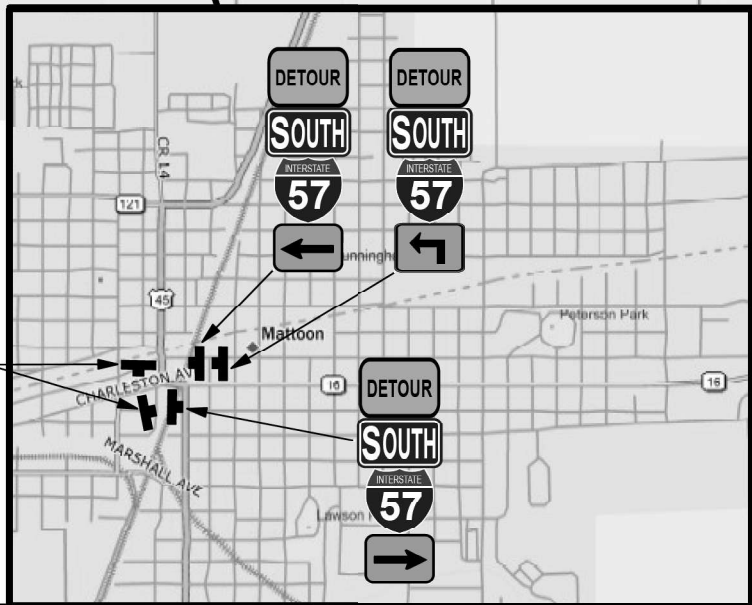


SB ENTRANCE RAMP CLOSURE

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.



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MODEL: Detour Signing Details-1 (Sheet)  
FILE NAME: c:\p\work\pwr\hrtz\hrtz\0852852\0774435-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

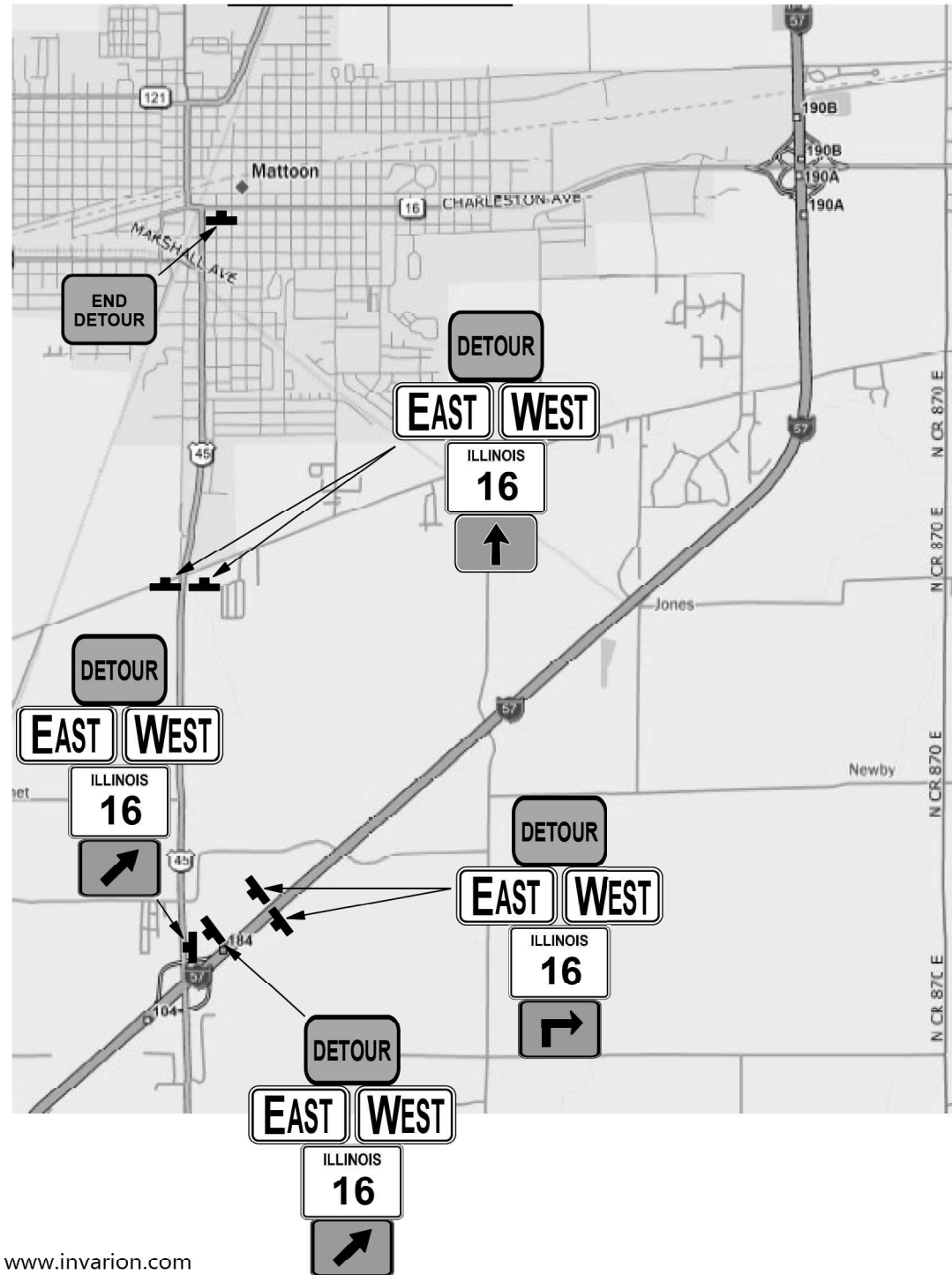
DETOUR SIGNING DETAILS

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

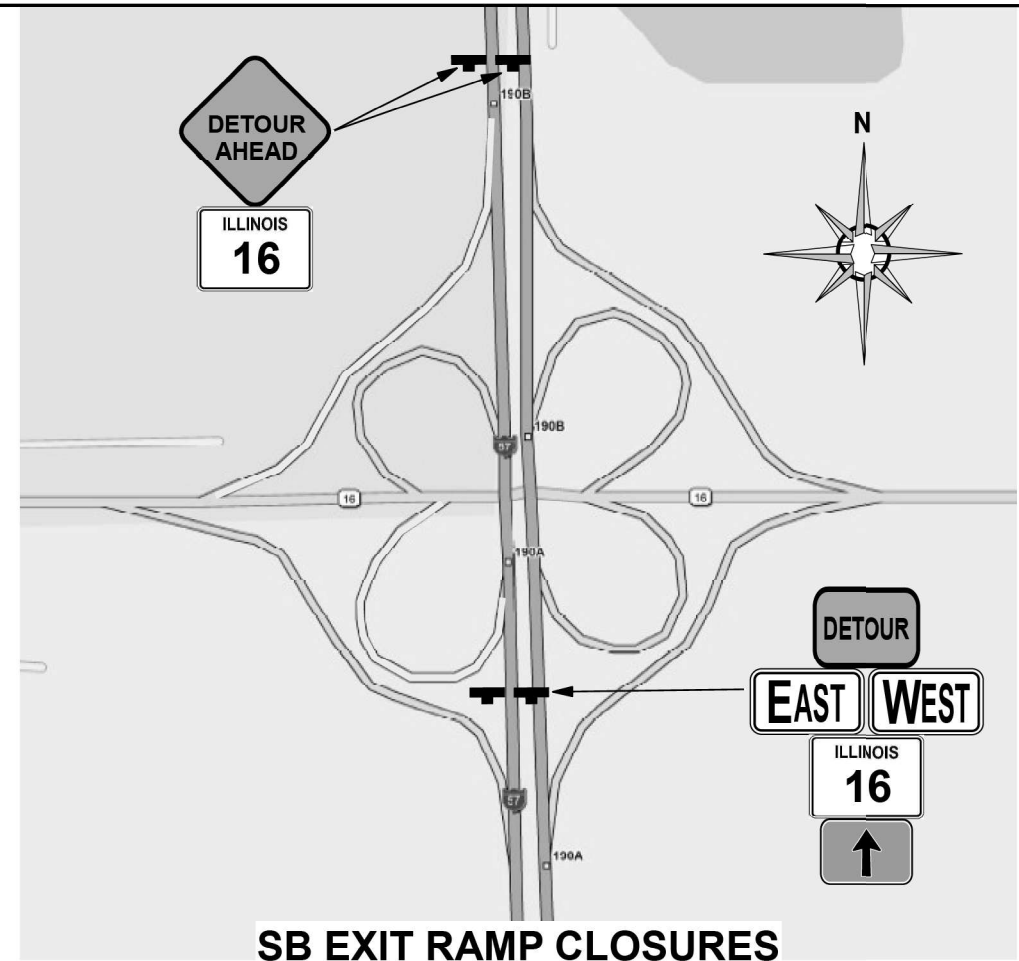
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	402
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



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



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SB EXIT RAMP CLOSURES

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

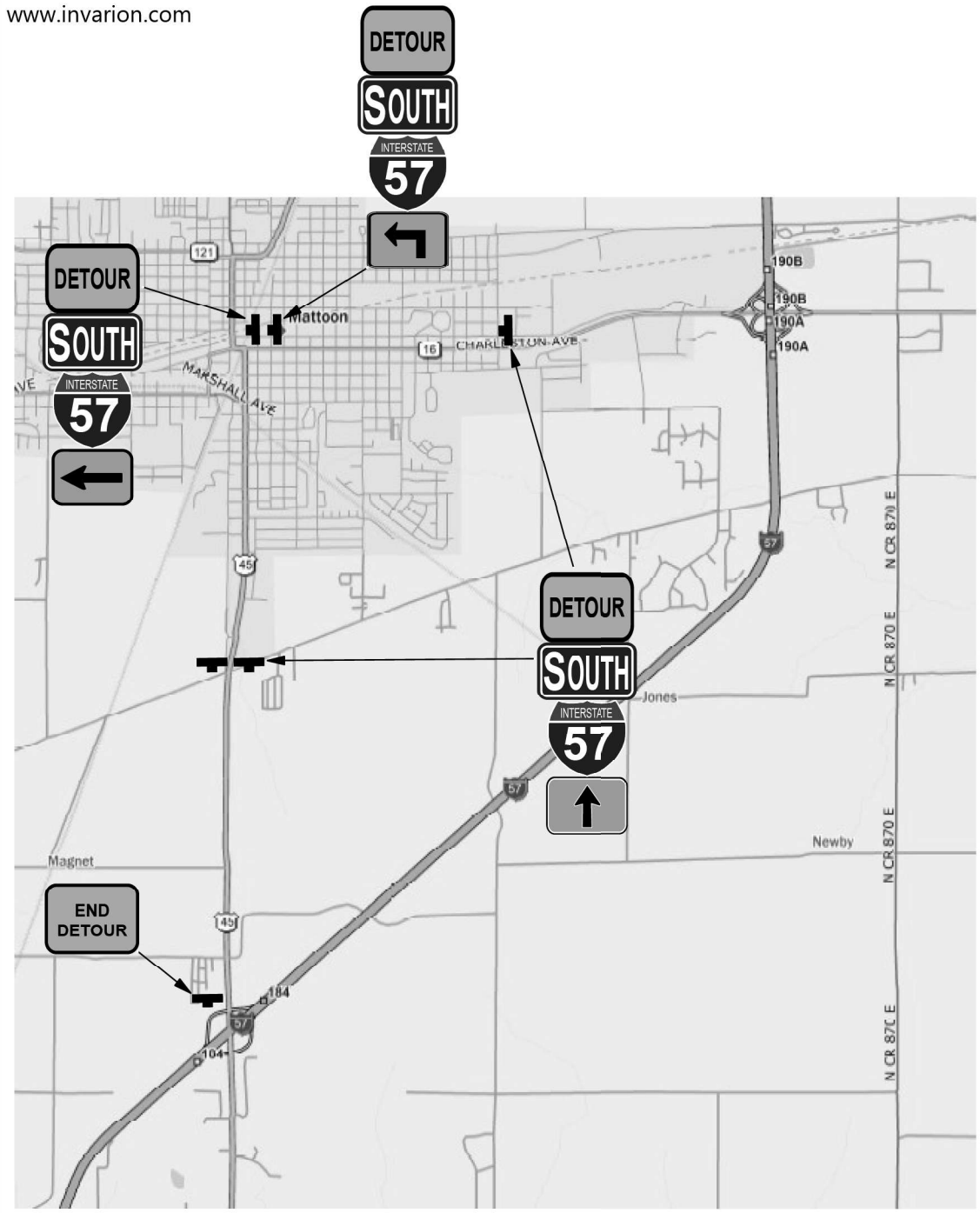
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING DETAILS

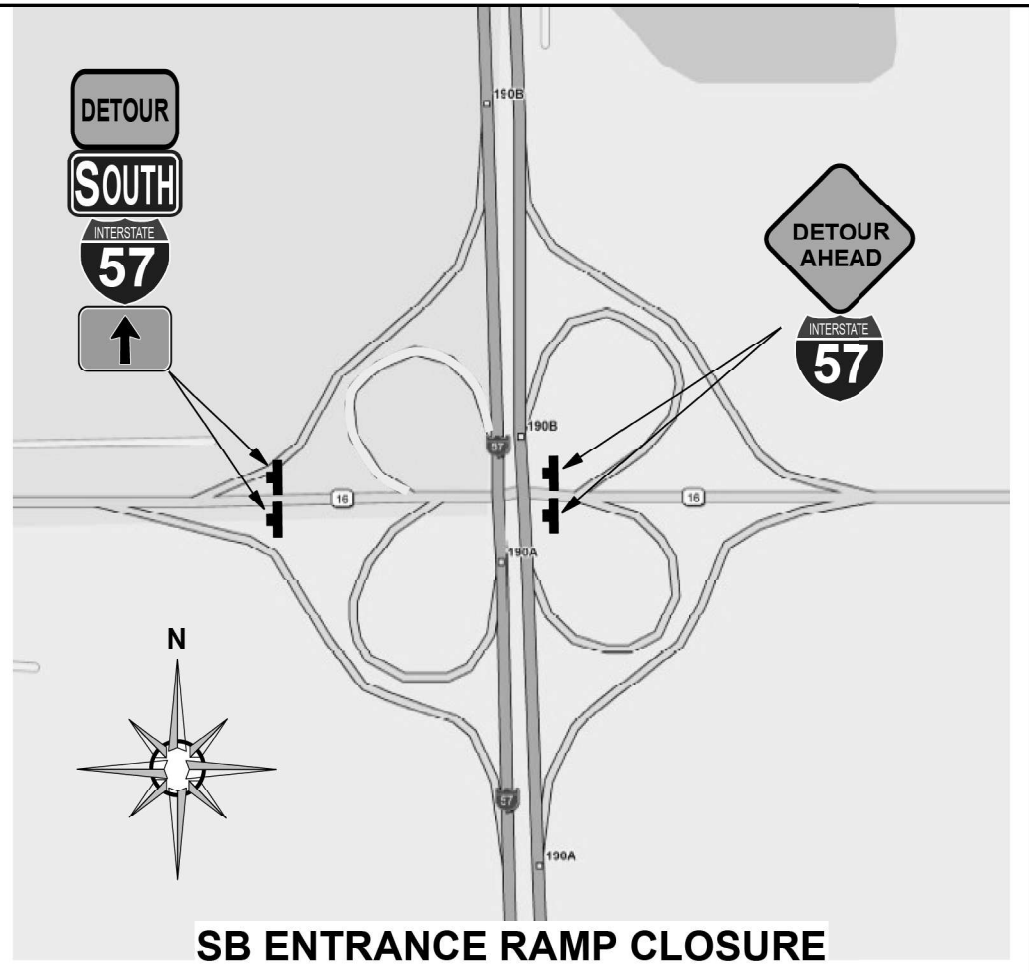
SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

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				




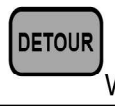
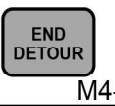


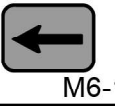




**Closure of Exit 190 Ramps shall be in conjunction with Standards 701451 & 701901.**



**SB ENTRANCE RAMP CLOSURE**

**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	

MODEL: Detour Signing Details-5 (Sheet)  
FILE NAME: c:\p\work\pwr\hrtz\hrtz\0852852\0774435-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 6 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	406
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



PIPE CULVERTS, TYPE 1 18" (TEMPORARY)  
 TRENCH BACKFILL, 7.1 CU YD  
 L = 92.2', SLOPE = -1.14%  
 STA. 107+87.6, RT O/S = 0.1', ELEVATION = 717.41  
 STA. 108+79.9, RT O/S = 0.5', ELEVATION = 716.36

PIPE CULVERTS, TYPE 1 36" (TEMPORARY)  
 TRENCH BACKFILL, 4.2 CU YD  
 STA. 9003+84.3, L = 61.8', SLOPE = -0.05%  
 LT O/S = 44.0', ELEVATION = 715.46  
 RT O/S = 17.7', ELEVATION = 715.15

PIPE CULVERTS, TYPE 2 15" (TEMPORARY)  
 TRENCH BACKFILL, 12.1 CU YD  
 STA. 6002+77.4, L = 63.3', SLOPE = -1.43%  
 RT O/S = 38.8', ELEVATION = 715.14  
 LT O/S = 24.5', ELEVATION = 714.24

PIPE CULVERTS, TYPE 1 36" (TEMPORARY)  
 TRENCH BACKFILL, 4.2 CU YD  
 STA. 9003+87.4, L = 62.9', SLOPE = -0.05%  
 LT O/S = 45.1', ELEVATION = 715.47  
 RT O/S = 17.7', ELEVATION = 715.15

NW TEMPORARY RAMP

SW TEMPORARY RAMP

WB IL 16

EB IL 16

MODEL: NW Temp Ramp - NW SW Temp Ramps (Sheet)  
 FILE NAME: c:\p\work\hrtz\hrtz\10852852\07\4435-sheets-Drainage-Pre-Stage.dgn

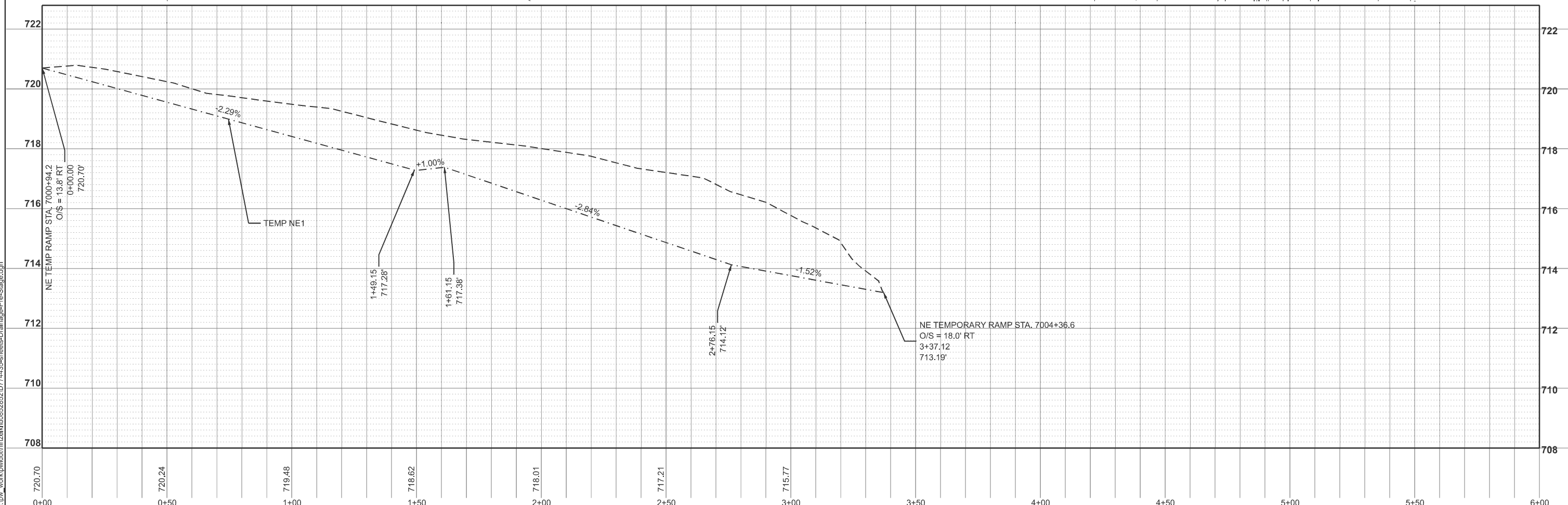
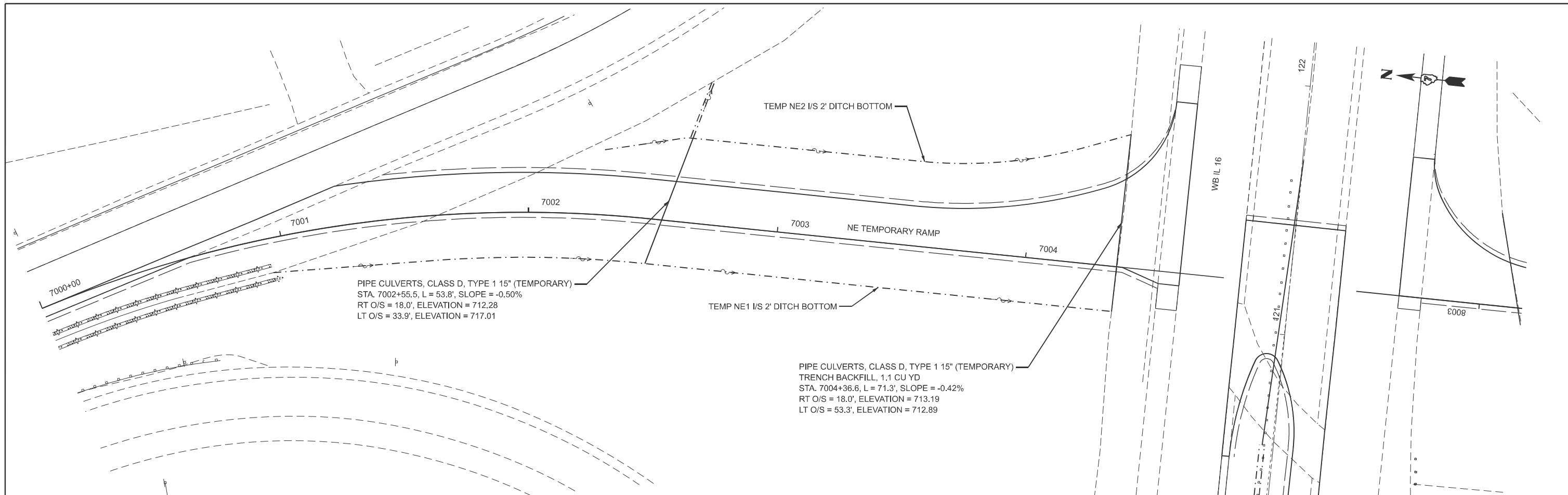
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 6001+00.00 TO STA. 6007+00.00

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)  
 FILE NAME: c:\p\work\hartzel\hartzel\062822\074435-sheets-Drainage-Pre-Stage.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SSCALE\$	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 2 OF 7 SHEETS    STA. 7000+00.00 TO STA. 7006+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	408
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: G:\DB\02-TEMP NE2 (Sheet)  
 FILE NAME: c:\p\work\hertz\hertz\0852852\074435-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: 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				



PIPE CULVERTS, TYPE 1 15" (TEMPORARY)  
 L = 115.4', SLOPE = -0.45%  
 STA. 120+55.0, LT O/S = 4.5', ELEVATION = 714.02  
 STA. 121+70.3, RT O/S = 0.4', ELEVATION = 713.50

PIPE CULVERTS, TYPE 2 24" (TEMPORARY)  
 TRENCH BACKFILL, 5.8 CU YD  
 STA. 8002+84.6, L = 55.2', SLOPE = -0.75%  
 LT O/S = 16.2', ELEVATION = 710.73  
 RT O/S = 37.1', ELEVATION = 710.32

PIPE CULVERTS, TYPE 2 15" (TEMPORARY)  
 TRENCH BACKFILL, 9.0 CU YD  
 STA. 8001+60.6, L = 120.2', SLOPE = -0.99%  
 LT O/S = 14.7', ELEVATION = 713.58  
 RT O/S = 30.0', ELEVATION = 712.39

SE TEMPORARY RAMP

MODEL: SE Temp Ramp - SE TEMP RAMP (Sheet)  
 FILE NAME: c:\p\work\hrtz\hrtz\ktd0852852\074435-sheets-Drainage-Pre-Stage.dgn

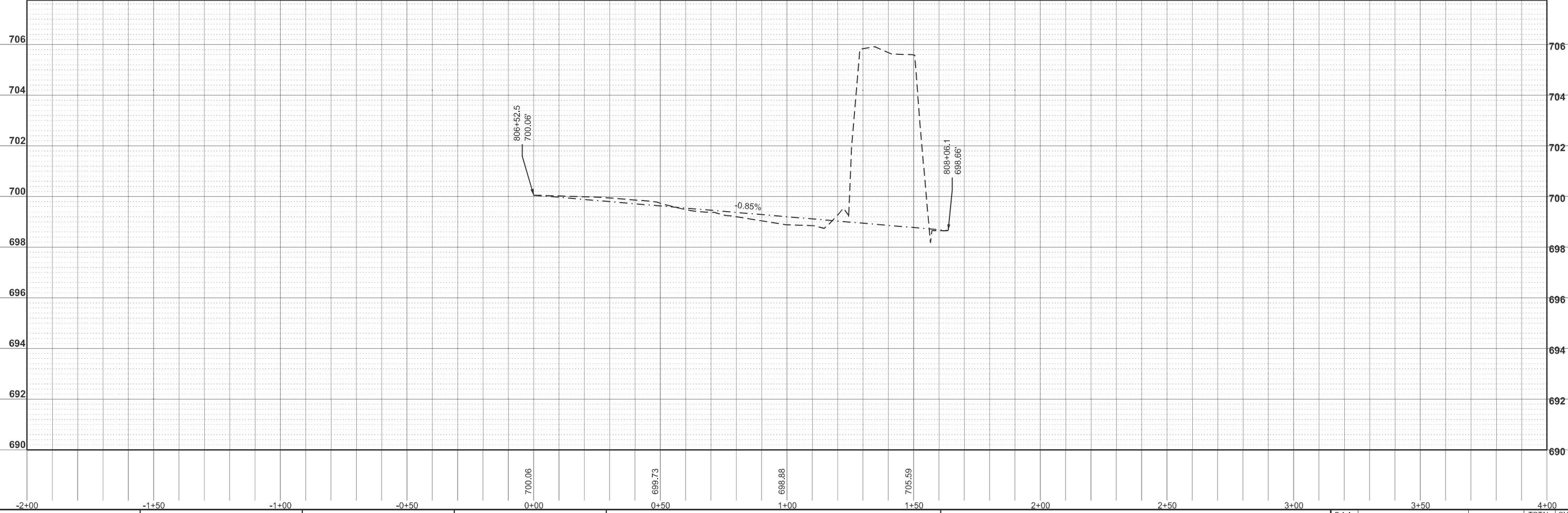
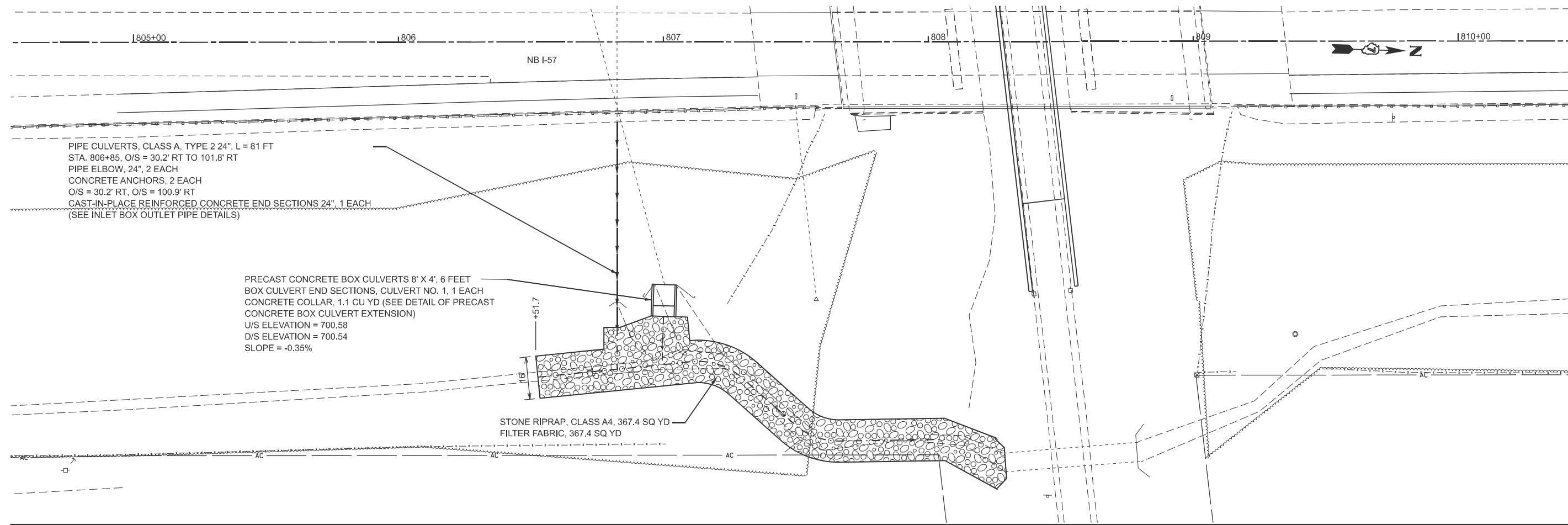
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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = 8/20/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**PRE-STAGE: SE TEMPORARY RAMP**

SCALE: 1"=20'      SHEET 4    OF 7    SHEETS    STA. 8000+00.00    TO STA. 8004+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	410
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: DrainP6 - NB57 RT DITCH-2 (Sheet)  
 FILE NAME: c:\p\work\hartzel\10852852\074435-sheets\Drainage-Pre-Stage.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 2/23/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
PRE-STAGE: NB I-57**

SCALE: 1"=20'      SHEET 5 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	411
CONTRACT NO. 74435				

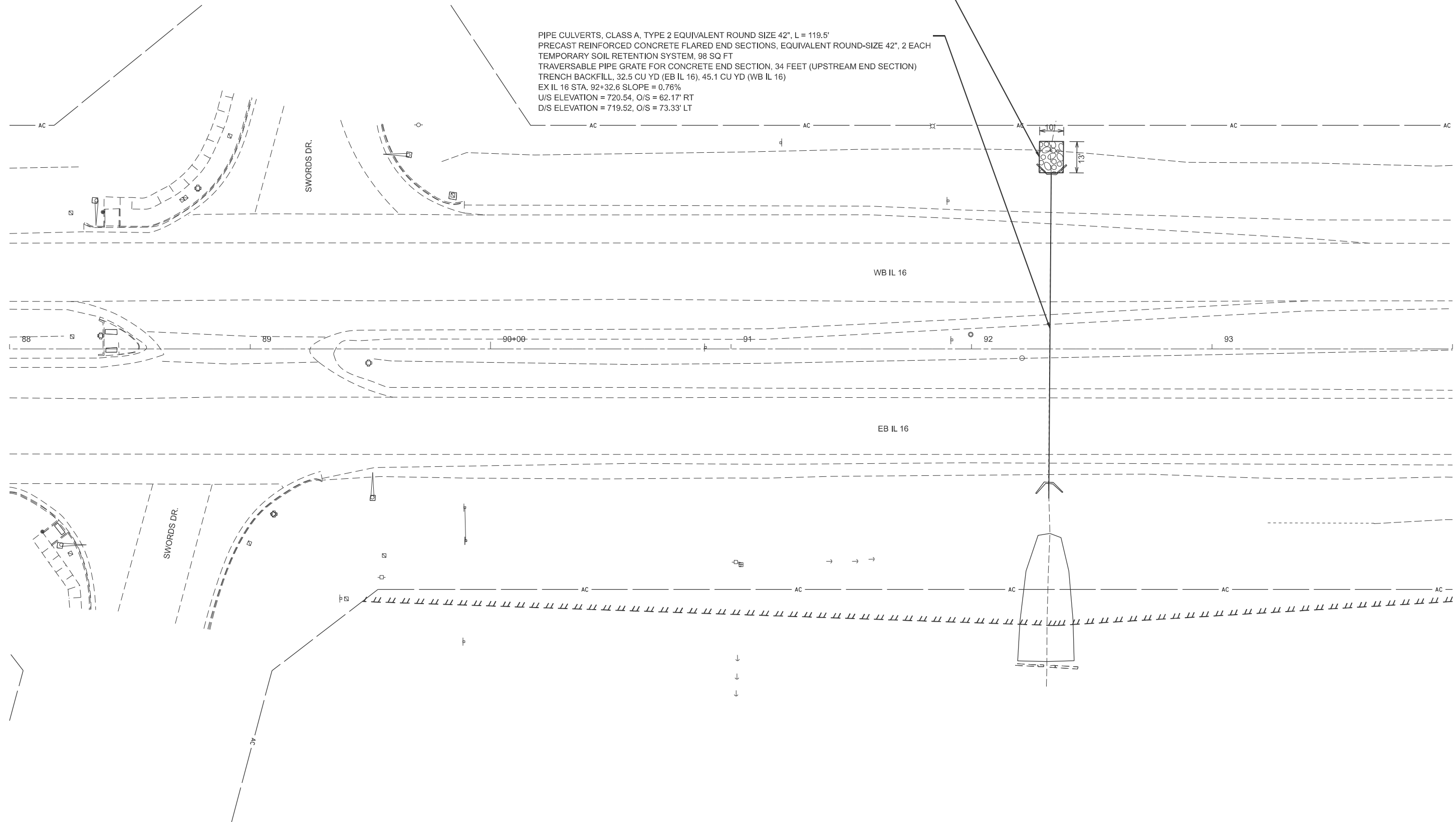
ILLINOIS FED. AID PROJECT





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



MODEL: Ex IL 17 - IL 16 - 42in ERS Pipe (Sheet)  
 FILE NAME: c:\pdx\work\hartzel\hartzel\0852852\0774435-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 -

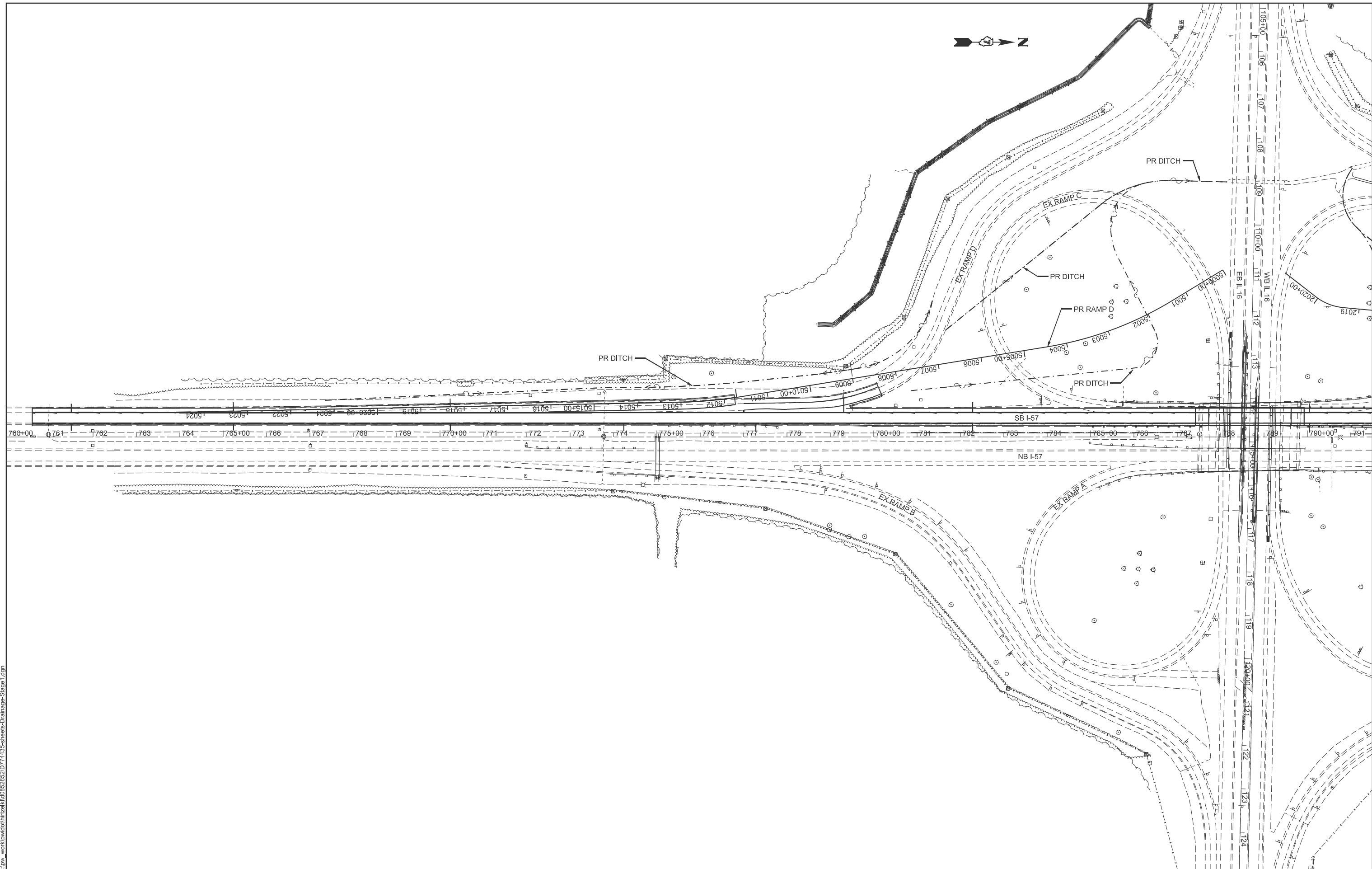
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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\hrtz\kld0852852\0774435-sheets-Drainage-Stage1.dgn



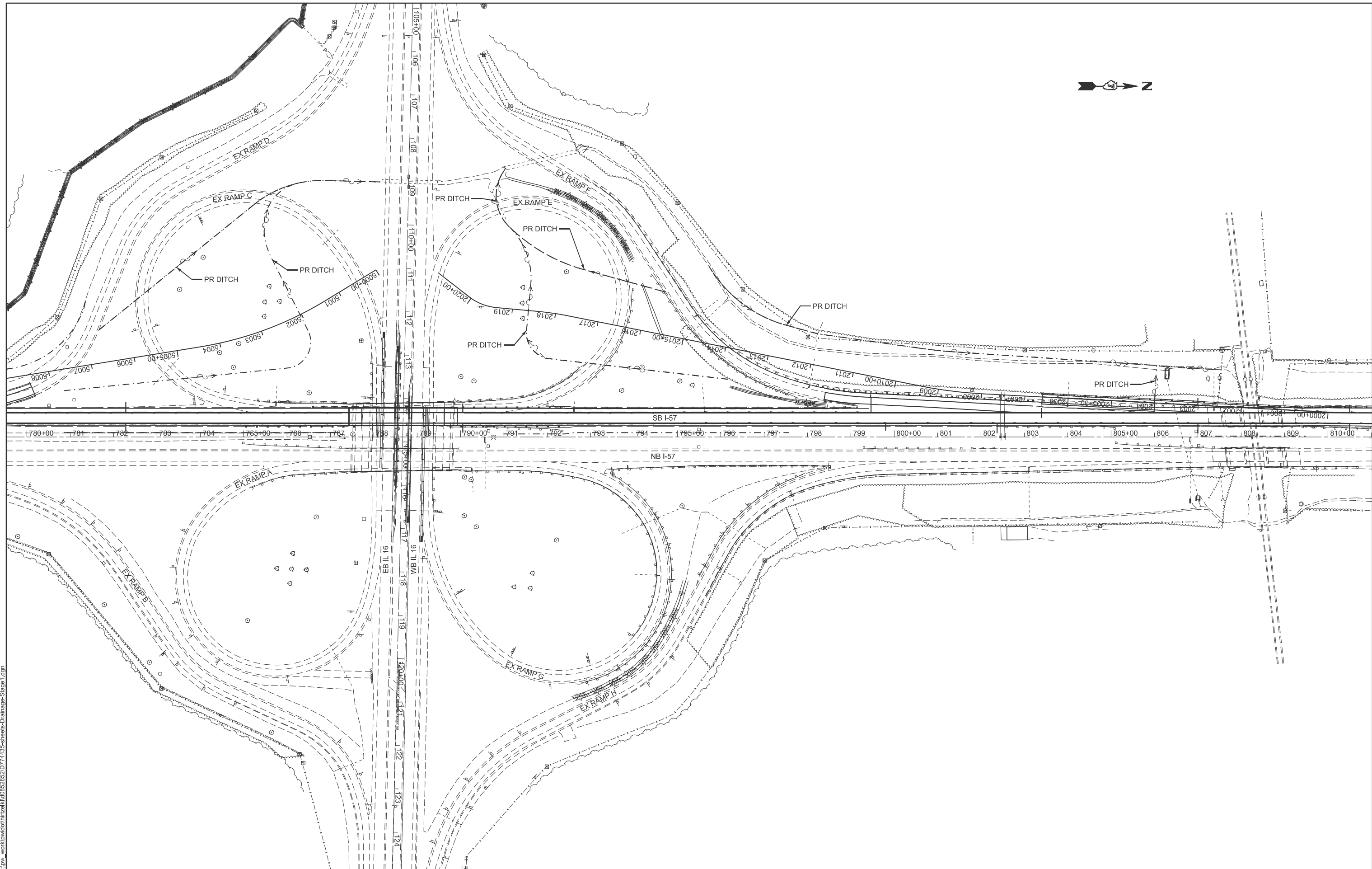
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 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\hrtz\kud0852852\0774435-sheets-Drainage-Stage1.dgn

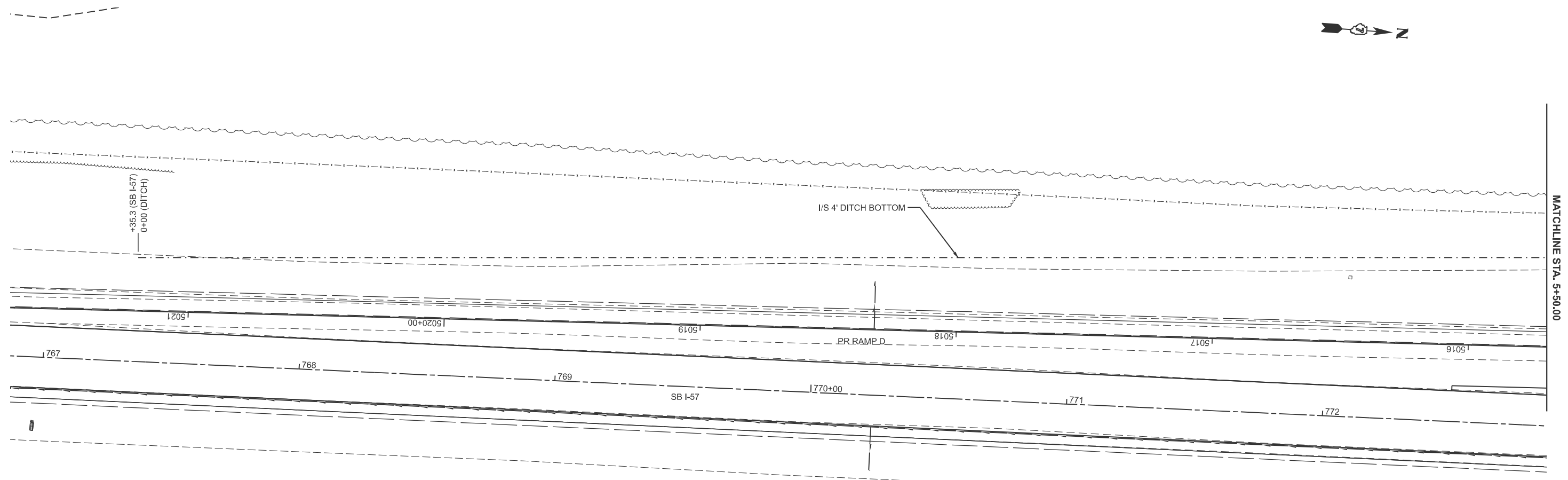
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

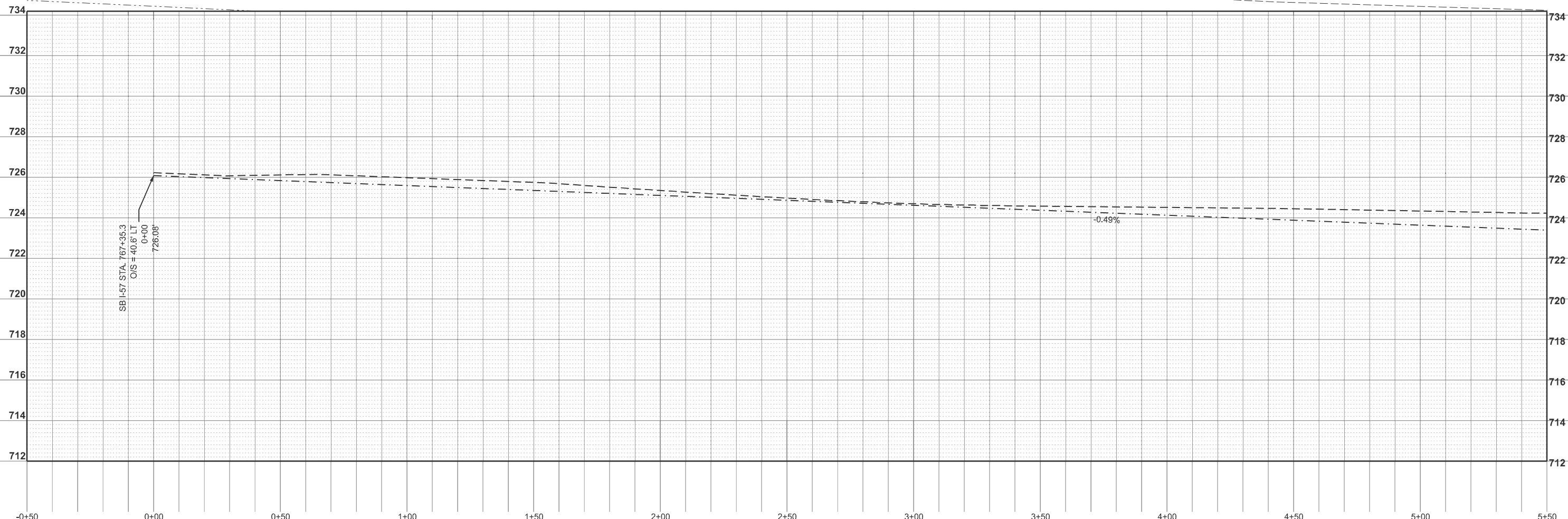
**DRAINAGE PLAN & PROFILE**  
**STAGE 1: NORTH OVERALL VIEW**

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

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



MATCHLINE STA. 5+50.00



MODEL: GRDB011 - SB I-57 LT Ditch Plan (Sheet)  
FILE NAME: c:\p\work\hartzel\1052852\074435-sheets-Drainage-Stage1.dgn

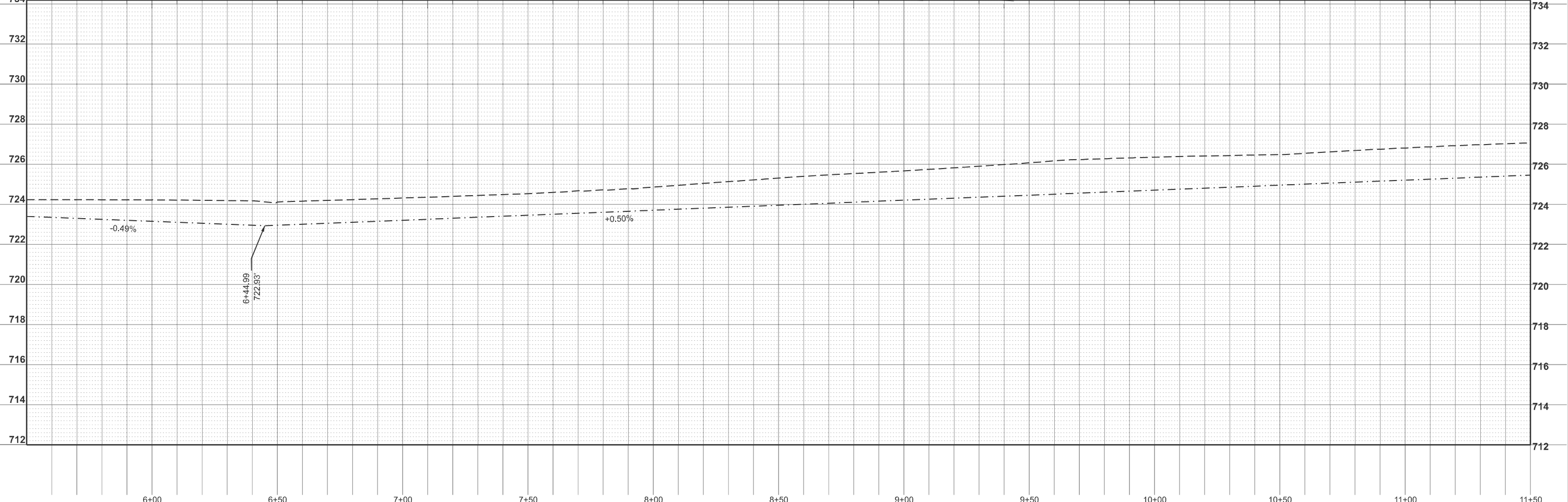
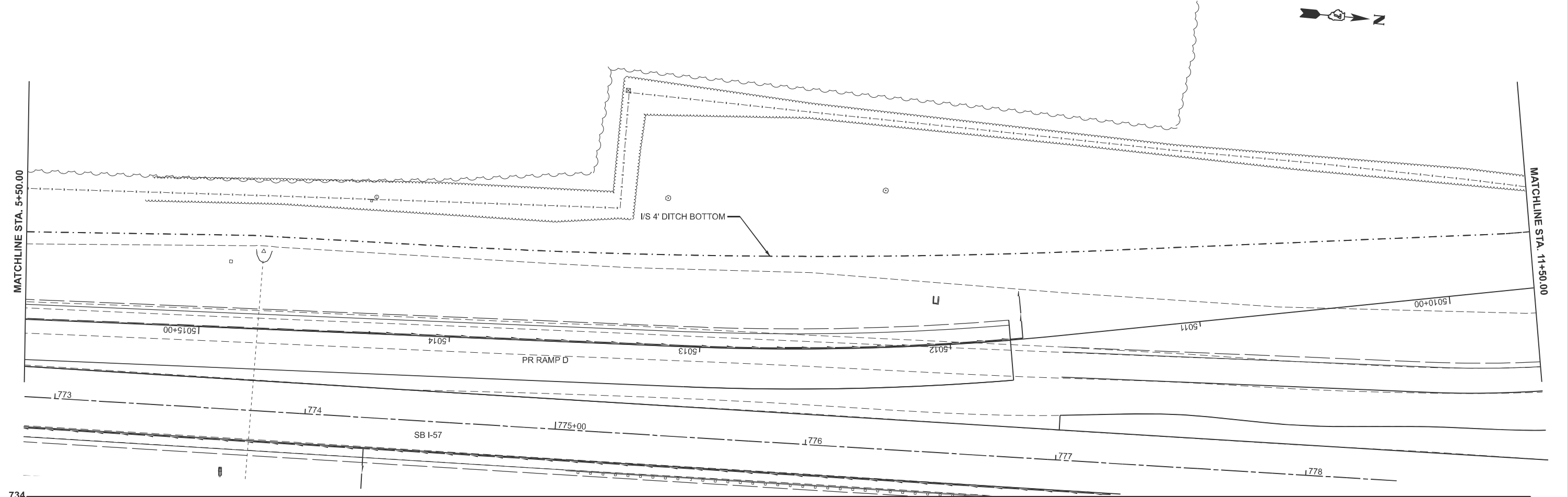
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
STAGE 1: SB I-57 & PR RAMP 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: C:\p0111 - S SB 57 LT Ditch Plan-1 (Sheet)  
FILE NAME: c:\p0111\work\hartzel\10062852\074435-sheets\Drainage-Stage1.dgn

6+00	6+50	7+00	7+50	8+00	8+50	9+00	9+50	10+00	10+50	11+00	11+50
USER NAME = kaleb.hirtzel	DESIGNED -	REvised -									
	DRAWN -	REvised -									
PLOT SCALE = \$SSCALE\$	CHECKED -	REvised -									
PLOT DATE = 8/20/2024	DATE -	REvised -									

STATE OF ILLINOIS  
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**DRAINAGE PLAN & PROFILE**  
**STAGE 1: SB I-57 & PR RAMP D**

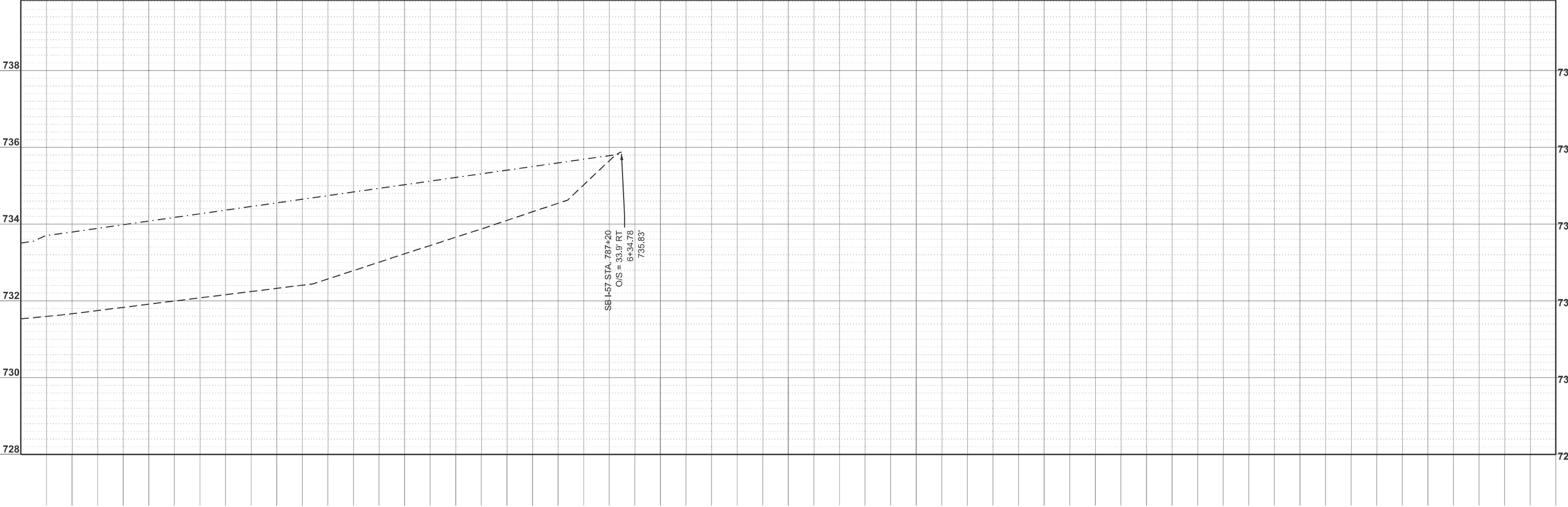
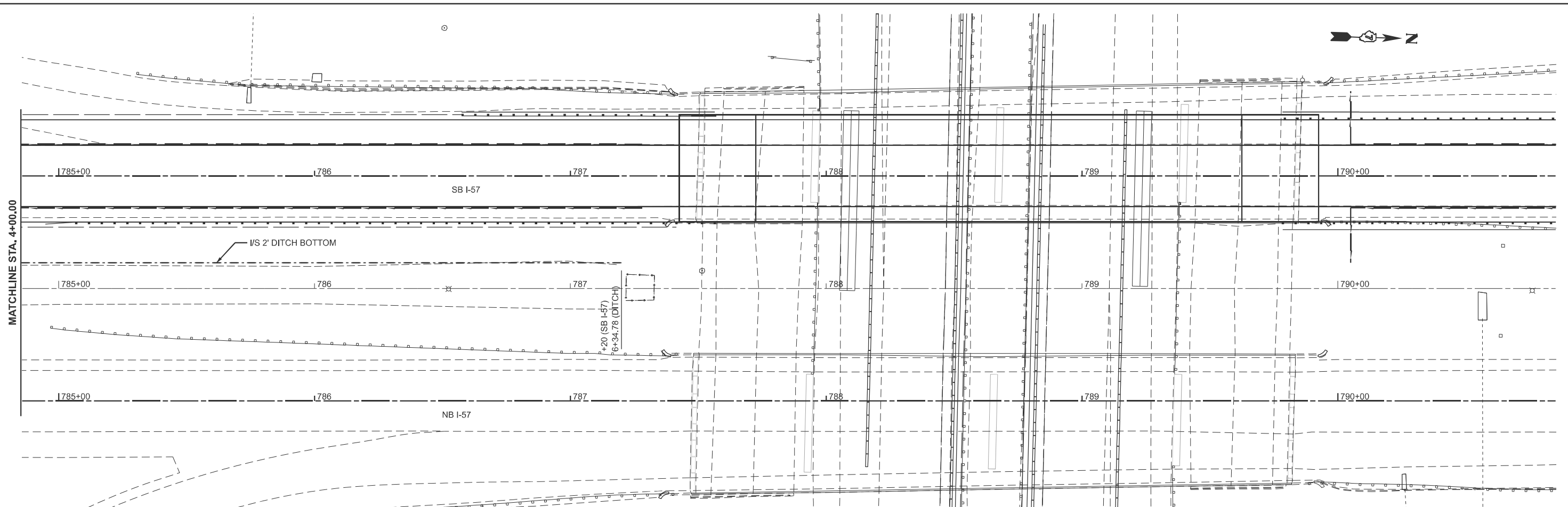
SCALE: 1"=20'      SHEET 4 OF 21 SHEETS      STA. 772+87.5 TO STA. 778+98

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 5857 MEDIAN - S 5857 MEDIAN DITCH PLAN-3 [Sheet]  
 FILE NAME: c:\p\work\hartzel\hartzel\0852852\077435-sheets-Drainage-Stage1.dgn



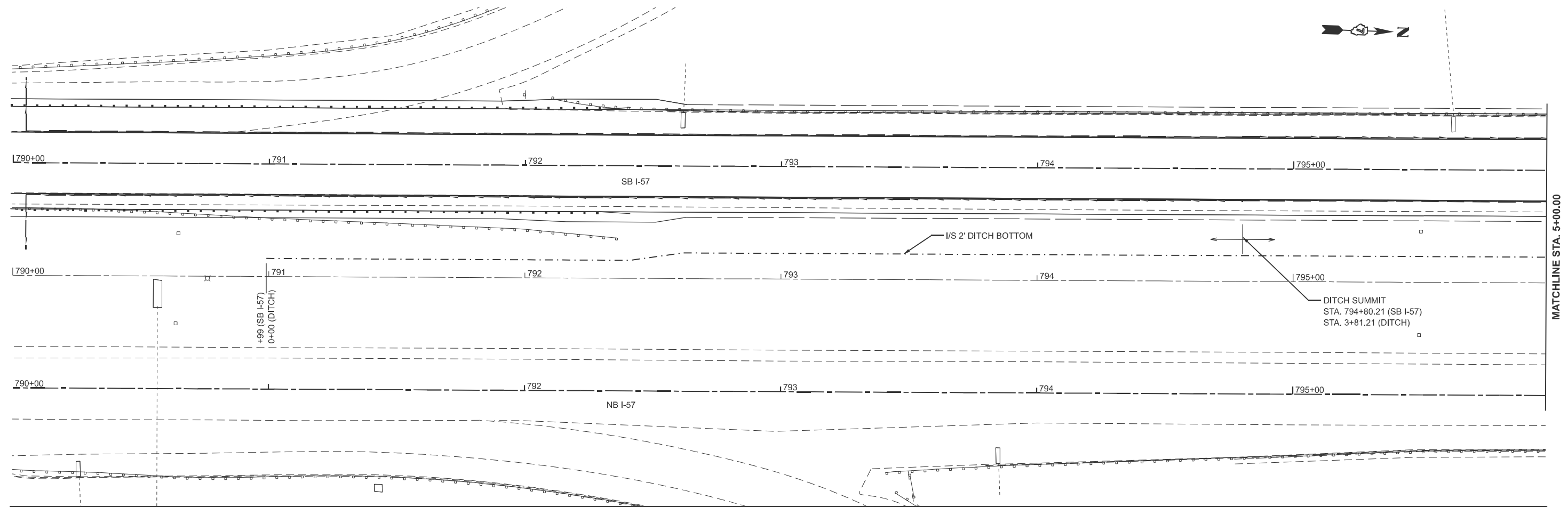
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DRAWN -	REVISOR -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISOR -
PLOT DATE = 8/20/2024	DATE -	REVISOR -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

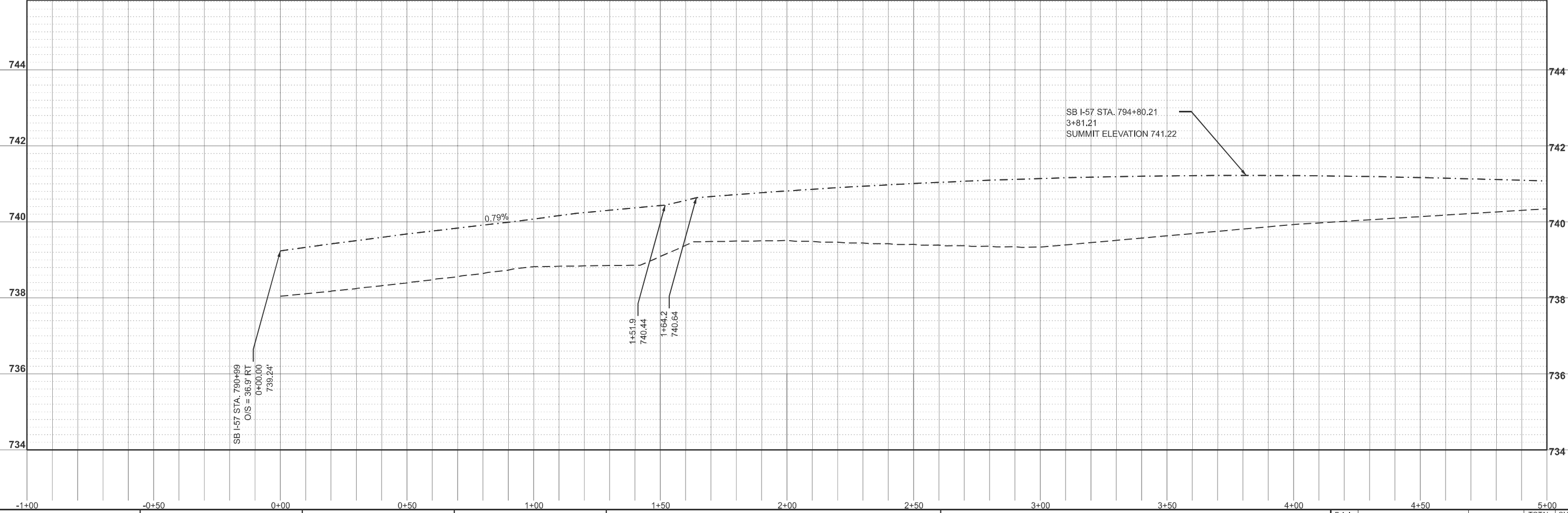
DRAINAGE PLAN & PROFILE  
 STAGE 1: SB I-57

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				



MATCHLINE STA. 5+00.00



MODEL: N SB57 MEDIAN DITCH - N SB57 MEDIAN DITCH PLAN (Sheet)  
FILE NAME: c:\p\work\hrtz\hrtz\10862852\074435-sheets\Drainage-Stage1.dgn

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

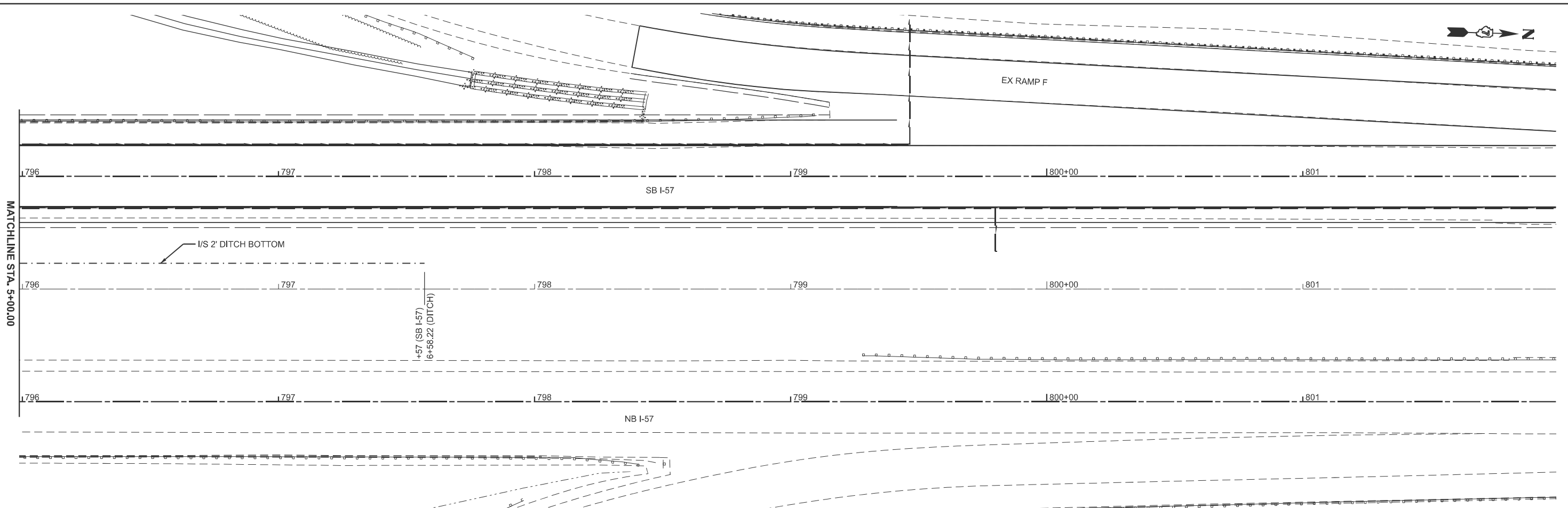
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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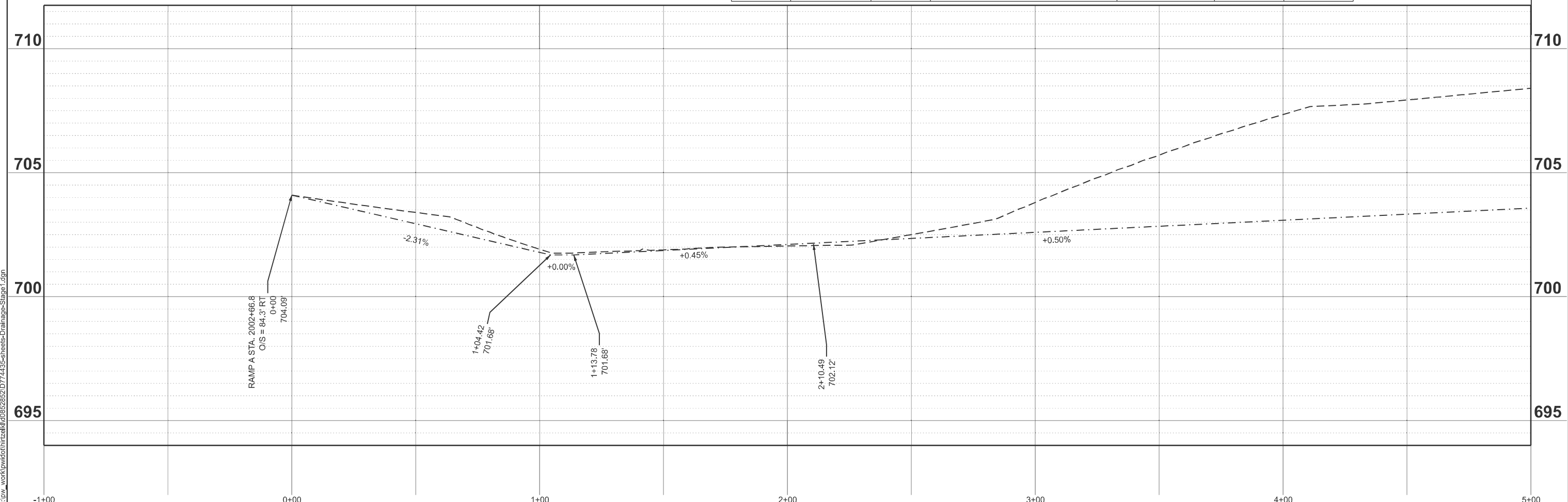
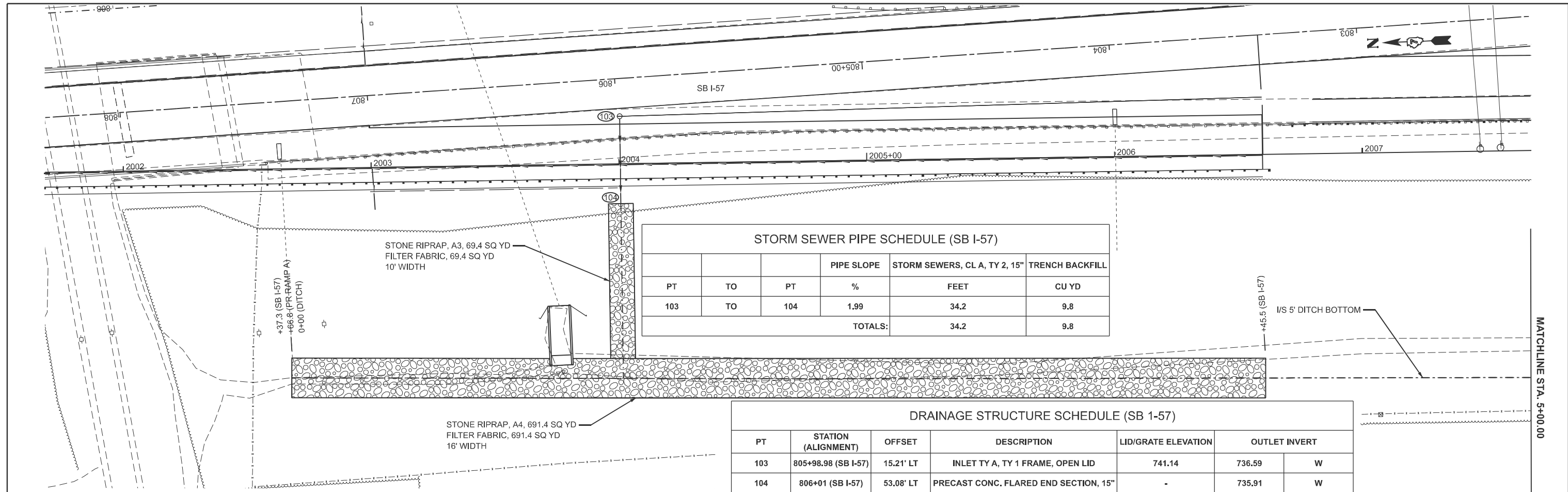
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DRAWN -	REVISED -	
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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 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)  
 FILE NAME: c:\p\work\hartzel\hartzel\0852852\074435-sheets-Drainage-Stage1.dgn

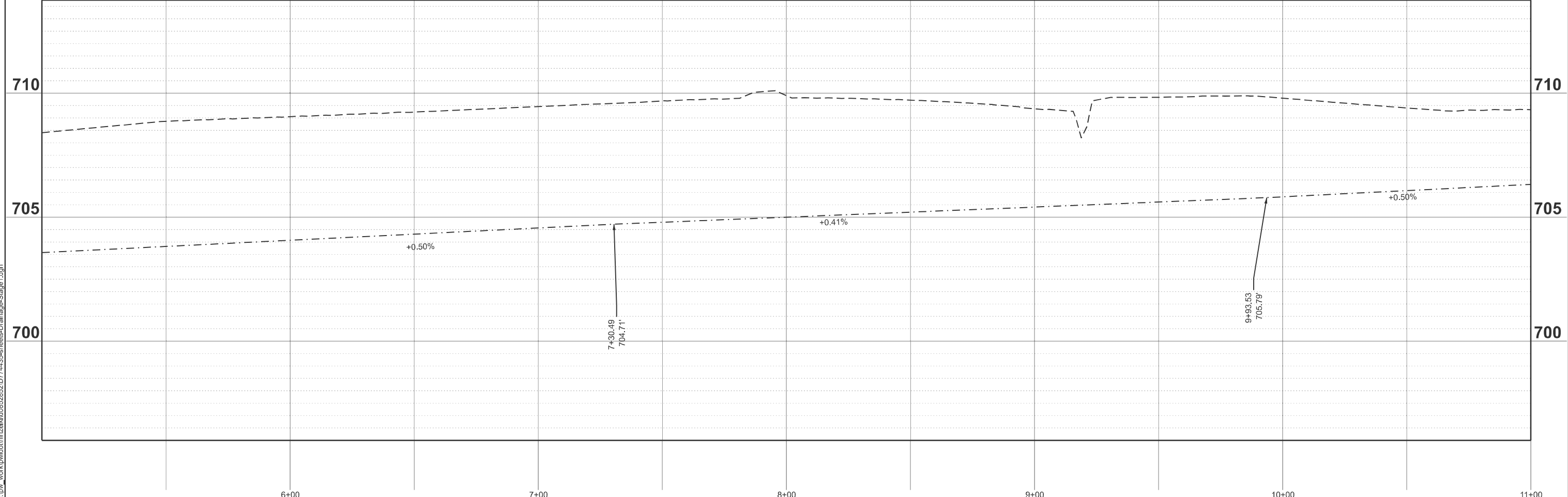
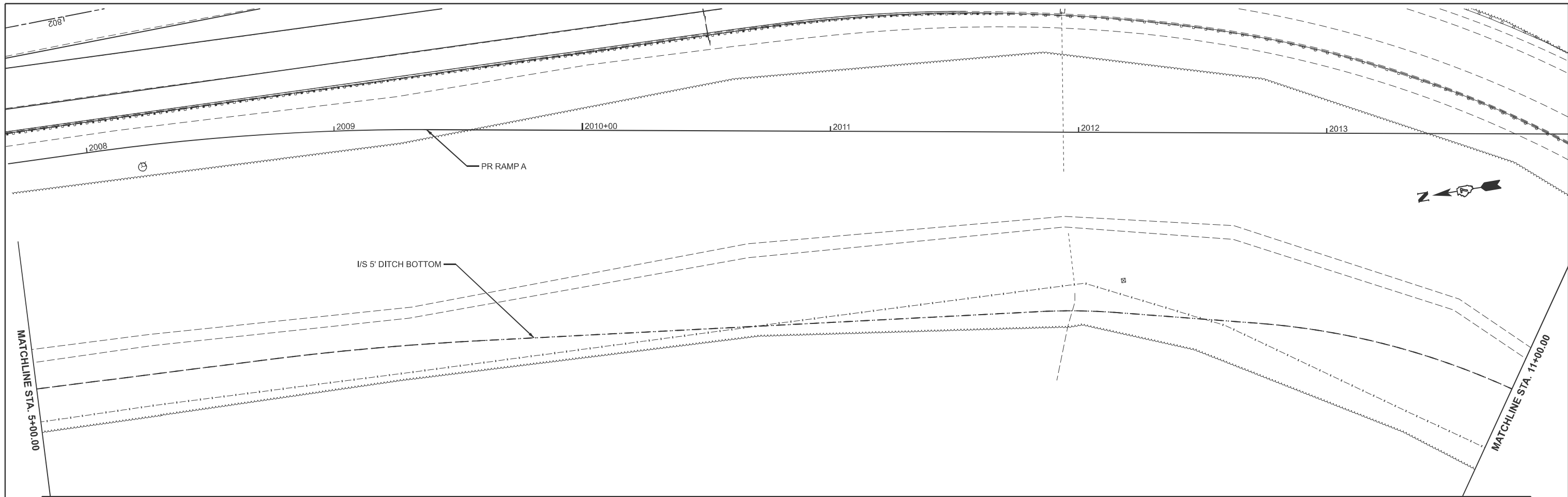
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
PLOT SCALE = \$SSCALE\$	DRAWN -	REVISED -
PLOT DATE = 8/20/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=20'      SHEET 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 SB57 LT DITCH PLAN-1-1 (Sheet)  
 FILE NAME: c:\p\work\hrtz\hrtz\10685282\0774435-sheets-Drainage-Stage1.dgn

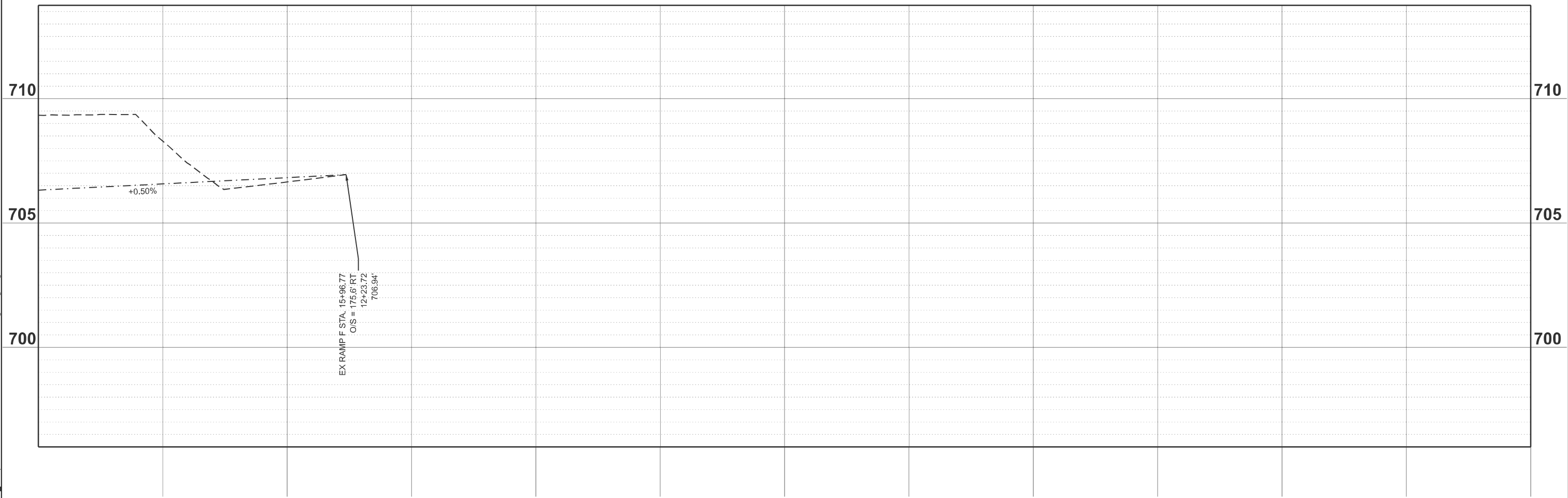
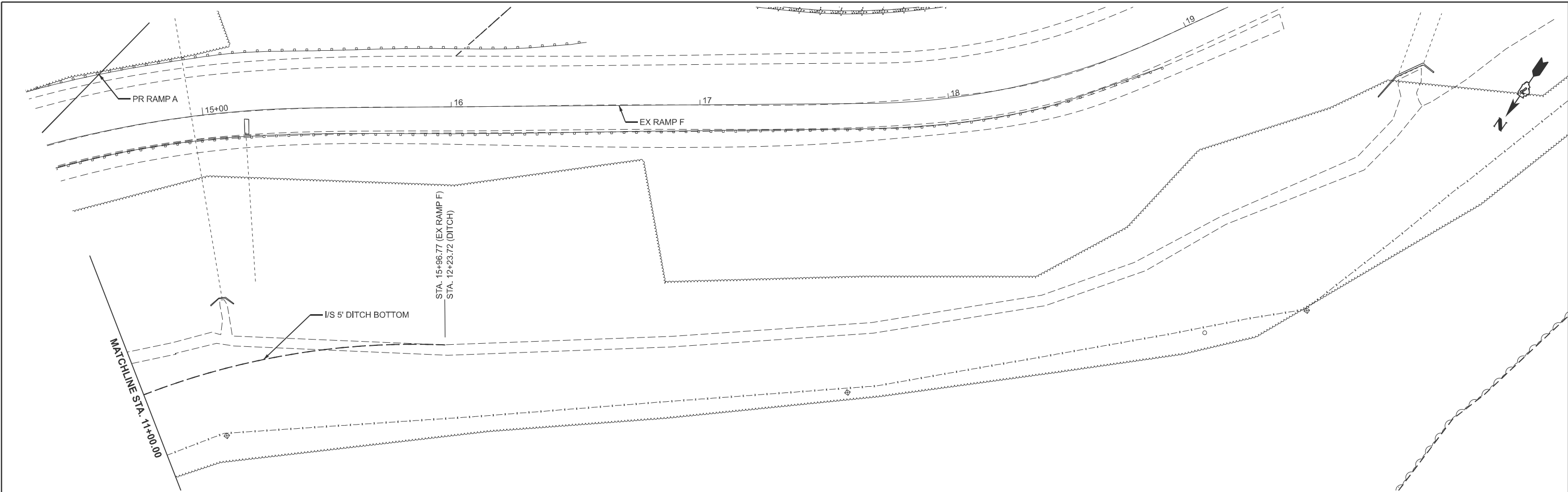
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
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PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=20'      SHEET 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)  
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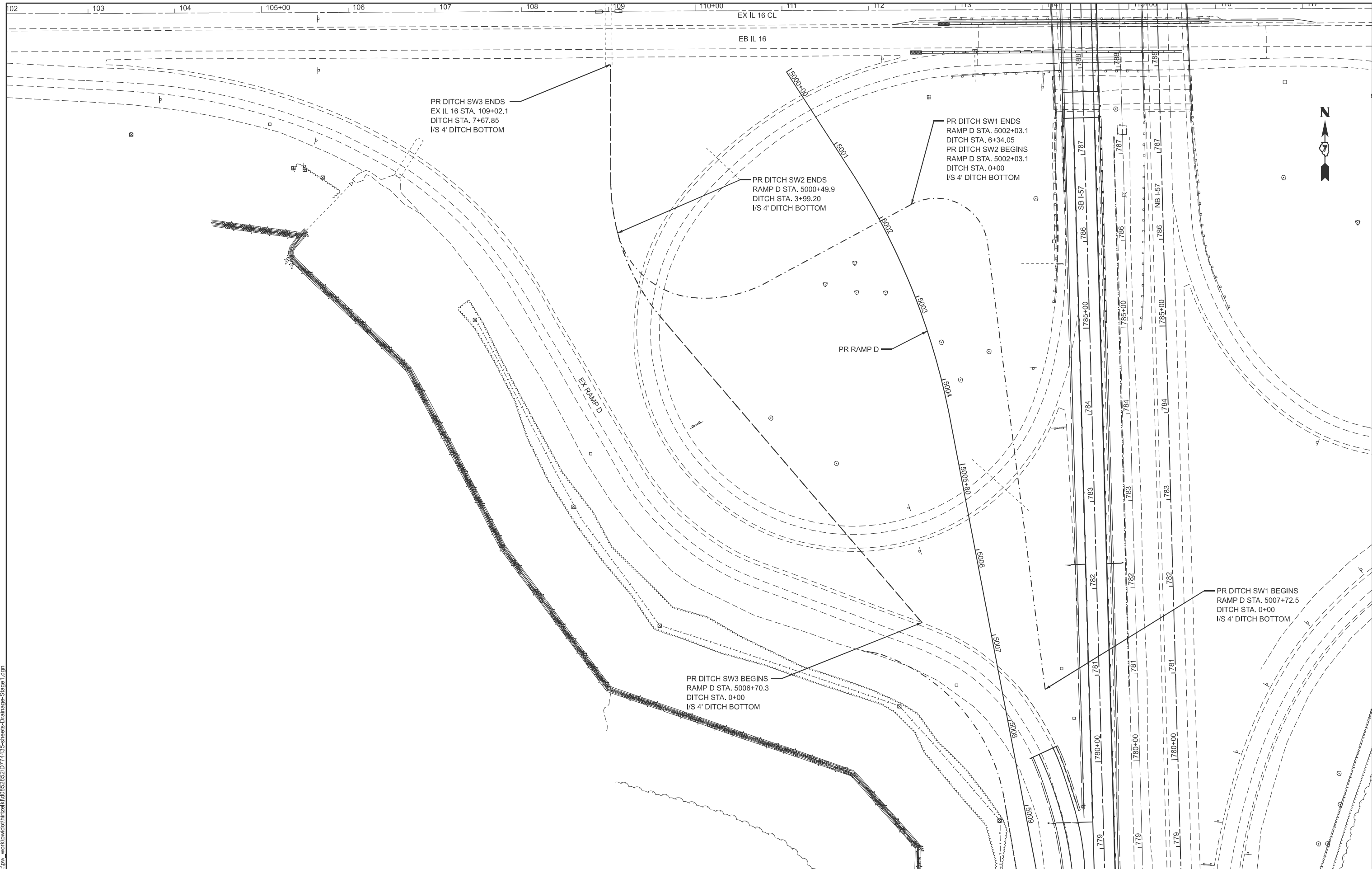
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 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				



PR DITCH SW3 ENDS  
EX IL 16 STA. 109+02.1  
DITCH STA. 7+67.85  
1/S 4' DITCH BOTTOM

PR DITCH SW2 ENDS  
RAMP D STA. 5000+49.9  
DITCH STA. 3+99.20  
1/S 4' DITCH BOTTOM

PR DITCH SW1 ENDS  
RAMP D STA. 5002+03.1  
DITCH STA. 6+34.05  
PR DITCH SW2 BEGINS  
RAMP D STA. 5002+03.1  
DITCH STA. 0+00  
1/S 4' DITCH BOTTOM

PR RAMP D

PR DITCH SW3 BEGINS  
RAMP D STA. 5006+70.3  
DITCH STA. 0+00  
1/S 4' DITCH BOTTOM

PR DITCH SW1 BEGINS  
RAMP D STA. 5007+72.5  
DITCH STA. 0+00  
1/S 4' DITCH BOTTOM



MODEL: SW QUADRANT DRAINAGE (Sheet)  
FILE NAME: c:\p\work\hartzel\10852852\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**

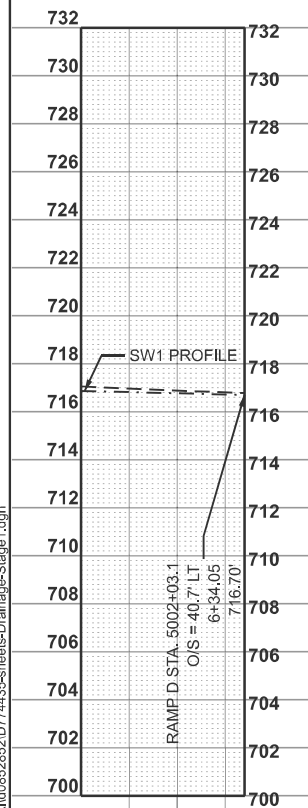
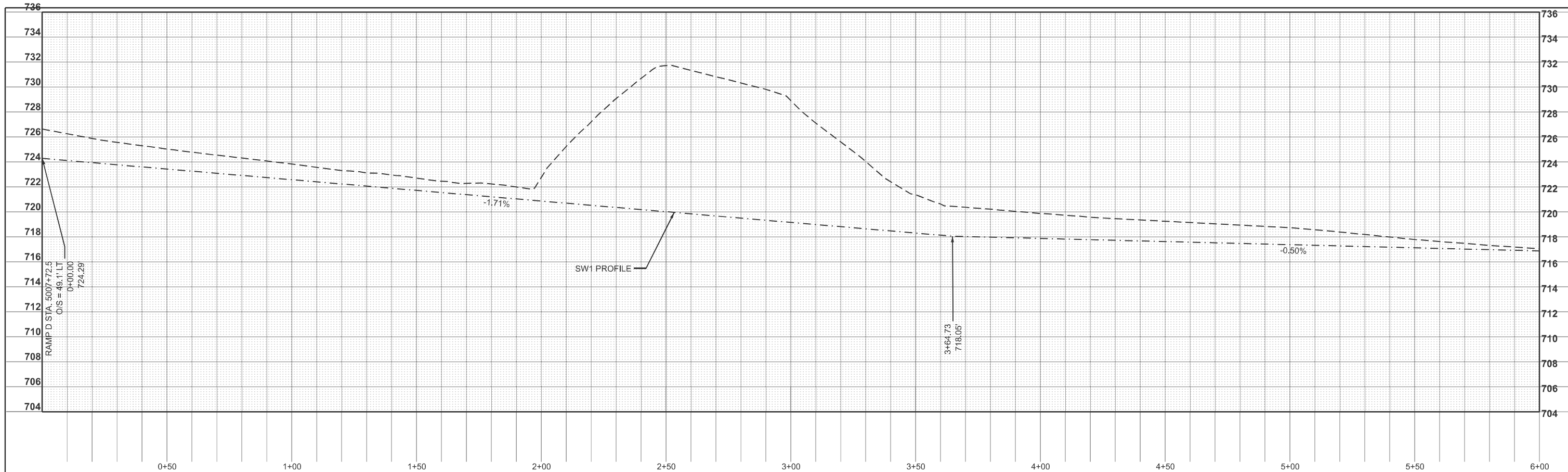
**DRAINAGE PLAN & PROFILE  
STAGE 1: SW INTERCHANGE QUADRANT**

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: SW1 Profile - SW1 Profile (Sheet)  
FILE NAME: c:\p\work\sw1\hrtz\hrtz\10852852\074435-sheets-Drainage-Stage1.dgn

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

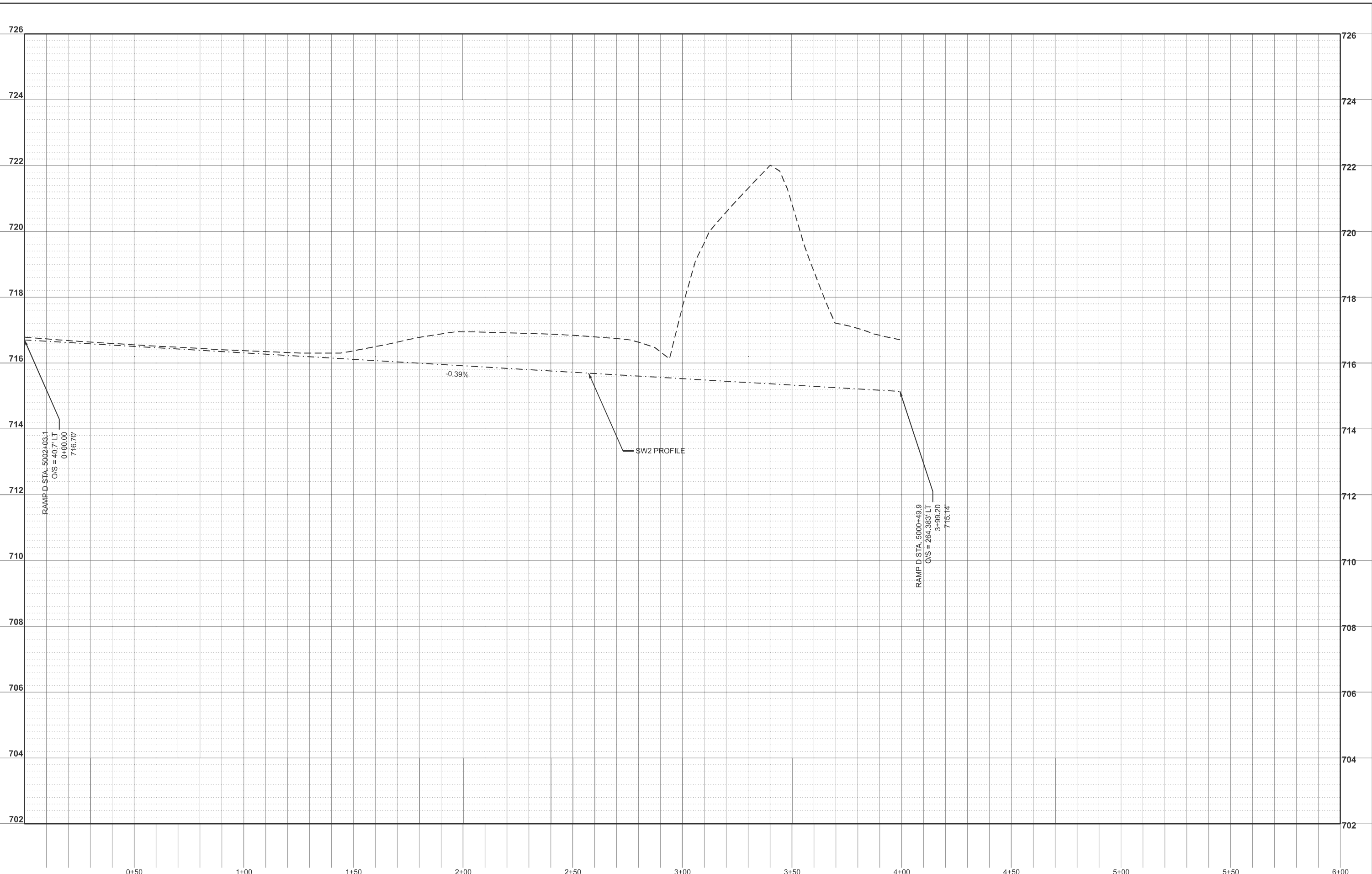
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE  
STAGE 1: SW INTERCHANGE QUADRANT

SCALE: 1"=20' SHEET 14 OF 21 SHEETS STA. 0+00.00 TO STA. 6+34.05

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	427
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: SW2 Profile - SW2 Profile-1 (Sheet)  
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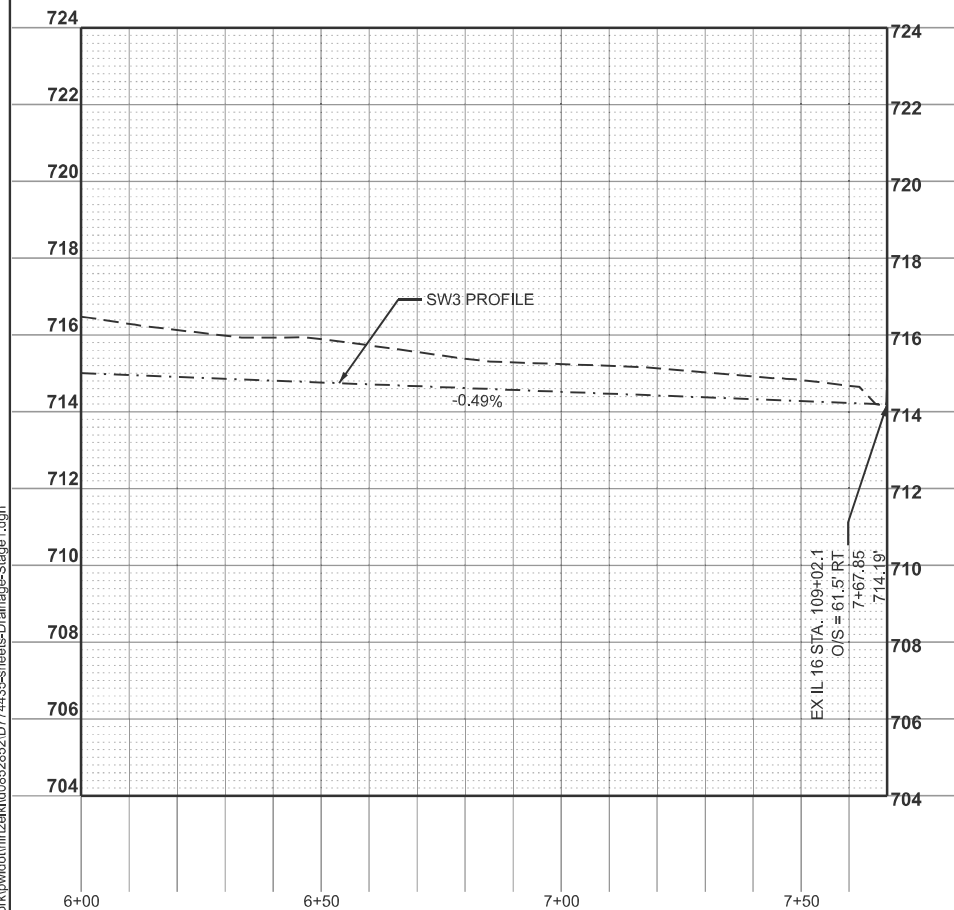
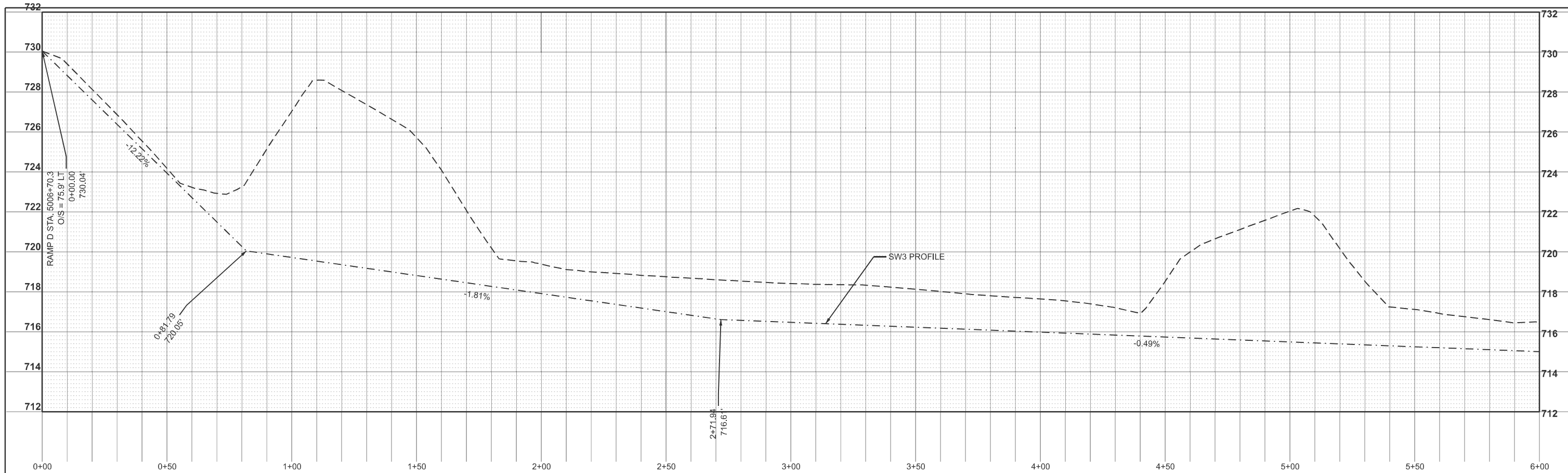
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 1: SW INTERCHANGE QUADRANT**

SCALE: 1"=20'    SHEET 15 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	428
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: SW3 Profile - SW3 Profile (Sheet)  
 FILE NAME: c:\p\work\wtd\hrtz\k\0852852\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: 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				



NW 2 BEGINS  
RAMP A STA. 2013+80.03  
DITCH STA. 0+00  
I/S 4' DITCH BOTTOM

NW1 BEGINS  
RAMP A STA. 2015+60  
DITCH STA. 0+00  
I/S 4' DITCH BOTTOM

PR RAMP A

NW 3 ENDS  
RAMP A STA. 2019+24.2  
DITCH STA. 2+52.52  
I/S 4' DITCH BOTTOM

NW 2 ENDS  
RAMP A STA. 2018+62.9  
DITCH STA. 5+70.68  
NW3 BEGINS  
RAMP A STA. 2018+62.9  
DITCH STA. 0+00  
I/S 4' DITCH BOTTOM

NW1 ENDS  
EX IL 16 STA. 108+63.8  
DITCH STA. 5+44.15  
I/S 4' DITCH BOTTOM

EX RAMP F

WB IL 16

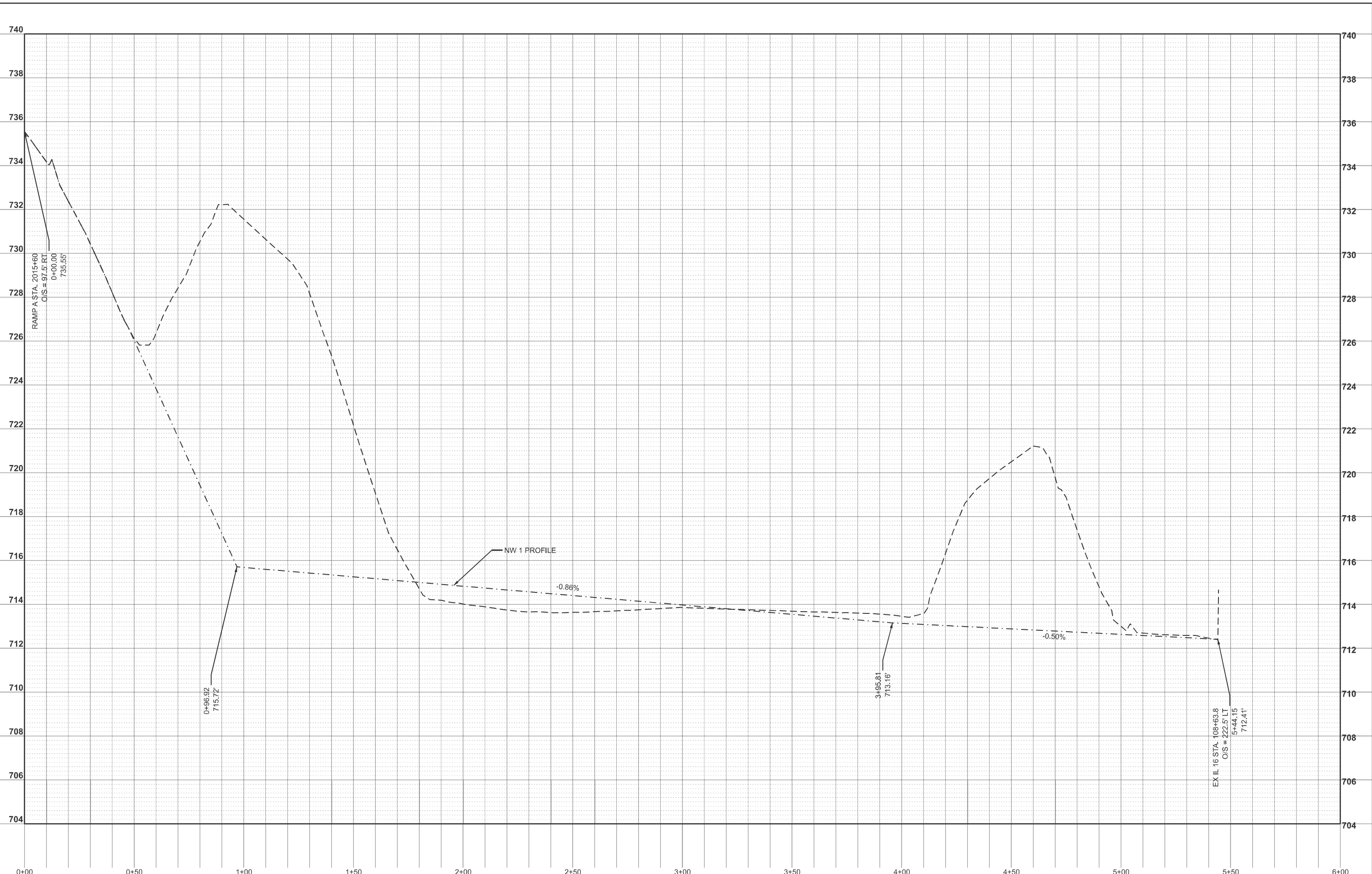
EX IL 16 CL

MODEL: NW QUAD DRAINAGE (Sheet)  
FILE NAME: c:\p\work\wrt\hrtz\k100852852\0774435-sheets-Drainage-Stage1.dgn



USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLAN &amp; PROFILE STAGE1: NW INTERCHANGE QUADRANT</b>		F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -		SCALE:	SHEET 17	OF 21	SHEETS	STA.	TO STA.	57	(15-22HB-4)BR (15-22)R	COLES	1086	430
PLOT DATE = 8/28/2024	CHECKED -	REVISED -								CONTRACT NO. 74435				
	DATE -	REVISED -								ILLINOIS FED. AID PROJECT				

MODEL: NW1 PROFILE - N SB67 MEDIAN DITCH PROFILE (Sheet)  
 FILE NAME: c:\pwwork\hrtz\hrtz\100862852\074435-sheets-Drainage-Stage1.dgn



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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

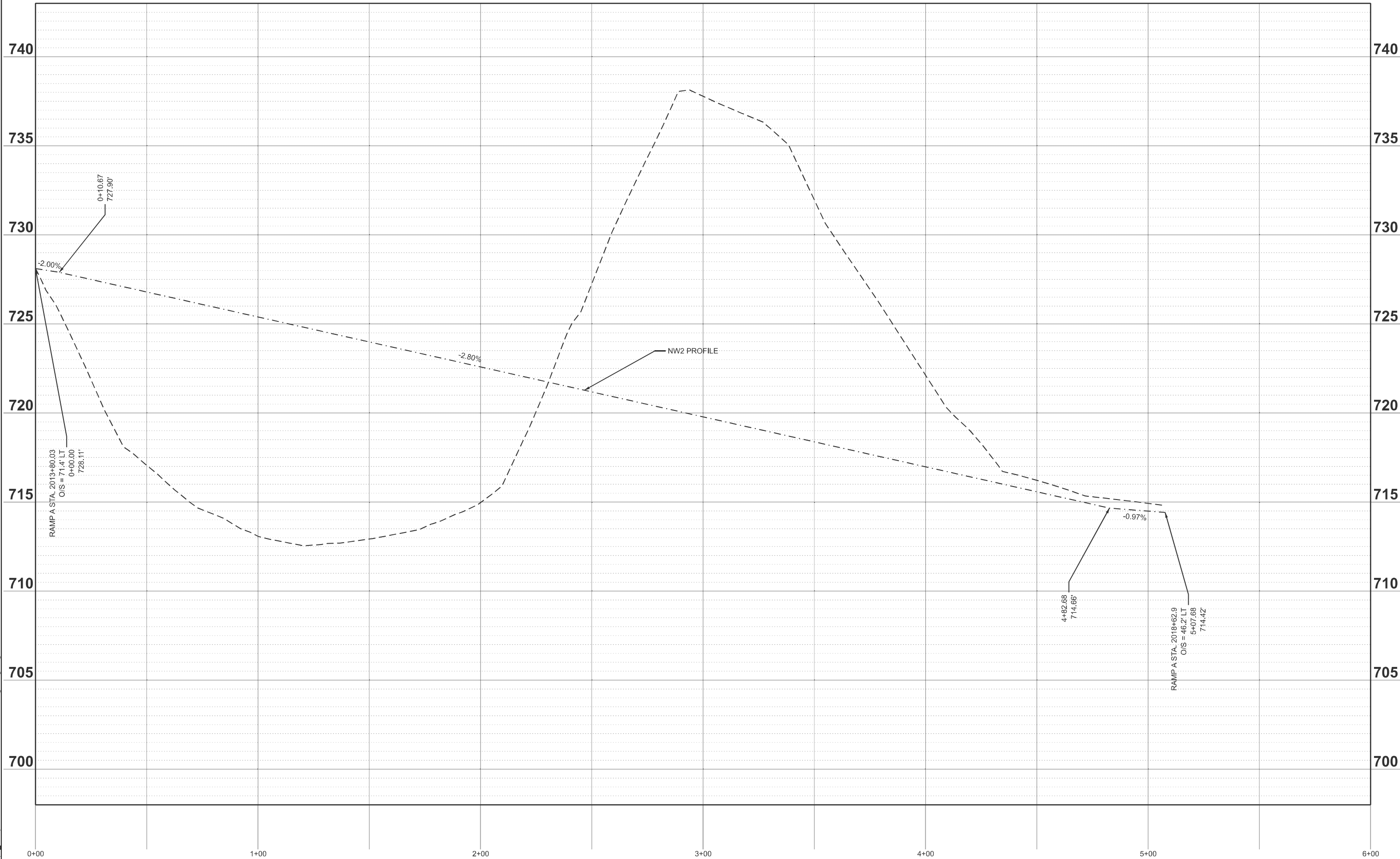
**DRAINAGE PLAN & PROFILE  
 STAGE NW INTERCHANGE QUADRANT**

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\hrtz\hrtz\1085282\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 NW INTERCHANGE QUADRANT

SCALE: 1"=20' SHEET 19 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	432
CONTRACT NO. 74435				

ILLINOIS FED. AID PROJECT

MODEL: NW3 PROFILE - NW3 DITCH PROFILE (Sheet)  
 FILE NAME: c:\pwworking\hartzel\1085282\DWG\435-sheets\Drainage-Stage.dgn



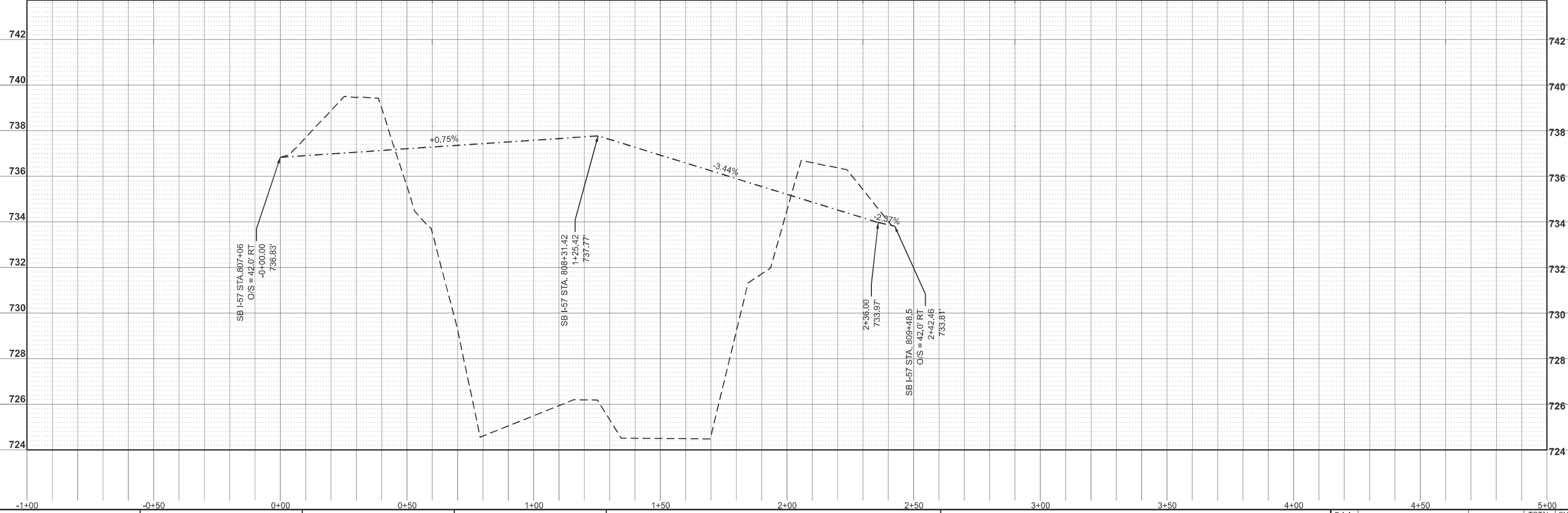
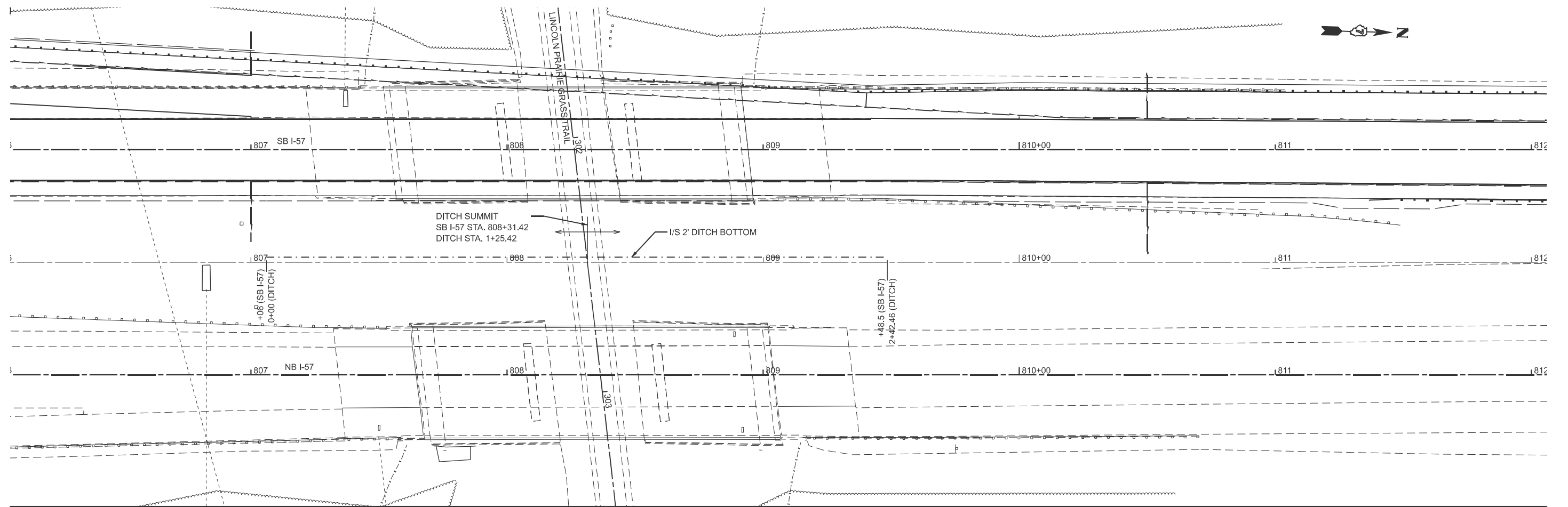
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	DRAWN -	REVISED -
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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 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 - eb57 BkxBox Median Plan [Sheet]  
 FILE NAME: c:\p\work\hartzel\1085252\077435-sheets-Drainage-Stage1.dgn

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

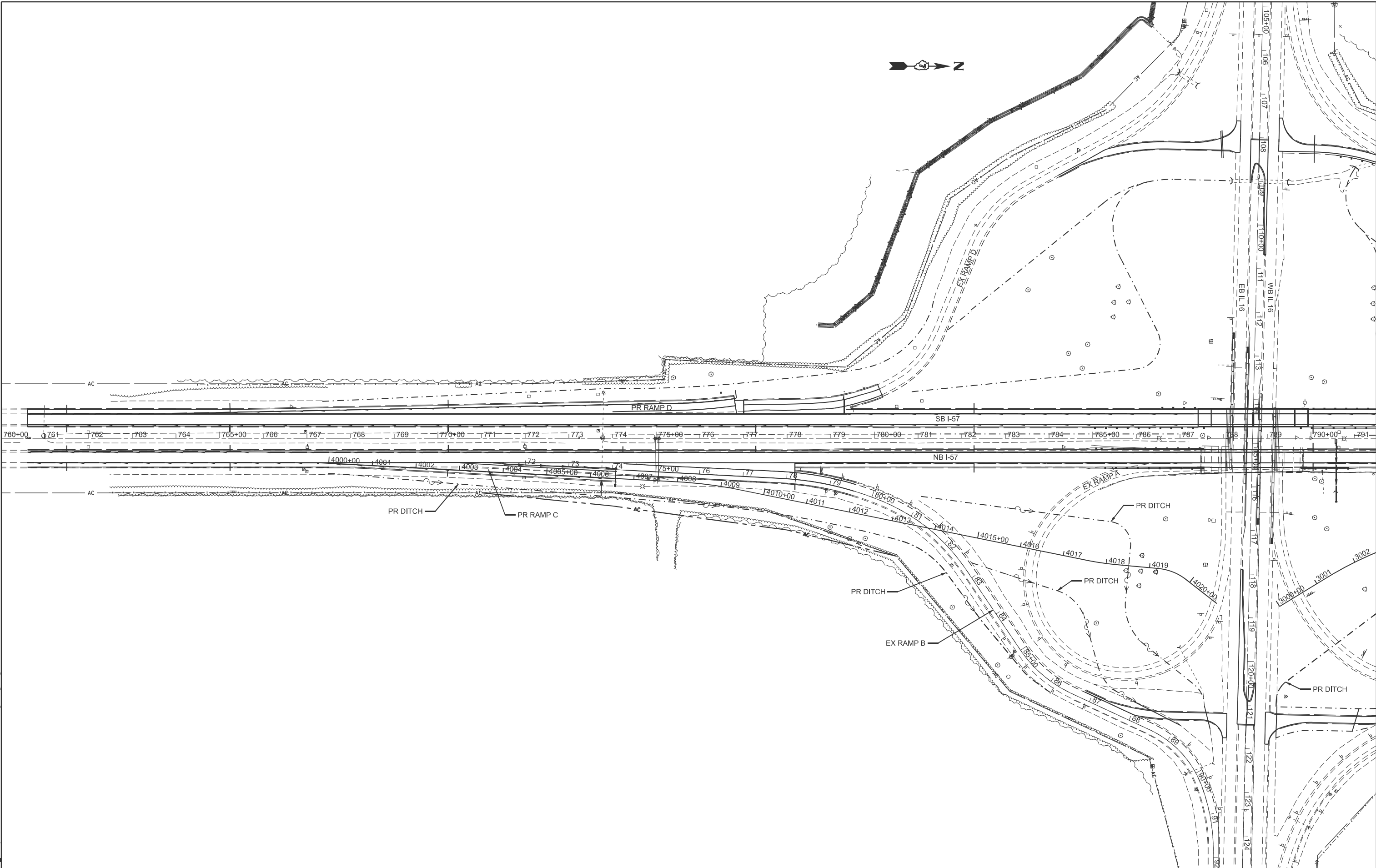
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 1: SB I-57**

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\hrtz\kld0852852\074435-sheets-Drainage-Stage2.dgn

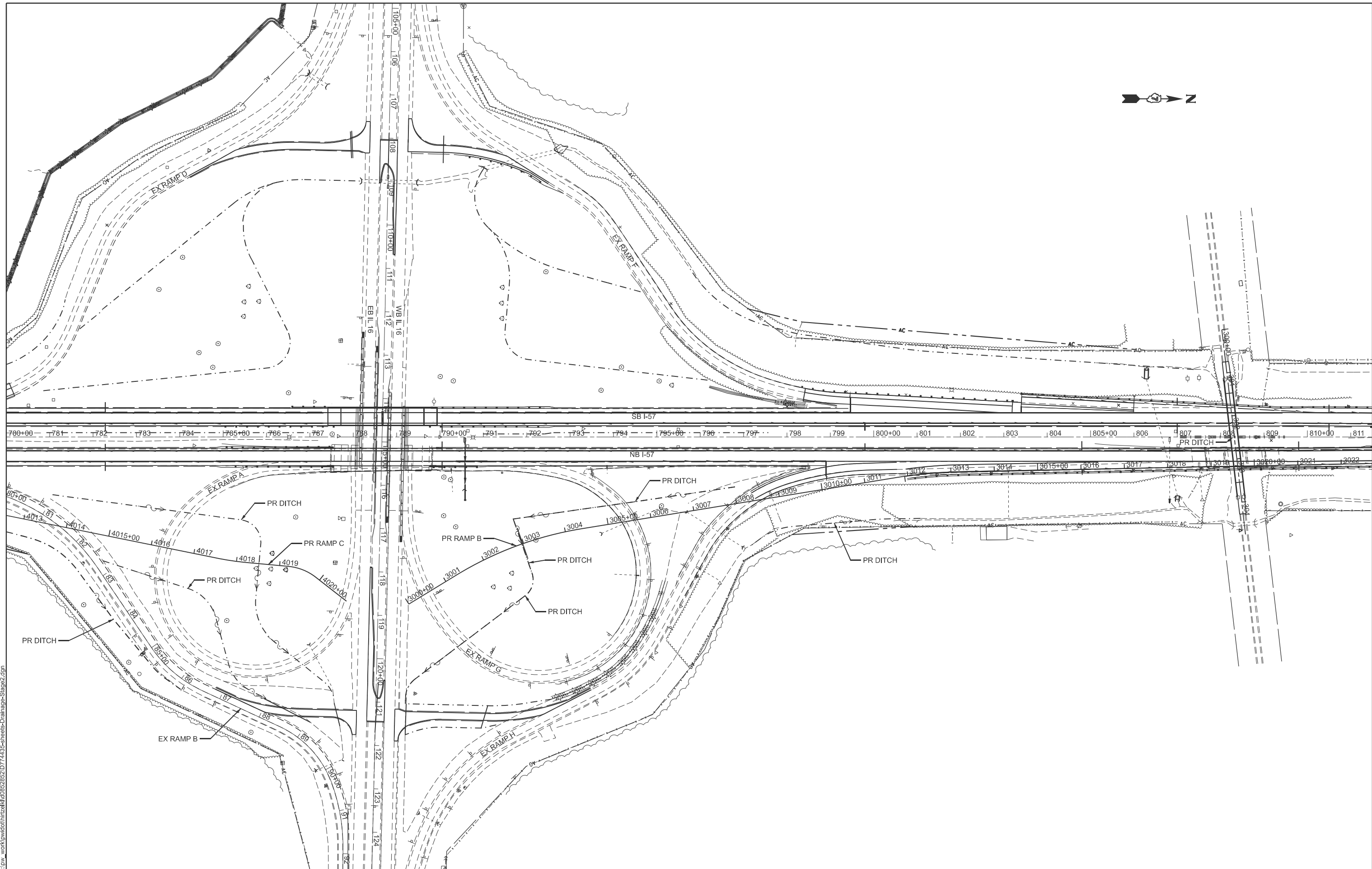
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	DRAWN -	REVISED -
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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 2: 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)  
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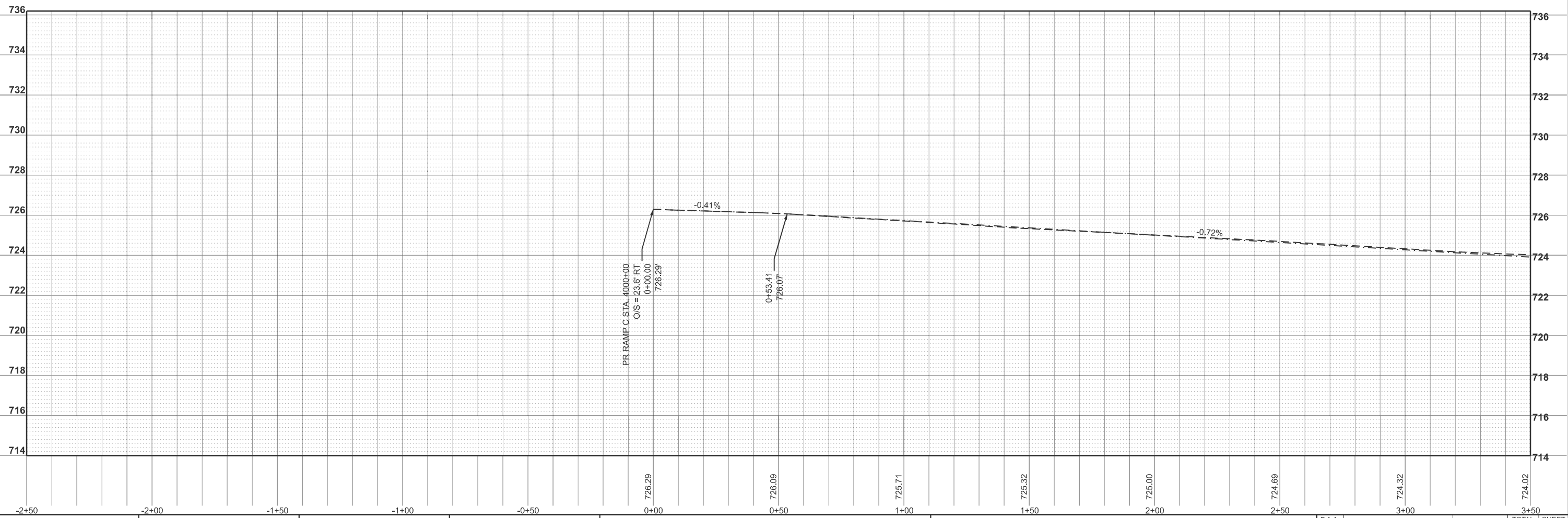
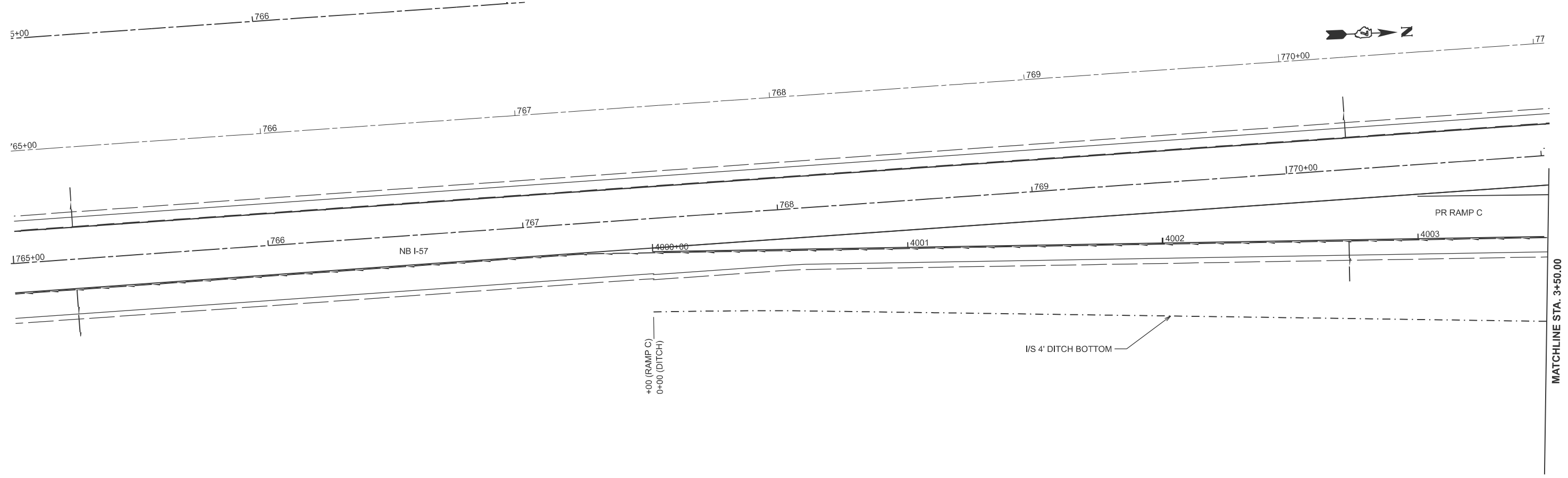
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	DRAWN -	REVISED -
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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 2: 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)  
 FILE NAME: c:\p\work\wv\hrtz\hrtz\hrtz\0828252\074435-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: NB I-57 & PR RAMP C**

SCALE: 1"=20'      SHEET 3 OF 14 SHEETS      STA. -2+50.00 TO STA. 3+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	437
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

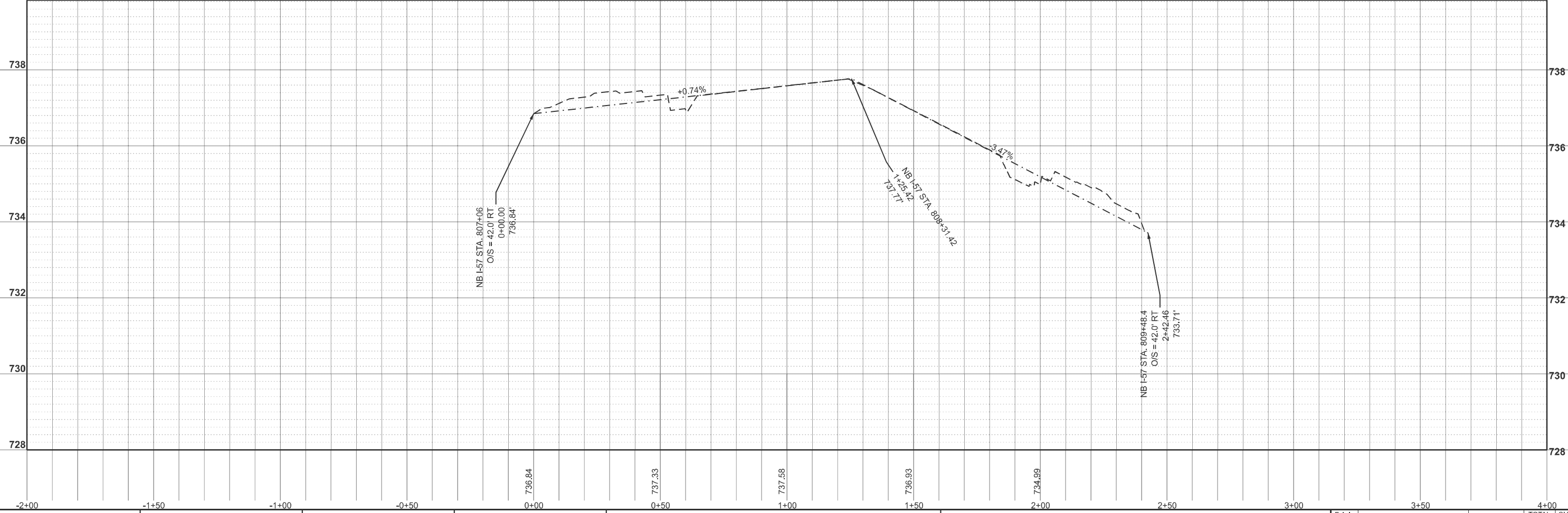
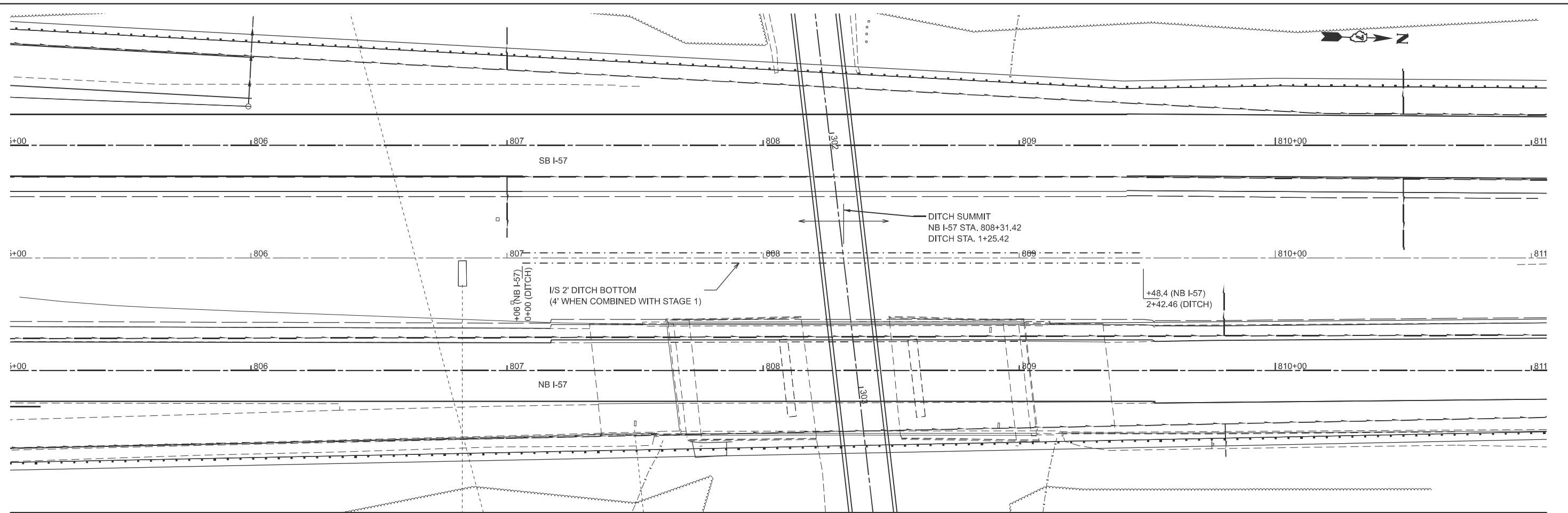








MODEL: Box MedianDitch\_OS\_Plan 1 (Sheet)  
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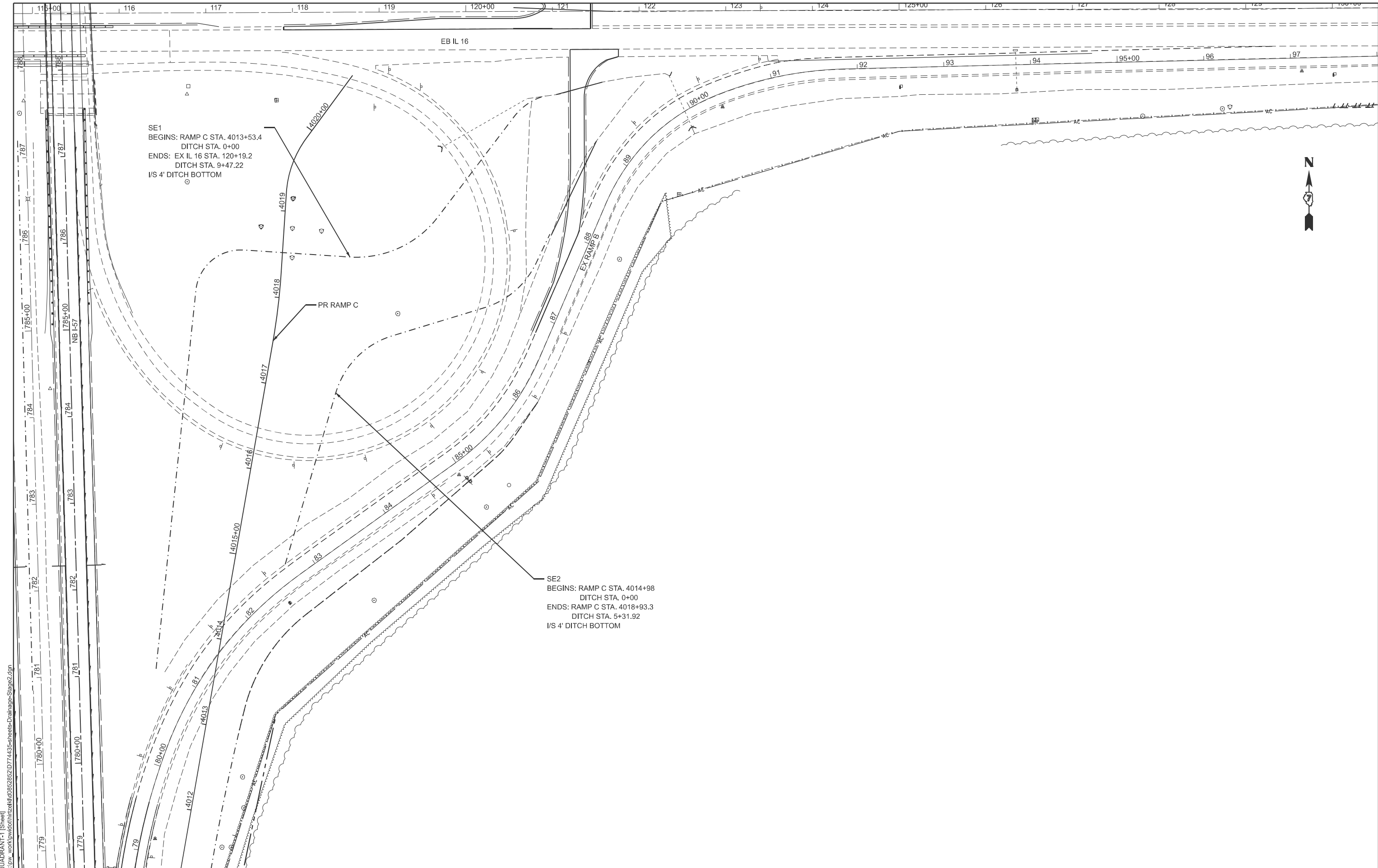
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PLOT DATE = 5/31/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 2: NB I-57**

SCALE: 1"=20'    SHEET 8 OF 14 SHEETS    STA. -2+00.00 TO STA. 4+00.00

F.A.I. RTE. 57	SECTION (15-22HB-4)BR (15-22)R	COUNTY COLES	TOTAL SHEETS 1086	SHEET NO. 442
CONTRACT NO. 74435			ILLINOIS FED. AID PROJECT	



MODEL: SE QUADRANT-1 [Sheet1]  
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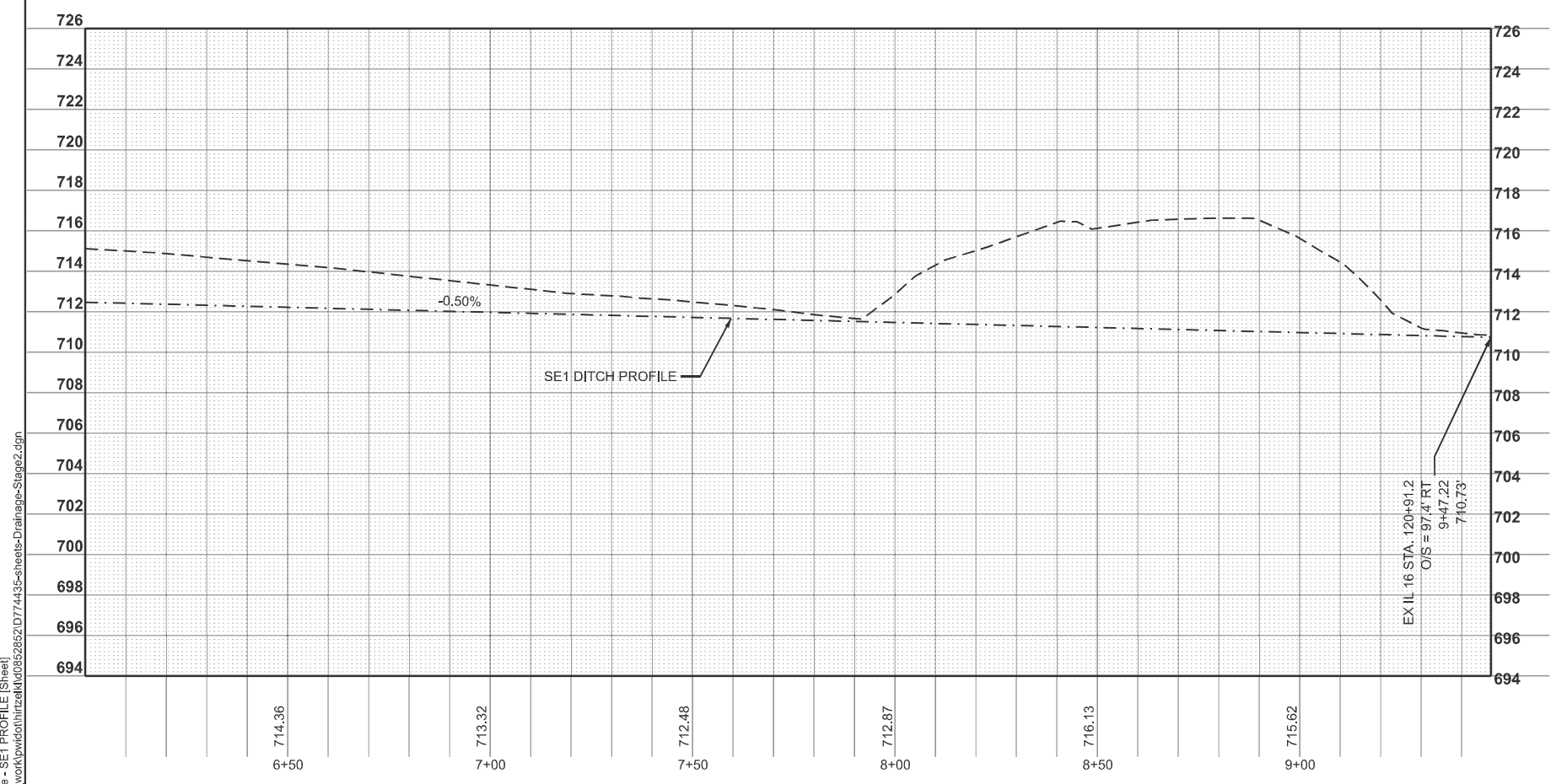
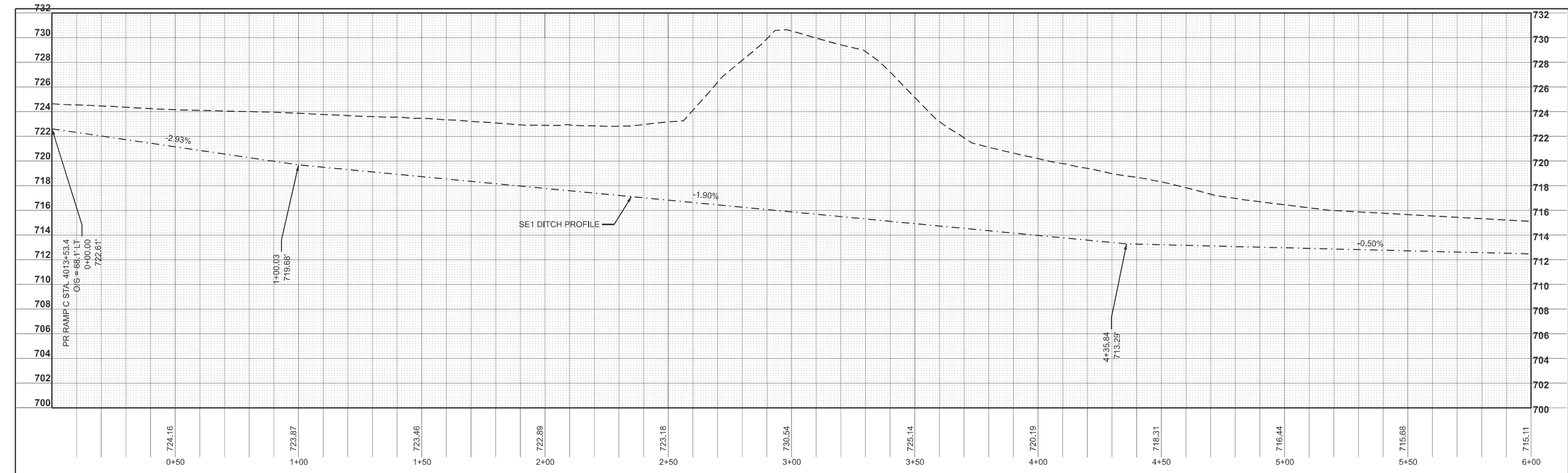
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 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:\p\work\hartzel\hartzel\0852852\074435-sheets-Drainage-Stage2.dgn

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

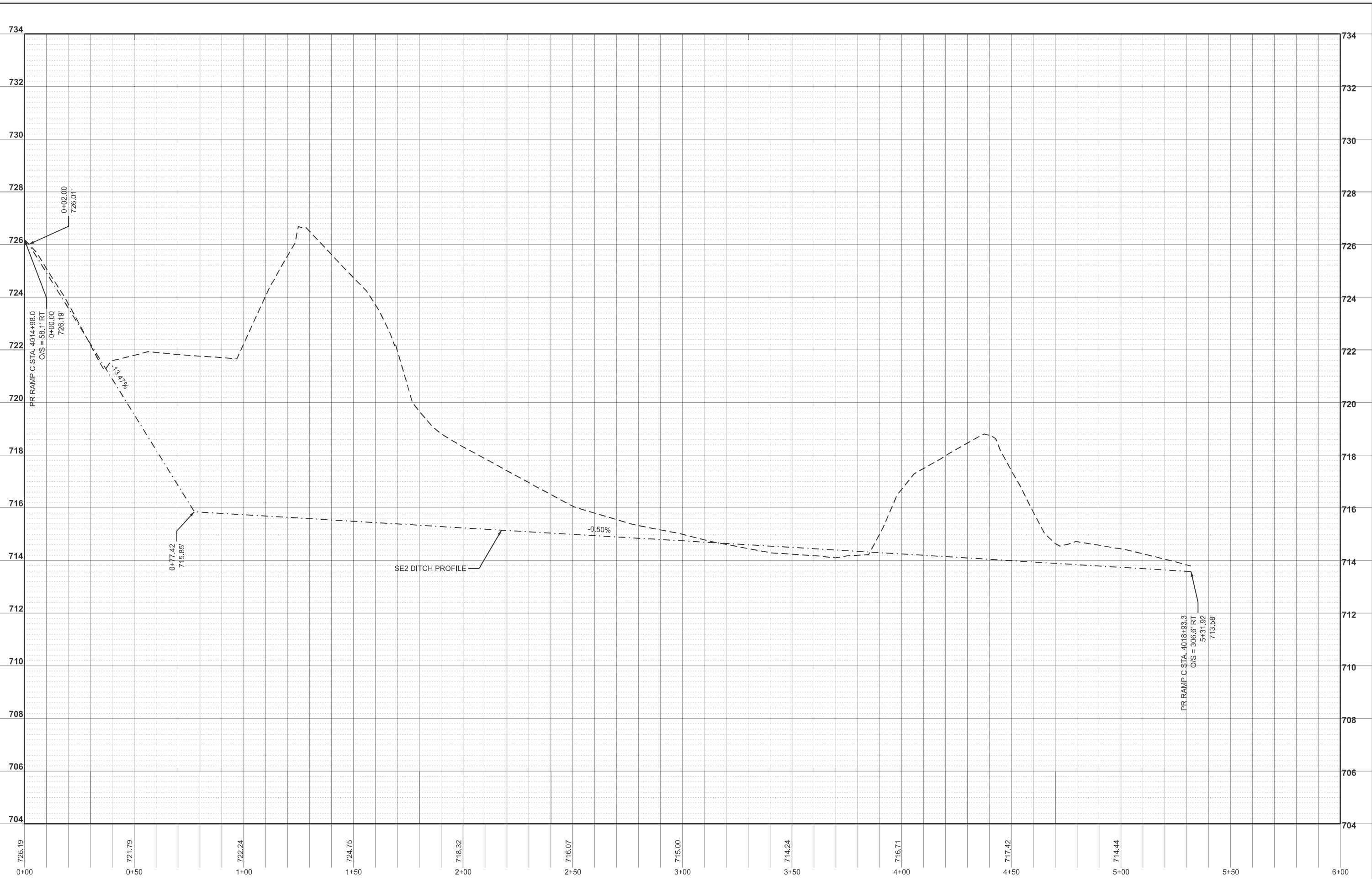
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
STAGE 2: SE INTERCHANGE QUADRANT**

SCALE: 1"=20'    SHEET 10 OF 14 SHEETS    STA. 0+00.00 TO STA. 9+47.22

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)  
 FILE NAME: c:\pwworking\hartzel\0852852\074435-sheets\Drainage-Stage2.dgn



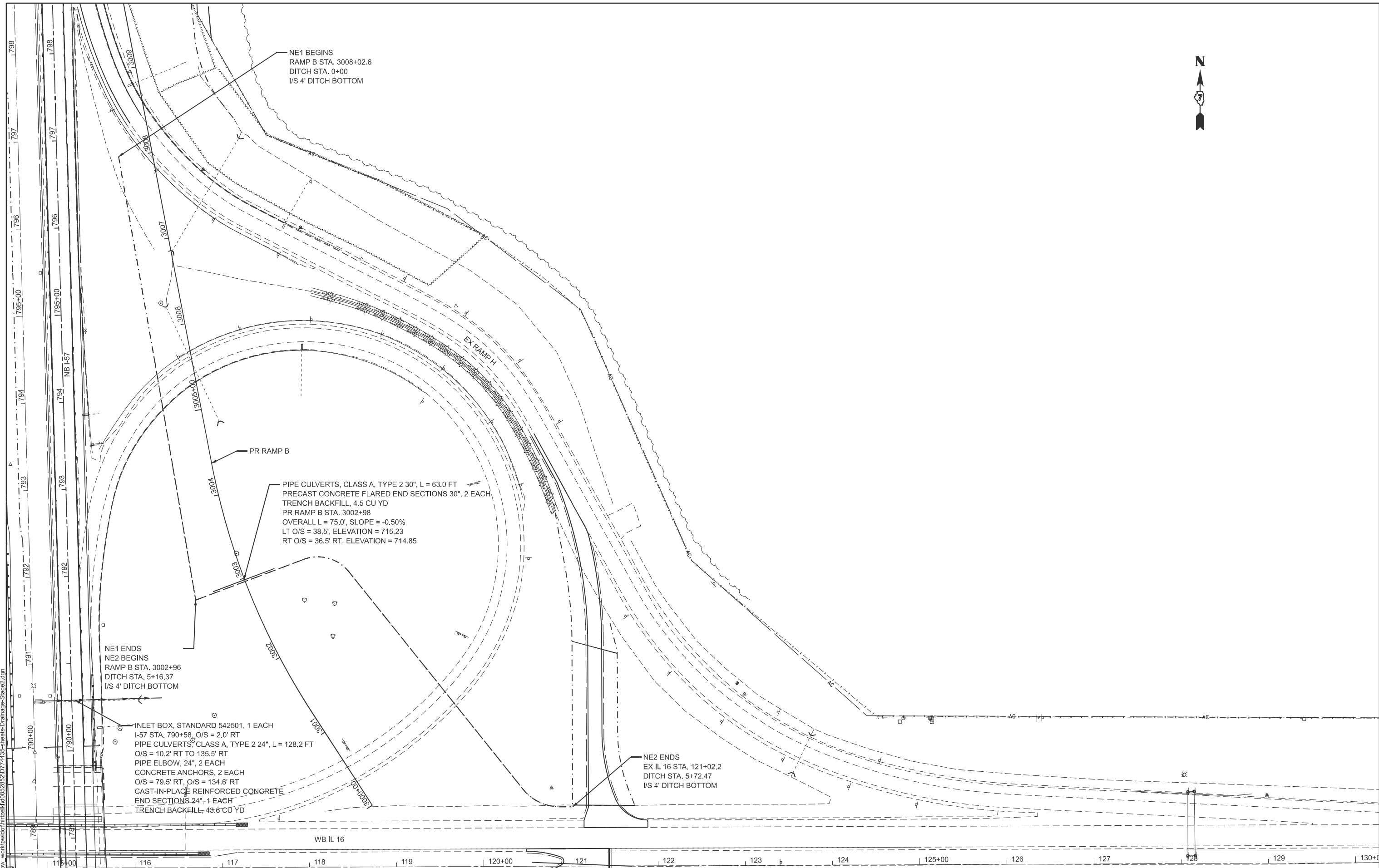
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 2: 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				



NE1 BEGINS  
RAMP B STA. 3008+02.6  
DITCH STA. 0+00  
1/5 4' DITCH BOTTOM

NE1 ENDS  
NE2 BEGINS  
RAMP B STA. 3002+96  
DITCH STA. 5+16.37  
1/5 4' DITCH BOTTOM

PIPE CULVERTS, CLASS A, TYPE 2 30", L = 63.0 FT  
PRECAST CONCRETE FLARED END SECTIONS 30", 2 EACH  
TRENCH BACKFILL, 4.5 CU YD  
PR RAMP B STA. 3002+98  
OVERALL L = 75.0', SLOPE = -0.50%  
LT O/S = 38.5', ELEVATION = 715.23  
RT O/S = 36.5' RT, ELEVATION = 714.85

INLET BOX, STANDARD 542501, 1 EACH  
I-57 STA. 790+58, O/S = 2.0' RT  
PIPE CULVERTS, CLASS A, TYPE 2 24", L = 128.2 FT  
O/S = 10.2' RT TO 135.5' RT  
PIPE ELBOW, 24", 2 EACH  
CONCRETE ANCHORS, 2 EACH  
O/S = 79.5' RT, O/S = 134.6' RT  
CAST-IN-PLACE REINFORCED CONCRETE  
END SECTIONS 24", 1 EACH  
TRENCH BACKFILL, 43.6 CU YD

NE2 ENDS  
EX IL 16 STA. 121+02.2  
DITCH STA. 5+72.47  
1/5 4' DITCH BOTTOM

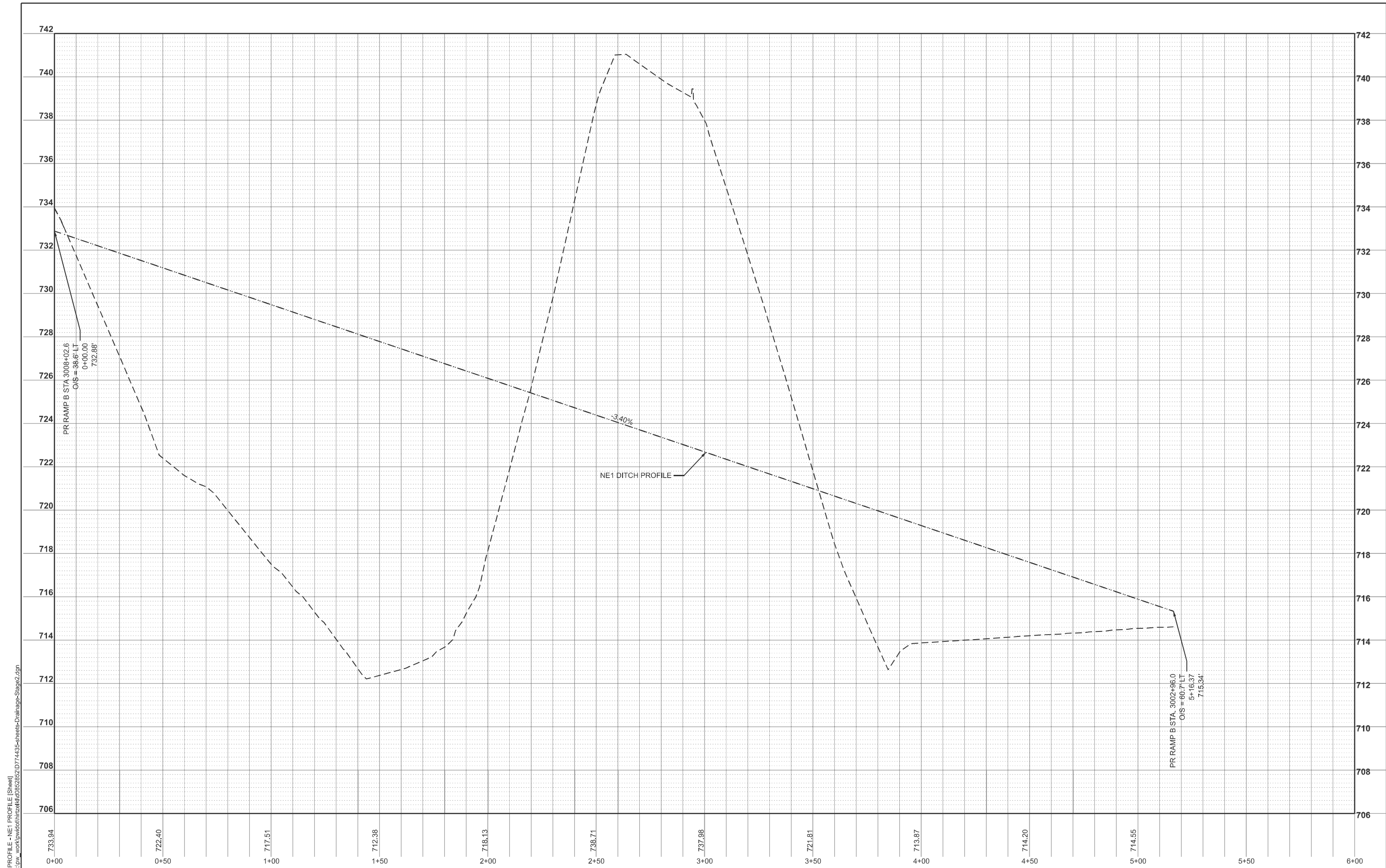
MODEL: NE QUADRANT-1 (Sheet)  
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USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
PLOT SCALE = \$SSCALE\$	DRAWN -	REVISED -
PLOT DATE = 8/20/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE PLAN &amp; PROFILE STAGE 2: NE INTERCHANGE QUADRANT</b>			
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: NE1 PROFILE-NE1 PROFILE (Sheet)  
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PLOT DATE = 8/20/2024	DATE -	REVISED -

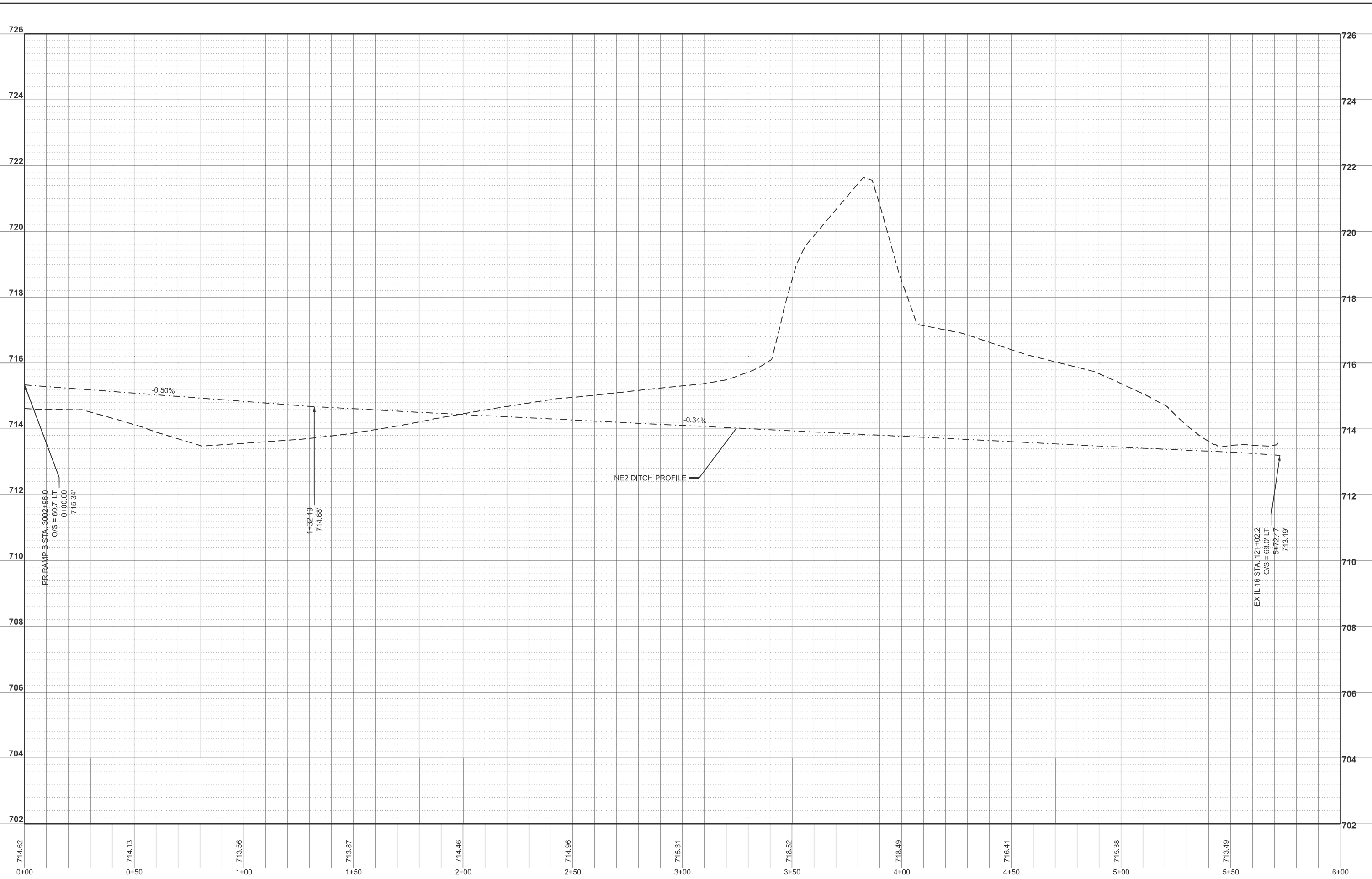
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 2: NE INTERCHANGE QUADRANT**

SCALE: 1"=20' SHEET 13 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	447
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: NE2 PROFILE - NE2 PROFILE (Sheet)  
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714.62	714.13	713.56	713.87	714.46	714.96	715.31	718.52	718.49	716.41	715.38	713.49	713.19	702
0+00	0+50	1+00	1+50	2+00	2+50	3+00	3+50	4+00	4+50	5+00	5+50	6+00	

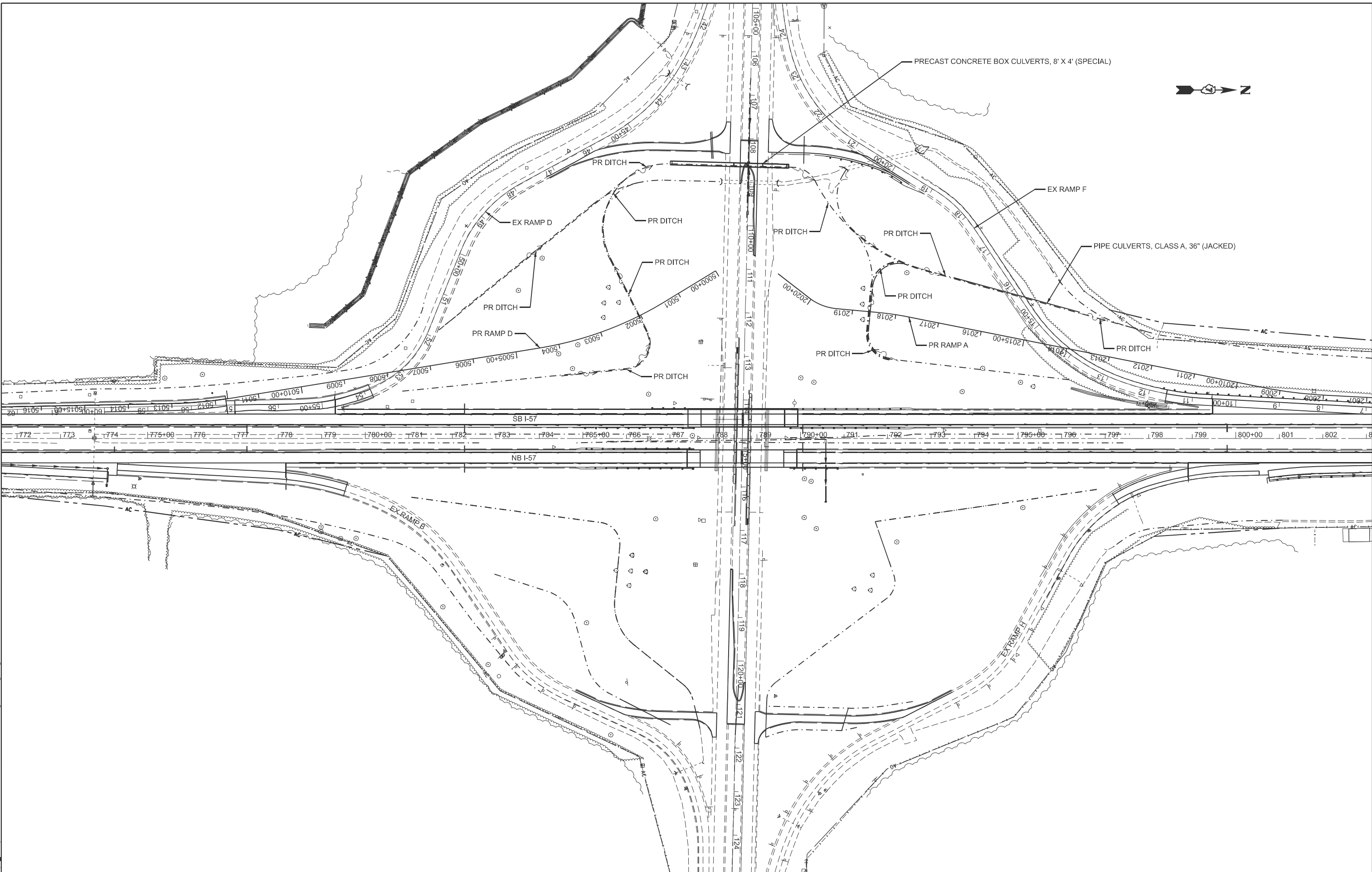
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PLOT DATE = 8/20/2024	DATE -	REVISED -

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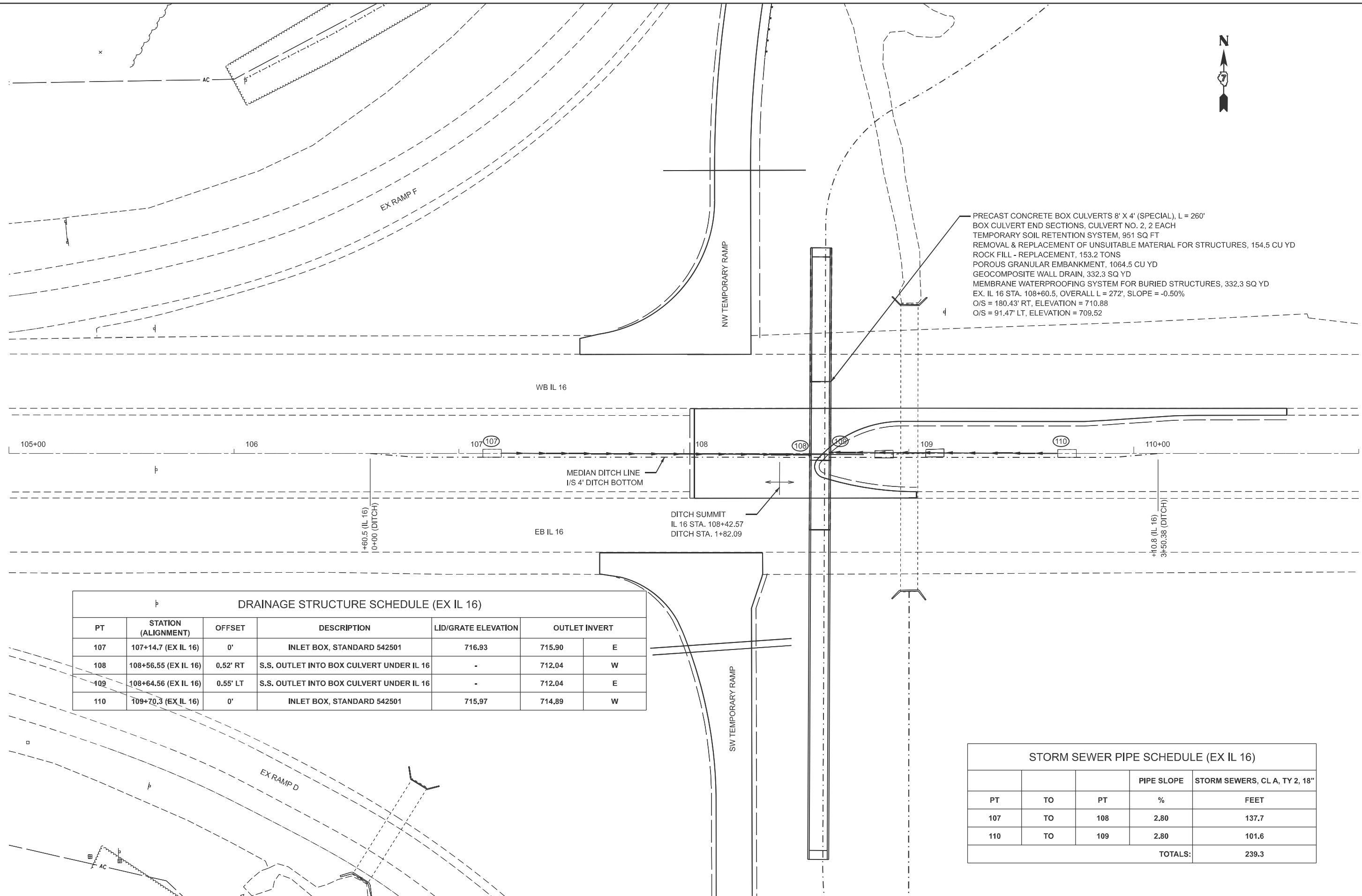
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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 PRE-STAGE 3: OVERALL VIEW**

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	449
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



PRECAST CONCRETE BOX CULVERTS 8' X 4' (SPECIAL), L = 260'  
 BOX CULVERT END SECTIONS, CULVERT NO. 2, 2 EACH  
 TEMPORARY SOIL RETENTION SYSTEM, 951 SQ FT  
 REMOVAL & REPLACEMENT OF UNSUITABLE MATERIAL FOR STRUCTURES, 154.5 CU YD  
 ROCK FILL - REPLACEMENT, 153.2 TONS  
 POROUS GRANULAR EMBANKMENT, 1064.5 CU YD  
 GEOCOMPOSITE WALL DRAIN, 332.3 SQ YD  
 MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES, 332.3 SQ YD  
 EX. IL 16 STA. 108+60.5, OVERALL L = 272', SLOPE = -0.50%  
 O/S = 180.43' RT, ELEVATION = 710.88  
 O/S = 91.47' LT, ELEVATION = 709.52

DRAINAGE STRUCTURE SCHEDULE (EX IL 16)						
PT	STATION (ALIGNMENT)	OFFSET	DESCRIPTION	LID/GRATE ELEVATION	OUTLET INVERT	
107	107+14.7 (EX IL 16)	0'	INLET BOX, STANDARD 542501	716.93	715.90	E
108	108+56.55 (EX IL 16)	0.52' RT	S.S. OUTLET INTO BOX CULVERT UNDER IL 16	-	712.04	W
109	108+64.56 (EX IL 16)	0.55' LT	S.S. OUTLET INTO BOX CULVERT UNDER IL 16	-	712.04	E
110	109+70.3 (EX IL 16)	0'	INLET BOX, STANDARD 542501	715.97	714.89	W

STORM SEWER PIPE SCHEDULE (EX IL 16)				
PT	TO	PT	PIPE SLOPE %	STORM SEWERS, CL A, TY 2, 18" FEET
107	TO	108	2.80	137.7
110	TO	109	2.80	101.6
TOTALS:				239.3

MODEL: IL 16 Median Plan - IL 16 Median Plan (Sheet)  
 FILE NAME: c:\p\work\hartzel\hartzel\1086282\0774435-sheets-Drainage-PreStage3.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISD -
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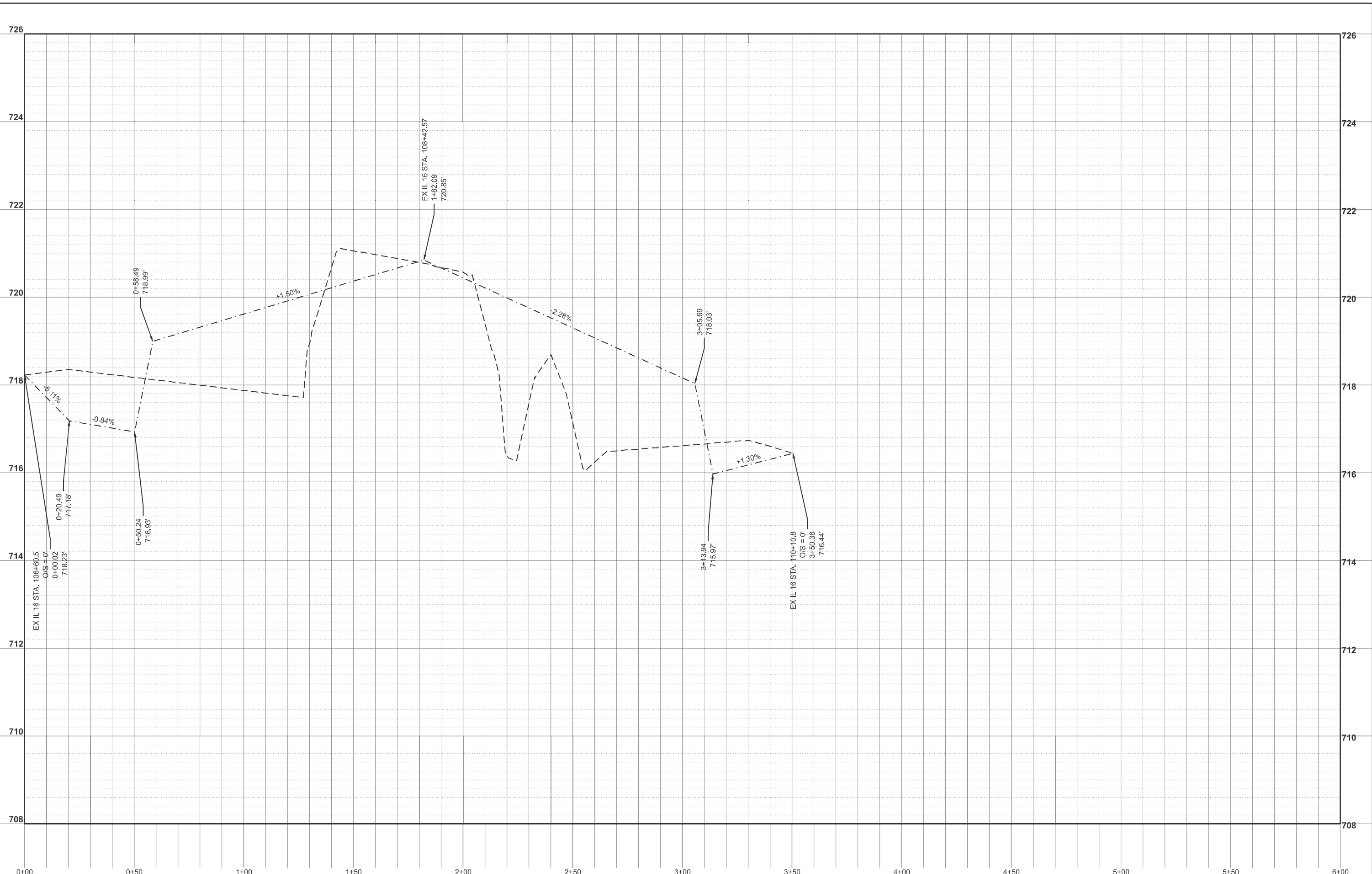
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE  
PRE-STAGE 3: IL 16

SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 105+00.00 TO STA. 111+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	450
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: GeomScratch2 - IL 16 Median Ditch Profile (Sheet)  
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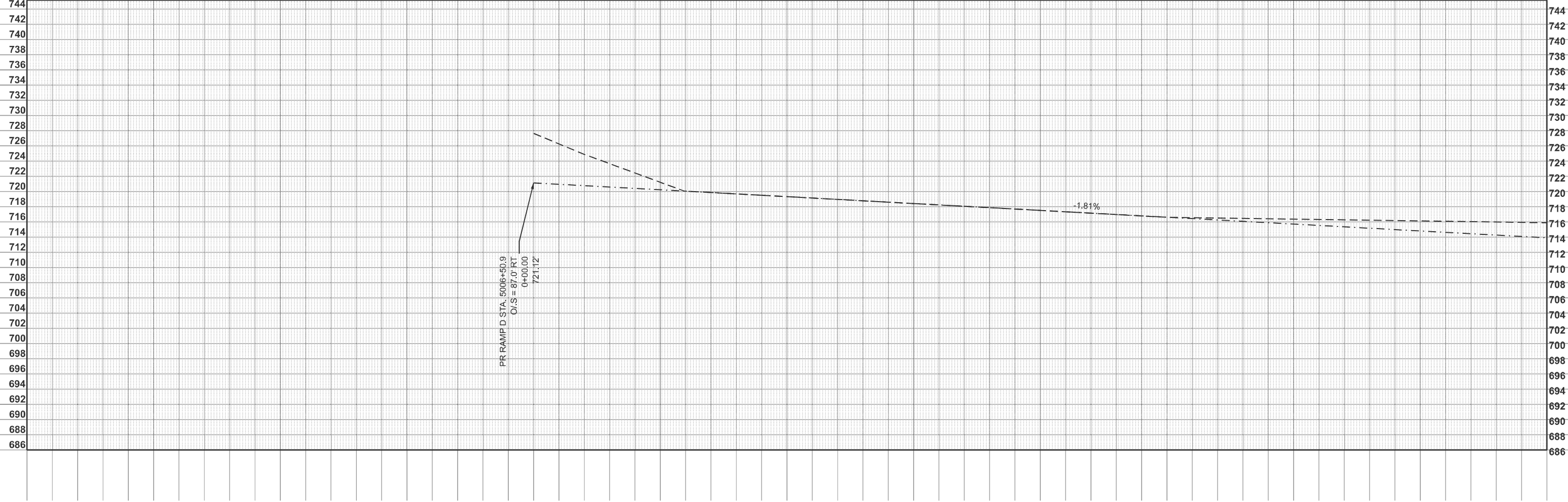
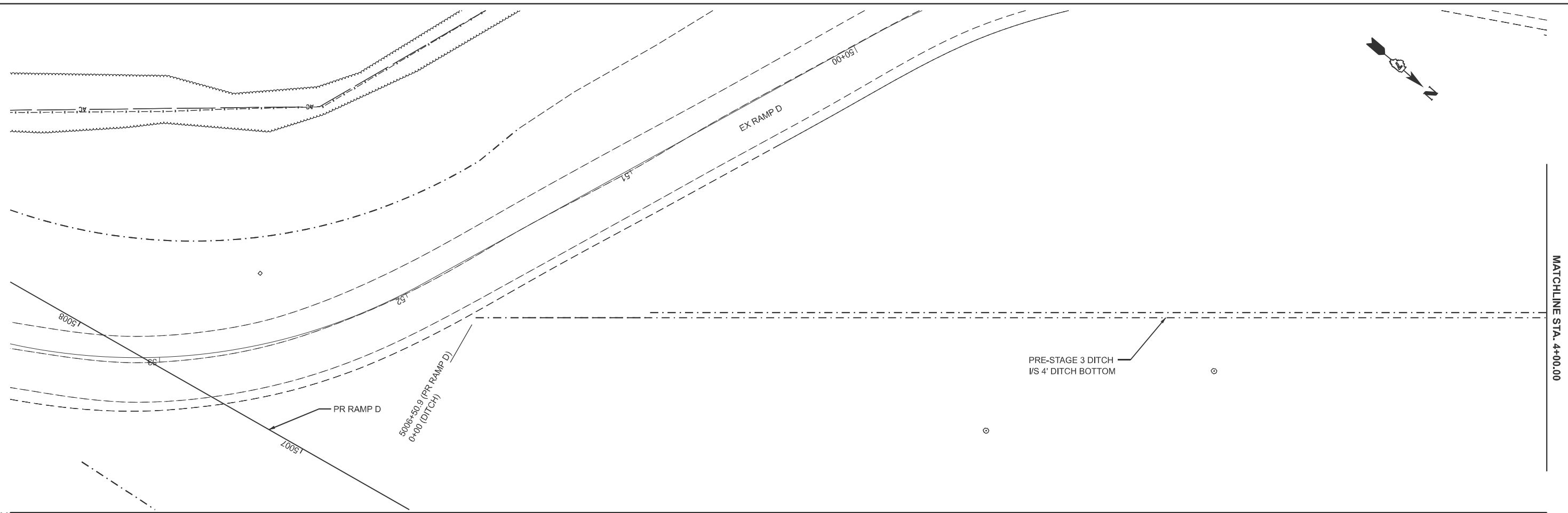
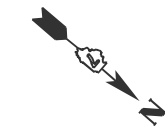
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PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**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: Pre-Stage3\_Ditch - W-N-S DITCH PLAN (Sheet)  
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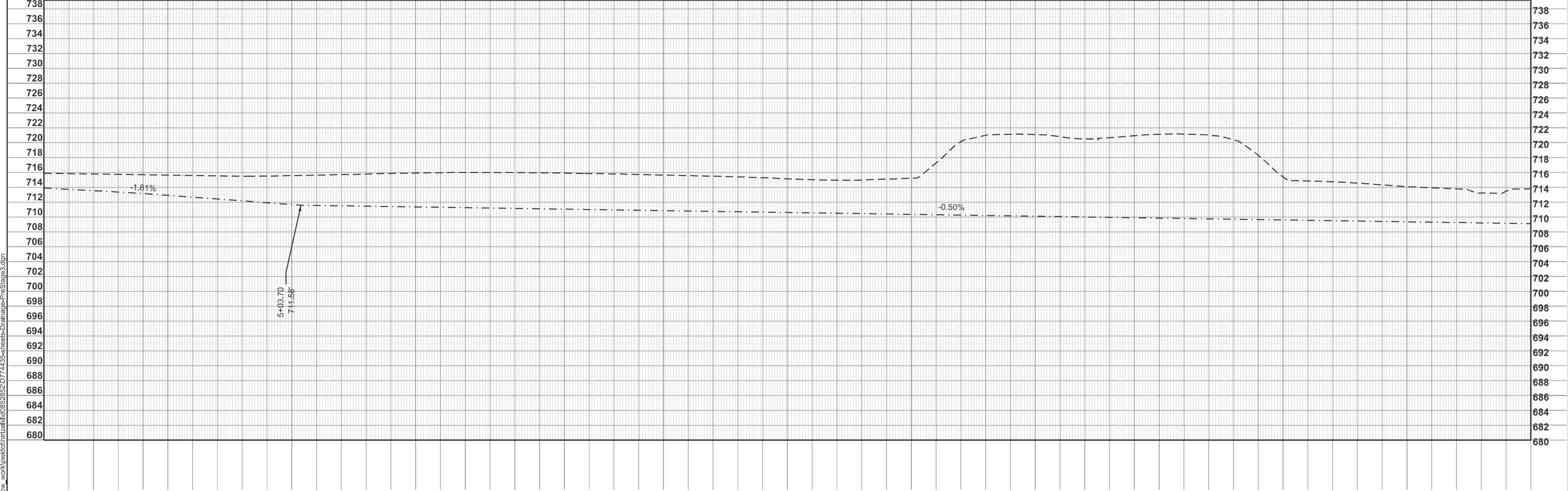
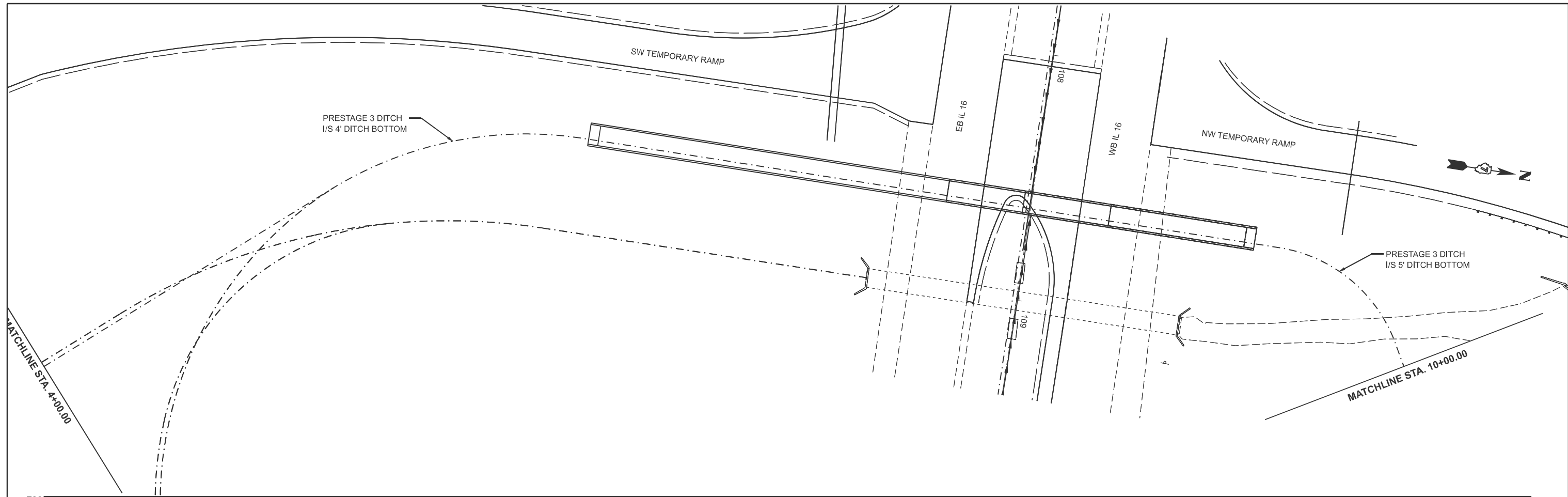
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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**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				



MODEL: Pre-Stage3\_Ditch - W N-S DITCH PLAN-1 (Sheet)  
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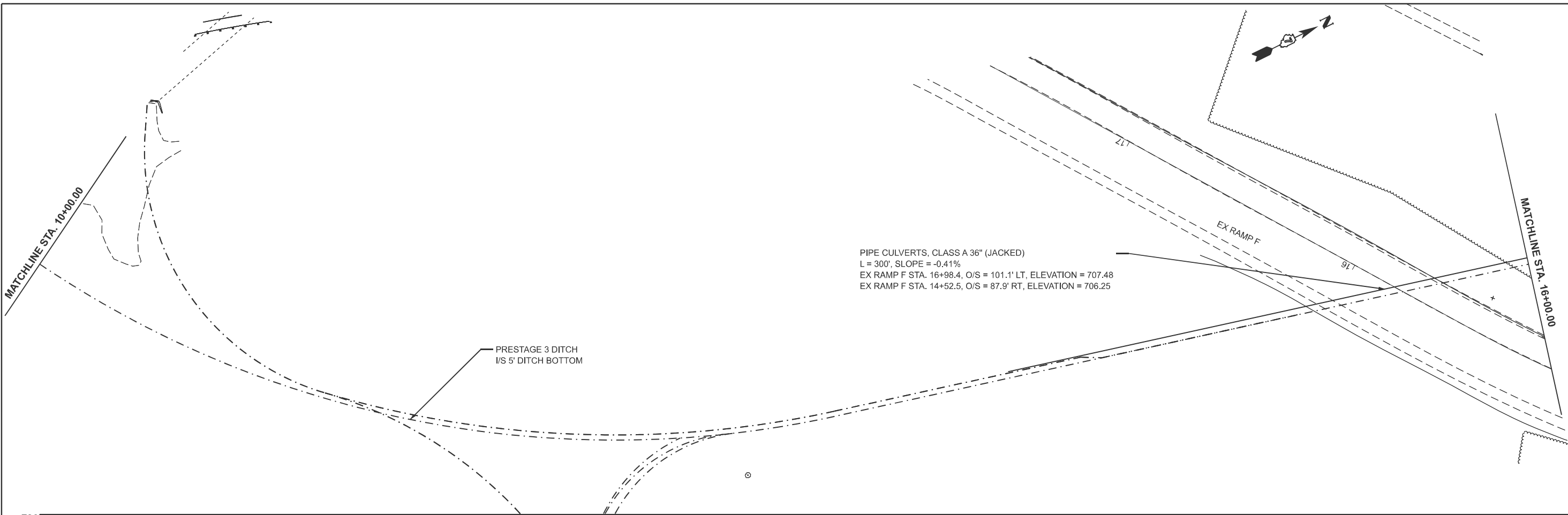
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DRAWN -	REVISED -	
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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

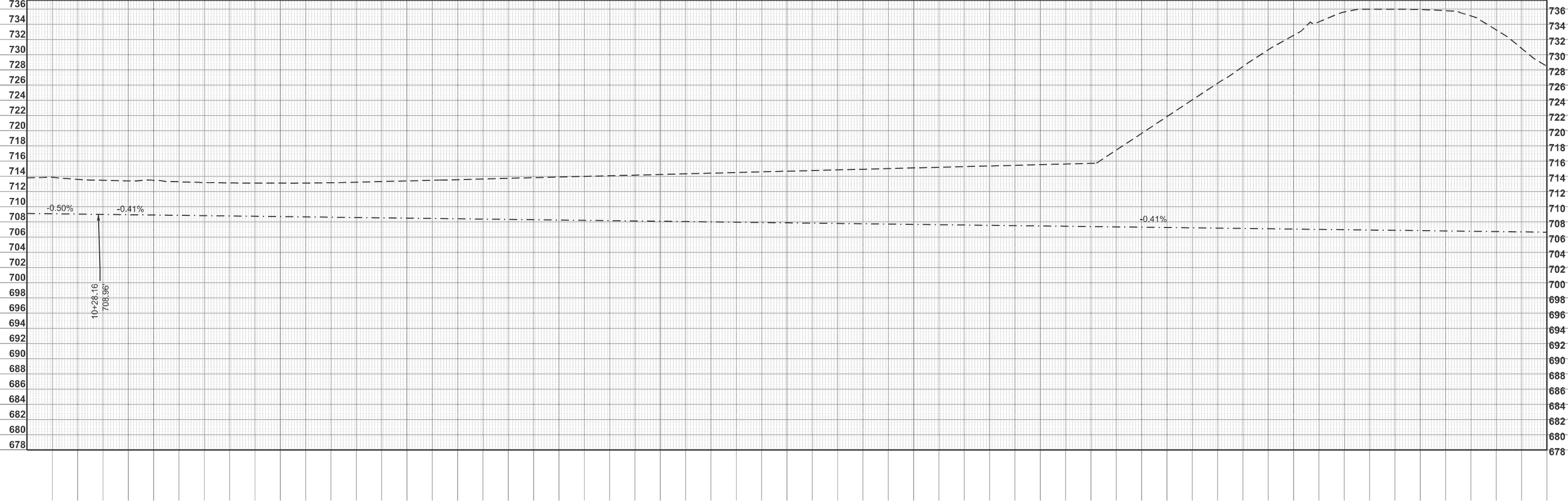
**DRAINAGE PLAN & PROFILE**  
**PRE-STAGE 3: NORTH-SOUTH DITCH**

SCALE: 1"=20'      SHEET 5 OF 7 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	453
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



MODEL: Pre-Stage3\_Ditch - W-N-S DITCH PLAN-2 (Sheet)  
 FILE NAME: c:\pwworking\hartzel\1085282\1085282\Drawings\Drainage\Pre-Stage3.dgn

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

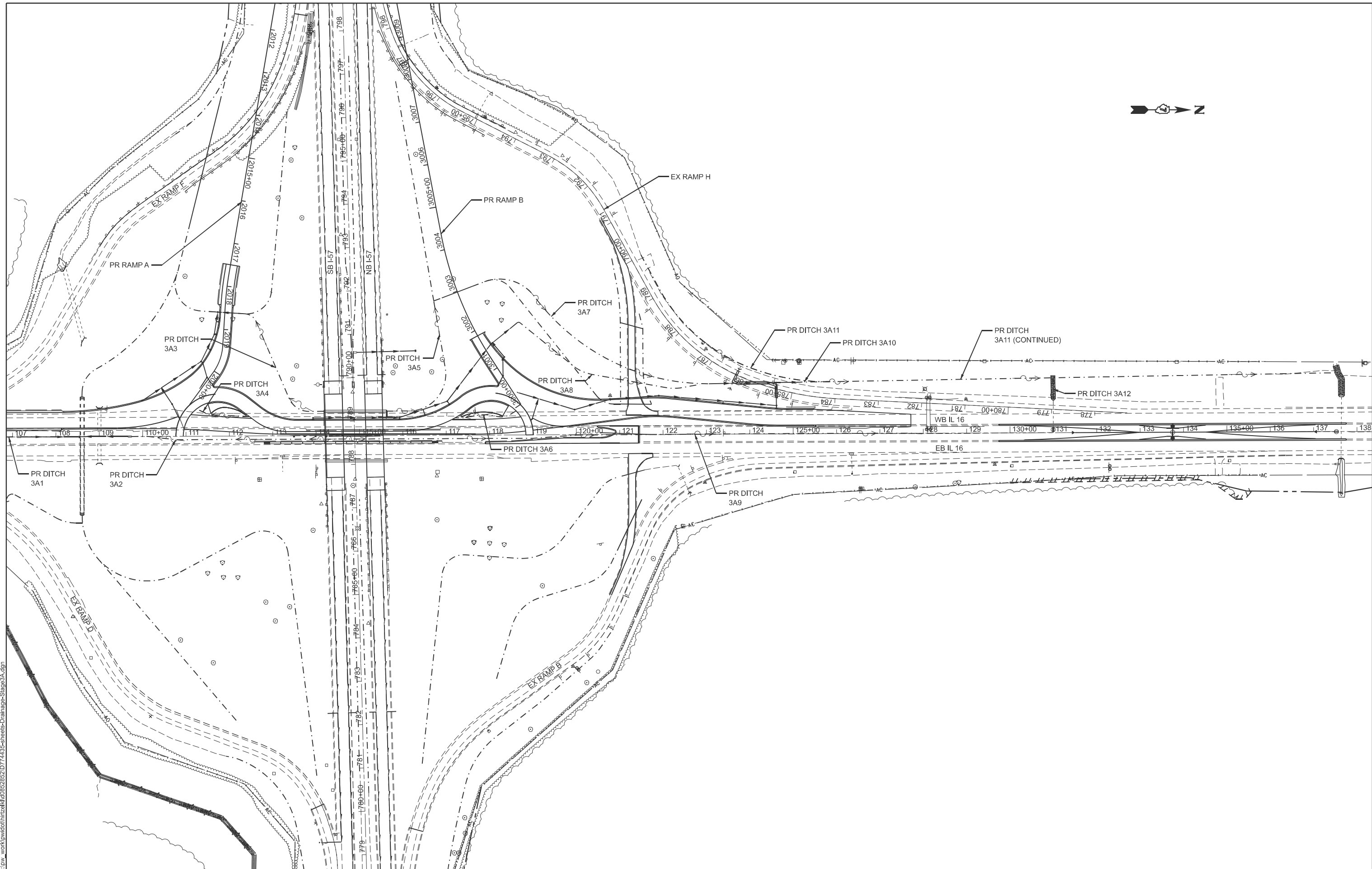
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 PRE-STAGE 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				





MODEL: STAGE 3A OVERALL (Sheet)  
 FILE NAME: c:\p\work\p\civil\hrtz\k\0852852\0774435-sheets-Drainage-Stage3A.dgn

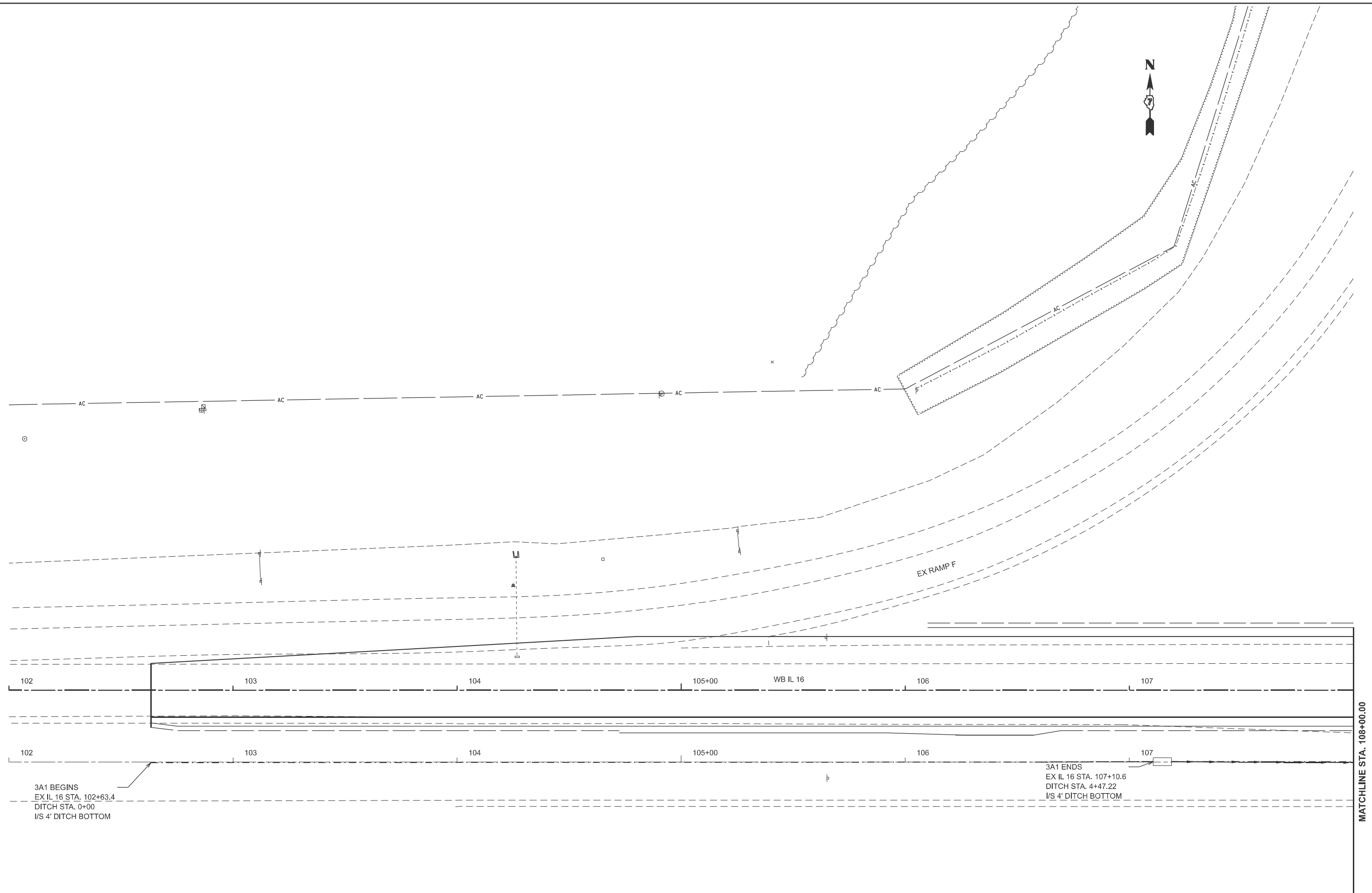
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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 3A: OVERALL VIEW**

SCALE: SHEET 1 OF 24 SHEETS STA. TO STA.

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:\p\work\hrt\hrt\hrt\108282\074435-sheets-Drainage-Stage3A.dgn

MATCHLINE STA. 108+00.00

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**  
**STAGE 3A: EX IL 16**

SCALE: 1"=20'    SHEET 2    OF 24    SHEETS    STA. 102+00.00    TO STA. 108+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	457
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



3A3 ENDS  
PR RAMP A STA. 2018+60.9  
DITCH STA. 3+18.25  
CL 2' DITCH BOTTOM

12018

PR RAMP A

12019

12020+00

3A3

3A3 TRANSITION FROM  
6' WIDTH TO 2' WIDTH  
L = 34.2'

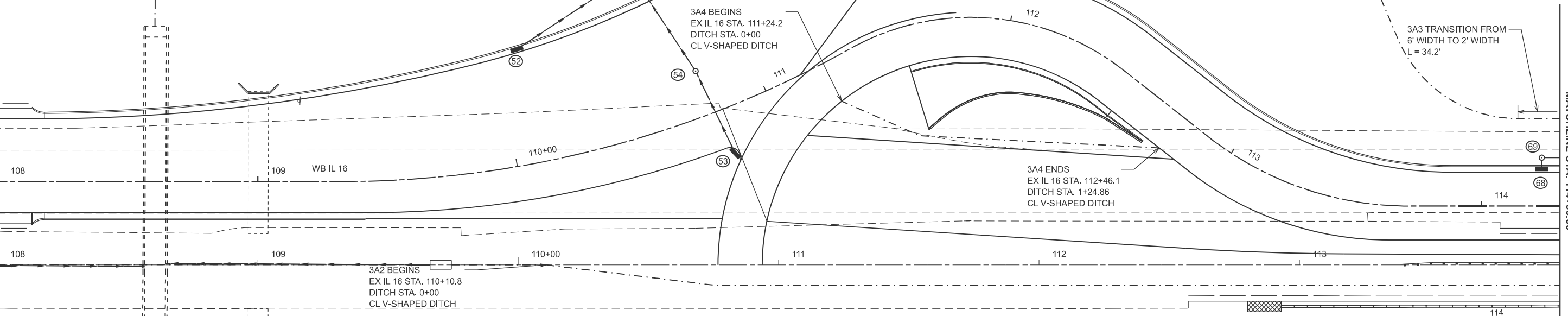
3A4 BEGINS  
EX IL 16 STA. 111+24.2  
DITCH STA. 0+00  
CL V-SHAPED DITCH

3A4 ENDS  
EX IL 16 STA. 112+46.1  
DITCH STA. 1+24.86  
CL V-SHAPED DITCH

3A2 BEGINS  
EX IL 16 STA. 110+10.8  
DITCH STA. 0+00  
CL V-SHAPED DITCH

MATCHLINE STA. 108+00.00

MATCHLINE STA. 114+00.00



MODEL: EX IL 16 - STAGE 3A DRAINAGE-1 [Sheet]  
FILE NAME: c:\p\work\hrtz\hrtz\11435-sheets\Drainage-Stage3A.dgn

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

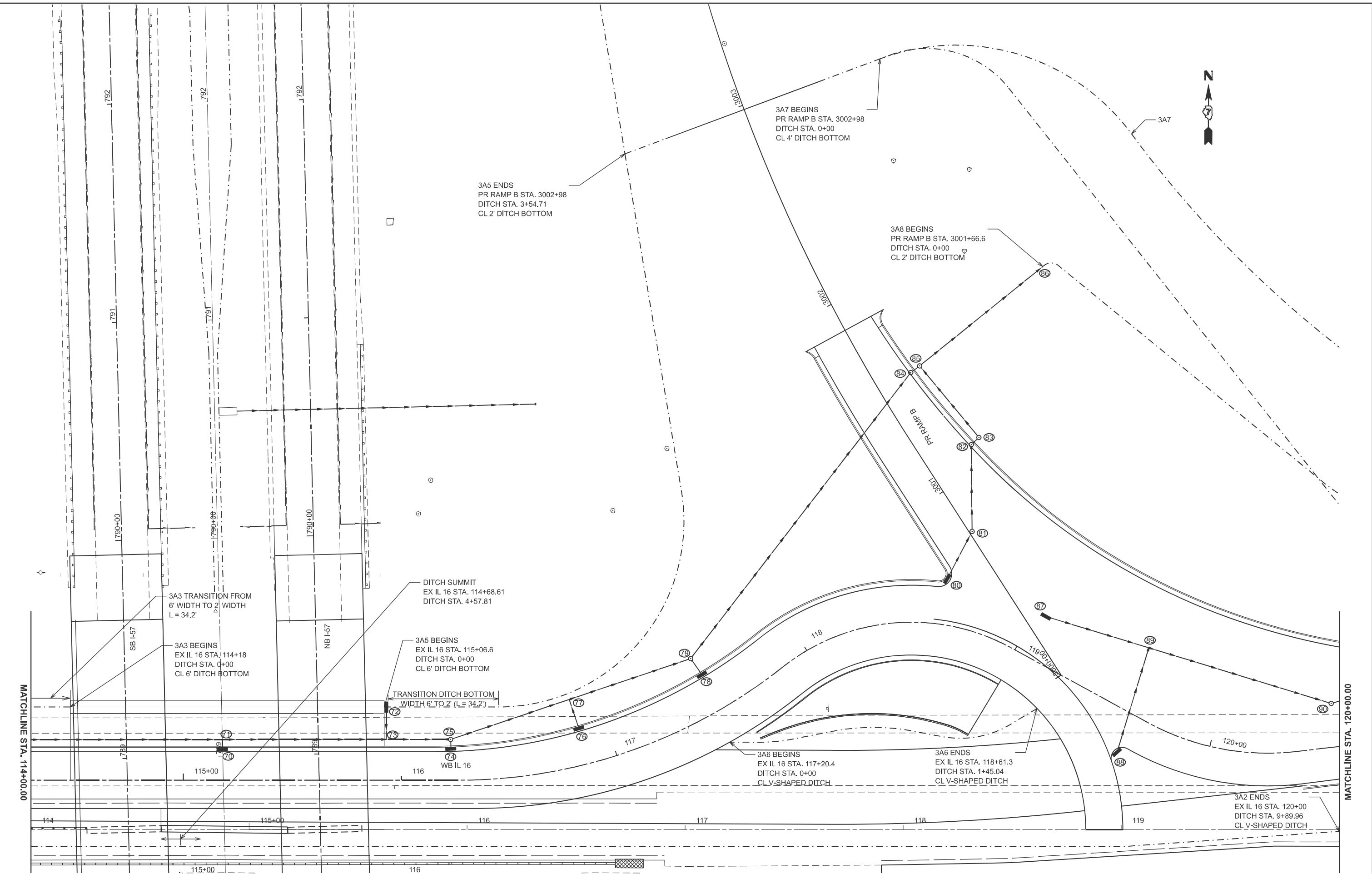
**DRAINAGE PLAN & PROFILE  
STAGE 3A: EX IL 16**

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				

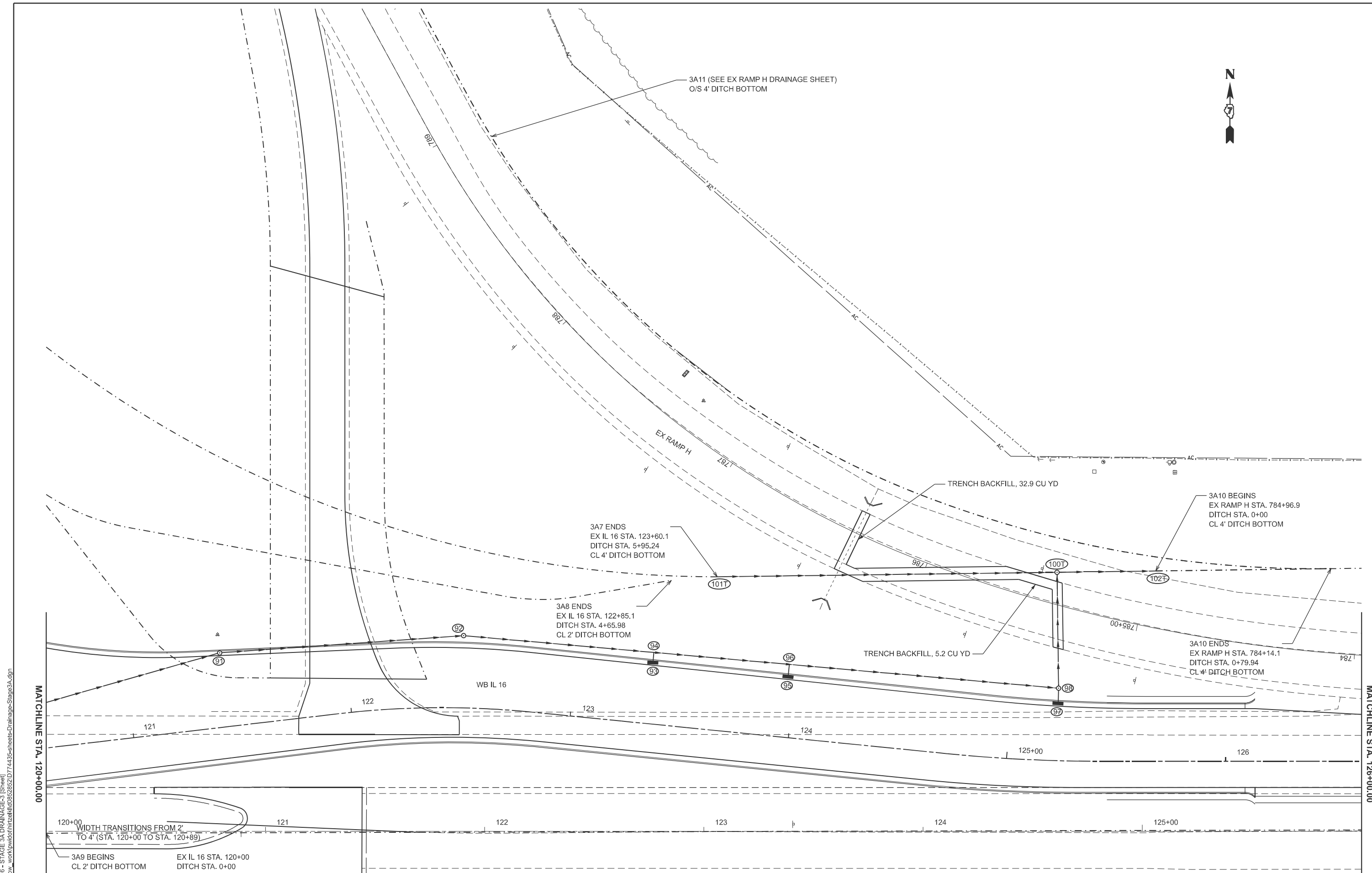


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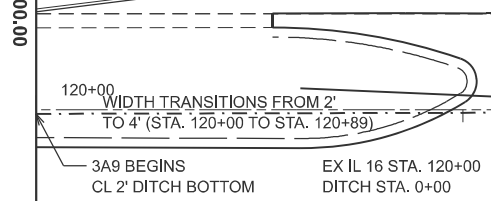


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								57	(15-22HB-4)BR (15-22)R	COLES	1086	460
SCALE: 1"=20'    SHEET 5    OF 24    SHEETS    STA. 114+00.00    TO STA. 120+00.00								CONTRACT NO. 74435				
ILLINOIS   FED. AID PROJECT												





MODEL: EX IL 16 - STAGE 3A DRAINAGE-3 (Sheet)  
 FILE NAME: c:\pwworking\hartzel\068282\0774435-sheets-Drainage-Stage3A.dgn



USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = \$SSCALE\$	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 7    OF 24    SHEETS    STA. 120+00.00    TO STA. 126+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	462
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

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

MODEL: SS SCHEDULE-3 (Sheet)  
 FILE NAME: c:\p\work\wv\hrtz\hrtz\100852852\074435-sheets-Drainage-Stage3A.dgn

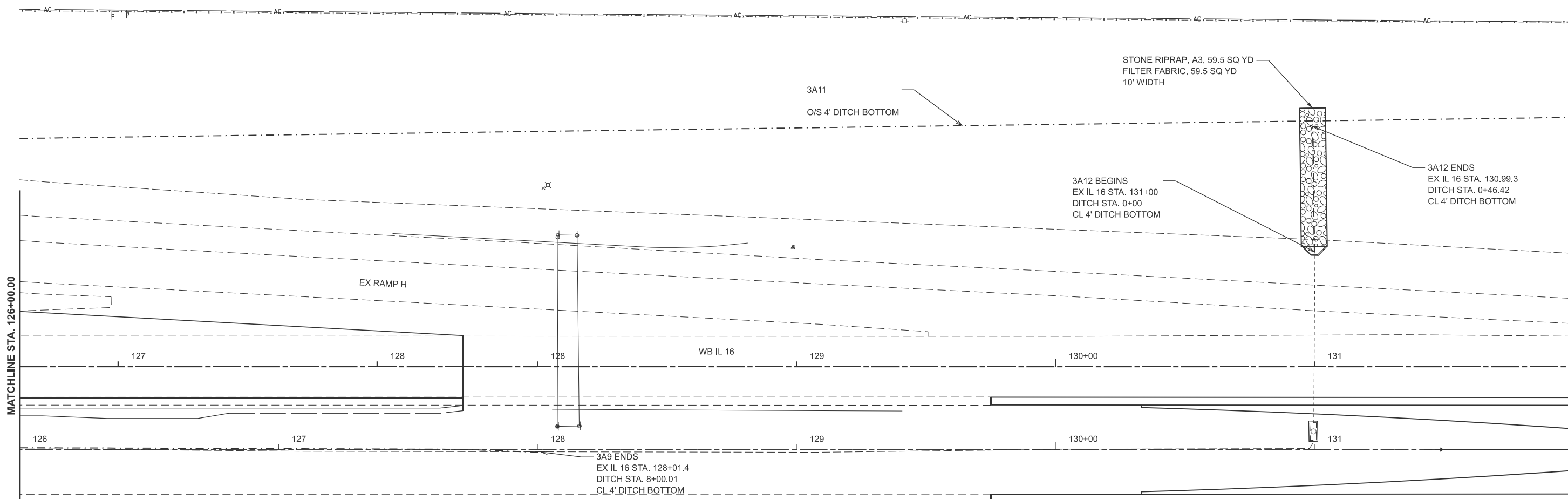
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 3A: STORM SEWER SCHEDULE**

SCALE: SHEET 8 OF 24 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	463
CONTRACT NO. 74435			ILLINOIS FED. AID PROJECT	



MODEL: EX IL 16 - STAGE 3A DRAINAGE-4 (Sheet)  
 FILE NAME: c:\p\work\hrtz\hrtz\1065282\074435-sheets-Drainage-Stage3A.dgn

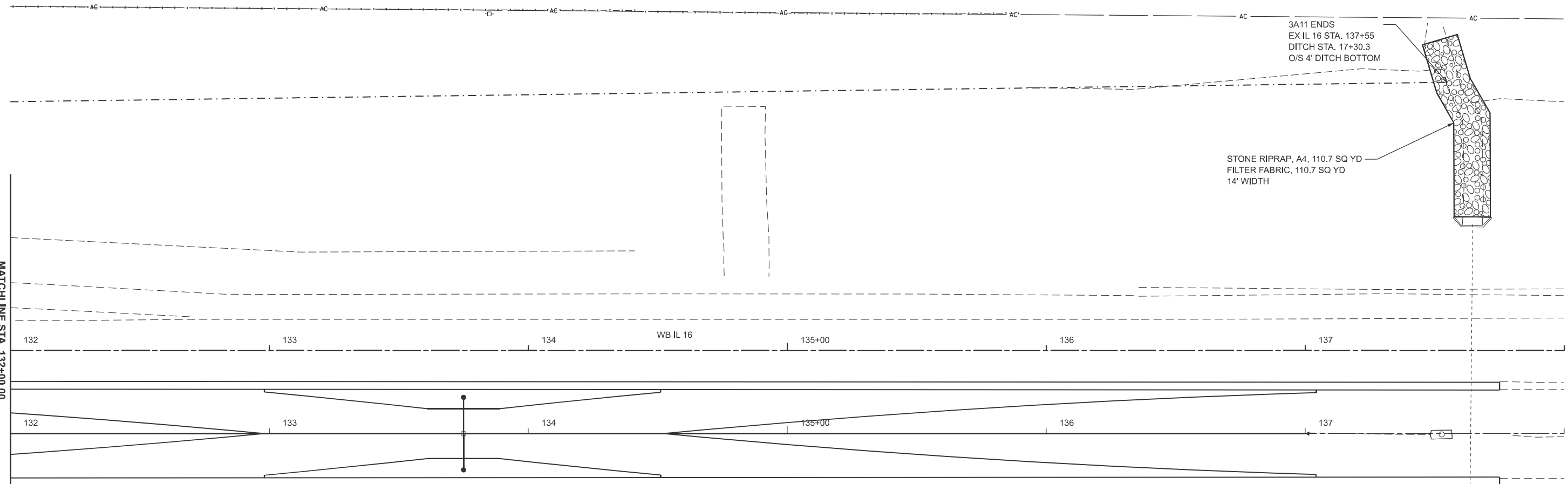
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 3A: EX IL 16**

SCALE: 1"=20'    SHEET 9    OF 24    SHEETS    STA. 126+00.00    TO 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				



MODEL: EX IL 16 - STAGE 3A DRAINAGE-5 (Sheet)  
FILE NAME: c:\p\work\wv\hrtz\hrtz\1065282\074435-sheets-Drainage-Stage3A.dgn

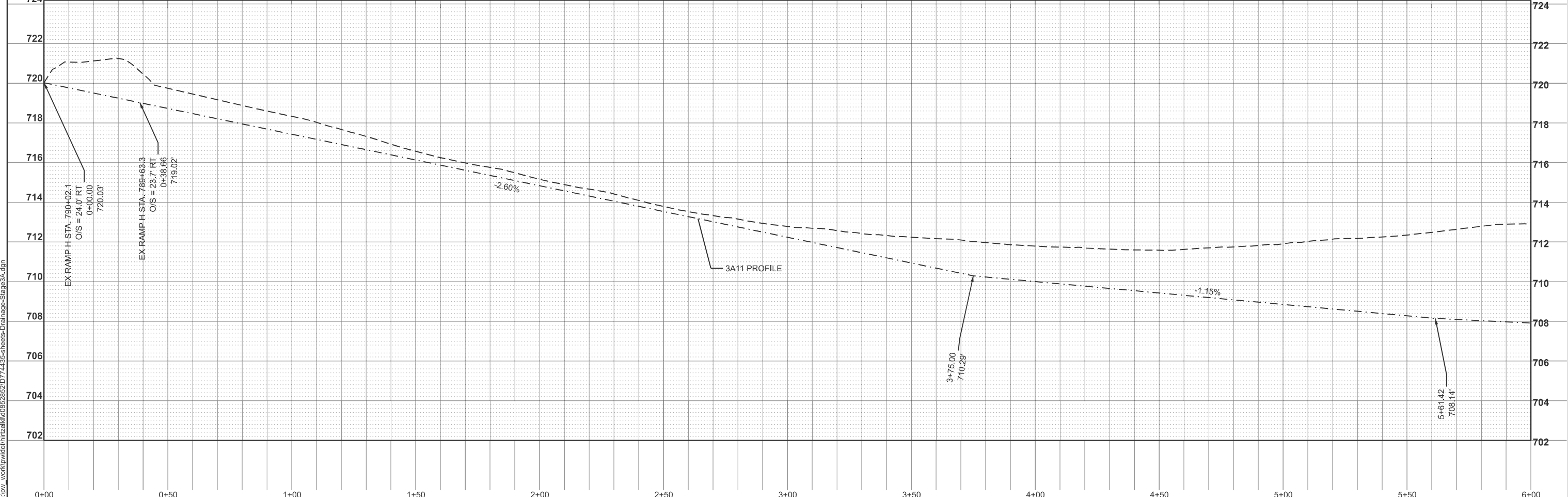
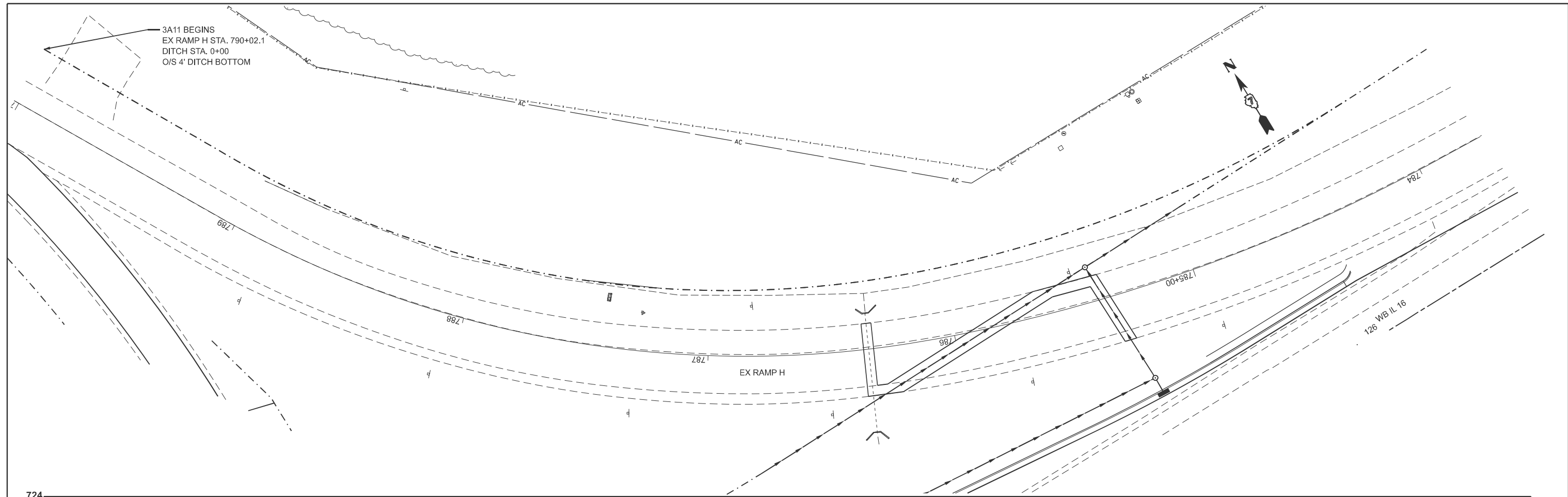
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
STAGE 3A: EX IL 16**

SCALE: 1"=20'    SHEET 10 OF 24 SHEETS    STA. 132+00.00 TO STA. 138+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	465
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: \\B16\_LTD\ch - EX RAMP H DITCH PLAN (Sheet)  
 FILE NAME: c:\p\work\hrtz\hrtz\100852852\074435\sheet\Drainage-Stage3A.dgn

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

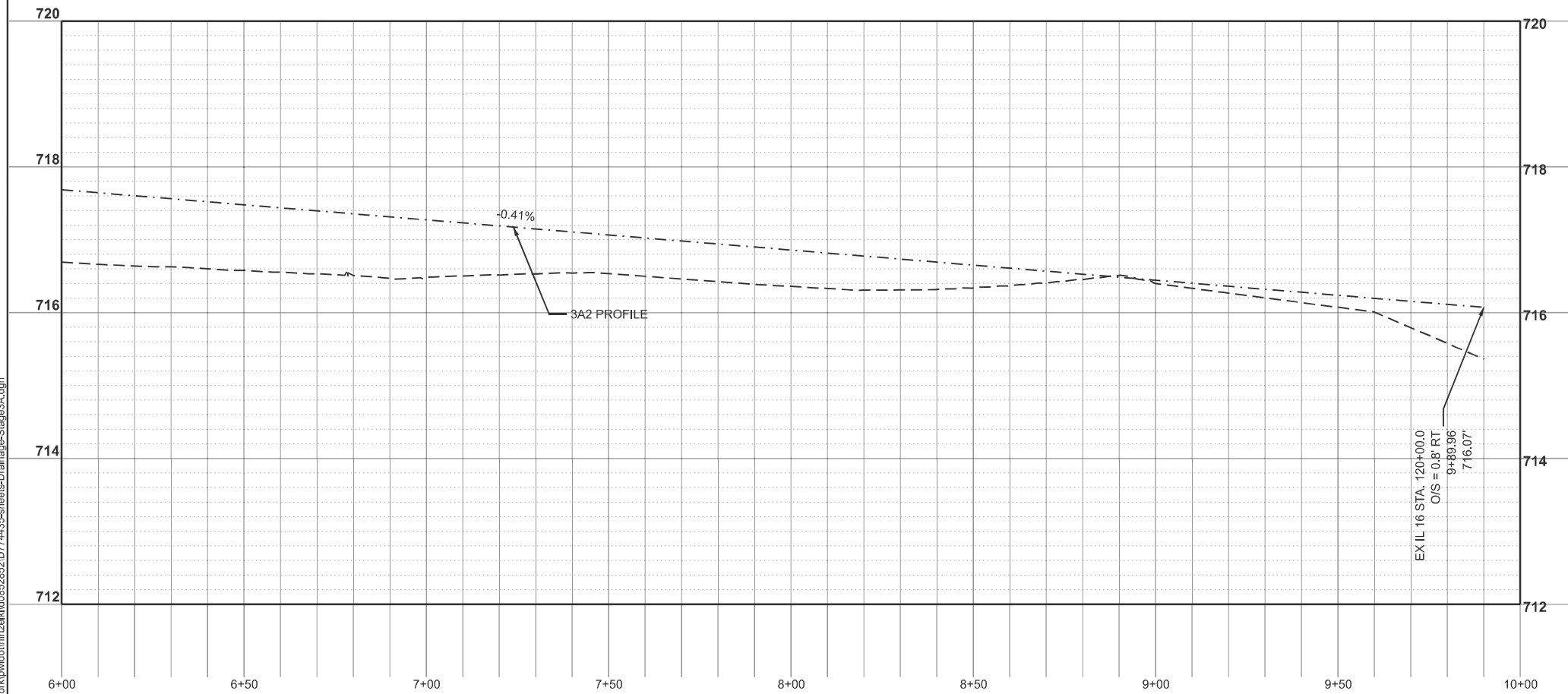
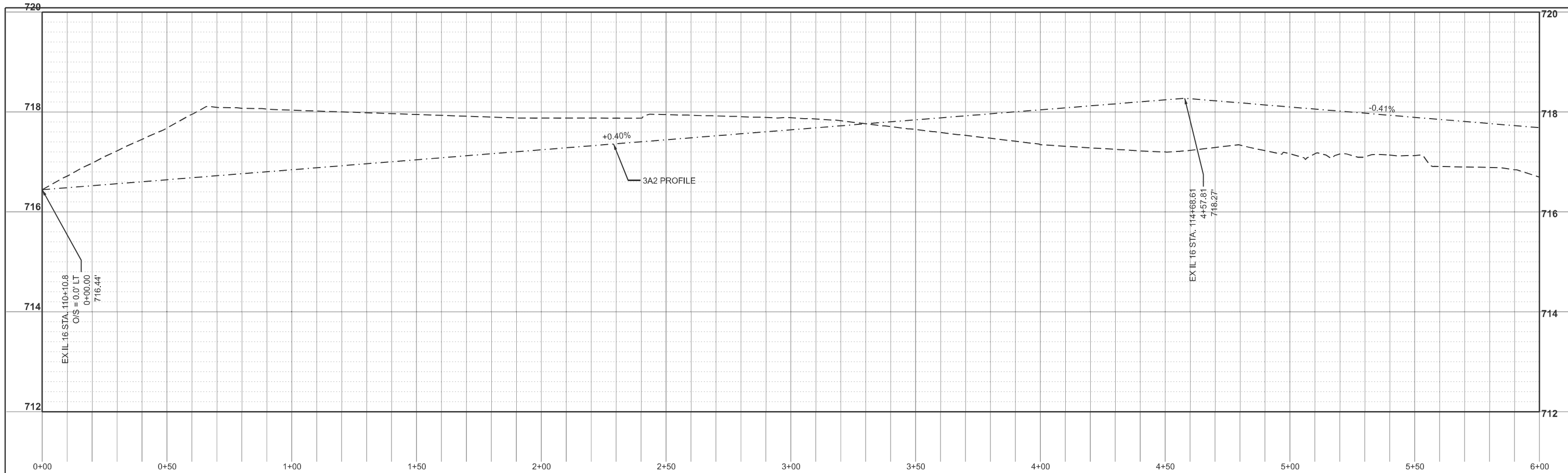
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 3A: EX RAMP H**

SCALE: 1"=20'    SHEET 11 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	466
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				





MODEL: GeomScratch - IL 16 MIDDLE MEDIAN DITCH PROFILE (Sheet)  
 FILE NAME: c:\p\work\hartzel\hartzel\10852852\074435-sheets-Drainage-Stage3A.dgn

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

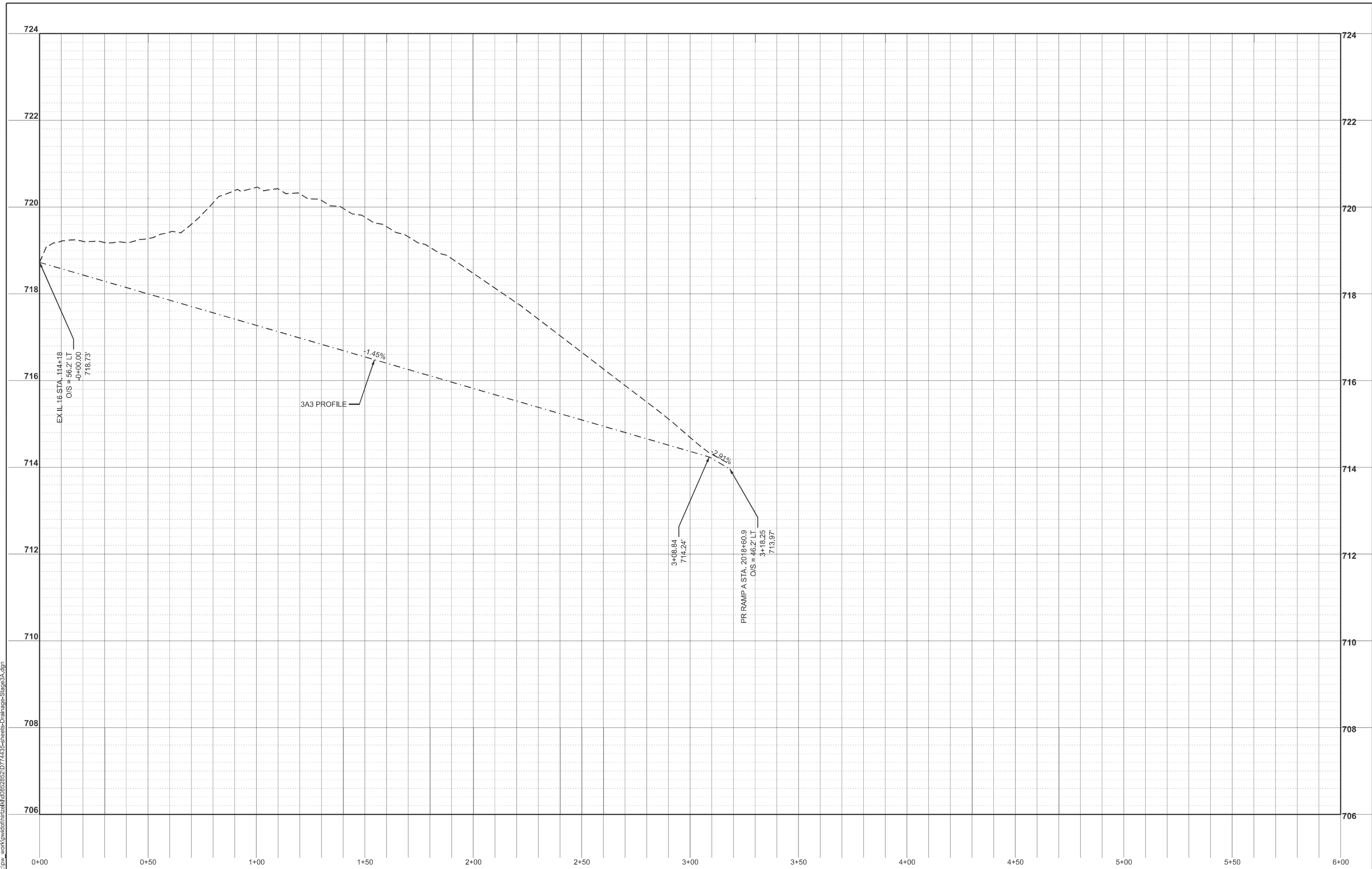
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 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: C:\hmg2-3A3 DITCH PROFILE (Sheet)  
 FILE NAME: c:\p\work\hrtz\hrtz\kld0652852\074435-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: 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: GDBot - 3A4 DITCH PROFILE (Sheet)  
FILE NAME: c:\p\work\hartzel\hartzel\10682852\074435-sheets\Drainage-Stage3A.dgn



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

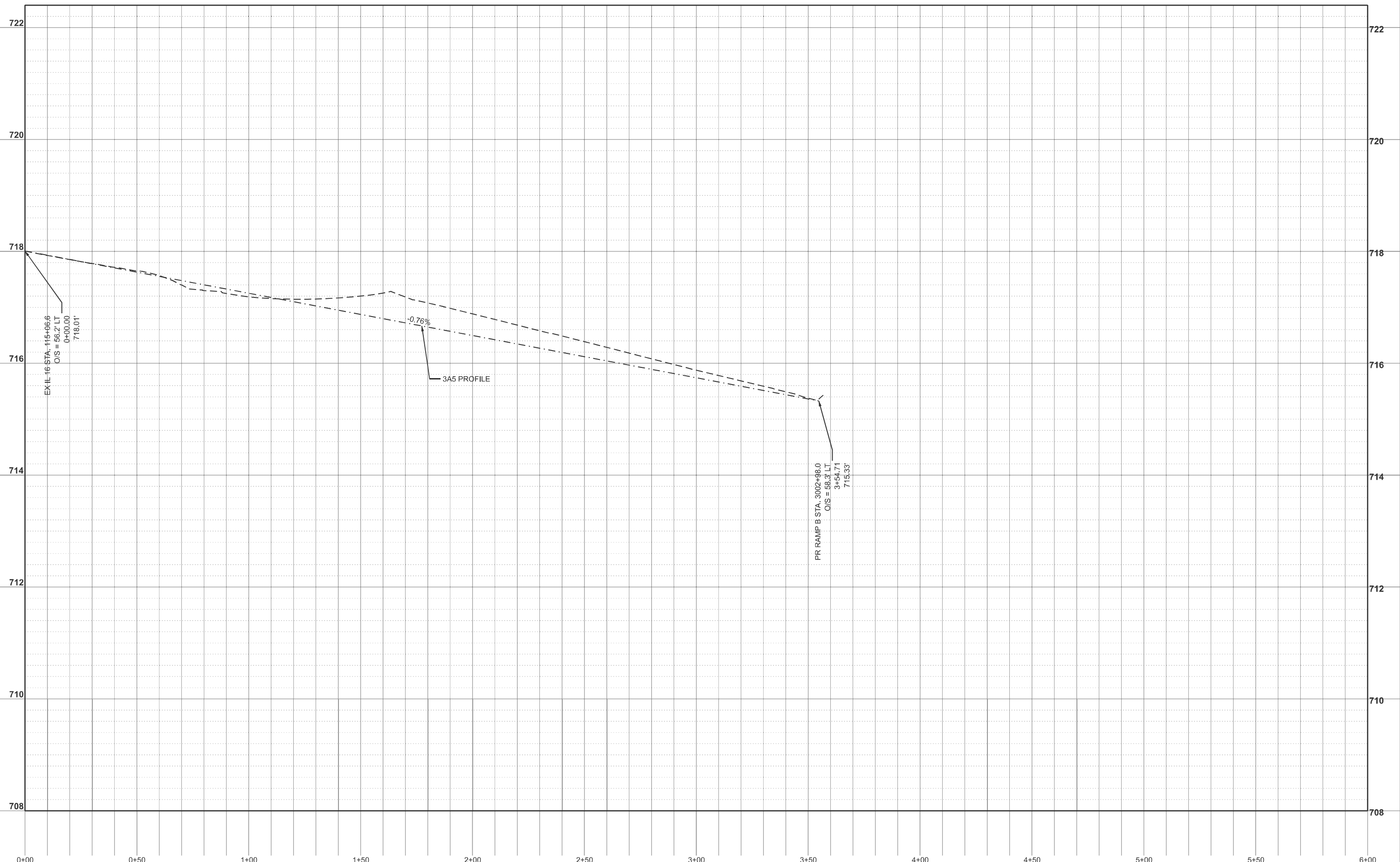
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**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

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: GeomScratch - 3A5 DITCH PROFILE (Sheet)  
 FILE NAME: c:\p\work\hartzel\14085282\174435-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**

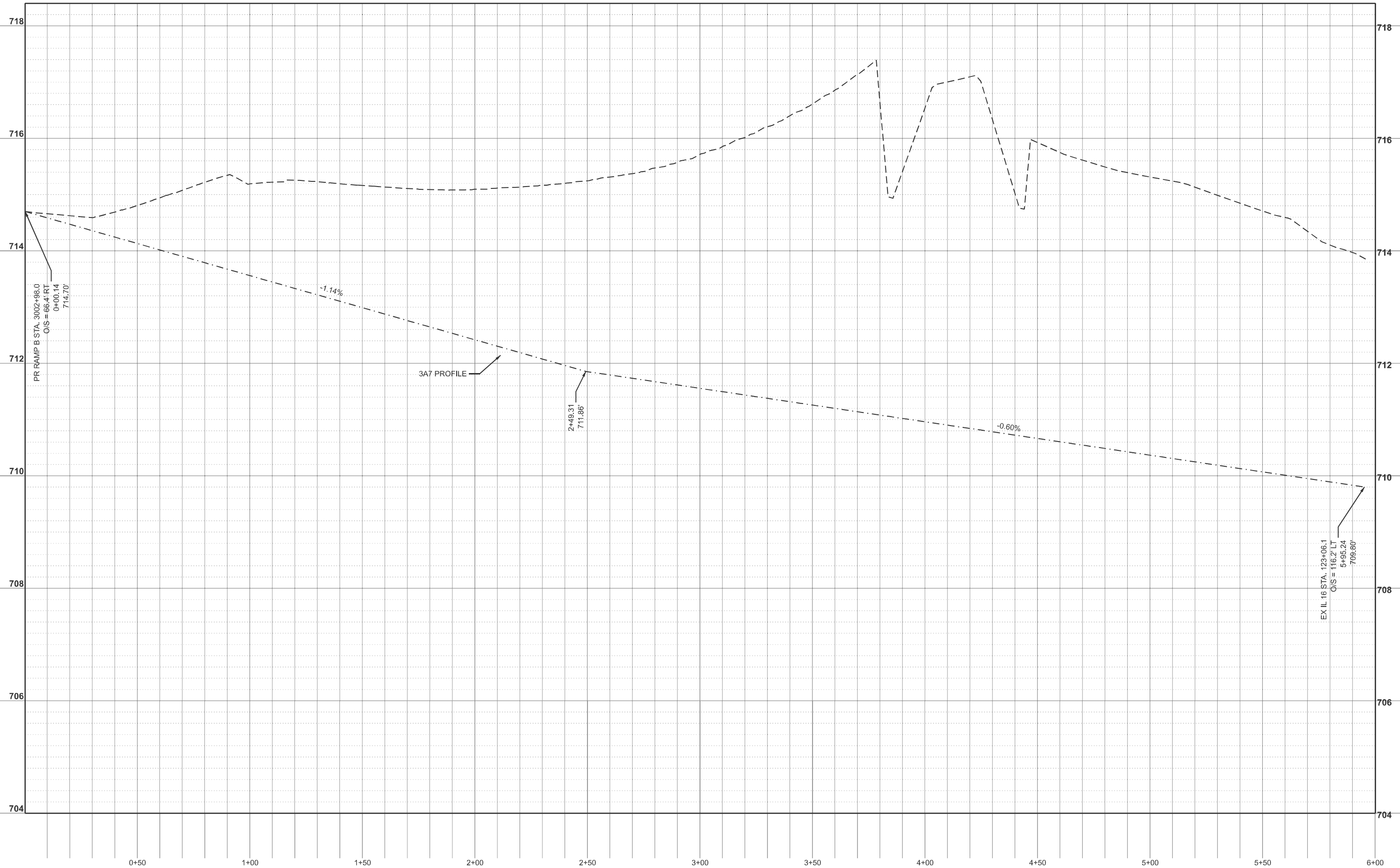
**DRAINAGE PLAN & PROFILE  
 STAGE 3A: 3A5 DITCH PROFILE**

SCALE: 1"=20'      SHEET 16 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	471
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: Plan-7-3A7 DITCH PROFILE-1 [Sheet]  
 FILE NAME: c:\pwwork\hartzel\1085282\174435-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: 3A7 DITCH PROFILE**

SCALE: 1"=20'      SHEET 18 OF 24 SHEETS      STA. 0+00.14 TO STA. 6+00.14

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	473
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				

MODEL: GeomScratch - 3A8 DITCH PROFILE (Sheet)  
 FILE NAME: c:\pwworking\hartzel\10852852\174435-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**

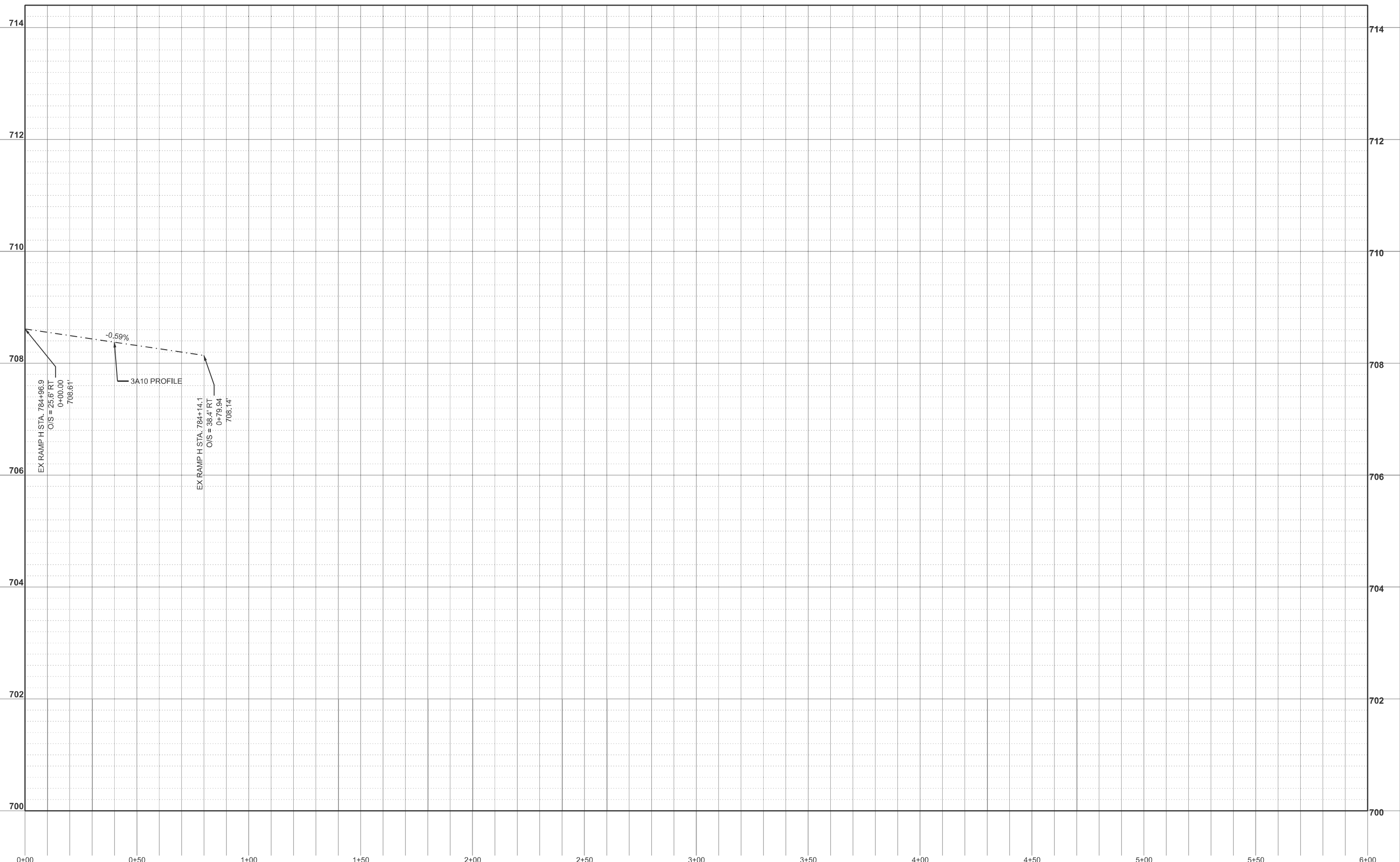
**DRAINAGE PLAN & PROFILE  
 STAGE 3A; 3A8 DITCH PROFILE**

SCALE: 1"=20'      SHEET 19 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	474
CONTRACT NO. 74435			ILLINOIS FED. AID PROJECT	



MODEL: GDB01 - 3A10 DITCH PROFILE (Sheet)  
 FILE NAME: c:\p\work\hartzel\hartzel\052852\074435-sheets\Drainage-Stage3A.dgn



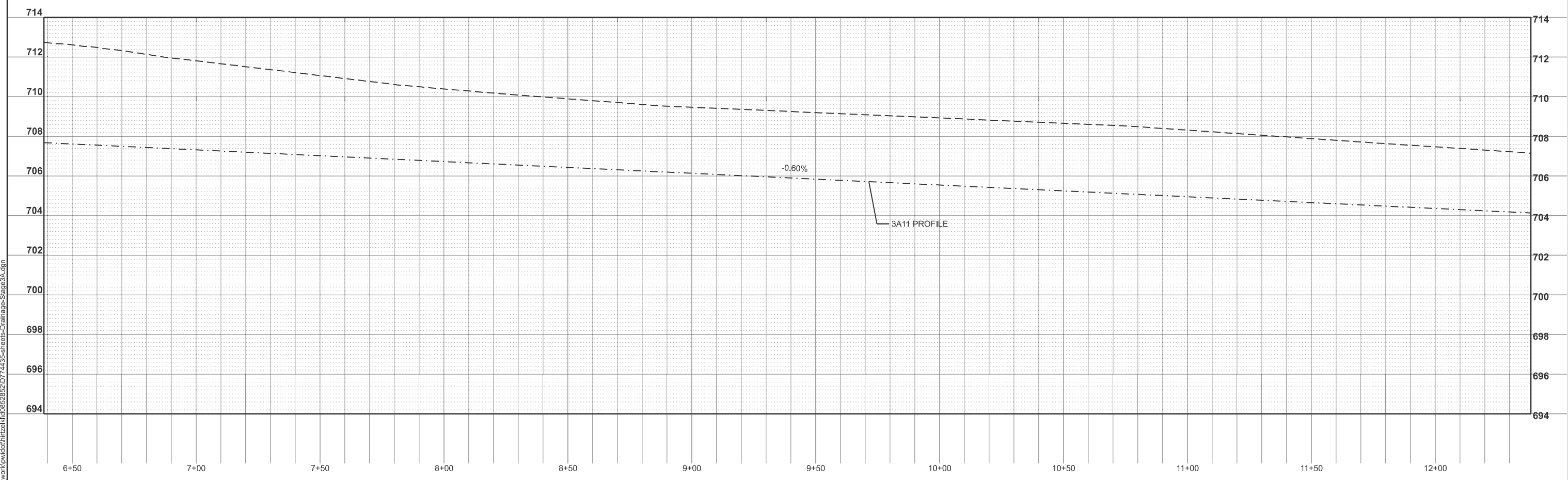
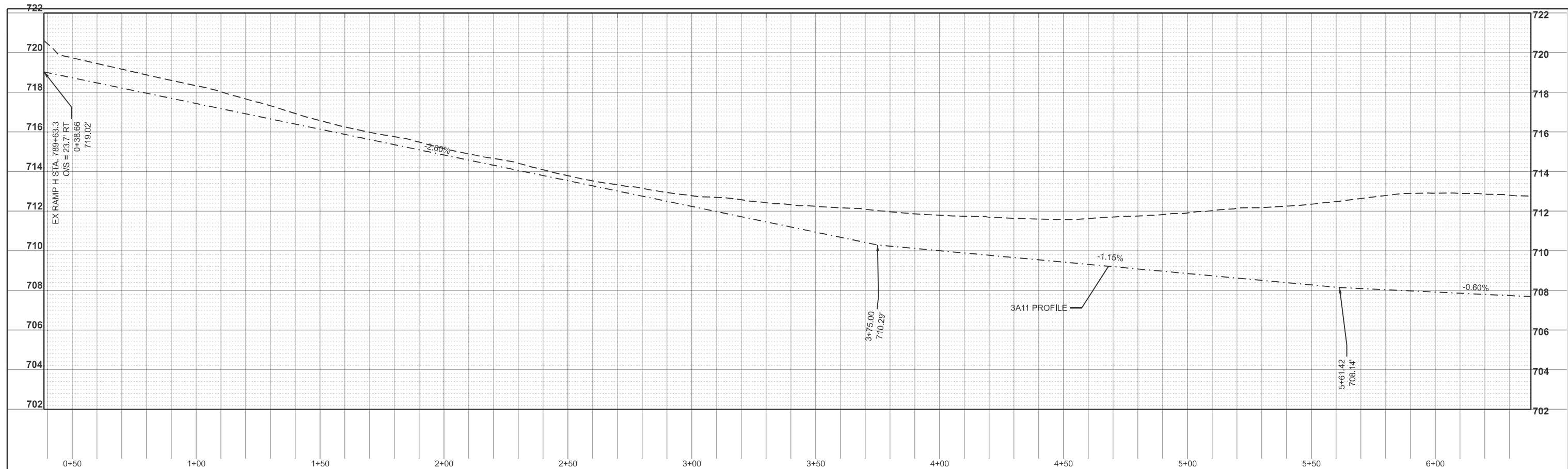
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 3A: 3A10 DITCH PROFILE**

SCALE: 1"=20'      SHEET 21 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	476
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: G:\B04\4-3A11 DITCH PROFILE (Sheet)  
FILE NAME: c:\p\work\hrtz\hrtz\100852852\074435-sheets\Drainage-Stage3A.dgn

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

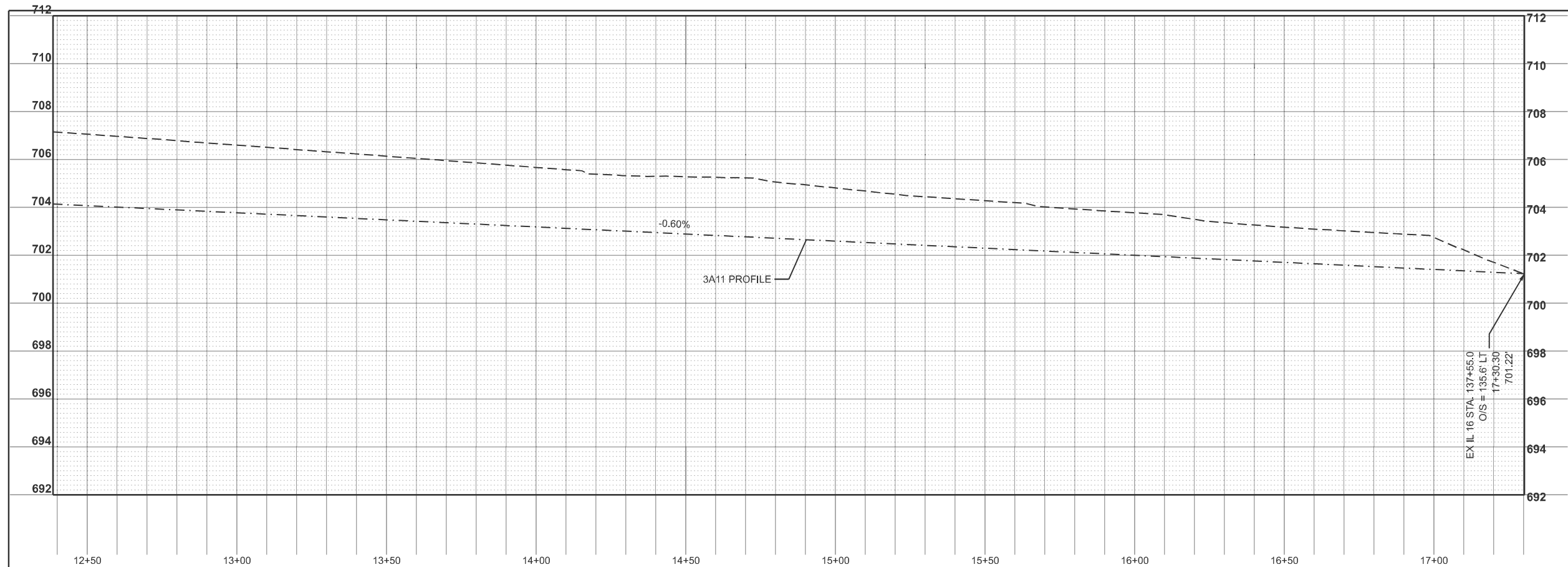
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**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:\DB\04 - 3A11 DITCH PROFILE-2 (Sheet)  
 FILE NAME: c:\p\work\hrtz\hrtz\100852852\074435-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**

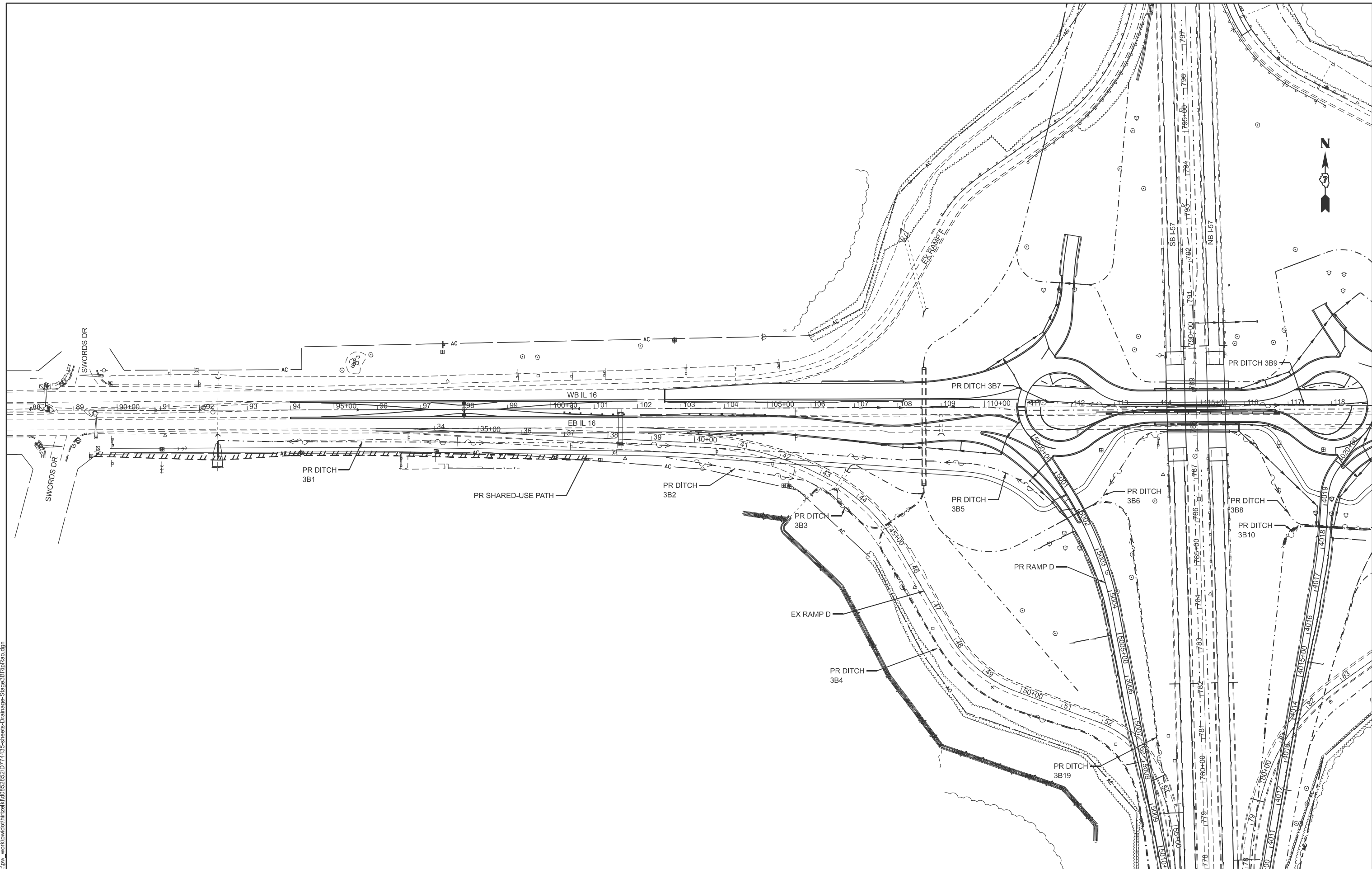
**DRAINAGE PLAN & PROFILE  
 STAGE 3A: 3A11 DITCH PROFILE**

SCALE: 1"=20'      SHEET 23 OF 24 SHEETS      STA. 12+38.65 TO STA. 17+30.30

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	478
CONTRACT NO. 74435				
		ILLINOIS	FED. AID PROJECT	



MODEL: STAGE 3B EAST (Sheet)  
 FILE NAME: c:\p\work\hartzel\kud0852852\0774435-sheets-Drainage-Stage3B\rip\rap.dgn



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

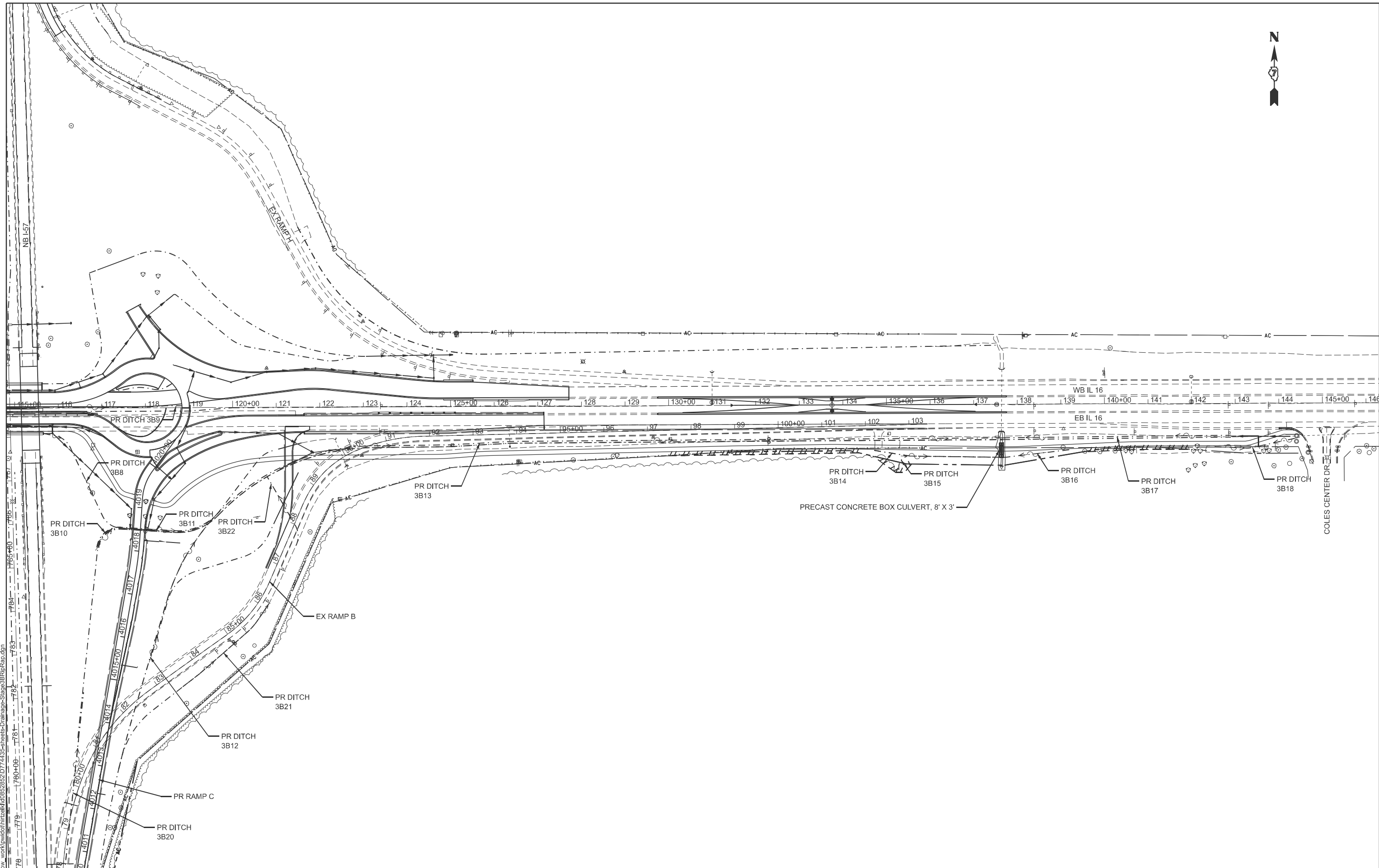
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 3B: WEST OVERALL VIEW**

SCALE: SHEET 1 OF 47 SHEETS STA. TO STA.

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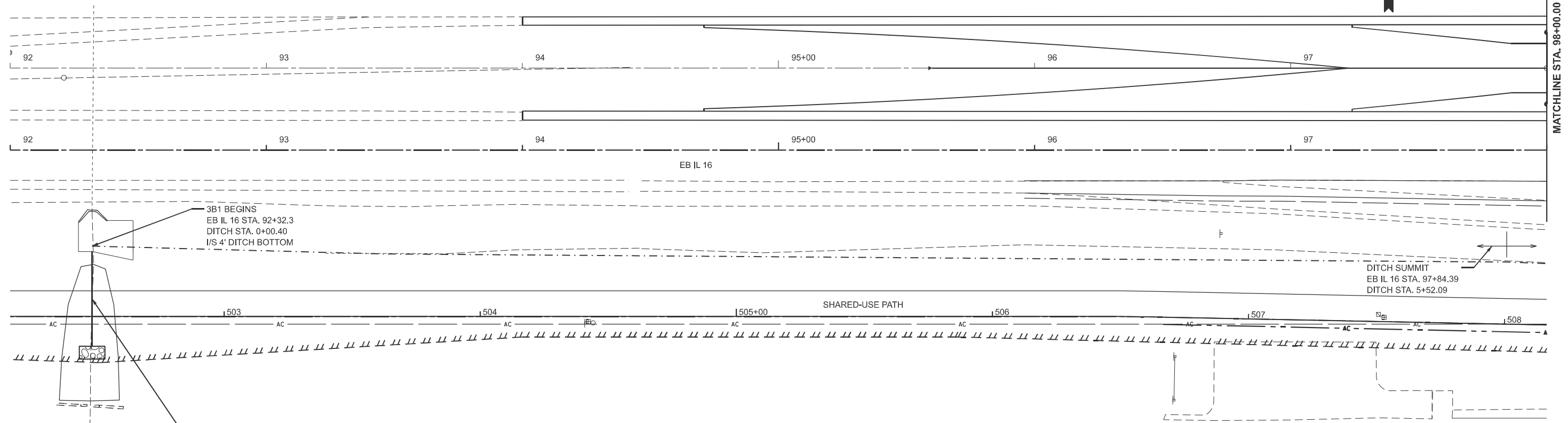
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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = 8/20/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
STAGE 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				



3B1 BEGINS  
 EB IL 16 STA. 92+32.3  
 DITCH STA. 0+00.40  
 1/8 4' DITCH BOTTOM

DITCH SUMMIT  
 EB IL 16 STA. 97+84.39  
 DITCH STA. 5+52.09

PIPE CULVERTS, CLASS A, TYPE 2, EQUIVALENT ROUND SIZE 42", L = 21.0'  
 PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND SIZE 42", 2 EACH  
 SHARED-USE PATH STA. 502+48.3, SLOPE = 2.13%  
 U/S ELEVATION = 721.59, O/S = 11.6' RT  
 D/S ELEVATION = 720.80, O/S = 25.4' LT

MATCHLINE STA. 98+00.00

MODEL: E:\IL 16 - New\IL16 (Sheet)  
 FILE NAME: c:\p\work\hrtz\hrtz\kud0852852\074435-sheets-Drainage-Stage3B.dgn

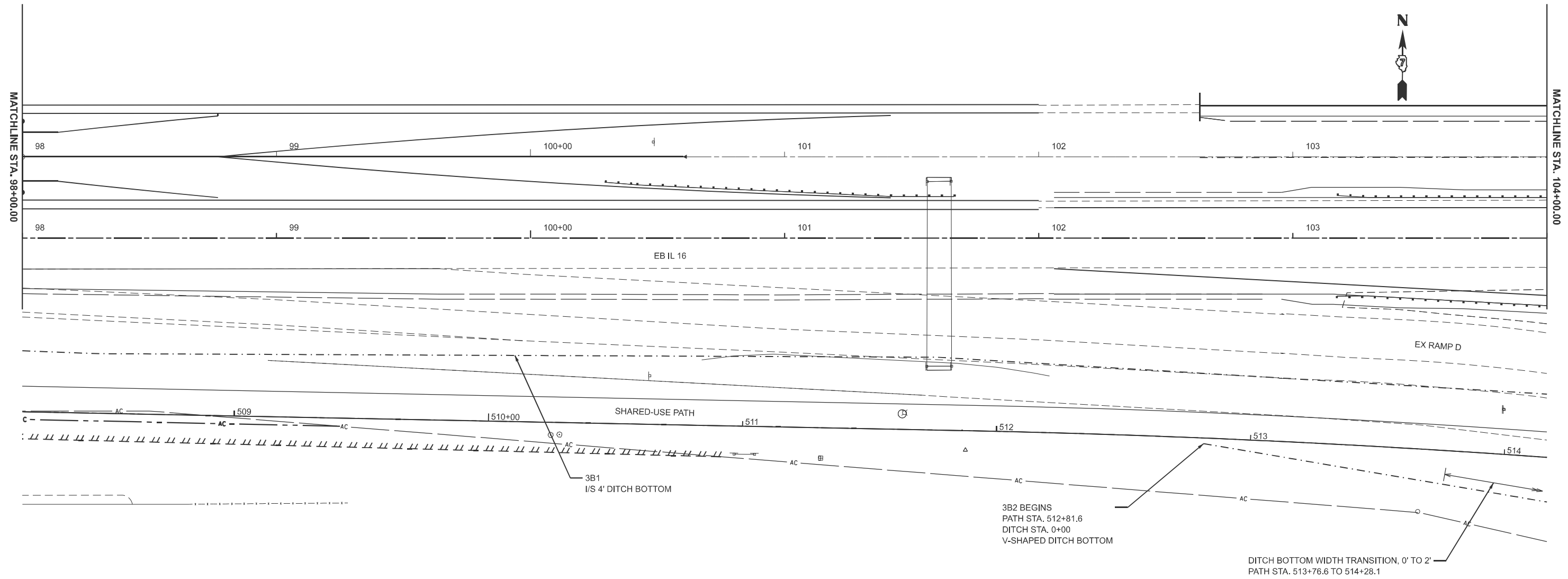
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**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				



MODEL: Ex\_IL\_IL16-NewIL17 [Sheet]  
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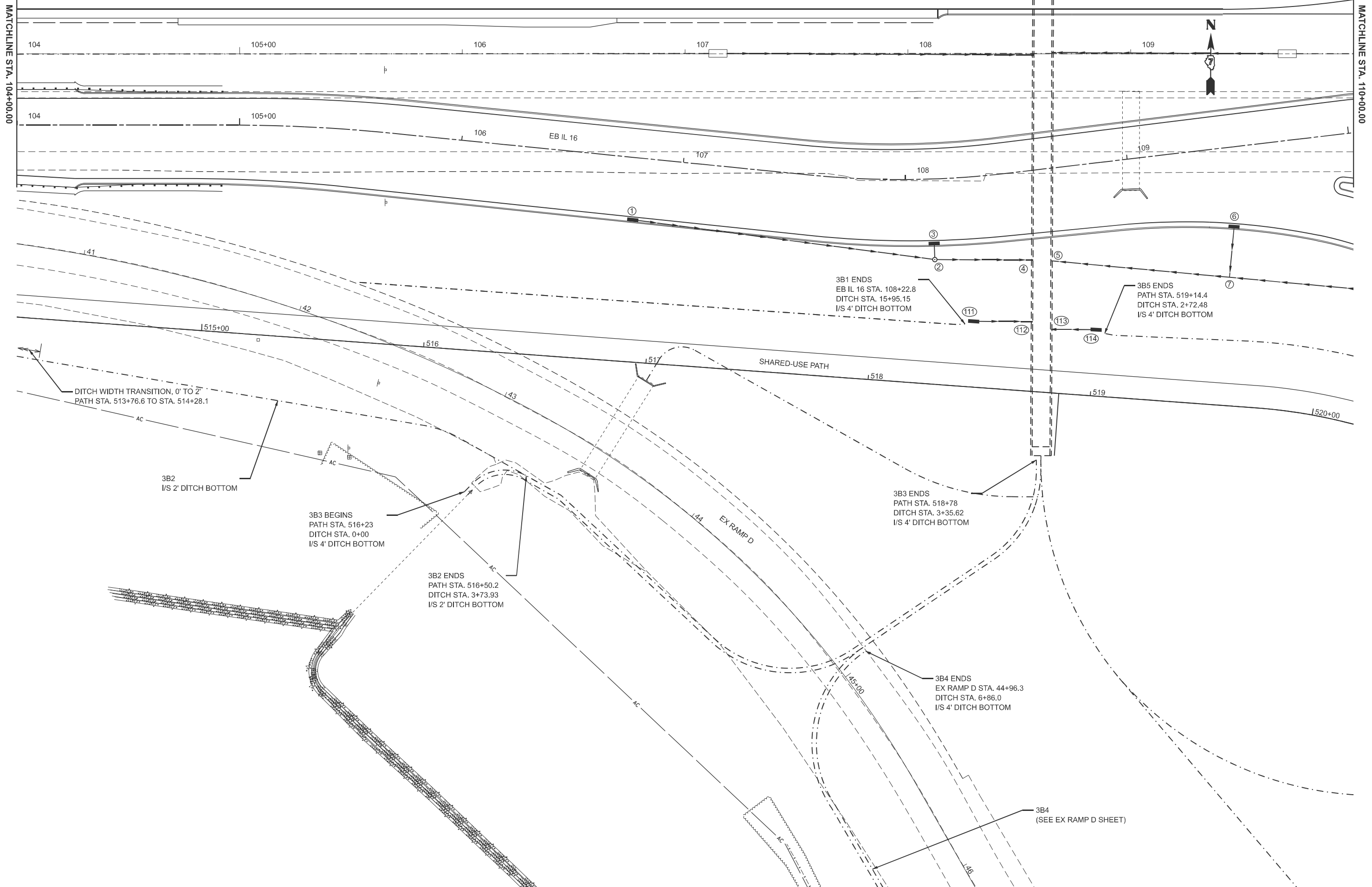
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**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-NewIL18 (Sheet)  
 FILE NAME: c:\p\work\hrtz\hrtz\110\0852852\0774435-sheets-Drainage-Stage3B.dgn

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

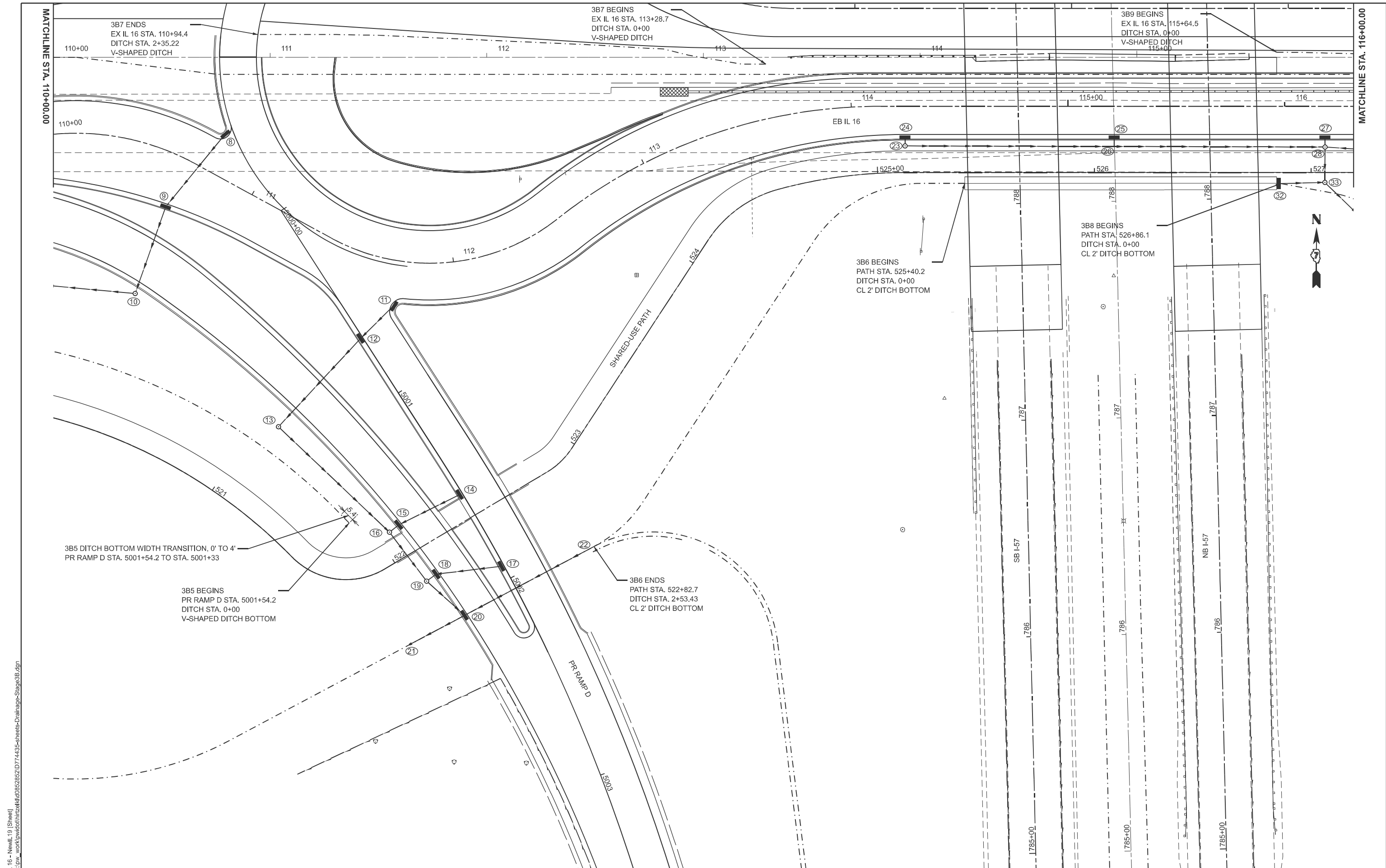
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 3B: EB IL 16**

SCALE: 1"=20'    SHEET 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				





MODEL: EX IL 16 - NewIL19 (Sheet)  
 FILE NAME: c:\p\work\hrt\hrt\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.A.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				

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

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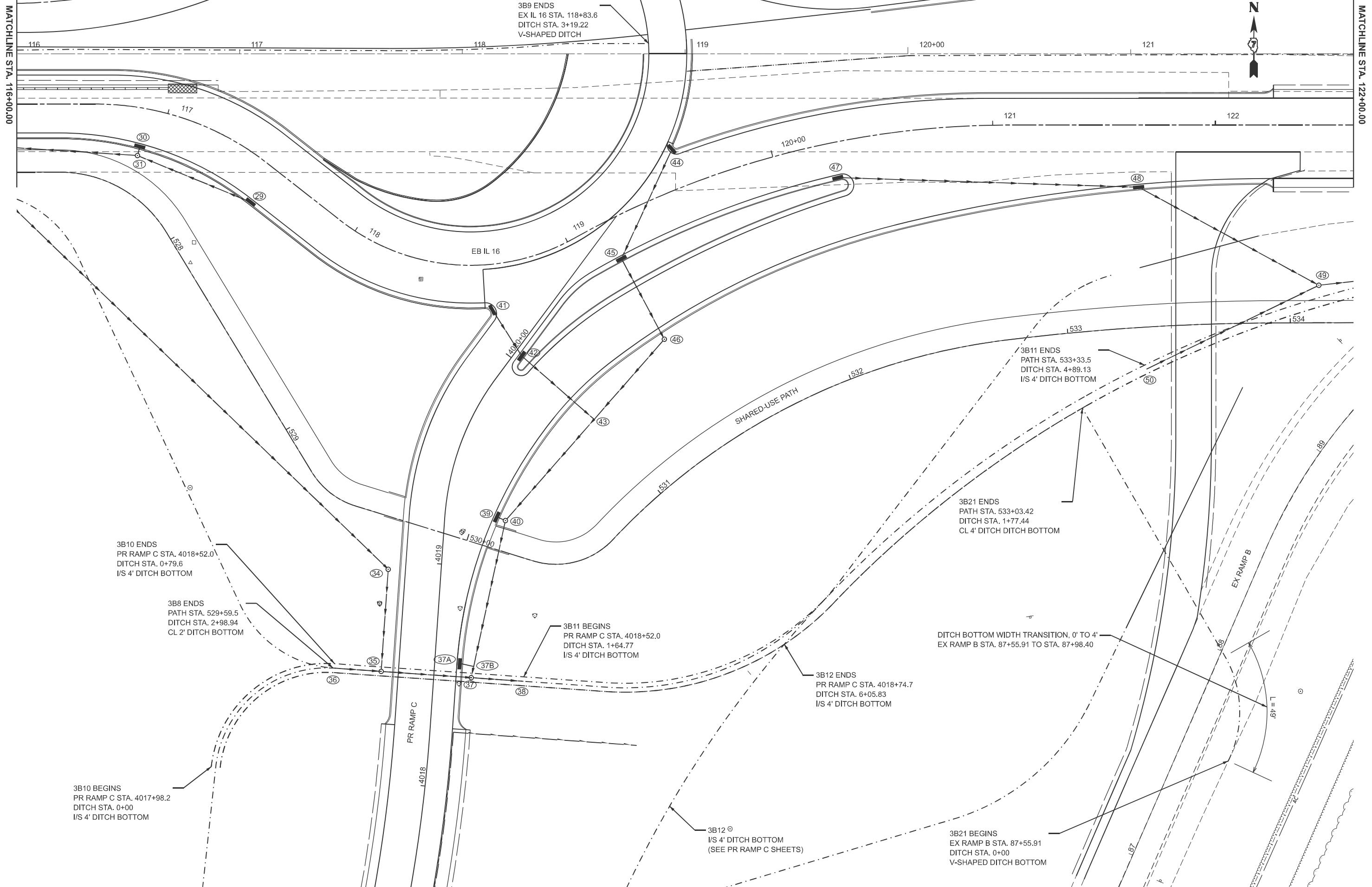
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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
STAGE 3B: STORM SEWER SCHEDULE**

SCALE: SHEET 8 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	487
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



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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				

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

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

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE**  
**STAGE 3B: STORM SEWER SCHEDULE**

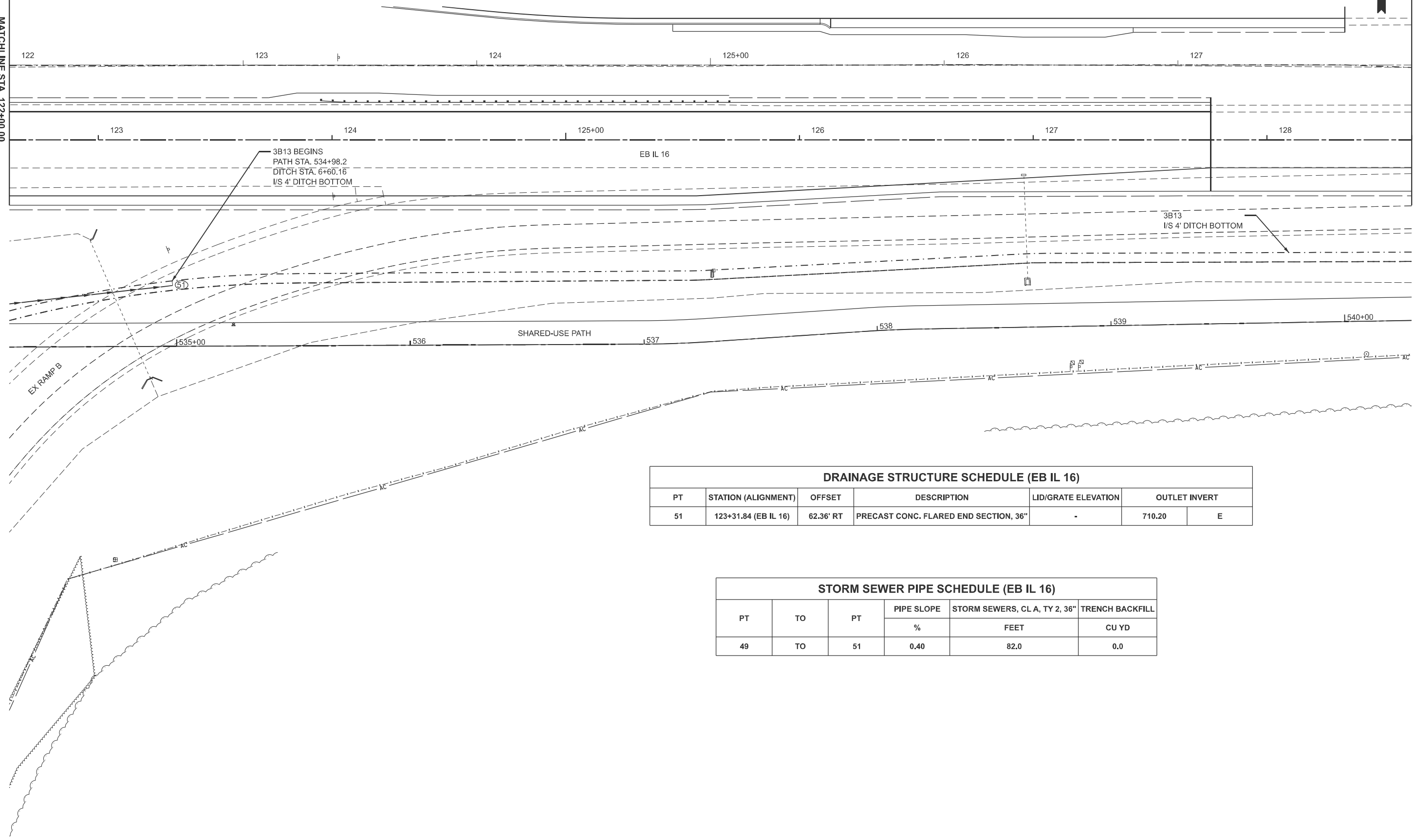
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	489
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 122+00.00

MATCHLINE STA. 128+00.00



**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

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	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

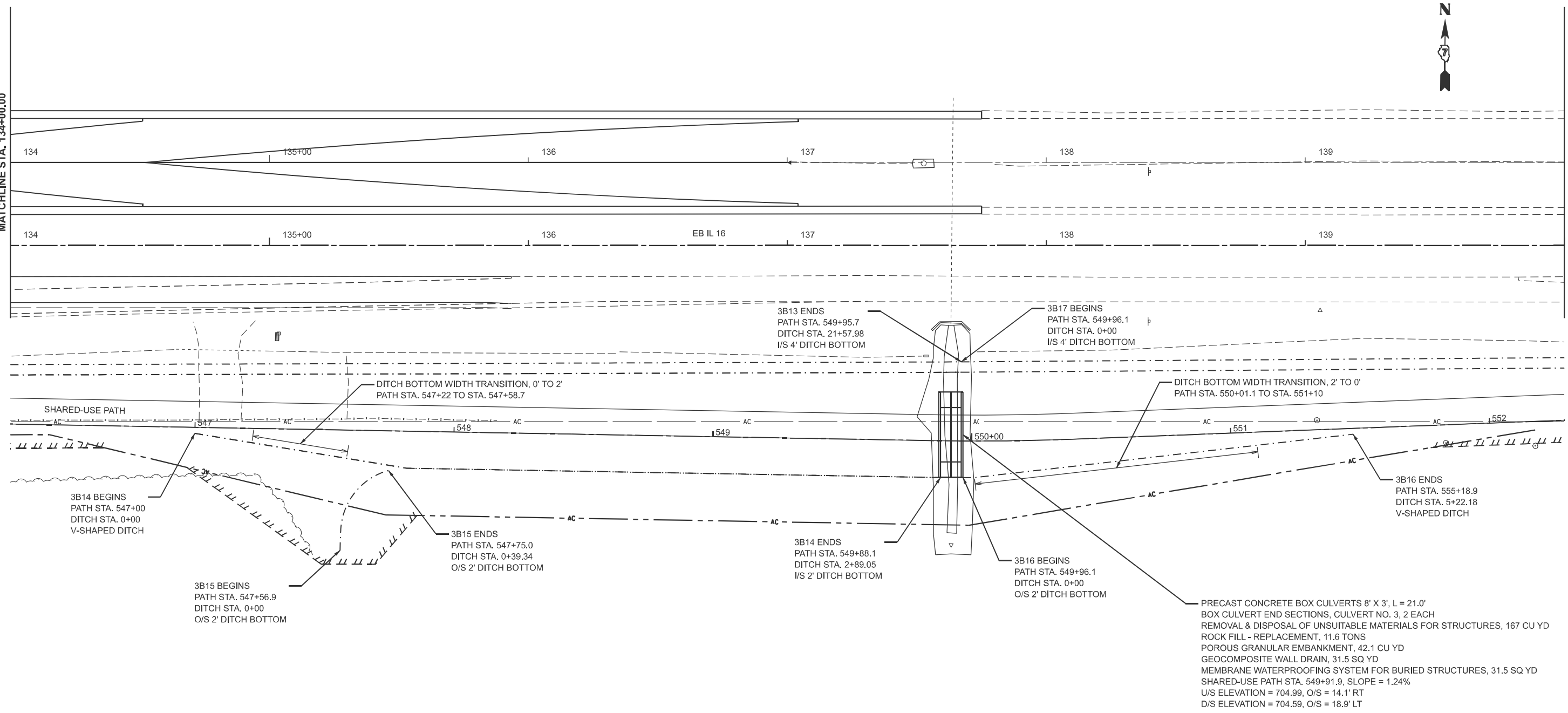
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	490
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				





MATCHLINE STA. 134+00.00

MATCHLINE STA. 140+00.00



PRECAST CONCRETE BOX CULVERTS 8' X 3', L = 21.0'  
 BOX CULVERT END SECTIONS, CULVERT NO. 3, 2 EACH  
 REMOVAL & DISPOSAL OF UNSUITABLE MATERIALS FOR STRUCTURES, 167 CU YD  
 ROCK FILL - REPLACEMENT, 11.6 TONS  
 POROUS GRANULAR EMBANKMENT, 42.1 CU YD  
 GEOCOMPOSITE WALL DRAIN, 31.5 SQ YD  
 MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES, 31.5 SQ YD  
 SHARED-USE PATH STA. 549+91.9, SLOPE = 1.24%  
 U/S ELEVATION = 704.99, O/S = 14.1' RT  
 D/S ELEVATION = 704.59, O/S = 18.9' LT

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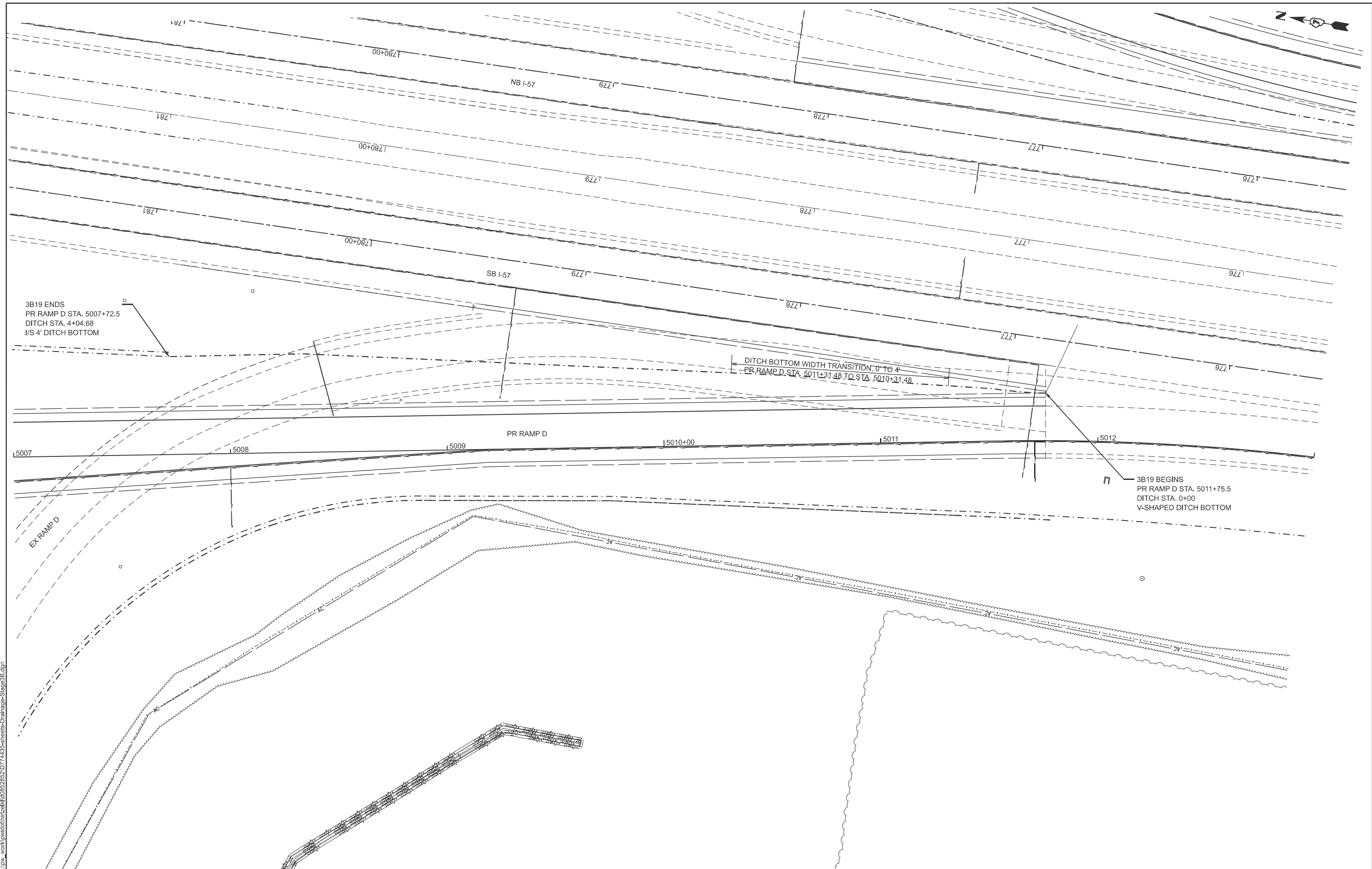
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**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				





3B19 ENDS  
 PR RAMP D STA. 5007+72.5  
 DITCH STA. 4+04.68  
 1/8" 4' DITCH BOTTOM

DITCH BOTTOM WIDTH TRANSITION, 0' TO 4'  
 PR RAMP D STA. 5011+31.48 TO STA. 5010+31.48

3B19 BEGINS  
 PR RAMP D STA. 5011+75.5  
 DITCH STA. 0+00  
 V-SHAPED DITCH BOTTOM

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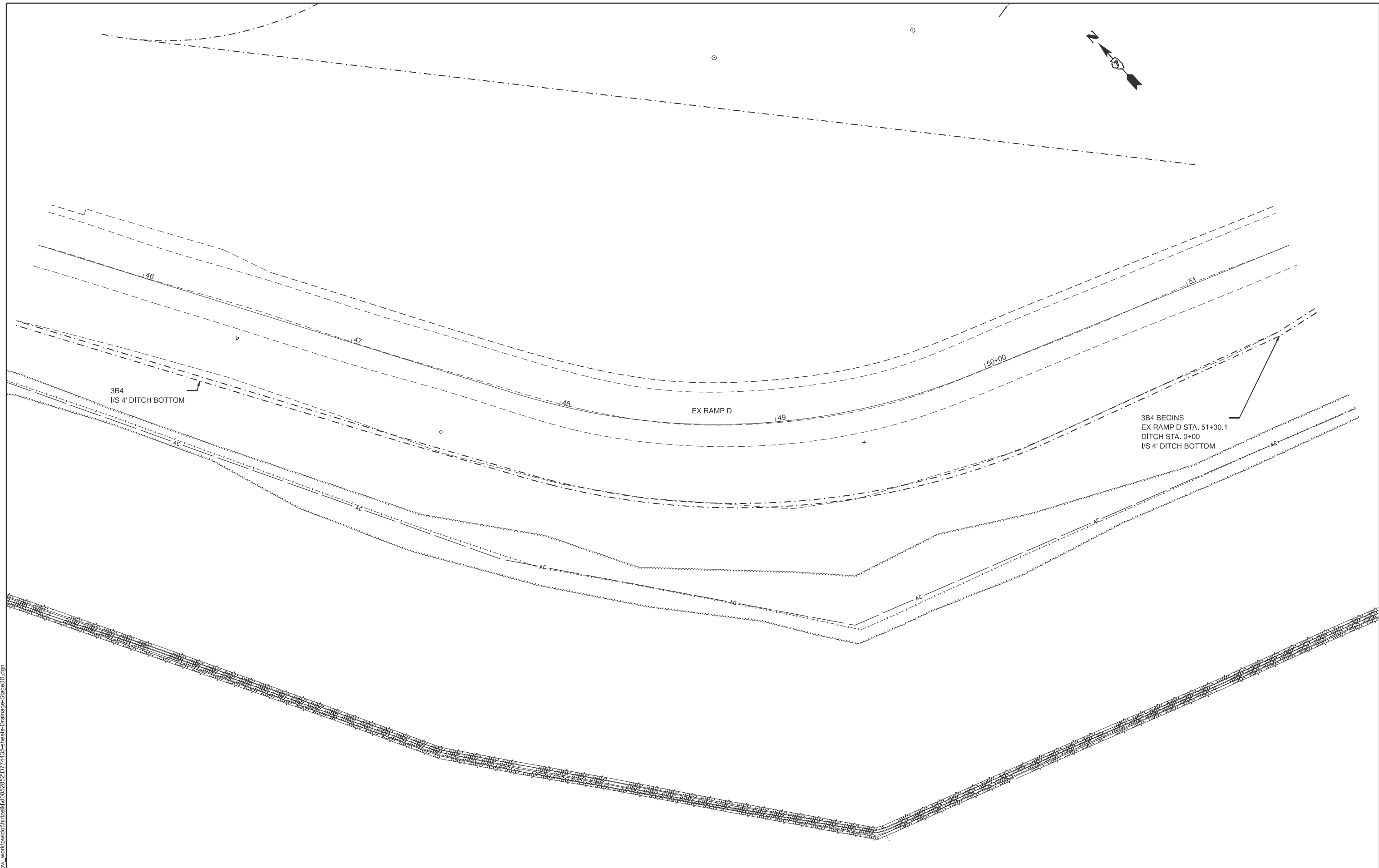
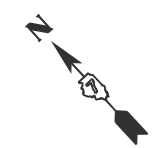
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 3B: PR RAMP D**

SCALE: 1"=20'      SHEET 15 OF 47 SHEETS      STA. 5007+00.00 TO STA. 5013+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	494
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



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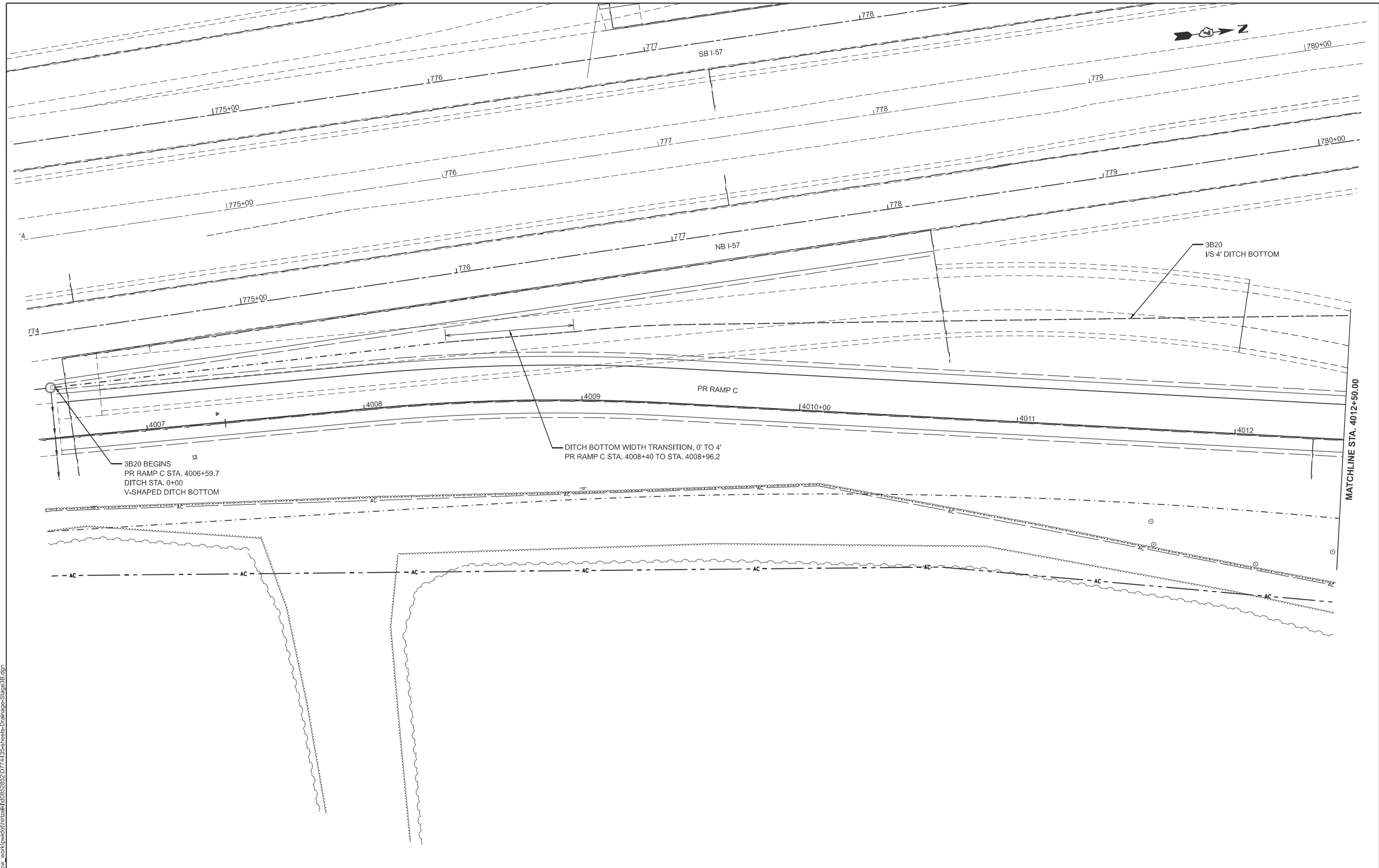
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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 3B: EX RAMP D**

SCALE: 1"=20'      SHEET 16    OF   47   SHEETS    STA. 45+50.00    TO STA. 51+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	495
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: RAMPC-NBOFF - NewPR Ramp C (Sheet)  
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3B20 BEGINS  
 PR RAMP C STA. 4006+59.7  
 DITCH STA. 0+00  
 V-SHAPED DITCH BOTTOM

DITCH BOTTOM WIDTH TRANSITION, 0' TO 4'  
 PR RAMP C STA. 4008+40 TO STA. 4008+96.2

MATCHLINE STA. 4012+50.00

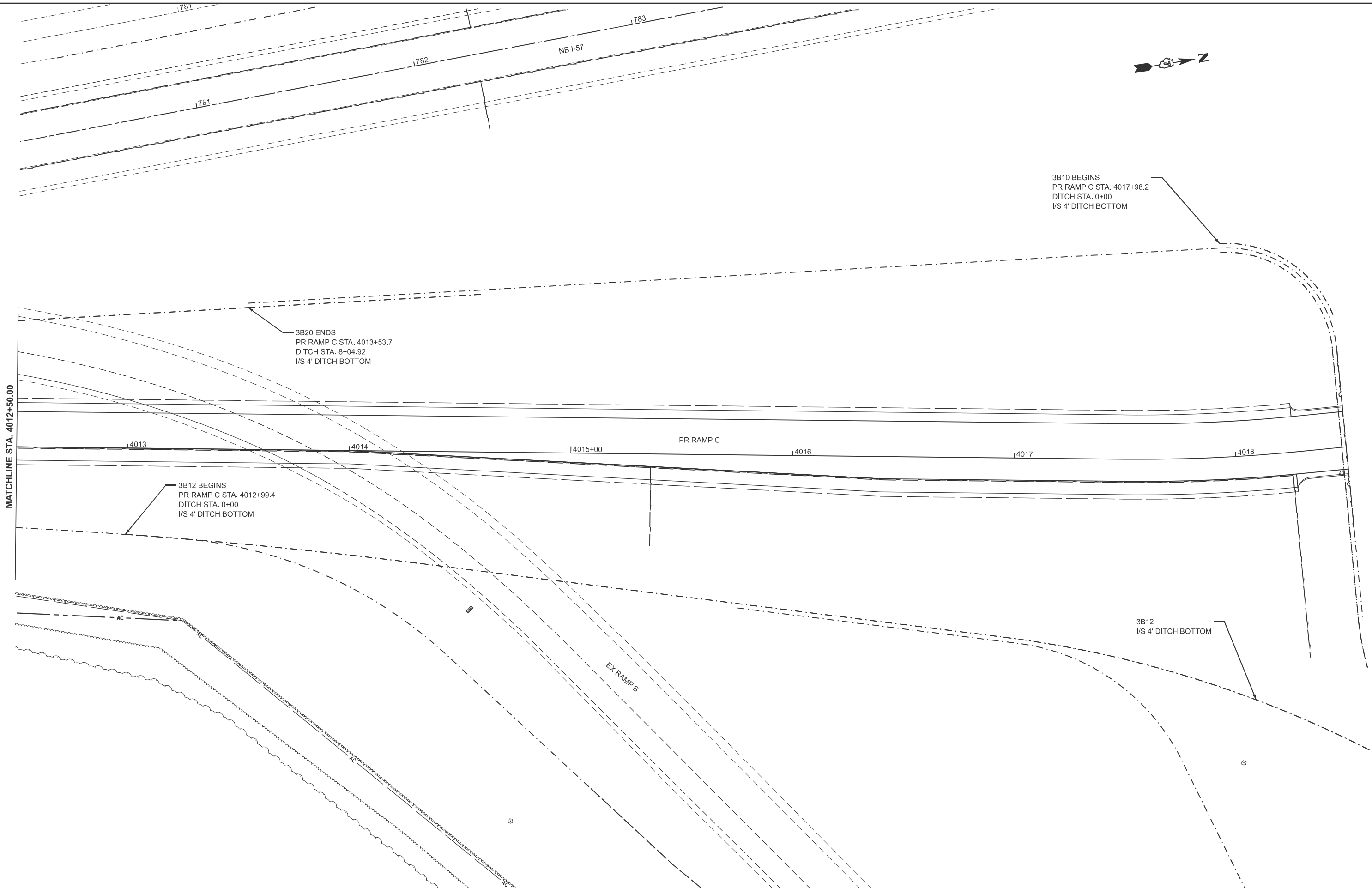
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**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				



MATCHLINE STA. 4012+50.00

3B20 ENDS  
PR RAMP C STA. 4013+53.7  
DITCH STA. 8+04.92  
1/8 4' DITCH BOTTOM

3B12 BEGINS  
PR RAMP C STA. 4012+99.4  
DITCH STA. 0+00  
1/8 4' DITCH BOTTOM

3B10 BEGINS  
PR RAMP C STA. 4017+98.2  
DITCH STA. 0+00  
1/8 4' DITCH BOTTOM

3B12  
1/8 4' DITCH BOTTOM

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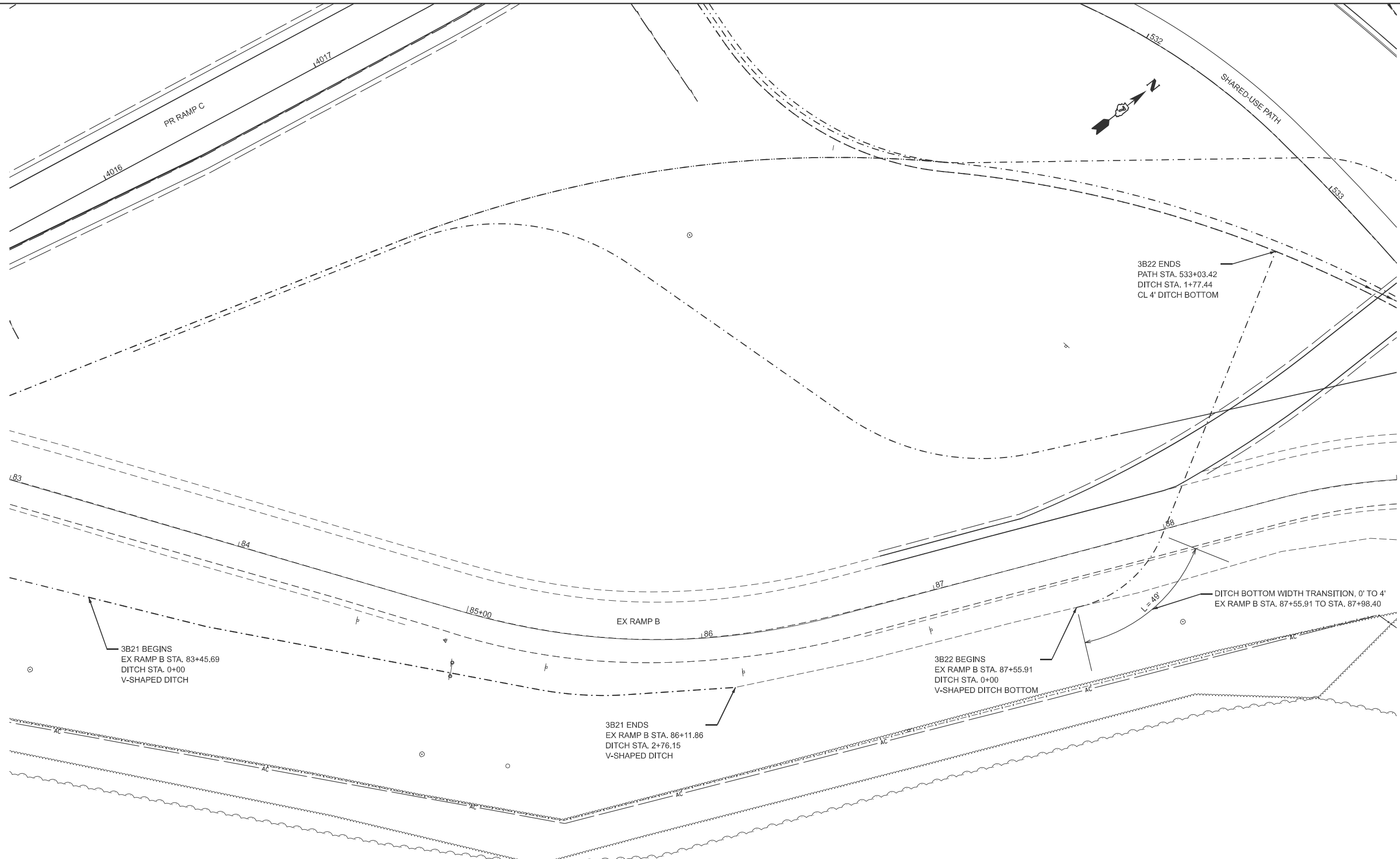
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**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

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: RAMP\_B - NewExRampB (Sheet)  
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3B21 BEGINS  
 EX RAMP B STA. 83+45.69  
 DITCH STA. 0+00  
 V-SHAPED DITCH

3B21 ENDS  
 EX RAMP B STA. 86+11.86  
 DITCH STA. 2+76.15  
 V-SHAPED DITCH

3B22 BEGINS  
 EX RAMP B STA. 87+55.91  
 DITCH STA. 0+00  
 V-SHAPED DITCH BOTTOM

3B22 ENDS  
 PATH STA. 533+03.42  
 DITCH STA. 1+77.44  
 CL 4' DITCH BOTTOM

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

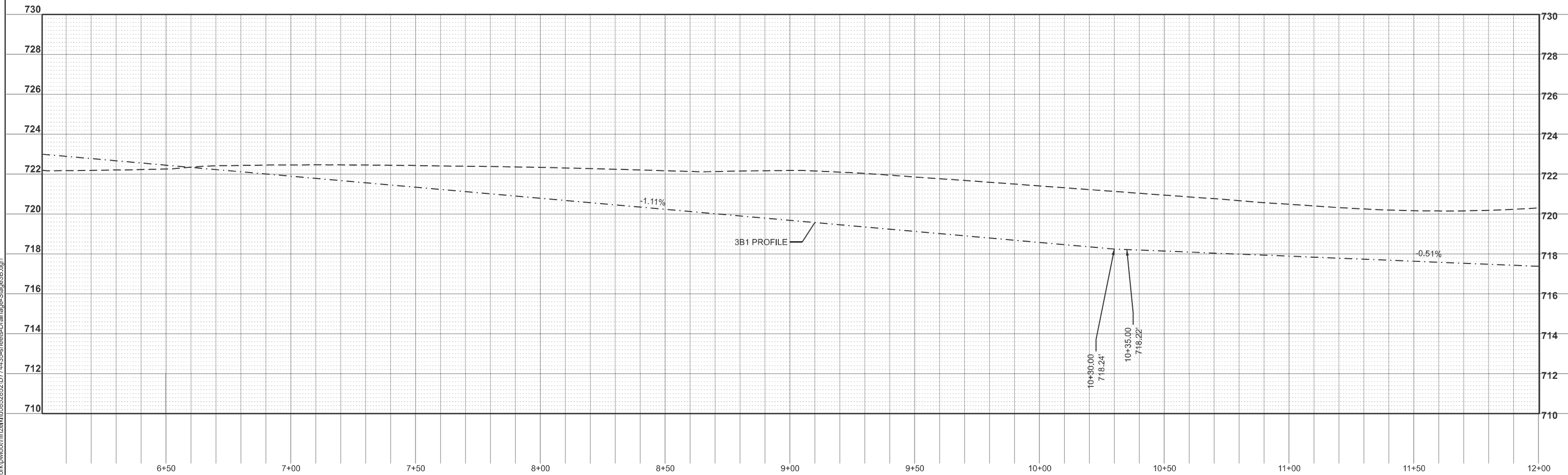
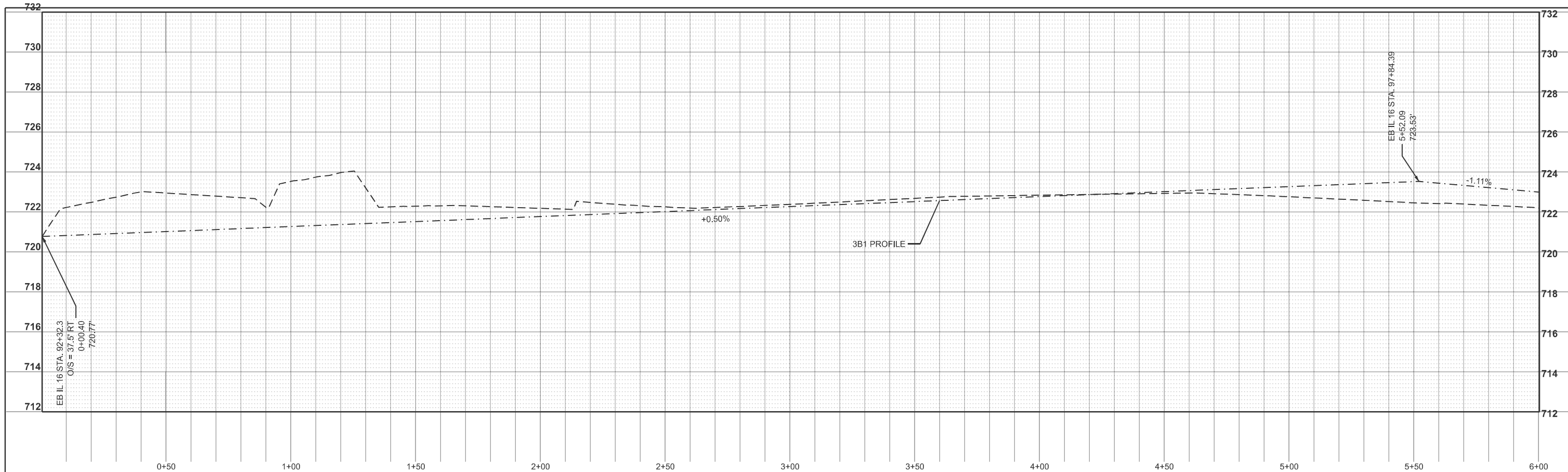
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE  
 STAGE 3B: EX RAMP B**

SCALE: 1"=20'      SHEET 19 OF 47 SHEETS      STA. 83+00.00 TO STA. 89+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22HB-4)BR (15-22)R	COLES	1086	498
CONTRACT NO. 74435				
ILLINOIS FED. AID PROJECT				



MODEL: GeomScratch3 - 3B1 DITCH PROFILE (Sheet)  
 FILE NAME: c:\p\work\hrtz\hrtz\hrtz\1006282\2024\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: 3B1 DITCH PROFILE**

SCALE: 1"=20' SHEET 20 OF 47 SHEETS STA. 0+00.40 TO STA. 12+00.40

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				

