_\_\_

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CHECKED BY \_\_\_\_\_

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 USER NAME = kenzj

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	.	PEORIA	40	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• D4 BOX CULVERT EXT 2006



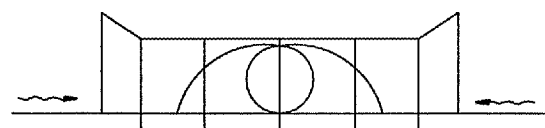
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PROP. R.O.W. & EASE.  
 PLAN SHEET**  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

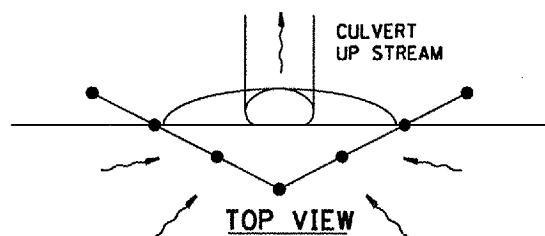
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659		PEORIA	40	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\*D4 BOX CULVERT EXT 2006

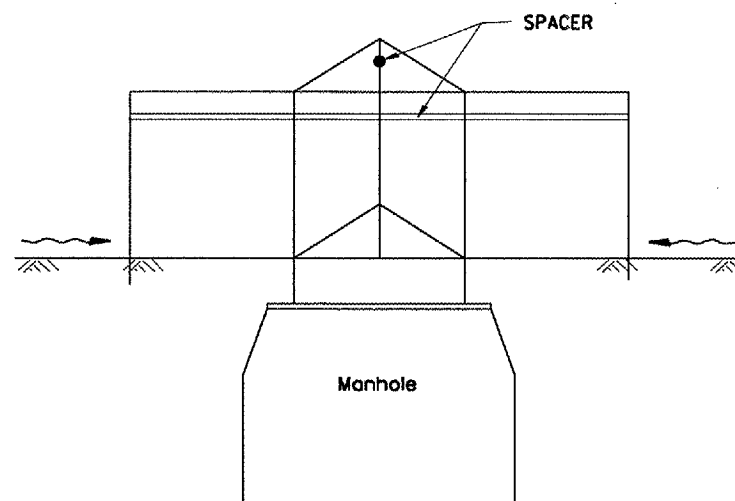


FRONT VIEW

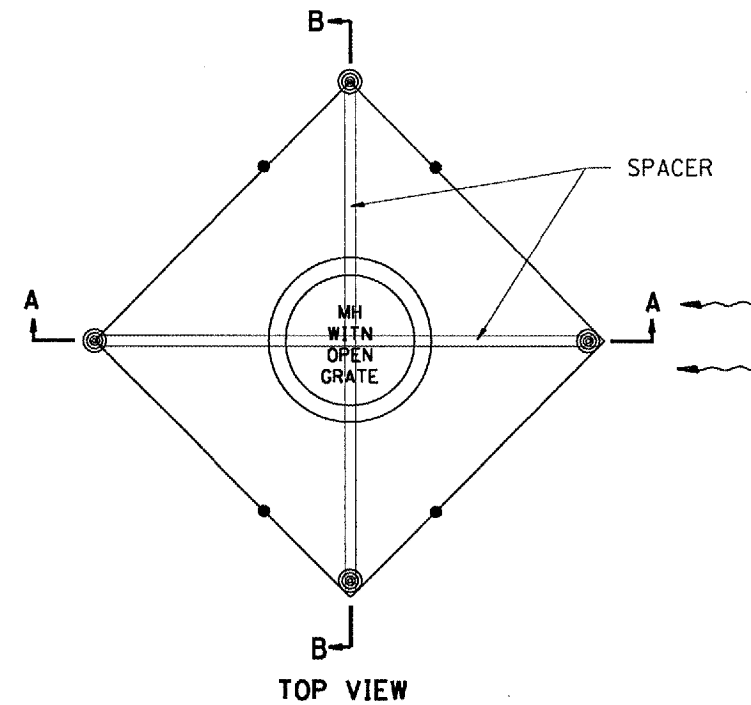


TOP VIEW

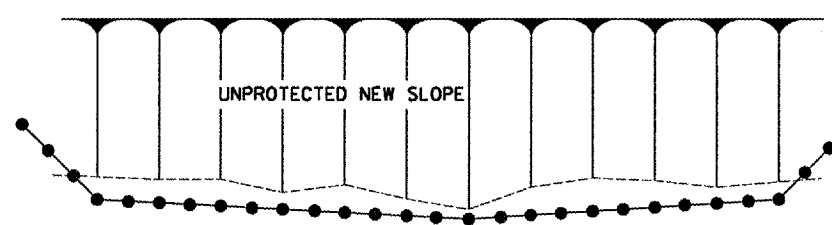
UPSTREAM PIPE CULVERT EROSION CONTROL



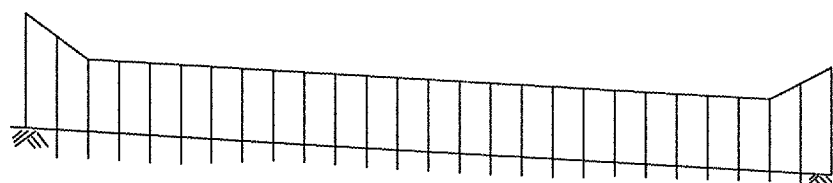
SIDE VIEW  
A-A



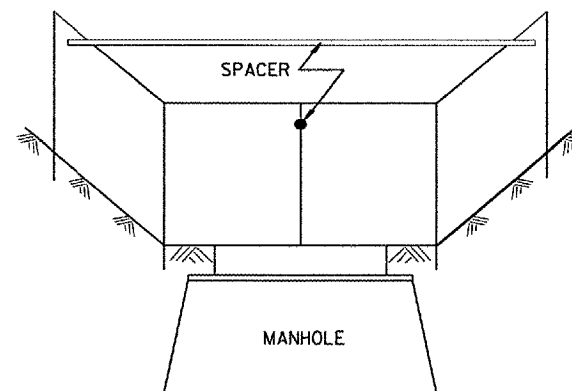
TOP VIEW



TOP VIEW



FRONT VIEW



Front View  
B-B

EROSION CONTROL  
AT  
OPEN GRATE MAN HOLE

GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081 of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAIL SHEET

TYPICAL APPLICATION  
OF  
SILT FILTER FENCE

CADD DETAIL 280001-D4  
SCALE: NOT DRAWN TO SCALE

DRAWN BY CADD  
CHECKED BY

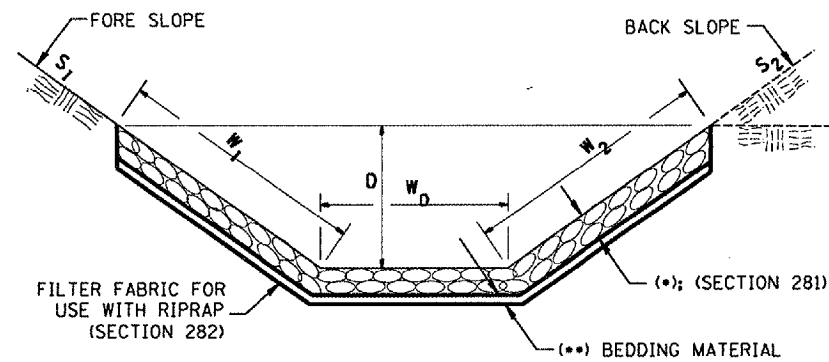
DATE	REVISIONS	BY
1-1-97	RENUM. A-12.05, NEW REVISION BOX	T.P.
3-11-03	ELIMINATED SILT FENCE DITCH CHECK	M.M.A.

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



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659		PEORIA	40	12
STA. PEORIA		TO STA. PEORIA		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*04 BOX CULVERT EXT 2006				

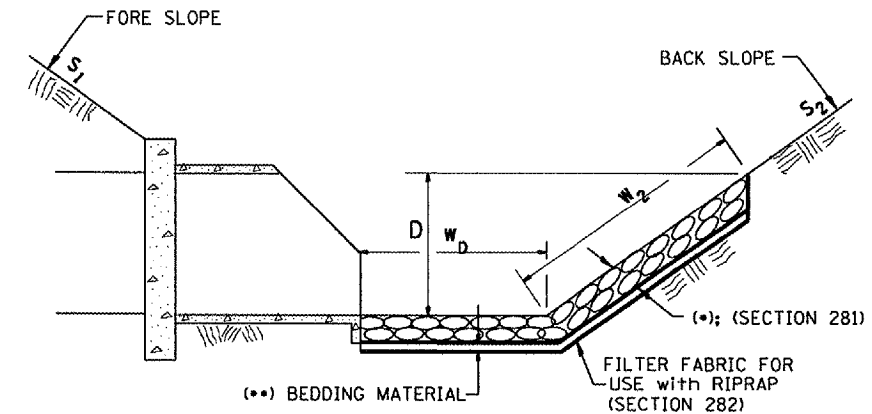
**CASE 1  
(DITCH)**



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m <sup>2</sup> (sq yds)
TOTAL				

(1) WIDTH =  $W_1 + W_2 + W_0$

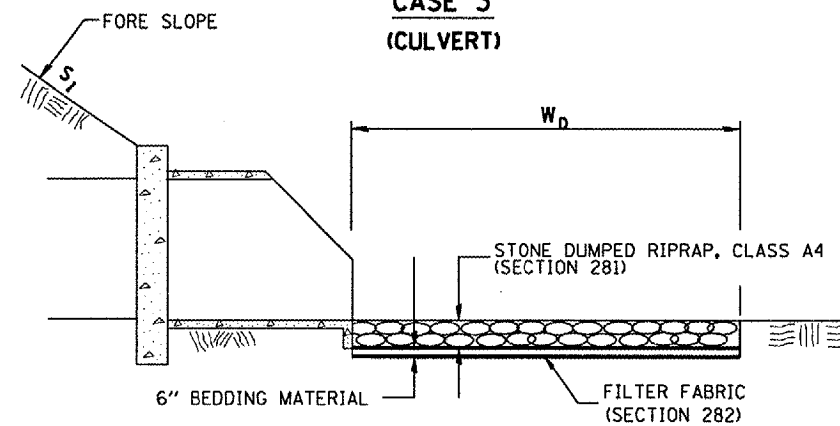
**CASE 2  
(CULVERT & SLOPE)**



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m <sup>2</sup> (sq yds)
TOTAL				

(1) WIDTH =  $W_2 + W_0$

**CASE 3  
(CULVERT)**



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m <sup>2</sup> (sq yds)
381+39.28 - 381+54.28	15'	8'	8.9	13.3
381+02 - 381+17	15'	8'	8.9	13.3
TOTAL			17.8	26.6

(1) WIDTH =  $W_0$

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SPECIAL DETAIL SHEET

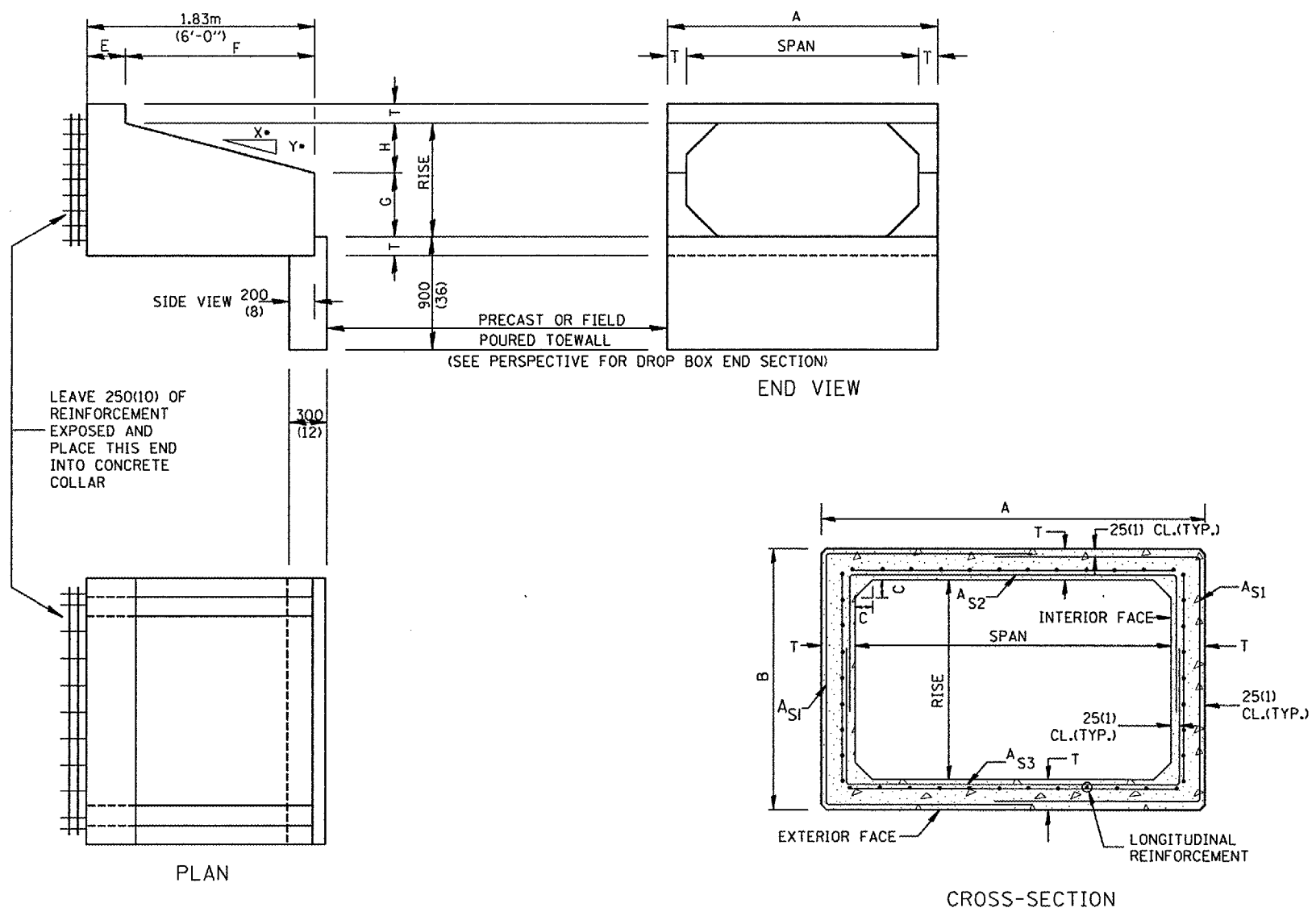
RIPRAP DITCH FOR EROSION PROTECTION

CADD DETAIL 281001-D4  
SCALE: NOT DRAWN TO SCALE  
DRAWN BY CADD  
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. A-12.02, NEW REVISION BOX	T.P.
12-1-97	CORRECT FILTER FABRIC LEADER ARROW	J.A.

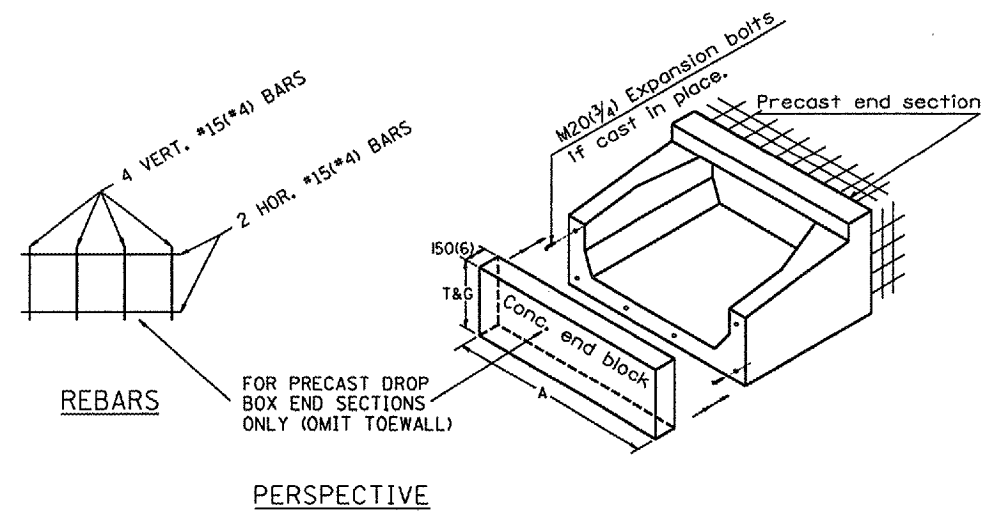
\$\$\$DATE\$\$\$

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659		PEORIA	40	13
STA. PEORIA		TO STA. PEORIA		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**GENERAL NOTES:**

1. 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.
2. The Aggregate shall conform to the requirements of Articles 1003.02 and 1004.02 of the Standard Specifications. The gradation requirements do not apply.
3. 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.
4. 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.
5. All dimensions shall be verified with the Supplier.



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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**

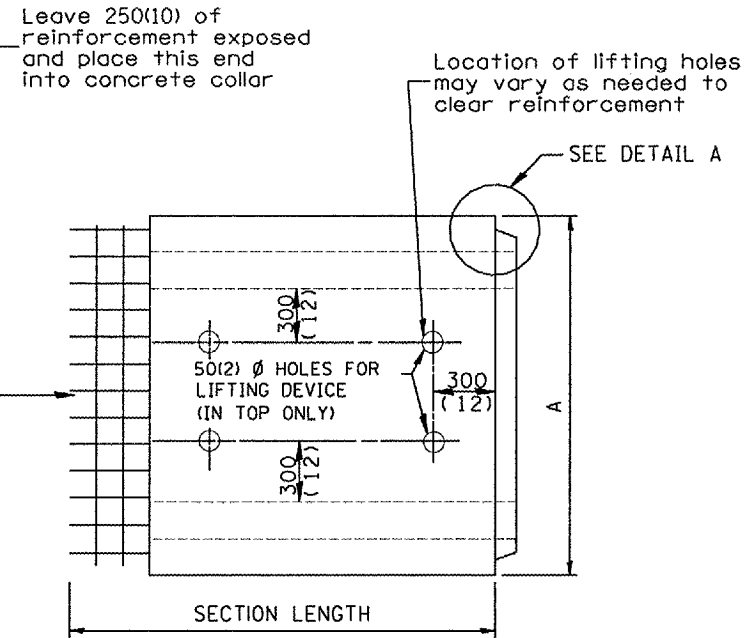
**PRECAST CONCRETE BOX CULVERTS (SPECIAL), END SECTION (SPECIAL), & DROP BOX END SECTIONS (SPECIAL)**

DATE	REVISIONS	BY
1-1-97	RENUM. J-12.08 AND J-12.09, NEW FORMAT, METRICS, NEW REVISION BOX, NOTES.	T.P.
5-1-97	CORRECT TITLE & GEN. NOTES	J.A.
6-17-99	CORRECT DIMENSIONS	J.A.

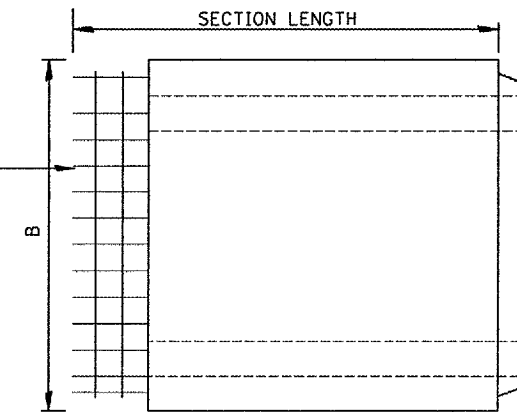
CADD STANDARD 540401-D4(1)  
SCALE: NOT DRAWN TO SCALE  
DRAWN BY CADD  
CHECKED BY  
SHEET 1 OF 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*04 BOX CULVERT EXT 2006				

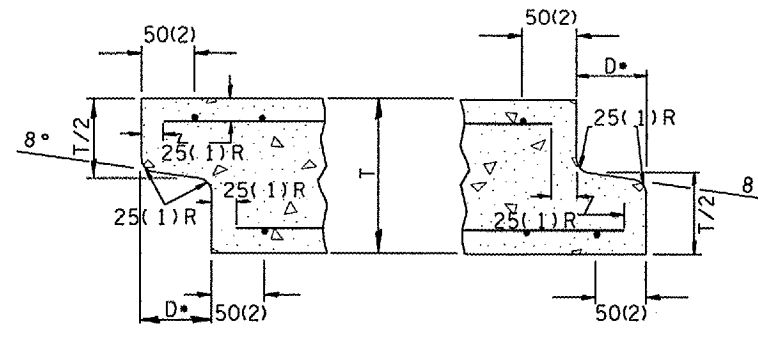
(DIMENSIONS APPLY TO END SECTION AND BOX SECTION DETAILS)



PLAN



ELEVATION



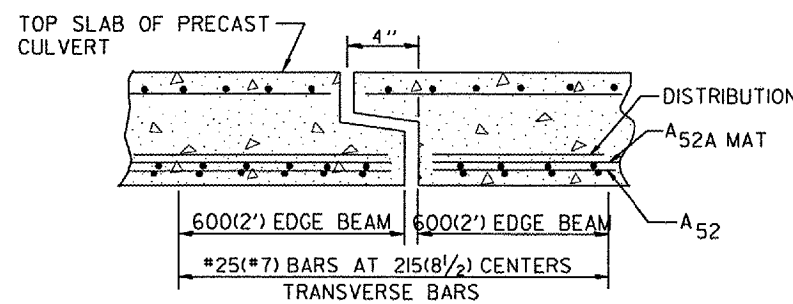
DETAIL A

(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 as shown above. The additional Steel may be Welded Wire Fabric or grade 60 Deformed Bars.

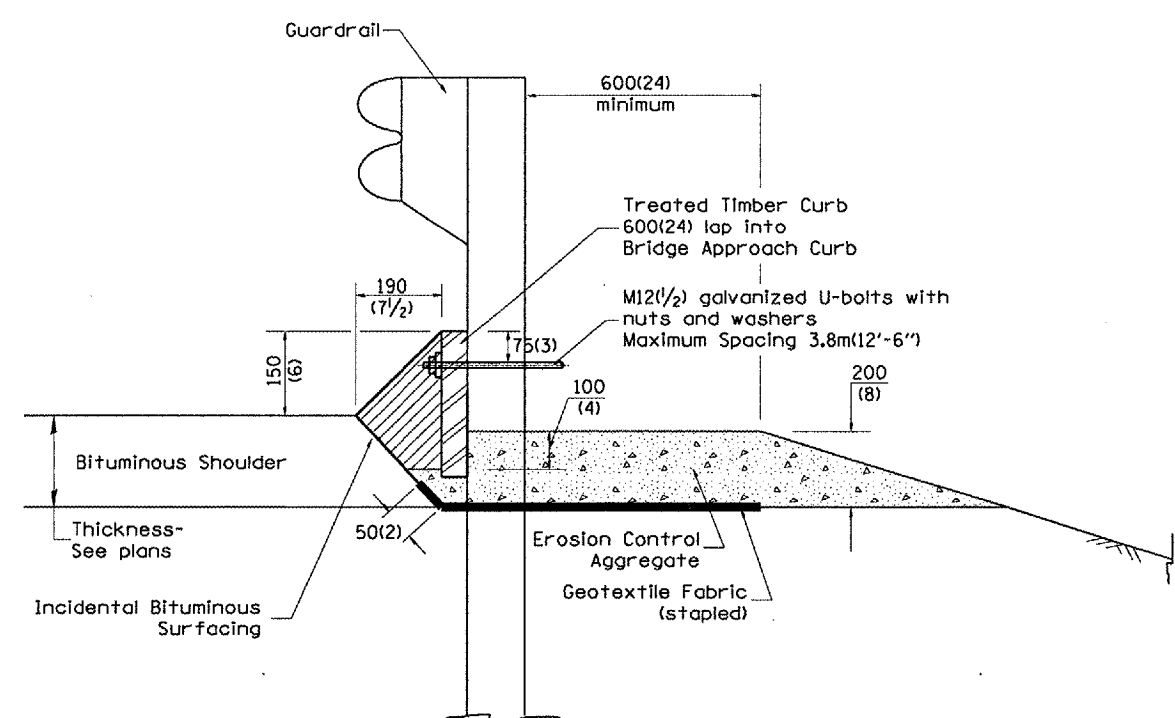
(See GENERAL NOTES on sheet 1 of 2)

SPAN X RISE mm (ft)	T mm (in)	A	B	C mm (in)	E mm (in)	F	G	H mm (in)	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

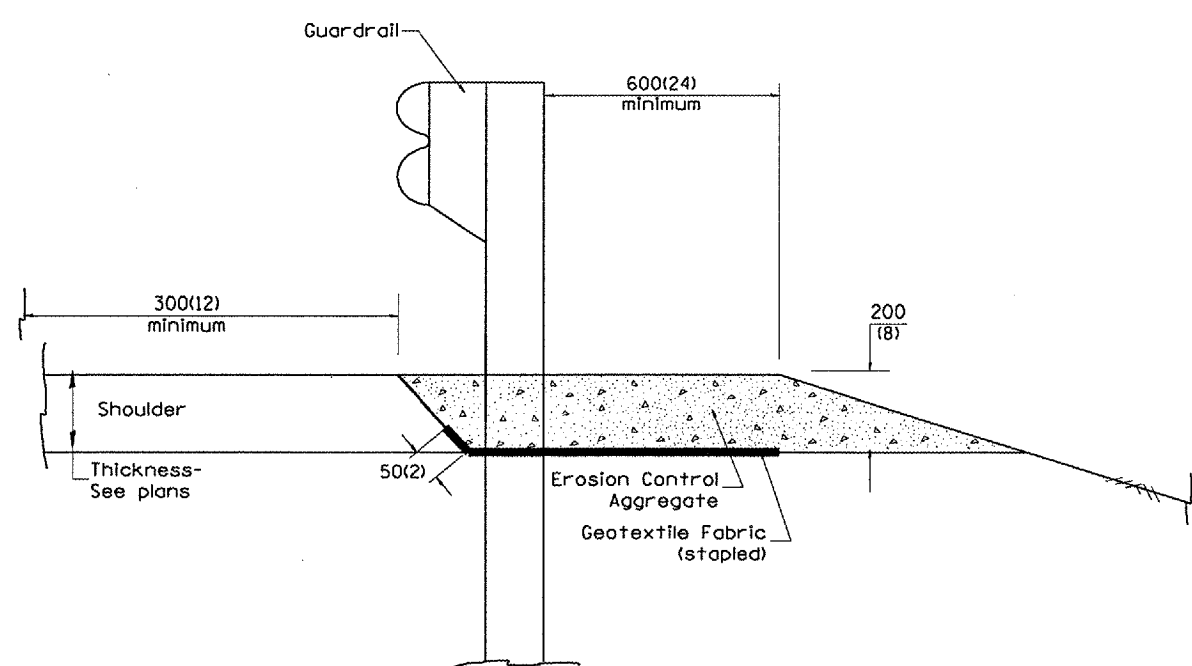
All dimensions are in millimeters (inches) unless otherwise noted.

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

F.A. ILL. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

**GENERAL NOTES: EROSION CONTROL CURB**

1. This work shall consist of grading as needed, installing hardware and treated timber boards, furnishing and placing mastic material and incidental bituminous surfacing in front of Steel Plate Beam Guardrail in accordance with Plan Details.
2. Timber shall be treated in accordance with Article 1007.12. All preservatives specified in the article will be allowed. Waterborne preservatives "asd" and "cca" shall have a minimum retention of 6.4 kg/m<sup>3</sup> (0.40 lbs./cu. ft.)

**GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL**

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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

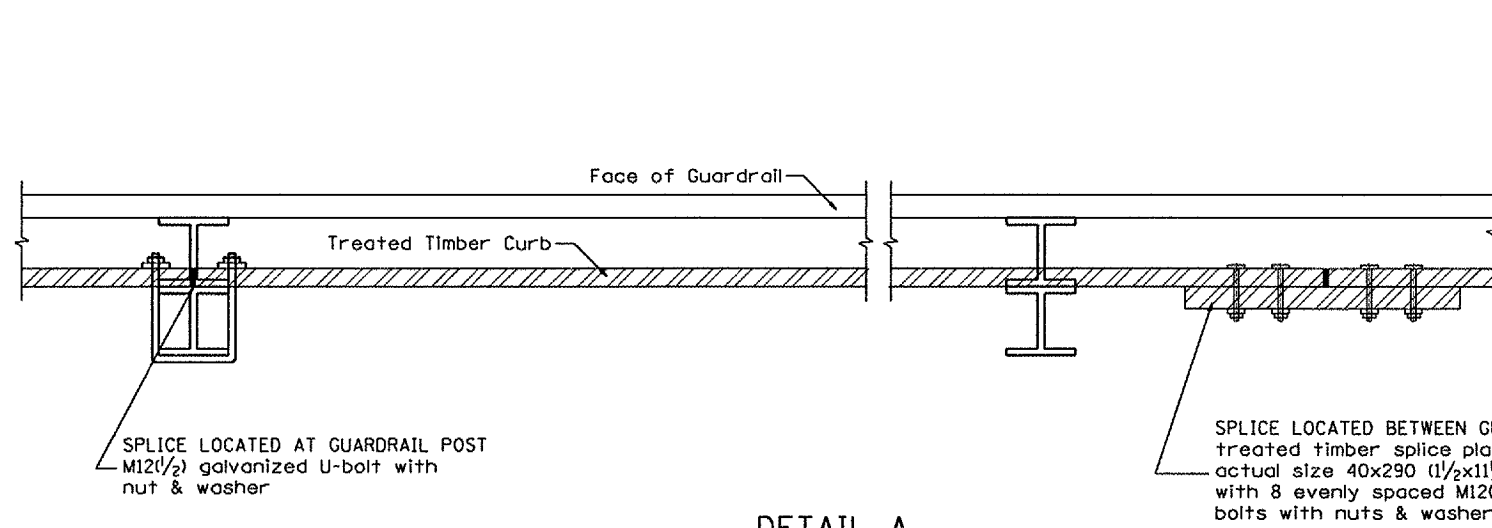
GUARDRAIL EROSION CONTROL TREATMENTS

DATE	REVISIONS	BY
1-1-97	RENUM. C-22.D1. NEW REVISION BOX	T.P.
3-1-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.
11-3-00	CORRECTION TO NOTES	M.A.

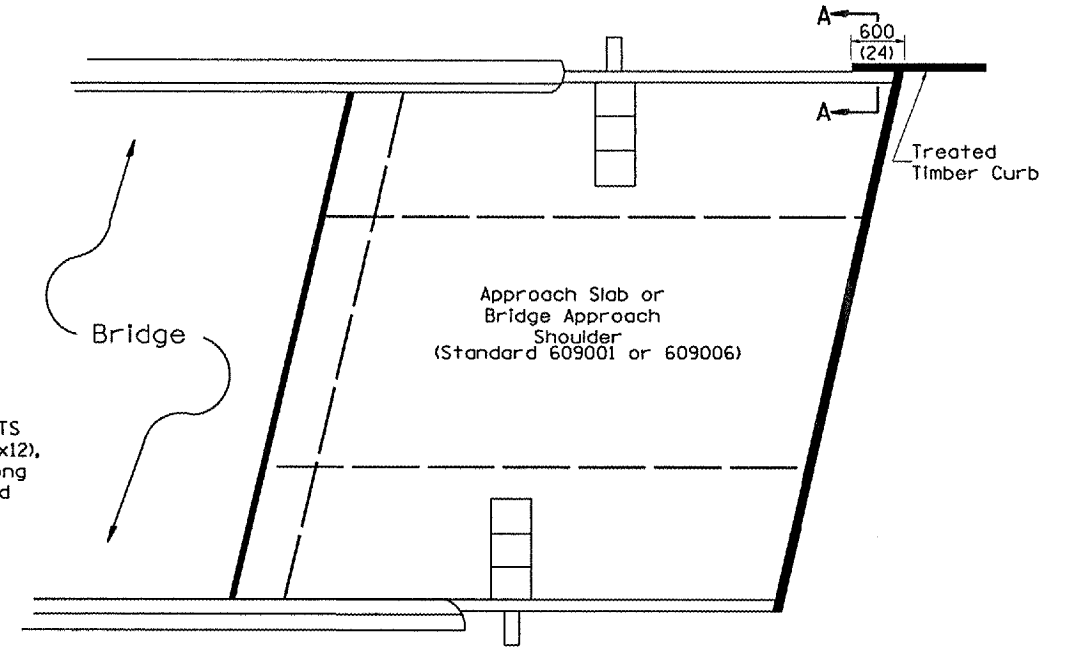
CADD STD NO. 630101-D4(1)  
SCALE: NOT DRAWN TO SCALE  
SHEET 1 OF 2  
DRAWN BY CADD  
CHECKED BY

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

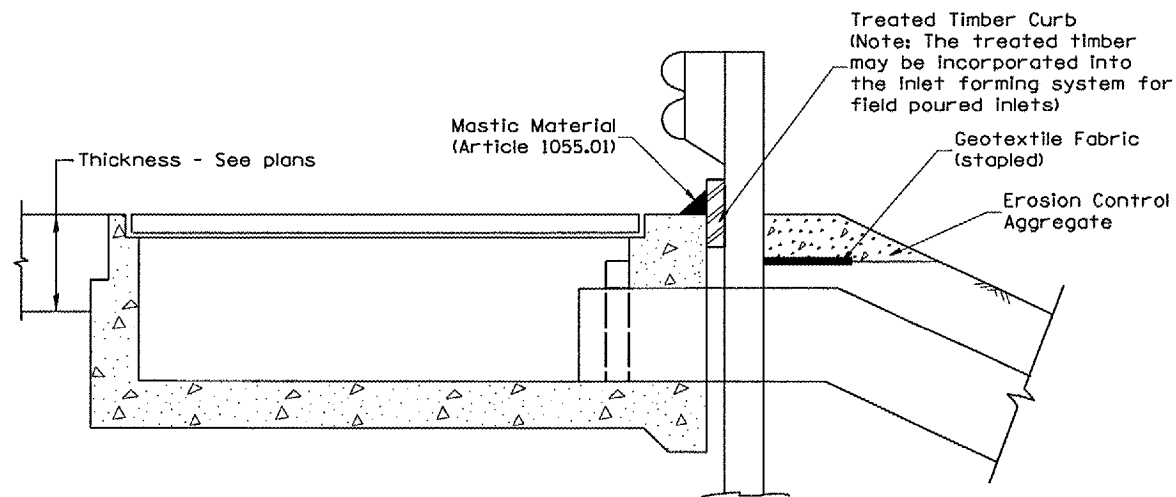
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659		PEORIA	40	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*04 BOX CULVERT EXT 2006				



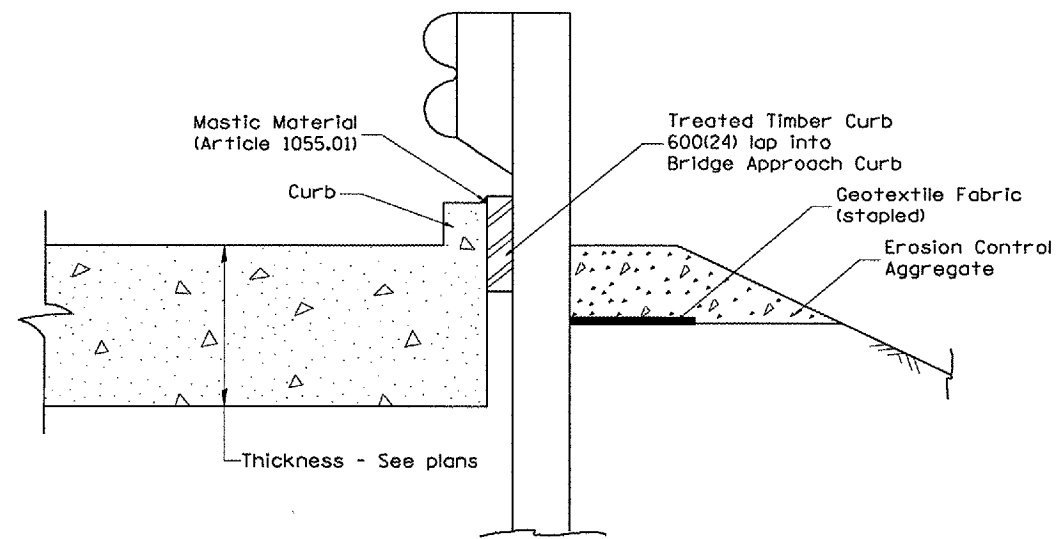
**DETAIL A**  
(Typical Treated Timber Splices)



**PLAN VIEW**  
**APPROACH SLAB OR BRIDGE APPROACH SHOULDER**  
(STANDARD 609001 or 609006)



**TYPICAL SECTION WITH EROSION CONTROL CURB**  
**AT INLETS TYPE E & F (STANDARD 610001)**



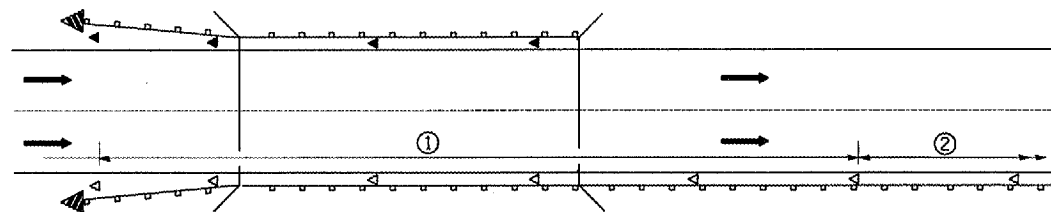
**SECTION A-A**  
**TYPICAL SECTION WITH EROSION CONTROL CURB**  
**AT BRIDGE APPROACH CURB**  
(STANDARD 609001 OR 609006)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
GUARDRAIL EROSION CONTROL TREATMENTS	
CADD STD NO. 630101-D4(2)	SHEET 2 OF 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
	CHECKED BY

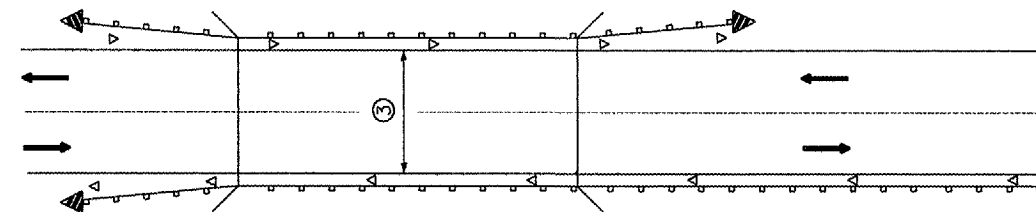
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\*D4 BOX CULVERT EXT 2006



- ① Spacing 24 m (80 ft.) max. for first 122 m (400 ft.) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).
- ② After 122 m (400 ft.), transition to normal delineator spacing shown in Standard 635001, and continue as required.

**ONE-WAY TRAFFIC**



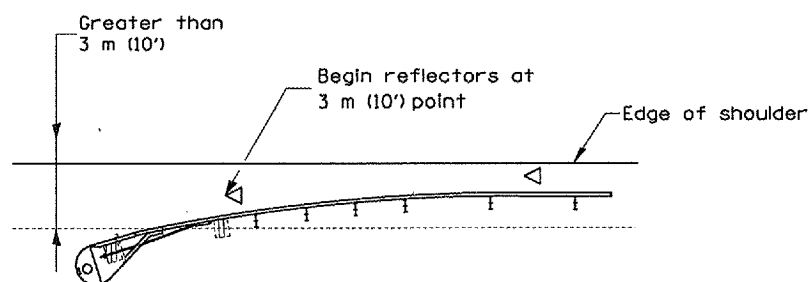
- ③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 610 (24) wider than the pavement approaching the bridge.

**TWO-WAY TRAFFIC**

**GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS**

**LEGEND**

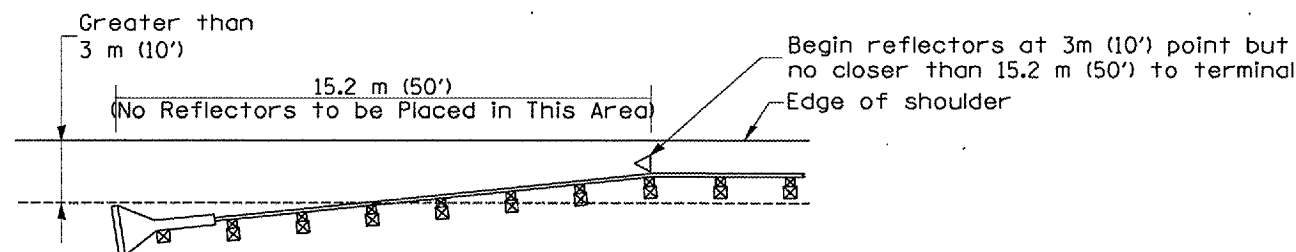
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ◄ Terminal Marker - Black/Yellow  
Left or Right as appropriate



NOTE: Omit terminal marker when terminal over 3 m (10') from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

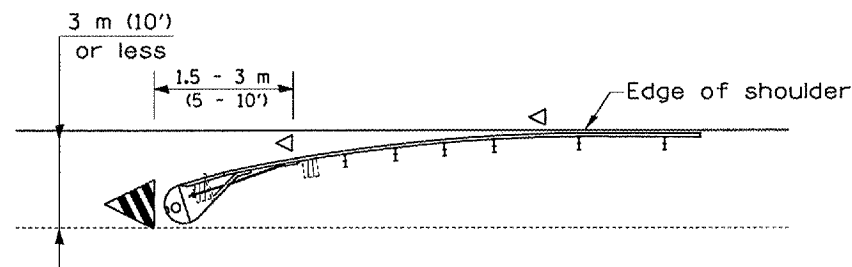
**Traffic Barrier Terminal Type(\*) and/or Turned-Down Terminal**

[Terminal over 3 m (10') from edge of shoulder]  
•See Plans for Type

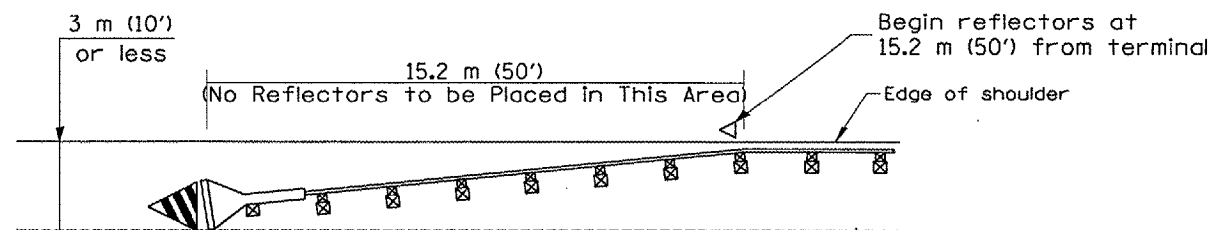


NOTE: Omit terminal marker when terminal over (10') from edge of paved shoulder or break point of unpaved shoulder.

**Traffic Barrier Terminal Type 1 (Special)**  
[Terminal over 3 m (10') from edge of shoulder]



**Traffic Barrier Terminal Type(\*) and/or Turned-Down Terminal**  
[Terminal over 3 m (10') or less from edge of shoulder]  
•See Plans for Type



**Traffic Barrier Terminal Type 1(Special)**  
[Terminal 3 m (10') or less from edge of shoulder]

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

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD**

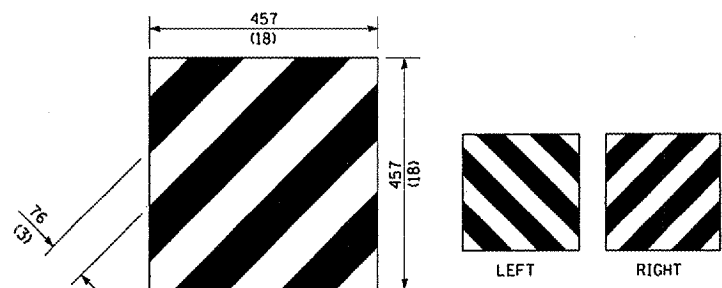
**GUARDRAIL AND  
BARRIER WALL DELINEATION**

CADD STD. NO. 635101-D4 SHEET 1 OF 3  
DRAWN BY CADD  
CHECKED BY

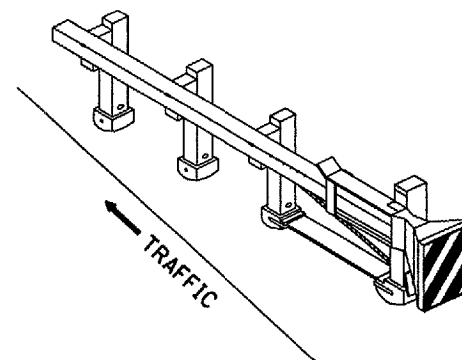
DATE	REVISIONS	BY
1-1-97	RENUM. E-10.02, NEW REVISION BOX	T.P.
3-1-97	CORRECT STD. SPEC. *	J.A.

**TERMINAL MARKER PLACEMENT**

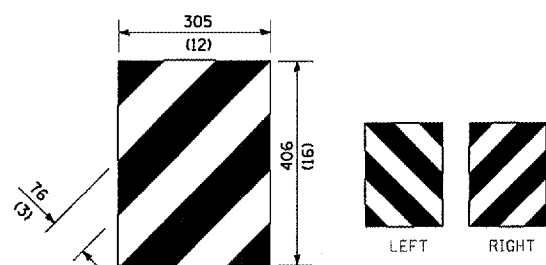
F.A.L.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659		PEORIA	40	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*04 BOX CULVERT EXT 2006				



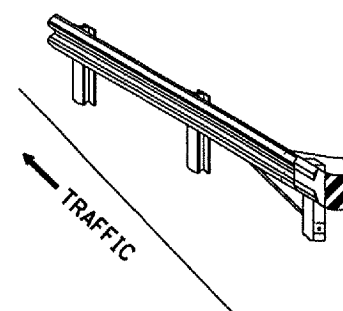
For Traffic Barrier Terminal Type 1 (Special)



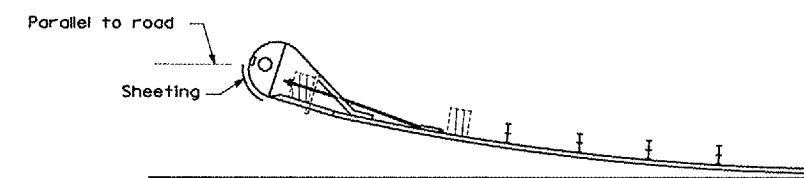
Standard Treatment - Direct Applied Sheeting  
Traffic Barrier Terminal Type 1 (Special)



For Traffic Barrier Terminal Type (\*)  
and Post Mount  
• See Plans for Type



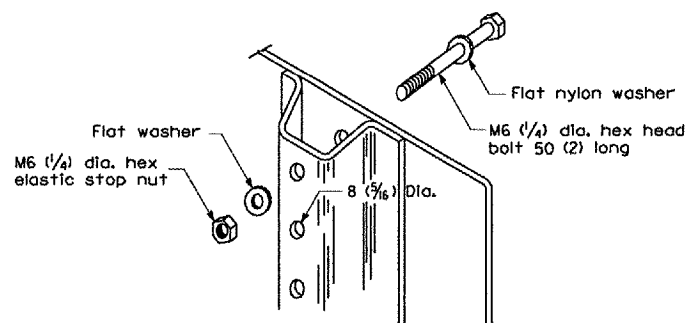
Standard Treatment - Direct Applied Sheeting  
Traffic Barrier Terminal Type (\*)  
• See Plans for Type



Sheeting Position for  
Traffic Barrier Terminal Type (\*)  
• See Plans for Type

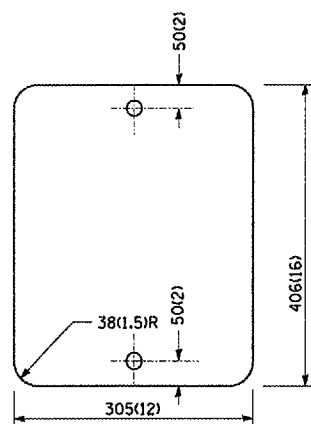
**TERMINAL MARKER DETAILS**

- Color: Black / Yellow reflectorized
- OM - I100 (L or R) Direct applied reflective sheeting
- OM - I200 (L or R) Post mounted

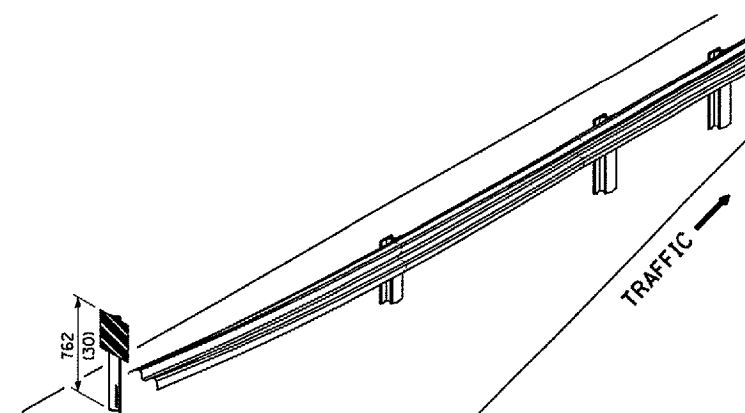


DETAIL OF MOUNTING TERMINAL MARKER TO POST

**POST MOUNTED TERMINAL MARKER ASSEMBLY**



STANDARD TERMINAL MARKER



ALTERNATE TREATMENT - POST MOUNTED  
(For turned-down terminal where sheeting cannot be direct applied)

**TERMINAL MARKER TREATMENTS**

**GENERAL NOTES**

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

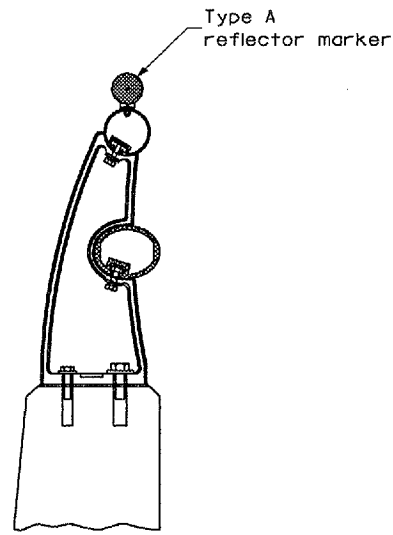
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

GUARDRAIL AND  
BARRIER WALL DELINEATION

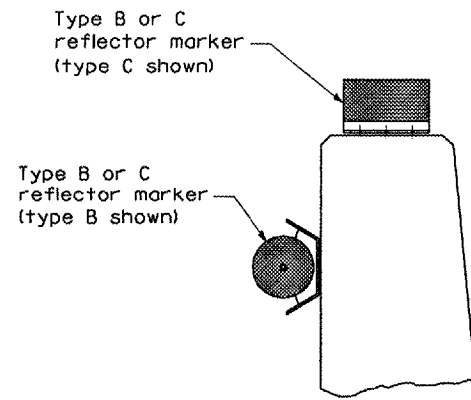
CADD STD. NO. 635101-D4 SHEET 2 OF 3  
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD  
CHECKED BY

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*D4 BOX CULVERT EXT 2006				

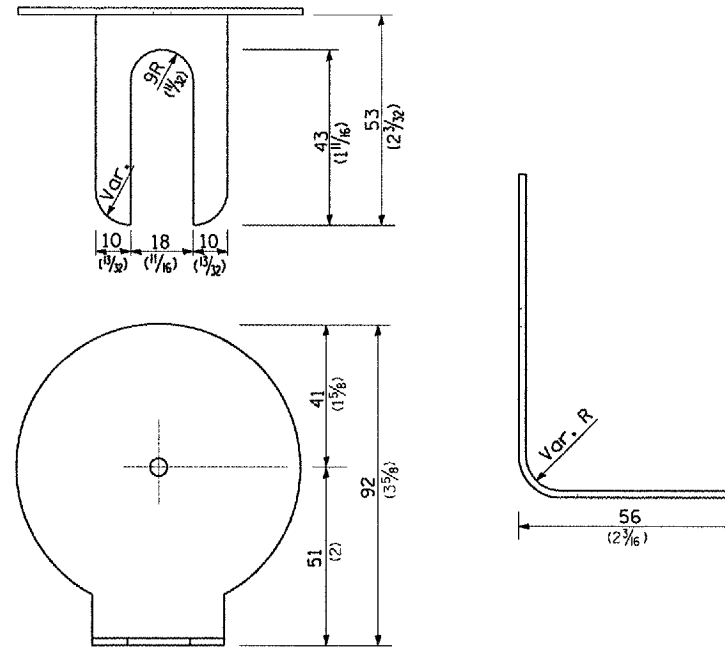


TYPICAL MOUNTING DETAIL FOR BRIDGE RAIL REFLECTOR



TYPICAL MOUNTING DETAIL FOR BARRIER WALL REFLECTOR

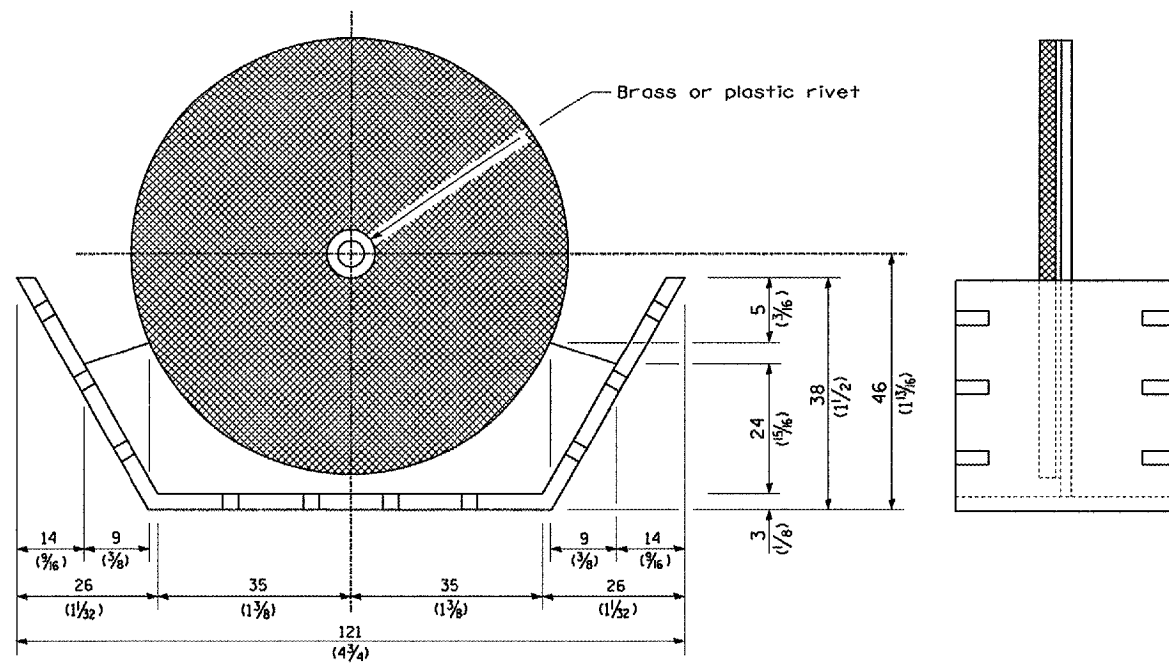
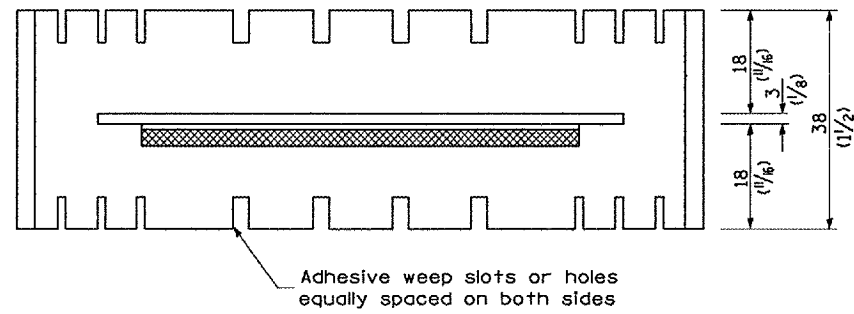
REFLECTOR MOUNTING



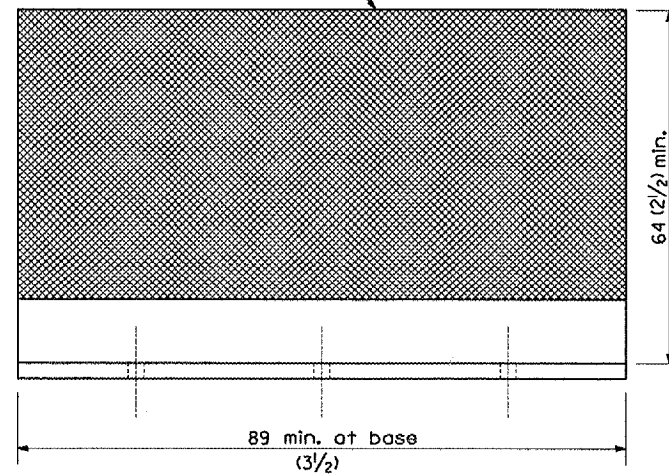
REFLECTOR MARKER TYPE A

Min. reflective area 4,194 mm<sup>2</sup> (6 1/2 Sq. In.) each side. May be rectangular or slight trapezoid.

TYPICAL GUARDRAIL MOUNTING WITH REFLECTOR MARKER TYPE A

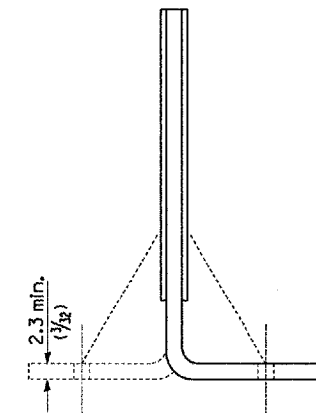


REFLECTOR MARKER TYPE B



REFLECTOR MARKER TYPE C

3 min. adhesive weep holes or slots each side, variable spacing.



Cross section may be "T" or "L" shaped and may have side supports at ends.

REFLECTORS

Minimum total area of base 4,516 mm<sup>2</sup> (7.0 Sq. In.)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

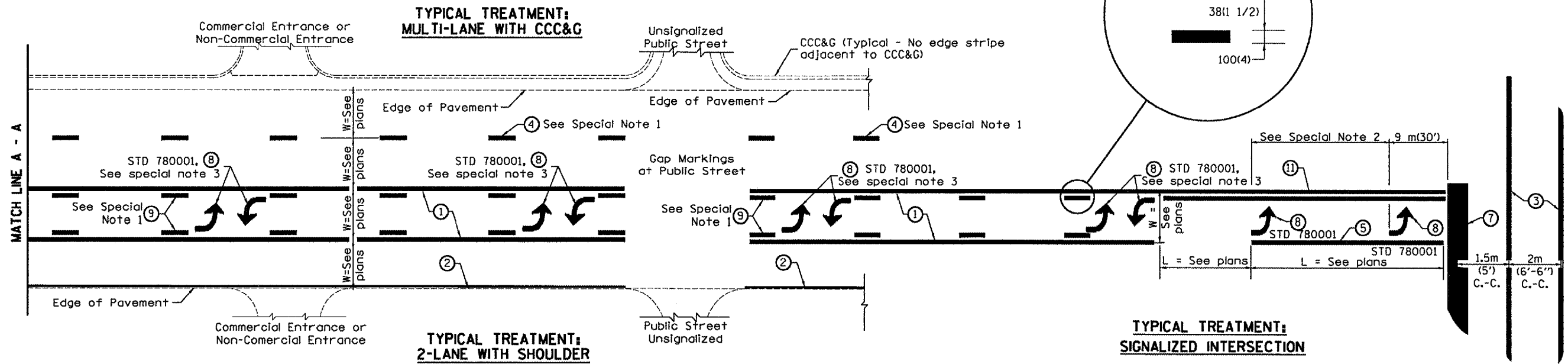
GUARDRAIL AND  
BARRIER WALL DELINEATION

CADD STD. NO. 635101-D4 SHEET 3 OF 3  
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD CHECKED BY



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659		PEORIA	40	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\*04 BOX CULVERT EXT 2006



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

**TYPICAL PAVEMENT MARKING LEGEND**

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

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

**SPECIAL NOTES**

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

**GENERAL NOTES**

- Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
- See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**

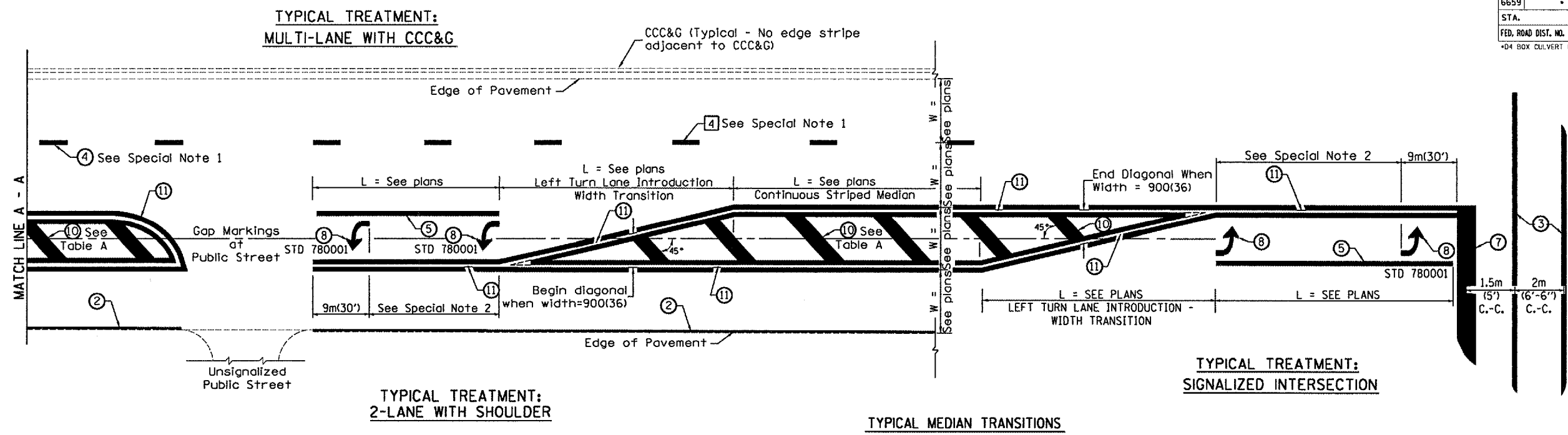
**TYPICAL PAVEMENT MARKINGS**

DATE	REVISIONS	BY
1-1-97	RENUM. F-8.03, NEW REVISION BOX	T.P.
2-7-97	ADD BI DIRECTIONAL DIMENSION	J.A.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.
8-02	ADD CROSSWALK DIMS. WITH T.S.	M.A.

CADD STANDARD 780001-D4  
SCALE: NOT DRAWN TO SCALE

SHEET 1 OF 2  
DRAWN BY CADD  
CHECKED BY

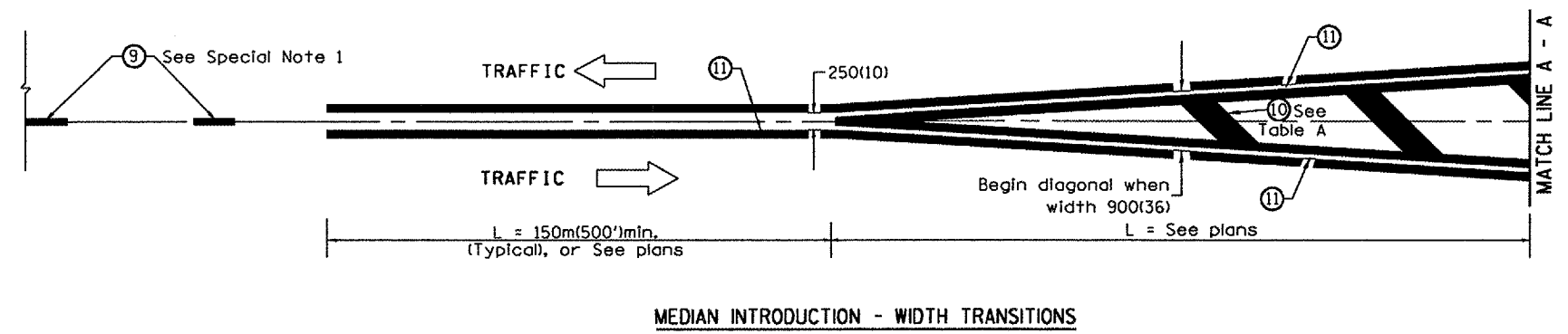
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*04 BOX CULVERT EXT 2006				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

**TABLE A**  
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

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



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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**

**TYPICAL PAVEMENT MARKINGS**

CADD STANDARD 780001-D4 SHEET 2 OF 2  
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD CHECKED BY

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

\*DCN-ONLY\*



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	23
STA. 379+00.00 TO STA. 379+25.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

ROAD DIST. NO. ILLINOIS FED. AID PROJECT

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

DATE	
BY	
REVISIONS	
PLotted	
Template	
Areas	
Checked	

DATE	
BY	
REVISIONS	
Plotted	
Template	
Areas	
Checked	

PLOT DATE : 12/14/2005  
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 PLOT SCALE : 26502 / 1  
 REFERENCE : 1

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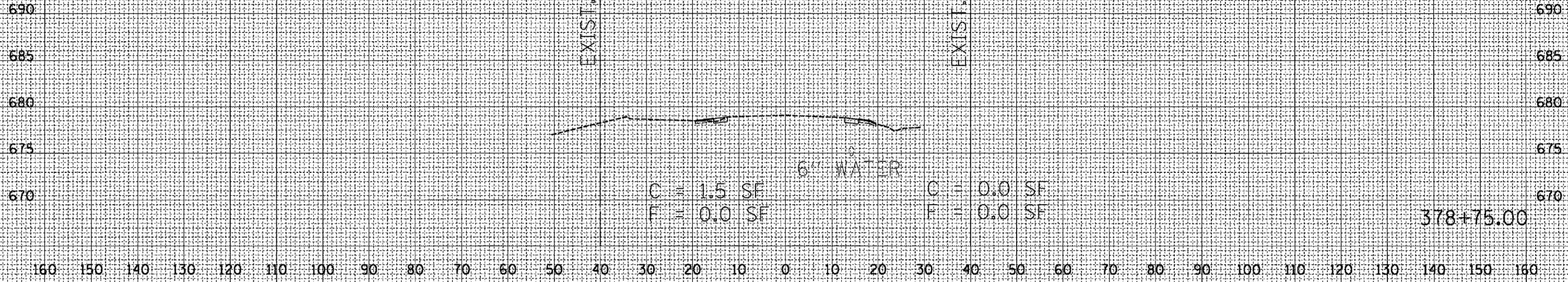
EXIST. R.O.W.

6" WATER

C = 1.5 SF  
 F = 0.0 SF

C = 0.0 SF  
 F = 0.0 SF

378+75.00





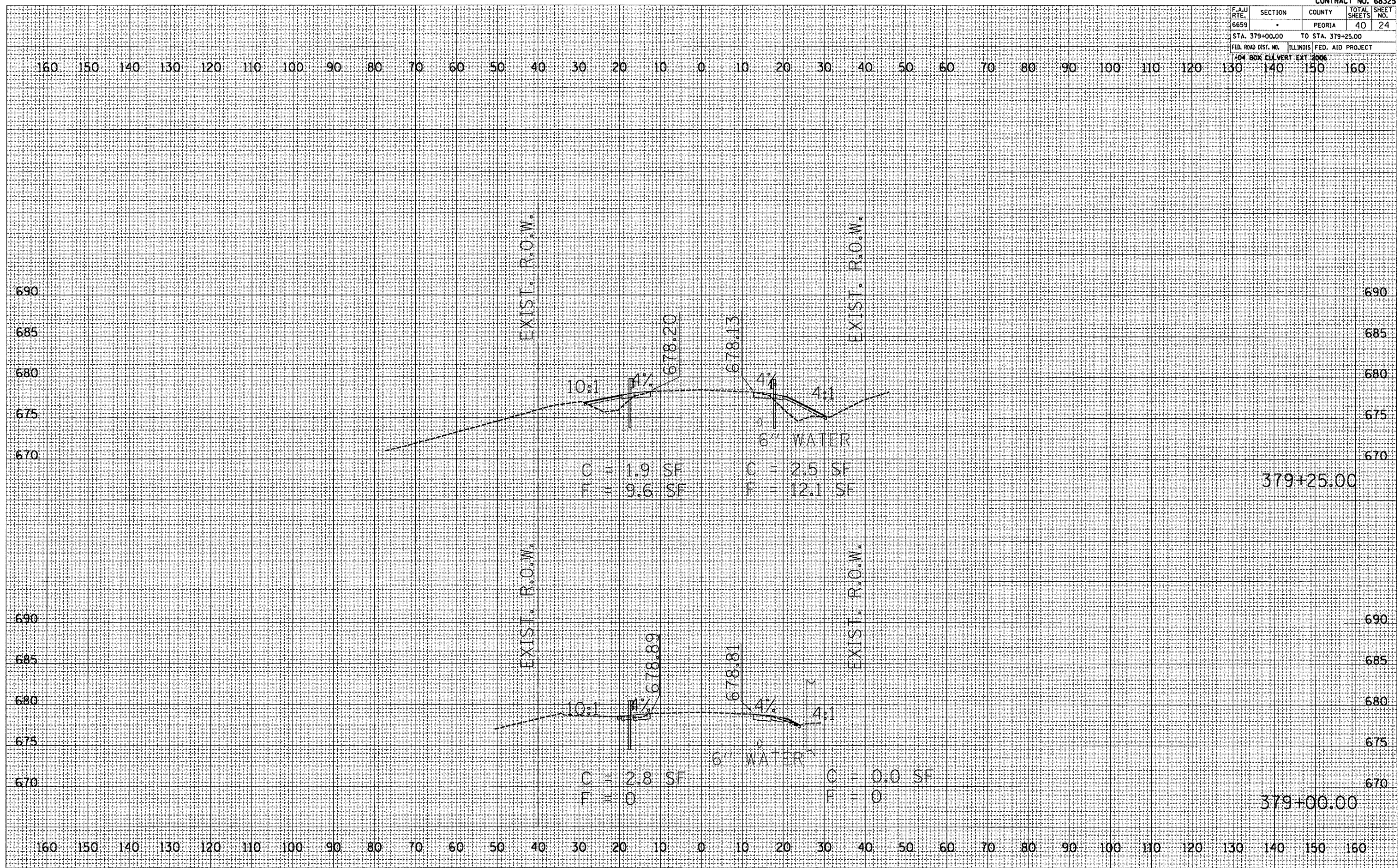
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6659	.	PEORIA	40	24
STA. 379+00.00		TO STA. 379+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

1-04 BOX CULVERT EXIST 2006

DATE	
BY	
REVISIONS	
SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
REVISIONS	
SURVEY	
NOTE BOOK	
NO.	

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	25
STA. 379+50.00		TO STA. 379+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
704 BOX CULVERT EXT 2006				

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NOTE BOOK  
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SURVEYED BY  
DATE

TEMPLATED BY  
DATE

AREAS CHECKED

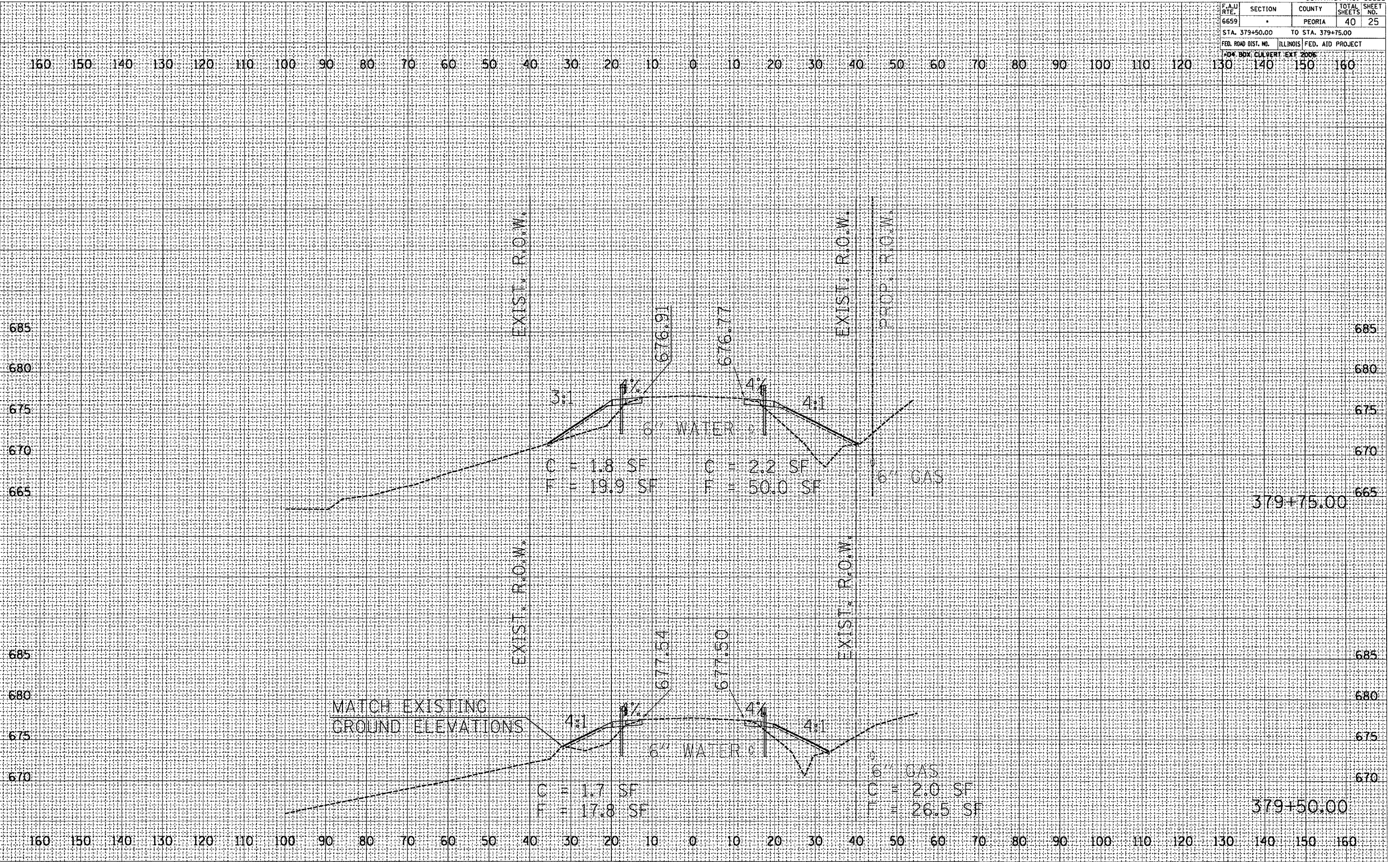
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SURVEYED BY  
DATE

TEMPLATED BY  
DATE

AREAS CHECKED

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REFERENCE : N/A





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STA. 380+00.00 TO STA. 380+25.00

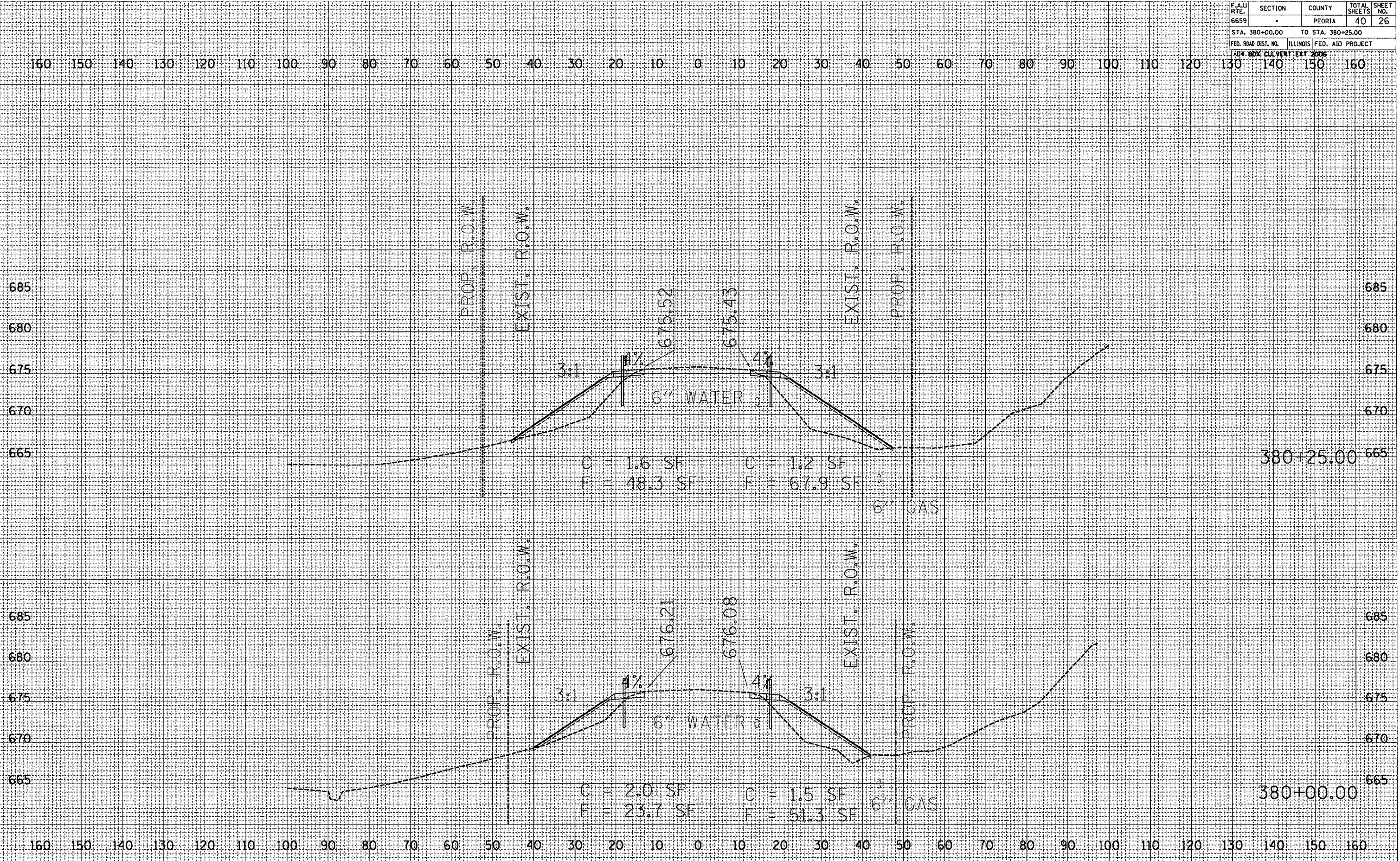
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

40" BOX CULVERT EAST 2006

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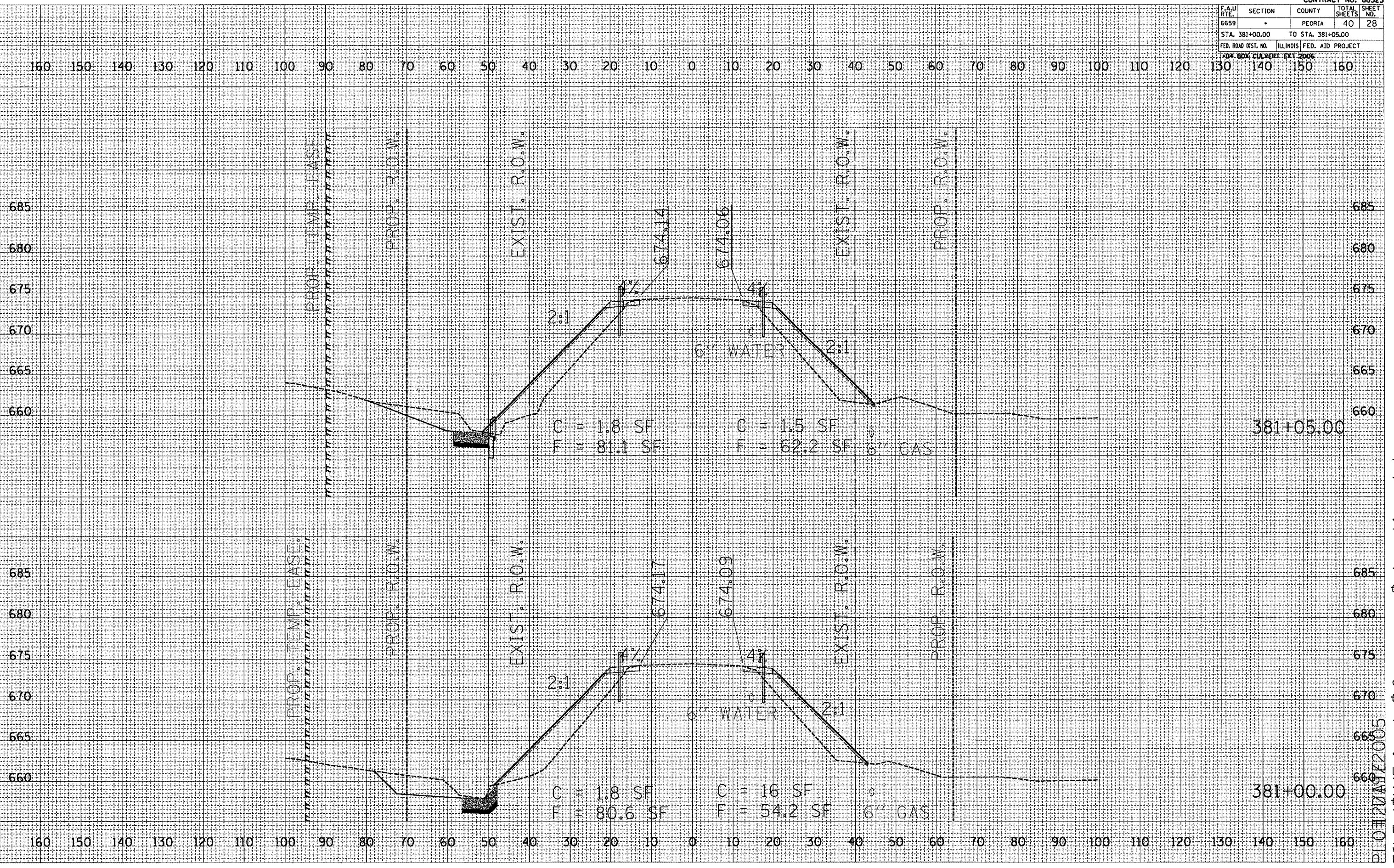


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	-	PEORIA	40	28
STA. 381+00.00		TO STA. 381+05.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
404 BDX; CALVERT EXT 2006				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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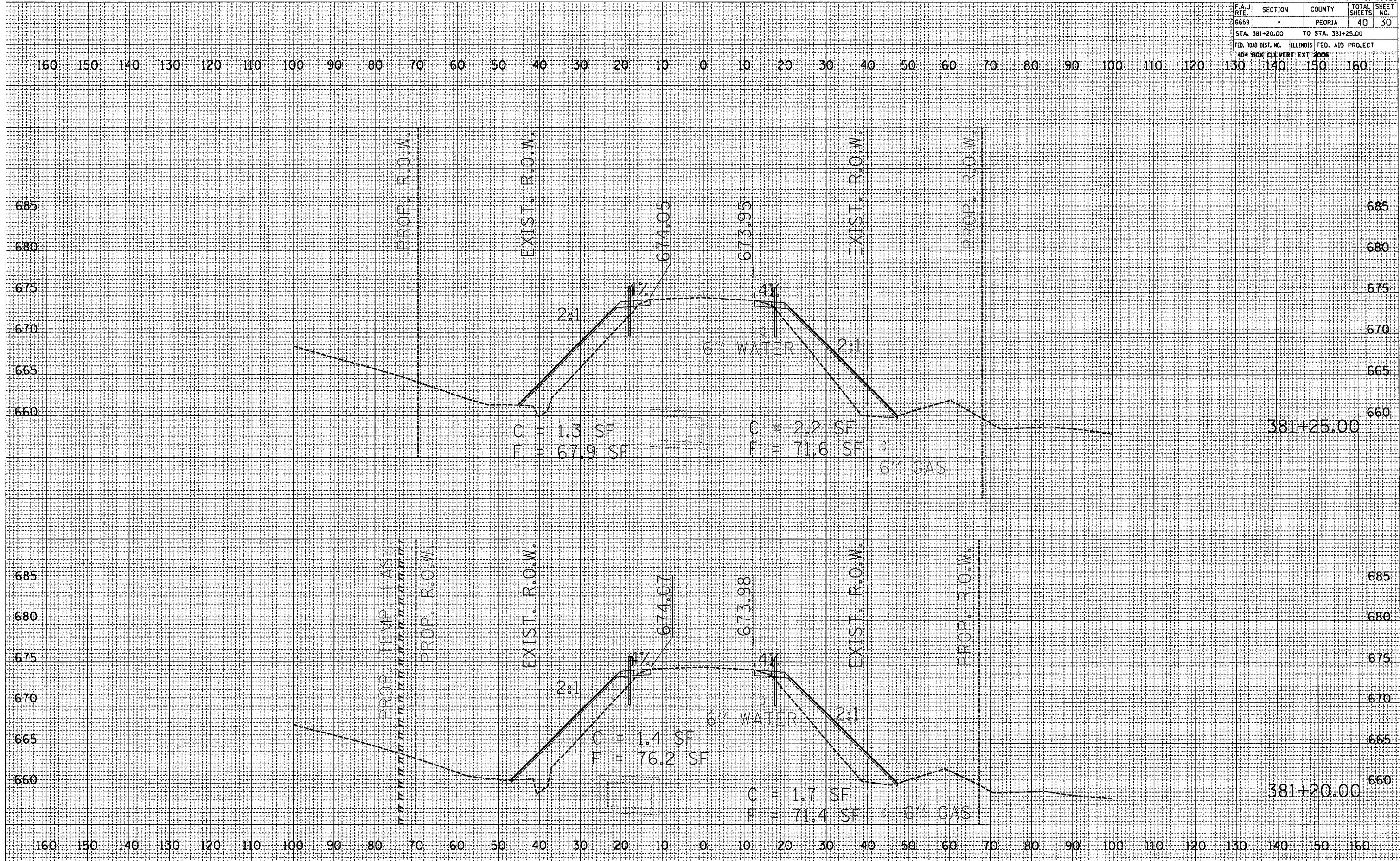


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659		PEORIA	40	30
STA. 381+20.00		TO STA. 381+25.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
409 BOX CULVERT EXT 2006				

FINAL SURVEY	BY	DATE
REVISIONS		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
REVISIONS		
PLOTTED		
TEMPLATE		
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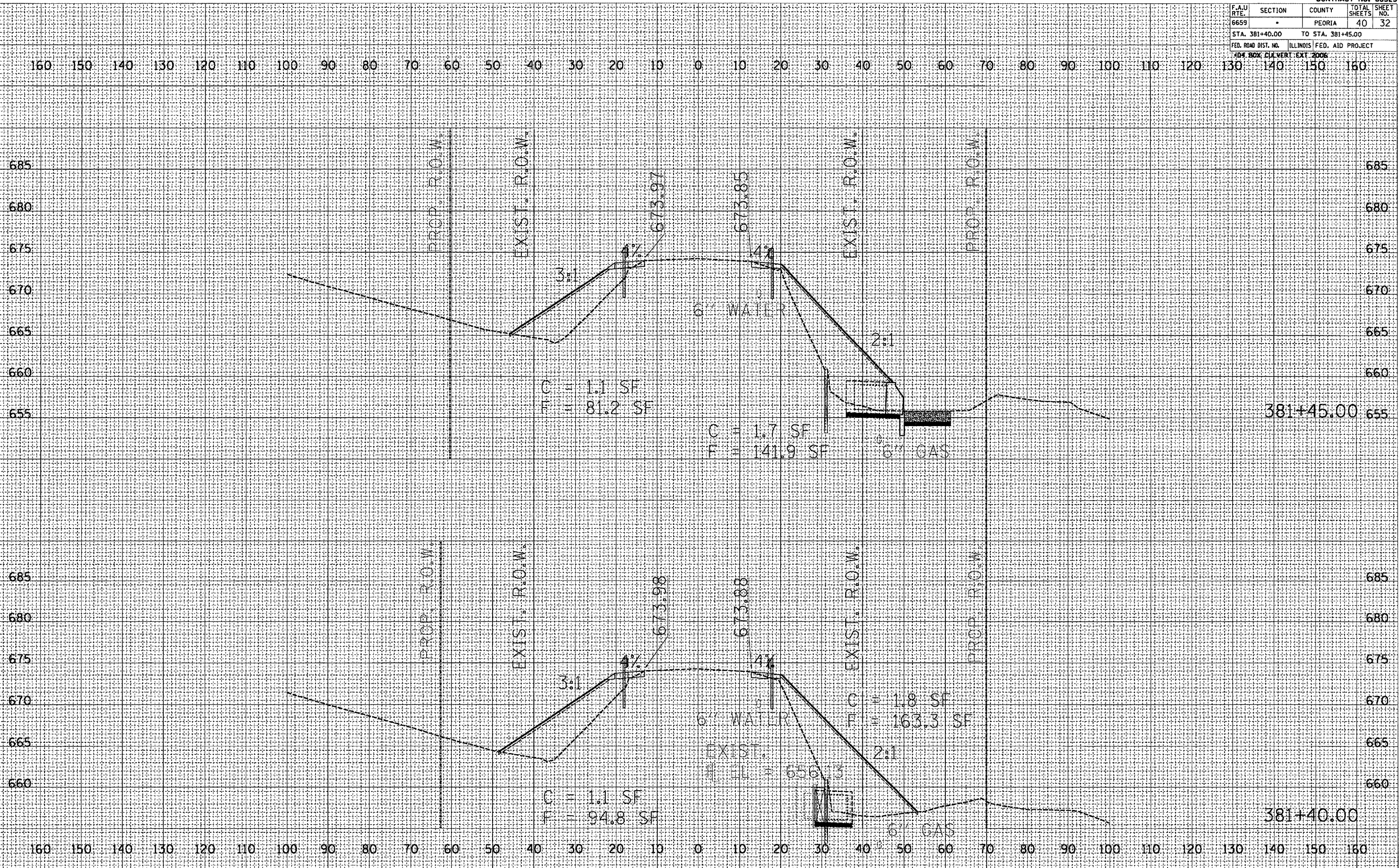








F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	32
STA. 381+40.00 TO STA. 381+45.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
404 BOX CULVERT EXT. 2006				



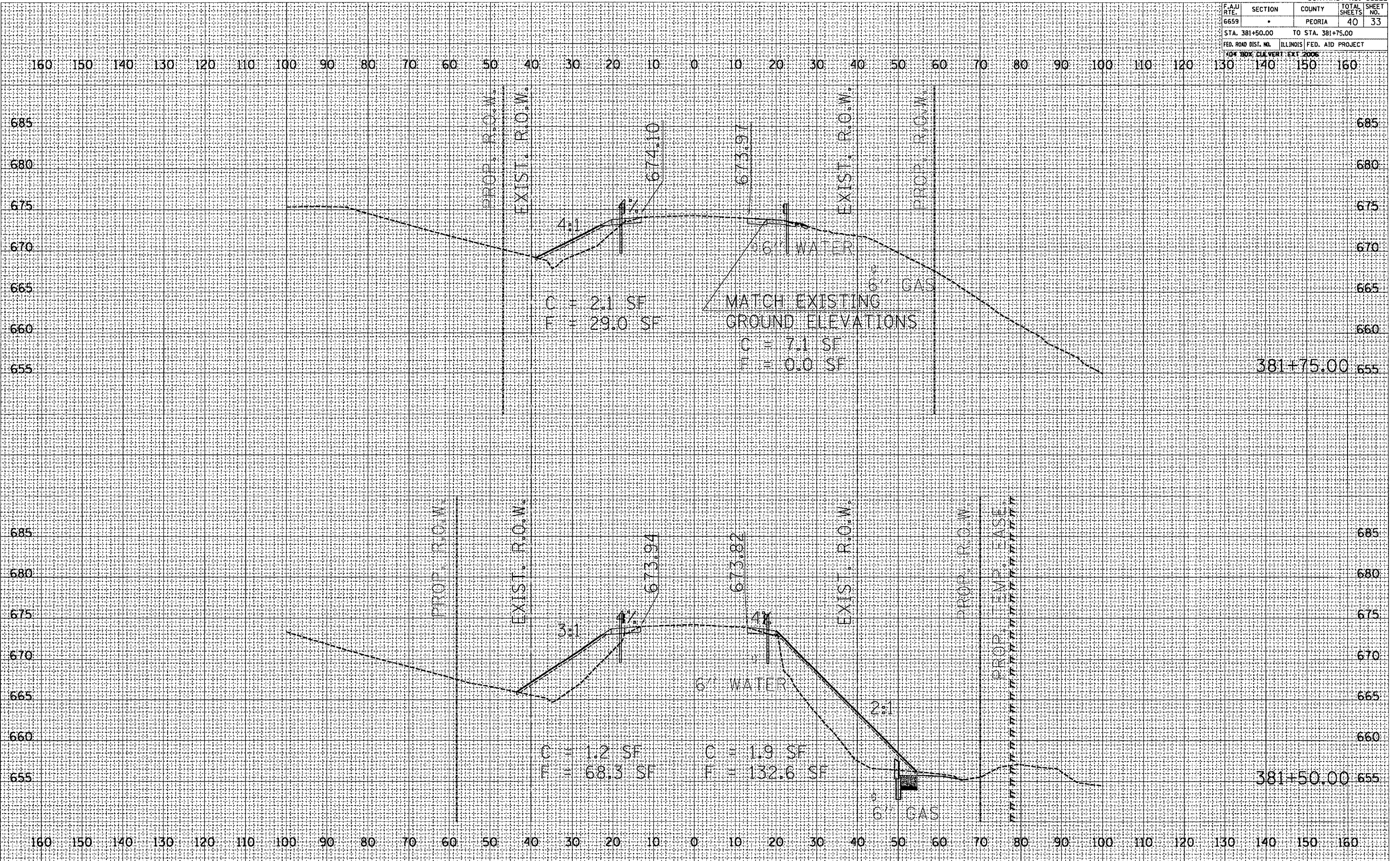
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 NOTE BOOK TEMPLATE  
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 AREAS CHECKED

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 REFERENCE = 8198



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 381+50.00		TO STA. 381+75.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
40' BOX CULVERT EXT 2006				



FINAL SURVEY BY DATE  
 SURVEYED BY DATE  
 TEMPLATE AREAS CHECKED  
 NOTE BOOK AREAS CHECKED  
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ORIGINAL SURVEY BY DATE  
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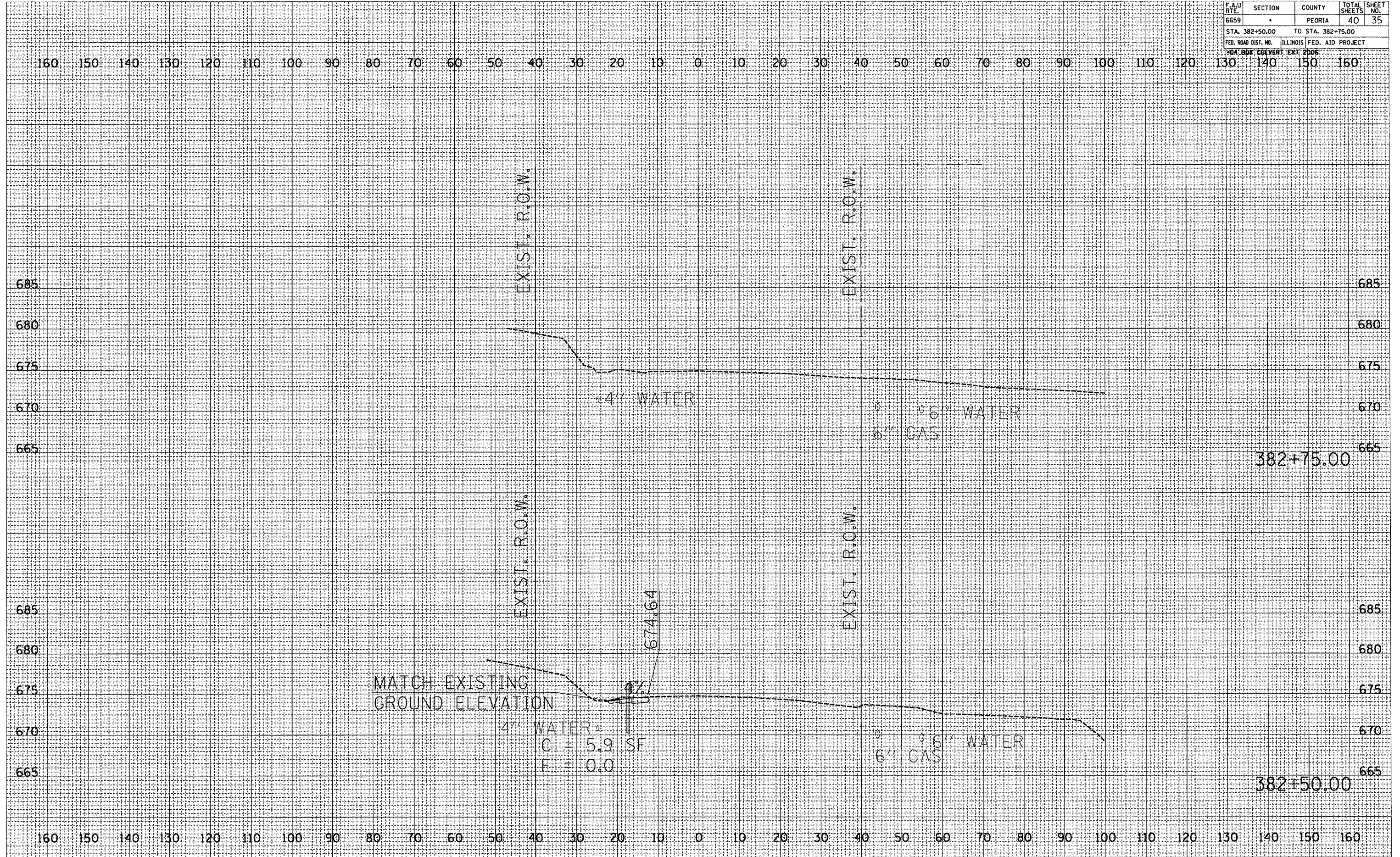


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STA. 382+50.00		TO STA. 382+75.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
FED. BOX CULVERT EXT 2005				

FINAL SURVEY	BY	DATE
REVISIONS		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
REVISIONS		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		

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 REFERENCE = SHEETS



382+75.00

382+50.00

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

MATCH EXISTING  
GROUND ELEVATION

4" WATER

6" GAS  
6" WATER

4" WATER  
C = 5.9 SF  
F = 0.0

6" GAS  
6" WATER

674.64



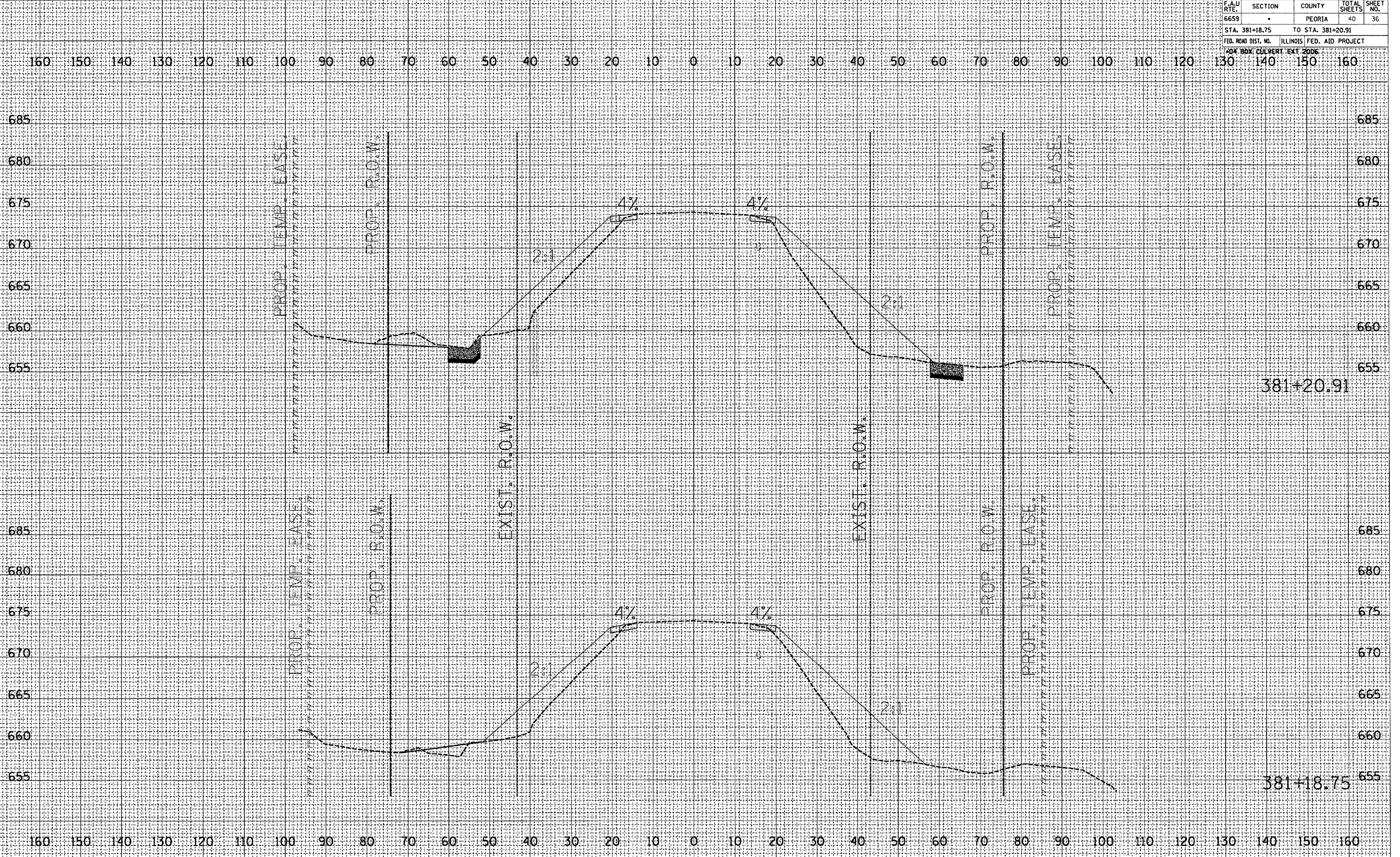
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6659	*	PEORIA	40	36
STA. 381+18.75 TO STA. 381+20.91				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BOX BOX CURVERT EXT 2006

FINAL SURVEY	DATE
REVISIONS	
PLOTTED	
REPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
REVISIONS	
PLOTTED	
REPLATE	
AREAS	
CHECKED	

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PARALLEL TO CULVERT

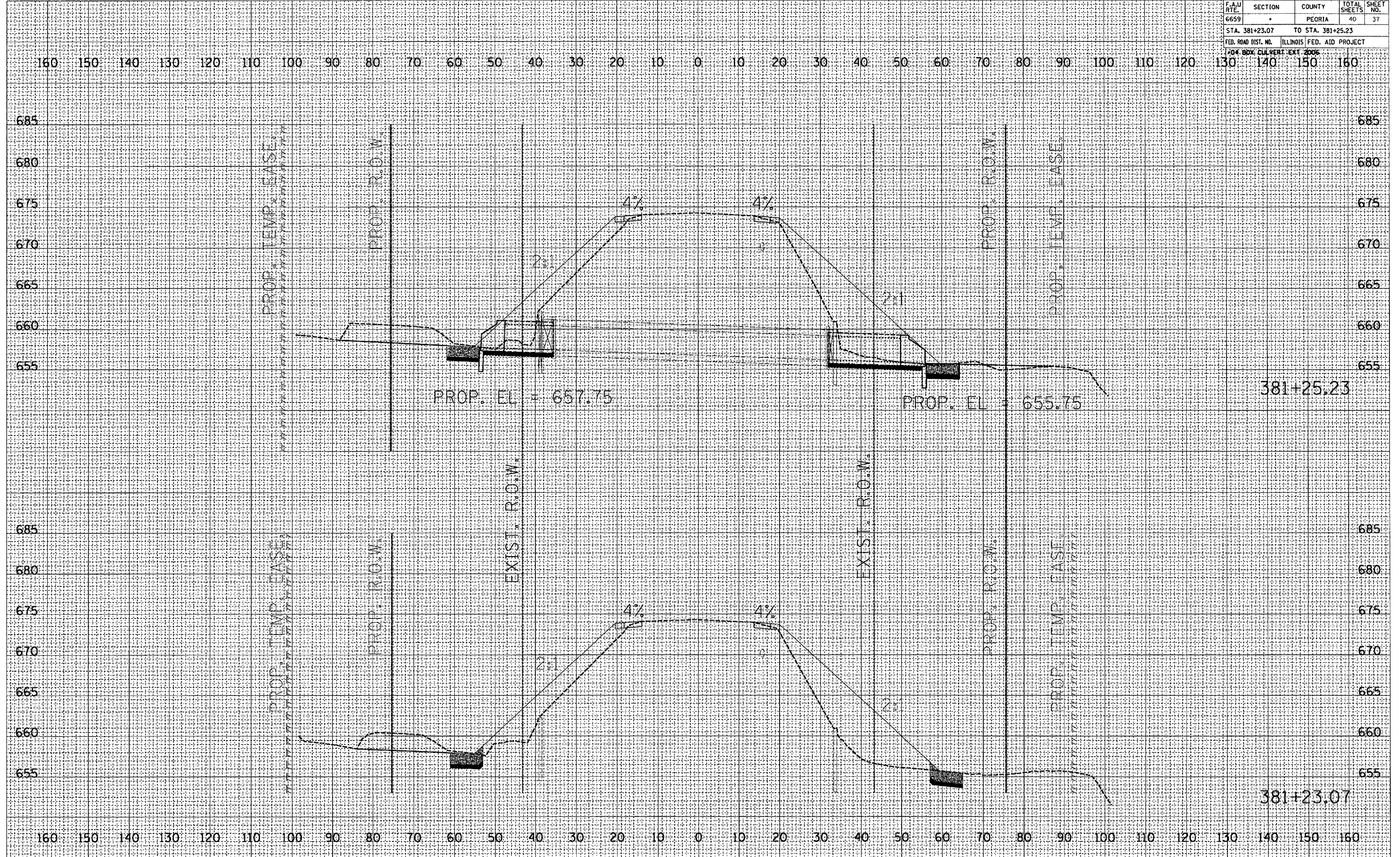


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6659	*	PEORIA	40	37
STA. 381+23.07 TO STA. 381+25.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
1-04 BDK. CULVERT EXT 2006				

FINAL SURVEY	DATE
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PARALLEL TO CULVERT









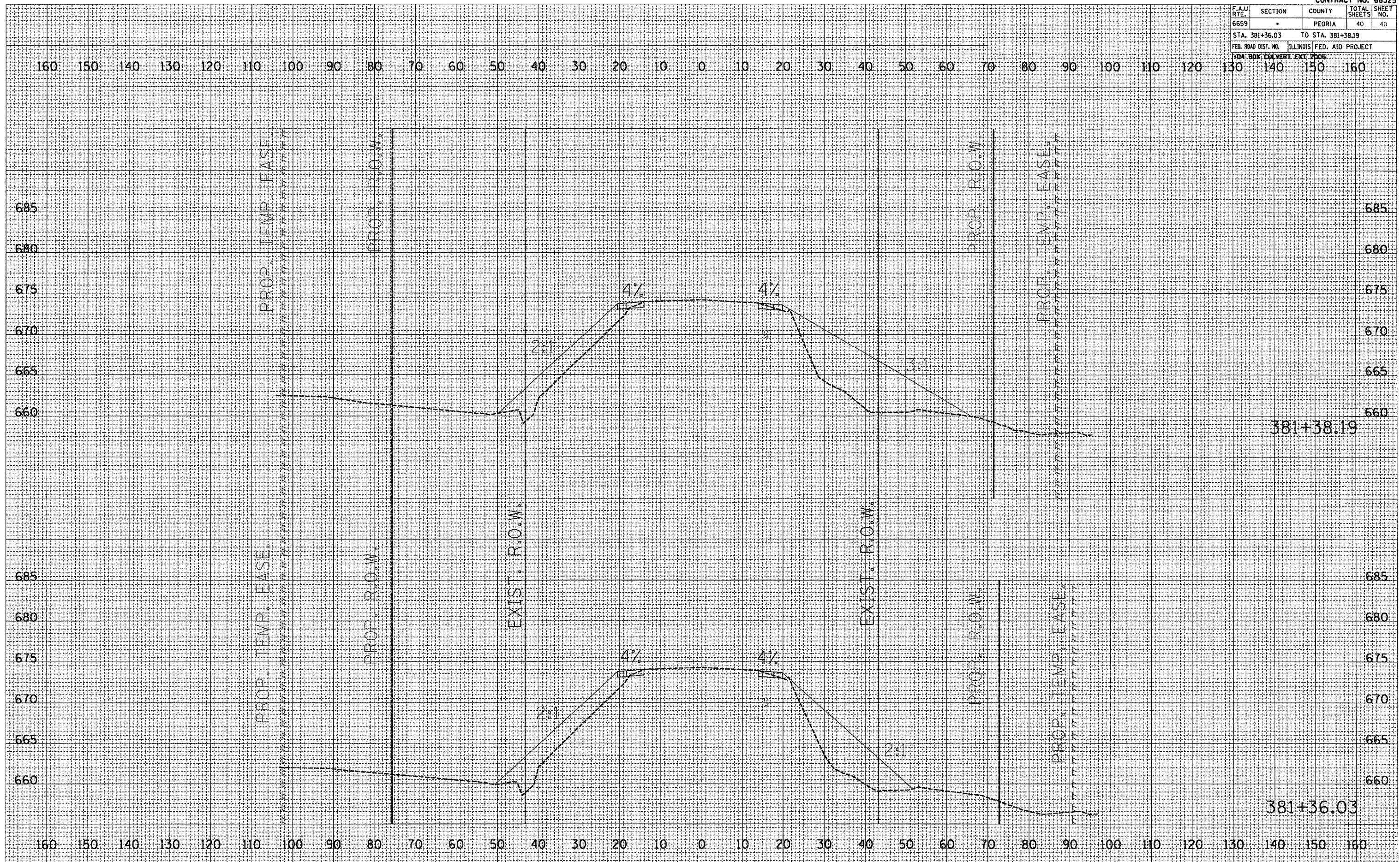


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6659	*	PEORIA	40	40
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
FORM BOX CONVERT. EXC. 2006				

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

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