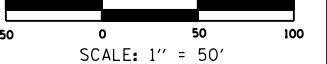
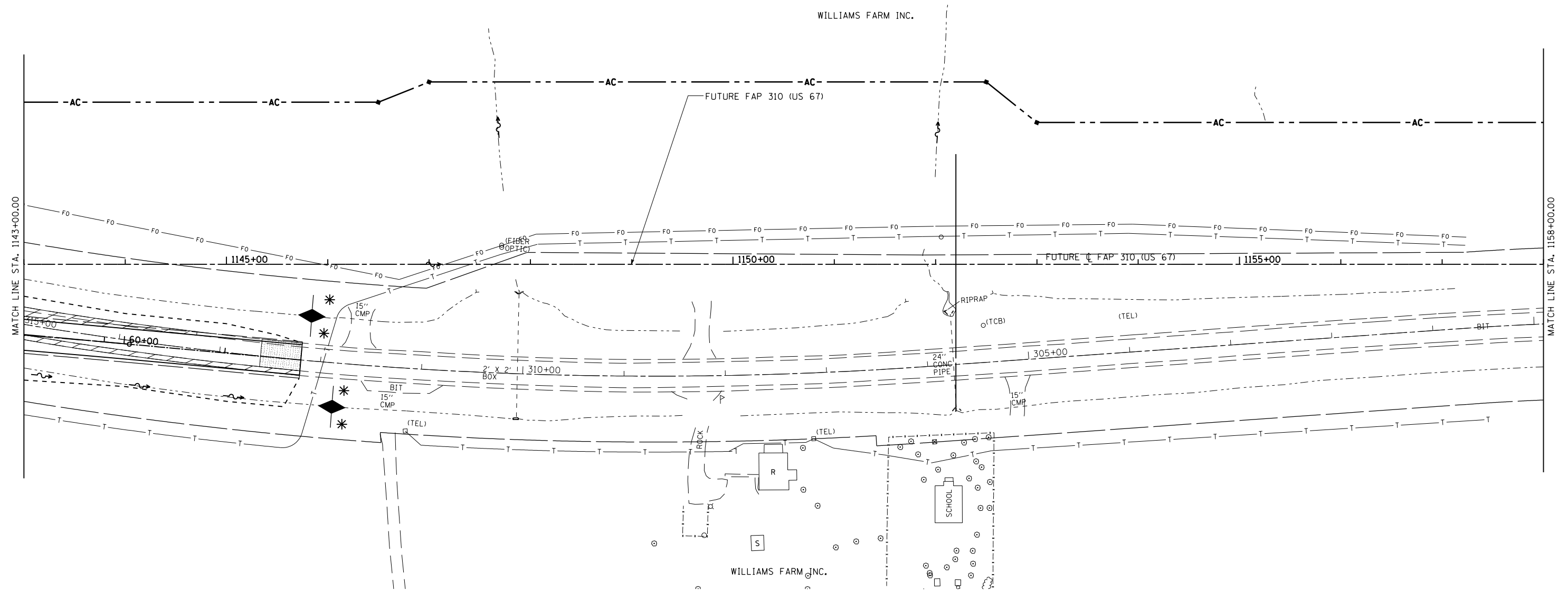


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c:\pwwork\pwwork\sparksgw\10264875\EC	Mainline15-28.dgn	DRAWN - CADD	REVISED - OCT 2010 (JCN)
	PLOT SCALE = 100.0000' / in.	CHECKED - JCN	REVISED -
	PLOT DATE = Mar-30-2011 09:44:24AM	DATE - APRIL 5, 1999	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STORM WATER POLLUTION PREVENTION PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. 1128+00.00 TO STA. 1143+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	401
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Sparksgw	DESIGNED -	REVISED - AUG 2007 (JCN)
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	PLOT SCALE = 100.0000' / in.	CHECKED - JCN	REVISED -
	PLOT DATE = Mar-30-2011 09:44:25AM	DATE - APRIL 5, 1999	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION
PREVENTION PLAN**

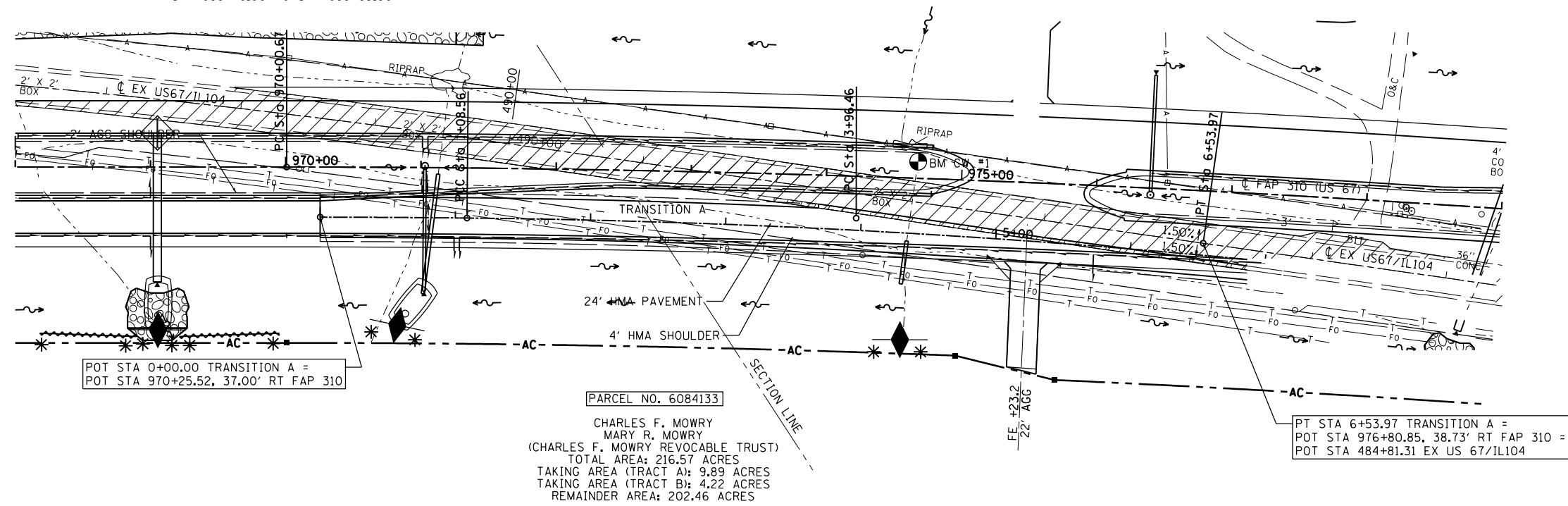
SCALE: SHEET NO. OF SHEETS STA. 1143+00.00 TO STA. 1158+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	402
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROP. CURVE MLE17
 PI STA. = 979+37.53
 $\Delta = 8^\circ 10' 00''$ (RT)
 $D = 0^\circ 26' 12''$
 $R = 13,123.33'$
 $T = 936.85'$
 $L = 1,870.54'$
 $E = 33.40'$
 $e = 0.015$
 P.C. STA. = 970+00.67
 P.T. STA. = 988+71.21

S.E. TRANSITION
 STA 968+87.00 TO STA 970+23.00
 STA 988+49.00 TO STA 989+85.00

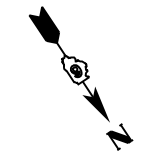
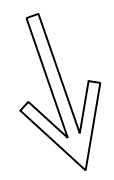
PROP. CURVE TRANSA
 PI STA. = 5+25.42
 $\Delta = 8^\circ 02' 26''$ (RT)
 $D = 3^\circ 07' 21''$
 $R = 1,835.00'$
 $T = 128.97'$
 $L = 257.51'$
 $E = 4.53'$
 $e = NC$
 P.C. STA. = 3+96.46
 P.T. STA. = 6+53.97



POT STA 0+00.00 TRANSITION A =
 POT STA 970+25.52, 37.00' RT FAP 310

PARCEL NO. 6084133
 CHARLES F. MOWRY
 MARY R. MOWRY
 (CHARLES F. MOWRY REVOCABLE TRUST)
 TOTAL AREA: 216.57 ACRES
 TAKING AREA (TRACT A): 9.89 ACRES
 TAKING AREA (TRACT B): 4.22 ACRES
 REMAINDER AREA: 202.46 ACRES

PT STA 6+53.97 TRANSITION A =
 POT STA 976+80.85, 38.73' RT FAP 310 =
 POT STA 484+81.31 EX US 67/IL104



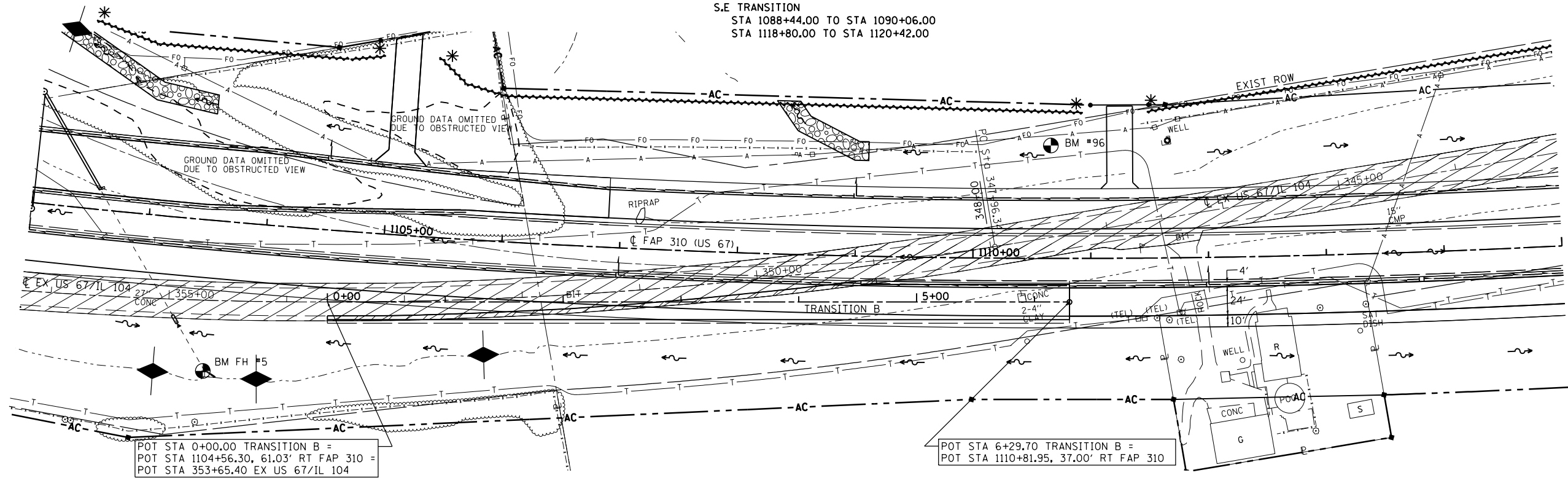
SCALE: 1" = 50'

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 72667			
	PLOT DATE = Mar-30-2011 09:44:30AM	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
TRANSITION A													



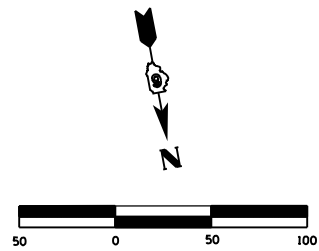
EXIST. CURVE 84
 PI STA. = 355+35.94
 $\Delta = 24^\circ 16' 39''$ (RT)
 $D = 1^\circ 39' 59''$
 $R = 3,438.56'$
 $T = 739.60'$
 $L = 1,457.00'$
 $E = 78.64'$
 P.C. STA. = 347+96.34
 P.T. STA. = 362+53.34

PROP. CURVE MLE19
 PI STA. = 1104+58.92
 $\Delta = 20^\circ 36' 00''$ (LT)
 $D = 0^\circ 41' 55''$
 $R = 8,202.08'$
 $T = 1,490.57'$
 $L = 2,948.96'$
 $E = 134.34'$
 $e = 0.025$
 P.C. STA. = 1089+68.35
 P.T. STA. = 1119+17.31
 S.E. TRANSITION
 STA 1088+44.00 TO STA 1090+06.00
 STA 1118+80.00 TO STA 1120+42.00



POT STA 0+00.00 TRANSITION B =
 POT STA 1104+56.30, 61.03' RT FAP 310 =
 POT STA 353+65.40 EX US 67/IL 104

POT STA 6+29.70 TRANSITION B =
 POT STA 1110+81.95, 37.00' RT FAP 310



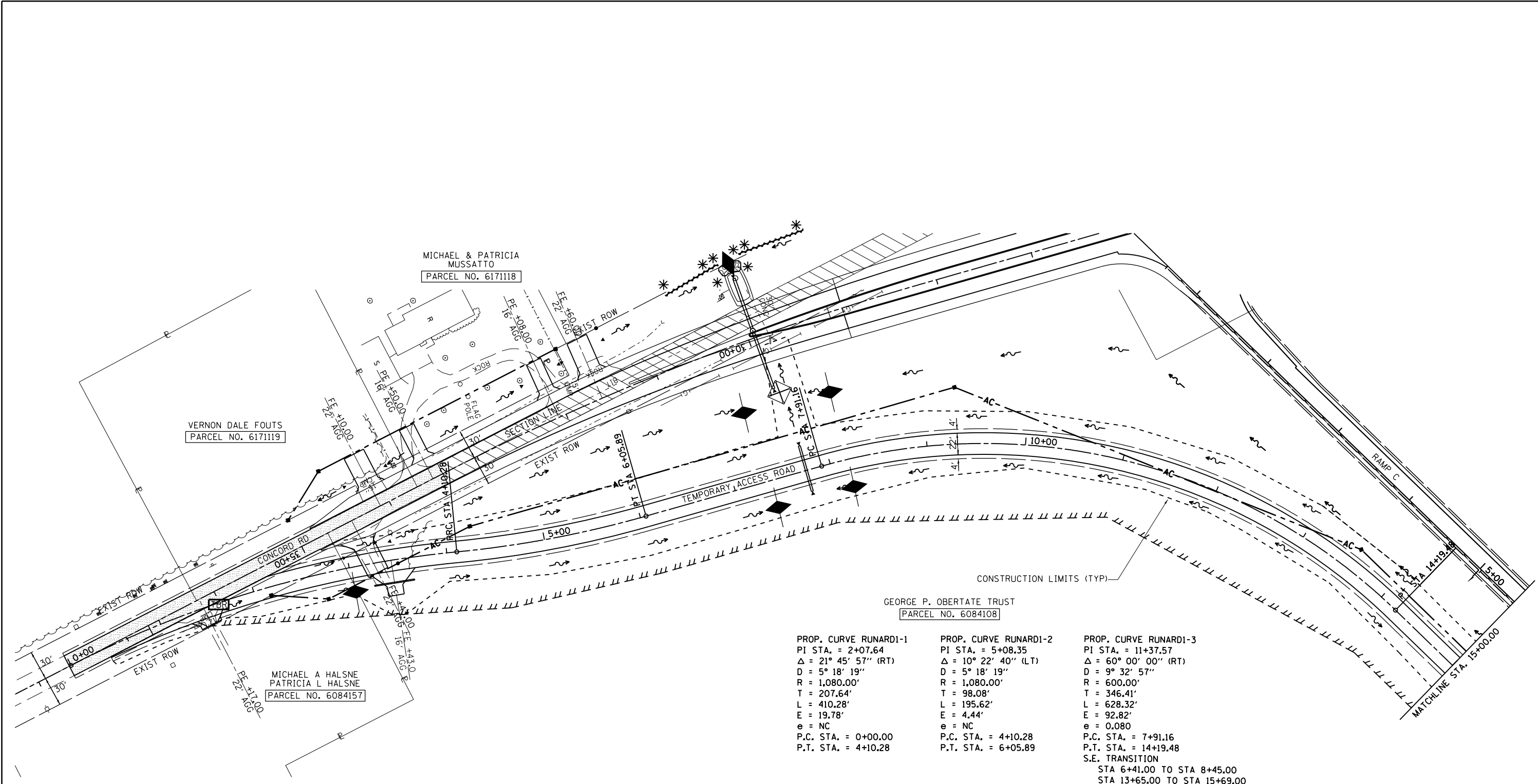
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	TransitionB.dgn	DRAWN -	REVISED -
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	PLOT DATE = Mar-30-2011 09:44:36AM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION
 PREVENTION PLAN**

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

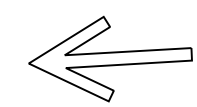
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	404
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROP. CURVE RUNARD1-1
 PI STA. = 2+07.64
 $\Delta = 21^\circ 45' 57''$ (RT)
 $D = 5^\circ 18' 19''$
 $R = 1,080.00'$
 $T = 207.64'$
 $L = 410.28'$
 $E = 19.78'$
 $e = NC$
 P.C. STA. = 0+00.00
 P.T. STA. = 4+10.28

PROP. CURVE RUNARD1-2
 PI STA. = 5+08.35
 $\Delta = 10^\circ 22' 40''$ (LT)
 $D = 5^\circ 18' 19''$
 $R = 1,080.00'$
 $T = 98.08'$
 $L = 195.62'$
 $E = 4.44'$
 $e = NC$
 P.C. STA. = 4+10.28
 P.T. STA. = 6+05.89

PROP. CURVE RUNARD1-3
 PI STA. = 11+37.57
 $\Delta = 60^\circ 00' 00''$ (RT)
 $D = 9^\circ 32' 57''$
 $R = 600.00'$
 $T = 346.41'$
 $L = 628.32'$
 $E = 92.82'$
 $e = 0.080$
 P.C. STA. = 7+91.16
 P.T. STA. = 14+19.48
 S.E. TRANSITION
 STA 6+41.00 TO STA 8+45.00
 STA 13+65.00 TO STA 15+69.00



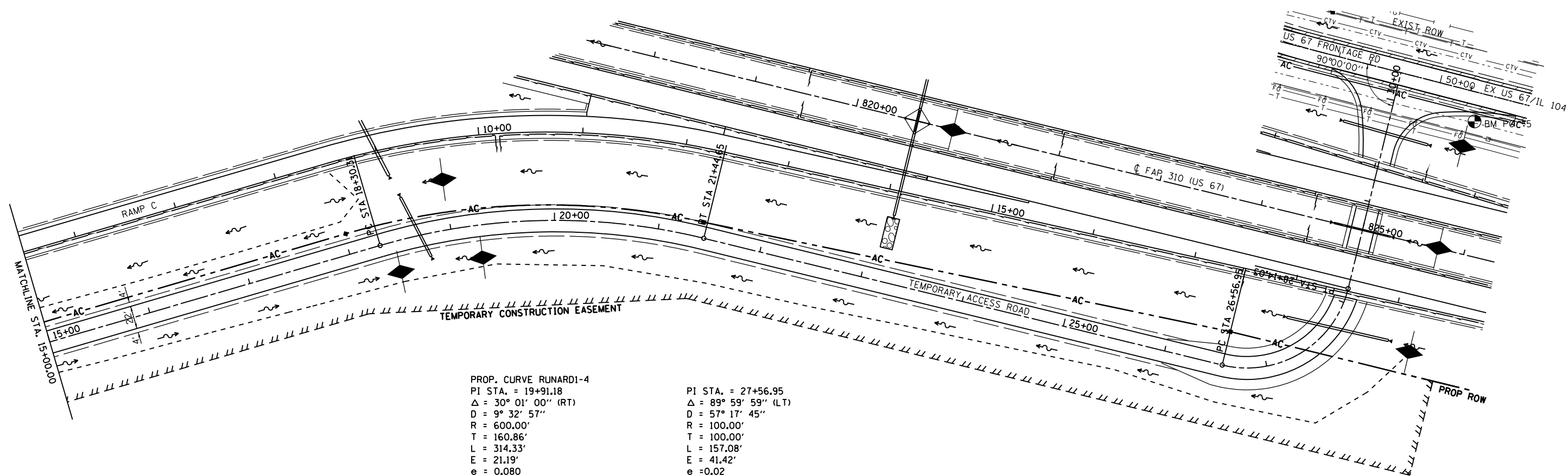
SCALE: 1" = 50'

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Mar-30-2011 09:44:42AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

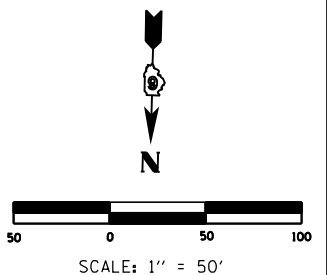
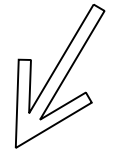
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	405
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



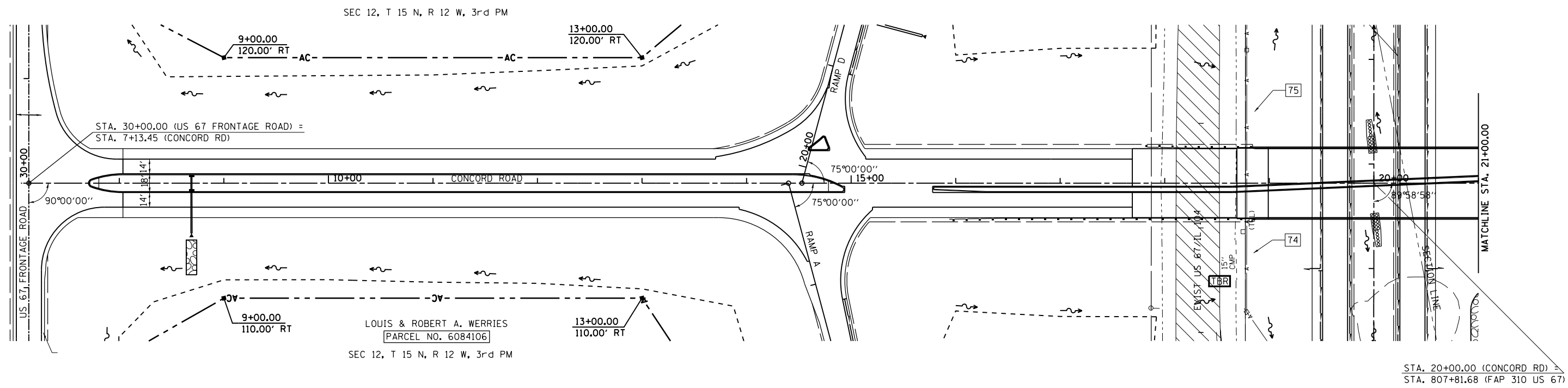
PROP. CURVE RUNARD1-4
 PI STA. = 19+91.18
 $\Delta = 30^\circ 01' 00''$ (RT)
 $D = 9^\circ 32' 57''$
 $R = 600.00'$
 $T = 160.86'$
 $L = 314.33'$
 $E = 21.19'$
 $e = 0.080$
 P.C. STA. = 18+30.31
 P.T. STA. = 21+44.65
 S.E. TRANSITION
 STA 16+81.00 TO STA 18+85.00
 STA 20+90.00 TO STA 22+94.00

PI STA. = 27+56.95
 $\Delta = 89^\circ 59' 59''$ (LT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 100.00'$
 $L = 157.08'$
 $E = 41.42'$
 $e = 0.02$
 P.C. STA. = 26+56.95
 P.T. STA. = 28+14.03
 S.E. TRANSITION
 STA 26+07.00 TO STA 26+67.00
 STA 27+77.01 TO STA 27+04.01

GEORGE P. OBERTATE TRUST
 PARCEL NO. 6084108



FILE NAME =	USER NAME = Sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\sparksgw\10264875\EC	tempAccessRd.dgn	DRAWN -	REVISED -		310	69-3	MORGAN	793	406				
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 72667								
	PLOT DATE = Mar-30-2011 09:44:42AM	DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT							



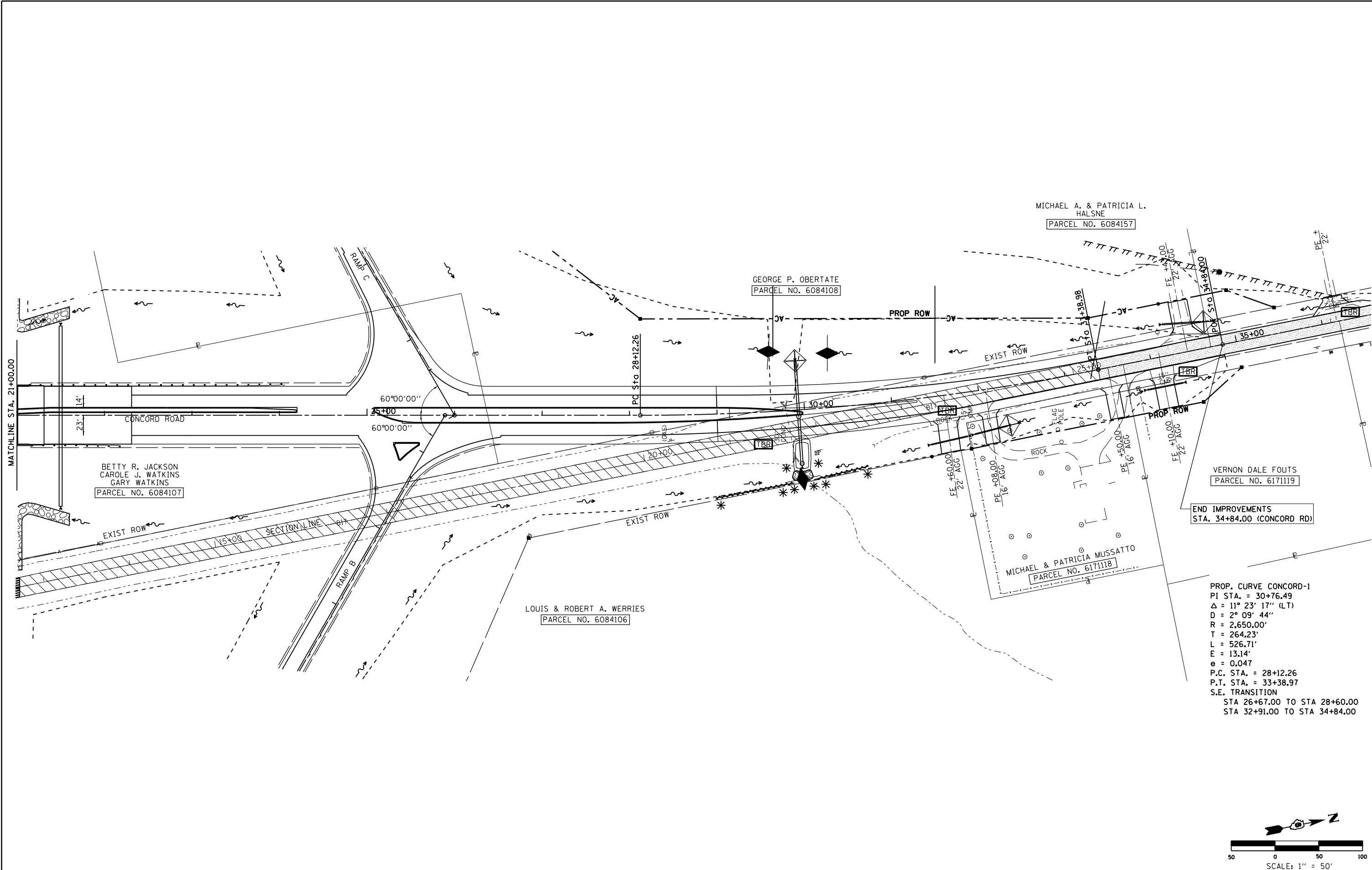
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

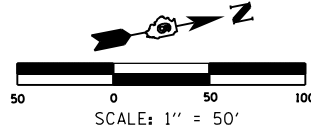
**STORM WATER POLLUTION
PREVENTION PLAN**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	407
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROP. CURVE CONCORD-1
 PI STA. = 30+76.49
 Δ = 11° 23' 17" (LT)
 D = 2° 09' 44"
 R = 2,650.00'
 T = 264.23'
 L = 526.71'
 E = 13.14'
 e = 0.047
 P.C. STA. = 28+12.26
 P.T. STA. = 33+38.97
 S.E. TRANSITION
 STA 26+67.00 TO STA 28+60.00
 STA 32+91.00 TO STA 34+84.00



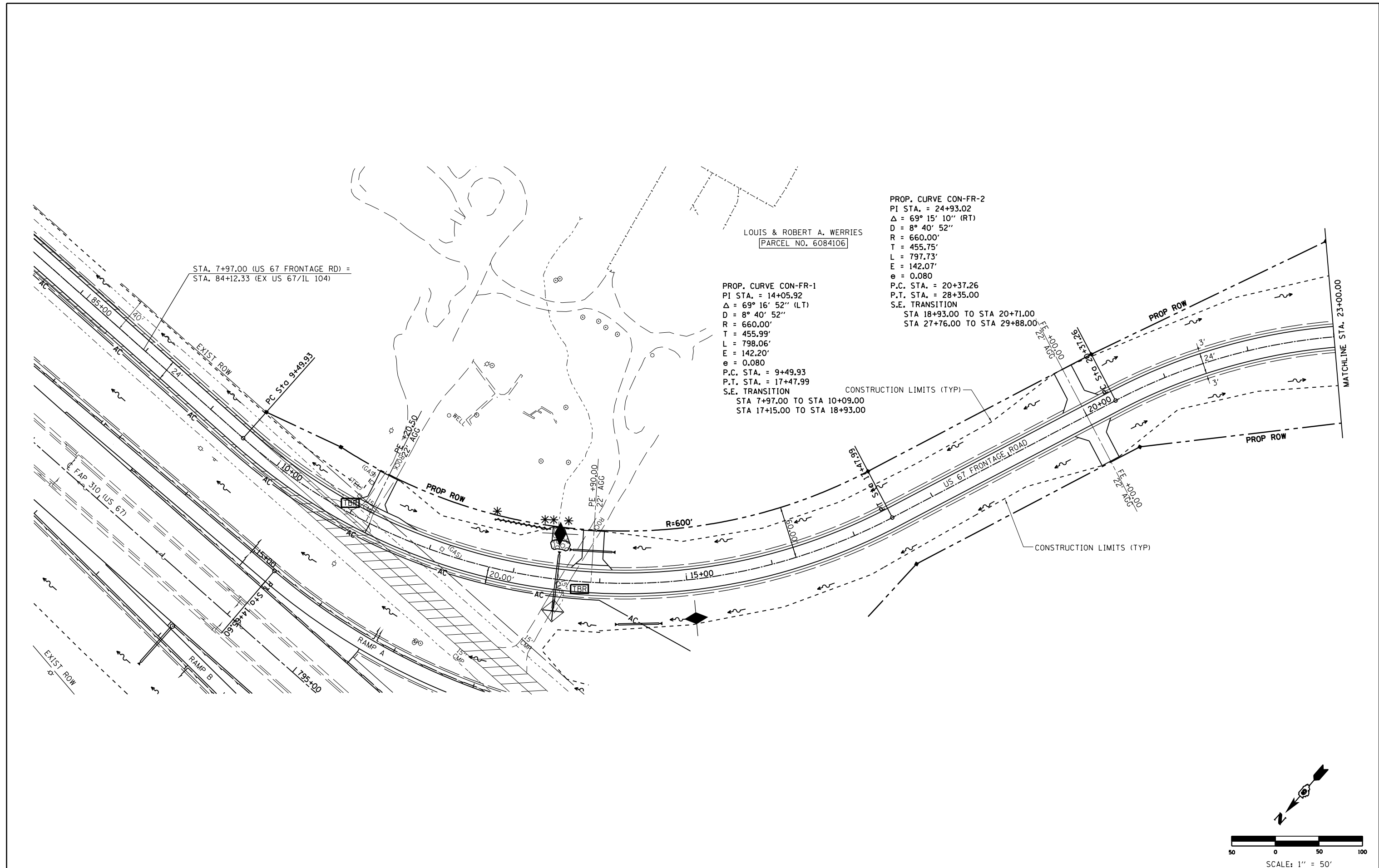
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	PLOT DATE = Mar-30-2011 09:44:49AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION
PREVENTION PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	408
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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



LOUIS & ROBERT A. WERRIES
 PARCEL NO. 6084106

PROP. CURVE CON-FR-1
 PI STA. = 14+05.92
 $\Delta = 69^\circ 16' 52''$ (LT)
 $D = 8^\circ 40' 52''$
 $R = 660.00'$
 $T = 455.99'$
 $L = 798.06'$
 $E = 142.20'$
 $e = 0.080$
 P.C. STA. = 9+49.93
 P.T. STA. = 17+47.99
 S.E. TRANSITION
 STA 7+97.00 TO STA 10+09.00
 STA 17+15.00 TO STA 18+93.00

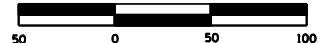
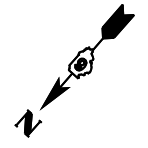
PROP. CURVE CON-FR-2
 PI STA. = 24+93.02
 $\Delta = 69^\circ 15' 10''$ (RT)
 $D = 8^\circ 40' 52''$
 $R = 660.00'$
 $T = 455.75'$
 $L = 797.73'$
 $E = 142.07'$
 $e = 0.080$
 P.C. STA. = 20+37.26
 P.T. STA. = 28+35.00
 S.E. TRANSITION
 STA 18+93.00 TO STA 20+71.00
 STA 27+76.00 TO STA 29+88.00

STA. 7+97.00 (US 67 FRONTAGE RD) =
 STA. 84+12.33 (EX US 67/IL 104)

CONSTRUCTION LIMITS (TYP)

CONSTRUCTION LIMITS (TYP)

MATCHLINE STA. 23+00.00



SCALE: 1" = 50'

FILE NAME =	USER NAME = Sparksgw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksgw\0264875\EC...	sideroads15-27.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Mar-30-2011 09:44:50AM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION
 PREVENTION PLAN**

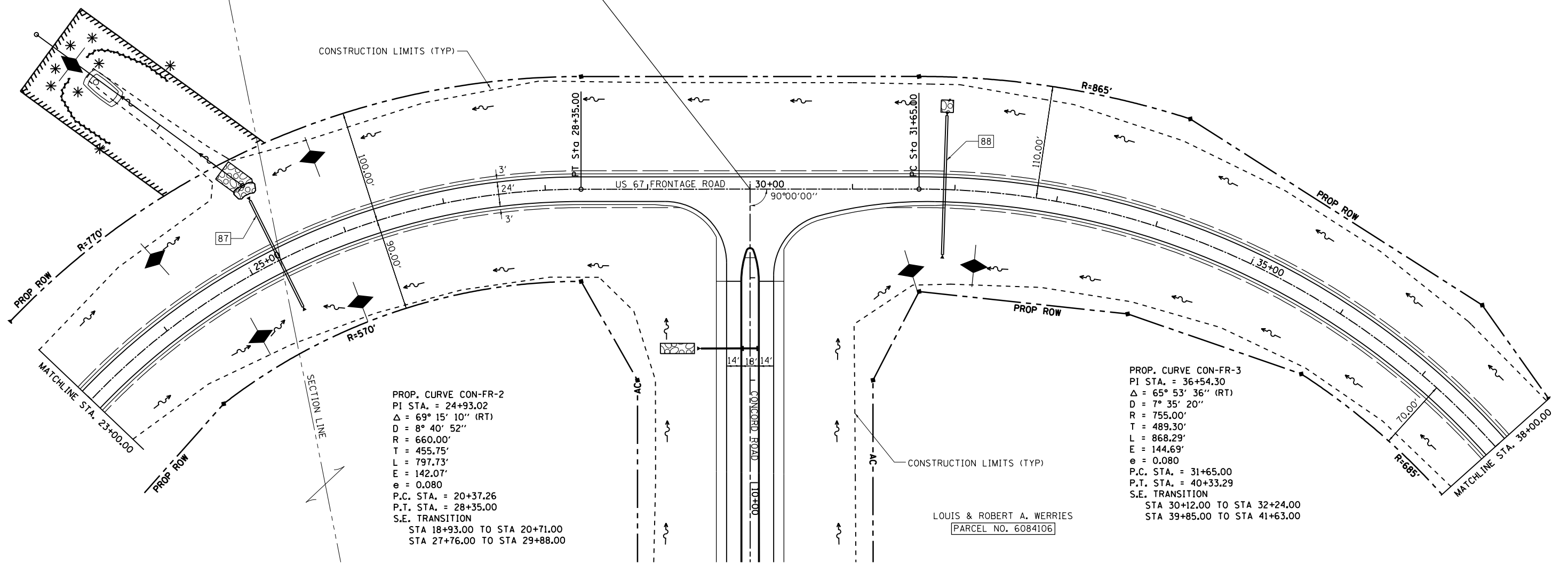
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	409
CONTRACT NO. 72667				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

PERMANENT EASEMENT
REQUIRED FOR REGRADING
OF DRAINAGE SWALE

STA. 30+00.00 (US 67 FRONTAGE RD) =
STA. 7+13.45 (CONCORD RD)

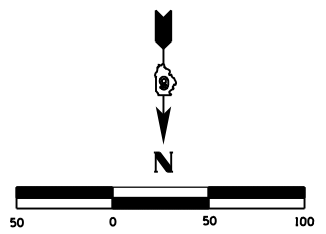
CONSTRUCTION LIMITS (TYP)



PROP. CURVE CON-FR-2
PI STA. = 24+93.02
 $\Delta = 69^\circ 15' 10''$ (RT)
D = $8^\circ 40' 52''$
R = 660.00'
T = 455.75'
L = 797.73'
E = 142.07'
e = 0.080
P.C. STA. = 20+37.26
P.T. STA. = 28+35.00
S.E. TRANSITION
STA 18+93.00 TO STA 20+71.00
STA 27+76.00 TO STA 29+88.00

PROP. CURVE CON-FR-3
PI STA. = 36+54.30
 $\Delta = 65^\circ 53' 36''$ (RT)
D = $7^\circ 35' 20''$
R = 755.00'
T = 489.30'
L = 868.29'
E = 144.69'
e = 0.080
P.C. STA. = 31+65.00
P.T. STA. = 40+33.29
S.E. TRANSITION
STA 30+12.00 TO STA 32+24.00
STA 39+85.00 TO STA 41+63.00

LOUIS & ROBERT A. WERRIES
[PARCEL NO. 6084106]



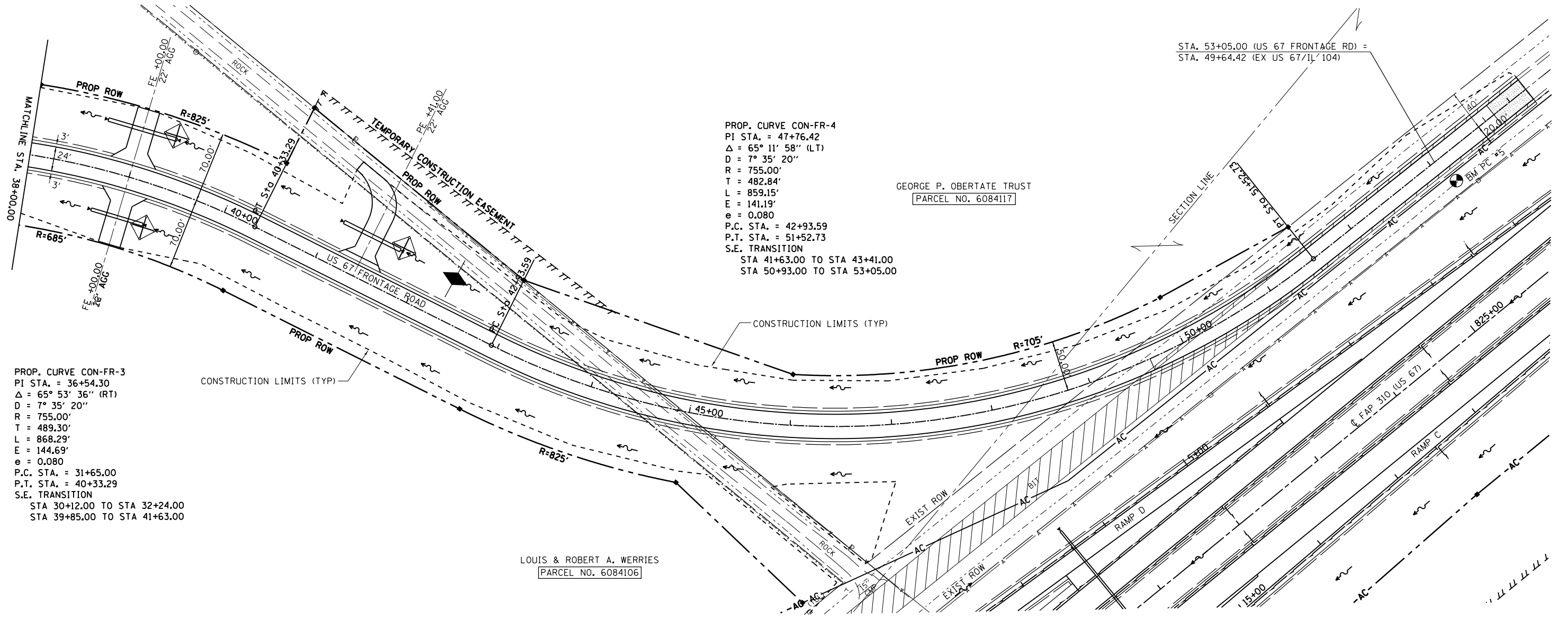
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	PLOT DATE = Mar-30-2011 09:44:50AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION
PREVENTION PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	410
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



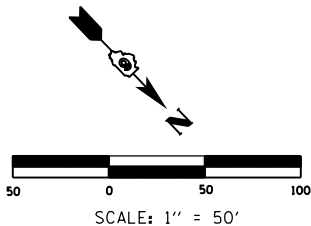
PROP. CURVE CON-FR-3
 PI STA. = 36+54.30
 $\Delta = 65^\circ 53' 36''$ (RT)
 $D = 7^\circ 35' 20''$
 $R = 755.00'$
 $T = 489.30'$
 $L = 868.29'$
 $E = 144.69'$
 $e = 0.080$
 P.C. STA. = 31+65.00
 P.T. STA. = 40+33.29
 S.E. TRANSITION
 STA 30+12.00 TO STA 32+24.00
 STA 39+85.00 TO STA 41+63.00

PROP. CURVE CON-FR-4
 PI STA. = 47+76.42
 $\Delta = 65^\circ 11' 58''$ (LT)
 $D = 7^\circ 35' 20''$
 $R = 755.00'$
 $T = 482.84'$
 $L = 859.15'$
 $E = 141.19'$
 $e = 0.080$
 P.C. STA. = 42+93.59
 P.T. STA. = 51+52.73
 S.E. TRANSITION
 STA 41+63.00 TO STA 43+41.00
 STA 50+93.00 TO STA 53+05.00

STA. 53+05.00 (US 67 FRONTAGE RD) =
 STA. 49+64.42 (EX US 67/IL/104)

GEORGE P. OBERTATE TRUST
 PARCEL NO. 6084117

LOUIS & ROBERT A. WERRIES
 PARCEL NO. 6084106



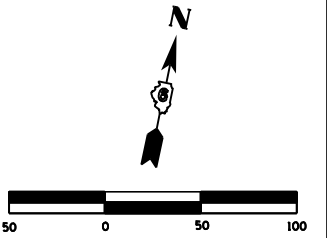
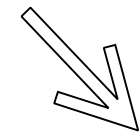
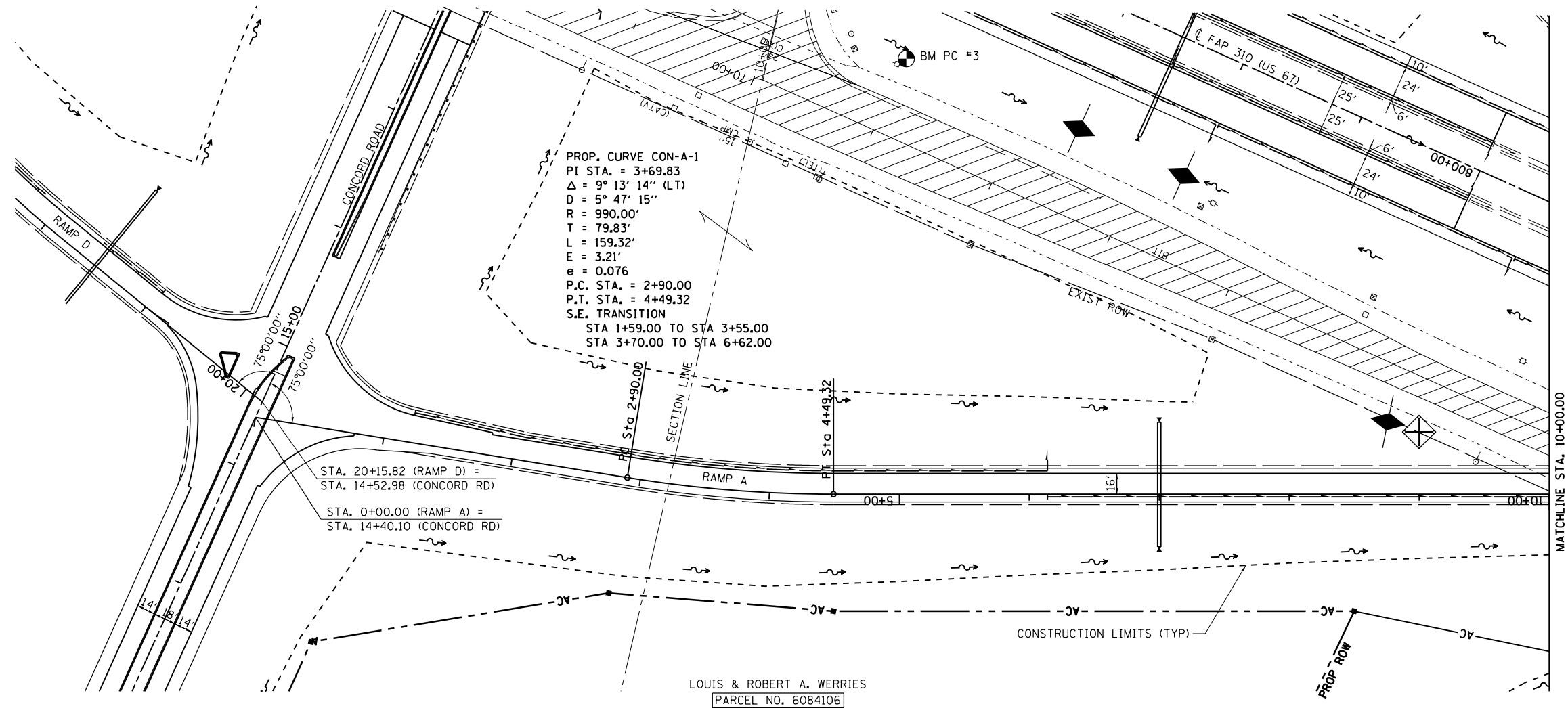
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	PLOT DATE = Mar-30-2011 09:44:51AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION
PREVENTION PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	411
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SCALE: 1" = 50'

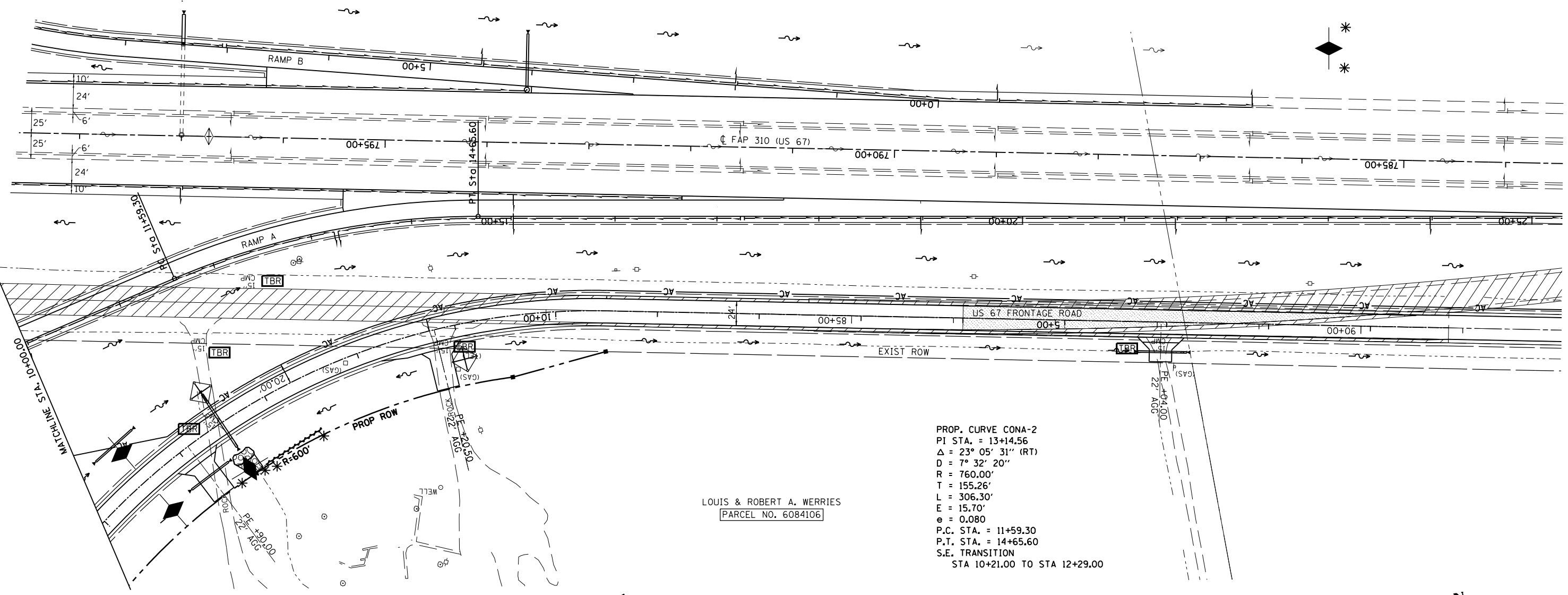
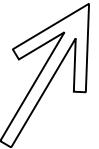
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

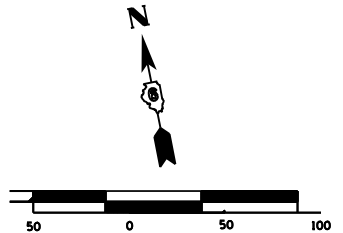
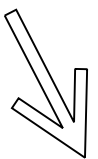
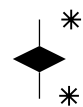
STORM WATER POLLUTION
PREVENTION PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	412
CONTRACT NO. 72667				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



LOUIS & ROBERT A. WERRIES
 [PARCEL NO. 6084106]



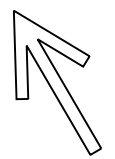
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

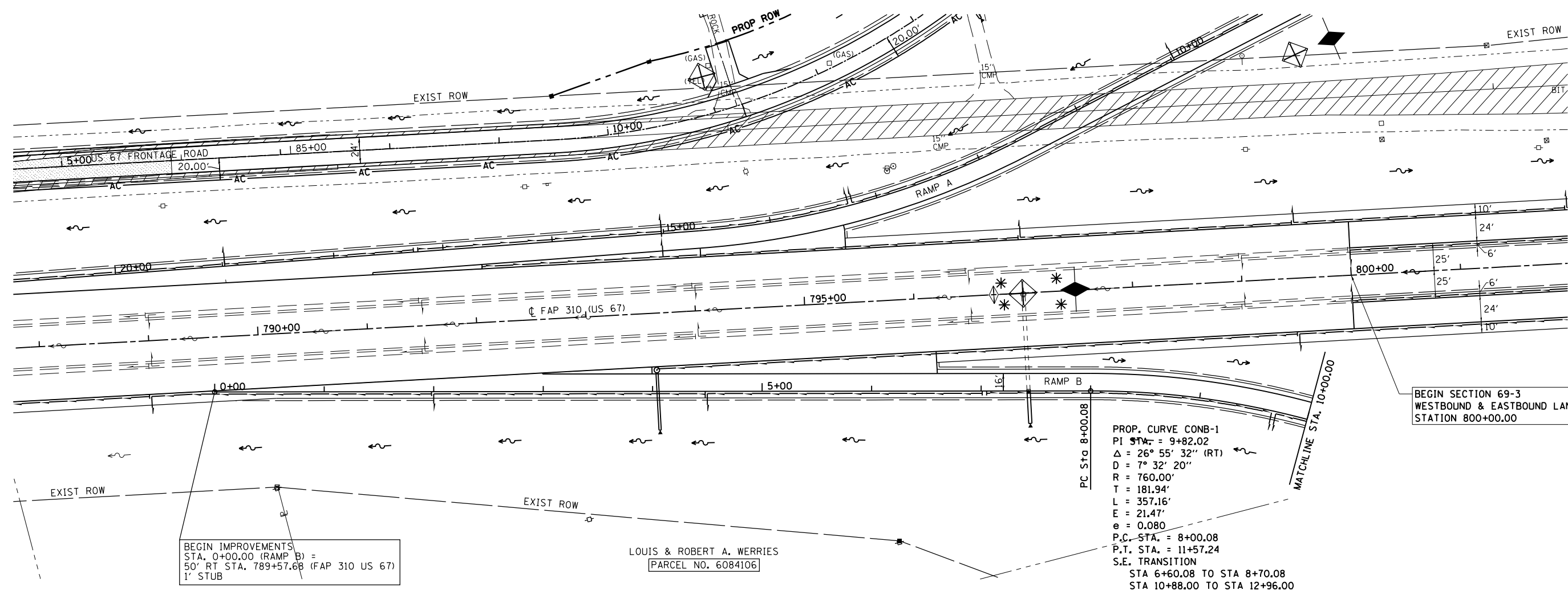
STORM WATER POLLUTION
PREVENTION PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	413
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



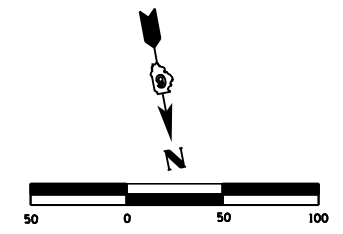
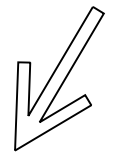
LOUIS & ROBERT A. WERRIES
 PARCEL NO. 6084106



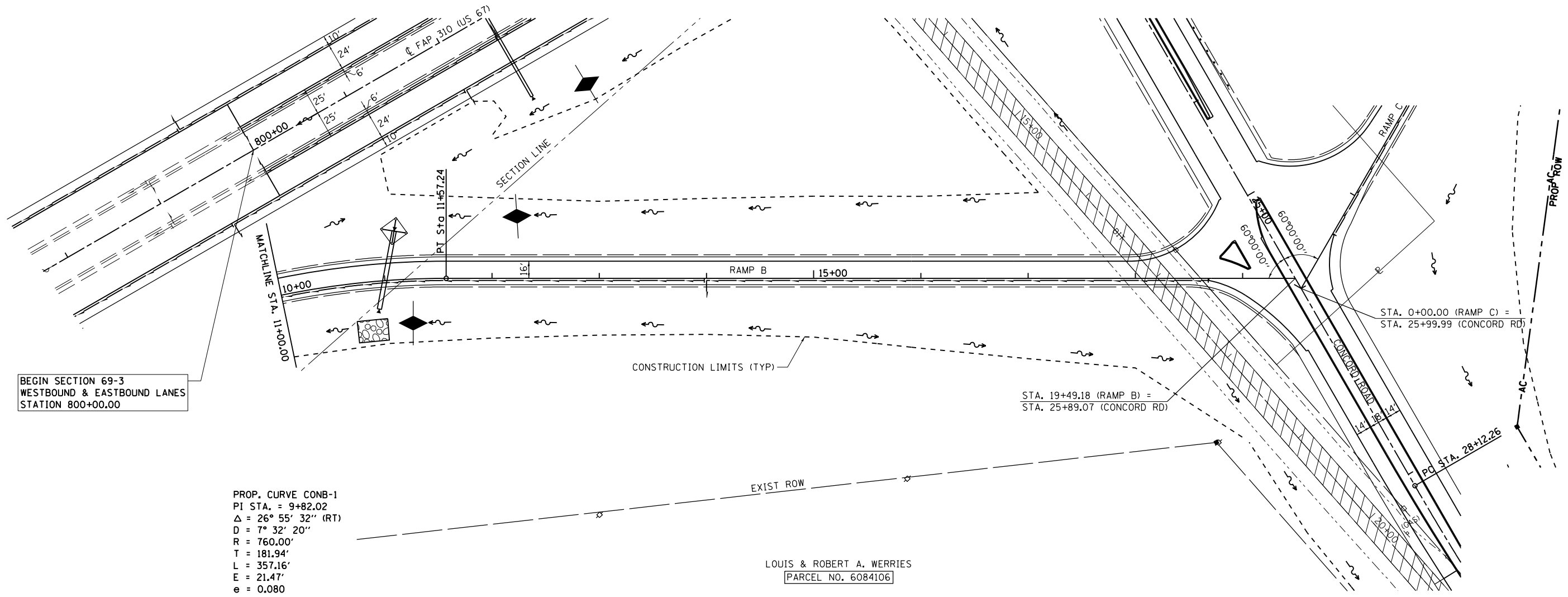
BEGIN IMPROVEMENTS
 STA. 0+00.00 (RAMP B) =
 50' RT STA. 789+57.68 (FAP 310 US 67)
 1' STUB

BEGIN SECTION 69-3
 WESTBOUND & EASTBOUND LANES
 STATION 800+00.00

LOUIS & ROBERT A. WERRIES
 PARCEL NO. 6084106



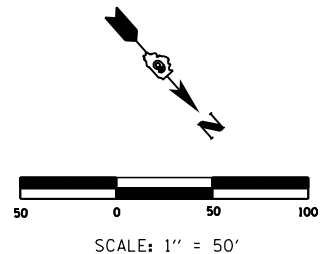
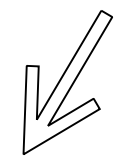
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c:\pwork\pwork\sparksgw\10264875\EC...	sideroads15-27.dgn	DRAWN -	REVISED -					310	69-3	MORGAN	793	414
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 72667							
PLOT DATE = Mar-30-2011 09:44:53AM	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					



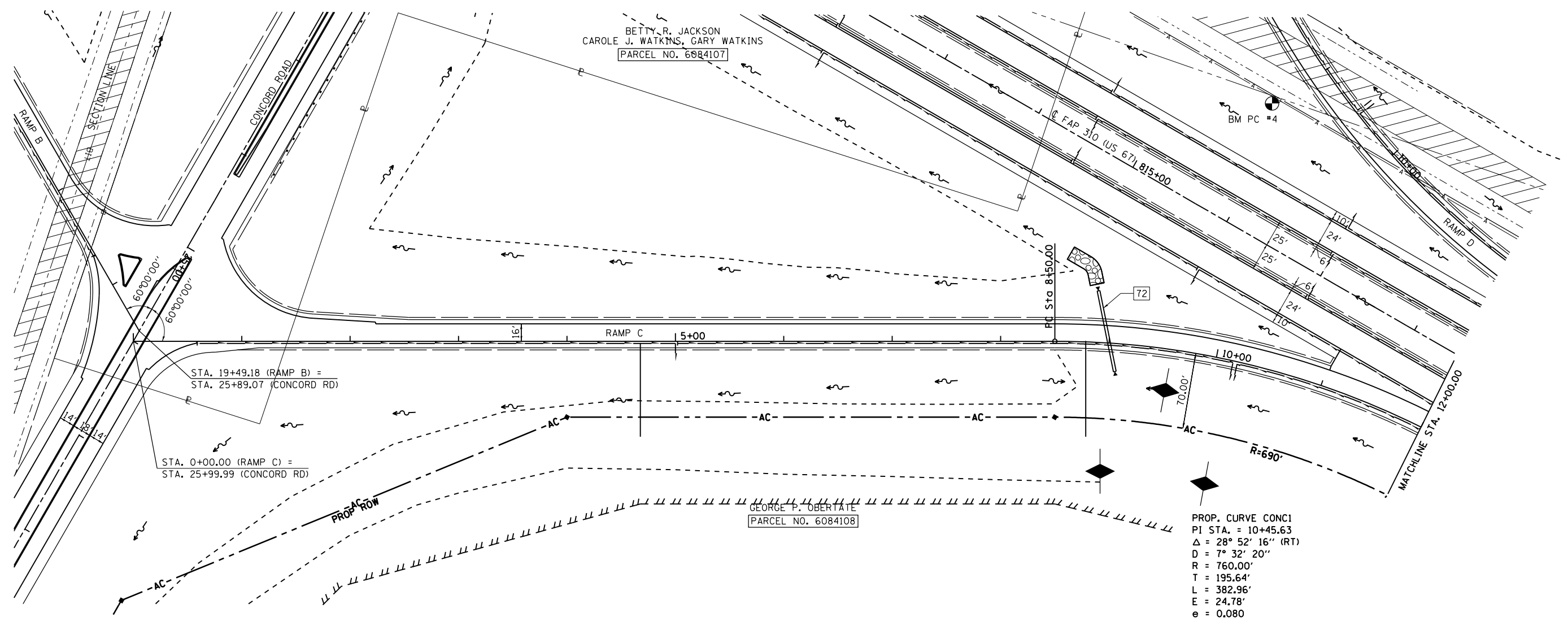
BEGIN SECTION 69-3
WESTBOUND & EASTBOUND LANES
STATION 800+00.00

PROP. CURVE CONB-1
PI STA. = 9+82.02
 $\Delta = 26^\circ 55' 32''$ (RT)
D = 7° 32' 20"
R = 760.00'
T = 181.94'
L = 357.16'
E = 21.47'
e = 0.080
P.C. STA. = 8+00.08
P.T. STA. = 11+57.24
S.E. TRANSITION
STA 6+60.08 TO STA 8+70.08
STA 10+88.00 TO STA 12+96.00

LOUIS & ROBERT A. WERRIES
PARCEL NO. 6084106



FILE NAME =	USER NAME = Sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pwork\pwork\sparksgw\10264875\EC...	sideroads15-27.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	310	69-3	MORGAN	793	415
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 72667						
	PLOT DATE = Mar-30-2011 09:44:54AM	DATE -	REVISED -						ILLINOIS FED. AID PROJECT						



STA. 19+49.18 (RAMP B) =
STA. 25+89.07 (CONCORD RD)

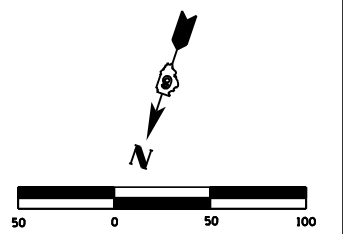
STA. 0+00.00 (RAMP C) =
STA. 25+99.99 (CONCORD RD)

BETTY R. JACKSON
CAROLE J. WATKINS, GARY WATKINS
PARCEL NO. 6084107

GEORGE P. OBERTATE
PARCEL NO. 6084108

PROP. CURVE CONC1
PI STA. = 10+45.63
 $\Delta = 28^\circ 52' 16''$ (RT)
D = $7^\circ 32' 20''$
R = 760.00'
T = 195.64'
L = 382.96'
E = 24.78'
e = 0.080
P.C. STA. = 8+50.00
P.T. STA. = 12+32.96
S.E. TRANSITION
STA 7+11.00 TO STA 9+19.00

BM PC#4
STA 815+85 @ 122' LT
60D NAIL IN POWER POLE
EL = 617.388



FILE NAME =	USER NAME = Sparksgw	DESIGNED -	REVISED -
c:\pw\work\p1dot\sparksgw\0264875\EC...	sideroads15-27.dgn	DRAWN -	REVISED -
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	PLOT DATE = Mar-30-2011 09:44:54AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

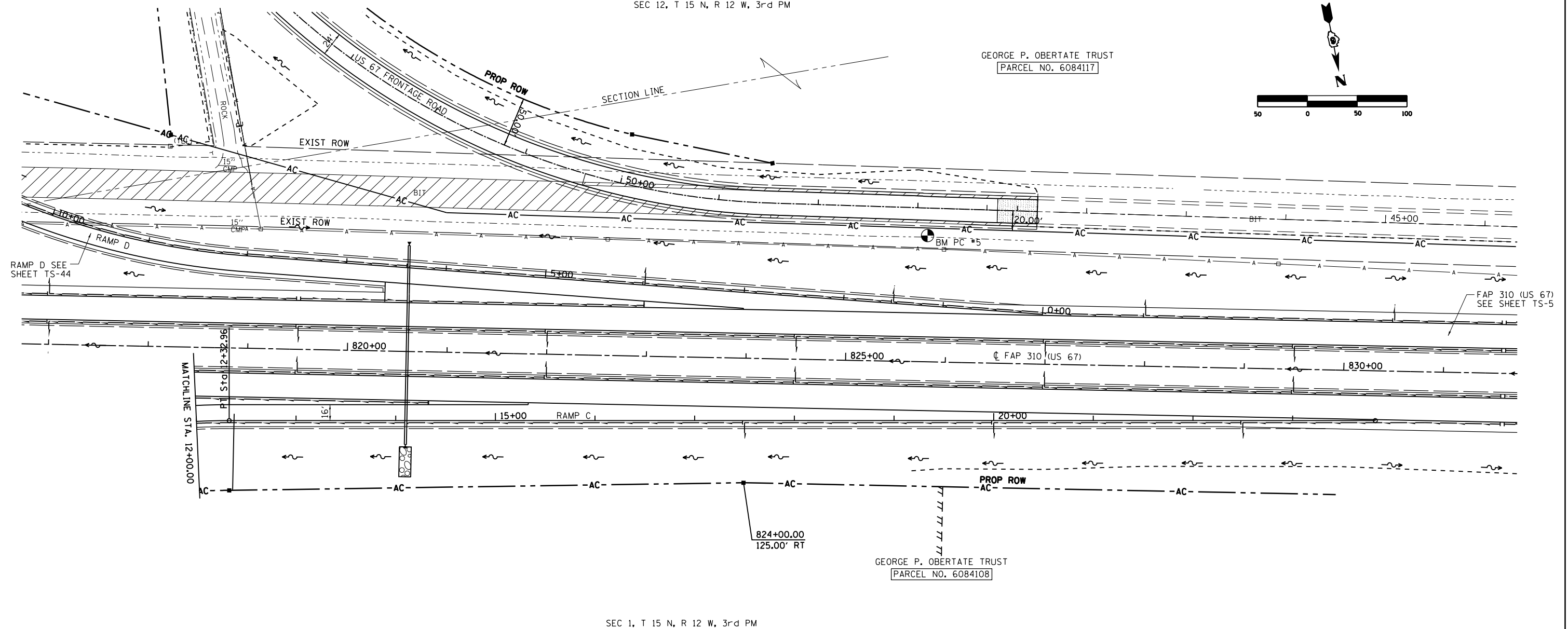
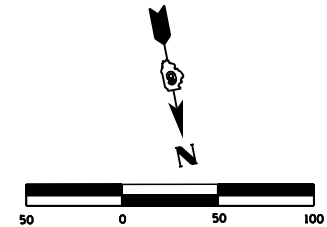
**STORM WATER POLLUTION
PREVENTION PLAN**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	416
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SEC 12, T 15 N, R 12 W, 3rd PM

GEORGE P. OBERTATE TRUST
 PARCEL NO. 6084117



SEC 1, T 15 N, R 12 W, 3rd PM

SCALE: 1" = 50'

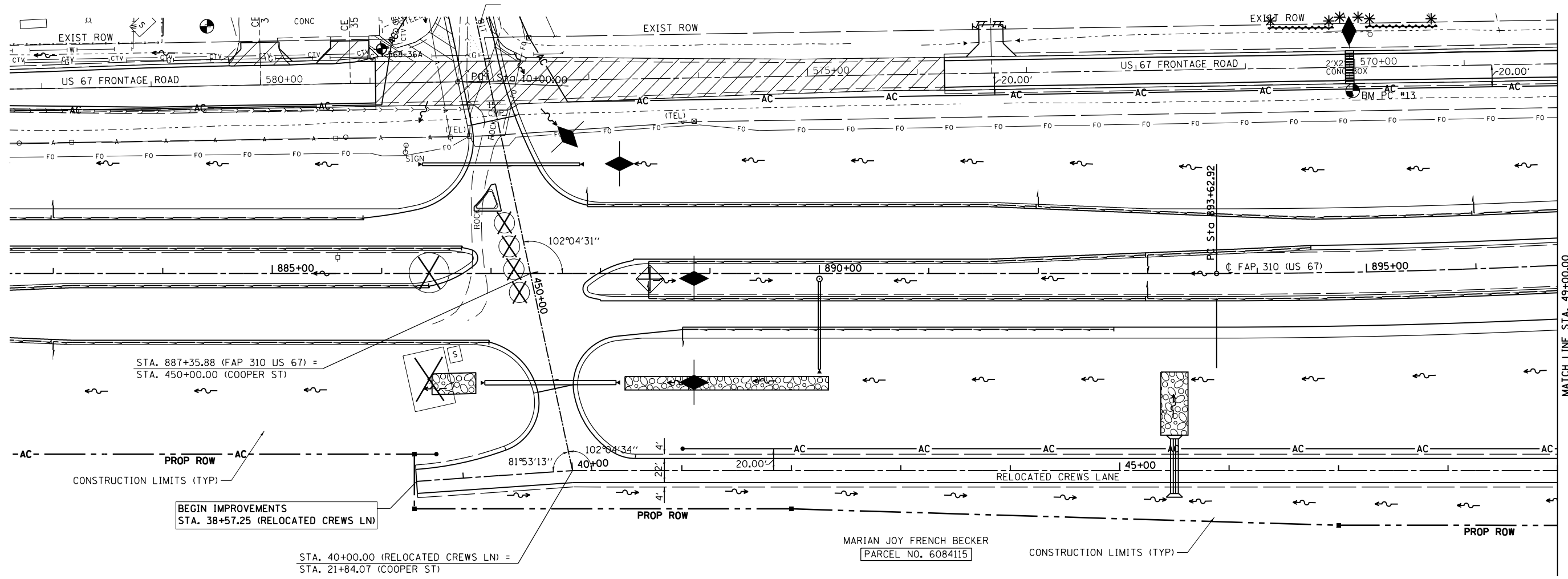
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	PLOT DATE = Mar-30-2011 09:44:55AM	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION
 PREVENTION PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	417
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



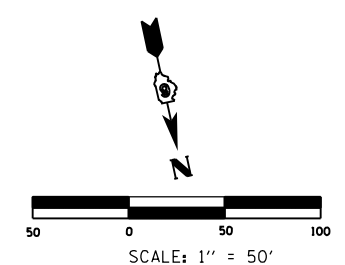
MATCH LINE STA. 49+00.00

STA. 887+35.88 (FAP 310 US 67) =
STA. 450+00.00 (COOPER ST)

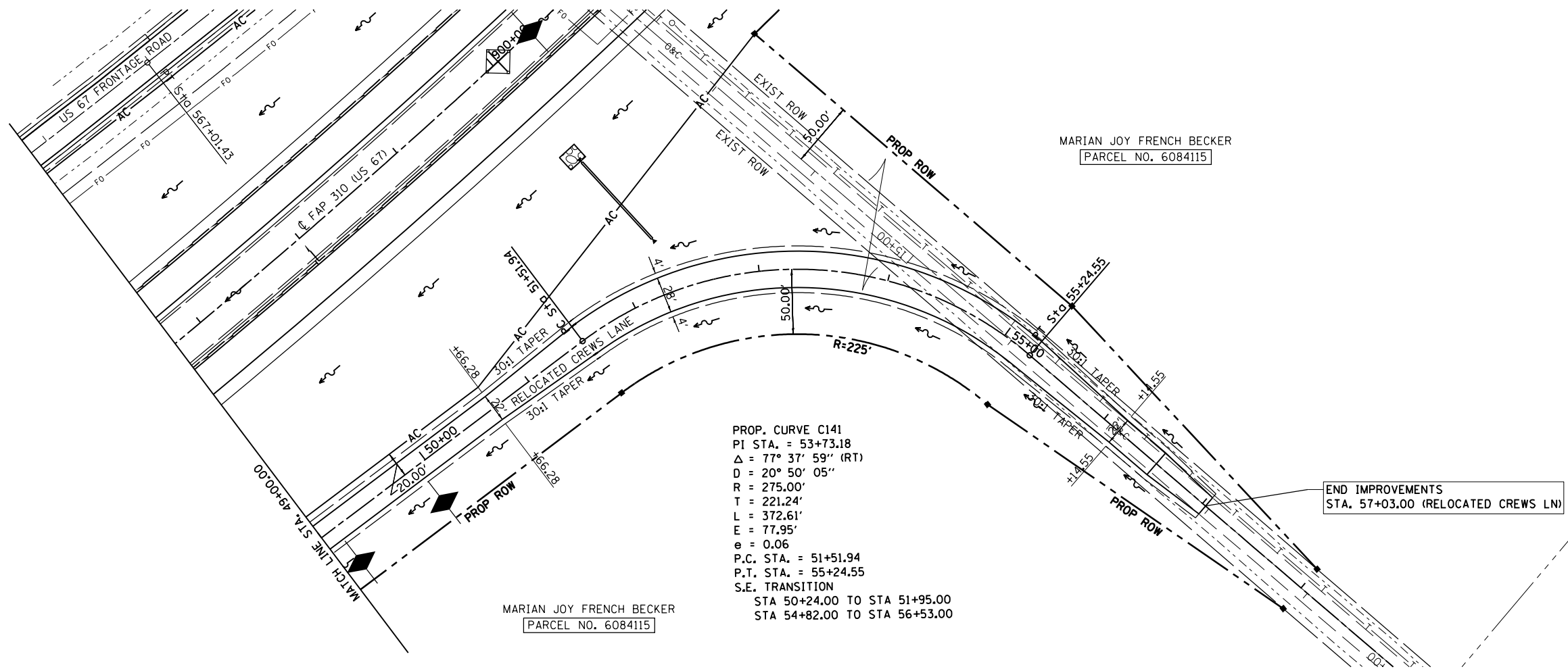
BEGIN IMPROVEMENTS
STA. 38+57.25 (RELOCATED CREWS LN)

STA. 40+00.00 (RELOCATED CREWS LN) =
STA. 21+84.07 (COOPER ST)

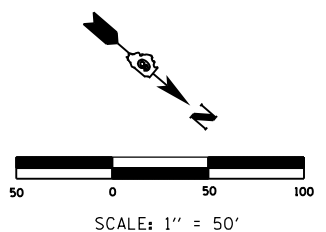
MARIAN JOY FRENCH BECKER
[PARCEL NO. 6084115]



FILE NAME = c:\pwork\pwork\sparksg\10264875\EC\sideroads1-14.dgn	USER NAME = Sparksg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					310	69-3	MORGAN	793	418
PLOT DATE = Mar-30-2011 09:45:02AM	DATE -	REVISED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 72667					
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



PROP. CURVE C141
 PI STA. = 53+73.18
 $\Delta = 77^\circ 37' 59''$ (RT)
 $D = 20^\circ 50' 05''$
 $R = 275.00'$
 $T = 221.24'$
 $L = 372.61'$
 $E = 77.95'$
 $e = 0.06$
 P.C. STA. = 51+51.94
 P.T. STA. = 55+24.55
 S.E. TRANSITION
 STA 50+24.00 TO STA 51+95.00
 STA 54+82.00 TO STA 56+53.00



FILE NAME =	USER NAME = Sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\sparksgw\0264875\EC...	sideroads1-14.dgn	DRAWN -	REVISED -					310	69-3	MORGAN	793	419
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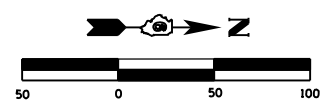
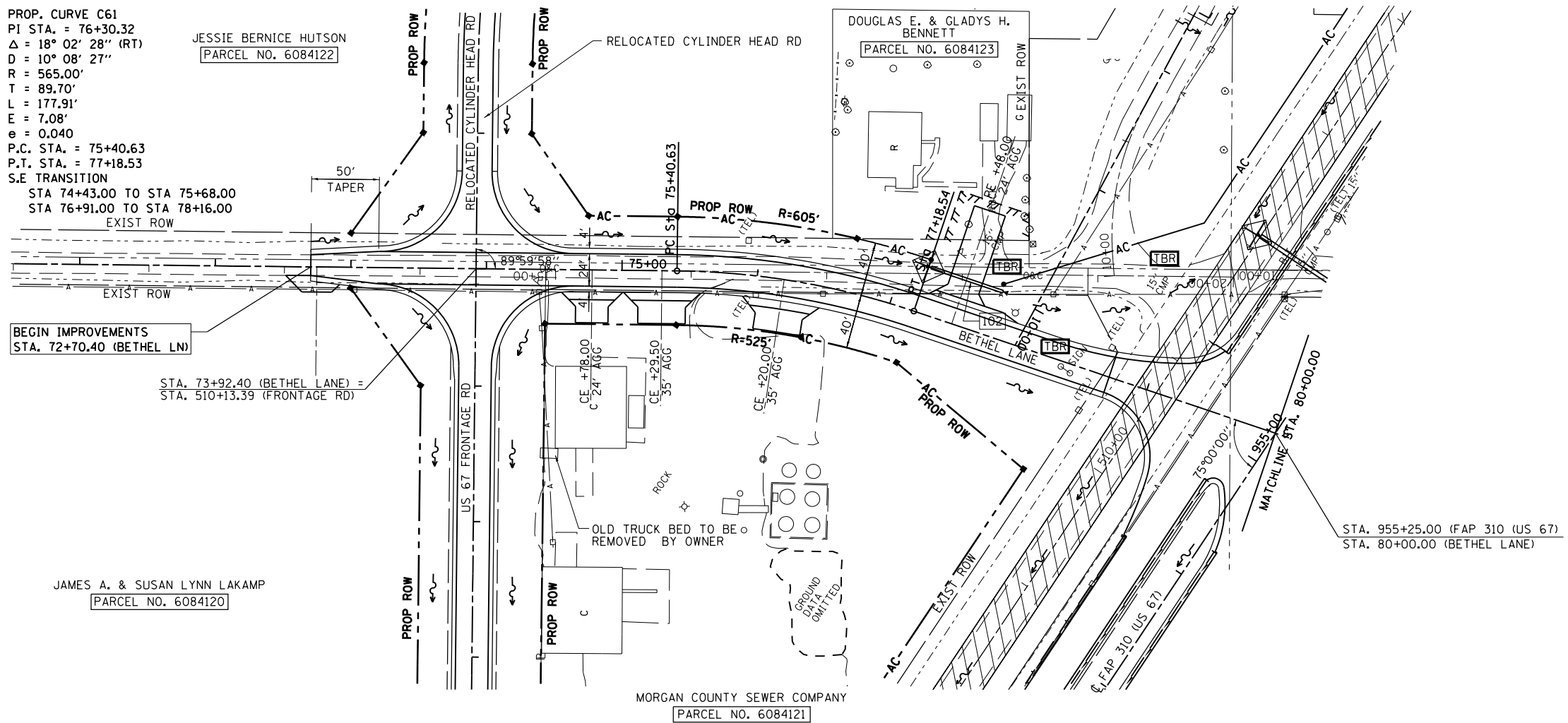
PROP. CURVE C61
 PI STA. = 76+30.32
 $\Delta = 18^\circ 02' 28''$ (RT)
 $D = 10^\circ 08' 27''$
 $R = 565.00'$
 $T = 89.70'$
 $L = 177.91'$
 $E = 7.08'$
 $e = 0.040$
 P.C. STA. = 75+40.63
 P.T. STA. = 77+18.53
 S.E TRANSITION
 STA 74+43.00 TO STA 75+68.00
 STA 76+91.00 TO STA 78+16.00
 EXIST ROW

JESSIE BERNICE HUTSON
 PARCEL NO. 6084122

DOUGLAS E. & GLADYS H. BENNETT
 PARCEL NO. 6084123

JAMES A. & SUSAN LYNN LAKAMP
 PARCEL NO. 6084120

MORGAN COUNTY SEWER COMPANY
 PARCEL NO. 6084121



SCALE: 1" = 50'

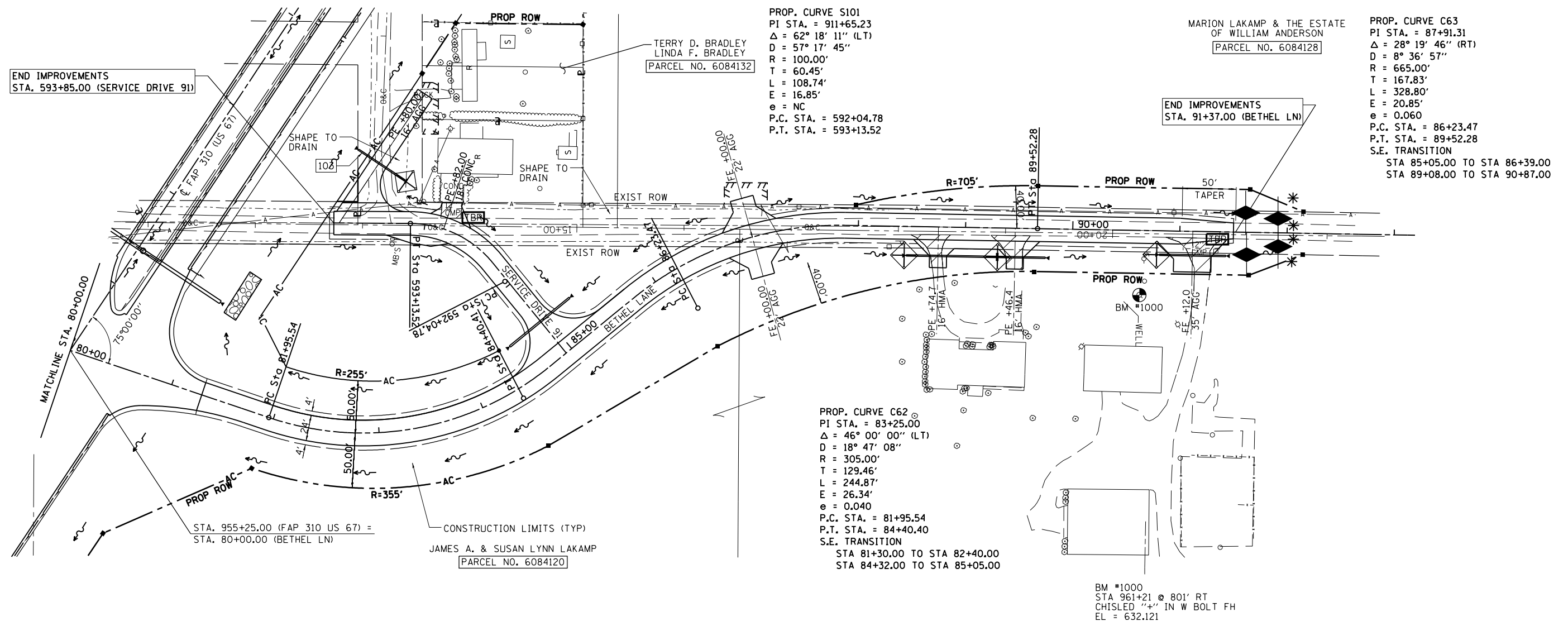
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	PLOT DATE = Mar-30-2011 09:45:03AM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION
 PREVENTION PLAN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	420
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



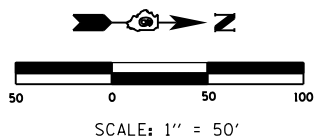
PROP. CURVE S101
 PI STA. = 911+65.23
 $\Delta = 62^\circ 18' 11''$ (LT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 60.45'$
 $L = 108.74'$
 $E = 16.85'$
 $e = NC$
 P.C. STA. = 592+04.78
 P.T. STA. = 593+13.52

MARION LAKAMP & THE ESTATE
 OF WILLIAM ANDERSON
 [PARCEL NO. 6084128]

PROP. CURVE C63
 PI STA. = 87+91.31
 $\Delta = 28^\circ 19' 46''$ (RT)
 $D = 8^\circ 36' 57''$
 $R = 665.00'$
 $T = 167.83'$
 $L = 328.80'$
 $E = 20.85'$
 $e = 0.060$
 P.C. STA. = 86+23.47
 P.T. STA. = 89+52.28
 S.E. TRANSITION
 STA 85+05.00 TO STA 86+39.00
 STA 89+08.00 TO STA 90+87.00

PROP. CURVE C62
 PI STA. = 83+25.00
 $\Delta = 46^\circ 00' 00''$ (LT)
 $D = 18^\circ 47' 08''$
 $R = 305.00'$
 $T = 129.46'$
 $L = 244.87'$
 $E = 26.34'$
 $e = 0.040$
 P.C. STA. = 81+95.54
 P.T. STA. = 84+40.40
 S.E. TRANSITION
 STA 81+30.00 TO STA 82+40.00
 STA 84+32.00 TO STA 85+05.00

BM #1000
 STA 961+21 @ 801' RT
 CHISLED "+" IN W BOLT FH
 EL = 632.121



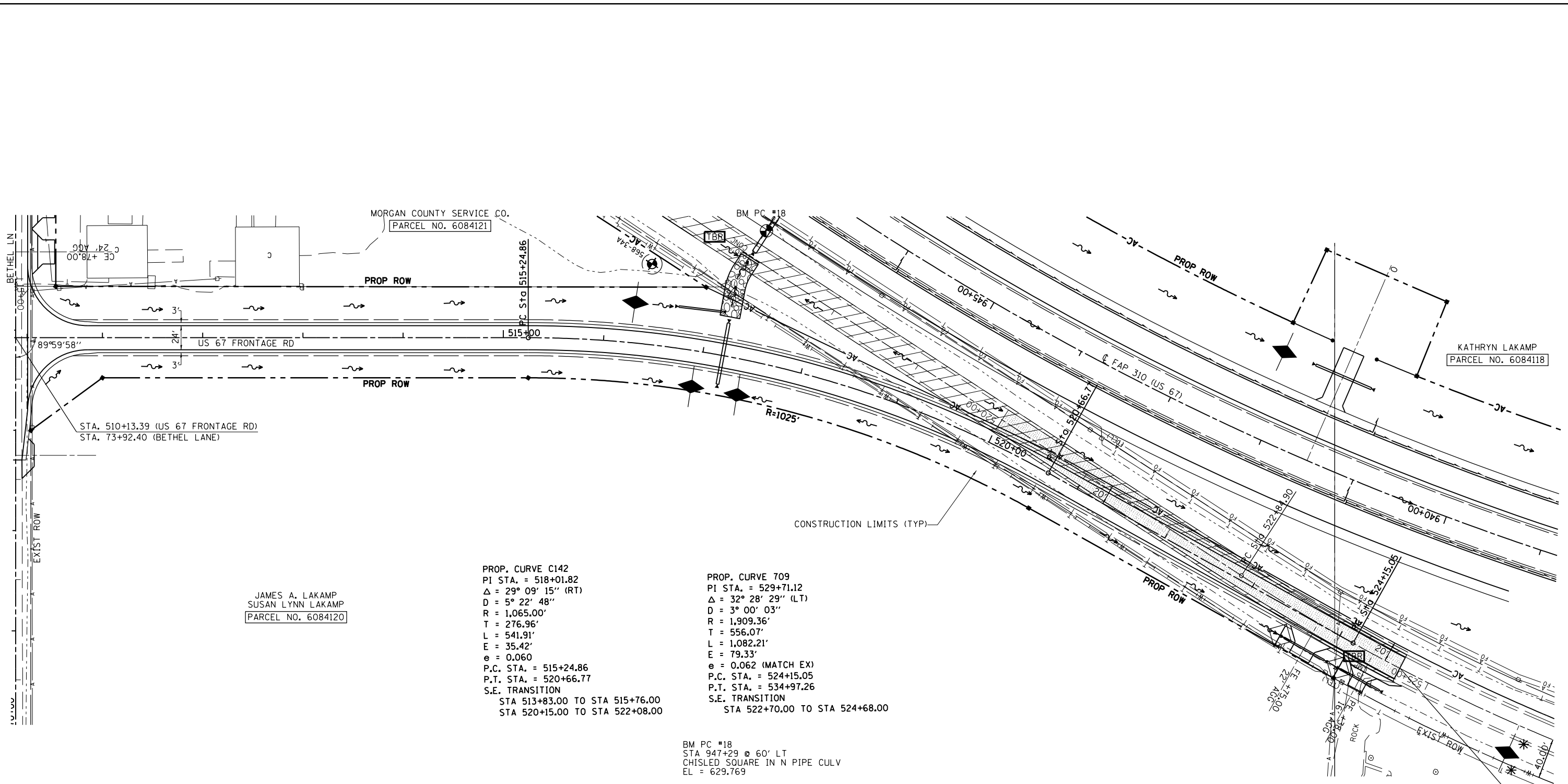
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	PLOT DATE = Mar-30-2011 09:45:04AM	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION
 PREVENTION PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	421
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



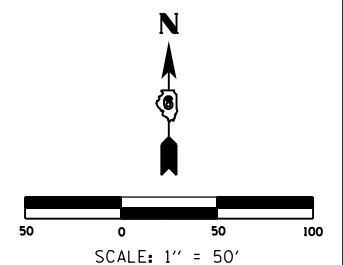
JAMES A. LAKAMP
SUSAN LYNN LAKAMP
PARCEL NO. 6084120

PROP. CURVE C142
PI STA. = 518+01.82
Δ = 29° 09' 15" (RT)
D = 5° 22' 48"
R = 1,065.00'
T = 276.96'
L = 541.91'
E = 35.42'
e = 0.060
P.C. STA. = 515+24.86
P.T. STA. = 520+66.77
S.E. TRANSITION
STA 513+83.00 TO STA 515+76.00
STA 520+15.00 TO STA 522+08.00

PROP. CURVE 709
PI STA. = 529+71.12
Δ = 32° 28' 29" (LT)
D = 3° 00' 03"
R = 1,909.36'
T = 556.07'
L = 1,082.21'
E = 79.33'
e = 0.062 (MATCH EX)
P.C. STA. = 524+15.05
P.T. STA. = 534+97.26
S.E. TRANSITION
STA 522+70.00 TO STA 524+68.00

BM PC #18
STA 947+29 @ 60' LT
CHISLED SQUARE IN N PIPE CULV
EL = 629.769

END IMPROVEMENTS
STA. 524+68.00 (US 67 FRONTAGE RD) =
STA. 524+68.00 (EX US 67/IL 104)



FILE NAME =	USER NAME = Sparksgw	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = Mar-30-2011 09:45:04AM	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION
PREVENTION PLAN**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	422
CONTRACT NO. 72667				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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

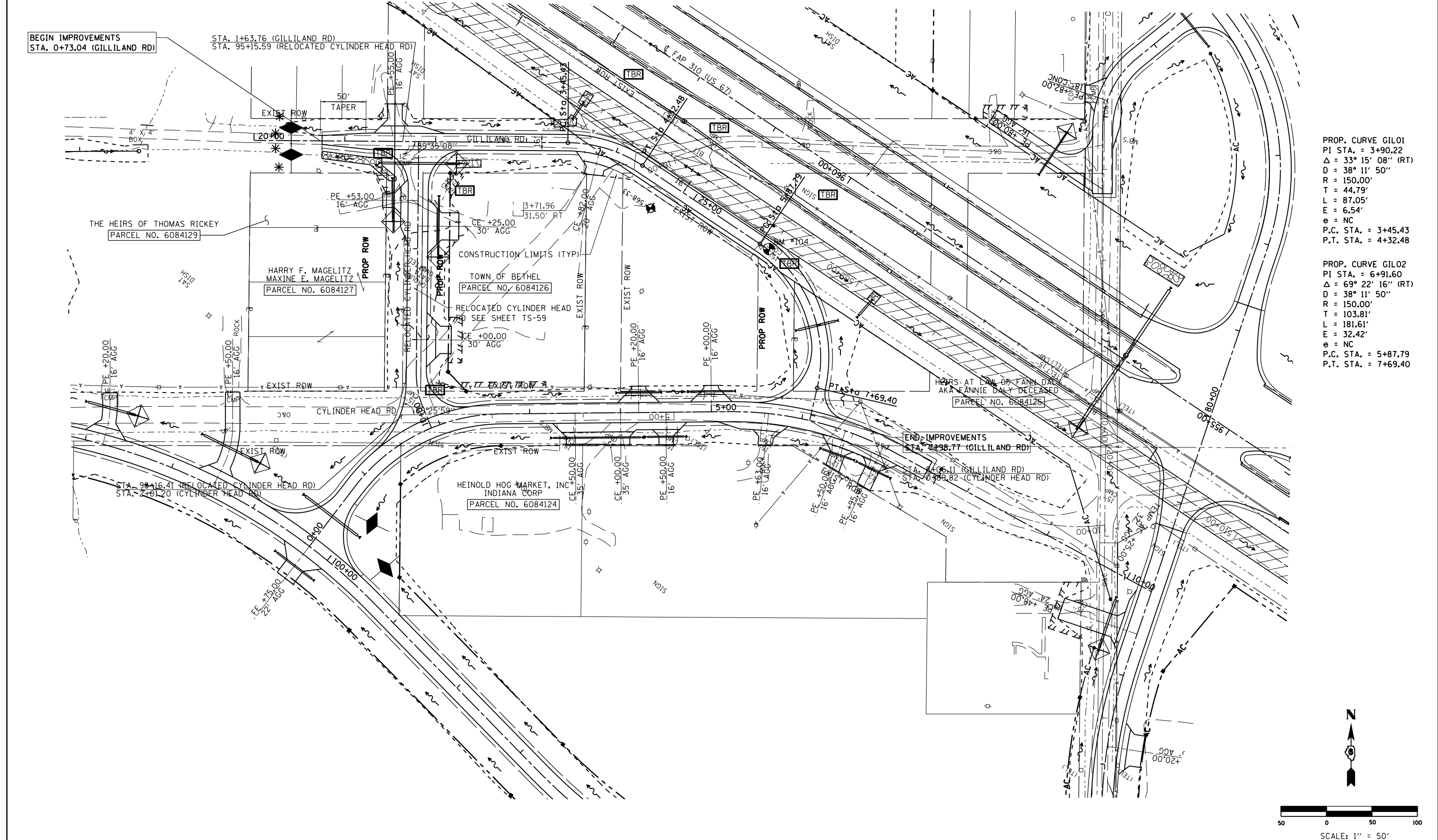
BEGIN IMPROVEMENTS
STA. 0+73.04 (GILLILAND RD)

STA. 1+63.76 (GILLILAND RD)
STA. 95+15.59 (RELOCATED CYLINDER HEAD RD)

END IMPROVEMENTS
STA. 7+98.77 (GILLILAND RD)

PROP. CURVE GIL01
PI STA. = 3+90.22
Δ = 33° 15' 08" (RT)
D = 38' 11" 50"
R = 150.00'
T = 44.79'
L = 87.05'
E = 6.54'
e = NC
P.C. STA. = 3+45.43
P.T. STA. = 4+32.48

PROP. CURVE GIL02
PI STA. = 6+91.60
Δ = 69° 22' 16" (RT)
D = 38' 11" 50"
R = 150.00'
T = 103.81'
L = 181.61'
E = 32.42'
e = NC
P.C. STA. = 5+87.79
P.T. STA. = 7+69.40



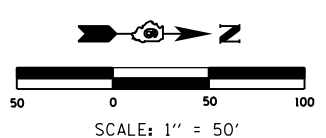
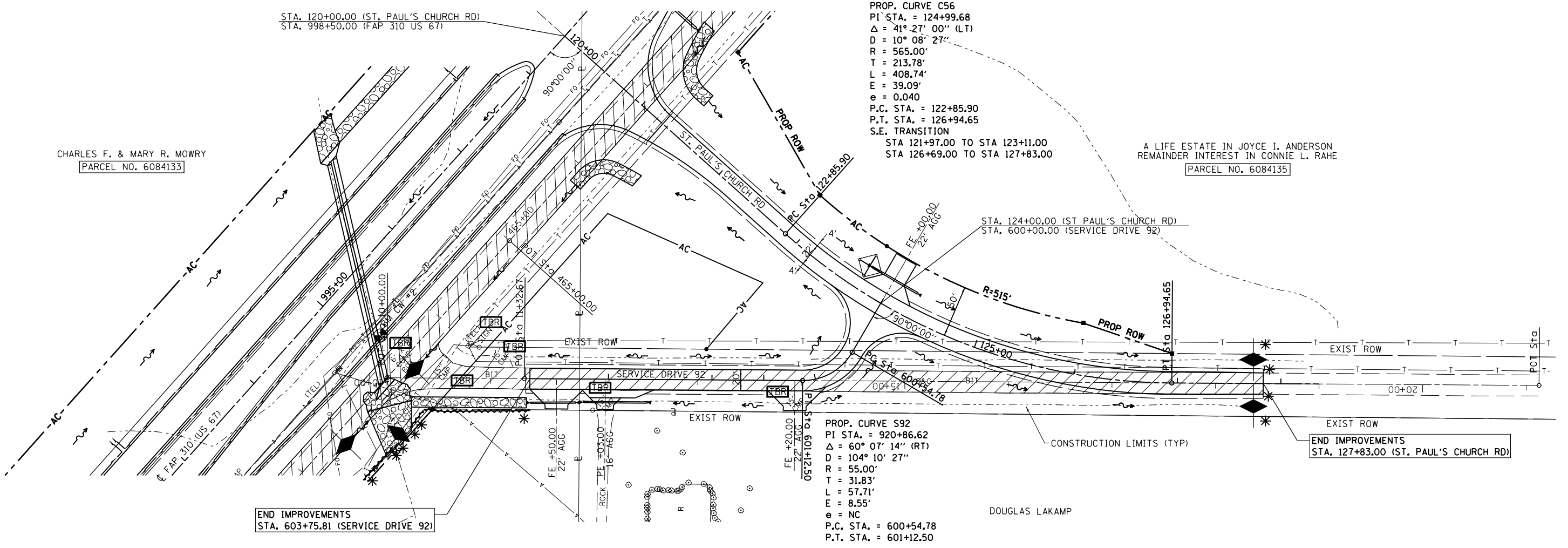
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION
PREVENTION PLAN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	423
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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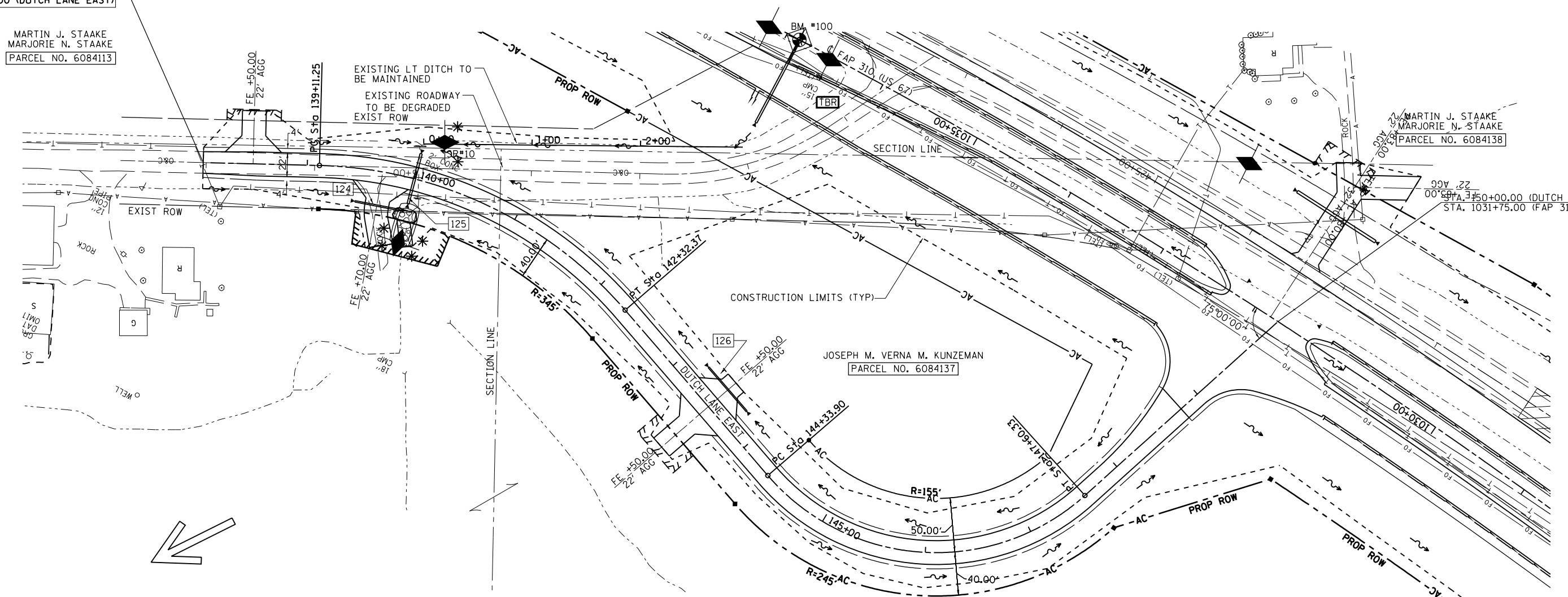
BEGIN IMPROVEMENTS
STA. 138+04.00 (DUTCH LANE EAST)

MARTIN J. STAAKE
MARJORIE N. STAAKE
PARCEL NO. 6084113

MARTIN J. STAAKE
MARJORIE N. STAAKE
PARCEL NO. 6084138

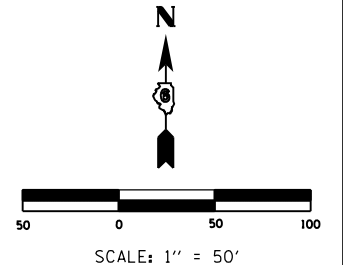
JOSEPH M. VERNA M. KUNZEMAN
PARCEL NO. 6084137

STA. 150+00.00 (DUTCH LANE EAST)
STA. 1031+75.00 (FAP 310 US 67)



PROP. CURVE C40
PI STA. = 140+81.82
 $\Delta = 47^\circ 47' 21''$ (RT)
D = 14' 52' 55"
R = 385.00'
T = 170.57'
L = 321.12'
E = 36.09'
e = 0.060
P.C. STA. = 139+11.25
P.T. STA. = 142+32.37
S.E. TRANSITION
STA 138+04.00 TO STA 139+47.00
STA 141+97.00 TO STA 143+40.00

PROP. CURVE C41
PI STA. = 146+43.37
 $\Delta = 91^\circ 14' 04''$ (LT)
D = 27' 56' 57"
R = 205.00'
T = 209.47'
L = 326.43'
E = 88.09'
e = 0.040
P.C. STA. = 144+33.90
P.T. STA. = 147+60.33
S.E. TRANSITION
STA 143+60.00 TO STA 144+55.00
STA 147+39.00 TO STA 148+34.00

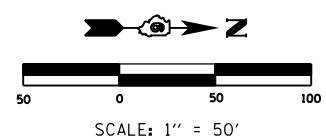
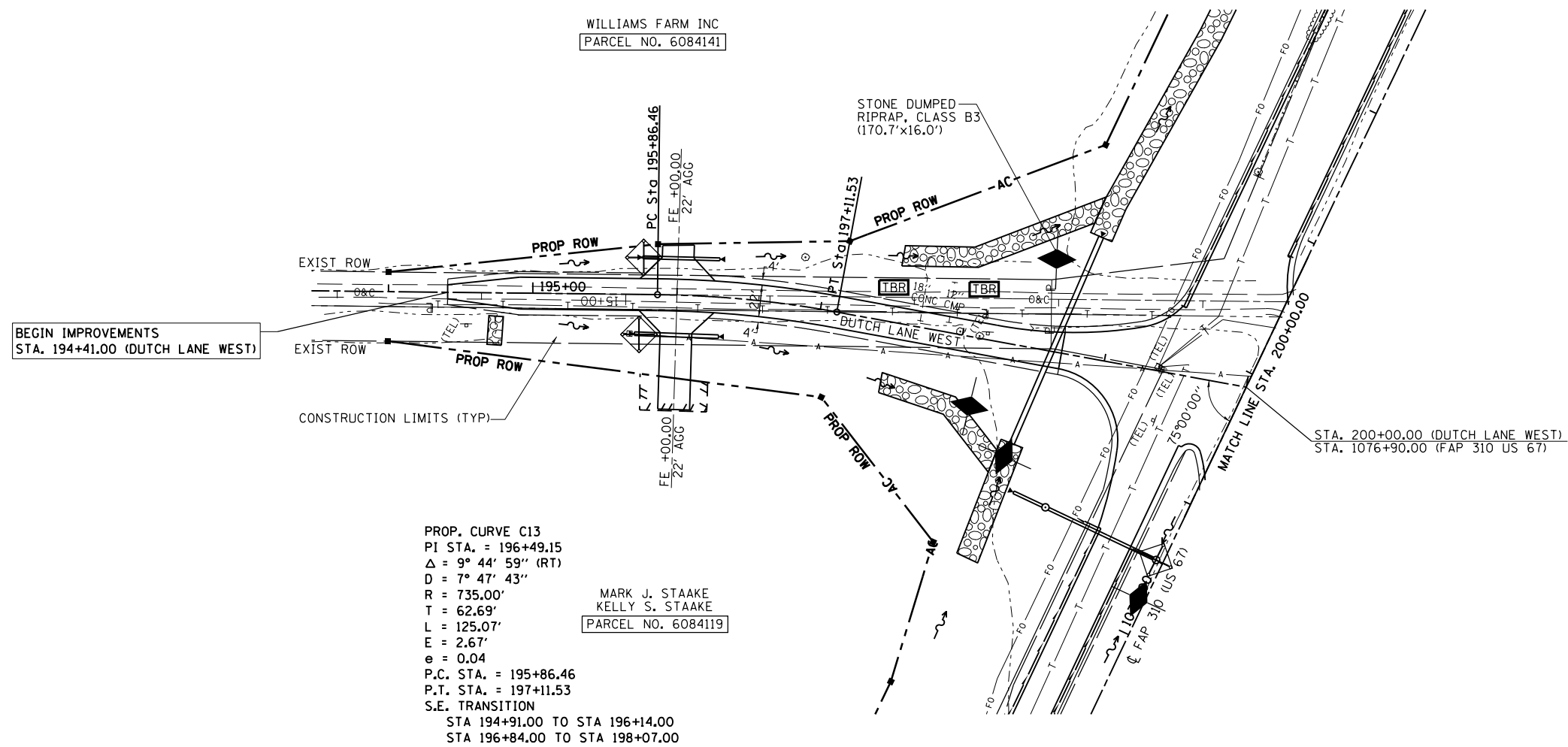


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PLOT DATE = Mar-30-2011 09:45:06AM	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STORM WATER POLLUTION PREVENTION PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	425
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



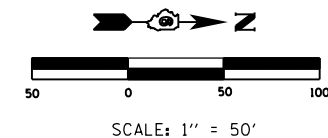
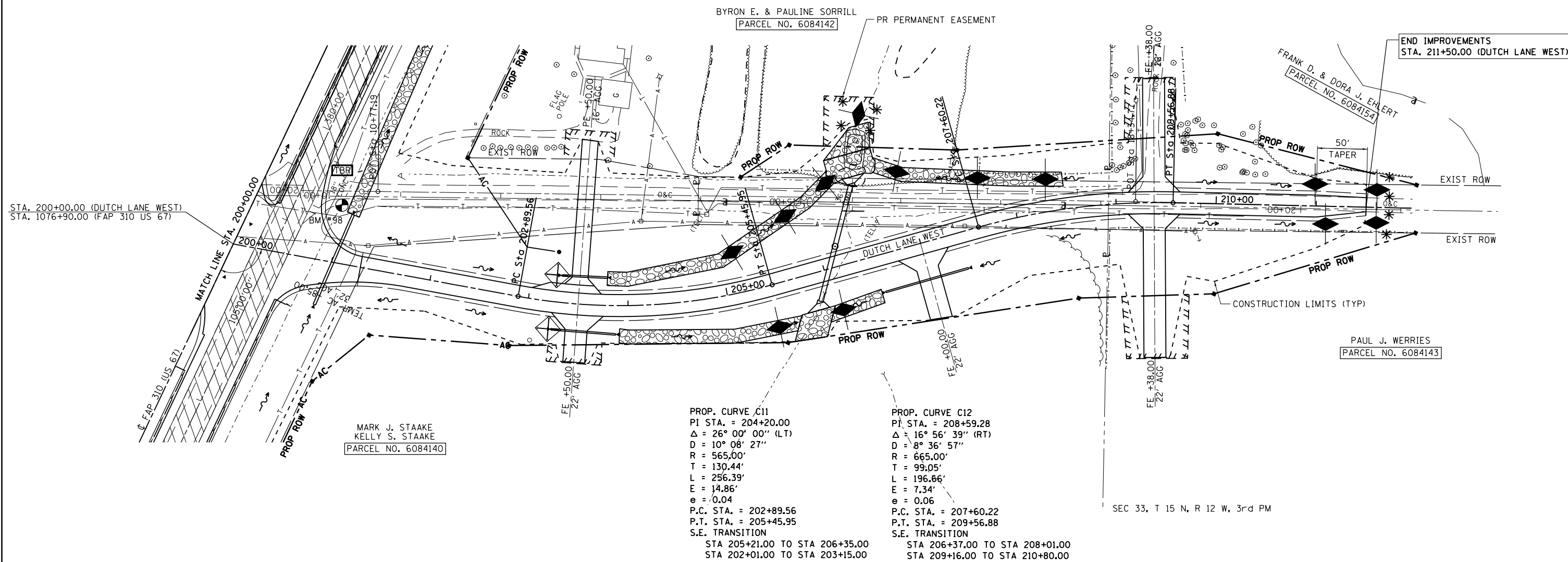
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	PLOT DATE = Mar-30-2011 09:45:07AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

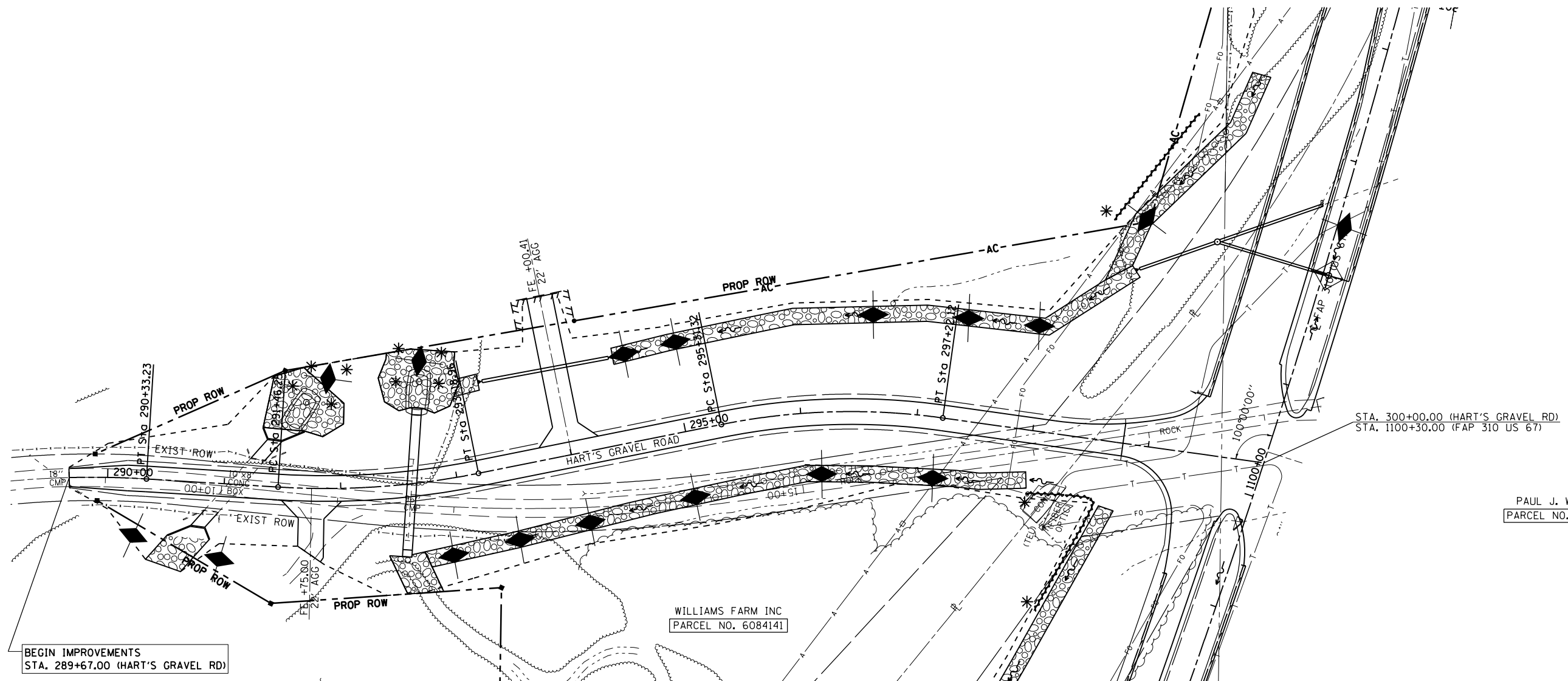
**STORM WATER POLLUTION
PREVENTION PLAN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	426
CONTRACT NO. 72667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\sparksgw\10264875\EC...	sideroads1-14.dgn	DRAWN -	REVISED -					310	69-3	MORGAN	793	427
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 72667							
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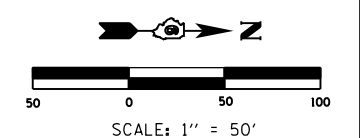
PAUL J. WERRIES
 PARCEL NO. 6084143

BEGIN IMPROVEMENTS
 STA. 289+67.00 (HART'S GRAVEL RD)

PROP. CURVE HRT720
 PI STA. = 289+55.59
 $\Delta = 11^\circ 44' 48''$ (RT)
 $D = 7^\circ 32' 16''$
 $R = 760.11'$
 $T = 78.19'$
 $L = 155.84'$
 $E = 4.01'$
 $e = 0.060$ (MATCH EXIST)
 P.C. STA. = 288+77.40
 P.T. STA. = 290+33.23
 S.E. TRANSITION
 STA 289+67.00 TO STA 290+90.00

PROP. CURVE C22
 PI STA. = 292+33.09
 $\Delta = 14^\circ 52' 48''$ (LT)
 $D = 8^\circ 36' 57''$
 $R = 665.00'$
 $T = 86.84'$
 $L = 172.70'$
 $E = 5.65'$
 $e = 0.060$
 P.C. STA. = 291+46.25
 P.T. STA. = 293+18.96
 S.E. TRANSITION
 STA 290+90.00 TO STA 292+13.00
 STA 292+78.00 TO STA 294+42.00

PROP. CURVE C25
 PI STA. = 296+27.63
 $\Delta = 19^\circ 20' 54''$ (RT)
 $D = 10^\circ 08' 27''$
 $R = 565.00'$
 $T = 96.32'$
 $L = 190.80'$
 $E = 8.15'$
 $e = 0.040$
 P.C. STA. = 295+31.32
 P.T. STA. = 297+22.12
 S.E. TRANSITION
 STA 294+43.00 TO STA 295+57.00
 STA 296+97.00 TO STA 298+11.00



FILE NAME = c:\pwork\pwork\sparksg\10264875\EC...	USER NAME = Sparksgw sidersoads1-14.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN			F.A.P. RTE. = 310	SECTION = 69-3	COUNTY = MORGAN	TOTAL SHEETS = 793	SHEET NO. = 428
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	SCALE:					SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 72667		
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HART'S GRAVEL ROAD												

9:45:14 AM

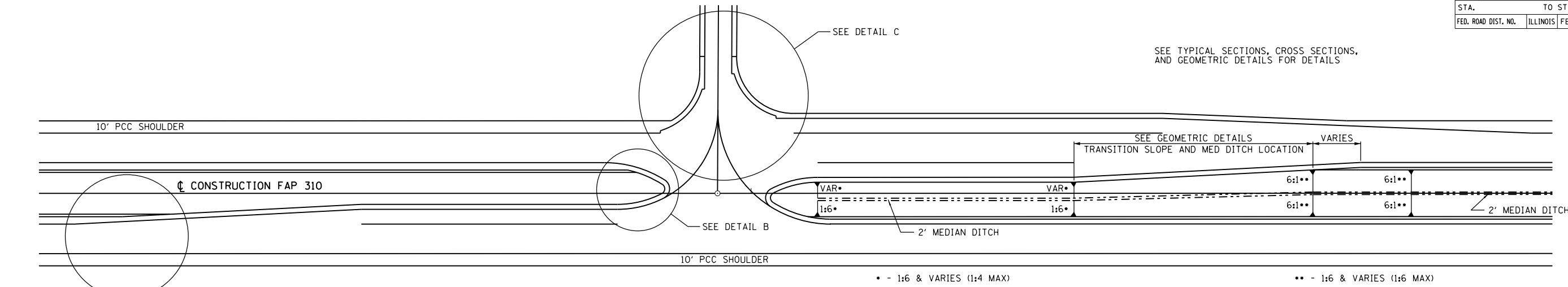
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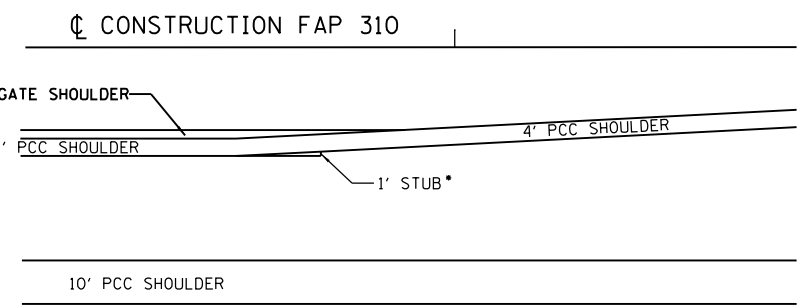
CONTRACT NO. 72667

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	429
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEE TYPICAL SECTIONS, CROSS SECTIONS, AND GEOMETRIC DETAILS FOR DETAILS

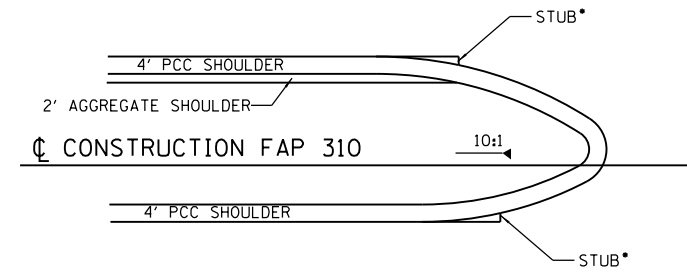


PLAN VIEW



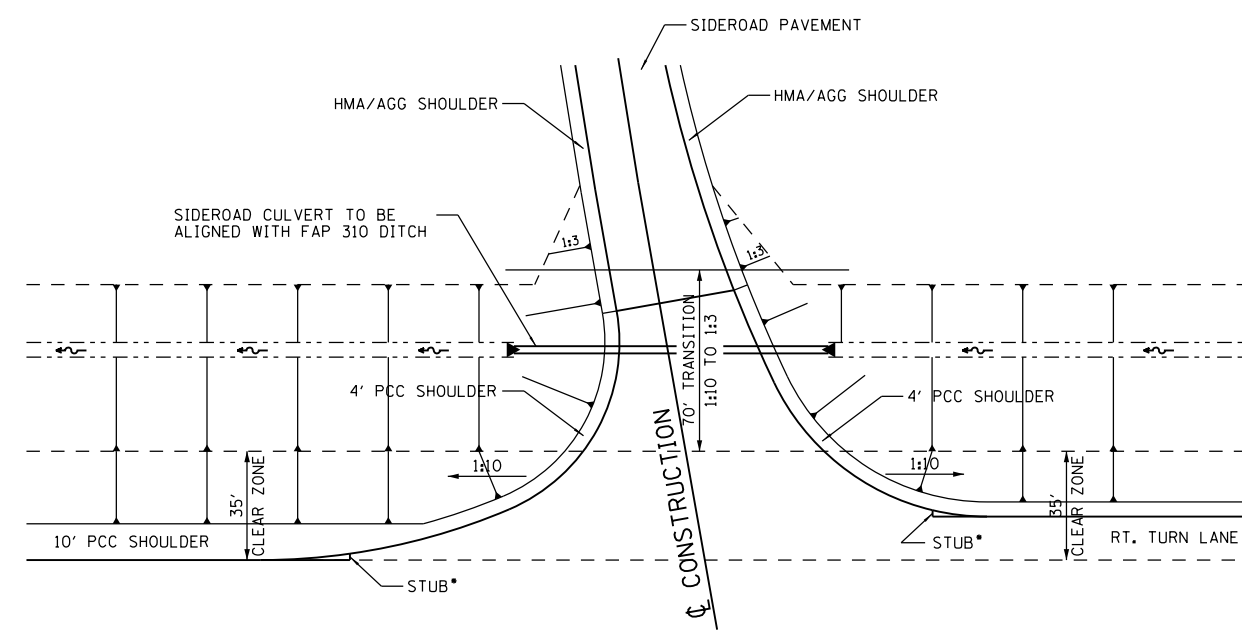
DETAIL "A"

ADJUST SPACING OF SAWED LONGITUDINAL JOINTS TO MATCH STUB LOCATIONS AS DIRECTED BY THE ENGINEER.



DETAIL "B"

* -SEE PAVMENT JOINT DETAILS FOR STUB LOCATIONS AND WIDTHS.



DETAIL "C"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
SHOULDERS & SLOPES
FAP 310 (US 67/IL 104)

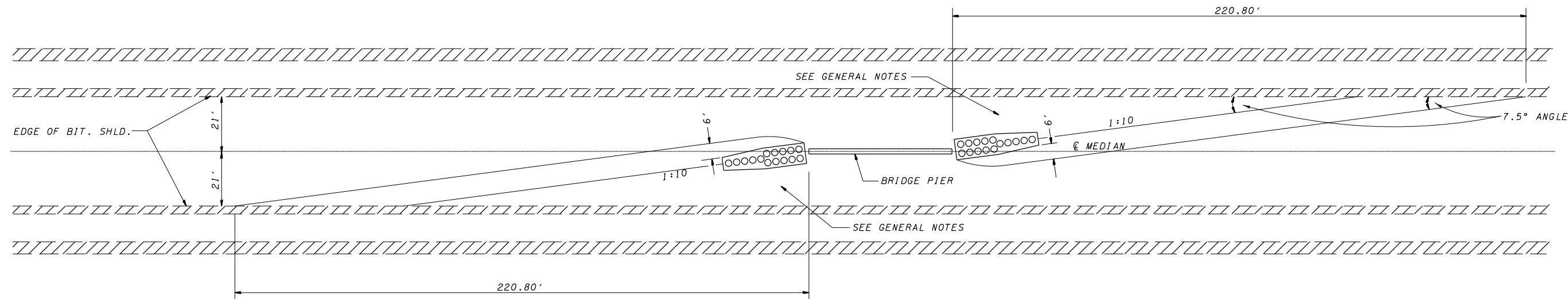
DATE 8/06

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CHECKED BY

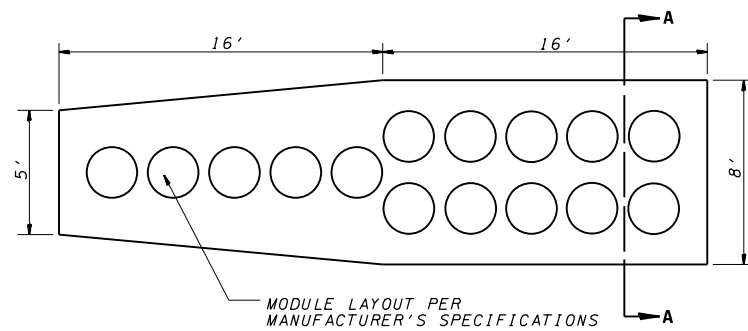
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	430
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

1. THE 1:10 SLOPE CONTROLS NOSE OF ATTENUATOR BASE ELEVATION.
2. ATTENUATOR BASE GRADE PARALLELS EDGE OF PAVEMENT GRADE.
3. SLOPE ADJACENT TO ATTENUATOR BASE SHALL BE 1:10 OR FLATTER.
4. ATTENUATOR BASE THICKNESS SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS (6" PCC MIN).



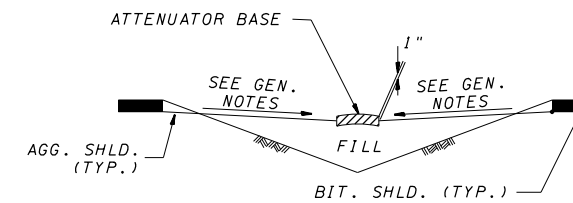
INERTIAL BARRIER LAYOUT AND GRADING PLAN



INERTIAL BARRIER MODULE ARRAY AND ATTENUATOR BASE PLAN

DIMENSIONS OF ATTENUATOR BASE SHALL BE MODIFIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

PLAN DIMENSIONS AND QUANTITIES ARE ESTIMATES ONLY.



SECTION A - A

QUANTITIES

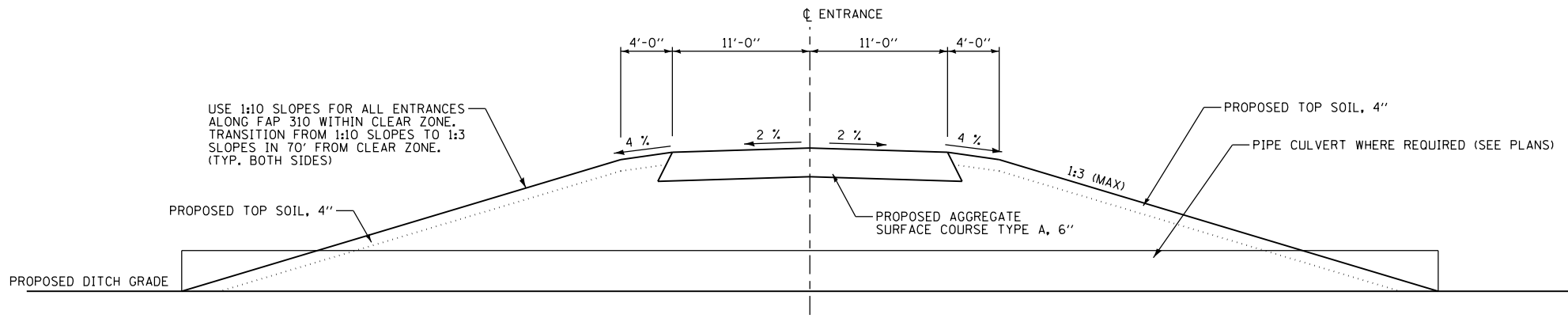
ITEM	UNIT	TOTAL
IMPACT ATTENUATOR (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2

REVISIONS	
NAME	DATE

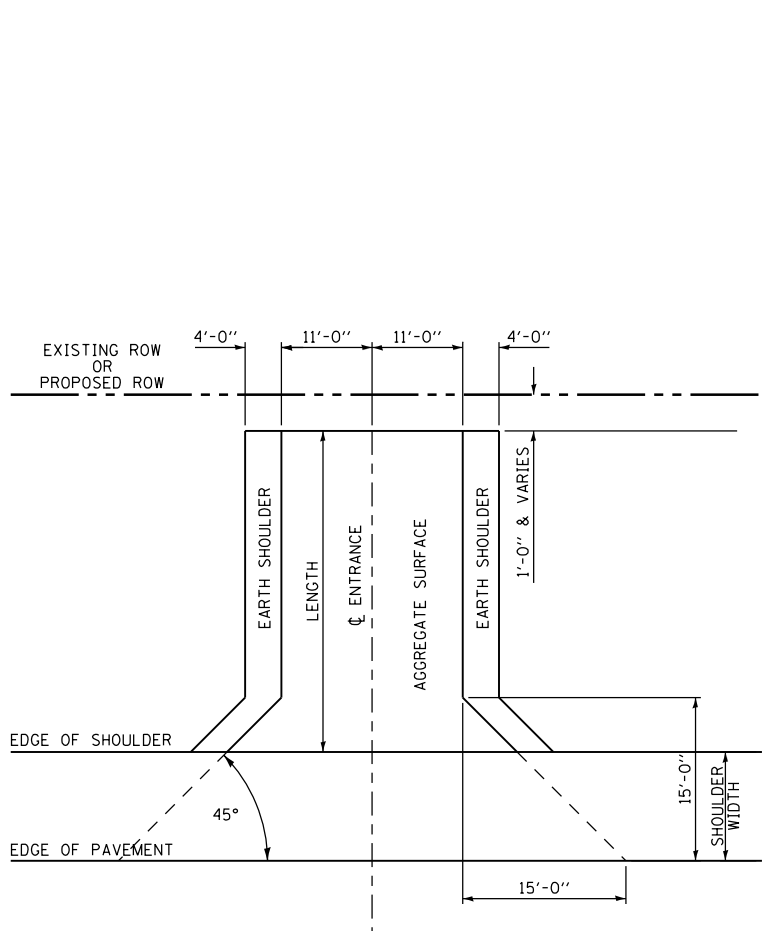
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MISCELLANEOUS DETAILS
 IMPACT ATTENUATOR
 FAP 310 (US 67/IL 104)

DRAWN BY MLO
 CHECKED BY PBB
 DATE 4/04

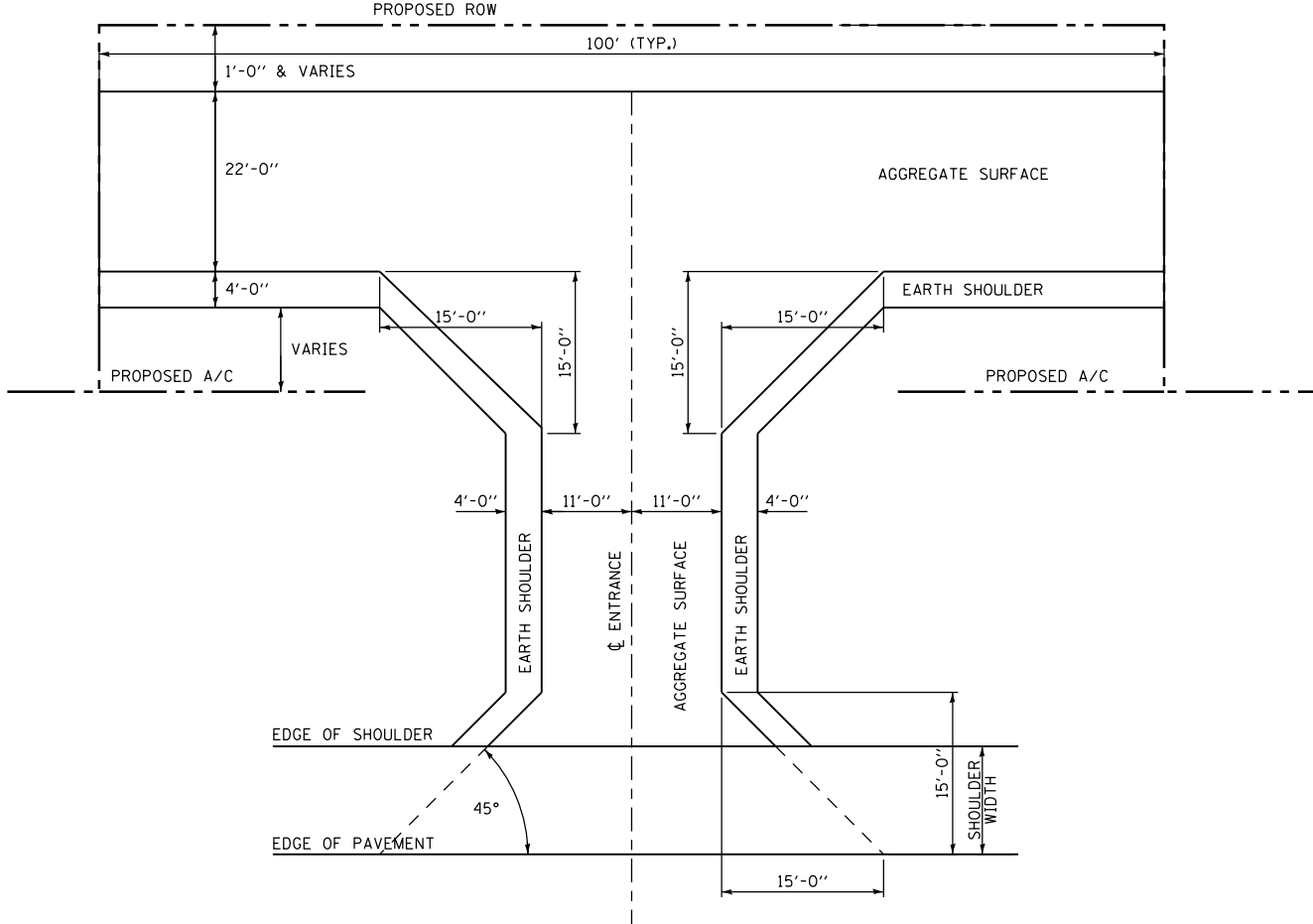
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	431
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL SECTION (PRIVATE / FIELD ENTRANCE)



PRIVATE & FIELD ENTRANCE PLAN DETAIL
SINGLE ENTRANCE



PRIVATE & FIELD ENTRANCE PLAN DETAIL
DUAL ENTRANCE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
ENTRANCES - EXPRESSWAY
FAP 310 (US 67/IL 104)

DATE 8/06

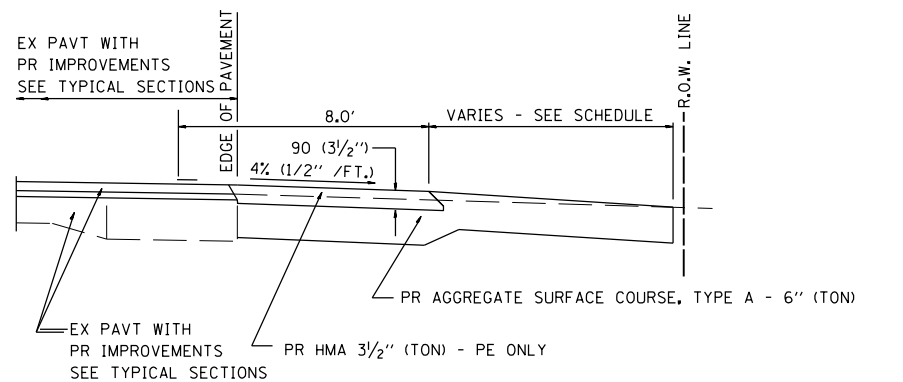
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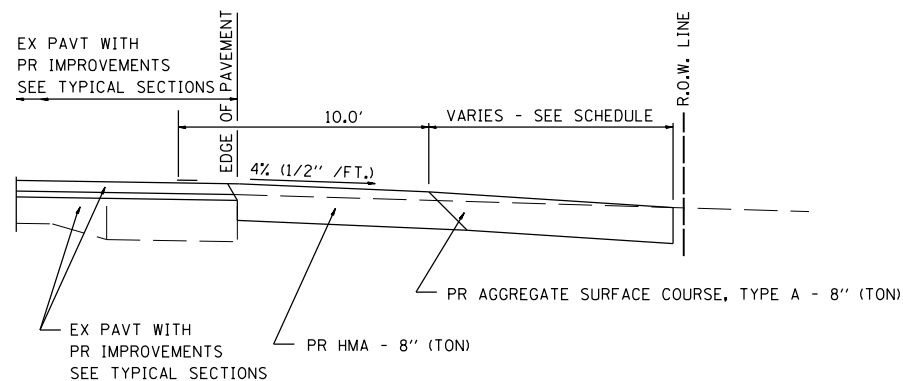
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	432
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

9:45:25 AM

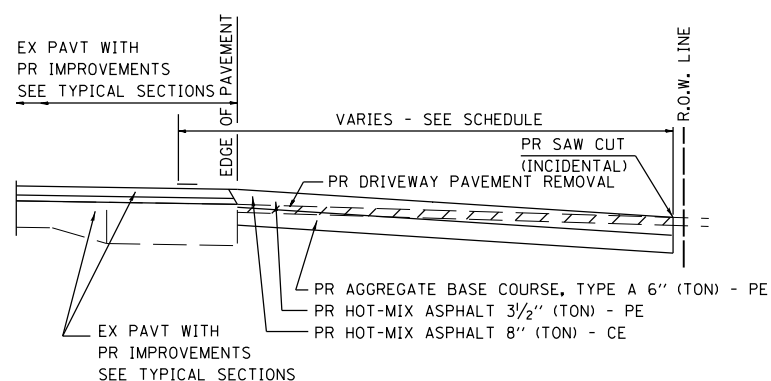
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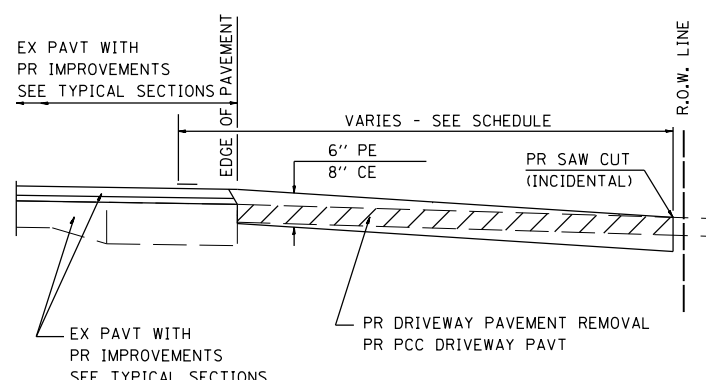
SECTION A-A FOR EX EARTH/AGGREGATE FE & PE



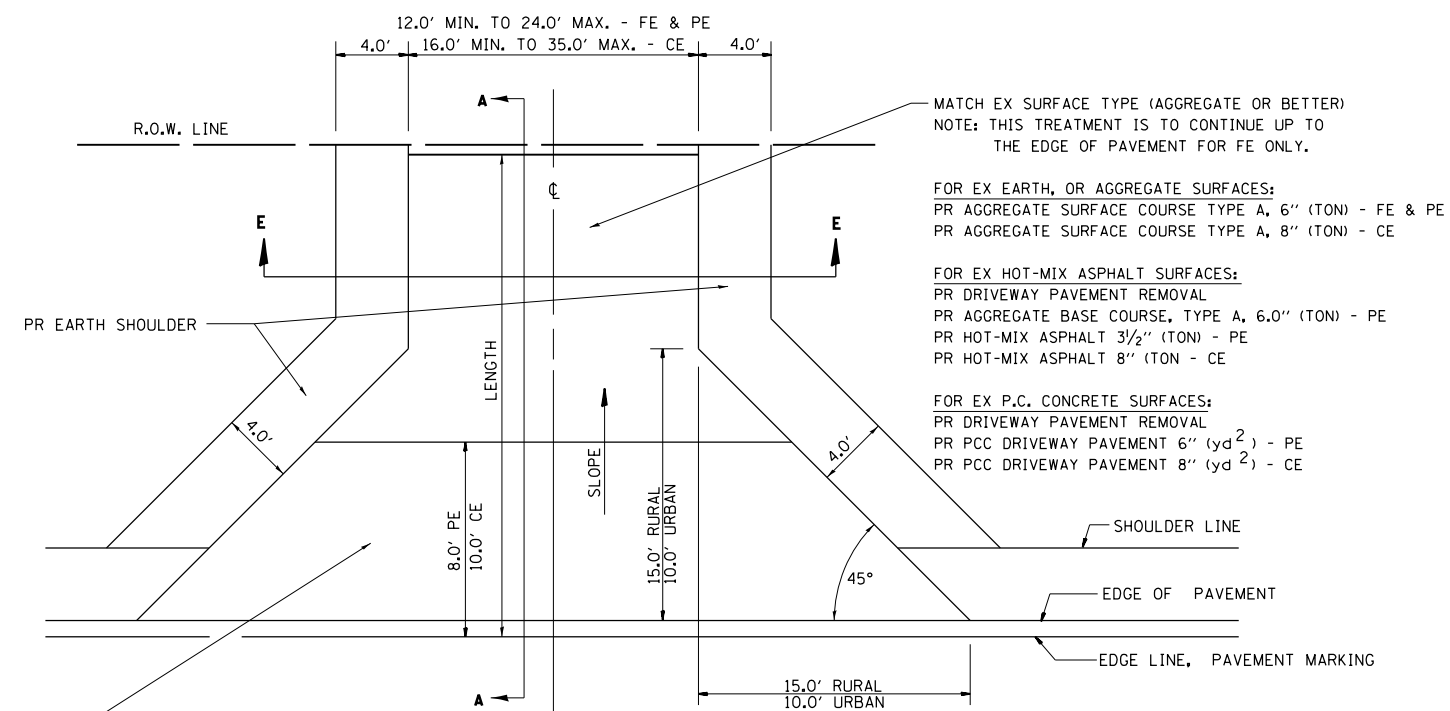
SECTION A-A FOR EX EARTH/AGGREGATE CE



SECTION A-A FOR EX HOT-MIX ASPHALT PE & CE



SECTION A-A FOR EX P.C. CONC. PE & CE



FOR EX EARTH, AGGREGATE, OR HOT-MIX ASPHALT SURFACES:
 PR DRIVEWAY PAVEMENT REMOVAL (IF APPLICABLE)
 PR AGGREGATE SURFACE COURSE TYPE A 6" (TON) - FE
 PR AGGREGATE SURFACE COURSE TYPE A, 6" (TON) &
 PR HOT-MIX ASPHALT 3 1/2" (TON) - PE
 PR HOT-MIX ASPHALT 8" (TON) - CE

FOR P.C. CONCRETE SURFACES:
 PR DRIVEWAY PAVEMENT REMOVAL
 PR PCC DRIVEWAY PAVT 6" (yd²) - PE
 PR PCC DRIVEWAY PAVT 8" (yd²) - CE

• USE 7.0' WHERE 15.0' WILL NOT FIT.

GENERAL NOTES:
 THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

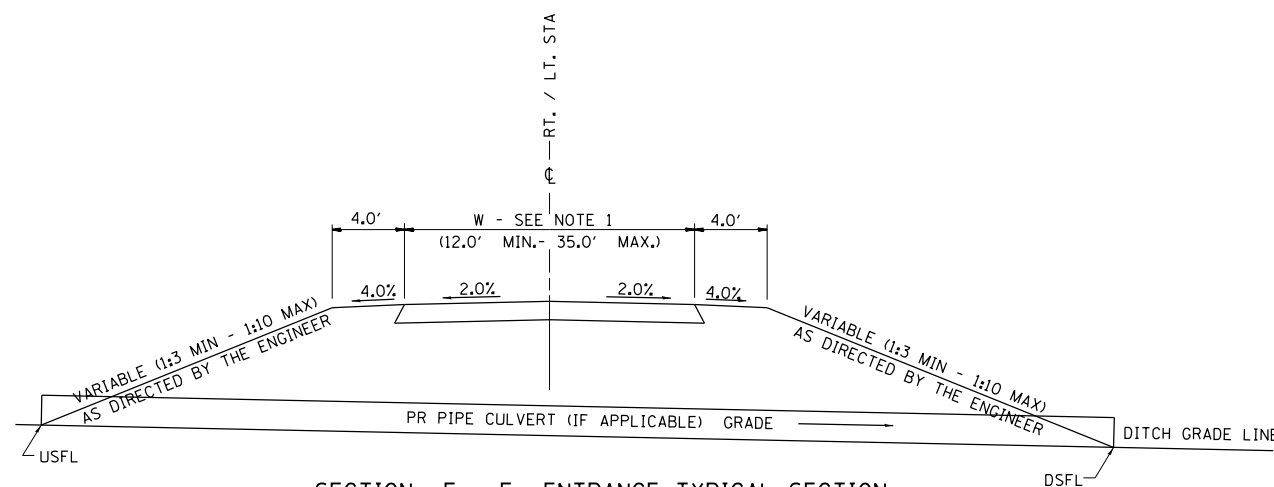
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HOT-MIX ASPHALT REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HOT-MIX ASPHALT PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HOT-MIX ASPHALT BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, CLASS I, TYPE 2 OF SECTION 406 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "INCIDENTAL HOT-MIX ASPHALT SURFACING" WHICH SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INVOLVED.



SECTION E - E ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

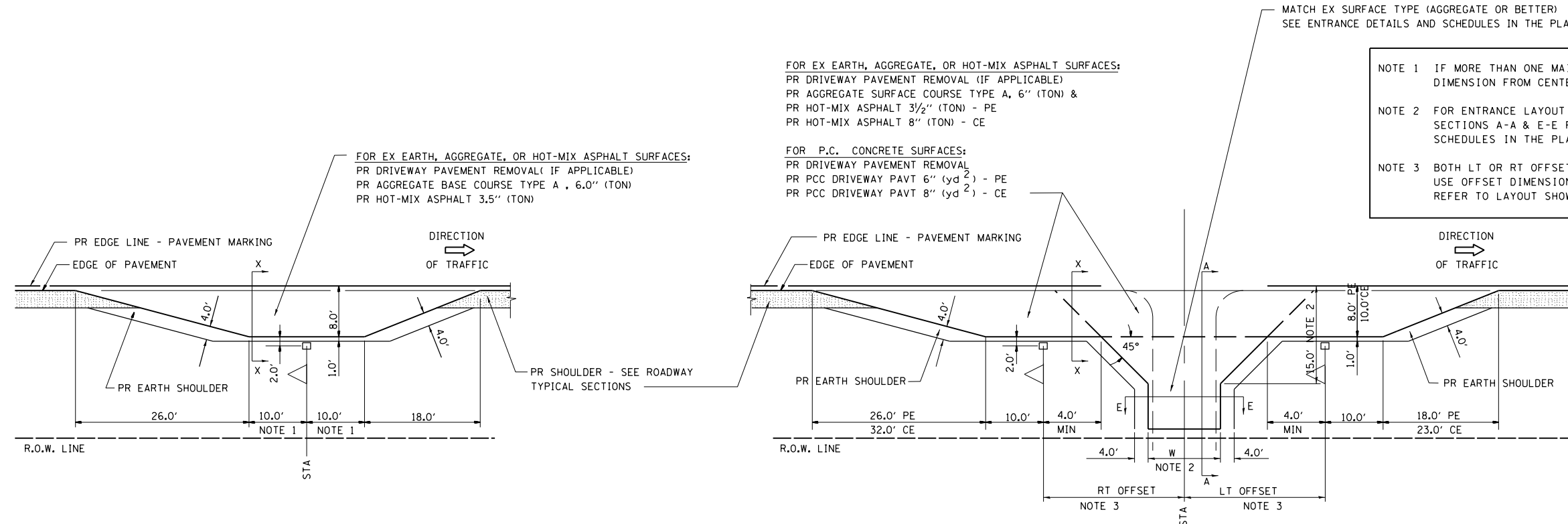
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MISCELLANEOUS DETAILS
 ENTRANCE & MAILBOX TURNOUT
 FAP 310 (US 67/IL 104)

DATE 8/06
 DRAWN BY EBB
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	433
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

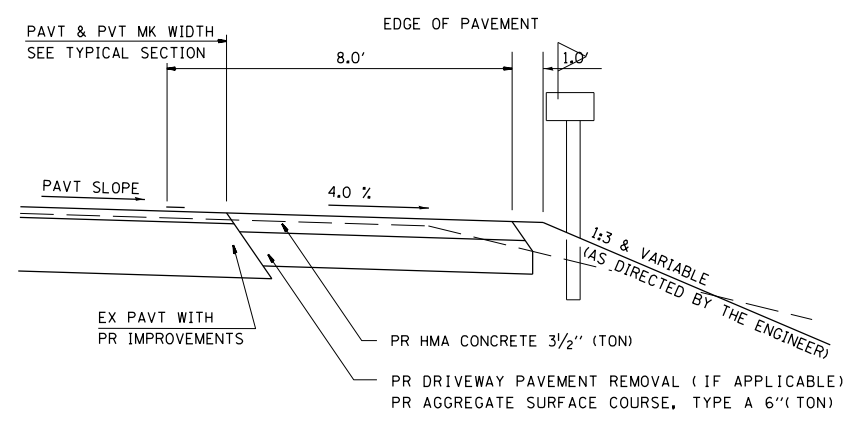
PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE

FOR EX EARTH, AGGREGATE, OR HOT-MIX ASPHALT SURFACES:
 PR DRIVEWAY PAVEMENT REMOVAL (IF APPLICABLE)
 PR AGGREGATE SURFACE COURSE TYPE A, 6" (TON) &
 PR HOT-MIX ASPHALT 3 1/2" (TON) - PE
 PR HOT-MIX ASPHALT 8" (TON) - CE

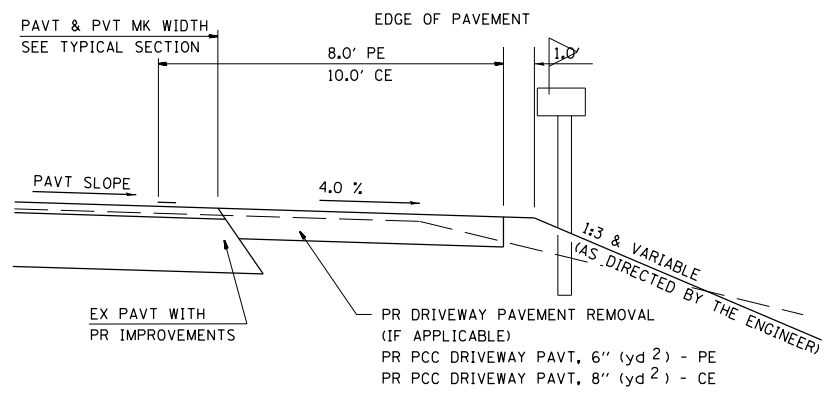
FOR P.C. CONCRETE SURFACES:
 PR DRIVEWAY PAVEMENT REMOVAL
 PR PCC DRIVEWAY PAVT 6" (yd²) - PE
 PR PCC DRIVEWAY PAVT 8" (yd²) - CE

FOR EX EARTH, AGGREGATE, OR HOT-MIX ASPHALT SURFACES:
 PR DRIVEWAY PAVEMENT REMOVAL (IF APPLICABLE)
 PR AGGREGATE BASE COURSE TYPE A, 6.0" (TON)
 PR HOT-MIX ASPHALT 3.5" (TON)

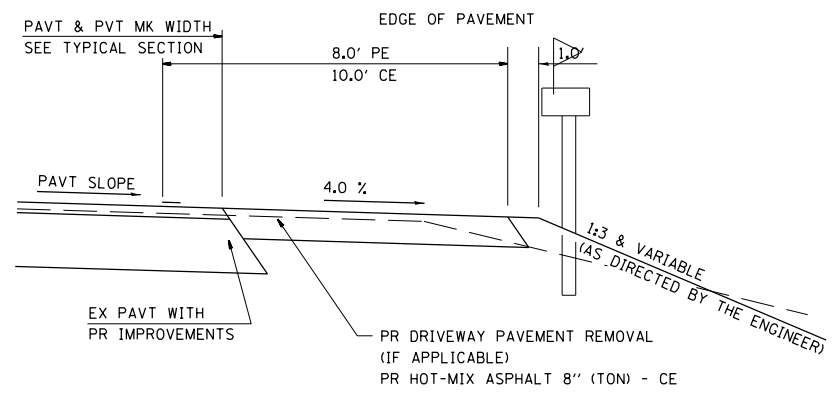
NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
 NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
 NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.



SECTION X-X THRU MAILBOX TURNOUT
 ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH EX EARTH, AGGREGATE, OR HOT-MIX ASPHALT PE & FE



SECTION X-X THRU MAILBOX TURNOUT
 COMBINED WITH EX CONC PE OR CE



SECTION X-X THRU MAILBOX TURNOUT
 COMBINED WITH EX EARTH, AGGREGATE, OR HOT-MIX ASPHALT CE

REVISIONS	
NAME	DATE

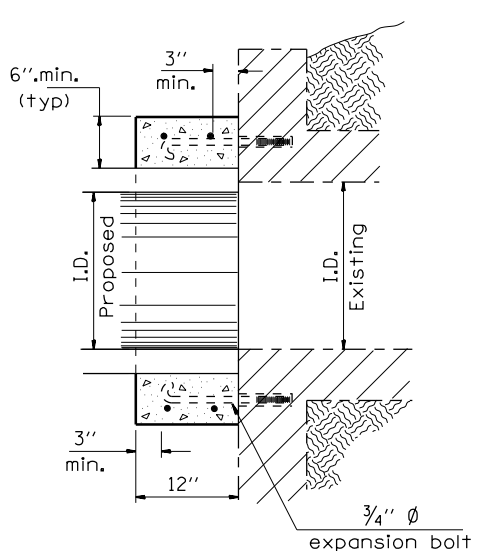
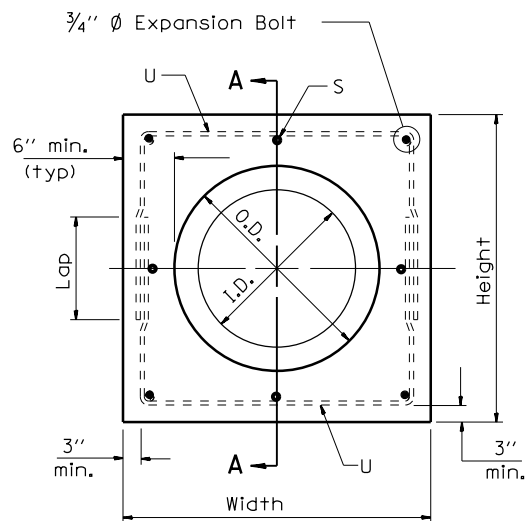
ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS
ENTRANCE & MAILBOX TURNOUT
FAP 310 (US 67/IL 104)
 DRAWN BY EBB
 CHECKED BY
 DATE 8/06

9:45:26 AM
 Mar-30-2011 09:45:26AM
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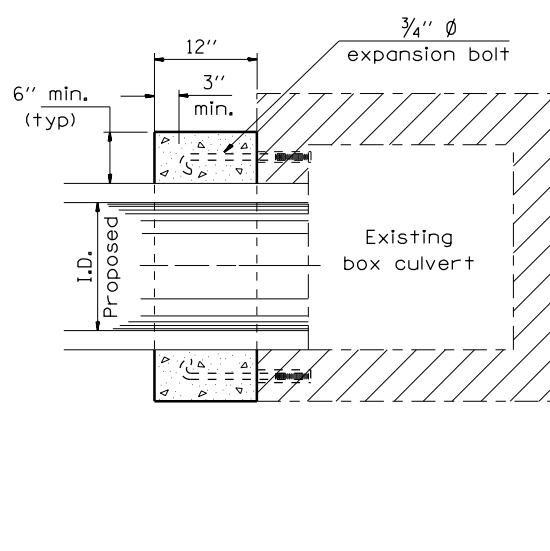
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	434
STA. TO STA.		ILLINOIS FED. AID PROJECT		

Mar-30-2011 09:45:31AM

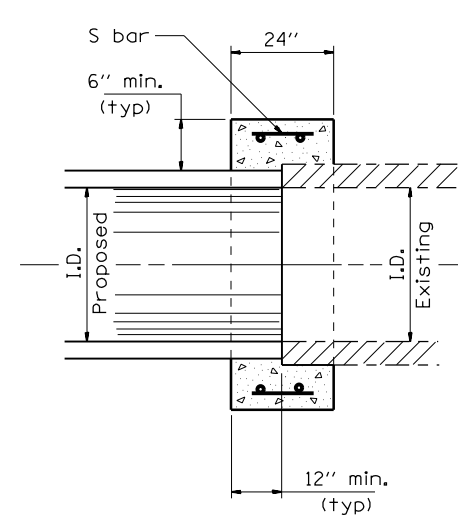
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Section Type A
(Box end extension)

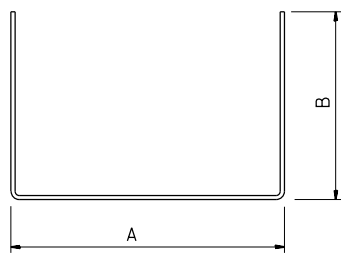


Section Type B
(Pipe in side extension)

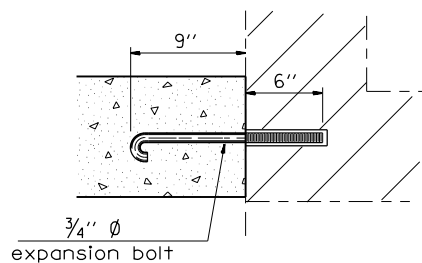


Section Type C
(Pipe end to pipe end extension
No expansion bolts required)

Section A - A



#5 U - bar



Expansion Bolt Detail

Notes:

- Expansion bolts shall consist of self drilling expansion shields and 3/4" diameter hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete. Minimum Certified Proof Load - 2 ton
- Use minimum of 1 (one) expansion bolt at each corner.

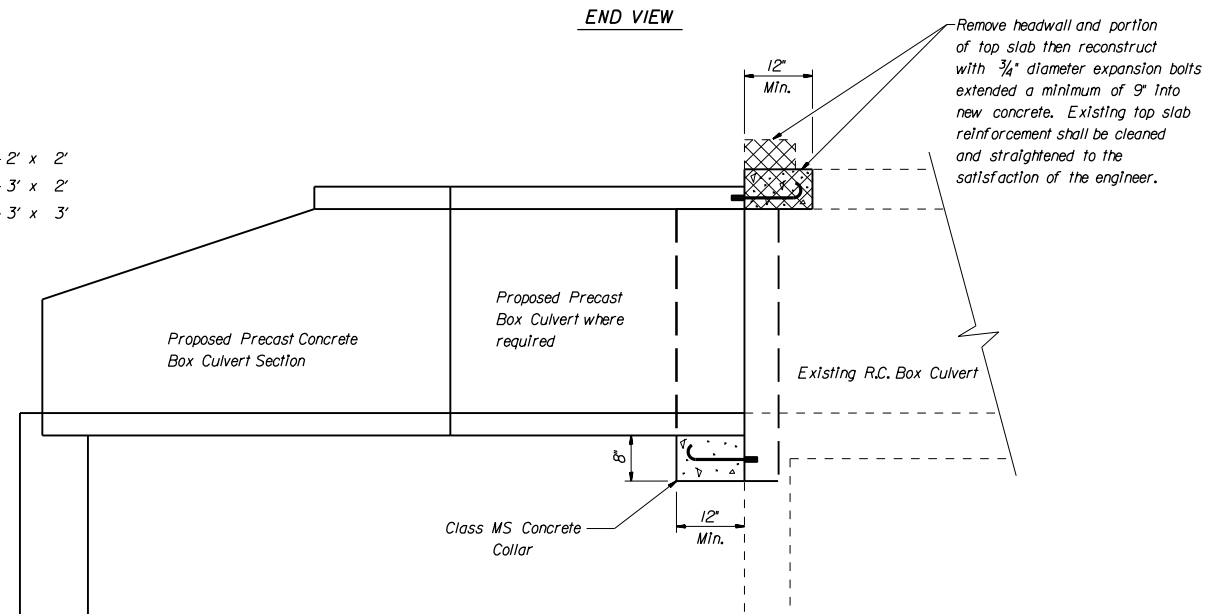
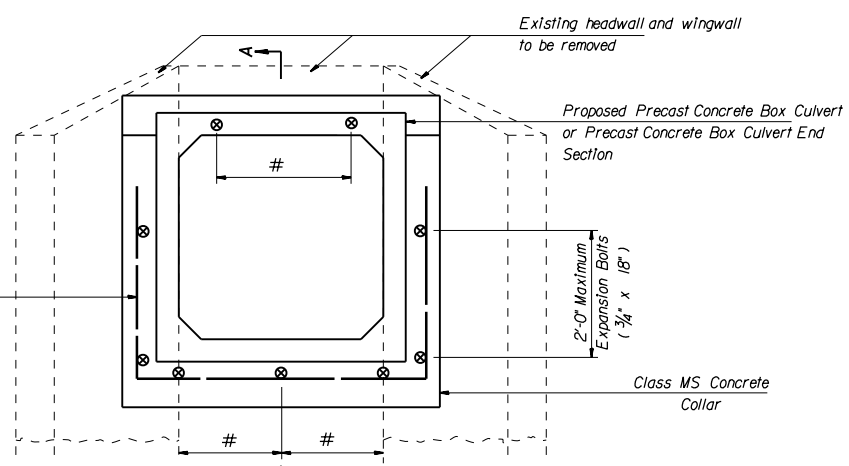
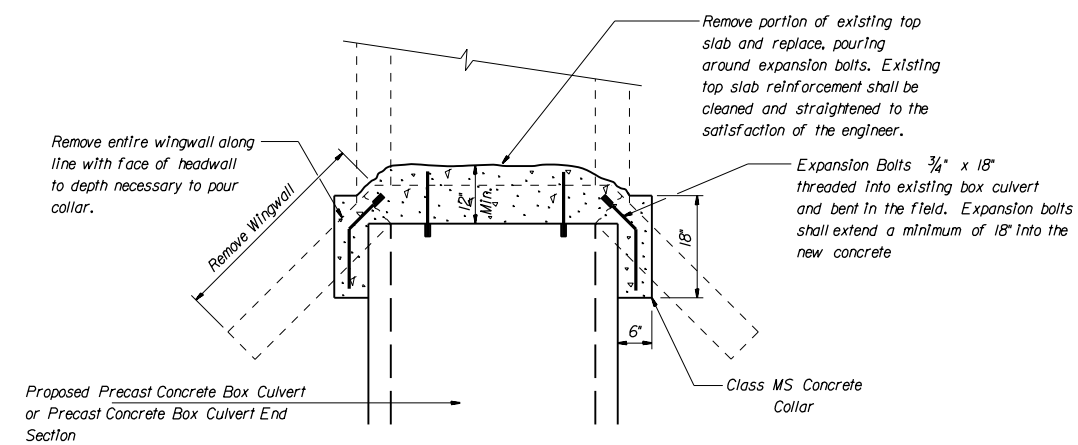
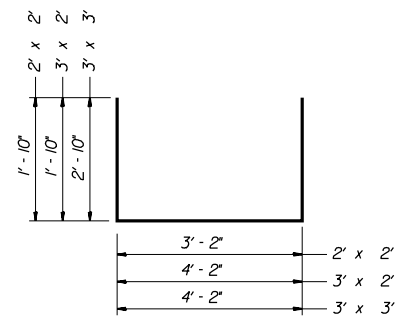
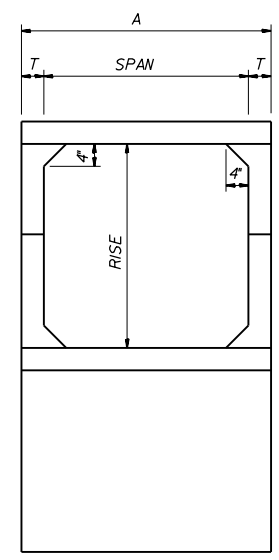
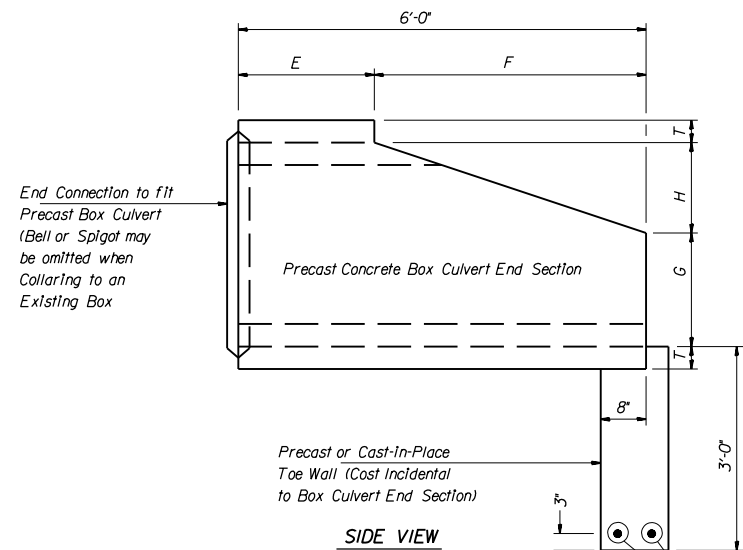
Location	Station	Section Type	Skew	Existing Culvert Size	Proposed Culvert		Collar		Reinforcement Bars								Expansion Bolts 3/4"	Concrete Collar				
					I.D.	O.D.	Height	Width	S bar		U bar				(lb)	Each			cu yd			
No.	Size	Length	No.	Size	A	B	Lap	Length														
US 67	1082+59.8 (LT)	C	27°	48"	48"	58"	70"	70"	8	#5	18"	4	#5	64"	41"	18	146"	63.3	0	1.16		
US 67	1102+68.7 (LT)	C	35°	27"	27"	33 1/2"	45 1/2"	45 1/2"	8	#5	18"	4	#5	39 1/2"	28 3/4"	18	97"	46.3	0	0.61		
US 67	1102+68.7 (RT)	C	35°	27"	27"	33 1/2"	45 1/2"	45 1/2"	8	#5	18"	4	#5	39 1/2"	28 3/4"	18	97"	46.3	0	0.61		
TRANSITION A	971+13.4 (RT)	A	7°	2' x 2'	24"	24"	42"	42"	-	-	-	4	#5	36"	27"	18	90"	31.3	4	0.34		
TRANSITION A	974+66.0 (RT)	A	7°	2' x 2'	24"	24"	42"	42"	-	-	-	4	#5	36"	27"	18	90"	31.3	4	0.34		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**MISCELLANEOUS DETAILS
 CONCRETE COLLAR
 FAP 310 (US 67/IL 104)**
 DATE 9/06
 DRAWN BY BGY
 CHECKED BY EBB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	435
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE:
Expansion Bolts shall consist of self drilling expansion shields and 3/4" diameter hooked bolts. Hooked bolts shall extend a minimum distance as specified, 9" or 18" into the new concrete. Minimum certified proof load = 4080 lbs.



Number of expansion bolts and spacing

Span x Rise	Top Slab 3/4" x 9" *	Bottom Slab 3/4" x 9" *	Each Wing 3/4" x 18" *
2' x 2'	2 at 12"	2 at 12"	2 at 24"
3' x 2'	2 at 24"	3 at 18"	2 at 24"
3' x 3'	2 at 24"	3 at 18"	2 at 24"

* The dimensions shown are the minimum extensions of the expansion bolts into the new concrete.

SCHEDULE OF ESTIMATED QUANTITIES

STATION	SIZE (FT)	CONCRETE COLLAR	EXPANSION BOLTS	REINFORCEMENT BARS
		(C. Y.)	(EA.)	(LBS)
866+07 LT (9+33 EX US 67)	3' x 3'	0.40	9	15

Span x Rise	T	A	E	F	G	H
2' x 2'	4"	2' - 8"	3' - 0"	3' - 0"	1' - 0"	1' - 0"
3' x 2'	4"	3' - 8"	3' - 0"	3' - 0"	1' - 0"	1' - 0"
3' x 3'	4"	3' - 8"	2' - 0"	4' - 0"	1' - 8"	1' - 4"

NOTE:
Removal of existing headwalls, portions of existing top slabs, etc., shall not be paid for separately, but shall be considered as included in the contract unit price per cubic yard for concrete collar.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
BOX CULVERT EXTENSION
FAP 310 (US 67/IL 104)

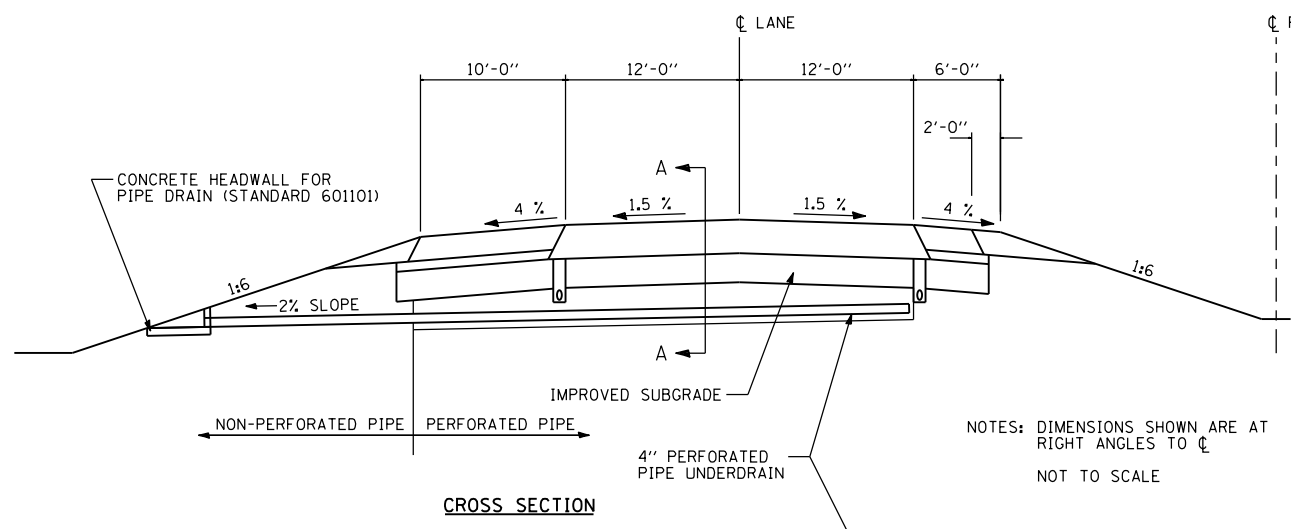
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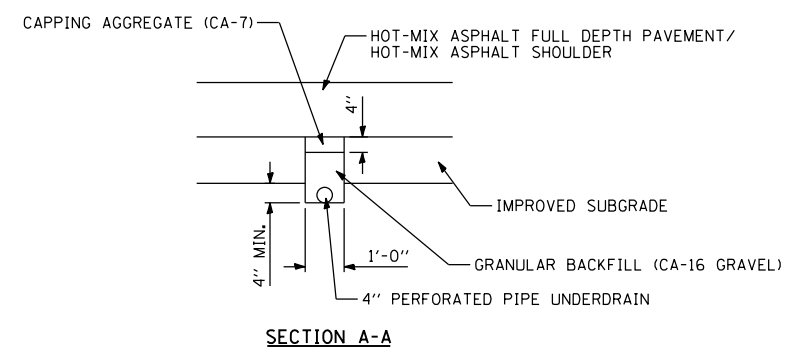
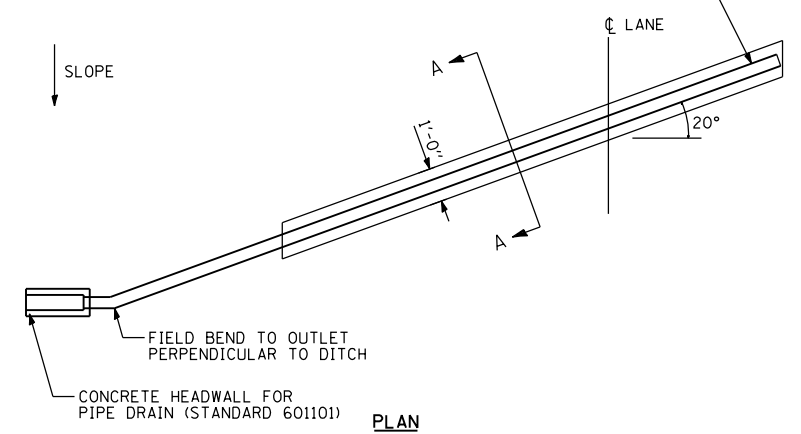
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	436
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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NOTES: DIMENSIONS SHOWN ARE AT RIGHT ANGLES TO CL
NOT TO SCALE



GENERAL NOTES

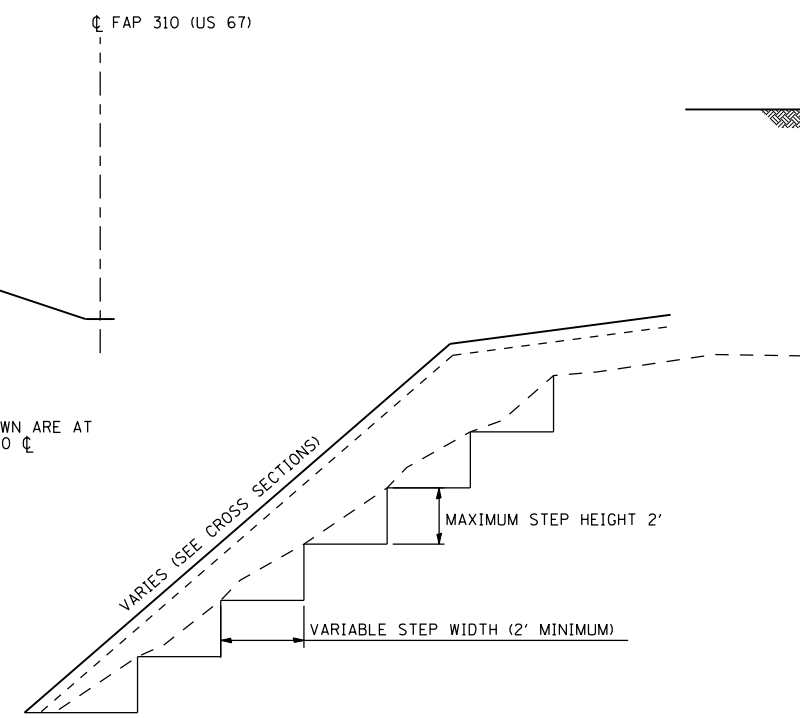
TRANSVERSE DRAIN MATERIALS AND CONSTRUCTION SHALL CONFORM TO SECTION 601 OF THE STANDARD SPECIFICATIONS EXCEPT THAT NO FABRIC ENVELOPE IS REQUIRED ON PERFORATED PIPE AND THE GRANULAR BACKFILL GRADATION SHALL BE CA-16 GRAVEL.

ALL MATERIALS WILL NOT BE MEASURED SEPARATELY, BUT WILL BE INCLUDED IN THE COST PER EACH FOR THE PAY ITEM "TRANSVERSE DRAINS COMPLETE".

SKEW THE TRANSVERSE DRAIN 20° FORWARD IN THE DIRECTION OF FLOW.

PIPE UNDERDRAINS MAY BE DELETED WITHIN ROCKFILL AREAS WHERE TRANSVERSE DRAINS ARE INSTALLED.

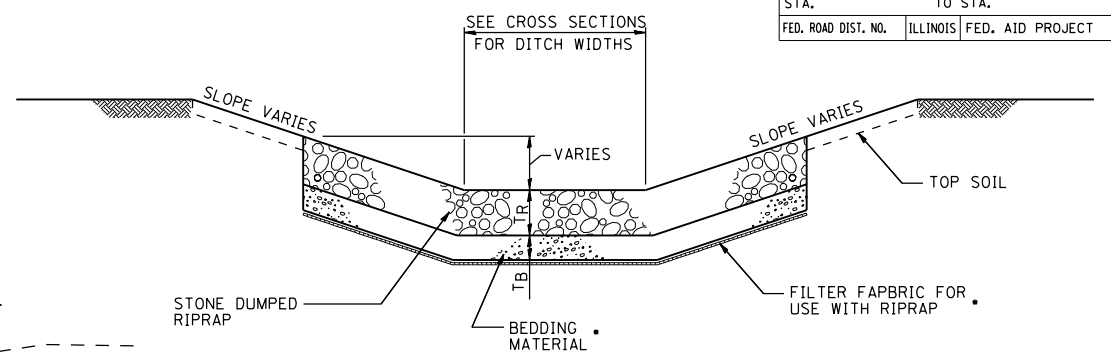
TRANSVERSE DRAIN - TANGENT PAVEMENT



NOTE: THIS DETAIL SHALL BE APPLIED TO SIDESLOPE FILLS WHERE THE EXISTING SLOPE IS STEEPER THAN 1:3.

TYPICAL FILLSLOPE STEPPING DETAIL

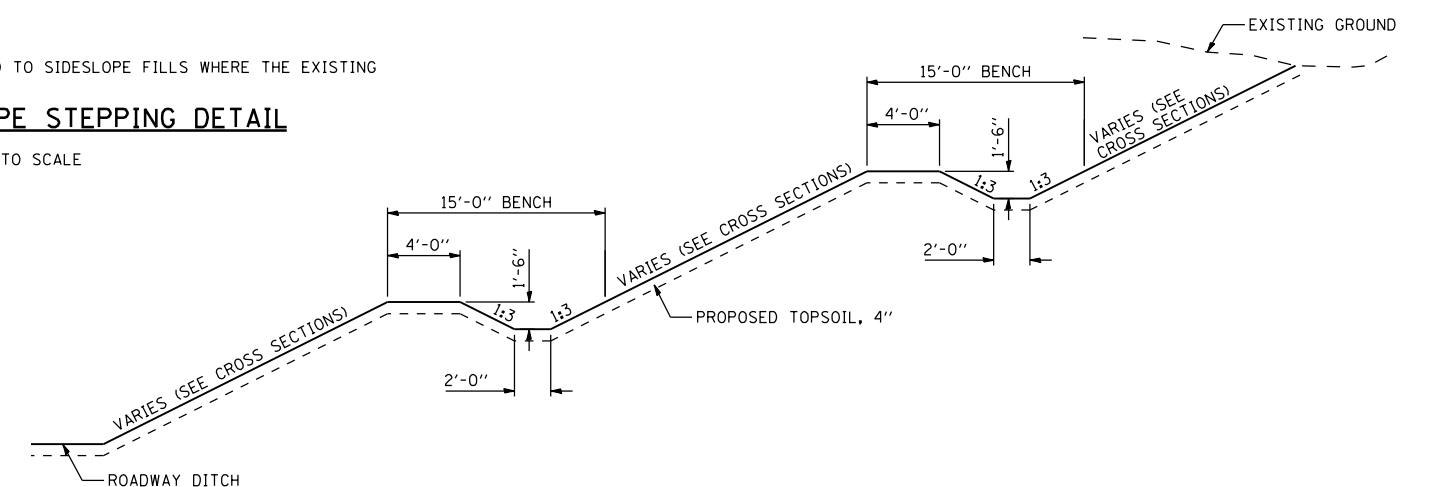
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RIPRAP GRADATION	RIPRAP THICKNESS (T _R)	BEDDING THICKNESS (T _B)
RR3	12"	6"
RR4	12"	6"
RR5	18"	6"
RR6	18"	6"

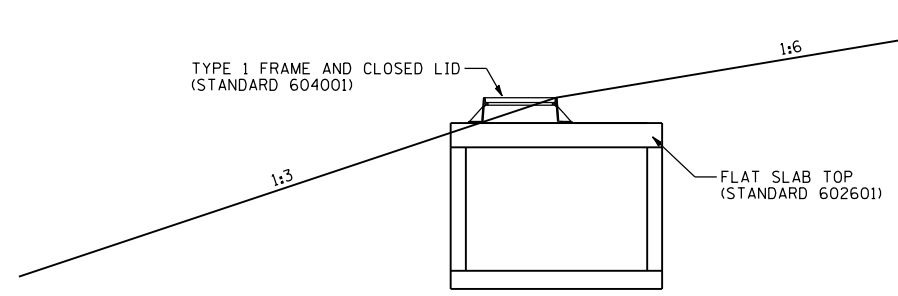
* STONE DUMPED RIPRAP GRADATION RR3 HAS NO BEDDING MATERIAL OR FILTER FABRIC UNLESS IN SANDY SOILS.

TYPICAL STONE DUMPED RIPRAP DITCH LINING
SEE SCHEDULE FOR INSTALLATION LOCATIONS



TYPICAL BENCH DITCH IN BACKSLOPES

NOT TO SCALE
SEE CROSS SECTIONS & PROFILES FOR EXACT LOCATIONS



TYPICAL GRADING FOR MANHOLE WITH
TYPE 1 FRAME & CLOSED LID

NOT TO SCALE
SEE CROSS SECTIONS & PROFILES FOR EXACT LOCATIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
SLOPE BENCHING - RIPRAP
FAP 310 (US 67/IL 104)

DATE 9/06

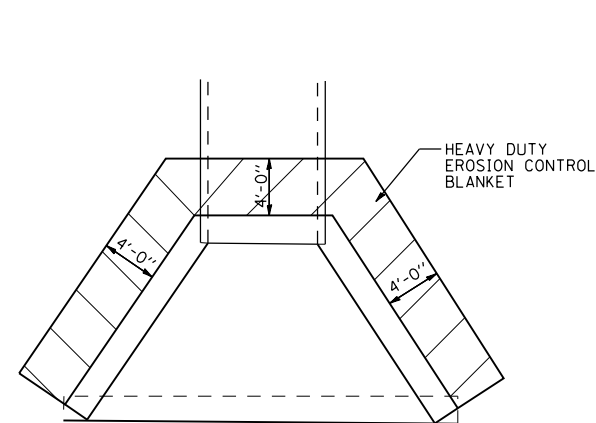
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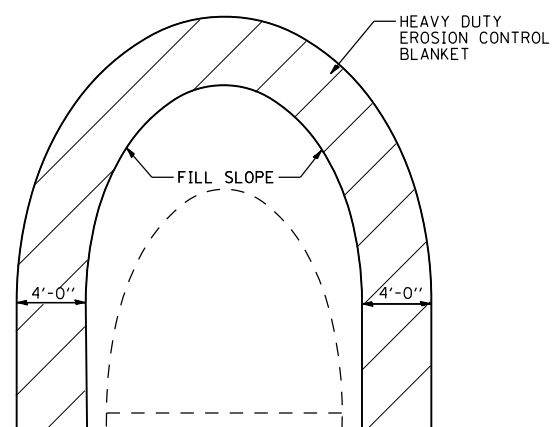
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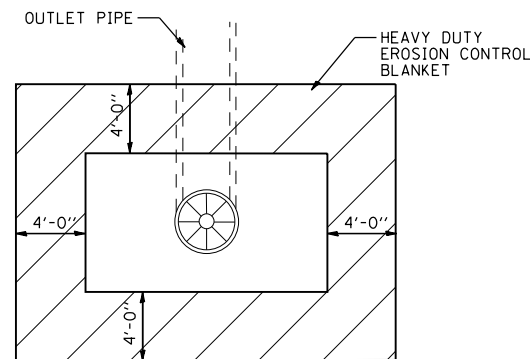
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	437
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



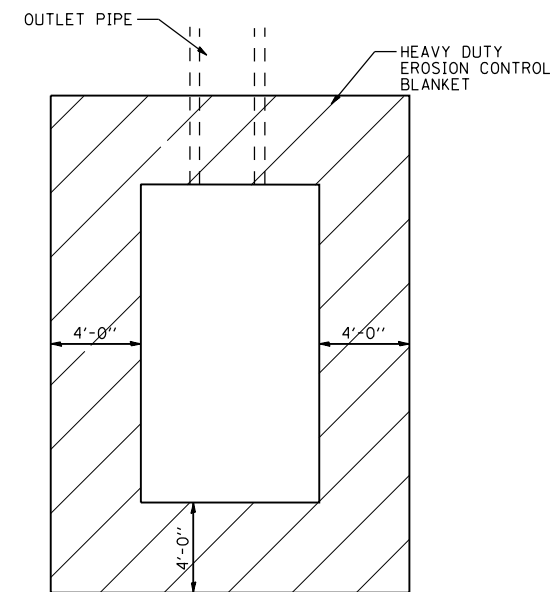
EROSION CONTROL BLANKET AROUND HEADWALLS & CULVERT WINGWALLS



EROSION CONTROL BLANKET AROUND FLARED END SECTION STD. 542301



EROSION CONTROL BLANKET AROUND MEDIAN INLETS STD. 604101 & STD. 604106



EROSION CONTROL BLANKET AROUND HEADWALL FOR PIPE UNDERDRAIN STD. 601101

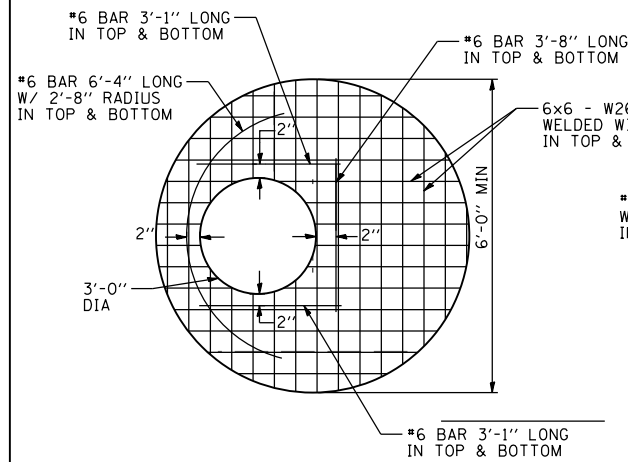
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS
EROSION CONTROL BLANKET
FAP 310 (US 67/IL 104)

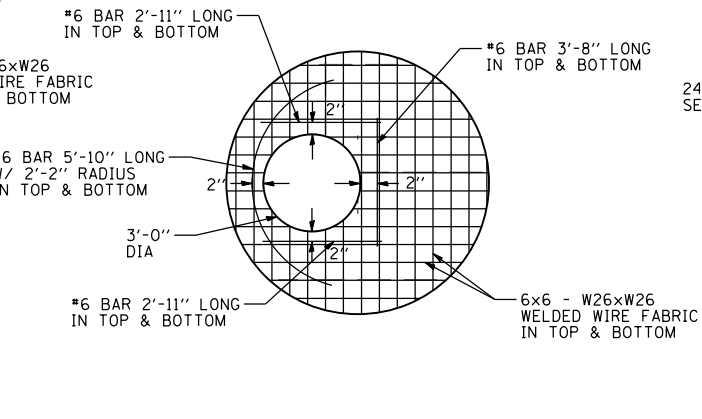
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CHECKED BY
DATE 9/06

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

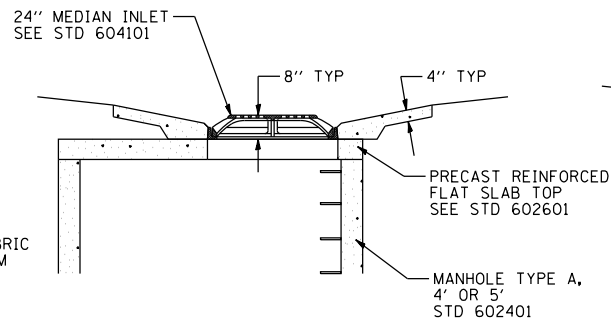
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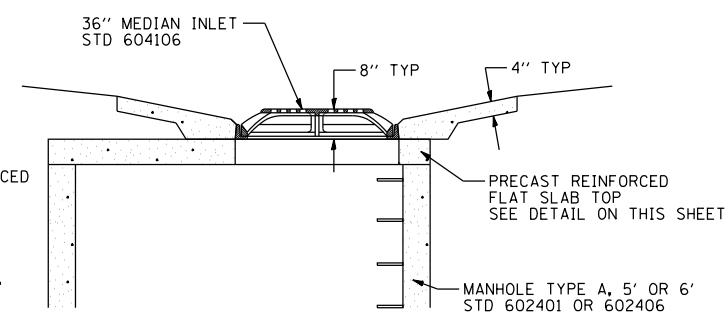
6' FLAT SLAB TOP DETAIL WITH 36" OPENING



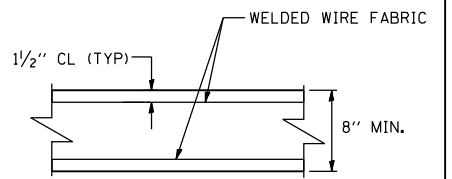
5' FLAT SLAB TOP DETAIL WITH 36" OPENING



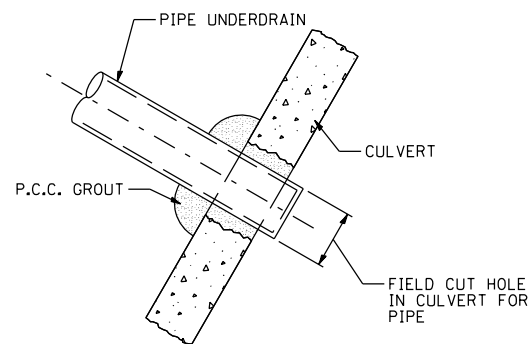
DETAIL OF STANDARD 24" MEDIAN INLET OF FLAT SLAB TOP



DETAIL OF STANDARD 36" MEDIAN INLET OF FLAT SLAB TOP

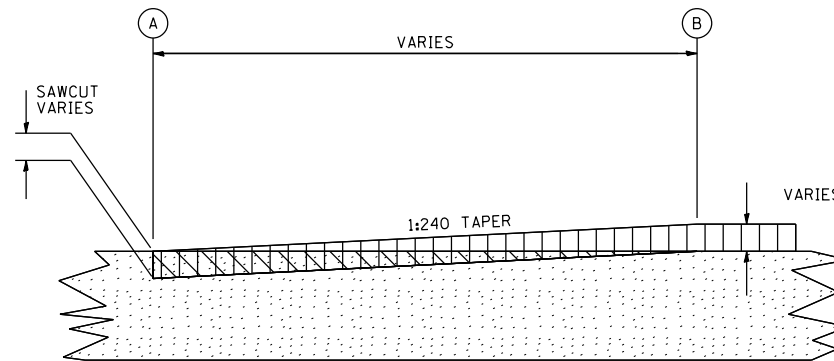


TYPICAL SLAB TOP SECTION FOR 5' OR 6' MANHOLES



DETAIL OF PLACING PIPE IN CULVERT

NOTE: COST OF PLACING PIPE IN CULVERT SHALL BE INCLUDED IN THE PAY ITEM FOR THE PIPE UNDERDRAIN.



- PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- PROPOSED HOT-MIX ASPHALT SURFACE COURSE
- EXISTING HOT-MIX ASPHALT PAVEMENT OR OVERLAY

LOCATION	A	B
EX US 67 / IL 104	97+55.0	97+85.0
EX US 67 / IL 104	2+55.0	3+00.0
EX US 67 / IL 104	556+00.0	556+45.0
TRANSITION C	61+20.4	61+75.4
US 67 FRONTAGE RD	53+65.0	54+20.0
COOPER STREET	442+65.0	443+45.0

BUTT JOINT DETAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS
FAP 310 (US 67/IL 104)

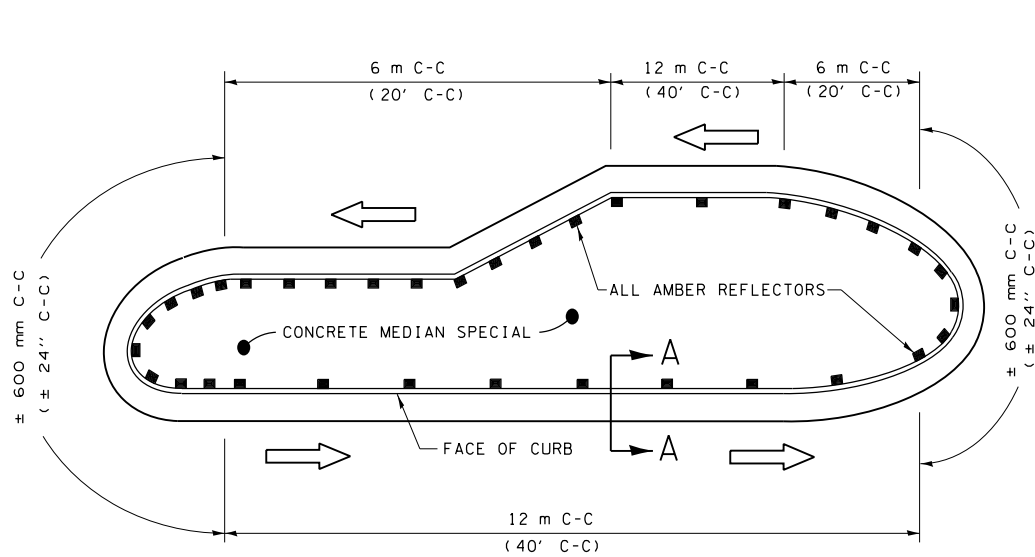
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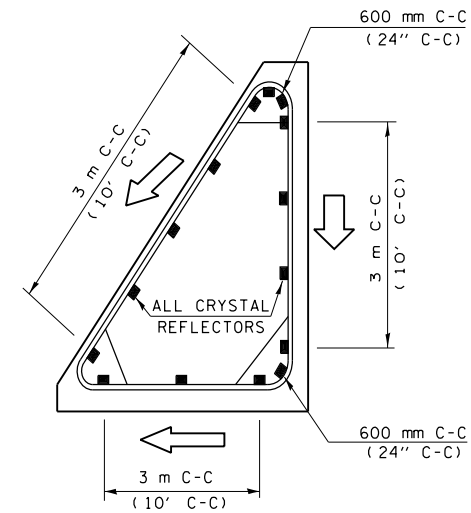
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310	69-3(3HB)	MORGAN	793	439
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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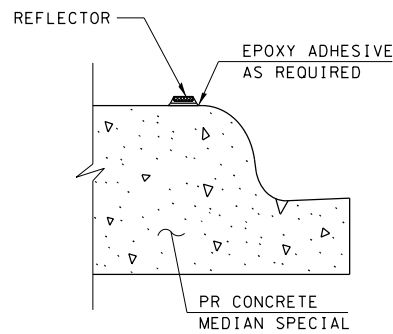
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TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON RAISED MEDIAN

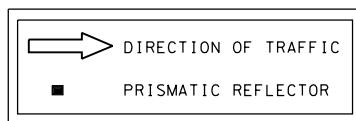


TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBED CORNER ISLAND



SECTION A-A

LEGEND



GENERAL NOTES

PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL UNITS AND THE REFLECTOR FACE SHALL BE POSITIONED TO FACE THE APPROACHING TRAFFIC.

PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.

PRISMATIC REFLECTOR FACE SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.

REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.

REVISIONS	
NAME	DATE

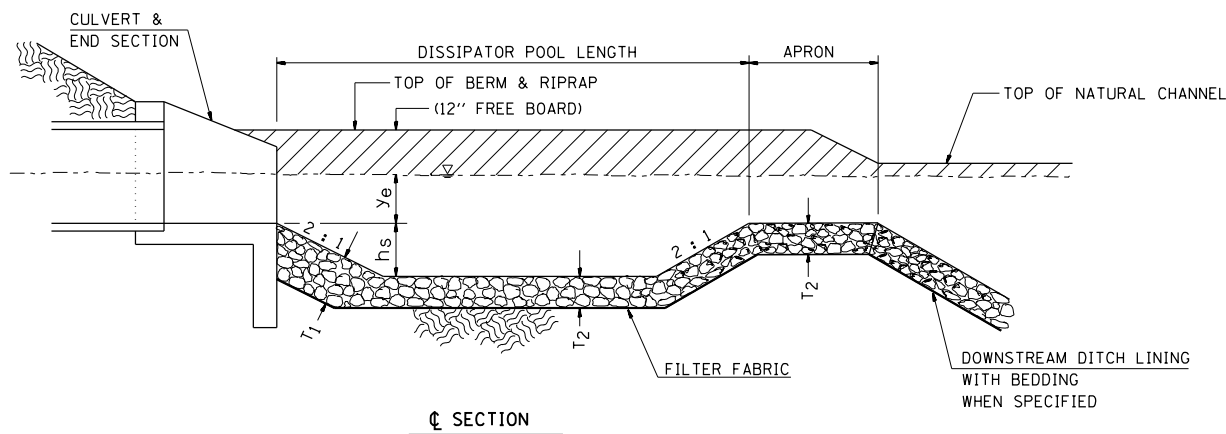
ILLINOIS DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
FAP 310 (US 67/IL 104)

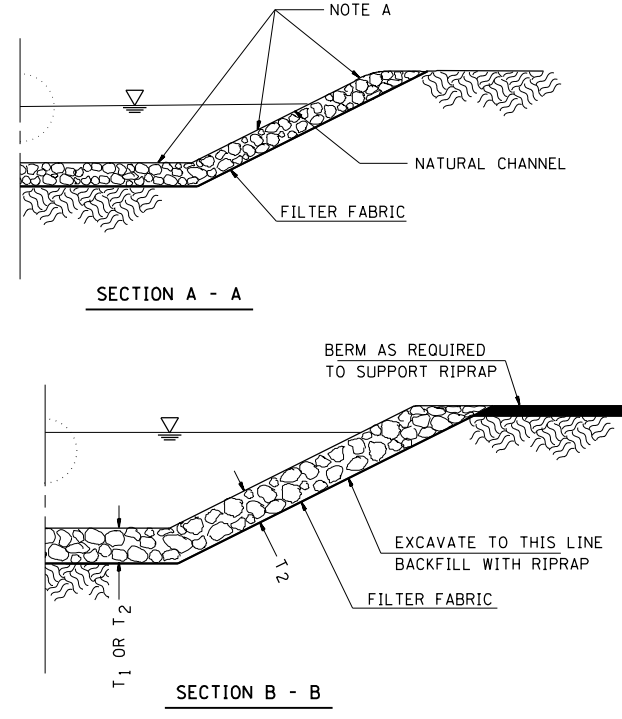
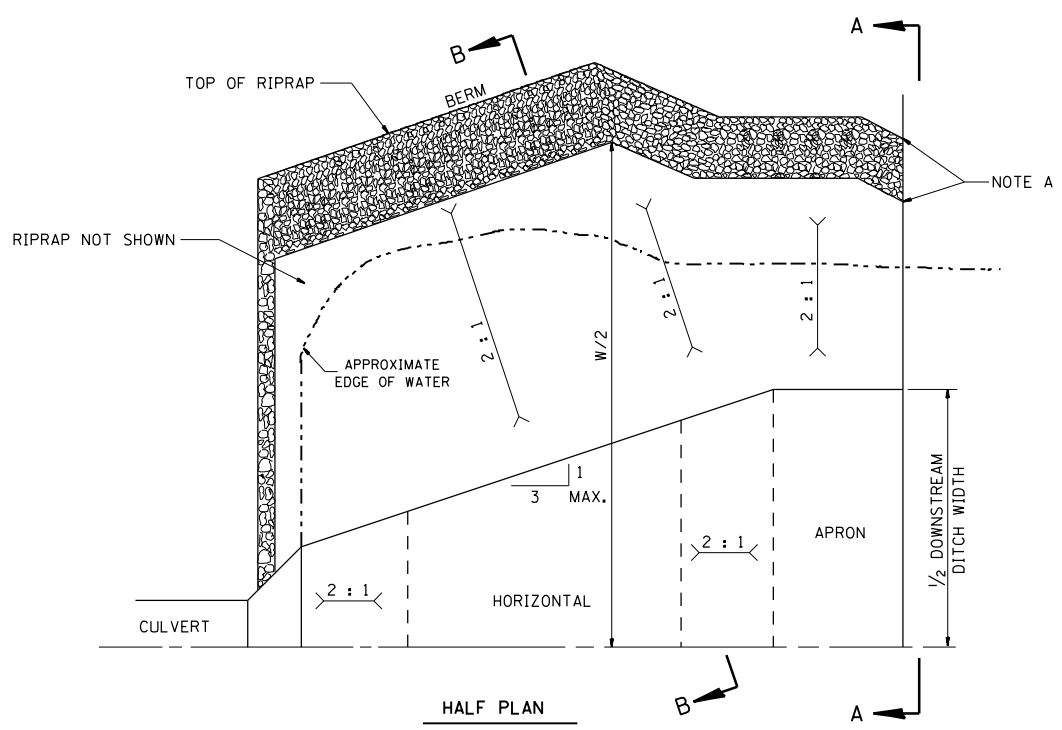
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	440
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STATION	DISSIPATOR POOL LENGTH	APRON LENGTH	W WIDTH	hs	TOP OF BERM hs + ye + 1 FT	RIPRAP THICKNESS		RIPRAP CLASS	STONE RIPRAP	FILTER FABRIC
						T1	T2			
851+11	12.0	6.0	44.2	1.2	4.8	30	22	A4	110.5	102.0
866+07	15.0	5.0	36.5	1.5	5.3	30	22	A4	104.3	96.3
922+35	16.5	8.5	62.8	1.6	7.1	30	22	A4	223.2	206.0
931+90	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
947+28	12.0	6.0	28.3	1.0	3.6	30	22	A4	70.1	64.7
969+05	18.0	8.0	46.8	1.6	7.1	30	22	A4	172.7	159.4
978+98	16.5	6.0	38.6	1.6	5.2	30	22	A4	119.2	110.0
986+94	12.0	6.0	24.8	1.0	3.2	30	22	A4	60.2	55.6
995+49	16.0	4.0	47.0	1.6	5.3	30	22	A4	113.2	104.5
1001+27	10.0	6.0	23.5	1.0	3.0	30	22	A4	40.7	37.6
1019+28	15.0	7.5	38.5	1.6	5.7	30	22	A4	120.7	111.4
1068+01	11.0	5.0	30.9	1.6	4.7	30	22	A4	67.9	62.7
1082+60	12.0	6.0	31.8	1.0	3.5	30	22	A4	71.9	66.4
1120+72	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
1134+61	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
1141+45	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
29+93 (CONCORD ROAD)	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
13+50 (US 67 FRONT RD)	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
25+30 (US 67 FRONT RD)	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
140+00 (DUTCH LANE EAST)	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
444+96 (COOPER ST)	15.0	8.0	30.0	1.5	4.0	30	22	A4	106.7	98.5
206+05 (DUTCH LANE WEST)	15.0	8.0	51.0	1.5	5.0	30	22	A4	163.7	151.1
291+09 (HART'S GRAVEL RD)	30.0	10.0	66.5	5.0	11.0	48	36	A5	662.0	378.3
292+61 (HART'S GRAVEL RD)	40.0	10.0	69.5	5.0	10.4	48	36	A5	728.9	416.5



NOTE A - TRANSITION BASIN TO CONFORM TO THE NATURAL STREAM CHANNEL. TOP OF RIPRAP IN THE FLOOR OF THE BASIN SHOULD BE AT THE SAME ELEVATION OR LOWER THAN THE NATURAL CHANNEL BOTTOM AT SECTION "C SECTION".

EARTH EXCAVATION FOR ENERGY DISSIPATING BASINS

THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE DETAIL TO THE LENGTH, WIDTH, AND DEPTH DETERMINED BY THE ENGINEER. THE EARTH EXCAVATION WILL BE UTILIZED IN THE ROADWAY EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.

THE EARTHWORK WILL NOT BE MEASURED SEPARATELY, BUT WILL BE CONSIDERED AS PART OF THE CONTRACT UNIT BID PRICE PER TON FOR "STONE RIPRAP" OF THE CLASS AND SIZE OF RIPRAP SPECIFIED.

ENERGY DISSIPATING BASINS SHALL BE CONSTRUCTED AT THE SAME TIME AS THE CULVERT OR DITCH.

RIPRAP FOR ENERGY DISSIPATING BASINS

RIPRAP FOR ENERGY DISSIPATING BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISION FOR RIPRAP FOR ENERGY DISSIPATING BASINS.

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT WILL BE DETERMINED BY THE ENGINEER.

FILTER FABRIC WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR FILTER FABRIC.

REVISIONS	
NAME	DATE

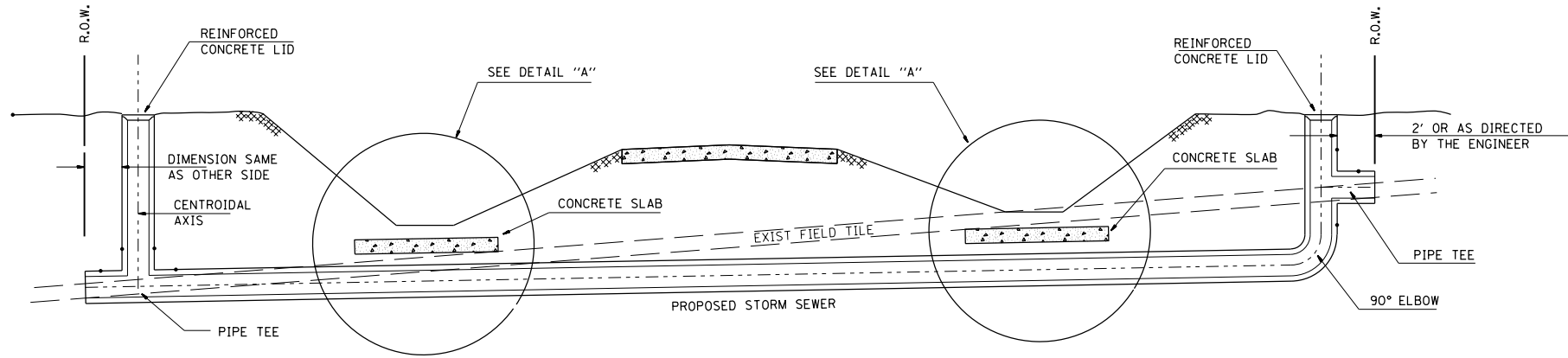
ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS
ENERGY DISSIPATING BASINS
FAP 310 (US 67/IL 104)
 DRAWN BY SEB
 CHECKED BY
 DATE 9/06

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	441
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

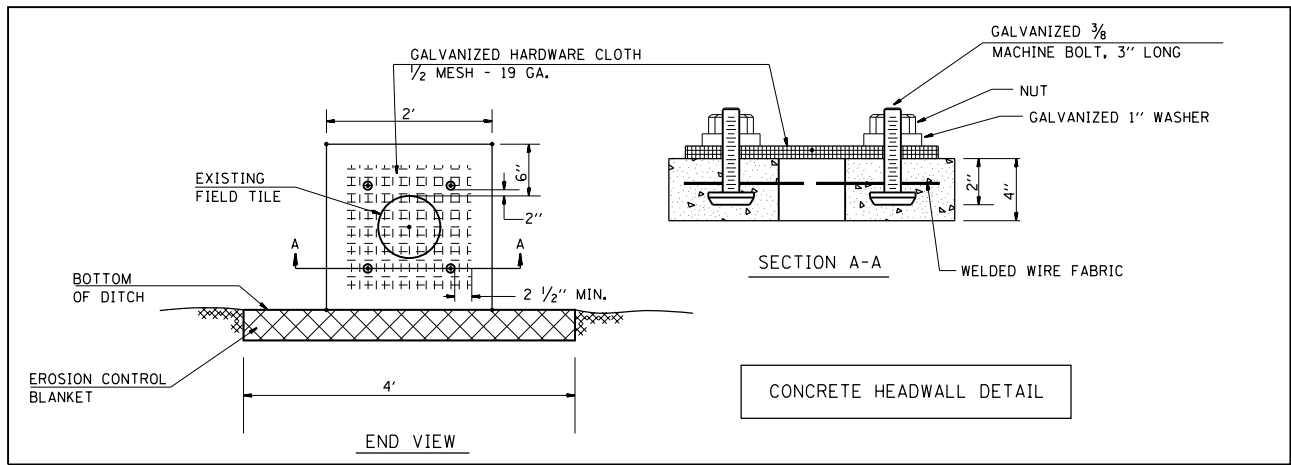
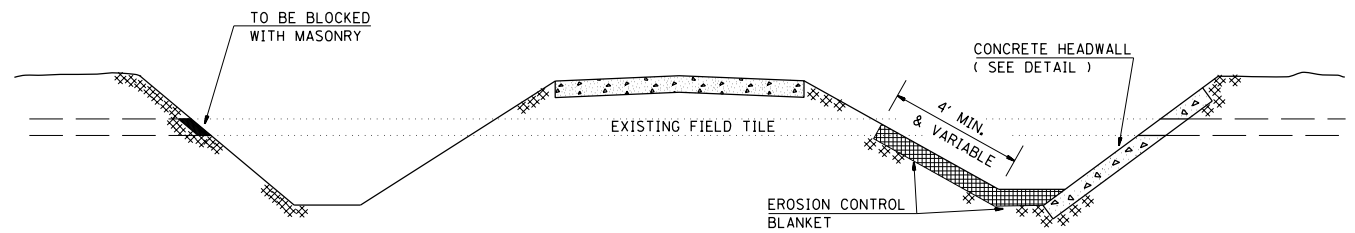
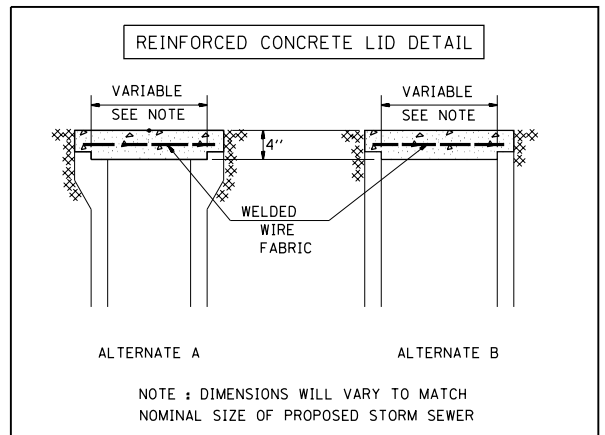
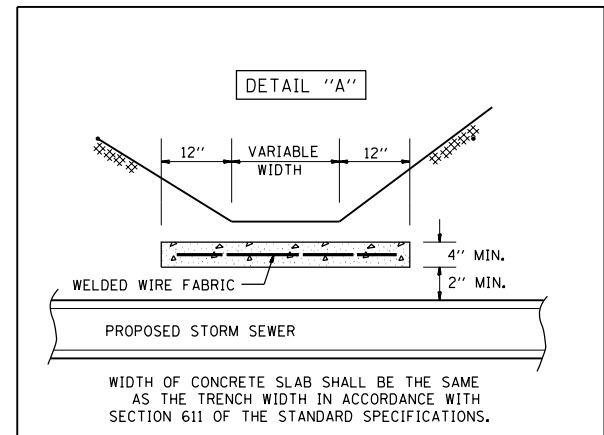
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GENERAL NOTES

1. FIELD TILE SHALL BE REPLACED IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS. THE COST PER CONTRACT UNIT PRICE OF ITEMS INCLUDED IN THIS CONTRACT SHALL BE PAID FOR AS STATED IN SECTION 611 OF THE STANDARD SPECIFICATIONS. IF THE CONTRACT UNIT PRICE IS NOT INCLUDED IN THIS CONTRACT, PAYMENT FOR THIS WORK WILL BE IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE DIAMETER OF THE PROPOSED STORM SEWER SHALL BE EQUAL TO OR GREATER THAN THE EXISTING FIELD TILE.
3. THE REINFORCED CONCRETE LID SHALL BE CLASS SI MISCELLANEOUS CONCRETE OR PRECAST REINFORCED CONCRETE.
4. FIELD TILES LESS THAN 7" DIAMETER INTERCEPTED BY THE BACKSLOPE SHALL BE CRUSHED AND REMAIN IN PLACE UNDER THE ROADBED. INTERCEPTED FIELD TILES 7" OR LARGER IN DIAMETER SHALL BE REMOVED AND BACKFILLED IN ACCORDANCE WITH ARTICLE 611.03.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MISCELLANEOUS DETAILS
 FIELD TILE REPLACEMENT
 FAP 310 (US 67/IL 104)

DATE 9/06
 DRAWN BY SEB
 CHECKED BY

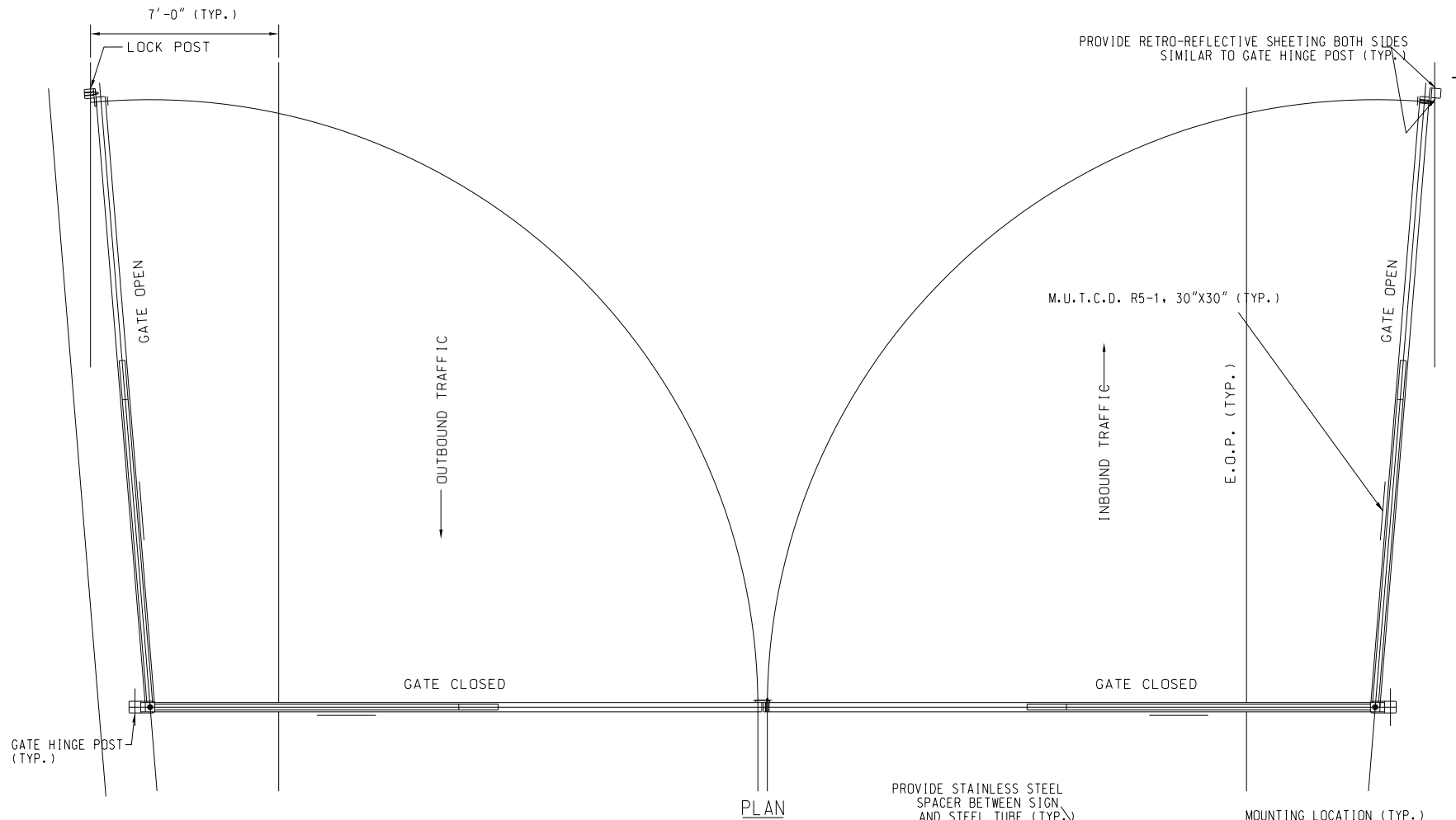
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	442
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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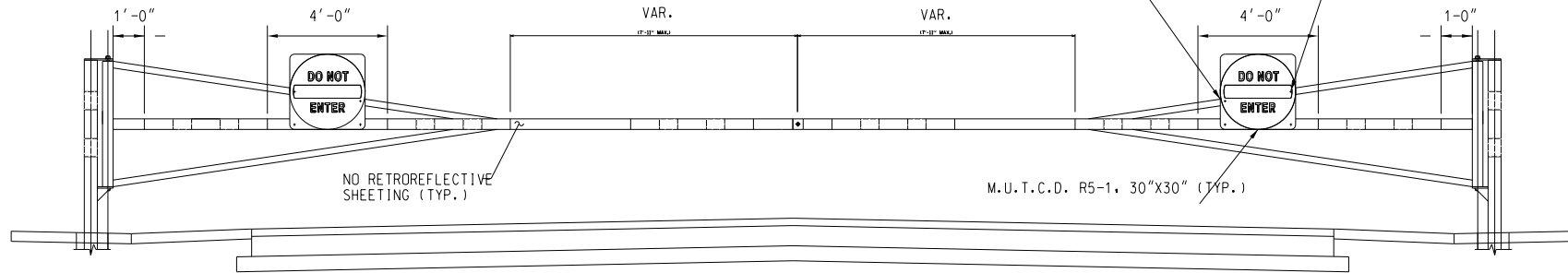
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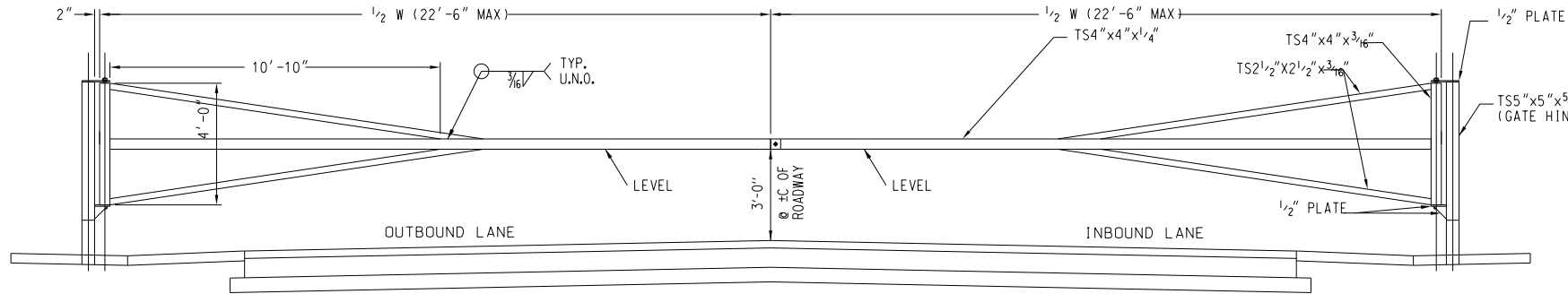


GENERAL NOTES

1. THE ENTRANCE GATE SHALL BE PAINTED WITH ONE PRIMER COAT AND TWO FINISH COATS. THE PRIMER SHALL BE AN ORGANIC, ZINC RICH, RUST INHIBITING PRIMER. THE FINISH COATS SHALL BE A MINERAL SPIRIT REDUCED FINISHED COAT INTENDED FOR EXTERIOR APPLICATIONS. THE COLOR SHALL MATCH EXISTING FACILITIES. CONTRACTOR SHALL SUBMIT PAINT CHIPS OF FINAL COLOR FOR APPROVAL. ALL EDGES OF HOLES SHALL BE PRIMED AND PAINTED PRIOR TO INSTALLING THE BOLTS.
2. ALL TUBE MEMBERS (TS) SHALL BE COLD FORMED WELDED STRUCTURAL STEEL CONFORMING TO THE LATEST ASTM A500 GRADE B (46 KSI).
3. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST ASTM A36.
4. ALL WELDS SHALL BE IN ACCORDANCE WITH AWS D1.1 USING E70 ELECTRODES.
5. HOLES IN THE STRUCTURAL STEEL AND TUBE MEMBERS SHALL BE 1/16 IN. MAXIMUM LARGER THAN THE BOLT, UNLESS NOTED OTHERWISE.
6. HINGE PIN HOLES IN THE STRUCTURAL STEEL AND TUBE MEMBERS SHALL BE 1/32 IN. MAXIMUM LARGER THAN THE PIN, UNLESS NOTED OTHERWISE.
7. GATE LOCK POST SHALL BE ERECTED AFTER THE GATE IN ORDER TO ACCOUNT FOR THE DEAD LOAD DEFLECTION OF THE GATE AND TO CORRECTLY LOCATE THE HOLE AND PIN ALIGNMENT.
8. ALL HORIZONTAL AND DIAGONAL MEMBERS SHALL HAVE A 1/2" DIAMETER VENT HOLE DRILLED UNDERNEATH THE MEMBERS AT EACH END.
9. ALL EXPOSED CORNERS OF PLATES SHALL HAVE A 1/4" RADIUS UNLESS NOTED OTHERWISE.
10. ALL CONCRETE SHALL BE CLASS SI AND SHALL HAVE A MINIMUM 14-DAY COMPRESSIVE STRENGTH OF 3500 PSI. ALL FOUNDATIONS SHALL BE DRILLED, INSPECTED, AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT OF CONCRETE. THE SOIL WAS ASSUMED TO BE A BLACK SLAG OR A LOOSE SAND AND GRAVEL.
11. CONTRACTOR SHALL PROVIDE A 7-YEAR WARRANTY ON THE RETROREFLECTIVE SHEETING.
12. CONTRACTOR SHALL LAYOUT LOCK POSTS AND HINGE POSTS FOR LOCATION APPROVAL BY ENGINEER PRIOR TO FABRICATION.
13. ALL EXPOSED EDGES SHALL BE GROUND SMOOTH.
14. ALL STEEL SHALL BE BLAST CLEANED PER SSPC-SP6 COMMERCIAL BLAST CLEANING PRIOR TO APPLICATION OF PRIMER COAT.
15. SIGNS SHALL BE THRU-BOLTED TO THE GATE AT THE LOCATIONS INDICATED ON THE PLAN WITH STAINLESS STEEL BOLTS. THE HOLES FOR THE BOLTS SHALL BE DRILLED.

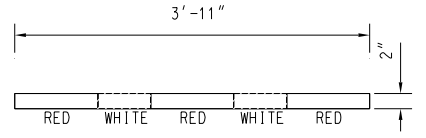


RETROREFLECTIVE SHEETING ELEVATION
(FRONT & REAR VIEW)



GATE ELEVATION
(RETROREFLECTIVE SHEETING NOT SHOWN FOR CLARITY)

W=WIDTH OF DOUBLE GATE
1/2W = WIDTH OF SINGLE GATE
(NOTE: WITH SINGLE GATE AN ADDITIONAL LOCK POST WILL BE REQUIRED TO KEEP GATE CLOSED)



TYPICAL RETROREFLECTIVE SHEETING DETAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS
ACCESS GATE DETAILS
FAP 310 (US 67/IL 104)
SHEET 1 OF 2

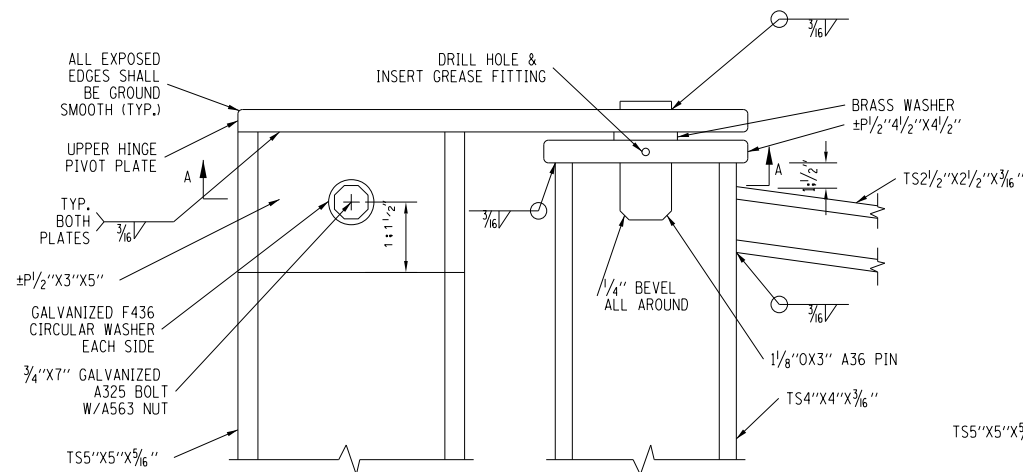
DATE _____
DRAWN BY IDOT
CHECKED BY JCN

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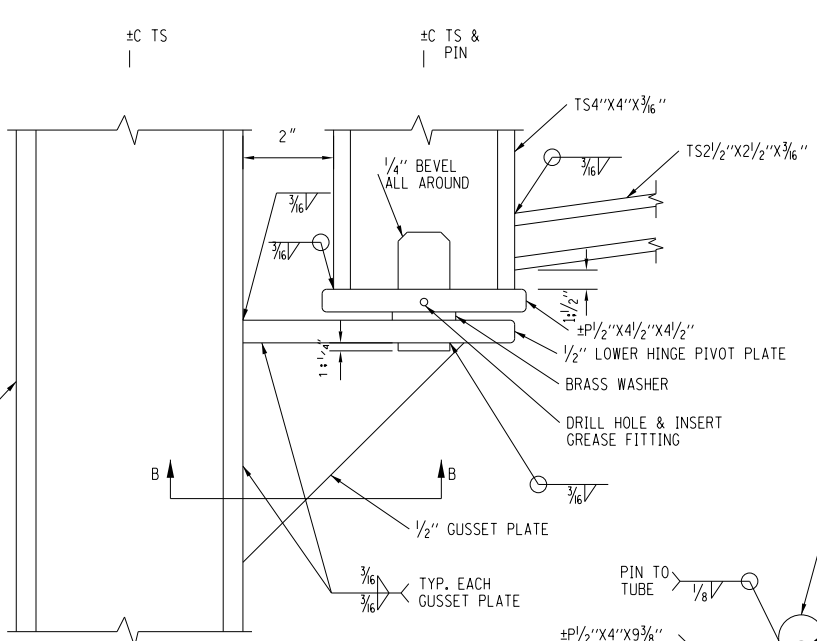
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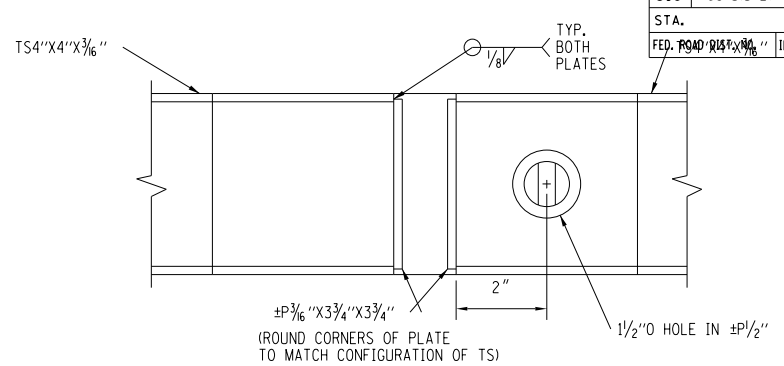
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310	69-3(3HB)	MORGAN	793	443
STA. 7940+01.00		TO STA. 7940+01.00		
FED. ROAD DIST. PROJECT ILLINOIS FED. AID PROJECT				



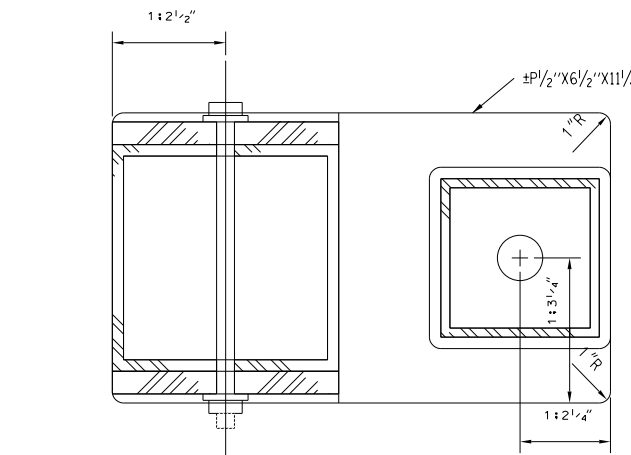
UPPER HINGE DETAIL NTS



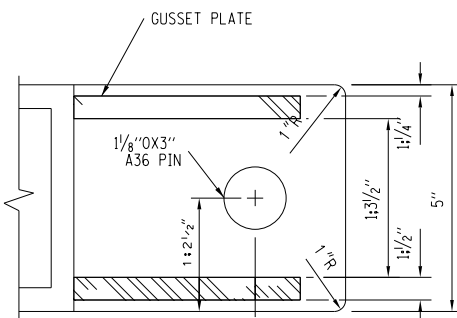
LOWER HINGE DETAIL NTS



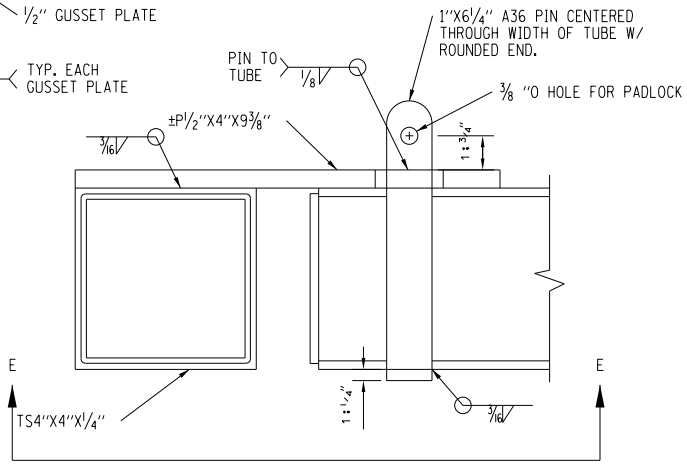
SECTION C NTS



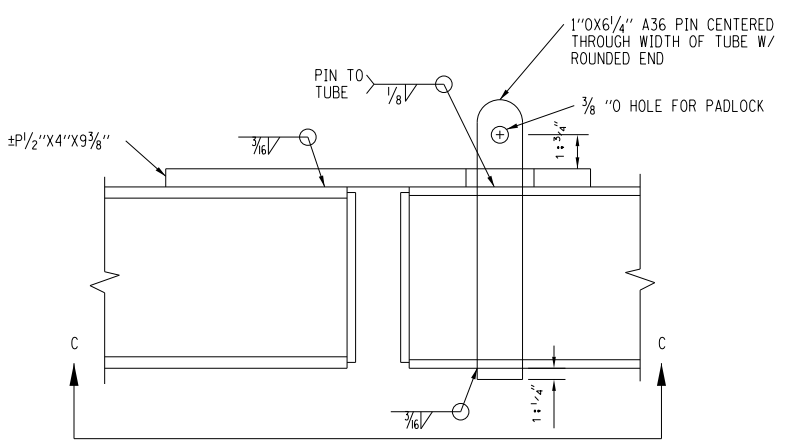
SECTION A-A NTS



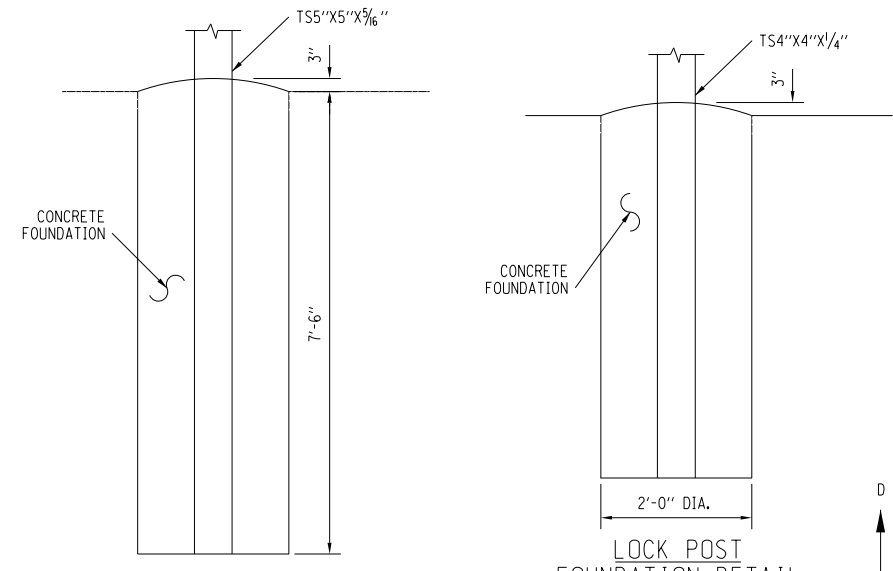
SECTION B-B NTS



SOUTH LOCK POST DETAIL NTS

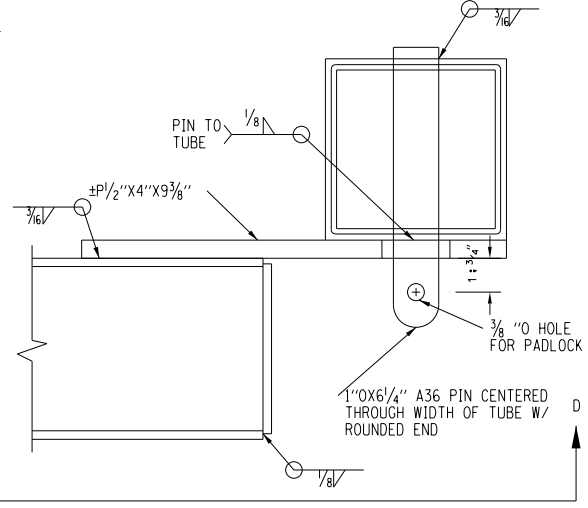


GATE-TO-GATE CONNECTION NTS

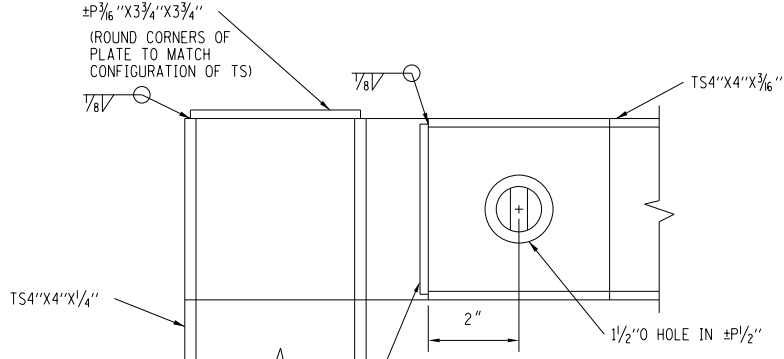


GATE POST FOUNDATION DETAIL NTS

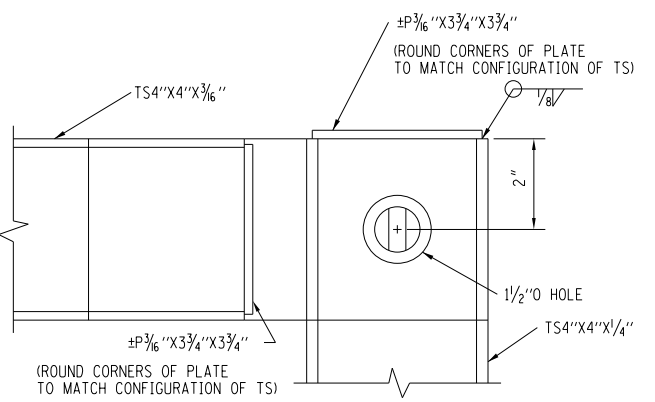
LOCK POST FOUNDATION DETAIL NTS



NORTH LOCK POST DETAIL NTS



SECTION E-E NTS



SECTION D-D NTS

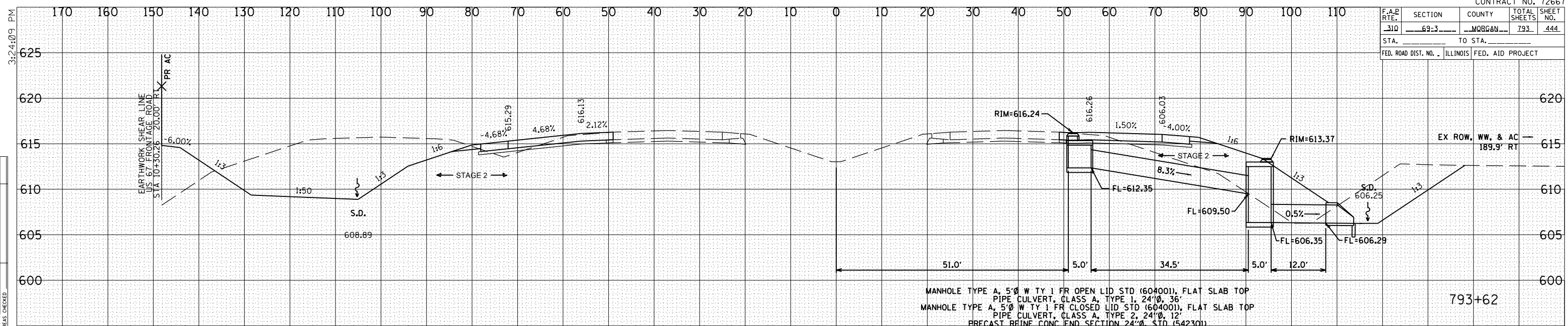
• LAGRANGE WETLAND BANK
•• D6 WETLAND MITIGATION 3

REVISIONS	
NAME	DATE

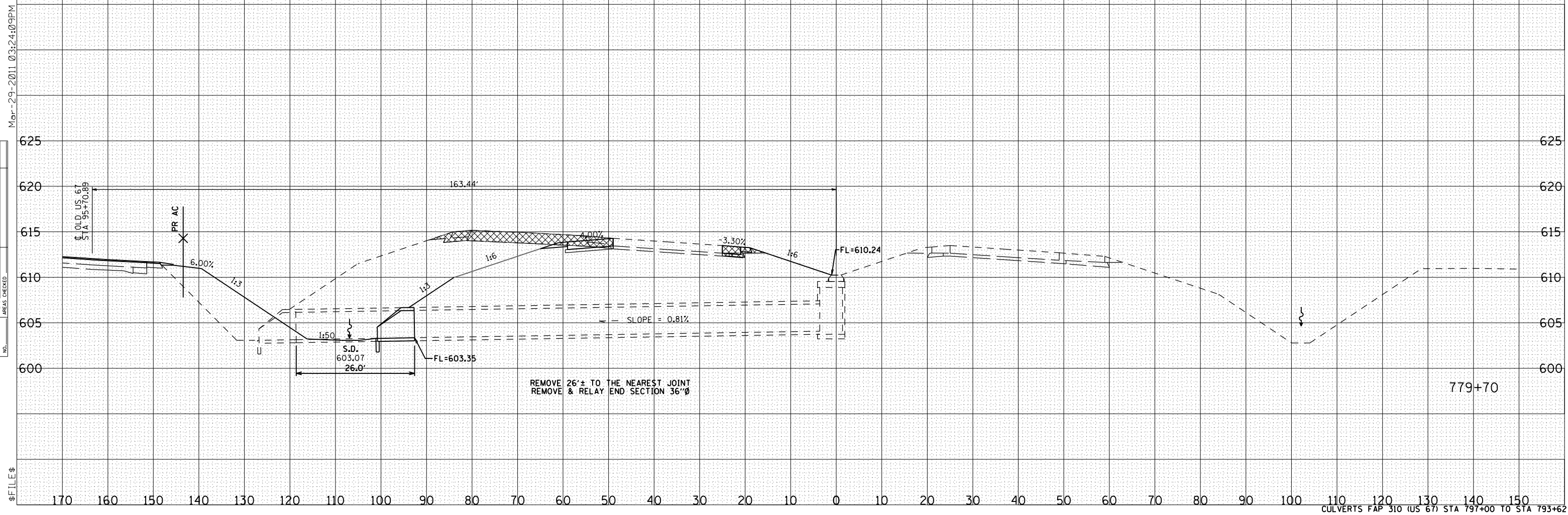
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MISCELLANEOUS DETAILS
 ACCESS GATE DETAILS
 FAP 310 (US 67/IL 104)
 SHEET 2 OF 2

DRAWN BY IDOT
CHECKED BY JCN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MOBORGAN	793	444
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		



793+62



779+70

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BY	DATE

FINAL SURVEY SURVEYED PLOTTED DATE: _____
NOTE BOOK NO. _____
AREAS CHECKED: _____

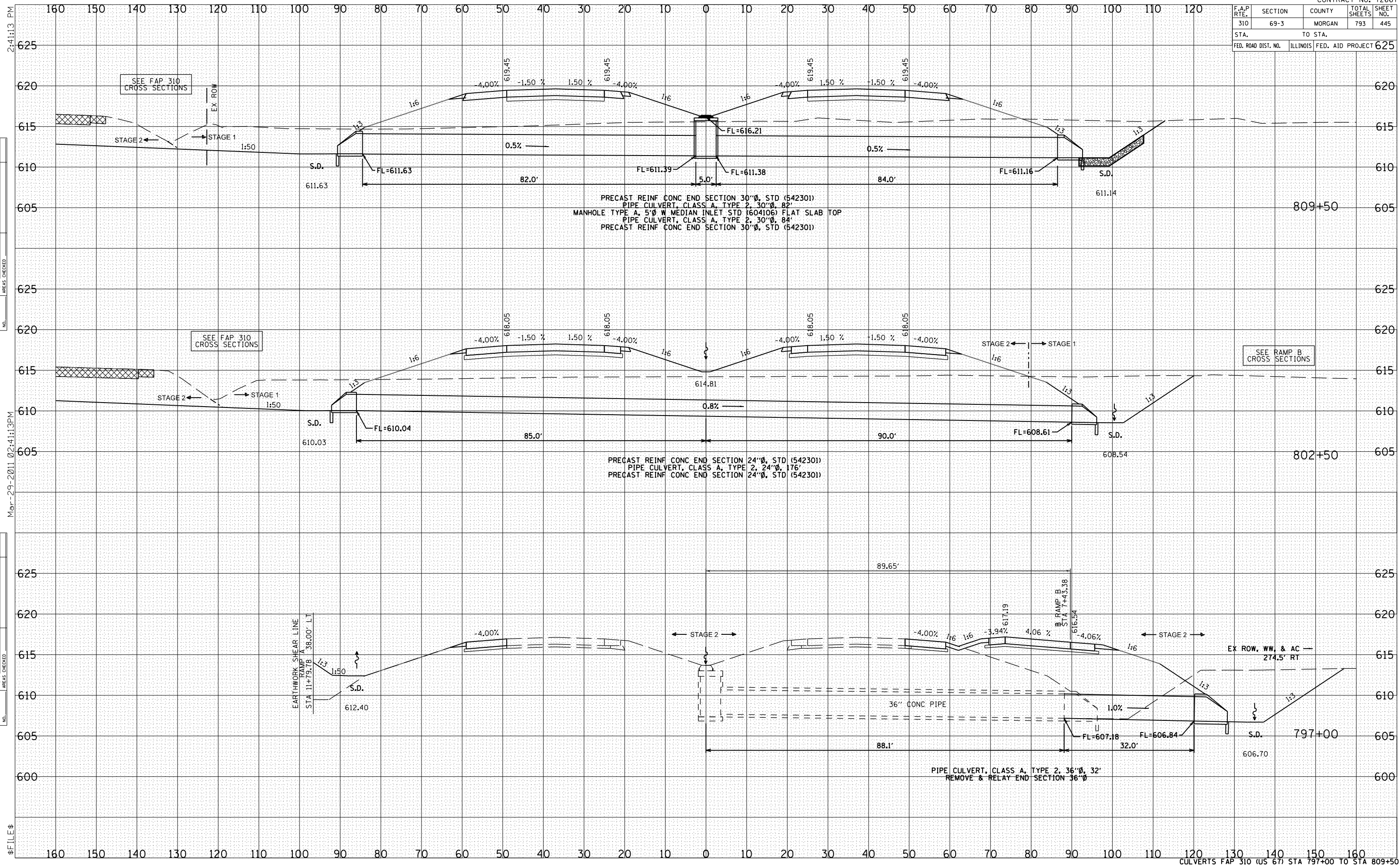
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BY	DATE

ORIGINAL SURVEY SURVEYED PLOTTED DATE: _____
NOTE BOOK NO. _____
AREAS CHECKED: _____

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	445
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	625



DATE	
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SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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BY	
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PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

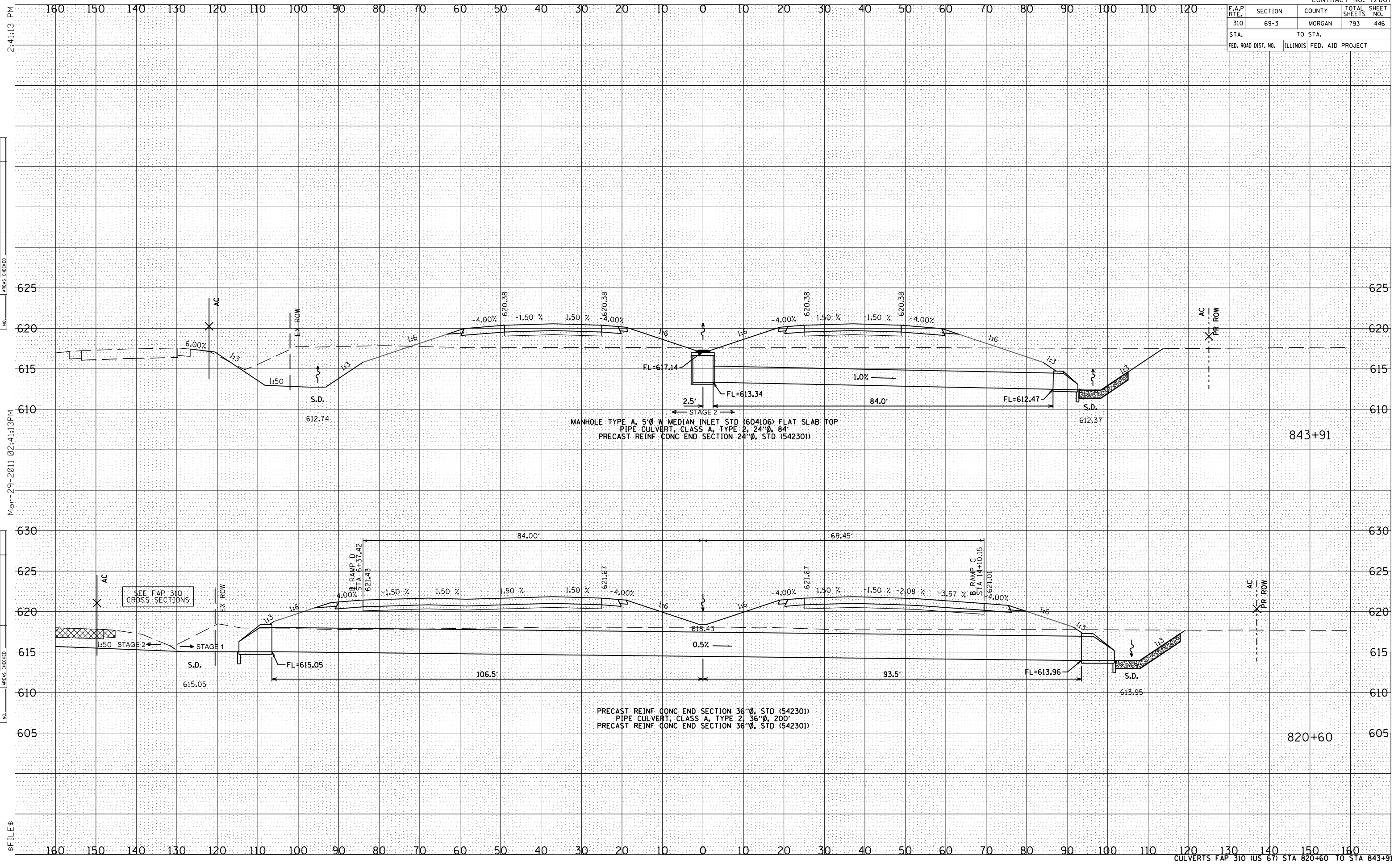
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BY	DATE

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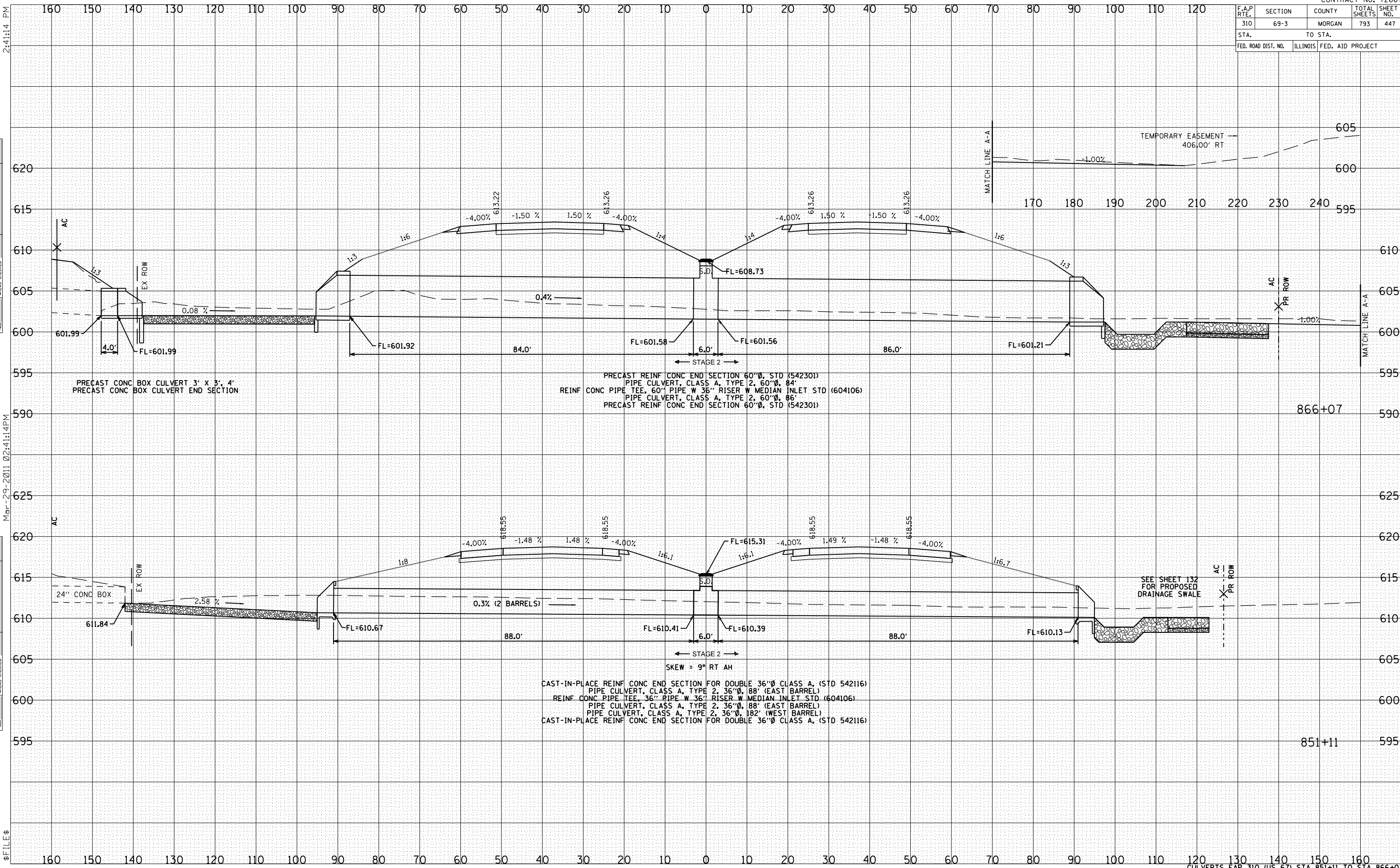
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 310		TO STA. 310		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY

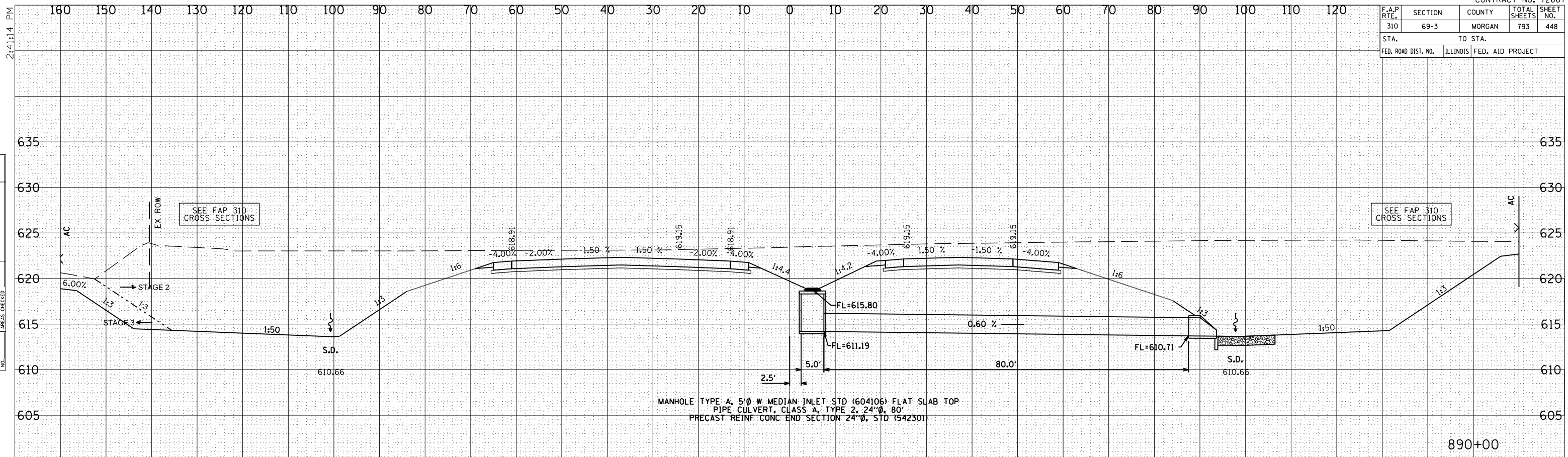
DATE	BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	448
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

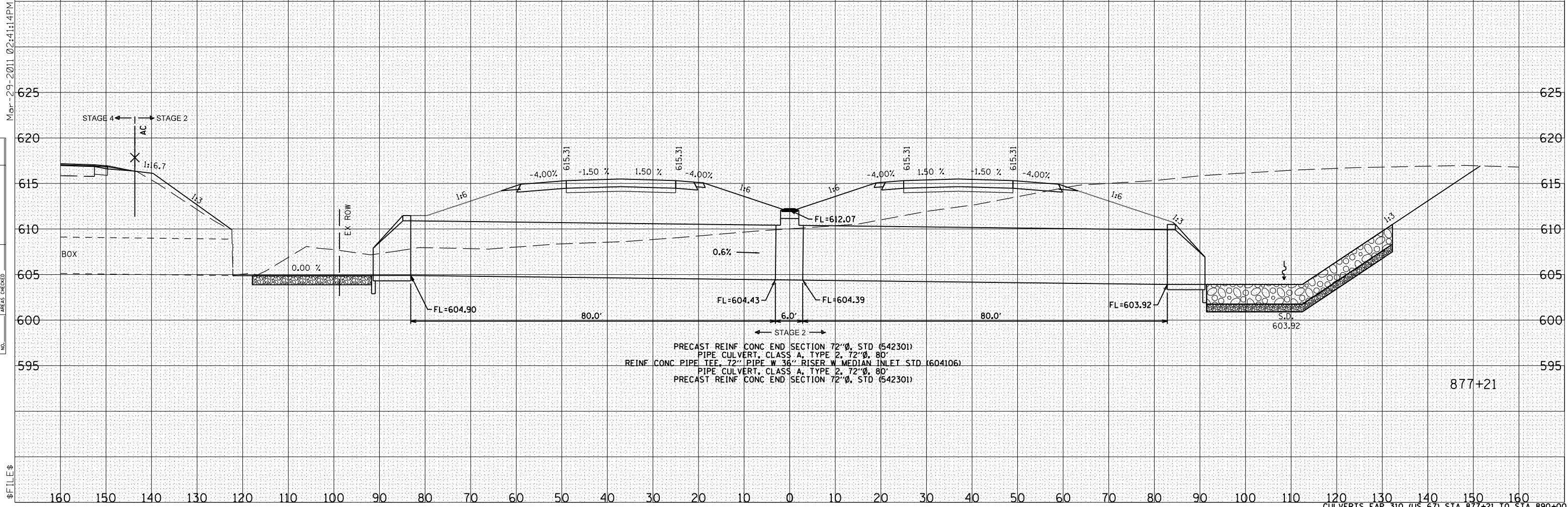
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ORIGINAL SURVEY	
SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



MANHOLE TYPE A, 5' Ø W MEDIAN INLET STD (604106) FLAT SLAB TOP
 PIPE CULVERT, CLASS A, TYPE 2, 24" Ø, 80'
 PRECAST REINF CONC END SECTION 24" Ø, STD (542301)

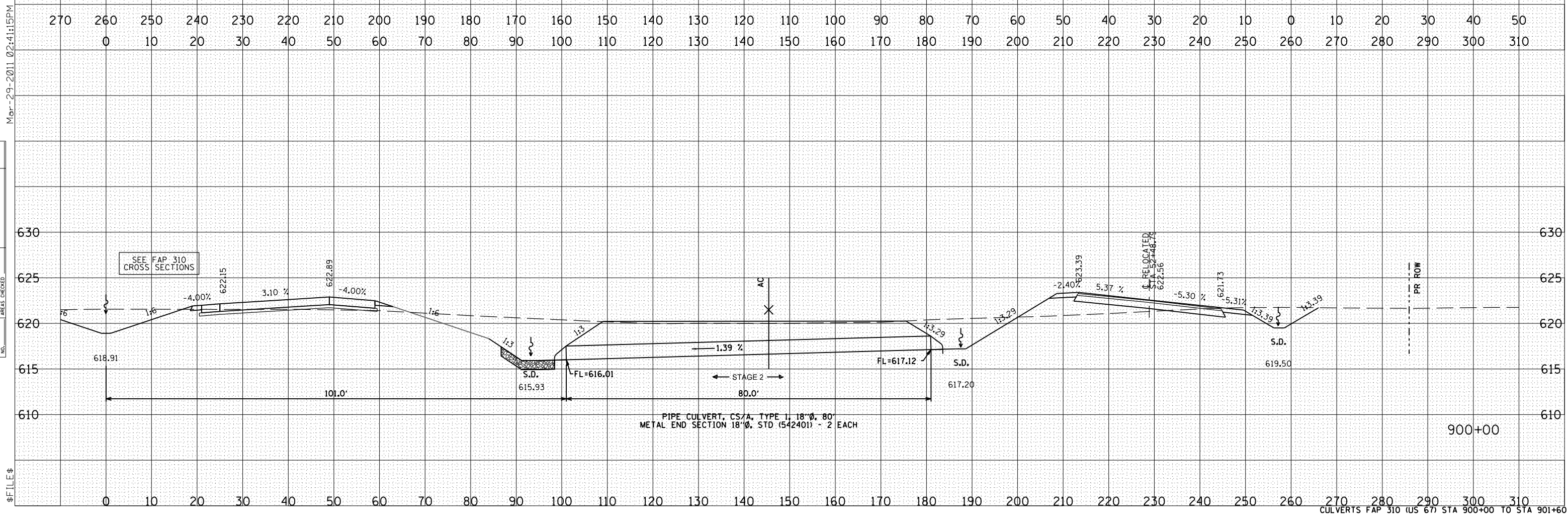
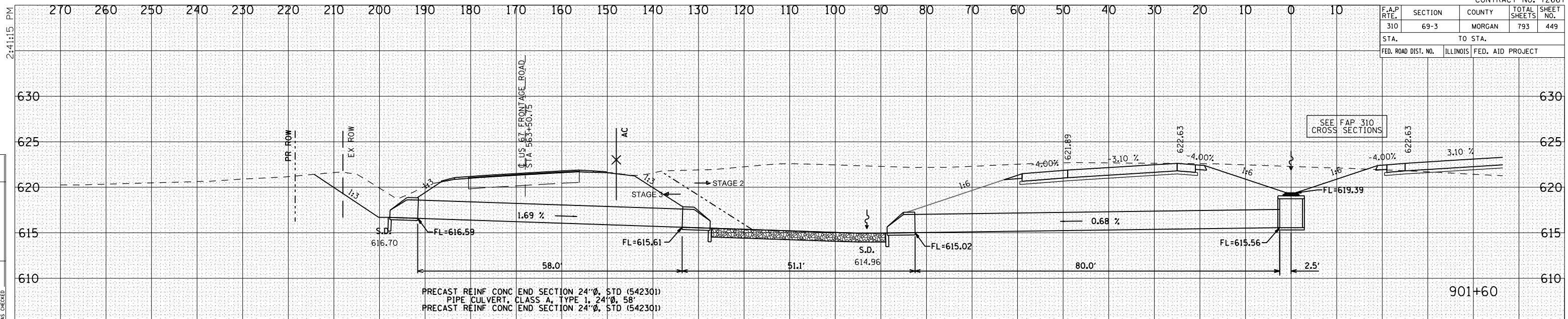
890+00



PRECAST REINF CONC END SECTION 72" Ø, STD (542301)
 PIPE CULVERT, CLASS A, TYPE 2, 72" Ø, 80'
 REINF CONC PIPE TEE, 72" PIPE W 36" RISER W MEDIAN INLET STD (604106)
 PIPE CULVERT, CLASS A, TYPE 2, 72" Ø, 80'
 PRECAST REINF CONC END SECTION 72" Ø, STD (542301)

877+21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	449
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

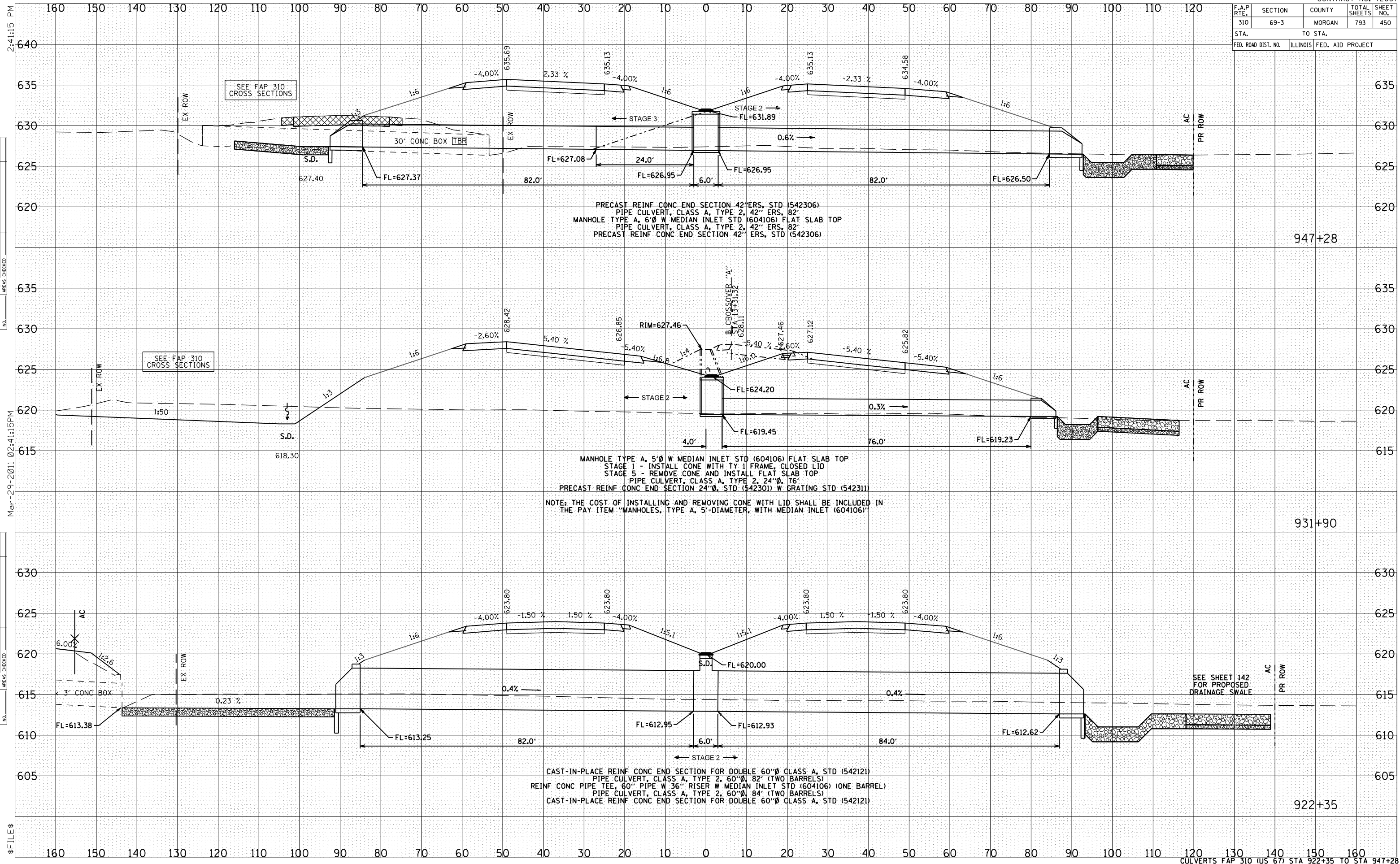


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SURVEYED	
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INSTRUMENT	
NO. OF SHEETS	
DATE	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
INSTRUMENT	
NO. OF SHEETS	
DATE	
NO.	

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	450
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PRECAST REINF CONC END SECTION 42" ERS, STD (542306)
 PIPE CULVERT, CLASS A, TYPE 2, 42" ERS, 82"
 MANHOLE TYPE A, 6' Ø W MEDIAN INLET STD (604106) FLAT SLAB TOP
 PIPE CULVERT, CLASS A, TYPE 2, 42" ERS, 82"
 PRECAST REINF CONC END SECTION 42" ERS, STD (542306)

MANHOLE TYPE A, 5' Ø W MEDIAN INLET STD (604106) FLAT SLAB TOP
 STAGE 1 - INSTALL CONE WITH TY 1 FRAME, CLOSED LID
 STAGE 5 - REMOVE CONE AND INSTALL FLAT SLAB TOP
 PIPE CULVERT, CLASS A, TYPE 2, 24" Ø, 76"
 PRECAST REINF CONC END SECTION 24" Ø, STD (542301) W GRATING STD (542311)
 NOTE: THE COST OF INSTALLING AND REMOVING CONE WITH LID SHALL BE INCLUDED IN THE PAY ITEM "MANHOLES, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604106)"

CAST-IN-PLACE REINF CONC END SECTION FOR DOUBLE 60" Ø CLASS A, STD (542121)
 PIPE CULVERT, CLASS A, TYPE 2, 60" Ø, 82" (TWO BARRELS)
 REINF CONC PIPE TEE, 60" PIPE W 36" RISER W MEDIAN INLET STD (604106) (ONE BARREL)
 PIPE CULVERT, CLASS A, TYPE 2, 60" Ø, 84" (TWO BARRELS)
 CAST-IN-PLACE REINF CONC END SECTION FOR DOUBLE 60" Ø CLASS A, STD (542121)

BY	DATE

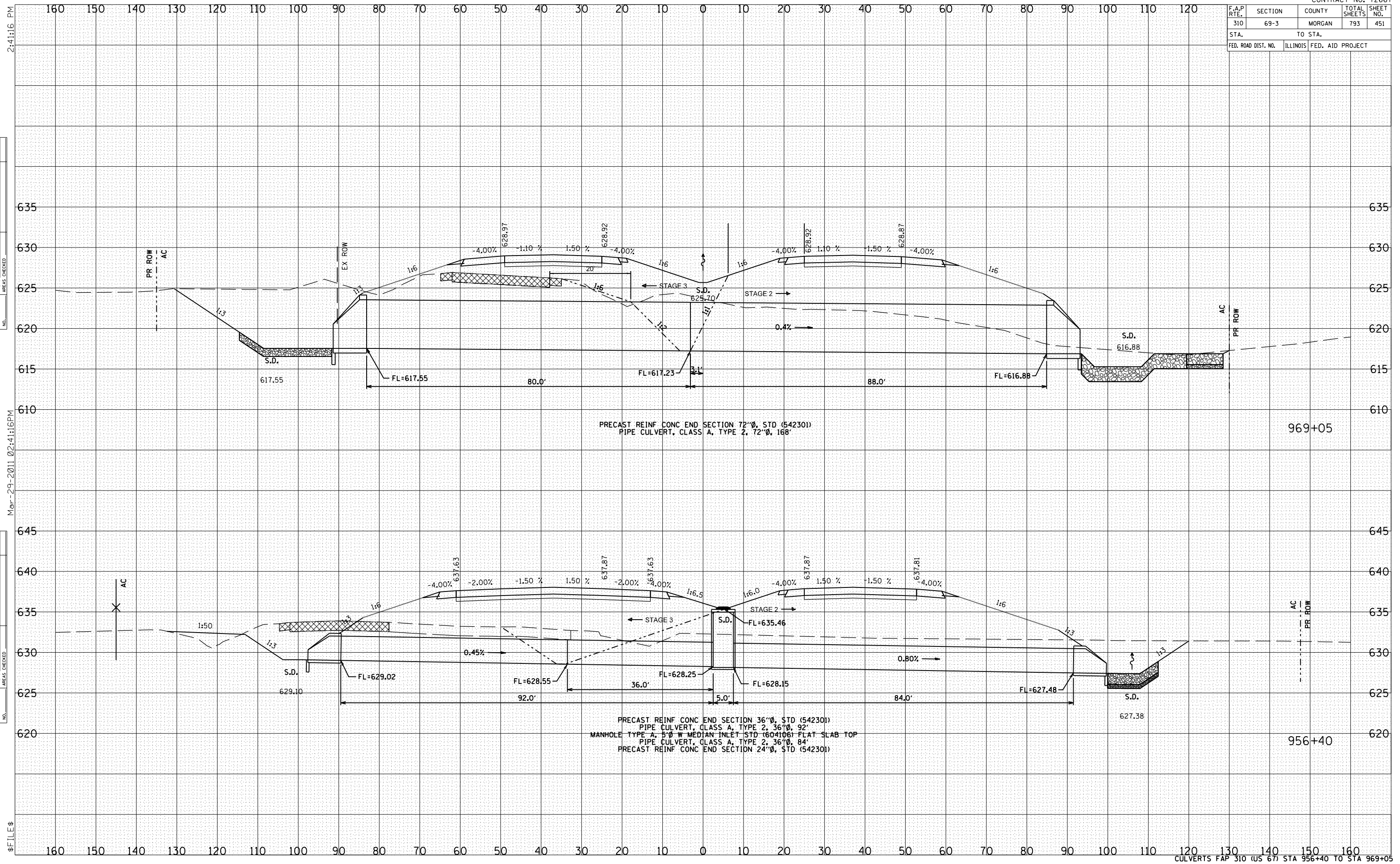
BY	DATE

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	451
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

BY	DATE



PRECAST REINF CONC END SECTION 72"Ø, STD (542301)
 PIPE CULVERT, CLASS A, TYPE 2, 72"Ø, 168'

969+05

PRECAST REINF CONC END SECTION 36"Ø, STD (542301)
 PIPE CULVERT, CLASS A, TYPE 2, 36"Ø, 92'
 MANHOLE TYPE A, 5'Ø W MEDIAN INLET STD (604106) FLAT SLAB TOP
 PIPE CULVERT, CLASS A, TYPE 2, 36"Ø, 84'
 PRECAST REINF CONC END SECTION 24"Ø, STD (542301)

956+40

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	452
STA. 976+00		TO STA. 976+40		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

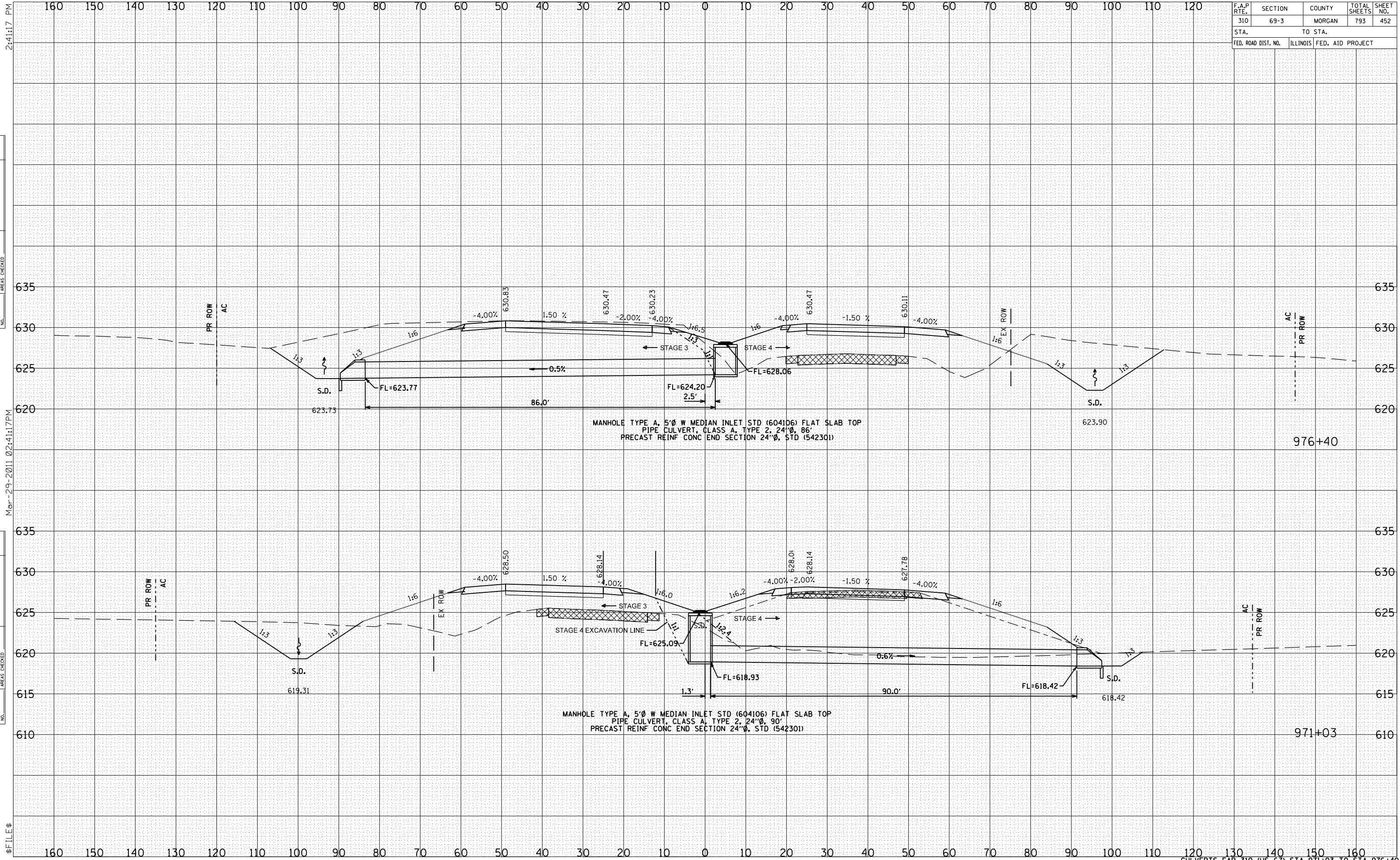
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BY	DATE

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BY	DATE

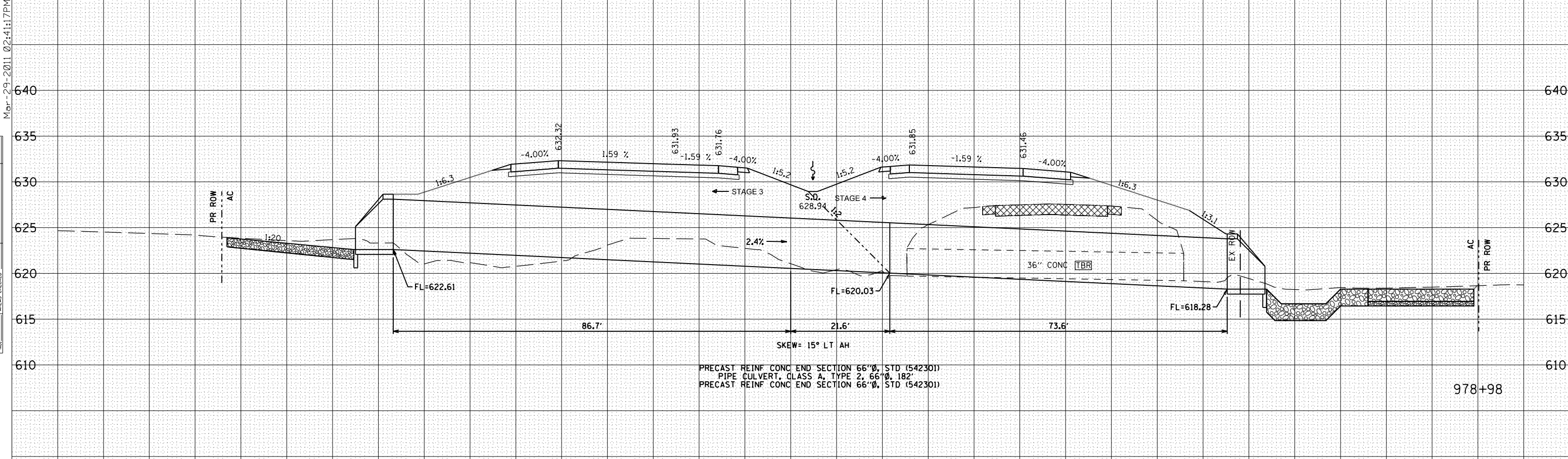
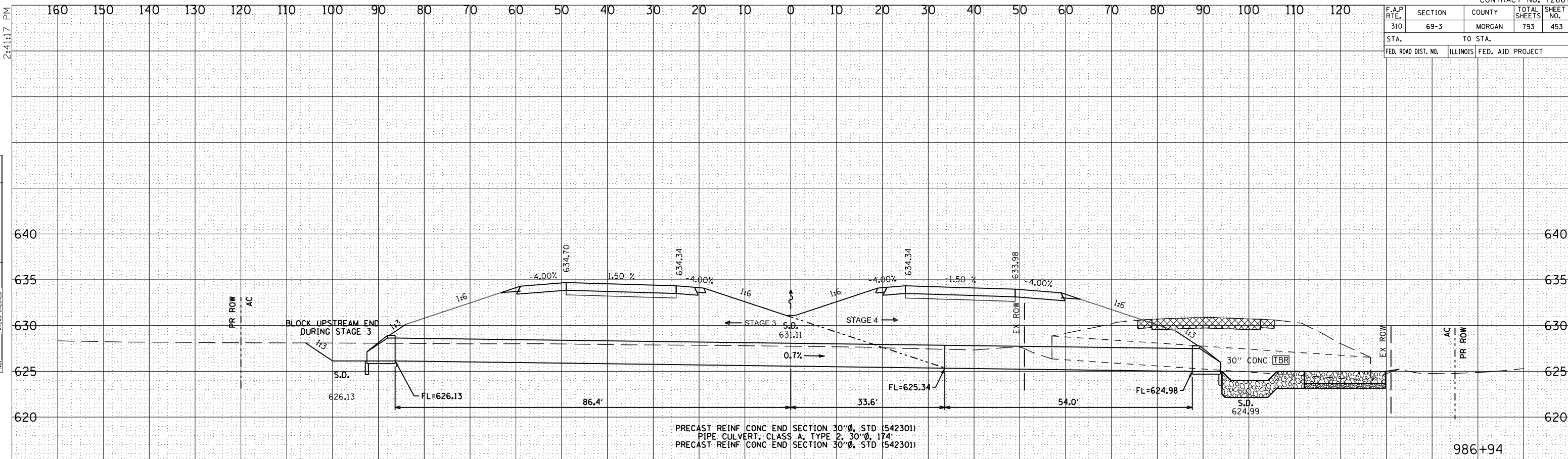
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	453
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE
FINL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK	
NO. OF SHEETS	
AREAS CHECKED	

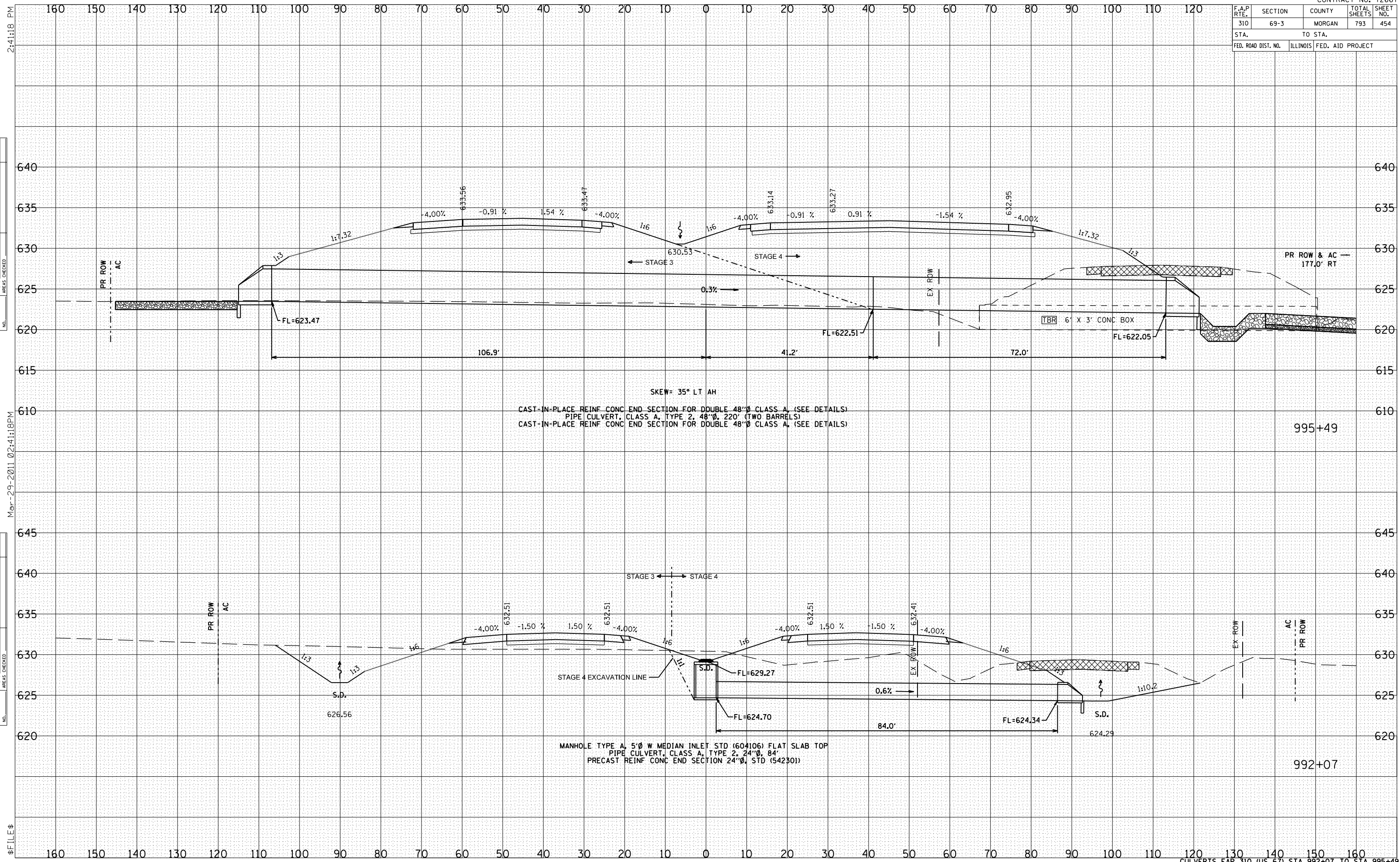
BY	DATE
ORIGINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
NO. OF SHEETS	
AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	454
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

BY	DATE

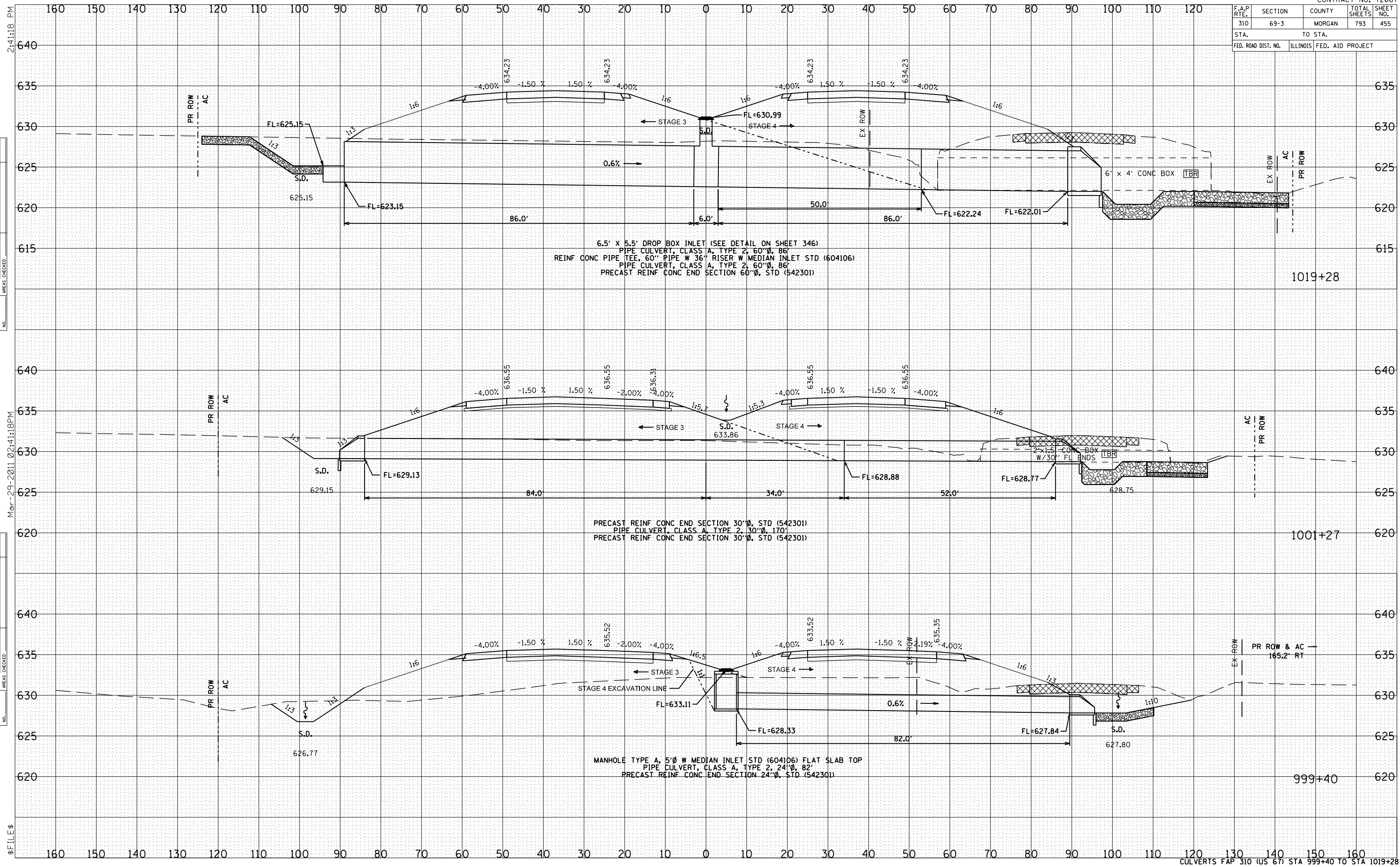


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	455
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

BY	DATE

BY	DATE

BY	DATE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	456
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

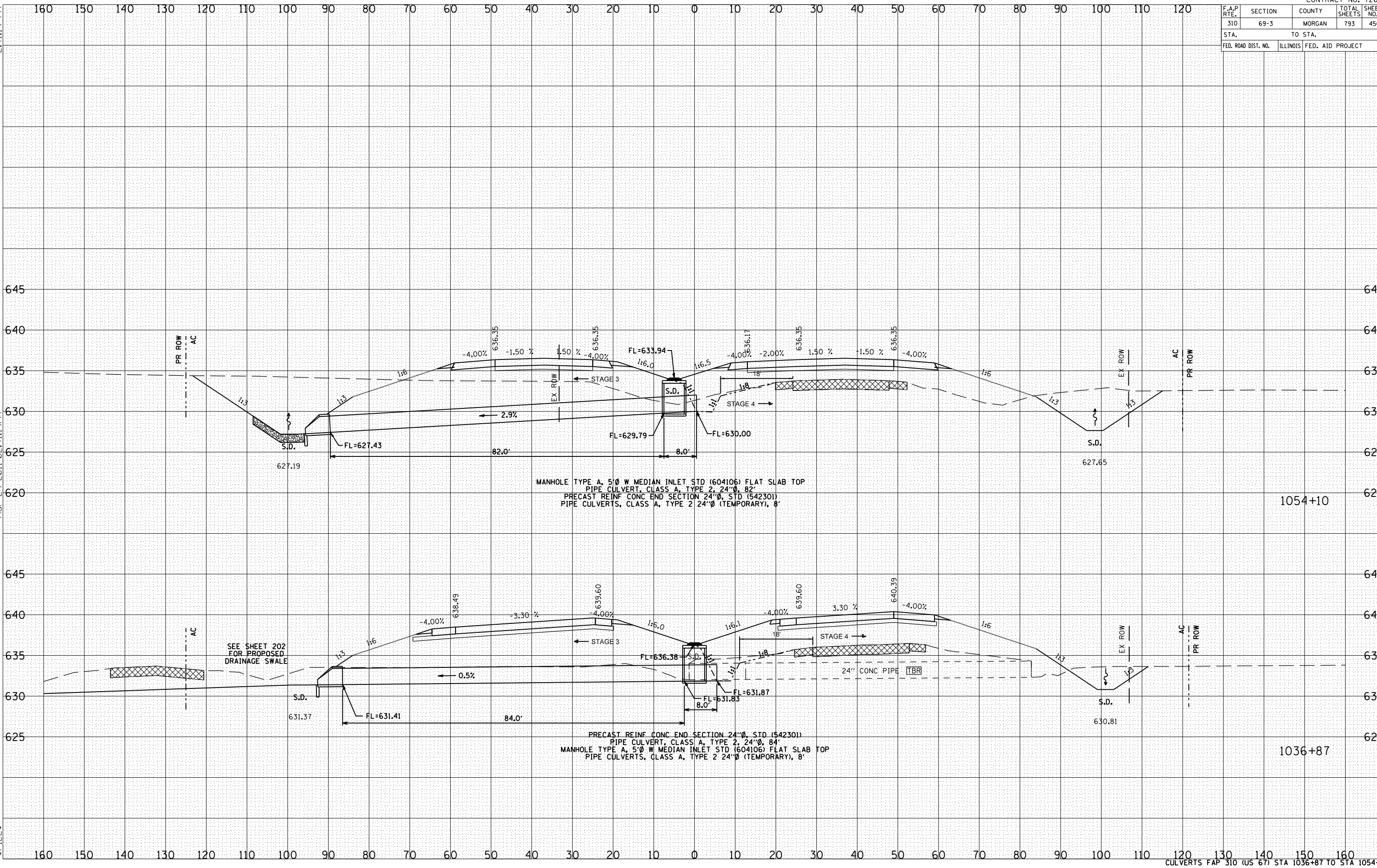
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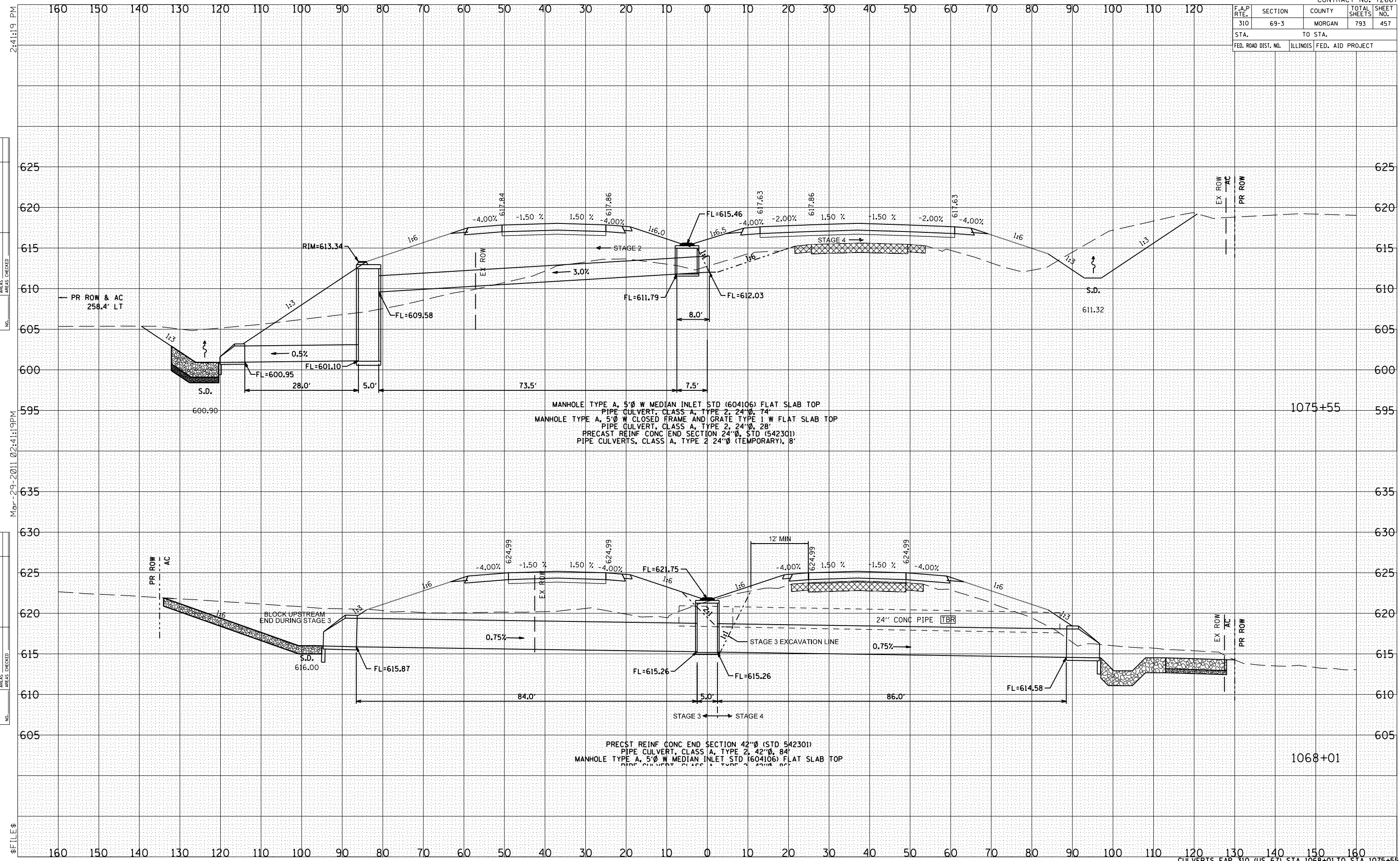
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DATE	BY

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	457
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



MANHOLE TYPE A, 5' Ø W MEDIAN INLET STD (604106) FLAT SLAB TOP
 PIPE CULVERT, CLASS A, TYPE 2, 24" Ø, 74'
 MANHOLE TYPE A, 5' Ø W CLOSED FRAME AND GRATE TYPE 1 W FLAT SLAB TOP
 PIPE CULVERT, CLASS A, TYPE 2, 24" Ø, 28'
 PRECAST REINF CONC END SECTION 24" Ø, STD (542301)
 PIPE CULVERTS, CLASS A, TYPE 2 24" Ø (TEMPORARY), 8'

PRECAST REINF CONC END SECTION 42" Ø (STD 542301)
 PIPE CULVERT, CLASS A, TYPE 2, 42" Ø, 84'
 MANHOLE TYPE A, 5' Ø W MEDIAN INLET STD (604106) FLAT SLAB TOP
 PIPE CULVERT, CLASS A, TYPE 2, 24" Ø, 84'

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BY	DATE

FINL SURVEY PLOTTED
 NOTE BOOK NO. _____
 AREAS CHECKED _____

Mar-29-2011 02:41:19 PM

BY	DATE

ORIGINAL SURVEY PLOTTED
 NOTE BOOK NO. _____
 AREAS CHECKED _____

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	458
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

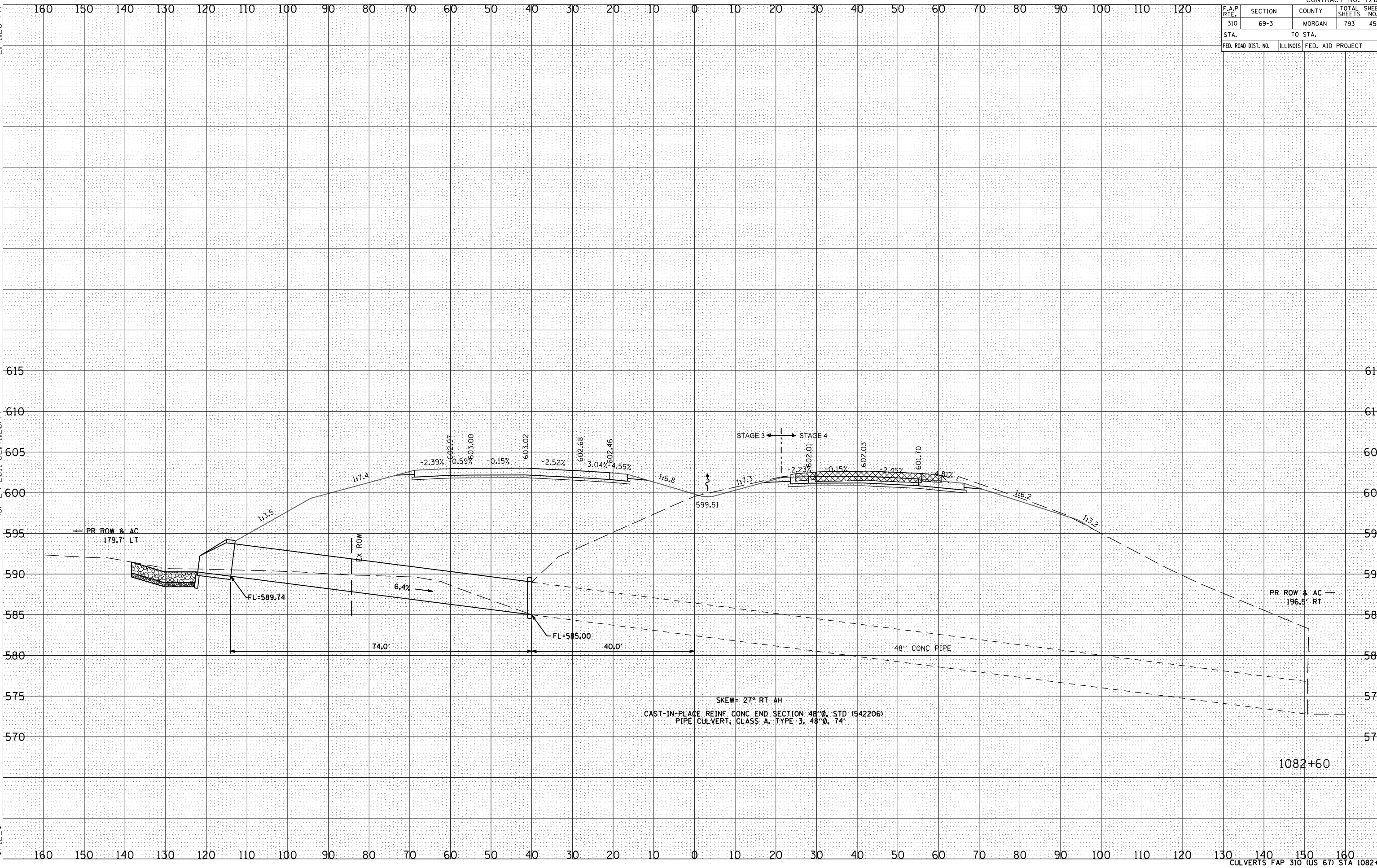
BY	DATE

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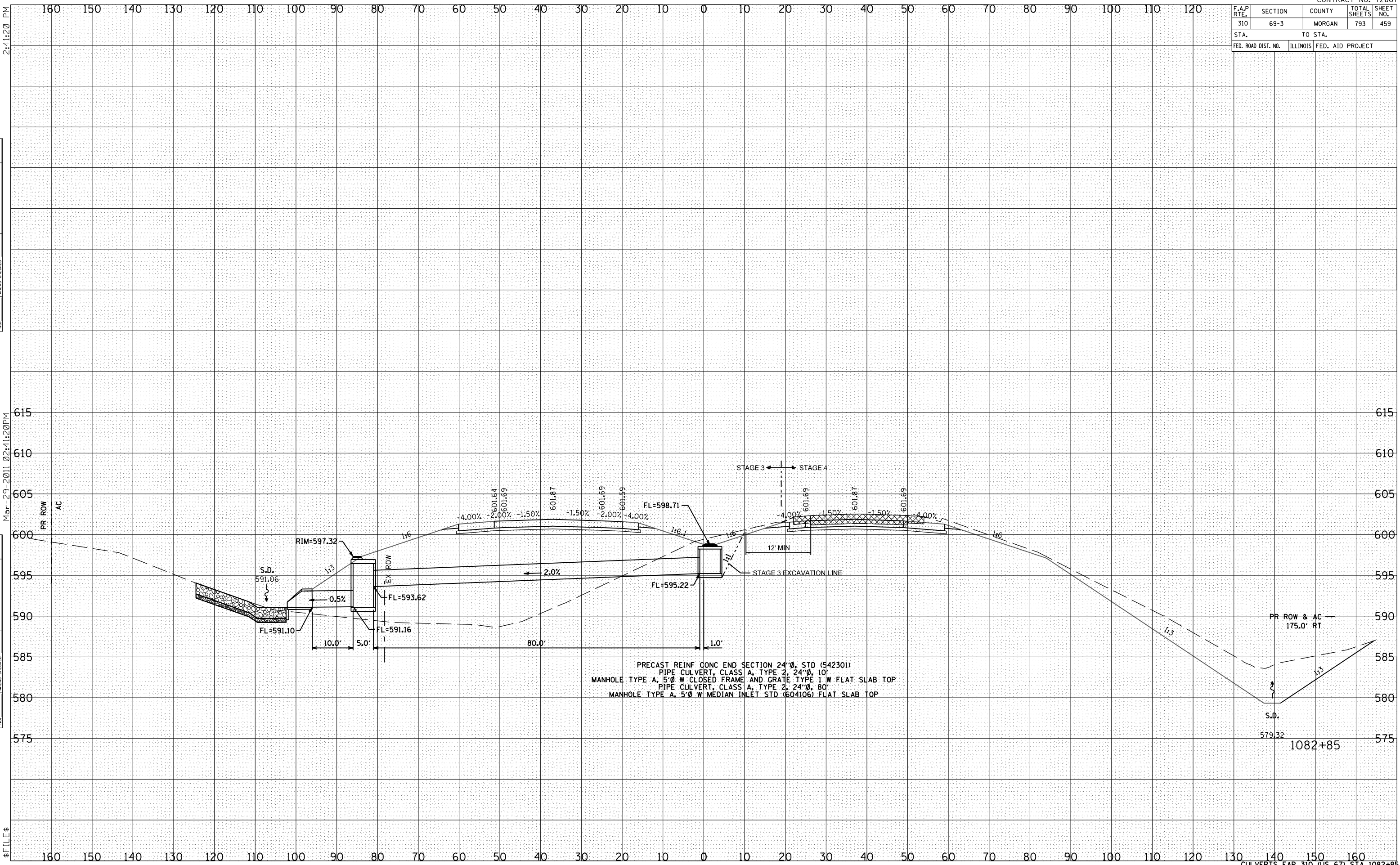
SKEW= 27° RT AH
 CAST-IN-PLACE REINF CONC END SECTION 48" Ø, STD (542206)
 PIPE CULVERT, CLASS A, TYPE 3, 48" Ø, 74'

1082+60

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	459
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

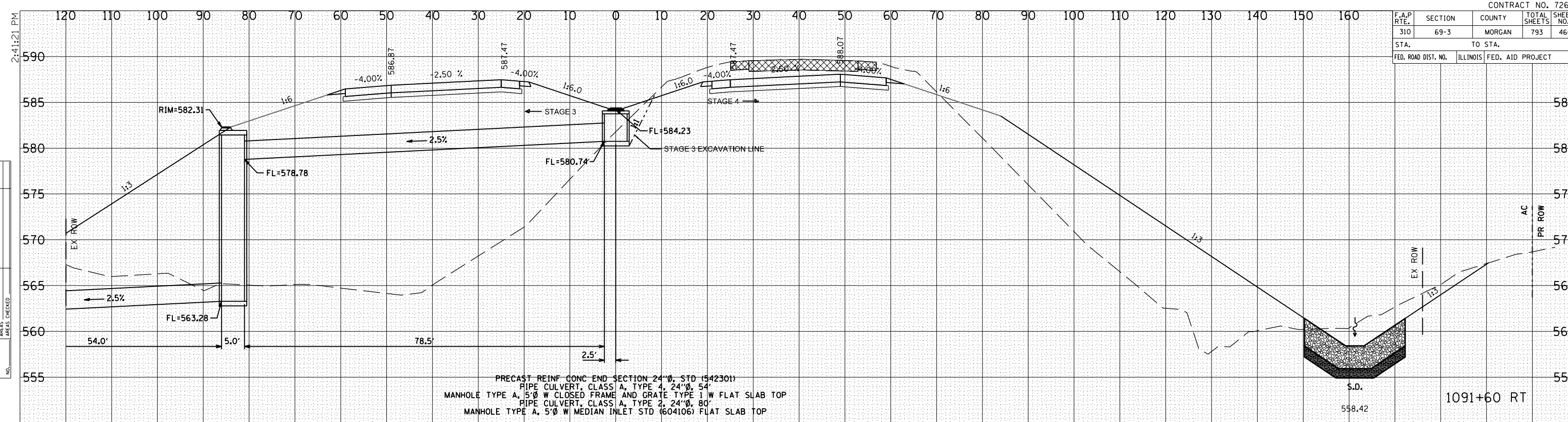
BY	DATE

DATE	BY

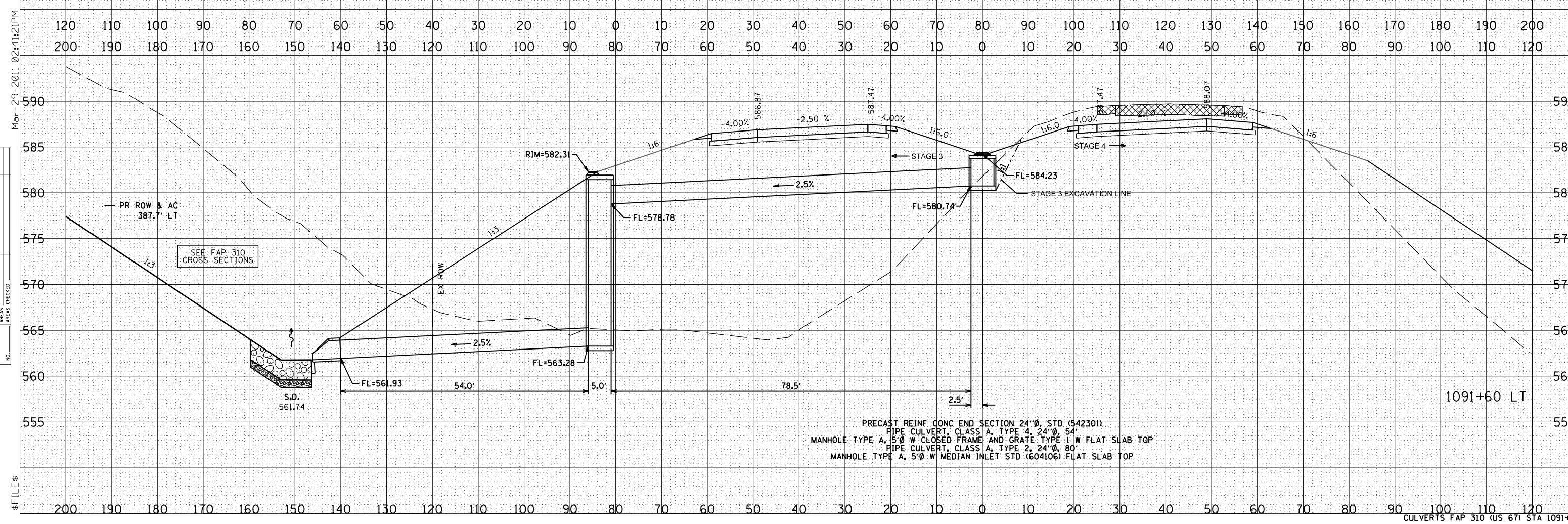


PRECAST REINF CONC END SECTION 24"Ø, STD (542301)
 PIPE CULVERT, CLASS A, TYPE 2, 24"Ø, 10'
 MANHOLE TYPE A, 5'Ø W CLOSED FRAME AND GRATE TYPE 1 W FLAT SLAB TOP
 PIPE CULVERT, CLASS A, TYPE 2, 24"Ø, 80'
 MANHOLE TYPE A, 5'Ø W MEDIAN INLET STD (604106) FLAT SLAB TOP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	460
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID	PROJECT	



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

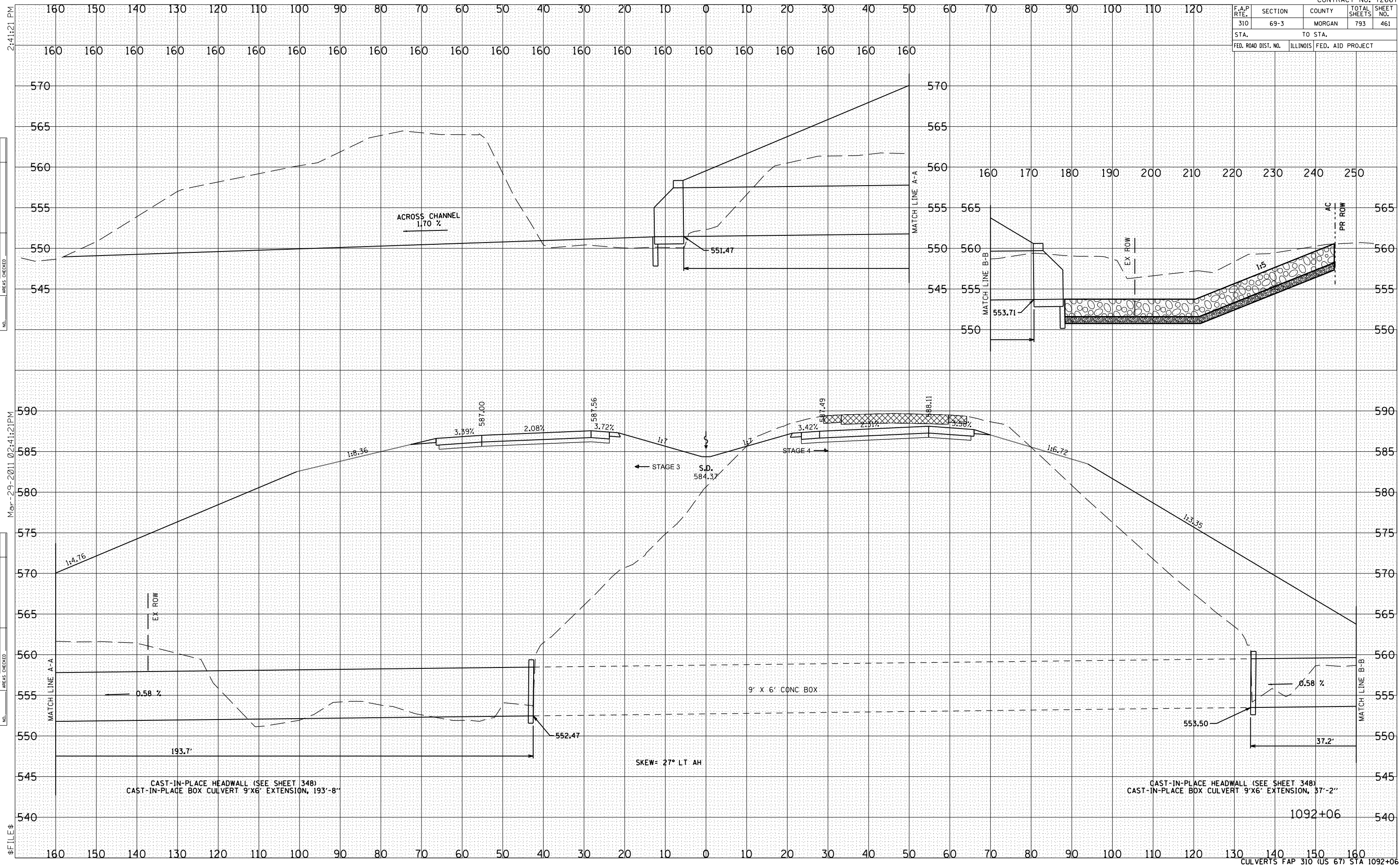


BY: _____ DATE: _____
ORIGINAL SURVEY NO.: _____
DATE: _____
SURVEYED _____
PLOTTED _____
NOTE BOOK NO. _____
DATE: _____
CHECKED _____
AREAS CHECKED _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	461
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

BY	DATE

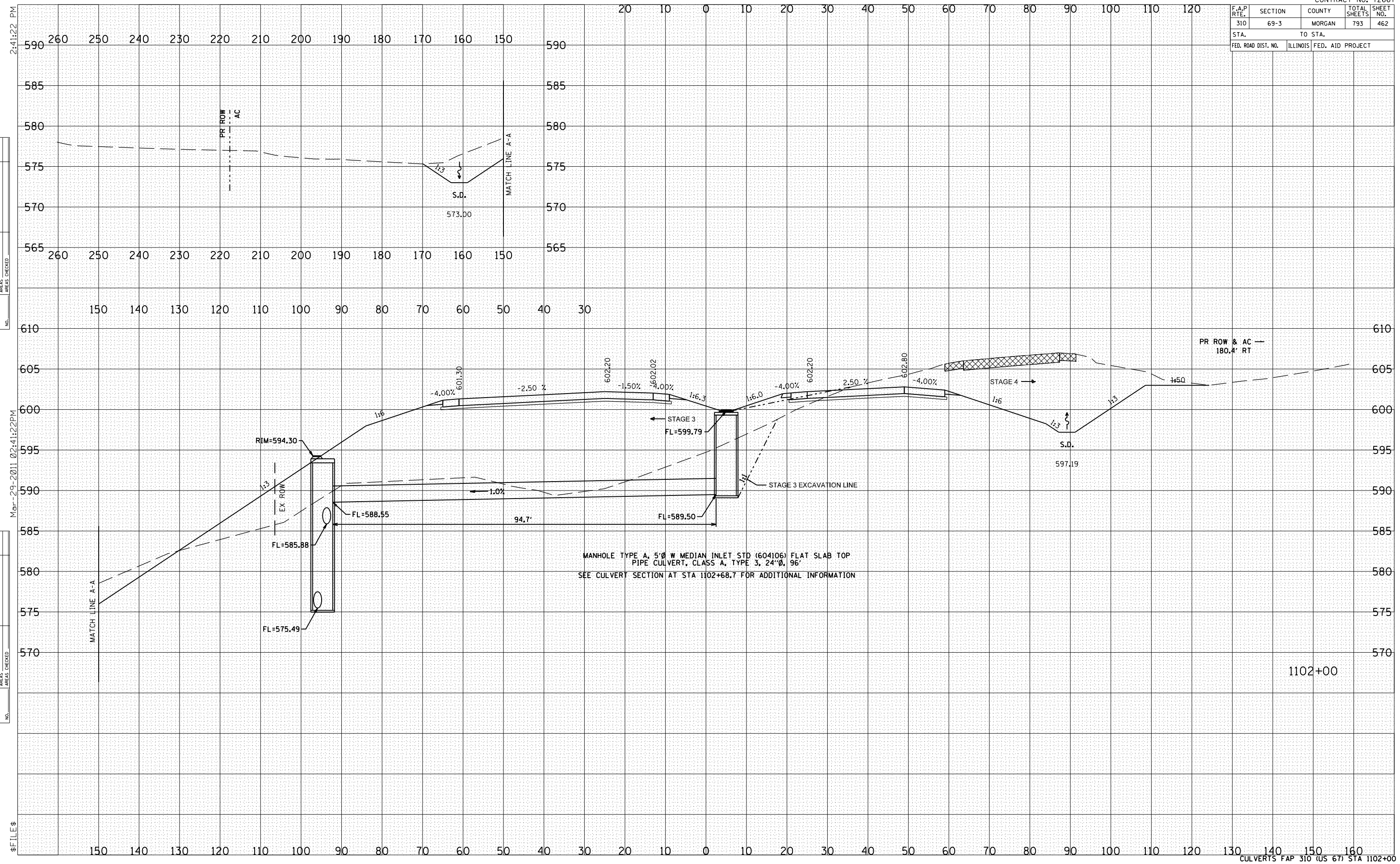


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	462
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

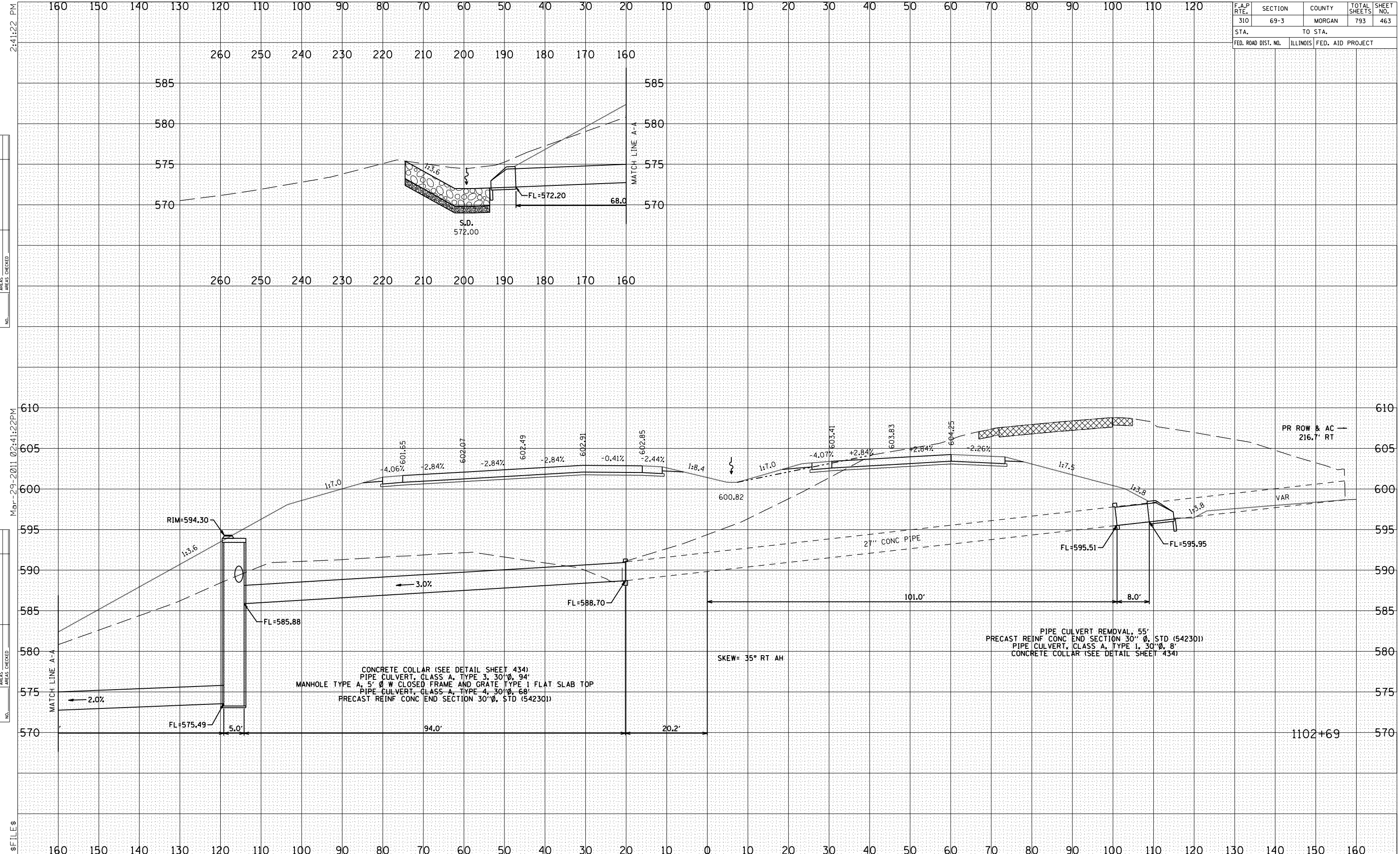
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BY	DATE



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	463
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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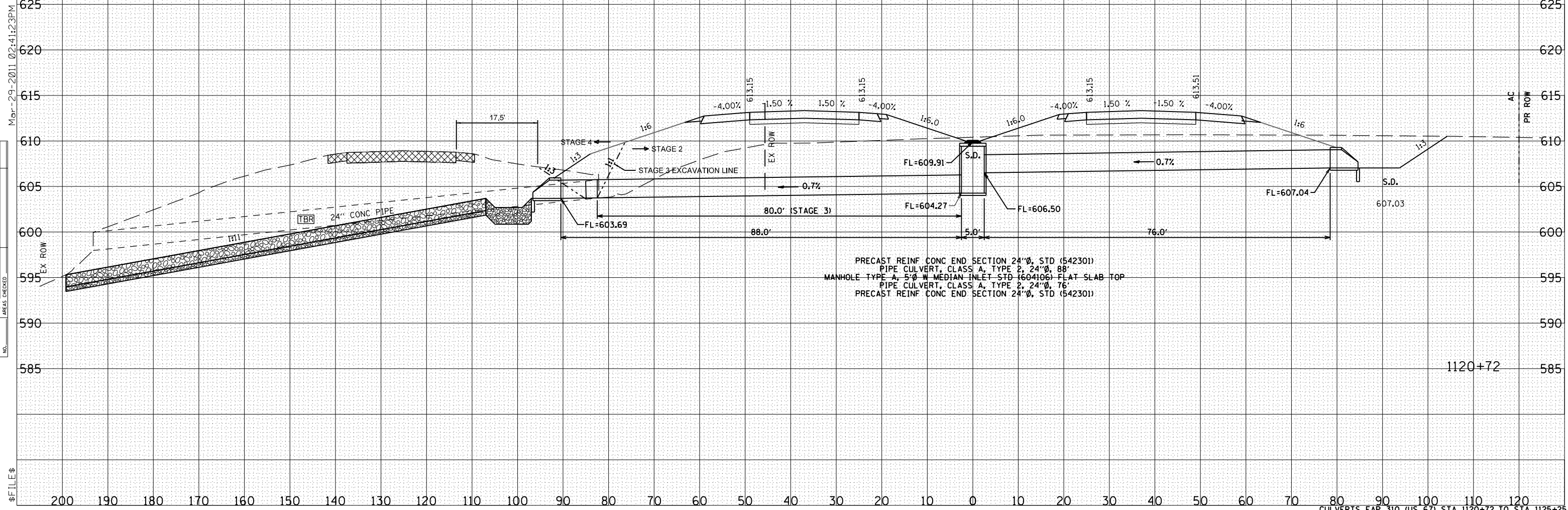
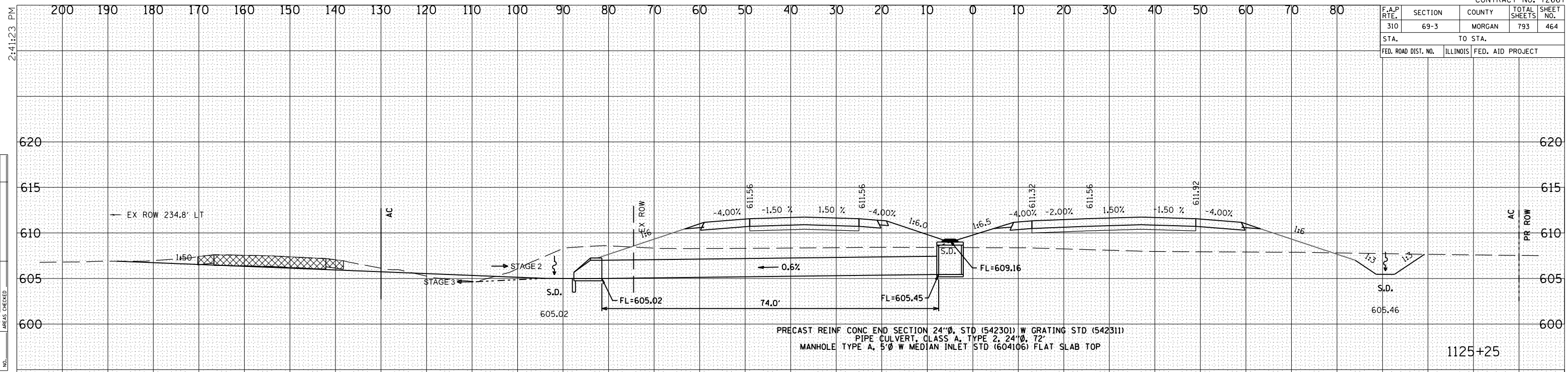
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 DATE: _____
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 PLOTTED: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____

CONCRETE COLLAR (SEE DETAIL SHEET 434)
 PIPE CULVERT, CLASS A, TYPE 3, 30" Ø, 94'
 MANHOLE TYPE A, 5' Ø W CLOSED FRAME AND GRATE TYPE 1 FLAT SLAB TOP
 PIPE CULVERT, CLASS A, TYPE 4, 30" Ø, 68'
 PRECAST REINF CONC END SECTION 30" Ø, STD (542301)

PIPE CULVERT REMOVAL, 55'
 PRECAST REINF CONC END SECTION 30" Ø, STD (542301)
 PIPE CULVERT, CLASS A, TYPE 1, 30" Ø, 8'
 CONCRETE COLLAR (SEE DETAIL SHEET 434)

1102+69

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	464
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

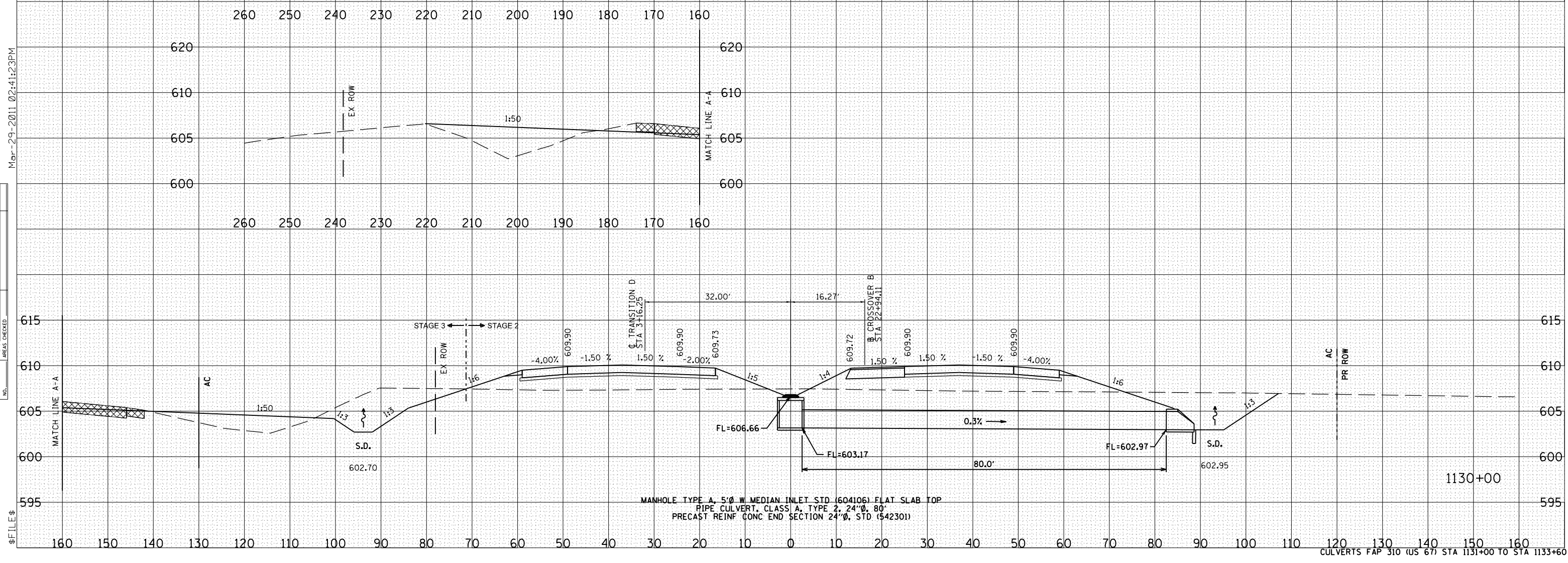
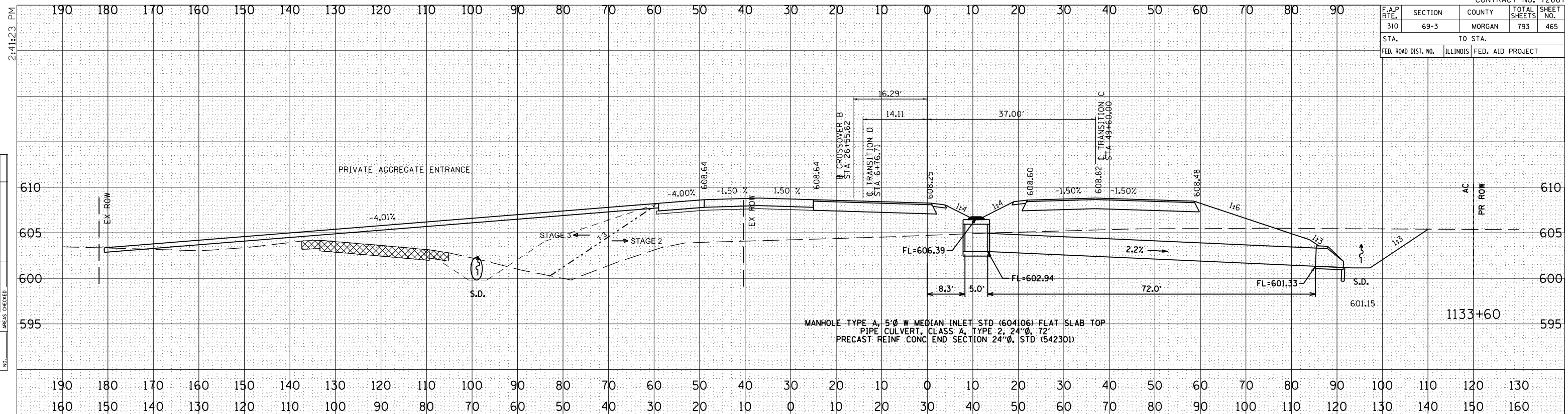


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	465
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

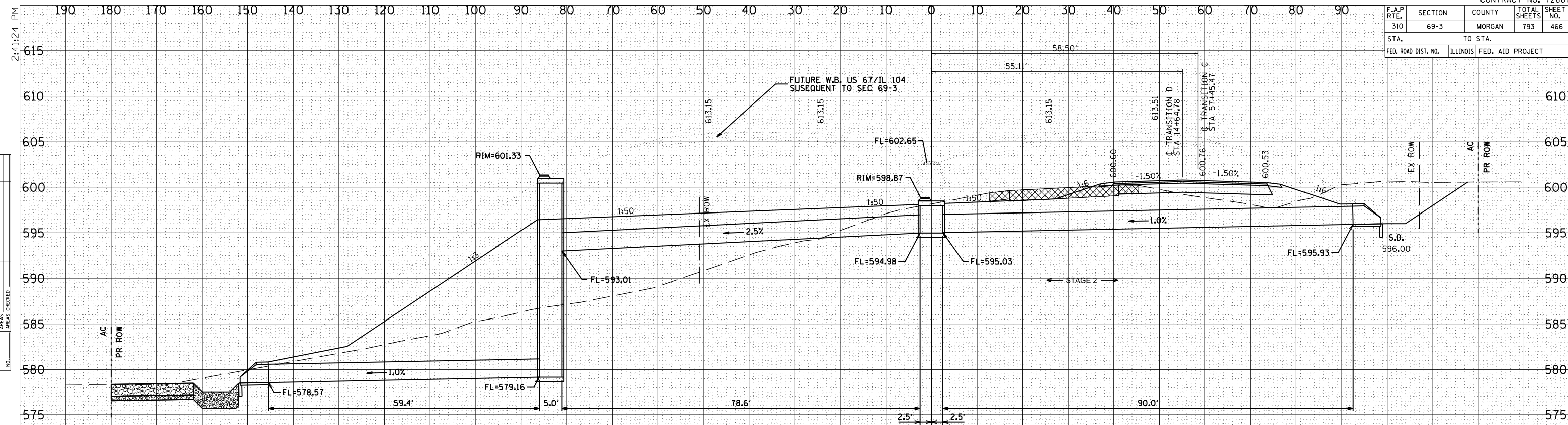


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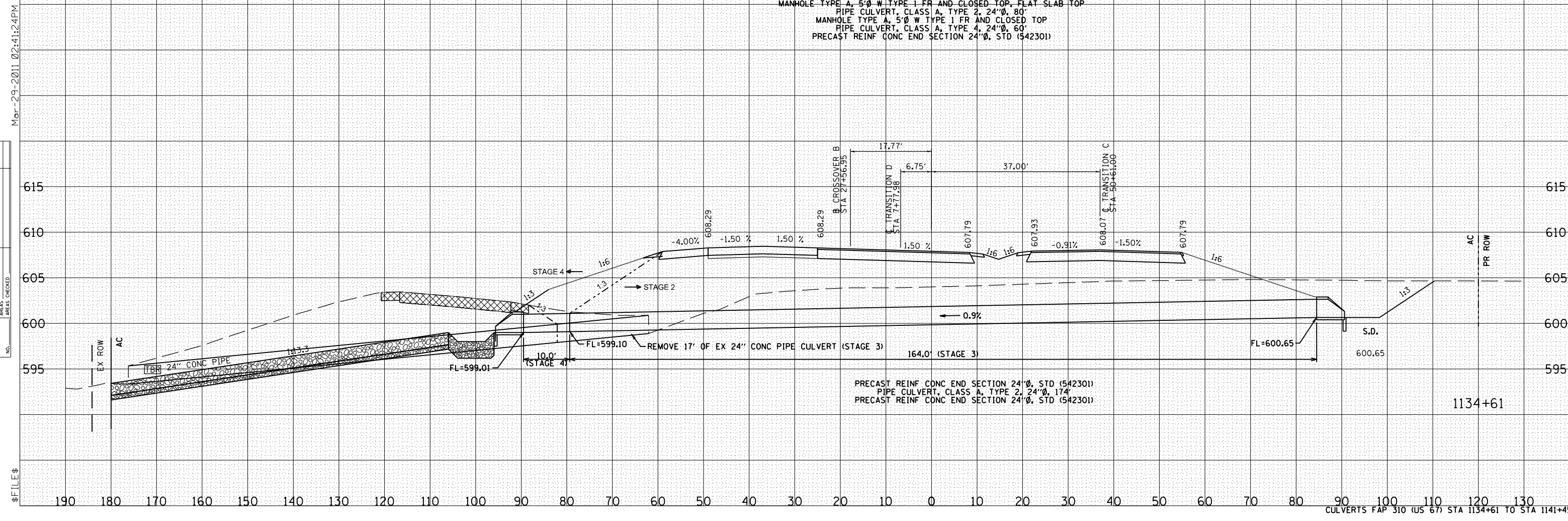
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	466
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



1141+45

PRECAST REINF CONC END SECTION 24"Ø, STD (542301)
 PIPE CULVERT, CLASS A, TYPE 1, 24"Ø, 90"
 MANHOLE TYPE A, 5'Ø W TYPE 1 FR AND CLOSED TOP, FLAT SLAB TOP
 PIPE CULVERT, CLASS A, TYPE 2, 24"Ø, 80"
 MANHOLE TYPE A, 5'Ø W TYPE 1 FR AND CLOSED TOP
 PIPE CULVERT, CLASS A, TYPE 4, 24"Ø, 60"
 PRECAST REINF CONC END SECTION 24"Ø, STD (542301)



1134+61

PRECAST REINF CONC END SECTION 24"Ø, STD (542301)
 PIPE CULVERT, CLASS A, TYPE 2, 24"Ø, 174'
 PRECAST REINF CONC END SECTION 24"Ø, STD (542301)

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FINAL SURVEY SURVEYED PLOTTED NOTE BOOK AREAS CHECKED

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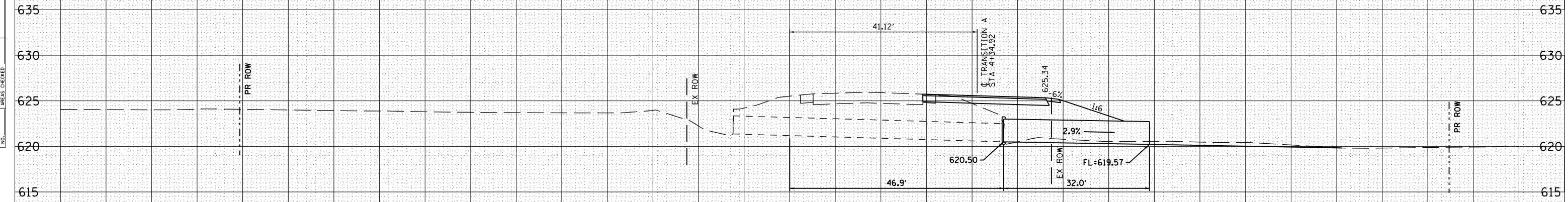
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	467
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

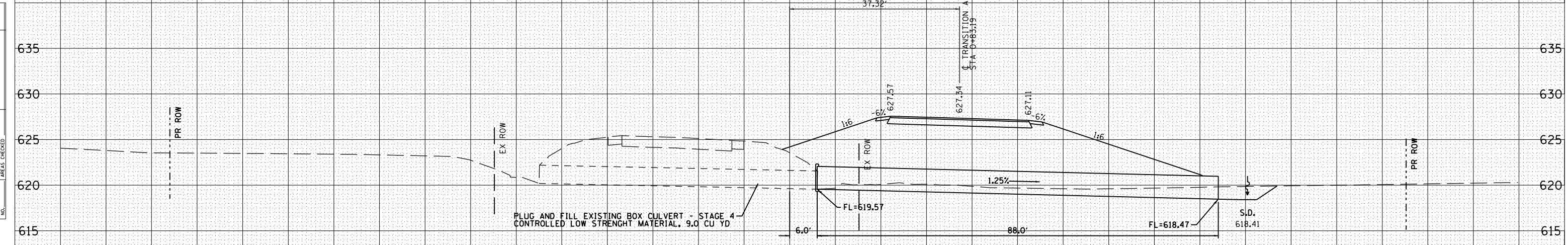
9:49:18 AM 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120



CONCRETE COLLAR (SEE DETAIL SHEET . OF .)
PIPE CULVERT, CLASS D, TYPE 2 (TEMPORARY) 30"Ø, 32'

974+66.0 SKEW = 6° LT AH

Mar-30-2011 09:49:18AM



PLUG AND FILL EXISTING BOX CULVERT - STAGE 4
CONTROLLED LOW STRENGTH MATERIAL, 9.0 CU YD

CONCRETE COLLAR (SEE DETAIL SHEET . OF .)
PIPE CULVERT, CLASS D, TYPE 2 (TEMPORARY) 30"Ø, 88'
REMOVE STAGE 4

971+13.4 SKEW = 7° LT AH

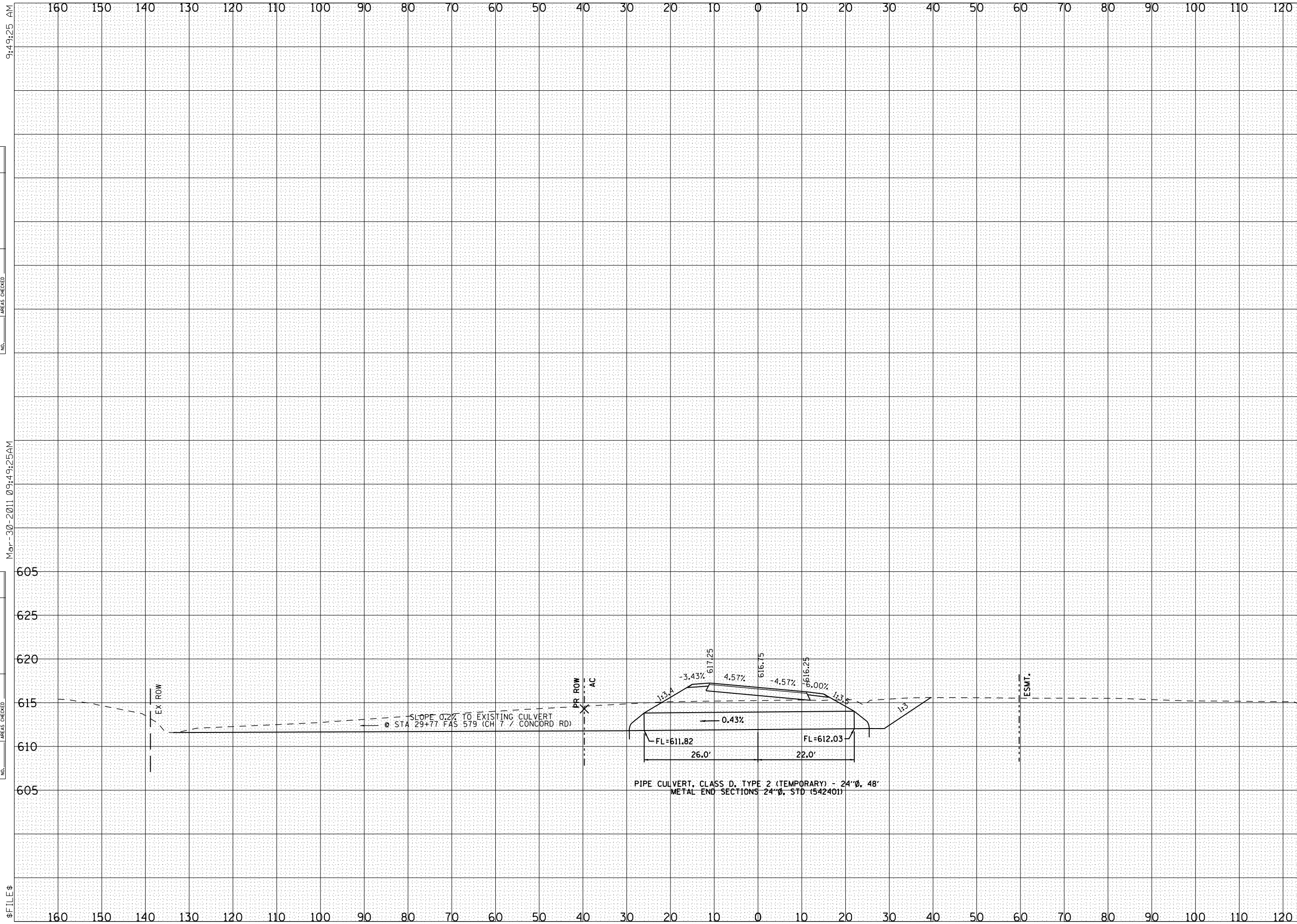
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ORIGINAL SURVEY	
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NOTE BOOK	
AREAS CHECKED	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	468

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



BY	DATE

FINAL SURVEY	SURVEYED
NOTE BOOK NO.	
DATE	
APPROPRIATE AREAS CHECKED	

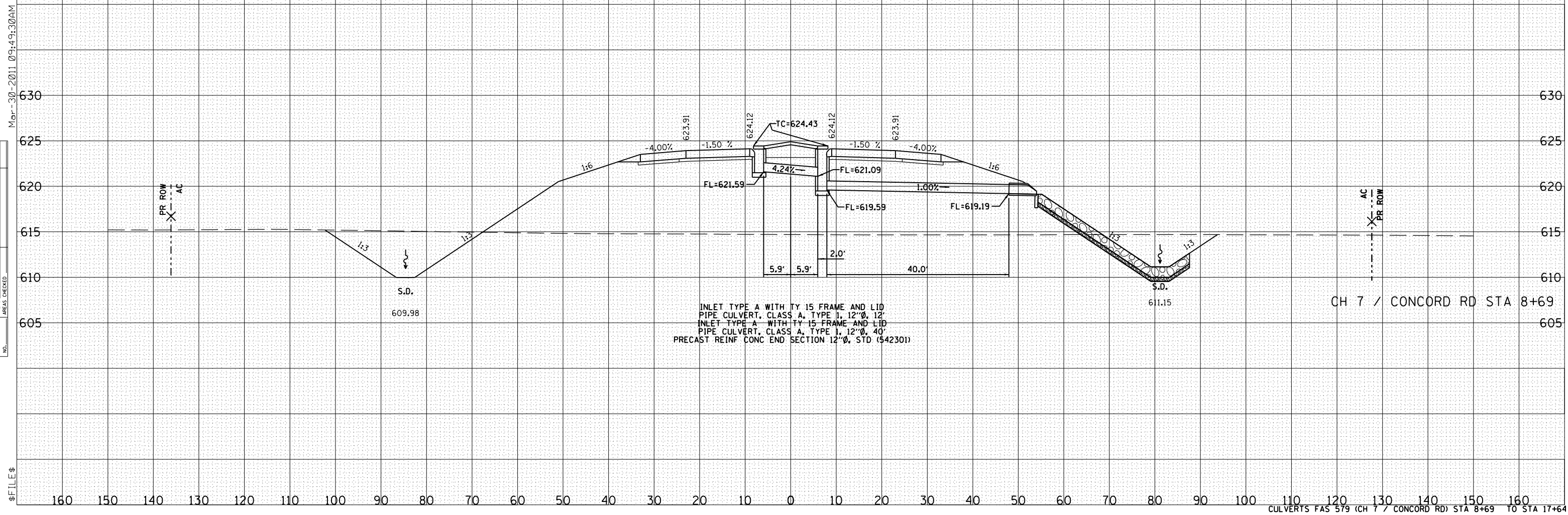
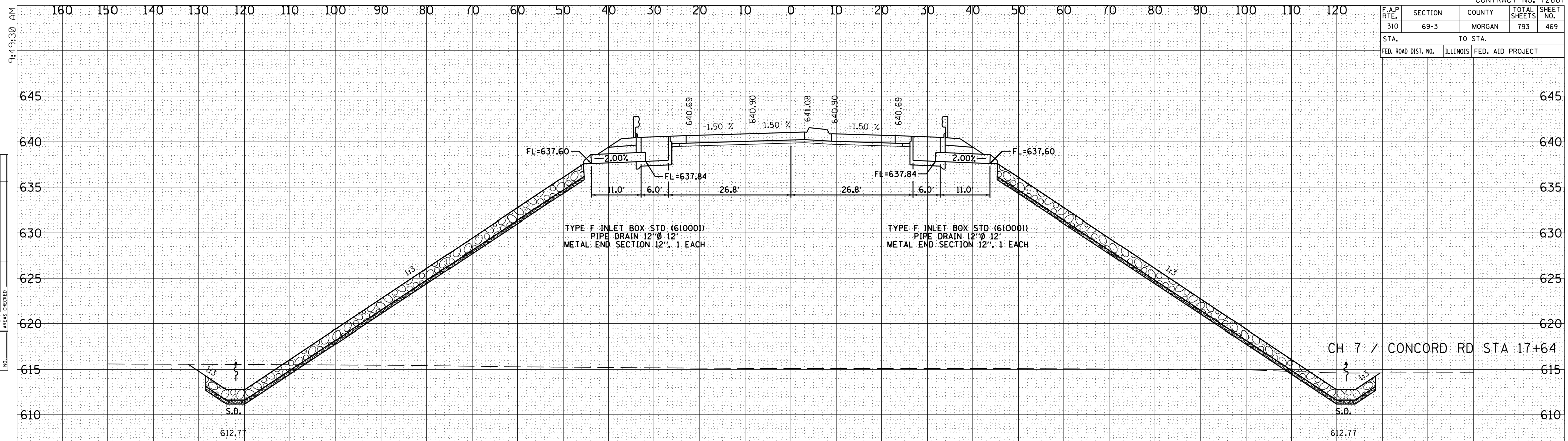
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NOTE BOOK NO.	
DATE	
APPROPRIATE AREAS CHECKED	

PIPE CULVERT, CLASS D, TYPE 2 (TEMPORARY) - 24"Ø, 48'
METAL END SECTIONS 24"Ø, STD (542401)

7+75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	469
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

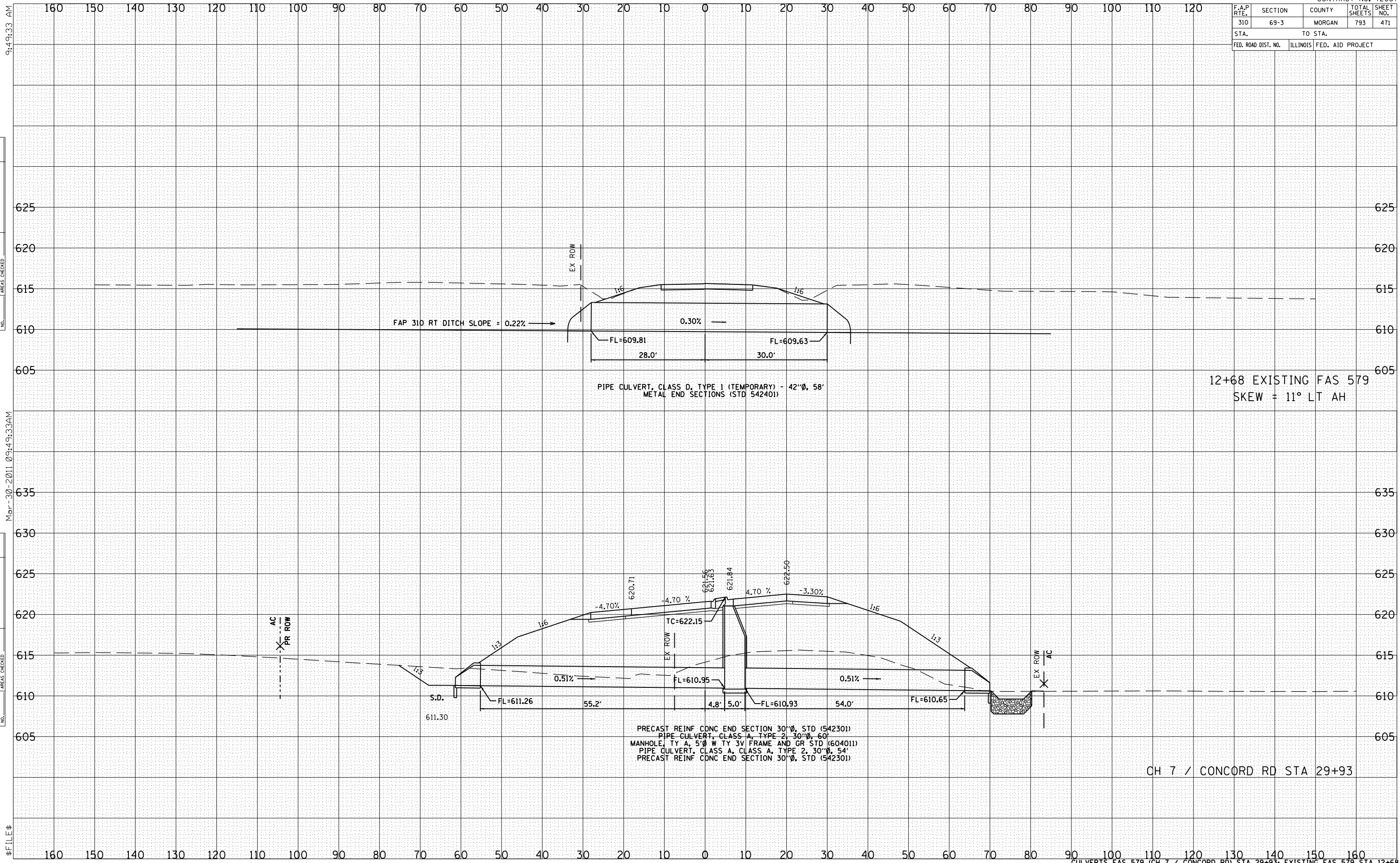


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	471
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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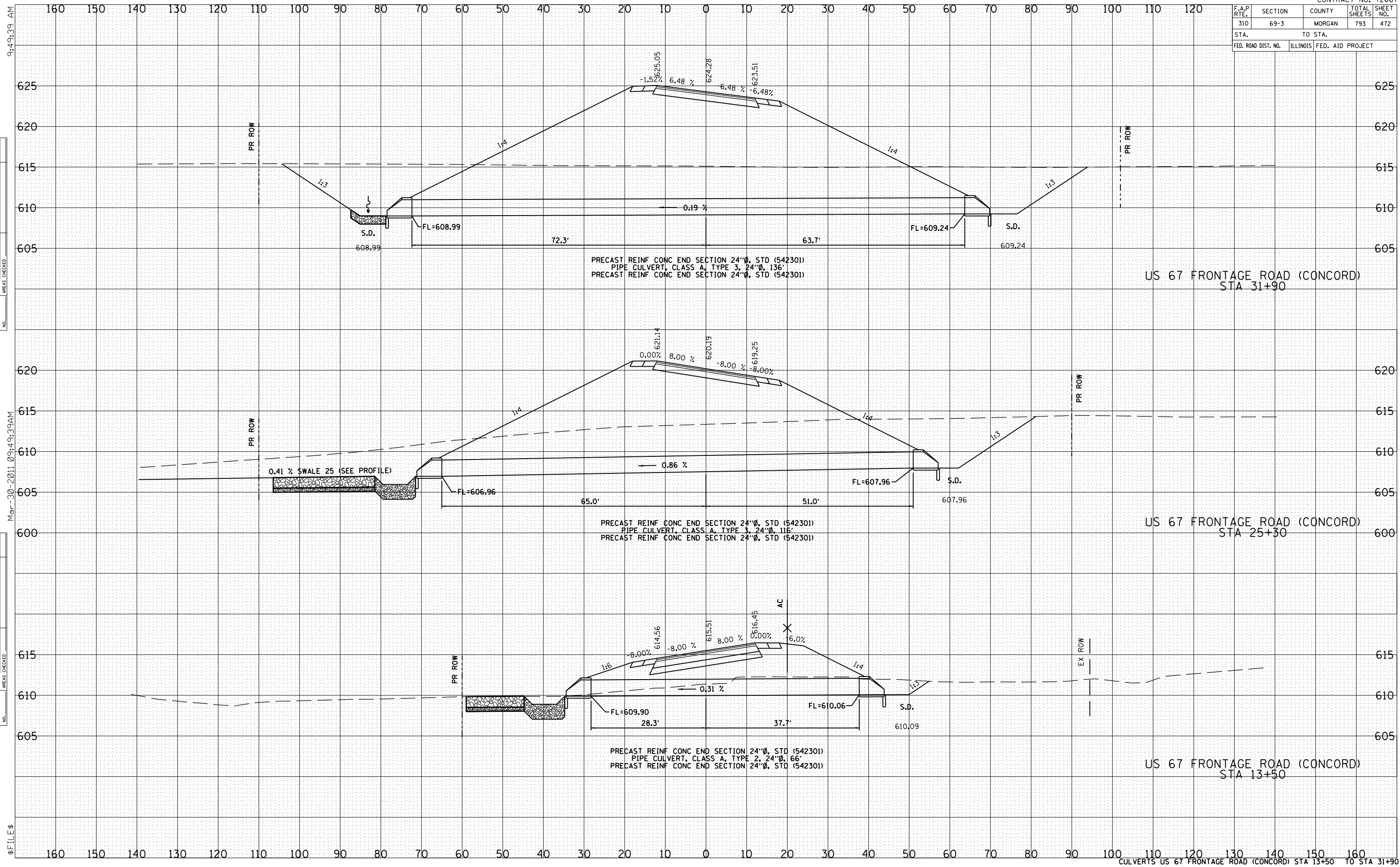
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	472
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

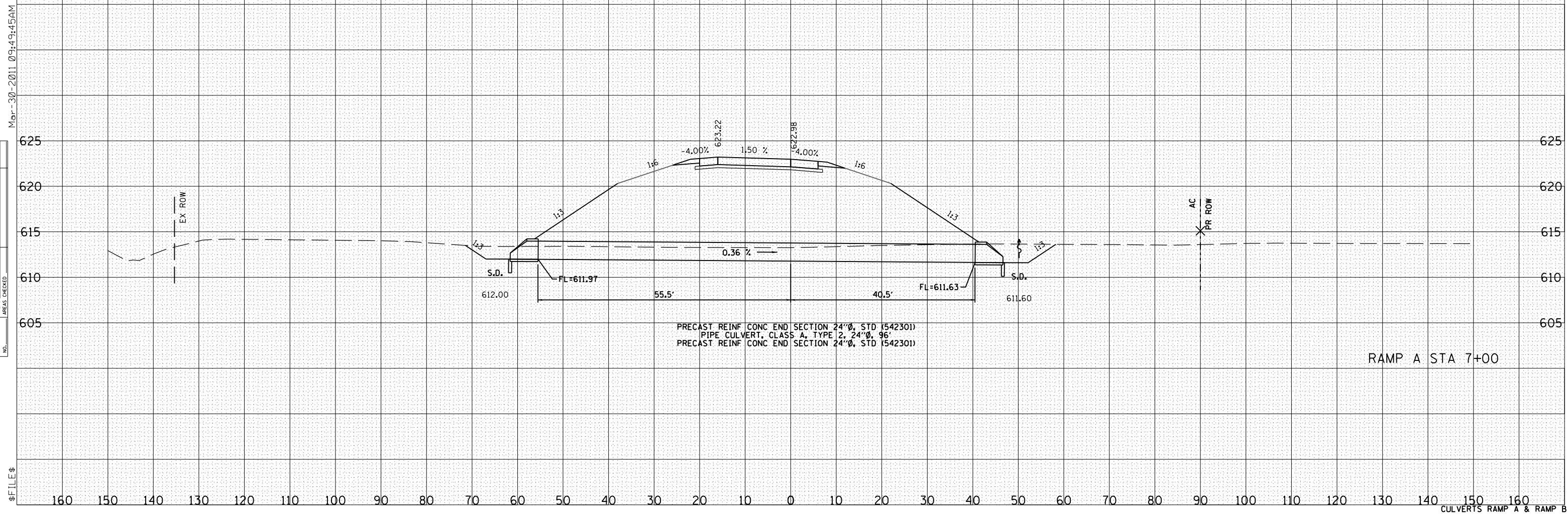
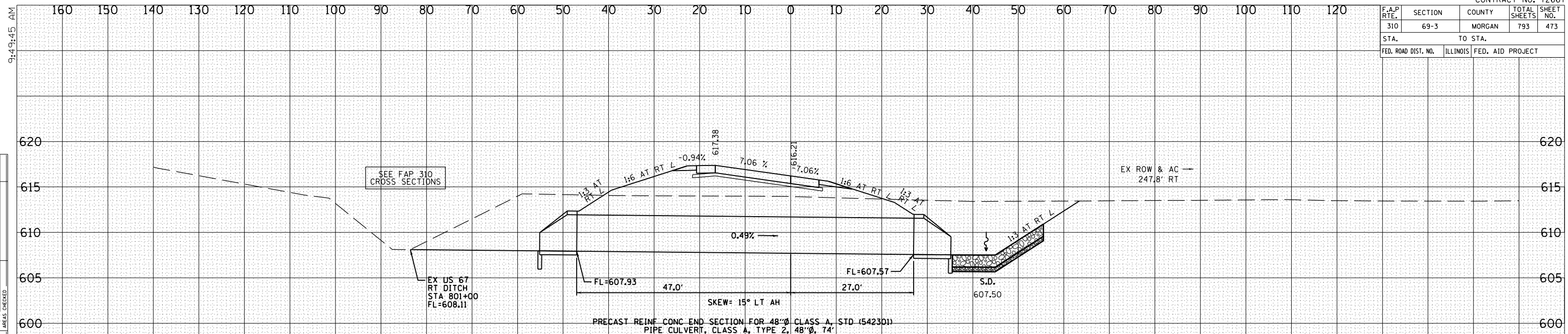
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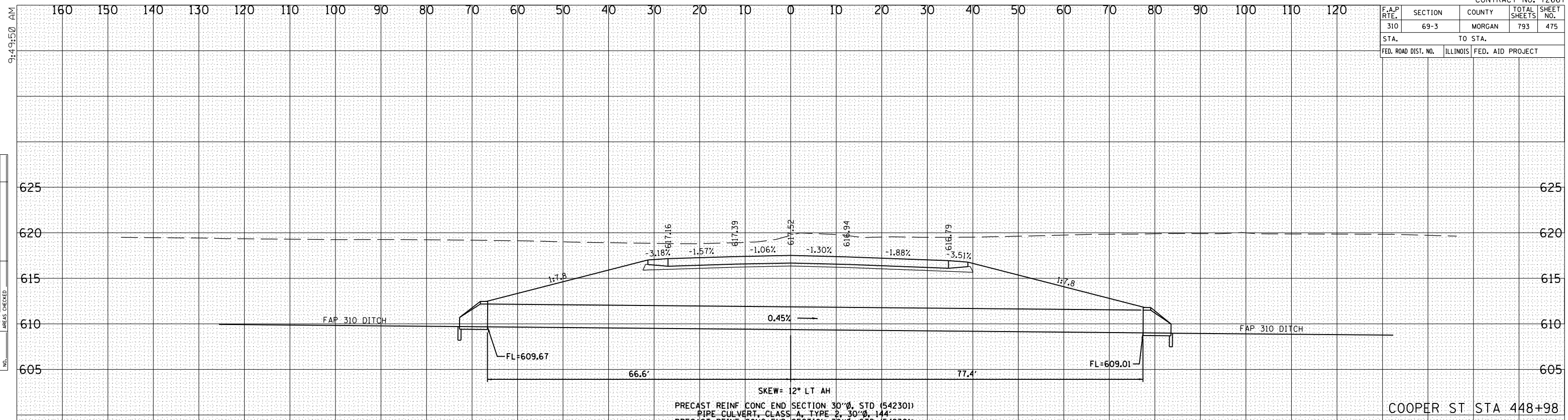
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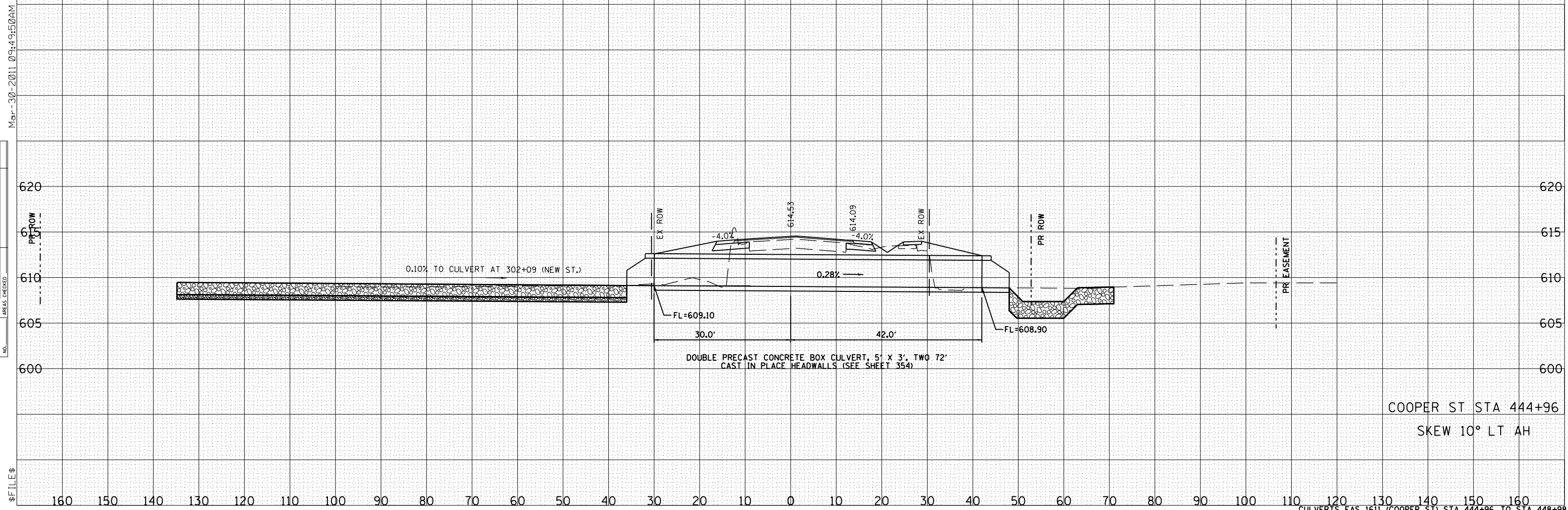
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	473
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	475
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



COOPER ST STA 448+98



COOPER ST STA 444+96

SKEW 10° LT AH

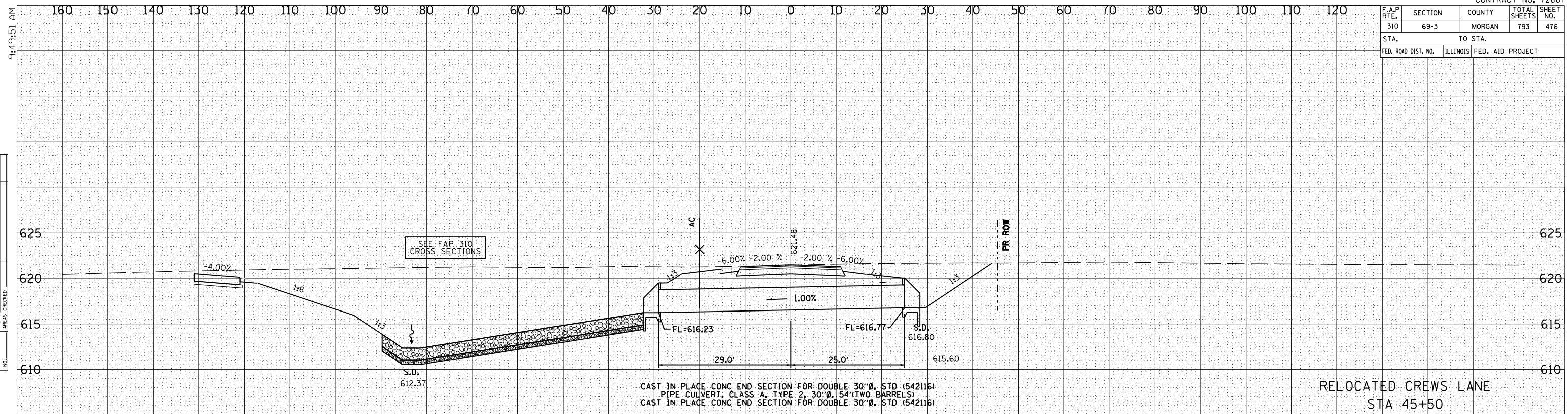
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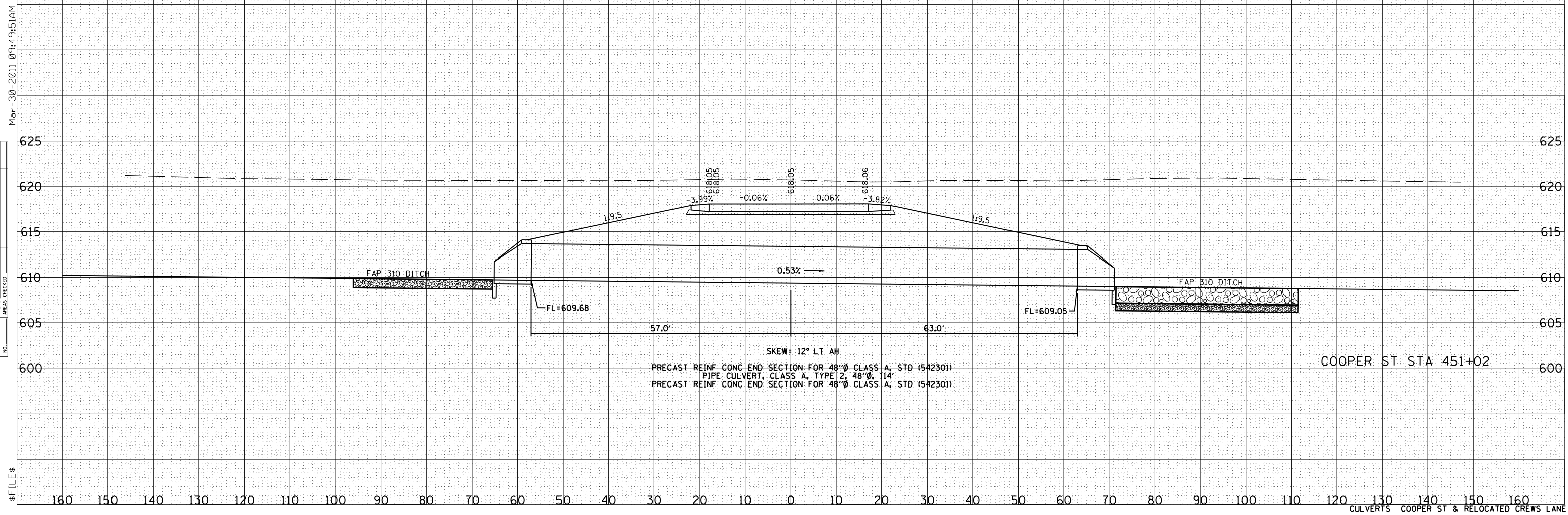
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	476
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



RELOCATED CREWS LANE
STA 45+50



COOPER ST STA 451+02

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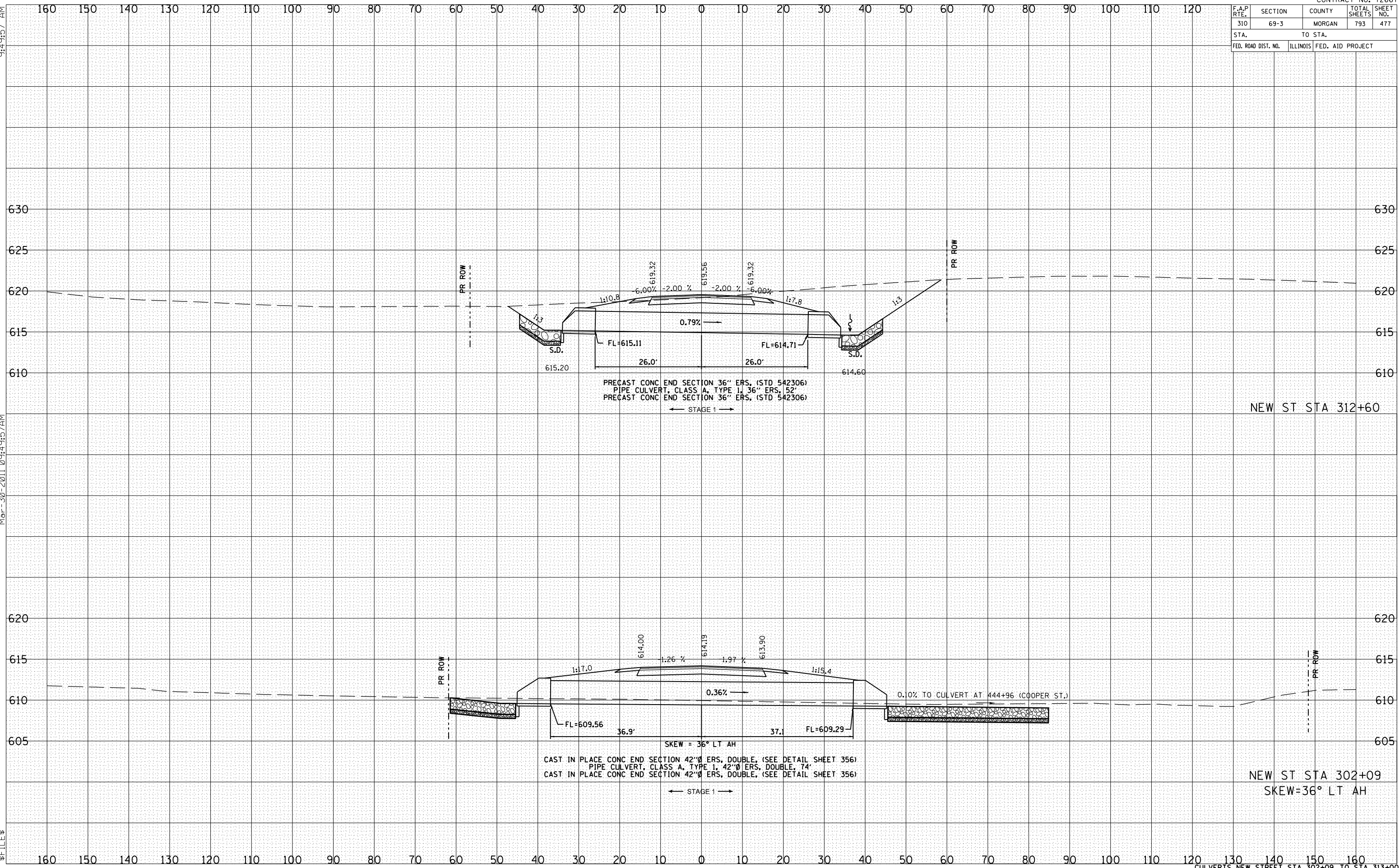
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	477
STA. 312+00		TO STA. 313+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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PRECAST CONC END SECTION 36" ERW, (STD 542306)
PIPE CULVERT, CLASS A, TYPE 1, 36" ERW, 52'
PRECAST CONC END SECTION 36" ERW, (STD 542306)

NEW ST STA 312+60

CAST IN PLACE CONC END SECTION 42" ERW, DOUBLE, (SEE DETAIL SHEET 356)
PIPE CULVERT, CLASS A, TYPE 1, 42" ERW, DOUBLE, 74'
CAST IN PLACE CONC END SECTION 42" ERW, DOUBLE, (SEE DETAIL SHEET 356)

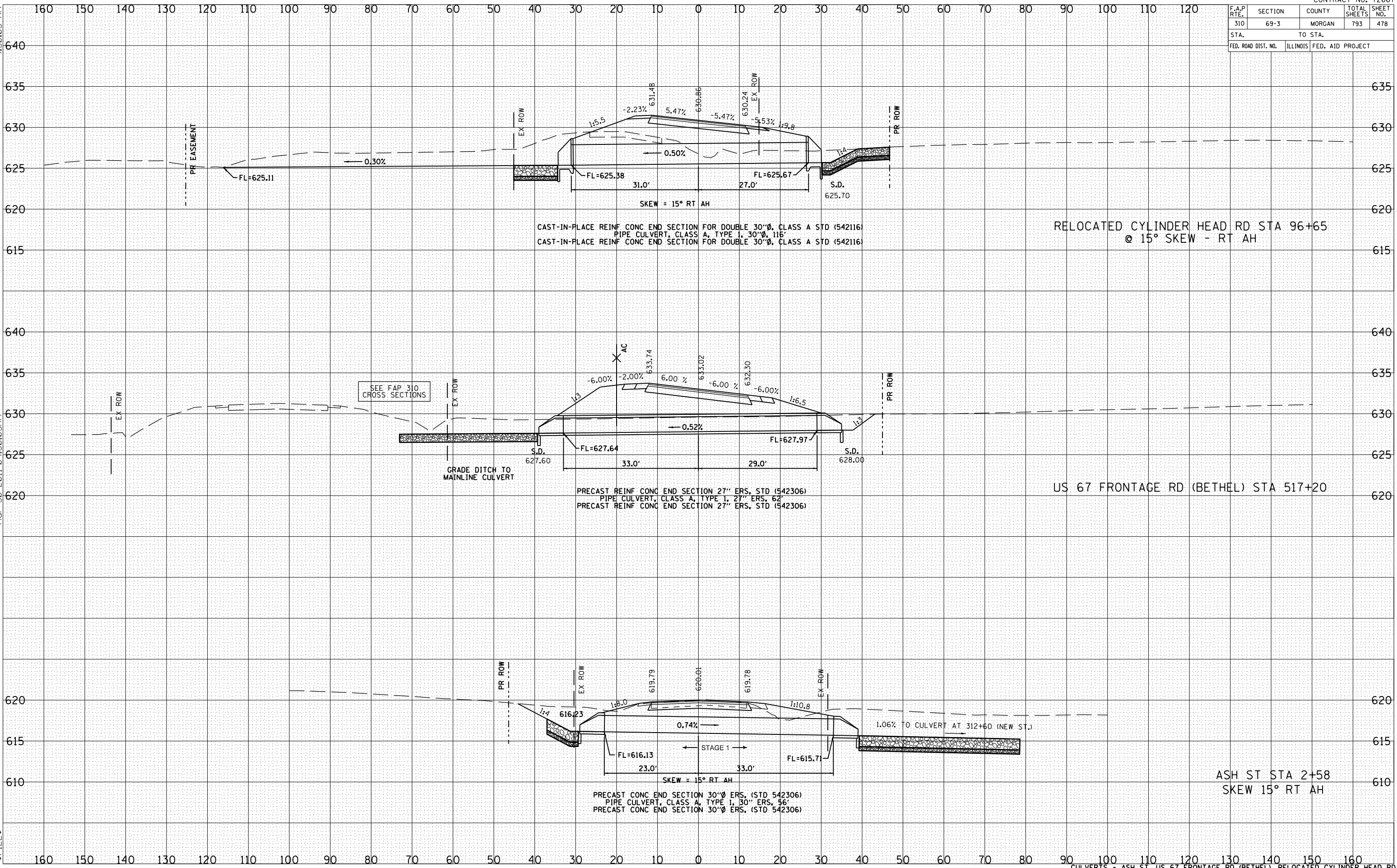
NEW ST STA 302+09
SKEW=36° LT AH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	478
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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CAST-IN-PLACE REINF CONC END SECTION FOR DOUBLE 30"Ø, CLASS A STD (542116)
 PIPE CULVERT, CLASS A, TYPE 1, 30"Ø, 116'
 CAST-IN-PLACE REINF CONC END SECTION FOR DOUBLE 30"Ø, CLASS A STD (542116)

RELOCATED CYLINDER HEAD RD STA 96+65
 @ 15° SKEW - RT AH

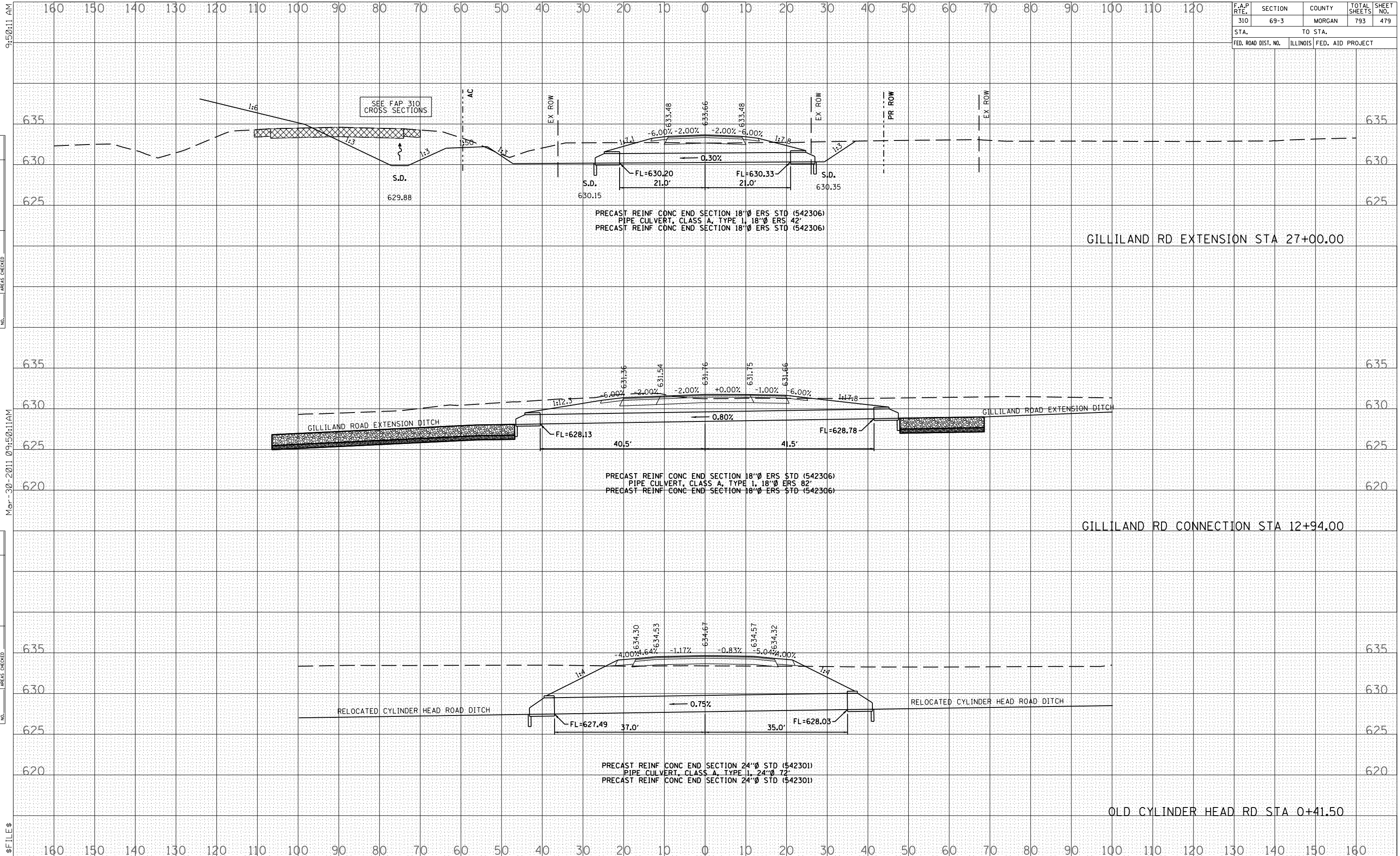
PRECAST REINF CONC END SECTION 27" ERS, STD (542306)
 PIPE CULVERT, CLASS A, TYPE 1, 27" ERS, 62'
 PRECAST REINF CONC END SECTION 27" ERS, STD (542306)

US 67 FRONTAGE RD (BETHEL) STA 517+20

PRECAST CONC END SECTION 30"Ø ERS, (STD 542306)
 PIPE CULVERT, CLASS A, TYPE 1, 30" ERS, 56'
 PRECAST CONC END SECTION 30"Ø ERS, (STD 542306)

ASH ST STA 2+58
 SKEW 15° RT AH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	479
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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ORIGINAL SURVEY SURVEYED PLOTTED DATE _____

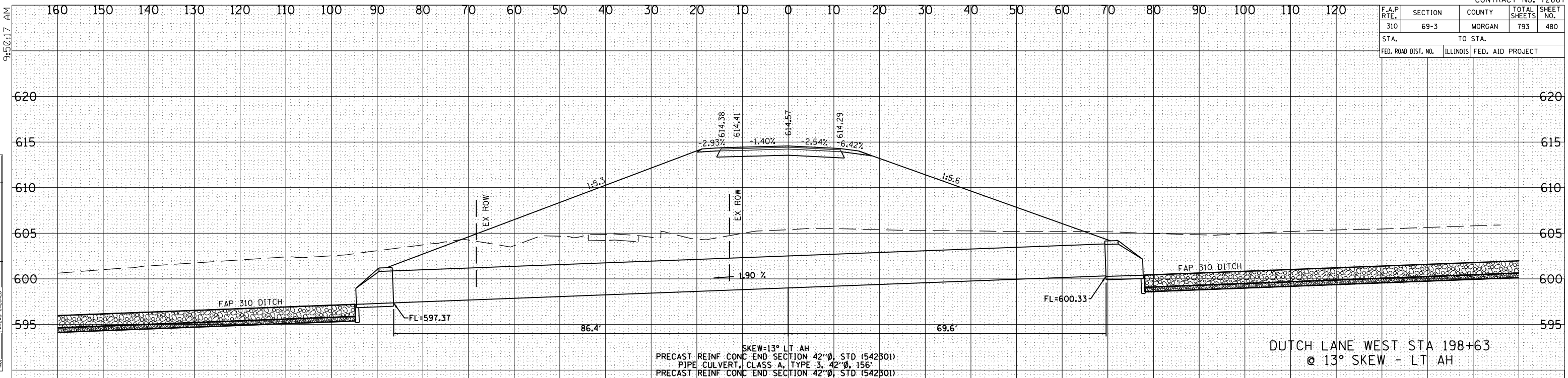
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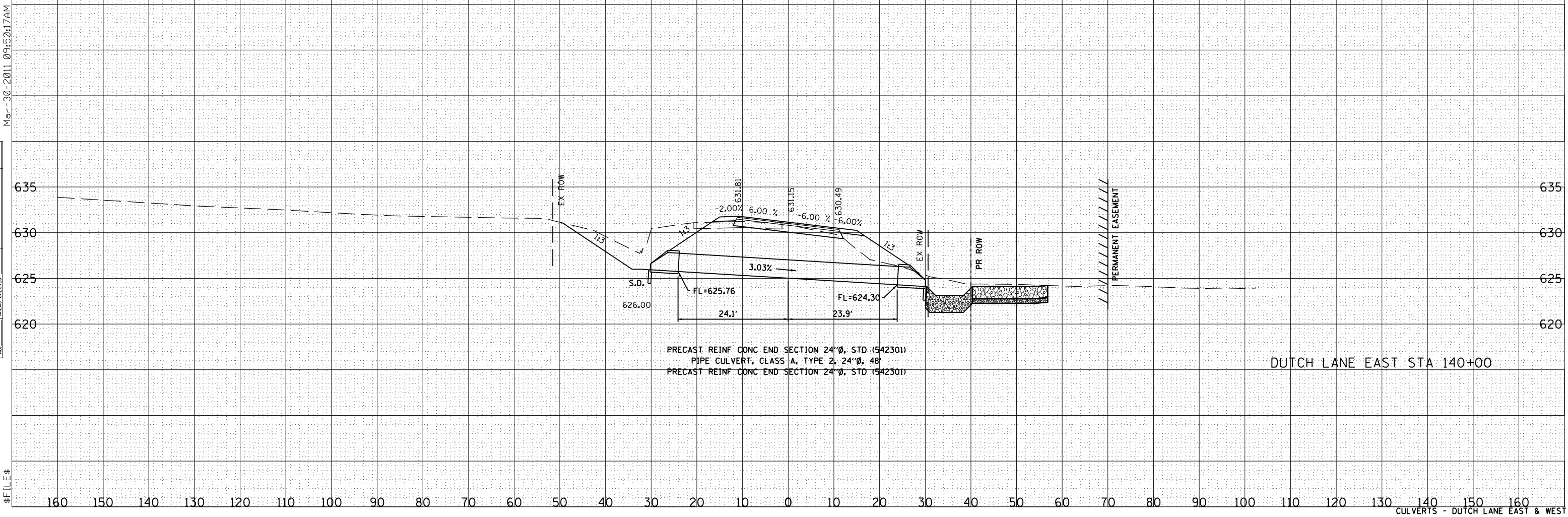
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	480
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

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DUTCH LANE WEST STA 198+63
@ 13° SKEW - LT AH

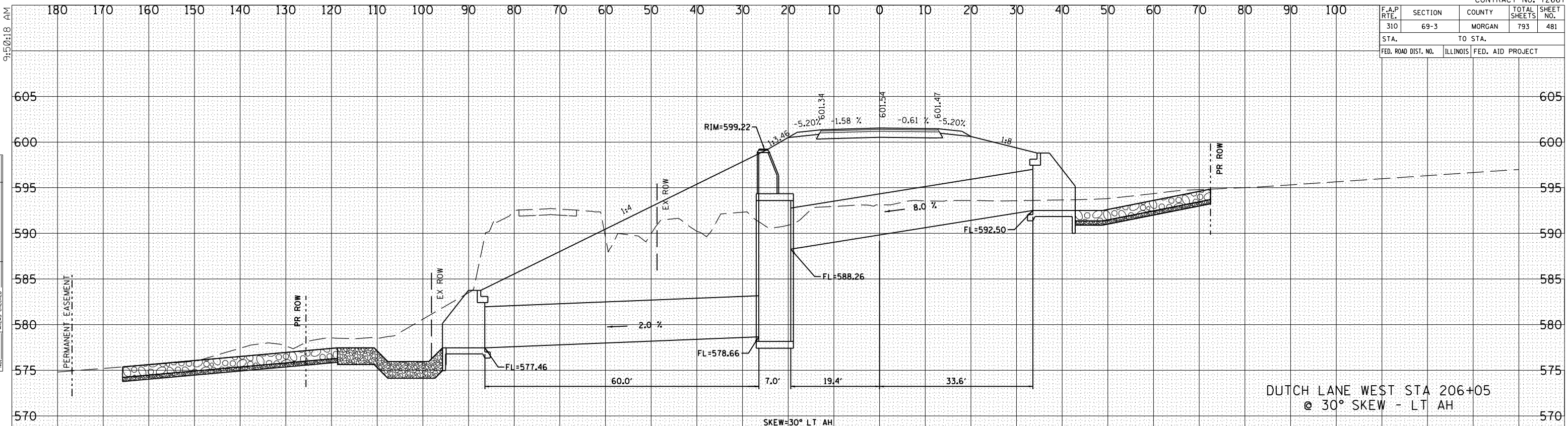


DUTCH LANE EAST STA 140+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	481
STA. 310		TO STA. 310		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

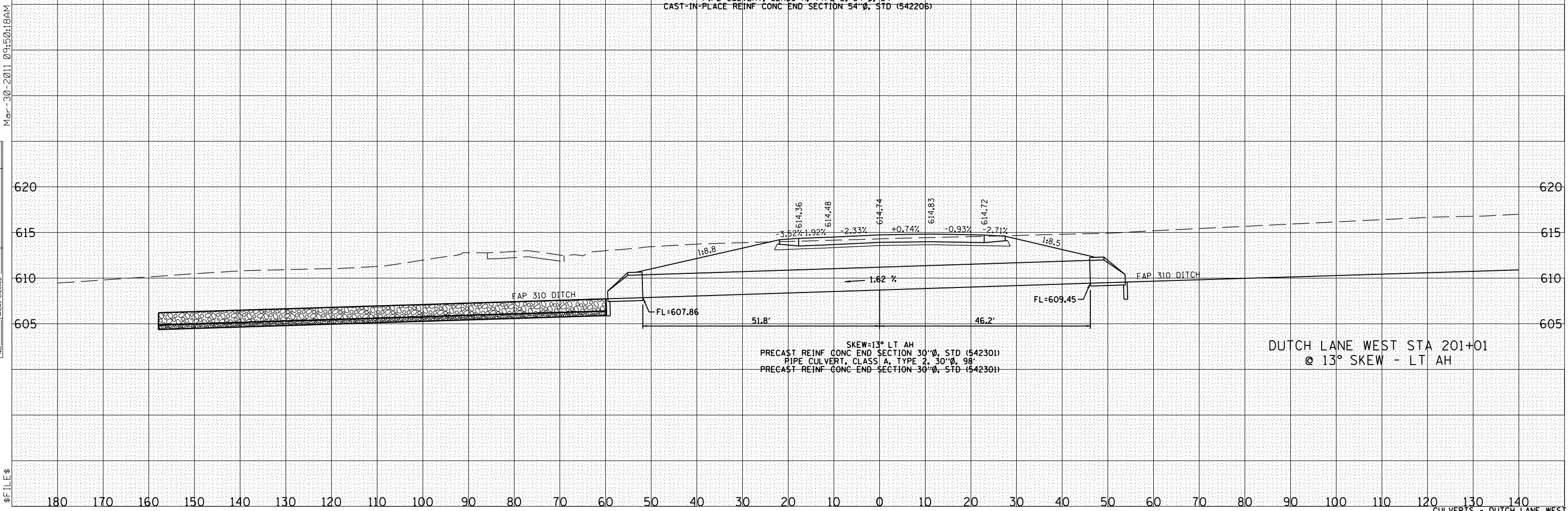
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NOTE BOOK
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ORIGINAL SURVEY
SURVEY PLOTTED
NOTE BOOK
NO. AREAS CHECKED



DUTCH LANE WEST STA 206+05
@ 30° SKEW - LT AH

SKEW=30° LT AH
CAST-IN-PLACE REINF CONC END SECTION 54'Ø, STD (542206)
PIPE CULVERT, CLASS A, TYPE 3, 54'Ø, 60'
MANHOLE TYPE A, 7'Ø W CLOSED FRAME AND LID TYPE I
PIPE CULVERT, CLASS A, TYPE 2, 54'Ø, 54'
CAST-IN-PLACE REINF CONC END SECTION 54'Ø, STD (542206)

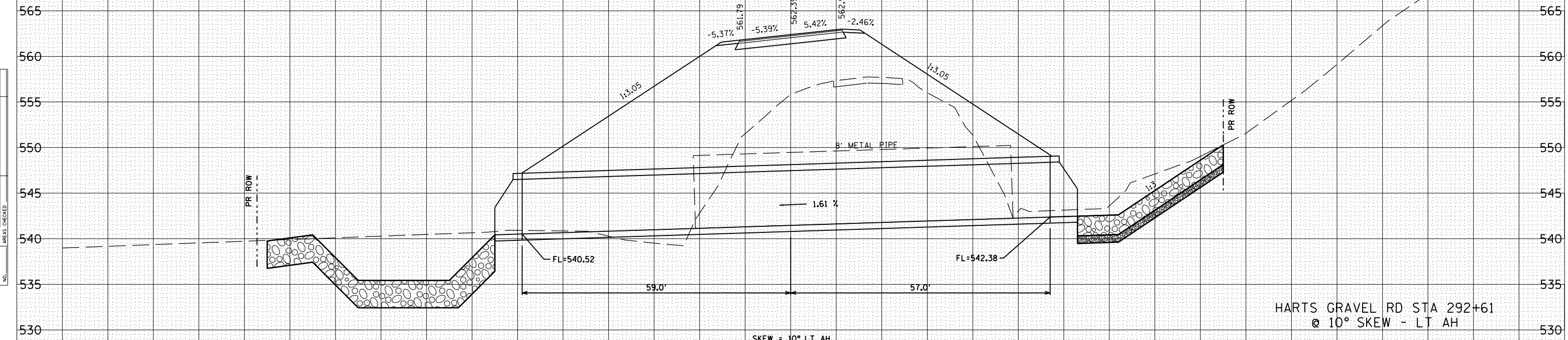


DUTCH LANE WEST STA 201+01
@ 13° SKEW - LT AH

SKEW=13° LT AH
PRECAST REINF CONC END SECTION 30'Ø, STD (542301)
PIPE CULVERT, CLASS A, TYPE 2, 30'Ø, 98'
PRECAST REINF CONC END SECTION 30'Ø, STD (542301)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	482
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

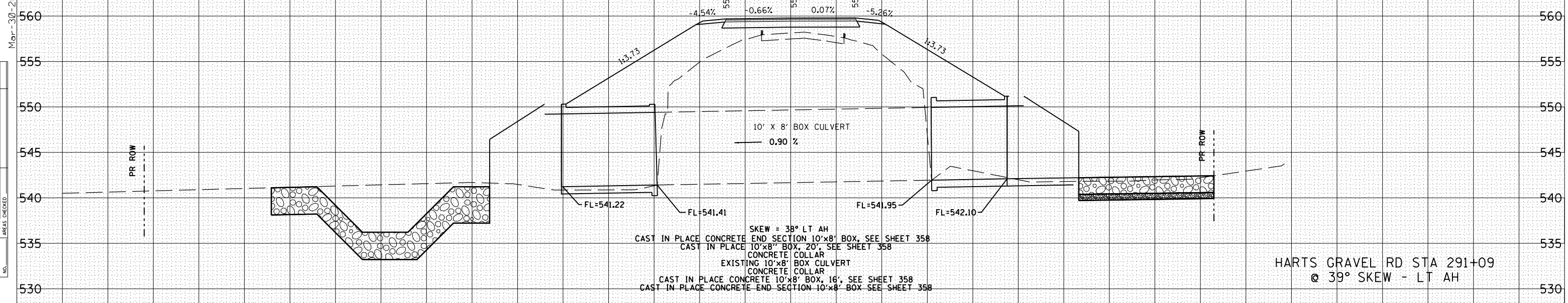
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HARTS GRAVEL RD STA 292+61 @ 10° SKEW - LT AH

SKEW = 10° LT AH
 CAST IN PLACE CONCRETE END SECTION 8'x6' BOX, SEE SHEET 361
 PRECAST CONCRETE BOX CULVERT 8' x 6', 116'
 CAST IN PLACE CONCRETE END SECTION 8'x6' BOX, SEE SHEET 361

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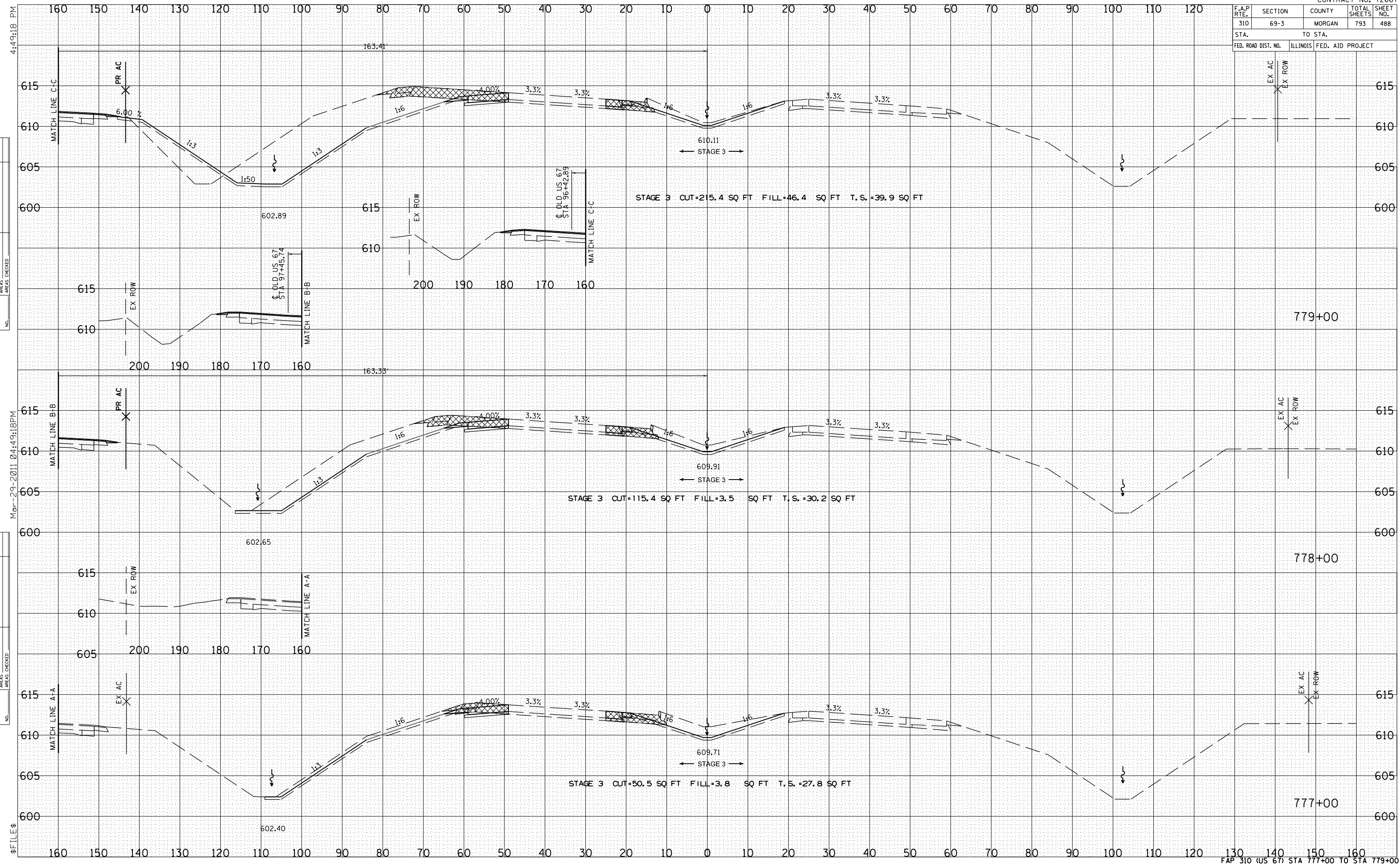


HARTS GRAVEL RD STA 291+09 @ 39° SKEW - LT AH

SKEW = 38° LT AH
 CAST IN PLACE CONCRETE END SECTION 10'x8' BOX, SEE SHEET 358
 CAST IN PLACE 10'x8' BOX, 20', SEE SHEET 358
 CONCRETE COLLAR
 EXISTING 10'x8' BOX CULVERT
 CONCRETE COLLAR
 CAST IN PLACE CONCRETE 10'x8' BOX, 16', SEE SHEET 358
 CAST IN PLACE CONCRETE END SECTION 10'x8' BOX SEE SHEET 358

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	488
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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NOTE BOOK NO. _____

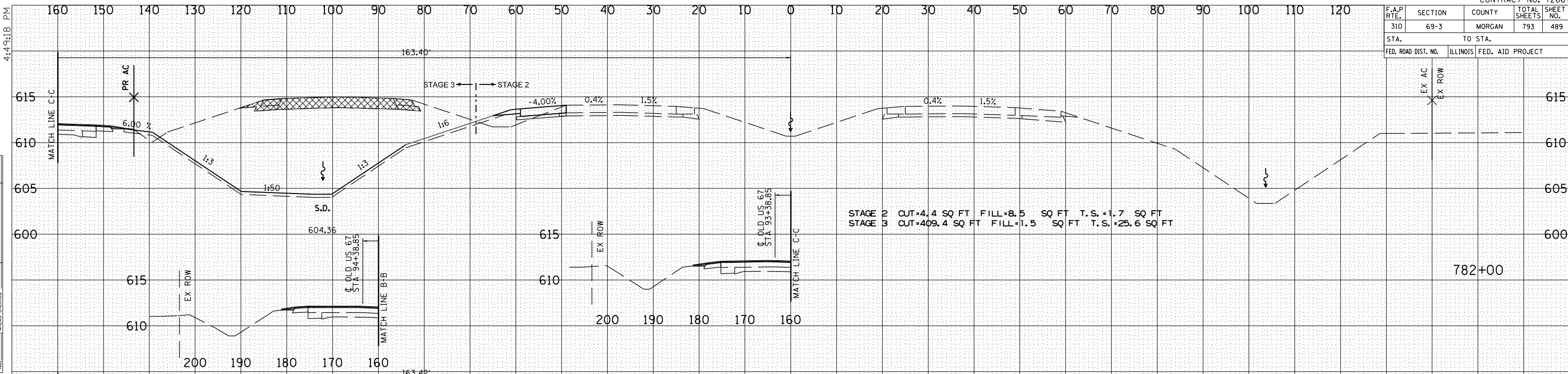
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	489
STA. TO STA.		ILLINOIS FED. AID PROJECT		

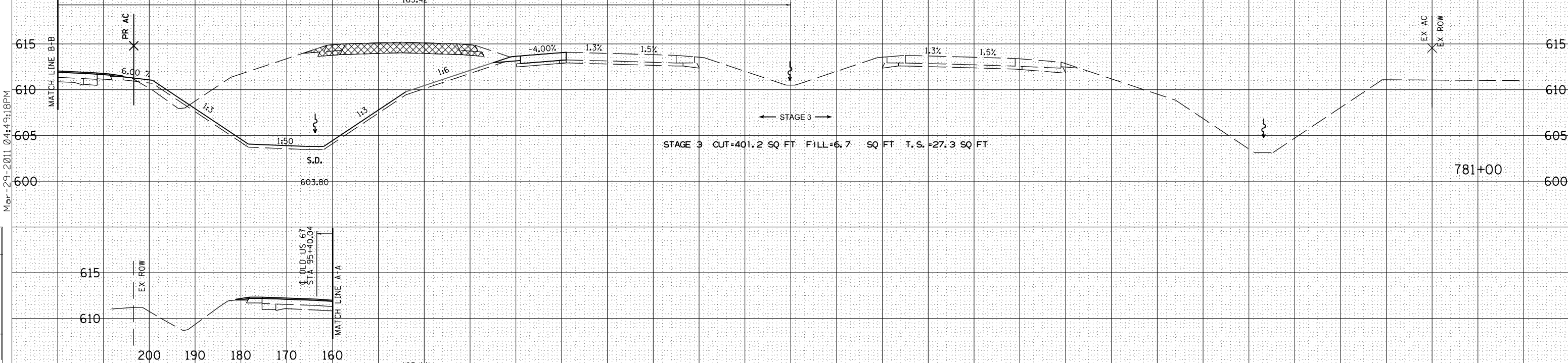
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NO.	AREAS CHECKED



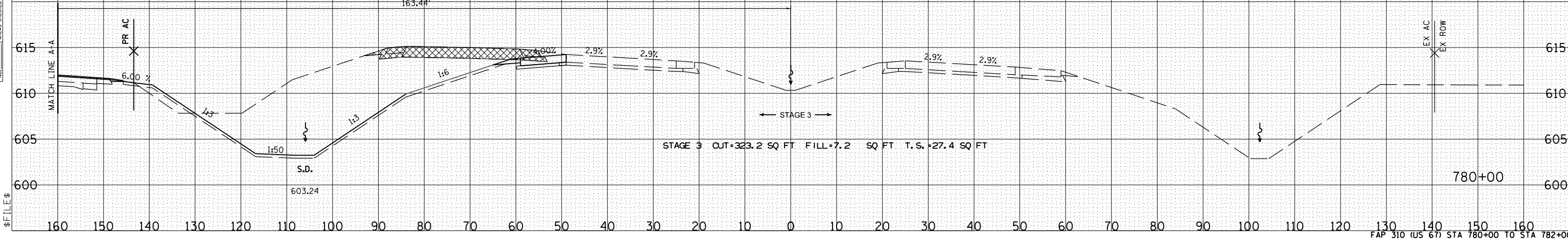
BY	DATE

NO.	AREAS CHECKED

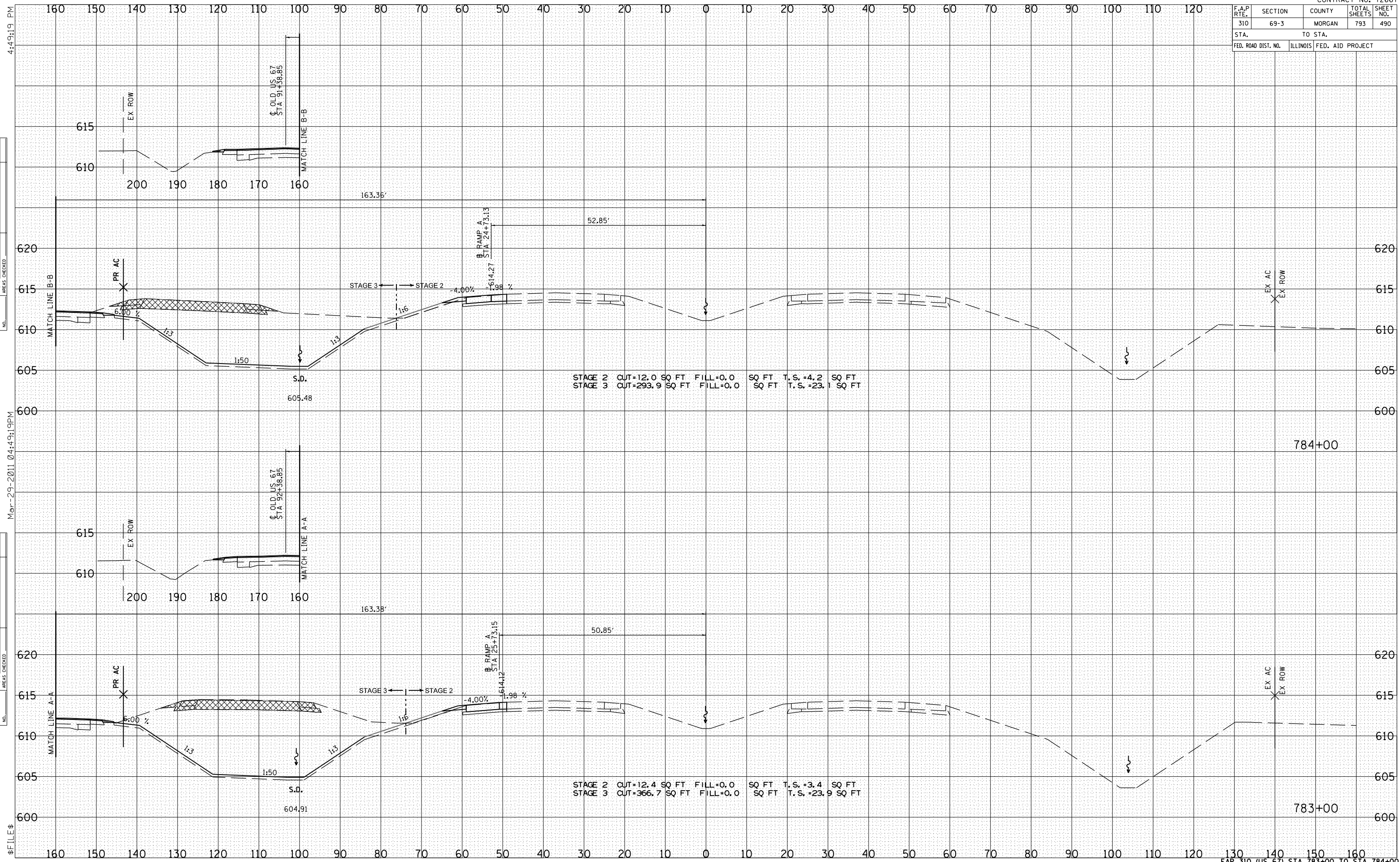


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NO.	AREAS CHECKED



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	490
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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NO.	AREAS CHECKED

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NO.	AREAS CHECKED

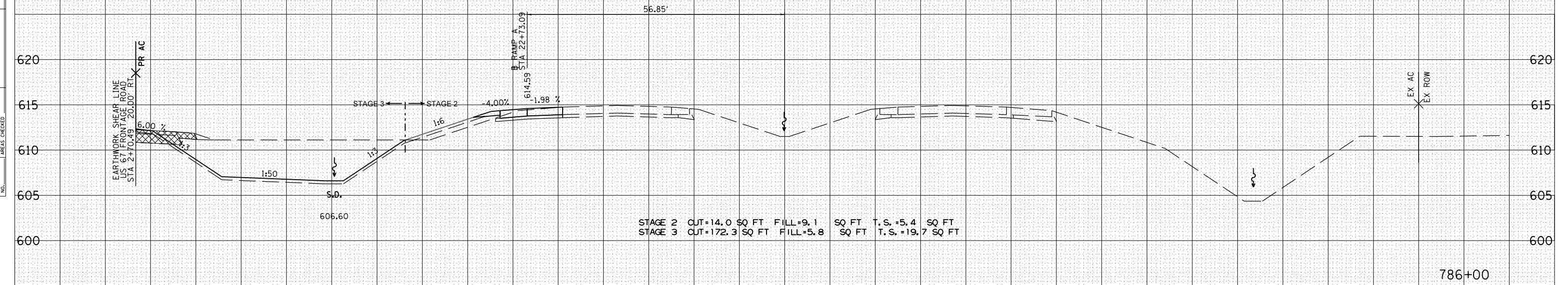
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	491
STA. 785+00		TO STA. 786+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID	PROJECT	

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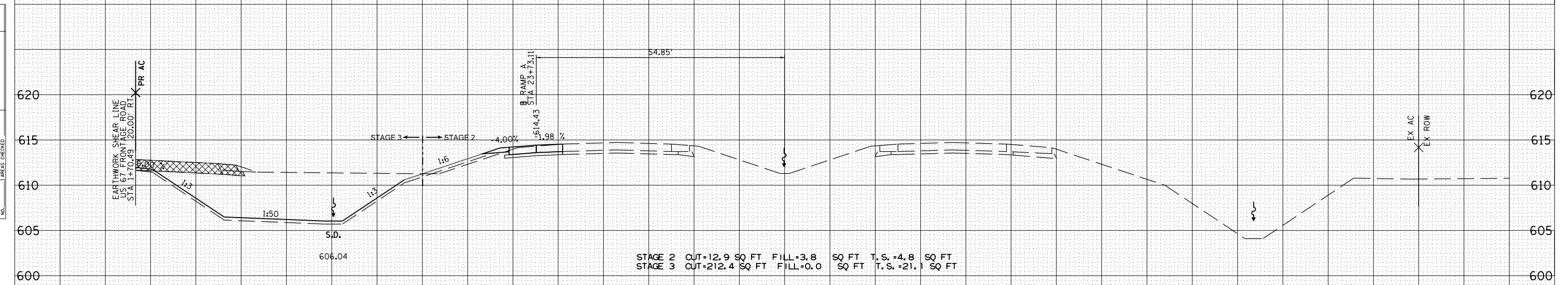
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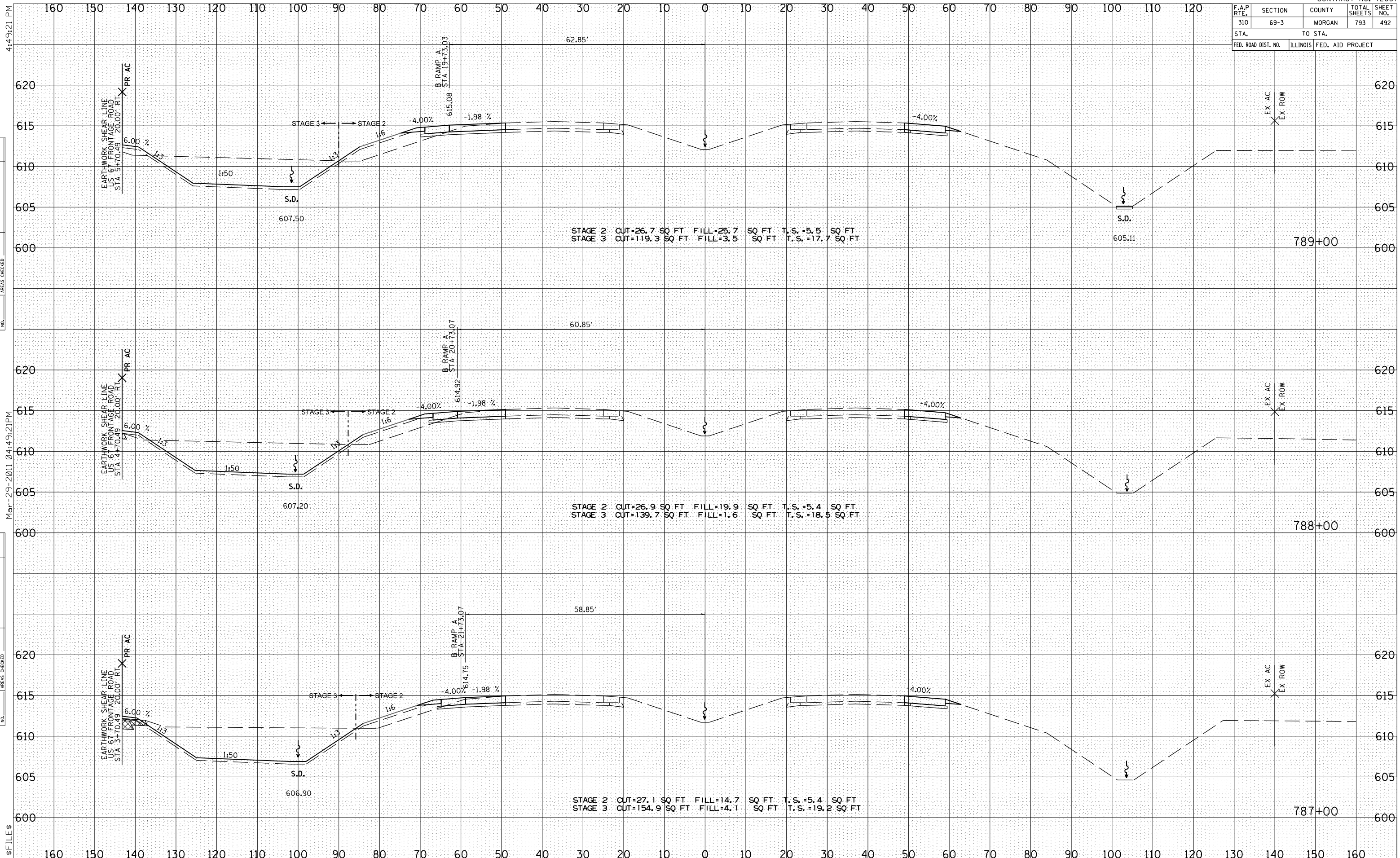
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	492
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

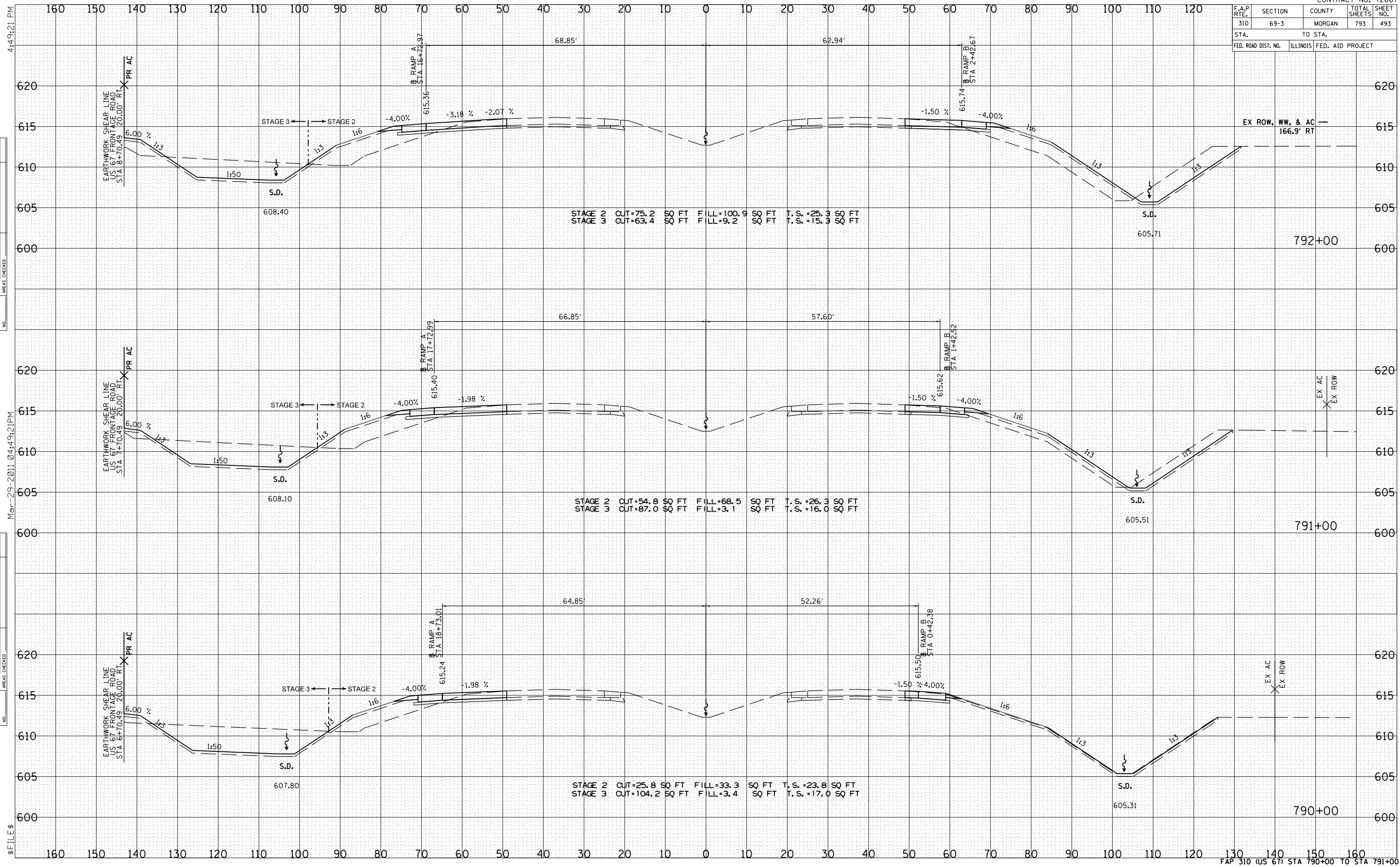


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	493
STA. 790+00		TO STA. 792+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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INSTRUMENT	
NOTE BOOK	
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BY	DATE
SURVEYED	
PLOTTED	
INSTRUMENT	
NOTE BOOK	
AREAS CHECKED	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	494
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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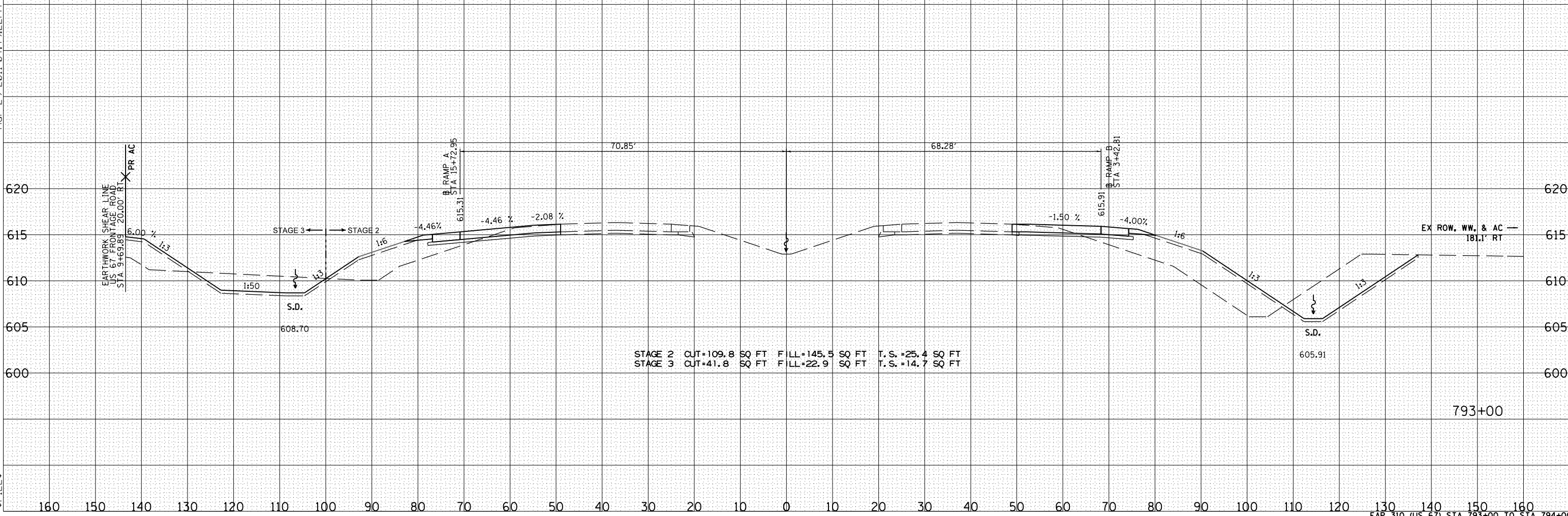
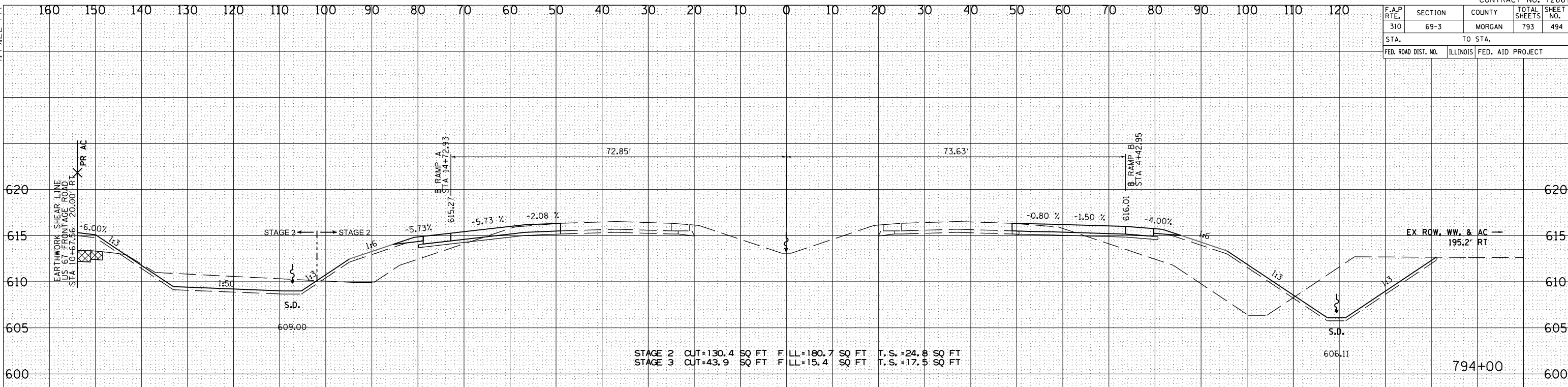
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	495
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

4:49:23 PM

Mar-29-2011 04:49:23 PM

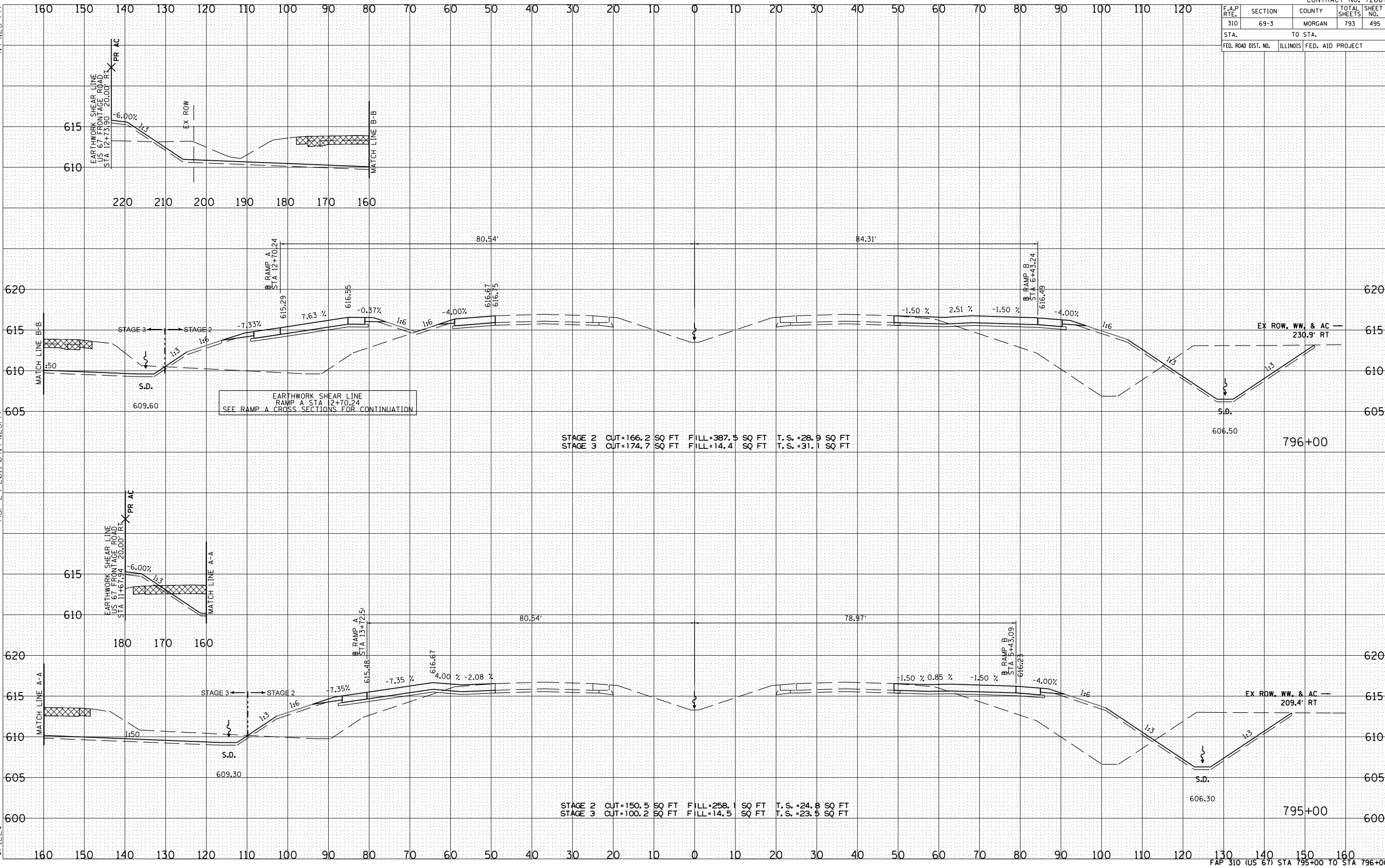
BY	DATE

NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED

\$ FILE \$



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	496
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

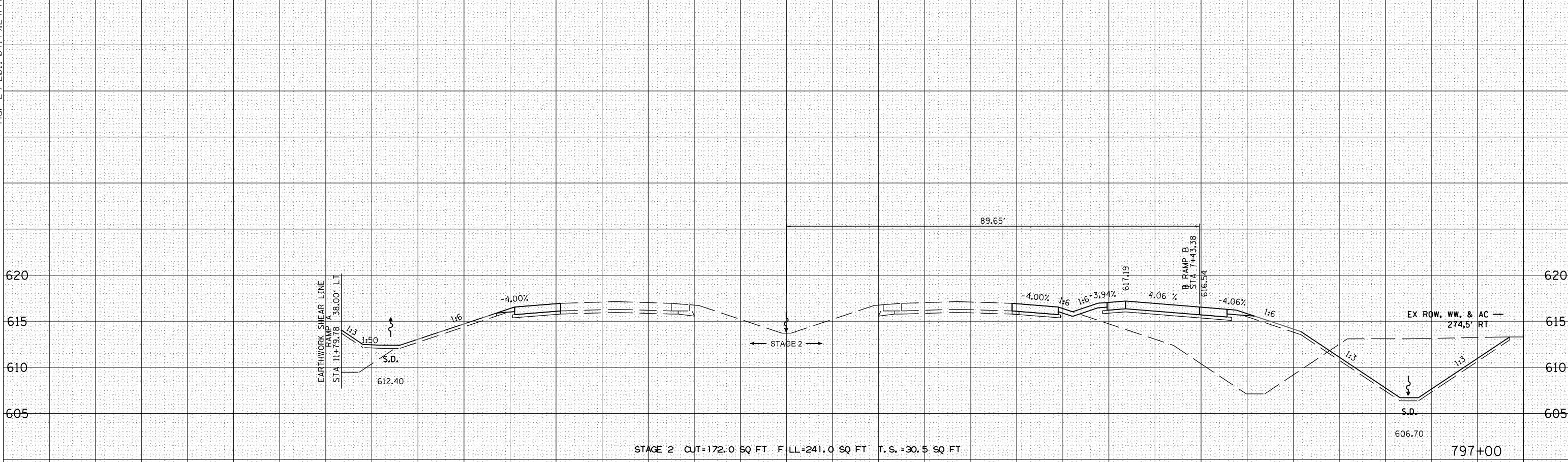
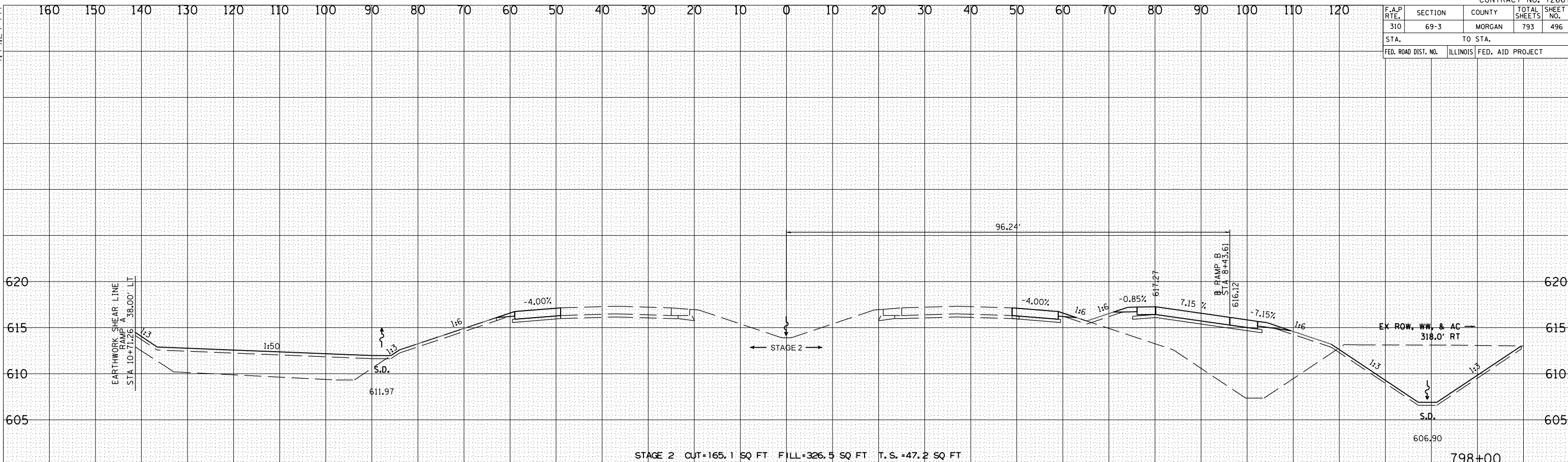
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	497
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

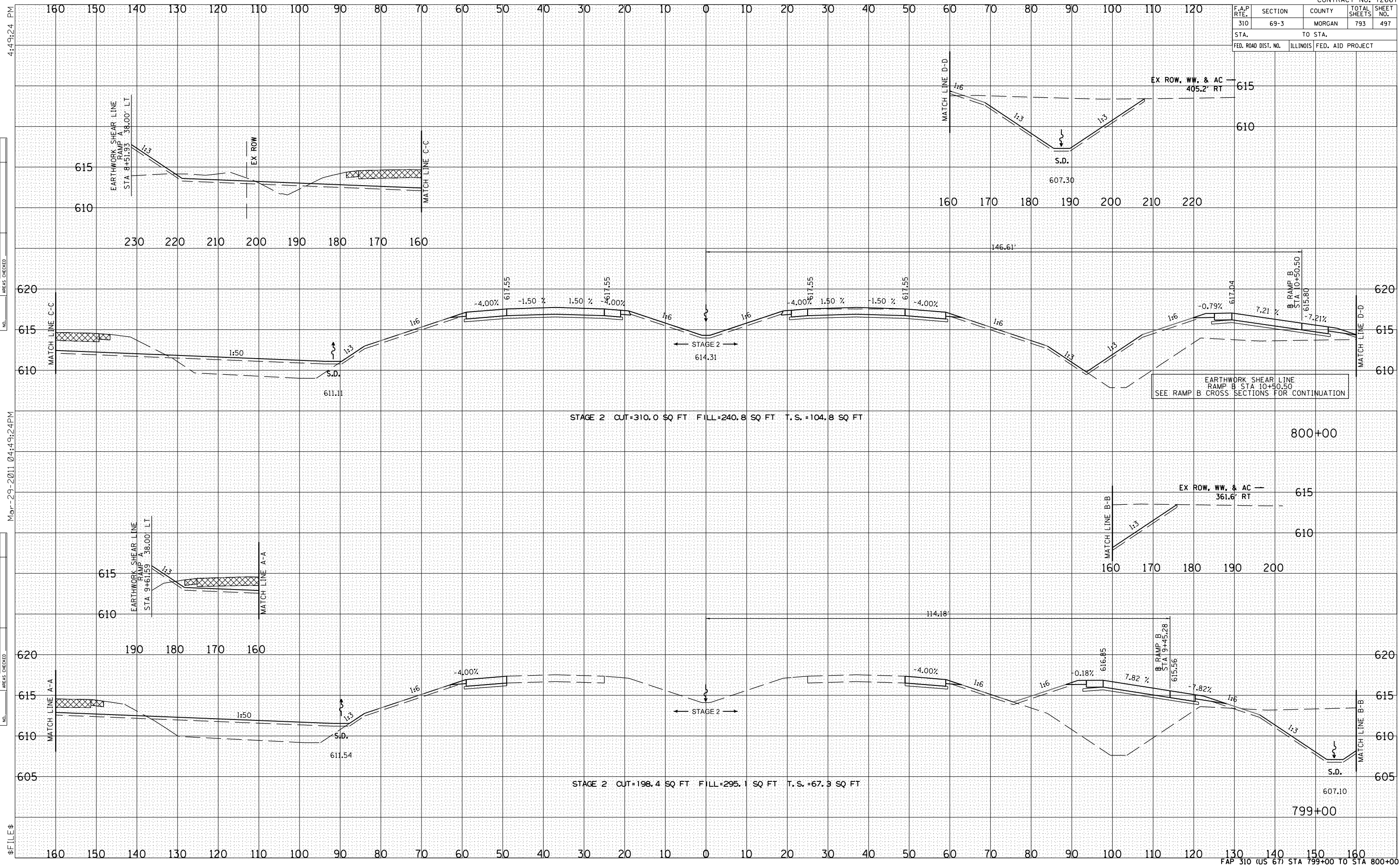
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	498
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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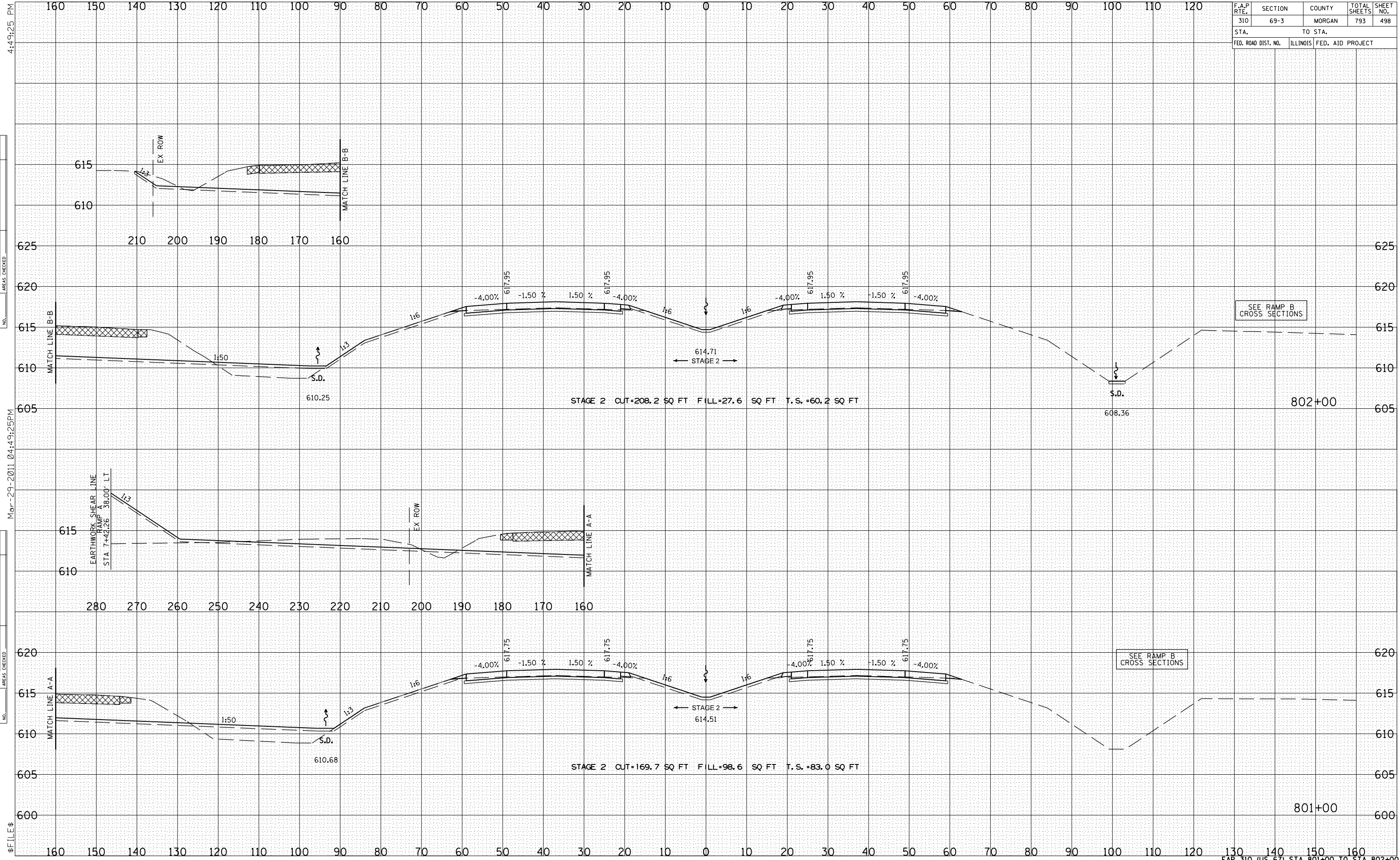
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BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE	NO.

\$FILE\$



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	499
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

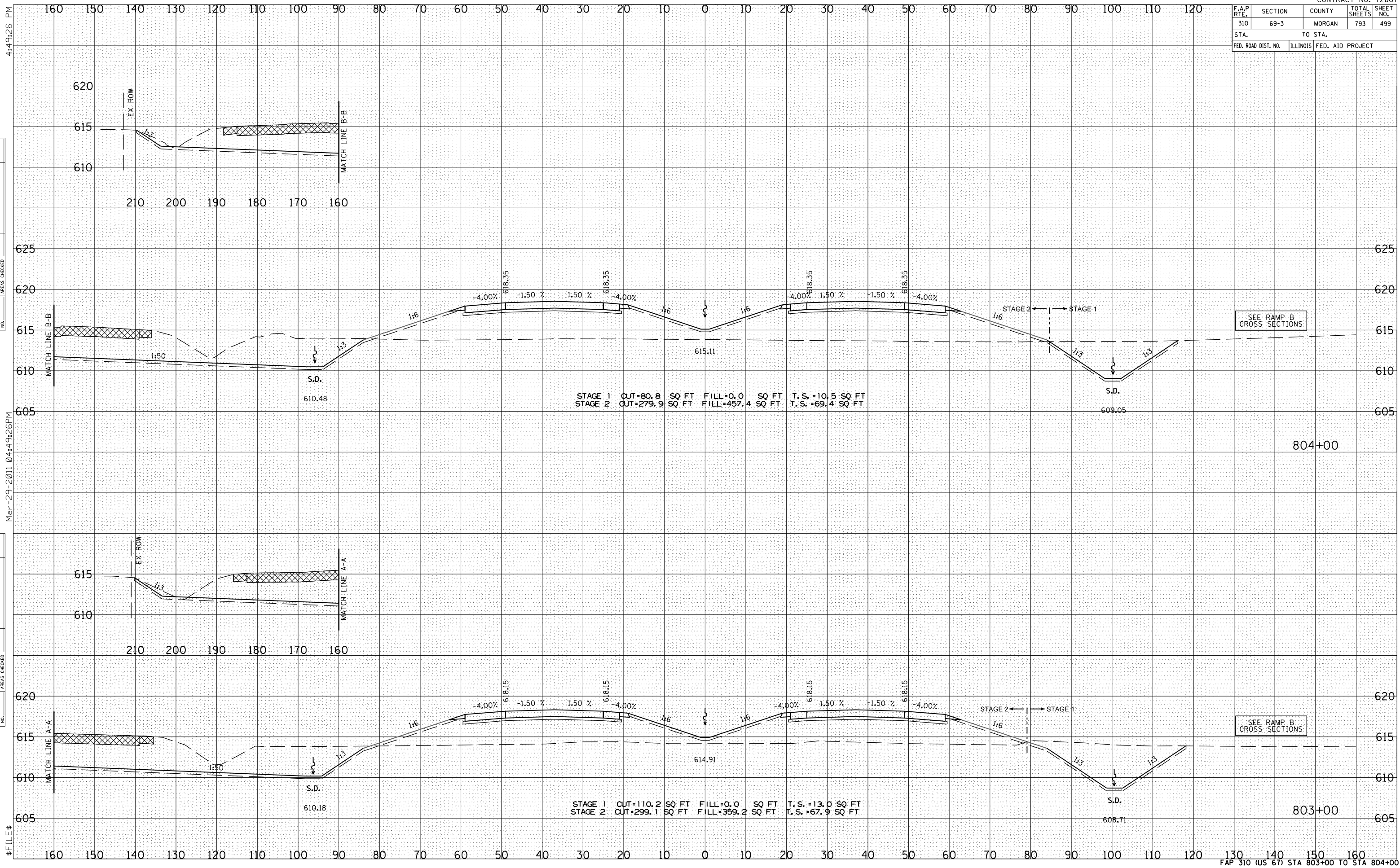
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BY	DATE

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BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3	MORGAN	793	500
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

4:49:27 PM

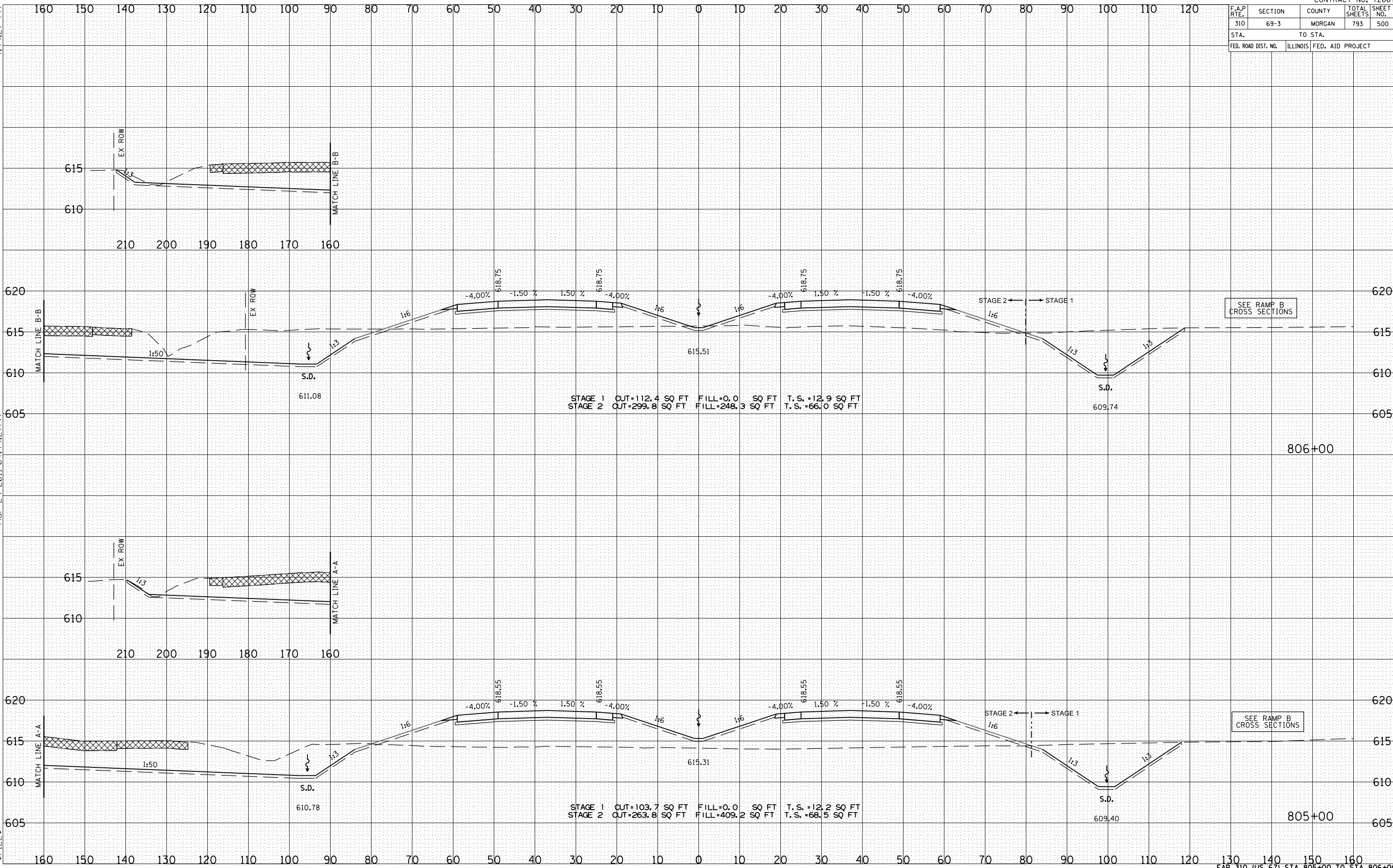
BY	DATE

NO.	AREAS CHECKED	AREAS	DATE	BY

NO.	AREAS CHECKED	AREAS	DATE	BY

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