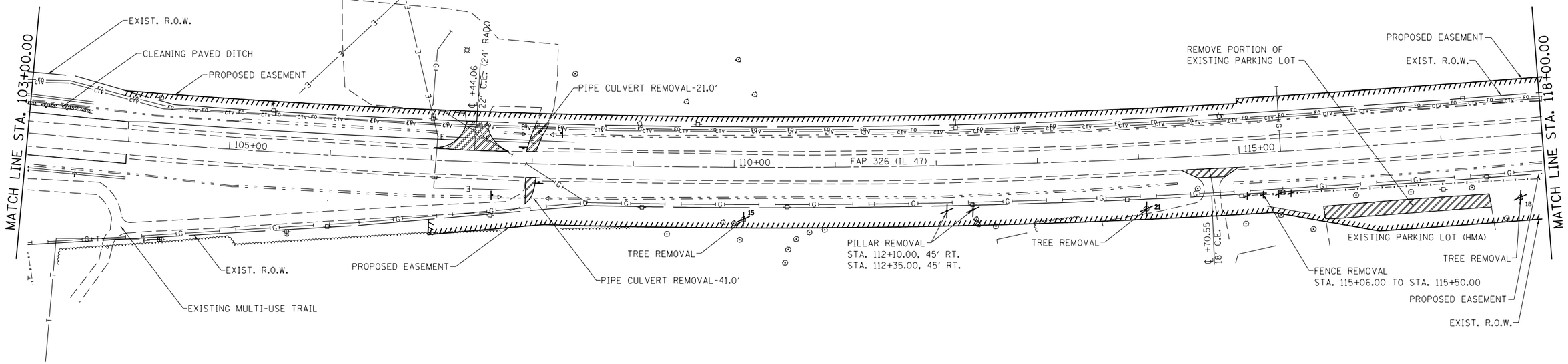
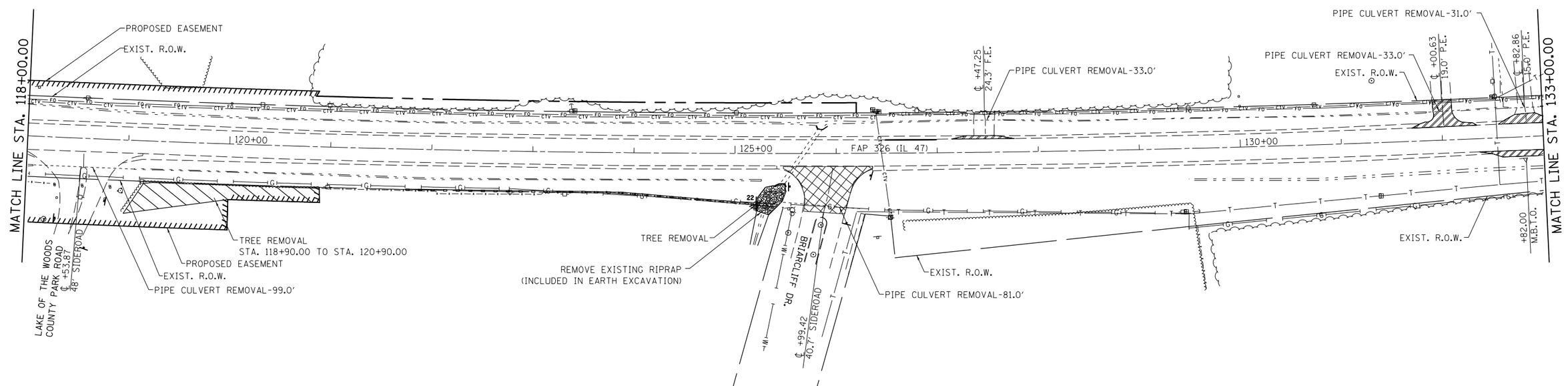
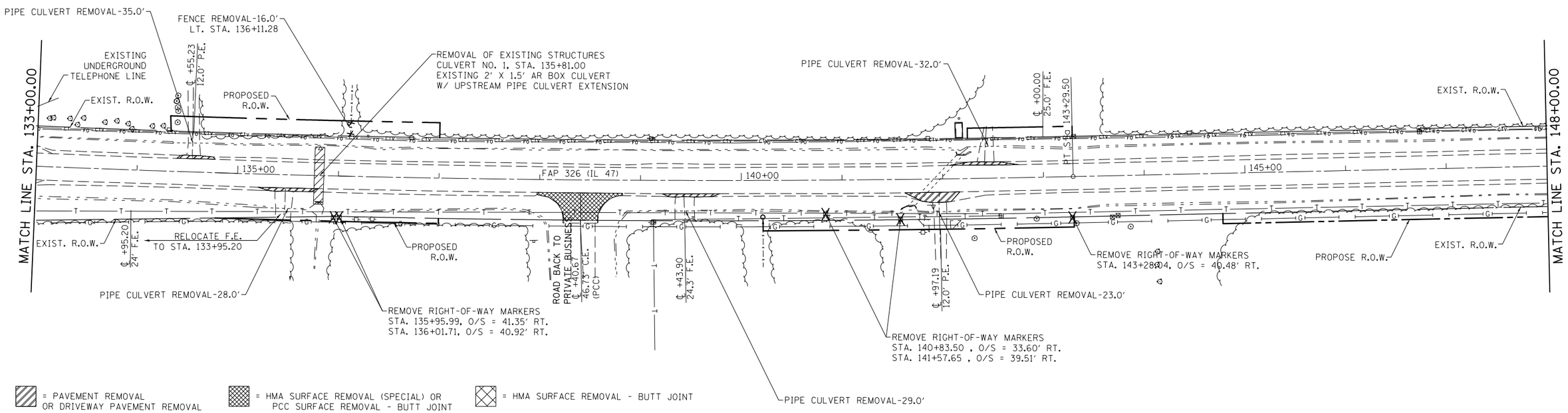


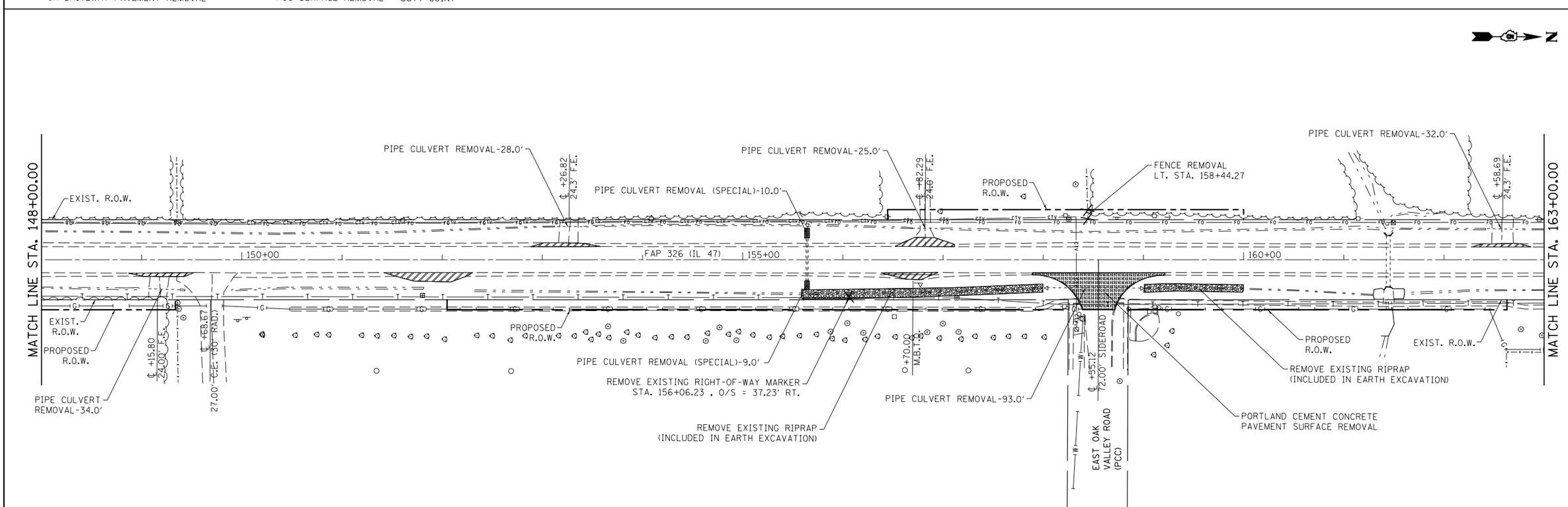
= PAVEMENT REMOVAL
OR DRIVEWAY PAVEMENT REMOVAL

= HMA SURFACE REMOVAL - BUTT JOINT



FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-Removal Details_50.dgn	USER NAME = cearlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAIL F.A.P. 326 (IL 47)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	101
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 70844		
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: 1"=50'	SHEET 02 OF 16 SHEETS	STA. 103+00.00 TO STA. 133+00.00		ILLINOIS FED. AID PROJECT			





FILE NAME =	USER NAME = cearlockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-Removal Details_50.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

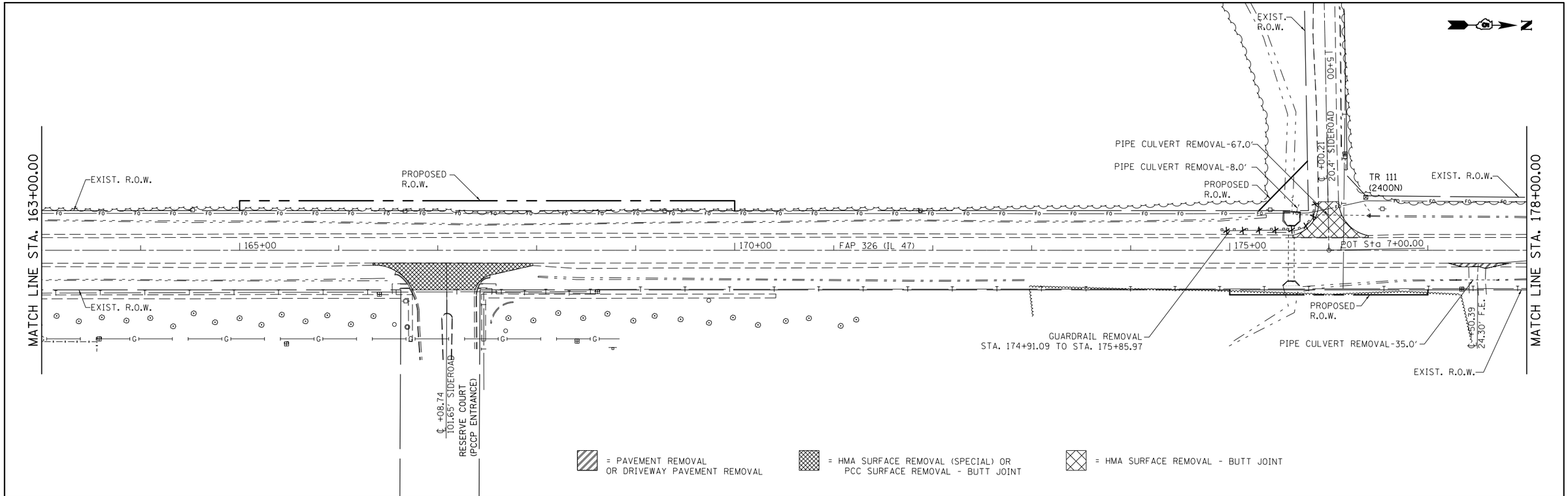
REMOVAL DETAIL
F.A.P. 326 (IL 47)

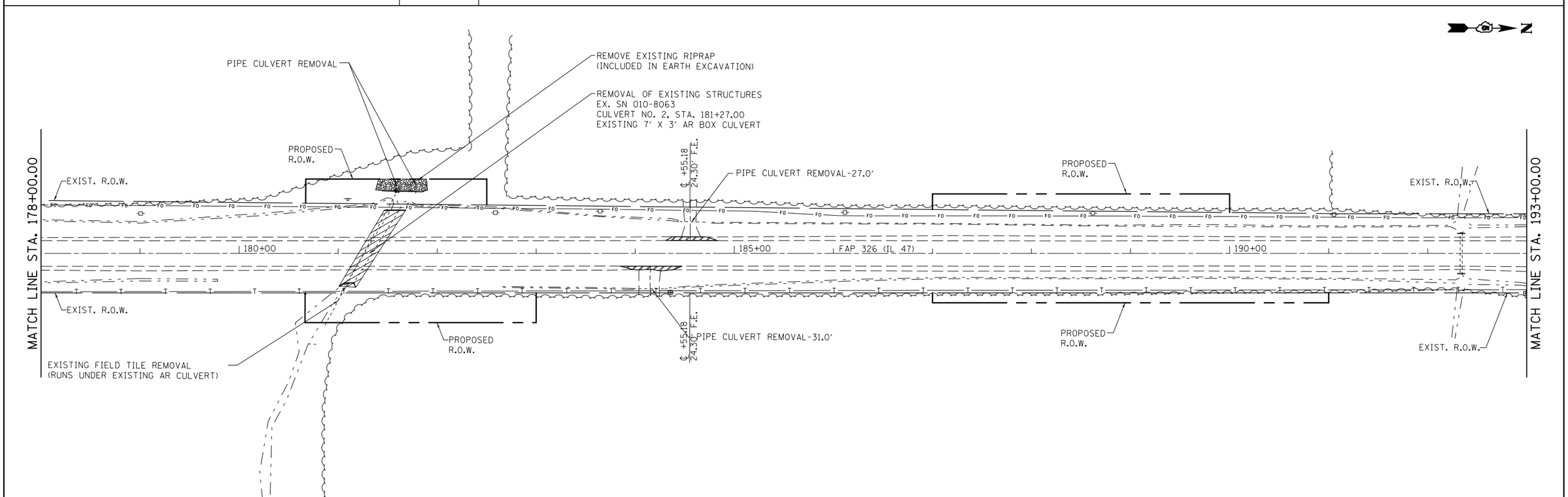
SCALE: 1"=50' | SHEET 03 OF 16 SHEETS | STA. 133+00.00 TO STA. 163+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	102

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT





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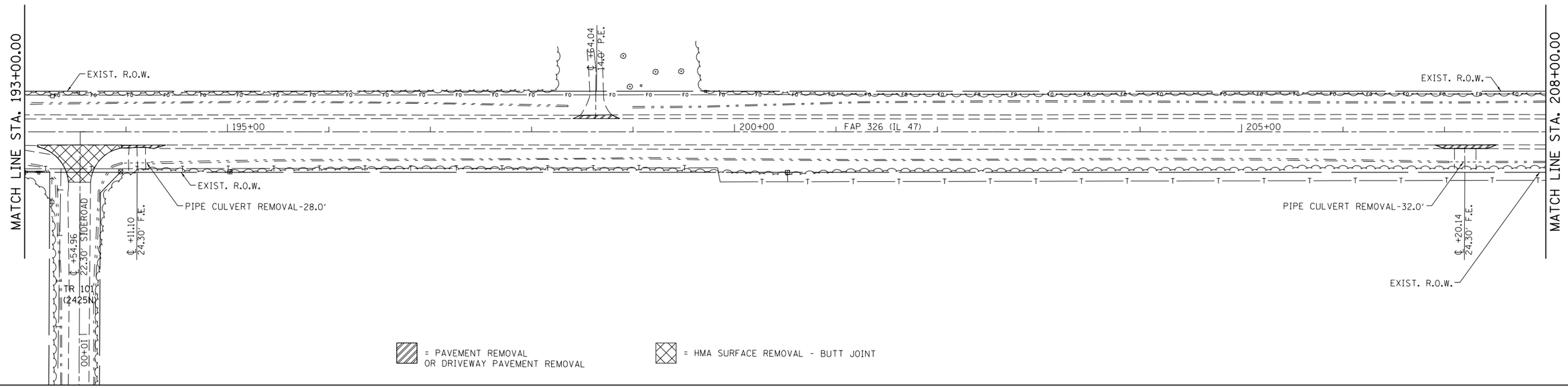
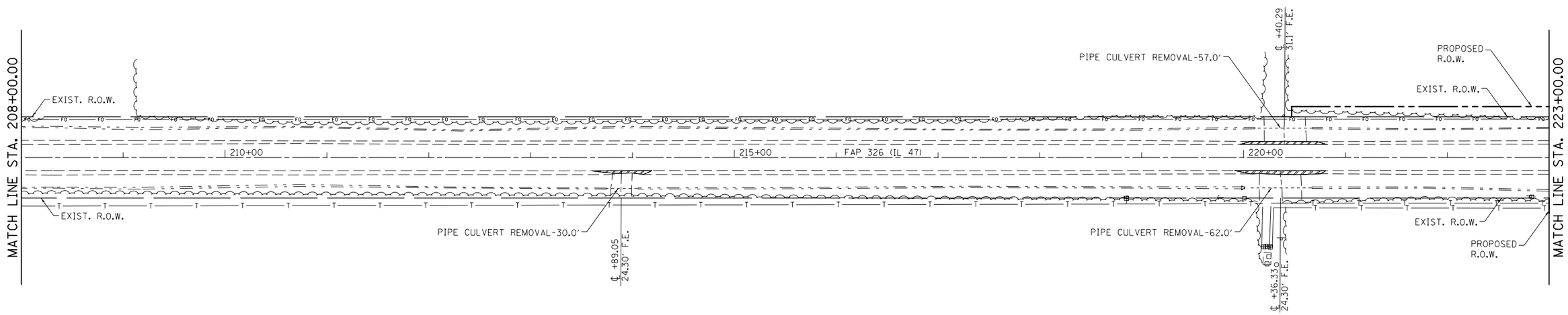
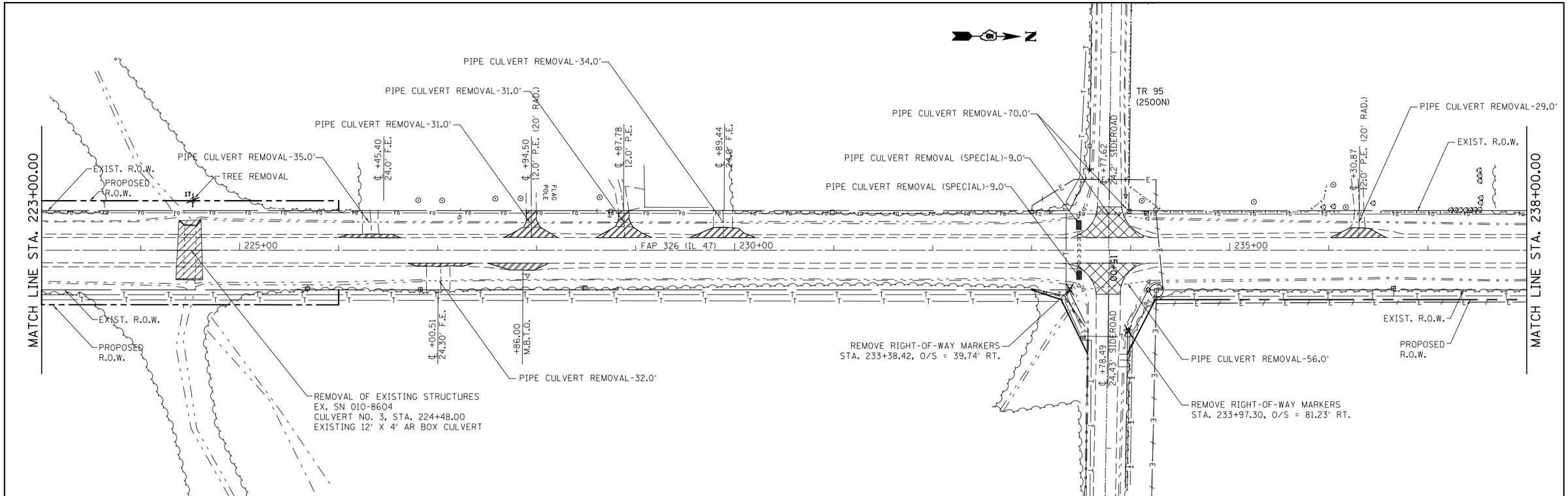
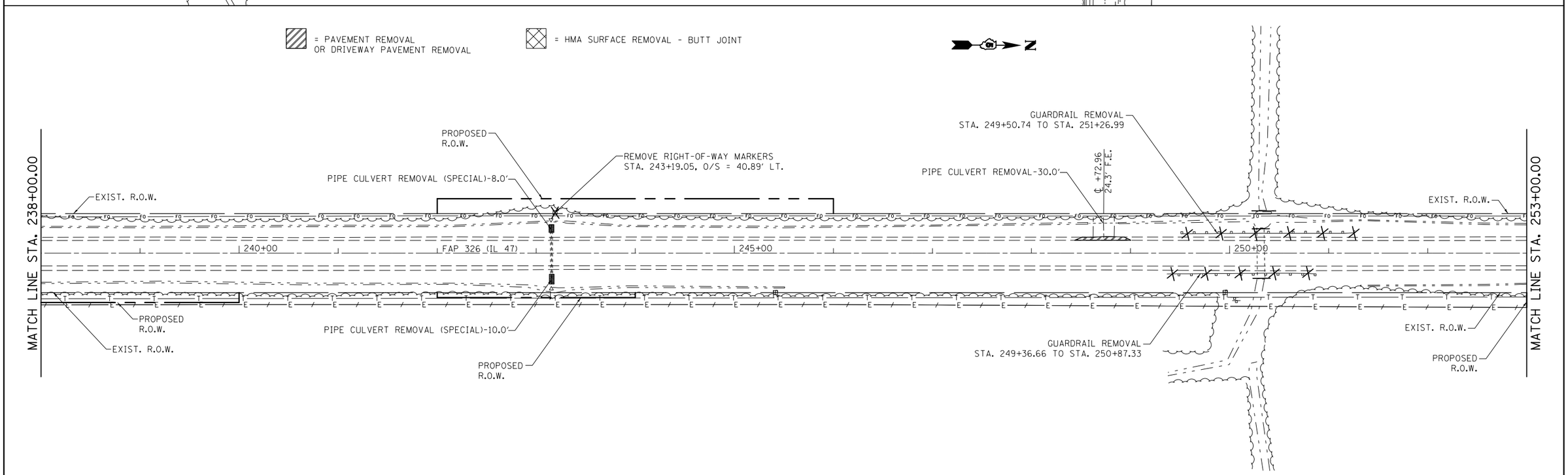
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474 / 103
	PLOT DATE = 10/10/2014	CHECKED -	REVISED -					CONTRACT NO. 70844	
$MODELNAME$		DATE -	REVISED -		SCALE: 1"=50' / SHEET 04 OF 16 SHEETS / STA. 163+00.00 TO STA. 193+00.00		ILLINOIS FED. AID PROJECT		





FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-Removal Details_50.dgn	USER NAME = cearlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAIL F.A.P. 326 (IL 47)	F.A.P. RTE. 326	SECTION 136RS-3, CR & (10-4)RS-1	COUNTY CHAMPAIGN	TOTAL SHEETS 474 / SHEET NO. 104
		DRAWN -	REVISED -					CONTRACT NO. 70844	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -						
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: 1"=50' SHEET 05 OF 16 SHEETS STA. 193+00.00 TO STA. 223+00.00		ILLINOIS FED. AID PROJECT		





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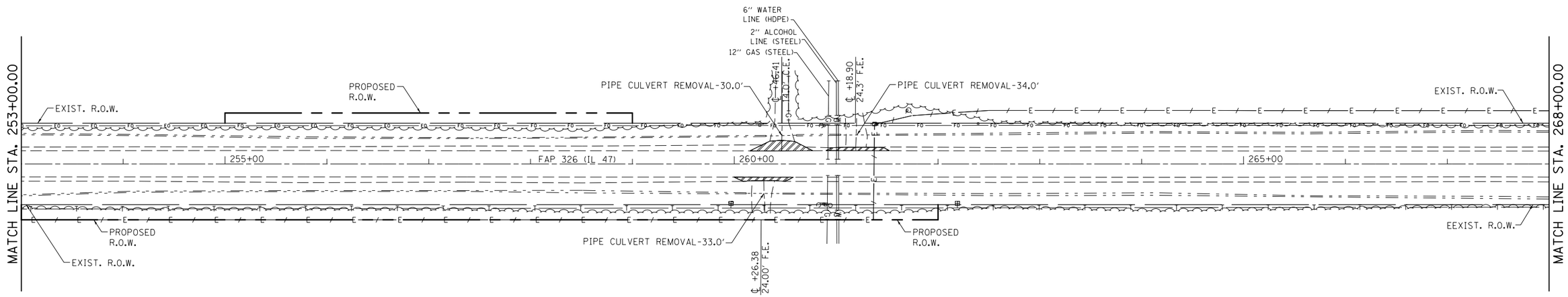
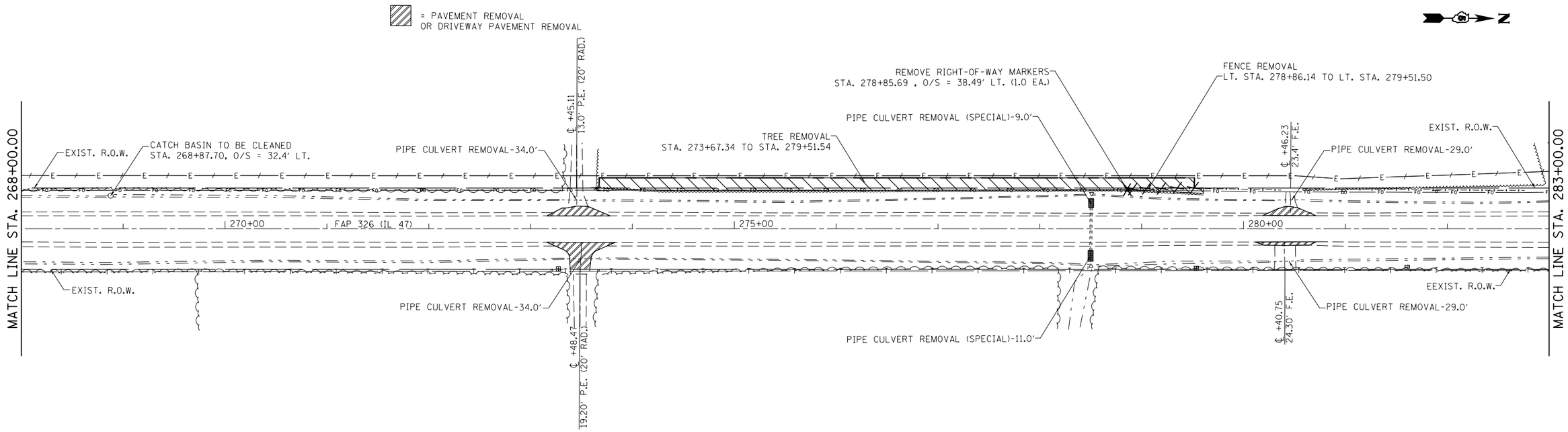
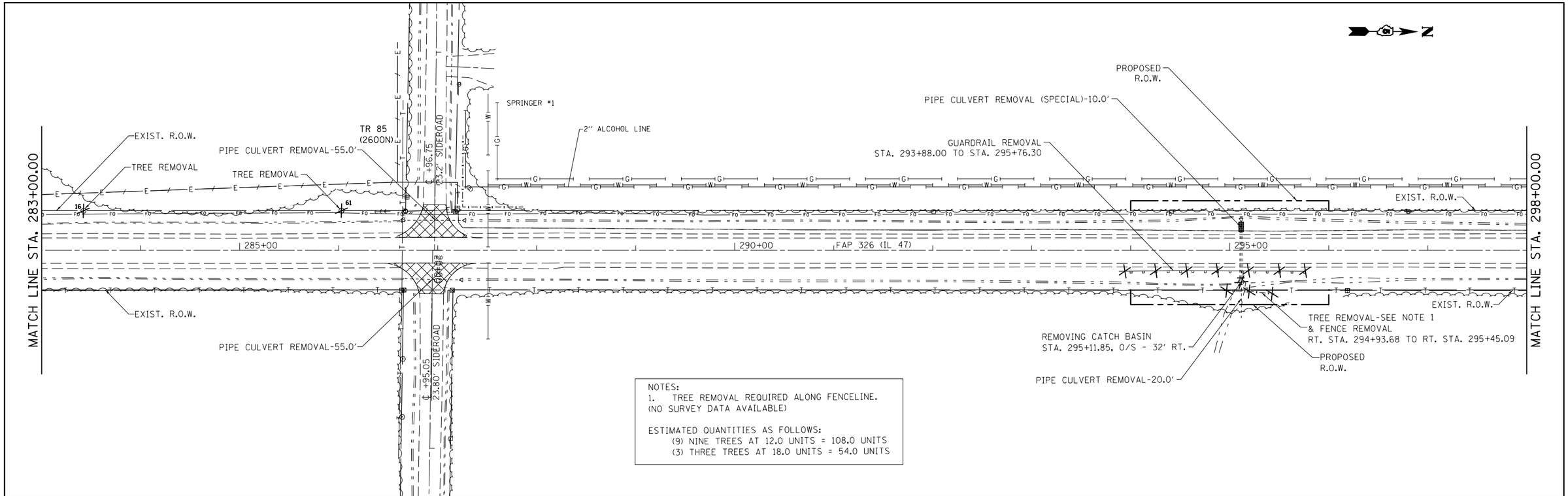
		DRAWN -	REVISED -					326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474 / 105
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 70844	
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: 1"=50'	SHEET 06 OF 16 SHEETS	STA. 223+00.00 TO STA. 253+00.00			ILLINOIS FED. AID PROJECT	





FILE NAME =	USER NAME = cearlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAIL F.A.P. 326 (IL 47)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-Removal Details_50.dgn		DRAWN -	REVISED -					326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	106
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 70844		
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: 1"=50'	SHEET 07 OF 16 SHEETS	STA. 253+00.00 TO STA. 283+00.00		ILLINOIS	FED. AID PROJECT		



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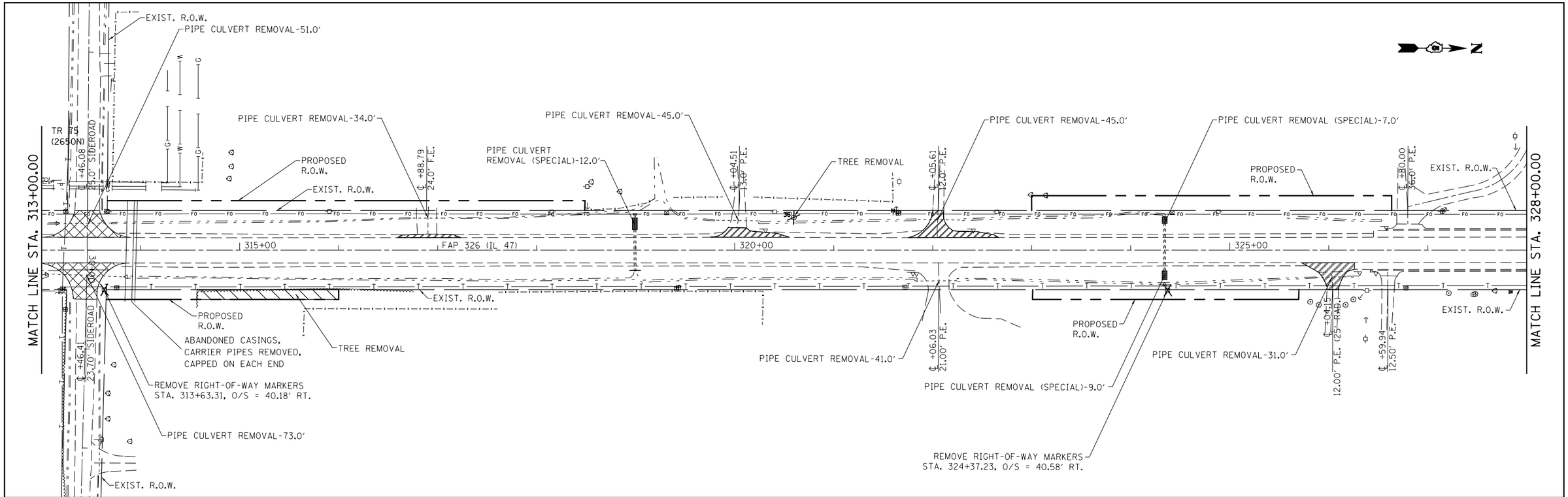
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474 / 107
	PLOT DATE = 10/10/2014	CHECKED -	REVISED -			CONTRACT NO. 70844			
$MODELNAME$		DATE -	REVISED -		SCALE: 1"=50' SHEET 08 OF 16 SHEETS STA. 283+00.00 TO STA. 313+00.00	ILLINOIS FED. AID PROJECT			



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	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
$MODELNAME$	PLOT DATE = 10/10/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

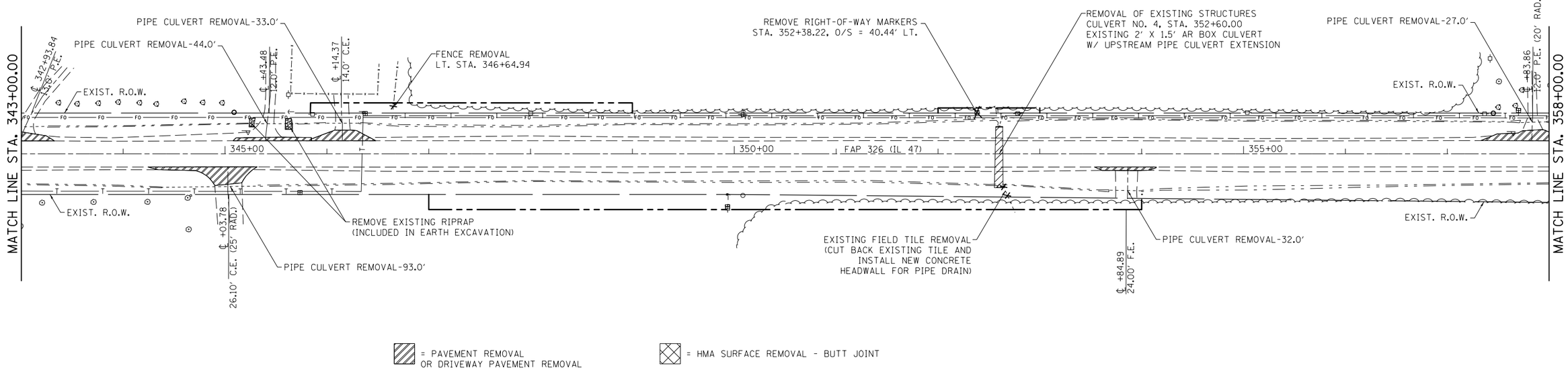
REMOVAL DETAIL
F.A.P. 326 (IL 47)

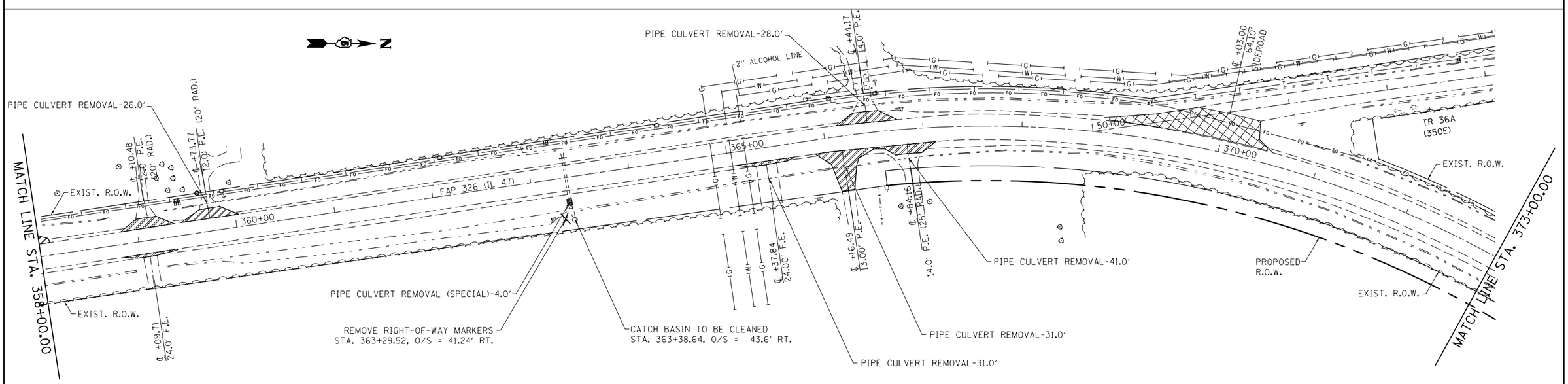
SCALE: 1"=50' | SHEET 09 OF 16 SHEETS | STA. 313+00.00 TO STA. 343+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	108

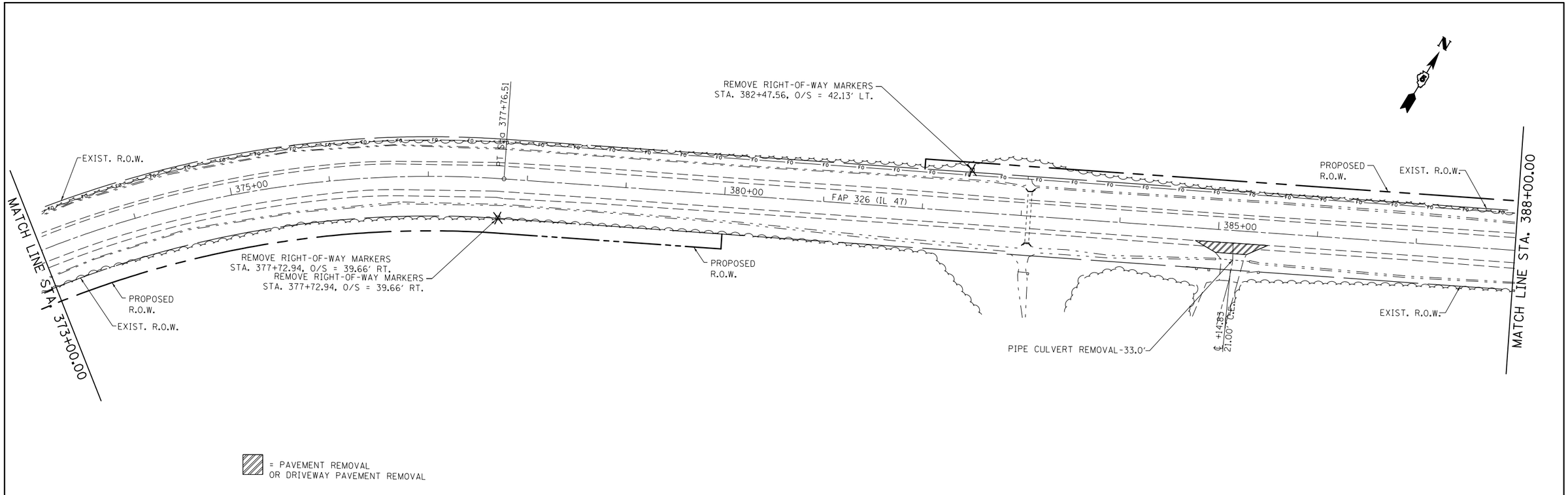
CONTRACT NO. 70844

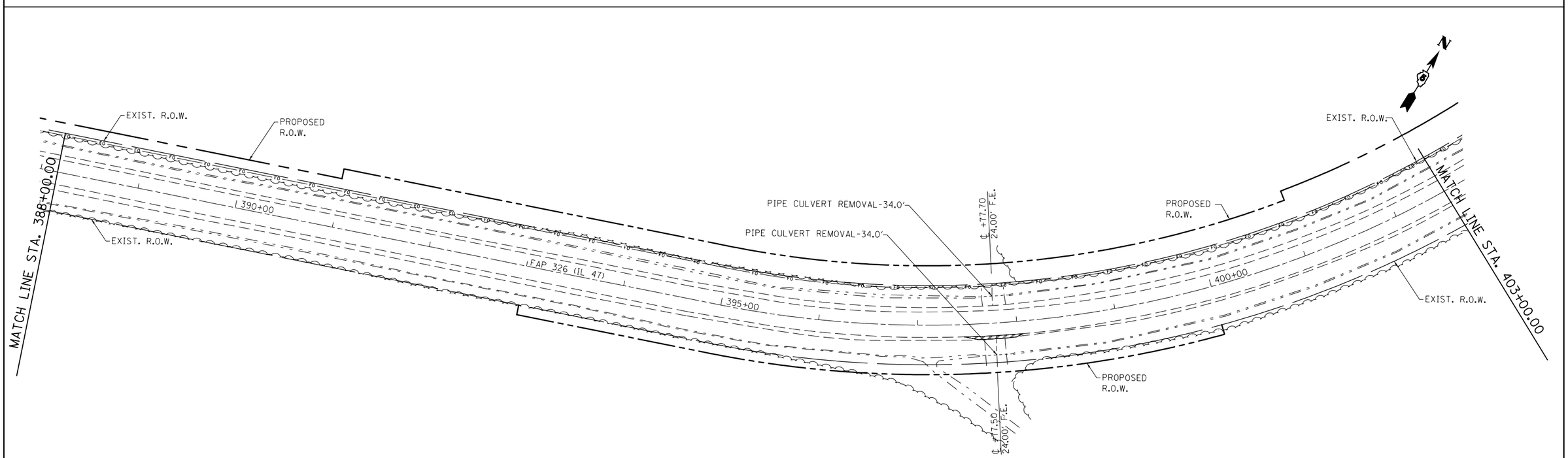
ILLINOIS FED. AID PROJECT



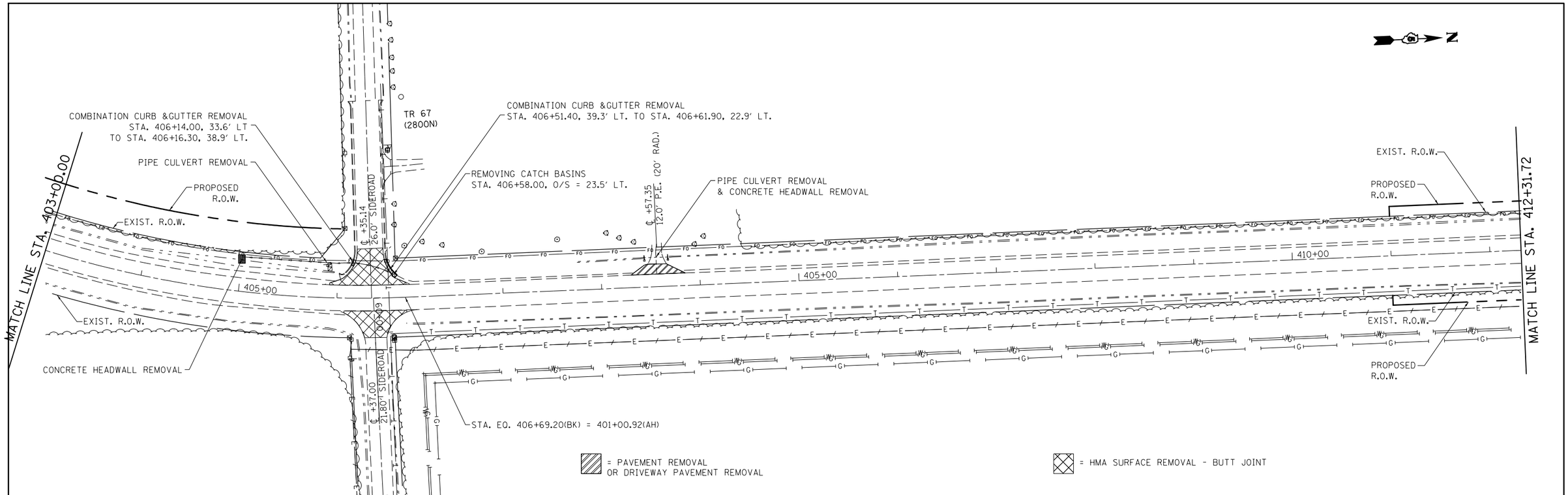


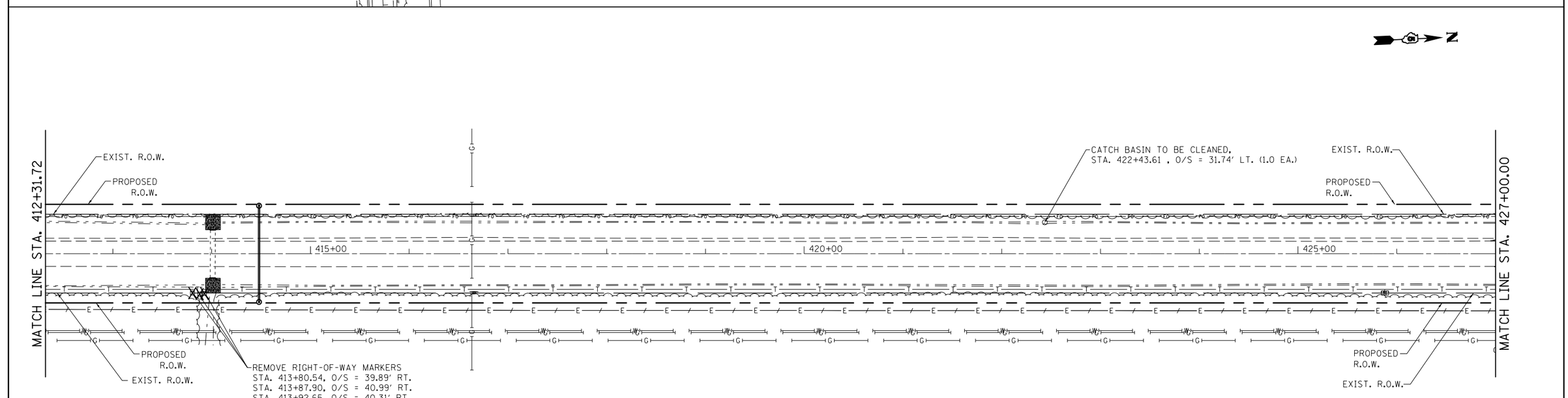
FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-Removal Details_50.dgn	USER NAME = cearlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAIL F.A.P. 326 (IL 47)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	109
	PLOT DATE = 10/10/2014	CHECKED -	REVISED -			CONTRACT NO. 70844				
$MODELNAME$		DATE -	REVISED -		SCALE: 1"=50' SHEET 10 OF 16 SHEETS STA. 343+00.00 TO STA. 373+00.00	ILLINOIS FED. AID PROJECT				





FILE NAME =	USER NAME = cearlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAIL F.A.P. 326 (IL 47)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-Removal Details_50.dgn		DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474 / 110
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 70844	
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: 1"=50' SHEET 11 OF 16 SHEETS STA. 373+00.00 TO STA. 403+00.00			ILLINOIS FED. AID PROJECT	





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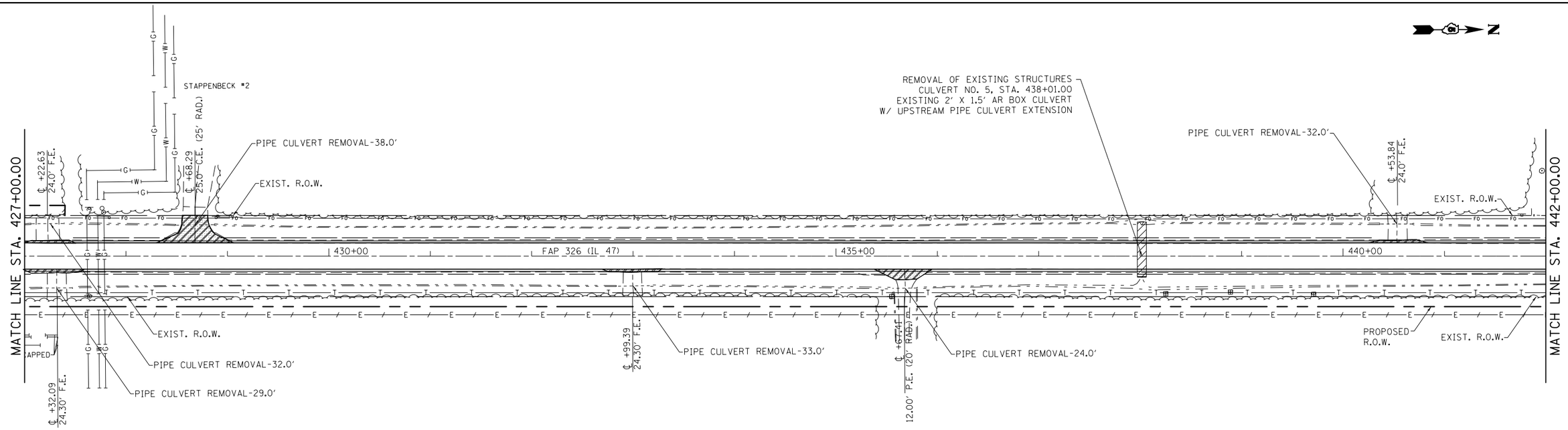
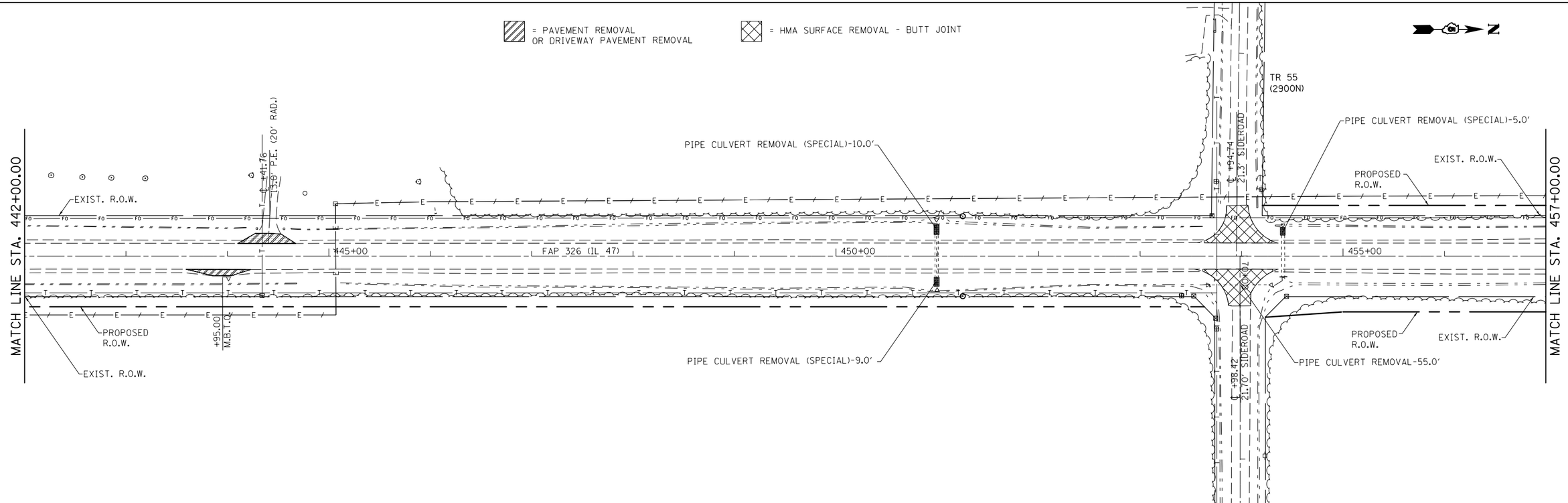
		DRAWN -	REVISED -					326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474 / 111
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 70844	
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: 1"=50'	SHEET 12 OF 16 SHEETS	STA. 403+00.00 TO STA. 427+00.00		ILLINOIS FED. AID PROJECT		





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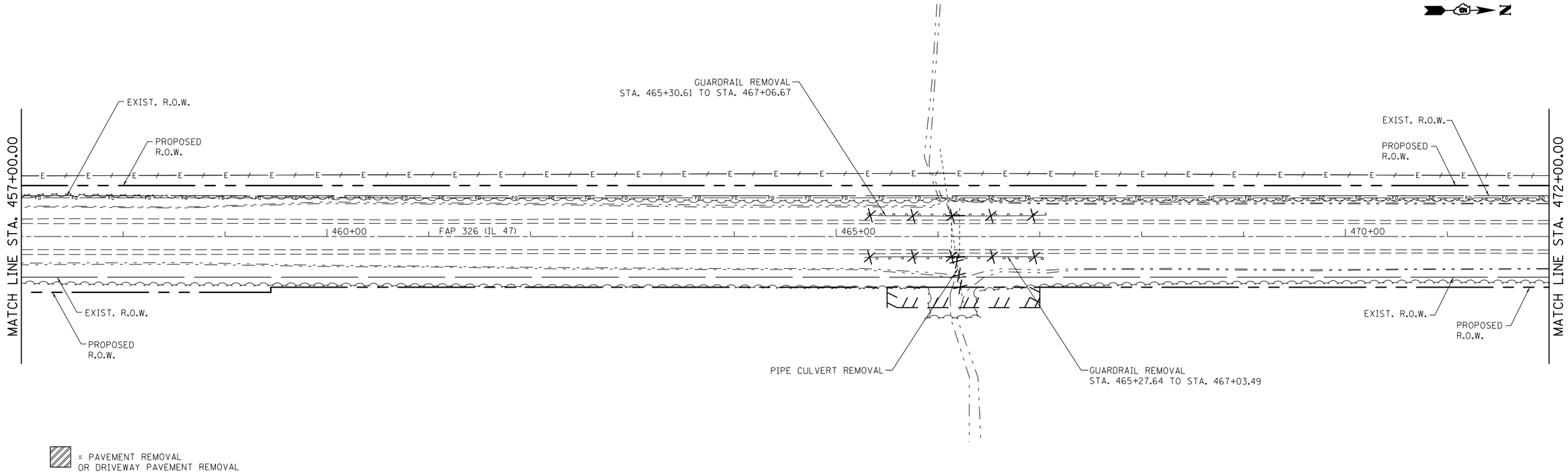
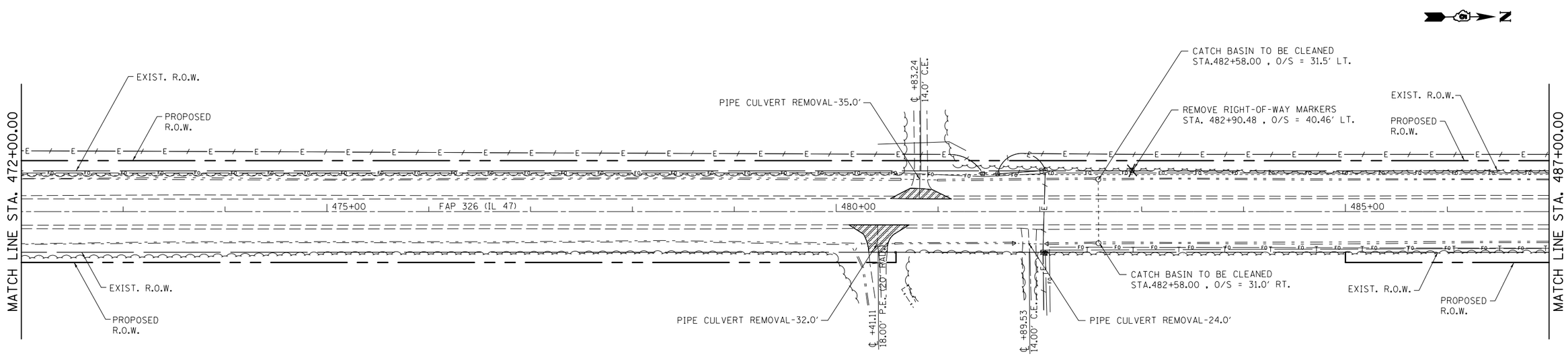
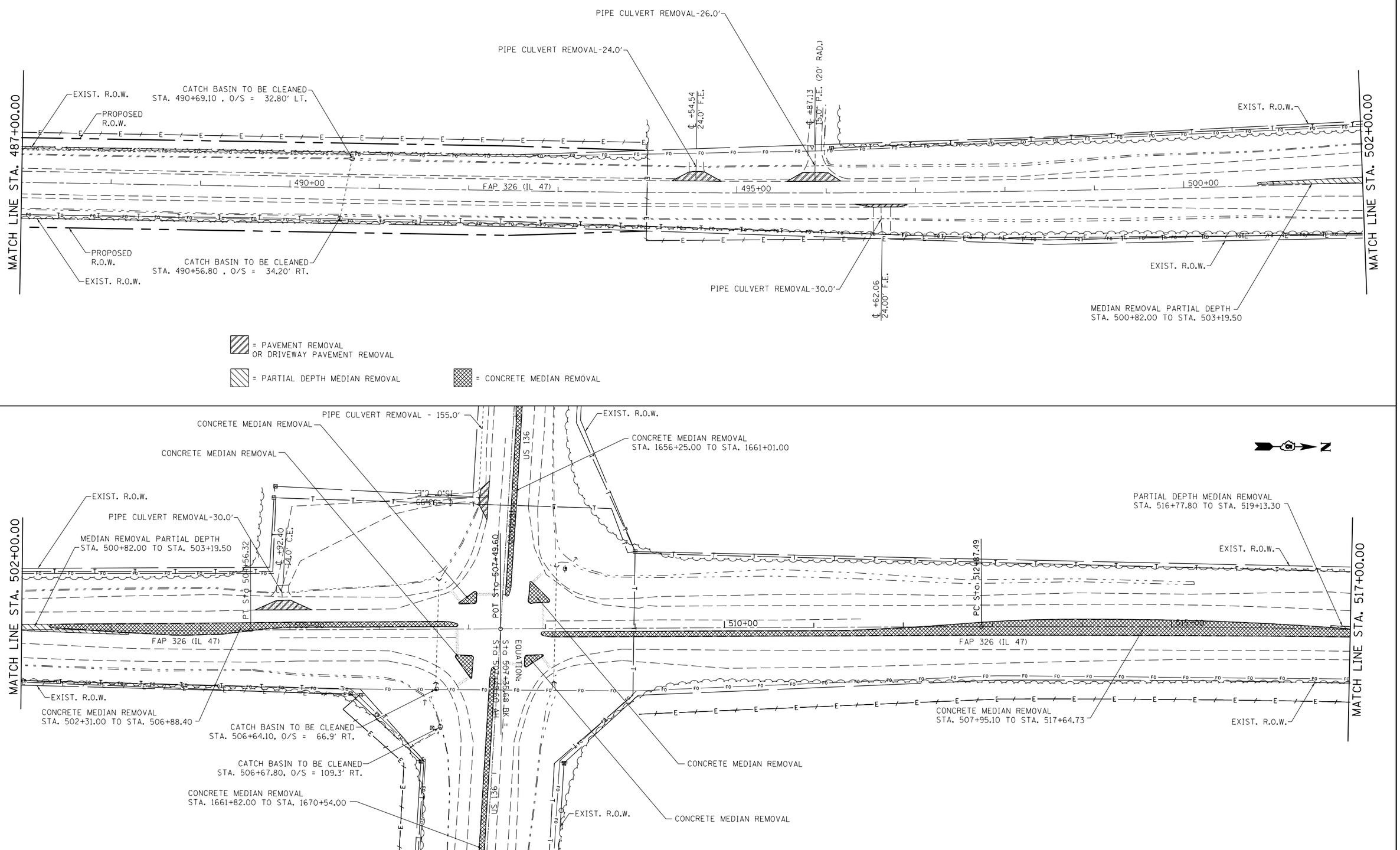
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	112
	PLOT DATE = 10/10/2014	CHECKED -	REVISED -			CONTRACT NO. 70844				
$MODELNAME$		DATE -	REVISED -		SCALE: 1"=50' SHEET 13 OF 16 SHEETS STA. 427+00.00 TO STA. 457+00.00	ILLINOIS FED. AID PROJECT				





FILE NAME =	USER NAME = cearlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAIL F.A.P. 326 (IL 47)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-Removal Details_50.dgn		DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	113
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 70844		
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: 1"=50' SHEET 14 OF 16 SHEETS STA. 457+00.00 TO STA. 487+00.00			ILLINOIS FED. AID PROJECT		



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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

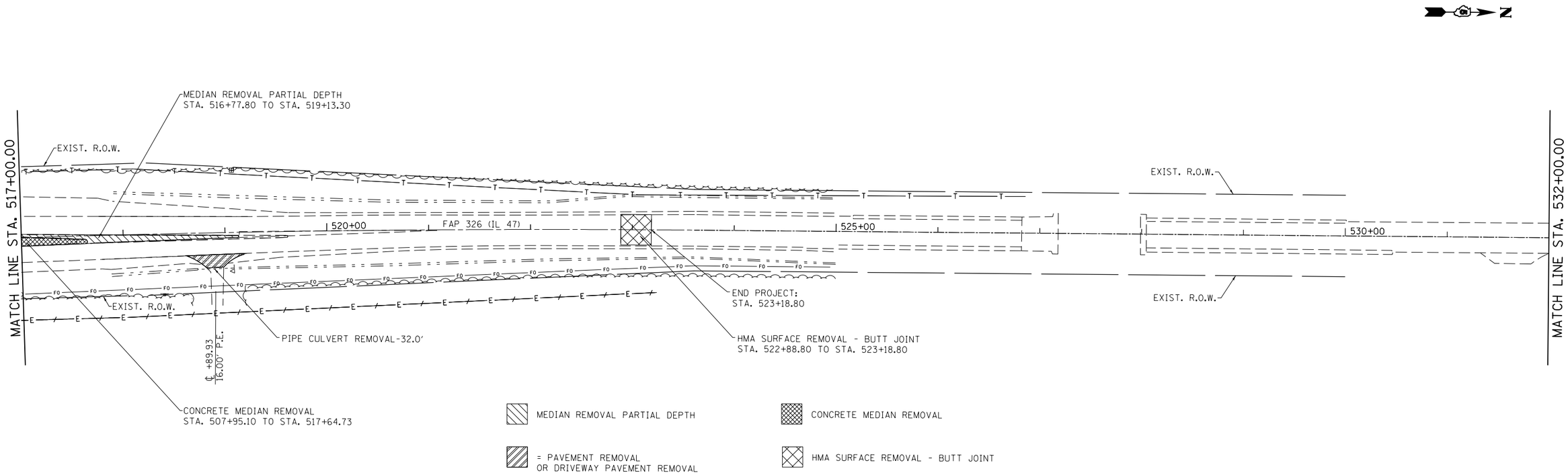
REMOVAL DETAIL
F.A.P. 326 (IL 47)

SCALE: 1"=50' | SHEET 15 OF 16 SHEETS | STA. 487+00.00 TO STA. 517+00.00

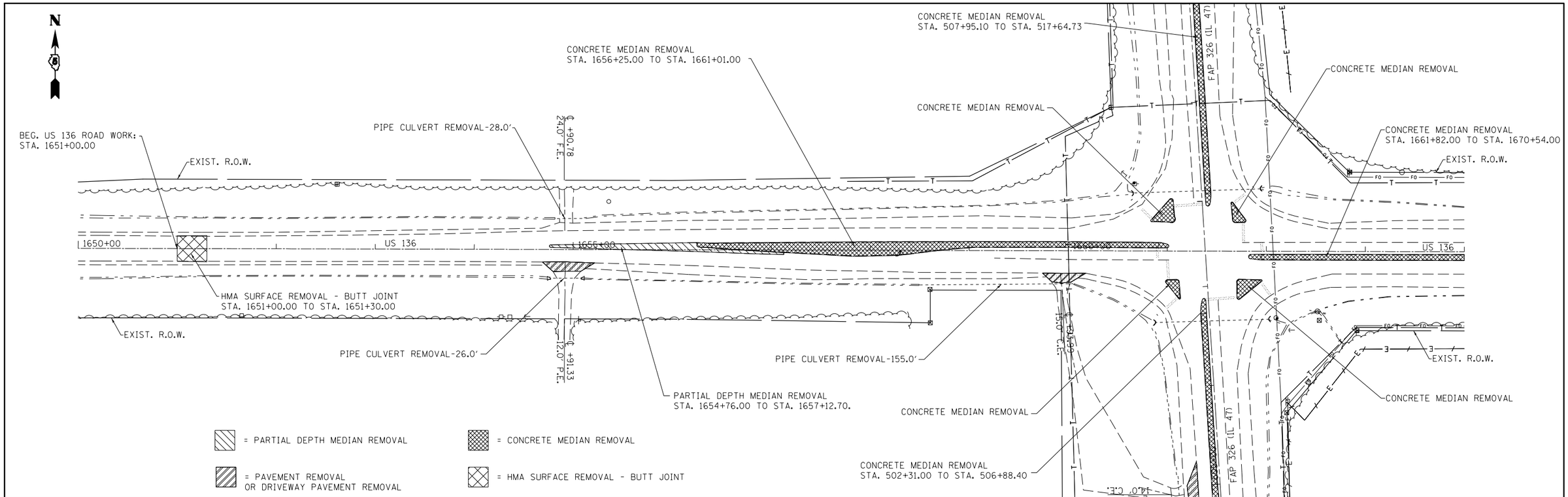
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	114

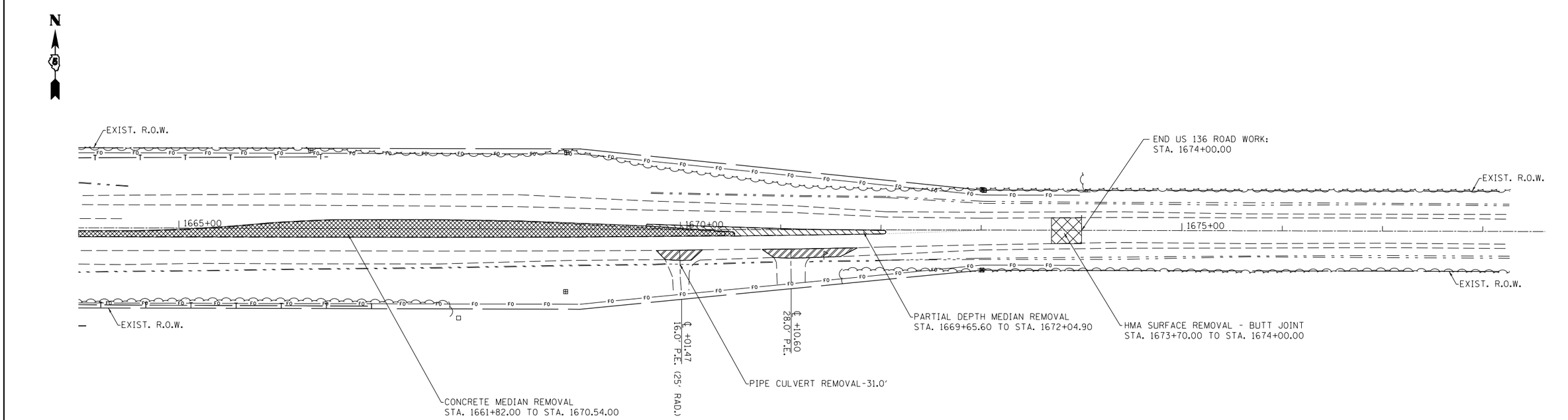
CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



FILE NAME =	USER NAME = cearlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS	REMOVAL DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-Removal Details_50.dgn		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	F.A.P. 326 (IL 47)	326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	115
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 70844		
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: 1"=50' SHEET 16 OF 16 SHEETS STA. 517+00.00 TO STA. 532+00.00		ILLINOIS FED. AID PROJECT			





FILE NAME =	USER NAME = cearlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAILS US 136	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-Removal Details_50.dgn		DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	116
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 70844		
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: 1"=50' SHEET 01 OF 01 SHEETS STA.1650+00.00 TO STA.1678+00.00		ILLINOIS	FED. AID PROJECT		

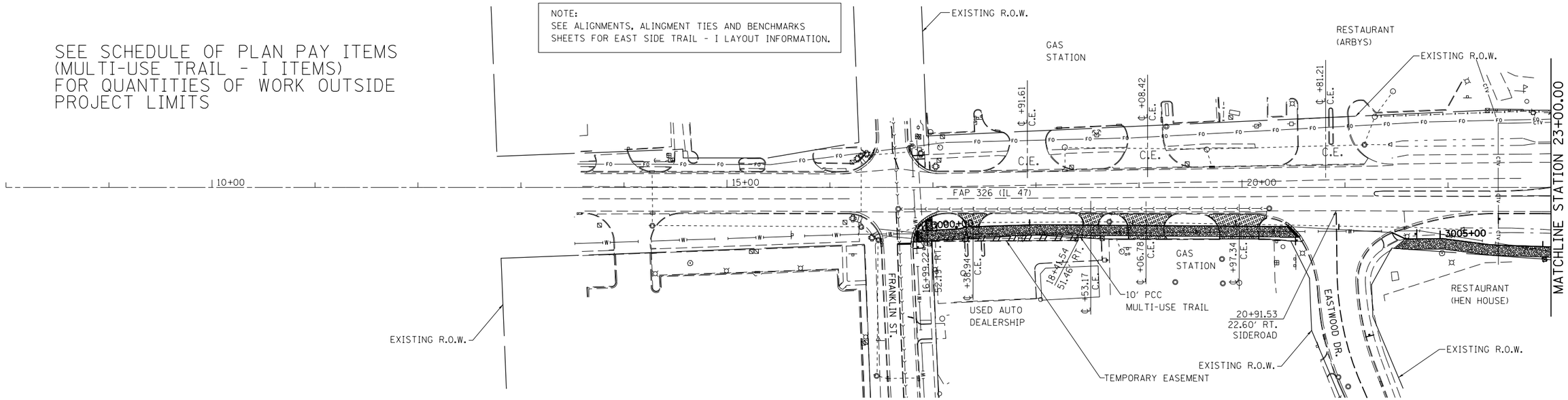
SEC. 15, T. 20N, R. 7E OF 3RD P.M.

= PCC DRIVEWAY PAVMENT

N

NOTE:
SEE ALIGNMENTS, ALINGMENT TIES AND BENCHMARKS SHEETS FOR EAST SIDE TRAIL - I LAYOUT INFORMATION.

SEE SCHEDULE OF PLAN PAY ITEMS (MULTI-USE TRAIL - I ITEMS) FOR QUANTITIES OF WORK OUTSIDE PROJECT LIMITS



SEC. 15, T. 20N, R. 7E OF 3RD P.M.

NO PROPOSED ROADWAY WORK IN THIS AREA.
(SEE PROPOSED TRAIL - I
PLAN AND PROFILE SHEETS FOR TRAIL DATA)

PLAN		BY	DATE
	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
NOTE BOOK	RT. OF WAY CHECKED		
NO.	CADD FILE NAME		

PROFILE		BY	DATE
	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
NOTE BOOK	BM. NOTED		
NO.	STRUCTURE NOTATNS CHKD		

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		DRAWN - MLB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

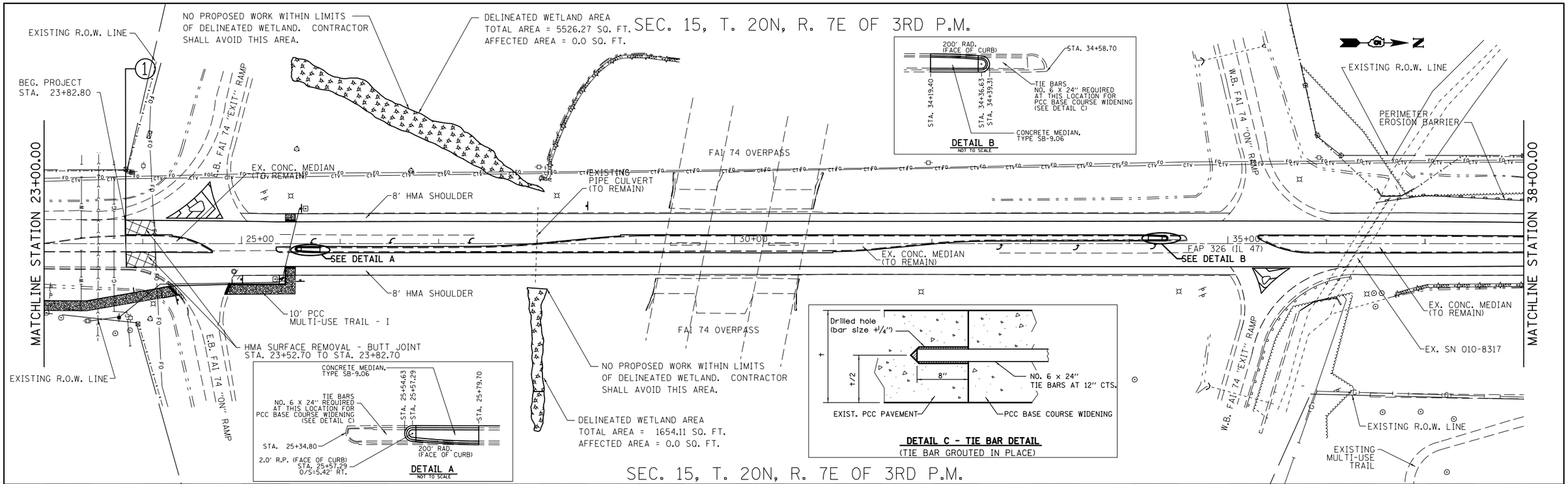
PLAN & PROFILE SHEET
IL 47

SCALE: 1"=50' | SHEET NO. 1 OF 32 SHEETS | STA. 08+00.00 TO STA. 23+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	117

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



INLAY HMA IN THIS AREA
PROPOSED IL 47 PROFILE TO MATCH EXISTING PROFILE.

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTAT'NS CHKD / NOTE BOOK NO. / BY / DATE

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET
IL 47

SCALE: 1"=50' | SHEET NO. 2 OF 32 SHEETS | STA. 23+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	118

CONTRACT NO. 70844

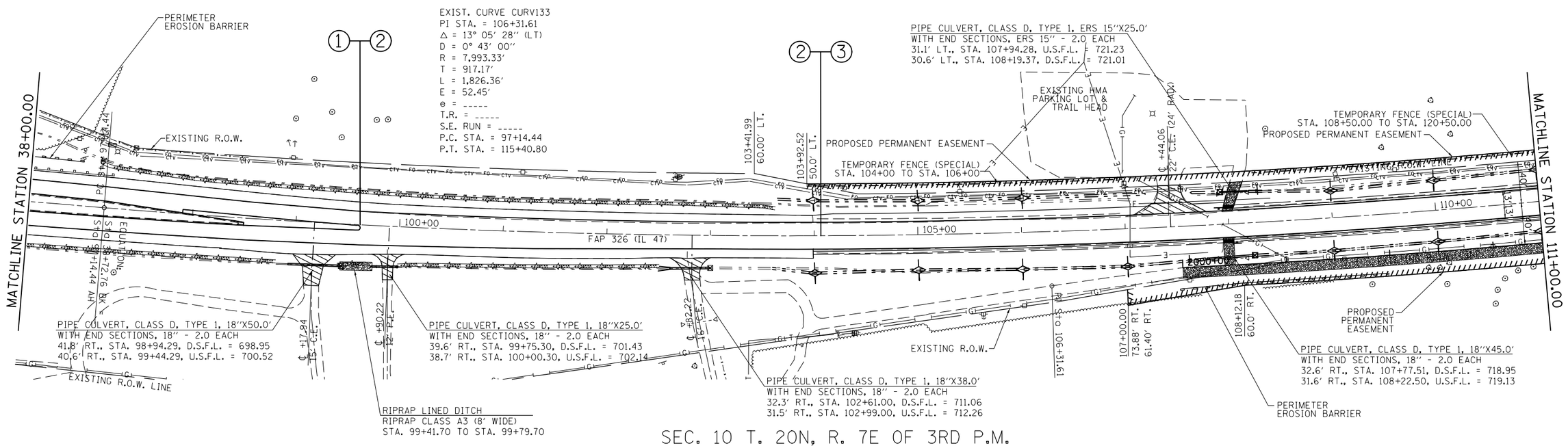
ILLINOIS FED. AID PROJECT

= TEMPORARY DITCH CHECK

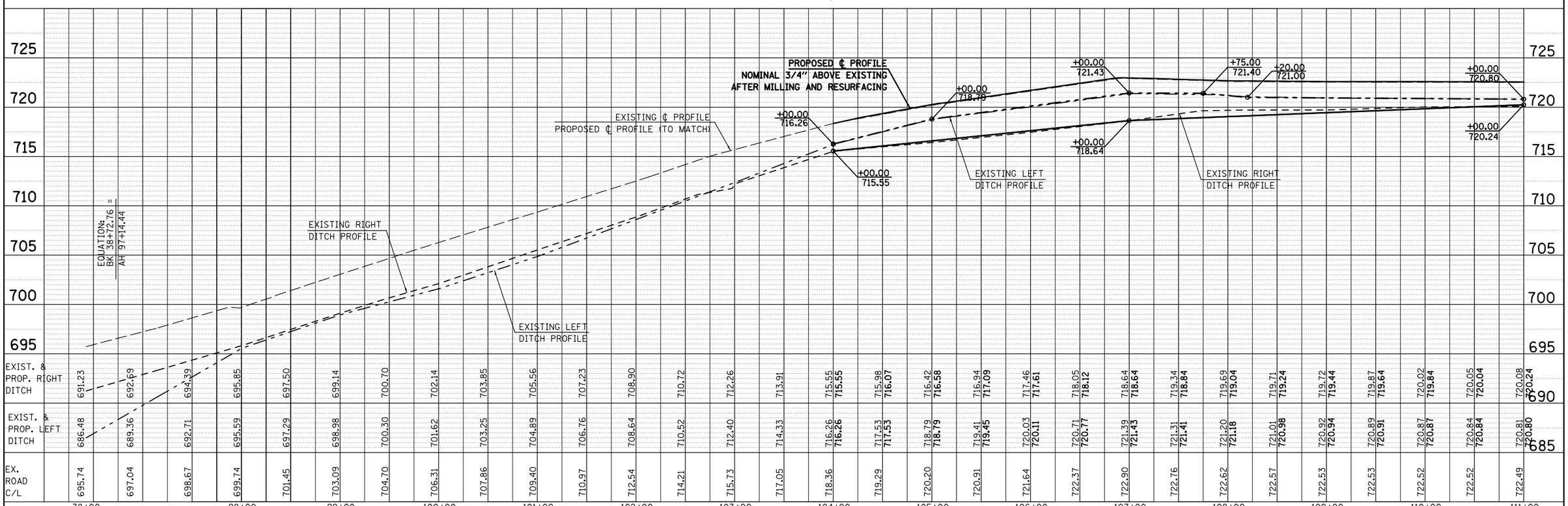
= TEMPORARY INLET AND PIPE PROTECTION

= INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC. 10, T. 20N, R. 7E OF 3RD P.M.



SEC. 10 T. 20N, R. 7E OF 3RD P.M.



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET
IL 47

SCALE: 1″=50′ | SHEET NO. 3 OF 32 SHEETS | STA. 38+00.00 TO STA. 111+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	119
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTAT'NS CHKD / NOTE BOOK NO. / BY / DATE

EXIST. CURVE CURV133
PI STA. = 106+31.61
Δ = 13° 05′ 28″ (LT)
D = 0° 43′ 00″
R = 7,993.33′
T = 917.17′
L = 1,826.36′
E = 52.45′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 97+14.44
P.T. STA. = 115+40.80

SEC. 10 T. 20N, R. 7E OF 3RD P.M.

= TEMPORARY DITCH CHECK

= TEMPORARY INLET AND PIPE PROTECTION

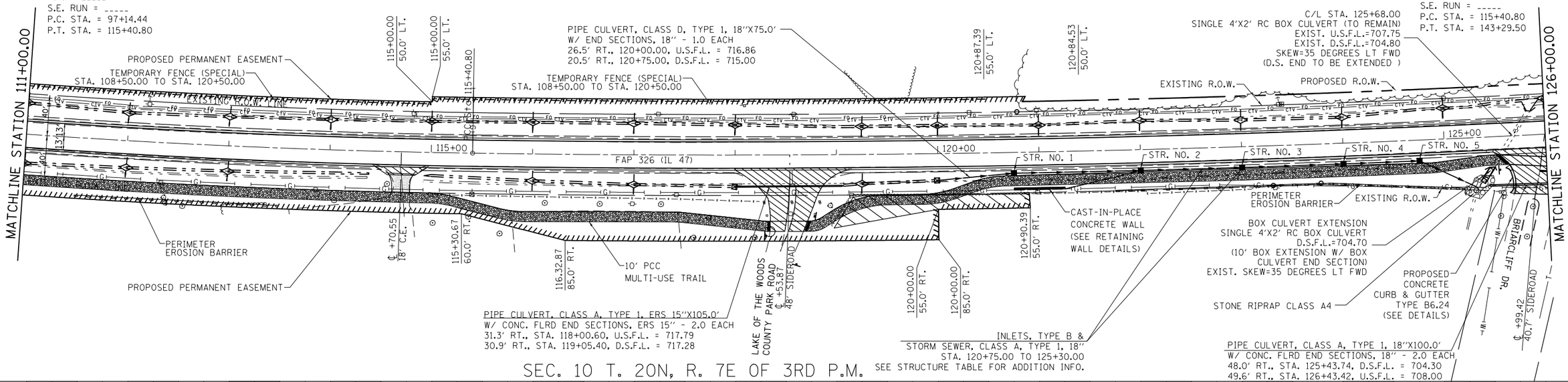
= INCIDENTAL HOT-MIX ASPHALT SURFACING

= AGGREGATE SURFACE COURSE, TYPE B

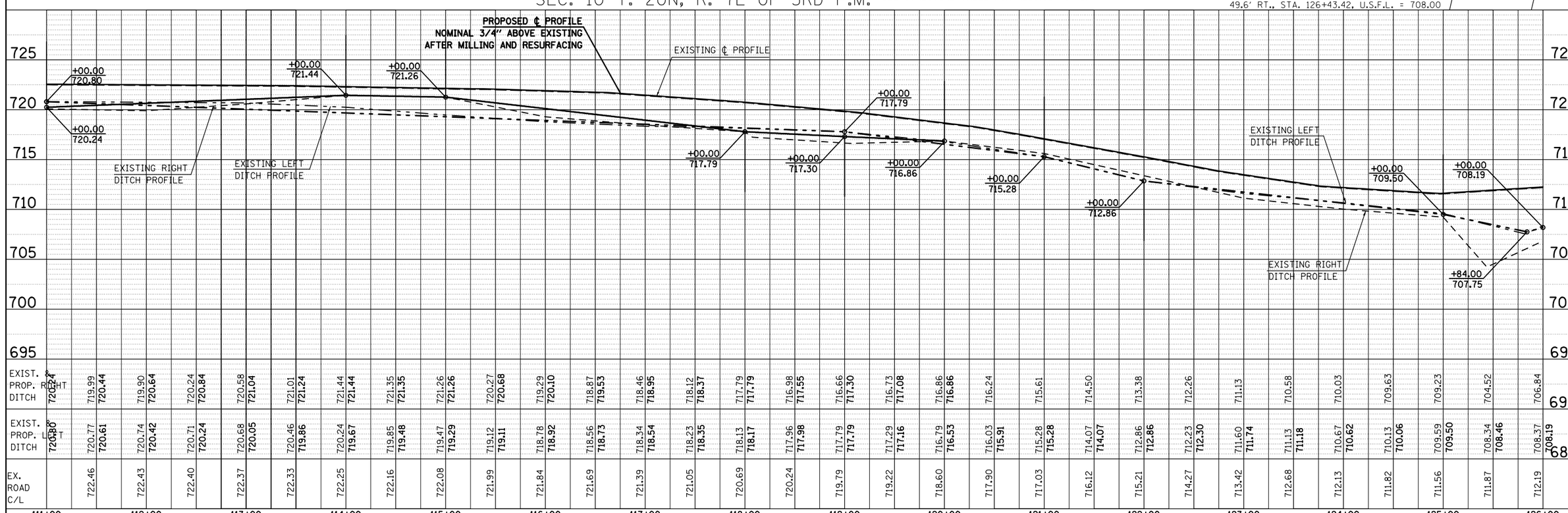
STRUCTURE TABLE						
STR. NO.	DESCRIPTION	STATION	O/S	RIM ELEVATION	INVERT IN	INVERT OUT
1	INLET, TYPE B	120+75.00	20.5′ RT.	717.05	715.00	713.81
2	INLET, TYPE B	122+00.00	20.5′ RT.	714.80	711.20	711.14
3	INLET, TYPE B	123+00.00	20.5′ RT.	713.00	709.09	709.03
4	INLET, TYPE B	124+00.00	20.5′ RT.	711.71	706.98	706.92
5	INLET, TYPE B	124+75.00	20.5′ RT.	711.25	706.45	706.39

NOTE: SEE SCHEDULE OF QUANTITY SHEETS FOR STORM SEWER SIZES AND LENGTHS.

EXIST. CURVE CURV113
PI STA. = 129+38.64
Δ = 9° 55′ 12″ (LT)
D = 0° 21′ 21″
R = 16,106.90′
T = 1,397.85′
L = 2,788.70′
E = 60.54′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 115+40.80
P.T. STA. = 143+29.50



SEC. 10 T. 20N, R. 7E OF 3RD P.M.



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	PLOT SCALE = 100.0000 ′/ in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET
IL 47

SCALE: 1″=50′ | SHEET NO. 4 OF 32 SHEETS | STA. 111+00.00 TO STA. 126+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	120

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTAT'NS CHKD / NOTE BOOK NO. / BY / DATE

EXIST. CURVE CURV113
PI STA. = 129+38.64
Δ = 9° 55′ 12″ (LT)
D = 0° 21′ 21″
R = 16,106.90′
T = 1,397.85′
L = 2,788.70′
E = 60.54′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 115+40.80
P.T. STA. = 143+29.50

SEC. 10, T. 20N, R. 7E OF 3RD P.M.

= INCIDENTAL HOT-MIX ASPHALT SURFACING
= AGGREGATE SURFACE COURSE, TYPE B
= TEMPORARY DITCH CHECK
= TEMPORARY INLET AND PIPE PROTECTION

N

PIPE CULVERT, CLASS D, TYPE 1, 15″X40.0′
WITH END SECTIONS, 15″ - 2.0 EACH
30.0′ LT., STA. 132+62.86, D.S.F.L. = 720.70
30.0′ LT., STA. 133+02.86, U.S.F.L. = 721.10

PIPE CULVERT, CLASS D, TYPE 1, 15″X40.0′
WITH END SECTIONS, 15″ - 2.0 EACH
30.0′ LT., STA. 131+80.63, D.S.F.L. = 719.61
30.0′ LT., STA. 132+20.63, U.S.F.L. = 720.01

STONE RIPRAP CLASS A3

EX SINGLE 2′X1.5′ RC BOX CULVERT
C/L STA. 135+81.00
NO SKEW

SPBGR (SEE GUARDRAIL DETAILS)

MATCHLINE STATION 126+00.00

MATCHLINE STATION 141+00.00

EXISTING R.O.W.

PROPOSED R.O.W.

FAP 326 (IL 47)

126+20.00 50.0′ LT. 40.0′ LT.
℄ +47.25 24.3′ F.E.
℄ +00.63 19.0′ P.E.
℄ +82.86 15.0′ P.E.
134+31.72 55.0′ LT. ℄ +55.23 12.0′ P.E.
137+00.00 55.0′ LT.
126+57.60 103.38′ RT.
126+53.51 62.33′ RT.
PI STA 129+38.64
+82.00 M.B.T.O.
℄ +95.20 24′ F.E.
134+77.02 45.00′ RT.
136+13.83 45.0′ RT.
137+00.00 45.0′ RT.
ROAD BACK TO PRIVATE BUSINESS
℄ +40.67 46.75′ C.E. (PCC)
℄ +43.90 24.3′ F.E.
140+21.60 50.0′ RT.

RELOCATE EXISTING F.E. TO STA. 134+95.20

PROPOSED R.O.W.

STONE RIPRAP CLASS A3

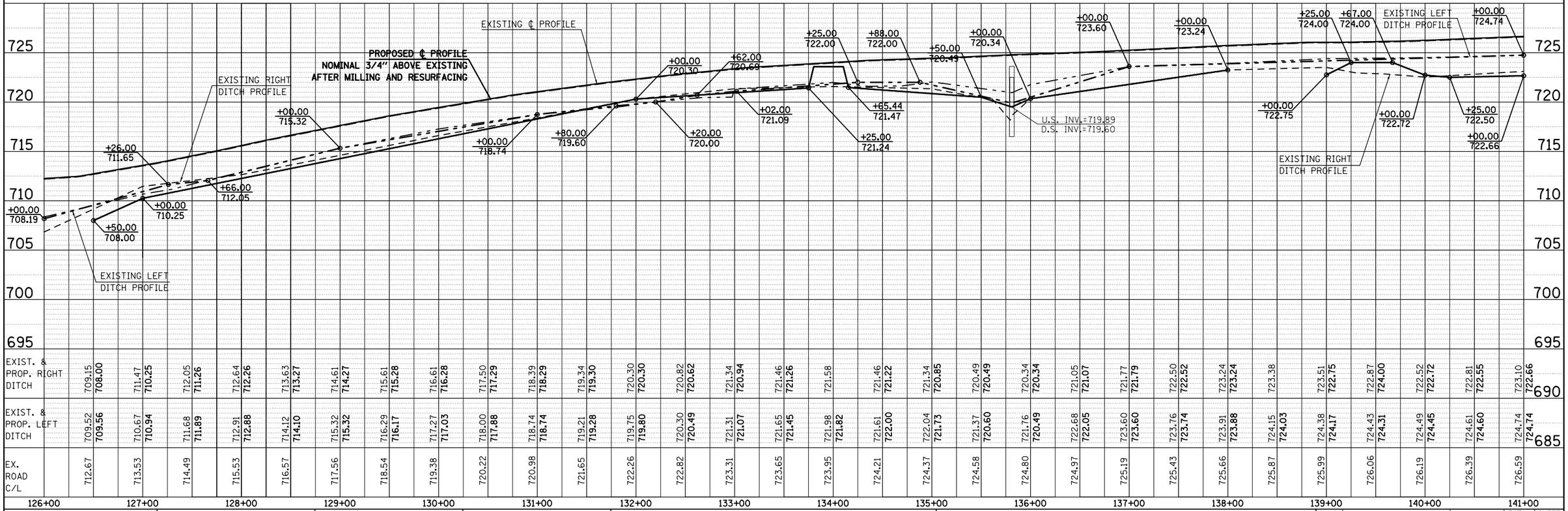
PROPOSED SINGLE 4′X3′X45.5′
PRECAST BOX CULVERT
WITH PRECAST END SECTIONS
C/L STA. 135+81.00
NO SKEW
U.S.F.L.=719.89, O/S=22.75′ LT.
D.S.F.L.=719.60, O/S=22.75′ RT.

PERIMETER EROSION BARRIER

PERIMETER EROSION BARRIER

PIPE CULVERT, CLASS D, TYPE 1, 18″X40.0′
WITH END SECTIONS, 18″ - 2.0 EACH
30.0′ LT., STA. 127+27.25, D.S.F.L. = 711.66
30.0′ LT., STA. 127+67.25, U.S.F.L. = 712.08

SEC. 10, T. 20N, R. 7E OF 3RD P.M.



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET
IL 47

SCALE: 1″=50′ | SHEET NO. 5 OF 32 SHEETS | STA. 126+00.00 TO STA. 141+00.00

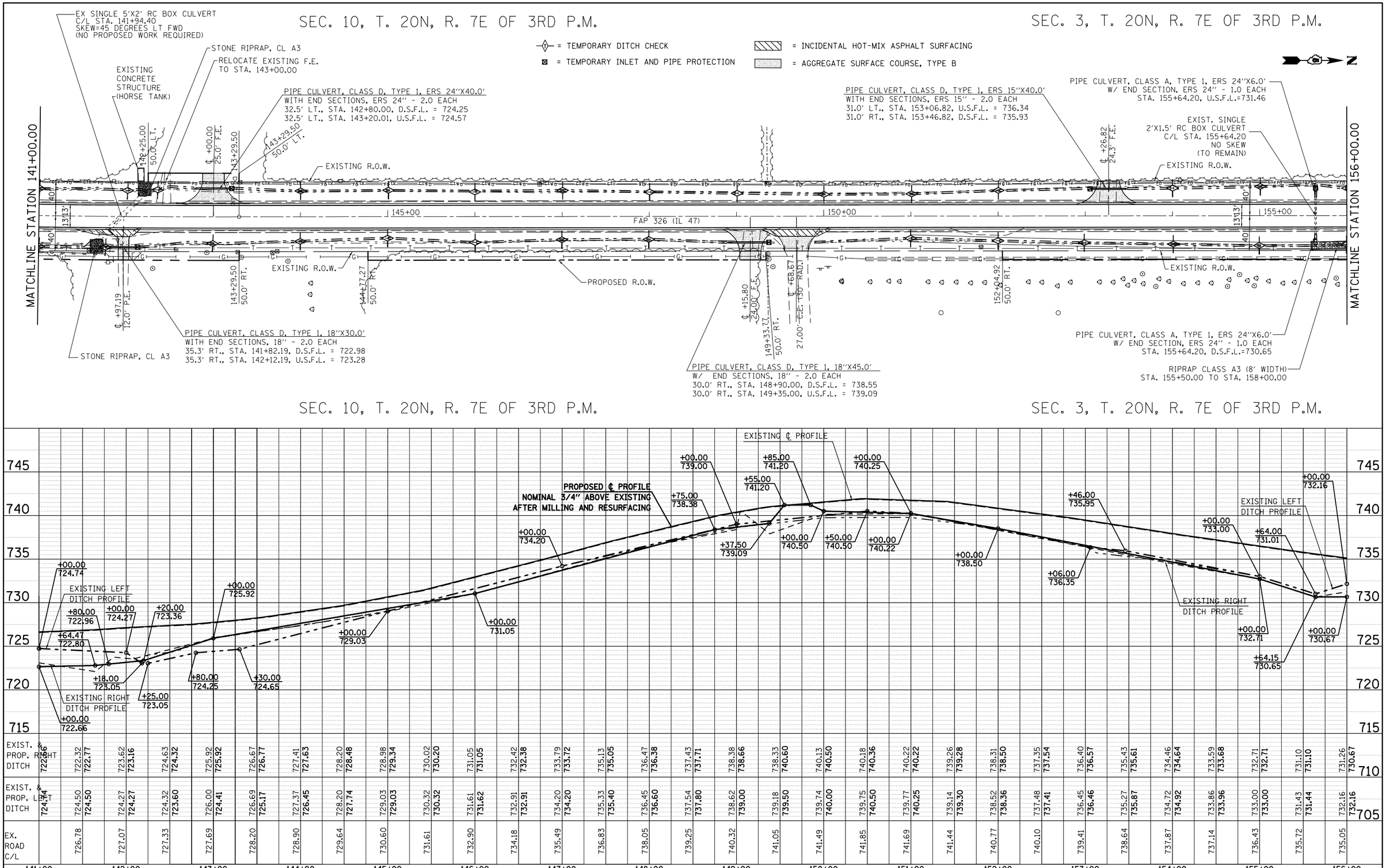
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	121

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BRIDGE NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE



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		DRAWN - MLB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET
IL 47

SCALE: 1"=50' | SHEET NO. 6 OF 32 SHEETS | STA. 141+00.00 TO STA. 156+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	122

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

SEC. 3, T. 20N, R. 7E OF 3RD P.M.

= TEMPORARY DITCH CHECK
= TEMPORARY INLET AND PIPE PROTECTION
= INCIDENTAL HOT-MIX ASPHALT SURFACING
= AGGREGATE SURFACE COURSE, TYPE B
= PCC DRIVEWAY PAVMENT

N

PIPE CULVERT, CLASS D, TYPE 1, 15"X40.0'
WITH END SECTIONS, 15" - 2.0 EACH
31.3' LT., STA. 156+62.29, D.S.F.L. = 731.03
30.7' LT., STA. 157+02.29, U.S.F.L. = 731.43

PIPE CULVERT, CLASS D, TYPE 1, ERS 15"X40.0'
WITH END SECTIONS, ERS 15" - 2.0 EACH
31.6' LT., STA. 162+38.70, D.S.F.L. = 726.79
30.7' LT., STA. 162+78.74, U.S.F.L. = 727.20

MATCHLINE STATION 156+00.00

MATCHLINE STATION 171+00.00

156+44.65 50.0' LT.
℄ +82.29 24.8' F.E.
160+00.00 50.0' LT.
℄ +58.69 24.3' F.E.
165+00.00 50.0' LT.
170+00.00 50.0' LT.

EXISTING R.O.W.
PROPOSED R.O.W.
PROPOSED R.O.W.
EXISTING R.O.W.

40' 13'13' 40'

160+00
FAP 326 (IL 47)
165+00
170+00

EXISTING R.O.W.
EXISTING R.O.W.
EXISTING R.O.W.
EXISTING R.O.W.

158+24.85 50.0' RT.
158+84.85 50.0' RT.
162+62.80 50.0' RT.

RIPRAP CLASS A3 (8' WIDTH)
STA. 159+47.33 TO STA. 159+67.33

RIPRAP CLASS A3
(8' WIDTH)
STA. 155+50.00 TO
STA. 158+00.00

0+70.00
M.B. 1.84

℄ +55.12
72.00' SIDEROAD

EAST OAK VALLEY ROAD (PCC)

PIPE CULVERT, CLASS A, TYPE 1, 24"X150.0'
W/ CONC FLRD END SECTIONS, 24" - 2.0 EACH
35.0' RT., STA. 157+99.84, U.S.F.L. = 728.47
28.0' RT., STA. 159+50.02, D.S.F.L. = 727.60

PCC DRIVEWAY PAVEMENT, 7"
(186.0 SQ YD)

EXIST. SINGLE 4'X2' RC BOX CULVERT
C/L STA. 161+45.00
NO SKEW
(NO PROPOSED WORK REQUIRED)
U.S.F.L.=724.76
D.S.F.L.=724.21

℄ +08.74
101.65' SIDEROAD
RESERVE COURT
(PCCP ENTRANCE)

SEC. 3, T. 20N, R. 7E OF 3RD P.M.

PROFILE

PROPOSED ℄ PROFILE
NOMINAL 3/4" ABOVE EXISTING
AFTER MILLING AND RESURFACING

EXISTING ℄ PROFILE

EXISTING LEFT DITCH PROFILE

EXISTING RIGHT DITCH PROFILE

745 740 735 730 725 720 715

+00.00 732.16
+50.00 730.70
+02.00 731.43
+00.00 730.67
+62.00 731.03
+00.00 728.47
+50.00 727.60
+00.00 726.88
+45.00 724.75
+00.00 725.97
+42.46 724.39
+00.00 726.42
+38.00 726.78
+78.00 727.18
+00.00 734.75
+00.00 736.22
+00.00 736.69
+00.00 733.80
+00.00 729.36
+00.00 728.88

	156+00	157+00	158+00	159+00	160+00	161+00	162+00	163+00	164+00	165+00	166+00	167+00	168+00	169+00	170+00	171+00
EXIST. & PROP. RIGHT DITCH	730.56 730.71	730.70 730.16	729.96 729.26	729.21 728.37	728.47 727.35	728.18 727.35	727.89 727.32	727.60 727.30	727.06 726.63	726.51 725.97	725.97 724.66	724.66 726.42	726.42 727.19	727.46 727.97	728.50 728.95	729.54 729.93
	730.58 731.13	731.63 732.33	732.67 733.54	733.71 734.75	734.75 735.23	735.72 736.20	736.69 736.69	735.55 735.47	734.42 734.25	733.07 733.02	731.72 731.80	730.32 730.58	728.91 729.36			
EXIST. & PROP. LEFT DITCH	732.56 731.58	731.25 731.44	731.41 730.95	730.88 730.47	730.31 729.98	729.74 729.50	729.17 728.71	728.59 727.93	728.02 727.40	727.45 726.88	726.88 726.81	725.95 726.79	726.90 728.21	727.65 729.03	728.72 729.85	729.79 731.03
	730.86 732.20	731.94 733.28	733.01 734.36	734.08 735.29	735.15 736.22	736.22 735.97	735.61 735.72	735.01 734.80	734.40 733.88	733.80 732.63	732.57 731.38	731.34 730.12	730.11 728.87	728.88		
EX. ROAD C/L	734.40	733.74	733.04	732.33	731.61	730.84	730.25	729.77	729.29	729.12	729.10	729.39	729.76	730.34	731.14	732.10
	733.13	734.54	735.88	736.85	737.64	738.05	738.16	737.74	737.23	736.27	735.18	733.96	732.73	731.49		

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		DRAWN - MLB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 7 OF 32 SHEETS | STA. 156+00.00 TO STA. 161+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	123
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

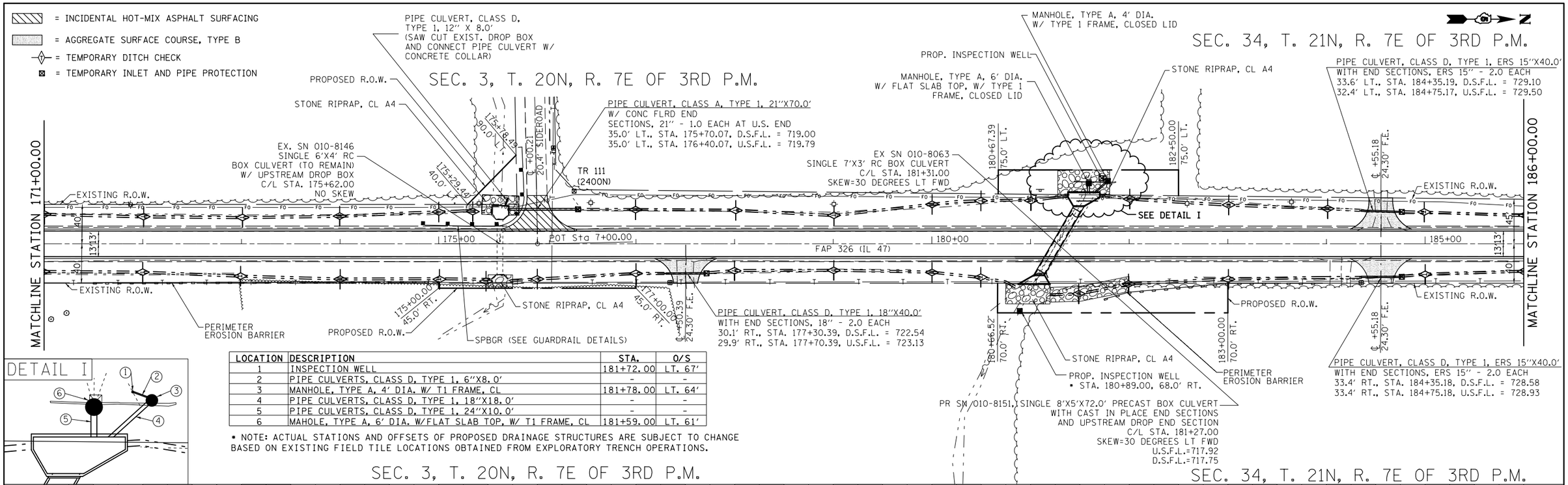
PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BRIDGE NOTED / STRUCTURE NOTATNS CHKD — NOTE BOOK NO. — BY — DATE

= INCIDENTAL HOT-MIX ASPHALT SURFACING

= AGGREGATE SURFACE COURSE, TYPE B

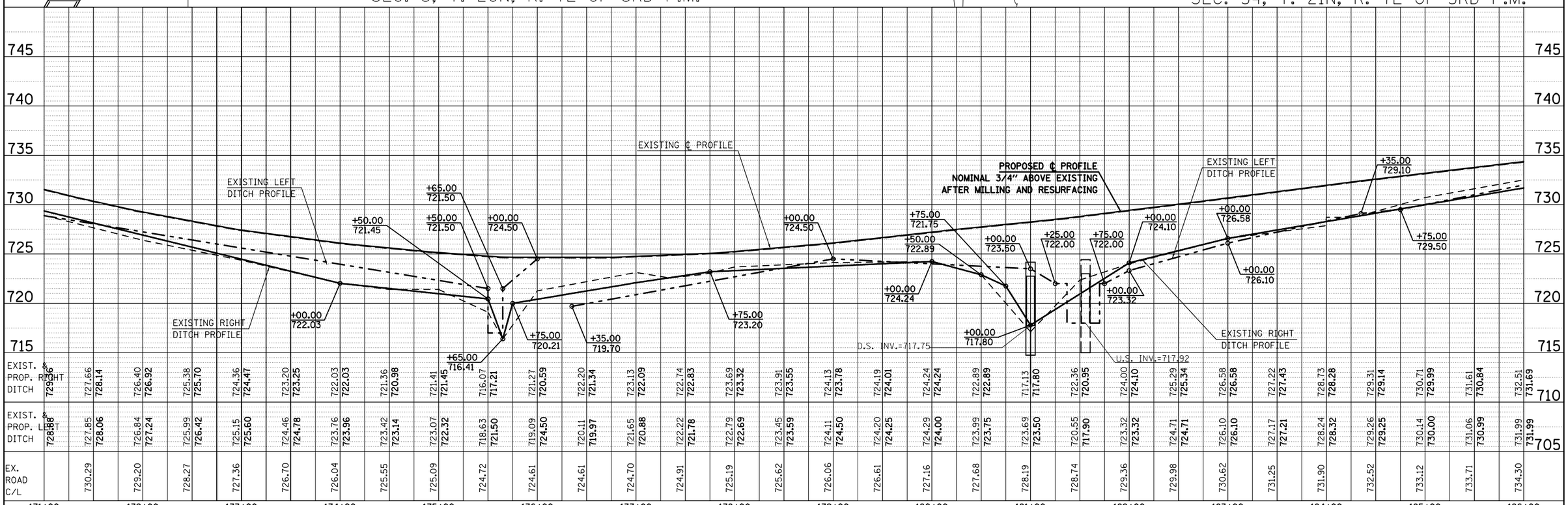
= TEMPORARY DITCH CHECK

= TEMPORARY INLET AND PIPE PROTECTION



LOCATION	DESCRIPTION	STA.	O/S
1	INSPECTION WELL	181+72.00	LT. 67'
2	PIPE CULVERTS, CLASS D, TYPE 1, 6"X8.0'	-	-
3	MANHOLE, TYPE A, 4' DIA. W/ T1 FRAME, CL	181+78.00	LT. 64'
4	PIPE CULVERTS, CLASS D, TYPE 1, 18"X18.0'	-	-
5	PIPE CULVERTS, CLASS D, TYPE 1, 24"X10.0'	-	-
6	MAHOLE, TYPE A, 6' DIA. W/FLAT SLAB TOP, W/ T1 FRAME, CL	181+59.00	LT. 61'

• NOTE: ACTUAL STATIONS AND OFFSETS OF PROPOSED DRAINAGE STRUCTURES ARE SUBJECT TO CHANGE BASED ON EXISTING FIELD TILE LOCATIONS OBTAINED FROM EXPLORATORY TRENCH OPERATIONS.



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		DRAWN - MLB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 8 OF 32 SHEETS | STA. 171+00.00 TO STA. 186+00.00

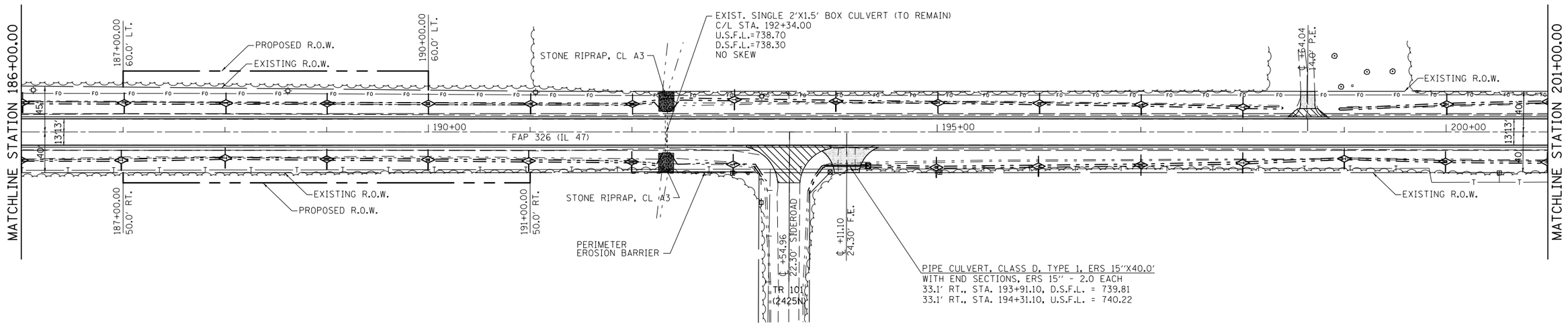
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	124

CONTRACT NO. 70844

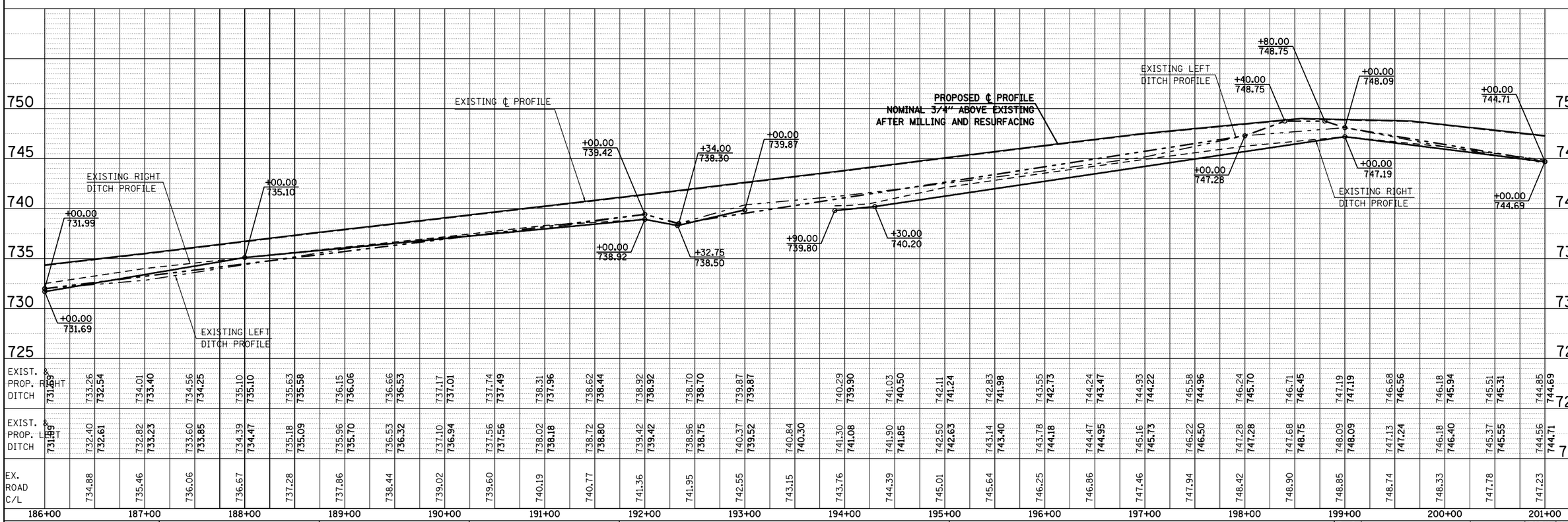
ILLINOIS FED. AID PROJECT

= TEMPORARY DITCH CHECK
= TEMPORARY INLET AND PIPE PROTECTION
= INCIDENTAL HOT-MIX ASPHALT SURFACING
= AGGREGATE SURFACE COURSE, TYPE B

SEC. 34, T. 21N, R. 7E OF 3RD P.M.



SEC. 34, T. 21N, R. 7E OF 3RD P.M.



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 9 OF 32 SHEETS | STA. 186+00.00 TO STA. 201+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	125

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

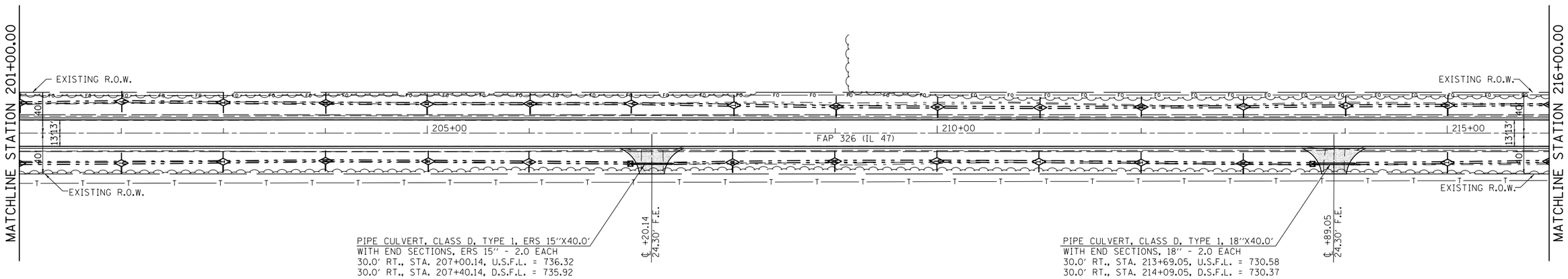
SEC. 34, T. 21N, R. 7E OF 3RD P.M.

= TEMPORARY DITCH CHECK

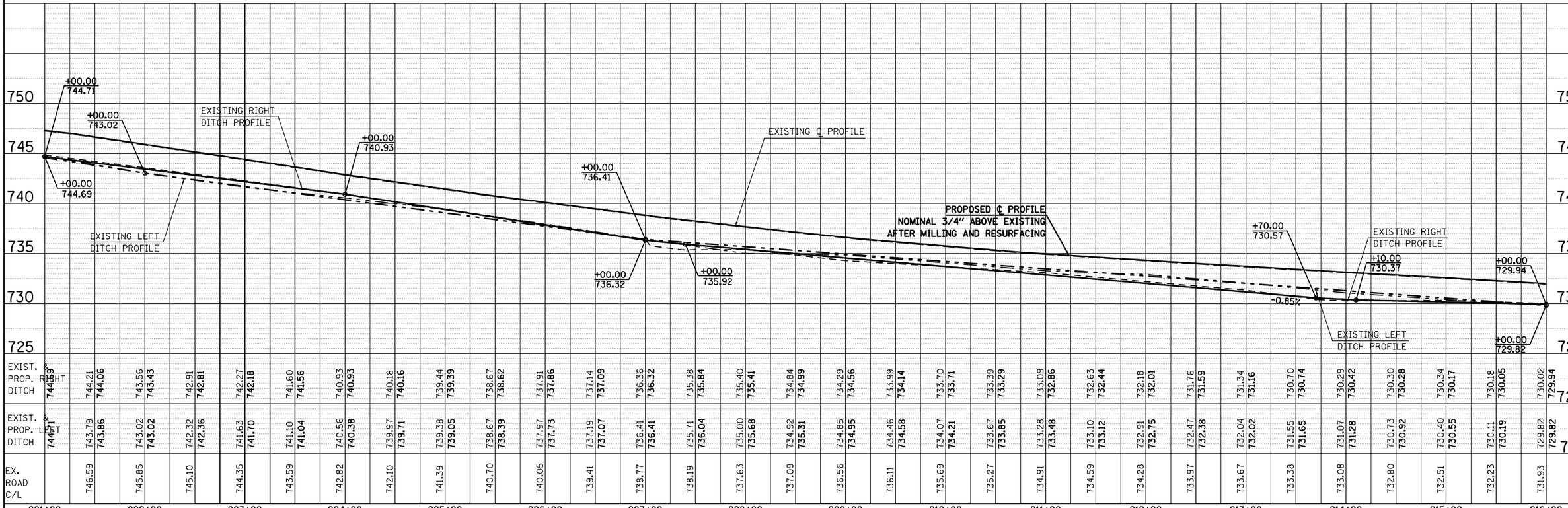
= TEMPORARY INLET AND PIPE PROTECTION

= INCIDENTAL HOT-MIX ASPHALT SURFACING

= AGGREGATE SURFACE COURSE, TYPE B



SEC. 34, T. 21N, R. 7E OF 3RD P.M.



	201+00	202+00	203+00	204+00	205+00	206+00	207+00	208+00	209+00	210+00	211+00	212+00	213+00	214+00	215+00	216+00
EXIST. & PROP. RIGHT DITCH	744.69	744.21 / 744.06	743.56 / 743.43	742.91 / 742.81	742.27 / 742.18	741.60 / 741.56	740.93 / 740.93	740.18 / 740.16	739.44 / 739.39	738.67 / 738.62	737.91 / 737.86	737.14 / 737.09	736.36 / 736.32	735.38 / 735.84	735.40 / 735.41	734.84 / 734.99
EXIST. & PROP. LEFT DITCH	744.71	743.79 / 743.86	743.02 / 743.02	742.32 / 742.36	741.63 / 741.70	741.10 / 741.04	740.56 / 740.38	739.97 / 739.71	739.38 / 739.05	738.67 / 738.39	737.97 / 737.73	737.19 / 737.07	736.41 / 736.41	735.71 / 736.04	735.00 / 735.68	734.92 / 735.31
EX. ROAD C/L		746.59	745.85	745.10	744.35	743.59	742.82	742.10	741.39	740.70	740.05	739.41	738.77	738.19	737.63	737.09

	201+00	202+00	203+00	204+00	205+00	206+00	207+00	208+00	209+00	210+00	211+00	212+00	213+00	214+00	215+00	216+00
EXIST. & PROP. RIGHT DITCH	734.29 / 734.56	733.99 / 734.14	733.70 / 733.71	733.39 / 733.29	733.09 / 732.86	732.63 / 732.44	732.18 / 732.01	731.76 / 731.59	731.34 / 731.16	730.70 / 730.74	730.29 / 730.42	730.30 / 730.28	730.34 / 730.17	730.18 / 730.05	730.02 / 729.94	
EXIST. & PROP. LEFT DITCH	734.85 / 734.95	734.46 / 734.58	734.07 / 734.21	733.67 / 733.85	733.28 / 733.48	733.10 / 733.12	732.91 / 732.75	732.47 / 732.38	732.04 / 732.02	731.55 / 731.65	731.07 / 731.28	730.73 / 730.92	730.40 / 730.55	730.11 / 730.19	729.82 / 729.82	
EX. ROAD C/L	736.56	736.11	735.69	735.27	734.91	734.59	734.28	733.97	733.67	733.38	733.08	732.80	732.51	732.23	731.93	

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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 10 OF 32 SHEETS | STA. 201+00.00 TO STA. 216+00.00

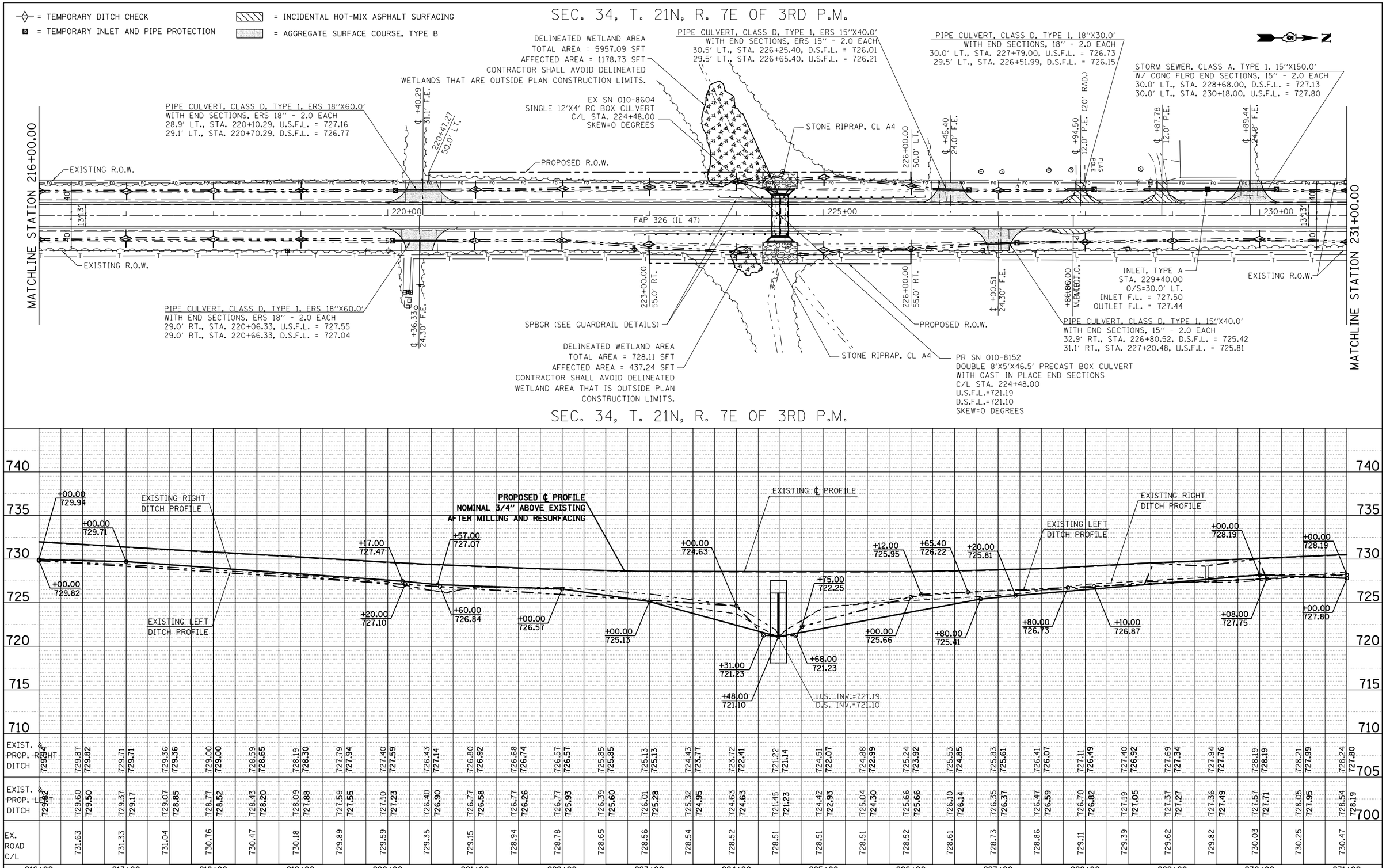
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	126

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

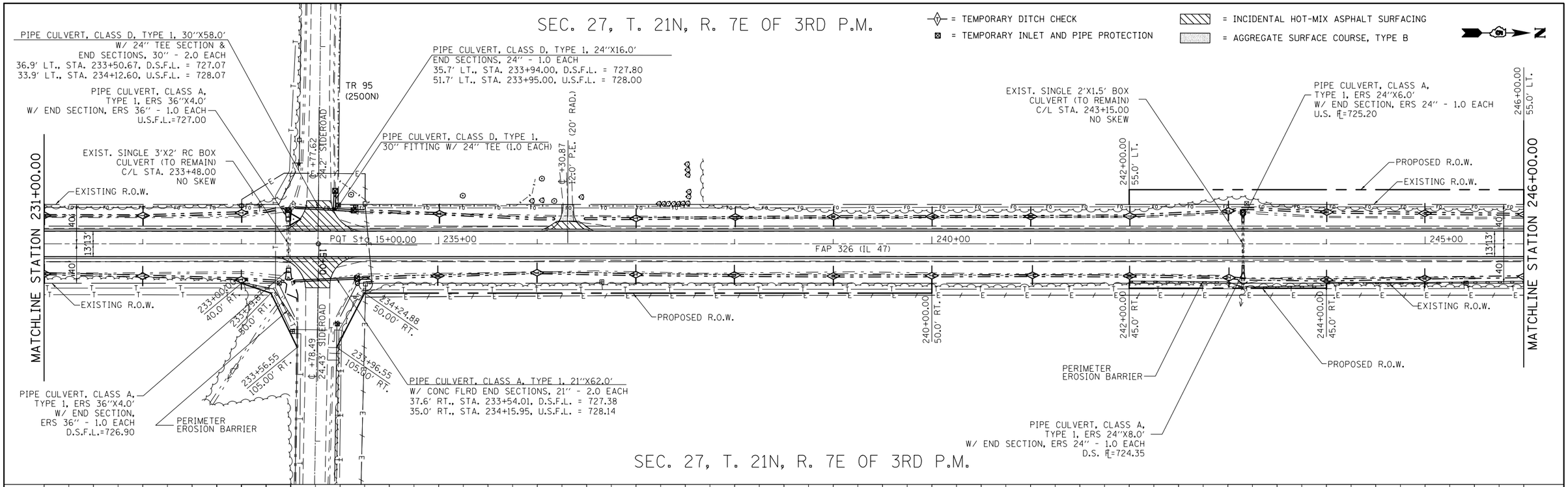
PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 11 OF 32 SHEETS | STA. 216+00.00 TO STA. 231+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	127

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTAT'NS CHKD — NOTE BOOK NO. — BY — DATE

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	PLOT DATE = 10/16/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 12 OF 32 SHEETS | STA. 231+00.00 TO STA. 246+00.00

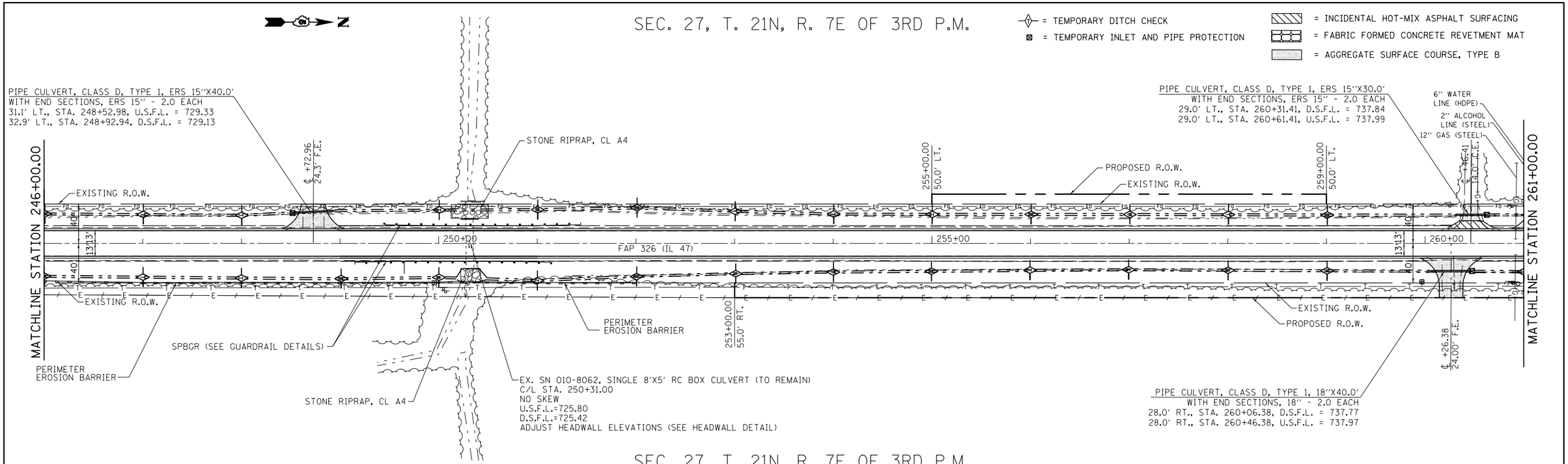
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	128

CONTRACT NO. 70844

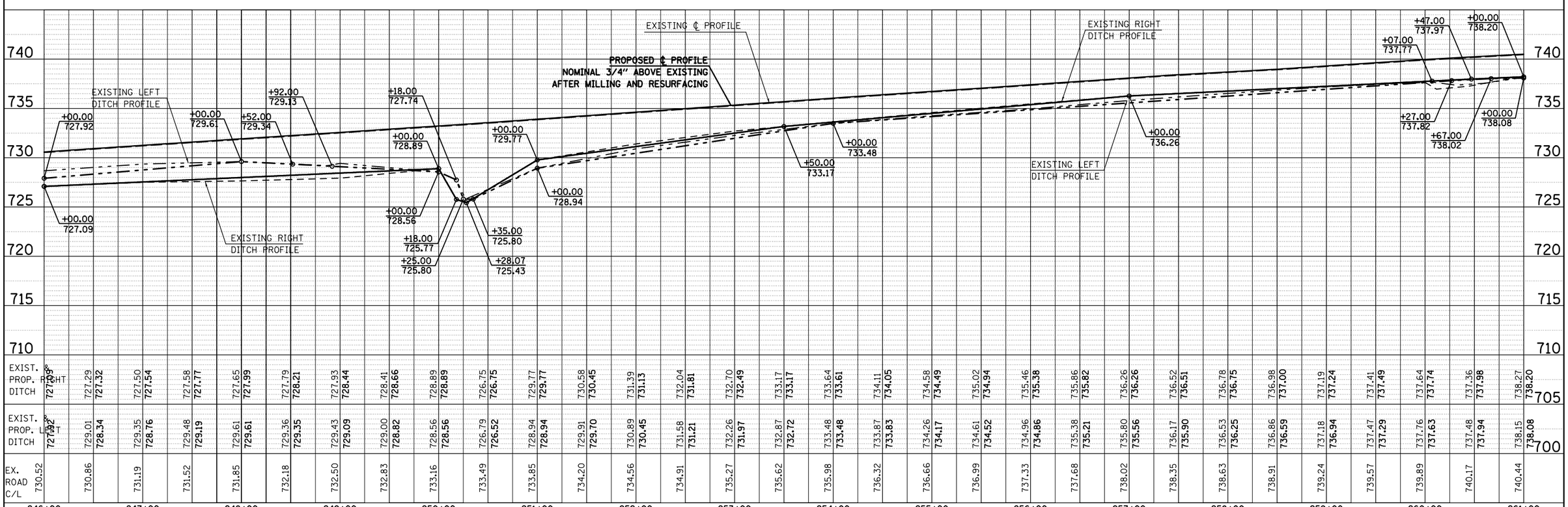
ILLINOIS FED. AID PROJECT

SEC. 27, T. 21N, R. 7E OF 3RD P.M.

= TEMPORARY DITCH CHECK
= TEMPORARY INLET AND PIPE PROTECTION
= INCIDENTAL HOT-MIX ASPHALT SURFACING
= FABRIC FORMED CONCRETE REVETMENT MAT
= AGGREGATE SURFACE COURSE, TYPE B



SEC. 27, T. 21N, R. 7E OF 3RD P.M.



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	PLOT DATE = 10/16/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 13 OF 32 SHEETS | STA. 246+00.00 TO STA. 261+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	129

CONTRACT NO. 70844

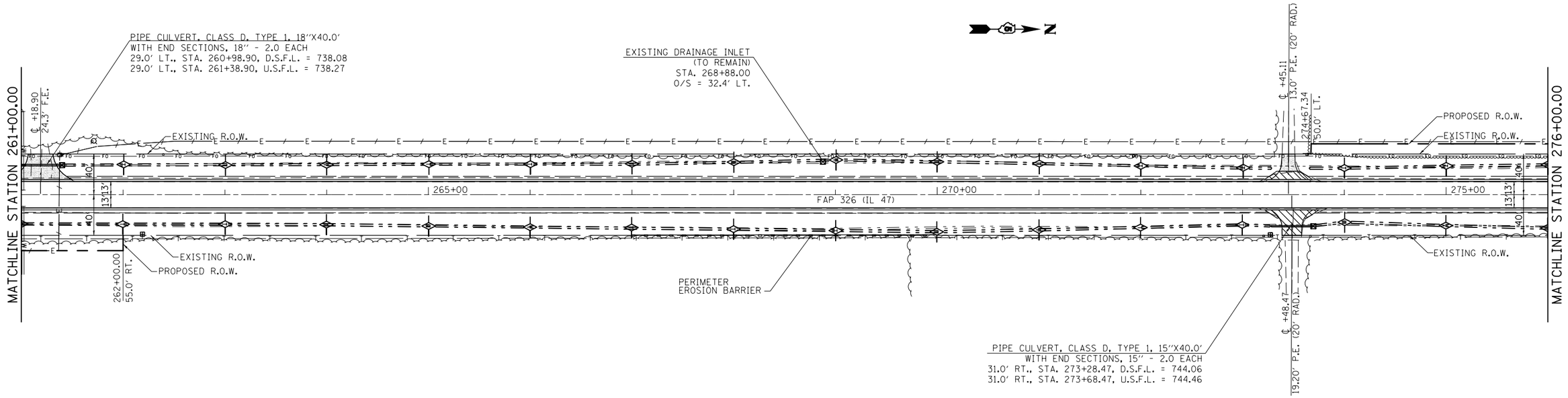
ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

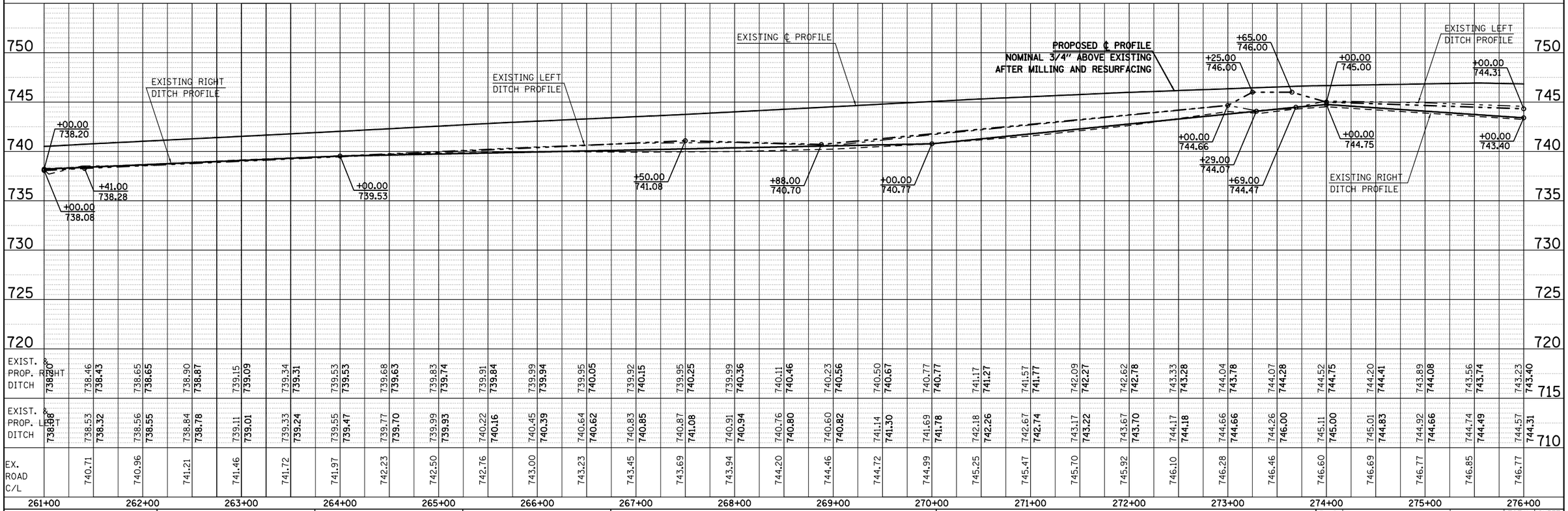
PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BRK. NOTED / STRUCTURE NOTAT'NS CH'KD / NOTE BOOK NO. / BY / DATE

SEC. 27, T. 21N, R. 7E OF 3RD P.M.

= TEMPORARY DITCH CHECK
= TEMPORARY INLET AND PIPE PROTECTION
= INCIDENTAL HOT-MIX ASPHALT SURFACING
= AGGREGATE SURFACE COURSE, TYPE B



SEC. 27, T. 21N, R. 7E OF 3RD P.M.



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 14 OF 32 SHEETS | STA. 261+00.00 TO STA. 276+00.00

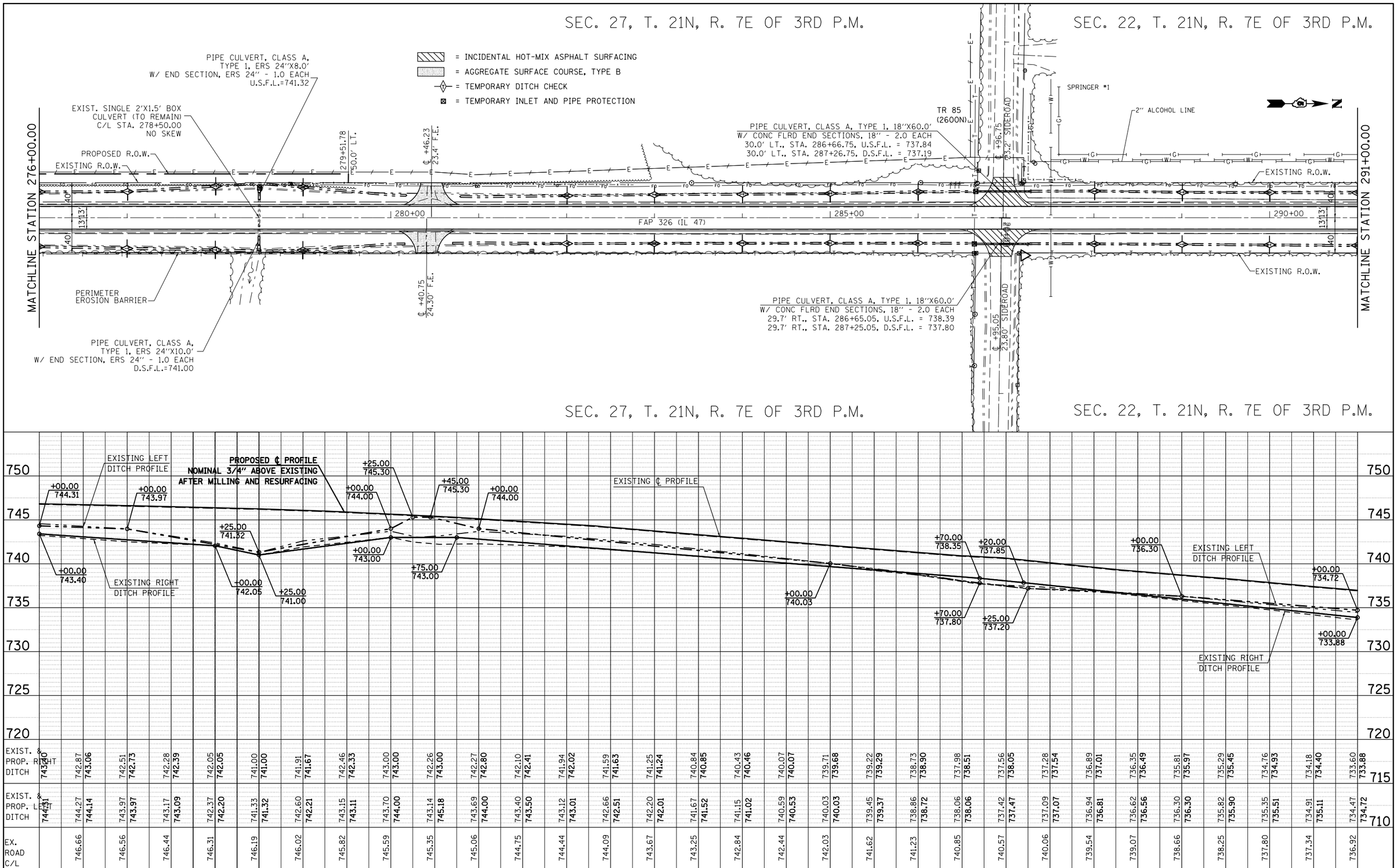
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	130

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 15 OF 32 SHEETS | STA. 276+00.00 TO STA. 291+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	131

CONTRACT NO. 70844

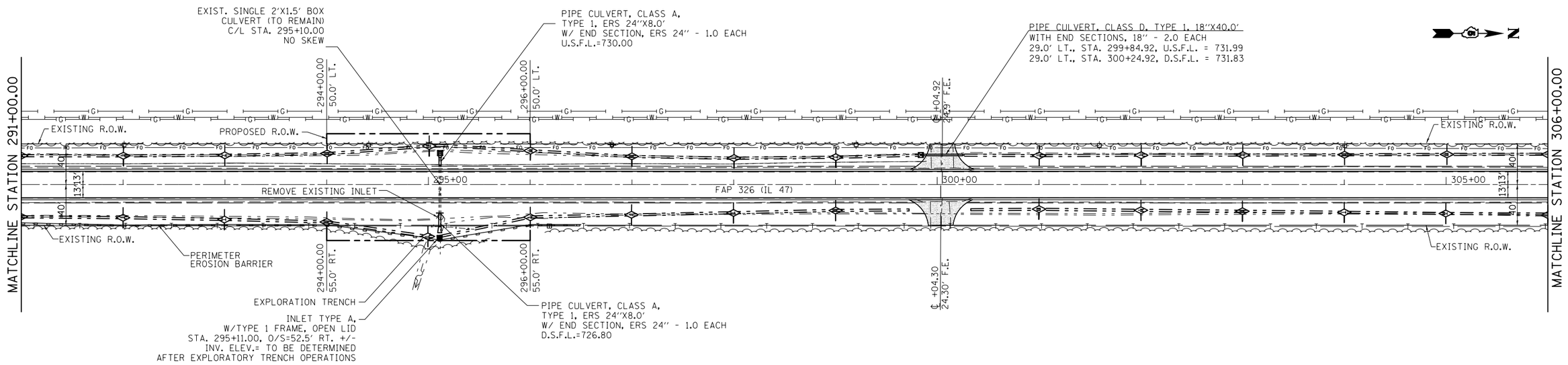
ILLINOIS FED. AID PROJECT

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK NO., BY, DATE

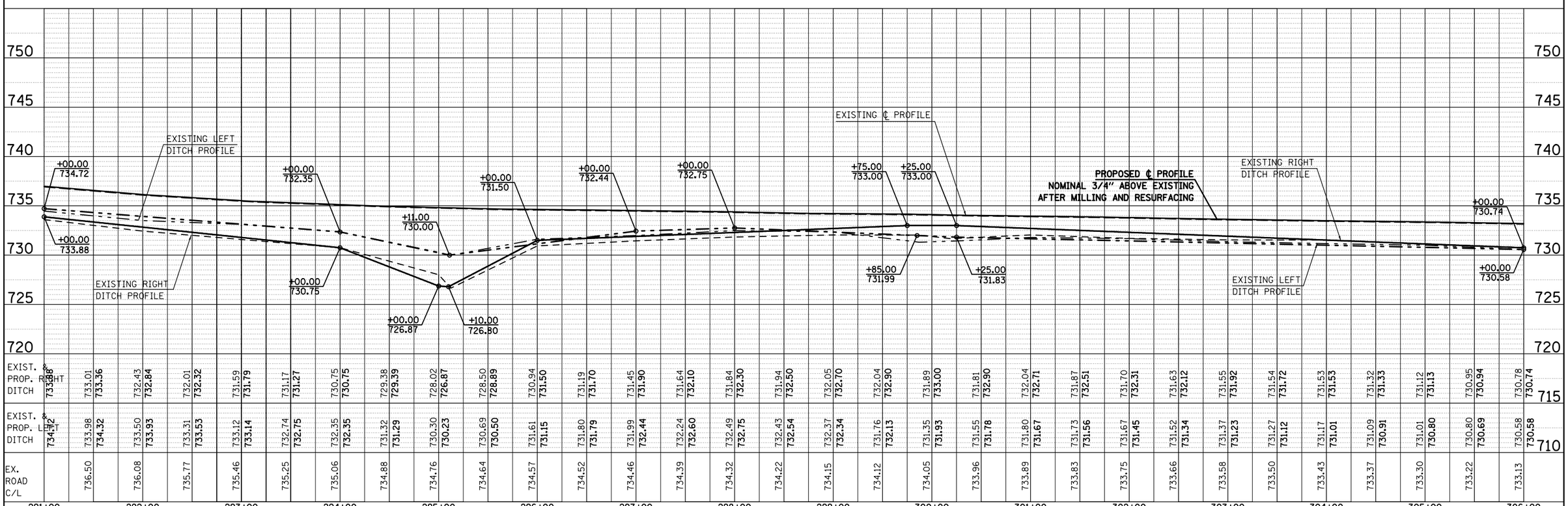
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTAT'NS CHK'D, NOTE BOOK NO., BY, DATE

SEC. 22, T. 21N, R. 7E OF 3RD P.M.

= TEMPORARY DITCH CHECK
= TEMPORARY INLET AND PIPE PROTECTION
= INCIDENTAL HOT-MIX ASPHALT SURFACING
= AGGREGATE SURFACE COURSE, TYPE B



SEC. 22, T. 21, R. 7E OF 3RD P.M.



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 16 OF 32 SHEETS | STA. 291+00.00 TO STA. 306+00.00

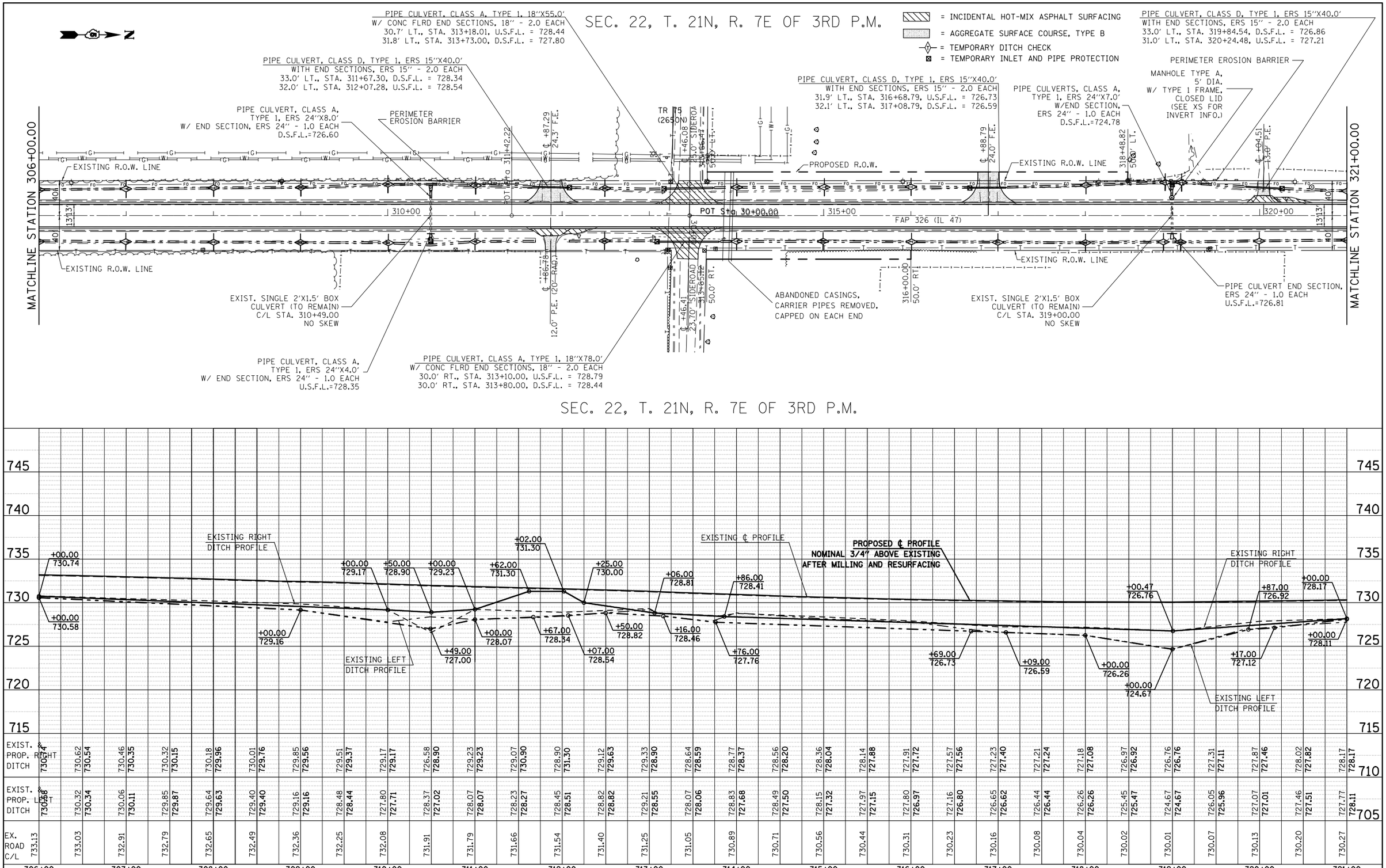
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	132

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

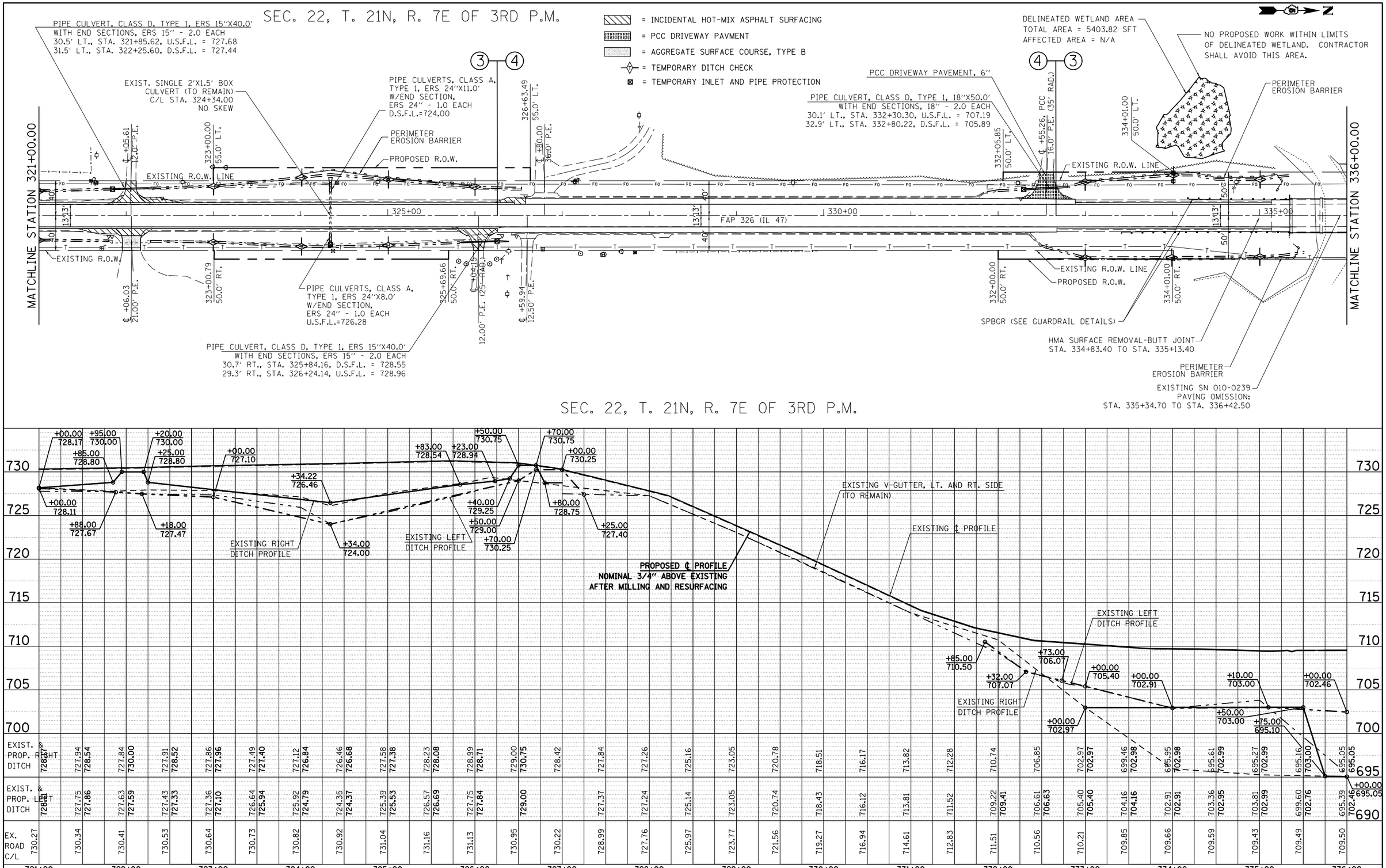
PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 17 OF 32 SHEETS | STA. 306+00.00 TO STA. 321+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	133

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

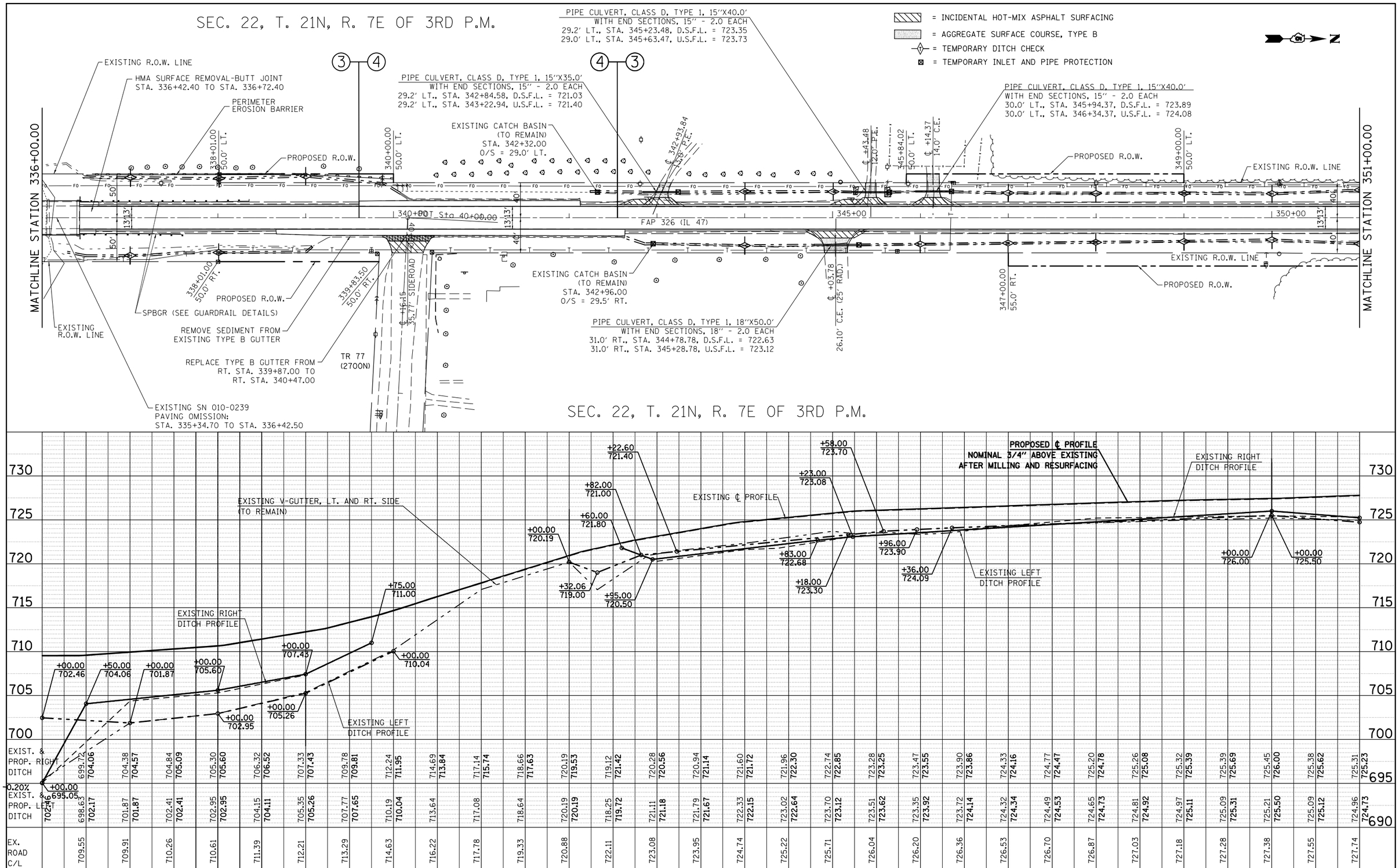
PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 18 OF 32 SHEETS | STA. 321+00.00 TO STA. 336+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	134

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

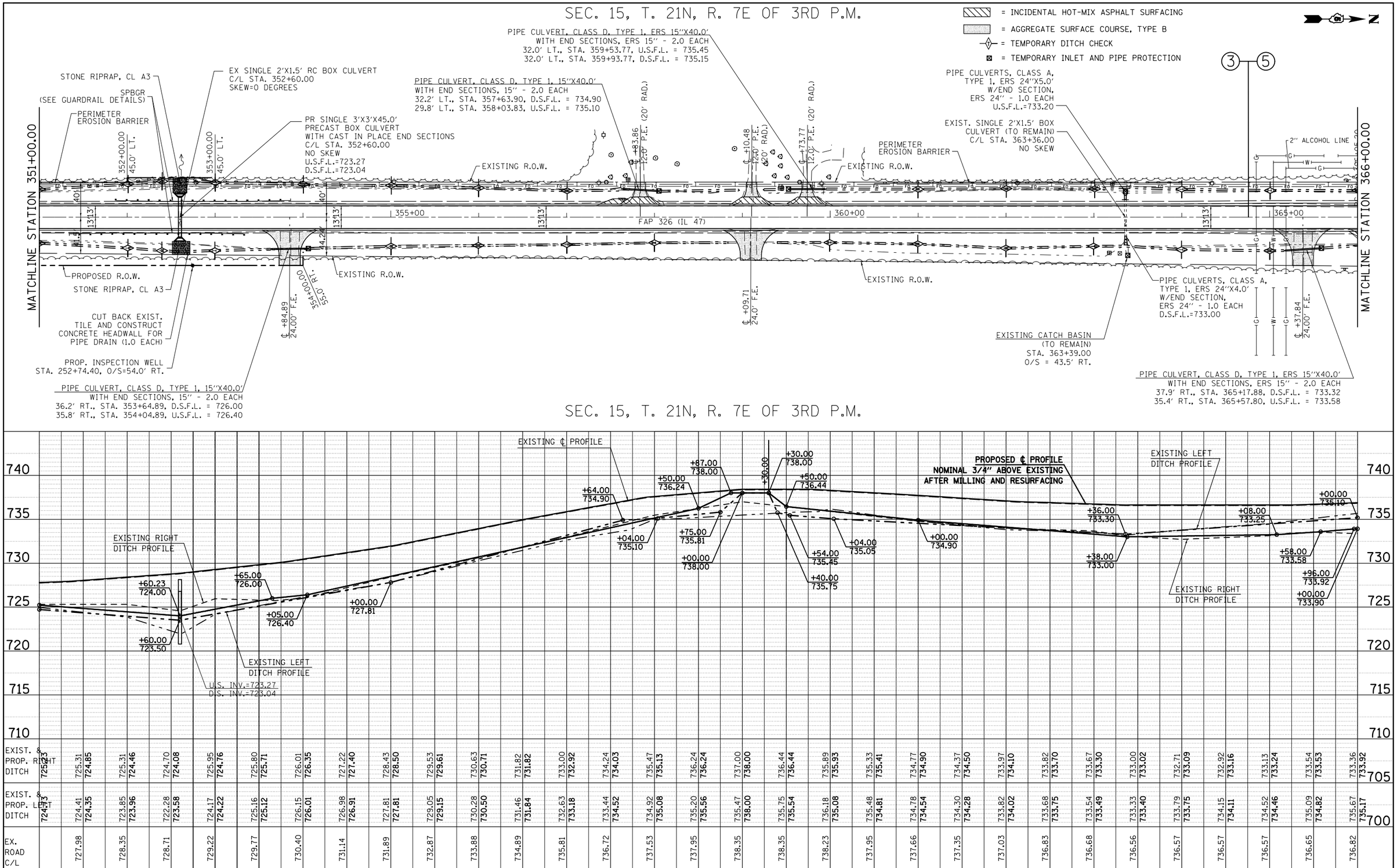
PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 19 OF 32 SHEETS | STA. 336+00.00 TO STA. 351+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	135

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 20 OF 32 SHEETS | STA. 351+00.00 TO STA. 366+00.00

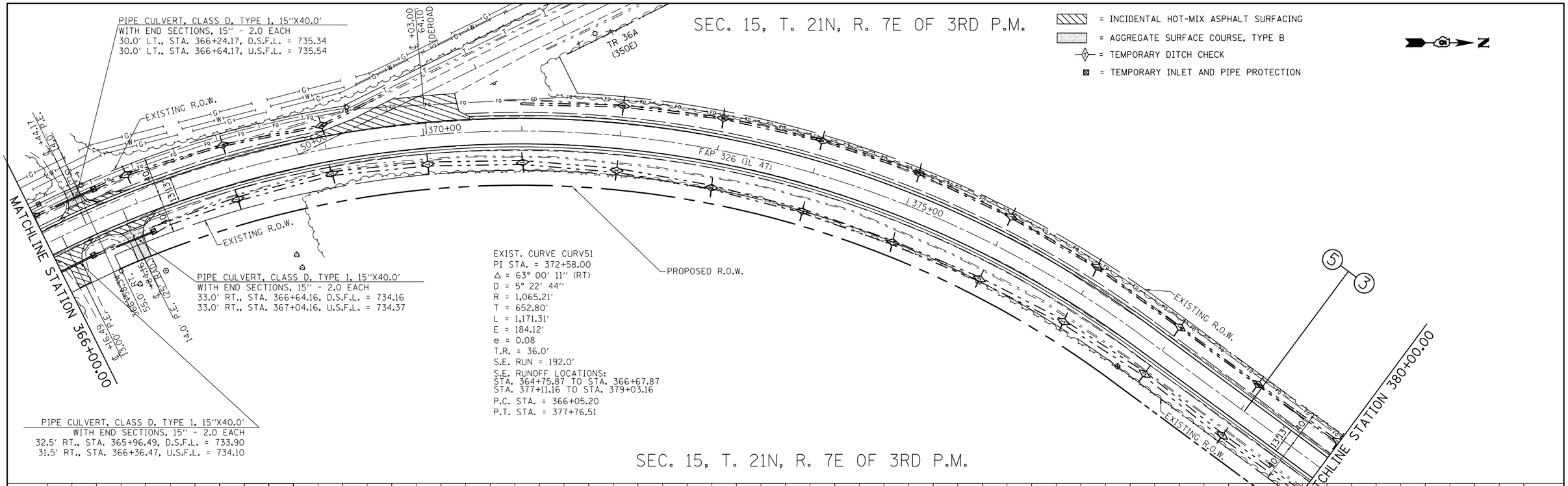
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	136

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTAT'NS CHKD / NOTE BOOK NO. / BY / DATE



PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
BRIDGE NOTES CHKD
STRUCTURE NOTATNS CHKD
BY
DATE

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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 21 OF 32 SHEETS | STA. 366+00.00 TO STA. 380+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	137
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		

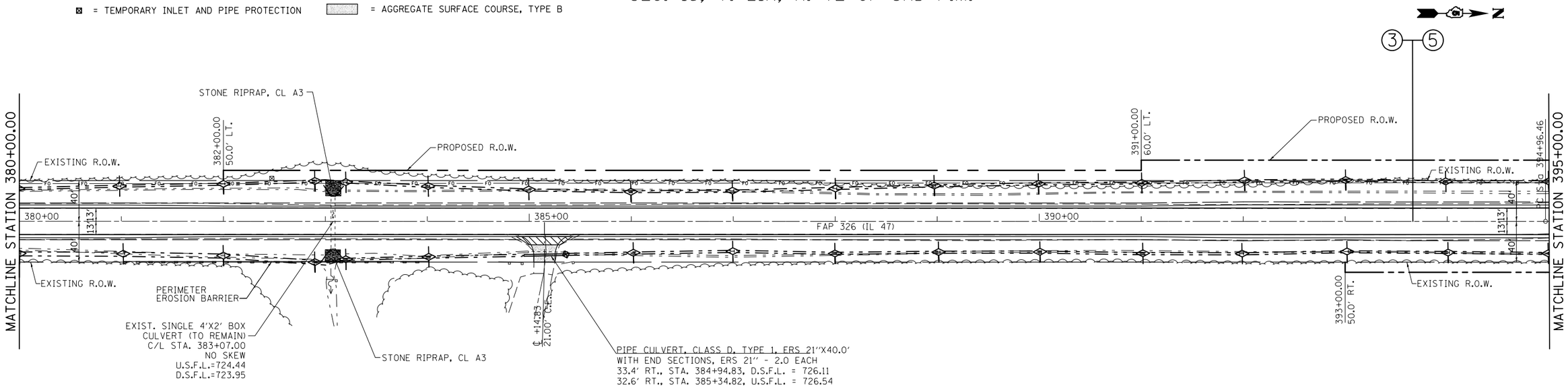
= TEMPORARY DITCH CHECK

= TEMPORARY INLET AND PIPE PROTECTION

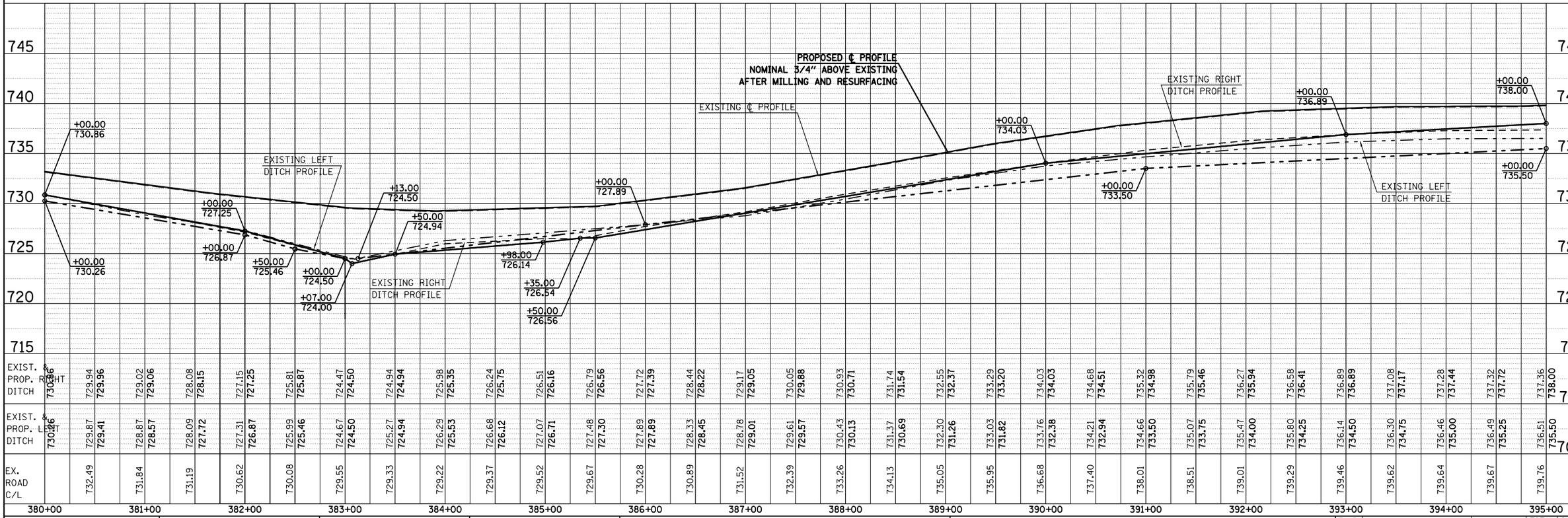
= INCIDENTAL HOT-MIX ASPHALT SURFACING

= AGGREGATE SURFACE COURSE, TYPE B

SEC. 15, T. 21N, R. 7E OF 3RD P.M.



SEC. 15, T. 21N, R. 7E OF 3RD P.M.



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 22 OF 32 SHEETS | STA. 380+00.00 TO STA. 395+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	138

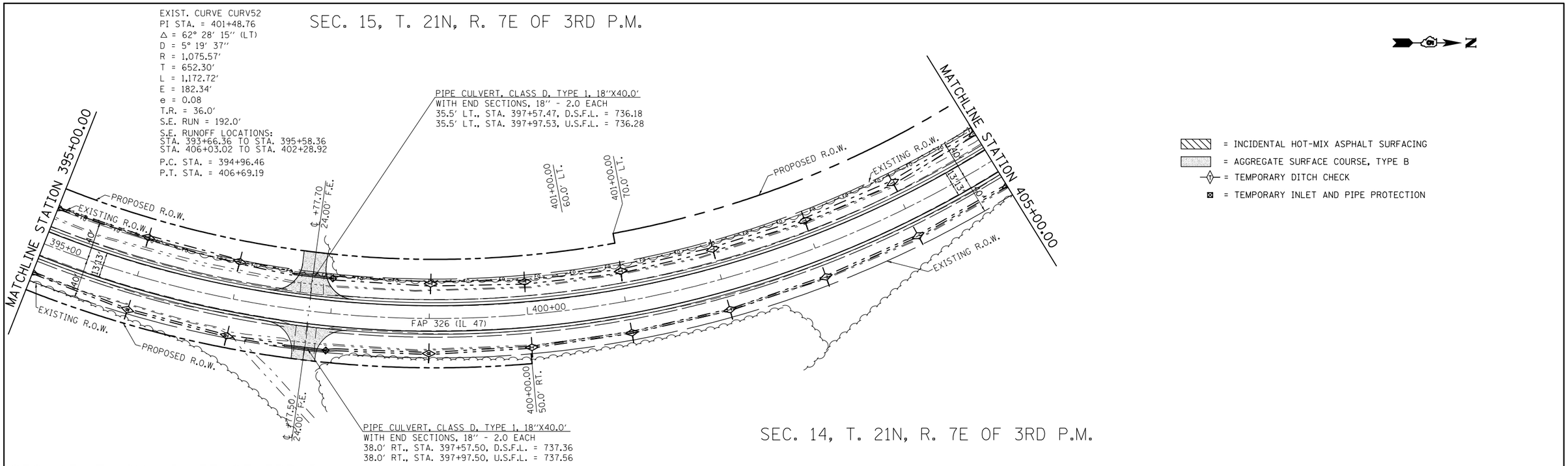
CONTRACT NO. 70844

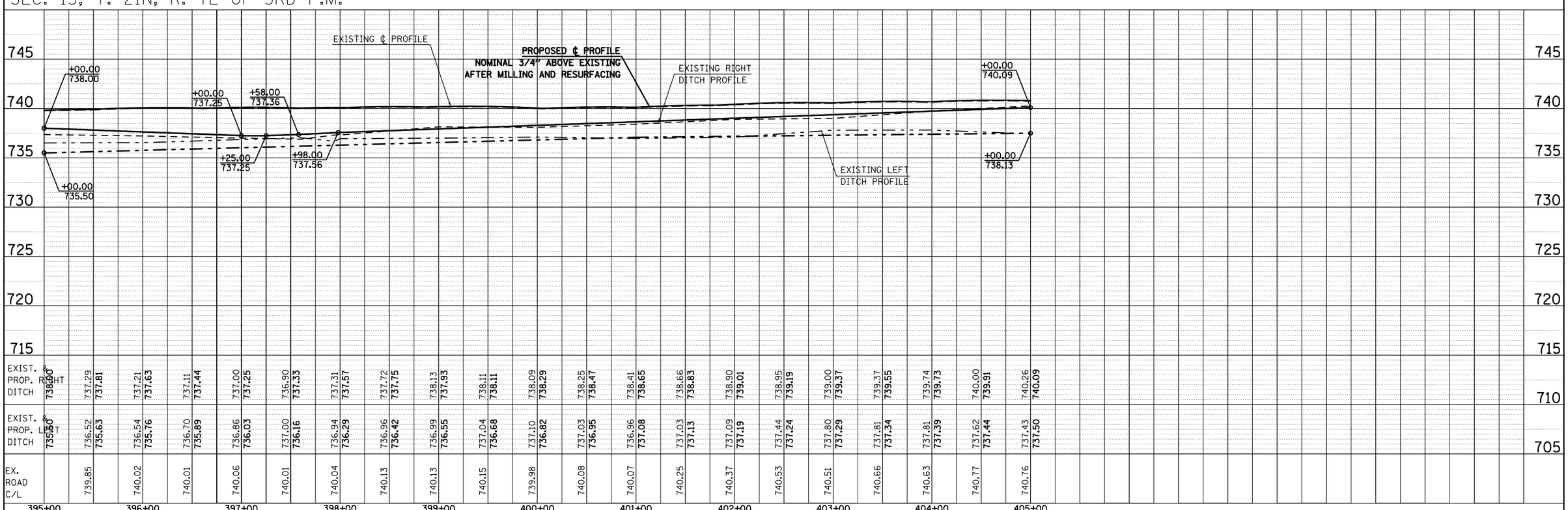
ILLINOIS FED. AID PROJECT

PLAN: SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK NO. ____ | BY | DATE

PROFILE: SURVEYED | PLOTTED | PROFILES CHECKED | BM. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK NO. ____ | BY | DATE

EXIST. CURVE CURV52
PI STA. = 401+48.76
Δ = 62° 28′ 15″ (LT)
D = 5° 19′ 37″
R = 1,075.57′
T = 652.30′
L = 1,172.72′
E = 182.34′
e = 0.08
T.R. = 36.0′
S.E. RUN = 192.0′
S.E. RUNOFF LOCATIONS:
STA. 393+66.36 TO STA. 395+58.36
STA. 406+03.02 TO STA. 402+28.92
P.C. STA. = 394+96.46
P.T. STA. = 406+69.19





PLAN		BY	DATE
NOTE BOOK NO. ____	SURVEYED PLOTTED ALIGNMENT CHECKED RT. OF WAY CHECKED CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK NO. ____	SURVEYED PLOTTED GRADES CHECKED BM. NOTED STRUCTURE NOTAT'NS CHKD		

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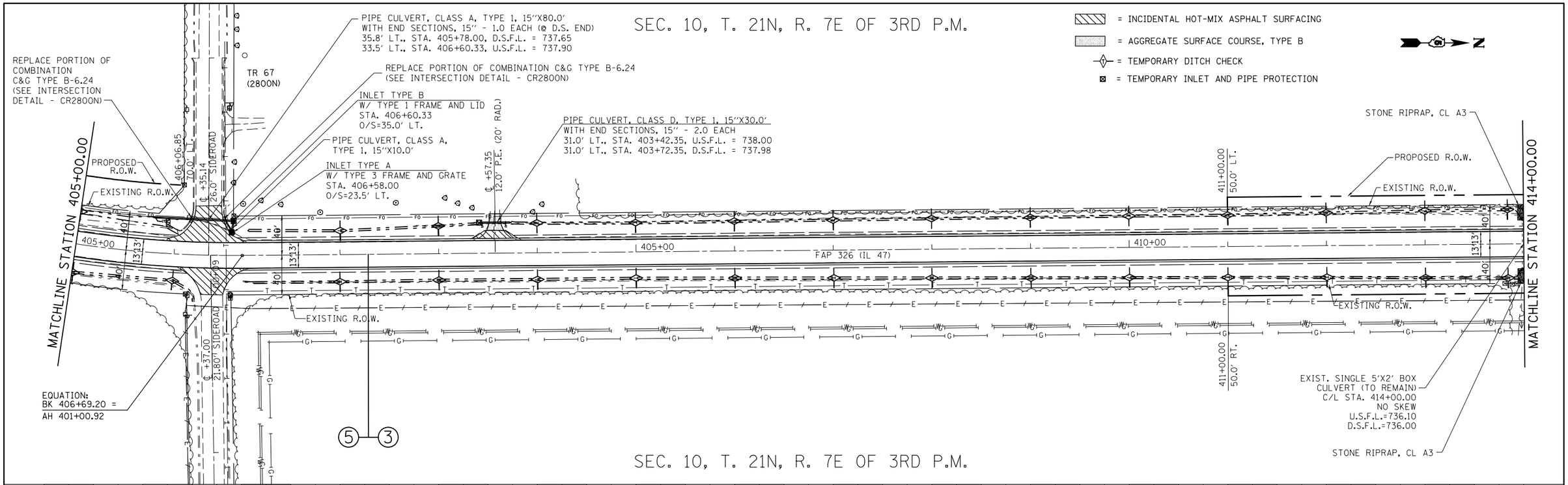
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50′ | SHEET NO. 23 OF 32 SHEETS | STA. 395+00.00 TO STA. 405+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	139
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		



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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 24 OF 32 SHEETS | STA. 405+00.00 TO STA. 414+00.00

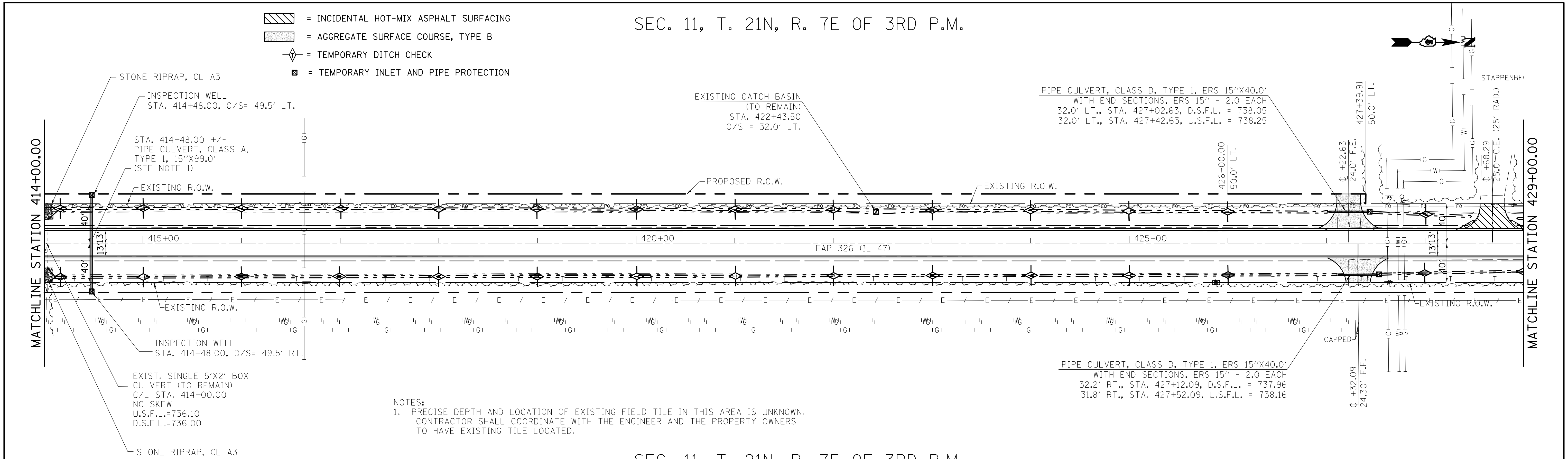
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	140

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

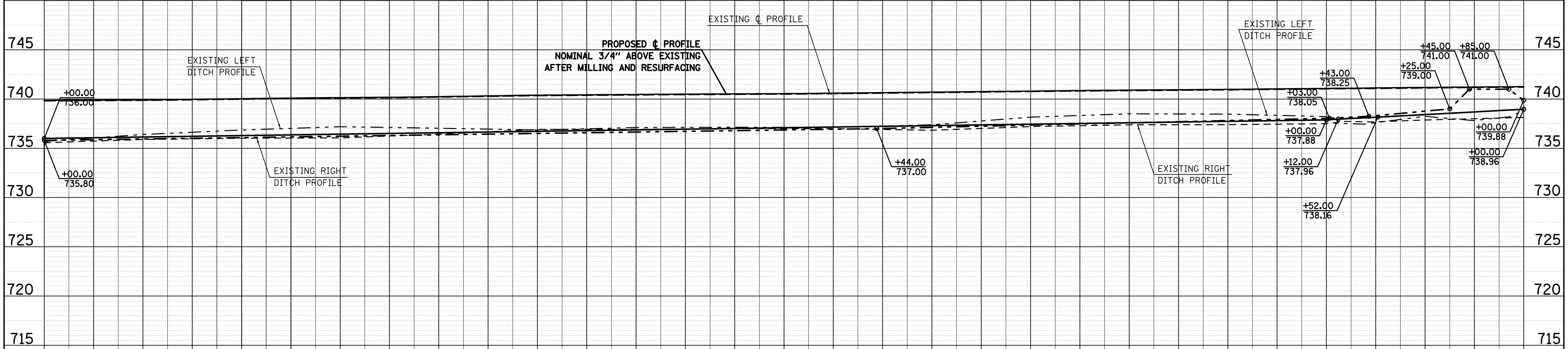
▨ = INCIDENTAL HOT-MIX ASPHALT SURFACING
▒ = AGGREGATE SURFACE COURSE, TYPE B
-◇- = TEMPORARY DITCH CHECK
⊠ = TEMPORARY INLET AND PIPE PROTECTION

SEC. 11, T. 21N, R. 7E OF 3RD P.M.



NOTES:
1. PRECISE DEPTH AND LOCATION OF EXISTING FIELD TILE IN THIS AREA IS UNKNOWN. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND THE PROPERTY OWNERS TO HAVE EXISTING TILE LOCATED.

SEC. 11, T. 21N, R. 7E OF 3RD P.M.



	414+00		415+00		416+00		417+00		418+00		419+00		420+00		421+00		422+00		423+00		424+00		425+00		426+00		427+00		428+00		429+00
EXIST. & PROP. RIGHT DITCH	736.00	735.73 736.07	735.90 736.14	735.96 736.21	736.02 736.29	736.04 736.36	736.07 736.43	736.25 736.50	736.43 736.58	736.67 736.65	736.91 736.72	736.92 736.79	736.93 736.87	736.96 736.94	736.99 737.01	736.99 737.08	736.99 737.16	736.91 737.23	736.83 737.30	737.02 737.37	737.20 737.45	737.29 737.52	737.38 737.59	737.39 737.66	737.40 737.74	737.44 737.81	737.49 737.88	737.69 738.15	737.87 738.42	738.00 738.69	738.14 738.96
EXIST. & PROP. LEFT DITCH	735.80	736.05 735.87	736.39 735.94	736.63 736.01	736.86 736.08	737.03 736.16	737.19 736.23	737.11 736.30	737.03 736.37	736.94 736.44	736.85 736.51	736.98 736.58	737.11 736.65	737.12 736.72	737.13 736.80	737.13 736.87	737.12 736.94	737.25 737.01	737.38 737.13	737.77 737.24	738.16 737.36	738.33 737.47	738.50 737.59	738.49 737.70	738.47 737.81	738.34 737.93	738.21 738.04	737.60 738.31	738.24 738.77	737.82 741.00	738.86 739.88
EX. ROAD C/L		739.82	739.85	739.90	739.97	740.03	740.08	740.11	740.18	740.25	740.32	740.36	740.40	740.43	740.46	740.48	740.53	740.58	740.64	740.69	740.74	740.80	740.84	740.88	740.91	740.96	741.02	741.06	741.11	741.15	741.20

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHK'D
BY
DATE

FILE NAME =	USER NAME = cearlockbm	DESIGNED - MLB	REVISED -
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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 25 OF 32 SHEETS | STA. 414+00.00 TO STA. 429+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	141

CONTRACT NO. 70844

ILLINOIS | FED. AID PROJECT

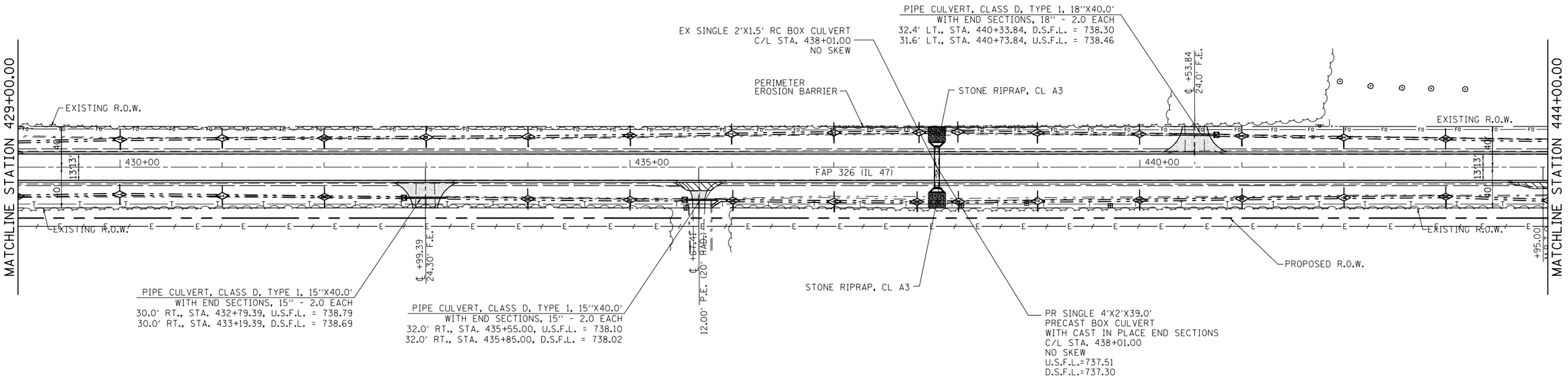
= INCIDENTAL HOT-MIX ASPHALT SURFACING

= AGGREGATE SURFACE COURSE, TYPE B

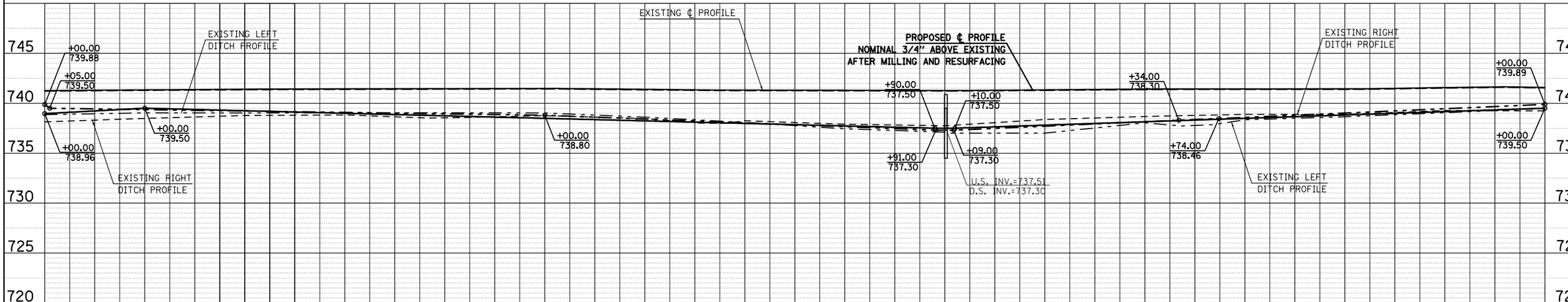
= TEMPORARY DITCH CHECK

= TEMPORARY INLET AND PIPE PROTECTION

SEC. 11, T. 21N, R. 7E OF 3RD P.M.



SEC. 11, T. 21N, R. 7E OF 3RD P.M.



	429+00	430+00	431+00	432+00	433+00	434+00	435+00	436+00	437+00	438+00	439+00	440+00	441+00	442+00	443+00	444+00
EXIST. & PROP. RIGHT DITCH	738.96	738.31 739.23	738.48 739.50	738.63 739.37	738.77 739.25	738.80 739.12	738.83 738.99	738.65 738.87	738.54 738.74	738.64 738.61	738.76 738.49	738.62 738.36	738.47 738.23	738.06 738.11	738.24 737.98	738.07 737.85
EXIST. & PROP. LEFT DITCH	739.88	738.95 739.44	739.04 739.37	739.03 739.29	739.02 739.22	739.02 739.15	739.03 739.08	739.04 739.01	739.05 738.94	739.03 738.87	739.02 738.80	738.81 738.61	738.61 738.42	738.35 738.22	738.08 738.03	737.76 737.84
EX. ROAD C/L		741.24	741.27	741.30	741.33	741.36	741.37	741.38	741.39	741.40	741.41	741.38	741.33	741.27	741.25	741.24

	438+00	439+00	440+00	441+00	442+00	443+00	444+00
EXIST. & PROP. RIGHT DITCH	737.90 737.73	737.83 737.60	737.75 737.50	738.06 737.64	738.37 737.81	738.52 737.97	738.68 738.14
EXIST. & PROP. LEFT DITCH	737.44 737.65	737.27 737.46	737.10 737.30	737.01 737.48	737.01 737.70	737.52 737.93	738.03 738.15
EX. ROAD C/L	741.23	741.22	741.21	741.23	741.27	741.31	741.35

	441+00	442+00	443+00	444+00
EXIST. & PROP. RIGHT DITCH	738.78 738.31	738.88 738.48	738.88 738.65	738.88 738.82	739.08 738.99	739.27 739.16	739.25 739.33	739.23 739.50
EXIST. & PROP. LEFT DITCH	738.78 738.36	738.34 738.57	738.49 738.79	738.65 739.01	738.85 739.23	739.05 739.45	739.27 739.67	739.48 739.89
EX. ROAD C/L	741.36	741.37	741.37	741.38	741.43	741.50	741.57	741.51

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		DRAWN - MLB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 26 OF 32 SHEETS | STA. 429+00.00 TO STA. 444+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	142

CONTRACT NO. 70844

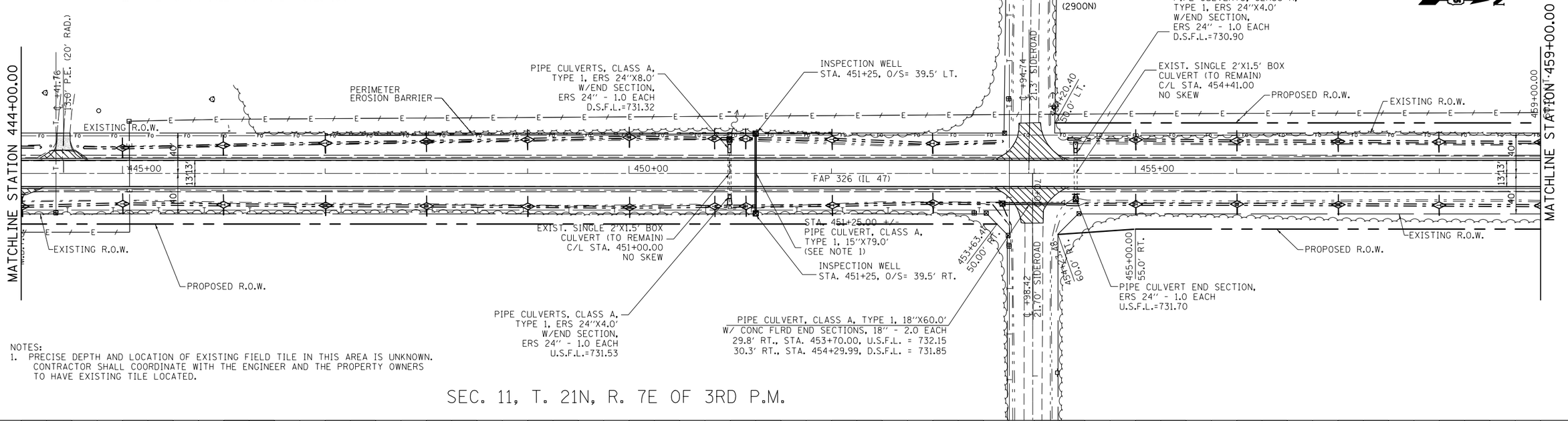
ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK / NO. / BY / DATE

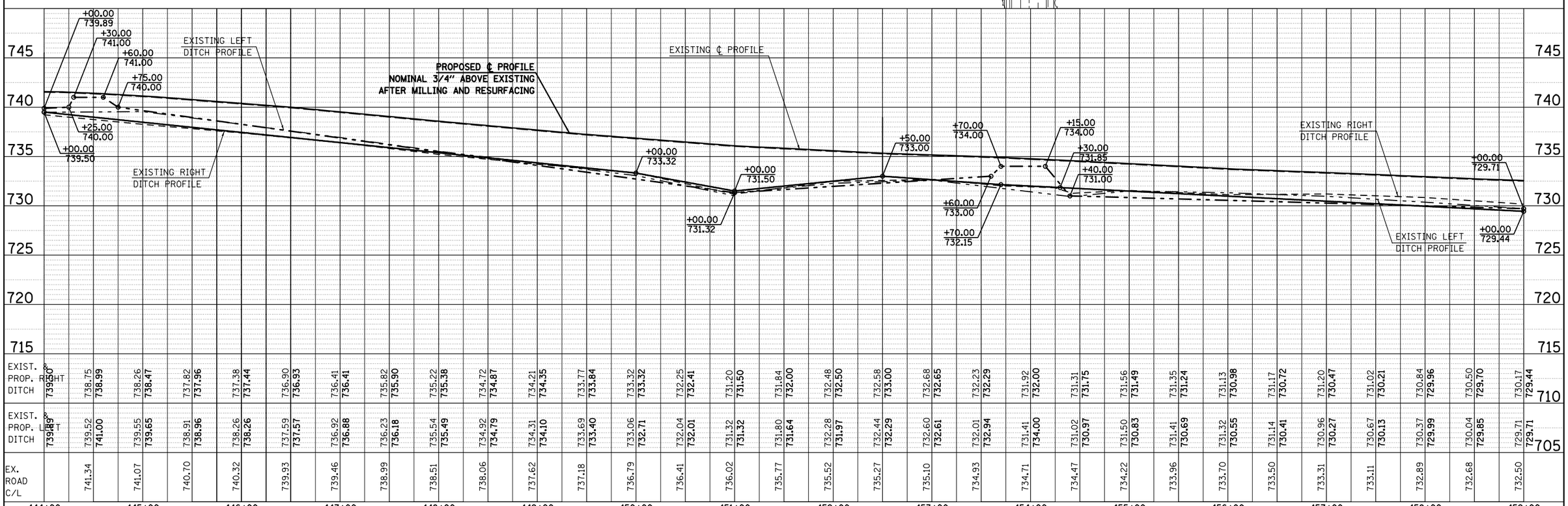
= INCIDENTAL HOT-MIX ASPHALT SURFACING
= AGGREGATE SURFACE COURSE, TYPE B
= TEMPORARY DITCH CHECK
= TEMPORARY INLET AND PIPE PROTECTION

SEC. 11, T. 21N, R. 7E OF 3RD P.M.



NOTES:
1. PRECISE DEPTH AND LOCATION OF EXISTING FIELD TILE IN THIS AREA IS UNKNOWN. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND THE PROPERTY OWNERS TO HAVE EXISTING TILE LOCATED.

SEC. 11, T. 21N, R. 7E OF 3RD P.M.



	444+00	445+00	446+00	447+00	448+00	449+00	450+00	451+00	452+00	453+00	454+00	455+00	456+00	457+00	458+00	459+00
EXIST. & PROP. RIGHT DITCH	739.50	738.75 738.99	738.26 738.47	737.82 737.96	737.38 737.44	736.90 736.93	736.41 736.41	735.82 735.90	735.22 735.38	734.72 734.87	734.21 734.35	733.77 733.84	733.32 733.32	732.25 732.41	731.20 731.50	731.84 732.00
EXIST. & PROP. LEFT DITCH	739.89	739.52 741.00	739.55 739.65	738.91 738.96	738.26 738.26	737.59 737.57	736.92 736.88	736.23 736.18	735.54 735.49	734.92 734.79	734.31 734.10	733.69 733.40	733.06 732.71	732.04 732.01	731.32 731.32	731.80 731.64
EX. ROAD C/L		741.34	741.07	740.70	740.32	739.93	739.46	738.99	738.51	738.06	737.62	737.18	736.79	736.41	736.02	735.77

	444+00	445+00	446+00	447+00	448+00	449+00	450+00	451+00	452+00	453+00	454+00	455+00	456+00	457+00	458+00	459+00
EXIST. & PROP. RIGHT DITCH	732.48 732.50	732.58 733.00	732.68 732.65	732.23 732.29	731.92 732.00	731.31 731.75	731.56 731.49	731.35 731.24	731.13 730.98	731.17 730.72	731.20 730.47	731.02 730.21	730.84 729.96	730.50 729.70	730.17 729.44
EXIST. & PROP. LEFT DITCH	732.28 731.97	732.44 732.29	732.60 732.61	732.01 732.94	731.41 734.00	731.02 730.97	731.50 730.83	731.41 730.69	731.32 730.55	731.14 730.41	730.96 730.27	730.67 730.13	730.37 729.99	730.04 729.85	729.71 729.71
EX. ROAD C/L	735.52	735.27	735.10	734.93	734.71	734.47	734.22	733.96	733.70	733.50	733.31	733.11	732.89	732.68	732.50

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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 27 OF 32 SHEETS | STA. 444+00.00 TO STA. 459+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	143

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

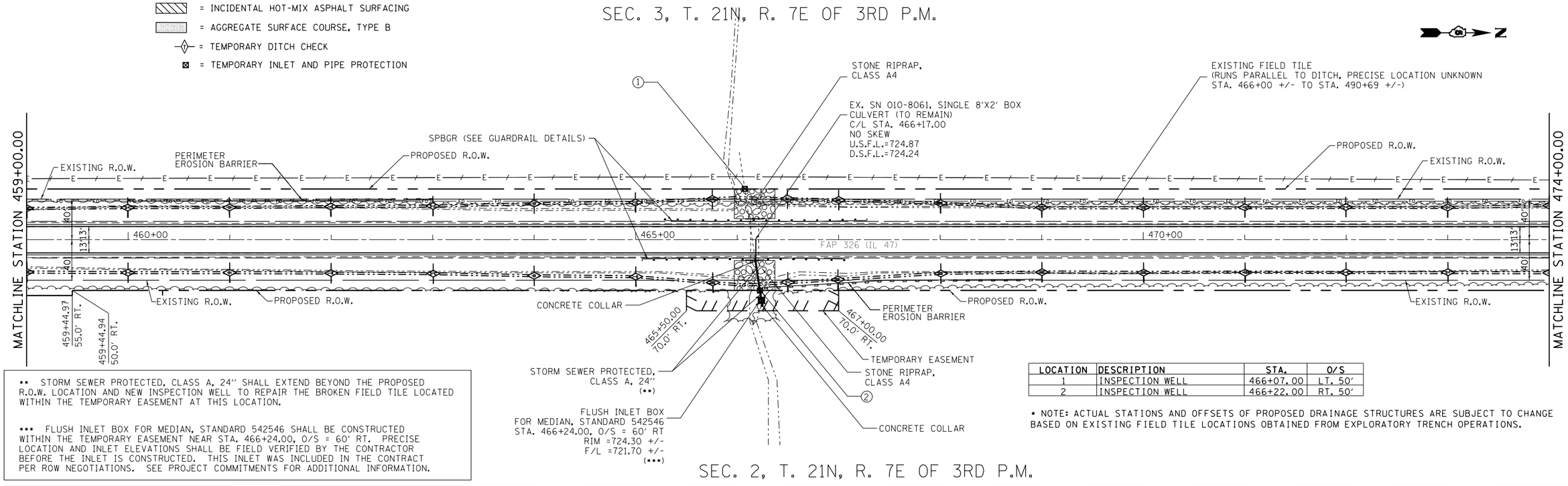
PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTAT'NS CHK'D / NOTE BOOK NO. / BY / DATE

= INCIDENTAL HOT-MIX ASPHALT SURFACING

= AGGREGATE SURFACE COURSE, TYPE B

= TEMPORARY DITCH CHECK

= TEMPORARY INLET AND PIPE PROTECTION

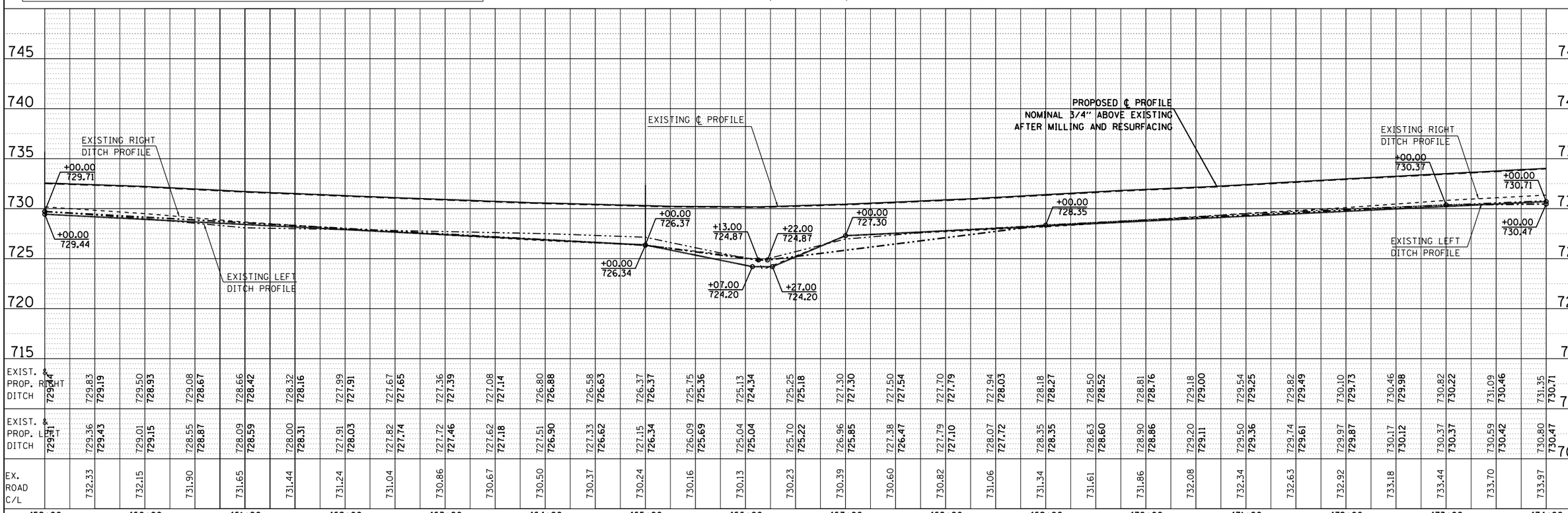


•• STORM SEWER PROTECTED, CLASS A, 24" SHALL EXTEND BEYOND THE PROPOSED R.O.W. LOCATION AND NEW INSPECTION WELL TO REPAIR THE BROKEN FIELD TILE LOCATED WITHIN THE TEMPORARY EASEMENT AT THIS LOCATION.

••• FLUSH INLET BOX FOR MEDIAN, STANDARD 542546 SHALL BE CONSTRUCTED WITHIN THE TEMPORARY EASEMENT NEAR STA. 466+24.00, O/S = 60' RT. PRECISE LOCATION AND INLET ELEVATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INLET IS CONSTRUCTED. THIS INLET WAS INCLUDED IN THE CONTRACT PER ROW NEGOTIATIONS. SEE PROJECT COMMITMENTS FOR ADDITIONAL INFORMATION.

LOCATION	DESCRIPTION	STA.	O/S
1	INSPECTION WELL	466+07.00	LT. 50'
2	INSPECTION WELL	466+22.00	RT. 50'

• NOTE: ACTUAL STATIONS AND OFFSETS OF PROPOSED DRAINAGE STRUCTURES ARE SUBJECT TO CHANGE BASED ON EXISTING FIELD TILE LOCATIONS OBTAINED FROM EXPLORATORY TRENCH OPERATIONS.



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	PLOT DATE = 11/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 28 OF 32 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	144

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

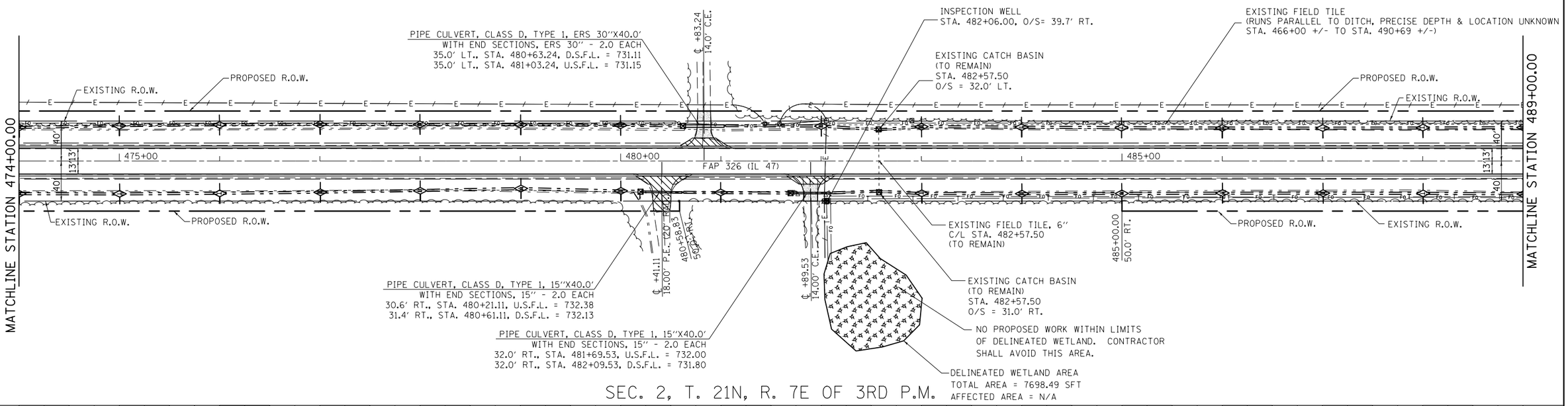
= INCIDENTAL HOT-MIX ASPHALT SURFACING

= AGGREGATE SURFACE COURSE, TYPE B

= TEMPORARY DITCH CHECK

= TEMPORARY INLET AND PIPE PROTECTION

SEC. 3, T. 21N, R. 7E OF 3RD P.M.



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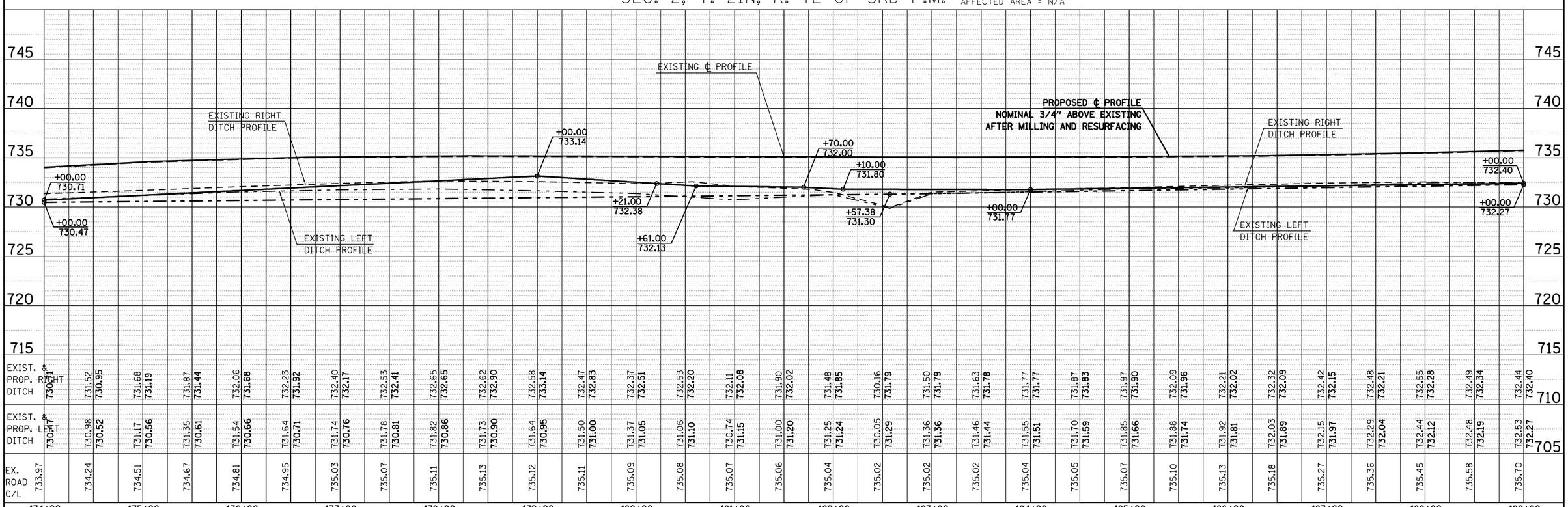

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		DRAWN - MLB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 29 OF 32 SHEETS | STA. | TO STA.

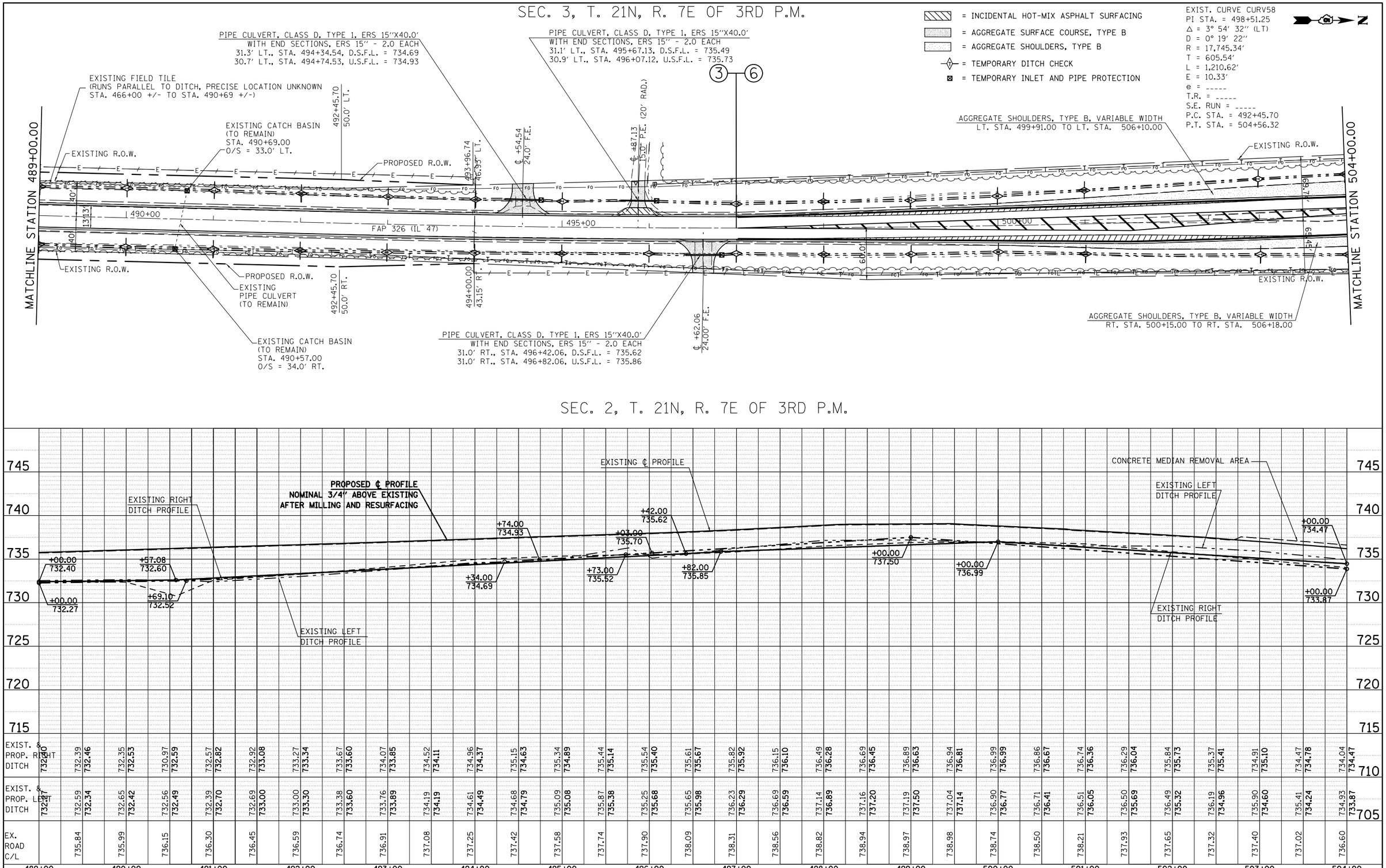
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	145

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD — NOTE BOOK NO. — BY — DATE



PLAN
NOTE BOOK NO. ____
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO. ____
SURVEYED
PLOTTED
GRADES CHECKED
BLDG. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-plnpr50.dgn	USER NAME = cearlockbm	DESIGNED - MLB	REVISED -
		DRAWN - MLB	REVISED -
	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

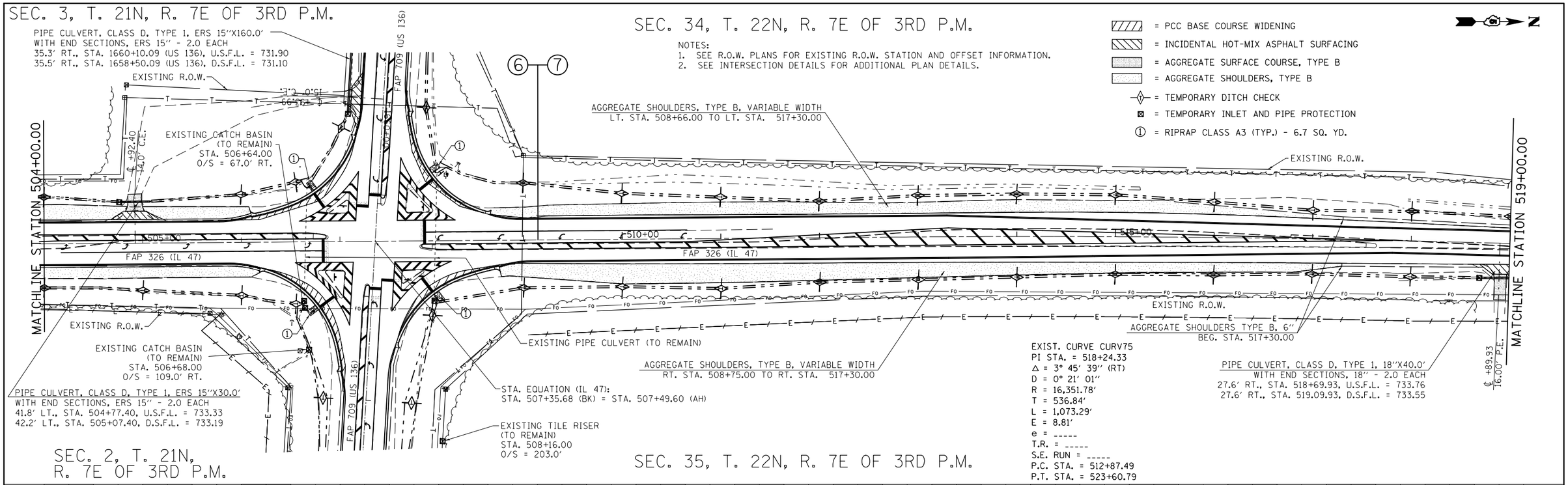
PLAN & PROFILE SHEET

SCALE: 1″=50′ | SHEET NO. 30 OF 32 SHEETS | STA. 489+00.00 TO STA. 504+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	146

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



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		DRAWN - MLB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 31 OF 32 SHEETS | STA. 504+00.00 TO STA. 519+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	147

CONTRACT NO. 70844

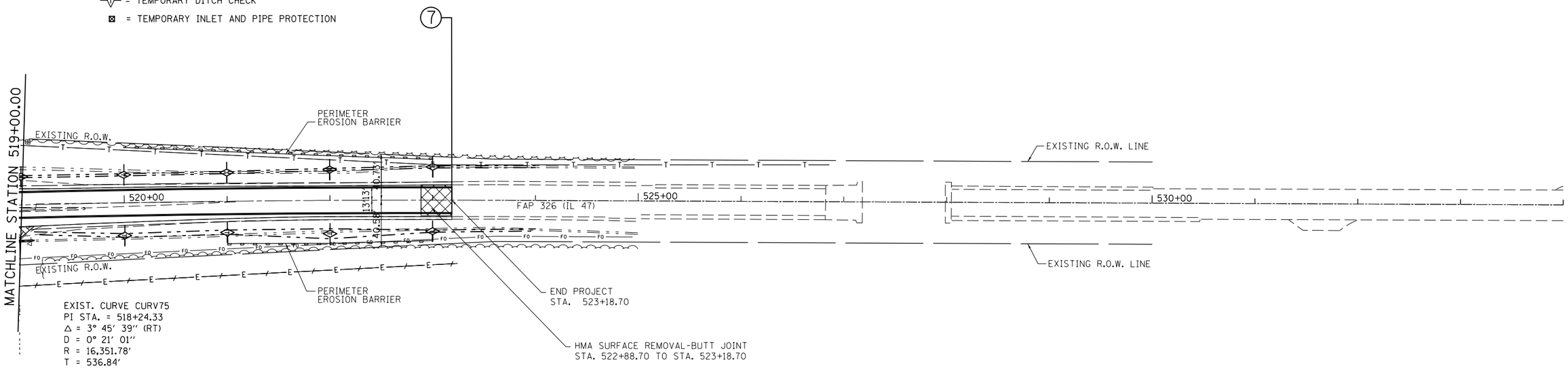
ILLINOIS FED. AID PROJECT

PLAN: SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK NO. | BY | DATE

PROFILE: SURVEYED | PLOTTED | GRADES CHECKED | BM. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK NO. | BY | DATE

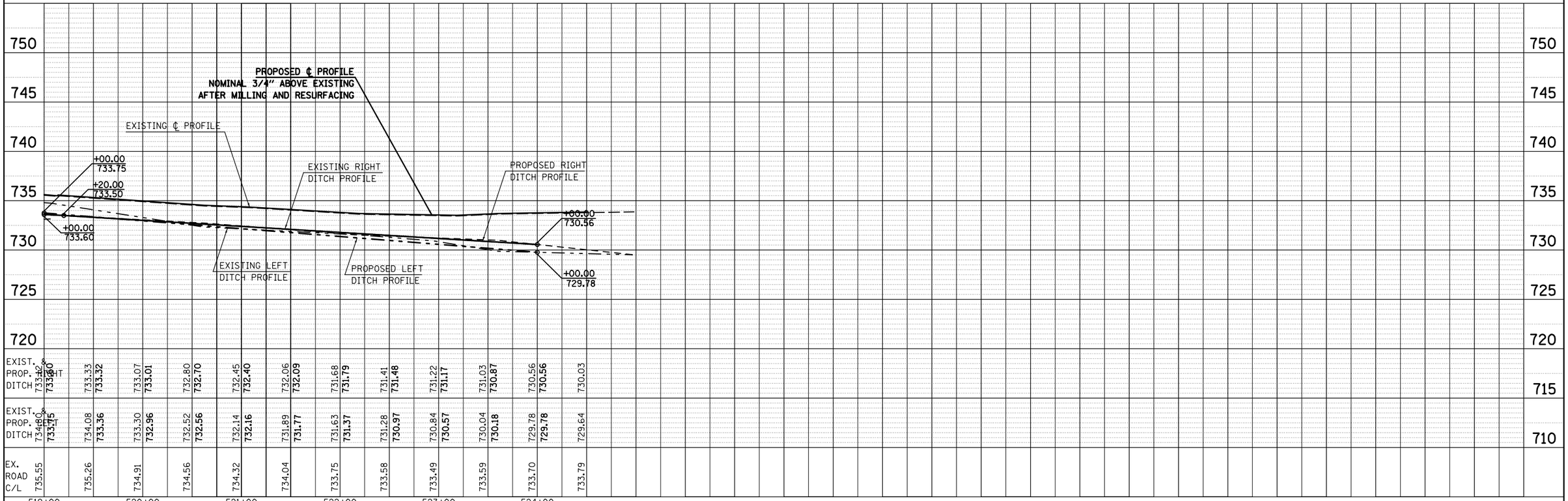
= INCIDENTAL HOT-MIX ASPHALT SURFACING
= AGGREGATE SURFACE COURSE, TYPE B
= TEMPORARY DITCH CHECK
= TEMPORARY INLET AND PIPE PROTECTION

SEC. 34, T. 22N, R. 7E OF 3RD P.M.



EXIST. CURVE CURV75
PI STA. = 518+24.33
Δ = 3° 45′ 39″ (RT)
D = 0° 21′ 01″
R = 16,351.78′
T = 536.84′
L = 1,073.29′
E = 8.81′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 512+87.49
P.T. STA. = 523+60.79

SEC. 34, T. 22N, R. 7E OF 3RD P.M.



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		DRAWN - MLB	REVISED -
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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET

SCALE: 1″=50′ | SHEET NO. 32 OF 32 SHEETS | STA. 519+00.00 TO STA. 534+00.00

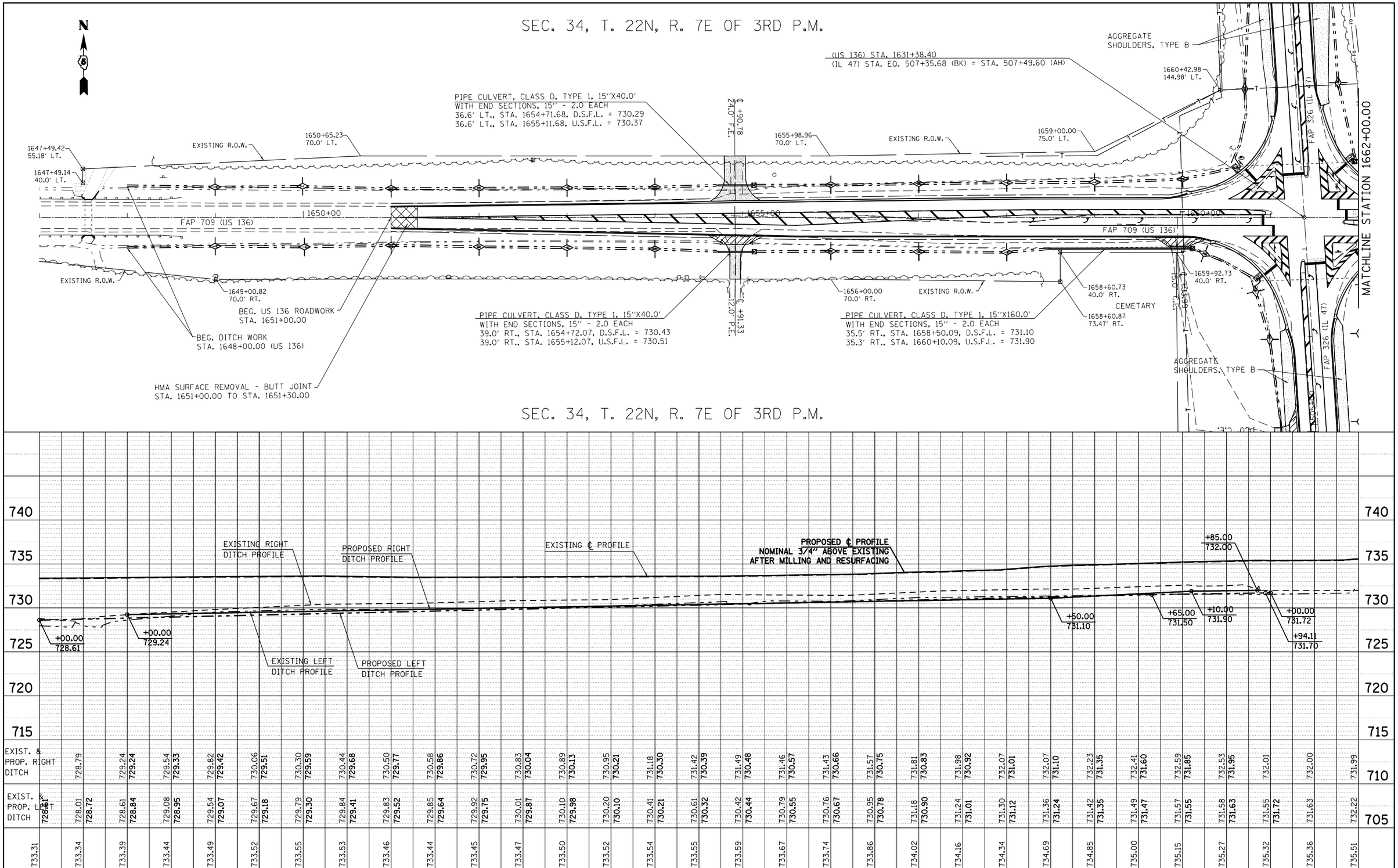
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	148

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

PLAN: NOTE BOOK NO. ____ | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | BY | DATE

PROFILE: NOTE BOOK NO. ____ | SURVEYED | PLOTTED | PROFILE CHECKED | BM. NOTED | STRUCTURE NOTATNS CHKD | BY | DATE



PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

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		DRAWN -	REVISED -
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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET
US 136

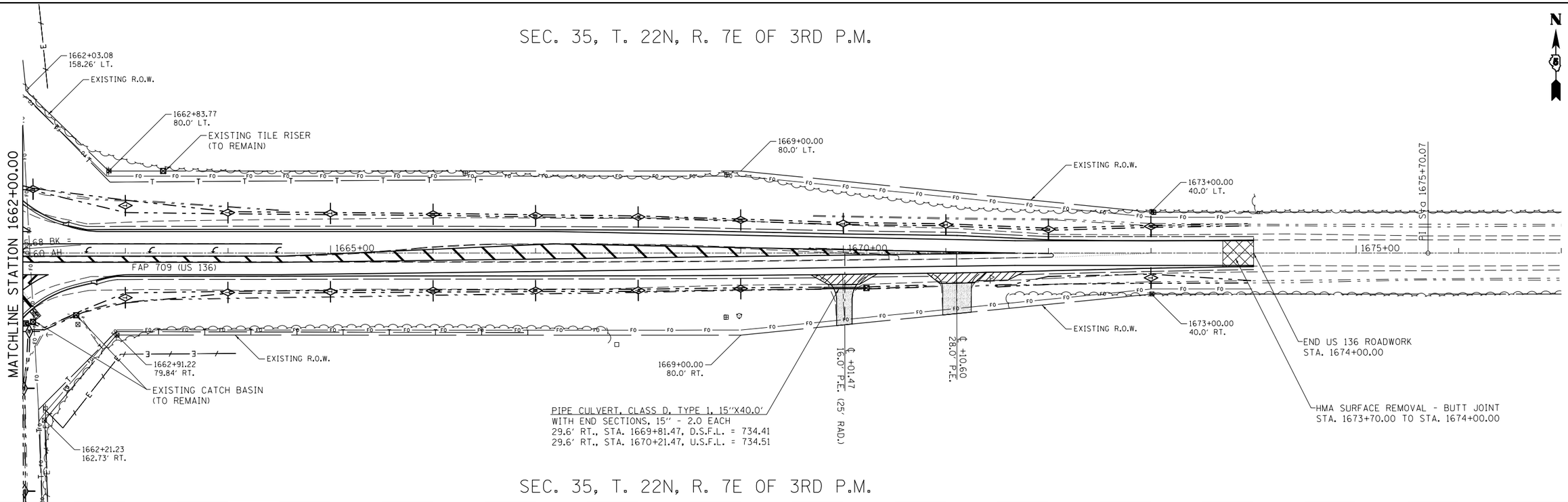
SCALE: 1" = 50' | SHEET 01 OF 02 SHEETS | STA. 1647+00 TO STA. 1662+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	149

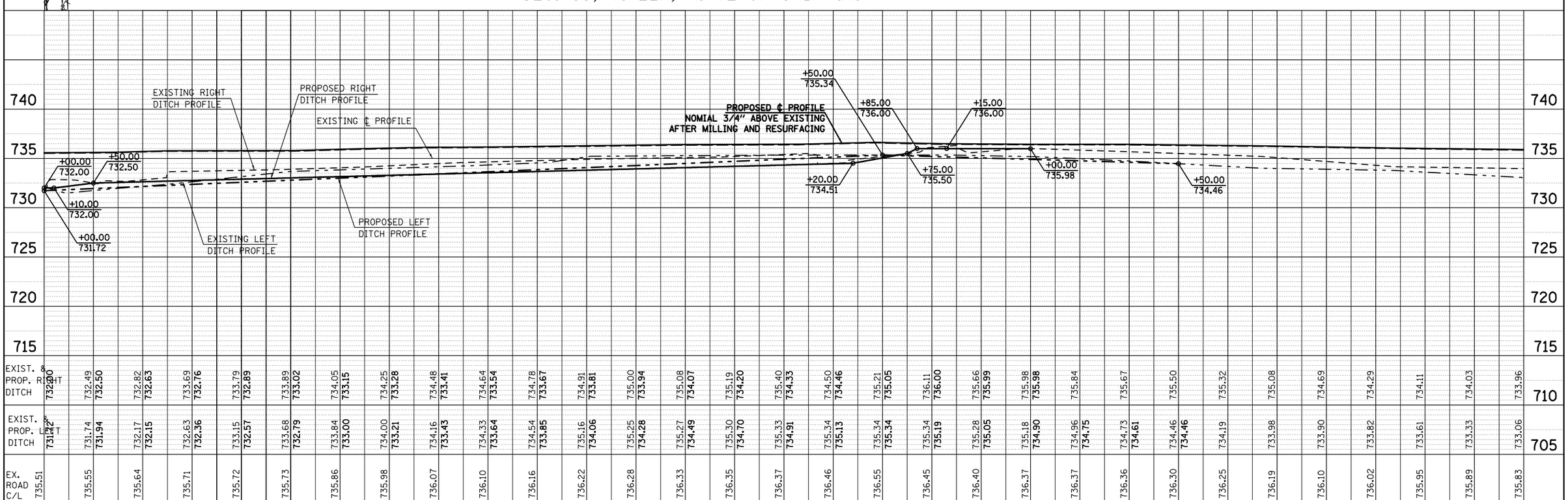
CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

SEC. 35, T. 22N, R. 7E OF 3RD P.M.



SEC. 35, T. 22N, R. 7E OF 3RD P.M.



PLAN		BY	DATE
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
BM. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK NO.			

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		DRAWN -	REVISED -
$MODELNAME$	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

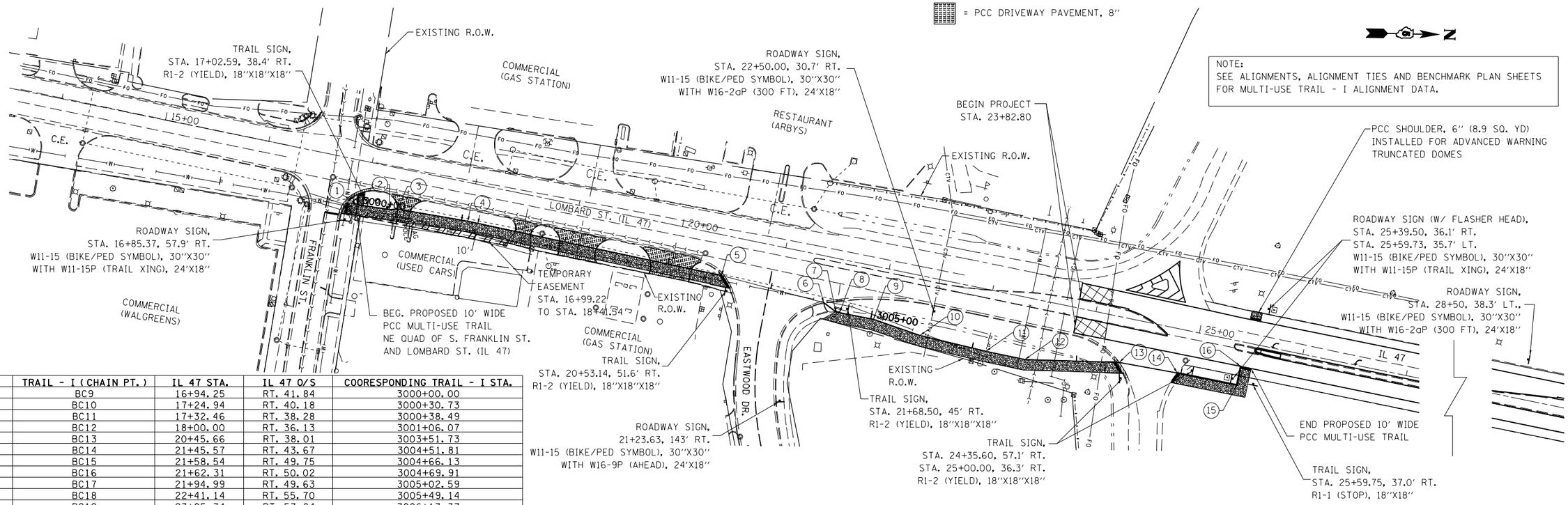
PLAN & PROFILE SHEET
US 136

SCALE: 1" = 50' | SHEET 02 OF 02 SHEETS | STA. 1662+00 TO STA. 1677+00

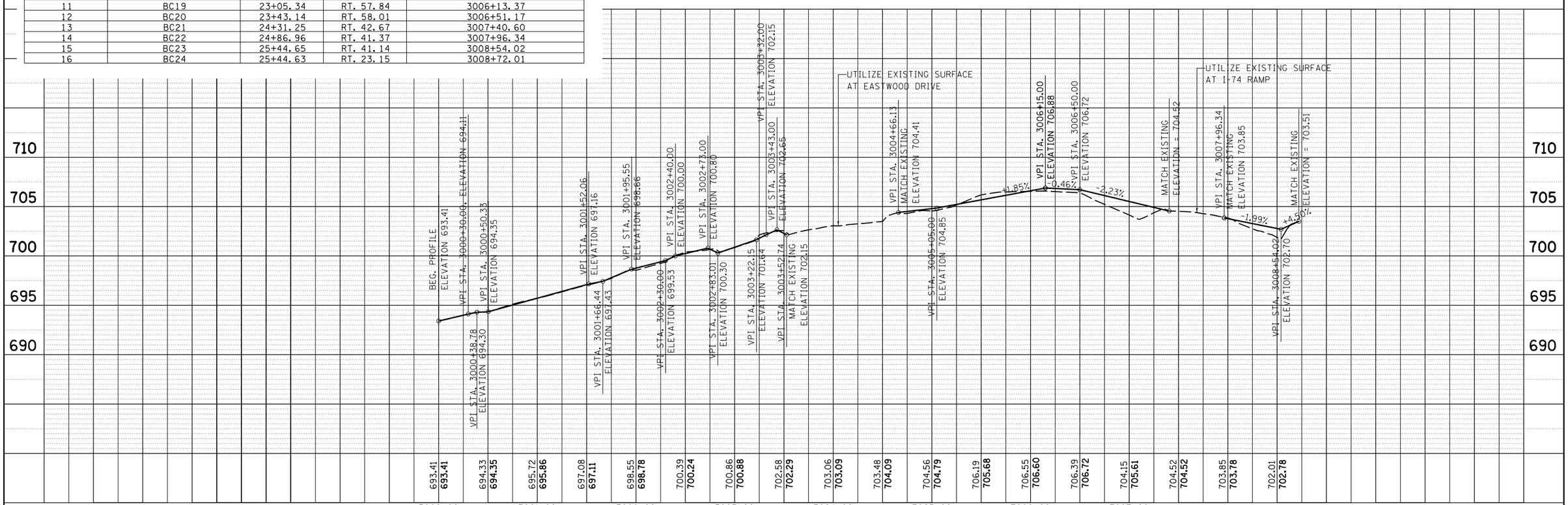
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS	CHAMPAIGN	474	150

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



LOCATION	TRAIL - I (CHAIN PT.)	IL 47 STA.	IL 47 O/S	COORESPONDING TRAIL - I STA.
1	BC9	16+94.25	RT. 41.84	3000+00.00
2	BC10	17+24.94	RT. 40.18	3000+30.73
3	BC11	17+32.46	RT. 38.28	3000+38.49
4	BC12	18+00.00	RT. 36.13	3001+06.07
5	BC13	20+45.66	RT. 38.01	3003+51.73
6	BC14	21+45.57	RT. 43.67	3004+51.81
7	BC15	21+58.54	RT. 49.75	3004+66.13
8	BC16	21+62.31	RT. 50.02	3004+69.91
9	BC17	21+94.99	RT. 49.63	3005+02.59
10	BC18	22+41.14	RT. 55.70	3005+49.14
11	BC19	23+05.34	RT. 57.84	3006+13.37
12	BC20	23+43.14	RT. 58.01	3006+51.17
13	BC21	24+31.25	RT. 42.67	3007+40.60
14	BC22	24+86.96	RT. 41.37	3007+96.34
15	BC23	25+44.65	RT. 41.14	3008+54.02
16	BC24	25+44.63	RT. 23.15	3008+72.01



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. ____ / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. ____ / BY / DATE

FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\d570844-sht-plnprf-bike trail (east side).dgn.dgn	USER NAME = cearlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN -	REVISED -	
$MODELNAME$	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
	PLOT DATE = 10/10/2014	DATE -	REVISED -	

PLAN AND PROFILE
MULTI-USE TRAIL – I

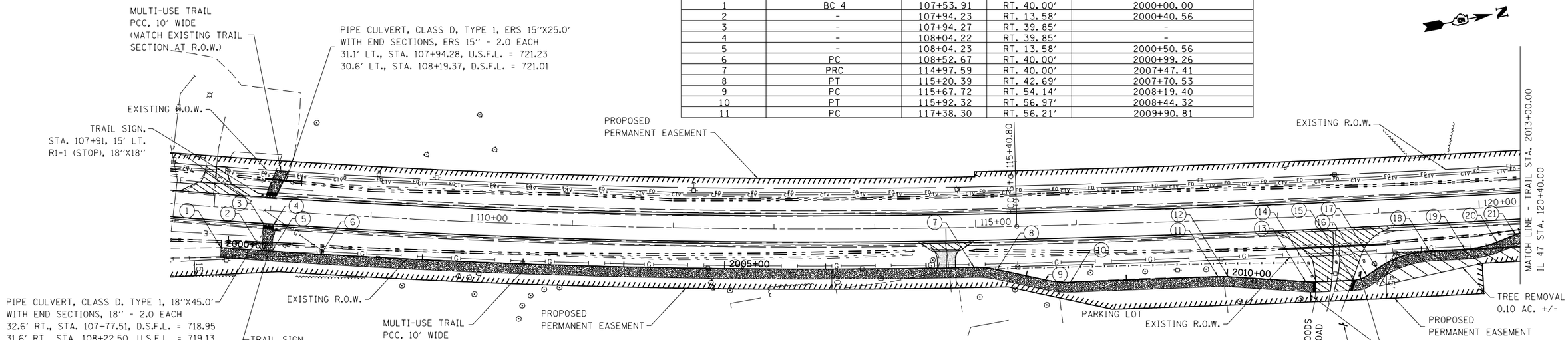
SCALE: 1" = 50' | SHEET 1 OF 1 SHEETS | STA.---- TO STA.----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR &(10-4)RS-1	CHAMPAIGN	474	151

CONTRACT NO. 70844

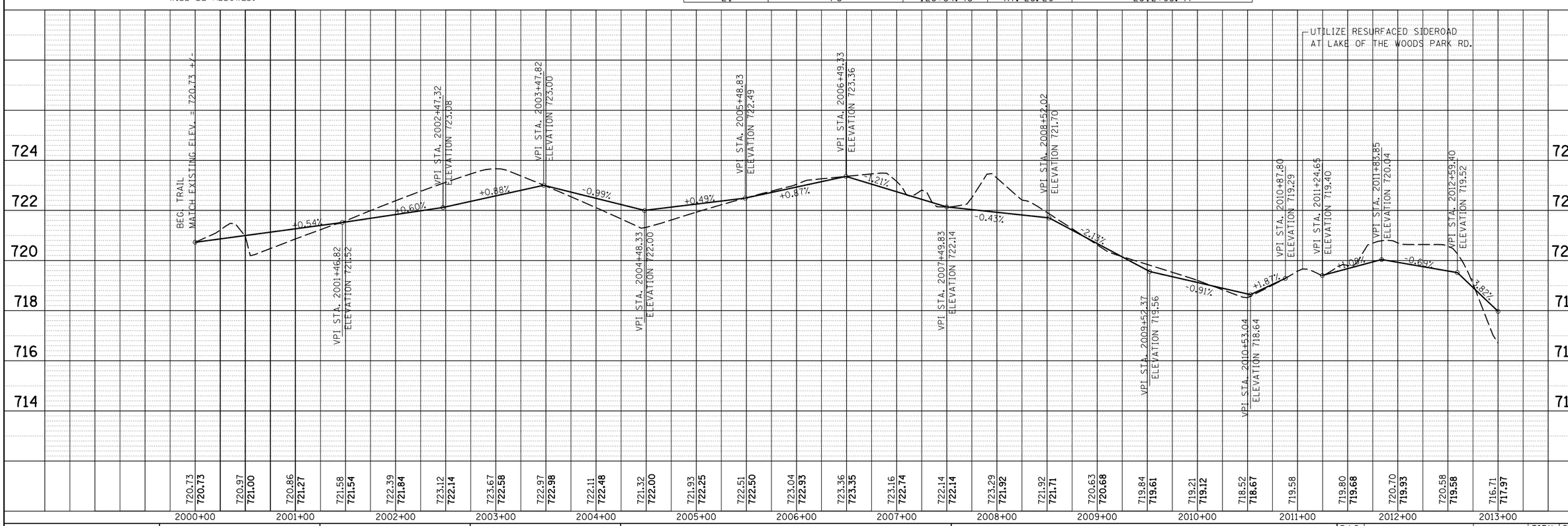
ILLINOIS FED. AID PROJECT

LOCATION	TRAIL - C (CHAIN PT.)	IL 47 STA.	IL 47 O/S	COORESPONDING STA. - TRAIL - C
1	BC 4	107+53.91	RT. 40.00′	2000+00.00
2	-	107+94.23	RT. 13.58′	2000+40.56
3	-	107+94.27	RT. 39.85′	-
4	-	108+04.22	RT. 39.85′	-
5	-	108+04.23	RT. 13.58′	2000+50.56
6	PC	108+52.67	RT. 40.00′	2000+99.26
7	PRC	114+97.59	RT. 40.00′	2007+47.41
8	PT	115+20.39	RT. 42.69′	2007+70.53
9	PC	115+67.72	RT. 54.14′	2008+19.40
10	PT	115+92.32	RT. 56.97′	2008+44.32
11	PC	117+38.30	RT. 56.21′	2009+90.81



LOCATION	TRAIL - C (CHAIN PT.)	IL 47 STA.	IL 47 O/S	COORESPONDING STA. - TRAIL - C
12	PT	117+48.61	RT. 56.75′	2010+01.17
13	PC	118+24.99	RT. 64.91′	2010+78.27
14	PT	118+35.91	RT. 65.50′	2010+89.26
15	PC	118+72.24	RT. 65.51	2011+25.74
16	PT	118+85.56	RT. 61.66′	2011+39.84
17	PC	118+95.76	RT. 55.23′	2011+51.93
18	PT	119+48.40	RT. 39.98′	2012+07.60
19	PC	119+83.44	RT. 39.97	2012+42.73
20	PT	120+15.92	RT. 34.60′	2012+75.87
21	PC	120+34.43	RT. 28.29′	2012+95.47

NOTE:
CONTRACTOR SHALL REMOVE AND RE-INSTALL THE EXISTING BREAK-AWAY BOLLARDS LOCATED AT THE EXISING IL 47 TRAIL CROSSING LOCATION. COST OF WORK ASSOCIATED WITH THIS SHALL BE CONSIDERED INCIDENTAL TO OTHER VARIOUS TRAIL - C PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\d570844-sht-plnprf-bike trail (east side).dgn	USER NAME = cearlockbm	DESIGNED -	REVISED -
		DRAWN -	REVISED -
$MODELNAME$	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
MULTI-USE TRAIL - C

SCALE: 1″ = 50′ | SHEET 1 OF 2 SHEETS | STA. 2000+00.00 TO STA. 2013+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR &(10-4)RS-1	CHAMPAIGN	474	152

CONTRACT NO. 70844

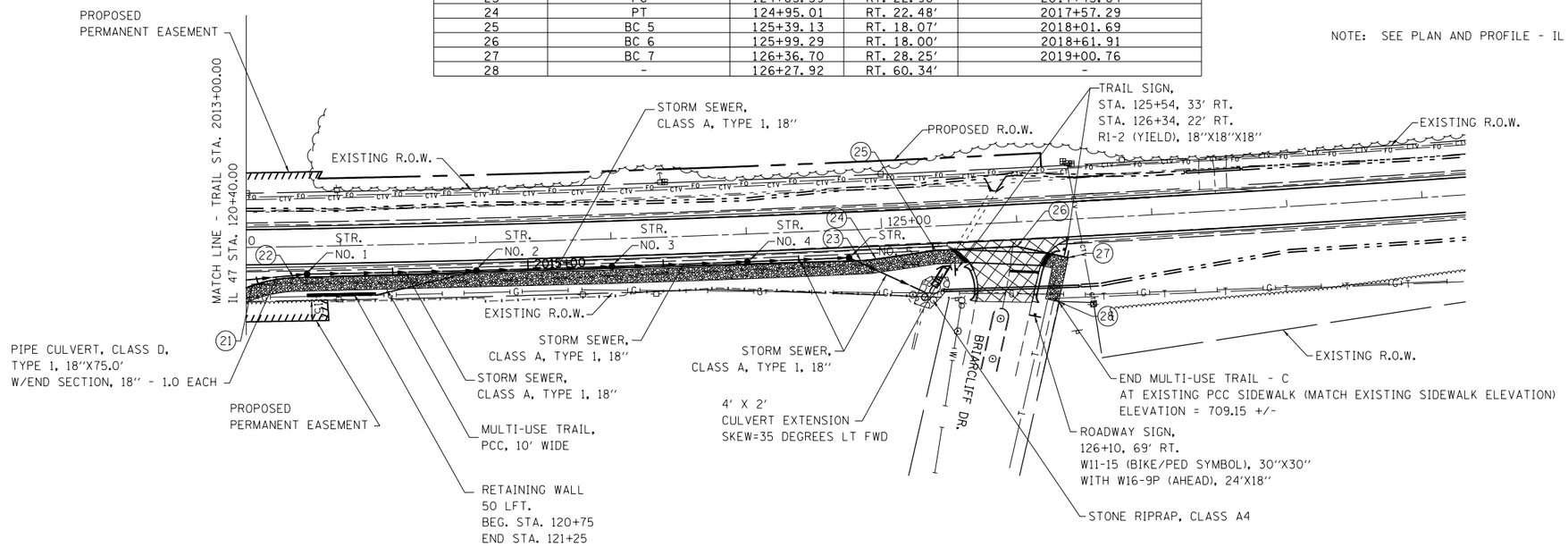
ILLINOIS FED. AID PROJECT

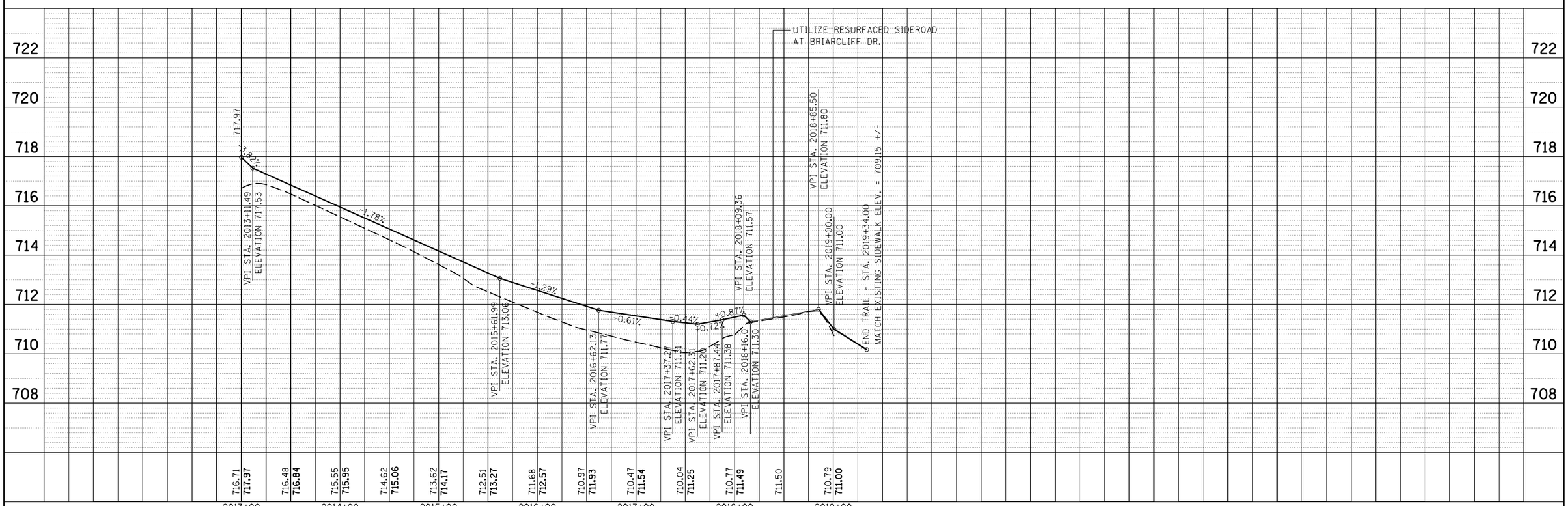
PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. ____ / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. ____ / BY / DATE

LOCATION	TRAIL - C (CHAIN PT.)	IL 47 STA.	IL 47 O/S	COORESPONDING STA. - TRAIL - C
21	PC	120+34.43	RT. 28.29′	2012+95.47
22	PT	120+65.04	RT. 23.02′	2013+26.70
23	PC	124+83.59	RT. 22.98′	2017+45.84
24	PT	124+95.01	RT. 22.48′	2017+57.29
25	BC 5	125+39.13	RT. 18.07′	2018+01.69
26	BC 6	125+99.29	RT. 18.00′	2018+61.91
27	BC 7	126+36.70	RT. 28.25′	2019+00.76
28	-	126+27.92	RT. 60.34′	-

NOTE: SEE PLAN AND PROFILE - IL 47 SHEETS FOR PROPOSED STRUCTURE TABLE AND DATA.





PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. ____ / BY / DATE

PROFILE — SURVEYED / PLOTTED / PROFILE CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. ____ / BY / DATE

FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\d70844-sht-plnprf-bike trail (east side).dgn	USER NAME = cearlockbm	DESIGNED -	REVISED -
		DRAWN -	REVISED -
$MODELNAME$	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
MULTI-USE TRAIL - C

SCALE: 1″ = 50′ | SHEET 2 OF 2 SHEETS | STA. 2013+00.00 TO STA. 2019+34.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	153

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 326 (IL 47)	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	16	1
F.H.W.A. REG.	ILLINOIS	PROJECT		

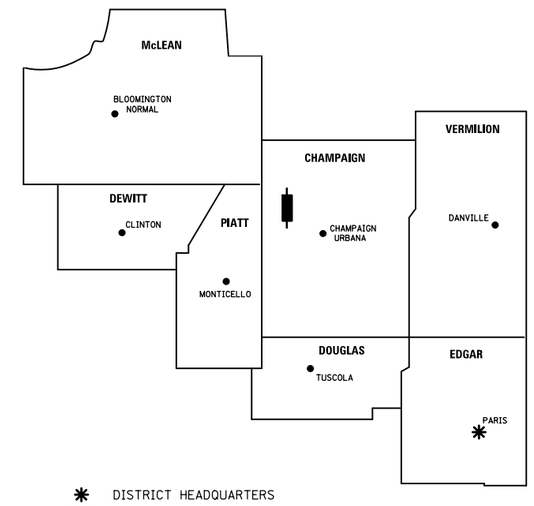
CONTRACT NO. 70844

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

RIGHT OF WAY PLANS
FOR PROPOSED
FEDERAL AID HIGHWAY

FAP 326 (IL 47)
SECTION 136RS–3, CR & (10–4)RS–1
JOB R–95–077–10
CHAMPAIGN COUNTY

REGION 3 / DISTRICT 5

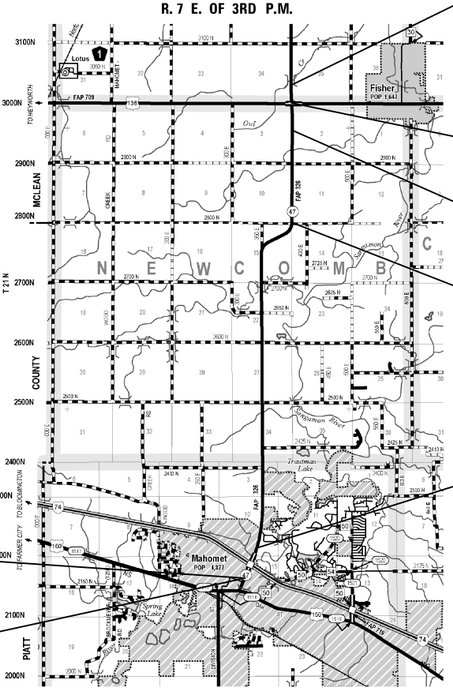


✱ DISTRICT HEADQUARTERS
▬ PROJECT LOCATION

N
NOT TO SCALE

R. 7 E. OF 3RD P.M.

T. 22 N.
T. 21 N.
T. 20 N.



CONSTRUCTION SECTION ENDS
STATION 523 + 18.80

STATION EQUATION:
STATION 507 + 35.68 (BK.) =
STATION 507 + 49.60 (AH)

LAND ACQUISITION PROJECT
ENDS STATION 494 + 00.00

STATION EQUATION:
STATION 406 + 69.20 (BK.) =
STATION 401 + 00.92 (AH)

STATION EQUATION:
STATION 38 + 72.76 (BK.) =
STATION 97 + 14.44 (AH)

LAND ACQUISITION PROJECT
BEGINS STATION 16 + 99.20

CONSTRUCTION SECTION BEGINS
STATION 16 + 78.43

LENGTH OF LAND ACQUISITION PROJECT = 42427 LIN. FT. = 8.035 MILES

KENNETH W. HACKNEY
3135
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
PARIS, ILLINOIS

THIS IS TO CERTIFY THAT THIS IS A TRUE AND CORRECT SET OF RIGHT OF WAY PLANS MADE UNDER MY DIRECTION FOR THE DIVISION OF HIGHWAYS, STATE OF ILLINOIS.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3135 DATE
LICENSE EXPIRES 11/30/14

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED _____ 20___

KENSIL A. GARNETT, P.E.
ACTING DEPUTY DIRECTOR OF HIGHWAYS
REGION 3 ENGINEER

EXAMINED _____ 20___

DISTRICT CHIEF OF PLATS & PLANS

PASSED _____ 20___

ACTING DISTRICT LAND ACQUISITION ENGINEER

TOTAL SHEETS	SHEET NO.
474	154

NW 1/4 SEC. 15, T. 20 N., R. 7 E. OF 3RD P.M.

N

NOTES

BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)

⊠ RIGHT OF WAY MARKER FOUND

● IRON PIN OR PIPE FOUND

PERMANENT SURVEY MARKER FOUND

EXISTING FENCE

( ) RECORD DATA

FIELD WORK COMPLETED = JAN. 2014

POT STA 3+80.14

LAND ACQUISITION PROJECT BEGINS
STATION 16+99.20

CONSTRUCTION SECTION BEGINS
STATION 16+78.43

VILLAGE OF MAHOMET

SOUTH LINE NW 1/4 SEC. 15-20-7

℄ FAP ROUTE 326 (IL 47)

N 22°42'30" E

SW COR. LOT 37
(16+99.20)
(51.70' RT.)

(18+00.00)
(46.22' RT.)

(18+66.17)
(50.00' RT.)

18+64.37
50.00' RT.

EXIST. R.O.W. LINE

16+99.22
52.19' RT.

FRANKLIN ST.

(66')

(N. LOMBARD ST.)

LOT 37

LOT 38

LOT 39

LOT 40

18+41.54
48.66' RT.
51.46' RT.

C.C.C. HAWES ADDITION TO MIDDLETOWN
(DEED RECORDS BK. "P" PG. 404)

(143.63')

EAST LINE NW 1/4 SEC. 15-20-7

PROPOSED TEMPORARY EASEMENT LINE

FOR REFERENCE:
SEE WARRANTY DEED CORPORATION RECORDED AS DOCUMENT NO. 2005R11232

5770044

EASTWOOD DR.

(60')

SE COR. NW 1/4 SEC. 15-20-7
IRON PIN PER RIGHT OF WAY PLANS KNOWN AS
LAND ACQUISITION PROJECT:
FAS RTE. 1517 (US 150) &
FAP RTE. 326 (IL 47)
SECTION 136RS-4, 137RS-1 & 5RS-3
JOB NO. R-95-060-00
DATED 08/22/2001
ALSO SEE MONUMENT RECORD
RECORDED AS DOCUMENT NO. 87R16906

CONVEYED TO STATE OF ILLINOIS:
SEE CONDEMNATION CASE RECORDED AS
CASE NO. 66-L-103 DATED 01-25-1971
KNOWN AS LAND ACQUISITION PROJECT:
FAI ROUTE 74
SECTION 10-4
JOB NO. R-95-003-64
PARCEL NO. 5034032

(15+16+00.91)

STA. 30+00.00 (IL 47) =
STA. 1518+75.19 (FAI 74)

(79° 03' 00")

℄ FAI ROUTE 74

5

10

15

20

25

35

1510

1515

1520

1525

5770044
SELECT AUTO SALES, INC.,
AN ILLINOIS CORPORATION

PROPOSED TEMPORARY EASEMENT
AREA REQUIRED = 471 SQ. FT.±

PURPOSE OF TEMPORARY EASEMENT: SIDEWALK RECONSTRUCTION AND GRADING

SOUTH LINE NE 1/4 SEC. 15-20-7

NE 1/4 SEC. 15, T. 20 N., R. 7 E. OF 3RD P.M.

SEE SHEET 3

R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

CONTRACT NO. 70844

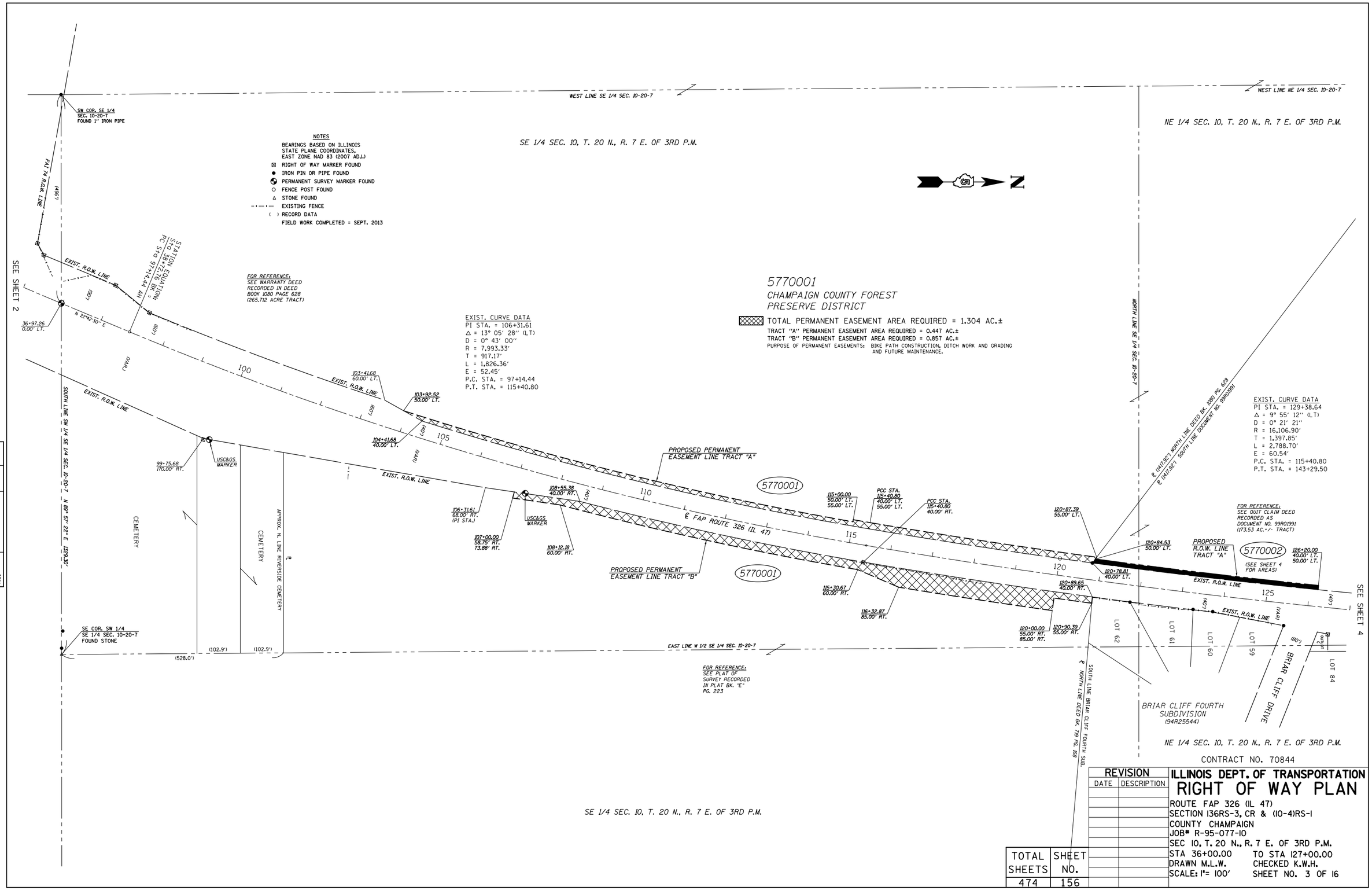
REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 15, T. 20 N., R. 7 E. OF 3RD P.M.
STA 16+99.20 TO STA 36+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 2 OF 16

TOTAL SHEETS	SHEET NO.
474	155



R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 10, T. 20 N., R. 7 E. OF 3RD P.M.
STA 36+00.00 TO STA 127+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 3 OF 16

TOTAL SHEETS	SHEET NO.
474	156

NOTES

BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)

- ⊠ RIGHT OF WAY MARKER FOUND
- ● IRON PIN OR PIPE FOUND
- IDOT VAULT FOUND
- ○ FENCE POST FOUND
- EXISTING FENCE
- ( ) RECORD DATA

FIELD WORK COMPLETED = SEPT. 2013

NE 1/4 SEC. 10, T. 20 N., R. 7 E. OF 3RD P.M.

NW COR. NE 1/4 SEC. 10-20-7 FOUND ROTTEN POST SET IN CONCRETE 1' BELOW SURFACE PER MONUMENT RECORD BK. 1381 PG. 112 AS DOCUMENT NO. 84R18131 (FOUND IP W/ IDOH CAP SET AS WITNESS CORNER)

SE 1/4 SEC. 3, T. 20 N., R. 7 E. OF 3RD P.M.

5770002
JOSEPH M. SIEGMAN
FAMILY LIMITED PARTNERSHIP

TOTAL ROW AREA REQUIRED = 0.184 AC.±
TRACT "A" ROW AREA REQUIRED = 0.123 AC.±
TRACT "B" ROW AREA REQUIRED = 0.061 AC.±
ESTIMATED REMAINING AREA = 53.716 AC.±

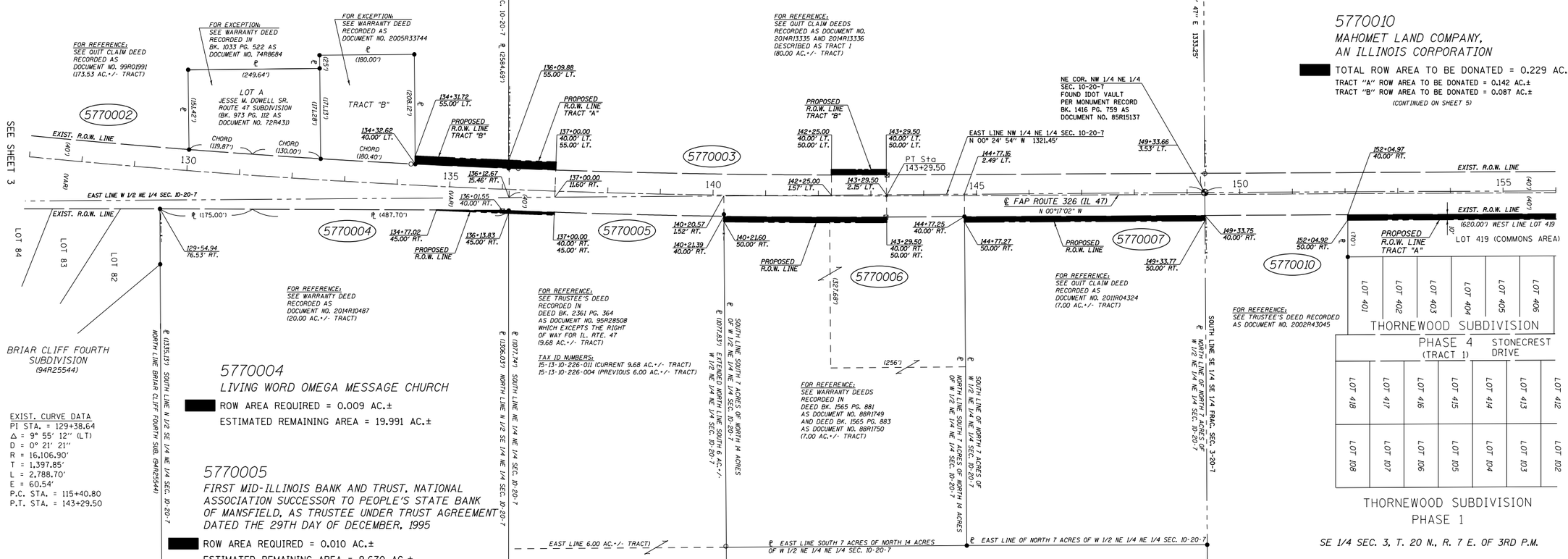
5770003
JANICE KAY MEIER, AS TRUSTEE OF THE JANICE KAY MEIER REVOCABLE TRUST UNDER AGREEMENT DATED JULY 7, 2014, AS TO AN UNDIVIDED 1/2 INTEREST; AND DONALD L. MEIER, AS TRUSTEE OF THE DONALD L. MEIER REVOCABLE TRUST UNDER AGREEMENT DATED JULY 15, 2014, AS TO AN UNDIVIDED 1/2 INTEREST

TOTAL ROW AREA REQUIRED = 0.255 AC.±
TRACT "A" ROW AREA REQUIRED = 0.140 AC.±
TRACT "B" ROW AREA REQUIRED = 0.115 AC.±
TOTAL AREA IN EXISTING ROW = 0.200 AC.±
TRACT "A" AREA IN EXISTING ROW = 0.109 AC.±
TRACT "B" AREA IN EXISTING ROW = 0.091 AC.±
TOTAL NET ROW AREA REQUIRED = 0.055 AC.±
TRACT "A" NET ROW AREA REQUIRED = 0.031 AC.±
TRACT "B" NET ROW AREA REQUIRED = 0.024 AC.±
ESTIMATED REMAINING AREA = 79.745 AC.±

5770010
MAHOMET LAND COMPANY, AN ILLINOIS CORPORATION

TOTAL ROW AREA TO BE DONATED = 0.229 AC.±
TRACT "A" ROW AREA TO BE DONATED = 0.142 AC.±
TRACT "B" ROW AREA TO BE DONATED = 0.087 AC.±

(CONTINUED ON SHEET 5)



EXIST. CURVE DATA
PI STA. = 129+38.64
Δ = 9° 55' 12" (LT)
D = 0° 21' 21"
R = 16,106.90'
T = 1,397.85'
L = 2,788.70'
E = 60.54'
P.C. STA. = 115+40.80
P.T. STA. = 143+29.50

5770004
LIVING WORD OMEGA MESSAGE CHURCH

ROW AREA REQUIRED = 0.009 AC.±
ESTIMATED REMAINING AREA = 19.991 AC.±

5770005
FIRST MID-ILLINOIS BANK AND TRUST, NATIONAL ASSOCIATION SUCCESSOR TO PEOPLE'S STATE BANK OF MANSFIELD, AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 29TH DAY OF DECEMBER, 1995

ROW AREA REQUIRED = 0.010 AC.±
ESTIMATED REMAINING AREA = 9.670 AC.±

NE 1/4 SEC. 10, T. 20 N., R. 7 E. OF 3RD P.M.

5770006
DALE M. HABECK AND CONNIE L. HABECK, IN JOINT TENANCY

TOTAL ROW AREA REQUIRED = 0.360 AC.±
AREA IN EXISTING ROW = 0.289 AC.±
NET ROW AREA REQUIRED = 0.071 AC.±
ESTIMATED REMAINING AREA = 6.640 AC.±

5770007
MICHAEL D. LEWIS

TOTAL ROW AREA REQUIRED = 0.556 AC.±
AREA IN EXISTING ROW = 0.451 AC.±
NET ROW AREA REQUIRED = 0.105 AC.±
ESTIMATED REMAINING AREA = 6.444 AC.±

R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION
RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 10 & 3, T. 20 N., R. 7 E. OF 3RD P.M.
STA 127+00.00 TO STA 156+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 4 OF 16

TOTAL SHEETS	SHEET NO.
474	157

NOTES

BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)

- ⊠ RIGHT OF WAY MARKER FOUND
- ● IRON PIN OR PIPE FOUND
- ○ IRON PIN W/ IDOH CAP TO BE SET
- ○ FENCE POST FOUND
- —x—x— EXISTING FENCE
- ( ) RECORD DATA

FIELD WORK COMPLETED = SEPT. 2013

SE 1/4 SEC. 3, T. 20 N., R. 7 E. OF 3RD P.M.

NE 1/4 SEC. 3, T. 20 N., R. 7 E. OF 3RD P.M.

SW 1/4 SEC. 34, T. 21 N., R. 7 E. OF 3RD P.M.

NW COR. SW 1/4 FRAC. SEC. 3-20-7 FOUND IRON PIN W/ CAP #3738 PER MONUMENT RECORD DOCUMENT NO. 2013R05507

SW COR. SE 1/4 SEC. 33-21-7 FOUND IRON ROD W/ CAP #3396 PER MONUMENT RECORD DOCUMENT NO. 2003R39465

5770008
LIAUTAUD DEVELOPMENT GROUP, L.L.C.-HENNEMAN FARM SERIES, AN ILLINOIS LIMITED LIABILITY COMPANY

TOTAL ROW AREA REQUIRED = 0.230 AC.±
AREA IN EXISTING ROW = 0.184 AC.±
NET ROW AREA REQUIRED = 0.046 AC.±
ESTIMATED REMAINING AREA = 0.950 AC.±

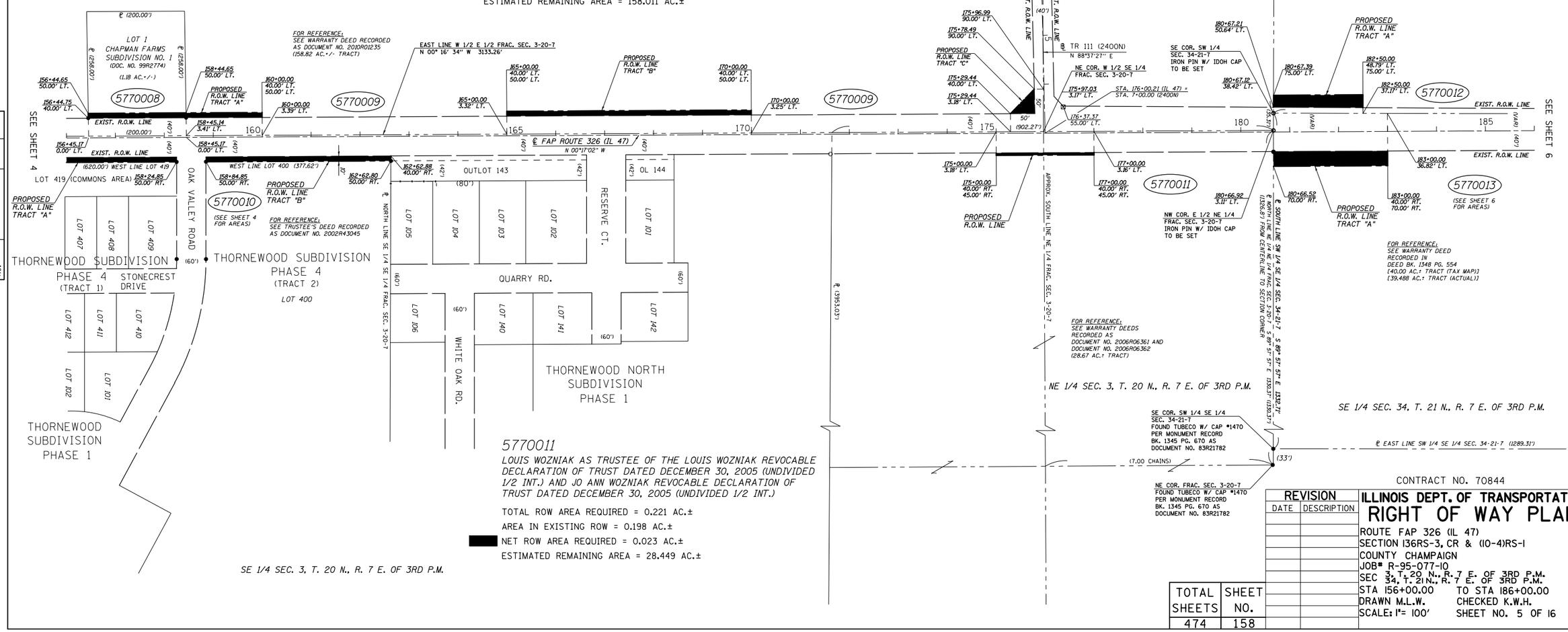
5770009
LIAUTAUD DEVELOPMENT GROUP, L.L.C., AN ILLINOIS LIMITED LIABILITY COMPANY

TOTAL ROW AREA REQUIRED = 0.809 AC.±
TRACT "A" ROW AREA REQUIRED = 0.166 AC.±
TRACT "B" ROW AREA REQUIRED = 0.536 AC.±
TRACT "C" ROW AREA REQUIRED = 0.107 AC.±
TOTAL AREA IN EXISTING ROW = 0.629 AC.±
TRACT "A" AREA IN EXISTING ROW = 0.130 AC.±
TRACT "B" AREA IN EXISTING ROW = 0.421 AC.±
TRACT "C" AREA IN EXISTING ROW = 0.078 AC.±
TOTAL NET ROW AREA REQUIRED = 0.180 AC.±
TRACT "A" NET ROW AREA REQUIRED = 0.036 AC.±
TRACT "B" NET ROW AREA REQUIRED = 0.115 AC.±
TRACT "C" NET ROW AREA REQUIRED = 0.029 AC.±
ESTIMATED REMAINING AREA = 158.011 AC.±

5770012
ROGER E. CRUSE

TOTAL ROW AREA REQUIRED = 0.341 AC.±
TRACT "A" ROW AREA REQUIRED = 0.156 AC.±
TRACT "B" ROW AREA REQUIRED = 0.185 AC.±
TOTAL AREA IN EXISTING ROW = 0.116 AC.±
TRACT "A" AREA IN EXISTING ROW = 0.050 AC.±
TRACT "B" AREA IN EXISTING ROW = 0.066 AC.±
TOTAL NET ROW AREA REQUIRED = 0.225 AC.±
TRACT "A" NET ROW AREA REQUIRED = 0.106 AC.±
TRACT "B" NET ROW AREA REQUIRED = 0.119 AC.±
ESTIMATED REMAINING AREA = 53.909 AC.±

(CONTINUED ON SHEET 6)



5770011
LOUIS WOZNIAK AS TRUSTEE OF THE LOUIS WOZNIAK REVOCABLE DECLARATION OF TRUST DATED DECEMBER 30, 2005 (UNDIVIDED 1/2 INT.) AND JO ANN WOZNIAK REVOCABLE DECLARATION OF TRUST DATED DECEMBER 30, 2005 (UNDIVIDED 1/2 INT.)

TOTAL ROW AREA REQUIRED = 0.221 AC.±
AREA IN EXISTING ROW = 0.198 AC.±
NET ROW AREA REQUIRED = 0.023 AC.±
ESTIMATED REMAINING AREA = 28.449 AC.±

SE 1/4 SEC. 3, T. 20 N., R. 7 E. OF 3RD P.M.

R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

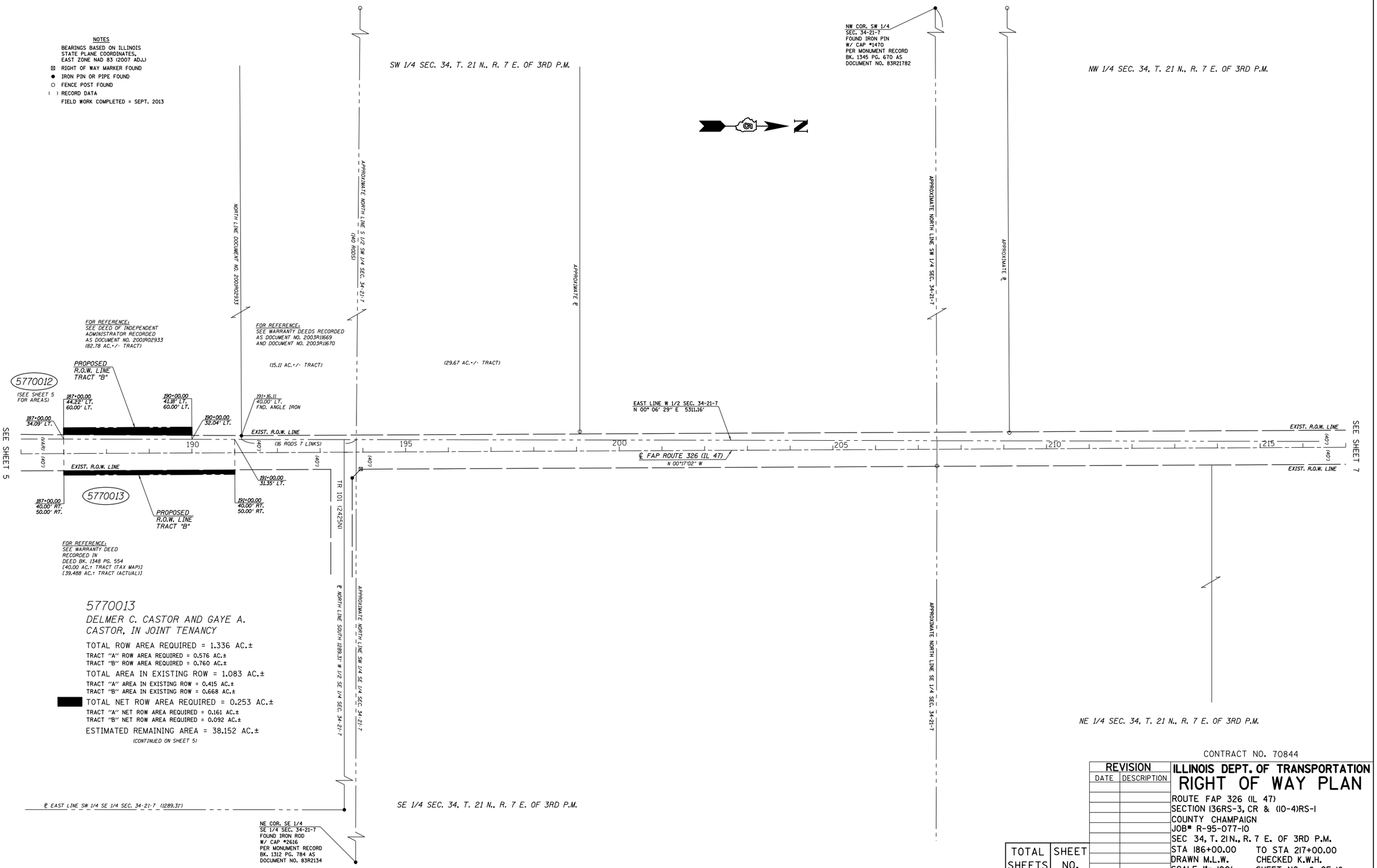
ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 3, T. 20 N., R. 7 E. OF 3RD P.M.
SEC 34, T. 21 N., R. 7 E. OF 3RD P.M.
STA 156+00.00 TO STA 186+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 5 OF 16

TOTAL SHEETS	SHEET NO.
474	158

NOTES

BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)

⊠ RIGHT OF WAY MARKER FOUND
● IRON PIN OR PIPE FOUND
○ FENCE POST FOUND
( ) RECORD DATA
FIELD WORK COMPLETED = SEPT. 2013



5770013

DELMER C. CASTOR AND GAYE A. CASTOR, IN JOINT TENANCY

TOTAL ROW AREA REQUIRED = 1.336 AC.±
TRACT "A" ROW AREA REQUIRED = 0.576 AC.±
TRACT "B" ROW AREA REQUIRED = 0.760 AC.±
TOTAL AREA IN EXISTING ROW = 1.083 AC.±
TRACT "A" AREA IN EXISTING ROW = 0.415 AC.±
TRACT "B" AREA IN EXISTING ROW = 0.668 AC.±
TOTAL NET ROW AREA REQUIRED = 0.253 AC.±
TRACT "A" NET ROW AREA REQUIRED = 0.161 AC.±
TRACT "B" NET ROW AREA REQUIRED = 0.092 AC.±
ESTIMATED REMAINING AREA = 38.152 AC.±

(CONTINUED ON SHEET 5)

R.O.W. PLAT	DATE	BY
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 34, T. 21 N., R. 7 E. OF 3RD P.M.
STA 186+00.00 TO STA 217+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 6 OF 16

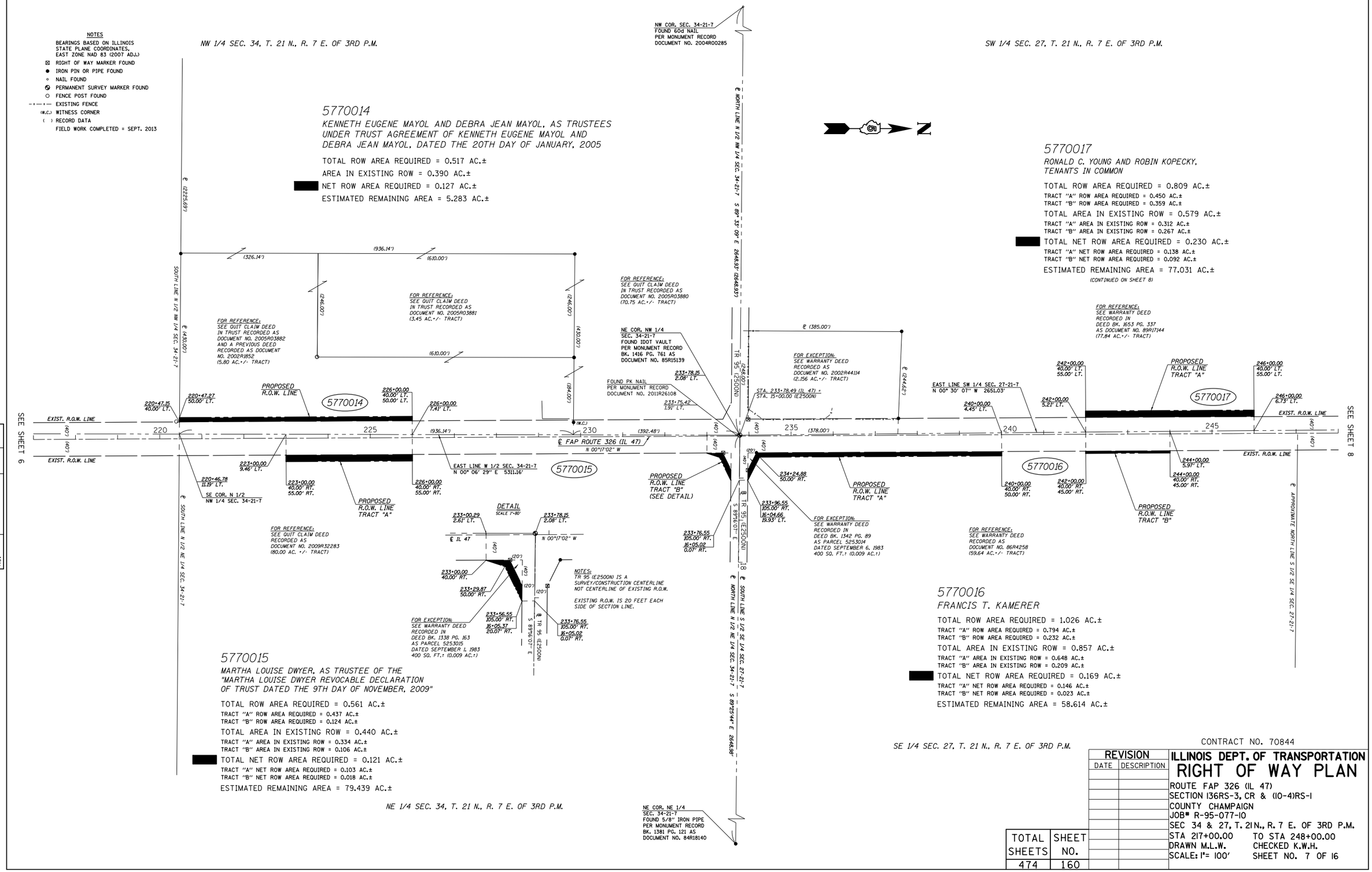
TOTAL SHEETS	SHEET NO.
474	159

NOTES

BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)

- RIGHT OF WAY MARKER FOUND
- IRON PIN OR PIPE FOUND
- NAIL FOUND
- PERMANENT SURVEY MARKER FOUND
- FENCE POST FOUND
- EXISTING FENCE
- (W.C.) WITNESS CORNER
- ( ) RECORD DATA

FIELD WORK COMPLETED = SEPT. 2013



R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 34 & 27, T. 21 N., R. 7 E. OF 3RD P.M.
STA 217+00.00 TO STA 248+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 7 OF 16

TOTAL SHEETS	SHEET NO.
474	160

SW 1/4 SEC. 27, T. 21 N., R. 7 E. OF 3RD P.M.

NW COR. SW 1/4
SEC. 27-21-7
FOUND IRON ROD
PER MONUMENT RECORD
DOCUMENT NO. 2004R00285
ALSO SEE MONUMENT RECORD
DOCUMENT NO. 98R34863

NW 1/4 SEC. 27, T. 21 N., R. 7 E. OF 3RD P.M.

NOTES

BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)

- ● IRON PIN OR PIPE FOUND
- ◦ MAG NAIL FOUND
- ○ FENCE POST FOUND
- EXISTING FENCE
- ( ) RECORD DATA

FIELD WORK COMPLETED = SEPT. 2013

N

℄ NORTH LINE E 1/2 SW 1/4 SEC. 27-21-7 N 89° 20' 36" W 2644.70'

TRACT D
(144.037 AC.+/- TRACT)

(584.36')

FOR REFERENCE:
SEE TRUSTEE'S DEED RECORDED AS DOCUMENT NO. 2010R24479 AND WARRANTY DEEDS RECORDED AS DOCUMENT NO. 2010R24480 AND 2010R24481 AND TWO UNRECORDED PLAT OF SURVEY'S BY HDC ENGINEERING, INC. DATED 8/22/1997 AND 9/13/2010

5770019
HUNSINGER ENTERPRISES, INC.

TOTAL ROW AREA REQUIRED = 0.424 AC.±
AREA IN EXISTING ROW = 0.290 AC.±
NET ROW AREA REQUIRED = 0.134 AC.±
ESTIMATED REMAINING AREA = 5.846 AC.±

(CONTINUED ON SHEET 9)

TRACT B
(6.270 AC.+/- TRACT)

(1497')

FOR REFERENCE:
SEE WARRANTY DEED RECORDED IN DEED BK. 1653 PG. 337 AS DOCUMENT NO. 89R17144
(77.84 AC.+/- TRACT)

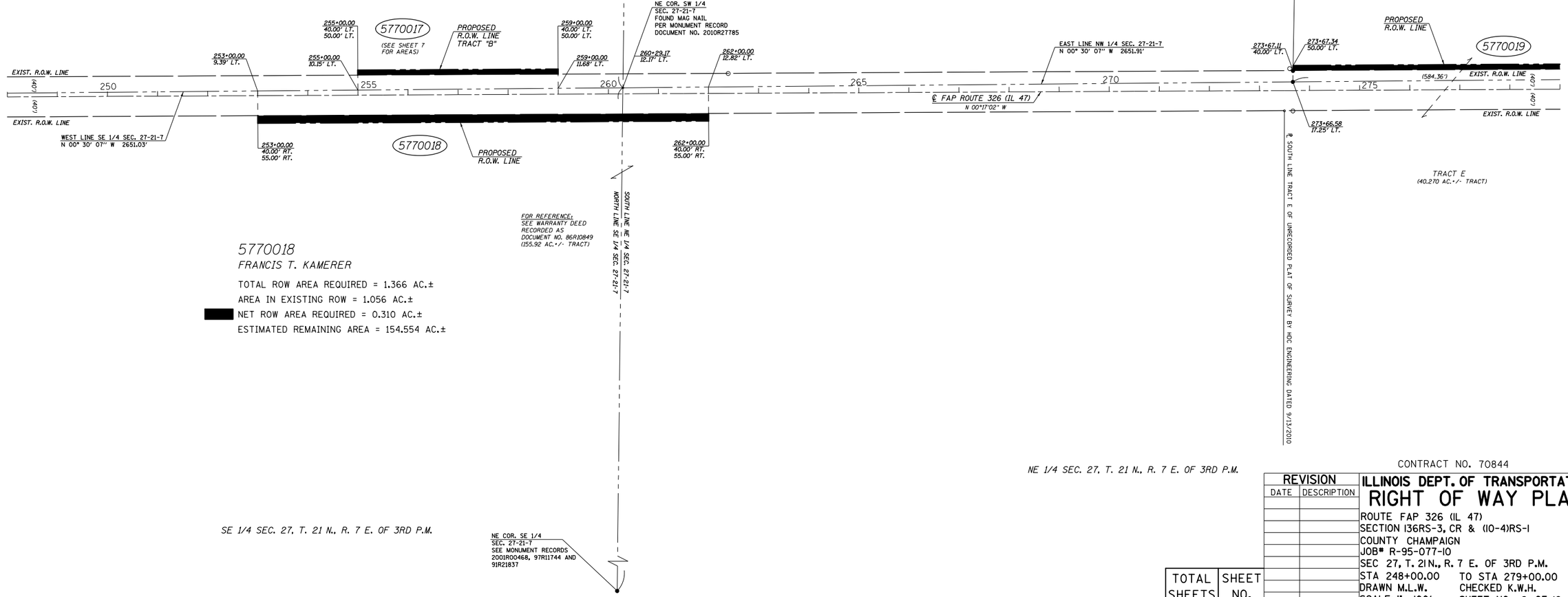
NE COR. SW 1/4
SEC. 27-21-7
FOUND MAG NAIL
PER MONUMENT RECORD
DOCUMENT NO. 2010R27785

EAST LINE NW 1/4 SEC. 27-21-7
N 00° 30' 07" W 2651.91'

PROPOSED R.O.W. LINE

SEE SHEET 7

SEE SHEET 9



5770018
FRANCIS T. KAMERER

TOTAL ROW AREA REQUIRED = 1.366 AC.±
AREA IN EXISTING ROW = 1.056 AC.±
NET ROW AREA REQUIRED = 0.310 AC.±
ESTIMATED REMAINING AREA = 154.554 AC.±

NE 1/4 SEC. 27, T. 21 N., R. 7 E. OF 3RD P.M.

SE 1/4 SEC. 27, T. 21 N., R. 7 E. OF 3RD P.M.

NE COR. SE 1/4
SEC. 27-21-7
SEE MONUMENT RECORDS
2001R00468, 97R11744 AND
91R21837

R.O.W. PLAT	DATE	BY
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 27, T. 21N., R. 7 E. OF 3RD P.M.
STA 248+00.00 TO STA 279+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 8 OF 16

TOTAL SHEETS	SHEET NO.
474	161

NW COR. SEC. 27-21-7
FOUND PK NAIL
PER MONUMENT RECORD
DOCUMENT NO. 96R21297
ALSO FOUND 16d NAIL
0.06' EAST OF PK NAIL

SW COR. E 1/2 SW 1/4
SEC. 22-21-7
FOUND PK NAIL

NW 1/4 SEC. 27, T. 21 N., R. 7 E. OF 3RD P.M.

SW 1/4 SEC. 22, T. 21 N., R. 7 E. OF 3RD P.M.

NOTES
BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)
⊠ RIGHT OF WAY MARKER FOUND
● IRON PIN OR PIPE FOUND
∘ PK NAIL FOUND
○ FENCE POST FOUND
—x—x— EXISTING FENCE
( ) RECORD DATA
FIELD WORK COMPLETED = SEPT. 2013

℄ (1320.51') SOUTH LINE E 1/2 SW 1/4 SEC. 22-21-7
℄ NORTH LINE NW 1/4 SEC. 27-21-7 S 89° 08' 55" E 2640.81'

TRACT D
(144.037 AC.+/- TRACT)

5770020
LOUIS WOZNIAK, AS TRUSTEE OF THE LOUIS WOZNIAK REVOCABLE DECLARATION OF TRUST DATED THE 30TH DAY OF DECEMBER, 2005

ROW AREA REQUIRED = 0.046 AC.±
ESTIMATED REMAINING AREA = 35.114 AC.±

(728.55')
(48.95')
℄ (108.95')
℄ (100.00')
℄ (111.49')

FOR REFERENCE:
SEE TRUSTEE'S DEED RECORDED AS DOCUMENT NO. 2010R24479 AND WARRANTY DEEDS RECORDED AS DOCUMENT NO. 2010R24480 AND 2010R24481 AND TWO UNRECORDED PLAT OF SURVEY'S BY HDC ENGINEERING, INC. DATED 8/22/1997 AND 9/13/2010

FOR EXCEPTION:
SEE WARANTY DEED RECORDED IN DEED BK. 1281 PG. 400

FOR REFERENCE:
SEE WARRANTY DEED RECORDED AS DOCUMENT NO. 2007R33031 DESCRIBED AS LOT 4 WHICH EXCEPTS THE RIGHT OF WAY FOR IL. RTE. 47 PER DEED BK. 226 PG. 631 AS DOCUMENT NO. 255091 (35.16 AC.+/- TRACT)

℄ (1322.25'+/-)

℄ (375.60')

℄ (624.48'+/-)

TRACT A
(7.573 AC.+/- TRACT)

TRACT B
(6.270 AC.+/- TRACT)

(467.53')

EXIST. R.O.W. LINE

(38.59')

NE COR. NW 1/4
SEC. 27-21-7
FOUND PK NAIL
PER MONUMENT RECORD
DOCUMENT NO. 97R23330

5770019
(SEE SHEET 8 FOR AREAS)

279+51.78
50.00' LT.

279+51.54
40.00' LT.

286+81.06
22.25' LT.

EAST LINE NW 1/4 SEC. 27-21-7
N 00° 30' 07" W 2651.91'

TR 85 (W260N)

PROPOSED R.O.W. LINE

294+00.00
40.00' LT.
50.00' LT.

296+00.00
40.00' LT.
50.00' LT.

5770020

EAST LINE SW 1/4 SEC. 22-21-7
N 00° 15' 41" E 2653.05'

EXIST. R.O.W. LINE

SEE SHEET 8

SEE SHEET 10

280 (40') 285 (40') 290 (40') 295 (40') 300 305 310

(130.20')

(1159.00')

℄ FAP ROUTE 326 (IL 47)
N 00°17'02" W

279+51.06
19.48' LT.

5770021

294+00.00
15.41' LT.

296+00.00
13.51' LT.

294+00.00
40.00' RT.
55.00' RT.

296+00.00
40.00' RT.
55.00' RT.

PROPOSED R.O.W. LINE

FOR REFERENCE:
SEE WARRANTY DEED RECORDED IN DEED BK. 822 PG. 569 AS DOCUMENT NO. 746870 (80.00 AC.+/- TRACT)

TRACT E
(40.270 AC.+/- TRACT)

℄ SOUTH LINE W 1/2 SE 1/4 SEC. 22-21-7
NORTH LINE NE 1/4 SEC. 27-21-7 S 89° 09' 15" E 2640.78'

5770021
FRANCIS T. KAMERER

TOTAL ROW AREA REQUIRED = 0.319 AC.±
AREA IN EXISTING ROW = 0.250 AC.±
NET ROW AREA REQUIRED = 0.069 AC.±
ESTIMATED REMAINING AREA = 79.681 AC.±

NE 1/4 SEC. 27, T. 21 N., R. 7 E. OF 3RD P.M.

SE 1/4 SEC. 22, T. 21 N., R. 7 E. OF 3RD P.M.

NE COR. SEC. 27-21-7
FOUND NAIL SET OVER IRON PIPE PER MONUMENT RECORD
DOCUMENT NO. 97R11744
ALSO SEE 91R21839 AND 87R6273

R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

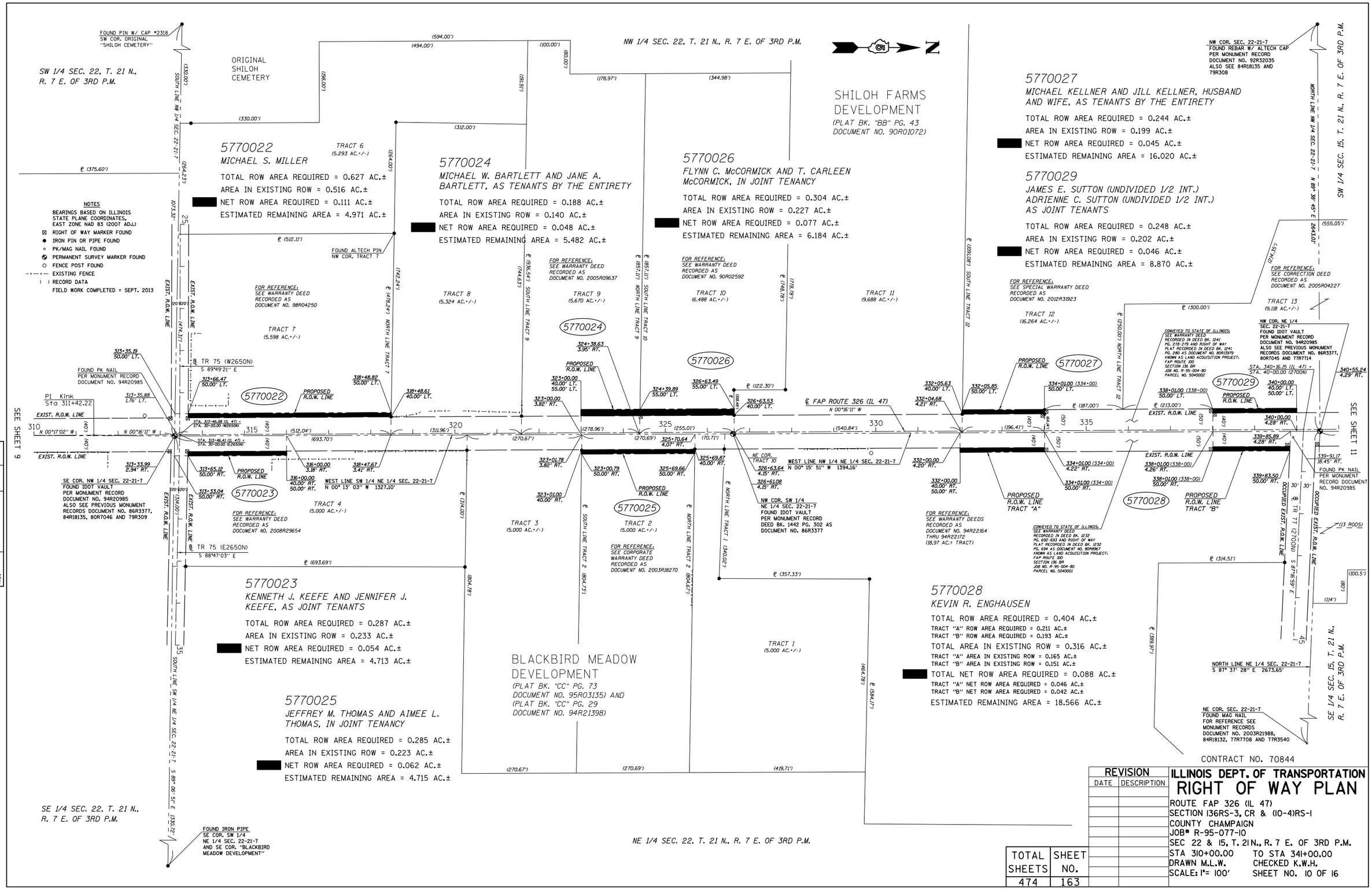
CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION
RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 27 & 22, T. 21 N., R. 7 E. OF 3RD P.M.
STA 279+00.00 TO STA 310+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 9 OF 16

TOTAL SHEETS	SHEET NO.
474	162



R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 22 & 15, T. 21N., R. 7 E. OF 3RD P.M.
STA 310+00.00 TO STA 341+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 10 OF 16

TOTAL SHEETS	SHEET NO.
474	163

SW 1/4 SEC. 15, T. 21 N., R. 7 E. OF 3RD P.M.

NOTES

BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)

⊠ RIGHT OF WAY MARKER FOUND

● IRON PIN OR PIPE FOUND

○ FENCE POST FOUND

—x—x— EXISTING FENCE

( ) RECORD DATA

FIELD WORK COMPLETED = SEPT. 2013

5770030

KANE R. BEAUMONT AND STACEY A. BEAUMONT, AS TRUSTEES UNDER THE KANE R. AND STACEY A. BEAUMONT LIVING TRUST, DATED JUNE 22, 2009

TOTAL ROW AREA REQUIRED = 0.105 AC.±

AREA IN EXISTING ROW = 0.088 AC.±

NET ROW AREA REQUIRED = 0.017 AC.±

ESTIMATED REMAINING AREA = 12.097 AC.±

5770031

NORMA GERALDINE BIDNER, AS TRUSTEE OF THE NORMA GERALDINE BIDNER TRUST, CREATED AUGUST 27, 2009, AS TO AN UNDIVIDED 2/3 INTEREST, CHERYL L. JOHNSON AS TO AN UNDIVIDED 2/27 INTEREST, GARY L. BIDNER AS TO AN UNDIVIDED 1/18 INTEREST, SUSAN A. MARTIN AS TO AN UNDIVIDED 2/27 INTEREST, GAYLE J. PRESTON AS TO AN UNDIVIDED 1/18 INTEREST AND KIMBERLY J. CLEMMONS AS TO AN UNDIVIDED 2/27 INTEREST

TOTAL ROW AREA REQUIRED = 0.843 AC.±

TRACT "A" ROW AREA REQUIRED = 0.347 AC.±
TRACT "B" ROW AREA REQUIRED = 0.145 AC.±
TRACT "C" ROW AREA REQUIRED = 0.351 AC.±

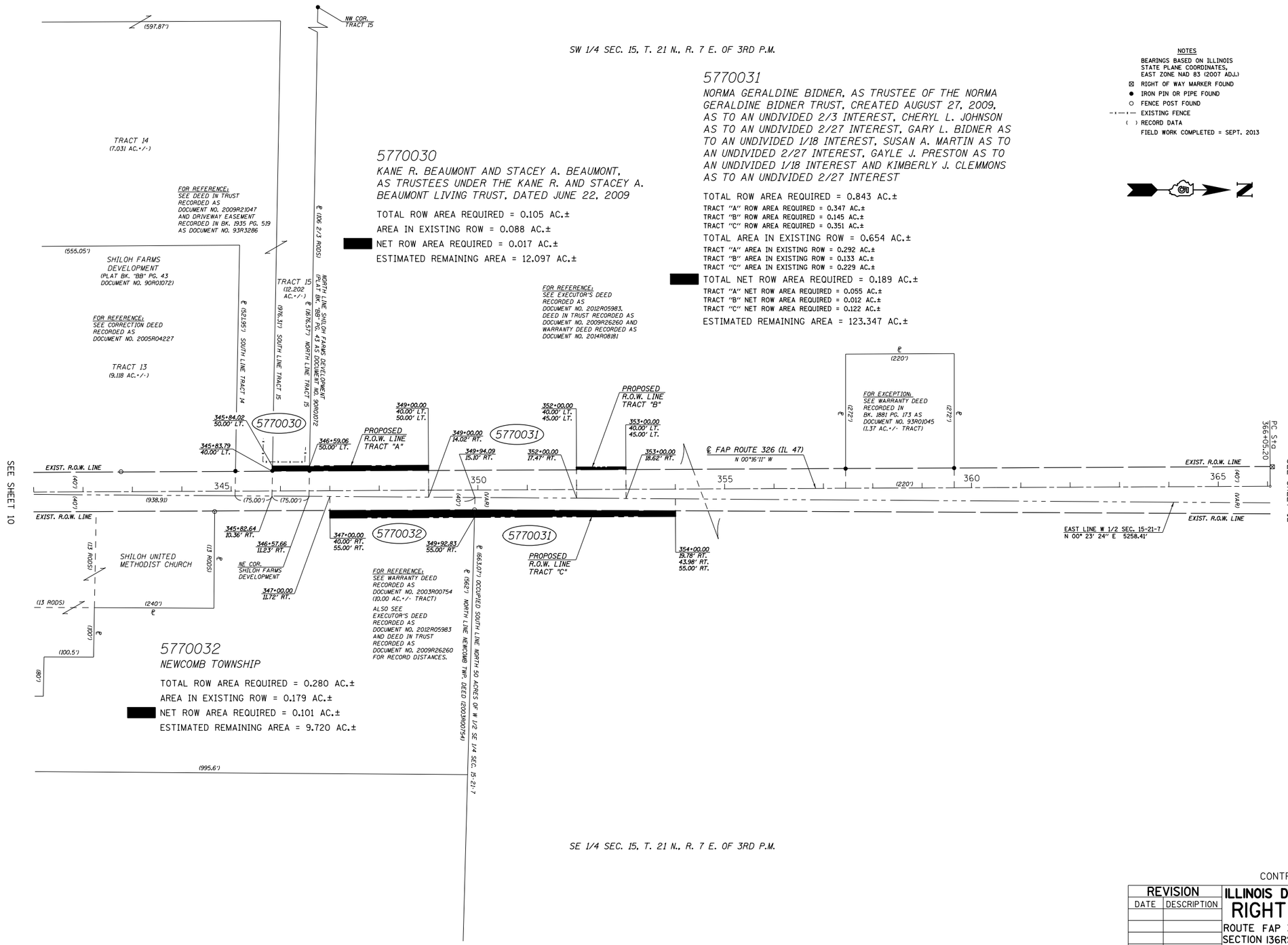
TOTAL AREA IN EXISTING ROW = 0.654 AC.±

TRACT "A" AREA IN EXISTING ROW = 0.292 AC.±
TRACT "B" AREA IN EXISTING ROW = 0.133 AC.±
TRACT "C" AREA IN EXISTING ROW = 0.229 AC.±

TOTAL NET ROW AREA REQUIRED = 0.189 AC.±

TRACT "A" NET ROW AREA REQUIRED = 0.055 AC.±
TRACT "B" NET ROW AREA REQUIRED = 0.012 AC.±
TRACT "C" NET ROW AREA REQUIRED = 0.122 AC.±

ESTIMATED REMAINING AREA = 123.347 AC.±



5770032

NEWCOMB TOWNSHIP

TOTAL ROW AREA REQUIRED = 0.280 AC.±

AREA IN EXISTING ROW = 0.179 AC.±

NET ROW AREA REQUIRED = 0.101 AC.±

ESTIMATED REMAINING AREA = 9.720 AC.±

SE 1/4 SEC. 15, T. 21 N., R. 7 E. OF 3RD P.M.

R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

CONTRACT NO. 70844

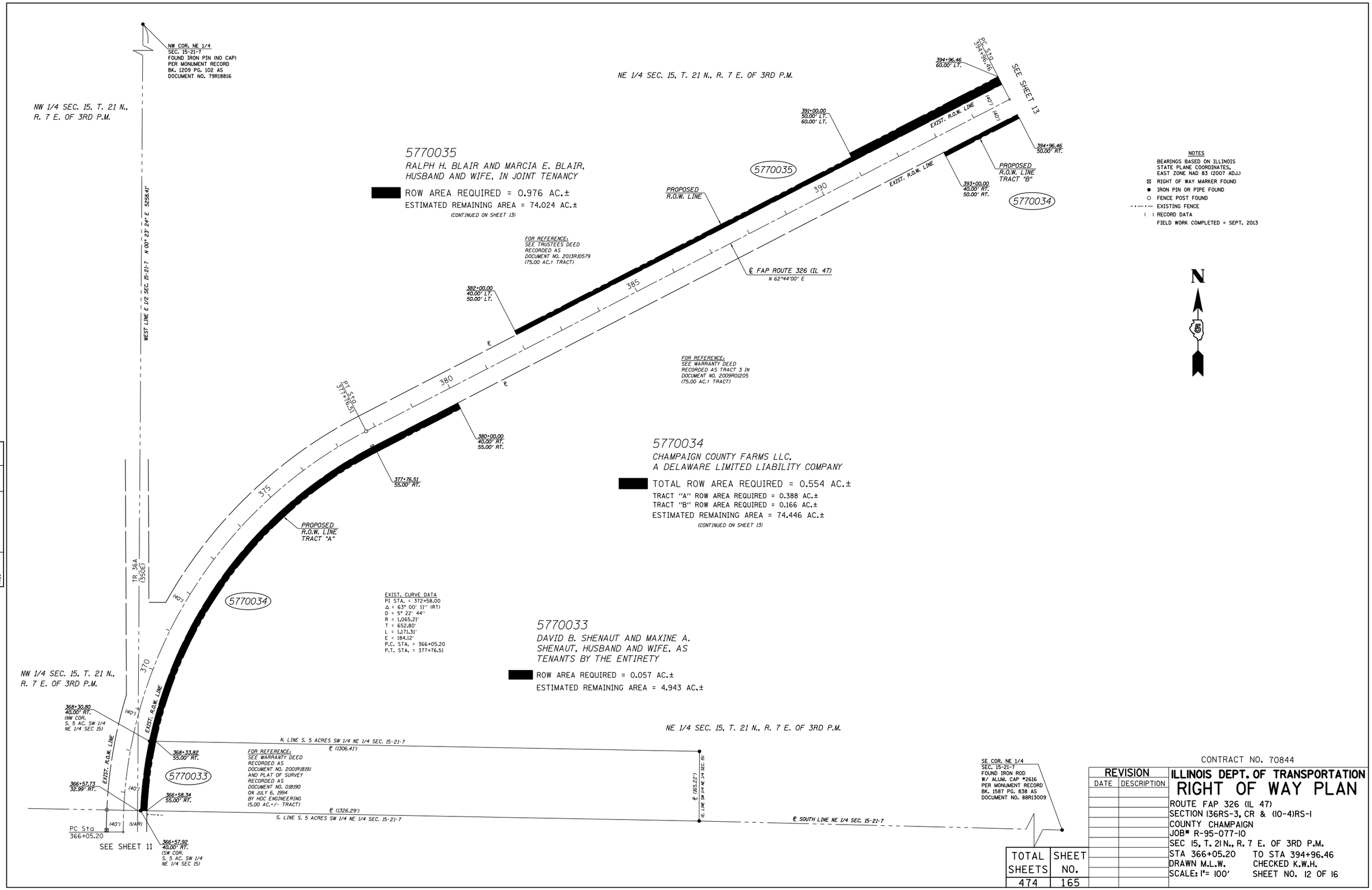
REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 15, T. 21N., R. 7 E. OF 3RD P.M.
STA 341+00.00 TO STA 366+05.20
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 11 OF 16

TOTAL SHEETS	SHEET NO.
474	164



R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 15, T. 21 N., R. 7 E. OF 3RD P.M.
STA 366+05.20 TO STA 394+96.46
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 12 OF 16

TOTAL SHEETS	SHEET NO.
474	165

NE 1/4 SEC. 15, T. 21 N., R. 7 E. OF 3RD P.M.

SE 1/4 SEC. 10, T. 21 N., R. 7 E. OF 3RD P.M.

NW 1/4 SEC. 14, T. 21 N., R. 7 E. OF 3RD P.M.

SW 1/4 SEC. 11, T. 21 N., R. 7 E. OF 3RD P.M.

NOTES

BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)

⊠ RIGHT OF WAY MARKER FOUND
● IRON PIN OR PIPE FOUND
○ COTTON SPINDLE FOUND
PERMANENT SURVEY MARKER FOUND
( ) RECORD DATA

FIELD WORK COMPLETED = SEPT. 2013

NW COR. NE 1/4
SEC. 15-21-7
FOUND IRON PIN (NO CAP)
PER MONUMENT RECORD
BK. 1209 PG. 102 AS
DOCUMENT NO. 79R18816

℄ NORTH LINE NE 1/4 SEC. 15-21-7 N 89°58'53" W 2650.84'

DETAIL
NOT TO SCALE

N. LINE NE 1/4 SEC. 15-21-7
℄ TR 67 (W2800N) S 89°54'35" E
EXIST. R.O.W. LINE
25' 25'
406+06.85
70.00' LT.
406+38.64
70.89' LT.
PROP. R.O.W. LINE
35'
26'
405
40'
℄ IL. 47
406+39.92
14.22' RT.

SEE SHEET 12

394+96.46
60.00' LT.
PC Sta
394+96.46
394+96.46
50.00' RT.
395
(.009)
5770035
(SEE SHEET 12 FOR AREAS)
EXIST. R.O.W. LINE
PROPOSED R.O.W. LINE
5770034
(SEE SHEET 12 FOR AREAS)
PROPOSED R.O.W. LINE TRACT "B"

FOR EXCEPTION:
SEE WARRANTY DEED
RECORDED IN
DEED BK. 1343 PG. 569
AS PARCEL 5253012
DATED OCTOBER 20, 1983
395 SQ. FT.± (0.009 AC.±)

FOR REFERENCE:
SEE TRUSTEES DEED
RECORDED AS
DOCUMENT NO. 2013R10579
(75.00 AC.± TRACT)

FOR REFERENCE:
SEE WARRANTY DEED
RECORDED AS TRACT 3 IN
DOCUMENT NO. 2009R01205
(75.00 AC.± TRACT)

400
401+00.00
60.00' LT.
70.00' LT.
400+00.00
40.00' RT.
50.00' RT.

BROKEN R.O.W. MKR.
SEE DETAIL
405
(40')
S 89°54'35" E ℄ TR 67 (W2800N)
(361.51')
25' 25'
EXIST. R.O.W. LINE
EXIST. R.O.W. LINE

℄
(361.51')
(361.51')
℄

FOR EXCEPTION:
SEE WARRANTY DEED
RECORDED AS
DOCUMENT NO. 98R36920
(3.00 AC.+/- TRACT)

5770036
MICHEL E. WACHSTETTER AND NORMAN L. WACHSTETTER, AS JOINT TENANTS

TOTAL ROW AREA REQUIRED = 2.271 AC.±
AREA IN EXISTING ROW = 1.895 AC.±
NET ROW AREA REQUIRED = 0.376 AC.±
ESTIMATED REMAINING AREA = 74.729 AC.±

(CONTINUED ON SHEET 14)

FOR REFERENCE:
SEE WARRANTY DEED
RECORDED AS
DOCUMENT NO. 2011R07940
(77.00 AC.± TRACT)

℄ EAST LINE NE 1/4 SEC. 15-21-7 N 00°09'26" E 2667.93'

℄ FAP ROUTE 326 (IL 47)
N 00°15'45" E

405 410 415 420

411+00.00
40.00' LT.
50.00' LT.
PROPOSED R.O.W. LINE
5770036
414+05.19
11.30' RT.
EXIST. R.O.W. LINE
EXIST. R.O.W. LINE
(40')
(40')

SE COR. NE 1/4
SEC. 15-21-7
FOUND IRON ROD
W/ ALUM. CAP #2616
PER MONUMENT RECORD
BK. 1587 PG. 838 AS
DOCUMENT NO. 88R13009

EXIST. CURVE DATA
PI STA. = 401+48.76
Δ = 62° 28' 15" (LT)
D = 5° 19' 37"
R = 1,075.57'
T = 652.30'
L = 1,172.72'
E = 182.34'
P.C. STA. = 394+96.46
P.T. STA. = 406+69.19

STA. 406+35.11 (IL 47) =
STA. 60+00.00 (W2800N)
406+39.92
14.22' RT.
NE COR. SEC. 15-21-7
FOUND IDOT VAULT
PER MONUMENT RECORD
BK. 1442 PG. 303 AS
DOCUMENT NO. 86R3378

TR 67 (E2800N)
(361.51')
(40')
(40')

STA. EQUATION:
PT Sta 406+69.19 (BK.) =
Sta 401+00.92 (AH)

WEST LINE SW 1/4 SW 1/4 SEC. 11-21-7
N 00° 09' 15" E 1333.93'

411+00.00
11.87' RT.
411+00.00
40.00' RT.
50.00' RT.
5770037
PROPOSED R.O.W. LINE

414+05.43
50.00' RT.
WEST LINE NW 1/4 SW 1/4 SEC. 11-21-7
N 00° 09' 15" E 1333.93'
PROPOSED R.O.W. LINE
5770038
(SEE SHEET 14 FOR AREAS)

FOR REFERENCE:
SEE QUIT CLAIM DEED
RECORDED AS
DOCUMENT NO. 2000R14719
(40.00 AC.± TRACT)

℄ SOUTH LINE N 1/2 SW 1/4 SEC. 11-21-7
℄ NORTH LINE SW 1/4 SW 1/4 SEC. 11-21-7

FOR REFERENCE:
SEE TRUSTEE'S DEED
RECORDED AS
DOCUMENT NO. 2013R13579
(240.00 AC.± TRACT)

5770037
CAROL A. NELSON

TOTAL ROW AREA REQUIRED = 0.269 AC.±
AREA IN EXISTING ROW = 0.234 AC.±
NET ROW AREA REQUIRED = 0.035 AC.±
ESTIMATED REMAINING AREA = 39.731 AC.±

NORTH LINE NW 1/4 SEC. 14-21-7 N 89° 47' 32" E 2656.28'

NE COR. NW1/4
SEC. 14-21-7
FOUND COTTON SPINDLE
FOR REFERENCE SEE
MONUMENT RECORDS
DOCUMENT NO. 84R18132
AND 77R7709

SEE SHEET 14

R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

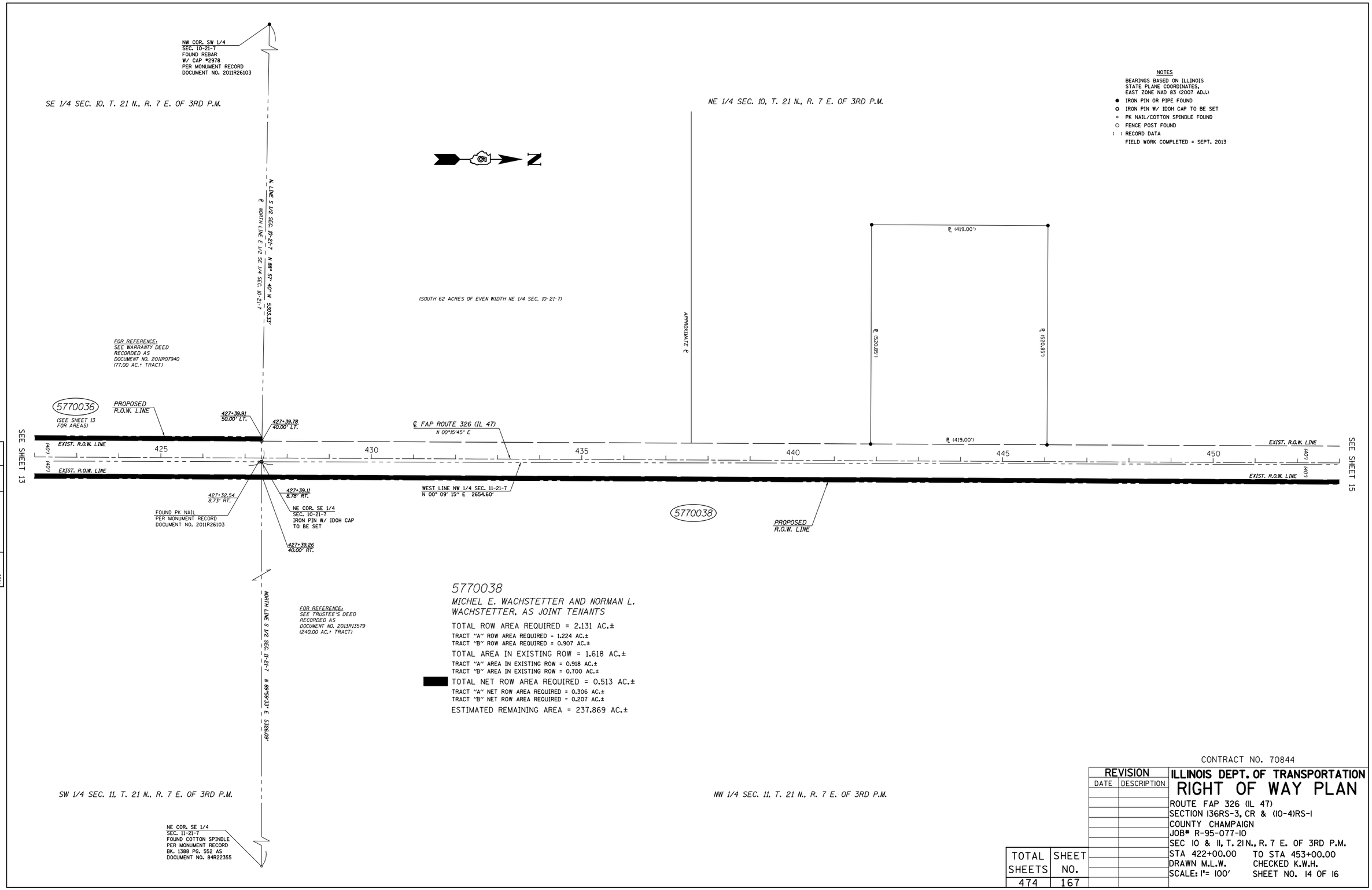
CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION
RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 15, 14, 10 & 11, T. 21 N., R. 7 E. OF 3RD P.M.
STA 394+96.46 TO STA 422+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 13 OF 16

TOTAL SHEETS	SHEET NO.
474	166



NOTES

BEARINGS BASED ON ILLINOIS
STATE PLANE COORDINATES,
EAST ZONE NAD 83 (2007 ADJ.)

- ● IRON PIN OR PIPE FOUND
- ⭘ IRON PIN W/ IDOH CAP TO BE SET
- ∘ PK NAIL/COTTON SPINDLE FOUND
- ○ FENCE POST FOUND
- ( ) RECORD DATA

FIELD WORK COMPLETED = SEPT. 2013

5770038

MICHEL E. WACHSTETTER AND NORMAN L.
WACHSTETTER, AS JOINT TENANTS

TOTAL ROW AREA REQUIRED = 2.131 AC.±

TRACT "A" ROW AREA REQUIRED = 1.224 AC.±
TRACT "B" ROW AREA REQUIRED = 0.907 AC.±

TOTAL AREA IN EXISTING ROW = 1.618 AC.±

TRACT "A" AREA IN EXISTING ROW = 0.918 AC.±
TRACT "B" AREA IN EXISTING ROW = 0.700 AC.±

TOTAL NET ROW AREA REQUIRED = 0.513 AC.±

TRACT "A" NET ROW AREA REQUIRED = 0.306 AC.±
TRACT "B" NET ROW AREA REQUIRED = 0.207 AC.±

ESTIMATED REMAINING AREA = 237.869 AC.±

R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 10 & 11, T. 21 N., R. 7 E. OF 3RD P.M.
STA 422+00.00 TO STA 453+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 14 OF 16

TOTAL SHEETS	SHEET NO.
474	167

SW COR. SE 1/4
SEC. 3-21-7
FOUND PK NAIL OVER STONE
PER MONUMENT RECORD
BK. 1381 PG. 117 AS
DOCUMENT NO. 84R18136

NE 1/4 SEC. 10, T. 21 N., R. 7 E. OF 3RD P.M.

NOTES

BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)

- ⊠ RIGHT OF WAY MARKER FOUND
- ● IRON PIN OR PIPE FOUND
- ∘ PK NAIL FOUND
- PERMANENT SURVEY MARKER FOUND
- ○ FENCE POST FOUND
- ( ) RECORD DATA

FIELD WORK COMPLETED = SEPT. 2013

SE 1/4 SEC. 3, T. 21 N., R. 7 E. OF 3RD P.M.

NW COR. SW 1/4
SEC. 3-21-7
FOUND REBAR
PER MONUMENT RECORD
DOCUMENT NO. 2011R26100

NE 1/4 SEC. 3, T. 21 N., R. 7 E. OF 3RD P.M.

SOUTH LINE SE 1/4 SEC. 3-21-7 N 88° 55' 58" W 2652.97'

℄ WEST LINE E 1/2 E 1/2 SE 1/4 SEC. 3-21-7

NORTH LINE S 1/2 SEC. 3-21-7 N 88°59'48" W 5302.45'

℄ NORTH LINE E 1/2 E 1/2 SE 1/4 SEC. 3-21-7

5770040

BANK OF RANTOUL, AS TRUSTEE OF THE JOHN R. SHROYER TRUST

TOTAL ROW AREA REQUIRED = 3.037 AC.±
AREA IN EXISTING ROW = 2.431 AC.±
NET ROW AREA REQUIRED = 0.606 AC.±
ESTIMATED REMAINING AREA = 36.963 AC.±

FOR REFERENCE:
SEE RELEASE OF ESTATE'S INTEREST IN REAL ESTATE RECORDED AS DOCUMENT NO. 2013R13554 WHICH REFERS TO DOCUMENT NO. 12-09289 (RECORDED IN VERMILION CO., IL) (40.00 AC.± TRACT)

FOR REFERENCE:
SEE TRUSTEE'S DEEDS RECORDED AS DOCUMENT NO. 2010R18329 AND 2010R18330 (154.43 AC.± TRACT)

OCCUPIED EXIST. R.O.W. LINE

℄ TR 55 (W2900N)

S 88°58'58" E 1325'

STA. 453+94.74 (IL 47) = STA. 70+00.00 (W2900N)

453+94.46 50.00' LT.

454+20.40 50.00' LT.

SW COR. SEC. 2-21-7
FOUND IDOT VAULT
PER MONUMENT RECORD
BK. 1442 PG. 303 AS
DOCUMENT NO. 86R3378

453+93.71 3.76' RT.

STA. 453+98.42 (IL 47) = STA. 70+00.00 (E2900N)

PROPOSED R.O.W. LINE

℄ FAP ROUTE 326 (IL 47)
N 00°15'45" E

5770040

480+58.95 50.00' LT.

5770042

(SEE SHEET 16 FOR AREAS)

SEE SHEET 14

SEE SHEET 16

EXIST. R.O.W. LINE

455 460 465 470 475 480

(550.86')

NW COR. 459+44.86 LOT 3 40.00' RT.

459+44.56 2.06' RT.

453+63.47 50.00' RT.

FOR EXCEPTION:
SEE TRUSTEE'S DEED RECORDED IN DEED BK. 1348 PG. 749 AS PARCEL 5253011 DATED SEPTEMBER 27, 1983 200 SQ. FT.± (0.005 AC.±)

455+00.00 55.00' RT.

459+44.97 55.00' RT.

459+44.94 50.00' RT.

5770039

454+43.46 40.00' RT.

FOR EXCEPTION:
SEE WARRANTY DEED RECORDED IN DEED BK. 1342 PG. 103 AS PARCEL 5253010 DATED SEPTEMBER 15, 1983 200 SQ. FT.± (0.005 AC.±)

LOT 3

FOR REFERENCE:
SEE TRUSTEE'S DEED RECORDED AS DOCUMENT NO. 2010R27953 DESCRIBED AS LOT 3 AND A PLAT OF SURVEY RECORDED AS DOCUMENT NO. 2008R06097 WHICH EXCEPTS THE RIGHT OF WAY FOR IL. RTE. 47 (5.000 AC.+/- TRACT)

℄ (444.34')

453+73.48 60.00' RT.

453+94.14 60.00' RT.

454+23.48 60.00' RT.

5770038

(SEE SHEET 14 FOR AREAS)

℄ TR 55 (E2900N)

S 89°47'30" E 1413.52'

℄ (550.86')

℄ NORTH LINE NW 1/4 SEC. 11-21-7 N 89°49'02" E 2656.73' (2661.56')

75

(2228.04')

NW 1/4 SEC. 11, T. 21 N., R. 7 E. OF 3RD P.M.

SE COR. SW 1/4
SEC. 2-21-7
FOUND 1/2" IRON ROD
W/ CAP #2616
PER MONUMENT RECORD
DOCUMENT NO. 98R36050

465+50.00 50.00' RT. 70.00' RT.

467+00.00 50.00' RT. 70.00' RT.

WEST LINE SW 1/4 SEC. 2-21-7
N 00° 05' 08" E 2664.67'

5770041

PROPOSED R.O.W. LINE

PROPOSED TEMPORARY EASEMENT LINE

LOT 4

FOR REFERENCE:
SEE CORRECTED WARRANTY DEED RECORDED AS DOCUMENT NO. 2008R06096 DESCRIBED AS LOT 4 AND A PLAT OF SURVEY ATTACHED WHICH EXCEPTS THE RIGHT OF WAY FOR IL. RTE. 47 (65.000 AC.+/- TRACT)

480+58.36 4.46' LT.

480+57.43 2.18' LT.

FOUND PK NAIL
PER MONUMENT RECORD
DOCUMENT NO. 2011R26100

NE COR. SE 1/4 SEC. 3-21-7
FOUND IDOT VAULT
PER MONUMENT RECORD
BK. 1419 PG. 37 AS
DOCUMENT NO. 85R16238
ALSO SEE MONUMENT RECORD
BK. 1381 PG. 114 AS
DOCUMENT NO. 84R18133

480+58.83 50.00' RT.

NW COR. LOT 4

480+58.74 40.00' RT.

NORTH LINE S 1/2 SEC. 2-21-7 N 89° 46' 19" E 5318.20'

℄ (1307.80') NORTH LINE LOT 4

NW 1/4 SEC. 2, T. 21 N., R. 7 E. OF 3RD P.M.

NE COR. SE 1/4 SEC. 2-21-7
FOUND 1/2" IRON PIN
PER MONUMENT RECORD
DOCUMENT NO. 2010R17996

5770039

LOUIS WOZNIAK, AS TRUSTEE OF THE LOUIS WOZNIAK REVOCABLE DECLARATION OF TRUST DATED DECEMBER 30, 2005

ROW AREA REQUIRED = 0.179 AC.±
ESTIMATED REMAINING AREA = 4.821 AC.±

5770041

JO ANN WOZNIAK, AS TRUSTEE OF THE JO ANN WOZNAIK REVOCABLE DECLARATION OF TRUST DATED THE 30TH DAY OF DECEMBER, 2005

ROW AREA REQUIRED = 0.485 AC.±
ESTIMATED REMAINING AREA = 64.515 AC.±
TEMPORARY EASEMENT AREA REQUIRED = 0.069 AC.±
PURPOSE OF TEMPORARY EASEMENT: TILE REPAIR, EARTHWORK AND GRADING

SW 1/4 SEC. 2, T. 21 N., R. 7 E. OF 3RD P.M.

R.O.W. PLAT	DATE	BY
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 10, 11, 3 & 2, T. 21 N., R. 7 E. OF 3RD P.M.
STA 453+00.00 TO STA 483+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 15 OF 16

TOTAL SHEETS	SHEET NO.
474	168

NOTES

BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJ.)

⊠ RIGHT OF WAY MARKER FOUND

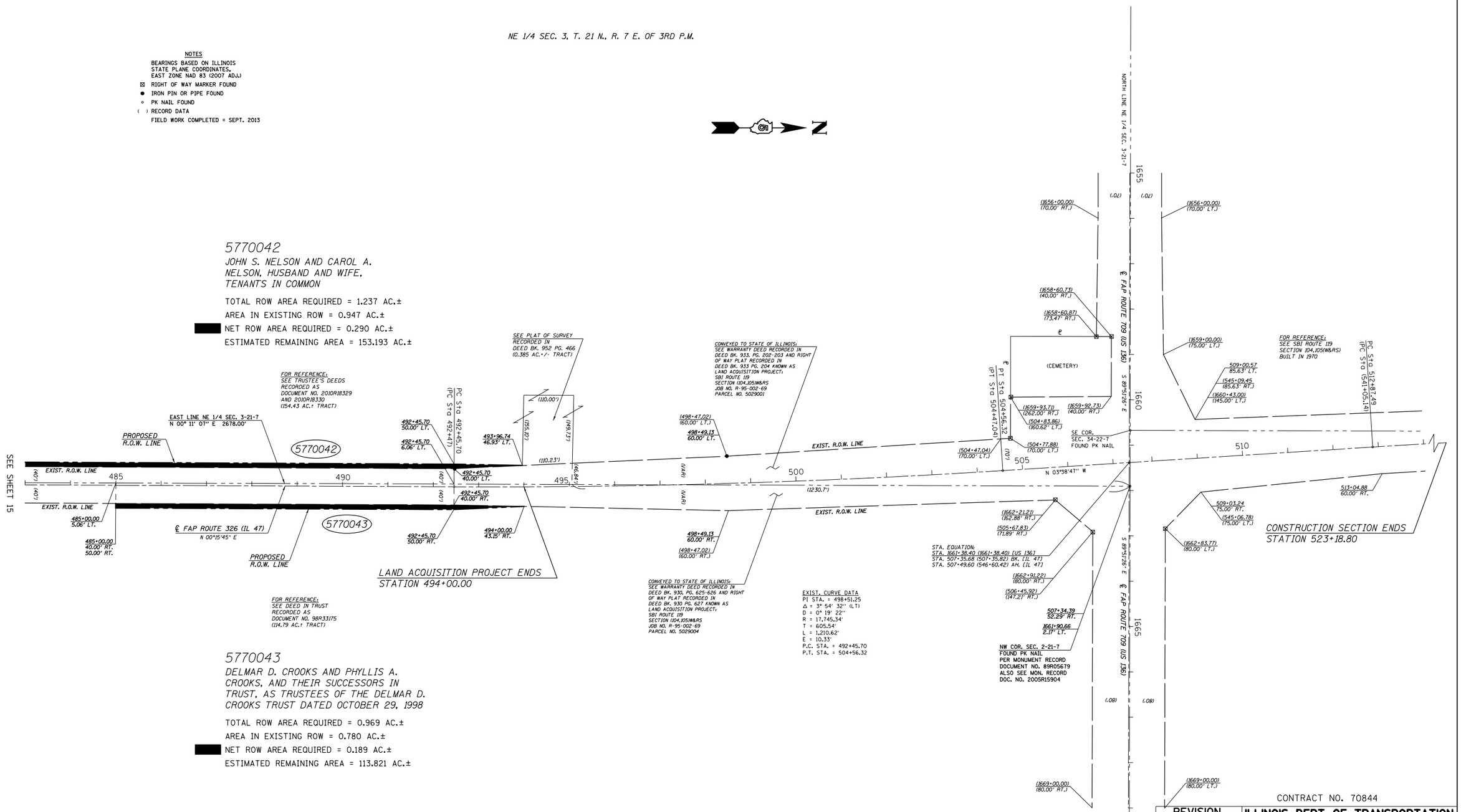
● IRON PIN OR PIPE FOUND

∘ PK NAIL FOUND

( ) RECORD DATA

FIELD WORK COMPLETED = SEPT. 2013

NE 1/4 SEC. 3, T. 21 N., R. 7 E. OF 3RD P.M.



R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

CONTRACT NO. 70844

REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 326 (IL 47)
SECTION 136RS-3, CR & (10-4)RS-1
COUNTY CHAMPAIGN
JOB# R-95-077-10
SEC 2 & 3, T. 21 N., R. 7 E. OF 3RD P.M.
STA 483+00.00 TO STA 494+00.00
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"= 100' SHEET NO. 16 OF 16

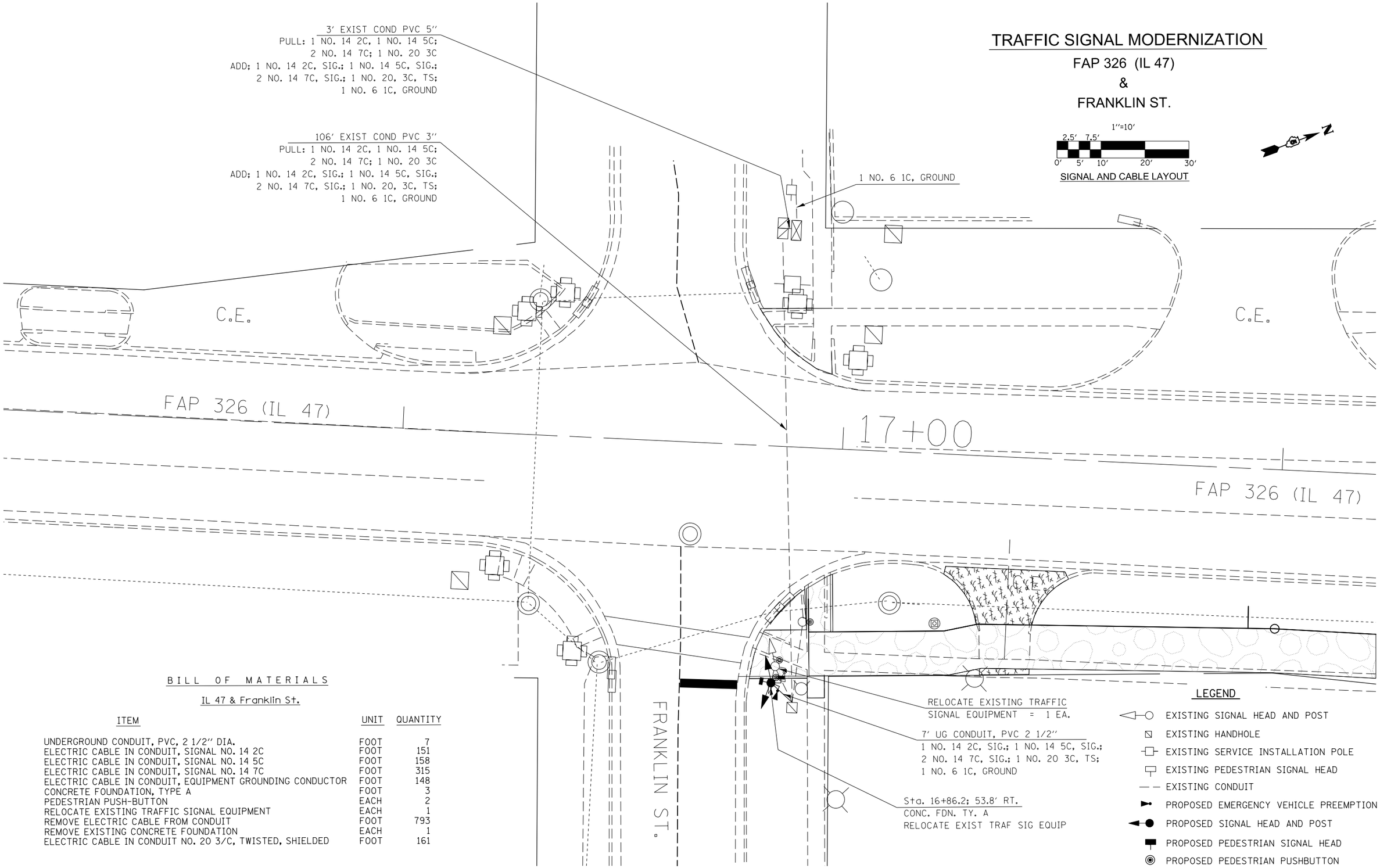
TOTAL SHEETS	SHEET NO.
474	169

TRAFFIC SIGNAL MODERNIZATION

FAP 326 (IL 47)

&

FRANKLIN ST.



BILL OF MATERIALS

IL 47 & Franklin St.

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	7
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	151
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	158
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	315
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR	FOOT	148
CONCRETE FOUNDATION, TYPE A	FOOT	3
PEDESTRIAN PUSH-BUTTON	EACH	2
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	793
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	161

LEGEND

- EXISTING SIGNAL HEAD AND POST
- EXISTING HANDHOLE
- EXISTING SERVICE INSTALLATION POLE
- EXISTING PEDESTRIAN SIGNAL HEAD
- EXISTING CONDUIT
- PROPOSED EMERGENCY VEHICLE PREEMPTION
- PROPOSED SIGNAL HEAD AND POST
- PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED PEDESTRIAN PUSHBUTTON

FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\70844 signals - flashers.dgn	USER NAME = cearlockbm	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION DETAIL (FRANKLIN ST.)
MULTI-USE TRAIL - I

SCALE: ----- | 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	170

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

FLASHING BEACON INSTALLATION

FAP 326 (IL 47)

&

I-74 EASTBOUND RAMPS

1''=10'

2.5' 7.5'

0' 5' 10' 20' 30'

FLASHER AND CABLE LAYOUT

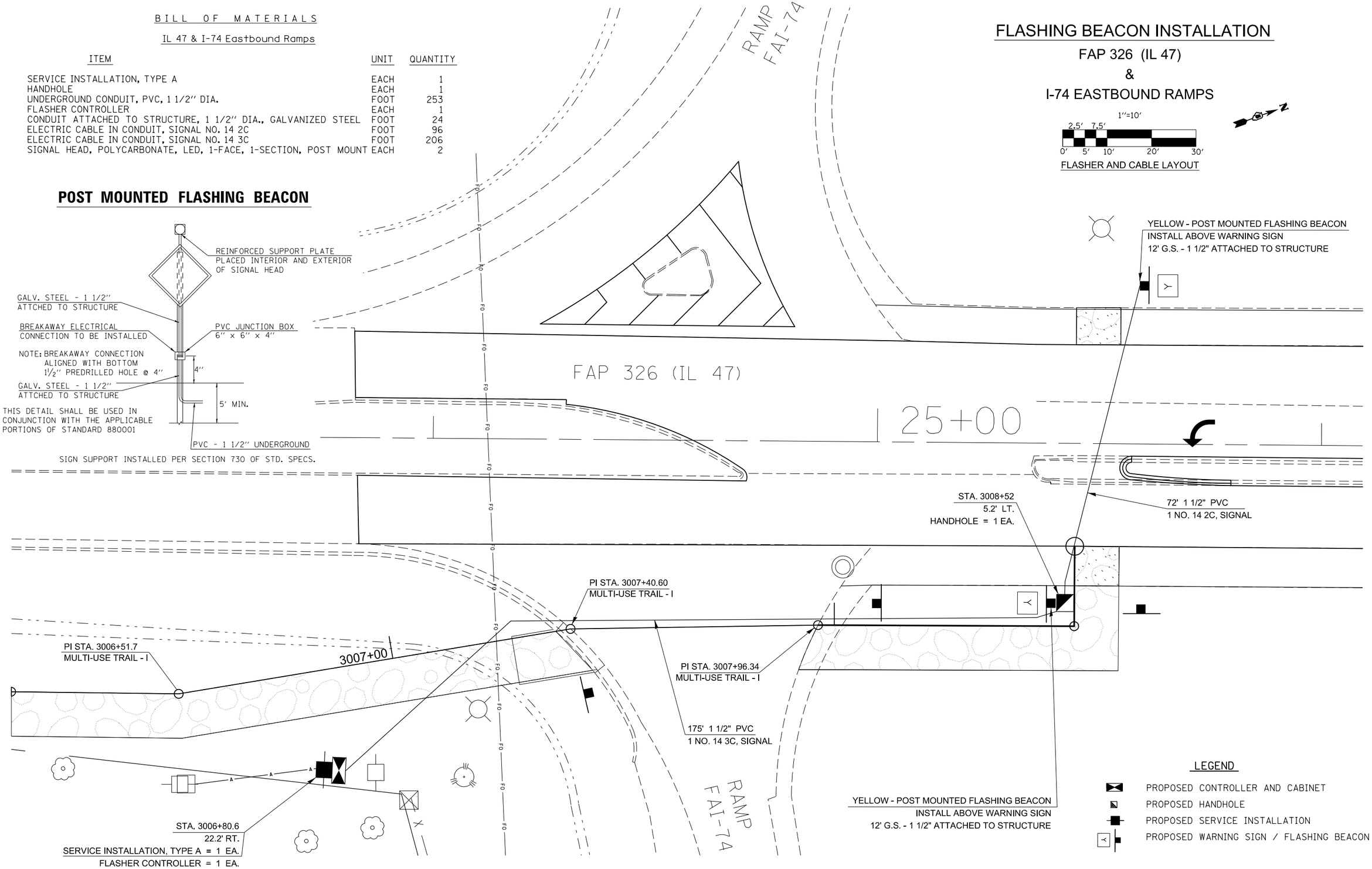
BILL OF MATERIALS

IL 47 & I-74 Eastbound Ramps

ITEM	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE A	EACH	1
HANDHOLE	EACH	1
UNDERGROUND CONDUIT, PVC, 1 1/2'' DIA.	FOOT	253
FLASHER CONTROLLER	EACH	1
CONDUIT ATTACHED TO STRUCTURE, 1 1/2'' DIA., GALVANIZED STEEL	FOOT	24
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	96
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	206
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNT	EACH	2

POST MOUNTED FLASHING BEACON

SIGN SUPPORT INSTALLED PER SECTION 730 OF STD. SPECS.



LEGEND

- PROPOSED CONTROLLER AND CABINET
- PROPOSED HANDHOLE
- PROPOSED SERVICE INSTALLATION
- PROPOSED WARNING SIGN / FLASHING BEACON

FILE NAME =	USER NAME = cearlockbm	DESIGNED -	REVISED -
c:\pw_work\pwidot\cearlockbm\d0187612\70844 signals - flashers.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20.0007 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FLASHING BEACON DETAILS
MULTI-USE TRAIL - I

SCALE: ---- 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	171
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		

① STATION 135+81.00 (SLD 13.39)
EXISTING - 2' x 1.5' RC BOX CULVERT
PROPOSED - SINGLE 4' X 3' PCC BOX CULVERT

② STATION 181+27.00
EXISTING (SN 010-8063) - 7' X 3' RC BOX CULVERT
PROPOSED (SN 010-8151) - SINGLE 8' X 5' PCC BOX CULVERT
(SKEW = 30 DEGREES LT. FWD.)

③ STATION 224+48.00
EXISTING (SN 010-8604) - 12' X 4' RC BOX CULVERT
PROPOSED (SN 010-8152) - DOUBLE 8' X 5' PCC BOX CULVERT

④ STATION 352+60.00 (SLD 9.30)
EXISTING - 2' X 1.5' RC BOX CULVERT
PROPOSED - SINGLE 3' X 3' PCC BOX CULVERT

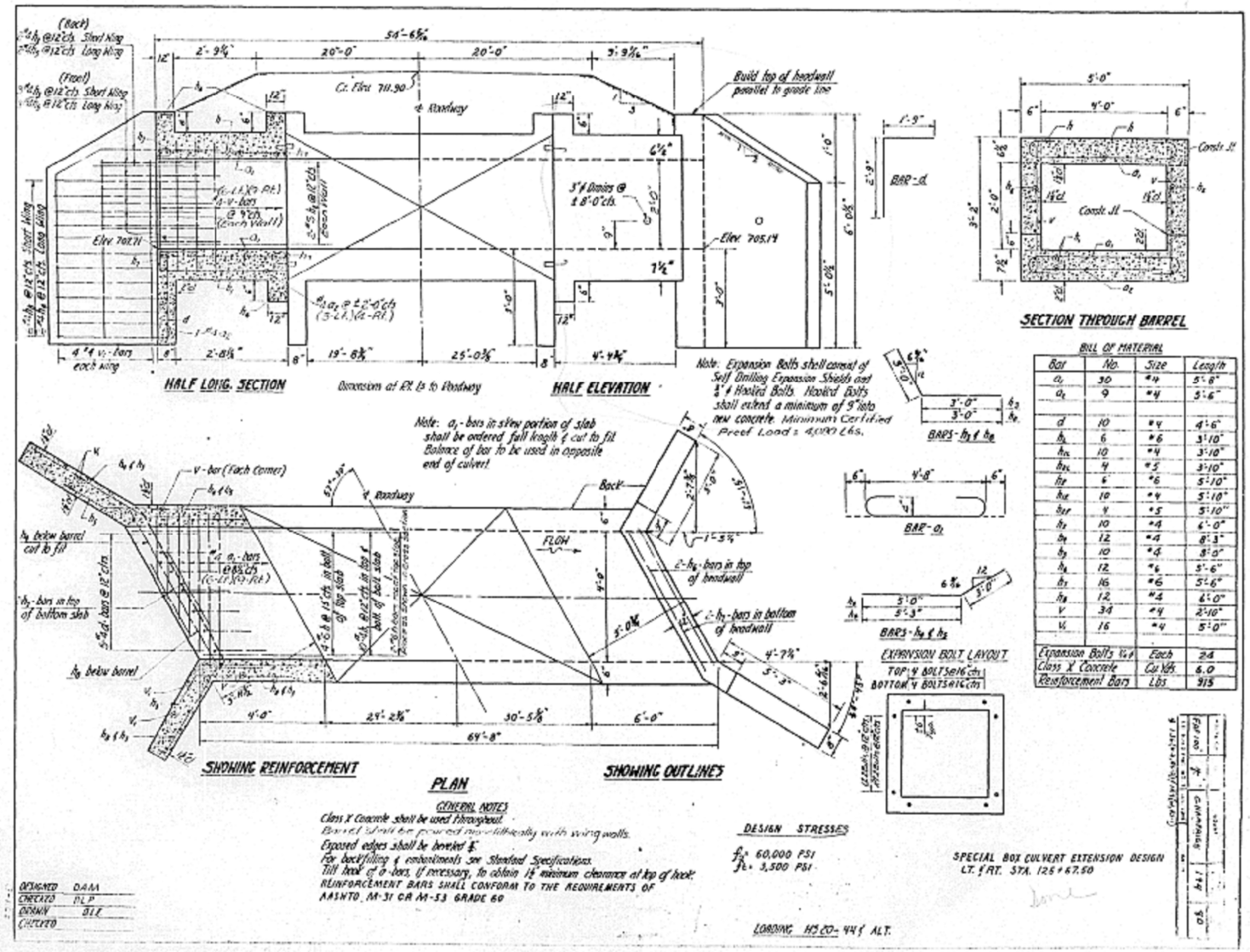
⑤ STATION 438+01.00 (SLD 7.57)
EXISTING - 2' X 1.5' RC BOX CULVERT
PROPOSED - 4' X 2' PCC BOX CULVERT

NOTES:

1. ADDITIONAL AR CULVERTS EXIST WITHIN THE PROJECT LIMITS. THOSE NOT CALLED OUT ON THIS SCHEDULE WILL NOT BE REPLACED AS PART OF THIS PROJECT (SEE SHEET NO. 6 FOR AN INVENTORIED STRUCTURES TABLE).
2. SEVERAL OF THE EXISTING AR CULVERTS WILL GET NEW PIPE CULVERT EXTENSIONS. SEE PLAN AND PROFILES AND SCHEDULE OF PLAN PAY ITEMS FOR LOCATION AND EXTENSION INFORMATION.

FILE NAME =	USER NAME = cearlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	A.R. CULVERT LOCATION MAP	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\cearlockbm\d0187612\D570844-Culvert Schedule Map.dgn		DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	172
	PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 70844		
$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: N/A SHEET 1 OF 1 SHEETS STA. ---- TO STA. ----		ILLINOIS FED. AID PROJECT			

FOR INFORMATION ONLY



BILL OF MATERIAL

Bar	No.	Size	Length
a_1	30	#4	5'-8"
a_2	9	#4	5'-6"
d	10	#4	4'-6"
h_1	6	#6	3'-10"
h_{1L}	10	#4	3'-10"
h_{1L}	4	#5	3'-10"
h_{1R}	6	#6	5'-10"
h_{1R}	10	#4	5'-10"
h_{1R}	4	#5	5'-10"
h_2	10	#4	6'-0"
h_3	12	#4	8'-3"
h_3	10	#4	8'-0"
h_4	12	#6	5'-6"
h_5	16	#6	5'-6"
h_6	12	#4	6'-0"
V	34	#4	2'-10"
V_1	16	#4	5'-0"
Expansion Bolts ¾ ϕ	Each		24
Class X Concrete	Cu Yds		6.0
Reinforcement Bars	Lbs		915

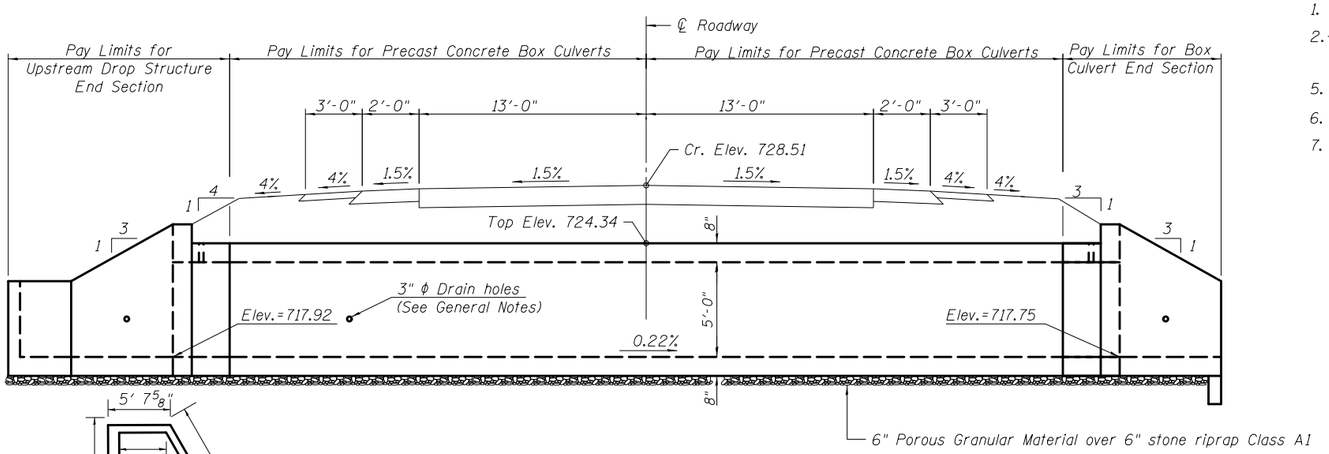
GENERAL NOTES:

1. THIS AS-BUILT SHEET WAS PROVIDED TO GIVE ADDITIONAL AS-BUILT INFORMATION FOR THE EXISTING 4'X2' AR BOX CULVERT LOCATED AT STA. 125+67.00. THIS CULVERT SHALL RECEIVE A 10' EXTENSION AT THE DOWNSTREAM END TO ACCOMODATE THE NEW MULTI-USE TRAIL-C.
2. FOR ADDITIONAL DETAIL SEE DISTRICT 5 DETAIL NO. 5400AAAA - BOX CULVERT EXTENSION DETAIL AS WELL AS DISTRICT 5 DETAIL NO. 5400IAAA - BOX CULVERT END SECTION (PRECAST OPTION).
3. EXISTING AR BOX CULVERT HAS A SKEW OF 35 DEGREES LT. FWD.
4. COST ASSOCIATED WITH THE EXCAVATION FOR THIS AR BOX CULVERT EXTENSION SHALL BE CONSIDERED INCIDENTAL TO BOX CULVERT END SECTIONS, CULVERT NO. 6 PAY ITEM.

FILE NAME =	USER NAME =	DESIGNED -	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	AS BUILT – CONCRETE BOX CULVERT EXISTING AR CULVERT AT STA. 125+67.50	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		CHECKED -	REVISED			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474 / 173
	PLOT SCALE =	DRAWN -	REVISED					CONTRACT NO. 70844	
	PLOT DATE =	CHECKED -	REVISED		SHEET NO. 01 OF 01 SHEETS		ILLINOIS	FED. AID PROJECT	

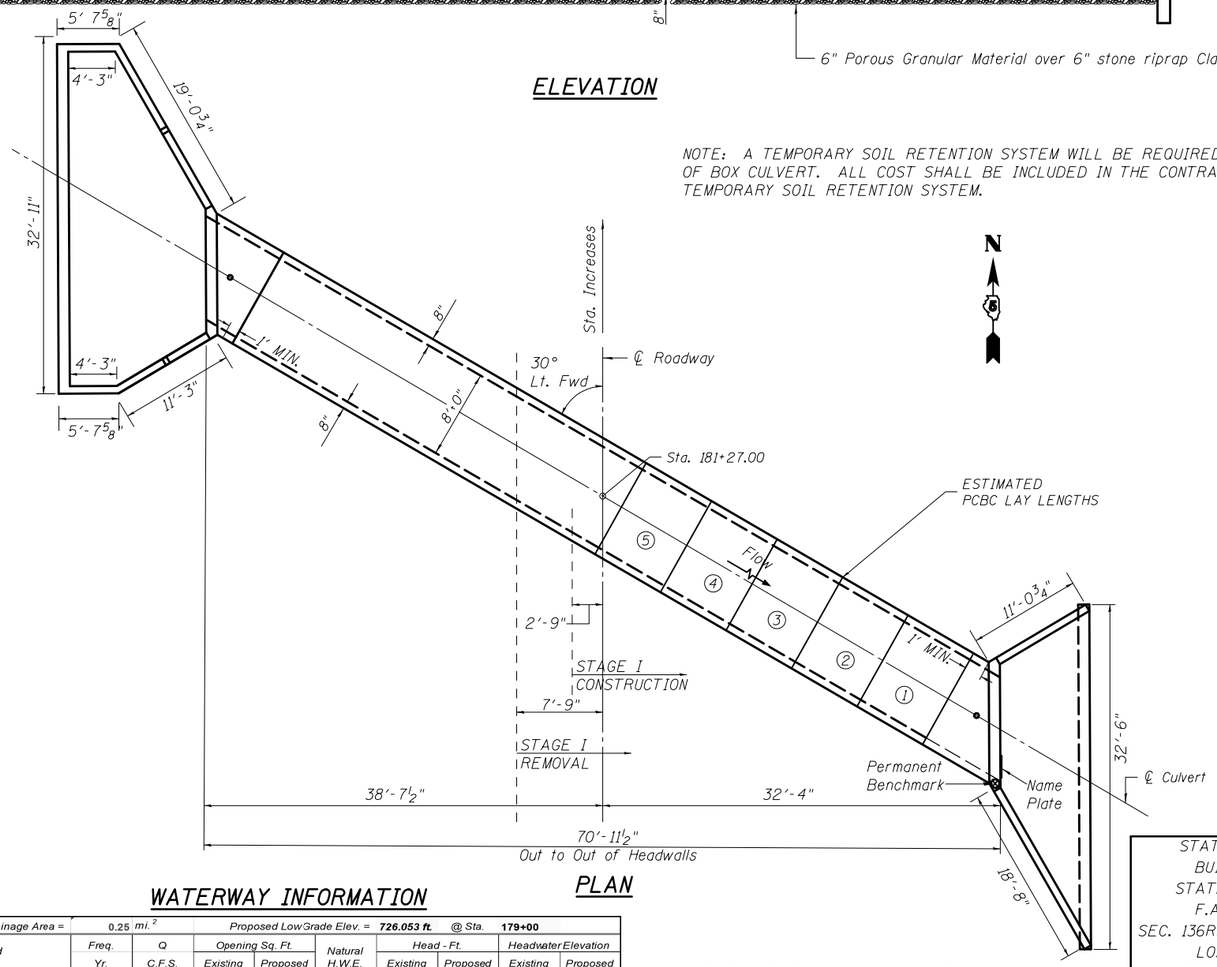
Benchmark: No benchmark is located at this structure. Nearest BM is BM 4875-8 (See benchmarks plan sheet for information)

Existing Structure: SN 010-8063, 7'x 3' RC BOX CULVERT



ELEVATION

NOTE: A TEMPORARY SOIL RETENTION SYSTEM WILL BE REQUIRED FOR CONSTRUCTION OF BOX CULVERT. ALL COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY SOIL RETENTION SYSTEM.



PLAN

WATERWAY INFORMATION

Drainage Area = 0.25 mi.² Proposed LowGrade Elev. = 726.053 ft. @ Sta. 179+00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Existing	Opening Sq. Ft. Proposed	Natural H.W.E.	Head - Ft. Existing	Head - Ft. Proposed	Headwater Elevation Existing	Headwater Elevation Proposed
	10	148	21	32				724.34	721.91
Design	50	255	21	40				727.85	723.09
Base	100	304	21	40				Over	723.66
Overtopping									
Max. Calc.	500	428	21	40				Over	725.67

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Upstream	Downstream
	714.92	714.75

INDEX OF SHEETS

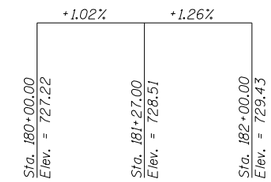
GENERAL NOTES

The design fill height for this box is 4.17' feet. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

The 6 in. thick layer of porous granular material required for the precast concrete box culvert per Art. 540.06 of the Standard Specifications shall also apply to the end sections. Cost of the porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



PROFILE GRADE

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications
6th Edition

LOADING HL-93

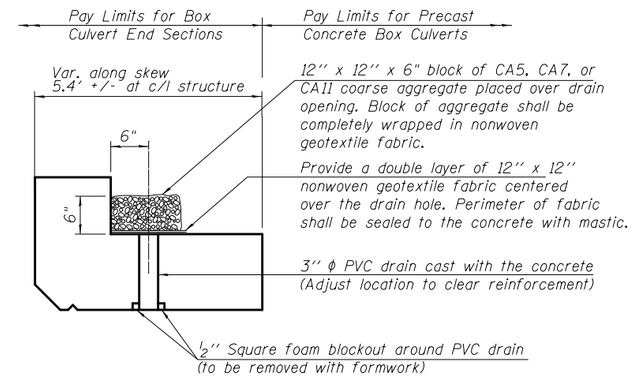
DESIGN STRESSES

PRECAST UNITS

f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Fabric)

FIELD UNITS

f'c = 3,500 psi
fy = 65,000 psi (Welded Wire Fabric)



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain details will not be measured for payment but shall be included in the contract unit price for the end section.)

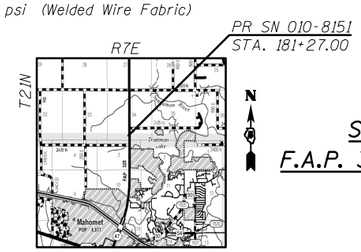
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
REMOVAL OF EXISTING STRUCTURES	EACH	1
NAME PLATES	EACH	1
BOX CULV. END SECTIONS, CULV. NO. 2	EACH	2
PRECAST CONC. BOX CULVERT, 8'X5'	FOOT	72.0
PERMANENT BENCH MARKS	EACH	1
STONE RIPRAP CLASS A1	TON	54.0
POROUS GRANULAR EMBANKMENT	CU YD	223.0
TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1360.0

STATION 181+27.00
BUILT 201_ BY
STATE OF ILLINOIS
F.A.P. RT. 326
SEC. 136RS-3, CR&(10-4)RS-1
LOADING HL-93
STR. NO. 010-8151

NAME PLATE

See Std. 515001



LOCATION SKETCH

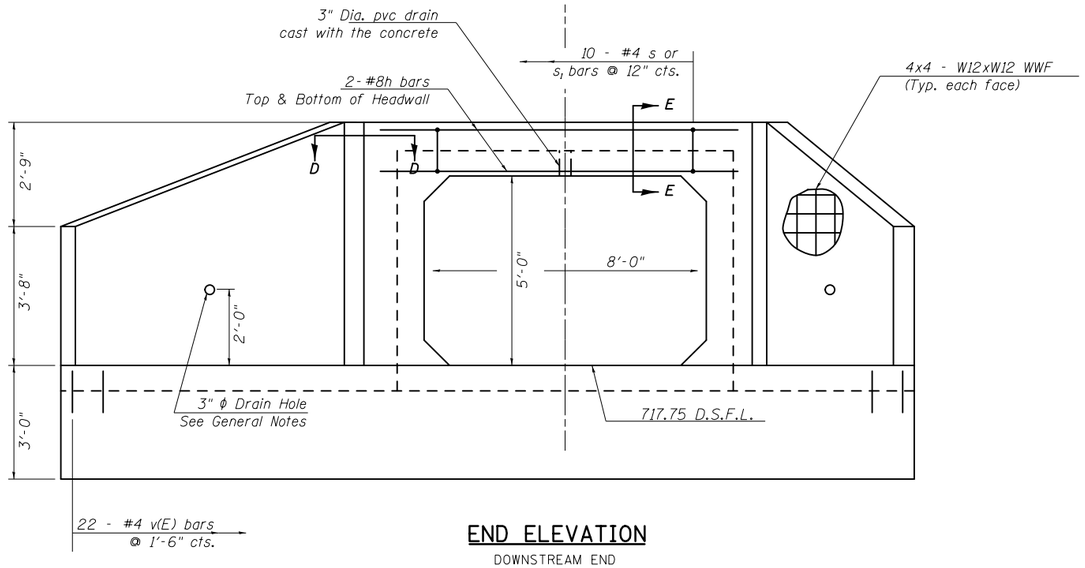
GENERAL PLAN AND ELEVATION
SINGLE 8' X 5' PRECAST BOX CULVERT
F.A.P. 326 RTE. IL 47 SEC. 136RS-3,CR&(10-4)RS-1
CHAMPAIGN COUNTY
STATION 181+27.00
S.N. 010-8151

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

STA. 181 + 27.00 PROPOSED SN 010-8151
BOX CULVERT NO. 2

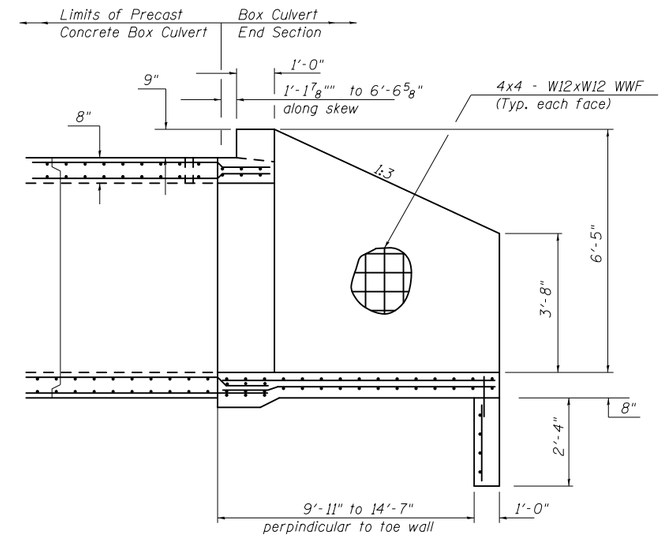
SHEET NO. 01 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	174
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		



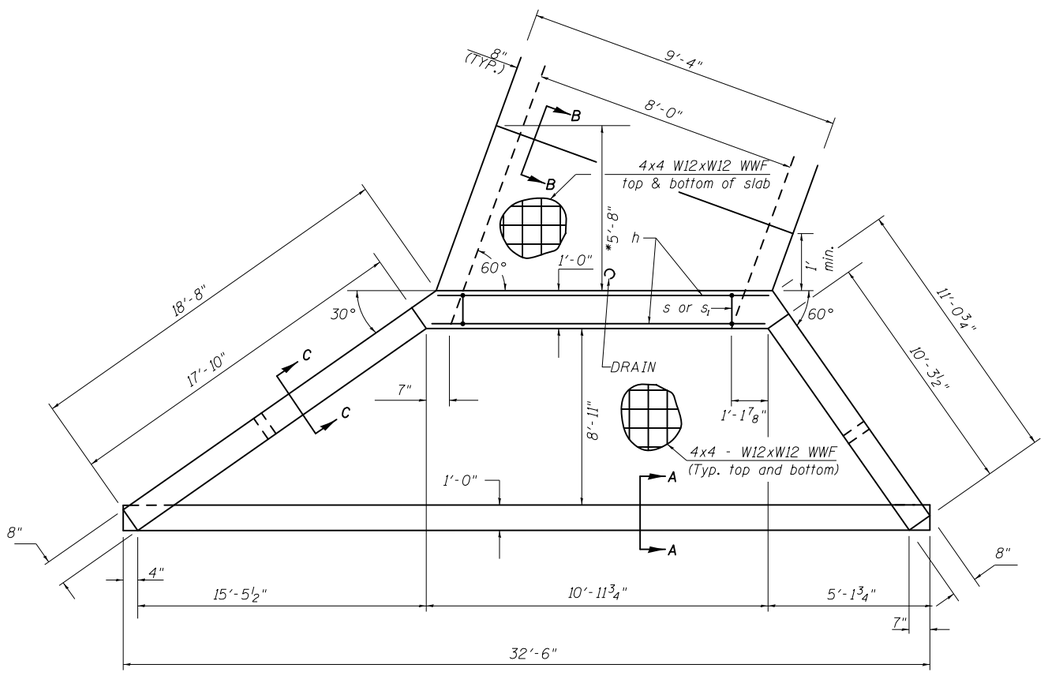
END ELEVATION

DOWNSTREAM END
(NOT TO SCALE)



HALFSIDE ELEVATION

DOWNSTREAM END
(NOT TO SCALE)



PLAN

DOWNSTREAM END
(NOT TO SCALE)

*Dimension shall be increased by 3'-0" if the Contractor elects to use the precast option for the Box Culver End Sections. See Special Provisions.

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Details for Double Cell Box Culvert shown. Details for Triple Cell Box Culvert similar.

The details contained herein are for constructing the end sections using cast-in-place (CIP) construction. The Contractor may propose to furnish the end sections using precast construction methods and the end sections may consist of multiple precast concrete segments. The Contractor shall be responsible for determining all details associated with the precast option including any strengthening or stiffening provisions necessary for handling the precast segments. Conceptual details followed by shop drawings and design calculations sealed by an Illinois Licensed Structural Engineer shall be submitted to the Engineer for review and approval. Elements of the precast option shall at a minimum result in the same wingwall geometry and not have a thickness less than that detailed herein. The option to construct the end sections using precast construction methods shall be at no additional charge.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than ½" nor more than 2".

The contractor may use reinforcement bars in lieu of welded wire fabric (WWF). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWF. Minimum lap lengths detailed herein are applicable to WWF and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the precast concrete box culvert segments immediately adjacent to the box culvert end sections that is being lapped with the end section reinforcement shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.

Reinforcement bars designated (E) shall be epoxy coated.

Class SI concrete shall be used for construction of the end section.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

BILL OF MATERIAL(DOWNSTREAM END)

For Information Only
(Downstream End Section)

Bar	Qty.	Size	Length	Shape
h	4	#8	10'-6"	
s or s_1	10	#4	4'-0"	
v(E)	22	#4	2'-0"	

Item	Unit	Total
Concrete Box Culverts	Cu. Yd.	15.8
Reinforcement Bars	Pound	169.0
Welded Wire Fabric	Sq. Ft.	864.0

END SECTION DETAILS
SINGLE 8'x5' PRECAST BOX CULVERT
F.A.P. ROUTE 326
SECTION 136RS-3, CR&(10-4)RS-1
CHAMPAIGN COUNTY
STATION 181+27.00, S.N. 010-8151
CULVERT NO. 2

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

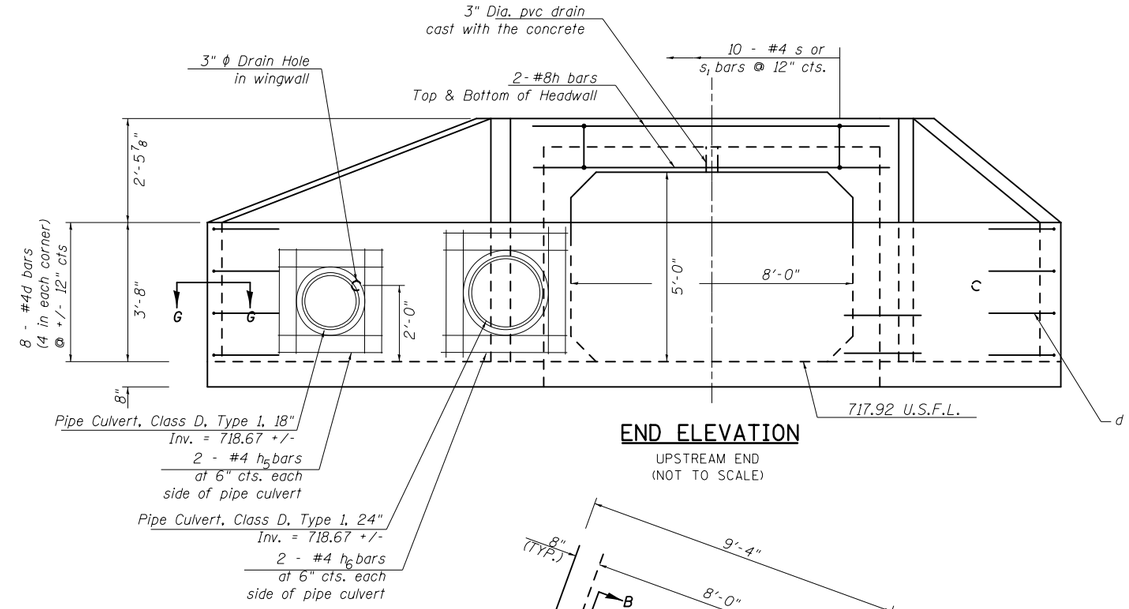
CONCRETE BOX CULVERT
APRON END SECTION DETAILS, CULVERT NO. 2 (DOWNSTREAM END)

SHEET NO. 02 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	175

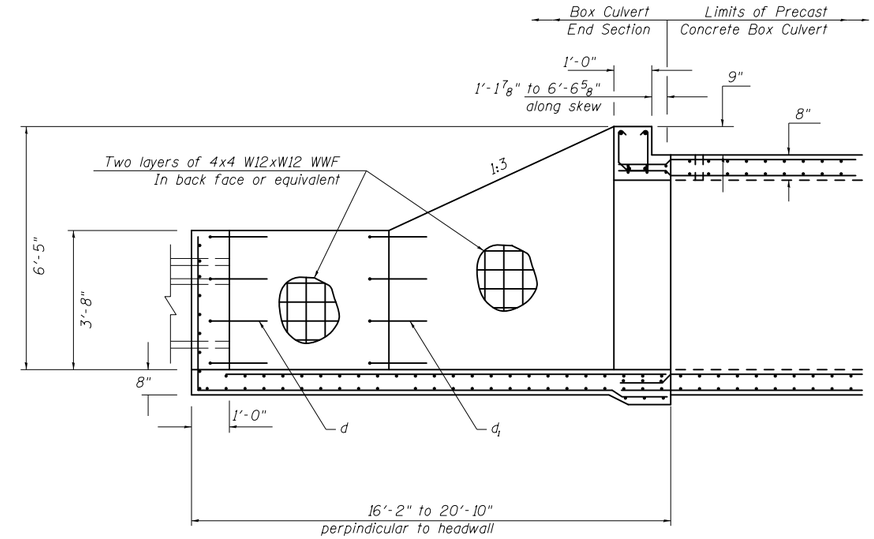
CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



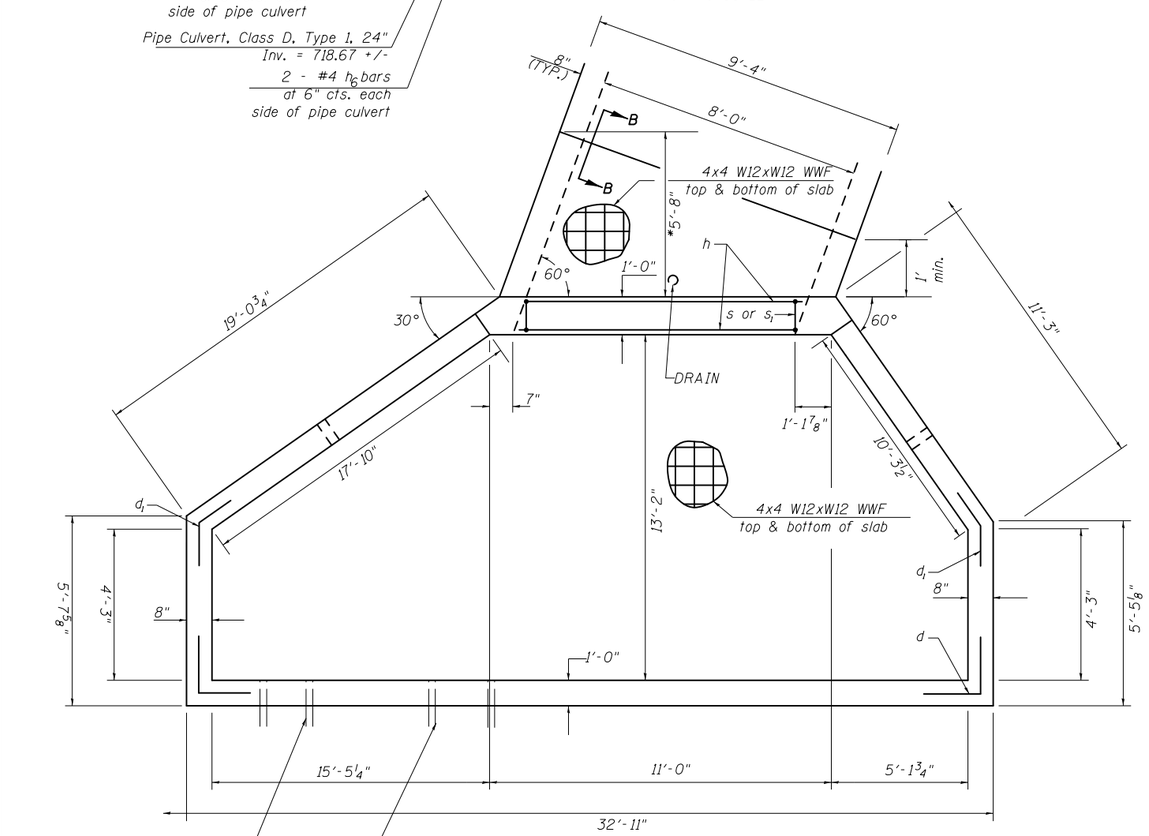
END ELEVATION

UPSTREAM END
(NOT TO SCALE)



HALFSIDE ELEVATION

UPSTREAM END
(NOT TO SCALE)



PLAN

UPSTREAM END
(NOT TO SCALE)

*Dimension shall be increased by 3'-0" if the Contractor elects to use the precast option for the Box Culver End Sections. See Special Provisions.

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Details for Double Cell Box Culvert shown. Details for Triple Cell Box Culvert similar.

The details contained herein are for constructing the end sections using cast-in-place (CIP) construction. The Contractor may propose to furnish the end sections using precast construction methods and the end sections may consist of multiple precast concrete segments. The Contractor shall be responsible for determining all details associated with the precast option including any strengthening or stiffening provisions necessary for handling the precast segments. Conceptual details followed by shop drawings and design calculations sealed by an Illinois Licensed Structural Engineer shall be submitted to the Engineer for review and approval. Elements of the precast option shall at a minimum result in the same wingwall geometry and not have a thickness less than that detailed herein. The option to construct the end sections using precast construction methods shall be at no additional charge.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2".

The contractor may use reinforcement bars in lieu of welded wire fabric (WWF). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWF. Minimum lap lengths detailed herein are applicable to WWF and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the precast concrete box culvert segments immediately adjacent to the box culvert end sections that is being lapped with the end section reinforcement shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.

Reinforcement bars designated (E) shall be epoxy coated.

Class SI concrete shall be used for construction of the end section.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

BILL OF MATERIAL (UPSTREAM END)

For Information Only
(Upstream End Section)

Bar	Qty.	Size	Length	Shape
h	4	#8	10'-6"	
s or s_1	10	#4	4'-0"	
d	8	#4	4'-0"	
d_1	8	#4	4'-0"	

Item	Unit	Total
Concrete Box Culverts	Cu. Yd.	29.0
Reinforcement Bars	Pound	349.0
Welded Wire Fabric	Sq. Ft.	1229.0

END SECTION DETAILS
SINGLE 8'x5' PRECAST BOX CULVERT
F.A.P. ROUTE 326
SECTION 136RS-3, CR&(10-4)RS-1
CHAMPAIGN COUNTY
STATION 181+27.00, S.N. 010-8151
CULVERT NO. 2

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

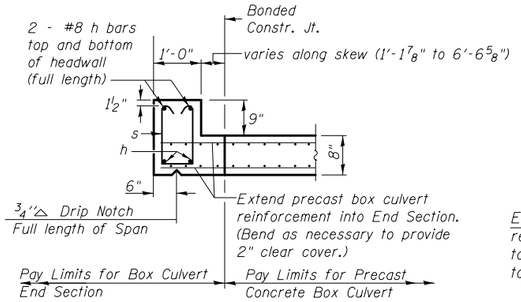
CONCRETE BOX CULVERT
DROP END SECTION DETAILS, CULVERT NO. 2 (UPSTREAM END)

SHEET NO. 03 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	176

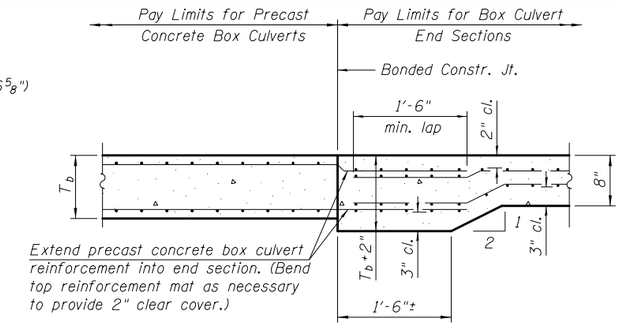
CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



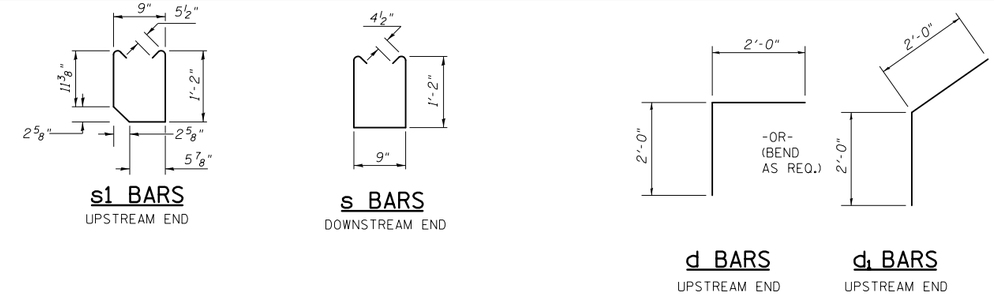
SECTION E-E

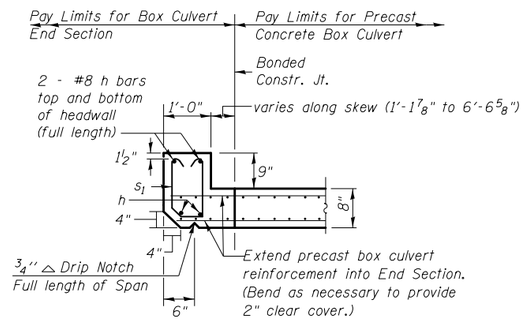
TOP SLAB / HEADWALL DOWNSTREAM END



SECTION B-B

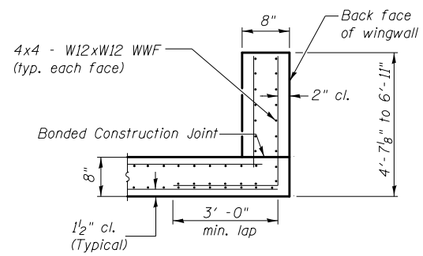
(Bottom slab)





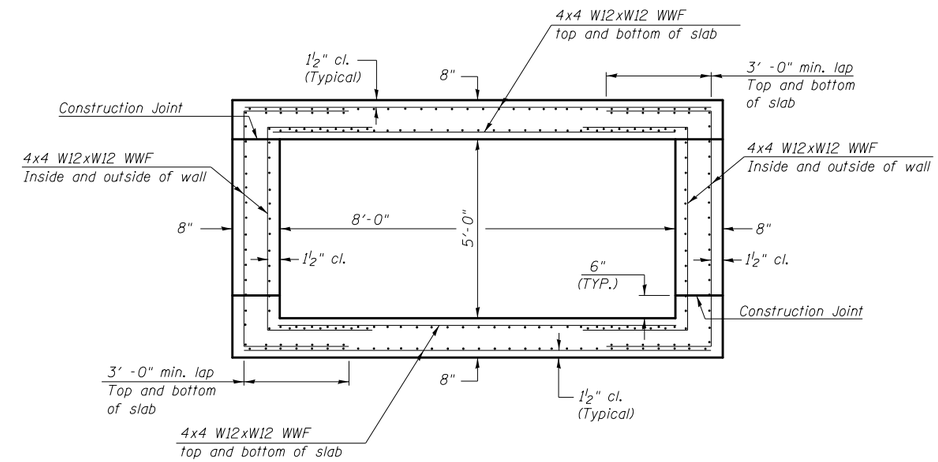
SECTION E-E

TOP SLAB / HEADWALL UPSTREAM END



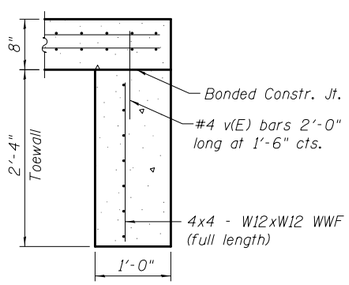
SECTION C-C

WINGWALLS

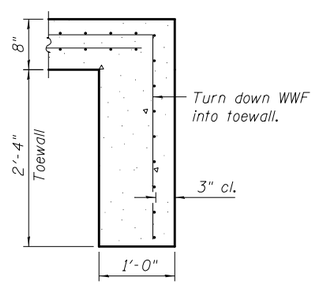


CAST-IN-PLACE SECTION OF BOX CULVERT TO BE BUILT IN FIELD

(PRE-CAST CONSTRUCTION METHOD ALLOWED)
SEE SPECIAL PROVISIONS



SECTION A-A

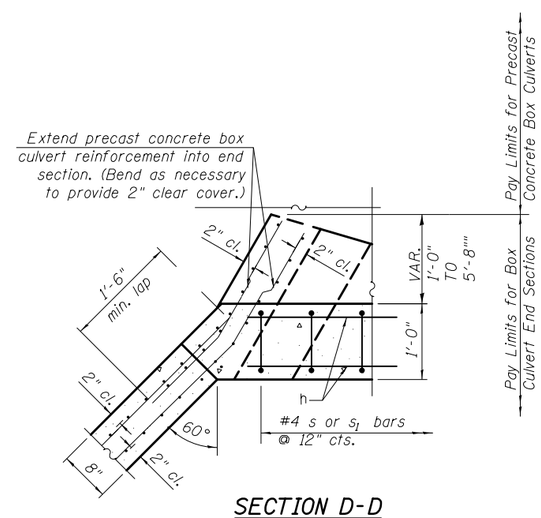


ALT. SECTION A-A

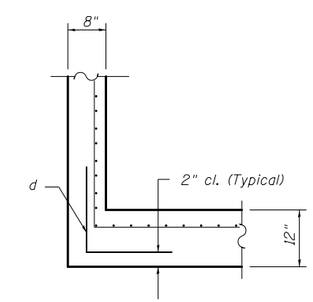
TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and prepare bedding for box culvert end sections.
3. Construct remainder of box culvert end section.

Note: If soil conditions permit, the toewall may be poured monolithically with the bottom slab of the end section using Alt. Section A-A subject to approval from the Engineer.



SECTION D-D



SECTION G-G

CORNER OF UPSTREAM DROP STRUCTURE

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

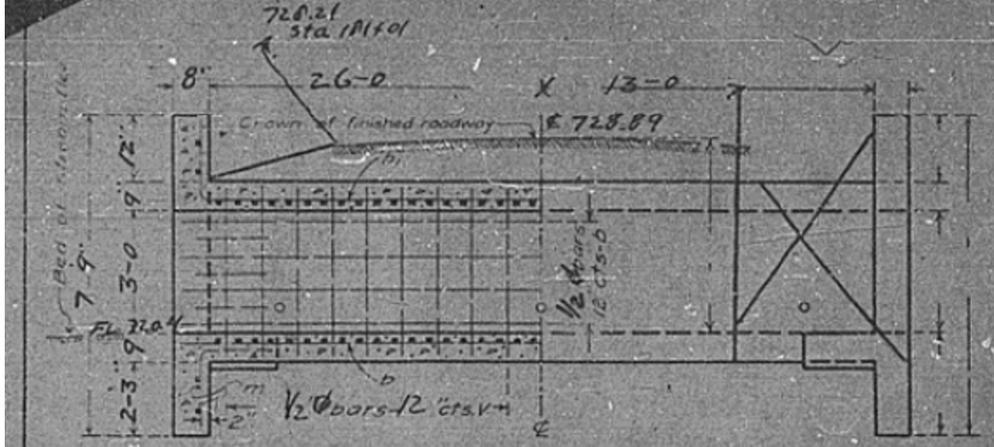
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE BOX CULVERT
APRON END SECTION DETAILS, CULVERT NO. 2

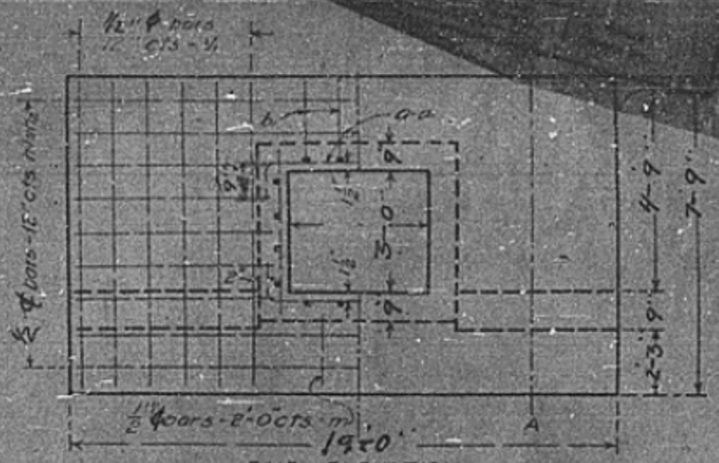
SHEET NO. 04 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	177
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		

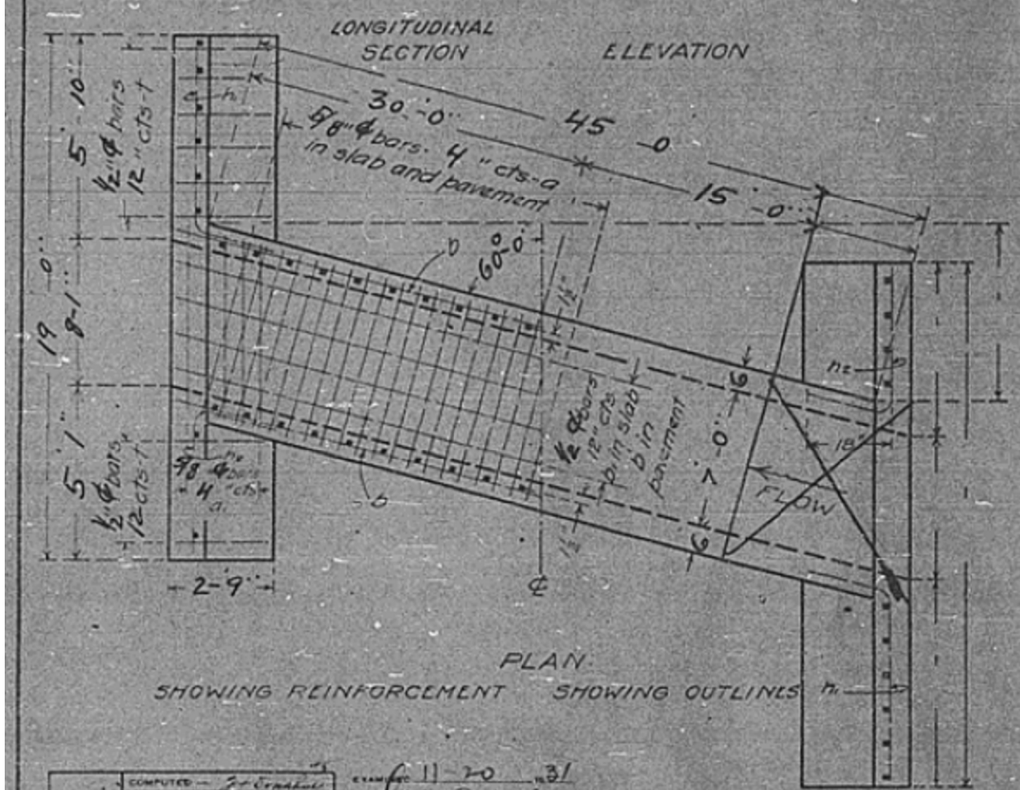
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS



LONGITUDINAL SECTION ELEVATION



END ELEVATION
SHOWING REINFORCEMENT SHOWING OUTLINES



PLAN
SHOWING REINFORCEMENT SHOWING OUTLINES

SECTION A-A

BILL OF MATERIAL

Bars	No.	Size	Length
V	90	½ ϕ	4-3
V₁	10	½ ϕ	7-6
n	5	½ ϕ	10-6
n₁	3	½ ϕ	7-3
n₂	3	½ ϕ	5-9
a	244	⅝ ϕ	9-3
a₁	52	⅝ ϕ	10-3
b	24	½ ϕ	24-0
b₁	16	½ ϕ	24-6
l	10	½ ϕ	3-3
m	4	½ ϕ	5-0
Steel - Lbs.			3990
Concrete - Cu. Yds.			29.8

Class X concrete to be used throughout. Proportions 1:2:4. Use "m" bars in downstream headwall only.

Note - Steel of old culvert to be tied in with new steel

SPECIAL CULVERT EXT.
SBI RT 47, Con. Sec. 136
Champaign Co.
Sta. 181+16

1118

STANDARD	COMPUTED	J.F. Gradwohl
	CHECKED	Geo. Thilborn
	DRAWN	J.H.B.
	CHECKED	
SPECIAL	ASSEMBLED	L.P.G.
	CHECKED	J.M.

Examined 11-20 1931
G. J. Bruce, State Bridge Engineer
Passed R. J. Brunner, Engineer of Design
Approved Frank L. Sheets, Chief Highway Engineer

FOR INFORMATION ONLY

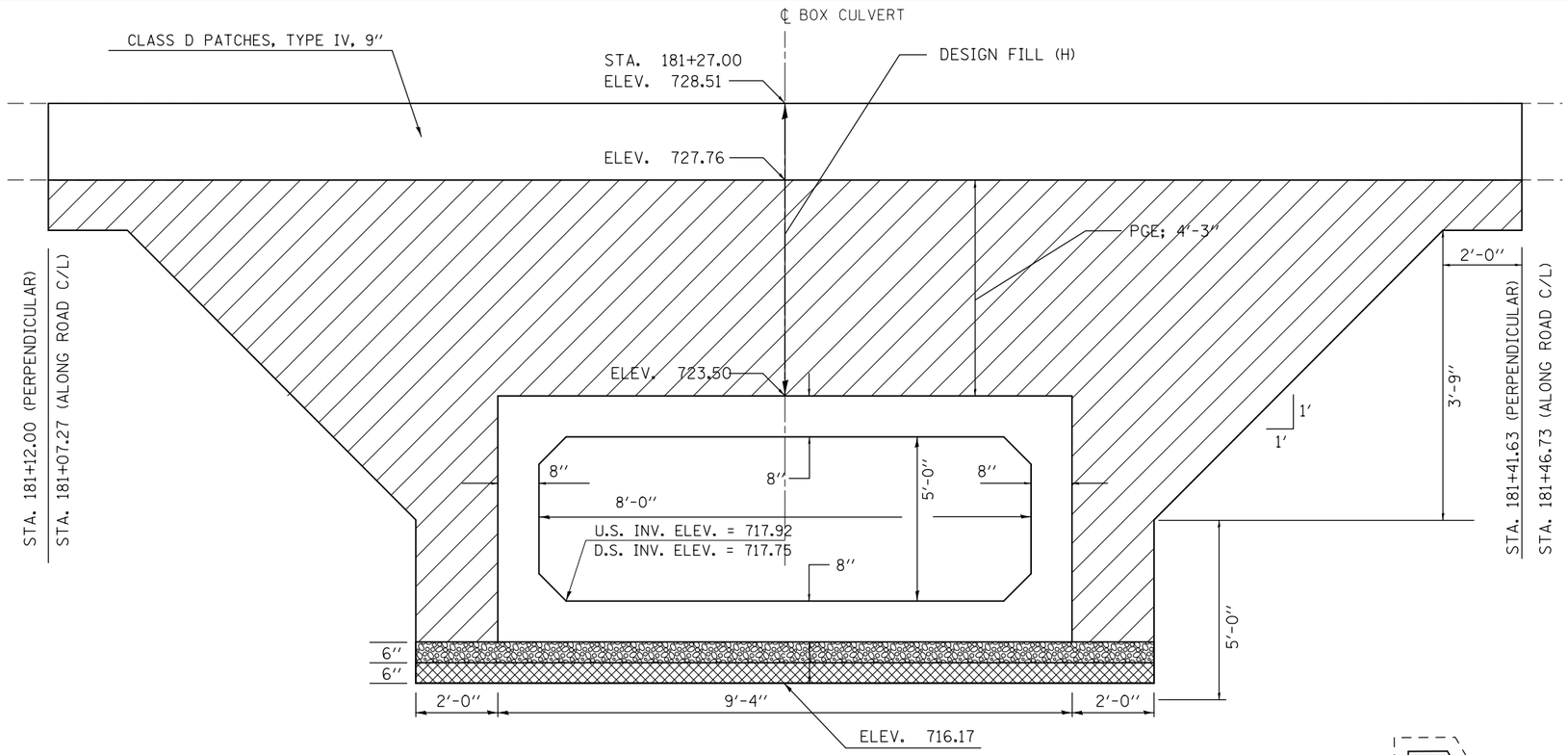
FILE NAME =	USER NAME =	DESIGNED -	REVISED
		CHECKED -	REVISED
	PLOT SCALE =	DRAWN -	REVISED
	PLOT DATE =	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

AS BUILT – CONCRETE BOX CULVERT
EXISTING SN 010-8063

SHEET NO. 05 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	178
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		



DRAWING NOT TO SCALE

POROUS GRANULAR EMBANKMENT

POROUS GRANULAR EMBANKMENT SHALL EXTEND 2 FT. BEYOND THE AGGREGATE SHOULDER

THE WORK SHOWN IN THE DETAIL SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 207 AND ARTICLE 540 OF THE STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR POROUS GRANULAR EMBANKMENT.

THE AREA TO BE EXCAVATED FOR THE PROPOSED BOX CULVERT SHALL NOT BE MEASURED FOR PAYMENT. THE COST OF THE EXCAVATION SHALL BE INCLUDED IN THE COST OF PRECAST CONCRETE BOX CULVERTS.

STONE RIPRAP, CLASS A1

STONE RIPRAP, CLASS A1 SHALL BE USED DUE TO UNSTABLE SOIL CONDITIONS

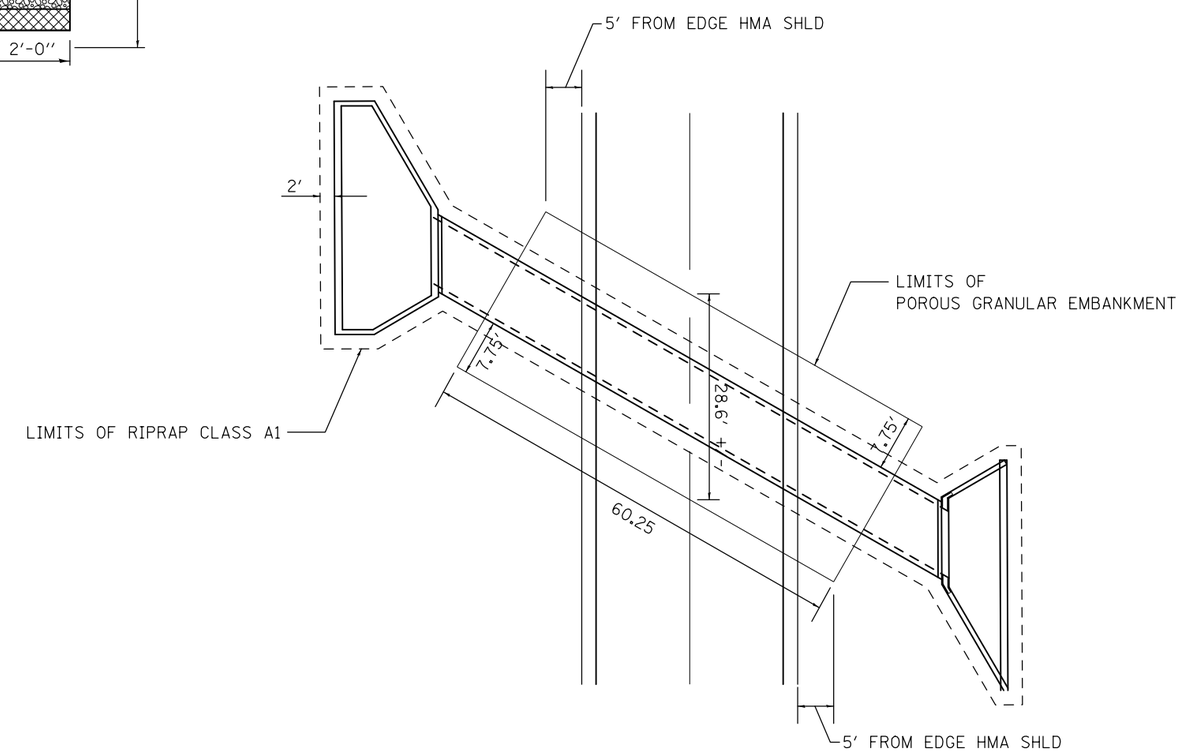
THE WORK SHOWN IN THE DETAIL SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 281 OF THE STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR STONE RIPRAP, CLASS A1.

THE EXCAVATION AND REMOVAL OF THE UNSUITABLE MATERIAL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITH THE PAY ITEM FOR STONE RIPRAP, CLASS A1.

BILL OF MATERIAL

Item	*Unit*	*Total*
POROUS GRANULAR EMBANKMENT	*CU YD*	*223.0*
STONE RIPRAP, CLASS A1	*TON*	*54.0*



LEGEND	
	POROUS GRANULAR EMBANKMENT (CA-6)
	POROUS GRANULAR MATERIAL (CA-7) (6″) INCLUDED WITH PRECAST BOX CULVERT
	STONE RIPRAP, CLASS A1

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

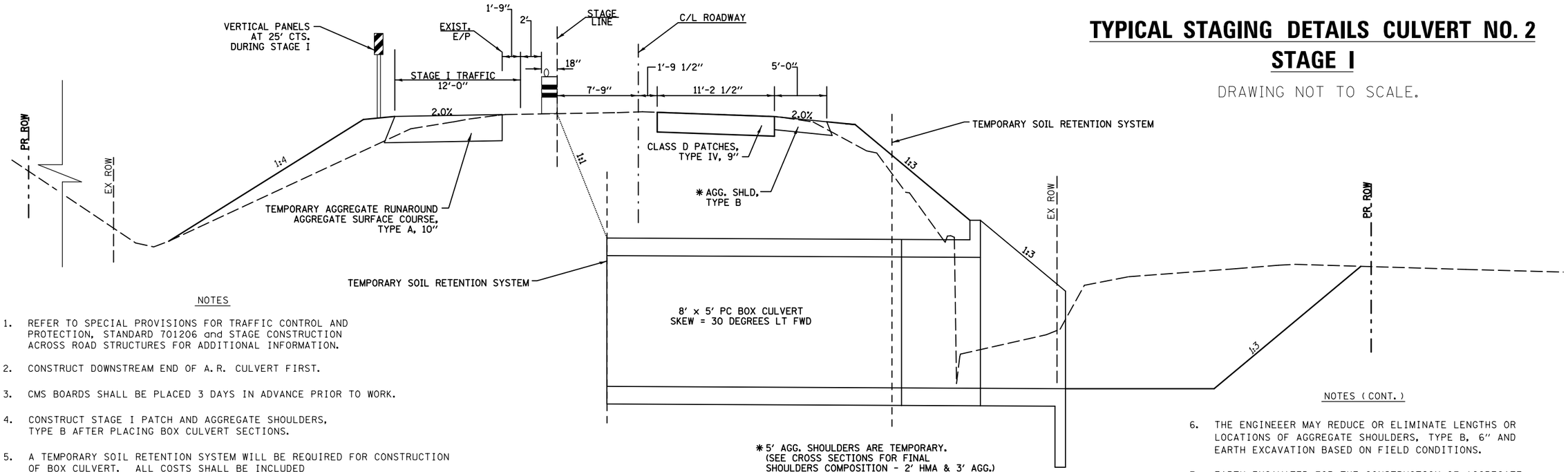
POPOROUS GRANULAR EMBANKMENT DETAIL
S.N. 010-8151, CULVERT NO. 2

SHEET NO. 06 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	179
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		

TYPICAL STAGING DETAILS CULVERT NO. 2
STAGE I

DRAWING NOT TO SCALE.



NOTES

1. REFER TO SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION, STANDARD 701206 and STAGE CONSTRUCTION ACROSS ROAD STRUCTURES FOR ADDITIONAL INFORMATION.
2. CONSTRUCT DOWNSTREAM END OF A.R. CULVERT FIRST.
3. CMS BOARDS SHALL BE PLACED 3 DAYS IN ADVANCE PRIOR TO WORK.
4. CONSTRUCT STAGE I PATCH AND AGGREGATE SHOULDERS, TYPE B AFTER PLACING BOX CULVERT SECTIONS.
5. A TEMPORARY SOIL RETENTION SYSTEM WILL BE REQUIRED FOR CONSTRUCTION OF BOX CULVERT. ALL COSTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY SOIL RETENTION SYSTEM.

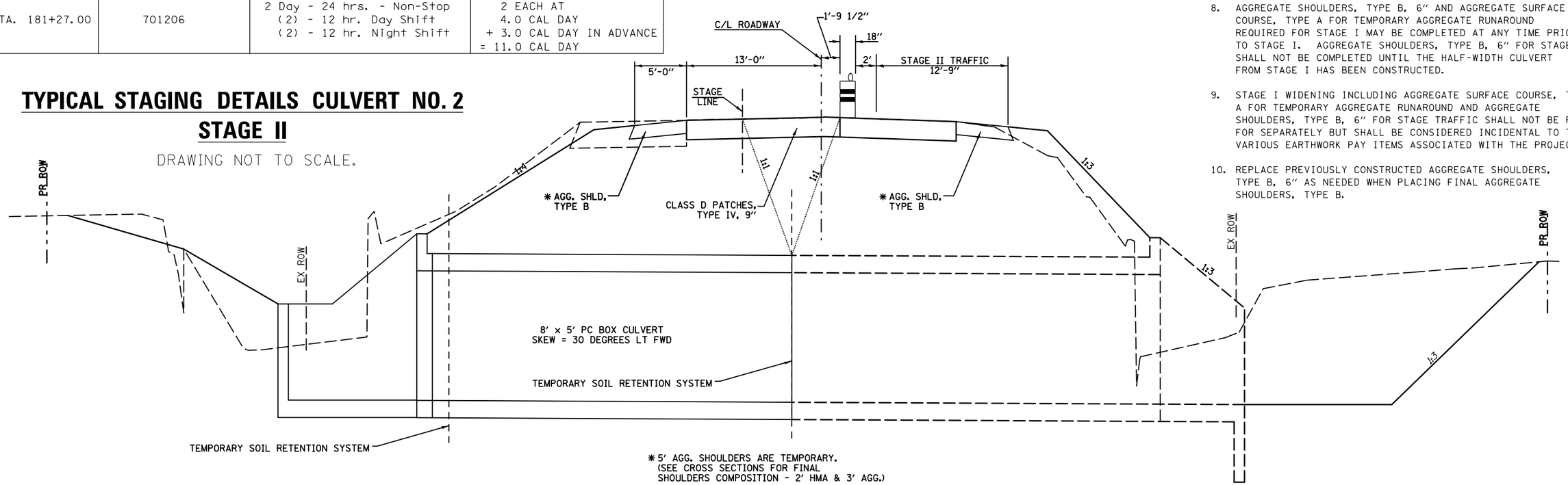
A.R. CULVERT LOCATION	TRAFFIC CONTROL STANDARD	ESTIMATED TIME	CHANGEABLE MESSAGE SIGNS
STA. 181+27.00	701206	2 Day - 24 hrs. - Non-Stop (2) - 12 hr. Day Shift (2) - 12 hr. Night Shift	2 EACH AT 4.0 CAL DAY + 3.0 CAL DAY IN ADVANCE = 11.0 CAL DAY

NOTES (CONT.)

6. THE ENGINEER MAY REDUCE OR ELIMINATE LENGTHS OR LOCATIONS OF AGGREGATE SHOULDERS, TYPE B, 6" AND EARTH EXCAVATION BASED ON FIELD CONDITIONS.
7. EARTH EXCAVATED FOR THE CONSTRUCTION OF AGGREGATE SHOULDERS, TYPE B, 6" SHALL BE DEPOSITED AND GRADED TO SMOOTH THE FORESLOPES. THIS EXCAVATED EARTH WILL BE INCLUDED IN THE FINAL CROSS-SECTION VOLUMES FOR EARTHWORK BALANCE/WASTE CALCULATIONS.
8. AGGREGATE SHOULDERS, TYPE B, 6" AND AGGREGATE SURFACE COURSE, TYPE A FOR TEMPORARY AGGREGATE RUNAROUND REQUIRED FOR STAGE I MAY BE COMPLETED AT ANY TIME PRIOR TO STAGE I. AGGREGATE SHOULDERS, TYPE B, 6" FOR STAGE II SHALL NOT BE COMPLETED UNTIL THE HALF-WIDTH CULVERT FROM STAGE I HAS BEEN CONSTRUCTED.
9. STAGE I WIDENING INCLUDING AGGREGATE SURFACE COURSE, TYPE A FOR TEMPORARY AGGREGATE RUNAROUND AND AGGREGATE SHOULDERS, TYPE B, 6" FOR STAGE TRAFFIC SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS EARTHWORK PAY ITEMS ASSOCIATED WITH THE PROJECT.
10. REPLACE PREVIOUSLY CONSTRUCTED AGGREGATE SHOULDERS, TYPE B, 6" AS NEEDED WHEN PLACING FINAL AGGREGATE SHOULDERS, TYPE B.

TYPICAL STAGING DETAILS CULVERT NO. 2
STAGE II

DRAWING NOT TO SCALE.



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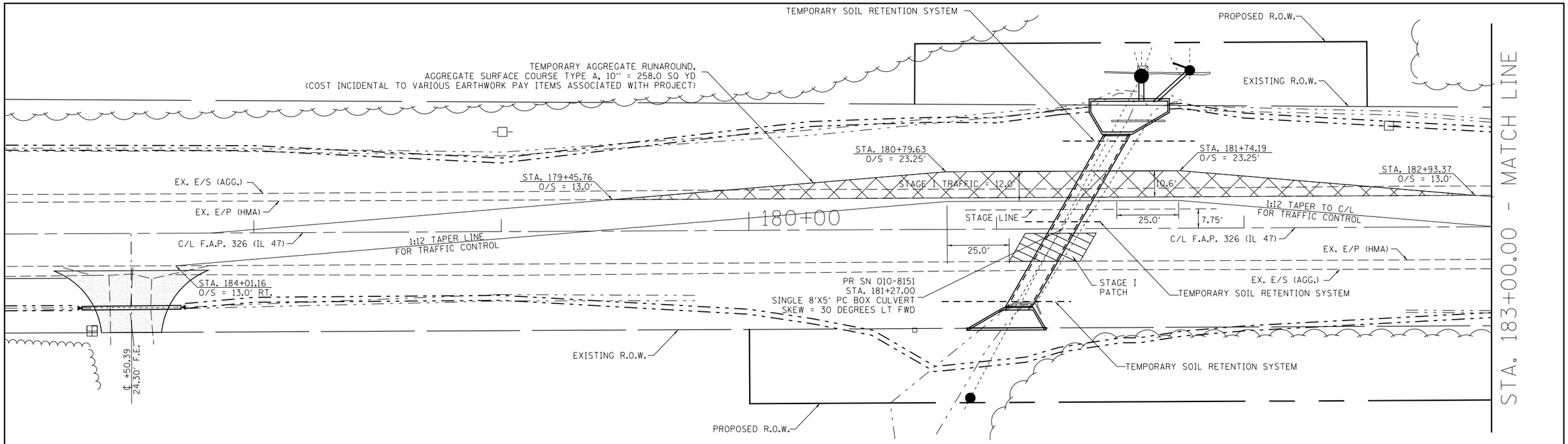
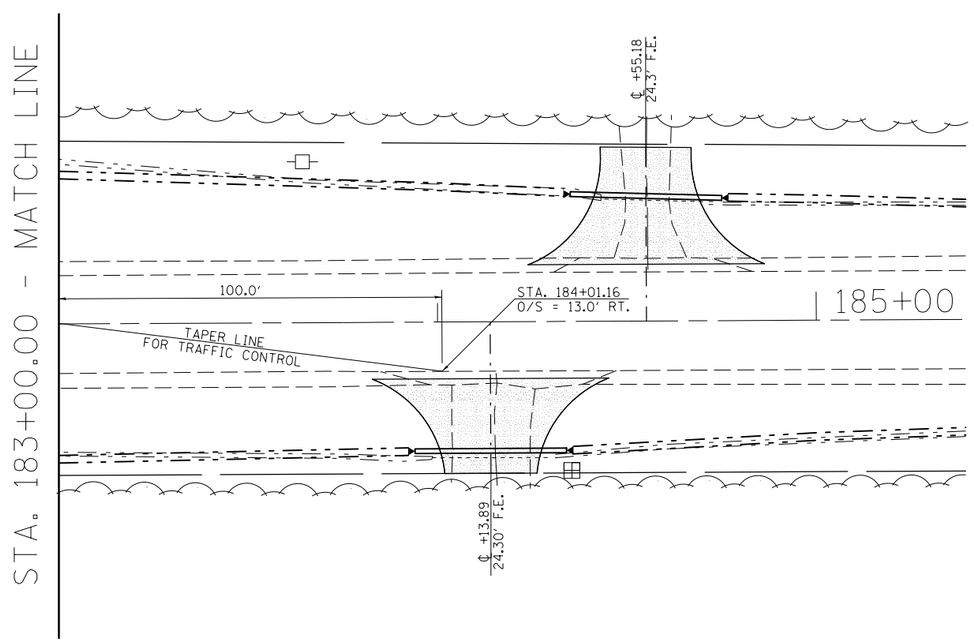
	PLOT SCALE =	DRAWN -	REVISED
	PLOT DATE =	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING DETAILS
S.N. 010-8151, CULVERT NO. 2
SHEET NO. 07 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	180
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		





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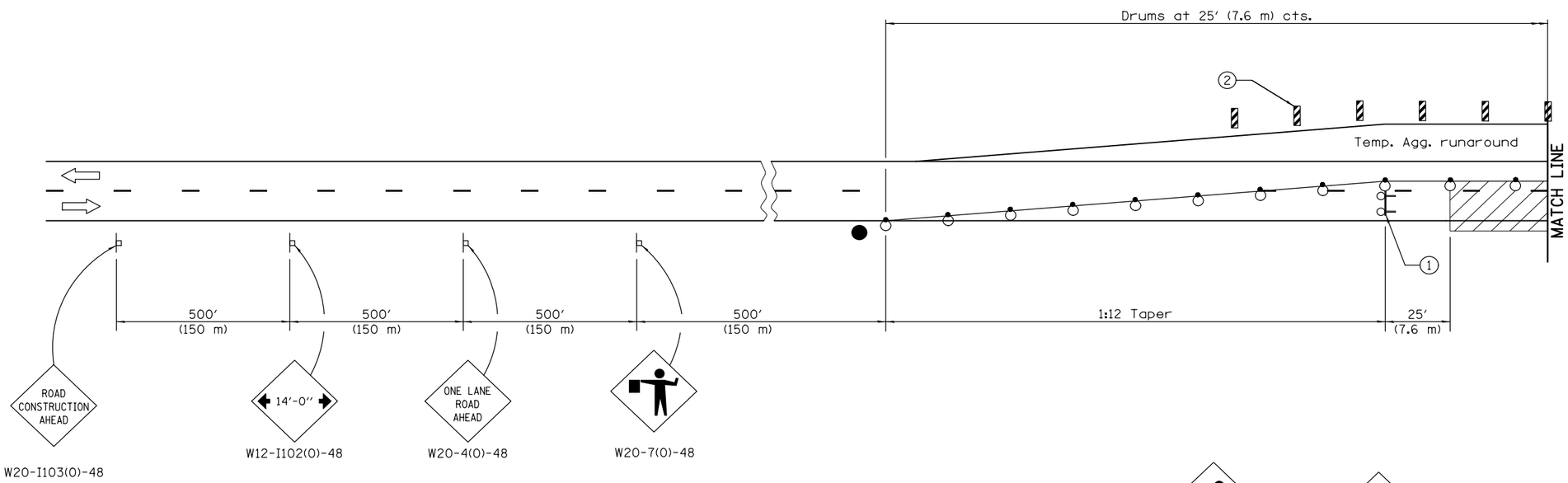
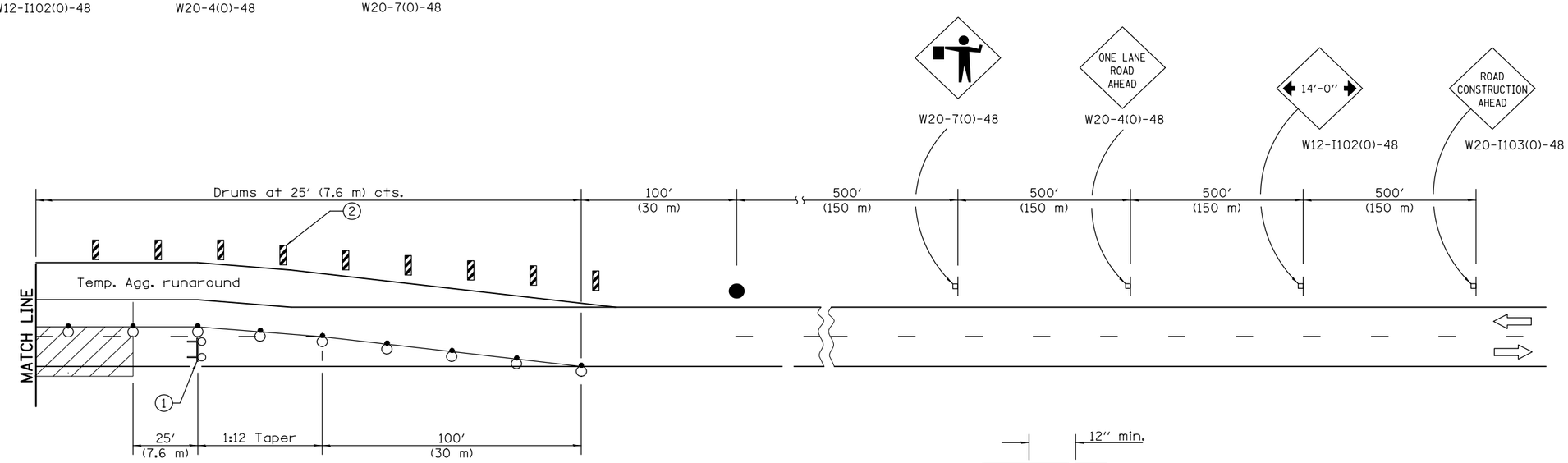
		DRAWN -	REVISED -			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	181
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 70844		
	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: 1" = 40' SHEET 01 OF 01 SHEETS STA. 177+00.00 TO STA. 185+00.00		ILLINOIS FED. AID PROJECT			

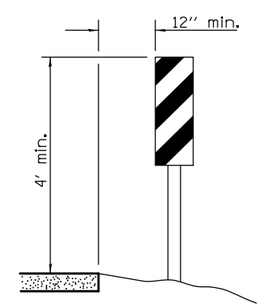


① Type III barricade to be placed when no work is being performed.

② Vertical panels at 25' (7.6 m) cts.



Type III barricade with flashing lights



VERTICAL PANELS

(Post mounted, one each side)

SYMBOLS

- Work area
- Sign
- Flagger
- Type III barricade with flashing lights
- Drum with steady burning light
- Double vertical panel (see detail)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL FOR SHORT TERM RUNAROUND
SN 010-8151, STA. 181 + 27.00

SCALE: N/A | SHEET 01 OF 01 SHEETS | STA. ---- TO STA. ----

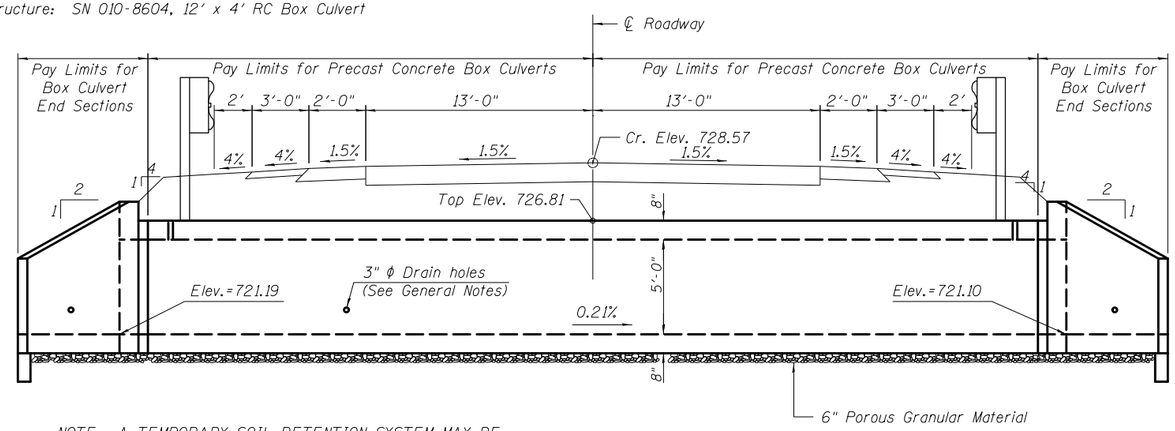
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	Champaign	474	182

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

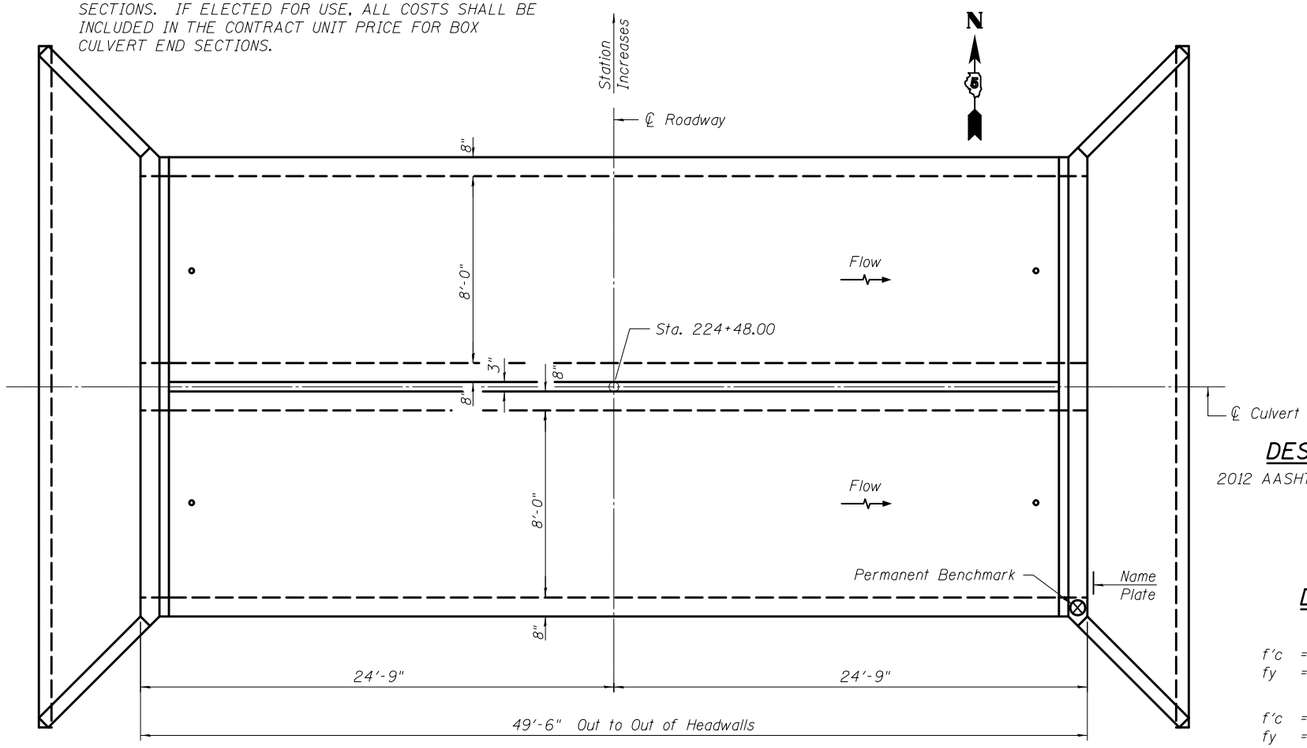
Benchmark: Top of SW corner of existing SN 010-8604, BM4875-10 - Chisled Square, Elev. = 727.22 (NAVD 88)

Existing Structure: SN 010-8604, 12' x 4' RC Box Culvert



NOTE: A TEMPORARY SOIL RETENTION SYSTEM MAY BE REQUIRED FOR CONSTRUCTION OF BOX CULVERT END SECTIONS. IF ELECTED FOR USE, ALL COSTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR BOX CULVERT END SECTIONS.

ELEVATION



PLAN

INDEX OF SHEETS

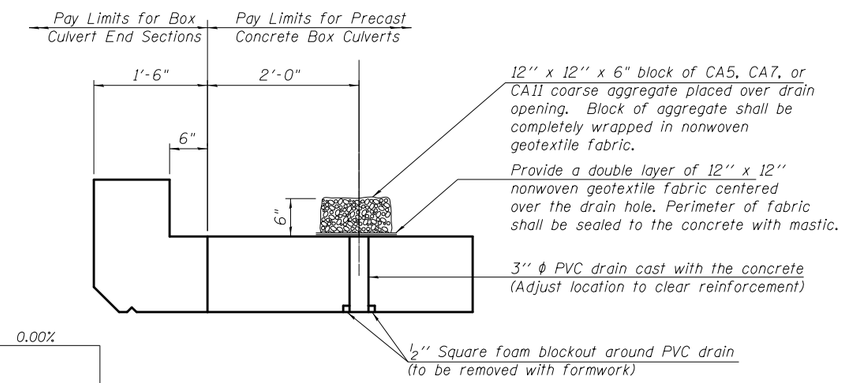
GENERAL NOTES

The design fill height for this box is 1.76' feet. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

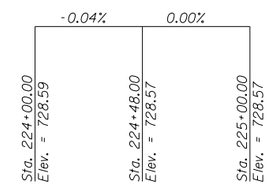
The 6 in. thick layer of porous granular material required for the precast concrete box culvert per Art. 540.06 of the Standard Specifications shall also apply to the end sections. Cost of the porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain details will not be measured for payment but shall be included in the contract unit price for the box culvert.)



PROFILE GRADE

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications
6th Edition

LOADING HL-93

DESIGN STRESSES

PRECAST UNITS

f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Fabric)

FIELD UNITS

f'c = 3,500 psi
fy = 65,000 psi (Welded Wire Fabric)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
REMOVAL OF EXISTING STRUCTURES	EACH	1
NAME PLATES	EACH	1
BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2
PRECAST CONCRETE BOX CULVERTS, 8' X 5'	FOOT	93.0
PERMANENT BENCH MARKS	EACH	1
STONE RIPRAP CLASS A1	TON	47.0
POROUS GRANULAR EMBANKMENT	CU YD	123.0

WATERWAY INFORMATION

Drainage Area = 1.16 mi.^{2} Proposed LowGrade Elev. = **728.508 ft.** @ Sta. **224+48**

Flood	Freq.	Q	Opening Sq. Ft.		Natural H.W.E.	Head - Ft.		Headwater Elevation	
	Yr.	C.F.S.	Existing	Proposed		Existing	Proposed	Existing	Proposed
	10	337	48	80				**726.94**	**725.44**
Design	50	562	48	80				**Over**	**726.68**
Base	100	664	48	80				**Over**	**727.69**
Overtopping									
Max. Calc.	500	917	48	80				**Over**	**Over**

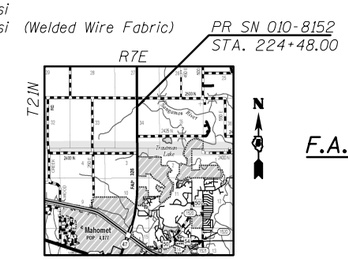
DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Upstream	Downstream
	718.19	718.10

STATION 224+48.00
BUILT 201_ BY
STATE OF ILLINOIS
F.A.P. 326 RT. IL 47
SEC. 136RS-3, CR&(10-4)RS-1
LOADING HL-93
STR. NO. 010-8152

NAME PLATE

See Std. 515001



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
DOUBLE 8' X 5' PRECAST BOX CULVERT
F.A.P. 326 RTE. IL 47 SEC. 136RS-3,CR&(10-4)RS-1
CHAMPAIGN COUNTY
STATION 224+48.00
S.N. 010-8152

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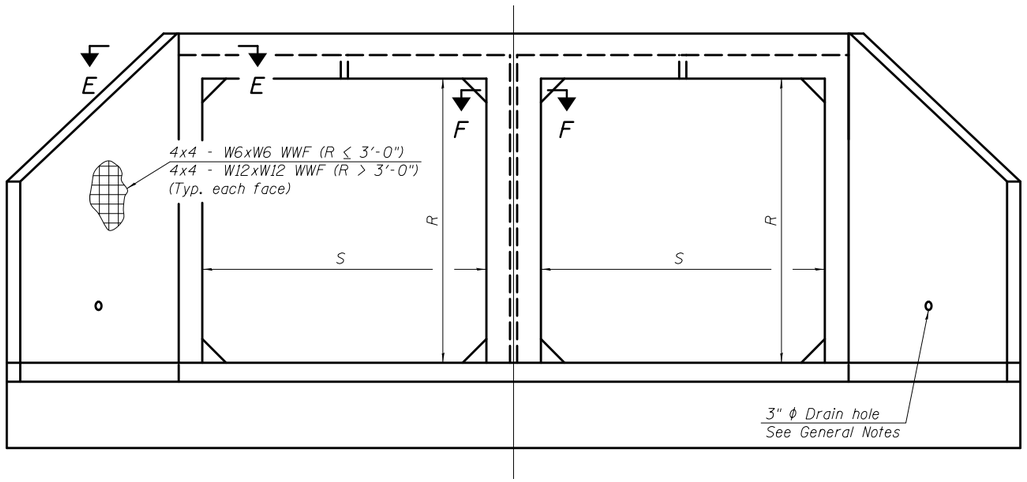
PLOT SCALE =	DRAWN -	REVISED
PLOT DATE =	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

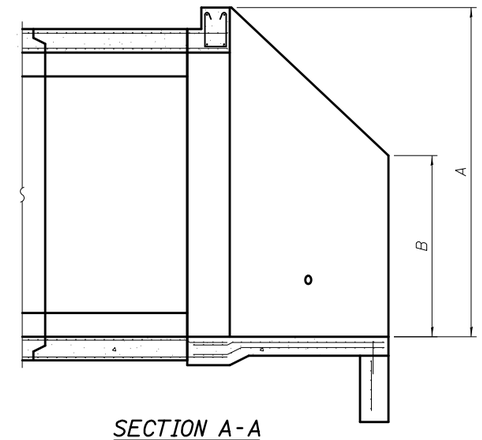
STA. 224 + 48.00 PROPOSED SN 010-8152
BOX CULVERT NO. 3

SHEET NO. 01 OF 07 SHEETS

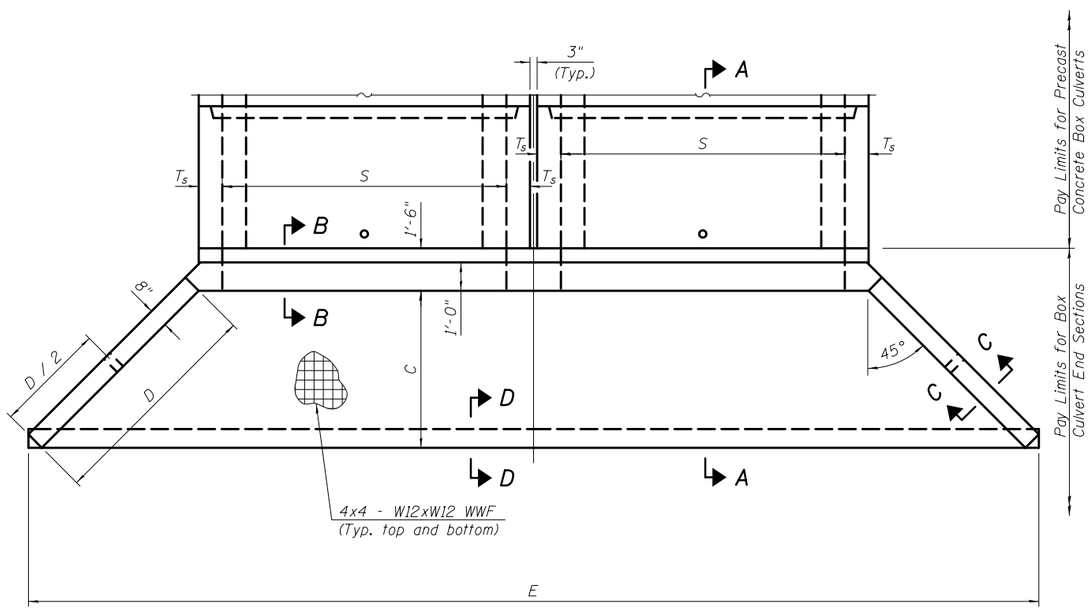
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	183
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		



END VIEW



SECTION A-A



PLAN

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Details for Double Cell Box Culvert shown. Details for Triple Cell Box Culvert similar.

The details contained herein are for constructing the end sections using cast-in-place (CIP) construction. The Contractor may propose to furnish the end sections using precast construction methods and the end sections may consist of multiple precast concrete segments. The Contractor shall be responsible for determining all details associated with the precast option including any strengthening or stiffening provisions necessary for handling the precast segments. Conceptual details followed by shop drawings and design calculations sealed by an Illinois Licensed Structural Engineer shall be submitted to the Engineer for review and approval. Elements of the precast option shall at a minimum result in the same wingwall geometry and not have a thickness less than that detailed herein. The option to construct the end sections using precast construction methods shall be at no additional charge.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than ½" nor more than 2".

The contractor may use reinforcement bars in lieu of welded wire fabric (WWF). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWF. Minimum lap lengths detailed herein are applicable to WWF and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the precast concrete box culvert segments immediately adjacent to the box culvert end sections that is being lapped with the end section reinforcement shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.

Reinforcement bars designated (E) shall be epoxy coated.

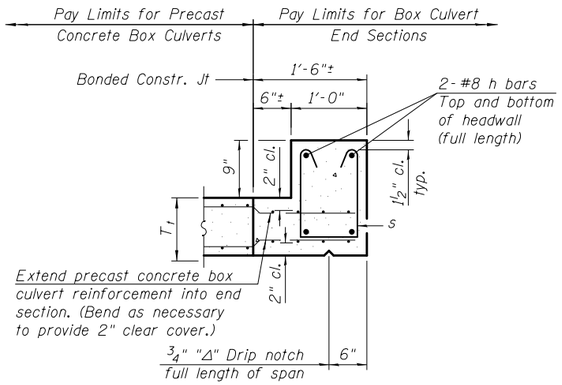
Class SI concrete shall be used for construction of the end section.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

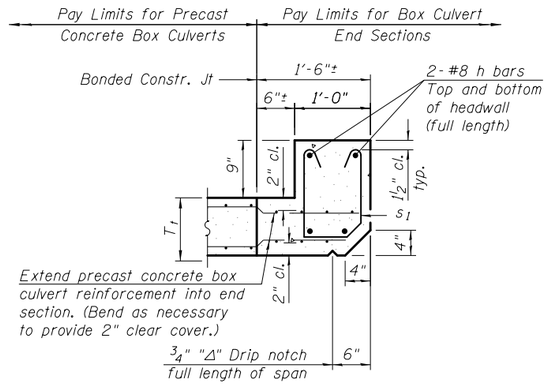
One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

APRON END SECTION DIMENSIONS

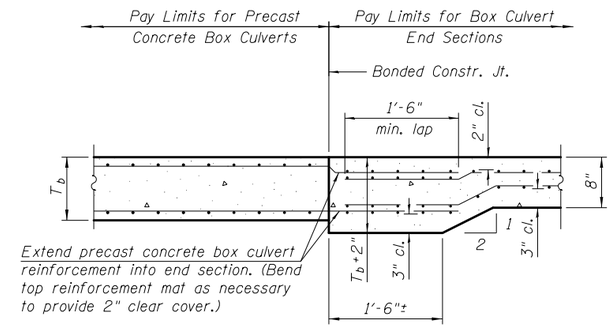
							Double Cell		Triple Cell	
Span (S)	Rise (R)	T_t, T_b, & T_s	A	B	C	D	E	Concrete Cu. Yd.	E	Concrete Cu. Yd.
7'-0"	4'-0"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	27'-9 1/8"	9.5		
7'-0"	5'-0"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	29'- 9 1/8"	11.2		
7'-0"	6'-0"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	31'-9 1/4"	13.1		
8'-0"	2'-0"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	25'-9"	7.1		
8'-0"	3'-0"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	27'-9 1/8"	8.6		
8'-0"	4'-0"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	29'-9 1/8"	10.2		
8'-0"	5'-0"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	31'-9 1/8"	11.9		
8'-0"	6'-0"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	33'-9 1/4"	13.8		
9'-0"	5'-0"	9"	6'-6"	3'-9"	6'-0 7/8"	8'-7"	34'-4"	13.2	45'-1"	17.6
9'-0"	6'-0"	9"	7'-6"	4'-3"	7'-0 1/8"	9'-11"	36'-2 5/8"	15.1	46'-11 5/8"	19.8
10'-0"	2'-0"	10"	3'-7"	2'-4"	3'-1 1/2"	4'-5"	30'-9 1/4"	9.2	42'-8 1/4"	13.0
10'-0"	3'-0"	10"	4'-7"	2'-10"	4'-1 1/2"	5'-10"	32'-9 1/4"	10.8	44'-8 1/4"	15.0
10'-0"	5'-0"	10"	6'-7"	3'-10"	6'-1 1/2"	8'-8"	36'-9 3/8"	14.5	48'-8 3/8"	19.5
10'-0"	6'-0"	10"	7'-7"	4'-4"	7'-1 1/2"	10'-1"	38'-9 3/8"	16.6	50'-8 3/8"	22.0
11'-0"	4'-0"	11"	5'-8"	3'-4"	5'-2 1/4"	7'-4"	37'-2 3/4"	13.9	50'-3 3/4"	19.1
11'-0"	6'-0"	11"	7'-8"	4'-4"	7'-2 1/4"	10'-2"	41'-2 7/8"	18.1	54'-3 7/8"	24.2
12'-0"	2'-0"	12"	3'-9"	2'-5"	3'-3 5/8"	4'-8"	35'-9 1/2"	11.6	50'-0 1/2"	16.5
12'-0"	3'-0"	12"	4'-9"	2'-11"	4'-3 5/8"	6'-1"	37'-9 1/2"	13.4	52'-0 1/2"	18.8
12'-0"	4'-0"	12"	5'-9"	3'-5"	5'-3 5/8"	7'-6"	39'-9 5/8"	15.4	54'-0 5/8"	21.2
12'-0"	6'-0"	12"	7'-9"	4'-5"	7'-3 5/8"	10'-4"	43'-9 5/8"	19.8	58'-0 5/8"	26.6



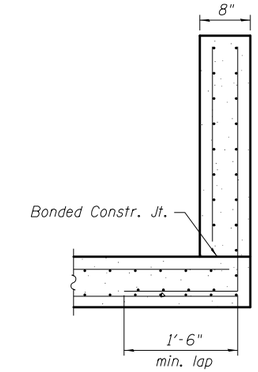
SECTION B-B
(Top slab at downstream end)



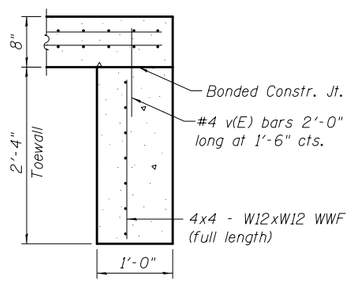
SECTION B-B
(Top slab at upstream end)



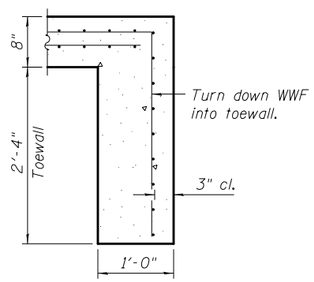
SECTION B-B
(Bottom slab)



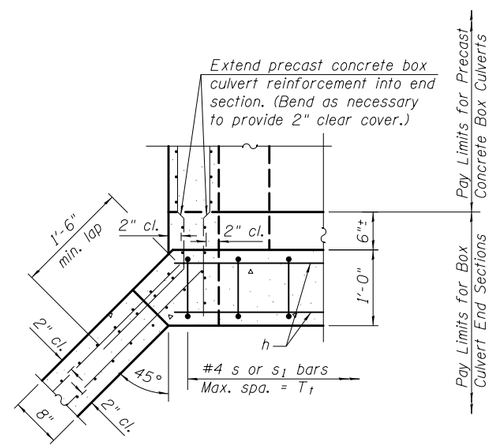
SECTION C-C



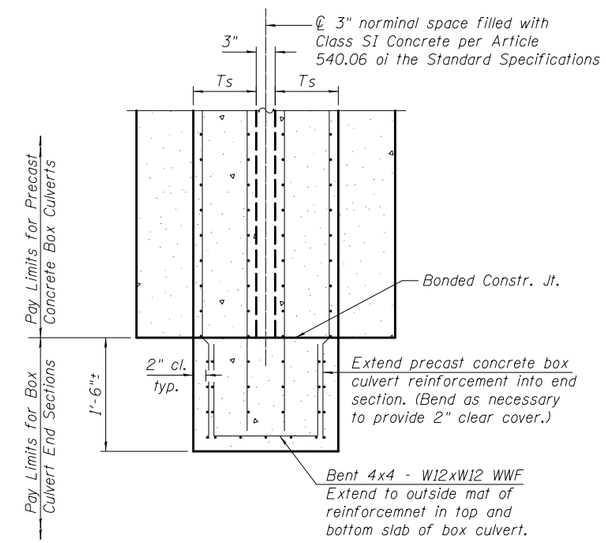
SECTION D-D



ALT. SECTION D-D



SECTION E-E

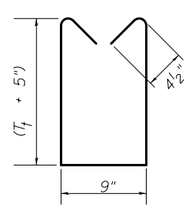


SECTION F-F

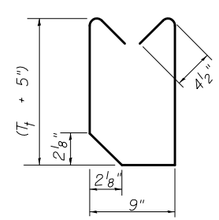
TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and prepare bedding for box culvert end sections.
3. Construct remainder of box culvert end section.

Note:
If soil conditions permit, the toewall may be poured monolithically with the bottom slab of the end section using Alt. Section D-D subject to approval from the Engineer.



BAR s



BAR s_1

BILL OF MATERIAL
For Information Only
(One End Section)

Item	Unit	Total
Concrete Box Culverts	Cu. Yd.	13.0
Reinforcement Bars	Pound	310.0
Welded Wire Fabric	Sq. Ft.	738.0

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

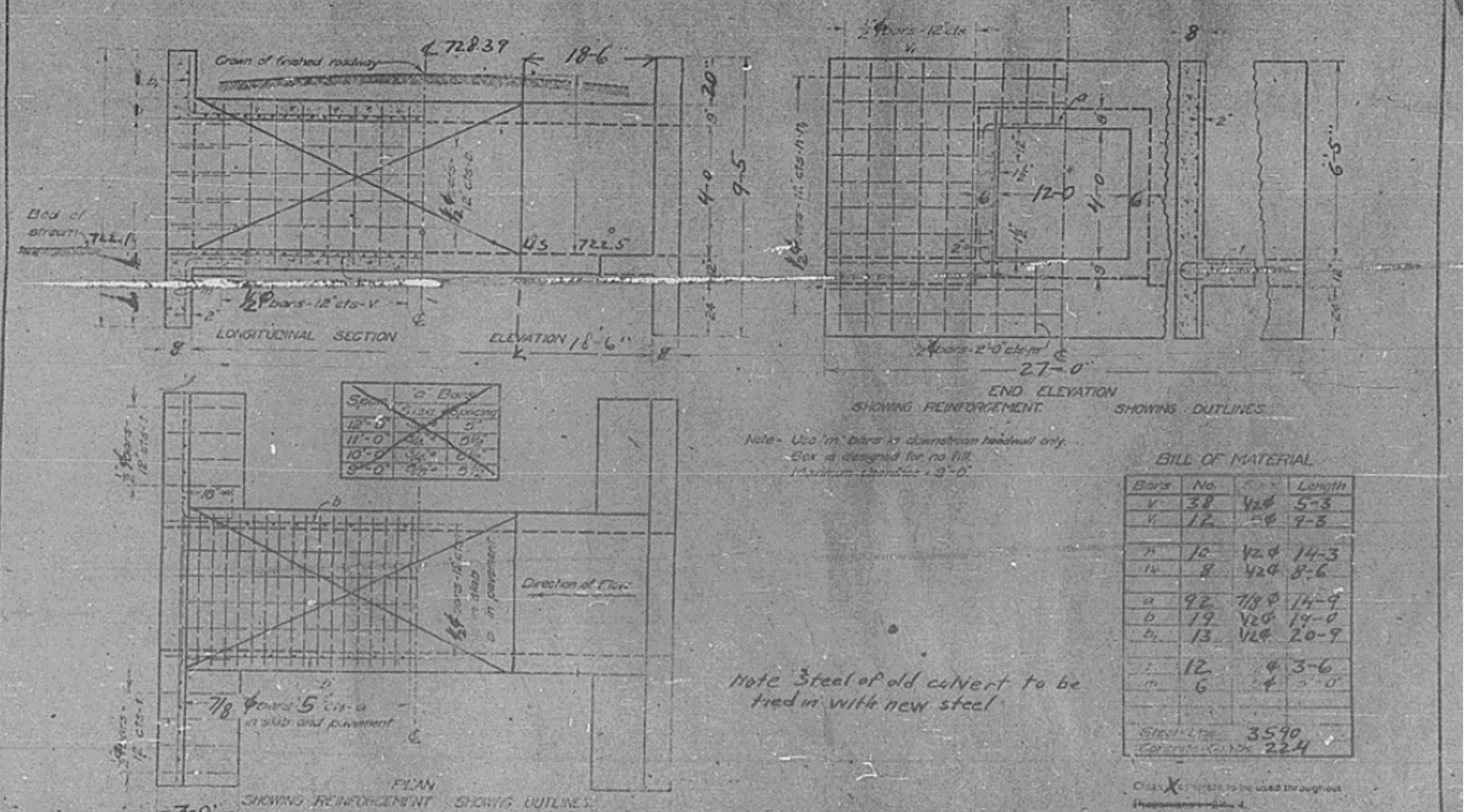
MULTI-CELL PRECAST CONCRETE BOX CULVERT
APRON END SECTION DETAILS
SHEET NO. 03 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	185
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS
STATE HIGHWAY DEPARTMENT

REINFORCED CONCRETE BOX CULVERT

BOND ISSUE ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
47	B-136	Champaign	45	38
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	202	



Spacing	'a' Bars Size	Spacing
12'-6"	[illegible]	5"
11'-0"	[illegible]	5½"
10'-0"	[illegible]	6"
9'-0"	[illegible]	5½"

BILL OF MATERIAL

Bars	No.	Size	Length
V	38	½ ϕ	5-3
V₁	12	ϕ	9-3
h	10	½ ϕ	14-3
h₁	8	½ ϕ	8-6
a	92	7/8 ϕ	14-9
b	19	½ ϕ	14-0
b₁	13	½ ϕ	20-9
l	12	ϕ	3-6
m	6	ϕ	2'-0"
Steel-Lbs.			3590
Concrete-Cu.Yds.			224

Class X concrete to be used throughout.

SPECIAL CULVERT EXTENSION
SBI RT 47, COM SEC-136
CHAMPAIGN CO
STA. 224+36

FOR INFORMATION ONLY

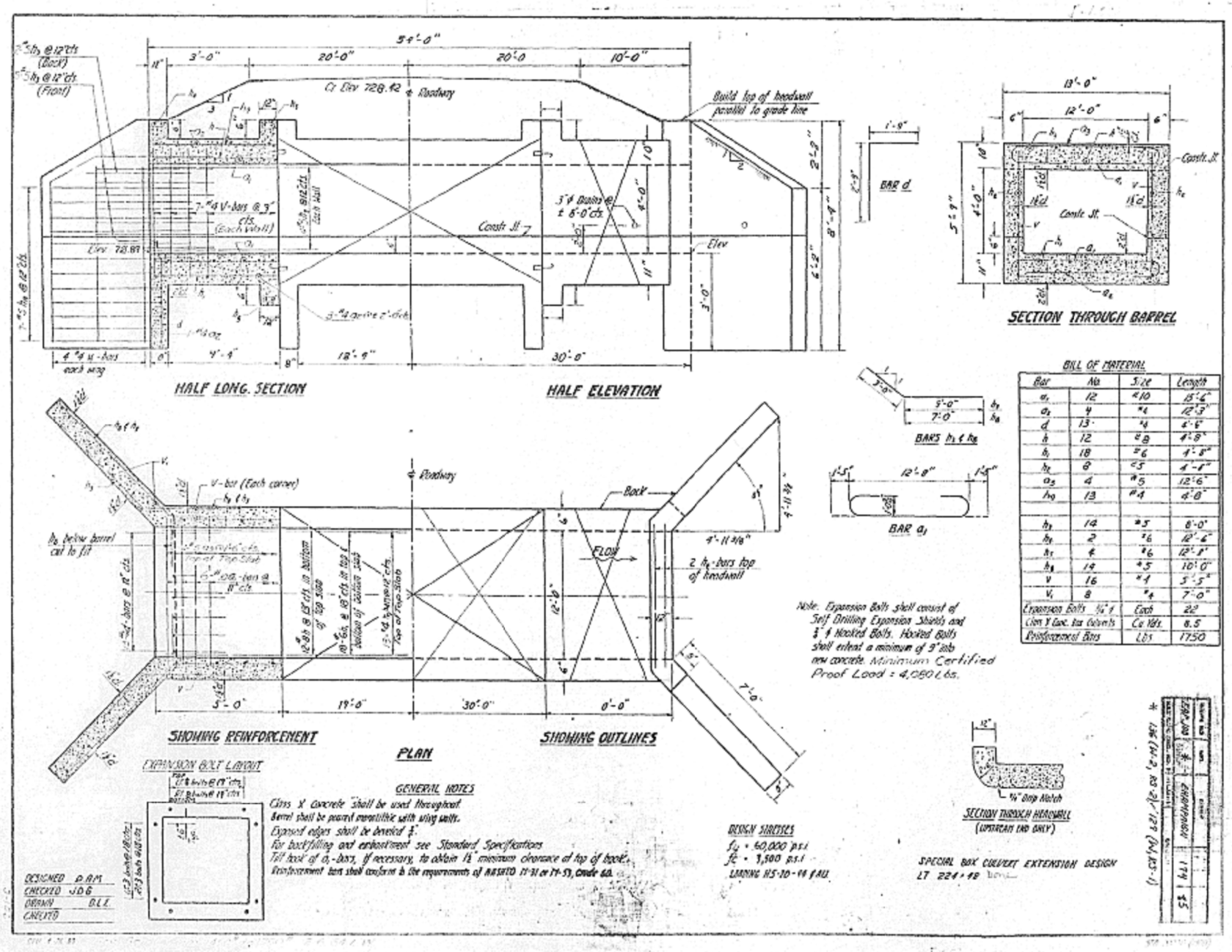
FILE NAME =	USER NAME =	DESIGNED -	REVISED
		CHECKED -	REVISED
	PLOT SCALE =	DRAWN -	REVISED
	PLOT DATE =	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

AS BUILT – CONCRETE BOX CULVERT
EXISTING SN 010-8064

SHEET NO. 04 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	186
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		



BILL OF MATERIAL

Bar	No	Size	Length
a_1	12	#10	15'-6"
a_2	4	#4	12'-3"
d	13	#4	4'-6"
h	12	#8	4'-8"
h_1	18	#6	4'-8"
h_2	8	#5	4'-5"
a_3	4	#5	12'-6"
h_9	13	#4	4'-8"
h_3	14	#5	8'-0"
h_4	2	#6	12'-6"
h_5	4	#6	12'-1"
h_6	14	#5	10'-0"
V	16	#4	5'-5"
V_1	8	#4	7'-0"
Expansion Bolts ¾"ϕ		Each	22
Class X Conc. for Culverts		Cu Yds.	8.5
Reinforcement Bars		Lbs	1750

FOR INFORMATION ONLY

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

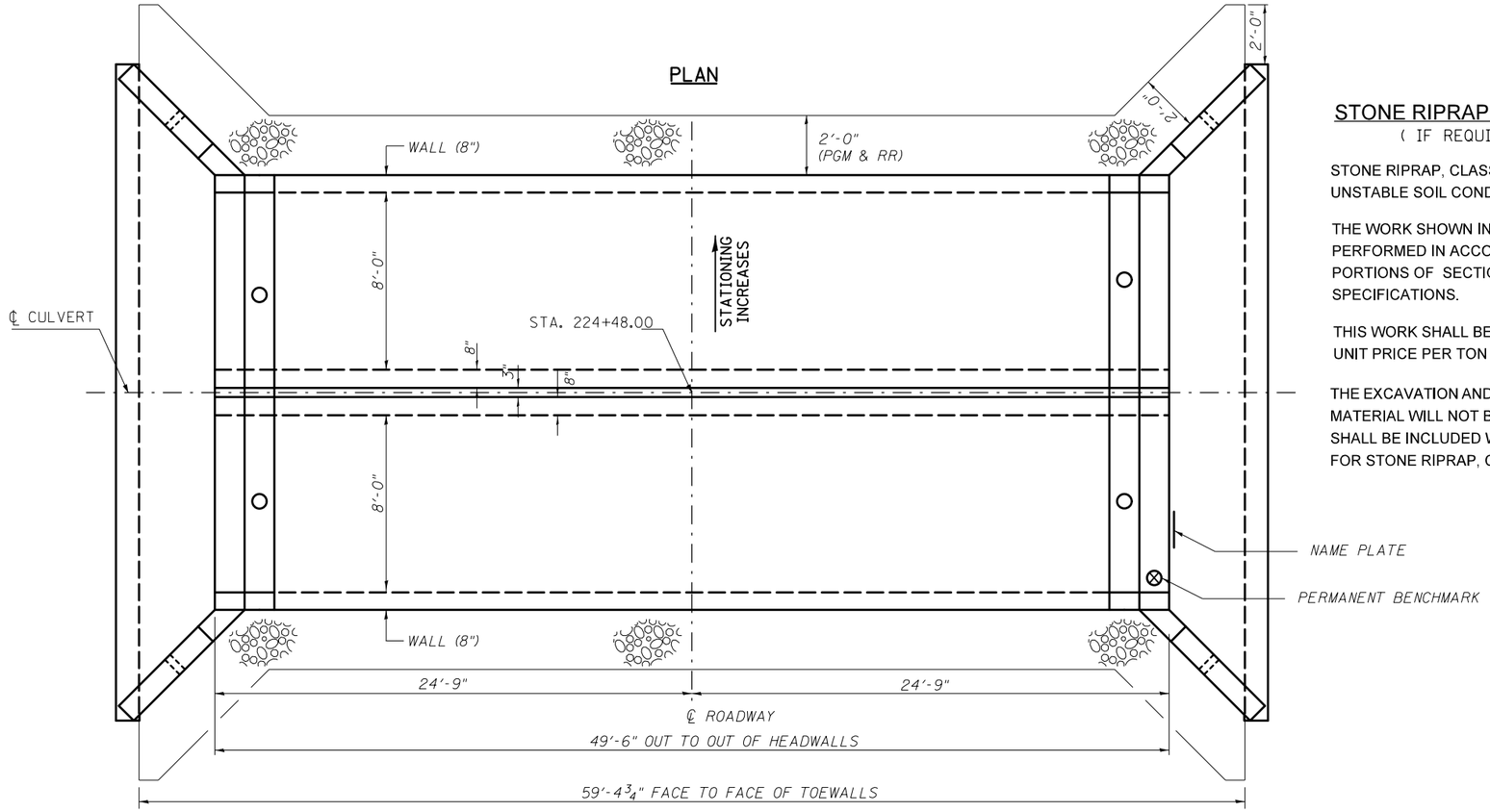
AS BUILT – CONCRETE BOX CULVERT
EXISTING SN 010-8604

SHEET NO. 05 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	187

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT



STONE RIPRAP, CLASS A1

(IF REQUIRED)

STONE RIPRAP, CLASS A1 SHALL BE USED DUE TO UNSTABLE SOIL CONDITIONS

THE WORK SHOWN IN THE DETAIL SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 281 OF THE STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR STONE RIPRAP, CLASS A1.

THE EXCAVATION AND REMOVAL OF THE UNSUITABLE MATERIAL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITH THE PAY ITEM FOR STONE RIPRAP, CLASS A1.

POROUS GRANULAR EMBANKMENT

POROUS GRANULAR EMBANKMENT SHALL EXTEND 2 FT. BEYOND THE AGGREGATE SHOULDER

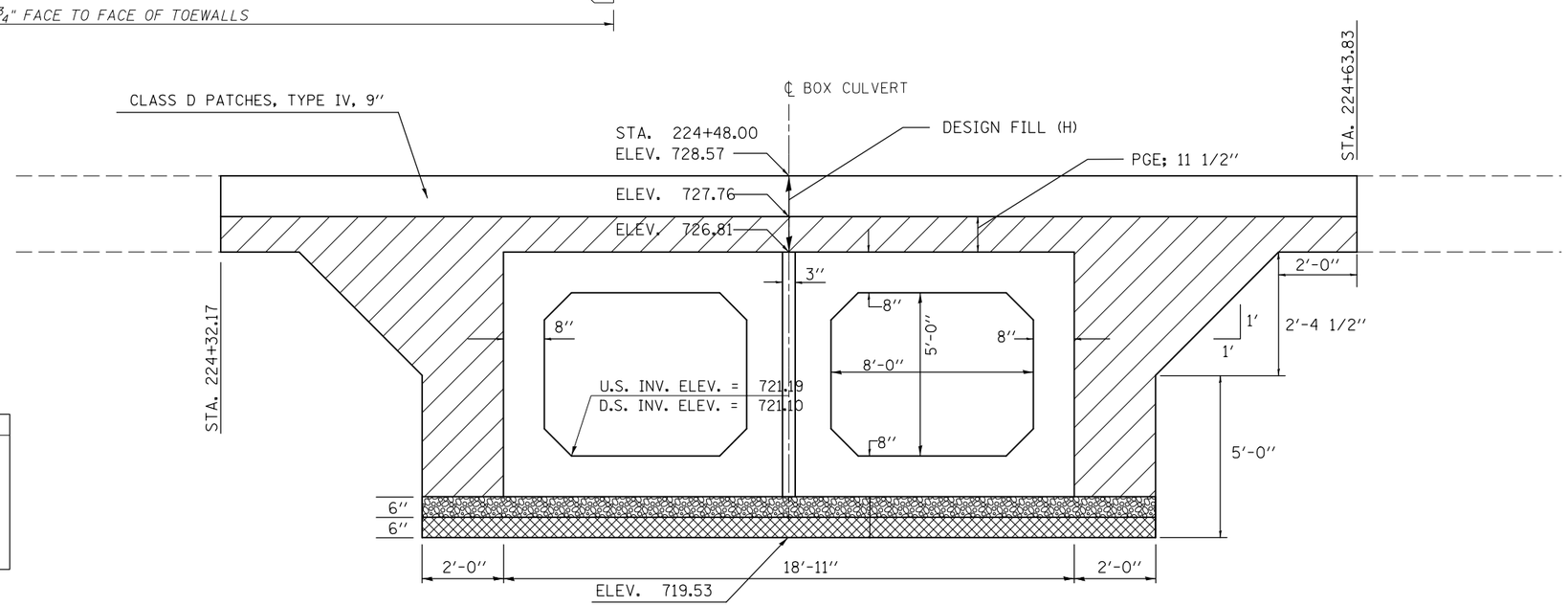
THE WORK SHOWN IN THE DETAIL SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 207 AND ARTICLE 540 OF THE STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR POROUS GRANULAR EMBANKMENT.

THE AREA TO BE EXCAVATED FOR THE PROPOSED BOX CULVERT SHALL NOT BE MEASURED FOR PAYMENT. THE COST OF THE EXCAVATION SHALL BE INCLUDED IN THE COST OF PRECAST CONCRETE BOX CULVERTS.

BILL OF MATERIAL

Item	Unit	Total
POROUS GRANULAR EMBANKMENT	CU YD	92.0
STONE RIPRAP, CLASS A1	TON	141.0



LEGEND

- POROUS GRANULAR EMBANKMENT (CA-6)
- POROUS GRANULAR MATERIAL (CA-7) (6") INCLUDED WITH PRECAST BOX CULVERT
- STONE RIPRAP, CLASS A1

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

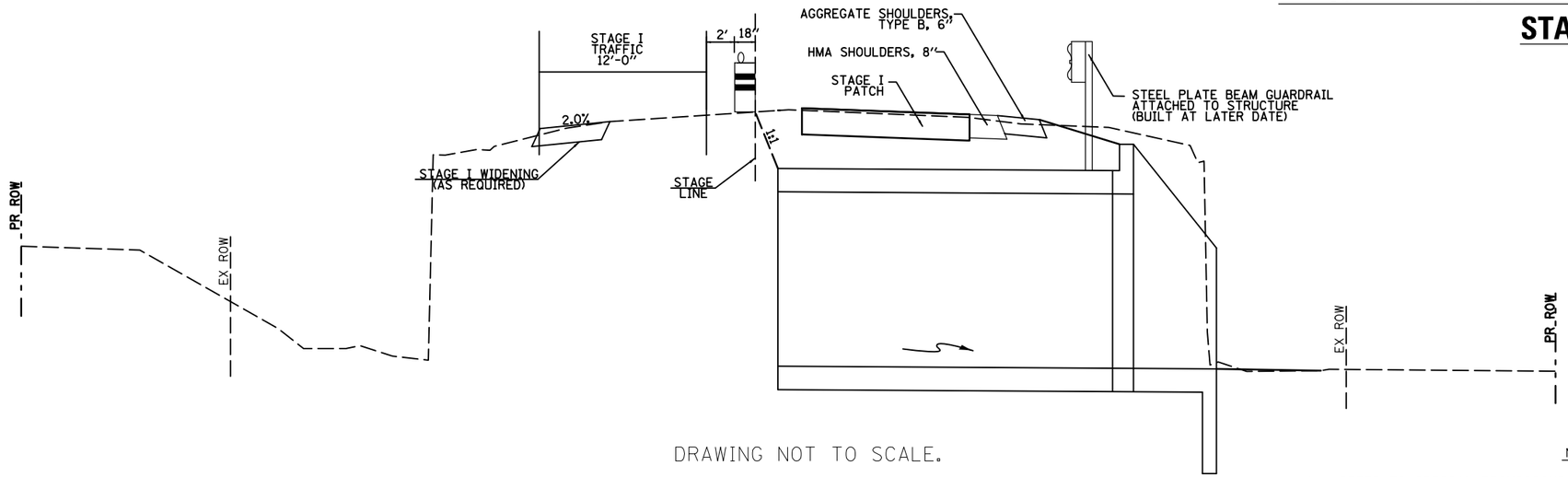
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POROUS GRANULAR EMBANKMENT DETAIL
SN 010-8152, STA. 224+48.00, CULVERT NO. 3

SHEET NO. 06 OF 07 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	188
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		

TYPICAL STAGING DETAILS CULVERT NO. 3
STAGE I



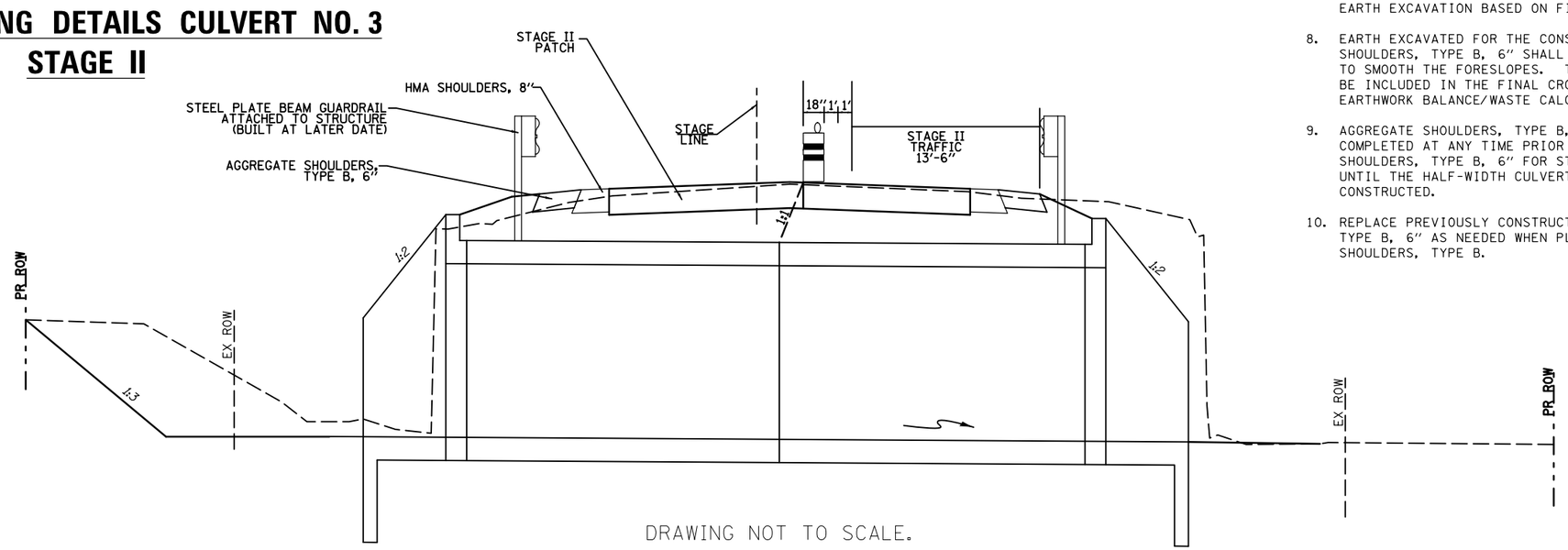
DRAWING NOT TO SCALE.

NOTES

1. REFER TO SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION, STANDARD 701206 and STAGE CONSTRUCTION ACROSS ROAD STRUCTURES FOR ADDITIONAL INFORMATION.
2. CONSTRUCT DOWNSTREAM END OF A.R. CULVERT FIRST.
3. CMS BOARDS SHALL BE PLACED 3 DAYS IN ADVANCE PRIOR TO WORK.
4. CONSTRUCT STAGE I WIDENING AND AGGREGATE SHOULDERS, TYPE B AFTER PLACING BOX CULVERT SECTIONS.
5. STAGE I WIDENING SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS EARTHWORK PAY ITEMS ASSOCIATED WITH THE PROJECT.
6. A TEMPORARY SOIL RETENTION SYSTEM MAY BE REQUIRED FOR CONSTRUCTION OF BOX CULVERT END SECTIONS. IF ELECTED FOR USE, ALL COSTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR BOX CULVERT END SECTIONS.
7. THE ENGINEEER MAY REDUCE OR ELIMINATE LENGTHS OR LOCATIONS OF AGGREGATE SHOULDERS, TYPE B, 6" AND EARTH EXCAVATION BASED ON FIELD CONDITIONS.
8. EARTH EXCAVATED FOR THE CONSTRUCTION OF AGGREGATE SHOULDERS, TYPE B, 6" SHALL BE DEPOSITED AND GRADED TO SMOOTH THE FORESLOPES. THIS EXCAVATED EARTH WILL BE INCLUDED IN THE FINAL CROSS-SECTION VOLUMES FOR EARTHWORK BALANCE/WASTE CALCULATIONS.
9. AGGREGATE SHOULDERS, TYPE B, 6" FOR STAGE I MAY BE COMPLETED AT ANY TIME PRIOR TO STAGE I. AGGREGATE SHOULDERS, TYPE B, 6" FOR STAGE II SHALL NOT BE COMPLETED UNTIL THE HALF-WIDTH CULVERT FROM STAGE I HAS BEEN CONSTRUCTED.
10. REPLACE PREVIOUSLY CONSTRUCTED AGGREGATE SHOULDERS, TYPE B, 6" AS NEEDED WHEN PLACING FINAL AGGREGATE SHOULDERS, TYPE B.

A.R. CULVERT LOCATION	TRAFFIC CONTROL STANDARD	ESTIMATED TIME	CHANGEABLE MESSAGE SIGNS
STA. 224+48.00	701206	2 Day - 48 hrs. - Non-Stop (2) - 12 hr. Day Shift (2) - 12 hr. Night Shift	2 EACH AT 4.0 CAL DAY + 3.0 CAL DAY IN ADVANCE = 7.0 CAL DAY

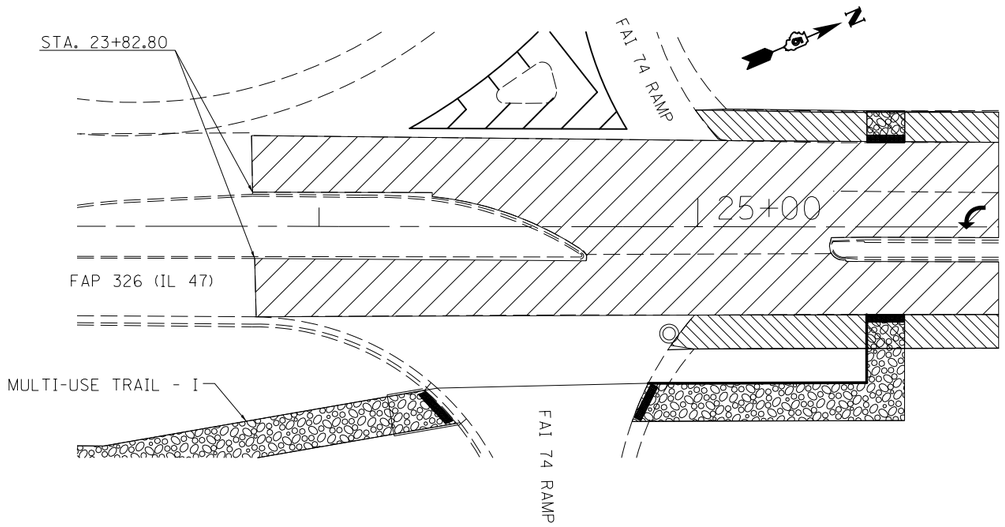
TYPICAL STAGING DETAILS CULVERT NO. 3
STAGE II



DRAWING NOT TO SCALE.

FILE NAME =	USER NAME =	DESIGNED -	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING DETAILS SN 010-8152, STA. 224+48.00, CULVERT NO. 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED			326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	189
	PLOT SCALE =	DRAWN -	REVISED					CONTRACT NO. 70844		
	PLOT DATE =	CHECKED -	REVISED		SHEET NO. 07 OF 07 SHEETS		ILLINOIS FED. AID PROJECT			

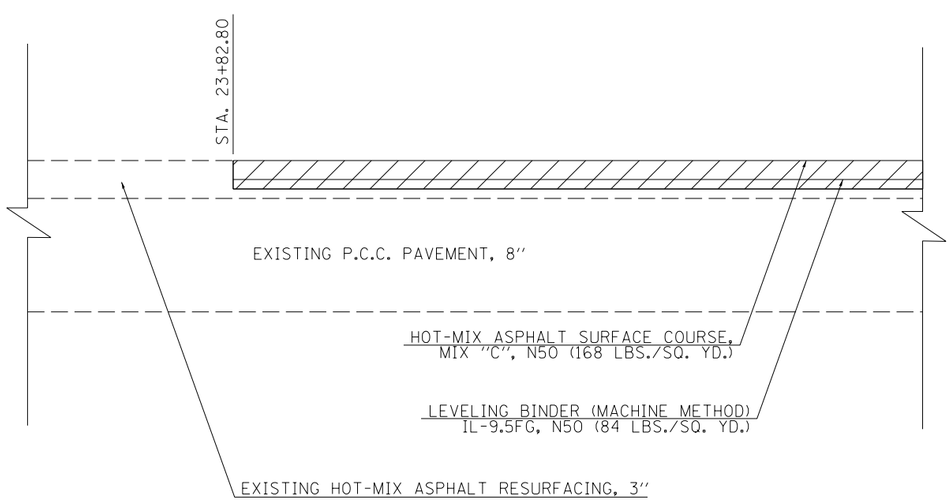
TRANSITION DETAIL
BEGINING OF PROJECT – STATION 23+82.80



PLAN

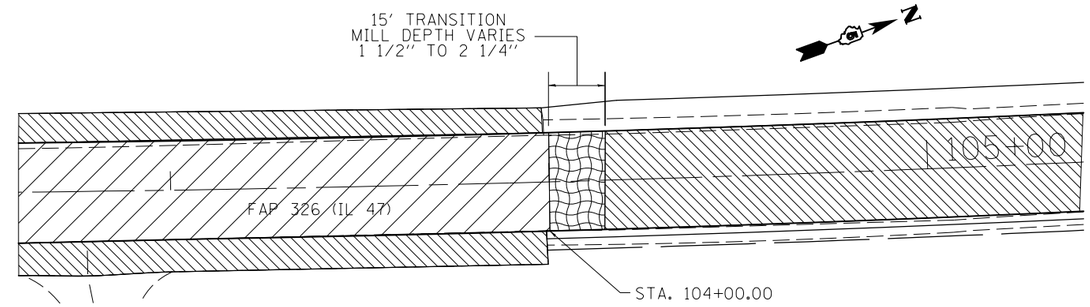
= HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

= HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"



PROFILE

TRANSITION DETAIL
INLAY AREA TRANSITION – STATION 104+00.00

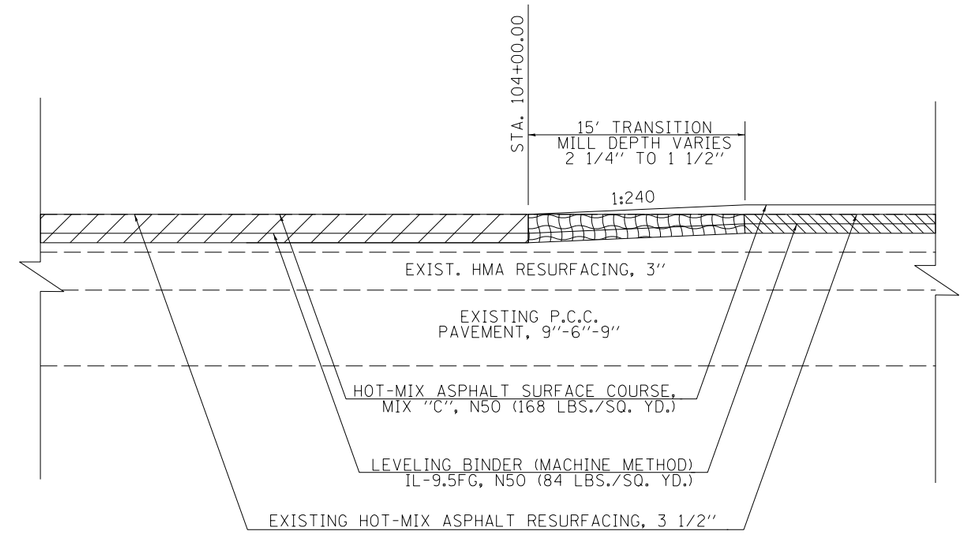


PLAN

= HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

= HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

= HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" ACTUAL DEPTH TRANSITIONS FROM 2 1/4" TO 1 1/2"



PROFILE

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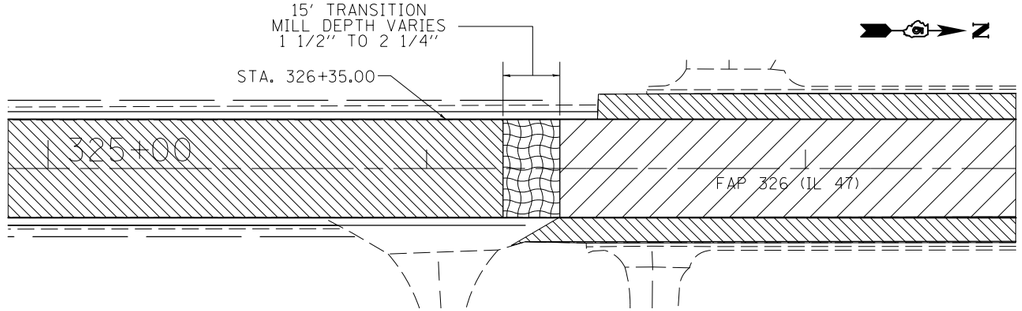
	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -					CONTRACT NO. 70844	
$MODELNAME$	PLOT DATE = 10/10/2014	CHECKED -	REVISED -		SCALE: N/A SHEET 01 OF 04 SHEETS STA.---- TO STA.----	ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -						

TRANSITION DETAIL
INLAY AREA TRANSITION – STATION 326+35.00

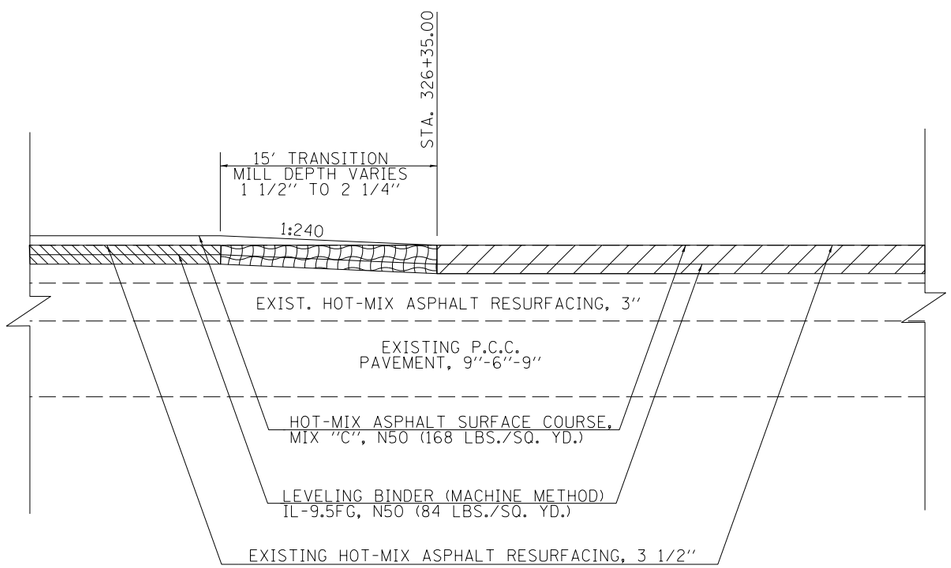


PLAN

= HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2''

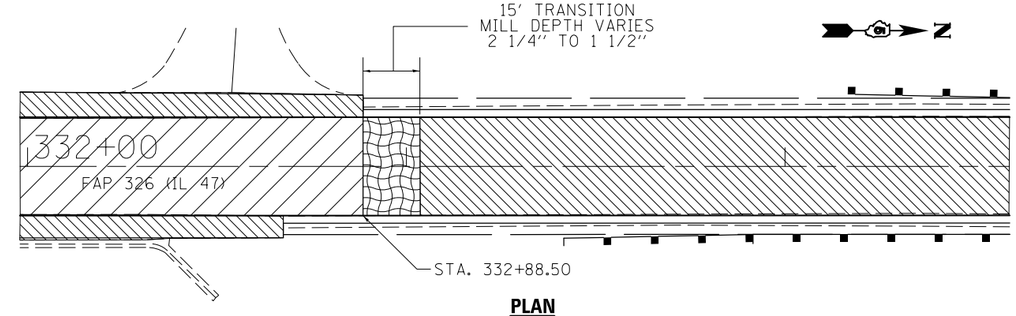
= HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4''

= HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4''
ACTUAL DEPTH TRANSITIONS FROM 2 1/4'' TO 1 1/2''



PROFILE

TRANSITION DETAIL
INLAY AREA TRANSITION – STATION 332+88.50

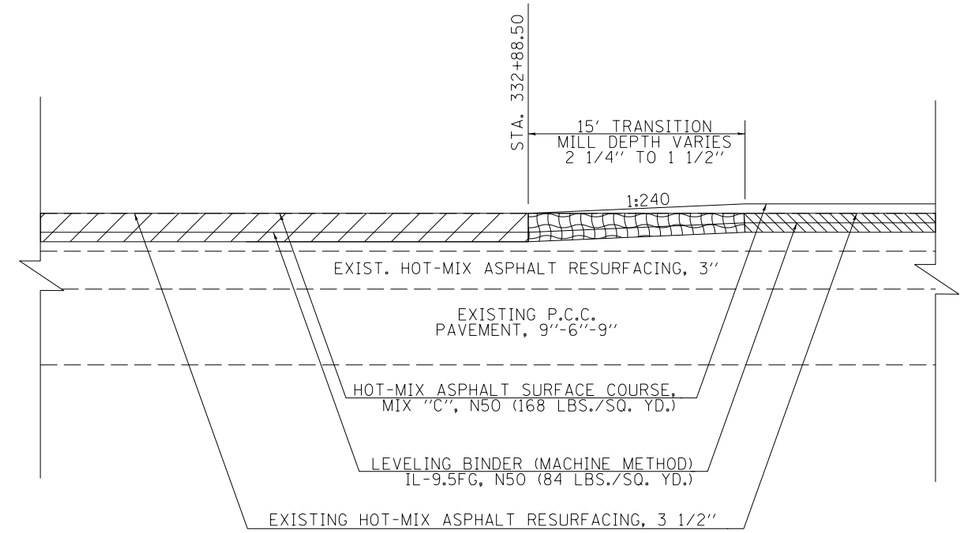


PLAN

= HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2''

= HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4''

= HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4''
ACTUAL DEPTH TRANSITIONS FROM 2 1/4'' TO 1 1/2''



PROFILE

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$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -

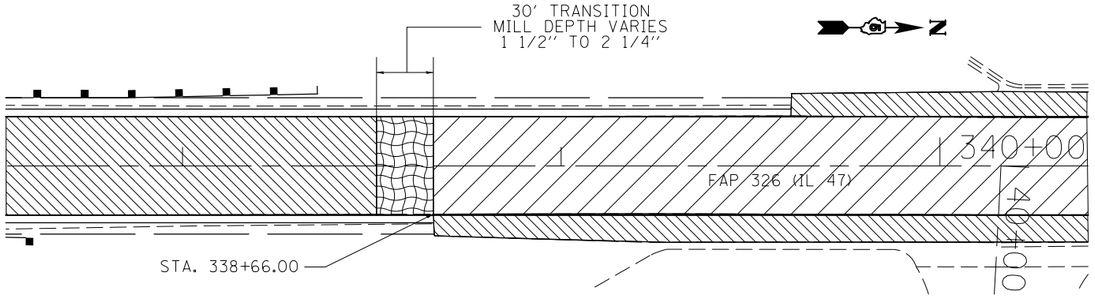
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSITION DETAILS
IL 47

SCALE: N/A | SHEET 02 OF 04 SHEETS | STA. ---- TO STA. ----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	191
		CONTRACT NO. 70844		
		ILLINOIS FED. AID PROJECT		

TRANSITION DETAIL
INLAY AREA TRANSITION – STATION 338+66.00

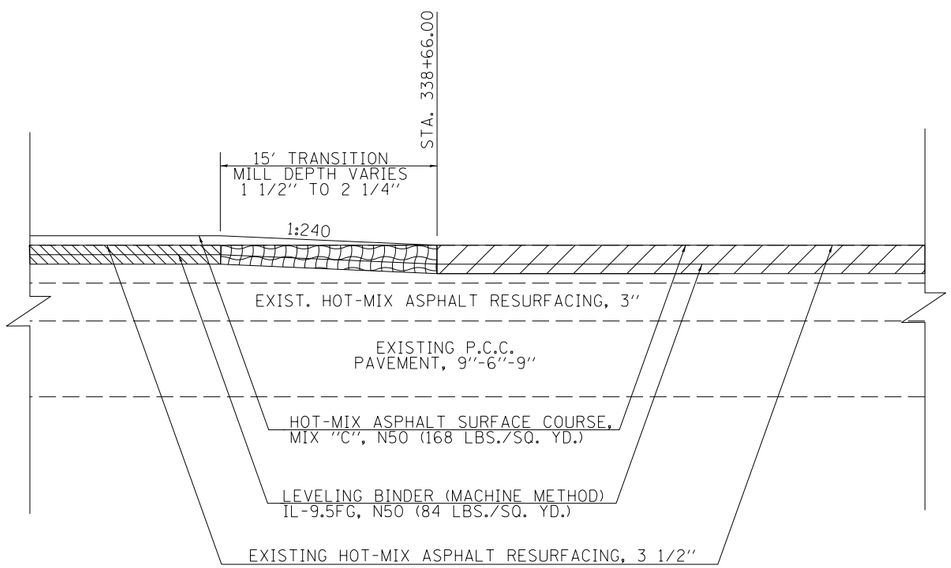


PLAN

= HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2''

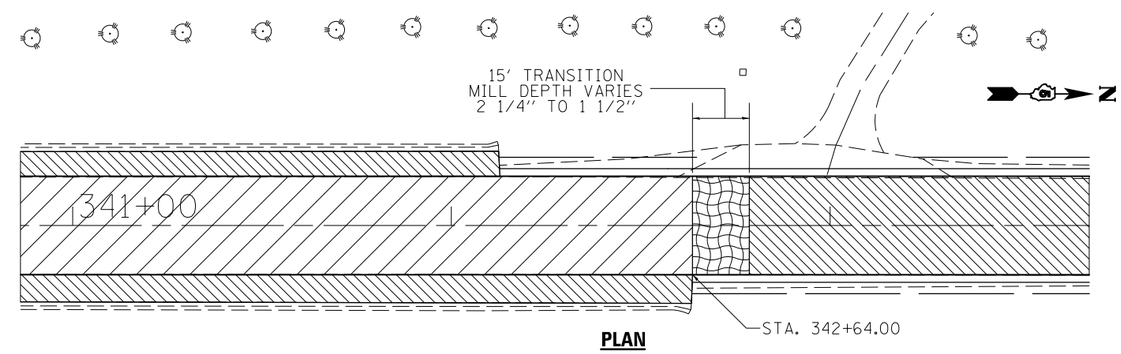
= HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4''

= HOT-MIX ASPHALT SURFACE REMOVAL, 2¼''
ACTUAL DEPTH TRANSITIONS FROM 2 1/4'' TO 1 1/2''



PROFILE

TRANSITION DETAIL
INLAY AREA TRANSITION – STATION 342+64.00

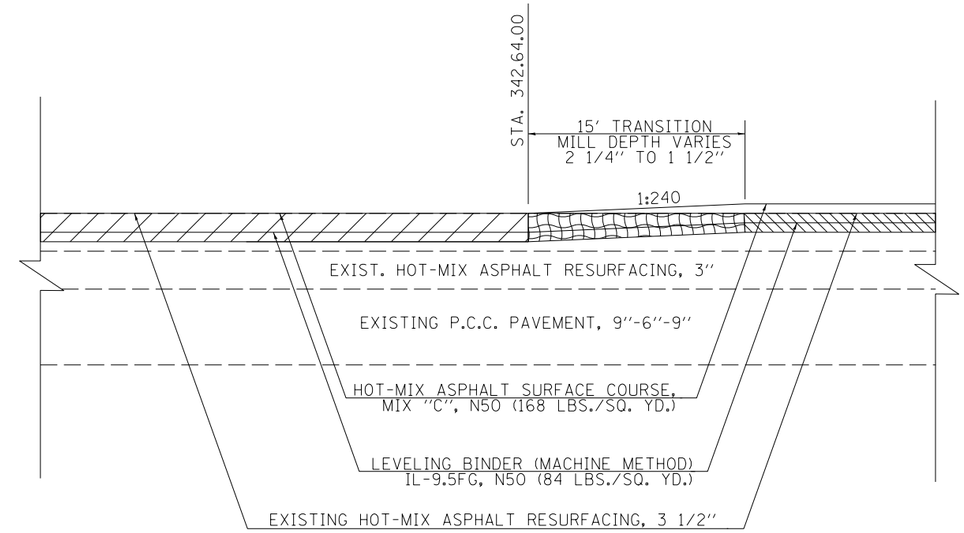


PLAN

= HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2''

= HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4''

= HOT-MIX ASPHALT SURFACE REMOVAL, 2¼''
ACTUAL DEPTH TRANSITIONS FROM 2 1/4'' TO 1 1/2''



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$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSITION DETAILS
IL 47

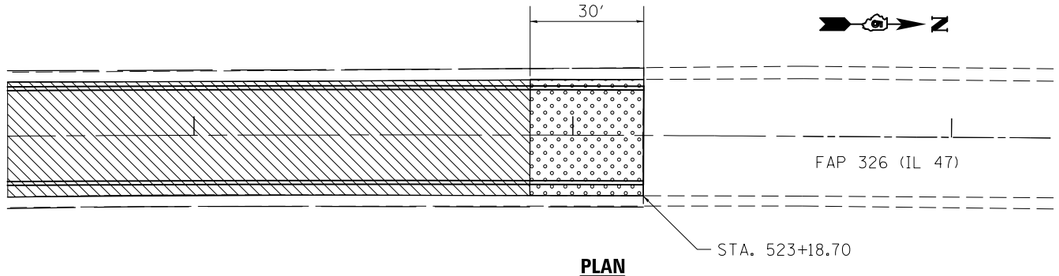
SCALE: N/A | SHEET 03 OF 04 SHEETS | STA. ---- TO STA. ----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	192

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

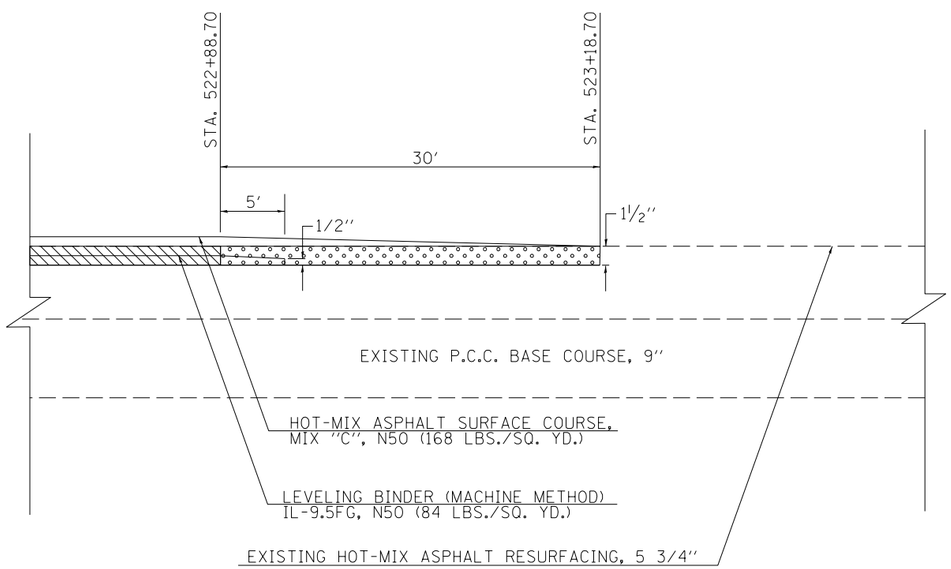
TRANSITION DETAIL
END OF PROJECT – STATION 523+18.70



PLAN

= HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

= HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



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$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSITION DETAILS
IL 47

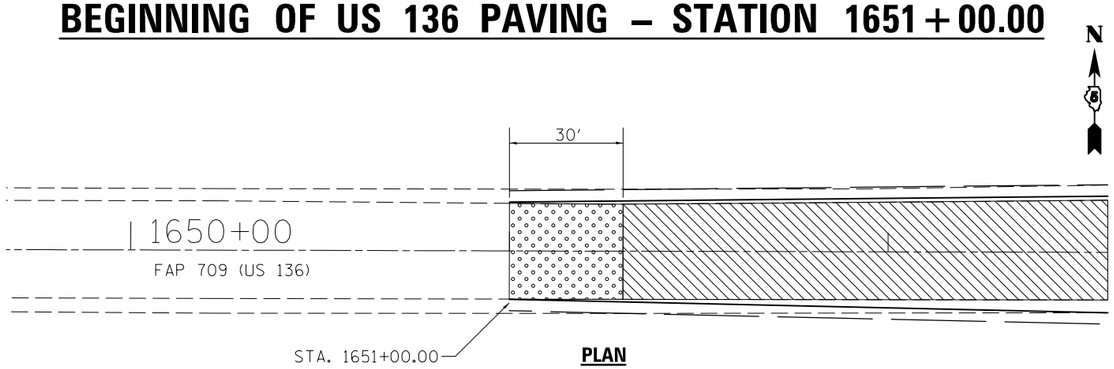
SCALE: N/A | SHEET 04 OF 04 SHEETS | STA.---- TO STA.----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	193

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

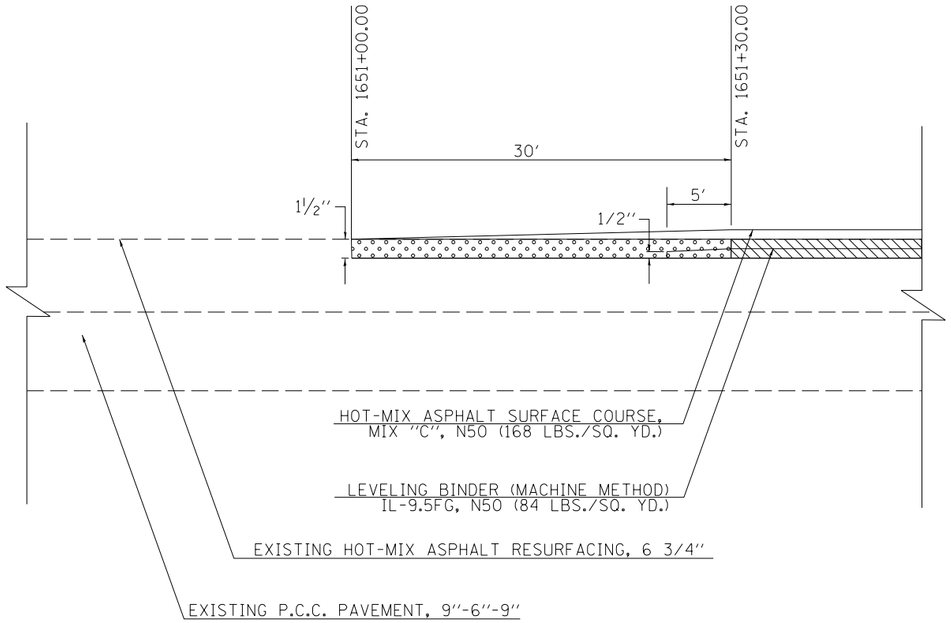
TRANSITION DETAIL
BEGINNING OF US 136 PAVING – STATION 1651+00.00



PLAN

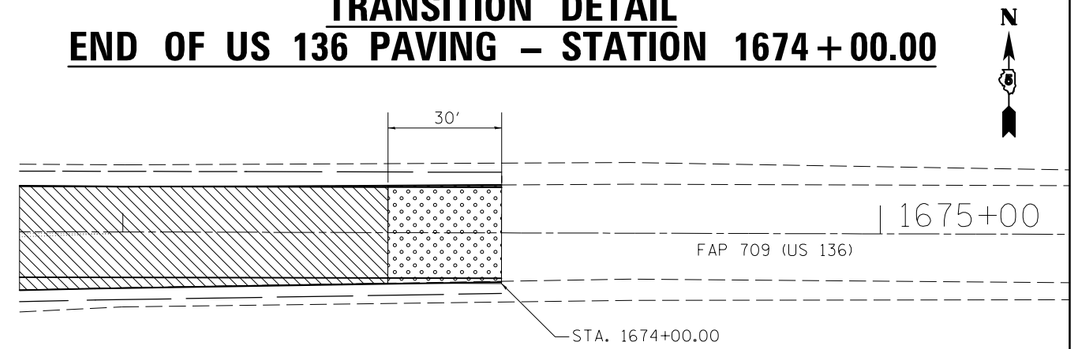
= HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

= HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



PROFILE

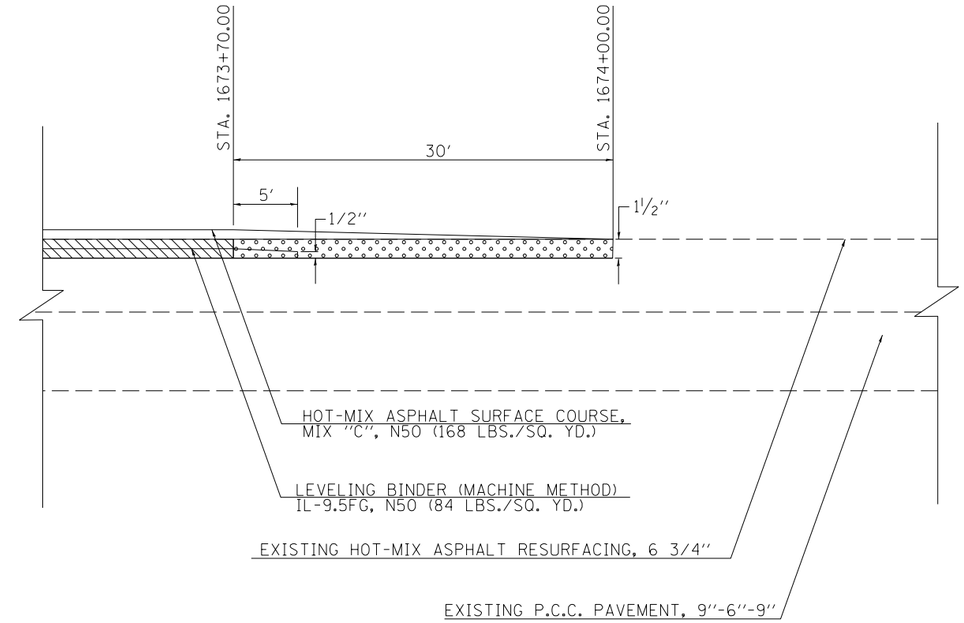
TRANSITION DETAIL
END OF US 136 PAVING – STATION 1674+00.00



PLAN

= HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

= HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



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$MODELNAME$	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSITION DETAILS
US 136

SCALE: N/A | 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	194

CONTRACT NO. 70844

ILLINOIS FED. AID PROJECT

DETAIL NOTES

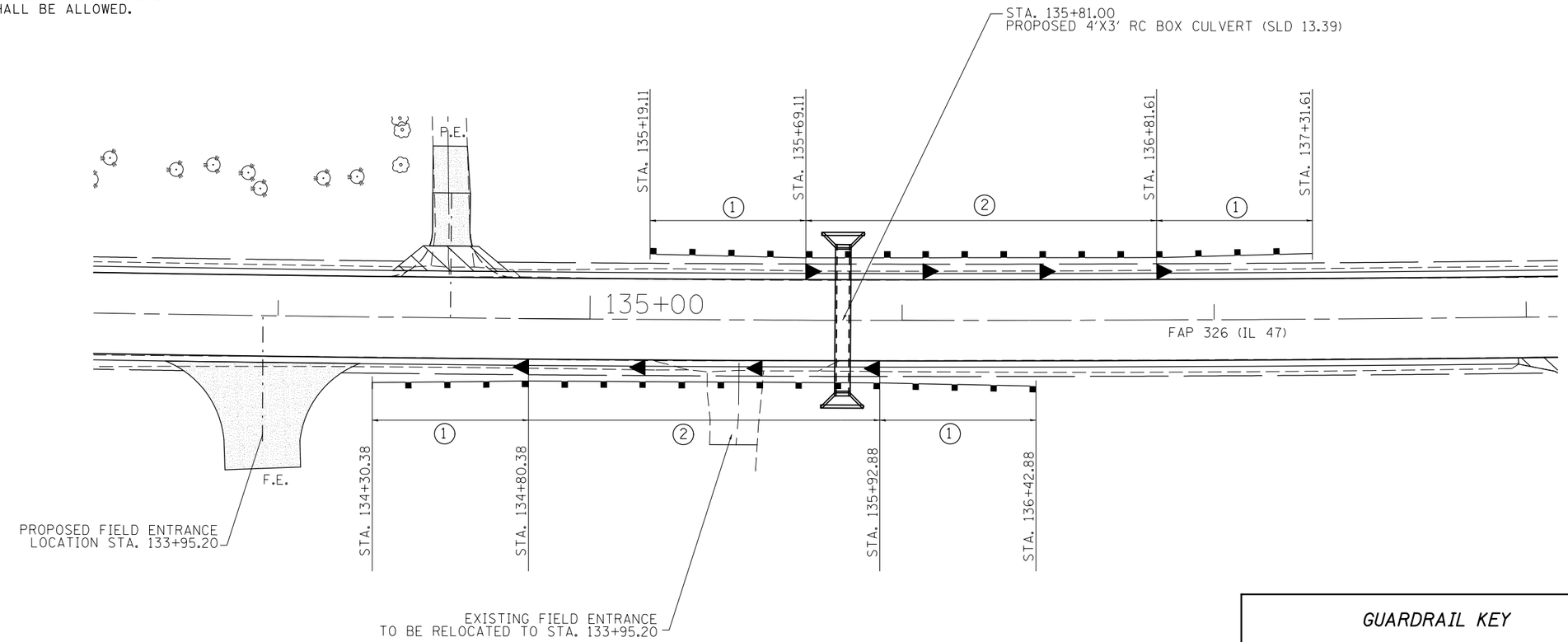
1. SHOULDER WIDENING FOR TYPE 1 (SPECIAL) TERMINALS SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTION OF NEW GUARDRAIL.

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.

= INCIDENTAL HMA

= AGGREGATE SURFACE COURSE, TYPE B



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
4. STEEL PLATE BEAM GUARDRAIL, TYPE B

◀ REFLECTOR MARKERS, TYPE A

FILE NAME = c:\pw_work\pwidot\cearlockbm\d0187612\D570844-sht-details.dgn	USER NAME = cearlockbm	DESIGNED BMC	REVISED - ----	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN BMC	REVISED - ----					326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	195
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 70844		
	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: N/A	SHEET NO. 01 OF 07 SHEETS	STA. ----- TO STA. -----	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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.

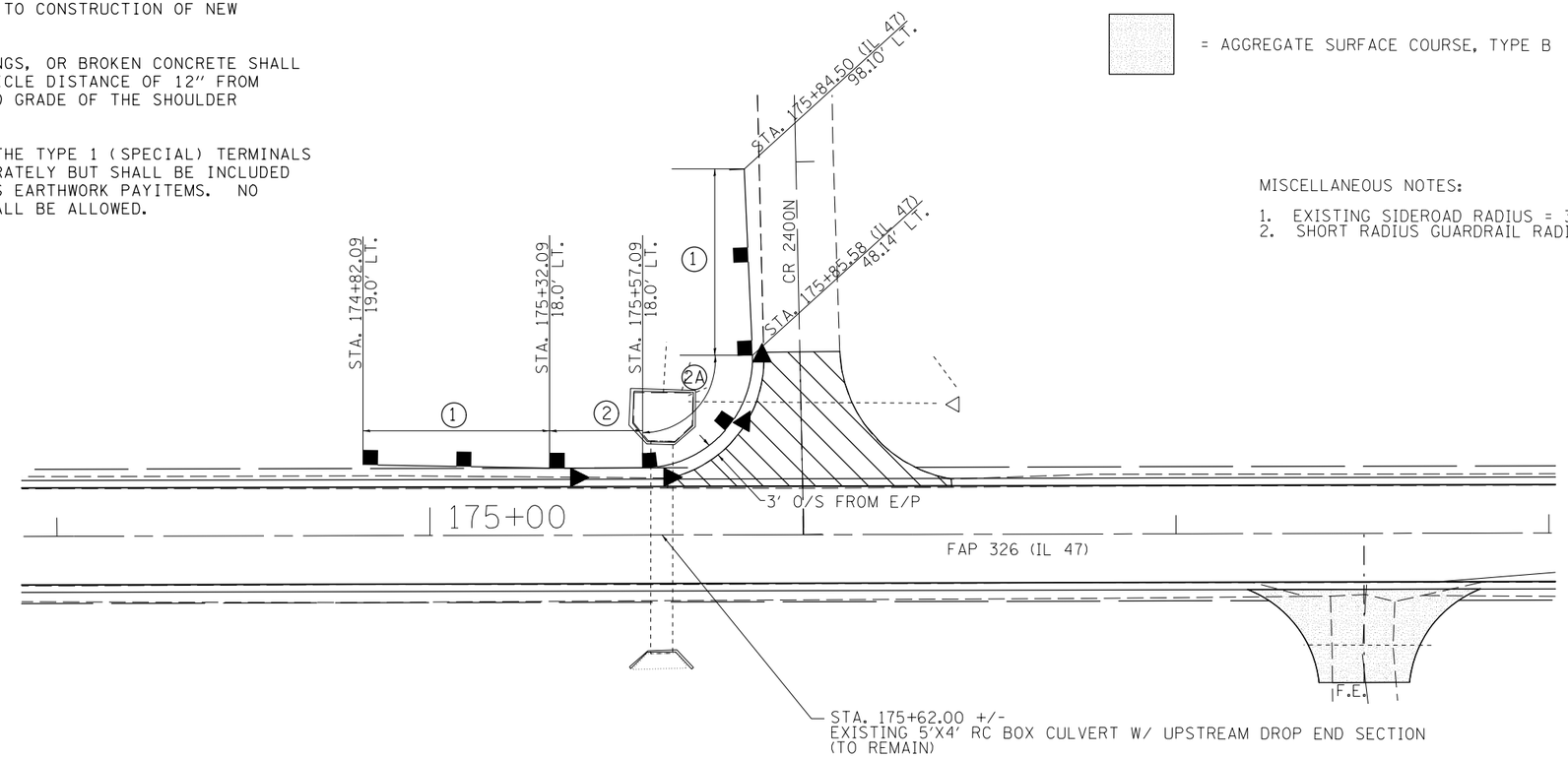
3. SHOULDER WIDENING FOR THE TYPE 1 (SPECIAL) TERMINALS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR THE VARIOUS EARTHWORK PAYITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

= INCIDENTAL HMA

= AGGREGATE SURFACE COURSE, TYPE B

MISCELLANEOUS NOTES:

1. EXISTING SIDEROAD RADIUS = 32.5' (SW QUAD.)
2. SHORT RADIUS GUARDRAIL RADIUS = 29.5' +/-



GUARDRAIL KEY

1. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL), TANGENT
2. STEEL PLATE BEAM GUARDRAIL, TYPE A 6' POST SPACING
2A. STEEL PLATE BEAM GUARDRAIL, (SHORT RADIUS)
3. STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURE

◀ REFLECTOR MARKERS, TYPE A

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DETAIL NOTES

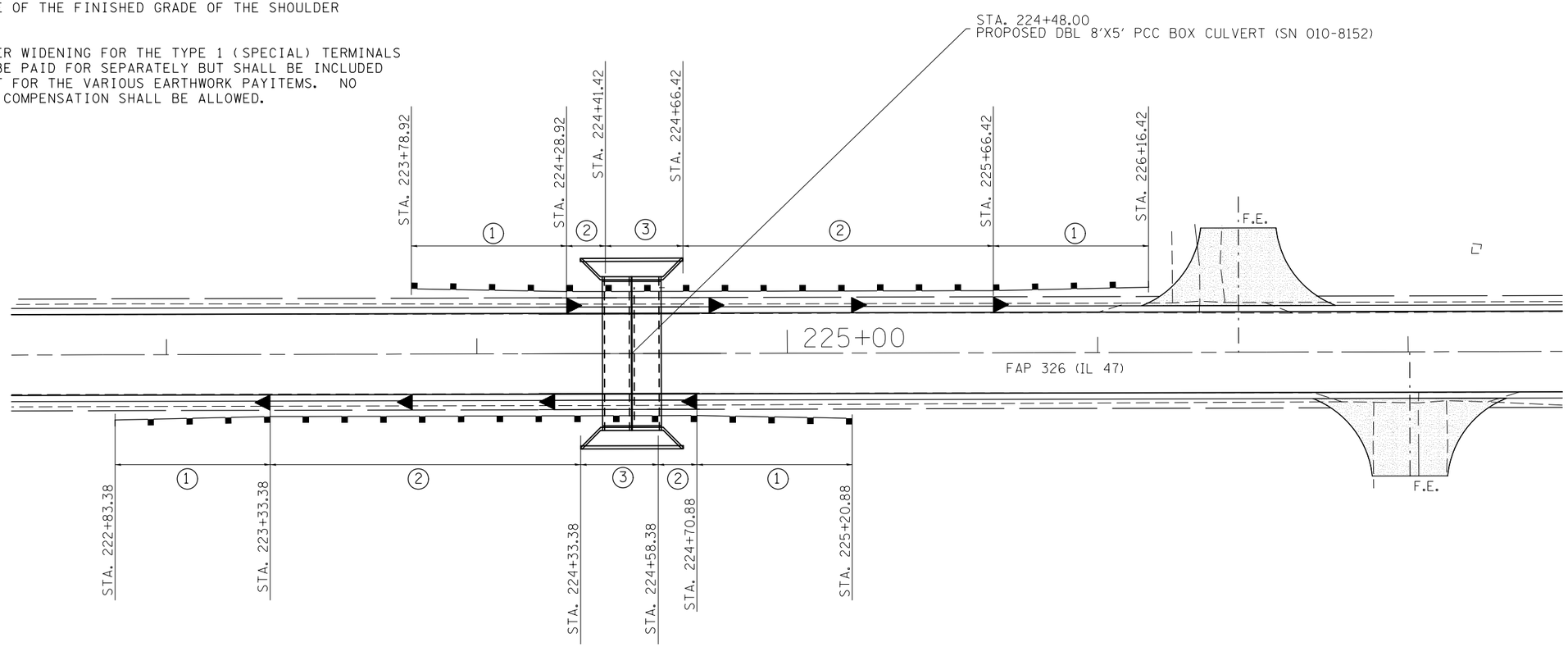
1. SHOULDER WIDENING FOR TYPE 1 (SPECIAL) TERMINALS SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTION OF NEW GUARDRAIL.

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.

= INCIDENTAL HMA

= AGGREGATE SURFACE COURSE, TYPE B



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

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	PLOT DATE = 10/10/2014	DATE -	REVISED -		SCALE: N/A / SHEET NO. 03 OF 07 SHEETS / STA. ----- TO STA. -----	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DETAIL NOTES

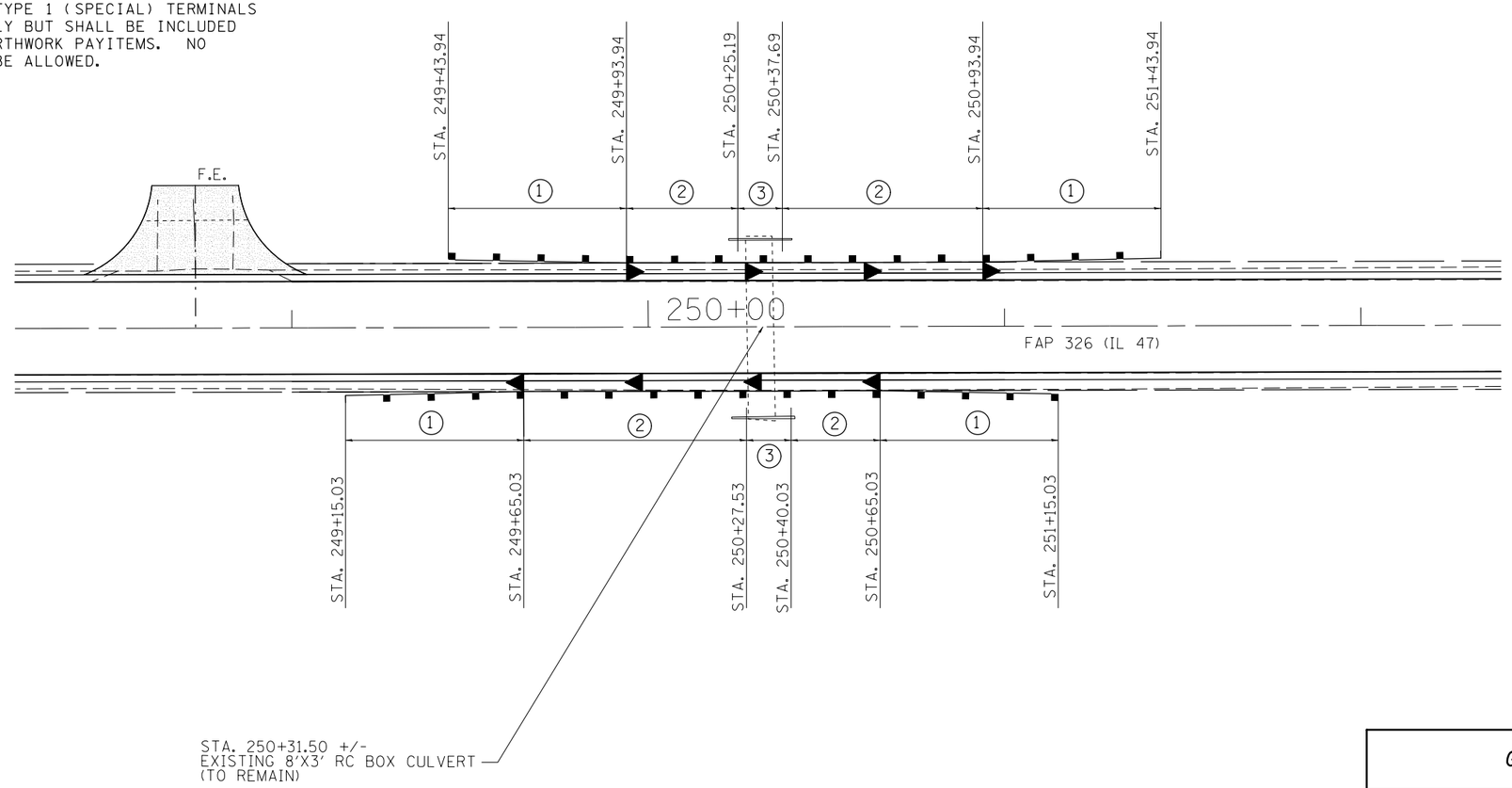
1. SHOULDER WIDENING FOR TYPE 1 (SPECIAL) TERMINALS SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTION OF NEW GUARDRAIL.

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.

= INCIDENTAL HMA

= AGGREGATE SURFACE COURSE, TYPE B



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

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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

SCALE: N/A | SHEET NO. 04 OF 07 SHEETS | STA. ----- TO STA. -----

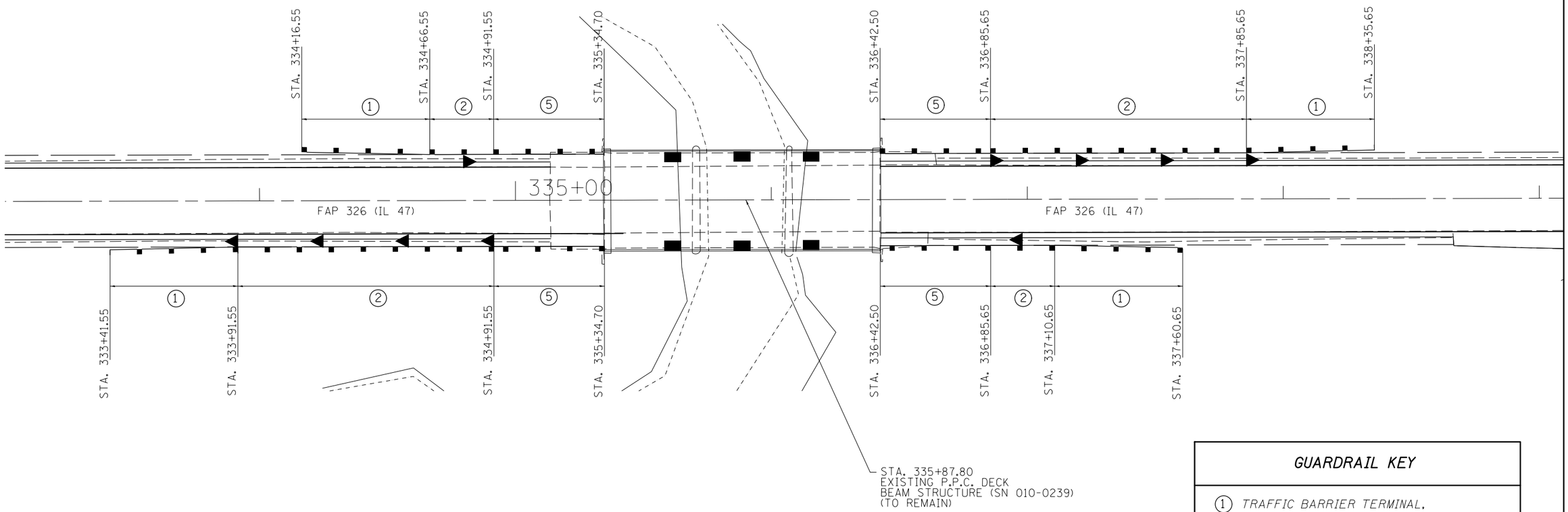
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	136RS-3, CR & (10-4)RS-1	CHAMPAIGN	474	198
		CONTRACT NO. 70844		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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
4. STEEL PLATE BEAM GUARDRAIL, TYPE B
5. TRAFFIC BARRIER TERMINAL, TYPE 6

◀ REFLECTOR MARKERS, TYPE A

■ REFLECTOR MARKERS, TYPE B & C

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	PLOT DATE = 10/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

SCALE: N/A | SHEET NO. 05 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	199
		CONTRACT NO. 70844		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DETAIL NOTES

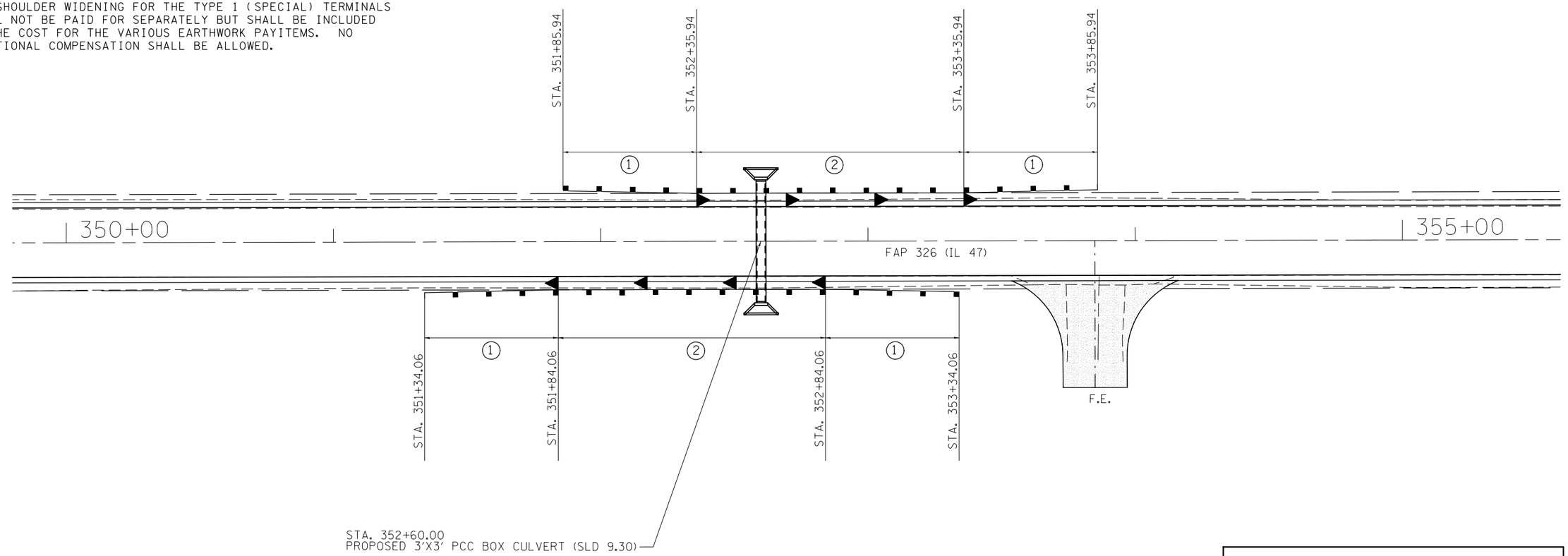
1. SHOULDER WIDENING FOR TYPE 1 (SPECIAL) TERMINALS SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTION OF NEW GUARDRAIL.

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.

= INCIDENTAL HMA

= AGGREGATE SURFACE COURSE, TYPE B



GUARDRAIL KEY

1. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL), TANGENT
2. STEEL PLATE BEAM GUARDRAIL, TYPE A 6' POST SPACING

◀ REFLECTOR MARKERS, TYPE A

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