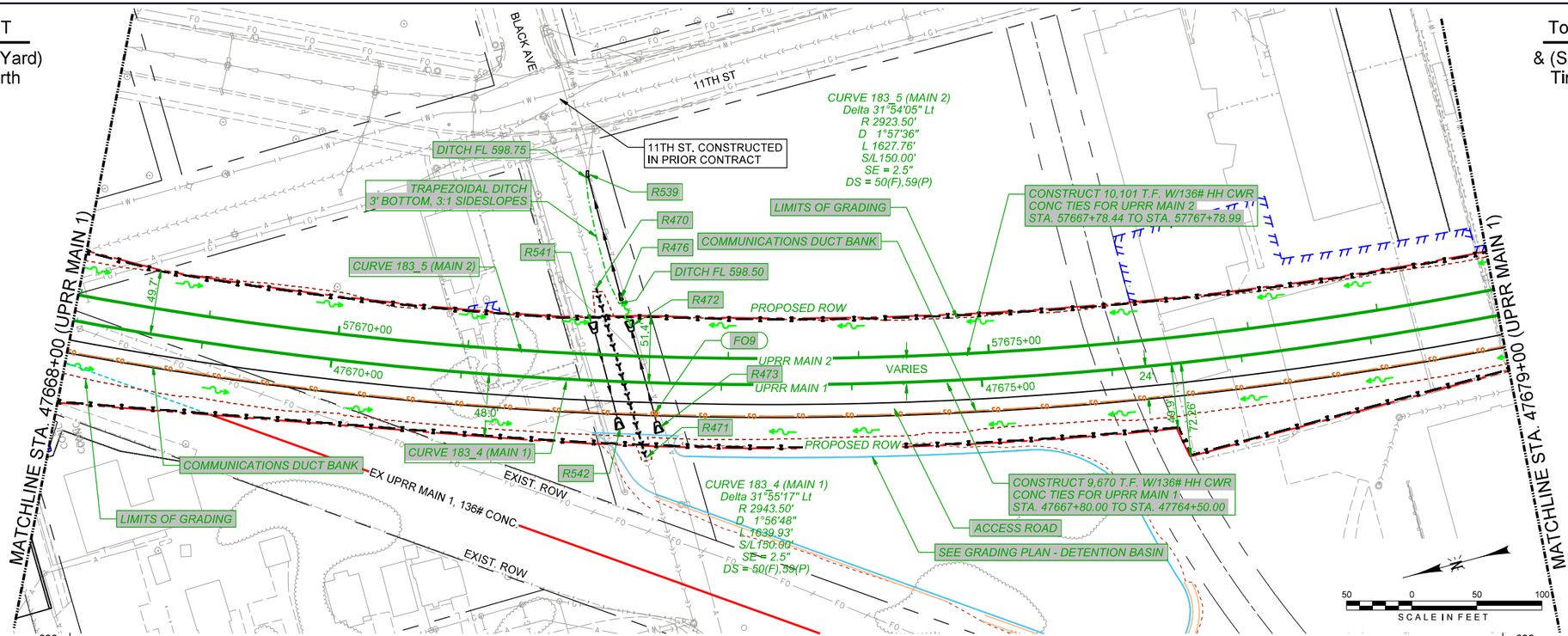
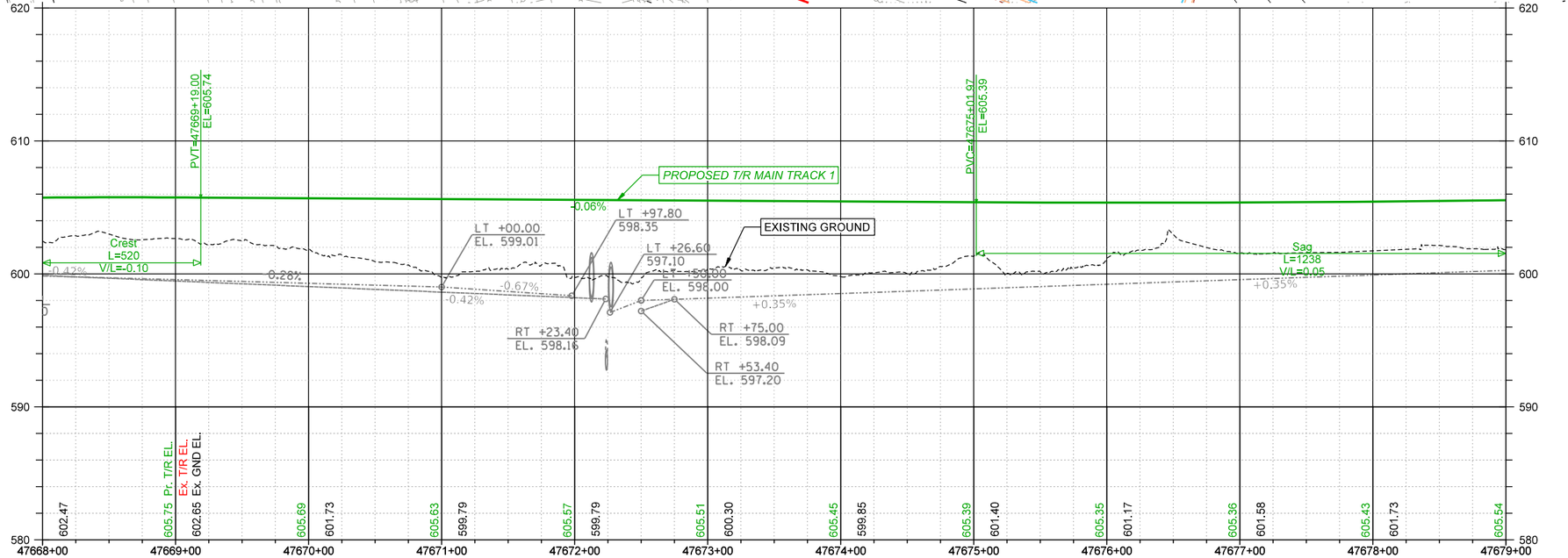
To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South





LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

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

FINAL PLANS

MODEL: Sheet 4
FILE NAME: pw:\\hansoninc-pw.zienthey.com:hanson-sow-011Documents\09Jobs\09L0179B\Usable Segments III - V - WCADD\Rail\Usable Segment VI - UPRRSheet\D609L0179B-sht-planprf-01_UPRR.dgn

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HANSON

USER NAME = pop00275	DESIGNED - GCN	REVISED -
	DRAWN - DJP	REVISED -
PLOT SCALE = 100.0006 sf / in.	CHECKED - GCN	REVISED -
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 4

SCALE: | SHEET 4 OF 20 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	201
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

MATCHLINE STA. 47679+00 (UPRR MAIN 1)

MATCHLINE STA. 47692+00 (UPRR MAIN 1)

CONVERSE AVE

CURVE 183_5 (MAIN 2)

CURVE 183_4 (MAIN 1)

PCS 57680+28.90

PT 57681+78.90

PCS 47680+39.53

PT 47681+89.53

R477

R478

R479

R480

R481

R482

C1

C2

C3

C4

C13

C4984

A

B

FO10

FO11

FO12

LIMITS OF GRADING

ACCESS ROAD

INSTALL 2 CROSSINGS
STA. 47684+79.86 (MAIN1)
STA. 57684+69.19 (MAIN 2)
CL PUB XING
DOT# TBD
80' CONCRETE (10C) EACH
MP 183.74

ELECTRIC SERVICE
INSTALLATION, SPECIAL

PROPOSED ROW

UPRR MAIN 2

UPRR MAIN 1

57680+00

47680+00

57690+00

47690+00

50'

20'

35'

40'

23'

LIMITS OF GRADING

PROPOSED ROW

ACCESS ROAD

COMMUNICATIONS DUCT BANK

LEGEND

= PROPOSED STORM SEWER

= DITCH FLOW ARROW

A TRANSITION TIES PER UPRR STANDARD DRAWING 0304.

B INSULATED JOINTS PLACED 50' FROM EDGE OF TRAVELWAY ON SOUTH SIDE OF CROSSING.

SCALE IN FEET
50 0 50 100

1 PROPOSED CROSSING
UPRR MAIN 1 STA. 47684+39.86
T/R 606.98, MP 183.73

2 PROPOSED CROSSING
UPRR MAIN 1 STA. 47685+19.86
T/R 607.31, MP 183.75

PROPOSED T/R MAIN TRACK 1

PVI=47681+20.97
EL=605.02

PVT=47687+39.97
EL=608.39

PVC=47691+37.00
EL=610.56

Sag
L=1238
V/L=0.05

Crest
L=670
V/L=-0.10

0.55%

+0.35%

+0.40%

+0.47%

+0.26%

LT +50.00
EL. 602.80

RT +73.00
EL. 602.60

LT & RT +00.00
EL. 602.00

LT & RT +00.00
EL. 604.60

EXISTING GROUND

630
620
610
600
590

	Pr. T/R EL.	Ex. T/R EL.	Ex. GND EL.
47679+00	605.70		601.82
47680+00			601.82
47681+00	605.90		601.93
47682+00	606.16		602.45
47683+00	606.47		603.20
47684+00	606.82		603.78
47685+00	607.22		602.16
47686+00	607.68		605.89
47687+00	608.18		606.12
47688+00	608.72		605.74
47689+00	609.26		605.83
47690+00	609.81		607.42
47691+00	610.36		607.30
47692+00	610.88		

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
B.M. NOTED
STRUCTURE NO(S)/ATN'S CHKD
NOTE BOOK
NO.
BY
DATE

FINAL PLANS

MODEL: Sheet 5
FILE NAME: pw:\\hanson-inc-pw.zientky.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-plnprf-01_UPRR.dgn

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HANSON

USER NAME = pop00275	DESIGNED - GCN	REVISED -
	DRAWN - DJP	REVISED -
PLOT SCALE = 100.0006 sf / in.	CHECKED - GCN	REVISED -
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 5

SCALE: SHEET 5 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	202
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

NORTH GRAND AVE

RESERVOIR ST

DIVISION ST

UP MP 184

MATCHLINE STA. 47692+00 (UPRR MAIN 1)

MATCHLINE STA. 47705+00 (UPRR MAIN 1)

INSTALL OVERPASS
STA. 47694+10.66
CL PUB OVERPASS
DOT# TBD
MP 183.94

PUMP STATION

LIMITS OF GRADING

COMMUNICATIONS DUCT BANK

UPRR MAIN 2

UPRR MAIN 1

EXIST. ROW

PROPOSED ROW

ACCESS ROAD

LIMITS OF GRADING

10TH ST

CURVE 184A_5 (MAIN 2)
Delta 8°05'58" Rt
R 2884.93'
D 1°59'10"
L 257.81'
S/L150.00'
SE = 2.5"
DS = 50(F),59(P)

CURVE 184A_4 (MAIN 1)
Delta 8°05'58" Rt
R 2864.93'
D 2°00'00"
L 254.99'
S/L150.00'
SE = 2.5"
DS = 50(F),59(P)

SPBGR TY A W/ ROAD CLOSED
R11-2 48"x30" AND OM4-3 18"x18"
ON GUARDRAIL

SEE GRADING PLAN
DETENTION BASIN

N7 N8 N9 N10 N11 N12 N13 N14 N15 N16 N17 N18 N19 N20 N21 N22

R483 R484 R485 R486 R487 R488 R490 R491 R491A R492 R494 R495 R496 R497 R537 R538 R543 R544 R3050

S14 FO13 FO14

PS 57699+02.63
PSC 57700+52.63
PCS 57703+10.44
PT 57704+60.44
PS 47699+13.26
PSC 47700+63.26
PCS 47703+18.24
PT 47704+68.24

50' 20' 40' 23' 65' 35'

57695+00 47695+00 57700+00 47700+00

SCALE IN FEET 50 0 50 100

LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

A STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 6005.
B BRIDGE TO BE PRE-BALLASTED BEFORE SURFACING.
1 ABUTMENT UPRR MAIN 1 STA. 47693+67.16 T/R 611.54, MP 183.92
2 ABUTMENT UPRR MAIN 1 STA. 47694+57.09 T/R 611.79, MP 183.94

PVI=47694+72.00
EL=612.38

PVI=47698+07.00
EL=611.98

PROPOSED T/R MAIN TRACK 1

-0.12%

Crest
L=670
VAL=0.10

LT & RT +40.00
EL. 605.50

RT+80
EL. 603.50

RT+70
603.85

LT +30.00
EL. 604.00

-0.46%

-1.29%

+6.00%

-0.30%

LT +00.00
EL. 601.80

LT +25.00
EL. 603.30

RT+00.00
EL. 602.49

+0.30%

RT+70.00
EL. 603.30

EXISTING GROUND

-0.33%

-0.30%

-0.20%

+0.12%

+0.31%

LT +92.00
EL. 601.90

RT +30.00
EL. 605.00

RT+98.50
EL. 602.55

Pr. T/R EL.
Ex. T/R EL.
Ex. GND EL.

605.20 611.31 606.71
611.65 605.57
611.88 604.86
612.02 605.14
612.05 605.88
611.99 605.55
611.87 607.33
611.75 606.31
611.63 606.02
611.51 606.38
611.39 605.72
611.27 606.01
611.16

630 620 610 600 590

47692+00 47693+00 47694+00 47695+00 47696+00 47697+00 47698+00 47699+00 47700+00 47701+00 47702+00 47703+00 47704+00 47705+00

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
B.M. NOTED
STRUCTURE NO
DATE
BY
STATIONS CHKD

FINAL PLANS

MODEL: Sheet 6
FILE NAME: pw:\\hanson\Inc-pw.zienfdcy.com:hanson-pw-01\Documents\09\jobs\09L0179B\Usable Segments III - V - VII\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-alt-alnprf-01_UPRR.dgn

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USER NAME = hardl02376	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0008 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 10/15/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 6

SCALE: SHEET 6 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	203
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

MATCHLINE STA. 47705+00 (UPRR MAIN 1)

MATCHLINE STA. 47717+00 (UPRR MAIN 1)

CURVE 184B_5 (MAIN 2)
Delta 7°10'28" Lt
R 2864.93'
D 2°00'00"
L 208.73'
S/L150.00'
SE = 2.5"
DS = 50(F),59(P)

(A) SPBGR TY A W/ ROAD CLOSED R11-2 48"x30" AND OM4-3 18"x18" ON GUARDRAIL

(B) ROAD CLOSED R11-2 48"x30" AND OM4-3 18"x18" ATTACHED TO FENCE

PHILLIPS AVE
NO EXISTING CROSSING

EXISTING ROW

PROPOSED ROW

DETENTION BASIN

LIMITS OF GRADING

EX. NSRR MAIN 1

UPRR MAIN 2

UPRR MAIN 1

ENTERPRISE ST

CURVE 184B_4 (MAIN 1)
Delta 7°10'28" Lt
R 2884.93'
D 1°59'10"
L 271.24'
S/L150.00'
SE = 2.5"
DS = 50(F),59(P)

COMMUNICATIONS DUCT BANK

ACCESS ROAD

R498 R499 R500 R501 R502 R503 R504 R505 R506 R507 R508 R533 R534 R535 R540 R592

FO15 FO16

VARIES

65' 35' 20' 23' 40'

52353+00 52360+00 57705+00 47705+00 57710+00 47710+00 57715+00 47715+00

57709+60.44 47709+68.24 PS
57711+10.42 47711+18.24 PSC
57713+19.47 47713+29.48 PCS
57714+69.47 47714+79.48 PT

LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

SCALE IN FEET 50 0 50 100

PROPOSED T/R MAIN TRACK 1

EXISTING GROUND

PVC=47710+93.00 EL=610.45

PVI=47714+68.00 EL=610.00

-0.12% +0.12% -0.31% -0.20% +2.57% +0.33% -0.31% +0.33% +0.30% 0.39% 0.20% +0.30% +0.80% +0.20%

Sag L=750 V/L=0.05

RT +85.00 EL. 605.55
RT +40.00 EL. 603.30
LT +40.00 EL. 601.00
LT +75.00 EL. 601.90
RT +15.00 EL. 605.70
LT +04.00 EL. 602.25
RT +85.00 EL. 602.55
LT +00.00 EL. 603.90
LT +05.00 EL. 604.50
RT +00.00 EL. 604.20
LT +85.00 EL. 605.20
RT +00.00 EL. 605.10
RT +80.00 EL. 605.50
LT +85.00 EL. 605.60 N
EL. 605.85 S

Pr. T/R EL. Ex. T/R EL. Ex. GND EL.

605.63 611.04 605.90 610.92 606.28 610.80 606.73 610.68 605.75 610.56 605.97 610.44 605.34 610.35 606.30 610.31 606.41 610.32 607.09 610.38 607.45 610.49 607.46 610.66

47705+00 47706+00 47707+00 47708+00 47709+00 47710+00 47711+00 47712+00 47713+00 47714+00 47715+00 47716+00 47717+00

630 620 610 600 590

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX

NOTE WORK BY UPRR

NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
B.M. NOTED
STRUCTURE NO
TA'NS CHKD
NOTE BOOK
NO.
BY
DATE

FINAL PLANS

MODEL: Sheet 7
FILE NAME: pw:\\hanson-inc-pw.zientky.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-plt-alnprf-01_UPRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0009 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 10/1/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 7

SCALE: SHEET 7 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	204
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

MATCHLINE STA. 47717+00 (UPRR MAIN 1)

MATCHLINE STA. 47730+00 (UPRR MAIN 1)

ENOS AVE

MILLER ST

CARPENTER ST

SECTION LINE

EXISTING ROW

PROPOSED ROW

ACCESS ROAD

LIMITS OF GRADING

EX. NSRR MAIN 1

UPRR MAIN 2

UPRR MAIN 1

VARIES

52365+00

52370+00

52375+00

57720+00

47720+00

57725+00

47725+00

35'

45'

20'

23'

R511 R524 R612 TRAPEZOIDAL DITCH 3' BOTTOM, 3:1 SIDESLOPES R525 R611 R517 R521 R509 R510 R522 R528 R531 R605 R606 R518 R527 R523 R529 FO17 FO18 FO19

INSTALL 2 CROSSINGS
STA. 47719+11.41 (MAIN 1)
STA. 57719+01.10 (MAIN 2)
CL PUB XING
20' CONCRETE (10C) EACH
DOT # 479322P
MP 184.39

ELECTRIC SERVICE INSTALLATION, SPECIAL

COMMUNICATIONS DUCT BANK

CURVE 184C_5 (MAIN 2)

CURVE 184C_4 (MAIN 1)

PS 57728+55.33 PSC 57729+17.33 PSC 57728+43.48 PS 57729+02.02

EXISTING UNDERPASS
STA. 47727+37.87
CL PUB UNDERPASS
DOT # 960832R
MP 184.57

LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

N

50 0 50 100
SCALE IN FEET

A TRANSITION TIES PER UPRR STANDARD DRAWING 0304.

B INSULATED JOINTS PLACED 50' FROM SOUTH SIDE OF TRAVELWAY ON SOUTH SIDE OF PEDESTRIAN CROSSING.

C CANTILEVER SIGNAL PLACED 50' FROM SOUTH EDGE OF TRAVELWAY IN TIMMETABLE SOUTH DIRECTION (FOUNDATION ON WEST SIDE OF TRACKS).

D INSTALL CROSSING (BY NSRR) STA. 52366+84.21
CL PUB XING, 16' ASPHALT WITH RUBBER FLANGEWAY
DOT #479322p, MP DH-413.68

1 PROPOSED PEDESTRIAN CROSSING UPRR MAIN 1 STA. 47719+01.41 T/R 611.13, MP 184.40

2 PROPOSED PEDESTRIAN CROSSING UPRR MAIN 1 STA. 47719+21.41 T/R 611.18, MP 184.40

3 ABUTMENT UPRR MAIN 1 STA. 47726+93.87 T/R 612.94, MP 184.55

4 ABUTMENT UPRR MAIN 1 STA. 47727+81.87 T/R 612.95, MP 184.57

PROPOSED T/R MAIN TRACK 1

EXISTING GROUND

PVT=47718+43.00 EL=610.98
LT+35.00 EL. 606.46
LT+10.00 EL. 606.41
LT+10.00 EL. 606.13
LT+85.00 EL. 606.25
RT +40.51 EL. 605.88
RT +00.00 EL. 606.45
RT +10.00 EL. 604.10
LT+50.00 EL. 607.02
LT+50.00 EL. 606.71
LT+25.00 EL. 607.48
LT+25.00 EL. 607.15
RT +00.00 EL. 605.00
PVC=47724+43.48 EL=612.57
LT+00.00 EL. 607.92
LT+00.00 EL. 607.58
PVI=47726+48.48 EL=613.08
Crest L=390 V/L=-0.09
RT +70.00 EL. 606.10
LT+70.00 EL. 608.33
PVT=47728+43.48 EL=612.92

Sag L=750 V/L=0.05

0.26% +0.20% -0.44% 0.44% +0.31% 0.44% +0.30% 0.44% -0.08%

Pr. T/R EL. Ex. T/R EL. Ex. GND EL.

607.08 610.87 607.14 611.13 606.97 611.39 608.47 611.65 605.22 611.91 606.89 612.17 606.38 612.43 607.30 612.68 607.74 612.86 608.82 612.95 607.49 612.95 607.82 612.87 607.80 612.79

630 620 610 600 590

47717+00 47718+00 47719+00 47720+00 47721+00 47722+00 47723+00 47724+00 47725+00 47726+00 47727+00 47728+00 47729+00 47730+00

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX

NOTE WORK BY UPRR

NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
B.M.: NOTED
STRUCTURE NO
DATE
BY
TYPICALS CHKD

FINAL PLANS

MODEL: Sheet 8
FILE NAME: pw:\\hansonlnc-pw.zientley.com:hanson-sow-011Documents\99\ois\09L0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-aplanprf-01_UPRR.dgn

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HANSON

USER NAME = pop00275	DESIGNED - GCN	REVISED -
	DRAWN - DJP	REVISED -
PLOT SCALE = 100.0003 sf / in.	CHECKED - GCN	REVISED -
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 8

SCALE: SHEET 8 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	205
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

MATCHLINE STA. 47730+00 (UPRR MAIN 1)

MATCHLINE STA. 47742+00 (UPRR MAIN 1)

NS MP 414

MADISON ST. CONSTUCTED IN PRIOR CONTRACT DOT# 479327Y MP 184.80

MADISON ST

Ⓐ SPBGR TY A W/ ROAD CLOSED R11-2 48"x30" ON GUARDRAIL

CURVE 184C_5 (MAIN 2)
Delta 4°13'21" Lt
R 6300.52'
D 0°54'34"
L 402.31'
S/L62.00'
SE = 0.75"
DS = 50(F),59(P)

CURVE 184D_5 (MAIN 2)
Delta 4°13'21" Rt
R 6270.52'
D 0°54'49"
L 400.10'
S/L62.00'
SE = 0.75"
DS = 50(F),59(P)

ABANDON AND FILL COMBINED SEWER

PROPOSED ROW

EXISTING ROW

EX. NSRR MAIN 1

VARIES

65'

120'

35'

23'

20'

52380+00

52385+00

57730+00

57735+00

57740+00

47730+00

47735+00

47740+00

UPRR MAIN 2

UPRR MAIN 1

CURVE 184C_5 (MAIN 2)

CURVE 184D_5 (MAIN 2)

FO20

FO21

FO22

ELECTRIC SERVICE INSTALLATION, SPECIAL

COMMUNICATIONS DUCT BANK

WIDEN EXISTING ACCESS ROAD 15.5' FROM STA. 47731+39 TO STA. 47731+61

CURVE 184C_4 (MAIN 1)

CURVE 184C_4 (MAIN 1)
Delta 4°13'21" Lt
R 6320.52'
D 0°54'23"
L 403.79'
S/L62.00'
SE = 0.75"
DS = 50(F),59(P)

CURVE 184D_4 (MAIN 1)
Delta 4°13'21" Rt
R 6250.52'
D 0°55'00"
L 398.63'
S/L62.00'
SE = 0.75"
DS = 50(F),59(P)

REYNOLDS ST

MASON ST
NO EXISTING CROSSING

PCS 57733+21.11
PT 57733+83.11
PCS 57738+09.33
PT 57738+71.33
PCS 57738+71.33
PT 47738+83.11
PCS 47739+45.11
PCS 57739+33.33

LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

50 0 50 100
SCALE IN FEET

A STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 6005.
B INSULATED JOINTS (STA. 47731+50)
1 ABUTMENT UPRR MAIN 1 STA. 47739+23.02 T/R 611.89, MP 184.79
2 ABUTMENT UPRR MAIN 1 STA. 47740+06.12 T/R 611.66, MP 184.80

630
620
610
600
590

PROPOSED T/R MAIN TRACK 1

-0.08%

PVC=47737+54.80
EL=612.17

PVI=47740+54.80
EL=611.92

Crest
L=600
V/I = 0.09

EXISTING GROUND

	47730+00	47731+00	47732+00	47733+00	47734+00	47735+00	47736+00	47737+00	47738+00	47739+00	47740+00	47741+00	47742+00
Pr. T/R EL.		612.71	612.63	612.54	612.46	612.38	612.30	612.21	612.12	611.95	611.68	611.32	610.86
Ex. T/R EL.		606.72	606.28	606.73	605.85	604.52	604.84	605.81	604.99	605.87	605.51	604.41	
Ex. GND EL.	607.43												

FO EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
FO PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

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

FINAL PLANS

MODEL: Sheet 9
FILE NAME: pw:\\hansonllc-pw.bentley.com:hanson-pw-011\Documents\99\ois\09L0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-plan-prf-01_UPRR.dgn

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HANSON

USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0002 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 9

SCALE: SHEET 9 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	206
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

MATCHLINE STA. 47742+00 (UPRR MAIN 1)

MATCHLINE STA. 47757+00 (UPRR MAIN 1)

JEFFERSON ST. CONSTRUCTED IN PRIOR CONTRACT DOT# 479328F MP 184.88

JEFFERSON ST

WASHINGTON ST

ADAMS ST

MONROE ST

MONROE ST. CONSTRUCTED IN PRIOR CONTRACT

PEDESTRIAN BRIDGE

EX. NSRR MAIN 1

PROPOSED ROW

VARIES

PCS 47743+33.43

PT 47743+85.43

52390+00

52395+00

52400+00

CURVE 184D_5 (MAIN 2)

120'

PROPOSED NS/UP ROW

15'

B

40.3'

C

57745+00

EXISTING ROW

25.33'

FO23

20'

FO25

57500+00

57555+00

UPRR MAIN 2

UPRR MAIN 1

47745+00

47750+00

47755+00

23'

36.5'

37.09'

A

EXISTING ROW

FO24

FO26

CURVE 184D_4 (MAIN 1)

PCS 47743+43.74

PT 47744+05.74

PUMP STATION

ELECTRIC SERVICE INSTALLATION, SPECIAL

INSTALL CROSSING
STA. 47747+86.20 (MAIN 1)
STA. 57747+77.44 (MAIN 2)
CL PUB XING
70' CONCRETE (10C) EACH
DOT# 479329M
MP 184.95

SHADED AREA IS FUTURE AMTRAK STATION AND PARKING

STA. 47750+21.11

UP MP 185

PASSENGER STATION PLATFORMS (FUTURE WORK BY OTHERS)

ELECTRIC SERVICE INSTALLATION, SPECIAL

INSTALL CROSSING
STA. 47756+09.82 (MAIN 1)
STA. 57755+99.03 (MAIN 2)
CL PUB XING
20' CONCRETE (10C) EACH
DOT# 479331N
MP 185.11

COMMUNICATIONS DUCT BANK

WASHINGTON ST. CONSTRUCTED IN PRIOR CONTRACT

LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

SCALE IN FEET
50 0 50 100

A STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 6005.
B TRANSITION TIES PER UPRR STANDARD DRAWING 0304.
C INSULATED JOINTS PLACED 50' FROM NORTH SIDE OF PEDESTRIAN CROSSING.
1 ABUTMENT UPRR MAIN 1 STA. 47743+40.06 T/R 610.06, MP 184.87
2 ABUTMENT UPRR MAIN 1 STA. 47744+18.18 T/R 609.56, MP 184.88
3 PROPOSED CROSSING UPRR MAIN 1 STA. 47747+52.75 T/R 607.38, MP 184.95
4 PROPOSED CROSSING UPRR MAIN 1 STA. 47748+22.75 T/R 606.93, MP 184.96
5 PROPOSED PEDESTRIAN CROSSING UPRR MAIN 1 STA. 47755+99.82 T/R 603.15, MP 185.10
6 PROPOSED PEDESTRIAN CROSSING UPRR MAIN 1 STA. 47756+19.82 T/R 602.94, MP 185.11

PVT=47743+54.80 EL=609.97

PROPOSED T/R MAIN TRACK 1

-0.65%

PVC=47749+11.10 EL=606.35

PVI=47755+11.10 EL=602.52

Crest
L=600
V/L=-0.09

EXISTING GROUND

Sag
L=1180
V/L=0.05

Ex. T/R EL.
Ex. GND EL.
Pr. T/R EL.

47742+00	47743+00	47744+00	47745+00	47746+00	47747+00	47748+00	47749+00	47750+00	47751+00	47752+00	47753+00	47754+00	47755+00	47756+00	47757+00
604.10	610.31	603.70	609.68	604.11	609.03	603.32	608.38	603.24	607.73	603.19	607.08	603.97	606.43	603.10	605.80	602.92	605.22	602.81	604.68	603.53	604.20	602.52	603.77	602.42	603.39	602.27	603.06	602.57	602.78

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

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

FINAL PLANS

MODEL: Sheet 10
FILE NAME: pw:\\hanson-inc-pw.cientexy.com:hanson-pw-01\Documents\09\ois\09L0179B\Usable Segments III - V - VII\CAD\Rail\Usable Segment VI - UPRRSheet\D609L0179B-sht-plnprf-01_UPRR.dgn

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HANSON

USER NAME = pop00275	DESIGNED - GCN	REVISED -
	DRAWN - DJP	REVISED -
PLOT SCALE = 100.0013 sf / in.	CHECKED - GCN	REVISED -
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 10

SCALE: SHEET 10 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	207
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

MATCHLINE STA. 47757+00 (UPRR MAIN 1)

MATCHLINE STA. 47772+00 (UPRR MAIN 1)

CAPITOL AVE. CONSTRUCTED IN PRIOR CONTRACT

CAPITOL AVE

JACKSON ST

INSTALL NO. 24 LH POTO SPRG 136#, CONC, SWITCH STAND INSIDE, HST
UPRR MAIN 1 STA. 47764+50.00=
UPRR MAIN 2 STA. 57764+39.69, 20' LT
MP 185.28

INSTALL NO. 24 LH POTO SPRG 136#, CONC, SWITCH STAND INSIDE, HST
UPRR MAIN 2 STA. 57770+45.99=
UPRR MAIN 1 STA. 47770+56.30, 20' RT
MP 185.39

PROPOSED ROW

EX. NSRR MAIN 1

VARIES

52405+00

52410+00

52415+00

120'

155.33'

A

40.3'

57760+00

57765+00

EXISTING ROW

57770+00

UPRR MAIN 2

20'

UPRR MAIN 1

47760+00

47765+00

47770+00

VARIES

FO27

23'

FO28

FO29

FO30

77.4'

EXISTING ROW

ELECTRIC SERVICE INSTALLATION, SPECIAL

INSTALL 72.5 TF W/136# HH CWR CONC. TIES FOR LH XO

INSTALL 2 CROSSINGS
STA. 47760+21.69 (MAIN 1)
STA. 57760+11.43 (MAIN 2)
CL PUB XING
70' CONCRETE (10C) EACH
DOT # 479332V
MP 185.19

PR SIGNALS

WIDEN EXISTING ACCESS ROAD 13' FROM STA. 47763+87 TO STA. 47765+00

COMMUNICATIONS DUCT BANK

WIDEN EXISTING ACCESS ROAD FROM 24' TO 54' FROM STA. 47770+70 TO STA. 47771+26

PR SIGNALS

ELECTRIC SERVICE INSTALLATION, SPECIAL

WIDEN EXISTING ACCESS ROAD 10' FROM STA. 47768+40 TO STA. 47768+78

PR SIGNAL CABINET

EDWARDS ST
NO EXISTING CROSSING

LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

SCALE IN FEET
50 0 50 100

A TRANSITION TIES PER UPRR STANDARD DRAWING 0304.
1 PROPOSED CROSSING UPRR MAIN 1 STA. 47759+86.69 T/R 602.26, MP 185.19
2 PROPOSED CROSSING UPRR MAIN 1 STA. 47760+56.69 T/R 602.19, MP 185.20

PVC=47760+91.10 EL=602.17
PVI=47762+08.07 EL=602.10
PVI=47763+13.07 EL=602.04
PVT=47764+18.07 EL=602.26
Pt.Sw.=47764+60.00 EL=602.33

PROPOSED T/R MAIN TRACK 1

0.22%

-0.06%

Sag
L=1760
V/L=0.05

Sag
L=210
V/L=0.13

EXISTING GROUND

	47757+00	47758+00	47759+00	47760+00	47761+00	47762+00	47763+00	47764+00	47765+00	47766+00	47767+00	47768+00	47769+00	47770+00	47771+00	47772+00
Pr. T/R EL.	601.66	602.55	602.37	601.24	602.24	601.63	602.16	600.32	602.10	600.52	602.10	600.31	602.23	600.22	602.44	599.76
Ex. T/R EL.		601.48														
Ex. GND EL.																
	602.65	599.48	602.87	599.22	603.09	599.06	603.30	599.16	603.52	599.22	603.73	599.04	603.95			

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)
Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

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

FINAL PLANS

MODEL: Sheet 11
FILE NAME: pw:\\hanson-pw.bentley.com:hanson-pw-01\Documents\09\ais\09L0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRRSheet\D609L0179B-pltplnprf-01_UPRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0012 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 11

SCALE: SHEET 11 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	208
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

MATCHLINE STA. 47772+00 (UPRR MAIN 1)

MATCHLINE STA. 47787+00 (UPRR MAIN 1)

BARRETT ST

EXISTING ROW

PROPOSED ROW

NO EXISTING CROSSING CASS ST

VARIES

CONSTRUCT 10,149 T.F. W/136# HH CWR
CONC TIES FOR UPRR MAIN 2
STA. 57770+45.99 TO STA. 57871+94.40

EX. NSRR SIDING

EX. NSRR MAIN 1

52420+00

52425+00

52430+00

40.3'

120'

20'

57775+00

47775+00

UPRR MAIN 2

UPRR MAIN 1

57780+00

47780+00

57785+00

47785+00

23'

35'

77.65'

FO32

FO33

FO31

A

INSTALL UNDERPASS
STA. 47772+76.93
CL PUB UNDERPASS
DOT# 479336X
MP 185.43

COOK ST, STRUCTURES IN PRIOR CONTRACT

COOK ST

CONSTRUCT 10,287 T.F. W/136# HH CWR
CONC TIES FOR UPRR MAIN 1
STA. 47767+17.00 TO STA. 47870+03.66

COMMUNICATIONS DUCT BANK

LEGEND

= PROPOSED STORM SEWER

= DITCH FLOW ARROW

50 0 50 100
SCALE IN FEET

A STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 6005.

1 ABUTMENT UPRR MAIN 1 STA. 47772+11.38 T/R 603.91, MP 185.41

2 ABUTMENT UPRR MAIN 1 STA. 47773+42.46 T/R 604.22, MP 185.43

PVC=47775+57.52
EL=604.72

PVI=47776+57.52
EL=604.94

PVT=47777+57.52
EL=605.05

PROPOSED T/R MAIN TRACK 1

0.22%

0.11%

Crest
L=200
V/I =-0.05

EXISTING GROUND

Pr. T/R EL.
Ex. T/R EL.
Ex. GND EL.

| | | |

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

EXISTING ROW
BARRETT ST
SOUTH GRAND AVE
SOUTH GRAND AVE. STRUCTURES IN PRIOR CONTRACT
MATCHLINE STA. 47787+00 (UPRR MAIN 1)
MATCHLINE STA. 47802+00 (UPRR MAIN 1)
EX. NSRR SIDING
EX. NSRR MAIN 1
VARIES
15'
120'
40.3'
20'
23'
35'
52435+00
52440+00
52445+00
57790+00
57795+00
47790+00
47795+00
47800+00
UPRR MAIN 2
UPRR MAIN 1
PROPOSED ROW
CURVE 186_5 (MAIN 2)
CURVE 186_4 (MAIN 1)
PSC 57795+52.20
PSC 57796+21.20
PSC 47795+68.51
PSC 47796+30.51
FO34
FO35
FO36
A
INSTALL UNDERPASS
STA. 47800+32.22
CL PUB UNDERPASS
DOT# 479337E
MP 185.95
COMMUNICATIONS DUCT BANK
ACCESS ROAD
NS MP 415

LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

SCALE IN FEET
50 0 50 100

A STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 6005.
B STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 0270.
1 ABUTMENT UPRR MAIN 1 STA. 47799+92.99 T/R 607.40, MP 185.94
2 ABUTMENT UPRR MAIN 1 STA. 47800+70.55 T/R 607.49, MP 185.95

PROPOSED T/R MAIN TRACK 1
0.11%
EXISTING GROUND

620
610
600
590
580

	Pr. T/R EL.	Ex. T/R EL.	Ex. GND EL.
47787+00			600.53
47788+00	606.16		600.73
47789+00		606.27	600.97
47790+00		606.37	601.23
47791+00		606.48	601.44
47792+00		606.59	601.64
47793+00		606.69	601.97
47794+00		606.80	602.28
47795+00		606.91	602.46
47796+00		607.01	602.15
47797+00		607.12	602.43
47798+00		607.23	602.87
47799+00		607.33	603.83
47800+00		607.44	604.41
47801+00		607.55	603.91
47802+00		607.66	

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

FINAL PLANS

MODEL: Sheet 13
FILE NAME: pw:\\hanson-pw.cientexy.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRRSheetD609L0179B-plt-alnprf-01_UPRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -
	DRAWN - DJP	REVISED -
PLOT SCALE = 100.0012 sf / in.	CHECKED - GCN	REVISED -
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 13

SCALE: | SHEET 13 OF 20 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	210
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

MATCHLINE STA. 47802+00 (UPRR MAIN 1)

MATCHLINE STA. 47817+00 (UPRR MAIN 1)

PINE ST.

CEDAR ST.

SPRUCE ST.

LAUREL ST

9TH ST

10 ½ ST.

EXISTING ROW

PROPOSED ROW

15'

35'

20'

50'

105'

VARIES

23'

52450+00

52455+00

52460+00

57805+00

57810+00

57815+00

47805+00

47810+00

47815+00

UPRR MAIN 2

UPRR MAIN 1

EX. NSRR SIDING

EX. NSRR MAIN 1

CURVE 186_5 (MAIN 2)

CURVE 186_4 (MAIN 1)

COMMUNICATIONS DUCT BANK

FO37

FO38

A

EXISTING UNDERPASS
STA. 47815+14.28
CL PUB UNDERPASS
DOT# 479338L
MP 186.25

LAUREL ST. CONSTRUCTED
IN PRIOR CONTRACT.

UP MP 186

LEGEND

= PROPOSED STORM SEWER

= DITCH FLOW ARROW

SCALE IN FEET
50 0 50 100

A STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 6005.

1 ABUTMENT UPRR MAIN 1 STA. 47815+83.31 T/R 608.33, MP 186.24

2 ABUTMENT UPRR MAIN 1 STA. 47816+44.95 T/R 608.33, MP 186.25

PROPOSED T/R MAIN TRACK 1

0.11%

0.00%

PVC=47807+34.00
EL=608.23

PVI=47808+34.00
EL=608.33

PVT=47809+34.00
EL=608.33

Crest
L=200
V/L=-0.05

EXISTING GROUND

620
610
600
590
580

47802+00	47803+00	47804+00	47805+00	47806+00	47807+00	47808+00	47809+00	47810+00	47811+00	47812+00	47813+00	47814+00	47815+00	47816+00	47817+00
Ex. GND EL.	604.98	605.27	605.87	605.87	605.55	605.66	605.69	605.75	605.88	606.13	606.15	606.03	606.14	605.88	606.03	606.49
Ex. T/R EL.																
Pr. T/R EL.		607.76		607.98		608.08		608.19		608.28		608.33		608.33		608.33

EXISTING FIBER OPTIC

EXISTING HANDHOLE

EXISTING VAULT BOX

PROPOSED FIBER OPTIC

PROPOSED HANDHOLE

PROPOSED VAULT BOX

NOTE — WORK BY UPRR

NOTE — WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

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

FINAL PLANS

MODEL: Sheet 14
FILE NAME: pw:\\hanson-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRRSheetD609L0179B-alt-alnprf-01_UPRR.dgn

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HANSON

USER NAME = pop00275	DESIGNED - GCN	REVISED -
	DRAWN - DJP	REVISED -
PLOT SCALE = 100.0005 sf / in.	CHECKED - GCN	REVISED -
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 14

SCALE: SHEET 14 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	211
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

MATCHLINE STA. 47817+00 (UPRR MAIN 1)

MATCHLINE STA. 47832+00 (UPRR MAIN 1)

CURVE 186_5 (MAIN 2)
Delta 37°50'24" Rt
R 8303.78'
D 0°41'24"
L 5422.07'
S/L62.00'
SE = 0.75"
DS = 50(F),59(P)

9TH ST. AND ASH ST. CONSTRUCTED IN PRIOR CONTRACT

10 ½ ST.

9TH ST

PROPOSED ROW

EX. NSRR SIDING

EX. NSRR MAIN 1

EXISTING ROW

15'

50'

105'

35'

20'

VARIES

52465+00

52470+00

52475+00

57820+00

57825+00

57830+00

47820+00

47825+00

47830+00

CURVE 186_5 (MAIN 2)

UPRR MAIN 2

UPRR MAIN 1

23'

FO39

FO40

FO41

A

EX123

CONC. FOUNDATION

CURVE 186_4 (MAIN 1)
Delta 37°50'24" Rt
R 8283.78'
D 0°41'30"
L 5408.86'
S/L62.00'
SE = 0.75"
DS = 50(F),59(P)

CURVE 186_4 (MAIN 1)

COMMUNICATIONS DUCT BANK

ILES PARK ACCESS RD

EXISTING UNDERPASS
STA. 47830+43.38
CL PUB UNDERPASS
DOT# 961273W
MP 186.52

MYRTLE ST

ASH ST

LEGEND

= PROPOSED STORM SEWER

= DITCH FLOW ARROW

50 0 50 100
SCALE IN FEET

A STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 6005.

1 ABUTMENT UPRR MAIN 1 STA. 47829+98.82 T/R 608.33, MP 186.51

2 ABUTMENT UPRR MAIN 1 STA. 47830+87.74 T/R 608.33, MP 186.52

PROPOSED T/R MAIN TRACK 1

0.00%

EXISTING GROUND

-0.82%

-0.36%

RT +31.30
EL. 601.74

RT +00.00
EL. 602.00

	Pr. T/R EL.	Ex. T/R EL.	Ex. GND EL.
47817+00	608.33		605.30
47818+00	608.33		605.17
47819+00	608.33		605.31
47820+00	608.33		605.00
47821+00	608.33		605.19
47822+00	608.33		604.76
47823+00	608.33		604.70
47824+00	608.33		604.87
47825+00	608.33		604.72
47826+00	608.33		604.54
47827+00	608.33		604.33
47828+00	608.33		604.12
47829+00	608.33		603.70
47830+00	608.33		603.83
47831+00	608.33		603.35
47832+00	608.33		

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

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

FINAL PLANS

MODEL: Sheet 15
FILE NAME: pw:\\hanson-inc-pw.zientexy.com:hanson-pw-011\Documents\99\ais\09L0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRR\Sheets\D609L0179B-sht-aplanpf-01_UPRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -
	DRAWN - DJP	REVISED -
PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 15

SCALE: | SHEET 15 OF 20 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	212
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

9TH ST

6TH ST

NS MP 416

MATCHLINE STA. 47832+00 (UPRR MAIN 1)

MATCHLINE STA. 47847+00 (UPRR MAIN 1)

PROPOSED ROW

EXISTING ROW

EX. NSRR SIDING

EX. NSRR MAIN 1

UPRR MAIN 2

UPRR MAIN 1

CURVE 186_5 (MAIN 2)

CURVE 186_4 (MAIN 1)

COMMUNICATIONS DUCT BANK

FO42

FO43

FO44

FO45

R591

EX289

52480+00

52485+00

52490+00

57835+00

57840+00

57845+00

47835+00

47840+00

47845+00

75'

15'

130'

35'

20'

23'

11'

50'

42.55'

40.52'

35'

PROPOSED RT DITCH			
	STATION	CL OFFSET	WIDTH
BEGIN	47831+00.0	31.9	1.0
EX123(1)	47831+31.3	31.9	1.0
	47831+50.0	32.8	1.0
R591(1)	47832+40.0	32.8	1.0
	47833+85.0	32.8	1.0
EX289(1)	47834+15.1	30.7	1.0
END	47834+38.0	31.0	0.5
BEGIN	47834+85.0	85.0	3.0
	47835+25.0	42.0	3.0
END(2)	47836+40.0	34.5	3.0

(1) STRUCTURE NUMBER.
SEE DRAINAGE STRUCTURE AND PIPE SCHEDULES.
TRANSITION DITCH WIDTH TO GRATE WIDTH OVER 5'.
(2) MATCH EXISTING DITCH.

LEGEND

= PROPOSED STORM SEWER

= DITCH FLOW ARROW

50 0 50 100
SCALE IN FEET

630
620
610
600
590

PROPOSED T/R MAIN TRACK 1

0.00%

EXISTING GROUND

PVC=47838+50.00
EL=608.33

PVI=47841+50.00
EL=608.33

PVT=47844+50.00
EL=609.23

PVC=47844+80.00
EL=609.32

0.30%

Sag
L=600
V/L=0.05

Crest
L=600
V/L=-0.08

-0.36%
+0.27%
+0.74%
-0.30%

RT +40.00
EL. 601.35

RT +38.00
EL. 602.00

RT +15.10
EL. 601.83

RT +85.00
EL. 601.80

RT +40.00
EL. 601.33

R591
EX289

Pr. T/R EL.
Ex. T/R EL.
Ex. GND EL.

| | | |

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

MATCHLINE STA. 47847+00 (UPRR MAIN 1)

MATCHLINE STA. 47862+00 (UPRR MAIN 1)

PRINCETON

EXISTING ROW

6TH ST

5TH ST

PROPOSED ROW

5TH ST STRUCTURES
IN PRIOR CONTRACT

CURVE 186_5 (MAIN 2)

PCS 57850+42.27

PT 57851+04.27

75'

15'

52500+00

35'

57850+00

UPRR MAIN 2

20'

UPRR MAIN 1

47850+00

EXISTING ROW

57855+00

52505+00

120'

EX. NSRR SIDING

65'

EX. NSRR MAIN 1

57860+00

47860+00

23'

50'

FO46

FO47

FO48

B REPAIR EMBANKMENT ALONG WINGWALL

PROPOSED ROW

PCS 47830+39.38

PT 47851+01.38

6TH ST STRUCTURES
IN PRIOR CONTRACT

EXISTING UNDERPASS
STA. 47848+68.61
CL PUB UNDERPASS
DOT# 479342B
MP 186.87

EXISTING UNDERPASS
STA. 47855+04.41
CL PUB UNDERPASS
DOT# 479343H
MP 186.99

STA. 47853+82.88

UP MP 187

CURVE 187A_4 (MAIN 1)
Delta 2°51'51" Lt
R 3819.83'
D 1°30'00"
L 150.51'
S/L 40.00'
SE = 0.75"
DS = 40(F) 45(P)

CURVE 187A-4 (MAIN 1)

COMMUNICATIONS DUCT BANK

CURVE 186_4 (MAIN 1)

BROAD

CROSS

47TH ST
NO EXISTING CROSSING

LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

SCALE IN FEET
50 0 50 100

A STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 6005.
1 ABUTMENT UPRR MAIN 1 STA. 47847+85.35 T/R 609.85, MP 186.85
2 ABUTMENT UPRR MAIN 1 STA. 47849+52.58 T/R 609.81, MP 186.87
3 ABUTMENT UPRR MAIN 1 STA. 47854+21.47 T/R 608.94, MP 186.98
4 ABUTMENT UPRR MAIN 1 STA. 47855+88.63 T/R 608.61, MP 186.99

B RESTORE CROWN AND CROSS SLOPE ACCORDING TO ARTICLE 358.04(a) EXCEPT THAT ADDITIONAL MATERIAL SHALL BE SUB-BALLAST.
STA. 47853+40 TO STA. 47853+99, CROSS SLOPE 2%
STA. 47853+99 TO STA. 47854+11, TRANSITION CROSS SLOPE FROM 2% TO 0%, COST INCLUDED IN SUB-BALLAST

PVI=47847+80.00
EL=610.22

PVT=47850+80.00
EL=609.62

Crest
L=600
V/L=-0.08

EXISTING GROUND

PROPOSED T/R MAIN TRACK 1

-0.20%

Pr. T/R EL.
Ex. T/R EL.
Ex. GND EL.

| | | |

To DECATUR
Timetable East

To HAZEL DELL
Timetable West

MATCHLINE STA. 47862+00 (UPRR MAIN 1)

MATCHLINE STA. 47877+00 (UPRR MAIN 1)

NOTES:
1. FOR NSRR TRACK WORK, SEE PLAN AND PROFILE - NSRR MAIN 1 SHEETS, PLAN AND PROFILE - UPRR MAIN 1 SOUTH SHEET, AND PROFILE UPRR MAIN 2 SHEET 10.

A IN AREAS WHERE UPRR WILL PERFORM INSTALLATION, CONTRACTOR SHALL BUILD SKELETONIZED TRACK PANELS, TURNOUTS/SWITCHES, AND TIE TRANSITION ZONES OFFLINE IN ADVANCE OF UPRR INSTALLATION.

B STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 0270.

ILES ST. AND BURTON ST. CONSTRUCTED IN PRIOR CONTRACT

ILES AVE

BURTON DR

EX. NSRR MAIN 1, 136# WOOD

PROPOSED ROW

VARIES

35'

20'

23'

15'

35'

20'

EXISTING ROW

FO49

COMMUNICATIONS DUCT BANK

ACCESS ROAD

LIMITS OF GRADING

CURVE 187A_5 (MAIN 2)
Delta 22°51'14" Lt
R 2,083.68'
D 2°45'00"
L 635.14'
S/L196.00'
SE = 4.0"
DS = 50(F),50(P)

SHIFT 258 T.F. UPRR MAIN 25% TIE RENEWAL
STA. 57871+94.35 TO STA. 57874+52.43

R265

NSRR SIDING

NSRR MAIN 1

UPRR MAIN 2

UPRR MAIN 1

CURVE 187A_4 (MAIN 1)

FO50

EX. UPRR MAIN 1, 136# CONC.

EX. SIGNAL CABINET TO REMAIN

REMOVE 568 T.F. UPRR MAIN 1

R603

CURVE 187A_4 (MAIN 1)
Delta 22°51'14" Lt
R 2,083.68'
D 2°45'00"
L 635.14'
S/L196.00'
SE = 4.0"
DS = 50(F),50(P)

A INSTALL 474 T.F. W/136# HH CWR CONC TIES FOR UPRR MAIN 1 STA. 47870+03.66 TO STA. 47874+77.83 (BY UPRR)

SIGNAL BRIDGE (BY NSRR)
NSRR MAIN 1 STA. 52522+07.53, PM. DH-416.51
UPRR MAIN 1 STA. 47874+15.52, MP. 187.39

ACCESS ROAD

REMOVE SIGNAL (BY NSRR)

UPRR MAIN 1
CURVE 187B 4
(BY NSRR)

EXISTING ROW

FO51

R604

UPRR MAIN 1 (BY NSRR)
SEE NOTE 1

B RELOCATE EX. SIGNAL CABINET & PROPANE (BY NSRR)

REMOVE SIGNAL (BY NSRR)

CURVE 187B_4 (MAIN 1)
Delta 2°51'51" Lt
R 3819.83'
D 1°30'00"
L 150.51'
S/L40.00'
SE = 0.75"
DS = 40(F),45(P)

PROPOSED ROW

SCALE IN FEET
50 0 50 100

LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

PVC=47864+55.12
EL=606.88

PVI=47866+55.12
EL=606.48

-0.20%

Sag
L=400
V/L=0.05

+0.18%

-0.18%

0.00%

RT +00.00
EL. 600.50

RT +60.00
EL. 601.35

RT +00.00
EL. 600.91

RT +67.00
EL. 600.24

PROPOSED UPRR MAIN 1

PROPOSED UPRR MAIN 1
(BY NSRR)

EXISTING GROUND

TRACK BY UPRR

TRACK BY NSRR

OH Signal Bridge
47874+15.52

STA. 47874+77.83

Pr. T/R EL.	Ex. T/R EL.	Ex. GND EL.
607.19	600.95	601.62
606.99		601.09
606.79		603.12
606.64		605.15
606.54		606.09
606.49		603.99
606.48	606.36	603.13
606.48	606.28	603.66
606.48	606.15	605.44
606.48	606.08	603.41
606.48	606.00	603.64
606.48	606.06	605.84
606.48	606.12	603.40
606.48	606.37	603.29
606.48		

620 610 600 590 580

47862+00 47863+00 47864+00 47865+00 47866+00 47867+00 47868+00 47869+00 47870+00 47871+00 47872+00 47873+00 47874+00 47875+00 47876+00 47877+00

NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)
NOTE WORK BY NSRR

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Temporary Easement
Ex. NSRR Track
Prop. NSRR Track
Remove NSRR Track
Shift NSRR Track
Prop. ROW
Ex. ROW
Permanent Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO.
BY
DATE
G.M. NOTED
STRUCTURE NOTATNS CHKD

FINAL PLANS

MODEL: Sheet 18
FILE NAME: pw:\\hansonllc-pw.bentley.com:hanson-pw01\Documents\09l0a\09l0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-plnprf-01_UPRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0002 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 18

SCALE: SHEET 18 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	215
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To DECATUR
Timetable East

To HAZEL DELL
Timetable West

MATCHLINE STA. 47877+00 (UPRR MAIN 1)

EXISTING OVERPASS STANFORD AVE

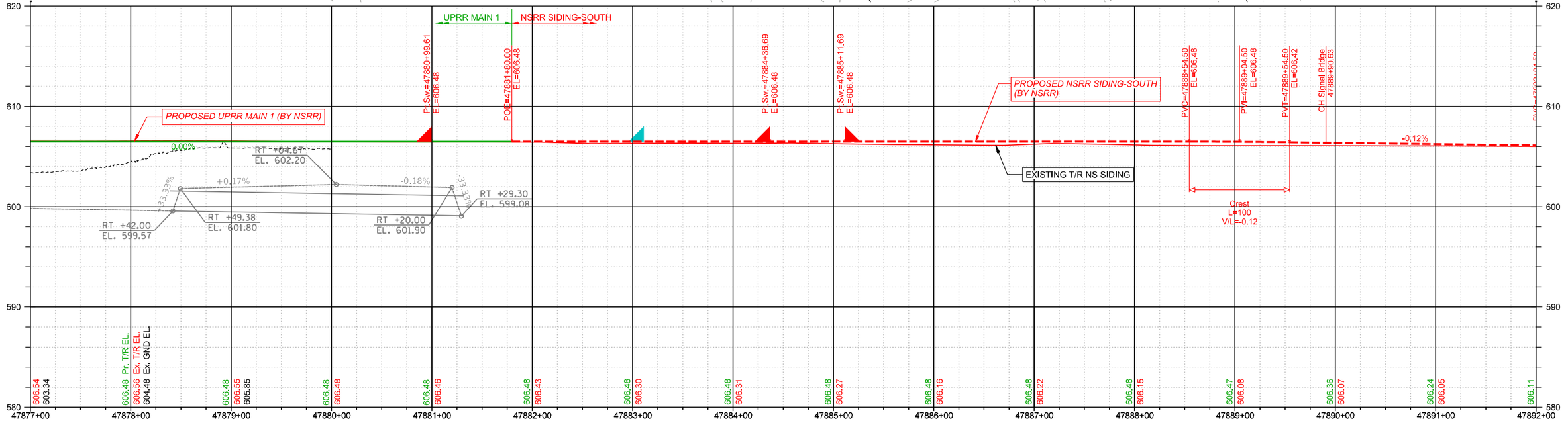
ACCESS ROAD
COMMUNICATIONS DUCT BANK
EXISTING ROW
52525+00
52525+00
14.1'
EX. NSRR MAIN 1, 136# WOOD
FO53
COMMUNICATIONS DUCT BANK
52530+00
EX. UPRR MAIN 1, 136# WOOD
52535+00
57885+00
57880+00
47880+00
70.56'
PCS 47878+13.35
PT 47878+53.35
PI 47880+86.55
POE 47881+80.00
UPRR MAIN 1
R601
RELOCATE SIGNAL CABINET, COMM. TOWER AND PROPANE (BY NSRR)
ACCESS ROAD
LIMITS OF GRADING
FO52
R602
UPRR MAIN 1 STA. 47881+80.00 = UPRR MAIN 2 STA. 57881+75.50 = NSRR SIDING-SOUTH STA. 57881+75.50
EXISTING ROW
PROPOSED ROW
EX. PROPANE TO REMAIN
STA. 47886+10.05 CL PUB XOVER DOT# 410992M MP 187.64

STA. 47889+70.63, 56.17 LT
SIGNAL PADS AND CULVERTS (BY CONTRACTOR)
R607
STA. 47889+38.13, 43.17 LT
EX. NSRR SIDING, 136# WOOD
EX. NSRR MAIN 1, 136# WOOD
EX. UPRR MAIN 1, 136# CONC.
STA. 47890+10.63, 56.17 LT
STA. 47890+43.13, 43.17 LT
R608
14'
14'
10'
57890+00
STA. 47889+38.13, 24.0 RT
R609
EX. SIGNAL BRIDGE NSRR MP DH-416.71 UPRR MP 187.65 TO BE REMOVED (BY NSRR)
STA. 47889+70.63, 37.13 RT
253.49'
PC 57890+22.11
R610
PT 57891+28.88
STA. 47890+43.13, 24.0 RT
CURVE 416 S-1 (NSRR SIDING -SOUTH) (BY NSRR)
SIGNAL BRIDGE (BY NSRR)
NSRR MAIN 1 STA. 52537+81.86, MP DH416.76
UPRR MAIN 1 STA. 47887+86.13, MP 187.67
NSRR SIDING-SOUTH STA. 57889+86.13
STA. 47890+10.63, 37.14 RT
CURVE 416 S-1
Delta 0°02'08" Rt
R 171,887.34'
D 0°02'00"
L 106.77'
S/L = 0"
DS = 20(F)

LEGEND
= PROPOSED STORM SEWER
= DITCH FLOW ARROW

50 0 50 100
SCALE IN FEET

NOTES:
1. FOR NSRR TRACK WORK, SEE PLAN AND PROFILE - NSRR MAIN 1 SHEETS, PLAN AND PROFILE - UPRR MAIN 1 SOUTH SHEET, AND PROFILE UPRR MAIN 2 SHEET 10.



NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)
NOTE WORK BY NSRR

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Temporary Easement
Ex. NSRR Track
Prop. NSRR Track
Remove NSRR Track
Shift NSRR Track
Prop. ROW
Ex. ROW
Permanent Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

PROFILE: SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NO(S)/TYNS CHKD

FINAL PLANS

MODEL: Sheet 19
FILE NAME: pw:\\hansonlnc-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-aplanprf-01_UPRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0006 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 19

SCALE: | SHEET 19 OF 20 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	216
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To DECATUR
Timetable East

To HAZEL DELL
Timetable West

MATCHLINE STA. 47877+00 (UPRR MAIN 1)

EXISTING ROW

EXISTING ROW

EXISTING ROW

EX. CNRR

EX. NSRR SIDING, 136# WOOD
EX. NSRR MAIN 1, 136# WOOD
EX. UPRR MAIN 1, 136# CONC.

UP MP 188
STA. 57905+63.27

STA. 52553+37.08
NS MP 417

POE
52543+29.24

53.01'

52540+00

14.31'

15.23'

52545+00

57895+00

57900+00

57.06'

PC
57893+56.09

POE
57894+34.90

CURVE 416 S-2 (NSRR SIDING-SOUTH) (BY NSRR)

SURFACE / RAISE NSRR MAIN 1 (BY NSRR)
SEE PLAN AND PROFILE - NSRR MAIN 1 SHEETS

SHIFT / RAISE NSRR SIDING-SOUTH, (BY NSRR)
FOR PROFILE SEE PROFILE - UPRR MAIN 2 - 10 SHEET

CURVE 416 S-2
Delta 0°01'35" Lt
R 171,887.34'
D 0°02'00"
L 78.81'
S/L = 0"
DS = 20 MPH

NOTES:
1. FOR NSRR TRACK WORK, SEE PLAN AND PROFILE - NSRR MAIN 1 SHEETS, PLAN AND PROFILE - UPRR MAIN 1 SOUTH SHEET, AND PROFILE UPRR MAIN 2 SHEET 10.

50 0 50 100
SCALE IN FEET

620
610
600
590
580

Ex. T/R EL. 606.11
PVI=47892+54.50 EL=606.04
PVI=47893+84.68 EL=606.04
PVI=47894+39.40 EL=606.03

PROPOSED NSRR SIDING-SOUTH (BY NSRR)

-0.01%

EXISTING T/R NSRR SIDING

Sag
L=100
V/L=0.12

Pr. T/R EL. 606.04
Ex. T/R EL. 605.98
Ex. GND EL. 606.00

606.03 606.06 606.03 605.89 605.79 605.80 605.93 605.96 605.98

47892+00 47893+00 47894+00 47895+00 47896+00 47897+00 47898+00 47899+00 47900+00 47901+00 47902+00 47903+00 47904+00 47905+00

NOTE WORK BY NSRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)
NOTE WORK BY NSRR

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Temporary Easement
Ex. NSRR Track
Prop. NSRR Track
Remove NSRR Track
Shift NSRR Track
Prop. ROW
Ex. ROW
Permanent Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NO'S/TYPES CHKD
NOTE BOOK
NO.
BY
DATE

FINAL PLANS

MODEL: Sheet 20
FILE NAME: pw:\\hansonlnc-pw.bentley.com:hanson-ow-01\Documents\09\os\09L0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-dn-alprf-01_UPRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0006 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – 20

SCALE: SHEET 20 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	217
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To DECATUR
Timetable East

To HAZEL DELL
Timetable West

CONSTRUCT NO. 20 LH POTO
TO NSRR MAIN 1 STA. 52530+73.95
NSRR MP DH-416.64
= UPRR MAIN 1 SOUTH STA. 0+00.00
UPRR MP 187.56
(BY NSRR)

SHIFT 300 T.F. UPRR MAIN 1 SOUTH
25% WOOD TIE RENEWAL
STA. 2+20.00 TO STA. 5+20.00
(BY NSRR)

CURVE 187C_4

CURVE 187C_4 (MAIN 1 SOUTH)
Delta 2°50'45.64" RT
R 3819.83'
D 1°30'00"
L 189.73'
S/L 0.00'
SE = 0.50"
DS = 40(F),45(P)

SIGNAL PADS AND CULVERTS (BY CONTRACTOR)

EX. UPRR MAIN 1, 136# CONC.

EX. UPRR MAIN 1, 136# WOOD

EXISTING ROW

Pt.Sw. 0+00.00

PI 0+61.06

PC 2+45.34

PT 4+55.07

POE 5+20.00

A

52525+00

52525+00

52530+00

0+00

UPRR MAIN 1 SOUTH

5+00

52535+00

57880+00

47880+00

57885+00

R607

R608

57890+00

R609

R610

EXISTING ROW

PROPOSED ROW

PUB XOVER
DOT# 410992M
MP 187.64

EXISTING OVERPASS
STANFORD AVE

EX. SIGNAL BRIDGE
NSRR MP DH-416.71
UPRR MP 187.65

EX. NSRR SIDING, 136# WOOD

EX. NSRR MAIN 1, 136# WOOD

UPRR MAIN 1

LEGEND

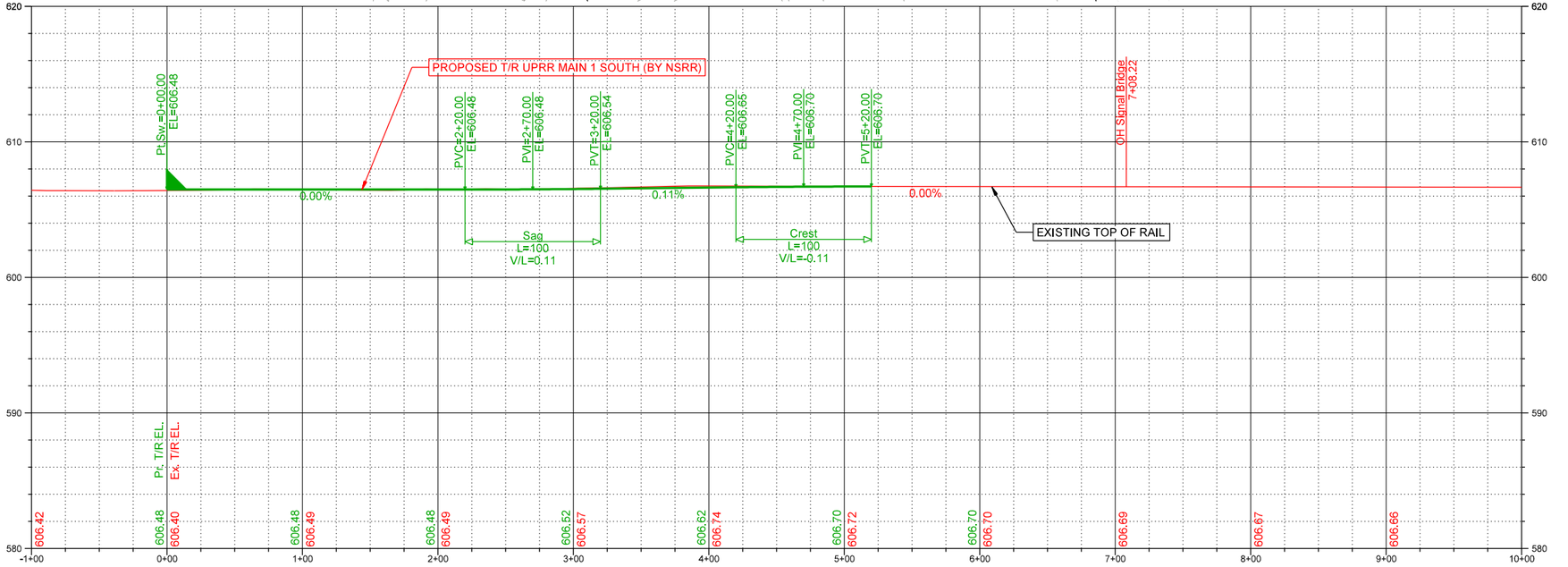
= PROPOSED STORM SEWER

= DITCH FLOW ARROW

NOTES:
1. FOR OTHER NSRR TRACK WORK, SEE PLAN AND PROFILE - NSRR MAIN 1 SHEETS AND PROFILE - UPRR MAIN 2 SHEET 10.

A STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 0270.

50 0 50 100
SCALE IN FEET



NOTE WORK BY NSRR

NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

- Ex. UPRR Track
- Prop. UPRR Track
- Remove UPRR Track
- Shift UPRR Track
- Upgrade or Raise UPRR Track
- Temporary Easement
- Ex. NSRR Track
- Prop. NSRR Track
- Remove NSRR Track
- Shift NSRR Track
- Prop. ROW
- Ex. ROW
- Permanent Easement
- Hand Throw Turnout
- Power Turnout
- Power Derail
- Hand Throw Derail
- Signal

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

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

FINAL PLANS

MODEL: Sheet South 1
FILE NAME: pw:\\hansonlec-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-plnprf-01_UPRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0006 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

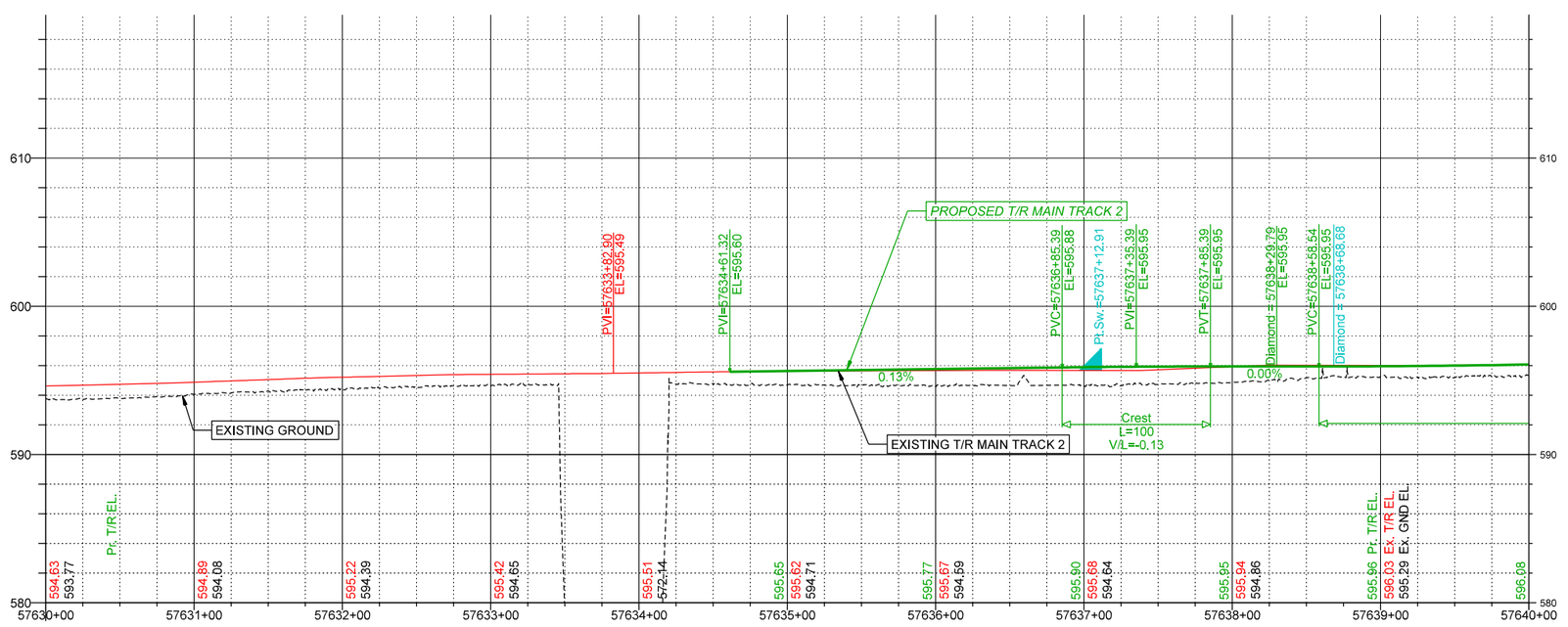
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – UPRR MAIN 1 – SOUTH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	218
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

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

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



EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE
NOTE
WORK BY UPRR
WORK BY CONTRACTOR (OR OTHERS AS NOTED)
Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

FINAL PLANS

MODEL: Sheet 20 UP_M2_Profile
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USER NAME = pop00275	DESIGNED - GCN	REVISED -
	DRAWN - DJP	REVISED -
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

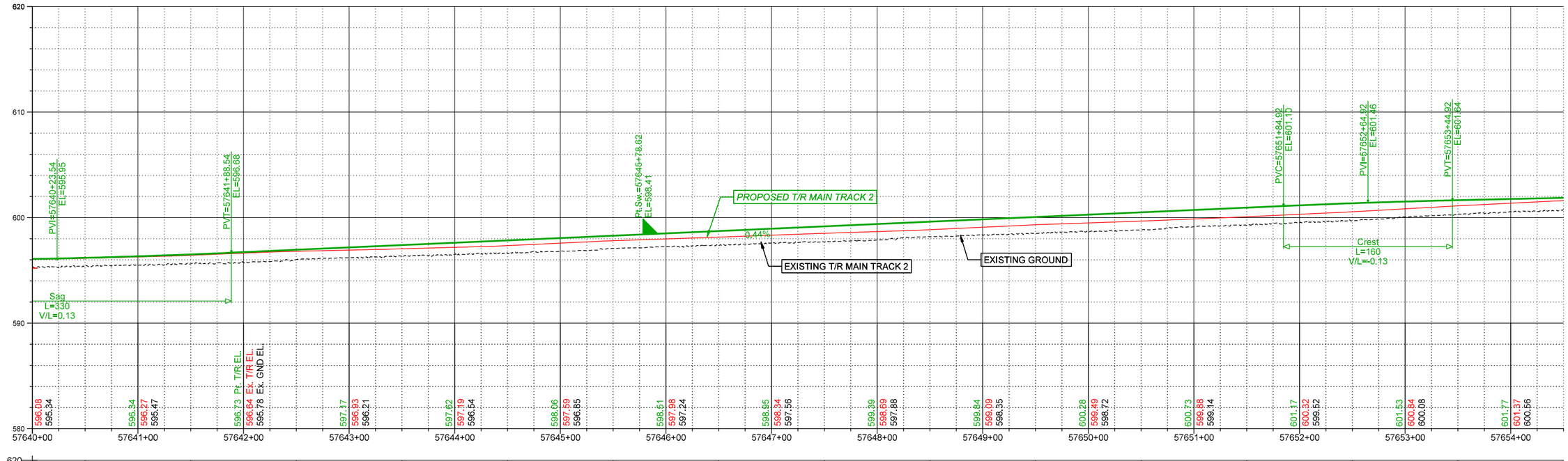
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

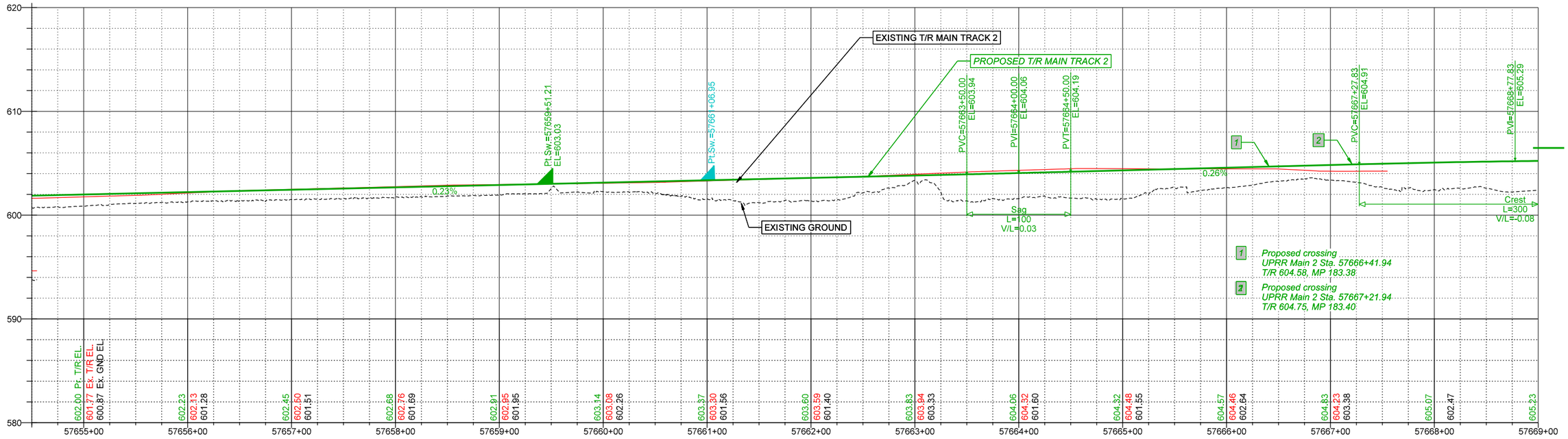
SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PROFILE – UPRR MAIN 2 – 1

SCALE: | SHEET 1 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	219
	09L0179B	CONTRACT NO.	93773	
	ILLINOIS	FED. AID PROJECT		

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





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

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE
NOTE
WORK BY UPRR
WORK BY CONTRACTOR (OR OTHERS AS NOTED)
Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

FINAL PLANS

MODEL: Sheet 21 UP_M2_Profile
FILE NAME: pw:\\hansonllc-pw.prontley.com:hanson-ciw-01\Documents\09\ois\09L0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-alnprf-01_UPRR.dgn

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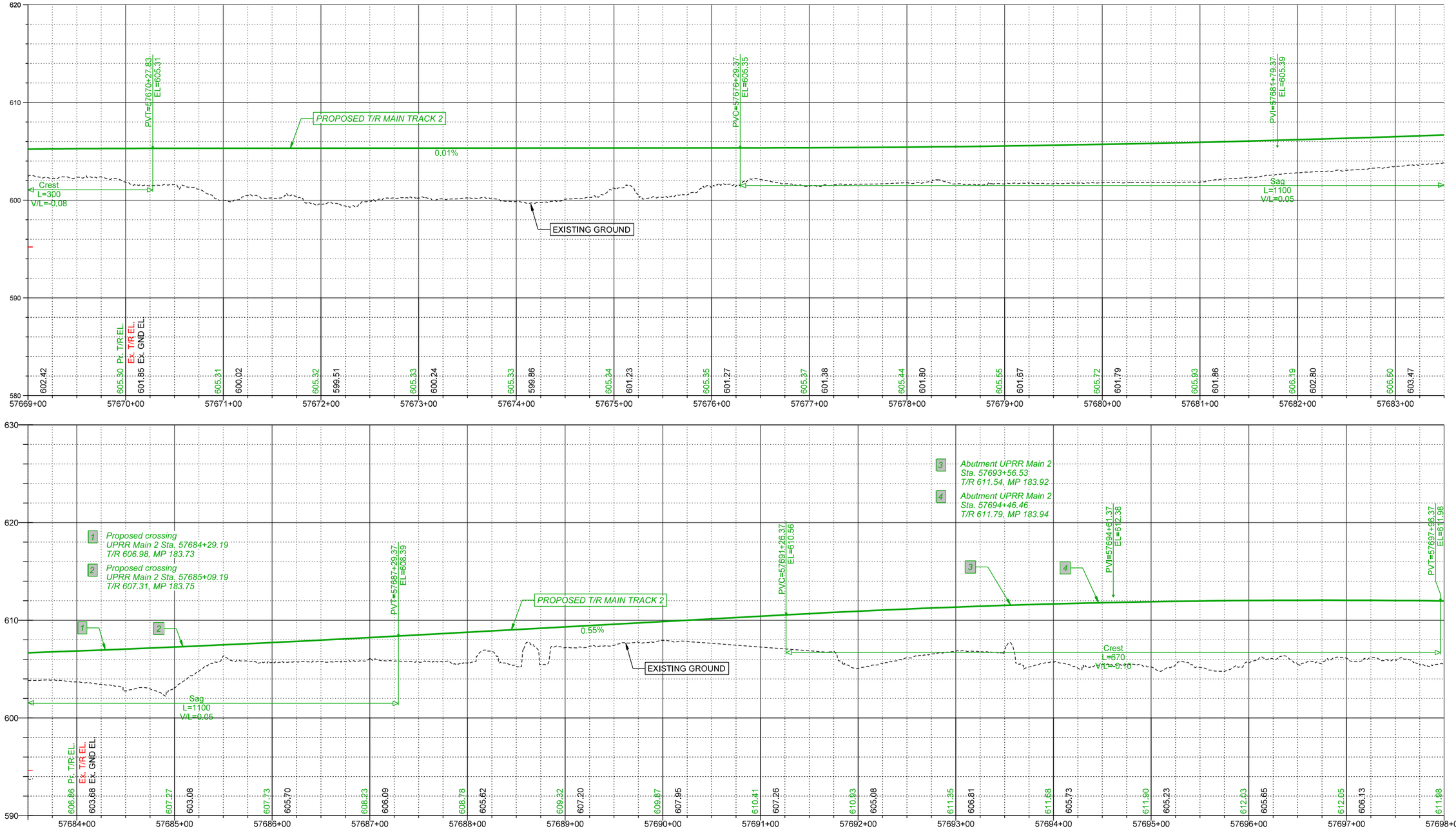
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	DRAWN - DJP	REVISED -
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PROFILE – UPRR MAIN 2 – 2

SCALE: | SHEET 2 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	220
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE
NOTE
WORK BY UPRR
WORK BY CONTRACTOR (OR OTHERS AS NOTED)
Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

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

FINAL PLANS

MODEL: Sheet 22 UP_M2_Profile
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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PROFILE – UPRR MAIN 2 – 3

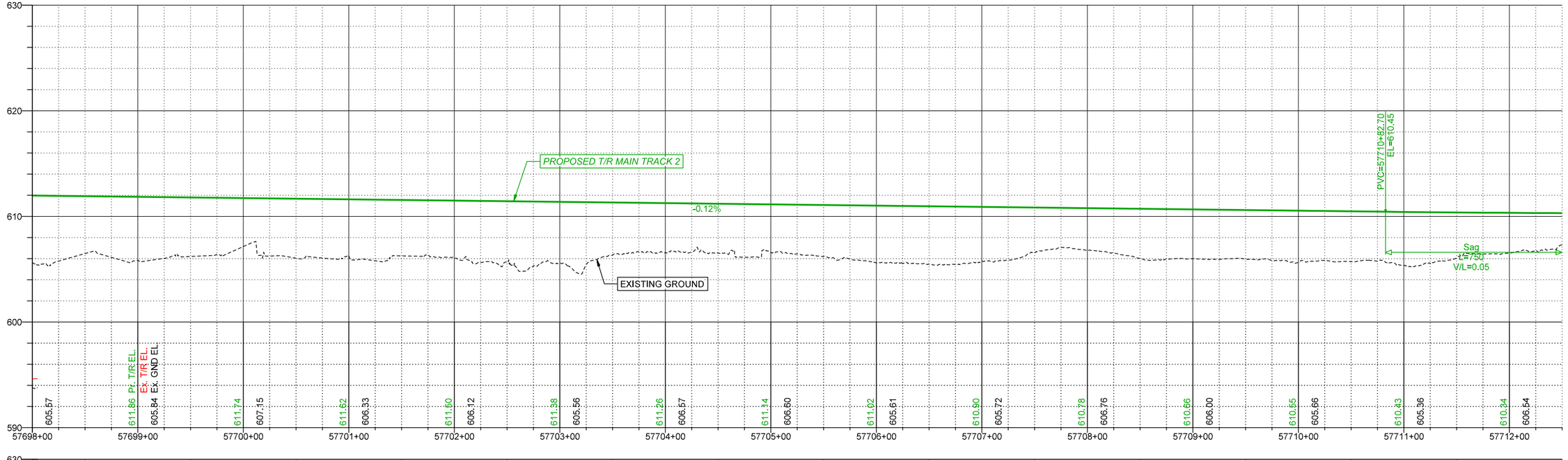
SCALE: | SHEET 3 OF 10 SHEETS | STA. | TO STA.

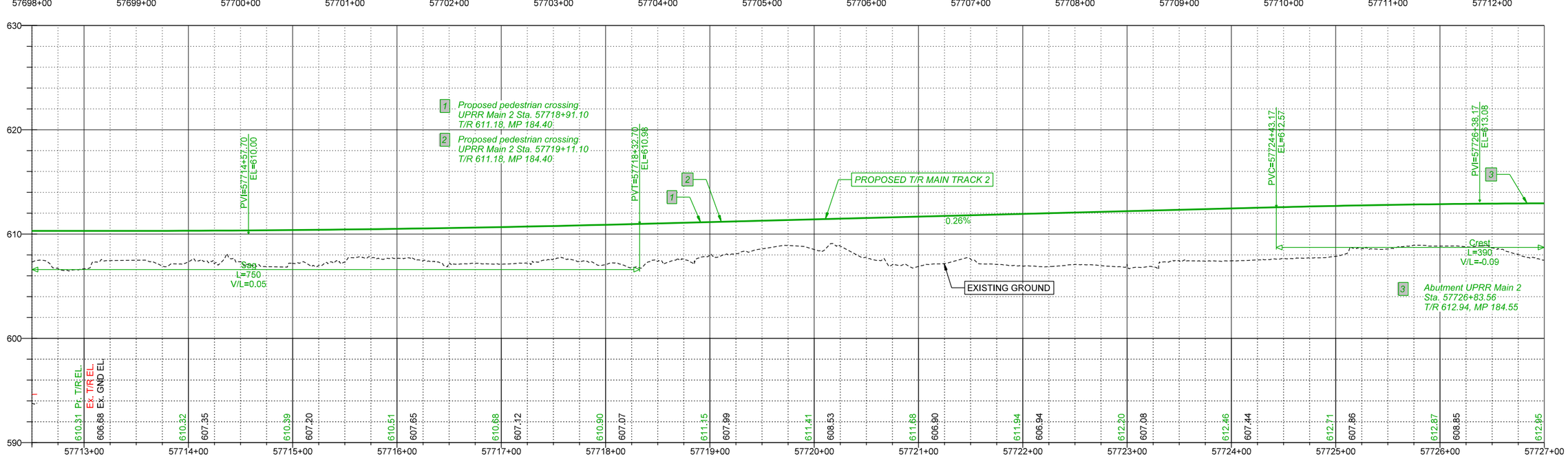
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	221
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

PLAN

SURVEYED	
PLOTTED	
CROSS SECT. CHECKED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	
NOTE BOOK	
NO.	

BY	DATE





PROFILE

SURVEYED	
PLOTTED	
CROSS SECT. CHECKED	
B.M. NOTED	
STRUCTURE NOTATNS CHKD	
NOTE BOOK	
NO.	

BY	DATE

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE
NOTE
WORK BY UPRR
WORK BY CONTRACTOR (OR OTHERS AS NOTED)
Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

FINAL PLANS

MODEL: Sheet 23 UP_M2_Profile
FILE NAME: pw:\\hansonlic-pw.bentley.com:hanson-pw-01\Documents\09l\ois\09L0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-ehl-alnprf-01_UPRR.dgn

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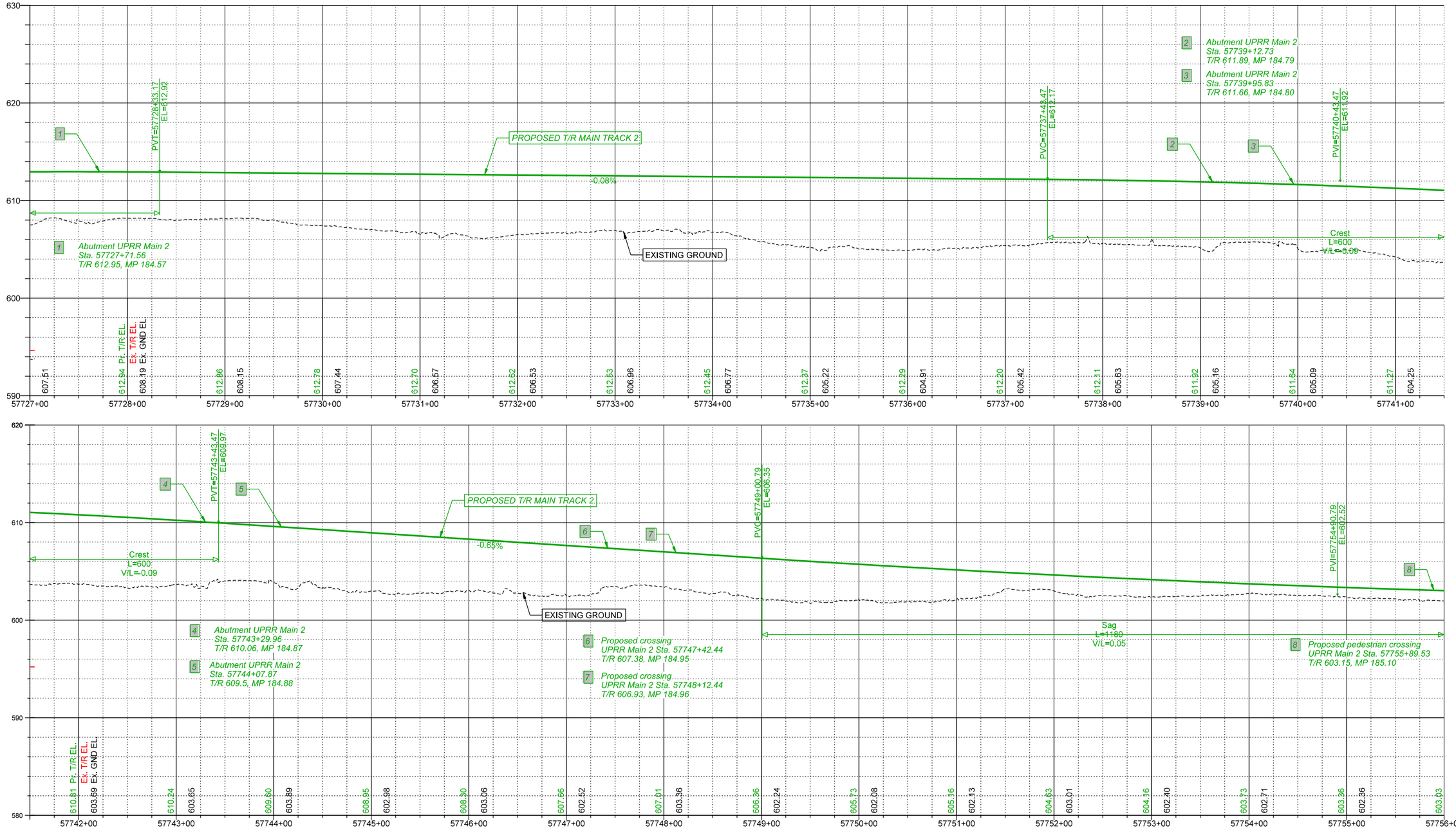
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	DRAWN - DJP	REVISED -
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PROFILE – UPRR MAIN 2 – 4

SCALE: | SHEET 4 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	222
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



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

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

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)
Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

FINAL PLANS

MODEL: Sheet 24 UP_M2_Profile
FILE NAME: pw:\hanson-pw.bentley.com:hanson-pw-011\Documents\09l0ds\09L0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-dtn-alnpnf-01_UPRR.dgn

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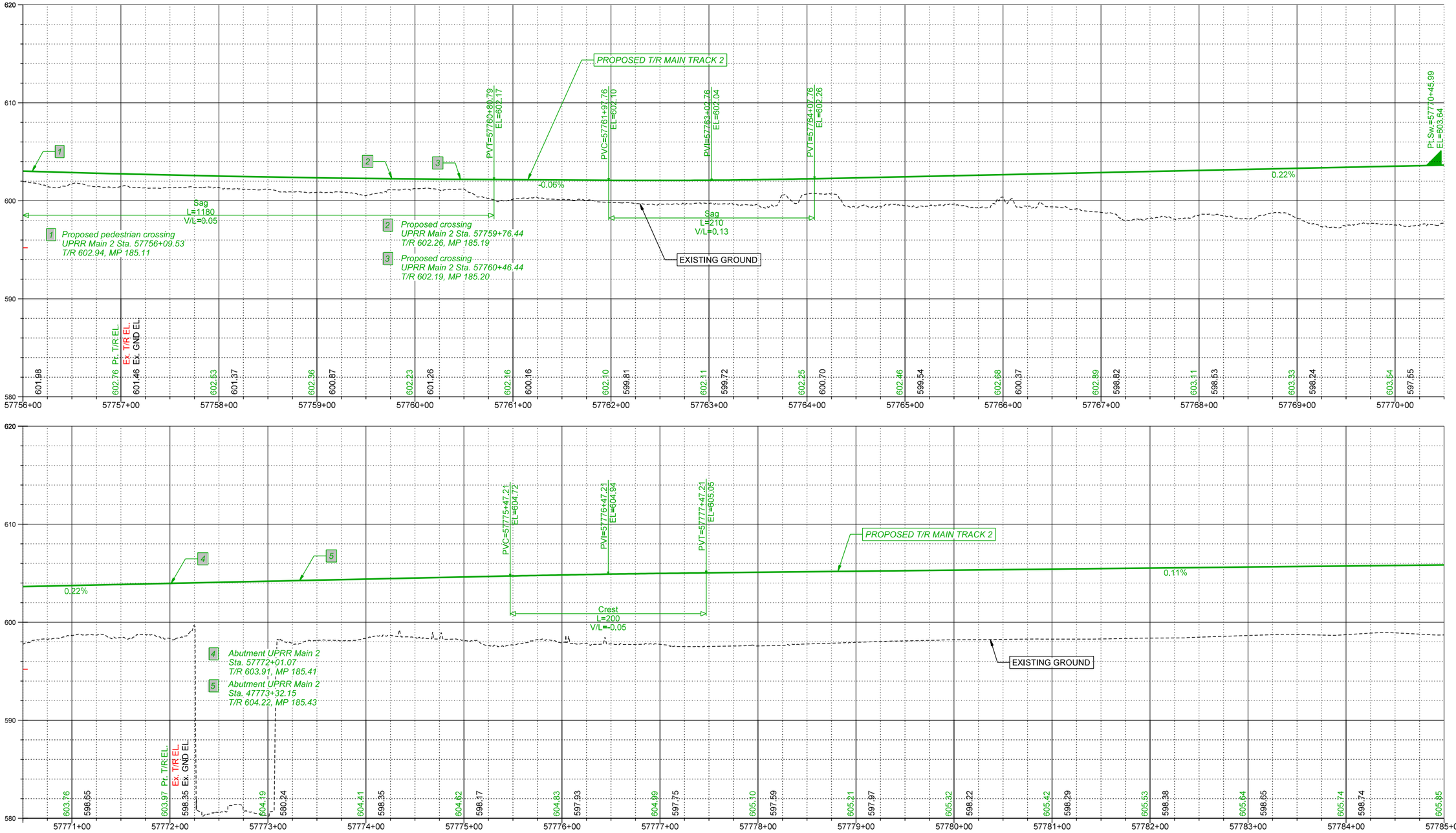
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	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PROFILE – UPRR MAIN 2 – 5

SCALE: | SHEET 5 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	223
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



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

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

FINAL PLANS

MODEL: Sheet 25_UP_M2_Profile
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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PROFILE – UPRR MAIN 2 – 6

SCALE: | SHEET 6 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	224
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS	FED. AID PROJECT		

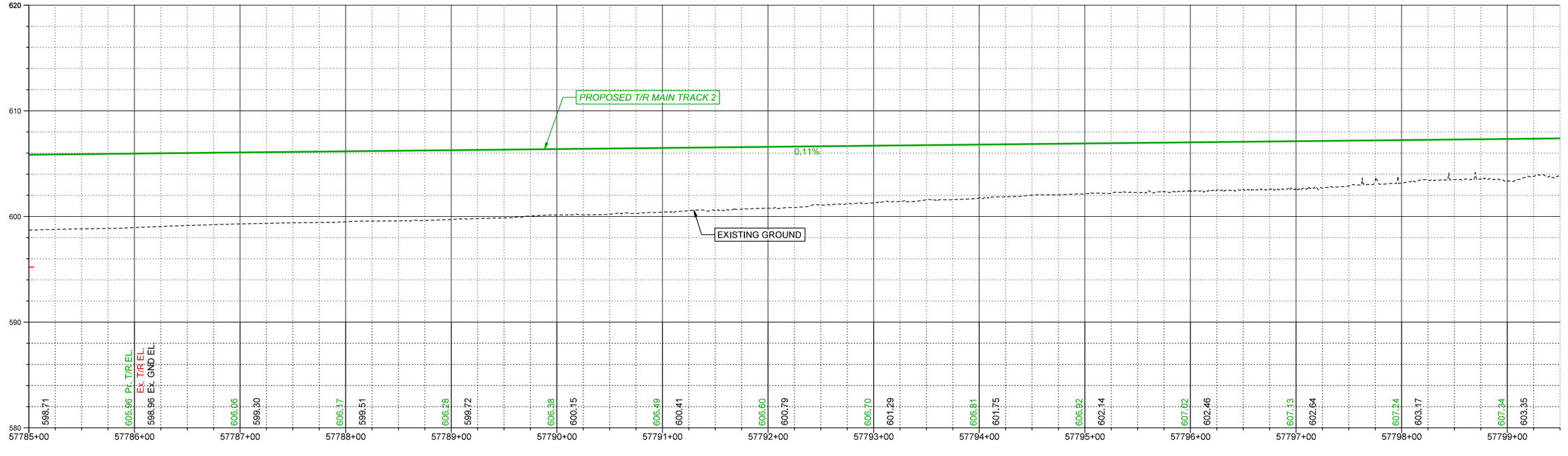
PLAN

SURVEYED
PLOTTED
DESIGNED
NOTE BOOK
NO.

BY

DATE

ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME



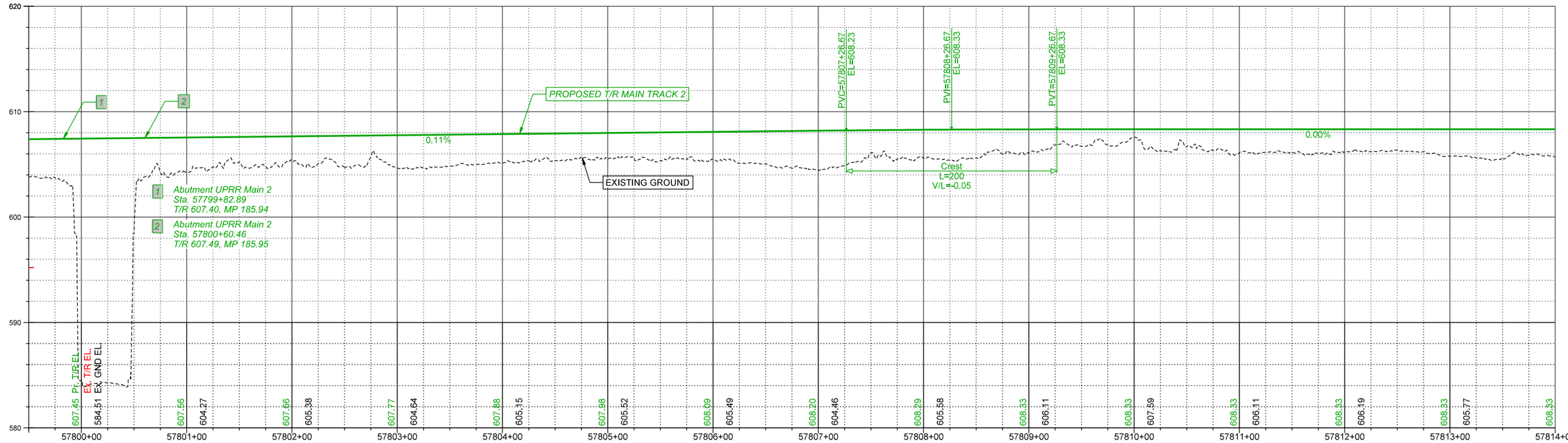
PROFILE

SURVEYED
PLOTTED
DESIGNED
NOTE BOOK
NO.

BY

DATE

CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD



EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)
Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

FINAL PLANS

MODEL: Sheet_26_UP_M2_Profile
FILE NAME: pw:\hansonline-pw.bentley.com:hanson-pw-011\Documents\09l\ots\09L0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-stn-alnpr-t-01_UPRR.dgn

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	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

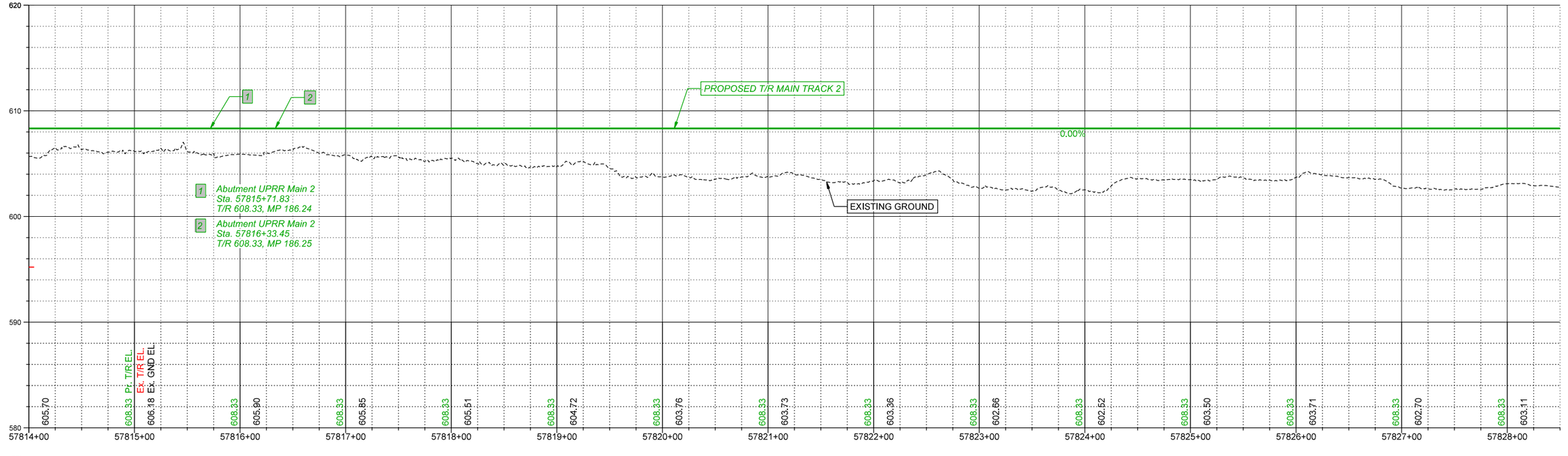
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PROFILE – UPRR MAIN 2 – 7

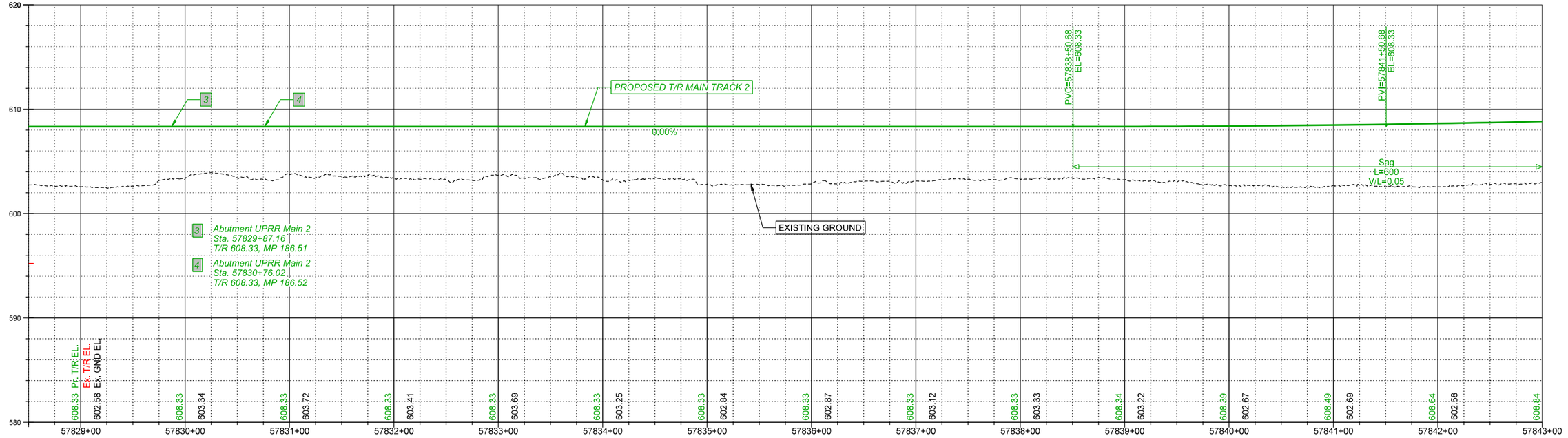
SCALE: | SHEET 7 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	225
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

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



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



EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)
Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

FINAL PLANS

MODEL: Sheet 27 UP_M2_Profile
FILE NAME: pw:\hansonline-pw.bentley.com:hanson-pw-01\Documents\09l0ds\09L0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-dtl-plnprf-01_UPRR.dgn

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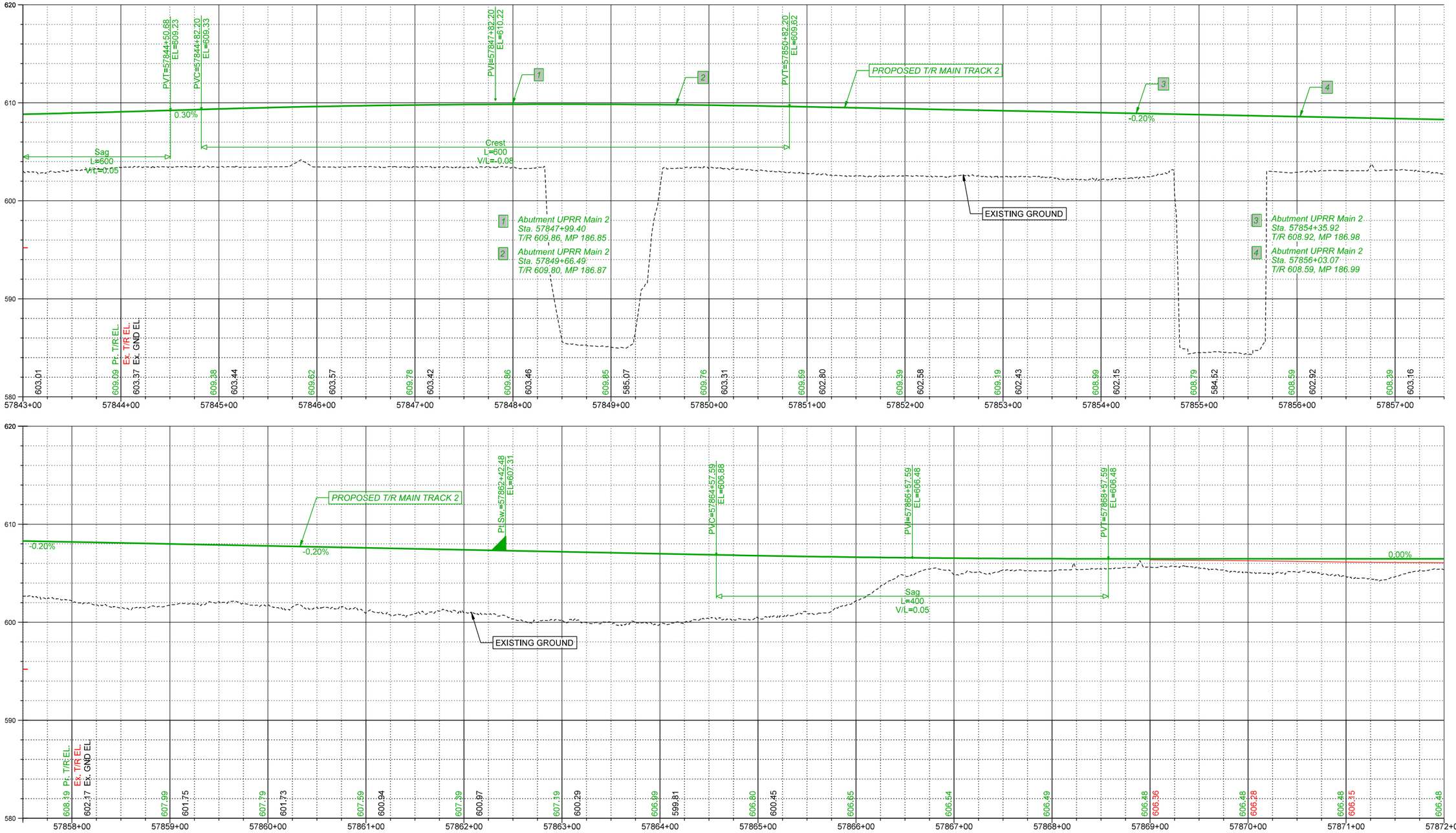
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	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PROFILE – UPRR MAIN 2 – 8

SCALE: | SHEET 8 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	226
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)
Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

PLAN / PROFILE — SURVEYED / PLOTTED / DESIGN CHECKED / R.W. NOTED / STRUCTURE NOTATNS CHKD / RT. OF WAY CHECKED / ALIGNMENT CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

FINAL PLANS

MODEL: Sheet_28_UP_M2_Profile
FILE NAME: pw:\hansonline-pw.bentley.com:hanson-pw-011\Documents\09l0ds\09L0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRR\Sheet\D09L0179B-dtn-allsprf-01_UPRR.dgn

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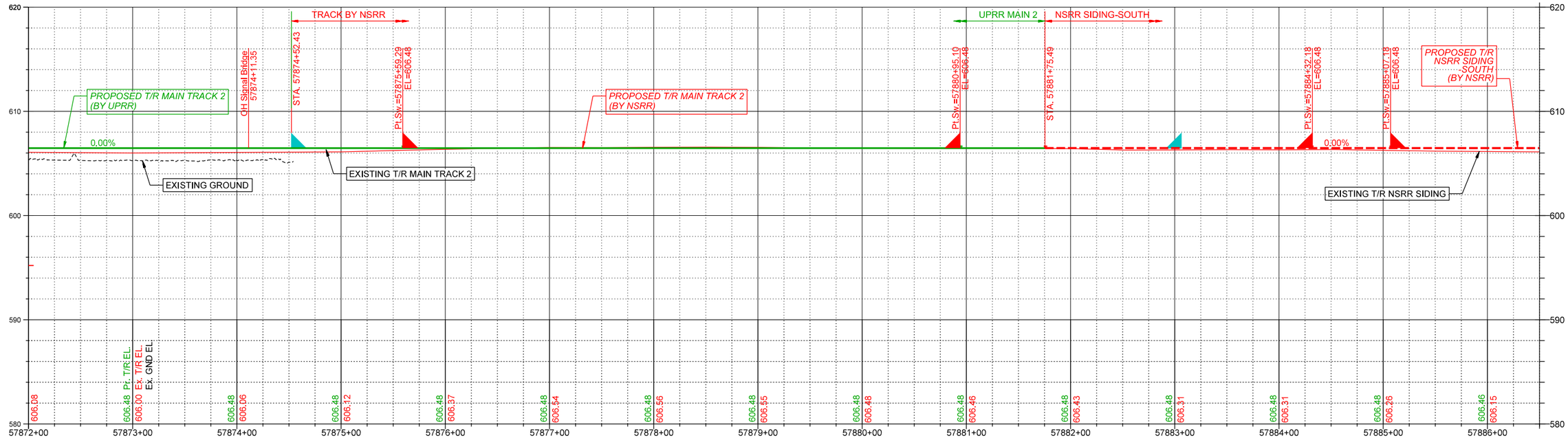
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PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

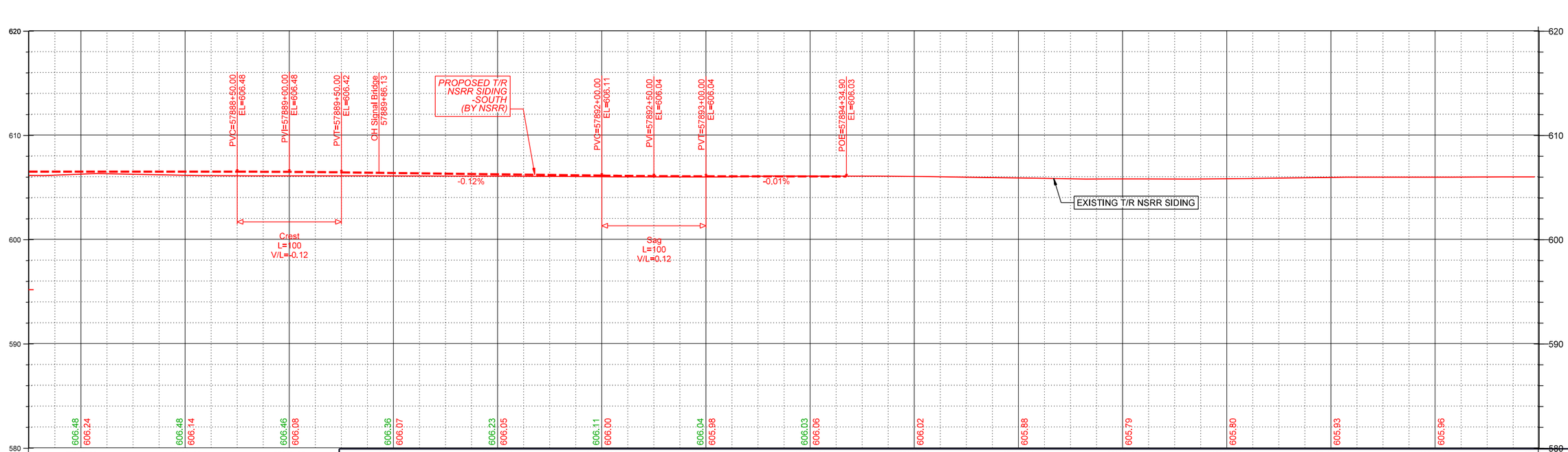
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PROFILE – UPRR MAIN 2 – 9

SCALE: | SHEET 9 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	227
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			





EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX

NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)
NOTE WORK BY NSRR

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

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

FINAL PLANS

MODEL: Sheet 29 UP_M2_Profile
FILE NAME: pw:\\\hansonllc-pw.bentley.com:hanson-pw-01\Documents\09l\o\s09l\L01179B\Usable Segments III - V - VII\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L01179B-sht-plnprf-01_UPRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -
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PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PROFILE – UPRR MAIN 2 – 10

SCALE: | SHEET 10 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	228
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

CURVE 182A 6
Delta 13^57'04"
R 955.37'
D 6^00'00.00"
L 199.53'
S/L 33'
SE = 0.75"
DS = 20 MPH

CURVE 182B 6
Delta 3^00'27"
R 1,146.28'
D 5^00'00.00"
L 60.15'
S/L 0'
SE = 0.75"
DS = 20 MPH

EX. RAIL XING
17°11'06"

UPRR MAIN 2
136# CONC
UPRR MAIN 1
136# CONC

EXISTING UPRR TRACK 3

EXISTING IMRR

EXISTING IMRR

SIGNAL TO REMAIN

UPRR TRACK 3
136# WOOD

CURVE 182A_6

CURVE 182B_6

RAISE 150 T.F. UPRR TRACK 3
25% TIE RENEWAL
STA. 403+98.37 TO STA. 405+10.94

INSTALL 150 T.F. W/136# HH CWR TIMBER TIES FOR
UPRR TRACK 3 STA. 402+47.95 TO STA. 403+98.37

INSTALL RH DBL SW PT POWER
DERAIL STA. 402+47.95

INSTALL 85 T.F. W/136# HH CWR TIMBER TIES FOR
UPRR TRACK 3 STA. 401+24.64 TO STA. 402+09.95

REMOVE 398 T.F.
UPRR MAIN 1

INSTALL NO. 11 LH POTO SPRG=
136#, CONC, SWITCH STAND INSIDE, HST=
UPRR TRACK 3 STA. 400+00.00=
UPRR MAIN 1 STA. 47640+96.36
MP 182.89

ACCESS ROAD

IM MP 85

UP MP 183

SANGAMON AVE

A STANDARD TIE TRANSITION ZONE PER UPRR STANDARD DRAWING 0270.

B IN AREAS WHERE UPRR WILL PERFORM INSTALLATION, CONTRACTOR SHALL BUILD SKELETONIZED TRACK PANELS, TURNOUTS/SWITCHES, AND TIE TRANSITION ZONES OFFLINE IN ADVANCE OF UPRR INSTALLATION.

SCALE IN FEET
50 0 50 100

EXISTING T/R UPRR TRACK 3

PROPOSED T/R UPRR TRACK 3

Pt. T/R EL.
Ex. T/R EL.
Ex. GND EL.

Crest
L=200
V/L=-0.19

Sag
L=100
V/L=0.12

-0.49%
-0.12%
-0.24%

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

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

FINAL PLANS

MODEL: Sheet Track 3
FILE NAME: pw:\\hansonlnc-pw.bentley.com:hanson-pw-01\Documents\09l0is\09L0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-plnprf-02_UPRR.dgn

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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PLAN AND PROFILE – UPRR TRACK 3

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	229
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To BARR JCT.
Timetable North

To SPRINGFIELD YARD
Timetable South

UPRR MAIN 2
136# CONC
UPRR MAIN 1
136# CONC

EXISTING UPRR TRACK 3
EXISTING IMRR

SANGAMON AVE

UPRR TRACK 3
136# CONC

IM MP 85

UP MP 183

CONSTRUCT PR. RAIL XING 14°48'00"
IMRR MAIN STA. 6+11.94=
UPRR MAIN 1 STA. 47637+52.53
IMRR MP 85.07 UPRR MP 182.3

CONSTRUCT PR. RAIL XING 14°48'00"
IMRR MAIN STA. 5+33.64=
UPRR MAIN 2 STA. 57638+29.79
IMRR MP 85.08 UPRR MP 182.4

CURVE 85_1
Delta 15°20'02" RT
R 491.96'
D 11°40'00.00"
L 131.43'
S/L 0'
SE = 0"
DS = 10 MPH

CURVE 85_2
Delta 20°43'22" RT
R 1,348.45'
D 4°15'00.00"
L 487.70'
S/L 0'
SE = 0"
DS = 10 MPH

SHIFT 111 T.F. IMRR
25% TIE RENEWAL
STA. 6+67.22 TO STA. 7+78.03

SHIFT/RAISE 443 T.F. IMRR
25% TIE RENEWAL
STA. -0+22.26 TO STA. 4+64.78

STA. 4+30.00,
14.00' RT.

STA. 2+91.90
24.00' RT

STA. 2+90.00,
14.00' RT.

PROPOSED
CONCRETE
BARRIER

CURVE 85_1

IMRR

EXISTING
IMRR

CURVE 85_2

IMRR

EXISTING IMRR

SIGNAL (BY UPRR)

STA. -0+78, OFF 44'

REMOVE SIGNAL

REMOVE 38 T.F.

RAISE 90 T.F. IMRR (BY UPRR)
25% TIE RENEWAL
STA. -0+60.26 TO STA. -1+50.00

INSTALL RH POWER DERAIL
STA. -0+60.26
A

EX. RAIL XING
17°11'06""

REMOVE 203 T.F. IMRR
INCLUDING RAIL XING

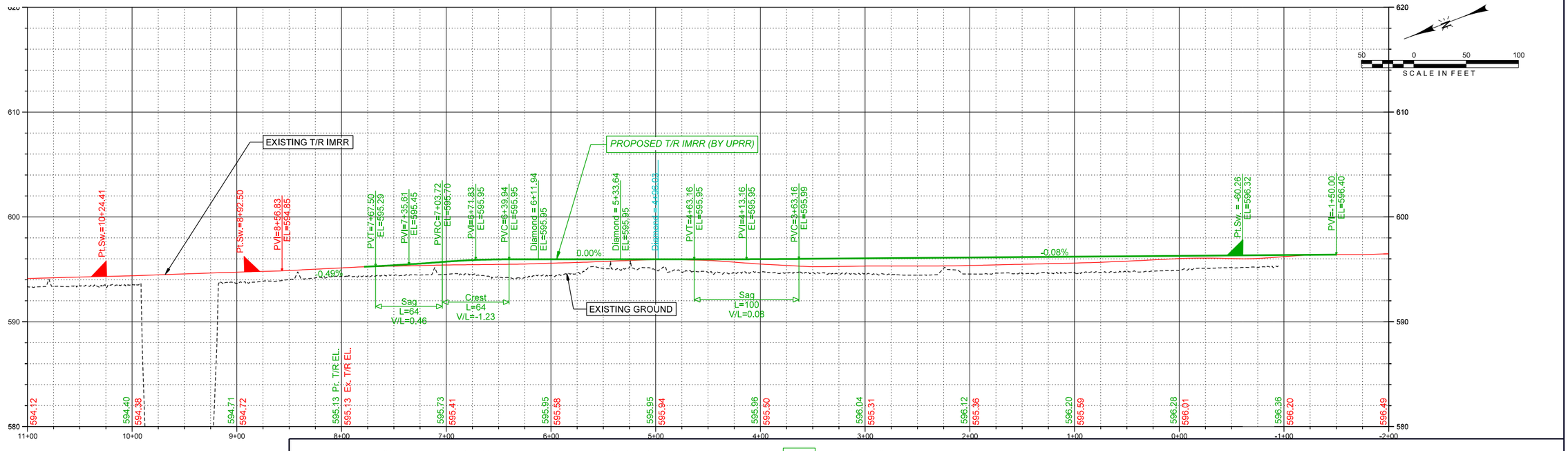
A INSTALL 173 T.F. W/136# HH CWR
TIMBER TIES FOR IMRR
STA. 4+64.78 TO STA. 6+67.22
INCLUDING TWO RAIL XINGS

ACCESS ROAD

STA. 47645+87

A IN AREAS WHERE UPRR WILL PERFORM INSTALLATION, CONTRACTOR SHALL BUILD SKELETONIZED TRACK PANELS, TURNOUTS/SWITCHES, AND TIE TRANSITION ZONES OFFLINE IN ADVANCE OF UPRR INSTALLATION.

B INSULATED JOINTS



50 0 50 100
SCALE IN FEET

F0 EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
F0 PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

PROFILE
SURVEYED
PLOTTED
DESIGN CHECKED
S.M. NOTED
STRUCTURE NO(TA)TN(S) CI'K'D
NOTE BOOK
NO.
BY
DATE

FINAL PLANS

MODEL: Sheet IM Track
FILE NAME: p:\it\hansonlic-pw.bentley.com\hanson-pw-01\Documents\09lobs\09l0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-plnp-f-02_UPRR.dgn

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PLOT SCALE = 100.0001 sf / in.	CHECKED - GCN	REVISED -
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PLAN AND PROFILE – IMRR

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	230
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To DECATUR
Timetable East

To HAZEL DELL
Timetable West

MATCHLINE STA. 52523+50 (NSRR MAIN 1)

ILES AVE

ILES ST. AND BURTON ST. CONSTRUCTED IN PRIOR CONTRACT

BURTON DR

POB 62509+40.83

SHIFT 77 T.F. NSRR SIDING (BY NSRR) STA. 62509+40.83 TO STA. 62510+17.09

BEGIN TRACK SHIFT STA. 52512+46.57

PROPOSED ROW

65'

55.75'

35'

20'

15'

62510+00

52510+00

62513+04.84 PS

62513+09.73 PS

62514+30.84 PSC

62514+35.73 PSC

SHIFT 1,152 T.F. NSRR MAIN (BY NSRR) STA. 52512+46.57 TO STA. 52523+97.96

CONSTRUCT 1,376 T.F. W/136# CWR WOOD TIES FOR NSRR SIDING STA. 62510+17.09 TO STA. 62523+93.02 (BY NSRR)

CURVE 416_5 (MAIN 1)
Delta 22°51'14" Lt
R 2,292.01'
D 2°30'00"
L 790.24'
S/L 124.00'
SE = 2.0"
DS = 45(F)

CURVE 416_6 (SIDING)
Delta 20°10'04" Lt
R 2,277.01'
D 2°30'59"
L 677.49'
S/L 124.00'
SE = 1.0"
DS = 20(F)

CURVE 416B_6 (SIDING)
Delta 3°02'18" Rt
R 1,146.28'
D 5°00'00"
L 60.79'
S/L 0.00'
SE = 0"
DS = 20(F)

SIGNAL BRIDGE (BY NSRR)
NSRR MAIN 1 STA. 52522+07.53, MP. DH-416.51
UPRR MAIN 1 STA. 47874+15.52, MP. 187.39

CURVE 416B_6 (SIDING)

REMOVE NO. 20 XOVER

REMOVE SIGNAL (BY NSRR)

62521+06.27 PCS

62522+26.96 PCS

62522+30.27 PT

62523+32.28 PT

62523+39.17 PC

EXISTING ROW

58.14'

71.27'

CURVE 416_6 (SIDING)

CURVE 416_5 (MAIN 1)

62515+00

52515+00

62520+00

52520+00

NSRR SIDING

NSRR MAIN 1

57865+00

47865+00

57875+00

47875+00

15'

55.31'

UPRR MAIN 2

UPRR MAIN 1

57870+00

47870+00

46.93'

R265

FO49

EX. NSRR MAIN 1, 136# WOOD

EX. NSRR SIDING, 136# WOOD

EXISTING ROW

LEGEND

= PROPOSED STORM SEWER

= DITCH FLOW ARROW

NOTES:
1. FOR UPRR TRACK WORK, SEE PLAN AND PROFILE - UPRR MAIN 1 SHEETS AND PROFILE - UPRR MAIN 2 SHEETS 1 TO 10.
2. FOR OTHER NSRR TRACK WORK, SEE PLAN AND PROFILE - UPRR MAIN 1 SOUTH SHEET, AND PROFILE - UPRR MAIN 2 SHEET 10.

LIMITS OF GRADING

FO50

EX. UPRR MAIN 1, 136# CONC.

EX. SIGNAL CABINET TO REMAIN

R603

FO51

UPRR SIGNAL INTERFACE HOUSE, 6'X8' (BY UPRR)

REMOVE SIGNAL (BY NSRR)

RELOCATE EX. SIGNAL CABINET & PROPANE (BY NSRR)

R604

CONSTRUCT 402 T.F. W/136# CWR WOOD TIES FOR UPRR MAIN 1 STA. 47874+77.83 TO STA. 47878+79.41 (BY NSRR)

PROPOSED ROW

EXISTING ROW

50 0 50 100
SCALE IN FEET

620
610
600
590
580

PVC=52511+05.92
EL=607.37

PVT=52514+05.92
EL=606.48

PVT=52517+05.92
EL=606.48

OH Signal Bridge
52522+07.53

-0.30%

Sag
L=600
V/L=0.05

PROPOSED T/R NSRR MAIN 1

0.00%

EXISTING T/R

Pr. T/R EL.
Ex. T/R EL.

| | | |

To DECATUR
Timetable East

To HAZEL DELL
Timetable West

MATCHLINE STA. 47877+00 (UPRR MAIN 1)

CONSTRUCT NO. 10 RH POTO
136#, WOOD. SWITCH STAND INSIDE
NSRR SIDING STA. 62525+05.17
MP DH-416.56

REMOVE 677 T.F. NSRR MAIN 1 AND TWO NO. 20 XOVERS AND ONE NO. 20 TURNOUT) FROM STA. 52523+97.96 TO STA. 52537+06.86)

REMOVE TWO NO. 20 XOVERS

CONSTRUCT NO. 20 LH XOVER
136# WOOD. SWITCH STAND OUTSIDE.
TO NSRR MAIN 1 STA. 52527+58.96
MP DH-416.59

REMOVE NO. 20 TURNOUT

CONSTRUCT NO. 20 RH XOVER
136# WOOD. SWITCH STAND OUTSIDE.
TO NSRR MAIN 1 STA. 52528+23.96
MP DH-416.60

CONSTRUCT NO. 20 LH POTO
136# WOOD. SWITCH STAND INSIDE.
NSRR SIDING SOUTH STA. 57880+95.10
(UPRR MAIN 1 STA. 47880+99.61
MP DH-416.64 (UPRR MP 187.51)

CONSTRUCT NO. 20 LH POTO
136# WOOD. SWITCH STAND INSIDE.
NSRR MAIN 1 STA. 52530+73.95 NSRR
MP DH-416.64
= UPRR MAIN 1 SOUTH STA. 0+00.00
UPRR MP 187.56
SEE PLAN AND PROFILE - UPRR MAIN 1 SOUTH SHEETS

SHIFT 300 T.F. UPRR MAIN 1 SOUTH
25% WOOD TIE RENEWAL;
STA. 2+20 TO STA. 5+20.00;
SEE PLAN AND PROFILE - UPRR MAIN 1 SOUTH SHEETS

SIGNAL PADS AND CULVERTS (BY CONTRACTOR)

EX. NSRR SIDING, 136# WOOD
EX. NSRR MAIN 1, 136# WOOD
EX. UPRR MAIN 1, 136# CONC.

CONSTRUCT NO. 20 LH XOVER
136# WOOD. SWITCH STAND INSIDE.
NSRR MAIN 1 STA. 52537+06.86
MP DH-416.74

R610
R607
R608

15.05'
14.1'
57890+00

PUB XOVER
DOT# 410992M
UP MP 187.64

EXISTING ROW

67.58'

70.32'

EXISTING ROW

PROPOSED ROW

FO53 (BY UPRR)

FO52

52523+47.96 PT
52523+93.02
52524+73.92 PT
52525+05.17 Pt Sw
= 52525+06.96
52525+00
52525+00
52530+00
52535+00
57880+00
47880+00
57885+00

R601
R602
R609

UPRR MAIN 1

A
B
C
D
E
F
G
H

ACCESS ROAD
LIMITS OF GRADING

RELOCATE SIGNAL CABINET, COMM. TOWER AND PROPANE (BY NSRR)

COMMUNICATIONS DUCT BANK (BY UPRR)
COMMUNICATIONS DUCT BANK

UPRR MAIN 1 STA. 47881+80.00 = UPRR MAIN 2 STA. 57881+75.50 = NSRR SIDING-SOUTH STA. 57881+75.50

EX. PROPANE TO REMAIN

REMOVE NO. 20 XOVER

EXISTING OVERPASS STANFORD AVE

SHIFT/RAISE 708 T.F. NSRR SIDING-SOUTH STA. 57887+27.18 TO STA. 57894+34.90

REMOVE EX. SIGNAL BRIDGE NSRR MP. DH-416.71 UPRR MP 187.65 (BY NSRR)

253.48'

PC 57890+22.11

CONSTUCT NO. 20 LH XOVER
136# WOOD. SWITCH STAND OUTSIDE.
NSRR SIDING-SOUTH STA. 57885+07.18 =
NSRR MAIN 1 STA. 52533+02.91, 14.1' RT
MP DH-416.69

REMOVE 873 T.F. NSRR SIDING SOUTH STA. 57874+52.43 TO STA. 57887+27.18 AND TWO NO. 20 CROSSOVERS

CONSTRUCT NO. 20 RH XOVER
136# WOOD. SWITCH STAND OUTSIDE.
= NSSR SIDING-SOUTH 57884+32.18
NSRR MAIN 1 STA. 52532+27.91, 14.10' RT
MP DH-416.67

SIGNAL BRIDGE (BY NSRR)
NSRR MAIN 1 STA. 52537+81.86, MP DH416.76
UPRR MAIN 1 STA. 47887+86.13, MP 187.67
NSRR SIDING-SOUTH STA. 57889+86.13

SURFACE / RAISE 622 T.F. NSRR MAIN 1 STA. 52537+06.86 TO STA. 52540+29.24

SCALE IN FEET
50 0 50 100

CONSTRUCT TRACK 136# CWR, WOOD TIES IN THESE LOCATIONS:

A	30	T.F. NSRR MAIN 1 STA. 52525+08.26 TO STA. 52525+38.96 (PS TO LLT)
B	65	T.F. NSRR MAIN 1 STA. 52527+58.96 TO STA. 52528+23.96 (PS TO PS)
C	30	T.F. NSRR MAIN 1 STA. 52530+43.96 TO STA. 52530+73.96 (LLT TO PS)
D	193	T.F. NSRR MAIN 1 STA. 52532+93.96 TO STA. 52534+86.86 (LLT TO LLT)
E	107	T.F. NSRR SIDING-SOUTH STA. 57874+43 TO STA. 57875+59.29 (BEGIN TO PS)
F	96	T.F. NSRR SIDING-SOUTH STA. 57877+79.29 TO STA. 57878+75.10 (LLT TO LLT)
G	117	T.F. NSRR SIDING-SOUTH STA. 57880+95.10 TO STA. 57882+12.18 (PS TO LLT)
H	75	T.F. NSRR SIDING-SOUTH STA. 57884+32.18 TO STA. 57885+07.18 (PS TO PS)

NOTES:
1. *FOR UPRR TRACK WORK, SEE PLAN AND PROFILE - UPRR MAIN 1 SHEETS AND PROFILE - UPRR MAIN 2 SHEETS 1 TO 10.*
2. *FOR OTHER NSRR TRACK WORK, SEE PLAN AND PROFILE - UPRR MAIN 1 SOUTH SHEET, AND PROFILE - UPRR MAIN 2 SHEET 10.*

620
610
600
590
580

EL=606.48 Pt.Sw.=52525+08.96
EL=606.48 Pt.Sw.=52527+58.96
EL=606.48 Pt.Sw.=52528+23.96
EL=606.48 Pt.Sw.=52530+73.96
EL=606.48 Pt.Sw.=52537+06.86
OH Signal Bridge 52537+81.86

PROPOSED T/R NSRR MAIN 1
0.00%
EXISTING T/R

Pr. T/R EL.
Ex. T/R EL.

606.48 606.31
606.48 606.37
606.48 606.37
606.48 606.35
606.48 606.49
606.48 606.52
606.48 606.39
606.48 606.43
606.48 606.44
606.48 606.44
606.48 606.40
606.48 606.56
606.48 606.52
606.48 606.51
606.48 606.55

52524+00 52525+00 52526+00 52527+00 52528+00 52529+00 52530+00 52531+00 52532+00 52533+00 52534+00 52535+00 52536+00 52537+00 52538+00

NOTE WORK BY NSRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Temporary Easement
Ex. NSRR Track
Prop. NSRR Track
Remove NSRR Track
Shift NSRR Track
Prop. ROW
Ex. ROW
Permanent Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, B.M. NOTED, STRUCTURE NOTATNS C/HKD, NOTE BOOK, NO., BY, DATE

FINAL PLANS

MODEL: Sheet 02
FILE NAME: pw:\\hansonlnc-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L01798\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - UPRR\Sheet\D609L01798-sht-splnpr101_NSRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0007 sf / In.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PLAN AND PROFILE – NSRR MAIN 1 – 2

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	232
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

To DECATUR
Timetable East

To HAZEL DELL
Timetable West

EXISTING ROW

EXISTING ROW

EX. CNRR

EX. NSRR SIDING, 136# WOOD

EX. NSRR MAIN 1, 136# WOOD

EX. UPRR MAIN 1, 136# CONC.

POE 52543+29.24

53.01'

52540+00

14.31'

52545+00

15.23'

57895+00

57.06'

57900+00

PT 57891+28.88

PC 57893+56.09

POE 57894+34.90

NS MP 417 STA. 52553+37.08

CURVE 416 S-1 (NSRR SIDING-SOUTH)

CURVE 416 S-2 (NSRR SIDING-SOUTH)

SURFACE / RAISE NSRR MAIN 1 (SEE PREVIOUS SHEET)

SHIFT / RAISE NSRR SIDING-SOUTH (SEE PREVIOUS SHEET)

CURVE 416 S-1
Delta 0°02'08" Rt
R 171,887.34'
D 0°02'00"
L 106.77'
S/L = 0"
DS = 20(F)

CURVE 416 S-2
Delta 0°01'35" Lt
R 171,887.34'
D 0°02'00"
L 78.81'
S/L = 0"
DS = 20 MPH

NOTES:
1. FOR UPRR TRACK WORK, SEE PLAN AND PROFILE - UPRR MAIN 1 SHEETS AND PROFILE - UPRR MAIN 2 SHEETS 1 TO 10.
2. FOR OTHER NSRR TRACK WORK, SEE PLAN AND PROFILE - UPRR MAIN 1 SOUTH SHEET, AND PROFILE - UPRR MAIN 2 SHEET 10.

50 0 50 100
SCALE IN FEET

620 610 600 590 580

POE=52543+29.24
EL=606.48

PROPOSED T/R NSRR MAIN 1

0.00%

EXISTING T/R

606.48 606.55 606.48 606.56 606.48 606.55 606.48 606.55 606.48 Pr. T/R EL. 606.52 Ex. T/R EL. 606.32 606.18 606.24 606.40 606.48 606.47

52539+00 52540+00 52541+00 52542+00 52543+00 52544+00 52545+00 52546+00 52547+00 52548+00 52549+00 52550+00

NOTE WORK BY NSRR

NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Temporary Easement

Ex. NSRR Track
Prop. NSRR Track
Remove NSRR Track
Shift NSRR Track
Prop. ROW
Ex. ROW
Permanent Easement

Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

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

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
R.M. NOTED
STRUCTURE NO/STA/NS CHKD
NOTE BOOK
NO.
BY
DATE

FINAL PLANS

MODEL: Sheet 03
FILE NAME: pw:\\hansoninc-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-plnprf-01_NSRR.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 100.0006 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

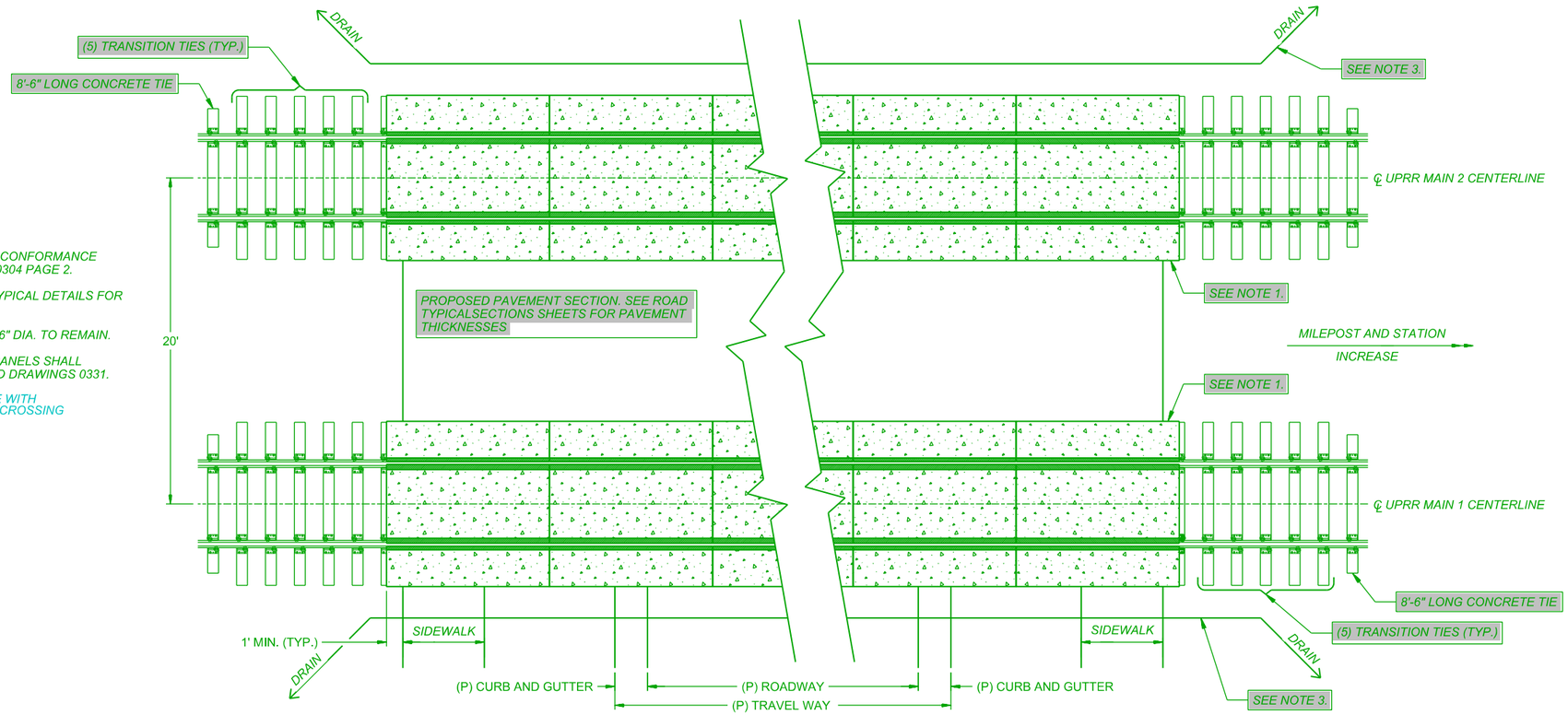
SPRINGFIELD ILLINOIS RAIL IMPROVEMENTS PROJECT
SPRINGFIELD SUBDIVISION MP 182.74 TO MP 187.125
PLAN AND PROFILE – NSRR MAIN 1 – 3

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	233
	09L0179B	CONTRACT NO.	93773	
	ILLINOIS FED. AID PROJECT			

NOTES:

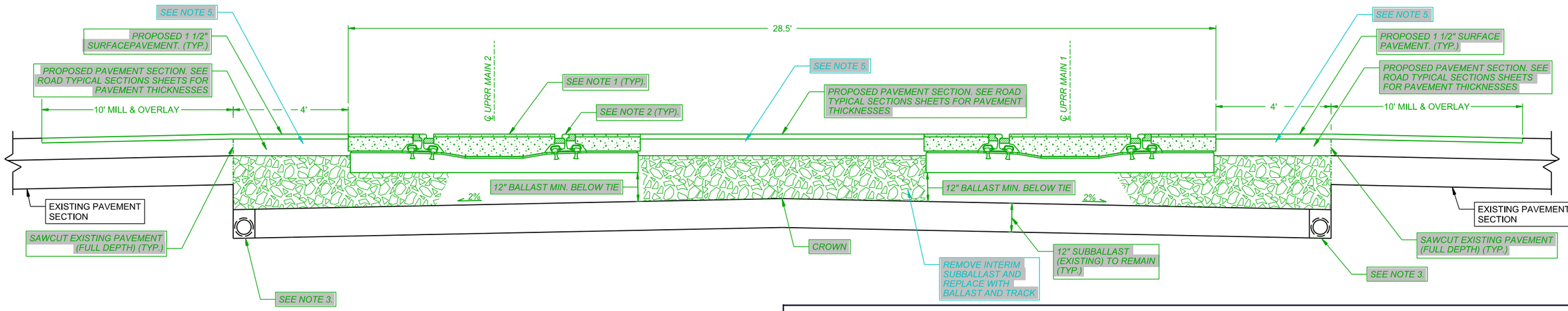
1. INSTALL PRECAST CONCRETE CROSSING IN CONFORMANCE WITH UPRR STANDARD DRAWING 0326 AND 0304 PAGE 2.
2. SEE UPRR STANDARD DRAWING 0330 FOR TYPICAL DETAILS FOR CONCRETE PANELS.
3. PIPE UNDERDRAIN, FABRIC LINED TRENCH - 6" DIA. TO REMAIN.
4. IF CURVED CONCRETE PANELS ARE USED, PANELS SHALL BE IN CONFORMANCE WITH UPRR STANDARD DRAWINGS 0331.
5. REMOVE EXISTING PAVEMENT AND REPLACE WITH PROPOSED PAVEMENT, TRACK, AND GRADE CROSSING PANELS.



TYPICAL PLAN VIEW OF CROSSING

NOT TO SCALE

FOR: RIDGELY, CONVERSE, WASHINGTON AND CAPITOL CROSSINGS



TYPICAL CROSSING DETAIL-A

NOT TO SCALE

FOR: WASHINGTON AND CAPITOL CROSSINGS

NOTE — WORK BY UPRR

NOTE — WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track	Prop. Foreign Track	Hand Throw Turnout
Prop. UPRR Track	Remove Foreign Track	Power Turnout
Remove UPRR Track	Shift Foreign Track	Power Derail
Shift UPRR Track	Prop. ROW	Hand Throw Derail
Upgrade or Raise UPRR Track	Ex. ROW	Signal
Ex. Foreign Track	Permanent Easement	
	Temporary Easement	

FINAL PLANS

MODEL: Sheet 1
FILE NAME: pw:\\hansonbc-pw.bentley.com:hanson-pw-01\Documents\09l0a\09l0179B\Usable Segments III - V - VI\CADD\RailUsable Segment VI - UPRR\Sheet\D609L0179B-sht-xfrg-detail-01.dgn

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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
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PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

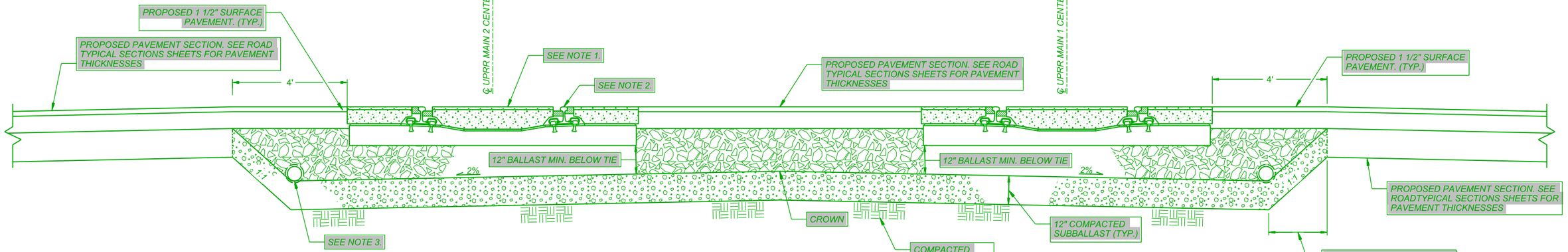
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
UPRR GRADE CROSSING DETAILS – 1

SCALE: | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	234
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
RT. OF WAY CHECKED
ALIGNMENT CHECKED
CADD FILE NAME
BY
DATE

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



NOTES:

1. INSTALL PRECAST CONCRETE CROSSING IN CONFORMANCE WITH UPRR STANDARD DRAWING 0326 AND 0304 PAGE 2.
2. SEE UPRR STANDARD DRAWING 0330 FOR TYPICAL DETAILS FOR CONCRETE PANELS.
3. PIPE UNDERDRAIN, FABRIC LINED TRENCH - 6" DIA. DEPTH VARIES, SEE TRACK PLAN AND PROFILE SHEETS.

TYPICAL CROSSING DETAIL-B

NOT TO SCALE

FOR: RIDGELY AND CONVERSE CROSSINGS

NOTE — WORK BY UPRR

NOTE — WORK BY CONTRACTOR (OR OTHERS AS NOTED)

- Ex. UPRR Track
- Prop. UPRR Track
- Remove UPRR Track
- Shift UPRR Track
- Upgrade or Raise UPRR Track
- Ex. Foreign Track
- Prop. Foreign Track
- Remove Foreign Track
- Shift Foreign Track
- Prop. ROW
- Ex. ROW
- Permanent Easement
- Temporary Easement
- Hand Throw Turnout
- Power Turnout
- Power Derail
- Hand Throw Derail
- Signal

FINAL PLANS

MODEL: Sheet 2
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USER NAME = pop00275	DESIGNED - GCN	REVISED -
	DRAWN - MKR	REVISED -
PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

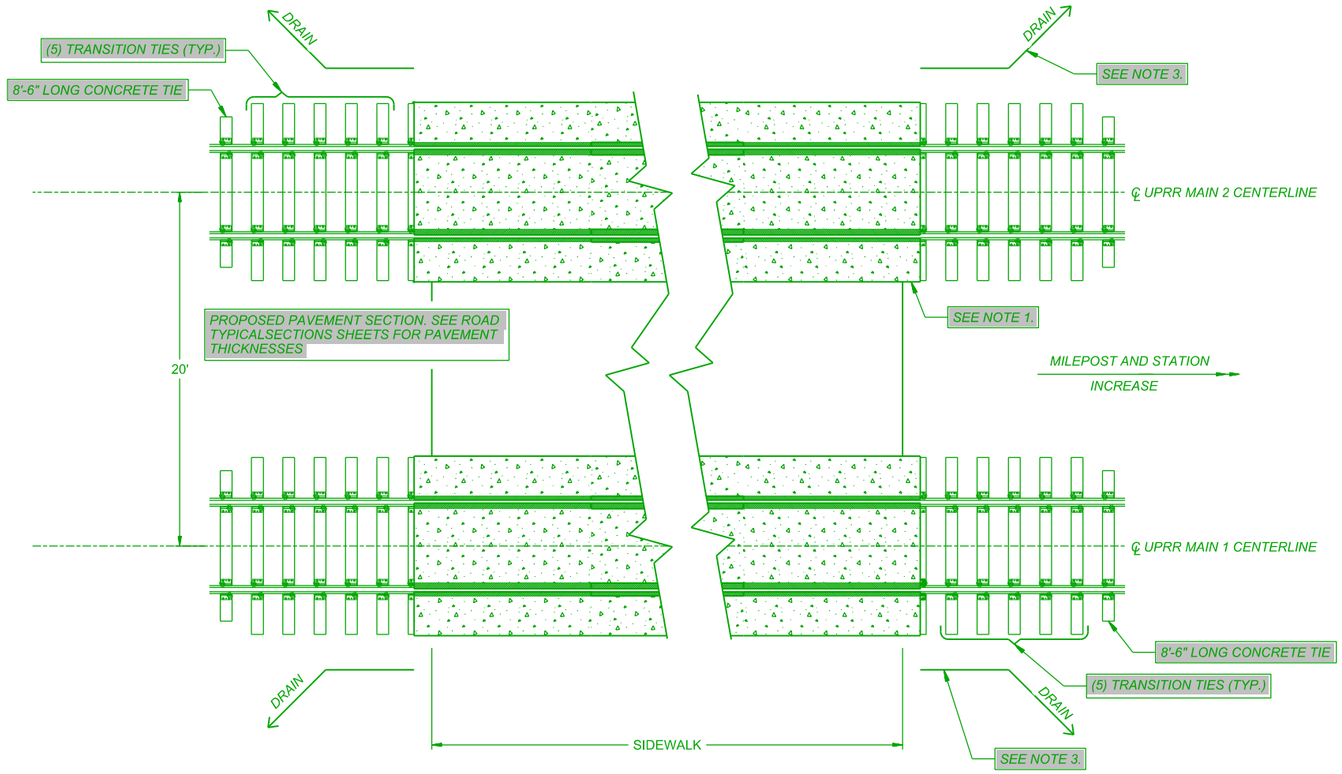
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
UPRR GRADE CROSSING DETAILS – 2

SCALE: | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	235
	09L0179B	CONTRACT NO.	93773	
	ILLINOIS FED. AID PROJECT			

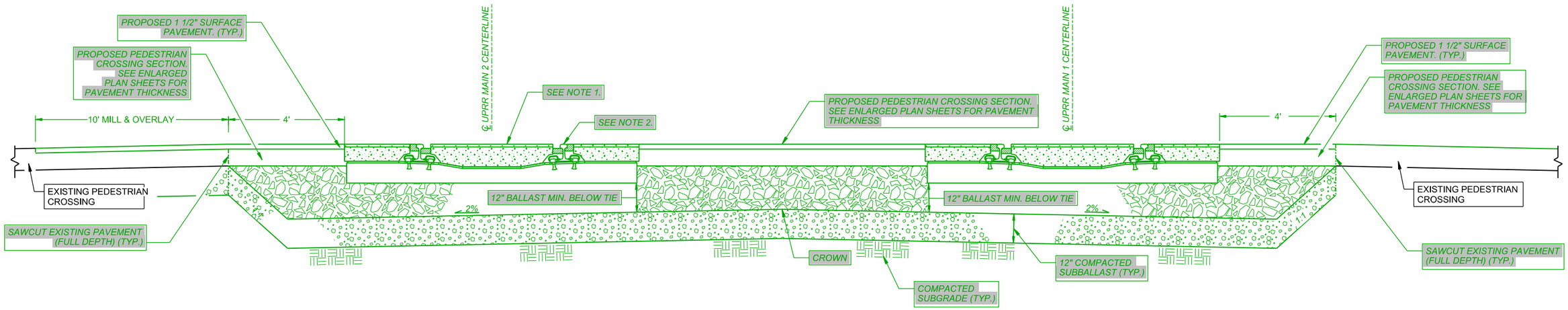
NOTES:

1. INSTALL PRECAST CONCRETE CROSSING IN CONFORMANCE WITH UPRR STANDARD DRAWING 0326 AND 0304 PAGE 2.
2. SEE UPRR STANDARD DRAWING 0330 FOR TYPICAL DETAILS FOR CONCRETE PANELS.
3. PIPE UNDERDRAIN, FABRIC LINED TRENCH - 6" DIA. DEPTH VARIES, SEE TRACK PLAN AND PROFILE SHEETS.
4. IF CURVED CONCRETE PANELS ARE USED, PANELS SHALL BE IN CONFORMANCE WITH UPRR STANDARD DRAWINGS 0331.



TYPICAL PLAN VIEW OF CROSSING

NOT TO SCALE
FOR: ENOS AND MONROE CROSSINGS



TYPICAL CROSSING DETAIL-A

NOT TO SCALE
FOR: MONROE CROSSING

NOTE — WORK BY UPRR
NOTE — WORK BY CONTRACTOR (OR OTHERS AS NOTED)

- Ex. UPRR Track
- Prop. UPRR Track
- Remove UPRR Track
- Shift UPRR Track
- Upgrade or Raise UPRR Track
- Ex. Foreign Track
- Prop. Foreign Track
- Remove Foreign Track
- Shift Foreign Track
- Prop. ROW
- Ex. ROW
- Permanent Easement
- Temporary Easement
- Hand Throw Turnout
- Power Turnout
- Power Derail
- Hand Throw Derail
- Signal

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

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

FINAL PLANS

MODEL: Sheet 1A
FILE NAME: pw:\\hansonllc-pw.bentley.com:hanson-pw-01\Documents\09l0lo\09l0179B\Usable Segments III - V - VI\CADD\Rail\Usable Segment VI - UPRR\Sheet\D609L0179B-sht-xtrkg-detail-01.dgn

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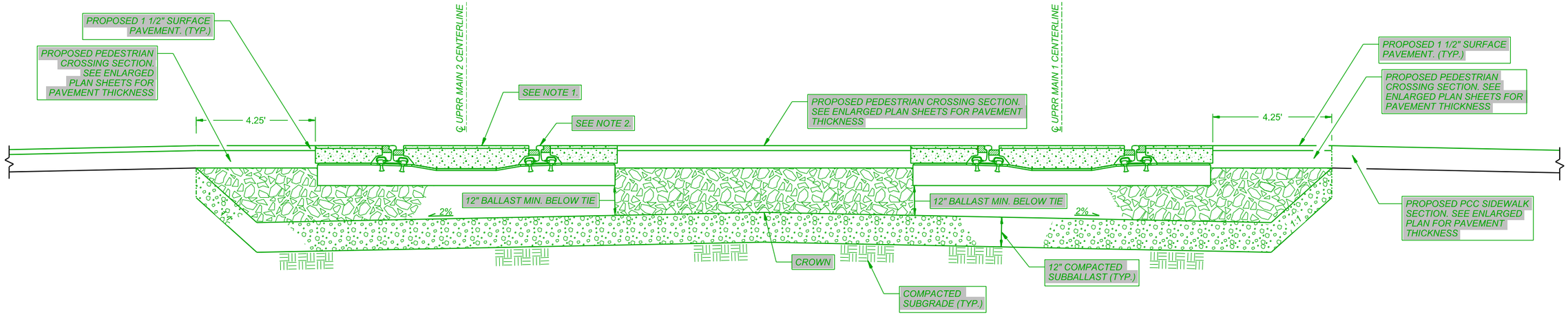
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	DRAWN - HPS	REVISED -	
PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
UPRR GRADE CROSSING DETAILS – 3

SCALE: | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	236
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. *INSTALL PRECAST CONCRETE CROSSING IN CONFORMANCE WITH UPRR STANDARD DRAWING 0326 AND 0304 PAGE 2.*
2. *SEE UPRR STANDARD DRAWING 0330 FOR TYPICAL DETAILS FOR CONCRETE PANELS.*
3. *PIPE UNDERDRAIN, FABRIC LINED TRENCH - 6" DIA. DEPTH VARIES, SEE TRACK PLAN AND PROFILE SHEETS.*

TYPICAL CROSSING DETAIL-A

NOT TO SCALE
FOR: ENOS CROSSING

NOTE — WORK BY UPRR
NOTE — WORK BY CONTRACTOR (OR OTHERS AS NOTED)

Ex. UPRR Track	Prop. Foreign Track	Hand Throw Turnout
Prop. UPRR Track	Remove Foreign Track	Power Turnout
Remove UPRR Track	Shift Foreign Track	Power Derail
Shift UPRR Track	Prop. ROW	Hand Throw Derail
Upgrade or Raise UPRR Track	Ex. ROW	Signal
Ex. Foreign Track	Permanent Easement	
	Temporary Easement	

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

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

FINAL PLANS

MODEL: Sheet 2A
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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - HPS	REVISED -	
PLOT SCALE = 100.0000 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
UPRR GRADE CROSSING DETAILS – 4

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	237
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS	FED. AID PROJECT		

To ELKHART
& (Bloomington Yard)
Timetable North

To HAZEL DELL
& (Springfield Conn.)
Timetable South

RAIL CROSSING 14°48'00"
IMRR MAIN STA. 6+11.94 =
UPRR MAIN 21 STA. 47637+52.56
M.P. 182.83
ELEV. 595.95

RAIL CROSSING 14°48'00"
IMRR MAIN STA. 5+33.64 =
UPRR MAIN 2 STA. 57638+29.79
M.P. 182.84
ELEV. 595.95

CURVE 85.2
4+00
68.20'
PT
4+65.44
5+00
14°48'0"

UPRR MAIN 1
57637+00
57638+00
57639+00
S 34°41'33.06" W
20.0'
20.0'

N 19°53'33.06" E
6+00

UPRR MAIN 2
47637+00
47638+00
47639+00
S 34°41'33.06" W

7+00
IMRR MAIN
CURVE 85_1
6+38.05
PC
26.11'
78.29'

UPRR TRACK 3

NOTES:
1. RAIL CROSSINGS ARE A LONG LEAD TIME ITEM. CONTRACTOR SHALL BEGIN PROCUREMENT PROCESS AS SOON AS POSSIBLE.
2. CONTRACTOR SHALL COORDINATE RAIL CROSSING DESIGN WITH THE SUPPLIER, AND PROVIDE A DETAILED DESIGN FOR SUBMISSION TO AND APPROVAL BY UPRR AND IMRR.
3. RAIL CROSSING DESIGN AND MATERIALS SHALL BE FROM A UPRR APPROVED SUPPLIER (SEE UPRR DRAWING 6010 FOR A LIST).

10 0 10 20
SCALE IN FEET

UPRR RAIL CROSSING
136 Lb.WOOD
M.P. 182.83 AND M.P. 182..84
SPRINGFIELD SUBDIVISION

EXISTING FIBER OPTIC
EXISTING HANDHOLE
EXISTING VAULT BOX
PROPOSED FIBER OPTIC
PROPOSED HANDHOLE
PROPOSED VAULT BOX
NOTE WORK BY UPRR
NOTE WORK BY CONTRACTOR (OR OTHERS AS NOTED)
Ex. UPRR Track
Prop. UPRR Track
Remove UPRR Track
Shift UPRR Track
Upgrade or Raise UPRR Track
Ex. Foreign Track
Prop. Foreign Track
Remove Foreign Track
Shift Foreign Track
Prop. ROW
Ex. ROW
Permanent Easement
Temporary Easement
Hand Throw Turnout
Power Turnout
Power Derail
Hand Throw Derail
Signal

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

FINAL PLANS

MODEL: Sheet_5
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USER NAME = pop00275	DESIGNED - GCN	REVISED -	
	DRAWN - HPS	REVISED -	
PLOT SCALE = 20.0000 sf / in.	CHECKED - GCN	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

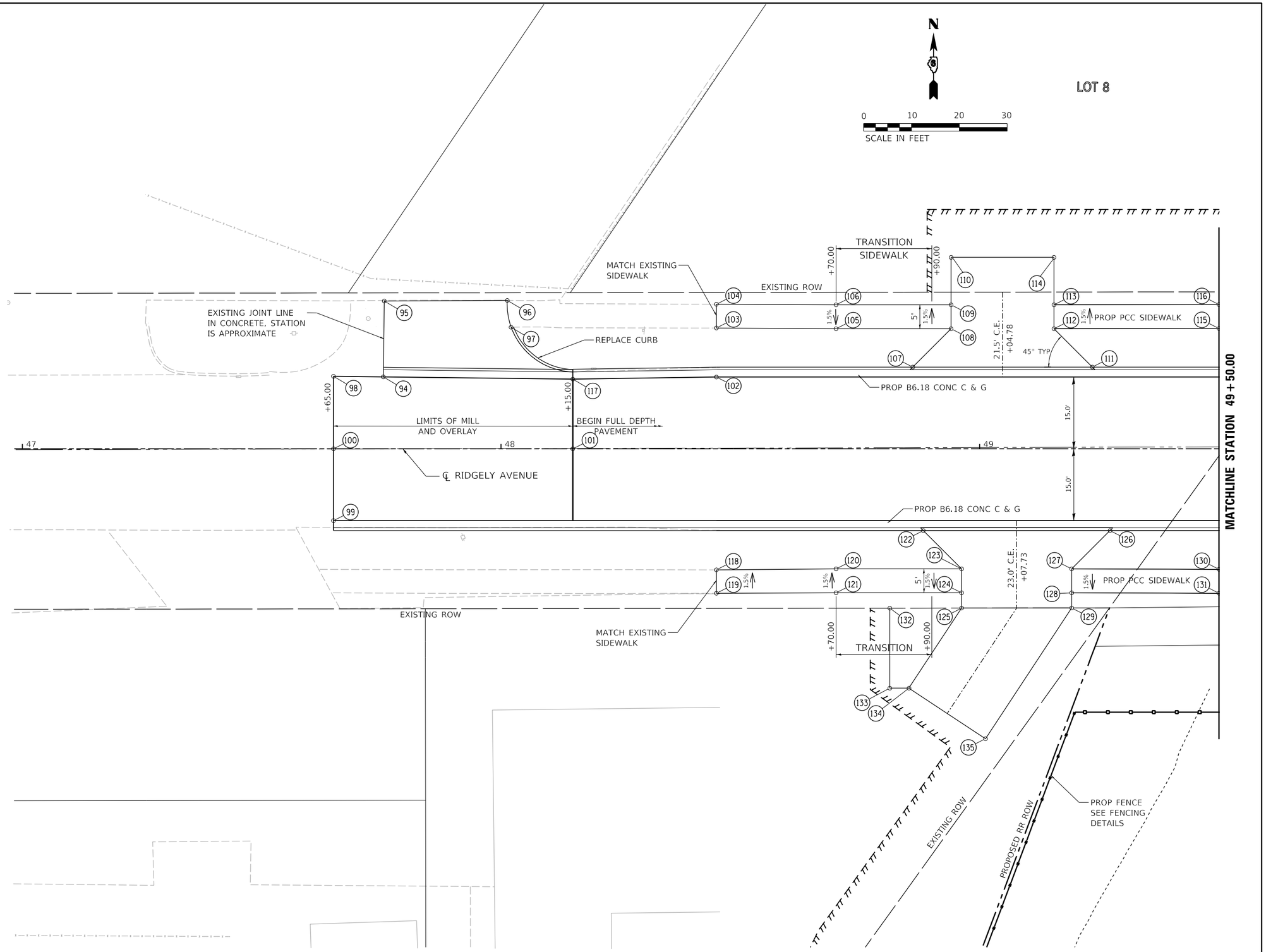
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
UPRR DOUBLE DIAMOND CROSSING DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	238
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

RIDGELY AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
EAST OF 9TH STREET				
94	47+74.27	15.00' LT	ME	EOP
95	47+74.27	31.00' LT	ME	ENT
96	48+02.10	31.00' LT	ME	ENT
97	48+02.11	25.41' LT	ME	ENT
98	47+65.00	15.16' LT	ME	EOP
99	47+65.00	15.00' RT	ME	EOP
100	47+65.00	0.00' LT	ME	CL
101	48+15.00	0.00' LT	601.86	CL
102	48+45.00	15.00' LT	602.28	EOP
103	48+45.00	25.25' LT	ME	SW
104	48+45.00	30.21' LT	ME	SW
105	48+70.00	25.08' LT	602.96	SW
106	48+70.00	30.08' LT	603.04	SW
107	48+86.03	17.08' LT	604.13	ENT
108	48+94.03	25.08' LT	603.56	ENT
109	48+94.03	30.08' LT	603.49	ENT
110	48+94.03	40.00' LT	ME	ENT
111	49+23.53	17.08' LT	605.44	ENT
112	49+15.53	25.08' LT	604.31	ENT
113	49+15.53	30.08' LT	604.24	ENT
114	49+15.53	40.00' LT	ME	ENT
115	49+50.00	25.14' LT	605.84	SW
116	49+50.00	30.14' LT	605.77	SW
117	48+15.00	15.00' LT	601.56	EOP
118	48+45.00	25.28' RT	ME	SW
119	48+45.00	30.18' RT	ME	SW
120	48+70.00	25.08' RT	602.77	SW
121	48+70.00	30.08' RT	602.84	SW
122	48+88.23	17.08' RT	604.21	ENT
123	48+96.23	25.08' RT	603.63	ENT
124	48+96.23	30.08' RT	603.56	ENT
125	48+96.23	33.27' RT	603.51	ENT
126	49+27.23	17.08' RT	605.57	ENT
127	49+19.23	25.08' RT	604.44	ENT
128	49+19.23	30.08' RT	604.37	ENT
129	49+19.23	33.24' RT	604.32	ENT
130	49+50.00	25.17' RT	605.64	SW
131	49+50.00	30.17' RT	605.57	SW
132	48+81.23	33.29' RT	ME	ENT
133	48+81.23	50.00' RT	ME	ENT
134	48+85.21	50.00' RT	ME	ENT
135	49+01.23	60.56' RT	ME	ENT

ME = MATCH EXISTING



FINAL PLANS

MODEL: Sheet 1
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HANSON

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USER NAME = pop00275	DESIGNED - SKM	REVISED -	
	DRAWN - JAP	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED - SKM	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – RIDGELY AVENUE – 1

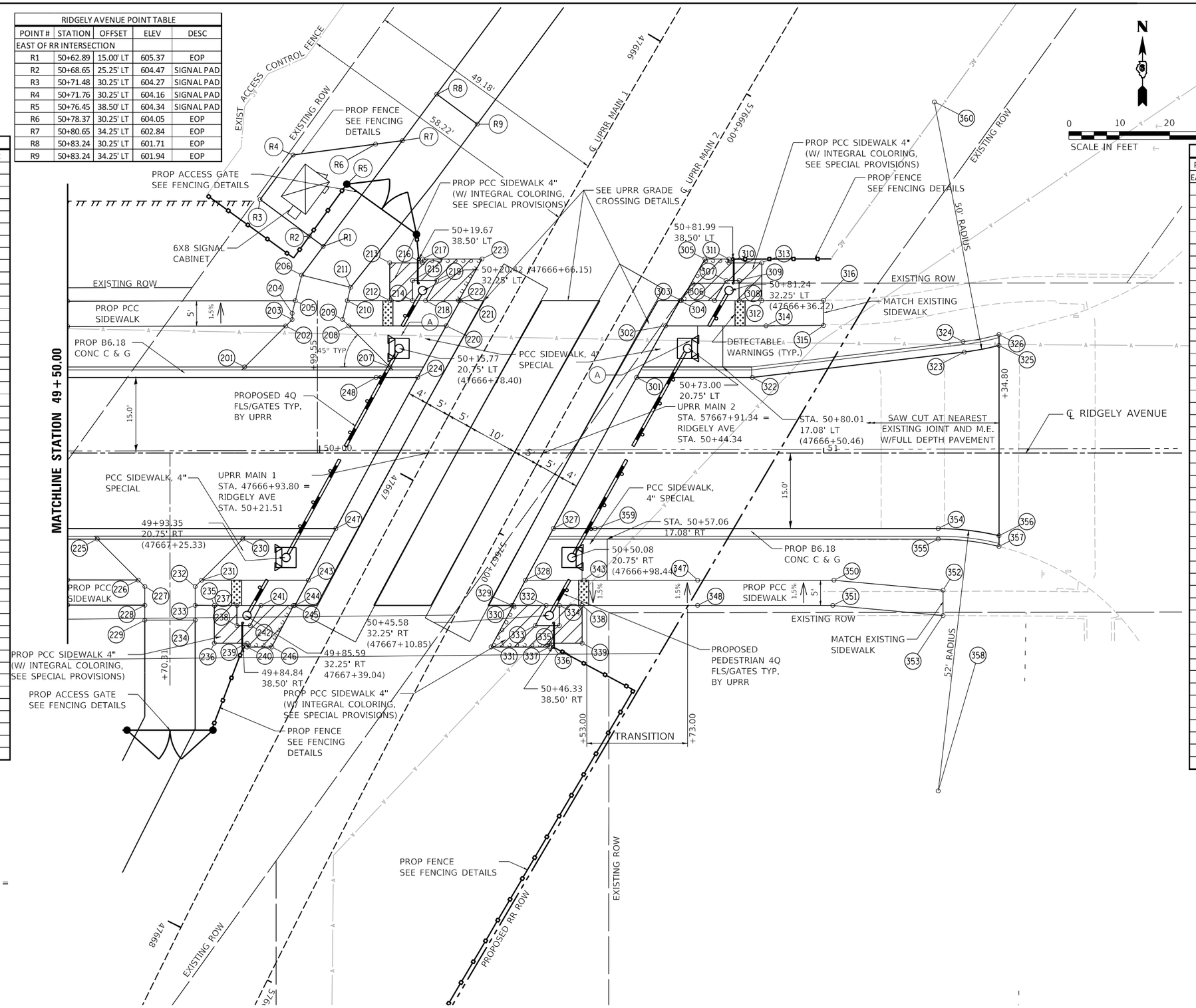
SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	239
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

RIDGELY AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
EAST OF RR INTERSECTION				
R1	50+62.89	15.00' LT	605.37	EOP
R2	50+68.65	25.25' LT	604.47	SIGNAL PAD
R3	50+71.48	30.25' LT	604.27	SIGNAL PAD
R4	50+71.76	30.25' LT	604.16	SIGNAL PAD
R5	50+76.45	38.50' LT	604.34	SIGNAL PAD
R6	50+78.37	30.25' LT	604.05	EOP
R7	50+80.65	34.25' LT	602.84	EOP
R8	50+83.24	30.25' LT	601.71	EOP
R9	50+83.24	34.25' LT	601.94	EOP

RIDGELY AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
WEST OF RR INTERSECTION				
201	49+85.13	17.08' LT	607.03	ENT
202	49+93.26	25.22' LT	606.16	ENT
203	49+94.55	26.50' LT	606.13	ENT
204	49+94.55	27.73' LT	606.11	ENT
205	49+95.17	30.22' LT	606.08	ENT
206	49+96.44	35.31' LT	605.98	ENT
207	50+13.96	17.08' LT	606.67	ENT
208	50+05.81	25.24' LT	606.01	ENT
209	50+04.55	26.50' LT	605.98	ENT
210	50+05.48	30.24' LT	605.94	ENT
211	50+06.14	32.88' LT	605.88	ENT
212	50+13.92	30.25' LT	605.92	SW
213	50+13.92	37.75' LT	605.81	SW
214	50+18.42	30.25' LT	605.91	SW
215	50+18.42	34.25' LT	605.85	SW
216	50+20.42	37.75' LT	605.80	SW
217	50+21.42	38.50' LT	605.79	SW
218	50+21.02	30.25' LT	605.90	SW
219	50+23.75	34.25' LT	605.83	SW
220	50+25.11	25.25' LT	605.95	SW
221	50+27.89	30.25' LT	605.88	SW
222	50+27.60	30.25' LT	605.88	SW
223	50+32.21	38.50' LT	605.74	SW
224	50+19.45	15.00' LT	605.95	EOP
225	49+55.90	17.08' RT	606.40	ENT
226	49+64.02	25.21' RT	605.66	ENT
227	49+65.31	26.50' RT	605.63	ENT
228	49+65.31	30.21' RT	605.59	ENT
229	49+65.31	33.18' RT	605.55	ENT
230	49+84.73	17.08' RT	606.65	ENT
231	49+76.57	25.25' RT	605.77	ENT
232	49+75.31	26.50' RT	605.74	ENT
233	49+75.31	30.24' RT	605.70	ENT
234	49+75.31	33.17' RT	605.65	ENT
235	49+79.09	30.25' RT	605.75	SW
236	49+79.09	37.75' RT	605.64	SW
237	49+89.59	30.25' RT	605.82	SW
238	49+83.59	34.25' RT	605.75	SW
239	49+85.59	37.75' RT	605.74	SW
240	49+85.59	38.50' RT	605.73	SW
241	49+88.33	30.25' RT	605.90	SW
242	49+86.23	34.25' RT	605.86	SW
243	49+97.75	25.25' RT	606.08	SW
244	49+95.11	30.25' RT	605.99	SW
245	49+95.84	30.24' RT	605.99	SW
246	49+90.50	38.50' RT	605.85	SW
247	50+03.20	15.00' RT	605.95	EOP
248	50+11.21	15.00' LT	606.33	EOP

RIDGELY AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
EAST OF RR INTERSECTION				
301	50+62.89	15.00' LT	604.61	EOP
302	50+68.65	25.25' LT	604.53	SW
303	50+71.48	30.25' LT	604.51	SW
304	50+71.76	30.25' LT	604.50	SW
305	50+76.45	38.50' LT	604.36	SW
306	50+78.37	30.25' LT	604.40	SW
307	50+80.65	34.25' LT	604.33	SW
308	50+83.24	30.25' LT	604.28	SW
309	50+83.24	34.25' LT	604.22	SW
310	50+81.24	37.75' LT	604.21	SW
311	50+81.24	38.50' LT	604.20	SW
312	50+87.75	30.25' LT	604.20	SW
313	50+87.74	37.75' LT	604.12	SW
314	50+88.59	25.25' LT	604.27	SW
315	51+00.00	25.31' LT	ME	SW
316	51+00.00	30.31' LT	ME	SW
322	50+85.84	15.00' LT	604.03	EOP
323	51+27.92	20.04' LT	603.28	EOP
324	51+27.67	22.11' LT	603.69	BK. CB.
325	51+34.80	21.36' LT	ME	EOP
326	51+34.80	23.52' LT	ME	BK. CB.
327	50+46.36	15.00' RT	604.65	EOP
328	50+40.83	25.25' RT	604.65	SW
329	50+38.14	30.25' RT	604.56	SW
330	50+38.43	30.25' RT	604.56	SW
331	50+34.02	38.50' RT	604.42	SW
332	50+44.95	30.25' RT	604.49	SW
333	50+42.81	34.25' RT	604.42	SW
334	50+47.58	30.25' RT	604.46	SW
335	50+47.58	34.25' RT	604.40	SW
336	50+45.58	37.75' RT	604.34	SW
337	50+45.58	38.50' RT	604.33	SW
338	50+52.08	30.25' RT	604.40	SW
339	50+52.08	37.75' RT	604.29	SW
343	50+52.45	25.25' RT	604.47	SW
347	50+75.00	25.25' RT	604.31	SW
348	50+75.00	30.25' RT	604.39	SW
350	51+02.05	25.25' RT	604.01	SW
351	51+01.82	30.25' RT	604.09	SW
352	51+23.71	27.23' RT	ME	SW
353	51+23.71	32.25' RT	ME	SW
354	51+22.74	15.00' RT	603.35	EOP
355	51+22.74	17.08' RT	603.76	BK. CB.
356	51+34.80	16.42' RT	ME	EOP
357	51+34.80	18.56' RT	ME	BK. CB.
358	51+22.74	67.08' RT	N/A	RAD. PT.
359	50+54.64	15.00' RT	604.35	EOP
360	51+21.97	69.69' LT	N/A	RAD. PT.



(A) CONFIRM AERIAL LINE HEIGHT = GATE TIP HEIGHT PLUS 10'

FINAL PLANS

MODEL: Sheet 2
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		DRAWN - JAP	REVISED -	
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	PLOT DATE = 10/1/2024	DATE - 10/01/2024	REVISED -	

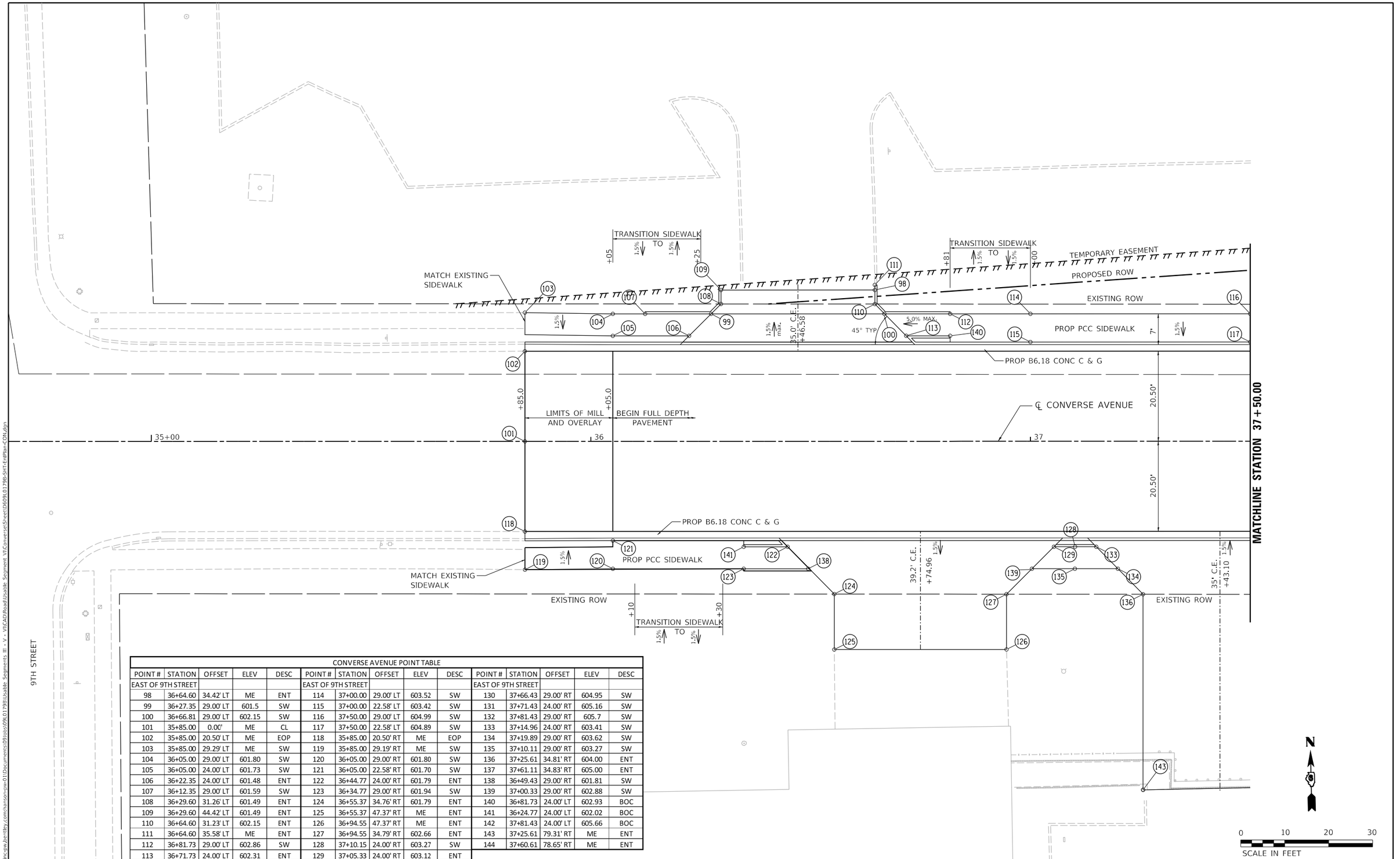
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – RIDGELY AVENUE – 2

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	240
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



CONVERSE AVENUE POINT TABLE

POINT #	STATION	OFFSET	ELEV	DESC	POINT #	STATION	OFFSET	ELEV	DESC	POINT #	STATION	OFFSET	ELEV	DESC
EAST OF 9TH STREET					EAST OF 9TH STREET					EAST OF 9TH STREET				
98	36+64.60	34.42' LT	ME	ENT	114	37+00.00	29.00' LT	603.52	SW	130	37+66.43	29.00' RT	604.95	SW
99	36+27.35	29.00' LT	601.5	SW	115	37+00.00	22.58' LT	603.42	SW	131	37+71.43	24.00' RT	605.16	SW
100	36+66.81	29.00' LT	602.15	SW	116	37+50.00	29.00' LT	604.99	SW	132	37+81.43	29.00' RT	605.7	SW
101	35+85.00	0.00'	ME	CL	117	37+50.00	22.58' LT	604.89	SW	133	37+14.96	24.00' RT	603.41	SW
102	35+85.00	20.50' LT	ME	EOP	118	35+85.00	20.50' RT	ME	EOP	134	37+19.89	29.00' RT	603.62	SW
103	35+85.00	29.29' LT	ME	SW	119	35+85.00	29.19' RT	ME	SW	135	37+10.11	29.00' RT	603.27	SW
104	36+05.00	29.00' LT	601.80	SW	120	36+05.00	29.00' RT	601.80	SW	136	37+25.61	34.81' RT	604.00	ENT
105	36+05.00	24.00' LT	601.73	SW	121	36+05.00	22.58' RT	601.70	SW	137	37+61.11	34.83' RT	605.00	ENT
106	36+22.35	24.00' LT	601.48	ENT	122	36+44.77	24.00' RT	601.79	ENT	138	36+49.43	29.00' RT	601.81	SW
107	36+12.35	29.00' LT	601.59	SW	123	36+34.77	29.00' RT	601.94	SW	139	37+00.33	29.00' RT	602.88	SW
108	36+29.60	31.26' LT	601.49	ENT	124	36+55.37	34.76' RT	601.79	ENT	140	36+81.73	24.00' LT	602.93	BOC
109	36+29.60	44.42' LT	601.49	ENT	125	36+55.37	47.37' RT	ME	ENT	141	36+24.77	24.00' LT	602.02	BOC
110	36+64.60	31.23' LT	602.15	ENT	126	36+94.55	47.37' RT	ME	ENT	142	37+81.43	24.00' LT	605.66	BOC
111	36+64.60	35.58' LT	ME	ENT	127	36+94.55	34.79' RT	602.66	ENT	143	37+25.61	79.31' RT	ME	ENT
112	36+81.73	29.00' LT	602.86	SW	128	37+10.15	24.00' RT	603.27	SW	144	37+60.61	78.65' RT	ME	ENT
113	36+71.73	24.00' LT	602.31	ENT	129	37+05.33	24.00' RT	603.12	ENT					

FINAL PLANS

MODEL: Sheet 1
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USER NAME = pop00275	DESIGNED - SKM	REVISED -	
	DRAWN - JAP	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED - SKM	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – CONVERSE AVENUE – 1

SCALE: | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	241
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

CONVERSE AVENUE POINT TABLE														
POINT #	STATION	OFFSET	ELEV	DESC	POINT #	STATION	OFFSET	ELEV	DESC	POINT #	STATION	OFFSET	ELEV	DESC
WEST OF RR INTERSECTION					WEST OF RR INTERSECTION					WEST OF RR INTERSECTION				
201	38+00.00	22.58' LT	606.32	SW	224	38+66.52	35.75' LT	606.93	SW	247	38+67.94	20.50' RT	607.24	EOP
202	38+00.00	29.00' LT	606.42	ENT	225	38+66.27	35.75' LT	606.93	SW	248	38+68.20	30.75' RT	607.24	SW
203	38+29.92	22.58' LT	607.03	ENT	226	38+00.00	22.58' RT	606.32	SW	249	38+68.33	35.75' RT	607.15	SW
204	38+39.11	32.00' LT	606.79	ENT	227	38+00.00	29.00' RT	606.42	SW	250	38+68.08	35.75' RT	607.16	SW
205	38+39.07	32.98' LT	606.78	ENT	228	38+31.07	22.58' RT	607.14	ENT	251	38+31.48	35.75' LT	606.73	SW
206	38+19.54	22.58' LT	606.82	SW	229	38+20.85	22.58' RT	606.90	SW	252	38+33.82	35.75' RT	606.90	SW
207	38+20.45	29.00' LT	606.73	SW	230	38+40.72	32.00' RT	606.97	ENT	253	38+37.89	30.75' LT	606.82	SW
208	38+42.31	47.43' LT	606.55	SW	231	38+40.76	33.48' RT	606.95	ENT	254	38+39.70	35.75' LT	606.73	SW
209	38+49.11	32.00' LT	606.94	ENT	232	38+43.71	44.11' RT	606.67	ENT	255	38+50.39	30.75' LT	606.97	SW
210	38+52.01	35.75' LT	606.90	SW	233	38+21.82	29.00' RT	606.81	SW	256	38+49.95	35.75' LT	606.88	SW
211	38+51.82	43.25' LT	606.79	SW	234	38+50.73	32.00' RT	606.97	ENT	257	38+39.44	30.75' RT	607.00	SW
212	38+52.07	45.25' LT	606.75	ENT	235	38+53.34	41.44' RT	606.87	ENT	258	38+41.39	35.75' RT	606.93	SW
213	38+32.89	30.75' LT	606.82	SW	236	38+54.01	43.25' RT	606.85	SW	259	38+51.95	30.75' RT	607.00	SW
214	38+57.02	35.75' LT	606.91	SW	237	38+34.44	30.75' RT	606.98	SW	260	38+51.77	35.75' RT	606.93	SW
215	38+56.91	39.75' LT	606.85	SW	238	38+58.82	35.75' RT	607.01	SW	261	38+72.33	35.75' RT	607.30	HMA
216	38+58.31	43.25' LT	606.80	SW	239	38+53.82	35.75' RT	606.96	SW	262	38+70.52	35.75' LT	607.00	HMA
217	38+58.32	44.00' LT	606.79	SW	240	38+58.93	39.75' RT	606.95	SW	263	38+27.23	32.25' RT	606.85	SW
218	38+58.77	22.58' LT	607.43	ENT	241	38+60.52	43.25' RT	606.92	SW	264	38+28.36	77.12' RT	605.86(ME	SW
219	38+60.52	35.75' LT	606.92	SW	242	38+60.53	44.00' RT	606.91	SW	265	38+34.86	76.95' RT	605.91(ME	SW
220	38+60.42	39.75' LT	606.86	SW	243	38+59.91	22.58' RT	607.59	ENT					
221	38+66.06	44.00' LT	606.81	SW	244	38+62.33	35.75' RT	607.06	SW					
222	38+66.90	20.50' LT	607.06	EOP	245	38+62.43	39.75' RT	607.00	SW					
223	38+66.65	30.75' LT	607.00	SW	246	38+68.29	44.00' RT	607.04	SW					

CONVERSE AVENUE POINT TABLE									
POINT #	STATION	OFFSET	ELEV	DESC	POINT #	STATION	OFFSET	ELEV	DESC
EAST OF RR INTERSECTION					EAST OF RR INTERSECTION				
301	39+04.92	20.50' LT	607.06	EOP	325	39+06.80	44.00' RT	607.20	SW
302	39+04.66	30.75' LT	606.97	SW	326	39+12.34	35.75' RT	607.28	SW
303	39+04.53	35.75' LT	606.95	SW	327	39+12.44	39.75' RT	607.22	SW
304	39+04.78	35.75' LT	606.95	SW	328	39+15.84	35.75' RT	607.32	SW
305	39+04.57	44.00' LT	606.83	SW	329	39+15.94	39.75' RT	607.24	SW
306	39+10.53	35.75' LT	607.04	SW	330	39+14.53	43.25' RT	607.22	SW
307	39+10.43	39.75' LT	606.98	SW	331	39+14.55	44.00' RT	607.21	SW
308	39+12.34	43.25' LT	606.98	SW	332	39+20.84	30.75' RT	607.30	SW
309	39+12.33	44.00' LT	606.97	SW	333	39+20.84	35.75' RT	607.37	SW
310	39+14.03	35.75' LT	607.09	SW	334	39+21.03	43.25' RT	607.26	SW
311	39+13.93	39.75' LT	607.03	SW	335	39+38.94	22.58' RT	607.21	SW
312	39+17.49	30.75' LT	607.16	SW	336	39+27.22	30.75' RT	607.14	SW
313	39+19.04	35.75' LT	607.09	SW	337	39+50.00	22.58' RT	606.98	SW
314	39+18.85	43.25' LT	606.78	SW	338	39+50.00	29.00' RT	607.08	SW
315	39+29.46	22.58' LT	607.22	SW	339	40+00.00	22.58' RT	605.70	SW
316	39+28.93	29.00' LT	607.32	SW	340	40+00.00	29.00' RT	605.80	SW
317	39+50.00	22.58' LT	606.90	SW	341	39+27.35	35.75' RT	607.06	SW
318	39+50.00	29.00' LT	607.00	SW	342	39+32.35	35.75' RT	606.99	SW
319	40+00.00	22.58' LT	605.70	SW	343	39+36.45	32.89' RT	607.07	SW
320	40+00.00	29.00' LT	605.80	SW	344	39+32.43	27.12' RT	607.18	SW
321	39+05.95	20.50' RT	607.23	EOP	345	39+42.03	29.00' RT	607.31	SW
322	39+06.21	30.75' RT	607.23	SW	346	39+27.50	41.92' RT	606.97	SW
323	39+06.34	35.75' RT	607.22	SW	347	39+35.50	41.61' RT	606.92	SW
324	39+06.59	35.75' RT	607.22	SW					

47683+95.70
24.00' RT
ELEV 603.91

PROP ACCESS GATE SEE FENCING DETAILS

35.05'

34.22'

PROPOSED RR ROW

℄ UPRR MAIN 1

47683+96.93
14.00' RT
ELEV 604.12

℄ UPRR MAIN 2

30.00'

29.17'

PROP FENCE
SEE FENCING DETAILS

PROPOSED RR ROW

TEMPORARY EASEMENT

PROP PCC SIDEWALK 4" (W/ INTEGRAL COLORING, SEE SPECIAL PROVISIONS)

57684+00

47684+15.33
32.49' RT

PROP FENCE
SEE FENCING DETAILS

47684+41.43
16.50' RT
(38+58.97)

47684+35.14
17.75' RT
SEE UPRR GRADE CROSSING DETAILS

TEMPORARY EASEMENT

PROPOSED ROW

TRANSITION SIDEWALK TO EXISTING ROW

+00

+20

1.5%

EXISTING ROW

PROP PCC SIDEWALK

7'

47684+36.54
37.75' LT

PCC SIDEWALK 4" SPECIAL

EXISTING ROW

PROP PCC SIDEWALK

PROP B6.18 CONC C & G

10.0' C.E.
+44.11

PCC SIDEWALK 4" SPECIAL

47684+52.97
15.00' RT
(38+60.75)

47684+42.76
36.50' LT
(39+11.98)

DETECTABLE WARNINGS (TYP.)

47684+54.23
35.00' LT
(39+10.77)

PROPOSED 4Q FLS/GATES TYP. BY UPRR

4' 5' 5' 10' 5' 5' 4'

UPRR MAIN 2 STA. 57684+69.48 = CONVERSE AVE STA. 38+96.43

20.5'

38

39

MATCHLINE STATION 37+50.00

MATCHLINE STATION 40+00.00

UPRR MAIN 1 STA. 47684+79.61 = CONVERSE AVE STA. 38+76.43

℄ CONVERSE AVENUE

47685+05.49
15.00' RT
(38+62.09)

47685+6.75
35.00' LT
(39+12.10)

PCC SIDEWALK 4" SPECIAL

PROP B6.18 CONC C & G

PCC SIDEWALK 4" SPECIAL

10.0' C.E.
+45.73

47685+00

57685+00

PROP PCC SIDEWALK

EXISTING ROW

PROPOSED ROW

TRANSITION SIDEWALK TO EXISTING ROW

PROPOSED PEDESTRIAN FLS/GATES TYP. BY UPRR

47685+17.03
16.50' RT
(38+60.88)

47685+23.17
17.75' RT

PROP PCC SIDEWALK 4" (W/ INTEGRAL COLORING, SEE SPECIAL PROVISIONS)

47685+24.58
37.75' LT

47685+19.29
36.50' LT
(39+13.88)

PROP FENCE
SEE FENCING DETAILS

PROP ACCESS GATE
SEE FENCING DETAILS

47685+53.07
26.28' RT
ELEV 605.13

47685+54.36
39.13' RT
ELEV M.E.

6X8 SIGNAL CABINET (BY UPRR)

PROP PCC SIDEWALK 4" (W/ INTEGRAL COLORING, SEE SPECIAL PROVISIONS)

PROP FENCE
SEE FENCING DETAILS

47685+60.95
14' RT
ELEV (604.80)

47685+70.87
24' RT
ELEV (604.65)

47685+69.36
39.13' RT
ELEV M.E.

27.50'

39.17'

40.00'

29.17'

30.00'

PROPOSED RR ROW

N

0 10 20 30

SCALE IN FEET

(A) CONFIRM AERIAL LINE HEIGHT = GATE TIP HEIGHT PLUS 10'

FINAL PLANS

MODEL: Sheet 2
FILE NAME: pw:\\hansonline-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CAD\Road\Usable Segment VI\Converse\Sheet\D609L0179B-SHT-EnlPlan-CON.dgn

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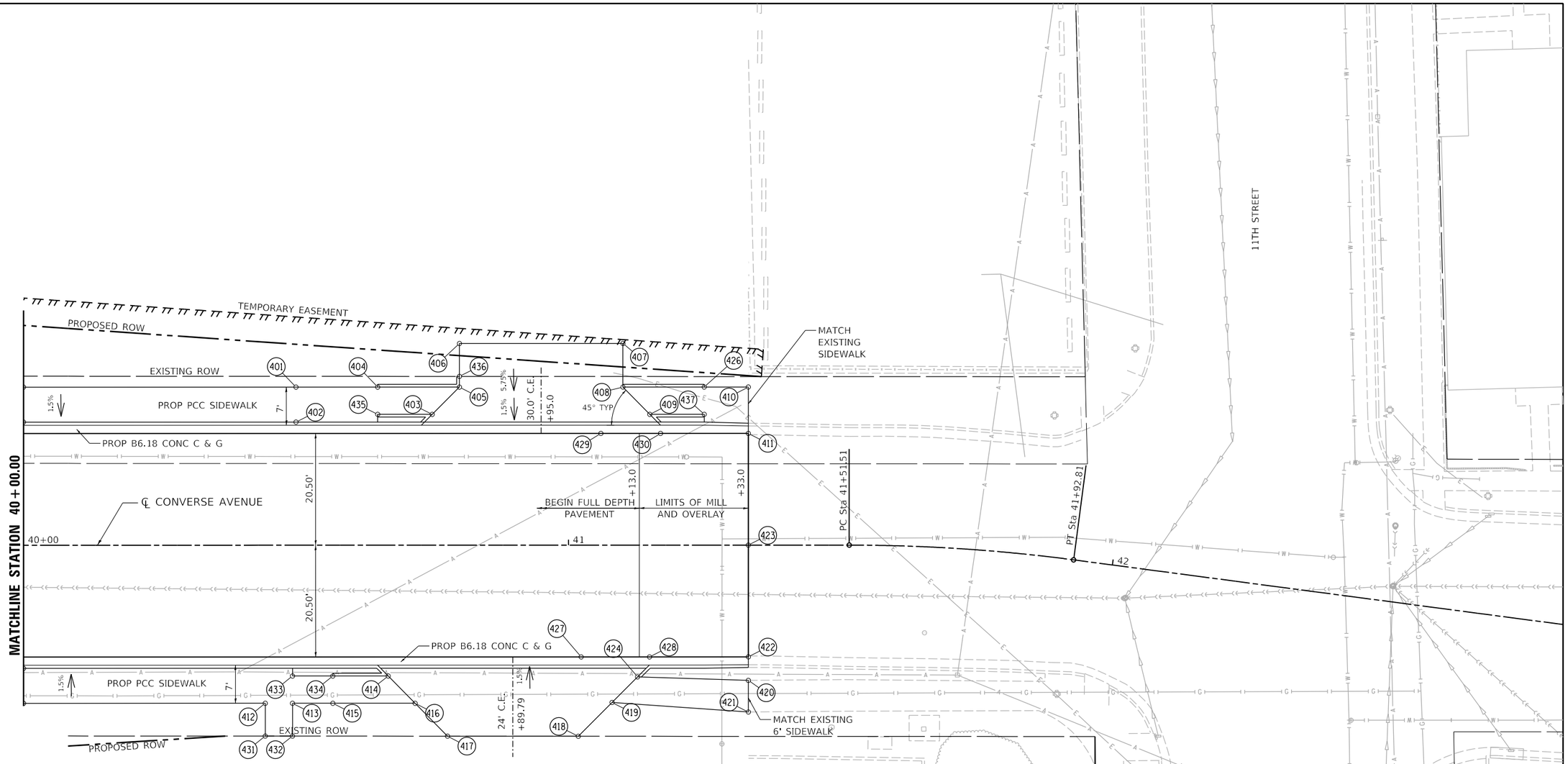
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PLOT SCALE = 20.00 ' / in.	CHECKED - SKM	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – CONVERSE AVENUE – 2

SCALE: | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	242
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



CONVERSE AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
WEST OF 11TH ST				
401	40+50.00	29.00' LT	604.64	SW
402	40+50.00	22.58' LT	604.54	SW
403	40+74.95	24.00' RT	603.89	ENT
404	40+64.99	29.00' LT	604.42	SW
405	40+79.99	29.00' LT	603.94	ENT
406	40+79.99	37.00' LT	ME	ENT
407	41+09.99	37.00' LT	ME	ENT
408	41+09.99	29.00' LT	603.78	ENT
409	41+14.92	24.00' LT	603.81	ENT
410	41+33.00	29.00' LT	ME	SW
411	41+33.00	20.50' LT	ME	EOP
412	40+44.35	29.00' RT	604.69	SW
413	40+49.35	29.00' RT	604.62	SW
414	40+66.91	24.00' RT	603.95	ENT
415	40+56.76	29.00' RT	604.53	SW

CONVERSE AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
WEST OF 11TH ST				
416	40+71.84	29.00' RT	603.97	ENT
417	40+77.79	35.04' RT	ME	ENT
418	41+01.79	35.06' RT	ME	ENT
419	41+07.98	28.86' RT	603.72	ENT
420	41+33.00	24.81' RT	ME	ENT
421	41+33.00	30.62' RT	ME	SW
422	41+33.00	20.50' RT	ME	EOP
423	41+33.00	0.00'	ME	CL
424	41+12.67	24.18' RT	603.65	SW
426	41+24.92	29.00' RT	604.08	SW
427*	41+02.32	20.50' RT	603.63	EOP
428*	41+14.86	20.50' RT	603.57	EOP
429*	41+05.94	20.50' LT	603.68	EOP
430*	41+16.89	20.50' LT	603.64	EOP
431	40+44.35	35.02' RT	ME	SW

CONVERSE AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
WEST OF 11TH ST				
432	40+49.35	35.02' RT	ME	SW
433	40+39.35	24.00' RT	604.55	SW
434	40+56.75	24.00' RT	604.45	SW
435	40+64.99	24.00' RT	604.34	BOC
436	40+79.99	30.96' LT	604.02	ENT
437	41+24.92	24.00' LT	604.01	BOC

*These points added to adjust EOP elevations to shift sag point outside of entrances for drainage purposes.

N

0 10 20 30

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 3
FILE NAME: pw:\\hansonlmc-pw.bentley.com:hanson-pw-011Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CAD\Road\Usable Segment VI\Converse\Sheet\09L0179B-SHT-EnlPlan-CON.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – CONVERSE AVENUE – 3

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	243
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

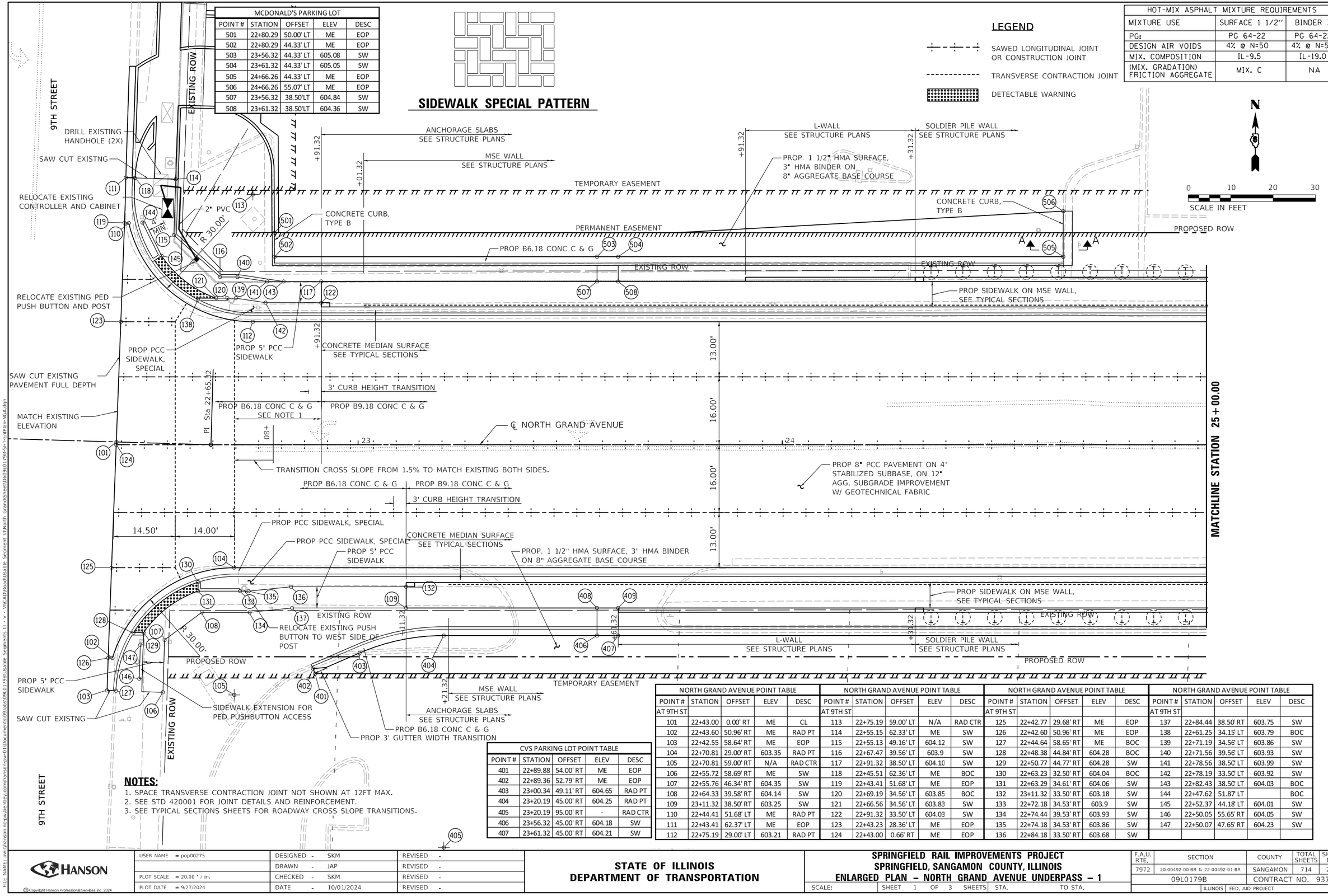
MCDONALD'S PARKING LOT				
POINT #	STATION	OFFSET	ELEV	DESC
501	22+80.29	50.00' LT	ME	EOP
502	22+80.29	44.33' LT	ME	EOP
503	23+56.32	44.33' LT	605.08	SW
504	23+61.32	44.33' LT	605.05	SW
505	24+66.26	44.33' LT	ME	EOP
506	24+66.26	55.07' LT	ME	EOP
507	23+56.32	38.50'LT	604.84	SW
508	23+61.32	38.50'LT	604.36	SW

SIDEWALK SPECIAL PATTERN

LEGEND

- SAWED LONGITUDINAL JOINT OR CONSTRUCTION JOINT
- TRANSVERSE CONTRACTION JOINT
- DETECTABLE WARNING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USE	SURFACE 1 1/2"	BINDER 3"
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4% @ N=50	4% @ N=50
MIX. COMPOSITION	IL-9.5	IL-19.0
(MIX. GRADATION) FRICTION AGGREGATE	MIX. C	NA



NORTH GRAND AVENUE POINT TABLE					NORTH GRAND AVENUE POINT TABLE					NORTH GRAND AVENUE POINT TABLE					NORTH GRAND AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC	POINT #	STATION	OFFSET	ELEV	DESC	POINT #	STATION	OFFSET	ELEV	DESC	POINT #	STATION	OFFSET	ELEV	DESC
AT 9TH ST					AT 9TH ST					AT 9TH ST					AT 9TH ST				
101	22+43.00	0.00' RT	ME	CL	113	22+75.19	59.00' LT	N/A	RAD CTR	125	22+42.77	29.68' RT	ME	EOP	137	22+84.44	38.50' RT	603.75	SW
102	22+43.60	50.96' RT	ME	RAD PT	114	22+55.15	62.33' LT	ME	SW	126	22+42.60	50.96' RT	ME	EOP	138	22+61.25	34.15' LT	603.79	BOC
103	22+42.55	58.64' RT	ME	EOP	115	22+55.13	49.16' LT	604.12	SW	127	22+44.64	58.65' RT	ME	BOC	139	22+71.19	34.56' LT	603.86	SW
104	22+70.81	29.00' RT	603.35	RAD PT	116	22+67.47	39.56' LT	603.9	SW	128	22+48.38	44.84' RT	604.28	BOC	140	22+71.56	39.56' LT	603.93	SW
105	22+70.81	59.00' RT	N/A	RAD CTR	117	22+91.32	38.50' LT	604.10	SW	129	22+50.77	44.77' RT	604.28	SW	141	22+78.56	38.50' LT	603.99	SW
106	22+55.72	58.69' RT	ME	SW	118	22+45.51	62.36' LT	ME	BOC	130	22+63.23	32.50' RT	604.04	BOC	142	22+78.19	33.50' LT	603.92	SW
107	22+55.76	46.34' RT	604.35	SW	119	22+43.41	51.68' LT	ME	EOP	131	22+63.29	34.61' RT	604.06	SW	143	22+82.43	38.50' LT	604.03	BOC
108	22+64.33	39.58' RT	604.14	SW	120	22+69.19	34.56' LT	603.85	BOC	132	23+11.32	33.50' RT	603.18	SW	144	22+47.62	51.87' LT		BOC
109	23+11.32	38.50' RT	603.25	SW	121	22+66.56	34.56' LT	603.83	SW	133	22+72.18	34.53' RT	603.9	SW	145	22+52.37	44.18' LT	604.01	SW
110	22+44.41	51.68' LT	ME	RAD PT	122	22+91.32	33.50' LT	604.03	SW	134	22+74.44	39.53' RT	603.93	SW	146	22+50.05	55.65' RT	604.05	SW
111	22+43.41	62.37' LT	ME	EOP	123	22+43.23	28.36' LT	ME	EOP	135	22+74.18	34.53' RT	603.86	SW	147	22+50.07	47.65' RT	604.23	SW
112	22+75.19	29.00' LT	603.21	RAD PT	124	22+43.00	0.66' RT	ME	EOP	136	22+84.18	33.50' RT	603.68	SW					

CVS PARKING LOT POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
401	22+89.88	54.00' RT	ME	EOP
402	22+89.36	52.79' RT	ME	EOP
403	23+00.34	49.11' RT	604.65	RAD PT
404	23+20.19	45.00' RT	604.25	RAD PT
405	23+20.19	95.00' RT	-	RAD CTR
406	23+56.32	45.00' RT	604.18	SW
407	23+61.32	45.00' RT	604.21	SW

NOTES:

1. SPACE TRANSVERSE CONTRACTION JOINT NOT SHOWN AT 12FT MAX.
2. SEE STD 420001 FOR JOINT DETAILS AND REINFORCEMENT.
3. SEE TYPICAL SECTIONS SHEETS FOR ROADWAY CROSS SLOPE TRANSITIONS.

FINAL PLANS

MODEL: Sheet 1
FILE NAME: pw:\\hansonimc-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CAD\Road\Usable Segment VI\North Grand\Sheet\D609L0179B-SHT-ENPlan-NGA.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – NORTH GRAND AVENUE UNDERPASS – 1

SCALE: | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	244
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

PROPOSED ROW

PROPOSED ROW

UPRR MAIN 1 ℄ PROP. TRACK

UPRR MAIN 2 ℄ PROP. TRACK

PROPOSED ROW

PROPOSED ROW

SOLDIER PILE WALL SEE STRUCTURE PLANS, TYP

EXISTING ROW

EXISTING ROW

SOLDIER PILE WALL SEE STRUCTURE PLANS, TYP

PROP SIDEWALK ON MSE WALL, SEE TYPICAL SECTIONS

PROP 8" PCC PAVEMENT ON 4" STABILIZED SUBBASE, ON 12" AGG. SUBGRADE IMPROVEMENT W/ GEOTECHNICAL FABRIC

SN 084-9972

MATCHLINE STATION 25+00.00

MATCHLINE STATION 27+50.00

13.00'

16.00'

16.00'

13.00'

℄ NORTH GRAND AVENUE

25+00

26

27

576+00

302

303

301

304

305

EXISTING ROW

SOLDIER PILE WALL SEE STRUCTURE PLANS, TYP

PROP SIDEWALK ON MSE WALL, SEE TYPICAL SECTIONS

EXISTING ROW

SOLDIER PILE WALL SEE STRUCTURE PLANS, TYP

PROPOSED ROW

408

409

410

411

PROPOSED ROW

TEMPORARY EASEMENT

PROP. 1 1/2" HMA SURFACE, 3" HMA BINDER ON 8" AGGREGATE BASE COURSE

EXISTING ROW

10TH STREET

EXISTING ROW

769+00

769+00

PROPOSED PUMP STATION

N

0 10 20 30

SCALE IN FEET

NORTH GRAND AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
MEDIAN				
301	25+19.39	5.00' RT	591.50	RAD PT
302	25+19.24	1.01' RT	591.56	RAD PT
303	25+19.39	3.00' RT	-	RAD CTR
304	26+00.32	5.00' LT	589.63	EOP
305	27+20.86	5.00' RT	592.95	EOP

CVS PARKING LOT POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
408	25+19.60	45.00' RT	605.30	RAD PT
409	25+33.26	53.82' RT	605.42	RAD PT
410	25+32.97	54.00' RT	ME	EOP
411	25+19.60	60.00' RT	-	RAD CTR

LEGEND

SAWED LONGITUDINAL JOINT OR CONSTRUCTION JOINT

TRANSVERSE CONTRACTION JOINT

NOTES:

1. SPACE TRANSVERSE CONTRACTION JOINT NOT SHOWN AT 12FT MAX.
2. SEE STD 420001 FOR JOINT DETAILS AND REINFORCEMENT.
3. SEE TYPICAL SECTIONS SHEETS FOR ROADWAY CROSS SLOPE TRANSITIONS.

FINAL PLANS

MODEL: Sheet 2
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – NORTH GRAND AVENUE UNDERPASS – 2

SCALE: | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	245
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

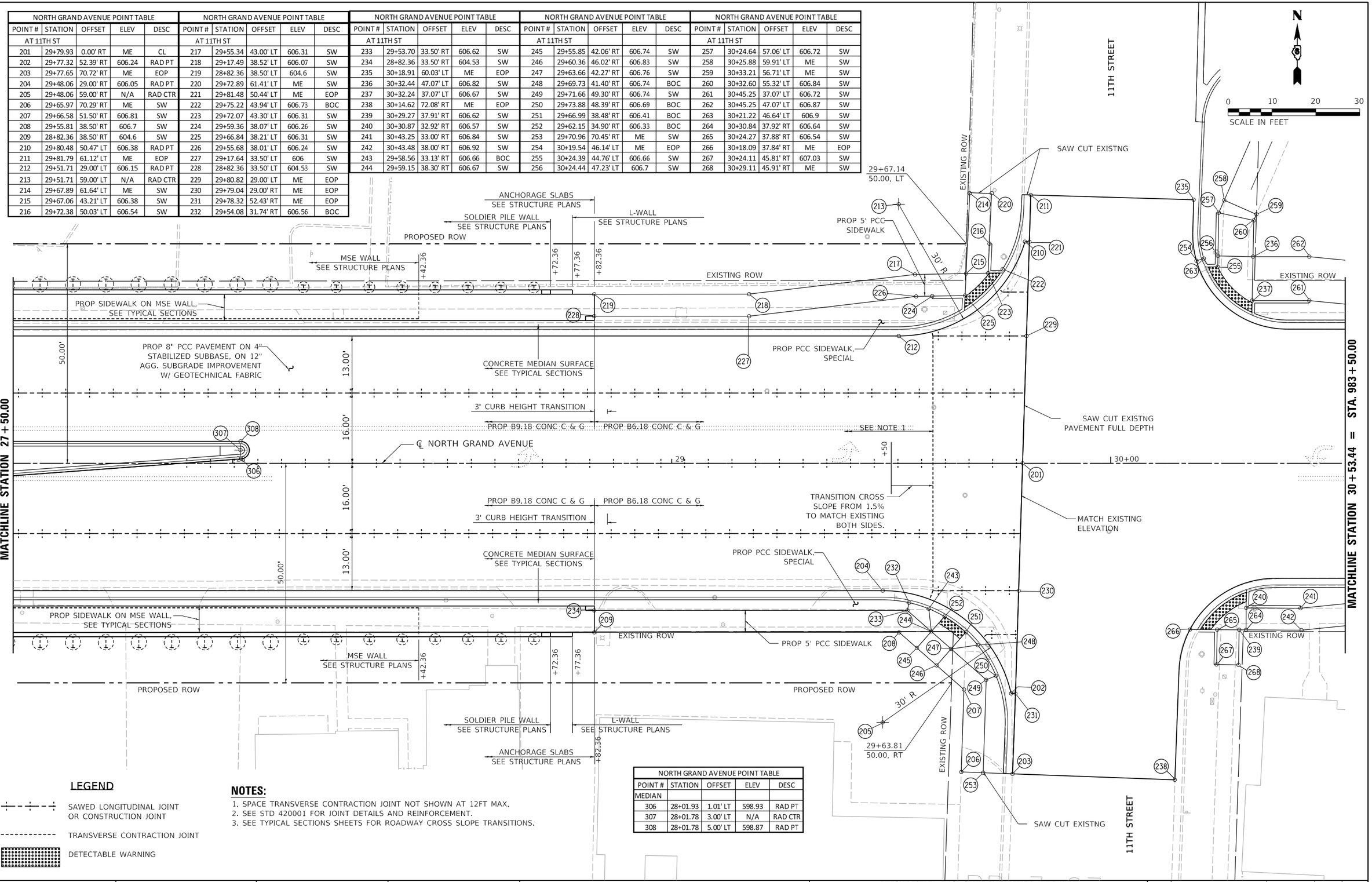
NORTH GRAND AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
AT 11TH ST				
201	29+79.93	0.00' RT	ME	CL
202	29+77.32	52.39' RT	606.24	RAD PT
203	29+77.65	70.72' RT	ME	EOP
204	29+48.06	29.00' RT	606.05	RAD PT
205	29+48.06	59.00' RT	N/A	RAD CTR
206	29+65.97	70.29' RT	ME	SW
207	29+66.58	51.50' RT	606.81	SW
208	29+55.81	38.50' RT	606.7	SW
209	28+82.36	38.50' RT	604.6	SW
210	29+80.48	50.47' LT	606.38	RAD PT
211	29+81.79	61.12' LT	ME	EOP
212	29+51.71	29.00' LT	606.15	RAD PT
213	29+51.71	59.00' LT	N/A	RAD CTR
214	29+67.89	61.64' LT	ME	SW
215	29+67.06	43.21' LT	606.38	SW
216	29+72.38	50.03' LT	606.54	SW

NORTH GRAND AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
AT 11TH ST				
217	29+55.34	43.00' LT	606.31	SW
218	29+17.49	38.52' LT	606.07	SW
219	28+82.36	38.50' LT	604.6	SW
220	29+72.89	61.41' LT	ME	SW
221	29+81.48	50.44' LT	ME	EOP
222	29+75.22	43.94' LT	606.73	BOC
223	29+72.07	43.30' LT	606.31	SW
224	29+59.36	38.07' LT	606.26	SW
225	29+66.84	38.21' LT	606.31	SW
226	29+55.68	38.01' LT	606.24	SW
227	29+17.64	33.50' LT	606	SW
228	28+82.36	33.50' LT	604.53	SW
229	29+80.82	29.00' LT	ME	EOP
230	29+79.04	29.00' RT	ME	EOP
231	29+78.32	52.43' RT	ME	EOP
232	29+54.08	31.74' RT	606.56	BOC

NORTH GRAND AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
AT 11TH ST				
233	29+53.70	33.50' RT	606.62	SW
234	28+82.36	33.50' RT	604.53	SW
235	30+18.91	60.03' LT	ME	EOP
236	30+32.44	47.07' LT	606.82	SW
237	30+32.24	37.07' LT	606.67	SW
238	30+14.62	72.08' RT	ME	EOP
239	30+29.27	37.91' RT	606.62	SW
240	30+30.87	32.92' RT	606.57	SW
241	30+43.25	33.00' RT	606.84	SW
242	30+43.48	38.00' RT	606.92	SW
243	29+58.56	33.13' RT	606.66	BOC
244	29+59.15	38.30' RT	606.67	SW

NORTH GRAND AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
AT 11TH ST				
245	29+55.85	42.06' RT	606.74	SW
246	29+60.36	46.02' RT	606.83	SW
247	29+63.66	42.27' RT	606.76	SW
248	29+69.73	41.40' RT	606.74	BOC
249	29+71.66	49.30' RT	606.74	SW
250	29+73.88	48.39' RT	606.69	BOC
251	29+66.99	38.48' RT	606.41	BOC
252	29+62.15	34.90' RT	606.33	BOC
253	29+70.96	70.45' RT	ME	SW
254	30+19.54	46.14' LT	ME	EOP
255	30+24.39	44.76' LT	606.66	SW
256	30+24.44	47.23' LT	606.7	SW

NORTH GRAND AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
AT 11TH ST				
257	30+24.64	57.06' LT	606.72	SW
258	30+25.88	59.91' LT	ME	SW
259	30+33.21	56.71' LT	ME	SW
260	30+32.60	55.32' LT	606.84	SW
261	30+45.25	37.07' LT	606.72	SW
262	30+45.25	47.07' LT	606.87	SW
263	30+21.22	46.64' LT	606.9	SW
264	30+30.84	37.92' RT	606.64	SW
265	30+24.27	37.88' RT	606.54	SW
266	30+18.09	37.84' RT	ME	EOP
267	30+24.11	45.81' RT	607.03	SW
268	30+29.11	45.91' RT	ME	SW



LEGEND

- SAWED LONGITUDINAL JOINT OR CONSTRUCTION JOINT
- TRANSVERSE CONTRACTION JOINT
- DETECTABLE WARNING

NOTES:

1. SPACE TRANSVERSE CONTRACTION JOINT NOT SHOWN AT 12FT MAX.
2. SEE STD 420001 FOR JOINT DETAILS AND REINFORCEMENT.
3. SEE TYPICAL SECTIONS SHEETS FOR ROADWAY CROSS SLOPE TRANSITIONS.

NORTH GRAND AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
MEDIAN				
306	28+01.93	1.01' LT	598.93	RAD PT
307	28+01.78	3.00' LT	N/A	RAD CTR
308	28+01.78	5.00' LT	598.87	RAD PT

FINAL PLANS

MODEL: Sheet 3
FILE NAME: p:\hanson-pw\Hanson\hc-pw.bentley.com\hanson-pw-01\Documents\09\sos\09L0179B\Usable Segments III - V - VI\CADD\Road\Usable Segment VI\North GrandSheet\D609L0179B-SHT-EnlPlan-NGA.dgn

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PLOT SCALE = 20.00 ' / in.	CHECKED - SKM	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – NORTH GRAND AVENUE UNDERPASS – 3

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	246
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

PAY ITEM	DESCRIPTION	UNIT	Quantity
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	23
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	6
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3
87900200	DRILL EXISTING HANDHOLE	EACH	2
89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

9TH STREET POINT TABLE			
POINT	STATION	OFFSET	ELEVATION
1	22+45.67	205.95' LT	M.E.
2	22+50.12	218.82' LT	604.10
3	22+51.89	220.58' LT	604.13
4	22+51.81	211.94' LT	604.20
5	22+51.75	205.94' LT	M.E.
6	22+55.85	205.90' LT	M.E.
7	22+56.01	222.31' LT	604.19
8	22+83.25	222.10' LT	605.48
9	22+83.91	219.25' LT	605.50
10	22+61.42	210.61' LT	M.E.
11	22+73.75	205.38' LT	N/A
12	22+57.36	213.34' LT	N/A
13	22+83.25	220.60' LT	N/A

9TH STREET POINT TABLE			
POINT	STATION	OFFSET	ELEVATION
30	22+55.15	62.33' LT	M.E.
31	22+51.15	62.34' LT	M.E.
32	22+50.19	70.66' LT	604.32
33	22+50.22	77.15' LT	604.35
34	22+48.36	74.83' LT	604.24
35	22+43.44	88.68' LT	M.E.
36	22+50.26	91.11' LT	604.63
37	22+50.31	113.98' LT	604.55
38	22+51.59	130.96' LT	M.E.
39	22+55.45	130.95' LT	M.E.
40	22+55.27	92.75' LT	604.71
41	22+60.58	93.31' LT	604.90
42	22+72.56	93.12' LT	605.27

9TH STREET POINT TABLE			
POINT	STATION	OFFSET	ELEVATION
43	22+72.81	101.12' LT	605.26
44	22+61.18	101.31' LT	M.E.
45	22+46.48	70.78' LT	604.14
46	22+63.31	79.81' LT	604.90
47	22+55.23	79.66' LT	604.43
48	22+71.85	62.15' LT	N/A
49	22+57.02	69.82' LT	N/A
50	22+63.28	64.81' LT	N/A
51	22+60.53	68.31' LT	N/A
52	22+72.69	97.12' LT	N/A
53	22+80.20	64.92' LT	M.E.
54	22+77.34	86.22' LT	M.E.

MCDONALD'S BUILDING

PROP. 1 1/2" HMA SURFACE
3" HMA BINDER ON 8" AGG.
BASE COURSE (BACK OF
SIDEWALK TO MATCH EXISTING
PAVEMENT)

PROP. 1 1/2" HMA SURFACE
3" HMA BINDER ON 8" AGG.
BASE COURSE (BACK OF
SIDEWALK TO MATCH EXISTING PAVEMENT)

NOTE:
SIGN, BUSHES, AND ROCK TO BE RELOCATED BY PROPERTY OWNER.

℄ WIDENED ENTRANCE

TEMPORARY EASEMENT

0 10 20 30
SCALE IN FEET

1.00' SAW CUT (TYP.)

CONCRETE CURB, TYPE B

PARKING LOT

CONCRETE CURB, TYPE B

SAW CUT EXISTING PAVEMENT

℄ PROPOSED ENTRANCE

TEMPORARY EASEMENT

NORTH GRAND AVENUE

pl Sta 22+65.32

R=4'

R=15'

R=25'

35'

EXISTING R.O.W.

153'

33.3'

1.5% MAX.

4' MIN.

RELOCATED SIGNAL CABINET

SAW CUT EXISTING PAVEMENT

EXISTING ENTRANCE WIDENED TO 35'

PCC SIDEWALK 4 INCH

PCC SIDEWALK 4 INCH

PCC DRIVEWAY PAVEMENT 8 INCH (TO BACK OF SIDEWALK)

PCC DRIVEWAY PAVEMENT 8 INCH (TO BACK OF SIDEWALK)

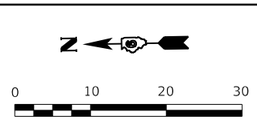
CONCRETE CURB & GUTTER TYPE B6.18

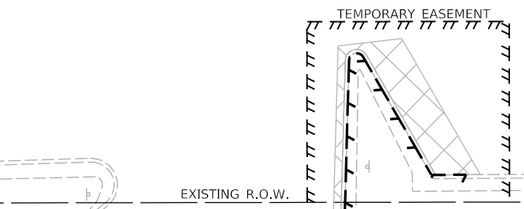
CONCRETE CURB, TYPE B

9TH STREET

9TH STREET

℄ PROPOSED NORTH GRAND AVENUE





9TH STREET

MCDONALD'S BUILDING

PARKING LOT

NOTE:
SIGN, BUSHES, AND ROCK TO BE RELOCATED BY PROPERTY OWNER.

LEGEND

- COMBINATION CURB AND GUTTER REMOVAL AND OR CURB REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL

TEMPORARY EASEMENT

NORTH GRAND AVENUE

pl Sta 22+65.32

SIGNAL CABINET TO BE RELOCATED

9TH STREET

9TH STREET

℄ PROPOSED NORTH GRAND AVENUE

FINAL PLANS

MODEL: McDonalds Entrance Only
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – 9TH STREET ENTRANCES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	247
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

LEGEND

- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- DITCH FLOW
- DITCH FLOW SUMMIT
- XXXX — DRAINAGE STRUCTURE NUMBER SEE DRAINAGE STRUCTURE AND PIP SCHEDULES.

N

0 10 20 30

SCALE IN FEET

STA. 92+35
SWALE ELEV. 600.75

PERIMETER EROSION BARRIER

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12

EXISTING ROW

DITCH CHECK TEMPORARY

21 SPACES @ 9.00' = 189.00'

CURB CUTS @ 50' CENTERS

M2

EX-M2

20

9.00'

19.00' & VARIES

21

19

MODIFIED URETHANE PAVEMENT MARKING LINE 4" YELLOW

PI STA. 91+47.09
N 1148288.2670
E 2445897.2885

POT Sta 91+47.09

92

93

94

PI Sta 93+72.60

PI STA. 93+72.60
N 1148062.8038
E 2445892.3441

LIMITS OF MICHIGAN AVE. IMPROVEMENTS

22

+21.98

LIMITS OF ½" MILLING AND 1½" HMA SURFACE COURSE

℄ EXISTING MICHIGAN AVENUE

MATCHLINE STATION 94+25.00

23

24

MODIFIED URETHANE PAVEMENT MARKING LINE 4" YELLOW

18

EXISTING ROW

25

9.00'

19.00' TYP.

17

3'-4" TYP.

20 SPACES @ 9.00' = 180.00'

1.00'

26

MODIFIED URETHANE PAVEMENT MARKING LINE 4" YELLOW

CONVERSE AVENUE

EXISTING ROW

PARKING LOT GRADE CONTROL	
STATION	ELEVATION
92+35.63	602.10
92+60	602.27
92+85	602.08
93+10	602.30
93+35	602.11
93+60	602.33
93+85	602.15
94+10	602.36
94+35	602.18
94+60	602.40
94+85	602.21
95+10	602.43
95+41.85	602.45
96+04.87	602.10
97+17.50	602.40
98+30.01	602.10

SEE SECTION C-C

MICHIGAN AVENUE POINT TABLE			
POINT #	STATION	OFFSET	DESC
10	99+35.40	0.00' LT	CENTERLINE
11	98+29.93	14.34' LT	PARKING EDGE
12	98+30.01	34.58' LT	PARKING EDGE
13	96+04.87	11.47 ' LT	PARKING EDGE
14	96+04.85	33.45' LT	PARKING EDGE
15	95+41.87	12.34' LT	PARKING EDGE
16	95+41.85	33.38' LT	PARKING EDGE
17	94+16.17	38.10' RT	PARKING EDGE
18	94+15.53	14.31' RT	PARKING EDGE
19	92+35.33	31.45' LT	PARKING EDGE
20	92+35.63	13.69' LT	PARKING EDGE
21	92+21.98	13.65' LT	MILLING LIMITS
22	92+21.98	0.00' LT	CENTERLINE
23	92+21.98	13.64' RT	MILLING LIMITS
24	92+22.41	24.72' RT	PARKING EDGE
25	92+18.09	24.89' RT	PARKING EDGE
26	92+18.86	44.85' RT	PARKING EDGE

C

C

℄ EXISTING MICHIGAN AVE.

VARIES (SEE PLANS FOR LAYOUT)

VARIES 13.64' to 14.31'

VARIES 13.70' to 14.28'

EXISTING GROUND LINE

1½" HMA SURFACE COURSE

3" HMA BASE COURSE

PARKING LOT GRADE CONTROL

1.50%

4:1 MAX.

3:1 MAX.

EX. ROW

EX. EOP

EX. EOP

EX. ROW

1.01'

19.00' PARKING

EXISTING SIDEWALK

EXISTING AGGREGATE PARKING

1½" HMA SURFACE COURSE

EXISTING ROADWAY SURFACE (½" MILLING)

EXISTING ROADWAY BASE

AGGREGATE BASE COURSE, 8"

(SEE PLANS FOR LAYOUT)

SEE CURB CUT DETAIL

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12

SECTION C–C

TYPE B6.12 COMBINATION CONCRETE CURB AND GUTTER.

PARKING LOT SURFACE

1'

¾"

PARKING LOT GRADE CONTROL

℄ CURB CUT

CURB CUT DETAIL

CURB CUTS @ 50' CENTERS

FINAL PLANS

MODEL: Sheet 1
FILE NAME: pw:\hansonine-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VII\CAD\Road\Usable Segment VII\North Grand Overpass\Sheet\C_09L0179B-Michigan=Plan.dgn

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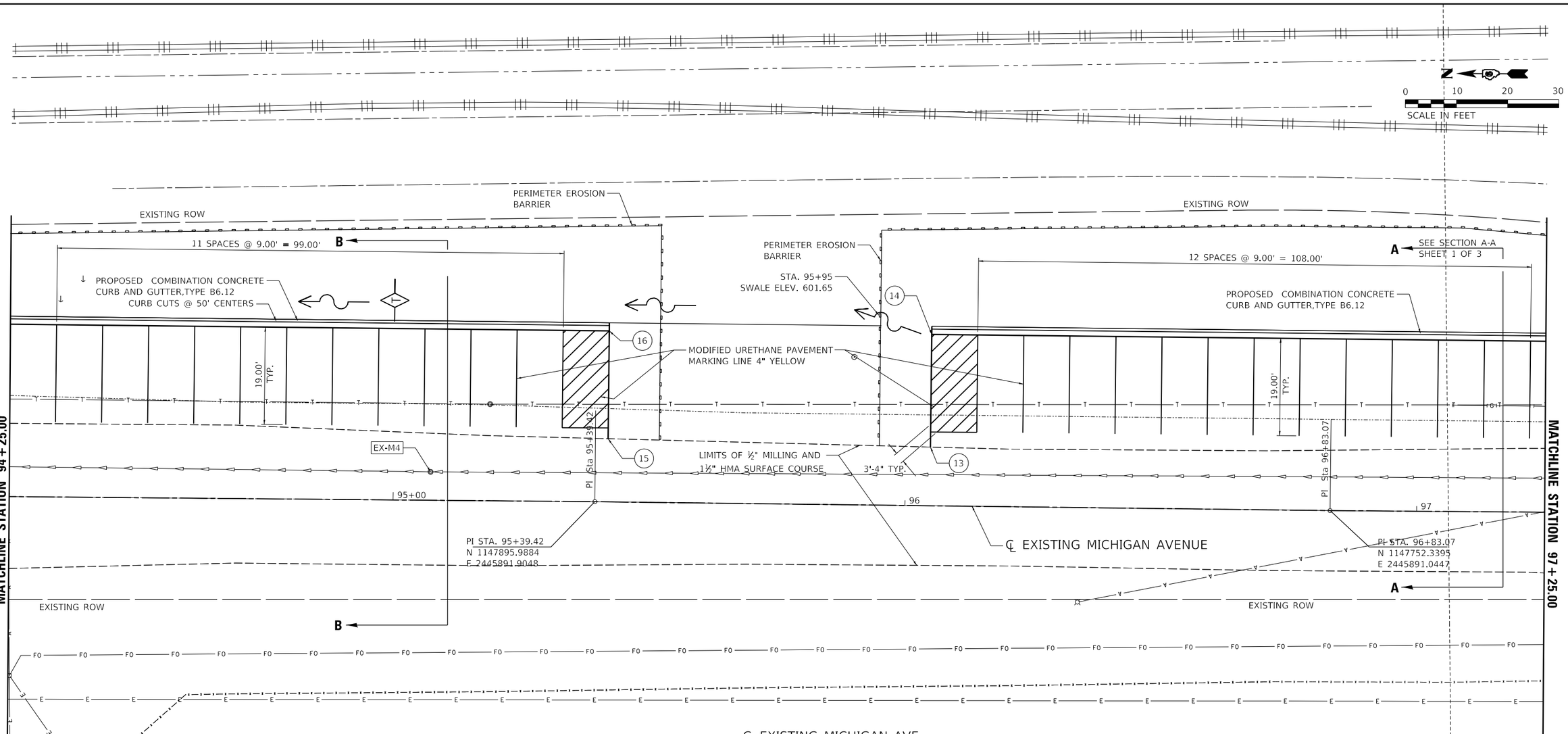
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – MICHIGAN AVENUE – 1

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

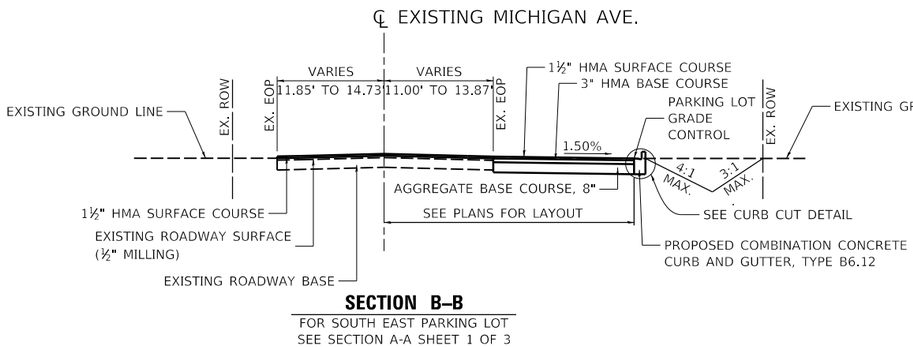
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	248
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



PARKING LOT GRADE CONTROL	
STATION	ELEVATION
92+35.63	602.10
92+60	602.27
92+85	602.08
93+10	602.30
93+35	602.11
93+60	602.33
93+85	602.15
94+10	602.36
94+35	602.18
94+60	602.40
94+85	602.21
95+10	602.43
95+41.85	602.45
96+04.87	602.10
97+17.50	602.40
98+30.01	602.10

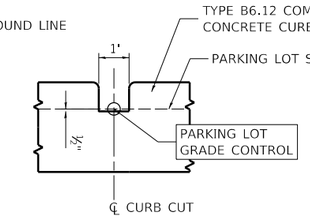
SEE SECTION B-B

MICHIGAN AVENUE POINT TABLE			
POINT #	STATION	OFFSET	DESC
10	99+35.40	0.00' LT	CENTERLINE
11	98+29.93	14.34' LT	PARKING EDGE
12	98+30.01	34.58' LT	PARKING EDGE
13	96+04.87	11.47 ' LT	PARKING EDGE
14	96+04.85	33.45' LT	PARKING EDGE
15	95+41.87	12.34' LT	PARKING EDGE
16	95+41.85	33.38' LT	PARKING EDGE
17	94+16.17	38.10' RT	PARKING EDGE
18	94+15.53	14.31' RT	PARKING EDGE
19	92+35.33	31.45' LT	PARKING EDGE
20	92+35.63	13.69' LT	PARKING EDGE
21	92+21.98	13.65' LT	MILLING LIMITS
22	92+21.98	0.00' LT	CENTERLINE
23	92+21.98	13.64' RT	MILLING LIMITS
24	92+22.41	24.72' RT	PARKING EDGE
25	92+18.09	24.89' RT	PARKING EDGE
26	92+18.86	44.85' RT	PARKING EDGE



SECTION B–B

FOR SOUTH EAST PARKING LOT
SEE SECTION A-A SHEET 1 OF 3



CURB CUT DETAIL

CURB CUTS @ 50' CENTERS
ON NORTH EAST LOT ONLY

FINAL PLANS

MODEL: Sheet 2
FILE NAME: pw:\\hansonims-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B Usable Segments III - V - VI\CAD\Road\Usable Segment VI\North Grand Overpass\Sheet\C_09L0179B-Michigan-Plan.dgn

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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – MICHIGAN AVENUE – 2

SCALE: | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	249
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

℄ EXISTING MICHIGAN AVE.

EXISTING GROUND LINE
EX. ROW
EX. EOP
VARIES 11.73' TO 16.00'
VARIES 12.43' TO 14.87'
EX. EOP
1½" HMA SURFACE COURSE
3" HMA BASE COURSE
PARKING LOT GRADE CONTROL
EX. ROW
1.50%
1½" HMA SURFACE COURSE
EXISTING ROADWAY SURFACE (½" MILLING)
EXISTING ROADWAY BASE
AGGREGATE BASE COURSE, 8"
(SEE PLANS FOR LAYOUT)
PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
EXISTING GROUND LINE

SECTION A–A

EXISTING ROW
0 10 20 30
SCALE IN FEET

A
EXISTING ROW
10 SPACES @ 9.00' = 90.00'
PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
PERIMITER EROSION BARRIER
19.00' TYP.
12
MODIFIED URETHANE PAVEMENT MARKING LINE 4" YELLOW
M1
11
EX-M1
EX-M3
3'-4" TYP.
LIMITS OF ½" MILLING AND 1½" HMA SURFACE COURSE
SEE NORTH GRAND AVENUE PLANS FOR PAVMENT MARKINGS SOUTH OF MICHIGAN AVE. IMPROVEMENTS
LIMITS OF MICHIGAN AVE. IMPROVEMENTS
POE STA. 100+00.00
N 1147435.4110
E 2445890.6056
POT STA. 100+00.00
98
99
℄ EXISTING MICHIGAN AVENUE
10
+35.40
EX-M5
EXISTING ROW
A
EXISTING ROW
REMOVE SIGN & METAL POST
MODIFIED URETHANE PAVEMENT MARKING LINE 5" DOUBLE YELLOW
EXISTING NORTH GRAND AVE. (ROBIN ROBERTS ROAD)

MATCHLINE STATION 97+25.00

PARKING LOT GRADE CONTROL	
STATION	ELEVATION
92+35.63	602.10
92+60	602.27
92+85	602.08
93+10	602.30
93+35	602.11
93+60	602.33
93+85	602.15
94+10	602.36
94+35	602.18
94+60	602.40
94+85	602.21
95+10	602.43
95+41.85	602.45
96+04.87	602.10
97+17.50	602.40
98+30.01	602.10

SEE SECTION A-A

MICHIGAN AVENUE POINT TABLE			
POINT #	STATION	OFFSET	DESC
10	99+35.40	0.00' LT	CENTERLINE
11	98+29.93	14.34' LT	PARKING EDGE
12	98+30.01	34.58' LT	PARKING EDGE
13	96+04.87	11.47 ' LT	PARKING EDGE
14	96+04.85	33.45' LT	PARKING EDGE
15	95+41.87	12.34' LT	PARKING EDGE
16	95+41.85	33.38' LT	PARKING EDGE
17	94+16.17	38.10' RT	PARKING EDGE
18	94+15.53	14.31' RT	PARKING EDGE
19	92+35.33	31.45' LT	PARKING EDGE
20	92+35.63	13.69' LT	PARKING EDGE
21	92+21.98	13.65' LT	MILLING LIMITS
22	92+21.98	0.00' LT	CENTERLINE
23	92+21.98	13.64' RT	MILLING LIMITS
24	92+22.41	24.72' RT	PARKING EDGE
25	92+18.09	24.89' RT	PARKING EDGE
26	92+18.86	44.85' RT	PARKING EDGE

N
0 10 20 30
SCALE IN FEET

FINAL PLANS

MODEL: Sheet 3
FILE NAME: pw:\hansonimc-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CADD\Road\Usable Segment VI\North Grand Overpass\Sheet\C_09L0179B-Michigan-Plan.dgn

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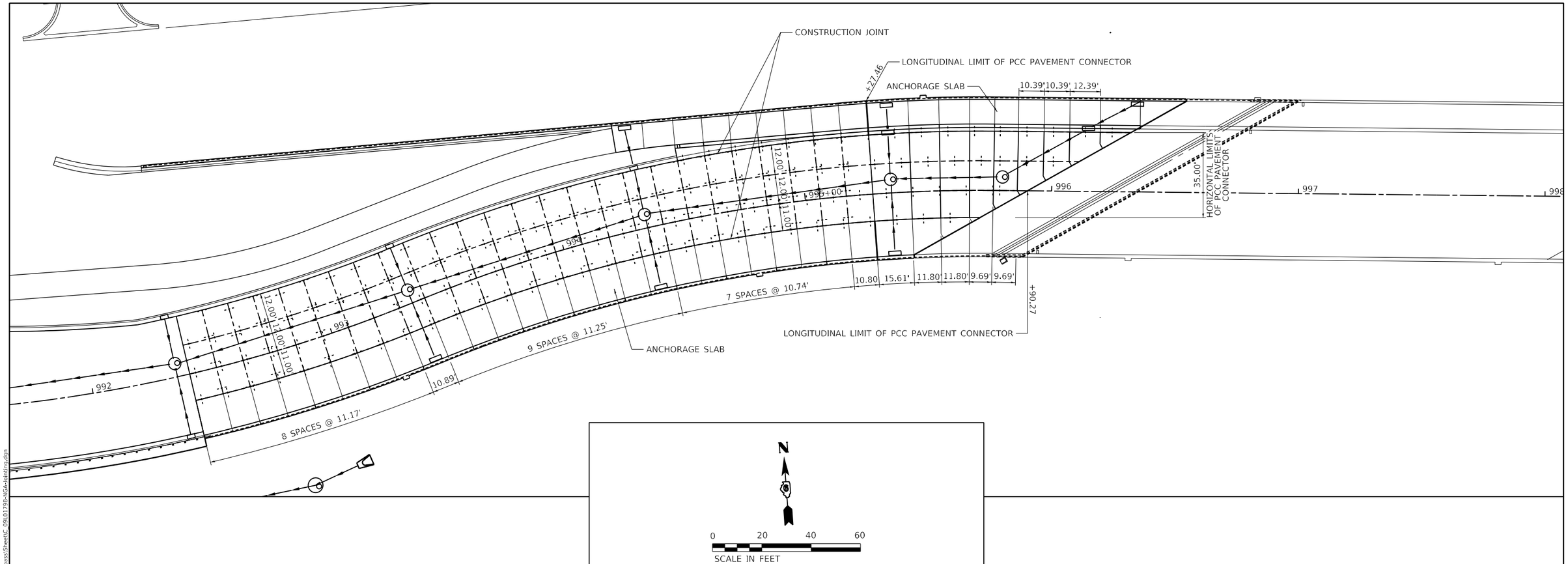
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		DRAWN - DJP	REVISED -
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	PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – MICHIGAN AVENUE – 3

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	250
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



NOTES:

SEE WALL PLANS FOR JOINTING PLANS FOR ANCHORAGE SLAB.

SEE IDOT STANDARD 420401-13 FOR BRIDGE APPROACH PAVEMENT CONNECTOR

FINAL PLANS

MODEL: Sheet 3
FILE NAME: pw:\hansonllc-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CADD\Road\Usable Segment VI\North Grand Overpass\Sheet\C_09L0179B-NGA-JointPlng.dgn

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	DRAWN - DJP	REVISED -
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
JOINTING PLAN – NORTH GRAND AVENUE OVERPASS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	251
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

NOTES:
1. SEE RETAINING WALL DETAIL SHEET FOR SECTION A-A
2. SEE RETAINING WALL DETAIL SHEET FOR PLAN AND ELEVATION VIEWS FOR WALLS A AND B.
3. W10-9 SHALL BE COVERED OR TURNED FROM THE VIEW OF MOTORIST AND PEDESTRIANS UNTIL QUIET ZONE IS IMPLEMENTED.

INSTALL CROSSING (BY NSRR)
STA. 52366+84.21 CL PUB XING
16' ASPHALT WITH RUBBER FLANGEWAY
DOT #479322p, MP DH-413.68

PROPOSED CONC. CURB, TYPE B, 6"
TEMPORARY EASE.
PROPOSED RR ROW
PROP UPRR MAINTENANCE ROAD
PROPOSED UPRR ROW
PROPOSED NSRR ROW
EXISTING RR ROW
EXISTING ROW
11' OUTLET MEASURED AND PAID AS TYPE B GUTTER
SN 400
SN 401
WALL A
PROPOSED PCC SIDEWALK WALL
PERMANENT EASEMENT
SEE ENOS AVE. WALL DETAIL SHEET A
PERMANENT EASEMENT (VACATED ROW)
PCC SIDEWALK
PROP ACCESS GATE SEE FENCING DETAILS
GUARDRAIL AND SIGNING, SEE ROAD CLOSURE DETAILS.
WALL B
SN 402
SN 403
SN 405
PCC DRIVEWAY PAVEMENT, 8"
PROPOSED PEDESTRIAN FLS/GATE TYP., BY UPRR
DETECTABLE WARNINGS (TYP.)
PROP FENCE SEE FENCING DETAILS
PROP ACCESS GATE SEE FENCING DETAILS
PROPOSED MODIFIED URETHANE PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.) SEE DETAIL "A"
PROP NSRR MAINTENANCE ROAD
EXIST. NSRR MAINTENANCE ROAD
PROP UPRR MAINTENANCE ROAD
UPRR WAYSIDE SIGNAL
UP SIGNAL CABINET
NS SIGNAL CABINET
PR. PCC SIDEWALK 4" (W/ INTEGRAL COLORING, SEE SPECIAL PROVISIONS)
ENOS AVE
STA. 999+28.23 = UPRR MAIN 1 STA. 47718+80.54
GRADE CROSSING SURFACE
UPRR 47719+04.41
71.50' LT
NSRR 52366+77.25
16.50' LT
SEE UPRR GRADE CROSSING DETAILS 47719+04.41 16.50' RT
℄ ENOS AVENUE
℄ UPRR MAIN 1
℄ UPRR MAIN 2
℄ EX. NSRR MAIN 1
998+80.89 18.75' LT
998+81.04 18.75' RT
1000+34.32 18.75' LT
1000+34.47 18.75' RT
47719+12.91 105.59 LT
R509
R510
R511
R524
R606
R605
R611
R612
35.00'
34.17'
50.08'
49.25'
20.00'
15.00'
24.00'
10.00'
10.00'
6.00'
14.25'
9.00'
9.25'
17.75'
20.07'
4.25' BIT.
10.00' BIT.
25.00' BIT.
8.00' BIT.
16.00'
20.00'
5.00'
3.00' (TYP.)
14.48'
19.95'
50.72'
49.89'
45.00'
17.33'
30.00'
14.00'
27.50'
4'
3'
10'
8"
℄ SIDEWALK
DETAIL A

ENOS AVENUE POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
1	998+85.48	39.52' LT	606.65	SW
2	998+91.48	39.54' LT	606.74	SW
3	998+85.49	33.52' LT	606.71	SW
4	998+91.49	33.54' LT	606.80	SW
5	998+85.55	6.78' LT	608.38	SW
6	998+91.55	6.79' LT	608.47	SW
7	998+85.57	0.78' LT	608.47	SW
8	998+91.57	0.79' LT	608.56	SW
9	998+85.63	25.96' RT	610.13	SW
10	998+91.63	25.95' RT	610.22	SW
11	998+85.65	35.96' RT	610.27	SW
12	998+92.48	35.95' RT	610.40	SW
13	999+04.79	35.92' RT	610.94	SW
14	999+04.79	25.92' RT	610.82	SW
15	999+04.77	15.92' RT	611.00	SW
16	999+19.02	15.14' RT	611.22	SW
17	999+19.04	25.89' RT	611.09	SW
18	999+19.06	35.89' RT	611.12	SW
19	999+23.29	25.88' RT	611.17	SW
20	999+23.32	35.88' RT	611.17	SW
21	999+88.29	22.73' RT	611.17	SW
22	999+88.32	38.73' RT	611.17	SW
23	999+92.57	35.72' RT	611.12	SW
24	999+92.54	25.72' RT	611.09	SW
25	999+92.52	14.97' RT	611.22	SW
26	1000+06.77	15.69' RT	611.00	SW
27	1000+06.79	25.69' RT	610.82	SW
28	1000+06.79	35.69' RT	610.94	SW
29	1000+11.12	31.37' RT	610.65	SW
30	1000+68.11	34.55' RT	ME	SW
31	1000+67.94	39.58' RT	ME	SW
32	1000+93.75	34.74' RT	ME	SW
33	1000+98.75	34.79' RT	ME	SW
34	1000+93.88	15.54' RT	ME	SW
35	1000+98.88	15.49' RT	ME	SW
36	999+09.79	25.91' RT	610.91	SW
37	999+09.78	19.41' RT	611.03	SW
38	999+13.28	19.40' RT	611.06	SW
39	999+13.29	25.90' RT	610.98	SW
40	999+11.27	15.90' RT	611.10	SW
41	999+11.27	15.15' RT	611.11	SW
42	999+98.29	25.71' RT	610.98	SW
43	999+98.28	19.21' RT	611.06	SW
44	1000+01.78	19.20' RT	611.03	SW
45	1000+01.79	25.70' RT	610.91	SW
46	1000+00.27	15.70' RT	611.10	SW
47	1000+00.27	14.95' RT	611.11	SW
48	998+91.48	40.04' LT		
49	1000+06.78	35.69' RT	610.94	ROAD
50	100+00.62	69.39' RT	ME	ROAD
51	100+10.40	71.46' RT	ME	ROAD
52	1000+16.78	41.28' RT	610.74	ROAD
53	1000+16.78	32.18' RT	610.34	SW
54	1000+06.73	4.31' LT	ME	ROAD
55	1000+16.79	27.14' RT	610.45	SW
56	1000+16.79	15.67' RT	610.40	ROAD
57	1000+16.79	4.33' LT	ME	ROAD
58	999+04.16	32.52' LT	607.96	ROAD
59	999+14.16	31.57' LT	608.16	ROAD
60	998+93.26	10.62' RT	609.72	ROAD
61	999+03.26	11.85' RT	610.10	ROAD

ME = MATCH EXISTING

HMA PAVEMENT (FULL DEPTH) 10"			
HOT–MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE USE(s):	SURFACE (1.5")	BINDER (2.25")	BASE COURSE (6.25")
PG:	SBS PG 70-28	SBS PG 70-28	PG 64-22
DESIGN AIR VOIDS:	4% @ N50	4% @ N50	4% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-19.0	IL-19.0
FRICTION AGGREGATE:	MIX "C"	N/A	N/A
MIXTURE WEIGHT:	112 lb./s.y./in.	112 lb./s.y./in.	112 lb./s.y./in.
QUALITY MANAGMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO	NO	NO

N

0 10 20 30
SCALE IN FEET

FINAL PLANS

MODEL: Sheet 2
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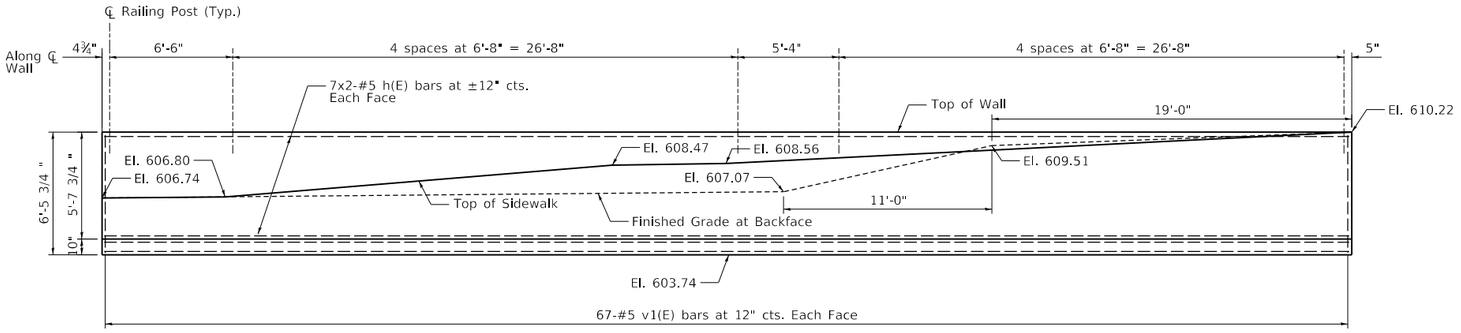
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

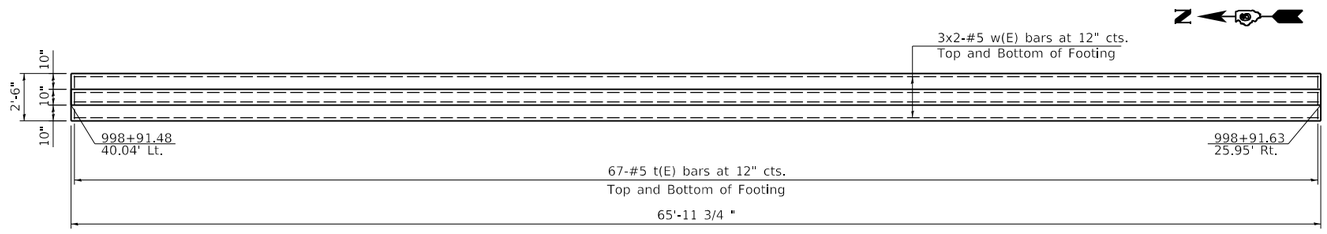
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – ENOS AVENUE

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

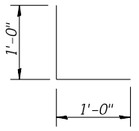
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7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	252
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



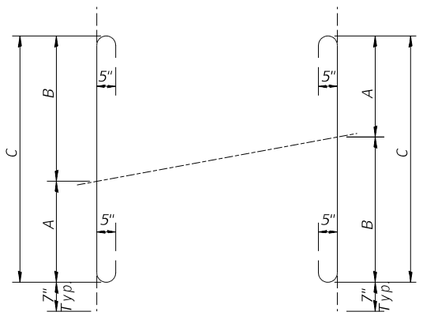
ELEVATION - WALL A
(Looking East)



PLAN - WALL A



BAR u(E)

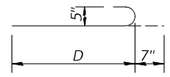


FIELD CUTTING DIAGRAM

Order Bars full length. Cut as shown and use remainder of bars on oppsite face

BAR	A	B	C
v(E)	3'-8"	5'-4"	9'-0"
v3(E)	5'-5"	7'-1"	12'-6"

BAR	D
v1(E)	6'-1"
v2(E)	5'-4"
v4(E)	7'-2"
v5(E)	7'-3"



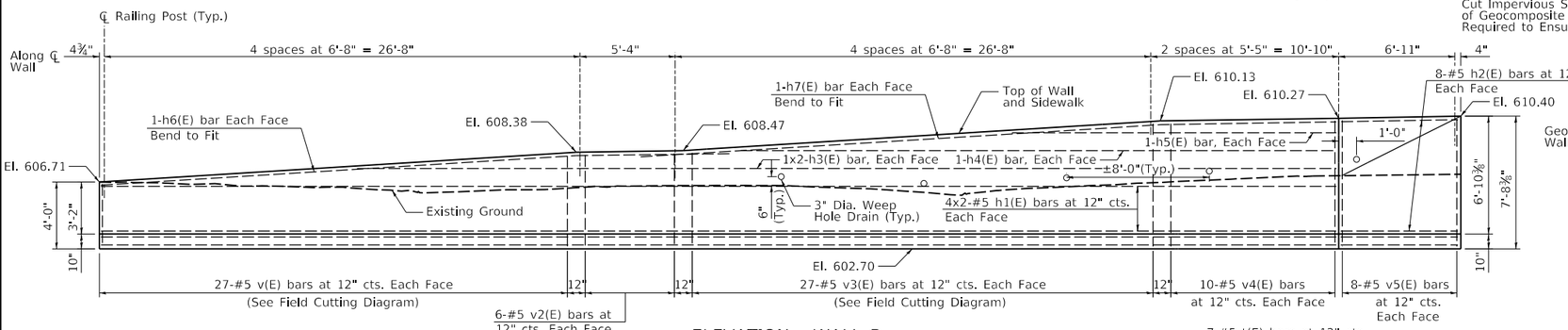
BARS v1(E), v2(E), v4(E) & v5(E)

BILL OF MATERIAL

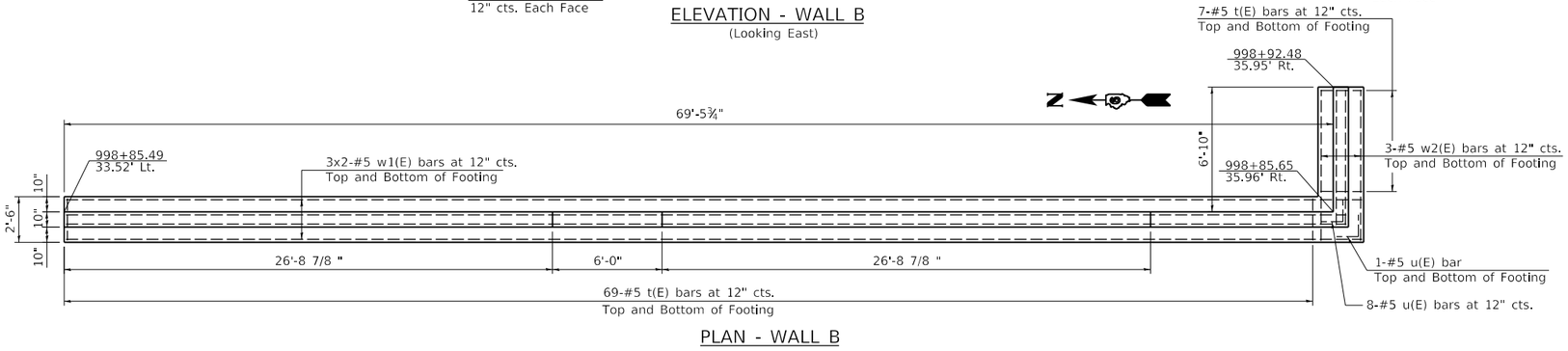
Bar	No.	Size	Length	Shape
h(E)	28	5	34'-7"	
h1(E)	16	5	37'-2"	
h2(E)	16	5	7'-4"	
h3(E)	4	5	29'-1"	
h4(E)	2	5	33'-4"	
h5(E)	2	5	18'-2"	
h6(E)	2	5	33'-6"	
h7(E)	2	5	37'-6"	
v(E)	27	5	10'-2"	
v1(E)	134	5	6'-8"	
v2(E)	12	5	5'-11"	
v3(E)	27	5	13'-8"	
v4(E)	20	5	7'-9"	
v5(E)	16	5	7'-10"	
t(E)	286	5	2'-2"	
u(E)	10	5	2'-0"	
w(E)	12	5	34'-7"	
w1(E)	12	5	37'-2"	
w2(E)	6	5	8'-2"	
Structure Excavation	Cu. Yd.		120	
Concrete Structures Retaining Wall	Cu. Yd.		35.2	
Reinforcement Bars, Epoxy Coated	Pound		5720	
Granular Backfill for Structures	Cu. Yd.		64	
Concrete Gutter, Type B	Foot		66	
Geocomposite Wall Drain	Sq. Yd.		18	
Ornamental Fence	Foot		143	

MIN. BAR LAP
#5 bar = 3'-2"

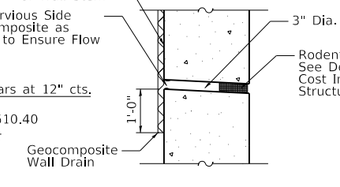
Notes:
See ornamental Fence Details sheet for fence details and anchorage to wall.
See point table on sheet Enlarged Plan - Enos Avenue.
P.J.F. included in cost of Portland Cement Concrete Sidewalk 4 inch.
Spacing of railing posts along centerline of wall.
Bars indicated thus 3x2-#5 etc. indicates 3 lines of bars with 2 lengths per line.



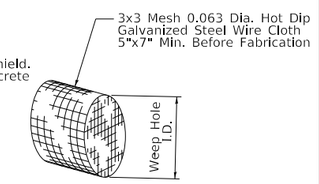
ELEVATION - WALL B
(Looking East)



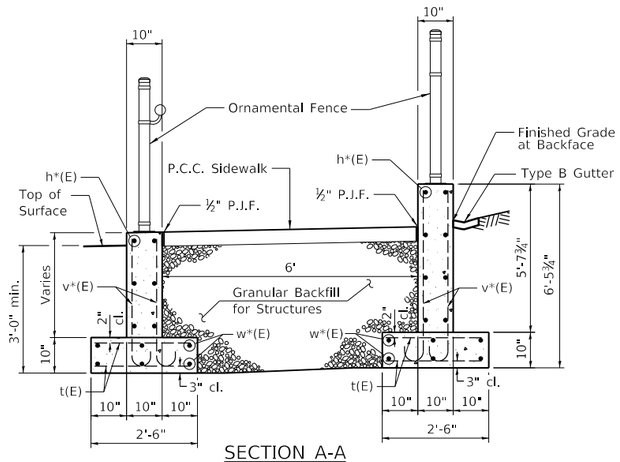
PLAN - WALL B



WEEP HOLE DRAIN DETAIL



DETAIL OF RODENT SHIELD



SECTION A-A

FINAL PLANS

MODEL: Sheet 1
FILE NAME: pw:\\hansonInc-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CAD\Road\Usable Segment VI\Enos\Sheet\D09L0179B-SHT-RetainingWallHENO.dgn

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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENOS AVENUE – WALL DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	253
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

Notes:

Fence posts shall be vertical.

Anchor rods shall be ASTM F1554, Gr. 55, galvanized steel all-thread for an Engineer-approved alternate material of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor rods may be used in lieu of ASTM F1554. The anchor rods shall be hot-dipped galvanized according to AASHTO M232, Class C.

The anchor rods shall be installed according to Article 509.06 of the Standard Specifications. Embedment shall be 6" min. or according to the manufacturer's specifications whatever is greater.

Structural steel plates and bars of the Steel Railing shall conform to the requirements of ASTM A36/36M.

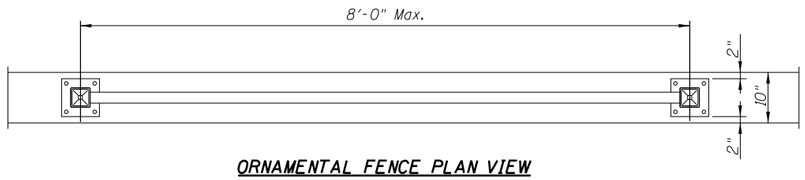
Provide handrail on Wall B ornamental fence. See Enlarged Plan - Enos Avenue sheet for wall location.

FENCE LOADING

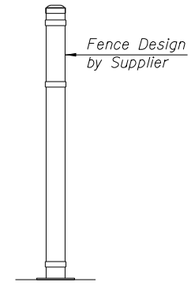
200 lb. concentrated load at any location and direction, or 50 lb./ft. along top rail at any location or direction.

DESIGN CODE

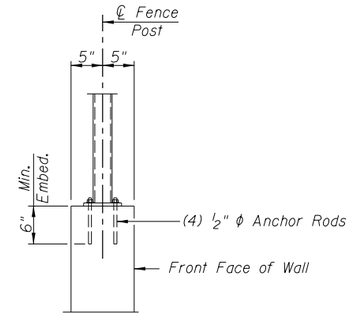
2015 International Building Code



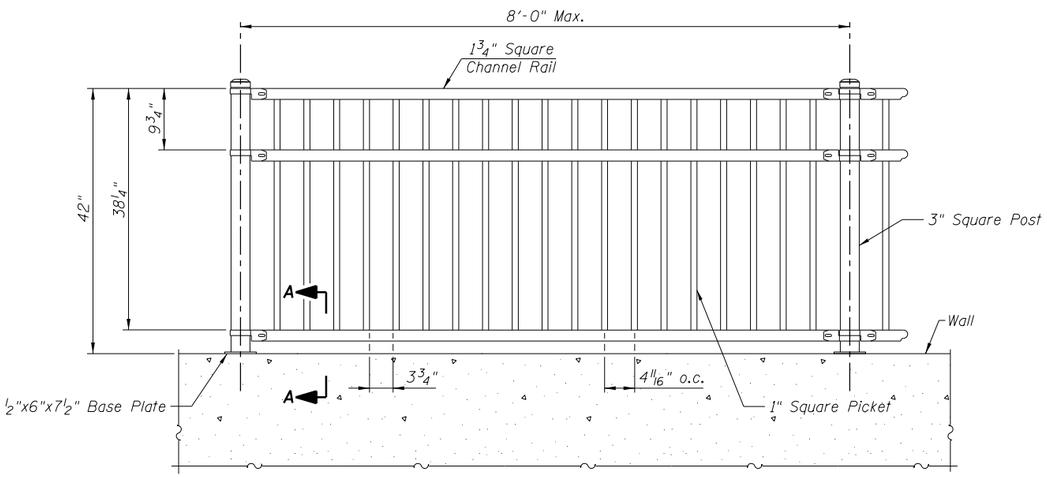
ORNAMENTAL FENCE PLAN VIEW



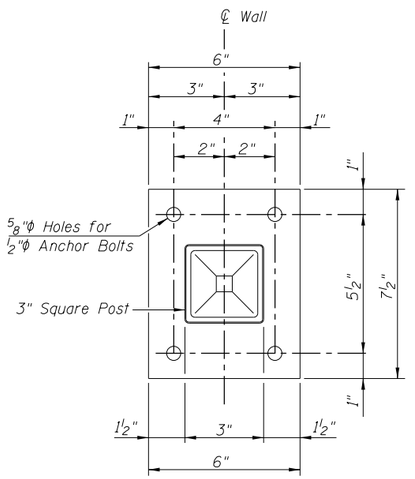
SIDE VIEW



SECTION A-A



ORNAMENTAL FENCE ELEVATION VIEW



BASE PLATE DETAIL

BILL OF MATERIAL

Item	Unit	Total
Ornamental Fence	Foot	143

FINAL PLANS

MODEL: Sheet 2
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENOS AVENUE – ORNAMENTAL FENCE DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	254
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

PEDESTRIAN FLS/GATE FOUNDATION DETAIL

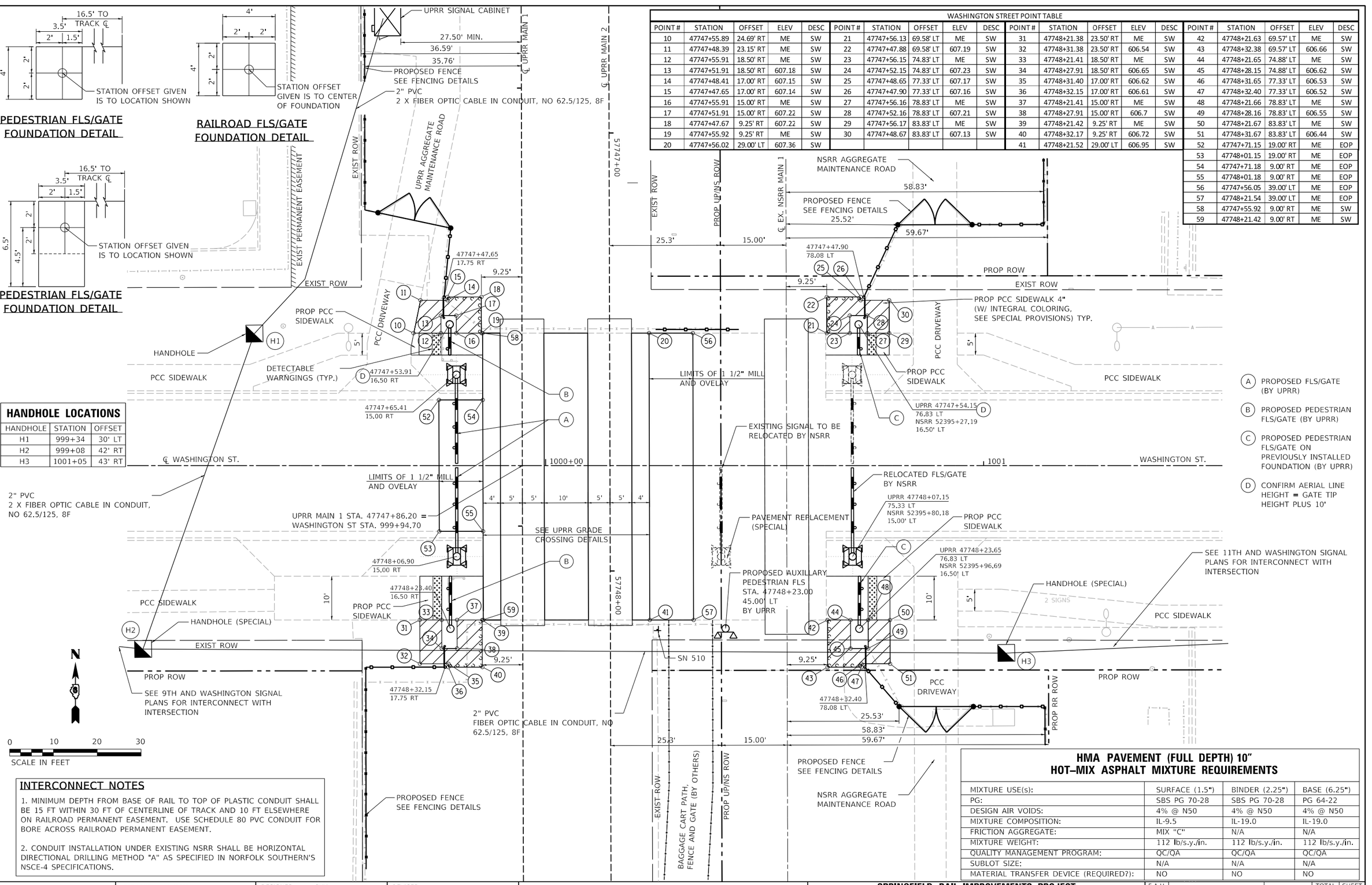
RAILROAD FLS/GATE FOUNDATION DETAIL

PEDESTRIAN FLS/GATE FOUNDATION DETAIL

HANDHOLE LOCATIONS		
HANDHOLE	STATION	OFFSET
H1	999+34	30' LT
H2	999+08	42' RT
H3	1001+05	43' RT

WASHINGTON STREET POINT TABLE

POINT #	STATION	OFFSET	ELEV	DESC
10	47747+55.89	24.69' RT	ME	SW
11	47747+48.39	23.15' RT	ME	SW
12	47747+55.91	18.50' RT	ME	SW
13	47747+51.91	18.50' RT	607.18	SW
14	47747+48.41	17.00' RT	607.15	SW
15	47747+47.65	17.00' RT	607.14	SW
16	47747+55.91	15.00' RT	ME	SW
17	47747+51.91	15.00' RT	607.22	SW
18	47747+47.67	9.25' RT	607.22	SW
19	47747+55.92	9.25' RT	ME	SW
20	47747+56.02	29.00' LT	607.36	SW
21	47747+56.13	69.58' LT	ME	SW
22	47747+47.88	69.58' LT	607.19	SW
23	47747+56.15	74.83' LT	ME	SW
24	47747+52.15	74.83' LT	607.23	SW
25	47747+48.65	77.33' LT	607.17	SW
26	47747+47.90	77.33' LT	607.16	SW
27	47747+56.16	78.83' LT	ME	SW
28	47747+52.16	78.83' LT	607.21	SW
29	47747+56.17	83.83' LT	ME	SW
30	47747+48.67	83.83' LT	607.13	SW
31	47748+21.38	23.50' RT	ME	SW
32	47748+31.38	23.50' RT	606.54	SW
33	47748+21.41	18.50' RT	ME	SW
34	47748+27.91	18.50' RT	606.65	SW
35	47748+31.40	17.00' RT	606.62	SW
36	47748+32.15	17.00' RT	606.61	SW
37	47748+21.41	15.00' RT	ME	SW
38	47748+27.91	15.00' RT	606.7	SW
39	47748+21.42	9.25' RT	ME	SW
40	47748+32.17	9.25' RT	606.72	SW
41	47748+21.52	29.00' LT	606.95	SW
42	47748+21.63	69.57' LT	ME	SW
43	47748+32.38	69.57' LT	606.66	SW
44	47748+21.65	74.88' LT	ME	SW
45	47748+28.15	74.88' LT	606.62	SW
46	47748+31.65	77.33' LT	606.53	SW
47	47748+32.40	77.33' LT	606.52	SW
48	47748+21.66	78.83' LT	ME	SW
49	47748+28.16	78.83' LT	606.55	SW
50	47748+21.67	83.83' LT	ME	SW
51	47748+31.67	83.83' LT	606.44	SW
52	47747+71.15	19.00' RT	ME	EOP
53	47748+01.15	19.00' RT	ME	EOP
54	47747+71.18	9.00' RT	ME	EOP
55	47748+01.18	9.00' RT	ME	EOP
56	47747+56.05	39.00' LT	ME	EOP
57	47748+21.54	39.00' LT	ME	EOP
58	47747+55.92	9.00' RT	ME	SW
59	47748+21.42	9.00' RT	ME	SW



- (A) PROPOSED FLS/GATE (BY UPRR)
- (B) PROPOSED PEDESTRIAN FLS/GATE (BY UPRR)
- (C) PROPOSED PEDESTRIAN FLS/GATE ON PREVIOUSLY INSTALLED FOUNDATION (BY UPRR)
- (D) CONFIRM AERIAL LINE HEIGHT = GATE TIP HEIGHT PLUS 10'

INTERCONNECT NOTES

1. MINIMUM DEPTH FROM BASE OF RAIL TO TOP OF PLASTIC CONDUIT SHALL BE 15 FT WITHIN 30 FT OF CENTERLINE OF TRACK AND 10 FT ELSEWHERE ON RAILROAD PERMANENT EASEMENT. USE SCHEDULE 80 PVC CONDUIT FOR BORE ACROSS RAILROAD PERMANENT EASEMENT.

2. CONDUIT INSTALLATION UNDER EXISTING NSRR SHALL BE HORIZONTAL DIRECTIONAL DRILLING METHOD "A" AS SPECIFIED IN NORFOLK SOUTHERN'S NSCE-4 SPECIFICATIONS.

HMA PAVEMENT (FULL DEPTH) 10"
HOT–MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(s):	SURFACE (1.5")	BINDER (2.25")	BASE (6.25")
PG:	SBS PG 70-28	SBS PG 70-28	PG 64-22
DESIGN AIR VOIDS:	4% @ N50	4% @ N50	4% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-19.0	IL-19.0
FRICTION AGGREGATE:	MIX "C"	N/A	N/A
MIXTURE WEIGHT:	112 lb/s.y./in.	112 lb/s.y./in.	112 lb/s.y./in.
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO	NO	NO

FINAL PLANS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

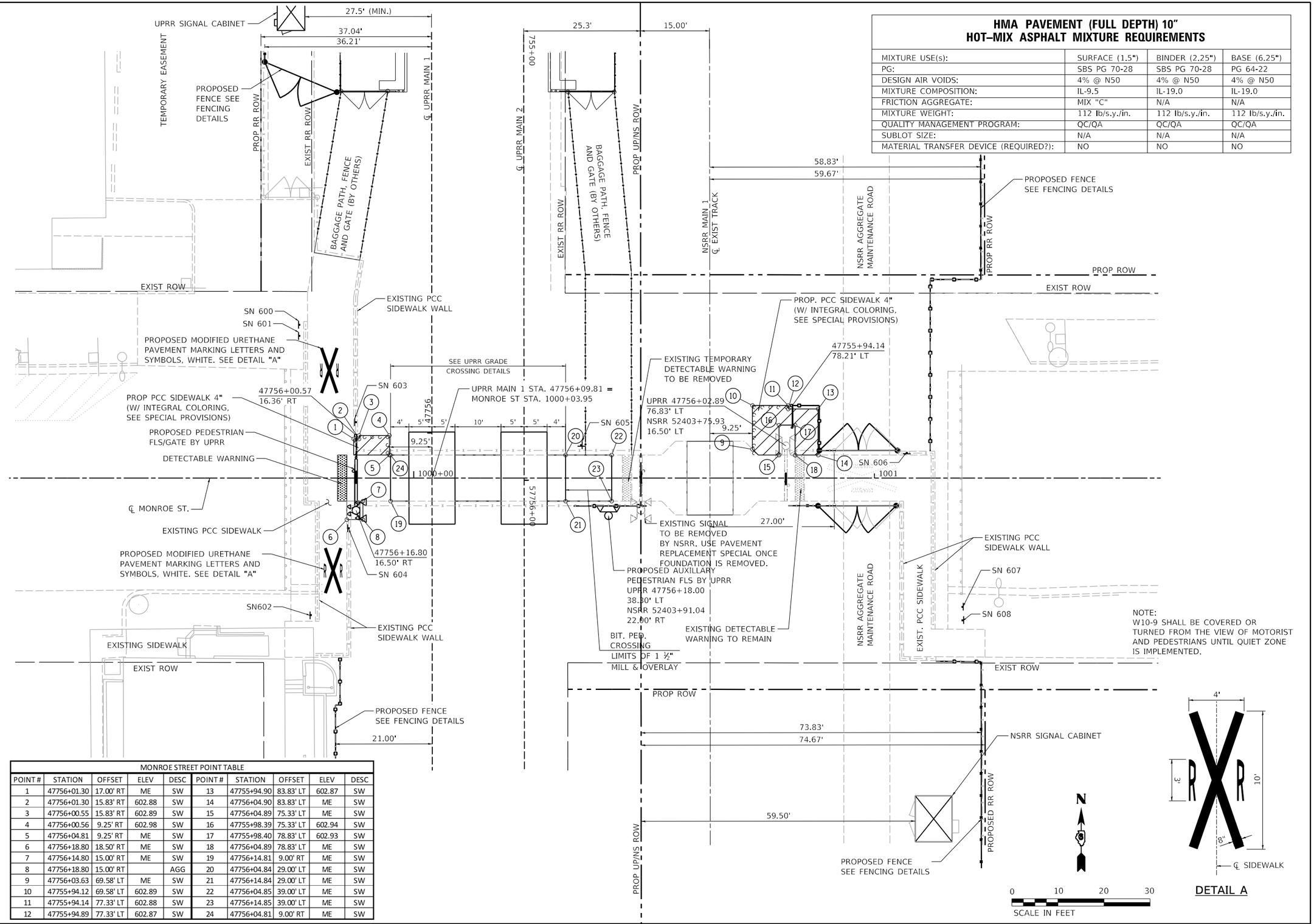
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – WASHINGTON STREET

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	255
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

HMA PAVEMENT (FULL DEPTH) 10"
HOT–MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(s):	SURFACE (1.5")	BINDER (2.25")	BASE (6.25")
PG:	SBS PG 70-28	SBS PG 70-28	PG 64-22
DESIGN AIR VOIDS:	4% @ N50	4% @ N50	4% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-19.0	IL-19.0
FRICTION AGGREGATE:	MIX "C"	N/A	N/A
MIXTURE WEIGHT:	112 lb/s.y./in.	112 lb/s.y./in.	112 lb/s.y./in.
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO	NO	NO



MONROE STREET POINT TABLE									
POINT #	STATION	OFFSET	ELEV	DESC	POINT #	STATION	OFFSET	ELEV	DESC
1	47756+01.30	17.00' RT	ME	SW	13	47755+94.90	83.83' LT	602.87	SW
2	47756+01.30	15.83' RT	602.88	SW	14	47756+04.90	83.83' LT	ME	SW
3	47756+00.55	15.83' RT	602.89	SW	15	47756+04.89	75.33' LT	ME	SW
4	47756+00.56	9.25' RT	602.98	SW	16	47755+98.39	75.33' LT	602.94	SW
5	47756+04.81	9.25' RT	ME	SW	17	47755+98.40	78.83' LT	602.93	SW
6	47756+18.80	18.50' RT	ME	SW	18	47756+04.89	78.83' LT	ME	SW
7	47756+14.80	15.00' RT	ME	SW	19	47756+14.81	9.00' RT	ME	SW
8	47756+18.80	15.00' RT		AGG	20	47756+04.84	29.00' LT	ME	SW
9	47756+03.63	69.58' LT	ME	SW	21	47756+14.84	29.00' LT	ME	SW
10	47755+94.12	69.58' LT	602.89	SW	22	47756+04.85	39.00' LT	ME	SW
11	47755+94.14	77.33' LT	602.88	SW	23	47756+14.85	39.00' LT	ME	SW
12	47755+94.89	77.33' LT	602.87	SW	24	47756+04.81	9.00' RT	ME	SW

FINAL PLANS

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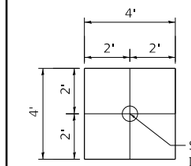
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – MONROE STREET

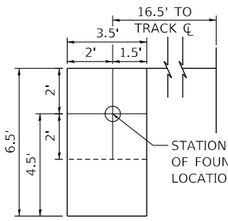
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	256
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS	FED. AID PROJECT		



STATION OFFSET GIVEN IS TO CENTER OF FOUNDATION

RAILROAD FLS/GATE FOUNDATION DETAIL



STATION OFFSET GIVEN OF FOUNDATION IS TO LOCATION SHOWN

PEDESTRIAN FLS/GATE FOUNDATION DETAIL

HMA PAVEMENT (FULL DEPTH) 10"
HOT–MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(s):	SURFACE (1.5")	BINDER (2.25")	BASE (6.25")
PG:	SBS PG 70-28	SBS PG 70-28	PG 64-22
DESIGN AIR VOIDS:	4% @ N50	4% @ N50	4% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-19.0	IL-19.0
FRICTION AGGREGATE:	MIX "C"	N/A	N/A
MIXTURE WEIGHT:	112 lb/s.y./in.	112 lb/s.y./in.	112 lb/s.y./in.
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO	NO	NO

CAPITOL AVENUE POINT TABLE

POINT #	STATION	OFFSET	ELEV	DESC
10	47759+89.03	25.07' RT	ME	SW
11	47759+79.03	22.94' RT	ME	SW
12	47759+89.03	18.50 ' RT	ME	SW
13	47759+82.53	18.50' RT	601.82	SW
14	47759+79.03	17.00' RT	601.82	SW
15	47759+78.28	17.00' RT	601.82	SW
16	47759+89.03	15.00' RT	ME	SW
17	47759+82.53	15.00' RT	601.88	SW
18	47759+78.28	9.25' RT	601.96	SW
19	47759+89.03	9.25' RT	ME	SW
20	47759+89.32	29.00' LT	602.25	SW
21	47759+89.10	69.58' LT	ME	SW
22	47759+78.34	69.58' LT	601.97	SW
23	47759+89.10	75.33' LT	ME	SW
24	47759+82.60	75.33' LT	601.94	SW
25	47759+79.09	77.13' LT	601.86	SW
26	47759+78.34	77.13' LT	601.85	SW
27	47759+89.10	78.83' LT	ME	SW
28	47759+82.60	78.83' LT	601.89	SW
29	47759+89.10	83.83' LT	ME	SW
30	47759+79.09	83.83' LT	601.76	SW
30A	47759+89.10	89.28' LT	ME	SW
31	47760+54.28	25.75' RT	ME	SW
32	47760+61.70	24.13' RT	ME	SW
32A	47760+61.70	23.50' RT	ME	SW
33	47760+54.28	18.50' RT	ME	SW
34	47760+60.78	18.50' RT	601.82	SW
35	47760+64.28	17.00' RT	601.8	SW
36	47760+65.04	17.00' RT	601.79	SW
37	47760+54.28	15.00' RT	ME	SW
38	47760+60.78	15.00' RT	601.88	SW

CAPITOL AVENUE POINT TABLE

POINT #	STATION	OFFSET	ELEV	DESC
39	47760+54.28	9.25' RT	ME	SW
40	47760+65.04	9.25' RT	601.91	SW
40A	47760+64.29	23.50' RT	601.68	SW
41	47760+53.82	29.00' LT	602.19	SW
42	47760+54.10	69.58' LT	ME	SW
43	47760+64.86	69.58' LT	601.91	SW
44	47760+54.10	75.33' LT	ME	SW
45	47760+60.60	75.33' LT	601.88	SW
46	47760+64.10	77.30' LT	601.8	SW
47	47760+64.86	77.30' LT	601.79	SW
48	47760+54.10	78.83' LT	ME	SW
49	47760+60.60	78.83' LT	601.83	SW
50	47760+54.10	89.39' LT	ME	SW
51	47760+64.10	83.83' LT	601.7	SW
52	47760+54.10	83.83' LT	ME	SW
53	47760+06.52	19.00' RT	ME	EOP
54	47760+36.52	19.00' RT	ME	EOP
55	47760+06.53	9.00' RT	ME	EOP
56	47760+35.53	9.00' RT	ME	EOP
57	47759+89.33	39.00' LT	ME	EOP
58	47760+53.83	39.00' LT	ME	EOP
59	47759+89.28	9.00' RT	ME	SW
60	47760+53.78	9.00' RT	ME	SW

INTERCONNECT NOTES

1. INTERCONNECT CABLE SHALL BE PLACED WITHIN THE CWLP INNERDUCT IN STEEL CONDUIT TO BE CONSTRUCTED BY CWLP PRIOR TO USABLE SEGMENT VI.

2. INTERCONNECT CONDUIT PENETRATIONS AT CWLP MANHOLES SHALL BE DONE BY CWLP. NO JUNCTIONS OR SPLICES WILL BE PERMITTED IN THE CWLP MANHOLES. INTERCONNECT CABLES SHALL BE PULLED THROUGH CWLP MANHOLES FROM PULL POINTS OUTSIDE THE CWLP MANHOLES UNDER CWLP SUPERVISION.

HANDHOLE LOCATIONS

HANDHOLE	STATION	OFFSET
H1	60+60	35' RT
H2	63+82	34' RT

- (A) PROPOSED FLS/GATE (BY UPRR)
- (B) PROPOSED PEDESTRIAN FLS/GATE (BY UPRR)
- (C) PROPOSED PEDESTRIAN FLS/GATE ON PREVIOUSLY INSTALLED FOUNDATION (BY UPRR)

0 10 20 30
SCALE IN FEET

FINAL PLANS

MODEL: Sheet 01
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN – CAPITOL AVENUE

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

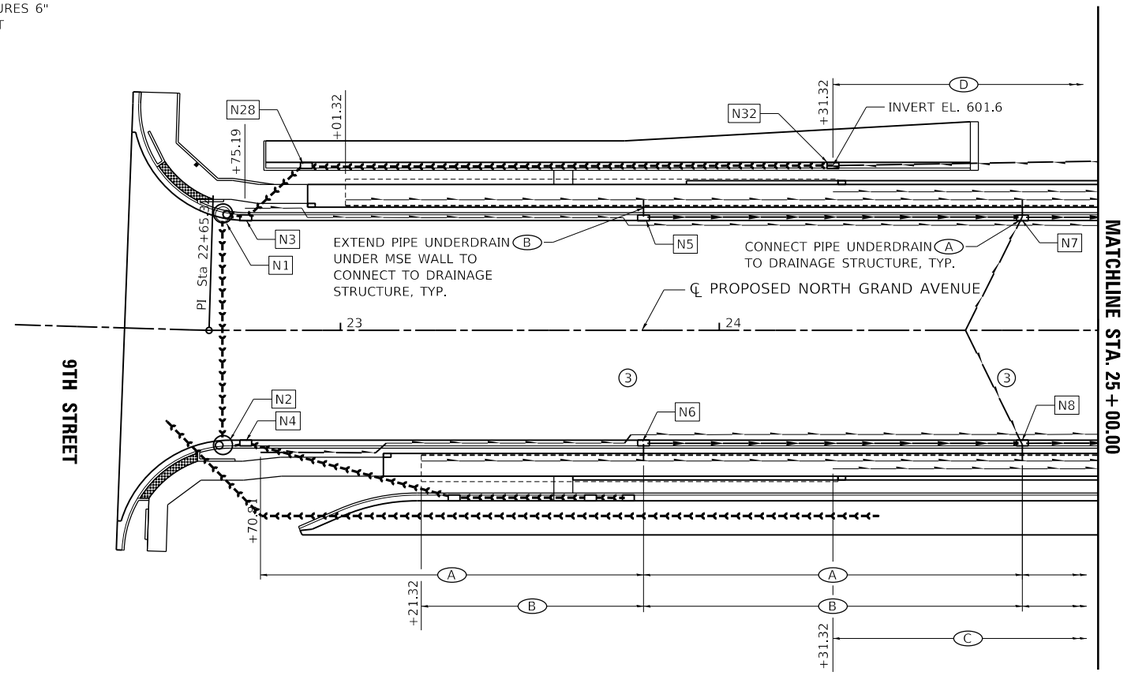
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	257
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

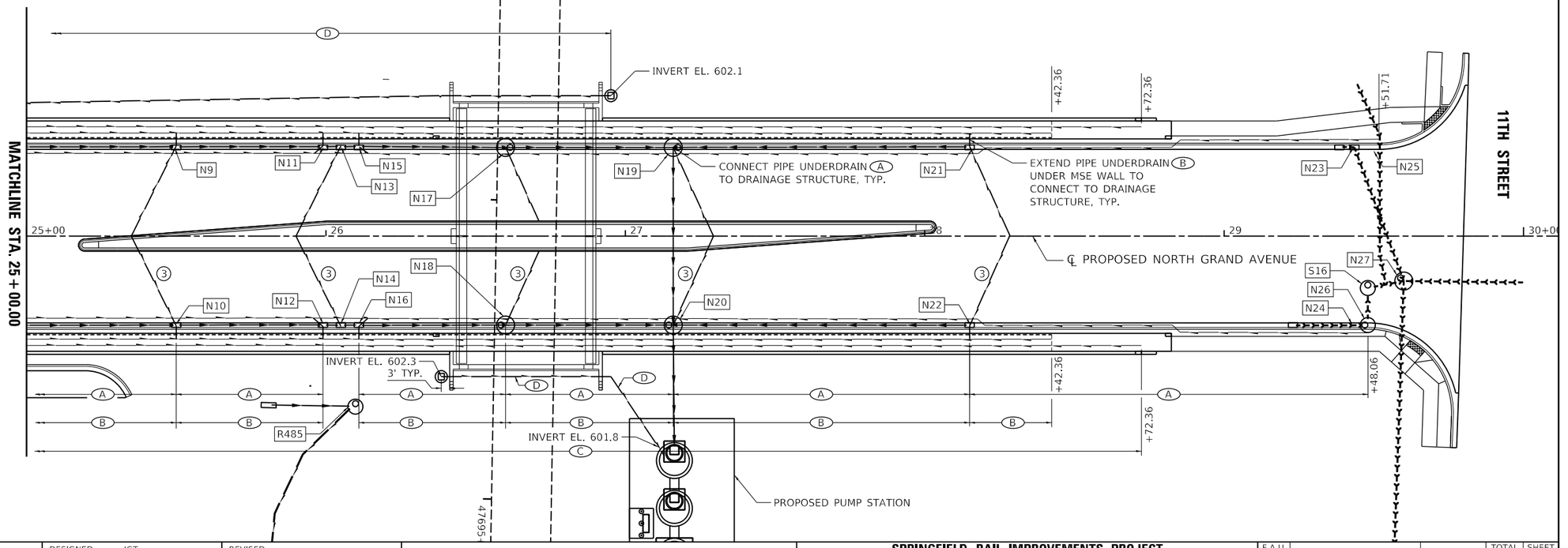
LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED PIPE UNDERDRAIN
- M14 — DRAINAGE STRUCTURE NO. SEE DRAINAGE SCHEDULES.
- PROPOSED STORM SEWER
- PROPOSED CLEANOUT
- (A) — PIPE UNDERDRAINS TYPE 1, 4" LOCATION - OUTSIDE OF ROADWAY SUBGRADE SEE TYPICAL SECTIONS.
- (B) — PIPE UNDERDRAIN FOR STRUCTURES 4" LOCATION - BELOW MSE WALL SEE TYPICAL SECTIONS.
- (C) — PIPE UNDERDRAINS FOR STRUCTURES 4" LOCATION APPROX. AT MIDHEIGHT OF MSE WALL ABOVE ADJACENT MEDIAN SURFACE ELEVATION. SEE TYPICAL SECTIONS.
- (D) — PIPE UNDERDRAIN FOR STRUCTURES 6" LOCATION - BACK OF ABUTMENT SEE STRUCTURE PLANS.

NOTES:

1. LEFT SIDE UNDER DRAIN LIMITS SIMILAR TO RIGHT EXCEPT WHERE NOTED.
2. ALL FITTINGS, TEES, CONNECTIONS AND CLEANOUTS INCLUDED IN THE CONTRACT UNIT PRICE FOR PIPE UNDERDRAIN.
3. TRANSVERSE DRAIN, SEE DETAILS - DRAINAGE DETAILS SHEETS.
4. (C) OUTLETS THROUGH HOLES IN MSE WALL, FOR DETAILS & LOCATIONS, SEE STRUCTURE PLANS.
5. ALL PROPOSED DRAINAGE STRUCTURES SHOWN FOR REFERENCE. ONLY PIPE UNDERDRAINS OUTLET STRUCTURES ARE LABELED. SEE PLAN AND PROFILE FOR DRAINAGE PLAN LAYOUT.





N

0 20 40 60

SCALE IN FEET

FINAL PLANS

MODEL: Default
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HANSON	USER NAME = pop00275	DESIGNED - JGT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PIPE UNDERDRAIN PLAN – NORTH GRAND AVENUE UNDERPASS
		DRAWN - RSJ	REVISED -		
	PLOT SCALE = 40.00 ' / in.	CHECKED - JGT	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.
	PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -		

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	258
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

ALIGNMENT CONTROLS 8" SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	10+00.00	1150070.75	2444550.44	℄ CONTROL POINT START
WP-2	10+85.00	1150072.47	2444635.42	℄ 4' DIA. MH S01
WP-3	13+25.00	1150077.34	2444875.37	℄ 4' DIA. MH S03
WP-4	15+70.00	1150082.31	2445120.32	℄ EXISTING SANITARY MH
WP-5	16+00.00	1150082.92	2445150.32	℄ CONTROL POINT END

1000 UTILITY IDENTIFIER - SEE UTILITY ADJUSTMENT SCHEDULE

11TH ST

EXISTING ROW

S01
MH WP-2
STA. 10+85.00

PI Sta 10+00.00
WP-1
10+00

EXISTING ROW

℄ RIDGELY AVENUE

1111 1112 1113

2'

EXISTING ROW

S03
MH WP-3
STA. 13+25.00

RIDGELY AVE.

8" SANITARY SEWER

1114

15+00

S02
MH WP-4
STA. 15+70.00
EXISTING
SANITARY MH

36" GUNITE

POT Sta 16+00.00
WP-5
16

11 12 13 14 15 16

52 53 54 5' 55+00 56

PLUG SEWER.
FILL MANHOLE.

TELEVISION INSPECTION
OF SEWER (SEE NOTE 2)

PAVEMENT REPLACEMENT (SPECIAL)

SANITARY SEWER
CONNECTION, 1 EACH

36" BRICK

EXISTING ROW

EXISTING ROW

ALLEY

1120 1124 1214 1224 1230

N

0 20 40 60
SCALE IN FEET

615 610 605 600 595 590 585 580 575

WP-2 S01
STA. 10+85.00
RIM EL. 602.24

WP-3 S03
STA. 13+25.00
RIM EL. 601.91

WP-4 S02
STA. 15+70.00
RIM EL. 602.40

TEE FOR LATERAL
CONNECTION (TYP.)

INVERT EL. 594.75

8" DIA. SANITARY SEWER

INVERT EL. 593.38

INVERT EL. 592.00

ESTIMATED INVERT EL. 582.2

(EXISTING PROFILE GRADE)

602.58 602.45 602.32 602.26 602.21 602.14 602.13 602.11 602.20 602.25 602.43 602.39 602.25 602.21 602.16 601.95 601.83 601.77 601.72 601.70 601.43 601.38 601.40 601.44 601.55 601.65 601.70 601.94 602.12 602.32

10+00 10+50 11+00 11+50 12+00 12+50 13+00 13+50 14+00 14+50 15+00 15+50

NOTES:

① - NOTIFY SCWRD 24 HOURS PRIOR TO BEGINNING SANITARY SEWER CONSTRUCTION. NO MATERIALS SHALL BE USED OR WORK COVERED UNTIL THE WORK IS INSPECTED AND APPROVED BY SCWRD.

② - TELEVISE EXISTING SEWER TO ITS TERMINUS TO DETERMINE LOCATION AND SIZE OF LATERAL CONNECTIONS. IF BLOCKAGE PROHIBITS INSPECTION TO THE END CAP OR PLUG, FIELD MARK THE LOCATION OF THE BLOCKAGE AND NOTIFY THE ENGINEER. ALTERNATIVE METHODS OF IDENTIFYING AND LOCATING LATERALS THAT CONNECT TO EXISTING COMBINED SEWER WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

③ - SANITARY SEWER CONNECTION INCLUDES BOTH THE SEWER MAIN AND THE DROP CONNECTION. THE DROP CONNECTION MAY BE INSTALLED INSIDE THE MANHOLE. INTERIOR DROP CONNECTION DETAILS, INCLUDING DETAILS FOR RELOCATION OF MANHOLE STEPS THAT CONFLICT WITH THE INTERIOR DROP CONNECTION, MUST BE APPROVED BY SCWRD AND CITY OF SPRINGFIELD SEWER DEPARTMENT.

④ - SANITARY SERVICE ROUTING FROM H 1214 AND H 1224 IS UNKNOWN.

FINAL PLANS

MODEL: Sheet 2
FILE NAME: pw:\\hansonbc-pw.bentley.com:hanson-pw-01\Documents\09l\o\09l0179B\Usable Segments III - V - VI\CAD\Rail\Usable Segment VI - IDOT\Sheet\D609L0179B-SHT-SewerPlan-Profile.dgn

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	DRAWN - EJM	REVISED -
PLOT SCALE = 40.00 ' / in.	CHECKED - JAD	REVISED -
PLOT DATE = 10/24/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

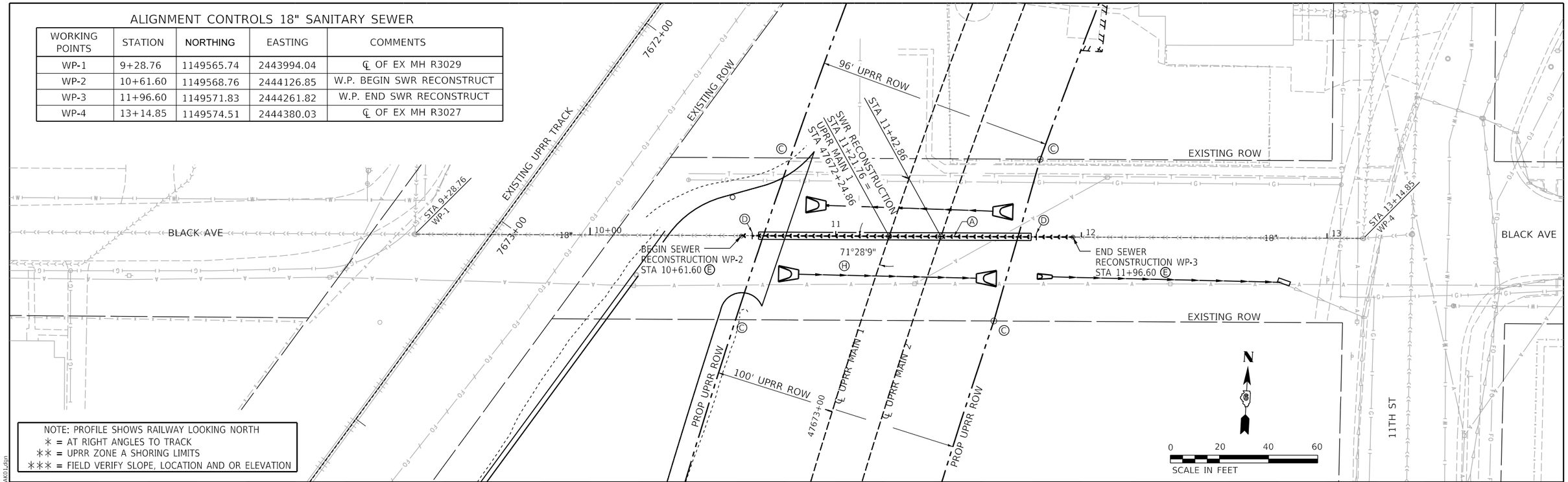
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – SANITARY SEWER – RIDGELY AVE.

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	259
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

ALIGNMENT CONTROLS 18" SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	9+28.76	1149565.74	2443994.04	℄ OF EX MH R3029
WP-2	10+61.60	1149568.76	2444126.85	W.P. BEGIN SWR RECONSTRUCT
WP-3	11+96.60	1149571.83	2444261.82	W.P. END SWR RECONSTRUCT
WP-4	13+14.85	1149574.51	2444380.03	℄ OF EX MH R3027



NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
∗ = AT RIGHT ANGLES TO TRACK
∗∗ = UPRR ZONE A SHORING LIMITS
∗∗∗ = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION

NOTES:

Ⓐ - THE 18" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED PRIOR TO TRACK AND EMBANKMENT CONSTRUCTION.

Ⓑ - PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED "AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION" SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCES.

Ⓒ - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

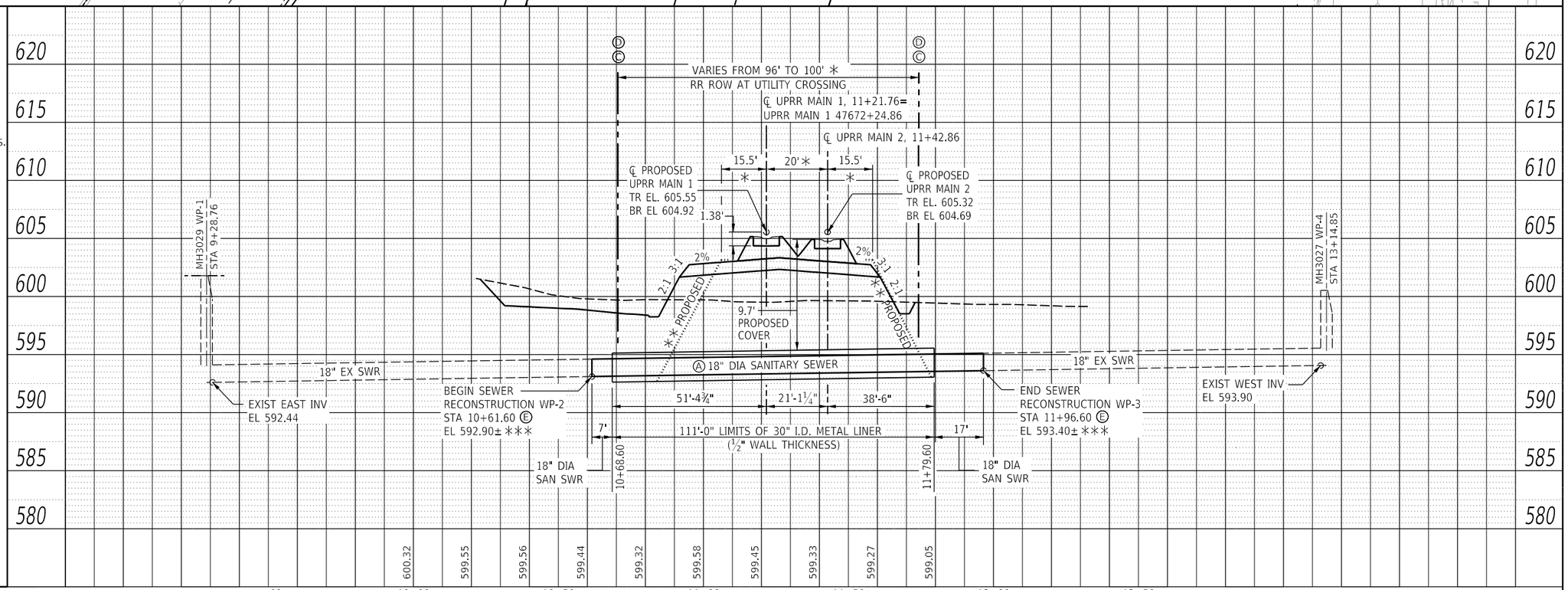
Ⓓ - SET PIPELINE MARKER SIGN, COST INCLUDED W/ 18" SEWER.

Ⓔ - FLEXIBLE COUPLING, COST INCLUDED WITH 18" SEWER.

Ⓕ - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.

Ⓖ - SEE RAILWAY P&P FOR ADDITIONAL DRAINAGE DETAIL & STRUCTURE #s

Ⓗ - BASED ON LOCAL TANGENT AT ALIGNMENT INTERSECTION



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	DRAWN - CLG	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JWM	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – COMBINED SEWER – BLACK AVE.
SCALE: | SHEET 2 OF 10 SHEETS | STA. | TO STA.

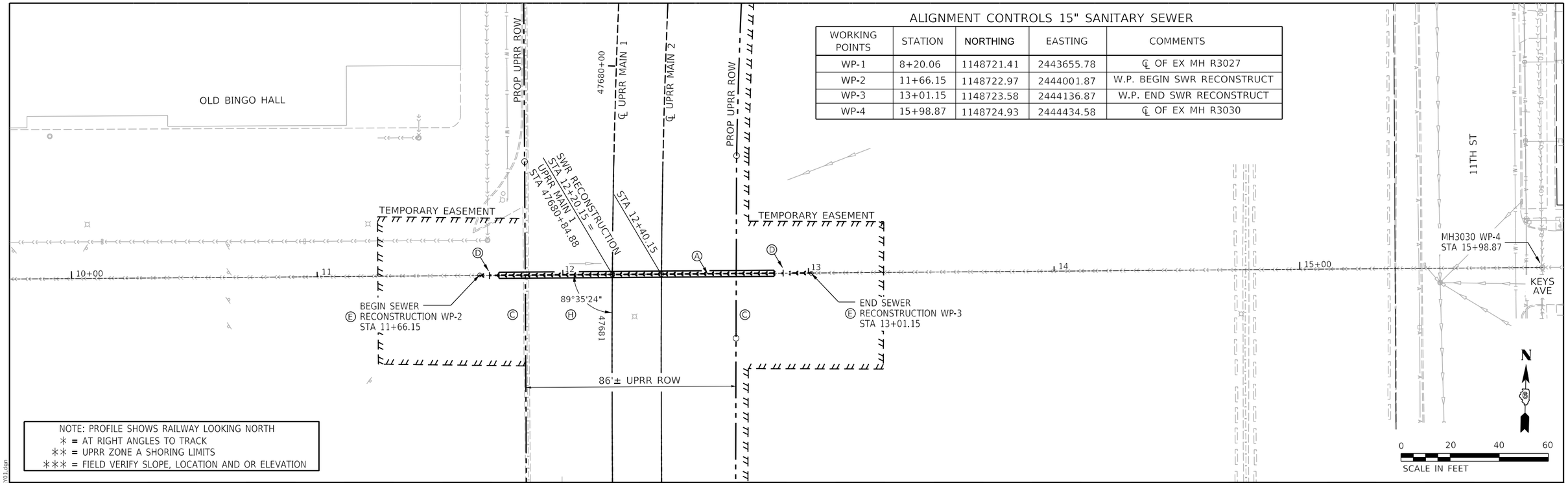
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	260
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

FINAL PLANS

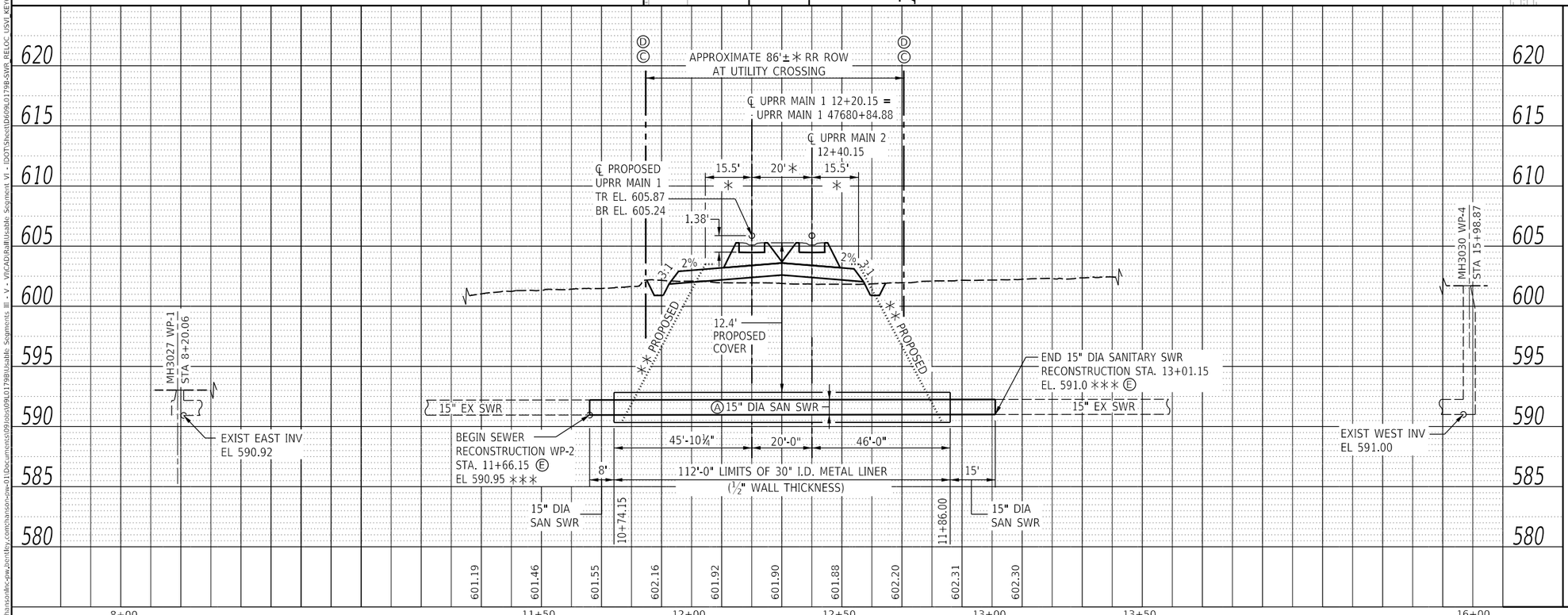
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ALIGNMENT CONTROLS 15" SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	8+20.06	1148721.41	2443655.78	℄ OF EX MH R3027
WP-2	11+66.15	1148722.97	2444001.87	W.P. BEGIN SWR RECONSTRUCT
WP-3	13+01.15	1148723.58	2444136.87	W.P. END SWR RECONSTRUCT
WP-4	15+98.87	1148724.93	2444434.58	℄ OF EX MH R3030



NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
∗ = AT RIGHT ANGLES TO TRACK
∗∗ = UPRR ZONE A SHORING LIMITS
∗∗∗ = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION



NOTES:

Ⓐ - THE 15" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED PRIOR TO TRACK AND EMBANKMENT CONSTRUCTION.

Ⓑ - PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED "AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION" SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCES.

Ⓒ - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

Ⓓ - SET PIPELINE MARKER SIGN, COST INCLUDED W/ 15" SEWER.

Ⓔ - FLEXIBLE COUPLING, COST INCLUDED WITH 15" SEWER.

Ⓕ - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.

Ⓖ - SEE RAILWAY P&P FOR ADDITIONAL DRAINAGE DETAIL & STRUCTURE #s

Ⓗ - BASED ON LOCAL TANGENT AT ALIGNMENT INTERSECTION

FINAL PLANS

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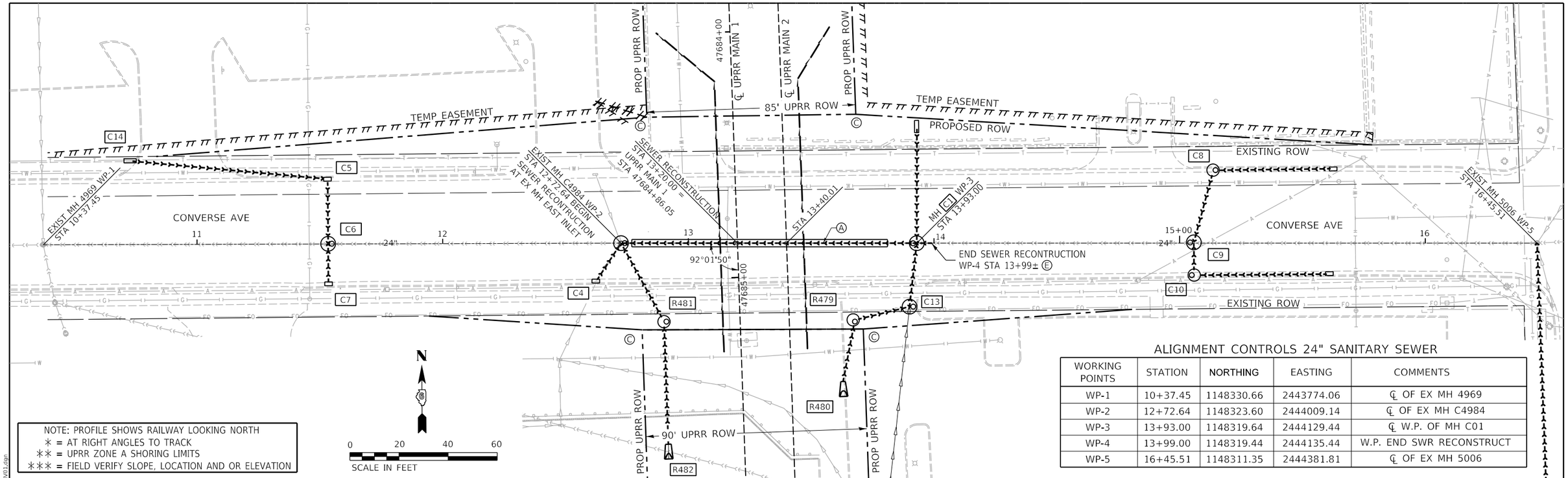
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – COMBINED SEWER – KEYS AVE.

SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	261
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
∗ = AT RIGHT ANGLES TO TRACK
∗∗ = UPRR ZONE A SHORING LIMITS
∗∗∗ = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION

ALIGNMENT CONTROLS 24" SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	10+37.45	1148330.66	2443774.06	℄ OF EX MH 4969
WP-2	12+72.64	1148323.60	2444009.14	℄ OF EX MH C4984
WP-3	13+93.00	1148319.64	2444129.44	℄ W.P. OF MH C01
WP-4	13+99.00	1148319.44	2444135.44	W.P. END SWR RECONSTRUCT
WP-5	16+45.51	1148311.35	2444381.81	℄ OF EX MH 5006

NOTES:

Ⓐ - THE 24" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED PRIOR TO TRACK AND EMBANKMENT CONSTRUCTION.

Ⓑ - PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED "AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION" SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCES.

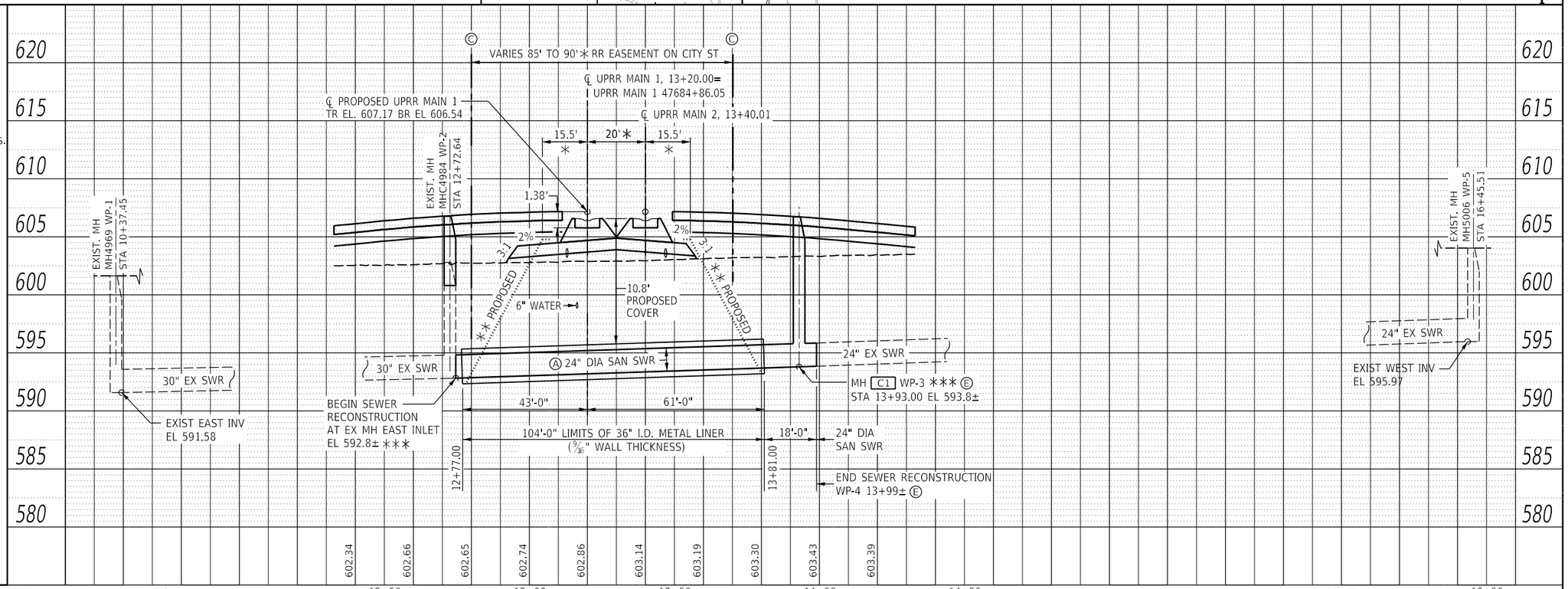
Ⓒ - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

Ⓓ - NOT USED

Ⓔ - FLEXIBLE COUPLING, COST INCLUDED WITH 24" SEWER.

Ⓕ - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.

Ⓖ - SEE RAILWAY P&P FOR ADDITIONAL DRAINAGE DETAIL & STRUCTURE #s



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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

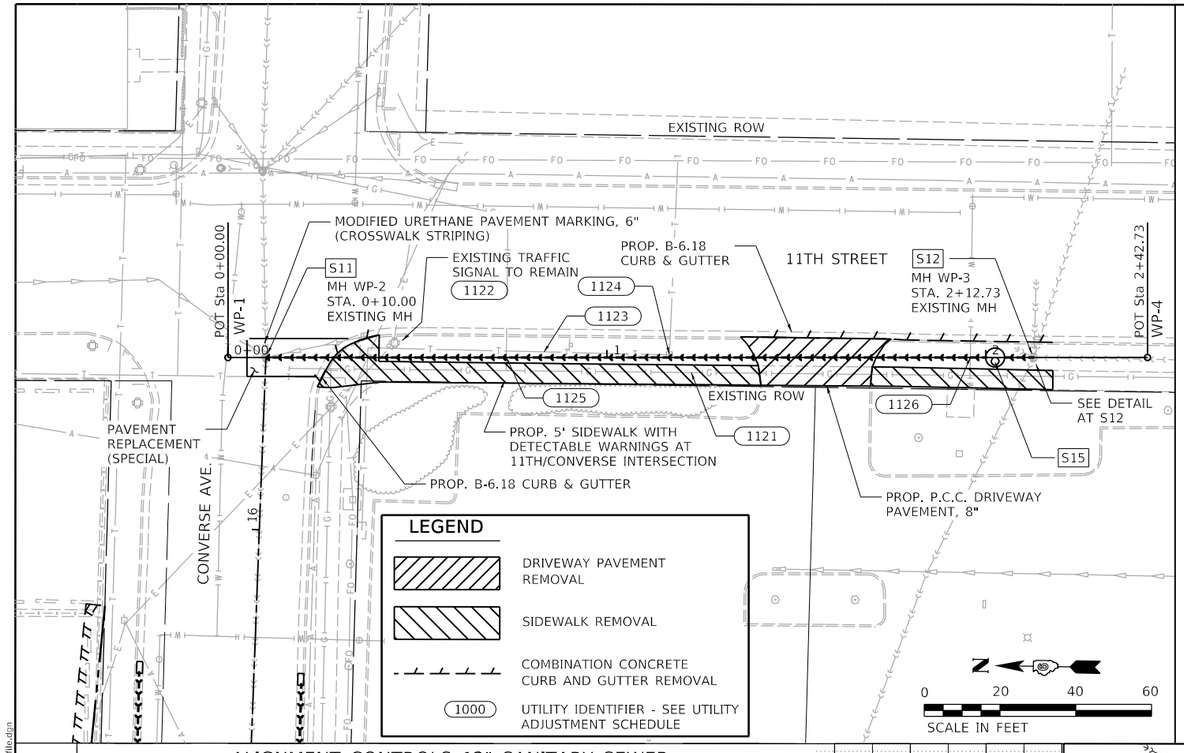
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – COMBINED SEWER – CONVERSE AVE.

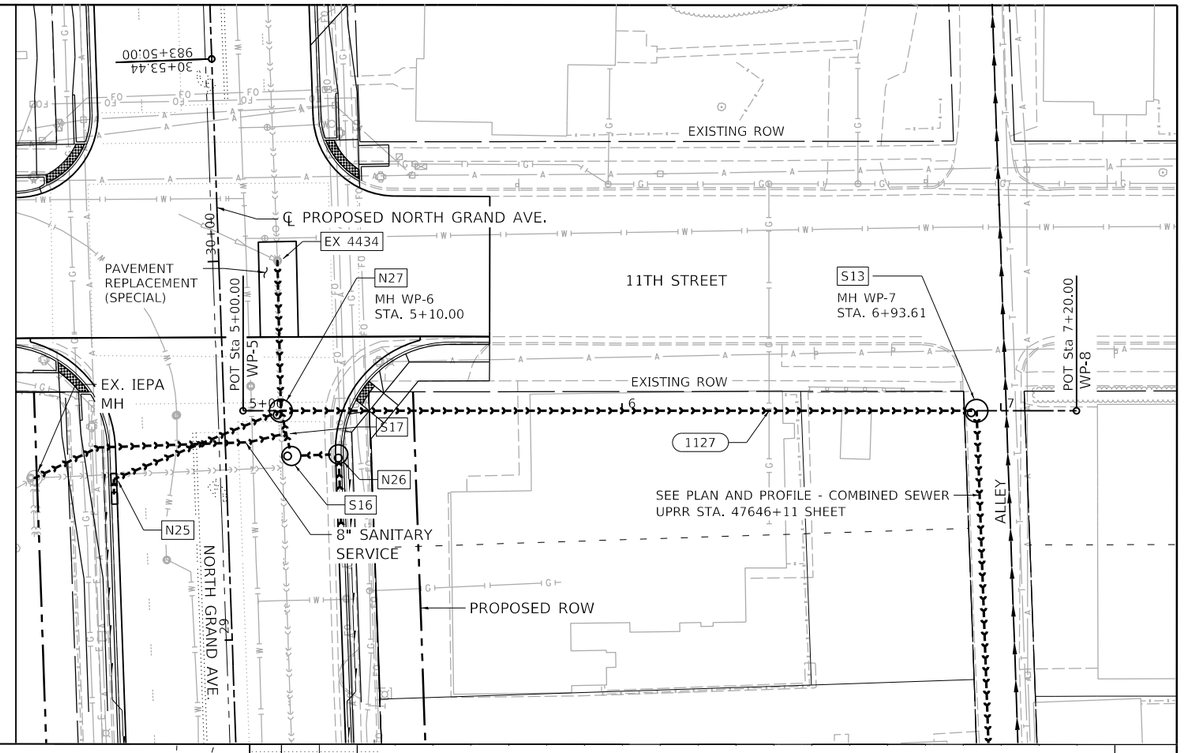
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7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	262
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

FINAL PLANS

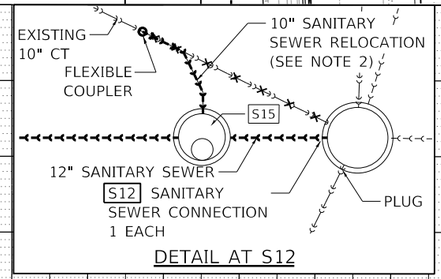
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ALIGNMENT CONTROLS 12" SANITARY SEWER

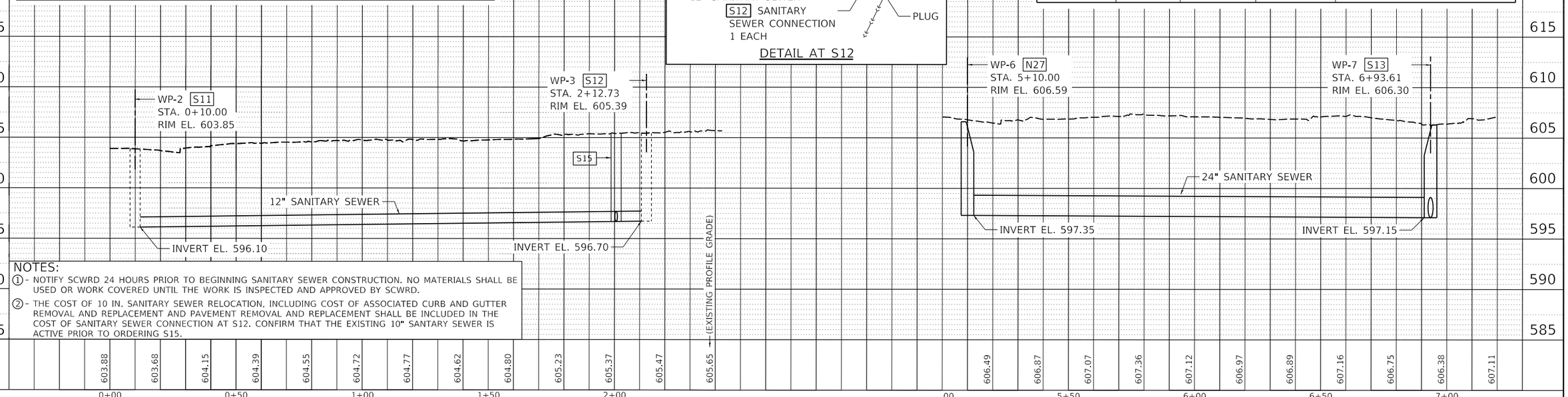
WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	0+00.00	1148321.35	2444381.76	℄ CONTROL POINT START
WP-2	0+10.00	1148311.35	2444381.81	℄ EXISTING MH S11
WP-3	2+12.73	1148108.62	2444382.80	℄ EXISTING MH S12
WP-4	2+42.73	1148078.62	2444382.94	℄ CONTROL POINT END



DETAIL AT S12

ALIGNMENT CONTROLS 24" SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-5	5+00.00	1147397.04	2444362.43	℄ CONTROL POINT START
WP-6	5+10.00	1147387.05	2444362.28	℄ 5' DIA MH N27
WP-7	6+93.61	1147203.45	2444359.51	℄ 5' DIA MH S13
WP-8	7+20.00	1147177.07	2444359.11	℄ CONTROL POINT END



NOTES:

① - NOTIFY SCWRD 24 HOURS PRIOR TO BEGINNING SANITARY SEWER CONSTRUCTION. NO MATERIALS SHALL BE USED OR WORK COVERED UNTIL THE WORK IS INSPECTED AND APPROVED BY SCWRD.

② - THE COST OF 10 IN. SANITARY SEWER RELOCATION, INCLUDING COST OF ASSOCIATED CURB AND GUTTER REMOVAL AND REPLACEMENT AND PAVEMENT REMOVAL AND REPLACEMENT SHALL BE INCLUDED IN THE COST OF SANITARY SEWER CONNECTION AT S12. CONFIRM THAT THE EXISTING 10" SANTARY SEWER IS ACTIVE PRIOR TO ORDERING S15.

FINAL PLANS

MODEL: Sheet 1
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PLOT DATE = 10/24/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – COMBINED SEWERS – 11TH ST.

SCALE: | SHEET 5 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	263
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

ALIGNMENT CONTROLS PUMP STATION OUTLET

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	10+00.00	1147324.51	2444119.85	℄ CONTROL POINT START
WP-2	10+53.00	1147271.56	2444122.78	BEGIN LIMITS OF FORCE MAIN
WP-3	11+19.51	1147205.07	2444124.11	45° BEND
WP-4	11+33.65	1147190.89	2444122.52	℄ CONTROL POINT P.I.
WP-5	11+49.67	1147191.21	2444138.54	45° BEND
WP-6	15+15.00	1147198.45	2444503.80	℄ 4' DIA. MH N33
WP-7	16+75.00	1147201.71	2444663.76	℄ 4' DIA. MH N34
WP-8	17+25.00	1147202.73	2444713.76	℄ CONTROL POINT END

N

0 20 40 60

SCALE IN FEET

N 1147346.87
E 2444104.01
605.40

N 1147347.85
E 2444153.02
605.20

POT Sta 10+00.00
WP-1

N 1147315.87
E 2444104.09
605.50

R483

N 1147308.40
E 2444153.81
604.90

NORTH GRAND AVENUE
PUMP STATION

PROPOSED ROW

N 1147350.25
E 2444273.00
606.10

N 1147350.65
E 2444292.99
606.25

N 1147320.76
E 2444273.59
607.70

EXISTING ROW

WP-2
BEGIN LIMITS OF FORCE MAIN
STA. 10+53.00, 1.87' LT.

3.00'

WP-3 45° BEND
AT. 11+19.51, 1.87' LT.

N 1147218.41
E 2444155.61
605.80

606

WP-5 45° BEND
STA. 11+49.67

ALLEY PAVEMENT=
1 1/2" HMA SURFACE COURSE,
3" HMA BINDER COURSE ON
8" AGGREGATE BASE COURSE

PAVEMENT REMOVAL, SEE
REMOVAL PLANS - TRACK 4 FOR
ADDITION REMOVAL NOT SHOWN

11TH STREET

N 1147205.28
E 2444275.90
607.35

24" SANITARY
SEWER

S13

S14

EXISTING ROW

ALLEY

12

13

14

15

16

17

PI Sta 11+33.65
WP-4

N 1147178.30
E 2444104.45
605.03

1132

10" FORCE MAIN

EXISTING ROW

1133

1134

STA. 14+47.65, 3' RT.

1000 UTILITY IDENTIFIER - SEE UTILITY ADJUSTMENT SCHEDULE

EXISTING ROW

PI Sta 15+15.00

N33
MH WP-6
STA. 15+15.00

PAVEMENT
REPLACEMENT
(SPECIAL)

EXISTING ROW

ALLEY

N34
MH WP-7
STA. 16+75.00

N35

POT Sta 17+25.00
WP-8

STA. 15+15.00, 3' RT.

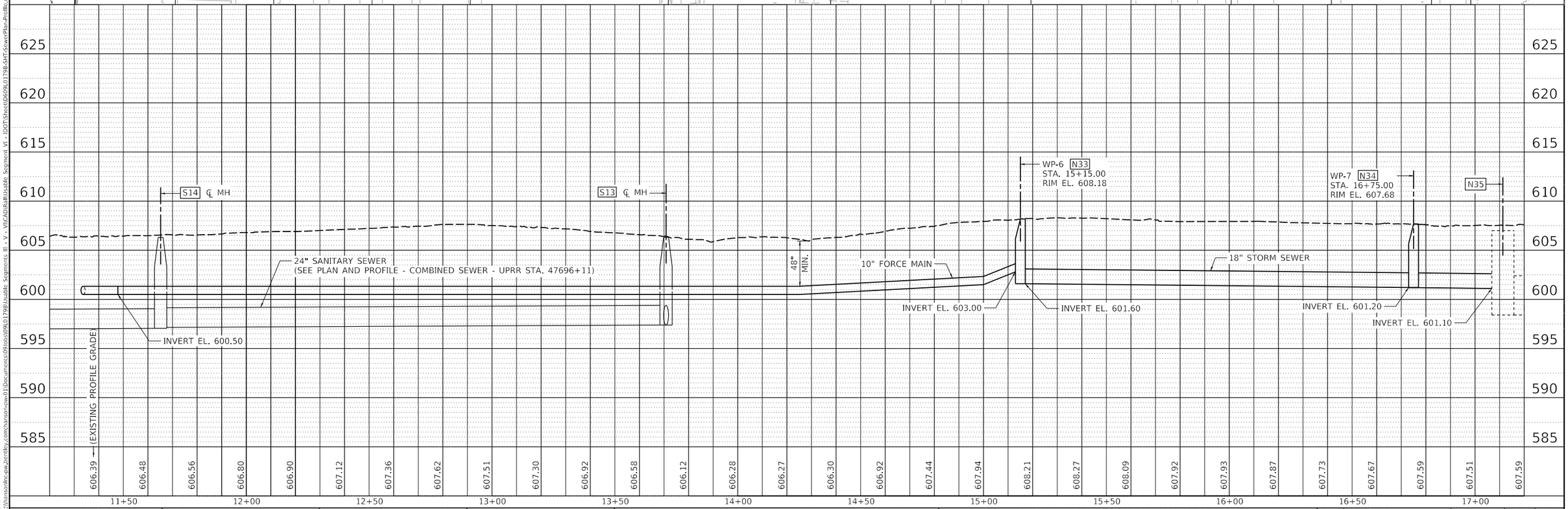
EXISTING ROW

STA. 15+70.71, 0.84' LT.

1135

18" STORM SEWER

1136



FINAL PLANS

MODEL: PS Outlet
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PLOT SCALE = 40.00 ' / in.	CHECKED - JAD	REVISED -	
PLOT DATE = 10/24/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

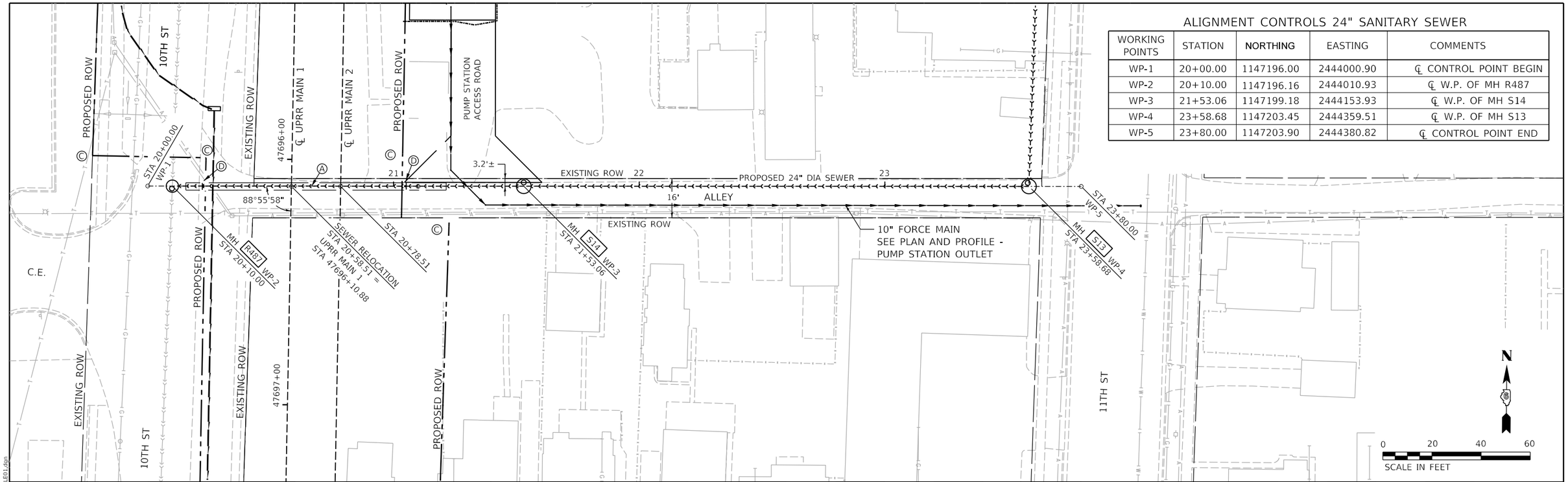
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – PUMP STATION OUTLET

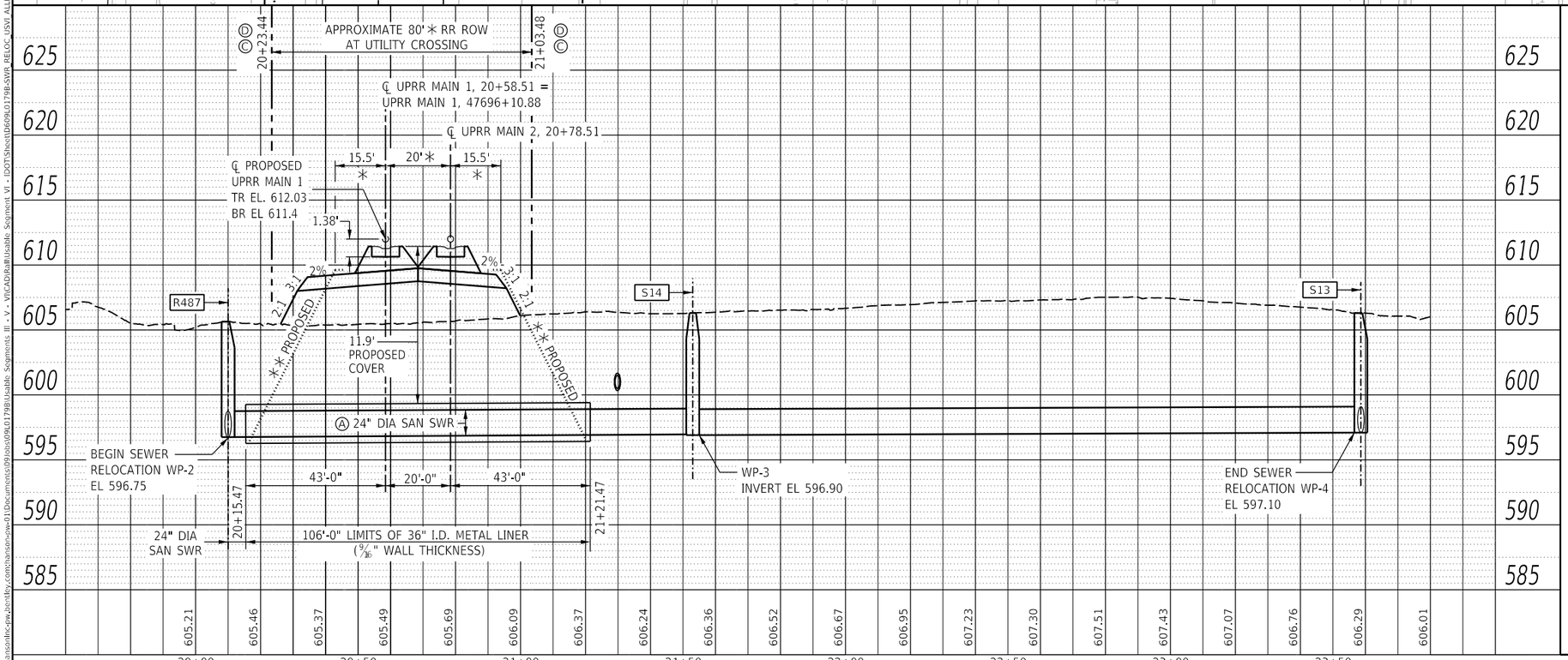
SCALE: | SHEET 6 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	264
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

ALIGNMENT CONTROLS 24" SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	20+00.00	1147196.00	2444000.90	℄ CONTROL POINT BEGIN
WP-2	20+10.00	1147196.16	2444010.93	℄ W.P. OF MH R487
WP-3	21+53.06	1147199.18	2444153.93	℄ W.P. OF MH S14
WP-4	23+58.68	1147203.45	2444359.51	℄ W.P. OF MH S13
WP-5	23+80.00	1147203.90	2444380.82	℄ CONTROL POINT END





NOTES:

Ⓐ - THE 24" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED PRIOR TO TRACK AND EMBANKMENT CONSTRUCTION.

Ⓑ - PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED "AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION" SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCES.

Ⓒ - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

Ⓓ - SET PIPELINE MARKER SIGN, COST INCLUDED W/ 24" SEWER.

Ⓔ - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.

Ⓕ - SEE RAILWAY PLAN AND PROFILES FOR ADDITIONAL DRAINAGE DETAIL & STRUCTURE #s

NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
∗ = AT RIGHT ANGLES TO TRACK
∗∗ = UPRR ZONE A SHORING LIMITS
∗∗∗ = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION

FINAL PLANS

MODEL: Sheet 1
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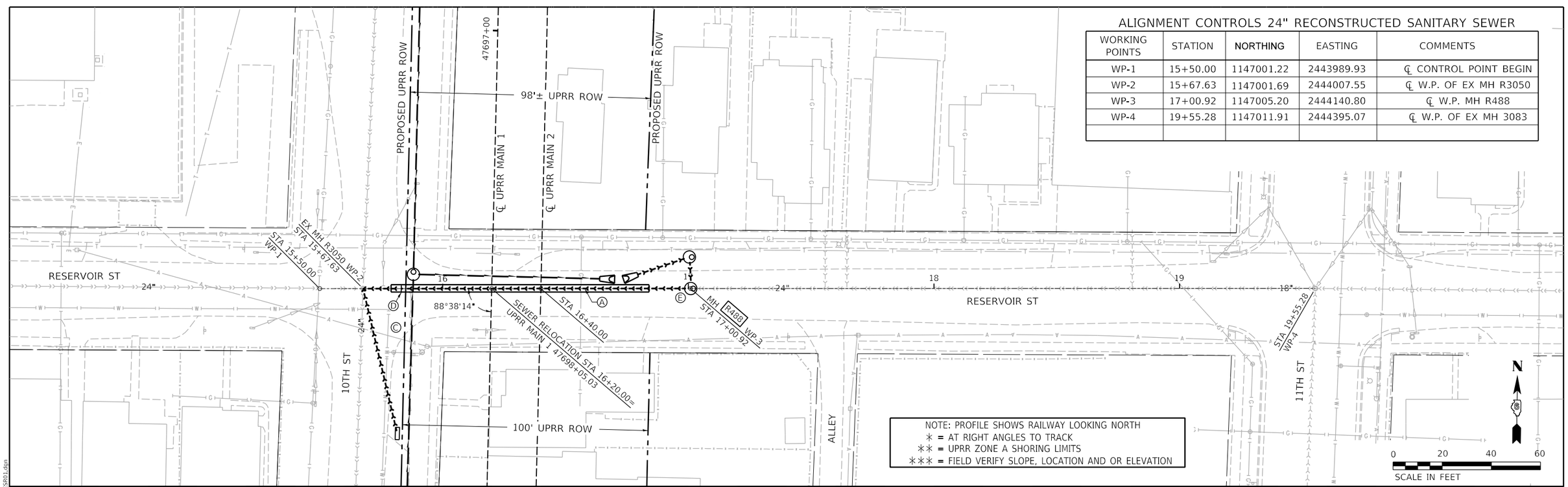
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – COMBINED SEWER – UPRR STA. 47696+11
SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	265
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

ALIGNMENT CONTROLS 24" RECONSTRUCTED SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	15+50.00	1147001.22	2443989.93	℄ CONTROL POINT BEGIN
WP-2	15+67.63	1147001.69	2444007.55	℄ W.P. OF EX MH R3050
WP-3	17+00.92	1147005.20	2444140.80	℄ W.P. MH R488
WP-4	19+55.28	1147011.91	2444395.07	℄ W.P. OF EX MH 3083



NOTES:

Ⓐ - THE 24" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED PRIOR TO TRACK AND EMBANKMENT CONSTRUCTION.

Ⓑ - PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED "AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION" SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCES.

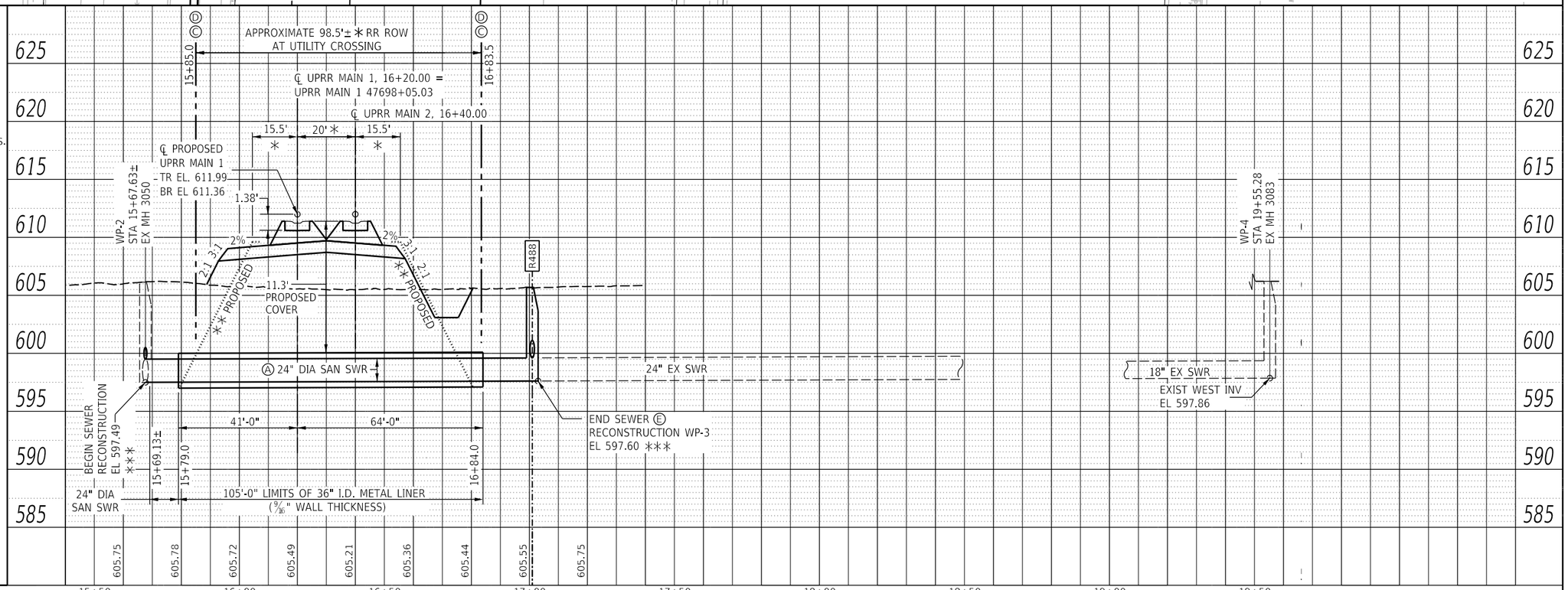
Ⓒ - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

Ⓓ - SET PIPELINE MARKER SIGN, COST INCLUDED W/ 24" SEWER.

Ⓔ - FLEXIBLE COUPLING, COST INCLUDED WITH 24" SEWER.

Ⓕ - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.

Ⓖ - SEE RAILWAY P&P FOR ADDITIONAL DRAINAGE DETAIL & STRUCTURE #s



FINAL PLANS

MODEL: Sheet 1
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

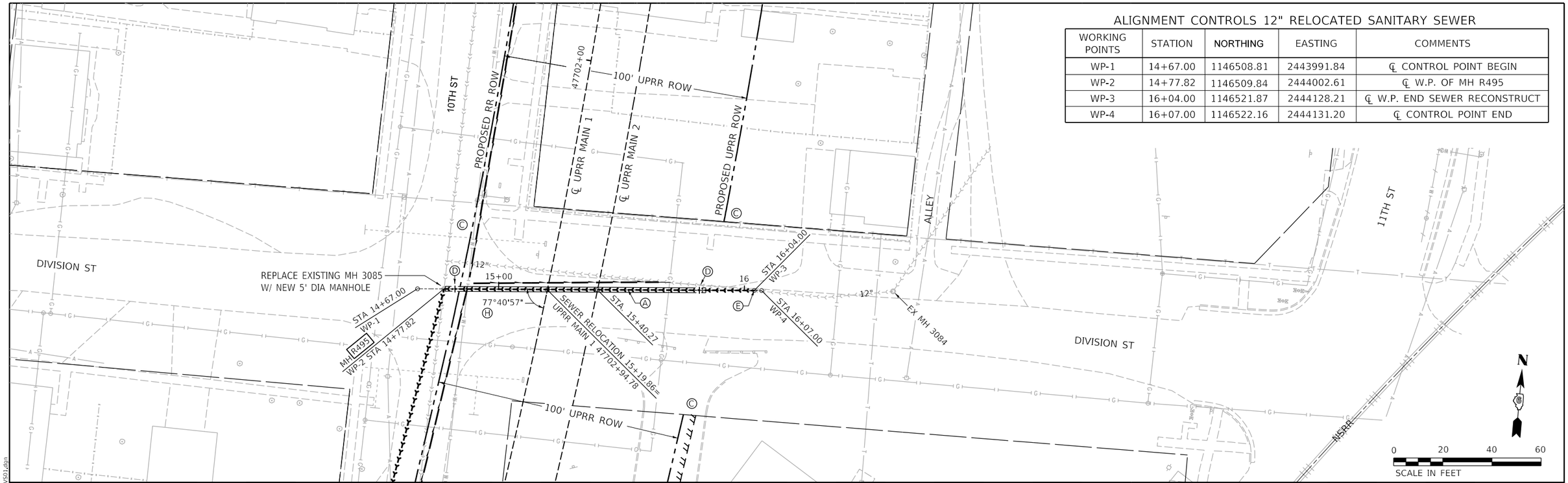
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – COMBINED SEWER – RESERVOIR ST.

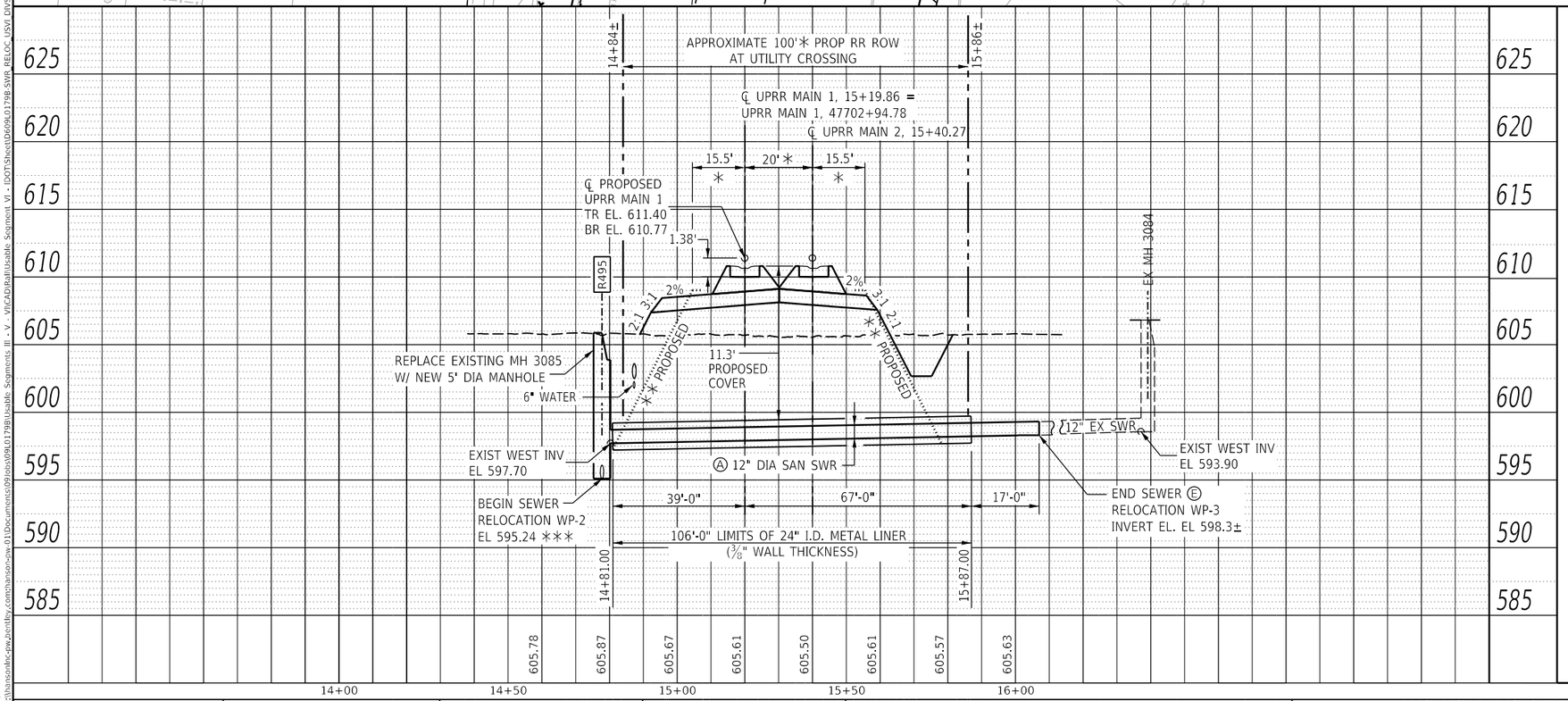
SCALE: | SHEET 8 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	266
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

ALIGNMENT CONTROLS 12" RELOCATED SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	14+67.00	1146508.81	2443991.84	℄ CONTROL POINT BEGIN
WP-2	14+77.82	1146509.84	2444002.61	℄ W.P. OF MH R495
WP-3	16+04.00	1146521.87	2444128.21	℄ W.P. END SEWER RECONSTRUCT
WP-4	16+07.00	1146522.16	2444131.20	℄ CONTROL POINT END





NOTES:

Ⓐ - THE 12" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED PRIOR TO TRACK AND EMBANKMENT CONSTRUCTION.

Ⓑ - PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED "AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION" SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCES.

Ⓒ - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

Ⓓ - SET PIPELINE MARKER SIGN, COST INCLUDED W/ 12" SEWER.

Ⓔ - FLEXIBLE COUPLING, COST INCLUDED WITH 12" SEWER.

Ⓕ - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.

Ⓖ - SEE RAILWAY PLAN AND PROFILES FOR ADDITIONAL DRAINAGE DETAIL & STRUCTURE #s

Ⓗ - BASED ON LOCAL TANGENT AT ALIGNMENT INTERSECTION

NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
∗ = AT RIGHT ANGLES TO TRACK
∗∗ = UPRR ZONE A SHORING LIMITS
∗∗∗ = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION

FINAL PLANS

MODEL: Sheet 1
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – COMBINED SEWER – DIVISION ST.

SCALE: | SHEET 9 OF 10 SHEETS | STA. | TO STA.

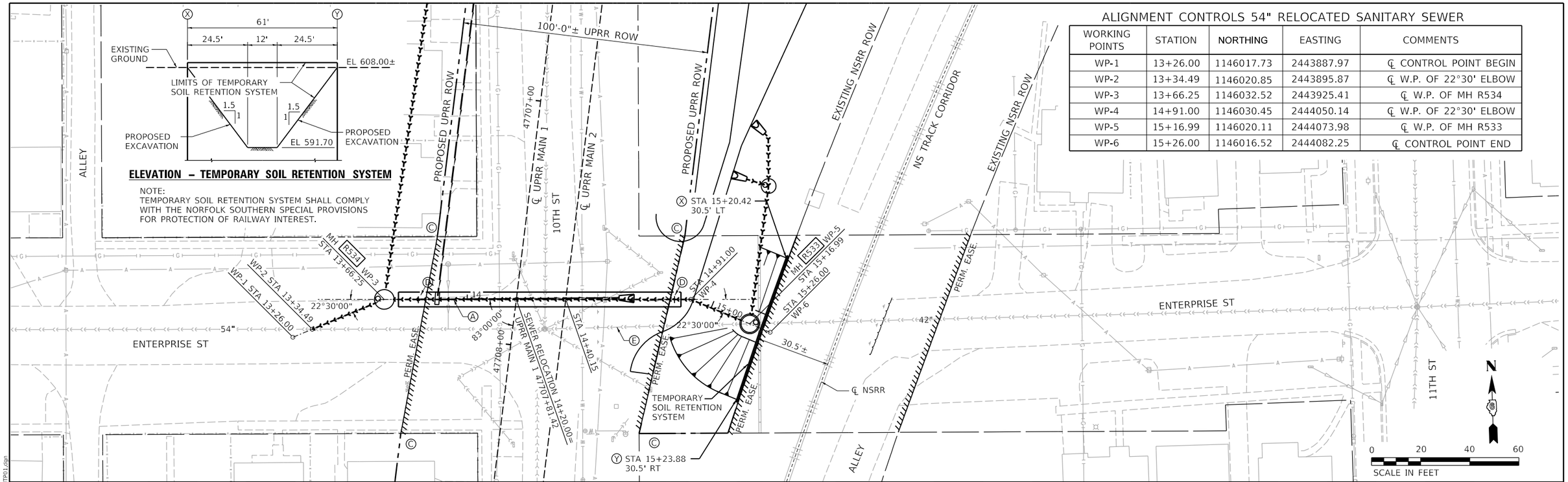
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

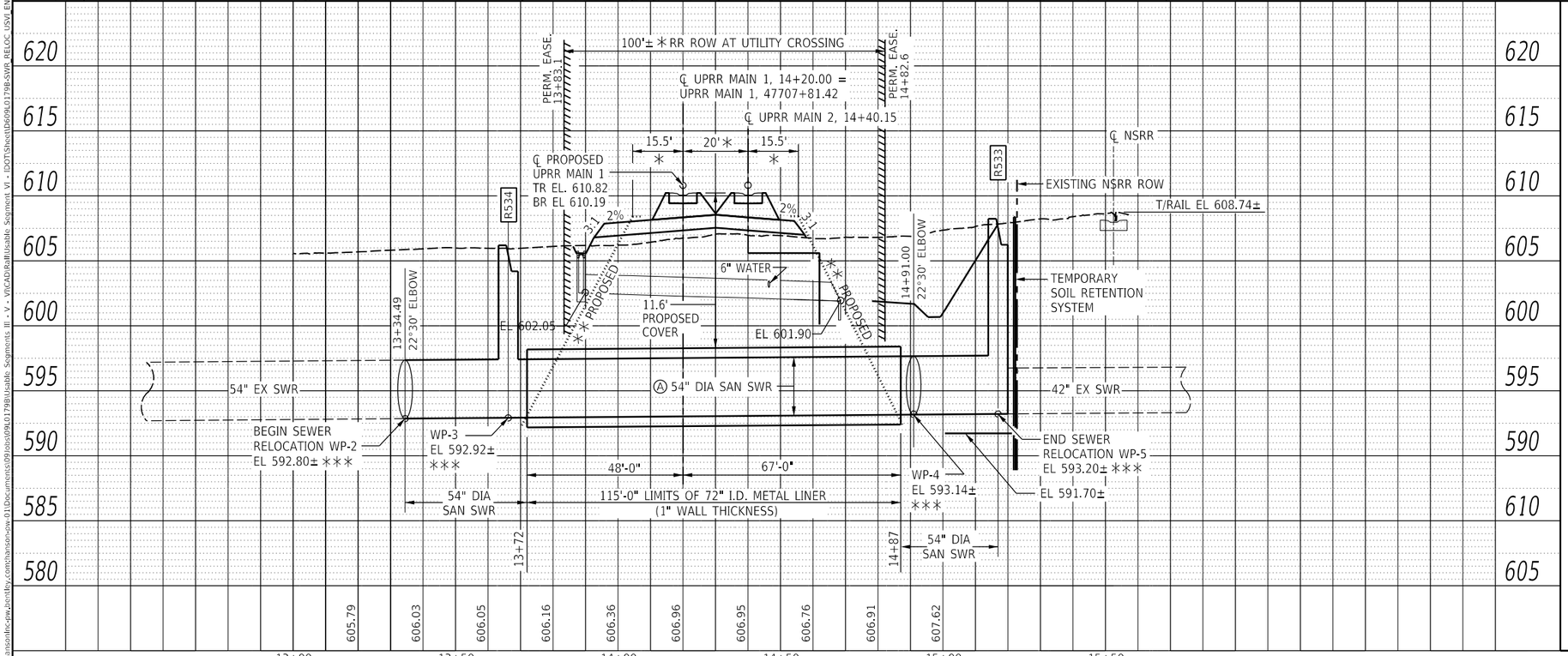
ALIGNMENT CONTROLS 54" RELOCATED SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	13+26.00	1146017.73	2443887.97	℄ CONTROL POINT BEGIN
WP-2	13+34.49	1146020.85	2443895.87	℄ W.P. OF 22°30' ELBOW
WP-3	13+66.25	1146032.52	2443925.41	℄ W.P. OF MH R534
WP-4	14+91.00	1146030.45	2444050.14	℄ W.P. OF 22°30' ELBOW
WP-5	15+16.99	1146020.11	2444073.98	℄ W.P. OF MH R533
WP-6	15+26.00	1146016.52	2444082.25	℄ CONTROL POINT END

ELEVATION – TEMPORARY SOIL RETENTION SYSTEM

NOTE:
TEMPORARY SOIL RETENTION SYSTEM SHALL COMPLY WITH THE NORFOLK SOUTHERN SPECIAL PROVISIONS FOR PROTECTION OF RAILWAY INTEREST.





NOTES:

Ⓐ - THE 54" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED PRIOR TO TRACK AND EMBANKMENT CONSTRUCTION.

Ⓑ - PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED "AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION" SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCES.

Ⓒ - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

Ⓓ - SET PIPELINE MARKER SIGN, COST INCLUDED W/ 54" SEWER.

Ⓔ - FILL ABANDONED BRICK SEWER AND MANHOLES WITH CLSM BETWEEN R500 AND WP-3 UPON COMPLETION OF SEWER RELOCATION, SEE SPECIAL PROVISIONS. CONFIRM THAT THERE ARE NO SERVICE CONNECTIONS IN ANY PORTION OF THE ABANDONED BRICK SEWER PRIOR TO FILLING. ALL UNDOCUMENTED SEWER SERVICES FOUND SHALL BE RECONNECTED TO THE NEW SEWER, AND ABANDONED SERVICE CONNECTIONS SHALL BE FILLED WITH CLSM.

Ⓕ - PIPE ELBOW COST INCLUDED IN 54" SEWER. PIPE ELBOW W.P. LOCATIONS SHALL BE FIELD SURVEYED BY CONTRACTOR AND COORDINATES SUBMITTED TO THE ENGINEER.

Ⓖ - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.

Ⓗ - SEE RAILWAY PLAN AND PROFILES FOR ADDITIONAL DRAINAGE DETAIL & STRUCTURE #s

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Temporary Soil Retention System	Sq. Ft.	595.0

NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
✳ = AT RIGHT ANGLES TO TRACK
✳✳ = THEORETICAL RR EMBANKMENT LINE
✳✳✳ = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION

FINAL PLANS

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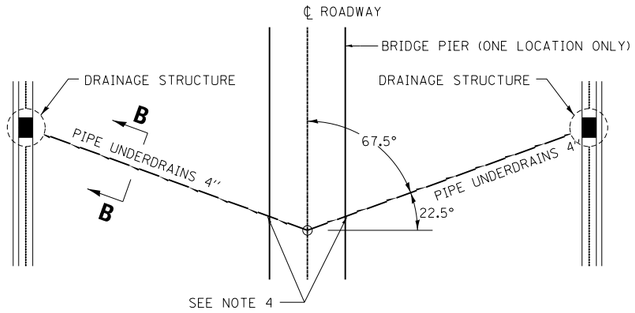
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

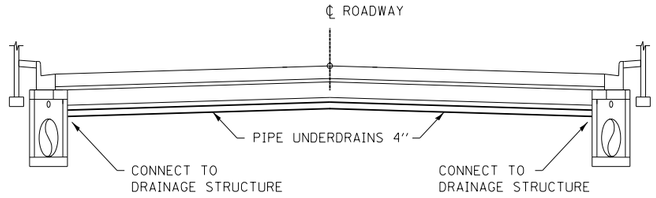
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE – COMBINED SEWER – ENTERPRISE ST.

SCALE: | SHEET 10 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	268
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



ROADWAY PLAN TRANSVERSE DRAIN LAYOUT



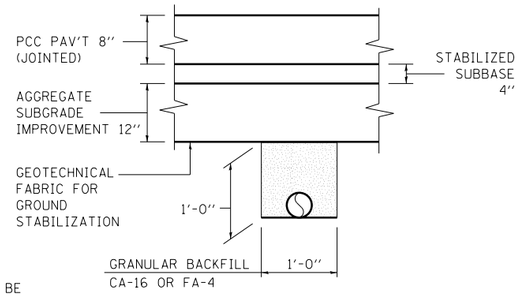
ROADWAY CROSS SECTION TRANSVERSE DRAIN LAYOUT

1. TRANSVERSE DRAIN MATERIALS AND CONSTRUCTION SHALL CONFORM TO SECTION 601 OF THE STANDARD SPECIFICATIONS. FABRIC ENVELOPE SHALL BE USED AND THE GRANULAR BACKFILL GRADATION SHALL BE CA-16 GRAVEL OR FA-4 NATURAL SAND.

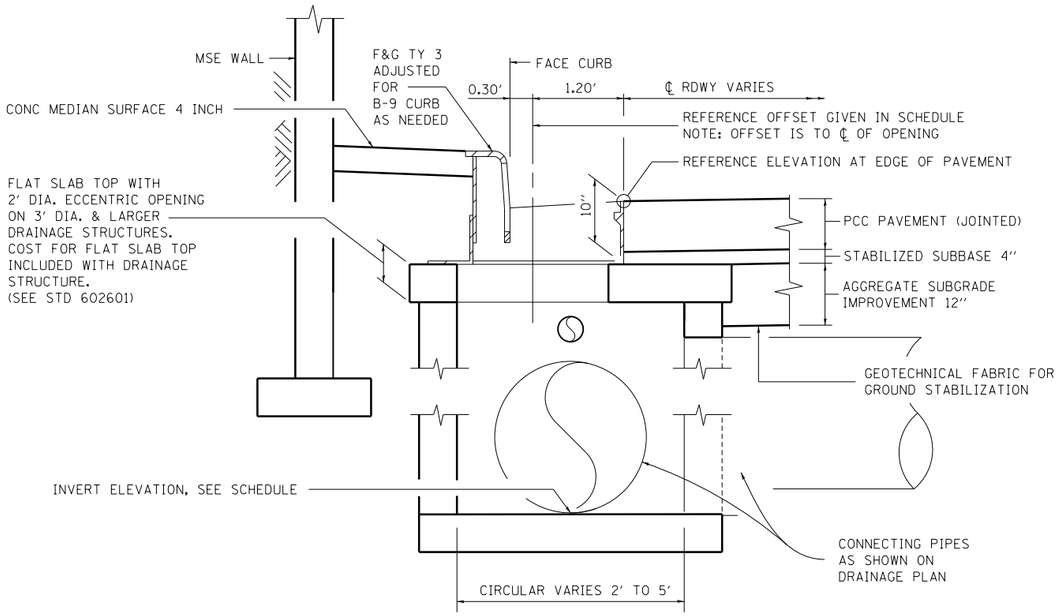
2. ALL MATERIALS WILL NOT BE MEASURED SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT PRICE PER UNIT FOR TRANSVERSE DRAINS COMPLETE.

3. PERFORATED PIPE ENCASED IN FABRIC SHALL BE CORRUGATED PE WITH A SMOOTH INTERIOR MEETING ARTICLE 1040.04 .

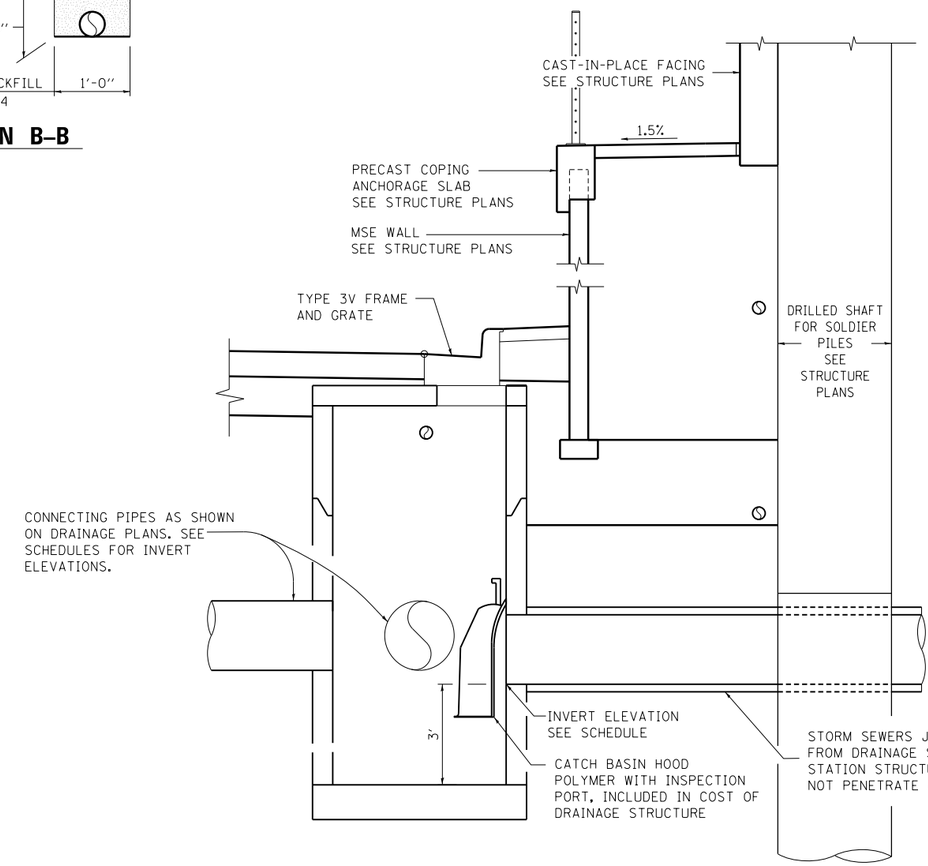
4. UNDERDRAIN SHALL BE CUT AND CAPPED AT BRIDGE PIER LOCATION



SECTION B–B



TYPICAL DRAINAGE STRUCTURE WITH TYPE 3 OR 3V F&G



SILT BASIN STRUCTURE

FINAL PLANS

MODEL: Sheet 1
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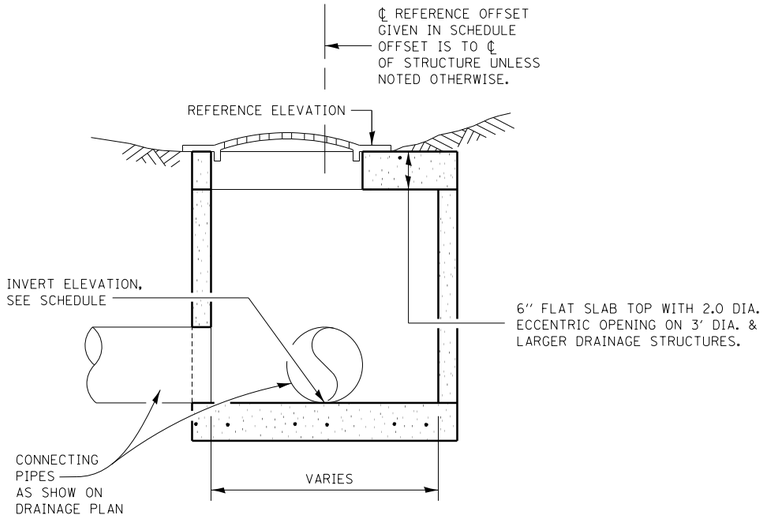
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
DRAINAGE DETAILS – 1

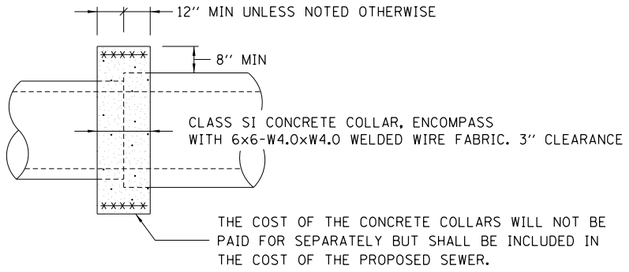
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	269
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



TYPICAL INLET OR MANHOLE WITH TYPE 8 GRATE

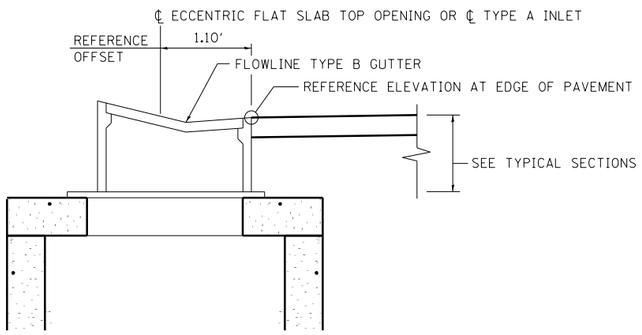
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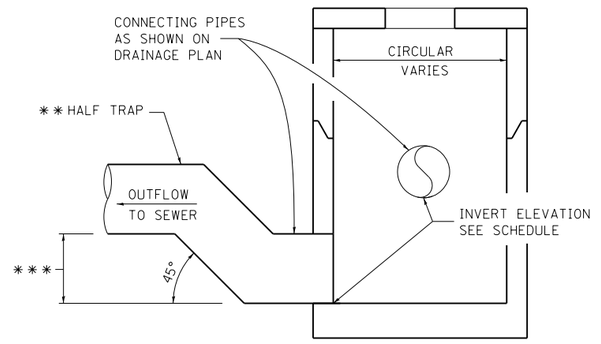
TYPICAL CONCRETE COLLAR DETAIL

N.T.S.

NOTE: CONCRETE COLLARS SHALL BE USED TO CONNECT SEWER TO EXISTING SEWER.



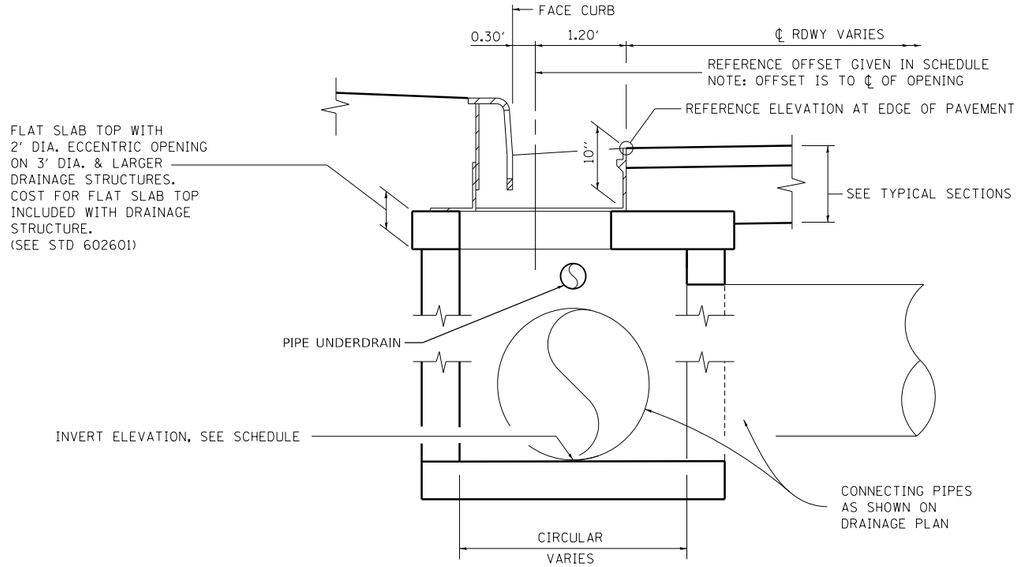
TYPICAL DRAINAGE STRUCTURE WITH TYPE 10 F&G



*** = 1'-3'' FOR 12'' SEWER CONNECTION
1'-9'' FOR 18'' SEWER CONNECTION
2'-3'' FOR 24'' SEWER CONNECTION

** = HALF TRAP INCLUDED IN COST OF STRUCTURE

TYPICAL DRAINAGE STRUCTURE WITH HALF TRAP



TYPICAL DRAINAGE STRUCTURE WITH TYPE 3 OR 3V F&G

FINAL PLANS

MODEL: USVI A Sheet 1
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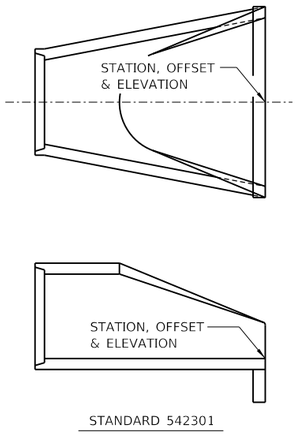
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
DRAINAGE DETAILS – 2

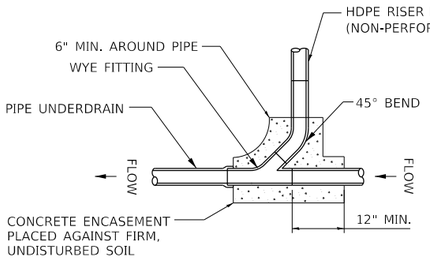
SCALE: | SHEET 2 OF 3 SHEETS | STA. | TO STA.

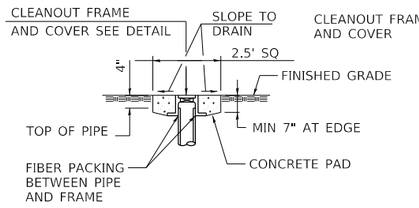
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	270
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

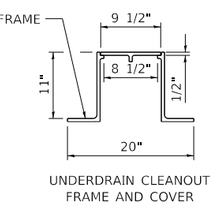


STANDARD 542301

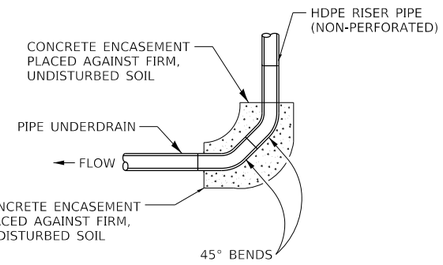
END SECTION OFFSET
N.T.S.

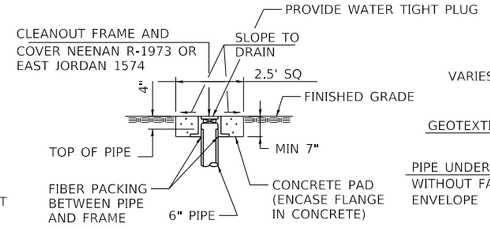






UNDERDRAIN CLEANOUT
FRAME AND COVER



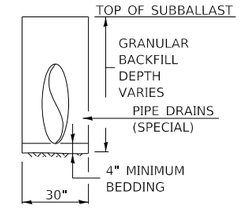


SANITARY SEWER FRAME AND COVER

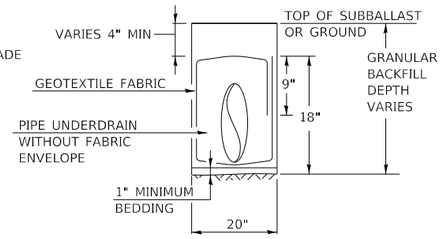
UNDERDRAIN CLEANOUT NOTE:
THE CONTRACT UNIT PRICE PIPE UNDERDRAIN FOR STRUCTURES SHALL INCLUDE THE BENDS AND RISER PIPE, CONCRETE ENCASEMENT, FRAME & COVER AND CONCRETE PAD.

SANITARY SEWER CLEANOUT NOTE:
THE CONTRACT UNIT PRICE FOR SANITARY SEWER SHALL INCLUDE THE FITTINGS AND RISER PIPE, CONCRETE ENCASEMENT, WATER-TIGHT PLUG, FRAME AND COVER AND CONCRETE PAD.

PIPE UNDERDRAIN AND SANITARY SEWER CLEANOUTS
N.T.S.



SECTION VIEW
PIPE DRAINS (SPECIAL)
N.T.S.



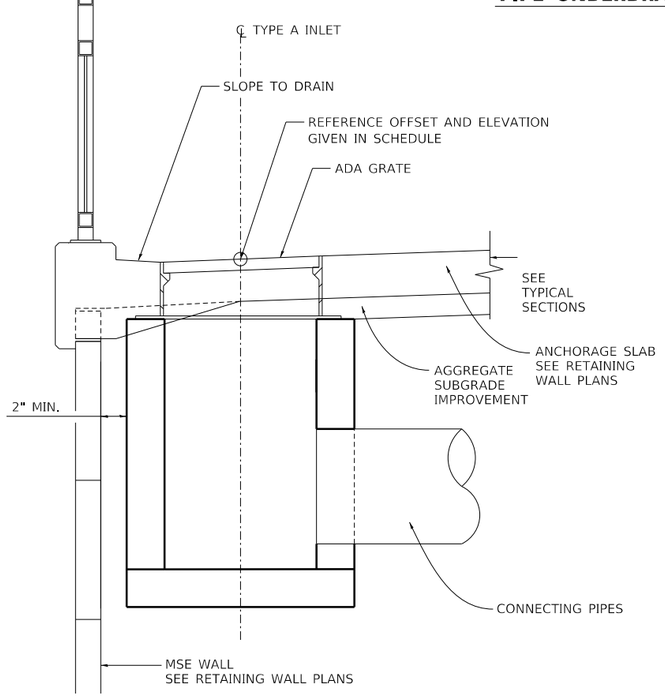
SECTION VIEW
PIPE UNDERDRAINS, TYPE 2
N.T.S.

NOTES: PIPE DRAINS (SPECIAL)

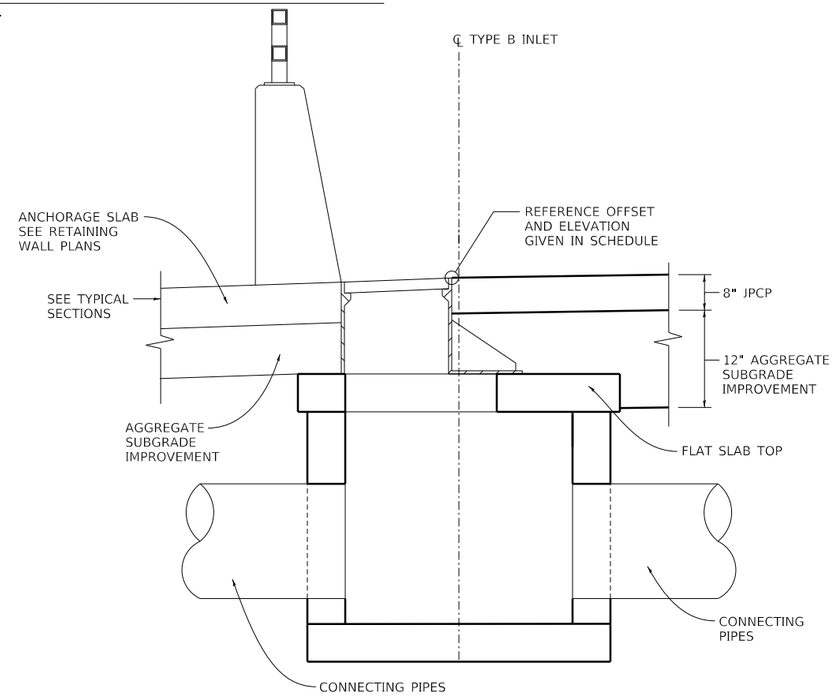
1. BEDDING AND GRANULAR BACKFILL SHALL BE COARSE AGGREGATE MEETING ARTICLE 1004.05, EXCEPT THAT THE GRADATION SHALL BE CA-7. GRANULAR BACKFILL SHALL BE PLACED AND COMPACTED ACCORDING TO ARTICLE 542.04(C) AND 542.04(F), RESPECTIVELY.
2. ALL MATERIALS WILL NOT BE MEASURED SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT PRICE PER UNIT FOR PIPE DRAIN (SPECIAL) OF DIAMETER SPECIFIED.
3. PIPE DRAINS (SPECIAL) SHALL BE A SMOOTH STEEL PIPE ACCORDING TO PROJECT SPECIFICATIONS.

NOTES: PIPE UNDERDRAINS, TYPE 2

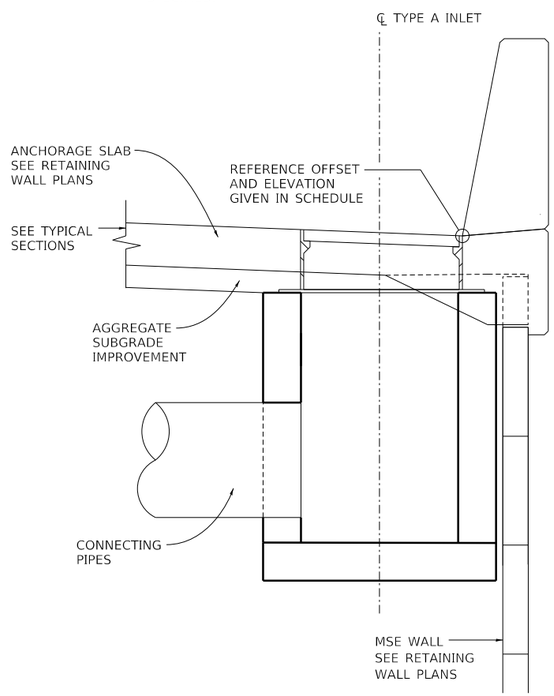
4. PIPE UNDERDRAIN MATERIALS AND CONSTRUCTION SHALL CONFORM TO SECTION 601 OF THE STANDARD SPECIFICATIONS. THE GRANULAR BACKFILL GRADATION SHALL BE CA-7.
5. ALL MATERIALS WILL NOT BE MEASURED SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT PRICE PER UNIT FOR PIPE UNDERDRAINS, TYPE 2 OF THE SIZE SPECIFIED.
6. PERFORATED PIPE SHALL BE PERFORATED CORRUGATED PE PIPE WITH A SMOOTH INTERIOR MEETING ARTICLE 1040.04
7. THE *STORM WATER PULLUTION PREVENTION PLAN* REQUIRES SLOPE STABLILIZATION AND EROSION AND SEDIMENT CONTROL MEASURED FOR PAYMENT UNDER THE VARIOUS LANDSCAPING AND EROSION CONTROL PAY ITEMS INCLUDED IN THE CONTRACT. ADDITIONAL MEASURES TO PREVENT SILT AND SEDIMENT FROM ENTERING THE GRANULAR BACKFILL AND REMOVAL AND REPLACEMENT OF CONTAMINATED GRANULAR BACKFILL WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PIPE UNDERDRAINS, TYPE 2 OF THE SIZE SPECIFIED.



TYPE A INLET WITH
SPECIAL FRAME AND GRATE
N.T.S.



TYPE B INLET WITH
TYPE 23 FRAME AND GRATE
N.T.S.



TYPE A INLET WITH
TYPE 20 FRAME AND GRATE
N.T.S.

FINAL PLANS

MODEL: USVI A Sheet 2
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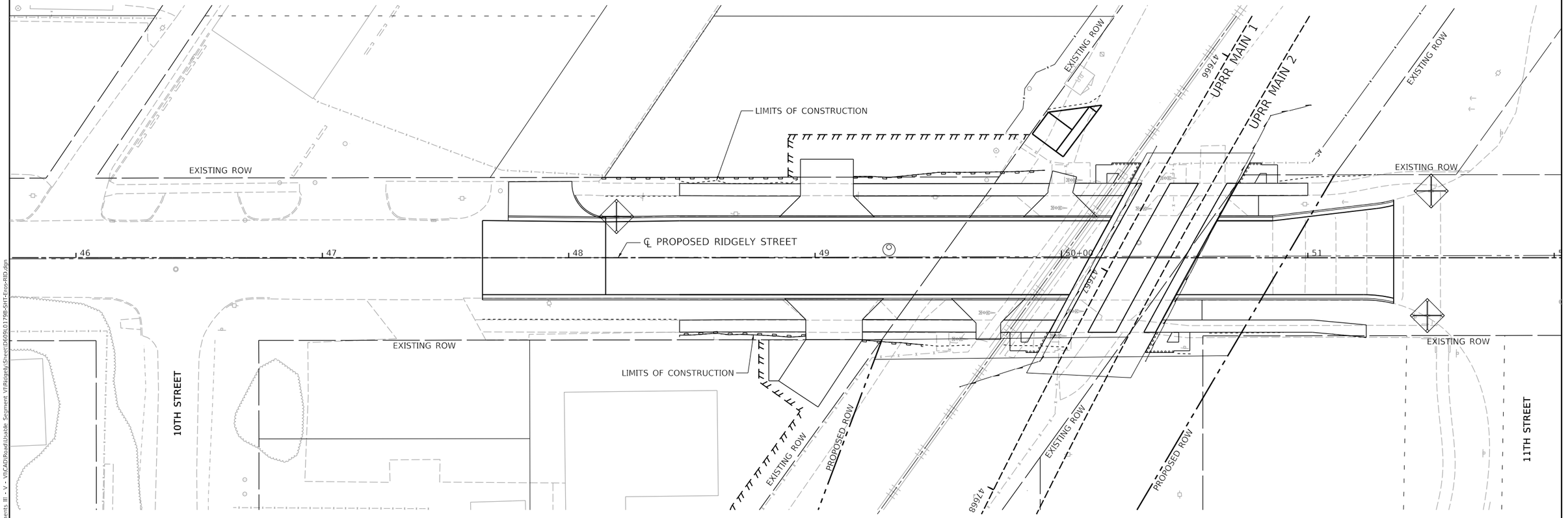
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
DRAINAGE DETAILS – 3

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	271
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS	FED. AID PROJECT		



LEGEND

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

N

0 20 40 60

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 1
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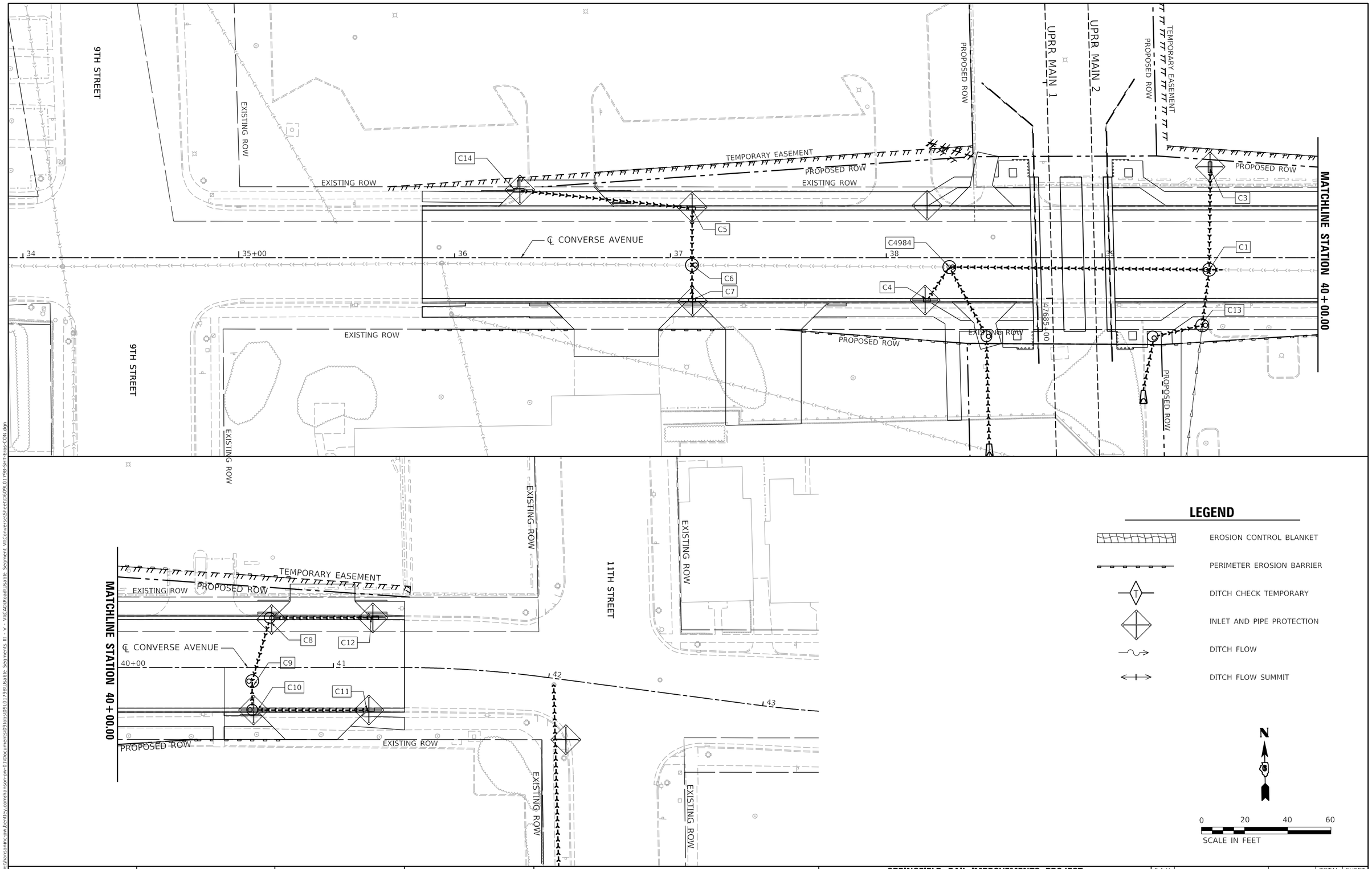
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – RIDGELY AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	272
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



LEGEND

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

N

0 20 40 60

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 1
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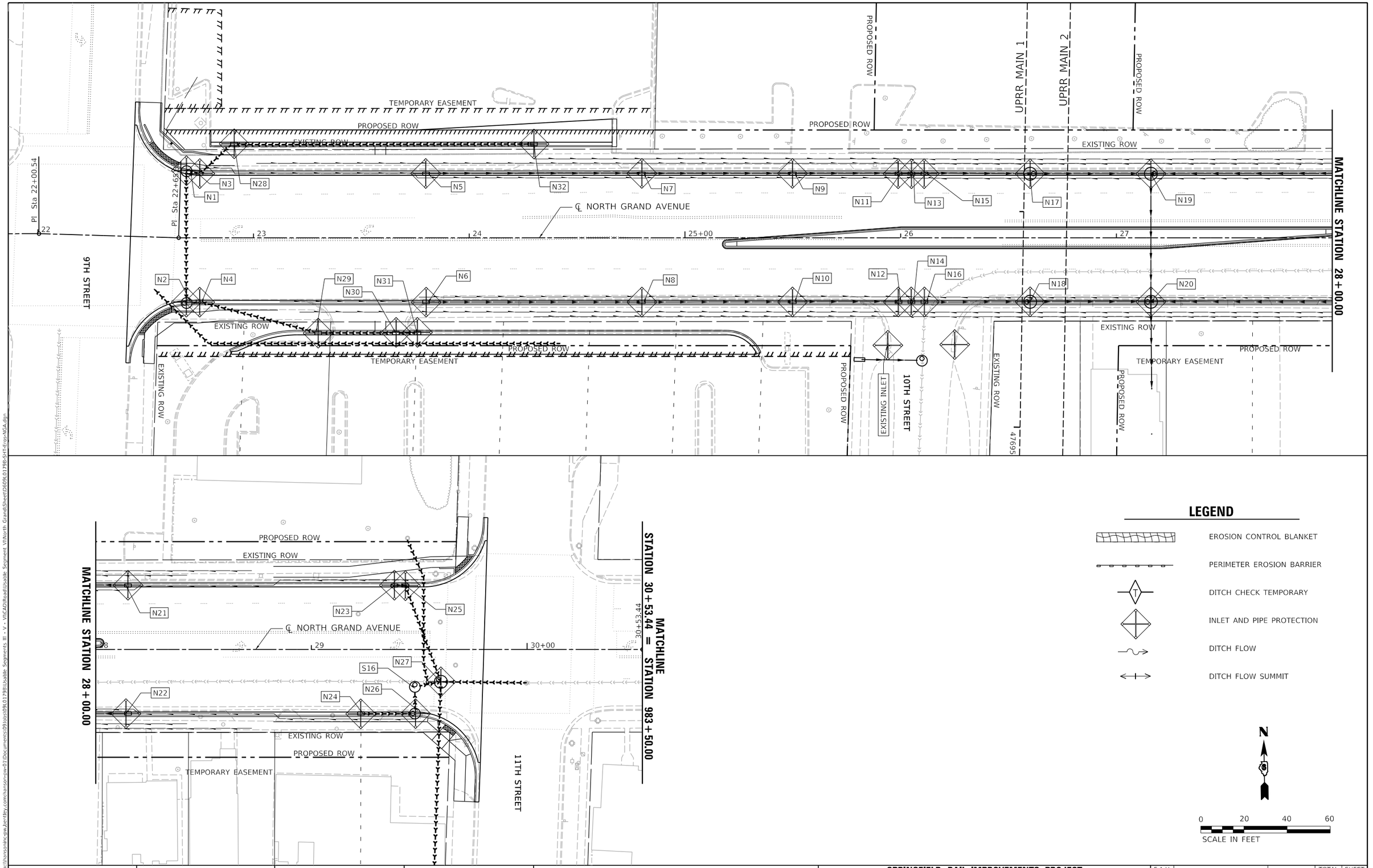
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – CONVERSE AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	273
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



LEGEND

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

N

0 20 40 60

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 1
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – NORTH GRAND AVENUE UNDERPASS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	274
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

FINAL PLANS

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MATCHLINE STA. 30+53.44 = STA. 983+50.00

MATCHLINE STA. 989+00.00

℄ PROPOSED NORTH GRAND AVE.

PC Sta 985+19.51

PT Sta 988+40.24

EXISTING ROW

PROPOSED ROW

ALLEY

CONSTRUCTION LIMITS

N33 N34 N35 N36 N37 N40 N41 N42 N43 N44 N45 N46 N47 N48 N49 N50 N51 N131 N132 N141 N142 N143 N144 N145 N146 N147 T4

983+50.00 984 985+00 986 987 988 989+00.00

+28.34 +54.22

LEGEND

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

N

0 20 40 60
SCALE IN FEET

HANSON

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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – NORTH GRAND AVENUE OVERPASS – 1

SCALE: | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	275
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS	FED. AID PROJECT		

LEGEND

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

℄ PROPOSED ROBIN ROBERTS ROAD

EXISTING ROW

CONSTRUCTION LIMITS

EXISTING ROW

MATCHLINE STA. 989+00.00

MATCHLINE STA. 995+00.00

PC Sta 52+86.13

POT Sta 52+68.62

PC Sta 989+85.67

PT Sta 55+64.81

PROPOSED ROW

PROPOSED ROW

CONSTRUCTION LIMITS

℄ PROPOSED 13TH STREET

℄ PROPOSED NORTH GRAND AVE.

EXISTING RR ROW

EXISTING RR ROW

EXISTING RR ROW

EXISTING RR ROW

T1 T2 T3 T5 T7 T8 T9 T10 T11 T12 T13

N52 N53 N54 N55 N56 N57 N58 N59 N60 N61 N62 N63 N64 N65 N66 N67 N68 N69 N70 N71 N127 N128 N129 N130 N133

52 53 54 55+00 56 57 58 990+00 991 992 993 994

N

0 20 40 60

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 2
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – NORTH GRAND AVENUE OVERPASS – 2

SCALE: | SHEET 2 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	276
	09L0179B	CONTRACT NO. 93773		
		ILLINOIS	FED. AID PROJECT	

ROBIN ROBERTS ROAD

15TH STREET

EXISTING ROW

EXISTING RR ROW

POT Sta 61+92.88

POT Sta 100+00.00

CONSTRUCTION LIMITS

PERMANENT EASEMENT

PROPOSED ROW

PT Sta 995+76.53

℄ PROPOSED NORTH GRAND AVE.

N72 N73 N74 N75 N76 N77 N78 N79 N80 N81 N82

59 60+00 61 995+00 996 997 998 999 1000+00

ABANDONED TRACK

ALLEY

MATCHLINE STA. 995 + 00.00

MATCHLINE STA. 1001 + 00.00

LEGEND

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

N

0 20 40 60

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 3
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – NORTH GRAND AVENUE OVERPASS – 3

SCALE: | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	277
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

LEGEND

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

EXISTING ROW

EXISTING RR ROW

EXISTING ROW

CONSTRUCTION LIMITS
STAGE 2, SEE STAGING PLANS
AND CROSS SECTIONS

CONSTRUCTION LIMITS
STAGE 1, SEE STAGING PLANS
AND CROSS SECTIONS

EXISTING ROW

EXISTING ROW

MATCHLINE STA. 1001+00.00

MATCHLINE STA. 1007+00.00

N83 N84 N85 N86 N87 N88 N89 N90 N91 N92 N93 N94A N94 N95 N96 N97 N98 N99 N99A N100 N101 N102

PC Sta 1001+12.46

PT Sta 1004+64.83

1001 1002 1003 1004 1005+00 1006

℄ PROPOSED NORTH GRAND AVE.

PROPOSED ROW

PROPOSED ROW

PROPOSED ROW

CONSTRUCTION LIMITS

POT Sta 0+00.00

0+00

1 2 3 4 5+00 6

RT Sta 2+98.14

RT Sta 4+21.41

RT Sta 5+22.89

RT Sta 5+70.18

N

0 20 40 60

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 4
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – NORTH GRAND AVENUE OVERPASS – 4

SCALE: | SHEET 4 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	278
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

CONSTRUCTION LIMITS
STAGE 1, SEE STAGING PLANS
AND CROSS SECTIONS

CONSTRUCTION LIMITS
STAGE 2, SEE STAGING PLANS
AND CROSS SECTIONS

EXISTING ROW

TEMPORARY EASEMENT

10' SHARED USE PATH

N103 N104 N105 N106 N107 N108 N109 N110 N111 N112 N113 N114 N115 N116 N117 N118 N119 N120 N121 N122 N123 N124 N125 N126

PC Sta 100+25.00

POT Sta 7+77.67

1007+00.00

1007 1008 1009 1010+00 1011 1012

PT Sta 100+83.12

EXISTING ROW

19TH STREET

EXISTING ROW

PROPOSED ROW

TEMPORARY EASEMENT

211

PT Sta 7+12.64

POT Sta 211+02.61

PT Sta 210+78.84

PC Sta 6+67.58

℄ PROPOSED NORTH GRAND AVE.

210+00 209

PC Sta 209+83.99

PT Sta 208+94.11

TEMPORARY EASEMENT

CONSTRUCTION LIMITS

PC Sta 207+99.40

208 207

TEMPORARY EASEMENT

TEMPORARY EASEMENT

EXISTING ROW

19TH STREET

EXISTING ROW

LEGEND

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

N

0 20 40 60

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 5
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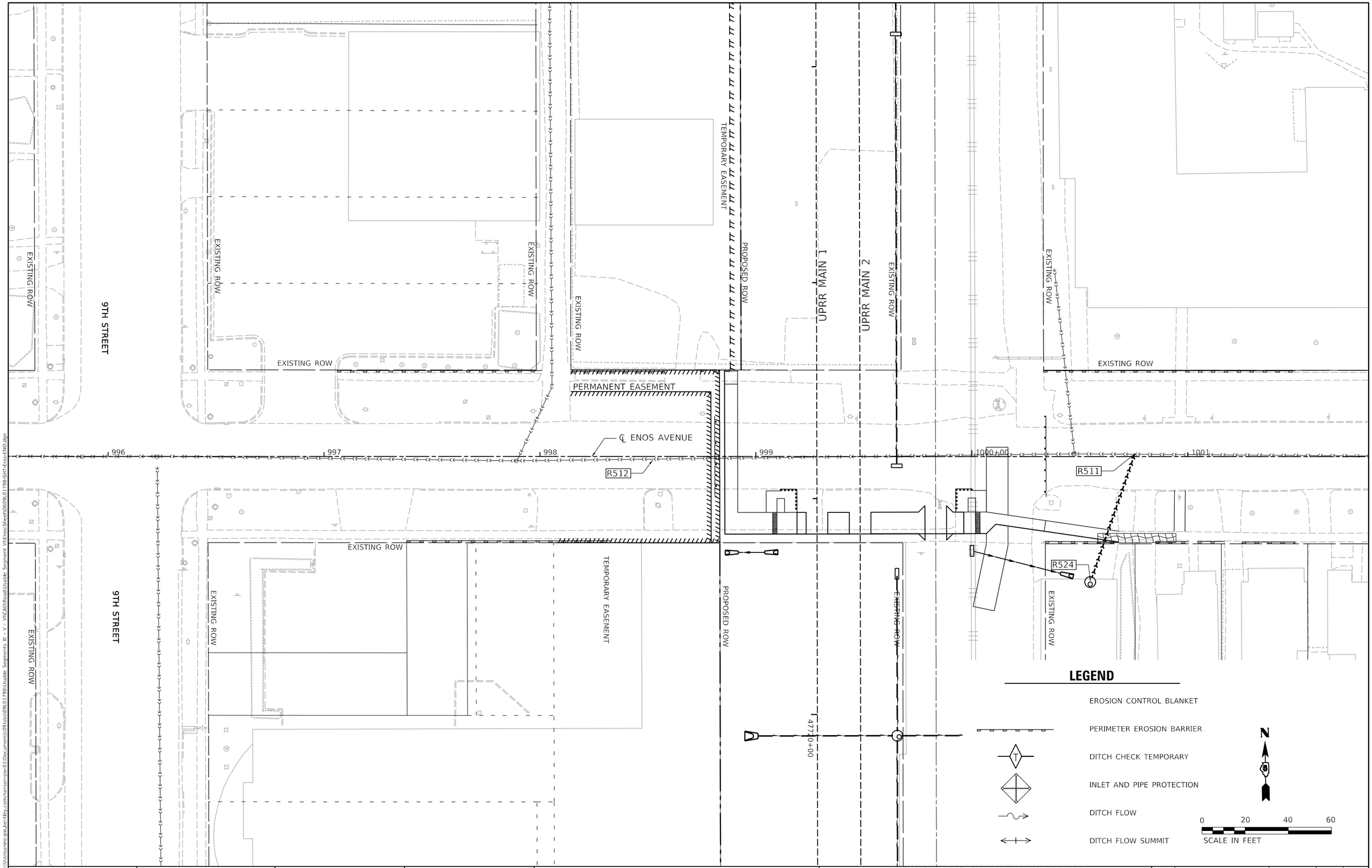
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – NORTH GRAND AVENUE OVERPASS – 5

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	279
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS	FED. AID PROJECT		



FINAL PLANS

MODEL: Sheet 1
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTOL PLANS – ENOS AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	280
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

LEGEND

- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- DITCH FLOW
- DITCH FLOW SUMMIT
- YYYY — PROPOSED SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES

SANGAMON AVENUE

MATCHLINE STATION 47367+00.00

POB Sta. 47628+04.35

47630+00

TS Sta. 47630+62.45

SC Sta. 47632+54.45
CURVE 182A_4

CS Sta. 47633+36.47
CURVE 182A_4

47635+00

ST Sta. 47633+28.47

0 40 80 120
SCALE IN FEET

MATCHLINE STATION 47367+00.00

EXISTING RR ROW

47640+00

EXISTING RR ROW

R456A

EXISTING RR ROW

UPRR MAIN 2

47645+00

UPRR MAIN 1

EXISTING RR ROW

MATCHLINE STATION 47648+00.00

0 40 80 120
SCALE IN FEET

FINAL PLANS

MODEL: Sheet 1
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – TRACK – 1

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	281
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

LEGEND

- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- DITCH FLOW
- DITCH FLOW SUMMIT
- YYYY — PROPOSED SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES

GRIFFITHS AVENUE

MATCHLINE STATION 47648+00.00

EXISTING RR ROW

UPRR MAIN 2

UPRR MAIN 1

47650+00

47655+00

R453 R460 R451 R457 R456 R452 R454 R455

FACTORY STREET

MATCHLINE STATION 47659+00.00

RIDGELY AVENUE

MATCHLINE STATION 47659+00.00

R450 R458

47660+00

47665+00

PROPOSED RR ROW

MATCHLINE STATION 47670+00.00

TS Sta. 47662+49.68

SC Sta. 47663+99.68

CURVE 183_4

0 40 80 120

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 2
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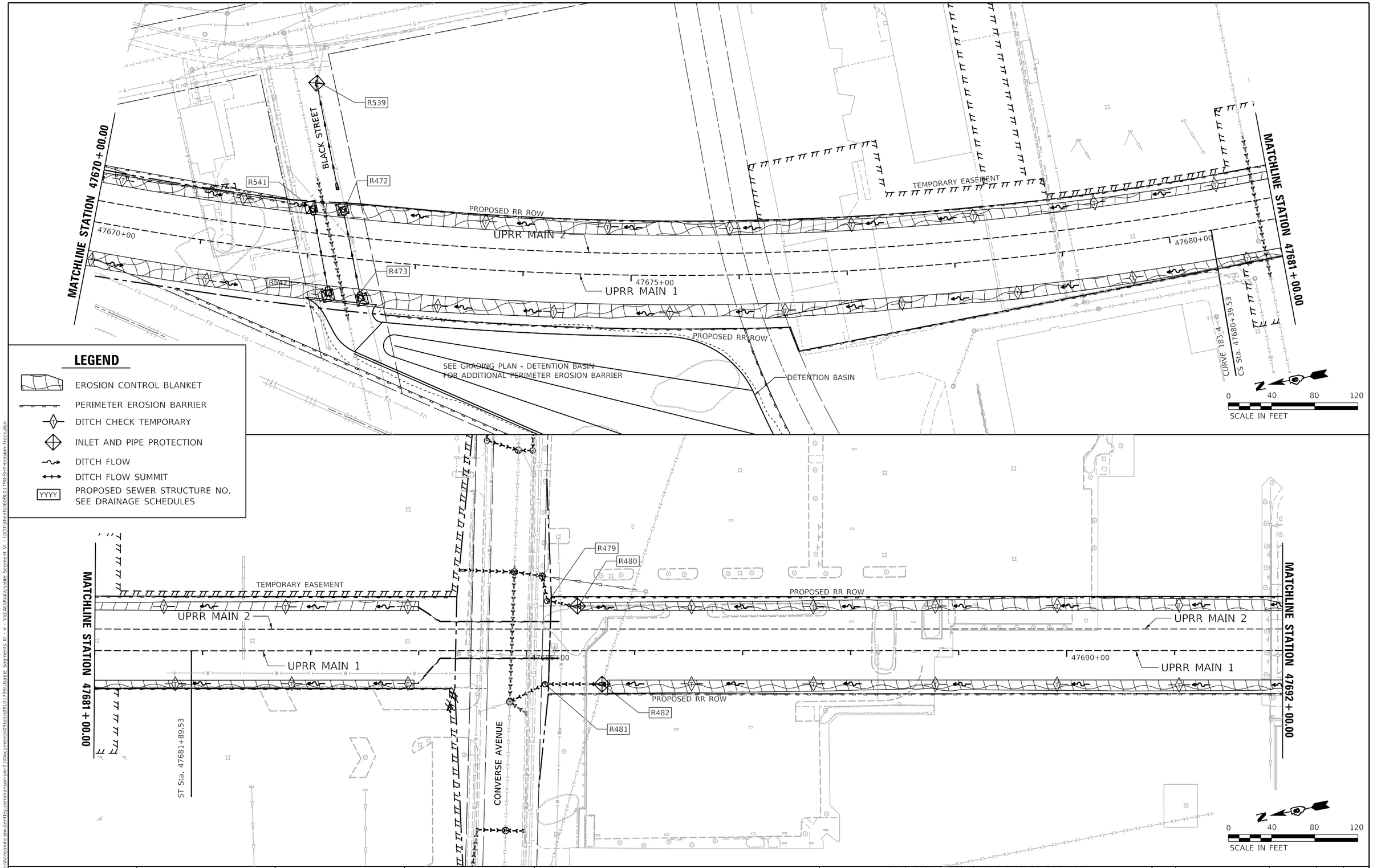
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – TRACK – 2

SCALE: | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	282
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



LEGEND

- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- DITCH FLOW
- DITCH FLOW SUMMIT
- YYYY — PROPOSED SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES

FINAL PLANS

MODEL: Sheet 3
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – TRACK – 3

SCALE: | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	283
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS	FED. AID PROJECT		

LEGEND

- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- DITCH FLOW
- DITCH FLOW SUMMIT
- YYYY — PROPOSED SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES

MATCHLINE STATION 47692+00.00

MATCHLINE STATION 47703+00.00

MATCHLINE STATION 47714+00.00

PROPOSED RR ROW

UPRR MAIN 1

UPRR MAIN 2

EX NSRR MAIN 1

TEMPORARY EASEMENT

SEE GRADING PLAN - DETENTION BASIN FOR ADDITIONAL PERIMETER EROSION BARRIER

ALLEY

NORTH GRAND AVENUE

RESERVOIR STREET

DIVISION STREET

ENTERPRISE STREET

PHILLIPS AVE

47695+00

47700+00

47705+00

47710+00

TS Sta. 47699+50.26

SC Sta. 47700+63.26
CURVE 1848

CS Sta. 47703+13.24
CURVE 1848

ST Sta. 47704+68.24

TS Sta. 47709+68.24

SC Sta. 47711+31.24
CURVE 1848

CS Sta. 47713+31.48
CURVE 1848

N17 N18 N19 N20

R484 R485 R486 R487 R488 R490 R491 R492 R494 R496 R497 R537 R538 R3050

R495 R497 R498 R499 R500 R501 R502 R504 R505 R506 R533 R534 R535

0 40 80 120
SCALE IN FEET

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – TRACK – 4

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	284
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

FINAL PLANS

MODEL: Sheet 4
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LEGEND

- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- DITCH FLOW
- DITCH FLOW SUMMIT
- YYYY — PROPOSED SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES

MATCHLINE STATION 47714+00.00

MATCHLINE STATION 47725+00.00

EX NSRR MAIN 1

UPRR MAIN 2

UPRR MAIN 1

47715+00

47720+00

ST Sta. 47714+79.48

R507 R508 R509 R510 R511 R512 R517 R518 R521 R522 R523 R524 R525 R527 R528 R529

ENOS AVENUE

MILLER STREET

0 40 80 120

SCALE IN FEET

MATCHLINE STATION 47725+00.00

MATCHLINE STATION 47736+00.00

EX NSRR MAIN 1

UPRR MAIN 2

UPRR MAIN 1

47725+00

47730+00

47735+00

R528 R529 R531

PROPOSED RR ROW

REYNOLDS STREET

MASON STREET

CARPENTER STREET

TS Sta. 47728+85.33

SC Sta. 47729+17.33

CURVE 184C

CS Sta. 47733+21.11

CURVE 184C

ST Sta. 47733+83.11

0 40 80 120

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 5
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – TRACK – 5

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	285
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

MATCHLINE GAP FROM STA. 47736+00.00 TO STA. 47763.+00.00

MATCHLINE GAP FROM STA. 47773+00.00 TO STA. 47857+00.00

PROPOSED RR ROW

EX NSRR MAIN 1

UPRR MAIN 2

UPRR MAIN 1

47765+00

47770+00

EXISTING RR ROW

JACKSON ST

EDWARDS ST

COOK ST

ILES AVE

BURTON ST

ALLEY

EX NSRR TRACK 1

EX NSRR MAIN 2

MATCHLINE STATION 47857+00.00

MATCHLINE STATION 47868+00.00

47860+00

47865+00

TS Sta. 47864+50.75

SC Sta. 47866+46.75

CURVE 1874

4TH STREET

0 40 80 120

SCALE IN FEET

LEGEND

- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- DITCH FLOW
- DITCH FLOW SUMMIT
- YYYY — PROPOSED SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES

FINAL PLANS

MODEL: Sheet 11
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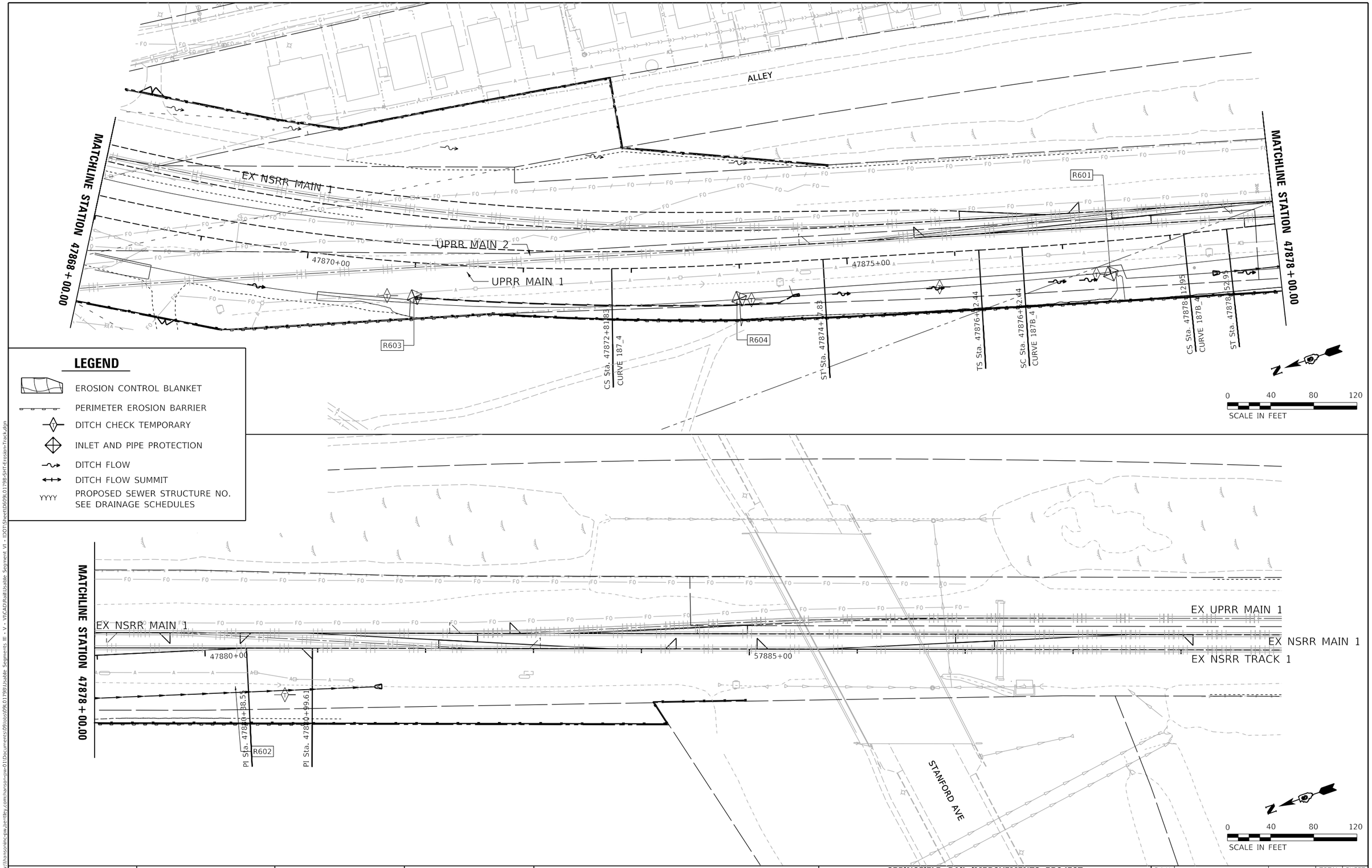
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – TRACK – 6

SCALE: | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	286
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



LEGEND

- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- DITCH FLOW
- DITCH FLOW SUMMIT
- YYYY PROPOSED SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES

FINAL PLANS

MODEL: Sheet 12
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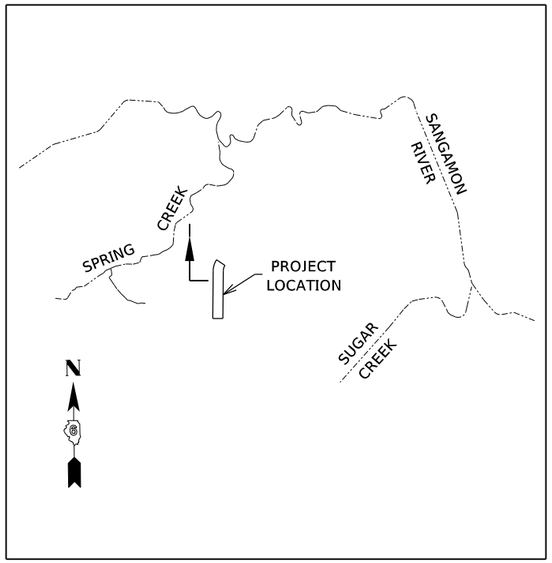
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL PLANS – TRACK – 7

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

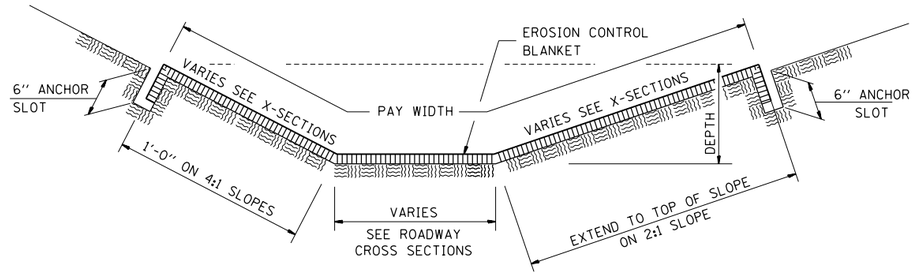
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	287
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



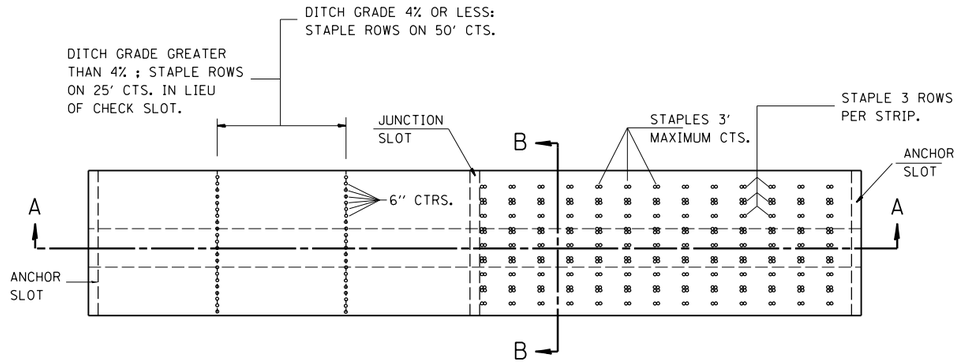
STORM WATER DISCHARGE SCHEMATIC

INTENDED SEQUENCE

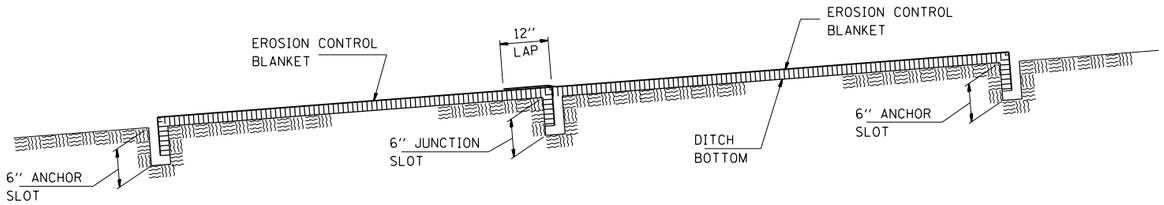
1. PLACEMENT OF THE PERIMETER EROSION BARRIER PRIOR TO ANY COMMENCEMENT OF OTHER WORK. SEE STANDARD 280001.
2. PLACEMENT OF INLET AND PIPE PROTECTION ON EXISTING STRUCTURES PRIOR TO COMMENCEMENT OF ANY WORK. PLACEMENT OF INLET AND PIPE PROTECTION AFTER CONSTRUCTION OF PROPOSED STRUCTURES. SEE STANDARD 280001
3. PLACEMENT OF TEMPORARY SEEDING ON GRADED SURFACES NOT HAVING PERMANENT SEEDING APPLIED.
4. PLACEMENT OF EROSION CONTROL BLANKET AFTER FINAL GRADING OF AREAS REQUIRING SUCH PROTECTION.
5. ONGOING MAINTENANCE OF EROSION CONTROL ELEMENTS PER SWPPP AND CITY OF SPRINGFIELDS EROSION CONTROL ORDINANCE.
6. REMOVE TEMPORARY EROSION CONTROL ELEMENTS AFTER FINAL GRADING AND PERMANENT SEEDING IS ESTABLISHED AS PER THE SWPPP AND APPROVED BY THE ENGINEER.



EROSION CONTROL BLANKET
SECTION B–B



PLAN VIEW & STAPLING LAYOUT FOR EROSION CONTROL BLANKET PLACEMENT IN DITCH



EROSION CONTROL BLANKET
SECTION A–A

FINAL PLANS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
EROSION CONTROL DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	288
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

PROP. CURVE C_AL1301P_10
PI STA. = 53+18.65
Δ = 73° 40' 44" (RT)
D = 66° 37' 23"
R = 86.00'
T = 64.43'
L = 110.59'
E = 21.46'
P.C. STA. = 52+54.22
P.T. STA. = 53+64.81

PCC SIDEWALK
5.00'
1.5%
10.00'
SHARED USE PATH
R 45.00'
EXISTING ROW
PT Sta 53+64.81
11.5" HMA PVMT.
MILL AND OVERLAY
MATCH EXISTING ROBIN ROBERTS ROAD
+17.37
CONTINUE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18, TO STA. 56+10.64. SEE NORTH GRAND AVENUE PLAN AND PROFILE SHEETS.
R 85.00'
R 32.00'
R 17.50'
16.50'
12.00'
13.00'
11.00'
PC Sta 52+54.22
PC Sta 989+85.02
989+00.00
990+00.00
SHARED USE PATH
ONLY
ONLY
STA. 989+25.00 NORTH GRAND AVE=
STA. 52+28.34 13TH STREET
90°0'0"
PROPOSED ROW
EXISTING ROW
R 40.00'
TRANSITION FROM TYPE B GUTTER TO CURB AND GUTTER TYPE B-6.18 IN 5 FT.
6" HMA PVMT.
11.5" HMA PVMT.
R 30.00'
TRANSITION FROM TYPE B GUTTER TO CURB AND GUTTER TYPE B-6.18 IN 5 FT.
SEE 13TH STREET PLAN AND PROFILE SHEETS
℄ PROPOSED NORTH GRAND AVE.

N

0 10 20 30
SCALE IN FEET

NORTH GRAND AVENUE / 13TH STREET INTERSECTION POINT TABLE				
POINT	STATION	OFFSET	ELEVATION	DESCRIPTION
1	998+68.36	24.00' LT	605.95	RAD PT
2	988+73.36	24.28' LT	606.00	EOP
3	989+04.73	42.50' LT	606.25	EOP
4	989+10.23	52.50' LT	606.12	EOP
5	989+12.31	59.34' LT	606.14	RAD PT
6	988+68.36	42.50' LT	606.38	SW
7	988+73.36	42.50' LT	606.41	SW
8	988+68.36	52.50' LT	606.53	SW
9	988+73.36	52.50' LT	606.56	SW
10	988+68.36	56.61' LT	606.49	SW
11	988+73.36	56.61' LT	606.52	SW
12	988+84.58	36.00' LT	608.3	RAD PT
13	989+70.97	42.50' LT	607.67	EOP
14	NOT USED			
15	989+66.55	52.50' LT	607.27	EOP
16	989+89.34	90.22' LT	605.35	RAD PT
17	988+68.36	24.00' RT	605.95	EOP
18	988+73.36	24.00' RT	606.00	EOP
19	988+75.00	24.00' RT	606.01	RAD PT
20	989+15.00	64.00' RT	606.20	RAD PT
21	988+68.36	28.98' RT	606.02	SW
22	988+73.36	28.98' RT	606.07	SW
23	988+76.01	33.98' RT	606.21	SW
24	989+03.48	76.04' RT	606.41	SW
25	989+08.09	77.99' RT	606.34	SW
26	989+35.00	54.00' RT	606.33	RAD PT
27	989+65.00	24.00' RT	607.91	RAD PT
28	988+68.36	69.00' LT	N/A	RAD CTR
29	989+84.48	53.50' LT	N/A	RAD CTR
30	989+99.01	59.36'LT	N/A	RAD CTR
31	988+75.00	64.00' RT	N/A	RAD CTR
32	989+65.00	54.00' RT	N/A	RAD CTR
33	989+96.05	41.00'LT	N/A	RAD CTR
34	989+95.00	36.00' LT	608.7	EOP
35	990+50.00	36.00' LT	611.18	EOP
36	989+83.77	42.50' LT	608.75	TURN LN
37	989+83.77	52.50' LT	608.6	TURN LN
38	989+42.50	34.16' RT	606.87	EOP
39	989+81.77	42.50' LT	608.6	SW
40	989+81.77	52.50' LT	608.45	SW
41	989+08.50	42.14' LT	606.31	EOP
42	988+73.36	33.98' RT	606.15	SW
43	988+68.36	33.98' RT	606.1	SW
44	988+58.36	28.98' RT	606.27	SW
45	988+58.36	33.98' RT	606.35	SW
46	988+83.37	34.90' RT	606.4	SW
47	988+84.60	30.05' RT	606.33	SW
48	988+68.36	36.08' LT	606.28	SW
49	988+68.36	34.08' LT	606.23	SW
50	988+73.36	36.08' LT	606.36	SW
51	988+73.36	34.08' LT	606.31	SW
52	988+92.12	52.50' LT	606.39	SW
53	988+94.12	52.50' LT	606.36	SW
54	988+92.12	42.50' LT	606.54	SW
55	988+94.12	42.50' LT	606.51	SW

FINAL PLANS

MODEL: Sheet 1
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
INTERSECTION DETAIL – NORTH GRAND AVE./13TH STREET
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	289
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			

TURNAROUND CONTROL POINTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1147163.3	2445212.97	606.76	
2	1147181.84	2445205.47	-	
3	1147170.42	2445221.89	606.61	
4	1147181.26	2445225.46	606.37	
5	1147180.39	2445255.45	-	
6	1147208.2	2445244.2	605.79	
7	1147201.86	2445276.4	605.92	
8	1147216.18	2445290.37	-	
9	1147196.55	2445286.5	606.05	
10	1147197.64	2445297.87	606.09	

TURNAROUND CONTROL POINTS			
POINT	NORTHING	EASTING	ELEVATION
11	1147225.01	2445410.18	MATCH EXISTING
12	1147225.18	2445420.18	MATCH EXISTING
13	1147235.36	2445430.00	MATCH EXISTING
14	1147201.51	2445410.60	MATCH EXISTING
15	1147201.69	2445420.60	MATCH EXISTING
16	1147191.87	2445430.78	MATCH EXISTING

℄ PROPOSED NORTH GRAND AVENUE

992

PROPOSED ROW

PROPOSED ROW

EXISTING ROW

R=20'

R=30'

R=20'

EXISTING RR ROW

12" SUBBALLAST

EXISTING NSRR

EXISTING RR ROW

N

0 10 20 30

SCALE IN FEET

PC Sta 201+35.71

12.00'

12.00'

24.00'

120'

SEE PLAN SHEET - I&M ACCESS ROAD

PT Sta 200+94.12

PC Sta 200+54.12

EXISTING ROW

19TH STREET

11.00'

24.00'

11.00'

POT Sta 200+00.00

200+00

COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (DEPRESSED)

PCC DRIVEWAY PAVEMENT, 8"

EXISTING ROW

19TH STREET

N

0 10 20 30

SCALE IN FEET

FINAL PLANS

MODEL: Sheet 1
FILE NAME: pw:\\hansonllc-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L01798\Usable Segments III - V - VI\CAD\Road\Usable Segment VI\North Grand Overpass\Sheet\D609L0179B-NGA-Access_Turnaround-Details.dgn

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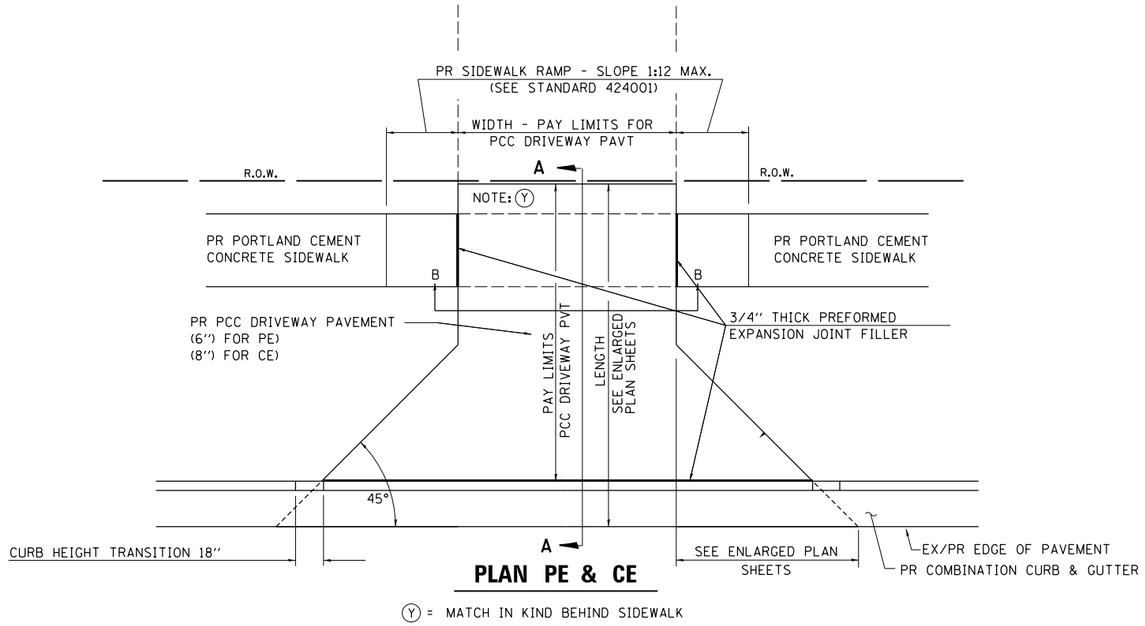
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TURNAROUND /19TH ENTRANCE DETAILS

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

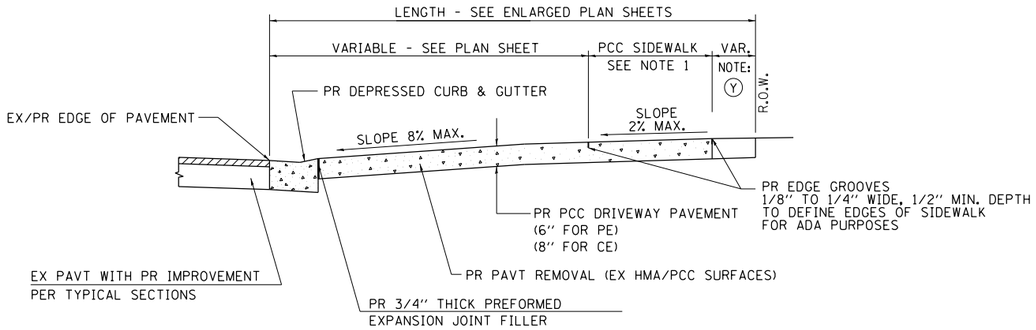
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	290
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



PLAN PE & CE

Y = MATCH IN KIND BEHIND SIDEWALK

ROADWAY	STATION	LT / RT
RIDGELY	47+84.94	LT
	49+04.78	LT
	49+07.73	RT
	49+70.31	RT
	49+99.55	LT
CONVERSE	36+46.58	LT
	36+74.96	RT
	37+43.10	RT
	38+44.11	LT
	38+45.73	RT
	40+95.00	LT
	40+89.79	RT
NORTH GRAND	983+68.44	RT
	984+07.59	RT
	984+81.13	RT
	985+20.86	RT
	1007+88.20	RT
	1008+27.92	LT
	1009+06.30	LT
	1010+25.80	LT
	1010+64.02	LT
	1010+79.48	LT
	1011+07.98	LT
	1011+57.27	LT
13TH	51+01.69	LT
19TH	SEE COORDINATES	



SECTION A–A

NOTES:

1. SEE ENLARGED PLAN SHEETS FOR LOCATION OF SIDEWALK
2. THE COST OF FURNISHING AND INSTALLING THE ¾" (19MM) PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF THE PCC DRIVEWAY PAVEMENT

FINAL PLANS

MODEL: Sheet 1
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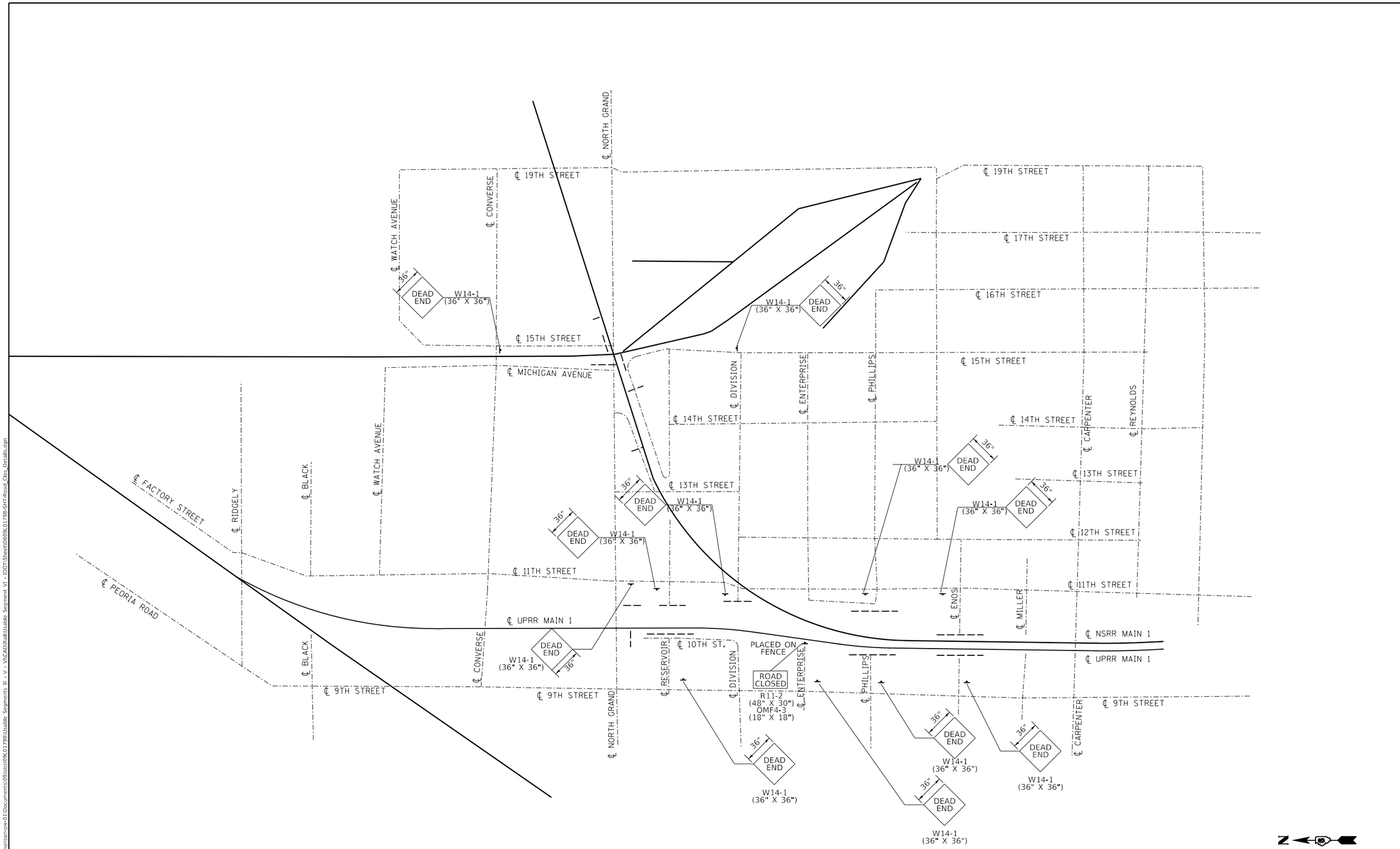
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENTRANCE DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	291
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



DEAD END WARNING SIGN LOCATION DETAIL

DESIGNATES LOCATIONS OF GUARDRAIL & ROAD CLOSED SIGNAGE - SEE ROAD CLOSURE DETAIL SHEET FOR MORE INFORMATION.

FINAL PLANS

MODEL: Sheet 1
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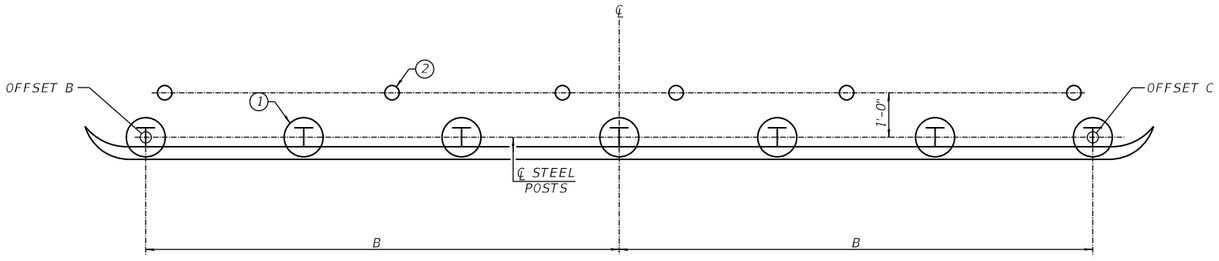
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ROADWAY CLOSURE DETAILS – 1

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	292
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



PLAN VIEW – STEEL PLATE BEAM GUARDRAIL LOCATION

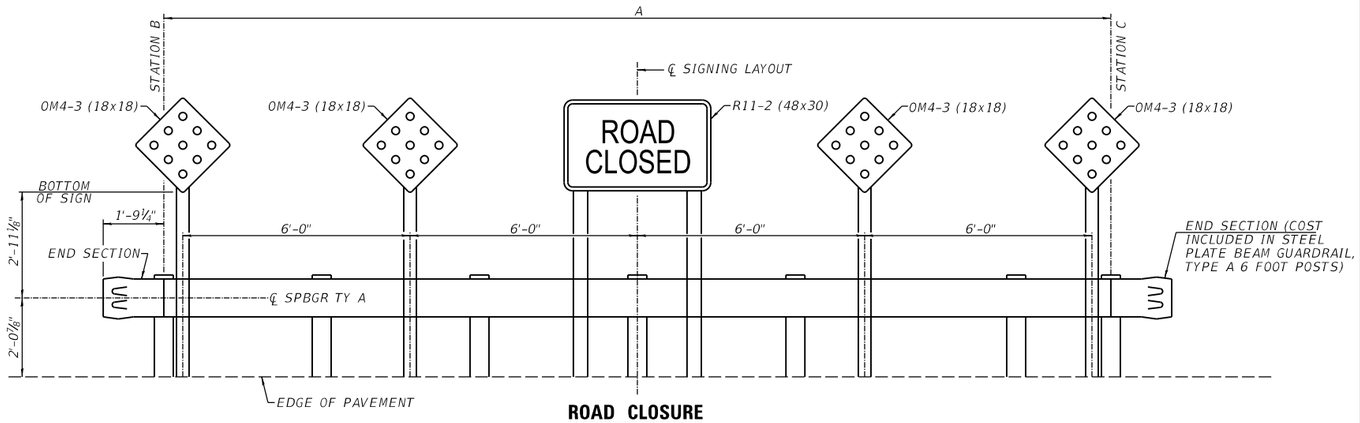
(FOR ROAD CLOSURE)

LOCATION WILL BE VERIFIED WITH FIELD ENGINEER PRIOR TO PLACEMENT

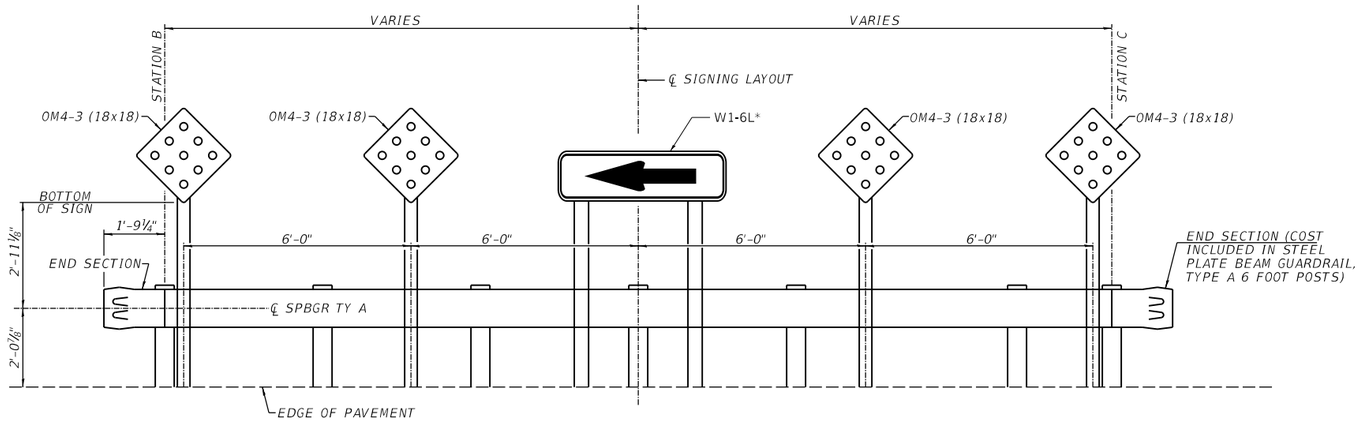
① CORE 12" DIAMETER HOLE IN EXISTING PAVEMENT FOR GUARDRAIL POSTS. BACKFILL WITH AGGREGATE AND BRING FLUSH WITH EXISTING PAVEMENT WITH 2" THICK HMA MIXTURE. COST INCLUDED IN CONTRACT PRICE FOR SPBGR TYPE A.

② CORE 6" DIAMETER HOLE IN EXISTING PAVEMENT FOR SIGN POSTS. BACKFILL WITH AGGREGATE AND BRING FLUSH WITH EXISTING PAVEMENT WITH 2" THICK HMA MIXTURE. COST INCLUDED IN COST OF SIGN PANEL ASSEMBLY.

LOCATION	A	B		C		ALIGNMENT REFERENCE
		STATION	OFFSET	STATION	OFFSET	
RESERVOIR ST.	25'-0"	47698+18.81	70.14' LT	47697+93.81	70.14' LT	UPRR
RESERVOIR ST.	25'-0"	47697+92.35	37.17' RT	47698+17.35	37.17' RT	UPRR
DIVISION ST.	25'-0"	47702+93.50	132.1' LT	47702+69.72	129.55' LT	UPRR
PHILLIPS ST.	25'-0"	47712+54.77	47.81' RT	47712+79.34	46.64' RT	UPRR
NS TURNAROUND	12'-6"	991+97.09	95.80' RT	992+01.13	111.26' RT	NORTH GRAND
ALLEY BEHIND CVS	12'-6"	47696+20.12	49.94' LT	47696+07.62	49.74' LT	UPRR
NORTH GRAND AT RR	62'-6"	998+14.80	150.16' LT	998+19.86	87.66' LT	NORTH GRAND
10TH ST. EAST OF CVS	25'-0"	47696+06.71	62.22' RT	47696+06.71	37.22' RT	UPRR



ROAD CLOSURE
ELEVATION VIEW



ROAD CLOSURE
ELEVATION VIEW
MICHIGAN AVE. AND NORTH GRAND AVENUE

** LINE P W1-6L WITH EASTBOUND LANE OF ROBIN ROBERTS ROAD*

FINAL PLANS

MODEL: Default
FILE NAME: pw:\\hansonline-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VII\CAD\Road\Usable Segment VII\Sheet\D609L0179B-sht-road closure details.dgn

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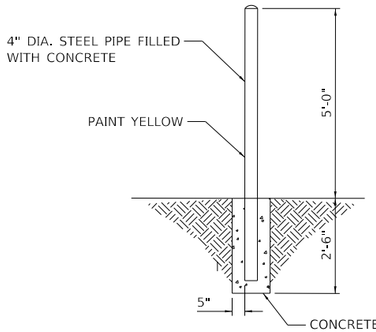
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ROADWAY CLOSURE DETAILS – 2

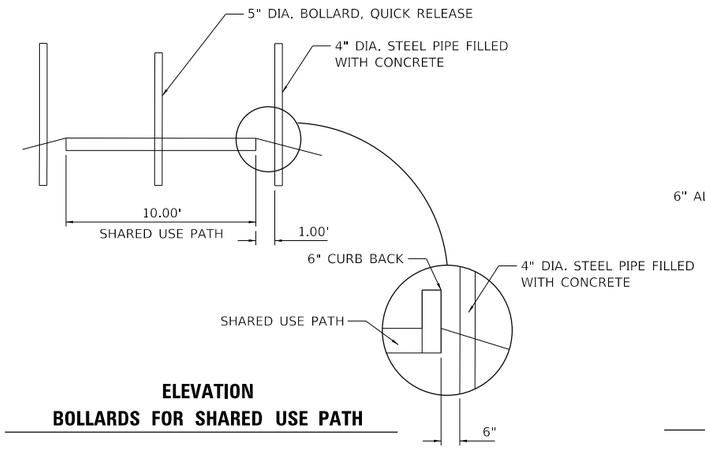
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	293
	09L0179B	CONTRACT NO.		93773
	ILLINOIS FED. AID PROJECT			

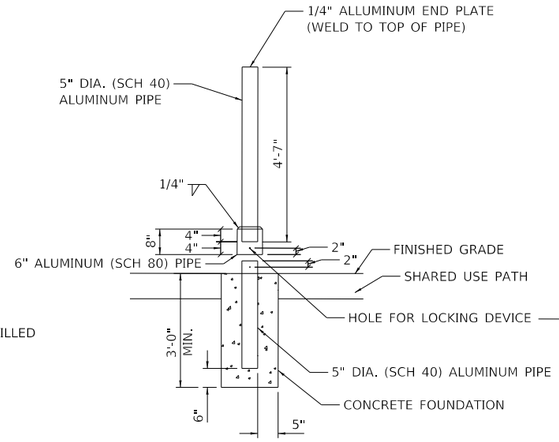


4" DIA. BOLLARD

ALL EXCAVATION, BACKFILL, CONCRETE AND PAINT
IS INCLUDED IN THE COST OF THE BOLLARD

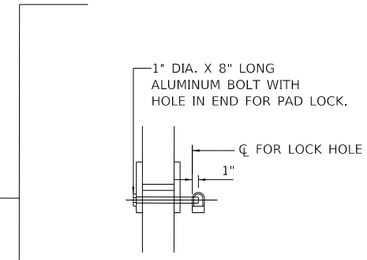


ELEVATION
BOLLARDS FOR SHARED USE PATH



5" DIA. BOLLARD, QUICK RELEASE

ALL EXCAVATION, BACKFILL, CONCRETE LOCKING DEVICE AND PAINT
IS INCLUDED IN THE COST OF THE BOLLARD, QUICK RELEASE.



LOCKING DEVICE

FINAL PLANS

MODEL: Sheet 1
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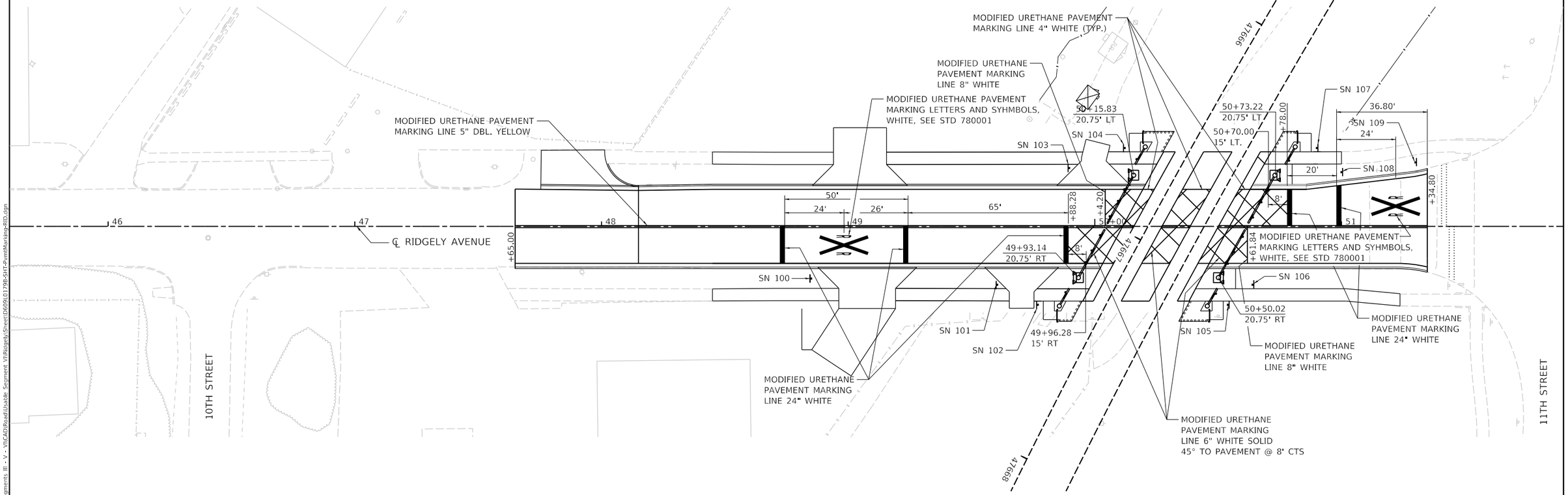
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
BOLLARD DETIALS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	294
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



NOTES:
W10-9 SHALL BE COVERED OR
TURNED FROM THE VIEW OF MOTORIST AND
PEDESTRIANS UNTIL QUIET ZONE IS IMPLEMENTED.

SN XXX SIGN REFERENCE #.
SEE SIGN SCHEDULE.

N

0 20 40 60
SCALE IN FEET

FINAL PLANS

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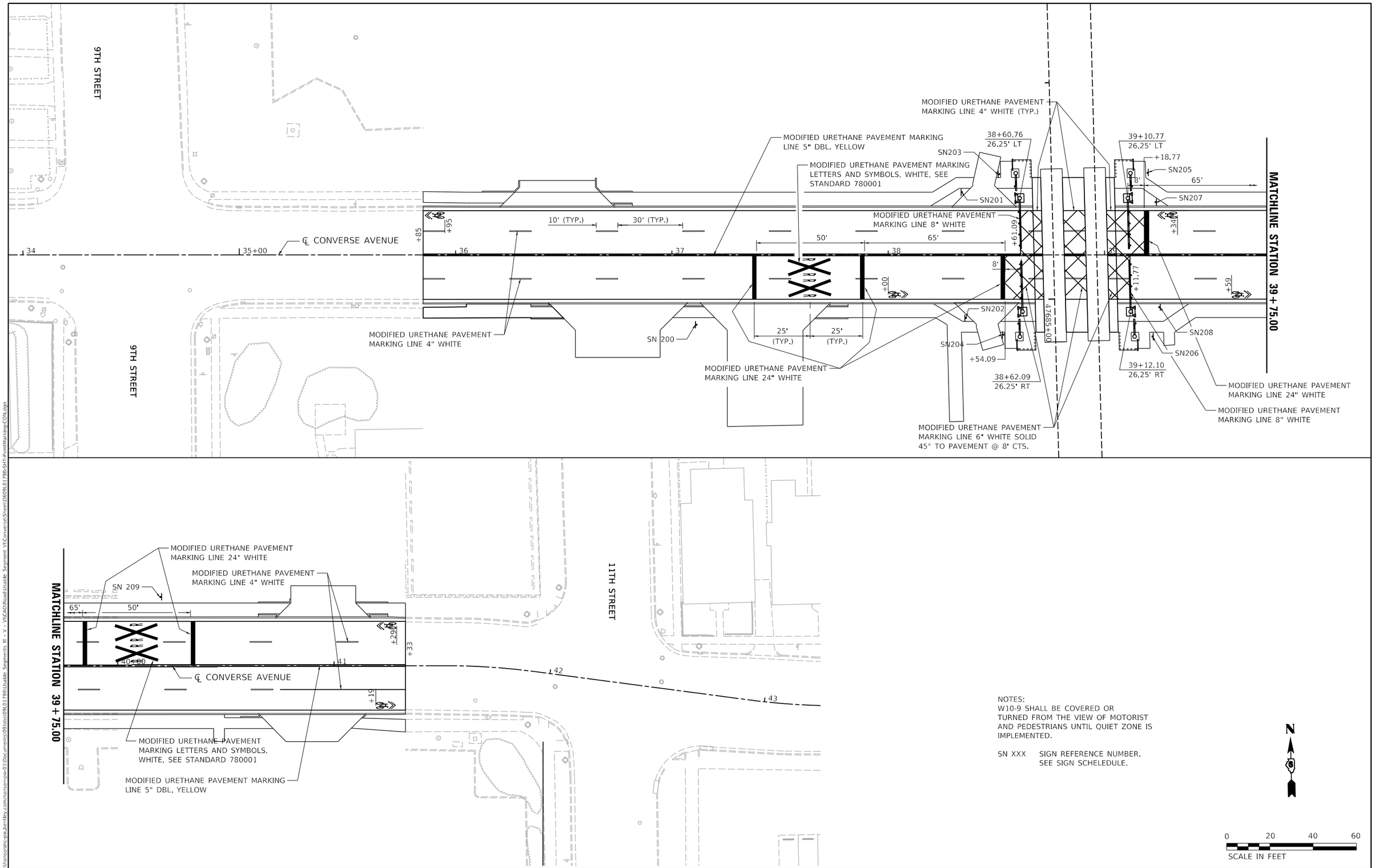
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PAVEMENT MARKING PLAN – RIDGELY AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	295
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



NOTES:
W10-9 SHALL BE COVERED OR TURNED FROM THE VIEW OF MOTORIST AND PEDESTRIANS UNTIL QUIET ZONE IS IMPLEMENTED.

SN XXX SIGN REFERENCE NUMBER. SEE SIGN SCHELEDULE.

N

0 20 40 60
SCALE IN FEET

FINAL PLANS

MODEL: Sheet 1
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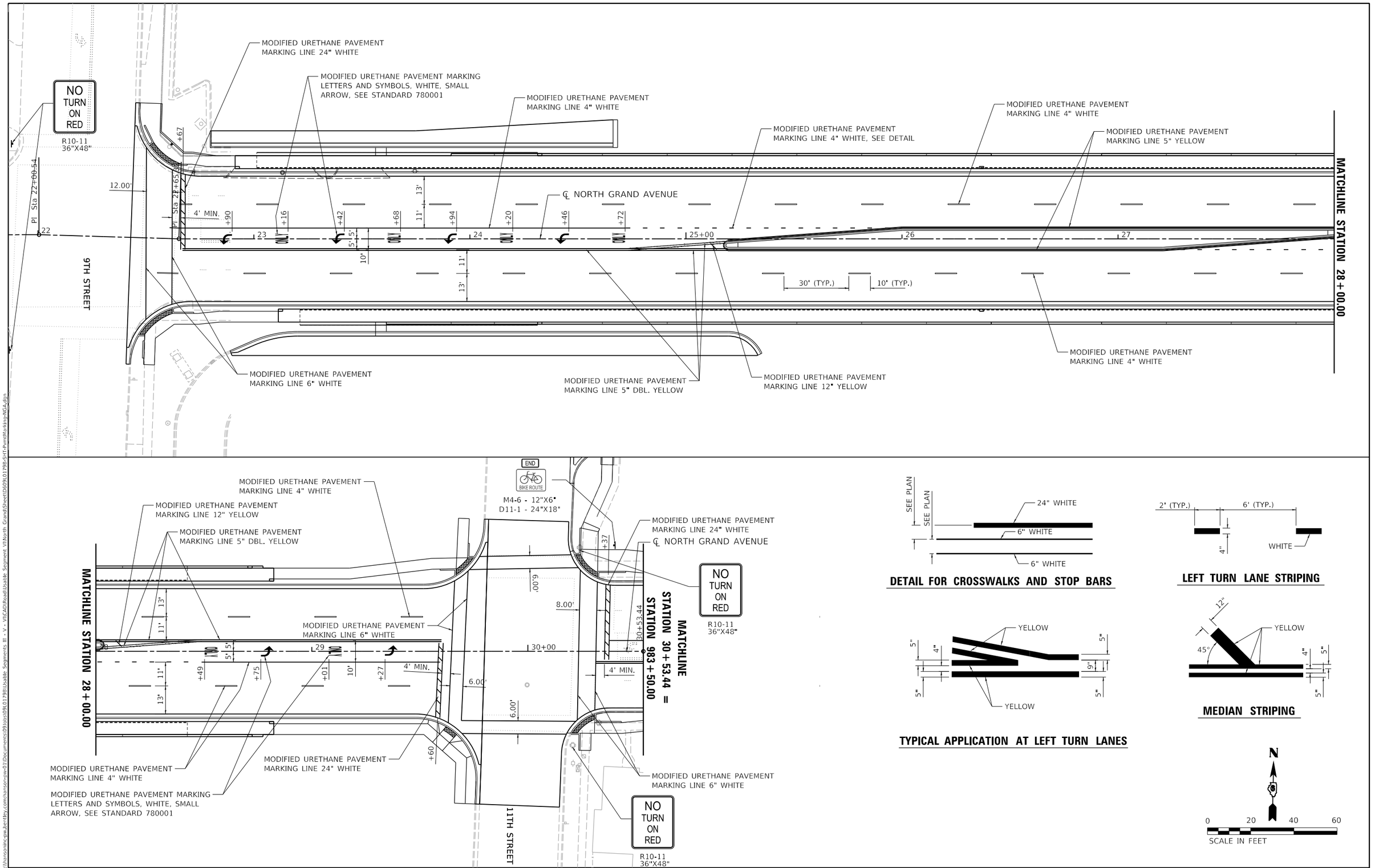
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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PAVEMENT MARKING PLAN – CONVERSE AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	296
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



FINAL PLANS

MODEL: Sheet 1
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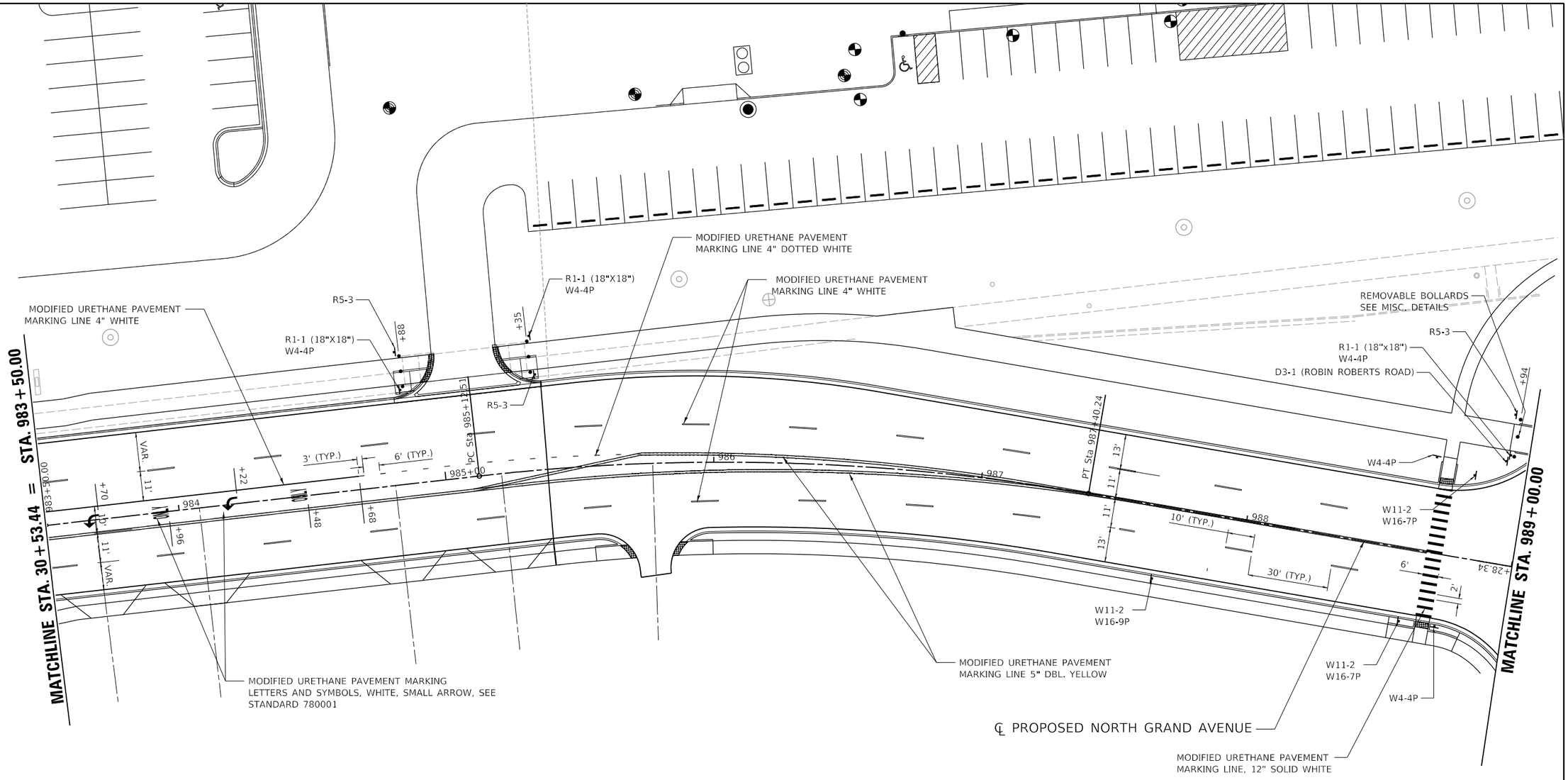
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

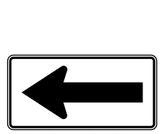
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PAVEMENT MARKING PLAN – NORTH GRAND AVENUE – UNDERPASS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	297
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



SIGN LEGEND


W1-6L - 48"X24"



R1-1 - 30"X30"
18"X18" ON SHARED USE PATH



W4-4P - 24"X12"
W16-9P - 24"X12"


W11-2 - 36"X36"
W16-7P - 24"X12"



W11-2 - 36"X36"
W16-9P - 24"X12"



R2-1 - 30"X36"



R7-1 - 12"X18"



R9-5B - 12"X18"



R3-5R - 30"X36"



W1-11 - 30"X30"
W13-1P - 18"X18"



W1-1L - 30"X30"
W13-1P - 18"X18"



R3-7 - 36"X36"



R3-8 - VARIES X 36"



D3-1



R5-3 - 24"X24"



M4-6 - 12"X6"
D11-1 - 24"X18"





0 20 40 60
SCALE IN FEET

FINAL PLANS

MODEL: Sheet 1
FILE NAME: pw:\\hansonInc-pw.laenley.com:hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - VII\CAD\Road\Usable Segment VII\North Grand Overpass\Sheet\C_09L0179B-NGA-PavementMarking.dgn

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PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PAVEMENT MARKING PLAN – NORTH GRAND AVENUE – OVERPASS – 1
SCALE: | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	298
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS	FED. AID PROJECT		

MODIFIED URETHANE PAVEMENT MARKING LINE 24" WHITE

MODIFIED URETHANE PAVEMENT MARKING LINE 12" WHITE

MODIFIED URETHANE PAVEMENT MARKING LINE 5" DBL. YELLOW

℄ PROPOSED ROBIN ROBERTS ROAD

62'

4 SPACES @ 24' = 96'

60'

MODIFIED URETHANE PAVEMENT MARKING LINE 4" WHITE

R7-1

R1-1

PT Sta 55+64.81

54

55+00

56

57

58

24' (TYP.)

9'

10'

MODIFIED URETHANE PAVEMENT MARKING LINE 6" WHITE @ 5' CENTERS

16 SPACES @ 24' = 384'

REMOVABLE BOLLARDS SEE MISC. DETAILS

10'

9.5'

MODIFIED URETHANE PAVEMENT MARKING LINE 6" WHITE @ 5' CENTERS

MODIFIED URETHANE PAVEMENT MARKING LINE 6" WHITE

MATCHLINE STA. 989+00.00

4' MIN.

53

+81

R1-1 (18"x18")
W4-4P

MODIFIED URETHANE PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE, SMALL ARROW, SEE STANDARD 780001

MODIFIED URETHANE PAVEMENT MARKING LINE 4" WHITE

10'

2'

PC Sta 52+

R5-3

R3-5R

W4-4P
W16-9P

MODIFIED URETHANE PAVEMENT MARKING LINE 4" DOTTED WHITE

W1-11
W13-1P

+82

+86

PC Sta 989+85.62

+11

12'

+37

13'

+63

11'

+89

+03.40

3' (TYP.)

6' (TYP.)

W11-2
W16-9P

+23.40

PRC Sta 994+36.13

10' (TYP.)

30' (TYP.)

994

993

992

991

990+00

PCT Sta 52+

52

D3-1 (13TH STREET)

+73

R1-1

MODIFIED URETHANE PAVEMENT MARKING LINE 24" WHITE

48'

51

℄ PROPOSED 13TH STREET

MODIFIED URETHANE PAVEMENT MARKING LINE 5" DBL. YELLOW

MODIFIED URETHANE PAVEMENT MARKING LINE 4" WHITE

MODIFIED URETHANE PAVEMENT MARKING LINE 5" DBL. YELLOW

+40.00

HMA PAVEMENT

PCC PAVEMENT

℄ PROPOSED NORTH GRAND AVENUE

MODIFIED URETHANE PAVEMENT MARKING LINE 5" DBL. YELLOW

MATCHLINE STA. 995+00.00

N

0 20 40 60

SCALE IN FEET

NOTES:

SEE PAVEMENT MARKINGS SHEET 1 OF 5 FOR SIGN LEGEND

FINAL PLANS

MODEL: Sheet 2
FILE NAME: pw:\\hansonims-pw.bentley.com:hanson-pw-01\Documents\09Jobs\09L0179B\US-Nbl Segments III - V - VI\CADD\Road\Usable Segment VI\North Grand Overpass\Sheet\C_09L0179B-NGA-PavementMarking.dgn

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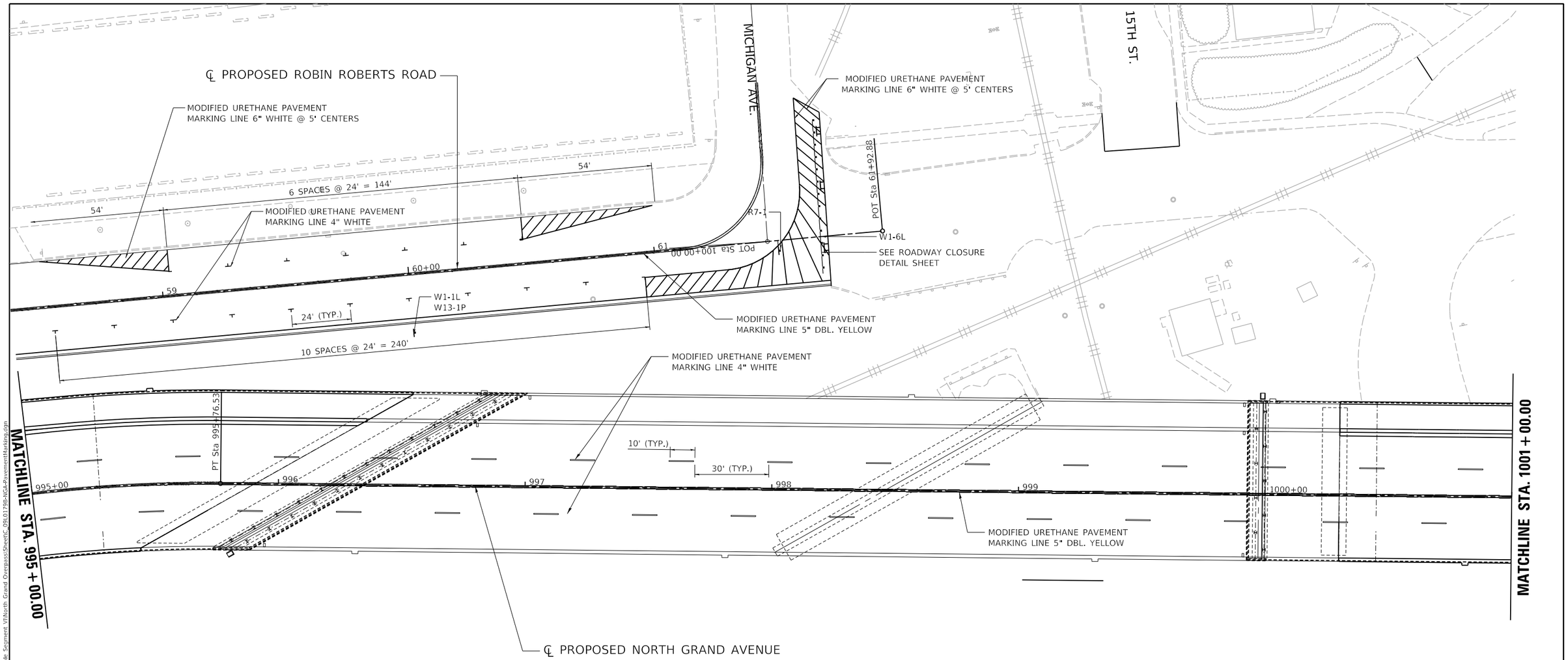
USER NAME = pop00275	DESIGNED - DJP	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 40.00 ' / in.	CHECKED - DJP	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PAVEMENT MARKING PLAN – NORTH GRAND AVENUE – OVERPASS – 2

SCALE: | SHEET 2 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	299
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			



N

0 20 40 60

SCALE IN FEET

NOTES:

SEE PAVEMENT MARKINGS SHEET 1 OF 5 FOR SIGN LEGEND

FINAL PLANS

MODEL: Sheet 3
FILE NAME: pw:\\hansonims-pw.bentley.com:hanson-pw-011\Documents\09Jobs\09L0179B\Usable Segments III - V - VI\CAD\Road\Usable Segment VI\North Grand Overpass\Sheet\C_09L0179B-NGA-PavementMarking.dgn

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USER NAME = pop00275	DESIGNED - DJP	REVISED -	
	DRAWN - DJP	REVISED -	
PLOT SCALE = 40.00 ' / in.	CHECKED - DJP	REVISED -	
PLOT DATE = 9/27/2024	DATE - 10/01/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PAVEMENT MARKING PLAN – NORTH GRAND AVENUE – OVERPASS – 3

SCALE: | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7972	20-00492-00-BR & 22-00492-01-BR	SANGAMON	714	300
	09L0179B	CONTRACT NO. 93773		
	ILLINOIS FED. AID PROJECT			