STA 283+52
PIPE CULVERT REMOVAL
HEADWALL REMOVAL
EXISTING PIPE CULVERT 18"
PIPE CULVERT CLASS A, TYPE 2 24"
PRC FLARED END SECTIONS 24"
USFL 484.04
DSFL 483.77

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS A, TYPE 1 24"
PRC FLARED END SECTIONS 24"
USFL 481.99
DSFL 481.35

STA 288+25
REMOVAL OF EXISTING STRUCTURE NO. 7
HEADWALL REMOVAL
EXISTING STRUCTURE 5' X 5' BOX
PRECAST CONCRETE BOX CULVERT 6' X 4'
USFL 479.50
DSFL 478.70

PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 488.59
DSFL 487.92

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 24"
END SECTIONS 24"
USFL 496.62
DSFL 496.16

PIPE CULVERT CLASS D, TYPE 1 ERS 24"
END SECTIONS ERS 24"
USFL 495.91
DSFL 495.68

STA 297+03
PIPE CULVERT REMOVAL
HEADWALL REMOVAL
EXISTING 18" RCP
PROPOSED PIPE CULVERT CLASS A, TYPE 1 ERS 24"
PRC FLARED END SECTIONS ERS 24"
USFL 498.56
DSFL 497.26

REMOVE EXISTING INLET

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 24"
END SECTIONS 24"
USFL 482.84
DSFL 482.49

STA 284+78
PIPE CULVERT REMOVAL
HEADWALL REMOVAL
EXISTING PIPE CULVERT 18"
PIPE CULVERT CLASS A, TYPE 1 ERS 24"
PRC FLARED END SECTIONS ERS 24"
USFL 485.00
DSFL 483.68

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 24"
END SECTIONS 24"
USFL 484.25
DSFL 483.48

STA 293+82
PIPE CULVERT REMOVAL
HEADWALL REMOVAL
EXISTING 18" RCP
PIPE CULVERT CLASS A, TYPE 1 ERS 24"
PRC FLARED END SECTIONS ERS 24"
STA 293+74 31.84' LT
STA 293+92 30.12' RT
USFL 492.65
DSFL 492.00

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 18"
END SECTIONS 18"
USFL 496.51
DSFL 496.01

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 18"
END SECTIONS 18"
USFL 497.43
DSFL 496.99

L SPECIAL DITCH
(10 FT ABOVE
CORRECT ELEVATION)

STATION EQUATION
292+55.90 BK=
292+60.79 AH

IL 37 CL

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
E.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.

MODEL: Default
FILE NAME: pw:\\Widotpw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-PrePlan_Pro 9-12

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
STA 283+00 TO STA 298+00

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	201
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		

PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 500.11
DSFL 499.66

PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 501.50
DSFL 501.19

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 502.68
DSFL 502.26

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 504.05
DSFL 503.74

STA 302+81
PRECAST CONCRETE BOX CULVERT 5' X 3'
END SECTION CULVERT NO. 8
USFL 502.88
DSFL 502.28

REMOVAL OF EXISTING STRUCTURE NO. 8
HEADWALL REMOVAL
EXISTING 5' X 3' BOX CULVERT

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS A, TYPE 1 36"
PRC FLARED END SECTIONS 36"
USFL 503.12
DSFL 502.94

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 18"
END SECTIONS 18"
USFL 511.08
DSFL 510.46

IL 37 CL

+00.00 EL. 503.00 +2.50% +00.00 EL. 504.50 +1.50% +00.00 EL. 506.00 +1.00% +00.00 EL. 507.00 +4.70% +20.00 EL. 507.94

+00.00 EL. 513.80 -0.55% +00.00 EL. 513.25 -0.50% +00.00 EL. 512.75

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

PROFILE	SURVEYED	BY
	PLOTTED	
	GRADES CHECKED	
NOTE BOOK	U.M. NOTED	
NO.	STRUCTURE NOTATIONS CHKD	DATE

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADDsheets\D978633-PrePlan_Pro 9-12

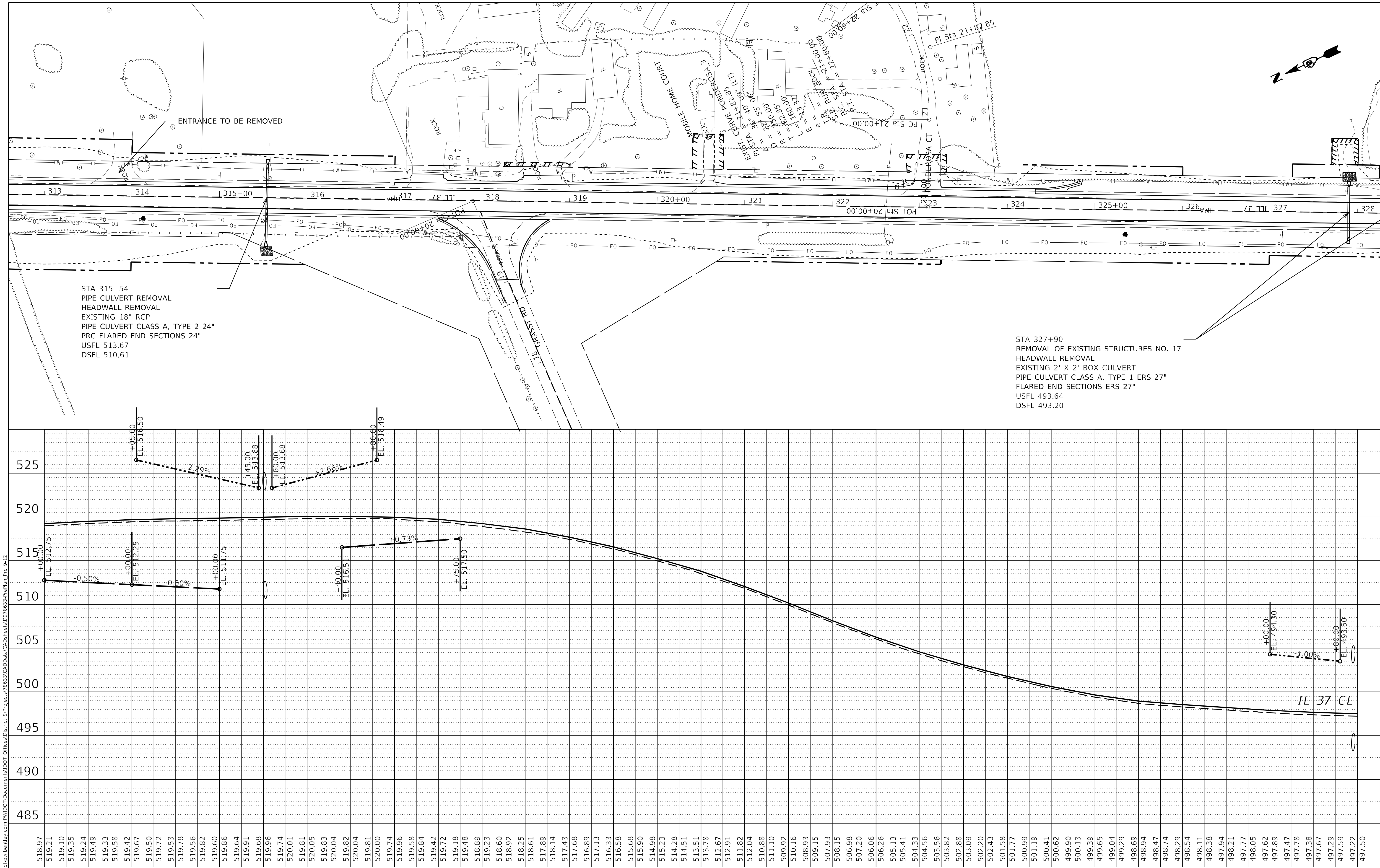
USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
STA 298+00 TO STA 313+00

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	202
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			



USER NAME = elise.knop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
STA 313+00 TO STA 328+00

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	203

CONTRACT NO. 78633

ILLINOIS FED. AID PROJECT

MODEL: Default
FILE NAME: pw:\\idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-PrePlan Pro 9-12

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 24"
END SECTIONS 24"
USFL 494.74
DSFL 494.67

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 ERS 24"
END SECTIONS ERS 24"
USFL 495.62
DSFL 495.43

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 502.90
DSFL 502.24

PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 507.27
DSFL 506.44

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 18"
END SECTIONS 18"
USFL 494.48
DSFL 494.32

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 503.38
DSFL 502.61

328 329 330+00 331 332 333 334 335+00 336 337 338 339 340+00 341 342 343

525 520 515 510 505 500 495 490 485

493.38 +1.78% +35.00 EL. 494.00 +0.70% +00.00 EL. 494.45 +0.40% 496.85

493.67 +0.30% +55.00 EL. 493.83 +0.41% +0.41% +0.64% +00.00 EL. 496.87 497.34

IL 37 CL

497.22 497.50 497.16 497.46 497.12 497.41 497.10 497.40 497.09 497.39 497.10 497.39 497.11 497.40 497.16 497.44 497.21 497.48 497.25 497.52 497.30 497.57 497.35 497.64 497.41 497.71 497.47 497.79 497.57 497.87 497.66 497.97 497.77 498.08 497.87 498.18 497.99 498.28 498.13 498.41 498.30 498.55 498.44 498.71 498.58 498.87 498.73 499.01 498.90 499.14 499.07 499.29 499.23 499.45 499.39 499.63 499.55 499.81 499.71 499.96 499.87 500.11 500.03 500.25 500.17 500.38 500.31 500.56 500.50 500.74 500.70 501.01 501.01 501.27 501.36 501.62 501.71 501.96 502.18 502.42 502.65 502.89 503.14 503.39 503.65 503.90 504.16 504.40 504.66 504.91 505.17 505.40 505.67 505.89 506.15 506.38 506.62 506.87 507.11 507.38 507.61 507.89 508.10 508.38 508.57 508.86 509.03 509.31 509.47 509.76 509.88 510.14 510.26 510.52 510.63 510.88 510.96 511.24 511.30 511.57 511.59 511.89

328+00 329+00 330+00 331+00 332+00 333+00 334+00 335+00 336+00 337+00 338+00 339+00 340+00 341+00 342+00 343+00

PLAN
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: pw:\\WidotPW.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-PrePlan_Pro 9-12

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
STA 328+00 TO STA 343+00

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	204
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

STA 345+07
PIPE CULVERT REMOVAL
EXISTING STRUCTURE 18" CLAY PIPE
PROPOSED CLASS A, TYPE 2 24"
FLARED END SECTIONS 15"
USFL 509.19
DSFL 507.18

STA 346+50
PROPOSED CLASS A, TYPE 2 EQ 38X24"
USFL 509.67
DSFL 509.45

STA 347+10
REMOVAL OF EXISTING STRUCTURE NO. 18
EXISTING STRUCTURE 2' X 2'

PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 511.76
DSFL 511.40

STA 349+00
PIPE CULVERT REMOVAL
EXISTING STRUCTURE 18" CLAY
PROPOSED PIPE CULVERT CLASS A, TYPE 2 24"
FLARED END SECTIONS 24"
USFL 510.59
DSFL 510.33

SEE DITCH CLEANOUT
PLAN AND PROFILE SHEET

STA 358+30
REMOVAL OF EXISTING STRUCTURES NO. 9
HEADWALL REMOVAL
EXISTING STRUCTURE 4' X 4' BOX CULVERT
PRECAST CONCRETE BOX CULVERT 4' X 4'
BOX CULVERT END SECTIONS NO. 9
USFL 495.96
DSFL 495.80

EX IL 37 CL

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

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

MODEL: Default
FILE NAME: pw:\\Illinois-dot.bentleycs.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADD\data\CADSheets\D978633-PrePlan_Pro 9-12

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
STA 343+00 TO STA 358+00

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	205
		CONTRACT NO. 78633		
		ILLINOIS FED. AID PROJECT		

LON STA 368+56

STA 368+75
REMOVAL OF EXISTING STRUCTURE NO. 10
EXISTING STRUCTURE 4' X 6' BOX
PROPOSED PRECAST 4' X 6' BOX
END SECTONS NO. 10
USFL 521.01
DSFL 520.92

STA 359+89
REMOVAL OF EXISTING STRUCTURES NO. 20
EXISTING STRUCTURE 2' X 2' BOX CULVERT
PROPOSED PIPE CULVERT CLASS A, TYPE 2 30"
FLARED END SECTIONS 30"
STA 359+87 30.00' RT
STA 360+00 34.00' LT
USFL 500.97
DSFL 500.69

SEE DITCH CLEANOUT
PLAN AND PROFILE SHEET

PROPOSED PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 509.54
DSFL 508.83

REMOVE EXISTING INLET

L SPECIAL DITCH
(10 FT ABOVE
CORRECT ELEVATION)

STATION EQUATION
360+91.80 BK =
360+95.61 AH

IL 37 CL

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
E.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-PrePlan_Pro_9-12

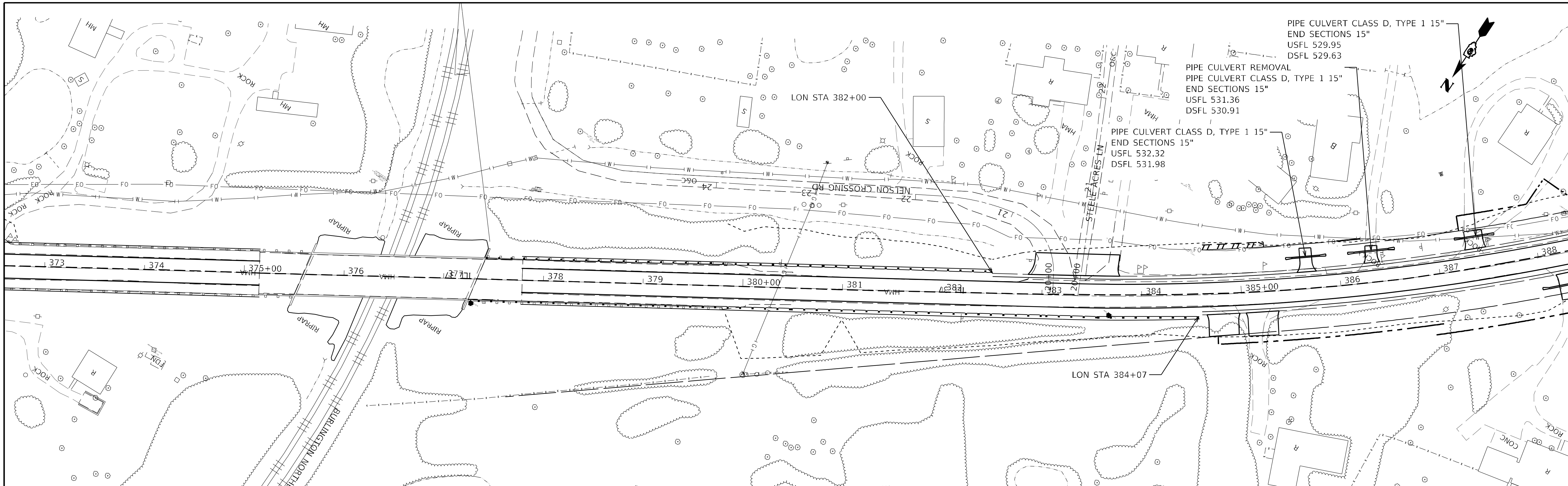
USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

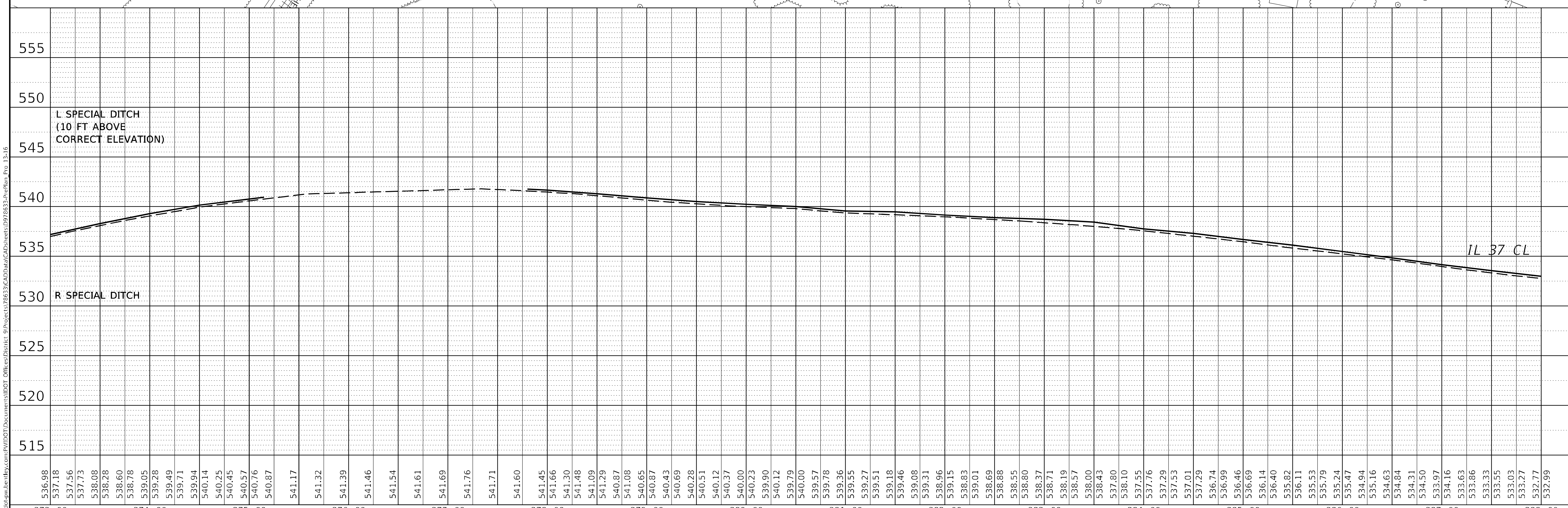
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
STA 358+00 TO STA 373+00

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	206
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			





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

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, BM NOTED, STRUCTURE NOTATIONS CHECKED — BY — DATE

MODEL: Default
FILE NAME: pw:\\Idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-PrePlan Pro 13-16

USER NAME = elise.knop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
STA 373+00 TO STA 388+00

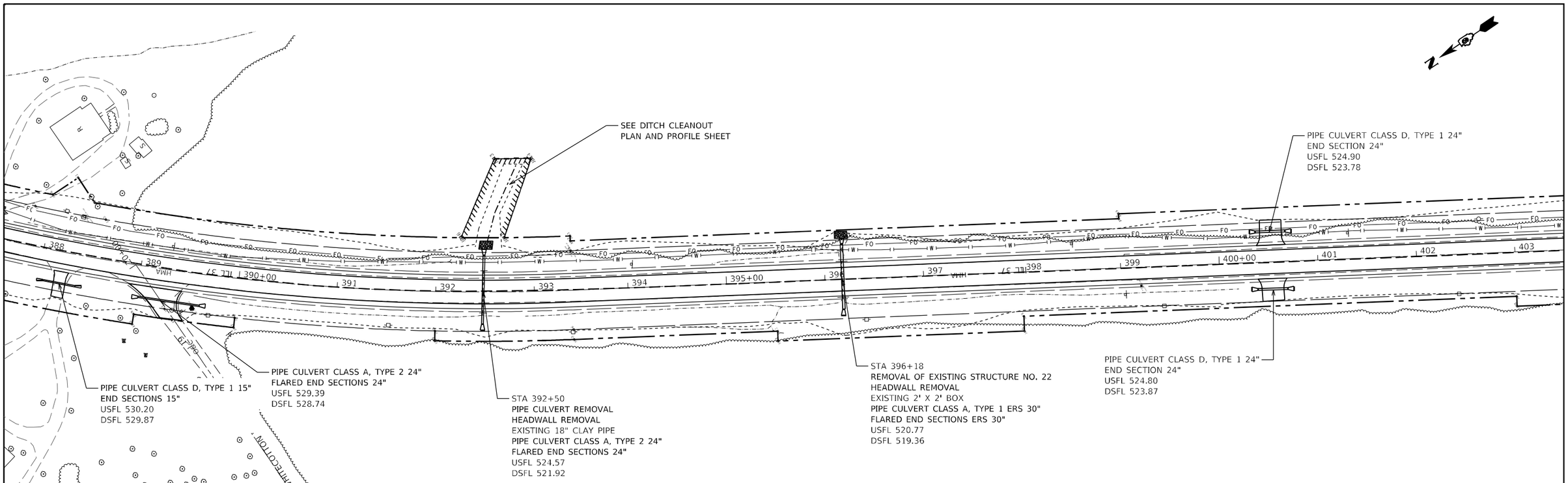
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	207
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

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

PROFILE
SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
NOTE BOOK
NO.
R.O.W. CHECKED
BM. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

MODEL: Default
FILE NAME: pw:\\illinois4pw.bentley.com:FVIDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\data\CADD\sheets\D978633-PrePlan_Pro 13-16



545	540	535	530	525	520	515	510	505
532.77	532.99	532.52	532.75	532.27	532.50	532.01	532.25	531.75
532.00	531.48	531.74	531.20	531.47	530.98	531.22	530.76	530.96
530.53	530.72	530.28	530.47	530.01	530.24	529.82	530.01	529.62
529.80	529.39	529.58	529.14	529.34	528.90	529.10	528.66	528.88
528.45	528.65	528.25	528.46	528.04	528.26	527.83	528.08	527.86
527.93	527.43	527.68	527.21	527.44	527.00	527.28	527.12	526.55
526.88	526.32	526.64	526.05	526.38	525.83	526.13	525.59	525.87
525.35	525.61	525.14	525.40	524.94	525.19	524.73	525.05	524.52
524.90	524.29	524.64	524.06	524.39	523.92	524.27	523.86	524.16
523.79	524.24	523.80	524.32	523.96	524.39	524.18	524.47	524.56
524.87	524.94	525.27	525.46	525.81	526.00	526.34	526.71	527.02
527.43	527.70	528.22	528.53	529.03	529.36	529.87	530.18	530.71
531.01	531.52	531.83	532.33	532.65	533.14	533.47	533.95	534.30
534.76	535.10	535.56	535.91					

388+00	389+00	390+00	391+00	392+00	393+00	394+00	395+00	396+00	397+00	398+00	399+00	400+00	401+00	402+00	403+00

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
STA 388+00 TO STA 403+00

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	208
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

SEE DITCH CLEANOUT
PLAN AND PROFILE SHEETS

STA 407+67
PIPE CULVERT REMOVAL
HEADWALL REMOVAL
EXISTING 18" CLAY
PIPE CULVERT CLASS A, TYPE 2 24"
FLARED END SECTIONS 24"
USFL 539.49
DSFL 533.41

SEE DITCH CLEANOUT
PLAN AND PROFILE SHEET

STA 417+44
PIPE CULVERT REMOVAL
HEADWALL REMOVAL
EXISTING 18" CLAY PIPE
PIPE CULVERT CLASS A, TYPE 2 24"
FLARED END SECTIONS 24"
USFL 533.49
DSFL 530.61

PIPE CULVERT CLASS D, TYPE 2 15"
END SECTIONS 15"
USFL 540.70
DSFL 539.66

PIPE CULVERT CLASS D, TYPE 2 15"
END SECTIONS 15"
USFL 543.29
DSFL 542.72

L SPECIAL DITCH
(10 FT ABOVE
CORRECT ELEVATION)

R SPECIAL DITCH

+67.00 EL. 540.66 | -0.52% | +00.00 EL. 540.49 | -0.50% | +00.00 EL. 539.99 | -0.77% | +65.00 EL. 539.49 | +5.39% | +74.00 EL. 545.36

536.34 | +3.17% | 543.64

IL 37 CL

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
E.M. NOTED
STRUCTURE NOTATIONS CHKD

MODEL: Default
FILE NAME: pw:\\Wdot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-PrePlan_Pro 13-16

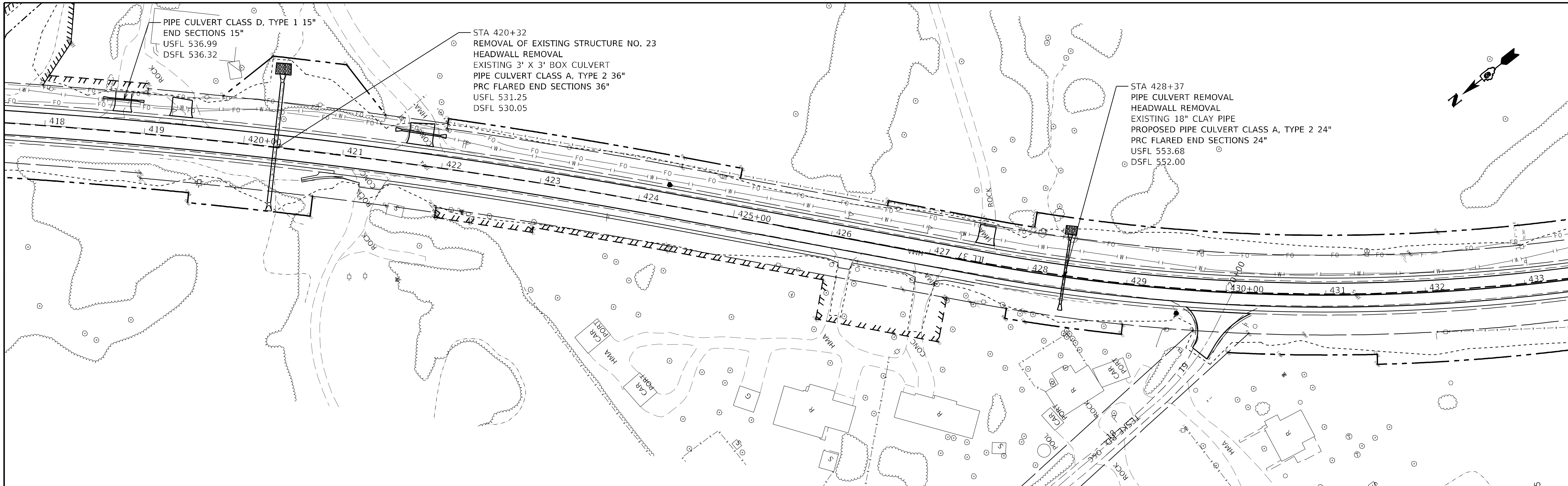
USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

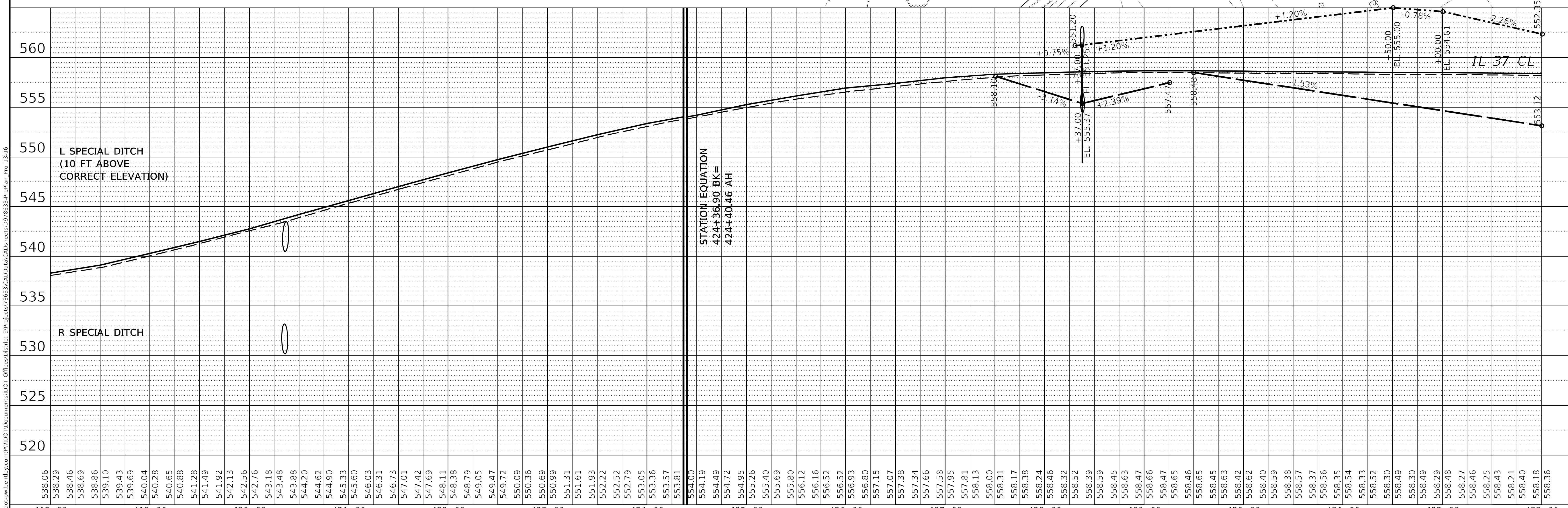
PLAN–PROFILE
STA 403+00 TO STA 418+00

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	209
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			



PIPE CULVERT CLASS D, TYPE 1 15"
END SECTIONS 15"
USFL 536.99
DSFL 536.32
STA 420+32
REMOVAL OF EXISTING STRUCTURE NO. 23
HEADWALL REMOVAL
EXISTING 3' X 3' BOX CULVERT
PIPE CULVERT CLASS A, TYPE 2 36"
PRC FLARED END SECTIONS 36"
USFL 531.25
DSFL 530.05
STA 428+37
PIPE CULVERT REMOVAL
HEADWALL REMOVAL
EXISTING 18" CLAY PIPE
PROPOSED PIPE CULVERT CLASS A, TYPE 2 24"
PRC FLARED END SECTIONS 24"
USFL 553.68
DSFL 552.00
IL 37
N



L SPECIAL DITCH
(10 FT ABOVE
CORRECT ELEVATION)
R SPECIAL DITCH
STATION EQUATION
424+36.90 BK=
424+40.46 AH
IL 37 CL
+0.75%
+1.20%
-0.78%
-2.26%
-3.14%
+2.39%
-1.53%
-50.00
EL. 555.00
+00.00
EL. 554.61
+37.00
EL. 551.25
EL. 555.37
552.35
553.12
557.47
558.48
558.10
551.20
560
555
550
545
540
535
530
525
520
538.06 538.29 538.46 538.69 538.86 539.10 539.43 539.69 540.04 540.28 540.65 540.88 541.28 541.49 541.92 542.13 542.56 542.76 543.18 543.48 543.88 544.20 544.62 544.90 545.33 545.60 546.03 546.31 546.73 547.01 547.42 547.69 548.11 548.38 548.79 549.05 549.47 549.72 550.09 550.36 550.69 550.99 551.31 551.61 551.93 552.22 552.52 552.79 553.05 553.36 553.57 553.81 554.00 554.19 554.49 554.72 554.95 555.26 555.40 555.69 555.80 556.12 556.16 556.52 556.52 556.93 556.80 557.15 557.07 557.38 557.34 557.66 557.58 557.95 557.81 558.13 558.00 558.31 558.17 558.38 558.24 558.46 558.32 558.52 558.39 558.59 558.45 558.63 558.47 558.66 558.47 558.65 558.46 558.65 558.45 558.63 558.42 558.62 558.40 558.59 558.38 558.57 558.37 558.56 558.35 558.54 558.33 558.52 558.30 558.49 558.30 558.49 558.29 558.48 558.27 558.46 558.25 558.43 558.21 558.40 558.18 558.36
418+00 419+00 420+00 421+00 422+00 423+00 424+00 425+00 426+00 427+00 428+00 429+00 430+00 431+00 432+00 433+00

PLAN	NOTE BOOK NO.	SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME	BY / DATE
PROFILE	NOTE BOOK NO.	SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD	BY / DATE

MODEL: Default
FILE NAME: pw:\\idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-PrePlan Pro 13-16

USER NAME = elise.knop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
STA 418+00 TO STA 433+00

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	210
		CONTRACT NO. 78633		
		ILLINOIS FED. AID PROJECT		

SEE DITCH CLEANOUT
PLAN AND PROFILE SHEET

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 1 ERS 24"
END SECTIONS ERS 24"
USFL 535.17
DSFL 533.95

PIPE CULVERT CLASS D, TYPE 2 18"
END SECTIONS 18"
USFL 552.01
DSFL 551.10

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D TYPE 2 24"
END SECTIONS 24"
USFL 529.42
DSFL 528.61

STA 434+85
PIPE CULVERT REMOVAL
HEADWALL REMOVAL
EXISTING 18" CLAY PIPE
PIPE CULVERT CLASS A, TYPE 2 24"
FLARED END SECTIONS 24"
STA 434+85 53.43' LT
STA 434+73 47.73' RT
USFL 550.29
DSFL 547.30

PIPE CULVERT REMOVAL
PIPE CULVERT CLASS D, TYPE 2 24"
END SECTIONS 24"
USFL 528.03
DSFL 525.47

STA 18+46
REMOVAL OF EXISTING STRUCTURE NO. 11
HEADWALL REMOVAL
EXISTING 13' X 6' BOX CULVERT
PRECAST 13' X 6' BOX CULVERT
USFL 523.51
DSFL 523.18

L SPECIAL DITCH
(10 FT ABOVE
CORRECT ELEVATION)

R SPECIAL DITCH

IL 37 CL

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

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, H.&V. NOTED, STRUCTURE NOTATIONS CHKD

MODEL: Default
FILE NAME: pw:\\Wdotpw.bentley.com:PWIDOT Documents\IDOT Offices\District 9\Projects\78633\CADD\Data\CADDsheets\D978633-PrePlan_Pro 13>16

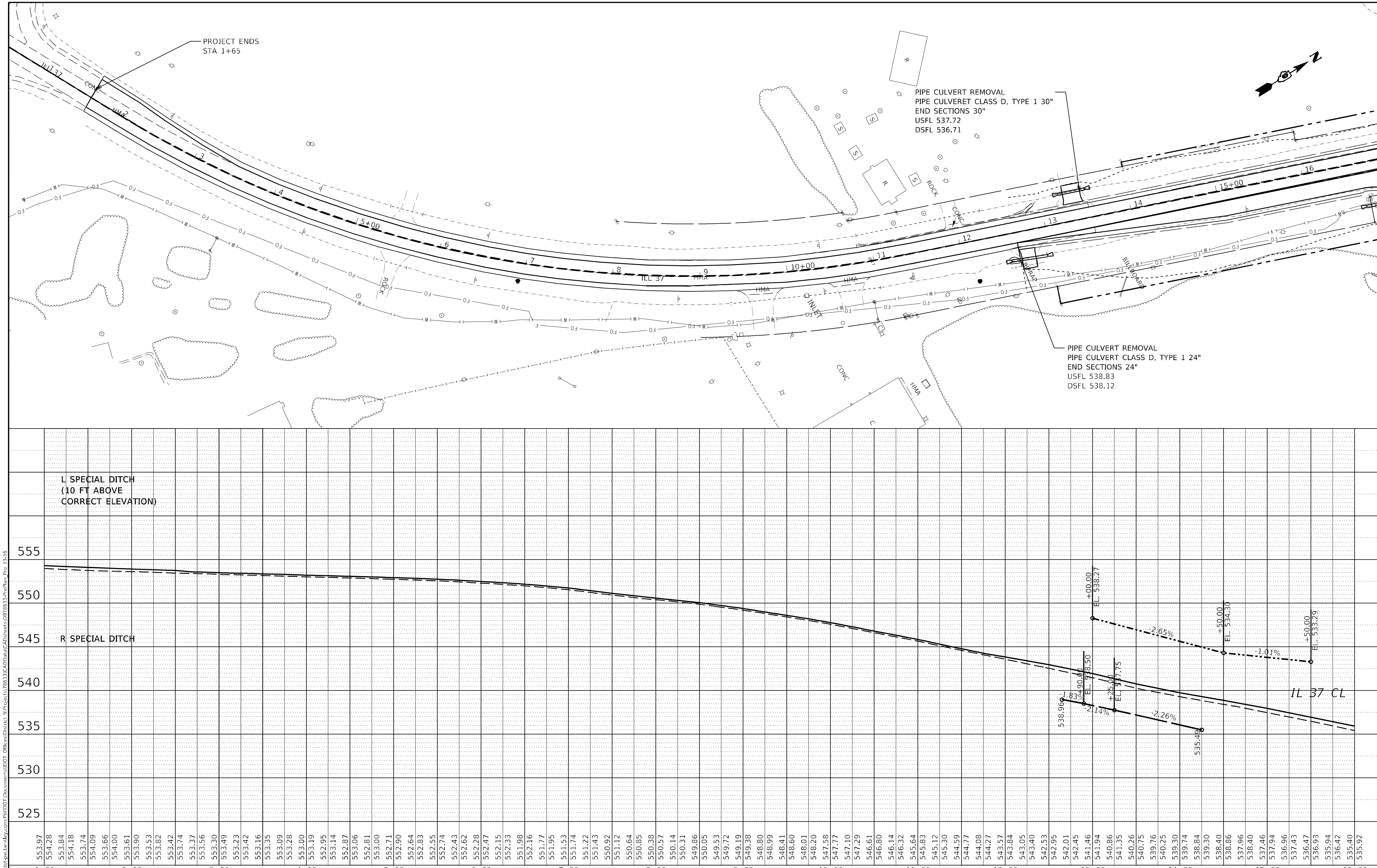
USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
STA 433+00 TO STA 444+44.93

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	211
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			



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

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

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-PrePlan Pro 13-16

USER NAME = elise.knop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

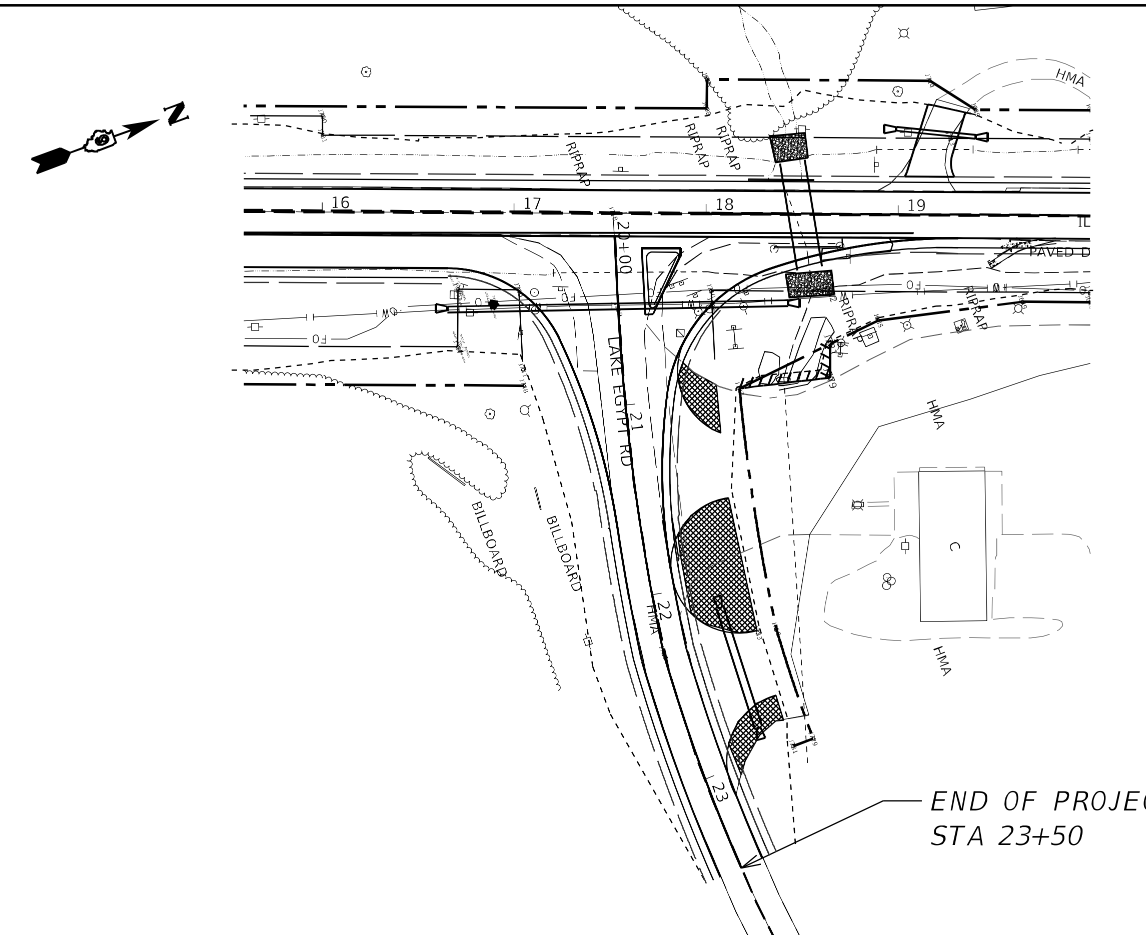
PLAN–PROFILE
STA 1+00 TO STA 16+00

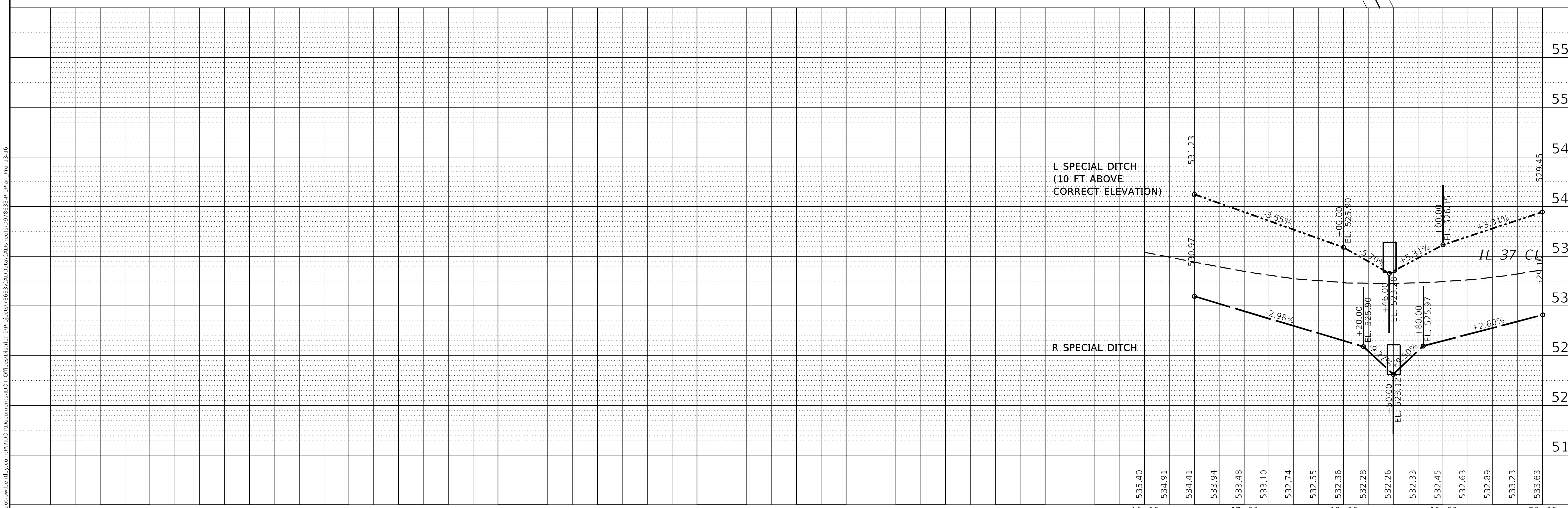
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	212

CONTRACT NO. 78633

ILLINOIS FED. AID PROJECT





USER NAME = elise.knop	DESIGNED -
	DRAWN -
PLOT SCALE = 100.0000 ' / in.	CHECKED -
PLOT DATE = 8/20/2024	DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN–PROFILE
LAKE OF EGYPT ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	213

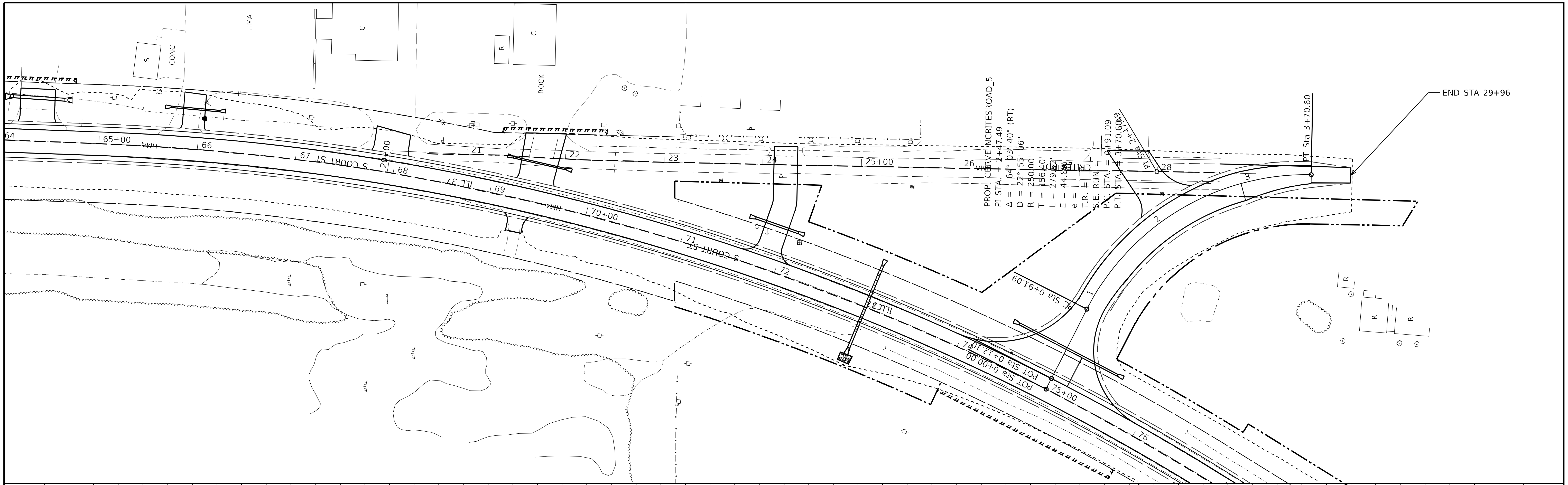
CONTRACT NO. 78633

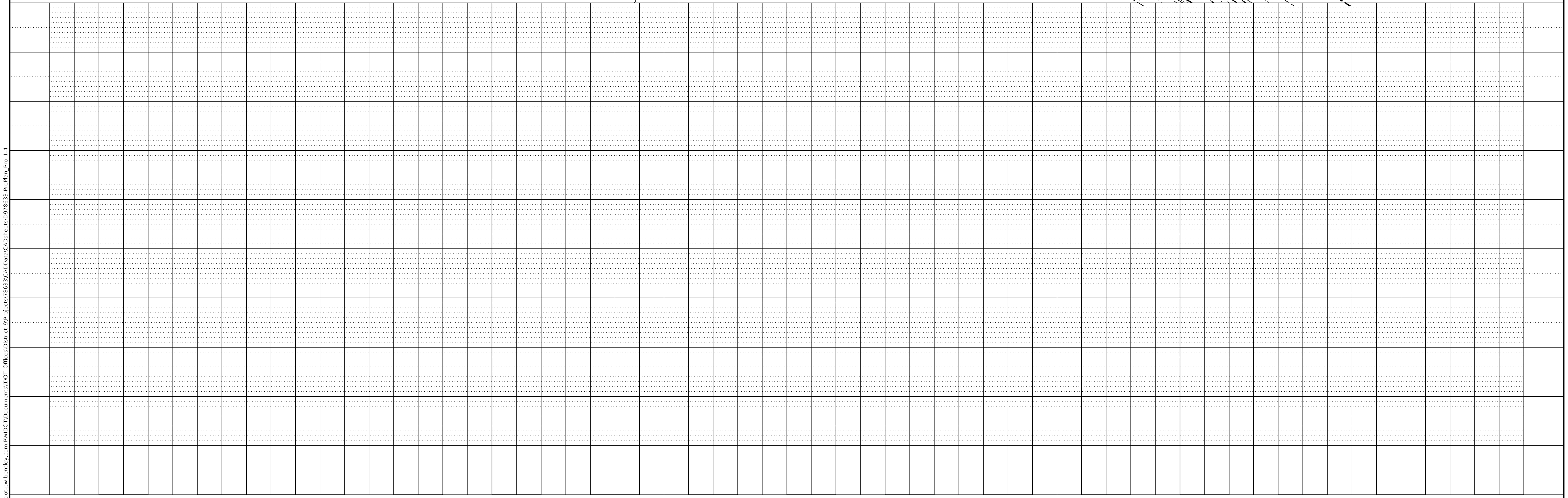
ILLINOIS FED. AID PROJECT

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

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

MODEL: Default
FILE NAME: pw:\\idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-PrePlan Pro 13-16





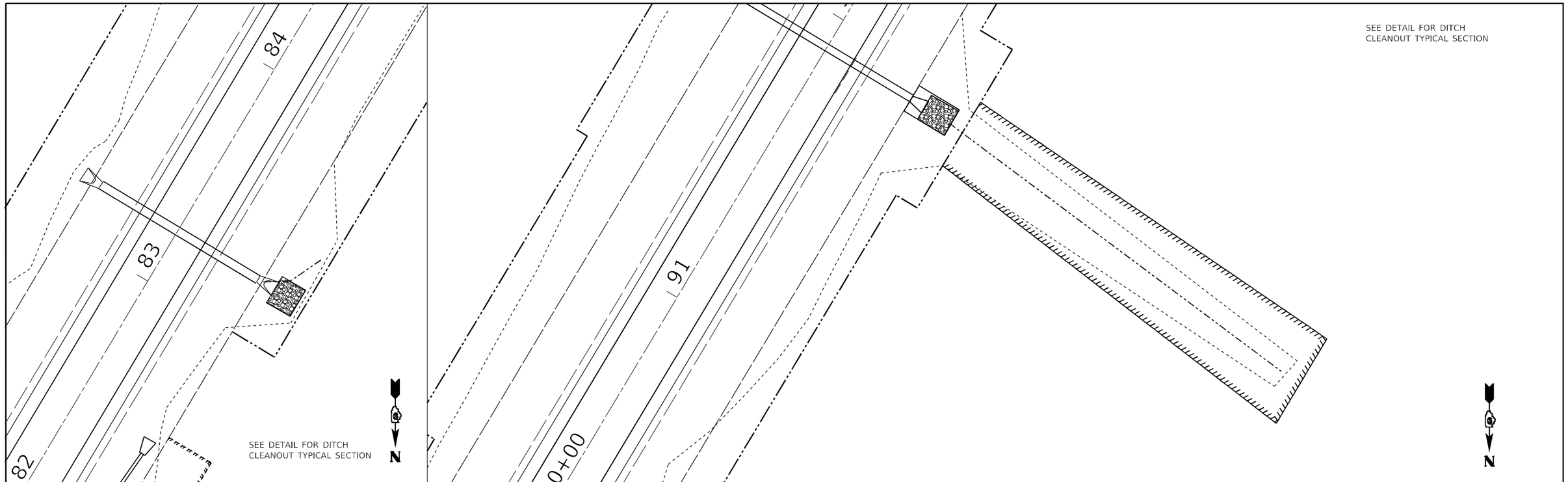
USER NAME = elise.knop	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN–PROFILE N. CRITES ROAD
	DRAWN -	REVISED -		
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	214
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BM: NOTED
STRUCTURE NO(S)/MS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: pw:\\illinois4pw.bentley.com:FIVIDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\data\CAD\sheets\D978633-Drainage-Plan_Prof.dgn



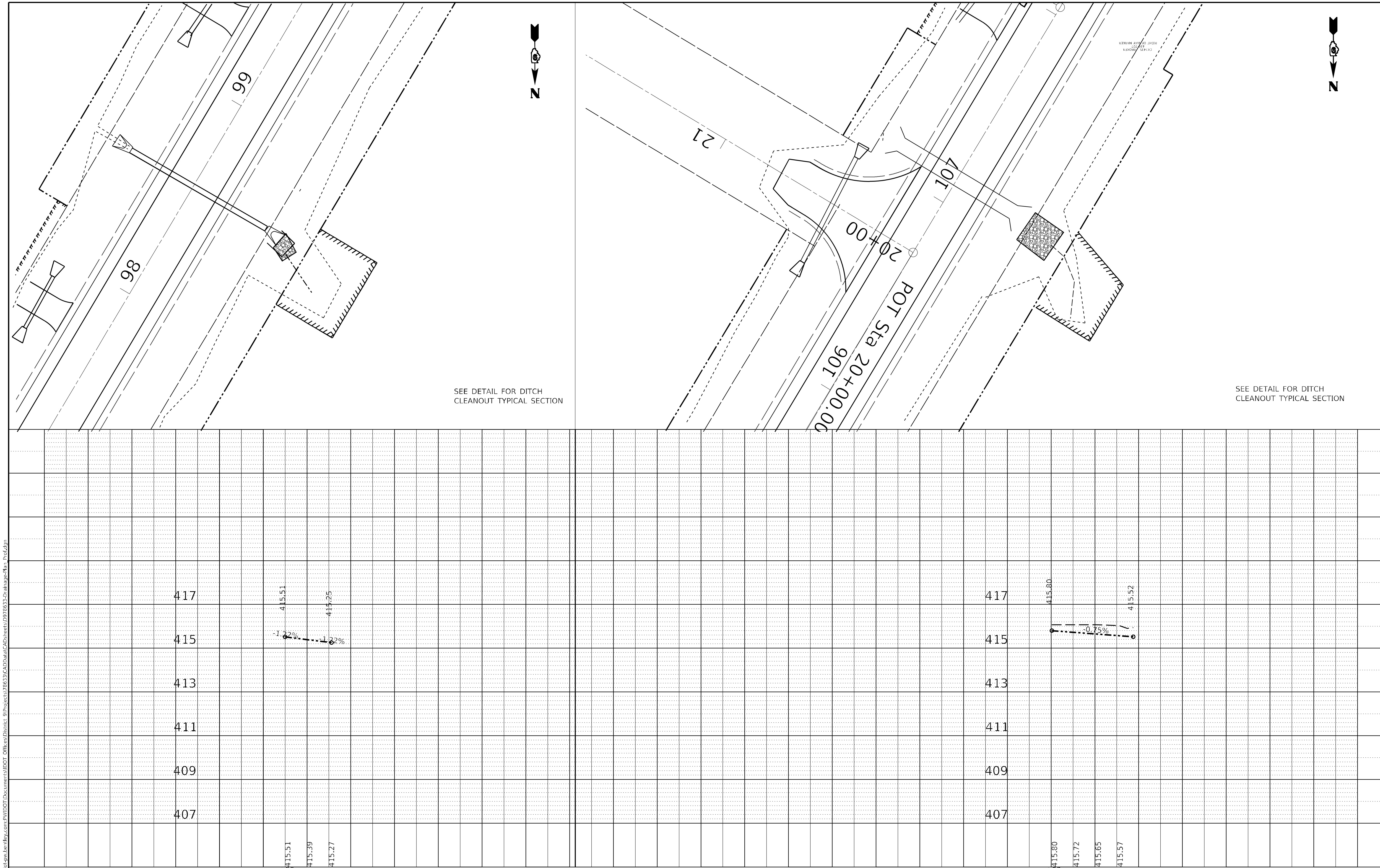
USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CLEANOUT PLAN & PROFILE
STA 83+24 DS, STA 92+87 DS

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	215
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			



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

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

MODEL: Default
FILE NAME: pw:\\idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-Drainage-Plan_Prof.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CLEANOUT PLAN & PROFILE
STA 98+57 DS, STA 107+13 DS

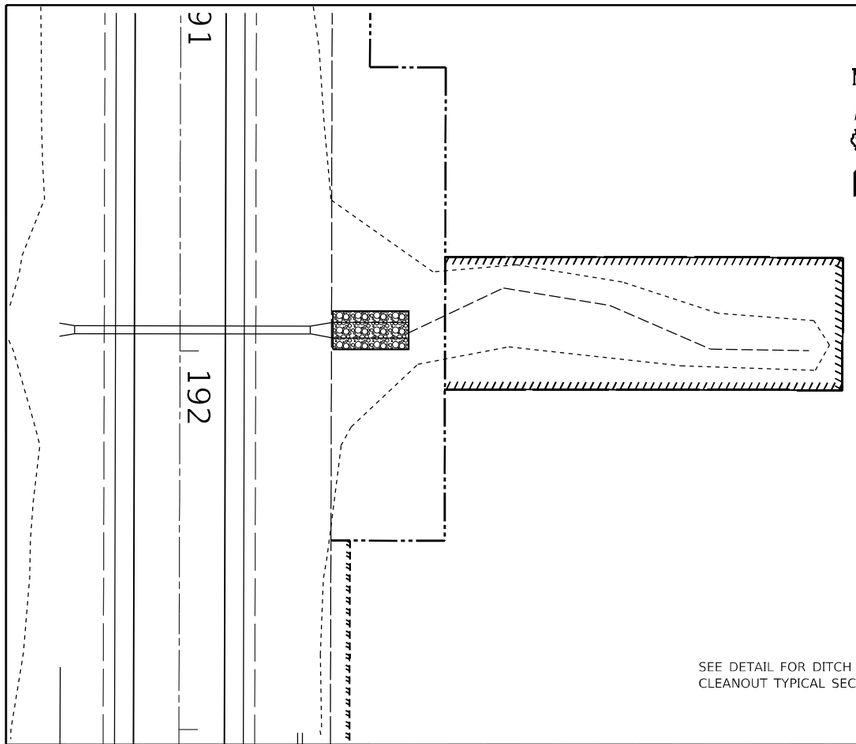
SCALE: SHEET OF SHEETS STA. TO STA.

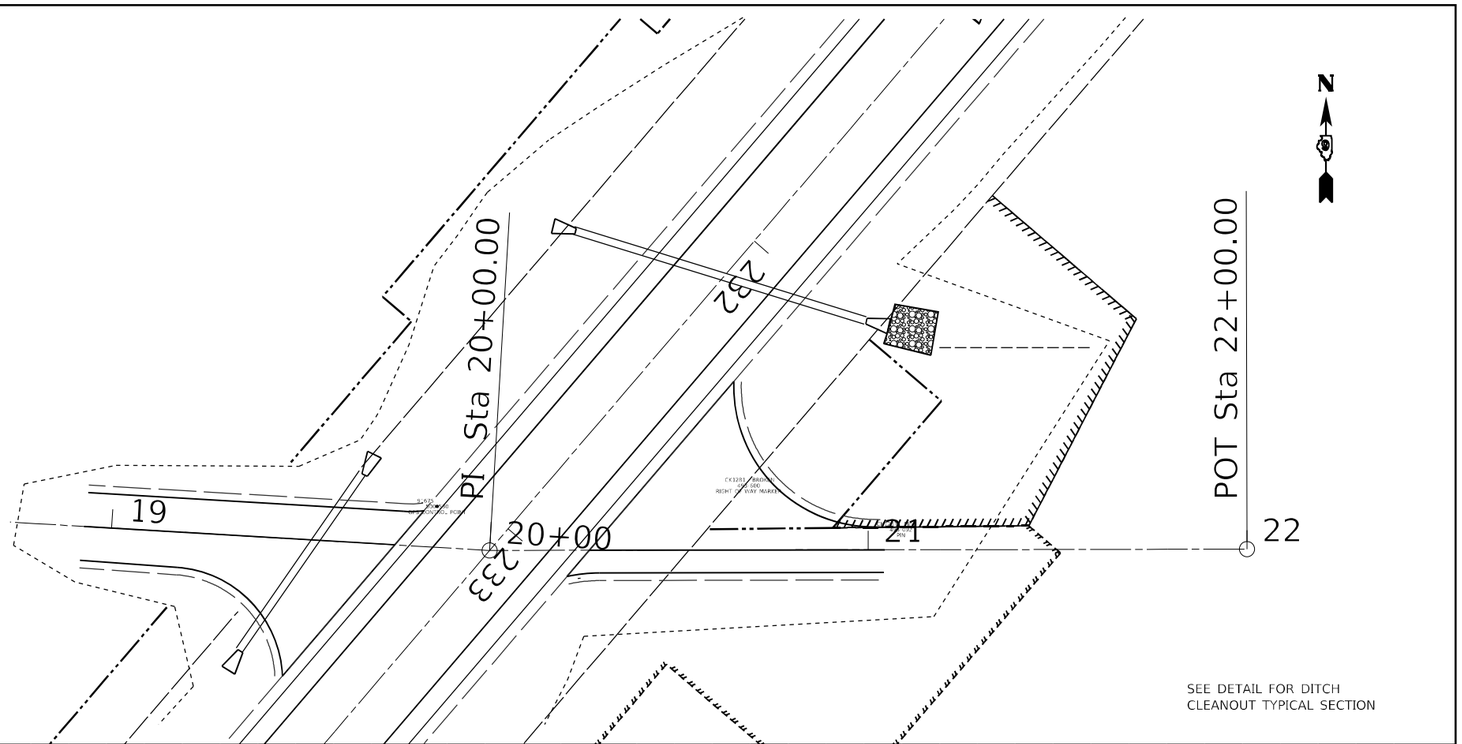
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	216
		CONTRACT NO. 78633		
		ILLINOIS FED. AID PROJECT		

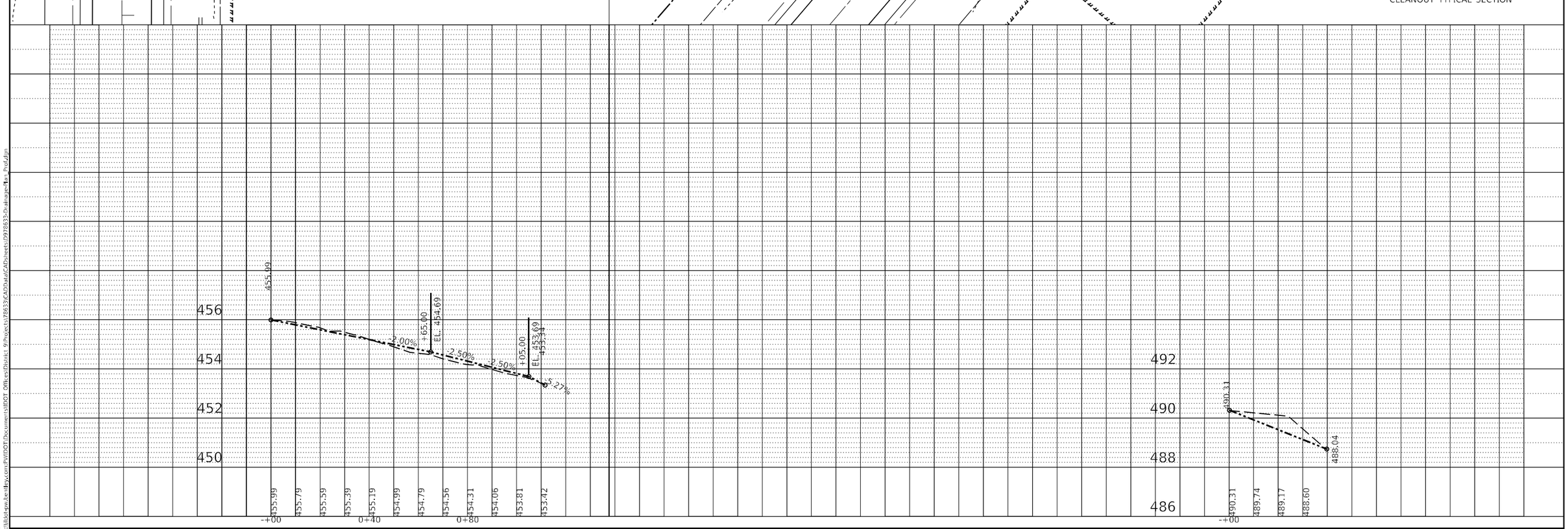
PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
NOTE BOOK
NO.
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: pw:\\dot-spw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-Drainage-Plan_Prof.dgn







USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CLEANOUT PLAN & PROFILE
STA 191+94 DS, STA 232+28 DS

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	217
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CROSS SECTIONS CHECKED		
	BM. NOTED		
	STRUCTURE NOTATIONS CHKD		

SEE DETAIL FOR DITCH
CLEANOUT TYPICAL SECTION

N

256

257

21

20+00

POI Sta 20+00.00

274

73

N

SEE DETAIL FOR DITCH
CLEANOUT TYPICAL SECTION

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CROSS SECTIONS CHECKED		
	BM. NOTED		
	STRUCTURE NOTATIONS CHKD		

520
518
516
514
512
510

516.01
515.94
515.86
515.79
515.72
515.64
515.57
515.49
515.42
515.35
515.27
515.20
515.12
515.05

516.01
0.74%
515.01

-+00
0+40
0+80
1+20

500
498
496
494
492
490

496.74
496.48
496.22
495.96
495.70
495.44
495.18
494.92
494.66

496.74
2.60%
494.47

-+00
0+40
0+80

MODEL: Default
FILE NAME: pw:\\illdot-gpw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-Drainage-Plan_Prof.dgn

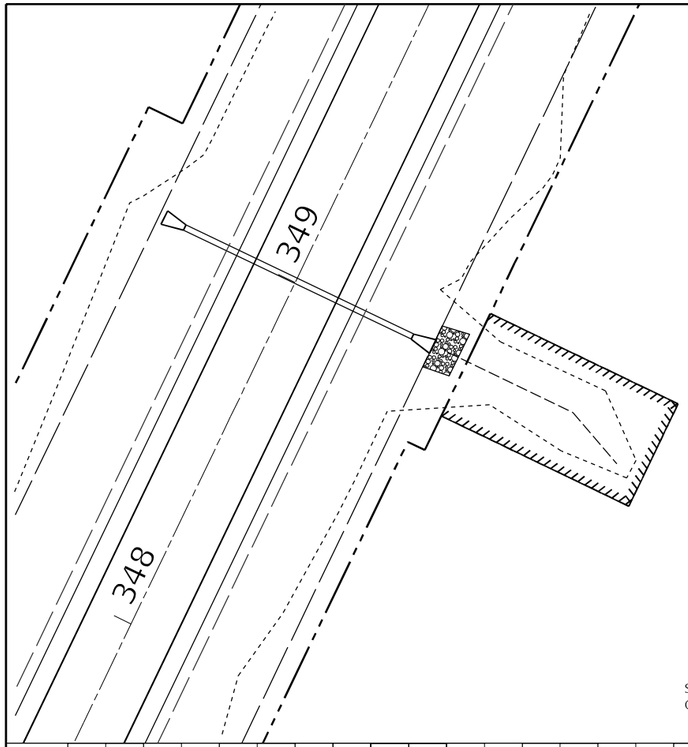
USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CLEANOUT PLAN & PROFILE
STA 256+02 DS, STA 273+94 DS

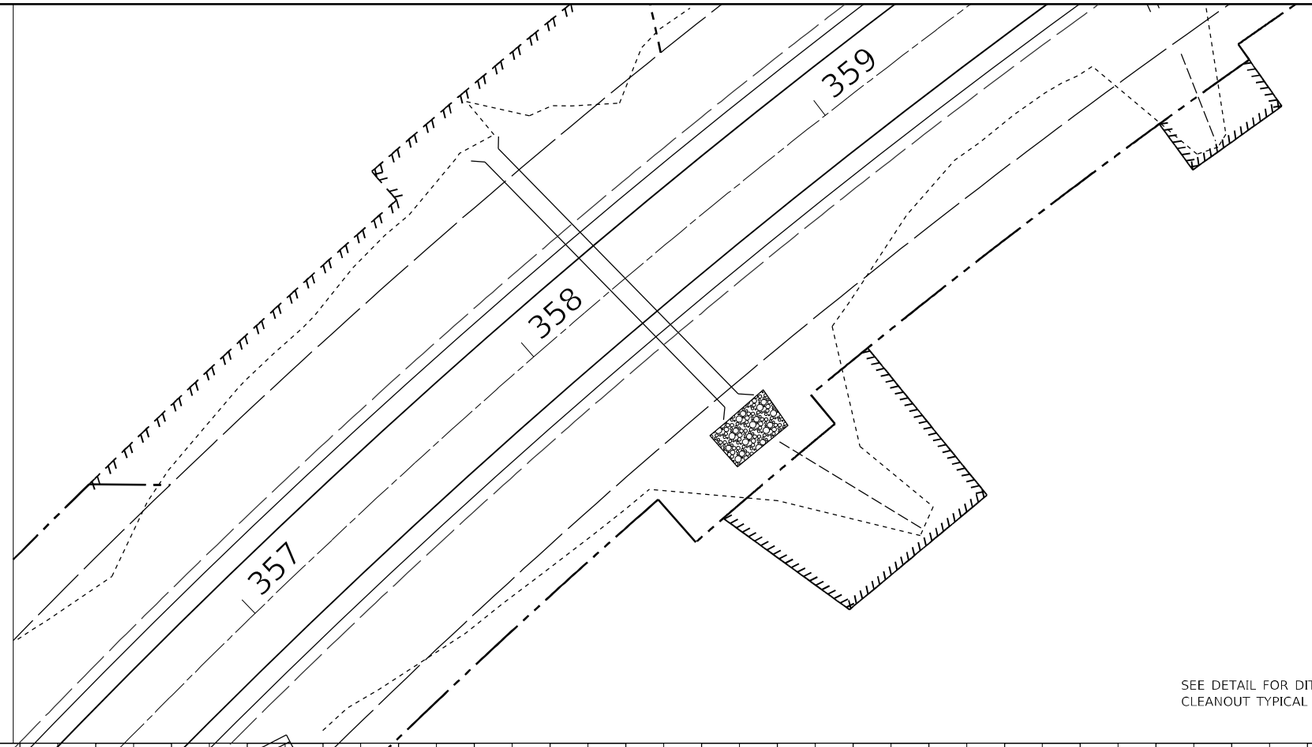
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	218
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			



N

SEE DETAIL FOR DITCH
CLEANOUT TYPICAL SECTION

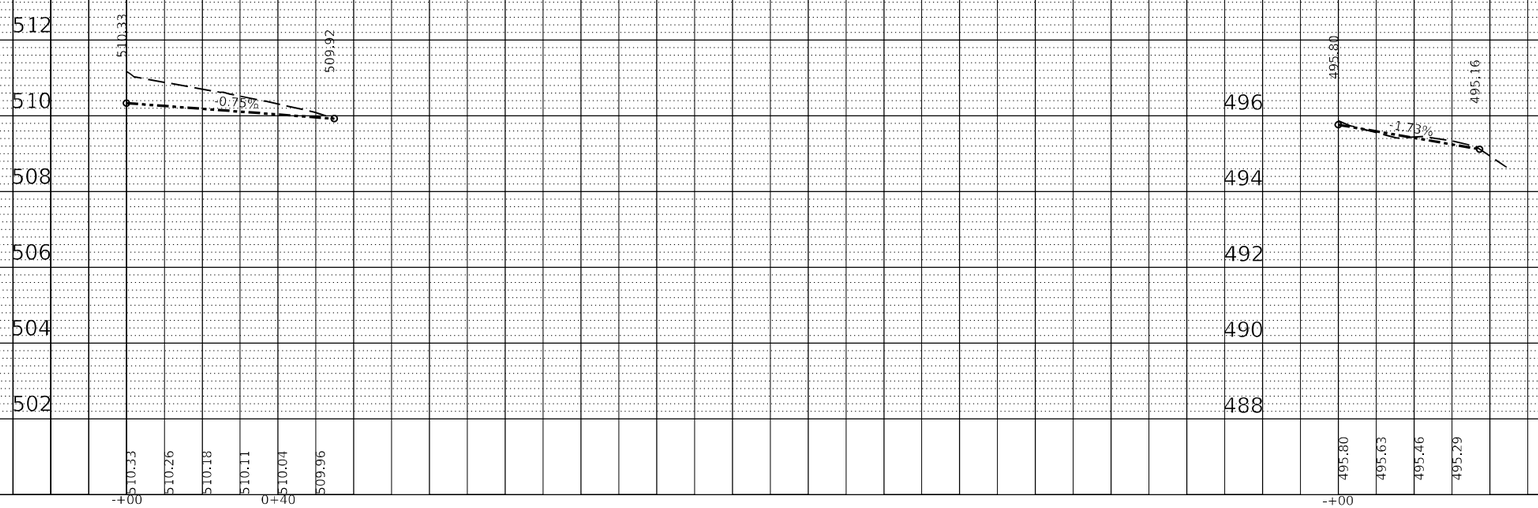


N

SEE DETAIL FOR DITCH
CLEANOUT TYPICAL SECTION

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
DRA. NOTED
STRUCTURE NO(S).
NOTE BOOK
NO.
BY
DATE



MODEL: Default
FILE NAME: pw:\\dot-pw.ke-itsy.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\Data\CADsheets\D978633-Drainage-Plan_Prof.dgn

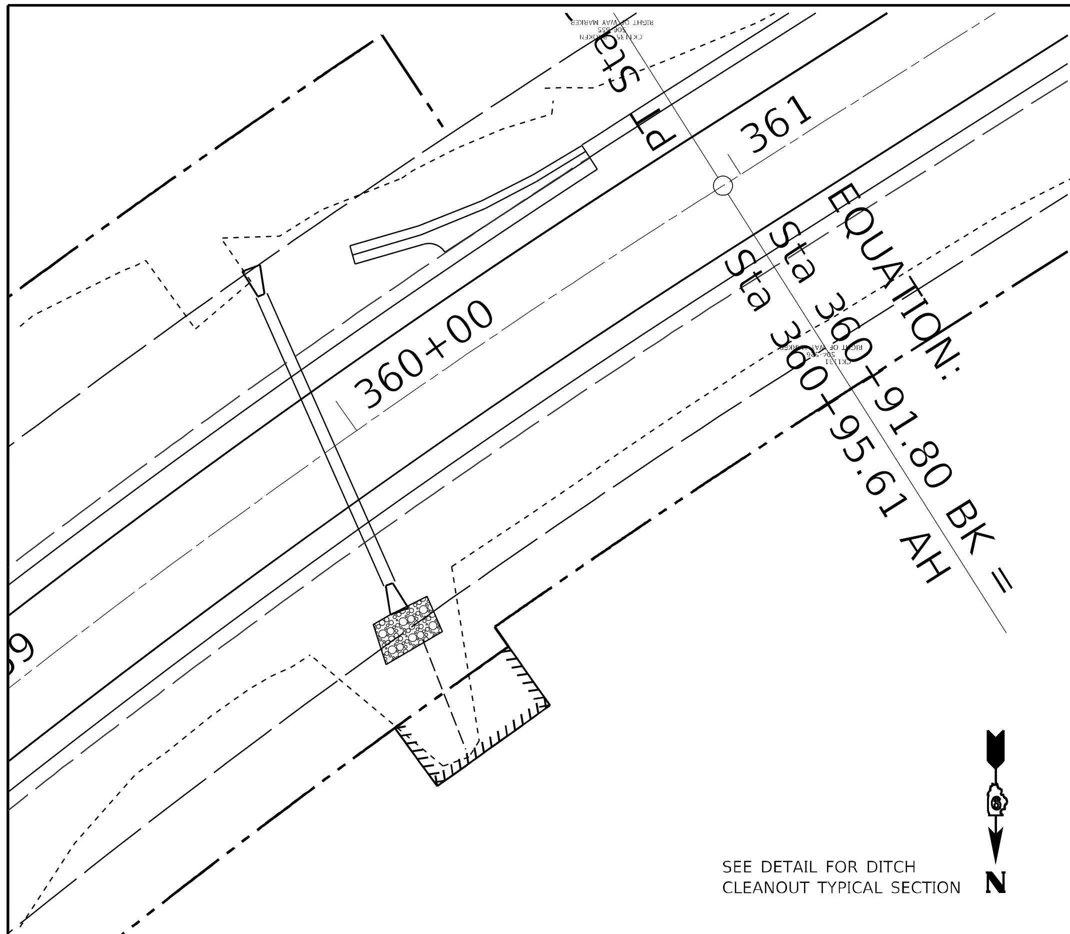
USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

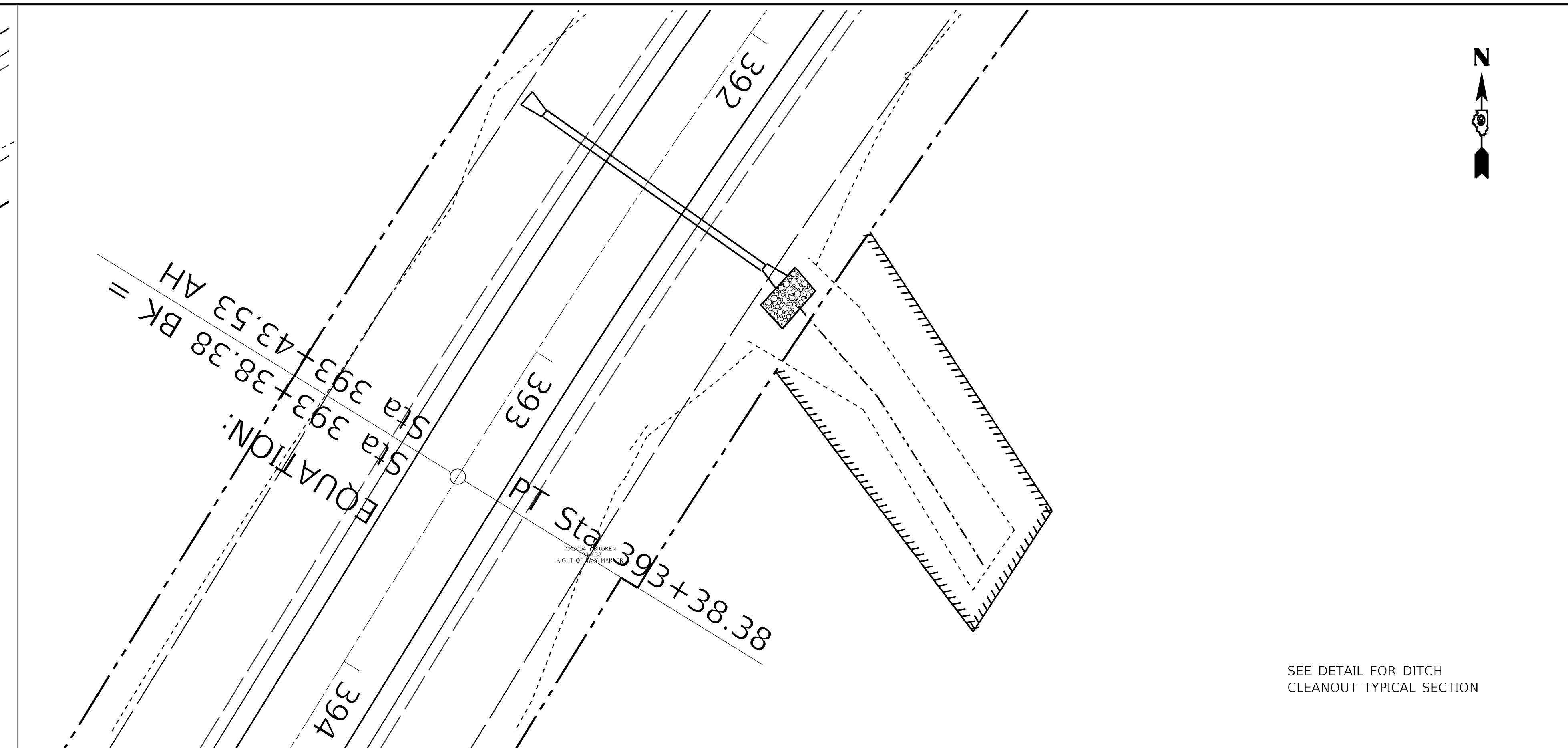
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

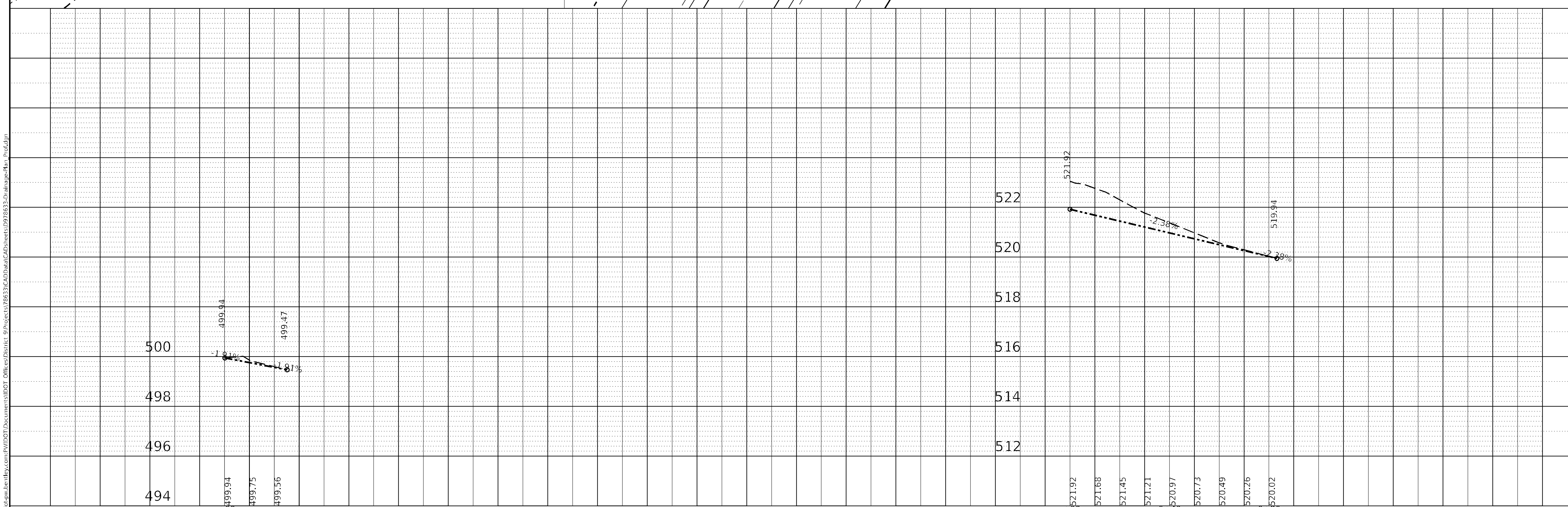
DITCH CLEANOUT PLAN & PROFILE
STA 349+00 DS, STA 358+30 DS

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	219
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	







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

PROFILE — NOTE BOOK NO.____ — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTAT'NS CH'KD — BY — DATE

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\D978633-Drainage-Plan_Prof.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

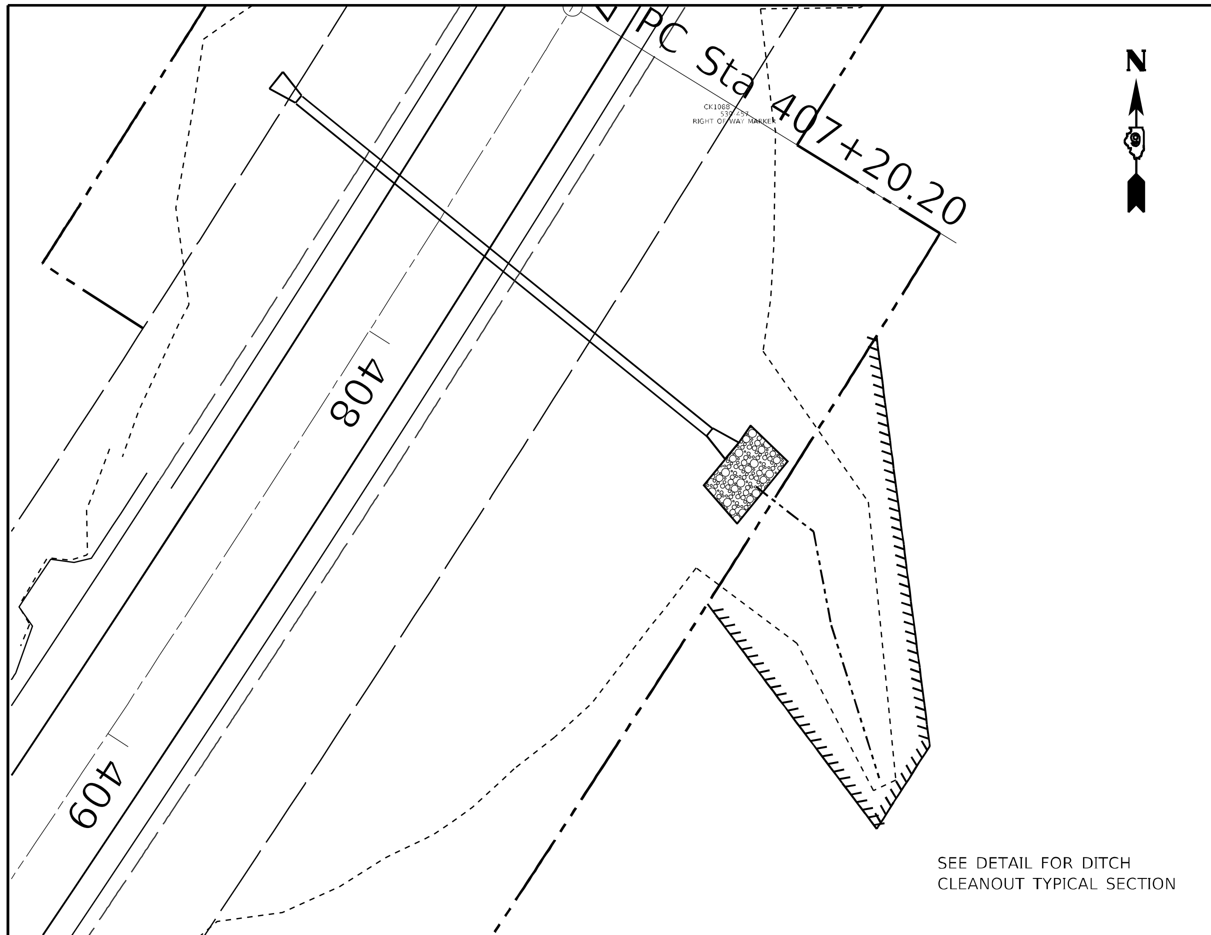
DITCH CLEANOUT PLAN & PROFILE
STA 359+89 DS, STA 392+50 DS

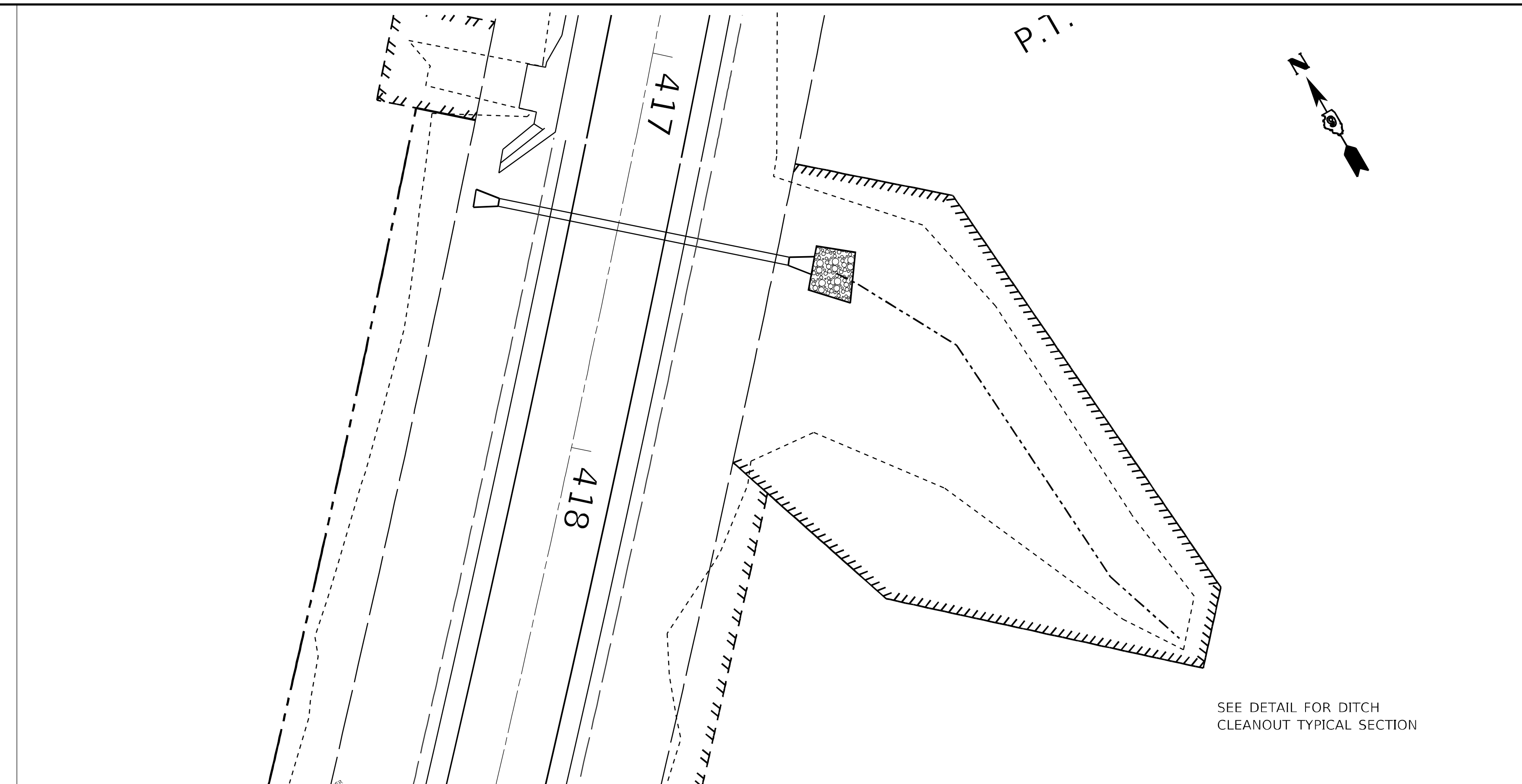
SCALE: | SHEET | OF | SHEETS | STA. | TO STA.

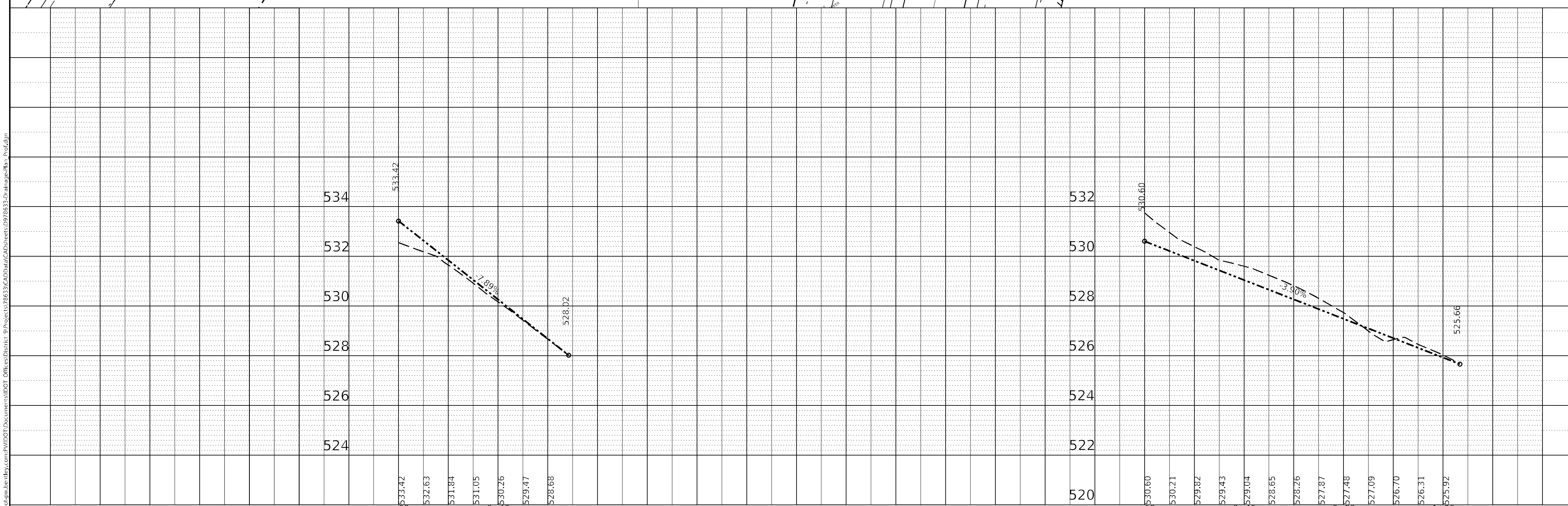
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	220

CONTRACT NO. 78633

ILLINOIS | FED. AID PROJECT







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

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHECKED — BY — DATE

USER NAME = elise.knop	DESIGNED -	REVISED -	STATE OF ILLINOIS
	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

DITCH CLEANOUT PLAN & PROFILE
STA 407+67 DS, STA 417+44 DS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	221

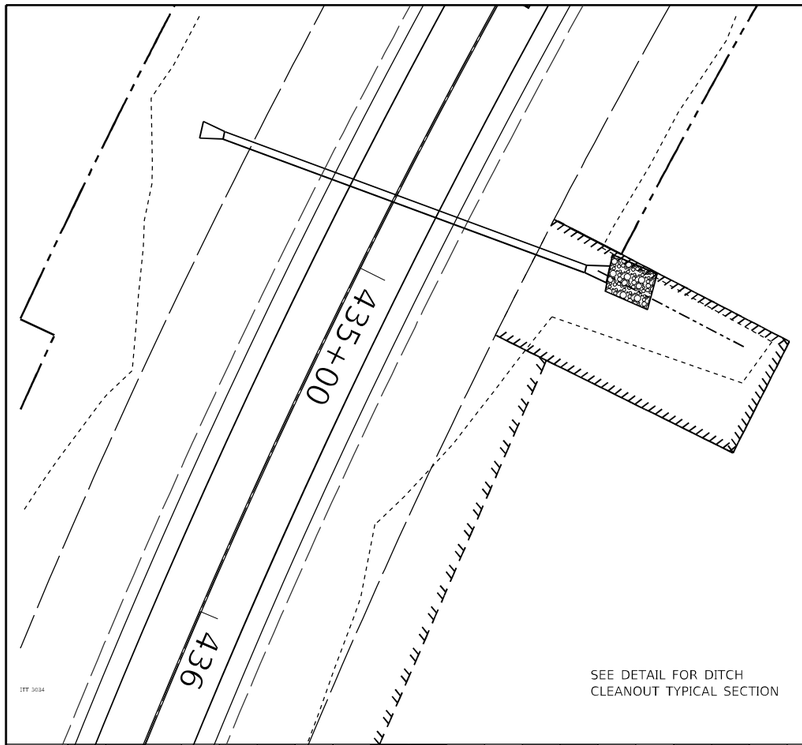
CONTRACT NO. 78633

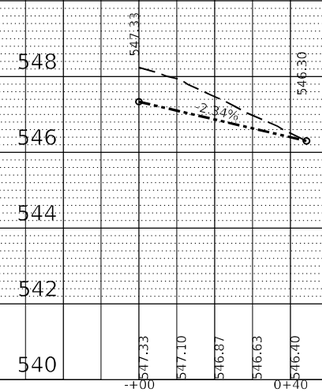
ILLINOIS FED. AID PROJECT

MODEL: Default

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
E.M. NOTED
STRUCTURE NO(S).
NOTE BOOK
NO.
BY
DATE





MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:Pvl\DOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-Drainage-Plan_ProfDgn

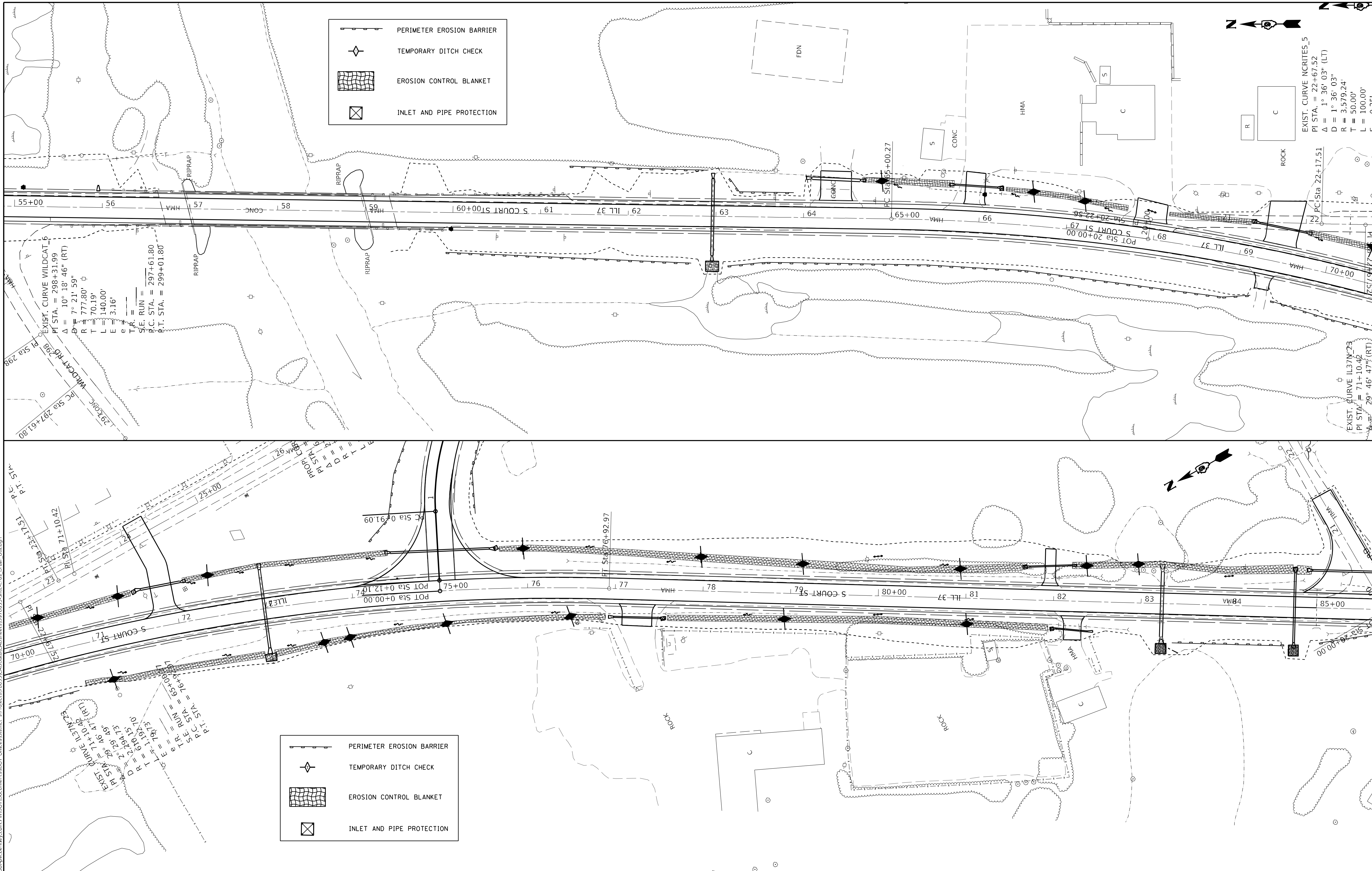
USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CLEANOUT PLAN & PROFILE
STA 434+85 DS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	222
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		



USER NAME = elise.knop	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN	F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 223
	DRAWN	REVISED -			CONTRACT NO. 78633				
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							
PLOT DATE = 8/20/2024	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: pw:\\idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\D978633-Sht-Eros Drain Util.dgn

PERIMETER EROSION BARRIER
TEMPORARY DITCH CHECK
EROSION CONTROL BLANKET
INLET AND PIPE PROTECTION

N

PERIMETER EROSION BARRIER
TEMPORARY DITCH CHECK
EROSION CONTROL BLANKET
INLET AND PIPE PROTECTION

N

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\0927833-Sht-Eros Drain Util.dgn

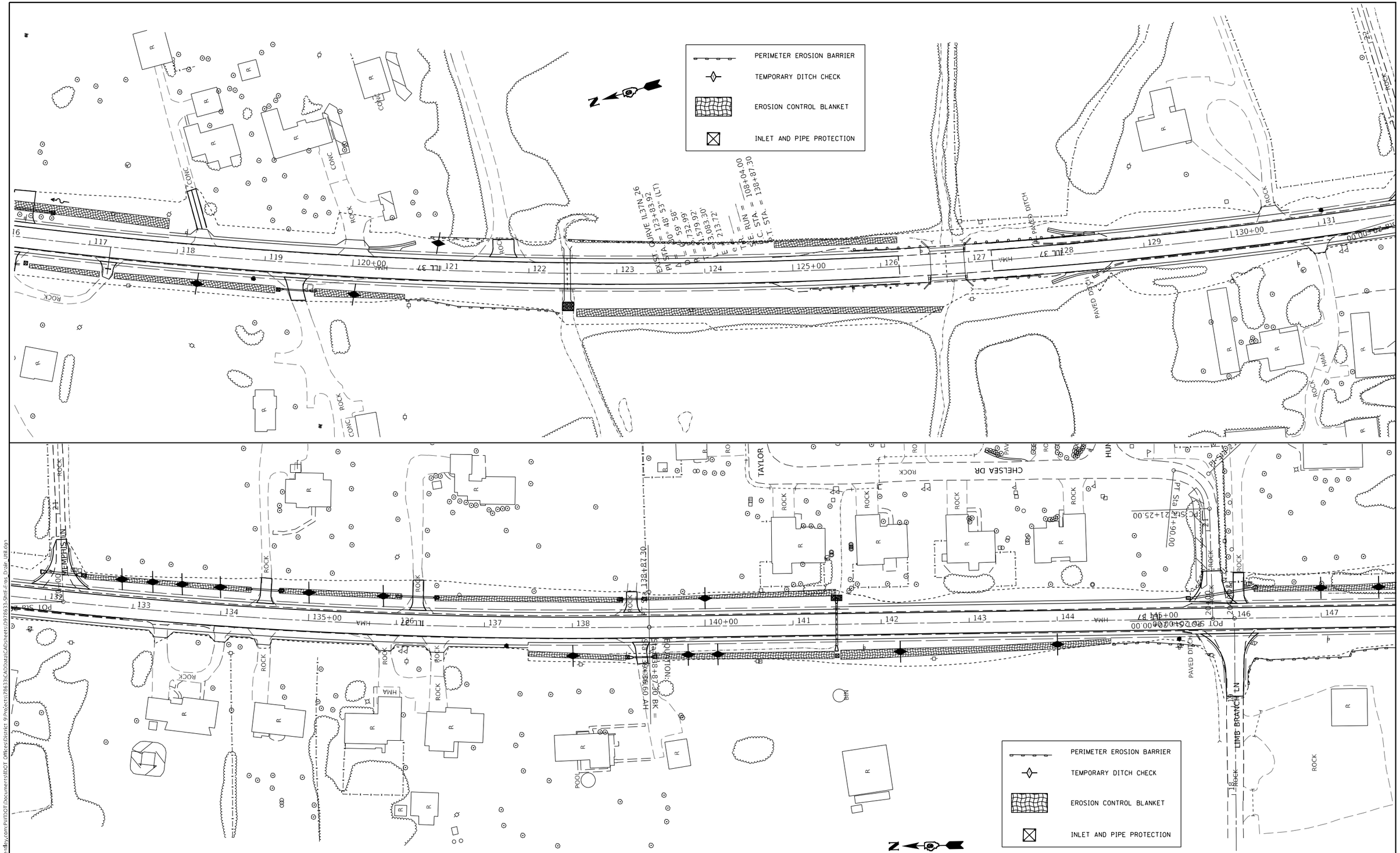
USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	224
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	



USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	225
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\Data\CAD\sheets\0978633-Sht-Eros Drain Util.dgn

PERIMETER EROSION BARRIER
TEMPORARY DITCH CHECK
EROSION CONTROL BLANKET
INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER
TEMPORARY DITCH CHECK
EROSION CONTROL BLANKET
INLET AND PIPE PROTECTION

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

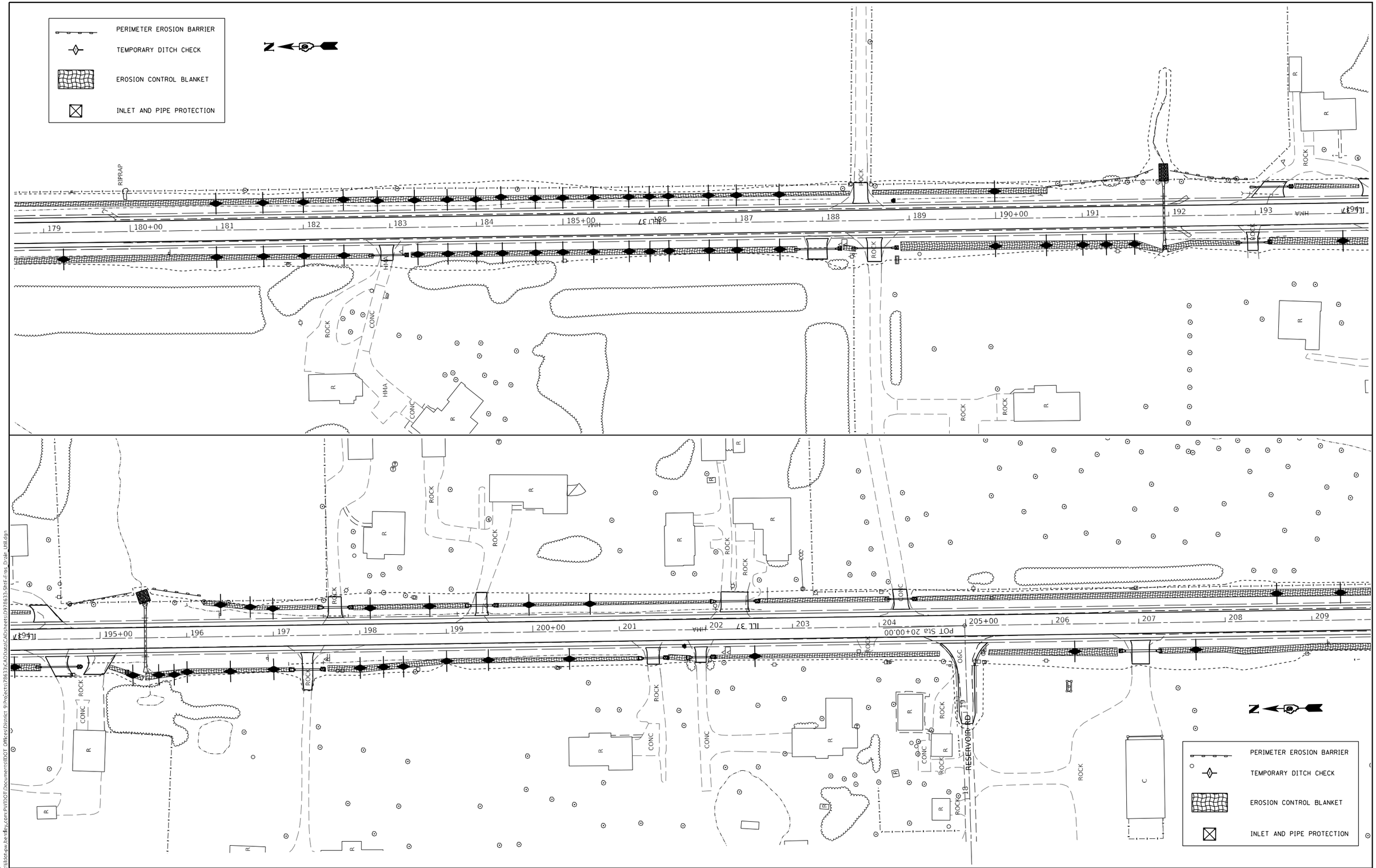
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	226
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\0978633-Sht-Eros Drain Util.dgn



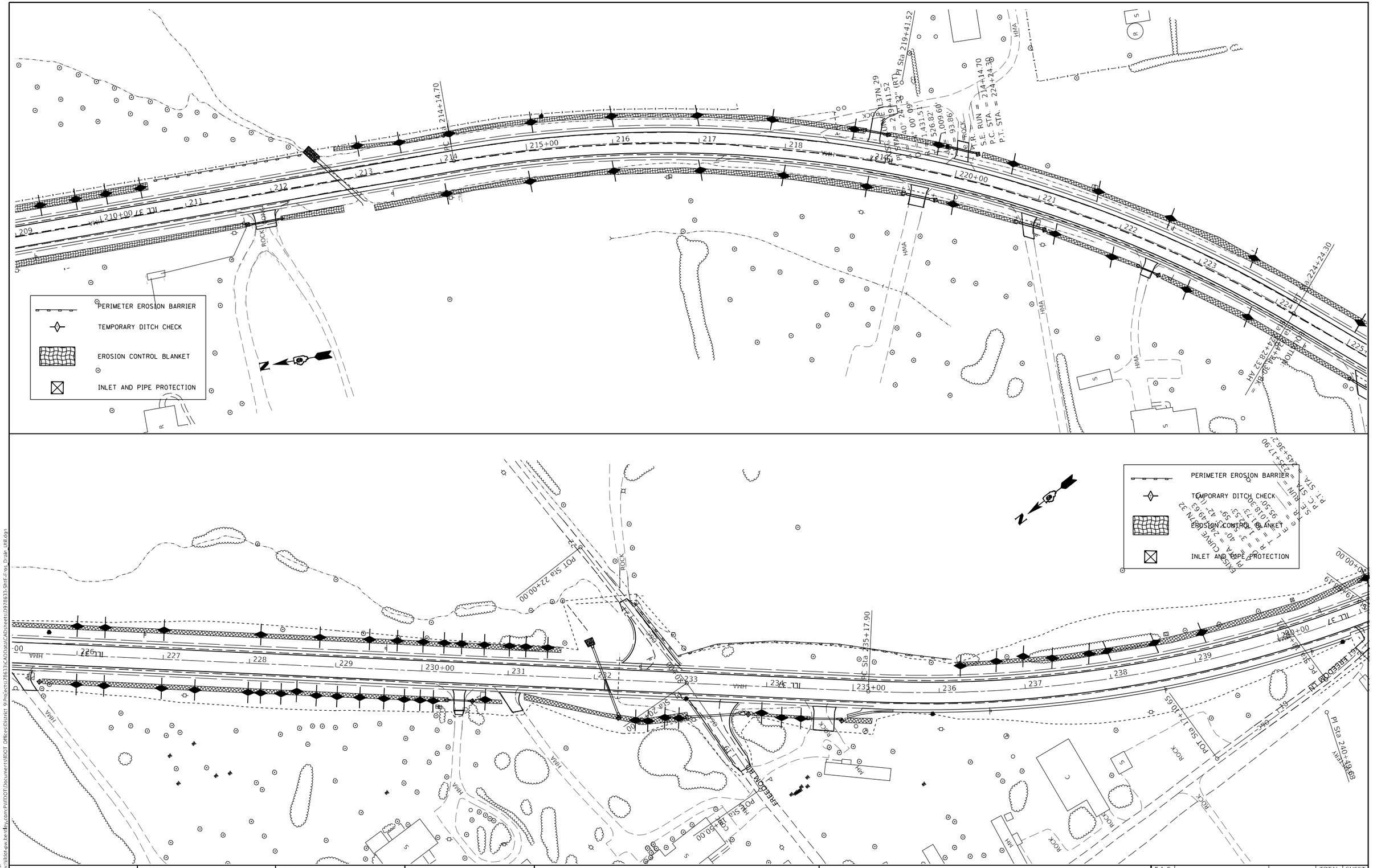
MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Office\District 9\Projects\78633\CAD\Data\CADSheets\D978633-SHT-Eros_Drain_Util.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

EROSION CONTROL PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	227
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			



USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

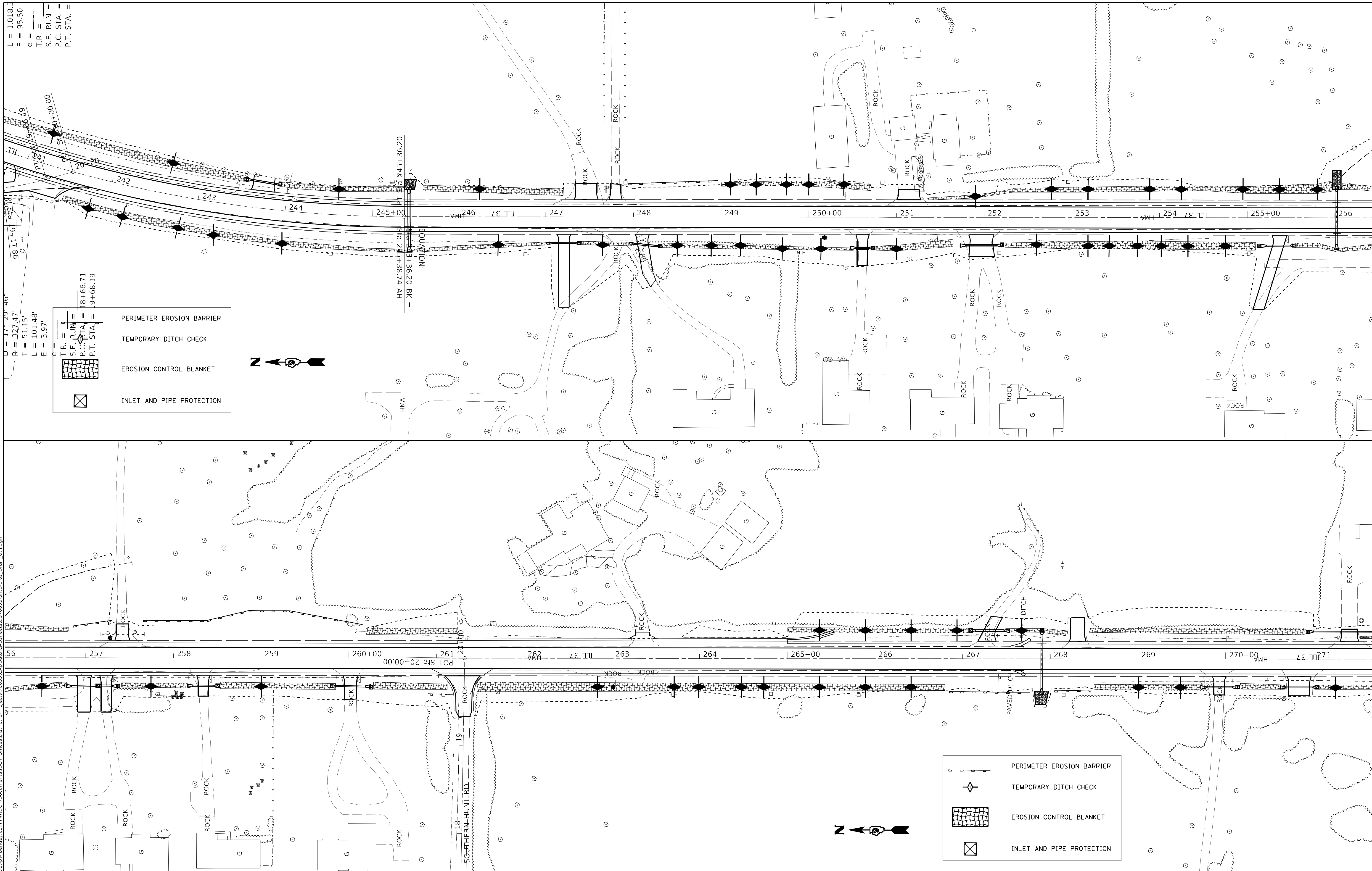
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	228
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\0078633-SHT-Eros Drain Util.dgn



MODEL: Default

USER NAME = elise.knop	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

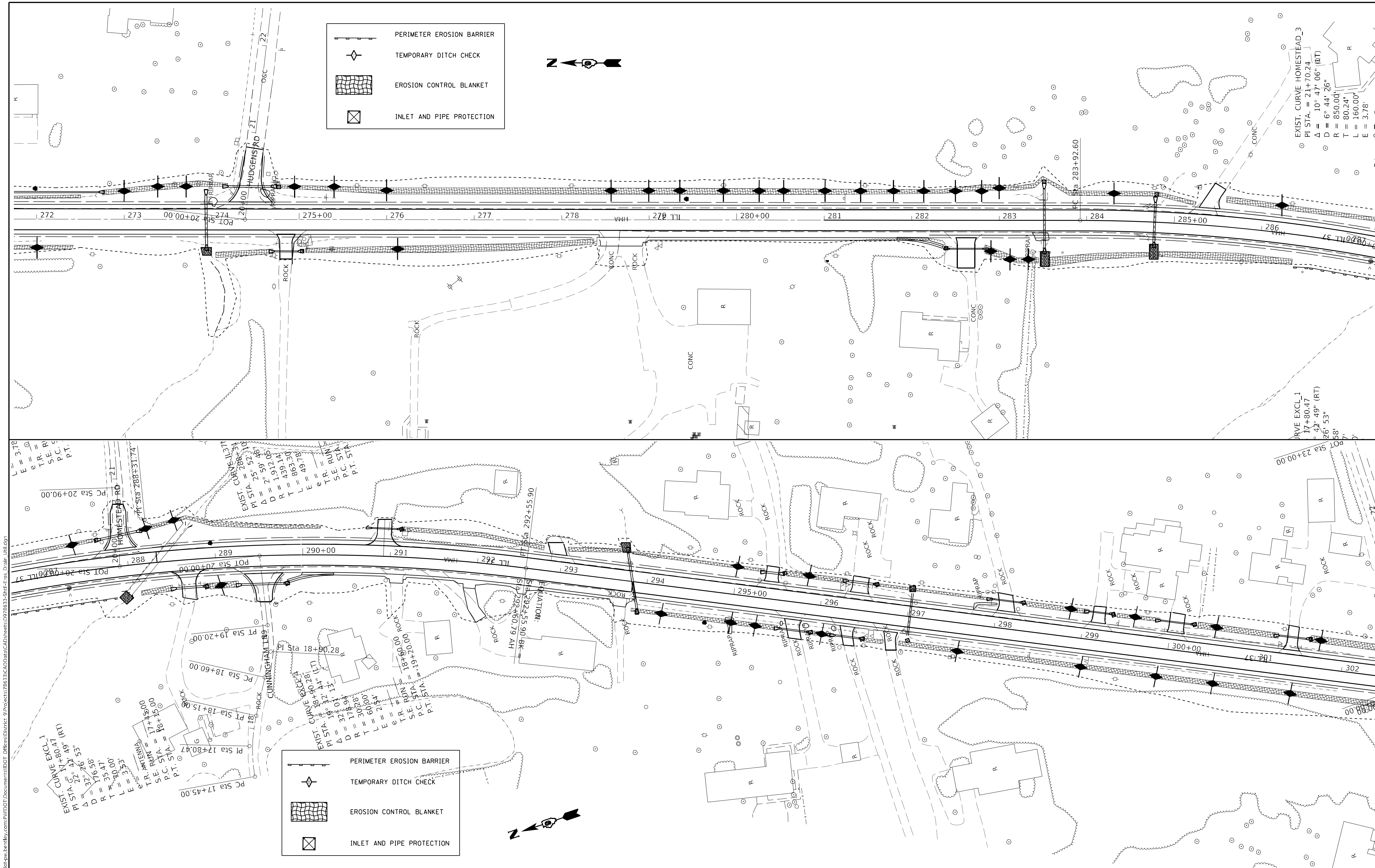
EROSION CONTROL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	229

CONTRACT NO. 78633

ILLINOIS FED. AID PROJECT



MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\D978633-ShtE-Eros_Drain_Util.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

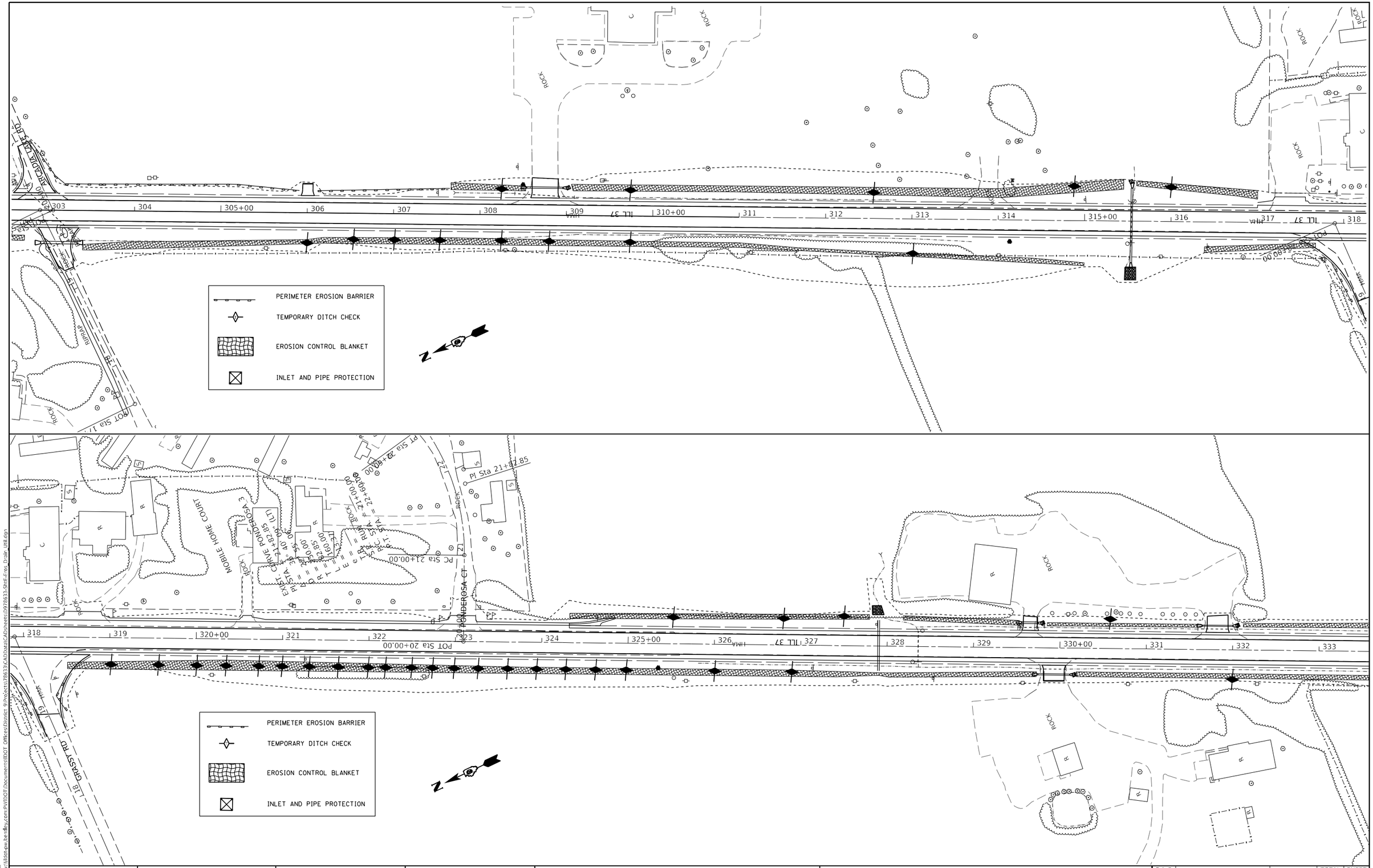
EROSION CONTROL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	230

CONTRACT NO. 78633

ILLINOIS FED. AID PROJECT



MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOTDocuments\IDOT Offices\District 9\Projects\178633\CADD\Data\CAD\sheets\0978633-SHT-Eros Drain Util.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	231
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		

PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECK

EROSION CONTROL BLANKET

INLET AND PIPE PROTECTION

N

PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECK

EROSION CONTROL BLANKET

INLET AND PIPE PROTECTION

N

USER NAME = elise,krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

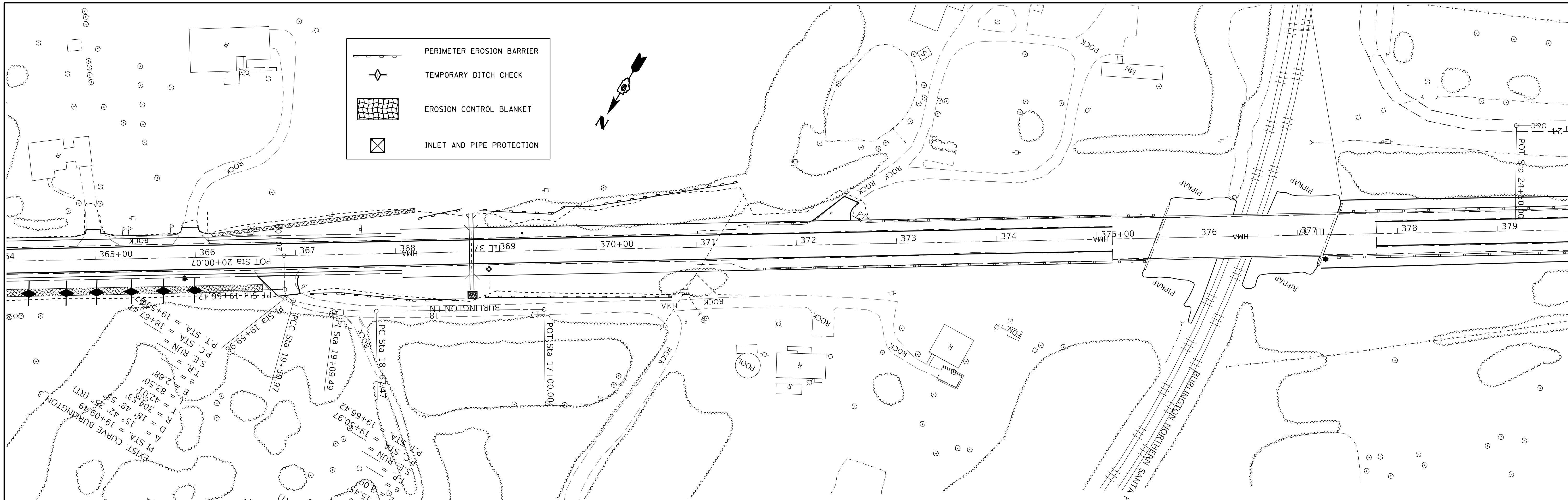
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

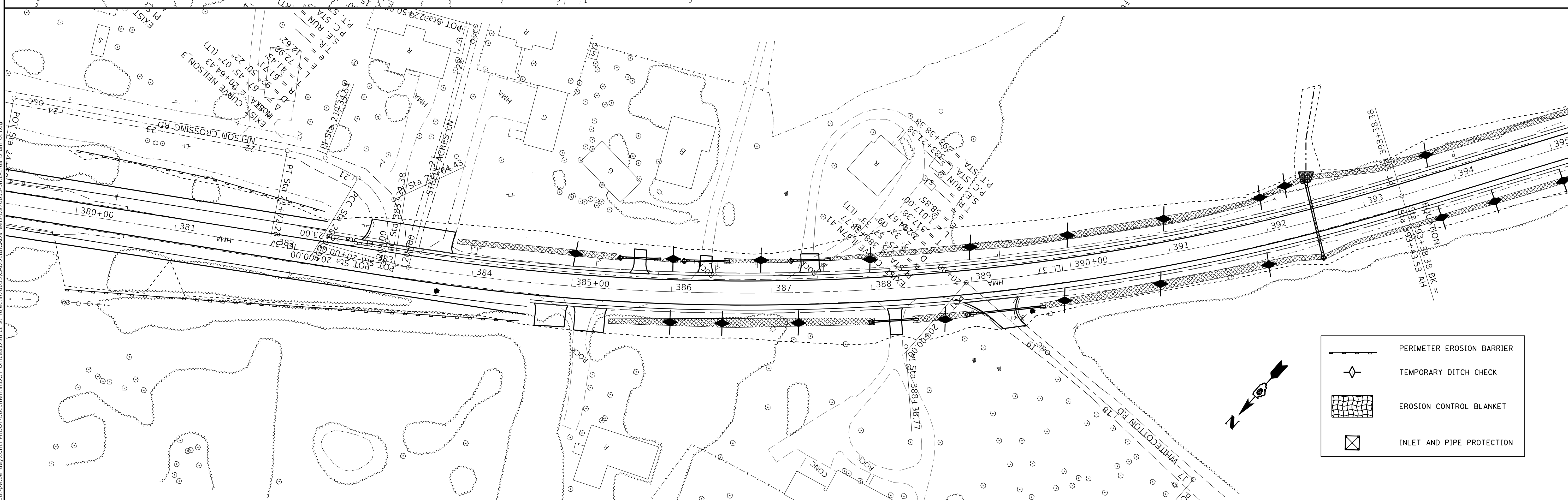
EROSION CONTROL PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	232
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT-Documents\\IDOT Offices\District 9\Projects\78633\CADD\data\CADsheets\D978633-Sht-Eros Drain Util.dgn





MODEL: Default
FILE NAME: pw:\\idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-SHT-Eros Drain Util.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -
	DRAWN	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	233

CONTRACT NO. 78633

ILLINOIS FED. AID PROJECT

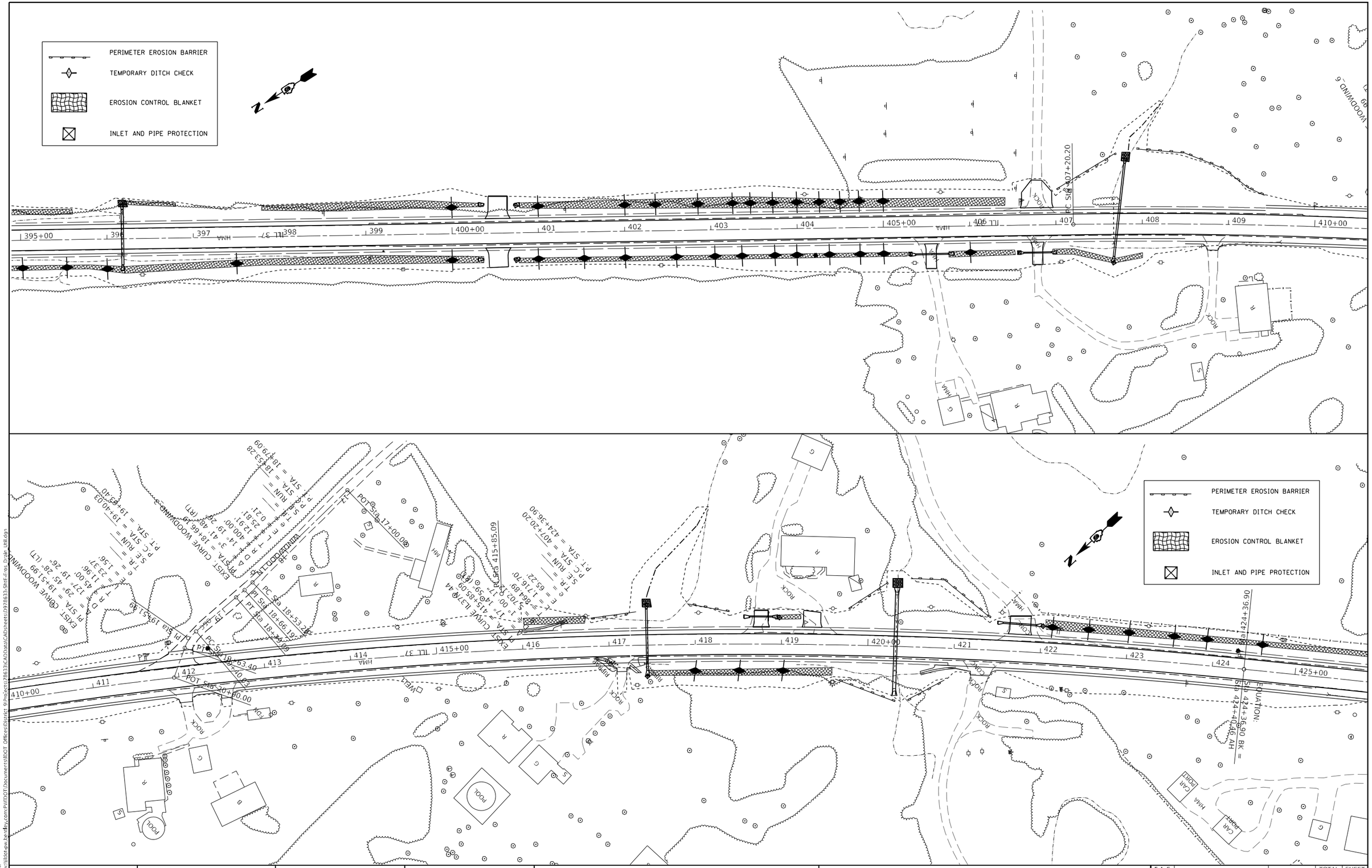
PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECK

EROSION CONTROL BLANKET

INLET AND PIPE PROTECTION

N



USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

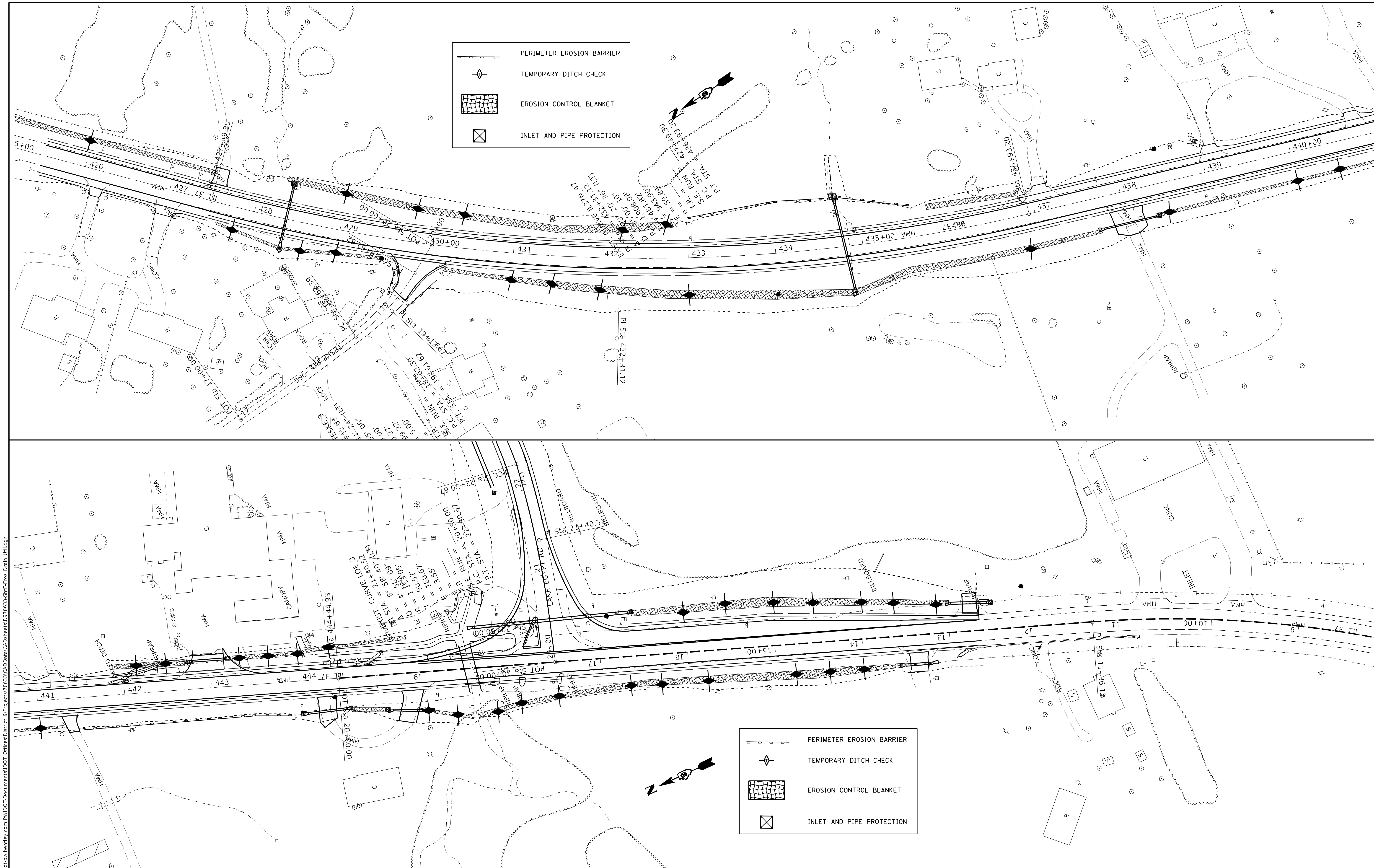
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	234
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\0978633-SHT-Eros Contr Util.dgn



MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\D978633-ShtE-Eros_Drain_Util.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

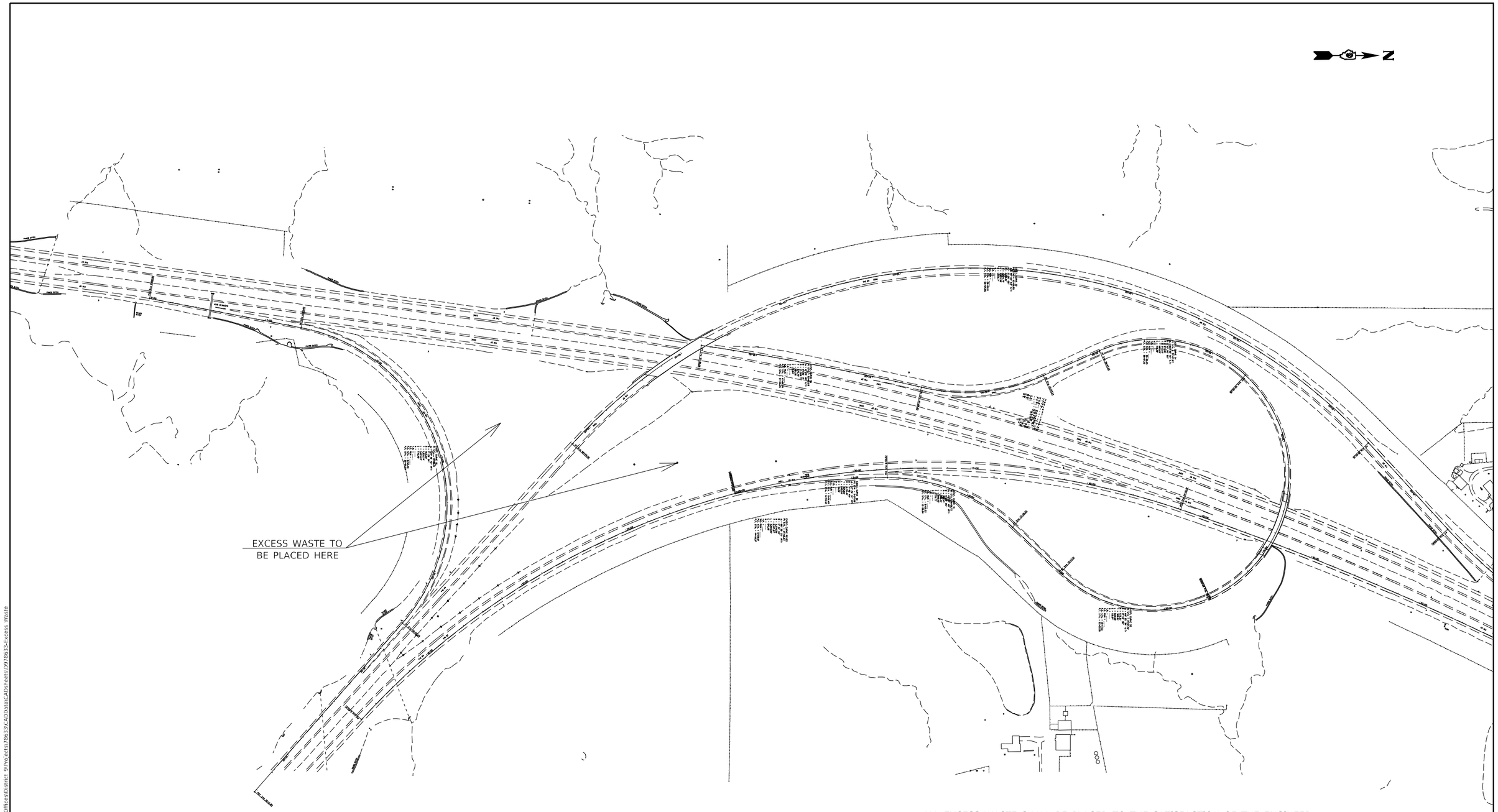
EROSION CONTROL PLAN

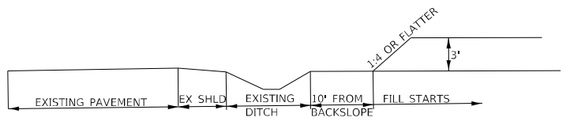
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	235

CONTRACT NO. 78633

ILLINOIS FED. AID PROJECT





ALL EXCESS WASTE SHALL BE PLACED TO THE SATISFACTION OF THE ENGINEER.
DRAINAGE DITCHES SHALL BE LEFT OPEN AND FREE FLOWING TO EXISTING CONDITIONS.
ALL PLACED MATERIAL SHALL HAVE THE SAME DRAINAGE FLOW OF EXISTING CONDITIONS.

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\data\CADsheets\D978633-Excess Waste

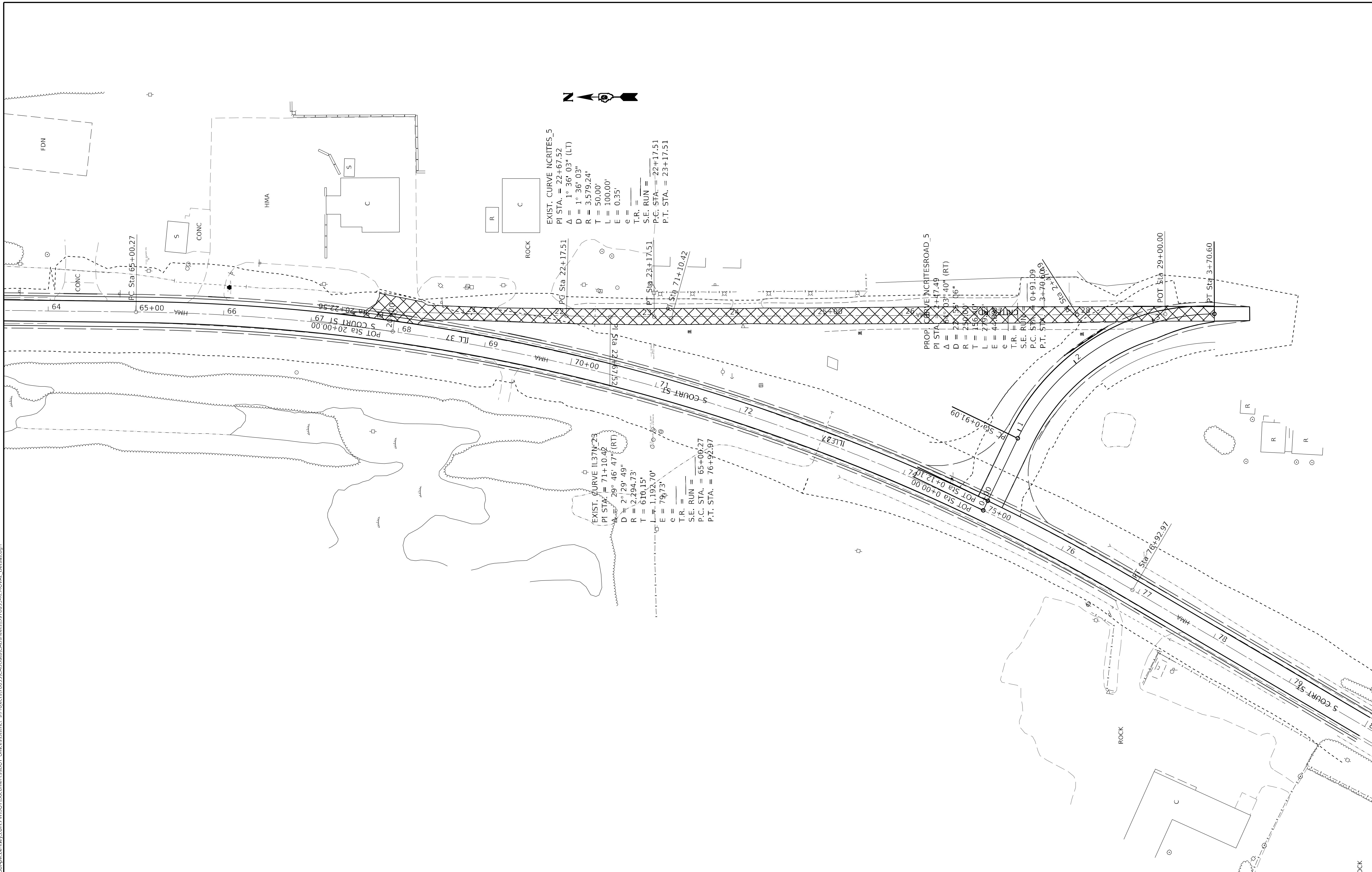
USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 400.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXCESS WASTE LOCATION

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	236
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			



MODEL: Default
FILE NAME: pw:\\lidot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-REMOVAL Details.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CRITES ROAD REMOVAL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	236

CONTRACT NO. 78633

ILLINOIS FED. AID PROJECT

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
492	STACY MOREHEAD	T.E.	0.014 ACRES±
493	W. A. FISHER SR. TRUST	T.E.	0.011 ACRES±
494	AMEREN ILLINOIS COMPANY	T.E.	0.052 ACRES±
495	THE CITY OF MARION	R.O.W.	0.273 ACRES±
496	ERIC & KATHERINE WIEGAND	R.O.W.	0.742 ACRES±
497	THE CITY OF MARION	R.O.W.	0.013 ACRES±

EXIST. CURVE WILDCAT 6
PI STA. = 298+31.99
Δ = 10° 18′ 46″ (RT)
D = 7° 21′ 59″
R = 777.80′
T = 70.19′
L = 140.00′
P.C. STA. = 297+61.80
P.T. STA. = 299+01.80

ALIGNMENT INFO
WILDCAT DRIVE

POINT#	STATION	NORTHING	EASTING
WILDCAT1	290+00.00	382186.42	809997.49
P.C.3	291+69.76	382188.57	810167.24
P.T.3	296+78.96	382358.54	810637.21
P.C.6	297+61.80	382410.72	810701.55
P.T.6	299+01.80	382488.66	810817.62
WILDCAT8	300+00.00	382535.86	810903.73

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
P.C.19	42+30.30	383750.72	810905.58
P.T.19	45+65.30	383415.73	810906.95
P.C.22	47+53.49	383227.55	810909.45
P.T.22	52+53.49	382727.58	810907.66
STAEQU3	52+55.75	382727.58	810907.66
P.C.25	65+00.27	381483.32	810882.19

EXIST. CURVE IL37N 20
PI STA. = 50+03.52
Δ = 1° 56′ 04″ (RT)
D = 0° 23′ 13″
R = 14,809.96′
T = 250.02′
L = 500.00′
P.C. STA. = 47+53.49
P.T. STA. = 52+53.49

COORDINATE DATA

PT#	NORTHING	EASTING
A7	382726.35	810967.64
A13	382688.30	810821.83
A14	382687.78	810866.83
A29	382342.25	810959.78
A30	383415.20	810866.95
A31	383416.26	810946.94
A39	382239.98	810822.66
A34	382303.66	810968.99
A43	383376.98	810867.46
A44	383376.91	810862.46
A45	383279.82	810863.75
A46	383279.90	810868.75
A54	382944.58	810955.51
A59	382530.09	811063.65
A60	382630.07	811165.69
A64	382431.34	811001.61
A67	382342.92	810999.80

COORDINATE DATA

PT#	NORTHING	EASTING
JH338	382242.40	810967.74
JH339	382241.18	810894.51
JH347	382240.23	810837.67
R2	382342.42	810969.79
R4	382819.71	810969.26
R9	382944.54	810950.51
R14	382465.09	810657.46
R23	382837.71	810869.50
R31	382819.58	810954.26
R36	382687.95	810851.84
R37	382837.88	810854.51

SW QUARTER SE QUARTER
SECTION 24
T. 9 S., R. 2 E., 3RD P.M.

SE QUARTER SE QUARTER
SECTION 24
T. 9 S., R. 2 E., 3RD P.M.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

SCALE
100′ 0 50′ 100′

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 1 OF 28 SHEETS | STA. 44+00.00 | TO STA. 59+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37	113R-1	WILLIAMSON	486	238
	SECTION 24; T9S; R2E	CONTRACT NO. 78633		
R-99-004-18	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\0978633-Shtf-ROW.dgn

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
500	CITY OF MARION	R.O.W.	0.023 ACRES±
502	R & R PIPELINE	T.E.	0.012 ACRES±
505	DENNIS & JOYCE MIDGETT	T.E.	0.013 ACRES±
507	BREWSTER RENTALS LLC	R.O.W.	0.851 ACRES±
509	KEVIN TONDINI (COMMERCIAL)	R.O.W./T.E.	0.163/0.236 ACRES±

SW QUARTER NE QUARTER

SECTION 25

T. 9 S., R. 2 E., 3RD P.M.

NW QUARTER NE QUARTER

SECTION 25

T. 9 S., R. 2 E., 3RD P.M.

SE QUARTER NE QUARTER

SECTION 25

T. 9 S., R. 2 E., 3RD P.M.

NE QUARTER NE QUARTER

SECTION 25

T. 9 S., R. 2 E., 3RD P.M.

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU3	52+55.75	382727.58	810907.66
P.C.25	65+00.27	381483.32	810882.19
P.T.25	76+92.97	380350.04	810555.88

COORDINATE DATA

PT#	NORTHING	EASTING
JH330	381482.09	810942.17
JH341	381634.79	810825.27
JH342	381734.76	810827.32
JH343	381734.97	810817.32
JH344	381634.99	810815.28
JH346	381484.55	810822.20
JH358	380899.73	810885.45
JH363	380762.94	810814.13
JH364	380586.16	810745.11
JH372	380899.05	810835.69
JH373	380899.29	810853.17
JH378	380750.09	810851.43
JH433	380897.91	810752.17
JH434	380897.63	810731.25
JH435	380636.27	810630.60
JH438	380626.25	810653.50
JH447	380897.56	810726.01

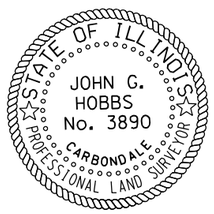
EXIST. CURVE IL37N 23
PI STA. = 71+10.42
Δ = 29° 46′ 47″ (RT)
D = 2° 29′ 49″
R = 2,294.73′
T = 610.15′
L = 1,192.70′
P.C. STA. = 65+00.27
P.T. STA. = 76+92.97

EXIST. CURVE NCRITES 5
PI STA. = 22+67.52
Δ = 1° 36′ 03″ (LT)
D = 1° 36′ 03″
R = 3,579.24′
T = 50.00′
L = 100.00′
P.C. STA. = 22+17.51
P.T. STA. = 23+17.51

ALIGNMENT INFO
NORTH CRITES ROAD

POINT#	STATION	NORTHING	EASTING
NCRITES1	20+00.00	381190.92	810857.44
NCRITES3	20+22.56	381187.59	810879.74
P.C.5	22+17.51	380992.73	810873.63
P.T.5	23+17.51	380892.74	810871.90
NCRITES7	29+00.00	380310.26	810869.91

QUARTER QUARTER SECTION LINE
℄ FAS 2887 (IL 37)
℄ N. CRITES ROAD
EXISTING UTILITY EASEMENT
TEMP. EASE.
PROPOSED ROW
EXISTING ROW
EXISTING RAILROAD ROW
PARCEL 509
PARCEL 507
PARCEL 505
PARCEL 500
PARCEL 502
74+00.00 40. 50 & 65′ RT JH438 JH435
71+13.54 65.00 RT JH447
71+11.95 60.00 RT JH434
71+05.64 40.00 RT JH433
74+00.00 60.00 LT JH365
72+15.00 60.00 LT JH363
72+15.00 99.45 LT JH378
70+81.55 40.00 LT JH372
70+76.71 56.74 LT JH373
70+67.96 87.74 LT JH358
68+91.43 60.00 LT
69+00.00 61.63 & 67.14 LT
70+00.00 83.32 & 88.62 LT
65+00.27 60.00 RT JH346
63+50.00 60′ & 70′ RT JH341 JH344
62+50.00 60′ & 70′ RT JH342 JH343
59+01.96 60.00 RT
65+12.21 60.00 LT
65+00.27 60.00 LT JH330
64+75.00 60′ & 65′ LT
63+75.00 60′ & 65′ LT
PT Sta 23+17.51
PC Sta 22+17.51
POT Sta 20+00.00
PI Sta 20+22.56
PC Sta 65+00.27



JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT Documents\IDOT Offices\District 9\Projects\78633\CADData\CAD\sheets\0978633-SHT-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1″ = 100′ | SHEET 2 OF 28 SHEETS | STA. 59+00.00 | TO STA. 74+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	239
IL RTE 37; SEC 25; T9S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

PARCEL #	OWNERS NAME	PURPOSE	ACREAGE
507	BREWSTER RENTALS, LLC	R.O.W.	0.851 ACRES±
508	CASEY RENTALS, LLC	R.O.W.	0.646 ACRES±
509	KEVIN TONDINI (COMMERCIAL)	R.O.W./T.E.	0.163/0.236 ACRES±
510	KEVIN TONDINI (RESIDENTIAL)	R.O.W./T.E.	0.092/0.018 ACRES±
511	LOWELL DEAN MAUSEY	R.O.W./T.E./P.E.	0.265/0.041/0.137 ACRES±
512	SAMUEL & LISA SHORT	R.O.W.	0.079 ACRES±
513	JAMIE SHORT	R.O.W.	0.083 ACRES±

COORDINATE DATA

PT#	NORTHING	EASTING
JH365	380586.16	810745.11
JH369	380451.82	810847.95
JH387	380319.18	810607.34
JH388	380438.07	810700.54
JH389	380434.50	810707.81
JH392	380448.42	810679.43
JH393	380254.26	810819.72
JH396	380160.48	810819.40
JH400	380145.03	810844.38
JH401	380314.03	810615.92
JH402	379879.21	810355.14
JH403	379881.78	810350.85
JH404	379624.50	810196.55
JH407	379615.00	810202.52

COORDINATE DATA

PT#	NORTHING	EASTING
JH415	379551.25	810123.47
JH417	379850.03	810209.37
JH418	379860.31	810192.22
JH419	379688.79	810089.35
JH420	379678.51	810106.51
JH435	380636.27	810630.60
JH438	380626.25	810653.50
JH446	379550.04	810029.46
JH488	379549.81	810011.83
JH522	379451.48	810081.13
JH523	379570.05	810163.90
JH524	379448.94	810091.26
JH525	379550.64	810076.46
JH526	379551.62	810152.85

SW QUARTER NE QUARTER

SECTION 25

T. 9 S., R. 2 E., 3RD P.M.

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU3	52+55.75	382727.58	810907.66
P.C.25	65+00.27	381483.32	810882.19
P.T.25	76+92.97	380350.04	810555.88
STAEQU4	92+06.09	379111.30	809812.98

EXISTING UTILITY EASEMENT
QUARTER SECTION LINE
IMAGINARY LINE SEPERATING COMMERCIAL & RESIDENTIAL PROPERTY
PARCEL 511
PARCEL 510
PARCEL 509
PARCEL 512
PARCEL 513
PARCEL 508
PARCEL 507
PROPOSED ROW
EXISTING ROW
TEMP. EASE.
℄ FAS 2887 (IL 37)
℄ S. CRITES RD 121
℄ N. CRITES RD 128
QUARTER QUARTER SECTION LINE
QUARTER SECTION LINE
POT Sta 20+00.00
POT Sta 23+00.00
POT Sta 76+92.97
82+50.00 40' & 60' RT
85+00.00 40' & 60' RT JH419 JH420
85+75.00 40' & 50' RT
86+59.06 55.00 RT JH488
86+55.98 50.00 RT
86+49.80 40.00 RT JH446
83+00.00 40' & 60' RT JH417 JH418
79+00.00 45' & 60' RT
76+92.97 40' & 45' RT
76+00.00 40' & 50' RT
74+00.00 40' & 65' RT JH438 JH435
74+00.00 50.00 RT
86+25.11 0.00 JH525
85+78.45 40.00 LT
85+26.02 40.00 LT
86+00.41 40.00 LT JH415
87+12.29 40.00 LT
87+07.75 55.00 LT JH522
87+04.71 65.00 LT JH524
85+84.98 65.00 LT JH526
85+63.50 65.00 LT JH523
85+00.00 65.00 LT JH404
85+05.08 75.00 LT JH407
82+00.00 65' & 70' LT JH403 JH402
76+92.97 60' & 70' LT JH387 JH401
75+48.73 60.00 LT JH392
75+48.25 83.51 LT JH388
75+48.08 91.61 LT JH389
74+00.00 60.00 LT JH365
74+75.00 209.41 LT JH369
76+45.16 276.08 LT JH393
77+20.00 323.48 LT JH396
77+20.00 352.61 LT JH400

ALIGNMENT INFO
SOUTH CRITES ROAD

POINT#	STATION	NORTHING	EASTING
SCRITES1	20+00.00	379590.33	810100.27
SCRITES2	23+00.00	379593.16	810400.26

ALIGNMENT INFO
NORTH CRITES ROAD

POINT#	STATION	NORTHING	EASTING
NCRITES1	20+00.00	381190.92	810857.44
NCRITES3	20+22.56	381187.59	810879.74
P.C.5	22+17.51	380992.73	810873.63
P.T.5	23+17.51	380892.74	810871.90
NCRITES7	29+00.00	380310.26	810869.91

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
PROFESSIONAL LAND SURVEYOR
CARBONDALE

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

SCALE
100′ 0 50′ 100′

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

MODEL: Default
FILE NAME: pw:\\illdot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\data\CAD\sheets\D978633-Sht1-ROW.dgn

USER NAME = elise.kreip	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 3 OF 28 SHEETS | STA. 74+00.00 | TO STA. 89+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	240
IL RTE 37; SEC 25; T9S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU3	52+55.75	382727.58	810907.66
P.C.25	65+00.27	381483.32	810882.19
P.T.25	76+92.97	380350.04	810555.88
STAEQU4	92+06.09	379111.30	809812.98
P.C.30	108+04.00	377740.94	808991.13

COORDINATE DATA

PT#	NORTHING	EASTING
JH57	378189.71	809260.27
JH58	378193.04	809545.19
JH450	379101.93	809743.23
JH451	379107.08	809734.65
JH452	379042.76	809696.08
JH453	379035.04	809708.94
JH454	378884.96	809618.93
JH455	378879.82	809627.51
JH475	378785.95	809547.89
JH497	378188.88	809189.81
JH498	378189.16	809213.30
JH512	379139.59	809765.81
JH527	379200.85	809930.81
JH528	379195.71	809939.39
JH529	379077.87	809868.72
JH530	379075.87	809873.01
JH532	378948.31	809796.85

COORDINATE DATA

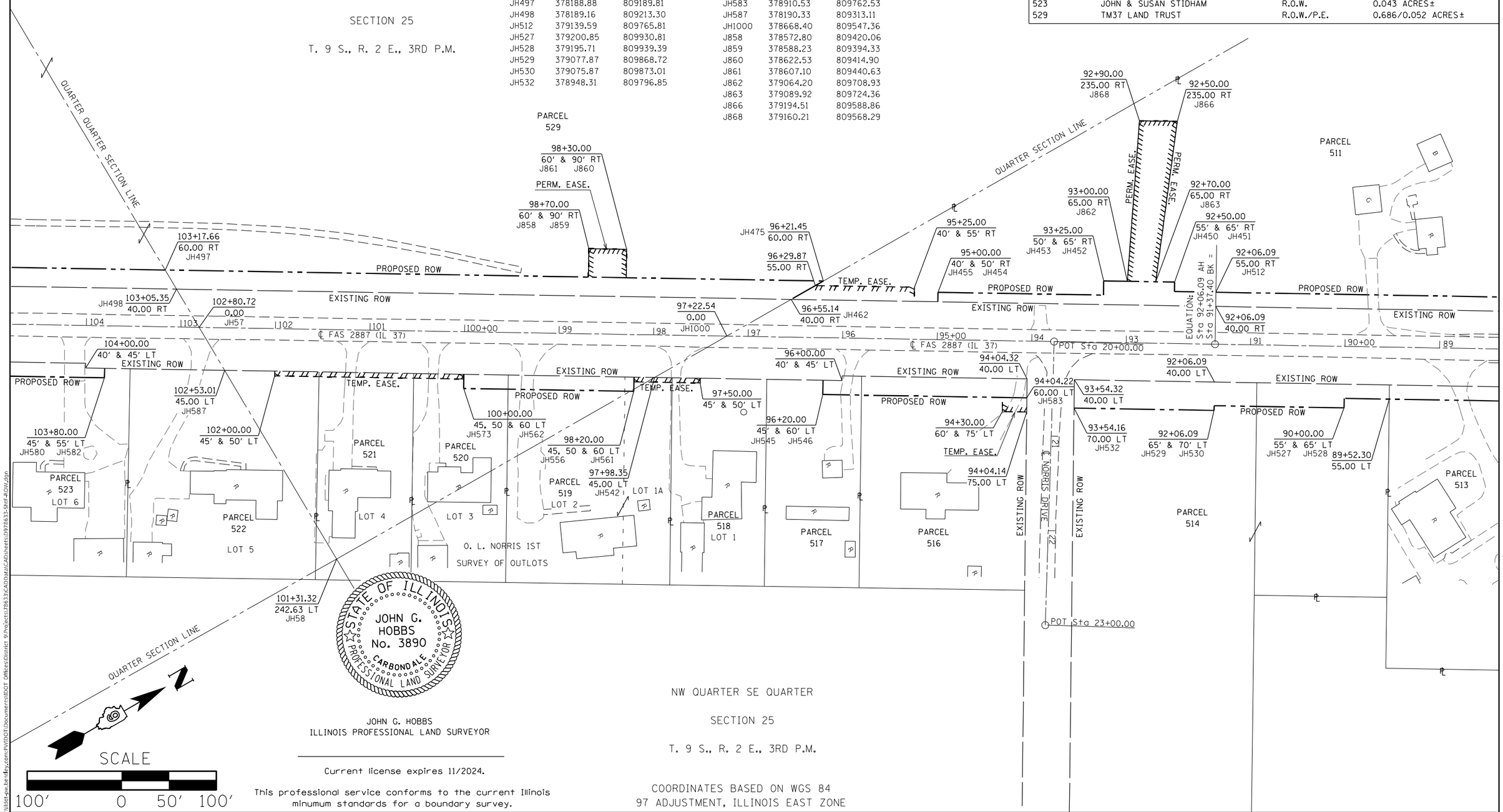
PT#	NORTHING	EASTING
JH542	378580.24	809546.95
JH545	378733.19	809638.68
JH546	378725.48	809651.55
JH556	378561.67	809535.82
JH561	378553.96	809548.68
JH562	378399.59	809456.10
JH573	378407.30	809443.24
JH580	378081.42	809247.80
JH582	378076.28	809256.37
JH583	378910.53	809762.53
JH587	378190.33	809313.11
JH1000	378668.40	809547.36
J858	378572.80	809420.06
J859	378588.23	809394.33
J860	378622.53	809414.90
J861	378607.10	809440.63
J862	379064.20	809708.93
J863	379089.92	809724.36
J866	379194.51	809588.86
J868	379160.21	809568.29

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
511	LOWELL DEAN MAUSEY	R.O.W./T.E./P.E.	0.265/0.041/0.137 ACRES±
513	JAMIE SHORT	R.O.W.	0.083 ACRES±
514	JAMIE, MATTHEW & JENNIFER SHORT	R.O.W.	0.197 ACRES±
516	PATRICIA K. CAMPBELL	R.O.W./T.E.	0.080/0.009 ACRES±
517	CARLOS & SHELIA MORSE	R.O.W.	0.016 ACRES±
518	CARLOS & SHELIA MORSE	T.E.	0.003 ACRES±
519	CARLOS SCOTT MORSE	R.O.W./T.E.	0.046/0.005 ACRES±
520	THOMAS & SUELLEN SANDERS	R.O.W./T.E.	0.016/0.006 ACRES±
521	RICHARD & DEBORAH WALL	T.E.	0.012 ACRES±
522	COREY WARD	T.E.	0.005 ACRES±
523	JOHN & SUSAN STIDHAM	R.O.W.	0.043 ACRES±
529	TM37 LAND TRUST	R.O.W./P.E.	0.686/0.052 ACRES±

NE QUARTER SW QUARTER

SECTION 25

T. 9 S., R. 2 E., 3RD P.M.



JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

NW QUARTER SE QUARTER

SECTION 25

T. 9 S., R. 2 E., 3RD P.M.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SCALE
100′ 0 50′ 100′

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 4 OF 28 SHEETS | STA. 89+00.00 | TO STA. 104+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	241
IL RTE 37; SEC 25; T9S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\Data\CAD\sheets\0978633-Shtf-ROW.dgn

ALIGNMENT INFO
FAS 2887 (IL 37)

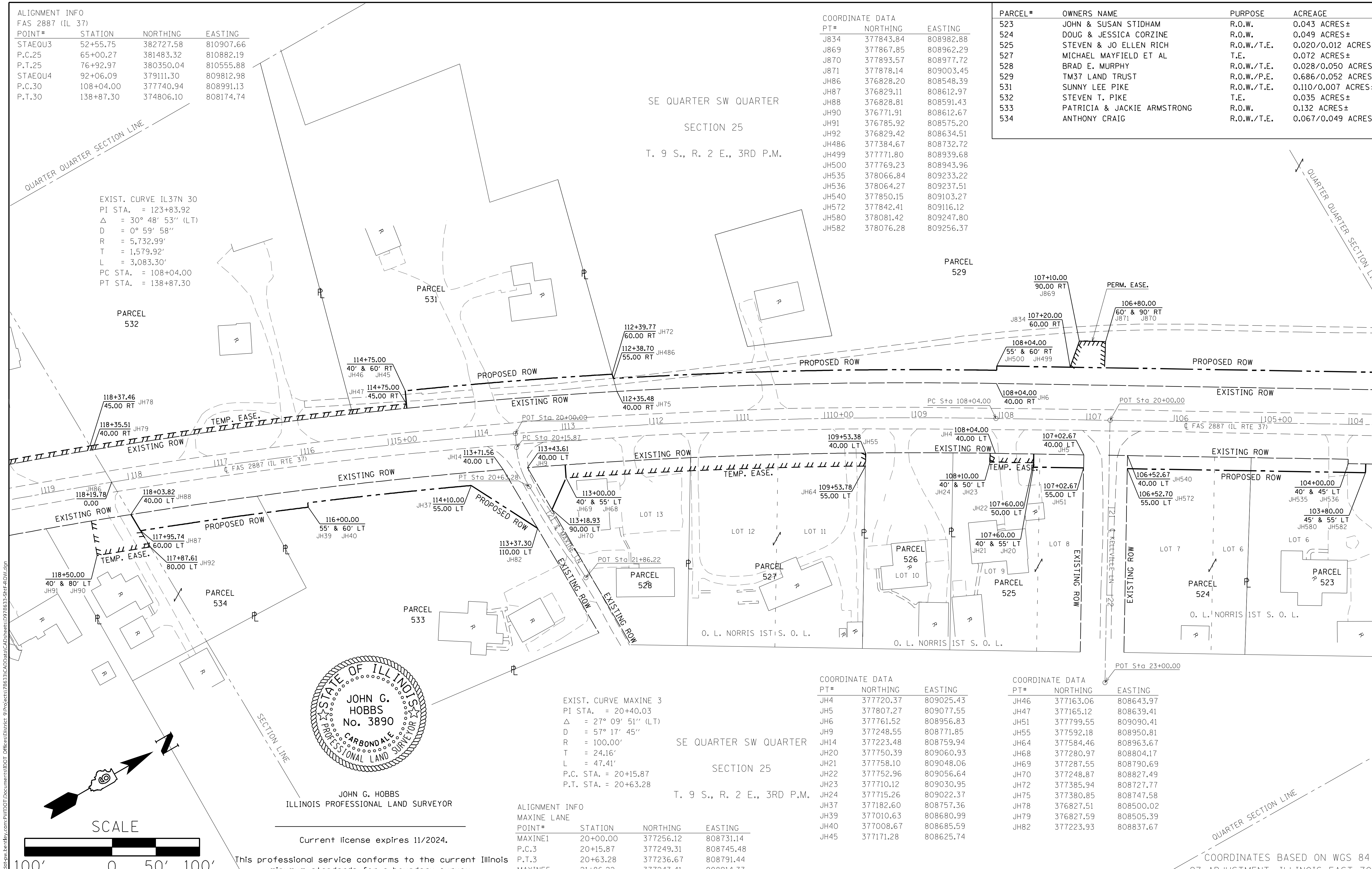
POINT#	STATION	NORTHING	EASTING
STAEQU3	52+55.75	382727.58	810907.66
P.C.25	65+00.27	381483.32	810882.19
P.T.25	76+92.97	380350.04	810555.88
STAEQU4	92+06.09	379111.30	809812.98
P.C.30	108+04.00	377740.94	808991.13
P.T.30	138+87.30	374806.10	808174.74

COORDINATE DATA

PT#	NORTHING	EASTING
J834	377843.84	808982.88
J869	377867.85	808962.29
J870	377893.57	808977.72
J871	377878.14	809003.45
JH86	376828.20	808548.39
JH87	376829.11	808612.97
JH88	376828.81	808591.43
JH90	376771.91	808612.67
JH91	376785.92	808575.20
JH92	376829.42	808634.51
JH486	377384.67	808732.72
JH499	377771.80	808939.68
JH500	377769.23	808943.96
JH535	378066.84	809233.22
JH536	378064.27	809237.51
JH540	377850.15	809103.27
JH572	377842.41	809116.12
JH580	378081.42	809247.80
JH582	378076.28	809256.37

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
523	JOHN & SUSAN STIDHAM	R.O.W.	0.043 ACRES±
524	DOUG & JESSICA CORZINE	R.O.W.	0.049 ACRES±
525	STEVEN & JO ELLEN RICH	R.O.W./T.E.	0.020/0.012 ACRES±
527	MICHAEL MAYFIELD ET AL	T.E.	0.072 ACRES±
528	BRAD E. MURPHY	R.O.W./T.E.	0.028/0.050 ACRES±
529	TM37 LAND TRUST	R.O.W./P.E.	0.686/0.052 ACRES±
531	SUNNY LEE PIKE	R.O.W./T.E.	0.110/0.007 ACRES±
532	STEVEN T. PIKE	T.E.	0.035 ACRES±
533	PATRICIA & JACKIE ARMSTRONG	R.O.W.	0.132 ACRES±
534	ANTHONY CRAIG	R.O.W./T.E.	0.067/0.049 ACRES±

EXIST. CURVE IL37N 30
PI STA. = 123+83.92
Δ = 30° 48′ 53″ (LT)
D = 0° 59′ 58″
R = 5,732.99′
T = 1,579.92′
L = 3,083.30′
PC STA. = 108+04.00
PT STA. = 138+87.30



JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

EXIST. CURVE MAXINE 3
PI STA. = 20+40.03
Δ = 27° 09′ 51″ (LT)
D = 57° 17′ 45″
R = 100.00′
T = 24.16′
L = 47.41′
P.C. STA. = 20+15.87
P.T. STA. = 20+63.28

ALIGNMENT INFO
MAXINE LANE

POINT#	STATION	NORTHING	EASTING
MAXINE1	20+00.00	377256.12	808731.14
P.C.3	20+15.87	377249.31	808745.48
P.T.3	20+63.28	377236.67	808791.44
MAXINE5	21+86.22	377243.41	808914.33

COORDINATE DATA

PT#	NORTHING	EASTING
JH4	377720.37	809025.43
JH5	377807.27	809077.55
JH6	377761.52	808956.83
JH9	377248.55	808771.85
JH14	377223.48	808759.94
JH20	377750.39	809060.93
JH21	377758.10	809048.06
JH22	377752.96	809056.64
JH23	377710.12	809030.95
JH24	377715.26	809022.37
JH37	377182.60	808757.36
JH39	377010.63	808680.99
JH40	377008.67	808685.59
JH45	377171.28	808625.74

COORDINATE DATA

PT#	NORTHING	EASTING
JH46	377163.06	808643.97
JH47	377165.12	808639.41
JH51	377799.55	809090.41
JH55	377592.18	808950.81
JH64	377584.46	808963.67
JH68	377280.97	808804.17
JH69	377287.55	808790.69
JH70	377248.87	808827.49
JH72	377385.94	808727.77
JH75	377380.85	808747.58
JH78	376827.51	808500.02
JH79	376827.59	808505.39
JH82	377223.93	808837.67

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

USER NAME = elise.knop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1″ = 100′ | SHEET 5 OF 28 SHEETS | STA. 104+00.00 TO STA. 119+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	242
IL RTE 37; SEC 25; T9S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
P.T.25	76+92.97	380350.04	810555.88
STAEQU4	92+06.09	379111.30	809812.98
P.C.30	108+04.00	377740.94	808991.13
P.T.30	138+87.30	374806.10	808174.74

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
534	ANTHONY CRAIG	R.O.W./T.E.	0.067/0.049 ACRES±
540	JONATHAN H. MCANELLY	R.O.W./T.E.	0.371/0.044 ACRES±
541	GERALD & MICHAEL WEAVER	R.O.W.	0.050 ACRES±
542	JARED KEARNEY & C. DEAN ATKINSON	T.E.	0.043 ACRES±
543	JON MCANELLY	T.E.	0.016 ACRES±
544	CHARLES & PHYLLIS MURPHY	T.E.	0.079 ACRES±
545	DALE & DEBRA ARNOLD	T.E.	0.016 ACRES±
546	JOHN & CARLA PULLEY	R.O.W./T.E.	0.086/0.027 ACRES±

NW QUARTER NW QUARTER

SECTION 36

T. 9 S., R. 2 E., 3RD P.M.

PARCEL 541

PARCEL 540

PARCEL 545

PARCEL 546

PARCEL 544

PARCEL 543

PARCEL 542

PARCEL 534

QUARTER QUARTER SECTION LINE

SECTION LINE

℄ FAS 2887 (IL RTE 37)

℄ MEMPHIS LN
POT Sta 23+00.00

POT Sta 20+00.00

JH1001 132+09.49 40.00 RT
JH147 132+07.27 21.87 RT
130+55.58 40' & 60' RT JH143 JH146
129+50.00 60' & 70' RT JH144 JH145
128+40.00 40' & 72.98' RT JH140 JH142
127+00.00 40' & 70' RT J761 J762
124+00.00 60' & 70' RT J764 J763
122+20.00 40, 45 & 60' RT JH137 JH138 J765
119+35.86 310.05 RT JH85
118+37.46 45.00 RT JH178
118+35.51 40.00 RT JH179
118+19.78 0.00 JH86
118+03.82 40.00 LT JH88
118+50.00 40' & 80' LT JH91 JH90
117+87.61 80.00 LT JH92
JH201 132+40.00 50.00 LT
JH199 132+18.99 40.00 LT
JH196 132+14.16 75.00 LT
132+04.25 0.00
131+98.66 40.00 LT JH192
131+97.25 50.00 LT JH191
131+93.70 75.00 LT JH195
128+50.00 40' & 50' LT JH17 JH16
126+00.00 40' & 50' LT JH13 JH15
122+75.00 40' & 45' LT JH104 JH105
121+40.00 40' & 45' LT JH108 JH107
121+00.00 40' & 45' LT JH100 JH99
120+25.00 45' & 70' LT JH98 JH97
119+75.00 40' & 70' LT JH101 JH96

PROPOSED ROW
EXISTING ROW
TEMP. EASE.

EXIST. CURVE IL37N 26
PI STA. = 123+83.92
Δ = 30° 48' 53" (LT)
D = 0° 59' 58"
R = 5,732.99'
T = 1,579.92'
L = 3,083.30'
PC STA. = 108+04.00
PT STA. = 138+87.30

SE QUARTER NW QUARTER

SECTION 36

T. 9 S., R. 2 E., 3RD P.M.

NE QUARTER NW QUARTER

SECTION 36

T. 9 S., R. 2 E., 3RD P.M.

SCALE
100' 0 50' 100'

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
PROFESSIONAL LAND SURVEYOR
CARBONDALE

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATE DATA

PT#	NORTHING	EASTING
J761	375992.95	808260.95
J762	375999.19	808231.61
J763	376294.43	808302.50
J764	376291.84	808312.16
J765	376466.76	808361.99
JH13	376073.26	808360.70
JH15	376071.01	808370.45
JH16	375828.41	808319.97
JH17	375830.23	808310.13
JH85	376823.50	808216.26
JH86	376828.20	808548.39
JH88	376828.81	808591.43
JH90	376771.91	808612.67
JH91	376785.92	808575.20

COORDINATE DATA

PT#	NORTHING	EASTING
JH92	376829.42	808634.51
JH96	376659.30	808561.33
JH97	376612.60	808545.25
JH98	376620.63	808521.57
JH99	376550.02	808498.12
JH100	376551.56	808493.36
JH101	376669.19	808533.00
JH104	376385.49	808442.19
JH105	376384.09	808446.99
JH107	376512.23	808485.98
JH108	376513.74	808481.22
JH137	376460.98	808381.14
JH138	376462.42	808376.35
JH140	375854.72	808233.32
JH142	375860.79	808200.91

COORDINATE DATA

PT#	NORTHING	EASTING
JH143	375640.64	808197.40
JH144	375748.95	808194.26
JH145	375750.61	808184.39
JH146	375643.58	808177.61
JH147	375487.08	808194.65
JH173	375487.44	808217.02
JH178	374367.70	808173.68
JH179	374150.11	808173.16
JH191	375488.27	808267.50
JH192	375488.10	808257.40
JH195	375488.68	808292.74
JH196	375468.64	808290.29
JH199	375468.06	808254.97
JH201	375446.19	808262.46
JH1001	375487.05	808176.68

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100' | SHEET 6 OF 28 SHEETS | STA. 119+00.00 | TO STA. 133+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	243
IL RTE 37; SEC 36; T9S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\DOT Offices\District 9\Projects\78633\CAD\data\CAD\sheets\0978633-SHT-ROW.dgn

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
P.C.30	108+04.00	377740.94	808991.13
P.T.30	138+87.30	374806.10	808174.74
STAEQU5	139+36.60	374806.10	808174.74
STAEQU6	170+23.11	371774.41	808167.45

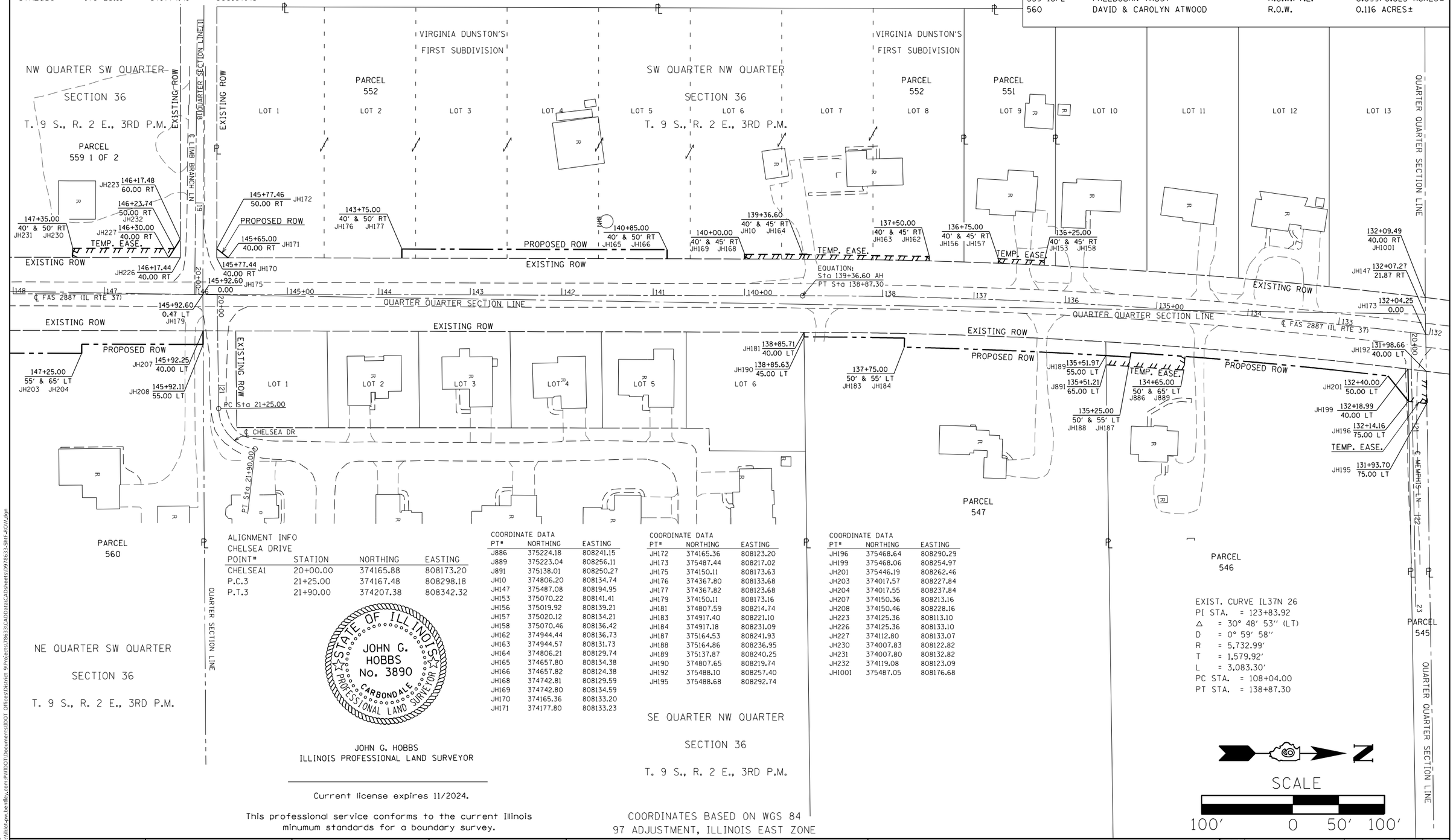
ALIGNMENT INFO
MEMPHIS LANE

POINT#	STATION	NORTHING	EASTING
MEMPHIS1	20+00.00	375471.15	808215.05
MEMPHIS2	23+00.00	375476.54	808515.00

ALIGNMENT INFO
LIMB BRANCH LANE

POINT#	STATION	NORTHING	EASTING
LIMBBRANCH1	16+00.00	374144.90	807773.16
LIMBBRANCH2	20+00.00	374141.32	808173.14

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
545	DALE & DEBRA ARNOLD	T.E.	0.016 ACRES±
546	JOHN & CARLA PULLEY	R.O.W./T.E.	0.086/0.027 ACRES±
547	MCCURDY ET AL	R.O.W.	0.089 ACRES±
551	KENNETH & JANET SOUDERS	T.E.	0.006 ACRES±
552	TOMMY & SUE BAKER	R.O.W./T.E.	0.068/0.022 ACRES±
559 1OF2	FREEBOURN TRUST	R.O.W./T.E.	0.099/0.025 ACRES±
560	DAVID & CAROLYN ATWOOD	R.O.W.	0.116 ACRES±



ALIGNMENT INFO
CHELSEA DRIVE

POINT#	STATION	NORTHING	EASTING
CHELSEA1	20+00.00	374165.88	808173.20
P.C.3	21+25.00	374167.48	808298.18
P.T.3	21+90.00	374207.38	808342.32

COORDINATE DATA

PT#	NORTHING	EASTING
J886	375224.18	808241.15
J889	375223.04	808256.11
J891	375138.01	808250.27
JH10	374806.20	808134.74
JH147	375487.08	808194.95
JH153	375070.22	808141.41
JH156	375019.92	808139.21
JH157	375020.12	808134.21
JH158	375070.46	808136.42
JH162	374944.44	808136.73
JH163	374944.57	808131.73
JH164	374806.21	808129.74
JH165	374657.80	808134.38
JH166	374657.82	808124.38
JH168	374742.81	808129.59
JH169	374742.80	808134.59
JH170	374165.36	808133.20
JH171	374177.80	808133.23

COORDINATE DATA

PT#	NORTHING	EASTING
JH172	374165.36	808123.20
JH173	375487.44	808217.02
JH175	374150.11	808173.63
JH176	374367.80	808133.68
JH177	374367.82	808123.68
JH179	374150.11	808173.16
JH181	374807.59	808214.74
JH183	374917.40	808221.10
JH184	374917.18	808231.09
JH187	375164.53	808241.93
JH188	375164.86	808236.95
JH189	375137.87	808240.25
JH190	374807.65	808219.74
JH192	375488.10	808257.40
JH195	375488.68	808292.74

COORDINATE DATA

PT#	NORTHING	EASTING
JH196	375468.64	808290.29
JH199	375468.06	808254.97
JH201	375446.19	808262.46
JH203	374017.57	808227.84
JH204	374017.55	808237.84
JH207	374150.36	808213.16
JH208	374150.46	808228.16
JH223	374125.36	808113.10
JH226	374125.36	808133.10
JH227	374112.80	808133.07
JH230	374007.83	808122.82
JH231	374007.80	808132.82
JH232	374119.08	808123.09
JH1001	375487.05	808176.68

EXIST. CURVE IL37N 26
PI STA. = 123+83.92
Δ = 30° 48′ 53″ (LT)
D = 0° 59′ 58″
R = 5,732.99′
T = 1,579.92′
L = 3,083.30′
PC STA. = 108+04.00
PT STA. = 138+87.30

SCALE
100′ 0 50′ 100′

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
PROFESSIONAL LAND SURVEYOR
CARBONDALE

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT Documents\IDOT Offices\District 9\Projects\78633\CAD\Data\CADsheets\0978633-SHT-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 7 OF 28 SHEETS | STA. 133+00.00 | TO STA. 147+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	244
IL RTE 37; SEC 36; T9S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
559	FREEBOURN TRUST	R.O.W./T.E.	0.099/0.025 ACRES±
566	FREEBOURN TRUST	R.O.W./T.E.	0.194/0.034 ACRES±
560	DAVID & CAROLYN ATWOOD	R.O.W.	0.116 ACRES±
561	SHAWN RAY RORICK	R.O.W.	0.096 ACRES±
562	DAVID ATWOOD	T.E.	0.005 ACRES±
563	DEBRA J. O'NEIL NELSON	R.O.W.	0.005 ACRES±
565	DAVID ATWOOD	R.O.W./T.E.	0.088/0.065 ACRES±
570	DEON KING	T.E.	0.053 ACRES±

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
P.C.30	108+04.00	377740.94	808991.13
P.T.30	138+87.30	374806.10	808174.74
STAEQU5	139+36.60	374806.10	808174.74
STAEQU6	170+23.11	371774.41	808167.45

ALIGNMENT INFO
LIMB BRANCH LANE

POINT#	STATION	NORTHING	EASTING
LIMBBRANCH1	16+00.00	374144.90	807773.16
LIMBBRANCH2	20+00.00	374141.32	808173.14

ALIGNMENT INFO
PORSCH PLACE

POINT#	STATION	NORTHING	EASTING
PORSCHE1	20+00.00	373689.16	808172.05
PORSCHE2	22+00.00	373697.38	808371.88

COORDINATE DATA

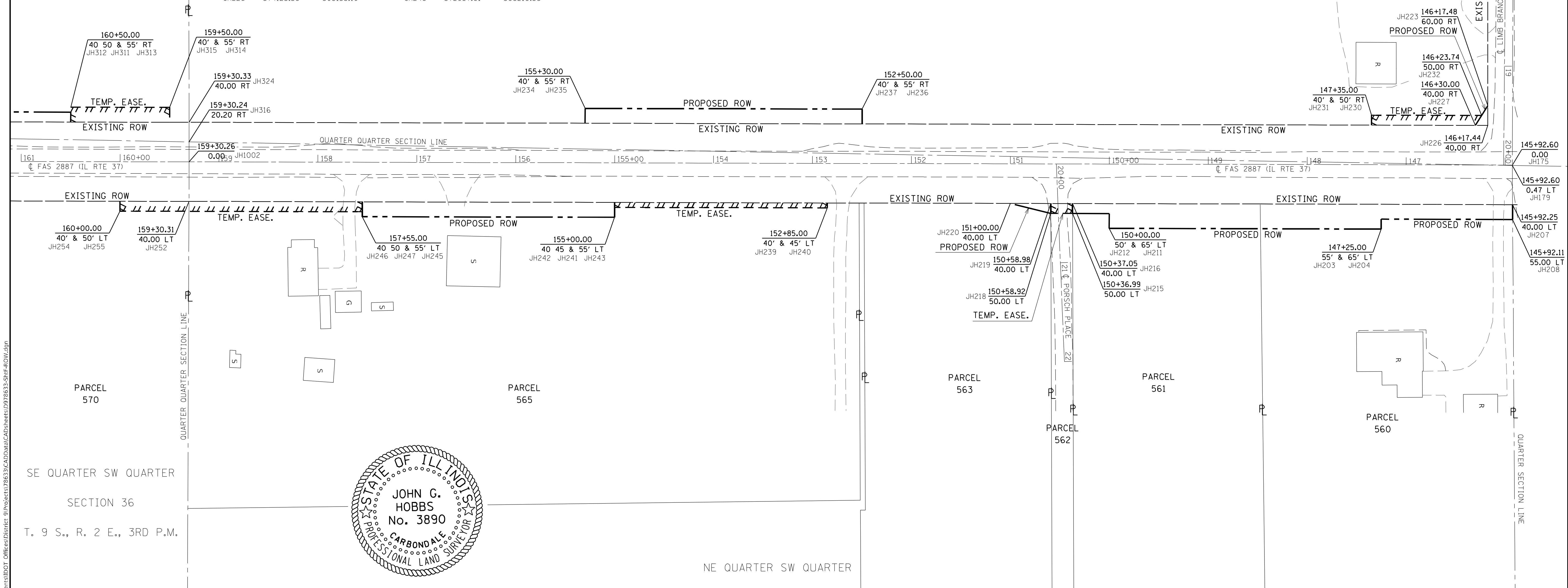
PT#	NORTHING	EASTING
JH175	374150.11	808173.63
JH179	374150.11	808173.16
JH203	374017.57	808227.84
JH204	374017.55	808237.84
JH207	374150.36	808213.16
JH208	374150.46	808228.16
JH211	373742.55	808237.18
JH212	373742.59	808222.18
JH215	373705.59	808222.09
JH216	373705.56	808212.09
JH218	373683.66	808222.04
JH219	373683.63	808212.04
JH220	373642.61	808211.94
JH223	374125.36	808113.10
JH226	374125.36	808133.10

COORDINATE DATA

PT#	NORTHING	EASTING
JH227	374112.80	808133.07
JH230	374007.83	808122.82
JH231	374007.80	808132.82
JH232	374119.08	808123.09
JH234	373212.80	808130.91
JH235	373212.84	808115.91
JH236	373492.84	808116.58
JH237	373492.80	808131.58
JH239	373457.61	808211.49
JH240	373457.60	808216.49
JH241	373242.60	808215.98
JH242	373242.61	808210.98
JH243	373242.58	808225.98
JH245	372987.58	808225.36
JH246	372987.61	808210.36

COORDINATE DATA

PT#	NORTHING	EASTING
JH247	372987.59	808220.36
JH252	372812.30	808209.94
JH254	372742.61	808209.78
JH255	372742.59	808219.78
JH311	372692.83	808119.66
JH312	372692.81	808129.66
JH313	372692.84	808114.66
JH314	372792.84	808114.90
JH315	372792.80	808129.90
JH316	372812.52	808149.74
JH324	372812.48	808129.94
JH1002	372812.45	808169.94



JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-Shtf-ROW.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100' SHEET 8 OF 28 SHEETS STA. 147+00.00 TO STA. 160+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	245
IL RTE 37; SEC 36; T9S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO FAS 2887 (IL 37)			
POINT#	STATION	NORTHING	EASTING
P.T.30	138+87.30	374806.10	808174.74
STAEQU5	139+36.60	374806.10	808174.74
STAEQU6	170+23.11	371774.41	808167.45
P.C.35	214+14.70	367382.84	808156.88

ALIGNMENT INFO COCHRAN ROAD			
POINT#	STATION	NORTHING	EASTING
COCHRAN1	20+00.00	371464.52	808166.70
COCHRAN2	24+00.00	371465.71	808566.70

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
566	FREEBOURN TRUST	R.O.W./T.E.	0.194/0.034 ACRES±
568	JOHN B. & LOUANN HILL	R.O.W./T.E.	0.018/0.141 ACRES±
570	DEON KING	T.E.	0.053 ACRES±
571	ELI & SARA JANE BAKER	T.E.	0.010 ACRES±
572	CAROLYN S. BAKER	T.E.	0.027 ACRES±
573	MARTHA LOUISE BIEHL ETAL	R.O.W.	0.182 ACRES±
581	MERISSA & THOMAS MADDEN	R.O.W.	0.031 ACRES±
586 1OF2	JOHN & MARY MCANELLY	R.O.W.	0.420 ACRES±

NW QUARTER NW QUARTER SECTION 1 T. 10 S., R. 2 E., 3RD P.M.

PARCEL 581

PARCEL 559 2 OF 2

SECTION LINE

SW QUARTER SW QUARTER SECTION 36 T. 9 S., R. 2 E., 3RD P.M.

PARCEL 568

PARCEL 566

QUARTER QUARTER SECTION LINE

172+37.34 85.00 RT JH301

172+50.00 40' & 55' RT JH294 JH295

171+90.00 65' & 85' RT JH303 JH299

170+30.00 40' & 65' RT JH305 JH304

167+20.00 40' & 65' RT JH306 JH307

166+60.00 50' & 65' RT JH310 JH309

160+50.00 40 50 & 55' RT JH312 JH311 JH313

159+50.00 40' & 55' RT JH315 JH314

159+30.33 40.00 RT JH324

159+30.24 20.20 RT JH316

159+30.26 0.00 JH1002

159+30.31 40.00 LT JH252

159+30.32 50.00 LT JH251

173+55.06 55.00 RT JH597

173+55.82 50.00 RT JH602

173+41.44 55.00 RT JH296

173+41.31 41.15 RT JH319

173+57.36 40.00 RT JH596

173+41.30 40.00 RT JH297

172+38.40 40.00 RT JH302

TEMP. EASE.

PROPOSED ROW

EXISTING ROW

EQUATION 169+68.30 BK = STA 170+23.11 AH

℄ FAS 2887 (IL RTE 37)

175+00 | 174 | 173 | 172 | 171 | 169 | 168 | 167 | 166 | 165+00 | 164 | 163 | 162 | 161 | 160+00 | 159

173+40.94 0.00 JH1003

173+54.04 40.00 LT JH639

173+14.04 40.00 LT JH289

168+00.00 40' & 50' LT JH280 JH281

168+25.00 50' & 75' LT JH317 JH318

167+00.00 50' & 75' LT JH284 JH283

166+15.70 50.00 LT JH278

166+15.60 60.00 LT JH279

165+25.00 50' & 60' LT JH272 JH273

164+00.00 40' & 50' LT JH277 JH276

163+25.00 40' & 45' LT JH270 JH269

162+25.00 40' & 70' LT JH256 J925

162+10.49 70.00 LT J927

162+10.39 80.00 LT J884

162+75.00 40' & 45' LT JH267 JH268

161+70.00 40' & 80' LT JH263 J882

160+00.00 40' & 50' LT JH254 JH255

173+00.00 50.00 LT JH285

173+13.82 80.00 LT JH290

173+75.00 60.00 LT JH646

173+53.79 85.00 LT JH638

20+00 | 21 | 22 | 23 | 24+00

℄ COCHRAN ROAD

SECTION 24 LINE

NE QUARTER NW QUARTER SECTION 1 T. 10 S., R. 2 E., 3RD P.M.

PARCEL 586 1 OF 2

PARCEL 572

PARCEL 570

PARCEL 571

PARCEL 573

SE QUARTER SW QUARTER SECTION 36 T. 9 S., R. 2 E., 3RD P.M.

COORDINATE DATA		
PT#	NORTHING	EASTING
J882	372572.52	808249.37
J884	372532.13	808249.27
J925	372517.54	808239.23
J927	372532.05	808239.27
JH251	372812.27	808219.94
JH252	372812.30	808209.94
JH254	372742.61	808209.78
JH255	372742.59	808219.78
JH256	372517.61	808209.23
JH263	372572.61	808209.37
JH267	372467.61	808209.11
JH268	372467.60	808214.11
JH269	372417.60	808213.99
JH270	372417.61	808208.99
JH272	372217.59	808218.51
JH273	372217.57	808228.51
JH276	372342.59	808218.81

COORDINATE DATA		
PT#	NORTHING	EASTING
JH277	372342.61	808208.81
JH278	372126.89	808218.29
JH279	372126.96	808228.29
JH280	371942.61	808207.85
JH281	371942.59	808217.85
JH283	372042.53	808243.09
JH284	372042.59	808218.09
JH285	371497.41	808216.78
JH289	371483.39	808206.75
JH290	371483.51	808246.75
JH294	371547.62	808126.90
JH295	371547.66	808111.90
JH296	371456.22	808111.68
JH297	371456.32	808126.68
JH299	371607.73	808082.05

COORDINATE DATA		
PT#	NORTHING	EASTING
JH301	371560.40	808081.93
JH303	371607.68	808102.05
JH304	371767.68	808102.43
JH305	371767.62	808127.43
JH306	372022.81	808128.04
JH307	372022.87	808103.04
JH309	372082.87	808103.19
JH310	372082.83	808118.19
JH311	372692.83	808119.66
JH312	372692.81	808129.66
JH313	372692.84	808114.66
JH314	372792.84	808114.90
JH315	372792.80	808129.90
JH316	372812.52	808149.74
JH317	371917.59	808217.79

COORDINATE DATA		
PT#	NORTHING	EASTING
JH318	371917.53	808242.79
JH319	371456.31	808125.53
JH324	372812.48	808129.94
JH596	371440.26	808126.64
JH597	371442.60	808111.65
JH602	371441.82	808116.65
JH638	371443.53	808251.65
JH639	371443.39	808206.65
JH646	371422.38	808226.60
JH1002	372812.45	808169.94
JH1003	371456.59	808166.68

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\data\CAD\sheets\d978633-Sht1-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

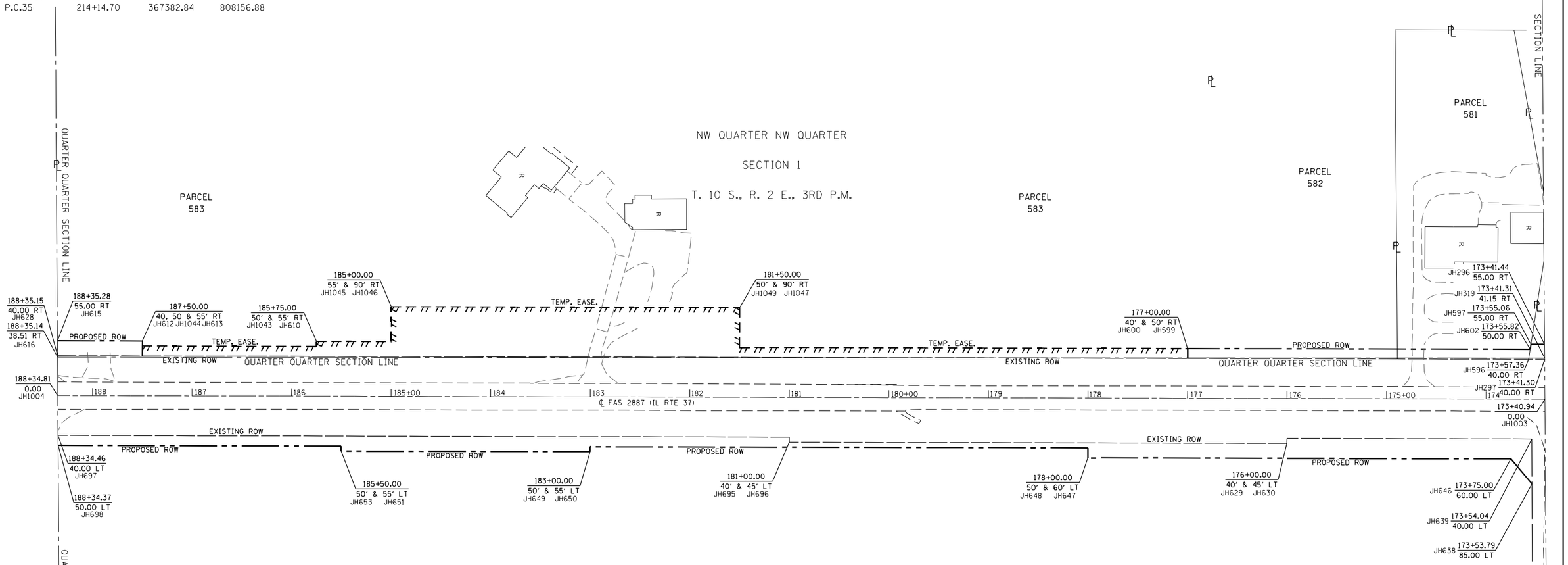
SCALE: 1" = 100′ | SHEET 9 OF 28 SHEETS | STA. 160+00.00 | TO STA. 174+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	246
IL 37; S36;T9S;R2E & S1;T10S;R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT*	STATION	NORTHING	EASTING
P.T.30	138+87.30	374806.10	808174.74
STAEQU5	139+36.60	374806.10	808174.74
STAEQU6	170+23.11	371774.41	808167.45
P.C.35	214+14.70	367382.84	808156.88

PARCEL*	OWNERS NAME	PURPOSE	ACREAGE
581	MERISSA & THOMAS MADDEN	R.O.W.	0.031 ACRES±
582	THE ROTTMAN FAMILY TRUST	R.O.W.	0.043 ACRES±
583	THE ROTTMAN FAMILY TRUST	R.O.W./T.E.	0.035/0.571 ACRES±
586 1OF2	JOHN & MARY MCANELLY	R.O.W.	0.420 ACRES±



PARCEL
586 1 OF 2

NE QUARTER NW QUARTER

SECTION 1

T. 10 S., R. 2 E., 3RD P.M.

COORDINATE DATA

PT*	NORTHING	EASTING
JH296	371456.22	808111.68
JH297	371456.32	808126.68
JH319	371456.31	808125.53
JH596	371440.26	808126.64
JH597	371442.60	808111.65
JH599	371097.65	808115.82
JH600	371097.62	808125.82
JH602	371441.82	808116.65
JH610	370222.66	808108.71
JH612	370047.63	808123.29

COORDINATE DATA

PT*	NORTHING	EASTING
JH613	370047.66	808108.29
JH615	369962.38	808108.09
JH616	369962.48	808124.58
JH628	369962.48	808123.09
JH629	371197.43	808206.06
JH630	371197.42	808211.06
JH638	371443.53	808251.65
JH639	371443.39	808206.65
JH646	371422.38	808226.60
JH647	370997.38	808225.58
JH648	370997.41	808215.58
JH649	370497.41	808214.38
JH650	370497.40	808219.38
JH651	370247.40	808218.77
JH653	370247.41	808213.77

COORDINATE DATA

PT*	NORTHING	EASTING
JH695	370697.43	808204.86
JH696	370697.42	808209.86
JH697	369962.98	808203.09
JH698	369963.04	808213.09
JH1003	371456.59	808166.68
JH1004	369962.73	808163.09
JH1043	370222.65	808113.71
JH1044	370047.65	808113.29
JH1045	370297.66	808108.89
JH1046	370297.75	808073.89
JH1047	370647.75	808074.74
JH1049	370647.65	808114.74

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\dot-pw.ke-way.com:PWIDOT1Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\0978633-SHT-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 10 OF 28 SHEETS | STA. 174+00.00 | TO STA. 188+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	247
IL RTE 37; SEC 01; T10S; R2E		CONTRACT NO. 78622		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
P.T.30	138+87.30	374806.10	808174.74
STAEQU5	139+36.60	374806.10	808174.74
STAEQU6	170+23.11	371774.41	808167.45
P.C.35	214+14.70	367382.84	808156.88

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
584	STEVEN & MELINDA KARNES	R.O.W.	0.099 ACRES±
585	ROBERT D. ARNOLD TRUST	R.O.W./T.E.	0.064/0.006 ACRES±
586 2OF2	JOHN & MARY MCANELLY	R.O.W./T.E./P.E.	0.270/0.010/0.084 ACRES±
587	LUCAS J. & HALEY T. CLARK	T.E.	0.013 ACRES±
588	BRIAN PANKY & COURTNEY SCIMIO	R.O.W./T.E.	0.064/0.034 ACRES±
589	SHARON BEAVER ETAL	R.O.W.	0.035 ACRES±
590	JASON C. HOLDER	R.O.W.	0.021 ACRES±
591	CHARLES & RANDI HOUSTON	R.O.W.	0.064 ACRES±
592	TERRANCE L. STEVENS	R.O.W.	0.021 ACRES±
593	WLT IRREVOCABLE TRUST	R.O.W.	0.021 ACRES±

COORDINATE DATA

PT#	NORTHING	EASTING
JH615	369962.38	808108.09
JH616	369962.48	808124.58
JH628	369962.48	808123.09
JH655	369672.41	808212.39
JH658	369547.42	808207.09
JH662	369147.39	808221.13
JH663	369147.41	808211.13
JH665	369547.36	808232.09
JH666	369547.44	808202.09
JH668	369344.58	808206.60
JH669	369344.63	808201.60
JH678	369344.43	808221.60
JH679	369672.36	808232.39
JH684	368472.63	808199.51
JH685	368472.72	808209.51

COORDINATE DATA

PT#	NORTHING	EASTING
JH693	368471.94	808122.41
JH694	368471.89	808119.50
JH697	369962.98	808203.09
JH698	369963.04	808213.09
JH699	369897.66	808107.93
JH700	369897.65	808112.93
JH705	369562.51	808112.13
JH706	369562.59	808117.13
JH707	369522.64	808117.03
JH708	369522.65	808112.03
JH709	369472.65	808111.91
JH710	369472.65	808116.91
JH711	369282.64	808116.45
JH712	369282.68	808101.45
JH715	369212.16	808101.28

COORDINATE DATA

PT#	NORTHING	EASTING
J854	369622.11	808337.27
J855	369622.36	808232.27
J856	369587.36	808232.19
J857	369587.11	808337.19
JH719	368933.25	808110.61
JH720	369212.32	808111.28
JH721	369097.65	808111.01
JH724	369097.70	808091.01
JH725	369022.70	808090.83
JH726	369022.65	808110.83
JH730	368632.50	808119.89
JH731	368632.43	808114.89
JH732	368933.33	808115.61
JH1004	369962.73	808163.09
JH1005	368472.27	808159.50

SW QUARTER NW QUARTER
SECTION 1
T. 10 S., R. 2 E., 3RD P.M.

SE QUARTER NW QUARTER
SECTION 1
T. 10 S., R. 2 E., 3RD P.M.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

SCALE
100′ 0 50′ 100′

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 11 OF 28 SHEETS | STA. 188+00.00 | TO STA. 203+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	248
IL RTE 37; SEC 01; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\0978633-Sht-ROW.dgn

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT*	STATION	NORTHING	EASTING
P.T.30	138+87.30	374806.10	808174.74
STAEQU5	139+36.60	374806.10	808174.74
STAEQU6	170+23.11	371774.41	808167.45
P.C.35	214+14.70	367382.84	808156.88
P.T.35	224+24.30	366455.70	807813.15

PARCEL*	OWNERS NAME	PURPOSE	ACREAGE
595	SHAWN COLLINS	T.E.	0.020 ACRES±
596	RANDALL & KAREN JONES	R.O.W.	0.159 ACRES±
598	BRANDON & DANIELLE MAYBERRY	R.O.W./T.E.	0.083/0.116 ACRES±
599	JENNY WESTFALL	R.O.W.	0.050 ACRES±
606	JEFFREY & MARGARET DIEDERICH	R.O.W./T.E./P.E.	0.354/0.155/0.088 ACRES±

EXIST. CURVE IL37N 35
PI STA. = 219+41.52
Δ = 40° 24′ 32″ (RT)
D = 4° 00′ 09″
R = 1,431.51′
T = 526.82′
L = 1,009.60′
PC STA. = 214+14.70
PT STA. = 224+24.30

PARCEL 599
PARCEL 598
PARCEL 596
PARCEL 595
PARCEL 594
PARCEL 606

NW QUARTER SW QUARTER
SECTION 1
T. 10 S., R. 2 E., 3RD P.M.

QUARTER QUARTER SECTION LINE
QUARTER SECTION LINE
℄ RESERVOIR ROAD
℄ FAS 2887 (IL RTE 37)
PC Sta 214+14.70
TEMP. EASE.
PROPOSED ROW
EXISTING ROW

JH774 216+71.55 50.00 RT
JH773 216+69.52 40.00 RT
217+00.00 45′ & 50′ RT JH786 JH771
212+25.00 40′ & 115′ RT JH766 JH765
211+57.70 115.00 RT JH763
214+14.70 40′ & 50′ RT JH733 JH770
213+00.00 40′ & 50′ RT JH768 JH769
211+57.72 40.00 RT JH735
209+00.00 40′ & 60′ RT JH758 JH757
206+50.00 55′ & 60′ RT JH754 JH756
JH759 205+23.07 55.00 RT
JH739 205+22.80 40.00 RT
204+82.97 50.00 RT JH745
204+82.79 40.00 RT JH738
JH746 203+95.89 50.00 RT
203+95.70 40.00 RT JH737
203+25.74 40.00 RT JH694
JH693 203+25.69 37.10 RT
203+25.26 0.00 JH1005
JH767 216+61.89 0.94 RT
217+00.00 40′ & 50′ LT JH788 JH789
216+54.76 40.00 LT JH782
215+50.00 40′ & 50′ LT JH780 JH779
214+14.70 40, 50 & 60′ LT JH734 JH778 JH777
212+25.00 40′ & 60′ LT JH775 JH776
210+75.00 40′ & 50′ LT JH753 JH752
207+50.00 45′ & 50′ LT JH749 JH748
204+00.00 45′ & 50′ LT JH750 JH751
203+24.81 40.00 LT JH784
203+24.69 50.00 LT JH785

COORDINATE DATA

PT*	NORTHING	EASTING
JH693	368471.94	808122.41
JH694	368471.89	808119.50
JH733	367382.93	808116.88
JH734	367382.74	808196.88
JH735	367639.92	808117.50
JH737	368401.93	808119.33
JH738	368314.84	808119.13
JH739	368274.84	808119.03
JH745	368314.68	808109.13
JH746	368401.77	808109.33
JH748	368047.42	808208.48
JH749	368047.43	808203.48
JH750	368397.43	808204.32
JH751	368397.42	808209.32
JH752	367722.42	808207.70
JH753	367722.44	808197.70

COORDINATE DATA

PT*	NORTHING	EASTING
JH754	368147.67	808103.72
JH756	368147.68	808098.72
JH757	367897.68	808098.12
JH758	367897.63	808118.12
JH759	368274.60	808104.03
JH763	367640.12	808042.50
JH765	367572.81	808042.34
JH766	367572.63	808117.34
JH767	367137.09	808134.08
JH768	367497.63	808117.16
JH769	367497.66	808107.16
JH770	367382.96	808106.88
JH771	367109.51	808078.88
JH773	367136.59	808094.30

COORDINATE DATA

PT*	NORTHING	EASTING
JH774	367136.47	808084.11
JH775	367572.44	808197.34
JH776	367572.39	808217.34
JH777	367382.69	808216.88
JH778	367382.72	808206.88
JH779	367242.92	808199.94
JH780	367243.88	808189.98
JH782	367137.18	808175.65
JH784	366429.70	807843.54
JH785	366481.70	807782.75
JH786	367108.51	808083.78
JH788	367091.48	808167.06
JH789	367089.48	808176.85
JH1005	368472.27	808159.50

NE QUARTER SW QUARTER
SECTION 1
T. 10 S., R. 2 E., 3RD P.M.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\dist-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\data\CADsheets\D978633-Sht-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1″ = 100′ | SHEET 12 OF 28 SHEETS | STA. 203+00.00 | TO STA. 218+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	249
IL RTE 37; SEC 01; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
P.C.35	214+14.70	367382.84	808156.88
P.T.35	224+24.30	366455.70	807813.15
STAEQU7	224+28.32	366455.70	807813.15
P.C.38	235+17.90	365627.75	807104.84
P.T.38	245+36.20	364691.98	806760.87

ALIGNMENT INFO
FREEDOM ROAD

POINT#	STATION	NORTHING	EASTING
FREEDOMRD1	18+50.00	365796.48	807091.88
FREEDOMRD3	20+00.00	365787.63	807241.61
FREEDOMRD4	22+00.00	365787.99	807441.61

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
599	JENNY WESTFALL	R.O.W.	0.050 ACRES±
600	COLBERT D. WILSON	R.O.W./T.E.	0.003/0.003 ACRES±
601	RUSSELL & TAMMY ALMAROAD	R.O.W.	0.029 ACRES±
602	MARITA NATION & DENISE PARKS	R.O.W.	0.016 ACRES±
603	FLOYD & PAMELA REED	R.O.W.	0.049 ACRES±
604	GREG LINGLE	R.O.W.	0.123 ACRES±
605	JAMES & ANNE PARKER TRUST	R.O.W.	0.104 ACRES±
606	JEFFREY & MARGARET DIEDERICH	R.O.W./T.E./P.E.E	0.354/0.155/0.088 ACRES±
613	GARY & BEVERLY MASSETTO	T.E.	0.013 ACRES±
614	MICHAEL & DEBRA TROOP	R.O.W./T.E.	0.470/0.210 ACRES±

SW QUARTER SW QUARTER
SECTION 1
T. 10 S., R. 2 E., 3RD P.M.

PARCEL 599
PARCEL 600
PARCEL 601
PARCEL 602
PARCEL 603
PARCEL 604
PARCEL 605
PARCEL 606
PARCEL 613
PARCEL 614

QUARTER QUARTER SECTION LINE
SECTION LINE

PROPOSED ROW
EXISTING ROW
TEMP. EASE.
PERM. EASE.

℄ FAS 2887 (IL RTE 37)
℄ FREEDOM ROAD

EQUATION: S1℄ 224+24.30 BK = S1℄ 224+28.32 AH

217+00.00 45′ & 50′ RT JH786 JH771
218+25.94 40.00 LT JH1006
218+25.00 50.00 LT JH790
219+25.00 45′ & 70′ LT JH792 JH791
220+93.02 50.00 RT
220+90.17 45.00 RT JH800
221+22.79 50.00 RT JH809
221+19.80 45.00 RT JH802
224+28.32 45.00 RT JH787
225+31.87 50.00 RT JH826
225+27.43 45.00 RT JH796
227+00.00 50′ & 55′ RT JH823 JH824
233+00.88 0.00 JH1007
232+65.91 40.00 LT JH849
232+44.06 65.00 LT JH848
233+00.00 55′ & 115′ LT JH850 JH838
232+10.00 103.96 & 115′ LT JH854 JH853
232+75.00 55′ & 65′ RT JH845 JH844
231+75.00 55′ & 65′ RT JH841 JH842
231+50.00 40′ & 90′ LT J852 J851
232+00.00 40′ & 65′ LT JH834 JH835
230+00.00 40′ & 50′ LT JH833 JH832
225+50.00 40′ & 50′ LT JH830 JH831
224+28.32 40.00 LT JH784
223+50.00 40′ & 45′ LT JH794 JH793

COORDINATE DATA		
PT#	NORTHING	EASTING
JH771	367109.51	808078.88
JH784	366429.70	807843.54
JH785	366481.70	807782.75
JH786	367108.51	808083.78
JH787	366484.95	807778.95
JH790	366964.02	808145.44
JH791	366858.91	808131.23
JH792	366867.69	808107.82
JH793	366485.95	807895.63
JH794	366489.00	807891.66
JH796	366409.64	807714.52
JH800	366753.09	807958.86
JH802	366727.69	807945.49
JH809	366727.53	807939.71
JH810	366752.92	807953.15

COORDINATE DATA		
PT#	NORTHING	EASTING
JH823	366281.76	807598.54
JH824	366285.01	807594.74
JH826	366409.52	807707.84
JH830	366337.23	807764.44
JH831	366330.73	807772.04
JH832	365988.79	807479.51
JH833	365995.29	807471.91
JH834	365843.31	807341.89
JH835	365827.06	807360.89
JH838	365718.57	807333.88
JH841	365924.07	807285.96
JH842	365930.57	807278.36
JH844	365854.58	807213.35
JH845	365848.08	807220.95
JH848	365793.58	807332.25

COORDINATE DATA		
PT#	NORTHING	EASTING
JH849	365793.23	807299.05
JH850	365757.58	807288.29
JH853	365786.96	807392.38
JH854	365794.14	807384.00
JH1006	366965.94	808135.57
JH1007	365792.66	807245.92
J851	365848.81	807412.39
J852	365881.31	807374.40

EXIST. CURVE IL37N 35
PI STA. = 219+41.52
Δ = 40° 24′ 32″ (RT)
D = 4° 00′ 09″
R = 1,431.51′
T = 526.82′
L = 1,009.60′
PC STA. = 214+14.70
PT STA. = 224+24.30

NW QUARTER NW QUARTER
SECTION 12
T. 10 S., R. 2 E., 3RD P.M.

SW QUARTER SW QUARTER
SECTION 1
T. 10 S., R. 2 E., 3RD P.M.

SE QUARTER SW QUARTER
SECTION 1
T. 10 S., R. 2 E., 3RD P.M.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Project\78633\CAD\Data\CAD\sheets\0978633-SHT-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1″ = 100′ | SHEET 13 OF 28 SHEETS | STA. 218+00.00 | TO STA. 232+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	250
IL RTE 37; S01 & S12; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU7	224+28.32	366455.70	807813.15
P.C.38	235+17.90	365627.75	807104.84
P.T.38	245+36.20	364691.98	806760.87
STAEQU8	245+38.74	364691.98	806760.87
P.C.41	283+92.60	360838.13	806773.07

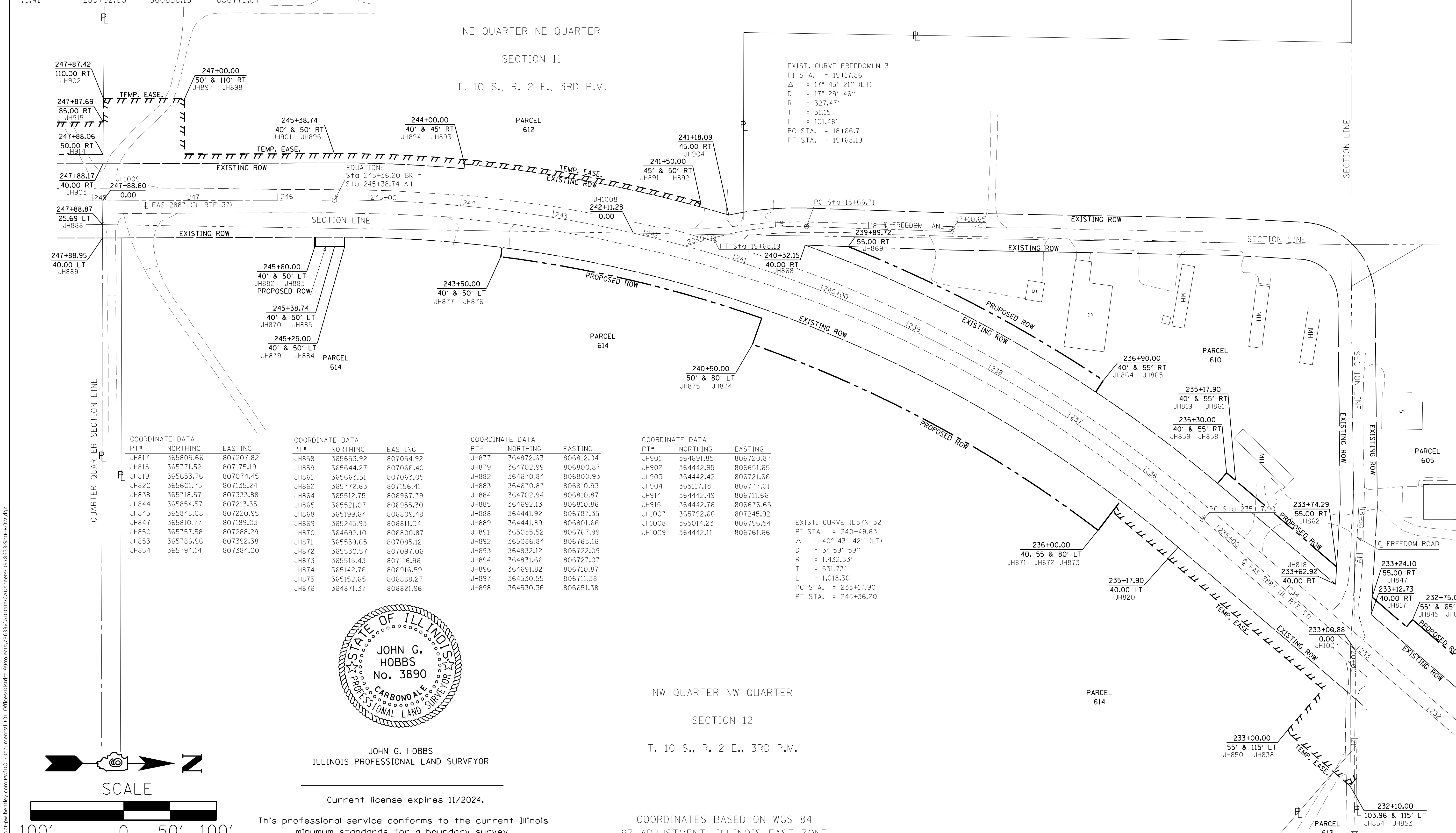
ALIGNMENT INFO
FREEDOM ROAD

POINT#	STATION	NORTHING	EASTING
FREEDOMRD1	18+50.00	365796.48	807091.88
FREEDOMRD3	20+00.00	365787.63	807241.61
FREEDOMRD4	22+00.00	365787.99	807441.61

ALIGNMENT INFO
FREEDOM LANE

POINT#	STATION	NORTHING	EASTING
FREEDOMLN1	17+10.65	365356.89	806794.78
P.C.3	18+66.71	365200.92	806789.51
P.T.3	19+68.19	365100.58	806801.72
FREEDOMLN5	20+00.00	365069.98	806810.40

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
605	JAMES & ANNE PARKER TRUST	R.O.W.	0.104 ACRES±
610	DARRELL & PAMELA KELLY	R.O.W.	0.170 ACRES±
612	GERALD & LINDA KIMMEL	T.E.	0.240 ACRES±
613	GARY & BEVERLY MASSETTO	T.E.	0.013 ACRES±
614	MICHAEL & DEBRA TROOP	R.O.W./T.E.	0.470/0.210 ACRES±



NE QUARTER NE QUARTER
SECTION 11
T. 10 S., R. 2 E., 3RD P.M.
NW QUARTER NW QUARTER
SECTION 12
T. 10 S., R. 2 E., 3RD P.M.
EXIST. CURVE FREEDOMLN 3
PI STA. = 19+17.86
Δ = 17° 45' 21" (LT)
D = 17° 29' 46"
R = 327.47'
T = 51.15'
L = 101.48'
PC STA. = 18+66.71
PT STA. = 19+68.19
EXIST. CURVE IL37N 32
PI STA. = 240+49.63
Δ = 40° 43' 42" (LT)
D = 3° 59' 59"
R = 1,432.53'
T = 531.73'
L = 1,018.30'
PC STA. = 235+17.90
PT STA. = 245+36.20
EQUATION:
Sta 245+36.20 BK =
Sta 245+38.74 AH
PARCEL 612
PARCEL 614
PARCEL 610
PARCEL 605
PARCEL 613
EXISTING ROW
PROPOSED ROW
TEMP. EASE.
SECTION LINE
QUARTER QUARTER SECTION LINE
℄ FAS 2887 (IL RTE 37)
℄ FREEDOM LANE
℄ FREEDOM ROAD
PC Sta 18+66.71
PT Sta 19+68.19
PC Sta 235+17.90
247+87.42 110.00 RT JH902
247+00.00 50' & 110' RT JH897 JH898
247+87.69 85.00 RT JH915
247+88.06 50.00 RT JH914
245+38.74 40' & 50' RT JH901 JH896
244+00.00 40' & 45' RT JH894 JH893
241+18.09 45.00 RT JH904
241+50.00 45' & 50' RT JH891 JH892
247+88.17 40.00 RT JH903
247+88.60 0.00 JH1009
247+88.87 25.69 LT JH888
247+88.95 40.00 LT JH889
242+11.28 0.00 JH1008
239+89.72 55.00 RT JH869
240+32.15 40.00 RT JH868
245+60.00 40' & 50' LT JH882 JH883
245+38.74 40' & 50' LT JH870 JH885
245+25.00 40' & 50' LT JH879 JH884
243+50.00 40' & 50' LT JH877 JH876
240+50.00 50' & 80' LT JH875 JH874
236+90.00 40' & 55' RT JH864 JH865
235+17.90 40' & 55' RT JH819 JH861
235+30.00 40' & 55' RT JH859 JH858
233+74.29 55.00 RT JH862
236+00.00 40, 55 & 80' LT JH871 JH872 JH873
235+17.90 40.00 LT JH820
JH818 233+62.92 40.00 RT
233+24.10 55.00 RT JH847
233+12.73 40.00 RT JH817
232+75.00 55' & 65' RT JH845 JH844
233+00.88 0.00 JH1007
233+00.00 55' & 115' LT JH850 JH838
232+10.00 103.96 & 115' LT JH854 JH853
STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR
SCALE
100' 0 50' 100'

COORDINATE DATA

PT#	NORTHING	EASTING
JH817	365809.66	807207.82
JH818	365771.52	807175.19
JH819	365653.76	807074.45
JH820	365601.75	807135.24
JH838	365718.57	807333.88
JH844	365854.57	807213.35
JH845	365848.08	807220.95
JH847	365810.77	807189.03
JH850	365757.58	807288.29
JH853	365786.96	807392.38
JH854	365794.14	807384.00

COORDINATE DATA

PT#	NORTHING	EASTING
JH858	365653.92	807054.92
JH859	365644.27	807066.40
JH861	365663.51	807063.05
JH862	365772.63	807156.41
JH864	365512.75	806967.79
JH865	365521.07	806955.30
JH868	365199.64	806809.48
JH869	365245.93	806811.04
JH870	364692.10	806800.87
JH871	365539.65	807085.12
JH872	365530.57	807097.06
JH873	365515.43	807116.96
JH874	365142.76	806916.59
JH875	365152.65	806888.27
JH876	364871.37	806821.96

COORDINATE DATA

PT#	NORTHING	EASTING
JH877	364872.63	806812.04
JH879	364702.99	806800.87
JH882	364670.84	806800.93
JH883	364670.87	806810.93
JH884	364702.94	806810.87
JH885	364692.13	806810.86
JH888	364441.92	806787.35
JH889	364441.89	806801.66
JH891	365085.52	806767.99
JH892	365086.84	806763.16
JH893	364832.12	806722.09
JH894	364831.66	806727.07
JH896	364691.82	806710.87
JH897	364530.55	806711.38
JH898	364530.36	806651.38

COORDINATE DATA

PT#	NORTHING	EASTING
JH901	364691.85	806720.87
JH902	364442.95	806651.65
JH903	364442.42	806721.66
JH904	365117.18	806777.01
JH914	364442.49	806711.66
JH915	364442.76	806676.65
JH1007	365792.66	807245.92
JH1008	365014.23	806796.54
JH1009	364442.11	806761.66

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\D978633-Sht-ROW.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100' | SHEET 14 OF 28 SHEETS | STA. 232+00.00 TO STA. 248+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	251

IL RTE 37; S11 & S12; T10S; R2E — CONTRACT NO. 78633
R-99-004-18 | ILLINOIS | FED. AID PROJECT

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU7	224+28.32	366455.70	807813.15
P.C.38	235+17.90	365627.75	807104.84
P.T.38	245+36.20	364691.98	806760.87
STAEQU8	245+38.74	364691.98	806760.87
P.C.41	283+92.60	360838.13	806773.07

ALIGNMENT INFO
SOUTHERN HUNT ROAD

POINT#	STATION	NORTHING	EASTING
HUNT1	16+75.00	363102.80	806440.94
HUNT2	20+00.00	363098.54	806765.91

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
615	BENJAMIN & AMANDA GOINS	R.O.W./T.E.	0.059/0.050 ACRES±
616	DBRB TRUST	R.O.W.	0.048 ACRES±
617	KATRINA & JONATHAN FOLLOWELL	R.O.W.	0.035 ACRES±
618	MARY A. OWENS	R.O.W.	0.021 ACRES±
619	LOTTIE C. TOLER	R.O.W./T.E.	0.074/0.078 ACRES±
620	LISA ANN WEAVER	R.O.W./T.E.	0.027/0.030 ACRES±
621	DAVID & REBECCA MCGEE	R.O.W./T.E.	0.023/0.012 ACRES±
622	MARK & ANDREA WALLACE	R.O.W.	0.023 ACRES±
623	JOSHUA & LINDSEY TABOR	R.O.W.	0.070 ACRES±
624	HARLEY & AMY O'CONNOR	T.E.	0.080 ACRES±
625	JEREMY & TERA MIDGETT	R.O.W./T.E./P.E.	0.030/0.024/0.198 ACRES±
626	FRANK L. RENTFRO	R.O.W./T.E./P.E.	0.038/0.075/0.040 ACRES±
627	JOSEPH A. BLEYER TRUST	R.O.W./P.E.	0.279/0.095 ACRES±

SE QUARTER NE QUARTER
SECTION 11
T. 10 S., R. 2 E., 3RD P.M.

POT STA 16+75.00 ℄ SOUTHERN HUNT ROAD

QUARTER SECTION LINE

PARCEL 623 · PARCEL 622 · PARCEL 621 · PARCEL 620 · PARCEL 619 · PARCEL 618 · PARCEL 617 · PARCEL 616 · PARCEL 615 · PARCEL 627 · PARCEL 626 · PARCEL 625 · PARCEL 624

EXISTING ROW · PROPOSED ROW · TEMP. EASE. · PERM. EASE.

261+53.98 60.00 RT JH999
261+13.97 60.00 RT JH981
260+10.00 50' & 60' RT JH978 JH979
257+50.00 50' & 65' RT JH966 JH965
256+50.00 50' & 55' RT JH963 JH962
255+75.00 65.00 RT JH1037
255+25.00 110.00 RT JH1041
255+00.00 55' & 110' RT JH1042 JH1039
254+00.00 40' & 55' RT JH960 JH961
253+00.00 40' & 50' RT JH916 JH917
251+50.00 50' & 60' RT JH918 JH919
249+50.00 50' & 60' RT JH907 JH908
248+50.00 50' & 85' RT JH913 JH912
247+87.69 85.00 RT JH915
247+88.06 50.00 RT JH914
247+88.17 40.00 RT JH903
247+88.60 0.00 JH1009
247+88.87 25.69 LT JH888
247+88.95 40.00 LT JH889
261+54.28 40.00 RT J1
261+14.28 40.00 RT JH984
261+34.89 0.19 RT JH975
261+34.59 40.00 LT JH956
261+34.48 55.00 LT JH957
260+25.00 40' & 55' LT JH953 JH954
260+00.00 40' & 55' LT JH951 JH950
258+25.00 50' & 55' LT JH946 JH949
257+60.00 40, 50 & 130' LT J840 J845 J841
257+40.22 130.00 LT J843
256+40.00 40' & 60' LT JH942 JH941
256+35.00 95.00 LT J844
255+75.00 40' & 60' LT JH938 JH939
254+50.00 40' & 50' LT JH924 JH925
252+00.00 40' & 50' LT JH927 JH926
250+75.00 40' & 50' LT JH920 JH921
248+75.00 40' & 50' LT JH923 JH922

SECTION LINE ℄ FAS 2887 (IL RTE 37)
262 · 261 · 260+00 · 259 · 258 · 257 · 256 · 255+00 · 254 · 253 · 252 · 251 · 250+00 · 249 · 248

COORDINATE DATA

PT#	NORTHING	EASTING
J1	363076.31	806725.98
JH888	364441.92	806787.35
JH889	364441.89	806801.66
JH903	364442.42	806721.66
JH907	364280.56	806712.17
JH908	364280.52	806702.17
JH912	364380.44	806676.85
JH913	364380.56	806711.85
JH914	364442.49	806711.66
JH915	364442.76	806676.65
JH916	363930.59	806723.28
JH917	363930.56	806713.28
JH918	364080.56	806712.80
JH919	364080.52	806702.80
JH920	364155.84	806802.56

COORDINATE DATA

PT#	NORTHING	EASTING
JH921	364155.87	806812.56
JH922	364355.87	806811.93
JH923	364355.84	806801.93
JH924	363780.84	806803.75
JH925	363780.87	806813.75
JH926	364030.87	806812.96
JH927	364030.84	806802.96
JH938	363655.84	806804.15
JH939	363655.91	806824.15
JH941	363590.91	806824.35
JH942	363590.84	806804.35
JH946	363405.88	806814.94
JH949	363405.89	806819.94

COORDINATE DATA

PT#	NORTHING	EASTING
JH950	363230.89	806820.49
JH951	363230.85	806805.49
JH953	363205.85	806805.57
JH954	363205.89	806820.57
JH956	363096.25	806805.92
JH957	363096.41	806820.92
JH960	363830.59	806723.59
JH961	363830.54	806708.59
JH962	363580.54	806709.38
JH963	363580.56	806714.38

COORDINATE DATA

PT#	NORTHING	EASTING
JH965	363480.51	806699.70
JH966	363480.56	806714.70
JH975	363095.83	806765.73
JH978	363220.56	806715.53
JH979	363220.53	806705.53
JH981	363116.56	806705.85
JH984	363116.32	806725.86
JH999	363076.56	806705.98
JH1009	364442.11	806761.66
JH1037	363655.51	806699.15
JH1039	363730.37	806653.91
JH1041	363705.37	806653.99
JH1042	363730.54	806708.91
J840	363470.84	806804.73
J841	363471.13	806894.73
J843	363490.91	806894.67
J844	363596.02	806859.34
J845	363470.88	806814.73

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SW QUARTER NW QUARTER

SECTION 12

T. 10 S., R. 2 E., 3RD P.M.

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT Documents\IDOT Offices\District 9\Project\78633\CADData\Cadsheets\0928633-Sht-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 15 OF 28 SHEETS | STA. 248+00.00 | TO STA. 262+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLAIMSON	486	252
IL RTE 37; S11 & S12; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS FED. AID PROJECT			

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU7	224+28.32	366455.70	807813.15
P.C.38	235+17.90	365627.75	807104.84
P.T.38	245+36.20	364691.98	806760.87
STAEQU8	245+38.74	364691.98	806760.87
P.C.41	283+92.60	360838.13	806773.07

ALIGNMENT INFO
HUDGENS ROAD

POINT#	STATION	NORTHING	EASTING
HUDGENS1	20+00.00	361792.50	806770.05
HUDGENS2	23+00.00	361757.02	807067.94

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
627	JOSEPH A. BLEYER TRUST	R.O.W./P.E.	0.279/0.095 ACRES±
631	JON & ANITA BINNS	R.O.W.	0.054 ACRES±
632	MARTHA J. SPRAGUE	R.O.W./T.E.	0.112/0.022 ACRES±
636	RYAN TIMOTHY & HEATHER N. STOCK	R.O.W.	0.280 ACRES±
731	PATRICIA GEORGE	R.O.W.	0.053 ACRES±
732	PATRICIA GEORGE	R.O.W.	0.053 ACRES±
733	PATRICIA GEORGE	R.O.W.	0.089 ACRES±
734	PATRICIA GEORGE	R.O.W.	0.089 ACRES±

COORDINATE DATA

PT#	NORTHING	EASTING
J836	361845.54	806709.88
J837	361845.30	806634.88
J838	361790.30	806635.05
J839	361790.54	806710.05
J1	363076.31	806725.98
J5	362480.60	806727.87
J6	362480.55	806712.87
J7	362405.55	806713.11
J9	362405.58	806723.11
J10	361880.58	806724.77
J11	361880.54	806709.77
J13	361756.82	806710.16
J14	361756.64	806730.16
J20	362118.19	806834.02
J21	362118.08	806809.02
J26	361807.50	806825.00
J28	361809.21	806810.00
J29	361963.56	806809.51
J30	361963.62	806824.51

COORDINATE DATA

PT#	NORTHING	EASTING
J31	361756.29	806771.00
J32	361756.68	806810.16
J33	361768.93	806810.12
J42	361756.78	806715.16
J57	361756.82	806825.16
J784	362426.82	806833.04
J789	362426.78	806823.04
JH956	363096.25	806805.92
JH975	363095.83	806765.73
JH988	362930.56	806716.44
JH989	362930.53	806706.44
JH990	362630.56	806717.39
JH991	362630.60	806727.39
JH997	362735.41	806822.06
JH998	362735.21	806807.06
JH999	363076.56	806705.98

SE QUARTER SE QUARTER

SECTION 11

T. 10 S., R. 2 E., 3RD P.M.

NE QUARTER SE QUARTER

SECTION 11

T. 10 S., R. 2 E., 3RD P.M.

SW QUARTER SW QUARTER

SECTION 12

T. 10 S., R. 2 E., 3RD P.M.

NW QUARTER SW QUARTER

SECTION 12

T. 10 S., R. 2 E., 3RD P.M.

QUARTER SECTION LINE

EXISTING ROW

PARCEL 632

PARCEL 627

PARCEL 636

PARCEL 631

PARCEL 630

PARCEL 733 LOT 3

PARCEL 734 LOT 4

PARCEL 732 LOT 2

PARCEL 731 LOT 1

LOT 5

LOT 6

MIFFLIN HEIGHT'S SUBDIVISION

274+40.00 60' & 135' RT J839 J838

PERM. EASE.

273+85.00 60' & 135' RT J836 J837

274+73.72 60.00 RT J13

274+73.78 55.00 RT J42

273+50.00 45' & 60' RT J10 J11

268+25.00 45' & 55' RT J9 J7

267+50.00 40' & 55' RT J5 J6

266+00.00 40' & 50' RT JH991 JH990

263+00.00 50' & 60' RT JH988 JH989

261+53.98 60.00 RT JH999

261+54.28 40.00 RT J1

274+73.96 40.00 RT J14

274+44.00 0.84 LT J31

274+74.18 40.00 LT J32

274+74.08 55.00 LT J57

274+61.92 40.00 LT J33

274+21.65 40.00 LT J28

274+23.41 55.00 LT J26

272+67.30 40.00 LT J29

272+67.28 55.00 LT J30

271+12.77 40.00 LT J21

271+12.74 65.00 LT J20

268+04.12 55.00 LT J789

268+04.11 65.00 LT J784

264+95.64 40.00 LT JH998

264+95.49 55.00 LT JH997

261+34.89 0.19 RT JH975

261+34.59 40.00 LT JH956

SECTION LINE 276 275+00 274 273 272 271 270+00 269 268 267 266 265+00 264 263 SECTION LINE 262

℄ FAS 2887 (IL RTE 37)

℄ HUDGENS ROAD 22

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\DOT Offices\District 9\Project\178633\CAD\Data\CADsheets\0928633-Shtr-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 16 OF 28 SHEETS | STA. 262+00.00 | TO STA. 276+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	253
IL RTE 37; S11 & S12; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS FED. AID PROJECT			

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU8	245+38.74	364691.98	806760.87
P.C.41	283+92.60	360838.13	806773.07
P.T.41	292+55.90	360003.26	806584.11
STAEQU9	292+60.79	360003.26	806584.11
P.C.44	350+27.40	354806.57	804084.47

ALIGNMENT INFO
CUNNINGHAM LANE

PONT#	STATION	NORTHING	EASTING
P.C.1	17+45.00	360372.69	806456.07
P.T.1	18+15.00	360349.24	806521.54
P.C.4	18+60.00	360326.03	806560.09
P.T.4	19+20.00	360304.18	806615.67
CUNNINGHAM6	20+00.00	360287.76	806693.97

ALIGNMENT INFO
HOMESTEAD RAOD

POINT#	STATION	NORTHING	EASTING
HOMESTEAD1	20+00.00	360443.25	806733.13
P.C.3	20+90.00	360417.53	806819.37
P.T.3	22+50.00	360386.45	806976.09

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
632	MARTHA J. SPRAGUE	R.O.W./T.E.	0.112/0.022 ACRES±
633	RANDY & MERCEDES DUNN	T.E.	0.013 ACRES±
634	ROMA KEENEY	R.O.W./T.E.	0.018/0.037 ACRES±
635	TIMOTHY & TONYA MATHEWS	R.O.W.	0.132 ACRES±
636	RYAN TIMOTHY & HEATHER N. STOCK	R.O.W.	0.280 ACRES±
637	MICHAEL & TRECA MCCONNELL	R.O.W./T.E.	0.090/0.006 ACRES±
641	TIMOTHY & TONYA MATHEWS	R.O.W./T.E.	0.014/0.042 ACRES±
642	JOHN M. MOCABY	T.E.	0.050 ACRES±
648	DIANE LAZORCHAK & JANET MARTIN	R.O.W.	0.013 ACRES±
649	JON J. GWODZIK	R.O.W./T.E.	0.083/0.004 ACRES±

EXIST. CURVE EXCL 4
PI STA. = 18+90.28
Δ = 19° 12′ 44″ (LT)
D = 32° 01′ 13″
R = 178.94′
T = 30.28′
L = 60.00′
P.C. STA. = 18+60.00
P.T. STA. = 19+20.00

EXIST. CURVE EXCL 1
PI STA. = 17+80.47
Δ = 22° 42′ 49″ (RT)
D = 32° 26′ 53″
R = 176.58′
T = 35.47′
L = 70.00′
P.C. STA. = 17+45.00
P.T. STA. = 18+15.00

COORDINATE DATA

PT#	NORTHING	EASTING
J35	361430.55	806716.19
J36	361430.60	806731.19
J39	361330.55	806716.51
J40	361330.60	806731.51
J51	361430.90	806826.19
J52	361430.89	806821.19
J53	360930.89	806822.78
J54	360930.94	806837.78
J56	360838.45	806838.06
J60	360930.54	806712.78

EXIST. CURVE IL37N 35
PI STA. = 288+31.74
Δ = 25° 52′ 10″ (RT)
D = 2° 59′ 48″
R = 1,912.05′
T = 439.14′
L = 863.30′
P.C. STA. = 283+92.60
P.T. STA. = 292+55.90

EXIST. CURVE HOMESTEAD 3
PI STA. = 21+70.24
Δ = 10° 47′ 06″ (LT)
D = 6° 44′ 26″
R = 850.00′
T = 80.24′
L = 160.00′
P.C. STA. = 20+90.00
P.T. STA. = 22+50.00

NE QUARTER NE QUARTER
SECTION 14
T. 10 S., R. 2 E., 3RD P.M.

SE QUARTER SE QUARTER
SECTION 11
T. 10 S., R. 2 E., 3RD P.M.

NW QUARTER NW QUARTER
SECTION 13
T. 10 S., R. 2 E., 3RD P.M.

SW QUARTER SW QUARTER
SECTION 12
T. 10 S., R. 2 E., 3RD P.M.

PARCEL 632
PARCEL 633
PARCEL 634
PARCEL 635
PARCEL 636
PARCEL 637
PARCEL 641
PARCEL 642
PARCEL 648
PARCEL 649

SECTION LINE
℄ FAS 2887 (IL RTE 37)
℄ CUNNINGHAM LANE
℄ HOMESTEAD ROAD
PC Sta 17+45.00
PT Sta 18+15.00
PC Sta 18+60.00
PT Sta 19+20.00
PC Sta 20+90.00
PT Sta 22+50.00
EXISTING ROW
PROPOSED ROW
TEMP. EASE.
291+25.00 40′ & 70′ RT J146 J145
290+85.00 45′ & 70′ RT J143 J144
290+00.00 45′ & 60′ RT J142 J141
289+69.30 45.00 RT J139
289+68.64 40.00 RT J149
288+45.84 60.00 RT J84
288+42.36 45.00 RT J138
287+50.00 40′ & 60′ RT J76 J77
286+00.00 40′ & 50′ RT J72 J73
284+75.00 50′ & 60′ RT J74 J70
283+92.60 JH929 J66
283+00.00 40′ & 60′ RT J881 J60
282+20.00 40′ & 60′ RT J880 J879
279+00.00 40′ & 55′ RT J40 J39
278+00.00 40′ & 55′ RT J36 J35
290+75.00 40′ & 50′ LT J133 J134
289+50.00 40′ & 45′ LT J127 J130
289+00.00 45.00 LT J131
288+93.33 65.00 LT J128
288+32.25 0.00 JH1010
288+21.37 50.96 LT J86
288+18.12 65.00 LT J129
288+14.66 80.20 LT J147
288+13.13 J96 40.00 LT
288+13.48 49.13 LT J148
287+73.90 40.00 LT J83
287+73.93 40.48 LT J93
287+74.49 50.00 LT J92
285+75.00 50′ & 55′ LT J91 J90
285+25.00 50′ & 55′ LT J88 J89
283+92.60 50.00 LT J68
283+92.48 65.00 LT J56
283+92.60 40.00 LT J67
283+00.00 50′ & 65′ LT J53 J54
278+00.00 50′ & 55′ LT J52 J51

COORDINATE DATA

PT#	NORTHING	EASTING
J66	360837.94	806713.07
J67	360838.26	806813.07
J68	360838.29	806823.07
J70	360758.15	806711.60
J72	360635.31	806722.71
J73	360636.36	806712.77
J74	360757.75	806721.60
J76	360490.01	806701.56
J77	360493.67	806681.90
J83	360451.43	806775.61
J84	360402.86	806662.66
J86	360401.62	806776.26
J88	360702.52	806818.80
J89	360702.19	806823.79

COORDINATE DATA

PT#	NORTHING	EASTING
J90	360650.92	806819.72
J91	360651.38	806814.74
J92	360448.89	806785.30
J93	360451.31	806776.07
J96	360412.24	806767.40
J127	360276.97	806732.49
J128	360326.27	806772.28
J129	360401.82	806790.69
J130	360275.54	806737.28
J131	360324.79	806751.19
J133	360155.89	806692.23
J134	360152.43	806701.61
J138	360402.69	806678.03
J139	360283.09	806645.54
J141	360259.16	806622.24

COORDINATE DATA

PT#	NORTHING	EASTING
J142	360254.52	806636.50
J143	360176.18	806609.08
J144	360184.97	806585.67
J145	360149.03	806571.76
J146	360137.91	806599.62
J147	360402.04	806806.31
J148	360409.92	806776.23
J149	360282.25	806650.52
J879	361010.54	806712.52
J880	361010.60	806732.52
J881	360930.60	806732.78
JH929	360838.00	806733.07
JH1010	360402.19	806724.13

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Project\78633\CAD\Data\CAD\sheets\0978633-SHT-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 17 OF 28 SHEETS | STA. 276+00.00 | TO STA. 291+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	254
IL RTE 37;S11,12,13&14; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU8	245+38.74	364691.98	806760.87
P.C.41	283+92.60	360838.13	806773.07
P.T.41	292+55.90	360003.26	806584.11
STAEQU9	292+60.79	360003.26	806584.11
P.C.44	350+27.40	354806.57	804084.47

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
642	JOHN M. MOCABY	T.E.	0.050 ACRES±
643	TORY & WENDY CUNNINGHAM	R.O.W./T.E.	0.044/0.062 ACRES±
644	ANDREW & TARRYN WHORTON	R.O.W.	0.020 ACRES±
645	LOGAN & ASHLEY PATTON	T.E.	0.005 ACRES±
646	WYMANE & ALEXANDRIA BROWN	T.E.	0.021 ACRES±
647	KELLY BOND & CHRISTOPHER WHITE	R.O.W.	0.203 ACRES±
649	JON J. GWODZIK	R.O.W./T.E.	0.083/0.004 ACRES±
650	ROBERT & SHARON WROLSON	R.O.W./T.E.	0.012/0.006 ACRES±
651	GARY & CYNTHIA MARKS	T.E.	0.012 ACRES±
652	GREGORY & TAMMY SULLIVAN	T.E.	0.005 ACRES±
653	WILLIAM & LISA COX	R.O.W.	0.023 ACRES±
654	KATHALEEN & MARK ORRILL	R.O.W.	0.053 ACRES±
655	WILLIAM J. BAKER	R.O.W.	0.632 ACRES±

NE QUARTER NE QUARTER
SECTION 14
T. 10 S., R. 2 E., 3RD P.M.

SE QUARTER NE QUARTER
SECTION 14
T. 10 S., R. 2 E., 3RD P.M.

℄ ARCADIA LAKE ROAD
POT Sta 17+50.00
QUARTER QUARTER SECTION LINE
EXISTING ROW
I-57
PARCEL 655
PARCEL 647
PARCEL 646
PARCEL 645
PARCEL 644
PARCEL 643
PARCEL 642
PARCEL 654
PARCEL 653
PARCEL 652
PARCEL 651
PARCEL 650
PARCEL 649
PROPOSED ROW
TEMP. EASE.
EXISTING ROW
℄ FAS 2887 (IL RTE 37)
EQUATION:
Sta 292+60.79 AH =
Sta 292+55.90 BK =
SECTION LINE
POT Sta 23+00.00
℄ ARCADIA LAKE ROAD
QUARTER QUARTER SECTION LINE

J208 303+51.24 70.00 RT
304+25.00 50' & 70' RT J206 J205
303+41.97 50.00 RT J269
303+00.20 55.00 RT J181
302+93.25 40.00 RT J183
302+00.00 55' & 65' RT J174 J177
300+00.00 55' & 65' RT J179 J178
J182 298+45.06 55.00 RT
298+41.00 45.00 RT J171
298+38.96 40.00 RT J170
J165 296+12.82 45.00 RT
296+10.33 40.00 RT J167
295+00.00 45' & 55' RT J160 J158
J924 291+79.59 75.00 RT
292+25.00 60' & 75' RT J921 J922
293+50.00 40' & 55' RT J155 J156
292+75.00 40' & 60' RT J154 J153
290+85.00 45' & 70' RT J143 J144
291+25.00 40' & 70' RT J146 J145
292+60.79 40.00 RT J95
J163 291+64.74 40.00 RT
303+13.89 0.00 JH1011
302+63.54 40.00 LT J192
302+95.62 40.00 LT J200
302+45.00 50.00 LT J198
302+51.74 65.00 LT J199
299+40.00 40' & 50' LT J185 J188
298+20.18 40.00 LT J117
298+17.84 45.00 LT J116
297+75.00 40' & 45' LT J112 J113
297+00.00 40' & 45' LT J111 J110
296+00.00 40' & 45' LT J108 J109
294+00.00 40' & 50' LT J99 J100
293+50.00 40 45 50 LT J103 J104 J102
292+60.79 40 45 50 LT J94 J122 J123
290+75.00 40' & 50' LT J133 J134

EXIST. CURVE IL37N 35
PI STA. = 288+31.74
Δ = 25° 52' 10" (RT)
D = 2° 59' 48"
R = 1,912.05'
T = 439.14'
L = 863.30'
P.C. STA. = 283+92.60
P.T. STA. = 292+55.90

COORDINATE DATA

PT#	NORTHING	EASTING
J94	359985.92	806620.16
J95	360020.60	806548.06
J99	359860.47	806559.81
J100	359856.14	806568.82
J102	359901.19	806590.50
J103	359905.53	806581.49
J104	359903.36	806585.99
J108	359680.24	806473.12
J109	359678.07	806477.63
J110	359587.95	806434.28
J111	359590.12	806429.77
J112	359522.53	806397.26
J113	359520.36	806401.77
J116	359481.76	806383.20
J117	359481.82	806377.68

COORDINATE DATA

PT#	NORTHING	EASTING
J122	359983.76	806624.66
J123	359981.59	806629.17
J133	360155.89	806692.23
J134	360152.43	806701.61
J143	360176.18	806609.08
J144	360184.97	806585.67
J145	360149.03	806571.76
J146	360137.91	806599.62
J153	360016.46	806523.88
J154	360007.79	806541.90
J155	359940.21	806509.39
J156	359946.71	806495.88
J158	359811.53	806430.86

COORDINATE DATA

PT#	NORTHING	EASTING
J160	359807.20	806439.87
J163	360101.92	806584.82
J165	359705.53	806390.96
J167	359705.61	806396.55
J170	359499.57	806297.44
J171	359499.90	806292.06
J174	359180.71	806127.43
J177	359185.05	806118.42
J178	359365.28	806205.11
J179	359360.95	806214.12
J181	359090.42	806083.99
J182	359500.57	806281.28
J183	359090.18	806100.53
J185	359373.84	806325.74
J188	359369.50	806334.75
J192	359082.27	806185.50

COORDINATE DATA

PT#	NORTHING	EASTING
J198	359094.65	806202.54
J199	359082.08	806213.14
J200	359053.36	806171.59
J205	358984.45	806016.38
J206	358975.78	806034.40
J208	359050.92	806048.35
J269	359050.92	806070.39
J921	360056.35	806542.80
J922	360062.63	806529.17
J924	360102.46	806546.98
JH1011	359054.24	806127.62

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

NW QUARTER NW QUARTER
SECTION 13
T. 10 S., R. 2 E., 3RD P.M.

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

SCALE
100' 0 50' 100'

MODEL: Default
FILE NAME: z:\\dot-pw.bentley.com:PWIDOTDocuments\IDOT Offices\District 9\Projects\78633\CADD\data\CADD\sheets\D978633-SHT-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100' | SHEET 18 OF 28 SHEETS | STA. 291+00.00 | TO STA. 305+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	255
IL RTE 37;SEC 13&14; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS FED. AID PROJECT			

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU8	245+38.74	364691.98	806760.87
P.C.41	283+92.60	360838.13	806773.07
P.T.41	292+55.90	360003.26	806584.11
STAEQU9	292+60.79	360003.26	806584.11
P.C.44	350+27.40	354806.57	804084.47

ALIGNMENT INFO
GRASSY ROAD

POINT#	STATION	NORTHING	EASTING
GRASSY1	17+00.00	357732.20	805188.03
GRASSY2	20+00.00	357724.33	805487.93

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
655	WILLIAM J. BAKER	R.O.W.	0.632 ACRES±
656	TOPOS MINISTRIES, INC.	R.O.W.	0.331 ACRES±
657	DEAN & PATRICIA HAMMONDS	R.O.W.	0.051 ACRES±
658	HELEN M. DEMPSEY	T.E.	0.041 ACRES±

COORDINATE DATA

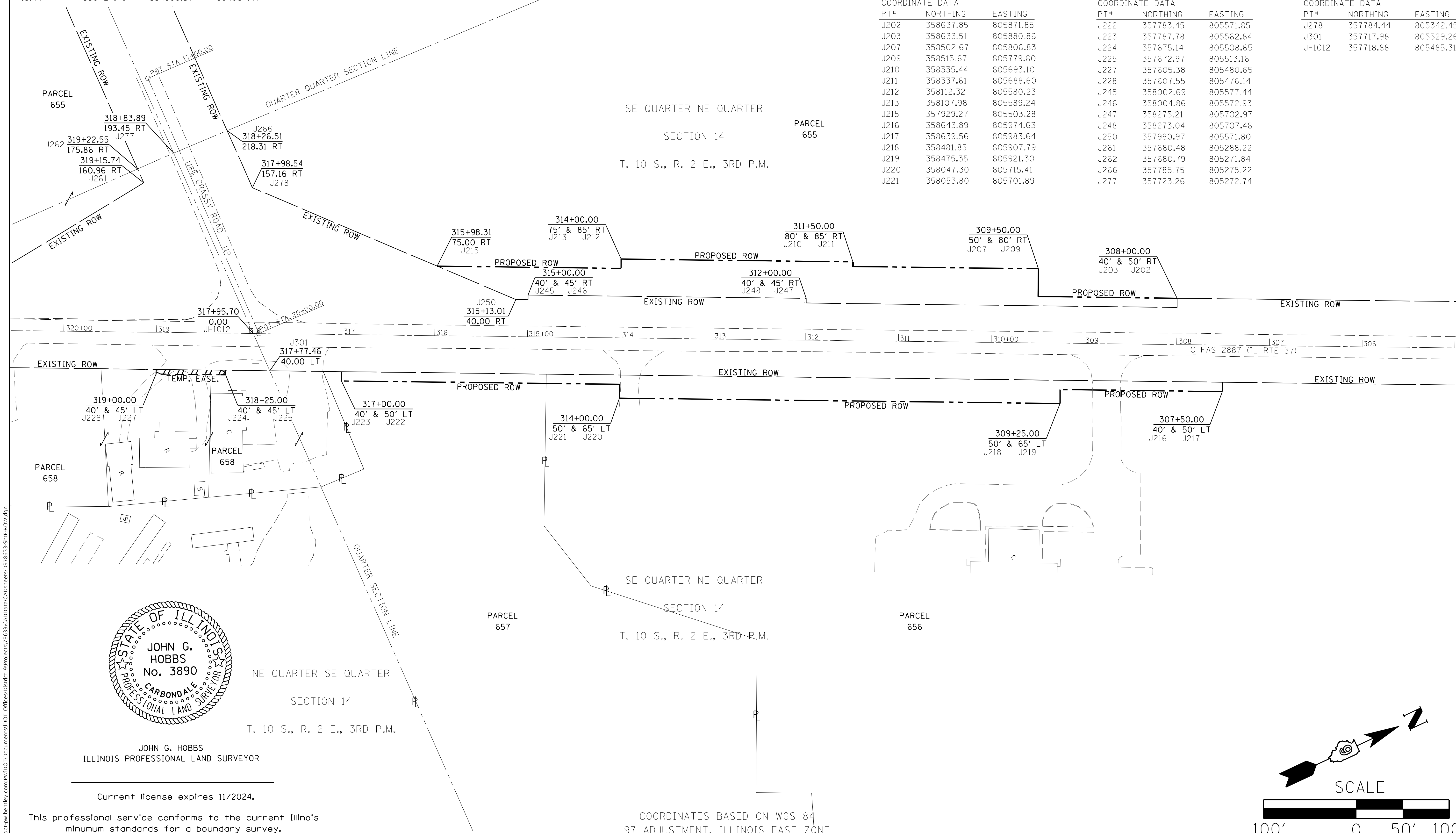
PT#	NORTHING	EASTING
J202	358637.85	805871.85
J203	358633.51	805880.86
J207	358502.67	805806.83
J209	358515.67	805779.80
J210	358335.44	805693.10
J211	358337.61	805688.60
J212	358112.32	805580.23
J213	358107.98	805589.24
J215	357929.27	805503.28
J216	358643.89	805974.63
J217	358639.56	805983.64
J218	358481.85	805907.79
J219	358475.35	805921.30
J220	358047.30	805715.41
J221	358053.80	805701.89

COORDINATE DATA

PT#	NORTHING	EASTING
J222	357783.45	805571.85
J223	357787.78	805562.84
J224	357675.14	805508.65
J225	357672.97	805513.16
J227	357605.38	805480.65
J228	357607.55	805476.14
J245	358002.69	805577.44
J246	358004.86	805572.93
J247	358275.21	805702.97
J248	358273.04	805707.48
J250	357990.97	805571.80
J261	357680.48	805288.22
J262	357680.79	805271.84
J266	357785.75	805275.22
J277	357723.26	805272.74

COORDINATE DATA

PT#	NORTHING	EASTING
J278	357784.44	805342.45
J301	357717.98	805529.26
JH1012	357718.88	805485.31



STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

MODEL: Default
FILE NAME: pw:\\lidot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-Sht-ROW.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100' | SHEET 19 OF 28 SHEETS | STA. 305+00.00 TO STA. 320+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	256

IL RTE 37; SEC 14; T10S; R2E — CONTRACT NO. 78633
R-99-004-18 | ILLINOIS | FED. AID PROJECT

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU8	245+38.74	364691.98	806760.87
P.C.41	283+92.60	360838.13	806773.07
P.T.41	292+55.90	360003.26	806584.11
STAEQU9	292+60.79	360003.26	806584.11
P.C.44	350+27.40	354806.57	804084.47

ALIGNMENT INFO
PONDEROSA COURT

POINT#	STATION	NORTHING	EASTING
PONDEROSA1	20+00.00	357255.94	805262.63
P.C.3	21+00.00	357212.60	805352.75
P.T.3	22+60.00	357192.47	805508.74

COORDINATE DATA

PT#	NORTHING	EASTING
J229	357481.38	805415.46
J230	357464.05	805451.50
J231	357432.50	805436.33
J232	357449.84	805400.29
J241	357260.64	805309.28
J254	357063.17	805103.33
J255	357491.24	805309.23
J256	357267.90	805201.80
J257	357270.07	805197.30
J259	357500.61	805308.19
J263	357413.17	805266.13

COORDINATE DATA

PT#	NORTHING	EASTING
J264	357401.10	805265.87
J265	357256.25	805262.78
J270	356560.82	804883.89
J271	356565.16	804874.88
J272	356925.62	805048.26
J273	356929.96	805039.25
J276	356403.61	804808.27
J279	356395.82	805244.43
J280	357062.75	805125.32
J282	356972.40	805181.73
J283	356976.73	805172.72
J284	356864.08	805118.53
J285	356857.58	805132.05
J286	356767.46	805088.70

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
655	WILLIAM J. BAKER	R.O.W.	0.632 ACRES±
658	HELEN M. DEMPSEY	T.E.	0.041 ACRES±
661	MICHAEL & BARBARA NORRIS	R.O.W./T.E./P.E.	0.238/0.020/0.021 ACRES±
662	WILLIAM J. BAKER TRUST	R.O.W.	0.265 ACRES±
663	MICHAEL & BARBARA NORRIS	R.O.W.	0.144 ACRES±

COORDINATE DATA

PT#	NORTHING	EASTING
J287	356773.97	805075.19
J288	356661.32	805021.00
J289	356656.99	805030.01
J290	356611.93	805008.34
J291	356616.26	804999.33
J292	356481.09	804934.31
J293	356478.92	804938.81
J295	356420.34	804910.64
J296	356422.51	804906.13
J297	357138.19	805261.48
J298	357140.75	805251.61
J300	356402.04	804896.29
J303	357159.69	805260.72
J304	356380.59	804797.19

COORDINATE DATA

PT#	NORTHING	EASTING
J305	356382.76	804792.69
J331	356255.79	804825.94
J332	356249.29	804839.46
JH1013	356402.83	804852.28
JH1014	356407.79	804574.55
J846	356789.99	805099.54
J847	356776.99	805126.57
J849	356804.02	805139.58
J850	356817.03	805112.54

333+72.00
252.43 RT
JH1014

QUARTER QUARTER SECTION LINE

PARCEL
662

PARCEL
661

NW QUARTER SE QUARTER

SECTION 14

T. 10 S., R. 2 E., 3RD P.M.

PARCEL
655

333+00.00
40' & 45' RT
J304 J305

332+74.45
40.00 RT
J276

331+00.00
40' & 50' RT
J270 J271

327+00.00
50' & 60' RT
J272 J273

325+52.18
60.00 RT
J254

323+25.00
60' & 65' RT
J256 J257

321+66.20
65.00 RT
J263

PROPOSED ROW
EXISTING ROW

J280
325+43.03
40.00 RT

321+77.19
60.00 RT
J264

QUARTER QUARTER SECTION LINE

EXISTING ROW

320+69.17
65.00 RT
J259

320+77.16
60.00 RT
J255

J265
323+09.06
0.00

1335+00 1334 1333 1332 1331 1330+00 1329 1328 1327 1326 1325+00 1324 1323 1322 1321

℄ FAS 2887 (IL RTE 37)

JH1013
332+56.08
0.00

POT STA 20+00.00

℄ FAS 2887 (IL RTE 37)

EXISTING ROW

J298 324+17.99
40.00 LT

322+84.96
40.00 LT J241

EXISTING ROW

PROPOSED ROW

TEMP. EASE.

PROPOSED ROW

PROPOSED ROW

334+00.00
40' & 55' LT
J331 J332

332+37.72
40.00 LT
J300

332+15.00
40' & 45' LT
J296 J295

331+50.00
40' & 45' LT
J292 J293

330+00.00
40' & 50' LT
J291 J290
TEMP. EASE.

329+50.00
40' & 50' LT
J288 J289

328+25.00
40' & 55' LT
J287 J286

328+00.00
55' & 85' LT
J846 J847

327+70.00
55' & 85' LT
J850 J849
PERM. EASE.

327+25.00
40' & 55' LT
J284 J285

326+00.00
40' & 50' LT
J283 J282

323+96.97
40.00 LT
J303

J297
324+16.02
50.00 LT

EXIST. CURVE PONDEROSA 3
P.I. STA. = 21+82.85
Δ = 36° 40' 09" (LT)
D = 22° 55' 06"
R = 250.00'
T = 82.85'
L = 160.00'
P.C. STA. = 21+00.00
P.T. STA. = 22+60.00

POC Sta 21+00.00

320+75.00
40' & 80' LT
J232 J231
TEMP. EASE.

320+40.00
40' & 80' LT
J229 J230

PARCEL
658

PARCEL
661

PARCEL
663

SW QUARTER SE QUARTER

SECTION 14

T. 10 S., R. 2 E., 3RD P.M.

QUARTER QUARTER SECTION LINE

PI Sta 21+82.85

POT Sta 22+60.00

℄ PONDEROSA COURT

330+92.42
356.43 LT
J279

EXISTING ROW

NE QUARTER SE QUARTER

SECTION 14

T. 10 S., R. 2 E., 3RD P.M.

EXISTING ROW

EXIST. CURVE PONDEROSA 3
PI STA. = 21+82.85
Δ = 36° 40' 09" (LT)
D = 22° 55' 06"
R = 250.00'
T = 82.85'
L = 160.00'
PC STA. = 21+00.00
PT STA. = 22+60.00

SCALE
100' 0 50' 100'

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
PROFESSIONAL LAND SURVEYOR
CARBONDALE

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-SHT-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100' | SHEET 20 OF 28 SHEETS | STA. 320+00.00 | TO STA. 335+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	257
IL RTE 37; SEC 14; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS FED. AID PROJECT			

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU8	245+38.74	364691.98	806760.87
P.C.41	283+92.60	360838.13	806773.07
P.T.41	292+55.90	360003.26	806584.11
STAEQU9	292+60.79	360003.26	806584.11
P.C.44	350+27.40	354806.57	804084.47

ALIGNMENT INFO
SHADOW ROAD

POINT#	STATION	NORTHING	EASTING
SHADOW1	17+50.00	355091.55	803961.73
P.C.3	18+61.53	355088.18	804073.20
P.T.3	19+80.00	355071.82	804190.31
SHADOW6	20+00.00	355066.92	804209.70
P.C.8	20+86.51	355077.85	804295.51
P.T.8	21+26.51	355080.29	804335.40
SHADOW10	22+50.00	355079.72	804458.90

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
662	WILLIAM J. BAKER TRUST	R.O.W.	0.265 ACRES±
663	MICHAEL & BARBARA NORRIS	R.O.W.	0.144 ACRES±
664	JON JASON GWODZIK	R.O.W.	0.096 ACRES±
665	ENVISION PROPERTIES LLC	R.O.W.	0.248 ACRES±
670	FED. HOME LOAN MORT. CORP.	R.O.W./T.E./P.E.	0.029/0.024/0.038 ACRES±
673	DAVID K. FOSSE	R.O.W./T.E.	0.288/0.006 ACRES±

COORDINATE DATA

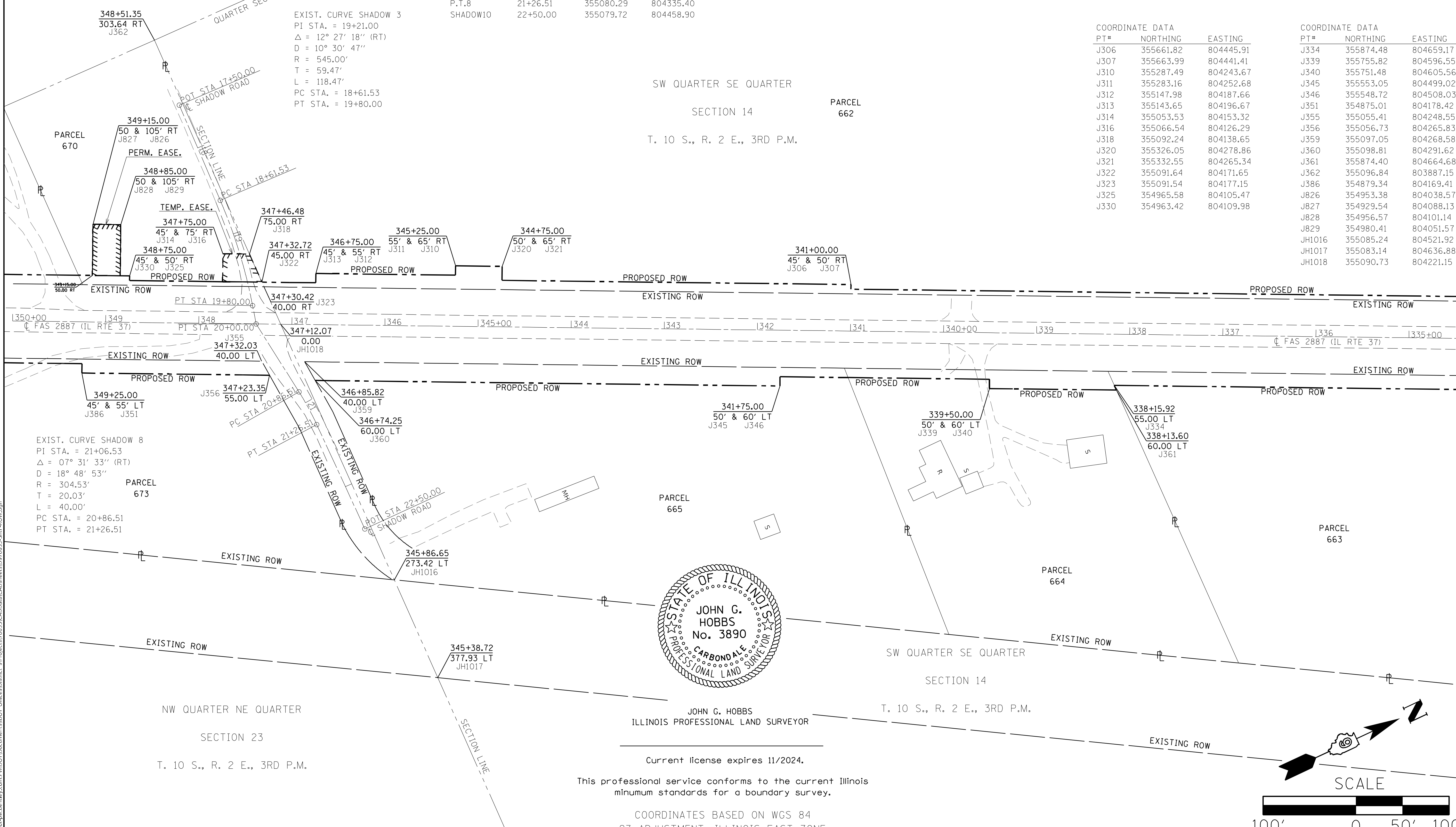
PT#	NORTHING	EASTING
J306	355661.82	804445.91
J307	355663.99	804441.41
J310	355287.49	804243.67
J311	355283.16	804252.68
J312	355147.98	804187.66
J313	355143.65	804196.67
J314	355053.53	804153.32
J316	355066.54	804126.29
J318	355092.24	804138.65
J320	355326.05	804278.86
J321	355332.55	804265.34
J322	355091.64	804171.65
J323	355091.54	804177.15
J325	354965.58	804105.47
J330	354963.42	804109.98

COORDINATE DATA

PT#	NORTHING	EASTING
J334	355874.48	804659.17
J339	355755.82	804596.55
J340	355751.48	804605.56
J345	355553.05	804499.02
J346	355548.72	804508.03
J351	354875.01	804178.42
J355	355055.41	804248.55
J356	355056.73	804265.83
J359	355097.05	804268.58
J360	355098.81	804291.62
J361	355874.40	804664.68
J362	355096.84	803887.15
J386	354879.34	804169.41
J826	354953.38	804038.57
J827	354929.54	804088.13
J828	354956.57	804101.14
J829	354980.41	804051.57
JH1016	355085.24	804521.92
JH1017	355083.14	804636.88
JH1018	355090.73	804221.15

EXIST. CURVE SHADOW 3
PI STA. = 19+21.00
Δ = 12° 27' 18'' (RT)
D = 10° 30' 47''
R = 545.00'
T = 59.47'
L = 118.47'
PC STA. = 18+61.53
PT STA. = 19+80.00

EXIST. CURVE SHADOW 8
PI STA. = 21+06.53
Δ = 07° 31' 33'' (RT)
D = 18° 48' 53''
R = 304.53'
T = 20.03'
L = 40.00'
PC STA. = 20+86.51
PT STA. = 21+26.51



STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

USER NAME = elise.knop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100' | SHEET 21 OF 28 SHEETS | STA. 335+00.00 TO STA. 350+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	258
IL RTE 37; SEC 14&23; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-Sht-ROW.dgn

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU9	292+60.79	360003.26	806584.11
P.C.44	350+27.40	354806.57	804084.47
P.T.44	360+91.80	354021.56	803386.13
STAEQU10	360+95.61	354021.56	803386.13
P.C.47	383+21.38	352829.74	801506.34

COORDINATE DATA

PT#	NORTHING	EASTING
J379	353945.90	803192.09
J380	354055.35	803364.71
J385	354787.06	804125.02
J387	354675.80	804067.03
J388	354668.45	804080.11
J389	354623.84	804054.23
J391	354670.90	804075.75
J395	353831.24	802980.40
J398	353987.78	803407.55
J399	354229.61	803737.07
J400	354229.88	803715.81
J401	354154.57	803655.88
J402	354147.04	803662.45
J404	354115.67	803586.15
J405	354088.43	803592.11
J406	353990.21	803457.18
J407	354011.02	803443.34
J411	354626.40	804049.94
J413	353776.13	803111.51

COORDINATE DATA

PT#	NORTHING	EASTING
J414	353878.34	803234.93
J415	353865.67	803242.96
J417	354466.46	803874.45
J819	354129.81	803422.17
J820	354146.63	803445.67
J821	354134.50	803454.50
J822	354193.65	803531.51
J823	354232.49	803500.02
J824	354262.73	803536.33
J825	354238.62	803569.65
JH1019	353974.67	803864.54
JH1020	354376.37	803872.64
JH1021	354400.52	803873.12
JH1022	354534.98	803875.83
JH1023	354570.36	803876.54
JH1024	354919.50	803883.58
JH1025	353767.57	803741.96
JH1026	353777.63	803001.38

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
670	FED. HOME LOAN MORT. CORP.	R.O.W./T.E./P.E.	0.029/0.024/0.038 ACRES±
671	MARK & JILL KING	R.O.W./P.E.	0.313/0.020 ACRES±
672	BENJAMIN & HAILEY BLOYER	R.O.W./P.E.	0.129/0.043 ACRES±
673	DAVID K. FOSSE	R.O.W./T.E.	0.288/0.006 ACRES±
674	J. B. ARNOLD	R.O.W./T.E.	0.032/0.084 ACRES±
675	RONALD & KATHIE PRICE	R.O.W.	0.067 ACRES±

EXIST. CURVE IL37N 38
PI STA. = 355+73.82
Δ = 31° 56′ 12″ (RT)
D = 03° 00′ 02″
R = 1,909.58′
T = 546.42′
L = 1,064.40′
PC STA. = 350+27.40
PT STA. = 360+91.80

NE QUARTER NW QUARTER
SECTION 23
T. 10 S., R. 2 E., 3RD P.M.

NW QUARTER NE QUARTER
SECTION 23
T. 10 S., R. 2 E., 3RD P.M.

J395
365+40.19
56.51 RT

JH1026
365+51.17
0.00

365+00
℄ FAS 2887 (IL RTE 37)

363+00.00
40′ & 50′ RT
J379 J378

359+70.00
55′ & 70′ RT
J821 J820

360+00.00
50, 55 & 70′ RT
J376 J375 J819

360+91.80
40′ & 50′ RT
J380 J377

EQUATION:
Sta 360+91.80 BK =
Sta 360+95.61 AH

358+50.00
55′ & 65′ RT
J373 J372

358+70.00
55′ & 105′ RT
J822 J823

358+20.00
105.00 RT
J824

358+10.00
65.00 RT
J825

358+00.00
50′ & 65′ RT
J370 J371

355+75.00
50′ & 60′ RT
J369 J368

353+41.64
60.00 RT
JH1023

353+71.62
40.00 RT
JH1022

350+12.71
229.99 RT
JH1024

350+27.40
40′ & 50′ RT
J354 J365

351+25.00
50′ & 60′ RT
J366 J367

364+58.96
60.23 LT
J413

363+00.00
40′ & 55′ LT
J414 J415

J398
360+91.80
40.00 LT

360+50.00
40′ & 65′ LT
J407 J406

358+76.52
40.00 LT
J404

358+00.00
55′ & 65′ LT
J401 J402

358+88.55
65.00 LT
J405

356+92.52
55.00 LT
J399

357+07.23
40.00 LT
J400

354+27.86
0.00
J417

354+79.77
40.00 LT
JH1021

354+98.24
55.00 LT
JH1020

352+00.00
55′ & 60′ LT
J411 J389

351+50.00
45, 55 & 60 LT
J387 J391 J388

350+27.40
40′ & 45′ LT
J353 J385

357+66.85
328.09 LT
JH1019

359+56.30
410.88 LT
JH1025

℄ FAS 2887 (IL RTE 37)
PC Sta 350+27.40

EXISTING ROW
PROPOSED ROW
TEMP. EASE.
PERM. EASE.
EXISTING ROW RAILROAD
QUARTER SECTION LINE
QUARTER QUARTER SECTION LINE

PARCEL 670
PARCEL 671
PARCEL 672
PARCEL 673
PARCEL 674
PARCEL 675

COORDINATE DATA

PT#	NORTHING	EASTING
J353	354789.23	804120.52
J354	354823.91	804048.42
J365	354828.24	804039.41
J366	354743.68	803996.05
J367	354748.47	803987.26
J368	354393.87	803735.56
J369	354387.16	803742.98
J370	354233.66	803586.81
J371	354244.96	803576.94
J372	354213.67	803540.15
J373	354205.96	803546.53
J375	354117.54	803430.80
J376	354113.46	803433.68
J377	354063.79	803359.36
J378	353954.35	803186.74

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\Stat\CAD\sheets\078633-Sht-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 22 OF 28 SHEETS | STA. 350+00.00 | TO STA. 365+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	259
IL RTE 37; SEC 23; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU9	292+60.79	360003.26	806584.11
P.C.44	350+27.40	354806.57	804084.47
P.T.44	360+91.80	354021.56	803386.13
STAEQU10	360+95.61	354021.56	803386.13
P.C.47	383+21.38	352829.74	801506.34

NO PROPOSED RIGHT-OF-WAY

SW QUARTER NW QUARTER
SECTION 23
T. 10 S., R. 2 E., 3RD P.M.

NE QUARTER NW QUARTER
SECTION 23
T. 10 S., R. 2 E., 3RD P.M.

SE QUARTER NW QUARTER
SECTION 23
T. 10 S., R. 2 E., 3RD P.M.

371+76.87
408.72 RT
J772

369+59.15
266.50 RT
J397

365+40.19
56.51 RT

366+41.90
59.27 RT
J396

377+65.04
117.13 RT

374+94.59
82.38 RT

370+85.06
71.28 RT
JH1027

365+51.17
0.00
JH1026

371+31.03
0.00
JH1028

376+11.35
26.93 LT

371+85.80
84.93 LT
JH1029

377+37.91
90.00 LT

380+04.53
90.12 LT

376+36.64
100.25 LT

378+42.35
144.49 LT

378+04.03
196.30 LT

EXISTING ROW

QUARTER QUARTER SECTION LINE

℄ BURLINGTON LANE

℄ FAS 2887 (IL RTE 37)

COORDINATE DATA

PT#	NORTHING	EASTING
J396	353779.10	802893.02
J397	353784.24	802514.12
J772	353787.77	802254.09
JH1026	353777.63	803001.38
JH1027	353551.95	802512.32
JH1028	353467.13	802511.66
JH1029	353366.07	802510.88

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

STATE OF ILLINOIS
JOHN G.
HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

SCALE
100′ 0 50′ 100′

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 23 OF 28 SHEETS | STA. 365+00.00 TO STA. 380+00.00

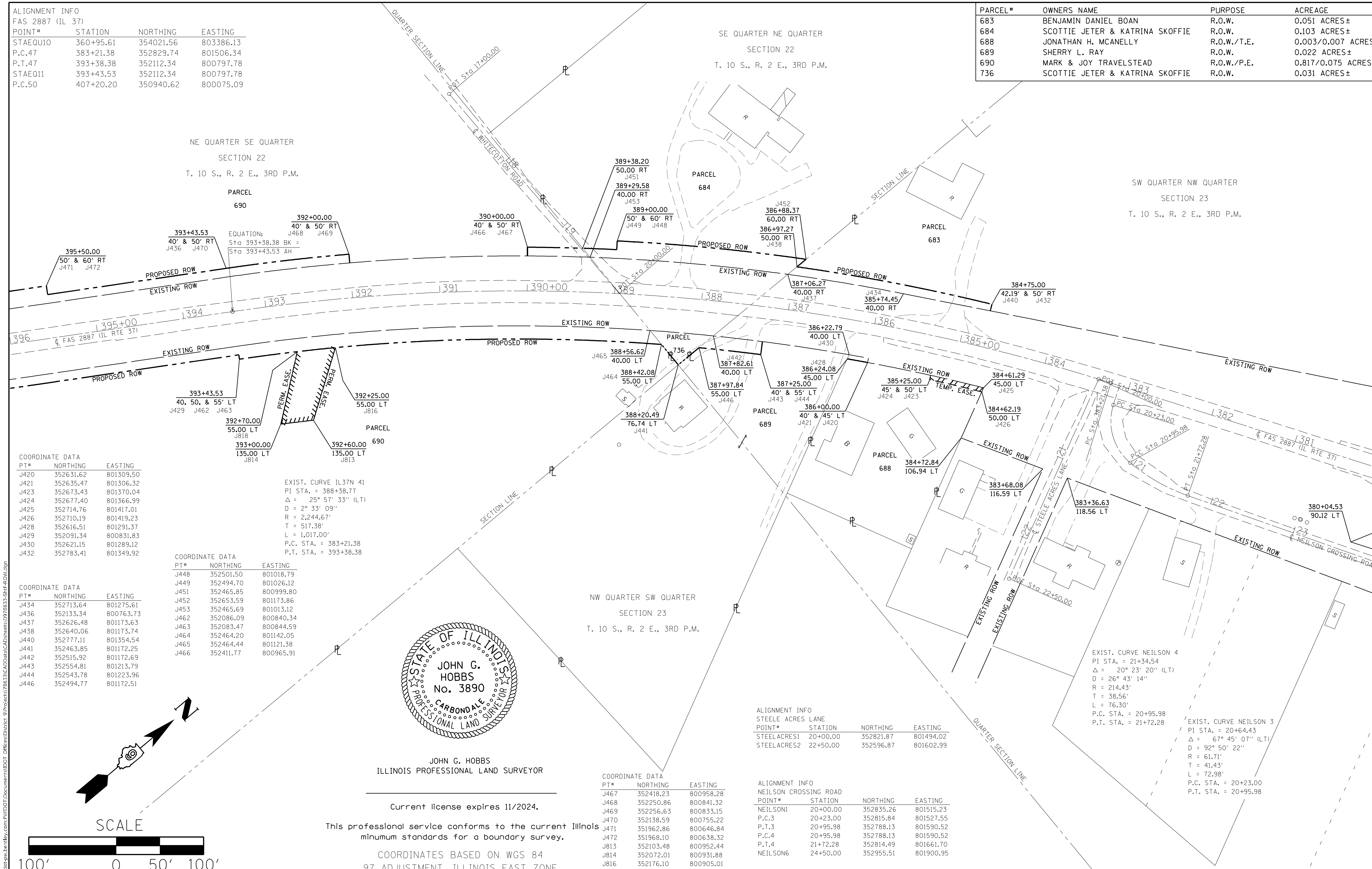
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	260
IL RTE 37; SEC 23; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: pw:\\Wildcat-pw.bentley.com:PWIDOT Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\0978633-Shtf-ROW.dgn

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU10	360+95.61	354021.56	803386.13
P.C.47	383+21.38	352829.74	801506.34
P.T.47	393+38.38	352112.34	800797.78
STAEQ11	393+43.53	352112.34	800797.78
P.C.50	407+20.20	350940.62	800075.09

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
683	BENJAMIN DANIEL BOAN	R.O.W.	0.051 ACRES±
684	SCOTTIE JETER & KATRINA SKOFFIE	R.O.W.	0.103 ACRES±
688	JONATHAN H. MCANELLY	R.O.W./T.E.	0.003/0.007 ACRES±
689	SHERRY L. RAY	R.O.W.	0.022 ACRES±
690	MARK & JOY TRAVELSTEAD	R.O.W./P.E.	0.817/0.075 ACRES±
736	SCOTTIE JETER & KATRINA SKOFFIE	R.O.W.	0.031 ACRES±



EXIST. CURVE IL37N 41
PI STA. = 388+38.77
Δ = 25° 57′ 33″ (LT)
D = 2° 33′ 09″
R = 2,244.67′
T = 517.38′
L = 1,017.00′
P.C. STA. = 383+21.38
P.T. STA. = 393+38.38

COORDINATE DATA

PT#	NORTHING	EASTING
J420	352631.62	801309.50
J421	352635.47	801306.32
J423	352673.43	801370.04
J424	352677.40	801366.99
J425	352714.76	801417.01
J426	352710.19	801419.23
J428	352616.51	801291.37
J429	352091.34	800831.83
J430	352621.15	801289.12
J432	352783.41	801349.92

COORDINATE DATA

PT#	NORTHING	EASTING
J434	352713.64	801275.61
J436	352133.34	800763.73
J437	352626.48	801173.63
J438	352640.06	801173.74
J440	352777.11	801354.54
J441	352463.85	801172.25
J442	352515.92	801172.69
J443	352554.81	801213.79
J444	352543.78	801223.96
J446	352494.77	801172.51

COORDINATE DATA

PT#	NORTHING	EASTING
J448	352501.50	801018.79
J449	352494.70	801026.12
J451	352465.85	800999.80
J452	352653.59	801173.86
J453	352465.69	801013.12
J462	352086.09	800840.34
J463	352083.47	800844.59
J464	352464.20	801142.05
J465	352464.44	801121.38
J466	352411.77	800965.91

COORDINATE DATA

PT#	NORTHING	EASTING
J467	352418.23	800958.28
J468	352250.86	800841.32
J469	352256.63	800833.15
J470	352138.59	800755.22
J471	351962.86	800646.84
J472	351968.10	800638.32
J813	352103.48	800952.44
J814	352072.01	800931.88
J816	352176.10	800905.01
J818	352139.70	800880.47

ALIGNMENT INFO
STEELE ACRES LANE

POINT#	STATION	NORTHING	EASTING
STEELACRES1	20+00.00	352821.87	801494.02
STEELACRES2	22+50.00	352596.87	801602.99

ALIGNMENT INFO
NEILSON CROSSING ROAD

POINT#	STATION	NORTHING	EASTING
NEILSON1	20+00.00	352835.26	801515.23
P.C.3	20+23.00	352815.84	801527.55
P.T.3	20+95.98	352788.13	801590.52
P.C.4	20+95.98	352788.13	801590.52
P.T.4	21+72.28	352814.49	801661.70
NEILSON6	24+50.00	352955.51	801900.95

EXIST. CURVE NEILSON 4
PI STA. = 21+34.54
Δ = 20° 23′ 20″ (LT)
D = 26° 43′ 14″
R = 214.43′
T = 38.56′
L = 76.30′
P.C. STA. = 20+95.98
P.T. STA. = 21+72.28

EXIST. CURVE NEILSON 3
PI STA. = 20+64.43
Δ = 67° 45′ 07″ (LT)
D = 92° 50′ 22″
R = 61.71′
T = 41.43′
L = 72.98′
P.C. STA. = 20+23.00
P.T. STA. = 20+95.98

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SCALE
100′ 0 50′ 100′

USER NAME = elise.knop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1″ = 100′ | SHEET 24 OF 28 SHEETS | STA. 380+00.00 TO STA. 395+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	261
IL RTE 37; SEC 22&23; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQU10	360+95.61	354021.56	803386.13
P.C.47	383+21.38	352829.74	801506.34
P.T.47	393+38.38	352112.34	800797.78
STAE011	393+43.53	352112.34	800797.78
P.C.50	407+20.20	350940.62	800075.09
P.T.50	424+36.90	349636.09	798969.16

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
690	MARK & JOY TRAVELSTEAD	R.O.W./P.E.	0.817/0.075 ACRES±
691	PHILLIP & PAMELA DESJARDINS	R.O.W.	0.057 ACRES±
692	LARRY SAMS & GEORGETTE ARMES	R.O.W.	0.073 ACRES±
696	MARK & JOY TRAVELSTEAD	R.O.W./P.E.	0.333/0.055 ACRES±

COORDINATE DATA

PT#	NORTHING	EASTING
J458	351612.46	800548.21
J459	351609.84	800552.47
J471	351962.86	800646.84
J472	351968.10	800638.32
J475	351747.45	800519.85
J476	351755.32	800507.09
J477	351321.88	800257.38
J478	351327.13	800248.86

COORDINATE DATA

PT#	NORTHING	EASTING
J481	351138.88	800132.76
J483	351137.33	800261.04
J488	350911.74	800121.90
J489	350969.49	800028.28
J490	350873.55	799985.60
J491	350887.06	799964.57
J492	350974.74	800019.77
J493	350893.37	800151.69

COORDINATE DATA

PT#	NORTHING	EASTING
J496	350741.88	799994.94
J497	350714.08	800036.51
J509	351142.63	799824.34
J807	350871.96	800138.42
J808	350786.51	800149.55
J809	350769.24	800138.48
J812	350816.11	800103.20
J872	351138.10	800196.90

EXIST. CURVE IL37N 50
P.I. STA. = 415+85.09
Δ = 17° 14′ 59″ (RT)
D = 1° 00′ 17″
R = 5,702.12′
T = 864.89′
L = 1,716.70′
P.C. STA. = 407+20.20
P.T. STA. = 424+36.90

NE QUARTER SE QUARTER
SECTION 22
T. 10 S., R. 2 E., 3RD P.M.

PARCEL
690

PARCEL
692

PARCEL
691

PARCEL
696

SE QUARTER SE QUARTER
SECTION 22
T. 10 S., R. 2 E., 3RD P.M.

PARCEL
690

NE QUARTER SE QUARTER
SECTION 22
T. 10 S., R. 2 E., 3RD P.M.

QUARTER QUARTER SECTION LINE

406+79.89
319.47 RT
J509

395+50.00
50′ & 60′ RT
J471 J472

398+00.00
45′ & 60′ RT
J475 J476

403+00.00
45′ & 55′ RT
J477 J478

405+21.18
55.00 RT
J481

408+25.00
40′ & 65′ RT
J490 J491

407+20.20
40 55 & 65′ RT
J489 J492

399+00.00
50′ & 55′ LT
J458 J459

404+88.17
J872 0.00

404+55.16
55.00 LT
J483

407+20.20
40 55 & 90′ LT
J488 J493

409+30.00
40′ & 90′ LT
J496 J497

408+10.00
90.00 LT
J812

407+45.00
90.00 LT
J807

408+30.00
145.00 LT
J809

408+10.00
145.00 LT
J808

PROPOSED ROW
EXISTING ROW
℄ FAS 2887 (IL RTE 37)
PC Sta 407+20.20
PERM. EASE.
POOL

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT1Documents\IDOT Offices\District 9\Projects\78633\CAD\Data\CADSheets\0978633-SHT-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100' | SHEET 25 OF 28 SHEETS | STA. 395+00 | TO STA. 410+00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	262
IL RTE 37; SEC 22; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQ11	393+43.53	352112.34	800797.78
P.C.50	407+20.20	350940.62	800075.09
P.T.50	424+36.90	349636.09	798969.16
STAEQU12	424+40.46	349636.09	798969.16
P.C.53	427+49.30	349433.13	798736.38

EXIST. CURVE IL37N 50
P.I. STA. = 415+85.09
Δ = 17° 14′ 59″ (RT)
D = 1° 00′ 17″
R = 5,702.12′
T = 864.89′
L = 1,716.70′
P.C. STA. = 407+20.20
P.T. STA. = 424+36.90

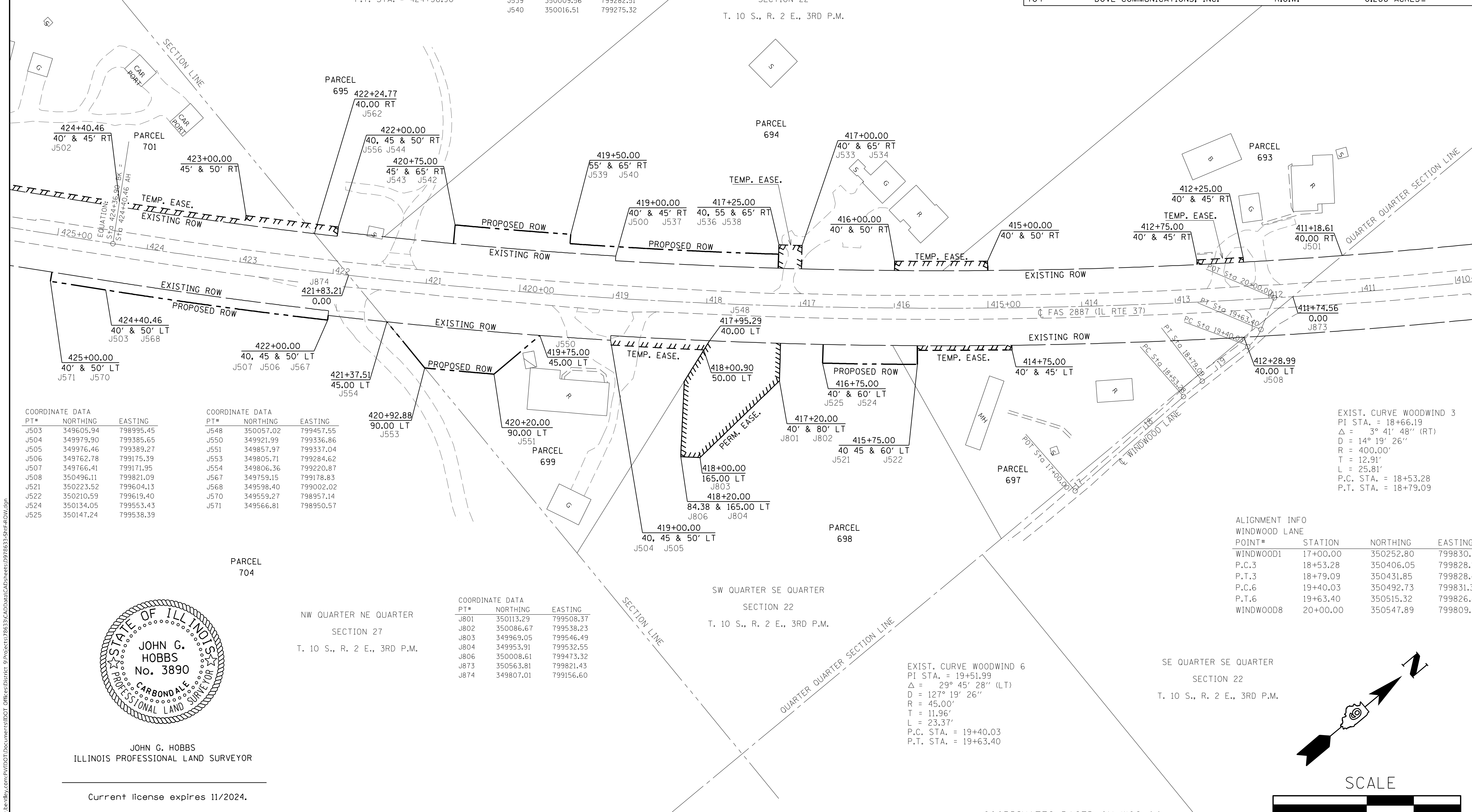
COORDINATE DATA

PT#	NORTHING	EASTING
J500	350034.99	799327.64
J501	350632.42	799821.77
J502	349666.24	798942.87
J533	350181.37	799461.84
J534	350197.94	799443.12
J536	350162.81	799445.35
J537	350038.43	799324.01
J538	350172.81	799434.16
J539	350009.56	799282.51
J540	350016.51	799275.32

COORDINATE DATA

PT#	NORTHING	EASTING
J542	349928.60	799188.47
J543	349914.39	799202.54
J544	349828.10	799113.48
J556	349824.47	799116.92
J562	349807.59	799099.03

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
693	DIEDERICH PROPERTIES, INC.	T.E.	0.016 ACRES±
694	BRIAN COLE	R.O.W./T.E.	0.128/0.027 ACRES±
695	CHRISTOPHER & JULIE OSMAN	T.E.	0.007 ACRES±
697	DEAN LAWSON	R.O.W./T.E.	0.010/0.011 ACRES±
698	MARK & JOY TRAVELSTEAD	R.O.W./P.E.	0.037/0.199 ACRES±
699	ZACHARY & ELIZABETH ROBINSON	R.O.W./T.E.	0.123/0.024 ACRES±
701	TIMOTHY & SUSAN ALFORD	T.E.	0.134 ACRES±
704	DOVE COMMUNICATIONS, INC.	R.O.W.	0.266 ACRES±



COORDINATE DATA

PT#	NORTHING	EASTING
J503	349605.94	798995.45
J504	349979.90	799385.65
J505	349976.46	799389.27
J506	349762.78	799175.39
J507	349766.41	799171.95
J508	350496.11	799821.09
J521	350223.52	799604.13
J522	350210.59	799619.40
J524	350134.05	799553.43
J525	350147.24	799538.39

COORDINATE DATA

PT#	NORTHING	EASTING
J548	350057.02	799457.55
J550	349921.99	799336.86
J551	349857.97	799337.04
J553	349805.71	799284.62
J554	349806.36	799220.87
J567	349759.15	799178.83
J568	349598.40	799002.02
J570	349559.27	798957.14
J571	349566.81	798950.57

COORDINATE DATA

PT#	NORTHING	EASTING
J801	350113.29	799508.37
J802	350086.67	799538.23
J803	349969.05	799546.49
J804	349953.91	799532.55
J806	350008.61	799473.32
J873	350563.81	799821.43
J874	349807.01	799156.60

EXIST. CURVE WOODWIND 3
PI STA. = 18+66.19
Δ = 3° 41′ 48″ (RT)
D = 14° 19′ 26″
R = 400.00′
T = 12.91′
L = 25.81′
P.C. STA. = 18+53.28
P.T. STA. = 18+79.09

ALIGNMENT INFO
WINDWOOD LANE

POINT#	STATION	NORTHING	EASTING
WINDWOOD1	17+00.00	350252.80	799830.94
P.C.3	18+53.28	350406.05	799828.13
P.T.3	18+79.09	350431.85	799828.49
P.C.6	19+40.03	350492.73	799831.30
P.T.6	19+63.40	350515.32	799826.40
WINDWOOD8	20+00.00	350547.89	799809.72

EXIST. CURVE WOODWIND 6
PI STA. = 19+51.99
Δ = 29° 45′ 28″ (LT)
D = 127° 19′ 26″
R = 45.00′
T = 11.96′
L = 23.37′
P.C. STA. = 19+40.03
P.T. STA. = 19+63.40

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

SCALE
100′ 0 50′ 100′

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

USER NAME = elise.knop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1″ = 100′ | SHEET 26 OF 28 SHEETS | STA. 410+00 TO STA. 425+00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	263

IL RTE 37; SEC 22,27; T10S; R2E — CONTRACT NO. 78633
R-99-004-18 | ILLINOIS | FED. AID PROJECT

MODEL: Default
FILE NAME: pw:\\idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\D978633-Sht-ROW.dgn

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
STAEQ11	393+43.53	352112.34	800797.78
P.C.50	407+20.20	350940.62	800075.09
P.T.50	424+36.90	349636.09	798969.16
STAEQU12	424+40.46	349636.09	798969.16
P.C.53	427+49.30	349433.13	798736.38
P.T.53	436+93.20	348665.39	798203.92
6156	444+44.93	347961.60	797939.78

EXIST. CURVE IL37N 47
PI STA. = 432+31.12
Δ = 28° 20′ 36″ (LT)
D = 3° 00′ 10″
R = 1,908.08′
T = 481.82′
L = 943.90′
P.C. STA. = 427+49.30
P.T. STA. = 436+93.20

EXIST. CURVE TESKE 3
PI STA. = 19+12.67
Δ = 22° 44′ 24″ (LT)
D = 22° 55′ 06″
R = 250.00′
T = 50.27′
L = 99.22′
P.C. STA. = 18+62.39
P.T. STA. = 19+61.62

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
701	TIMOTHY & SUSAN ALFORD	T.E.	0.134 ACRES±
702	MICHAEL JOSEPH MAYFIELD	R.O.W./T.E.	0.004/0.046 ACRES±
703	RHONDA BANKS	R.O.W.	0.023 ACRES±
704	DOVE COMMUNICATIONS, INC.	R.O.W.	0.266 ACRES±
705	CONNIE JOHNSON	R.O.W.	0.420 ACRES±
706	LARRY & ANGELA JOHNSON	R.O.W.	0.134 ACRES±
709	CHARLES & KATHRYN EARL	T.E.	0.333 ACRES±
740	HUNTER H. HILL	R.O.W./T.E./P.E.	0.118/0.118/0.054 ACRES±

COORDINATE DATA

PT#	NORTHING	EASTING
J502	349666.24	798942.87
J503	349605.94	798995.45
J568	349598.40	799002.02
J570	349559.27	798957.14
J571	349566.81	798950.57
J572	349468.23	798837.51
J573	349464.47	798840.80
J574	349399.21	798765.95
J575	349402.98	798762.66
J576	349366.18	798729.07
J577	349355.14	798739.23

ALIGNMENT INFO
TESKE ROAD

POINT#	STATION	NORTHING	EASTING
TESKE1	17+00.00	349544.61	798509.48
P.C.3	18+62.39	349382.32	798515.44
P.T.3	19+61.62	349286.46	798538.41
TESKE5	20+00.00	349251.63	798554.54

NE QUARTER NW QUARTER
SECTION 27
T. 10 S., R. 2 E., 3RD P.M.

COORDINATE DATA

PT#	NORTHING	EASTING
J595	349463.28	798710.09
J597	349439.07	798682.84
J598	349446.48	798676.13
J599	349364.69	798591.09
J600	349357.69	798598.23
J602	349176.14	798416.13
J603	349182.14	798408.13
J604	348965.26	798266.58
J605	348967.71	798262.23
J606	348828.99	798191.17
J607	348824.79	798200.24

COORDINATE DATA

PT#	NORTHING	EASTING
J611	348589.41	798116.65
J612	348592.92	798107.29
J615	348679.45	798166.47
J616	348688.23	798143.06
J618	349306.19	798549.61
J619	349264.09	798512.40
J620	349292.38	798510.47
J621	349252.69	798476.59
J624	348461.61	798170.16
J646	349220.84	798476.33
J648	348087.76	798475.25

COORDINATE DATA

PT#	NORTHING	EASTING
J649	349052.80	798474.96
J653	348462.81	798085.16
J654	348463.04	798069.23
J790	348824.76	798316.67
J791	348793.67	798379.39
J792	348823.08	798394.31
J793	348855.32	798332.18
J794	348846.11	798349.93
J875	349155.53	798475.80
J876	348462.21	798127.66

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
PROFESSIONAL LAND SURVEYOR
CARBONDALE

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SCALE
100′ 0 50′ 100′

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWTDOT Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-SHT-ROW.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100′ | SHEET 27 OF 28 SHEETS | STA. 425+00 | TO STA. 440+00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	264
IL RTE 37; SEC 27; T10S; R2E		CONTRACT NO. 78633		
R-99-004-18	ILLINOIS FED. AID PROJECT			

ALIGNMENT INFO
FAS 2887 (IL 37)

POINT#	STATION	NORTHING	EASTING
P.T.53	436+93.20	348665.39	798203.92
6156	444+44.93	347961.60	797939.78
6158	20+00.00	347961.60	797939.78
P.T.3	11+36.12	347152.81	797636.23

COORDINATE DATA

PT#	NORTHING	EASTING
J613	348298.59	798023.53
J614	348303.86	798009.48
J624	348461.61	798170.16
J638	348190.90	798068.56
J639	348189.14	798073.24
J640	347945.79	797981.91
J641	348041.12	797926.90
J642	348046.39	797912.86
J643	347980.92	797888.28
J653	348462.81	798085.16
J654	348463.04	798069.23

COORDINATE DATA

PT#	NORTHING	EASTING
J679	347913.02	797969.61
J685	347839.28	797952.62
J689	347924.75	797867.20
J696	347798.95	797803.96
J698	347793.67	797818.01
J700	347604.67	797752.51
J701	347601.16	797761.78
J702	347417.42	797682.14
J703	347419.18	797677.46
J707	347947.54	797977.23
J709	347975.65	797902.33

COORDINATE DATA

PT#	NORTHING	EASTING
J710	347762.90	797907.93
J714	347907.64	797844.76
J727	347759.13	797960.83
J729	347731.87	798145.29
J731	347720.79	798145.33
J733	347723.92	798083.47
J736	347760.80	797914.71
J737	347629.01	797889.72
J738	347639.55	797861.63
J740	347669.12	797872.73

COORDINATE DATA

PT#	NORTHING	EASTING
J741	347656.74	797912.61
J745	347281.64	797759.35
J746	347274.61	797778.07
J748	347654.31	797920.58
J759	347115.14	797696.78
J760	347733.69	798084.89
J779	347805.34	797971.92
J781	347811.51	797955.46
J876	348462.21	798127.66
J877	347116.52	797621.96

PARCEL#	OWNERS NAME	PURPOSE	ACREAGE
707	CARLA SMITH	R.O.W.	0.060 ACRES±
708	GERALD & RUTH ROPER	R.O.W.	0.053 ACRES±
709	CHARLES & KATHRYN EARL	T.E.	0.333 ACRES±
710	DOUGLAS & SHERRI GOODMAN	R.O.W./T.E.	0.007/0.045 ACRES±
711	VEER 2018, LLC	R.O.W./P.E.	0.164/0.010 ACRES±
713	SOUTHERN ILLINOIS PROPERTIES	R.O.W.	0.176 ACRES±
714	SOUTHERN ILLINOIS POWER COOP	R.O.W.	0.208 ACRES±

10+97.14, 0.00, J877
P.T. Sta 11+36.12
11+22.89, 70.00 RT, J759
13+00.00, 70' & 90' RT, J745 J746
14+00.00, 50' & 55' LT, J702 J703
16+00.00, 40' & 50' LT, J701 J700
18+00.00, 55' & 70' LT, J698 J696
19+16.10, 70.00 LT, J714
16+71.03, 40' & 70' RT, J738 J737
17+02.62, 40.00 RT, J740
17+05.04, 81.68 RT, J741
17+05.57, 90.00 RT, J748
18+02.79, 40.00 RT, J710
20+42.90, 48.83 LT
20+50.00, 48.83 LT, J736
18+17.84, 90.85 RT
20+97.00, 60.00 LT, J727
18+90.00, 55.00 RT, J685
18+65.00, 67.42' & 85' RT, J781 J779
19+40.00, 55.00 LT, J689
444+44.93, 40' & 55' RT, J709 J643
443+75.00, 40' & 55' LT, J641 J642
441+00.00, 40' & 55' RT, J613 J614
444+44.93, 40' & 45' LT, J707 J640
19+65.00, 45.00 RT, J679
439+29.98, 55.00 RT, J654
439+24.59, 40.00 RT, J653
22+30.67, 60.00 LT, J760
22+34.39, 50.00 LT, J733
23+00.00, 48.91' & 60' LT, J731 J729
441+85.00, 40' & 45' LT, J639 J638
441+25.00, 40' & 85' LT
439+10.22, 0.00, J876
438+95.85, 40.00 LT, J624
440+73.25, 85.00 LT
438+92.25, 50.00 LT
440+62.48, 115.00 LT
438+68.90, 115.00 LT

POT Sta 20+00.00
PC Sta 20+50.00
POT Sta 444+44.93
PCC Sta 22+30.67
PT Sta 25+24.91

PARCEL 713
PARCEL 714
PARCEL 708
PARCEL 707
PARCEL 711
PARCEL 709
PARCEL 710

EXISTING ROW
PROPOSED ROW
PERM. EASE.
TEMP. EASE.
℄ FAS 2887 (IL RTE 37)
℄ LAKE EGYPT ROAD
QUARTER SECTION LINE

EXIST. CURVE LOE 3
PI STA. = 21+40.52
Δ = 8° 58' 40" (LT)
D = 4° 58' 09"
R = 1,153.05'
T = 90.52'
L = 180.67'
P.C. STA. = 20+50.00
P.T. STA. = 22+30.67

EXIST. CURVE LOE 4
PI STA. = 23+79.16
Δ = 19° 03' 30" (LT)
D = 6° 28' 38"
R = 884.58'
T = 148.49'
L = 294.24'
P.C. STA. = 22+30.67
P.T. STA. = 25+24.91

SE QUARTER NW QUARTER
SECTION 27
T. 10 S., R. 2 E., 3RD P.M.

ALIGNMENT INFO
LAKE EGYPT ROAD

POINT#	STATION	NORTHING	EASTING
LOE1	20+00.00	347728.99	797852.48
P.C.3	20+50.00	347714.17	797900.23
P.T.3	22+30.67	347674.31	798076.26
P.T.4	25+24.91	347701.20	798367.91

COORDINATES BASED ON WGS 84
97 ADJUSTMENT, ILLINOIS EAST ZONE

SCALE
100′ 0 50′ 100′

STATE OF ILLINOIS
JOHN G. HOBBS
No. 3890
CARBONDALE
PROFESSIONAL LAND SURVEYOR

JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minumum standards for a boundary survey.

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
WILDCAT ROAD TO LAKE EGYPT ROAD

SCALE: 1" = 100' | SHEET 28 OF 28 SHEETS | STA. 439+00.00 | TO STA. 444+44.93

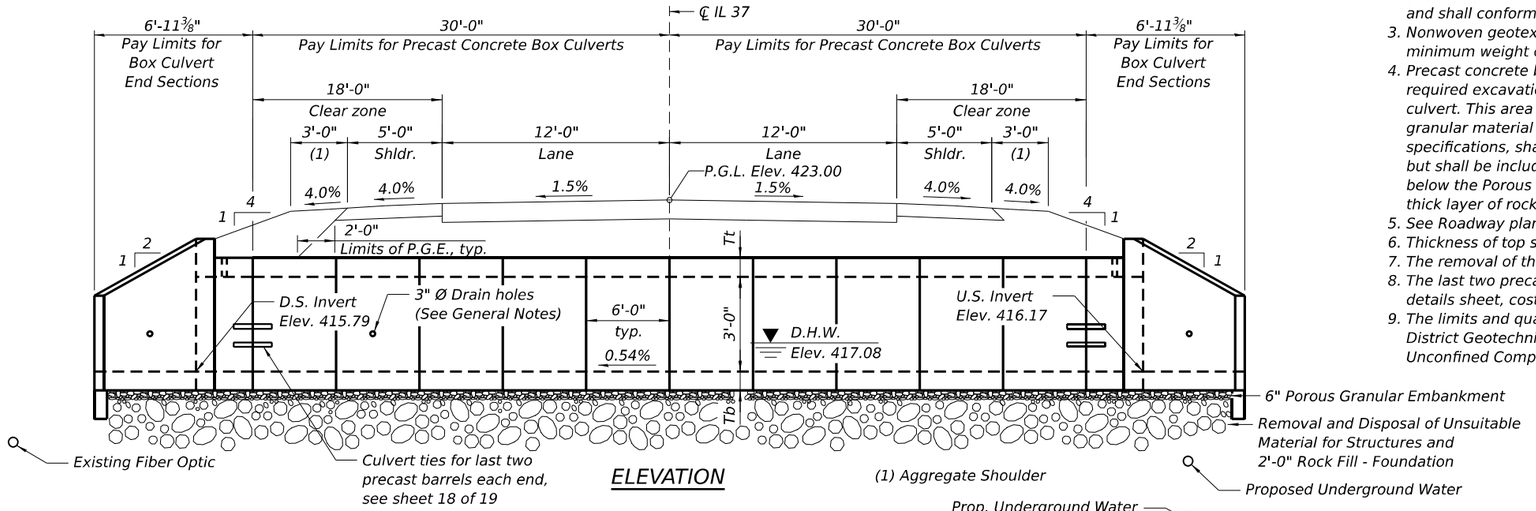
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	265
IL RTE 37; SEC 27; T10S; R2E		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT Documents\DOT Offices\District 9\projects\78633\CADData\CADSheets\09178633-SHT-ROW.dgn

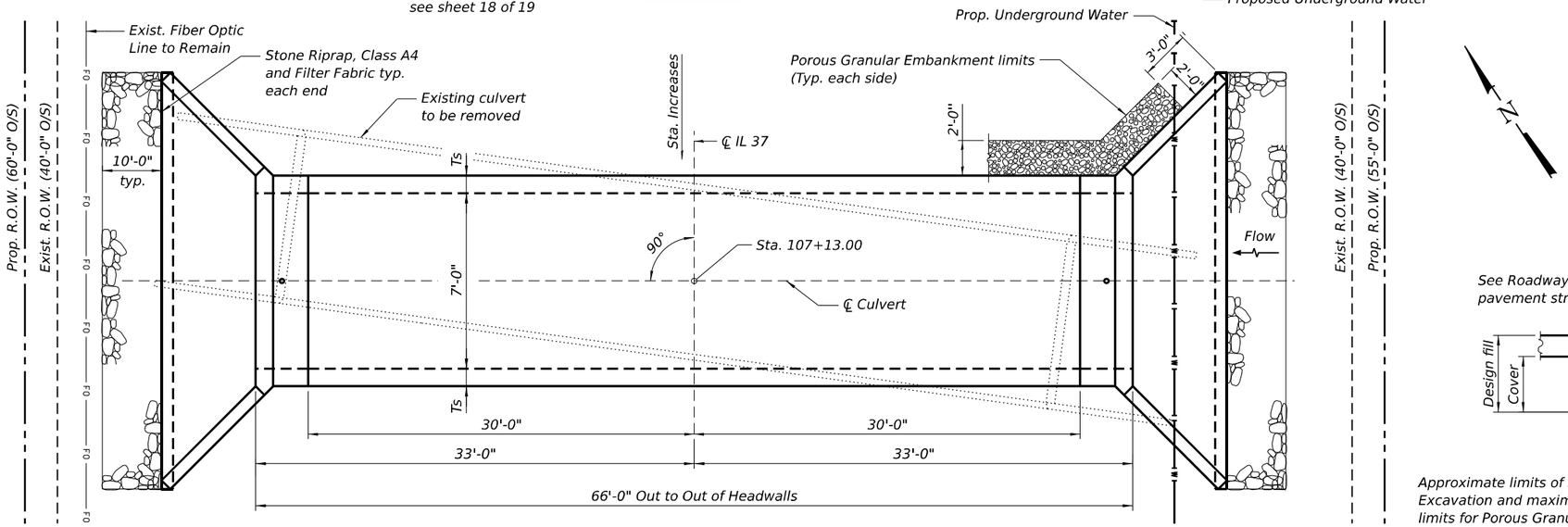
Existing Structure: The existing structure SN 100-7110 is a 62'-0" long, 7' x 3' precast concrete box culvert with wing walls to be removed.

GENERAL NOTES

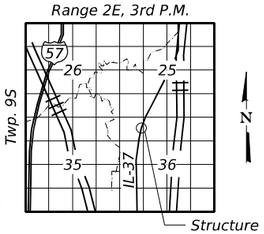
1. *The design fill height for this box is 3'-4". The precast box culvert sections shall conform to the requirements of ASTM C 1577.*
2. *Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.*
3. *Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.*
4. *Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.*
5. *See Roadway plans for construction staging details.*
6. *Thickness of top slab, bottom slab, and side walls to be determined by manufacturer.*
7. *The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 1.*
8. *The last two precast barrel sections at each end shall be tied together using culvert ties as shown on the culvert tie details sheet, cost included in Precast Concrete Box Culverts of the size specified in the plans.*
9. *The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.*



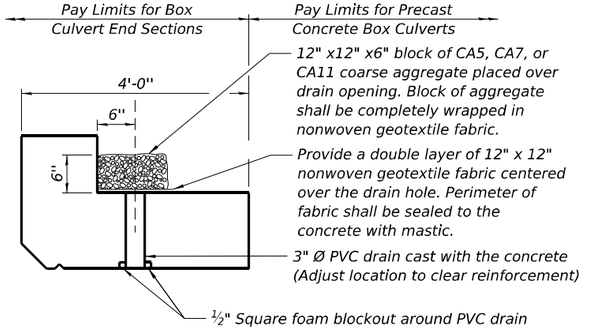
ELEVATION



PLAN

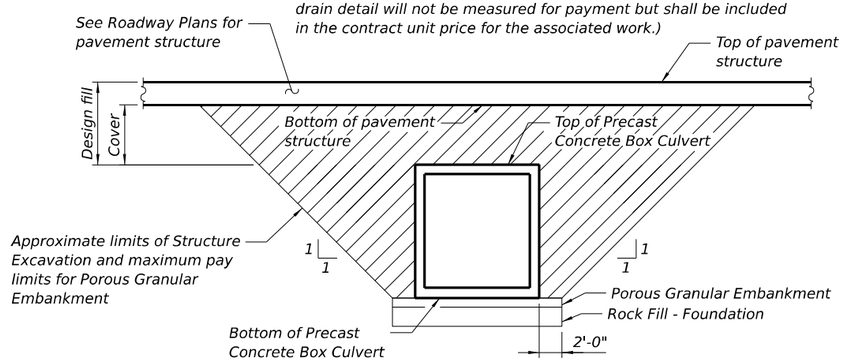


LOCATION SKETCH



DRAIN DETAIL

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



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)

HYDRAULIC DATA

Drainage Area = 34.7 AC
Design Waterway Opening = 6.4 SF
Design Discharge = 17.6 CFS
Design Headwater Elevation = 417.08 FT
100 Year Discharge = 20.4 CFS
100 Year Headwater Elevation = 417.17 FT

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

DESIGN STRESSES

PRECAST UNITS

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

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	160.3
Stone Riprap, Class A4	Sq. Yd.	38
Filter Fabric	Sq. Yd.	38
Removal of Existing Structures No. 1	Each	1
Structure Excavation	Cu. Yd.	445.7
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	86.2
Box Culvert End Sections, Culvert No. 1	Each	2
Precast Concrete Box Culverts, 7' x 3'	Foot	60
Rock Fill - Foundation	Ton	101

LICENSED PROFESSIONAL ENGINEER * DEREK A. COCHRAN 062-072558 * STATE OF ILLINOIS

10/1/2024

Exp. Date 11/30/2024

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

GENERAL PLAN AND ELEVATION IL-37 OVER DITCH F.A.S. RTE. 2887 SEC. 113R-1 WILLIAMSON COUNTY STATION 107+13.00 STRUCTURE NO. 100-7110

FILE NAME: L:\IDOT\220066\10-20\WO_09\Draw\Structures\CADD_Sheets\D9786833-201-Culvert 107-GPE.dgn

CMT License No. 184-000613

USER NAME = dcochran	DESIGNED - VT	REVISED -			
	DRAWN - VT	REVISED -			
PLOT SCALE = N/A	CHECKED - JMM	REVISED -			
PLOT DATE = 10/1/2024	DATE - 03/29/2024	REVISED -			

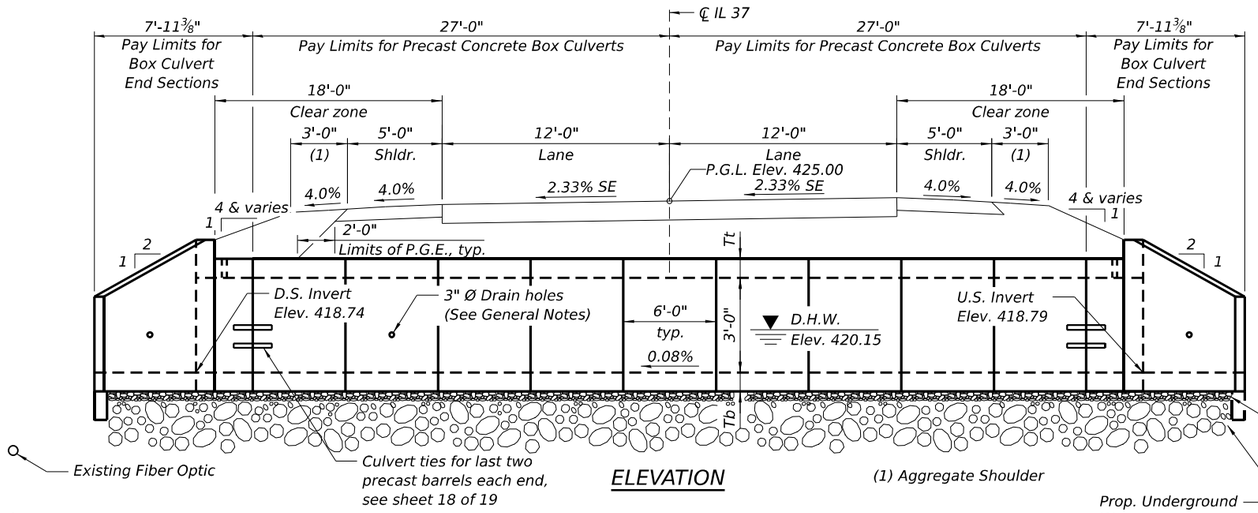
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 100-7110

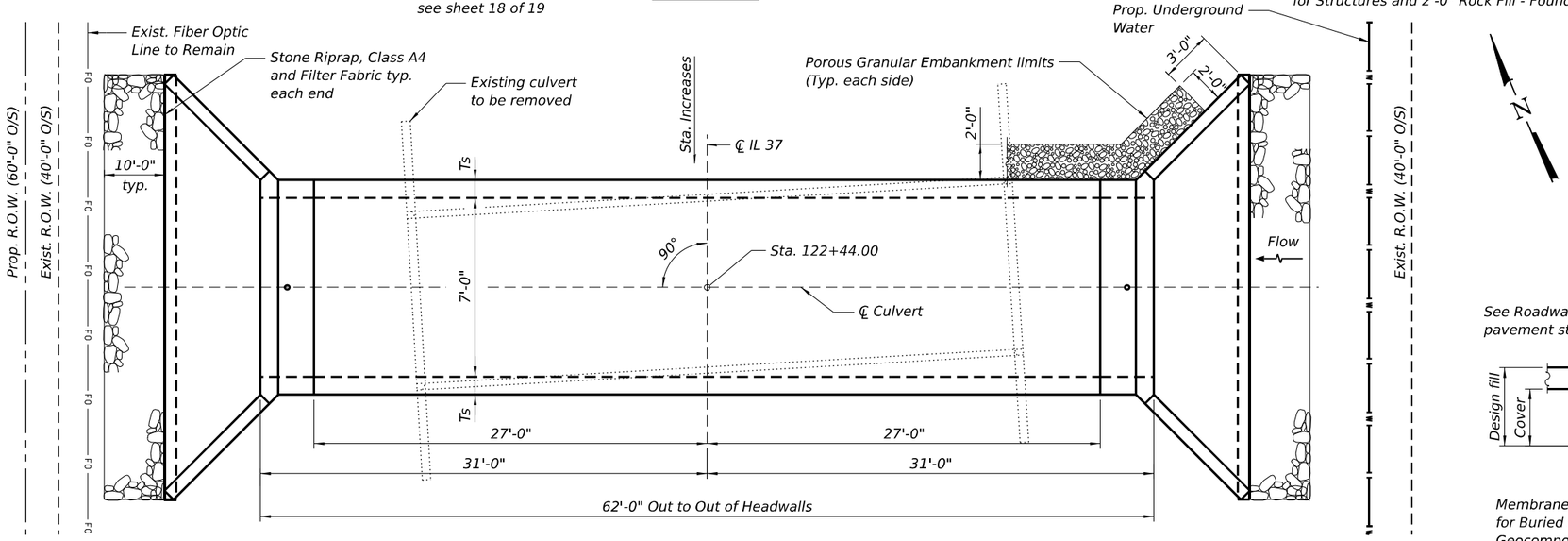
SCALE: | SHEET 1 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	266
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

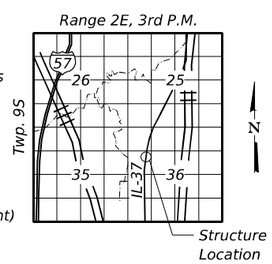
Existing Structure: The existing structure SN 100-7109 is a 35'-0" long, 5' x 4' concrete box culvert with parallel wing walls to be removed.



ELEVATION



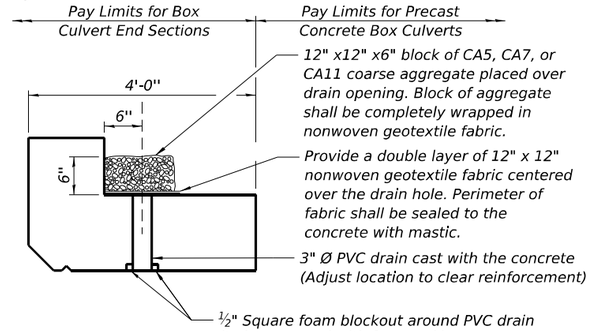
PLAN



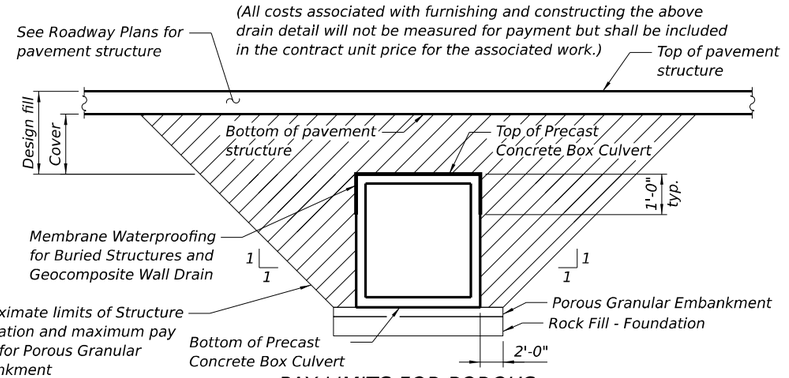
LOCATION SKETCH

GENERAL NOTES

1. *The design fill height for this box is 2'-7". The precast box culvert sections shall conform to the requirements of ASTM C 1577.*
2. *Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.*
3. *Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.*
4. *Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.*
5. *See Roadway plans for construction staging details.*
6. *Thickness of top slab, bottom slab, and side walls to be determined by manufacturer.*
7. *Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.*
8. *The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 2.*
9. *The last two Precast Barrel Sections at each end shall be tied together using culvert ties as shown on the culvert tie details sheet, cost included in Precast Concrete Box Culverts of the size specified in the plans.*
10. *The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.*



DRAIN DETAIL



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)

HYDRAULIC DATA

Drainage Area = 8.0 AC
Design Waterway Opening = 9.5 SF
Design Discharge = 14.7 CFS
Design Headwater Elevation = 420.15 FT
100 Year Discharge = 16.6 CFS
100 Year Headwater Elevation = 420.24 FT

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

DESIGN STRESSES

PRECAST UNITS

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

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	123.1
Stone Riprap, Class A4	Sq. Yd.	38
Filter Fabric	Sq. Yd.	38
Removal of Existing Structures No. 2	Each	1
Structure Excavation	Cu. Yd.	382.5
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	81.6
Box Culvert End Sections, Culvert No. 2	Each	2
Precast Concrete Box Culverts, 7' x 3'	Foot	54
Geocomposite Wall Drain	Sq. Yd.	71
Membrane Waterproofing System For Buried Structures	Sq. Yd.	71
Rock Fill - Foundation	Ton	96

LICENSED PROFESSIONAL ENGINEER
DEREK A. COCHRAN
062-072558
STATE OF ILLINOIS

Exp. Date 11/30/2024

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

GENERAL PLAN AND ELEVATION
IL-37 OVER DITCH
F.A.S. RTE. 2887 SEC. 113R-1
WILLIAMSON COUNTY
STATION 122+44.00
STRUCTURE NO. 100-7109

CMT
License No. 184-000613

USER NAME = bholland	DESIGNED - VT	REVISED -
	DRAWN - VT	REVISED -
PLOT SCALE = N/A	CHECKED - JMM	REVISED -
PLOT DATE = 3/29/2024	DATE - 03/29/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 100-7109

SCALE: | SHEET 2 OF 19 SHEETS | STA. | TO STA.

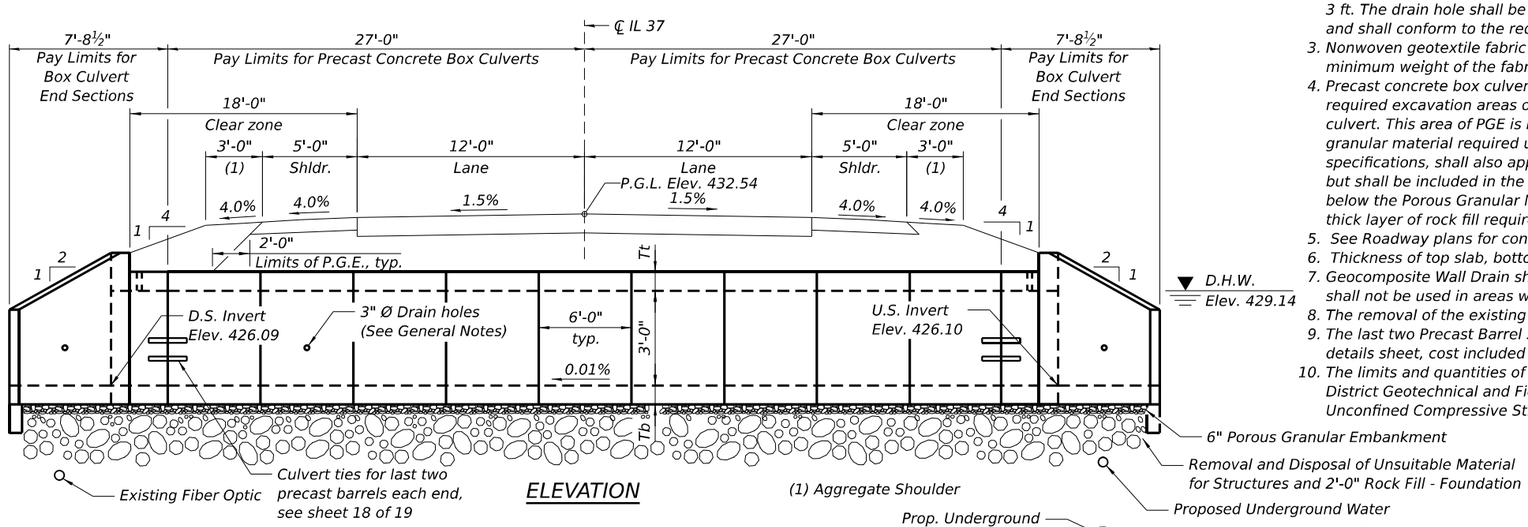
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	267
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: L:\IDOT\2200610-00\WO_09\Draw\Structures\CADD_Sheets\D978633-002-Culvert 122-GPE.dgn

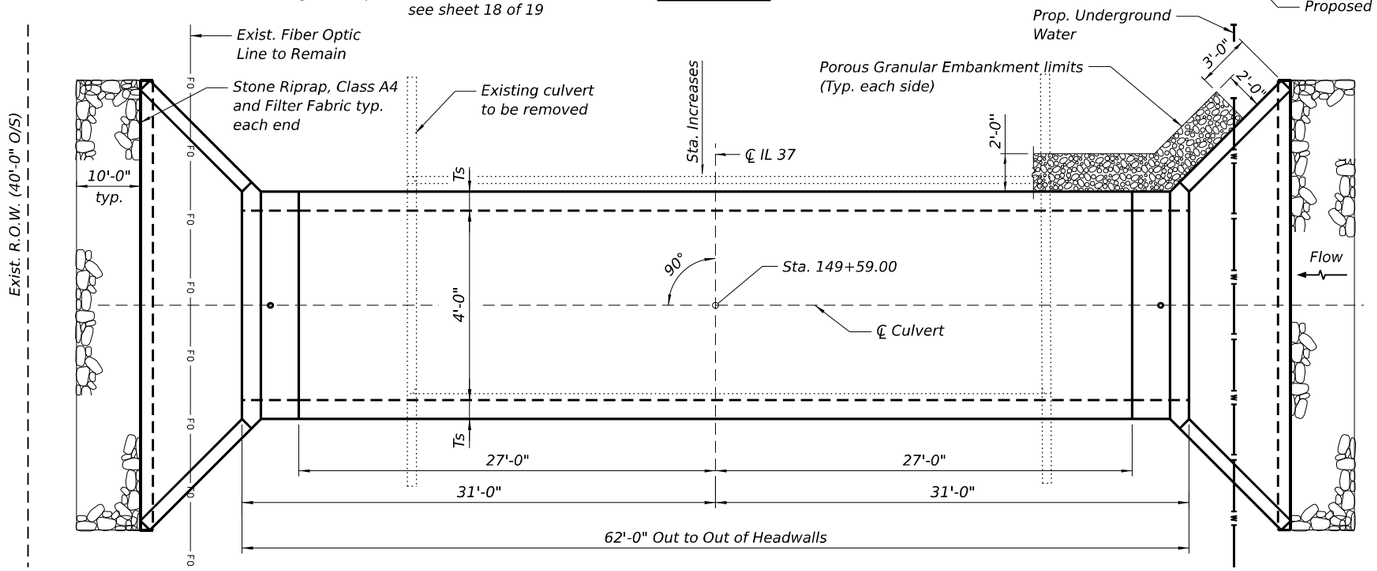
Existing Structure: The existing structure is a 36'-0" long, 4' x 3' concrete box culvert with parallel wing walls to be removed.

GENERAL NOTES

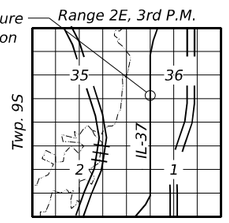
1. *The design fill height for this box is 2'-10". The precast box culvert sections shall conform to the requirements of ASTM C 1577.*
2. *Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.*
3. *Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.*
4. *Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.*
5. *See Roadway plans for construction staging details.*
6. *Thickness of top slab, bottom slab, and side walls to be determined by manufacturer.*
7. *Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.*
8. *The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 3.*
9. *The last two Precast Barrel Sections at each end shall be tied together using culvert ties as shown on the culvert tie details sheet, cost included in Precast Concrete Box culverts of the size specified in the plans.*
10. *The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.*



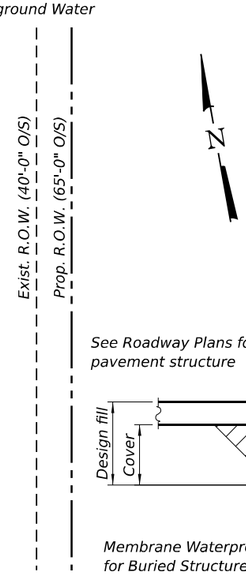
ELEVATION

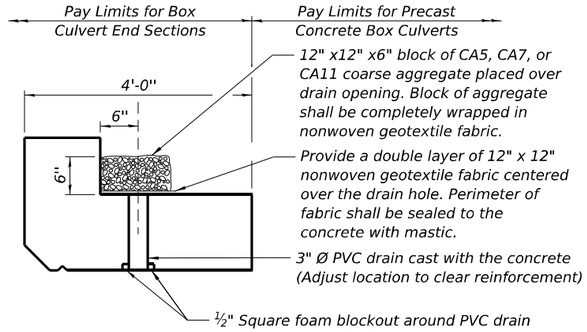


PLAN

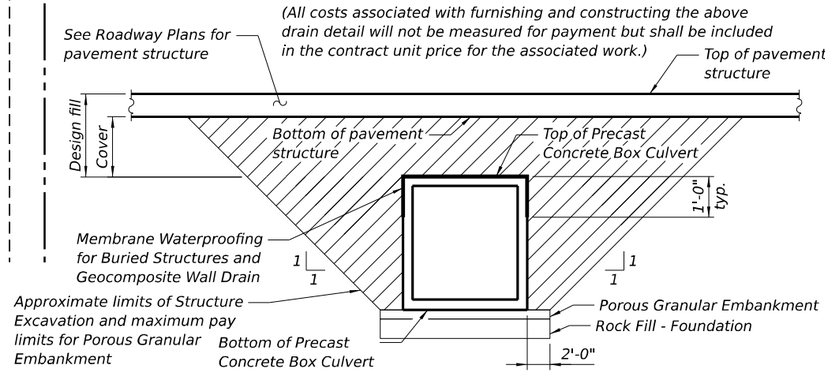


LOCATION SKETCH





DRAIN DETAIL



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)

HYDRAULIC DATA

Drainage Area = 28.0 AC
Design Waterway Opening = 12.0 SF
Design Discharge = 41.9 CFS
Design Headwater Elevation = 429.14 FT
100 Year Discharge = 50.3 CFS
100 Year Headwater Elevation = 429.45 FT

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

DESIGN STRESSES

PRECAST UNITS

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

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	106.4
Stone Riprap, Class A4	Sq. Yd.	29
Filter Fabric	Sq. Yd.	29
Removal of Existing Structures No. 3	Each	1
Structure Excavation	Cu. Yd.	299.6
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	58.3
Box Culvert End Sections, Culvert No. 3	Each	2
Precast Concrete Box Culverts, 4' x 3'	Foot	54
Geocomposite Wall Drain	Sq. Yd.	47
Membrane Waterproofing System For Buried Structures	Sq. Yd.	47
Rock Fill - Foundation	Ton	68

DESIGNED PROFESSIONAL ENGINEER * DEREK A. COCHRAN 062-072558 * STATE OF ILLINOIS

Derek A. Cochran 10/1/2024

Exp. Date 11/30/2024

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

GENERAL PLAN AND ELEVATION IL-37 OVER DITCH F.A.S. RTE. 2887 SEC. 113R-1 WILLIAMSON COUNTY STATION 149+59.00

FILE NAME: L:\IDOT\2200066\10-00\WD_09\Draw\Structures\CADD_Sheets\D9786833-003-Culvert 149-GPE.dgn

CMT License No. 184-000613

USER NAME = byoung	DESIGNED - VT	REVISED -	
	DRAWN - VT	REVISED -	
PLOT SCALE = N/A	CHECKED - JMM	REVISED -	
PLOT DATE = 9/30/2024	DATE - 03/29/2024	REVISED -	

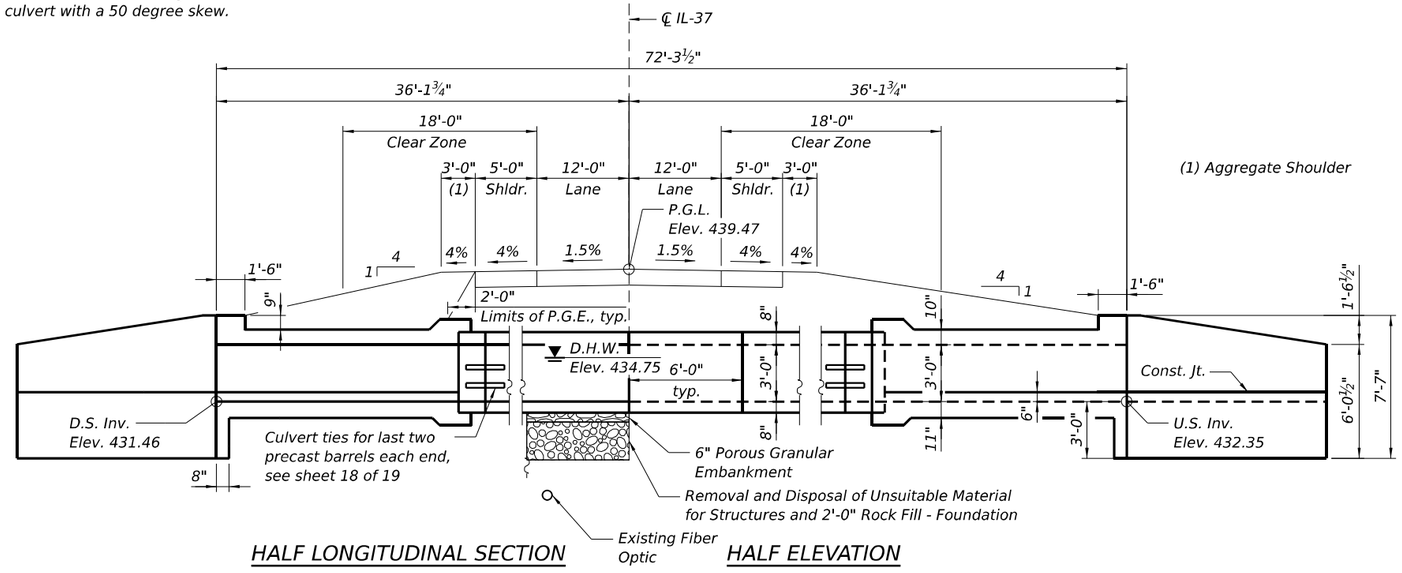
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STA. 149+59.00

SCALE: | SHEET 3 OF 19 SHEETS | STA. | TO STA.

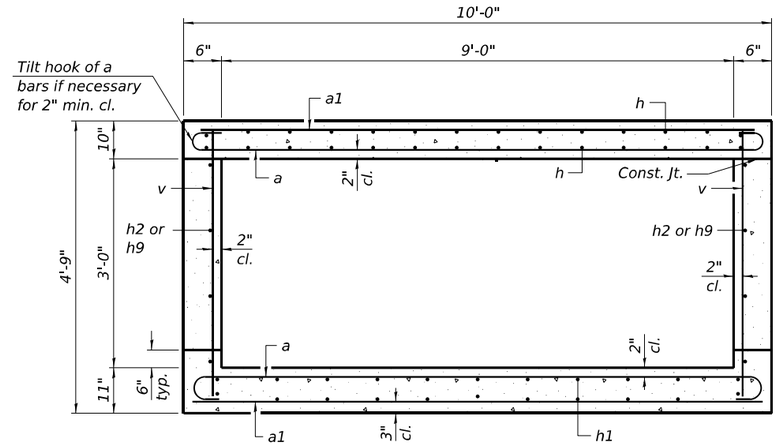
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	268
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

Existing Structure: S.N. 100-7108 is a single barrel reinforced 9' x 3' culvert with a 50 degree skew.



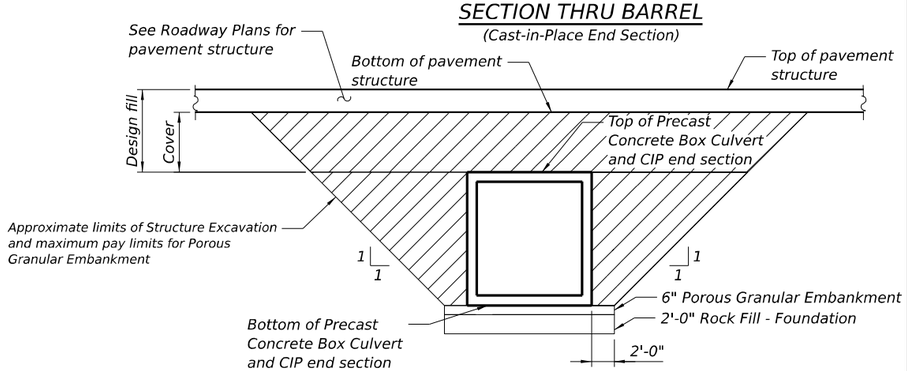
HALF LONGITUDINAL SECTION HALF ELEVATION

(Dimensions at Rt. ∠'s to ℄ Roadway)



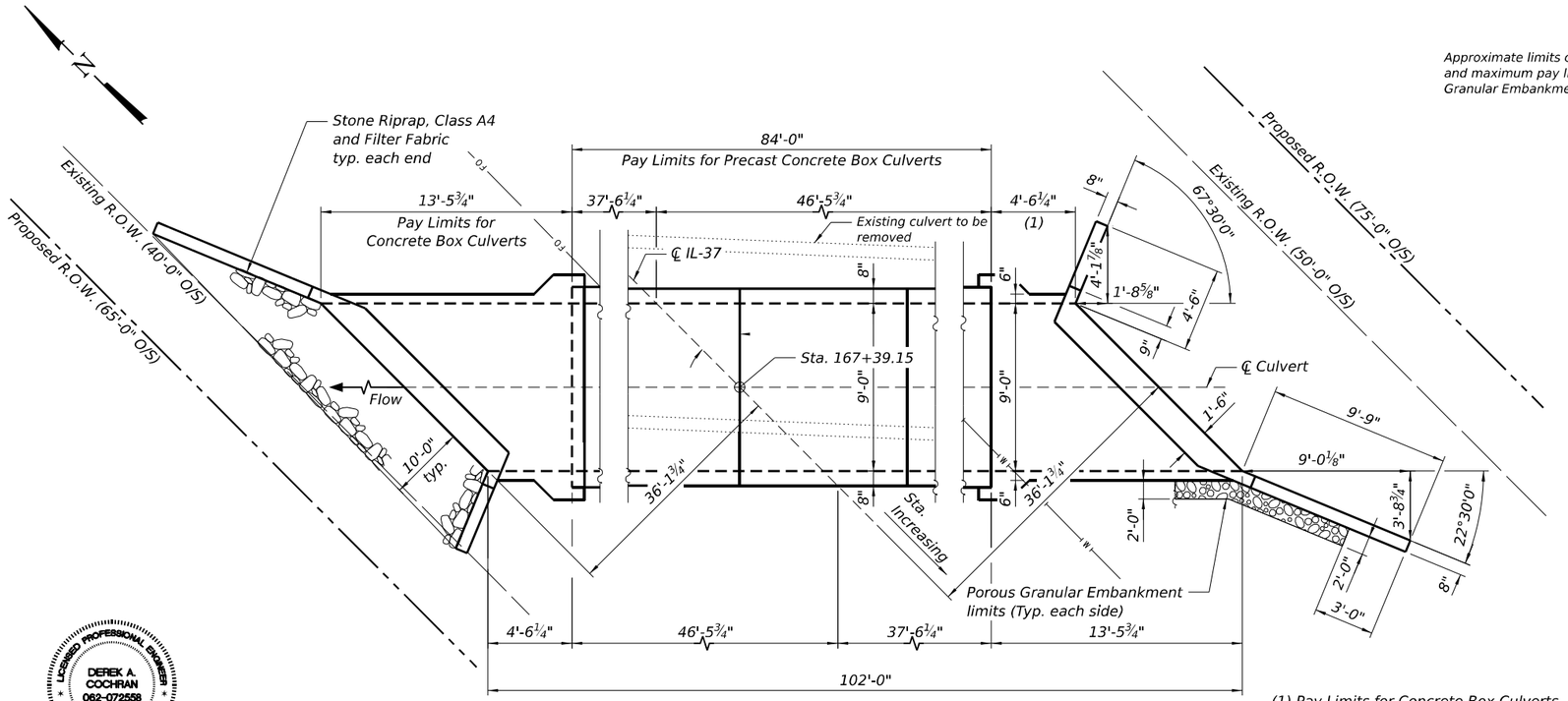
SECTION THRU BARREL

(Cast-in-Place End Section)



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)



(1) Pay Limits for Concrete Box Culverts

PLAN

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi

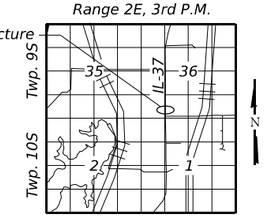
PRECAST UNITS

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

HYDRAULIC DATA

Drainage Area = 60.2 acres
Design Waterway Opening = 21.6 sq. ft.
Design Discharge = 132.3 cfs
Design Headwater Elevation = 434.75 ft
100 Year Discharge = 149.7 cfs
100 Year Headwater Elevation = 435.03 ft

Range 2E, 3rd P.M.



LOCATION SKETCH

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

LICENSED PROFESSIONAL ENGINEER
DEREK A. COCHRAN
062-072558
STATE OF ILLINOIS

Exp. Date 11/30/2024

GENERAL PLAN & ELEVATION
IL-37 OVER DITCH
F.A.S. RTE. 2887 SECTION 113R-1
WILLIAMSON COUNTY
STATION 167+39.15
STRUCTURE NO. 100-7108

FILE NAME: L:\IDOT\22006610-00\WO_09\Draw\Structures\CADD_Sheets\D978633-004-Culvert 167-GPE.dgn

CMT
License No. 184-000613 (Copyright CMT, Inc.)

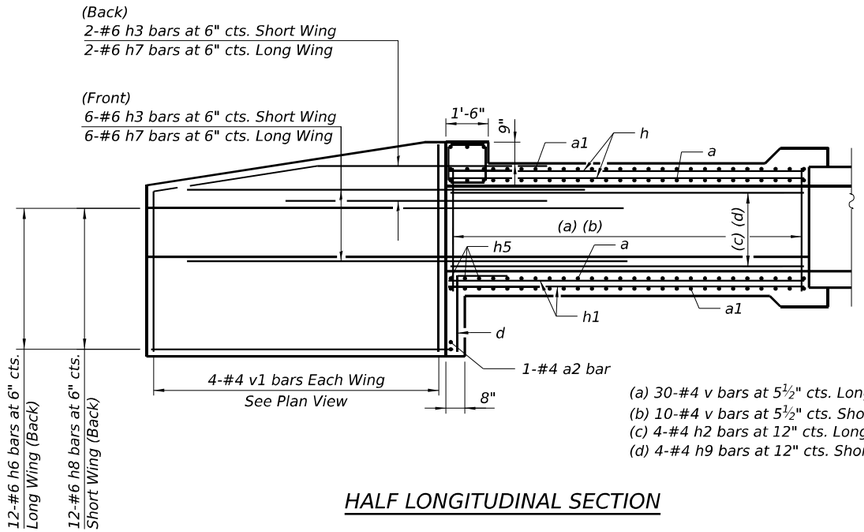
USER NAME = bholland	DESIGNED - BLH	REVISED -	
	DRAWN - BLH	REVISED -	
PLOT SCALE = N/A	CHECKED - DAC	REVISED -	
PLOT DATE = 3/29/2024	DATE - 03/29/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 100-7108

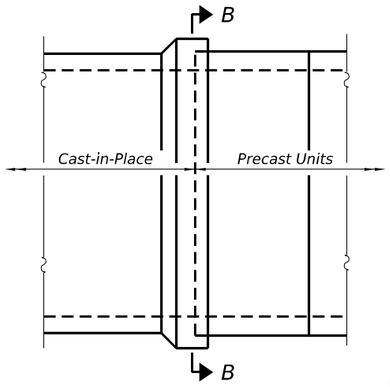
SCALE: | SHEET 4 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	269
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		

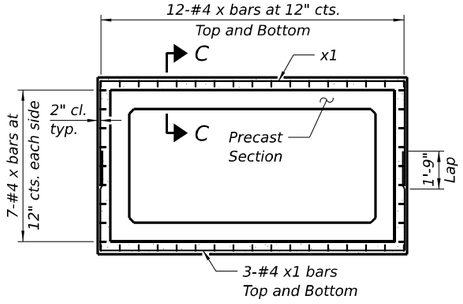


HALF LONGITUDINAL SECTION

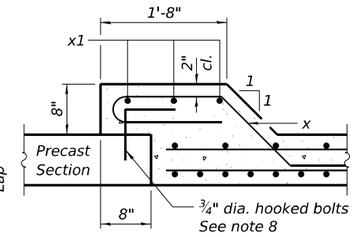
(a) 30-#4 v bars at 5½" cts. Long Wall
(b) 10-#4 v bars at 5½" cts. Short Wall
(c) 4-#4 h2 bars at 12" cts. Long Wall
(d) 4-#4 h9 bars at 12" cts. Short Wall



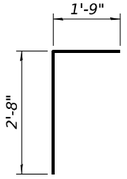
PRECAST TO CAST-IN-PLACE CONNECTION COLLAR



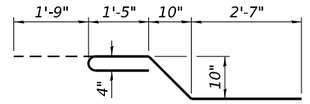
SECTION B-B



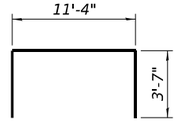
SECTION C-C



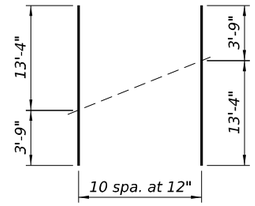
BAR d



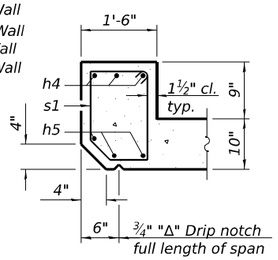
BAR x



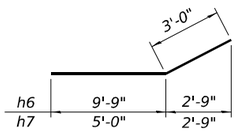
BAR x1



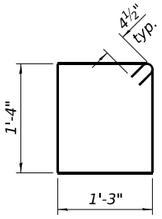
CUTTING DIAGRAM FOR h and h1 BARS



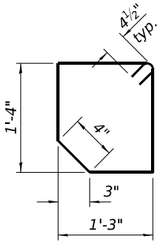
UPSTREAM



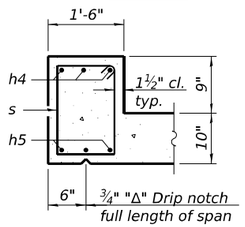
BARS h6 & h7



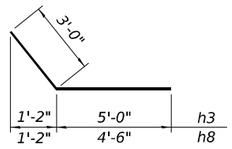
BAR s



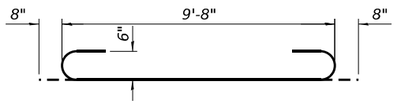
BAR s1



DOWNSTREAM

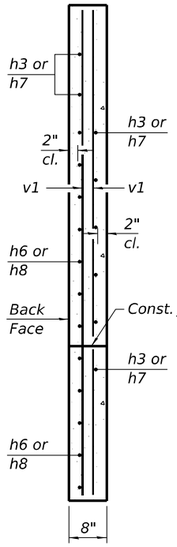


BARS h3 & h8

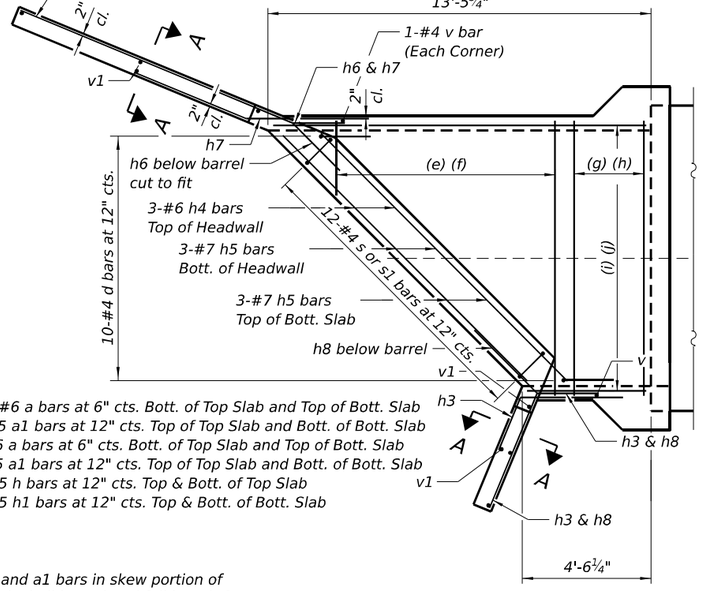


BAR a

SECTION THRU HEADWALL



SECTION A-A



(e) *17-#6 a bars at 6" cts. Bott. of Top Slab and Top of Bott. Slab
(f) *9-#5 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(g) 8-#6 a bars at 6" cts. Bott. of Top Slab and Top of Bott. Slab
(h) 4-#5 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(i) 11-#5 h bars at 12" cts. Top & Bott. of Top Slab
(j) 11-#5 h1 bars at 12" cts. Top & Bott. of Bott. Slab

* a and a1 bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

PLAN

(West end shown, east end similar by 180° rotation)

GENERAL NOTES

1. The design fill height for this box is 3'-9". The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
3. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately, but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.
4. See Roadway plans for construction staging details.
5. Precast box culvert manufacturer to verify thickness of top slab, bottom slab, and sidewalls.
6. The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 4.
7. Contractor shall retain the backfill material during the construction of the CIP end sections, cost included in Porous Granular Embankment.
8. The cast-in-place end section shall be tied to the precast barrel at each end using expansion bolts spaced as shown on sheet 19 of 19. Expansion bolts shall be ¾" diameter hooked bolts bent in the field as needed. Cost included in Precast Concrete Box Culverts of the size specified in the plans.
9. A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
10. The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	66	#6	11'-0"	
a1	34	#5	9'-8"	
a2	2	#4	13'-10"	
d	20	#4	4'-5"	
h	22	#5	17'-1"	
h1	22	#5	17'-1"	
h2	8	#4	13'-2"	
h3	16	#6	8'-0"	
h4	6	#6	13'-10"	
h5	12	#7	13'-10"	
h6	24	#6	12'-9"	
h7	16	#6	8'-0"	
h8	24	#6	7'-6"	
h9	8	#4	4'-2"	
s	12	#4	5'-11"	
s1	12	#4	5'-9"	
v	84	#4	4'-5"	
v1	16	#4	7'-3"	
x	76	#4	7'-0"	
x1	12	#4	18'-6"	

Porous Granular Embankment	Cu. Yd.	220.6
Stone Riprap, Class A4	Sq. Yd.	40
Filter Fabric	Sq. Yd.	40
Removal of Existing Structures No. 4	Each	1
Structure Excavation	Cu. Yd.	924.4
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	137.5
Reinforcement Bars	Pound	4890
Concrete Box Culverts	Cu. Yd.	23.4
Precast Concrete Box Culverts 9' x 3'	Foot	84
Rock Fill - Foundation	Ton	159

FILE NAME: ...\IDOT\2200610-00\WO_09\Draw Structures\CADD_Sheets\D9786333-005-Culvert 167-Culvert Details.dgn

CMT
License No. 184-000613

USER NAME = bholland	DESIGNED - BLH	REVISED -	
	DRAWN - BLH	REVISED -	
PLOT SCALE = N/A	CHECKED - DAC	REVISED -	
PLOT DATE = 3/27/2024	DATE - 03/29/2024	REVISED -	

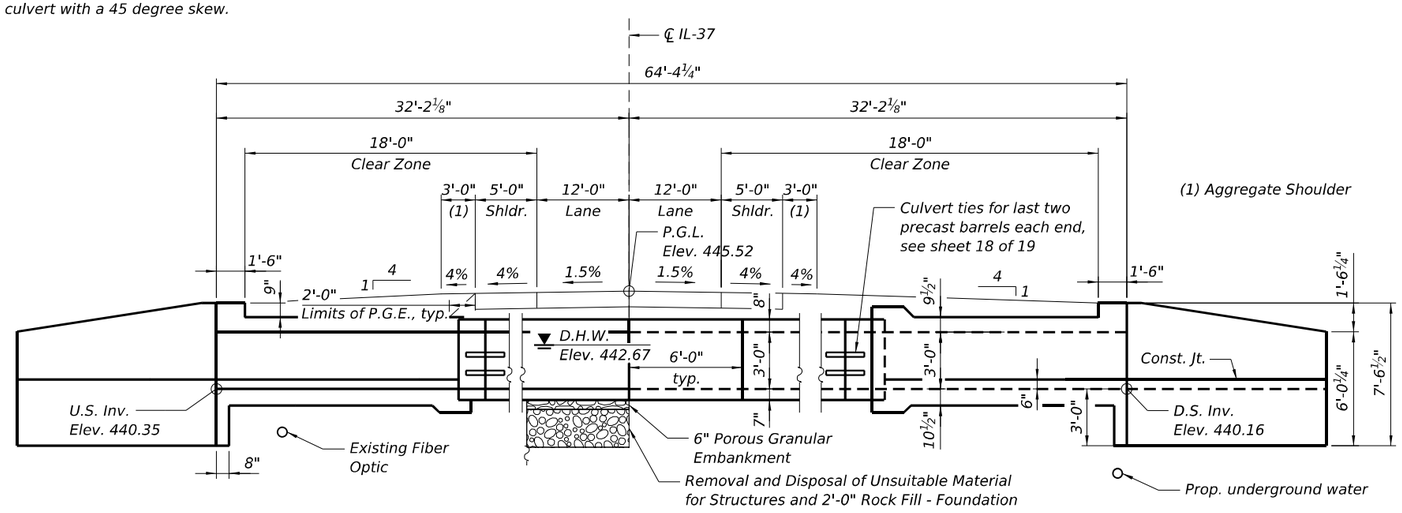
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
STRUCTURE NO. 100-7108

SCALE: | SHEET 5 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	270
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		

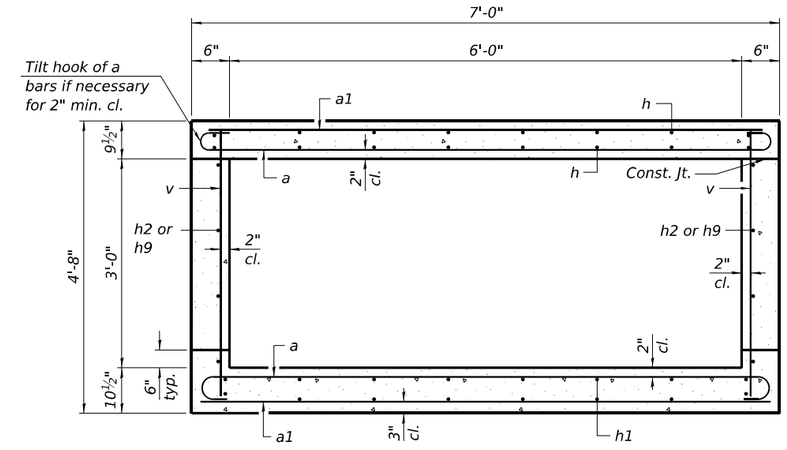
Existing Structure: S.N. 100-7107 is a single barrel reinforced 6' x 3' culvert with a 45 degree skew.



HALF LONGITUDINAL SECTION

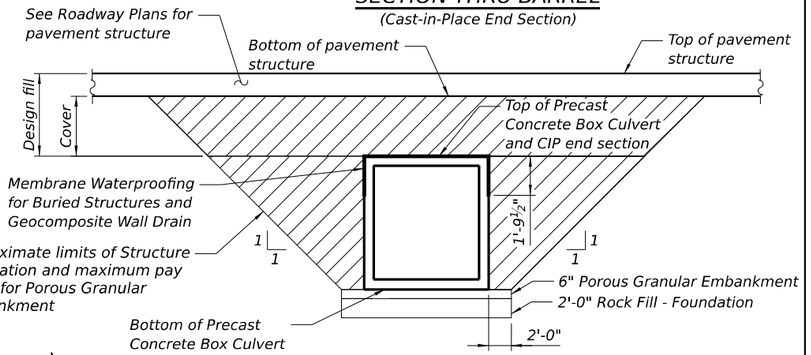
HALF ELEVATION

(Dimensions at Rt. ∠'s to ℄ Roadway)



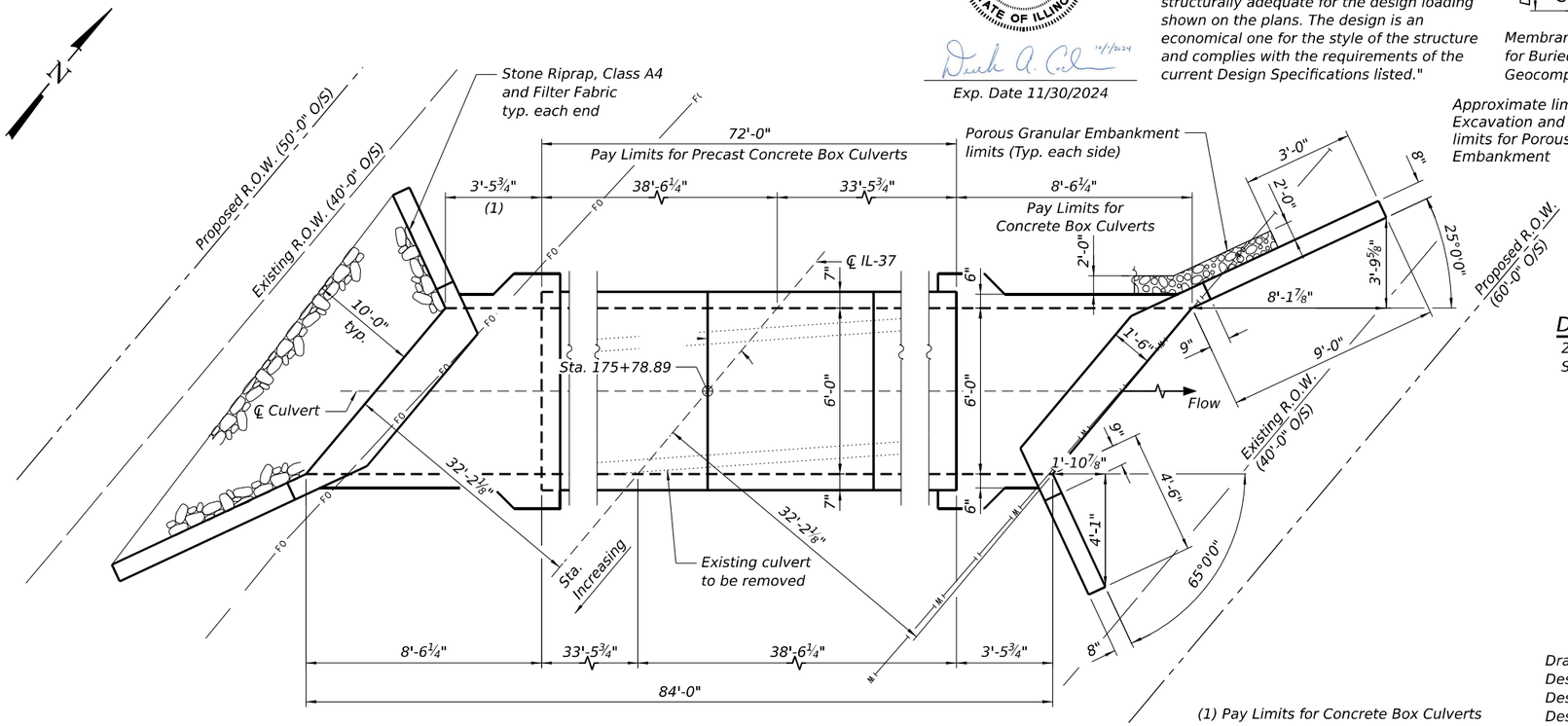
SECTION THRU BARREL

(Cast-in-Place End Section)



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)



(1) Pay Limits for Concrete Box Culverts

PLAN

LOCATION SKETCH

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi

PRECAST UNITS

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

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

HYDRAULIC DATA

Drainage Area = 15.7 acres
Design Waterway Opening = 13.9 sq. ft.
Design Discharge = 43.9 cfs
Design Headwater Elevation = 442.67 ft
100 Year Discharge = 49.7 cfs
100 Year Headwater Elevation = 442.84 ft

LICENSED PROFESSIONAL ENGINEER
DEREK A. COCHRAN
062-072558
STATE OF ILLINOIS

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

12/1/2024

Exp. Date 11/30/2024

GENERAL PLAN & ELEVATION
IL-37 OVER DITCH
F.A.S. RTE. 2887 SECTION 113R-1
WILLIAMSON COUNTY
STATION 175+78.89
STRUCTURE NO. 100-7107

FILE NAME: L:\IDOT22006610-001WO_09\Draw\Structures\CADD_Sheets\D978633-006-Culvert 175-GPE.dgn

CMT
License No. 184-000613

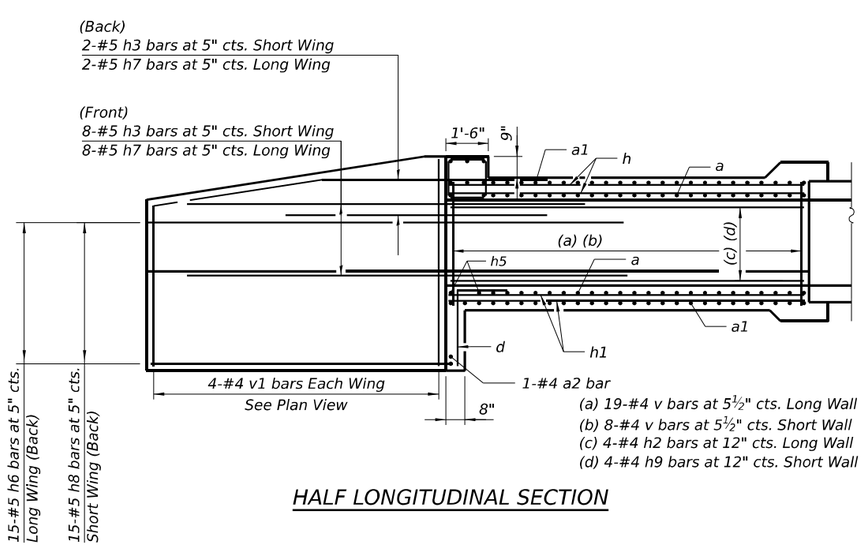
USER NAME = bholland	DESIGNED - BLH	REVISED -	
	DRAWN - BLH	REVISED -	
PLOT SCALE = N/A	CHECKED - DAC	REVISED -	
PLOT DATE = 3/29/2024	DATE - 03/29/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 100-7107

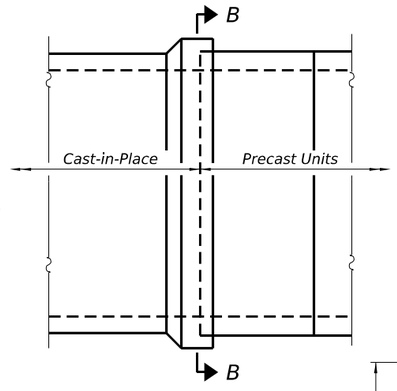
SCALE: | SHEET 6 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	271
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

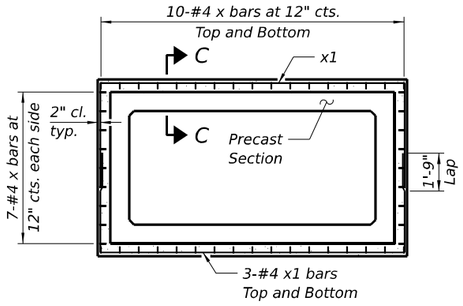


HALF LONGITUDINAL SECTION

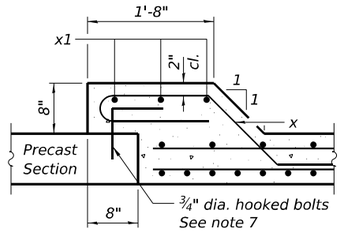
(a) 19-#4 v bars at 5½" cts. Long Wall
(b) 8-#4 v bars at 5½" cts. Short Wall
(c) 4-#4 h2 bars at 12" cts. Long Wall
(d) 4-#4 h9 bars at 12" cts. Short Wall



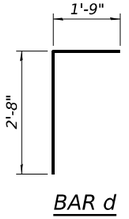
PRECAST TO CAST-IN-PLACE CONNECTION COLLAR



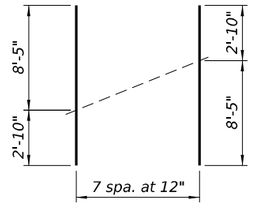
SECTION B-B



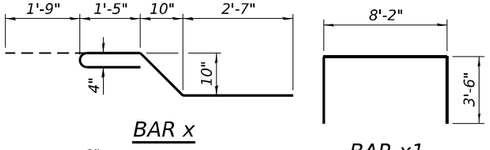
SECTION C-C



BAR d

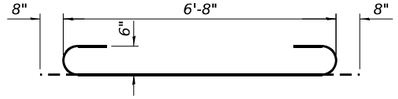


CUTTING DIAGRAM FOR h and h1 BARS

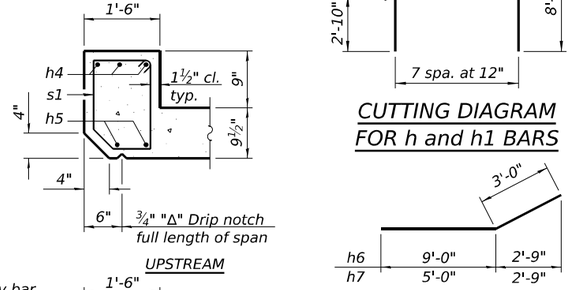


BAR x

BAR x1

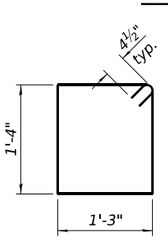


BAR a

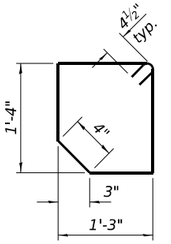


SECTION THRU HEADWALL

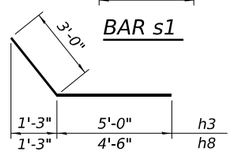
BARS h6 & h7



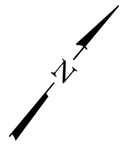
BAR s

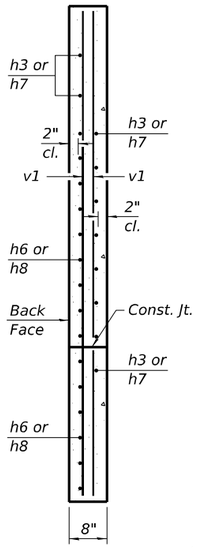


BAR s1

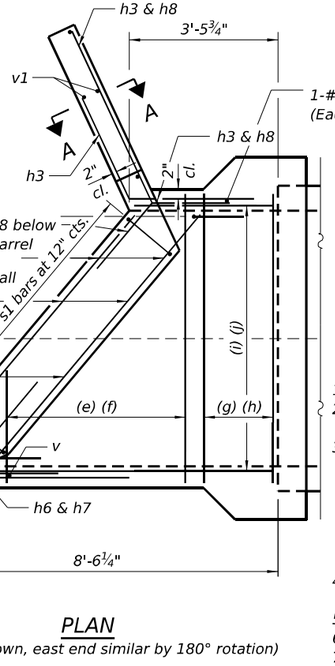


BARS h3 & h8





SECTION A-A



PLAN

(West end shown, east end similar by 180° rotation)

(e) *7-#6 a bars at 7" cts. Bott. of Top Slab and Top of Bott. Slab
(f) *4-#5 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(g) 6-#6 a bars at 7" cts. Bott. of Top Slab and Top of Bott. Slab
(h) 4-#5 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(i) 8-#5 h bars at 12" cts. Top & Bott. of Top Slab
(j) 8-#5 h1 bars at 12" cts. Top & Bott. of Bott. Slab

* a and a1 bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

GENERAL NOTES

1. The design fill height for this box is 1'-2". The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
3. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.
4. Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.
5. The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 5.
6. Contractor shall retain the backfill material during the construction of the CIP end sections, cost included in Porous Granular Embankment.
7. The cast-in-place end section shall be tied to the precast barrel at each end using expansion bolts spaced as shown on sheet 19 of 19. Expansion bolts shall be ¾" diameter hooked bolts bent in the field as needed. Cost included in Precast Concrete Box Culverts of the size specified in the plans.
8. See Roadway plans for construction staging details.
9. Precast box culvert manufacturer to verify thickness of top slab, bottom slab, and sidewalls.
10. A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
11. The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	38	#6	8'-0"	
a1	24	#5	6'-8"	
a2	2	#4	8'-10"	
d	14	#4	4'-5"	
h	16	#5	11'-3"	
h1	16	#5	11'-3"	
h2	8	#4	8'-2"	
h3	20	#5	8'-0"	
h4	6	#6	8'-10"	
h5	8	#7	8'-10"	
h6	30	#5	12'-0"	
h7	20	#5	8'-0"	
h8	30	#5	7'-6"	
h9	8	#4	3'-2"	
s	7	#4	5'-11"	
s1	7	#4	5'-9"	
v	58	#4	4'-4"	
v1	16	#4	7'-2"	
x	68	#4	7'-0"	
x1	12	#4	15'-2"	

Porous Granular Embankment	Cu. Yd.	91.4
Stone Riprap, Class A4	Sq. Yd.	28
Filter Fabric	Sq. Yd.	28
Removal of Existing Structures No. 5	Each	1
Structure Excavation	Cu. Yd.	370.5
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	87.2
Reinforcement Bars	Pound	3020
Concrete Box Culverts	Cu. Yd.	15.2
Precast Concrete Box Culverts 6' x 3'	Foot	72
Geocomposite Wall Drain	Sq. Yd.	99
Membrane Waterproofing System for Buried Structures	Sq. Yd.	99
Rock Fill - Foundation	Ton	103

FILE NAME: ...\IDOT\2200610-00\WO_09\Drawn Structures\CADD_Sheets\D9786333-2007-Culvert 175-Culvert Details.dgn

CMT
License No. 184-000613

USER NAME = bholland	DESIGNED - BLH	REVISED -	
	DRAWN - BLH	REVISED -	
PLOT SCALE = N/A	CHECKED - DAC	REVISED -	
PLOT DATE = 3/29/2024	DATE - 03/29/2024	REVISED -	

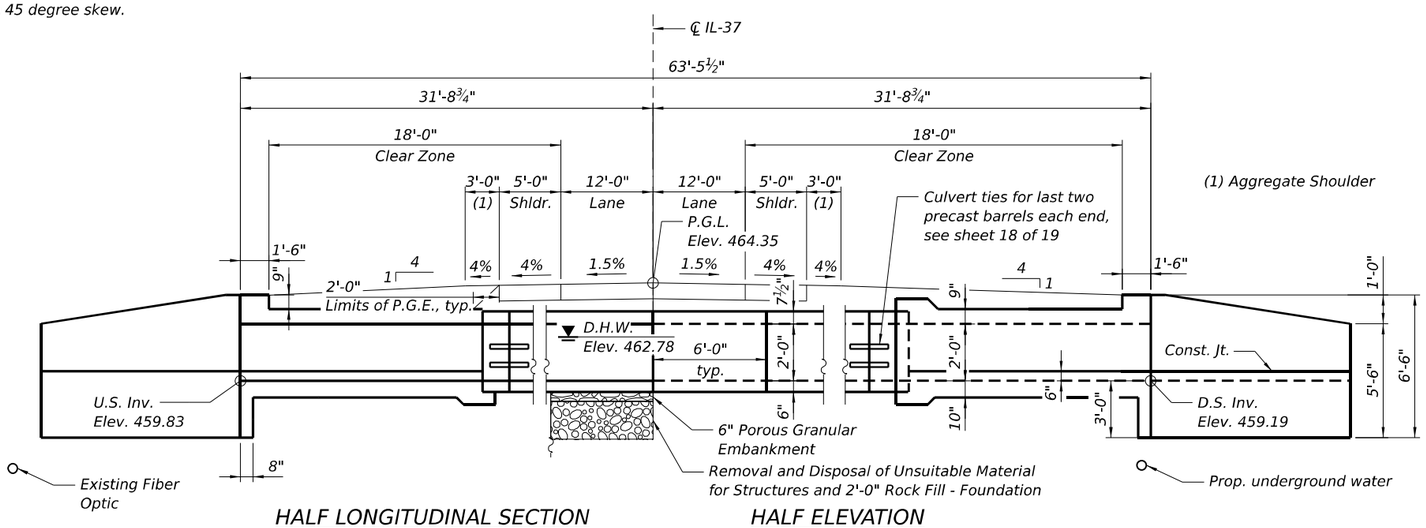
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
STRUCTURE NO. 100-7107

SCALE: | SHEET 7 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	272
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

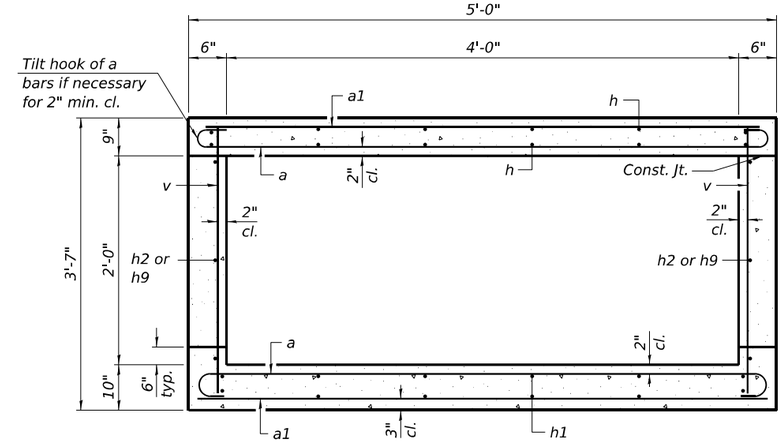
Existing Structure: A single barrel reinforced 4' x 2' culvert with a 45 degree skew.



HALF LONGITUDINAL SECTION

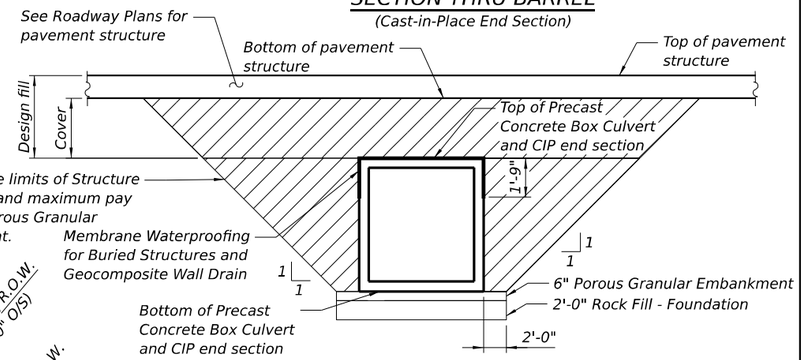
HALF ELEVATION

(Dimensions at Rt. ∠'s to ℄ Roadway)



SECTION THRU BARREL

(Cast-in-Place End Section)



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

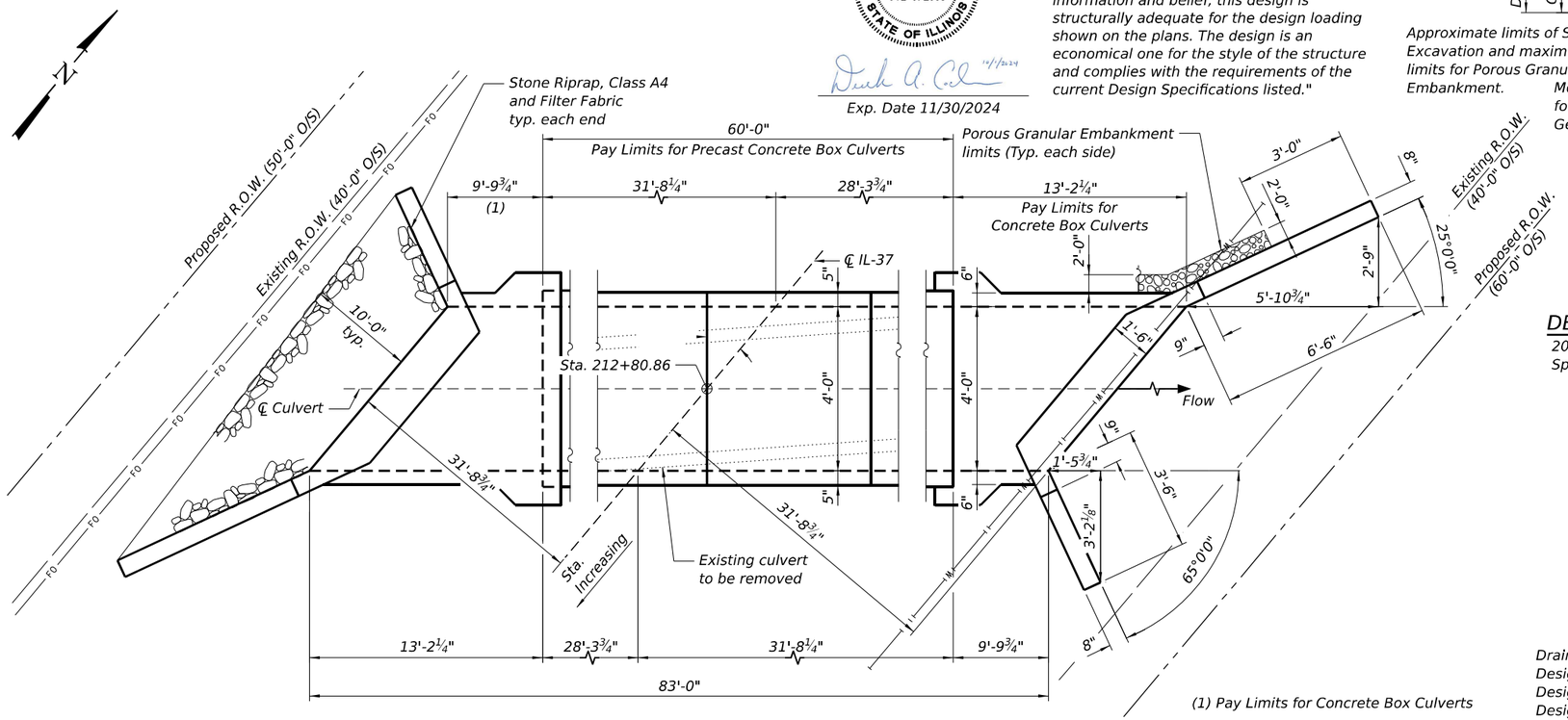
(Hatched area)

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

LICENSED PROFESSIONAL ENGINEER
DEREK A. COCHRAN
062-072558
STATE OF ILLINOIS

10/1/2024

Exp. Date 11/30/2024



(1) Pay Limits for Concrete Box Culverts

PLAN

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi

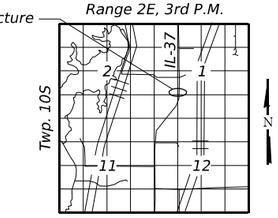
PRECAST UNITS

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

HYDRAULIC DATA

Drainage Area = 17.6 acres
Design Waterway Opening = 8 sq. ft.
Design Discharge = 50.2 cfs
Design Headwater Elevation = 462.78 ft
100 Year Discharge = 56.8 cfs
100 Year Headwater Elevation = 463.28 ft

Proposed Structure



LOCATION SKETCH

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

GENERAL PLAN & ELEVATION
IL-37 OVER DITCH
F.A.S. RTE. 2887 SECTION 113R-1
WILLIAMSON COUNTY
STATION 212+80.86

FILE NAME: L:\IDOT\220066\10-00\WD_09\Draw Structures\CADD_Sheets\D9786333-008-Culvert 212-GPE.dgn

CMT
License No. 184-000613 Copyright CMT, Inc.

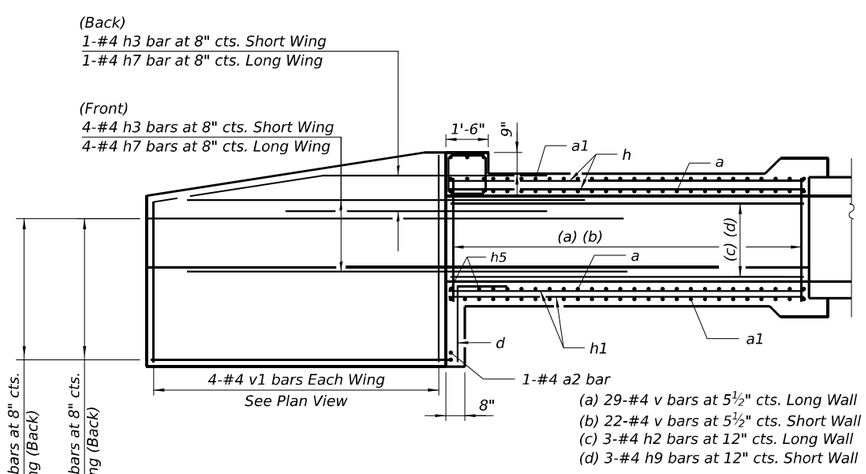
USER NAME = bholland		DESIGNED - BLH		REVISED -	
		DRAWN - BLH		REVISED -	
PLOT SCALE = N/A		CHECKED - DAC		REVISED -	
PLOT DATE = 3/29/2024		DATE - 03/29/2024		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STA. 212+80.86

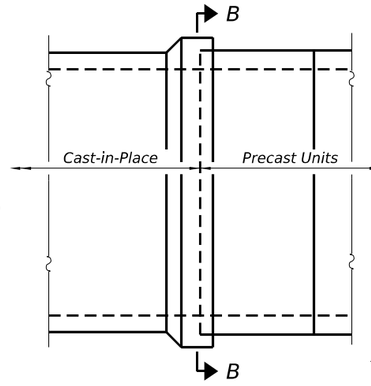
SCALE: | SHEET 8 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	273
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

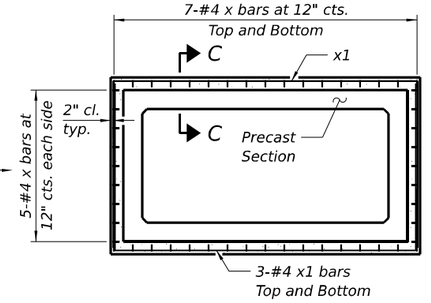


HALF LONGITUDINAL SECTION

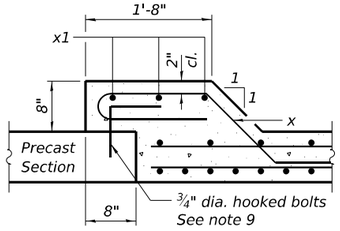
(a) 29-#4 v bars at 5½" cts. Long Wall
(b) 22-#4 v bars at 5½" cts. Short Wall
(c) 3-#4 h2 bars at 12" cts. Long Wall
(d) 3-#4 h9 bars at 12" cts. Short Wall



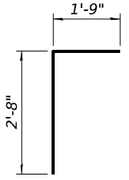
PRECAST TO CAST-IN-PLACE CONNECTION COLLAR



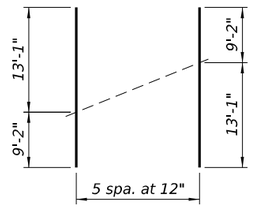
SECTION B-B



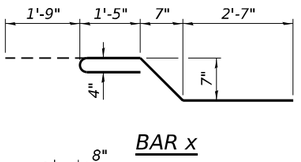
SECTION C-C



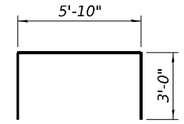
BAR d



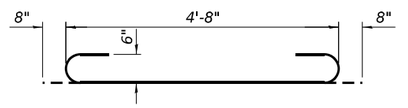
CUTTING DIAGRAM FOR h and h1 BARS



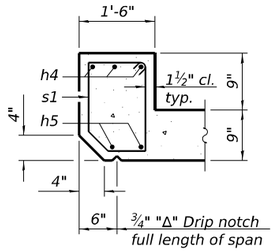
BAR x



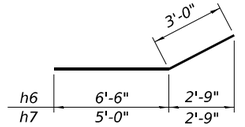
BAR x1



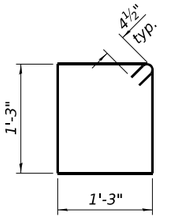
BAR a



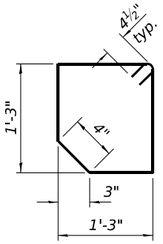
UPSTREAM



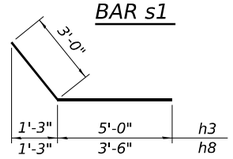
BARS h6 & h7



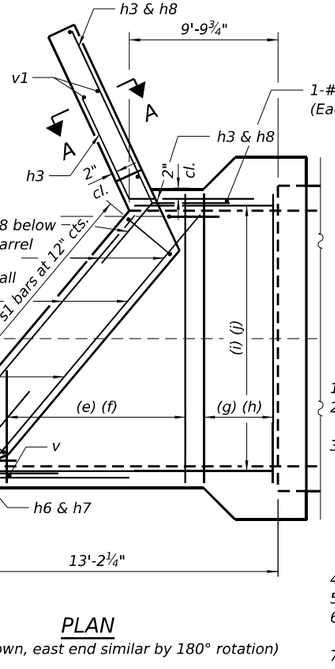
BAR s



BAR s1

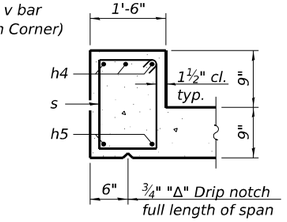


BARS h3 & h8



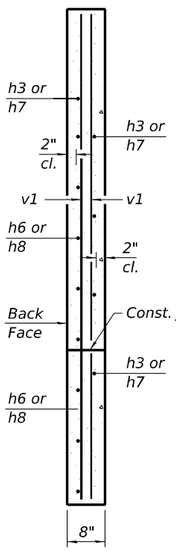
PLAN

(West end shown, east end similar by 180° rotation)



DOWNSTREAM

SECTION THRU HEADWALL



SECTION A-A

(e) *6-#6 a bars at 6" cts. Bott. of Top Slab and Top of Bott. Slab
(f) *3-#5 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(g) 19-#6 a bars at 6" cts. Bott. of Top Slab and Top of Bott. Slab
(h) 10-#5 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(i) 6-#5 h bars at 12" cts. Top & Bott. of Top Slab
(j) 6-#5 h1 bars at 12" cts. Top & Bott. of Bott. Slab

* a and a1 bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

GENERAL NOTES

1. The design fill height for this box is 2'-4". The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
3. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.
4. See Roadway plans for construction staging details.
5. Precast box culvert manufacturer to verify thickness of top slab, bottom slab, and sidewalls.
6. Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in area where it overlaps Membrane Waterproofing System for Buried Structures.
7. The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 6.
8. Contractor shall retain the backfill material during the construtrion of the CIP end sections, cost included in Porous Granular Embankment.
9. The cast-in-place end section shall be tied to the precast barrel at each end using expansion bolts spaced as shown on sheet 19 of 19. Expansion bolts shall be ¾" diameter hooked bolts bent in the field as needed. Cost included in Precast Concrete Box Culverts of the size specified in the plans.
10. A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
11. The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	88	#6	6'-0"	
a1	46	#5	4'-8"	
a2	2	#4	6'-2"	
d	10	#4	4'-5"	
h	12	#5	22'-3"	
h1	12	#5	22'-3"	
h2	6	#4	13'-1"	
h3	10	#4	8'-0"	
h4	6	#6	6'-2"	
h5	8	#7	6'-2"	
h6	16	#4	9'-6"	
h7	10	#4	8'-0"	
h8	16	#4	6'-6"	
h9	6	#4	9'-2"	
s	7	#4	5'-9"	
s1	7	#4	5'-7"	
v	106	#4	3'-3"	
v1	16	#4	6'-2"	
x	48	#4	6'-7"	
x1	12	#4	11'-10"	
Porous Granular Embankment	Cu. Yd.	98.2		
Stone Riprap, Class A4	Sq. Yd.	40		
Filter Fabric	Sq. Yd.	40		
Removal of Existing Structures No. 6	Each	1		
Structure Excavation	Cu. Yd.	336.7		
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	70.2		
Reinforcement Bars	Pound	2800		
Concrete Box Culverts	Cu. Yd.	14.3		
Precast Concrete Box Culverts 4' x 2'	Foot	60		
Geocomposite Wall Drain	Sq. Yd.	78		
Membrane Waterproofing System for Buried Structures	Sq. Yd.	78		
Rock Fill - Foundation	Ton	83		

FILE NAME: L:\IDOT22006610-00\WO_09\Draw\Structures\CADD_Sheets\D978633-009-Culvert 212-Culvert Details.dgn

CMT
License No. 184-000613

USER NAME = bholland	DESIGNED - BLH	REVISED -	
	DRAWN - BLH	REVISED -	
PLOT SCALE = N/A	CHECKED - DAC	REVISED -	
PLOT DATE = 3/29/2024	DATE - 03/29/2024	REVISED -	

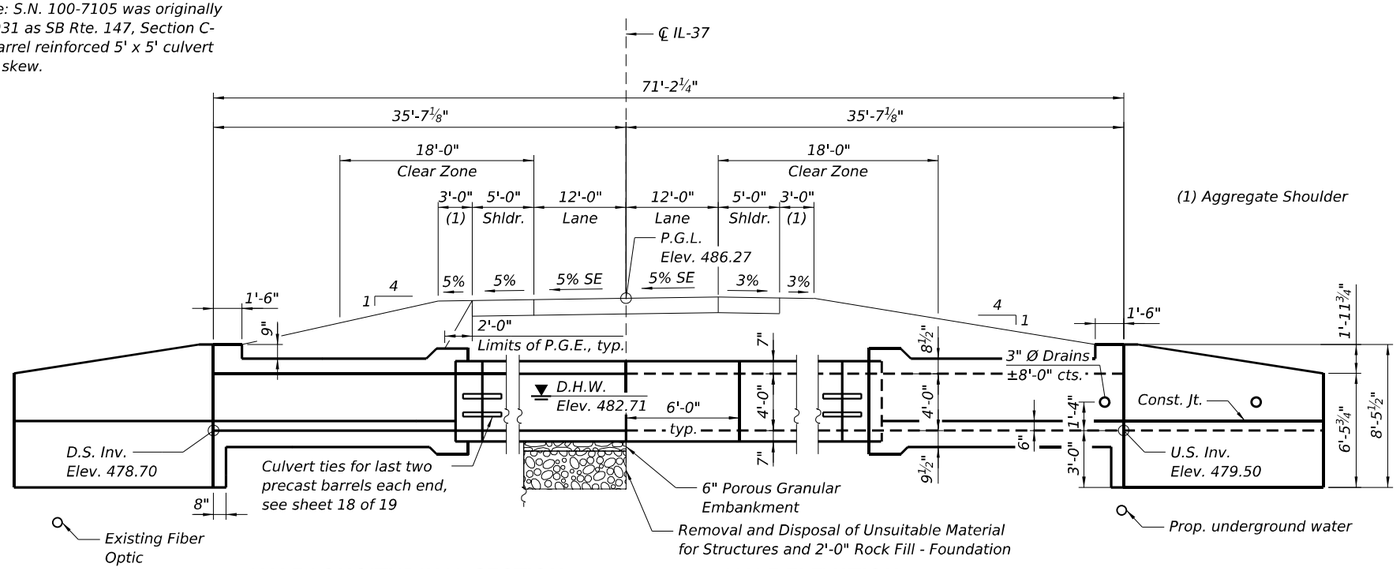
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
STA. 212+80.86

SCALE: | SHEET 9 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	274
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

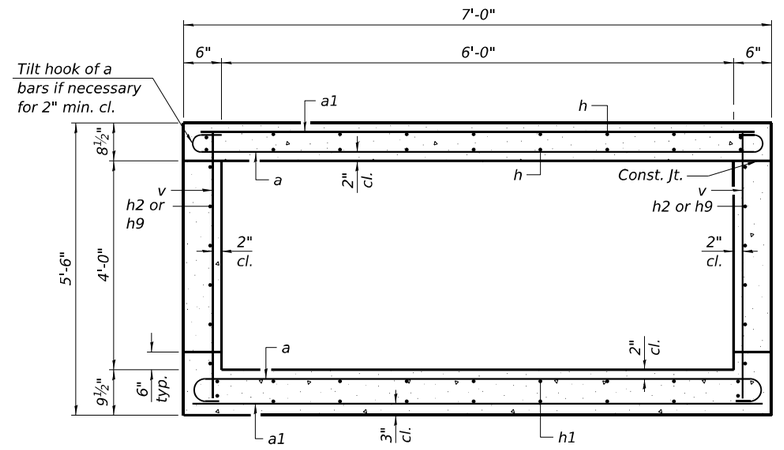
Existing Structure: S.N. 100-7105 was originally constructed in 1931 as SB Rte. 147, Section C-113-A, a single barrel reinforced 5' x 5' culvert with a 45 degree skew.



HALF LONGITUDINAL SECTION

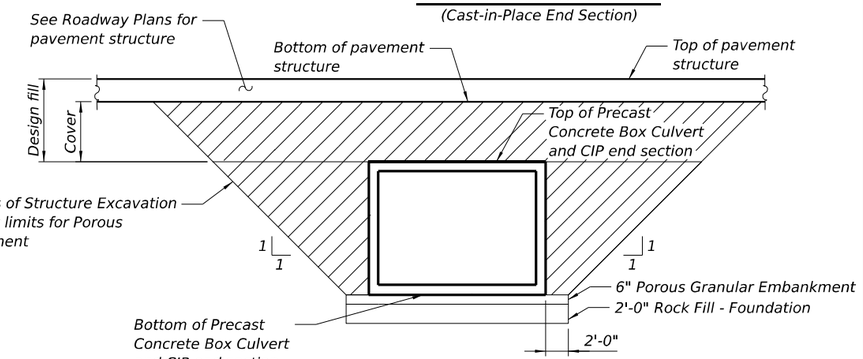
HALF ELEVATION

(Dimensions at Rt. ∠'s to ℄ Roadway)



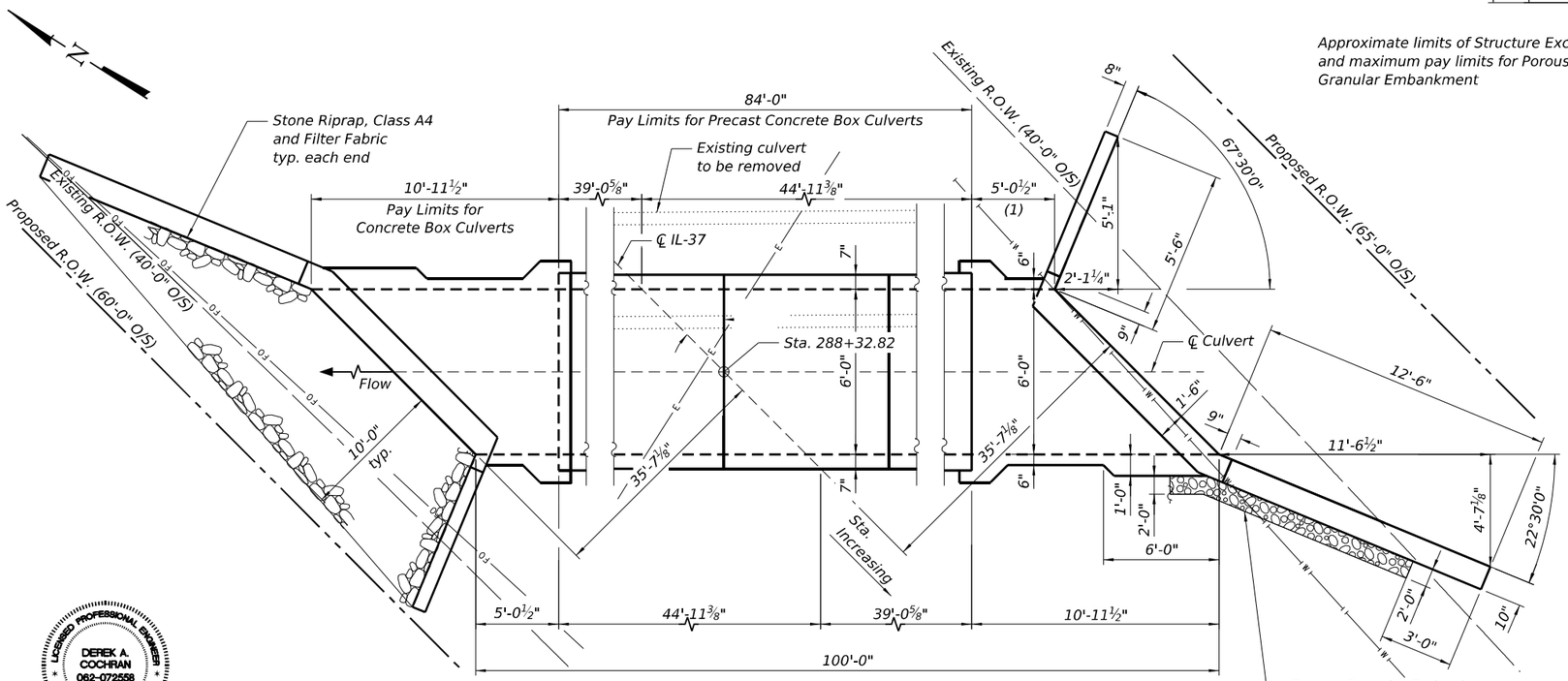
SECTION THRU BARREL

(Cast-in-Place End Section)



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)



PLAN

(1) Pay Limits for Concrete Box Culverts

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS

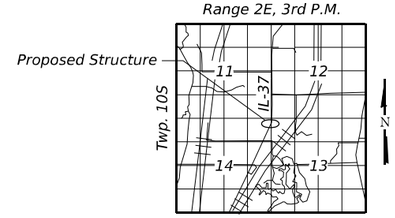
f'c = 3,500 psi
fy = 60,000 psi

PRECAST UNITS

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

HYDRAULIC DATA

Drainage Area = 52.4 acres
Design Waterway Opening = 81.7 sq. ft.
Design Discharge = 82.4 cfs
Design Headwater Elevation = 482.71 ft
100 Year Discharge = 93.4 cfs
100 Year Headwater Elevation = 482.94 ft



LOCATION SKETCH

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

LICENSED PROFESSIONAL ENGINEER
DEREK A. COCHRAN
062-072558
STATE OF ILLINOIS

Exp. Date 11/30/2024

GENERAL PLAN & ELEVATION
IL-37 OVER DITCH
F.A.S. RTE. 2887 SECTION 113R-1
WILLIAMSON COUNTY
STATION 288+32.82
STRUCTURE NO. 100-7105

FILE NAME: L:\IDOT\220086\10-00\WO_09\Draw\Structures\CADD_Sheets\D9786334-0110-Culvert 288-GPE.dgn

CMT
License No. 184-000613 Copyright CMT, Inc.

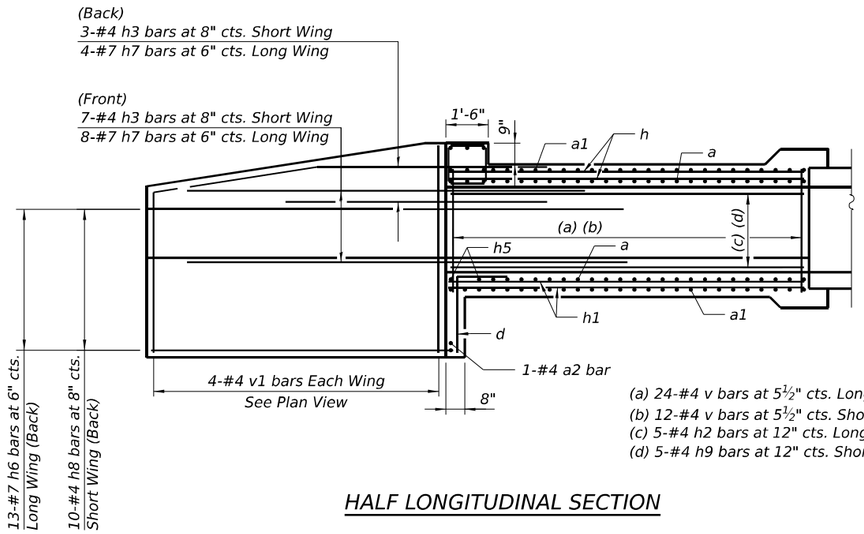
USER NAME = bholland	DESIGNED - BLH	REVISED -	
	DRAWN - BLH	REVISED -	
PLOT SCALE = N/A	CHECKED - DAC	REVISED -	
PLOT DATE = 3/29/2024	DATE - 03/29/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

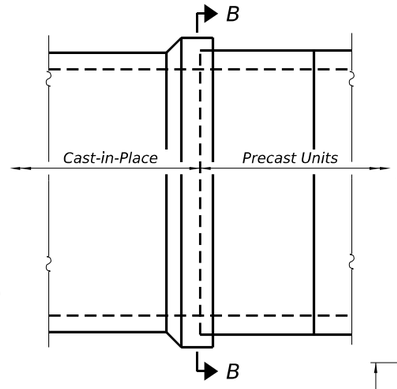
GENERAL PLAN AND ELEVATION
STRUCTURE NO. 100-7105

SCALE: | SHEET 10 OF 19 SHEETS | STA. | TO STA.

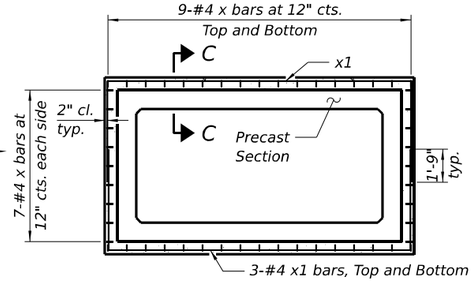
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	275
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	



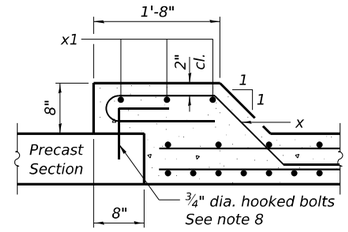
HALF LONGITUDINAL SECTION



PRECAST TO CAST-IN-PLACE CONNECTION COLLAR

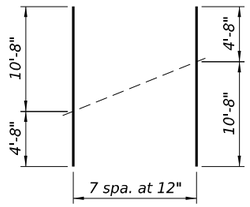


SECTION B-B

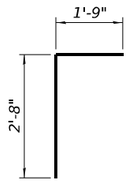


SECTION C-C

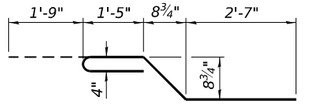
(a) 24-#4 v bars at 5½" cts. Long Wall
(b) 12-#4 v bars at 5½" cts. Short Wall
(c) 5-#4 h2 bars at 12" cts. Long Wall
(d) 5-#4 h9 bars at 12" cts. Short Wall



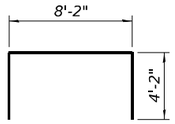
CUTTING DIAGRAM FOR h and h1 BARS



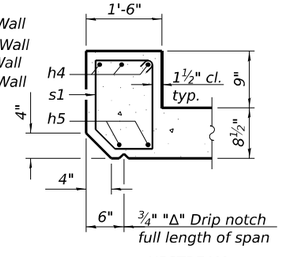
BAR d



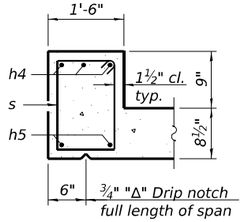
BAR x



BAR x1

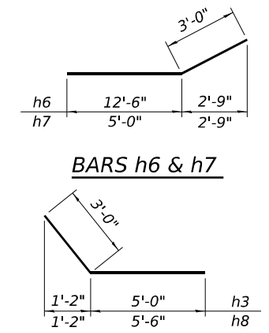


UPSTREAM



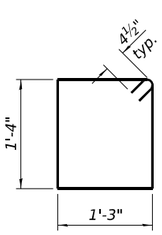
DOWNSTREAM

SECTION THRU HEADWALL

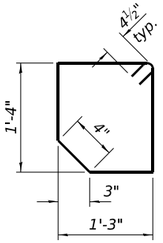


BARS h6 & h7

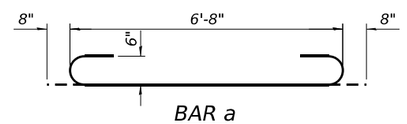
BARS h3 & h8



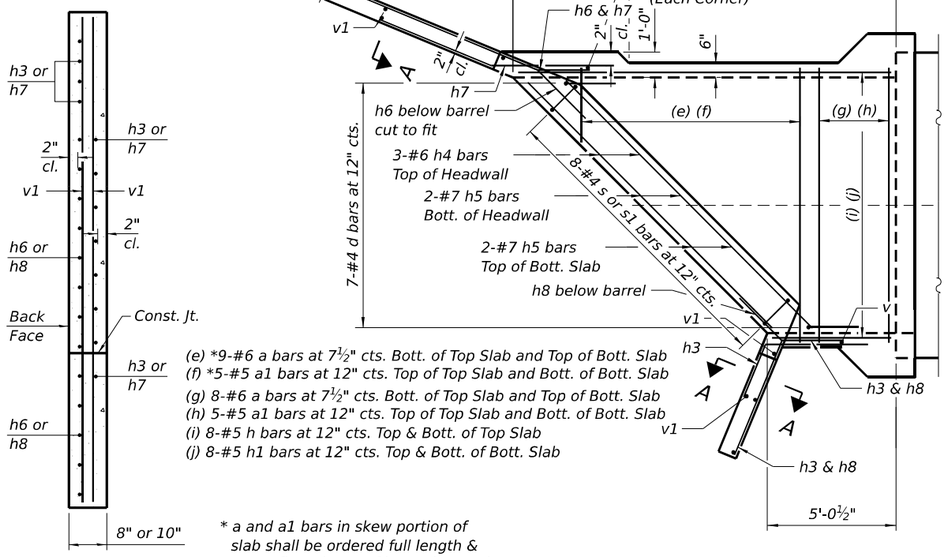
BAR s



BAR s1



BAR a



SECTION A-A

(e) *9-#6 a bars at 7½" cts. Bott. of Top Slab and Top of Bott. Slab
(f) *5-#5 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(g) 8-#6 a bars at 7½" cts. Bott. of Top Slab and Top of Bott. Slab
(h) 5-#5 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(i) 8-#5 h bars at 12" cts. Top & Bott. of Top Slab
(j) 8-#5 h1 bars at 12" cts. Top & Bott. of Bott. Slab

* a and a1 bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

PLAN

(West end shown, east end similar by 180° rotation)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	50	#6	8'-0"	
a1	30	#5	6'-8"	
a2	2	#4	9'-7"	
d	14	#4	4'-5"	
h	32	#5	15'-4"	
h1	32	#5	15'-4"	
h2	10	#4	10'-6"	
h3	20	#4	8'-0"	
h4	6	#6	9'-7"	
h5	8	#7	9'-7"	
h6	26	#7	15'-6"	
h7	24	#7	8'-0"	
h8	20	#4	8'-6"	
h9	10	#4	4'-6"	
s	8	#4	5'-11"	
s1	8	#4	5'-9"	
v	76	#4	5'-2"	
v1	16	#4	8'-2"	
x	64	#4	6'-9"	
x1	12	#4	16'-6"	
Porous Granular Embankment		Cu. Yd.	215.4	
Stone Riprap, Class A4		Sq. Yd.	34	
Filter Fabric		Sq. Yd.	34	
Removal of Existing Structures No. 7		Each	1	
Structure Excavation		Cu. Yd.	816.5	
Removal and Disposal of Unsuitable Material for Structures		Cu. Yd.	105.4	
Reinforcement Bars		Pound	4500	
Concrete Box Culverts		Cu. Yd.	20.8	
Precast Concrete Box Culvert 6' x 4'		Foot	84	
Rock Fill - Foundation		Ton	123	

GENERAL NOTES

1. The design fill height for this box is 3'-2". The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. Drain holes shall be provided on exterior culvert walls for each preast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
3. Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
4. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.
5. See Roadway plans for construction staging details.
6. The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 7.
7. Contractor shall retain the backfill material during the construction of the CIP end sections, cost included in Porous Granular Embankment.
8. The cast-in-place end section shall be tied to the precast barrel at each end using expansion bolts spaced as shown on sheet 19 of 19. Expansion bolts shall be ¾" diameter hooked bolts bent in the field as needed, cost included in Precast Concrete Box Culverts of the size specified in the plans.
9. Precast box culvert manufacturer to verify thickness of top slab, bottom slab, and sidewalls.
10. A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
11. The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.

FILE NAME: L:\IDOT\2200606\10-d0\WO_09\Draw\Structures\CADD_Sheets\D978633-011-Culvert 28ft-Culvert Details.dgn

CMT
License No. 184-000613 Copyright CMT, Inc.

USER NAME = dcochran	DESIGNED - BLH	REVISED -			
	DRAWN - BLH	REVISED -			
PLOT SCALE = N/A	CHECKED - DAC	REVISED -			
PLOT DATE = 10/1/2024	DATE - 03/29/2024	REVISED -			

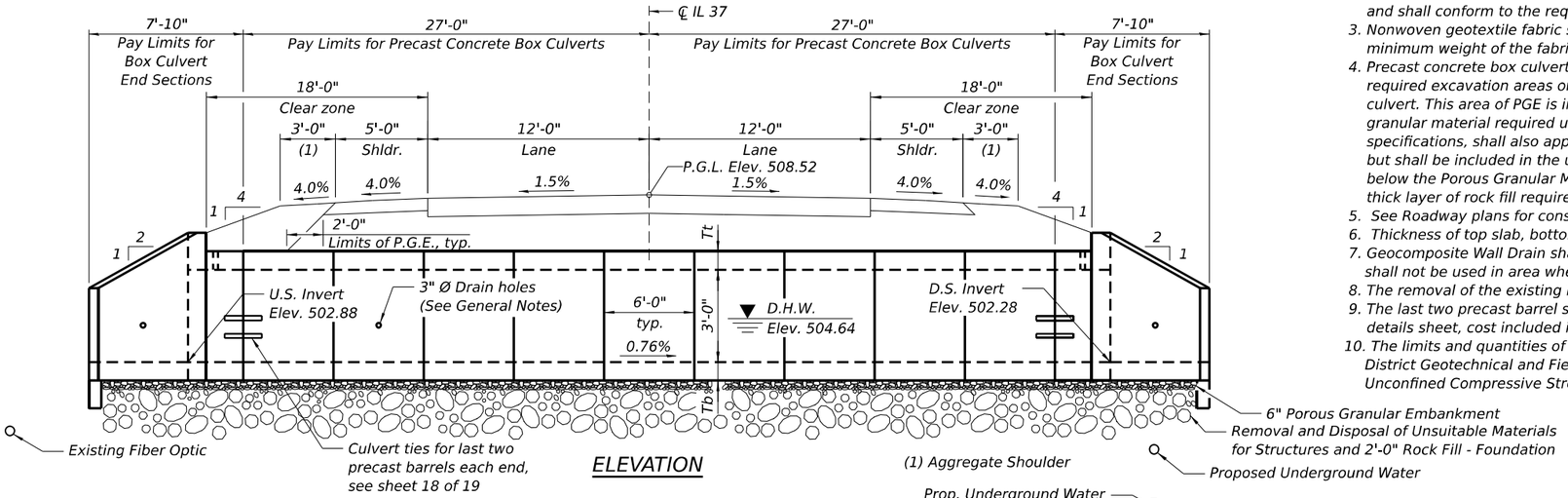
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
STRUCTURE NO. 100-7105

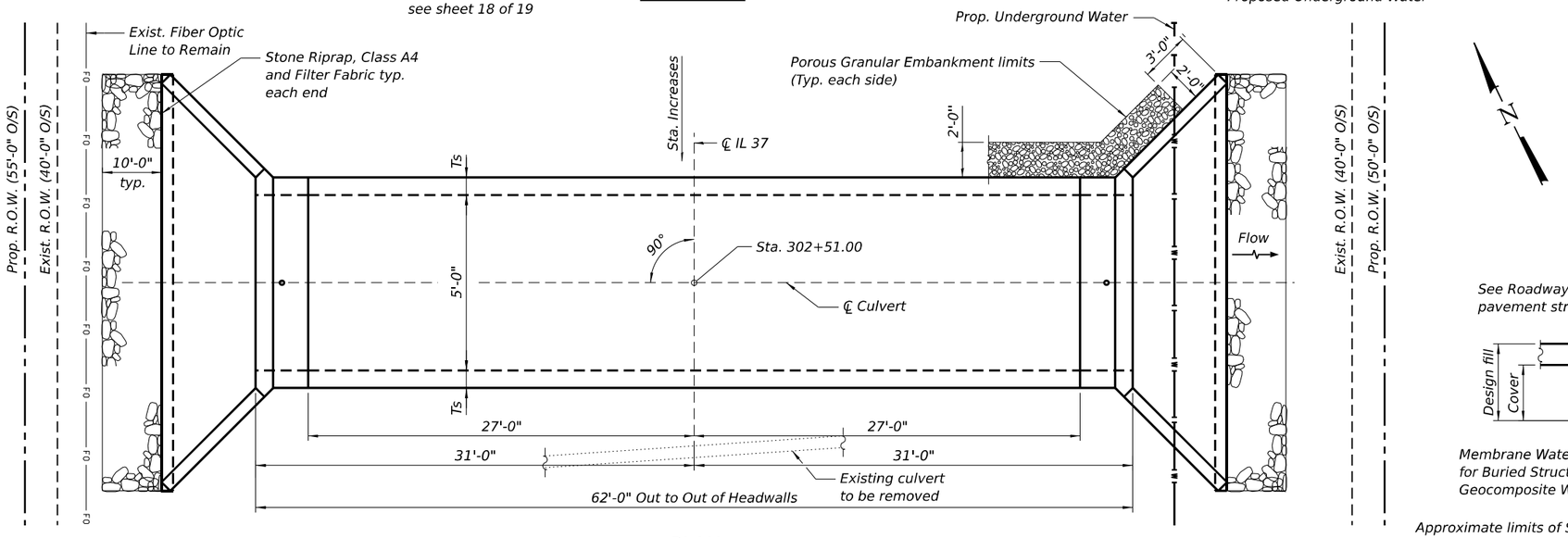
SCALE: | SHEET 11 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	276
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

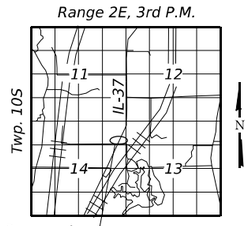
Existing Structure: S.N. 100-7104 was originally constructed in 1931 as SB Rte. 147, Section C-113-A, a single barrel reinforced 5' x 3' culvert with a 45 degree skew.



ELEVATION



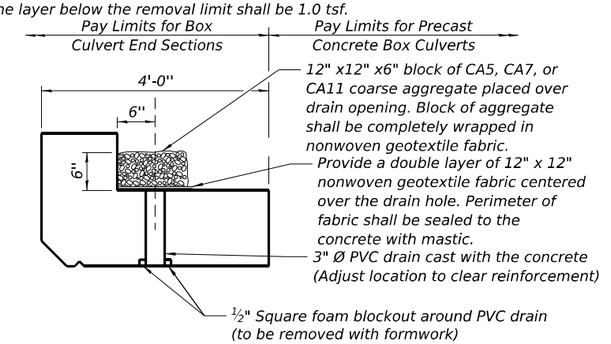
PLAN



LOCATION SKETCH

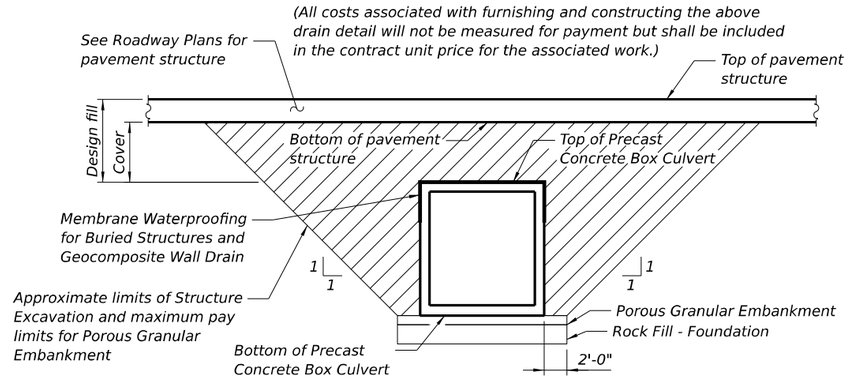
GENERAL NOTES

1. The design fill height for this box is 2'-2". The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
3. Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
4. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.
5. See Roadway plans for construction staging details.
6. Thickness of top slab, bottom slab, and side walls to be determined by manufacturer.
7. Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in area where it overlaps Membrane Waterproofing System for Buried Structures.
8. The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 8.
9. The last two precast barrel sections at each end shall be tied together using culvert ties as shown on the culvert tie details sheet, cost included in Precast Concrete Box Culverts of the size specified in the plans.
10. The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.



DRAIN DETAIL

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



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)

HYDRAULIC DATA

Drainage Area = 15.6 AC
Design Waterway Opening = 8.6 SF
Design Discharge = 31.5 CFS
Design Headwater Elevation = 504.64 FT
100 Year Discharge = 35.6 CFS
100 Year Headwater Elevation = 504.77 FT

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

DESIGN STRESSES

PRECAST UNITS

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

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	233.7
Stone Riprap, Class A4	Sq. Yd.	33
Filter Fabric	Sq. Yd.	33
Removal of Existing Structures No. 8	Each	1
Structure Excavation	Cu. Yd.	383.2
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	66.1
Box Culvert End Sections, Culvert No. 8	Each	2
Precast Concrete Box Culverts, 5' x 3'	Foot	54
Geocomposite Wall Drain	Sq. Yd.	55
Membrane Waterproofing System for Buried Structures	Sq. Yd.	55
Rock Fill - Foundation	Ton	77

LICENSED PROFESSIONAL ENGINEER
DEREK A. COCHRAN
062-072558
STATE OF ILLINOIS

10/1/2024

Exp. Date 11/30/2024

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

GENERAL PLAN AND ELEVATION
IL-37 OVER DITCH
F.A.S. RTE. 2887 SEC. 113R-1
WILLIAMSON COUNTY
STATION 302+51.00
STRUCTURE NO. 100-7104

FILE NAME: L:\IDOT\2200066\10-20\WO_09\Draw\Structures\CADD_Sheets\D9786333-012-Culvert 302-GPE.dgn

CMT
License No. 184-000613

USER NAME = bholland	DESIGNED - BLH	REVISED -	
	DRAWN - BLH	REVISED -	
PLOT SCALE = N/A	CHECKED - DAC	REVISED -	
PLOT DATE = 3/28/2024	DATE - 03/29/2024	REVISED -	

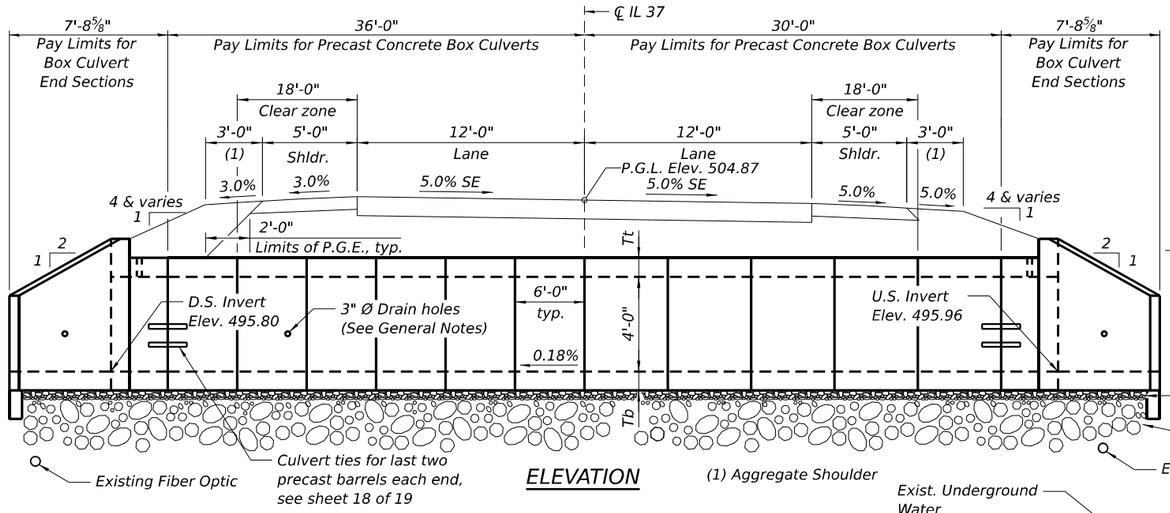
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 100-7104

SCALE: | SHEET 12 OF 19 SHEETS | STA. | TO STA.

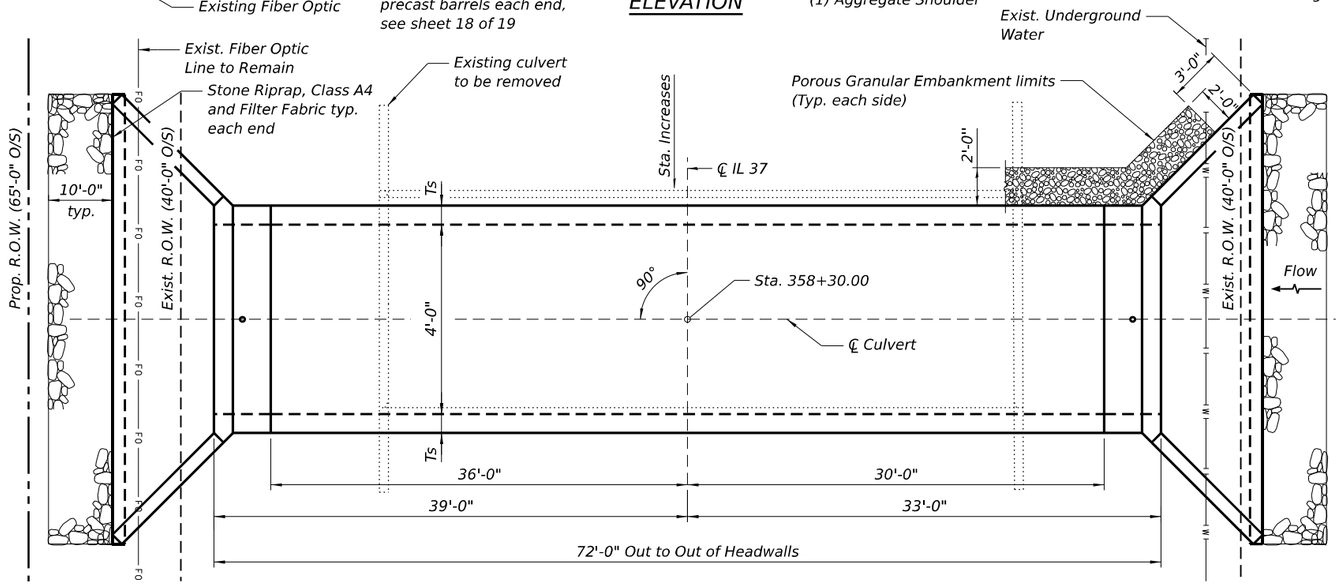
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	277
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

Existing Structure: The existing structure is a 45'-0" long, 4' x 4' concrete box culvert with parallel wing walls to be removed.



ELEVATION

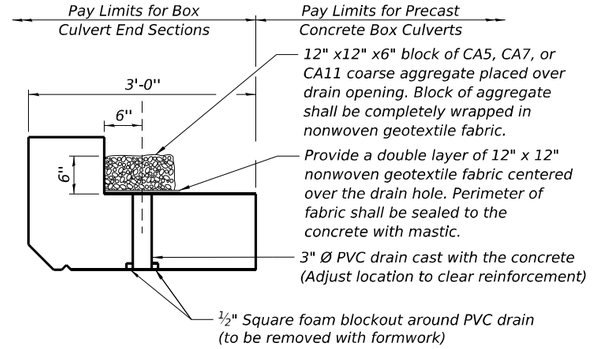
(1) Aggregate Shoulder



PLAN

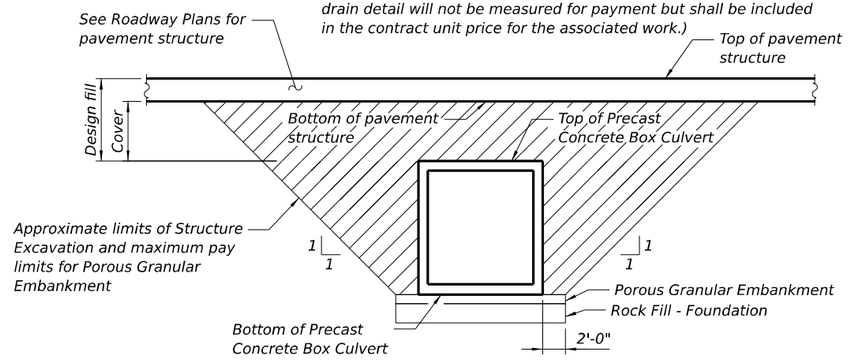
GENERAL NOTES

1. *The design fill height for this box is 4'-5". The precast box culvert sections shall conform to the requirements of ASTM C 1577.*
2. *Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.*
3. *Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.*
4. *Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.*
5. *See Roadway plans for construction staging details.*
6. *Thickness of top slab, bottom slab, and side walls to be determined by manufacturer.*
7. *The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 9.*
8. *The last two precast barrel sections at each end shall be tied together using culvert ties as shown on the culvert tie details sheet, cost included in Precast Concrete Box Culverts of the size specified in the plans.*
9. *The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.*



DRAIN DETAIL

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



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)

HYDRAULIC DATA

Drainage Area = 50.5 AC
Design Waterway Opening = 16.0 SF
Design Discharge = 126.1 CFS
Design Headwater Elevation = 501.08 FT
100 Year Discharge = 142.7 CFS
100 Year Headwater Elevation = 501.66 FT

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface

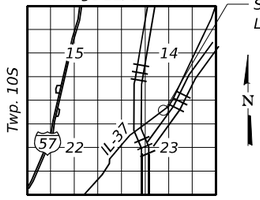
DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

DESIGN STRESSES

PRECAST UNITS

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



LOCATION SKETCH

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	210.7
Stone Riprap, Class A4	Sq. Yd.	34
Filter Fabric	Sq. Yd.	34
Removal of Existing Structures No. 9	Each	1
Structure Excavation	Cu. Yd.	525.6
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	69.4
Box Culvert End Sections, Culvert No. 9	Each	2
Precast Concrete Box Culverts, 4' x 4'	Foot	66
Rock Fill - Foundation	Ton	83

DESIGNED PROFESSIONAL ENGINEER
DEREK A. COCHRAN
062-072558
STATE OF ILLINOIS

10/1/2024

Exp. Date 11/30/2024

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

GENERAL PLAN AND ELEVATION
IL-37 OVER DITCH
F.A.S. RTE. 2887 SEC. 113R-1
WILLIAMSON COUNTY
STATION 358+30.00

FILE NAME: L:\IDOT\2200661\0-400\WO_09\Draw\Structures\CADD_Sheets\D9786633-013-Culvert 358-GPE.dgn

CMT
License No. 184-000613

USER NAME = dcochran	DESIGNED - VT	REVISED -	
	DRAWN - VT	REVISED -	
PLOT SCALE = N/A	CHECKED - JMM	REVISED -	
PLOT DATE = 10/1/2024	DATE - 03/29/2024	REVISED -	

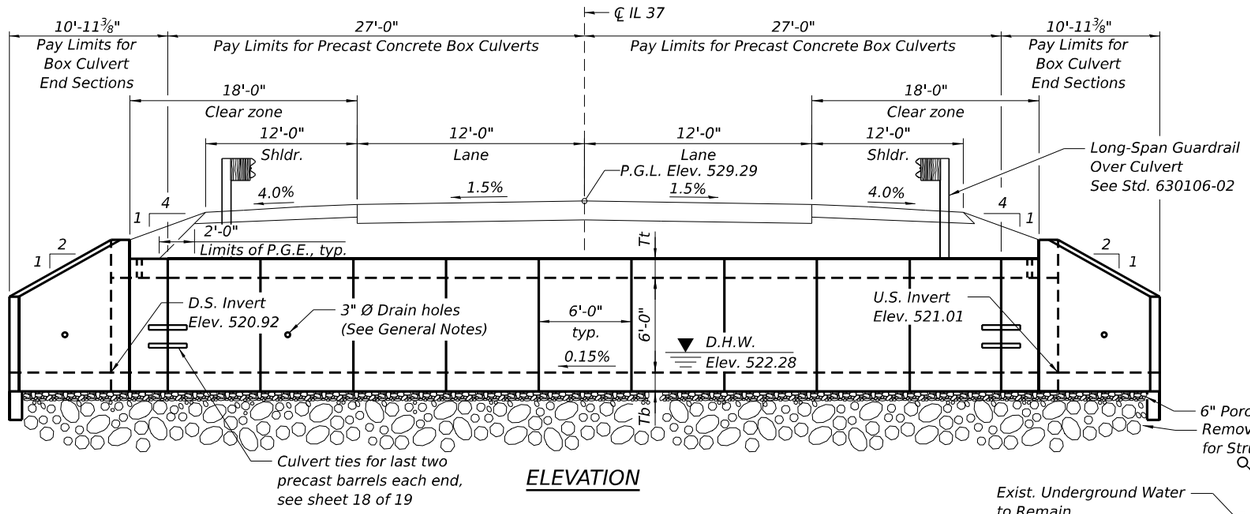
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STA. 358+30.00

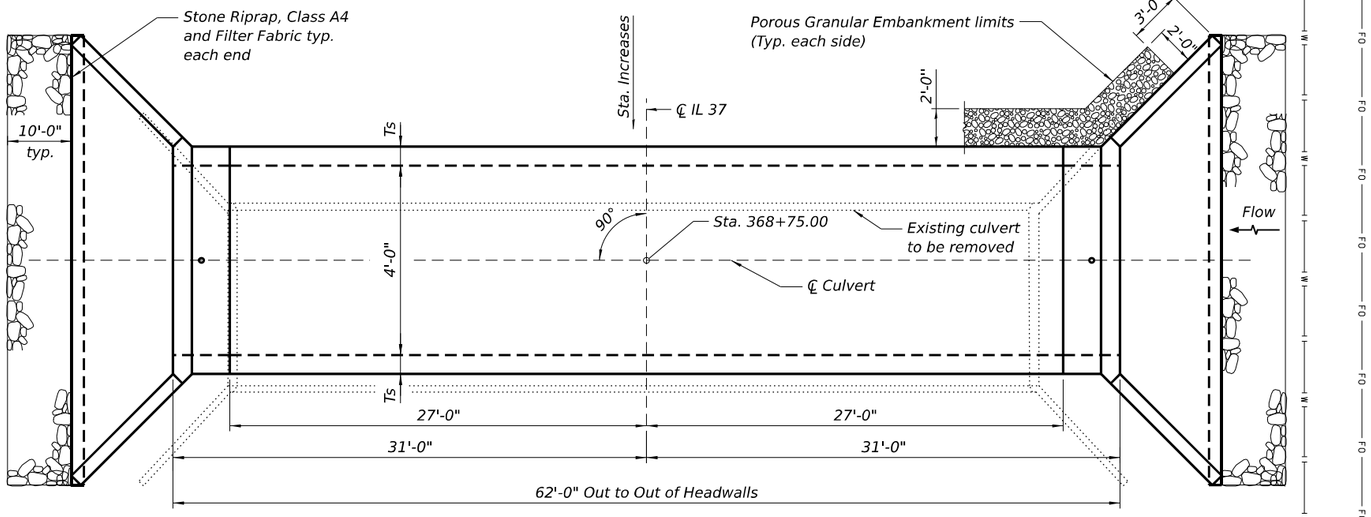
SCALE: | SHEET 13 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	278
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

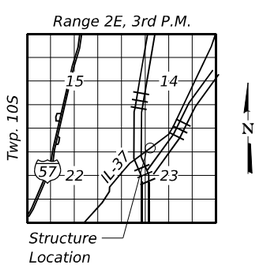
Existing Structure: The existing structure is a 44'-0" long, 4' x 6' concrete box culvert with wing walls to be removed.



ELEVATION



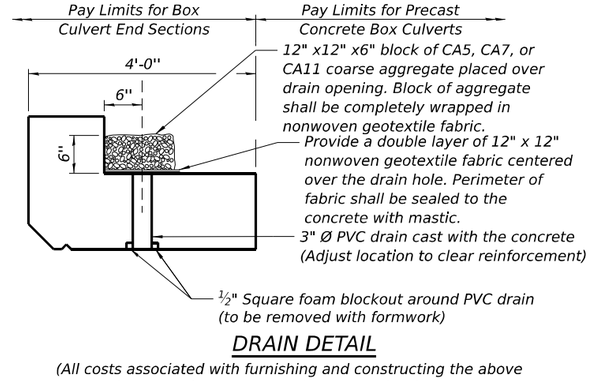
PLAN



LOCATION SKETCH

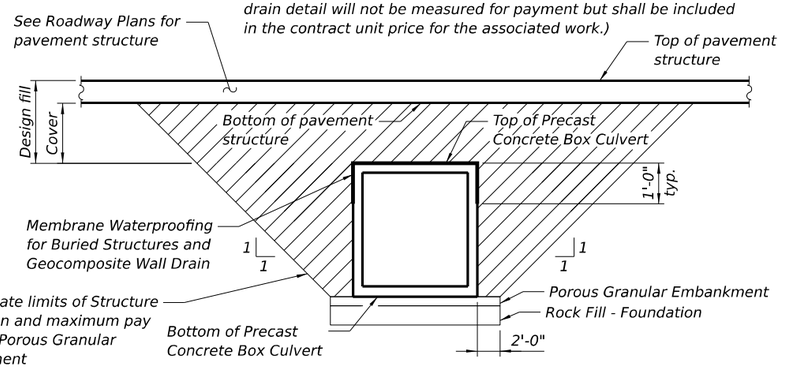
GENERAL NOTES

1. *The design fill height for this box is 1'-9". The precast box culvert sections shall conform to the requirements of ASTM C 1577.*
2. *Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.*
3. *Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.*
4. *Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.*
5. *See Roadway plans for construction staging details.*
6. *Thickness of top slab, bottom slab, and side walls to be determined by manufacturer.*
7. *Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.*
8. *The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 10.*
9. *The last two precast barrel sections at each end shall be tied together using culvert ties as shown on the culvert tie details sheet, cost included in Precast Concrete Box Culverts of the size specified in the plans.*
10. *The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.*



DRAIN DETAIL

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



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)

HYDRAULIC DATA

Drainage Area = 1.83 AC
Design Waterway Opening = 5.1 SF
Design Discharge = 5.2 CFS
Design Headwater Elevation = 522.28 FT
100 Year Discharge = 5.9 CFS
100 Year Headwater Elevation = 522.37 FT

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

DESIGN STRESSES

PRECAST UNITS

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

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	213.3
Stone Riprap, Class A4	Sq. Yd.	49
Filter Fabric	Sq. Yd.	49
Removal of Existing Structures No. 10	Each	1
Structure Excavation	Cu. Yd.	574.3
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	72.5
Box Culvert End Sections, Culvert No. 10	Each	2
Precast Concrete Box Culverts, 4' x 6'	Foot	54
Geocomposite Wall Drain	Sq. Yd.	49
Membrane Waterproofing System For Buried Structures	Sq. Yd.	49
Rock Fill - Foundation	Ton	83

LICENSED PROFESSIONAL ENGINEER
DEREK A. COCHRAN
062-072558
STATE OF ILLINOIS

Exp. Date 11/30/2024

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

GENERAL PLAN AND ELEVATION
IL-37 OVER DITCH
F.A.S. RTE. 2887 SEC. 113R-1
WILLIAMSON COUNTY
STATION 368+75.00

FILE NAME: L:\IDOT\2200610-00\WO_09\Draw\Structures\CADD_Sheets\D978633-014-Culvert 368-GPE.dgn

CMT
License No. 184-000613

USER NAME = bholland	DESIGNED - VT	REVISED -
	DRAWN - VT	REVISED -
PLOT SCALE = N/A	CHECKED - JMM	REVISED -
PLOT DATE = 3/29/2024	DATE - 03/29/2024	REVISED -

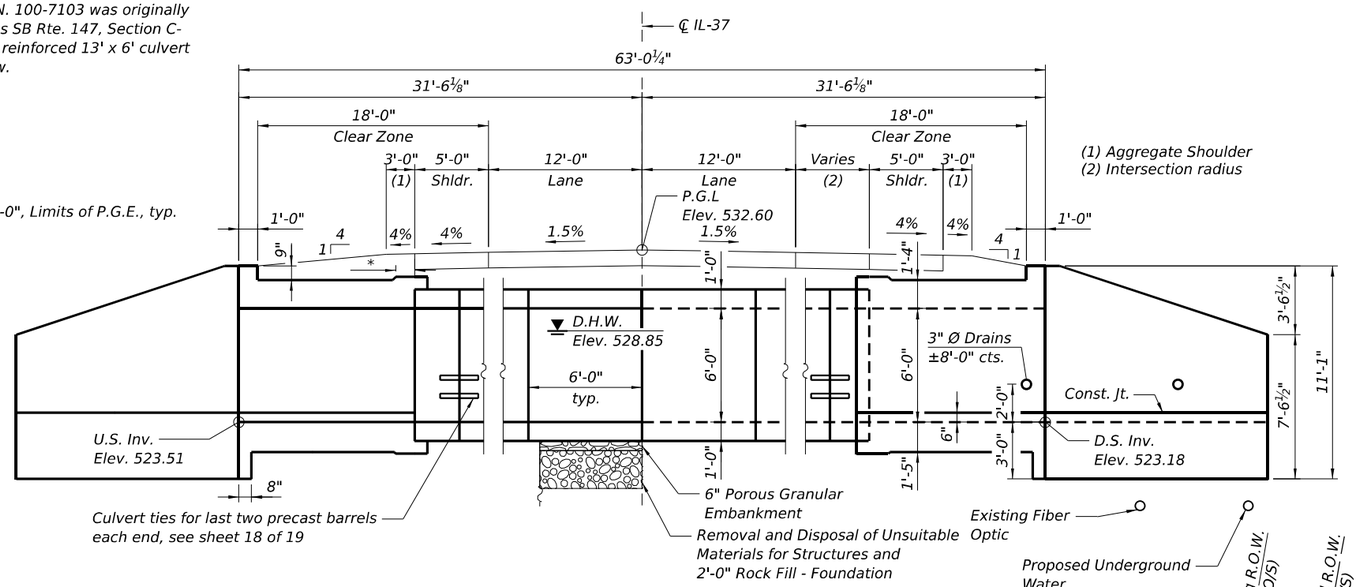
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STA. 368+75.00

SCALE: | SHEET 14 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	279
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		

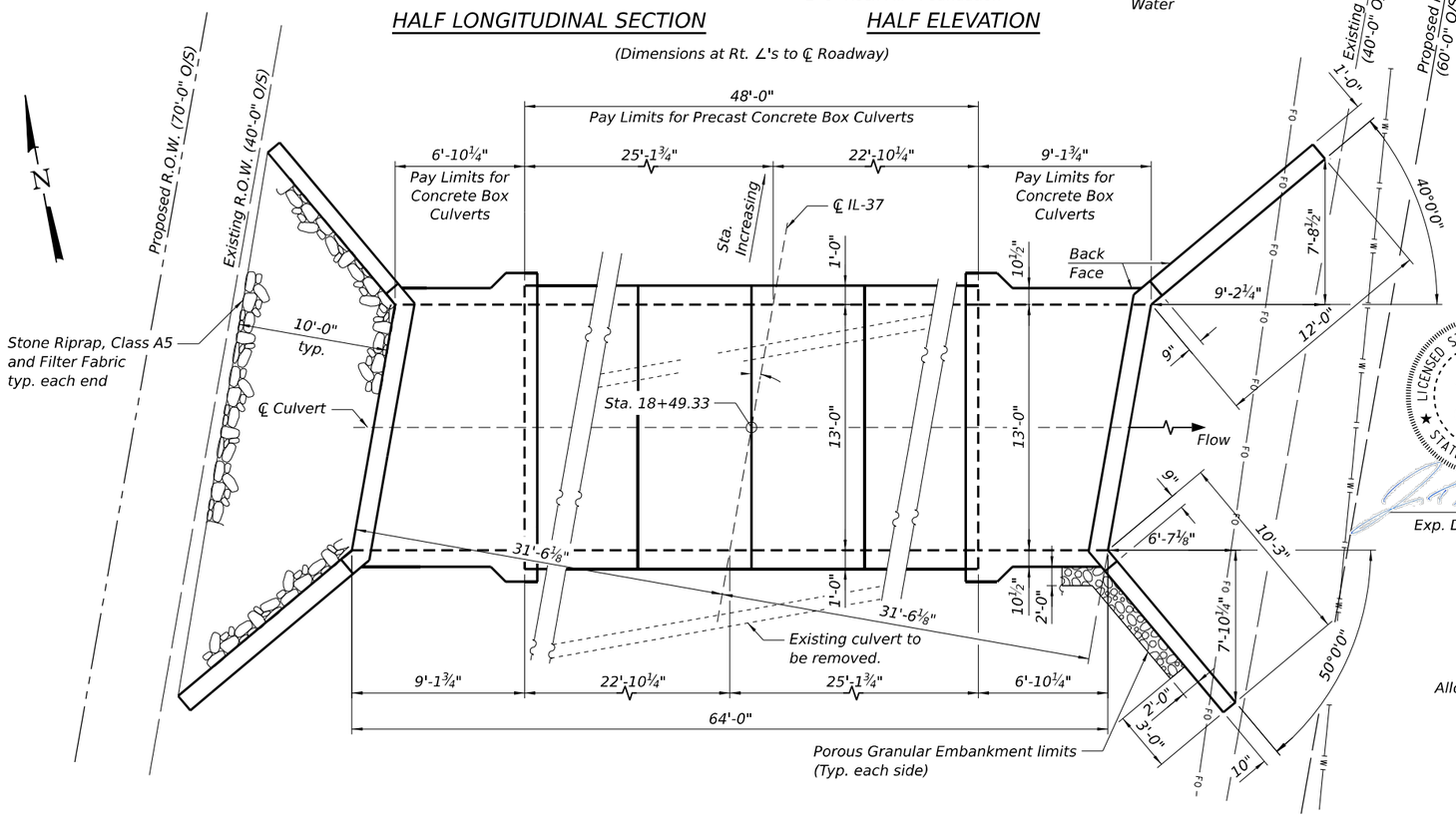
Existing Structure: S.N. 100-7103 was originally constructed in 1931 as SB Rte. 147, Section C-113-A, a single barrel reinforced 13' x 6' culvert with a 20 degree skew.



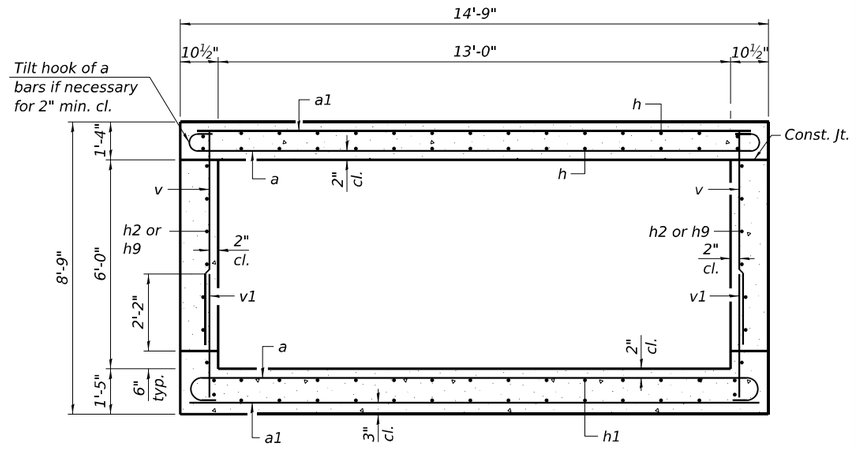
HALF LONGITUDINAL SECTION

HALF ELEVATION

(Dimensions at Rt. ∠'s to ℄ Roadway)

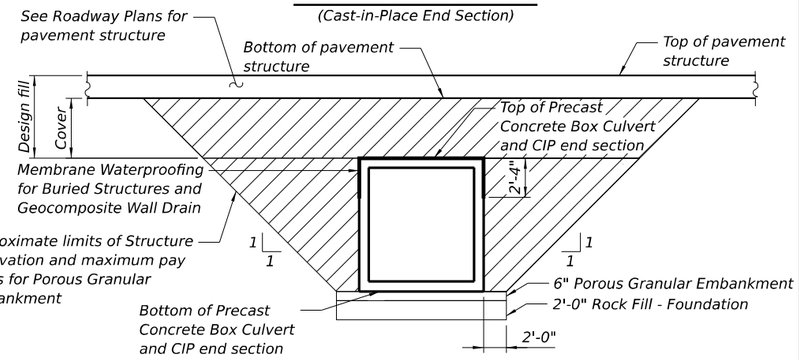


PLAN



SECTION THRU BARREL

(Cast-in-Place End Section)



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)

LICENSED STRUCTURAL ENGINEER
JOSEPH T. HEGER
081-008156
STATE OF ILLINOIS

10-1-24

Exp. Date 11/30/2024

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

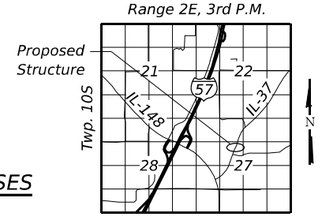
FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi

PRECAST UNITS

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

Range 2E, 3rd P.M.



LOCATION SKETCH

HYDRAULIC DATA

Drainage Area = 309.8 acres
Design Waterway Opening = 69.4 sq. ft.
Design Discharge = 392.8 cfs
Design Headwater Elevation = 528.85 ft
100 Year Discharge = 449.56 cfs
100 Year Headwater Elevation = 529.34 ft

GENERAL PLAN & ELEVATION
IL-37 OVER DITCH
F.A.S. RTE. 2887 SECTION 113R-1
WILLIAMSON COUNTY
STATION 18+49.33
STRUCTURE NO. 100-7103

FILE NAME: L:\IDOT\220066610-00\WO_09\Draw Structures\CADD_Sheets\D9786633-015-Culvert 18-GPE.dgn

CMT
License No. 184-000613 Copyright CMT, Inc.

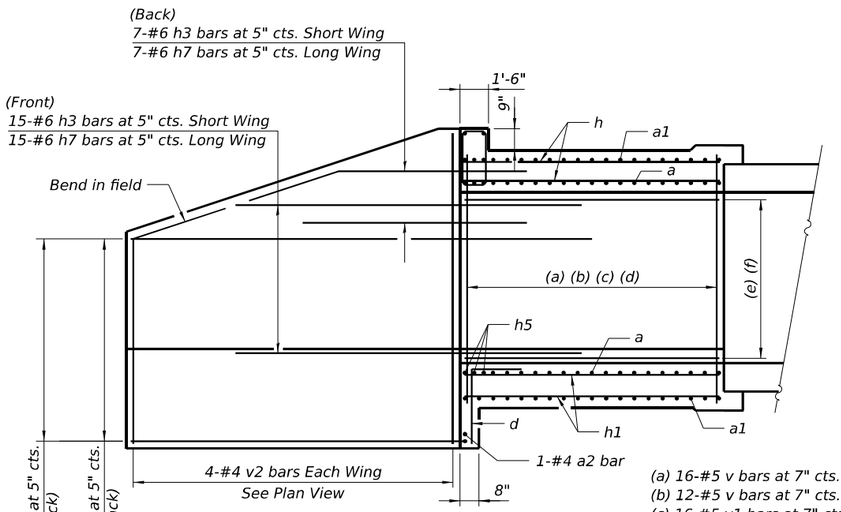
USER NAME = bholland		DESIGNED -	BLH	REVISED -	
		DRAWN -	BLH	REVISED -	
PLOT SCALE = N/A		CHECKED -	DAC	REVISED -	
PLOT DATE = 3/29/2024		DATE -	03/29/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

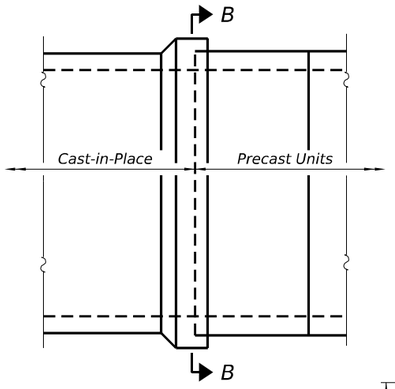
GENERAL PLAN AND ELEVATION
STRUCTURE NO. 100-7103

SCALE: | SHEET 15 OF 19 SHEETS | STA. | TO STA.

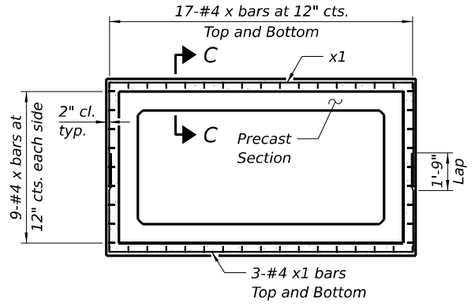
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	280
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	



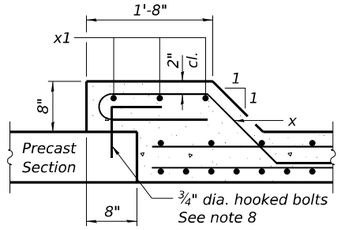
HALF LONGITUDINAL SECTION



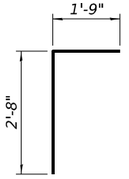
PRECAST TO CAST-IN-PLACE CONNECTION COLLAR



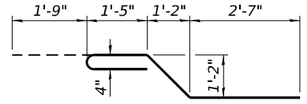
SECTION B-B



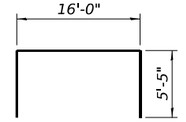
SECTION C-C



BAR d



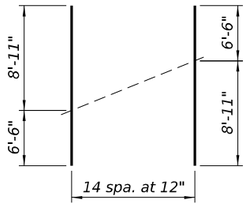
BAR x



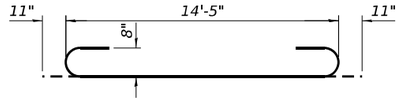
BAR x1

(a) 16-#5 v bars at 7" cts. Long Wall
(b) 12-#5 v bars at 7" cts. Short Wall
(c) 16-#5 v1 bars at 7" cts. Long Wall
(d) 12-#5 v1 bars at 7" cts. Short Wall
(e) 7-#4 h2 bars at 12" cts. Long Wall
(f) 7-#4 h9 bars at 12" cts. Short Wall
(g) *6-#8 a bars at 5" cts. Bott. of Top Slab and Top of Bott. Slab
(h) *3-#4 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(i) 16-#8 a bars at 5" cts. Bott. of Top Slab and Top of Bott. Slab
(j) 7-#4 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(k) 15-#4 h bars at 12" cts. Top & Bott. of Top Slab
(l) 15-#4 h1 bars at 12" cts. Top & Bott. of Bott. Slab

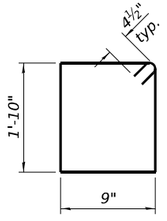
* a and a1 bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.



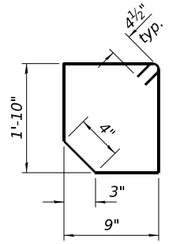
CUTTING DIAGRAM FOR h and h1 BARS



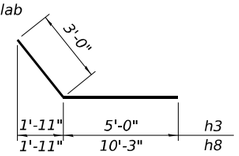
BAR a



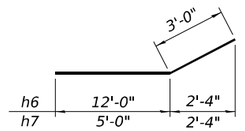
BAR s



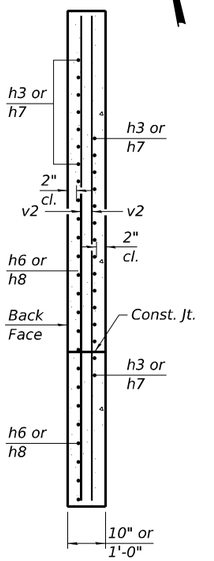
BAR s1



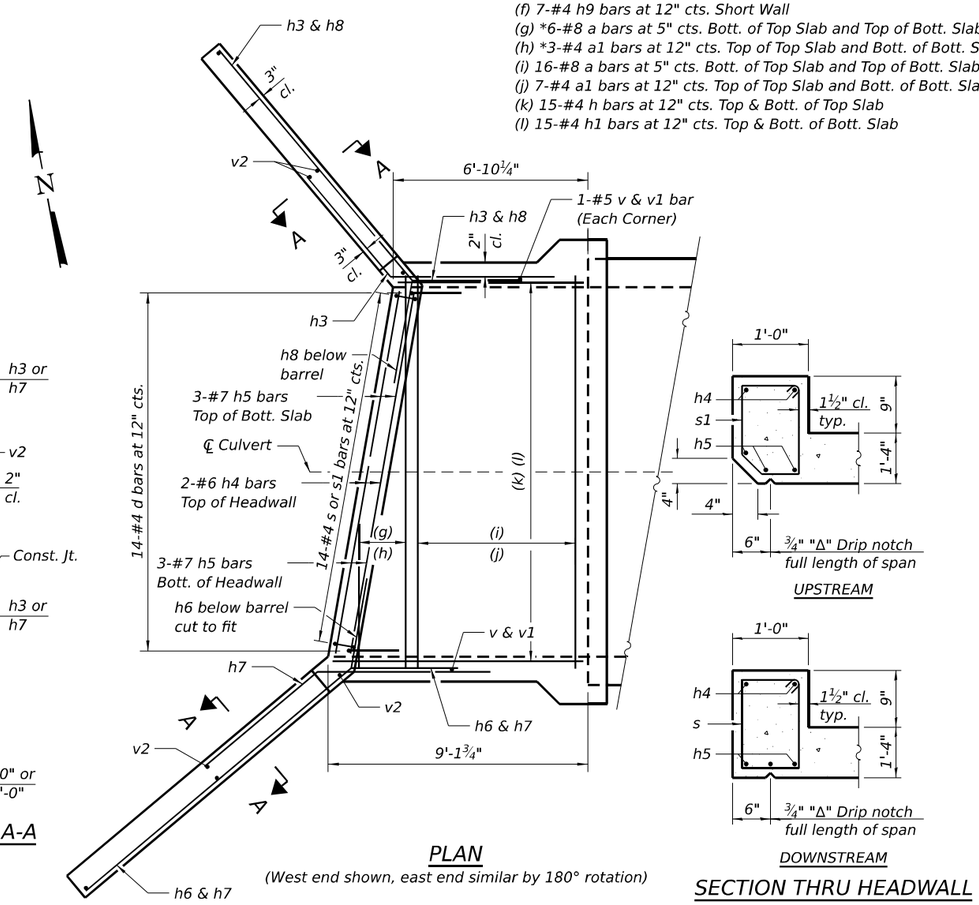
BARS h3 & h8



BARS h6 & h7



SECTION A-A



PLAN

(West end shown, east end similar by 180° rotation)

UPSTREAM

DOWNSTREAM

SECTION THRU HEADWALL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	76	#8	16'-3"	
a1	34	#4	14'-5"	
a2	2	#4	14'-8"	
d	28	#4	4'-5"	
h	30	#4	15'-5"	
h1	30	#4	15'-5"	
h2	14	#4	8'-10"	
h3	44	#6	8'-0"	
h4	4	#6	14'-8"	
h5	12	#7	14'-8"	
h6	36	#6	15'-0"	
h7	44	#6	8'-0"	
h8	36	#6	13'-3"	
h9	14	#4	6'-6"	
s	14	#4	5'-11"	
s1	14	#4	5'-9"	
v	60	#5	6'-6"	
v1	60	#5	4'-0"	
v2	16	#4	10'-9"	
x	104	#4	7'-5"	
x1	12	#4	26'-10"	

Porous Granular Embankment	Cu. Yd.	256.0
Stone Riprap, Class A5	Sq. Yd.	47
Filter Fabric	Sq. Yd.	47
Removal of Existing Structures No. 11	Each	1
Structure Excavation	Cu. Yd.	866.7
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	118.4
Reinforcement Bars	Pound	9140
Concrete Box Culverts	Cu. Yd.	50.8
Geocomposite Wall Drain	Sq. Yd.	138
Precast Concrete Box Culverts, 13' x 6'	Foot	48
Membrane Waterproofing System for Buried Structures	Sq. Yd.	138
Rock Fill - Foundation	Ton	133

GENERAL NOTES

1. The design fill height for this box is 1'-10". The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
3. Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
4. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.
5. Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.
6. The removal of the existing box culvert is to be included in the cost of Removal of Existing Structures No. 11.
7. Contractor shall retain the backfill material during the construction of the CIP end sections, cost included in Porous Granular Embankment.
8. The cast-in-place end section shall be tied to the precast barrel at each end using expansion bolts spaced as shown on sheet 19 of 19. Expansion bolts shall be ¾" diameter hooked bolts bent in the field as needed. Cost included in Precast Concrete Box Culverts of the size specified in the plans.
9. See Roadway plans for construction staging details.
10. Precast box culvert manufacturer to verify thickness of top slab, bottom slab, and sidewalls.
11. A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
12. The limits and quantities of removal and replacement shown are based on boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.

FILE NAME: ...\IDOT\2200610-00\WO_09\Draw Structures\CADD_Sheets\D9786633-0116-Culvert 18-Culvert Details.dgn

CMT
License No. 184-000613

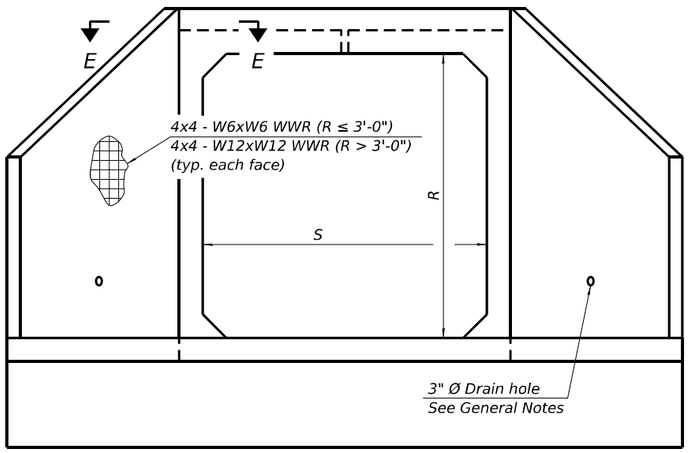
USER NAME = bholland	DESIGNED - BLH	REVISED -	
	DRAWN - BLH	REVISED -	
PLOT SCALE = N/A	CHECKED - DAC	REVISED -	
PLOT DATE = 3/29/2024	DATE - 03/29/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

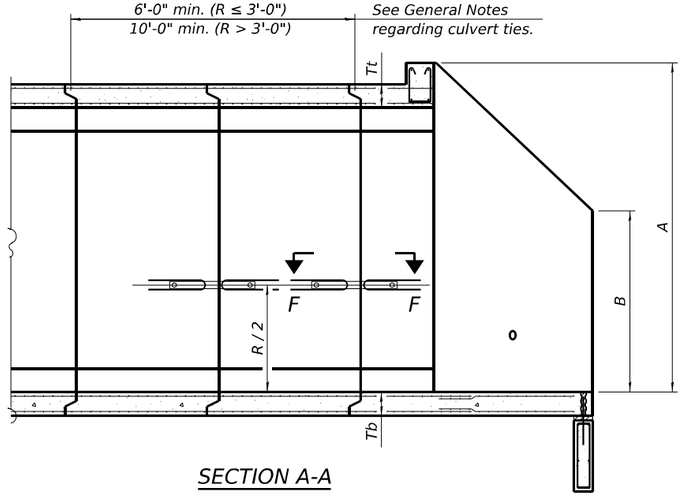
CULVERT DETAILS
STRUCTURE NO. 100-7103

SCALE: | SHEET 16 OF 19 SHEETS | STA. | TO STA.

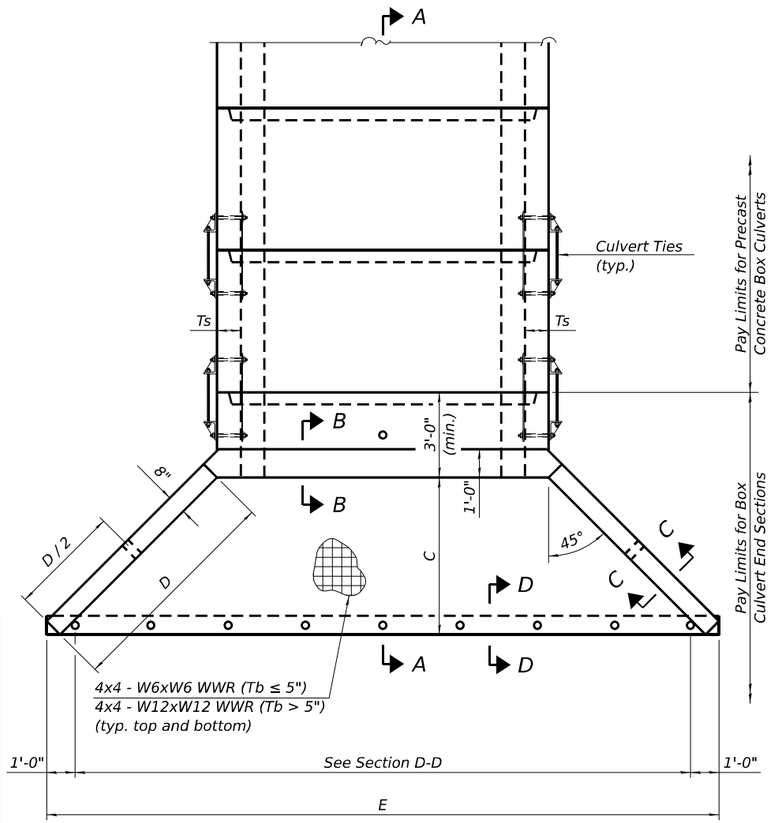
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	281
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		



END VIEW



SECTION A-A



PLAN

GENERAL NOTES

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

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be ncreased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

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

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than ½" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

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

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

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

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10⅝"	4'-1"	10'-4⅝"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7⅞"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10⅝"	5'-6"	12-4⅝"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7⅞"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4½"	2'-2½"	2'-11⅜"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8½"	3'-10"	11'-2⅜"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4½"	2'-8½"	3'-11⅜"	5'-7"	13'-8⅛"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8½"	5'-3"	13'-2⅜"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4½"	3'-2½"	4'-11⅜"	7'-0"	15'-8⅛"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8⅝"	6'-8"	15'-2½"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11⅜"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7¼"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11⅜	5'-7"	14'-10⅛"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7¼"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11⅜"	7'-0"	16'-10⅛"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9¼"	6'-9"	16'-5⅞"	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11⅜"	8'-5"	18'-10⅛"	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9¼"	8'-2"	18'-5⅞"	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11⅜"	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10⅝"	4'-1"	13'-10⅝"	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11⅜"	5'-7"	16'-0⅛"	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10⅝"	5'-6"	15'-10⅝"	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11⅜"	7'-0"	18'-0⅛"	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10¾"	6'-11"	17'-10¾"	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11⅜"	8'-5"	20'-0⅛"	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10¾"	8'-4"	19'-10¾"	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11½"	9'-10"	22'-0¼"	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10¾"	9'-9"	21'-10¾"	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11⅜"	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11⅜"	5'-7"	17'-2⅛"	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11⅜"	7'-0"	19'-2⅛"	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11⅜"	8'-5"	21'-2⅛"	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11½"	9'-10"	23'-2¼"	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11⅜"	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11⅜"	5'-7"	18'-2⅛"	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11⅜"	7'-0"	20'-2⅛"	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11⅜"	8'-5"	22'-2⅛"	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11½"	9'-10"	24'-2¼"	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0¾"	4'-4"	17'-6⅞"	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0¾"	5'-9"	19'-6⅞"	7.5	Yes
9'-0"	4'-0"	9'	9"	9"	5'-6"	3'-3"	5'-0¾"	7'-2"	21'-6⅞"	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0⅞"	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0⅛"	9'-11"	25'-5⅝"	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1½"	4'-5"	18'-10¼"	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1½"	5'-10"	20'-10¼"	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1½"	7'-3"	22'-10⅜"	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1½"	8'-8"	24'-10⅜"	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1½"	10'-1"	26'-10⅜"	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2⅞"	4'-7"	20'-3⅛"	8.2	No
11'-0"	3'-0"	11"	11"	11"	4'-8"	2'-10"	4'-2⅞"	6'-0"	22'-3⅛"	9.8	No
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2¼"	7'-4"	24'-1¾"	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2¼"	8'-9"	26'-1¾"	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2¼"	10'-2"	28'-1⅞"	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3⅝"	4'-8"	21'-6½"	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3⅝"	6'-1"	23'-6½"	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3⅝"	7'-6"	25'-6⅝"	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3⅝"	8'-11"	27'-6⅝"	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3⅝"	10'-4"	29'-6⅝"	17.4	Yes

Note:
Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

SCB-AES 5-15-2023

FILE NAME: L:\IDOT\2200610-00\WO_09\Draw\Structures\CADD_Sheets\D9786330-017-SCB-AES-1.dgn

CMT
License No. 184-000613

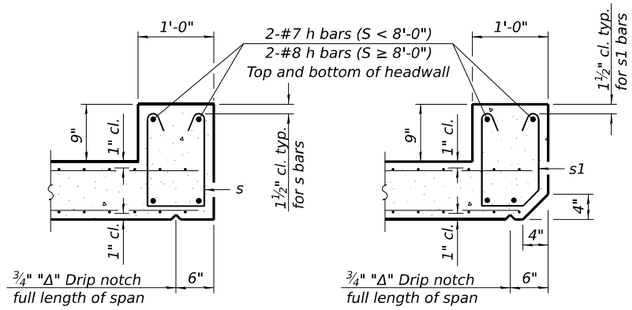
USER NAME = bholland	DESIGNED - VT	REVISED -			
	DRAWN - VT	REVISED -			
PLOT SCALE = N/A	CHECKED - JMM	REVISED -			
PLOT DATE = 3/29/2024	DATE - 03/29/2024	REVISED -			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END SECTION DETAILS

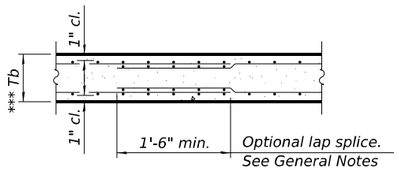
SCALE: | SHEET 17 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	282
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	



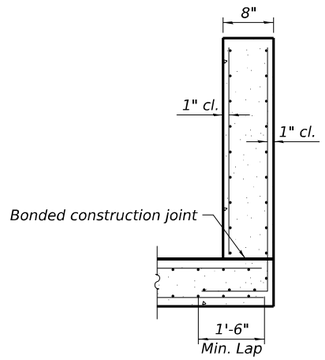
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

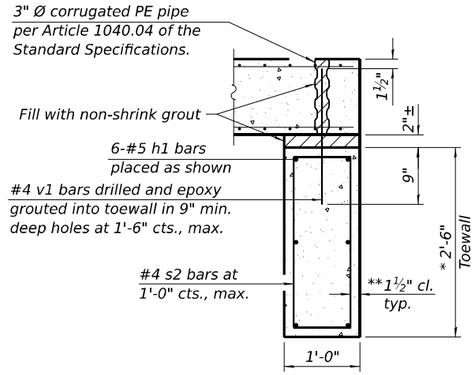


SECTION B-B
(Bottom Slab)

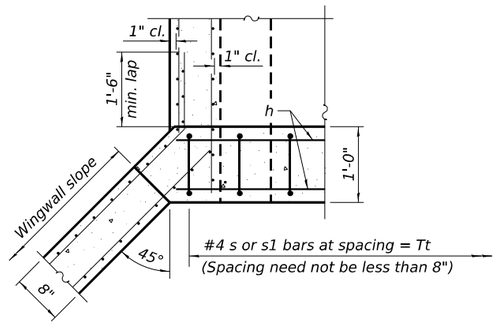
*** This dimension shall be increased by 2" for CIP construction.



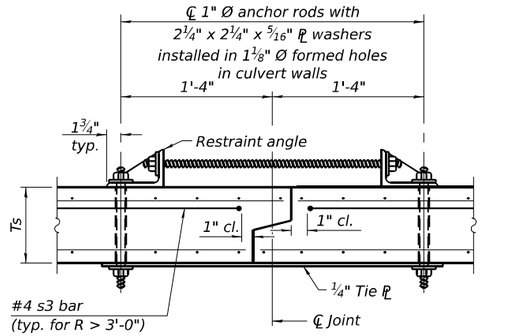
SECTION C-C



SECTION D-D



SECTION E-E



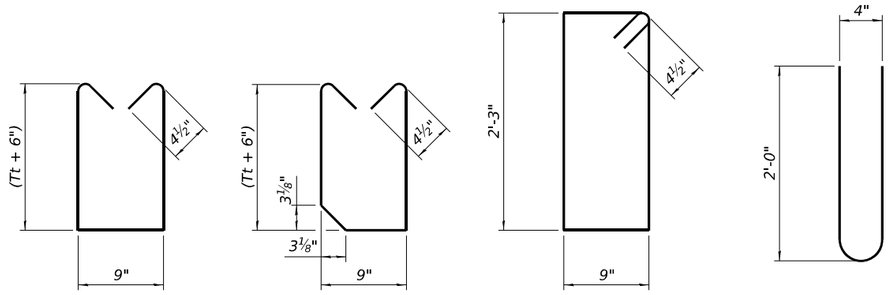
SECTION F-F
(Showing culvert tie details)

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

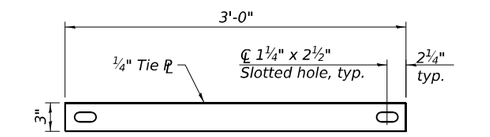


BAR s

BAR s1

BAR s2

BAR s3



RESTRAINT ANGLE DETAIL

TIE PLATE DETAIL

Notes:

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2¼"x2¼"x5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional ½ turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

SCB-AES 5-15-2023

FILE NAME: L:\IDOT\22006610-400\WO_09\Draw\Structures\CADD_Sheets\D9786333-016-SCB-AES-2.dgn

CMT License No. 184-000813

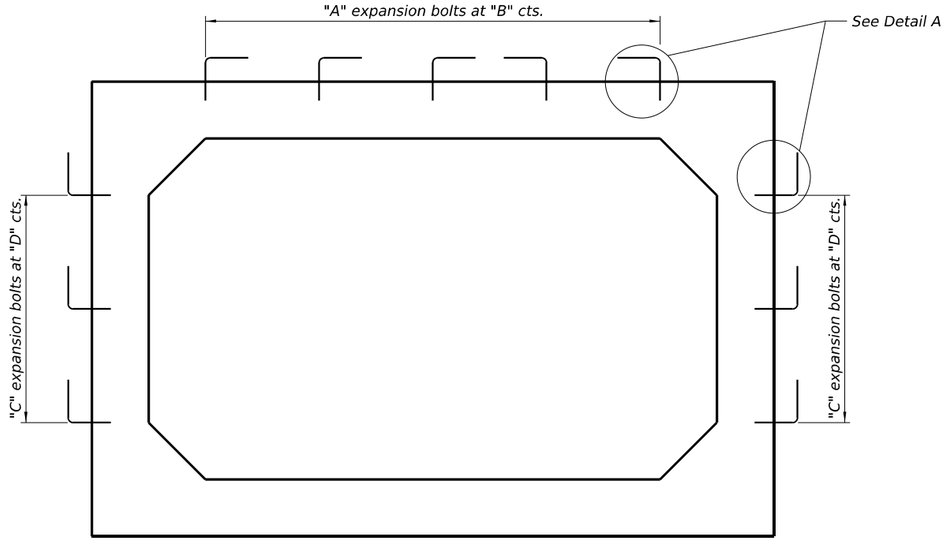
USER NAME = bholland	DESIGNED - VT	REVISED -	
	DRAWN - VT	REVISED -	
PLOT SCALE = N/A	CHECKED - JMM	REVISED -	
PLOT DATE = 3/29/2024	DATE - 03/29/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

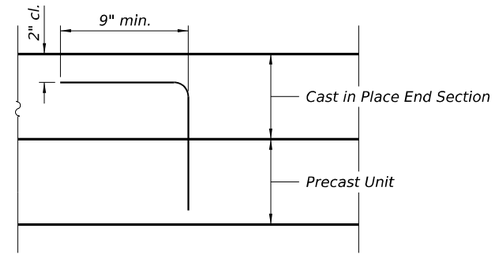
PRECAST CONCRETE BOX CULVERT APRON END SECTION DETAILS

SCALE: | SHEET 18 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	283
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			



SECTION THRU CONNECTION COLLAR



DETAIL A

Culvert Location	"A"	"B"	"C"	"D"
Sta. 167+39.15	6	1'-7"	2	2'-0"
Sta. 175+78.89	5	1'-3"	2	2'-0"
Sta. 212+80.86	3	1'-6"	*	*
Sta. 288+32.82	5	1'-3"	3	1'-6"
Sta. 18+49.33	9	1'-6"	5	1'-3"

* Use minimum of 1 expansion bolt at each corner

FILE NAME: L:\IDOT\22006610-00\WO_09\Draw\Structures\CADD_Sheets\D9978633-0119-Expansion Bolt Details.dgn

CMT
License No. 184-000613

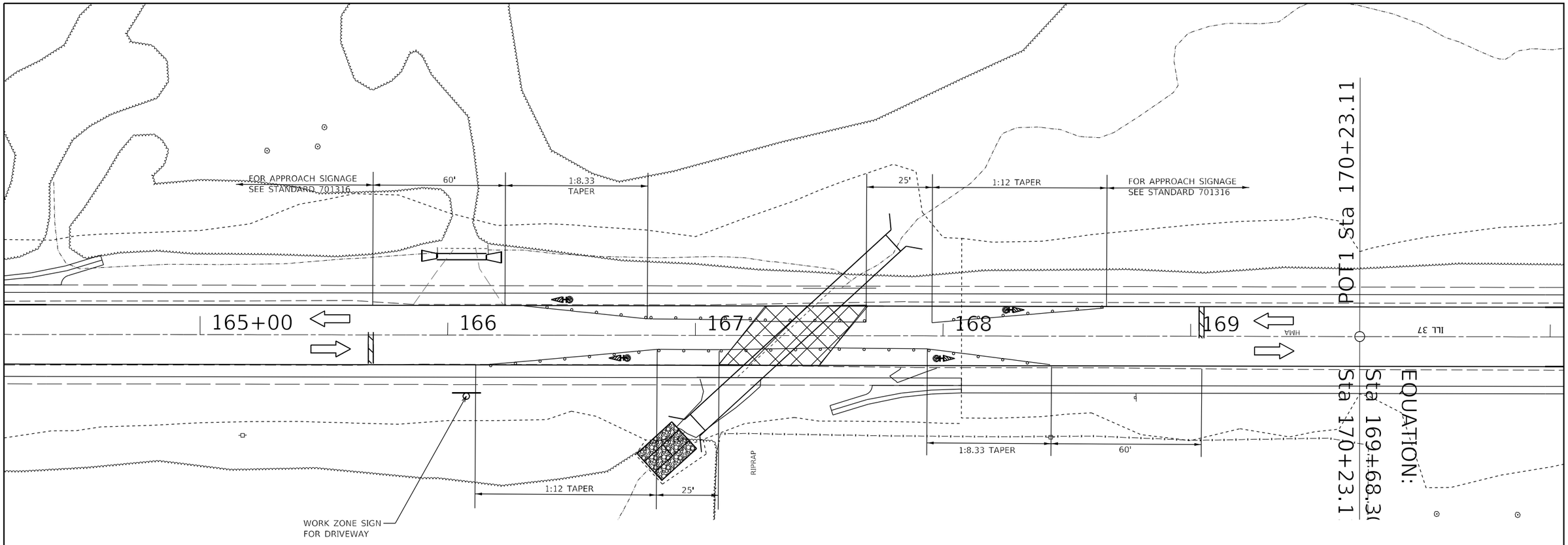
USER NAME = bholland	DESIGNED - BLH	REVISED -	
	DRAWN - BLH	REVISED -	
PLOT SCALE = N/A	CHECKED - DAC	REVISED -	
PLOT DATE = 3/27/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXPANSION BOLT DETAILS
SECTION DETAILS

SCALE: | SHEET 19 OF 19 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	284
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		



Notes for Sideroad & Private Lane Signals

* The contractor shall provide a temporary sign across from the private drive.

See sheet WORK ZONE SIGN DETAIL for sign detail.

Notes for Traffic Control & Protection Standard 701316

(All items below shall be included in the contract unit price, each for Traffic Control and Protection, Std. 701316, no other compensation will be allowed.)

1. All signage as shown on the Highway Standard and additional signage shown on the detail above. The noted work shall include signs, posts, hardware and labor. The contractor shall erect the signs at the locations detailed above and at locations directed by the engineer.

2. Per Article 703.07, when temporary pavement marking is shown on the Standard and Detail above, the cost of temporary pavement marking and its removal will be included in the cost of the Standard.

3. All temporary drums or barricades shown on the Highway Standard and as shown on the detail above.

4. All signage shown on this detail will be included in the cost of the Standard.

SYMBOLS

DRUM

TRAFFIC SIGNAL

SIGN

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Projects\78633\CAD\stat\CAD\sheets\0978633-SHTD-Scope Const.dgn

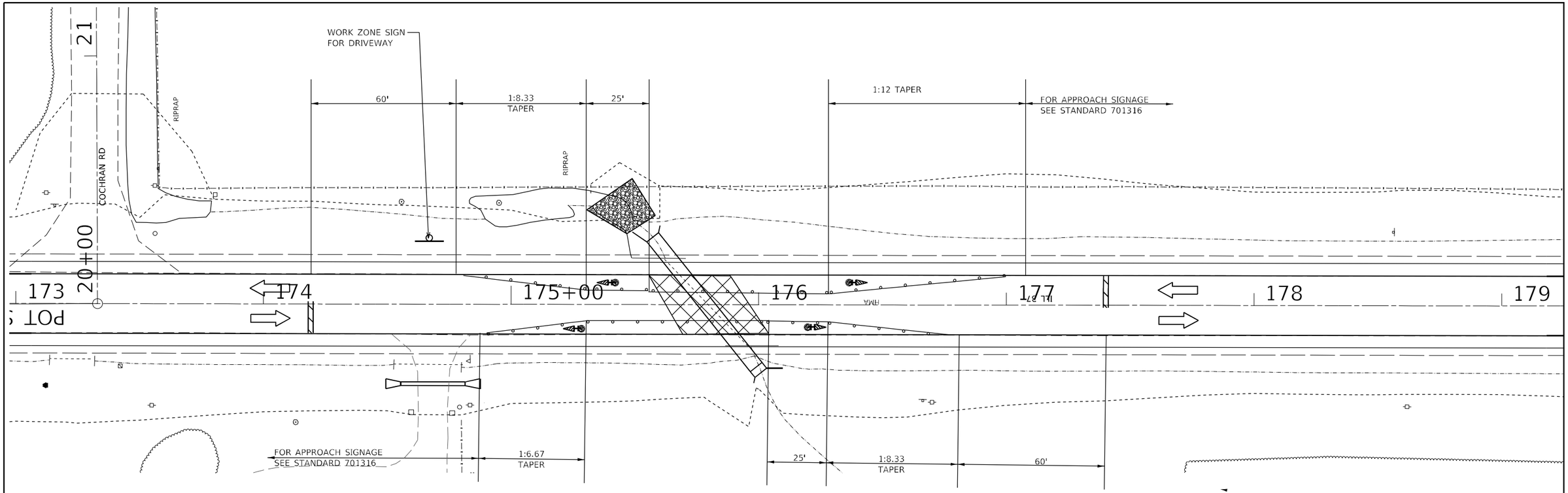
USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL STAGING SHEET
STA 167+35

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	285
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		



Notes for Sideroad & Private Lane Signals

* The contractor shall provide a temporary sign across from the private drive.

See sheet WORK ZONE SIGN DETAIL for sign detail.

Notes for Traffic Control & Protection Standard 701316

(All items below shall be included in the contract unit price, each for Traffic Control and Protection, Std. 701316, no other compensation will be allowed.)

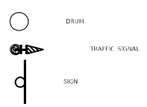
1. All signage as shown on the Highway Standard and additional signage shown on the detail above. The noted work shall include signs, posts, hardware and labor. The contractor shall erect the signs at the locations detailed above and at locations directed by the engineer.

2. Per Article 703.07, when temporary pavement marking is shown on the Standard and Detail above, the cost of temporary pavement marking and its removal will be included in the cost of the Standard.

3. All temporary drums or barricades shown on the Highway Standard and as shown on the detail above.

4. All signage shown on this detail will be included in the cost of the Standard.

SYMBOLS



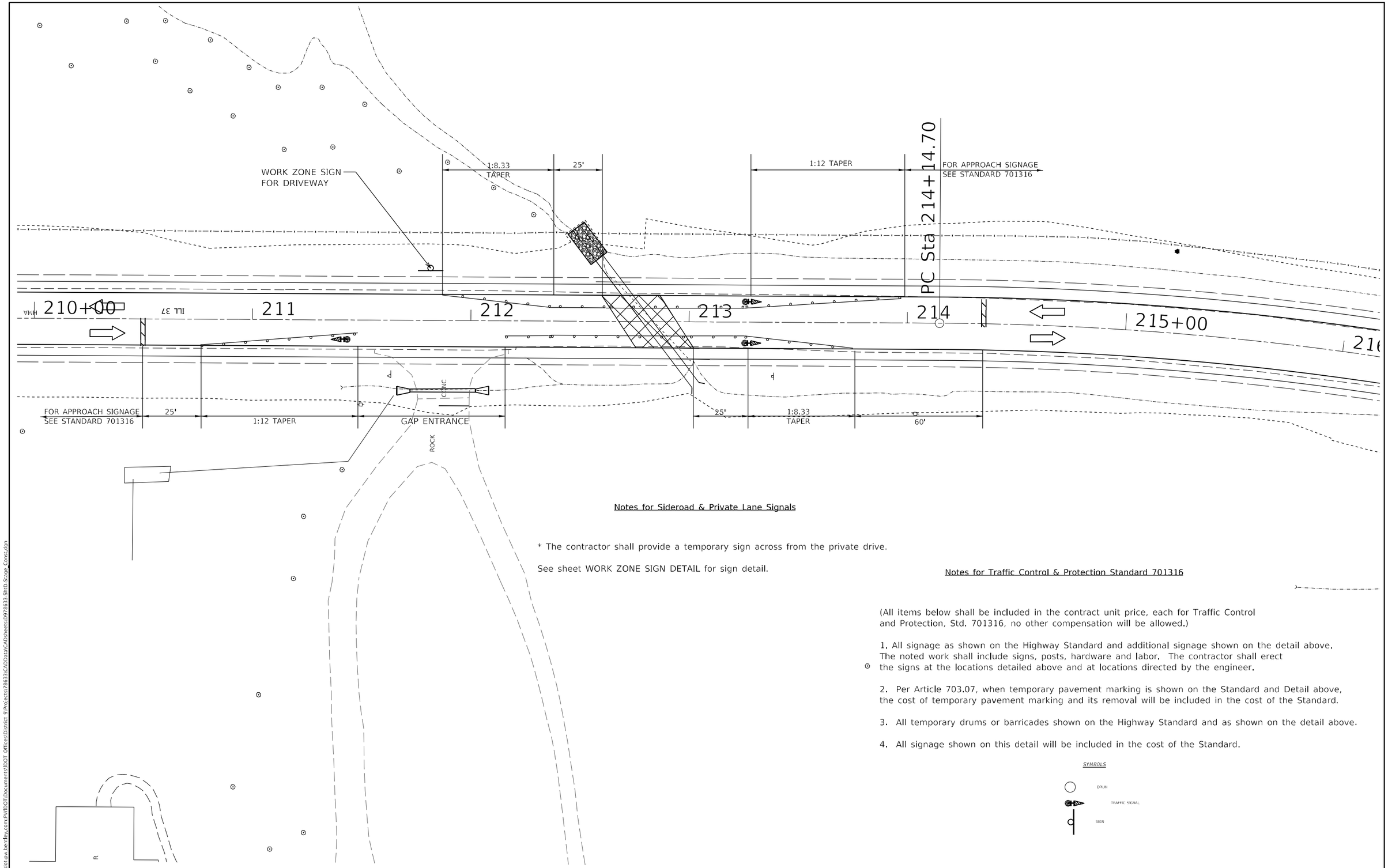
MODEL: Default
FILE NAME: //vdot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADD\Data\CAD\sheets\0978633-Shts-Stage Const.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	**STATE OF ILLINOIS**
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

TRAFFIC CONTROL STAGING SHEET
STA 175+80

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	286
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		



Notes for Sideroad & Private Lane Signals

* The contractor shall provide a temporary sign across from the private drive.

See sheet WORK ZONE SIGN DETAIL for sign detail.

Notes for Traffic Control & Protection Standard 701316

(All items below shall be included in the contract unit price, each for Traffic Control and Protection, Std. 701316, no other compensation will be allowed.)

1. All signage as shown on the Highway Standard and additional signage shown on the detail above. The noted work shall include signs, posts, hardware and labor. The contractor shall erect the signs at the locations detailed above and at locations directed by the engineer.

2. Per Article 703.07, when temporary pavement marking is shown on the Standard and Detail above, the cost of temporary pavement marking and its removal will be included in the cost of the Standard.

3. All temporary drums or barricades shown on the Highway Standard and as shown on the detail above.

4. All signage shown on this detail will be included in the cost of the Standard.

SYMBOLS

DRUM

TRAFFIC SIGNAL

SIGN

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\0078633-SHTS-Stage Const.dgn

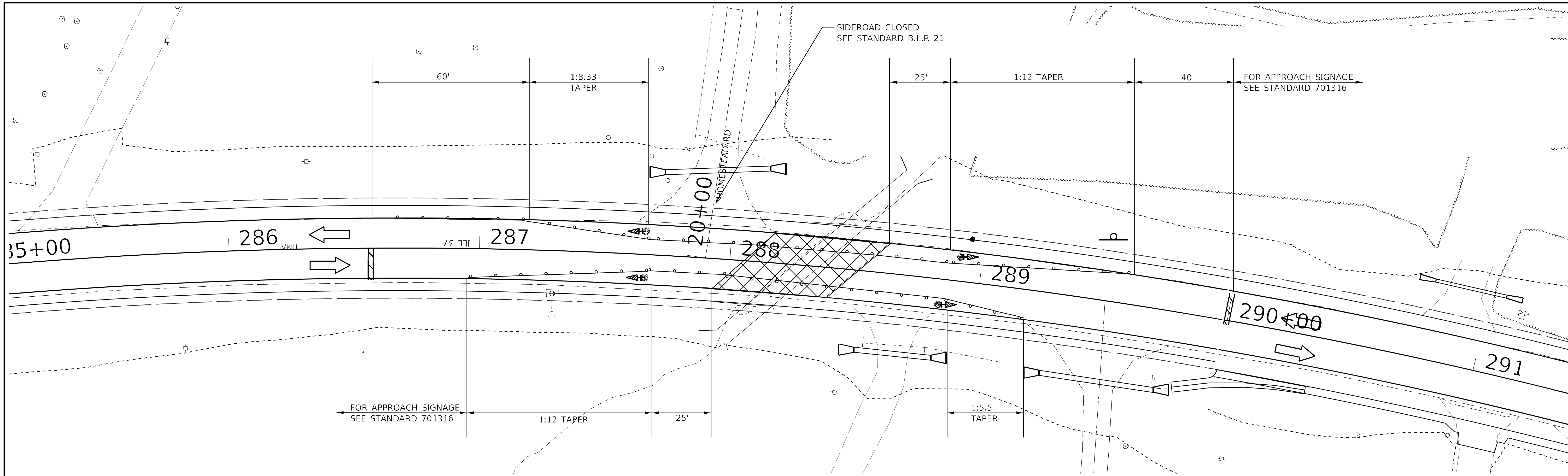
USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL STAGING SHEET
STA 212+84

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	287
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			



Notes for Sideroad & Private Lane Signals

* The contractor shall provide a temporary sign across from the private drive.

See sheet WORK ZONE SIGN DETAIL for sign detail.

Notes for Traffic Control & Protection Standard 701316

(All items below shall be included in the contract unit price, each for Traffic Control and Protection, Std. 701316, no other compensation will be allowed.)

1. All signage as shown on the Highway Standard and additional signage shown on the detail above. The noted work shall include signs, posts, hardware and labor. The contractor shall erect the signs at the locations detailed above and at locations directed by the engineer.

2. Per Article 703.07, when temporary pavement marking is shown on the Standard and Detail above, the cost of temporary pavement marking and its removal will be included in the cost of the Standard.

3. All temporary drums or barricades shown on the Highway Standard and as shown on the detail above.

4. All signage shown on this detail will be included in the cost of the Standard.

SYMBOLS

DRUM

TRAFFIC SIGNAL

SIGN

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADSheets\D978633-SHT-Stage Const.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

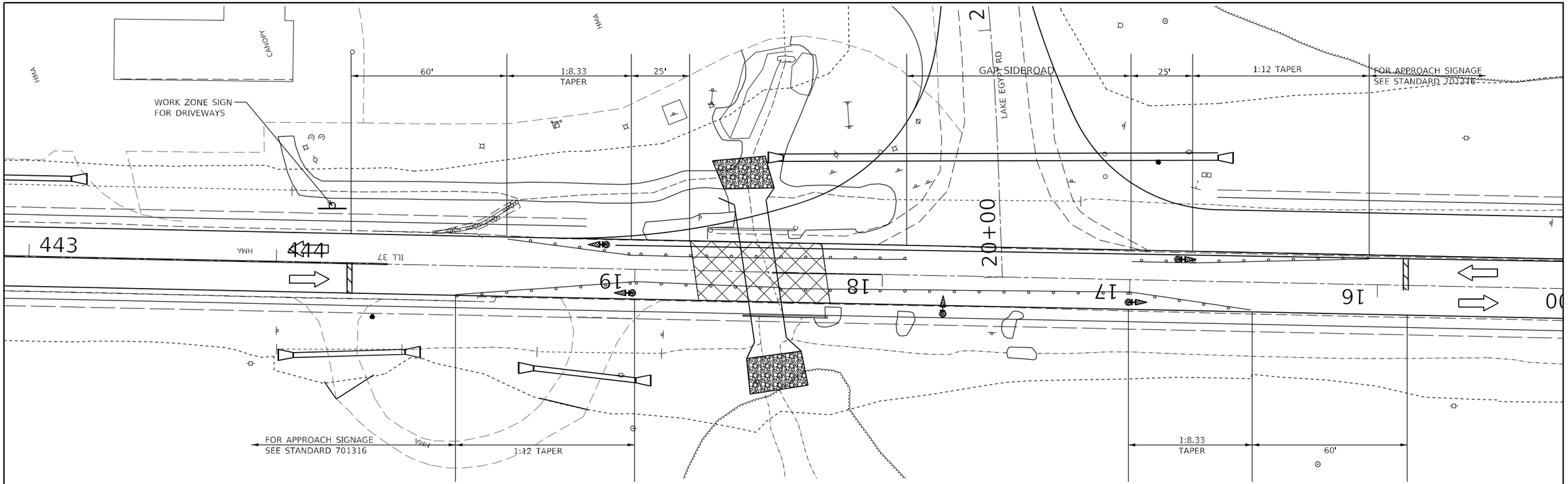
TRAFFIC CONTROL STAGING SHEET
STA 288+25

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	288

CONTRACT NO. 78633

ILLINOIS FED. AID PROJECT



Notes for Sideroad & Private Lane Signals

* The contractor shall provide a temporary sign across from the private drive.

The contractor shall provide a temporary signal across from Lake of Egypt.

Signal will be included in the cost of Temporary Bridge Traffic Signals, Each.

See sheet WORK ZONE SIGN DETAIL for sign detail.

Notes for Traffic Control & Protection Standard 701316

(All items below shall be included in the contract unit price, each for Traffic Control and Protection, Std. 701316, no other compensation will be allowed.)

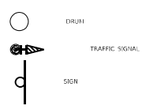
1. All signage as shown on the Highway Standard and additional signage shown on the detail above. The noted work shall include signs, posts, hardware and labor. The contractor shall erect the signs at the locations detailed above and at locations directed by the engineer.

2. Per Article 703.07, when temporary pavement marking is shown on the Standard and Detail above, the cost of temporary pavement marking and its removal will be included in the cost of the Standard.

3. All temporary drums or barricades shown on the Highway Standard and as shown on the detail above.

4. All signage shown on this detail will be included in the cost of the Standard.

SYMBOLS



MODEL: Default
FILE NAME: z:\illdot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\0978633-Shts-Stage Const.dgn

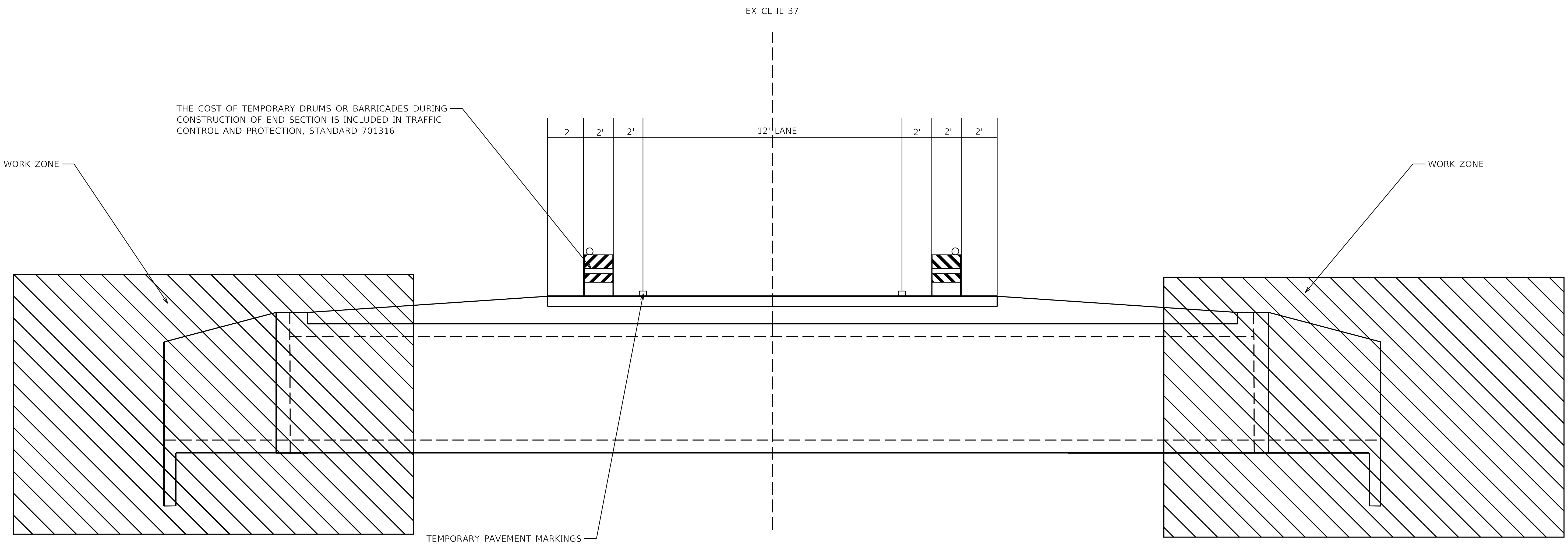
USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL STAGING SHEET
STA 18+46

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	289
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		



BOX CULVERT END SECTION CONSTRUCTION WITH TRAFFIC

ELEVATION VIEW - UTILIZE HIGHWAY STANDARD 701316 FOR TRAFFIC CONTROL
SEE STRUCTURE SHEETS FOR ADDITIONAL INFORMATION AND DIMENSIONS

MODEL: Default
FILE NAME: pw:\\lldot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\D978633-SHT-Stage Const.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

BOX CULVERT END SECTION CONSTRUCTION WITH TRAFFIC DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	290

CONTRACT NO. 78633

ILLINOIS FED. AID PROJECT

LEGEND

PROPOSED ELECTRIC SERVICE 240v

PROPOSED LIGHTING CONTROLLER, 240V, POLE MOUNTED

EXISTING LIGHTING UNIT TO REMAIN

EXISTING LIGHTING UNIT TO BE REMOVED

PROPOSED LIGHTING UNIT, 30 FT ALUMINUM POLE, 12 FT DAVIT ARM, SETBACK AS NOTED, WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G, ON BREAKAWAY COUPLINGS WITH STAINLESS STEEL SCREEN

PROPOSED UNIT DUCT, 2-1C NO. 10, 1/C NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE.

PROPOSED COILABLE NONMETALLIC CONDUIT 2" DIA. LENTH AS NOTED

EXISTING UTILITY POLE

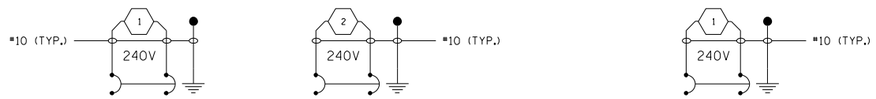
EXISTING UTILITY POLE WITH TRANSFORMER

NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDTIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

(1) PROPOSED LIGHTING UNIT

GROUND ROD



LAKE OF EGYPT RD

PROPOSED LIGHTING CONTROLLER

COCHRAN RD

PROPOSED TEMPORARY LIGHTING CONTROLLER

Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
5/10/24	78633	113R-1	WILLIAMS

Marked Route Number	Municipality
IL 37 AT COCHRAN RD AND AT LAKE OF EBYPT RD	UNINCORPORATED

Roadway

Lane Width	#of Lanes	Median Width	I.E.S Surface Classification	O-Zero Value
12	3	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set Back	Number of Luminaires (Highmast & Sign Lighting Only)
30 FT	12 FT	12 FT	N/A

Luminaire

Description	Transverse Distribution	Lateral Distribution
ROADWAY, OUTPUT DESIGNATION G	TYPE III	MEDIUM

Total Light Loss Factor (LLF)	BUG Rating	Shields	Dimming Protocol
0.7	U = 0	N/A	0-10V

Layout

Spacing (to Nearest 5 Ft)	Configuration (Opposite, Staggered, 1 Sided, or Median)
140 FT	SINGLE SIDED

Performance

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}
greater than or equal to 0.8	less than or equal to 3:1

Average Luminance, L_{AVE} (cd/m^2)	Uniformity Ratio, L_{AVE}/L_{MIN}	Uniformity Ratio, L_{MAX}/L_{MIN}	Veiling Luminance Ratio, L_V/L_{MIN}
greater than or equal to 0.6	less than or equal to 3:1	less than or equal to 6:1	less than or equal to 0.3:1

Light Tresspass

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E	Max. Vertical Illuminance at ROW, E
N/A	N/A	N/A

Notes

1. Set Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
2. Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to roadway.
3. Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions above.
4. Compliance with performance criteria shall be held to one significant digit.
5. Performance table is intended to define the luminaire and does not represent specific roadway geometry, mounting height, arm length, or setback. Refer to lighting plans for installation requiremnts.

E1

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAIL

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	291
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		

1
STA. 16+95
SETBACK 10 FT.

2
STA. 18+75
SETBACK 15 FT.

PROPOSED
LIGHTING CONTROLLER
STA. 18+20

PROPOSED
ELECTRIC SERVICE
240V

PROPOSED
ELECTRIC SERVICE
240V

PROPOSED
LIGHTING CONTROLLER
STA. 127+80

1
STA. 127+90
SETBACK 15 FT.

LAKE EGYPT RD

COCHRAN RD

E2

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

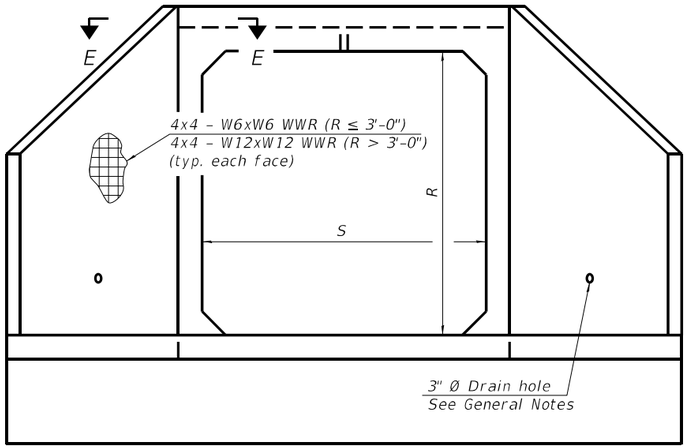
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAIL

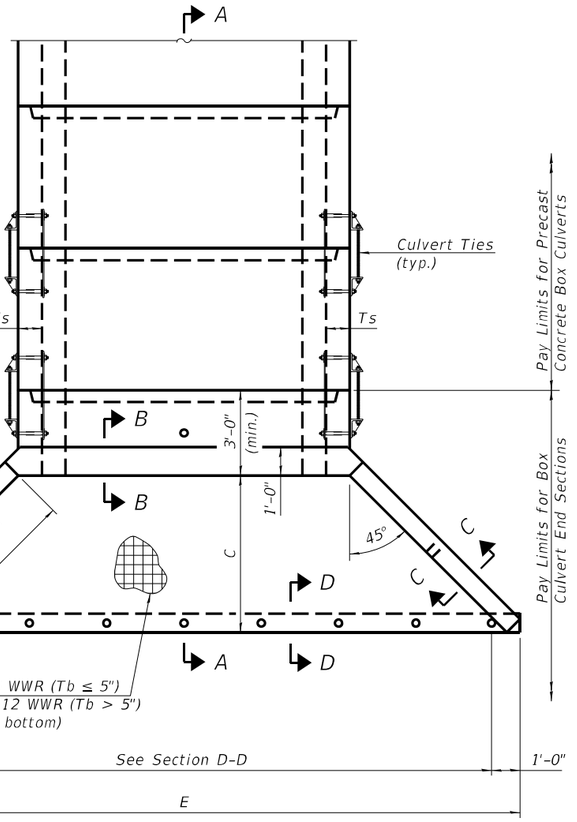
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	292
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

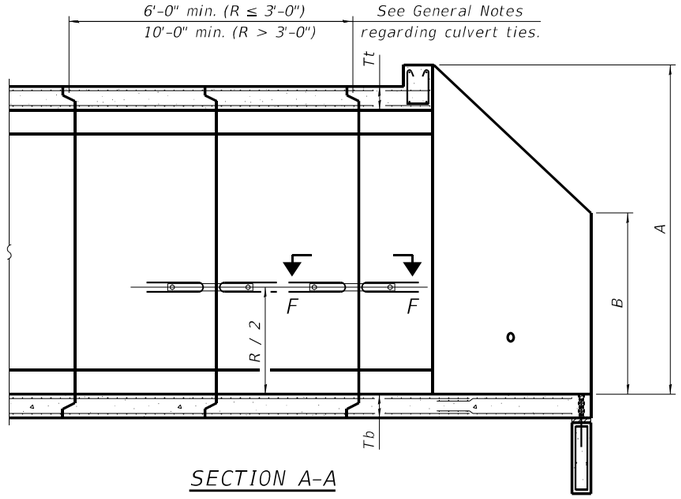
MODEL: Default
FILE NAME: awv:\\dot-pw.bentley.com:PWIDOT Documents\IDOT Office of District 9\Projects\78633\CADData\CADSheets\D978633-Sht-Detail.dgn



END VIEW



PLAN



SECTION A-A

GENERAL NOTES

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

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be ncreased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

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

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than ½" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

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

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

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

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10⅝"	4'-1"	10'-4⅝"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7⅞"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10⅝"	5'-6"	12'-4⅝"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7⅞"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4½"	2'-2½"	2'-11⅜"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8½"	3'-10"	11'-2⅜"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4½"	2'-8½"	3'-11⅜"	5'-7"	13'-8⅛"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8½"	5'-3"	13'-2⅜"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4½"	3'-2½"	4'-11⅜"	7'-0"	15'-8⅛"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8⅝"	6'-8"	15'-2½"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11⅜"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7¼"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11⅜	5'-7"	14'-10⅛"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7¼"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11⅜"	7'-0"	16'-10⅛"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9¼"	6'-9"	16'-5⅞"	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11⅜"	8'-5"	18'-10⅛"	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9¼"	8'-2"	18'-5⅞"	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11⅜"	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10⅝"	4'-1"	13'-10⅝"	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11⅜"	5'-7"	16'-0⅛"	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10⅝"	5'-6"	15'-10⅜"	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11⅜"	7'-0"	18'-0⅛"	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10¾"	6'-11"	17'-10¾"	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11⅜"	8'-5"	20'-0⅛"	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10¾"	8'-4"	19'-10¾"	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11½"	9'-10"	22'-0¼"	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10¾"	9'-9"	21'-10¾"	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11⅜"	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11⅜"	5'-7"	17'-2⅛"	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11⅜"	7'-0"	19'-2⅛"	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11⅜"	8'-5"	21'-2⅛"	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11½"	9'-10"	23'-2¼"	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11⅜"	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11⅜"	5'-7"	18'-2⅛"	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11⅜"	7'-0"	20'-2⅛"	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11⅜"	8'-5"	22'-2⅛"	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11½"	9'-10"	24'-2¼"	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0¾"	4'-4"	17'-6⅞"	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0¾"	5'-9"	19'-6⅛"	7.5	Yes
9'-0"	4'-0"	9"	9"	9"	5'-6"	3'-3"	5'-0¾"	7'-2"	21'-6⅞"	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0⅞"	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0⅛"	9'-11"	25'-5⅝"	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1½"	4'-5"	18'-10¼"	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1½"	5'-10"	20'-10¼"	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1½"	7'-3"	22'-10⅜"	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1½"	8'-8"	24'-10⅜"	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1½"	10'-1"	26'-10⅜"	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2⅞"	4'-7"	20'-3⅛"	8.2	No
11'-0"	3'-0"	11"	11"	11"	4'-8"	2'-10"	4'-2⅞"	6'-0"	22'-3⅛"	9.8	No
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2¼"	7'-4"	24'-1¾"	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2¼"	8'-9"	26'-1¾"	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2¼"	10'-2"	28'-1⅞"	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3⅜"	4'-8"	21'-6½"	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3⅜"	6'-1"	23'-6½"	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3⅜"	7'-6"	25'-6⅝"	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3⅜"	8'-11"	27'-6⅝"	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3⅜"	10'-4"	29'-6⅝"	17.4	Yes

Note:
Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

SCB-AES 2-17-2017

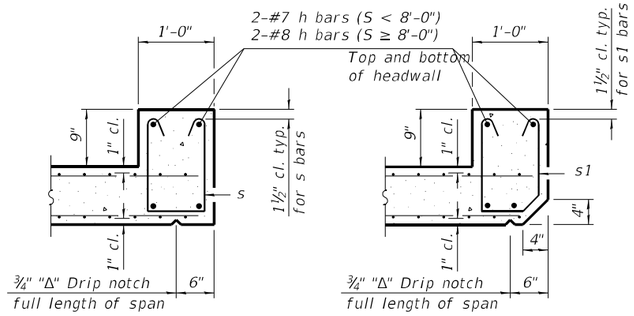
USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END SECTION DETAILS – STRUCTURE NO.

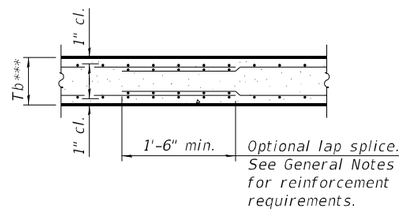
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	293
		CONTRACT NO. 78633		
	ILLINOIS FED. AID PROJECT			

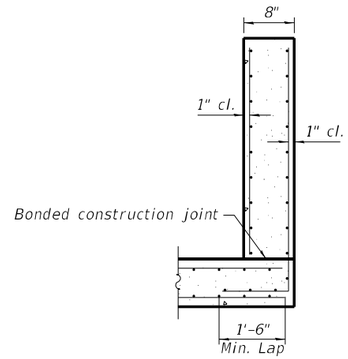


SECTION B-B
(Top slab at downstream end)

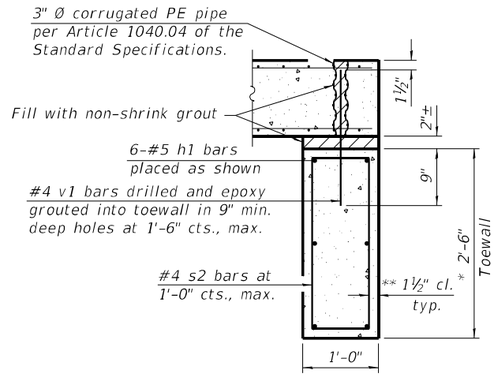
SECTION B-B
(Top slab at upstream end)



SECTION B-B
(Bottom Slab)

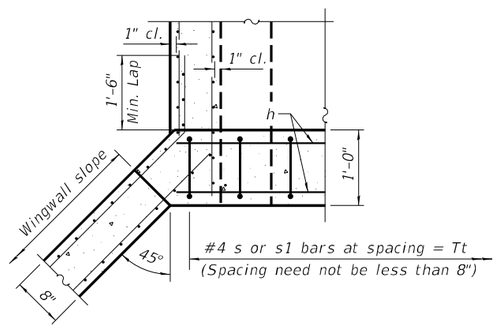


SECTION C-C

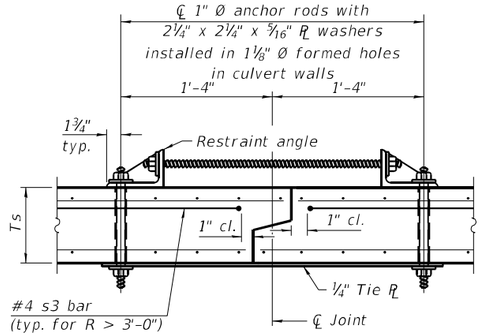


SECTION D-D

*** This dimension shall be increased by 2" for CIP construction.



SECTION E-E



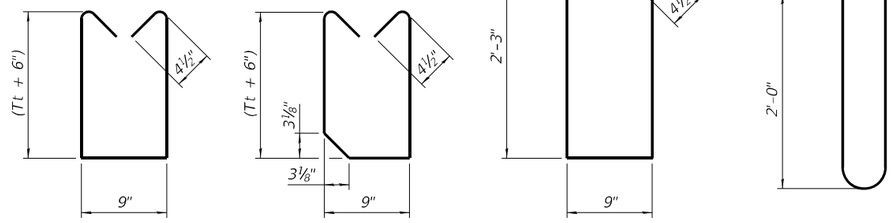
SECTION F-F
(Showing culvert tie details)

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

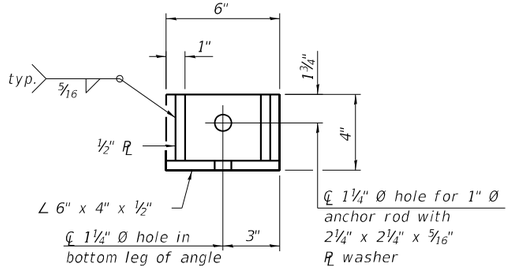


BAR s

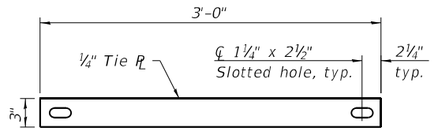
BAR s1

BAR s2

BAR s3



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

Notes:

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2¼"x2¼"x5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional ½ turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

SCB-AES 2-17-2017

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT Documents\IDOT Office of District 9:projects\78633\CADData\CADSheets\D978633-Sht-Detail.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

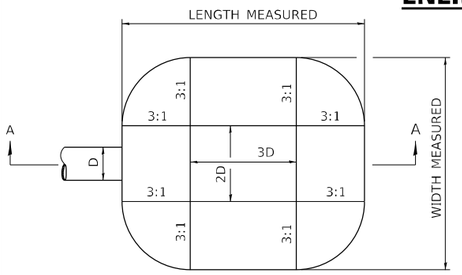
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS – STRUCTURE NO.

SCALE: | SHEET OF SHEETS | STA. | TO STA.

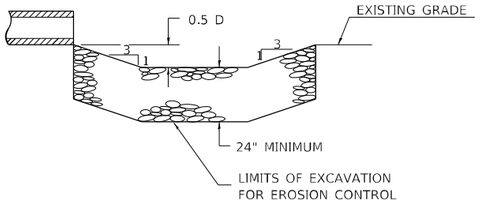
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	294
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		

ENERGY DISSIPATOR



D= INSIDE DIAMETER OF PIPE CULVERT
OR CLEAR HEIGHT OF BOX CULVERT

PLAN



SECTION A–A

EARTH EXCAVATION FOR ENERGY DISSIPATOR

THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE SKETCH TO THE LENGTH, WIDTH, AND DEPTH AS SPECIFIED. THE EARTH EXCAVATION WILL BE UTILIZED IN THE ROADWAY EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER. THE EXCAVATION SHALL BE PERFORMED AT THE SAME TIME AS THE CULVERT OR DITCH IS CONSTRUCTED TO SERVE AS A TEMPORARY SEDIMENT TRAP.

EARTHWORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE RIPRAP.

ENERGY DISSIPATOR IS TO BE CONSTRUCTED AT THE LOCATION INDICATED ON THE PLAN AND PROFILE SHEETS.

RIPRAP FOR ENERGY DISSIPATOR

RIPRAP FOR ENERGY DISSIPATOR SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 EXCEPT AS REVISED HEREIN.

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT SHALL BE AS SPECIFIED IN THESE DETAILS UNLESS OTHERWISE SPECIFIED IN THE PLANS. THE OUTSIDE CORNERS CAN BE ROUNDED OR SQUARED.

THE RIPRAP FOR THE ENERGY DISSIPATOR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR STONE DUMPED RIPRAP.

THE STONE DUMPED RIPRAP SHALL CONFORM TO THE QUALITY AND GRADATION REQUIREMENTS OF STONE RIPRAP, CLASS A4.

FILTER FABRIC AND BEDDING MATERIAL AS SPECIFIED IN SECTION 281 WILL NOT BE REQUIRED.

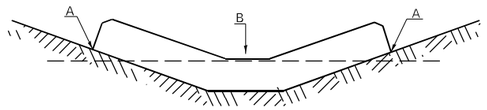
STD 9-6

REVISIONS

REDRAWN	2-15-89
REVISED	11-3-93
REVISED	8-15-94
REVISED	12-14-01
REVISED	3-26-08
REVISED	5-16-13
REVISED	10-21-21

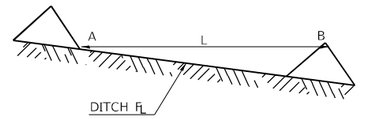
TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



POINTS A SHOULD BE HIGHER THAN POINT B

SPACING BETWEEN TEMPORARY DITCH CHECKS



L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION

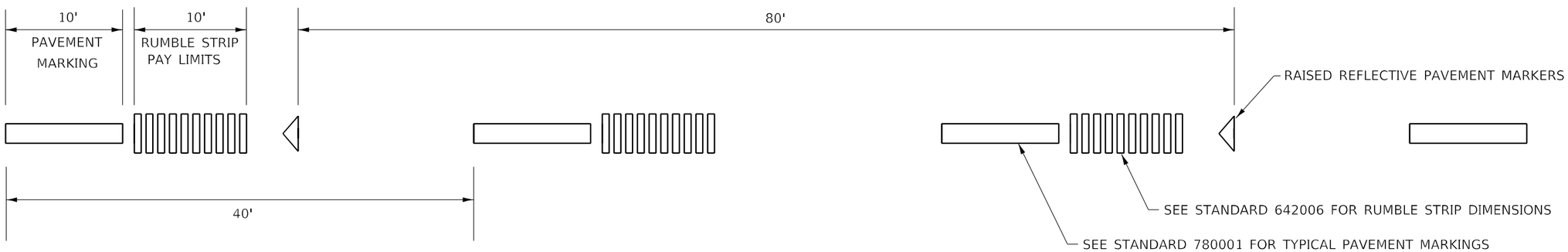
B = THE LOW POINT IN CENTER OF CHECK

STD. 9-108

REVISIONS

DRAWN	9-01-99
REVISED	10-3-01
RESIZED	5-8-08
REVISED	05-04-10
REVIEWED	5-17-13
REVISED	10-21-21

CENTERLINE RUMBLE STRIP DETAIL



TO BE USED:
STA 232+00 TO STA 243+00

STD. 9-63

REVISIONS

DRAWN	01-08-19
REVISED	10-21-21
REVISED	06-30-23
REVISED	

MODEL: Default
FILE NAME: p:\dist-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\0978633-Shtt-Detail.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

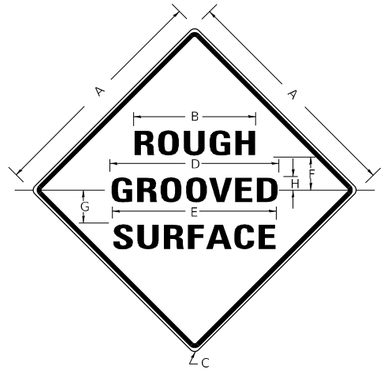
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	295
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

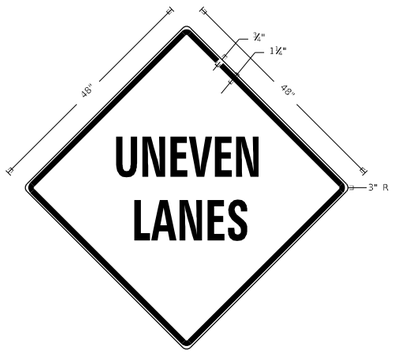
REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13
REVISED	10-21-21

STD. 9-39

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
REDSIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13
REVISED	10-21-21

STD. 9-41

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT\Documents\IDOT Offices\District 9\Projects\78633\CADD\Stat\CADsheets\D978633-SHT-Detail.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

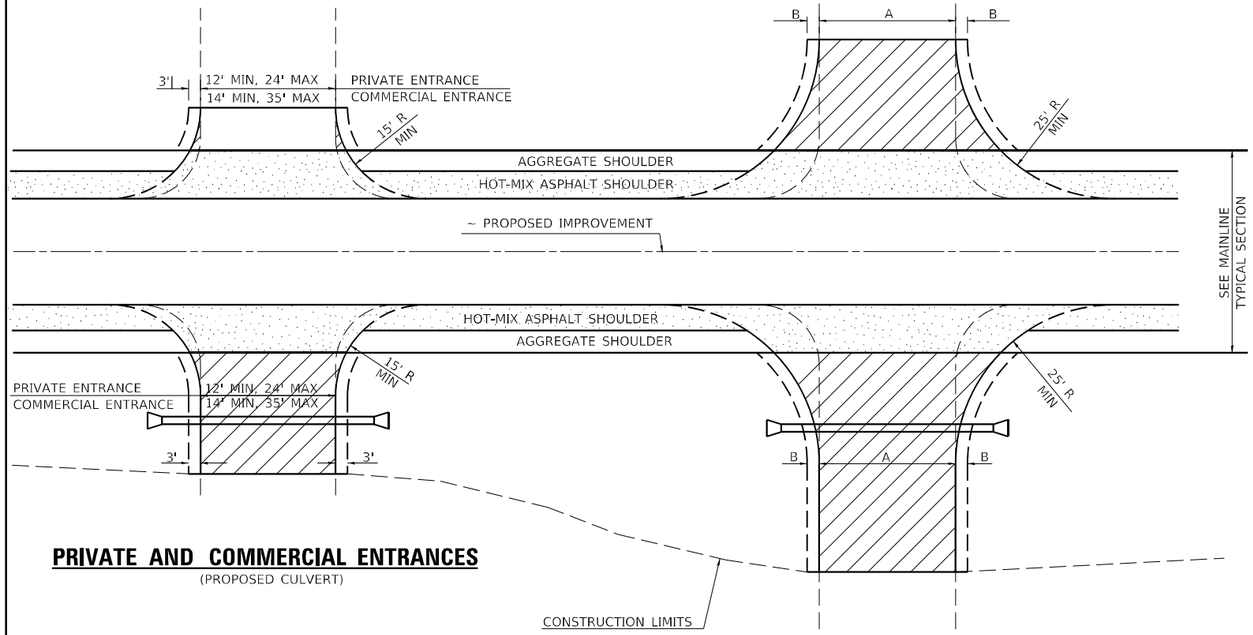
DETAIL SHEET

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	296
		CONTRACT NO. 78633		
		ILLINOIS FED. AID PROJECT		

RURAL SIDE APPROACH DETAILS

PRIVATE AND COMMERCIAL ENTRANCES



PRIVATE AND COMMERCIAL ENTRANCES

(PROPOSED CULVERT)

SIDEROADS

SIDEROADS

(PROPOSED CULVERT)

SIDEROAD DIMENSIONS (MIN.)

ADT	A (FT)	B (FT)
0 TO 250	18'	2'
250 TO 400	20'	2'
GREATER THAN 400	22'	4'

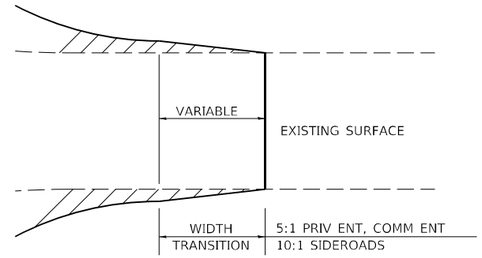
FIELD ENTRANCE TREATMENT

CONSTRUCT MAINLINE HOT-MIX ASPHALT AND AGGREGATE SHOULDERS THROUGH FIELD ENTRANCES.

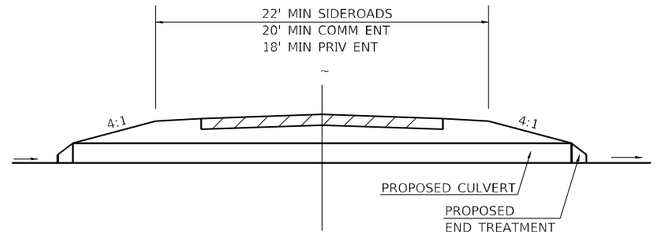
IF A PIPE IS REQUIRED, PROVIDE A 22' WIDE EARTH EMBANKMENT WITH 15' RADII AT THE INTERSECTION.

WIDTH TRANSITION DETAIL TO EXISTING

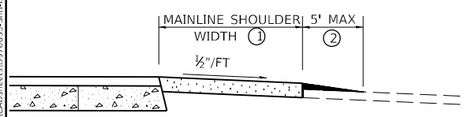
(IF APPLICABLE)

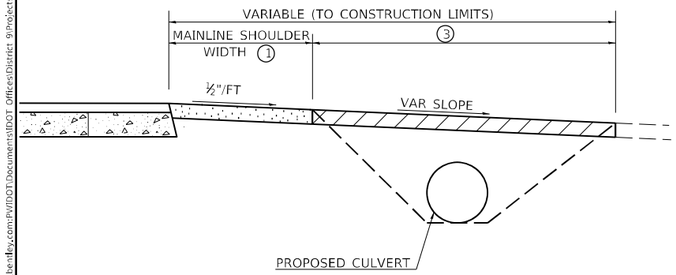


DETAIL FOR CALCULATING CULVERT LENGTH

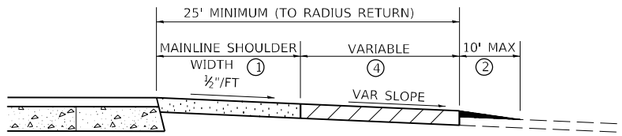


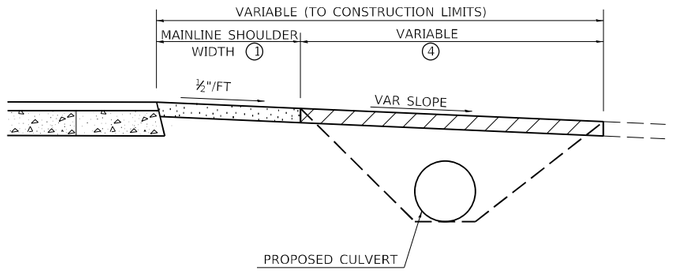
PRIVATE AND COMMERCIAL ENTRANCES





SIDEROADS





LEGEND

① CONSTRUCT HOT-MIX ASPHALT SHOULDER "FULL SHOULDER WIDTH" THROUGH ENTRANCE/INTERSECTION UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

② IF REQUIRED, AGGREGATE TAPER FOR EXISTING GRAVEL SURFACE; HOT-MIX ASPHALT TAPER FOR EXISTING HIGHER TYPE SURFACES.

③ 6" AGGREGATE SURFACE COURSE FOR EXISTING GRAVEL SURFACE; 2" HOT-MIX ASPHALT RESURFACING ON 4" AGGREGATE BASE COURSE FOR EXISTING HOT-MIX ASPHALT SURFACE; PCC DRIVEWAY PAVEMENT (6" - PE; 7" - CE) FOR EXISTING CONCRETE SURFACE.

④ 3" MINIMUM HOT-MIX ASPHALT RESURFACING ON 8" MINIMUM AGGREGATE BASE COURSE FOR EXISTING GRAVEL SURFACE OR OIL & CHIP SURFACE; MATCH EXISTING FOR EXISTING HIGHER TYPE SURFACES.

GENERAL NOTES

1. ENTRANCE LOCATIONS ARE TO COMPLY WITH IDOT'S POLICY "ACCESS TO STATE HIGHWAYS".
2. IN GENERAL, RELOCATED PRIVATE ENTRANCES ARE TO HAVE A 16' WIDE SURFACE WITH 3' WIDE SHOULDERS (22' WIDE EMBANKMENT).
3. SEE PLANS FOR PROPOSED PROFILE GRADES AT ENTRANCES/SIDEROADS. THE DESIRABLE MAXIMUM PROFILE GRADE FOR ENTRANCES ARE 12% FOR PE; 10% FOR CE.
4. ENTRANCE PIPE CULVERTS ARE TO BE A MINIMUM 15" DIAMETER AND NORMALLY REPLACED IN KIND; SIDEROAD PIPE CULVERTS ARE GENERALLY TO BE CONCRETE (18" MINIMUM DIAMETER).
5. THE INTERSECTION RADII OF SIDEROADS SHALL BE AS SHOWN ON THE PLANS.

REVISIONS

DRAWN	3-15-91
REVISED	10-02-91
REVISED	5-15-92
REVISED	1-20-00
REVISED	01-11-07
RESIZED	5-7-08
REVIEWED	5-17-13
REVISED	10-21-21

STD. 9-83

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Project\78633\CADData\CADSheets\0978633-Sht-Detail.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

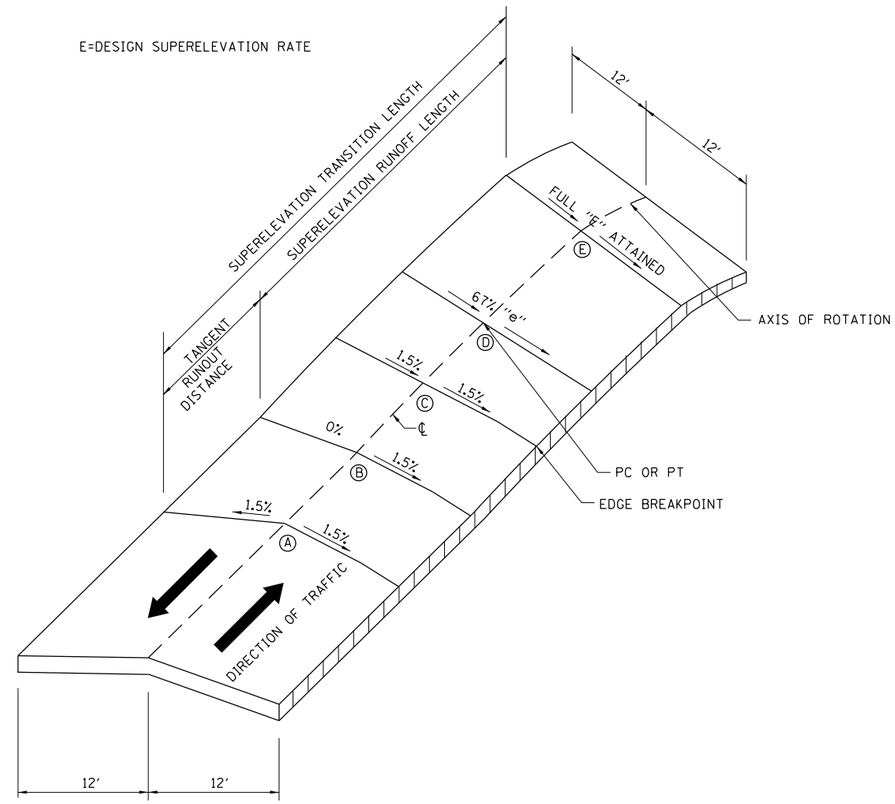
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL SIDE APPROACH DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	297
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	

SUPERELEVATION RATES DETAIL AND TABLE



SOUTH BOUND

NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD.

CURVE NAME	FULL SUPER RATE "E"	STA. A	STA. B	STA. C	STA. D	STA. E
CURVE #1						
ATTAIN	4.51%	63+84.22	64+22.66	64+61.09	65+00.27 [PC]	65+38.22
REMOVE	4.51%	78+09.02	77+70.58	77+32.15	76+92.97 [PT]	76+55.02
CURVE #2						
ATTAIN	2.33%	107+26.47	107+64.46	108+02.45	108+04.00 [PC]	108+23.47
REMOVE	2.33%	140+14.13	139+76.14	139+38.15	138+87.30 [PT]	138+67.83
CURVE #3						
ATTAIN	5.65%	212+79.22	213+17.61	213+56.00	214+17.70 [PC]	214+62.22
REMOVE	5.65%	225+63.80	225+25.41	224+87.01	224+24.30 [PT]	223+76.78
CURVE #4						
ATTAIN	5.65%	233+82.42	234+20.81	234+59.20	235+17.90 [PC]	235+65.42
REMOVE	5.65%	246+74.22	246+35.83	245+97.44	245+36.20 [PT]	244+88.68
CURVE #5						
ATTAIN	4.97%	282+68.51	283+07.00	283+45.48	283+92.60 [PC]	284+34.51
REMOVE	4.97%	293+84.88	293+46.39	293+07.91	292+55.90 [PT]	292+13.99
CURVE #6						
ATTAIN	4.98%	349+03.31	349+41.74	349+80.16	350+27.40 [PC]	350+69.31
REMOVE	4.98%	362+19.70	361+81.27	361+42.85	360+91.80 [PT]	360+49.89
CURVE #7						
ATTAIN	4.56%	382+04.66	382+43.03	382+81.39	383+21.38 [PC]	383+59.66
REMOVE	4.56%	394+60.25	394+21.88	393+83.52	393+38.38 [PT]	393+00.10
CURVE #8						
ATTAIN	2.34%	406+41.00	406+79.67	407+18.34	407+20.20 [PC]	407+40.00
REMOVE	2.34%	425+19.66	424+80.99	424+42.32	424+36.90 [PT]	424+17.10
CURVE #9						
ATTAIN	4.98%	426+25.21	426+63.64	427+02.06	427+49.30 [PC]	427+91.21
REMOVE	4.98%	438+17.29	437+78.86	437+40.44	436+93.20 [PT]	436+51.29
CURVE #10						
ATTAIN	5.86%	0+61.48	1+00.00	1+38.52	2+00.98 [PC]	2+50.48
REMOVE	5.86%	12+75.62	12+37.10	11+98.58	11+36.12 [PT]	10+86.62

USER NAME = elise.krop	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

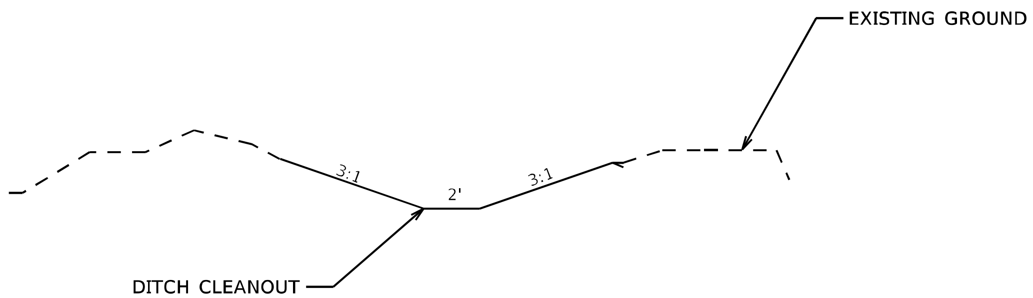
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPER ELEVATION TABLE

SCALE: | SHEET OF SHEETS | STA. | TO STA.

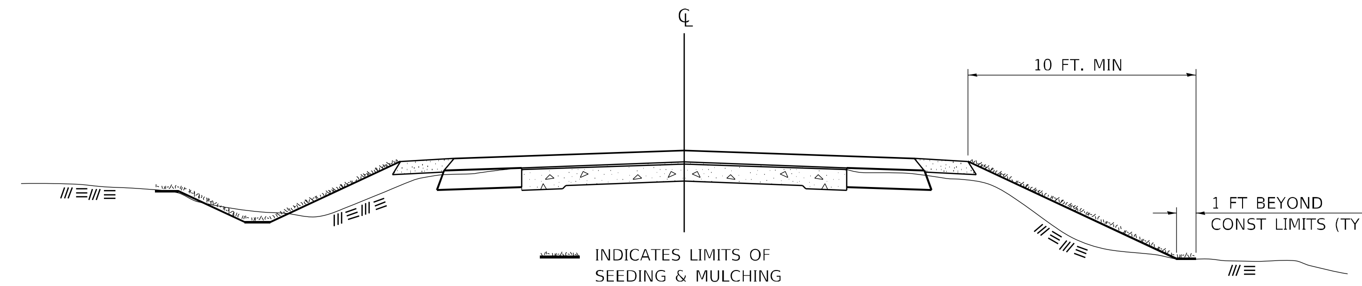
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	298
		CONTRACT NO. 78633		
	ILLINOIS	FED. AID PROJECT		

DITCH CLEANOUT TYPICAL



USE THIS TYPICAL AT ALL DITCH CLEANOUT ON THE DOWNSTREAM END
SEE LOCATIONS ON DITCH CLEANOUT PLAN & PROFILE SHEETS

SEEDING & MULCHING



GENERAL NOTES

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

ON DETOUR ROADS, SLOPES SHALL BE SEEDED IMMEDIATELY UPON COMPLETION OF ANY GIVEN STAGE GRADING. TEMPORARY SEEDING SHALL BE CLASS 7.

FERTILIZER NUTRIENTS SHALL BE APPLIED TO ALL SEEDED AREAS.
LIMESTONE SHALL BE APPLIED TO ALL AREAS OF FINAL SEEDING.

THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR ROAD AND BRIDGE CONSTRUCTION.

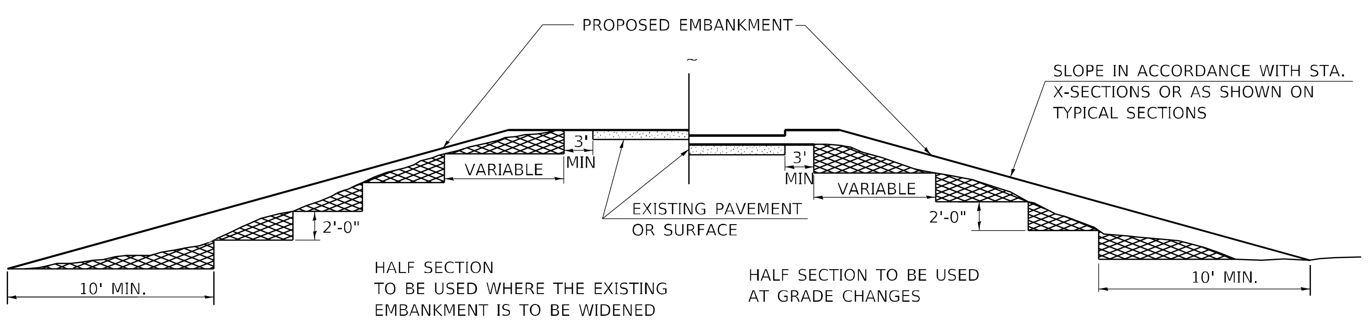
SECTIONS 250 AND 251 SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

REVISIONS

REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08
REVISED	5-16-13
REVISED	10-21-21

STD. 9-12

TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL



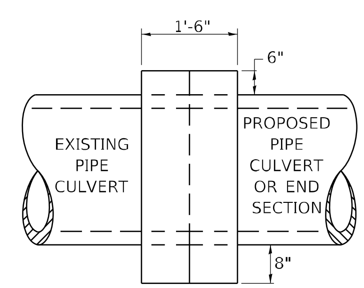
STEPS SHALL BE CUT IN THE EXISTING SLOPE IN ACCORDANCE WITH ART. 205.03 EXCEPT THAT THE REQUIREMENT THAT STEPS SHALL BE CUT INTO THE EXISTING SLOPE BEFORE THE CONTRUCTION OF THE EXISTING EMBANKMENT IS STARTED SHALL NOT APPLY. MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.

REVISIONS

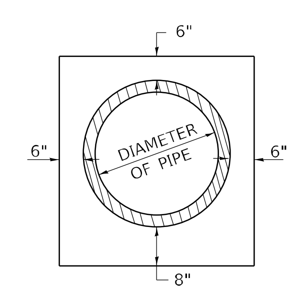
REDRAWN	2-15-89
REVISED	8-15-94
CHECKED	6-3-99
RESIZED	5-7-08
REVIEWED	5-17-13
REVISED	4-22-21
REVISED	10-21-21

STD. 9-16

CONCRETE COLLAR
PIPE TO PIPE



SIDE VIEW



END VIEW

TABULATION

DIAMETER OF PIPE	CL SI CONC CU YDS EST
12"	0.24
15"	0.29
18"	0.32
24"	0.44
30"	0.56
36"	0.66
42"	0.80
48"	0.93
54"	1.07
60"	1.22
72"	1.55

THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS THE EXISTING HEADWALLS AS MAY BE REQUIRED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

REVISIONS

DRAWN	7-13-90
REVISED	8-22-94
REVISED	3-26-08
REVISED	5-17-13
REVISED	10-21-21

STD. 9-79

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Projects\78633\CADData\CADsheets\D978633-Shtl-Detail.dgn

USER NAME = elise.knop	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE -	REVISED -	

DETAIL SHEET

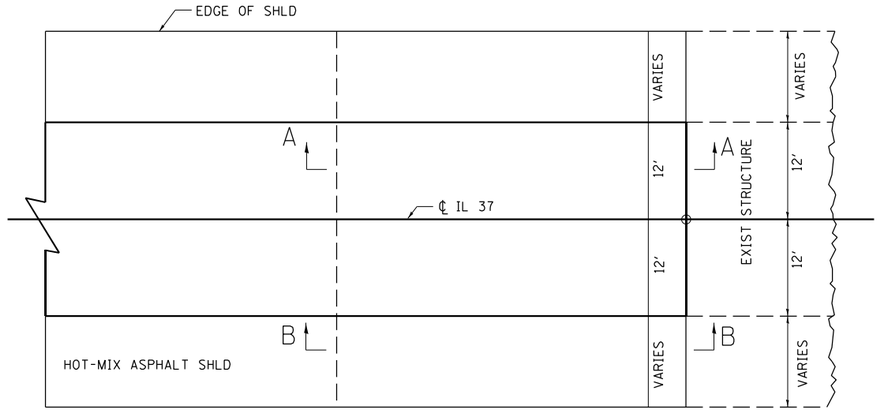
SCALE: SHEET OF SHEETS STA. TO STA.

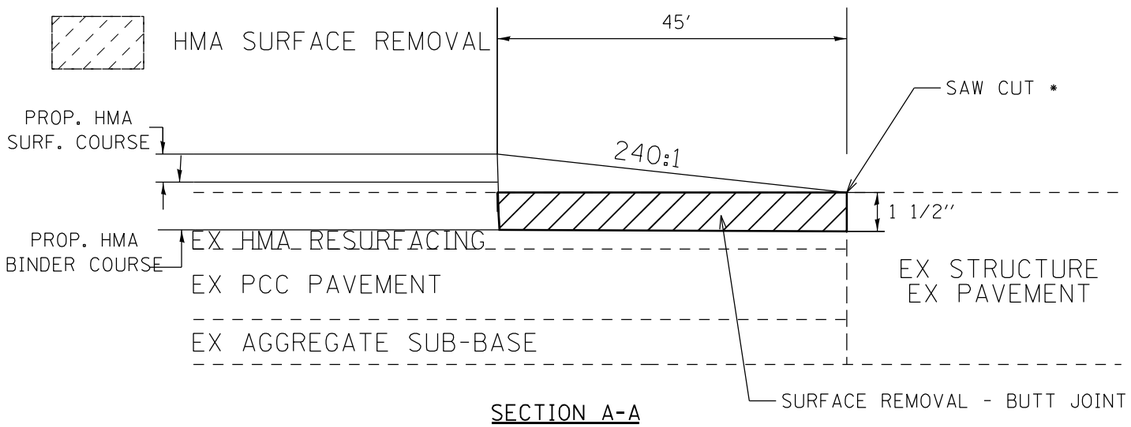
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	299

CONTRACT NO. 78633

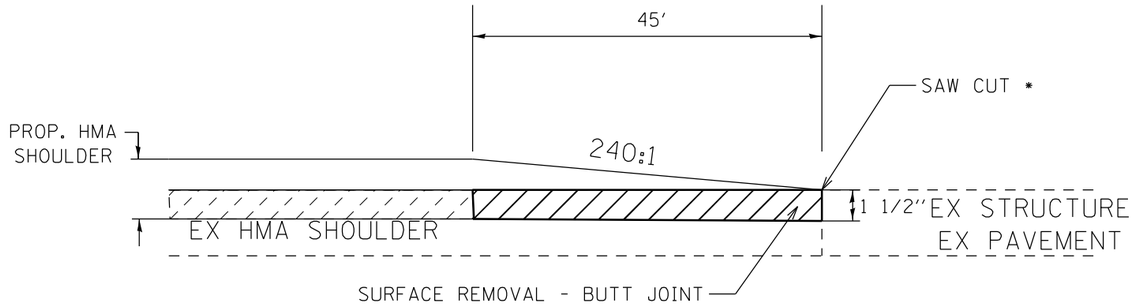
ILLINOIS FED. AID PROJECT

TRANSITION DETAILS





SECTION A-A



SECTION B-B

TO BE USED:
SN 100-0070
SN 100-2024
SN 100-0090
STA 1+65

* SAW CUTS REQUIRED FOR BUTT JOINTS SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.

MODEL: Default
FILE NAME: pw:\\ild01-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\Project\78633\CADData\CADSheets\D9Z8633-SHT-Detail.dgn

USER NAME = elise.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSITION DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	300
		CONTRACT NO. 78633		
		ILLINOIS	FED. AID PROJECT	