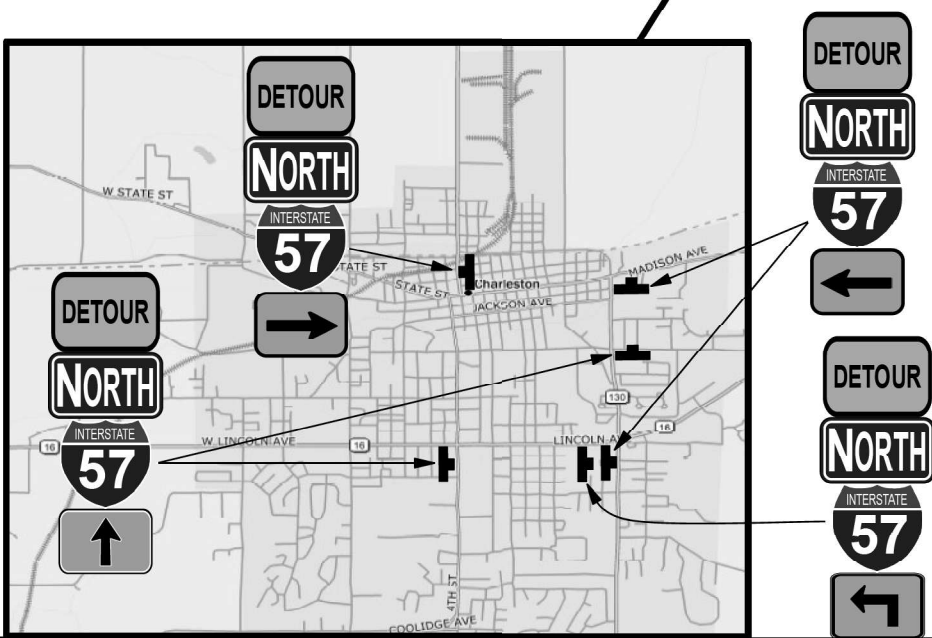
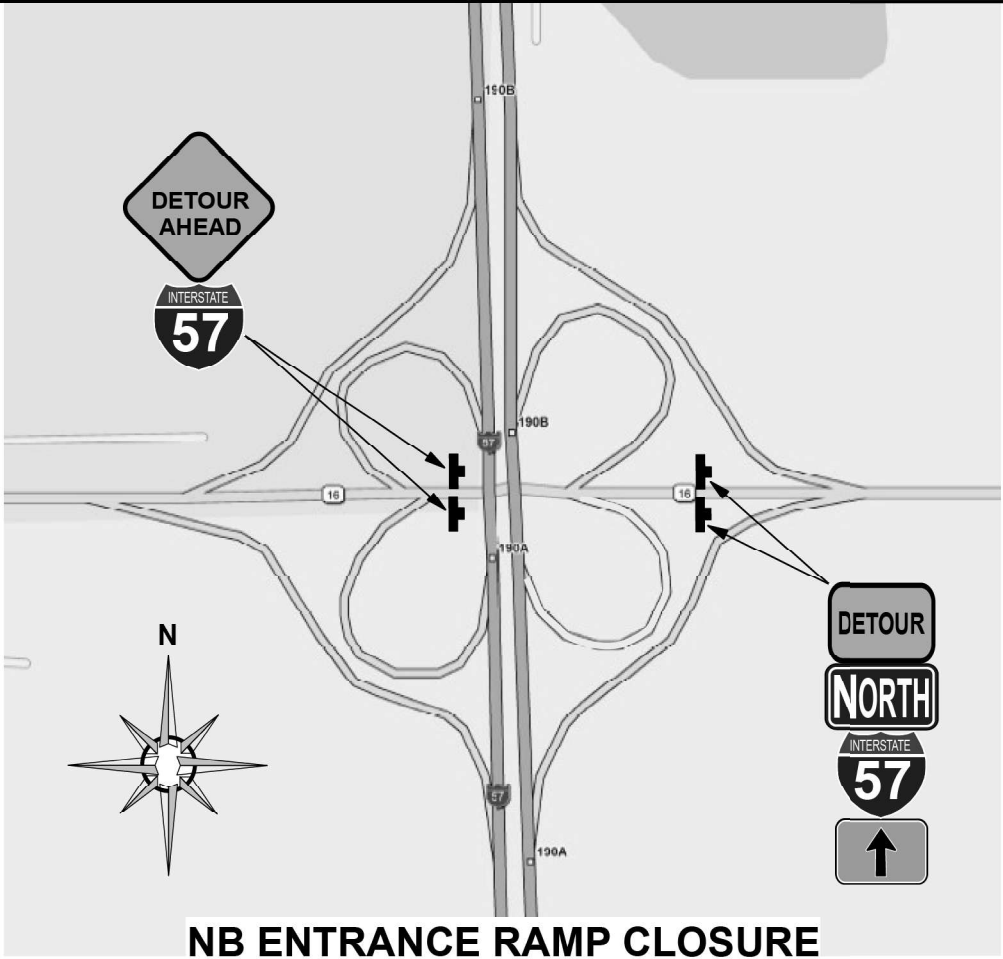
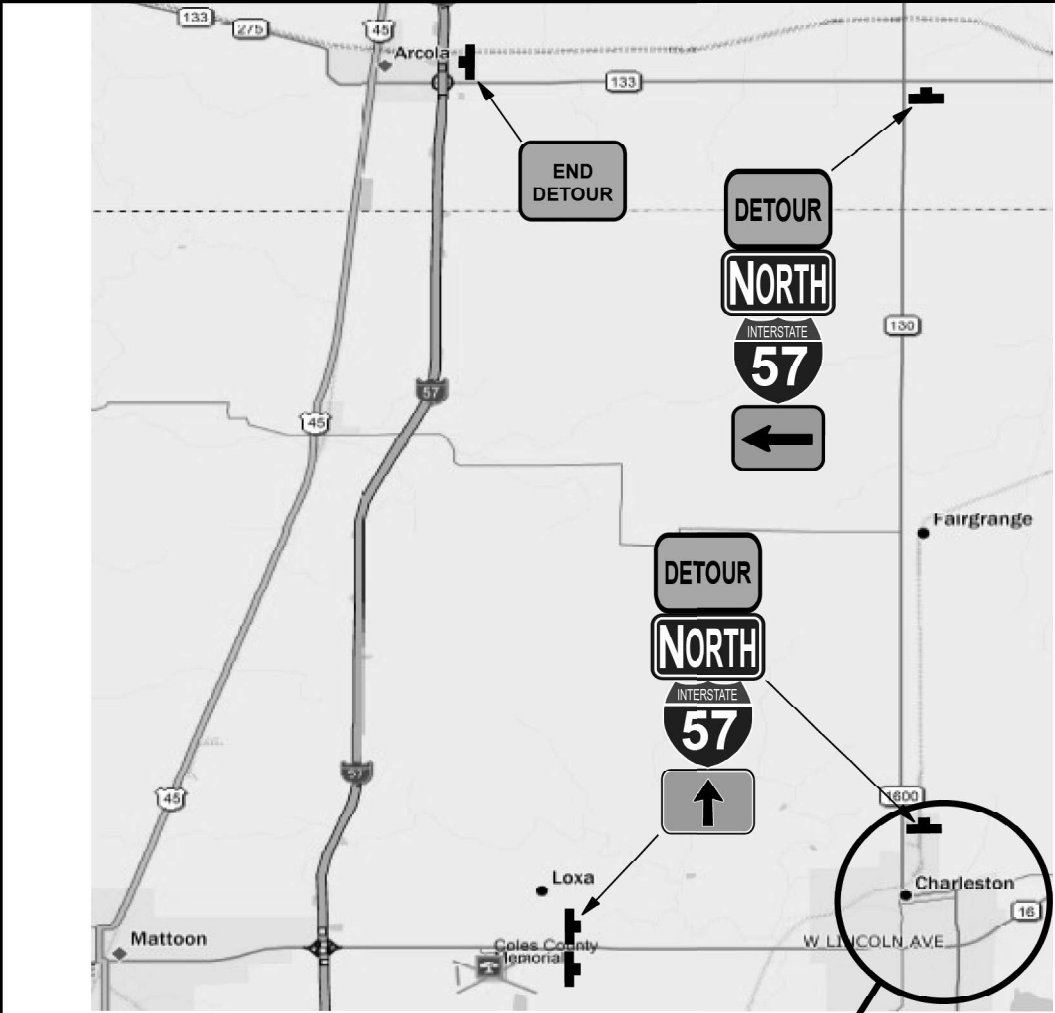


MODEL: Detour Signing Details (Sheet)
FILE NAME: c:\p\work\hrtz\hrtz\kld852852\74435-sheets-DetourSigning.dgn



SIGN LEGEND

 W20-2(O)-48	 W20-2(O)-48	 M4-8a(O)-3024
 M6-3(O)-3018	 M5-1L(O)-3018	 M6-1L(O)-3018
 M3-1(BL)-3015	 M1-1-36	 M6-1R(O)-3018

Closure of Exit 190 Ramps shall be
in conjunction with Standards
701451 & 701901.

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USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/24/2024	DATE -	REVISED -

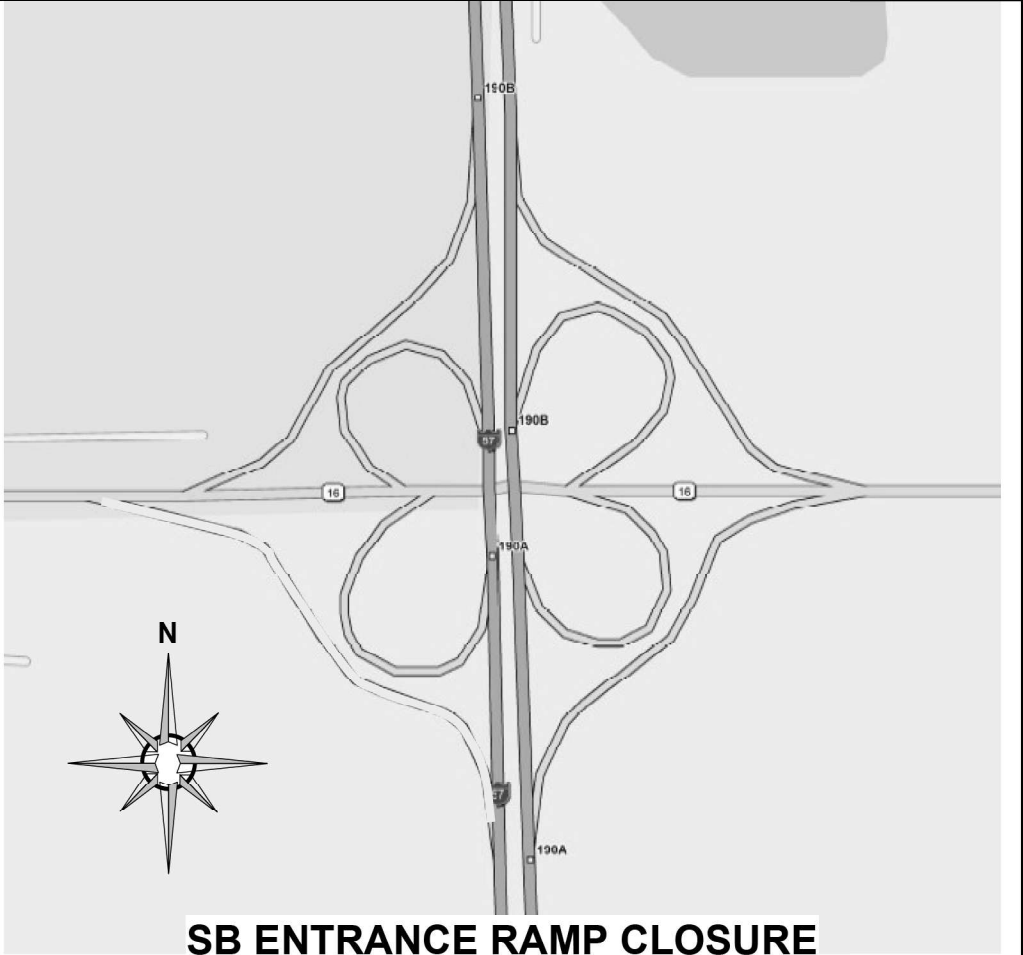
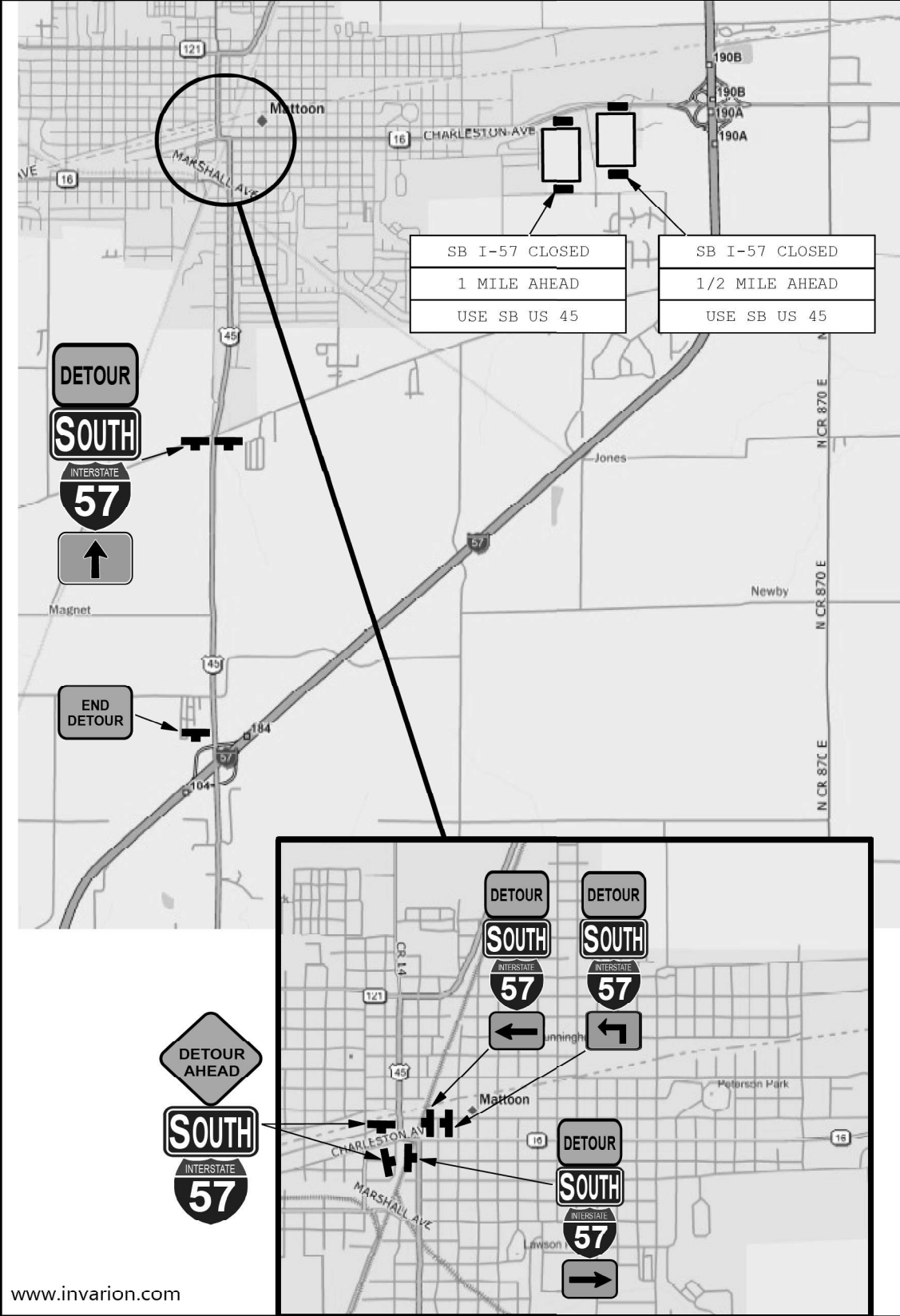
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING DETAILS

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	401
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: Detour Signing Details-1 (Sheet)
FILE NAME: c:\p\work\pwrtd\hrtz\kld852852\DT74435-sheets-DetourSigning.dgn



SIGN LEGEND

 W20-2(O)-48	 W20-2(O)-48	 M4-8a(O)-3024
 M6-3(O)-3018	 M5-1R(O)-3018	 M6-1L(O)-3018
 M3-3(BL)-3015	 M1-1-36	 M6-1R(O)-3018
 Portable Changeable Message Sign		

Closure of Exit 190 Ramps shall be in conjunction with Standards 701451 & 701901.

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

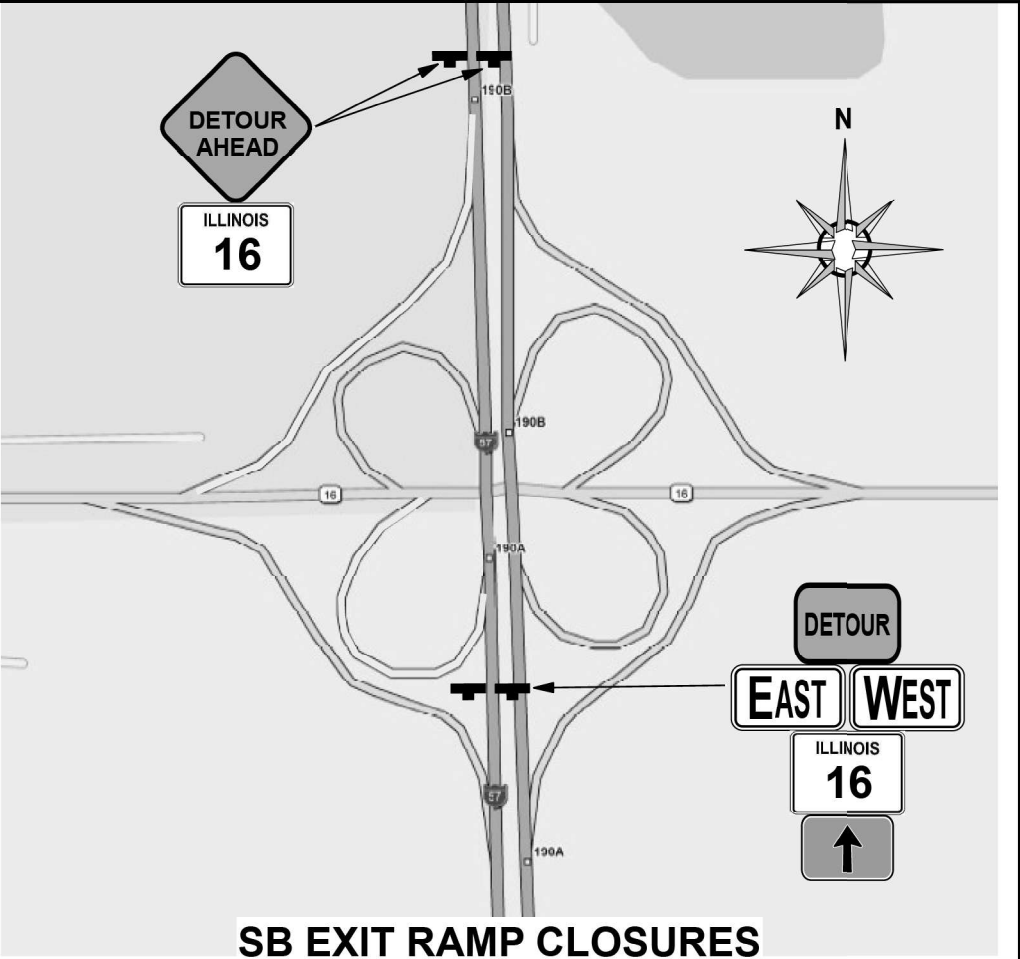
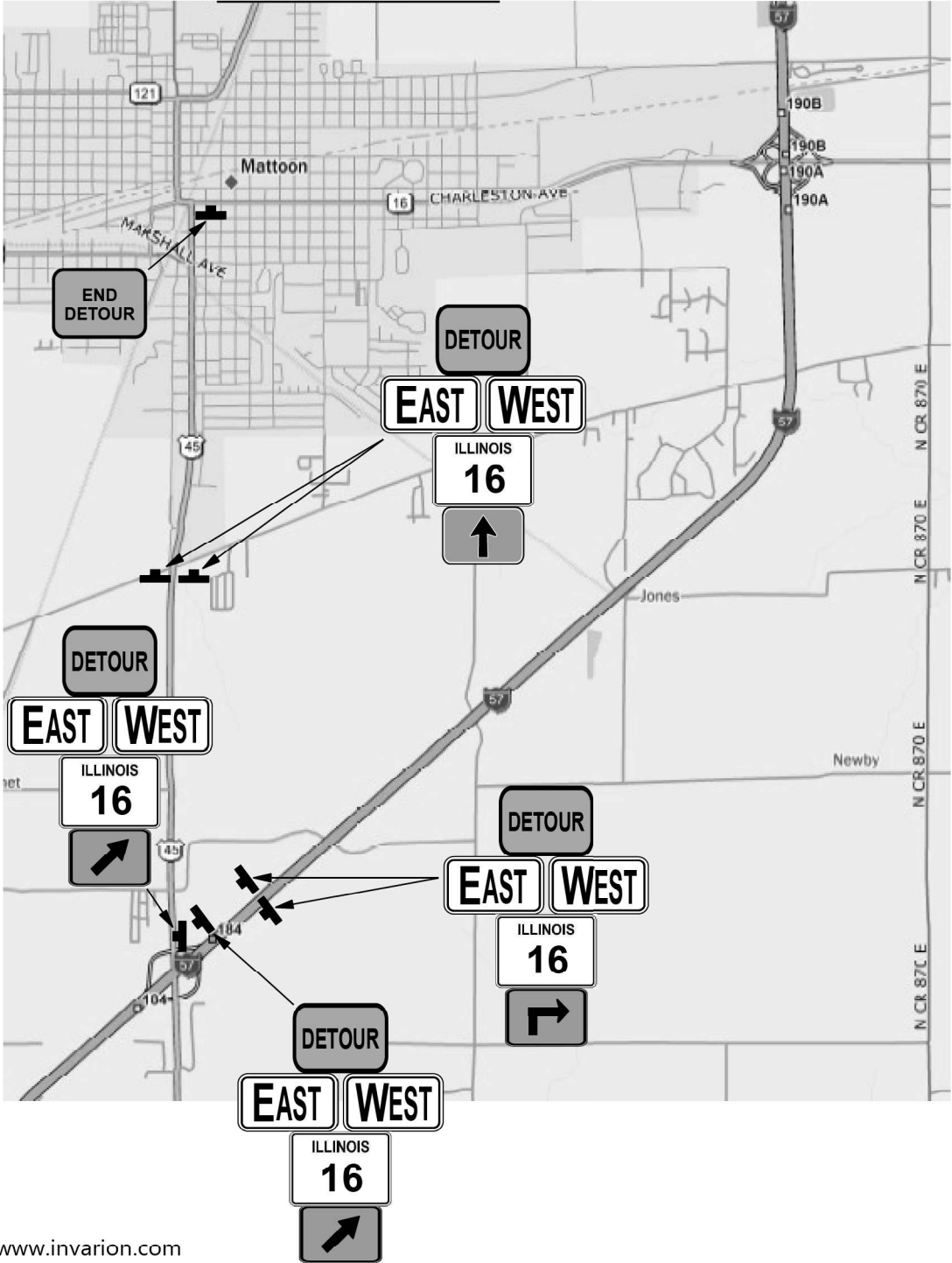
DETOUR SIGNING DETAILS			
SCALE:	SHEET 2 OF 6 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	402
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



W20-2(O)-48	W20-2(O)-48	M4-8a(O)-3024
M6-3(O)-3018	M5-1R(O)-3018	M6-1L(O)-3018
M6-2R(O)-3018	M3-2-3015	M3-4-3015
	M1-I100-36	

Closure of Exit 190 Ramps shall be
in conjunction with Standards
701451 & 701901.



SIGN LEGEND

 W20-2(O)-48	 W20-2(O)-48	 M4-8a(O)-3024
 M6-3(O)-3018	 M5-1R(O)-3018	 M6-1R(O)-3018
 M6-2R(O)-3018	 M3-2-3015	 M3-4-3015
	 M1-I100-36	

MODEL: Detour Signing Details-3 (Sheet)
FILE NAME: c:\p\work\p\work\hrtz\kld\852852\74435-sheets-DetourSigning.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

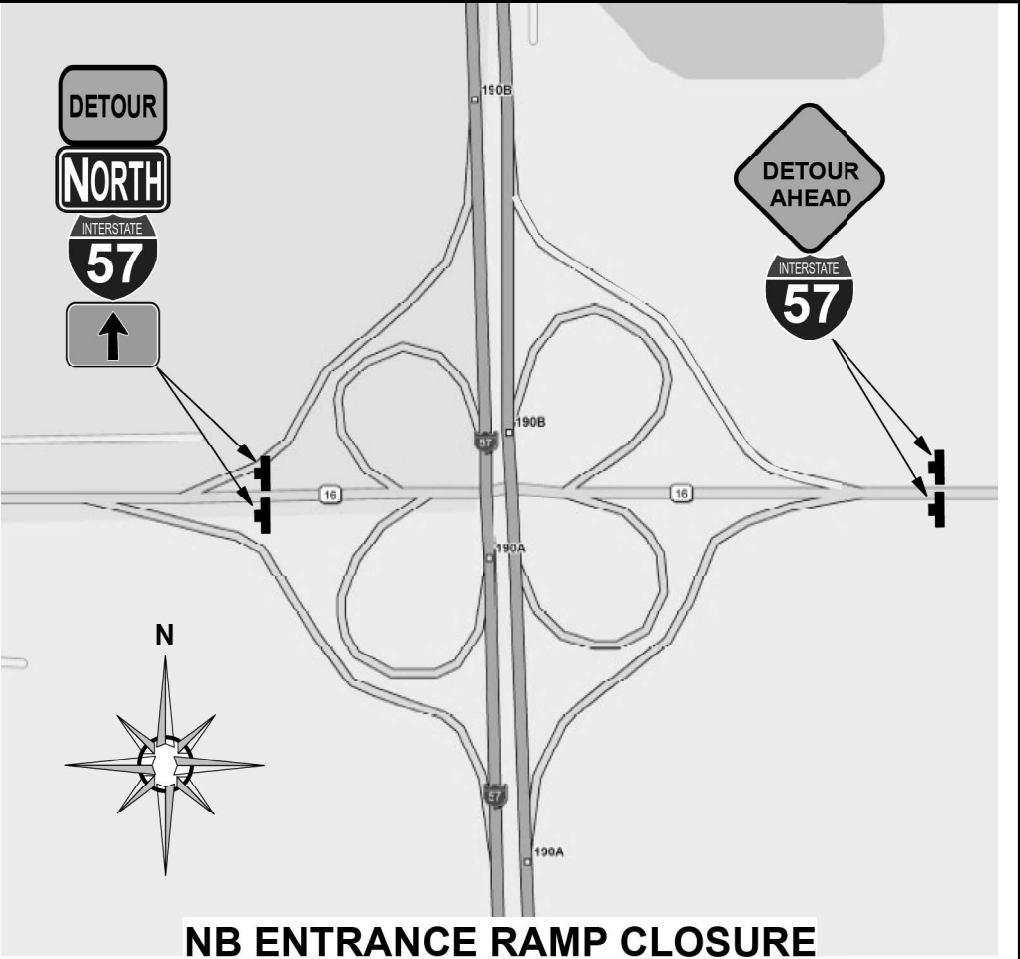
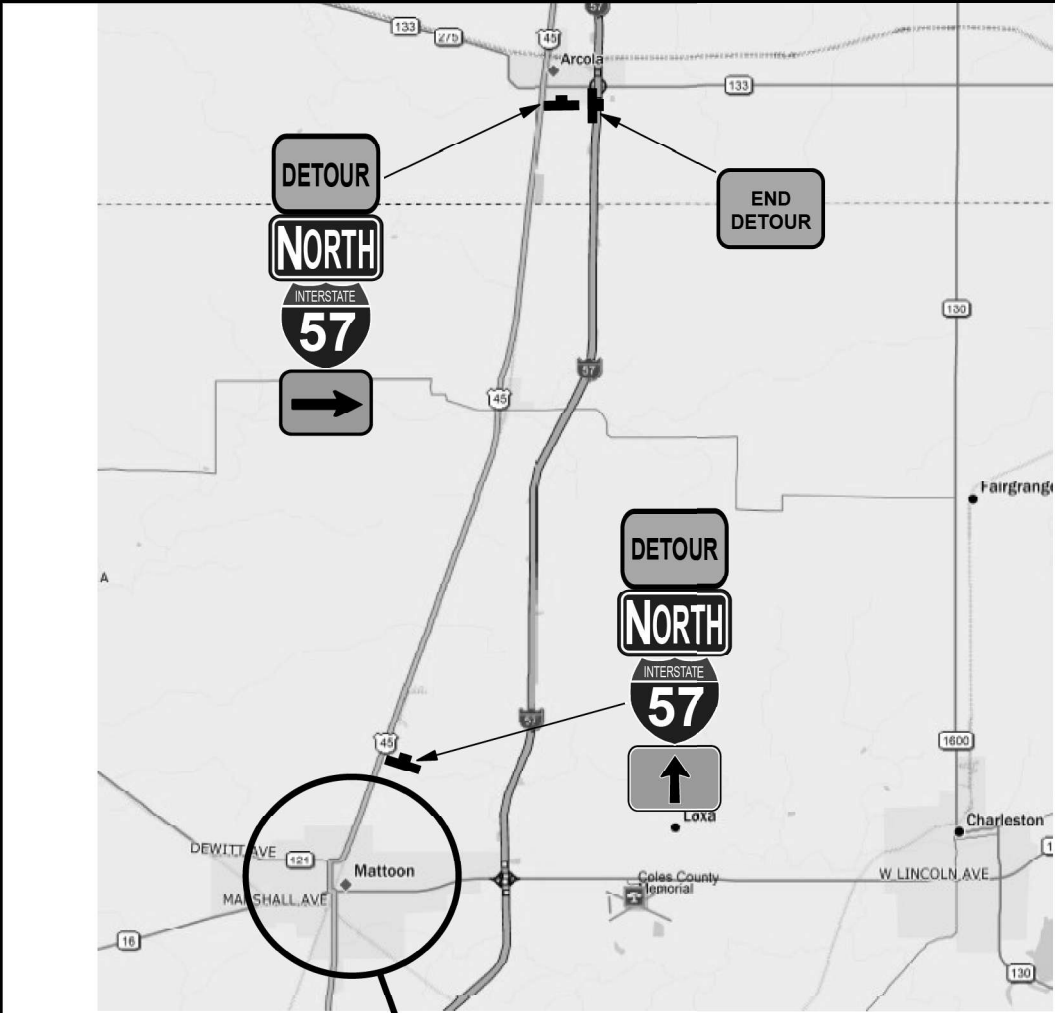
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING DETAILS

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	404
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: Detour Signing Details-4 (Sheet)
FILE NAME: c:\p\work\hrtz\hrtz\id852852\74435-sheets-DetourSigning.dgn



SIGN LEGEND

 W20-2(O)-48	 W20-2(O)-48	 M4-8a(O)-3024
 M6-3(O)-3018	 M5-1R(O)-3018	 M6-1L(O)-3018
 M3-1(BL)-3015	 M1-1-36	 M6-1R(O)-3018

Closure of Exit 190 Ramps shall be
in conjunction with Standards
701451 & 701901.

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USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING DETAILS			
SCALE:	SHEET 5	OF 6 SHEETS	STA. TO STA.

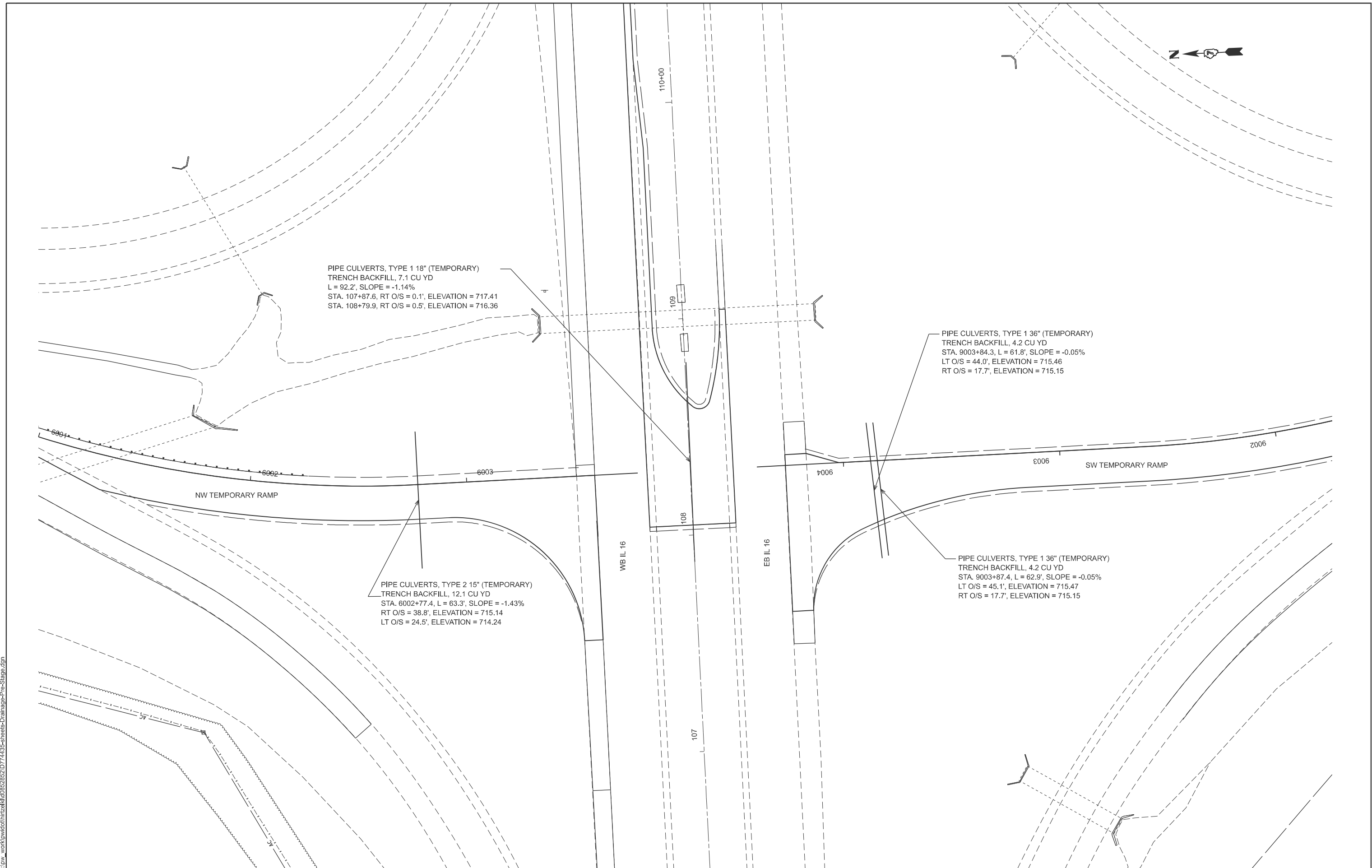
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	405
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



SIGN LEGEND

 W20-2(O)-48	 W20-2(O)-48	 M4-8a(O)-3024
 M6-3(O)-3018	 M5-1L(O)-3018	 M6-1L(O)-3018
 M3-3(BL)-3015	 M1-1-36	

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING DETAILS					F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -							57	(15-22HB-4)BR (15-22)R	COLES	1086	406
	CHECKED -	REVISED -							CONTRACT NO. 74435				
PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE:	SHEET 6	OF 6	SHEETS	STA.	TO STA.				



MODEL: NW Temp Ramp - NW SW Temp Ramp [Sheet]
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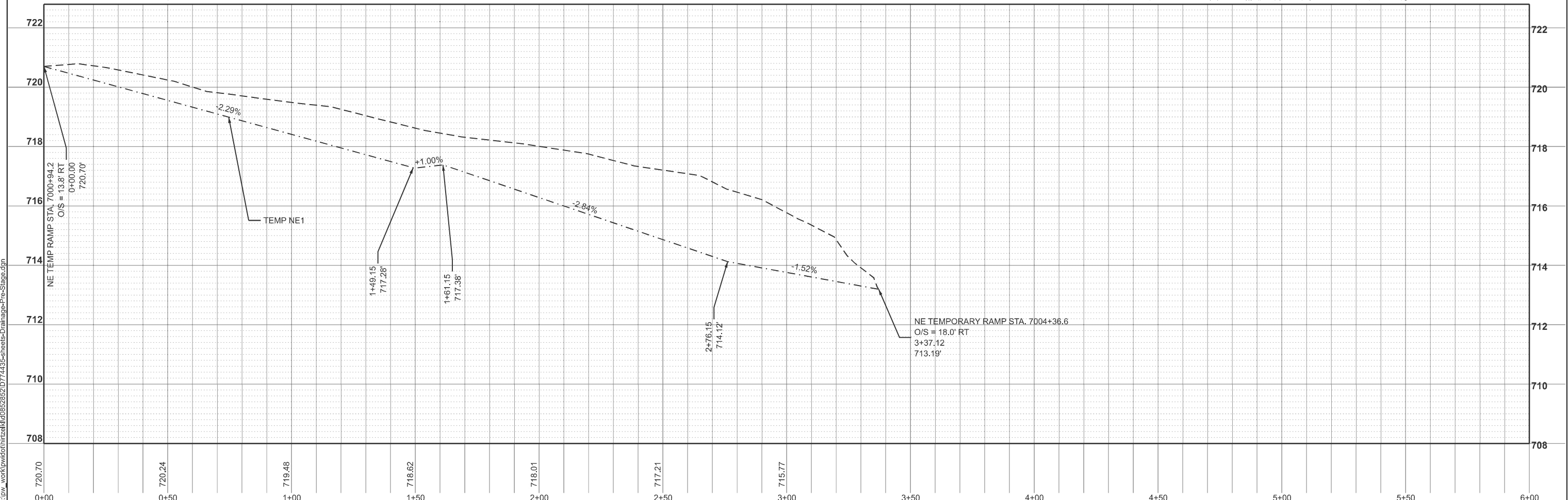
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
PRE-STAGE: NW & SW TEMPORARY RAMPS

SCALE: 1"=20'	SHEET 1	OF 7	SHEETS	STA. 6001+00.00	TO STA. 6007+00.00
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	407
		CONTRACT NO. 74435		
ILLINOIS		FED. AID PROJECT		



MODEL: NE Temp Ramp - NE Temp Ramp Plan [Sheet]

MODEL: GDBOS2-TEMP NE2 [Sheet]
FILE NAME: c:\pwwork\hrtzel\kld852852\D774435-sheets\Drainage-Pre-Stage.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISED	-
PLOT SCALE	= \$\$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

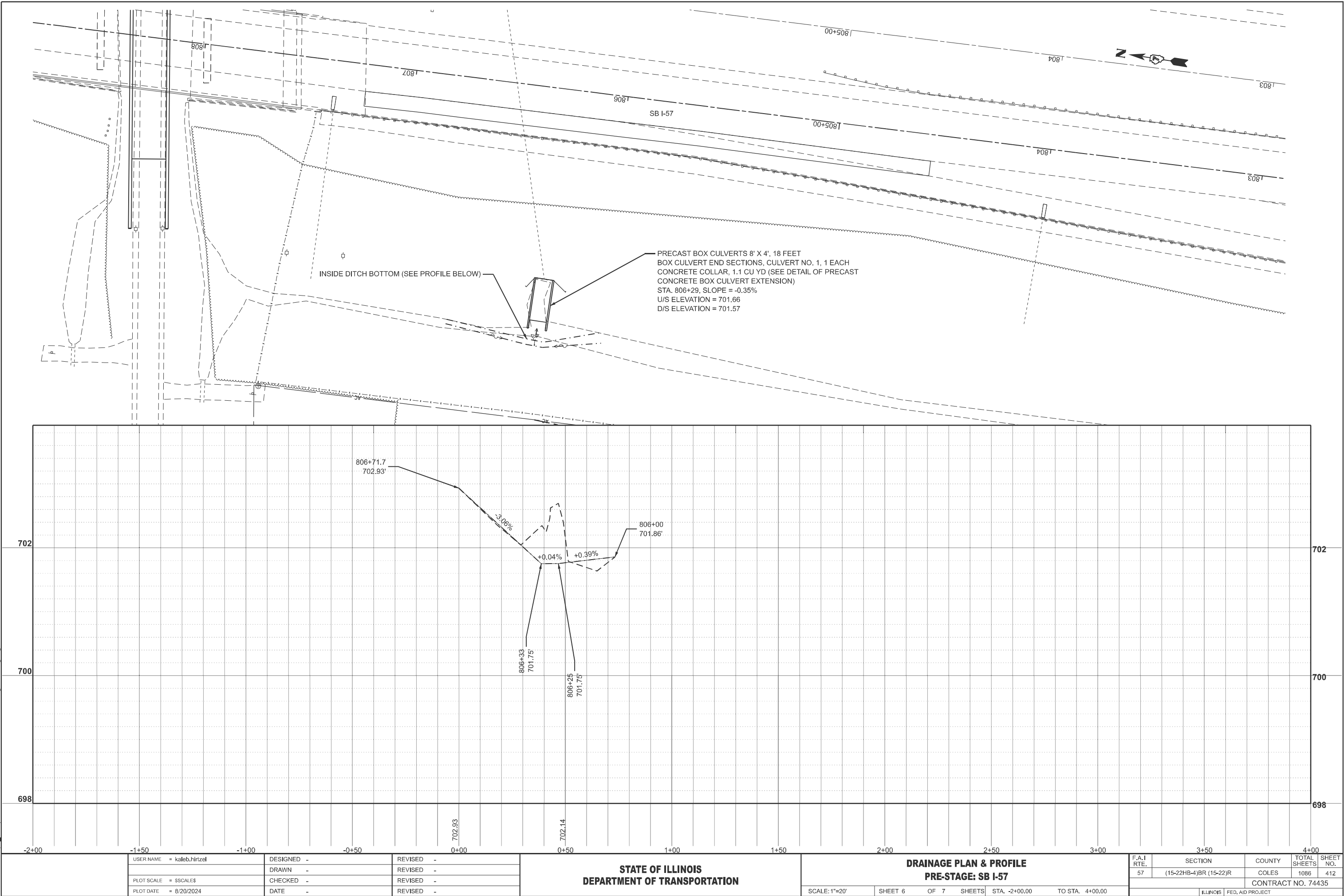
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
PRE-STAGE: NE TEMPORARY RAMP

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 0+00.00 TO STA. 6+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	409
CONTRACT NO. 74435				
		ILLINOIS	FED. AID PROJECT	

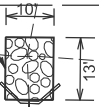
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FILE NAME: c:\pwwork\hrtzel\hrtzel\062852\0774435-sheets\Drainage-Pre-Stage.dgn





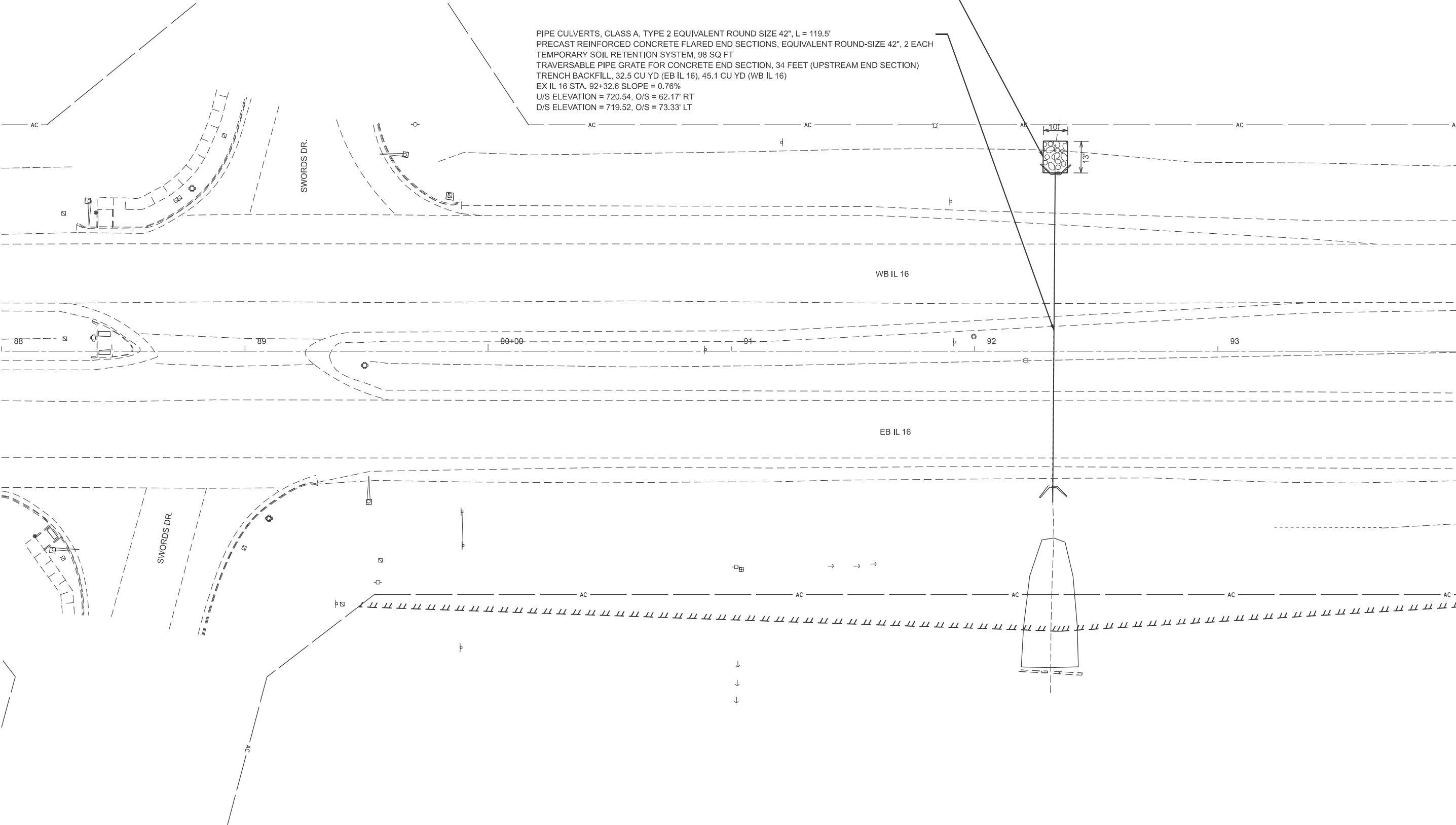
STONE RIPRAP, CLASS A3, 14.4 SQ YD
FILTER FABRIC, 14.4 SQ YD

PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND SIZE 42", L = 119.5'
PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 42", 2 EACH
TEMPORARY SOIL RETENTION SYSTEM, 98 SQ FT
TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION, 34 FEET (UPSTREAM END SECTION)
TRENCH BACKFILL, 32.5 CU YD (EB IL 16), 45.1 CU YD (WB IL 16)
EX IL 16 STA. 92+32.6 SLOPE = 0.76%
U/S ELEVATION = 720.54, O/S = 62.17' RT
D/S ELEVATION = 719.52, O/S = 73.33' LT



WB IL 16

EB IL 16



MODEL: Ex IL 17 - IL 16 42in ERS Pipe (Sheet)
FILE NAME: c:\p\work\hirtzel\id852852\74435-sheets-Drainage-Pre-Stage.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

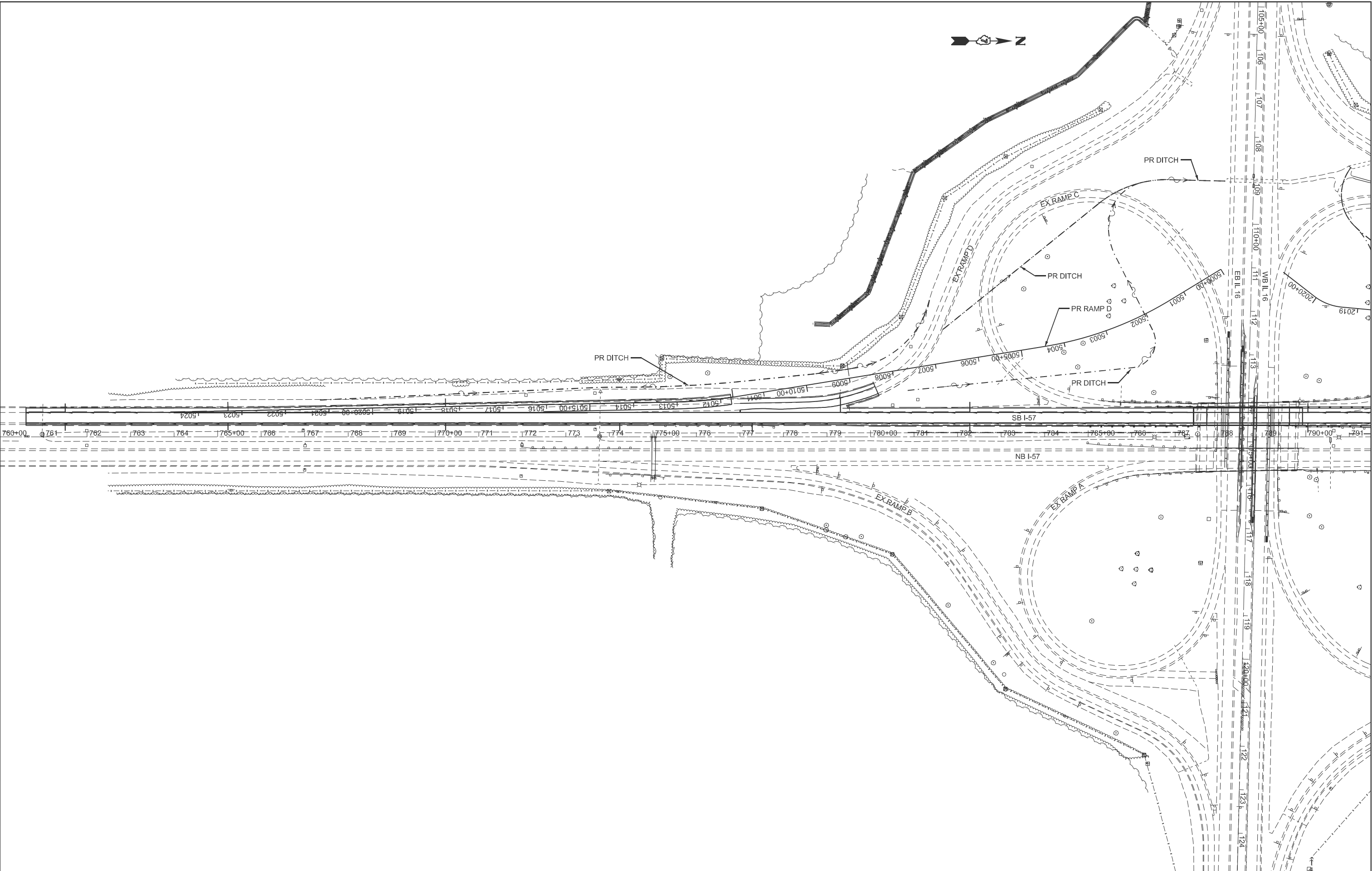
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
PRE-STAGE: IL 16

SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. 88+00.00 TO STA. 94+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	413
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: Stage 1 South (Sheet)
FILE NAME: c:\p\work\hrtz\k\id852852\D774435-sheets-Drainage-Stage1.dgn



USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

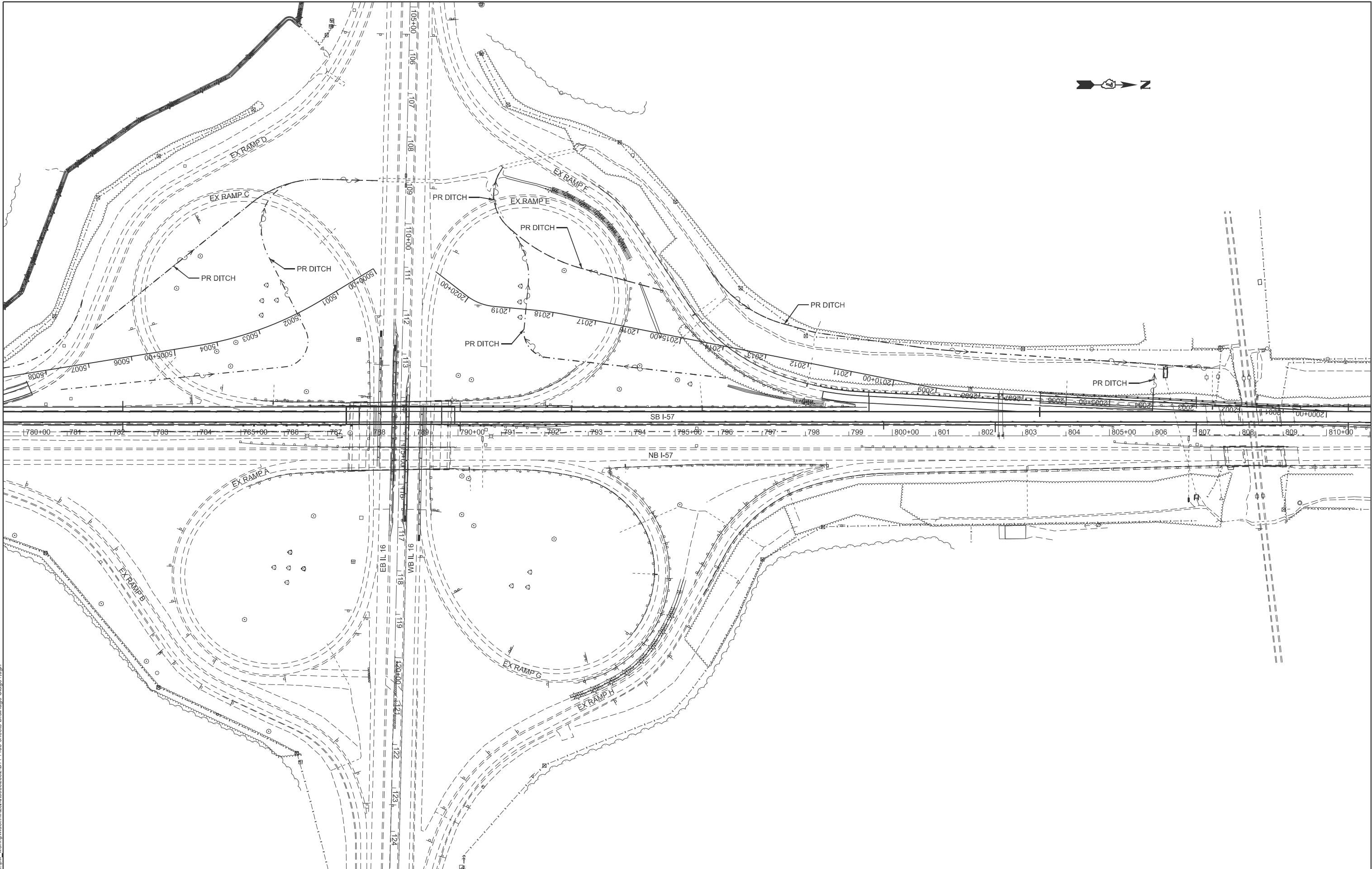
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: OVERALL SOUTH VIEW

SCALE: SHEET 1 OF 21 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	414
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: Stage 1 North (Sheet)
FILE NAME: c:\p\work\hrtz\kld082852\0774435-sheets-Drainage-Stage1.dgn



USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

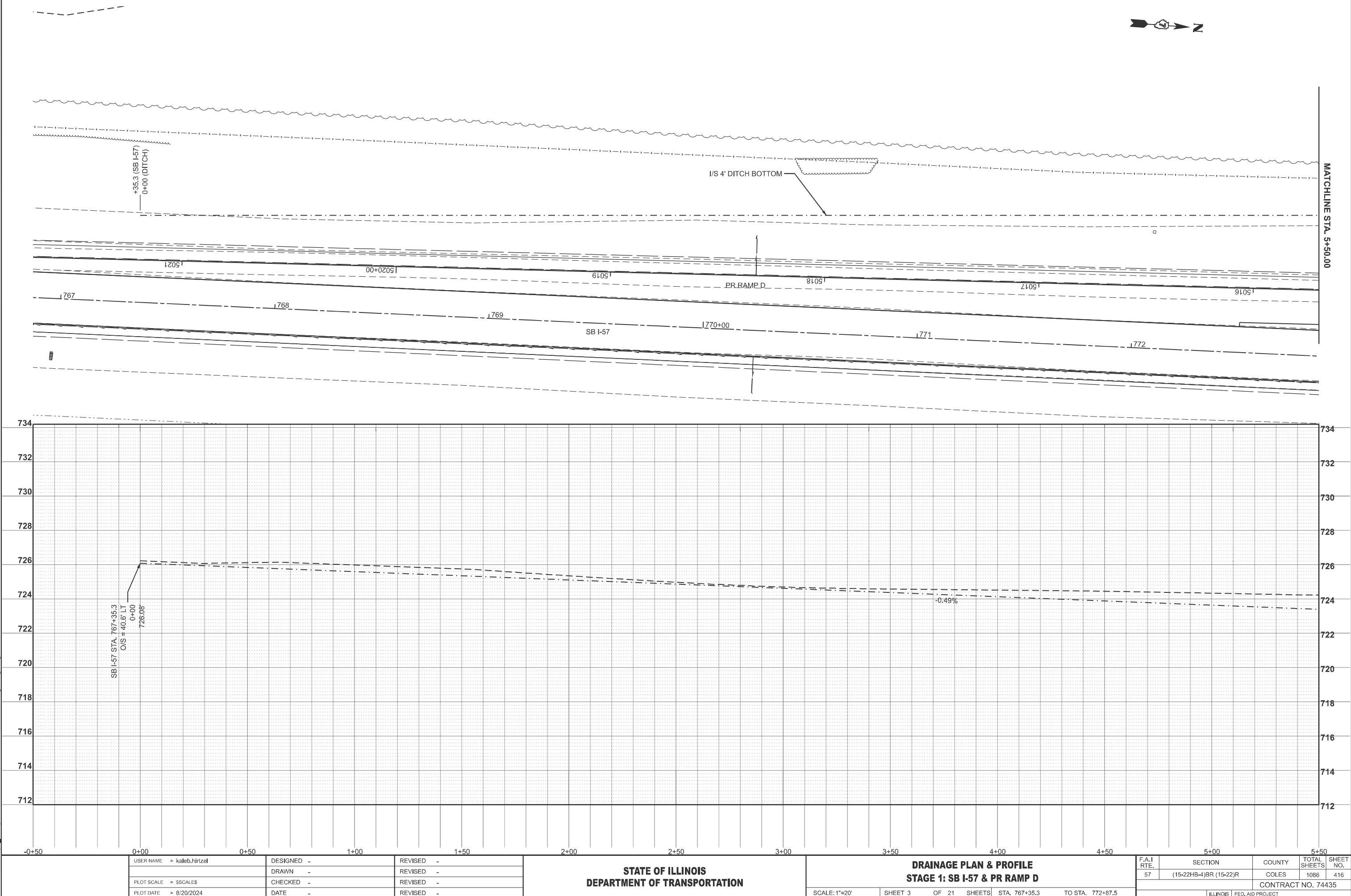
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: NORTH OVERALL VIEW

SCALE: SHEET 2 OF 21 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22)HB-4)BR (15-22)R	COLES	1086	415
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: G:\08011-SB I-57 LT Ditch Plan (Sheet)
FILE NAME: c:\p\work\hrtz\hrtz\08011-SB I-57 LT Ditch Plan (Sheet).dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISION	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

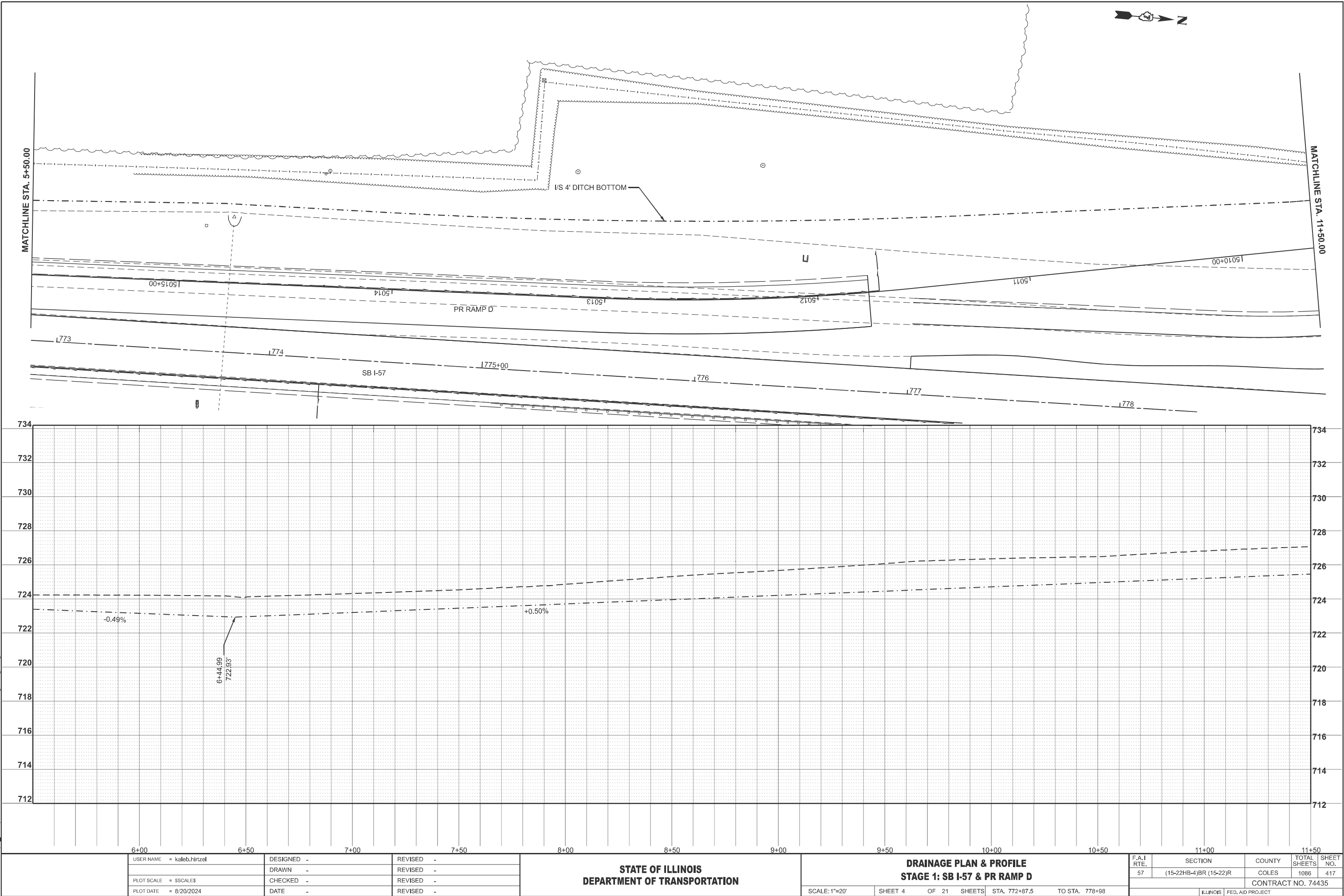
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: SB I-57 & PR RAMP D

SCALE: 1"=20' SHEET 3 OF 21 SHEETS STA. 767+35.3 TO STA. 772+87.5

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	416
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: GrdBot11 - S SB 57 LT Ditch Plan-1 (Sheet)
FILE NAME: c:\p\work\p\work\hrtzel\652852\074435-sheets\Drainage-Stage1.dgn



USER NAME	= kaleb.hirtzel
PLOT SCALE	= \$SCALE\$
PLOT DATE	= 8/20/2024

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

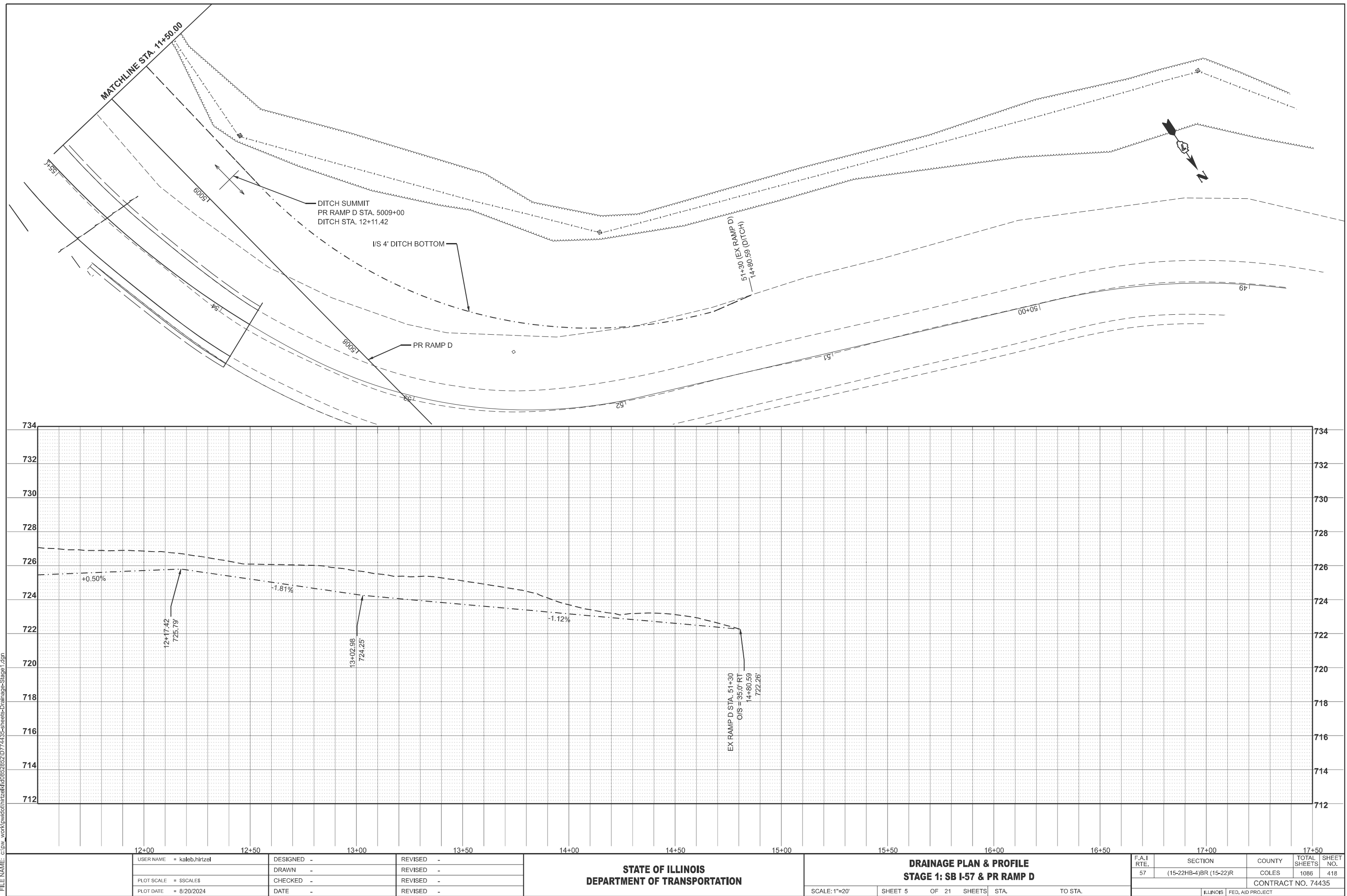
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

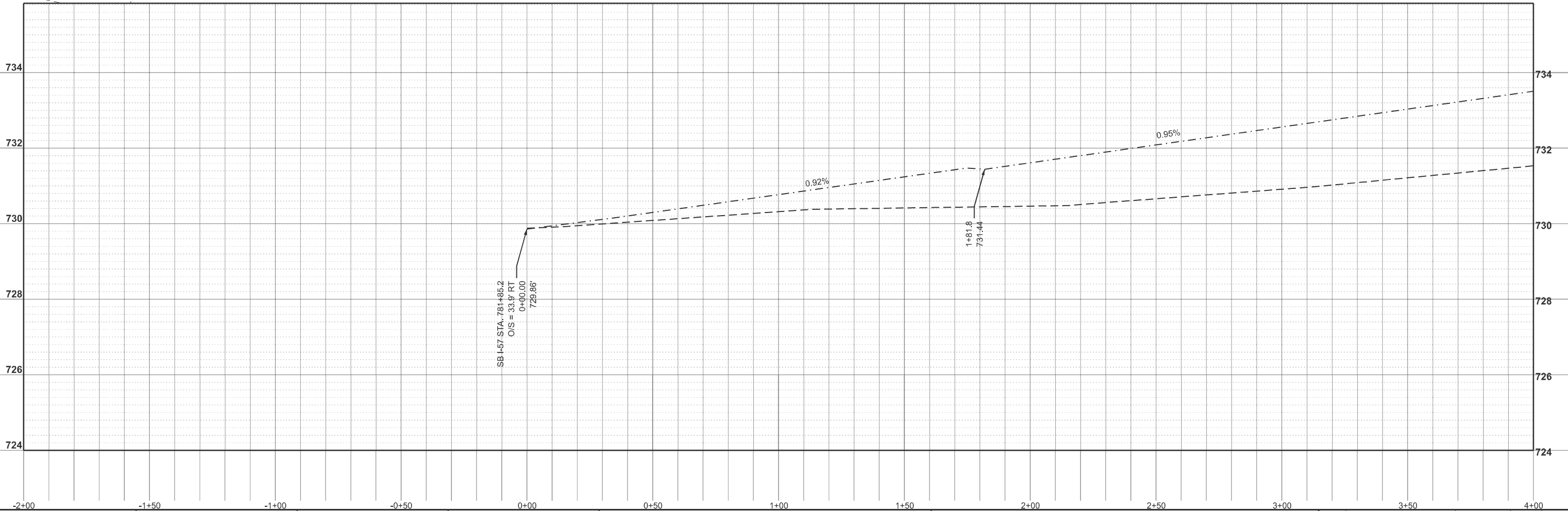
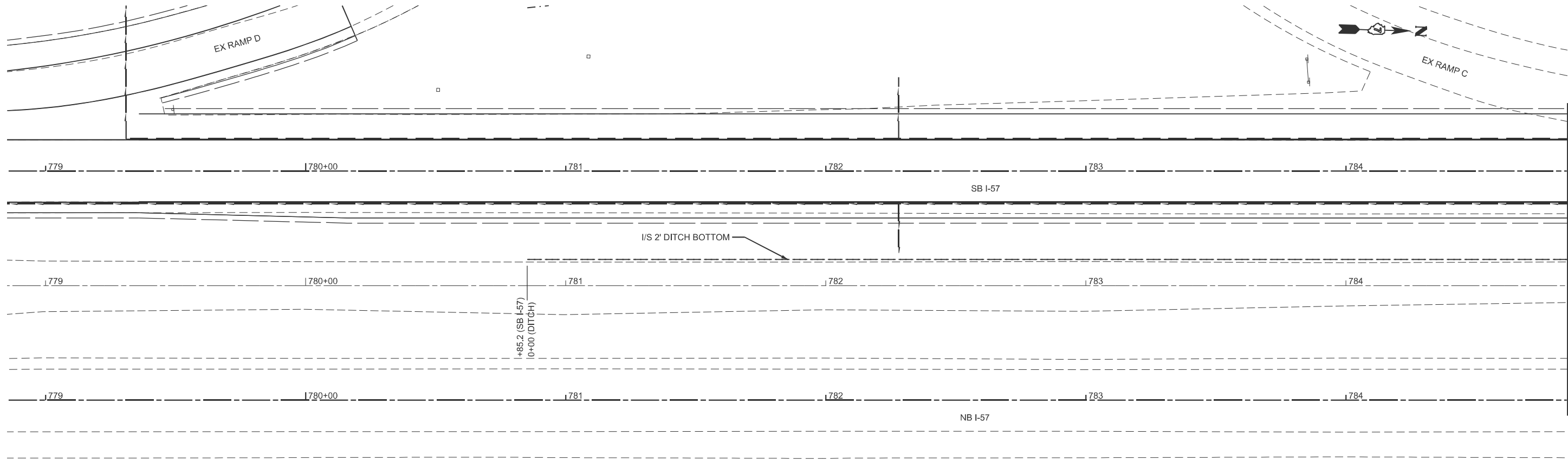
DRAINAGE PLAN & PROFILE
STAGE 1: SB I-57 & PR RAMP D

SCALE: 1"=20' SHEET 4 OF 21 SHEETS STA. 772+87.5 TO STA. 778+98

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	417
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: S SR57 MEDIAN - S SR57 MEDIAN DITCH PLAN2 [Sheet]
FILE NAME: c:\p\work\p\drainage\hrtzel\0862852\077435-sheets\Drainage-Stage1.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

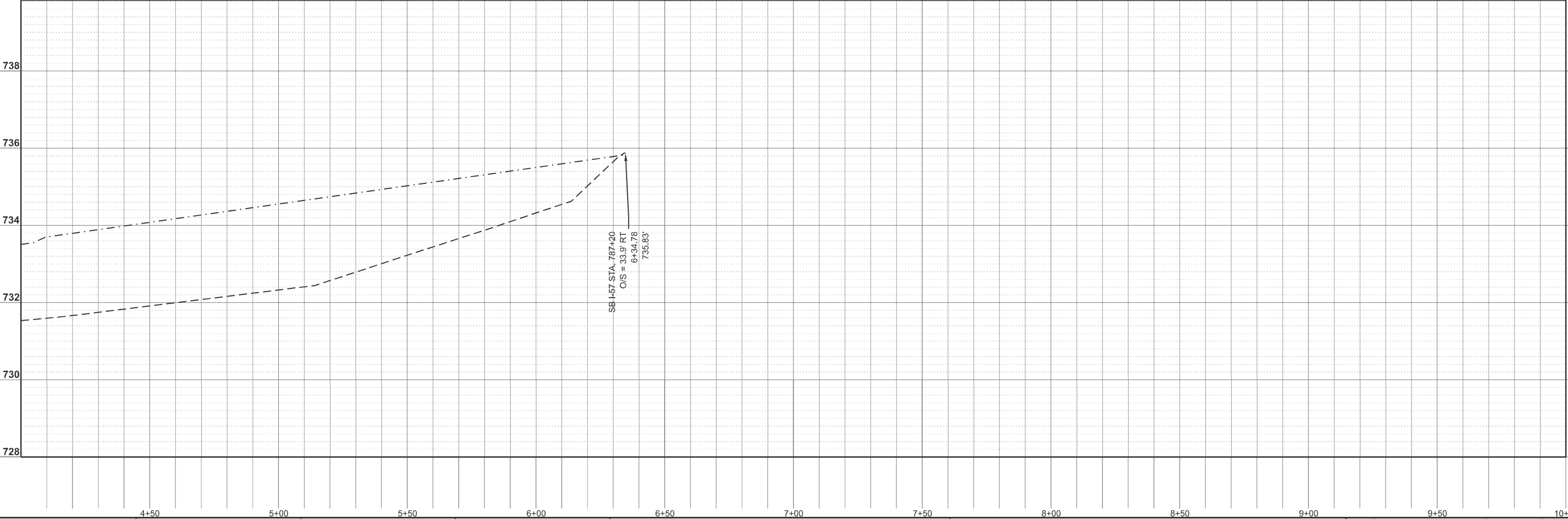
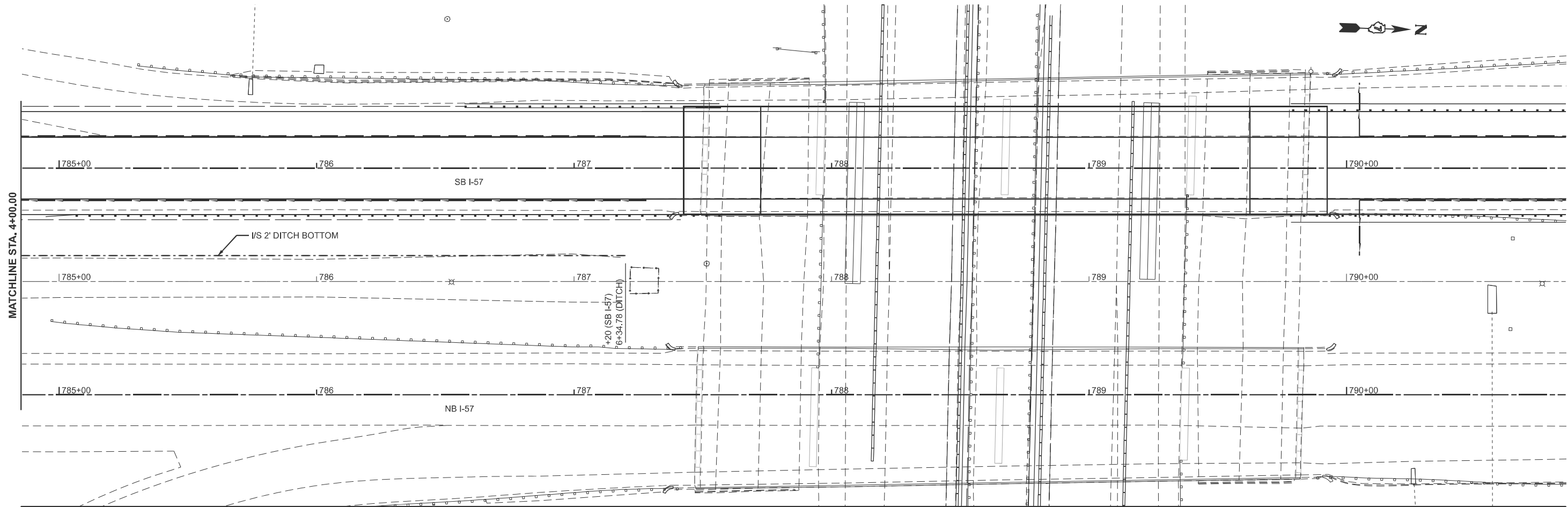
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: SB I-57

SCALE: 1"=20' SHEET 6 OF 21 SHEETS STA. -2+00.00 TO STA. 4+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	419
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: S SR57 MEDIAN - S SR57 MEDIAN DITCH PLAN-3 [Sheet]
FILE NAME: c:\p\work\p\work\hrtzel\0852852\077435-sheets-Drainage-Stage1.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= \$SCALE\$	DATE	-	REVISED	-
PLOT DATE	= 8/20/2024				

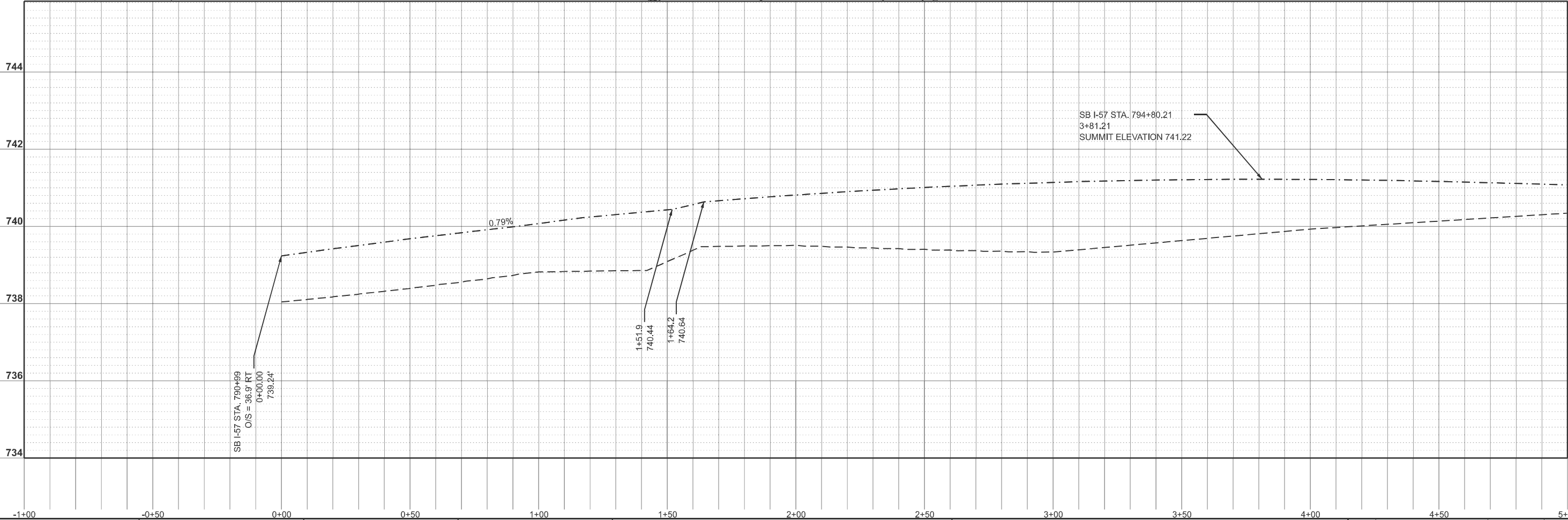
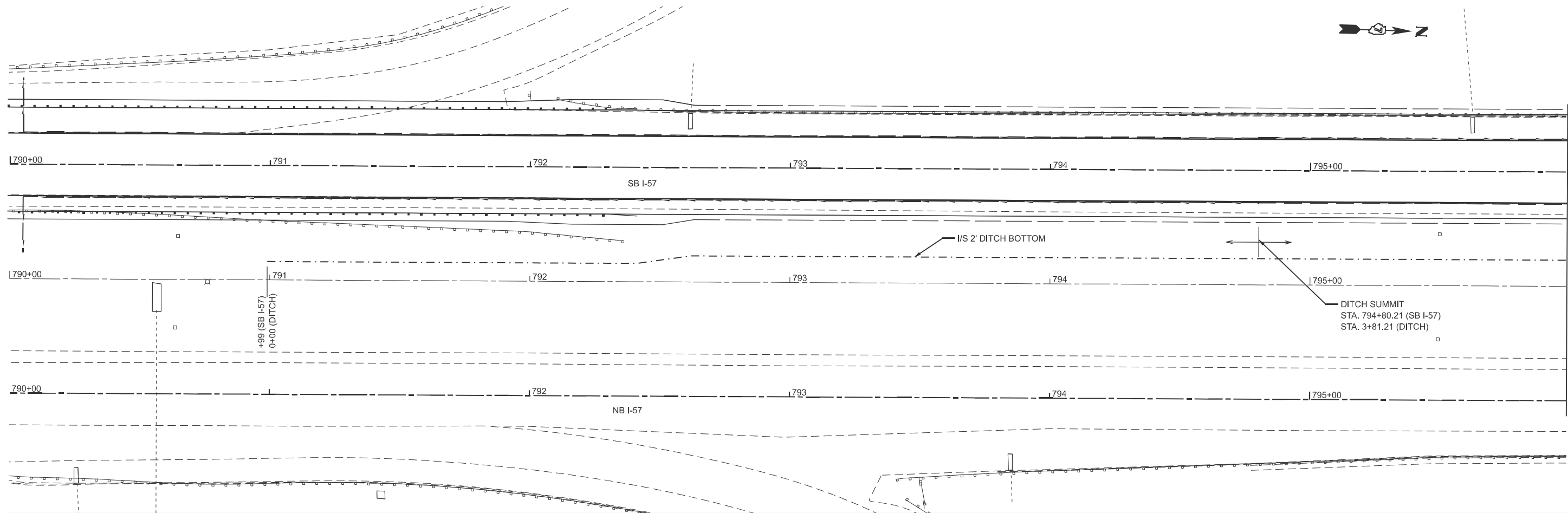
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: SB I-57

SCALE: 1"=20' SHEET 7 OF 21 SHEETS STA. 4+00.00 TO STA. 10+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	420
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: N SB57 MEDIAN DITCH - N SB57 MEDIAN DITCH PLAN (Sheet)
FILE NAME: c:\p\work\hrtzel\hrtzel\082852\074435-sheets\Drainage-Stage1.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
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PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

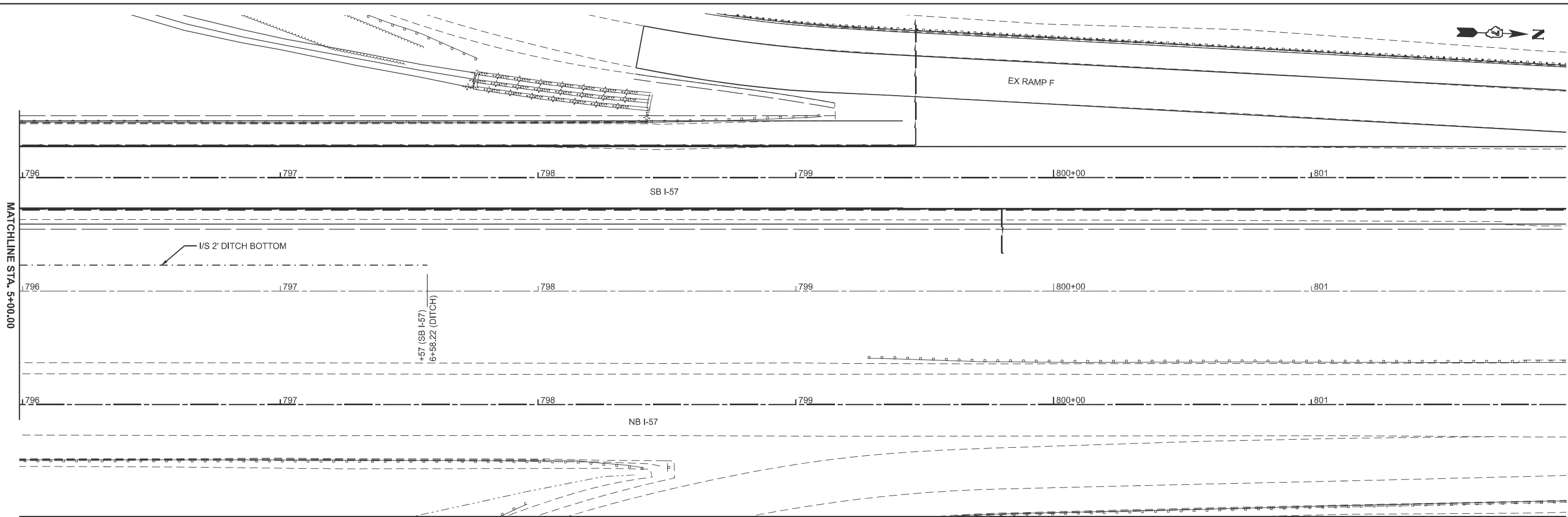
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: SB I-57

SCALE: 1"=20' SHEET 8 OF 21 SHEETS STA. 790+99 TO STA. 795+99

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	421
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: N SB57 MEDIAN DITCH - N SB57 MEDIAN DITCH PLAN-1 [Sheet]
FILE NAME: c:\p\work\p\work\hrtzel\kld862852\D74435-sheets-Drainage-Stage1.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= \$SCALE\$	DATE	-	REVISED	-
PLOT DATE	= 8/20/2024				

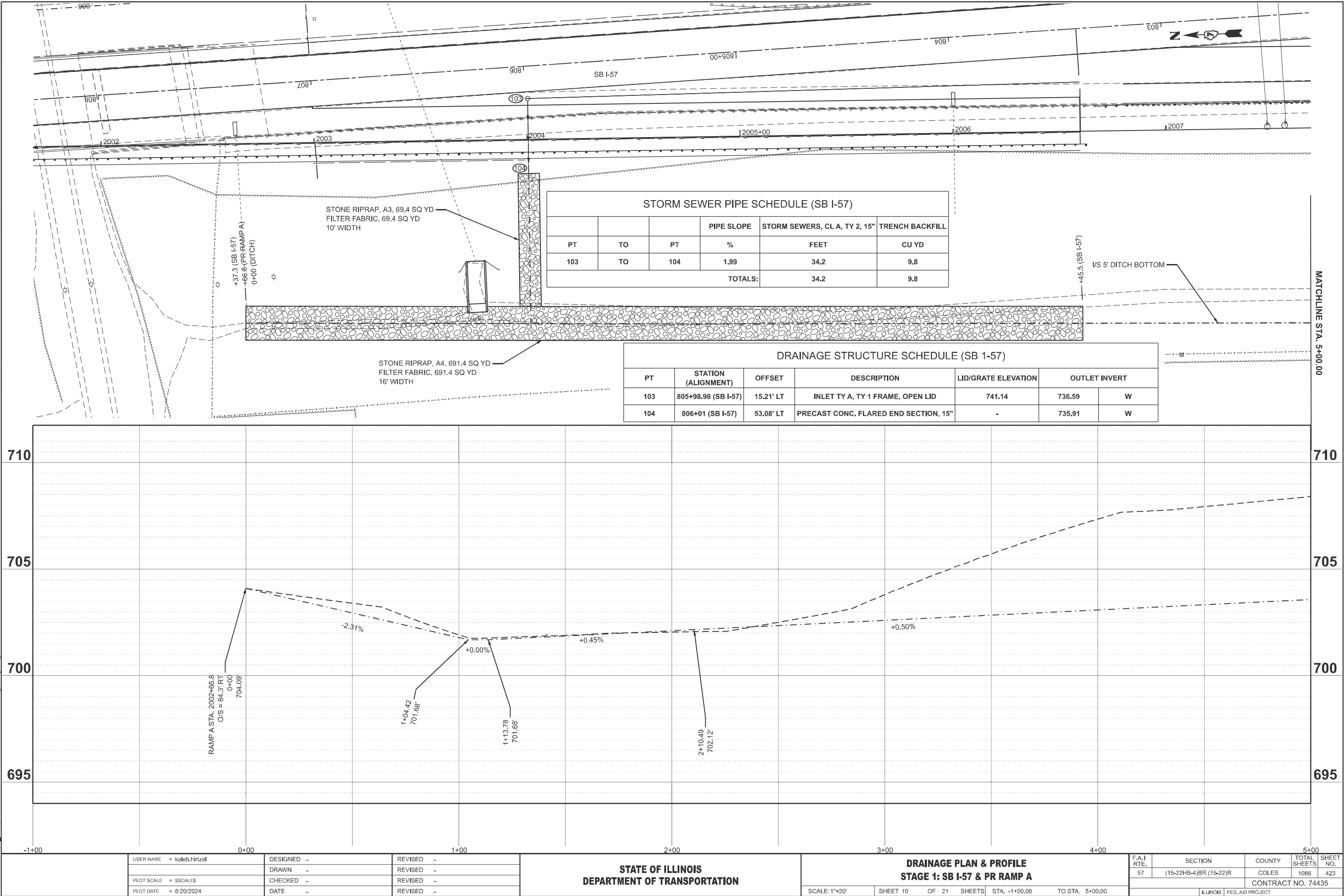
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: SB I-57

SCALE: 1"=20' SHEET 9 OF 21 SHEETS STA. 795+99 TO STA. 797+57

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	422
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: RampA_Ditch - N SB57 LT DITCH PLAN-3 [Sheet]
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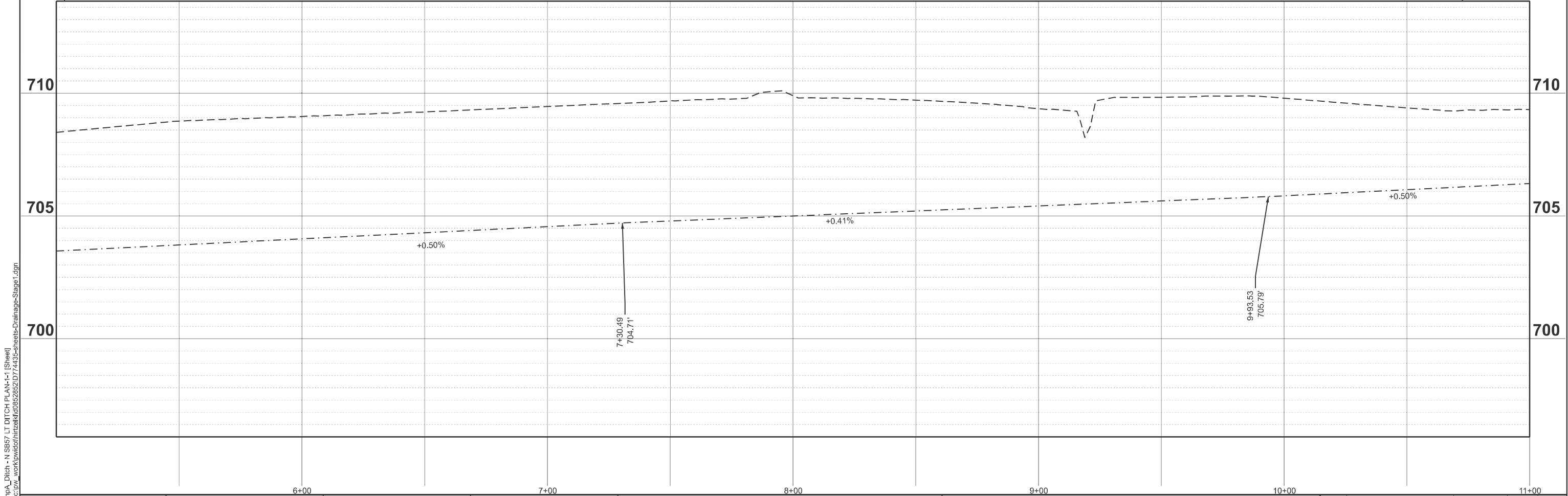
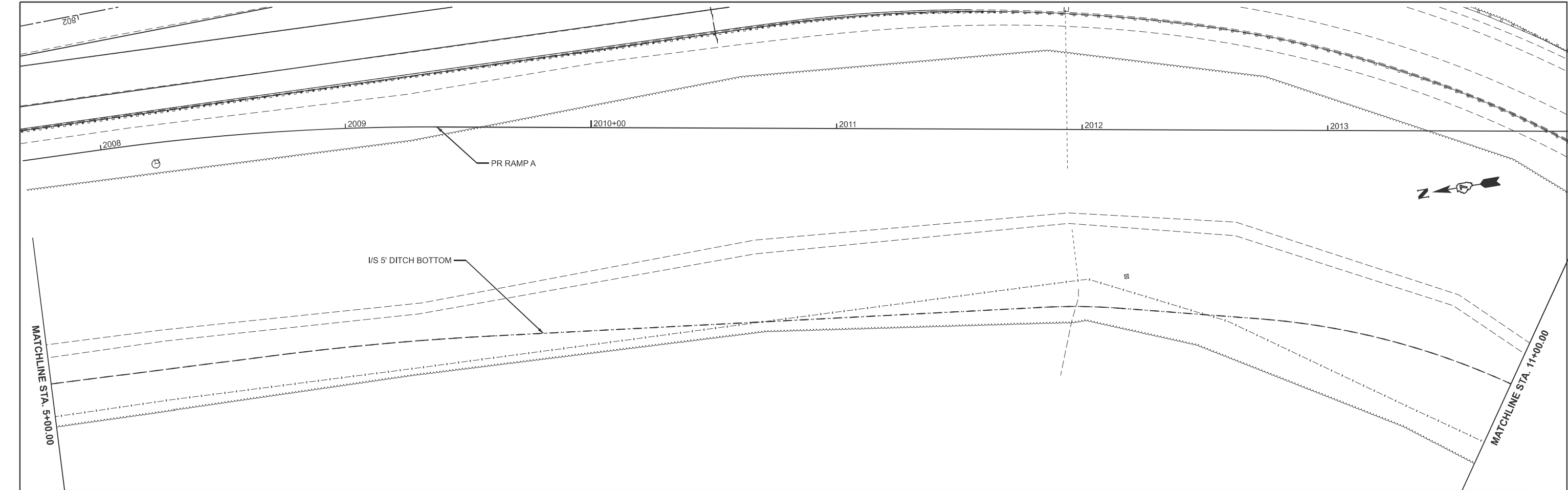


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: SB I-57 & PR RAMP A

SCALE: 1"=20' SHEET 10 OF 21 SHEETS STA. -1+00.00 TO STA. 5+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	423
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: Rampa_Ditch - N 5857 LT DITCH PLAN-1-1 (Sheet)
FILE NAME: c:\p\work\hrtz\hrtz\k\0652852\077435-sheets\Drainage-Stage1.dgn

USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
PLOT SCALE	= \$SCALE\$	DRAWN	-	REVISED	-
PLOT DATE	= 8/20/2024	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

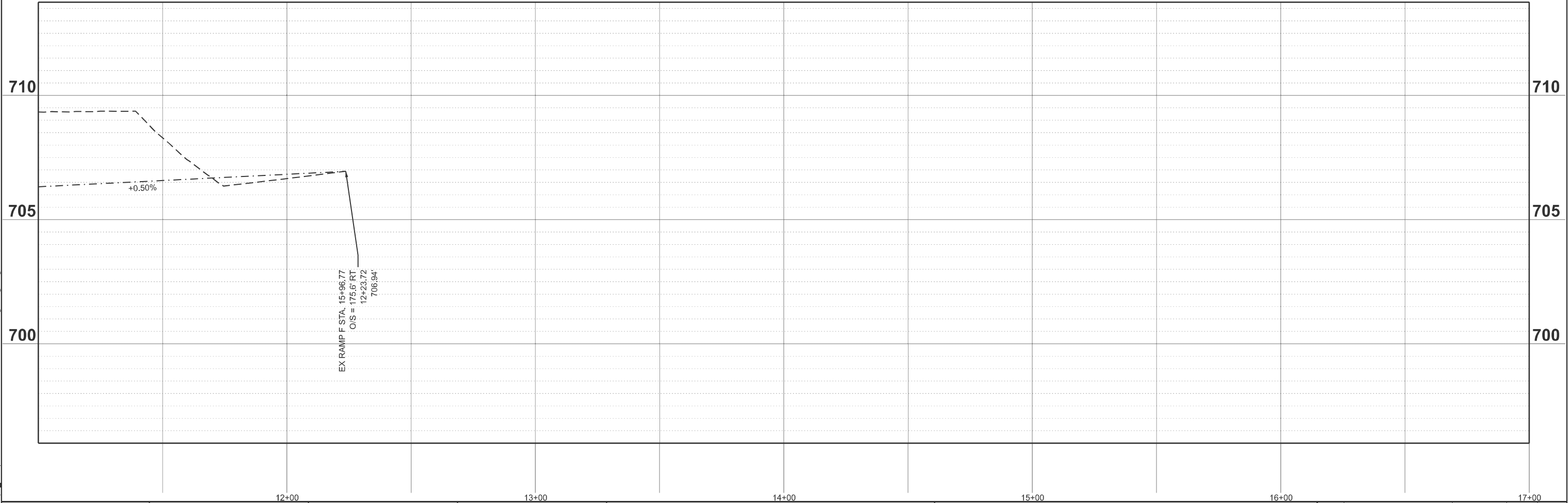
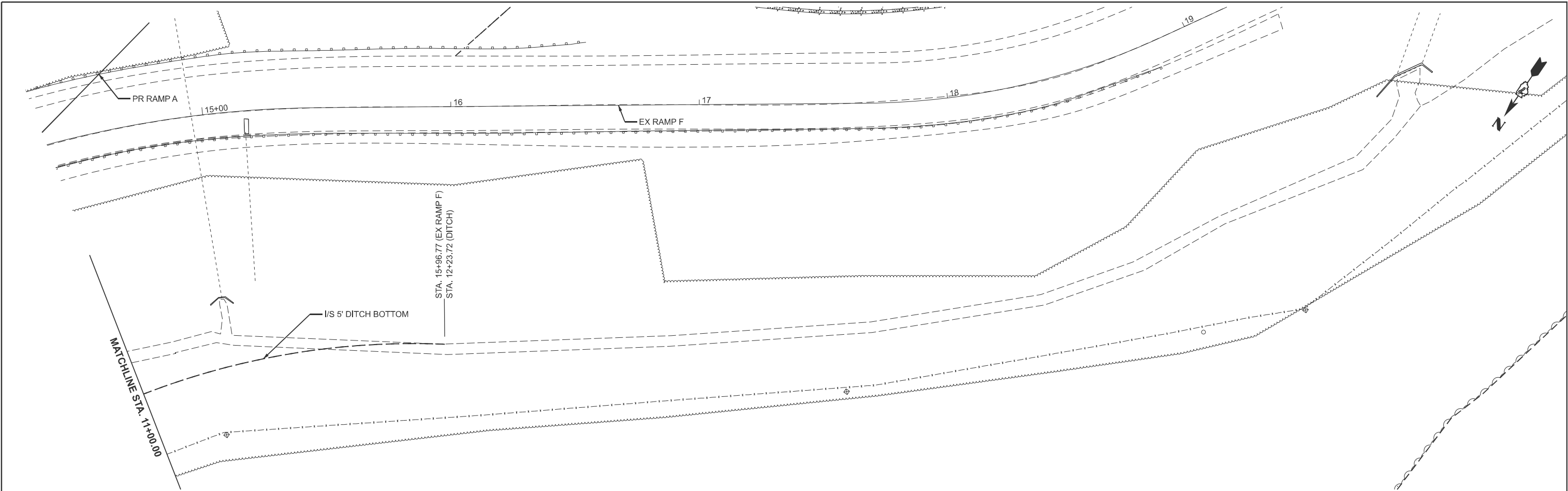
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: SB I-57 & PR RAMP A

SCALE: 1"=20' SHEET 11 OF 21 SHEETS STA. 5+00.00 TO STA. 11+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	424
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: RampA_Ditch - N SB57 LT DITCH PLAN-2-1 (Sheet)
FILE NAME: c:\p\work\hrtz\hrtz\k\0652852\074435-sheets-Drainage-Stage1.dgn



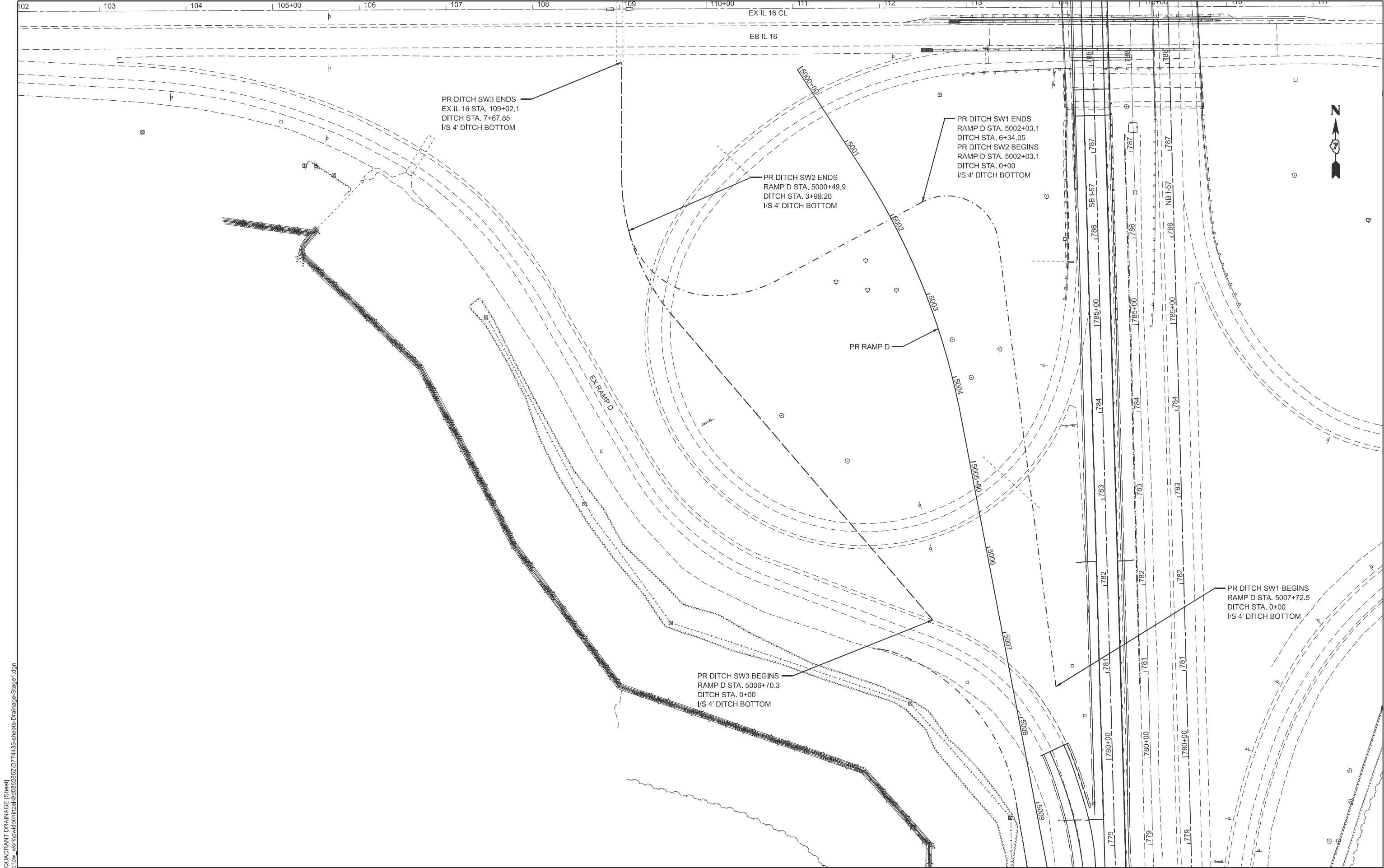
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: SB I-57 & PR RAMP A

SCALE: 1"=20' SHEET 12 OF 21 SHEETS STA. 11+00.00 TO STA. 17+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	425
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: SW QUADRANT DRAINAGE [Sheet]
FILE NAME: c:\p\work\hrtz\hrtz\10852852\0774435-sheets-Drainage-Stage1.dgn

USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

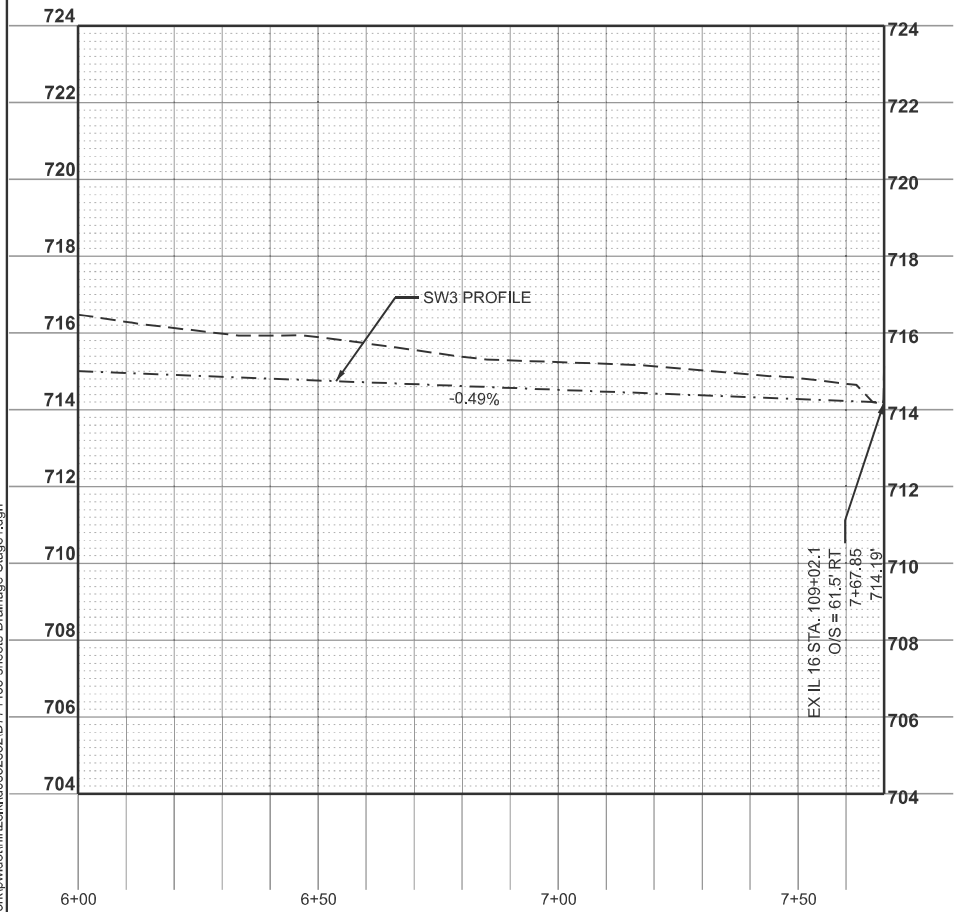
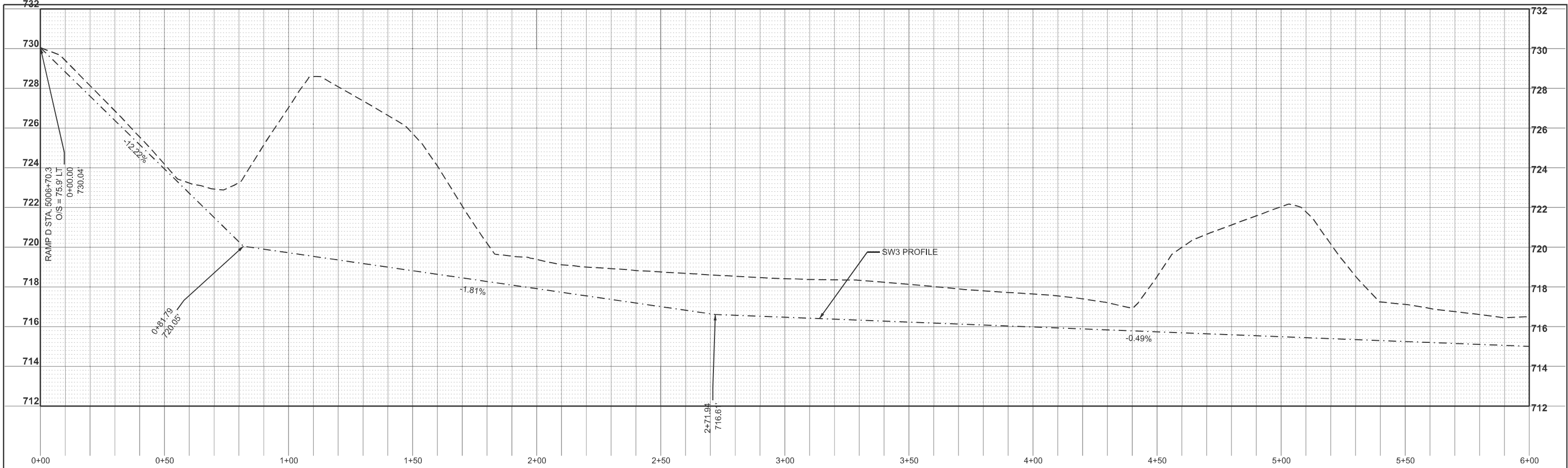
DRAINAGE PLAN & PROFILE
STAGE 1: SW INTERCHANGE QUADRANT

SCALE: SHEET 13 OF 21 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	426
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: SW3 Profile - SW3 Profile (Sheet)
FILE NAME: c:\pwworking\hrtz\kld862852\D774435-sheets-Drainage-Stage1.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
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		DATE	-	REVISED	-

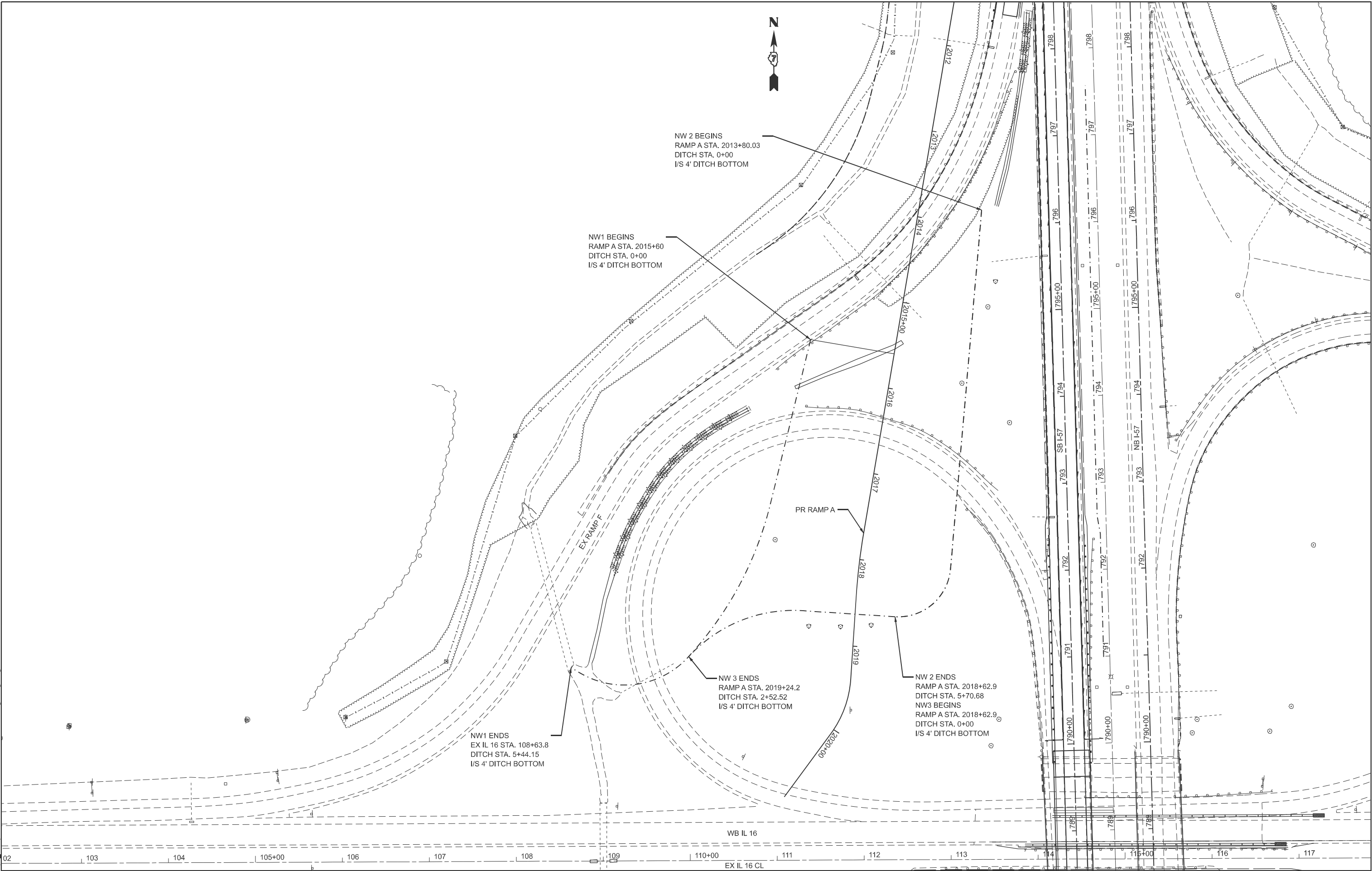
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: SW INTERCHANGE QUADRANT

SCALE: 1"=20' SHEET 16 OF 21 SHEETS STA. 0+00.00 TO STA. 7+67.85

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	429
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: NW QUAD DRAINAGE [Sheet]
FILE NAME: c:\p\work\hrtz\k\0852852\0774435-sheets-Drainage-Stage1.dgn



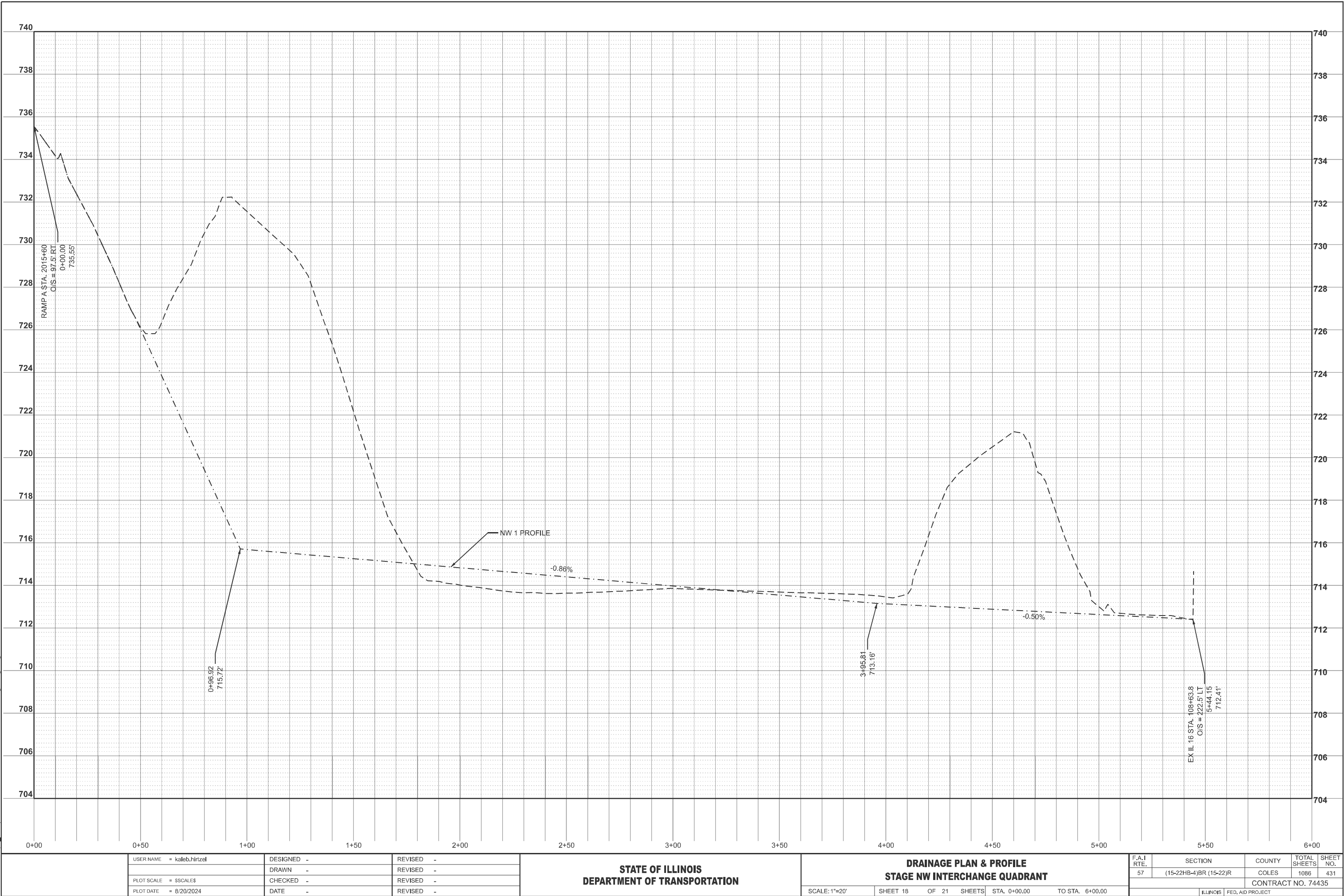
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PLOT DATE	= 8/28/2024	DATE	-	REVISED	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE STAGE1: NW INTERCHANGE QUADRANT			
SCALE:	SHEET 17	OF 21	SHEETS
STA.	TO STA.		

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	430
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: NW1 PROFILE - N SB57 MEDIAN DITCH PROFILE [Sheet]
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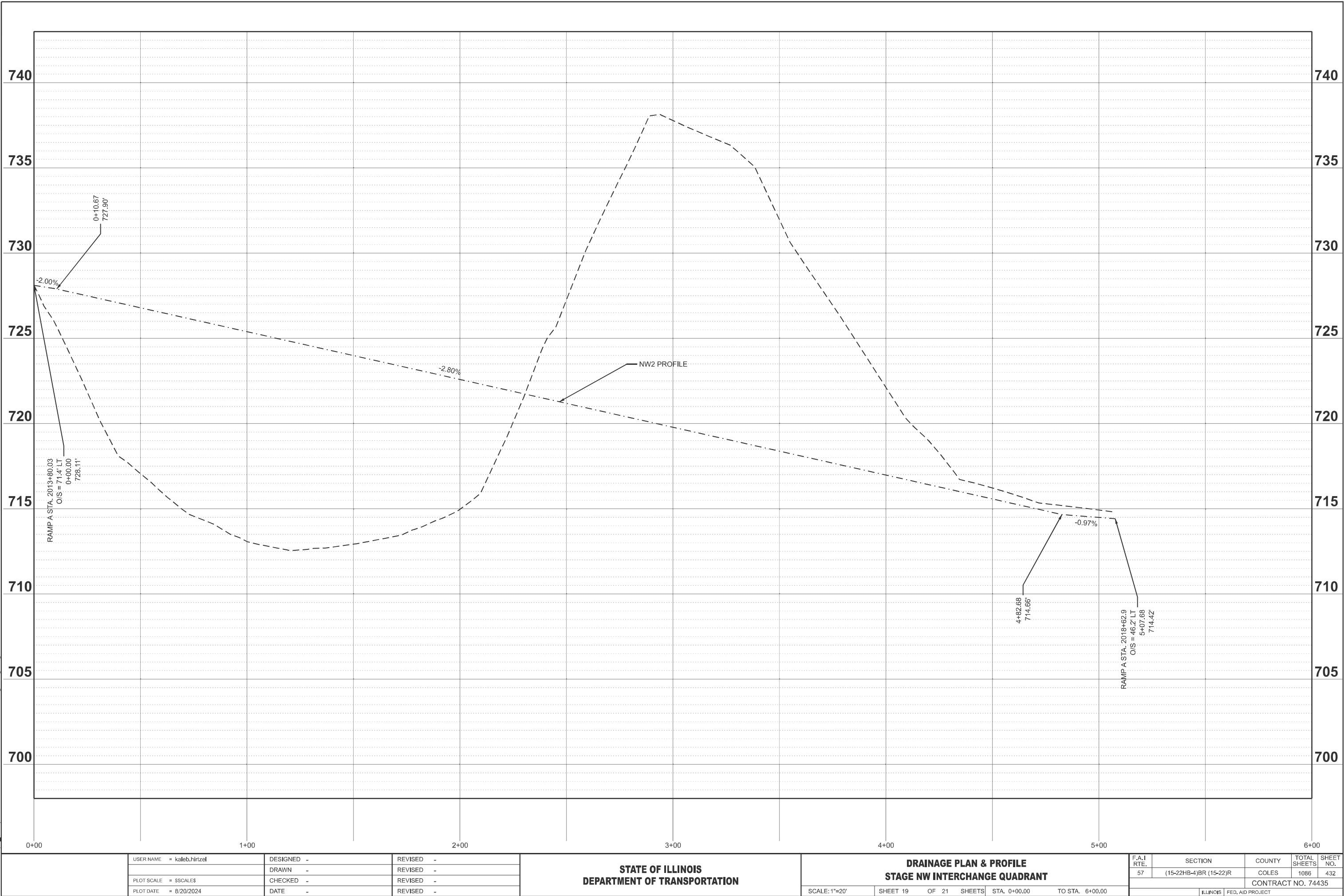
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PLOT SCALE	= \$SCALE\$	DRAWN	-	REVISED	-
PLOT DATE	= 8/20/2024	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE STAGE NW INTERCHANGE QUADRANT			
SCALE: 1"=20'	SHEET 18	OF 21	SHEETS
STA. 0+00.00		TO STA. 6+00.00	

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	431
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: NW2 PROFILE - NW2 DITCH PROFILE [Sheet]
FILE NAME: c:\pwwork\hrtzel\kld652852\074435-sheets\Drainage-Stage1.dgn



MODEL: NW3 PROFILE - NW3 DITCH PROFILE [Sheet]
FILE NAME: c:\pwwork\hrtzel\kld862852\074435-sheets\Drainage-Stage1.dgn



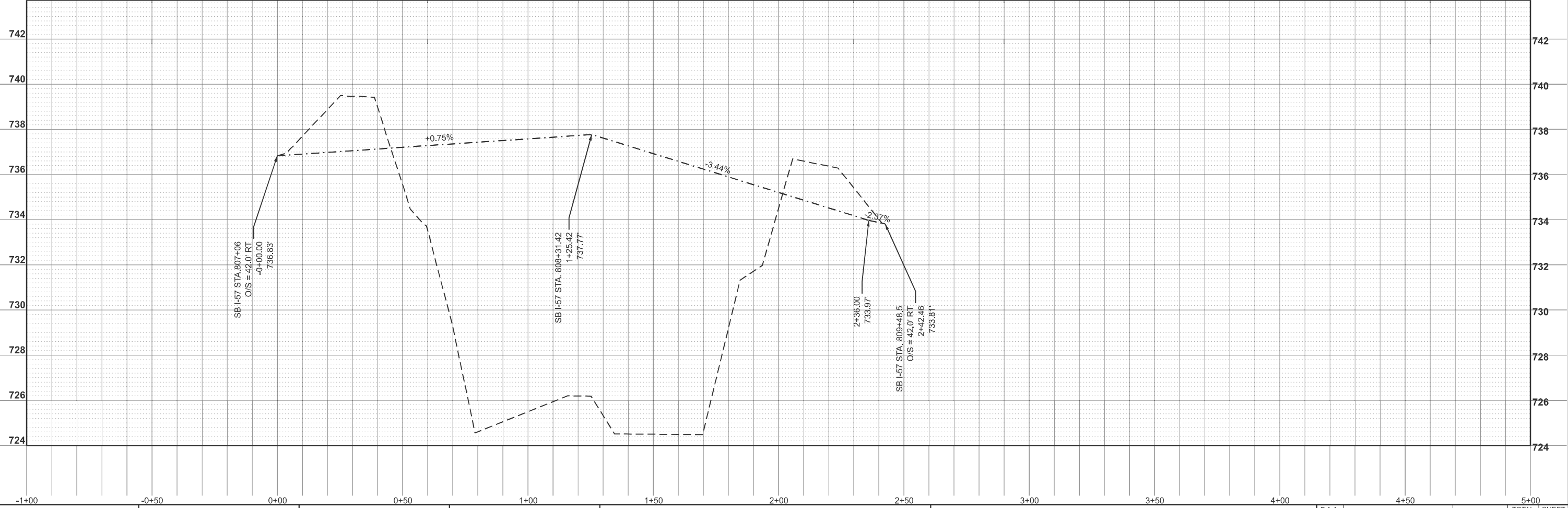
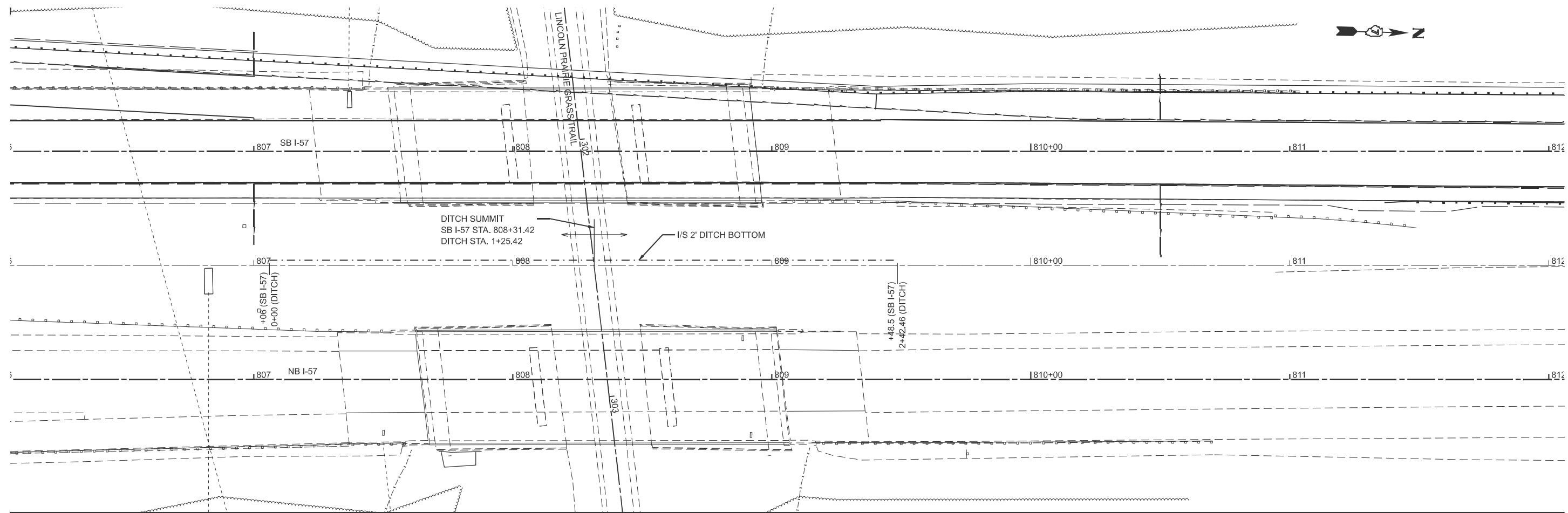
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PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE STAGE NW INTERCHANGE QUADRANT					
SCALE: 1"=20'	SHEET 20	OF 21	SHEETS	STA. 0+00.00	TO STA. 6+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	433
CONTRACT NO. 74435				
		ILLINOIS	FED. AID PROJECT	

MODEL: Box MedianDitch-sh57 BikeBox Median Plan [Sheet]
FILE NAME: C:\p\work\hrtzel\hrtzel\082852\077435-sheets-Drainage-Stage1.dgn



USER NAME = kaleb.hrtzel	DESIGNED -	REVISED -
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PLOT DATE = 8/20/2024	DATE -	REVISED -

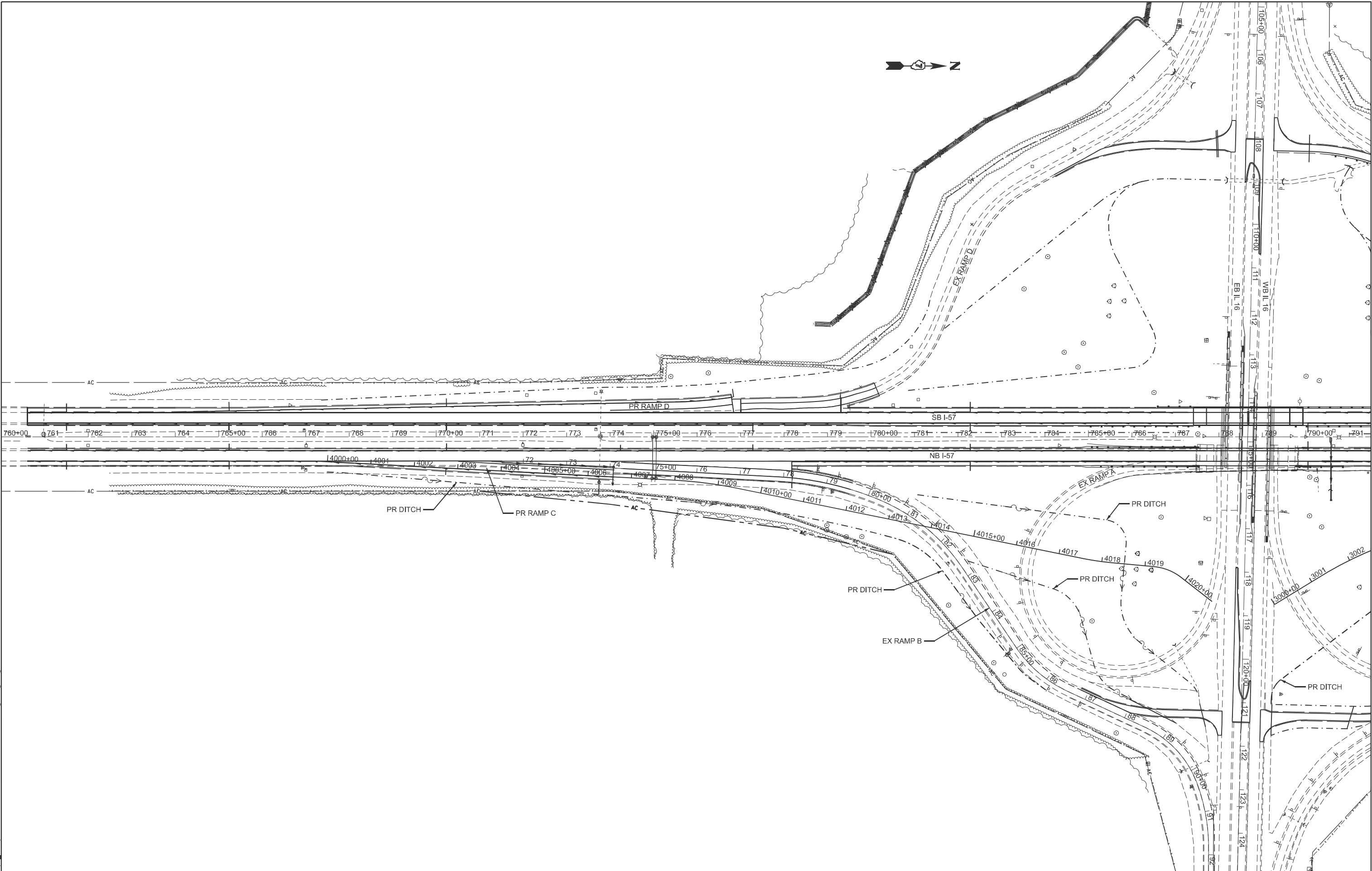
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 1: SB I-57

SCALE: 1"=20' SHEET 21 OF 21 SHEETS STA. 807+06 TO STA. 809+48.5

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	434
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: Stage 2 South (Sheet)
FILE NAME: c:\p\work\hrtz\k\id852852\74435-sheets-Drainage-Stage2.dgn



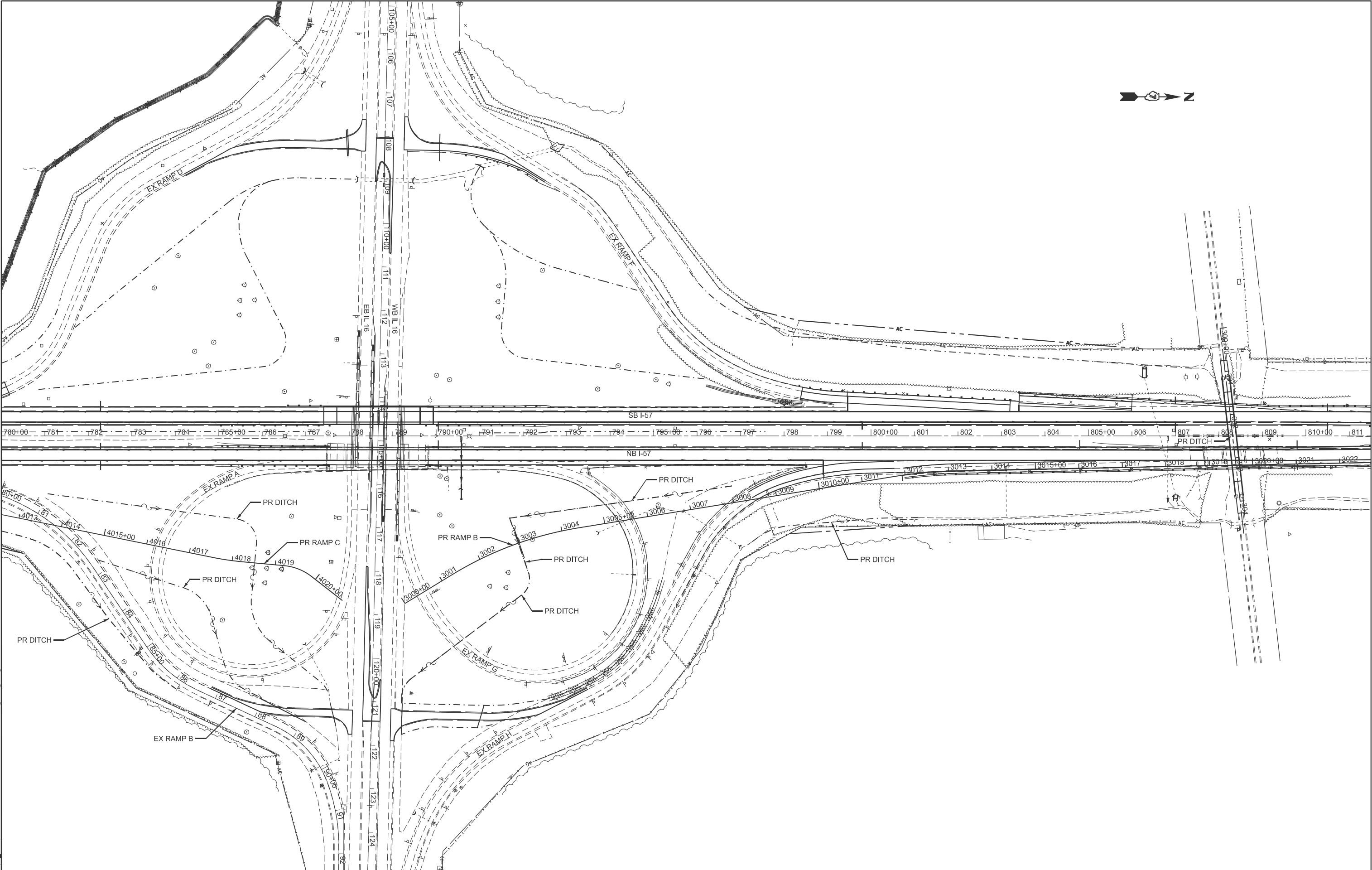
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PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 2: SOUTH OVERALL VIEW

SCALE: SHEET 1 OF 14 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	435
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: Stage 2 North (Sheet)
FILE NAME: c:\p\work\hrtz\ak\0852852\0774435-sheets-Drainage-Stage2.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

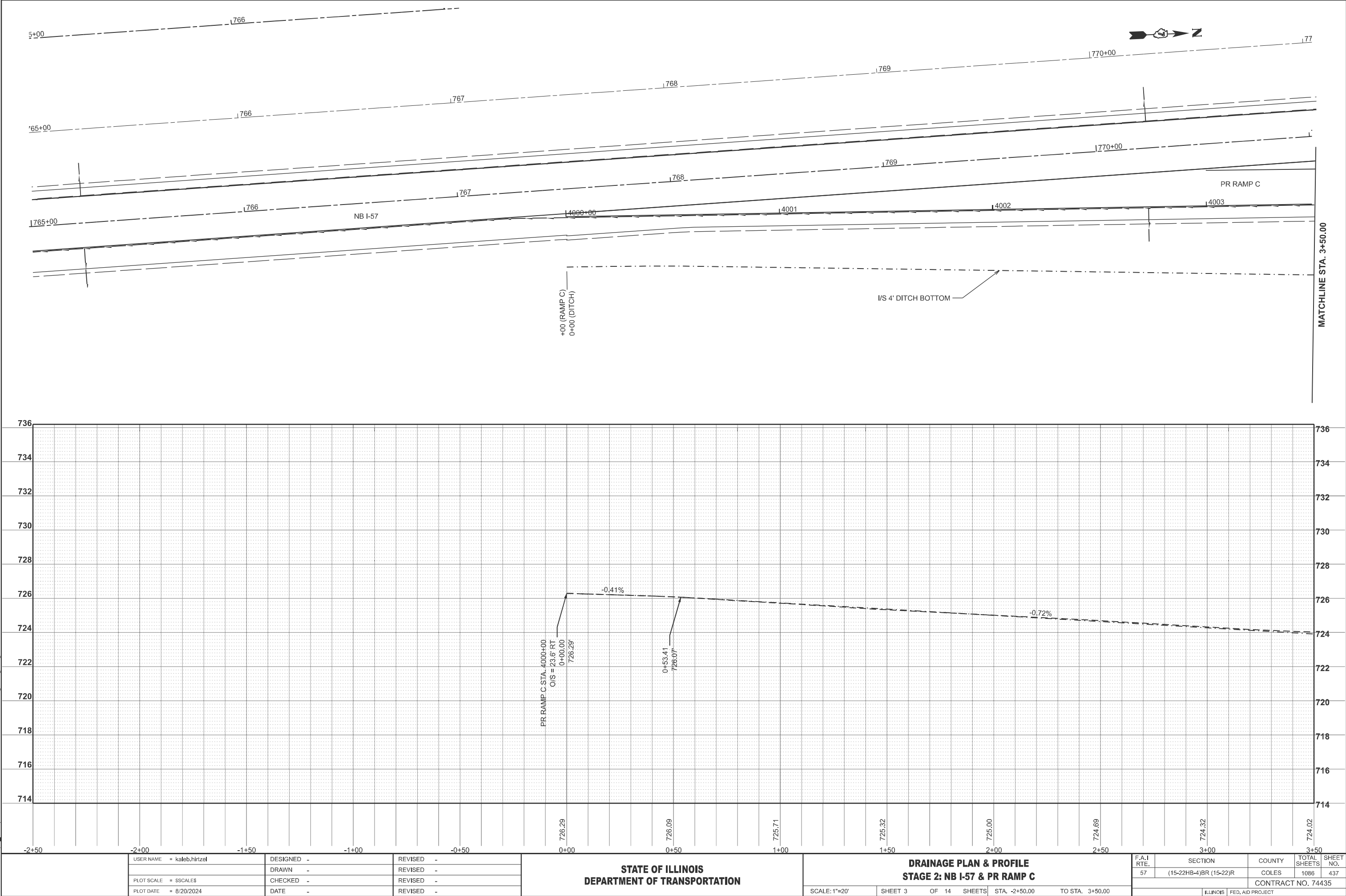
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

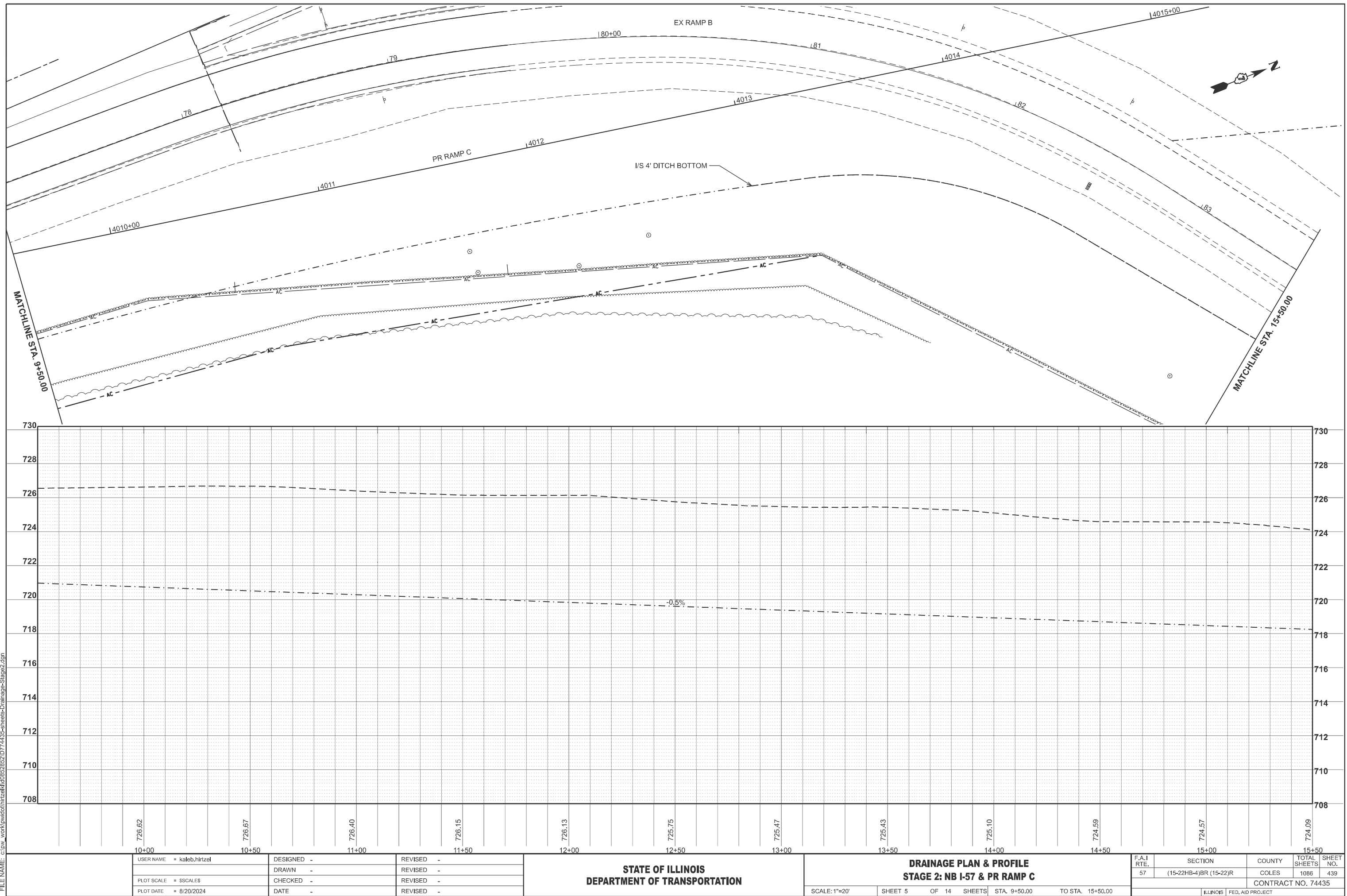
DRAINAGE PLAN & PROFILE
STAGE 2: NORTH OVERALL VIEW

SCALE: SHEET 2 OF 14 SHEETS STA. TO STA.

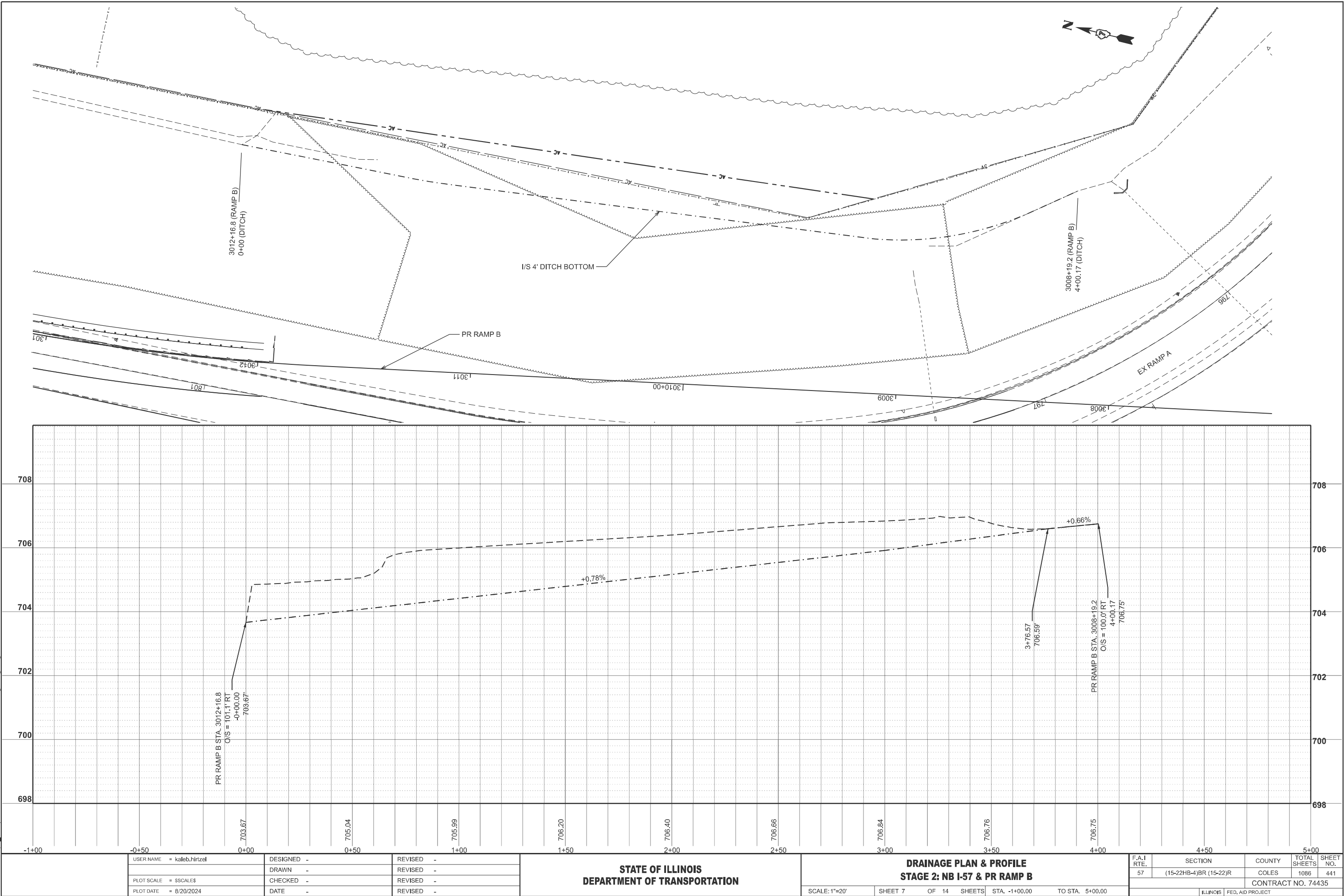
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	436
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: NB 57 RT Ditch Plan - NB 57 RT Ditch Plan [Sheet]
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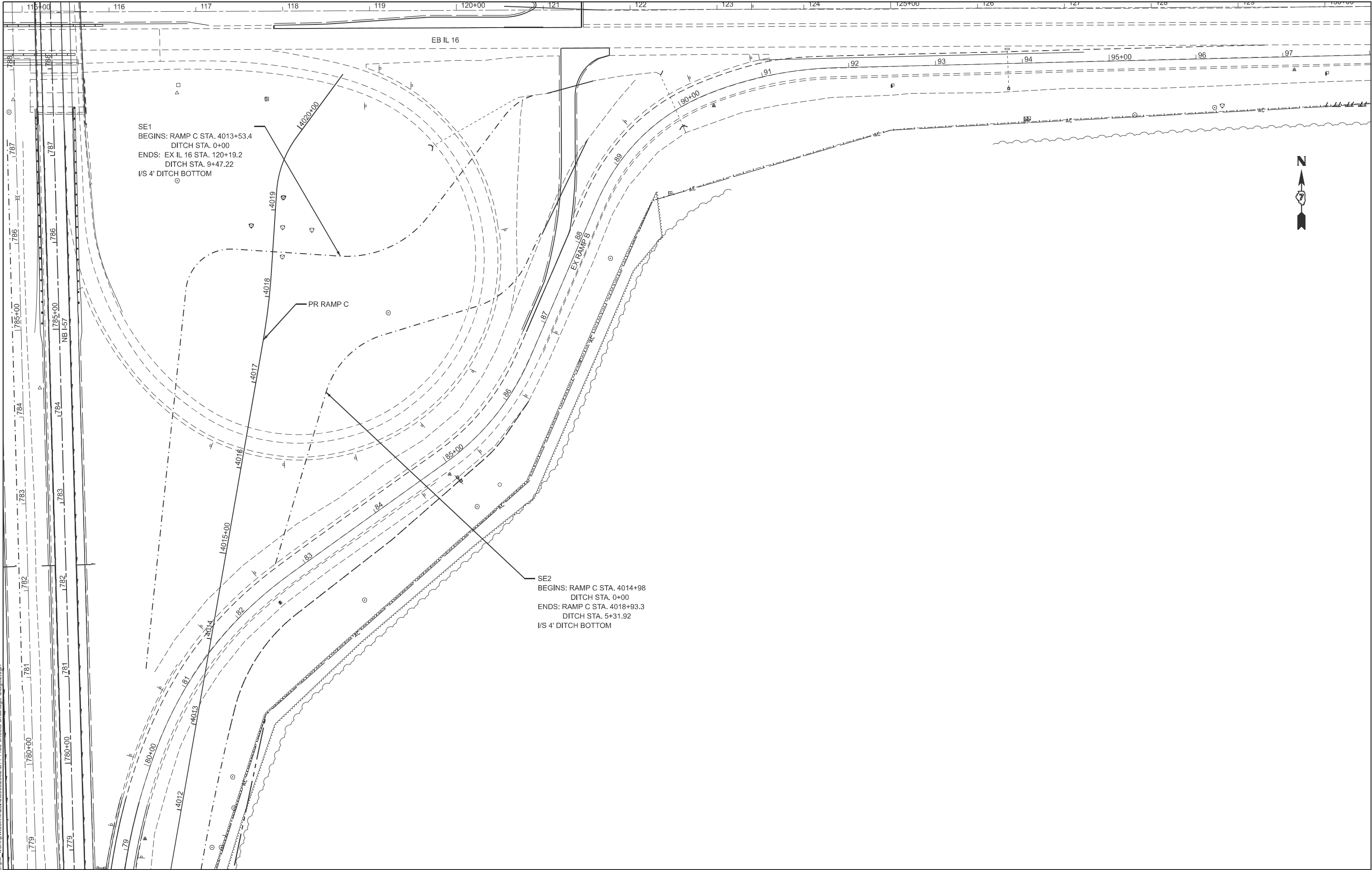




MODEL: RampB_2B_Ditch - NB 57-RampB RT Ditch [Sheet]
FILE NAME: c:\p\work\kvhirtzel\hrtzel\862852\074435-sheets-Drainage-Stage2.dgn



MODEL: SE QUADRANT-1 [Sheet]
FILE NAME: c:\pwworking\hrtzel\0852852\0774435-sheets\Drainage-Stage2.dgn



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PLOT SCALE = \$\$SCALE\$
PLOT DATE = 8/20/2024

DESIGNED -
DRAWN -
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DATE -

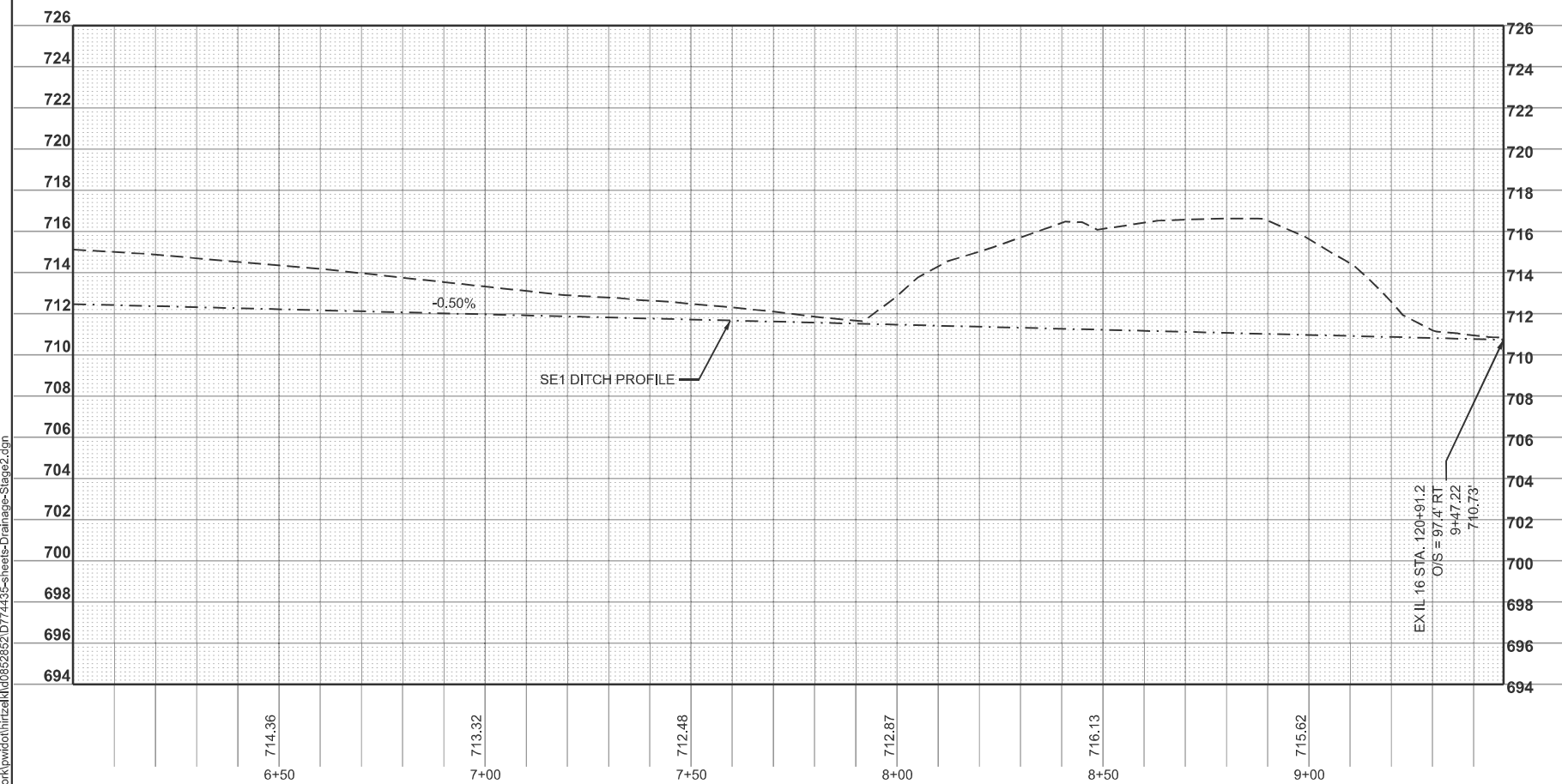
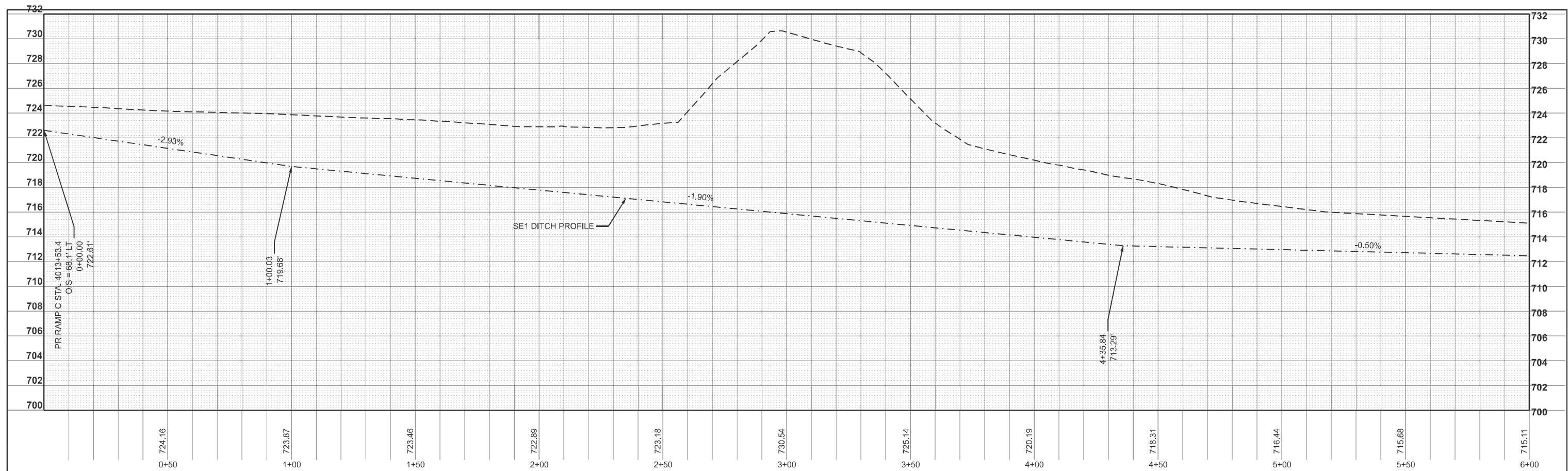
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 2: SE INTERCHANGE QUADRANT

SCALE: SHEET 9 OF 14 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	443
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: SE1 Profile - SE1 PROFILE [Sheet]
FILE NAME: c:\pw_work\pwidot\hrtzel\0852852\0774435-sheets-Drainage-Stage2.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

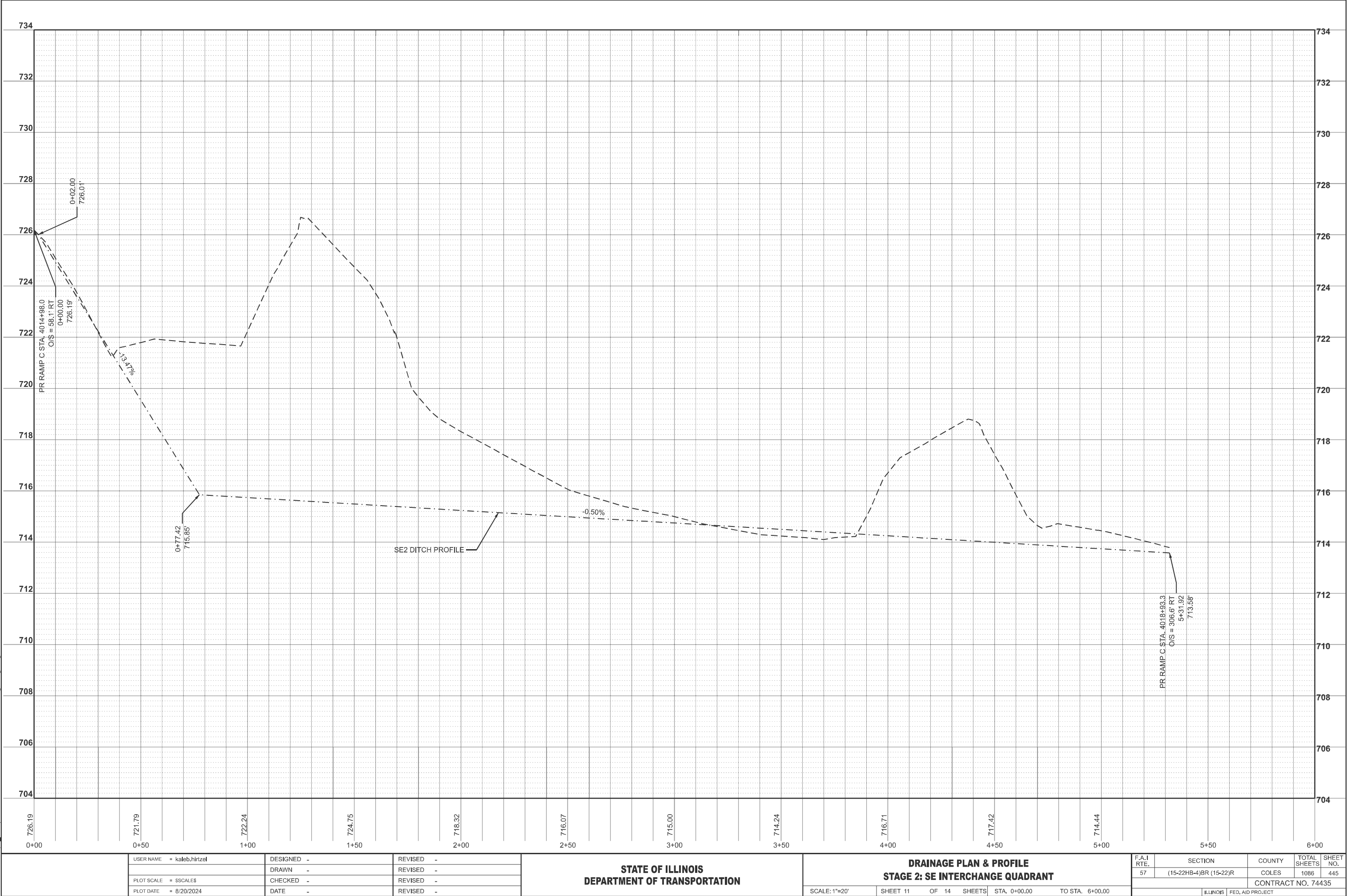
DRAINAGE PLAN & PROFILE

STAGE 2: SE INTERCHANGE QUADRANT

SCALE: 1"=20'	SHEET 10	OF 14	SHEETS	STA. 0+00.00	TO STA. 9+47.22
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	444
		CONTRACT NO. 74435		
ILLINOIS		FED. AID PROJECT		

MODEL: SE2 PROFILE-SE2 PROFILE [Sheet]
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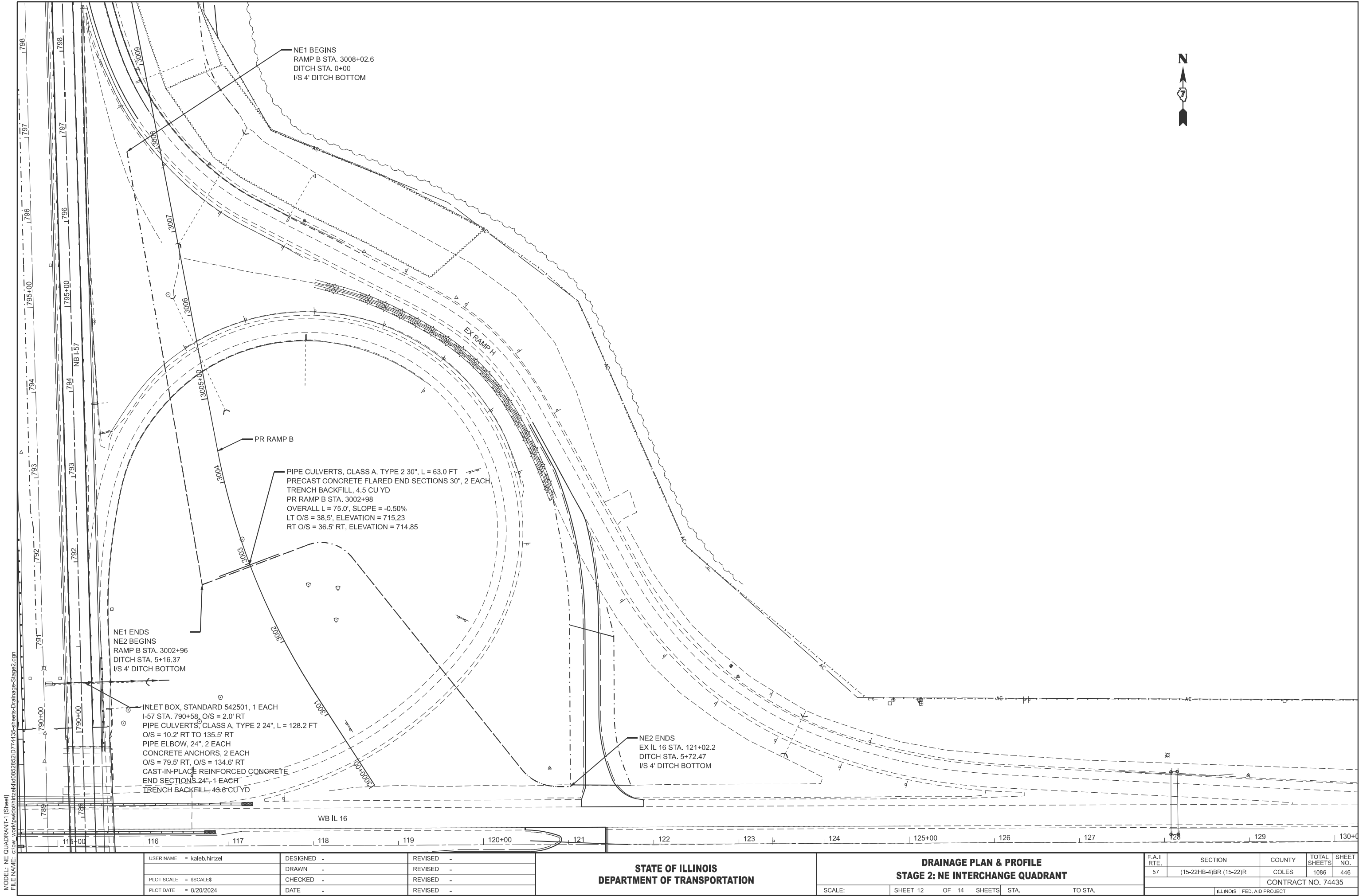
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PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 2: SE INTERCHANGE QUADRANT

SCALE: 1"=20' SHEET 11 OF 14 SHEETS STA. 0+00.00 TO STA. 6+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	445
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: NE QUADRANT-1 [Sheet]
FILE NAME: c:\paw\work\hrtz\kld\0852852\0774435-sheets\Drainage-Stage2.dgn

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PLOT SCALE	= \$SCALE\$	DRAWN	-	REVISED	-
PLOT DATE	= 8/20/2024	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

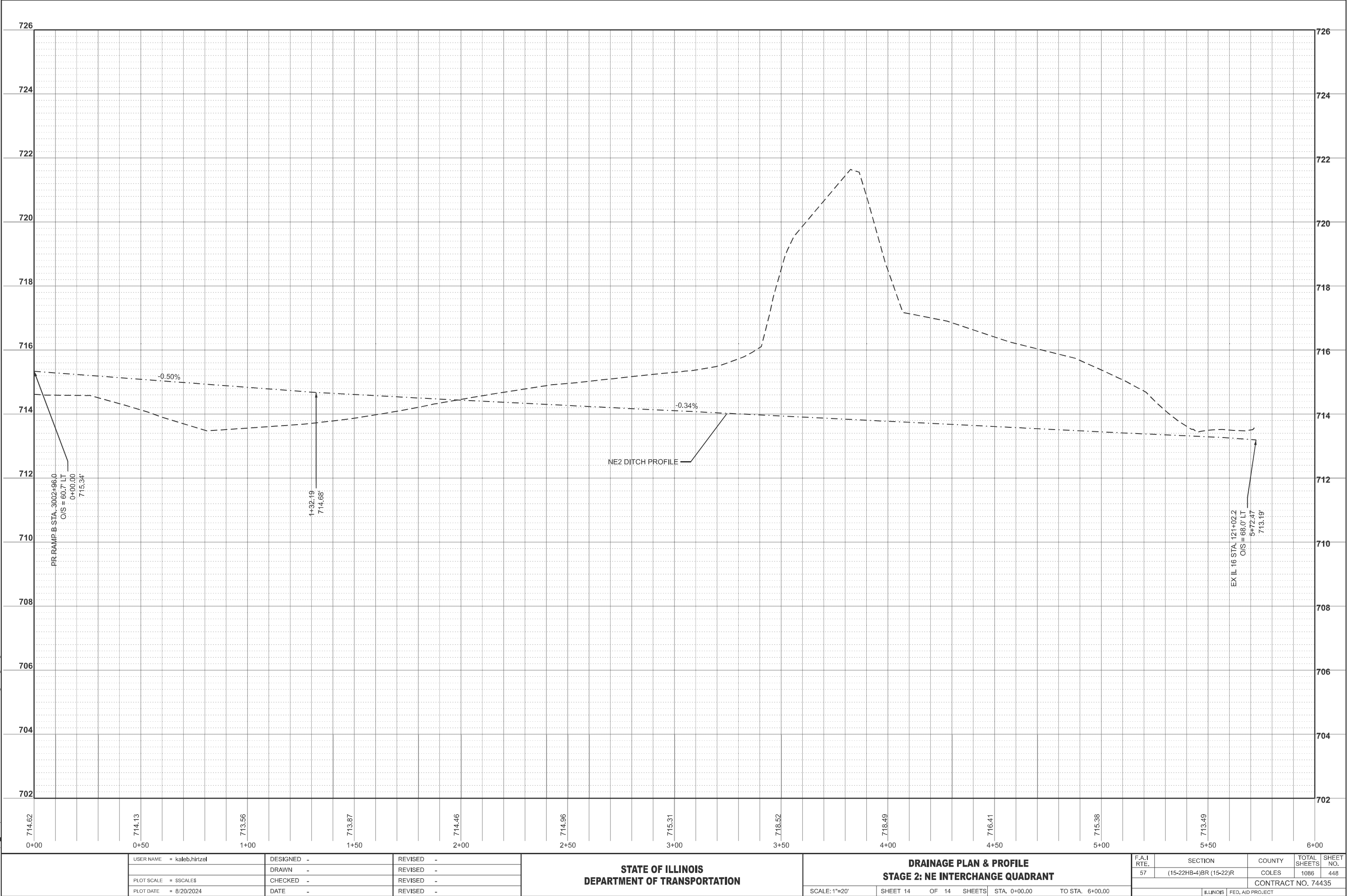
DRAINAGE PLAN & PROFILE
STAGE 2: NE INTERCHANGE QUADRANT

SCALE: SHEET 12 OF 14 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	446
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: NE2 PROFILE-NE2 PROFILE [Sheet]
FILE NAME: c:\pwworking\hirtzel\0852852\0774435-sheets\Drainage-Stage2.dgn



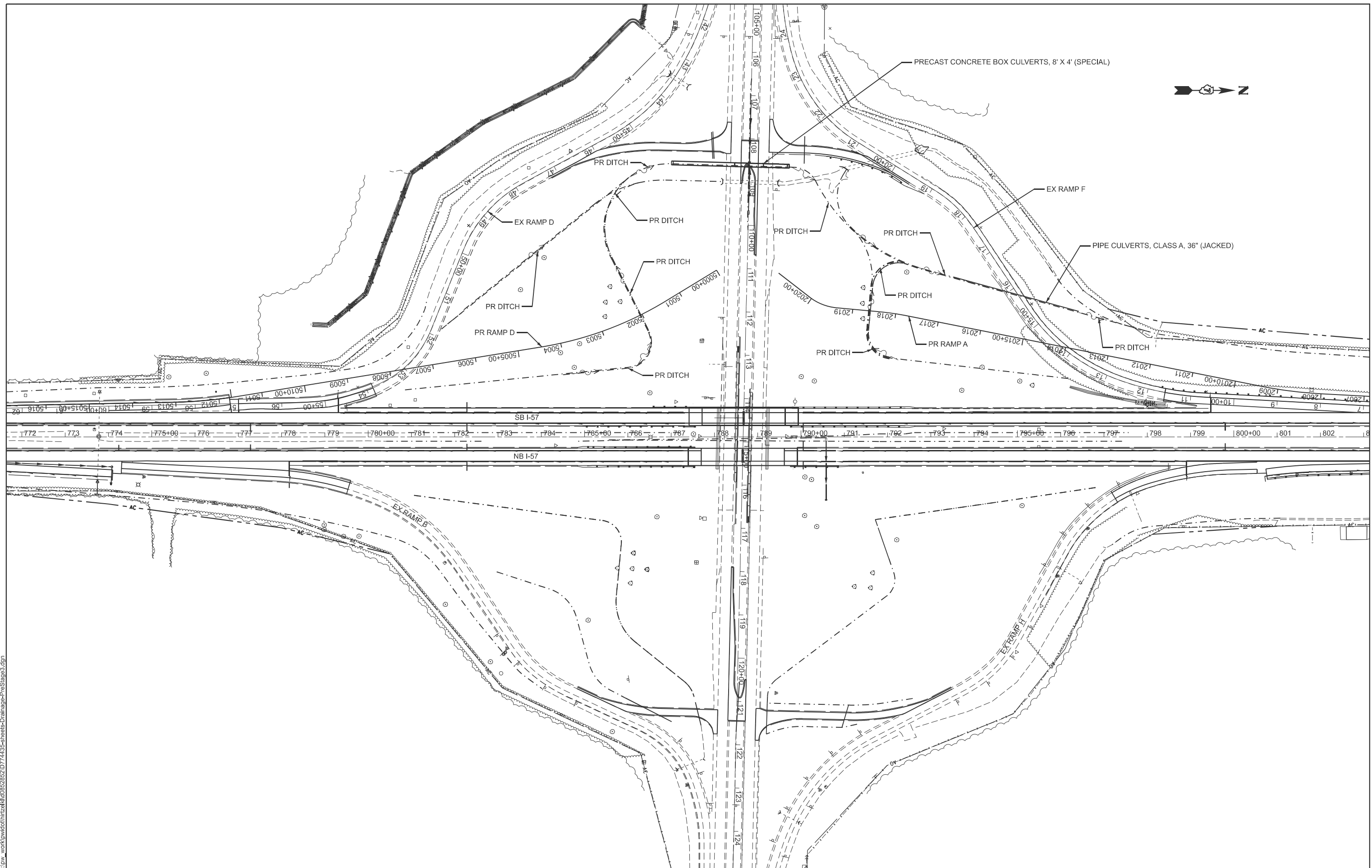
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		DRAWN	-	REVISED	-
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PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 2: NE INTERCHANGE QUADRANT

SCALE: 1"=20' SHEET 14 OF 14 SHEETS STA. 0+00.00 TO STA. 6+00.00

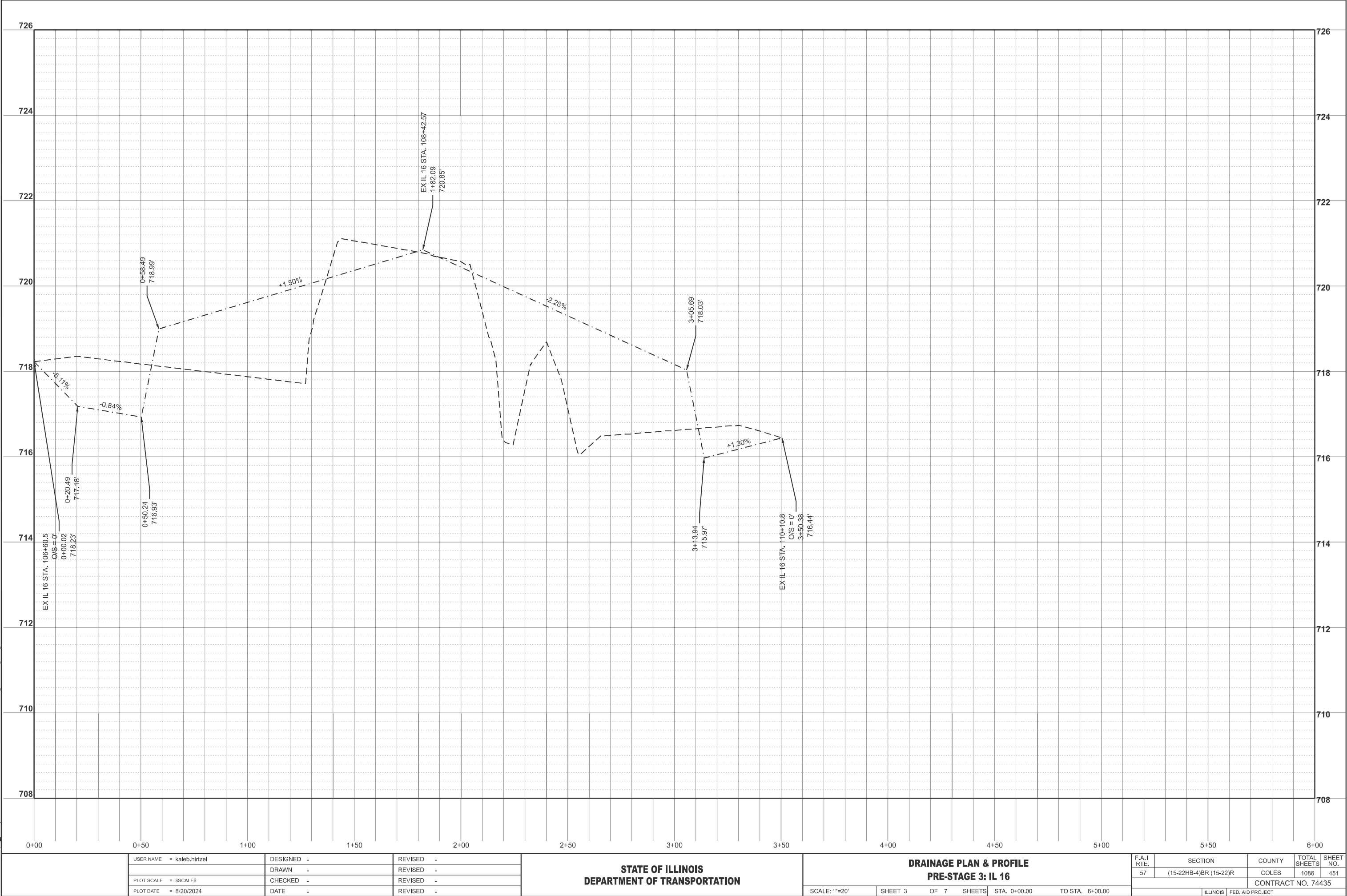
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	448
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: PRE-STAGE 3 OVERALL [Sheet]
FILE NAME: c:\pw work\pwwidott\hirtzel\ld0852852\ld774435-sheets-Drainage-PreStage3.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE PRE-STAGE 3: OVERALL VIEW					F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -							57	(15-22HB-4)BR (15-22)R	COLES	1086	449
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -		CONTRACT NO. 74435									
PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE:	SHEET 1	OF 7	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

MODEL: GeomScratch2 - IL 16 Median Ditch Profile [Sheet]
FILE NAME: c:\p\work\hrtz\k\id862852\ID74435-sheets\Drainage-PreStage3.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
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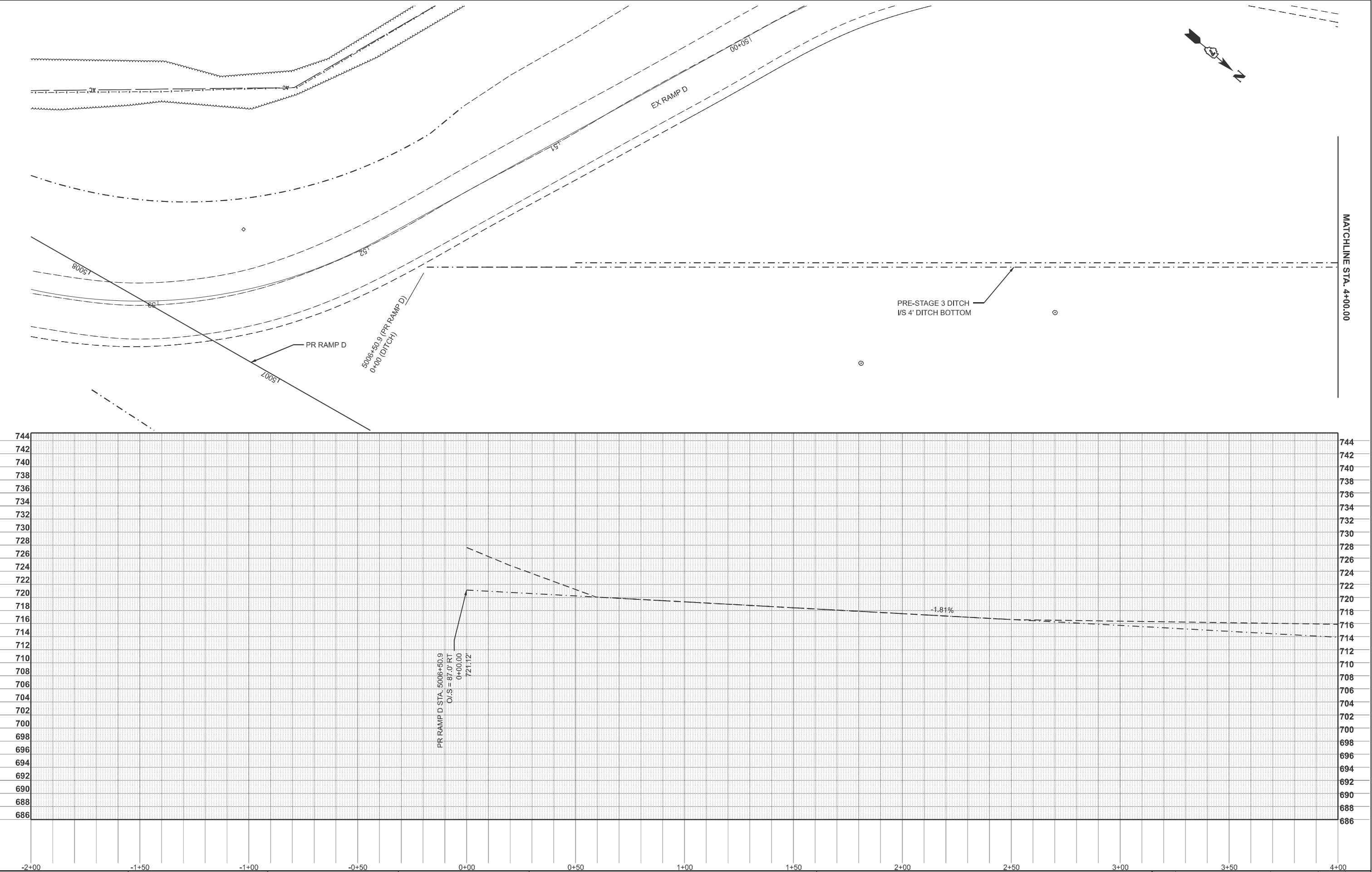
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Drainage Plan & Profile
Pre-Stage 3: IL 16

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 0+00.00 TO STA. 6+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	451
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: PreStage3_Ditch - W-N-S DITCH PLAN [Sheet]
FILE NAME: c:\p\work\hrtz\hrtz\0652852\077435-sheets\Drainage\PreStage3.dgn

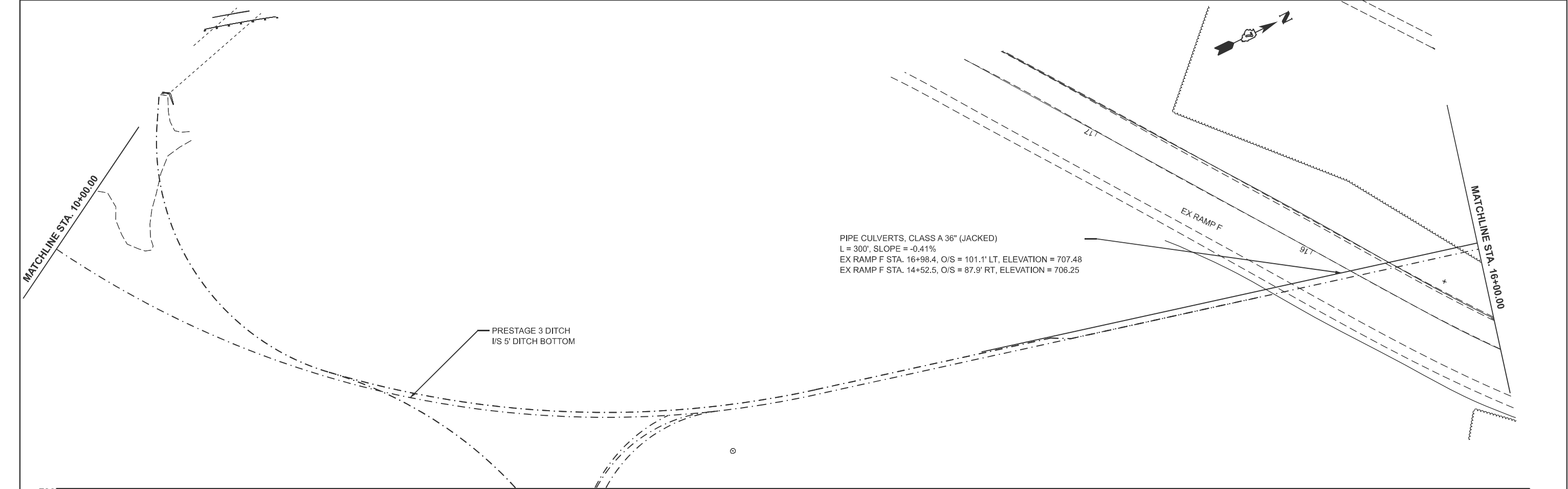


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PLOT SCALE	= \$SCALE\$	DRAWN	-	REVISED	-
PLOT DATE	= 8/20/2024	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

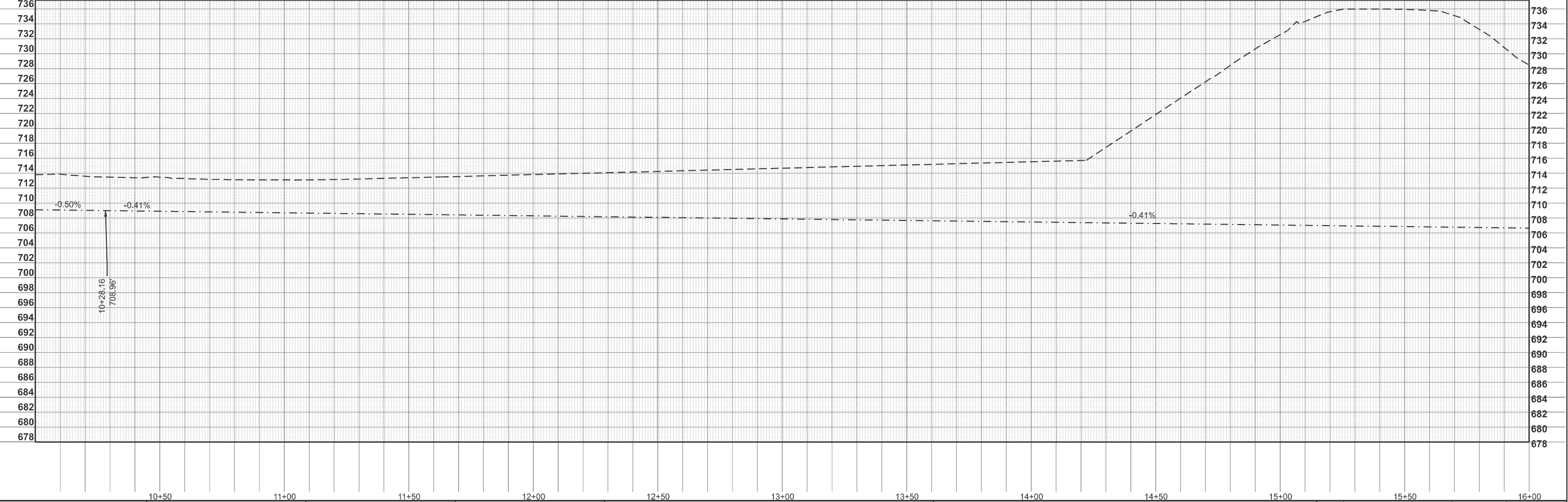
DRAINAGE PLAN & PROFILE			
PRE-STAGE 3: NORTH-SOUTH DITCH			
SCALE: 1"=20'	SHEET 4	OF 7 SHEETS	STA. -2+00.00 TO STA. 4+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	452
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



PIPE CULVERTS, CLASS A 36" (JACKED)
L = 300', SLOPE = -0.41%
EX RAMP F STA. 16+98.4, O/S = 101.1' LT, ELEVATION = 707.48
EX RAMP F STA. 14+52.5, O/S = 87.9' RT, ELEVATION = 706.25

PRESTAGE 3 DITCH
1/5 5' DITCH BOTTOM



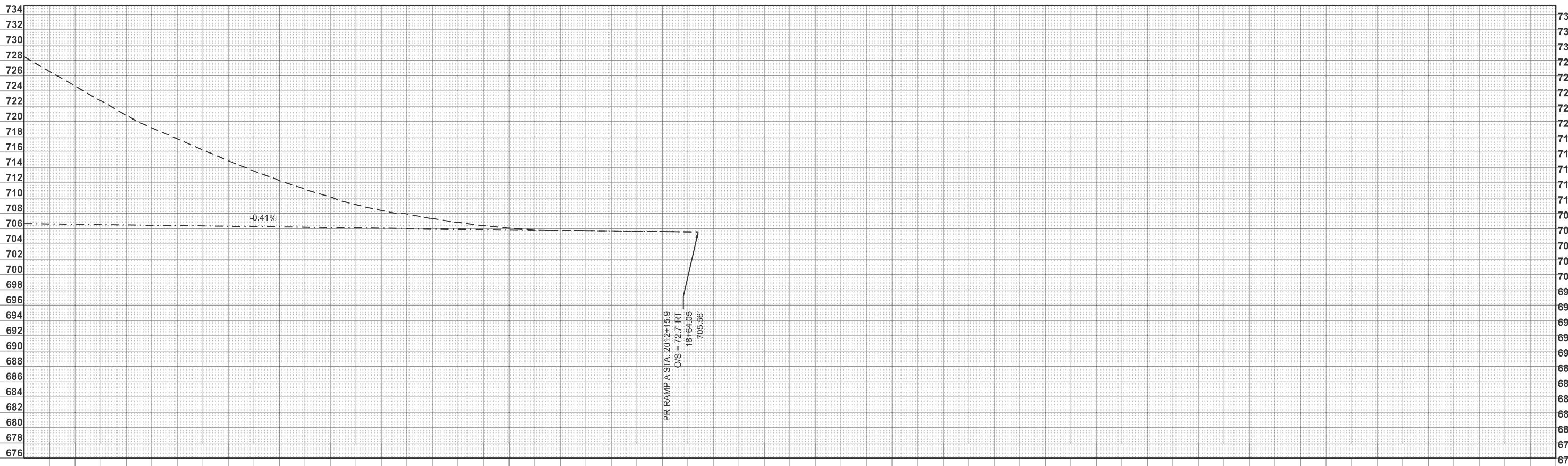
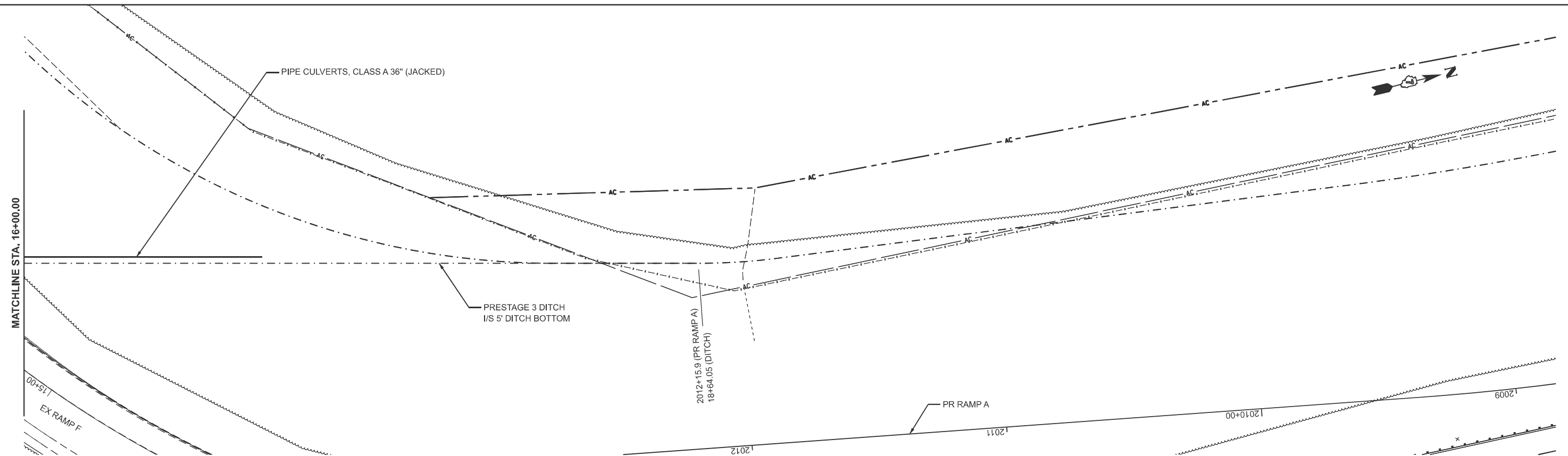
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USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
DRAWN	-	DRAWN	-	REVISED	-
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PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE			
PRE-STAGE 3: NORTH-SOUTH DITCH			
SCALE: 1"=20'	SHEET 6	OF 7 SHEETS	STA. 10+00.00 TO STA. 16+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	454
CONTRACT NO. 74435				
ILLINOIS		FED. AID PROJECT		



16+50		17+00		17+50		18+00	
USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-		
		DRAWN	-	REVISED	-		
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-		
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE

PRE-STAGE 3: NORTH-SOUTH DITCH

SCALE: 1"=20'	SHEET 7	OF 7	SHEETS	STA. 16+00.00	TO STA. 22+00.00
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	455
CONTRACT NO. 74435				
ILLINOIS		FED. AID PROJECT		

MODEL: Pre-Stage3_Ditch - W N-S DITCH PLAN-3 [Sheet]
FILE NAME: c:\pw_work\pwidth\thirzel\ld0852852\D774435-sheets-Drainage-PreStage3.dgn



MODEL: STAGE 3A OVERALL [Sheet]

USER NAME = kaleb.hirzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

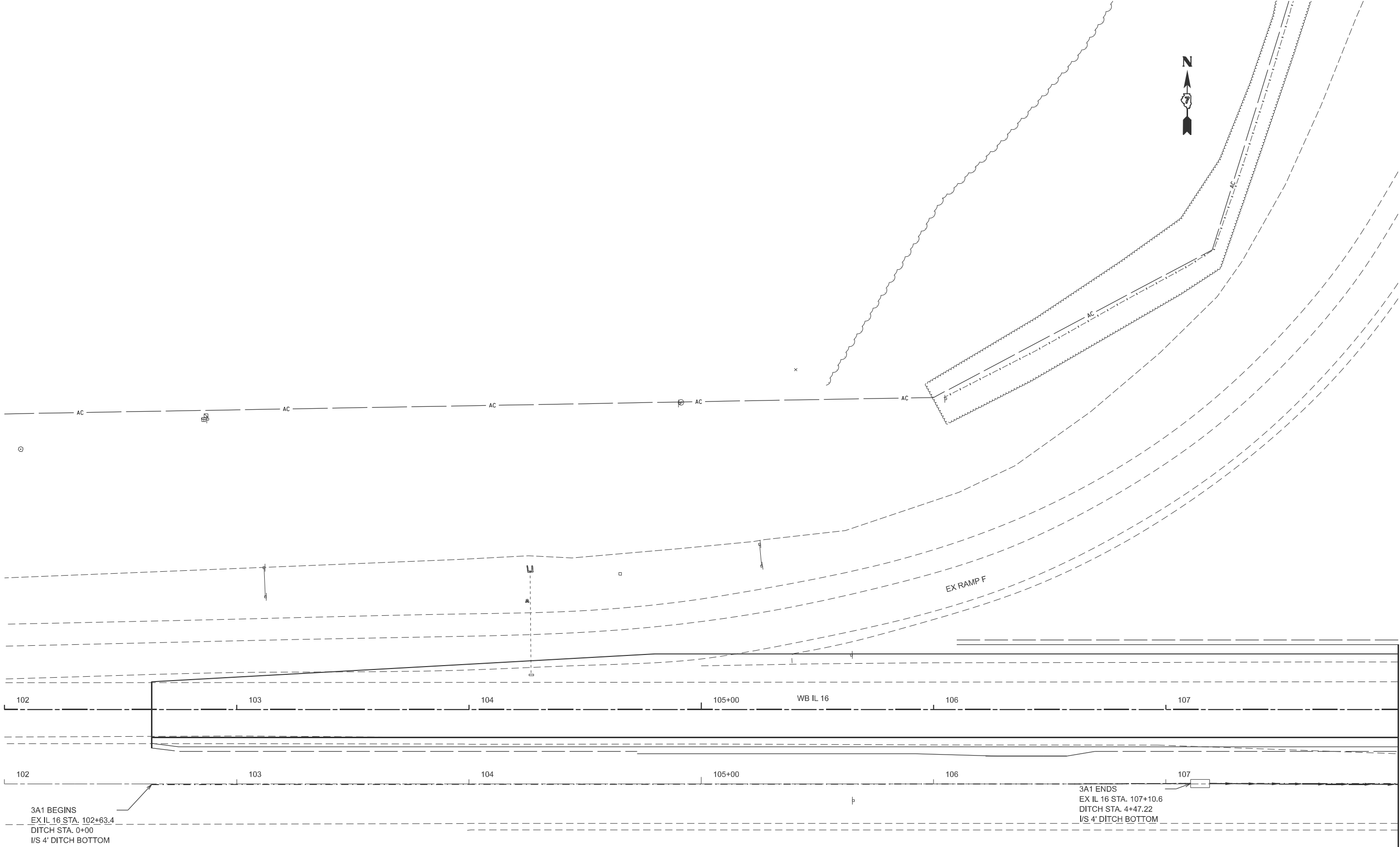
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE PLAN & PROFILE STAGE 3A: OVERALL VIEW

SCALE:	SHEET 1	OF 24	SHEETS	STA.	TO STA.
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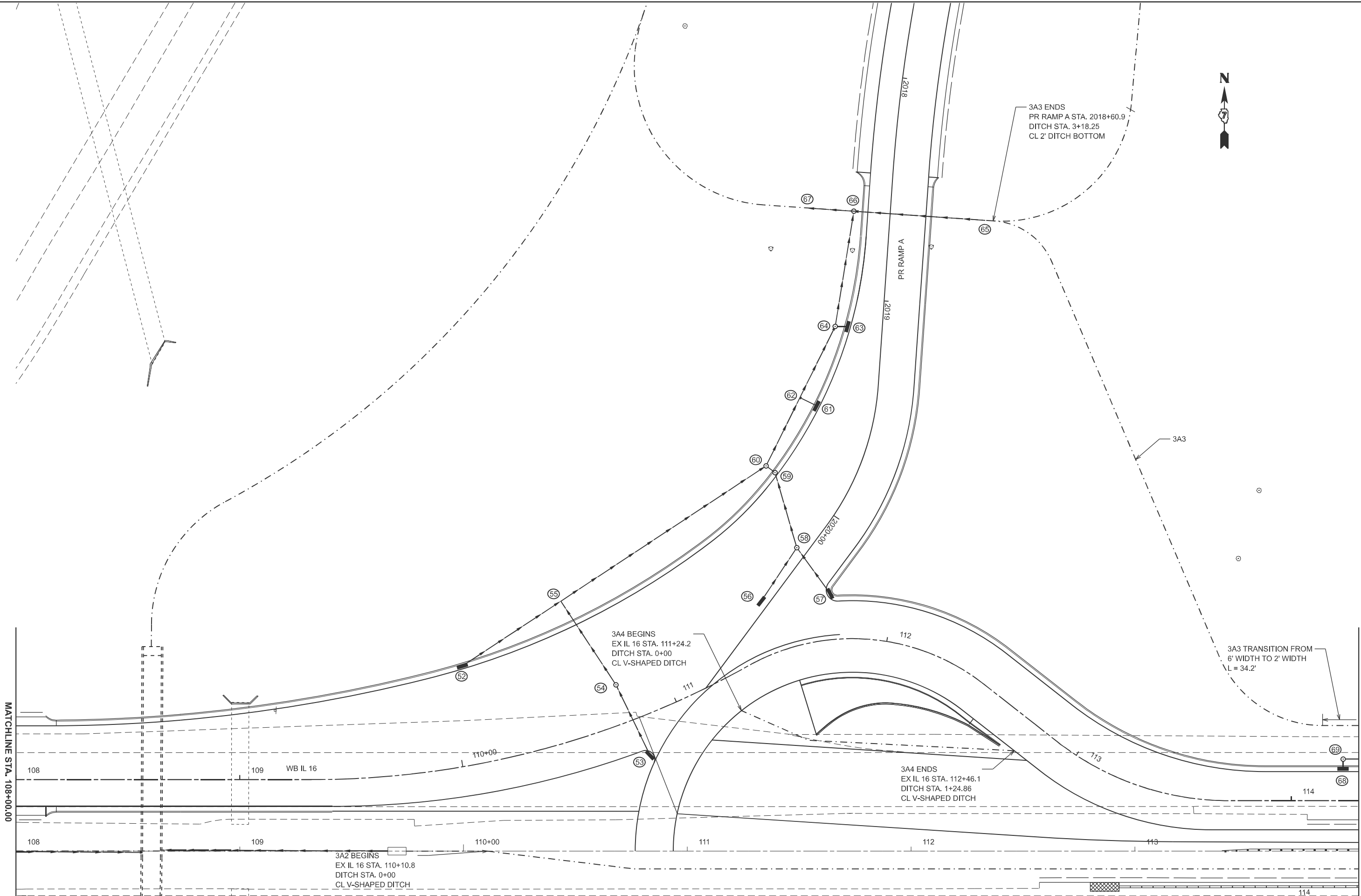
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	456
		CONTRACT NO. 74435		
ILLINOIS		FED. AID PROJECT		

MODEL: Ex IL 16 - STAGE 3A DRAINAGE (Sheet)
FILE NAME: c:\pwworking\hrtzel\0682852\074435-sheets-Drainage-Stage3A.dgn



	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE STAGE 3A: EX IL 16			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -					57	(15-22HB-4)BR (15-22)R	COLES	1086	457
	PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE: 1"=20'	SHEET 2	OF 24 SHEETS	STA. 102+00.00	TO STA. 108+00.00	CONTRACT NO. 74435		
										ILLINOIS	FED. AID PROJECT	

MODEL: EX IL 16 - STAGE 3A DRAINAGE-1 [Sheet]
FILE NAME: c:\pwworking\hrtzel\0682852\0774435-sheets\Drainage-Stage3A.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE			
STAGE 3A: EX IL 16			
SCALE: 1"=20'	SHEET 3	OF 24 SHEETS	STA. 108+00.00 TO STA. 114+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	458
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

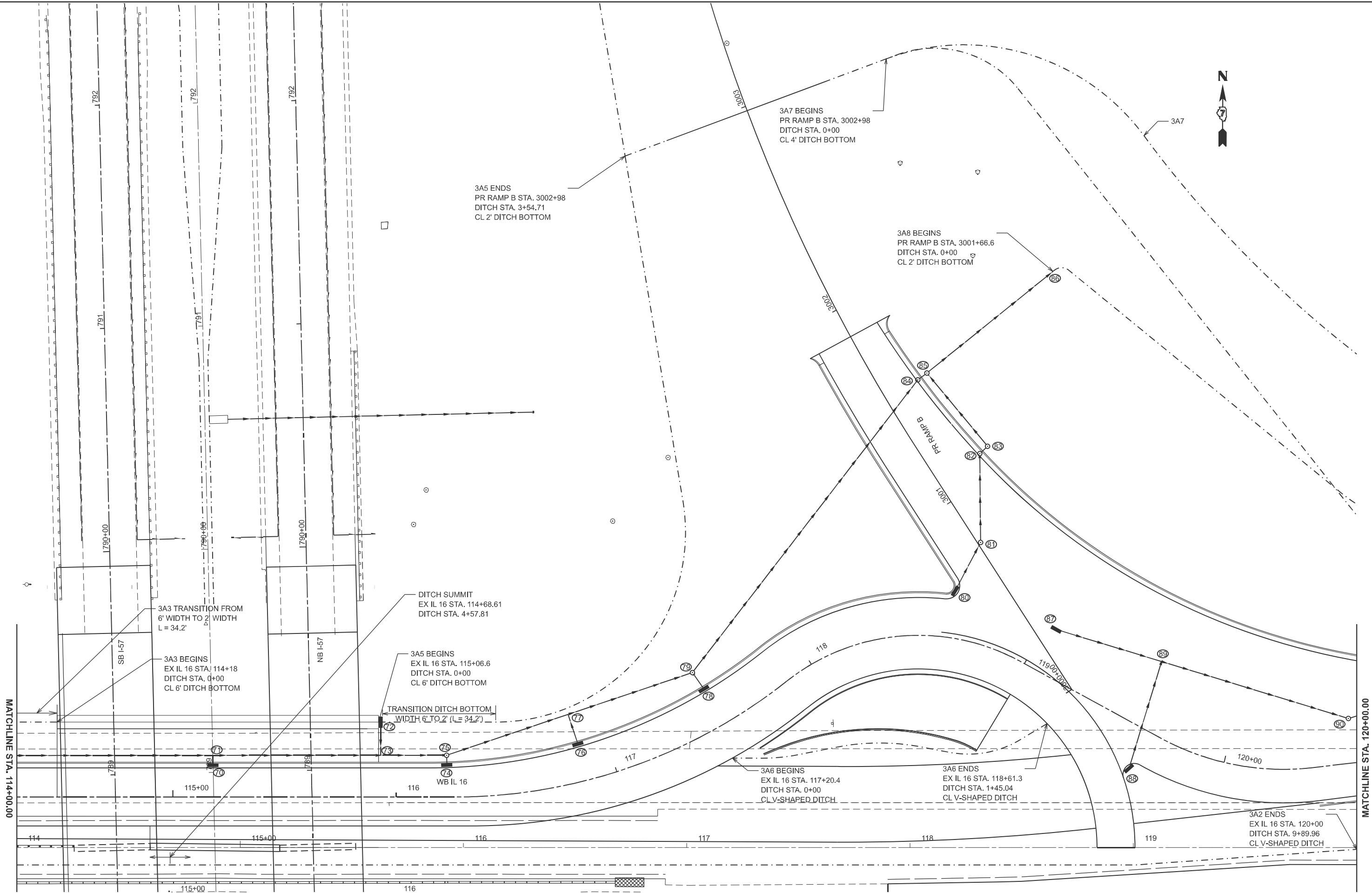
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DRAINAGE STRUCTURE SCHEDULE (WB IL 16)										
PT	STATION (ALIGNMENT)	OFFSET	DESCRIPTION	LID/GRATE ELEVATION	INLET INVERT		INLET INVERT		OUTLET INVERT	
52	110+08.38 (WB IL 16)	44.32' LT	INLET TY A, TY 3 F&G	719.83	-	-	-	-	716.83	NE
53	110+80.35 (WB IL 16)	17.52' RT	INLET TY A, TY 4 F&G	720.73	-	-	-	-	717.73	NW
54	110+77.45 (WB IL 16)	17.33' LT	INLET TY B, TY 4 F&G	720.29	716.92	SE	-	-	716.82	NW
55	110+65.96 (WB IL 16)	60.92' LT	RCP TEE 15" P 15" R	-	-	-	-	-	716.10	NE
56	111+51.36 (WB IL 16)	23.96' LT	INLET TY A, TY 4 F&G	719.88	-	-	-	-	716.38	NE
57	111+76.40 (WB IL 16)	20.52' LT	INLET TY A, TY 4 F&G	719.74	-	-	-	-	716.74	NW
58	2020+21.38 (RAMP A)	4.78' RT	MH TY A 5', TY 4 F&G	719.51	716.00	SW	715.21	SE	715.11	N
59	2019+98.20 (RAMP A)	32.43' RT	INLET TY B, TY 3 F&G	718.64	714.80	S	-	-	714.70	W
60	2019+97.69 (RAMP A)	37.42' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	718.86	714.67	E	714.67	SW	714.57	NE
61	2019+51.99 (RAMP A)	26.21' RT	INLET TY A, TY 3 F&G	718.44	-	-	-	-	714.44	W
62	2019+48.86 (RAMP A)	34.17' RT	RCP TEE 15" P 15" R	-	-	-	-	-	714.23	NE
63	2019+12.51 (RAMP A)	15.52' RT	INLET TY A, TY 3 F&G	718.64	-	-	-	-	715.14	W
64	2019+12.88 (RAMP A)	21.01' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	718.77	715.06	W	713.91	SW	713.81	N
65	2018+60.95 (RAMP A)	42.58' LT	PRECAST CONC. FLARED END SECTION, 30"	-	713.86	E	-	-	-	-
66	2018+60.95 (RAMP A)	16.26' RT	MH TY A 5', TY 1 FRAME, CLOSED LID	718.78	713.33	S	713.30	E	713.20	W
67	2018+60.95 (RAMP A)	36.58' RT	PRECAST CONC. FLARED END SECTION, 30"	-	-	-	-	-	713.03	W
68	114+23.20 (WB IL 16)	14.30' LT	INLET TY A, TY 3 F&G	718.69	-	-	-	-	716.19	N
69	114+23.20 (WB IL 16)	18.58' LT	MH TY A 4', TY 1 FRAME, CLOSED LID	719.29	716.17	S	-	-	716.07	E

STORM SEWER PIPE SCHEDULE (WB IL 16)							
PT	TO	PT	PIPE SLOPE	STORM SEWERS, CL A, TY 2, 12"	STORM SEWERS, CL A, TY 2, 15"	STORM SEWERS, CL A, TY 2, 30"	TRENCH BACKFILL
			%	FEET	FEET	FEET	CU YD
52	TO	55	1.42	-	48.6	-	2.0
53	TO	54	2.49	32.5	-	-	4.0
54	TO	55	1.66	-	40.7	-	5.1
55	TO	60	1.42	-	104.9	-	0.0
56	TO	58	1.50	-	25.1	-	3.1
57	TO	58	6.99	21.9	-	-	3.9
58	TO	59	1.00	-	30.9	-	6.6
59	TO	60	2.00	-	1.5	-	0.3
60	TO	62	1.01	-	29.1	-	0.0
61	TO	62	2.88	-	4.7	-	0.5
62	TO	64	1.01	-	33.5	-	0.0
63	TO	64	2.80	-	2.5	-	0.4
64	TO	66	1.01	-	47.6	-	0.0
65	TO	66	0.95	-	-	58.8	17.4
66	TO	67	0.84	-	-	20.3	0.0
68	TO	69	1.54	-	1.3	-	0.1

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE STAGE 3A: STORM SEWER SCHEDULE			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					57	(15-22HB-4)BR (15-22)R	COLES	1086	459
	PLOT SCALE = \$\$SCALE\$	CHECKED -	REVISED -					CONTRACT NO. 74435				
	PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE:	SHEET 4	OF 24 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: EX IL 16 - STAGE 3A DRAINAGE-2 (Sheet)
FILE NAME: c:\pwworking\hrtz\hrtz\10652852\0774435-sheets-Drainage-Stage3A.dgn



USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3A: EX IL 16

SCALE: 1"=20' SHEET 5 OF 24 SHEETS STA. 114+00.00 TO STA. 120+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	460
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: SS SCHEDULE-2 [Sheet]
FILE NAME: c:\p\work\hrtz\kld852852\D774435-sheets-Drainage-Stage3A.dgn

DRAINAGE STRUCTURE SCHEDULE (WB IL 16)										
PT	STATION (ALIGNMENT)	OFFSET	DESCRIPTION	LID/GRATE ELEVATION	INLET INVERT		INLET INVERT		OUTLET INVERT	
70	115+17.99 (WB IL 16)	14.30' LT	INLET TY A, TY 3 F&G	718.21	-	-	-	-	715.47	N
71	115+17.99 (WB IL 16)	18.64' LT	RCP TEE 15" P 15" R	-	-	-	-	-	715.38	E
72	115+93.09 (WB IL 16)	33.58' LT	INLET TY A, TY 8 F&G	718.01	-	-	-	-	715.09	S
73	115+88.06 (WB IL 16)	18.69' LT	RCP TEE 15" P 15" R	-	-	-	-	-	714.85	E
74	116+22.74 (WB IL 16)	14.43' LT	INLET TY A, TY 3 F&G	717.69	-	-	-	-	714.65	N
75	116+22.60 (WB IL 16)	18.71' LT	MH TY A 4', TY 1 FRAME, CLOSED LID	718.29	714.61	S	714.61	W	714.51	NE
76	116+86.20 (WB IL 16)	16.73' LT	INLET TY A, TY 3 F&G	717.44	-	-	-	-	714.44	NW
77	116+85.03 (WB IL 16)	30.67' LT	RCP TEE 15" P 15" R	-	-	-	-	-	714.10	NE
78	117+52.76 (WB IL 16)	18.07' LT	INLET TY A, TY 3 F&G	717.61	-	-	-	-	713.85	NW
79	117+51.94 (WB IL 16)	27.02' LT	MH TY A 4', TY 1 FRAME, CLOSED LID	717.91	713.67	SW	713.67	SE	713.57	NE
80	118+63.79 (WB IL 16)	21.09' LT	INLET TY A, TY 4 F&G	718.00	-	-	-	-	715.00	NE
81	3000+77.46 (RAMP B)	1.30' RT	INLET TY B, TY 4 F&G	717.72	713.68	SW	-	-	713.58	NW
82	3001+11.15 (RAMP B)	22.51' RT	INLET TY B, TY 3 F&G	716.97	713.03	SW	-	-	712.93	NE
83	3001+12.01 (RAMP B)	27.25' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	717.28	712.90	SW	-	-	712.80	NW
84	3001+54.48 (RAMP B)	16.62' RT	INLET TY B, TY 3 F&G	716.88	712.35	SW	-	-	712.25	NE
85	3001+55.03 (RAMP B)	21.67' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	717.19	712.22	SE	712.22	SW	712.12	NE
86	3001+66.56 (RAMP B)	93.40' RT	PRECAST CONC. FLARED END SECTION, 18"	-	-	-	-	-	711.62	NE
87	119+05.15 (WB IL 16)	20.30' LT	INLET TY A, TY 4 F&G	718.30	-	-	-	-	715.10	E
88	119+63.57 (WB IL 16)	18.69' RT	INLET TY A, TY 4 F&G	718.97	-	-	-	-	715.77	N
89	119+53.42 (WB IL 16)	30.30' LT	RCP TEE 15" P 15" R	-	-	-	-	-	714.45	E
90	120+58.37 (WB IL 16)	20.01' LT	INLET TY B, TY 4 F&G	718.28	713.29	W	-	-	713.19	NE

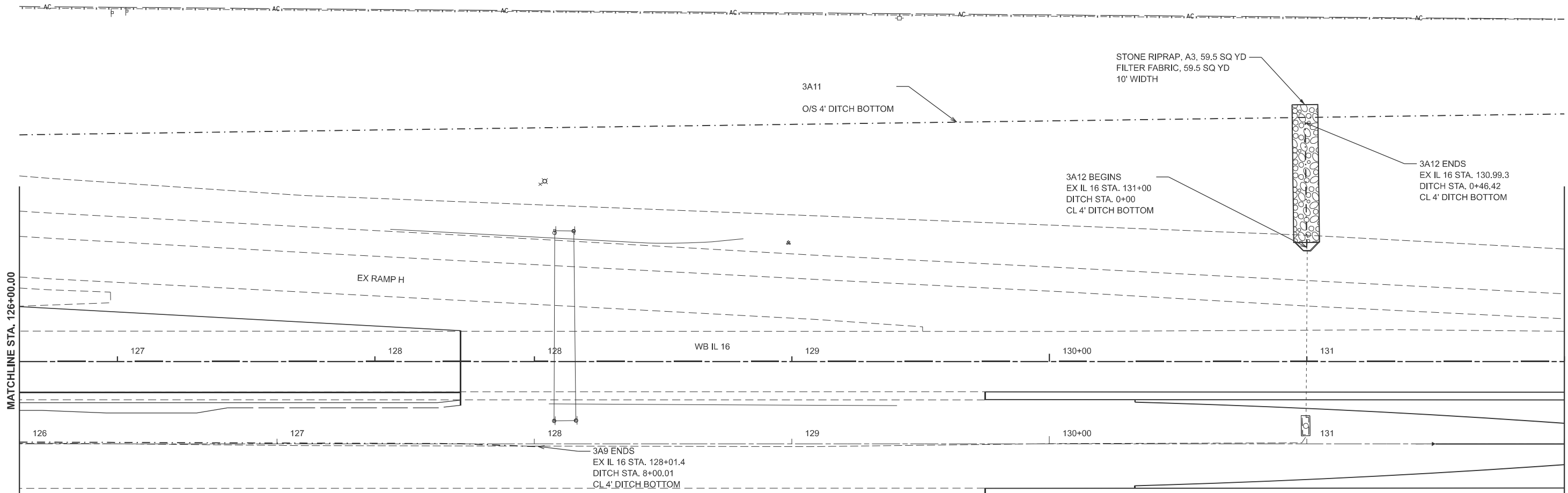
STORM SEWER PIPE SCHEDULE (WB IL 16)							
PT	TO	PT	PIPE SLOPE	STORM SEWERS, CL A, TY 2, 12"	STORM SEWERS, CL A, TY 2, 15"	STORM SEWERS, CL A, TY 2, 18"	TRENCH BACKFILL
			%	FEET	FEET	FEET	CU YD
69	TO	71	0.75	-	89.8	-	11.3
70	TO	71	2.73	-	0.7	-	0.1
71	TO	73	0.75	-	68.5	-	10.8
72	TO	73	1.97	-	13.9	-	2.5
73	TO	75	0.75	-	25.2	-	4.4
74	TO	75	3.08	-	1.3	-	0.2
75	TO	77	0.75	-	52.3	-	0.0
77	TO	79	0.75	-	53.8	-	0.0
76	TO	77	2.62	-	13.0	-	0.0
78	TO	79	3.00	-	6.0	-	0.0
79	TO	84	0.75	-	162.0	-	10.0
80	TO	81	6.00	22.0	-	-	3.4
81	TO	82	1.49	36.8	-	-	7.7
82	TO	83	2.31	-	1.3	-	0.3
83	TO	85	1.50	-	38.6	-	0.0
84	TO	85	1.88	-	1.6	-	0.5
85	TO	86	0.71	-	-	70.5	0.0
87	TO	89	1.35	-	45.3	-	7.0
88	TO	89	2.69	-	46.4	-	6.6
89	TO	90	1.35	-	82.9	-	21.4

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE STAGE 3A: STORM SEWER SCHEDULE			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					57	(15-22HB-4)BR (15-22)R	COLES	1086	461
	PLOT SCALE = \$\$SCALE\$	CHECKED -	REVISED -					CONTRACT NO. 74435				
	PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE:	SHEET 6	OF 24 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: SS SCHEDULE-3 [Sheet]
FILE NAME: c:\p\work\pwh\hrtzel\ud852852\D774435-sheets-Drainage-Stage3A.dgn

DRAINAGE STRUCTURE SCHEDULE (WB IL 16)									
PT	STATION (ALIGNMENT)	OFFSET	DESCRIPTION	LID/GRATE ELEVATION	INLET INVERT		INLET INVERT		OUTLET INVERT
91	121+43.46 (WB IL 16)	33.90' LT	INLET TY B, TY 3 F&G	717.21	711.94	SW	-	-	711.84 E
92	122+50.52 (WB IL 16)	32.98' LT	MH TY A 4', TY 1 FRAME, CLOSED LID	716.34	711.30	W	-	-	711.20 E
93	123+35.13 (WB IL 16)	28.03' LT	INLET TY A, TY 3 F&G	715.63	-	-	-	-	710.85 N
94	123+35.08 (WB IL 16)	32.63' LT	RCP TEE 15" P 15" R	-	-	-	-	-	710.78 E
95	123+97.13 (WB IL 16)	27.74' LT	INLET TY B, TY 3 F&G	715.22	-	-	-	-	710.56 N
96	123+97.07 (WB IL 16)	33.34' LT	RCP TEE 15" P 15" R	-	-	-	-	-	710.47 E
97	125+22.77 (WB IL 16)	26.17' LT	INLET TY A, TY 3 F&G	714.72	-	-	-	-	711.72 N
98	125+22.80 (WB IL 16)	33.05' LT	MH TY A 4', TY 1 FRAME, CLOSED LID	714.74	711.60	S	709.86	W	709.76 N
100T	125+20.26 (WB IL 16)	85.90' LT	MH TY A 5', TY 1 FRAME, CLOSED LID	712.27	709.47	S	708.97	W	708.87 E
101T	123+60.45 (WB IL 16)	69.86' LT	PRECAST CONC. FLARED END SECTION, 30"	-	709.80	W	-	-	- -
102T	125+68.06 (WB IL 16)	86.82' LT	PRECAST CONC. FLARED END SECTION, 30"	-	-	-	-	-	708.62 E

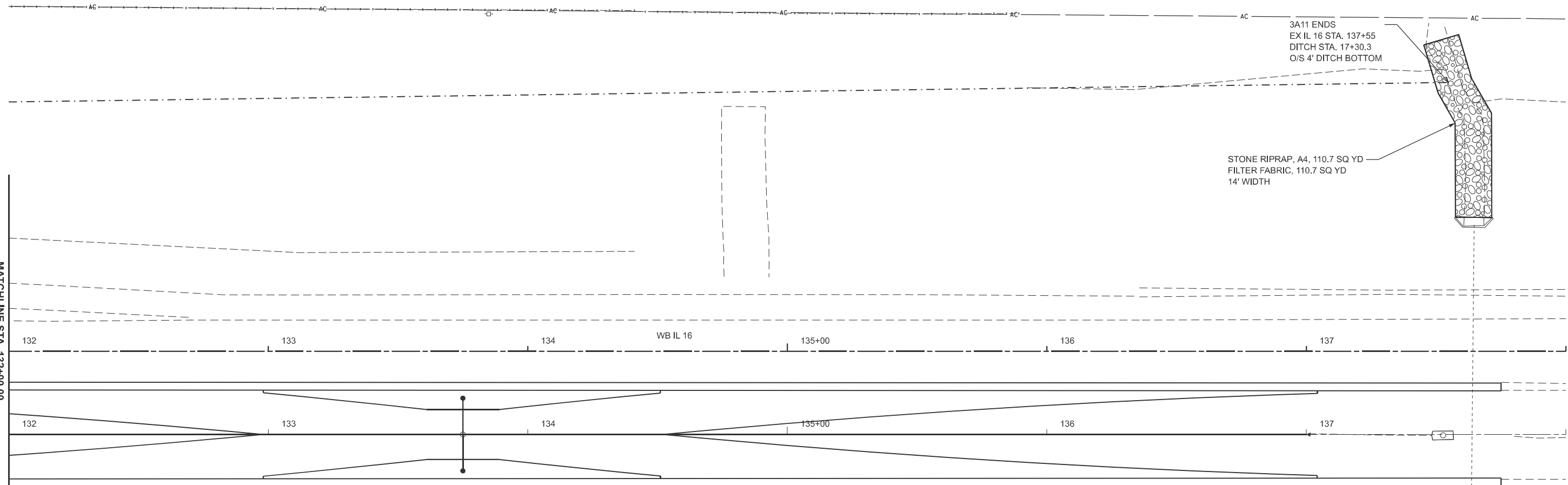
STORM SEWER PIPE SCHEDULE (WB IL 16)							
PT	TO	PT	PIPE SLOPE	STORM SEWERS, CL A, TY 2, 12"	STORM SEWERS, CL A, TY 2, 15"	STORM SEWERS, CL A, TY 2, 30"	TRENCH BACKFILL
			%	FEET	FEET	FEET	CU YD
90	TO	91	1.50	-	83.2	-	43.7
91	TO	92	0.50	-	108.1	-	56.7
92	TO	94	0.50	-	82.1	-	43.2
93	TO	94	1.94	-	1.0	-	1.1
94	TO	96	0.50	-	54.0	-	30.4
95	TO	96	1.96	-	2.0	-	1.3
96	TO	98	0.50	-	118.6	-	0.0
97	TO	98	3.08	-	3.9	-	0.1
98	TO	100T	0.59	-	54.9	-	0.2
101T	TO	100T	0.54	-	-	153.0	12.8
100T	TO	102T	0.58	-	-	43.0	38.8



MATCHLINE STA. 126+00.00

MATCHLINE STA. 132+00.00

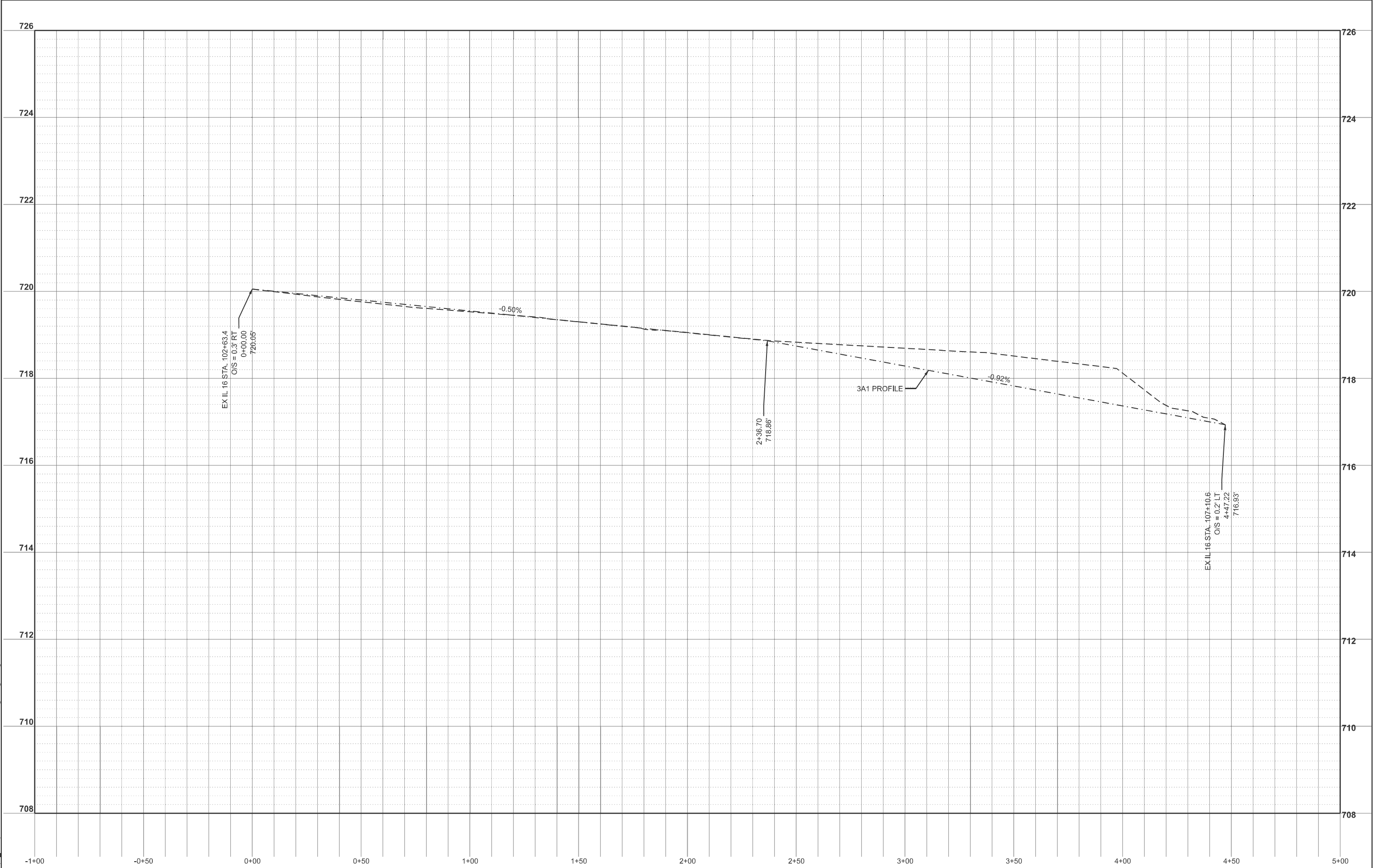
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	464
		CONTRACT NO. 74435		
ILLINOIS		FED. AID PROJECT		



MATCHLINE STA. 132+00.00

MODEL: Ex IL 16 - STAGE 3A DRAINAGE-5 [Sheet]
FILE NAME: c:\pw_ work\pwidth\hrtzel\ld0852852\ID774435-sheets-Drainage-Stage3A.dgn

MODEL: G:\hrg2-IL 16 MEDIAN DITCH PROFILE (Sheet)
FILE NAME: c:\pwworking\hrtzel\16052852\174435-sheets\Drainage-Stage3A.dgn



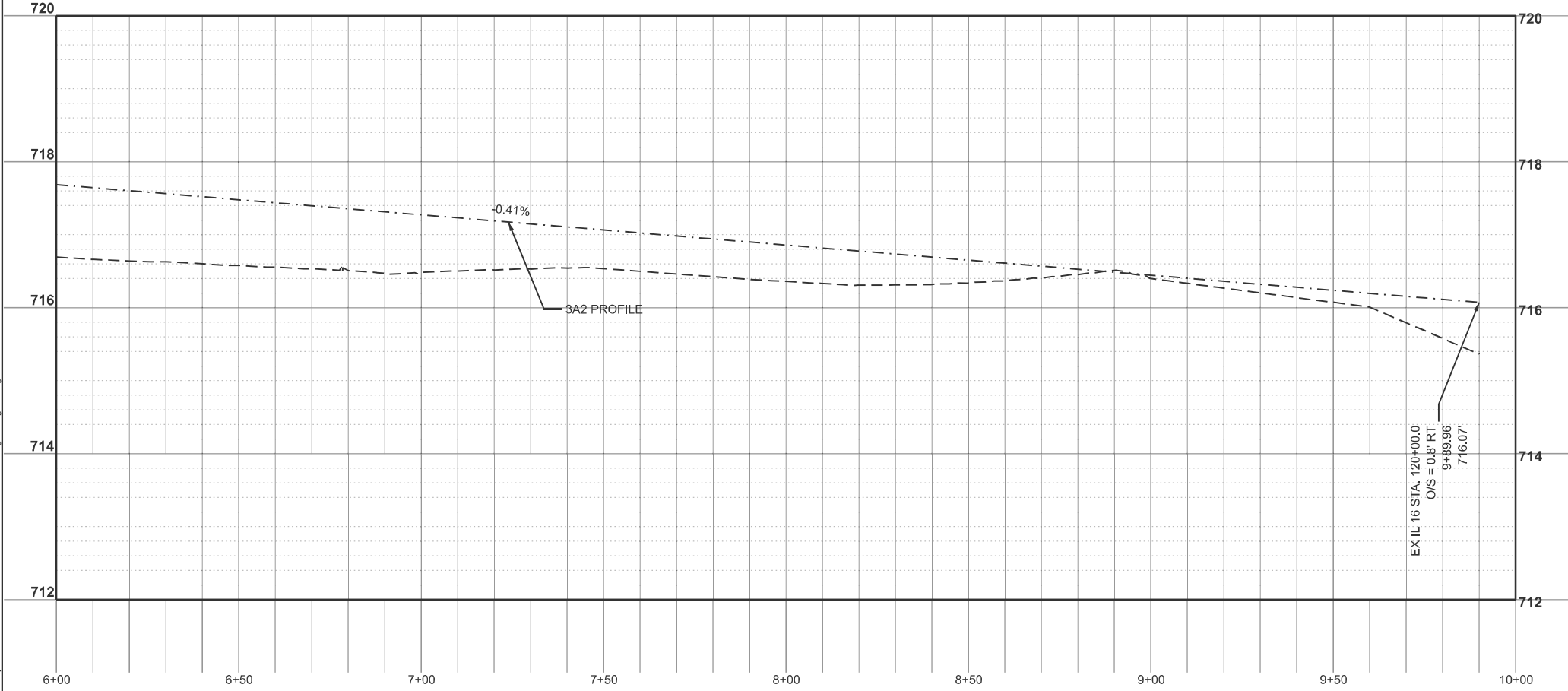
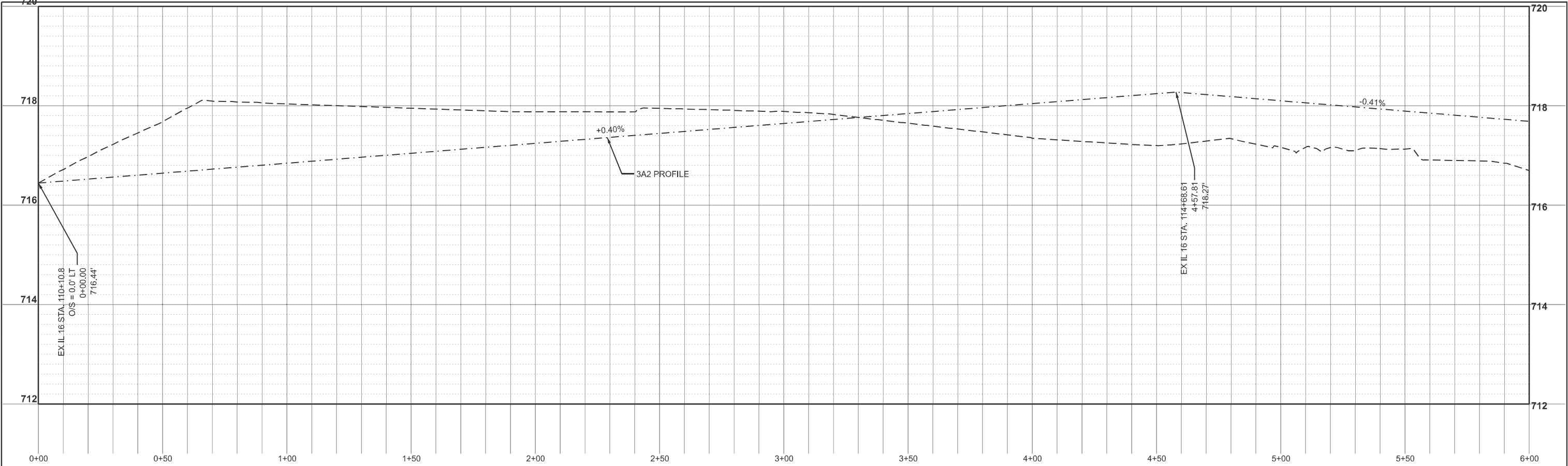
USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISION	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE STAGE 3A: 3A1 DITCH PROFILE					
SCALE: 1"=20'	SHEET 12	OF 24	SHEETS	STA. -1+00.00	TO STA. 5+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	467
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: GeomScratch - IL 16 MIDDLE MEDIAN DITCH PROFILE [Sheet]
FILE NAME: c:\p\work\hrtz\hrtz\kld852852\074435-sheets\Drainage-Stage3A.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
DRAWN	-	DRAWN	-	REVISED	-
PLOT SCALE	= \$\$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3A: 3A2 DITCH PROFILE

SCALE: 1"=20' SHEET 13 OF 24 SHEETS STA. 0+00.00 TO STA. 10+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	468
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: G:\hgs2-3a3 DITCH PROFILE (Sheet)
FILE NAME: c:\p\work\hrt\hrt\kld652852\74435-sheets\Drainage-Stage3A.dgn



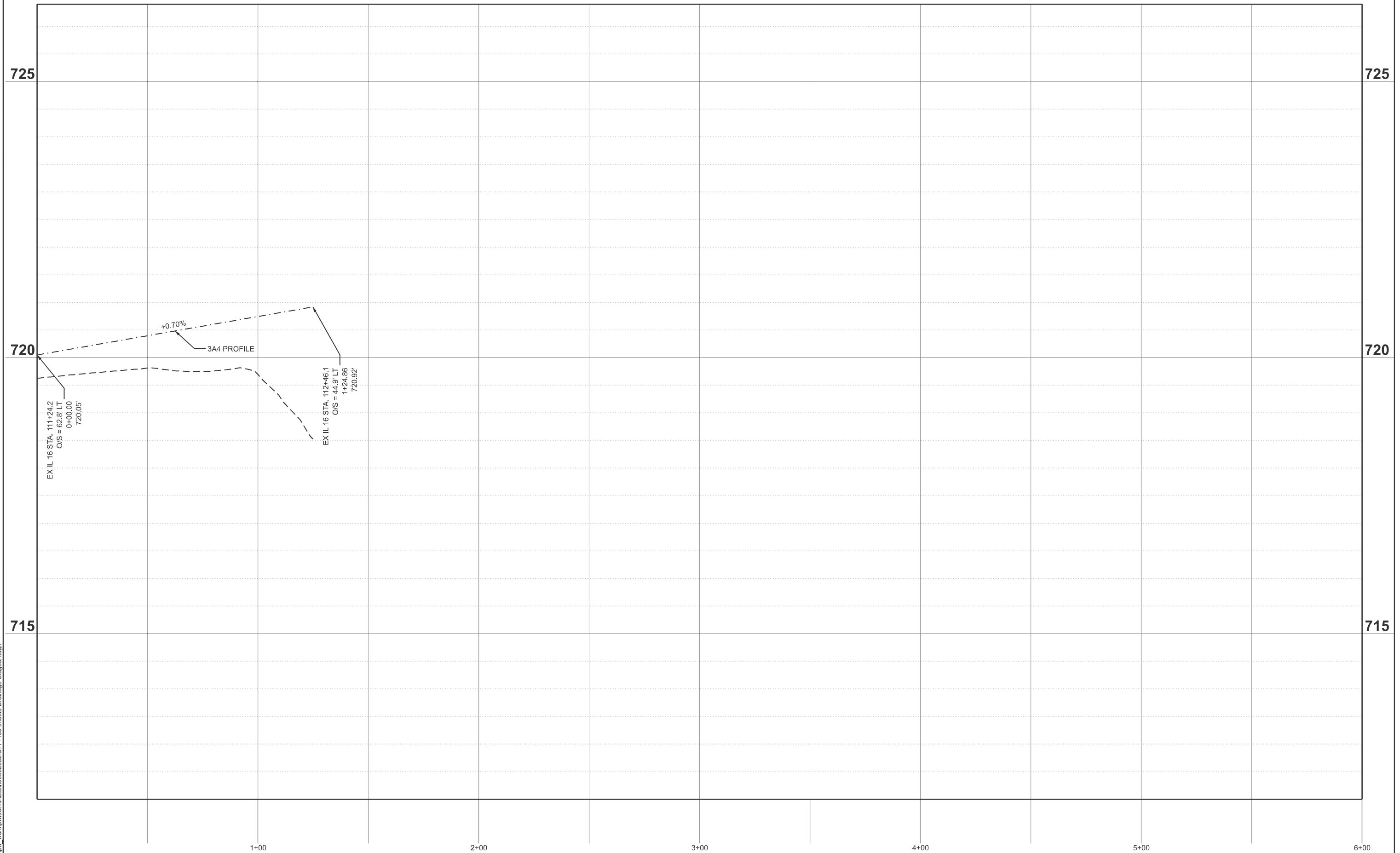
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		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3A: A3 DITCH PROFILE

SCALE: 1"=20' SHEET 14 OF 24 SHEETS STA. 0+00.00 TO STA. 6+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	469
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: GrDBot - 3A4 DITCH PROFILE [Sheet]
FILE NAME: c:\pw_work\pwidth\hrtzel\ld0852852\D774435-sheets-Drainage-Stage3A.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

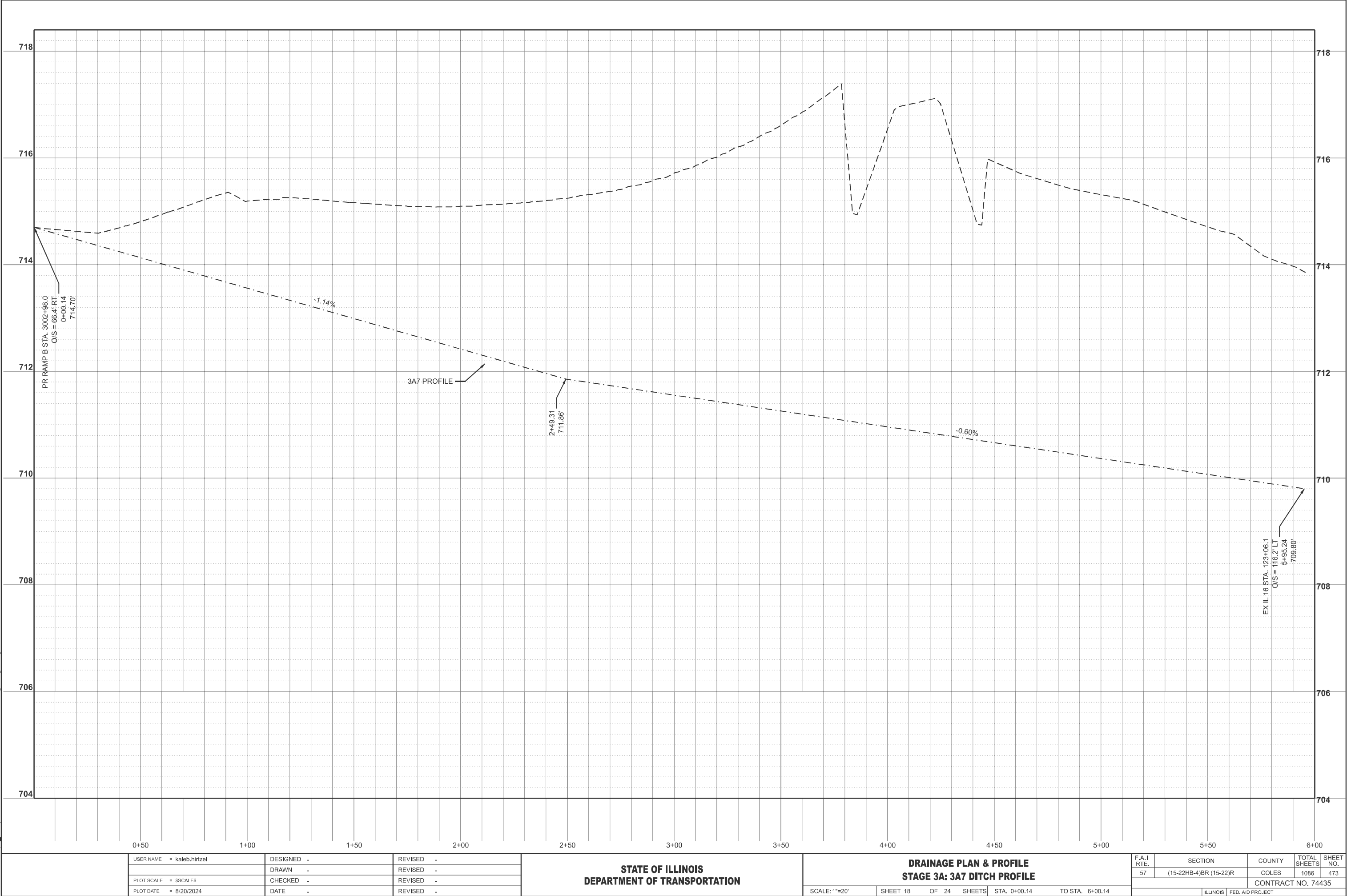
DRAINAGE PLAN & PROFILE

STAGE 3A: 3A4 DITCH PROFILE

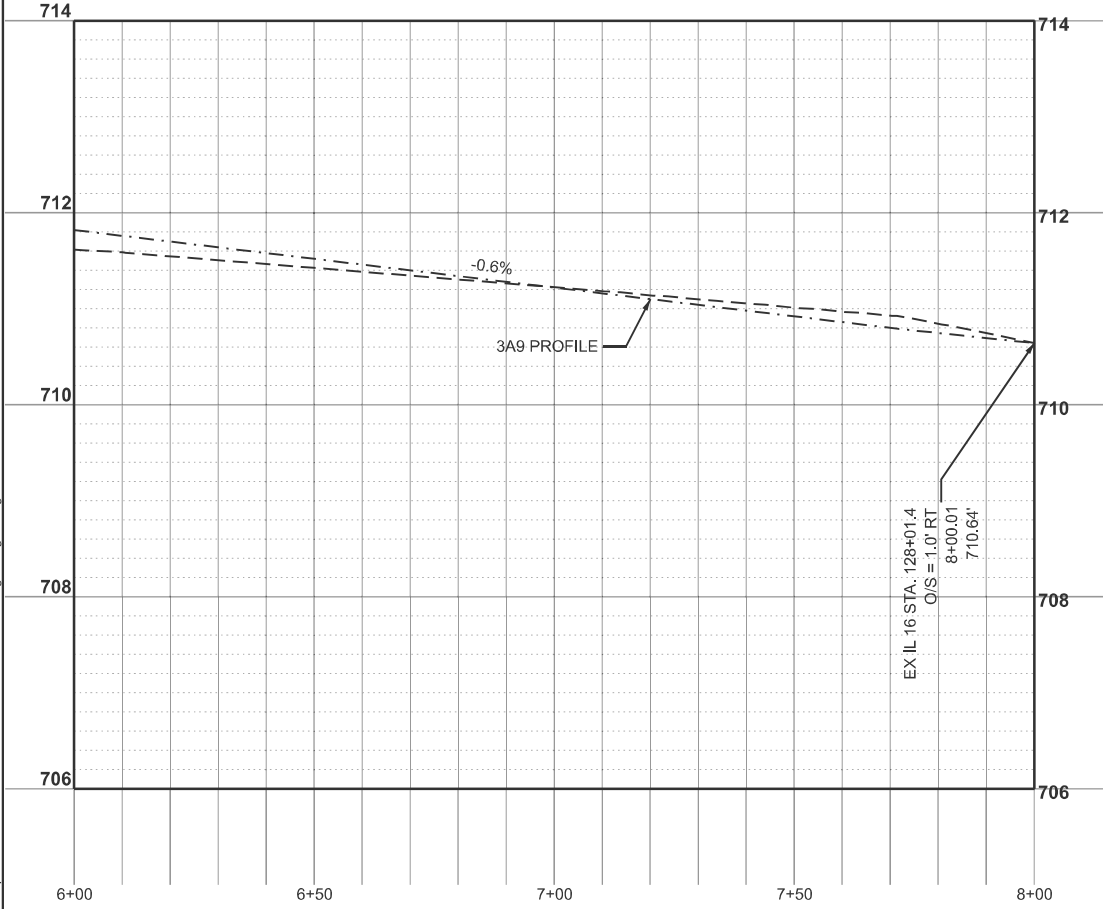
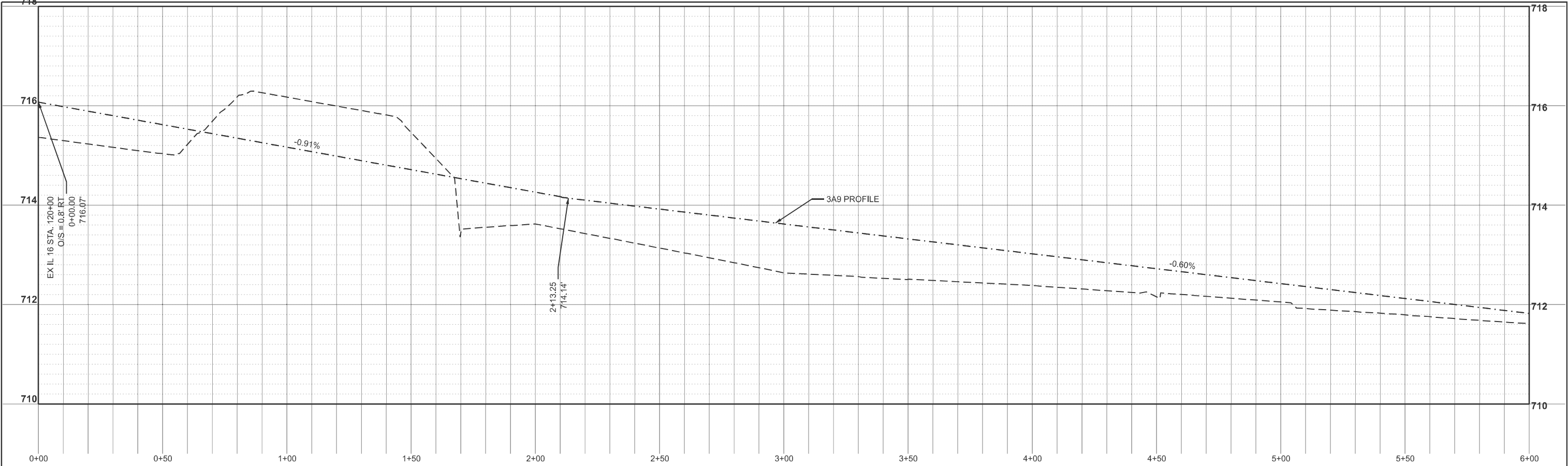
SCALE: 1"=20'	SHEET 15	OF 24	SHEETS	STA. 0+00.00	TO STA. 6+00.00
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	470
		CONTRACT NO. 74435		
ILLINOIS		FED. AID PROJECT		

MODEL: Plan-Z - 3A7 DITCH PROFILE-1 [Sheet]
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MODEL: GenScratch6 - 3A9 DITCH PROFILE (Sheet)
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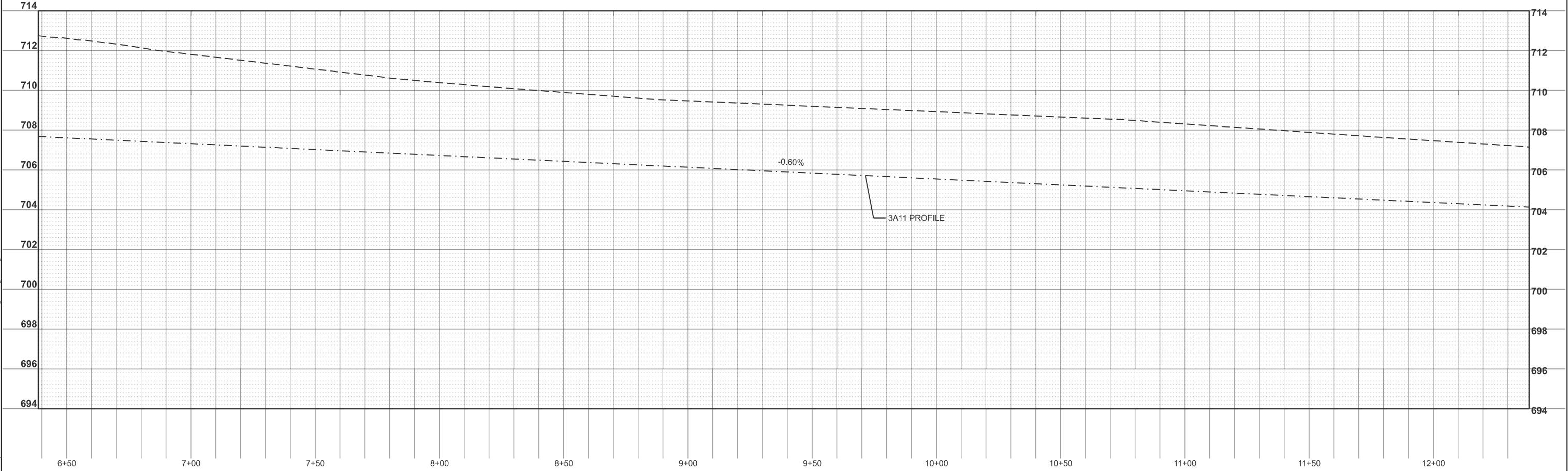
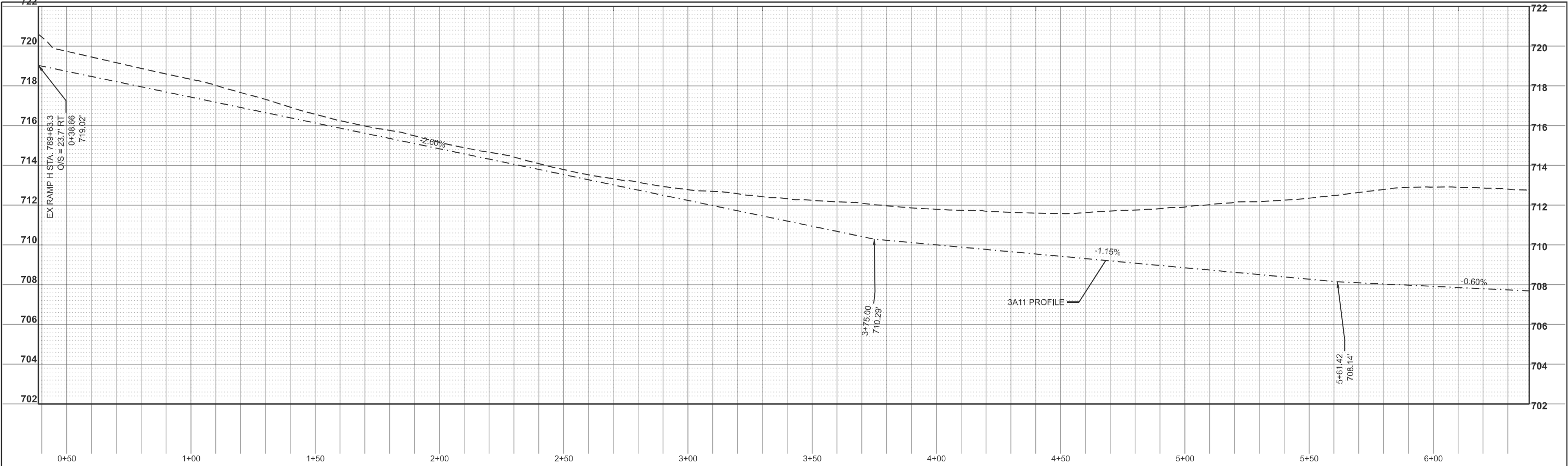
USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE STAGE 3A: 3A9 DITCH PROFILE			
SCALE: 1"=20'	SHEET 20	OF 24	SHEETS
STA. 0+00.00	TO STA. 8+00.03		

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	475
CONTRACT NO. 74435				
ILLINOIS		FED. AID PROJECT		

MODEL: G:\BOLD-3A11 DITCH PROFILE (Sheet)
FILE NAME: c:\p\work\bold\hrtz\k\062852\0774435-sheets\Drainage-Stage3A.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
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PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

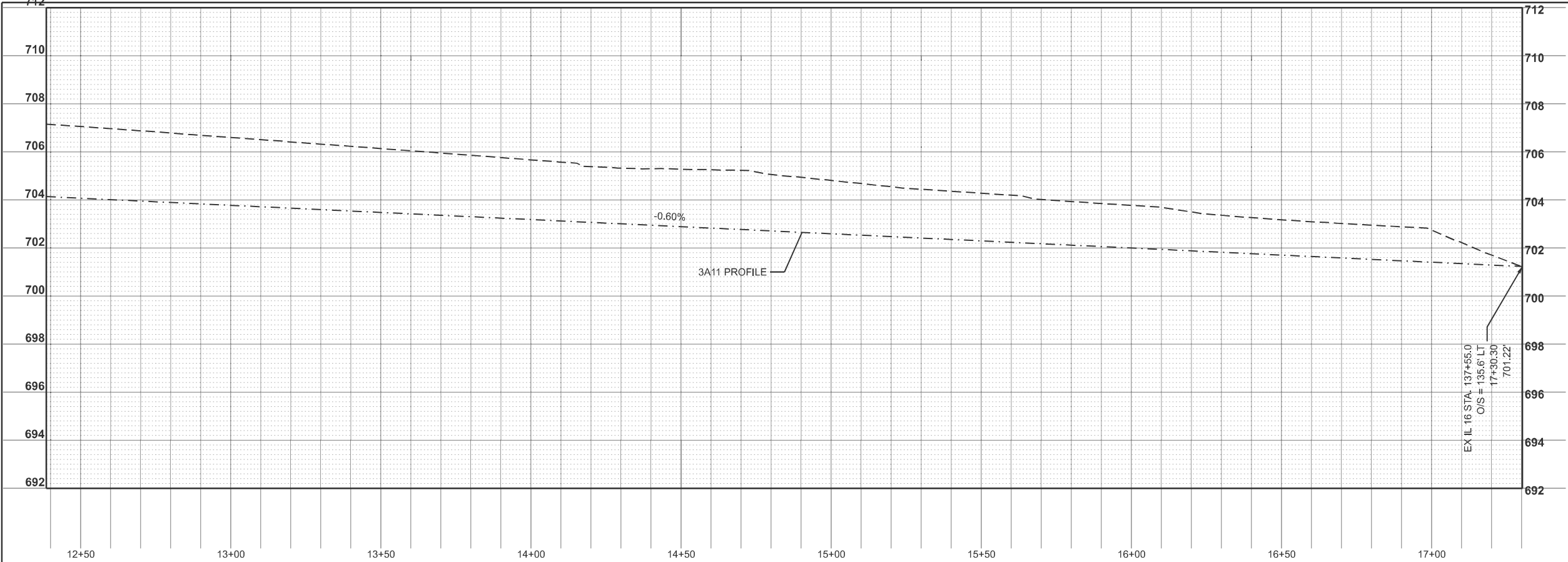
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3A: 3A11 DITCH PROFILE

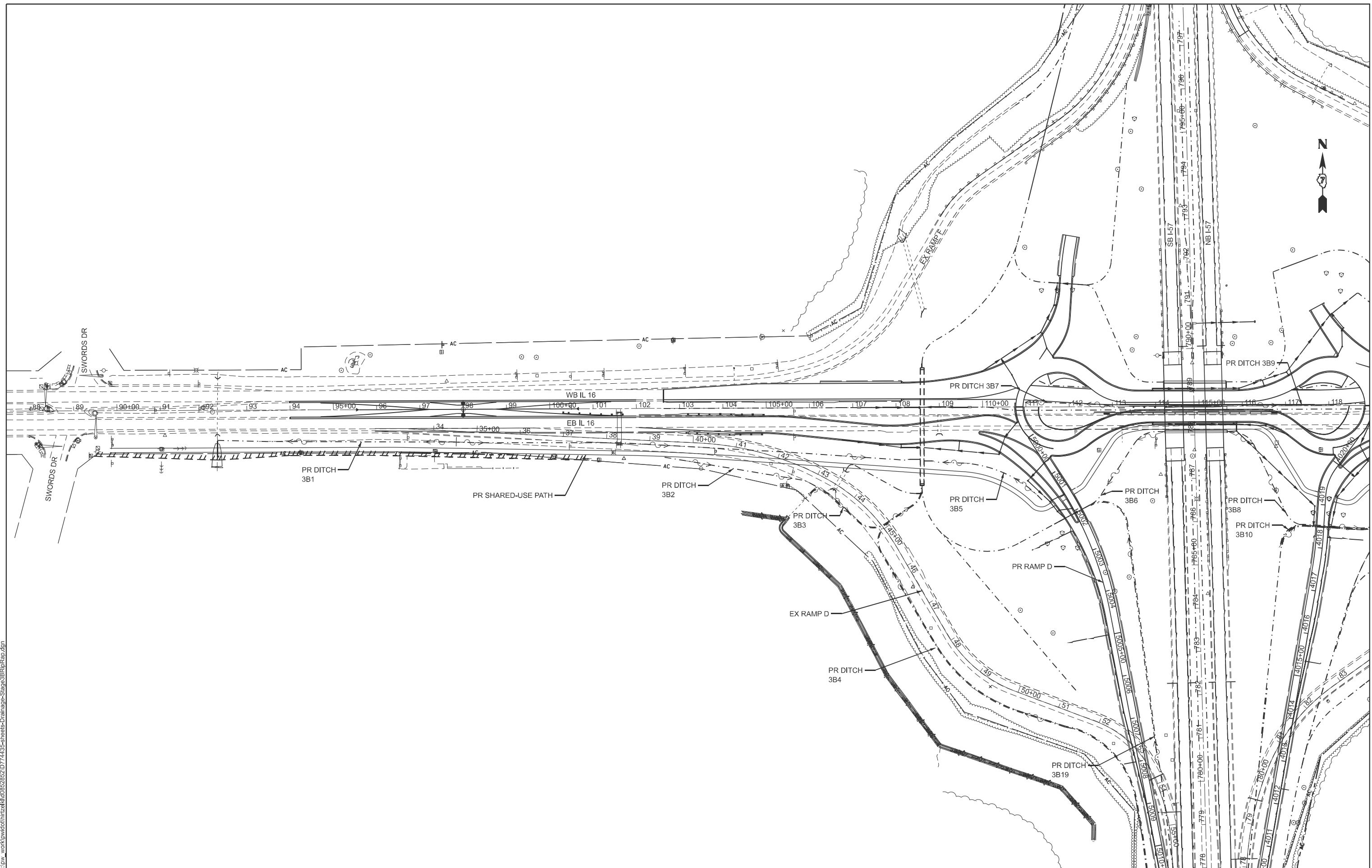
SCALE: 1"=20' SHEET 22 OF 24 SHEETS STA. 0+38.66 TO STA. 12+38.65

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	477
CONTRACT NO. 74435				
		ILLINOIS	FED. AID PROJECT	

MODEL: G:\BOLD - 3A11 DITCH PROFILE-2 (Sheet)
FILE NAME: c:\pw_work\pwt\hrtz\kld0862852\D77435-sheets\Drainage-Stage3A.dgn



	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE STAGE 3A: 3A11 DITCH PROFILE			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					57	(15-22HB-4)BR (15-22)R	COLES	1086	478
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -					CONTRACT NO. 74435				
	PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE: 1"=20'	SHEET 23	OF 24 SHEETS	STA. 12+38.65	TO STA. 17+30.30	ILLINOIS FED. AID PROJECT		



MODEL: STAGE 3B EAST [Sheet]
FILE NAME: c:\pw_work\pwwd\hrlz\elk\0852852\D774435-sheets-Drainage-Stage3BRipRap.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

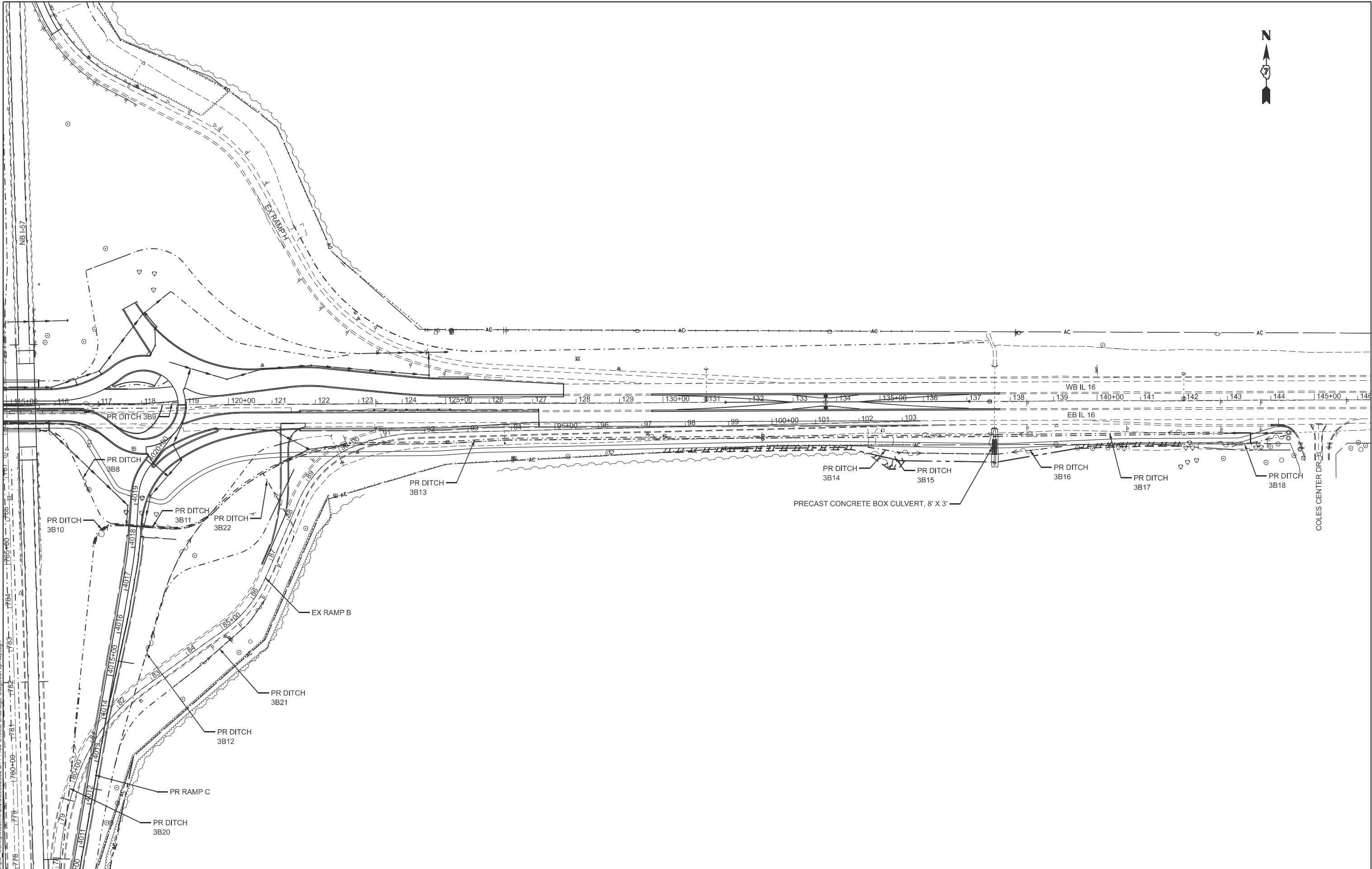
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE

STAGE 3B: WEST OVERALL VIEW

SCALE:	SHEET 1	OF 47	SHEETS	STA.	TO STA.
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	480
		CONTRACT NO. 74435		
		ILLINOIS	FED. AID PROJECT	



MODEL: STAGE 3B EAST-1 (Sheet)
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USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
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PLOT DATE = 8/20/2024	DATE -	REVISED -

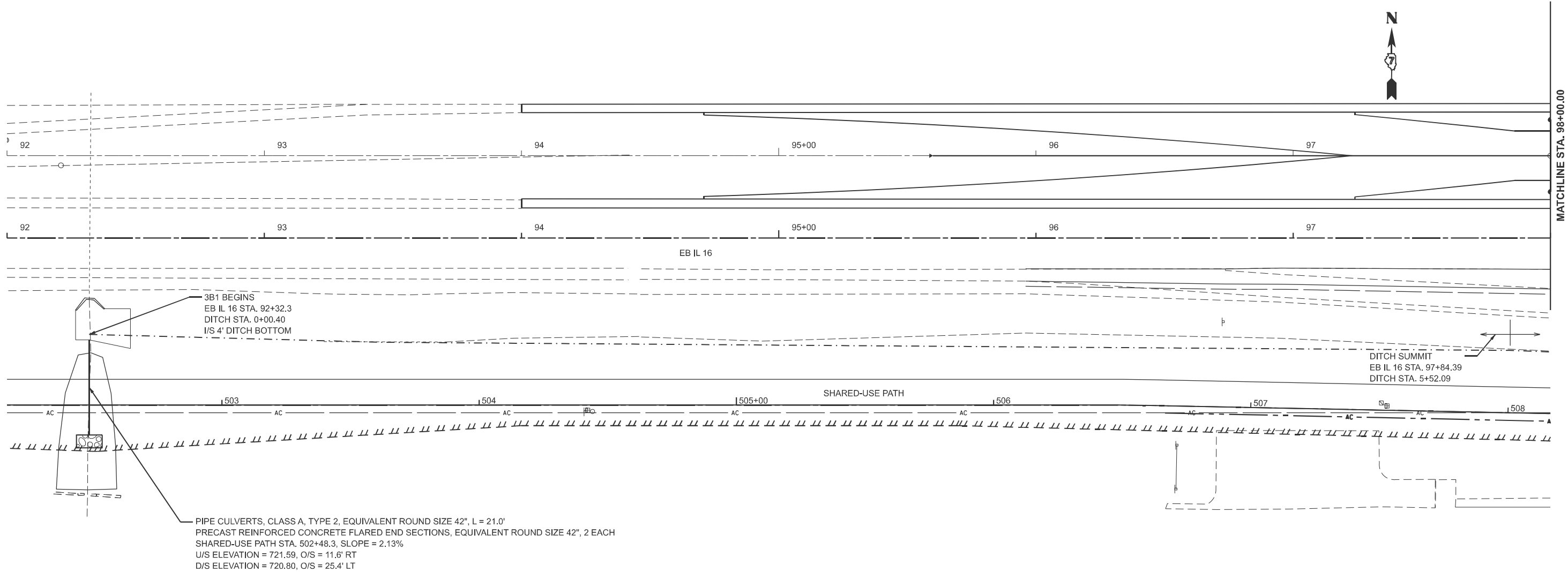
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3B: EAST OVERALL VIEW

SCALE: SHEET 2 OF 47 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	481
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: Ex IL 16 - NewIL16 (Sheet)
FILE NAME: c:\p\work\hrtz\k\ud852852\D774435-sheets\Drainage-Stage3B.dgn



	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 8/20/2024	DATE -	REVISED -

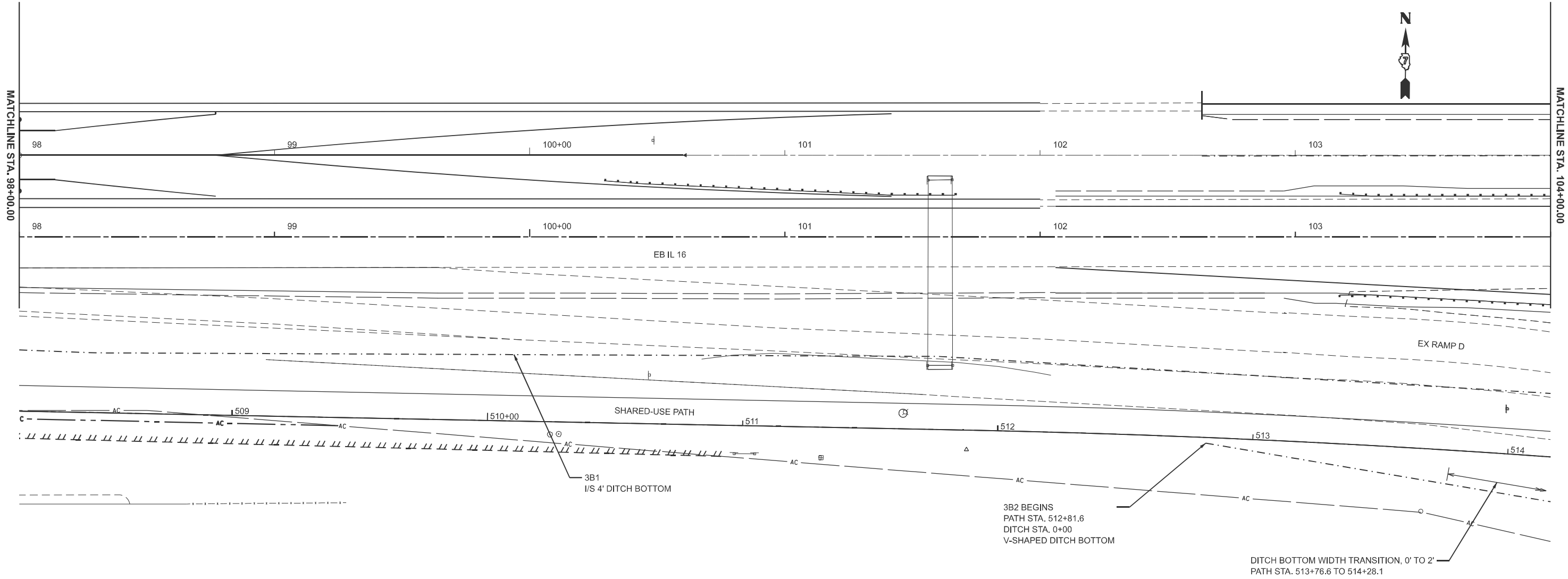
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3B: EB IL 16

SCALE: 1"=20' SHEET 3 OF 47 SHEETS STA. 92+00.00 TO STA. 98+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	482
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

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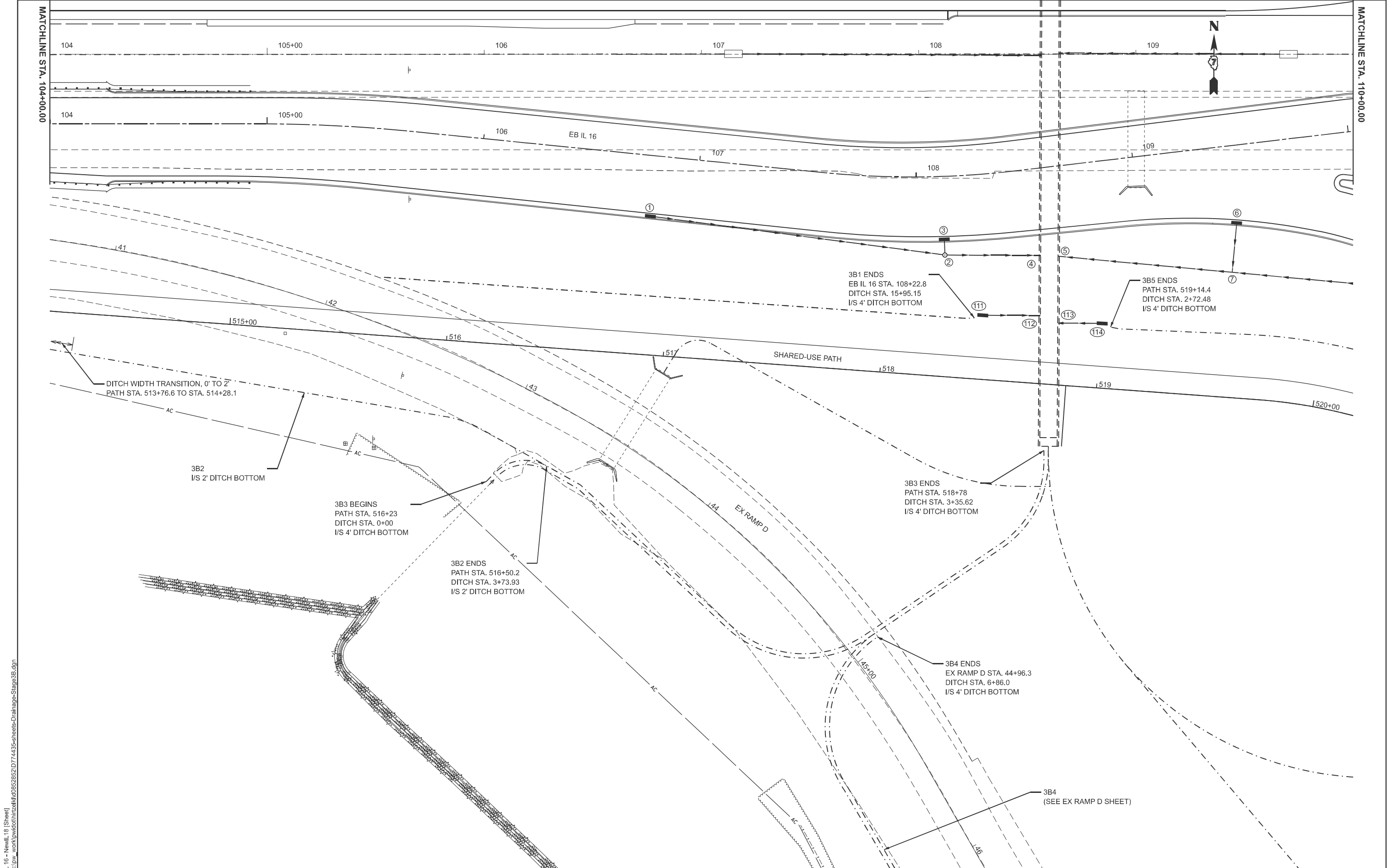
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3B: EB IL 16

SCALE: 1"=20' SHEET 4 OF 47 SHEETS STA. 98+00.00 TO STA. 104+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	483
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: Ex IL 16 - New IL 18 (Sheet)
FILE NAME: c:\p\work\hrtz\hrtz\kld852852\0774435-sheets-Drainage-Stage3B.dgn

PLOT DATE = 8/20/2024	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3B: EB IL 16

SCALE: 1"=20' SHEET 5 OF 47 SHEETS STA. 104+00.00 TO STA. 110+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	484
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

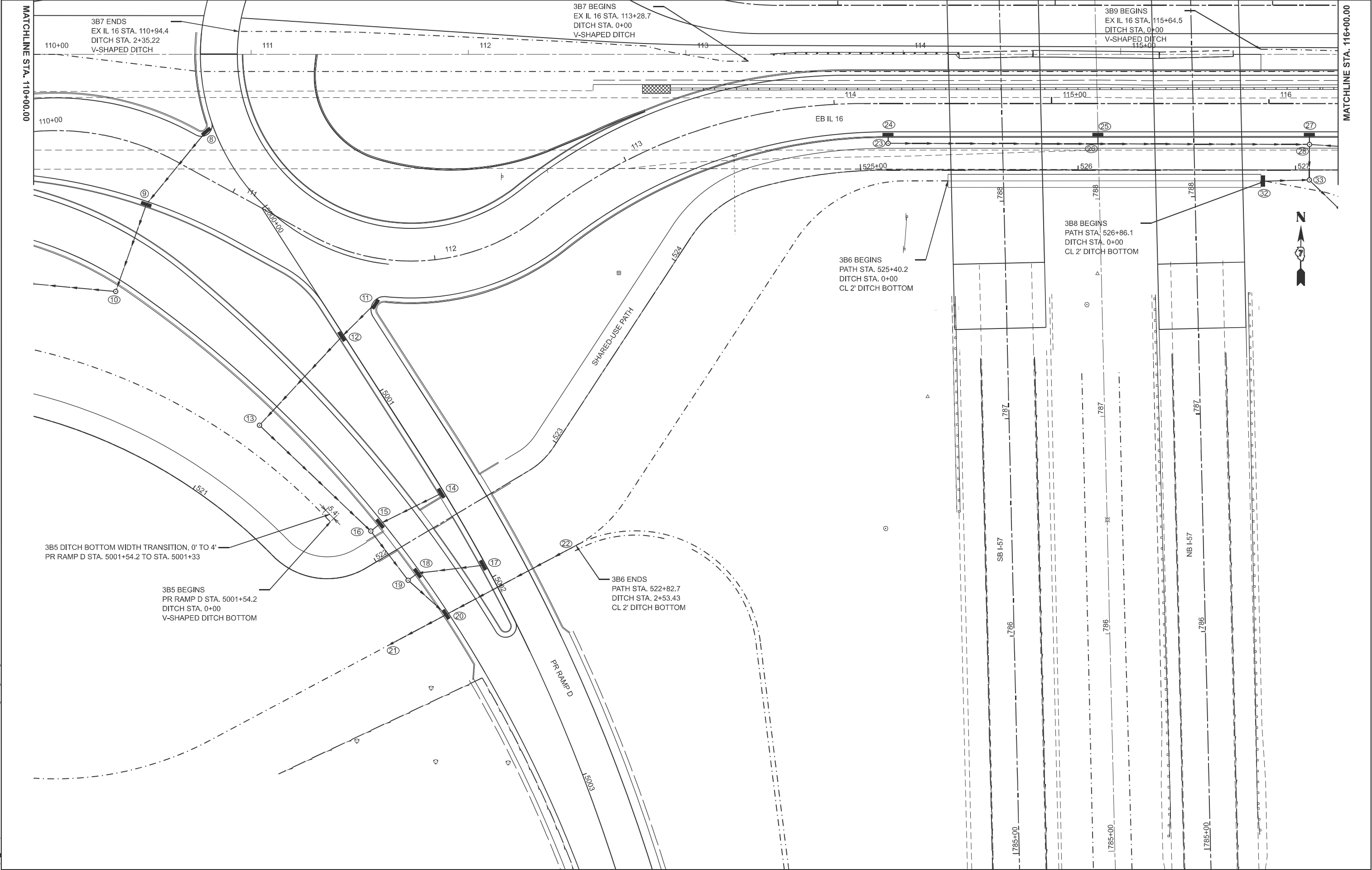
DRAINAGE STRUCTURE SCHEDULE (EB IL 16)										
PT	STATION (ALIGNMENT)	OFFSET	DESCRIPTION	LID/GRATE ELEVATION	INLET INVERT		INLET INVERT		OUTLET INVERT	
1	106+80.00 (EB IL 16)	27.91' RT	INLET TY A, TY 3 F&G	721.45	-	-	-	-	717.95	E
2	108+11.95 (EB IL 16)	36.22' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	720.16	717.31	N	713.82	W	713.72	E
3	108+11.95 (EB IL 16)	28.96' RT	INLET TY A, TY 3 F&G	720.94	-	-	-	-	717.44	S
4	108+51.90 (EB IL 16)	39.91' RT	S.S. OUTLET INTO BOX CULVERT UNDER IL 16	-	-	-	-	-	712.47	W
5	108+61.78 (EB IL 16)	41.55' RT	S.S. OUTLET INTO BOX CULVERT UNDER IL 16	-	-	-	-	-	712.48	E
6	109+44.16 (EB IL 16)	35.67' RT	INLET TY B, TY 3 F&G	720.24	-	-	-	-	714.45	S
7	109+39.42 (EB IL 16)	58.02' RT	RCP TEE 15" P 15" R	-	-	-	-	-	713.7	W
111	108+26.25 (EB IL 16)	64.79' RT	INLET, TY A, WITH MEDIAN INLET (604101)	715.27	-	-	-	-	712.60	E
112	108+49.38 (EB IL 16)	67.46' RT	S.S. OUTLET INTO BOX CULVERT UNDER IL 16	-	-	-	-	-	712.10	W
113	108+56.89 (EB IL 16)	71.91' RT	S.S. OUTLET INTO BOX CULVERT UNDER IL 16	-	-	-	-	-	712.10	E
114	108+77.31 (EB IL 16)	74.40' RT	INLET, TY A, WITH MEDIAN INLET (604101)	715.51	-	-	-	-	712.50	W

STORM SEWER PIPE SCHEDULE (EB IL 16)						
PT	TO	PT	PIPE SLOPE	STORM SEWERS, CL A, TY 2, 15"	STORM SEWERS, CL A, TY 2, 18"	TRENCH BACKFILL
			%	FEET	FEET	CU YD
1	TO	2	3.09	133.7	-	53.9
3	TO	2	3.02	4.3	-	0.1
2	TO	4	2.99	41.8	-	0.0
5	TO	7	1.54	76.4	-	0.0
6	TO	7	3.52	18.7	-	1.2
111	TO	112	1.98	-	25.3	0
114	TO	113	2.06	-	19.4	0

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE STAGE 3B: STORM SEWER SCHEDULE				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						57	(15-22HB-4)BR (15-22)R	COLES	1086	485
		CHECKED -	REVISED -		CONTRACT NO. 74435								
	PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE:	SHEET 6	OF 47	SHEETS	STA.	TO STA.			
					ILLINOIS FED. AID PROJECT								

MODEL: SS NEW IL 18 [Sheet]
FILE NAME: c:\pw work\pwidot\hirtzel\ld0852852\ld774435-sheets-Drainage-Stage3B.dgn

MODEL: Ex IL 16 - NewIL19 [Sheet]
FILE NAME: c:\p\work\hrtz\kld852852\74435-sheets\Drainage-Stage3B.dgn



USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

DRAINAGE PLAN & PROFILE			
STAGE 3B: EB IL 16			
SCALE: 1"=20'	SHEET 7	OF 47 SHEETS	STA. 110+00.00 TO STA. 116+00.00

F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	486
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

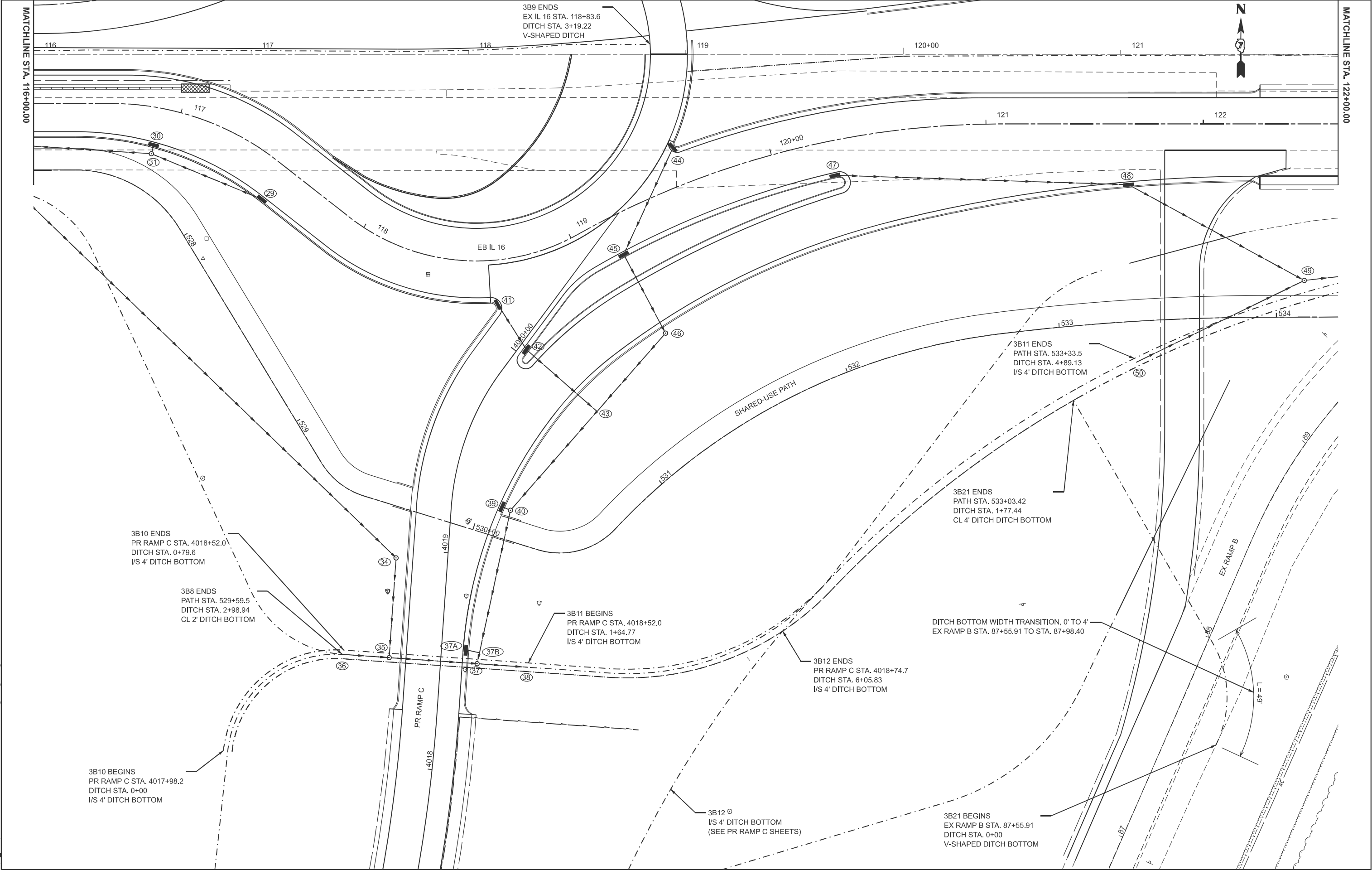
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FILE NAME: c:\pwworking\hrtzel\hrtzel\082852\0774435-sheets\Drainage-Stage3B.dgn

DRAINAGE STRUCTURE SCHEDULE (EB IL 16)												
PT	STATION (ALIGNMENT)	OFFSET	DESCRIPTION	LID/GRATE ELEVATION	INLET INVERT		INLET INVERT		INLET INVERT		OUTLET INVERT	
8	110+75.80 (EB IL 16)	18.69' LT	INLET TY A, TY 4 F&G	720.77	-	-	-	-	-	-	717.27	SW
9	110+67.07 (EB IL 16)	23.84' RT	INLET TY B, TY 4 F&G	720.20	716.25	NE	-	-	-	-	716.15	SW
10	110+74.54 (EB IL 16)	65.85' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	719.55	715.21	NE	-	-	-	-	715.11	W
11	111+75.29 (EB IL 16)	20.90' RT	INLET TY A, TY 4 F&G	719.79	-	-	-	-	-	-	716.29	SW
12	5000+69.46 (RAMP D)	1.02' RT	INLET TY B, TY 4 F&G	719.61	715.16	NE	-	-	-	-	715.06	SW
13	5000+83.24 (RAMP D)	54.96' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	718.20	714.54	NE	-	-	-	-	714.44	SE
14	5001+54.83 (RAMP D)	1.25' RT	INLET TY A, TY 4 F&G	718.65	-	-	-	-	-	-	715.15	SW
15	5001+52.02 (RAMP D)	32.55' RT	INLET TY B, TY 3 F&G	718.03	714.29	NE	-	-	-	-	714.19	SW
16	5001+52.70 (RAMP D)	38.01' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	718.36	714.13	NE	713.77	NW	-	-	713.67	SE
17	5001+93.18 (Ramp D)	1.16' RT	INLET TY A, TY 4 F&G	718.52	-	-	-	-	-	-	715.15	SW
18	5001+81.57 (RAMP D)	29.20' RT	INLET TY B, TY 3 F&G	717.95	714.32	NE	-	-	-	-	714.22	SW
19	5001+82.19 (RAMP D)	34.67' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	718.18	714.16	NE	713.46	NW	-	-	713.36	SE
20	5002+03.67 (RAMP D)	28.34' RT	MH TY A 5', TY 3 F&G	718.00	713.21	NE	713.13	NW	-	-	713.03	SW
21	5002+05.50 (RAMP D)	55.78' RT	PRECAST CONC. FLARED END SECTION, 30"	-	-	-	-	-	-	-	712.92	SW
22	5002+05.00 (RAMP D)	44.21' LT	PRECAST CONC. FLARED END SECTION, 30"	-	713.41	NE	-	-	-	-	-	-
23	114+24.83 (EB IL 16)	18.30' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	718.70	-	-	-	-	-	-	715.70	S
24	114+24.84 (EB IL 16)	14.30' RT	INLET TY A, TY 3 F&G	719.26	715.67	N	-	-	-	-	715.57	E
25	115+21.34 (EB IL 16)	14.30' RT	INLET TY A, TY 3 F&G	718.22	-	-	-	-	-	-	714.62	S
26	115+21.33 (EB IL 16)	18.55' RT	RCP TEE 15" P 15" R	-	-	-	-	-	-	-	714.53	E
27	116+18.63 (EB IL 16)	14.30' RT	INLET TY A, TY 3 F&G	717.73	-	-	-	-	-	-	714.23	S
28	116+18.62 (EB IL 16)	18.80' RT	MH TY A 5', TY 1 FRAME, CLOSED LID	718.21	714.20	N	713.57	W	713.57	E	713.47	S
32	115+97.26 (EB IL 16)	35.62' RT	INLET TY A, TY 8 F&G	718.04	-	-	-	-	-	-	714.54	E
33	116+18.55 (EB IL 16)	35.11' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	718.20	714.00	W	713.40	N	-	-	713.30	SE

STORM SEWER PIPE SCHEDULE (EB IL 16)					
PT	TO	PT	PIPE SLOPE	STORM SEWERS, CL A, TY 2, 15"	TRENCH BACKFILL
			%	FEET	CU YD
7	TO	10	1.54	88.8	0.0
8	TO	9	2.50	40.8	5.3
9	TO	10	2.41	39.0	7.3
11	TO	12	5.98	18.9	3.1
12	TO	13	1.00	52.2	8.3
13	TO	16	1.00	66.7	0.0
14	TO	15	2.98	28.9	3.4
15	TO	16	3.00	2.0	0.3
16	TO	19	0.86	24.3	6.0
17	TO	18	2.99	27.8	3.0
18	TO	19	3.00	2.0	0.3

STORM SEWER PIPE SCHEDULE (EB IL 16)					
PT	TO	TO	PIPE SLOPE	STORM SEWERS, CL A, TY 2, 15"	TRENCH BACKFILL
			%	FEET	CU YD
19	TO	20	0.80	18.7	5.0
22	TO	20	0.43	-	4.0
20	TO	21	0.44	-	0.0
23	TO	24	3.00	1.0	0.1
24	TO	26	1.00	91.5	14.5
25	TO	26	2.81	0.6	0.5
26	TO	28	1.00	91.8	20.0
27	TO	28	3.00	1.0	0.1
28	TO	33	0.59	11.8	3.0
32	TO	33	2.95	18.3	1.4

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE STAGE 3B: STORM SEWER SCHEDULE			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					57	(15-22HB-4)BR (15-22)R	COLES	1086	487
		CHECKED -	REVISED -					CONTRACT NO. 74435				
	PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE:	SHEET 8	OF 47 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



MATCHLINE STA. 116+00.00

MATCHLINE STA. 122+00.00

3B9 ENDS
EX IL 16 STA. 118+83.6
DITCH STA. 3+19.22
V-SHAPED DITCH

3B10 ENDS
PR RAMP C STA. 4018+52.0
DITCH STA. 0+79.6
I/S 4' DITCH BOTTOM

3B8 ENDS
PATH STA. 529+59.5
DITCH STA. 2+98.94
CL 2' DITCH BOTTOM

3B10 BEGINS
PR RAMP C STA. 4017+98.2
DITCH STA. 0+00
I/S 4' DITCH BOTTOM

3B11 BEGINS
PR RAMP C STA. 4018+52.0
DITCH STA. 1+64.77
I/S 4' DITCH BOTTOM

3B12 ENDS
PR RAMP C STA. 4018+74.7
DITCH STA. 6+05.83
I/S 4' DITCH BOTTOM

3B11 ENDS
PATH STA. 533+33.5
DITCH STA. 4+89.13
I/S 4' DITCH BOTTOM

3B21 ENDS
PATH STA. 533+03.42
DITCH STA. 1+77.44
CL 4' DITCH DITCH BOTTOM

DITCH BOTTOM WIDTH TRANSITION, 0' TO 4'
EX RAMP B STA. 87+55.91 TO STA. 87+98.40

3B12
I/S 4' DITCH BOTTOM
(SEE PR RAMP C SHEETS)

3B21 BEGINS
EX RAMP B STA. 87+55.91
DITCH STA. 0+00
V-SHAPED DITCH BOTTOM

MODEL: Ex IL 16 - NewIL20 [Sheet]
FILE NAME: c:\p\work\hrt\hrt\kld0852852\0774435-sheets-Drainage-Stage3B.dgn

USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3B: EB IL 16

SCALE: 1"=20' SHEET 9 OF 47 SHEETS STA. 116+00.00 TO STA. 122+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	488
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: SS NEW IL 20 (Sheet)
FILE NAME: c:\pwworking\hrtzel\dd852852\DD74435-sheets-Drainage-Stage3B.dgn

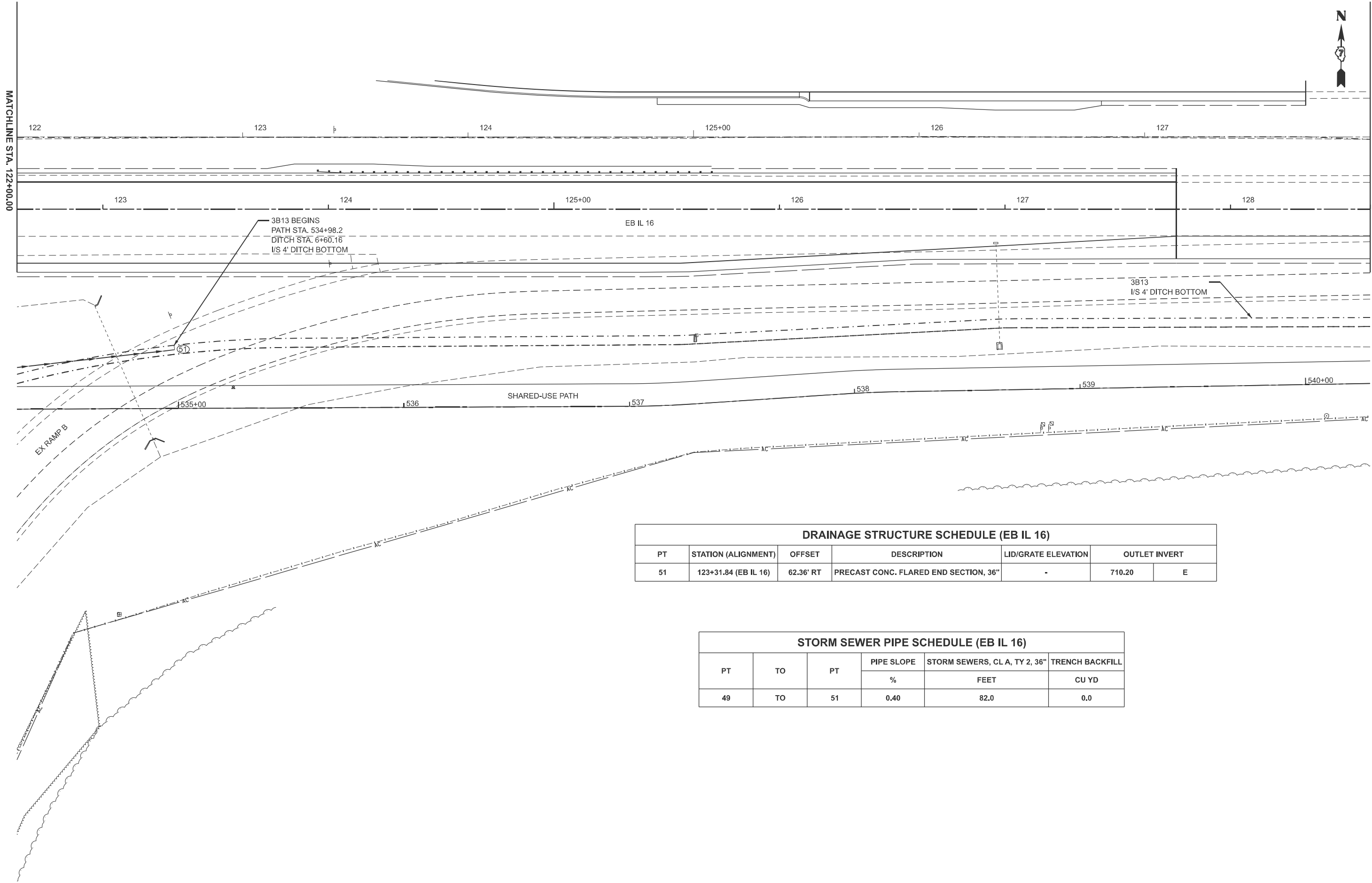
DRAINAGE STRUCTURE SCHEDULE (EB IL 16)										
PT	STATION (ALIGNMENT)	OFFSET	DESCRIPTION	LID/GRATE ELEVATION	INLET INVERT		INLET INVERT		OUTLET INVERT	
29	117+55.15 (EB IL 16)	18.30' RT	INLET TY A, TY 3 F&G	717.65	-	-	-	-	715.03	NW
30	116+90.36 (EB IL 16)	17.21' RT	INLET TY A, TY 3 F&G	717.48	-	-	-	-	714.49	S
31	116+89.97 (EB IL 16)	21.40' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	718.01	714.46	N	714.46	SE	714.60	W
34	4018+95.94 (RAMP C)	23.72' LT	MH TY A 4', TY 1 FRAME, CLOSED LID	717.26	712.21	NW	-	-	712.11	S
35	4018+50.00 (RAMP C)	23.72' LT	MH TY A 5', TY 1 FRAME, CLOSED LID	716.90	711.92	N	711.92	W	711.87	E
36	4018+50.00 (RAMP C)	44.72' LT	PRECAST CONC. FLARED END SECTION, 30"	-	712.00	W	-	-	-	-
37	4018+50.00 (RAMP C)	16.80' RT	MH TY A 6', TY 1 FRAME, CLOSED LID	716.37	711.72	N	711.72	W	711.67	E
37A	4018+56.12 (RAMP C)	11.30' RT	INLET TY A, TY 3 F&G	716.17	-	-	-	-	711.88	E
37B	4018+55.12 (RAMP C)	17.55' RT	RCP TEE 15" P 15" R	-	-	-	-	-	711.74	W
38	4018+50.00 (RAMP C)	40.30' RT	PRECAST CONC. FLARED END SECTION, 30"	-	-	-	-	-	711.58	E
39	4019+23.26 (RAMP C)	23.25' RT	INLET TY A, TY 3 F&G	716.39	-	-	-	-	712.89	E
40	4019+21.43 (RAMP C)	27.23' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	716.80	712.85	W	712.17	NE	712.07	SW
41	118+62.96 (EB IL 16)	20.52' RT	INLET TY A, TY 4 F&G	717.98	-	-	-	-	714.98	SE
42	4020+03.38 (RAMP C)	3.29' RT	INLET TY B, TY 4 F&G	717.72	713.27	NW	-	-	713.17	SE
43	4019+99.90 (RAMP C)	46.39' RT	RCP TEE 15" P 12" R	-	-	-	-	-	712.67	SW
44	119+59.01 (EB IL 16)	17.52' LT	INLET TY A, TY 4 F&G	718.95	-	-	-	-	715.95	SW
45	119+18.15 (EB IL 16)	18.09' RT	INLET TY B, TY 4 F&G	718.41	714.73	NE	-	-	714.63	SE
46	119+18.91 (EB IL 16)	59.07' RT	MH TY A 4', TY 1 FRAME, CLOSED LID	717.95	714.25	NW	-	-	713.06	SW
47	120+26.80 (EB IL 16)	15.86' RT	INLET TY A, TY 4 F&G	718.51	-	-	-	-	715.26	E
48	121+65.55 (EB IL 16)	27.92' RT	INLET TY B, TY 3 F&G	717.14	711.52	W	-	-	711.42	SE
49	122+46.38 (EB IL 16)	71.97' RT	MH TY A 8', TY 1 FRAME, CLOSED LID	714.18	710.20	NW	710.10	SW	710.10	E
50	121+69.06 (EB IL 16)	109.61' RT	PRECAST CONC. FLARED END SECTION, 36"	-	710.37	SW	-	-	-	-

STORM SEWER PIPE SCHEDULE (EB IL 16)								
PT	TO	PT	PIPE SLOPE	STORM SEWERS, CL A, TY 2, 12"	STORM SEWERS, CL A, TY 2, 15"	STORM SEWERS, CL A, TY 2, 30"	STORM SEWERS, CL A, TY 1, 36"	TRENCH BACKFILL
			%	FEET	FEET	FEET	FEET	CU YD
29	TO	31	1.10	-	52.0	-	-	3.2
30	TO	31	2.50	-	1.2	-	-	0.1
31	TO	28	1.24	-	63.5	-	-	11.9
33	TO	34	0.44	-	246.2	-	-	0.0
34	TO	35	0.46	-	41.4	-	-	0.0
36	TO	35	0.43	-	-	18.5	-	0.0
35	TO	37	0.43	-	-	35.0	-	8.7
37	TO	38	0.44	-	-	20.5	-	0.0
37A	TO	37B	2.95	-	4.8	-	-	0.0
40	TO	37	0.51	-	69.2	-	-	7.1

STORM SEWER PIPE SCHEDULE (EB IL 16)								
PT	TO	PT	PIPE SLOPE	STORM SEWERS, CL A, TY 2, 12"	STORM SEWERS, CL A, TY 2, 15"	STORM SEWERS, CL A, TY 2, 30"	STORM SEWERS, CL A, TY 2, 36"	TRENCH BACKFILL
			%	FEET	FEET	FEET	FEET	CU YD
39	TO	40	3.33	-	1.2	-	-	0.2
43	TO	40	0.86	-	55.4	-	-	0.0
46	TO	43	0.86	-	42.8	-	-	0.0
42	TO	43	1.20	39.1	-	-	-	7.9
41	TO	42	7.81	21.9	-	-	-	3.3
45	TO	46	1.01	37.5	-	-	-	6.1
44	TO	45	2.36	51.6	-	-	-	5.6
47	TO	48	2.82	-	132.6	-	-	46.3
48	TO	49	1.41	-	86.6	-	-	4.6
50	TO	49	0.33	-	-	-	82.0	6.3

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE STAGE 3B: STORM SEWER SCHEDULE			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					57	(15-22HB-4)BR (15-22)R	COLES	1086	489
		CHECKED -	REVISED -					CONTRACT NO. 74435				
	PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE:	SHEET 10	OF 47 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Ex IL 16 - NewIL21 [Sheet]
FILE NAME: c:\p\work\hrtz\k\ud852852\D774435-sheets-Drainage-Stage3B.dgn



DRAINAGE STRUCTURE SCHEDULE (EB IL 16)						
PT	STATION (ALIGNMENT)	OFFSET	DESCRIPTION	LID/GRATE ELEVATION	OUTLET INVERT	
51	123+31.84 (EB IL 16)	62.36' RT	PRECAST CONC. FLARED END SECTION, 36"	-	710.20	E

STORM SEWER PIPE SCHEDULE (EB IL 16)					
PT	TO	PT	PIPE SLOPE	STORM SEWERS, CL A, TY 2, 36"	TRENCH BACKFILL
			%	FEET	CU YD
49	TO	51	0.40	82.0	0.0

	USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
			DRAWN	-	REVISED	-
			CHECKED	-	REVISED	-
	PLOT DATE	= 8/20/2024	DATE	-	REVISED	-

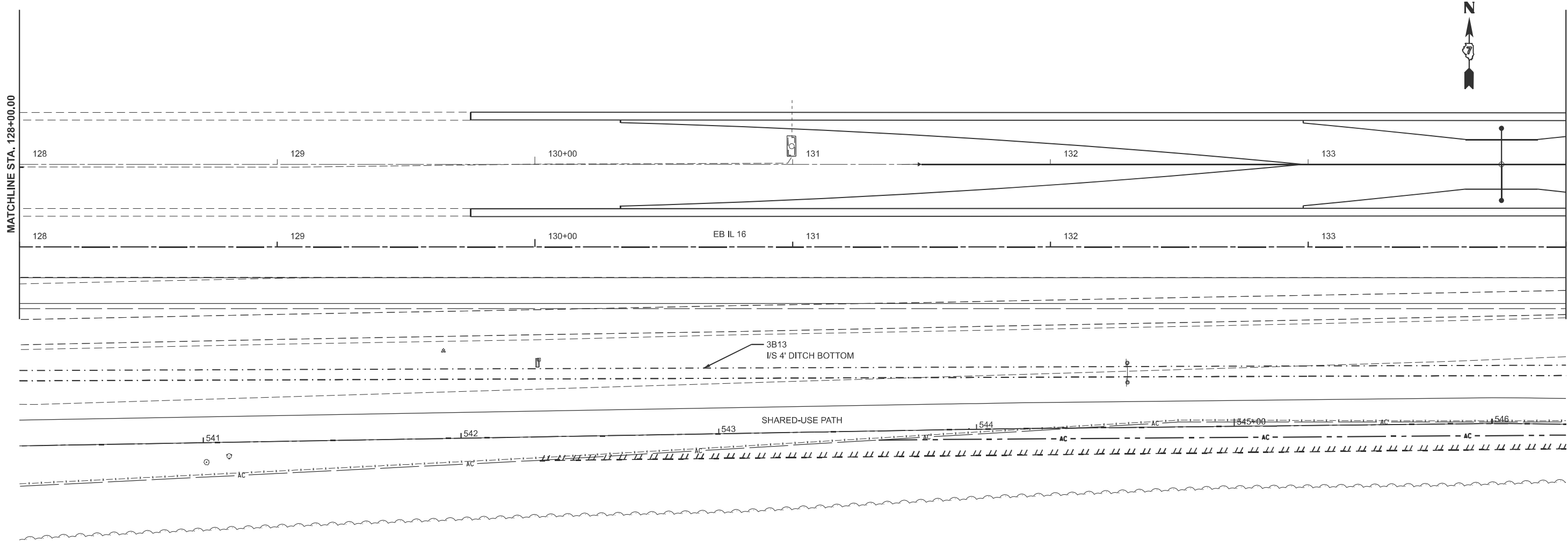
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3B: EB IL 16

SCALE: 1"=20' SHEET 11 OF 47 SHEETS STA. 122+00.00 TO STA. 128+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	490
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: Ex IL 16 - NewIL22 [Sheet]
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USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

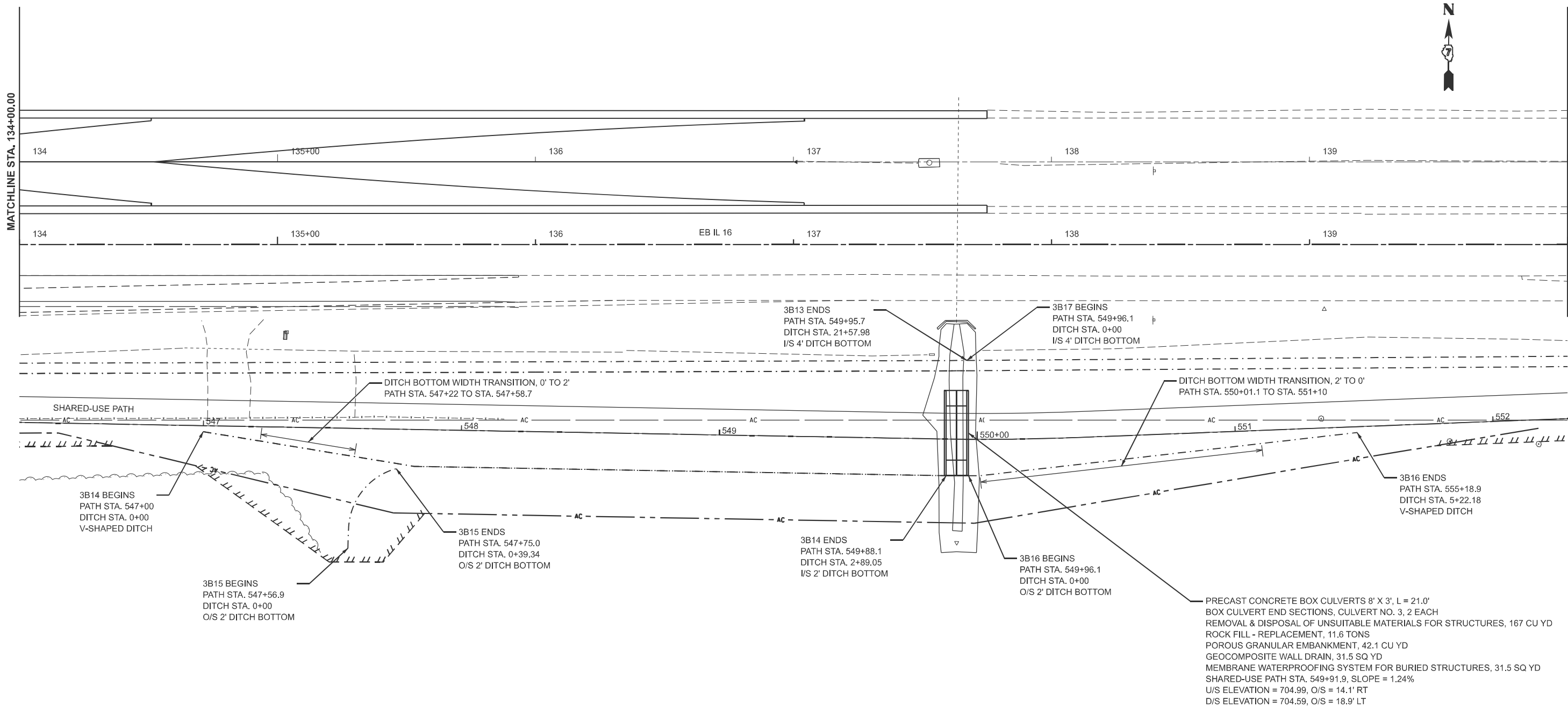
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3B: EB IL 16

SCALE: 1"=20' SHEET 12 OF 47 SHEETS STA. 128+00.00 TO STA. 134+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	491
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

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	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 8/20/2024	DATE -	REVISED -

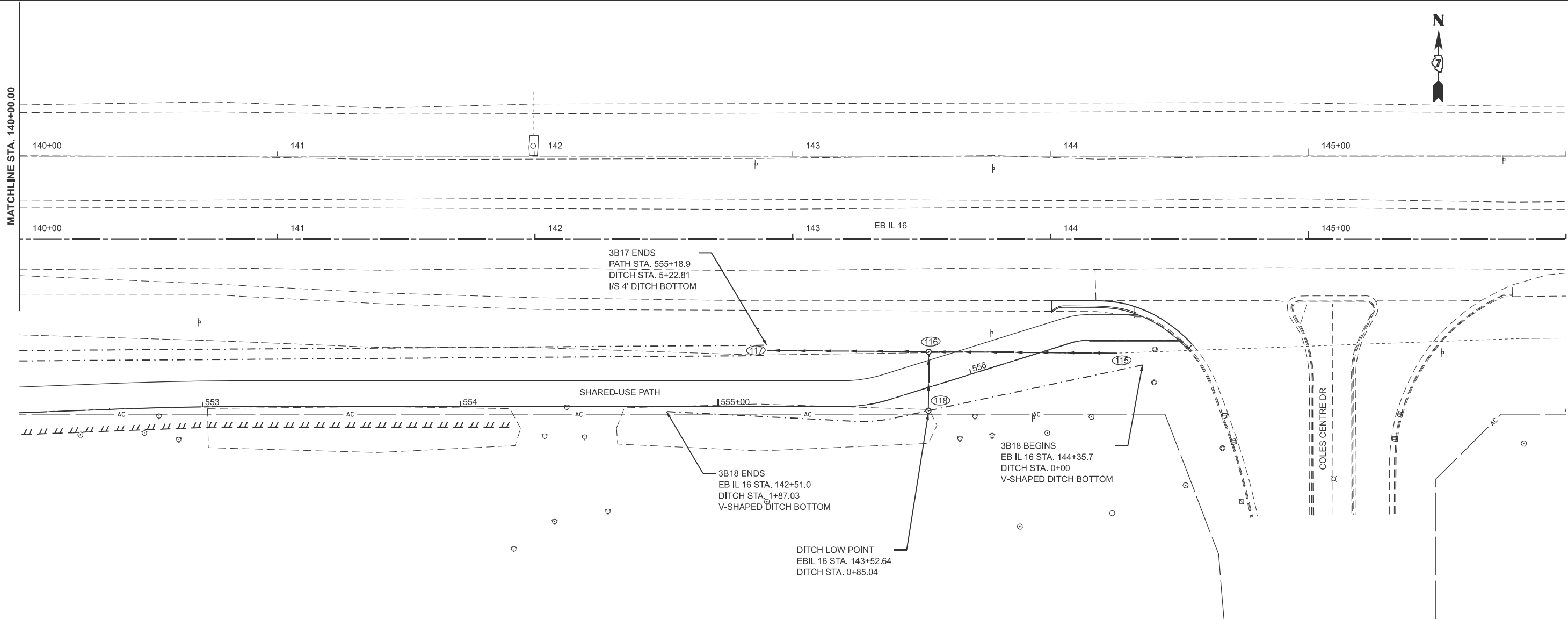
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3B: EB IL 16

SCALE: 1"=20' SHEET 13 OF 47 SHEETS STA. 134+00.00 TO STA. 140+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	492
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: Ex IL 16 - NewIL24 [Sheet]
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DRAINAGE STRUCTURE SCHEDULE (EB IL 16)										
PT	STATION (ALIGNMENT)	OFFSET	DESCRIPTION	LID/GRATE ELEVATION	INLET INVERT		INLET INVERT		OUTLET INVERT	
115	144+25.93 (EB IL 16)	44.32' RT	EXISTING 36" PIPE CULVERT EXTENSION	-	-	-	-	-	705.51	W
116	143+52.74 (EB IL 16)	43.77' RT	MH TY A 5', TY 1 FRAME, CLOSED LID	709.26	705.44	E	705.46	S	705.37	W
117	142+89.93 (EB IL 16)	43.30' RT	PRECAST CONC. FLARED END SECTION, 36"	-	-	-	-	-	705.43	W
118	143+52.64 (EB IL 16)	66.66' RT	INLET TY A, TY 8 F&G	707.46	-	-	-	-	705.65	N

STORM SEWER PIPE SCHEDULE (EB IL 16)						
PT	TO	PT	PIPE SLOPE	STORM SEWERS, CL A, TY 1, 15"	STORM SEWERS, CL A, TY 1, 36"	TRENCH BACKFILL
			%	FEET	FEET	CU YD
115	TO	116	0.10	-	60.3	0.0
116	TO	117	0.10	-	60.3	0.0
118	TO	116	1.00	19.4	-	4.1

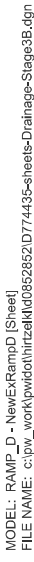
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE STAGE 3B: EB IL 16			
SCALE: 1"=20'	SHEET 14	OF 47 SHEETS	STA. 140+00.00 TO STA. 146+00.00

F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	493
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				





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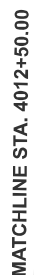
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE -		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
STAGE 3B: PR RAMP C

SCALE: 1"=20' SHEET 17 OF 47 SHEETS STA. 4006+50.00 TO STA. 4012+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	496
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

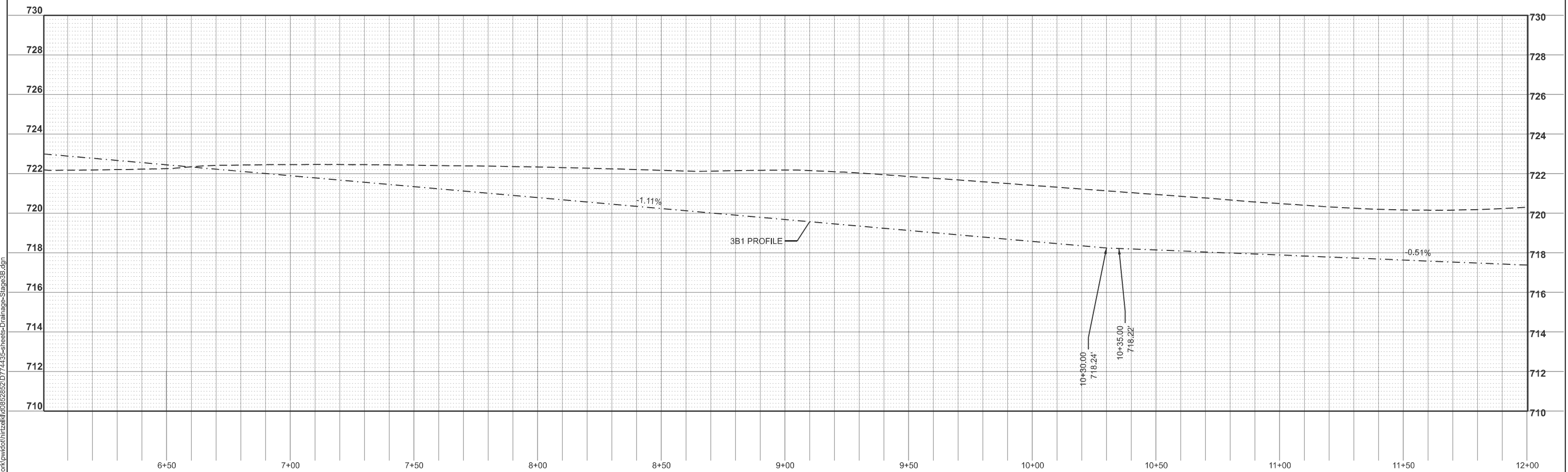
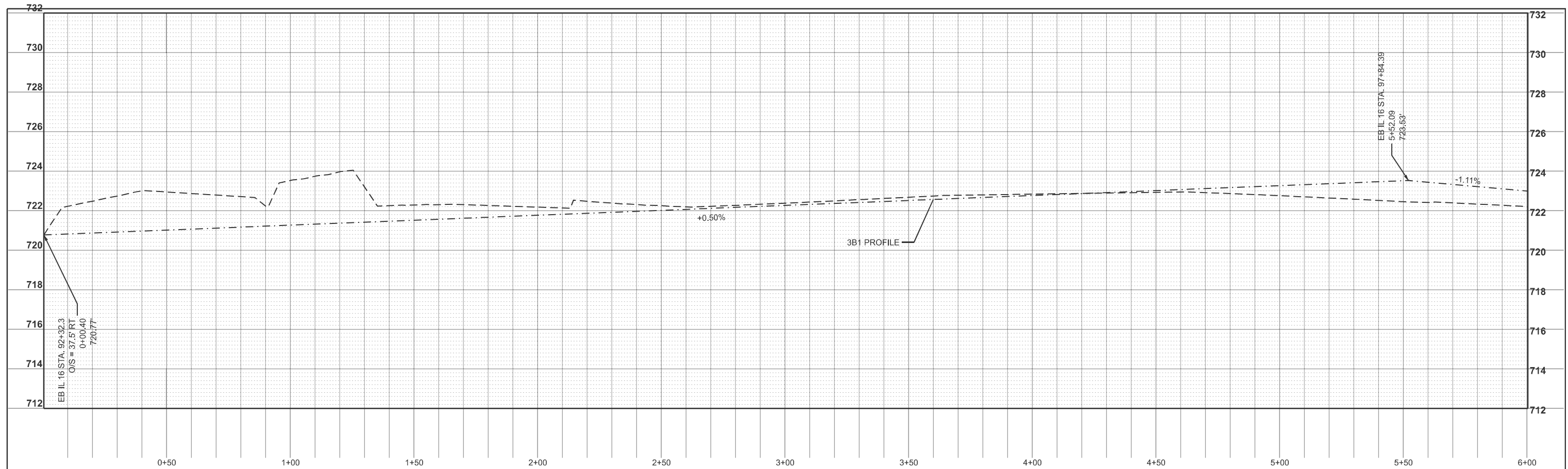
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE STAGE 3B: PR RAMP C

SCALE: 1"=20'	SHEET 18	OF 47	SHEETS	STA. 4012+50.00	TO STA. 4018+50.00
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	497
		CONTRACT NO. 74435		
ILLINOIS		FED. AID PROJECT		





MODEL: GeomScratch3 - 3B1 DITCH PROFILE [Sheet]
FILE NAME: c:\pw work\pwidot\hirtzel\kld0852852\D774435-sheets-Drainage-Stage3B.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE STAGE 3B: 3B1 DITCH PROFILE

SCALE: 1"=20'	SHEET 20	OF 47	SHEETS	STA. 0+00.40	TO STA. 12+00.40
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	499
		CONTRACT NO. 74435		
		ILLINOIS	FED. AID PROJECT	

