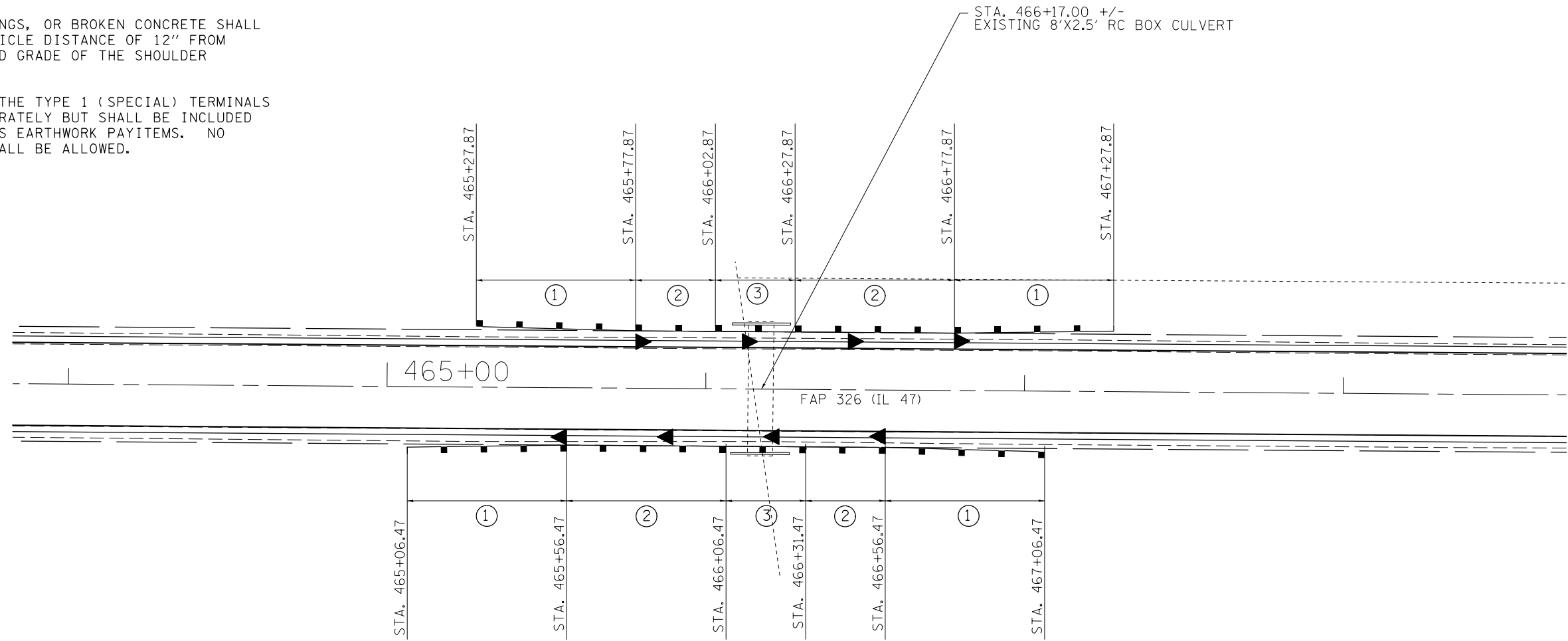


DETAIL NOTES

1. SHOULDER WIDENING FOR TYPE 1 (SPECIAL) TERMINALS SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTION OF NEW GUARDRAIL.
2. NO ROCK, STONES, MILLINGS, OR BROKEN CONCRETE SHALL BE PERMITTED WITHIN A VERTICLE DISTANCE OF 12" FROM THE SURFACE OF THE FINISHED GRADE OF THE SHOULDER WIDENING.
3. SHOULDER WIDENING FOR THE TYPE 1 (SPECIAL) TERMINALS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR THE VARIOUS EARTHWORK PAYITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.



GUARDRAIL KEY	
①	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL), TANGENT
②	STEEL PLATE BEAM GUARDRAIL, TYPE A 6' POST SPACING
③	STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURE
◀	REFLECTOR MARKERS, TYPE A

FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED - ----
ce:\pw\work\p\dot\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN BMC	REVISED - ----
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE: N/A SHEET NO. 07 OF 07 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	201
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70844	

PCC BASE COURSE WIDENING OFFSET TABLE (LT. SIDE)

ROUTE	STATION	OUTSIDE EDGE OF PCC BASE COURSE WIDENING O/S
FAP 326 (IL 47) LT.	497+00.00	13.65
FAP 326 (IL 47) LT.	497+25.00	13.74
FAP 326 (IL 47) LT.	497+50.00	14.51
FAP 326 (IL 47) LT.	497+75.00	15.24
FAP 326 (IL 47) LT.	498+00.00	15.93
FAP 326 (IL 47) LT.	498+25.00	16.59
FAP 326 (IL 47) LT.	498+50.00	17.22
FAP 326 (IL 47) LT.	498+75.00	17.81
FAP 326 (IL 47) LT.	499+00.00	18.36
FAP 326 (IL 47) LT.	499+25.00	18.89
FAP 326 (IL 47) LT.	499+50.00	19.37
FAP 326 (IL 47) LT.	499+75.00	19.82
FAP 326 (IL 47) LT.	500+00.00	20.23
FAP 326 (IL 47) LT.	500+25.00	20.61
FAP 326 (IL 47) LT.	500+50.00	20.96

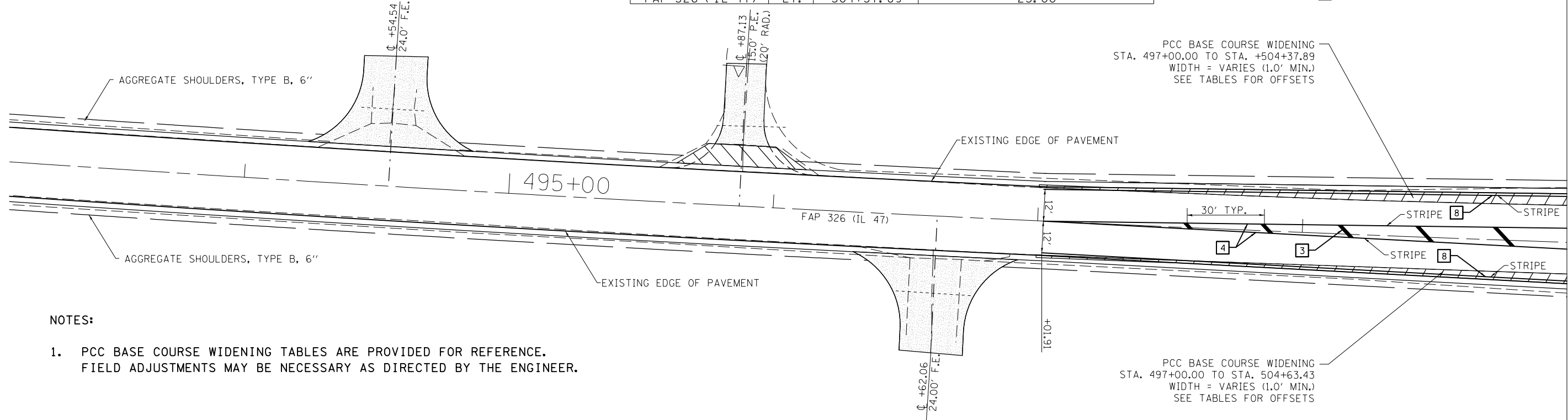
PCC BASE COURSE WIDENING OFFSET TABLE (LT. SIDE)

ROUTE	STATION	OUTSIDE EDGE OF PCC BASE COURSE WIDENING O/S
FAP 326 (IL 47) LT.	500+75.00	21.27
FAP 326 (IL 47) LT.	501+00.00	21.54
FAP 326 (IL 47) LT.	501+25.00	21.78
FAP 326 (IL 47) LT.	501+50.00	21.98
FAP 326 (IL 47) LT.	501+75.00	22.15
FAP 326 (IL 47) LT.	502+00.00	22.28
FAP 326 (IL 47) LT.	502+25.00	22.38
FAP 326 (IL 47) LT.	502+50.00	22.44
FAP 326 (IL 47) LT.	502+75.00	22.47
FAP 326 (IL 47) LT.	503+00.00	22.46
FAP 326 (IL 47) LT.	503+25.00	22.42
FAP 326 (IL 47) LT.	503+50.00	22.34
FAP 326 (IL 47) LT.	503+75.00	22.34
FAP 326 (IL 47) LT.	504+00.00	22.35
FAP 326 (IL 47) LT.	504+25.00	22.74
FAP 326 (IL 47) LT.	504+37.89	23.00



- = INCIDENTAL HMA
- = AGGREGATE SURFACE COURSE, TYPE B

- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 8 4" (100) SOLID (WHITE)



NOTES:

- PCC BASE COURSE WIDENING TABLES ARE PROVIDED FOR REFERENCE. FIELD ADJUSTMENTS MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.




PCC BASE COURSE WIDENING OFFSET TABLE (RT. SIDE)

ROUTE	STATION	OUTSIDE EDGE OF PCC BASE COURSE WIDENING O/S
FAP 326 (IL 47) RT.	497+00.00	13.86
FAP 326 (IL 47) RT.	497+25.00	13.72
FAP 326 (IL 47) RT.	497+50.00	13.55
FAP 326 (IL 47) RT.	497+75.00	13.68
FAP 326 (IL 47) RT.	498+00.00	13.99
FAP 326 (IL 47) RT.	498+25.00	14.32
FAP 326 (IL 47) RT.	498+50.00	14.70
FAP 326 (IL 47) RT.	498+75.00	15.11
FAP 326 (IL 47) RT.	499+00.00	15.55
FAP 326 (IL 47) RT.	499+25.00	16.03
FAP 326 (IL 47) RT.	499+50.00	16.55
FAP 326 (IL 47) RT.	499+75.00	17.09
FAP 326 (IL 47) RT.	500+00.00	17.68
FAP 326 (IL 47) RT.	500+25.00	18.30
FAP 326 (IL 47) RT.	500+50.00	18.96

PCC BASE COURSE WIDENING OFFSET TABLE (RT. SIDE)

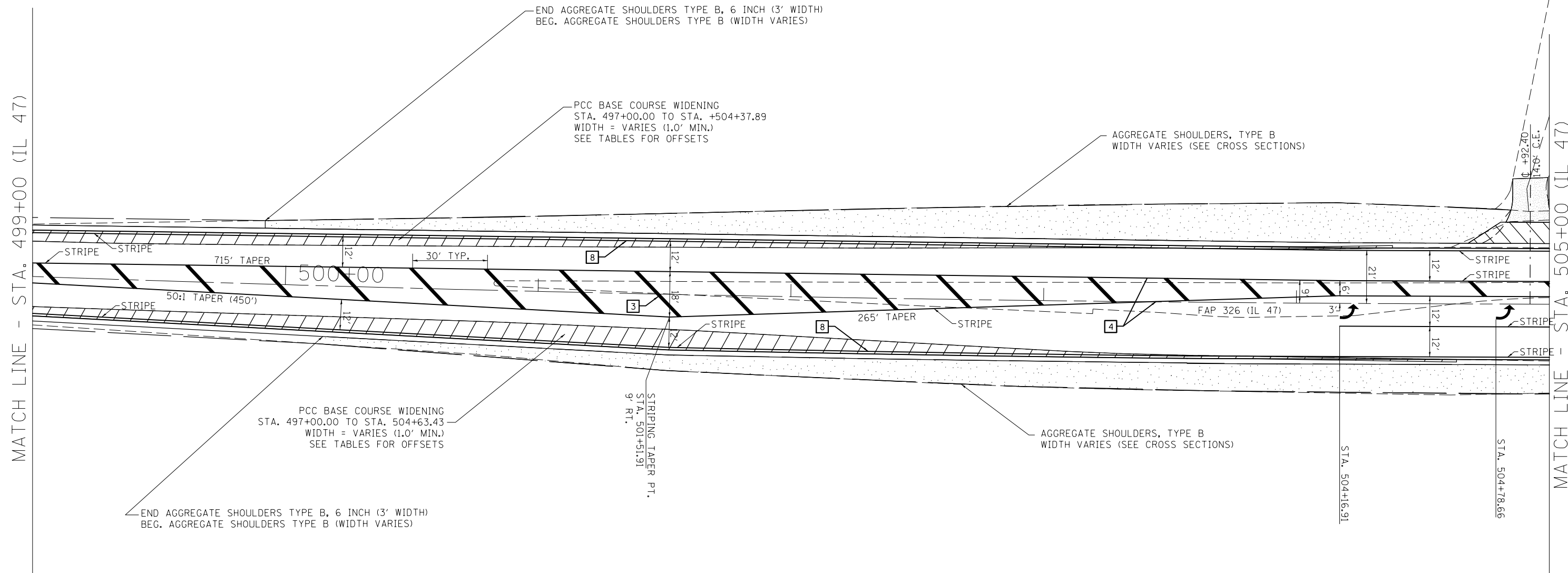
ROUTE	STATION	OUTSIDE EDGE OF PCC BASE COURSE WIDENING O/S
FAP 326 (IL 47) RT.	500+75.00	19.65
FAP 326 (IL 47) RT.	501+00.00	20.38
FAP 326 (IL 47) RT.	501+25.00	21.14
FAP 326 (IL 47) RT.	501+50.00	21.93
FAP 326 (IL 47) RT.	501+75.00	22.03
FAP 326 (IL 47) RT.	502+00.00	22.07
FAP 326 (IL 47) RT.	502+25.00	22.09
FAP 326 (IL 47) RT.	502+50.00	22.13
FAP 326 (IL 47) RT.	502+75.00	22.17
FAP 326 (IL 47) RT.	503+00.00	22.20
FAP 326 (IL 47) RT.	503+25.00	22.23
FAP 326 (IL 47) RT.	503+50.00	22.27
FAP 326 (IL 47) RT.	503+75.00	22.19
FAP 326 (IL 47) RT.	504+00.00	22.30
FAP 326 (IL 47) RT.	504+25.00	22.56
FAP 326 (IL 47) RT.	504+50.00	22.84
FAP 326 (IL 47) RT.	504+63.43	23.00

MATCH LINE - STA. 499+00 (IL 47)

-  = INCIDENTAL HMA
-  = AGGREGATE SURFACE COURSE, TYPE B
-  = AGGREGATE SHOULDER, TYPE B



- 3** 12" (300) DIAGONAL (YELLOW)
- 4** 4" (100) DOUBLE YELLOW (NARROW)
- 8** 4" (100) SOLID (WHITE)



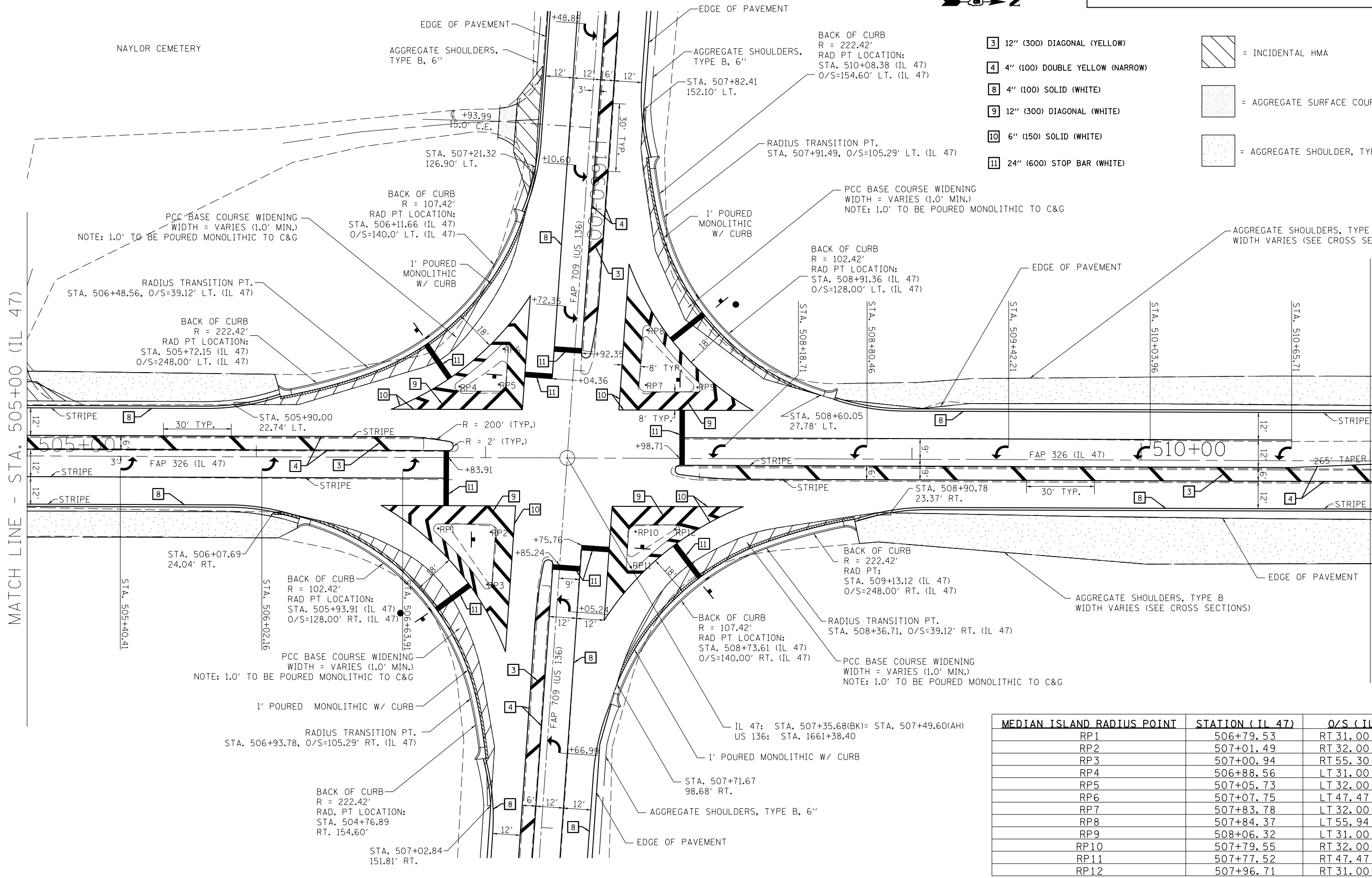
FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ei:\pw\work\p\dot\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
IL 47 & US 136**

SCALE: N/A SHEET 2 OF 9 SHEETS STA. ---- TO STA. ----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	203
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	



- 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 8 4" (100) SOLID (WHITE)
 - 9 12" (300) DIAGONAL (WHITE)
 - 10 6" (150) SOLID (WHITE)
 - 11 24" (600) STOP BAR (WHITE)
- [Hatched Pattern] = INCIDENTAL HMA
 - [Stippled Pattern] = AGGREGATE SURFACE COURSE, TYPE B
 - [Dotted Pattern] = AGGREGATE SHOULDER, TYPE B

MATCH LINE - STA. 505+00 (IL 47)

MATCH LINE - STA. 511+00 (IL 47)

MEDIAN ISLAND RADIUS POINT	STATION (IL 47)	O/S (IL 47)
RP1	506+79.53	RT 31.00
RP2	507+01.49	RT 32.00
RP3	507+00.94	RT 55.30
RP4	506+88.56	LT 31.00
RP5	507+05.73	LT 32.00
RP6	507+07.75	LT 47.47
RP7	507+83.78	LT 32.00
RP8	507+84.37	LT 55.94
RP9	508+06.32	LT 31.00
RP10	507+79.55	RT 32.00
RP11	507+77.52	RT 47.47
RP12	507+96.71	RT 31.00

FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED -
ce:\pw\work\p1dot\cealockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 10/10/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
IL 47 & US 136**

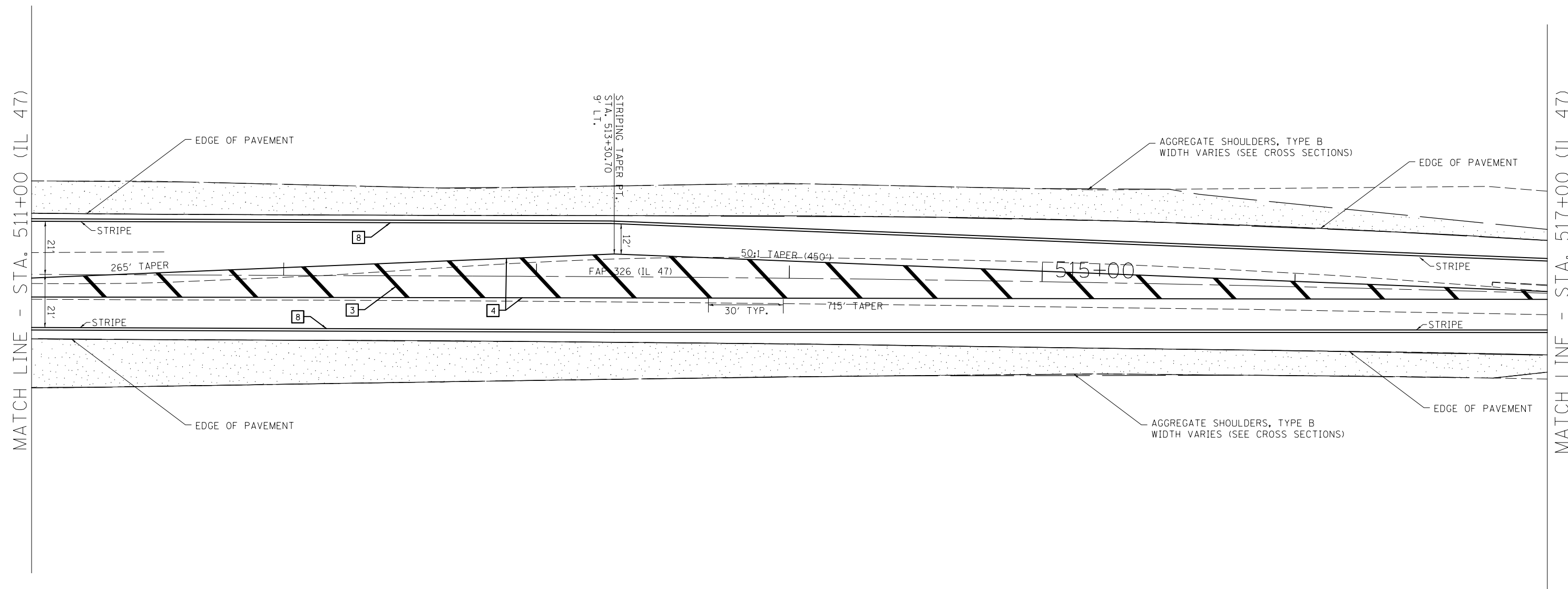
SCALE: N/A SHEET 3 OF 9 SHEETS STA. ---- TO STA. ----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	204
CONTRACT NO. 70844				
ILLINOIS FED. AID PROJECT				

- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 8 4" (100) SOLID (WHITE)



 = AGGREGATE SHOULDER, TYPE B



FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -
c:\pwwork\pwwork\ceerlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

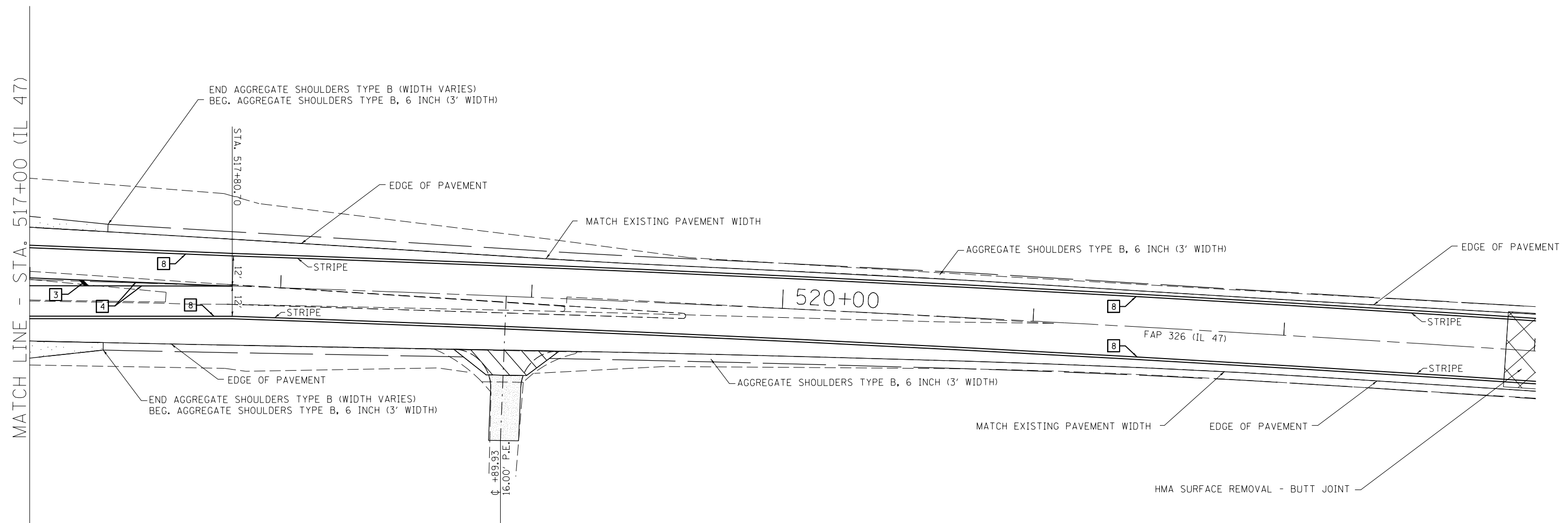
**INTERSECTION DETAILS
IL 47 & US 136**

SCALE: N/A SHEET 4 OF 9 SHEETS STA. ---- TO STA. ----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	205
				CONTRACT NO. 70844
ILLINOIS FED. AID PROJECT				

- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 8 4" (100) SOLID (WHITE)

-  = INCIDENTAL HMA
-  = AGGREGATE SURFACE COURSE, TYPE B
-  = AGGREGATE SHOULDER, TYPE B



FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -
ei:\pwwork\pwwork\ceerlockbm\d0187612\0870844-sht-details.dgn	70844-sht-details.dgn	DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
IL 47 & US 136**

SCALE: N/A SHEET 5 OF 9 SHEETS STA. ---- TO STA. ----


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	206
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

PCC BASE COURSE WIDENING OFFSET TABLE (LT. SIDE)

ROUTE		STATION	OUTSIDE EDGE OF PCC BASE COURSE WIDENING O/S
FAP 709 (US 136)	LT.	1651+00.00	13.56
FAP 709 (US 136)	LT.	1651+25.00	13.70
FAP 709 (US 136)	LT.	1651+50.00	13.85
FAP 709 (US 136)	LT.	1651+75.00	13.99
FAP 709 (US 136)	LT.	1652+00.00	14.13
FAP 709 (US 136)	LT.	1652+25.00	14.48
FAP 709 (US 136)	LT.	1652+50.00	14.82
FAP 709 (US 136)	LT.	1652+75.00	15.17
FAP 709 (US 136)	LT.	1653+00.00	15.52
FAP 709 (US 136)	LT.	1653+25.00	16.02
FAP 709 (US 136)	LT.	1653+50.00	16.52
FAP 709 (US 136)	LT.	1653+75.00	17.02
FAP 709 (US 136)	LT.	1654+00.00	17.52
FAP 709 (US 136)	LT.	1654+07.00	17.76


NOTES:


- PCC BASE COURSE WIDENING TABLES ARE PROVIDED FOR REFERENCE. FIELD ADJUSTMENTS MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

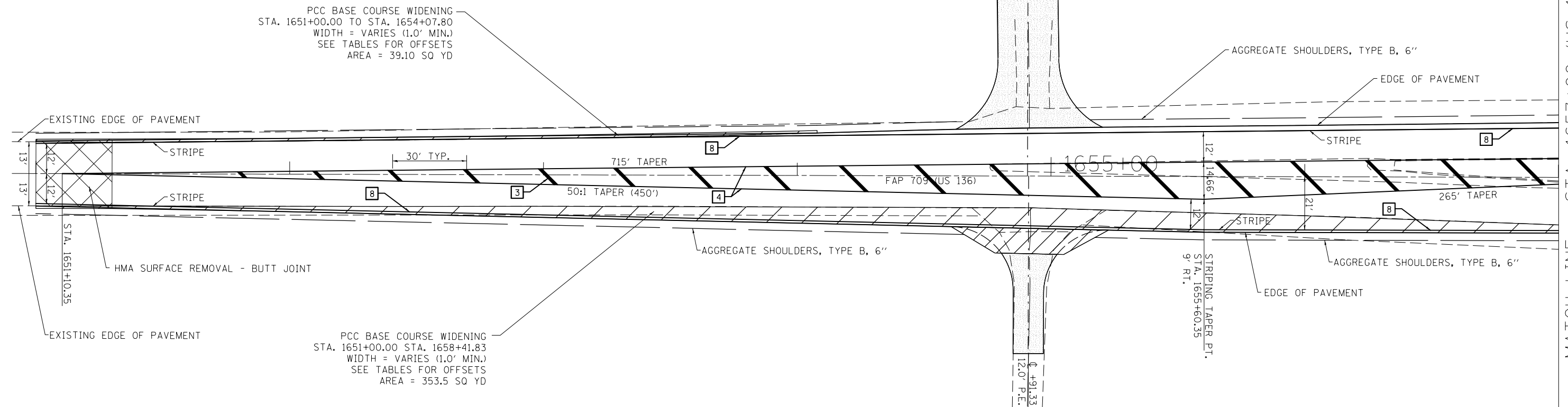
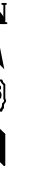
 = INCIDENTAL HMA

 = AGGREGATE SURFACE COURSE, TYPE B

 12" (300) DIAGONAL (YELLOW)

 4" (100) DOUBLE YELLOW (NARROW)

 4" (100) SOLID (WHITE)



PCC BASE COURSE WIDENING OFFSET TABLE (RT. SIDE)

ROUTE		STATION	OUTSIDE EDGE OF PCC BASE COURSE WIDENING O/S
FAP 709 (US 136)	RT.	1651+00.00	13.73
FAP 709 (US 136)	RT.	1651+25.00	13.72
FAP 709 (US 136)	RT.	1651+50.00	14.03
FAP 709 (US 136)	RT.	1651+75.00	14.41
FAP 709 (US 136)	RT.	1652+00.00	14.80
FAP 709 (US 136)	RT.	1652+25.00	15.30
FAP 709 (US 136)	RT.	1652+50.00	15.80
FAP 709 (US 136)	RT.	1652+75.00	16.30
FAP 709 (US 136)	RT.	1653+00.00	16.80
FAP 709 (US 136)	RT.	1653+25.00	17.30
FAP 709 (US 136)	RT.	1653+50.00	17.80
FAP 709 (US 136)	RT.	1653+75.00	18.30
FAP 709 (US 136)	RT.	1654+00.00	18.80
FAP 709 (US 136)	RT.	1654+25.00	19.30
FAP 709 (US 136)	RT.	1654+50.00	19.80

PCC BASE COURSE WIDENING OFFSET TABLE (RT. SIDE)

ROUTE		STATION	OUTSIDE EDGE OF PCC BASE COURSE WIDENING O/S
FAP 709 (US 136)	RT.	1654+75.00	20.30
FAP 709 (US 136)	RT.	1655+00.00	20.80
FAP 709 (US 136)	RT.	1655+25.00	21.30
FAP 709 (US 136)	RT.	1655+50.00	21.80
FAP 709 (US 136)	RT.	1655+75.00	22.00
FAP 709 (US 136)	RT.	1656+00.00	22.00
FAP 709 (US 136)	RT.	1656+25.00	22.00
FAP 709 (US 136)	RT.	1656+50.00	22.00
FAP 709 (US 136)	RT.	1656+75.00	22.00
FAP 709 (US 136)	RT.	1657+00.00	22.00
FAP 709 (US 136)	RT.	1657+25.00	22.00
FAP 709 (US 136)	RT.	1657+50.00	22.00
FAP 709 (US 136)	RT.	1657+75.00	22.00
FAP 709 (US 136)	RT.	1658+00.00	22.24
FAP 709 (US 136)	RT.	1658+25.00	22.71
FAP 709 (US 136)	RT.	1658+41.83	23.00

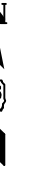
FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ei:\pwork\pwork\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION




INTERSECTION DETAILS			
IL 47 & US 136			
SCALE: N/A	SHEET 6	OF 9 SHEETS	STA. ---- TO STA. ----

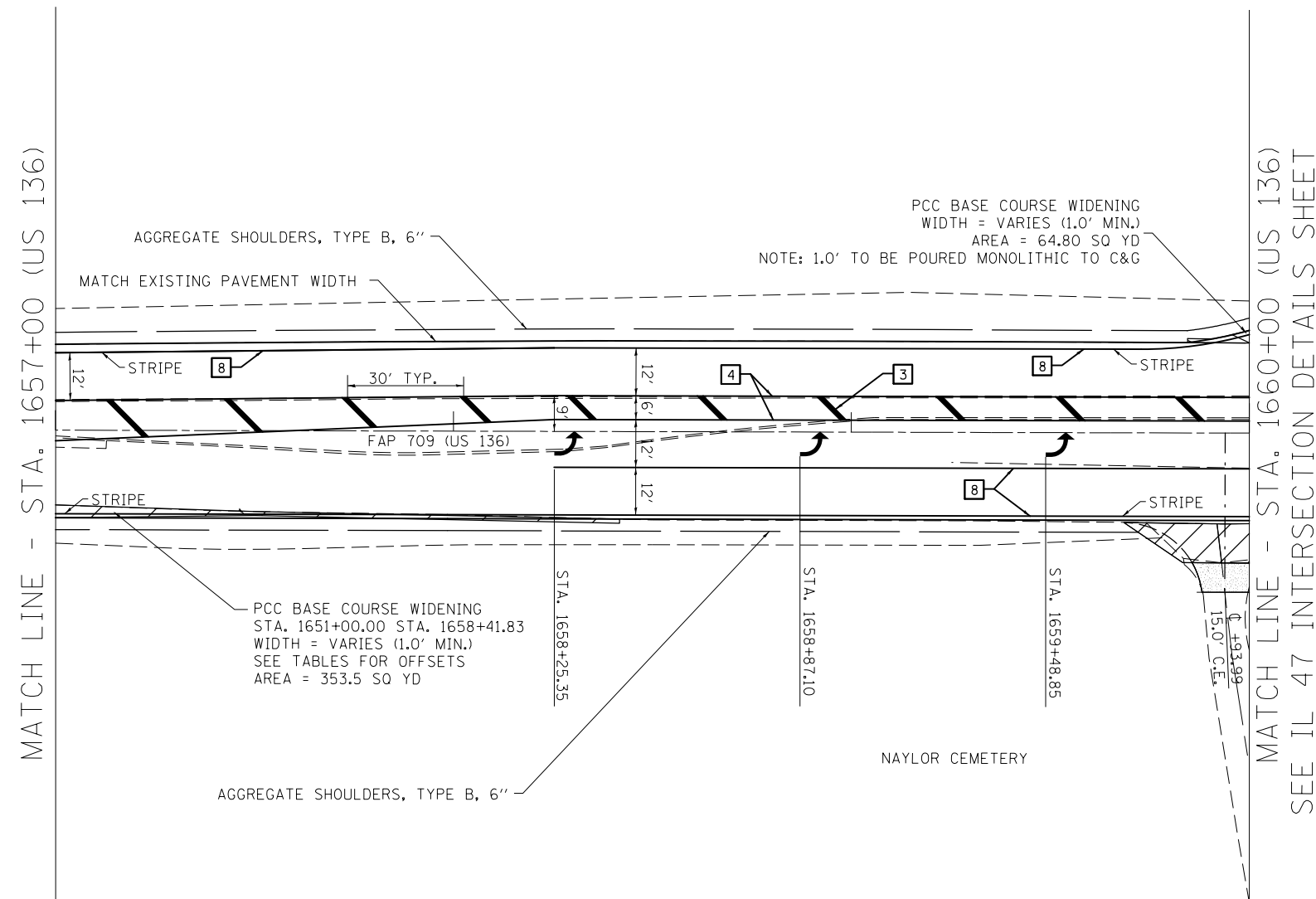
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	207
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

MATCH LINE - STA. 1657+00 (US 136)



-  = INCIDENTAL HMA
-  = AGGREGATE SURFACE COURSE, TYPE B

-  12" (300) DIAGONAL (YELLOW)
-  4" (100) DOUBLE YELLOW (NARROW)
-  4" (100) SOLID (WHITE)

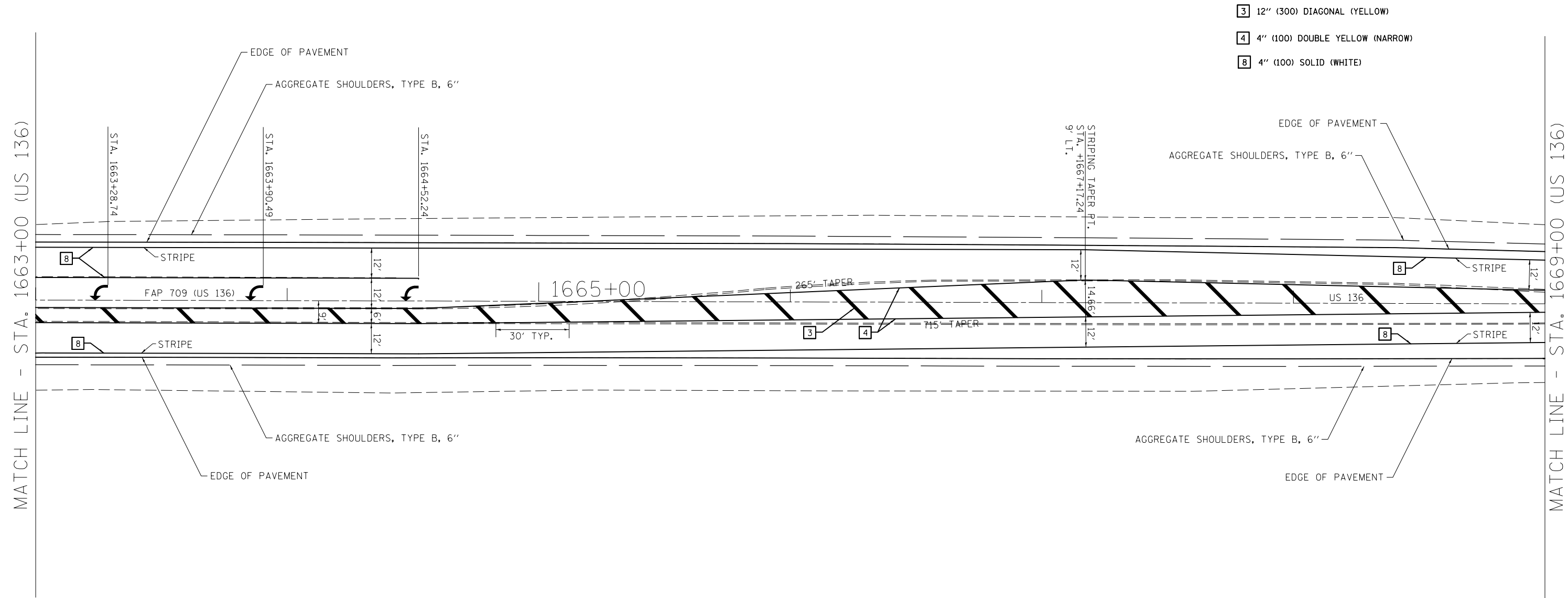


FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
et:\pw\work\p\dot\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAILS IL 47 & US 136			
SCALE: N/A	SHEET 7	OF 9 SHEETS	STA. ---- TO STA. ----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	208
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70844	





FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -
c:\pwwork\pwwork\ceerlockbm\d0187612\0970844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**INTERSECTION DETAILS
IL 47 & US 136**

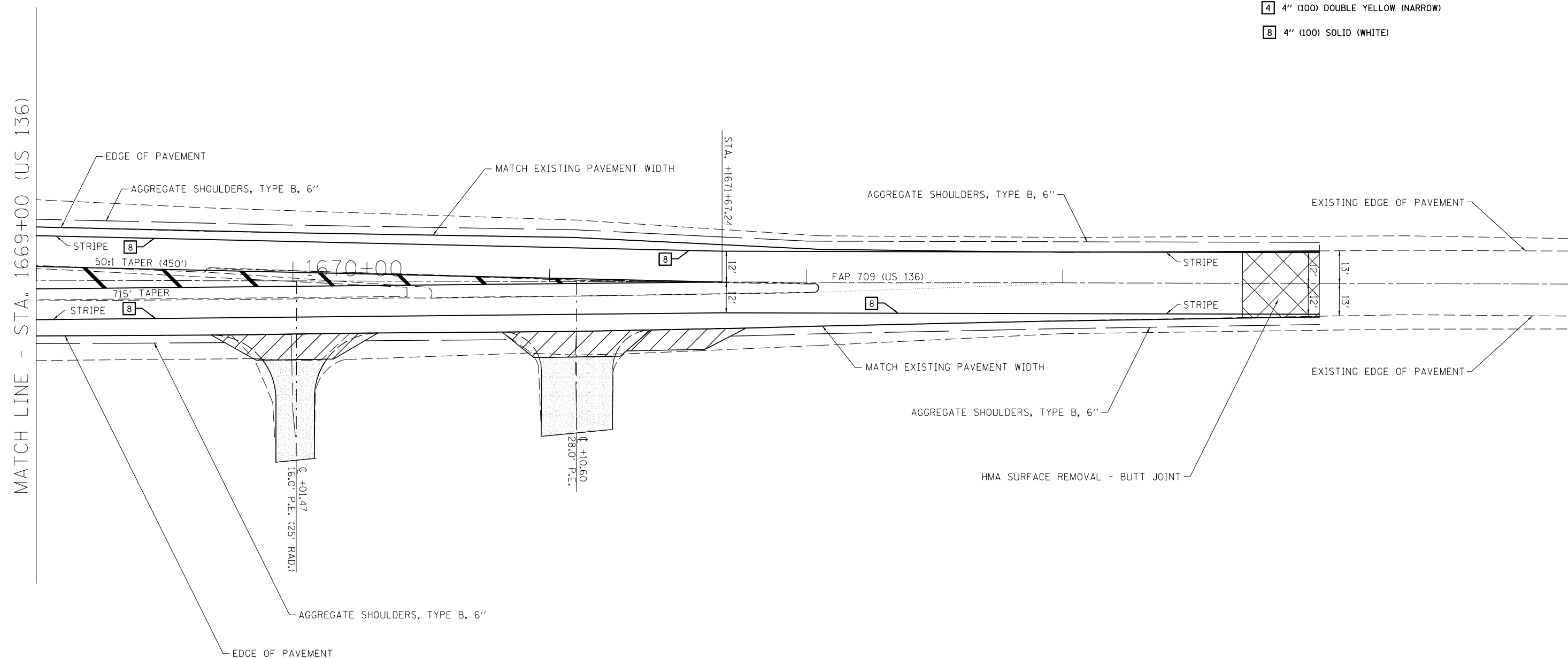
SCALE: N/A SHEET 8 OF 9 SHEETS STA. ---- TO STA. ----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	209
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

 = INCIDENTAL HMA
 = AGGREGATE SURFACE COURSE, TYPE B



 12" (300) DIAGONAL (YELLOW)
 4" (100) DOUBLE YELLOW (NARROW)
 4" (100) SOLID (WHITE)



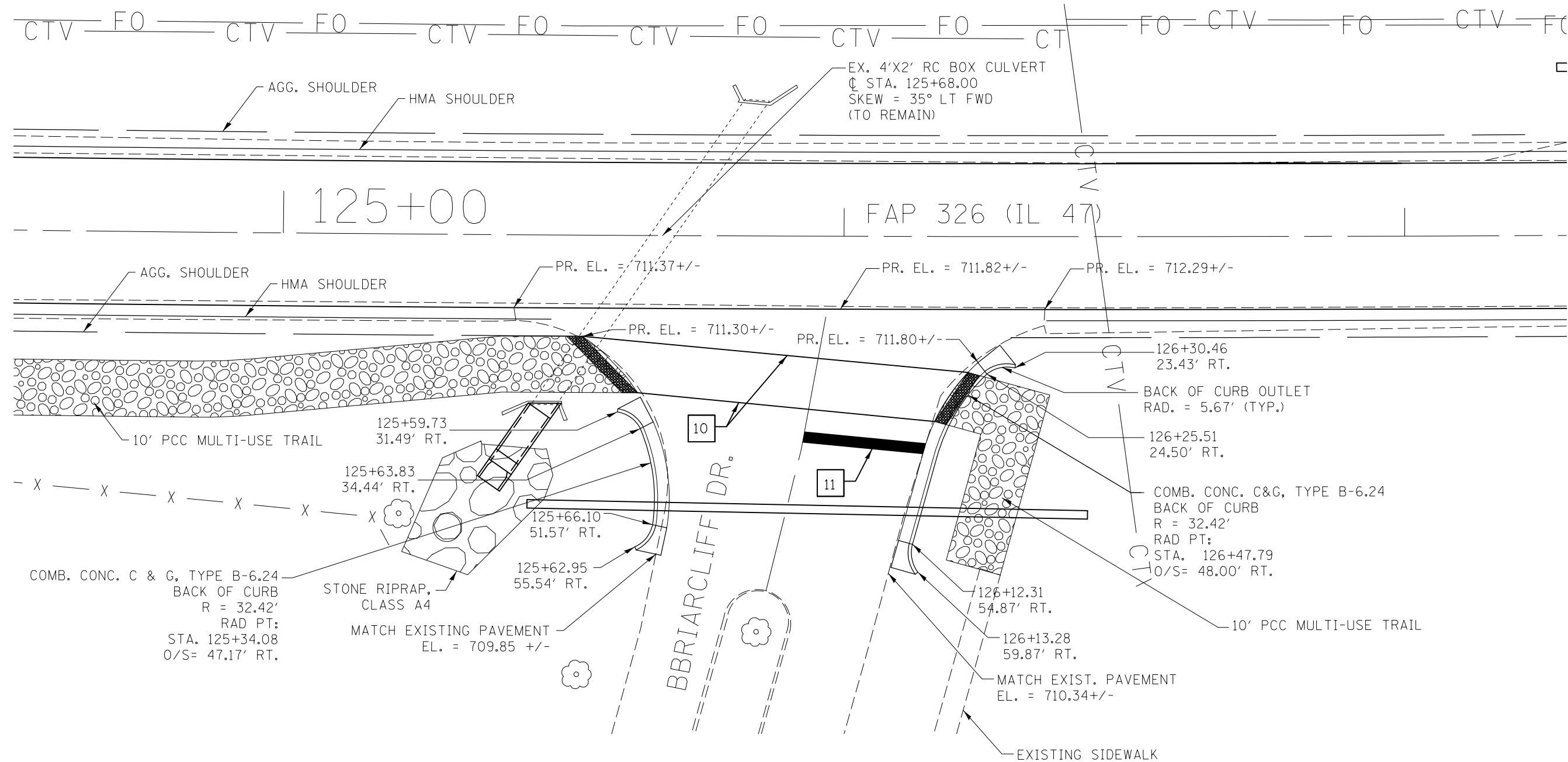
FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ci:\pwork\pwork\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
IL 47 & US 136**

SCALE: N/A SHEET 9 OF 9 SHEETS STA. ---- TO STA. ----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	210
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70844	



10 6" (150) SOLID (WHITE)

11 24" (600) STOP BAR (WHITE)

NOTES:

1. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 SHALL BE USED.
2. PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 GRADES SHALL MATCH BRIARCLIFF DR. ROADWAY PROFILE AFTER INCIDENTAL SURFACING.

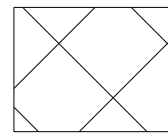
FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
et:\pwork\pwork\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN BMC	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

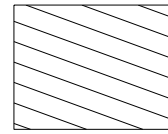
INTERSECTION CURB DETAILS
BRIARCLIFF DR.

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. ----- TO STA. -----

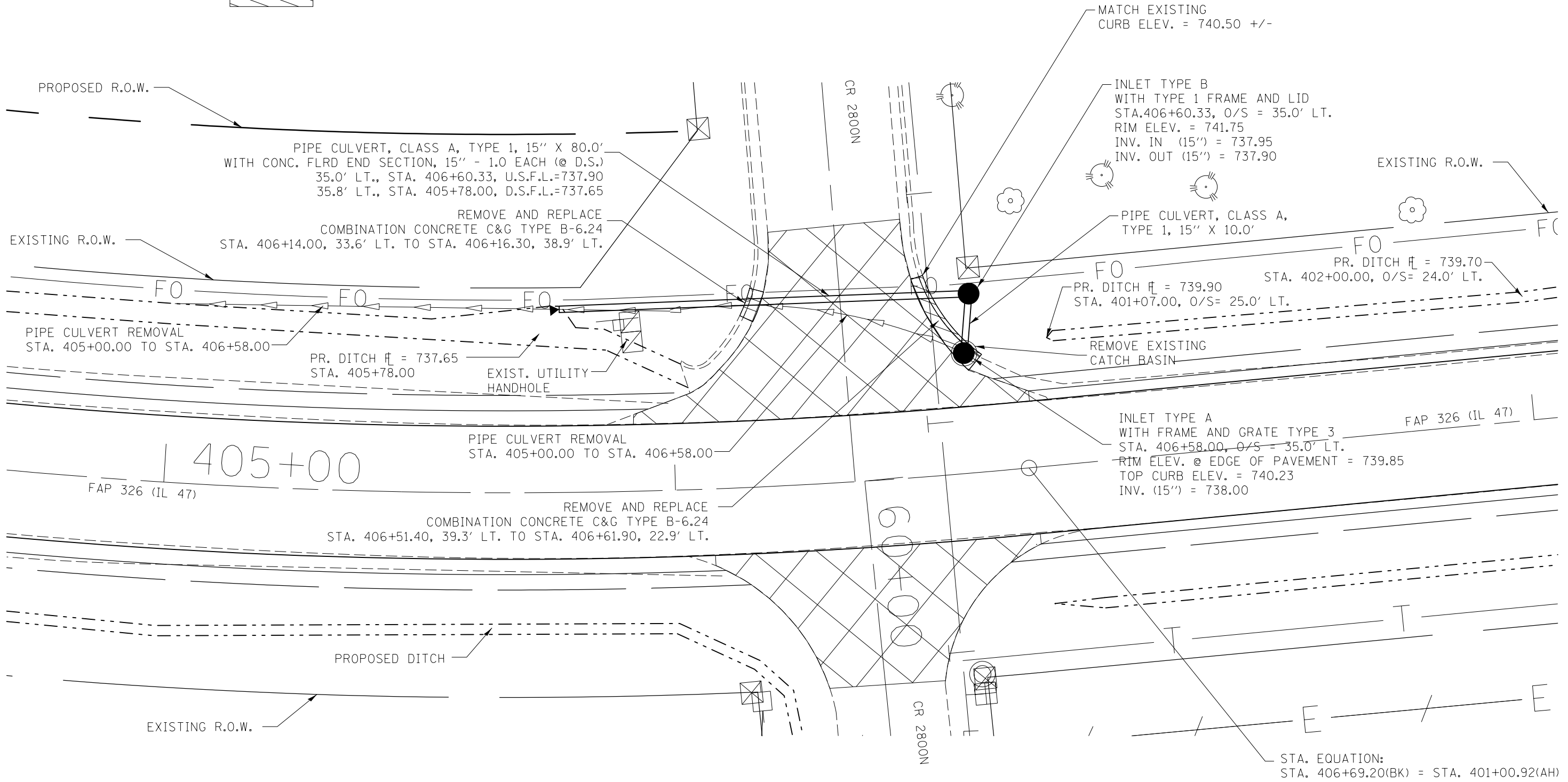
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	211
CONTRACT NO. 70844				
ILLINOIS FED. AID PROJECT				



= HMA SURFACE REMOVAL - BUTT JOINT



= COMBINATION CURB & GUTTER REMOVAL



FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
ci:\pwork\work\pwork\ceorlockbm\d0187612\0970844-sht-details.dgn		DRAWN BMC	REVISED -
\$MODELNAME\$	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

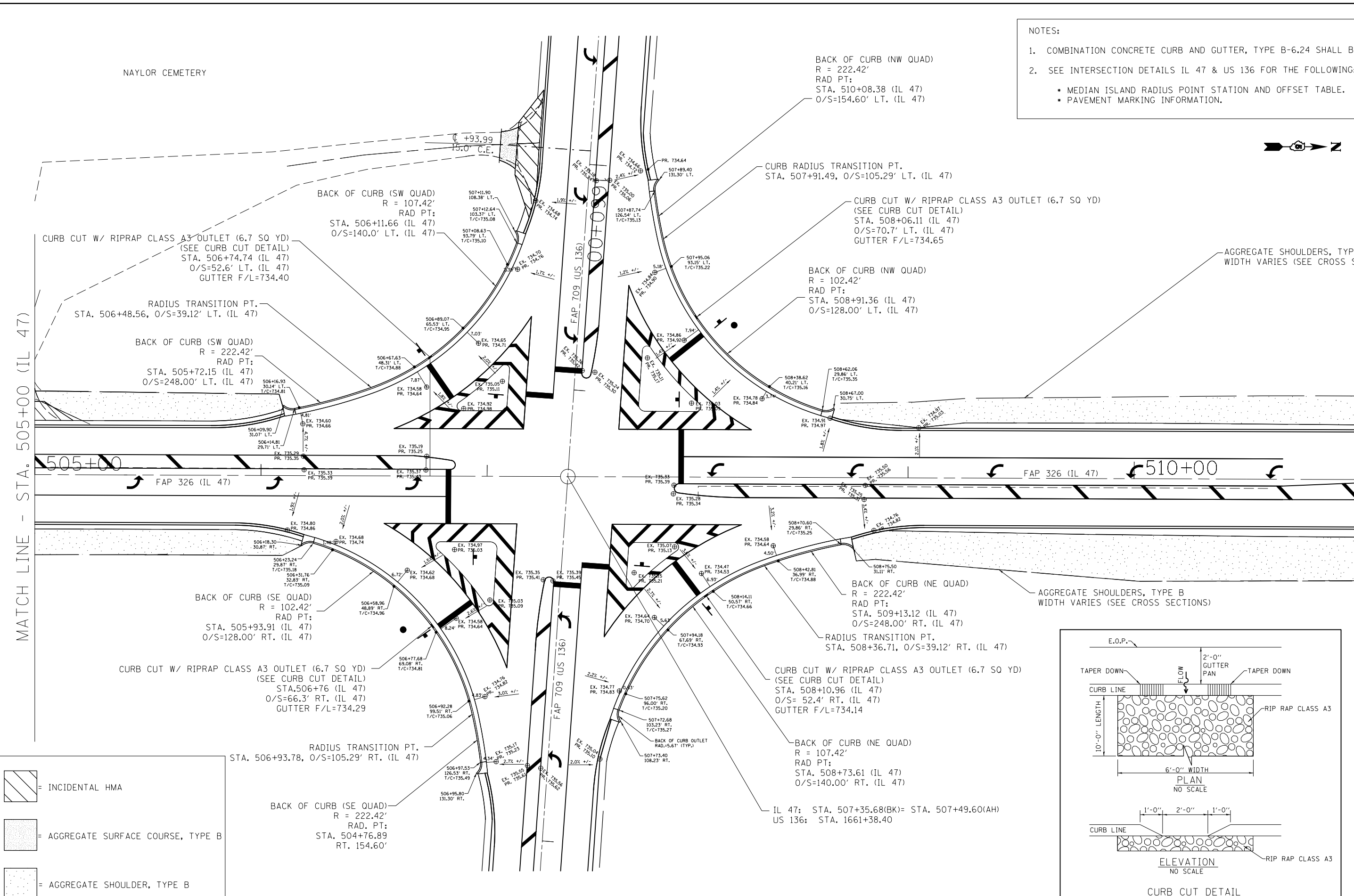
**INTERSECTION DETAIL
CR 2800N**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	212
CONTRACT NO. 70844				
ILLINOIS FED. AID PROJECT				

NOTES:

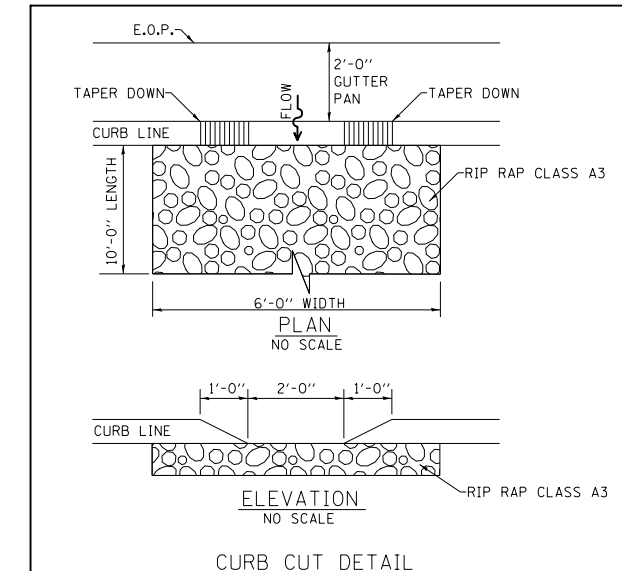
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 SHALL BE USED.
- SEE INTERSECTION DETAILS IL 47 & US 136 FOR THE FOLLOWING:
 - MEDIAN ISLAND RADIUS POINT STATION AND OFFSET TABLE.
 - PAVEMENT MARKING INFORMATION.



INCIDENTAL HMA

AGGREGATE SURFACE COURSE, TYPE B

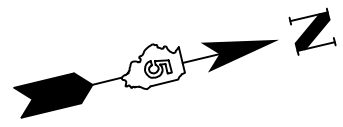
AGGREGATE SHOULDER, TYPE B



FILE NAME =	USER NAME = cealockbm	DESIGNED BMC	REVISED -
ei:\pw\work\p1dot\cealockbm\d0187612\0870844-sht-details.dgn		DRAWN BMC	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -

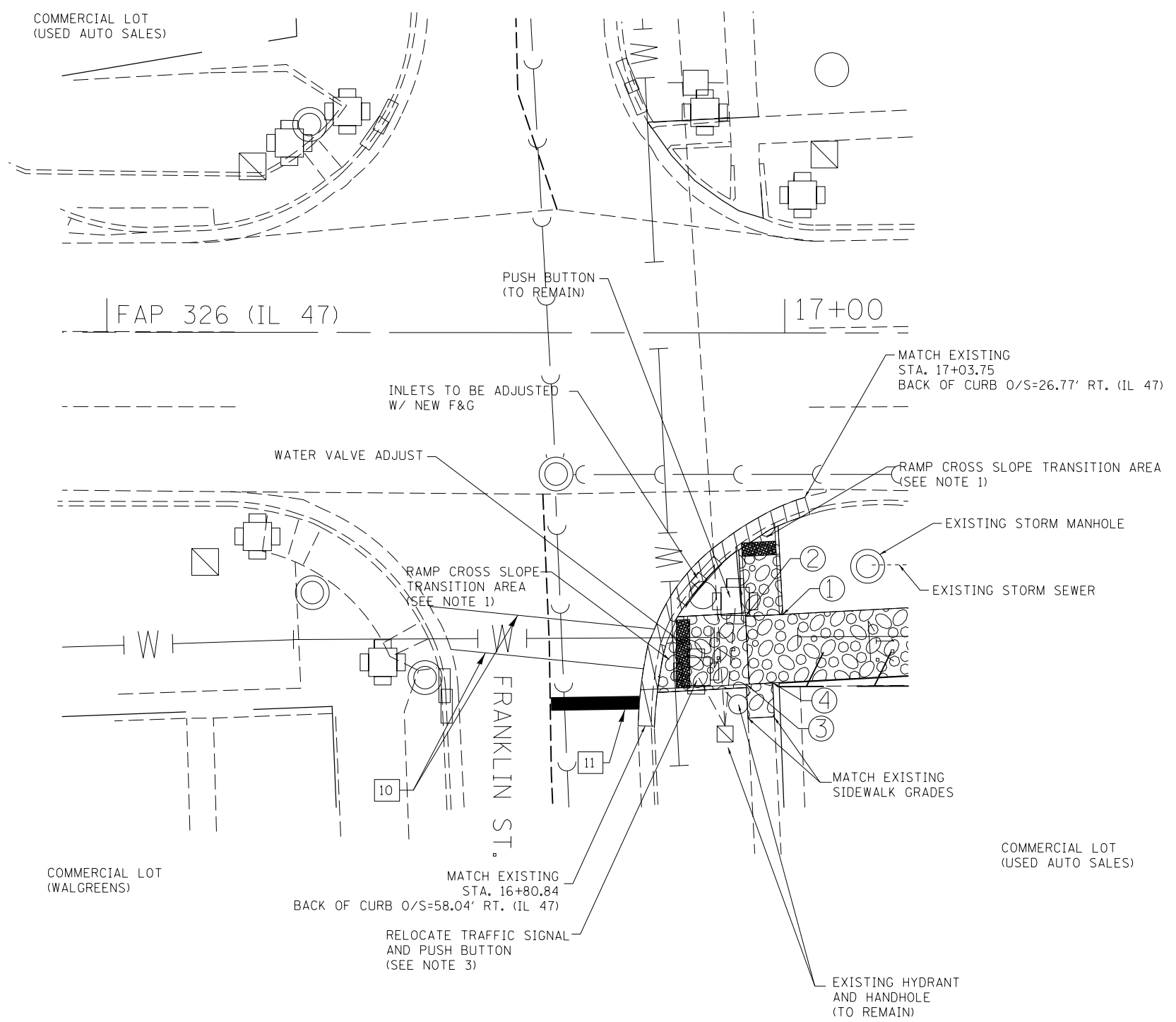
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION CURB DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL 47 & US 136		326	136RS-3, CR & (10-4)RS-1	Champaign	474	213
SCALE: 1" = 40'		SHEET 1 OF 1 SHEETS		STA. 250+31.00 TO STA. 250+31.00		CONTRACT NO. 70844
ILLINOIS FED. AID PROJECT						



COMMERCIAL LOT
(GAS STATION)

COMMERCIAL LOT
(USED AUTO SALES)



NOTES:

1. FOR THE 10' WIDE MULTI-USE TRAIL RAMP, THE AREA BETWEEN THE TRUNCATED DOMES AND THE CURB AND GUTTER SHALL BE USED TO TRANSITION FROM THE 2% RAMP CROSS SLOPE TO A SLOPE THAT MATCHES THE EXISTING PROFILE GRADE ALONG FRANKLIN ST. EDGE OF PAVEMENT.
2. SEE HIGHWAY STANDARD 424001 FOR ADDITIONAL RAMP DETAILS.
3. SEE TRAFFIC SIGNAL MODERNIZATION DETAIL (FRANKLIN ST.) MULTI-USE TRAIL - 1 FOR SIGNAL WORK DETAILS AND QUANTITIES.



= COMBINATION CONCRETE CURB AND GUTTER REMOVAL
(TO BE REPLACED "IN KIND" AND TO MATCH EXISTING ROADWAY EDGE OF PAVEMENT GRADES)

POINT	IL 47 STATION	IL 47 OFFSET	DESCRIPTION	ELEVATION
1	16+99.75	RT 41.55'	PROPOSED TRAIL GRADE	693.54
2	16+94.24	RT 41.84'	PROPOSED TRAIL GRADE	693.42
3	16+94.39	RT 51.85'	PROPOSED TRAIL GRADE	693.46
4	16+98.27	RT 51.64'	PROPOSED TRAIL GRADE	693.54

10 6" (150) SOLID (WHITE)

11 24" (600) STOP BAR (WHITE)

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ce:\pw\work\p\id\ceorlockbm\d0187612\0970844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

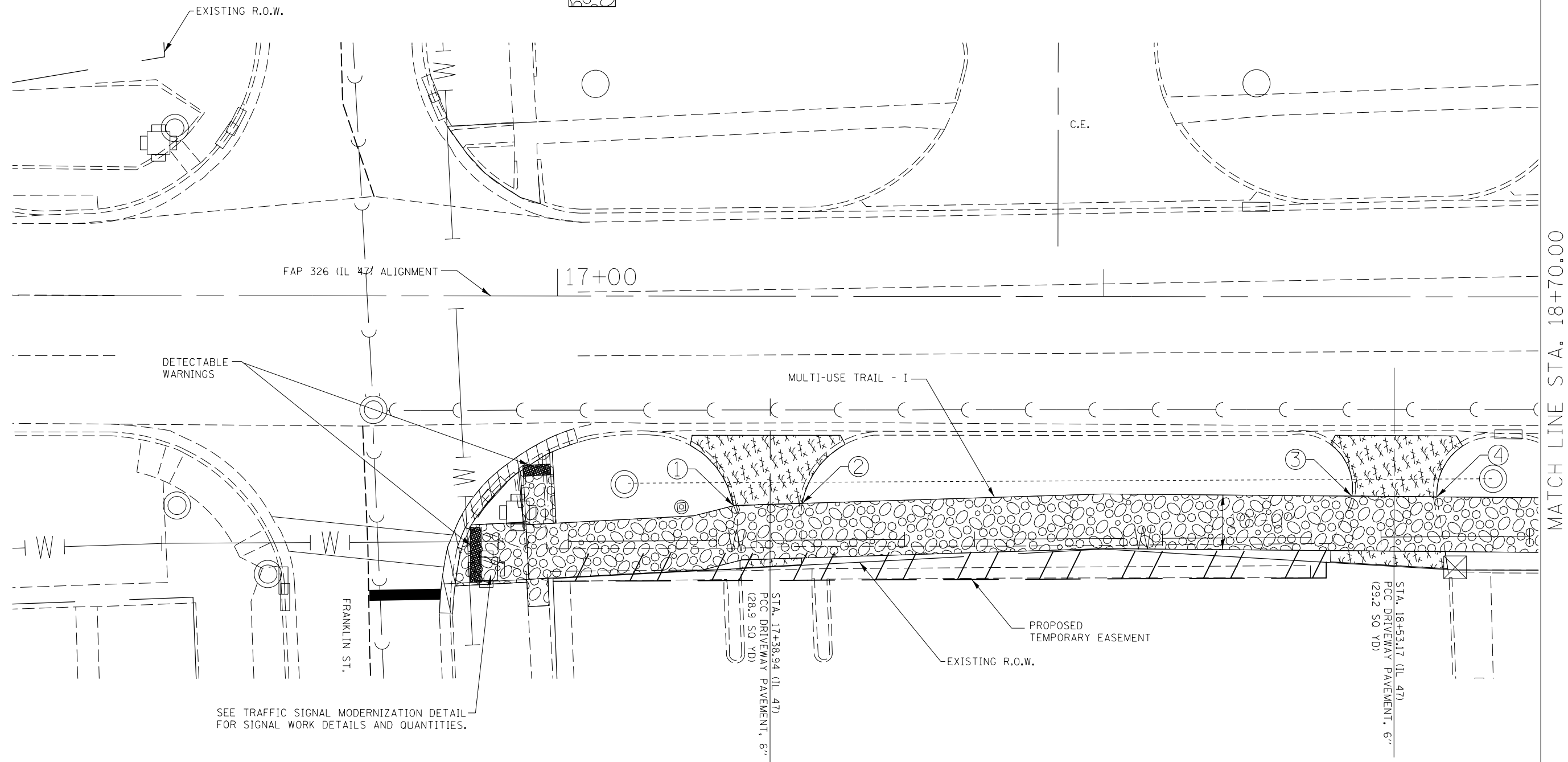
RAMP DETAIL - FRANKLIN ST.

SCALE: 1"=20' SHEET 01 OF 01 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	214
CONTRACT NO. 70844				
ILLINOIS FED. AID PROJECT				

 = PCC DRIVEWAY PAVEMENT, 8"

 = PCC SIDEWALK, 5"



LOCATION	STATION (IL 47 ALIGNMENT)	O/S (IL 47 ALIGNMENT)	PROPOSED TRAIL ELEVATION	STATION (TRAIL ALIGNMENT)
1	17+32.46	38.28' RT	694.29	3000+38.49
2	17+44.82	37.89' RT	694.36	3000+50.86
3	18+45.43	36.49 RT	697.14	3001+51.50
4	18+61.02	36.60 RT	697.46	3001+67.09

NOTE: SEE PLAN AND PROFILE SHEETS OR SEE ALSO ALIGNMENTS, ALIGNMENT TIES, AND BENCHMARKS PLAN SHEETS FOR TRAIL - I ALIGNMENT DATA.

FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED -
ce:\pw\work\p\dot\cealockbm\d0187612\0970844-sht-details.dgn		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MULTI-USE TRAIL - I
ENTRANCE CROSSING DETAILS

SCALE: 1" = 20' SHEET 01 OF 02 SHEETS STA. 16+00.00 TO STA. 18+70.00

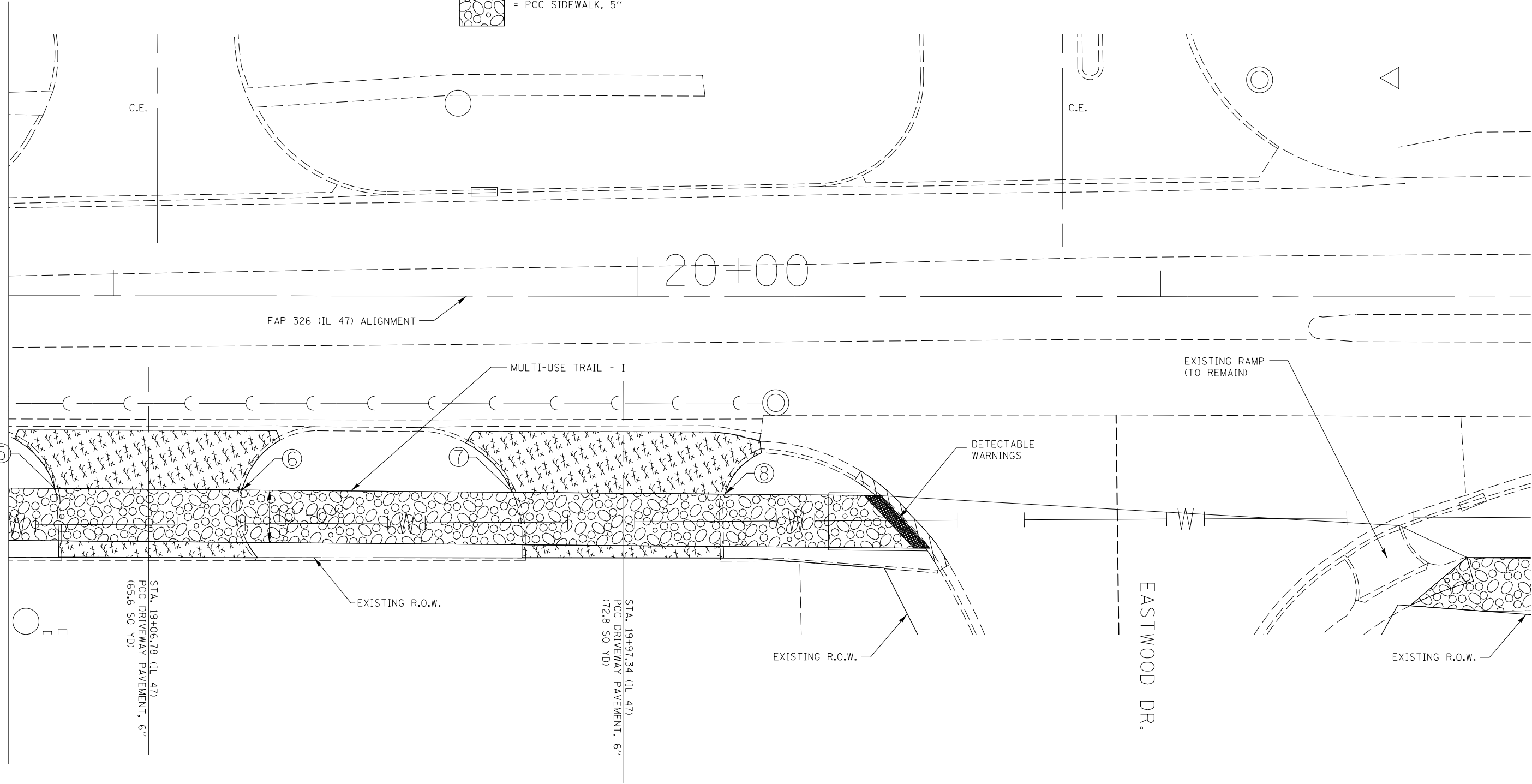
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	215
CONTRACT NO. 70844				
ILLINOIS FED. AID PROJECT				

 = PCC DRIVEWAY PAVEMENT, 8"

 = PCC SIDEWALK, 5"



MATCH LINE STA. 18+70.00



NOTE: SEE PLAN AND PROFILE SHEETS OR SEE ALSO ALIGNMENTS, ALIGNMENT TIES, AND BENCHMARKS PLAN SHEETS FOR TRAIL - I ALIGNMENT DATA.

LOCATION	STATION (IL 47 ALIGNMENT)	O/S (IL 47 ALIGNMENT)	PROPOSED TRAIL ELEVATION	STATION (TRAIL ALIGNMENT)
5	18+88.87	36.81' RT	698.64	3001+94.94
6	19+24.62	37.08' RT	699.56	3002+30.69
7	19+76.28	37.48' RT	700.33	3002+82.35
8	20+16.85	37.79' RT	701.68	3003+22.93

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -
ce:\pw\work\p\idot\ceerlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

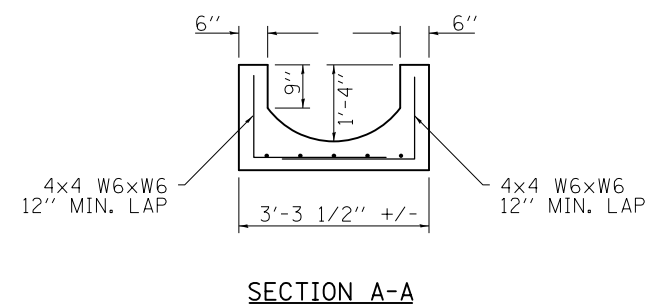
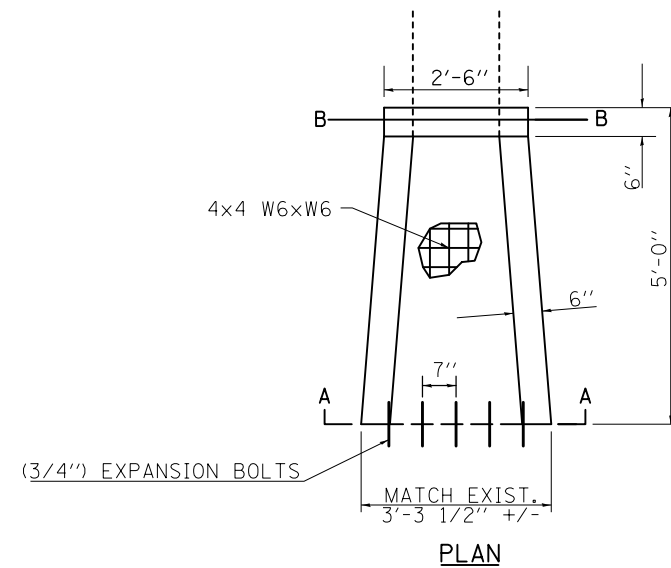
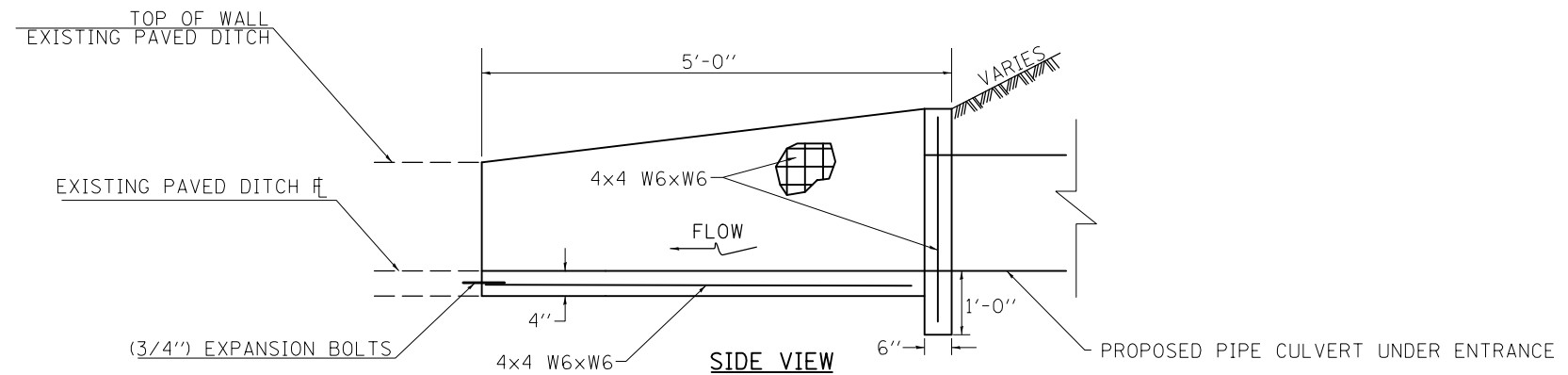
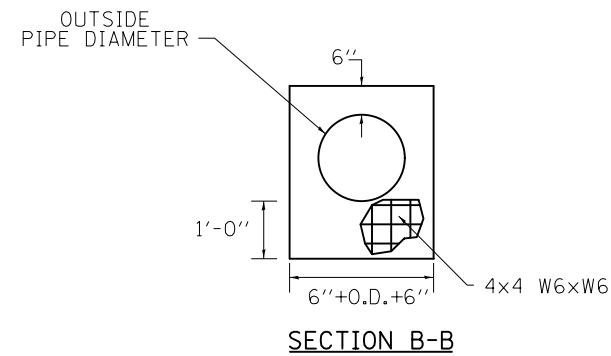
**MULTI-USE TRAIL - I
ENTRANCE CROSSING DETAILS**

SCALE: 1" = 20' SHEET 01 OF 02 SHEETS STA. 18+70.00 TO STA. 20+70.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	216
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

TRANSITION FROM PIPE CULVERT TO EXISTING PAVED DITCH DETAIL

LOCATION #1 – STA. 99 + 17.94 (C.E.)



DOWN STREAM END
OF PIPE CULVERT AT ENTRANCE

SCHEDULE OF QUANTITIES

LOCATION	DESCRIPTION	PIPE SIZE	54002060 EXPANSION BOLTS, 3/4 INCH X 12 INCH (EACH)	61100605 MISCELLANEOUS CONCRETE (CU YD)	44004000 PAVED DITCH REMOVAL (FOOT)	4 X 4 W6 X W6 (SQ FT)
#1 - STA. 99+17.94	PIPE CULVERT FOR C.E.	18"	5.0	1.0	*	43.0

* NOTE: SEE REMOVAL SCHEDULES FOR PAVED DITCH REMOVAL QTY.

GENERAL NOTES:

- CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
- FIELD CONDITIONS MAY VARY. ADJUST AS REQUIRED PER THE ENGINEER.
- COST OF WELDED WIRE FABRIC SHALL BE INCIDENTAL TO THE COST OF THE MISCELLANEOUS CONCRETE PAY ITEM QUANTITY.

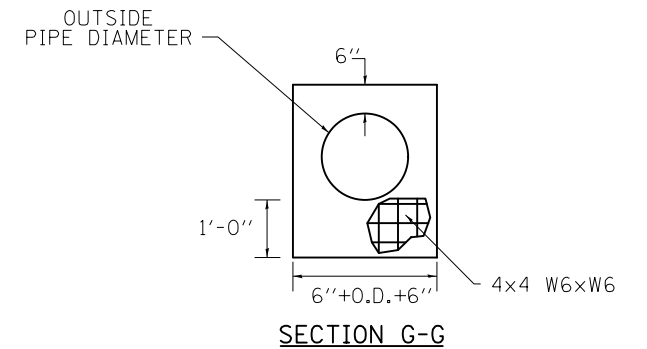
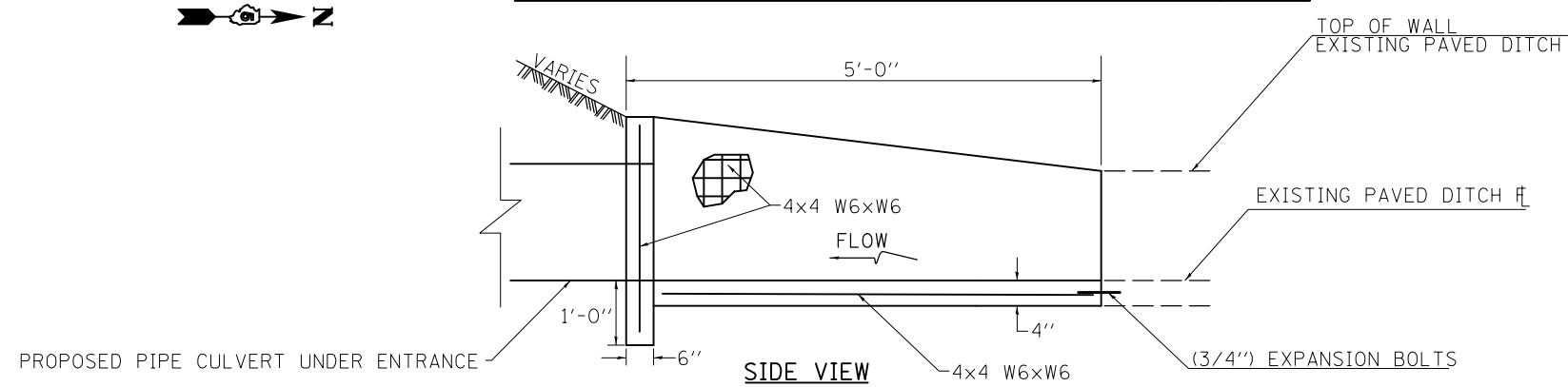
NOTE: PAVED DITCH AT UPSTREAM END OF PIPE CULVERT WILL BE REMOVED AND REPLACED WITH RIPRAP CLASS A3. NO PAVED DITCH TRANSITION DETAIL REQUIRED HERE.

UP STREAM END
OF PIPE CULVERT AT ENTRANCE

FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRANSITION FROM PIPE CULVERT TO EXISTING PAVED DITCH DETAIL - LOCATION #1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ce:\pw\work\p\dot\cealockbm\d0187612\0870844-sht-details.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	217	
MODELNAME	PLOT DATE = 10/10/2014	CHECKED -	REVISED -			CONTRACT NO. 70844					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TRANSITION FROM PIPE CULVERT TO EXISTING PAVED DITCH DETAIL

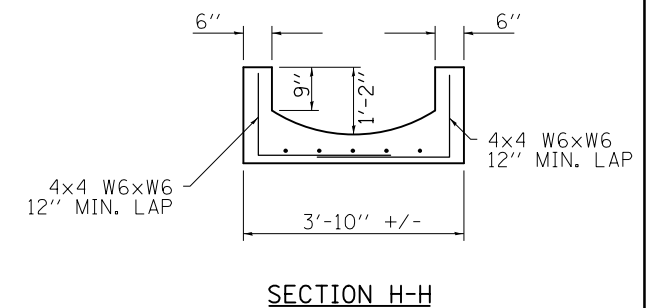
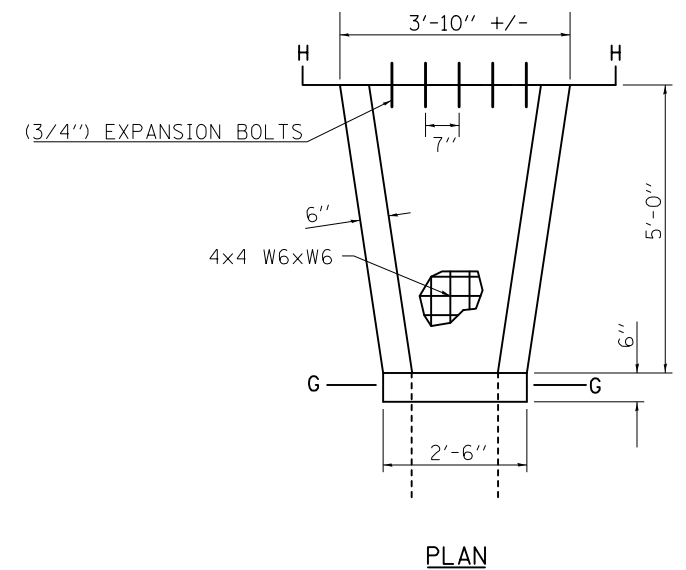
LOCATION #2 – STA. 99 + 90.22 (P.E.)



SCHEDULE OF QUANTITIES

LOCATION	DESCRIPTION	PIPE SIZE	54002060 EXPANSION BOLTS, 3/4 INCH X 12 INCH (EACH)	61100605 MISCELLANEOUS CONCRETE (CU YD)	44004000 PAVED DITCH REMOVAL (FOOT)	4 X 4 W6 X W6 (SQ FT)
#2 - STA. 99+90.22	PIPE CULVERT FOR P. E.	18"	5.0	1.0	*	43.0

* NOTE: SEE REMOVAL SCHEDULES FOR PAVED DITCH REMOVAL QTY.



UP STREAM END
OF PIPE CULVERT AT ENTRANCE

DOWNSTREAM END
OF PIPE CULVERT AT ENTRANCE

GENERAL NOTES:

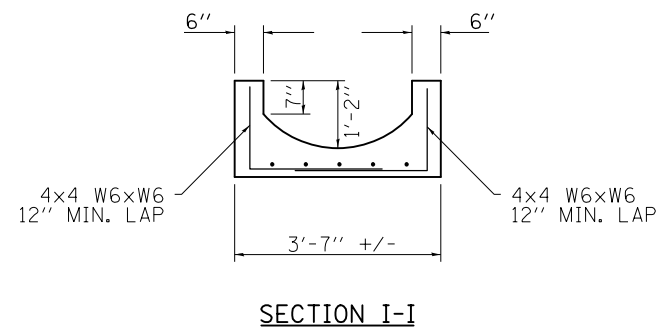
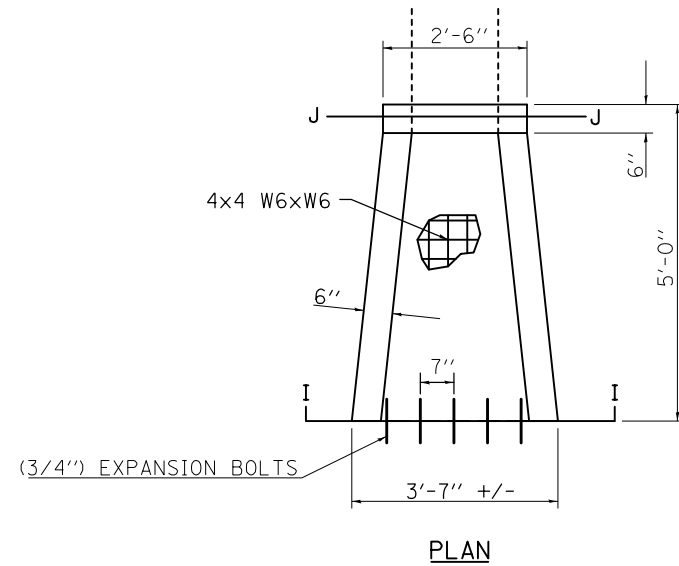
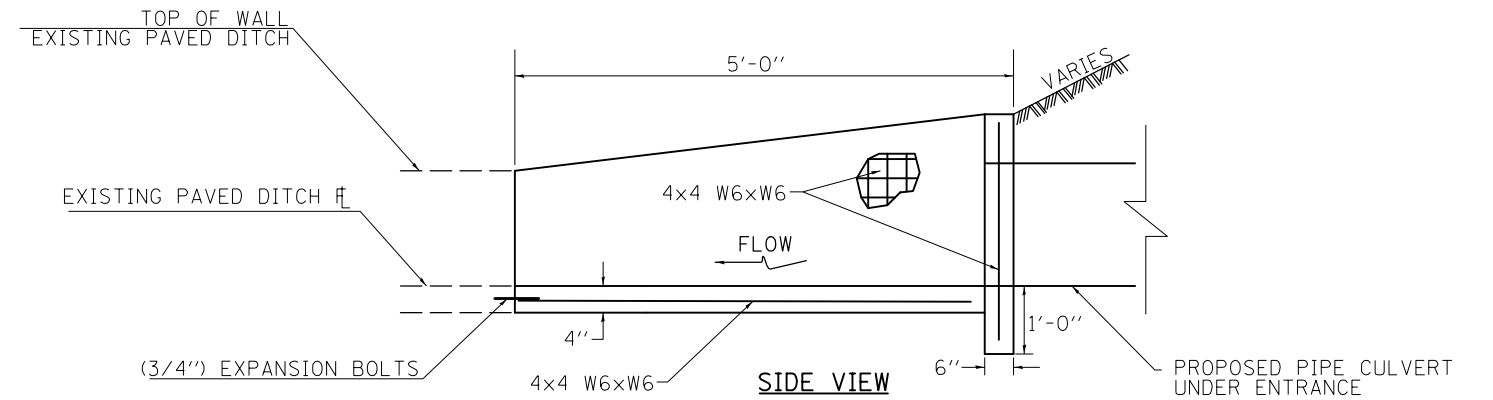
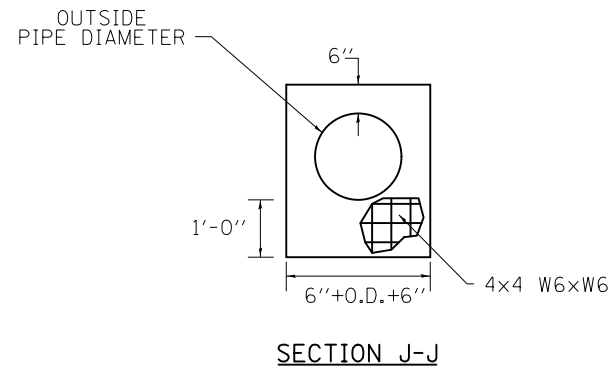
1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. FIELD CONDITONS MAY VARY. ADJUST AS REQUIRED PER THE ENGINEER.
3. COST OF WELDED WIRE FABRIC SHALL BE INCIDENTAL TO THE COST OF THE MISCELANEOUS CONCRETE PAY ITEM QUANTITY.

NOTE: PAVED DITCH AT DOWNSTREAM END OF PIPE CULVERT WILL BE REMOVED AND REPLACED WITH RIPRAP CLASS A3 NO PAVED DITCH TRANSITION DETAIL REQUIRED HERE.

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRANSITION FROM PIPE CULVERT TO EXISTING PAVED DITCH DETAIL - LOCATION #2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\id\ceerlockbm\d0187612\08	70844-sht-details.dgn	DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	218	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70844					
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TRANSITION FROM PIPE CULVERT TO EXISTING PAVED DITCH DETAIL

LOCATION #3 – STA. 102+82.22 (C.E.)



DOWN STREAM END
OF PIPE CULVERT AT ENTRANCE

SCHEDULE OF QUANTITIES

LOCATION	DESCRIPTION	PIPE SIZE	54002060 EXPANSION BOLTS, 3/4 INCH X 12 INCH (EACH)	61100605 MISCELLANEOUS CONCRETE (CU YD)	44004000 PAVED DITCH REMOVAL (FOOT)	4 X 4 W6 X W6 (SQ FT)
#3 - STA. 102+82.22	PIPE CULVERT FOR C.E.	18"	5.0	1.0	*	43.0

* NOTE: SEE REMOVAL SCHEDULES FOR PAVED DITCH REMOVAL QTY.

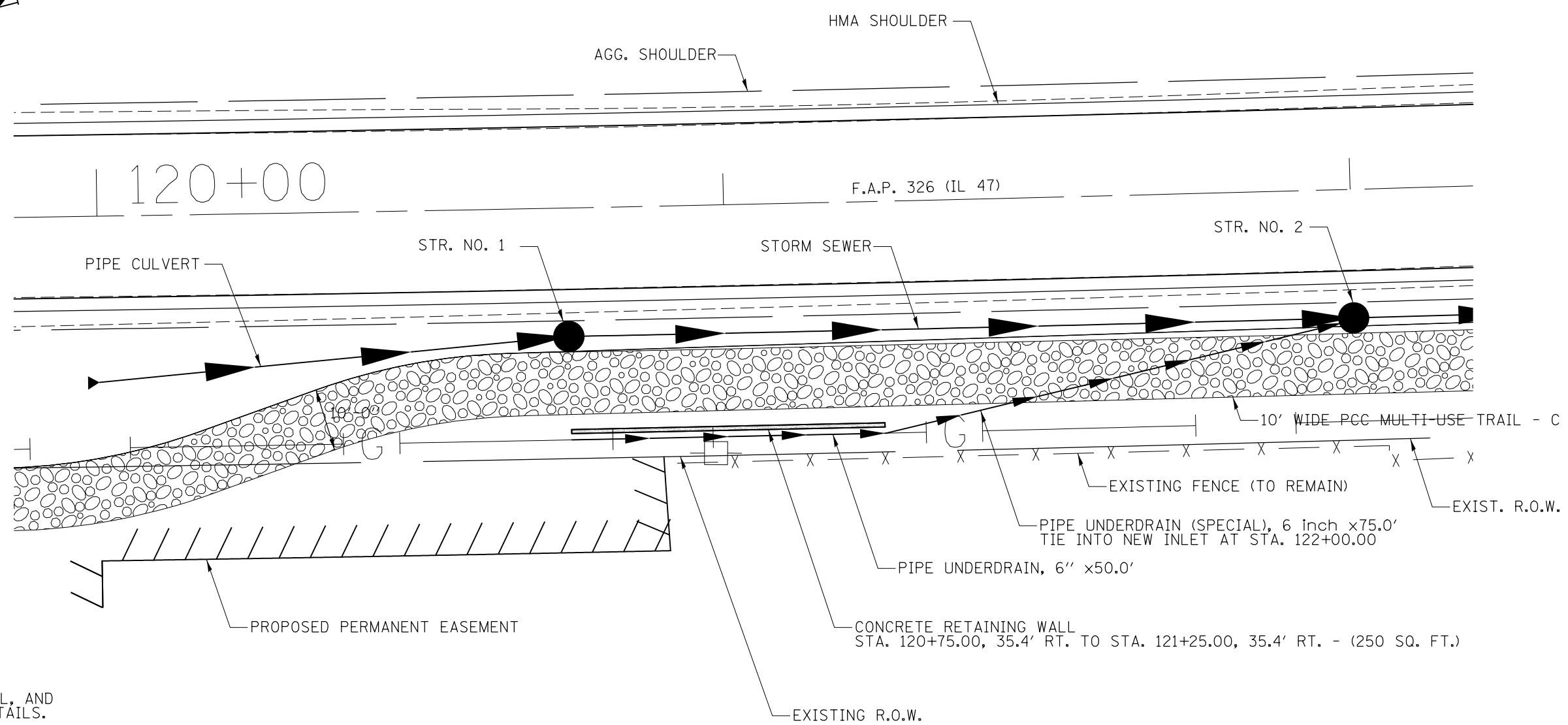
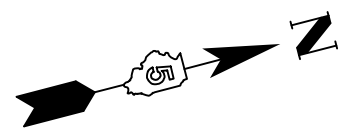
GENERAL NOTES:

- CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
- FIELD CONDITIONS MAY VARY. ADJUST AS REQUIRED PER THE ENGINEER.
- COST OF WELDED WIRE FABRIC SHALL BE INCIDENTAL TO THE COST OF THE MISCELLANEOUS CONCRETE PAY ITEM QUANTITY.

NOTE: PAVED DITCH EXISTS AT UPSTREAM END OF PIPE CULVERT.
NO PAVED DITCH TRANSITION DETAIL REQUIRED HERE.

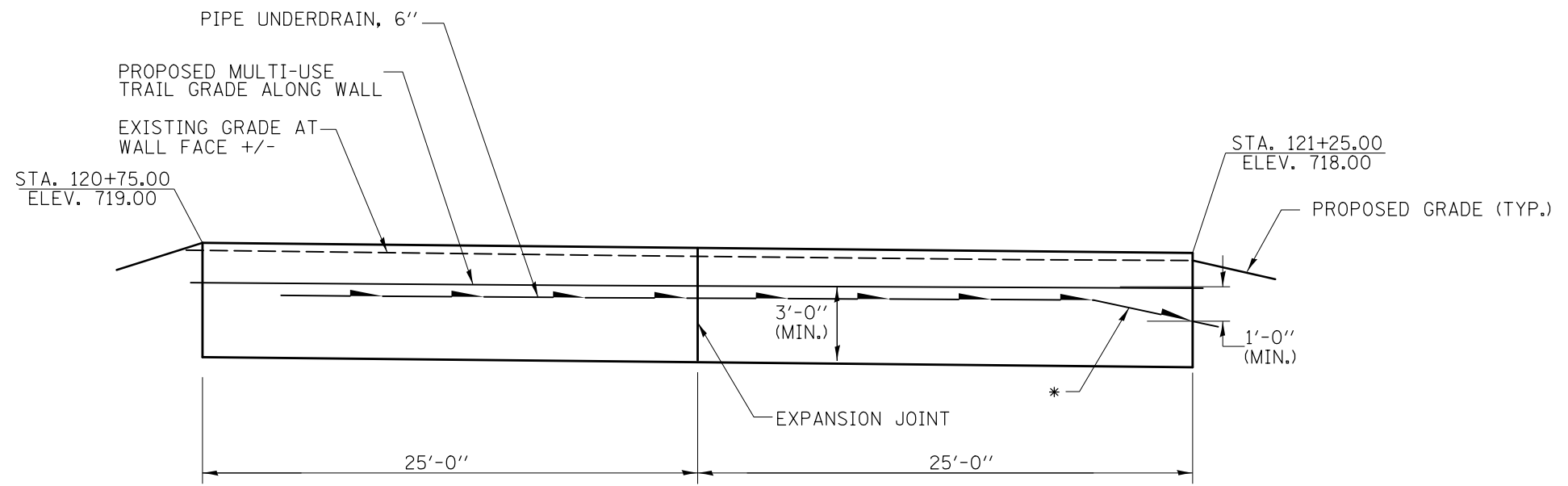
UP STREAM END
OF PIPE CULVERT AT ENTRANCE

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRANSITION FROM PIPE CULVERT TO EXISTING PAVED DITCH DETAIL - LOCATION #3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ce:\pw\work\p\idot\ceorlockbm\d0187612\0870844-sht-details.dgn	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	219	
\$MODELNAME\$	PLOT DATE = 10/10/2014	CHECKED -	REVISED -			SCALE: N/A SHEET 3 OF 3 SHEETS STA. ---- TO STA. ----		CONTRACT NO. 70844		ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -								



NOTES:

1. SEE SHEET 1 FOR WALL, AND EXPANSION JOINT DETAILS.
2. SEE PLAN AND PROFILE SHEET - IL 47 FOR STRUCTURE DATA TABLE.



MULTI-USE TRAIL ELEVATION TABLE

STATION	ELEVATION
120+75.00	717.10
121+00.00	716.66
121+25.00	716.20

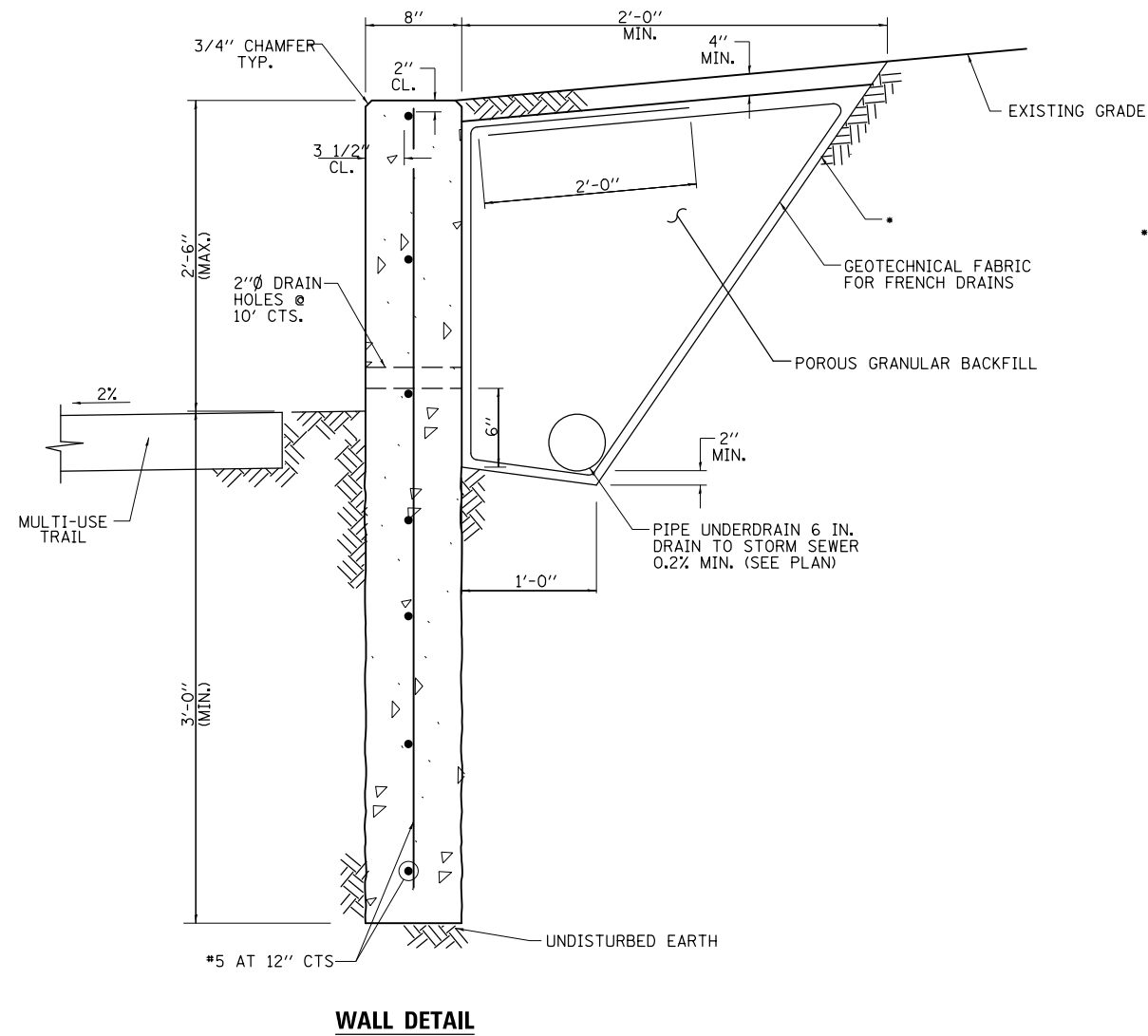
(PROPOSED LEFT EDGE OF MULTI-USE TRAIL - C ELEVATIONS)

WALL ELEVATION

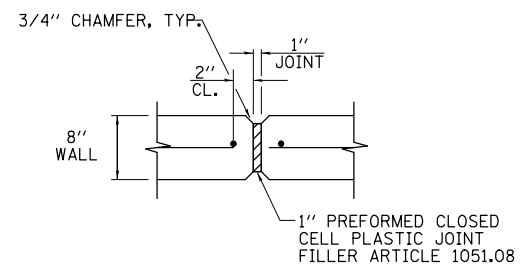
* CONNECT PIPE UNDERDRAIN (SPECIAL), 6" INTO STR. NO. 2 AT STA. 122+00.00

GENERAL NOTES

1. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 GR60 AND SECTION 508 OF THE STANDARD SPECIFICATIONS. THE COST OF FURNISHING AND INSTALLING ALL REINFORCEMENT SHALL BE INCLUDED IN THE COST PER CU. YD. OF CONCRETE STRUCTURES.
2. CONCRETE FOR THE WALL SHALL BE CLASS SI CONCRETE. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 503 OF THE STANDARD SPECIFICATIONS. THE EXPOSED FACES OF WALLS SHALL BE A TEXTURED FINISH. FORM LINERS SHALL BE USED ON THE EXPOSED VERTICAL FACES AS DIRECTED AND APPROVED BY THE ENGINEER. ALL TRENCHES, REINFORCEMENT AND FORMWORK SHALL BE APPROVED BY THE ENGINEER PRIOR TO POURING CONCRETE WALLS OR FOOTINGS. THE COST OF CONSTRUCTING WALLS IN PLACE, INCLUDING ALL FORM WORK, FORM LINERS, TRENCHING, EXCAVATIONS, BACKFILL AND JOINT FILLERS SHALL BE INCLUDED IN THE COST PER CU. YD. OF CONCRETE STRUCTURES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EARTH RETENTION SYSTEMS AS REQUIRED TO CONSTRUCT WALLS TO PREVENT PROPERTY DAMAGE. ANY PROPERTY DAMAGE SHALL BE REPAIRED PER SECTION 107 OF THE STANDARD SPECIFICATIONS.
4. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS. COMPLETELY FILL WITH GROUT ALL JOINTS WHEN CONNECTING THE UNDERDRAINS TO INLETS OR MANHOLES. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT IN PLACE FOR PIPE UNDERDRAINS.



• SLOPE 2:1 (V:H) OR AS APPROVED BY ENGINEER



EXPANSION JOINT DETAIL

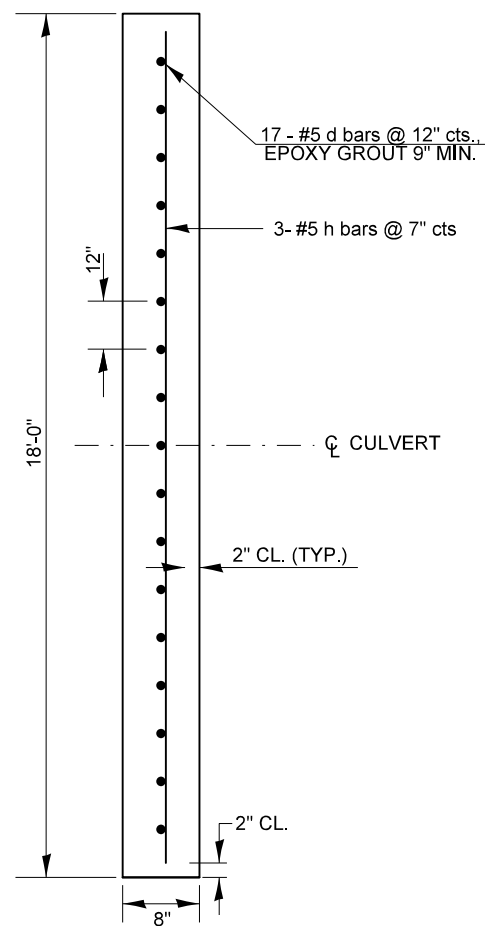
MIN. BAR LAP

#5 BAR = 2'-2"

CONCRETE RETAINING WALL SCHEDULES - MULTI-USE TRAIL - C

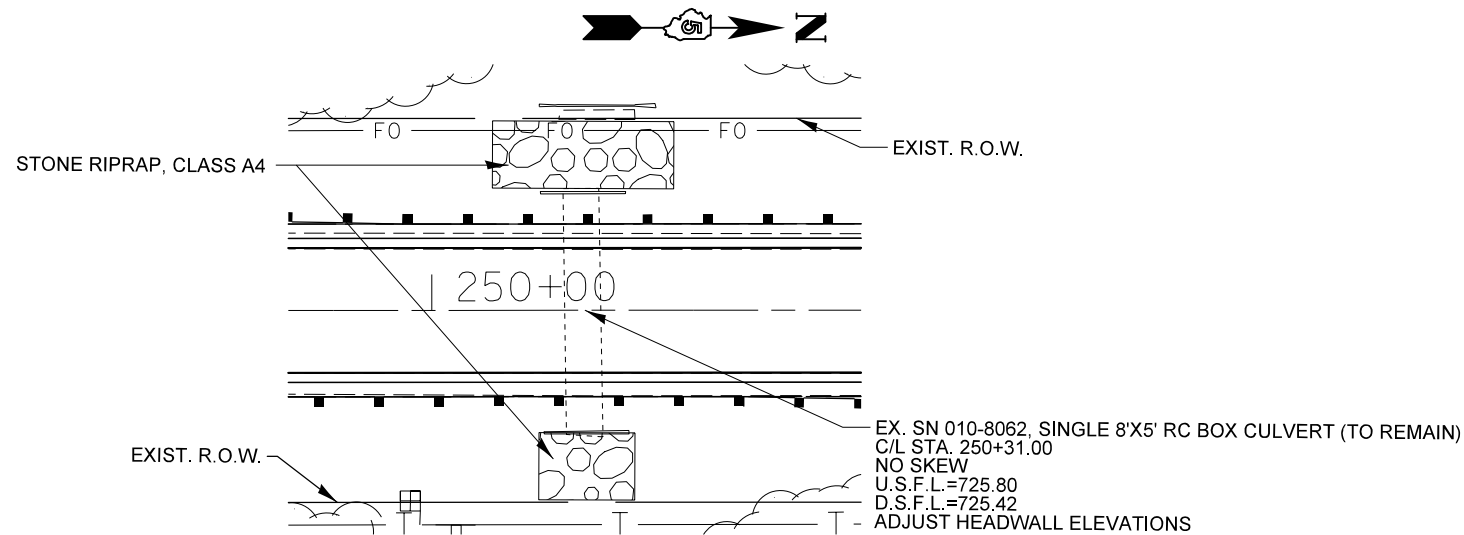
STA.	O/S	TO	STA.	O/S	LENGTH (FOOT)	HEIGHT (FOOT)	50300225 CONCRETE STRUCTURES (CU YD)	20900110 POROUS GRANULAR BACKFILL (CU YD)	60100085 GEOTECHNICAL FABRIC FOR FRENCH DRAINS (SQ YD)	60107700 PIPE UNDERDRAINS 6 INCH (FOOT)	60108200 PIPE UNDERDRAINS (SPECIAL) 6 INCH (FOOT)
120+75.0	35.4' RT.		121+25.0	35.4' RT.	50.0	5.0	6.8	18.5	55.6	50.0	75.0
TOTAL =							6.8	18.5	55.6	50.0	75.0
USE =							7.0	19.0	56.0	50.0	75.0

REINFORCEMENT BARS = 488 POUND (COST INCLUDED IN 50300225 CONCRETE STRUCTURES PAY ITEM)



PLAN

NOT TO SCALE



LOCATION

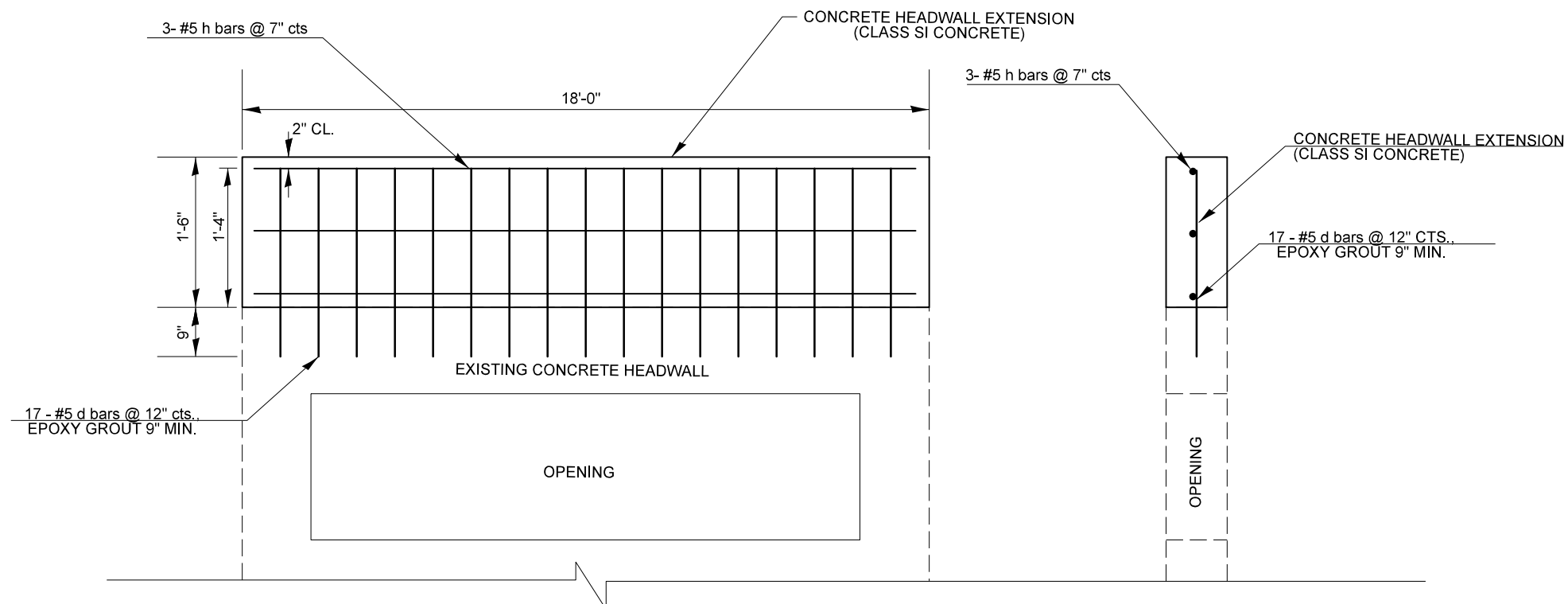
NOTES:

1. ALL EDGES SHALL HAVE STANDARD 3/4" CHAMFERS.
2. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BOX CULVERT HEADWALL DIMENSIONS PRIOR TO COMPLETING WORK.
4. THE COST OF EPOXY GROUTING BARS SHALL BE INCLUDED WITH REINFORCEMENT BARS.
5. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR GR 60.
6. BOTH UPSTREAM AND DOWNSTREAM HEADWALLS SHALL BE MODIFIED.

BILL OF MATERIAL (DOWNSTREAM END)

For Information Only
(One Head wall)

Bar	No.	Size	Length	Shape
h	3	#5	17'-8"	—
d	17	#5	2'-1"	—
Item			Unit	Total
Concrete Box Culverts			Cu. Yd.	0.7
Reinforcement Bars			Pound	93.0

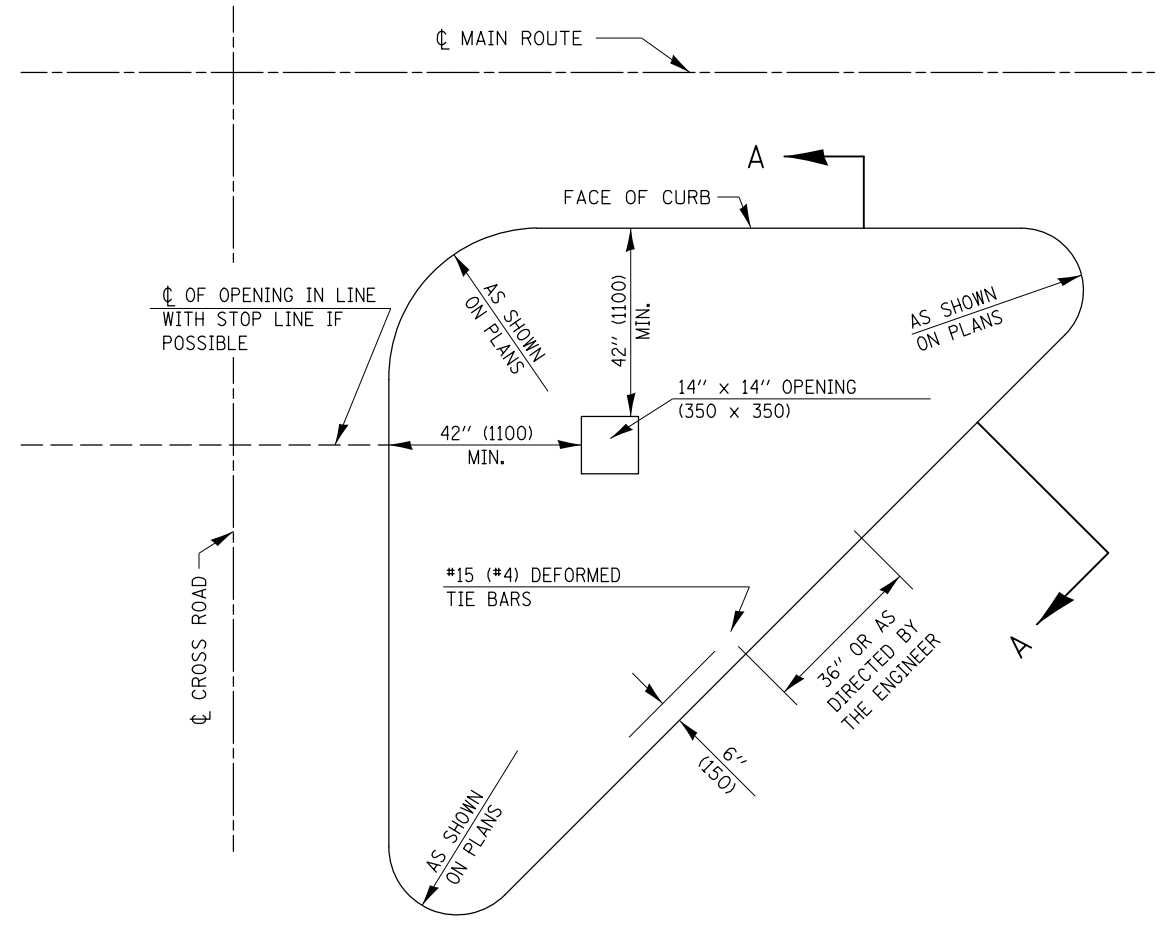
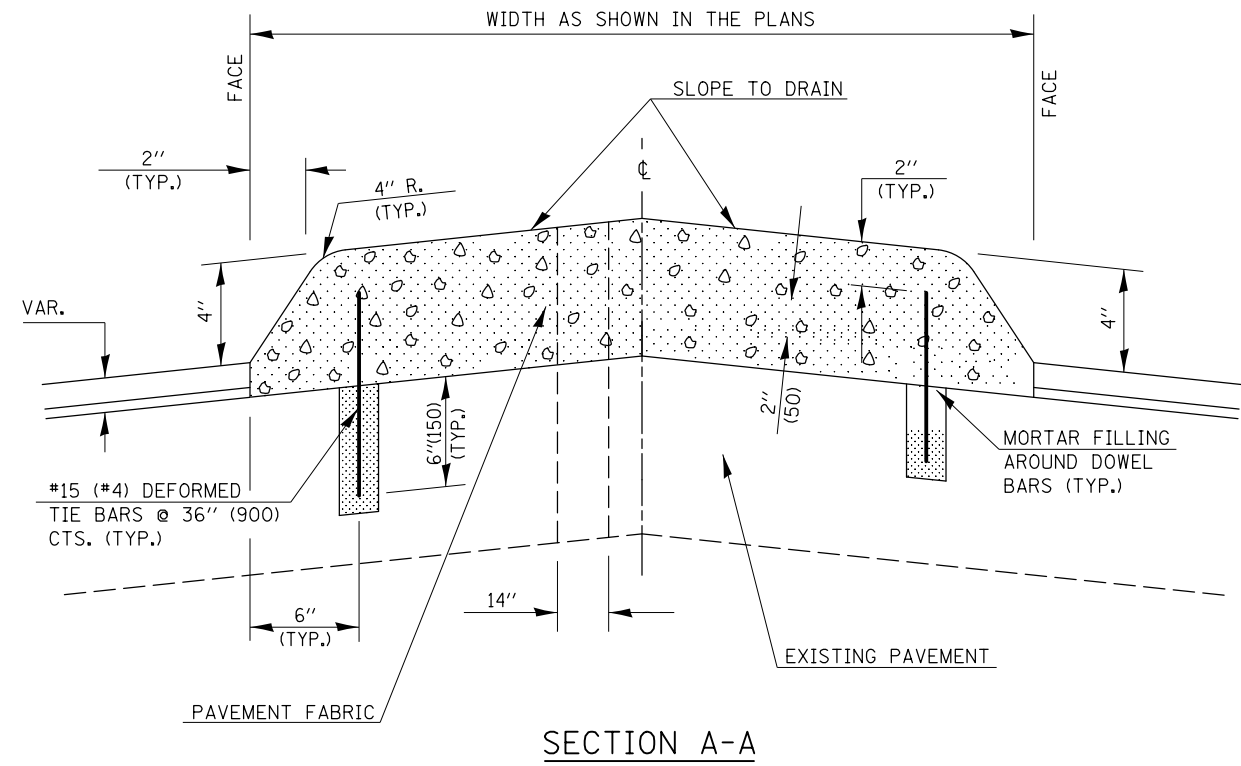


ELEVATION VIEWS

NOT TO SCALE

GENERAL NOTES

1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. DOWEL BARS @ 36" CTS. OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FOOT FOR CONCRETE MEDIAN, TYPE SM (DOWELLED), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, PAVEMENT FABRIC AND THE REMOVAL AND DISPOSAL OF THE EXISTING PAVEMENT FOR THE 14" x 14" OPENING, IF REQUIRED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. SEE INTERSECTION DETAILS IL 47 & US 136 FOR MEDIAN ISLAND RAD. PT. TABLE.

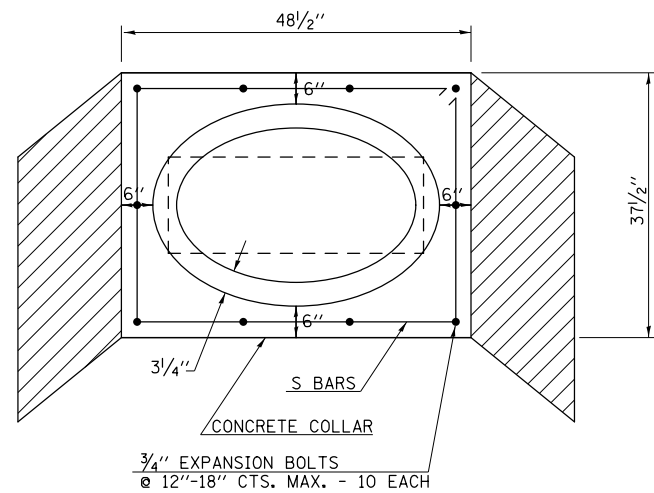
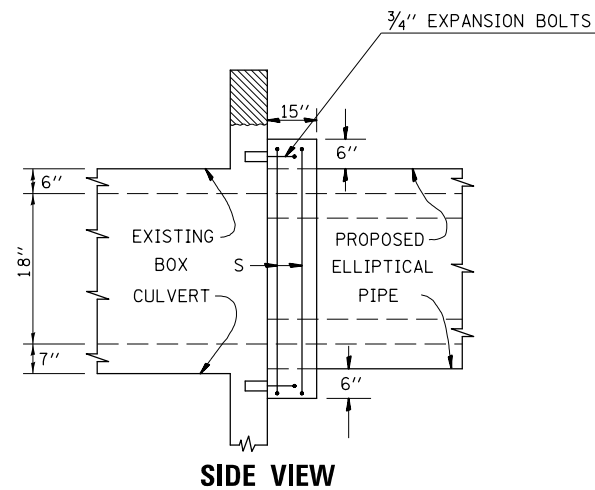
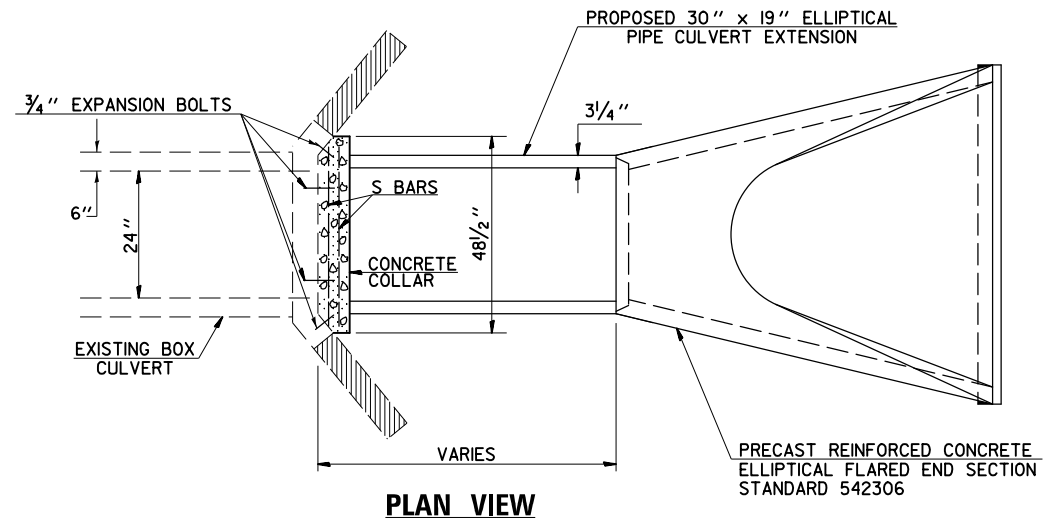


PLAN OF CORNER ISLAND

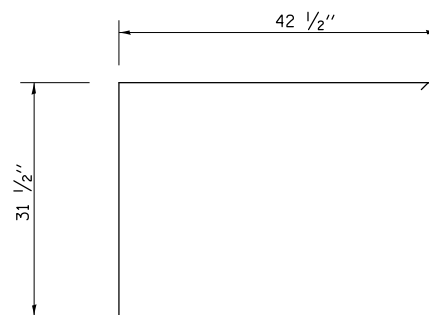
Note: All dimensions are in INCHES unless otherwise shown.

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE MEDIAN, TYPE SM (DOWELLED)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\idot\ceerlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED - 08/09 - KJT					326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	223	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: N/A			SHEET NO. 1 OF 1 SHEETS			STA. ----- TO STA. -----	CONTRACT NO. 70844	
	PLOT DATE = 10/10/2014	DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

DETAIL OF COLLAR AND BOX CULVERT EXTENSION WITH PIPE CULVERTS – 24" ERS LOCATIONS



- REMOVE THAT PORTION OF THE EXISTING HEADWALL DOWN TO 12" BELOW FINISHED GRADE - IF APPLICABLE
- REMOVE ONLY THAT PORTION OF THE EXISTING WINGWALLS THAT EXTENDS PAST THE PROPOSED COLLAR FOR EASE OF CONSTRUCTION - IF APPLICABLE OR WHEN DEEMED NECESSARY BY THE ENGINEER
- THIS WORK WILL BE INCLUDED IN THE PIPE CULVERT REMOVAL (SPECIAL) PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED



BARS S
 SIZE #5
 QUANTITY 2 (AT EACH COLLAR)
 LENGTH 12'-4"

BILL OF MATERIALS (PER CONCRETE COLLAR)

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
54002020	3/4" EXPANSION BOLTS	10.0	EACH
54248510	CONCRETE COLLAR	0.5	CU YD
X5015225	PIPE CULVERT REMOVAL (SPECIAL)	1.0	EACH
50800105	REINFORCEMENT BARS (SIZE #5)	25.8	LBS

NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELD AND M20 HOOKED BAR. THE HOOKED BAR SHALL EXTEND 6" MINIMUM INTO CONCRETE COLLAR AND EXISTING HEADWALL.
3. THE CULVERT SHALL BE BACKFILLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL REMOVE ADDITIONAL PORTIONS OF THE WING WALLS AS REQUIRED TO ALLOW THE PIPE CULVERT TO FIT TIGHTLY AGAINST THE HEADWALL, OR MAY PROVIDE SUITABLE BANDING OR OTHER APPROVED METHOD TO PREVENT CONCRETE FROM ENTERING THE INTERIOR OF THE PIPE CULVERT.
5. THE COST OF THE FOLLOWING ITEMS SHALL BE INCLUDED IN THE COST OF THE CONCRETE COLLAR PAY ITEM AT THESE LOCATIONS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED:

ITEM NO. 54002020 - 3/4" EXPANSION BOLTS
 ITEM NO. 50800105 - REINFORCEMENT BARS

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
c:\pwork\work\pwork\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -

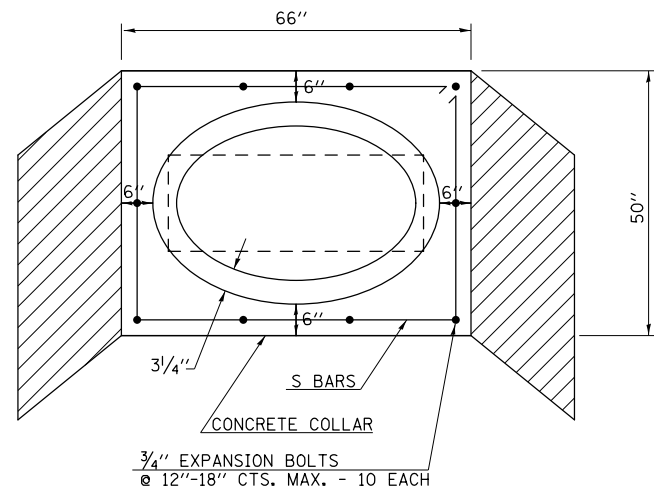
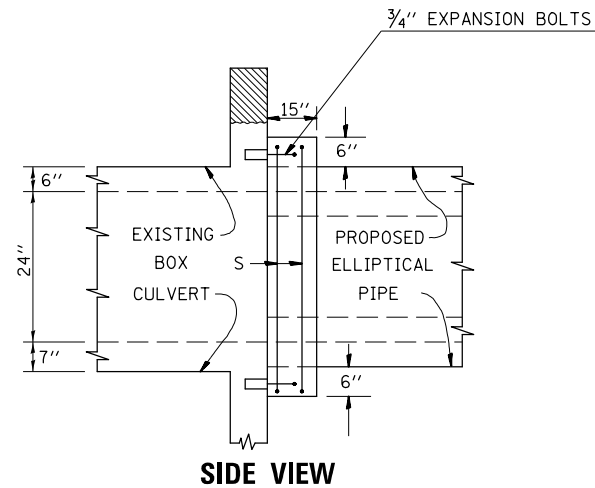
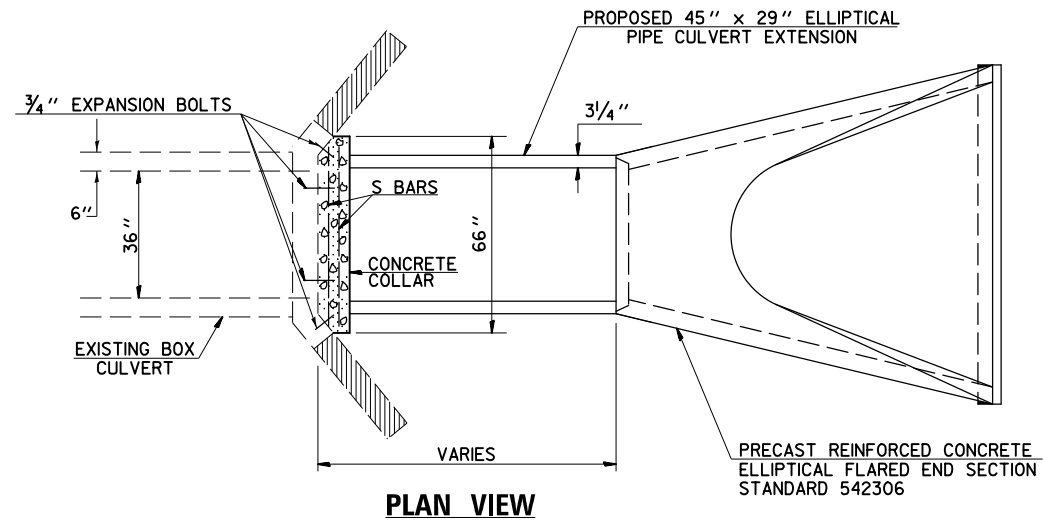
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAIL OF COLLAR AND BOX CULVERT EXTENSION
 WITH PIPE CULVERTS – 24" ERS LOCATIONS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. ---- TO STA. ----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	224
				CONTRACT NO. 70844
ILLINOIS FED. AID PROJECT				

DETAIL OF COLLAR AND BOX CULVERT EXTENSION WITH PIPE CULVERTS – 36" ERS LOCATIONS



END VIEW

BILL OF MATERIALS (PER CONCRETE COLLAR)

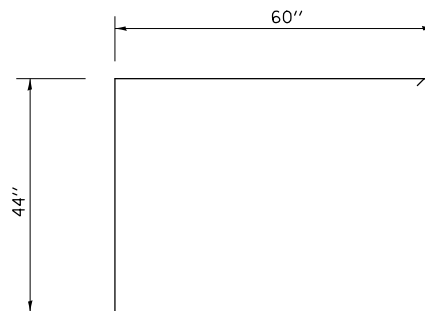
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
54002020	3/4" EXPANSION BOLTS	10.0	EACH
54248510	CONCRETE COLLAR	0.5	CU YD
X5015225	PIPE CULVERT REMOVAL (SPECIAL)	1.0	EACH
50800105	REINFORCEMENT BARS (SIZE #5)	25.8	LBS

NOTES

- CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
- EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELD AND M20 HOOKED BAR. THE HOOKED BAR SHALL EXTEND 6" MINIMUM INTO CONCRETE COLLAR AND EXISTING HEADWALL.
- THE CULVERT SHALL BE BACKFILLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL REMOVE ADDITIONAL PORTIONS OF THE WING WALLS AS REQUIRED TO ALLOW THE PIPE CULVERT TO FIT TIGHTLY AGAINST THE HEADWALL, OR MAY PROVIDE SUITABLE BANDING OR OTHER APPROVED METHOD TO PREVENT CONCRETE FROM ENTERING THE INTERIOR OF THE PIPE CULVERT.
- THE COST OF THE FOLLOWING ITEMS SHALL BE INCLUDED IN THE COST OF THE CONCRETE COLLAR PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED:

ITEM NO. 54002020 - 3/4" EXPANSION BOLTS
 ITEM NO. 50800105 - REINFORCEMENT BARS

- REMOVE THAT PORTION OF THE EXISTING HEADWALL DOWN TO 12" BELOW FINISHED GRADE - IF APPLICABLE
- REMOVE ONLY THAT PORTION OF THE EXISTING WINGWALLS THAT EXTENDS PAST THE PROPOSED COLLAR FOR EASE OF CONSTRUCTION - IF APPLICABLE OR WHEN DEEMED NECESSARY BY THE ENGINEER
- THIS WORK WILL BE INCLUDED IN THE PIPE CULVERT REMOVAL (SPECIAL) PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED



BARS S

SIZE #5
 QUANTITY 2 (AT EACH COLLAR)
 LENGTH 17'-4"

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -
ce:\pw\work\p\dot\ceerlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -

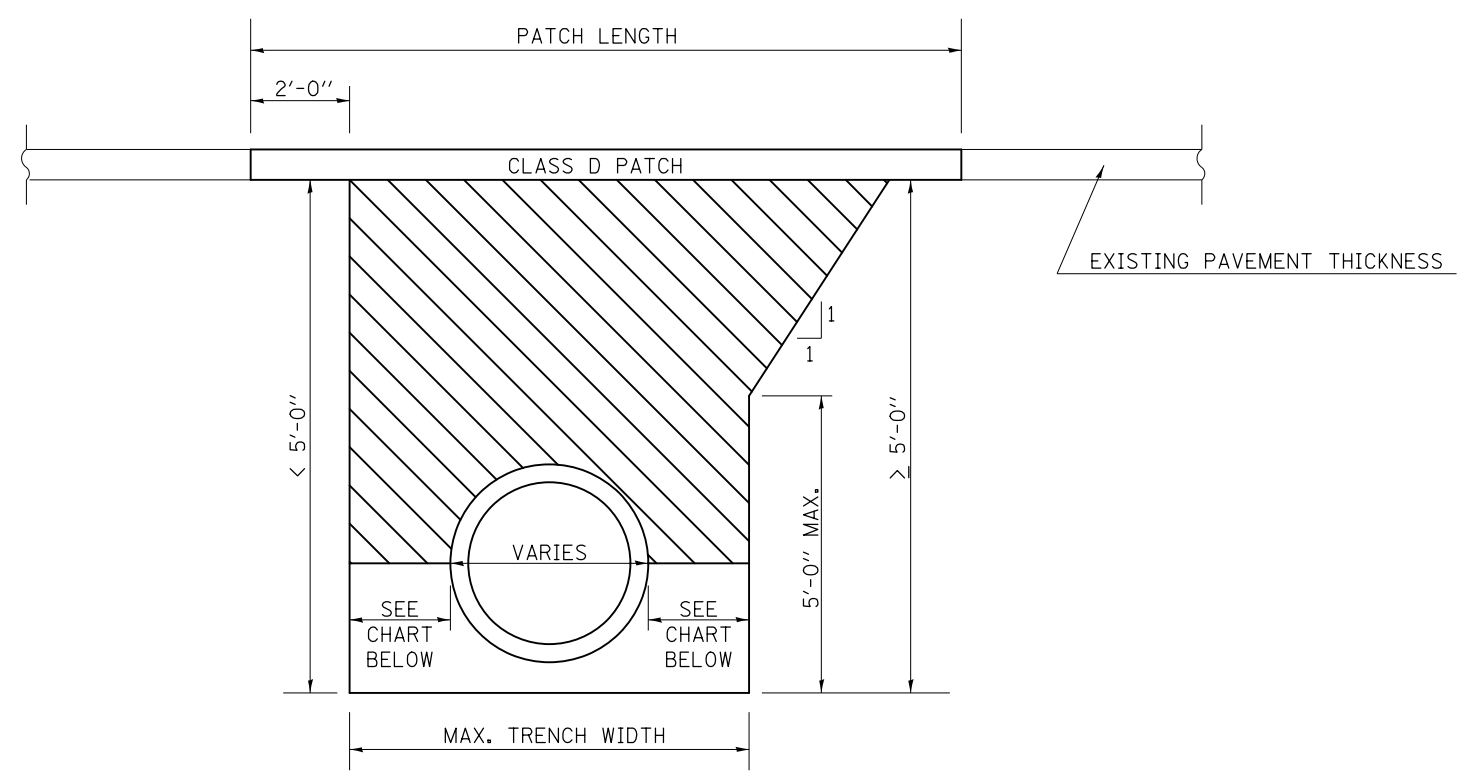
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAIL OF COLLAR AND BOX CULVERT EXTENSION
 WITH PIPE CULVERTS – 36" ERS LOCATIONS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. ---- TO STA. ----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	225
				CONTRACT NO. 70844
ILLINOIS FED. AID PROJECT				

ACROSS ROAD PIPE CULVERTS

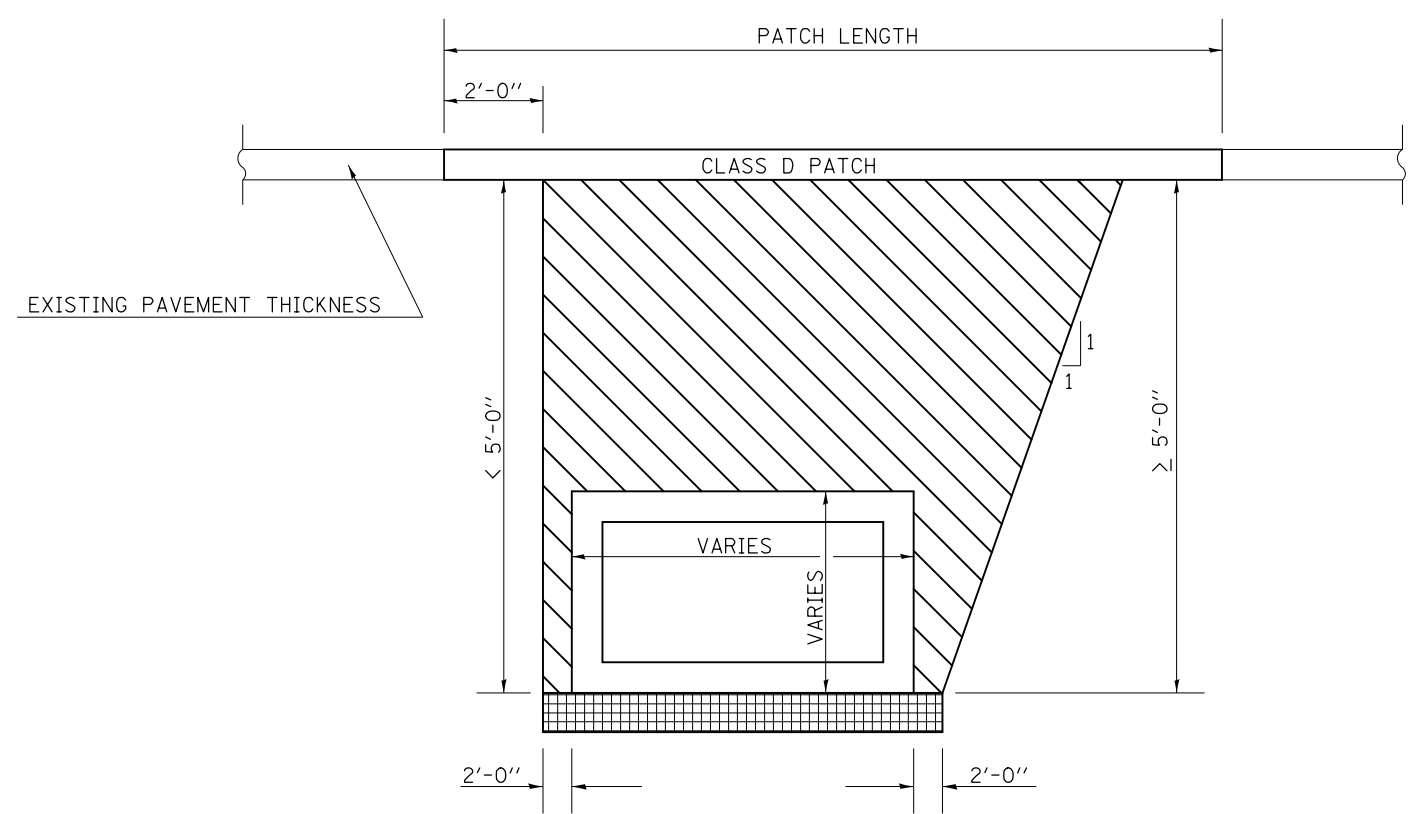


 PAY LIMITS OF POROUS GRANULAR BACKFILL - CA-6

POROUS GRANULAR BACKFILL SHALL EXTEND 5'-0" OUTSIDE OF THE EDGE OF SHOULDER.

INSIDE DIA. OF PIPE	MAX. TRENCH WIDTH
UP TO 24"	9" + OD + 9"
27" TO 48"	12" + OD + 12"
OVER 48"	18" + OD + 18"

ACROSS ROAD BOX CULVERTS



 PAY LIMITS OF POROUS GRANULAR EMBANKMENT - CA-6

 POROUS GRANULAR MATERIAL - CA 7 (6") INCLUDED IN PAY ITEM FOR BOX CULVERT

- * POROUS GRANULAR EMBANKMENT SHALL EXTEND 5'-0" OUTSIDE OF THE EDGE OF SHOULDER.
- * ADDITIONAL UNDERCUT MAY BE SPECIFIED AT SOME BOX CULVERTS

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 20900110

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 07/09 KJT
ce:\pwork\pwork\ceorlockbm\d0187612\0970844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

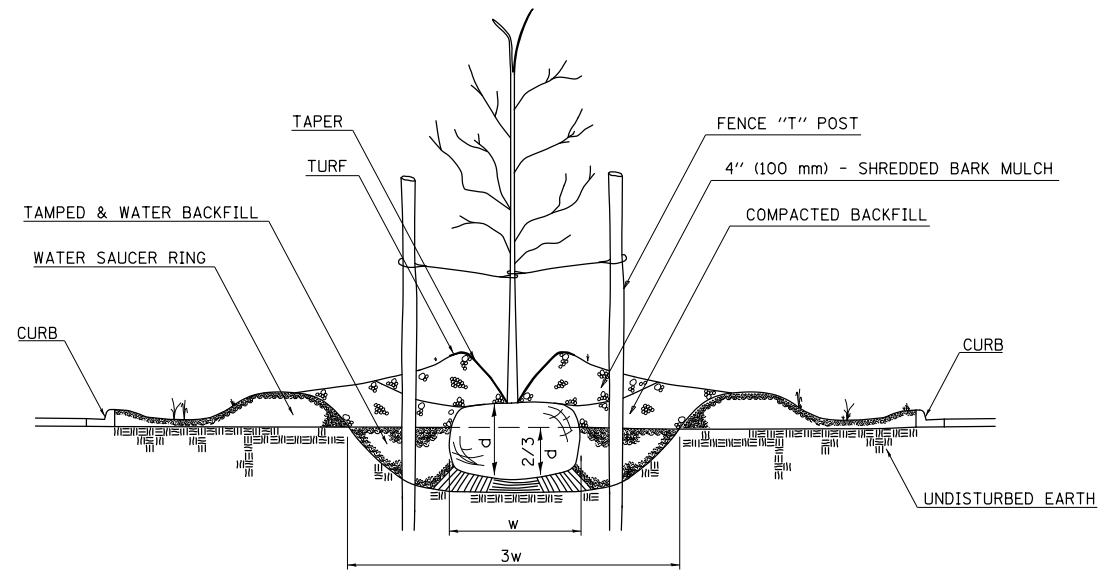
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POROUS GRANULAR BACKFILL

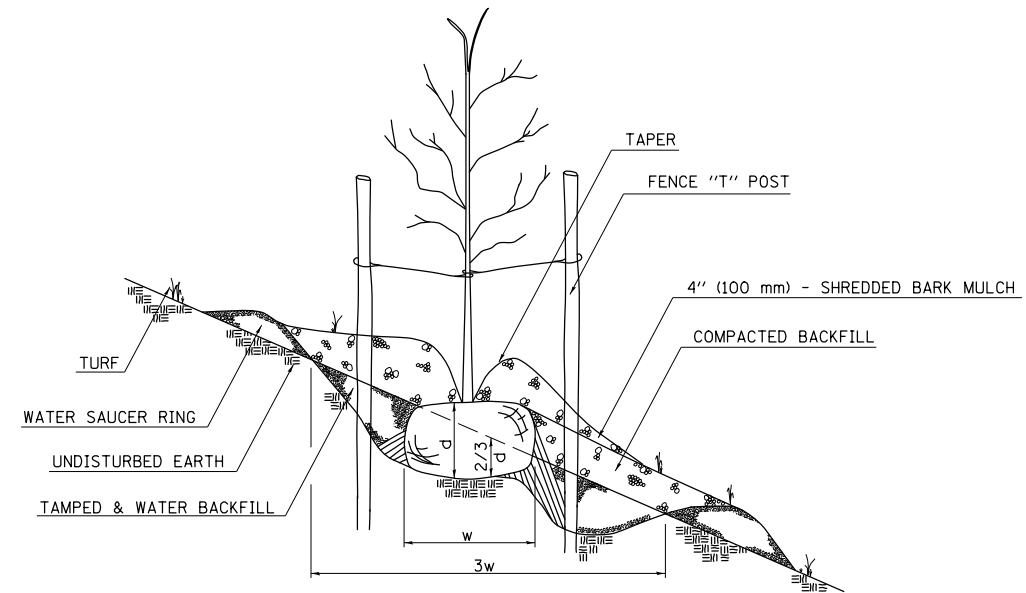
SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	226
				CONTRACT NO. 70844
ILLINOIS FED. AID PROJECT				

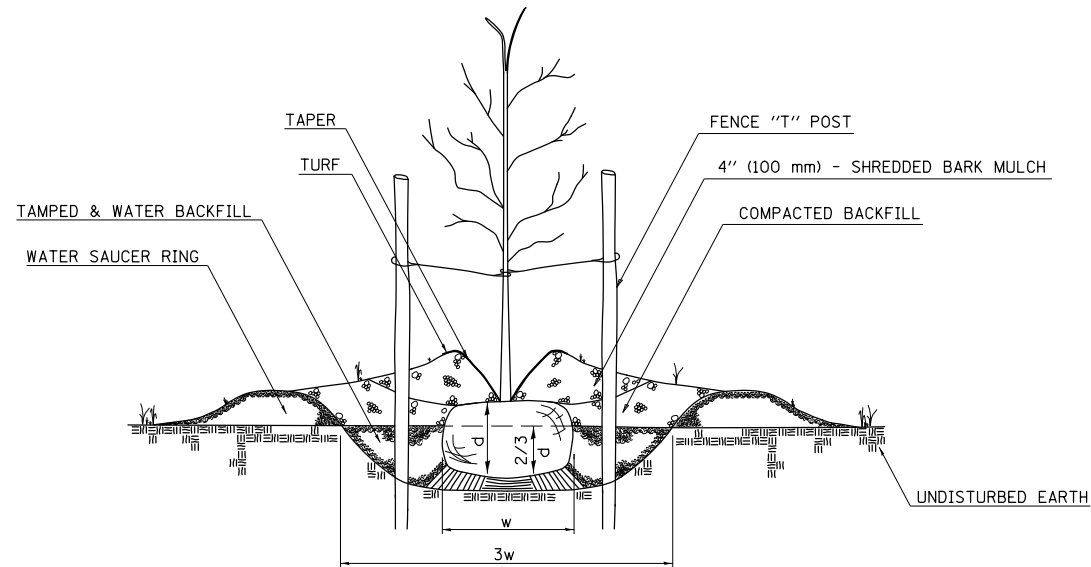
PARKWAY PLANTING DETAIL



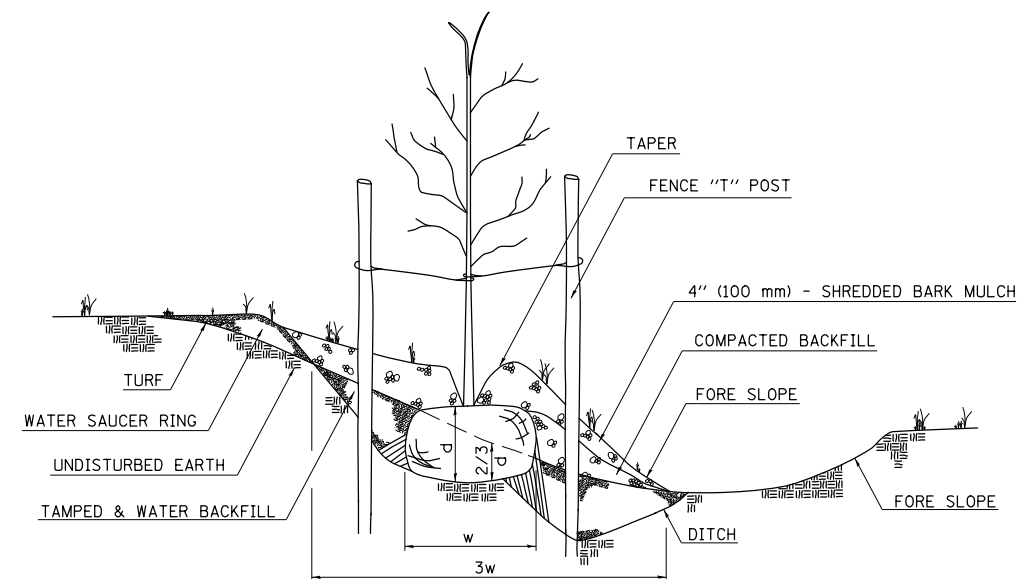
HILL PLANTING DEPTH



FLAT GROUND PLANTING DETAIL



DITCH AREA PLANTING DETAIL



HOLE DEPTH SCHEDULE

Tree Size (Calliper)		Shrub Tree Height		Evergreen Height		Min. Diameter Ball (w)		Min. Depth Ball (d)		Hole Depth (2/3d)		Hole Width (3w)	
6 mm	1/4 in	600 mm	2 ft	500 mm	1.5 ft	255 mm	10 in	190 mm	7 1/2 in	130 mm	5 in	760 mm	30 in
13	1/2	900	3	600	2	300	12 in	230	9	150	6	900	36
19	3/4	1250	4	900	3	355	14	270	10 1/2	180	7	1070	42
25	1	1500	5	1250	4	400	16	300	12	205	8	1220	48
30	1 1/4	1800	6	1375	4 1/2	460	18	345	13 1/2	230	9	1375	54
40	1 1/2	2000	7	1500	5	500	20	345	13 1/2	230	9	1525	60
45	1 3/4	2500	8	1800	6	560	22	370	14 1/2	255	10	1680	66
50	2	2700	9	2000	7	600	24	400	16	280	11	1830	72
60	2 1/2	3000	10	2500	8	700	28	470	18 1/2	300	12	2140	84
80	3	3500	11	2700	9	800	32	500	20	330	13	2440	96
90	3 1/2	3700 mm	12 ft	3700	12	960	38	585	23	380	15	2900	114
100	4			4300	14	1070	42	635	25	430	17	3200	126
110	4 1/2			4900	16	1220	48	740	29	485	19	3660	144
130	5			5400 mm	18 ft	1375	54	815	32	535	21	4115	162
140	5 1/2					1450	57	865	34	585	23	4315	171
150	6					1525	60	915	36	610	24	4575	180
180	7					1780	70	1070	42	700	28	5330	210
205 mm	8 in					2030 mm	80 in	1220 mm	48 in	815 mm	32 in	6070 mm	240 in

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 253AAAAA

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 12/06
ei:\pw\work\p\idot\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANTING DETAILS

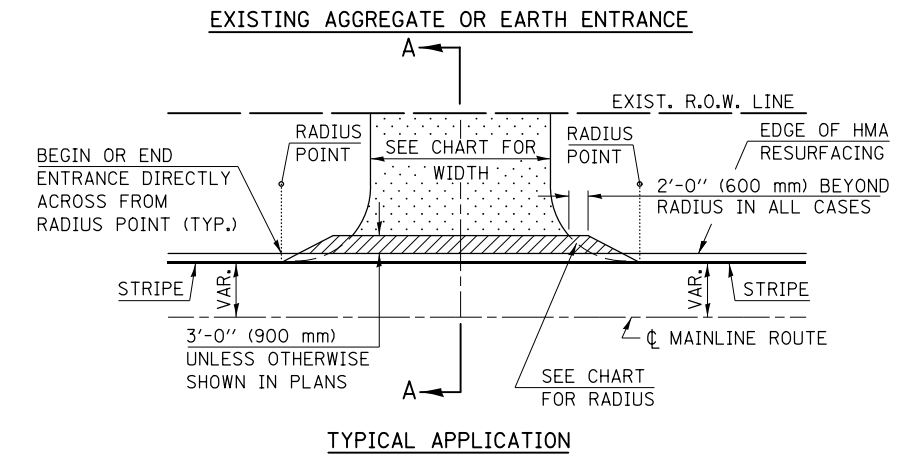
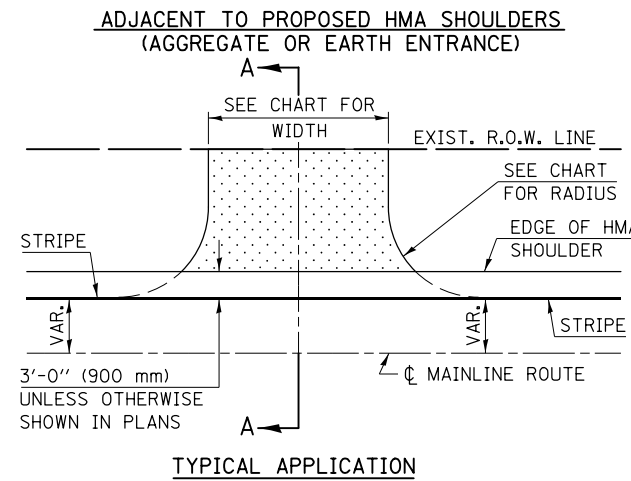
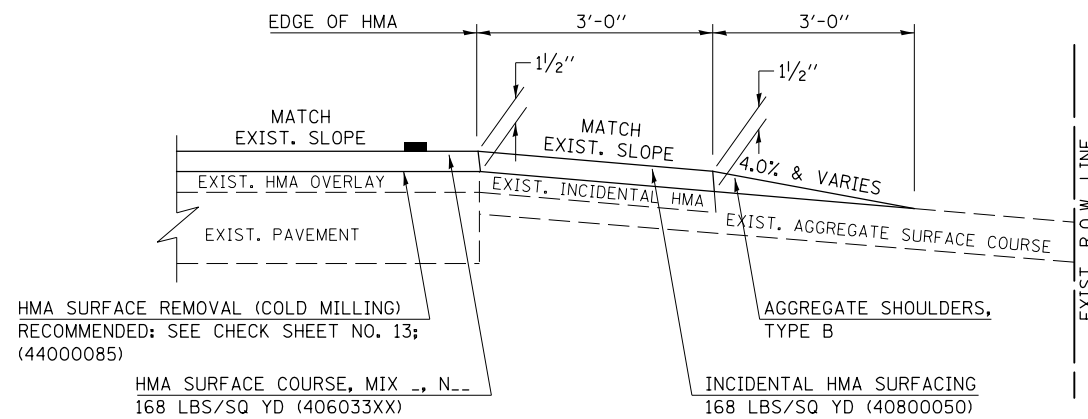
SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	227
CONTRACT NO. 70844				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

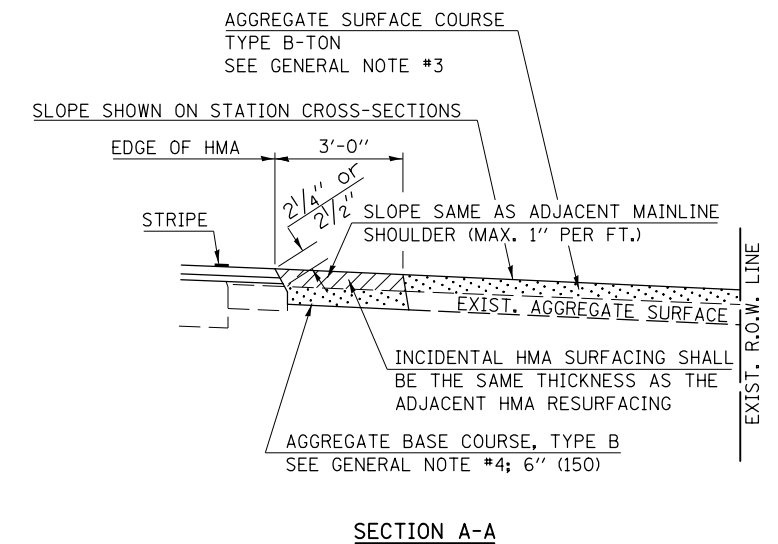
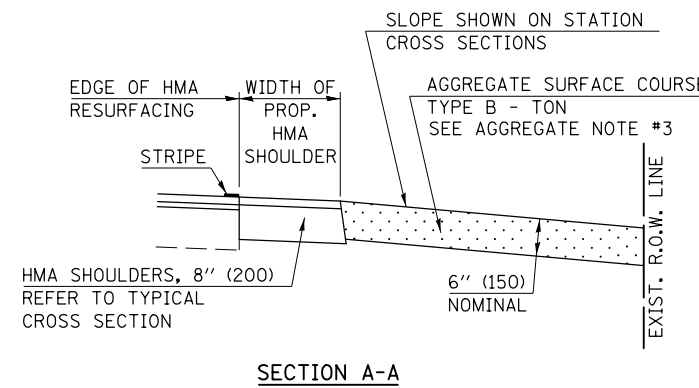
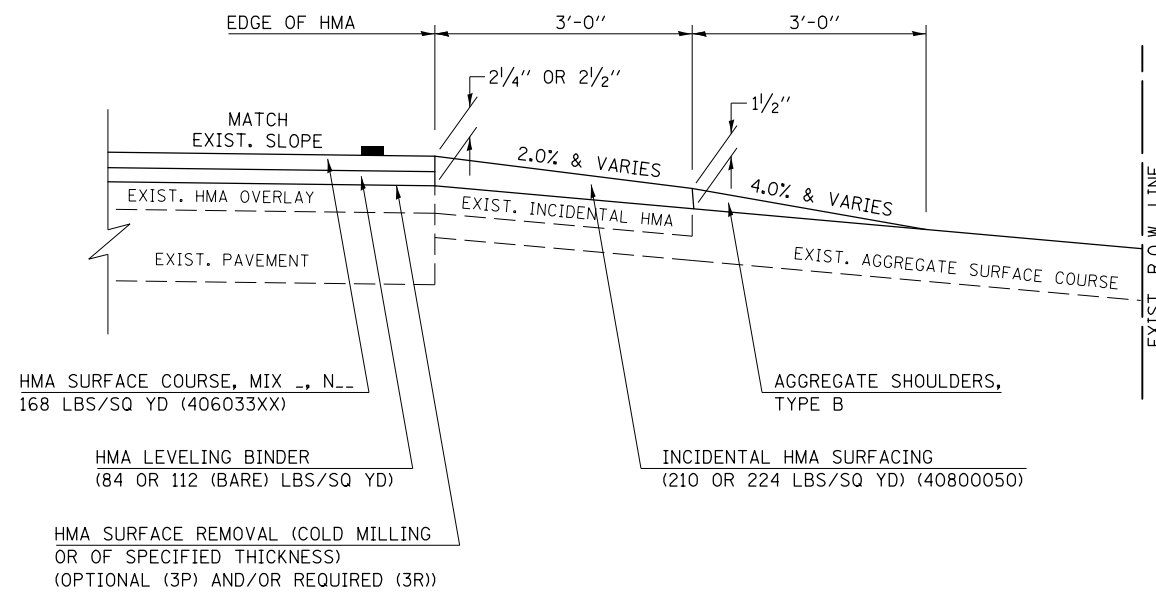
PROJECTS WITHOUT RECONSTRUCTION
 ("3R" WITHOUT RECONSTRUCTION, 3P, SMART AND CM)

PROJECTS WITH RECONSTRUCTION
 ("3R" IMPROVEMENTS AND SMART/3P "SPOT" LOCATIONS)

S.M.A.R.T. IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.03; 1/2")



"3P" OR "3R" IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.02; 2/4" OR 2/2" ON BARE CONCRETE)



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED - 12/01/06 TJB
ce:\pw\work\p\midot\cealockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED - 09/21/07 KAG
		CHECKED -	REVISED - 04/30/08 KJT
		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FIELD ENTRANCES (NONCOMMERCIAL RURAL)		
SCALE: NA	SHEET NO. 1 OF 2 SHEETS	STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. 40800050A				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	228
CONTRACT NO. 70844				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)																
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with RECONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM									
	NONCOMMERCIAL			FIELD W/ FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL			
	PRIVATE & FIELD			FIELD W/ FARM IMPLEMENTS			COMMERCIAL			PRIVATE & FIELD			COMMERCIAL			
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.		
SURFACE WIDTH (FT)							1 LANE, 1 WAY						1 LANE, 1 WAY			
							14 16 24									
							2 LANE, 2 WAY						2 LANE, 2 WAY			
							24 30 35									
RADIUS (FT)	15	25	40	30		20	30	50	resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them							
SHOULDER WIDTH (FT)	2	2		2		1	3									
SHOULDER SLOPE (%)	2	4	6	4		2	4	6								
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10								
SIDE SLOPE (FT)	1:4	1:6	1:10	1:4	1:6	1:4	1:6	1:10								
SURFACE TYPE																
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder							
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02							
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8								

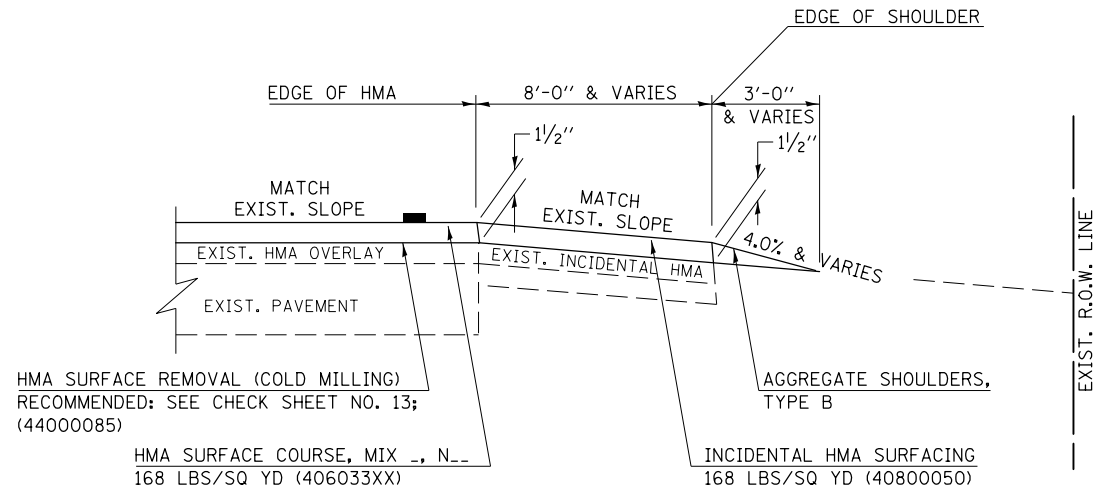
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 40800050A

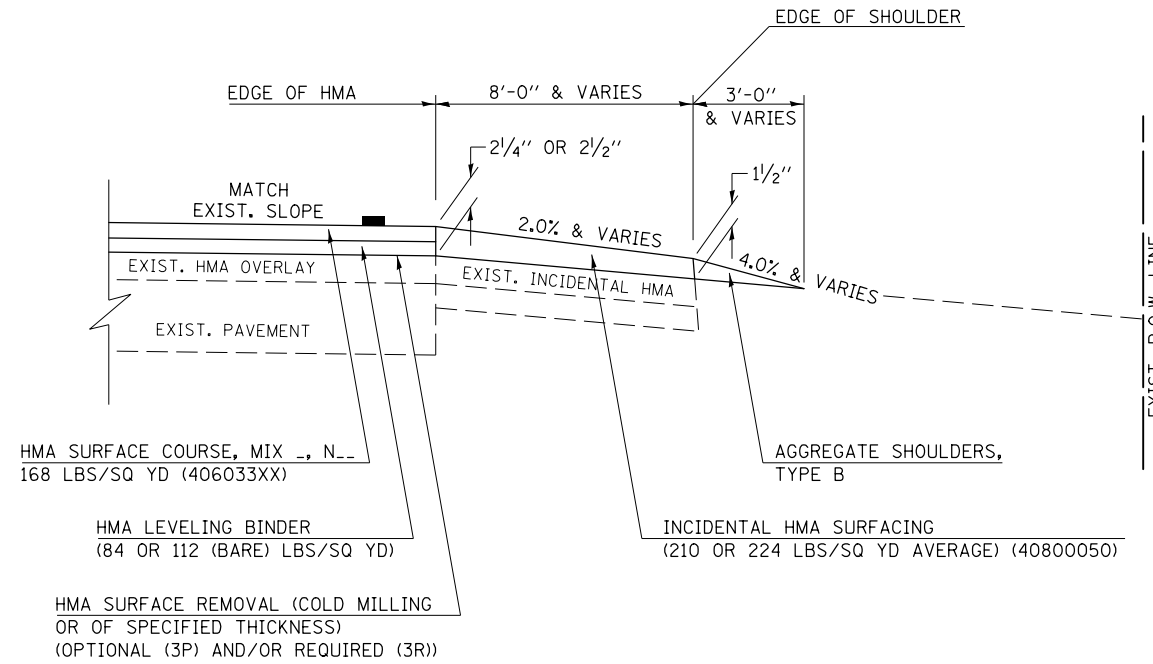
FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 12/01/06 TJB	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIELD ENTRANCES (NONCOMMERCIAL RURAL)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\pwork\ceorlockbm\d0187612\0870844-sht-details.dgn	DRAWN -	REVISED - 09/21/07 KAG	326			136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	229	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/30/08 KJT	CONTRACT NO. 70844							
PLOT DATE = 10/10/2014	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
				SCALE: NA	SHEET NO. 2 OF 2 SHEETS	STA. ----- TO STA. -----				

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS
(POLICY RESURFACING; BDE 53-4.03; 1 1/2")



"3P" OR "3R" IMPROVEMENTS
(POLICY RESURFACING; BDE 53-4.02; 2 1/4" OR 2 1/2" ON BARE CONCRETE)

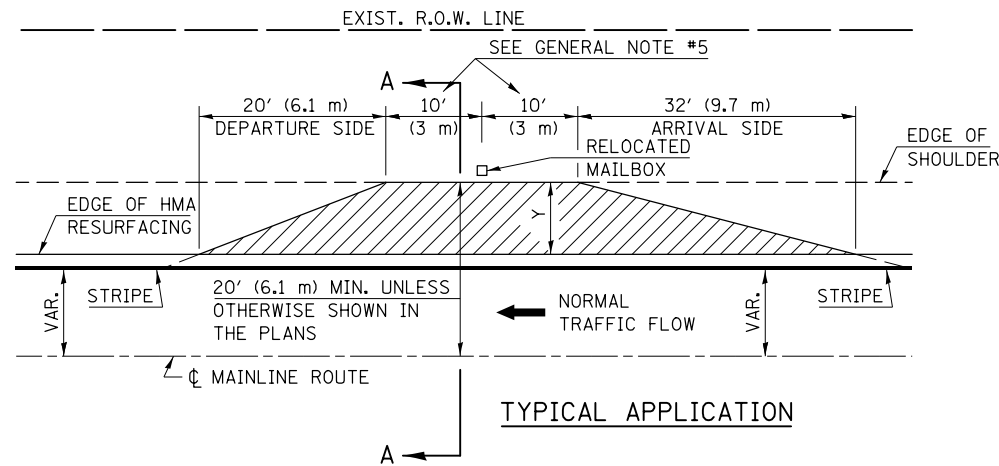


GENERAL NOTES

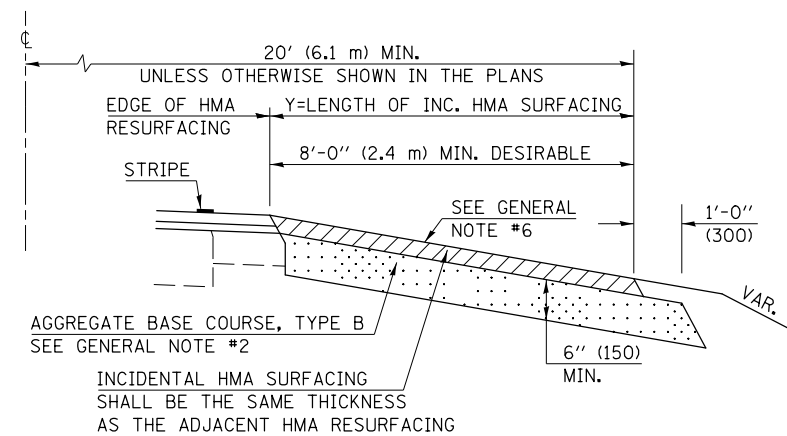
1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. AGGREGATE BASE COURSE, TYPE B, 6" (150) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED MAILBOX TURNOUTS. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ALL EXISTING MAILBOX TURNOUTS OR TO CONSTRUCT NEW MAILBOX TURNOUTS WHERE NONE NOW EXISTS.
3. ANY NECESSARY WORK BEHIND THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
4. THE TEMPORARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
5. WHEN MORE THAN ONE RELOCATED MAILBOX IS INCLUDED IN A PARTICULAR LOCATION THE TWO 10' (3 m) DIMENSIONS AS SHOWN ABOVE SHALL BE FROM THE END MAILBOX.
6. CROSS SLOPE SHALL BE AS SHOWN ON THE STATION CROSS SECTIONS AND/OR AS DIRECTED BY THE ENGINEER. MINIMUM 4% (1/2"/') DESIRABLE; MAXIMUM 8% (1"/').
7. WHEN MAILBOX TURNOUTS ARE CONSTRUCTED ADJACENT TO FIELD ENTRANCES, THE WIDTH OF THE INCIDENTAL HMA SURFACING CONSTRUCTED FOR THE FIELD ENTRANCE SHALL MATCH THE WIDTH OF THE PROPOSED MAILBOX TURNOUT SURFACING.
8. THE TOTAL SHOULDER WIDTH, 2.4 m (8') MINIMUM, SHALL BE PAVED BETWEEN SIDEROADS ENTRANCES AND/OR MAILBOX TURNOUTS AT LOCATIONS WHERE THE DISTANCE BETWEEN RADIUS OR TAPER CONTROL POINTS IS LESS THAN 15.0 m (50').
9. MAILBOXES SHALL BE MOUNTED SUCH THAT THE FACE OF THE MAILBOX IS 6" (150 mm) TO 12" (300 mm) AND THE POST A MINIMUM OF 24" (600 mm) FROM THE EDGE OF THE TURNOUT SURFACING.

PROJECTS WITH RECONSTRUCTION

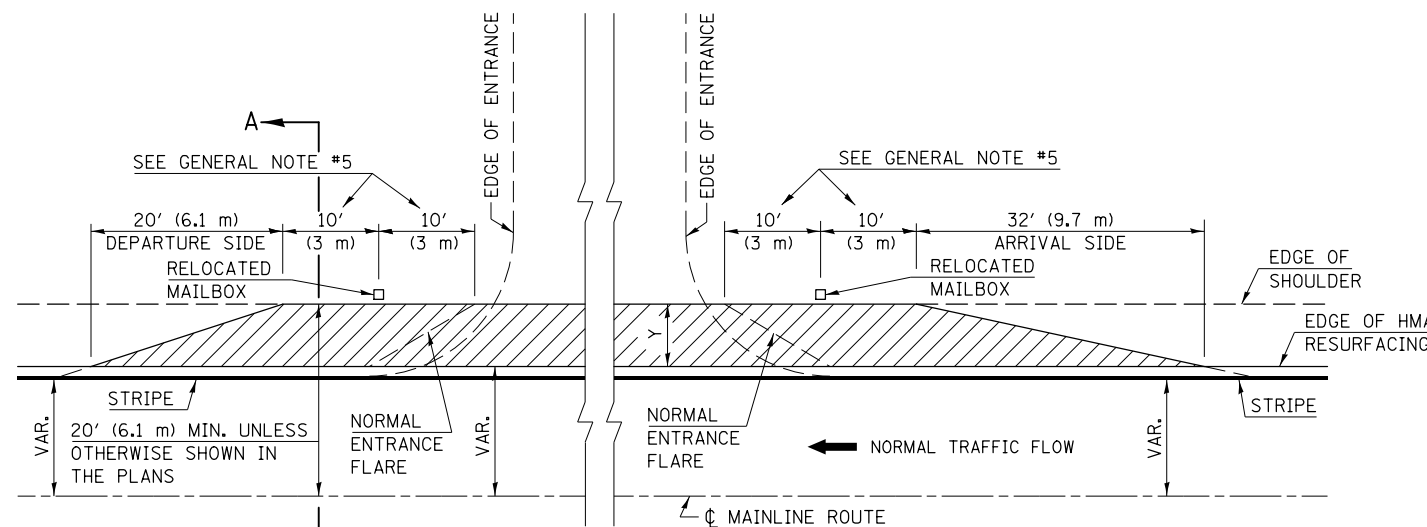
("3R" IMPROVEMENTS)



WIDTH OF SHOULDER	4'-0" - 8'-0" (1.2 m - 2.4 m)	10'-0" (3.0 m)
WIDTH OF TURNOUT "Y"	8'-0" (2.4 m)	8'-0" - 10'-0" (2.4 m - 3.0 m)



SECTION A-A



TYPICAL MAILBOX TURNOUT PLACEMENT ADJACENT TO ENTRANCE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 12/11/06 TJB
ce:\pwork\pwork\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED - 09/21/07 KAG
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUT (RURAL)

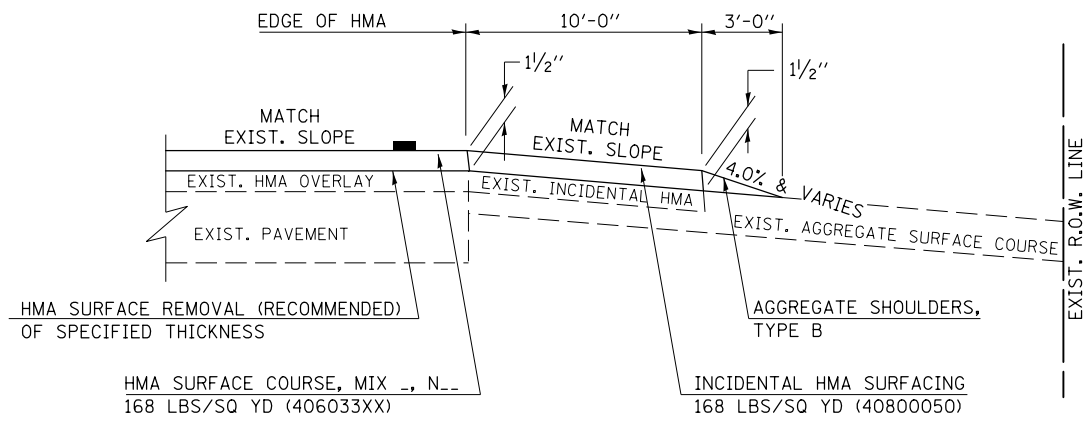
SCALE: NA SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. 4080050B

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	230
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 70844	

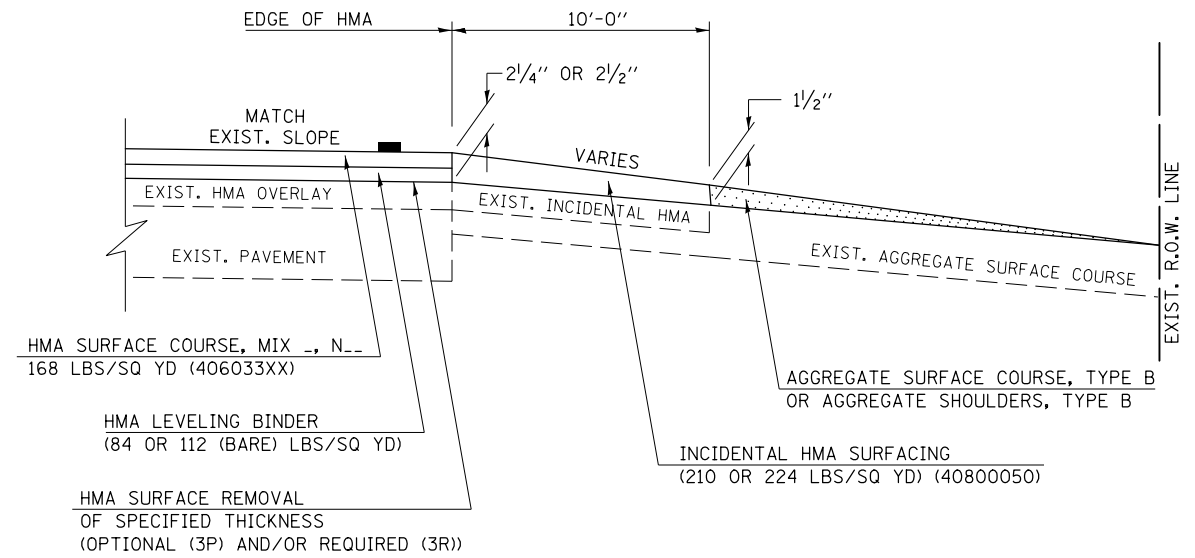
PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.03; 1/2")

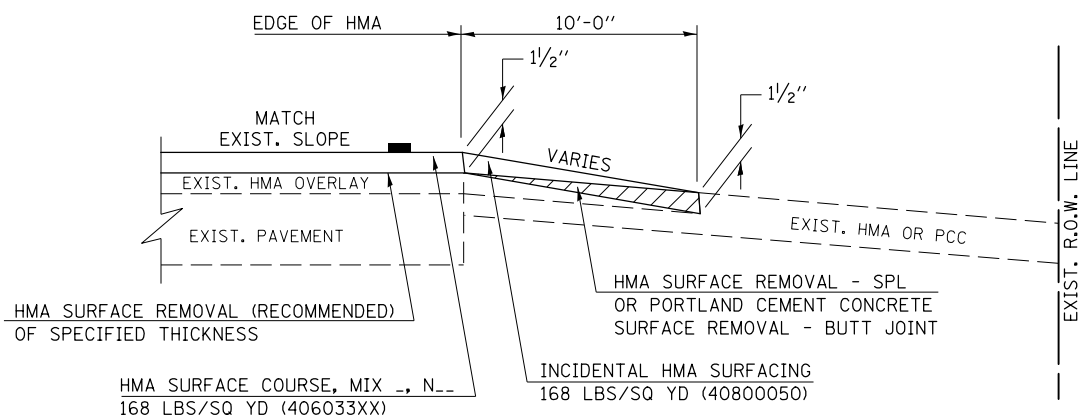


EXISTING AGGREGATE ENTRANCE

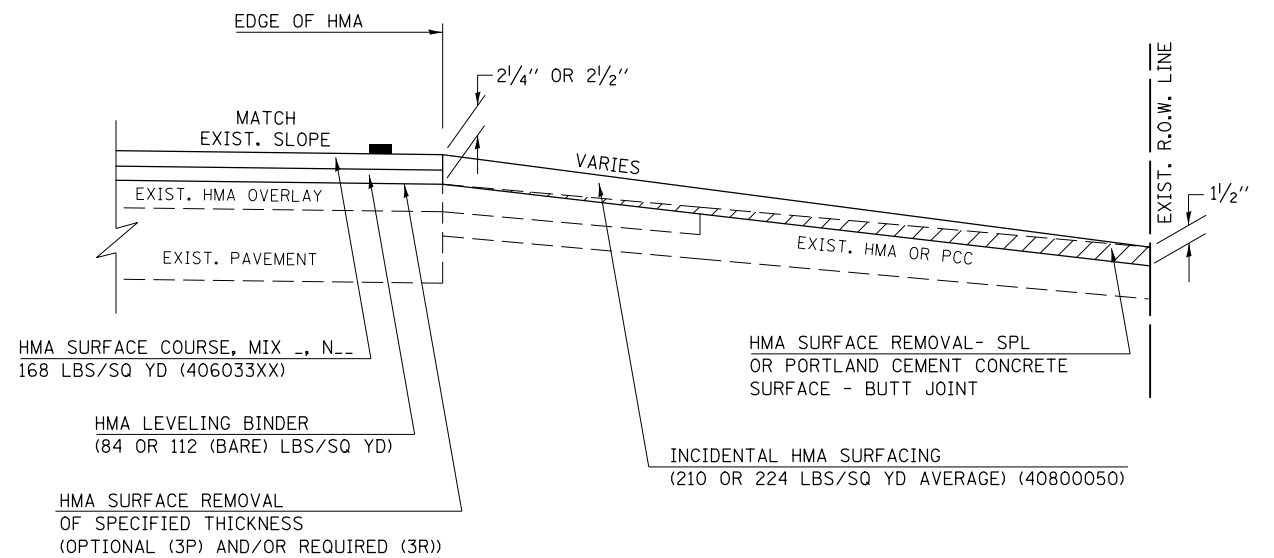
"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2 1/4" OR 2 1/2" ON BARE CONCRETE)



EXISTING AGGREGATE ENTRANCE



EXISTING HMA OR PCC ENTRANCE



EXISTING HMA OR PCC ENTRANCE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED - 12/08/06 TJB
et:\pwork\pwork\ceerlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED - 09/21/07 KAG
		CHECKED -	REVISED - 05/02/08 KJT
		DATE -	REVISED - 04/23/10 KJT

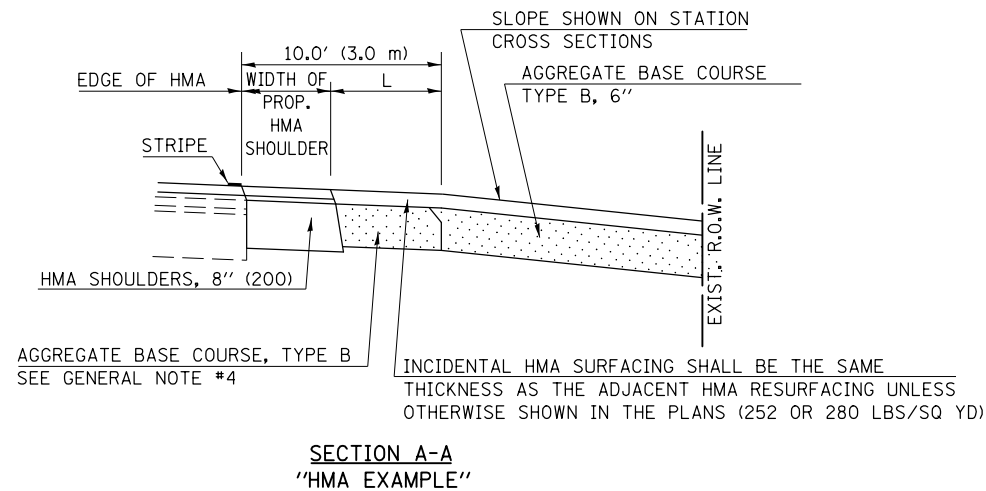
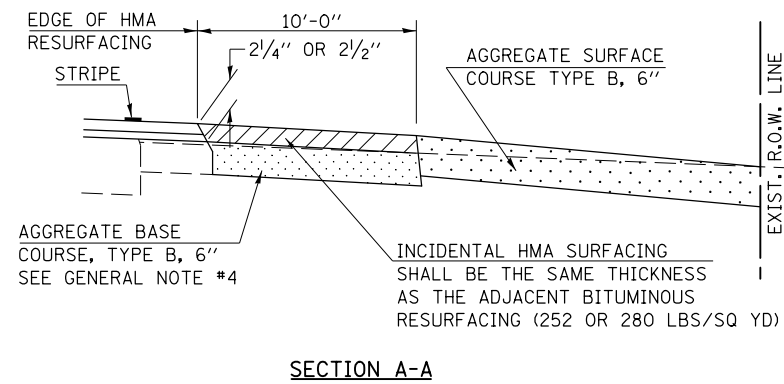
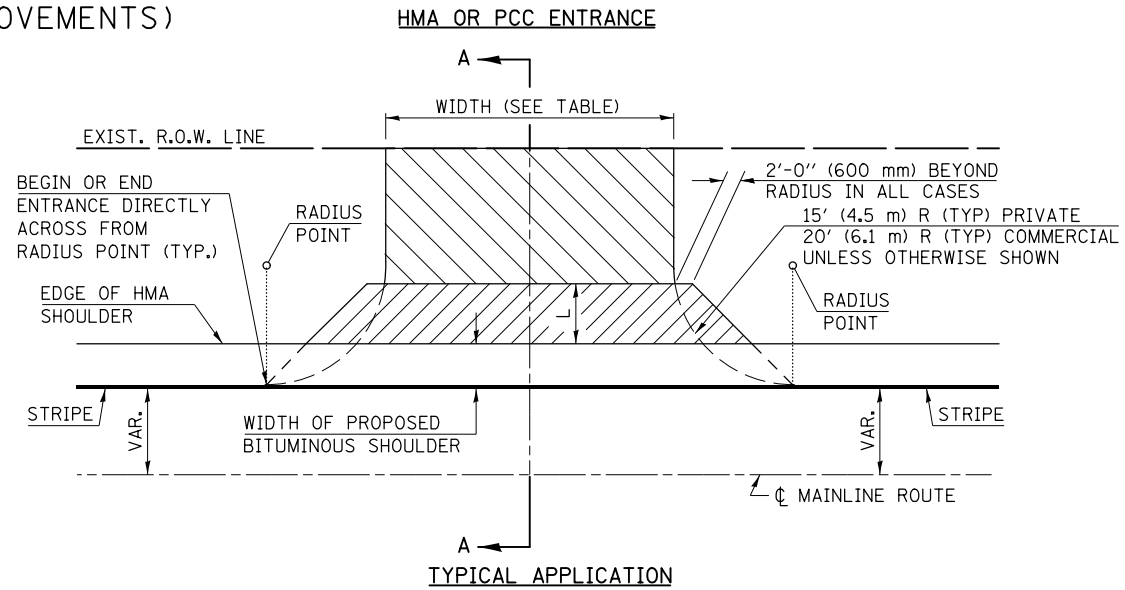
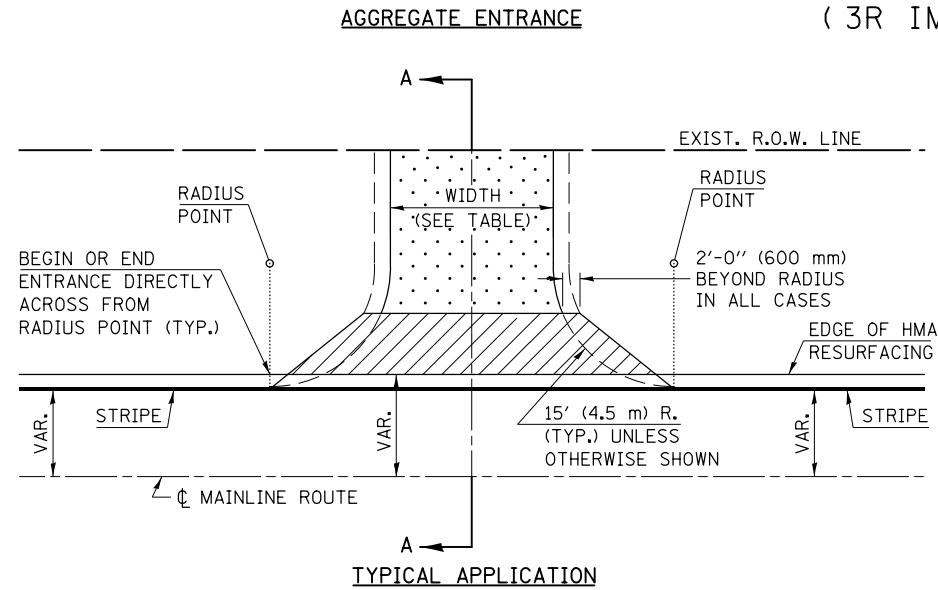
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PRIVATE AND COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)	
SCALE: NA	SHEET NO. 1 OF 2 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	231
CONTRACT NO. 70844				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROJECTS WITH RECONSTRUCTION

(3R IMPROVEMENTS)



GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)															
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with RECONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM								
	NONCOMMERCIAL						NONCOMMERCIAL								
	PRIVATE & FIELD			FIELD W/ FARM IMPLEMENTS			COMMERCIAL			PRIVATE & FIELD			COMMERCIAL		
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.	
SURFACE WIDTH (FT)	12, 16, 24, 24, 30						1 LANE, 1 WAY						1 LANE, 1 WAY		
							2 LANE, 2 WAY						2 LANE, 2 WAY		
RADIUS (FT)	15	25	40	30		20	30	50	resurface existing configuration; existing hma or pcc entrances shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
SHOULDER WIDTH (FT)	2	2		2		1	3								
SHOULDER SLOPE (%)	2	4	6	4		2	4	6							
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10							
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4							
SURFACE TYPE															
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" for "butt joints" and to minimize aggregate shoulder						
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02						
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8							

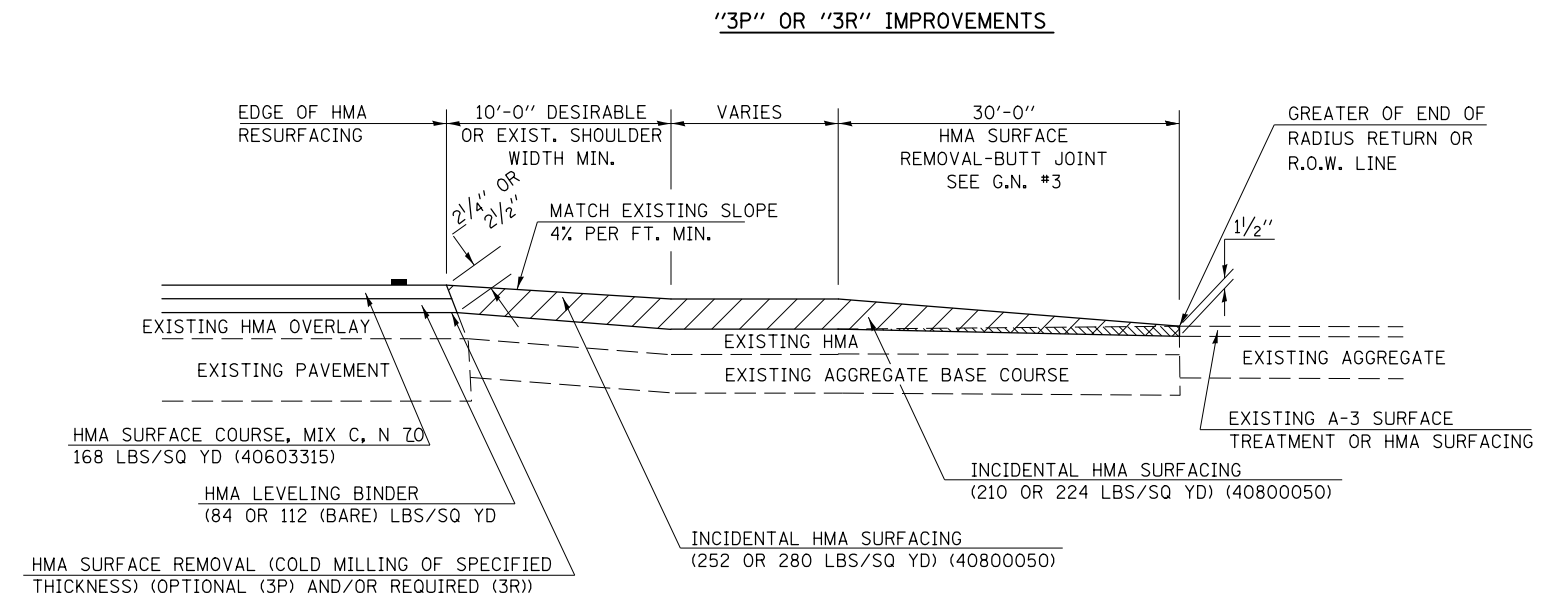
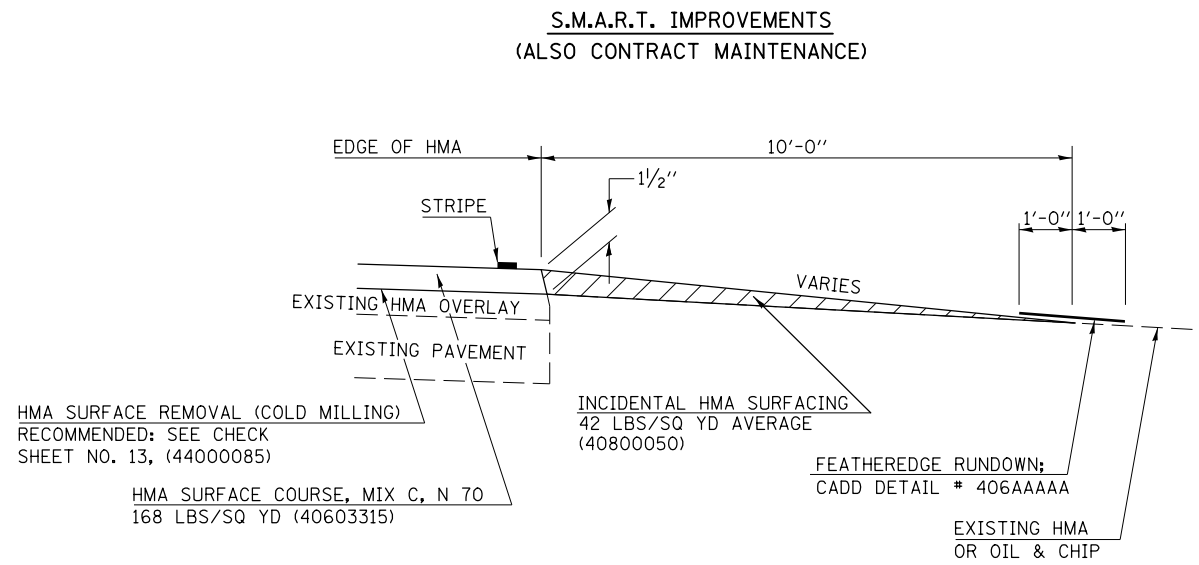
FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 12/08/06 TJB
et:\pw\work\p\midot\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED - 09/21/07 KAG
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 05/02/08 KJT
	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

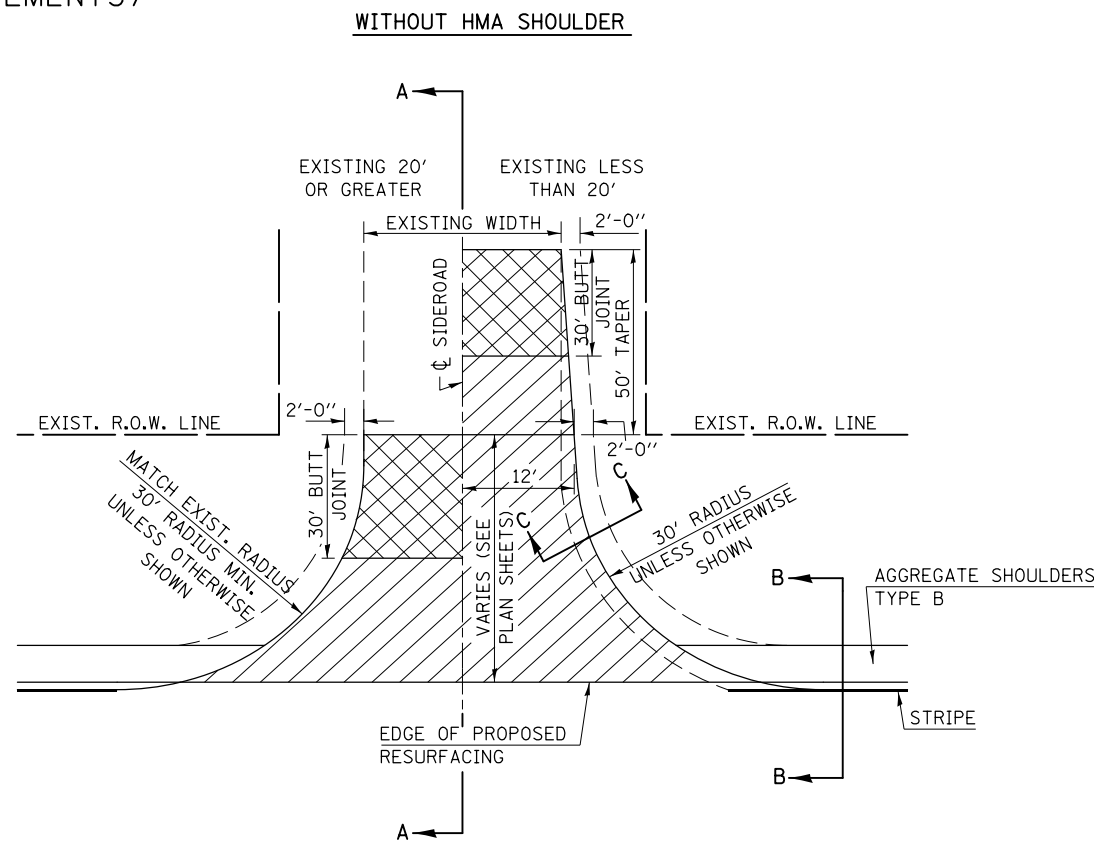
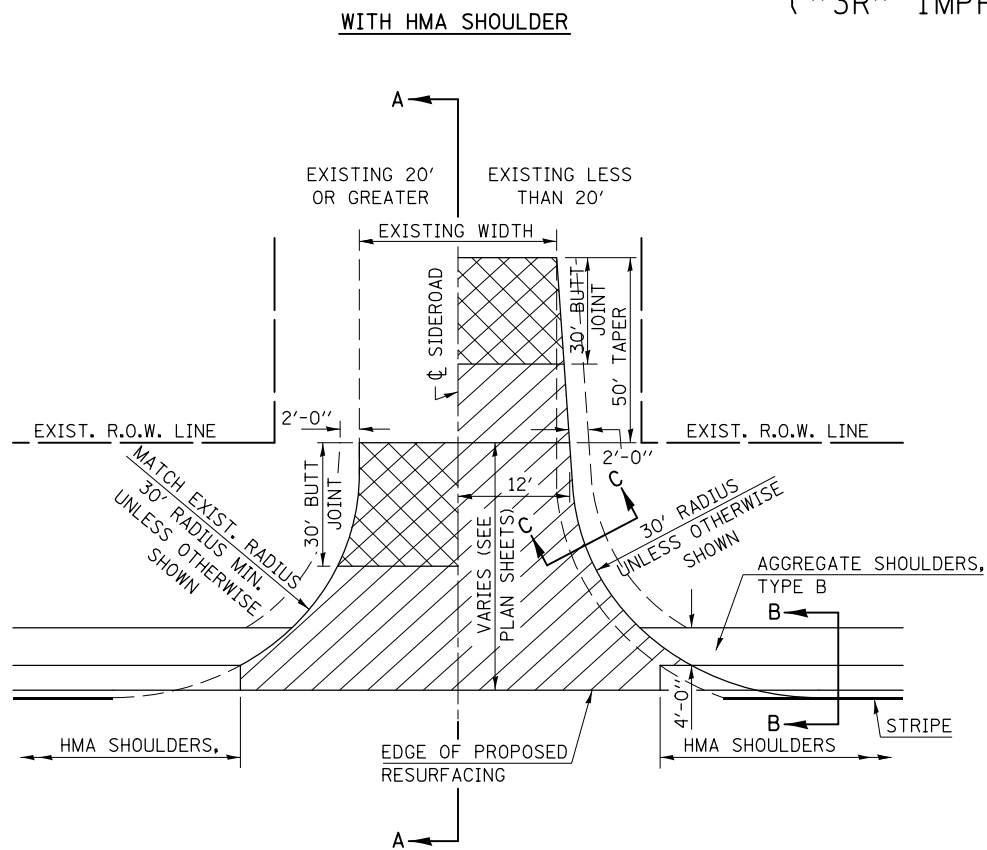
PRIVATE AND COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)			
SCALE: NA	SHEET NO. 2 OF 2 SHEETS	STA. ----- TO STA. -----	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	232
CONTRACT NO. 70844				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION



PROJECTS WITH RECONSTRUCTION ("3R" IMPROVEMENTS)



GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS
2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. MAJOR SIDEROAD/SIDESTREETS (>400 ADT) SHALL HAVE "BUTT JOINTS" CONSTRUCTED WHETHER THE EXISTING ENTRANCE IS HMA OR PCC. MINOR SIDEROAD/SIDESTREETS (<400 ADT) SHALL HAVE "FEATHEREDGE RUNDOWNS".
4. AGGREGATE BASE COURSE, TYPE B OF THE THICKNESS SPECIFIED IN THE PLANS 6" MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT 6" EXISTING BASE MATERIAL FOR THE PROPOSED SIDEROAD RETURNS. THIS MATERIAL SHALL BE USED TO WIDEN SIDEROAD RETURNS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 1' WIDER THAN THE SURFACE DIMENSIONS.
6. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. TAPER WIDTH FROM 4' ALONG MAINLINE TO 2' AT BACK OF RETURN.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 40800AA

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED - 12/13/06 TJB
ei:\pwork\pwork\ceerlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED - 09/21/07 KAG
		CHECKED -	REVISED - 12/21/09 KJT
		DATE -	REVISED -

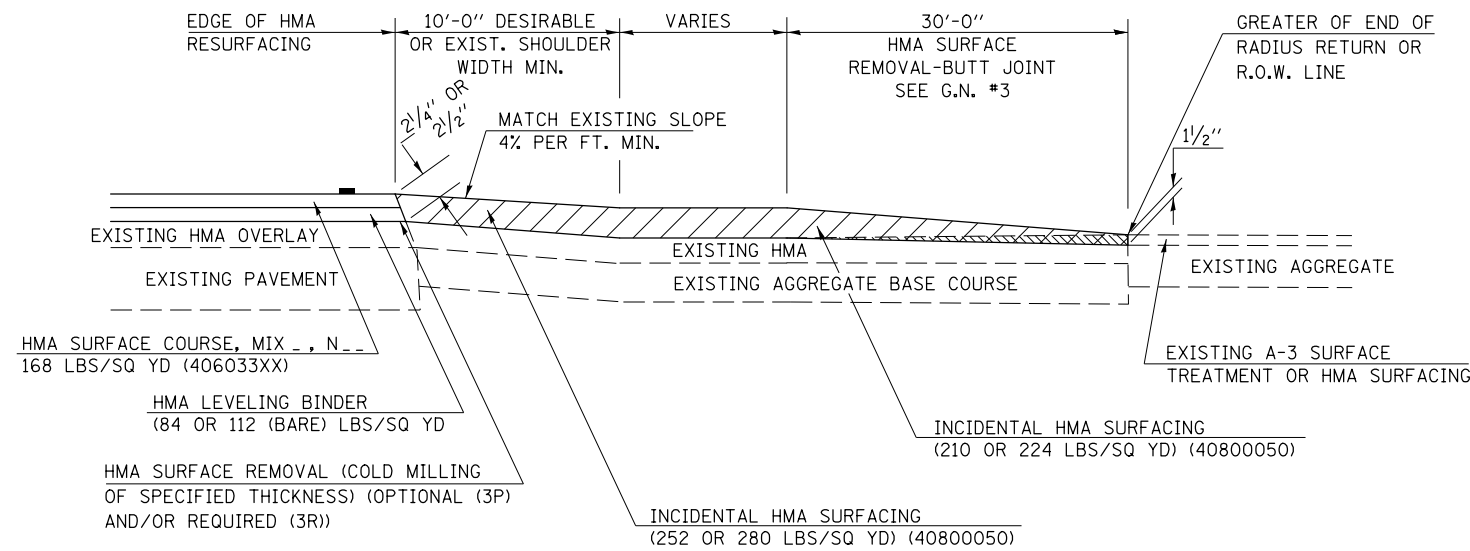
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDERoads & SIDESTREETS (RURAL)

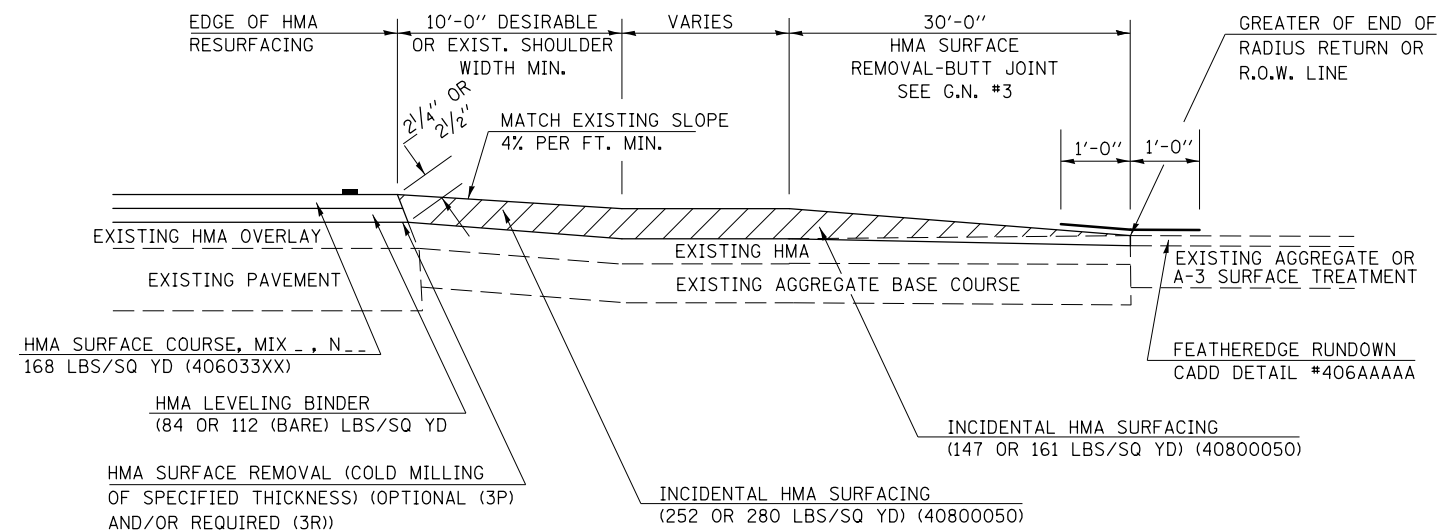
SCALE: NA SHEET NO. 1 OF 2 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	233
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70844	

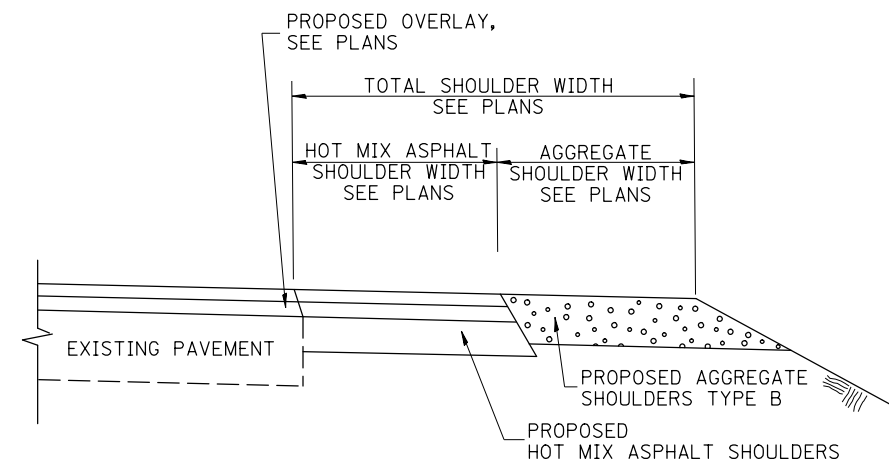
SECTION A-A
EXISTING HMA OR PCC SIDEROAD (>400 ADT)



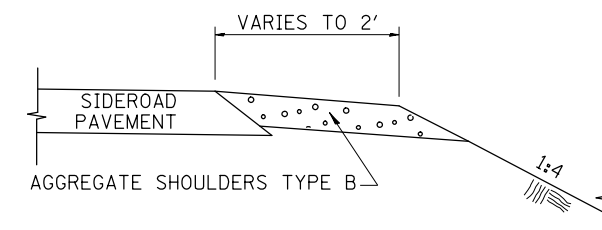
SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD (<400 ADT)



RURAL SIDEROAD DESIGN STANDARDS (PPM 40-06)									
DESIGN ELEMENT	New Construction & 3R (Existing Width Less Than 20 ft)			3R (Existing Width 20 ft or Greater) & 3P			SMART & Contract Maintenance		
	min.	des.	max.	min.	des.	max.	min.	des.	max.
SURFACE WIDTH (FT); (measured at end of radius or row line; greatest distance from edge of traveled way)	24	24	Coordinate with Geometrics Engineer	resurface existing configuration to completion of radius return or row line; greatest distance from edge of traveled way; major sideroads (> 400 adt) shall have "butt joints" constructed whether the entrance is hma or pcc; minor sideroads (< 400 adt) shall have "featheredge rundown" as shown in district cadd detail 406AAAAA					
RADIUS (FT)	30	30		resurface existing configuration with the completion of a 10 ft. featheredge rundown for ALL sideroads as shown in district cadd detail 406AAAAA					
SHOULDER WIDTH (FT)	4	8	10						
SHOULDER SLOPE (%)	2	4	12						
ENTRANCE GRADE (%)	1	1 to 4	4						
BREAKOVER (%)	0	5	10						
SIDE SLOPE	1:10	1:6	1:4						
INTERSECTION ANGLE	60	75 to 90							
SURFACE TYPE									
INCIDENTAL HMA SURFACING (INCH)	4			taper from 2 1/4" to 1 1/2" or featheredge			taper from 1 1/2" to featheredge		
AGGREGATE BASE COURSE, TYPE A (INCH)	8	4		if applicable use item: 35800100 Preparation of Base					
PCC PAVEMENT (INCH)		8							



SECTION B-B
MAINLINE SHOULDER TREATMENT



SECTION C-C
SIDEROAD SHOULDER TREATMENT

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 408000AA

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 12/13/06 TJB
ei:\pwork\pwork\pwork\ceorlockbm\d0187612\0970844-sht-details.dgn		DRAWN -	REVISED - 09/21/07 KAG
		CHECKED -	REVISED - 12/21/09 KJT
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

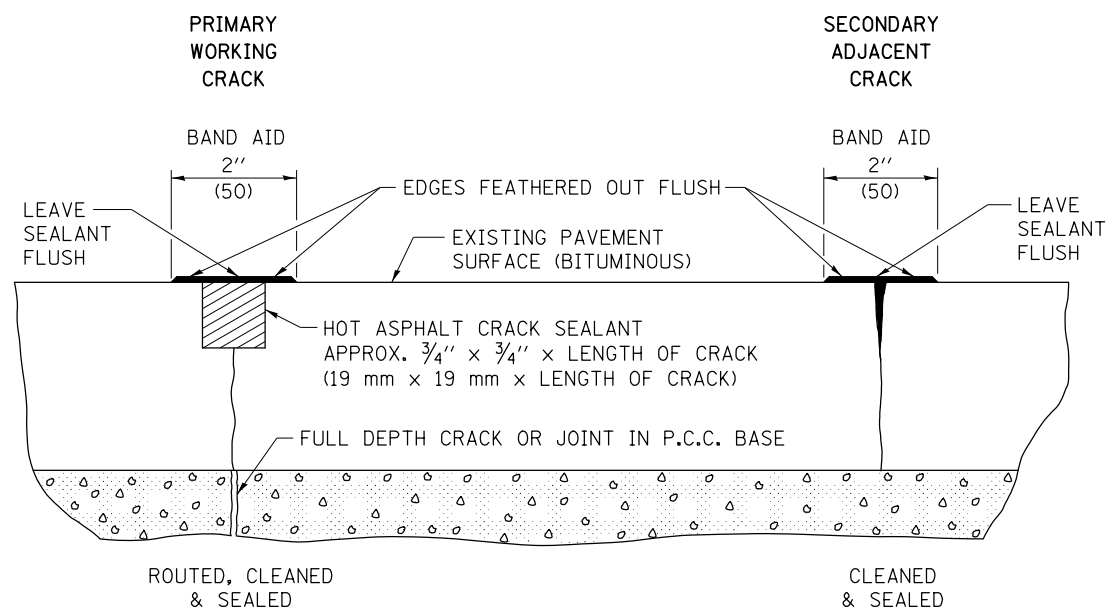
SIDEROADS & SIDESTREETS (RURAL)

SCALE: NA SHEET NO. 2 OF 2 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	234
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70844	

HMA PAVEMENT

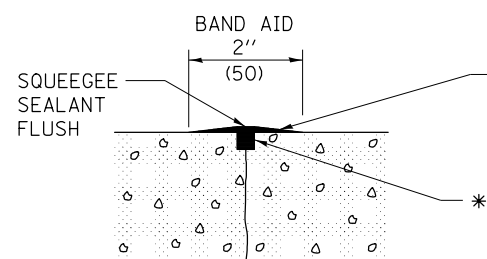
(USE PAY ITEMS : 45100100 CRACK ROUTING (PAVEMENT)
AND 45100200 CRACK FILLING)



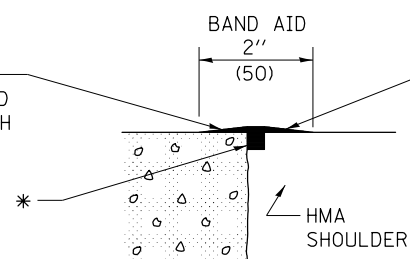
PCC PAVEMENT

(USE PAY ITEMS : 45200100 JOINT OR CRACK ROUTING (P.C.C. PAVEMENT & SHOULDER)
AND 45200300 JOINT OR CRACK FILLING)

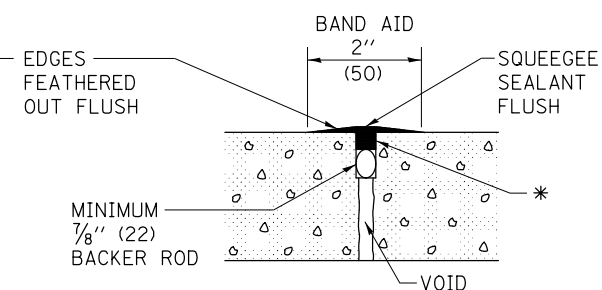
TRANSVERSE CRACKS AND JOINTS AND CENTERLINE JOINT



LONGITUDINAL SHOULDER JOINT

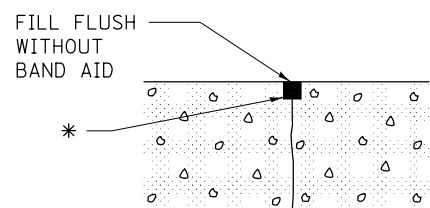


ANY WIDE LONGITUDINAL JOINT OR CRACK

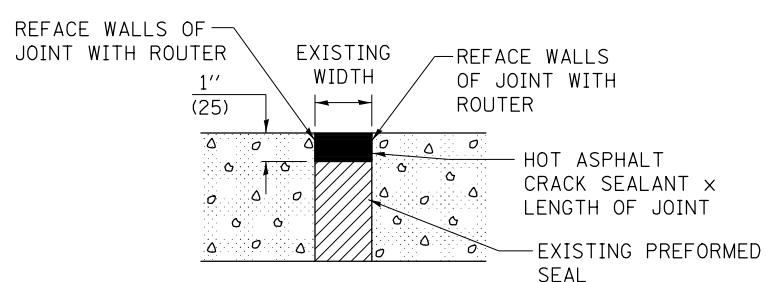


* HOT ASPHALT CRACK SEALANT
APPROX. 3/4" x 3/4" x LENGTH OF CRACK.
ACTUAL QUANTITY WILL VARY AS NEEDED FOR
PRIMARY OR SECONDARY WORKING CRACK.

LONGITUDINAL RANDOM CRACK



TRANSVERSE EXPANSION JOINT



Note: All dimensions are in INCHES
(millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED - 12/06
et:\pw\work\p\dot\ceerlockbm\d0187612\08	70844-sht-details.dgn	DRAWN -	REVISED - 08/07
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 12/08
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

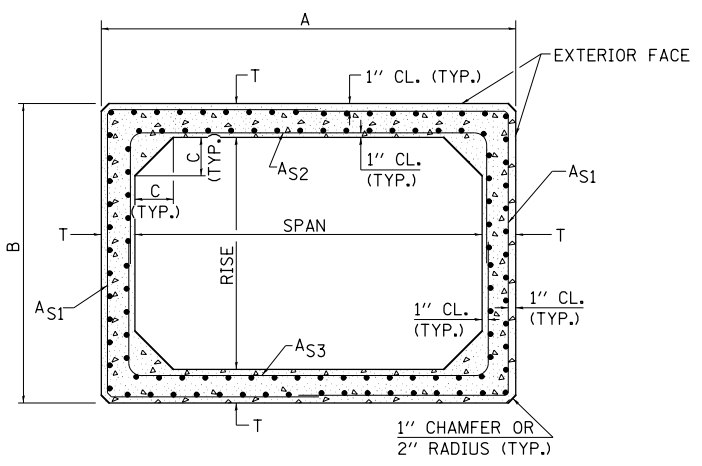
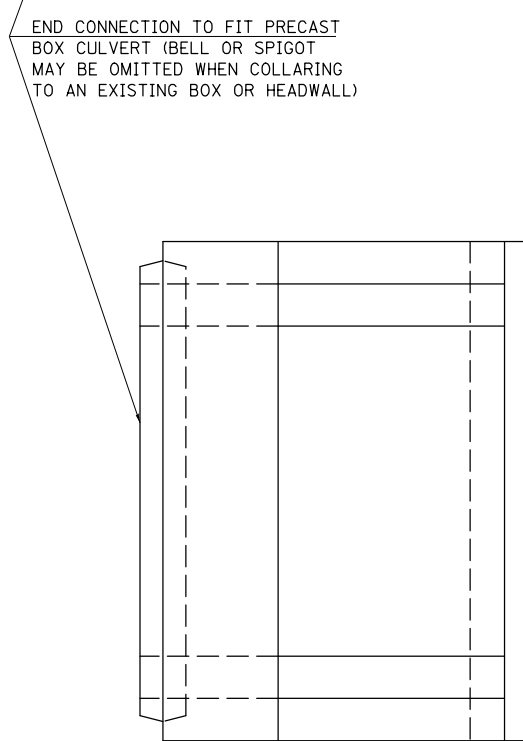
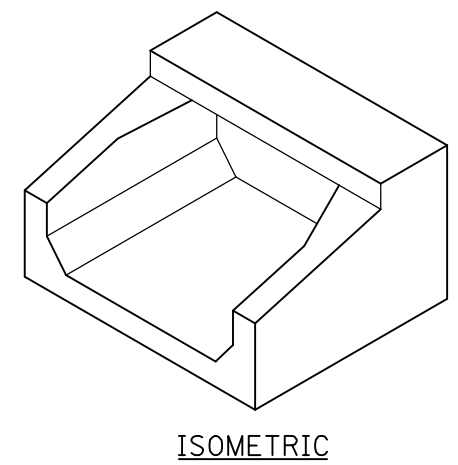
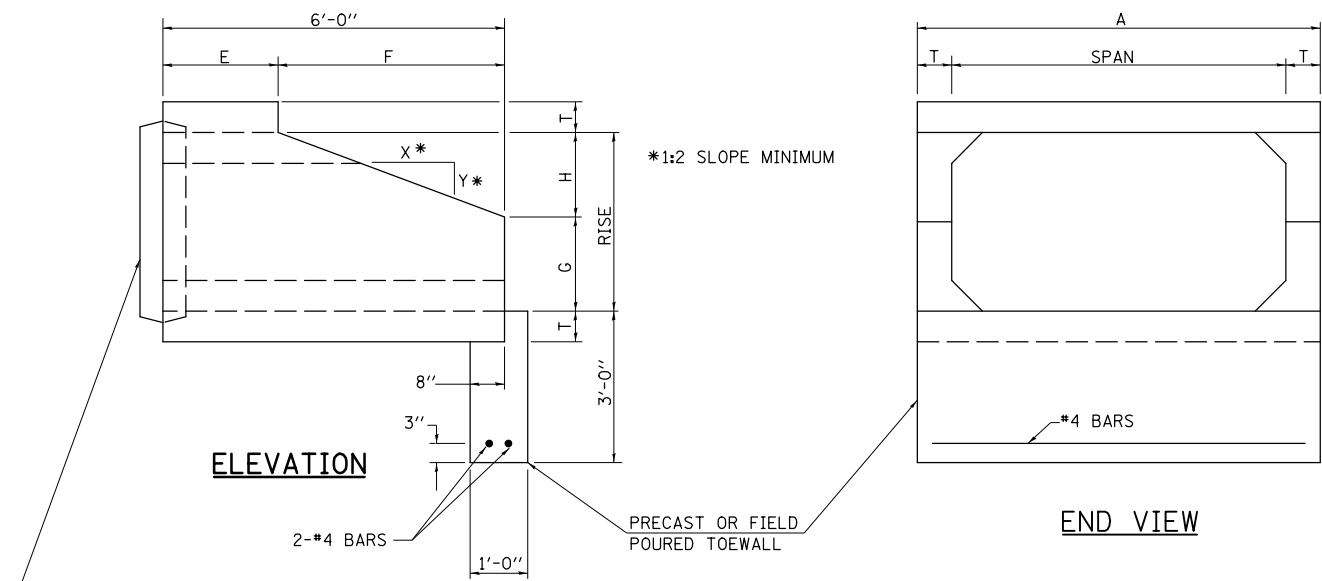
CRACK AND JOINT SEALING

SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. 45AAAAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	235
			CONTRACT NO. 70844	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DIMENSIONS **

SPAN X RISE	T (INCHES)	A (FT.-IN.)	B (FT.-IN.)	C (INCHES)	E (FT.-IN.)	F (FT.-IN.)	G (FT.-IN.)	H (FT.-IN.)	SLOPE (X:Y)
2' X 2'	4	2-8	2-8	4	3-0	3-0	1-0	1-0	1:3
3' X 2'	4	3-8	2-8	4	3-0	3-0	1-0	1-0	1:3
3' X 3'	4	3-8	3-8	4	2-0	4-0	1-8	1-4	1:3
4' X 2'	5	4-10	2-10	5	3-0	3-0	1-0	1-0	1:3
4' X 3'	5	4-10	3-10	5	2-0	4-0	1-8	1-4	1:3
4' X 4'	5	4-10	4-10	5	2-0	4-0	2-0	2-0	1:2
5' X 2'	6	6-0	3-0	6	3-0	3-0	1-0	1-0	1:3
5' X 3'	6	6-0	4-0	6	2-0	4-0	1-8	1-4	1:3
5' X 4'	6	6-0	5-0	6	2-0	4-0	2-0	2-0	1:2
5' X 5'	6	6-0	6-0	6					
6' X 2'	7	7-2	3-2	7	3-0	3-0	1-0	1-0	1:3
6' X 3'	7	7-2	4-2	7	2-0	4-0	1-8	1-4	1:3
6' X 4'	7	7-2	5-2	7	2-0	4-0	2-0	2-0	1:2
6' X 5'	7	7-2	6-2	7	2-0	4-0	3-0	2-0	1:2
6' X 6'	7	7-2	7-2	7	2-0	4-0	4-0	2-0	1:2
7' X 4'	8	8-4	5-4	8	2-0	4-0	2-0	2-0	1:2
7' X 5'	8	8-4	6-4	8	2-0	4-0	3-0	2-0	1:2
7' X 6'	8	8-4	7-4	8	2-0	4-0	4-0	2-0	1:2
7' X 7'	8	8-4	8-4	8	2-0	4-0	5-0	2-0	1:2
8' X 4'	8	9-4	5-4	8	2-0	4-0	2-0	2-0	1:2
8' X 5'	8	9-4	6-4	8	2-0	4-0	3-0	2-0	1:2
8' X 6'	8	9-4	7-4	8	2-0	4-0	4-0	2-0	1:2
8' X 7'	8	9-4	8-4	8	2-0	4-0	5-0	2-0	1:2
8' X 8'	8	9-4	9-4	8	2-0	4-0	6-0	2-0	1:2
9' X 5'	9	10-6	6-6	9	2-0	4-0	3-0	2-0	1:2
9' X 6'	9	10-6	7-6	9	2-0	4-0	4-0	2-0	1:2
9' X 7'	9	10-6	8-6	9	2-0	4-0	5-0	2-0	1:2
9' X 8'	9	10-6	9-6	9	2-0	4-0	6-0	2-0	1:2
9' X 9'	9	10-6	10-6	9	2-0	4-0	7-0	2-0	1:2
10' X 5'	10	11-8	6-8	10	2-0	4-0	3-0	2-0	1:2
10' X 6'	10	11-8	7-8	10	2-0	4-0	4-0	2-0	1:2
10' X 7'	10	11-8	8-8	10	2-0	4-0	5-0	2-0	1:2
10' X 8'	10	11-8	9-8	10	2-0	4-0	6-0	2-0	1:2
10' X 9'	10	11-8	10-8	10	2-0	4-0	7-0	2-0	1:2
10' X 10'	10	11-8	11-8	10	2-0	4-0	8-0	2-0	1:2
11' X 4'	11	12-10	5-10	11	2-0	4-0	2-0	2-0	1:2
11' X 6'	11	12-10	7-10	11	2-0	4-0	4-0	2-0	1:2
11' X 8'	11	12-10	9-10	11	2-0	4-0	6-0	2-0	1:2
11' X 10'	11	12-10	11-10	11	2-0	4-0	8-0	2-0	1:2
11' X 11'	11	12-10	12-10	11	2-0	4-0	9-0	2-0	1:2
12' X 4'	12	14-0	6-0	12	2-0	4-0	2-0	2-0	1:2
12' X 6'	12	14-0	8-0	12	2-0	4-0	4-0	2-0	1:2
12' X 8'	12	14-0	10-0	12	2-0	4-0	6-0	2-0	1:2
12' X 10'	12	14-0	12-0	12	2-0	4-0	8-0	2-0	1:2
12' X 12'	12	14-0	14-0	12	2-0	4-0	10-0	2-0	1:2



CROSS SECTION

PLAN

GENERAL NOTES

SHOP DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 1042.03(b) OF THE STANDARD SPECIFICATIONS.

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED WITH MASTIC IN ACCORDANCE WITH SECTION 1055 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS AS1, AS2, & AS3 DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN AASHTO M259. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO AASHTO M55-81.

⬡ "NON-STANDARD PRECAST CONCRETE BOX CULVERT (ASTM) DESIGNS"; STANDARD PCBC (ASTM) DESIGNS ARE PREFERRED.

**** NOTE:**

THE DIMENSIONS INDICATED ARE FOR END SECTIONS THAT ARE TO BE USED WITH PRECAST BOX CULVERT SECTIONS DESIGNED FOR 2' OR MORE OF FILL (AASHTO M259). THE DIMENSIONS MAY BE MODIFIED FOR THE END SECTION TO BE COMPATIBLE WITH PRECAST CULVERT SECTIONS DESIGNED FOR LESS THAN 2' OF FILL (AASHTO M273).

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

STD. 9-50 (FROM DISTRICT 9)

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - TJB 1/5/11
ce:\pwwork\pwwork\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN - JDC	REVISED - NJF 6/27/11
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 10/10/2014		DATE - 12/29/08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

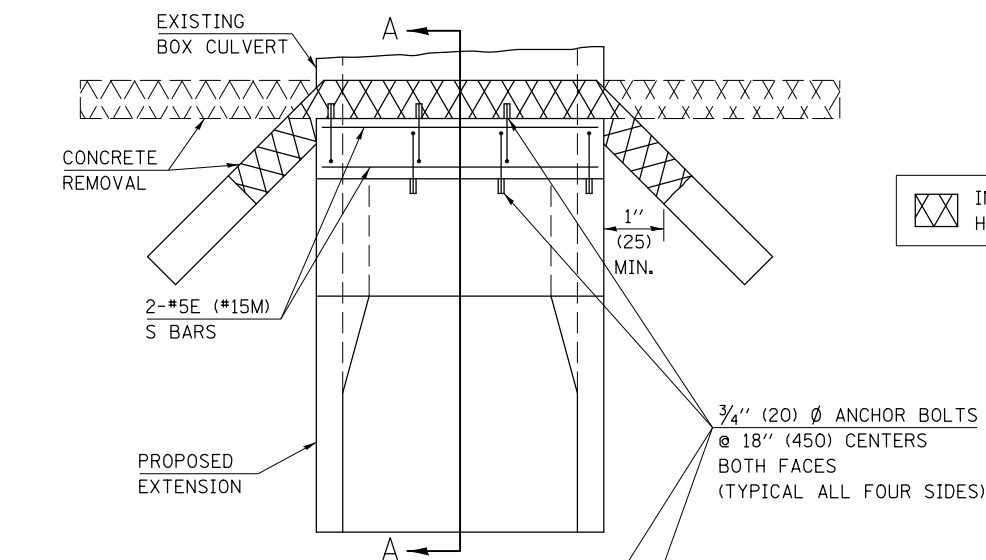
**BOX CULVERT END SECTION
(PRECAST OPTION)**

SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. 54001AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	236
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

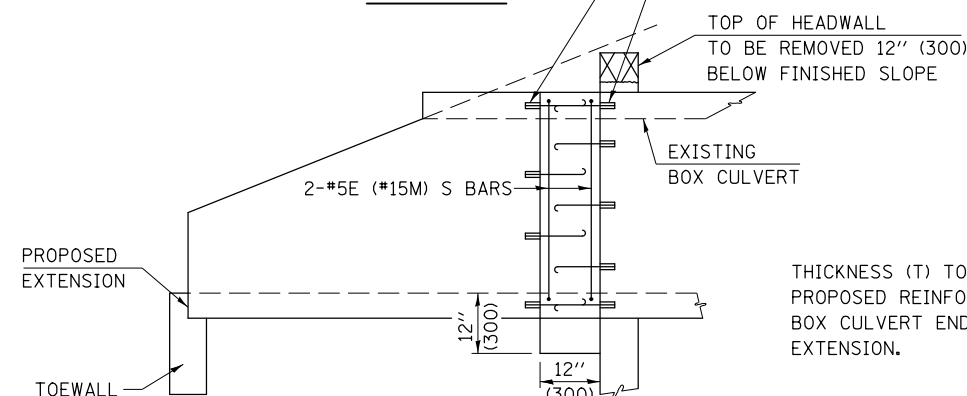
WITH PRECAST END SECTION



INDICATES CONCRETE HEADWALL REMOVAL

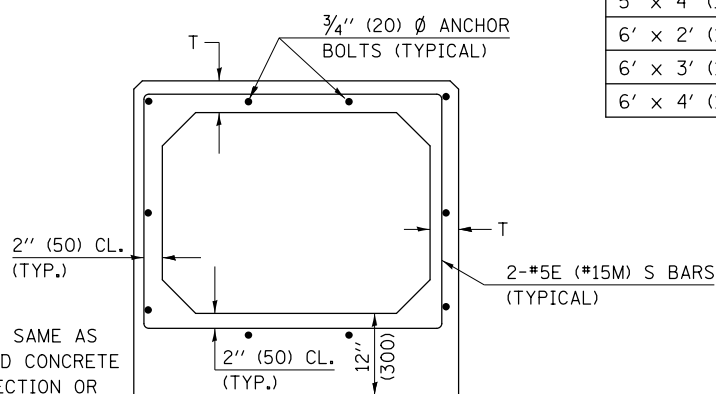
3/4" (20) Ø ANCHOR BOLTS @ 18" (450) CENTERS BOTH FACES (TYPICAL ALL FOUR SIDES)

PLAN VIEW



SECTION A-A

THICKNESS (T) TO BE SAME AS PROPOSED REINFORCED CONCRETE BOX CULVERT END SECTION OR EXTENSION.



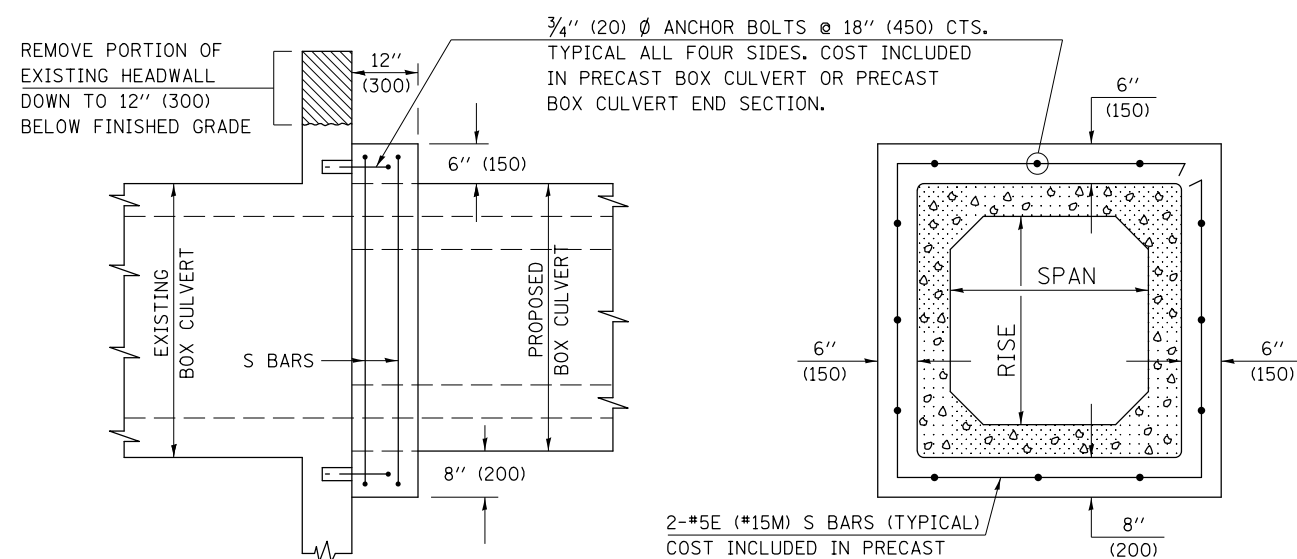
END VIEW

TABULATION		
SPAN x RISE	CLASS SI CONC. CU. YD. (m ³) (EST.)	EXPANSION BOLTS (EACH)
2' x 2' (600 x 600)	0.26 (0.20)	8
3' x 2' (900 x 600)	0.30 (0.23)	8
3' x 3' (900 x 900)	0.34 (0.26)	8
4' x 2' (1200 x 600)	0.36 (0.28)	10
4' x 3' (1200 x 900)	0.39 (0.30)	10
4' x 4' (1200 x 1200)	0.43 (0.33)	12
5' x 2' (1500 x 600)	0.41 (0.31)	12
5' x 3' (1500 x 900)	0.45 (0.34)	12
5' x 4' (1500 x 1200)	0.49 (0.37)	14
6' x 2' (1800 x 600)	0.47 (0.36)	14
6' x 3' (1800 x 900)	0.51 (0.39)	14
6' x 4' (1800 x 1200)	0.54 (0.41)	16

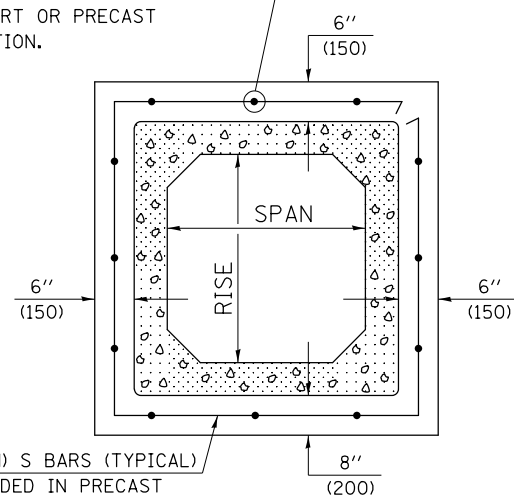
GENERAL NOTES

- ANCHOR BOLTS, MEETING THE REQUIREMENTS OF ARTICLE 1006.09 OF THE STANDARD SPECIFICATIONS, SHALL EXTEND A MINIMUM OF 9" (225 mm) INTO THE NEW CONCRETE.
- REINFORCEMENT BARS SHALL MEET THE REQUIREMENTS OF ARTICLE 1006.10 OF THE STANDARD SPECIFICATIONS.
- CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
- THE PRECAST END SECTION WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR BOX CULVERT END SECTIONS OF THE CULVERT NUMBER SPECIFIED WHICH PRICE SHALL INCLUDE THE CONCRETE COLLAR, ANCHOR BOLTS, REINFORCEMENT AND TOEWALL IF ANY.
- ANY PRECAST BOX CULVERT BARREL SECTIONS PLACED AS PART OF THE EXTENSION WILL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 540 OF THE SPECIFICATIONS EXCEPT THAT END SECTIONS WILL BE PAID FOR AS STATED ABOVE.

WITH PRECAST BOX CULVERT



SIDE VIEW



END VIEW

GENERAL NOTES

- THIS WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTIONS 503 AND 540 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT WHEN PRECAST END SECTIONS ARE USED, THE CONCRETE COLLAR, EXPANSION BOLTS, AND REINFORCEMENT BARS SHOWN ON THIS DETAIL SHALL BE INCLUDED IN THE PAY ITEM FOR BOX CULVERT END SECTIONS.
- WHEN CAST-IN-PLACE END SECTIONS ARE USED, THE VARIOUS ITEMS FOR CONCRETE BOX CULVERTS, REINFORCEMENT BARS, AND EXPANSION BOLTS WILL BE COMPUTED AND INCLUDED IN THE PLAN QUANTITIES FOR THESE PAY ITEMS.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 12/06
ce:\pwork\pwork\ceorlockbm\d0187612\0870844-sht-detail.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

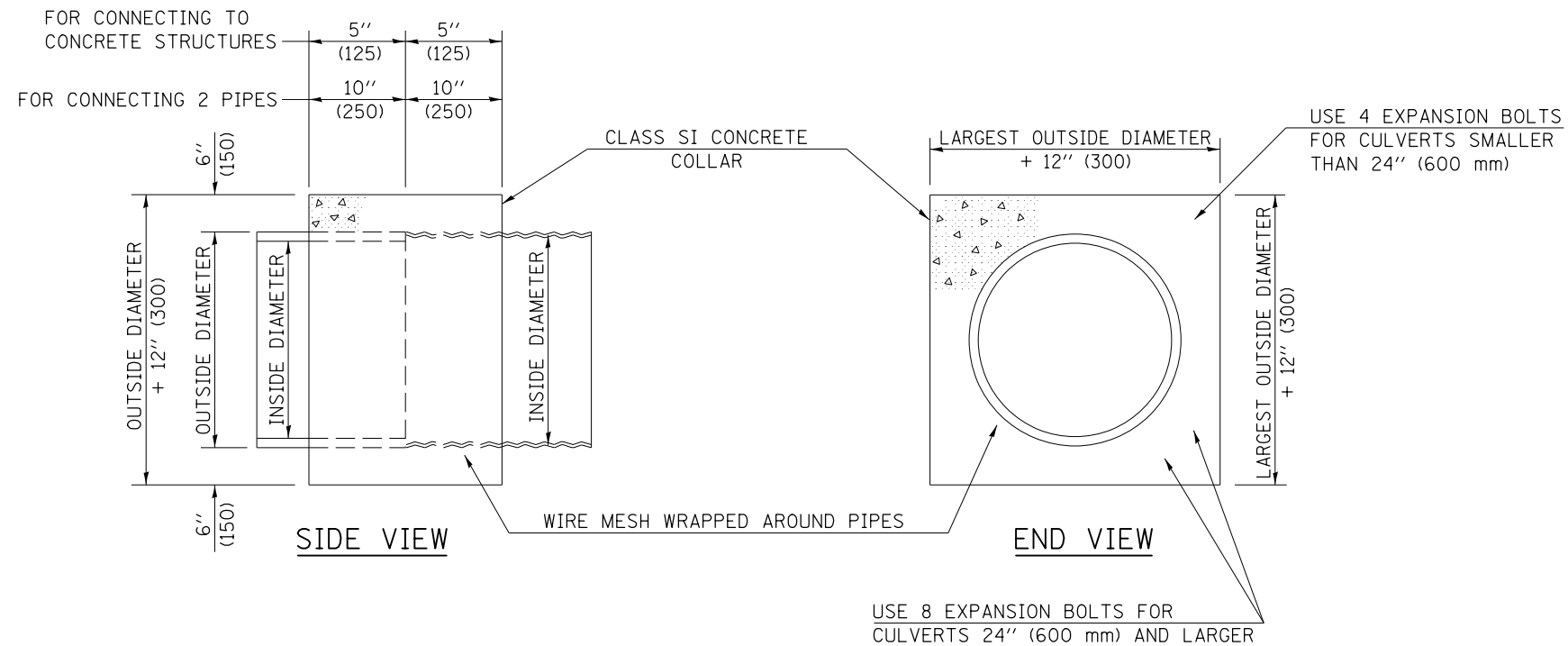
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOX CULVERT EXTENSION

SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. 5400AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	237
				CONTRACT NO. 70844
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m²).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

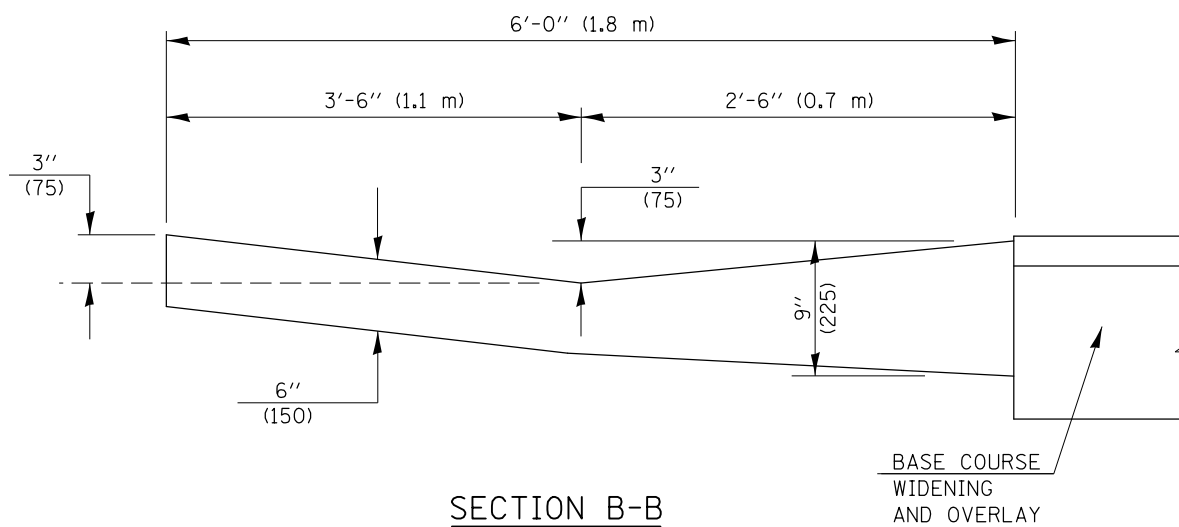
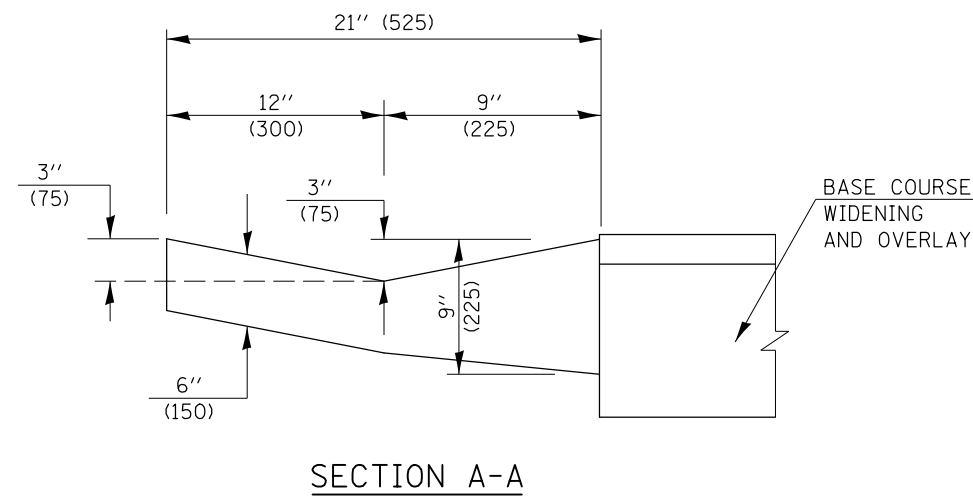
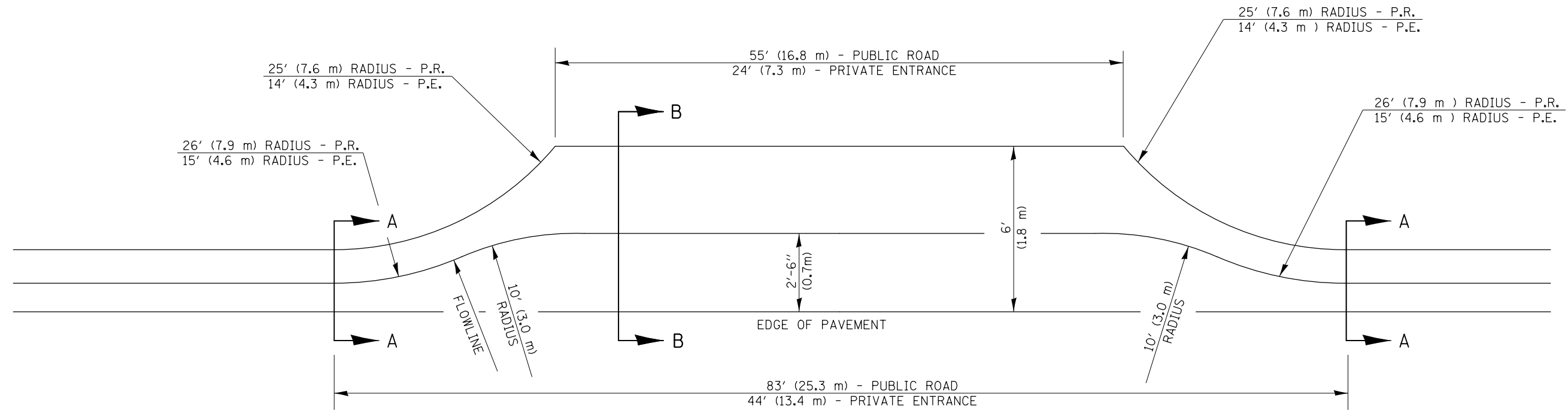
QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (0.35)
30" (750)	0.57 (0.43)
36" (900)	0.69 (0.53)
42" (1050)	0.83 (0.63)
48" (1200)	0.97 (0.74)
54" (1350)	1.12 (0.86)
60" (1500)	1.28 (0.98)

QUANTITIES FOR METAL PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.12 (0.09)
6" (150)	0.14 (0.11)
8" (200)	0.16 (0.12)
10" (250)	0.19 (0.14)
12" (300)	0.21 (0.16)
15" (375)	0.25 (0.19)
18" (450)	0.29 (0.22)
24" (600)	0.38 (0.29)
30" (750)	0.47 (0.36)
36" (900)	0.59 (0.45)
42" (1050)	0.69 (0.53)
48" (1200)	0.81 (0.62)
54" (1350)	0.93 (0.71)
60" (1500)	1.05 (0.81)

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 54248510

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 12/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE COLLAR			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\id\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -		SCALE: N/A	SHEET NO. 01 OF 01 SHEETS	STA. ----- TO STA. -----	326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	238
		CHECKED -	REVISED -					CONTRACT NO. 70844				
		DATE -	REVISED -									



ESTIMATED QUANTITIES

CLASS SI CONCRETE (OUTLET)	CU. YD. (m ³)
PUBLIC ROAD (P.R.)	9.1 (7.0)
PRIVATE ENTRANCE (P.E.)	4.5 (3.4)

NOTES

PRIVATE ENTRANCE BASED ON 12' (3.6 m) SURFACE AND 20' (6.1 m) RADII. PUBLIC ROADS BASED ON 24' (7.2 m) SURFACE AND 35' (10.7 m) RADII.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. SPECIAL ENTRANCE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD (CUBIC METER) FOR CLASS SI CONCRETE (OUTLET).

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 60600095C

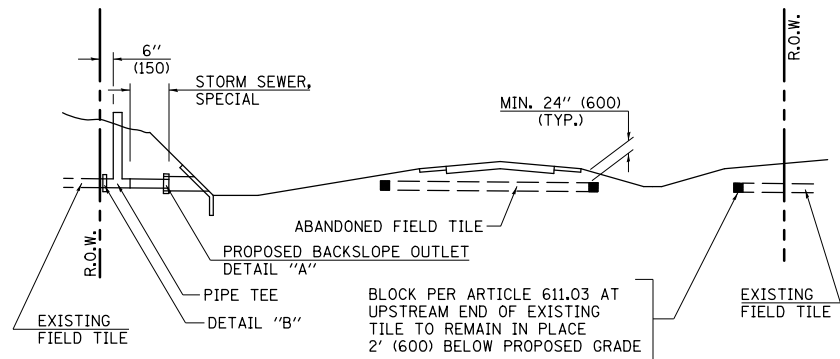
FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED - 11/06
ei:\pwork\pwork\ceerlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE FOR TYPE B GUTTER (MODIFIED)

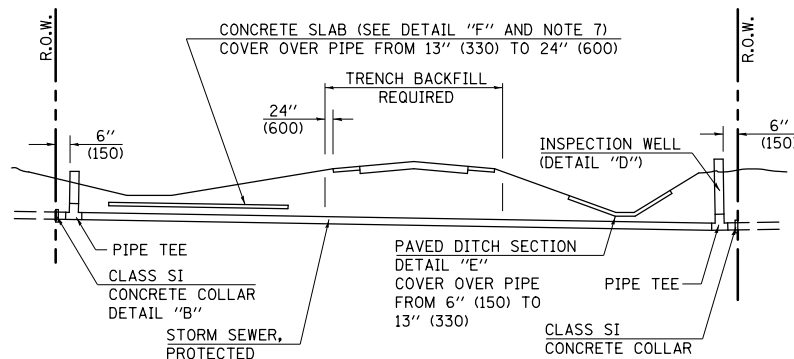
SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	239
				CONTRACT NO. 70844
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



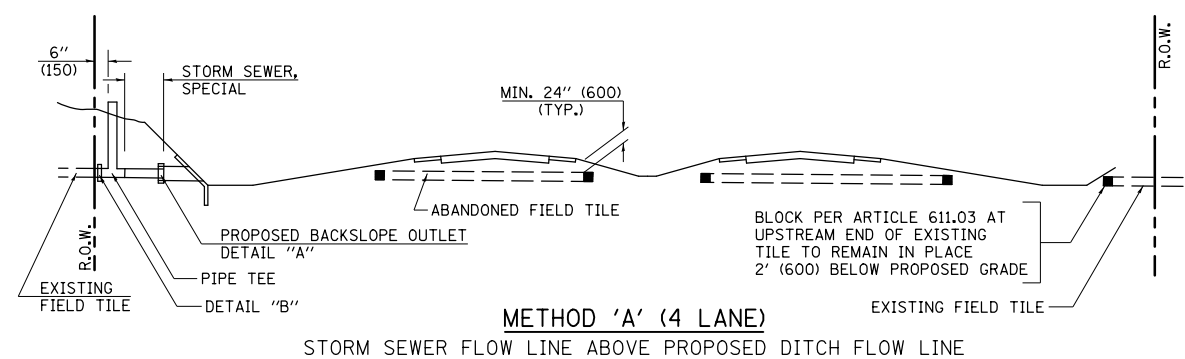
METHOD 'A' (2 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



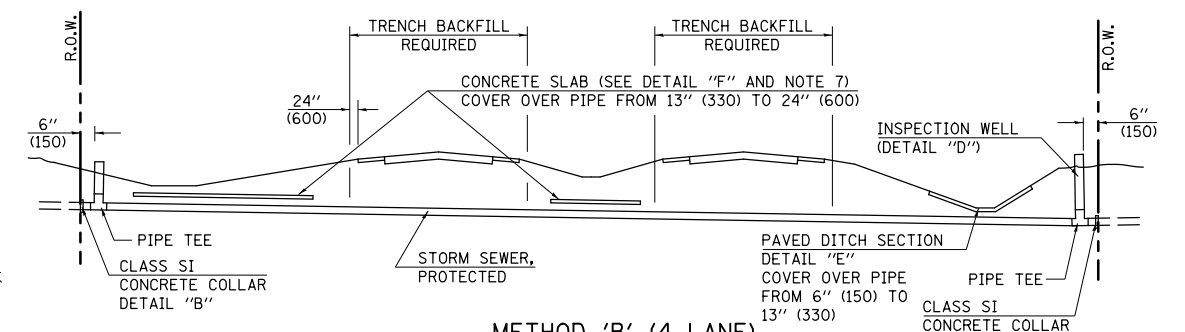
METHOD 'B' (2 LANE)

STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENT AND PAVED DITCH



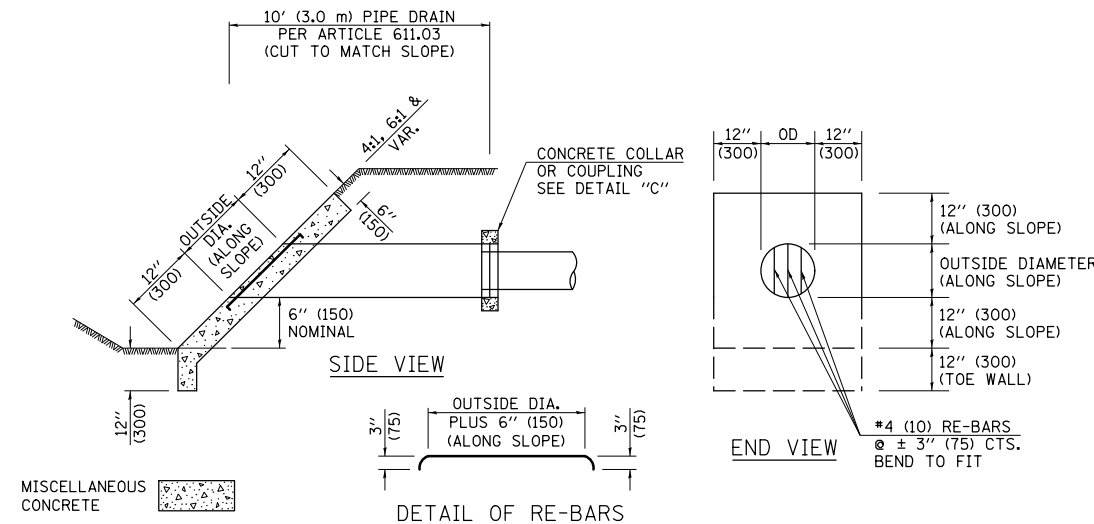
METHOD 'A' (4 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE

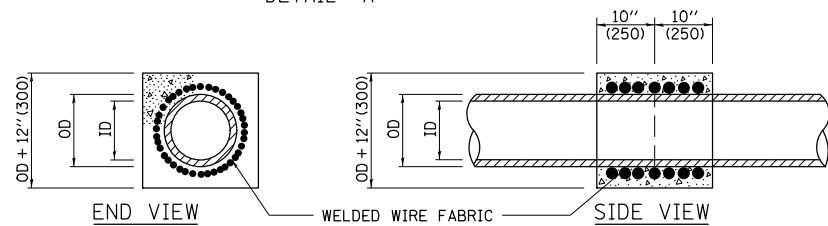


METHOD 'B' (4 LANE)

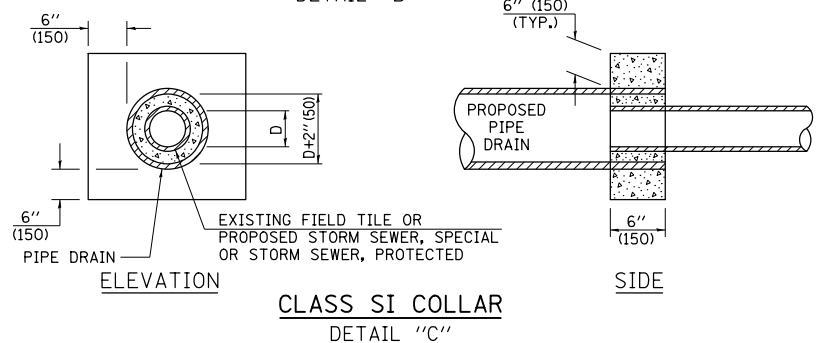
STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENTS AND PAVED DITCHES



HEADWALL FOR BACKSLOPE OUTLET
DETAIL "A"



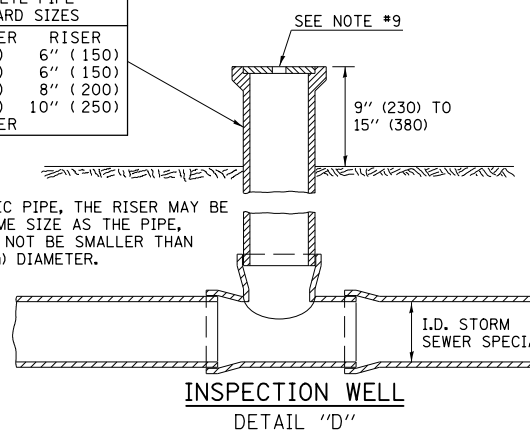
CONCRETE COLLAR
DETAIL "B"



CLASS SI COLLAR
DETAIL "C"

CONCRETE PIPE STANDARD SIZES	
STORM SEWER	RISER
6" (150)	6" (150)
8" (200)	6" (150)
10" (250)	8" (200)
12" (300)	10" (250)
OR GREATER	

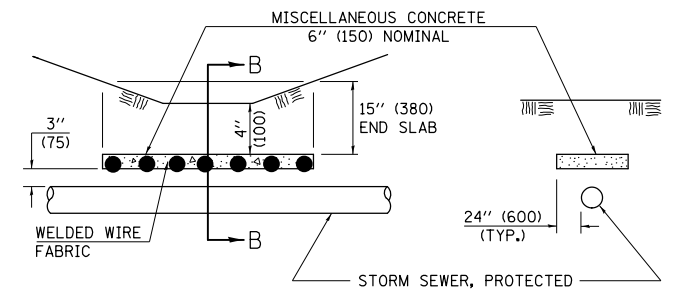
FOR PLASTIC PIPE, THE RISER MAY BE OF THE SAME SIZE AS THE PIPE, BUT SHALL NOT BE SMALLER THAN 4" (100 mm) DIAMETER.



INSPECTION WELL
DETAIL "D"

GENERAL NOTES

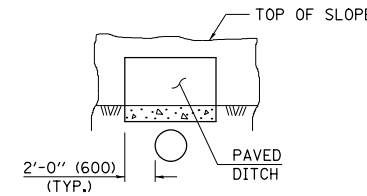
- EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
- ONLY FIELD TILE THAT DOES NOT HAVE SATISFACTORY FLOW AND OR HAS VISIBLE SIGNS OF DETERIORATION (SINK HOLES, ETC.) SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B".
- INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 6" (150 mm) INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
- EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER, SPECIAL OF AT LEAST THE SAME CROSS SECTIONAL AREA. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
- THE 6" (150 mm) CONCRETE SLAB OR DITCH LINING SHALL BE POURED THE LENGTH OF THE TRENCH AT ALL DITCH FLOW LINE LOCATIONS WITHIN THE RIGHT-OF-WAY WITH LESS THAN 2' (600 mm) OF EARTH COVER. MISCELLANEOUS CONCRETE SHALL BE USED ACCORDING TO SECTION 611.
- ALL MISCELLANEOUS SLABS, APRONS AND DITCH LININGS SHALL BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN FOR PAVED DITCH IN STANDARD 606401.
- HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 10" (250 mm). SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
- THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" (10 mm) CAST IRON AND PROVIDED WITH A 1" (25 mm) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.



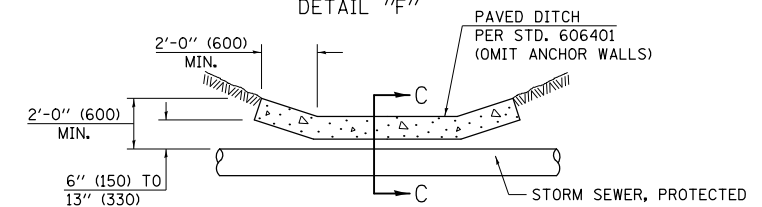
SLAB ELEVATION

CONCRETE SLAB
DETAIL "F"

SECTION B-B



SECTION C-C
PAVED DITCH
DETAIL "E"



PAVED DITCH ELEVATION

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 61101011A

FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED - 11/06
ei:\pw\work\p\d01\cealockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

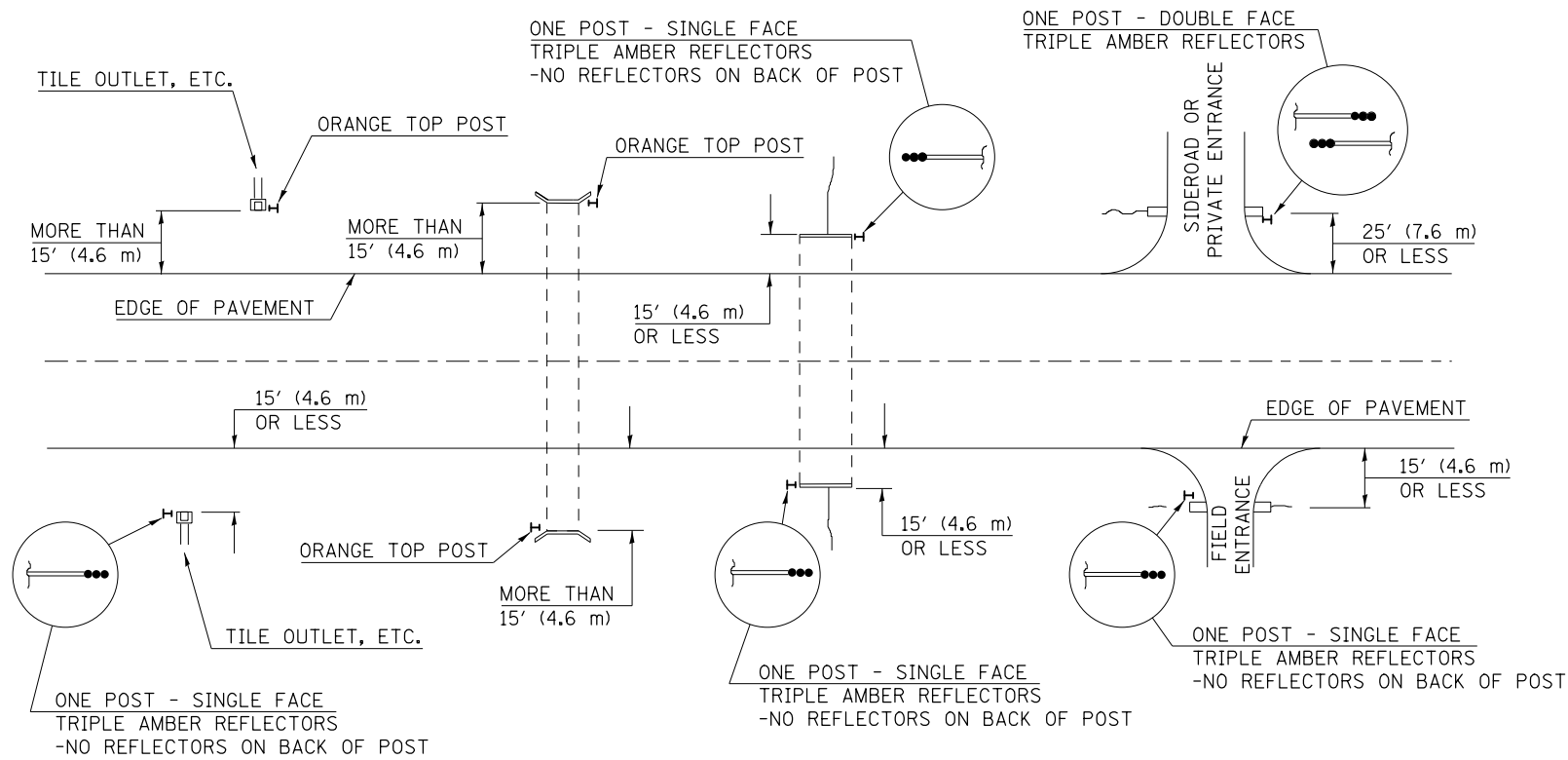
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIELD TILE SYSTEMS (TREATMENT OF EXISTING)

SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	240
			CONTRACT NO. 70844	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS



BILL OF MATERIALS

DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
SINGLE CRYSTAL	*	N/A	N/A	*
DOUBLE CRYSTAL	*	*	N/A	*
SINGLE AMBER	*	*	N/A	*
DOUBLE AMBER	*	N/A	N/A	*
TRIPLE AMBER	*	*	N/A	*
ORANGE TOP	N/A	N/A	*	*
			TOTAL	*

* SEE SCHEDULE OF QUANTITIES.

NOTES

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHER PERMANENT BARRIER, ON THE SAME SIDE OF ROAD AS THE HAZARD.

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.

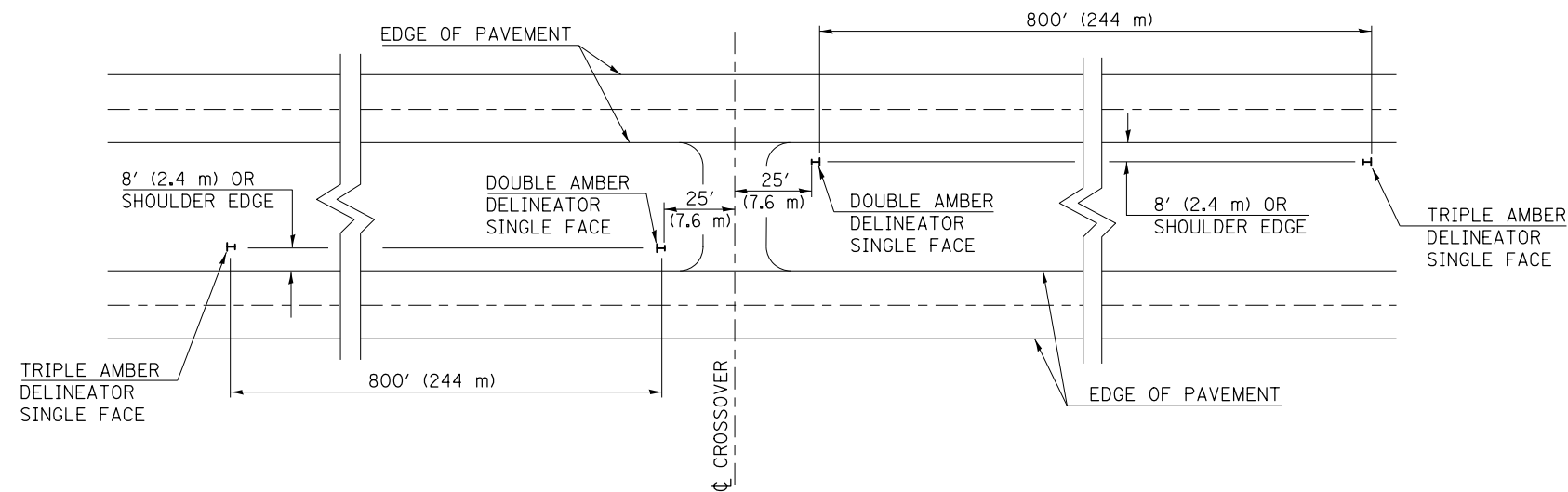
EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.

POSTS INDICATED AS "ORANGE TOP" SHALL HAVE NO REFLECTORS. THEY SHALL HAVE THE TOP 12" (300 mm) (MINIMUM) OF THE POST PAINTED A BRIGHT ORANGE COLOR SIMILAR TO CONSTRUCTION SIGNS, AND SHALL MEET THE APPROVAL OF THE ENGINEER. FLUORESCENT PAINT OR OTHER SPECIAL RETROREFLECTIVE COATINGS WILL NOT BE REQUIRED.

FOR ONE-WAY ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS. ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS.

FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.

MEDIAN DELINEATORS AT CROSSOVER
(FOR INTERSTATES, EXPRESSWAYS, DUAL HIGHWAYS)



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 63500105

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 12/06
et:\pw\work\p\id\ceorlockbm\d0187612\0570844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DELINEATORS

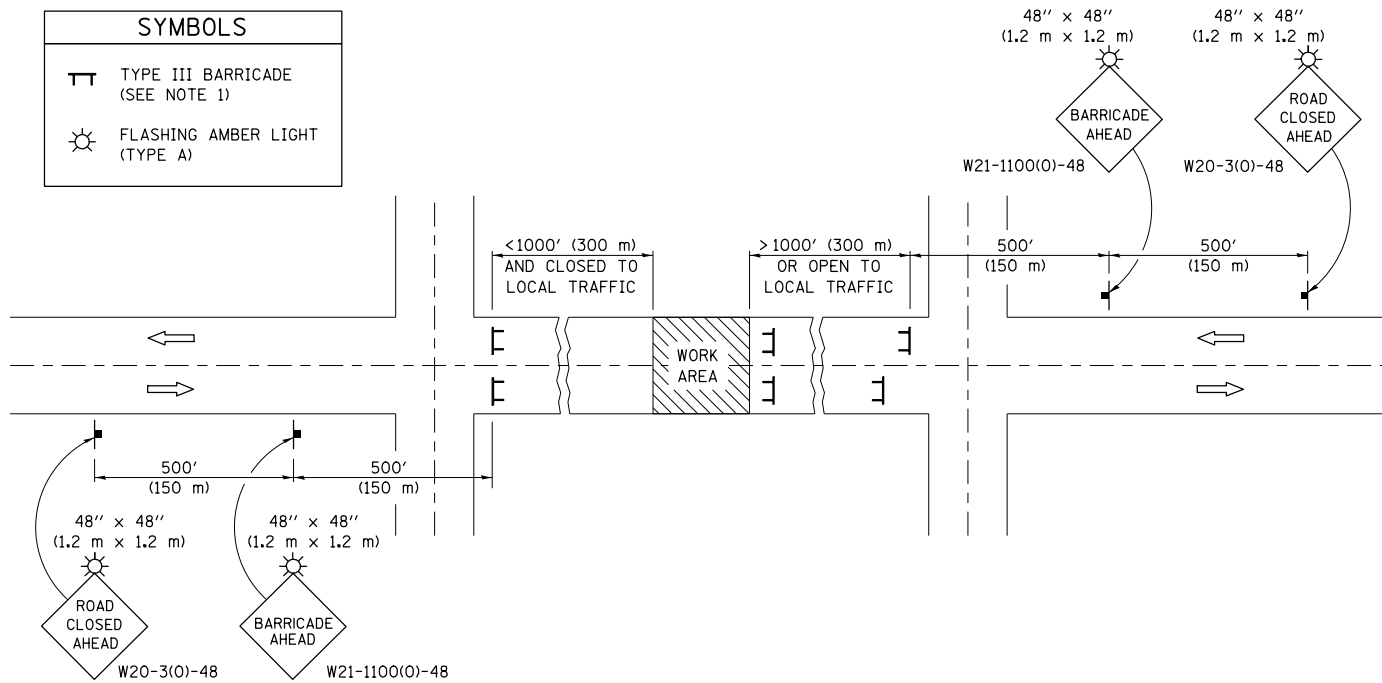
SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	241
				CONTRACT NO. 70844
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ROAD CLOSURE

SIDEROAD / STREET CLOSURE

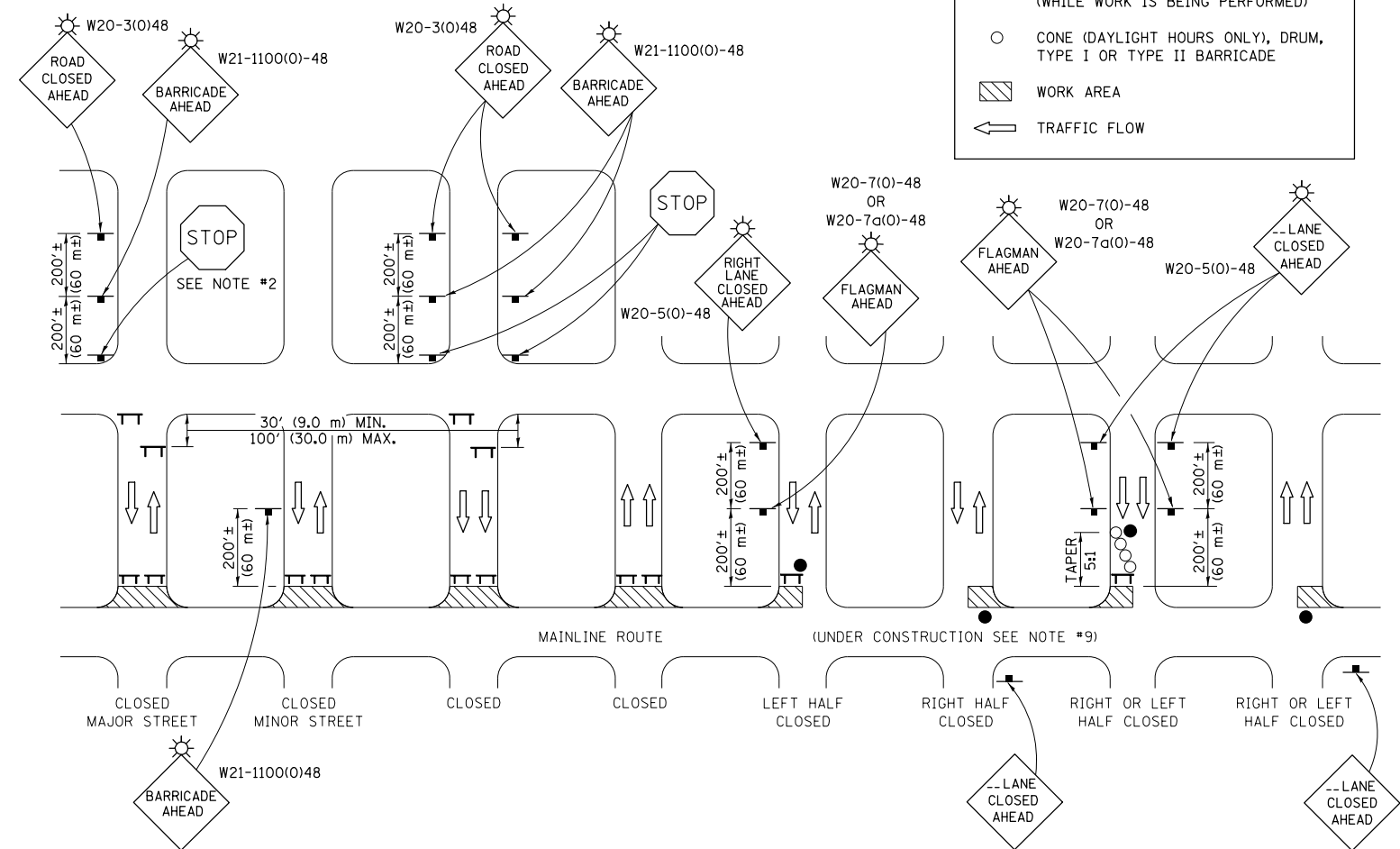
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONES (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED - 11/06
ei:\pw\work\p1dot\ceerlockbm\d0187612\0970844-sht-details.dgn		DRAWN -	REVISED - 12/07
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED - 09/09 - KJT
	PLOT DATE = 10/10/2014	DATE -	REVISED -

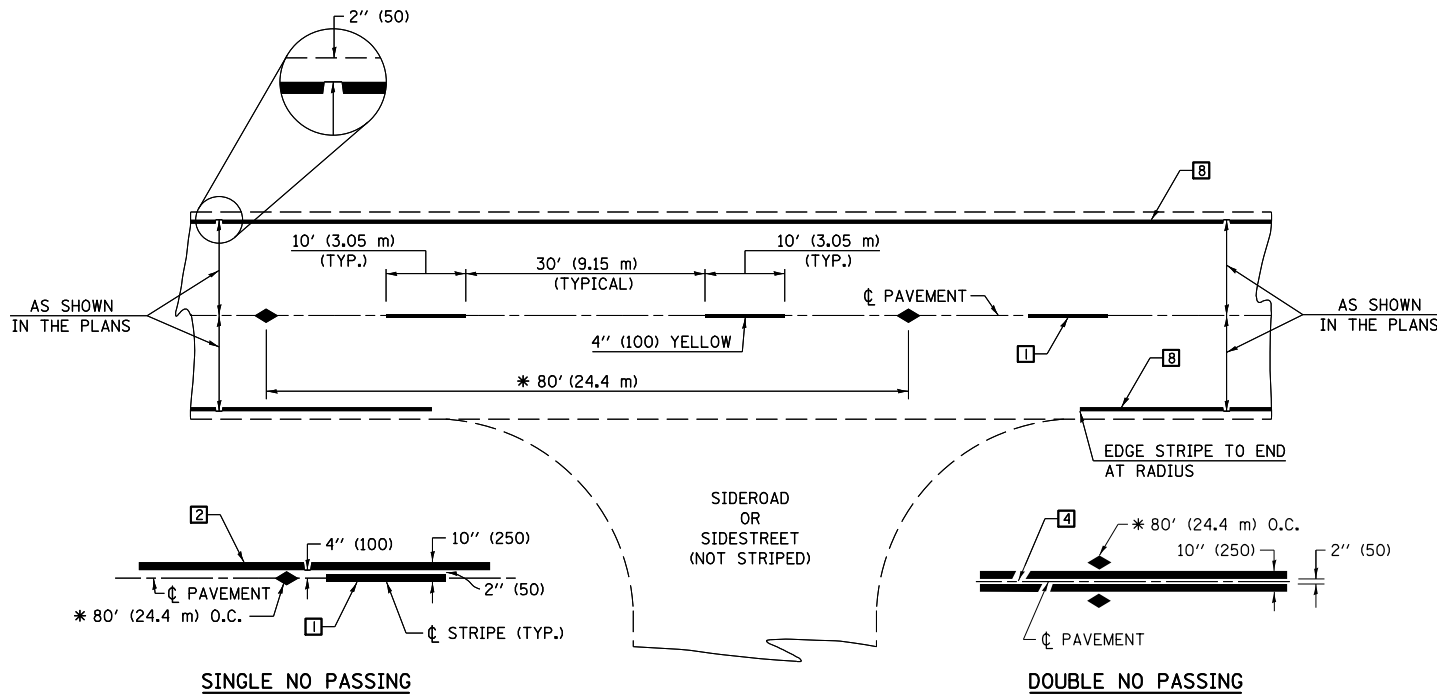
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES
(ROAD & SIDEROAD/STREET CLOSURES)

SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. 7020000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	242
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70844	



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

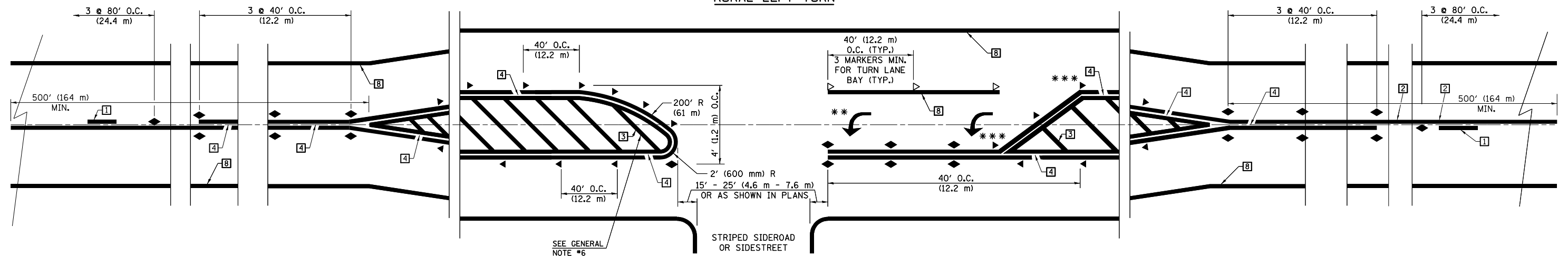
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 11/06
ei:\pwork\pwork\ceorlockbm\d0187612\0970844-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

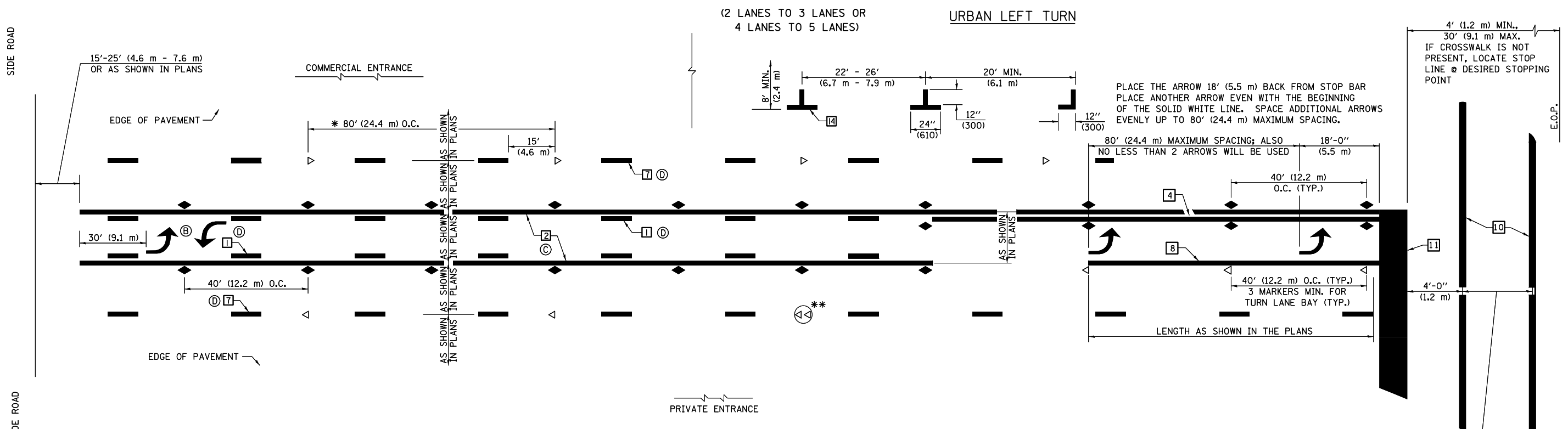
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	243
CONTRACT NO. 70844				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

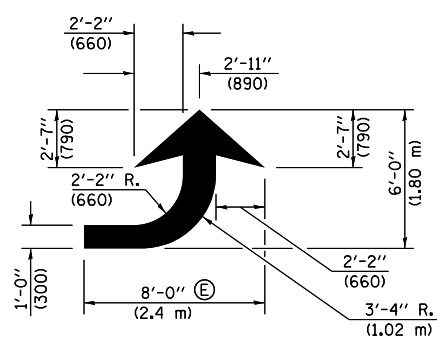


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

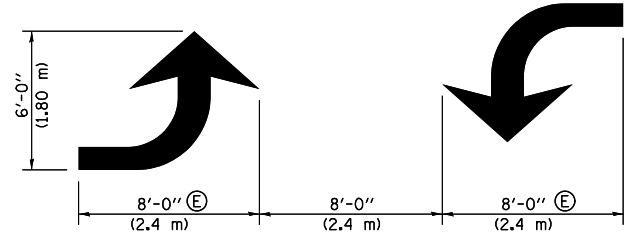
GENERAL NOTES:

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



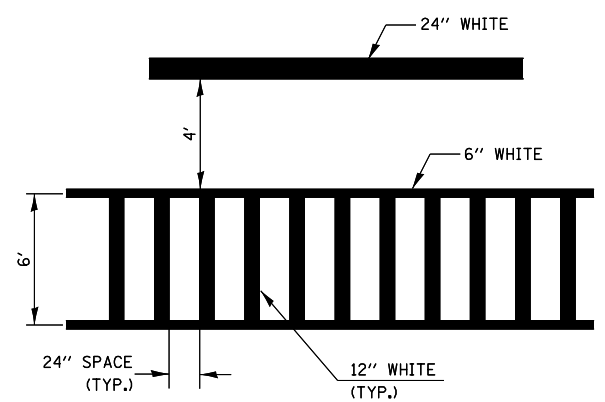
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

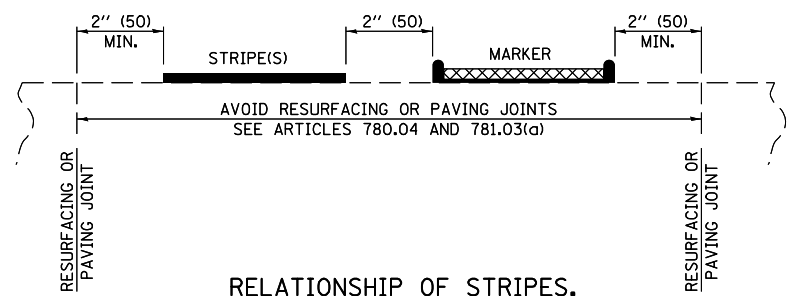


TYPICAL DOUBLE TURN ARROWS (WHITE)

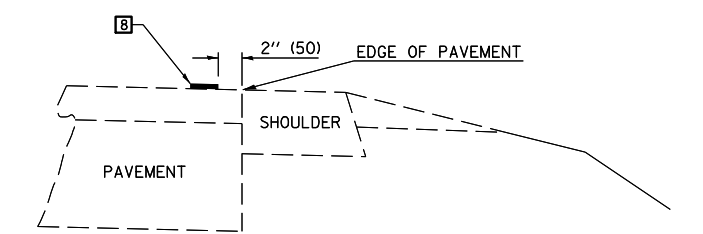
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

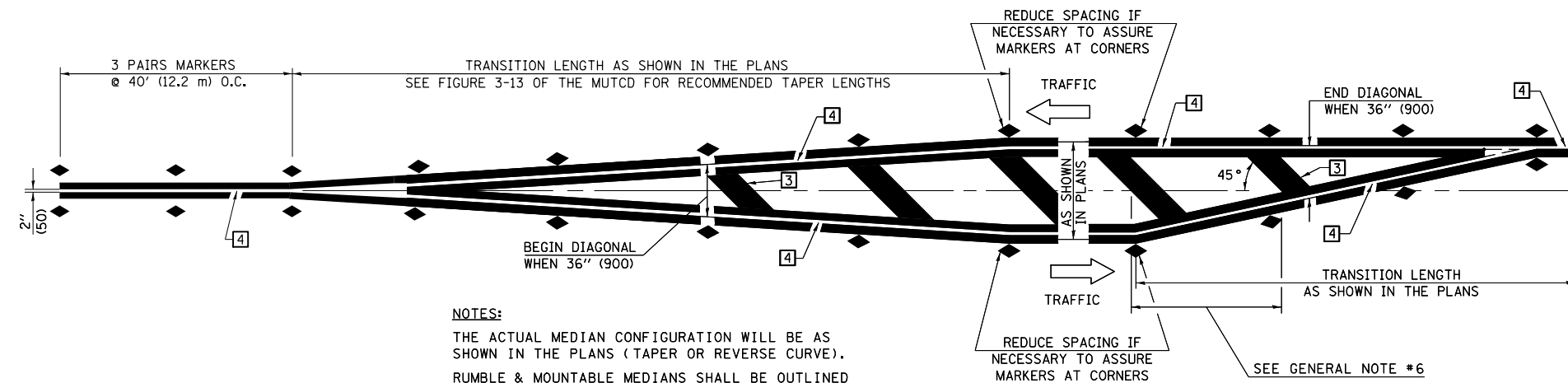


RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

CROSSWALK WIDTH 6'-0" (1.8 m) OR AS SHOWN IN THE PLANS

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pw\work\p\idot\cealockbm\d0187612\0870844-sht-details.dgn	70844-sht-details.dgn	DRAWN -	REVISED - 09/2009 - KJT			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	244	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70844					
	PLOT DATE = 10/10/2014	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

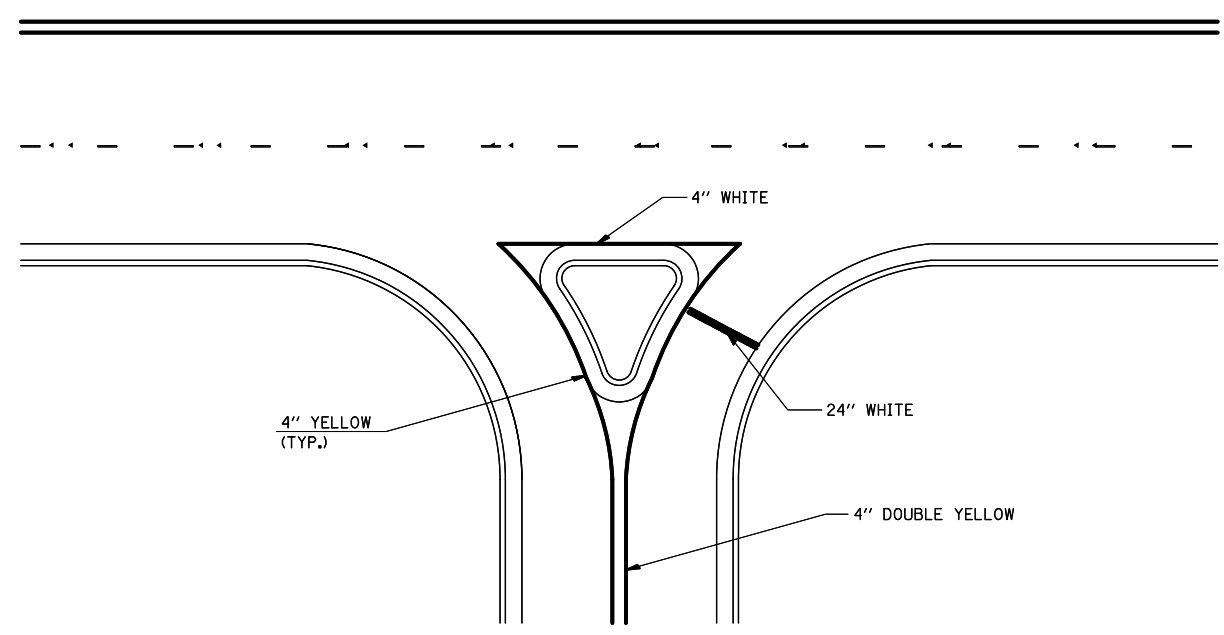


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

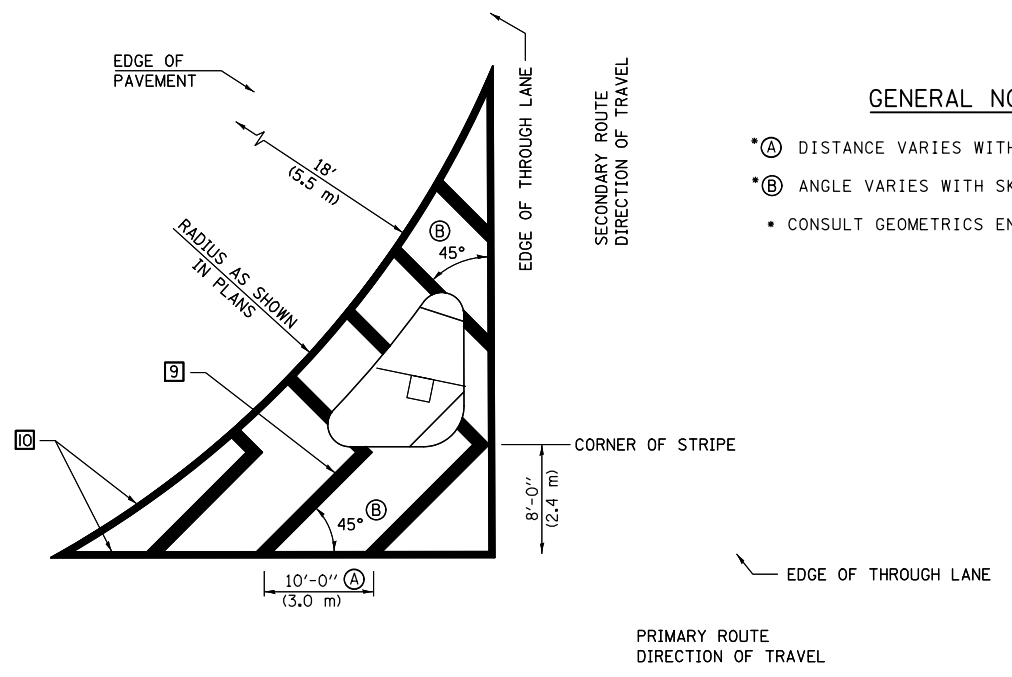
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED - 11/06
et:\pw\work\p\dot\cealockbm\d0187612\09	70844-sht-details.dgn	DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

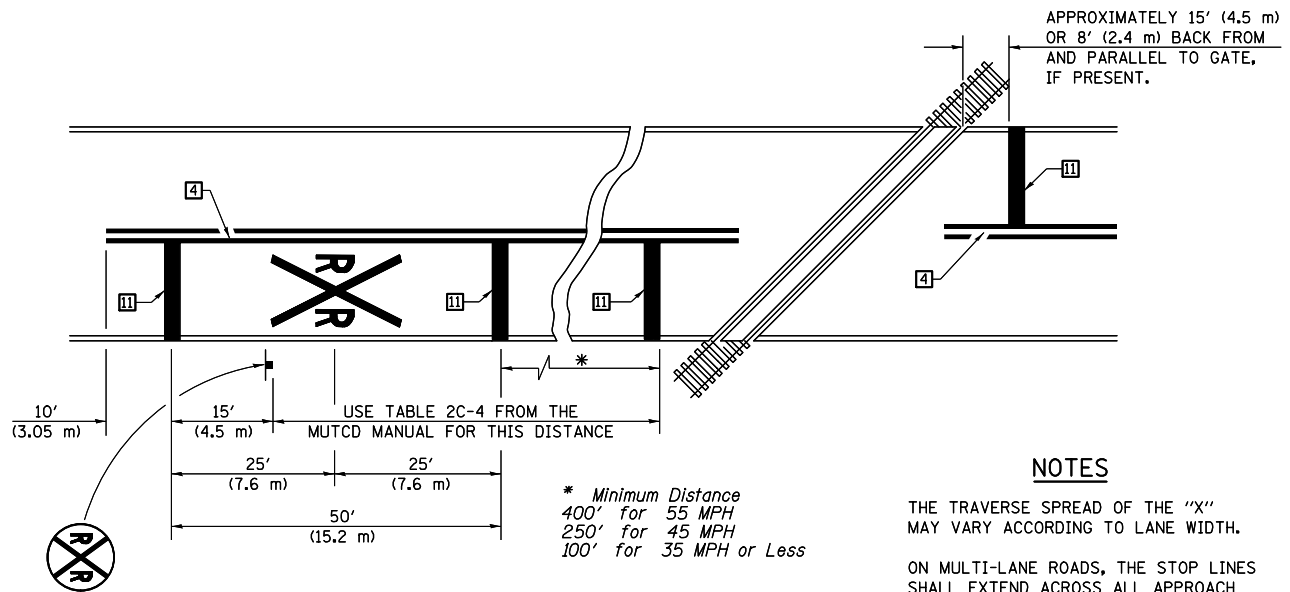
SCALE: N/A SHEET NO. 3 OF 4 SHEETS STA. ---- TO STA. ----

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	245
				CONTRACT NO. 70844
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



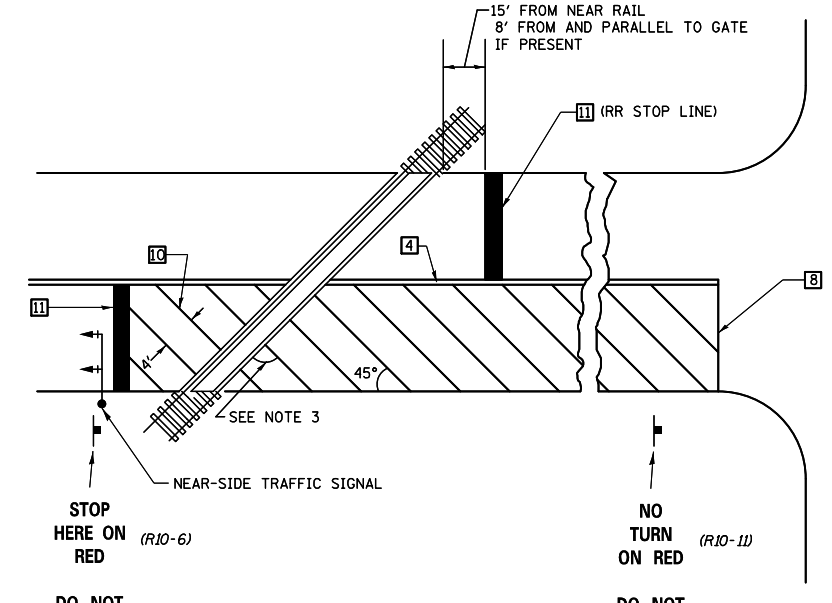
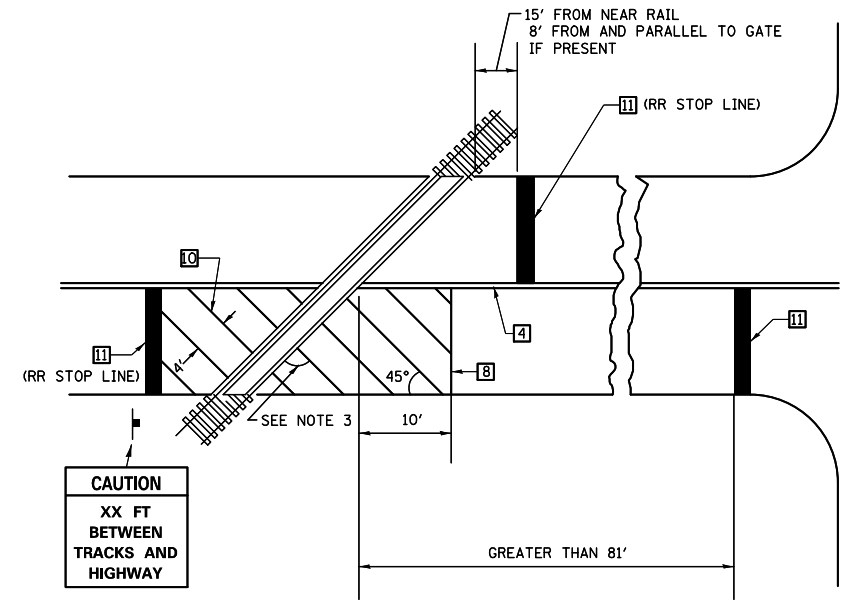
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE R XR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

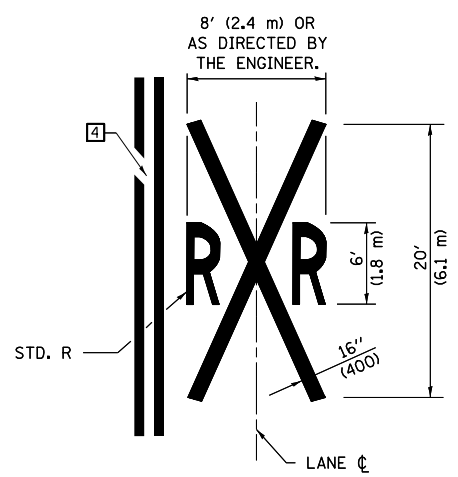
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED - 11/06
ce:\pwork\pwork\ceerlockbm\d0187612\0970844-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

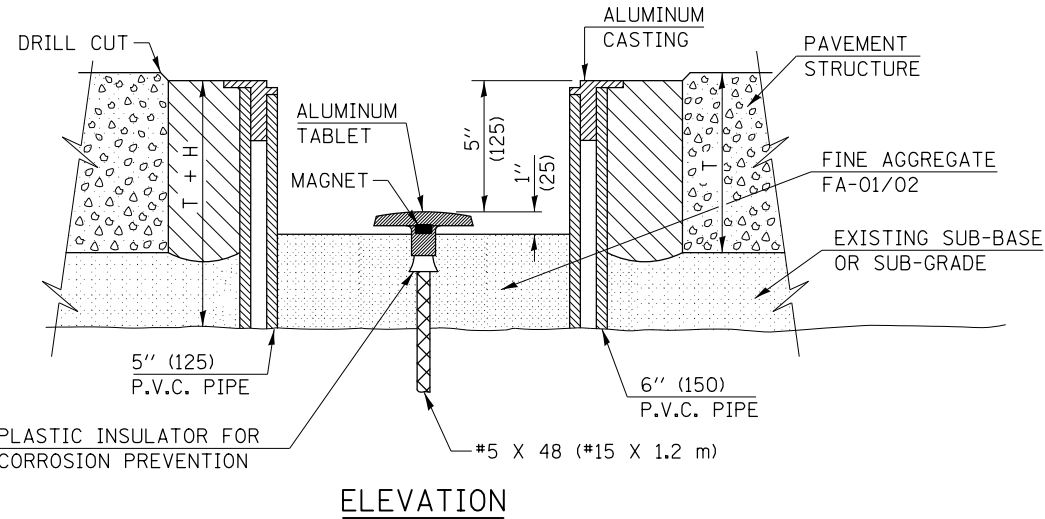
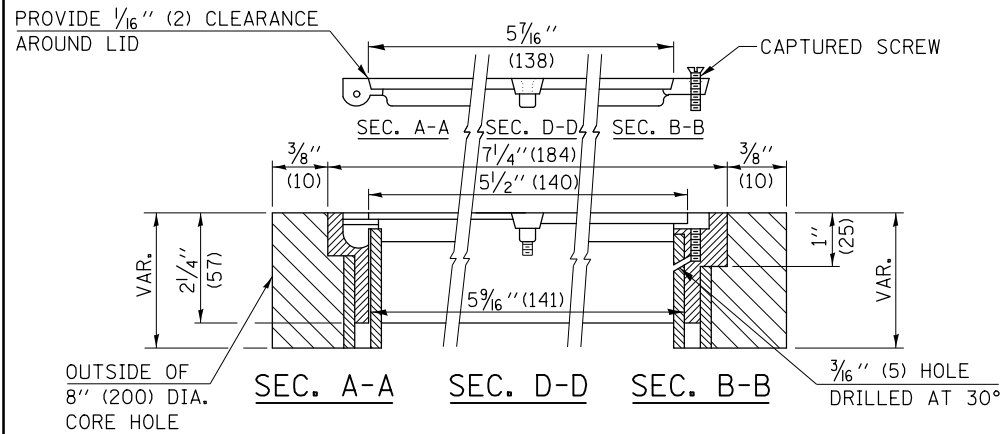
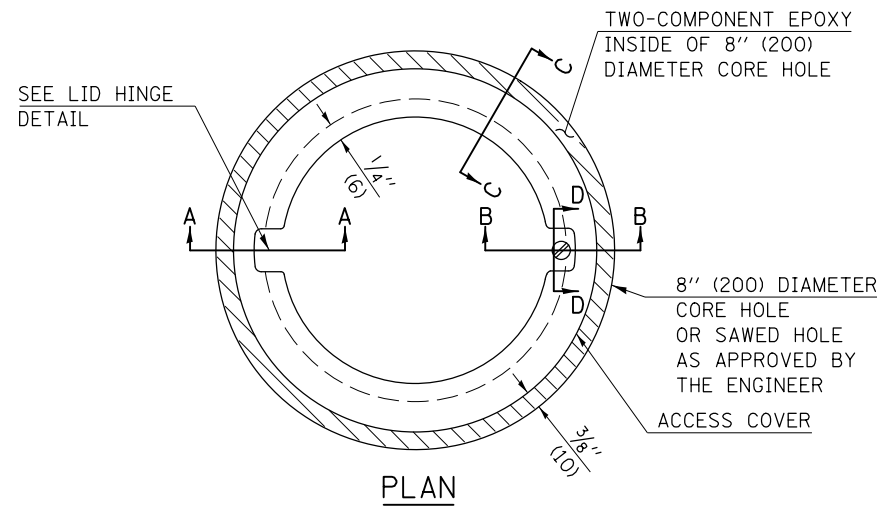
PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: N/A SHEET NO. 4 OF 4 SHEETS STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. 7800AAAA

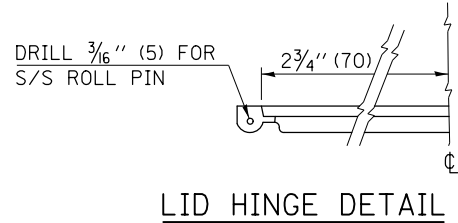
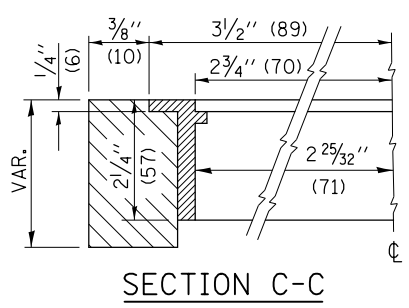
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	246
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70844	

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)



SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-60IES. NO EXCEPTIONS.

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 667101. 5/8" X 48" (#15 X 1.2 m) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

GENERAL NOTES

1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
2. BACKFILL WITH FINE AGGREGATE - FA-01/02.
3. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
6. ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
7. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

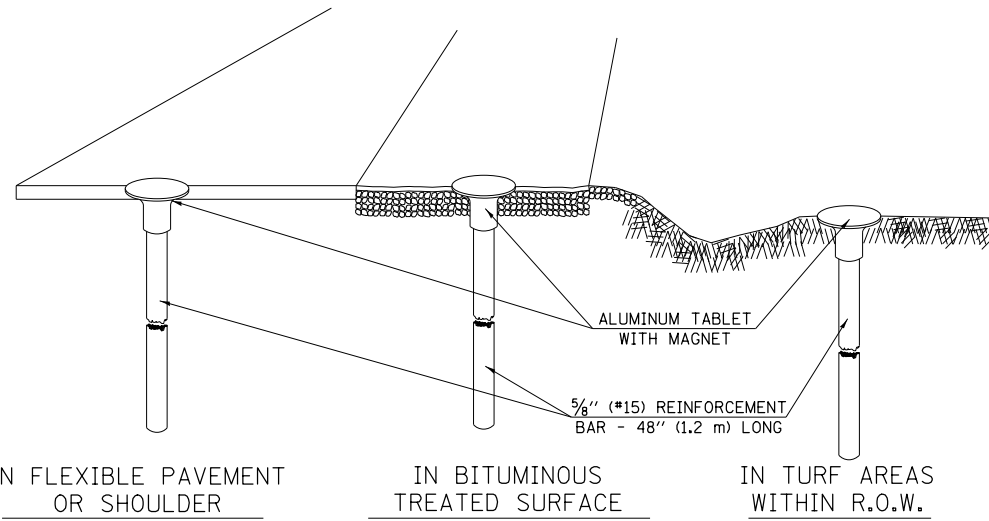
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. X0301232

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SURVEY MARKER VAULT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pw\work\p\midot\ceorlockbm\d0187612\0970844-sht-details.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	247
	PLOT DATE = 10/10/2014	CHECKED -	REVISED -		CONTRACT NO. 70844							
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SPECIFICATIONS FOR ALUMINUM TABLET

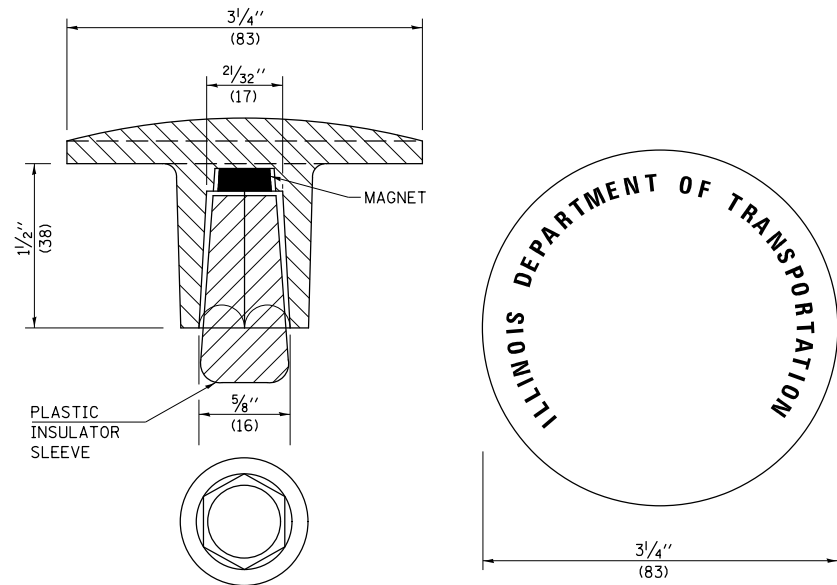
SURVEY CAP FOR REBAR. 3/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1/2" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE 5/8" (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.



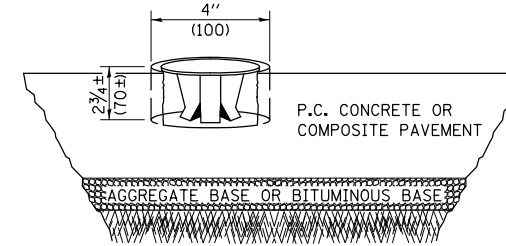
THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

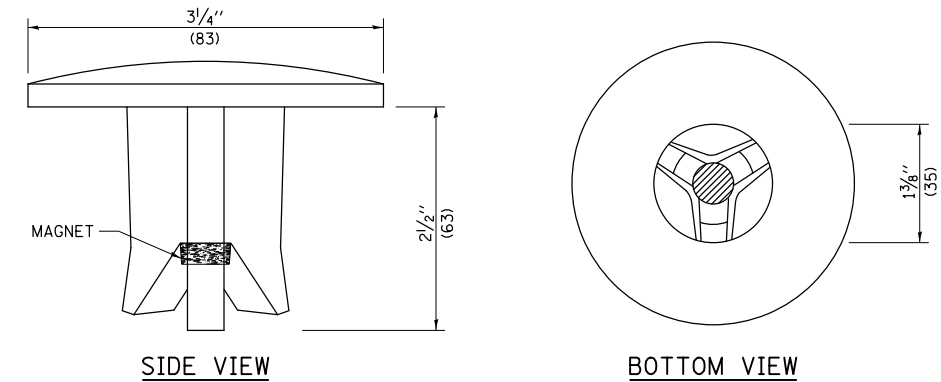
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE 3/4" (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A 2 1/2" (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

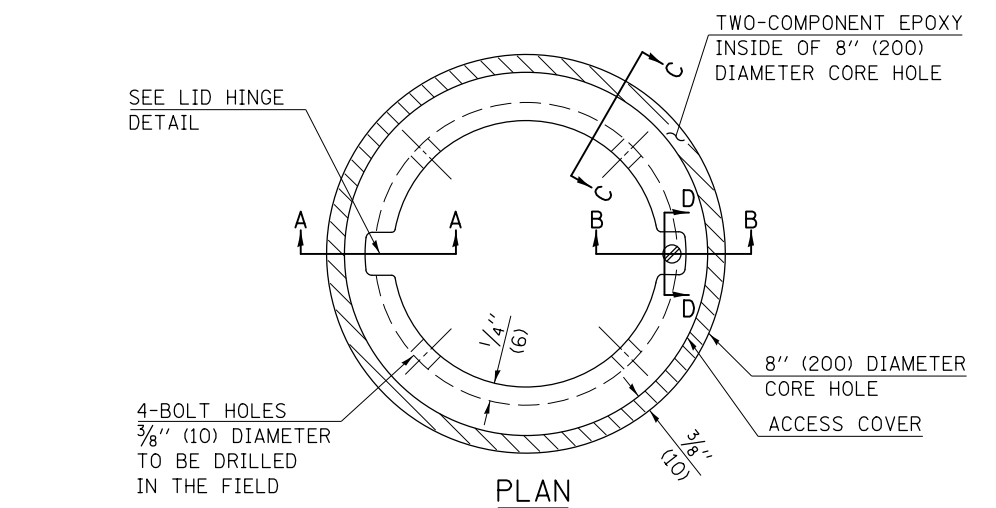
GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

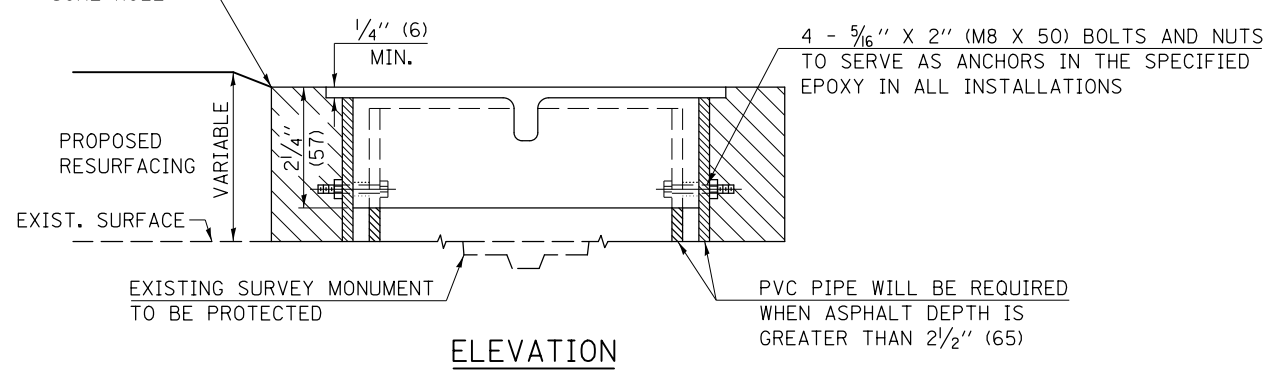
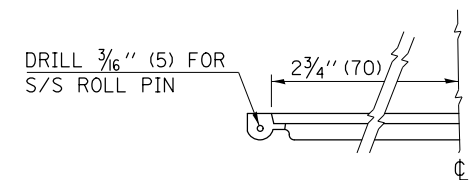
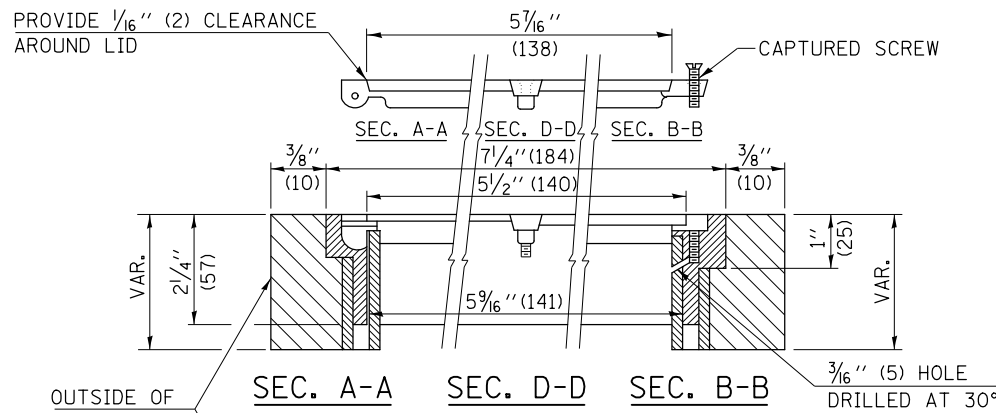
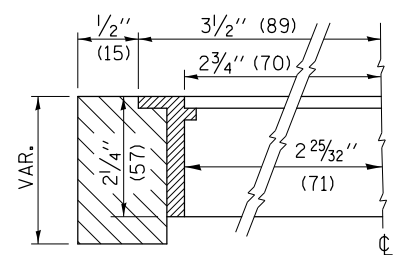
FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SURVEY MARKERS TYPE 1 & 2 (SPECIAL)			DISTRICT 5 DETAIL NO. XZ193AAA	
ei:\pw_work\p\d01\ceorlockbm\d0187612\0870844-sht-details.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED - 11/10					F.A.P. RTE.	SECTION
	PLOT DATE = 10/10/2014	CHECKED -	REVISED -		326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	248
		DATE -	REVISED -		SCALE: N/A		SHEET NO. 01 OF 01 SHEETS		CONTRACT NO. 70844
				STA. ----- TO STA. -----		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

TO BE INSTALLED IN ALL PAVEMENT TYPES FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S) AND LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY



SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; Q0-A-601Es. NO EXCEPTIONS.

BILL OF MATERIAL	
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS,	
4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY,	
5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).	

GENERAL NOTES

- WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
- THE SURVEY MONUMENT COVER ASSEMBLY SHALL BE CENTERED ABOVE THE SURVEY MONUMENT TO BE PROTECTED.
- MODIFICATION OF THE ALUMINUM CASTING SHALL BE DONE BY GRINDING OR SAWING WHEN HEIGHT REDUCTION IS REQUIRED.
- ALL SURVEY MONUMENT COVER ASSEMBLIES SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
- ALUMINUM CASTING SHALL BE PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE WHEN AN INCREASE IN HEIGHT IS REQUIRED.
- THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MONUMENT COVER ASSEMBLY WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING THE NEW PAVEMENT SURFACE AND EPOXY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

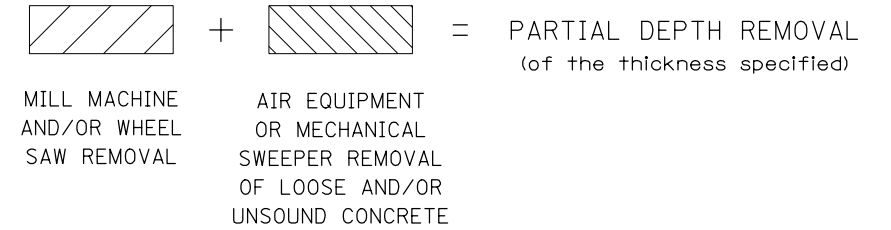
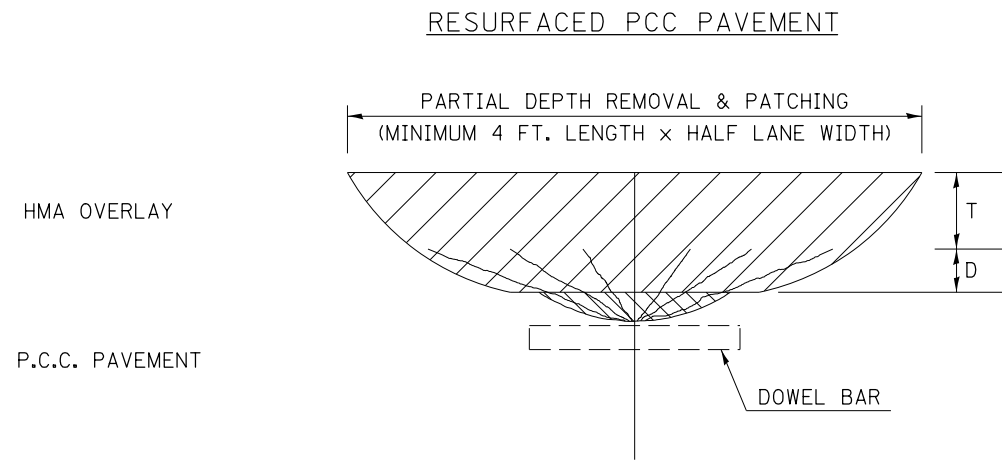
FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 11/06
ce:\pw\work\p\idot\ceorlockbm\d0187612\0870844-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MONUMENT COVER ASSEMBLY

SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. Z0070100				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	249
			CONTRACT NO. 70844	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DESIGN NOTES

PARTIAL DEPTH HMA PATCHING SHALL NOT BE USED WHEN HMA OVERLAY THICKNESS (T) ON PCC PAVEMENT EXCEEDS 4 3/4 INCHES (121 mm) OR ON CRC PAVEMENT.

GENERAL NOTES

ALL VOLUME OF PARTIAL DEPTH REMOVAL SHALL BE REPLACED WITH HOT-MIX ASPHALT (HMA) AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR PARTIAL DEPTH PATCHING.

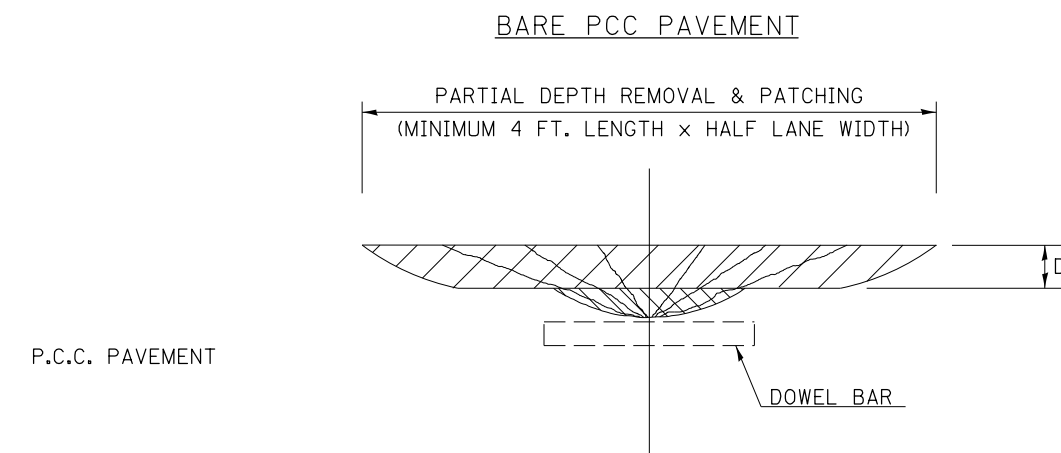
T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 11/06
et:\pw\work\p\idot\ceorlockbm\d0187612\0970844-sht-details.dgn		DRAWN -	REVISED - 10/10
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING

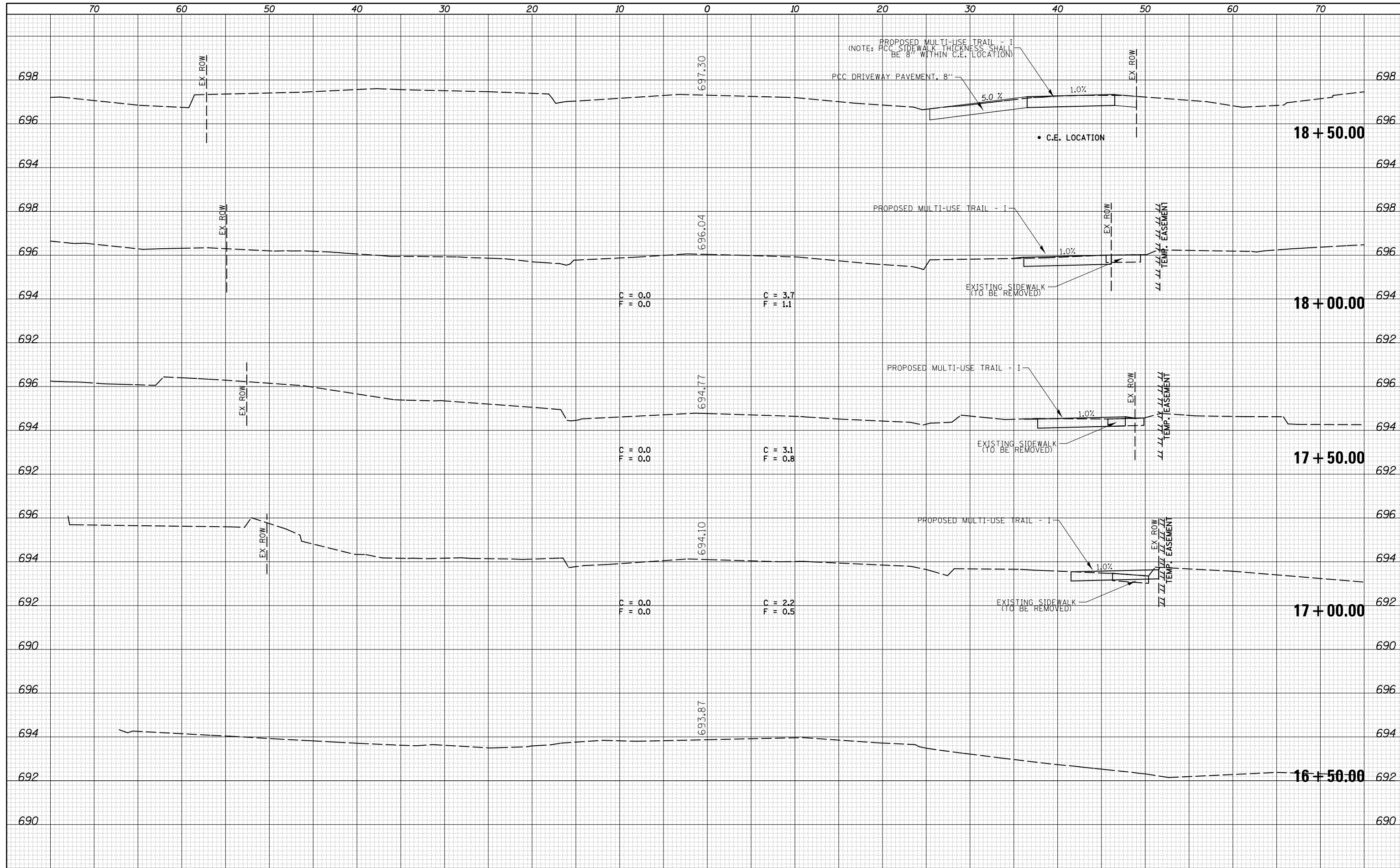
SCALE: N/A SHEET NO. 01 OF 01 SHEETS STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. XX442100

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	250
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70844	

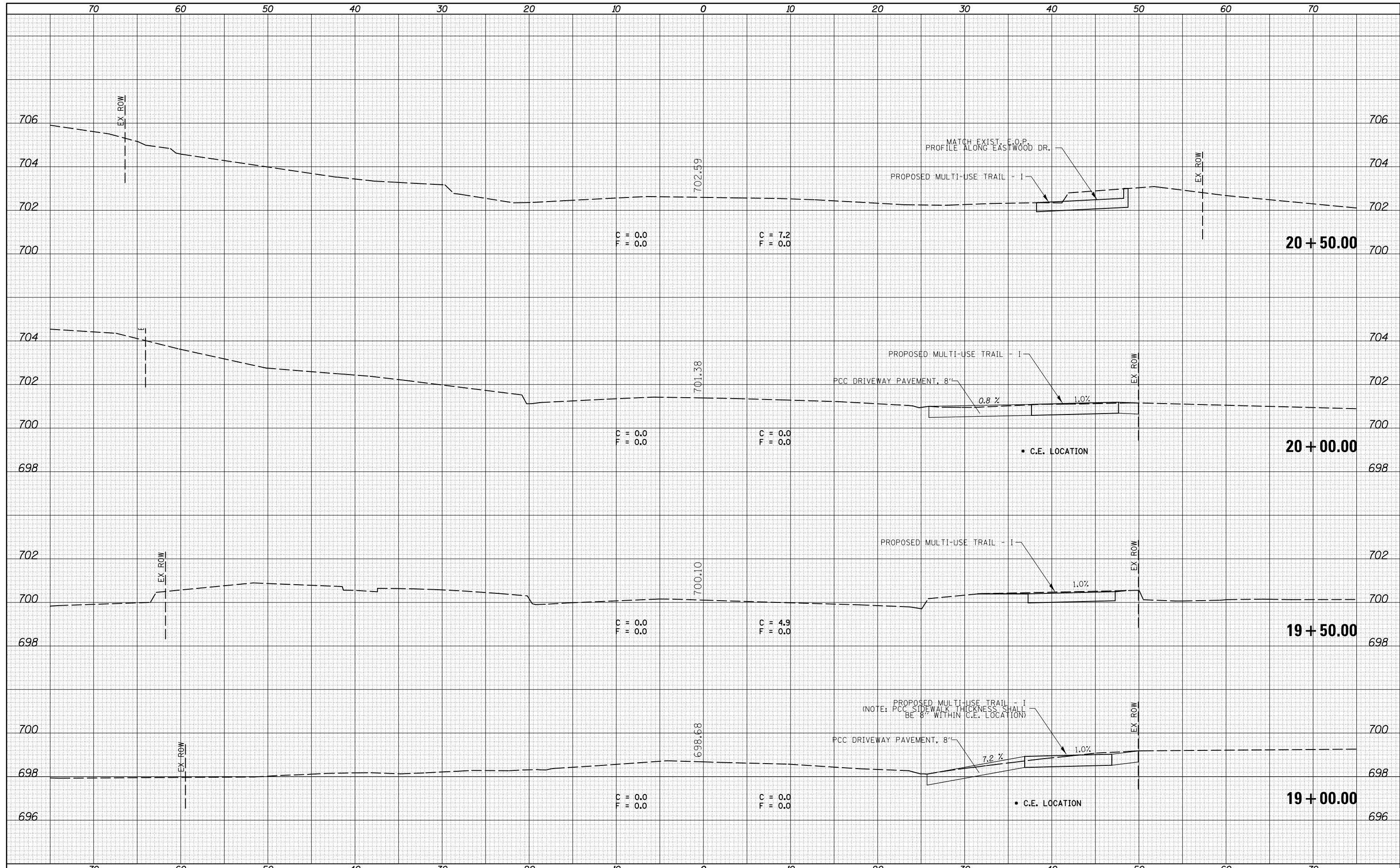
DATE	
BY	
FINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

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



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

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



FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\cealockbm\d0187612\0570844	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

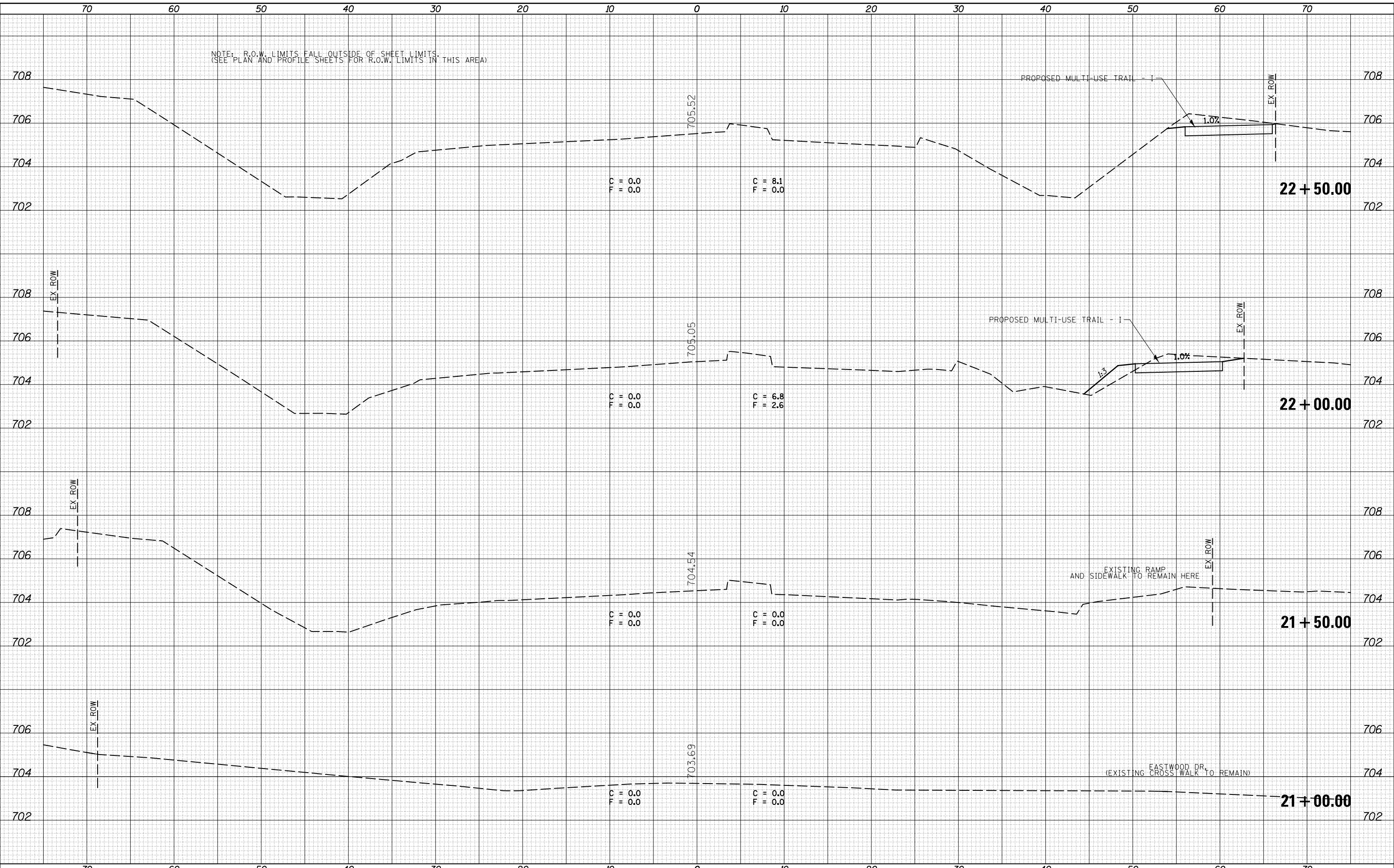
CROSS SECTIONS - IL 47			
SCALE:	SHEET 2	OF 217 SHEETS	STA. 19+00.00 TO STA. 20+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	252
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

NOTE: R.O.W. LIMITS FALL OUTSIDE OF SHEET LIMITS.
(SEE PLAN AND PROFILE SHEETS FOR R.O.W. LIMITS IN THIS AREA)

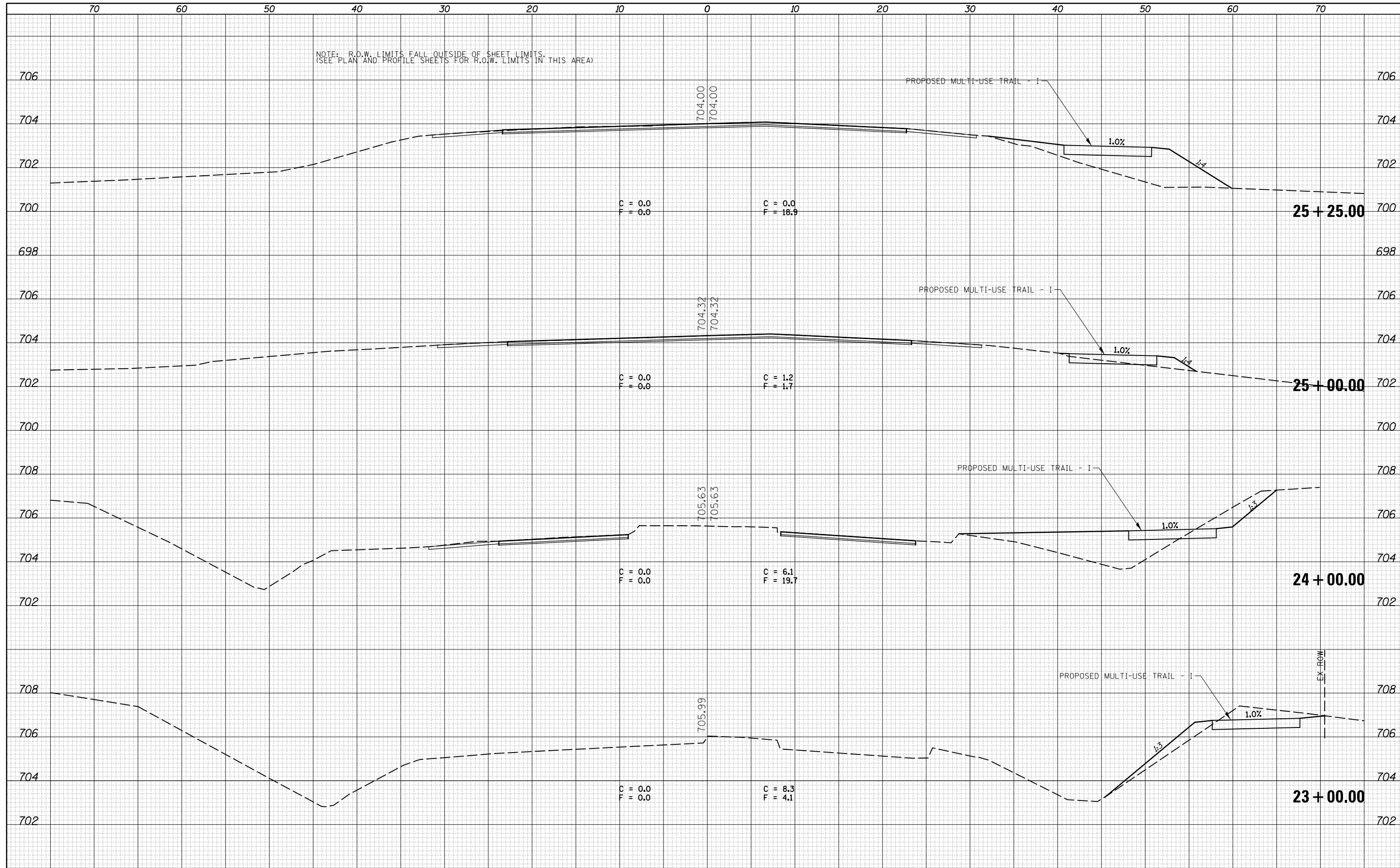
DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

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



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

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



FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\ceerlockbm\d0187612\0570844	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47

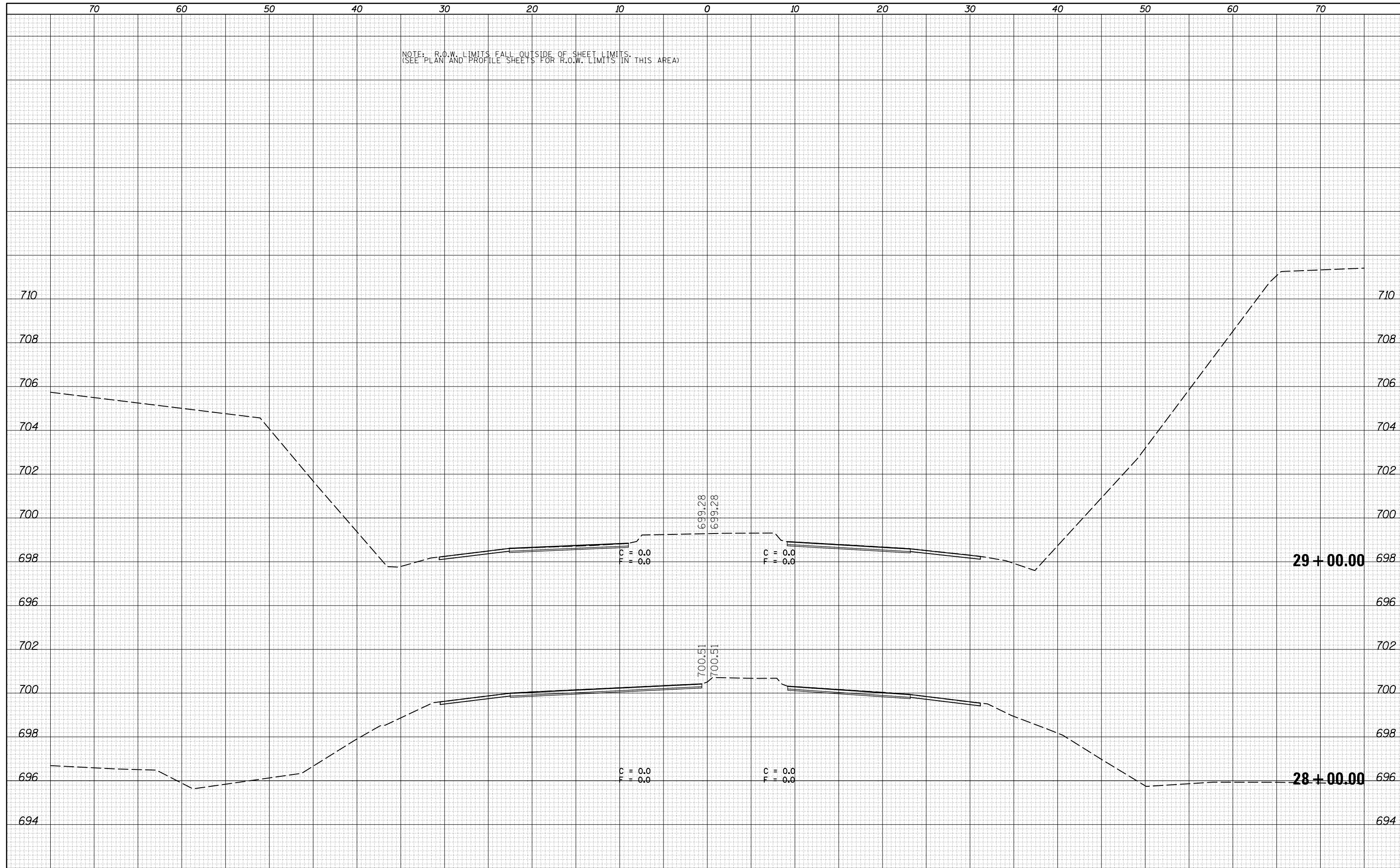
SCALE: SHEET 4 OF 217 SHEETS STA. 23+00.00 TO STA. 25+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	254
CONTRACT NO. 70844				
ILLINOIS FED. AID PROJECT				

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

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

NOTE: R.O.W. LIMITS FALL OUTSIDE OF SHEET LIMITS.
(SEE PLAN AND PROFILE SHEETS FOR R.O.W. LIMITS IN THIS AREA)



FILE NAME =
c:\pw_work\pwidot\cearlockbm\d0187612\0570844-

USER NAME = cearlockbm
ht-xssh-IL 47.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 10/10/2014

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 47

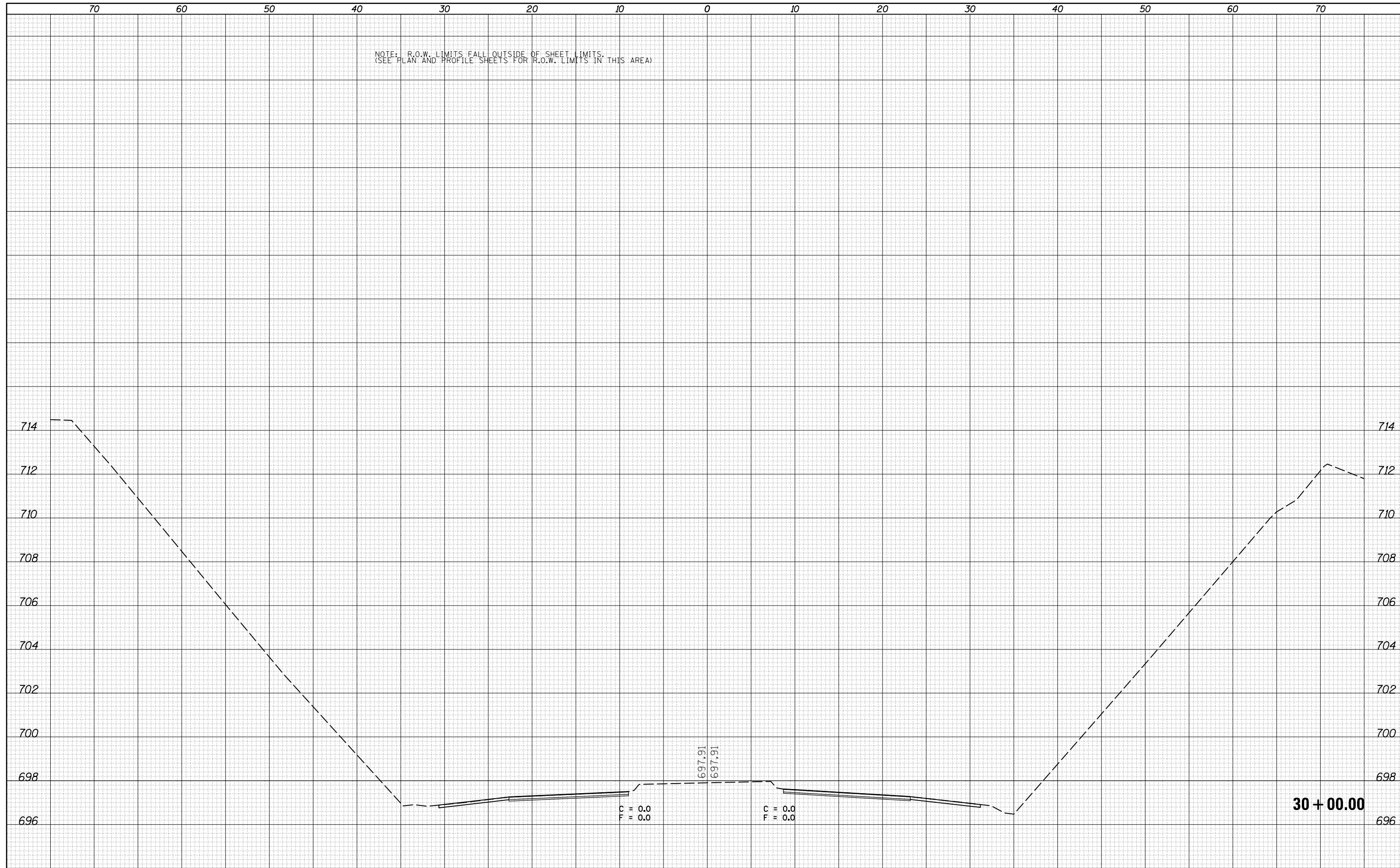
SCALE: SHEET 6 OF 217 SHEETS STA. 28+00.00 TO STA. 29+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	256
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

NOTE: R.O.W. LIMITS FALL OUTSIDE OF SHEET LIMITS.
(SEE PLAN AND PROFILE SHEETS FOR R.O.W. LIMITS IN THIS AREA)

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

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



FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\ceerlockbm\d0187612\0570844-	ht-xssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 47

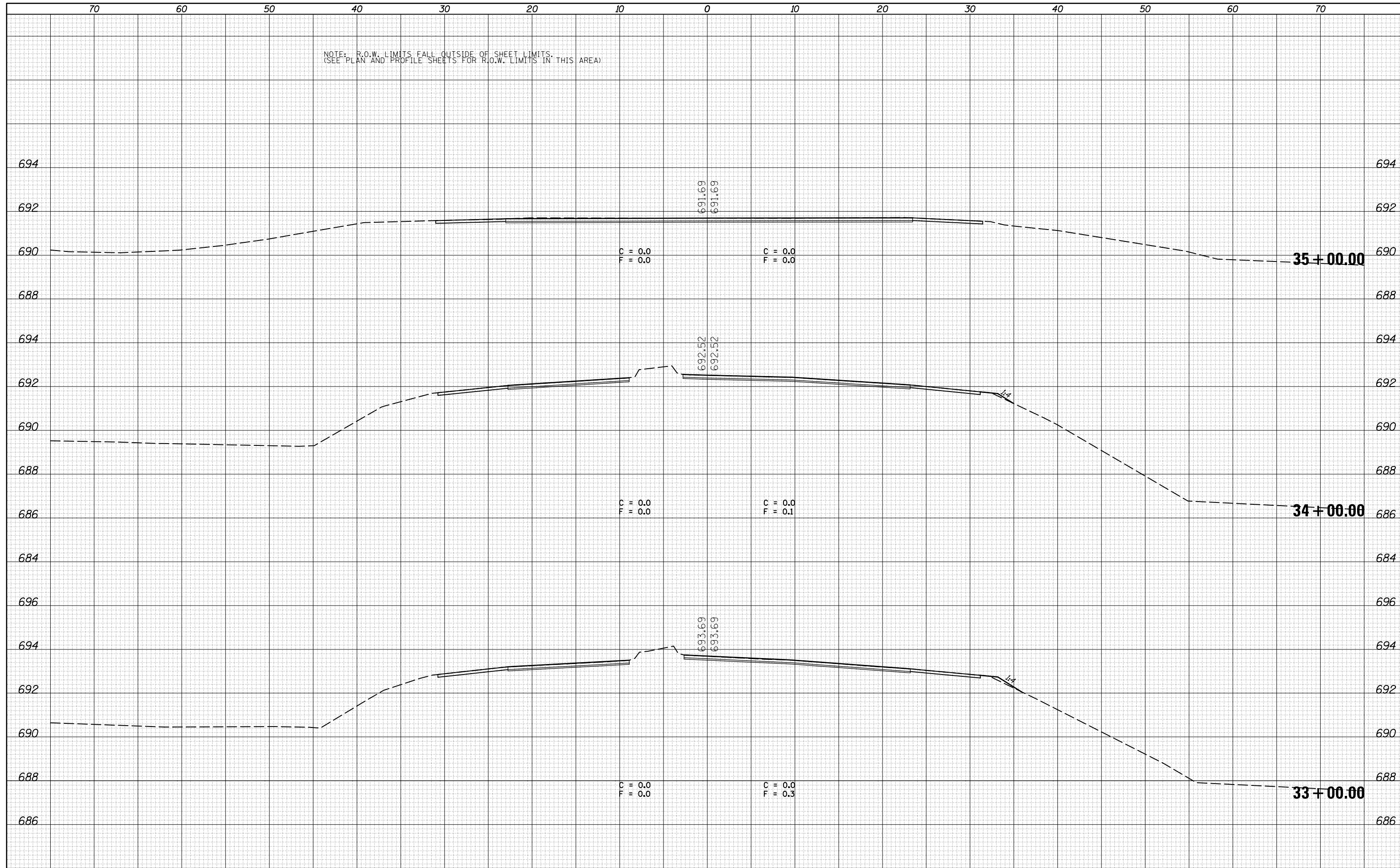
SCALE: SHEET 7 OF 217 SHEETS STA. 30+00.00 TO STA. 30+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	257
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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

NOTE: R.O.W. LIMITS FALL OUTSIDE OF SHEET LIMITS.
(SEE PLAN AND PROFILE SHEETS FOR R.O.W. LIMITS IN THIS AREA)



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
c:\pwork\pwork\ceorlockbm\d0187612\05708444	ht-xssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 47

SCALE: SHEET 9 OF 217 SHEETS STA. 33+00.00 TO STA. 35+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	259
CONTRACT NO. 70844				

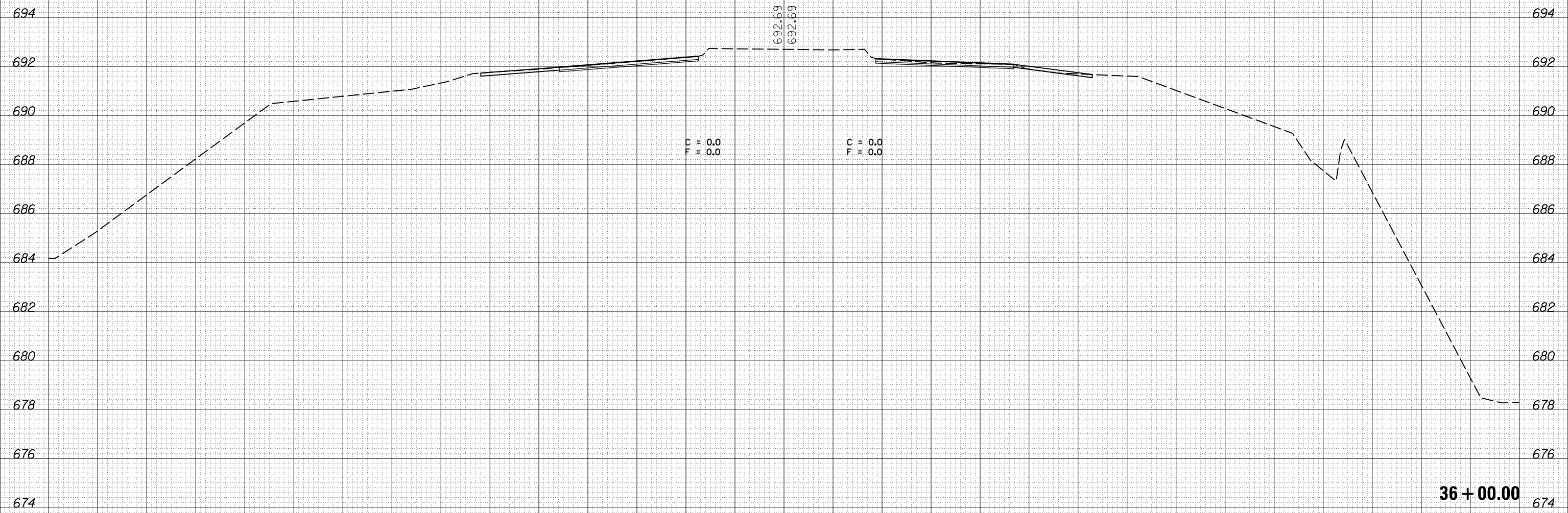
ILLINOIS FED. AID PROJECT

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

NOTE: R.O.W. LIMITS FALL OUTSIDE OF SHEET LIMITS.
(SEE PLAN AND PROFILE SHEETS FOR R.O.W. LIMITS IN THIS AREA)

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINAL SURVEY NO.					

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
ORIGINAL SURVEY NO.					



36 + 00.00

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\ceorlockbm\d0187612\0570844-	ht-xssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

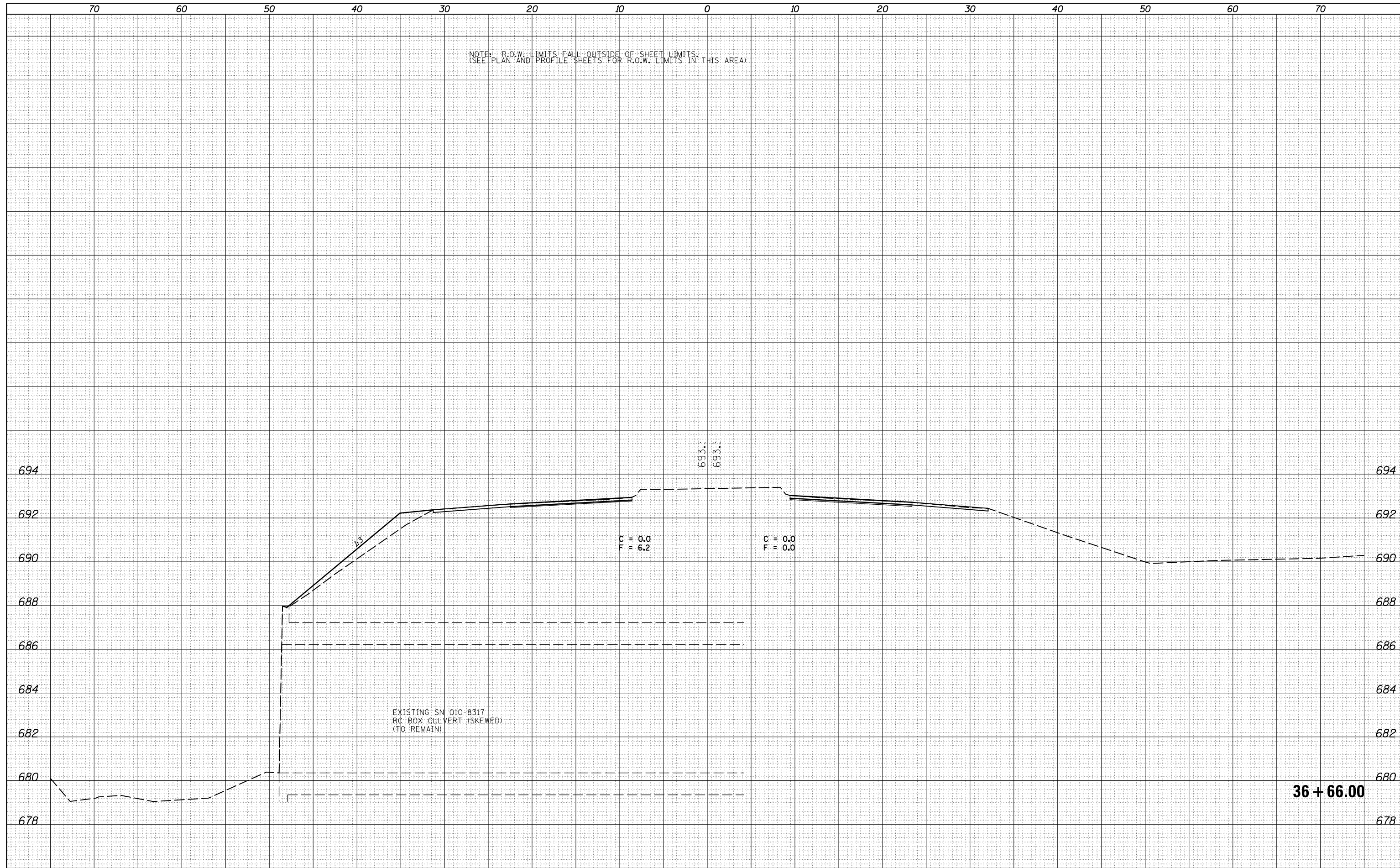
CROSS SECTIONS - IL 47	
SCALE:	SHEET 10 OF 217 SHEETS STA. 36+00.00 TO STA. 36+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	260
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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

NOTE: R.O.W. LIMITS FALL OUTSIDE OF SHEET LIMITS.
(SEE PLAN AND PROFILE SHEETS FOR R.O.W. LIMITS IN THIS AREA)



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\ceorlockbm\d0187612\0570844	ht-xssh-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47

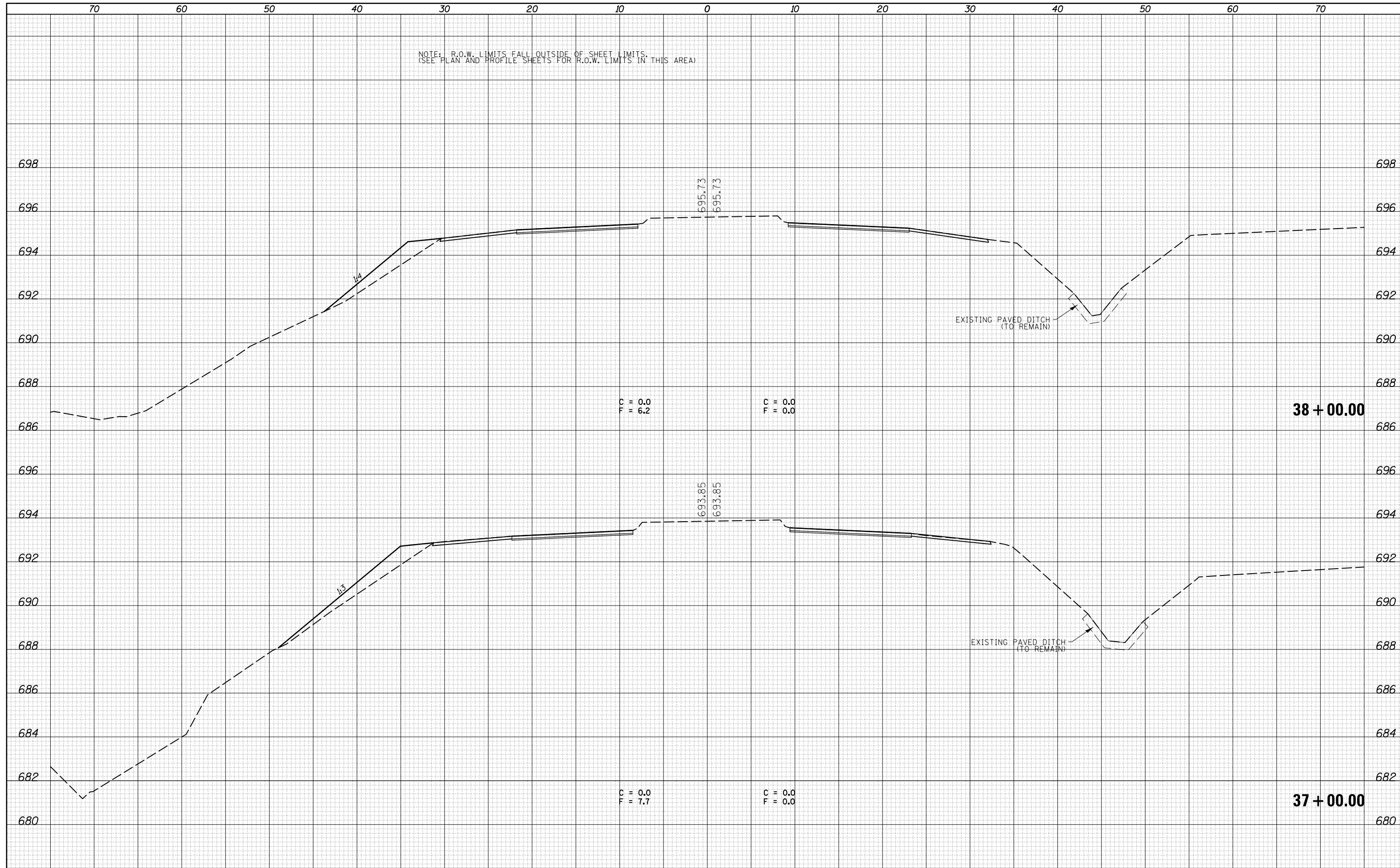
SCALE: SHEET 11 OF 217 SHEETS STA. 36+66.00 TO STA. 36+66.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	261
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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

NOTE: R.O.W. LIMITS FALL OUTSIDE OF SHEET LIMITS.
(SEE PLAN AND PROFILE SHEETS FOR R.O.W. LIMITS IN THIS AREA)



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\ceorlockbm\d0187612\0570844-	ht-xssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

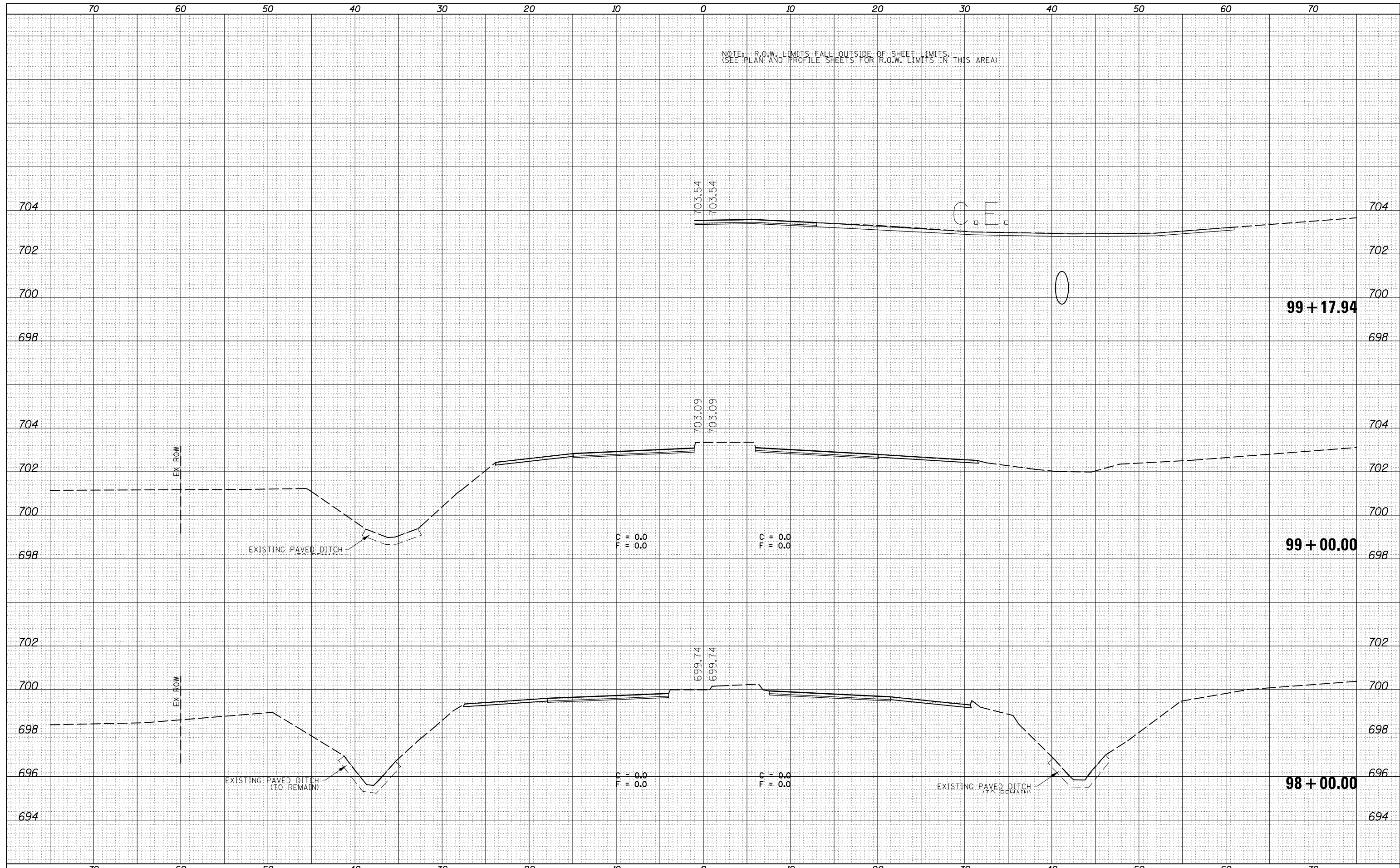
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47			
SCALE:	SHEET 12	OF 217 SHEETS	STA. 37+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	262
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\0570844-
 ht-xssh-IL 47.dgn

USER NAME = cearlockbm
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 10/10/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

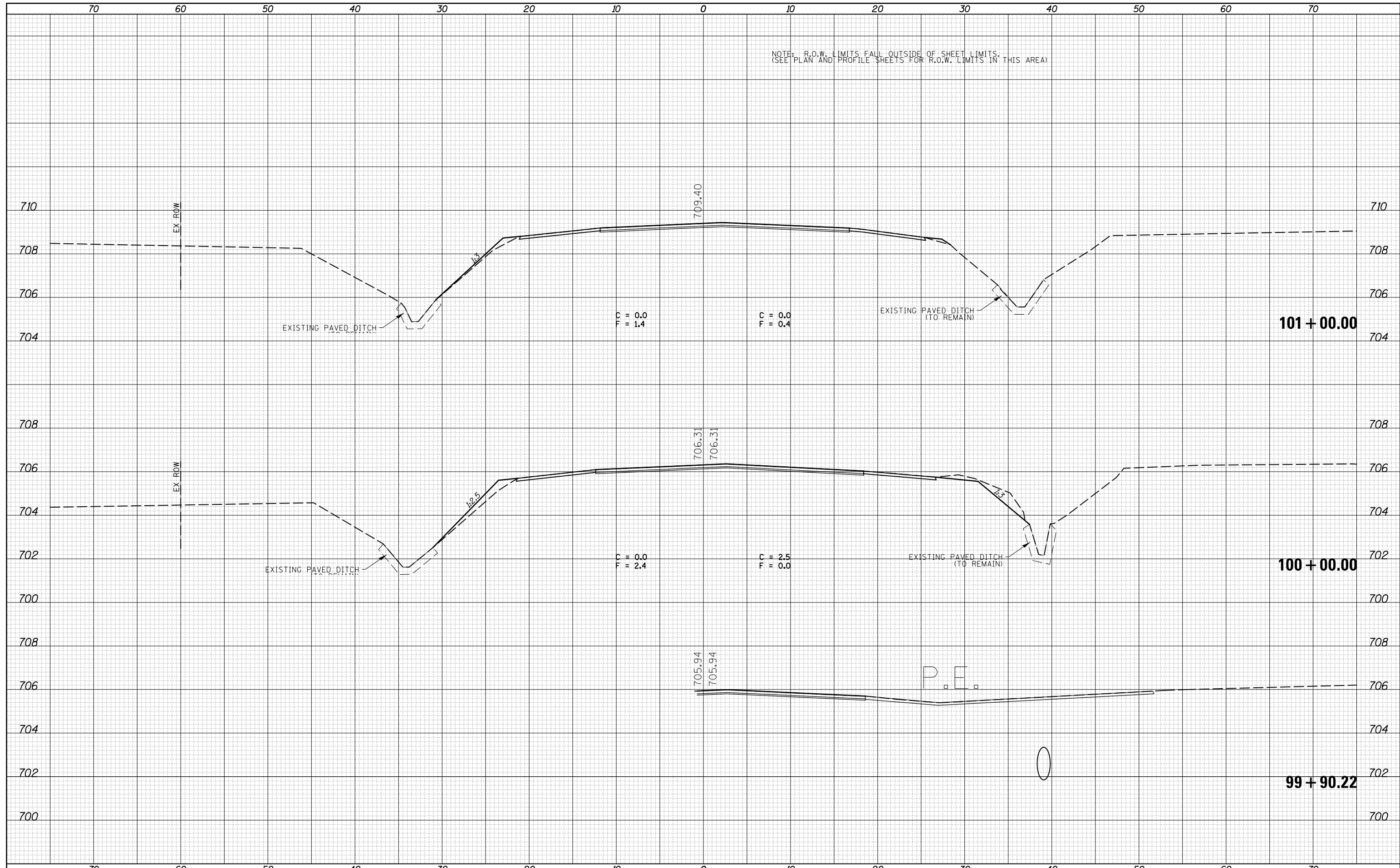
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 47
 SCALE: SHEET 13 OF 217 SHEETS STA. 98+00.00 TO STA. 99+13.94

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	263
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED -
ca:\pw_work\pwidot\cealockbm\d0187612\0570844-	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

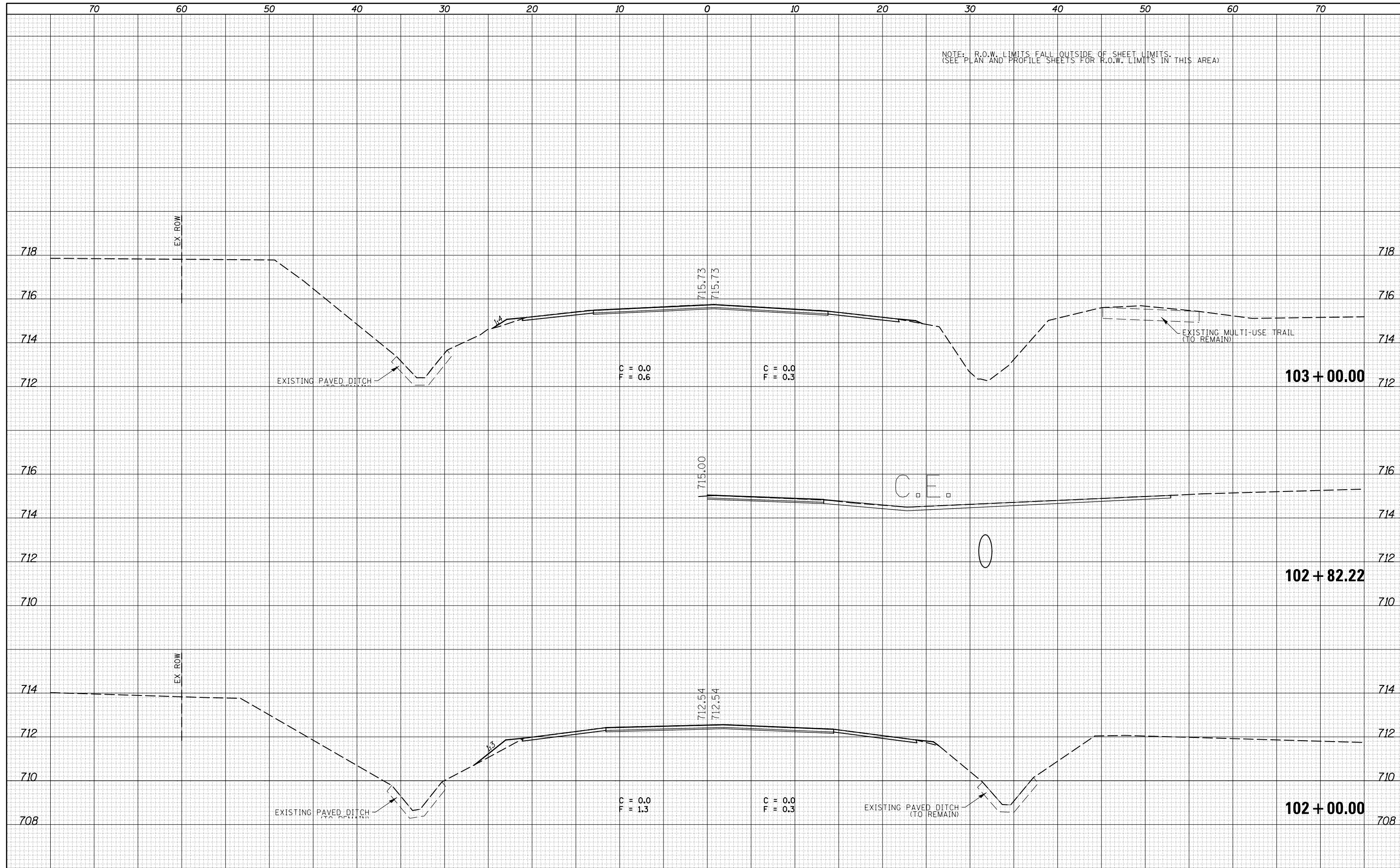
CROSS SECTIONS - IL 47

SCALE: SHEET 14 OF 217 SHEETS STA. 99+88.30 TO STA. 101+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	264
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
c:\pwork\pwork\ceorlockbm\d0187612\0570844	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

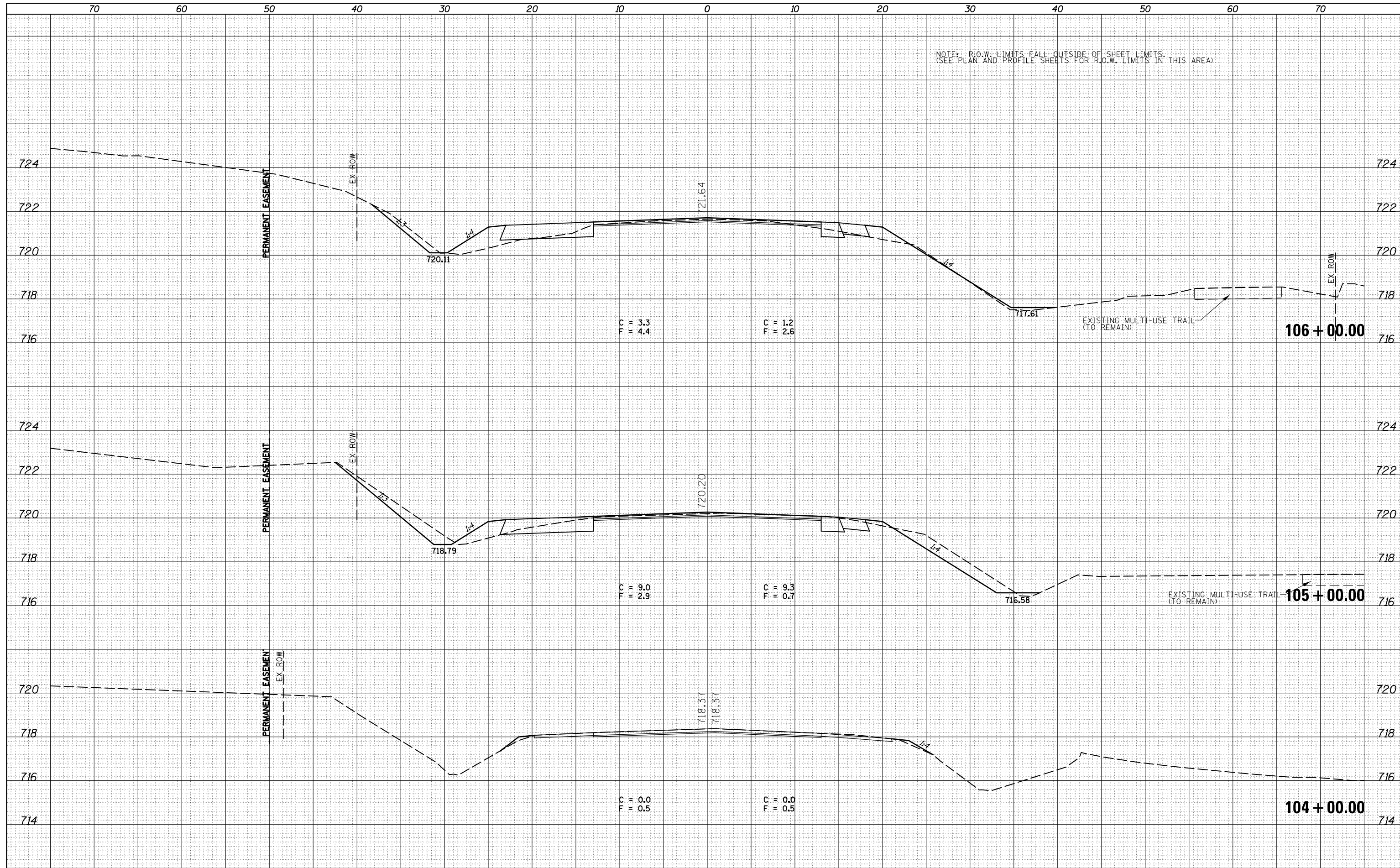
CROSS SECTIONS - IL 47

SCALE: SHEET 15 OF 217 SHEETS STA. 102+00.00 TO STA. 103+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	265
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



NOTE: R.O.W. LIMITS FALL OUTSIDE OF SHEET LIMITS.
(SEE PLAN AND PROFILE SHEETS FOR R.O.W. LIMITS IN THIS AREA)

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ca:\pw_work\pwidot\ceorlockbm\d0187612\0570844	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 47

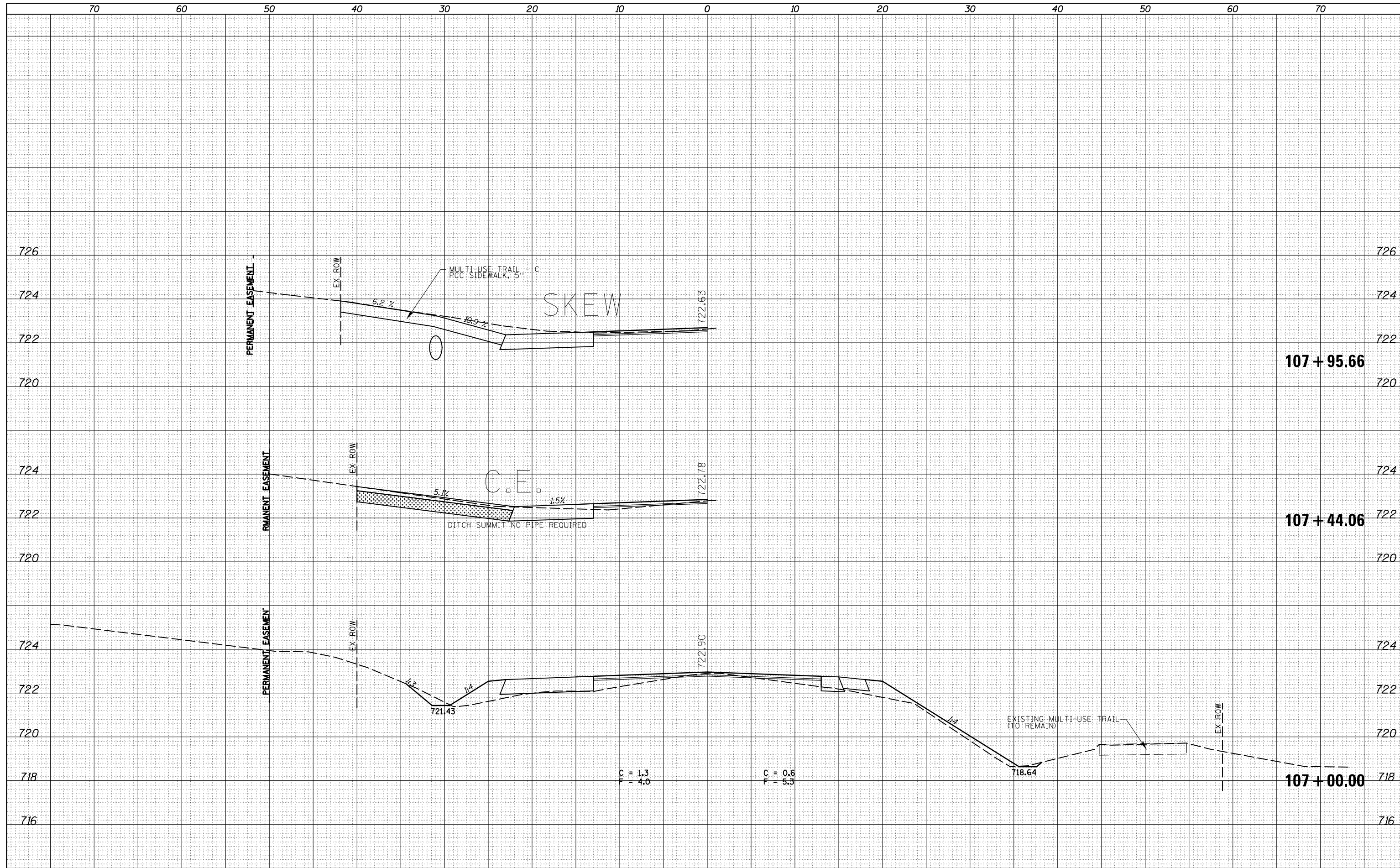
SCALE: SHEET 16 OF 217 SHEETS STA. 104+00.00 TO STA. 106+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	266
			CONTRACT NO. 70844	

ILLINOIS FED. AID PROJECT

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

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



FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\cealockbm\d0187612\0570844	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

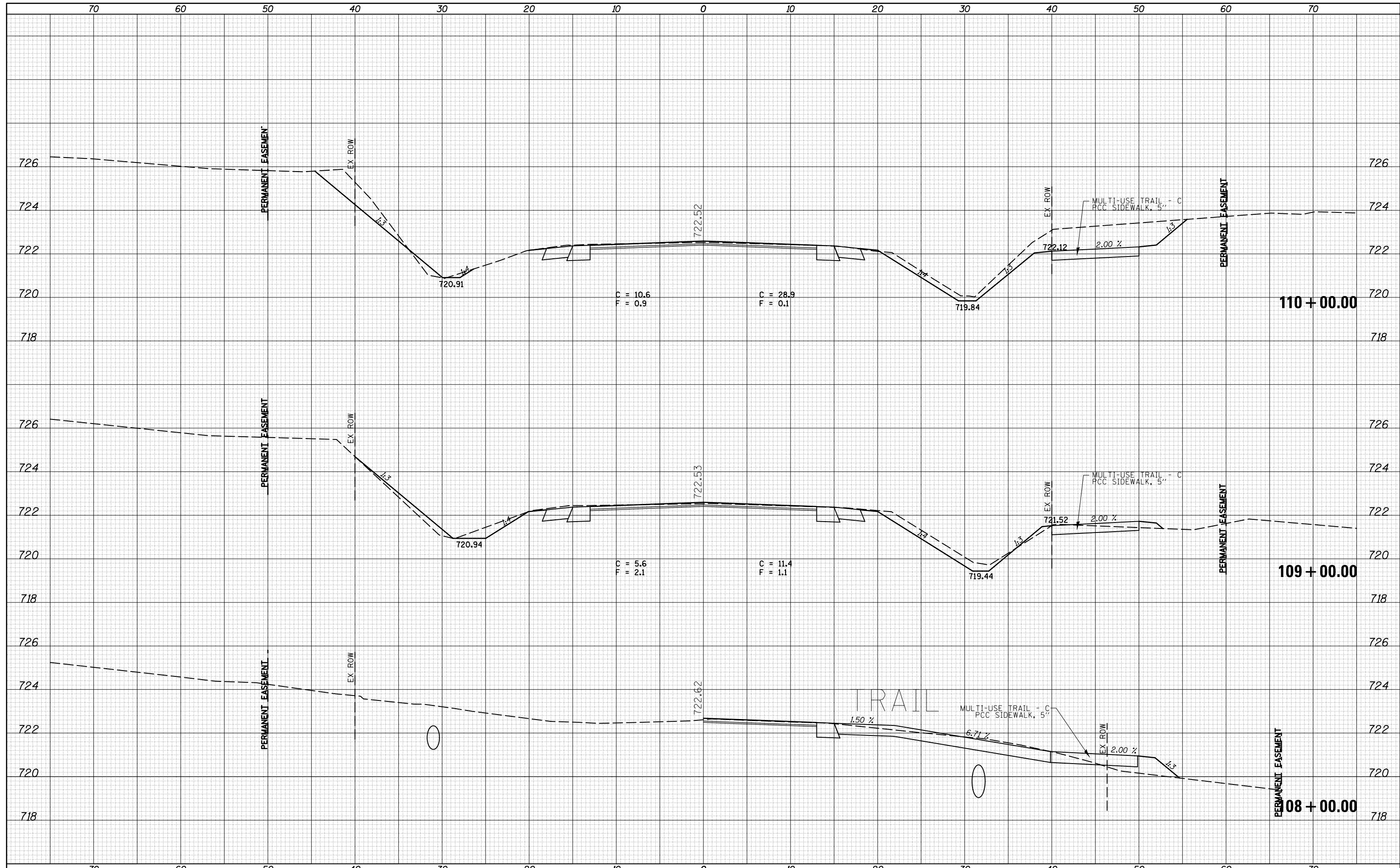
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47	
SCALE:	SHEET 17 OF 217 SHEETS STA. 107+00.00 TO STA. 107+95.66

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	267
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\0570844-ht-ssht-IL 47.dgn

USER NAME = cearlockbm
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

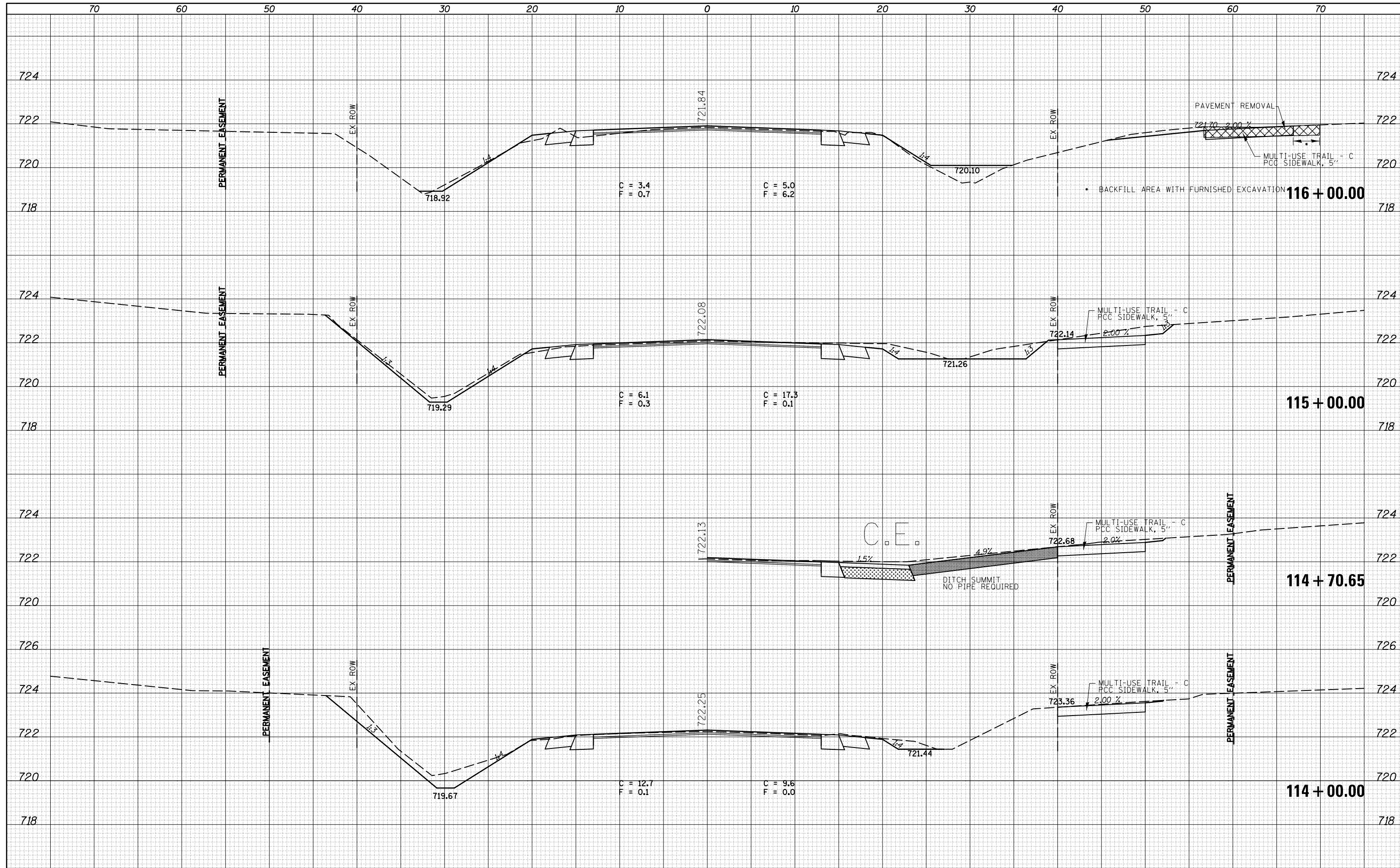
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 47
 SCALE: SHEET 18 OF 217 SHEETS STA. 108+00.00 TO STA. 110+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	268
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -
c:\pwork\pwork\ceerlockbm\d0187612\0570844	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

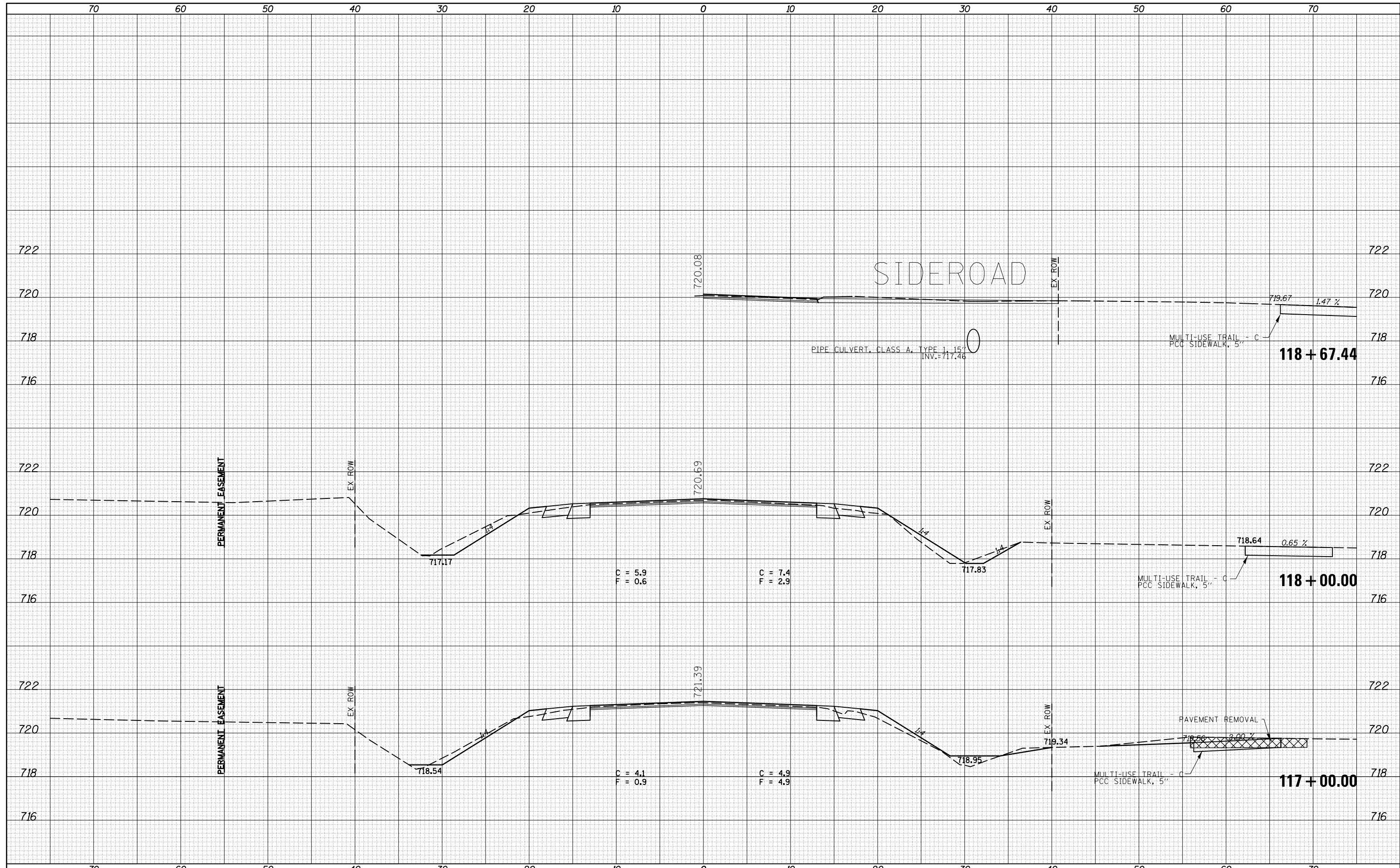
CROSS SECTIONS - IL 47

SCALE: SHEET 20 OF 217 SHEETS STA. 114+00.00 TO STA. 116+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	270
			CONTRACT NO. 70844	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =
 c:\pw_work\pwidot\cearlockbm\d0187612\0570844-

USER NAME = cearlockbm
 ht-ssht-IL 47.dgn
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 10/10/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

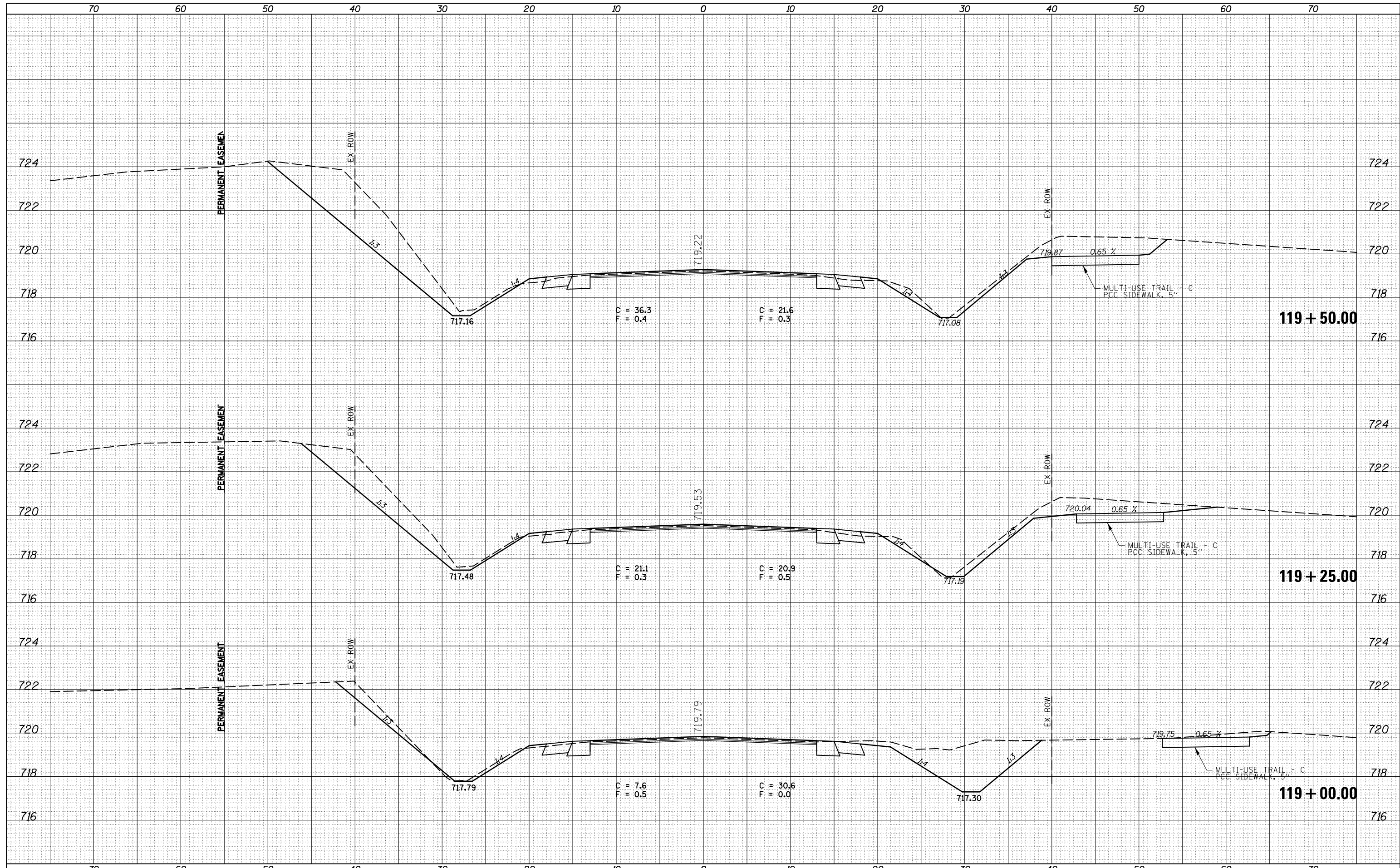
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 47
 SCALE: SHEET 21 OF 217 SHEETS STA. 117+00.00 TO STA. 118+67.44

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	271
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
 c:\pw_work\pwidot\cearlockbm\0187612\0570844-

USER NAME = cearlockbm
 ht-xssh-IL 47.dgn
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 10/10/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

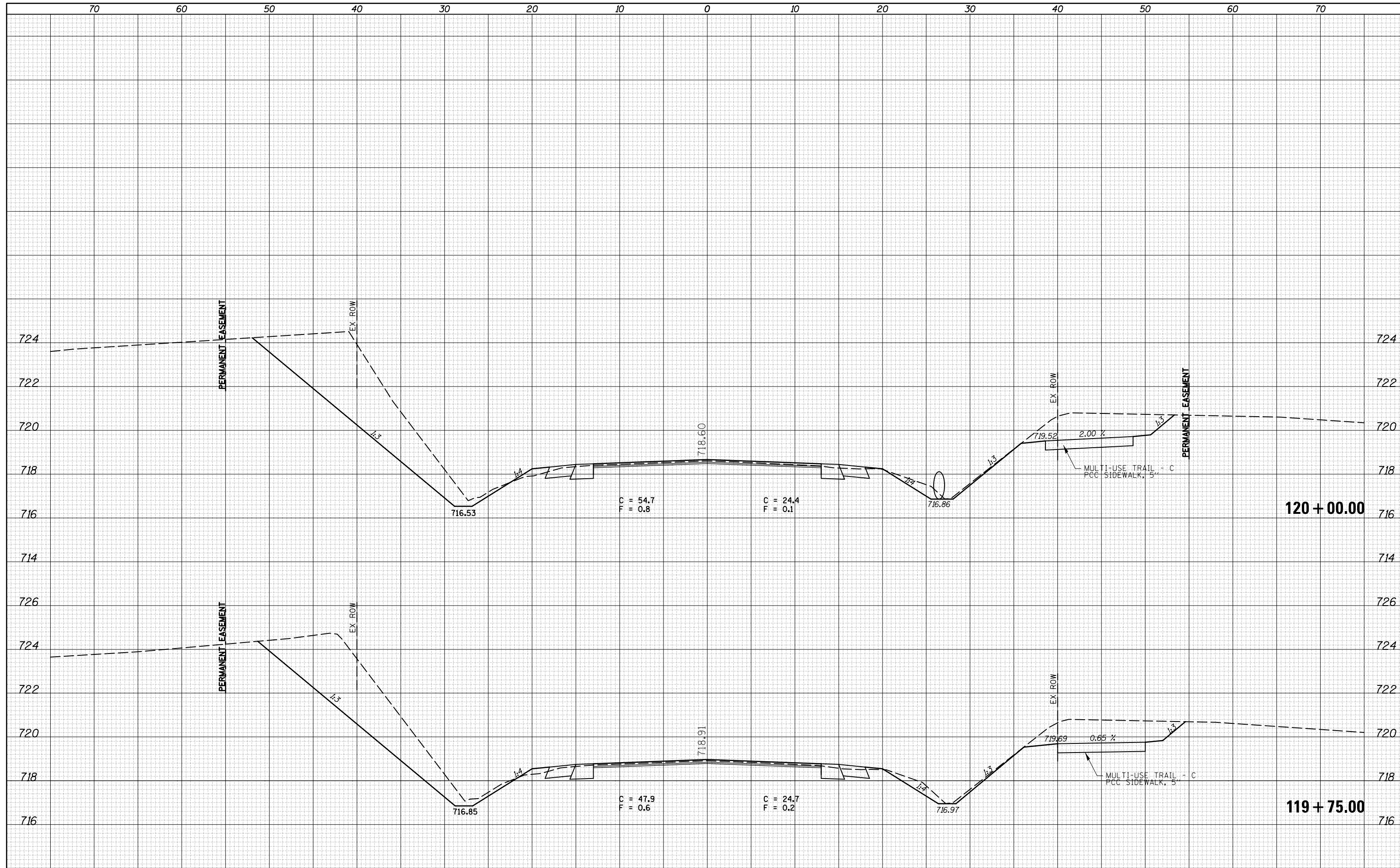
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47
 SCALE: SHEET 22 OF 217 SHEETS STA. 119+00.00 TO STA. 119+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	272
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ca:\pw_work\pwidot\ceorlockbm\0187612\0570844-	ht-xssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

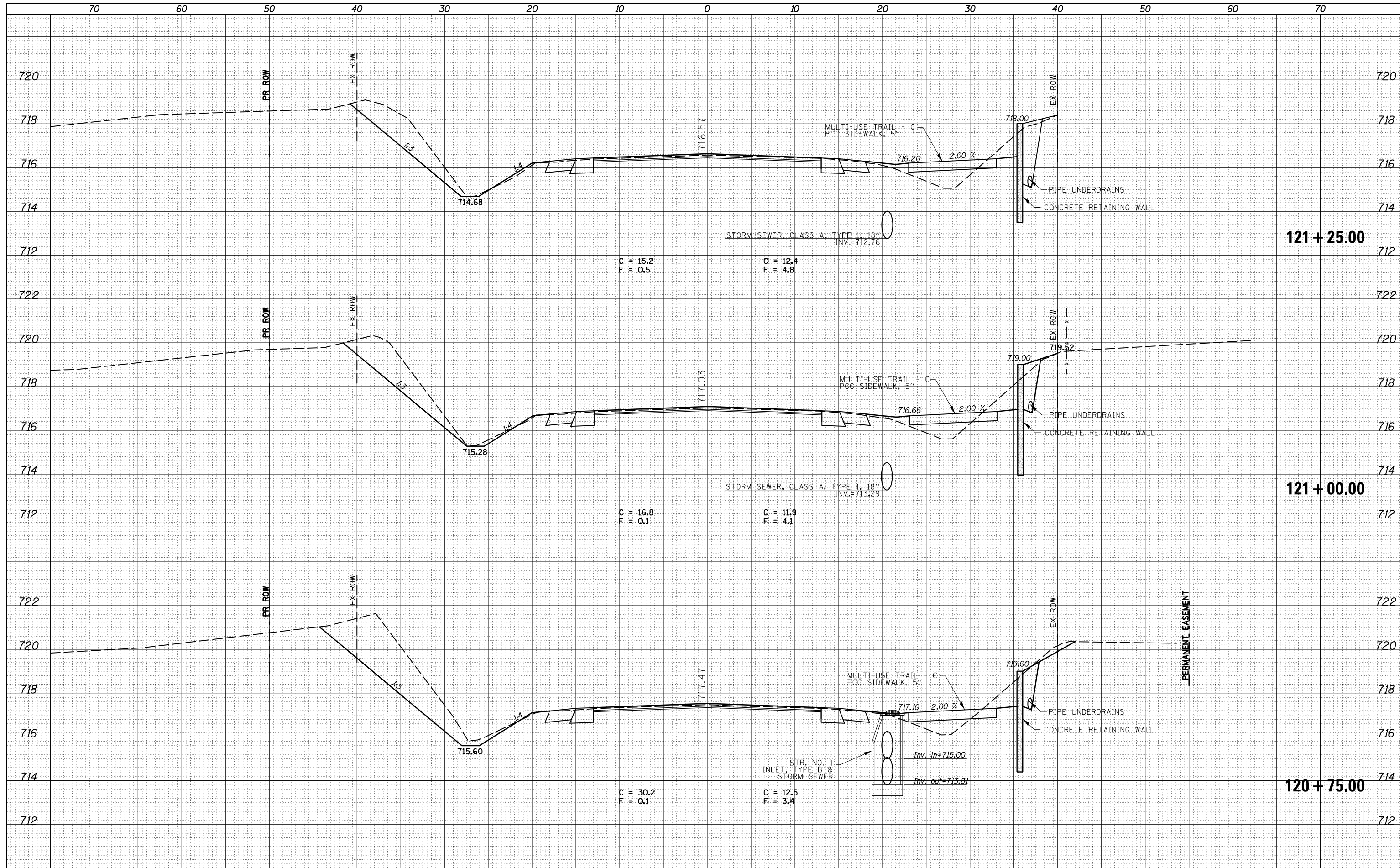
CROSS SECTIONS - IL 47

SCALE: SHEET 23 OF 217 SHEETS STA. 119+75.00 TO STA. 120+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	273
			CONTRACT NO. 70844	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ca:\pw_work\pwidot\ceorlockbm\d0187612\0570844-	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

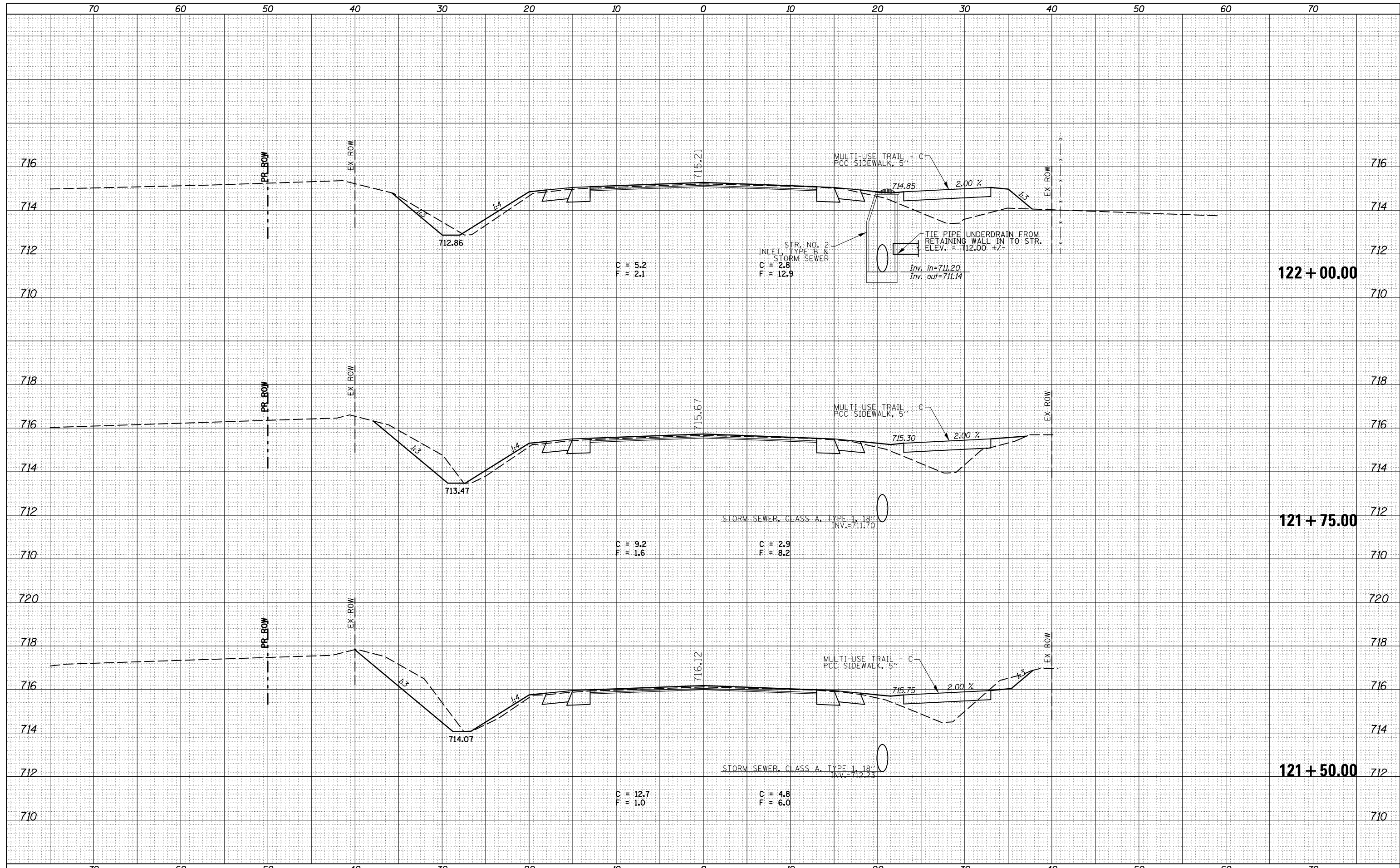
CROSS SECTIONS - IL 47

SCALE: SHEET 25 OF 217 SHEETS STA. 120+75.00 TO STA. 121+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	275
			CONTRACT NO. 70844	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME =
 c:\pw_work\pwidot\cearlockbm\d0187612\05708444

USER NAME = cealockbm
 ht-xssh-IL 47.dgn
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 10/10/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

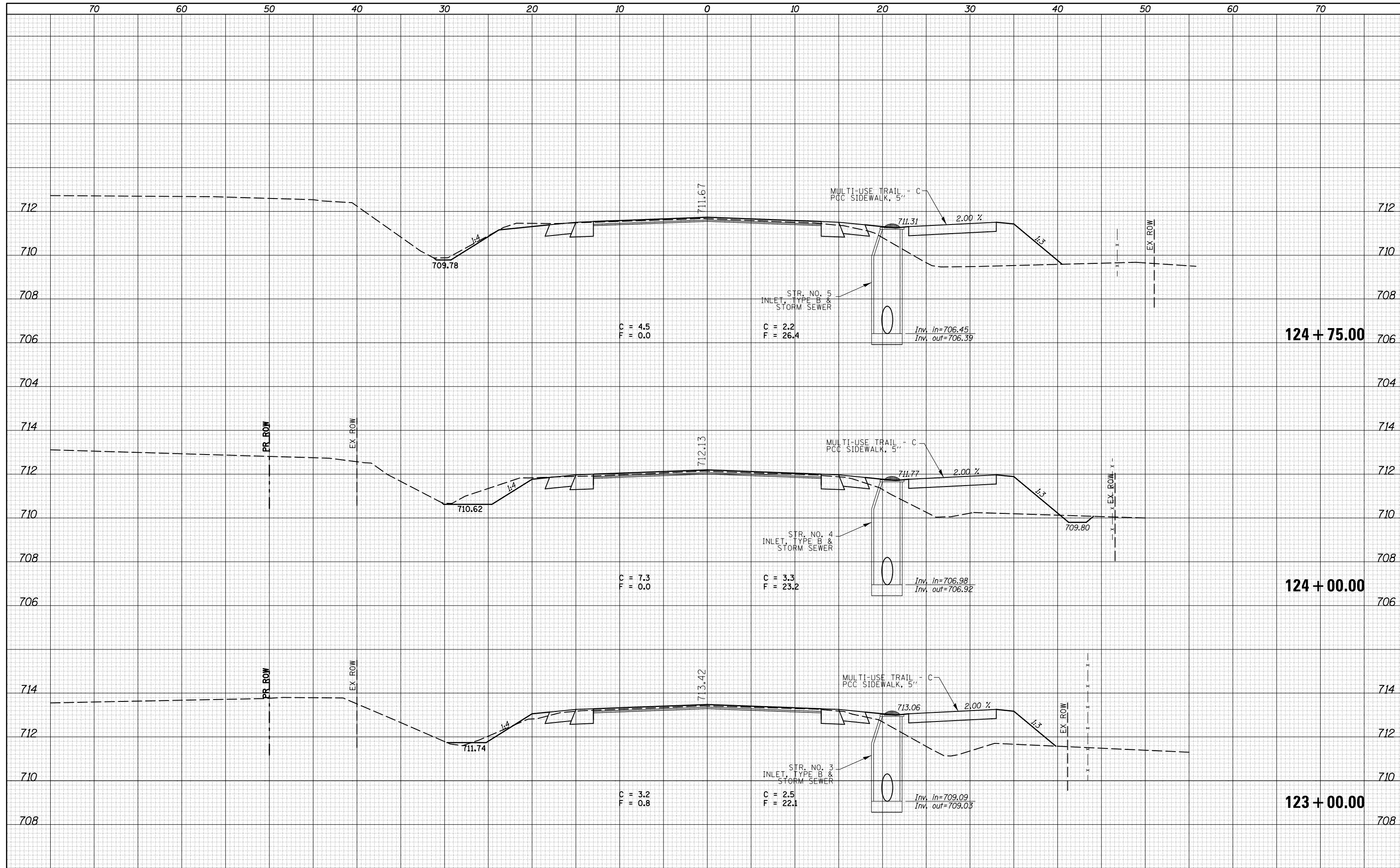
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47
 SCALE: SHEET 26 OF 217 SHEETS STA. 121+50.00 TO STA. 122+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	276
			CONTRACT NO. 70844	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ca:\pw_work\pwidot\ceorlockbm\d0187612\0570844	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

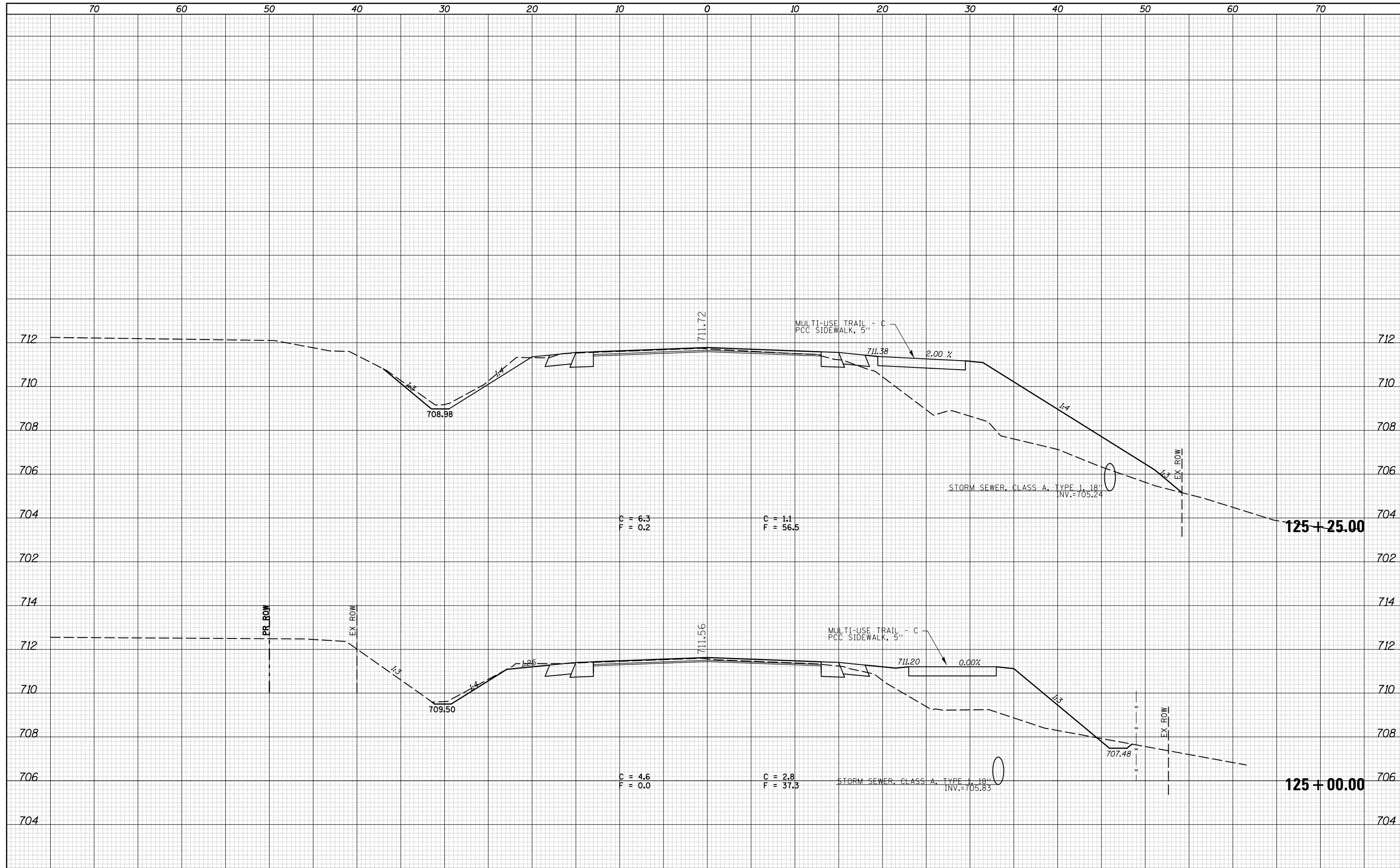
CROSS SECTIONS - IL 47

SCALE: SHEET 27 OF 217 SHEETS STA. 123+00.00 TO STA. 124+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	277
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ca:\pw_work\pwidot\ceorlockbm\d0187612\0570844-	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

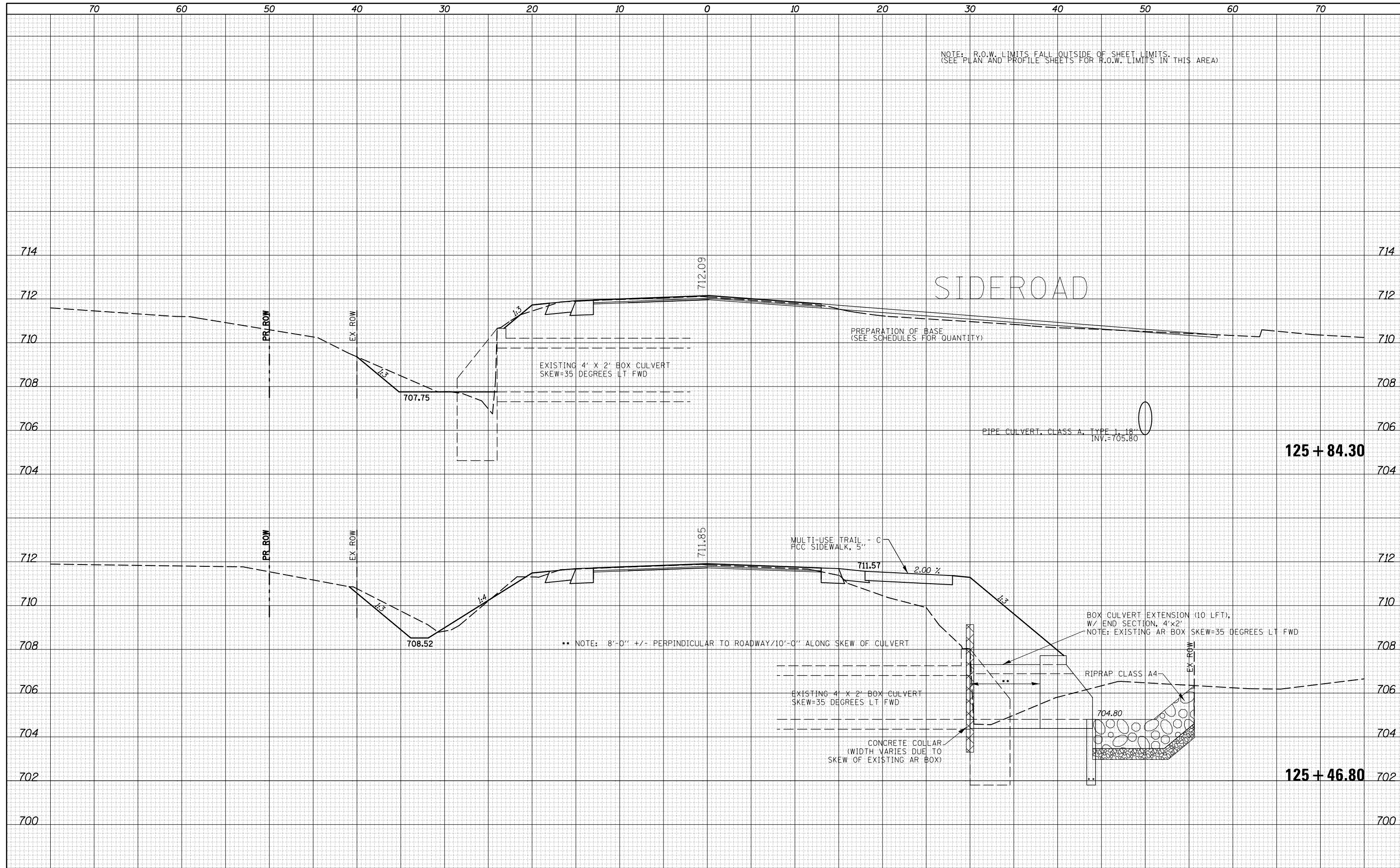
CROSS SECTIONS - IL 47

SCALE: SHEET 28 OF 217 SHEETS STA. 125+00.00 TO STA. 125+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	278
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\05708444

USER NAME = cealockbm
 ht-xssh-IL 47.dgn
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 10/10/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

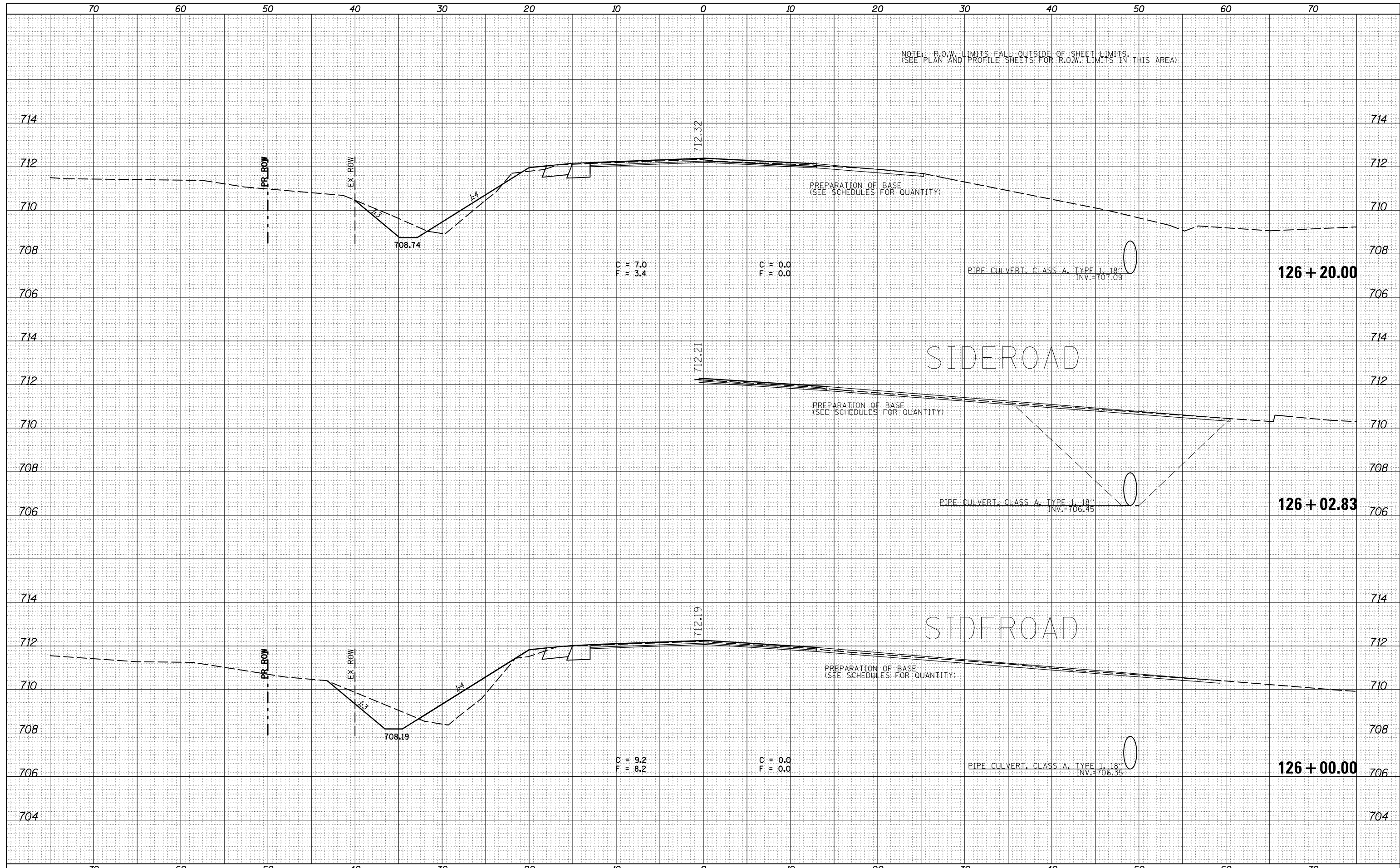
CROSS SECTIONS - IL 47

SCALE: SHEET 29 OF 217 SHEETS STA. 125+46.80 TO STA. 125+84.30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	279
			CONTRACT NO. 70844	
ILLINOIS FED. AID PROJECT				

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

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



NOTE: R.O.W. LIMITS FALL OUTSIDE OF SHEET LIMITS.
(SEE PLAN AND PROFILE SHEETS FOR R.O.W. LIMITS IN THIS AREA)

FILE NAME =
c:\pwork\pwork\c\c\lockbm\0187612\0570844-

USER NAME = cearlockbm
ht-ssht-IL 47.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 10/10/2014

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

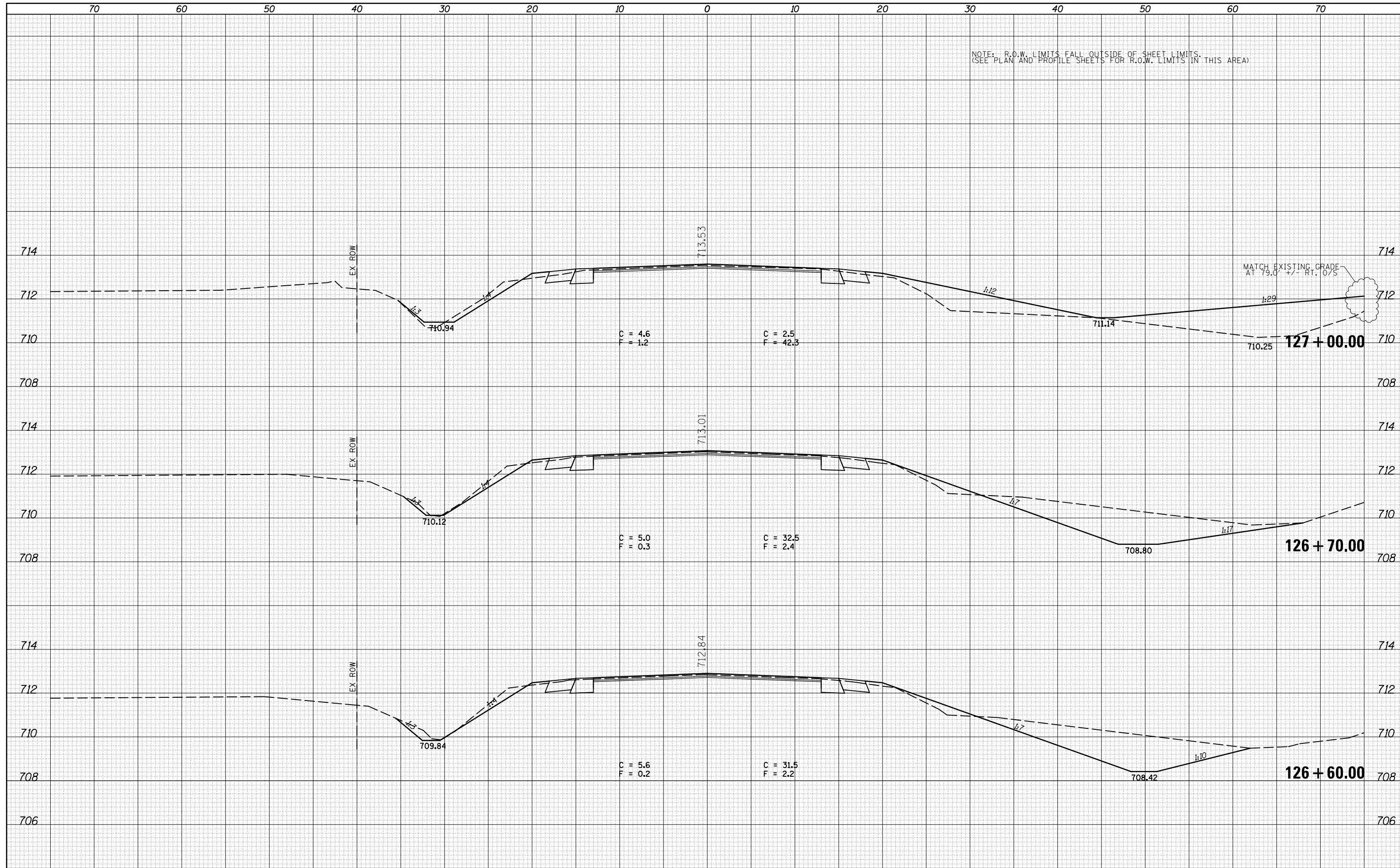
SCALE: SHEET 30 OF 217 SHEETS STA. 126+00.00 TO STA. 126+20.00

CROSS SECTIONS - IL 47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	280
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
 c:\pw_work\pwidot\cearlockbm\d0187612\0570844-
 MODELNAME

USER NAME = cealockbm	DESIGNED -	REVISED -
ht-ssht-IL 47.dgn	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47

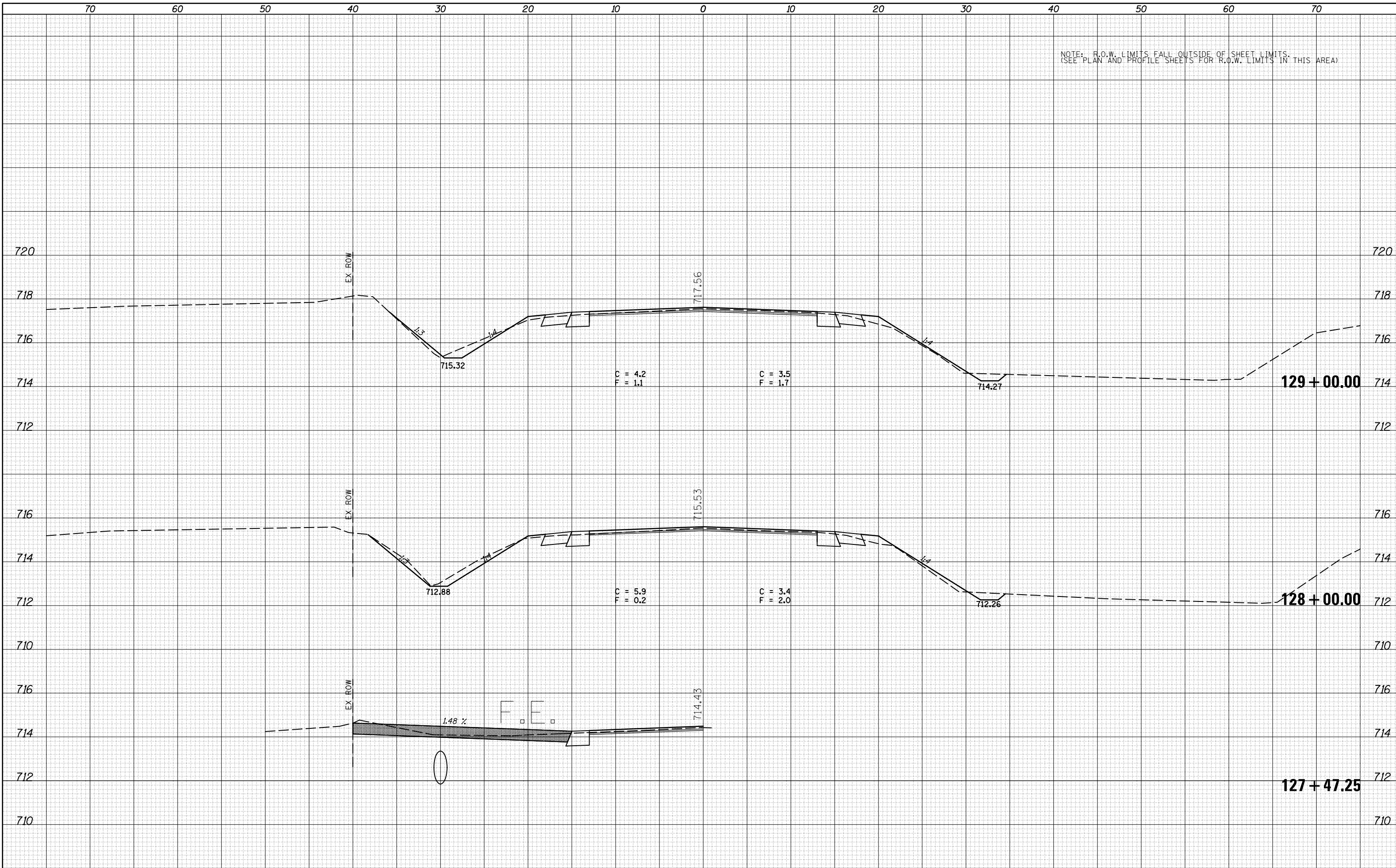
SCALE: SHEET 32 OF 217 SHEETS STA. 126+60.00 TO STA. 127+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	282
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

NOTE: R.O.W. LIMITS FALL OUTSIDE OF SHEET LIMITS.
(SEE PLAN AND PROFILE SHEETS FOR R.O.W. LIMITS IN THIS AREA)

DATE	BY	SURVEYED	PLOTTED	AREAS CHECKED

DATE	BY	ORIGINAL SURVEY	PLOTTED	AREAS CHECKED



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ca:\pw_work\pwidot\ceorlockbm\d0187612\05708444	ht-xssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

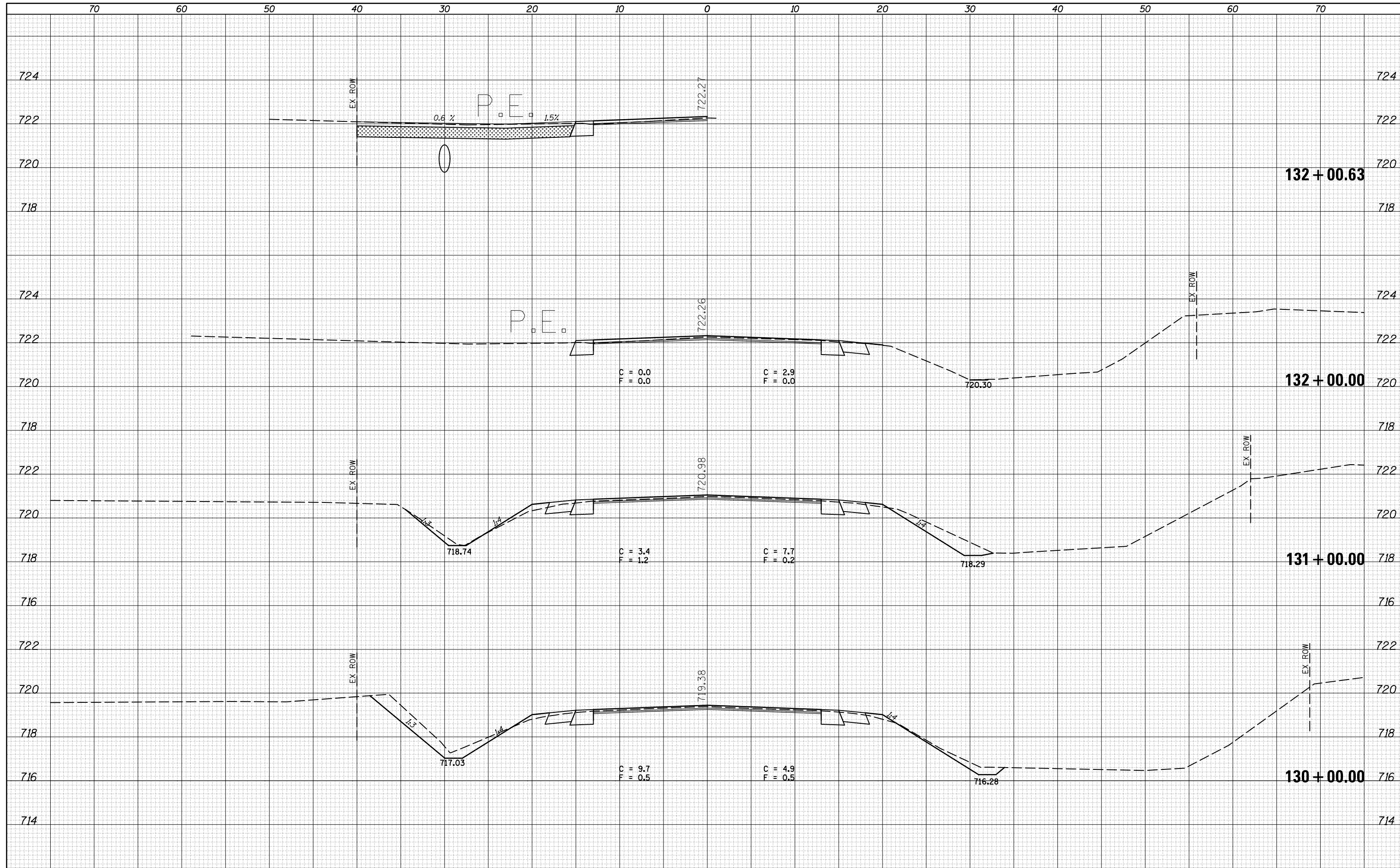
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 33	OF 217 SHEETS	STA. 127+46.87	TO STA. 129+00.00
--------	----------	---------------	----------------	-------------------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	283
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\cealockbm\d0187612\0570844-	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

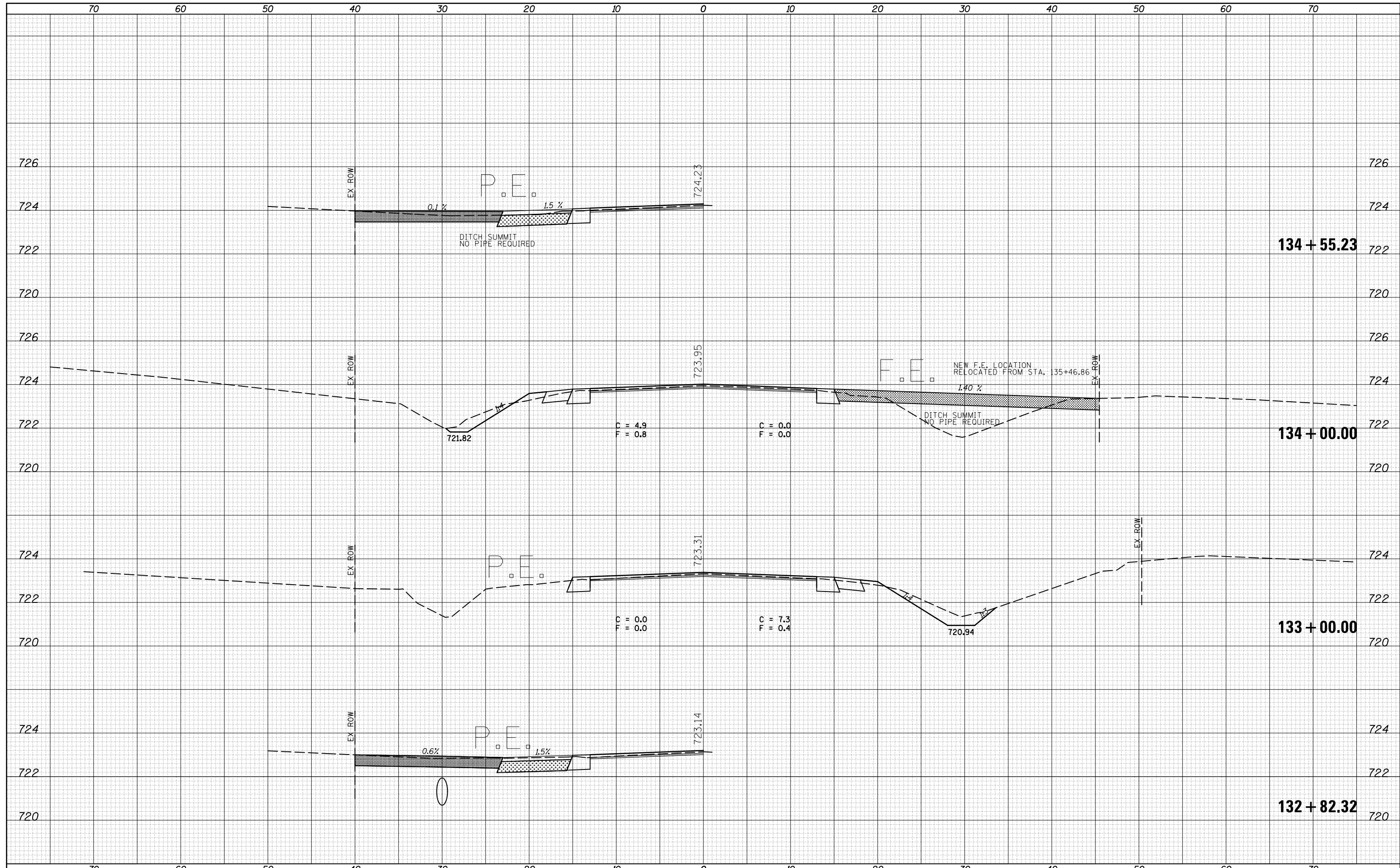
CROSS SECTIONS - IL 47

SCALE: SHEET 34 OF 217 SHEETS STA. 130+00.00 TO STA. 132+00.34

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	284
CONTRACT NO. 70844				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL	
NO.	



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ca:\pw_work\pwidot\ceorlockbm\0187612\0570844	ht-xssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

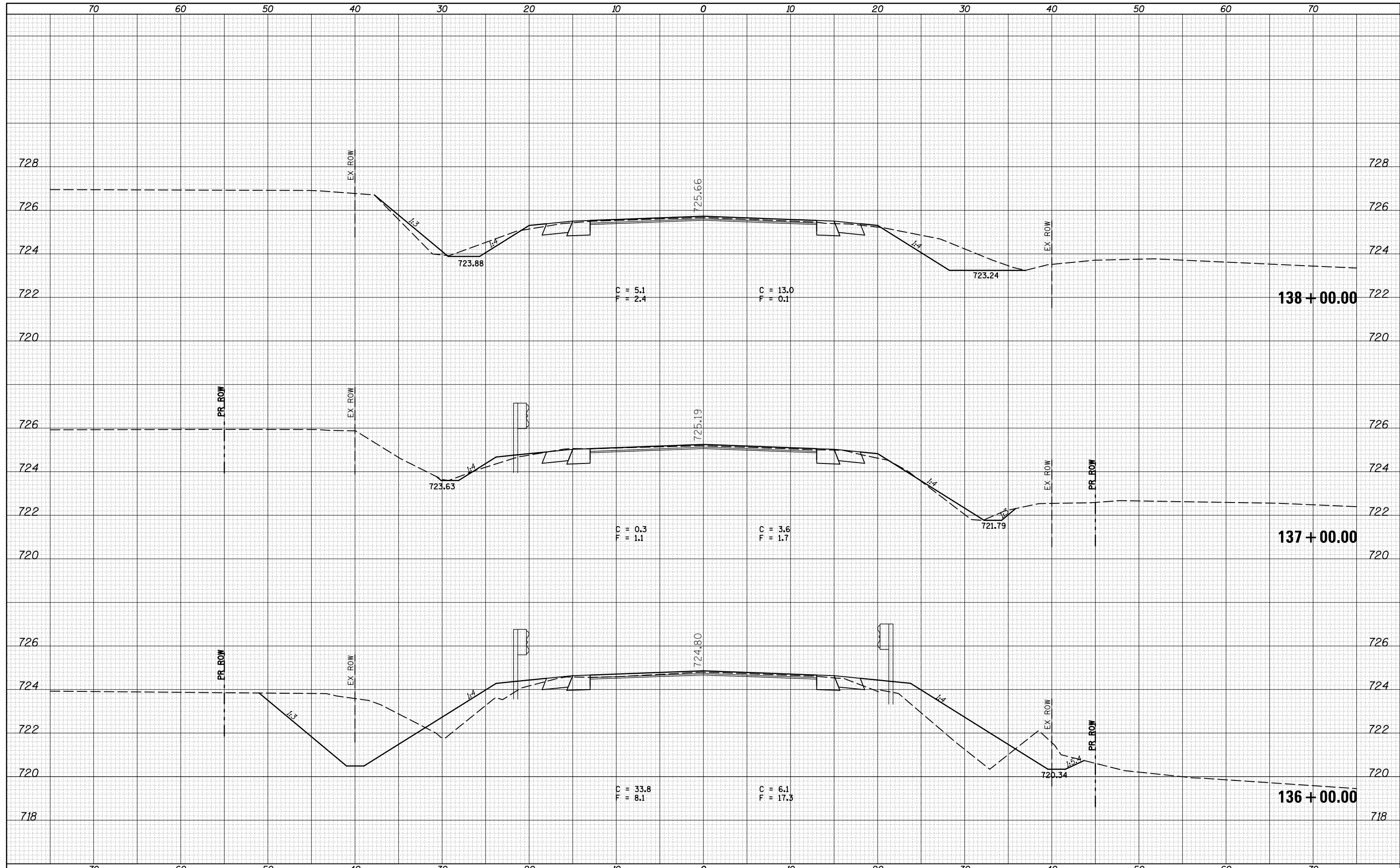
CROSS SECTIONS - IL 47

SCALE: SHEET 35 OF 217 SHEETS STA. 132+82.32 TO STA. 134+54.93

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	285
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
 c:\pw_work\pwidot\cearlockbm\d0187612\0570844

USER NAME = cealockbm
 ht-xssht-IL 47.dgn
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 10/10/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

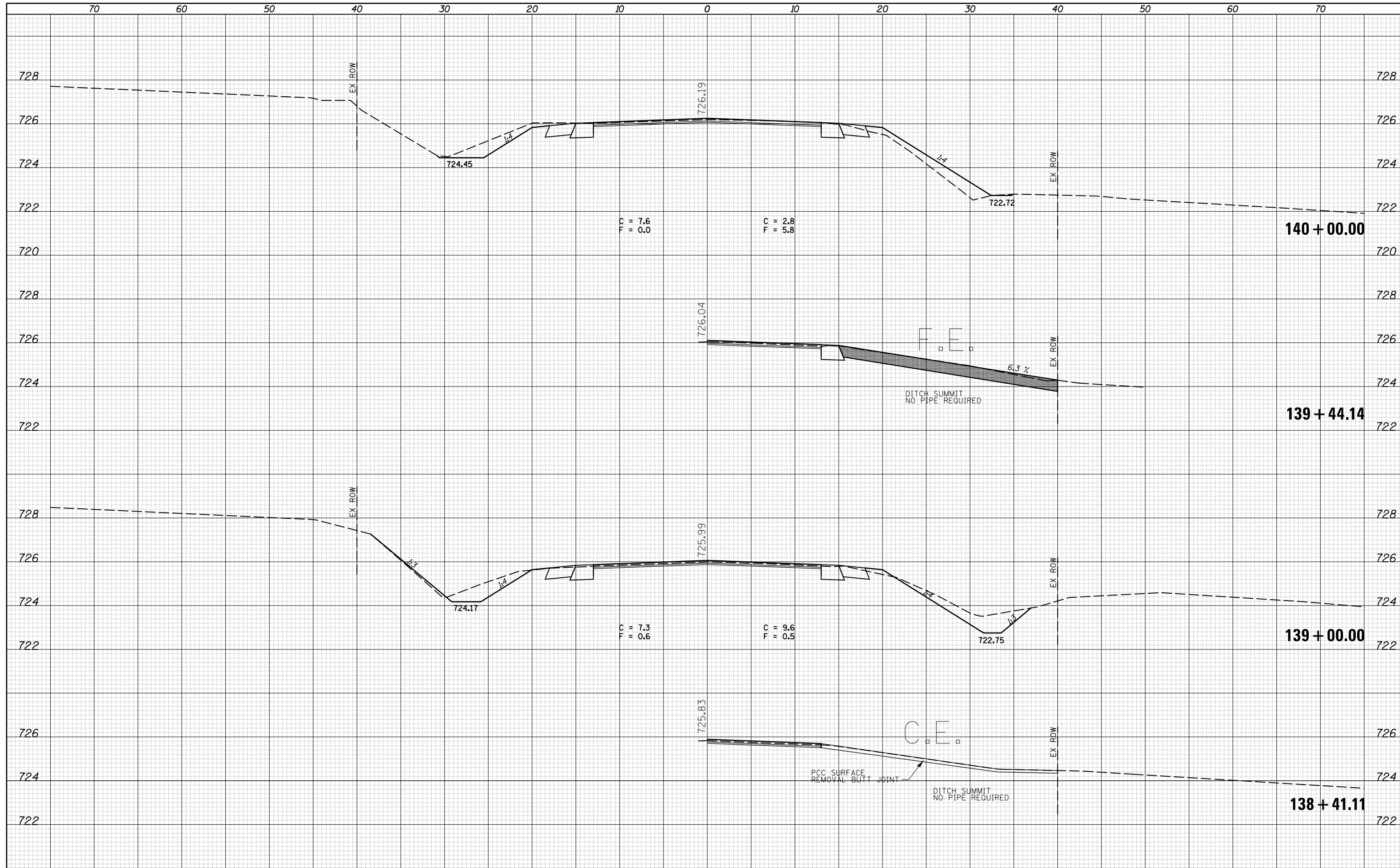
SCALE: SHEET 37 OF 217 SHEETS STA. 136+00.00 TO STA. 138+00.00

CROSS SECTIONS - IL 47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	287
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\ceorlockbm\d0187612\0570844	ht-xssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

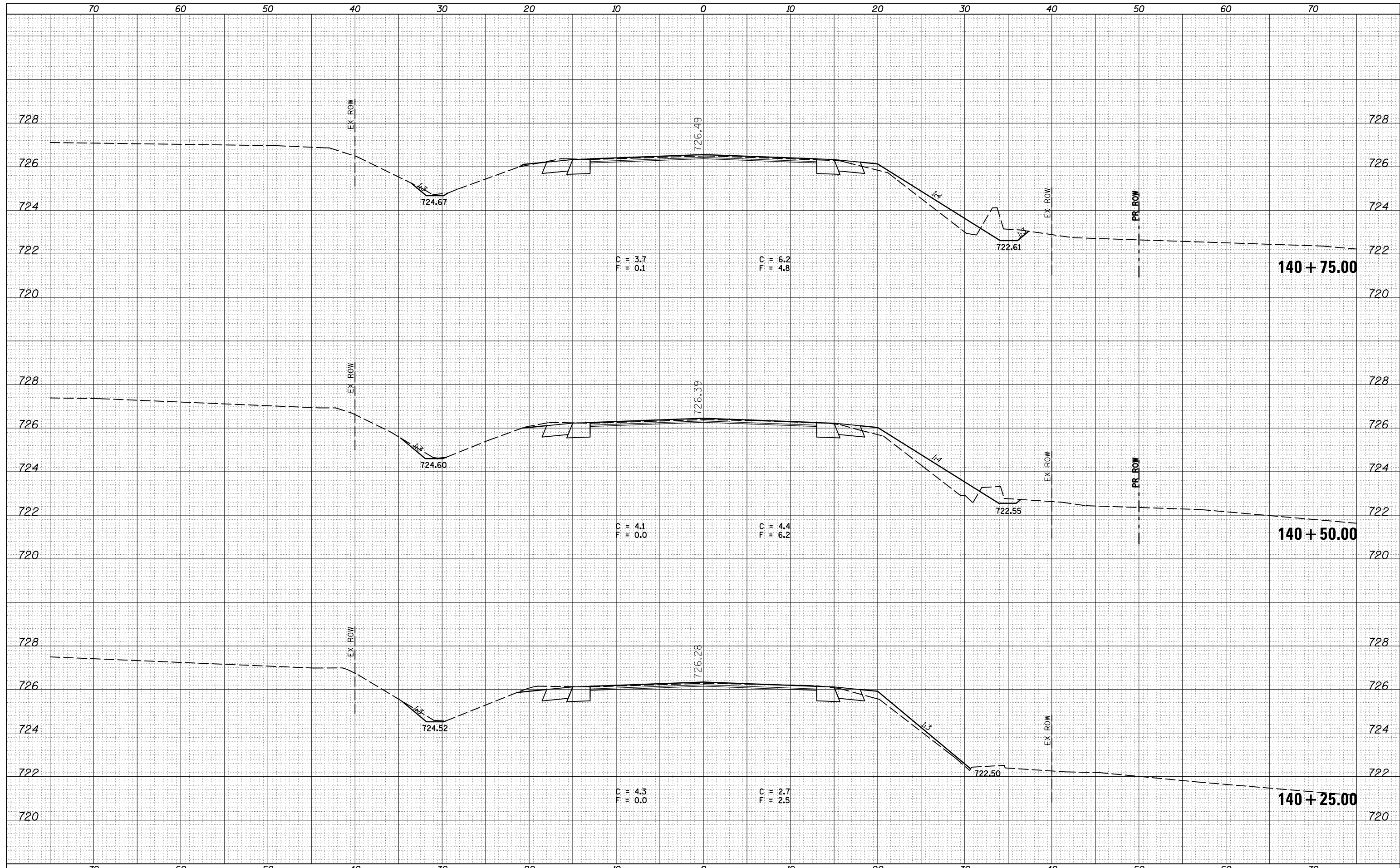
CROSS SECTIONS - IL 47

SCALE: SHEET 38 OF 217 SHEETS STA. 138+41.11 TO STA. 140+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	288
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ca:\pw_work\pwidot\ceorlockbm\0187612\0570844	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

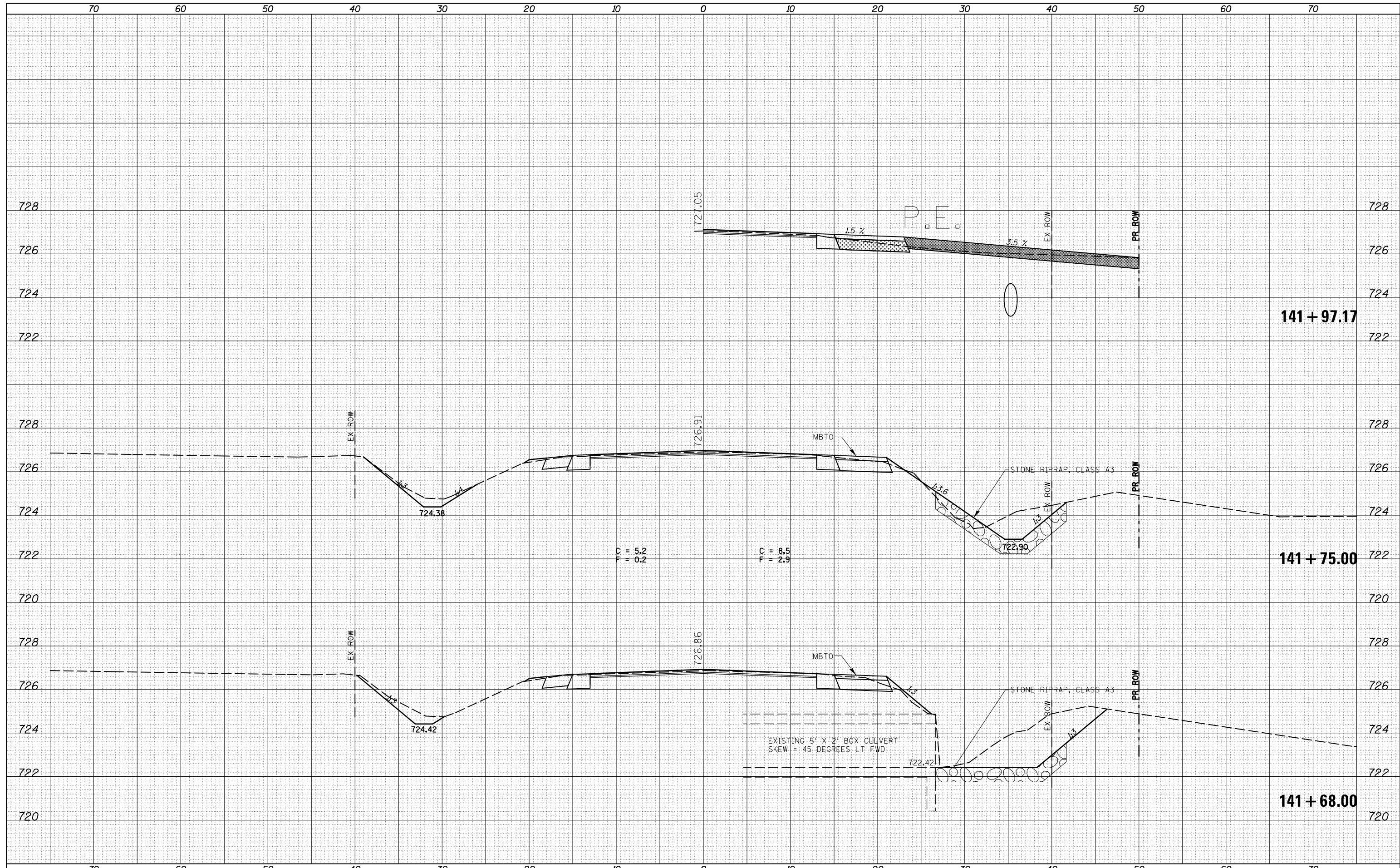
CROSS SECTIONS - IL 47

SCALE: SHEET 39 OF 217 SHEETS STA. 140+25.00 TO STA. 140+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	289
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\ceorlockbm\d0187612\0570844-	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

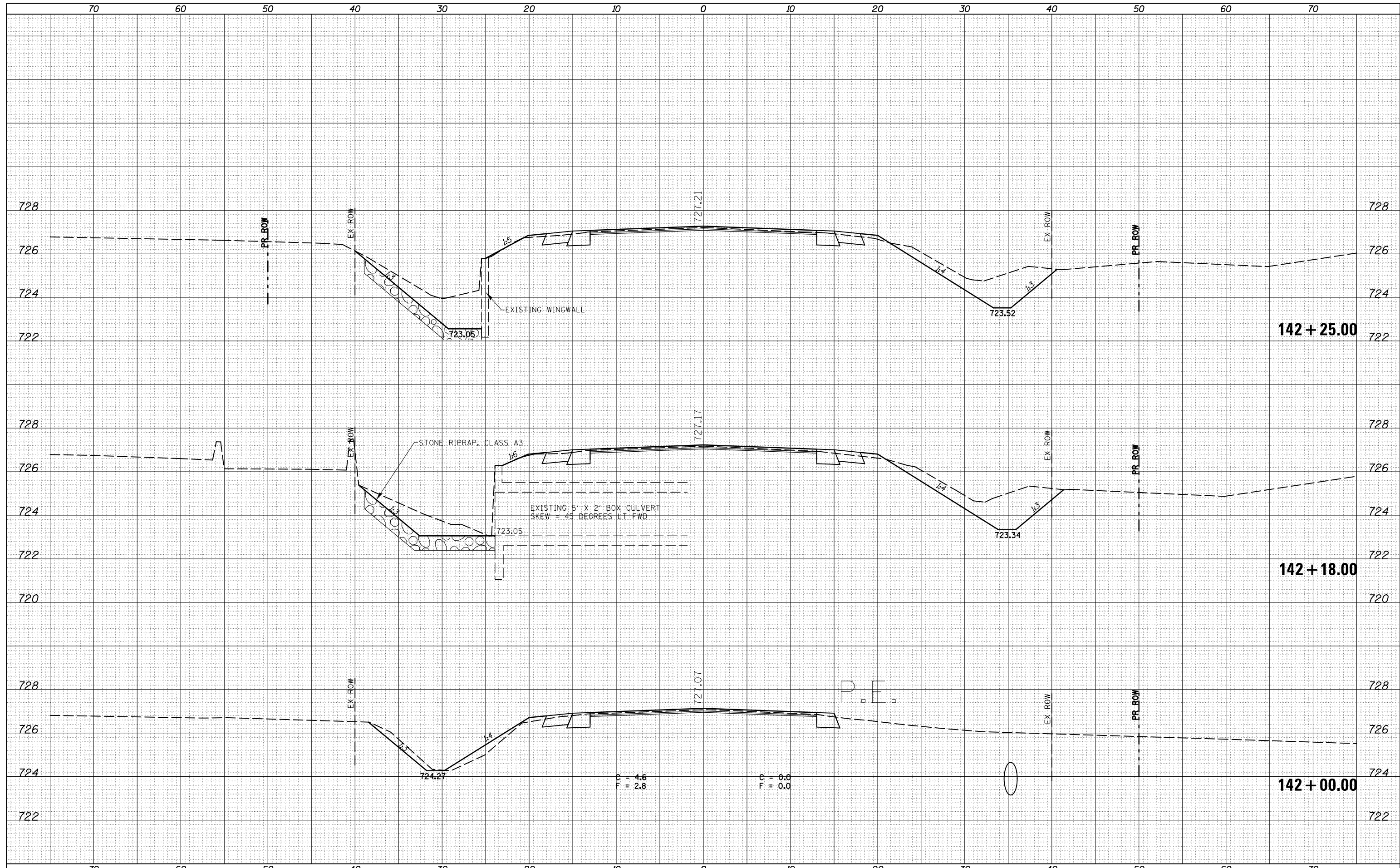
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47			
SCALE:	SHEET 41	OF 217 SHEETS	STA. 141+68.00 TO STA. 141+97.17

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	291
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
 c:\pw_work\pwidot\cearlockbm\d0187612\0570844-

USER NAME = cearlockbm
 ht-ssht-IL 47.dgn
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 10/10/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

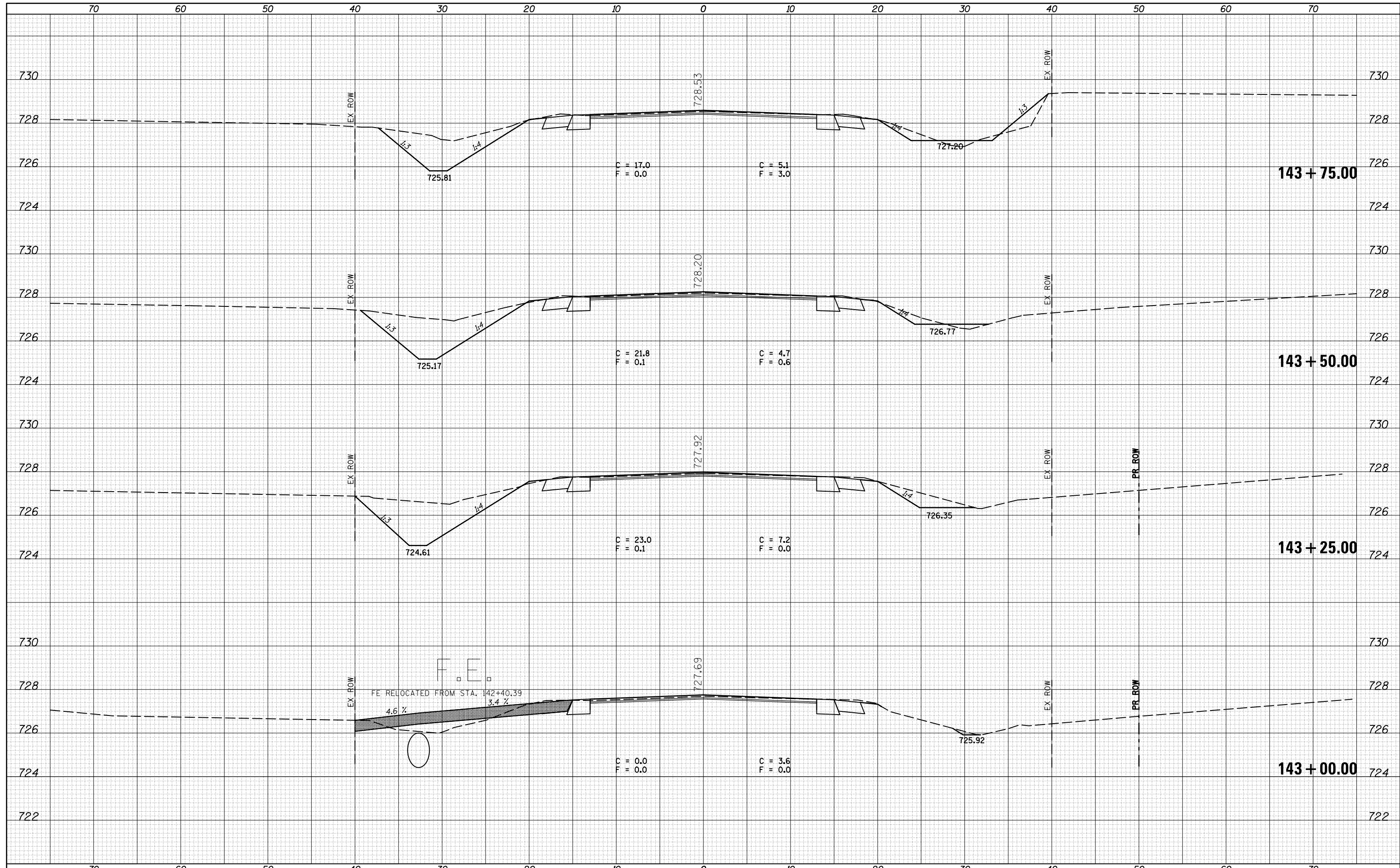
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47
 SCALE: SHEET 42 OF 217 SHEETS STA. 142+00.00 TO STA. 142+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	292
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\05708444

USER NAME = cearlockbm
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

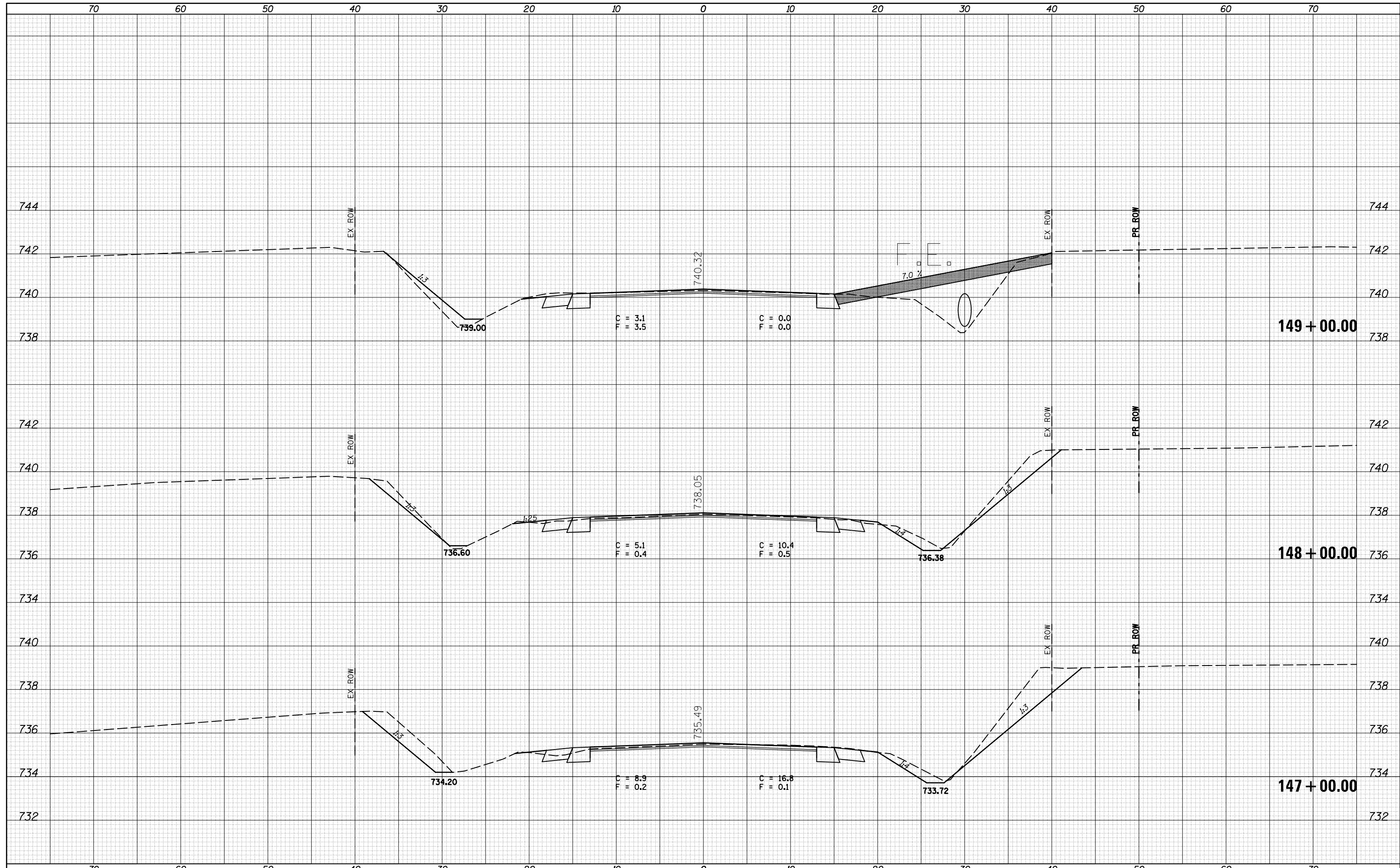
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 47
 SCALE: SHEET 44 OF 217 SHEETS STA. 143+00.00 TO STA. 143+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	294
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\0570844-ht-ssht-IL 47.dgn
 MODELNAME

USER NAME = cearlockbm	DESIGNED -	REVISED -
PLT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/10/2014	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

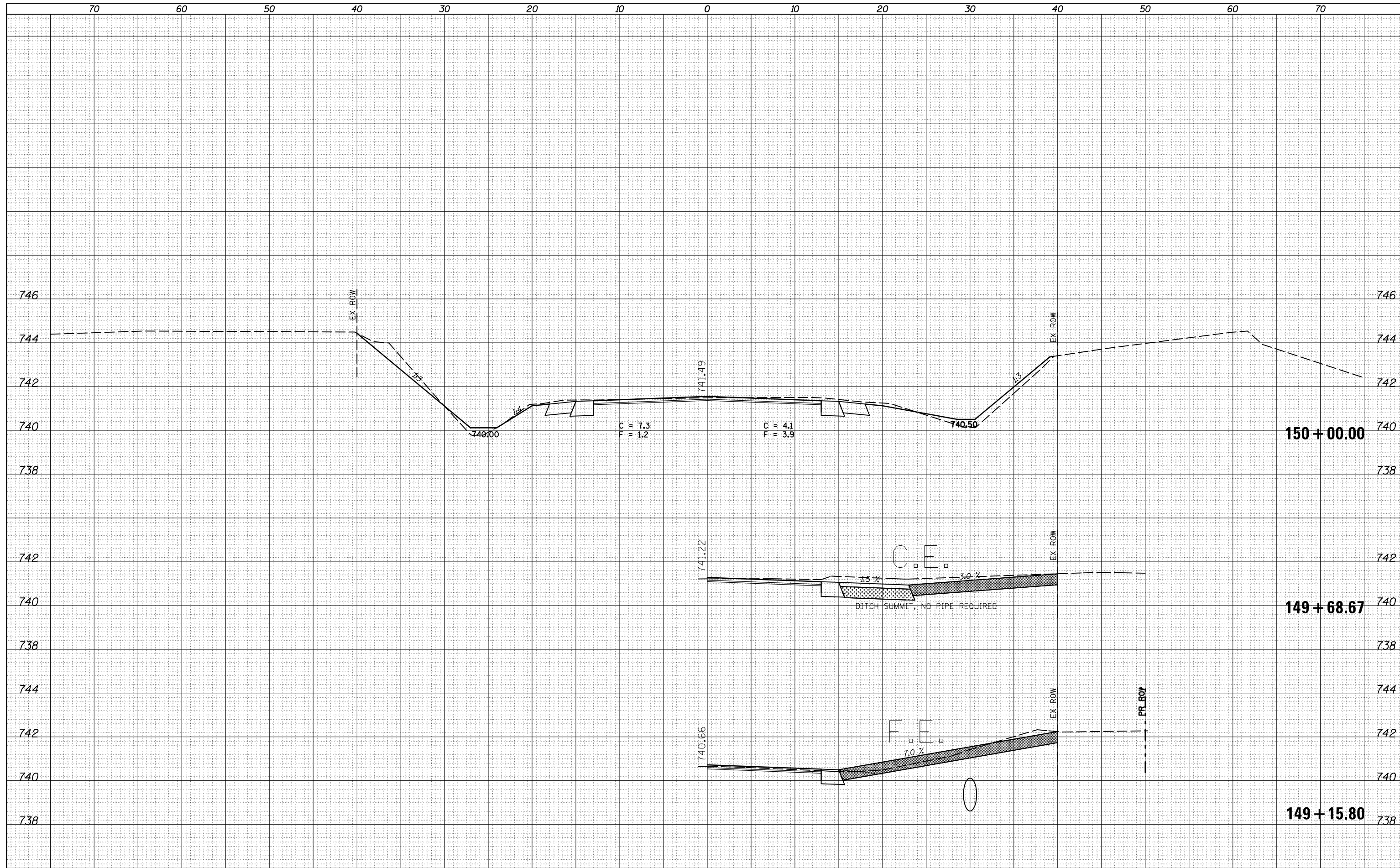
CROSS SECTIONS - IL 47

SCALE: SHEET 46 OF 217 SHEETS STA. 147+00.00 TO STA. 149+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	296
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\ceerlockbm\d0187612\0570844	ht-xssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

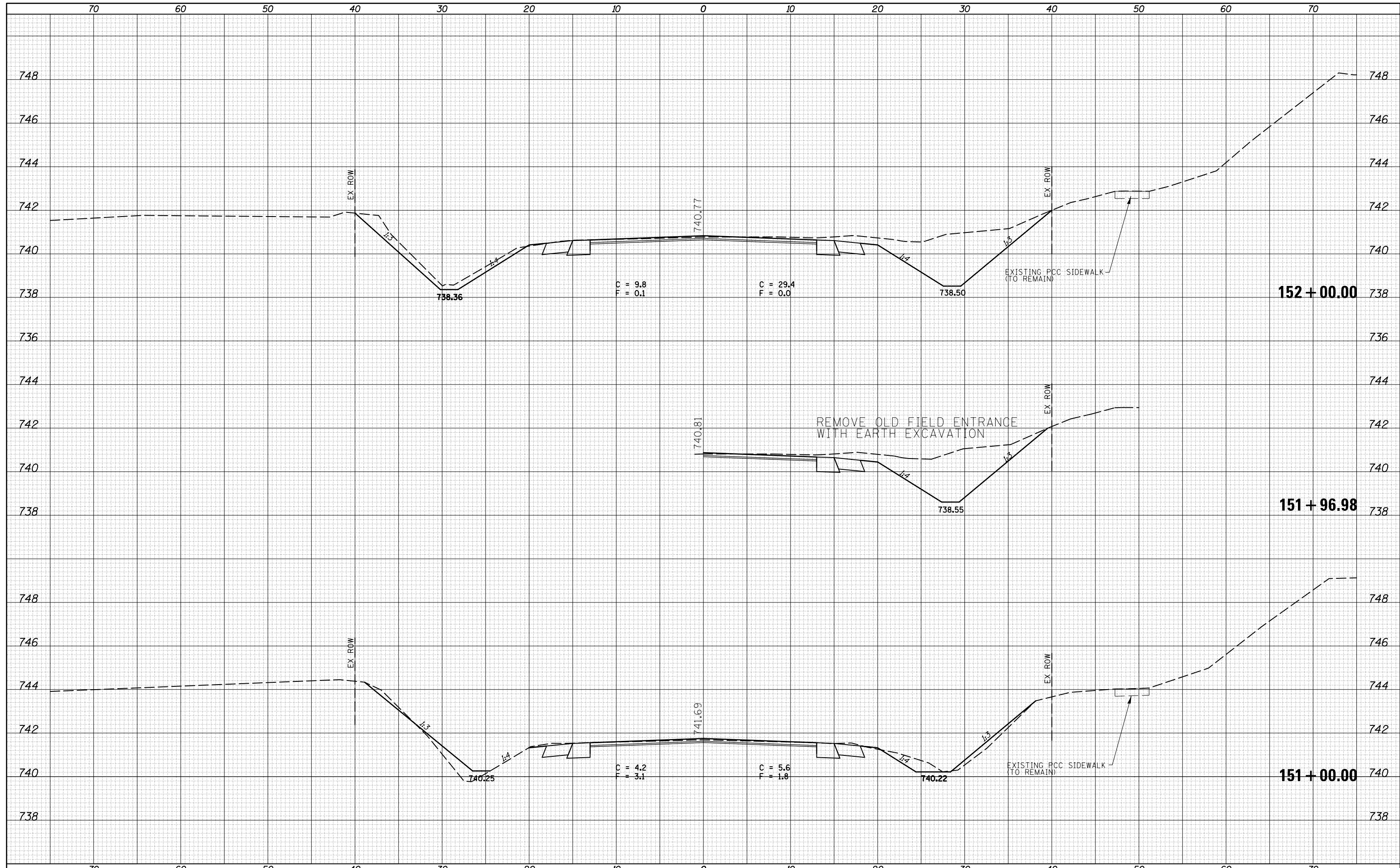
CROSS SECTIONS - IL 47

SCALE: SHEET 47 OF 217 SHEETS STA. 149+20.08 TO STA. 150+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	297
CONTRACT NO. 70844				
ILLINOIS FED. AID PROJECT				

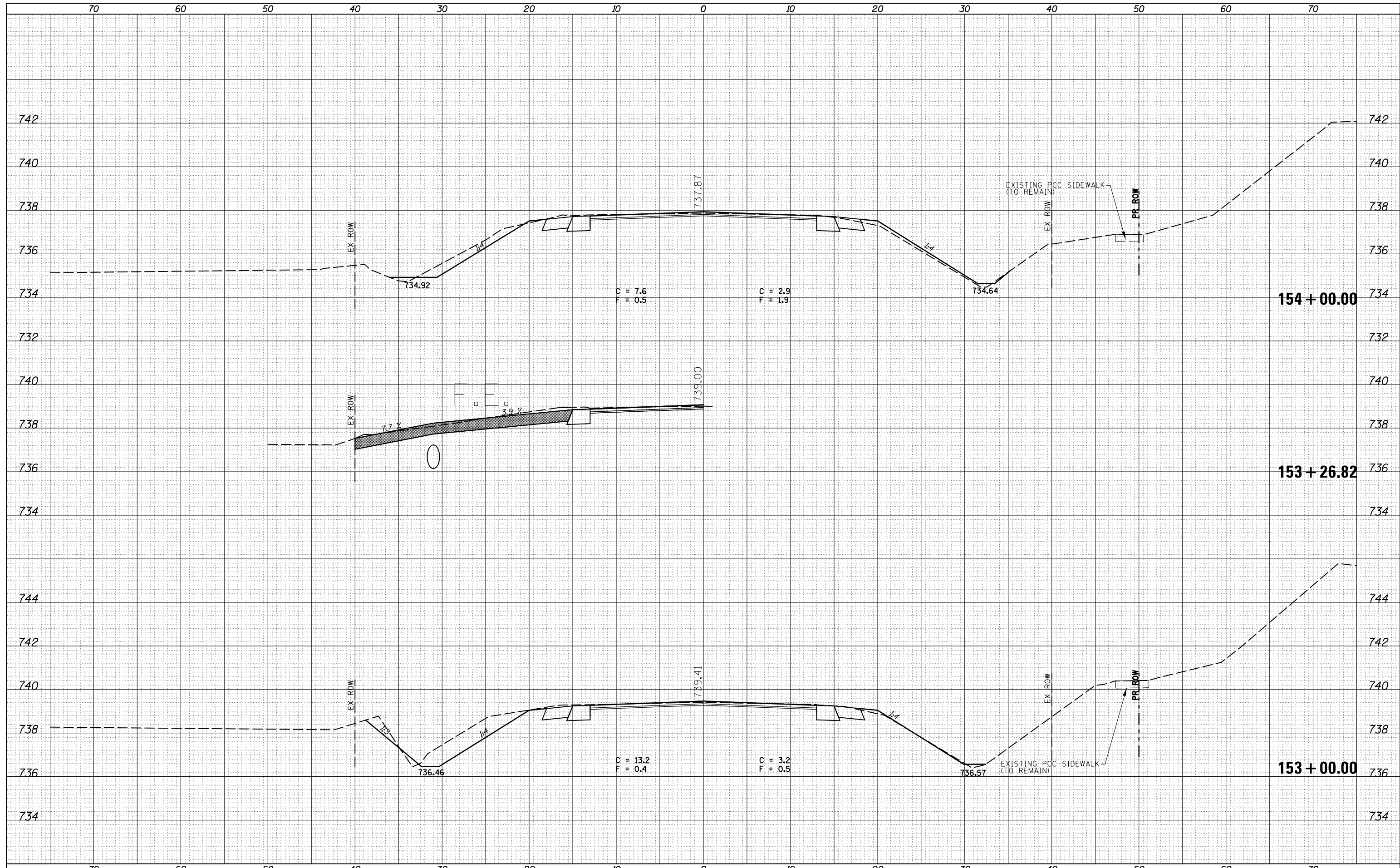
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



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

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



FILE NAME =
 c:\pw_work\pwidot\cearlockbm\d0187612\0570844-

USER NAME = cearlockbm
 ht-xssht-IL 47.dgn
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 10/10/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

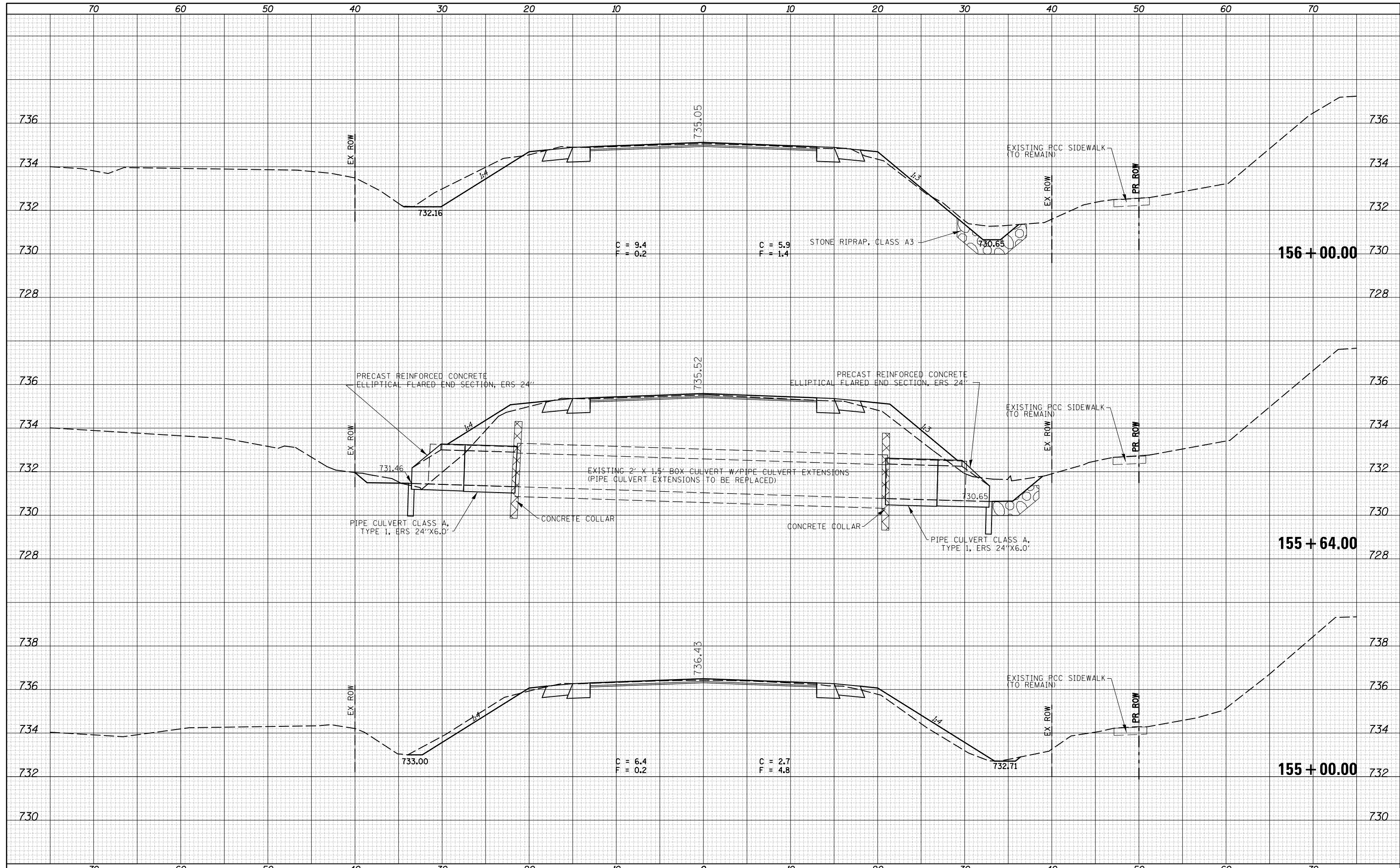
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47
 SCALE: SHEET 49 OF 217 SHEETS STA. 153+00.00 TO STA. 154+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	299
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
ca:\pw_work\pwidot\ceorlockbm\0187612\0570844	ht-ssht-IL 47.dgn	DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 47

SCALE: SHEET 50 OF 217 SHEETS STA. 155+00.00 TO STA. 156+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	300
CONTRACT NO. 70844			ILLINOIS FED. AID PROJECT	