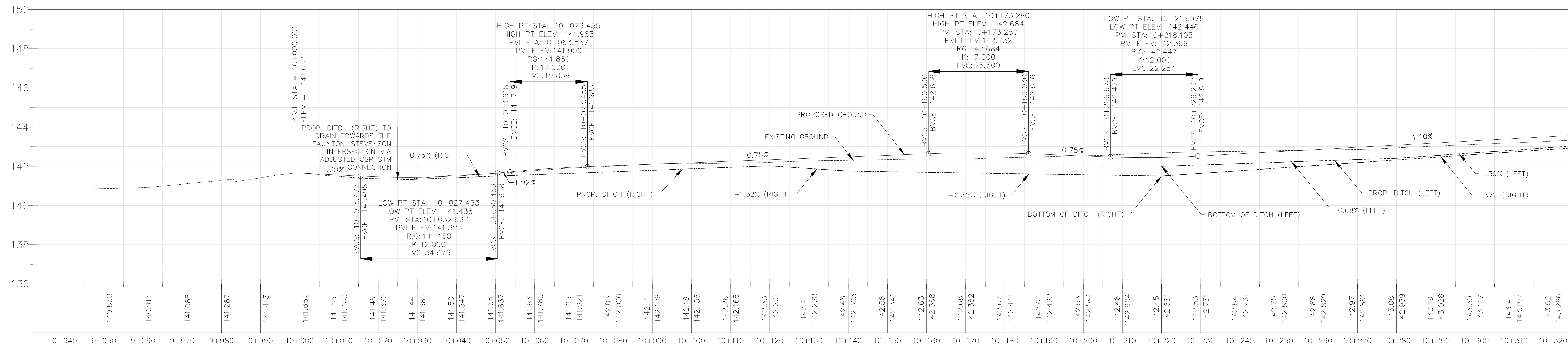
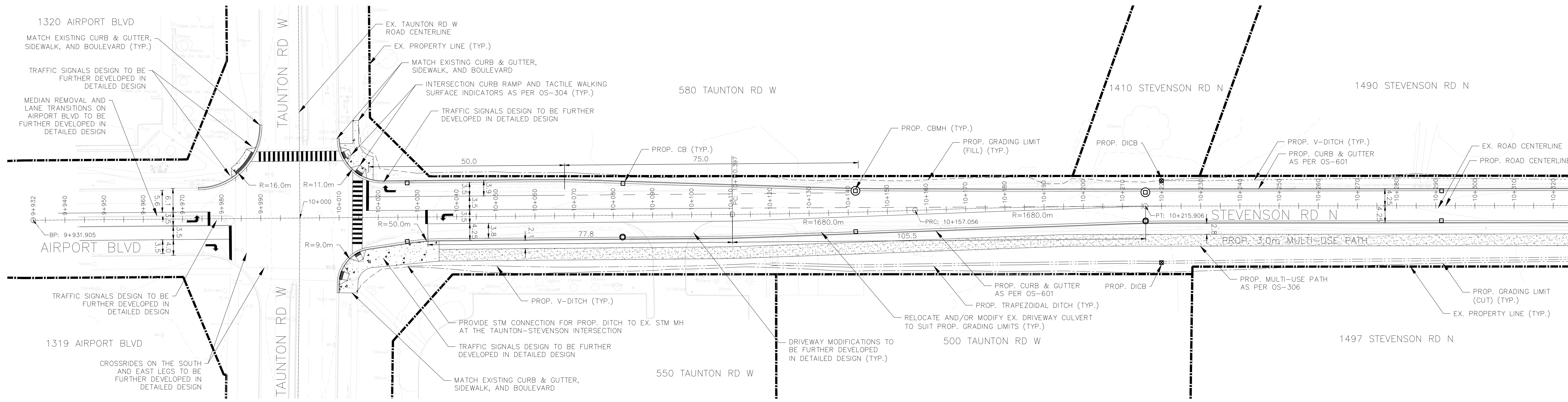
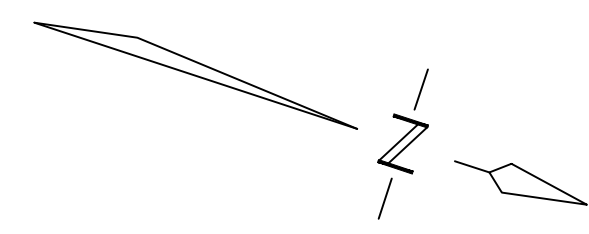
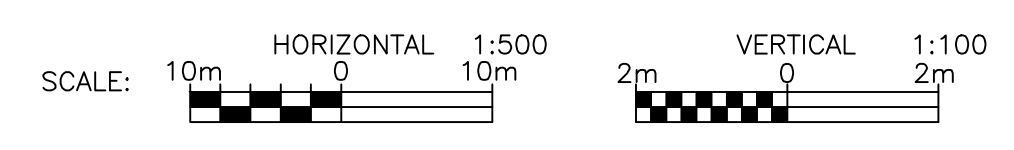


LEGEND

- PROPOSED ROAD CENTERLINE
- PROPOSED DITCH (LEFT/WEST)
- PROPOSED DITCH (RIGHT/EAST)
- ▨ PROPOSED CONCRETE SIDEWALK
- ▨ PROPOSED ASPHALT MULTI-USE PATH
- PROPOSED STEEL BEAM GUIDERAIL
- PROPOSED GRADING LIMIT (CUT)
- PROPOSED GRADING LIMIT (FILL)



MATCHLINE - STA.10+325

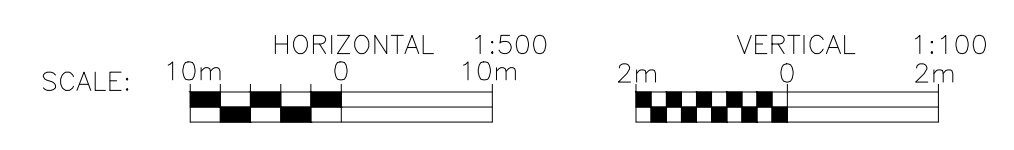
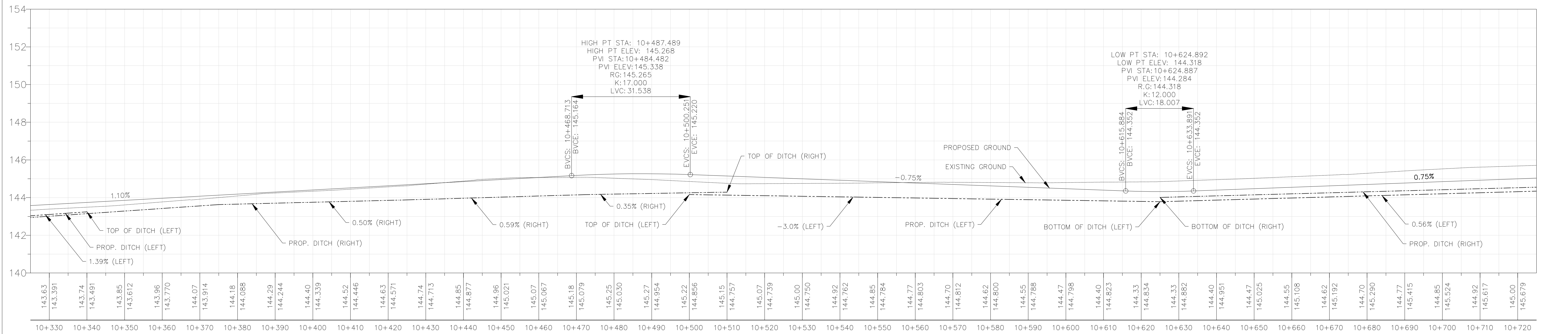
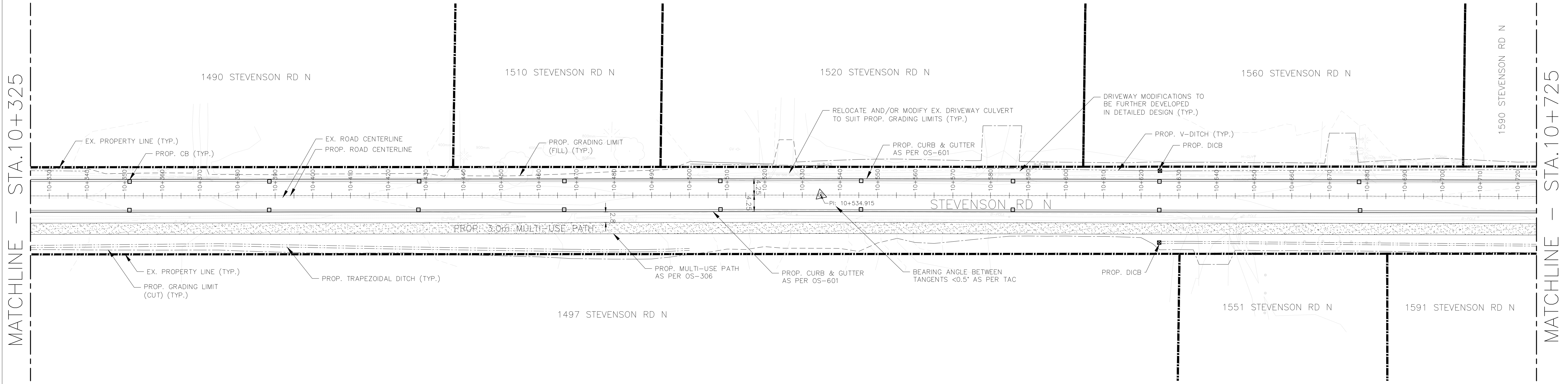
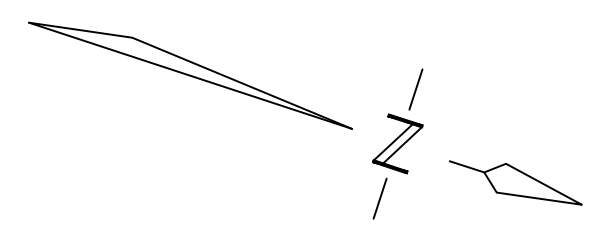


NEW CONSTRUCTION PLAN & PROFILE
SHEET 1 OF 6
2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

LEGEND

- PROPOSED ROAD CENTERLINE
- PROPOSED DITCH (LEFT/WEST)
- PROPOSED DITCH (RIGHT/EAST)
- ▨ PROPOSED CONCRETE SIDEWALK
- ▨ PROPOSED ASPHALT MULTI-USE PATH
- PROPOSED STEEL BEAM GUIDERAIL
- PROPOSED GRADING LIMIT (CUT)
- PROPOSED GRADING LIMIT (FILL)

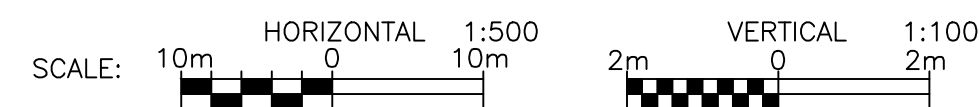
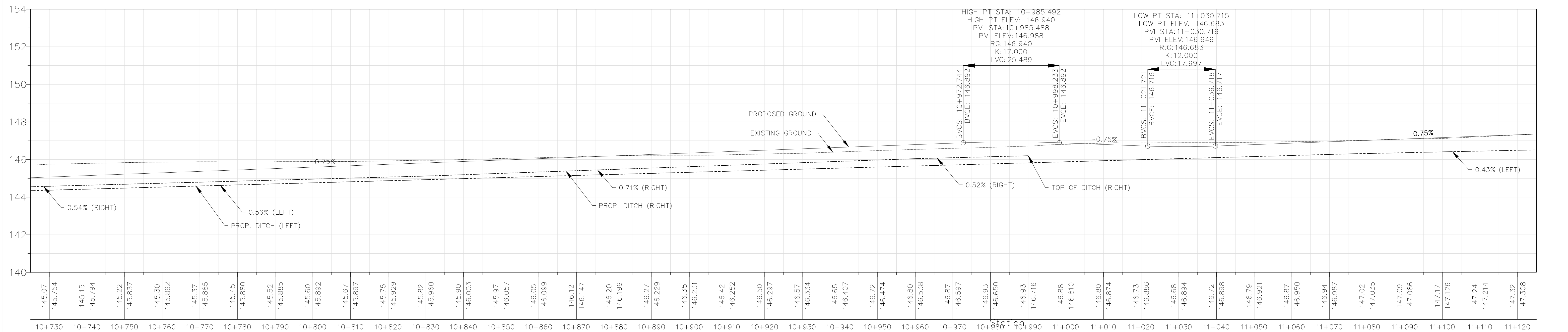
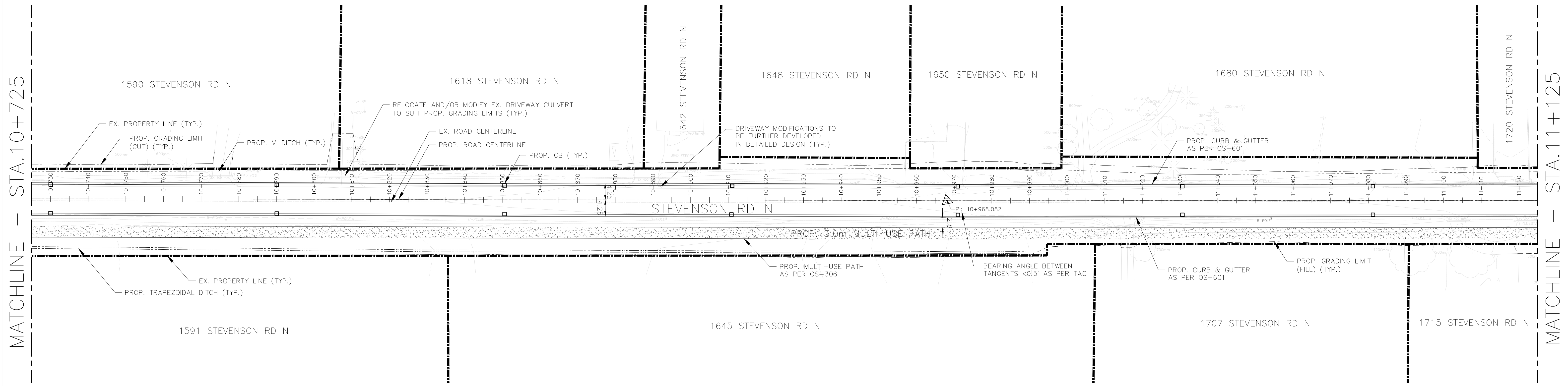
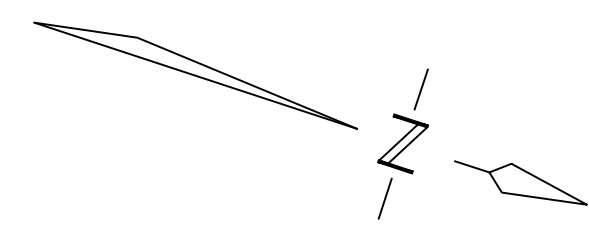


NEW CONSTRUCTION PLAN & PROFILE
 SHEET 2 OF 6
 2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
 SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
 BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

LEGEND

- PROPOSED ROAD CENTERLINE
- PROPOSED DITCH (LEFT/WEST)
- PROPOSED DITCH (RIGHT/EAST)
- [Pattern] PROPOSED CONCRETE SIDEWALK
- PROPOSED STEEL BEAM GUIDERAIL
- PROPOSED GRADING LIMIT (CUT)
- PROPOSED GRADING LIMIT (FILL)
- [Pattern] PROPOSED ASPHALT MULTI-USE PATH



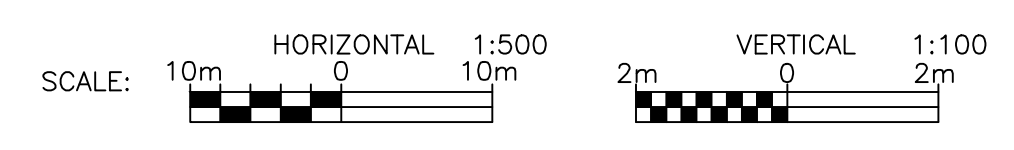
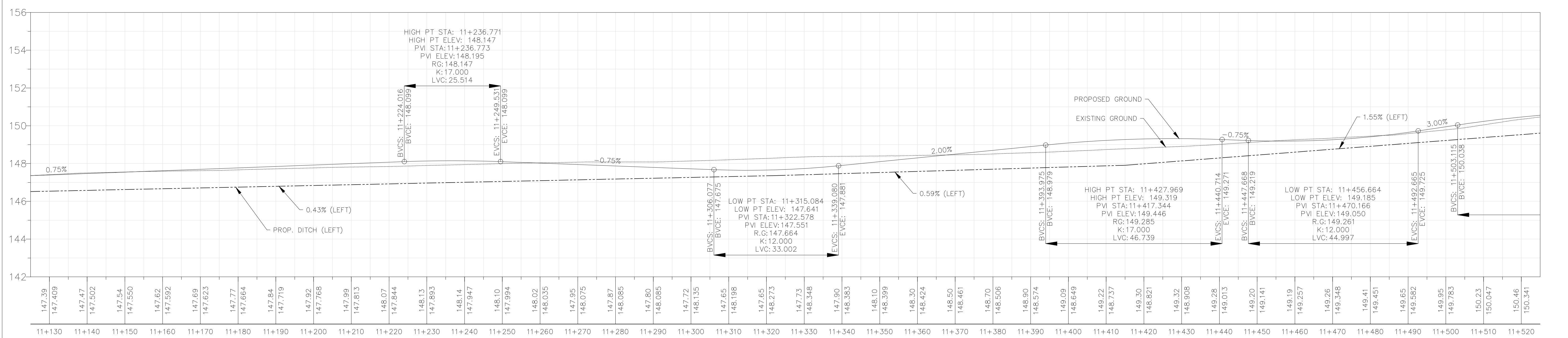
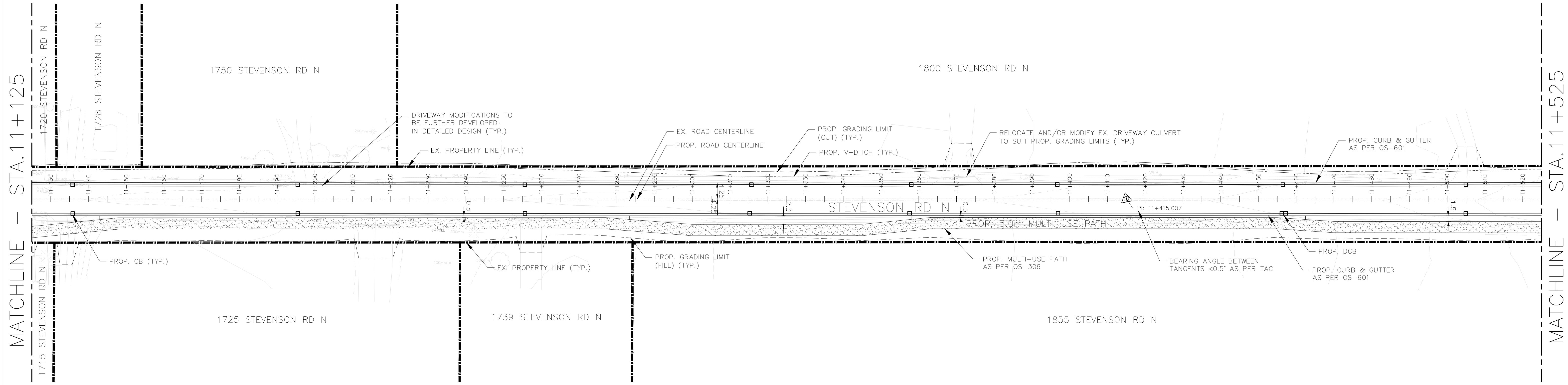
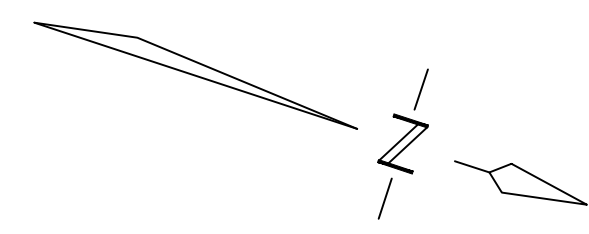
NEW CONSTRUCTION PLAN & PROFILE
SHEET 3 OF 6

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

LEGEND

- PROPOSED ROAD CENTERLINE
- PROPOSED DITCH (LEFT/WEST)
- PROPOSED DITCH (RIGHT/EAST)
- PROPOSED CONCRETE SIDEWALK
- PROPOSED STEEL BEAM GUIDERAIL
- PROPOSED GRADING LIMIT (CUT)
- PROPOSED GRADING LIMIT (FILL)
- PROPOSED ASPHALT MULTI-USE PATH

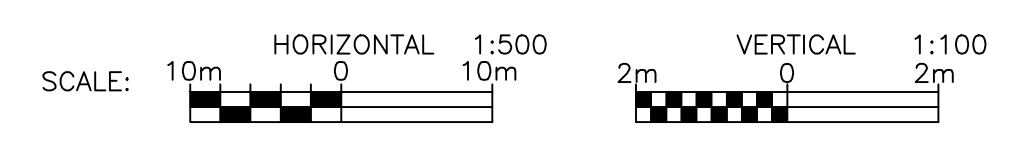
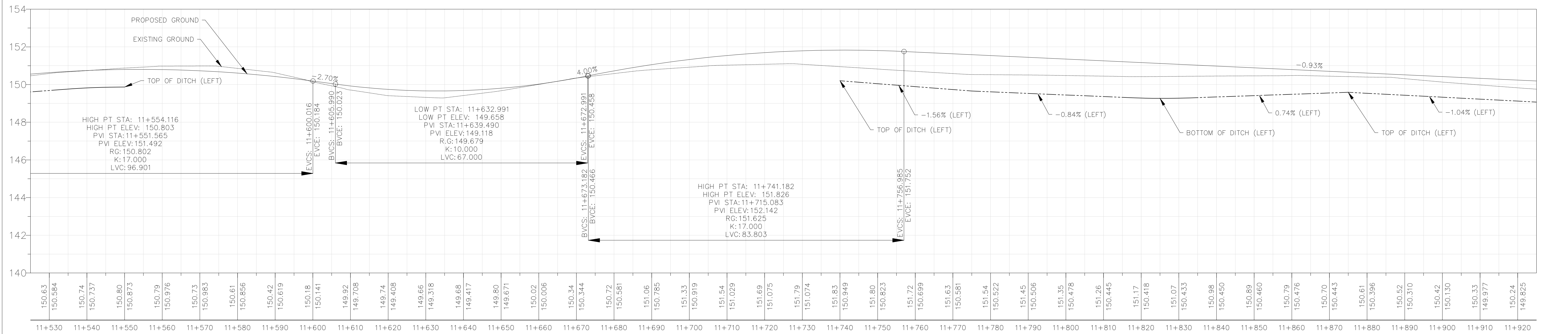
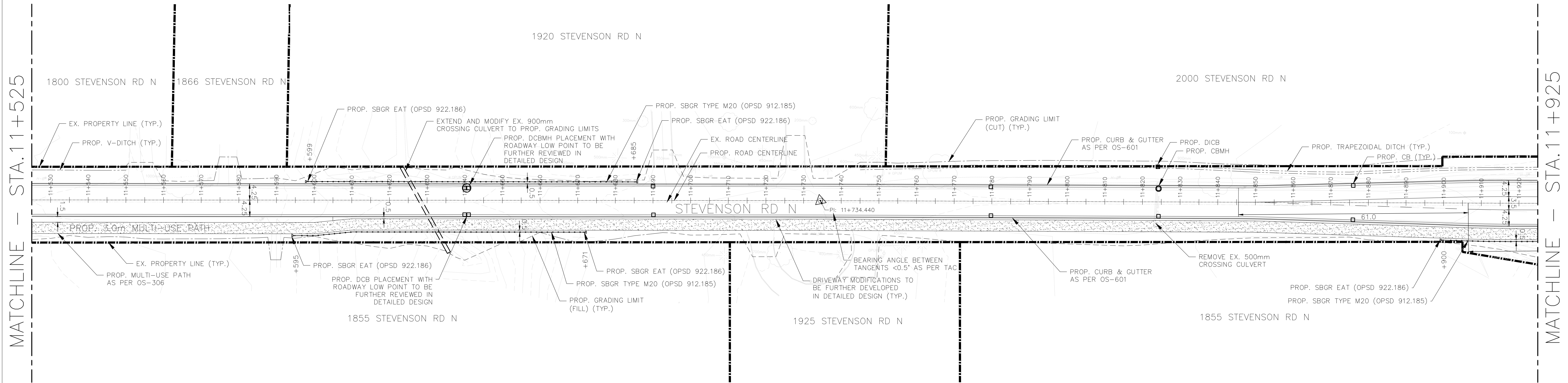
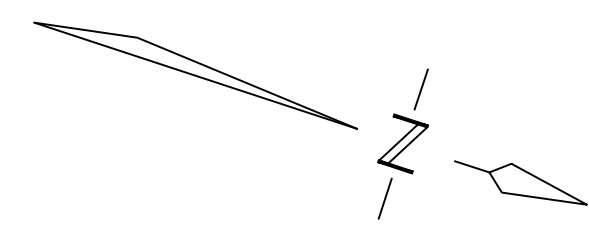


NEW CONSTRUCTION PLAN & PROFILE
 SHEET 4 OF 6
 2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
 SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
 BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

LEGEND

- PROPOSED ROAD CENTERLINE
- PROPOSED DITCH (LEFT/WEST)
- PROPOSED DITCH (RIGHT/EAST)
- ▨ PROPOSED CONCRETE SIDEWALK
- ▨ PROPOSED ASPHALT MULTI-USE PATH
- PROPOSED STEEL BEAM GUIDERAIL
- PROPOSED GRADING LIMIT (CUT)
- PROPOSED GRADING LIMIT (FILL)

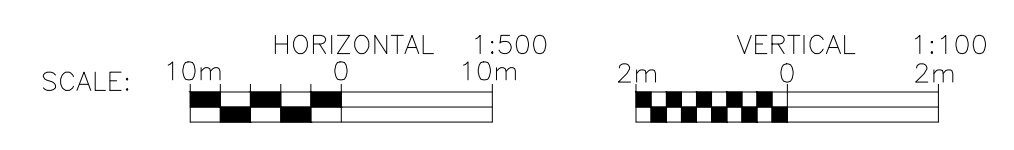
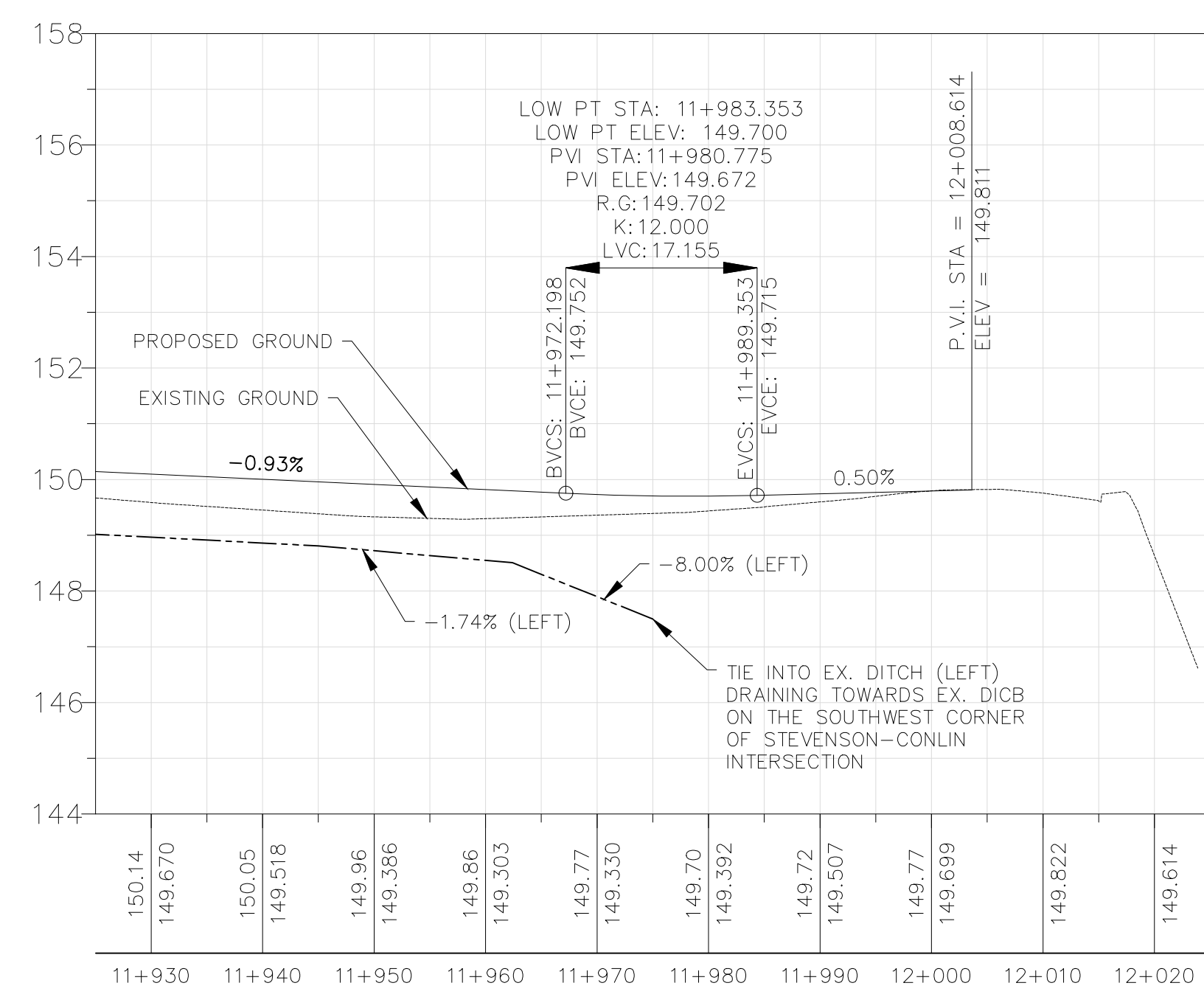
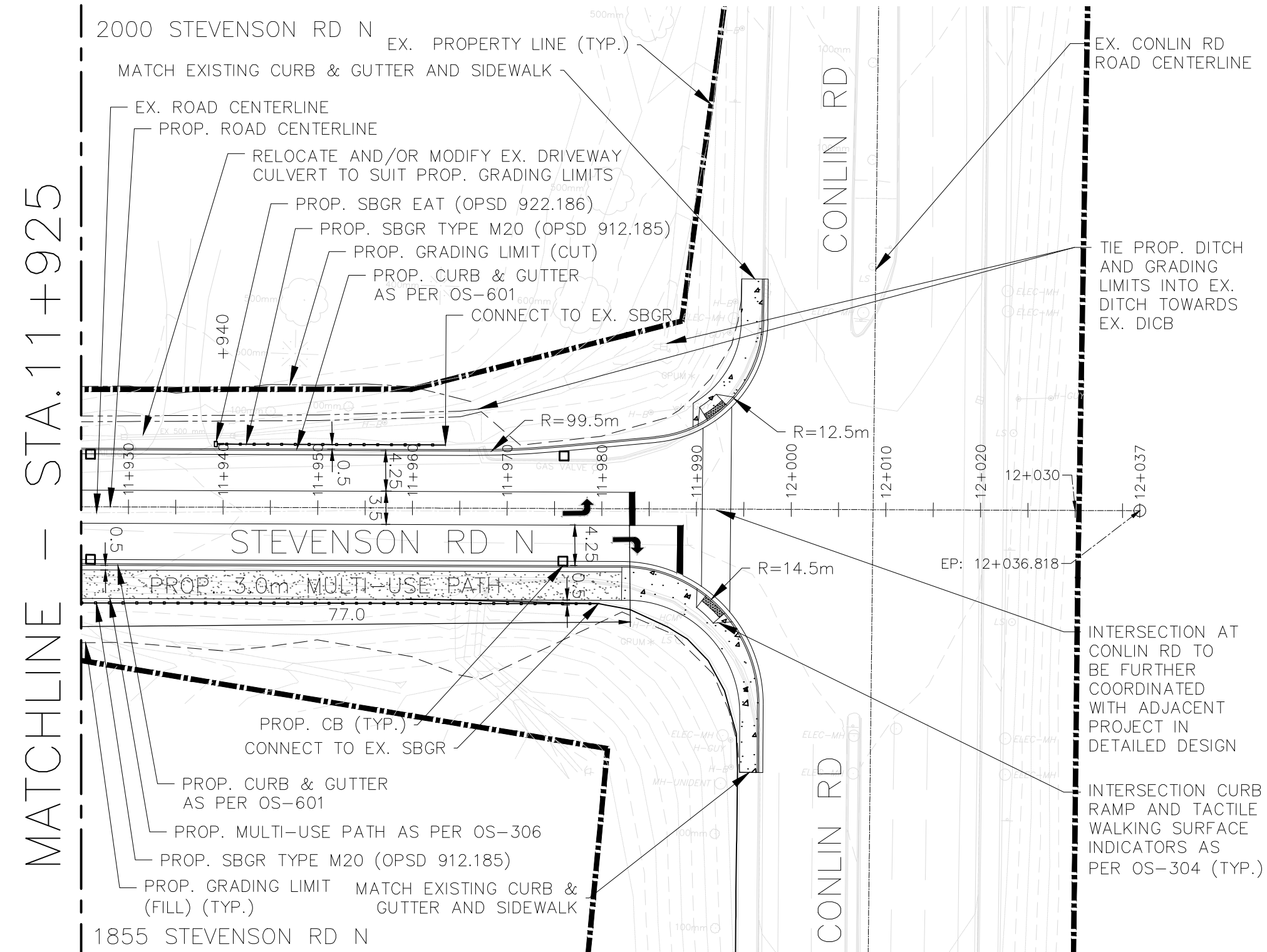
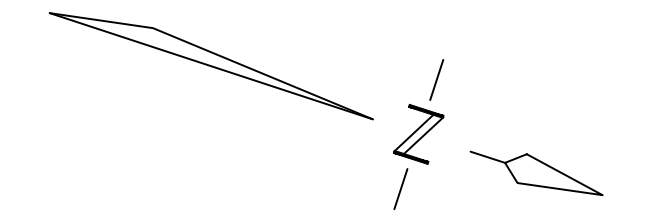


NEW CONSTRUCTION PLAN & PROFILE
 SHEET 5 OF 6
 2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
 SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
 BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

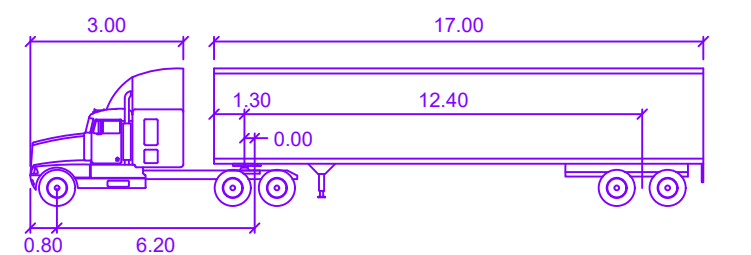
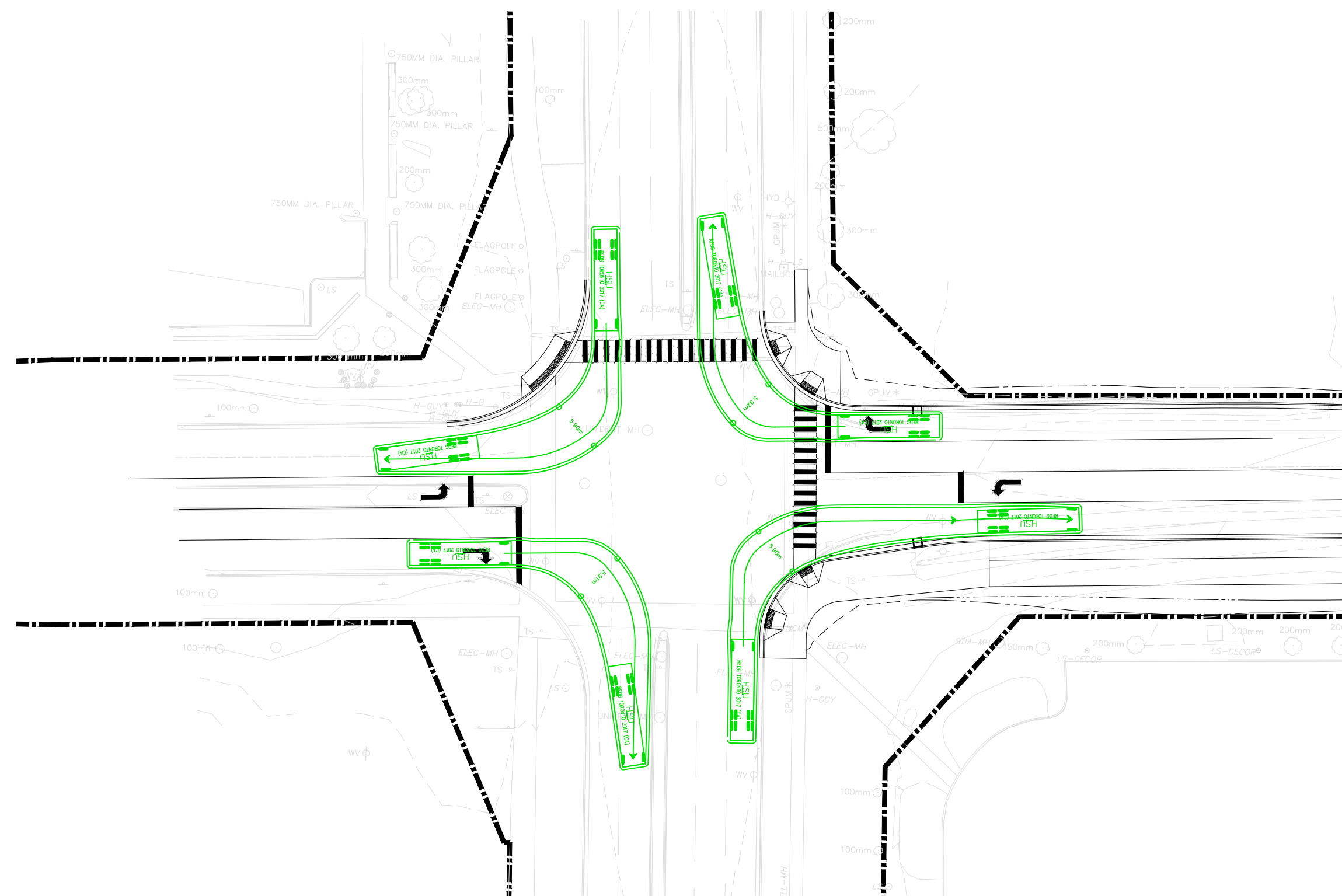
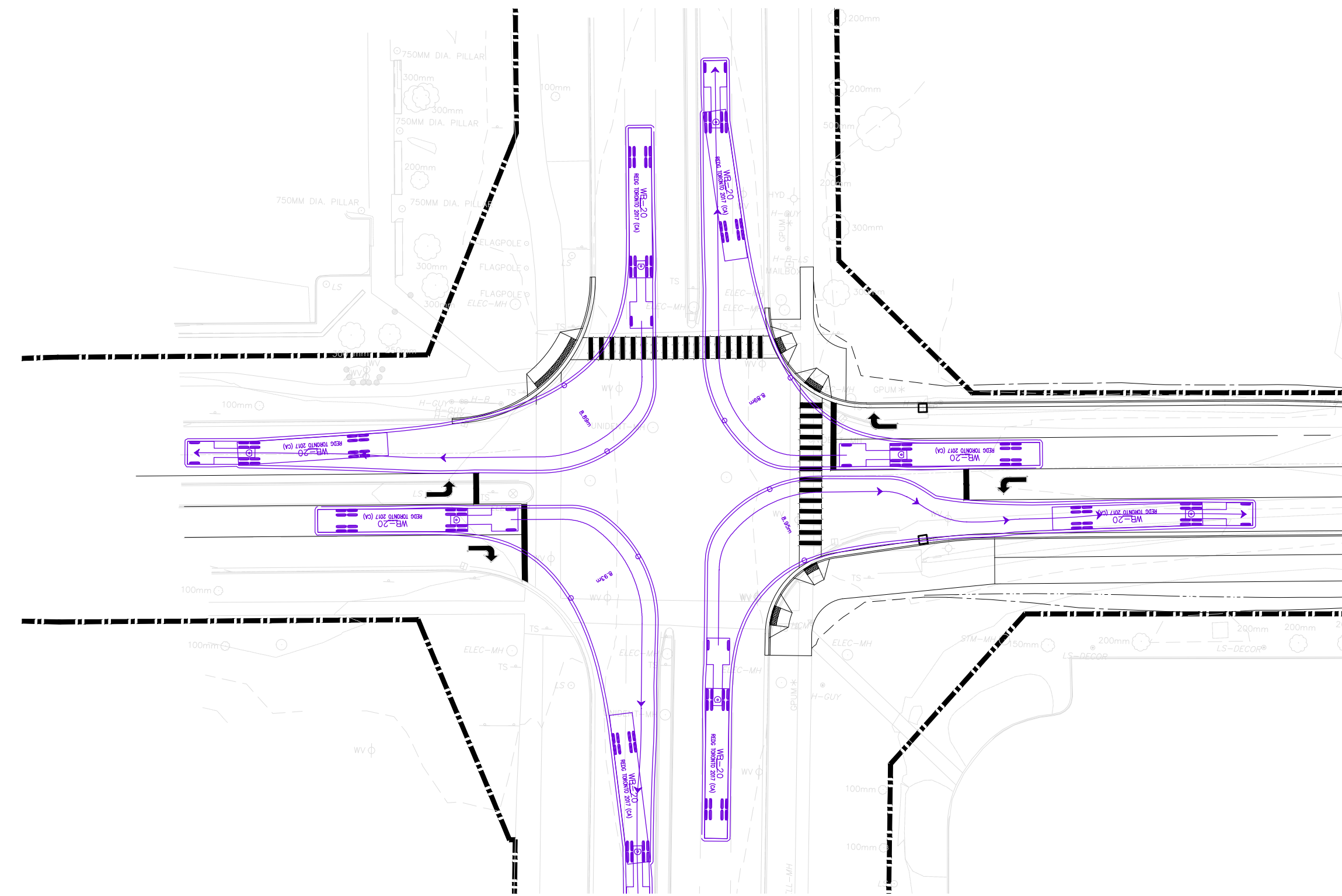
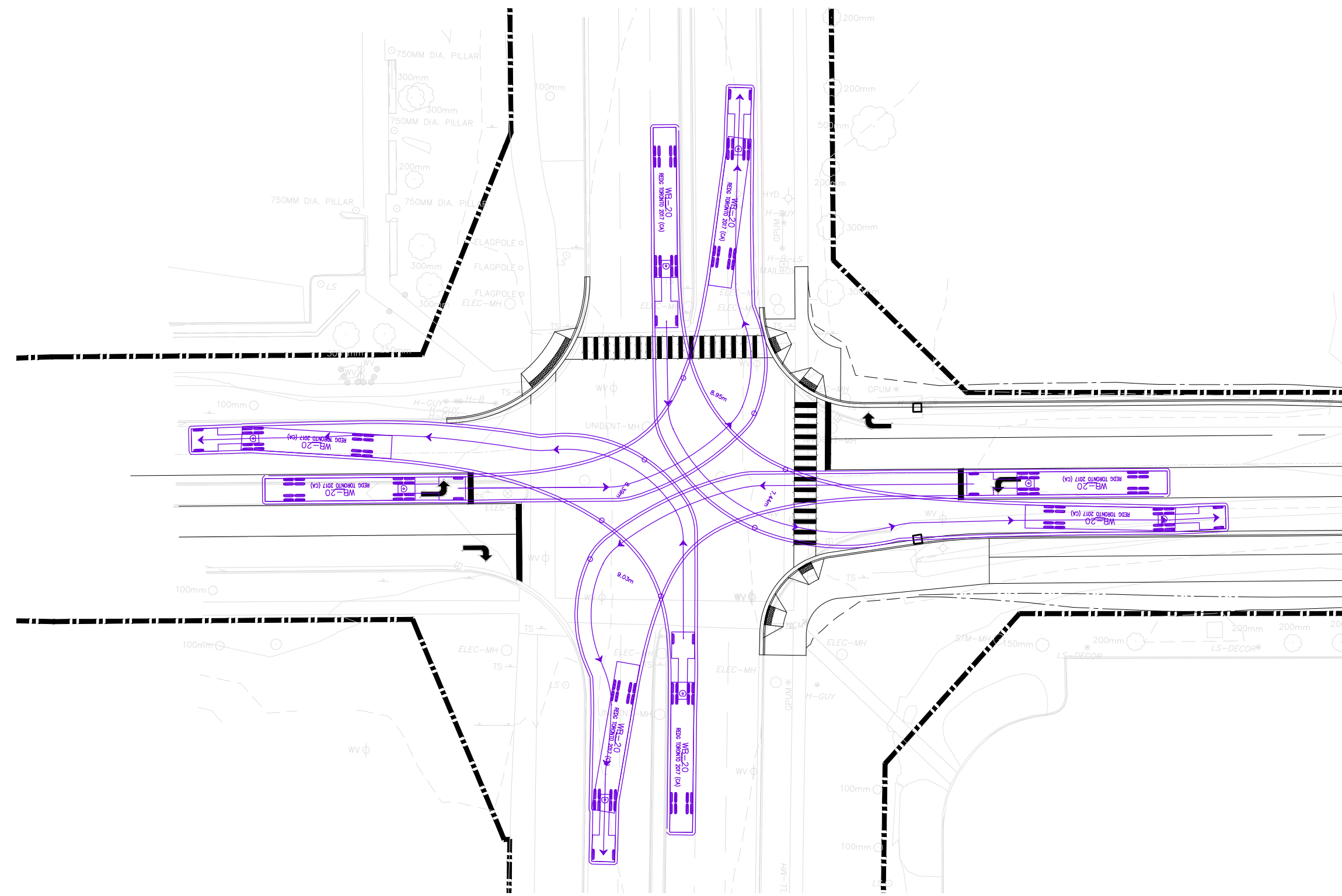
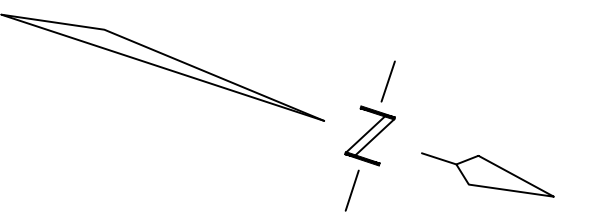
LEGEND

- PROPOSED ROAD CENTERLINE
- PROPOSED DITCH (LEFT/WEST)
- PROPOSED DITCH (RIGHT/EAST)
- ▨ PROPOSED CONCRETE SIDEWALK
- PROPOSED STEEL BEAM GUIDERAIL
- PROPOSED GRADING LIMIT (CUT)
- PROPOSED GRADING LIMIT (FILL)
- ▨ PROPOSED ASPHALT MULTI-USE PATH

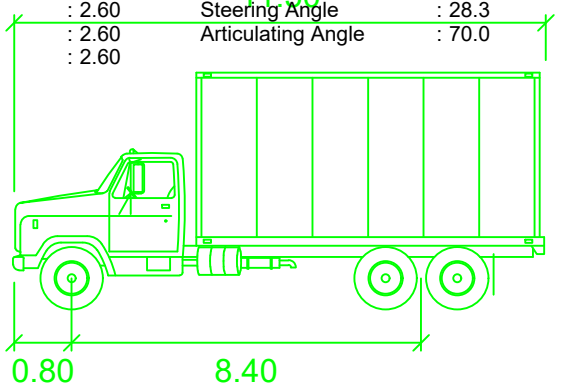


NEW CONSTRUCTION PLAN & PROFILE
 SHEET 6 OF 6
 2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
 SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
 BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD



	Tractor	Trailer
Tractor Width	: 2.60	
Tractor Track	: 2.60	
Trailer Track		: 2.60
Lock to Lock Time		: 6.0
Steering Angle		: 28.3
Articulating Angle		: 70.0



	HSU
Width	: 2.60
Track	: 2.60
Lock to Lock Time	: 6.0
Steering Angle	: 39.7

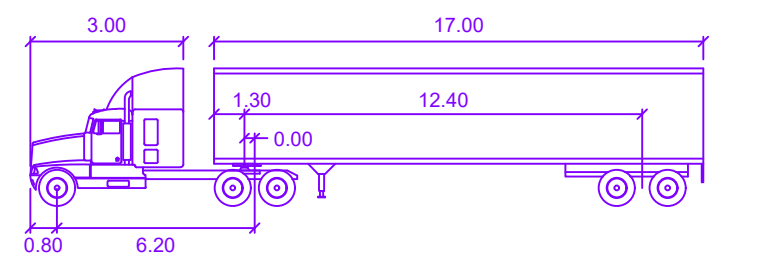
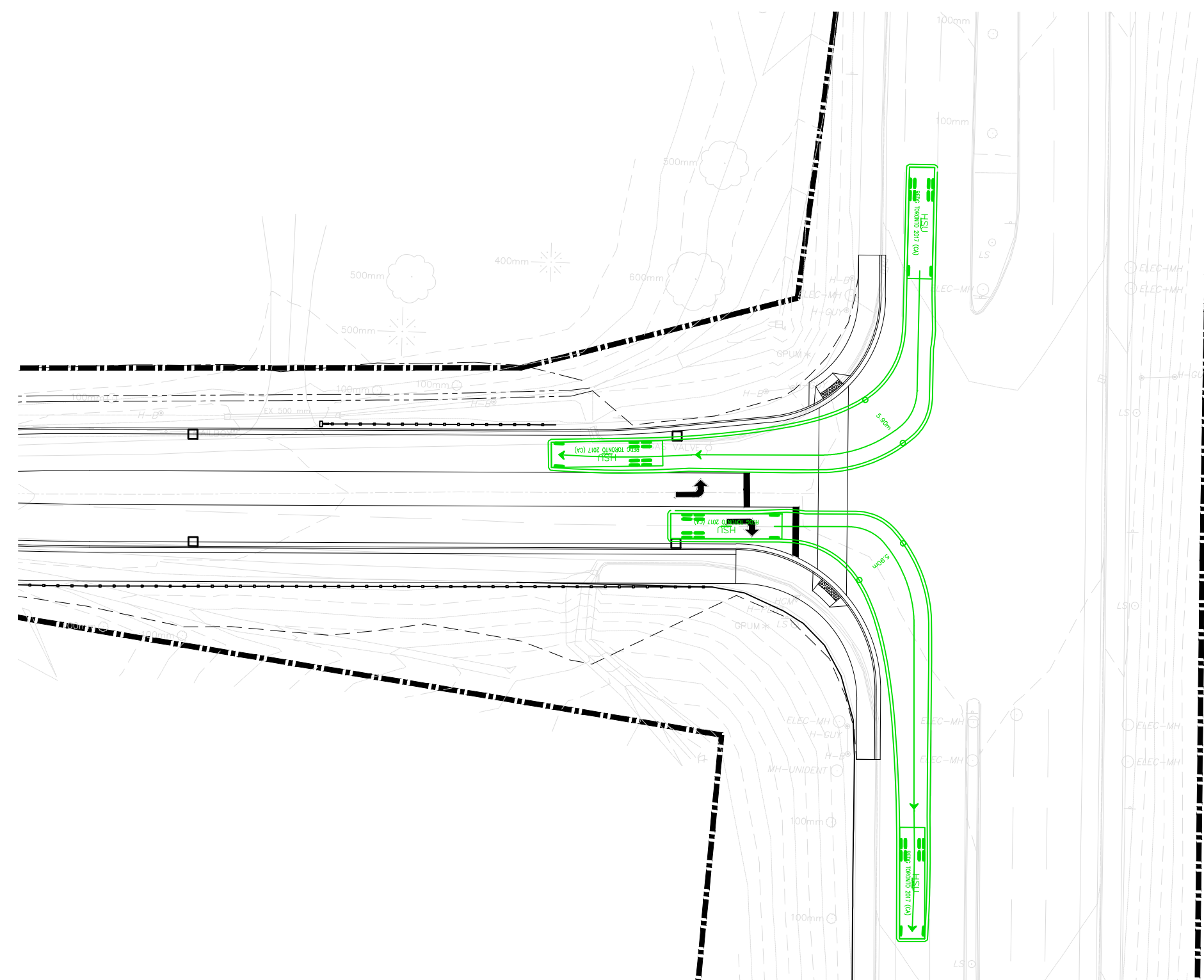
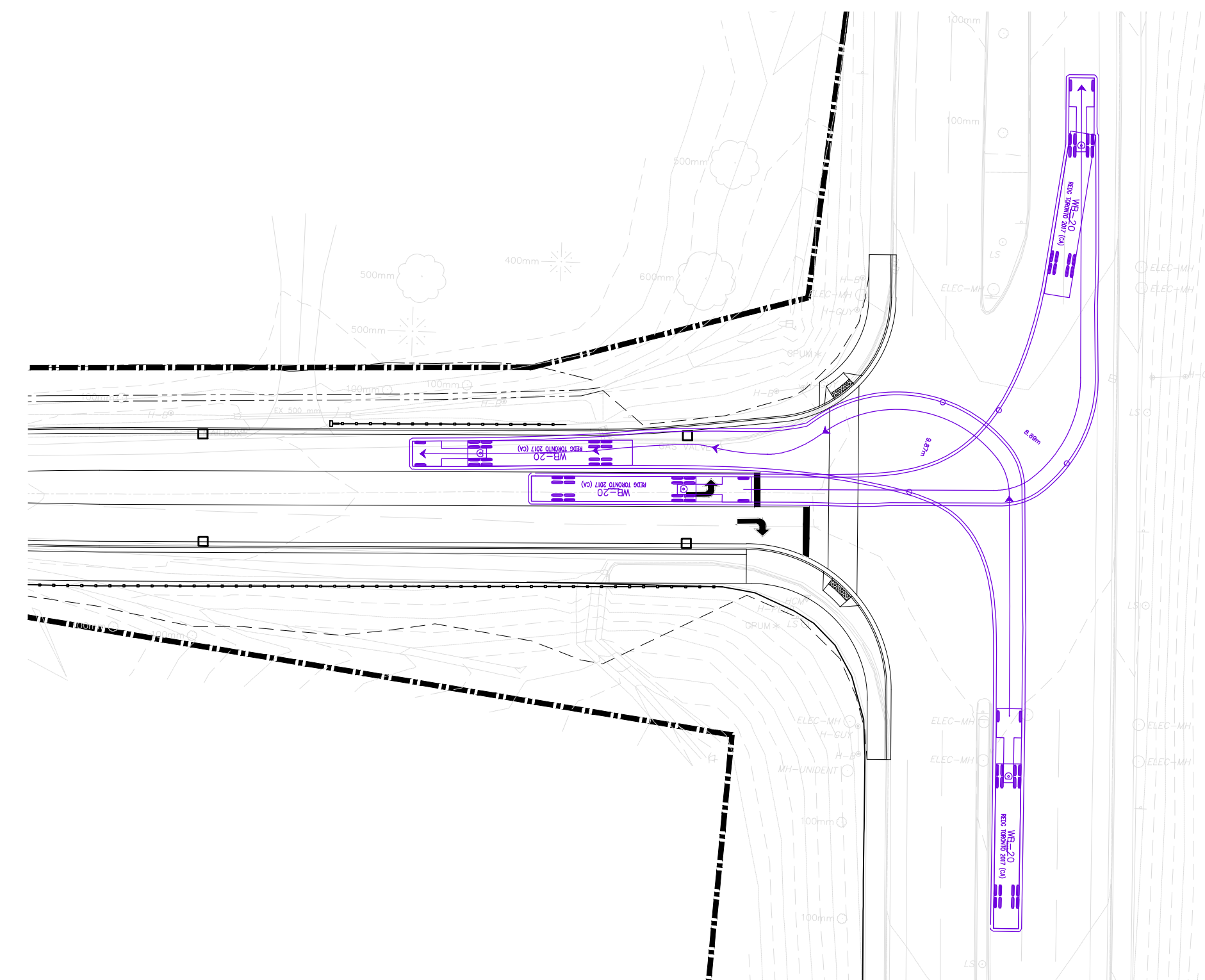
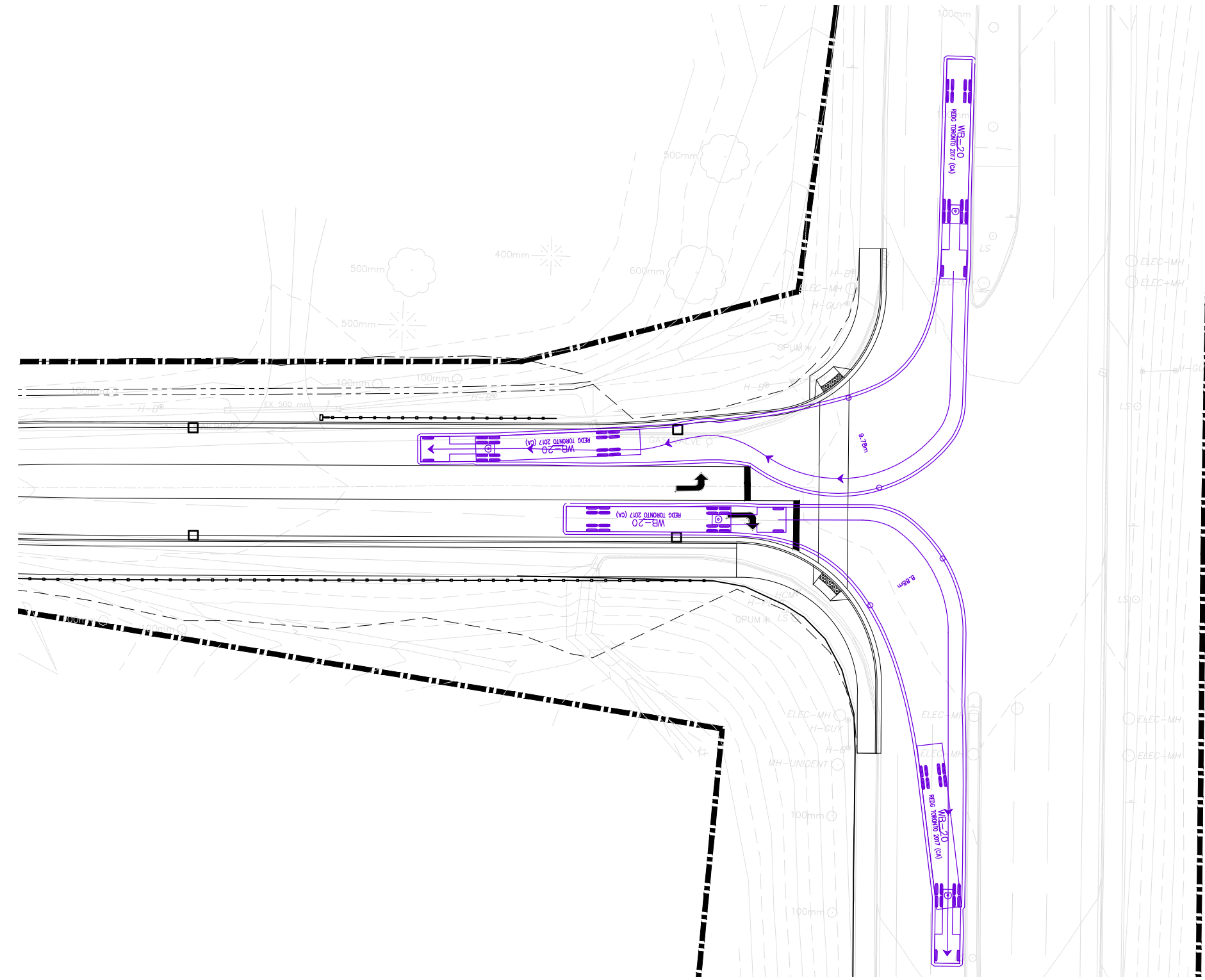
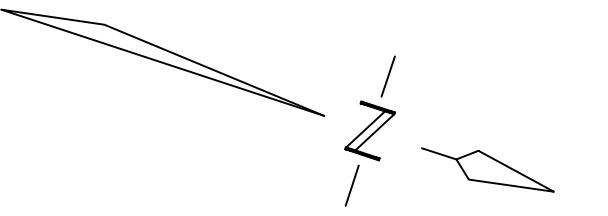


SCALE: 10m HORIZONTAL 1:500

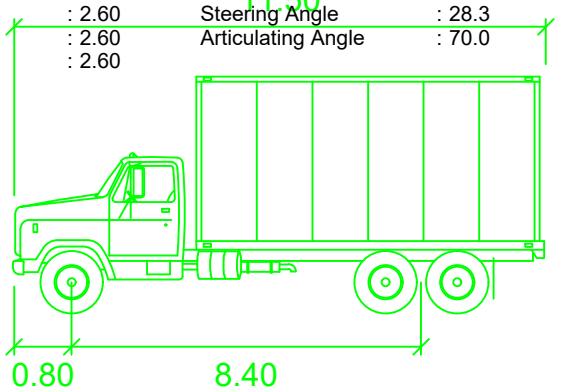
WB-20 & HSU SWEEP PATH ANALYSIS
STEVENSON RD N AT TAUNTON RD W

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD



	Tractor Width	Trailer Width	Tractor Track	Trailer Track	Lock to Lock Time	Steering Angle	Articulating Angle
	2.60	2.60	2.60	2.60	6.0	28.3	70.0



	Width	Track	Lock to Lock Time	Steering Angle
	2.60	2.60	6.0	39.7

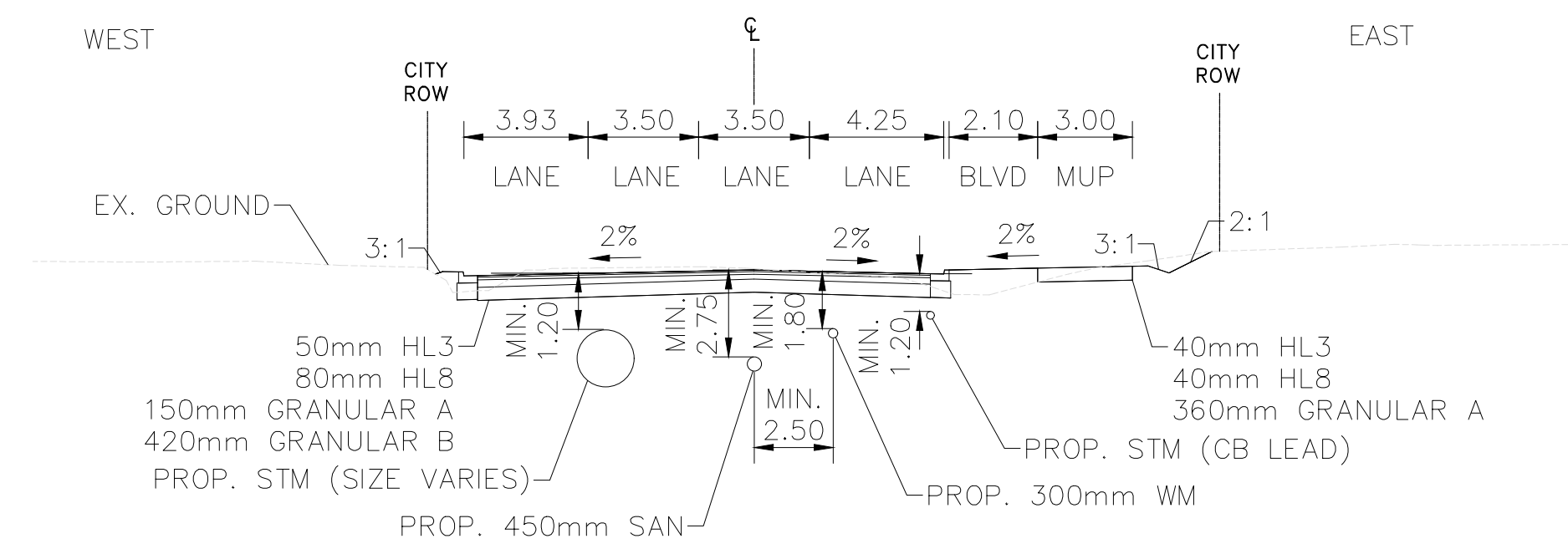


SCALE: 10m HORIZONTAL 1:500

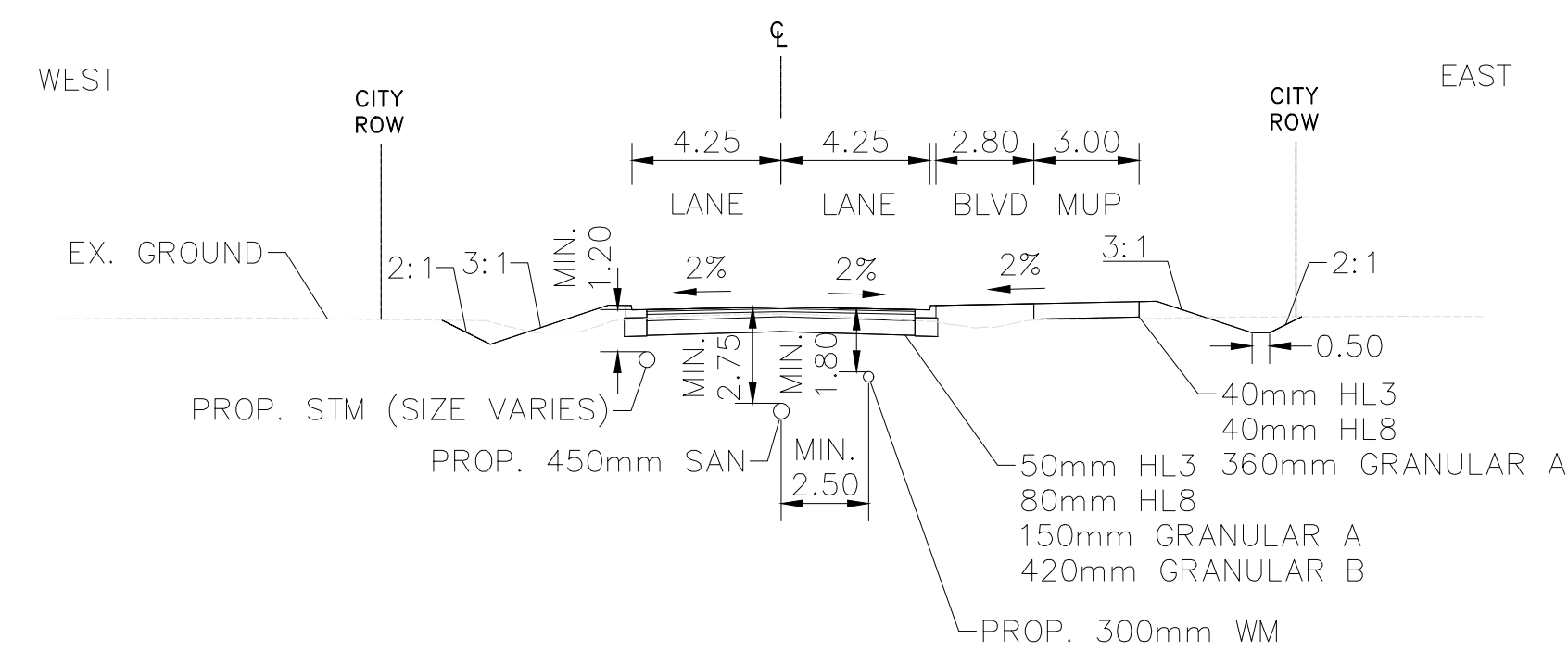
WB-20 & HSU SWEEP PATH ANALYSIS
STEVENSON RD N AT CONLIN RD

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

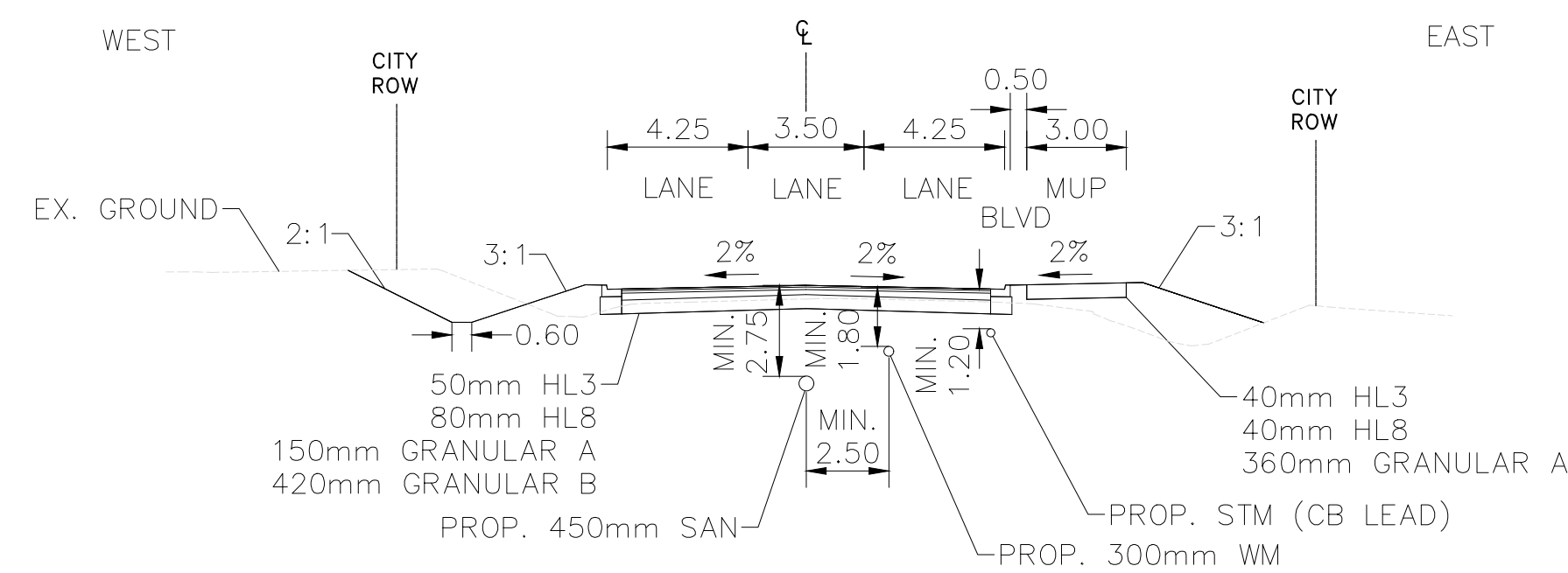
STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD



STEVENSON ROAD NORTH
 APPROACHING TAUNTON ROAD WEST
 STA. 10+040



STEVENSON ROAD NORTH
 STA. 10+920



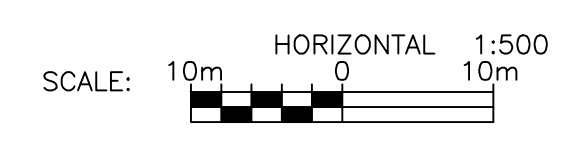
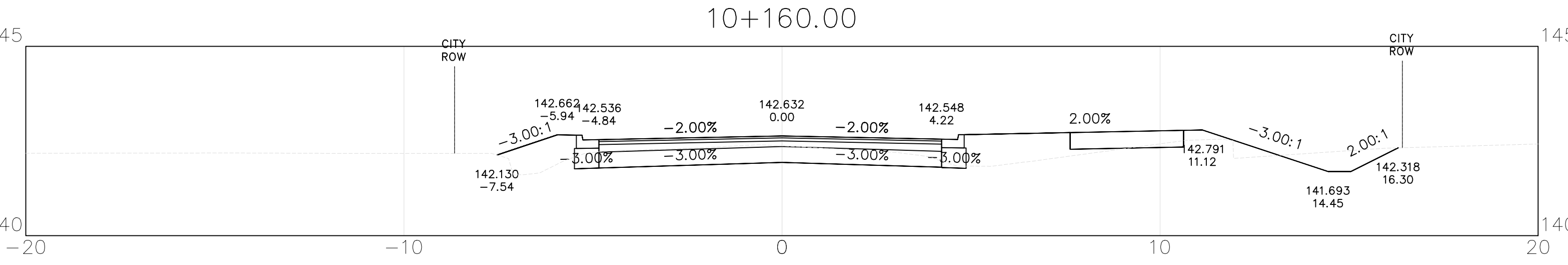
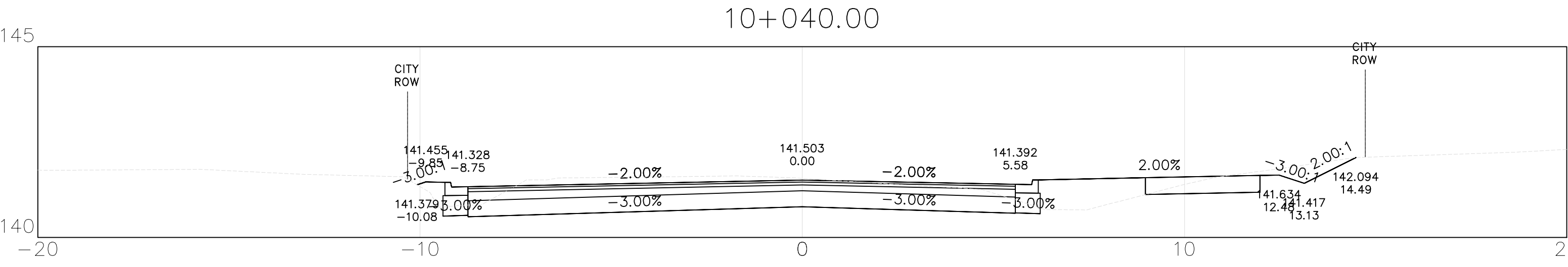
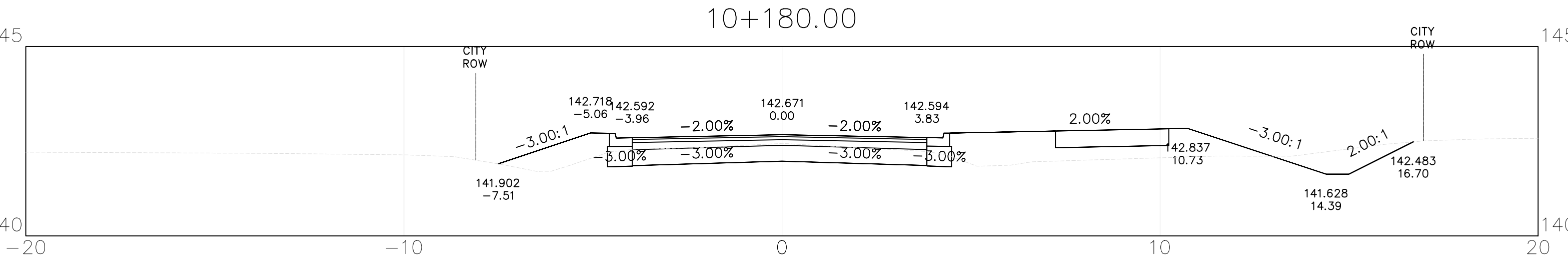
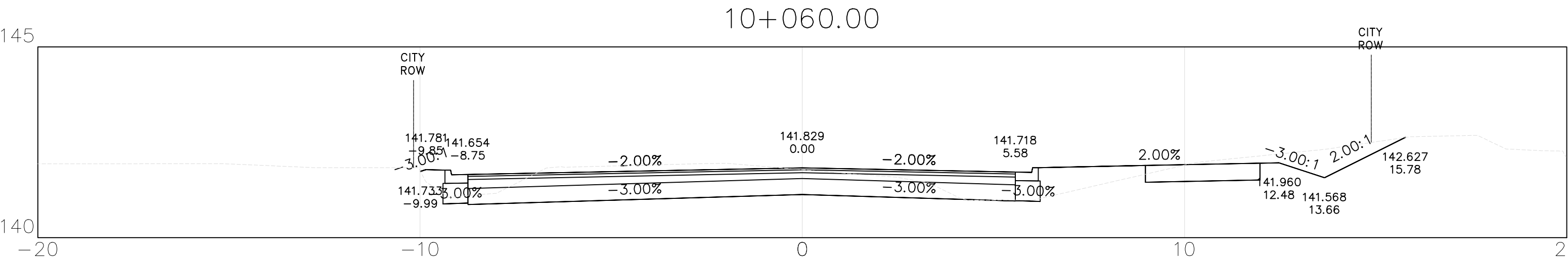
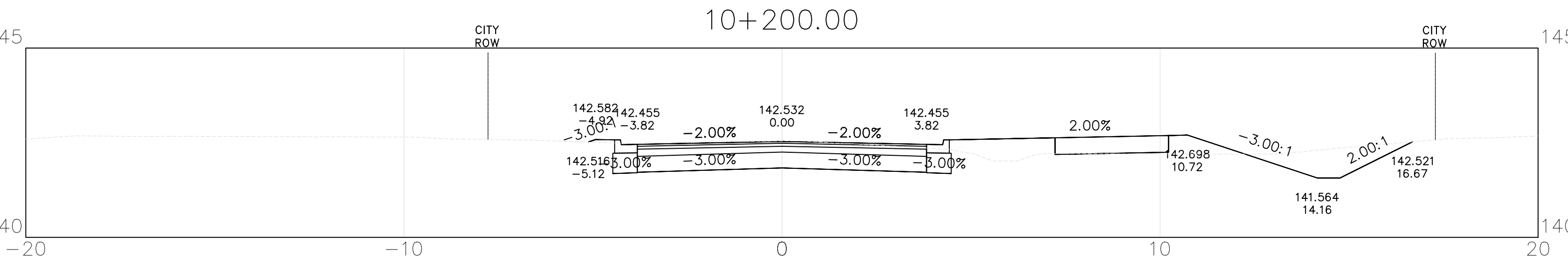
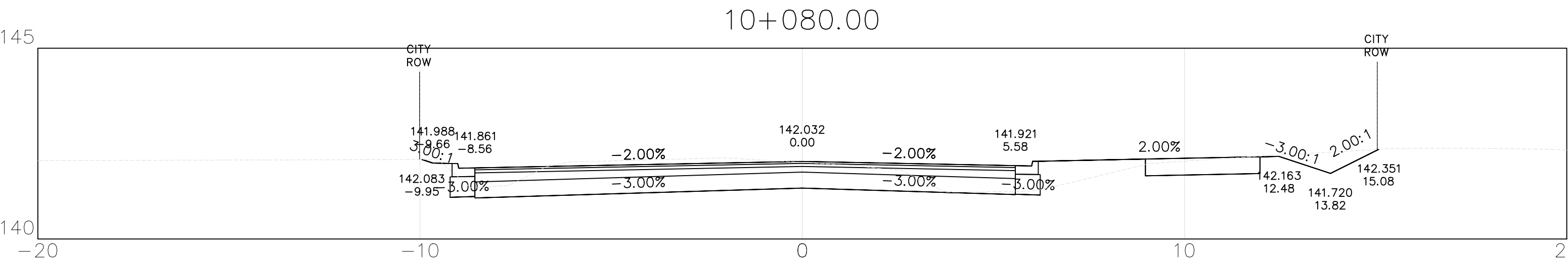
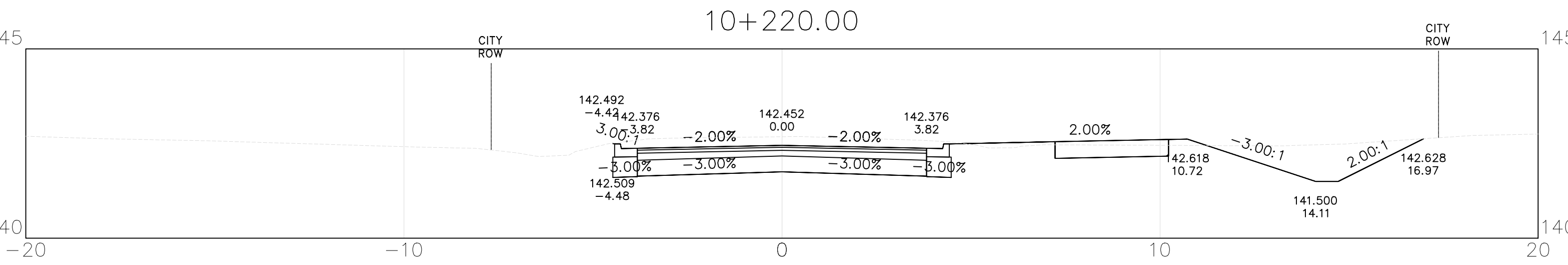
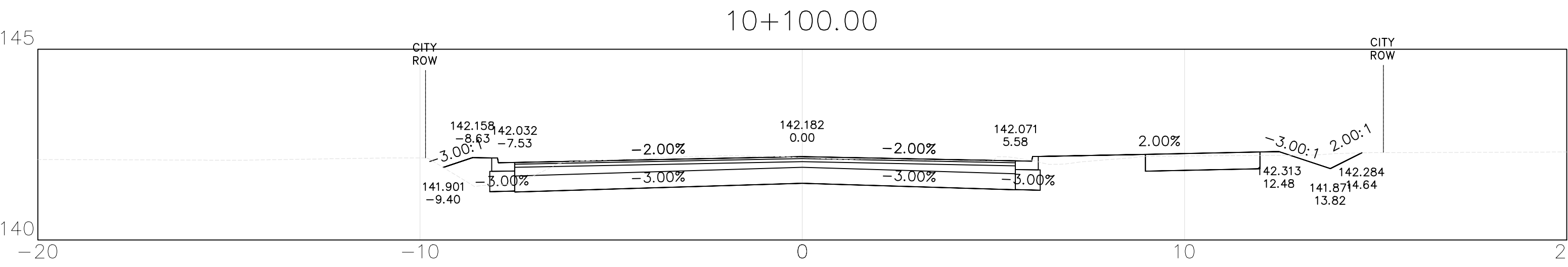
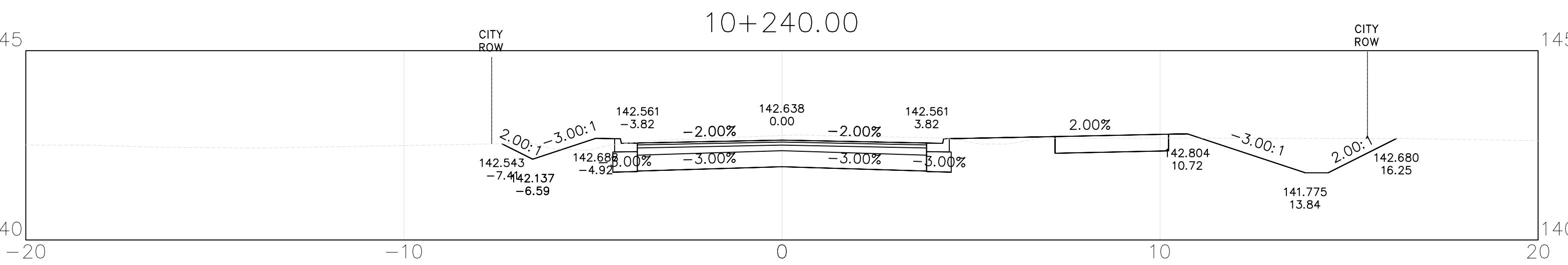
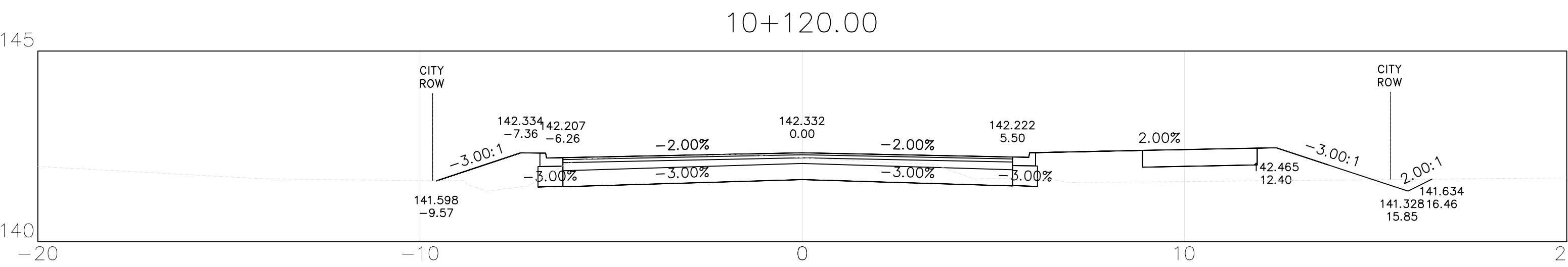
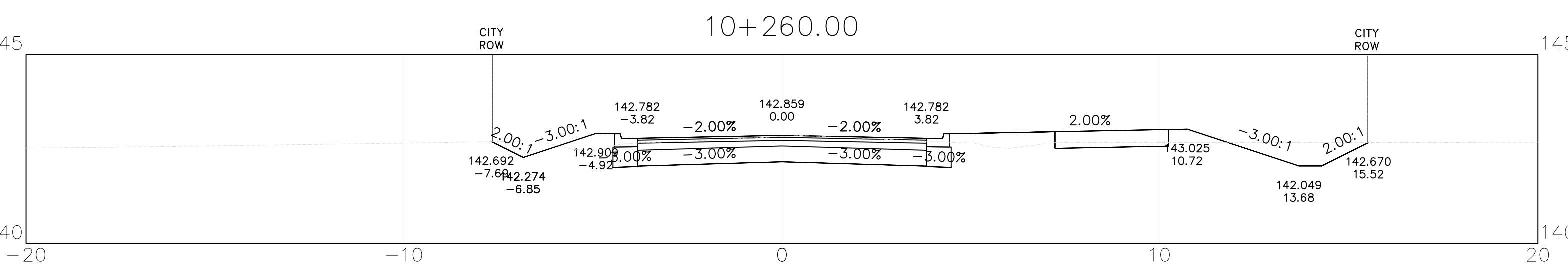
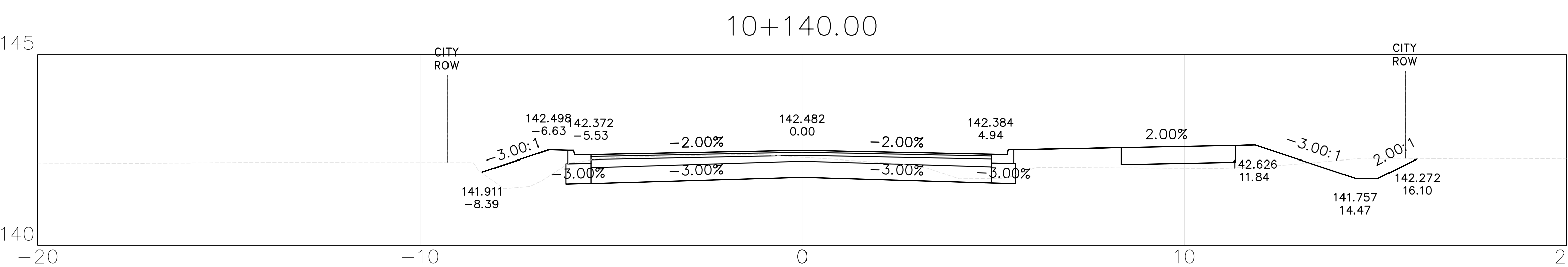
STEVENSON ROAD NORTH
 APPROACHING CONLIN ROAD
 STA. 11+920



TYPICAL SECTIONS

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
 SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
 BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD



SECTIONS
SHEET 1 OF 11

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

10+380.00

10+500.00

10+360.00

10+480.00

10+340.00

10+460.00

10+320.00

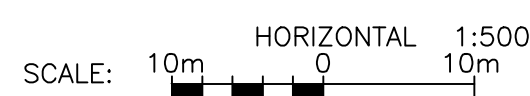
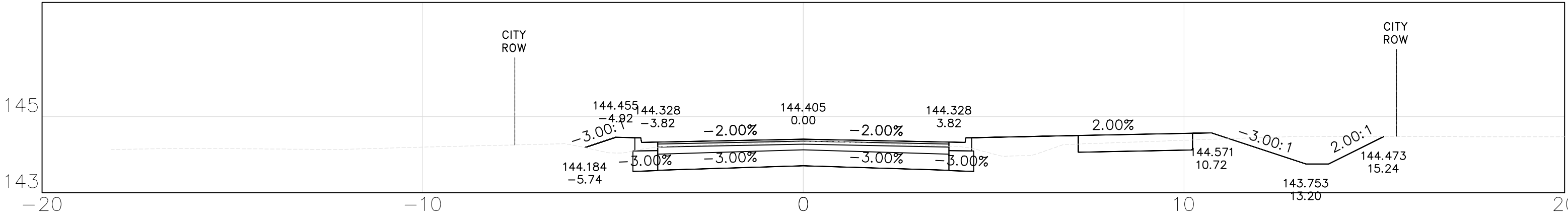
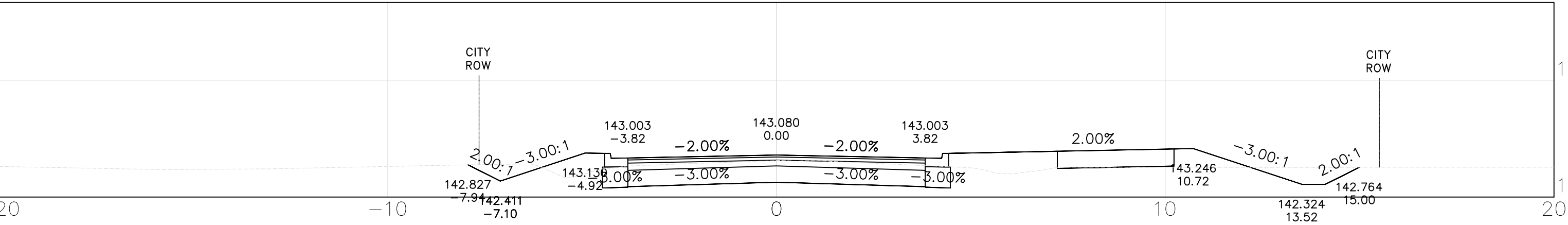
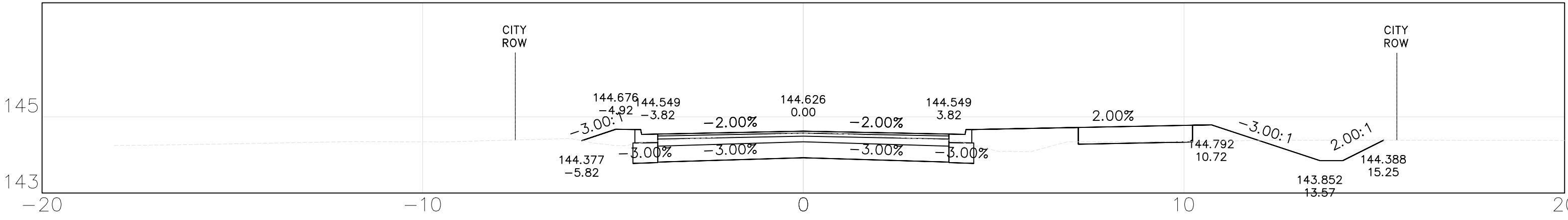
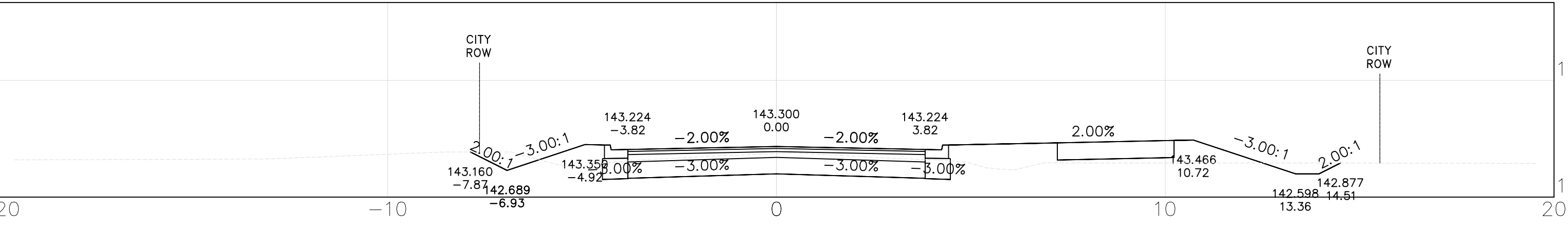
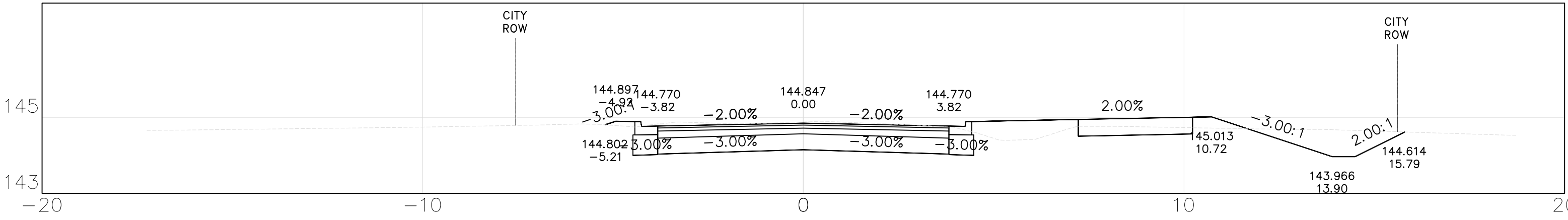
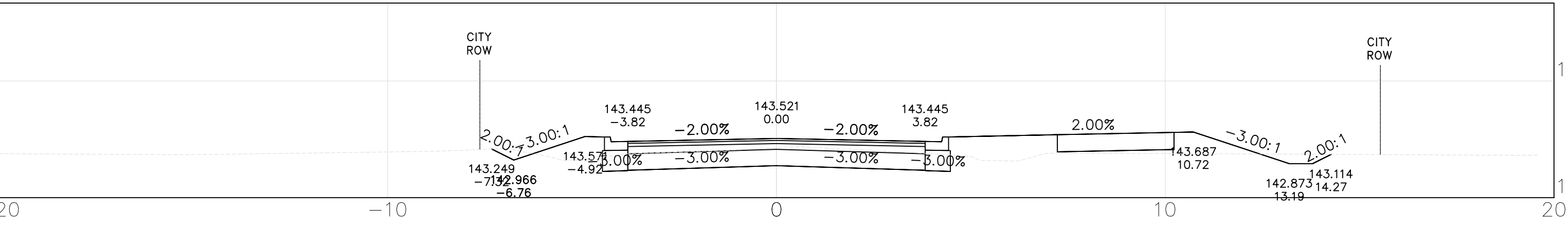
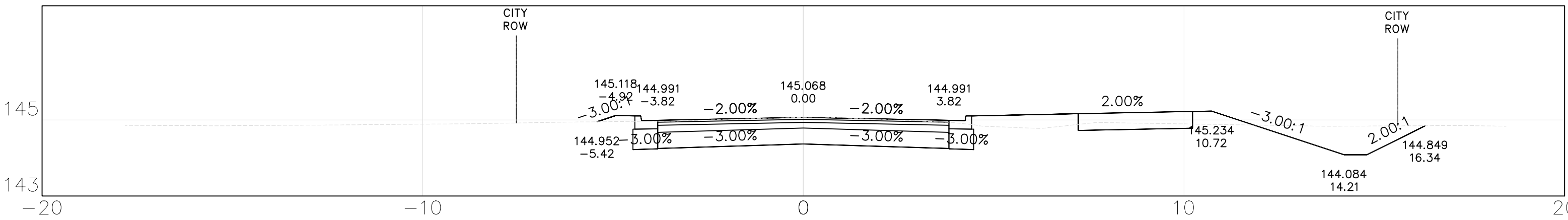
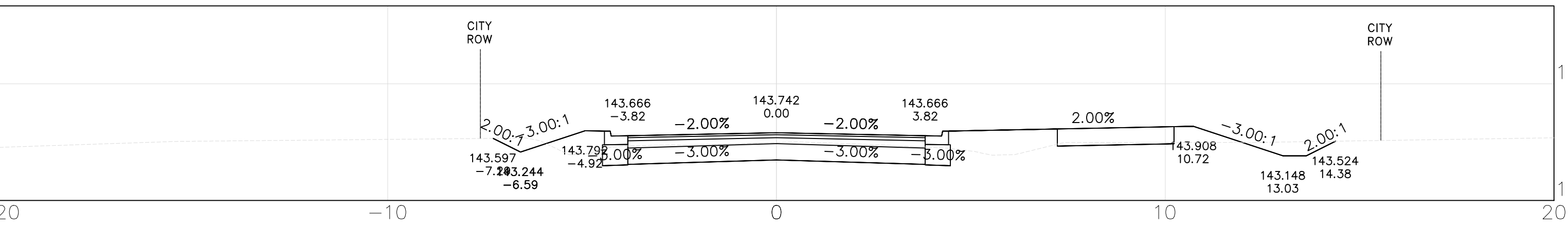
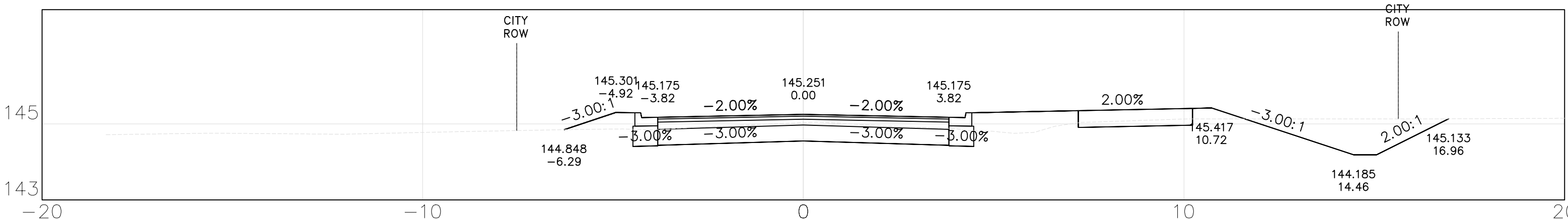
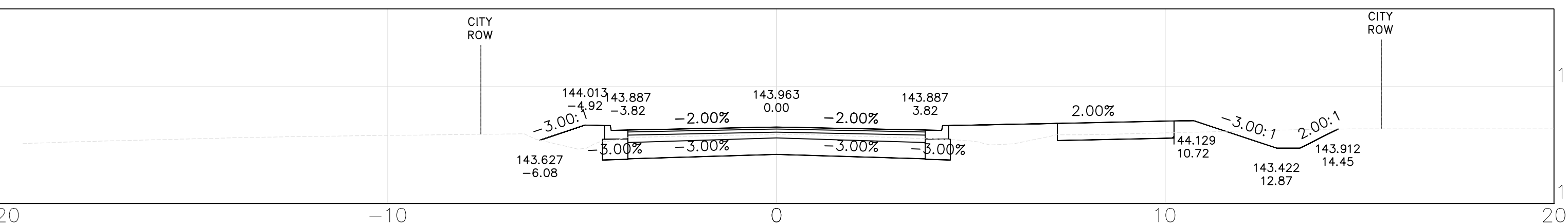
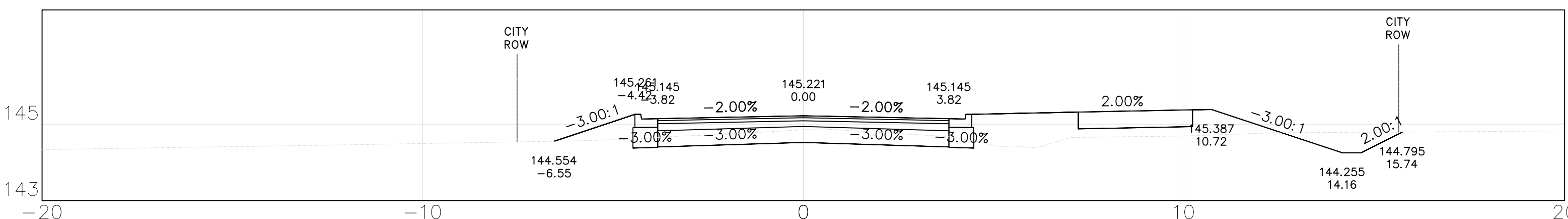
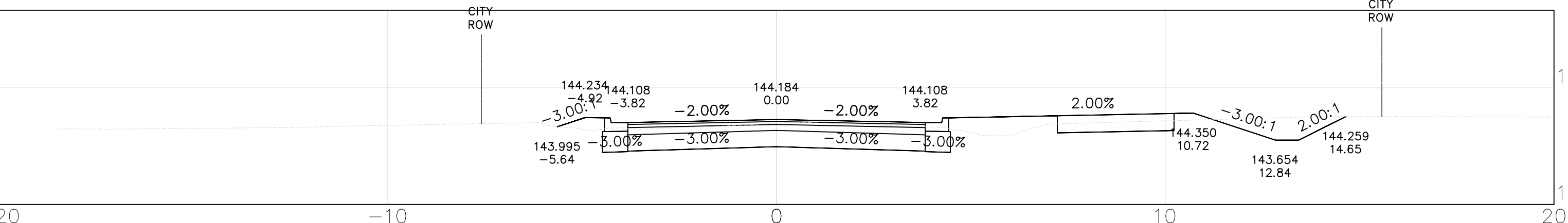
10+440.00

10+300.00

10+420.00

10+280.00

10+400.00



SECTIONS
SHEET 2 OF 11

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

10+620.00

10+740.00

10+600.00

10+720.00

10+580.00

10+700.00

10+560.00

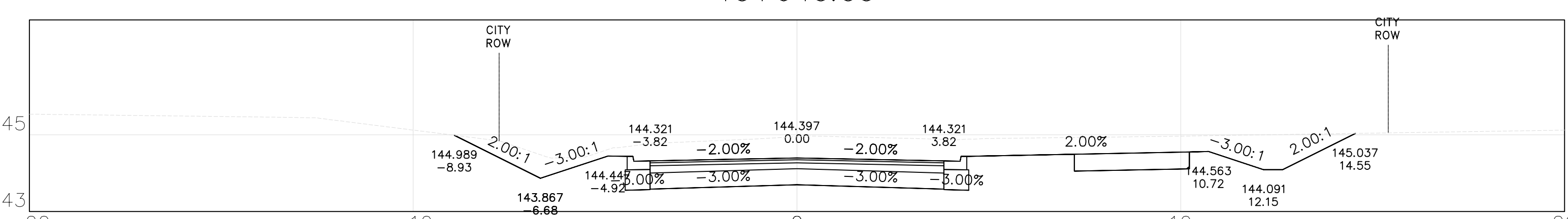
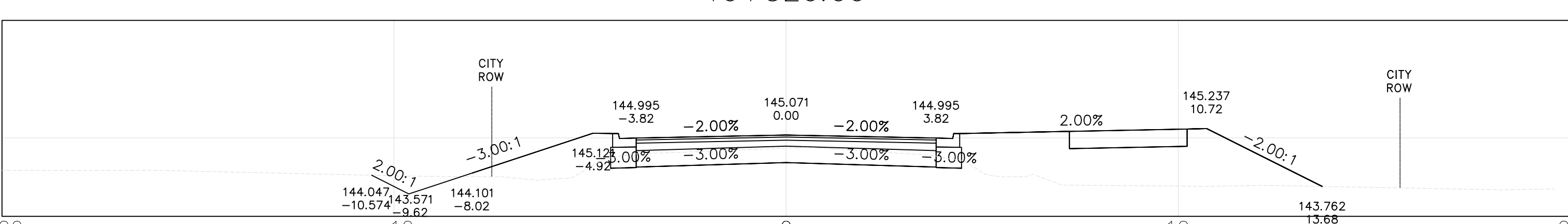
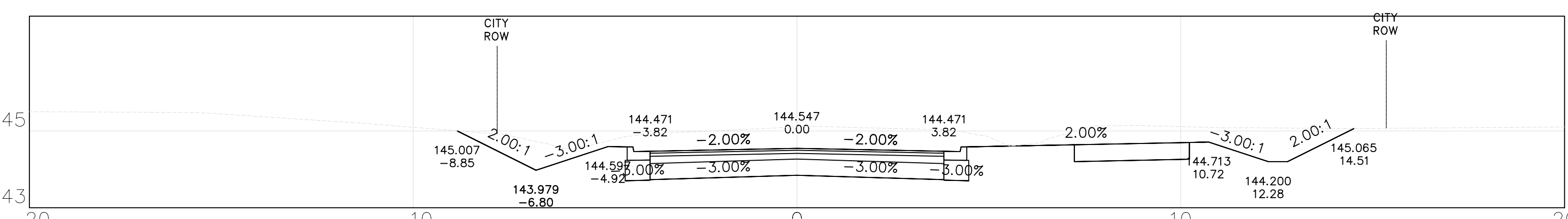
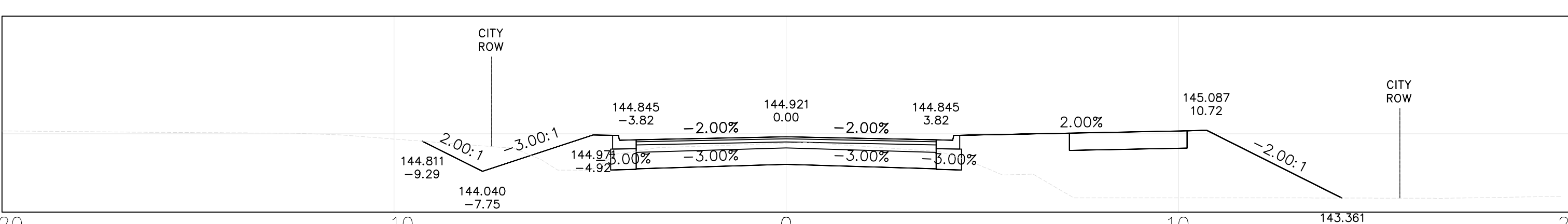
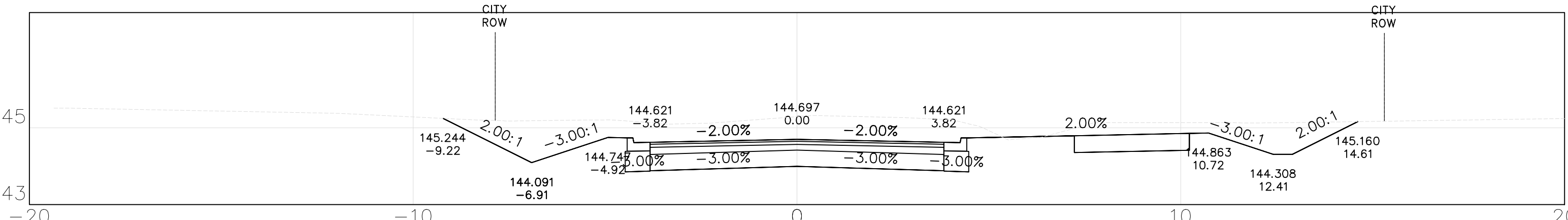
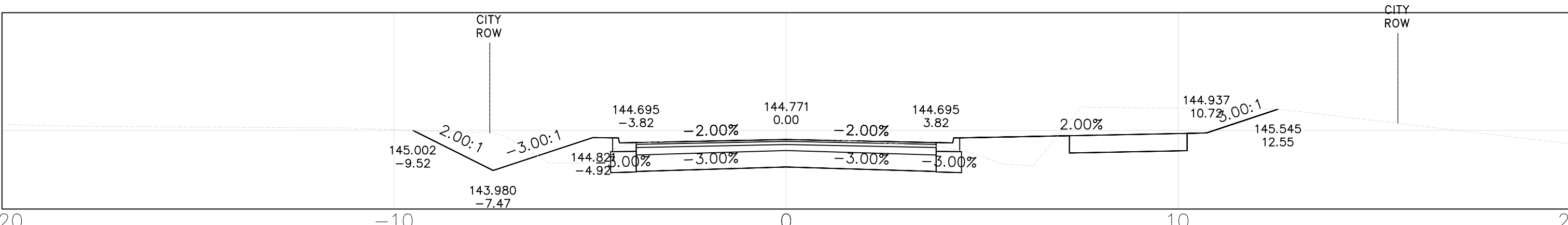
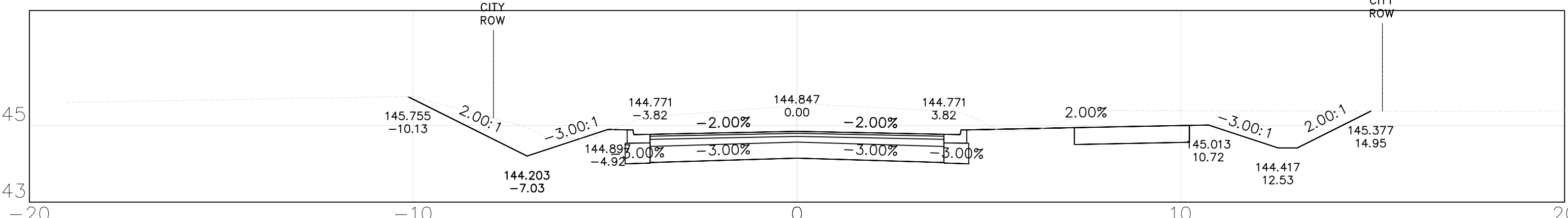
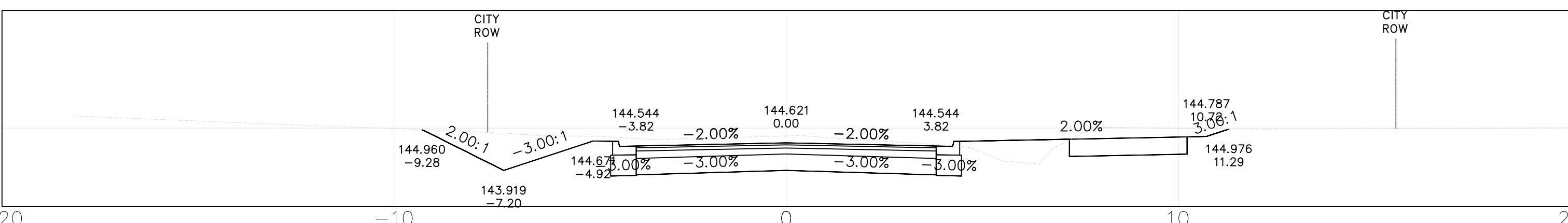
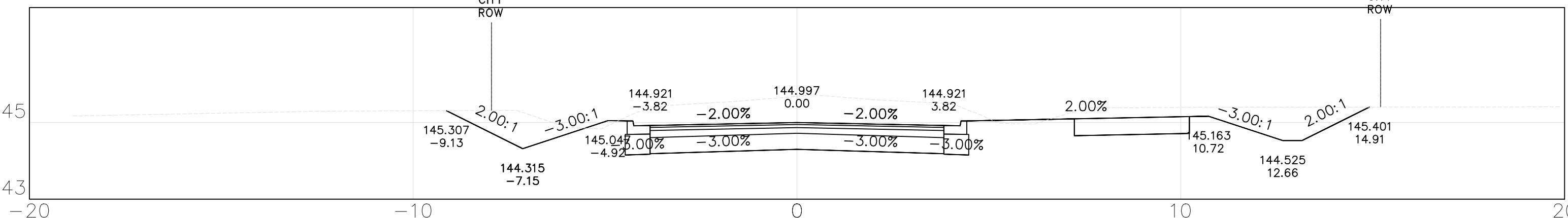
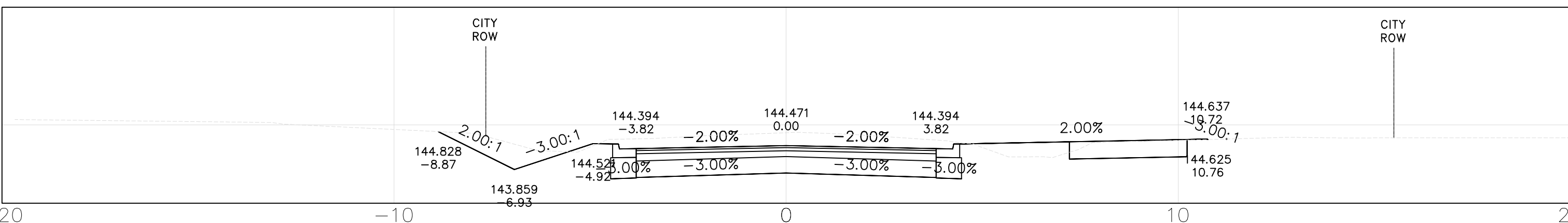
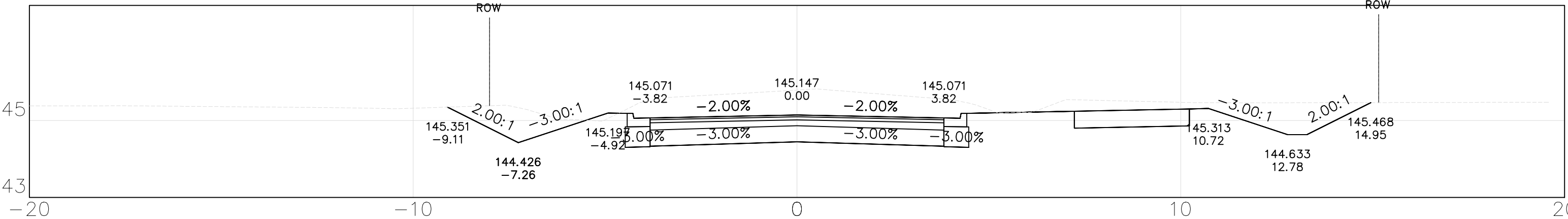
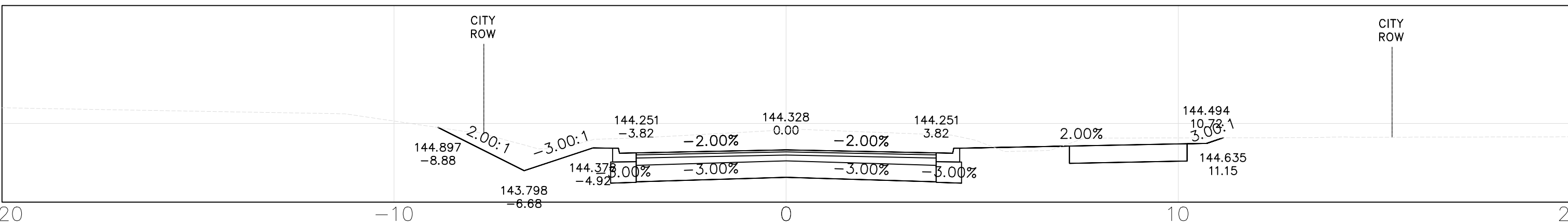
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10+540.00

10+660.00

10+520.00

10+640.00

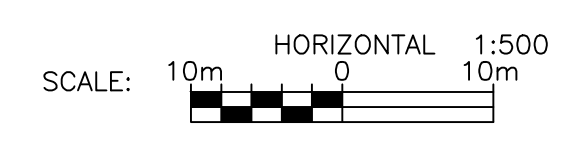
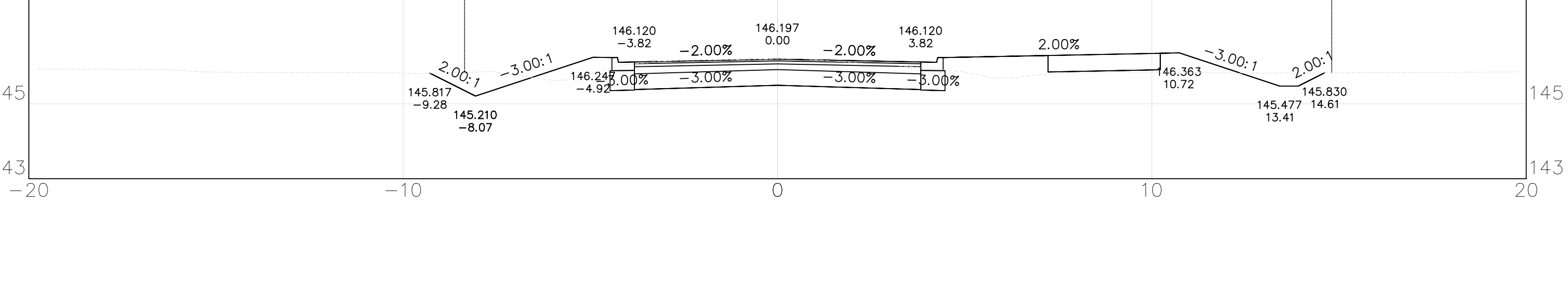
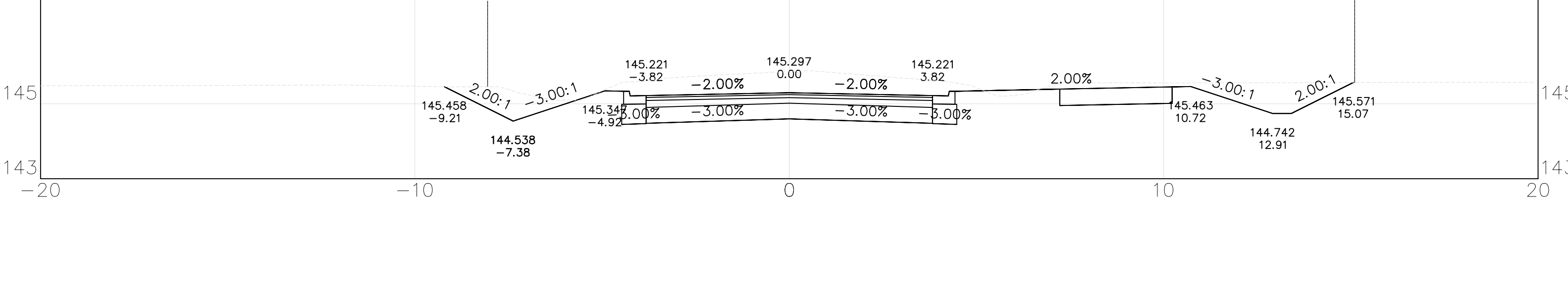
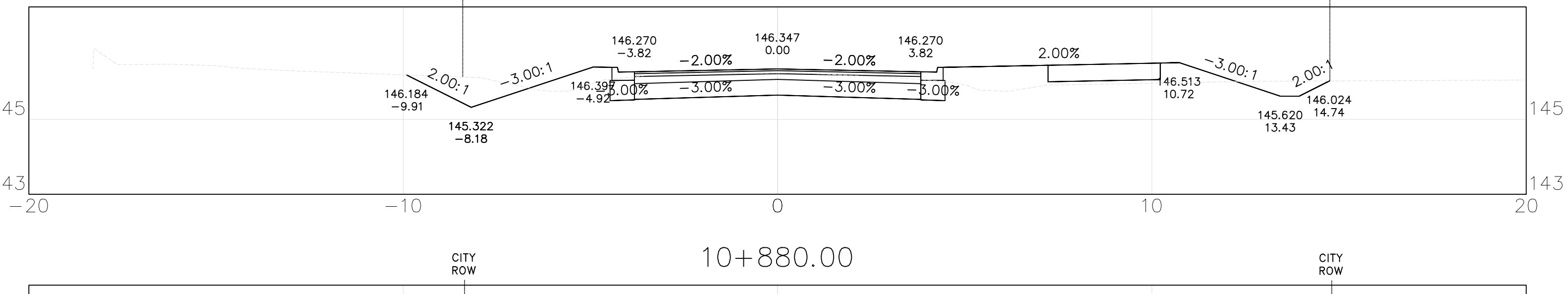
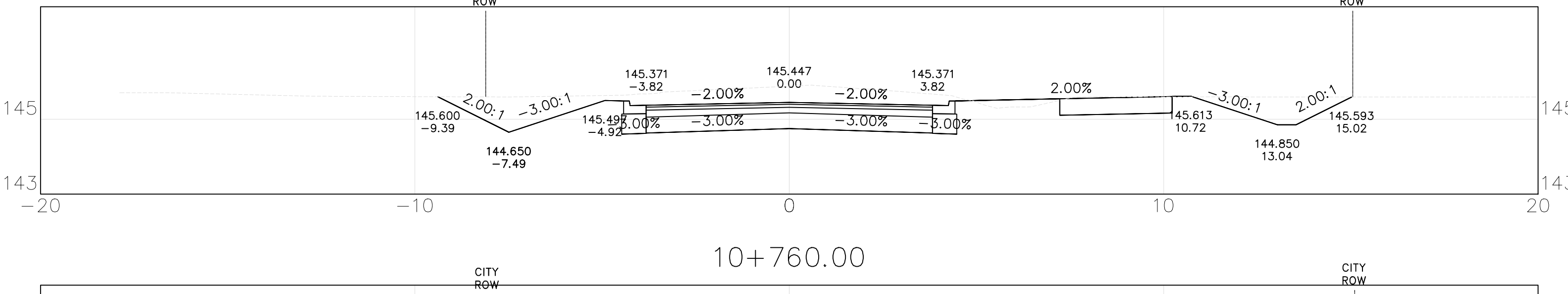
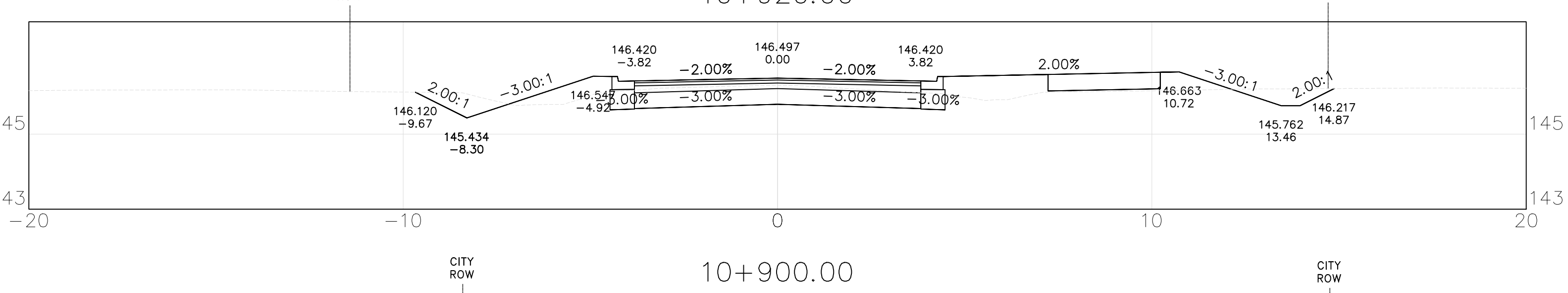
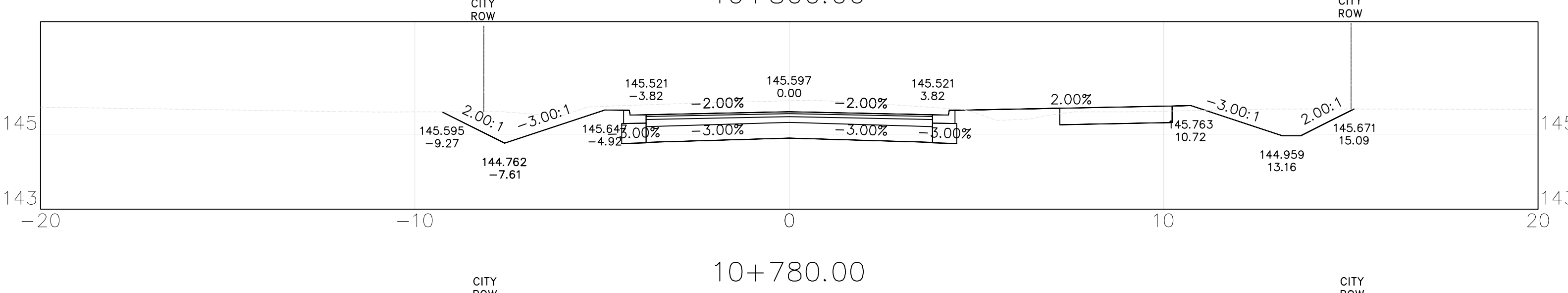
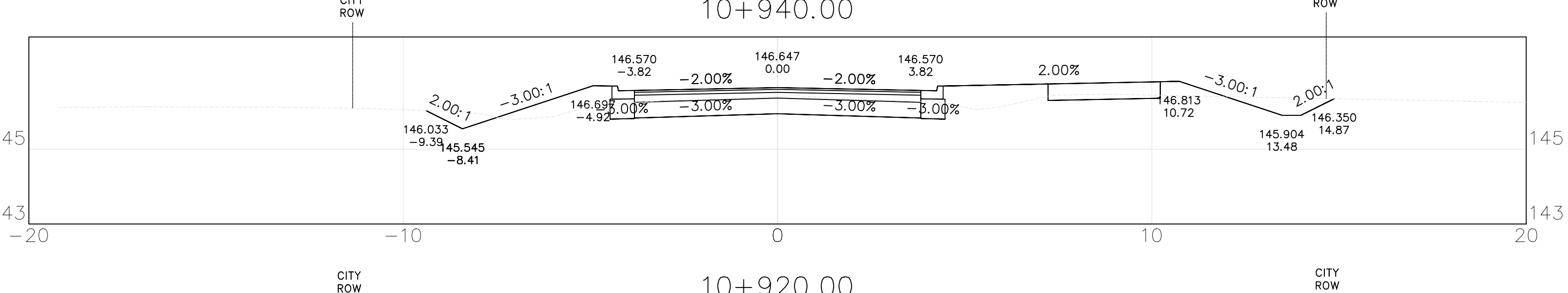
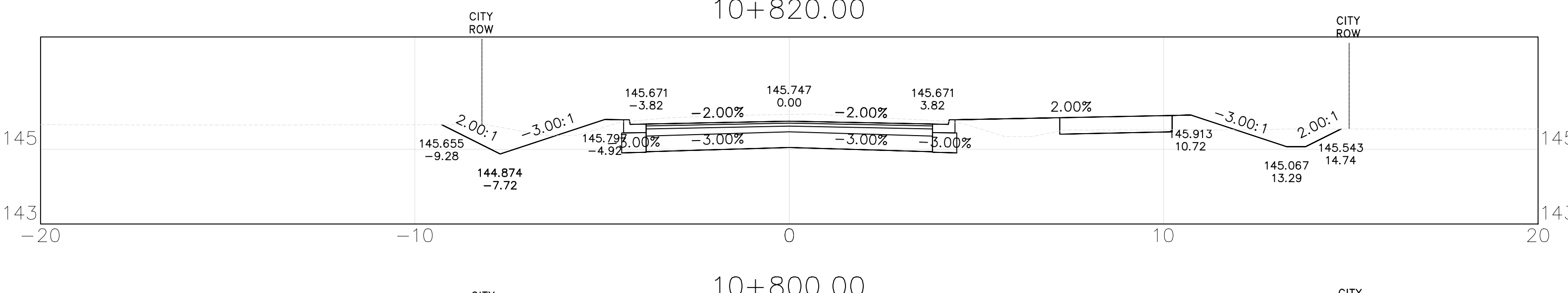
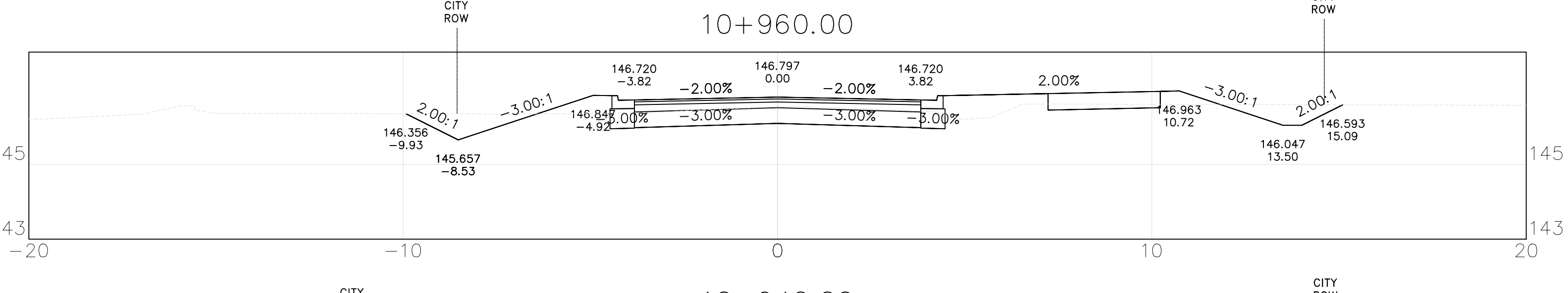
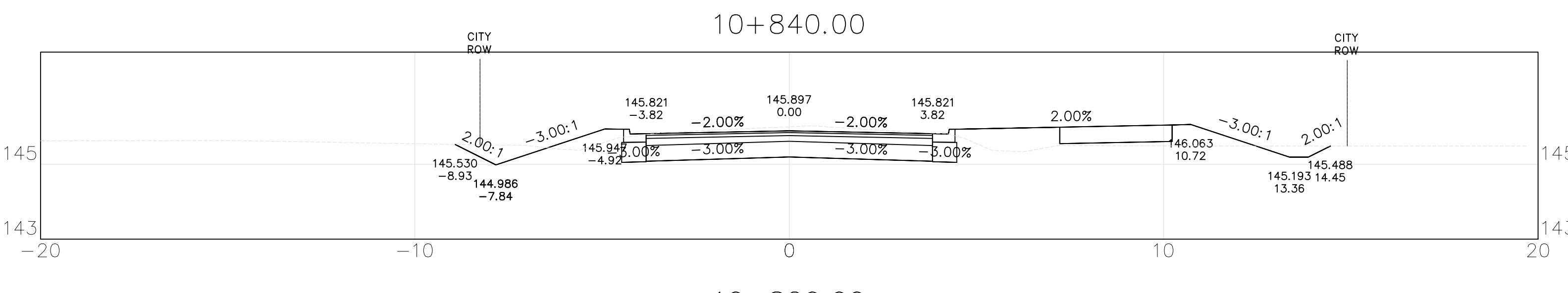
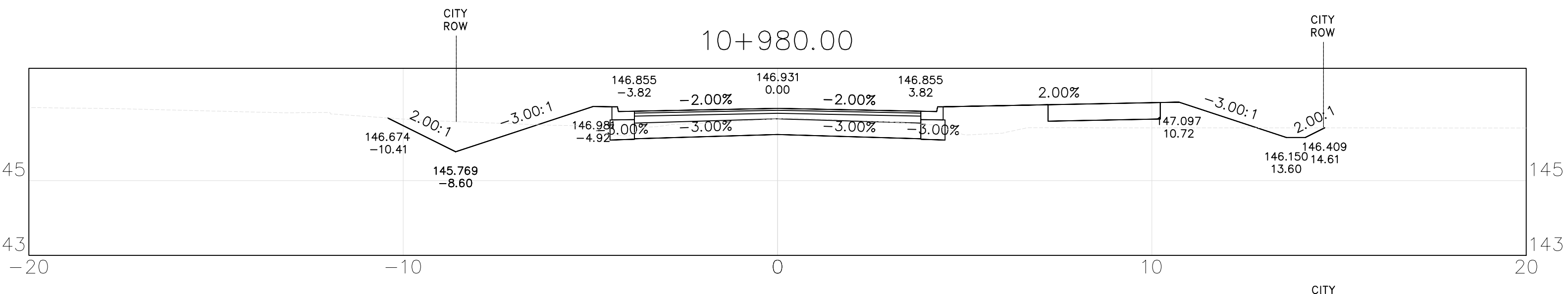
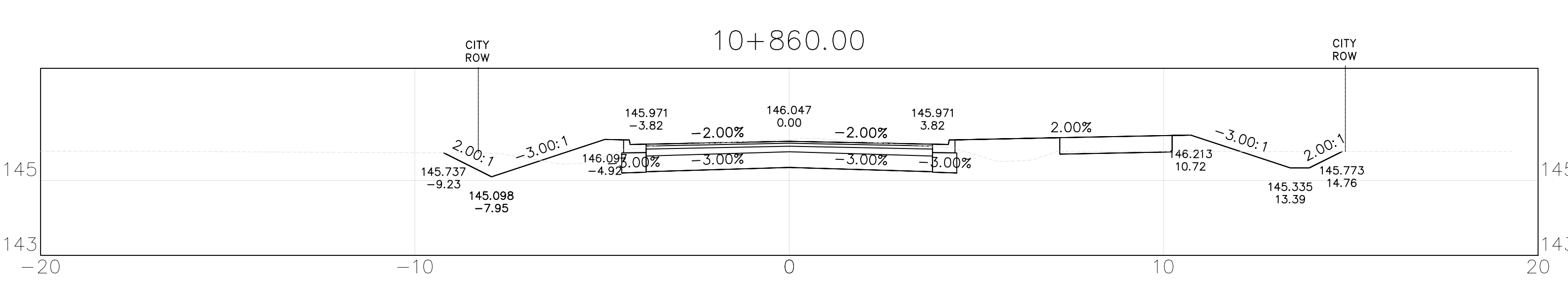


SCALE: 10m HORIZONTAL 1:500

SECTIONS SHEET 3 OF 11

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

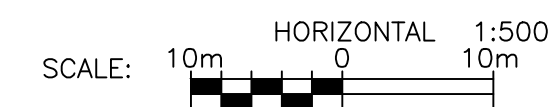
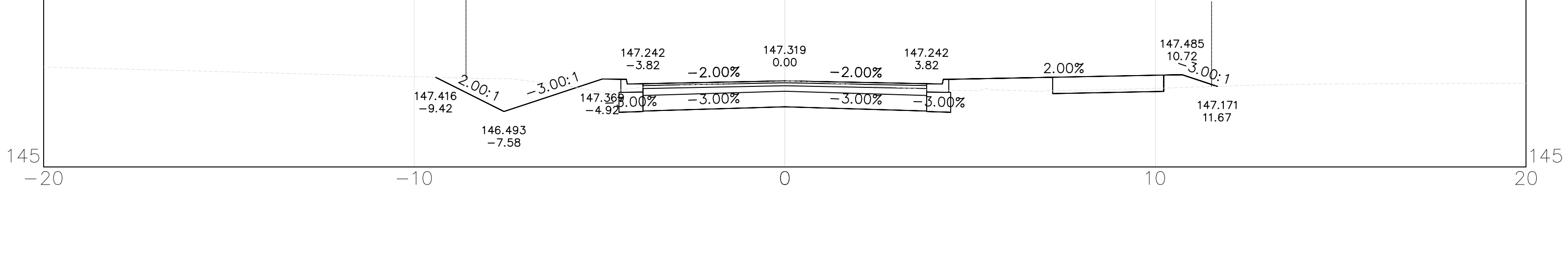
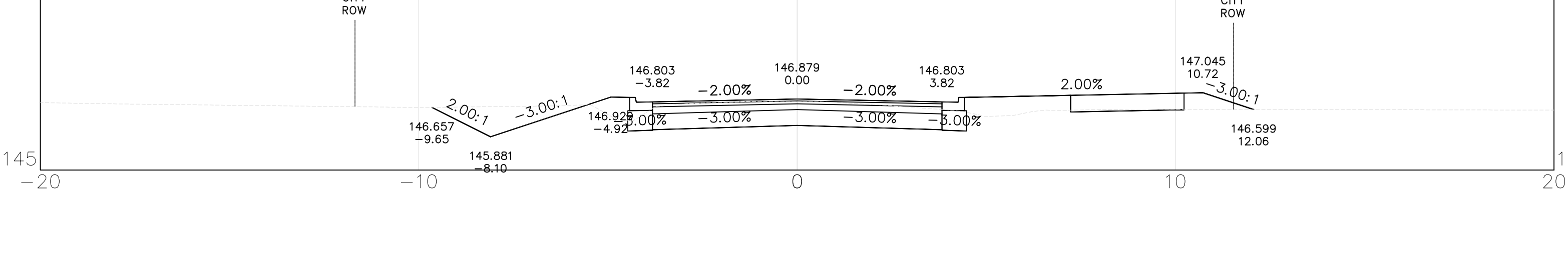
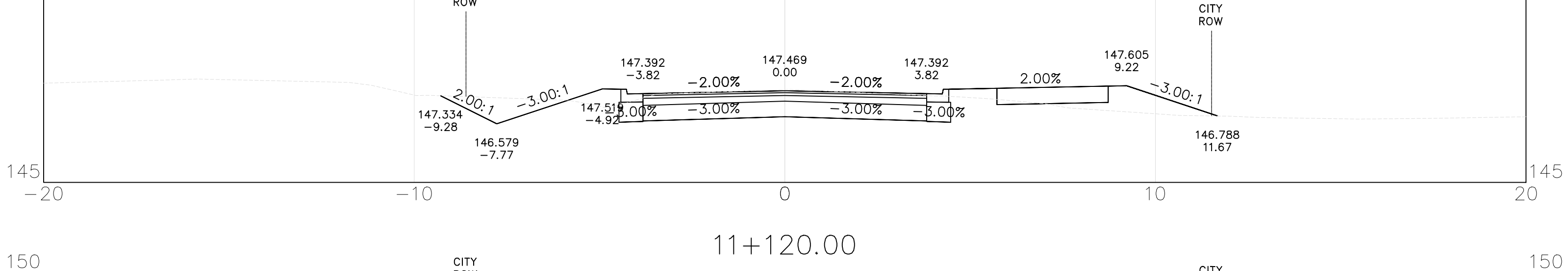
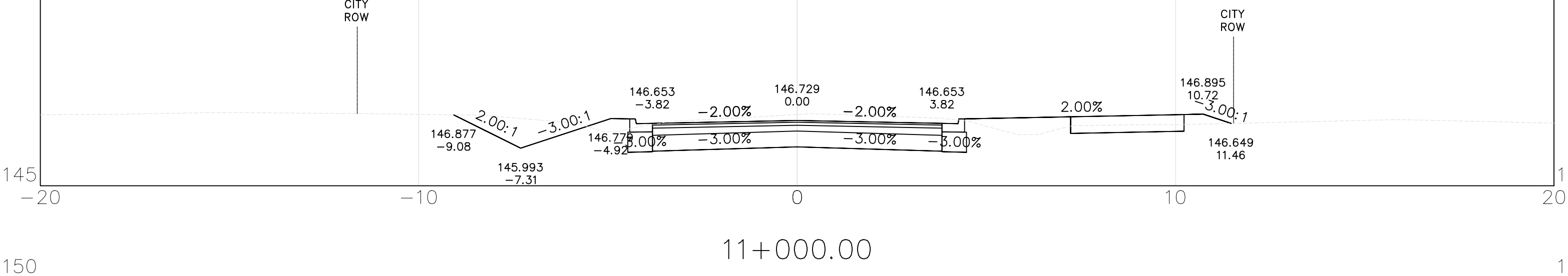
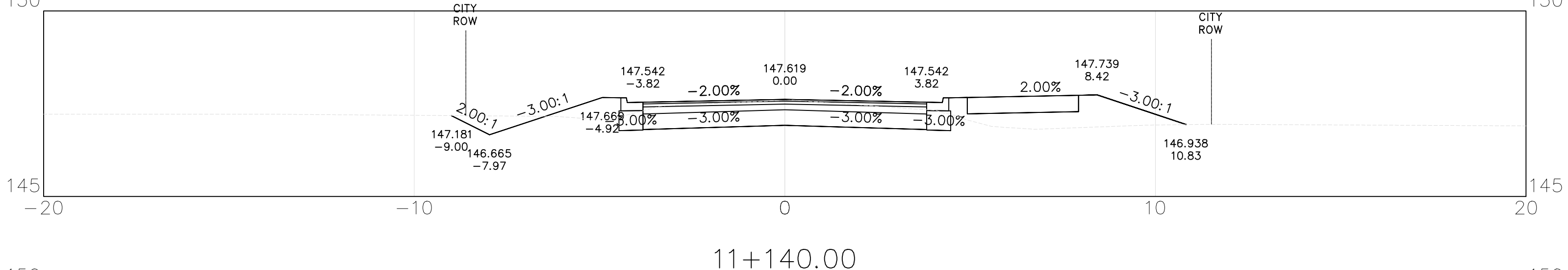
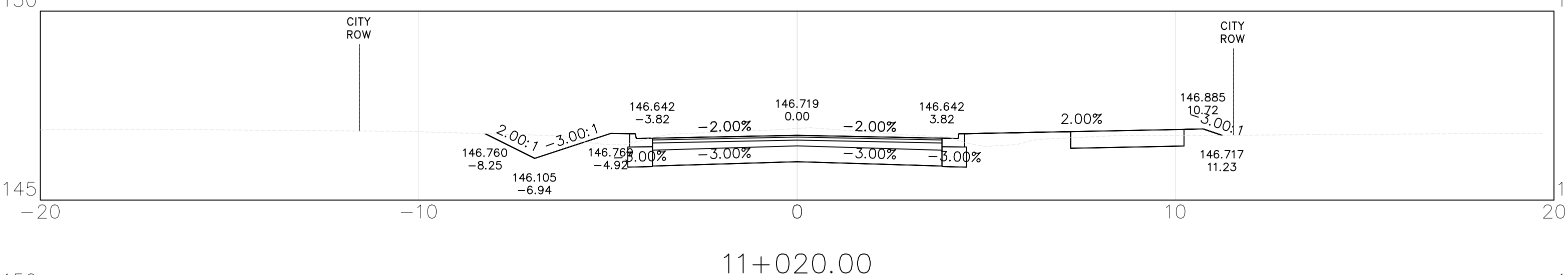
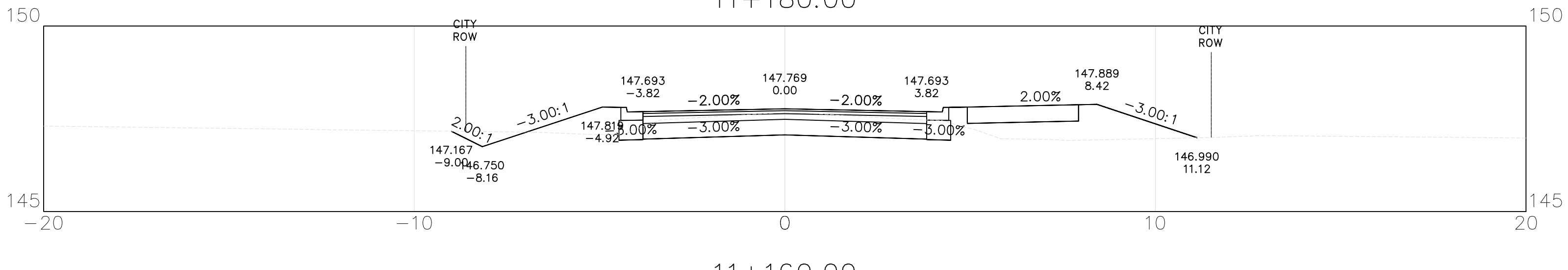
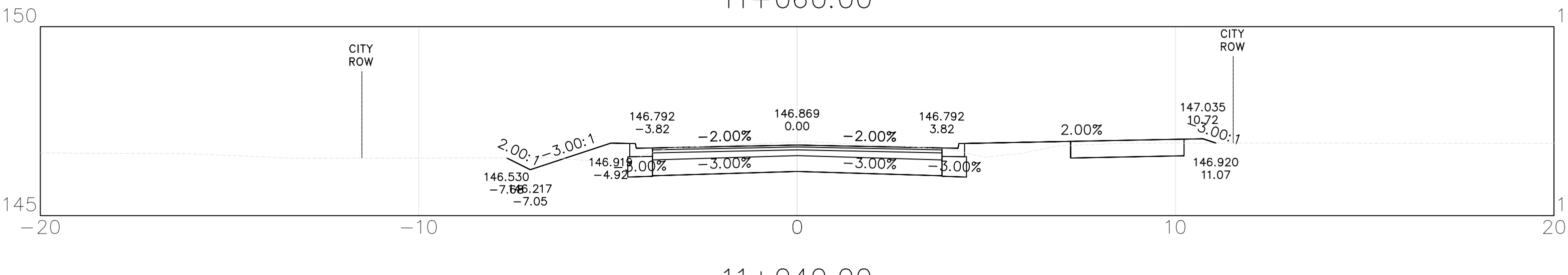
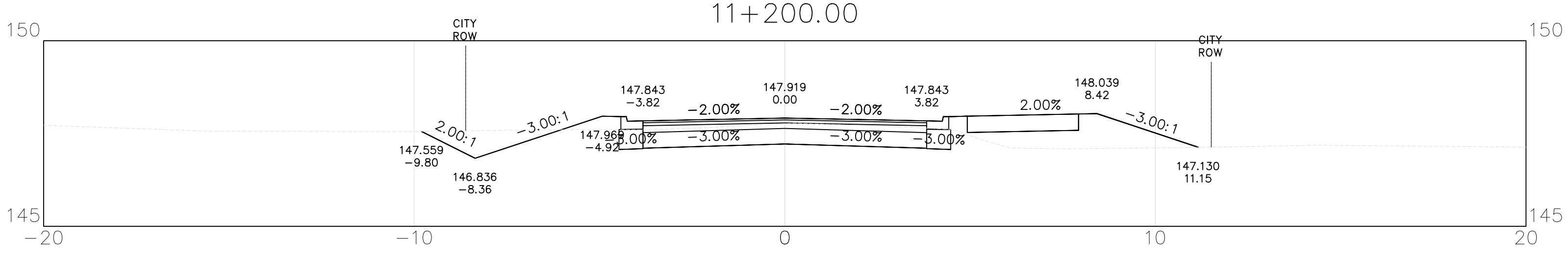
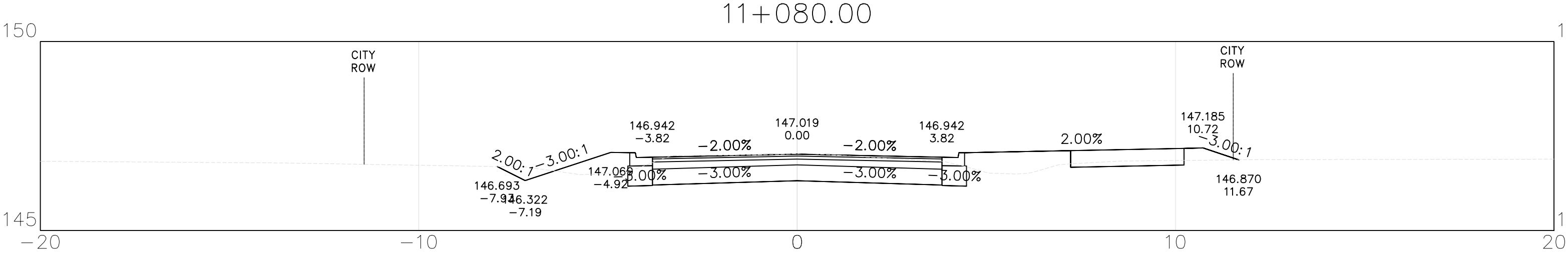
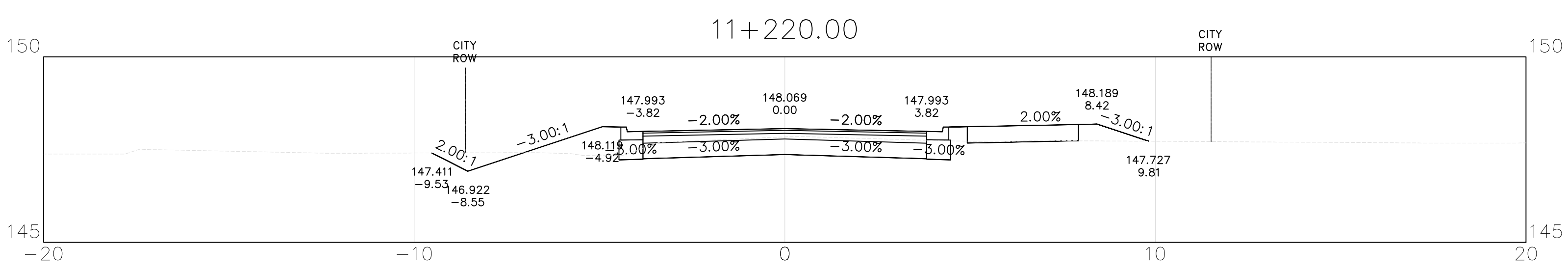
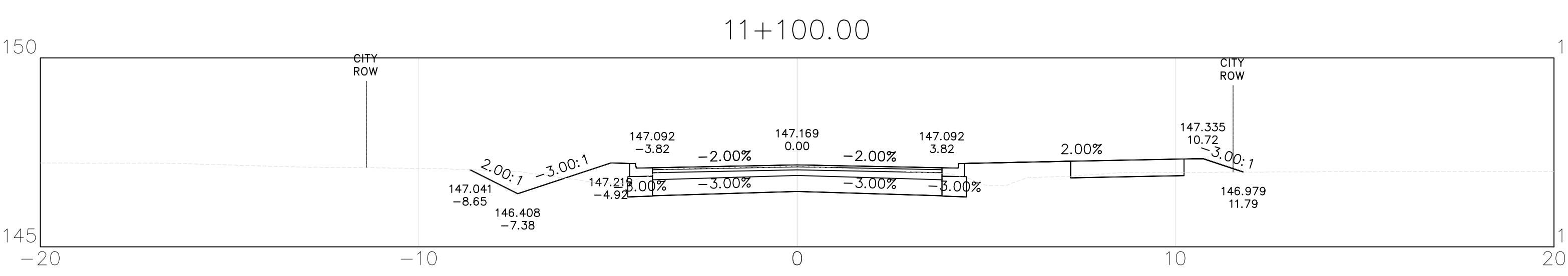
STEVENSON ROAD NORTH
 SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
 BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD



SECTIONS
SHEET 4 OF 11

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

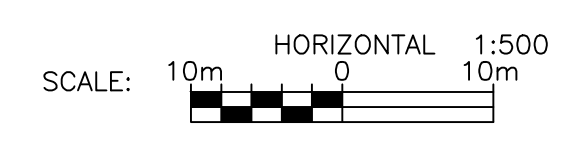
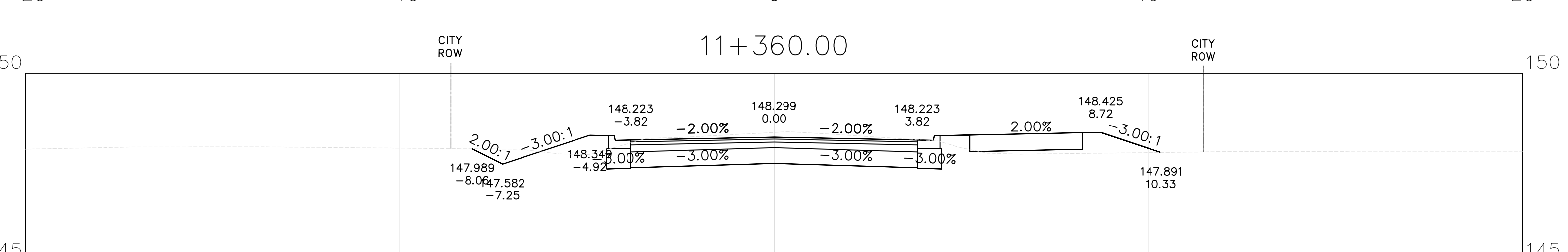
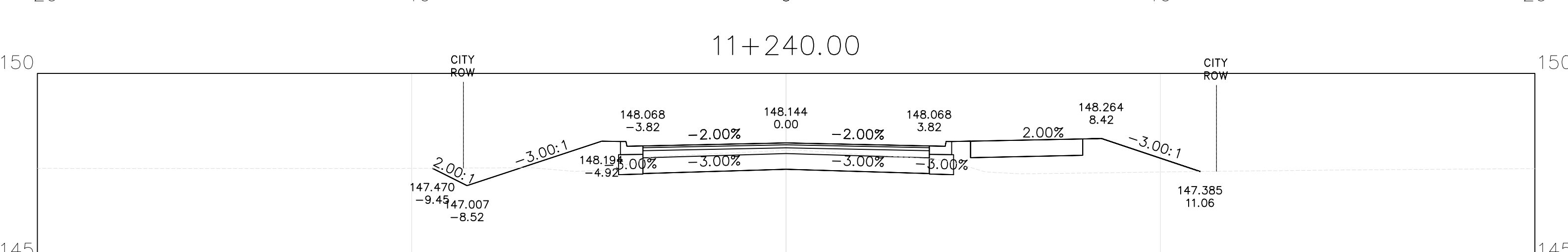
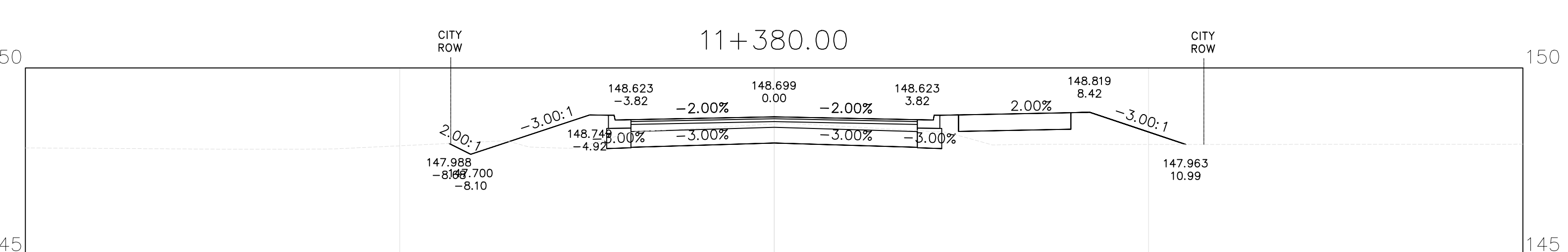
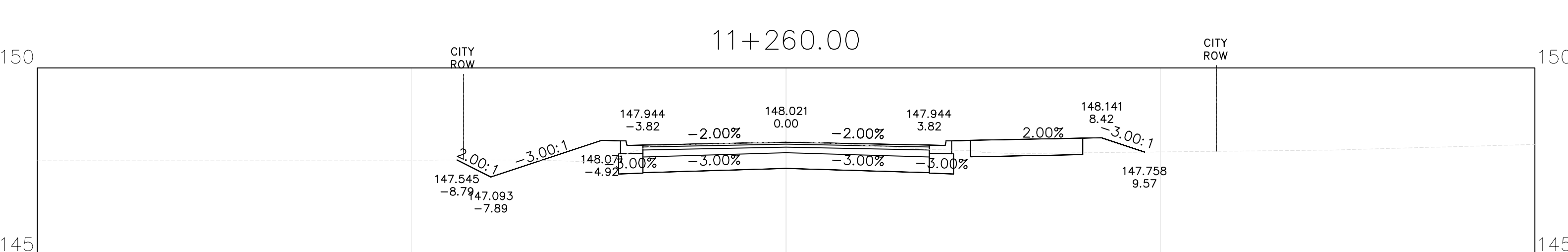
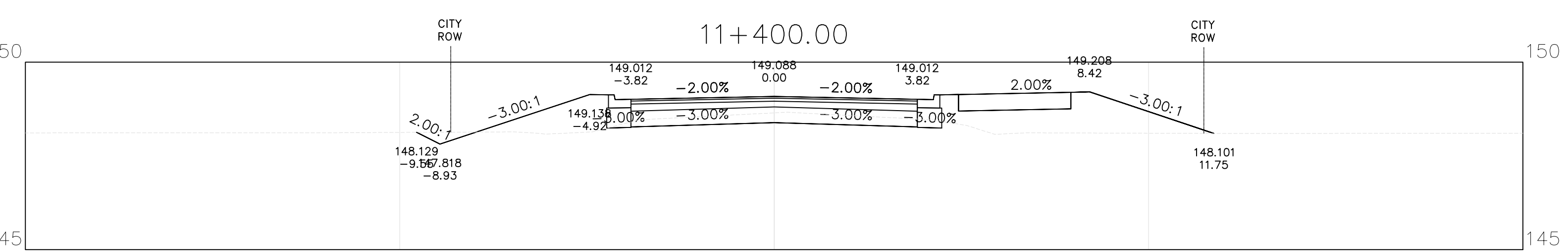
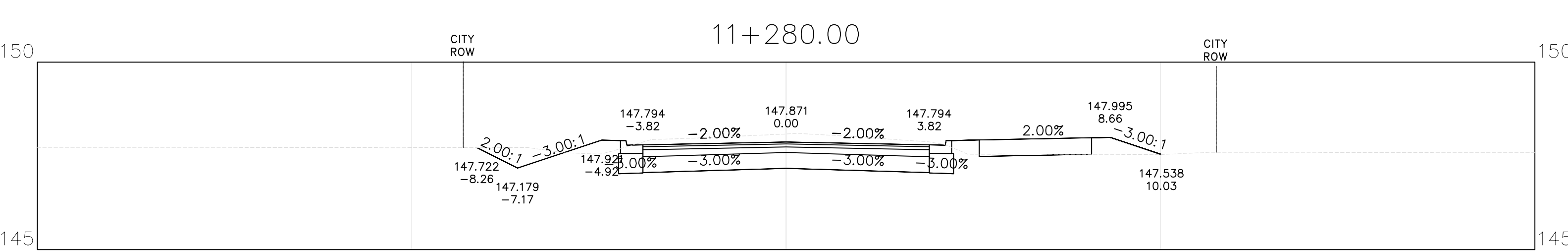
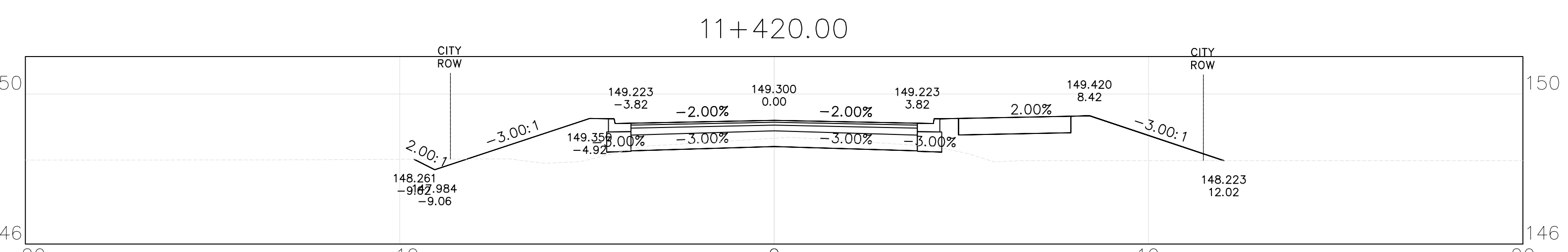
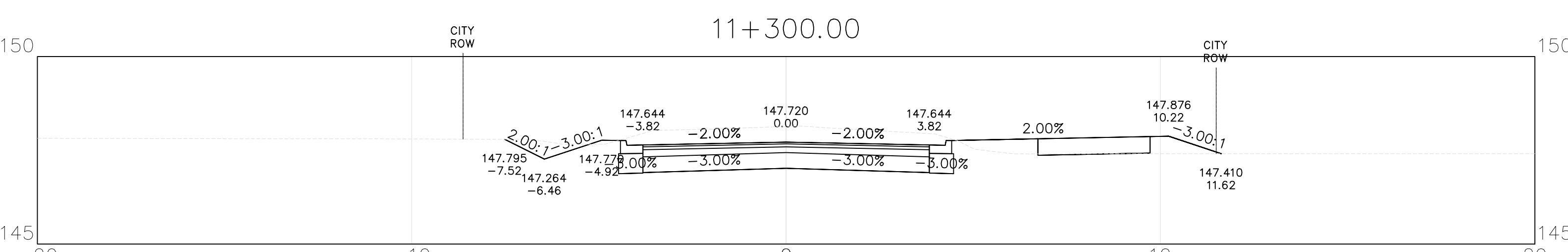
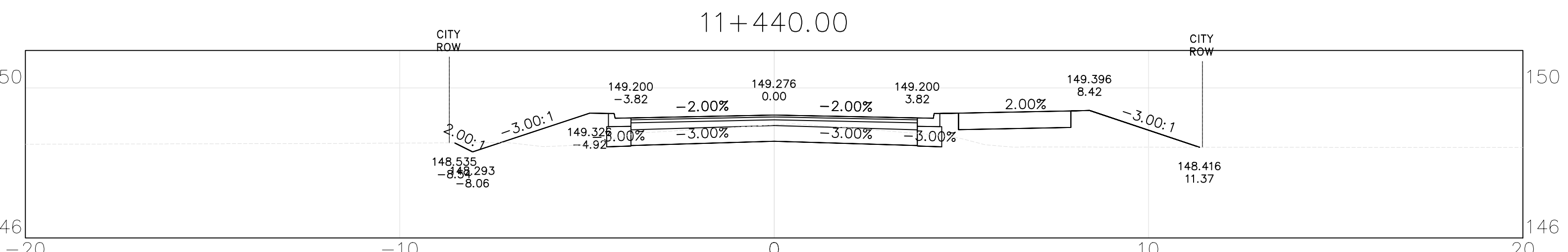
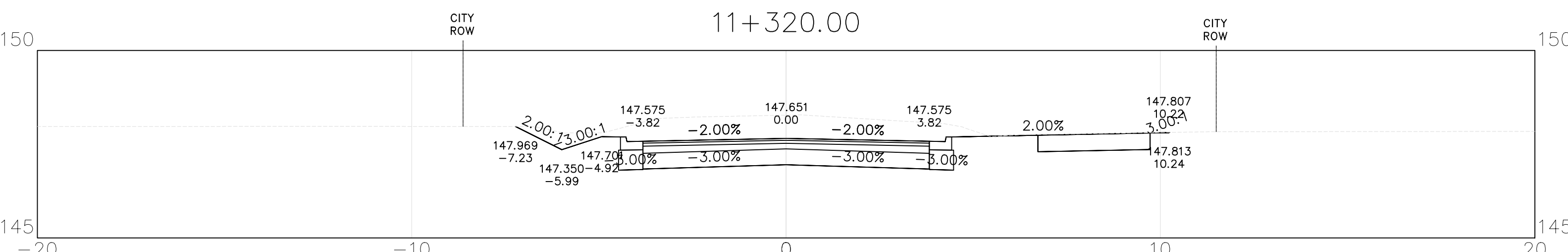
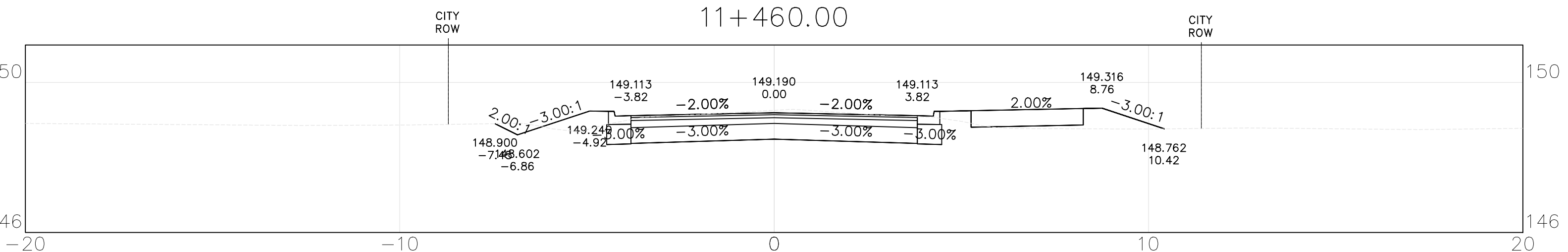
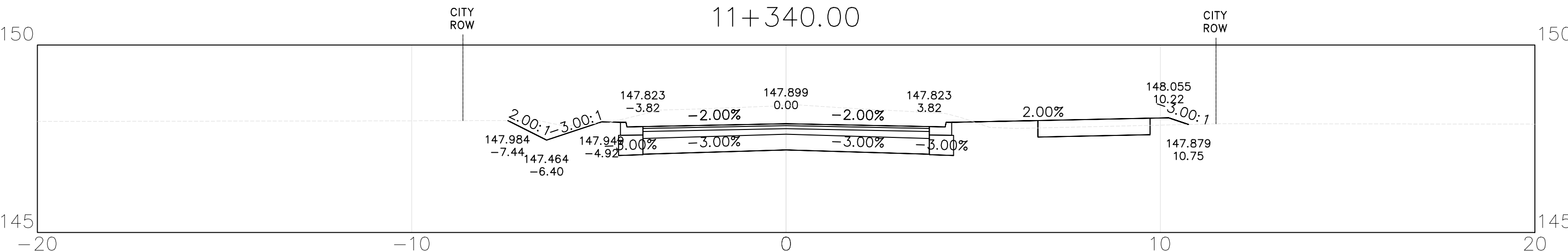
STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD



SECTIONS
SHEET 5 OF 11

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

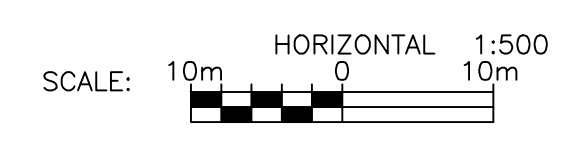
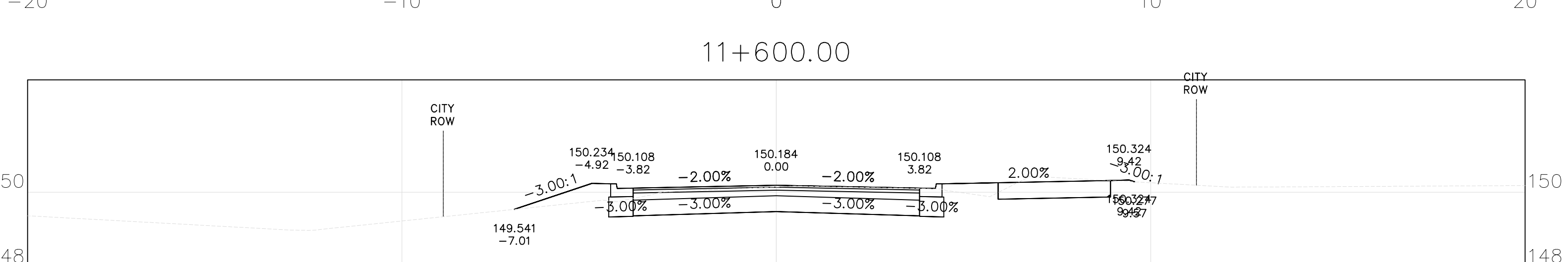
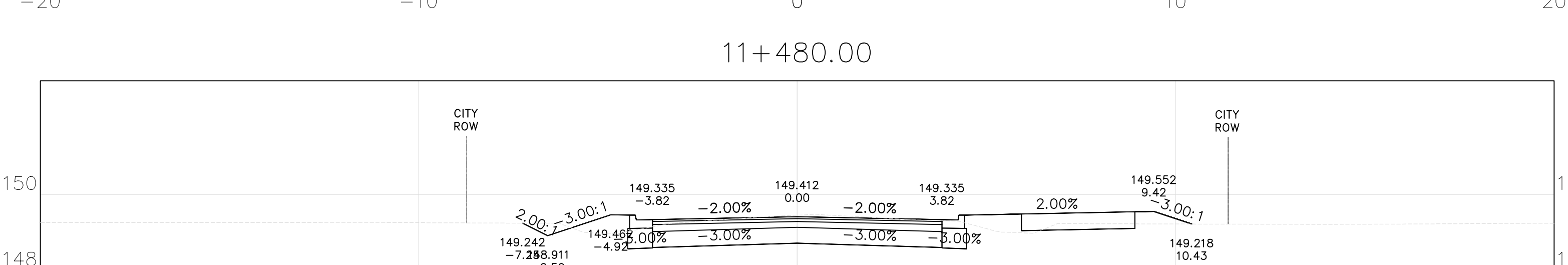
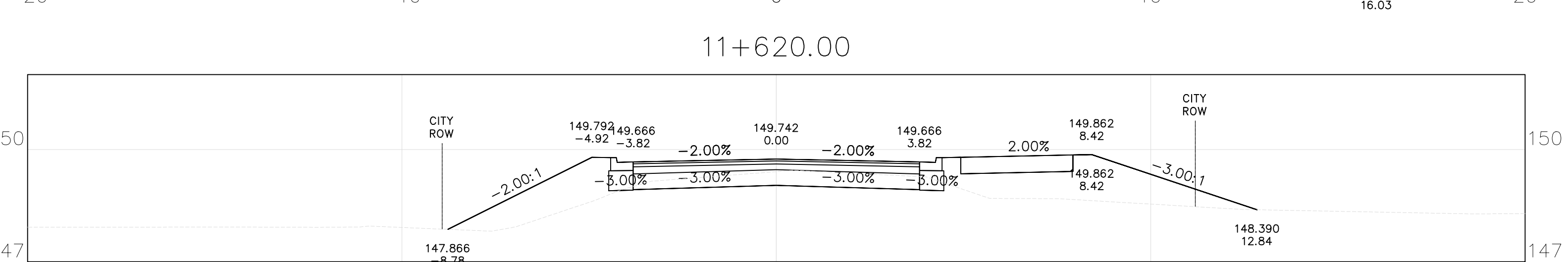
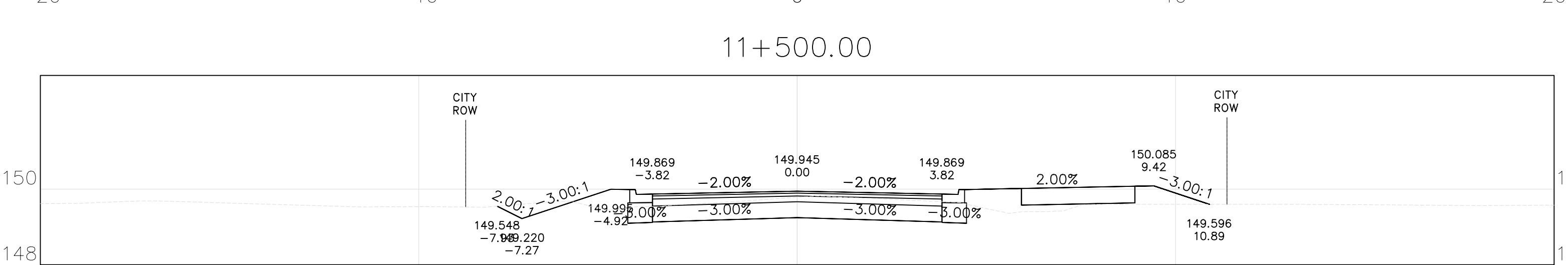
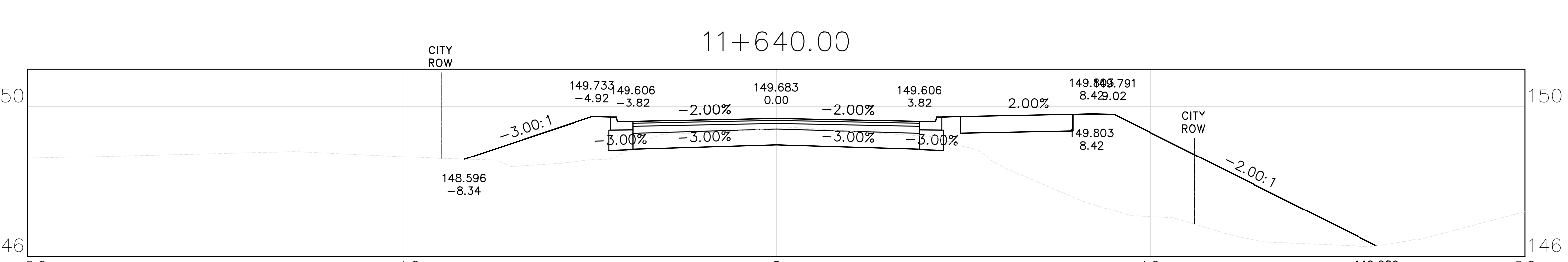
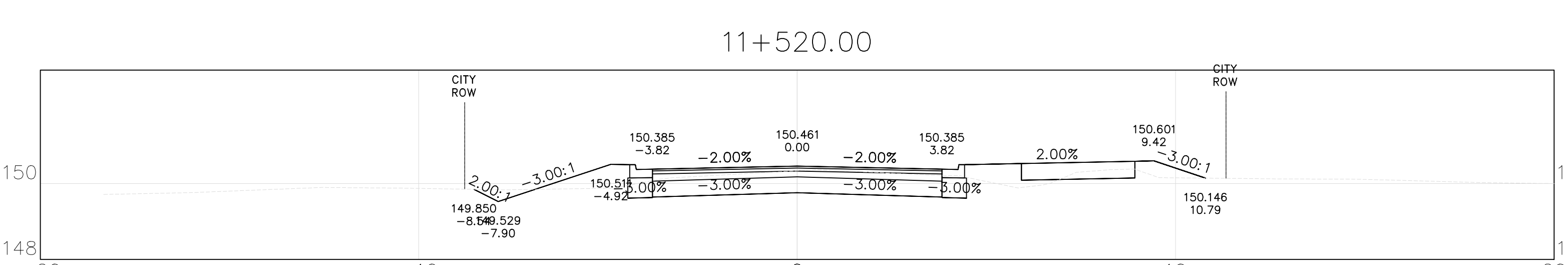
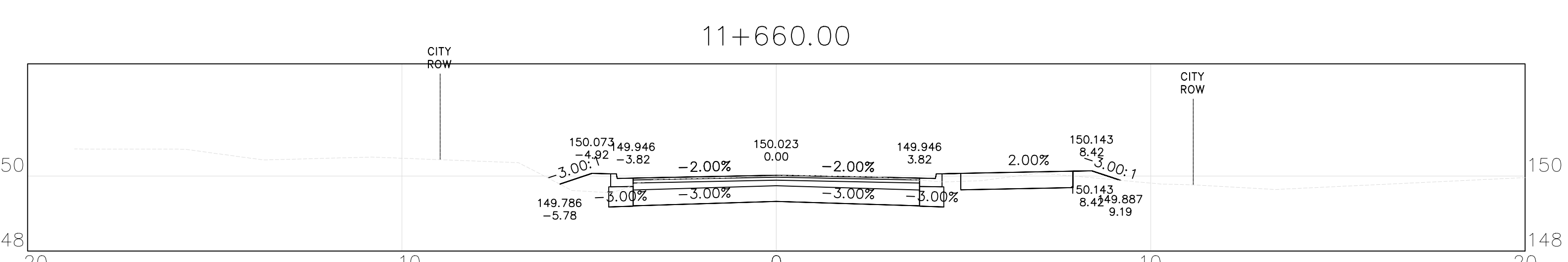
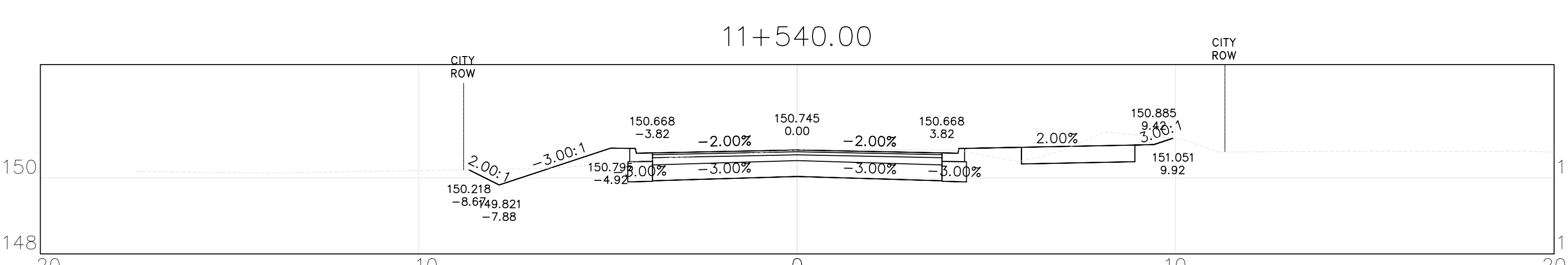
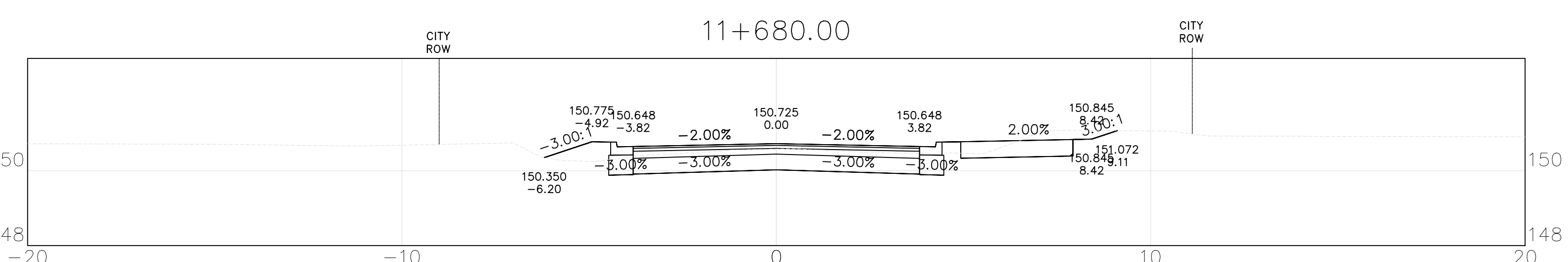
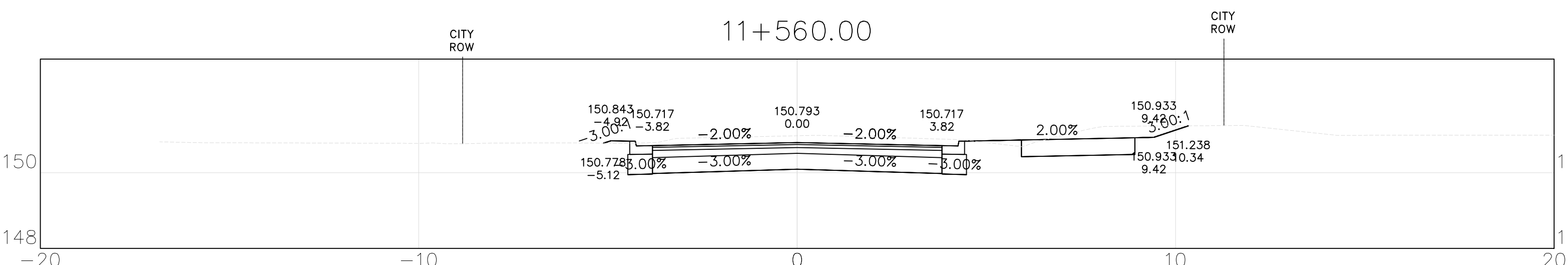
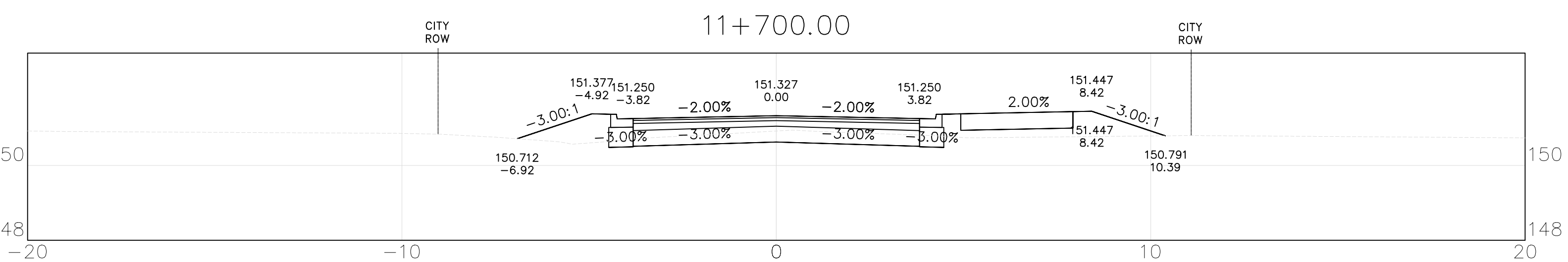
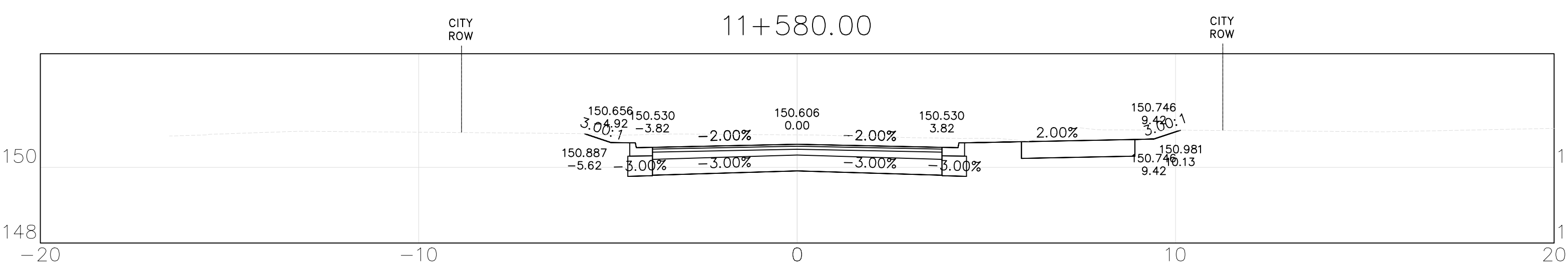
STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD



SECTIONS
SHEET 6 OF 11

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

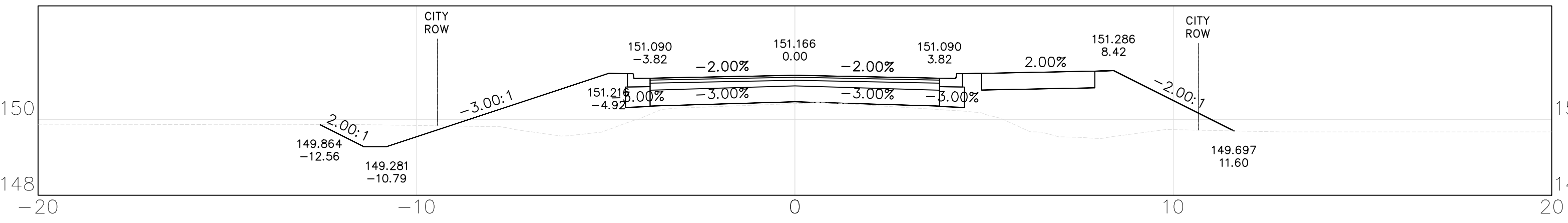
STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD



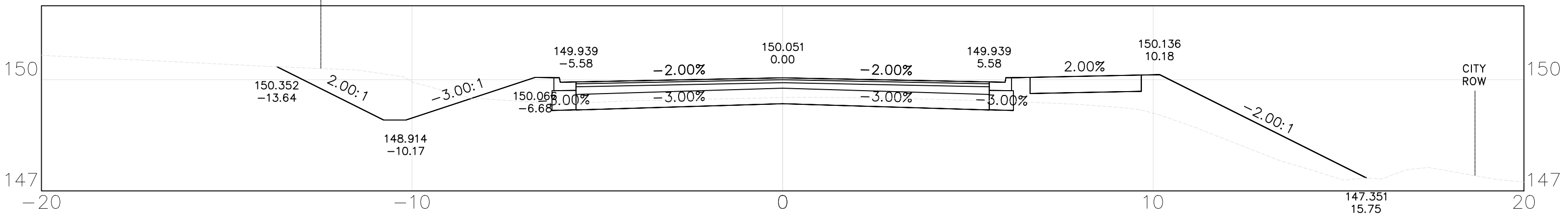
SECTIONS
SHEET 7 OF 11
2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

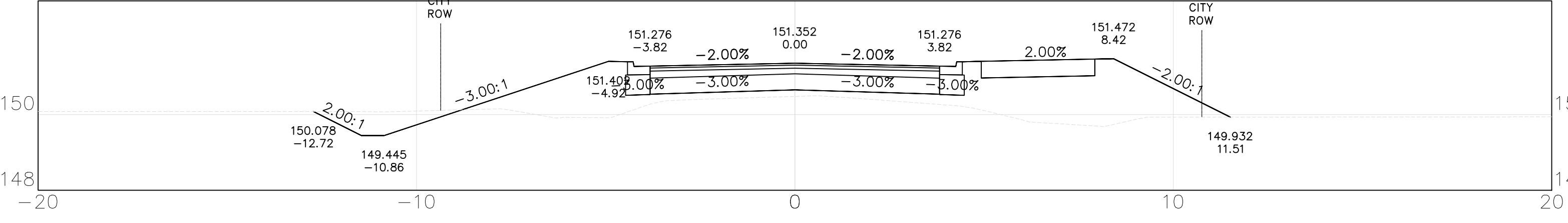
11+820.00



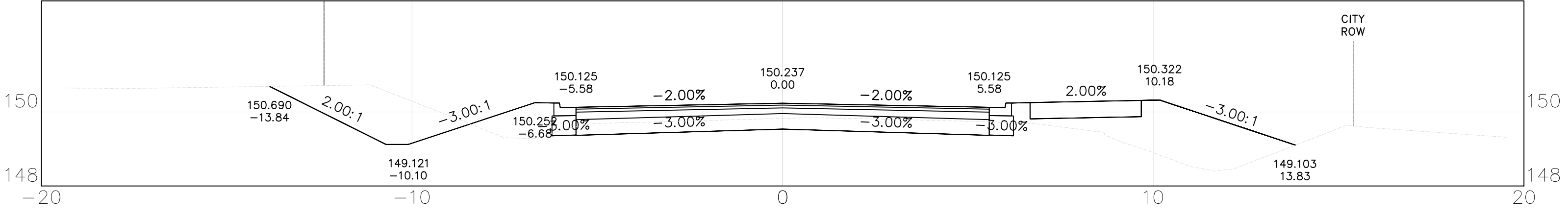
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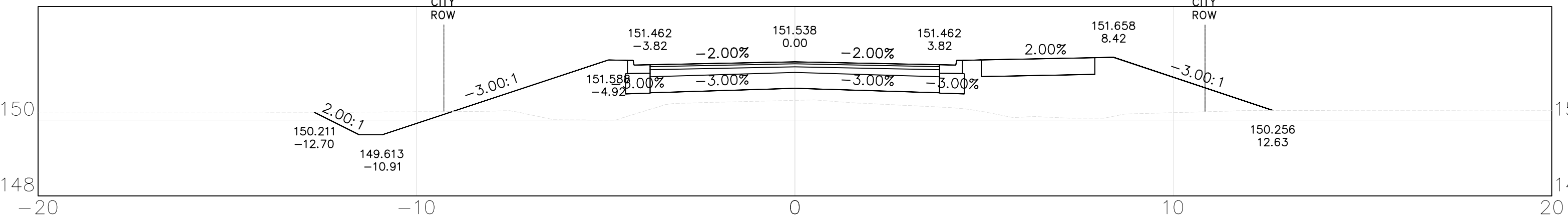
11+800.00



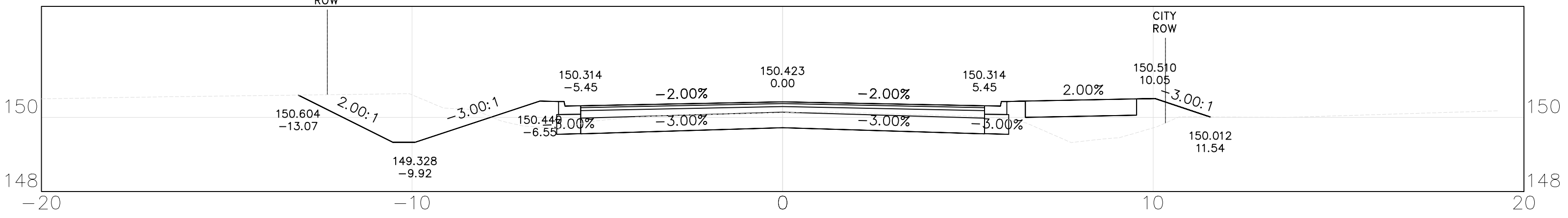
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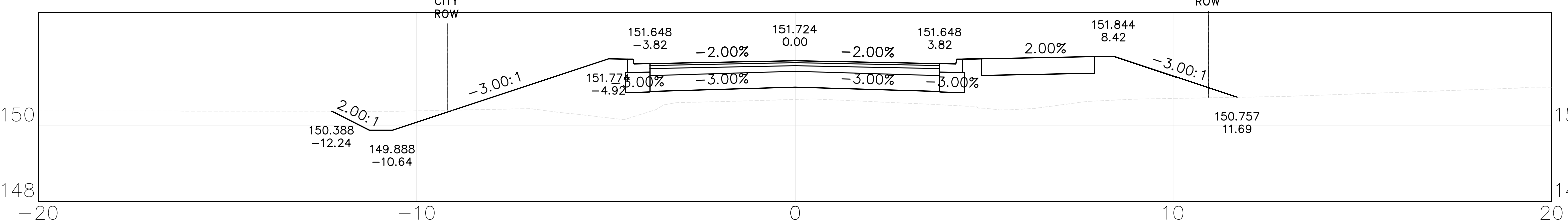
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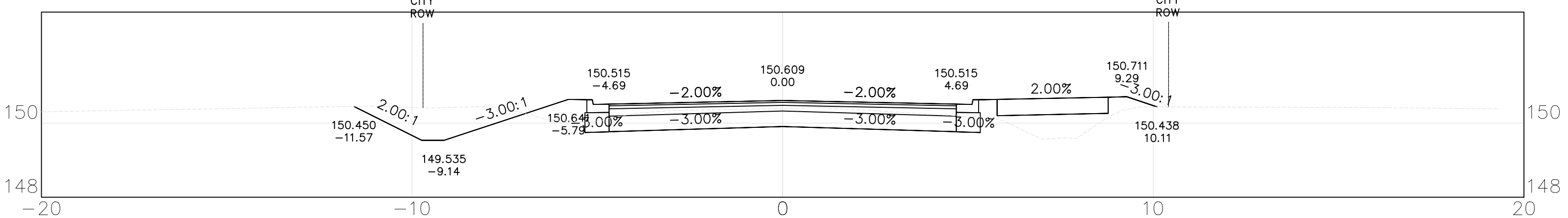
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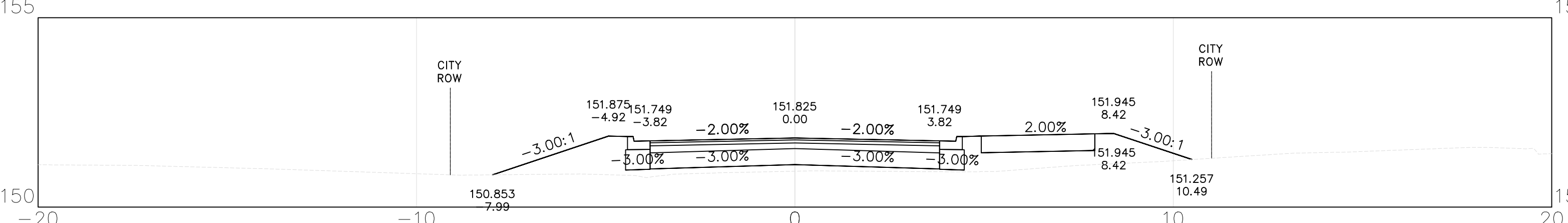
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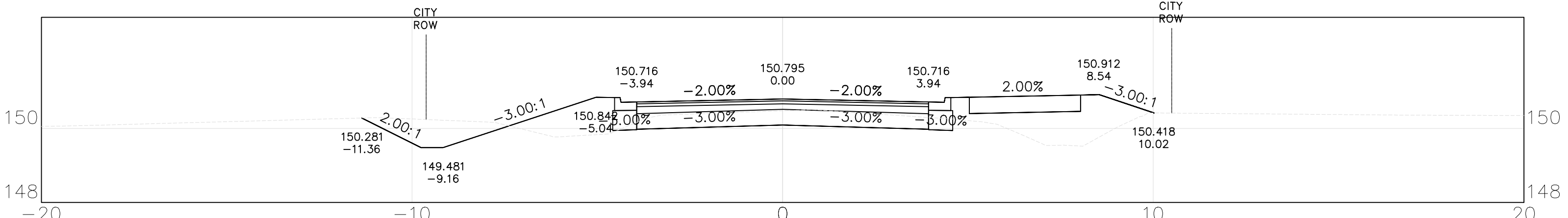
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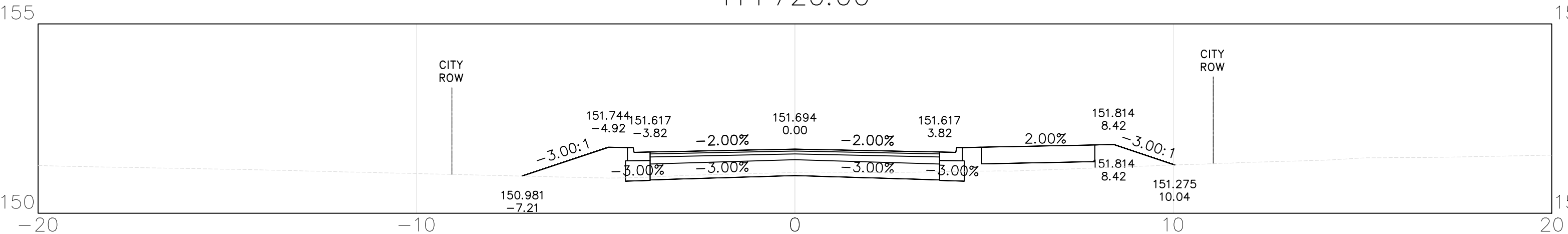
11+740.00



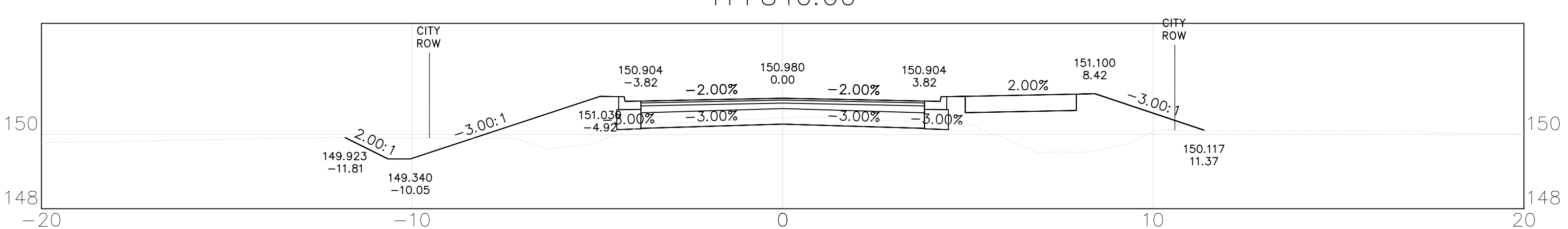
11+860.00



11+720.00



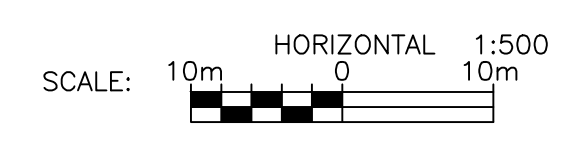
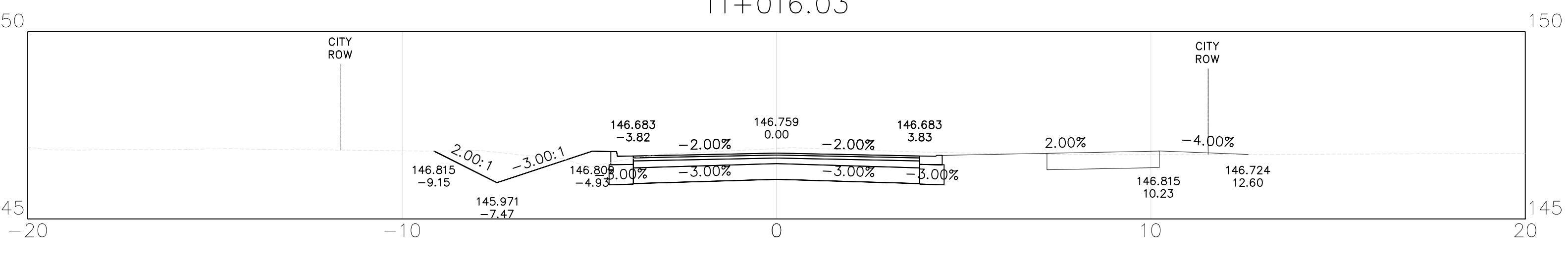
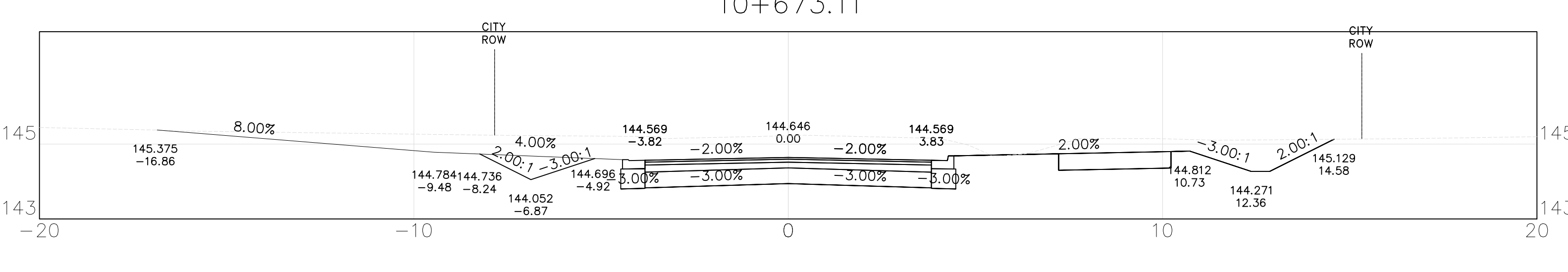
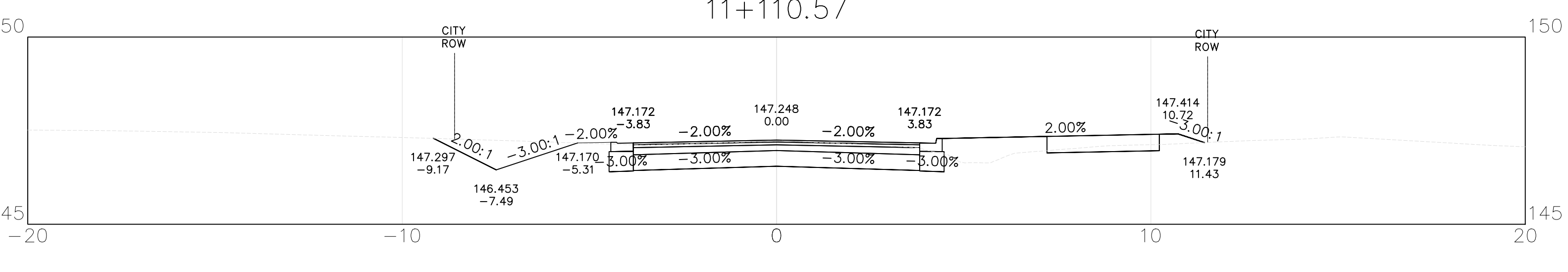
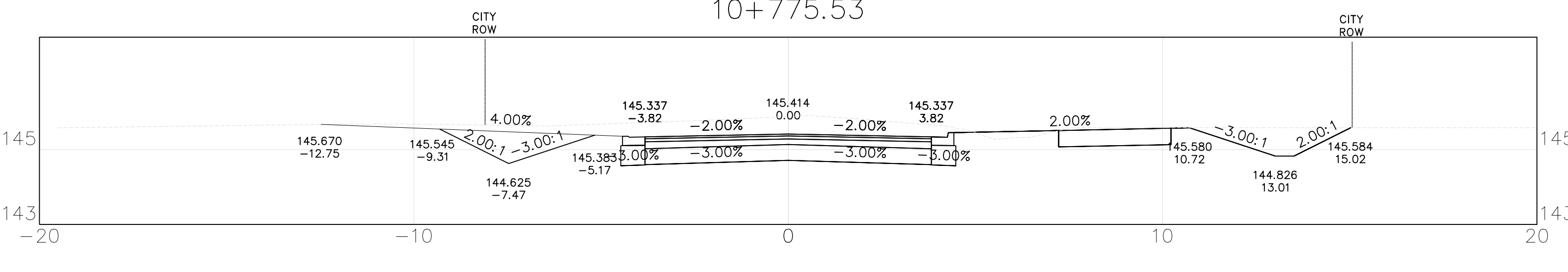
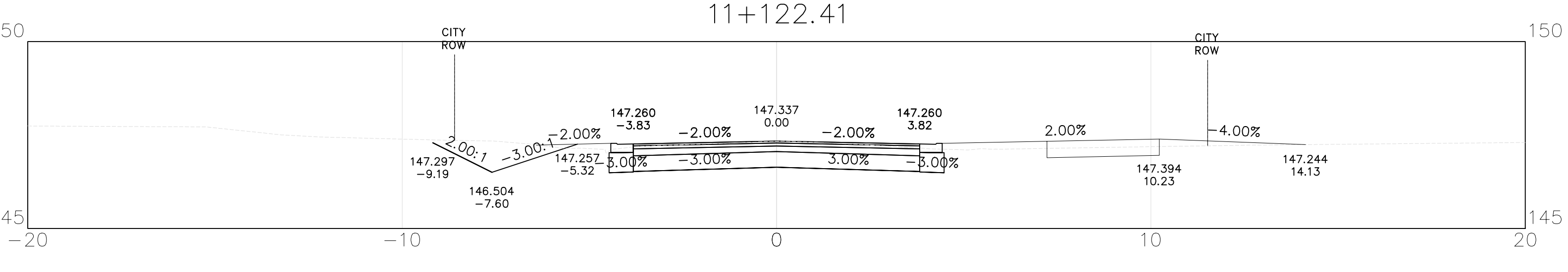
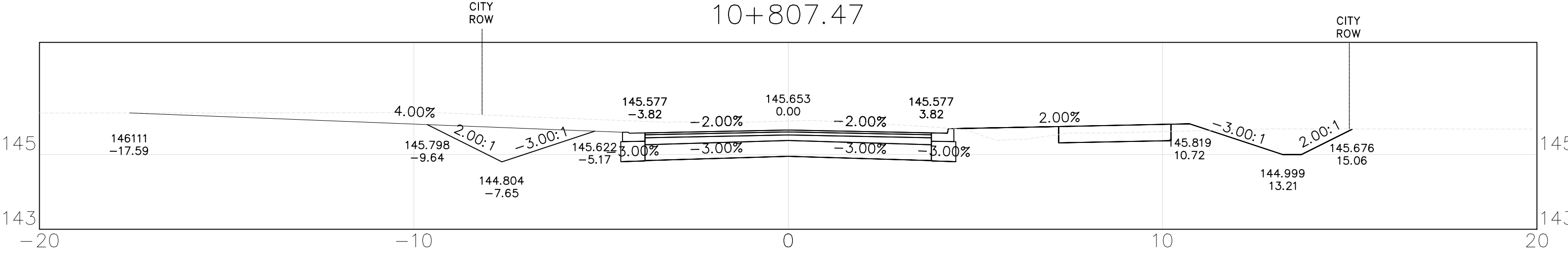
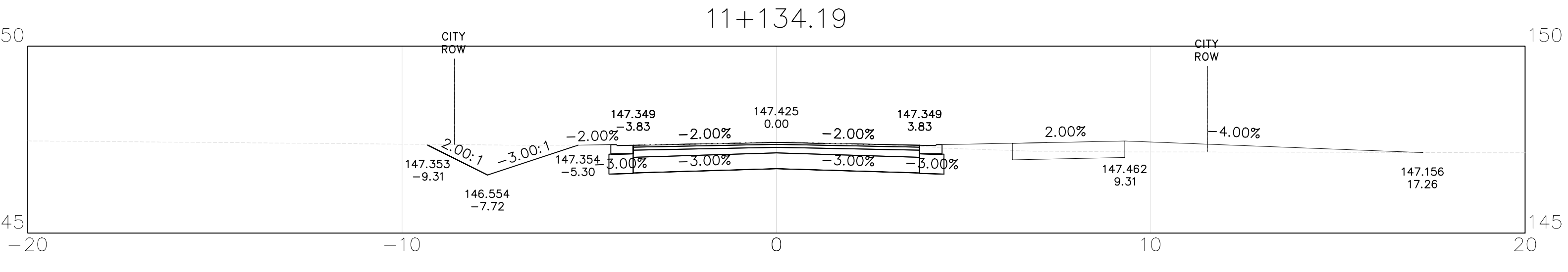
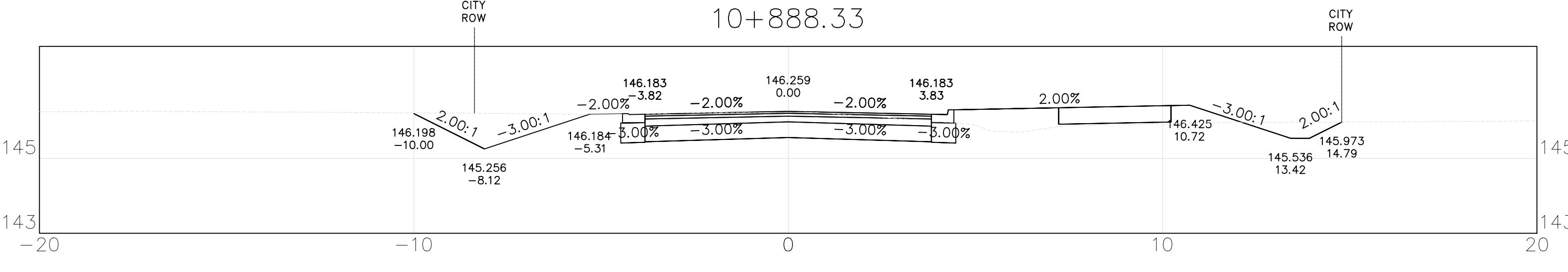
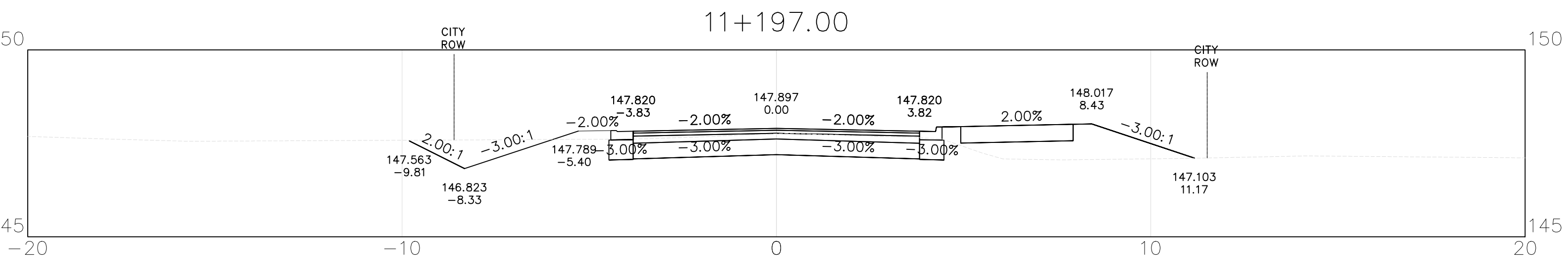
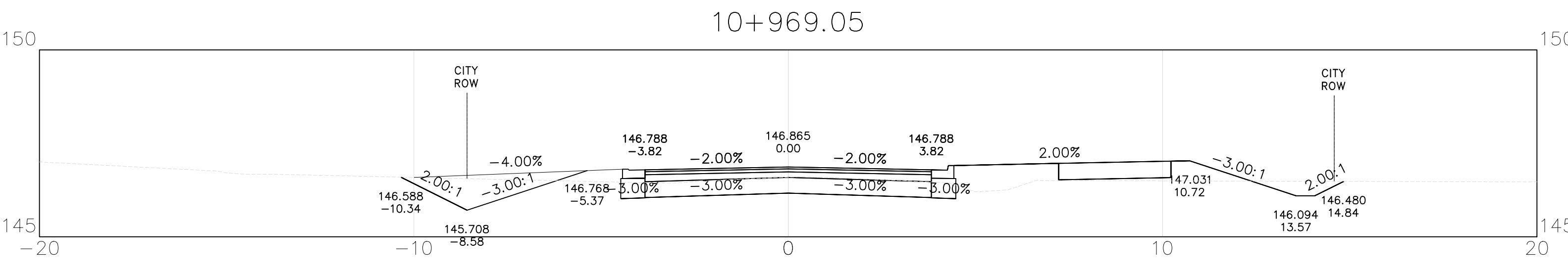
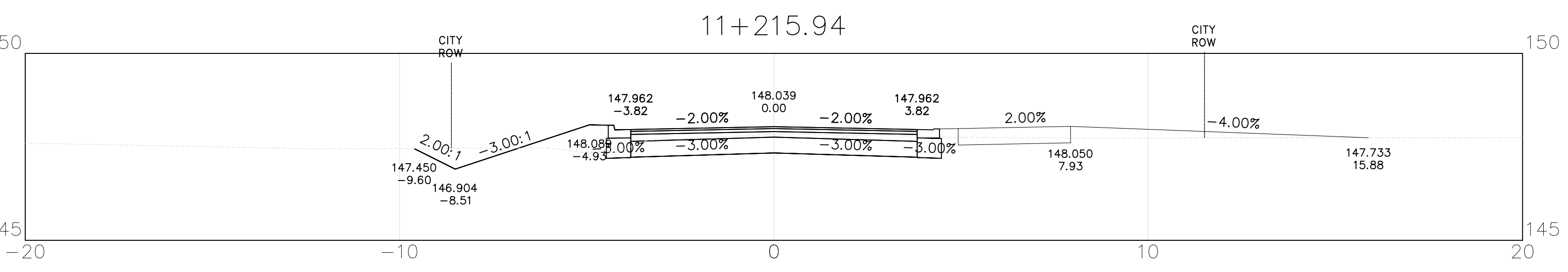
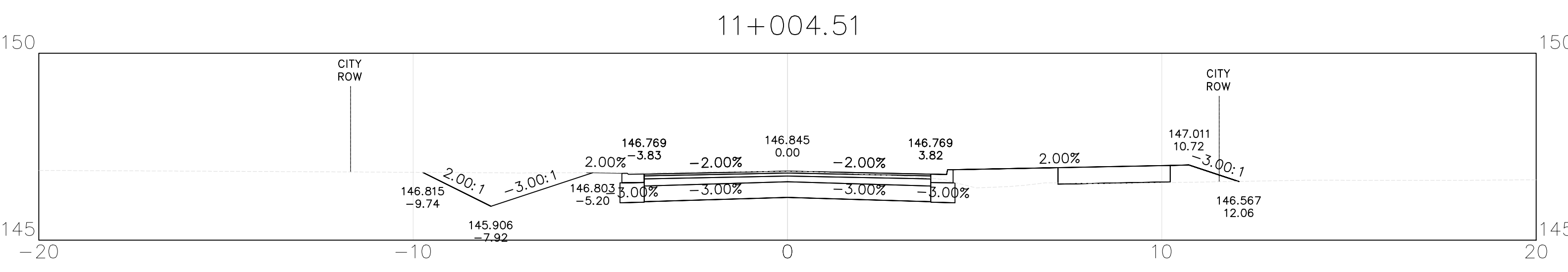
11+840.00



SECTIONS
SHEET 8 OF 11

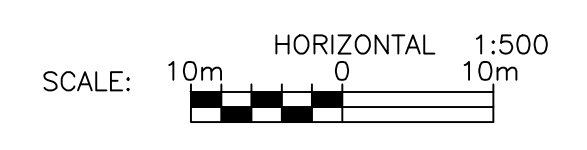
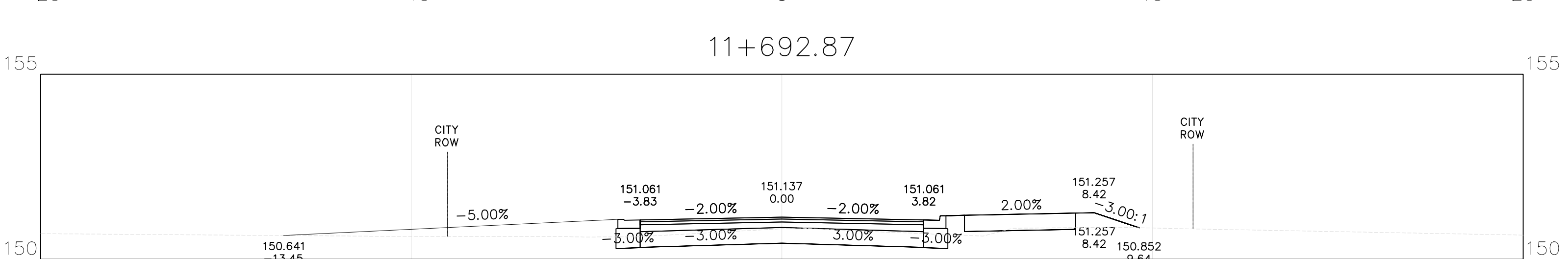
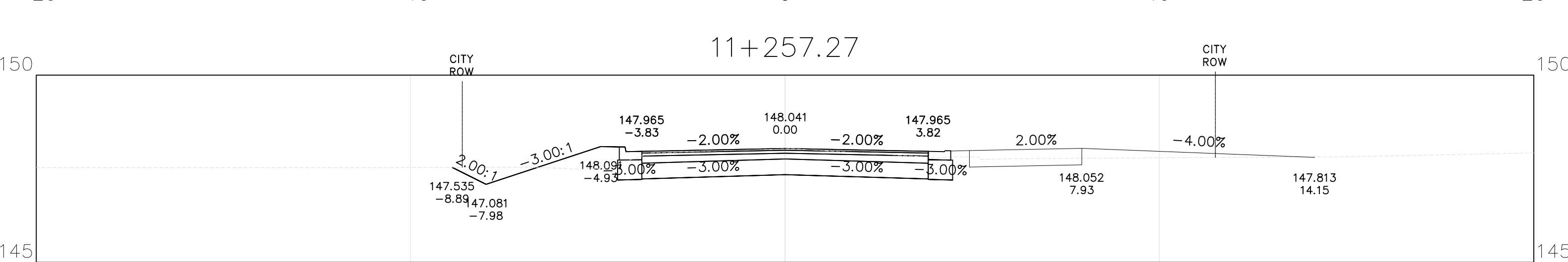
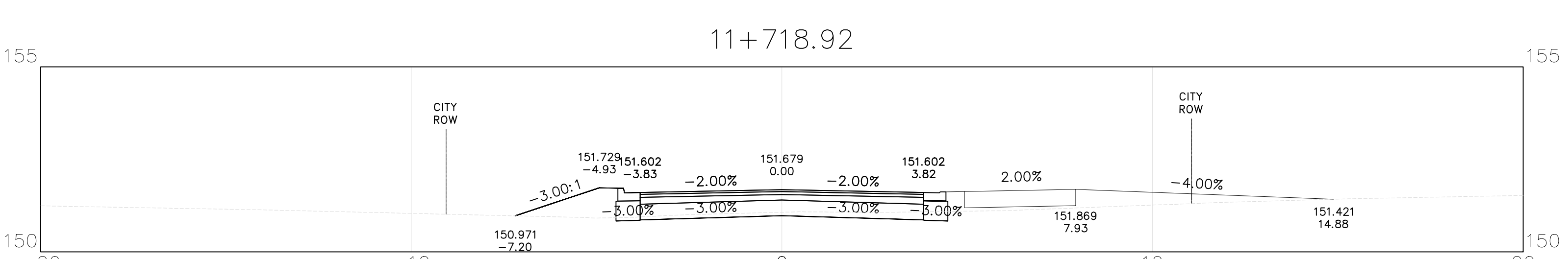
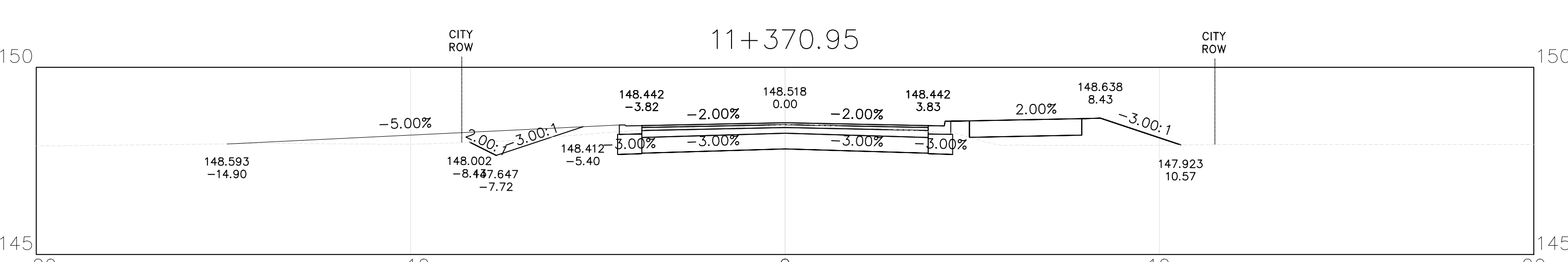
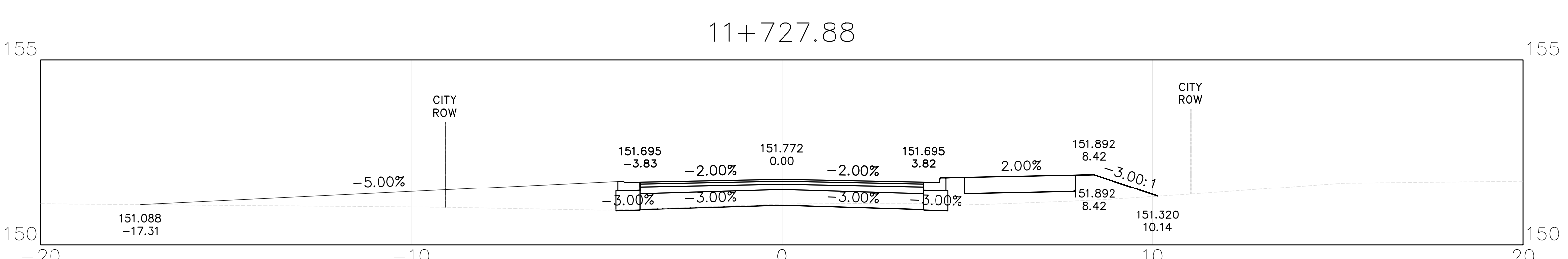
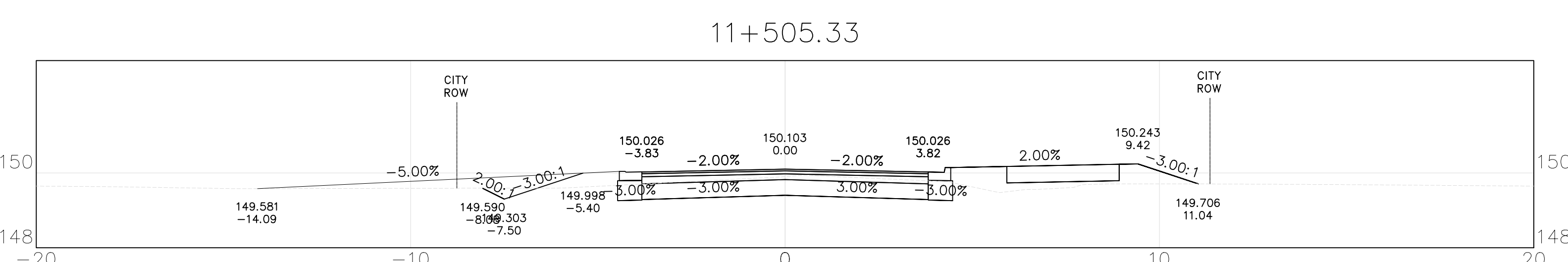
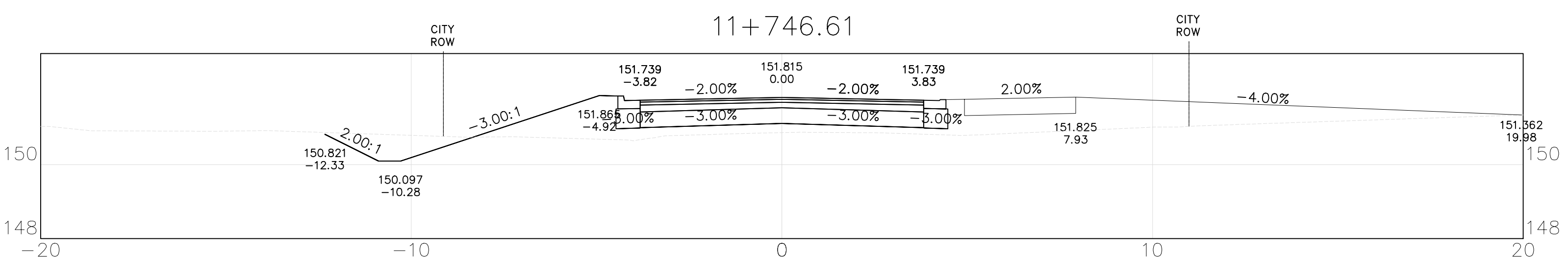
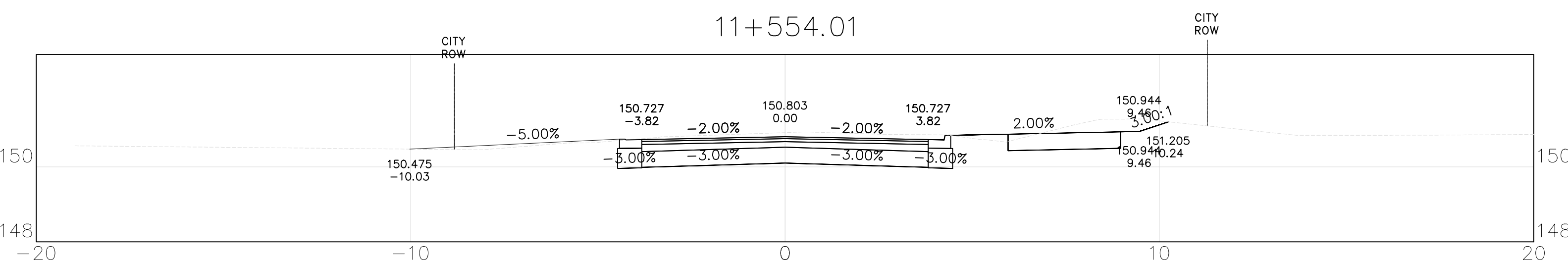
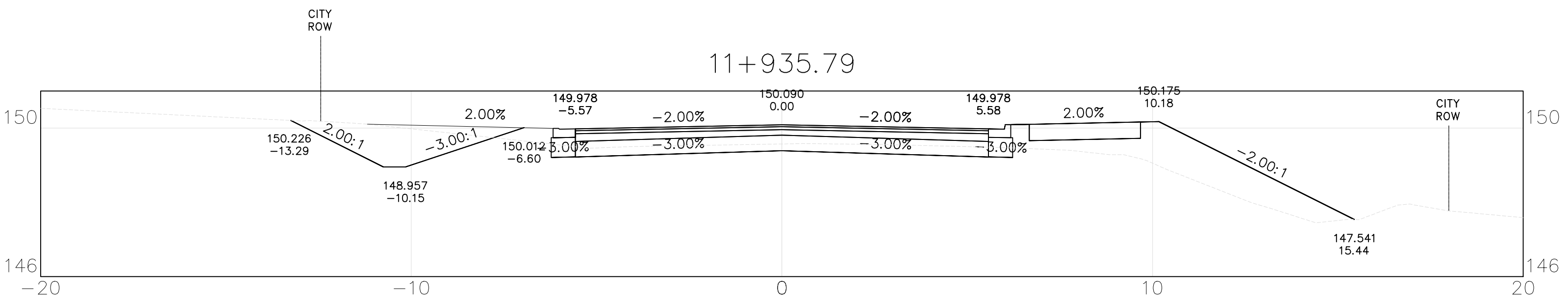
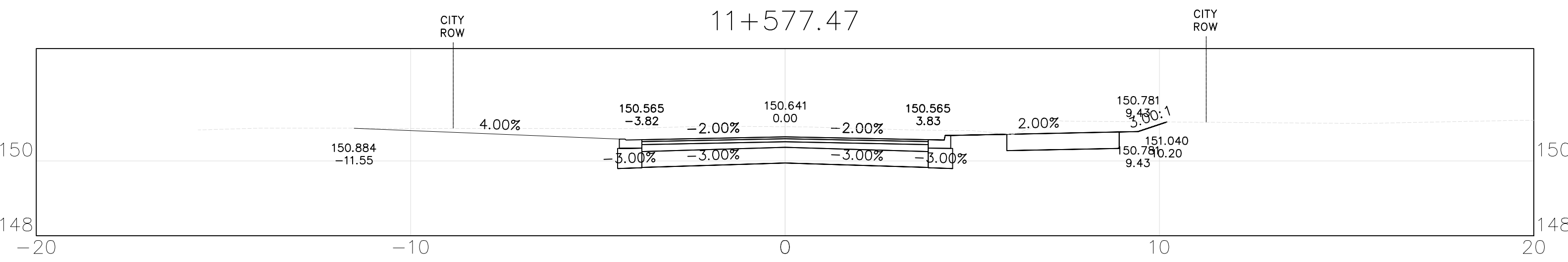
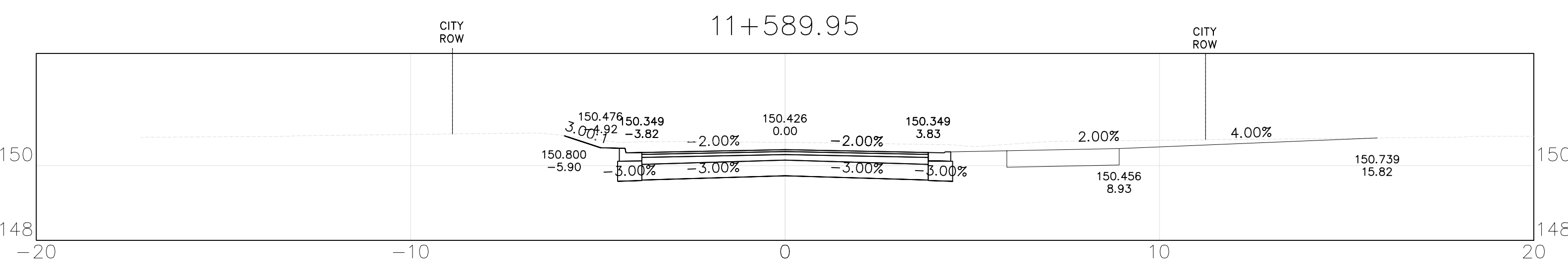
2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD



SECTIONS
 SHEET 10 OF 11
 2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

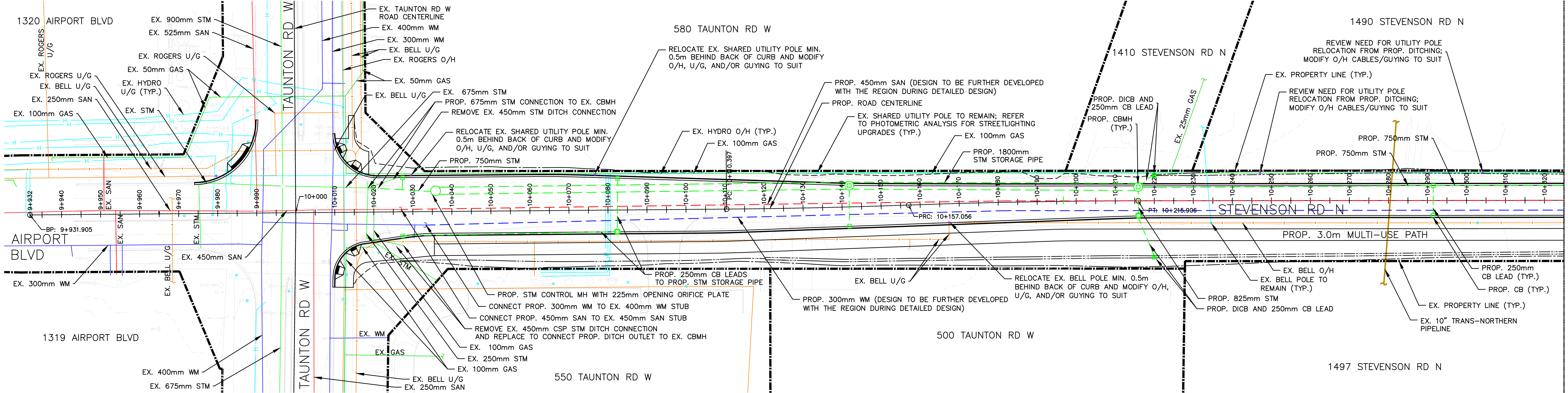
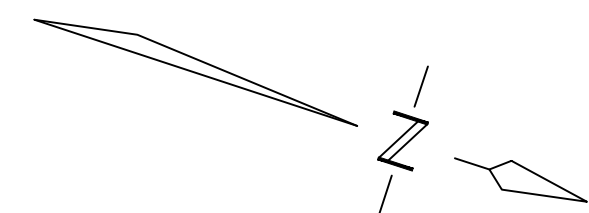
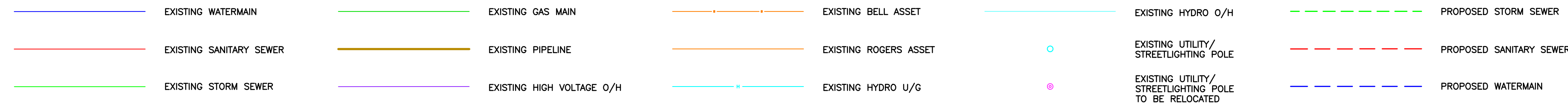
STEVENSON ROAD NORTH
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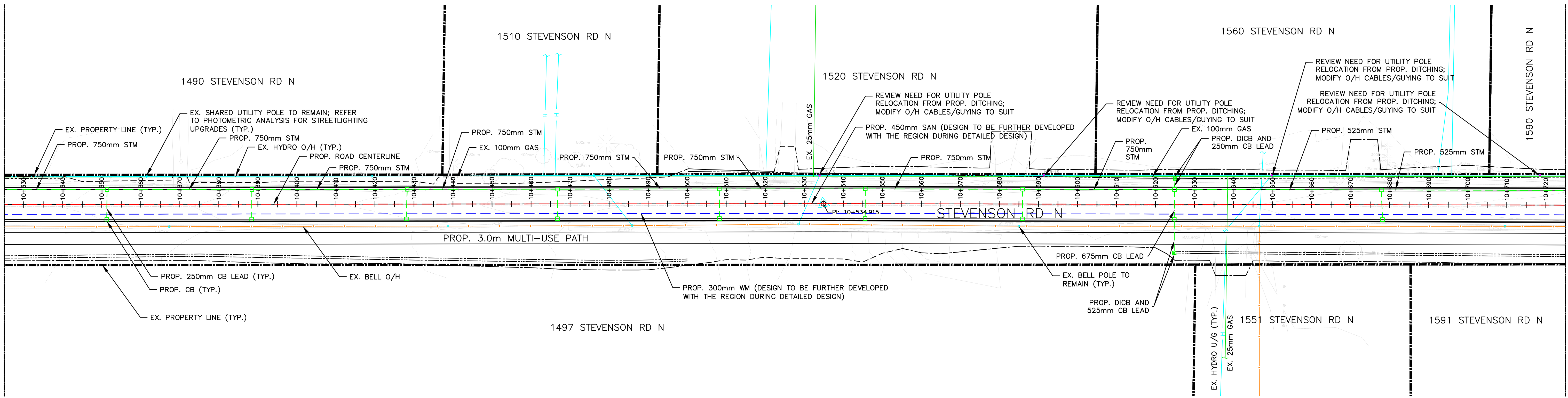
SECTIONS
SHEET 11 OF 11
2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

LEGEND

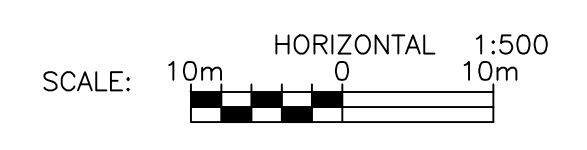


MATCHLINE - STA.10+325



MATCHLINE - STA.10+325

MATCHLINE - STA.10+725

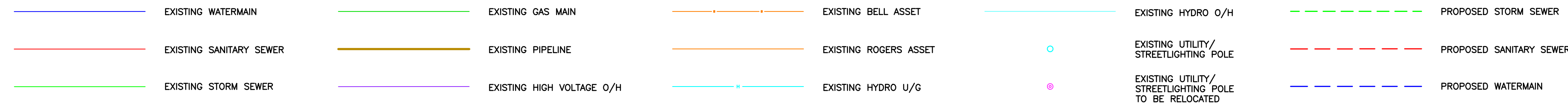


COMPOSITE UTILITIES PLAN
SHEET 1 OF 3

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

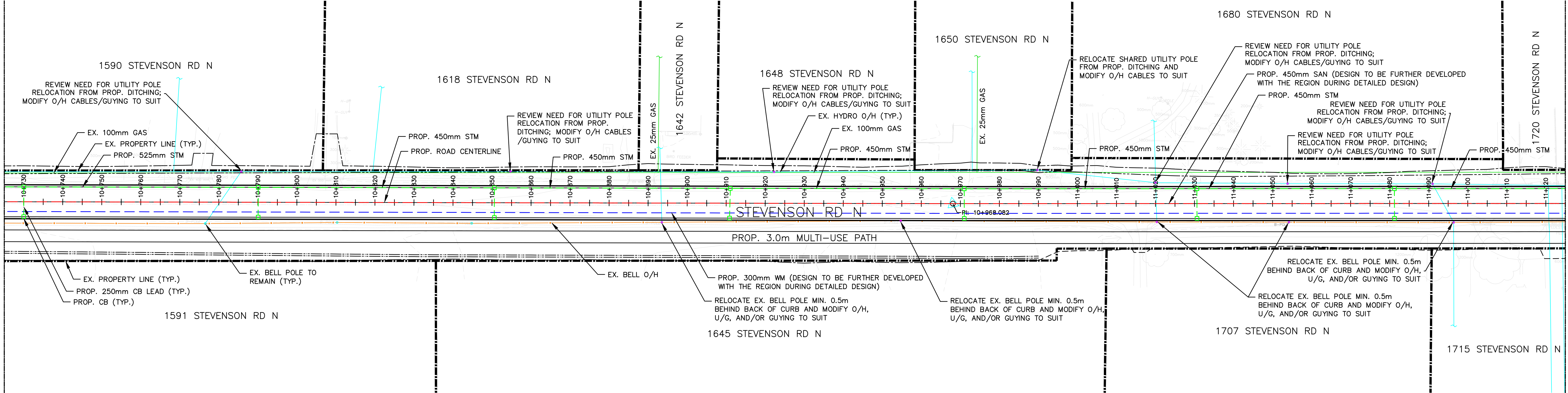
STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

LEGEND



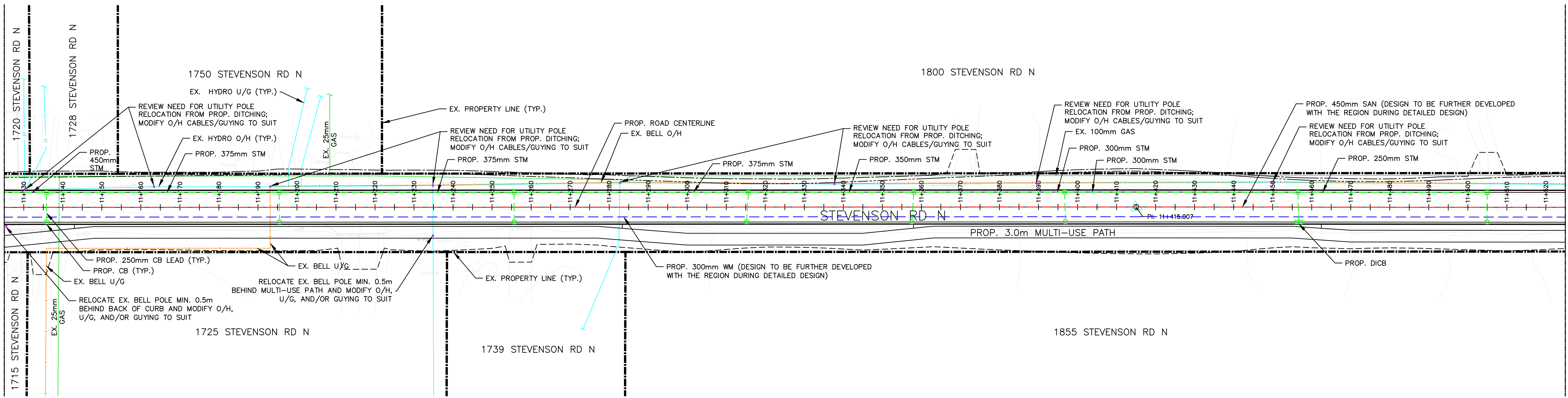
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MATCHLINE - STA.11+125



MATCHLINE - STA.11+125

MATCHLINE - STA.11+525

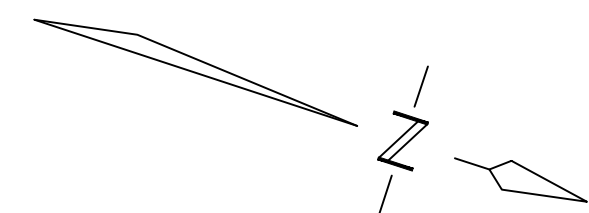


COMPOSITE UTILITIES PLAN
SHEET 2 OF 3
2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

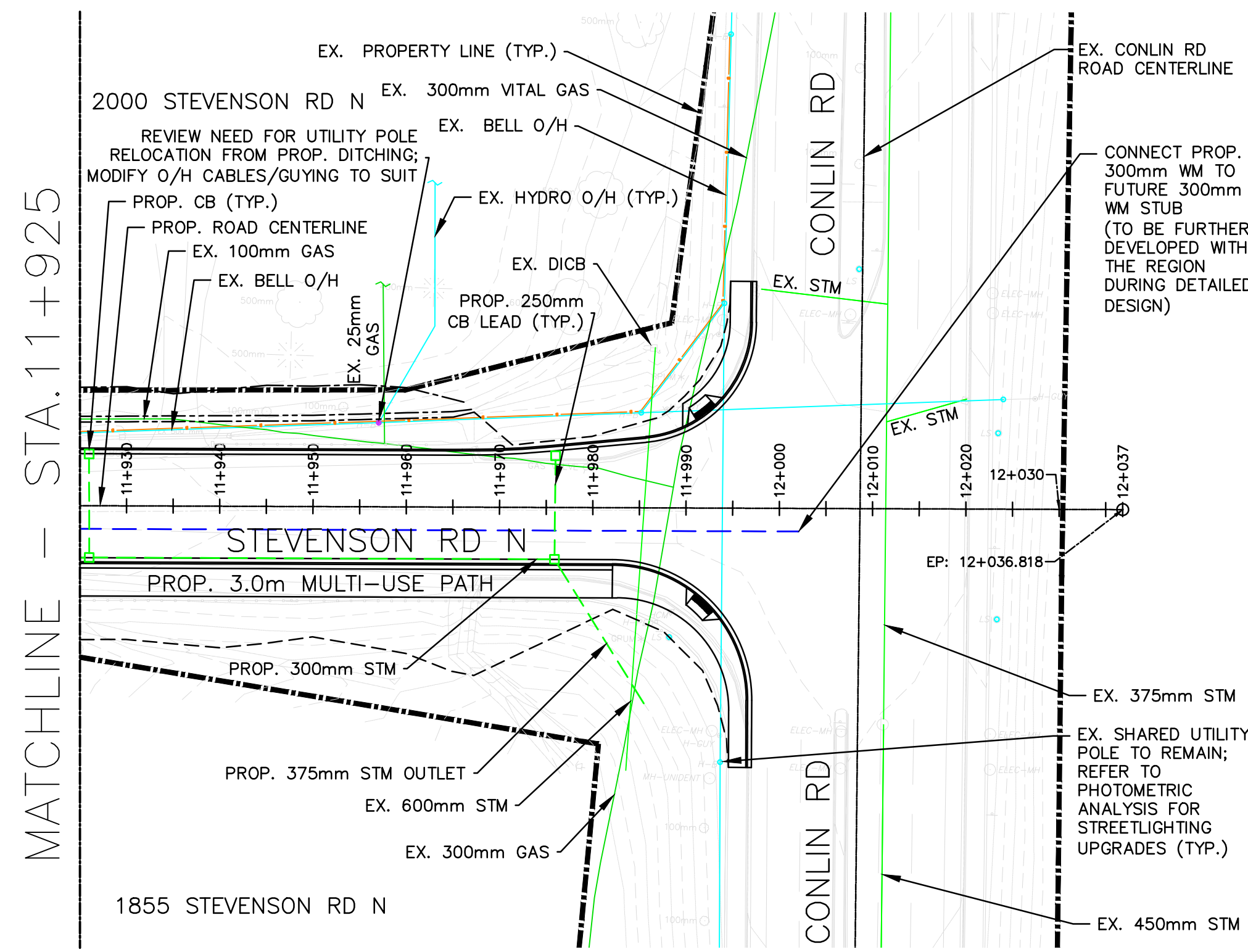
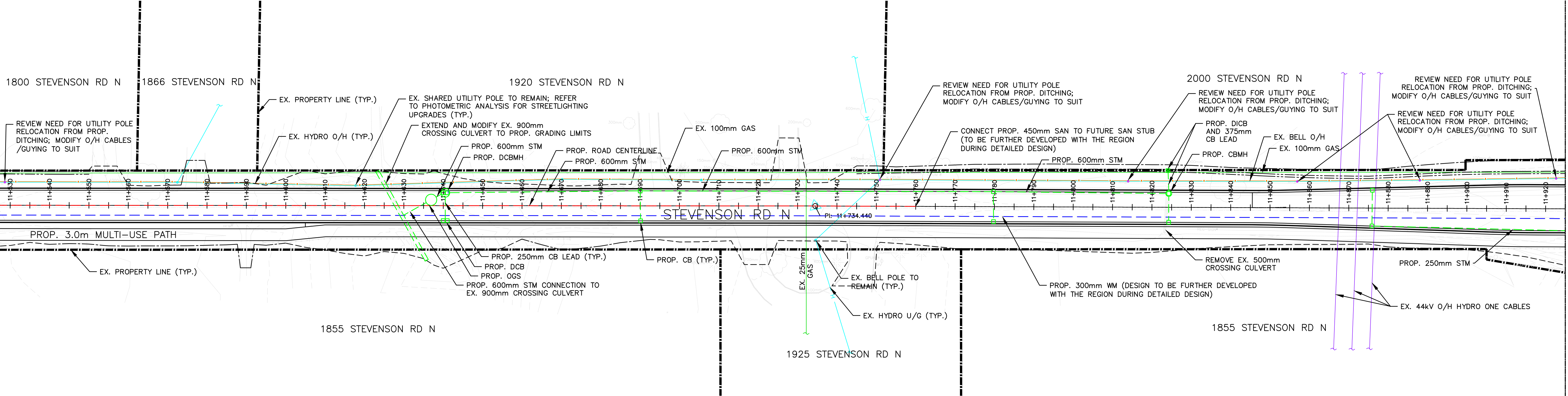
LEGEND

- EXISTING WATERMAIN
- EXISTING GAS MAIN
- EXISTING BELL ASSET
- EXISTING HYDRO O/H
- PROPOSED STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING PIPELINE
- EXISTING ROGERS ASSET
- EXISTING UTILITY/STREETLIGHTING POLE
- PROPOSED SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING HIGH VOLTAGE O/H
- EXISTING HYDRO U/G
- EXISTING UTILITY/STREETLIGHTING POLE TO BE RELOCATED
- PROPOSED WATERMAIN



MATCHLINE - STA.11+525

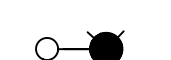
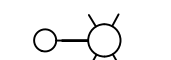


MATCHLINE - STA.11+925



COMPOSITE UTILITIES PLAN
SHEET 3 OF 3
2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

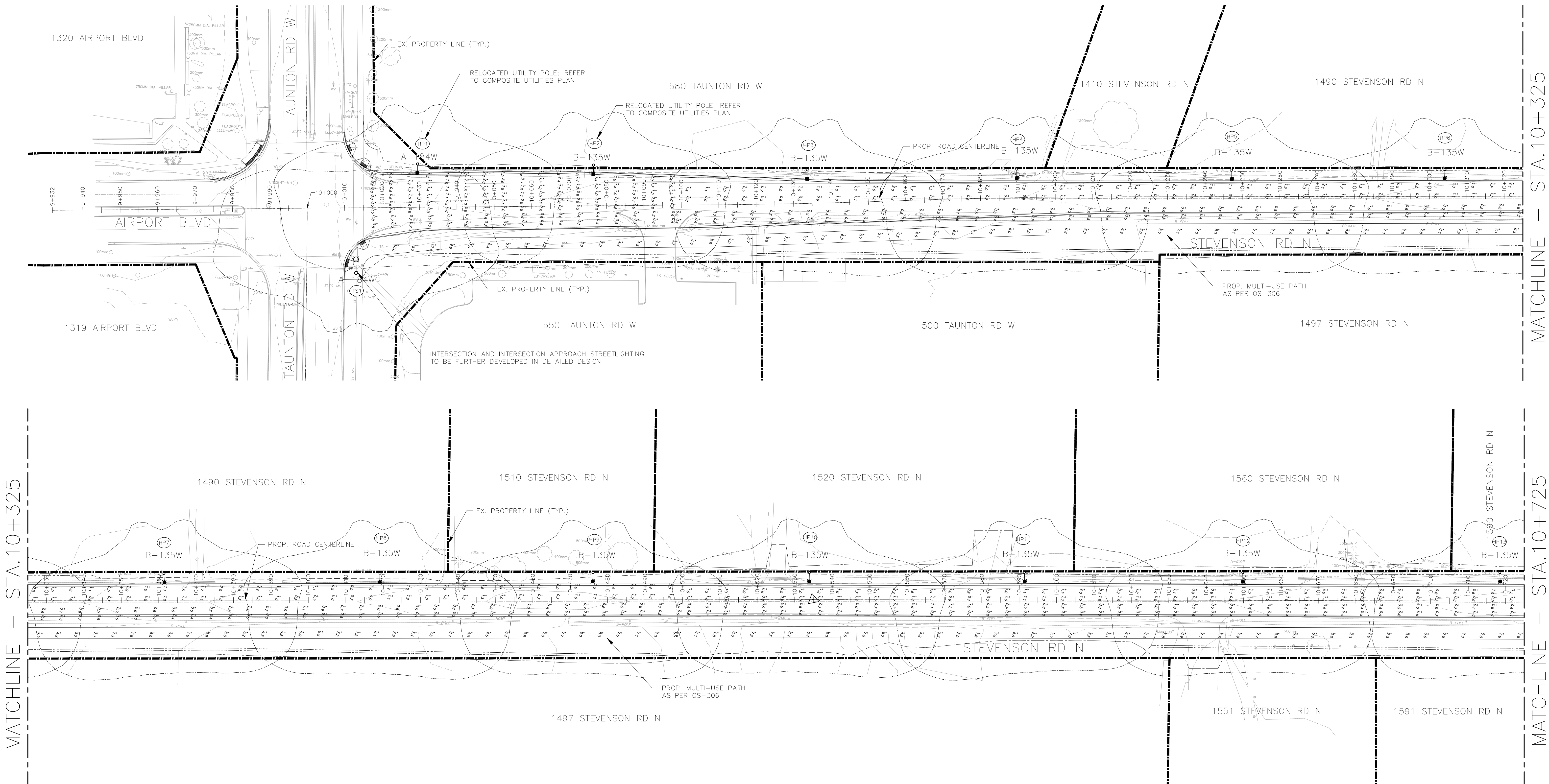
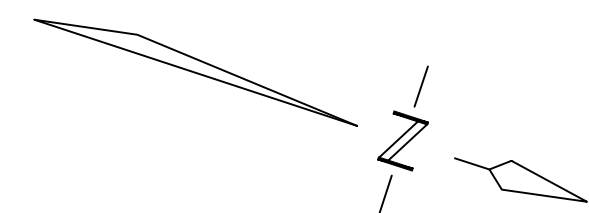
STEVENSON ROAD NORTH
SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT
BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

LEGEND

-  EXISTING HYDRO POLE, 95W/135W/184W TYPE III, 4000K LED LUMINAIRE C/W 7PIN PHOTOCELL & 2.4m BRACKET
-  EXISTING POLE & LUMINAIRE
-  EXISTING TRAFFIC SIGNALS POLE IDENTIFICATION POLE
-  HYDRO POLE IDENTIFICATION POLE

LUMINAIRE SCHEDULE

LABEL	DESCRIPTION	LFE	LUMINAIRE WATTS	ARM
C-95W	CREE XSPMD-D-HT-3ME-12L-40K7-UL-SV-N	0.800	94.47	2.4
B-135W	CREE XSPLG-D-HT-3ME-18L-40K7-Ux-xx-N CONFIGURED FROM XSPLG-D-HT-3ME-24L-40K7-UL-SV-N	0.800	135	2.4
A-184W	CREE XSPLG-D-HT-3ME-24L-40K7-UL-SV-N	0.800	184.55	2.4



MATCHLINE - STA.10+325

MATCHLINE - STA.10+725



U TECH ENGINEERS INC.
96 DAIRYMAID ROAD
BRAMPTON, ON L6X 5R9
TEL: 647-971-8413
www.uticheng.ca

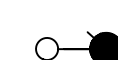
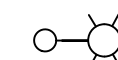


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PHOTOMETRIC ANALYSIS
SHEET 1 OF 3

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

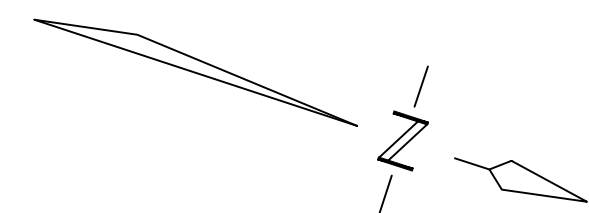
STEVENSON ROAD NORTH
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BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD

LEGEND

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-  EXISTING TRAFFIC SIGNALS POLE IDENTIFICATION POLE
-  HYDRO POLE IDENTIFICATION POLE

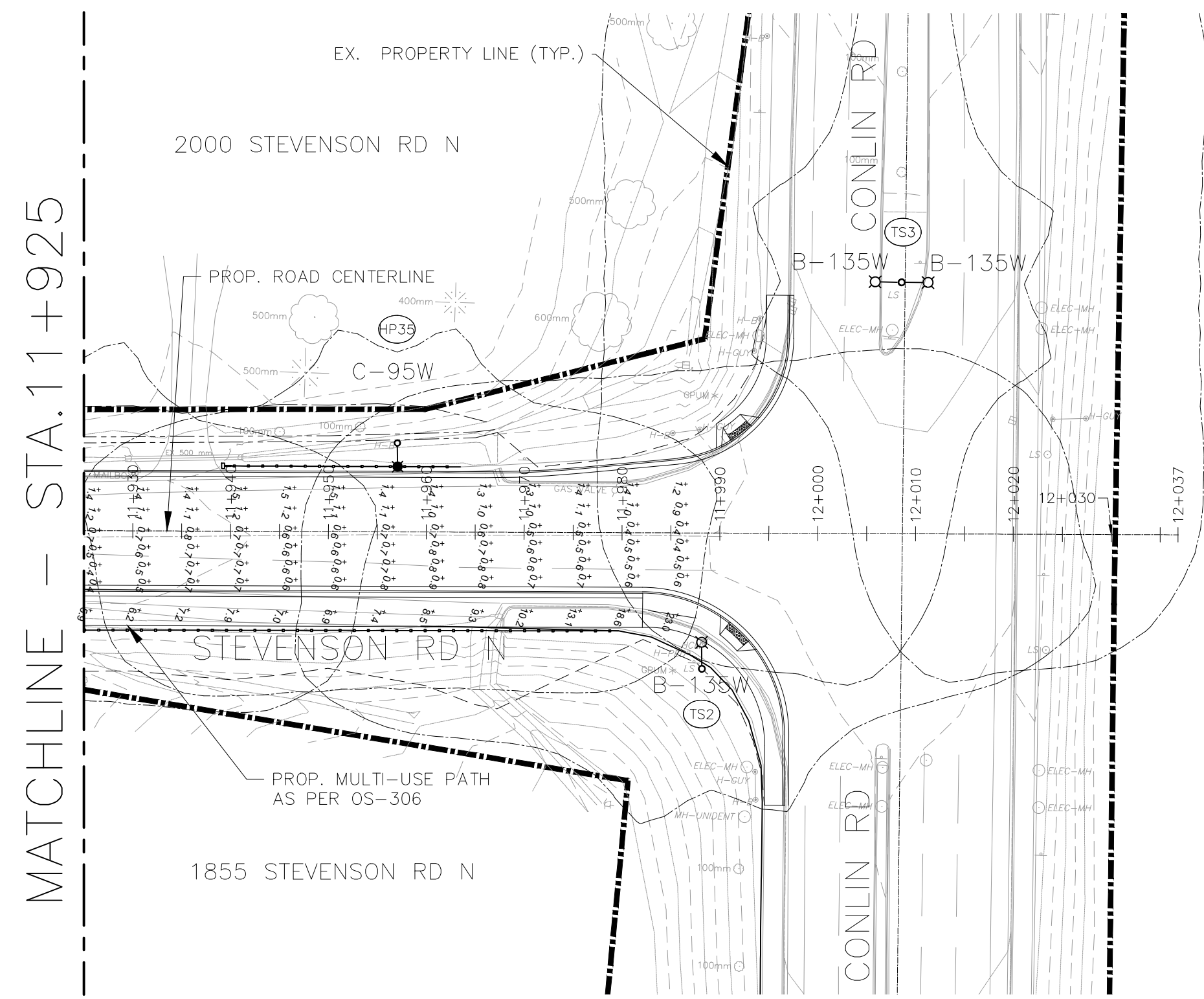
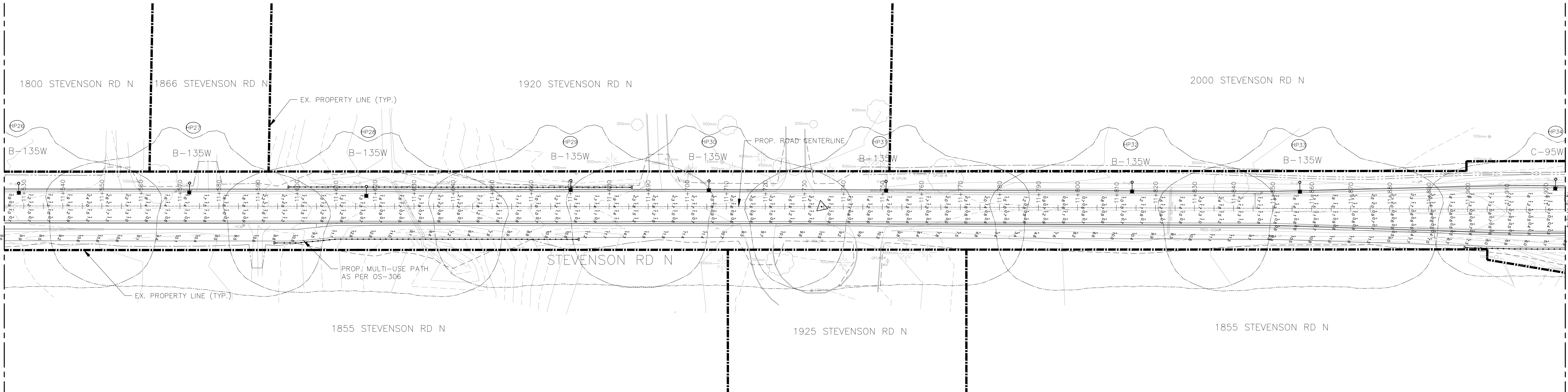
LUMINAIRE SCHEDULE

LABEL	DESCRIPTION	LFE	LUMINAIRE WATTS	ARM
C-95W	CREE XSPMD-D-HT-3ME-12L-40K7-UL-SV-N	0.800	94.47	2.4
B-135W	CREE XSPLG-D-HT-3ME-18L-40K7-Ux-xx-N CONFIGURED FROM XSPLG-D-HT-3ME-24L-40K7-UL-SV-N	0.800	135	2.4
A-184W	CREE XSPLG-D-HT-3ME-24L-40K7-UL-SV-N	0.800	184.55	2.4



MATCHLINE - STA.11+525

MATCHLINE - STA.11+925



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PHOTOMETRIC ANALYSIS
 SHEET 3 OF 3

2024-12-12 PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

STEVENSON ROAD NORTH
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 BETWEEN TAUNTON ROAD WEST AND CONLIN ROAD