

# Appendix G

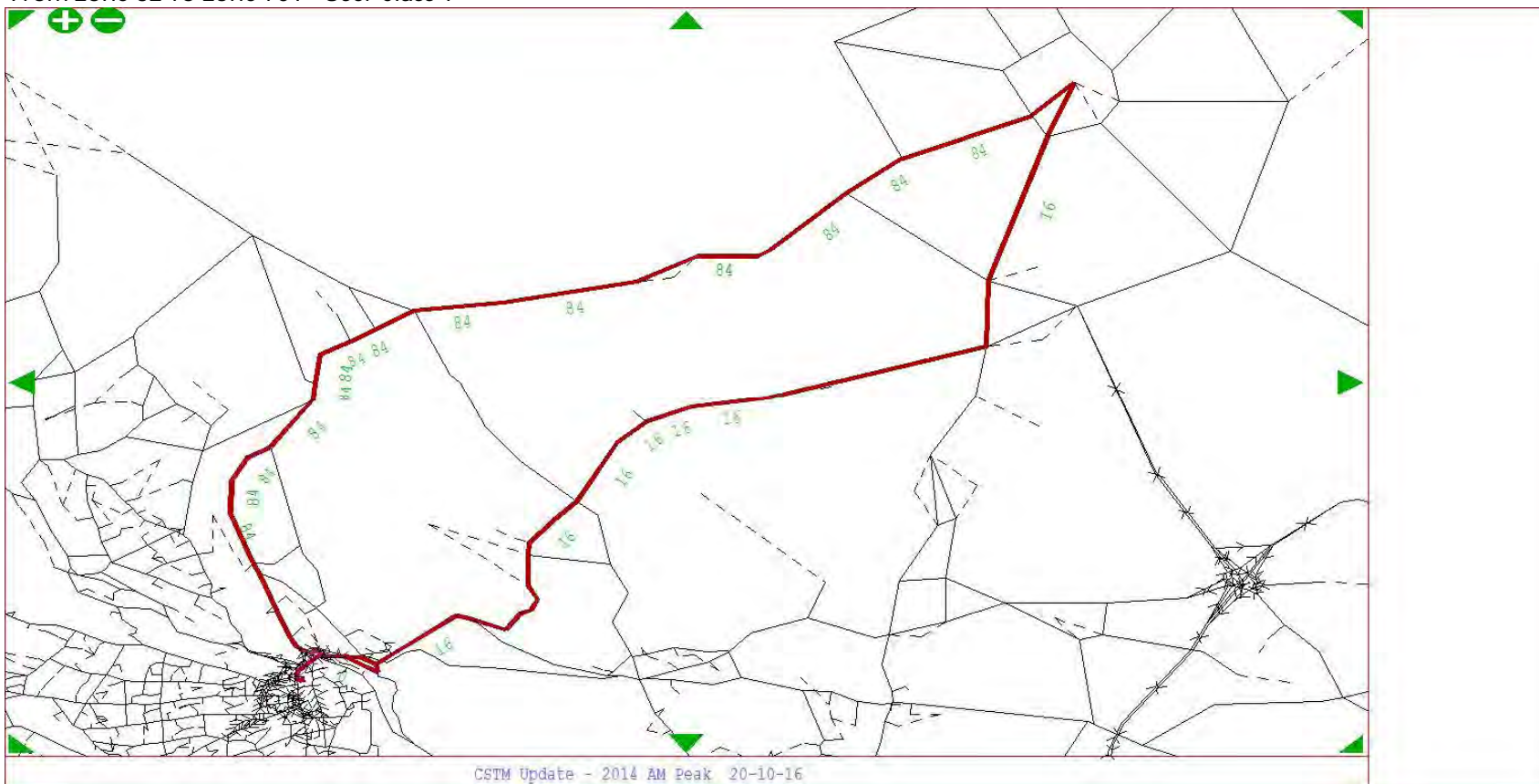
## ROUTING CHECKS

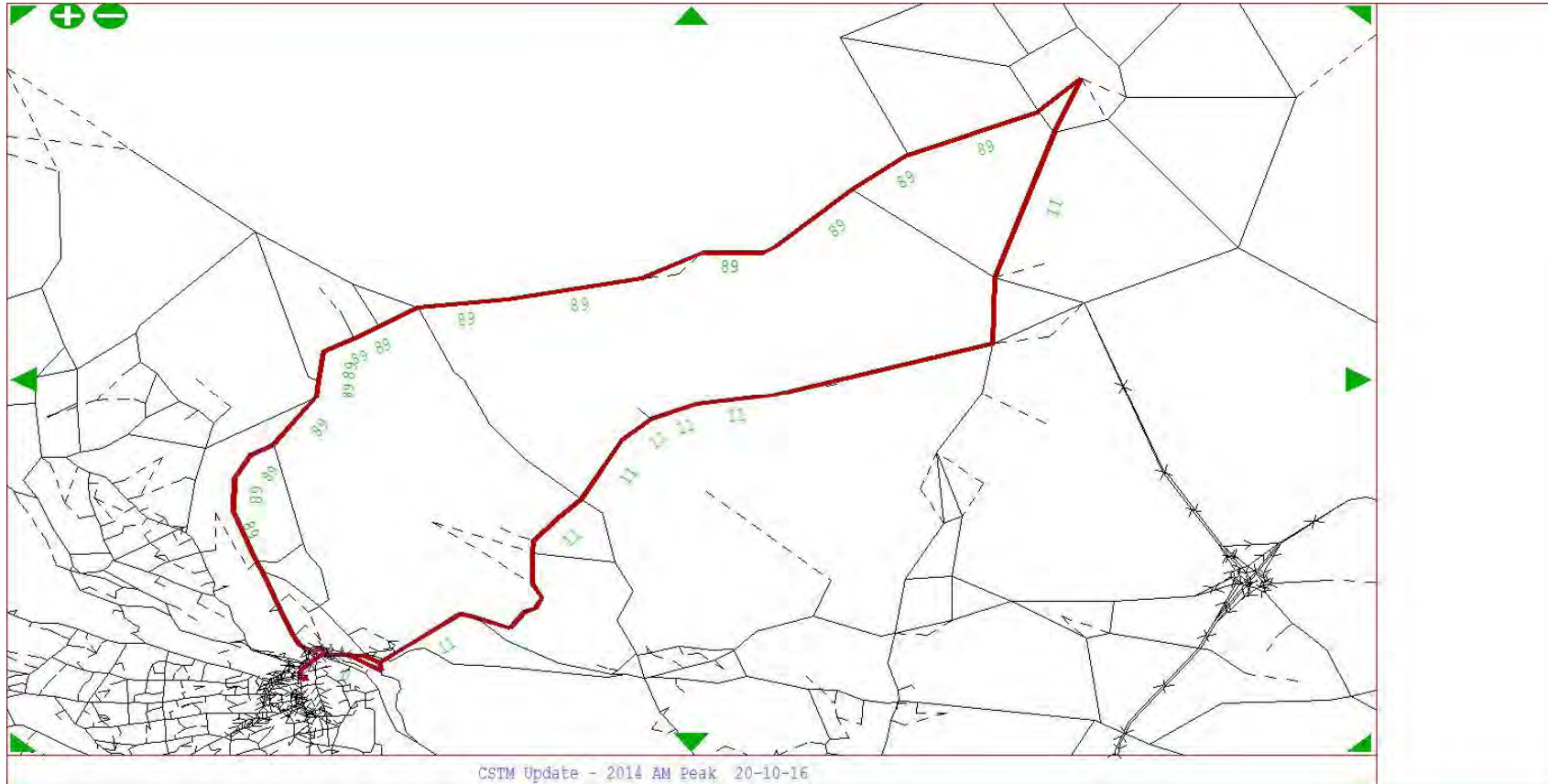
## APPENDIX G-1

### **AM ROUTING CHECKS**

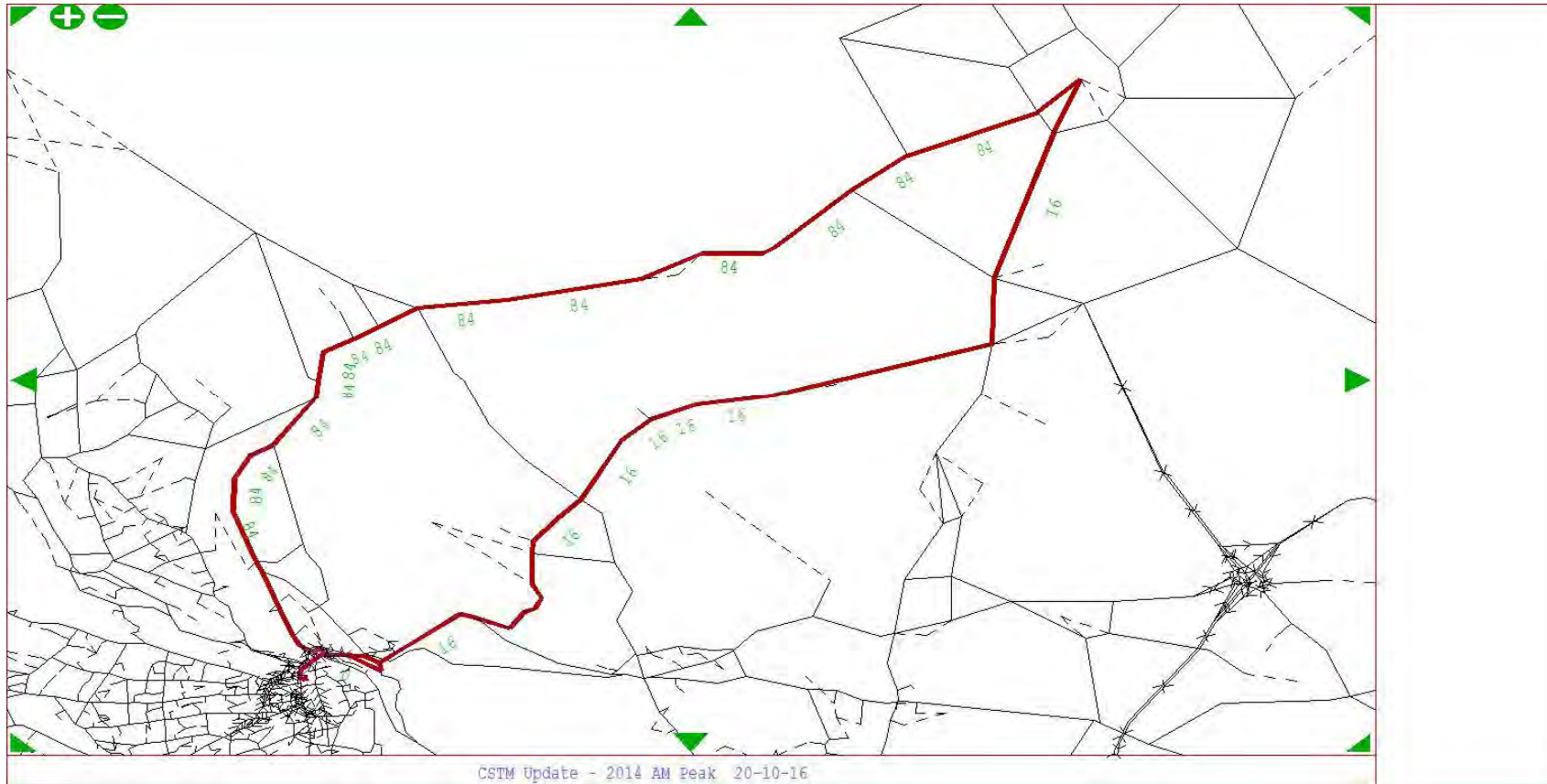
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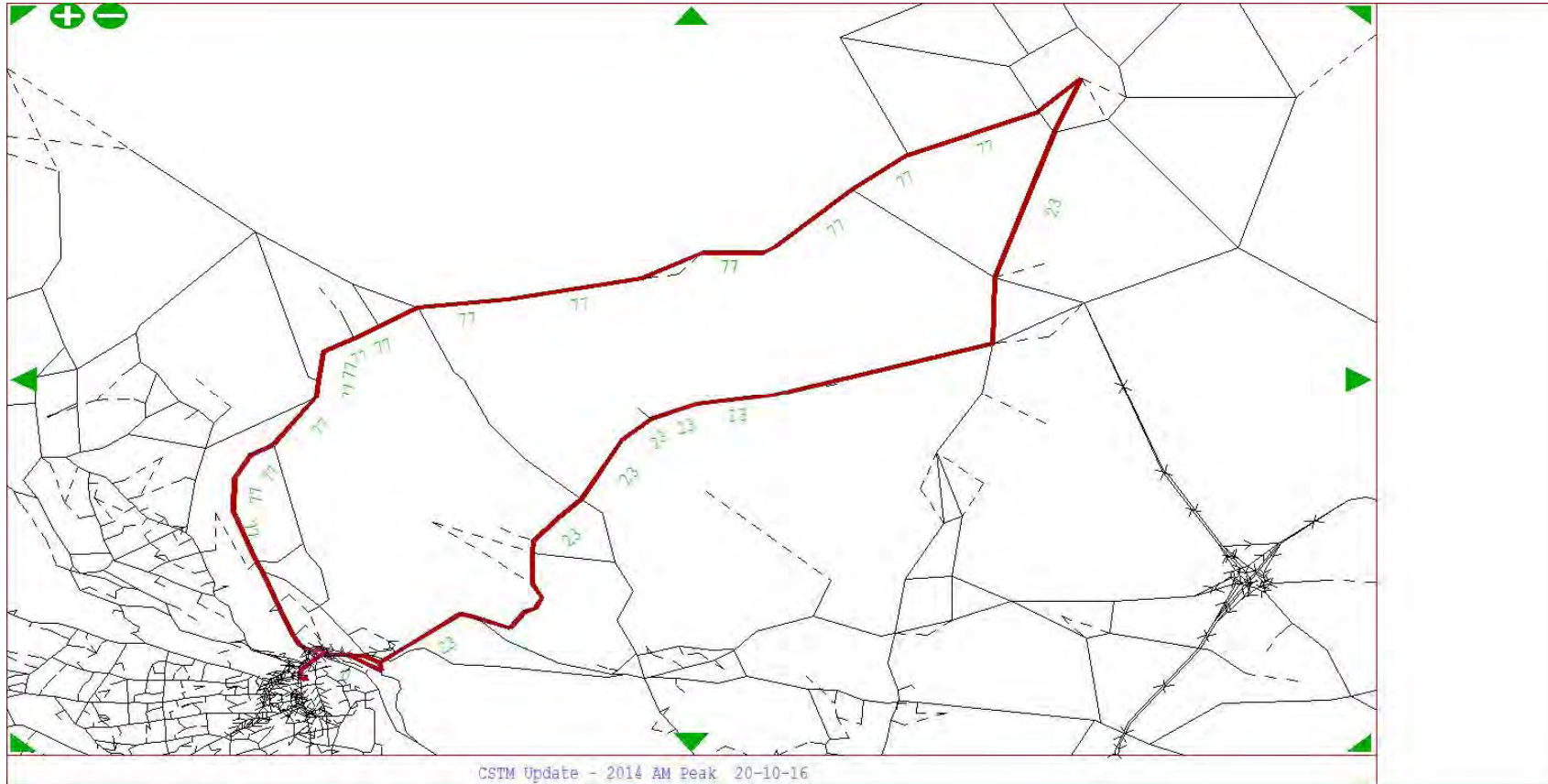
From Zone 32 To Zone 701 - User Class 1

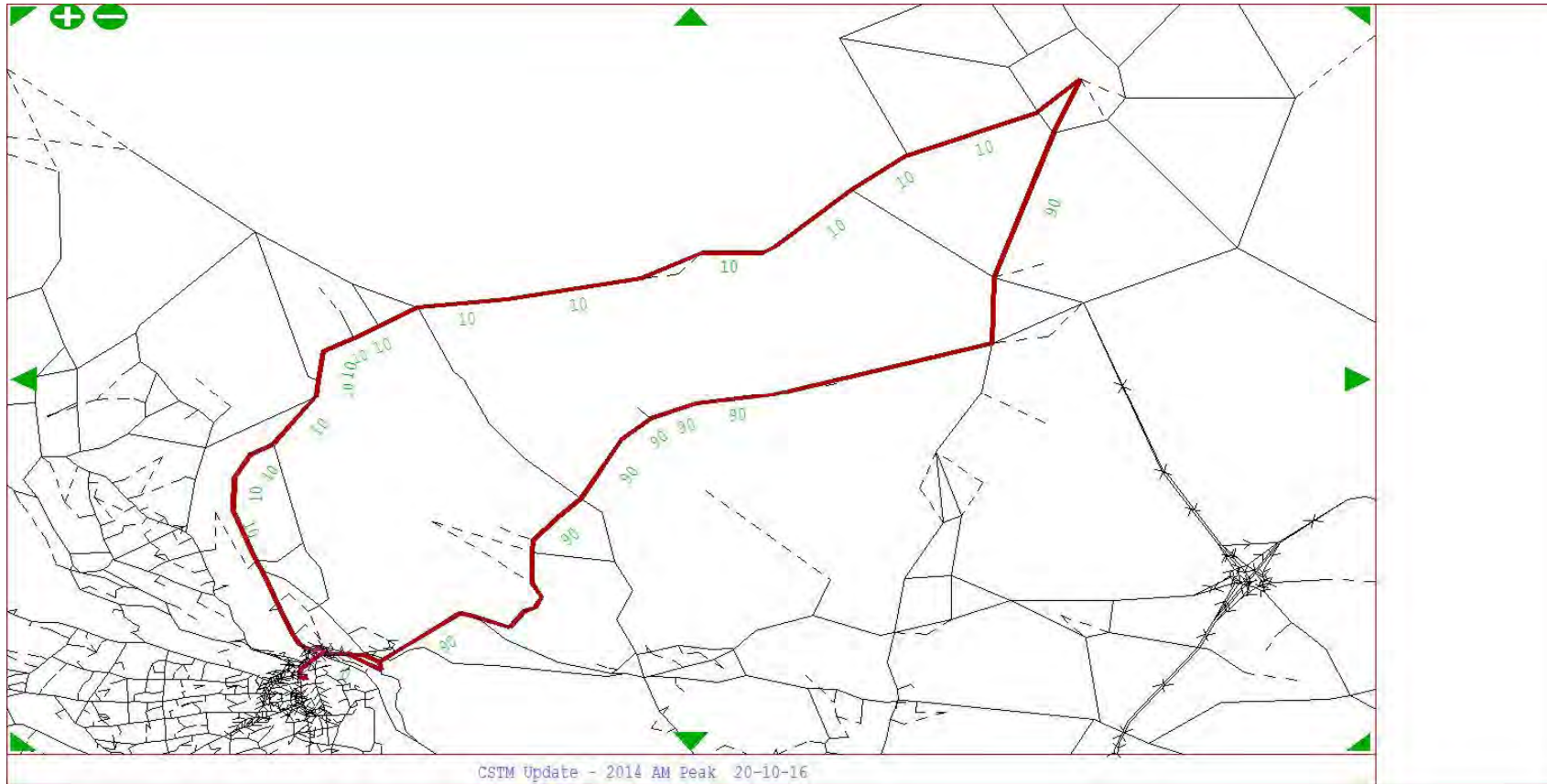


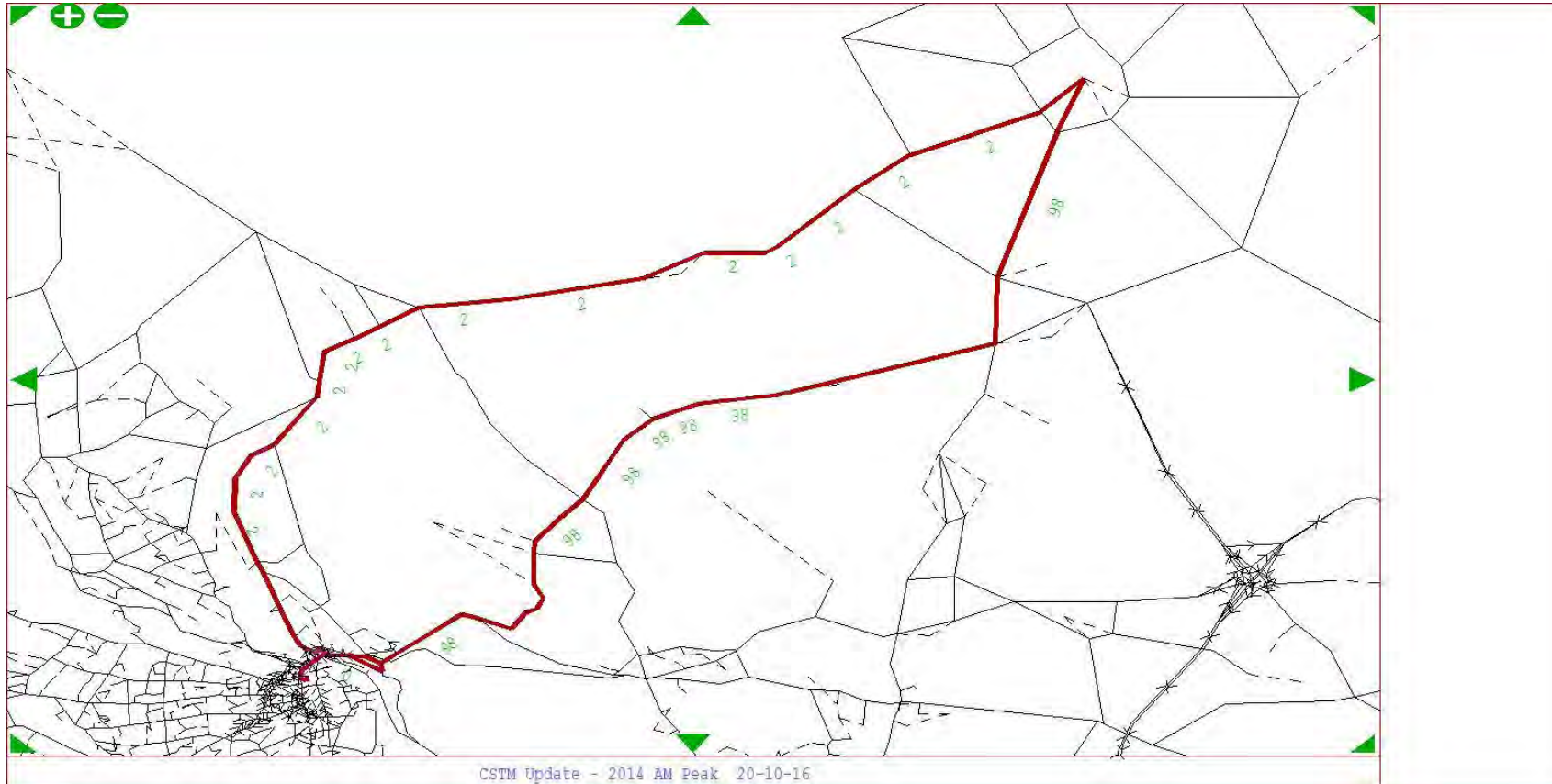








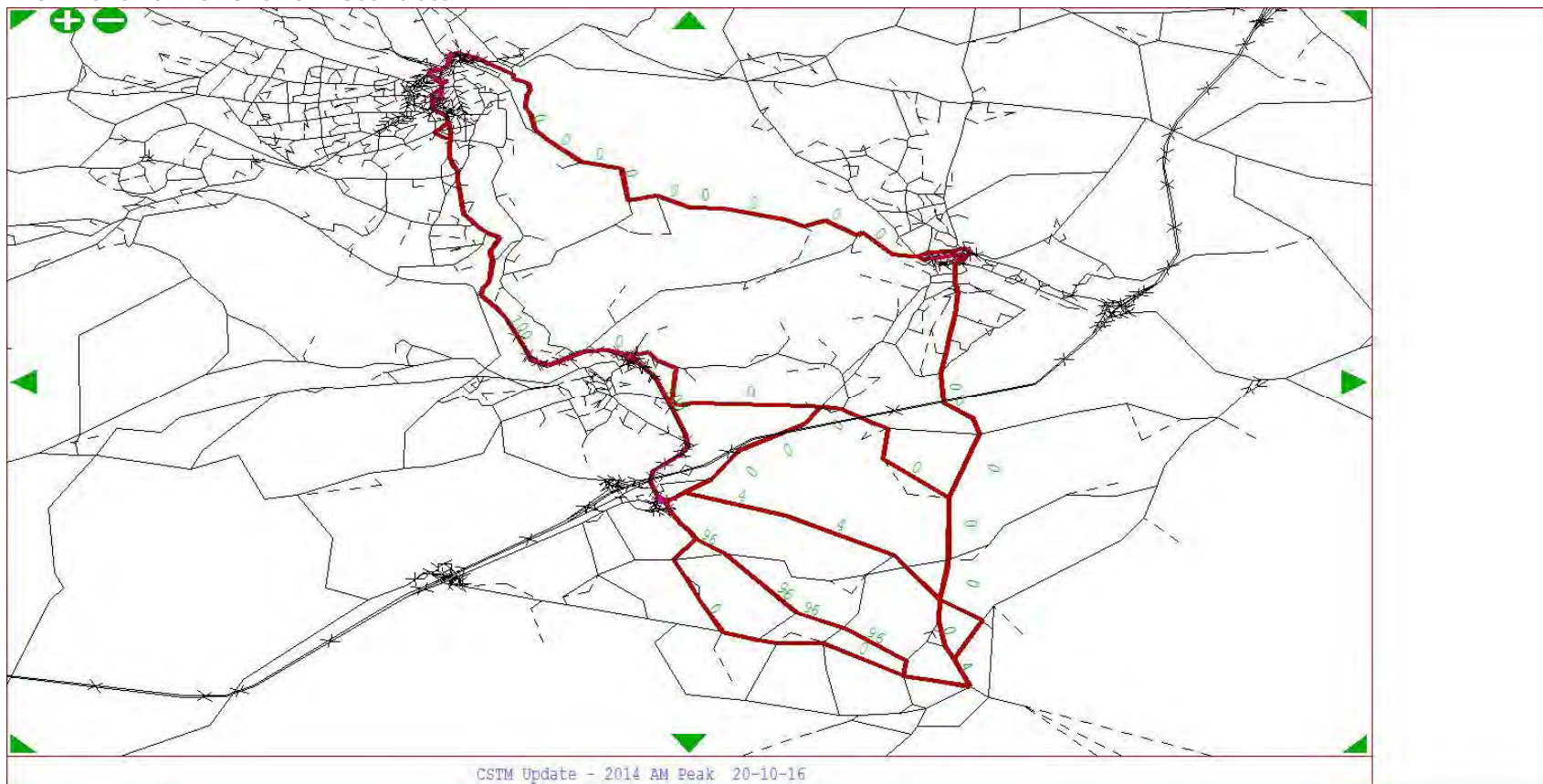




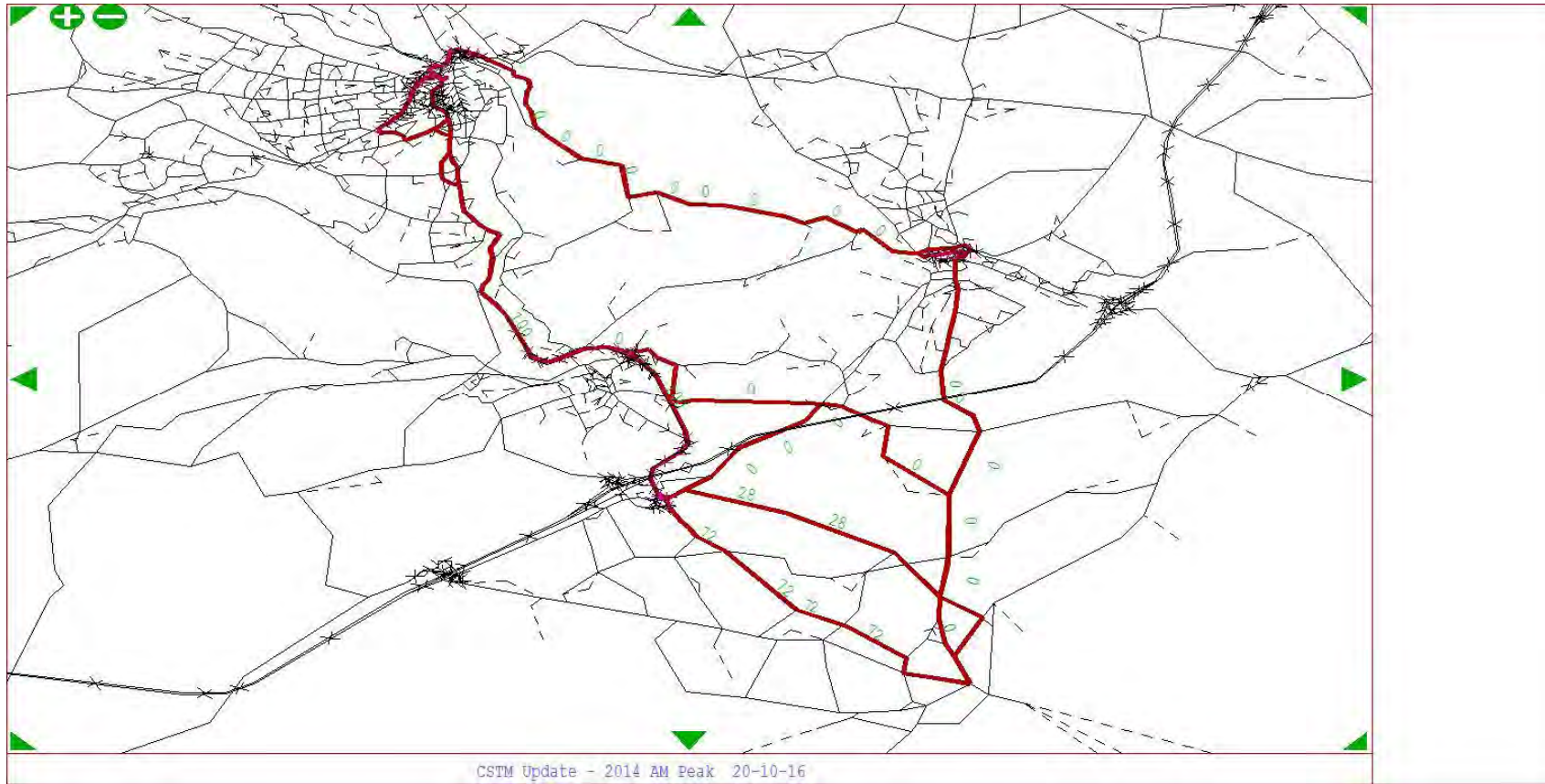


# Halifax Town Centre to Huddersfield

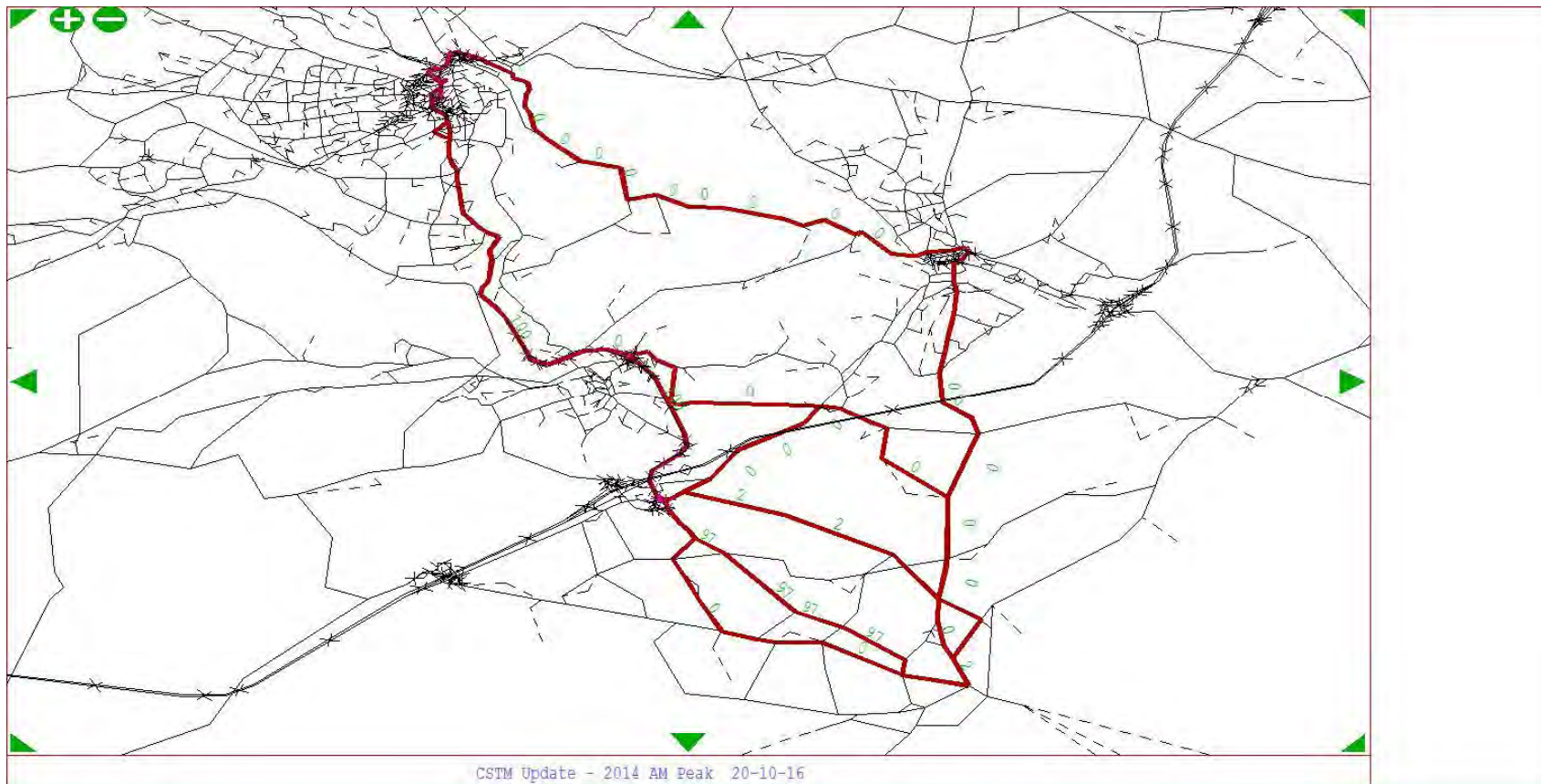
From Zone 701 To Zone 909 - User Class 1



From Zone 701 To Zone 909 - User Class 2

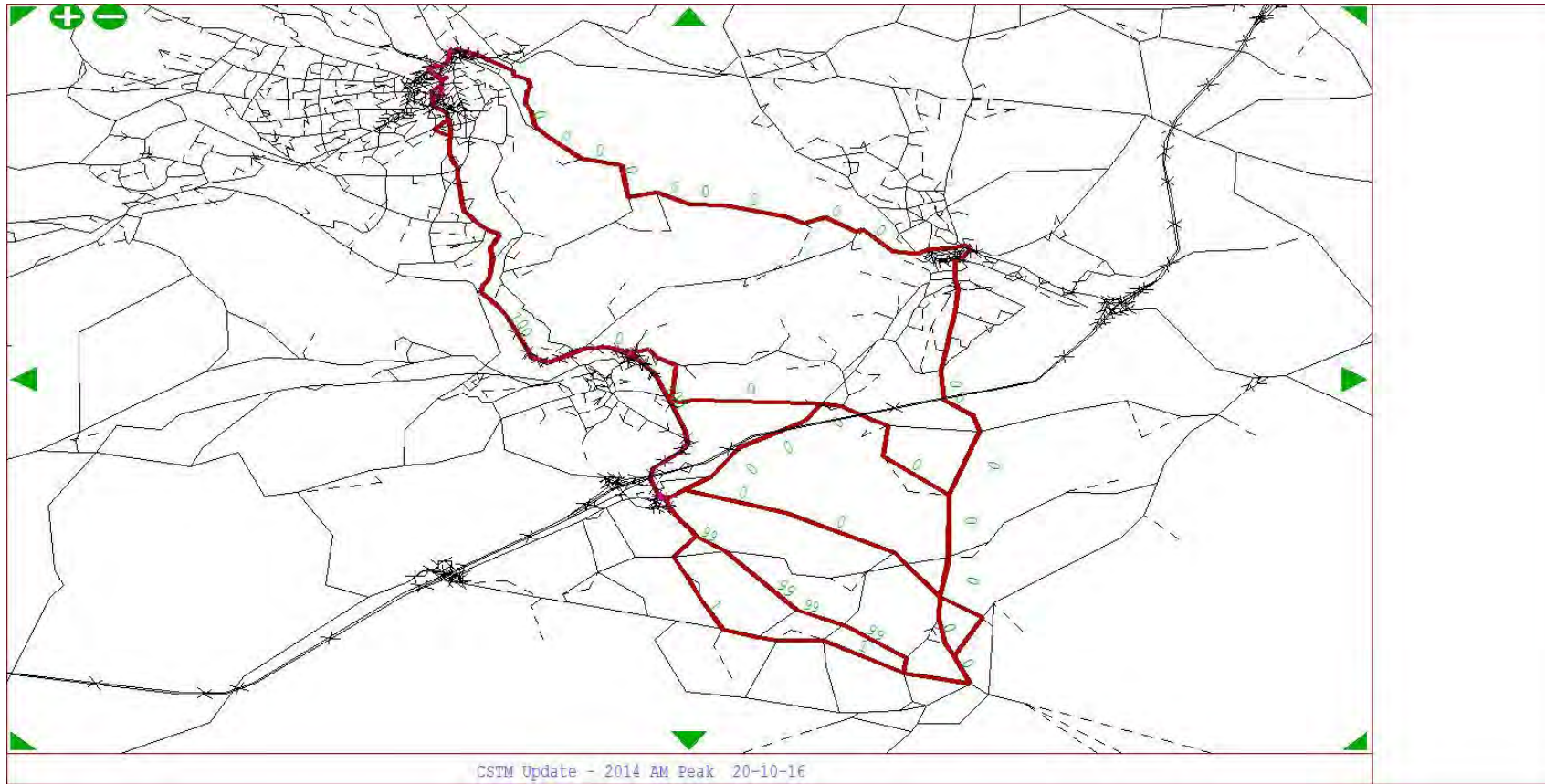


From Zone 701 To Zone 909 - User Class 3



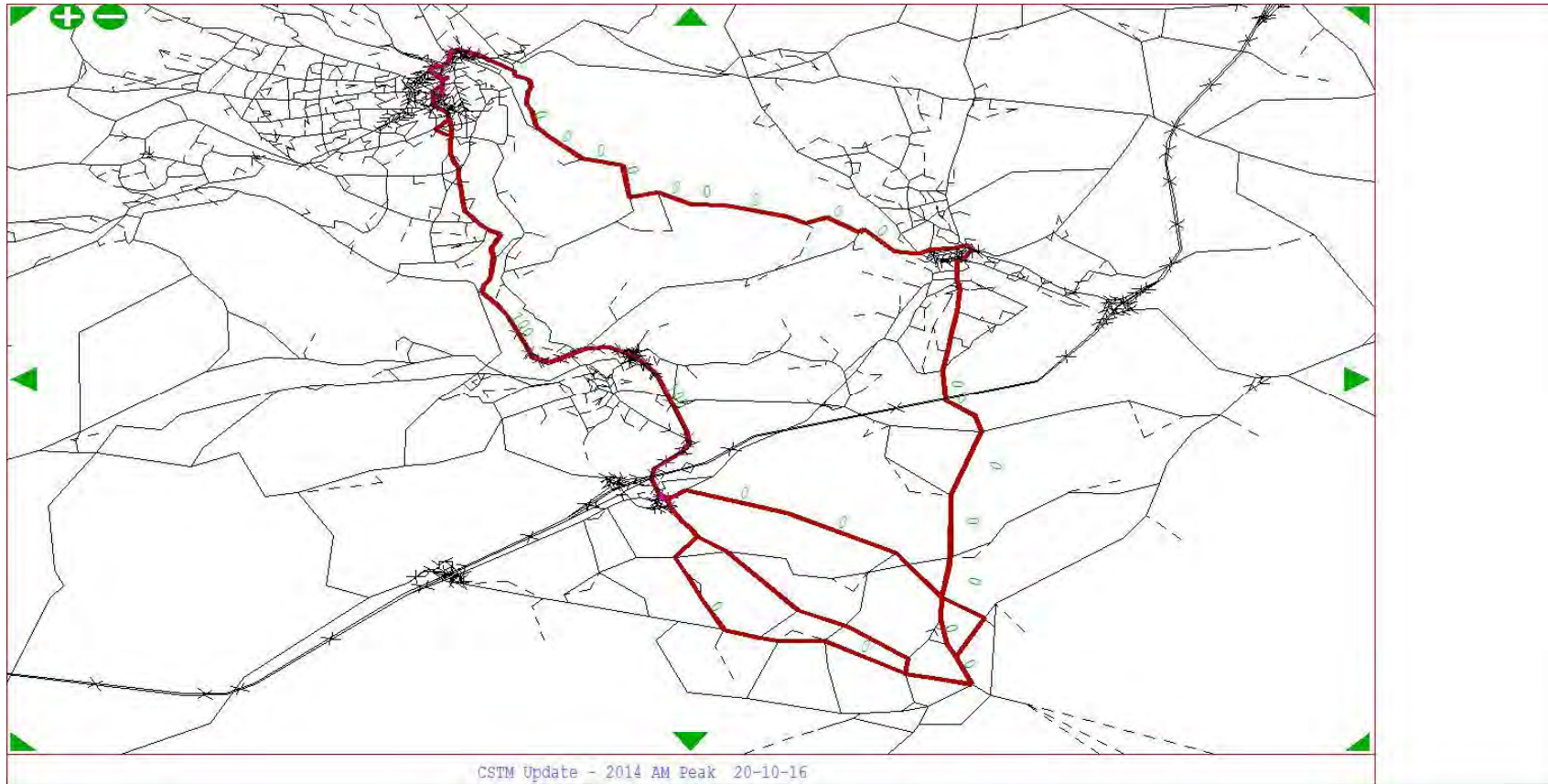


From Zone 701 To Zone 909 - User Class 4

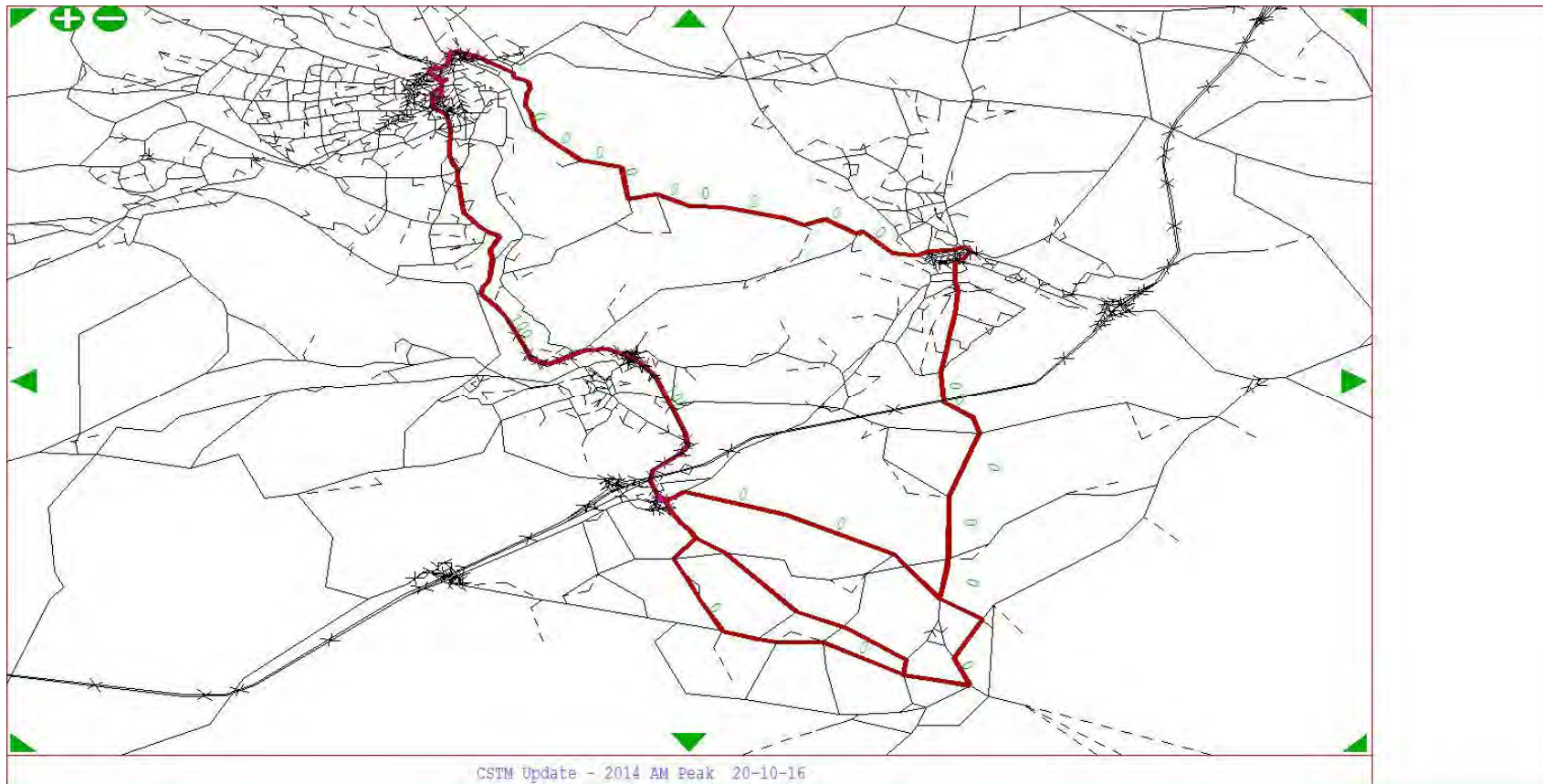




From Zone 701 To Zone 909 - User Class 5

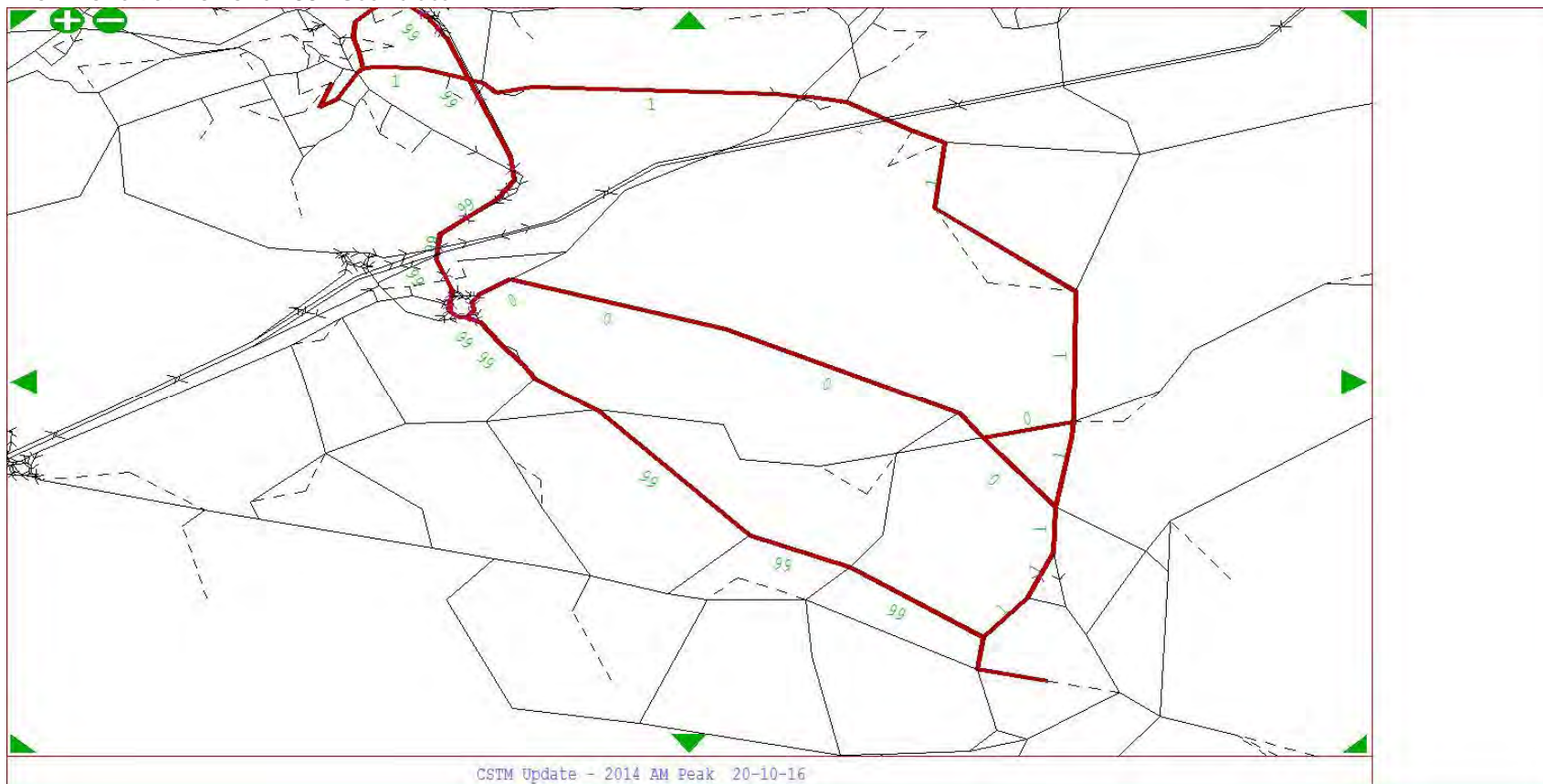


From Zone 701 To Zone 909 - User Class 6



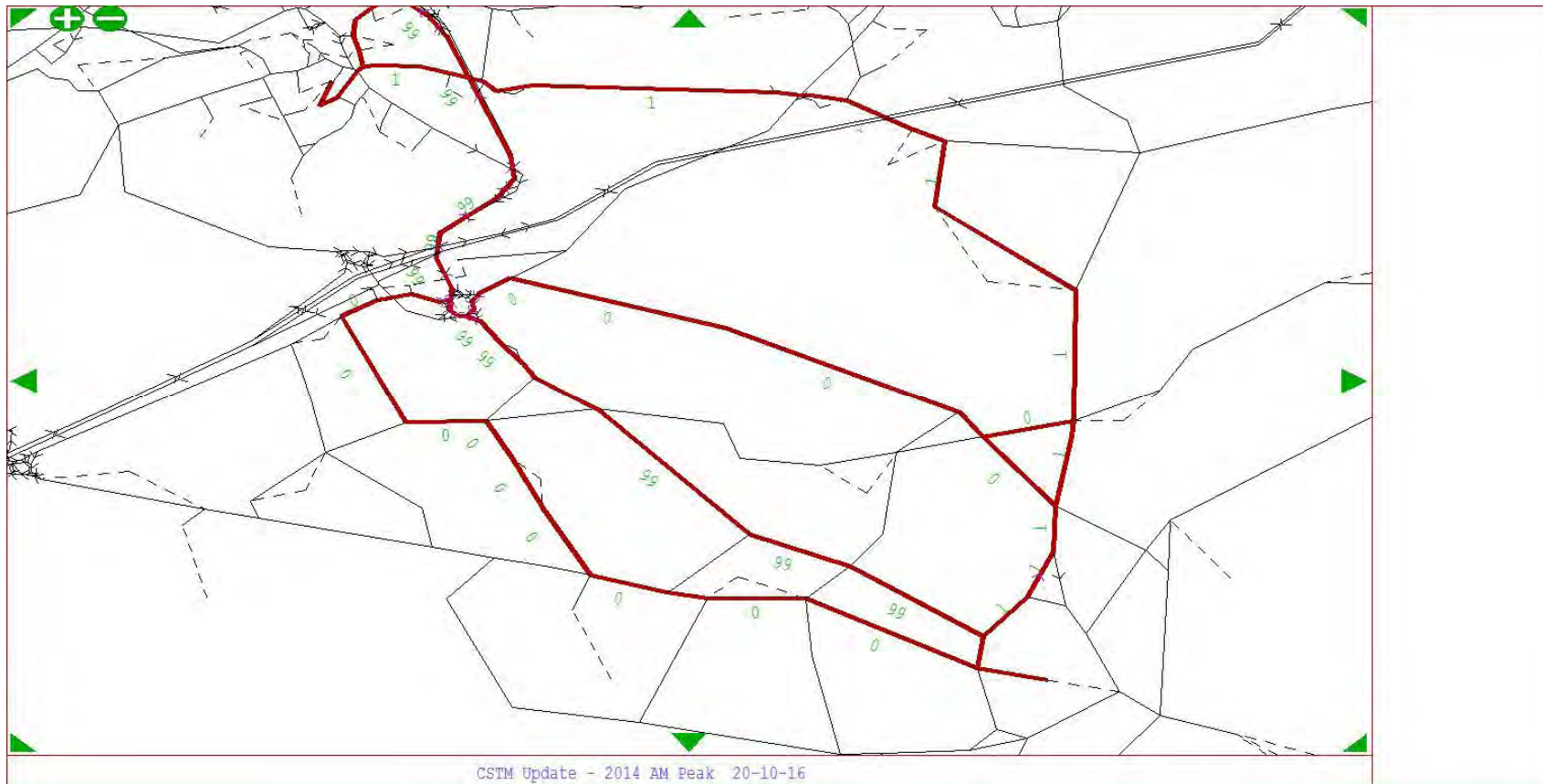
## Huddersfield to Elland

From Zone 909 To Zone 188 - User Class 1

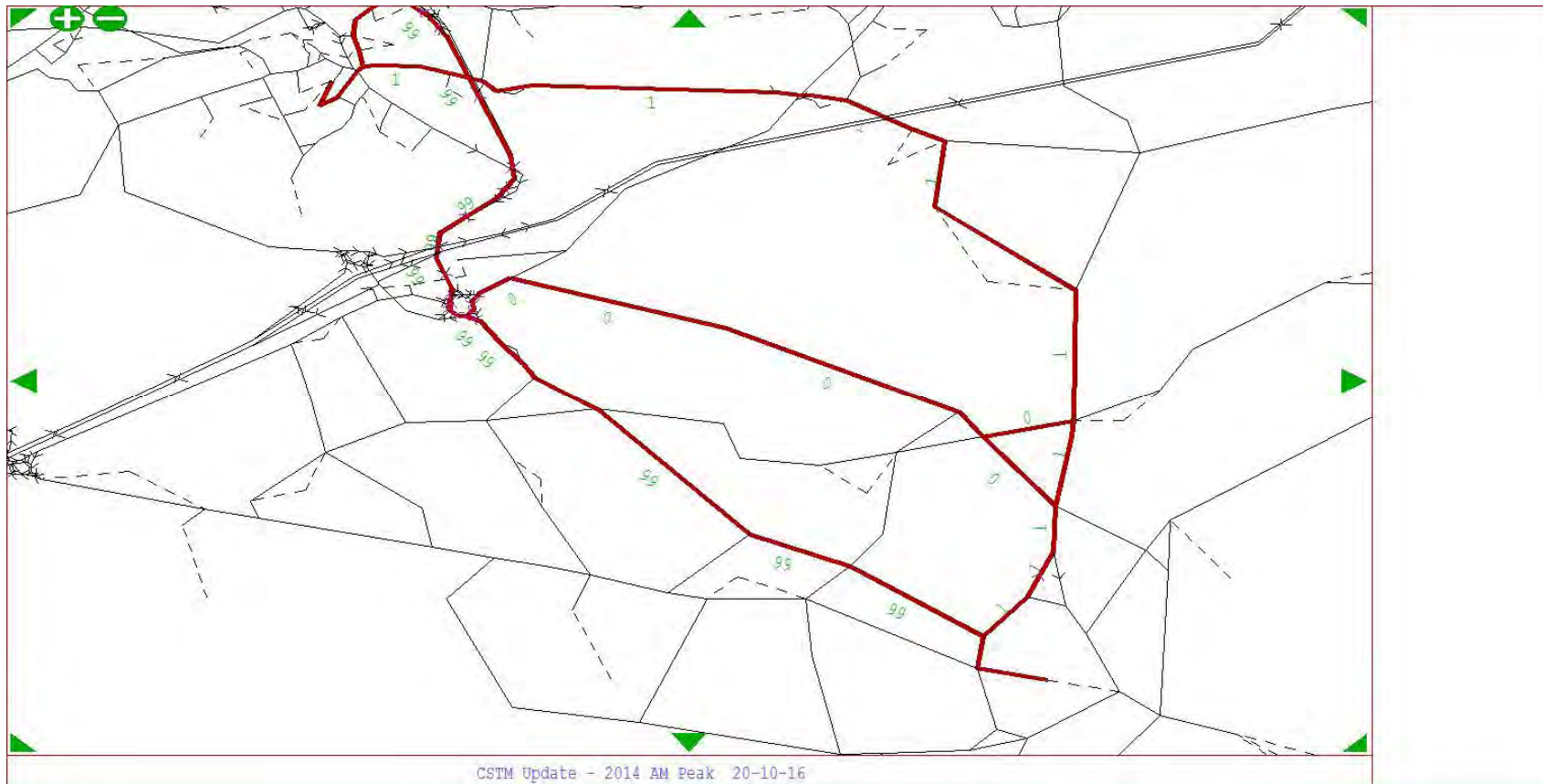




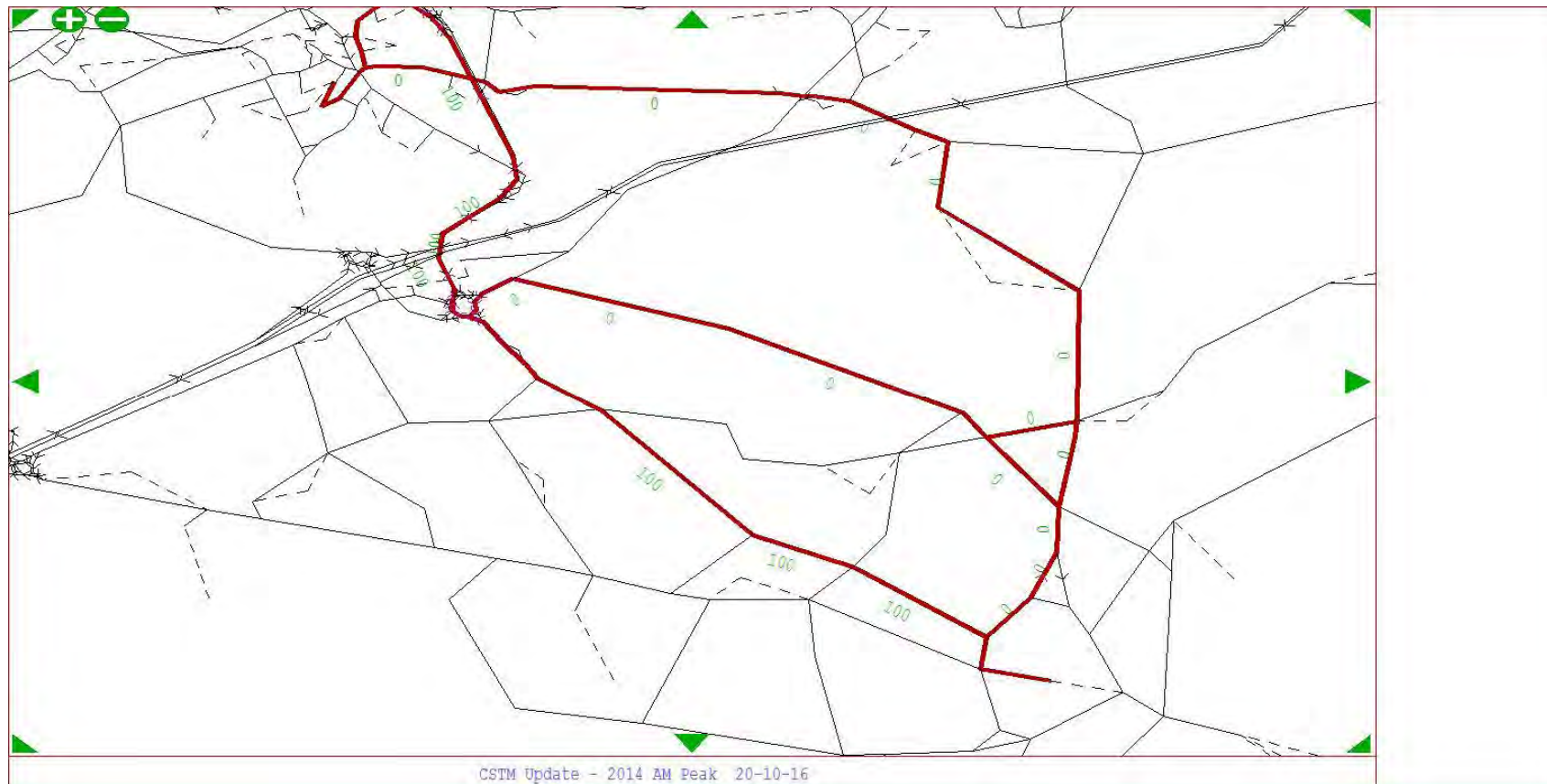
From Zone 909 To Zone 188 - User Class 2



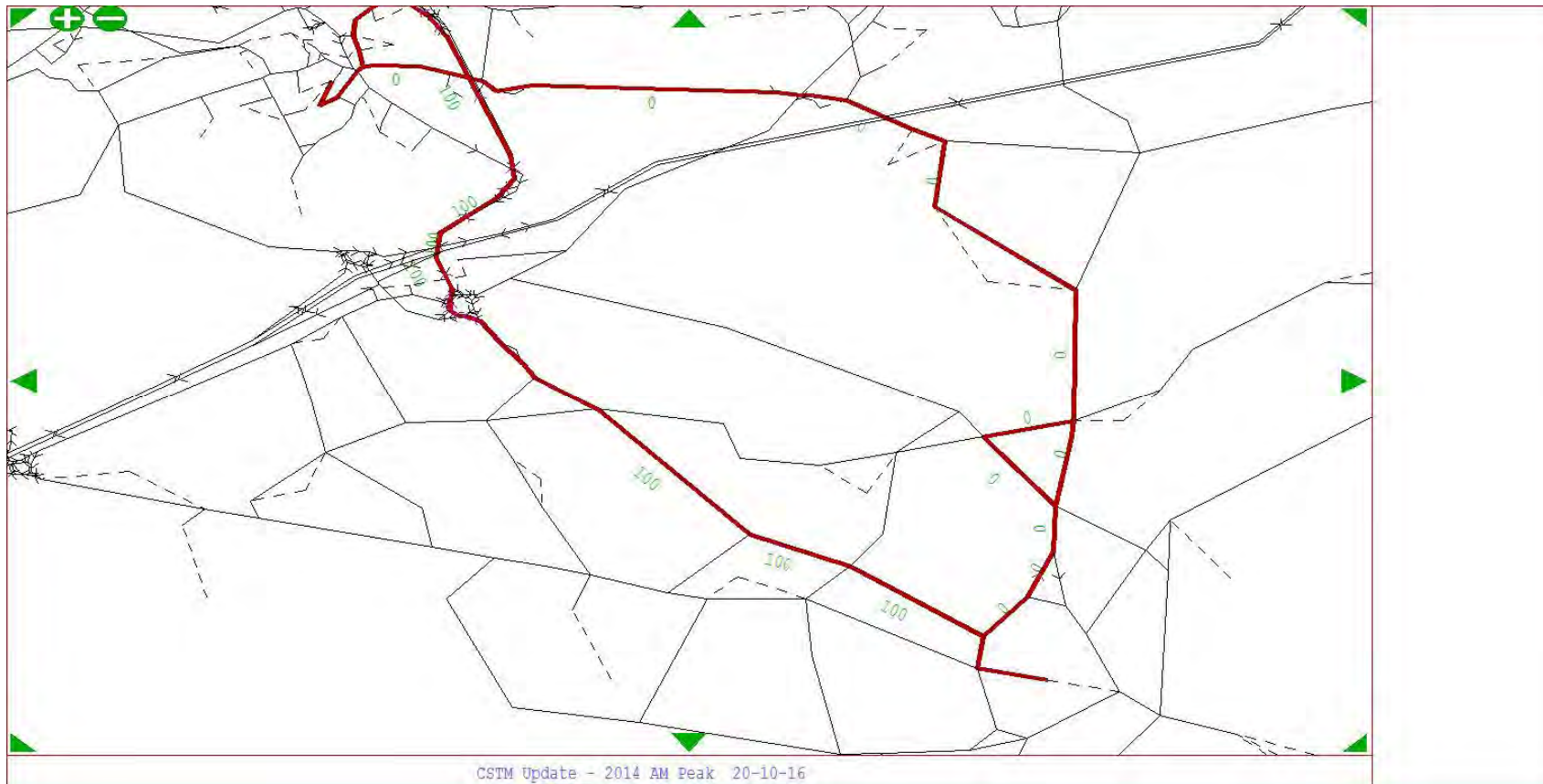
From Zone 909 To Zone 188 - User Class 3



From Zone 909 To Zone 188 - User Class 4

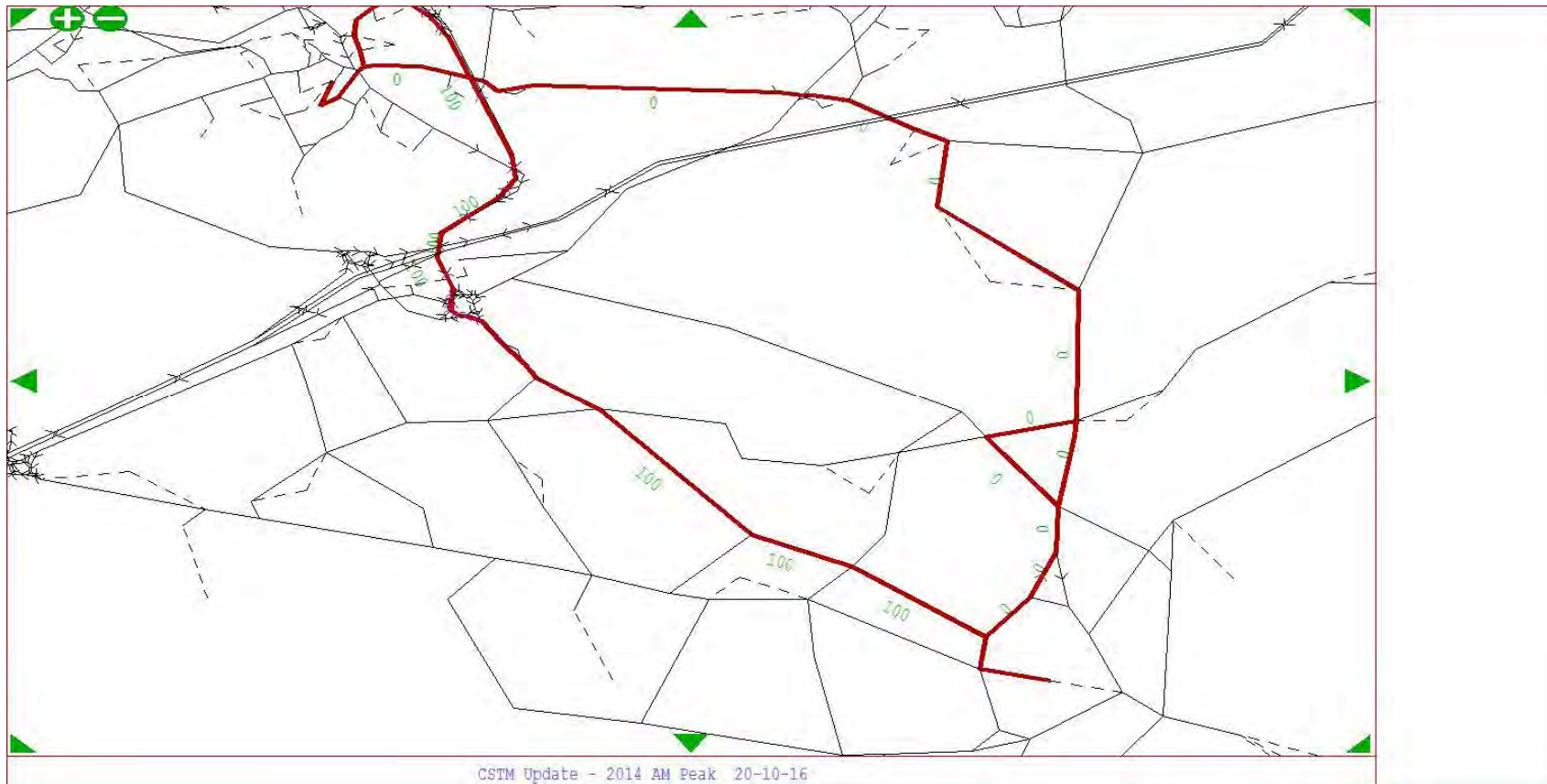


From Zone 909 To Zone 188 - User Class 5





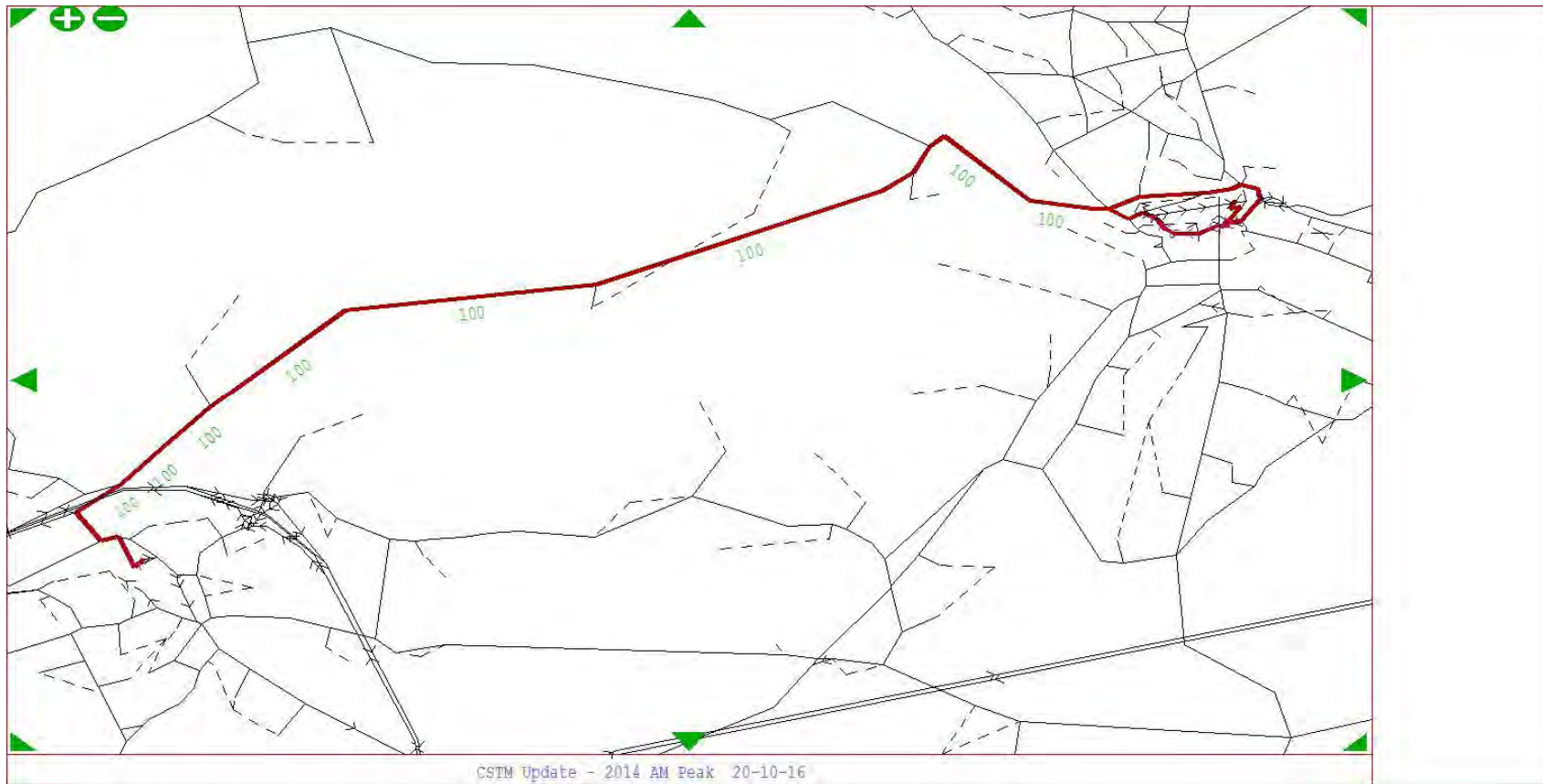
From Zone 909 To Zone 188 - User Class 6



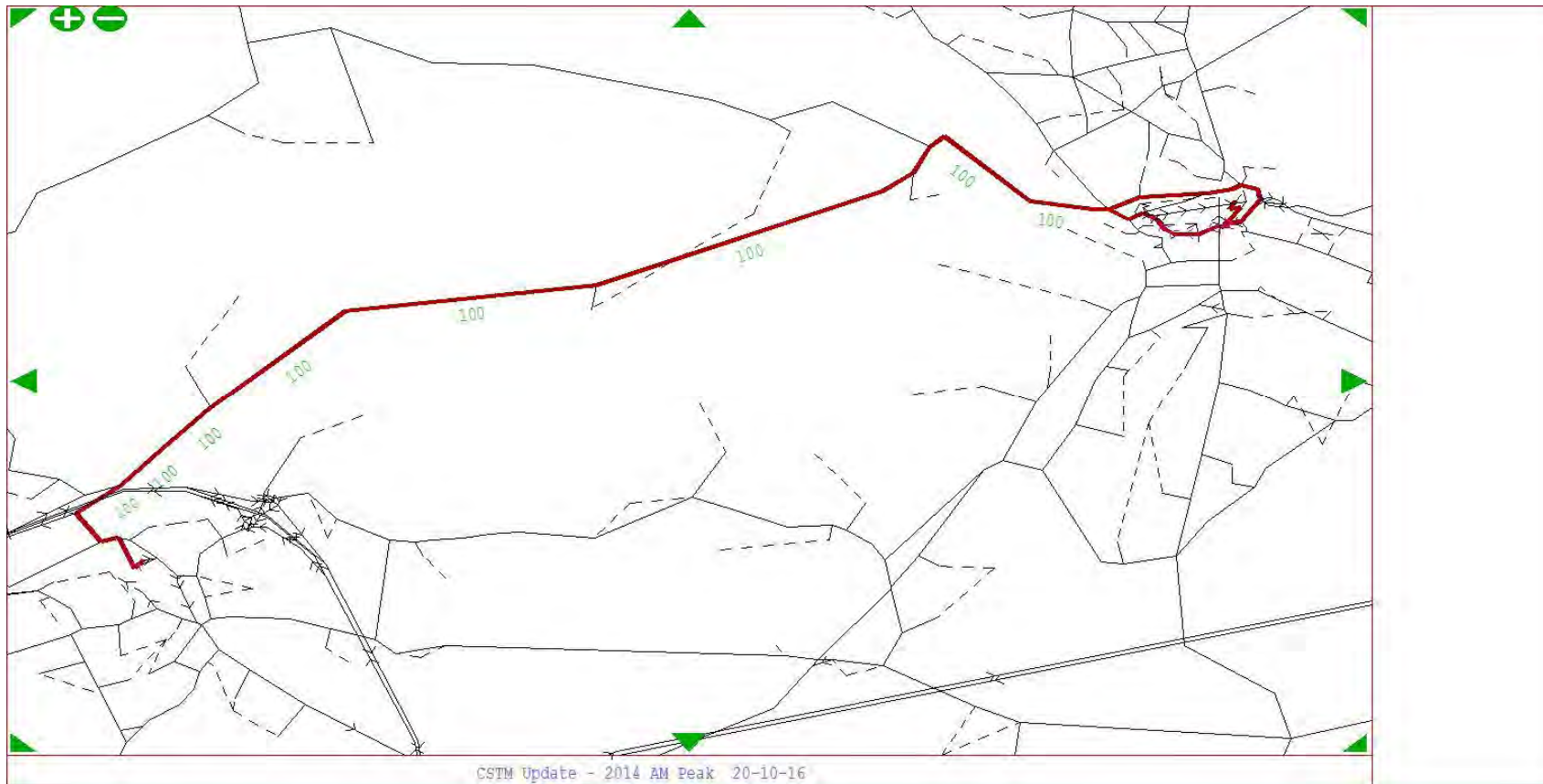


## Brighouse to Elland

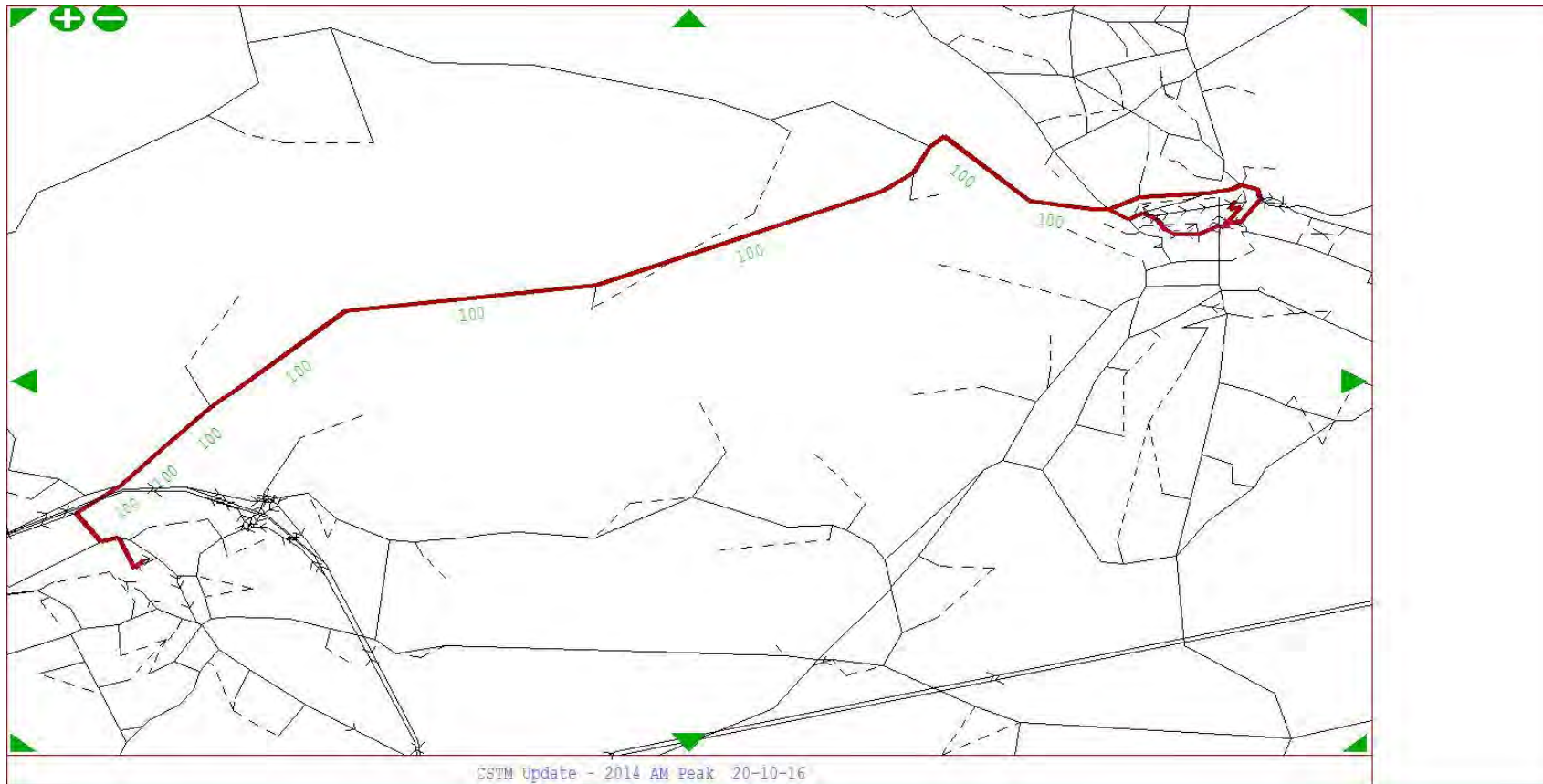
From Zone 458 To Zone 480 - User Class 1



From Zone 458 To Zone 480 - User Class 2



From Zone 458 To Zone 480 - User Class 3



[illegible]

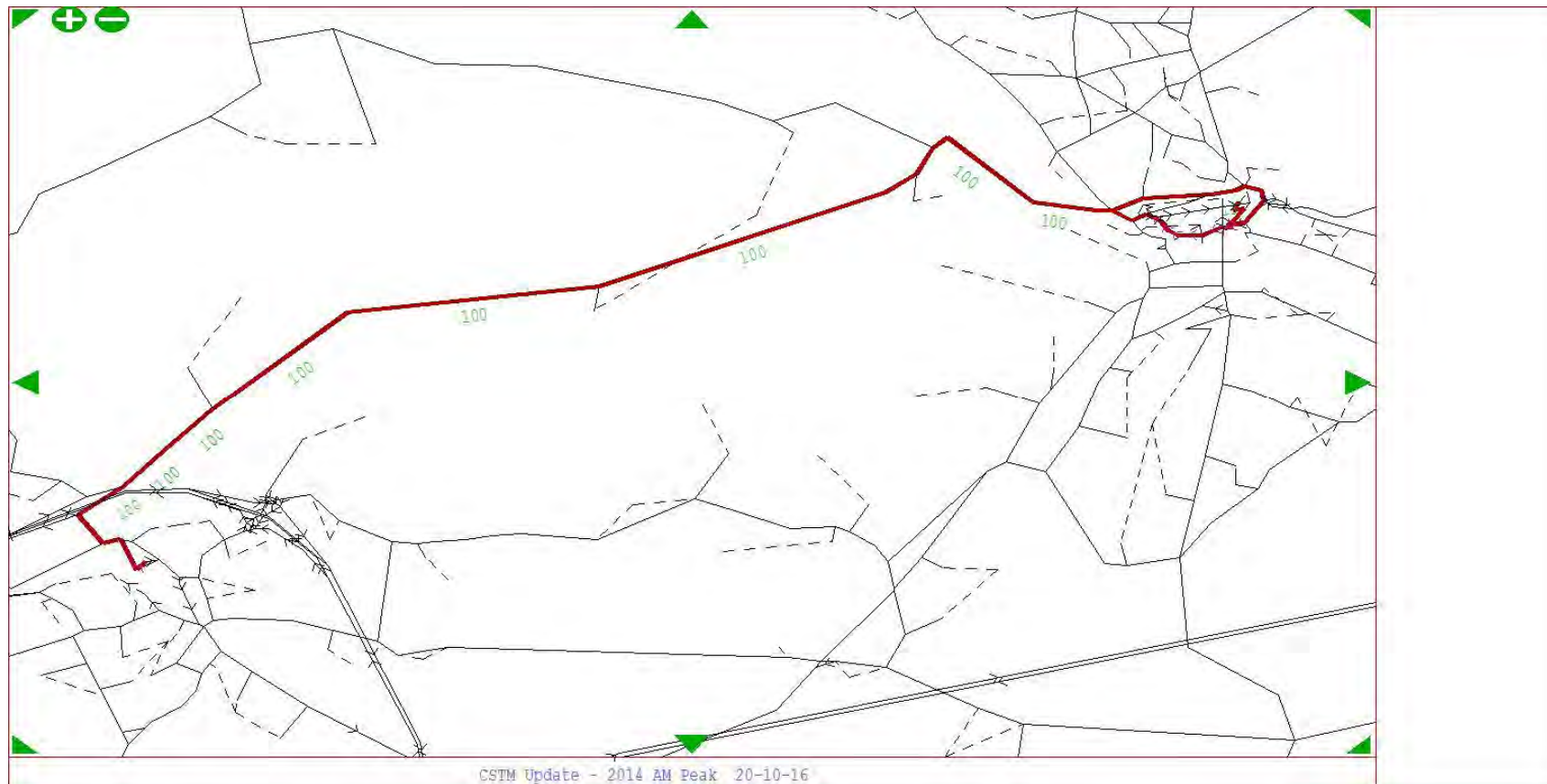
CSTM Update - 2014 AM Peak 20-10-16

CSTM Update - 2014 AM Peak 20-10-16

CSTM Update - 2014 AM Peak 20-10-16

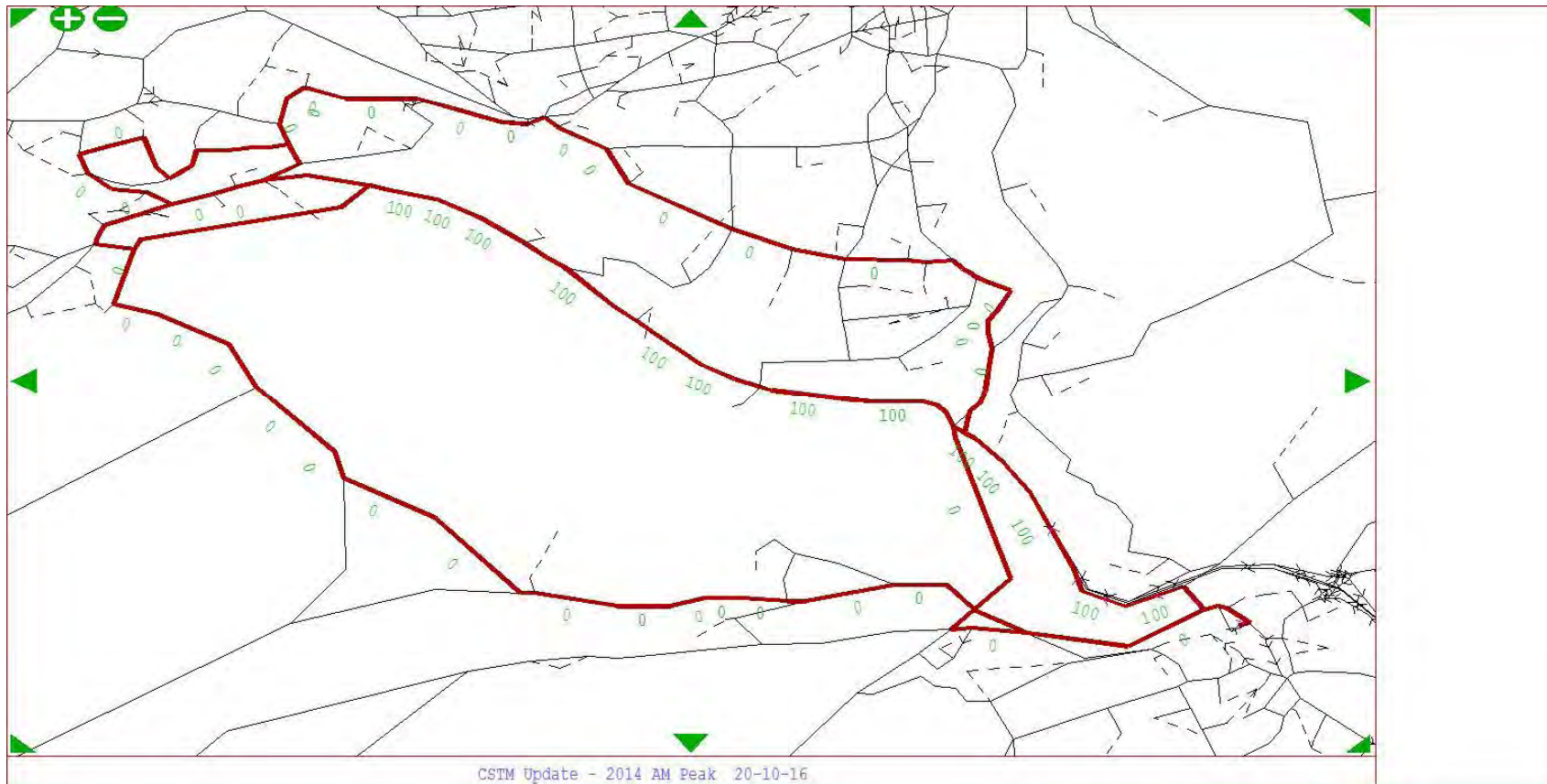


From Zone 458 To Zone 480 - User Class 6

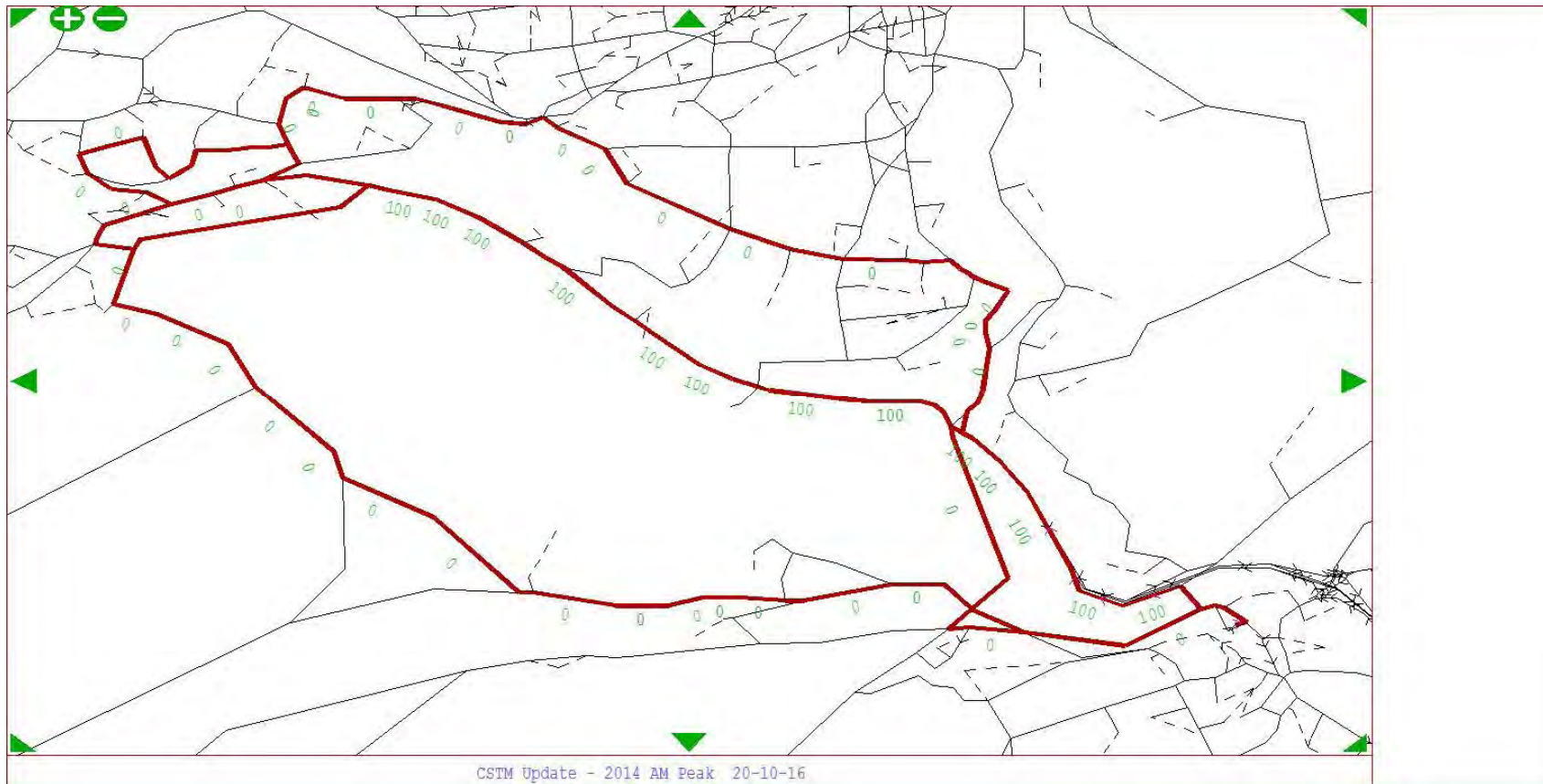


## Elland to Sowerby Bridge

From Zone 480 To Zone 114 - User Class 1

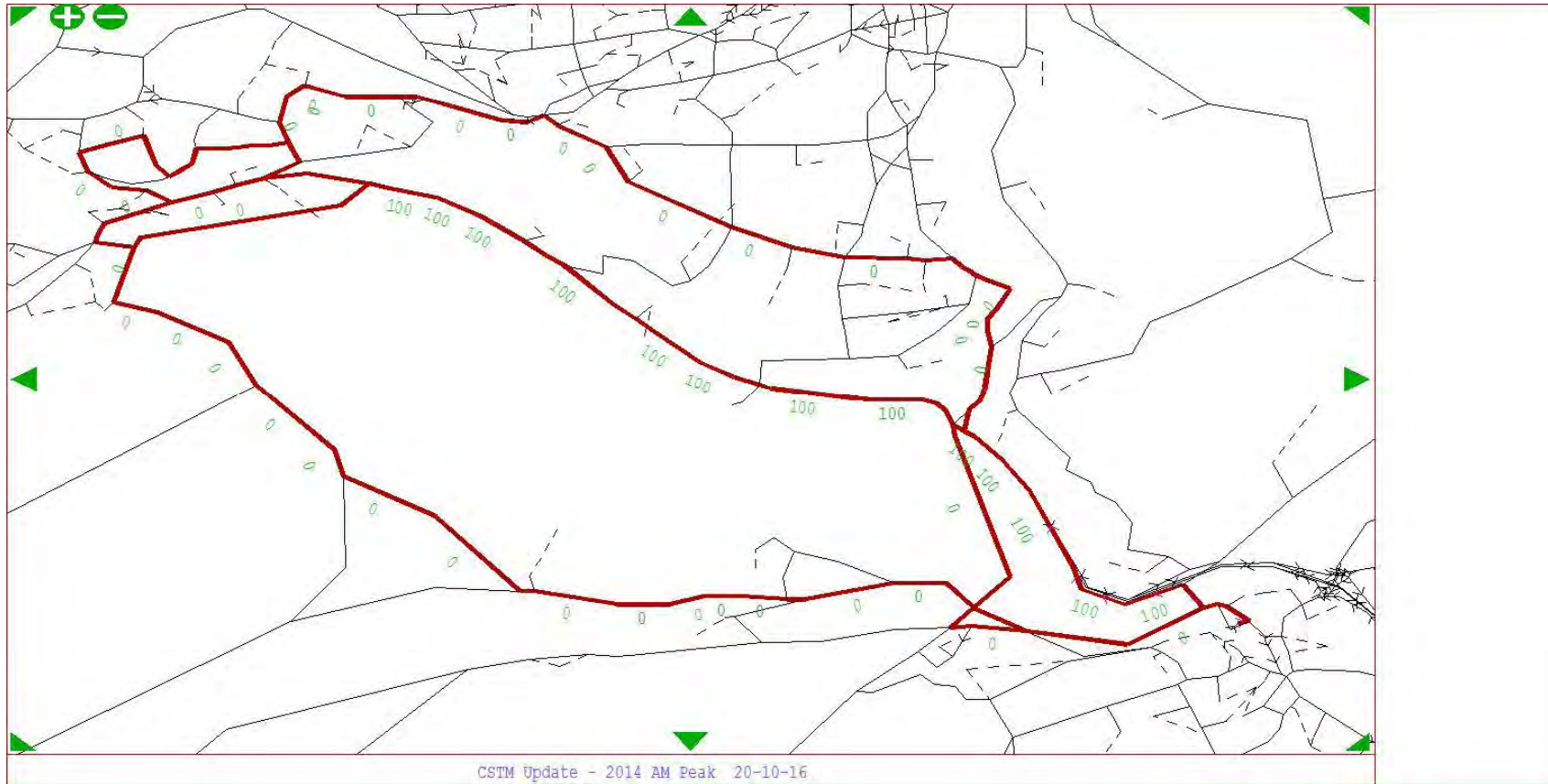


From Zone 480 To Zone 114 - User Class 2

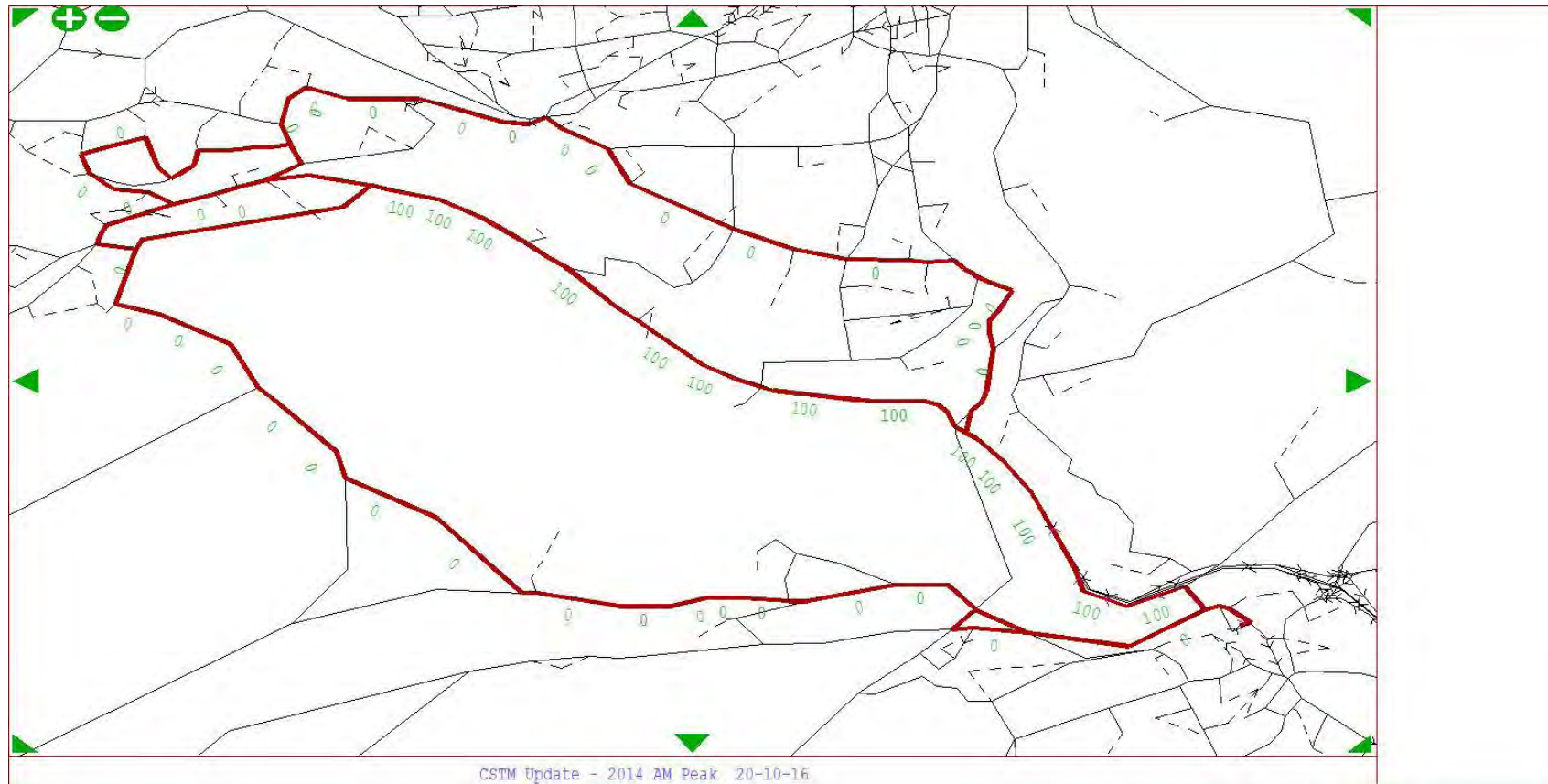




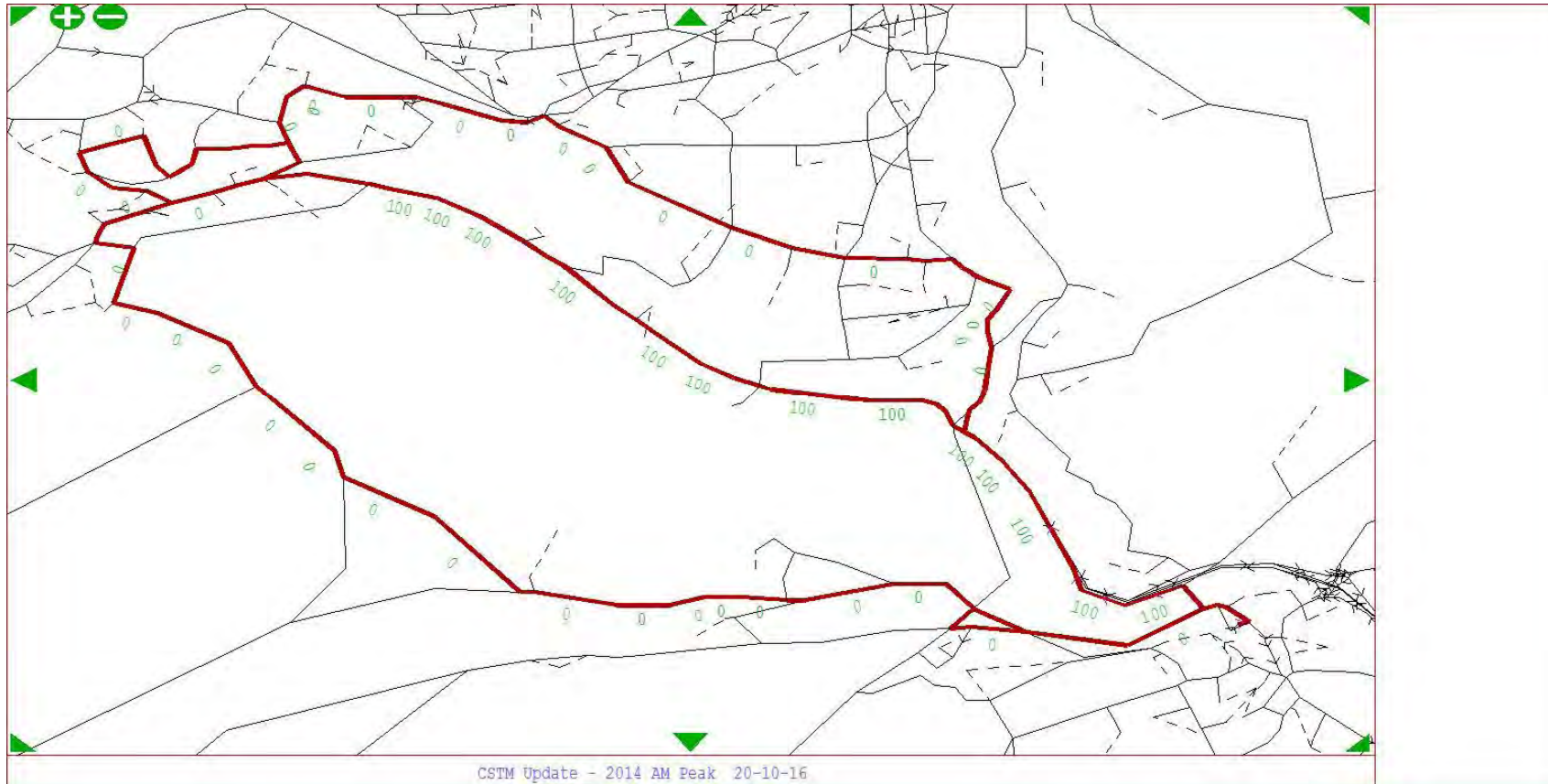
From Zone 480 To Zone 114 - User Class 3



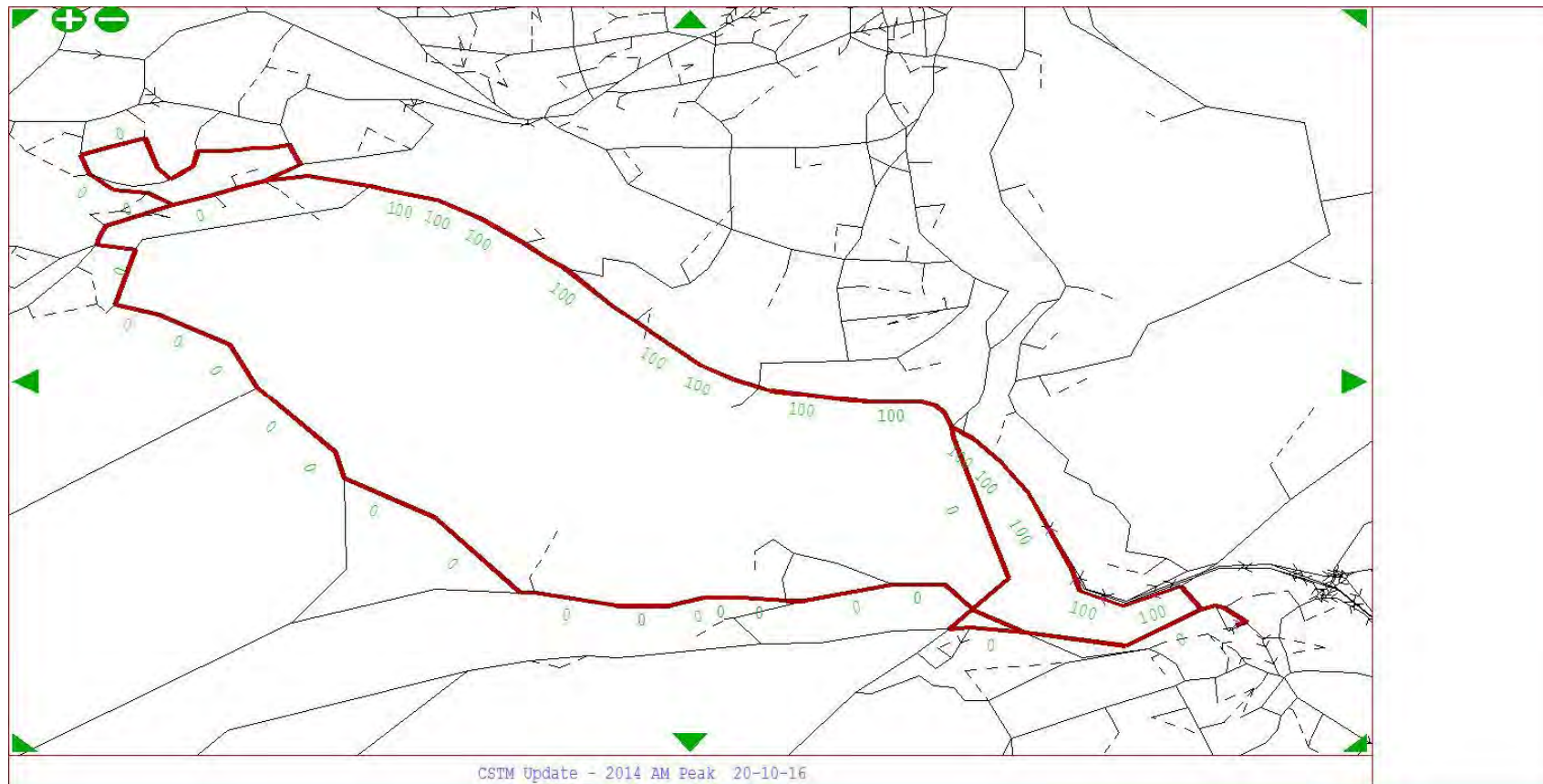
From Zone 480 To Zone 114 - User Class 4



From Zone 480 To Zone 114 - User Class 5



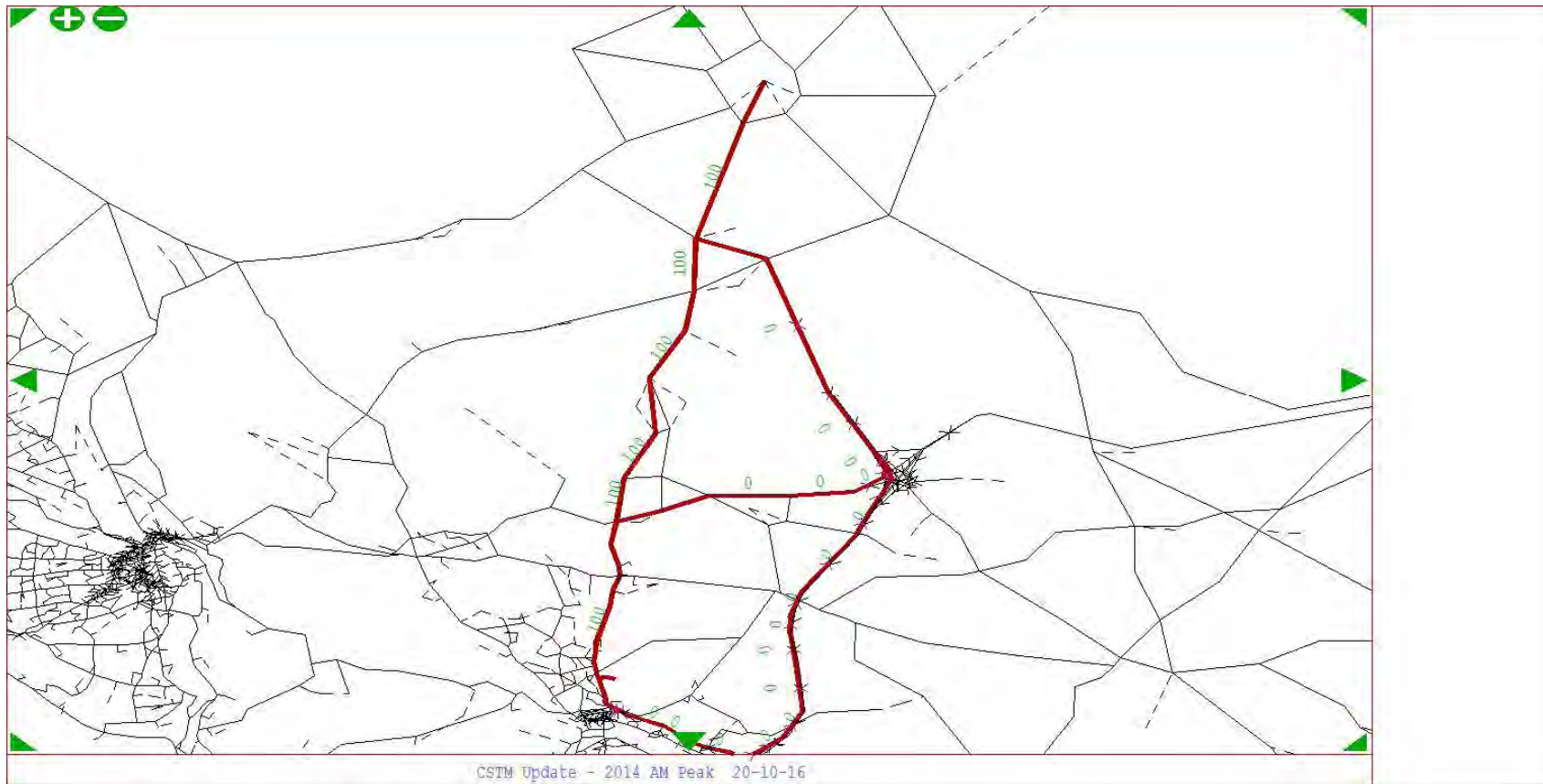
# From Zone 480 To Zone 114 - User Class 6



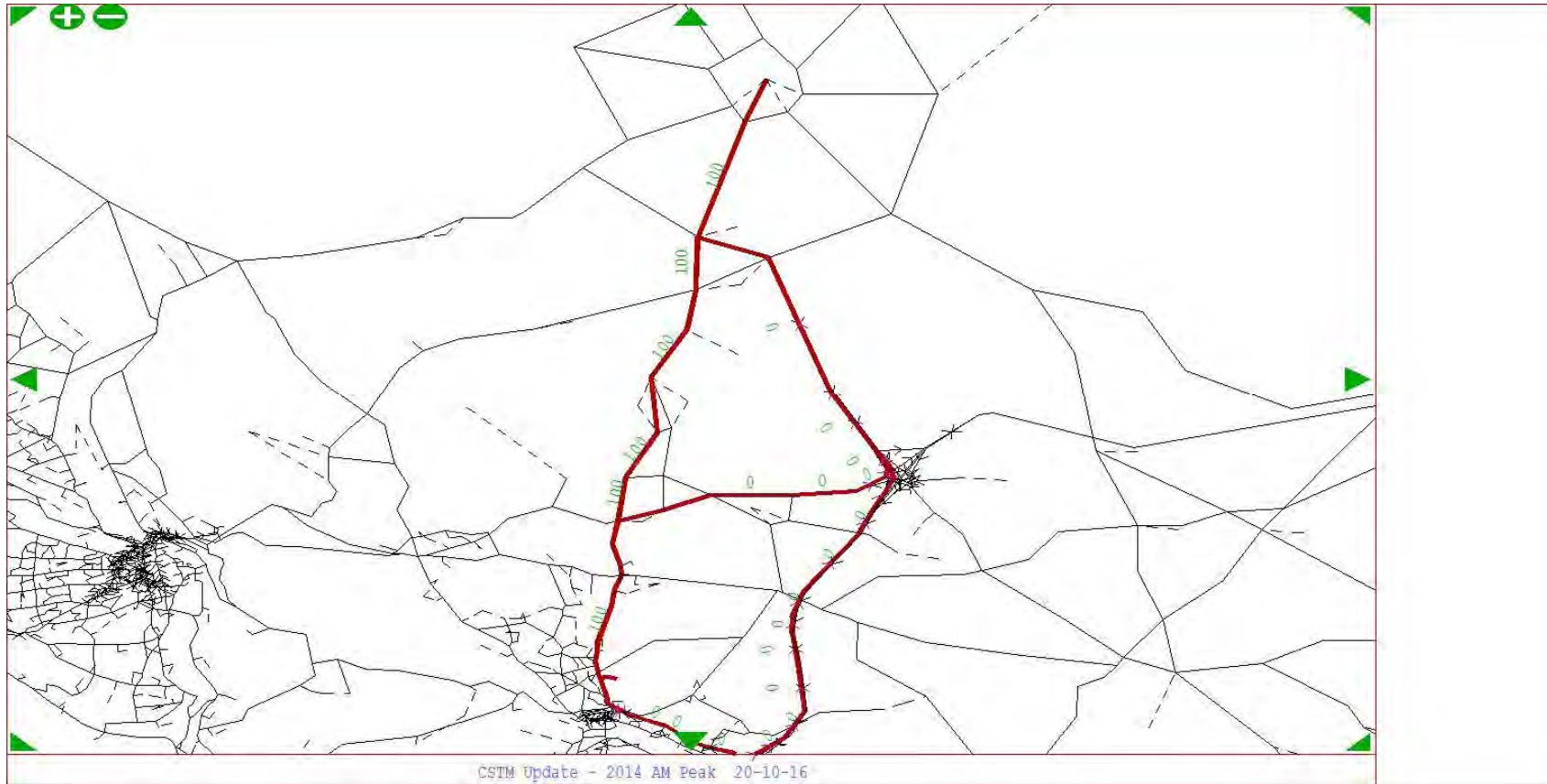


# Brighthouse to Bradford

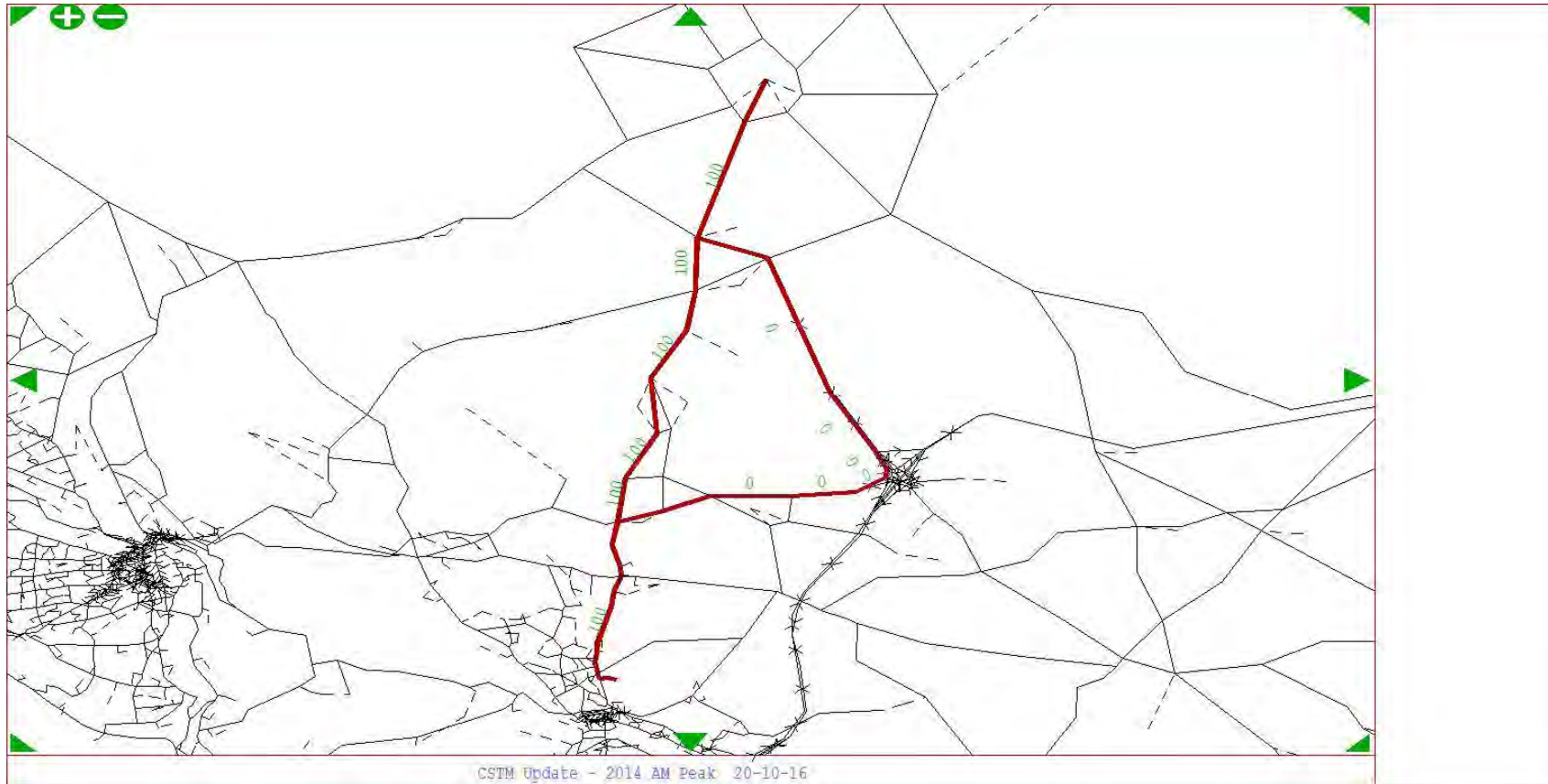
From Zone 171 To Zone 32 - User Class 1



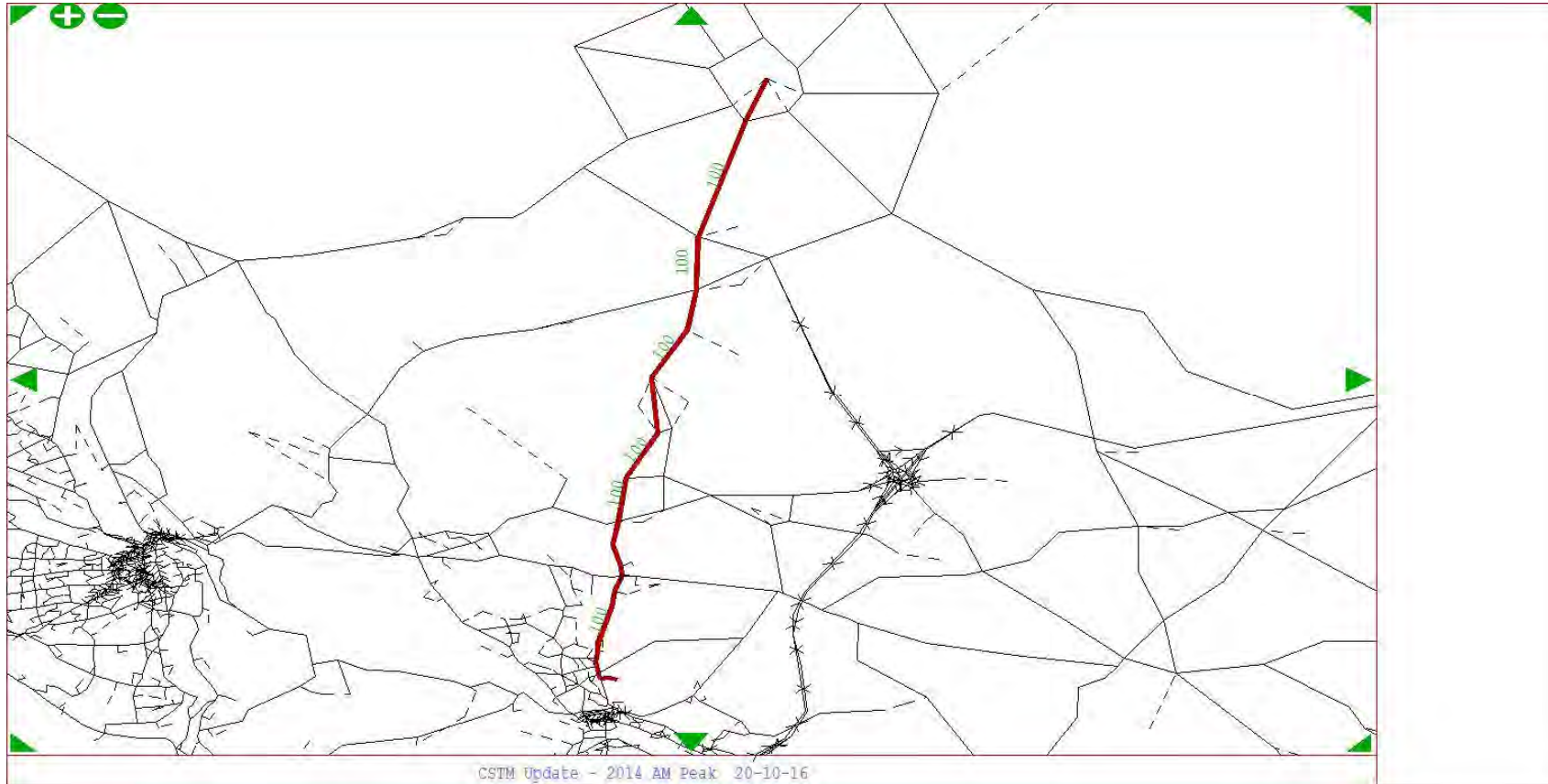
CSTM Update - 2014 AM Peak 20-10-16



From Zone 171 To Zone 32 - User Class 4



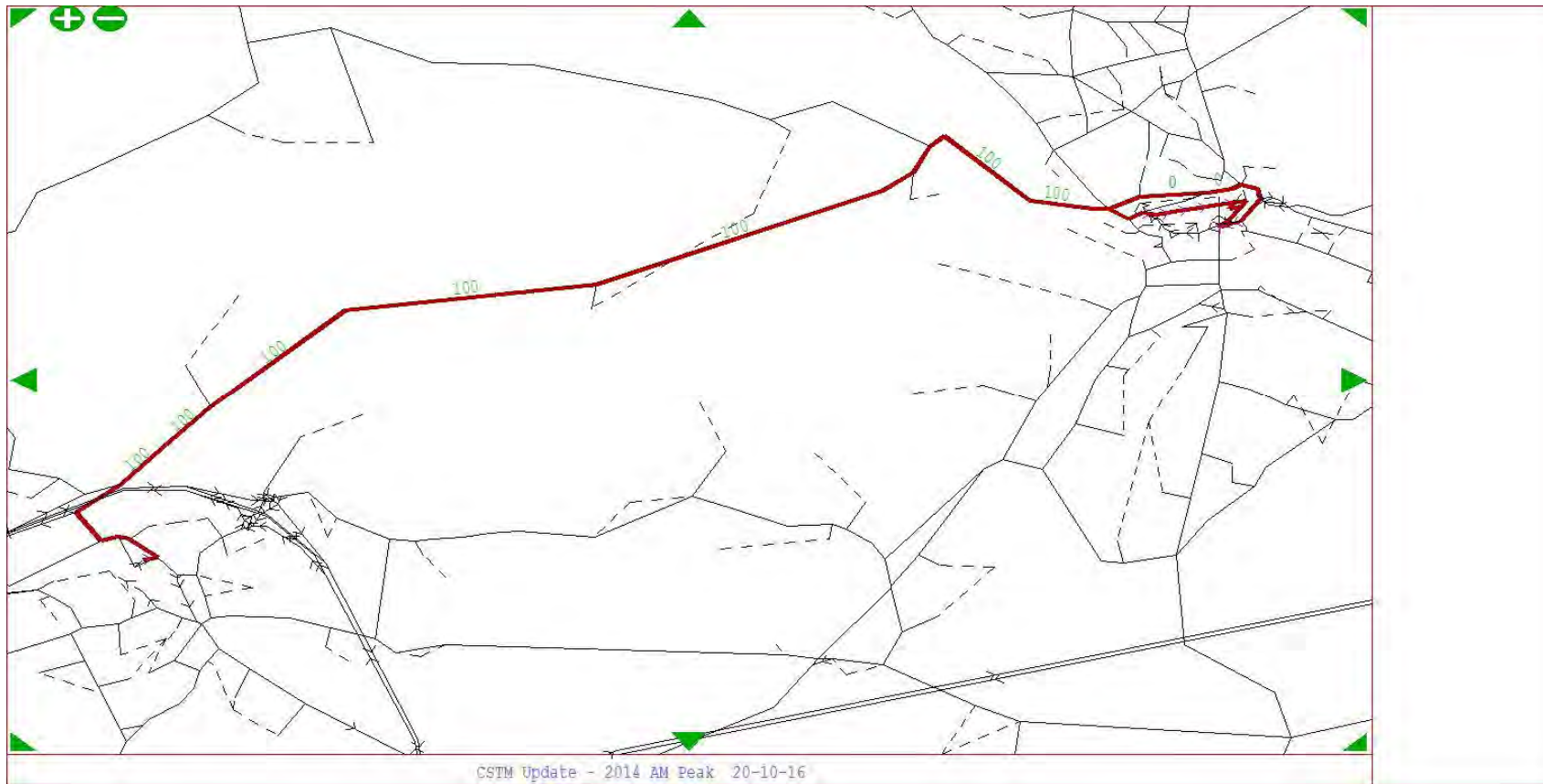




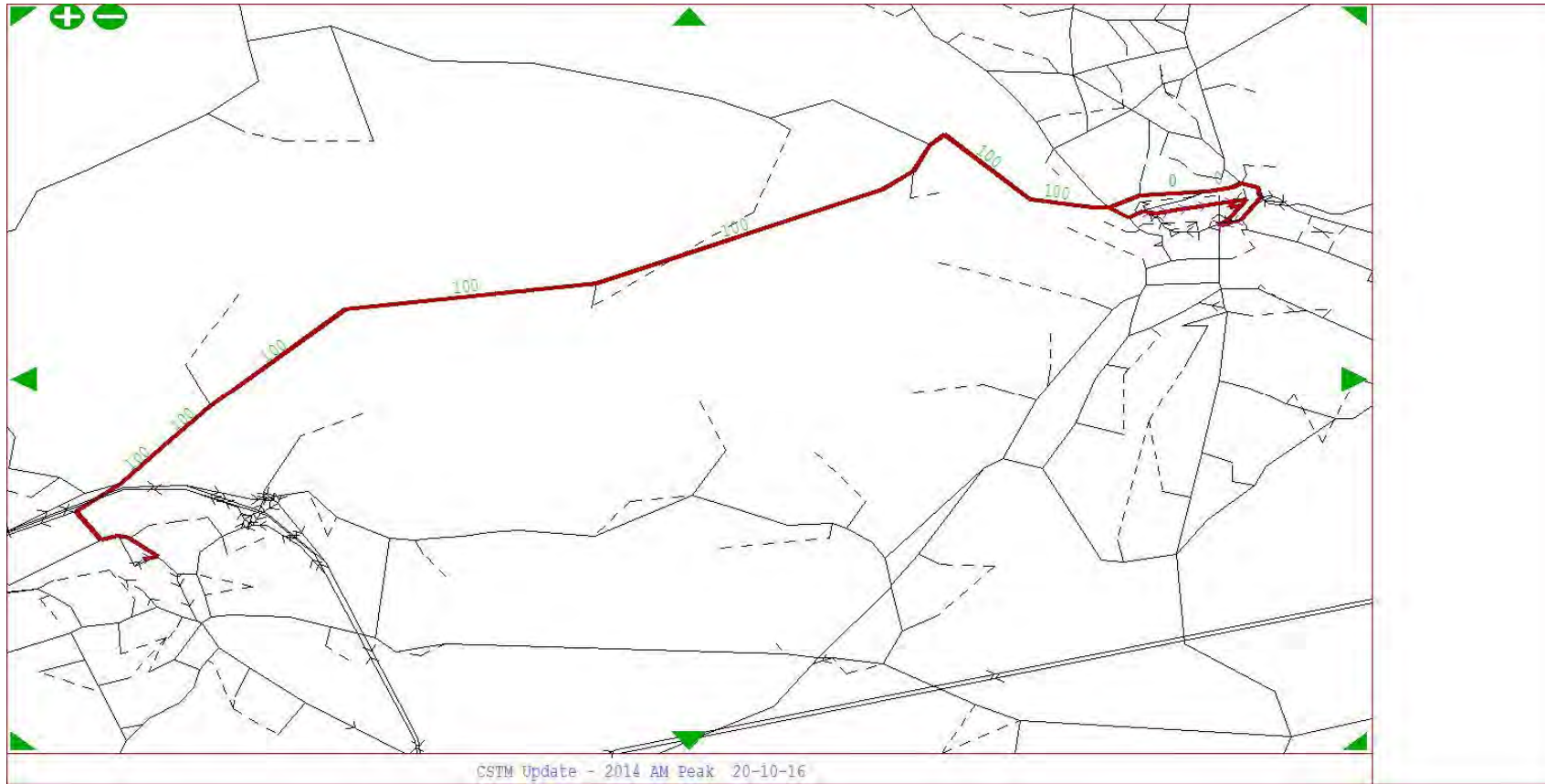
CSTM Update - 2014 AM Peak 20-10-16

## Elland to Brighouse

From Zone 480 To Zone 458 - User Class 1

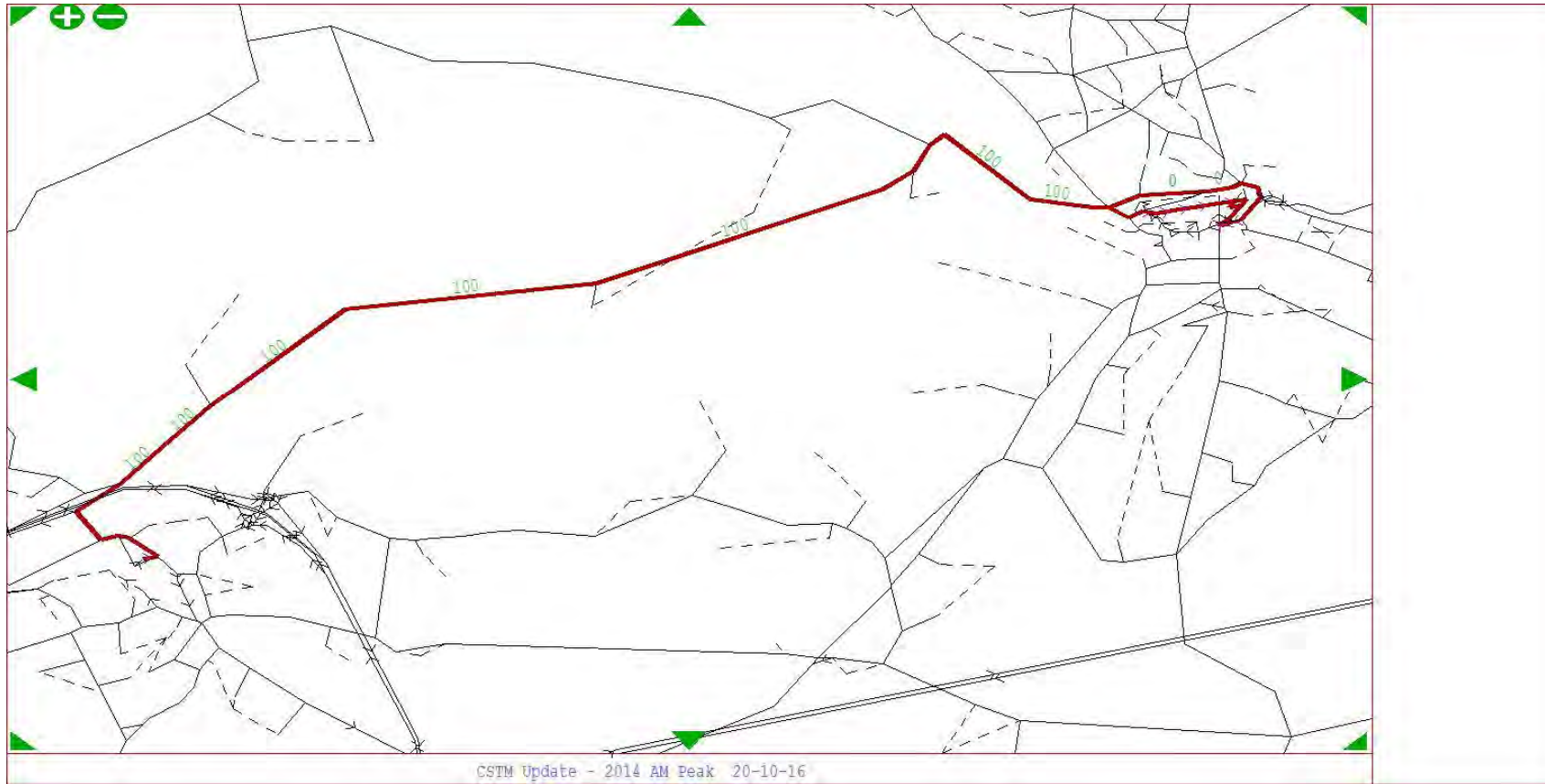


From Zone 480 To Zone 458 - User Class 2

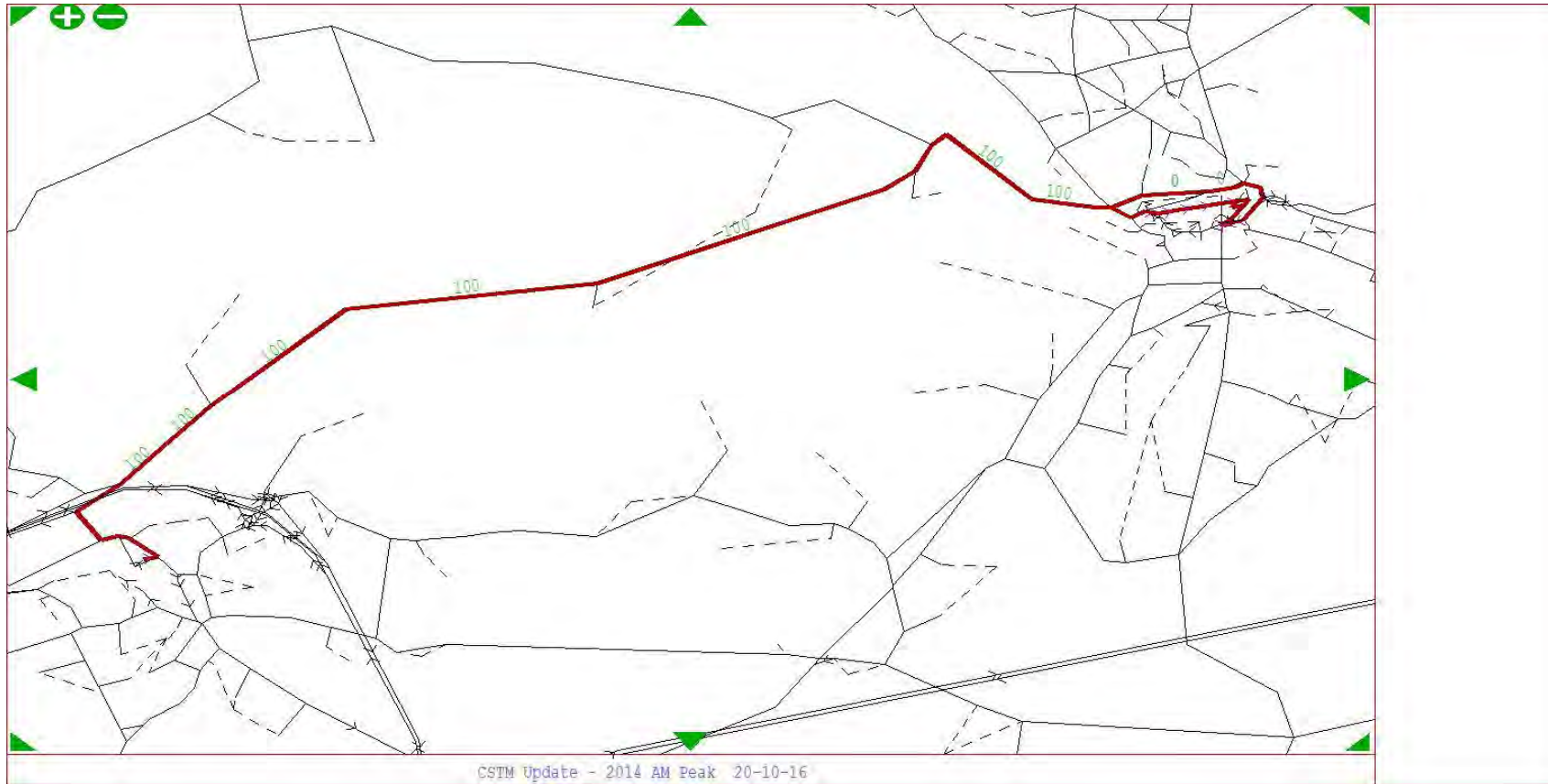




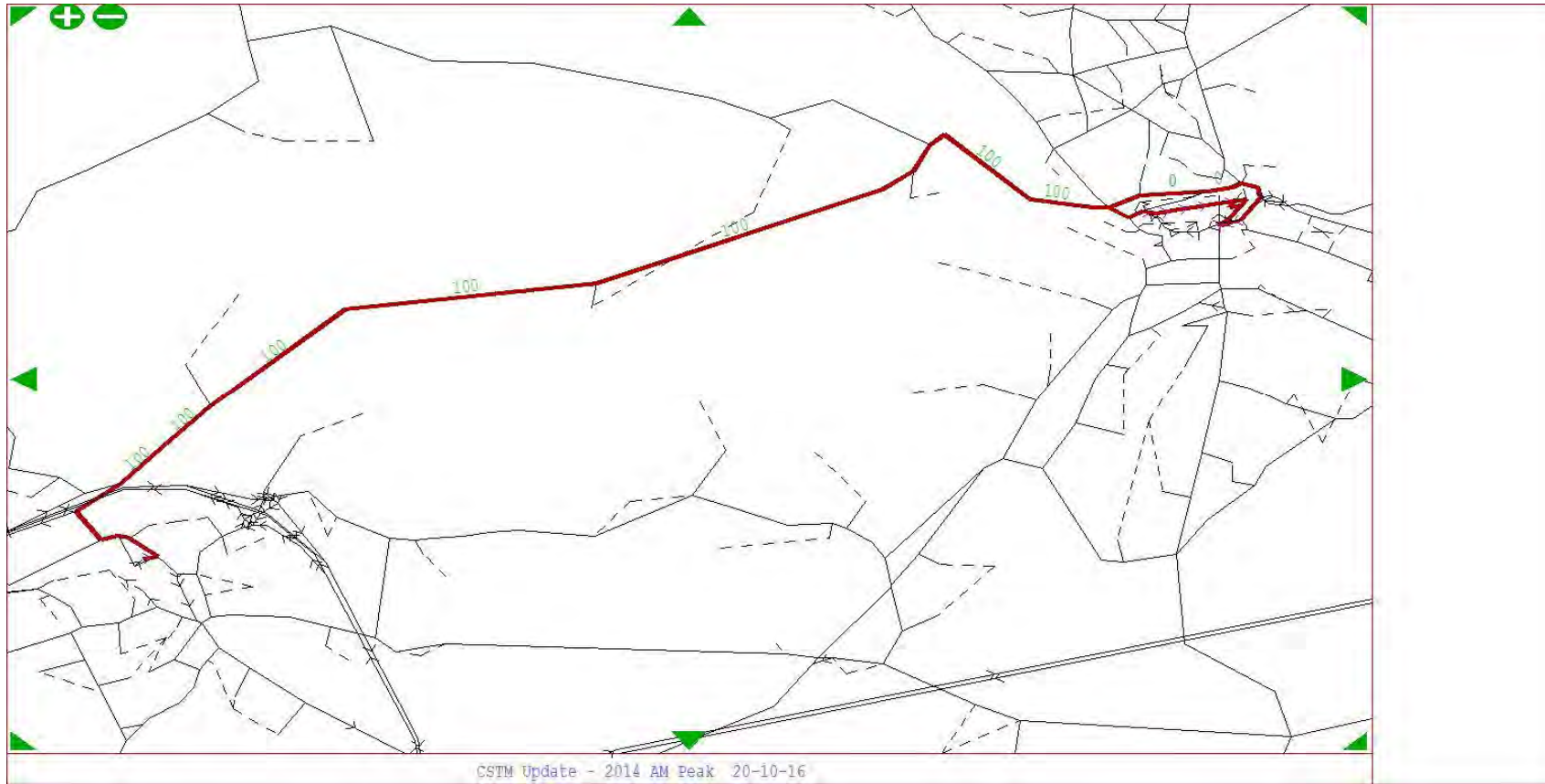
From Zone 480 To Zone 458 - User Class 3

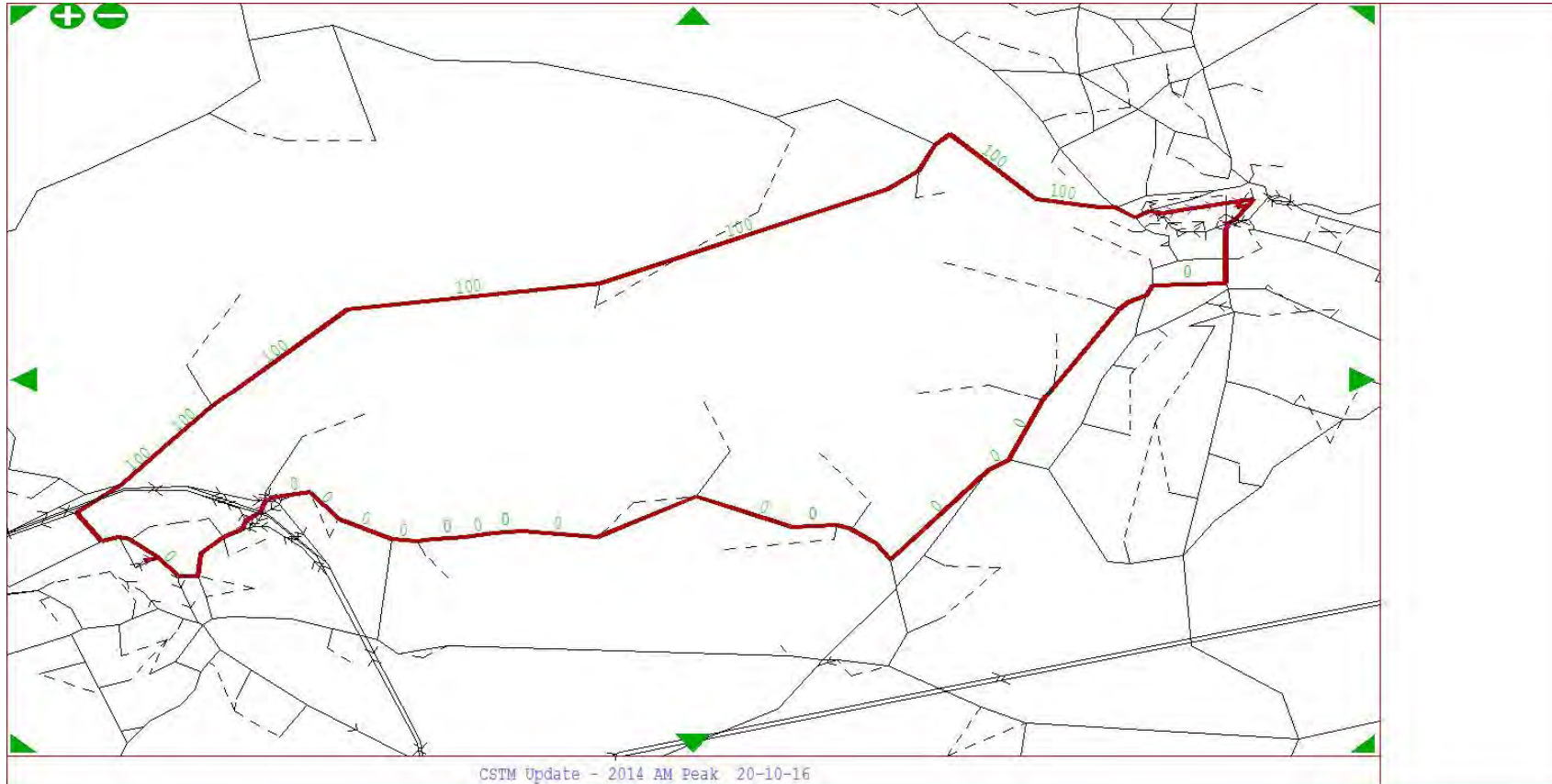


From Zone 480 To Zone 458 - User Class 4



From Zone 480 To Zone 458 - User Class 5

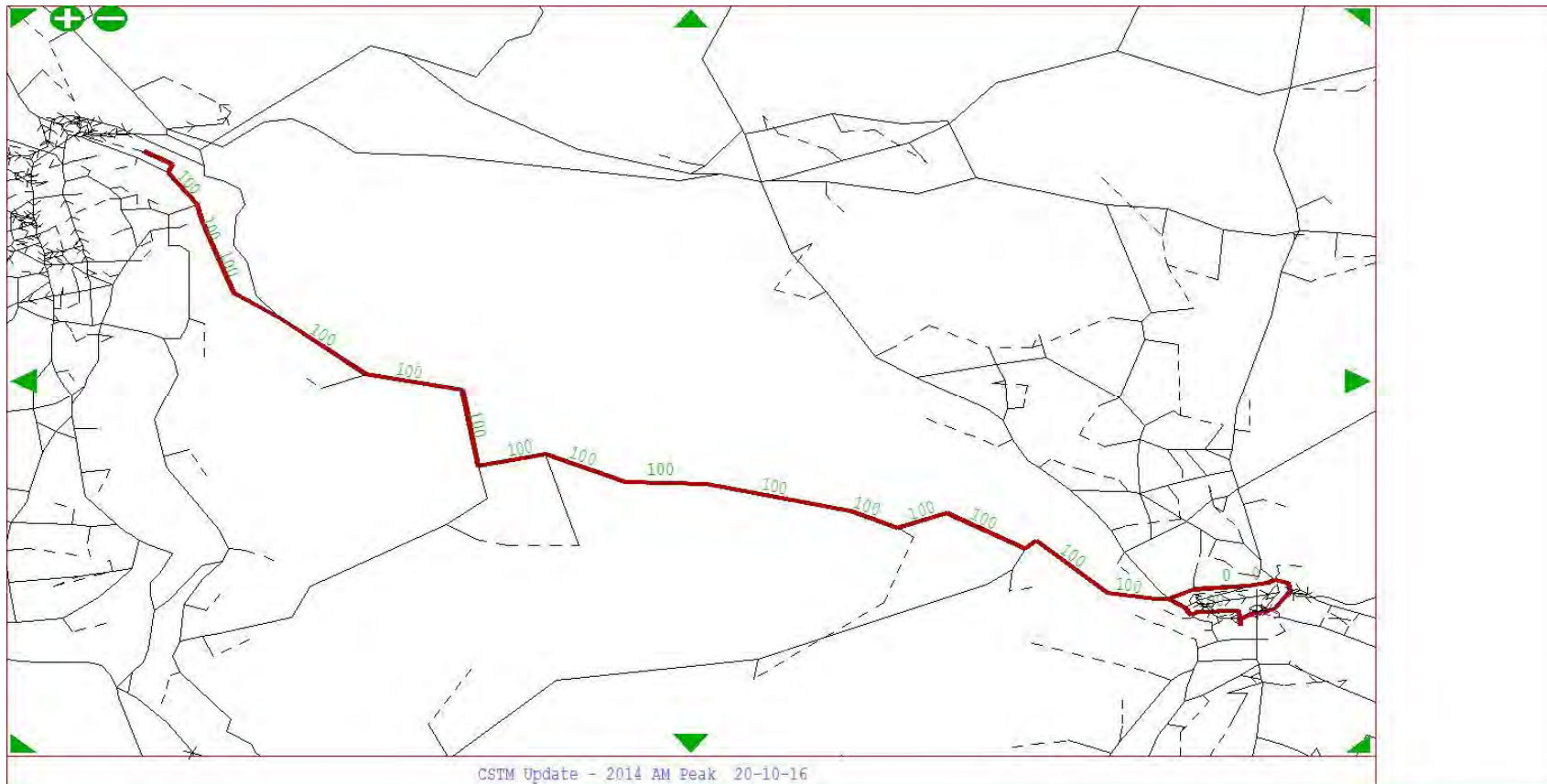




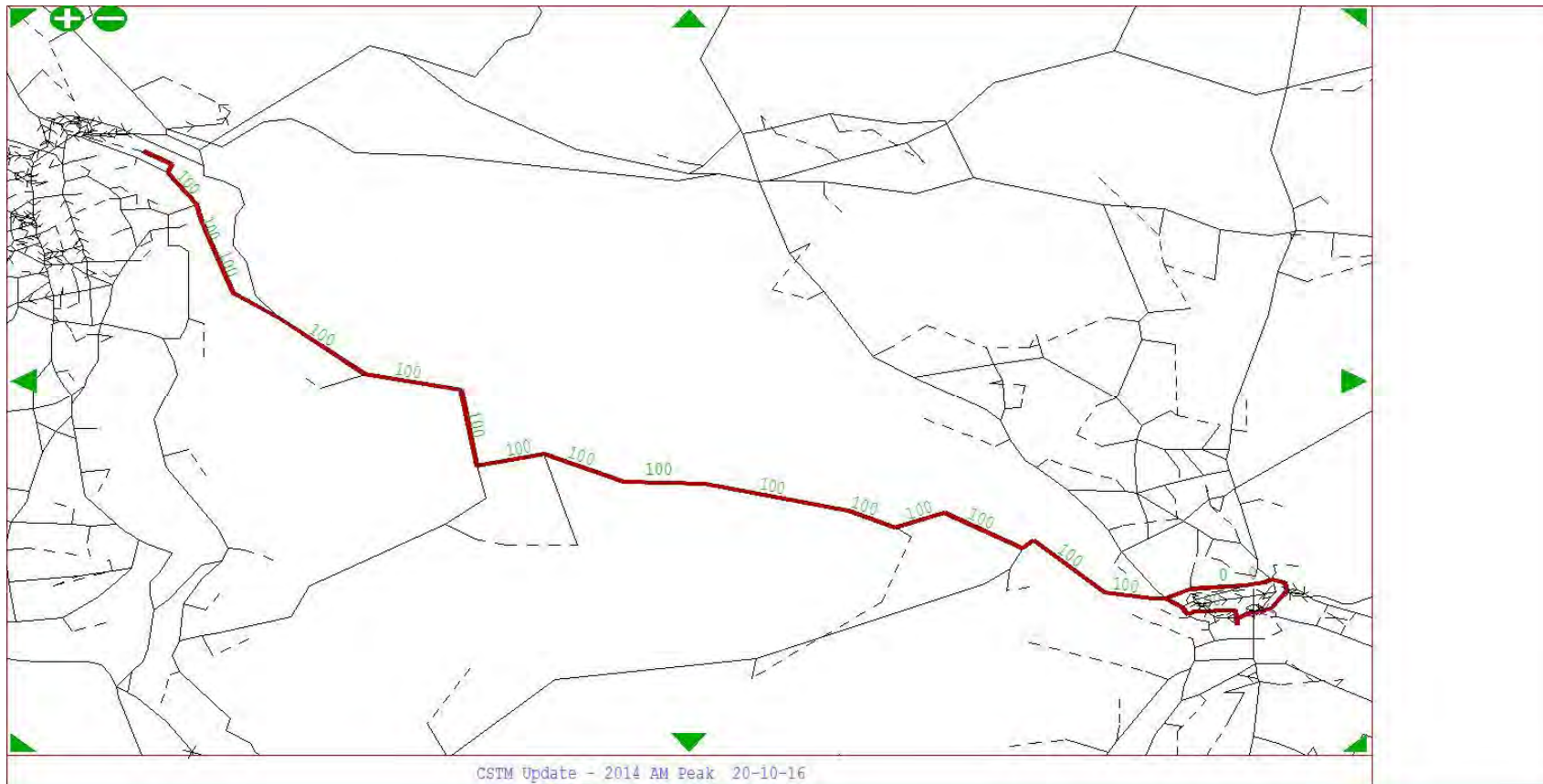


# Halifax Town Centre to Brighthouse

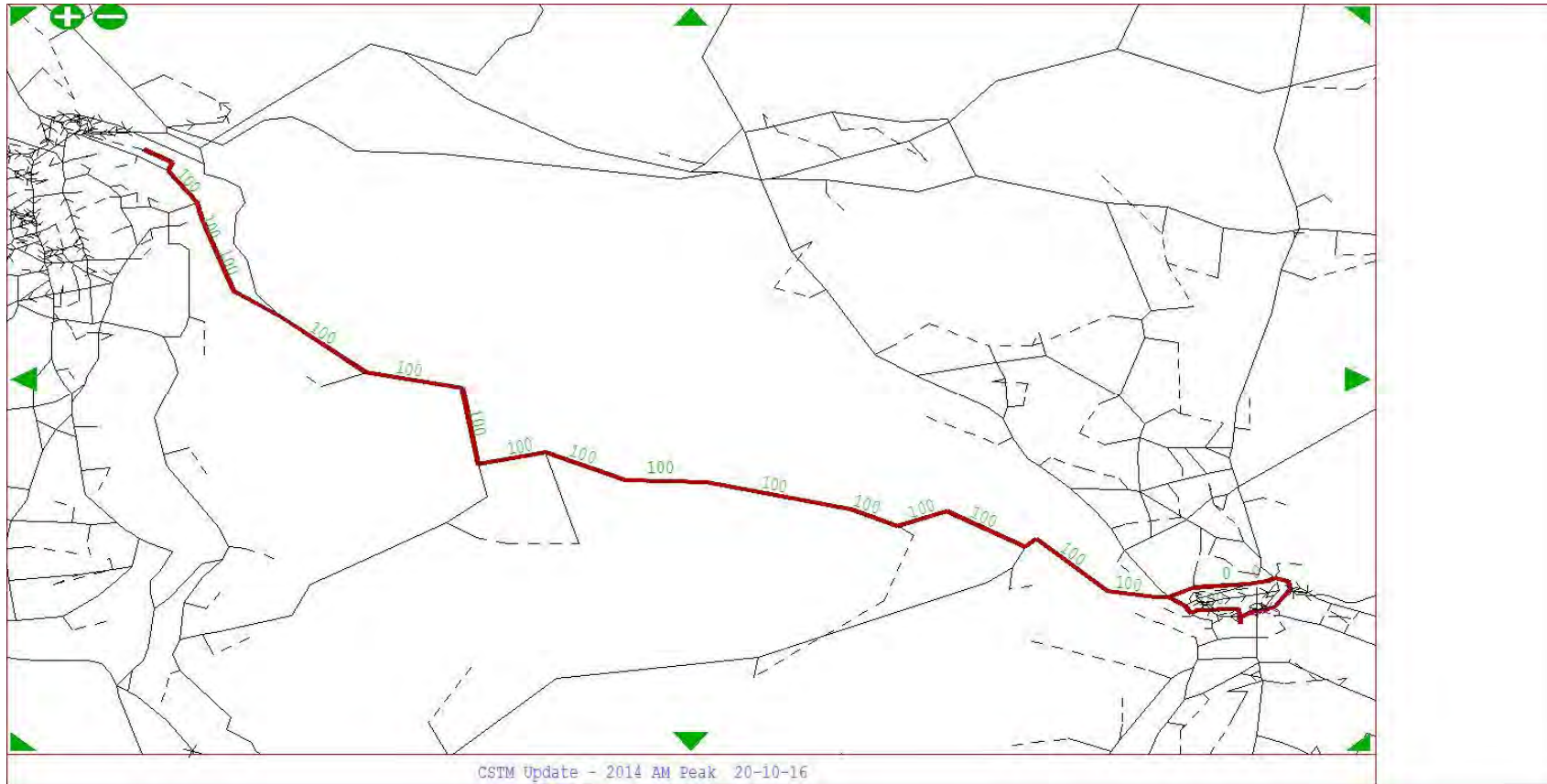
From Zone 109 To Zone 158 - User Class 1



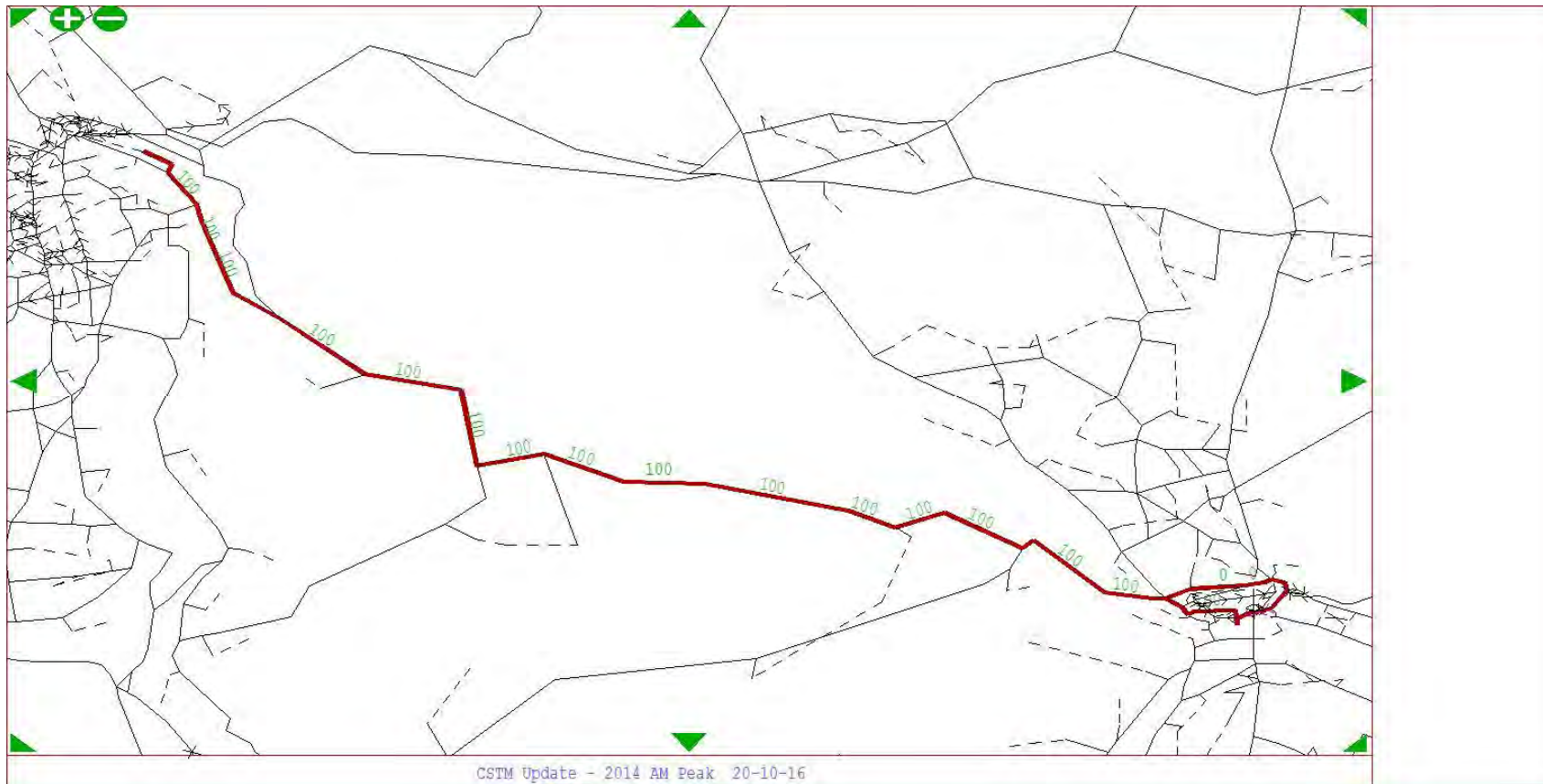
From Zone 109 To Zone 158 - User Class 2



From Zone 109 To Zone 158 - User Class 3



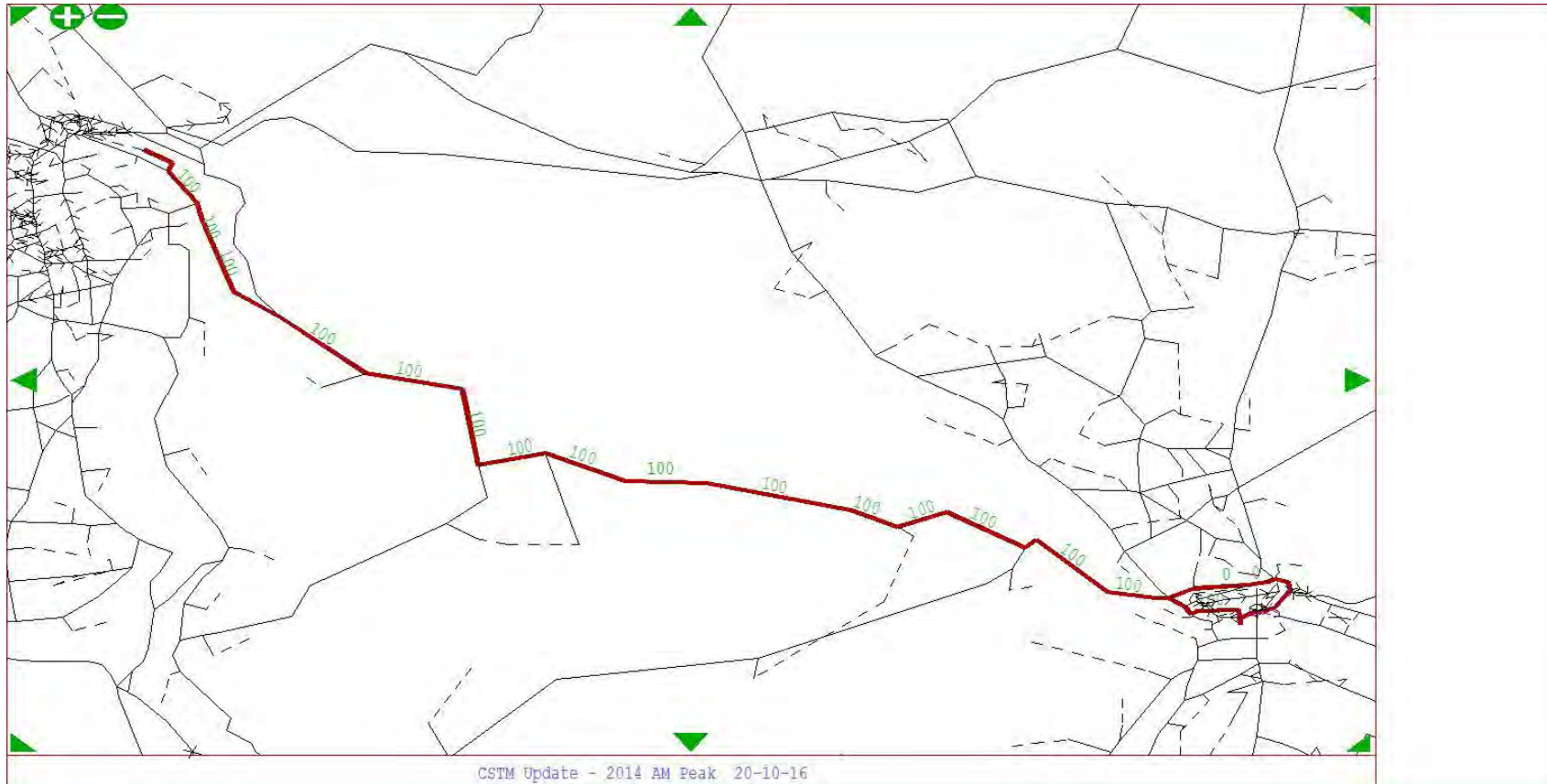
From Zone 109 To Zone 158 - User Class 4





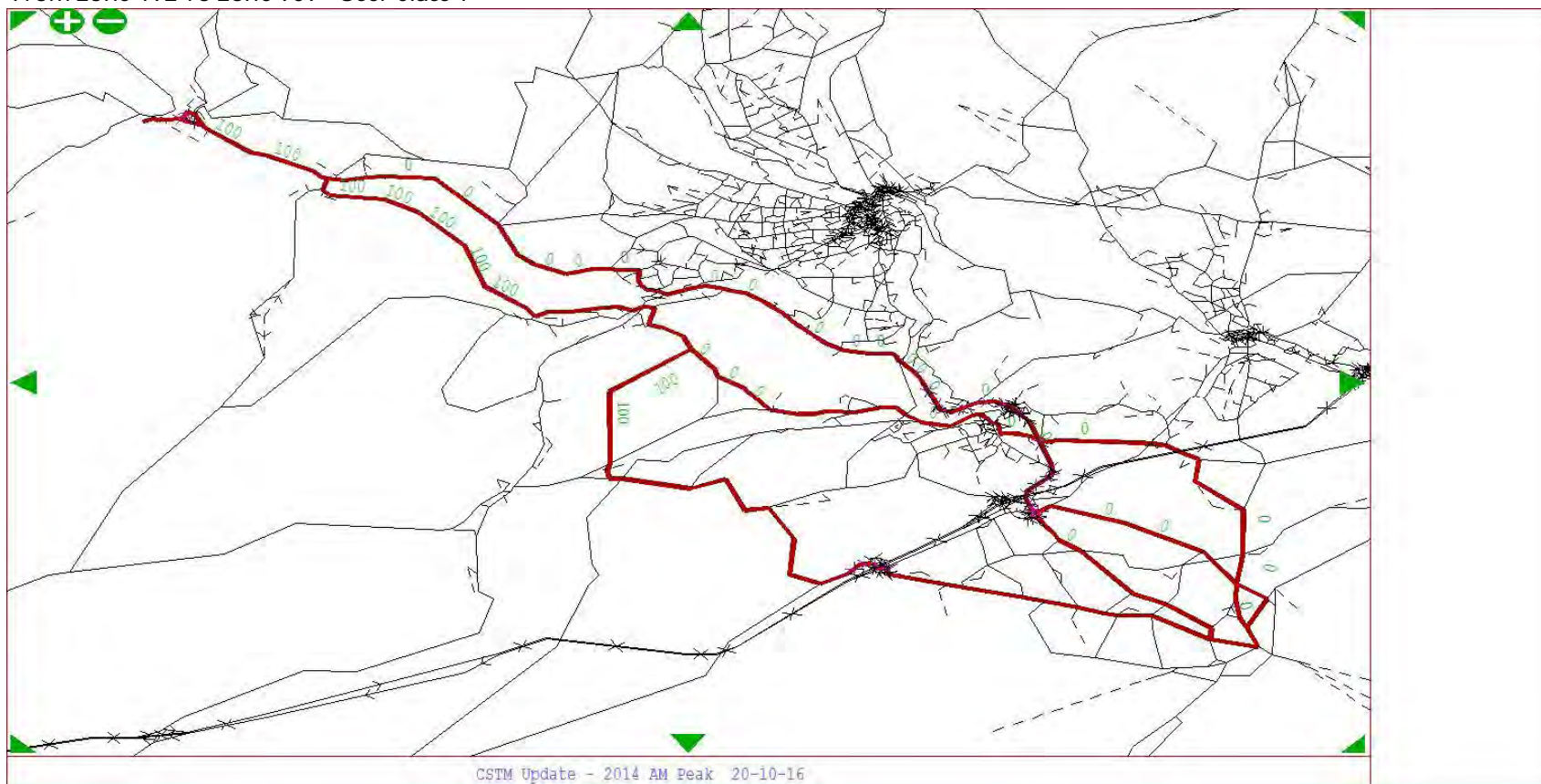
CSTM Update - 2014 AM Peak 20-10-16

From Zone 109 To Zone 158 - User Class 6

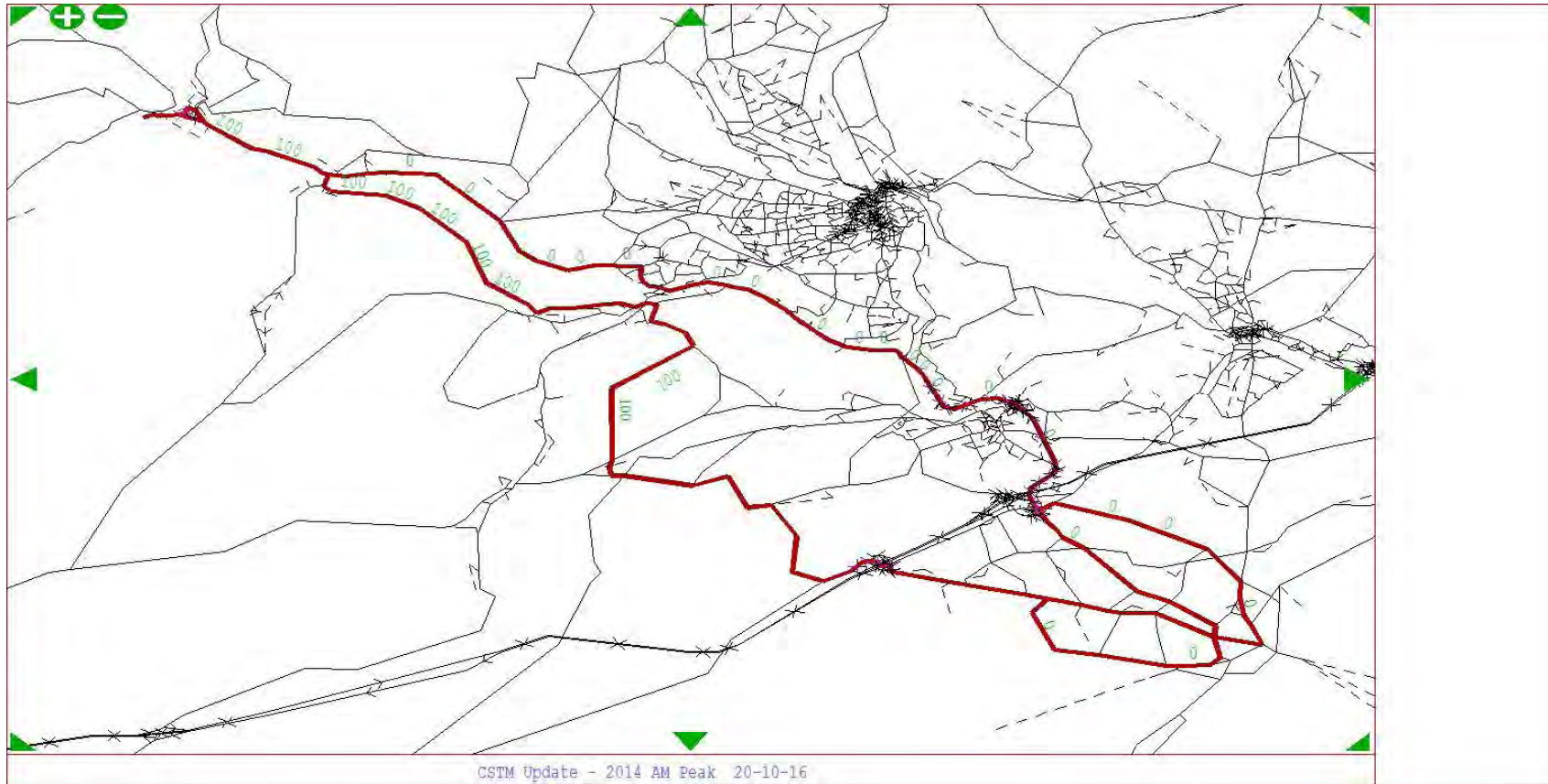


From Zone 192 To Zone 909 - User Class 1

From Zone 192 To Zone 909 - User Class 1

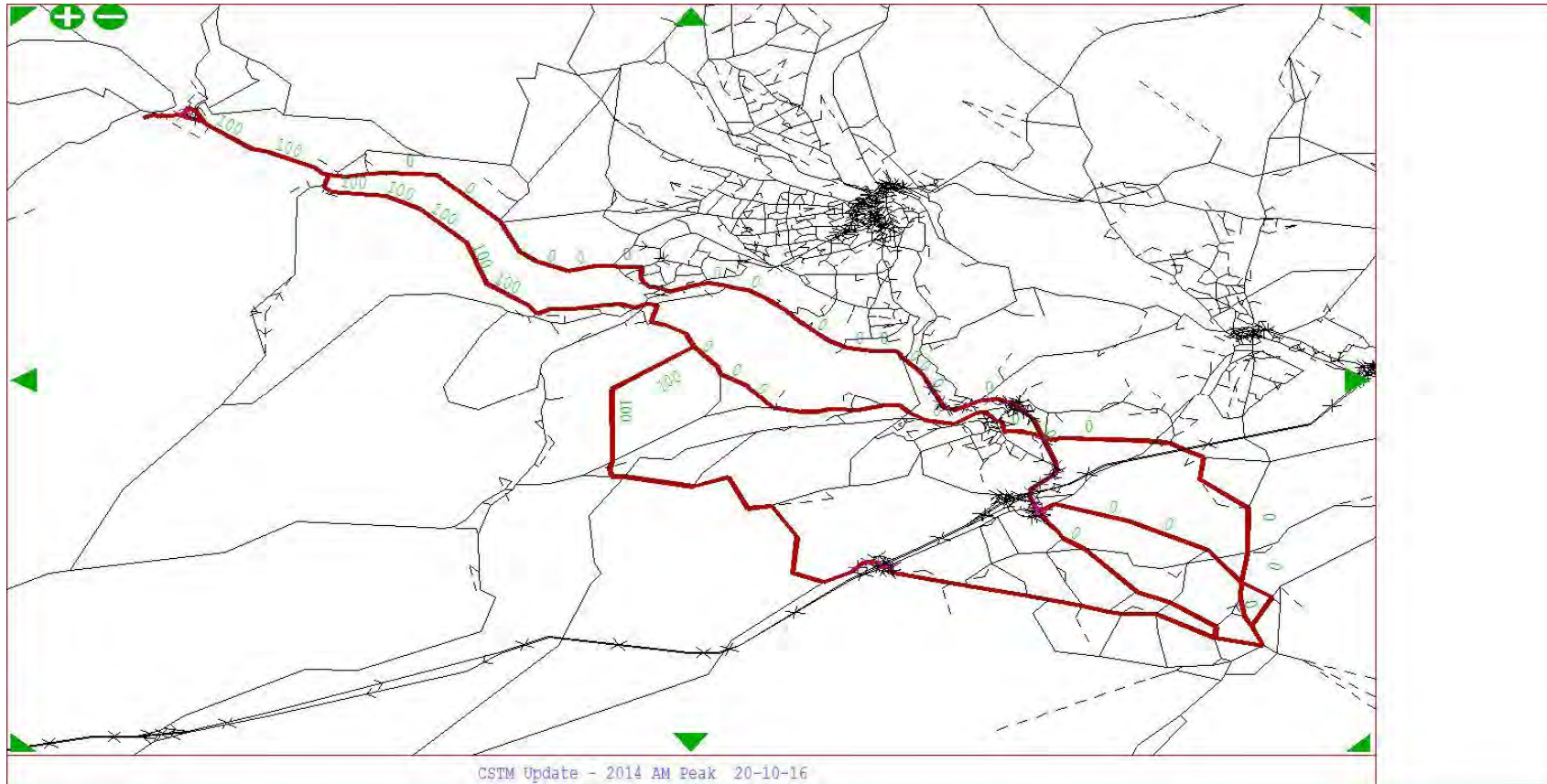


From Zone 192 To Zone 909 - User Class 2

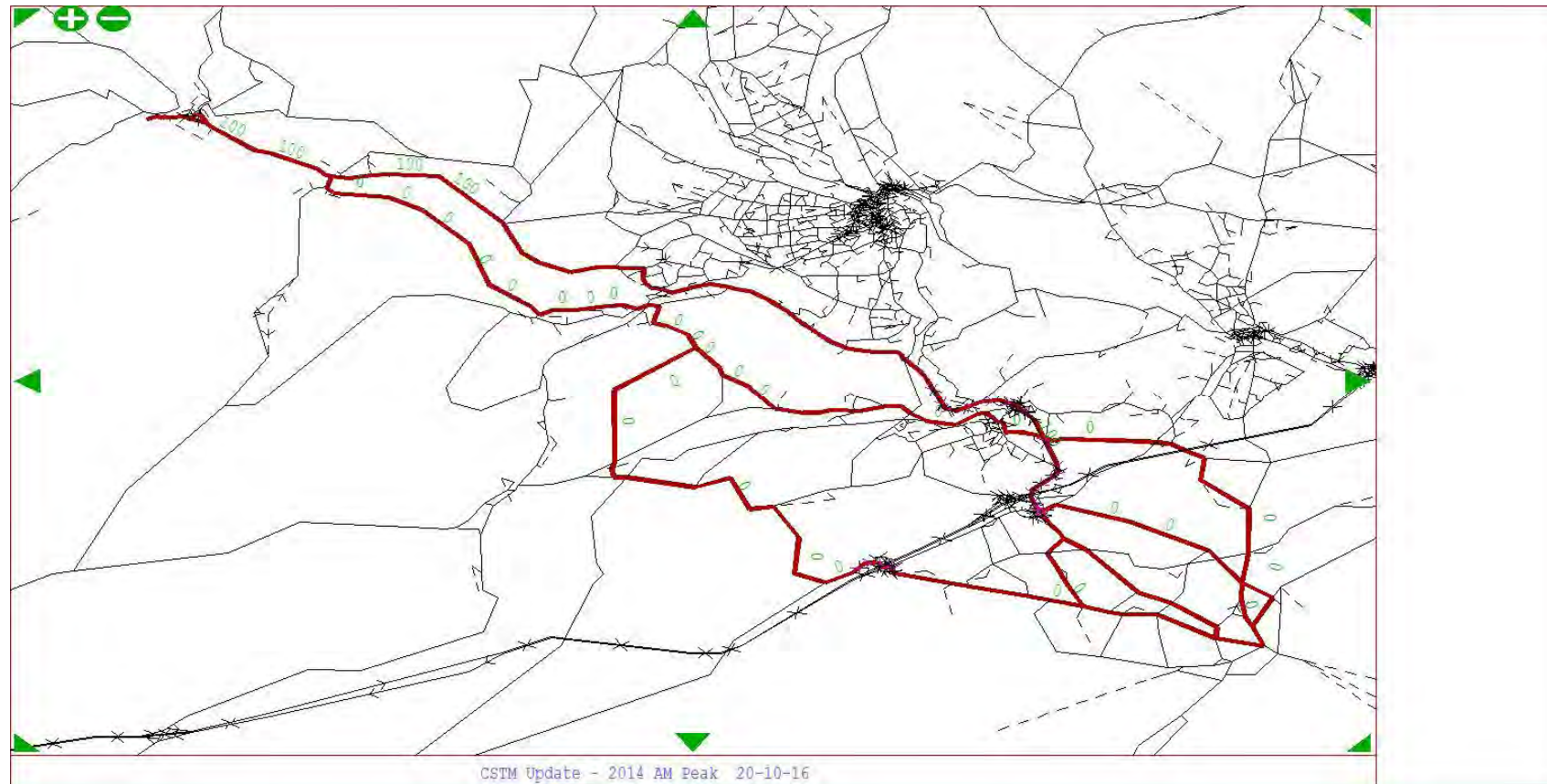




From Zone 192 To Zone 909 - User Class 3

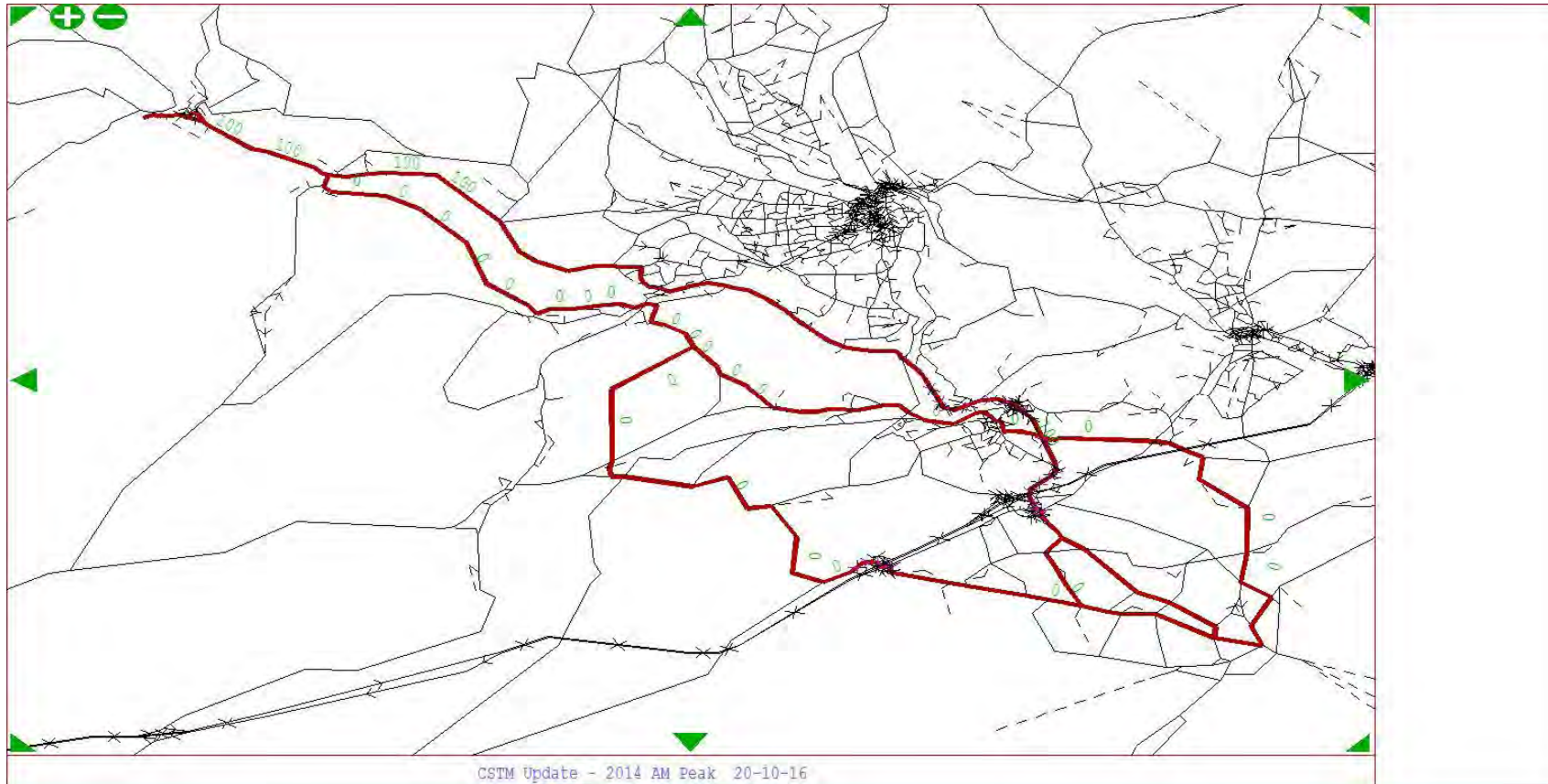


CSTM Update - 2014 AM Peak 20-10-16





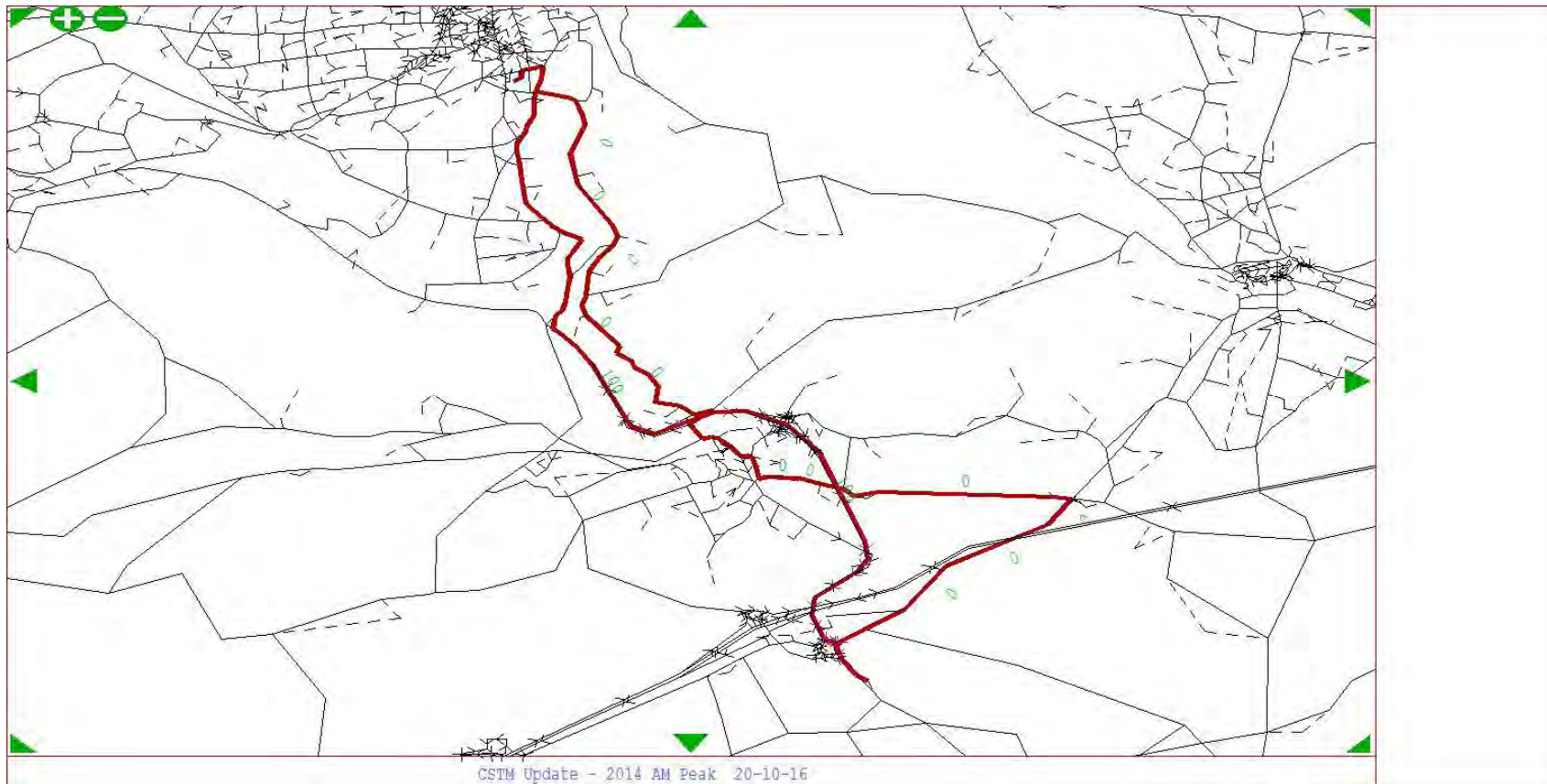
From Zone 192 To Zone 909 - User Class 6



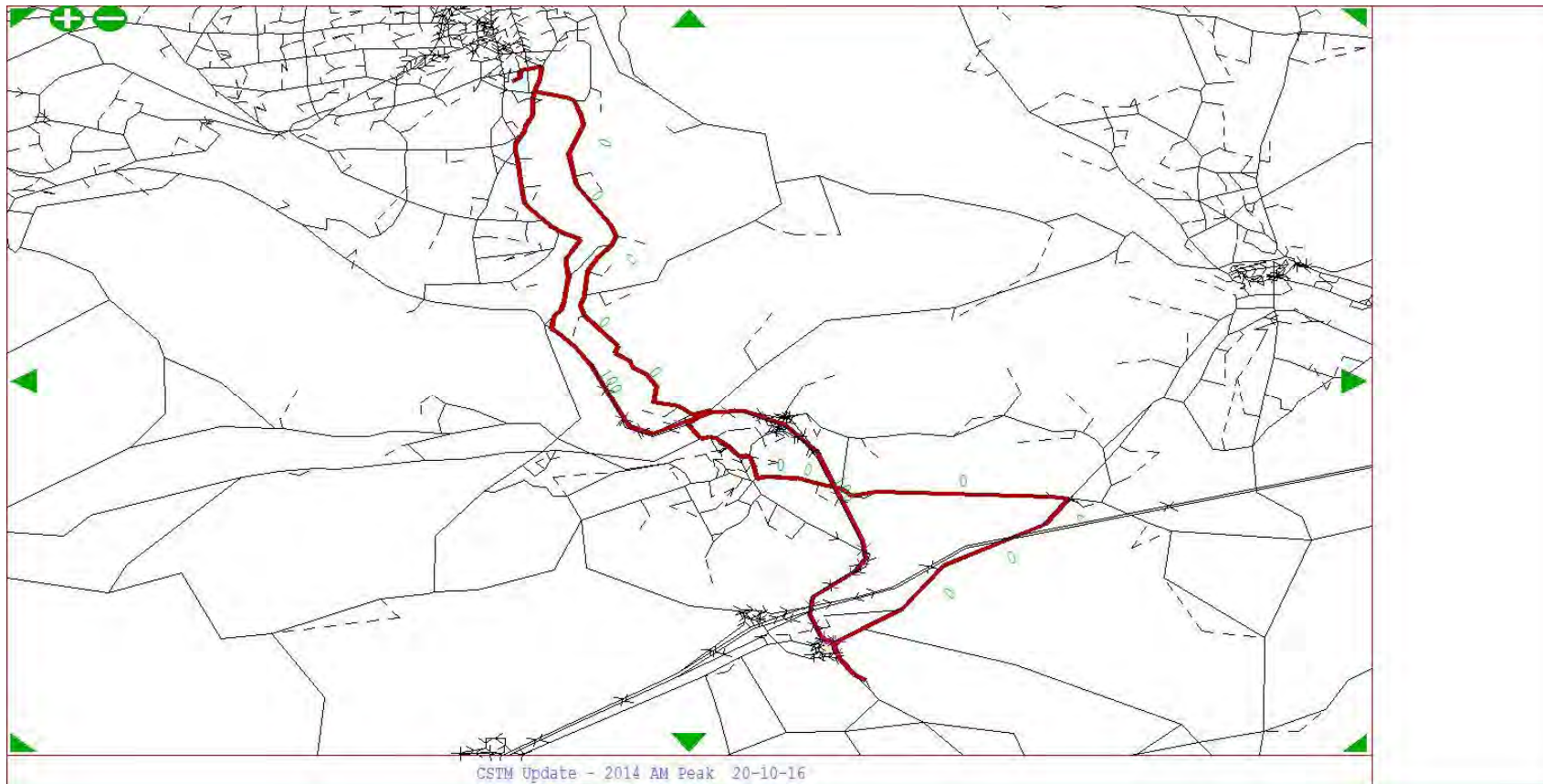


## Halifax Town Centre to Ainley Top (Junction 24 M62)

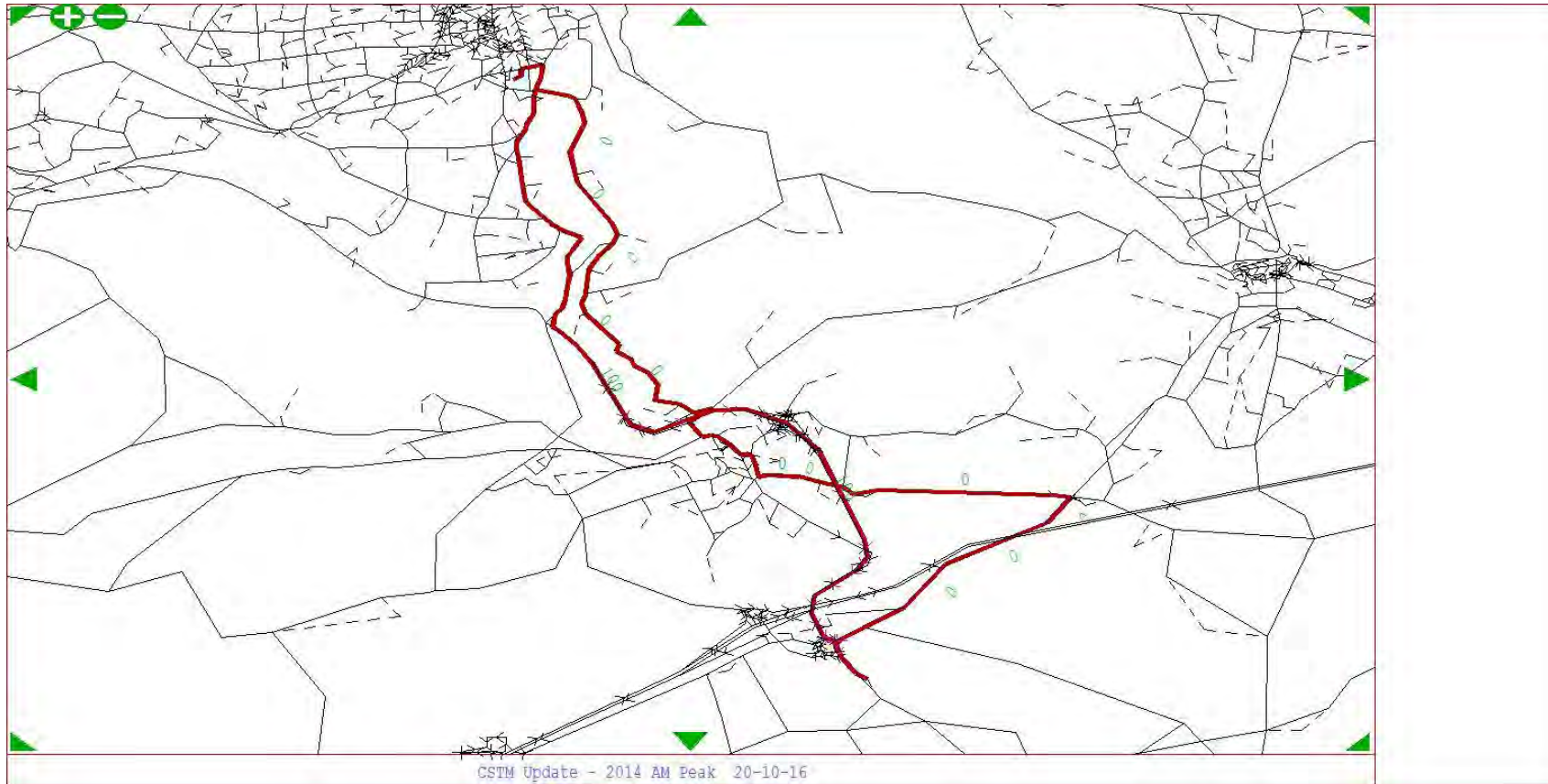
From Zone 412 To Zone 917 - User Class 1



From Zone 412 To Zone 917 - User Class 2

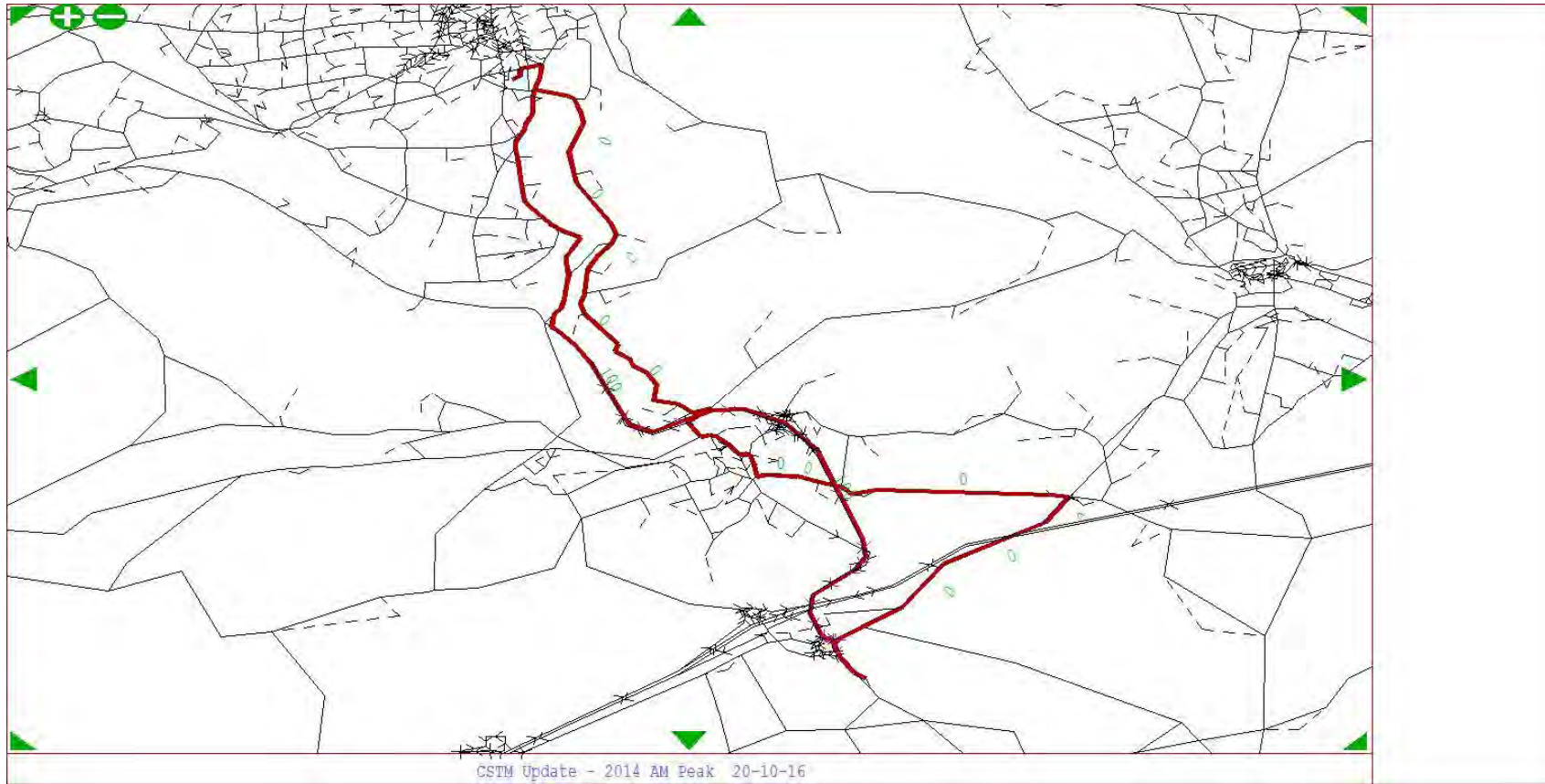


From Zone 412 To Zone 917 - User Class 3



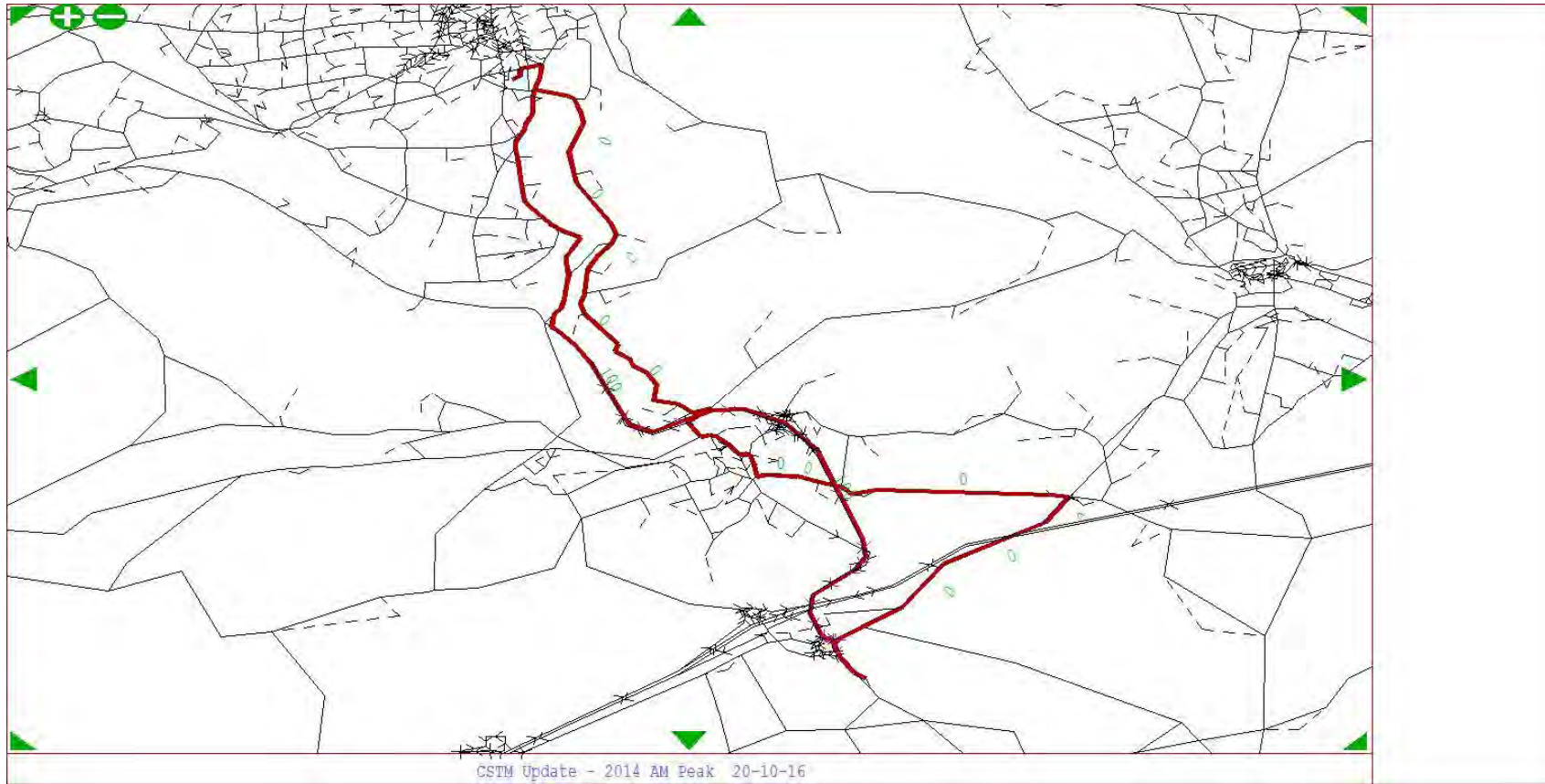


From Zone 412 To Zone 917 - User Class 4

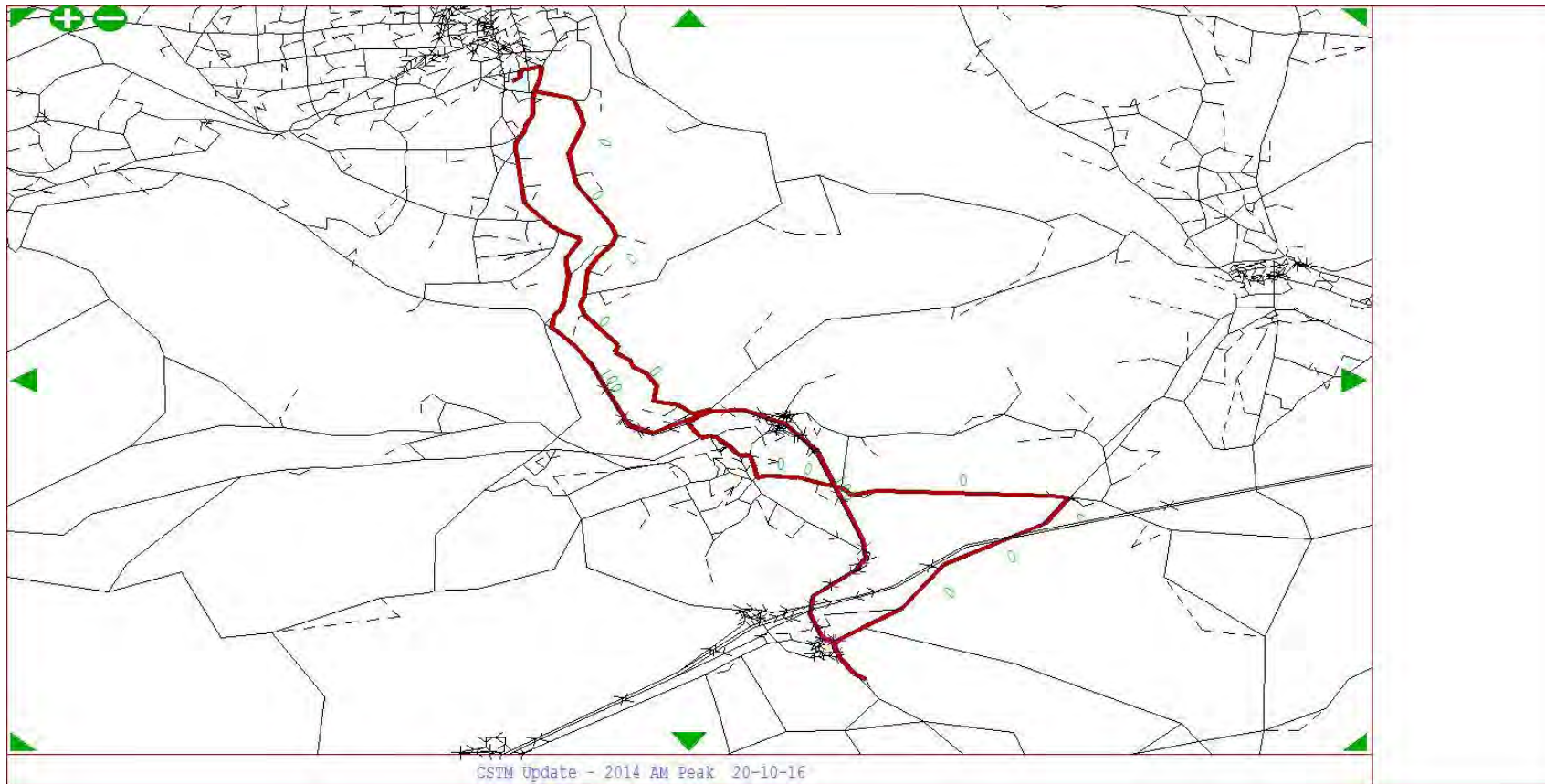




From Zone 412 To Zone 917 - User Class 5

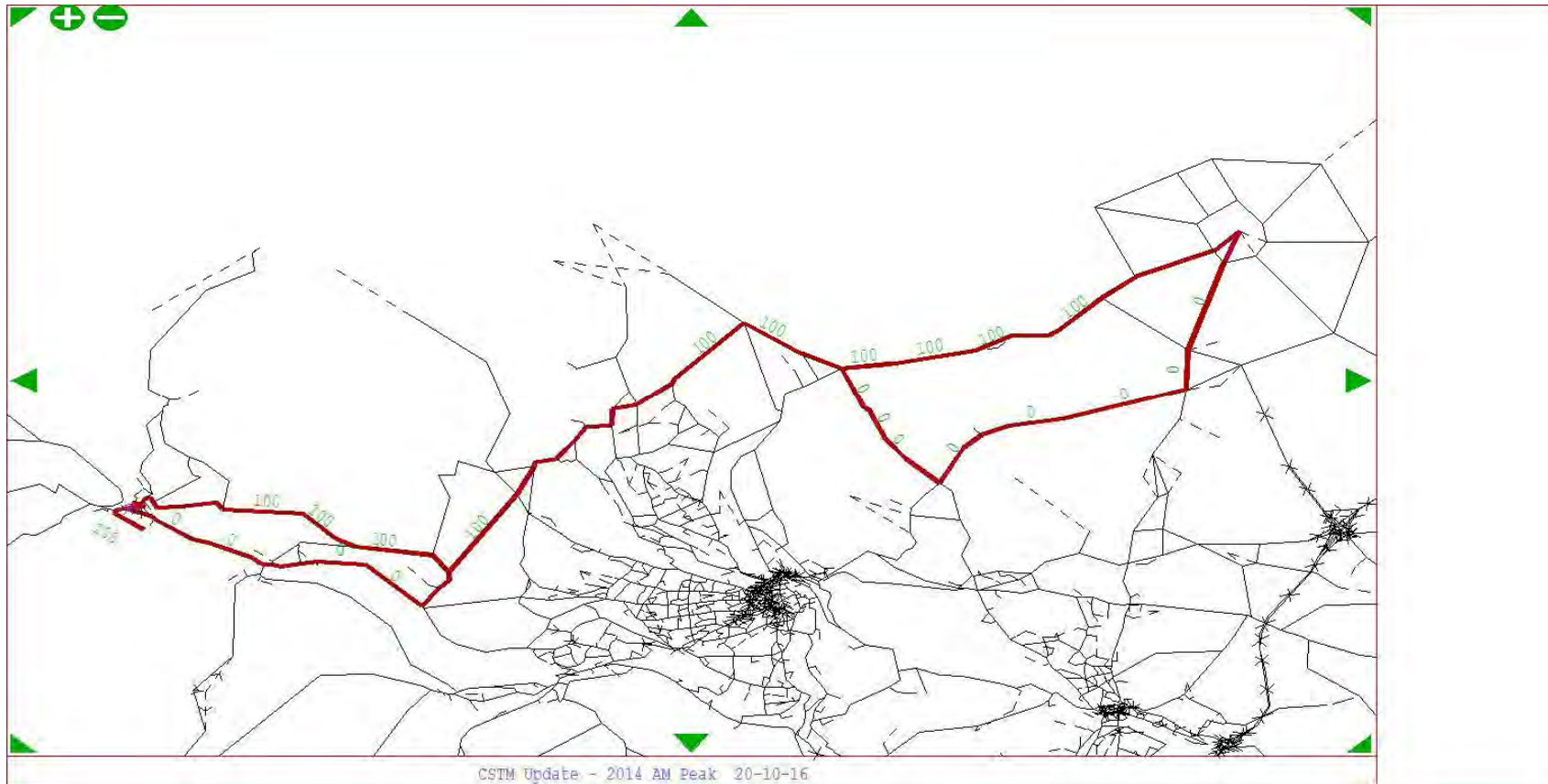


From Zone 412 To Zone 917 - User Class 6

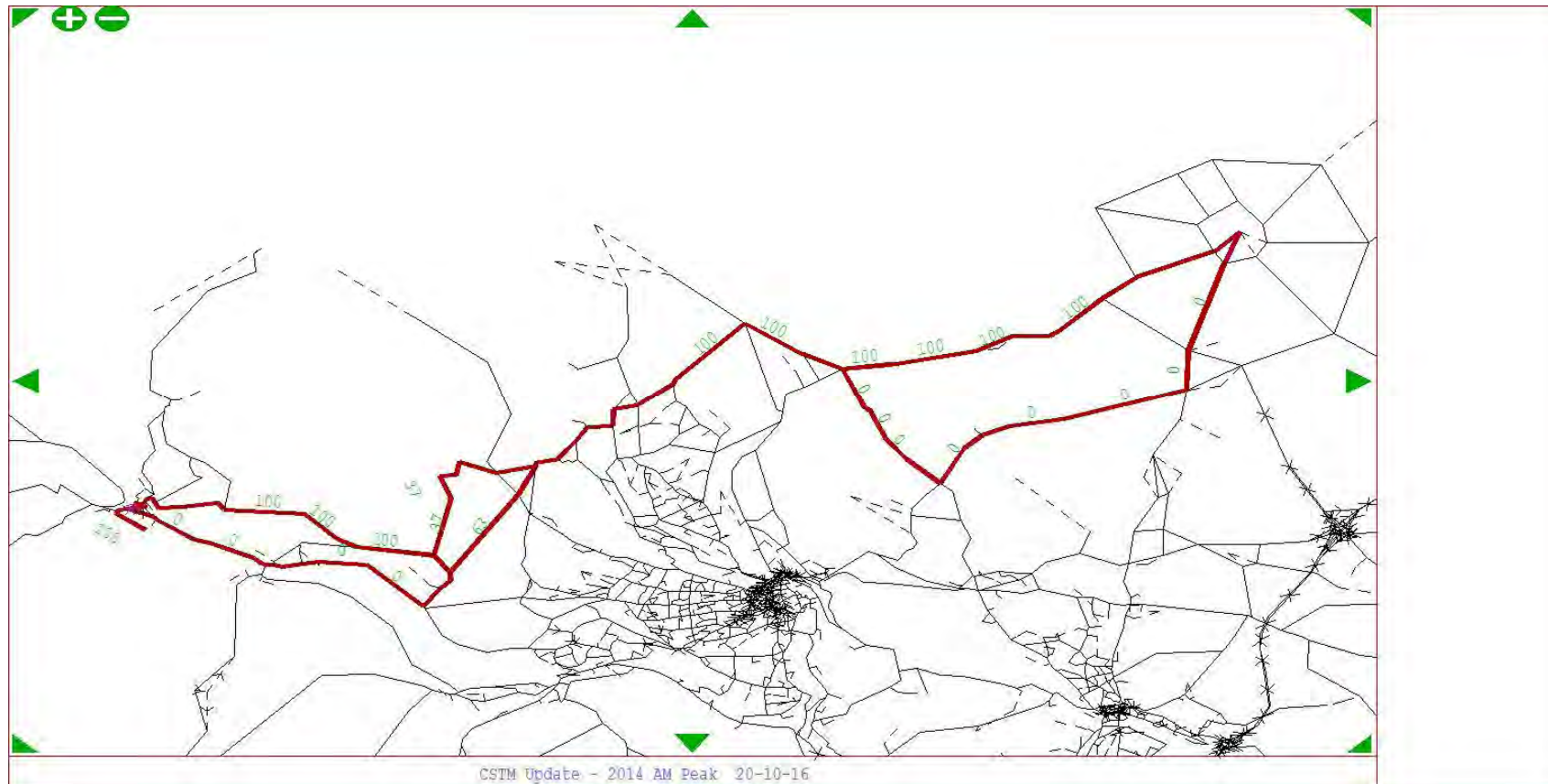


## Hebden Bridge to Bradford

From Zone 194 To Zone 32 - User Class 1

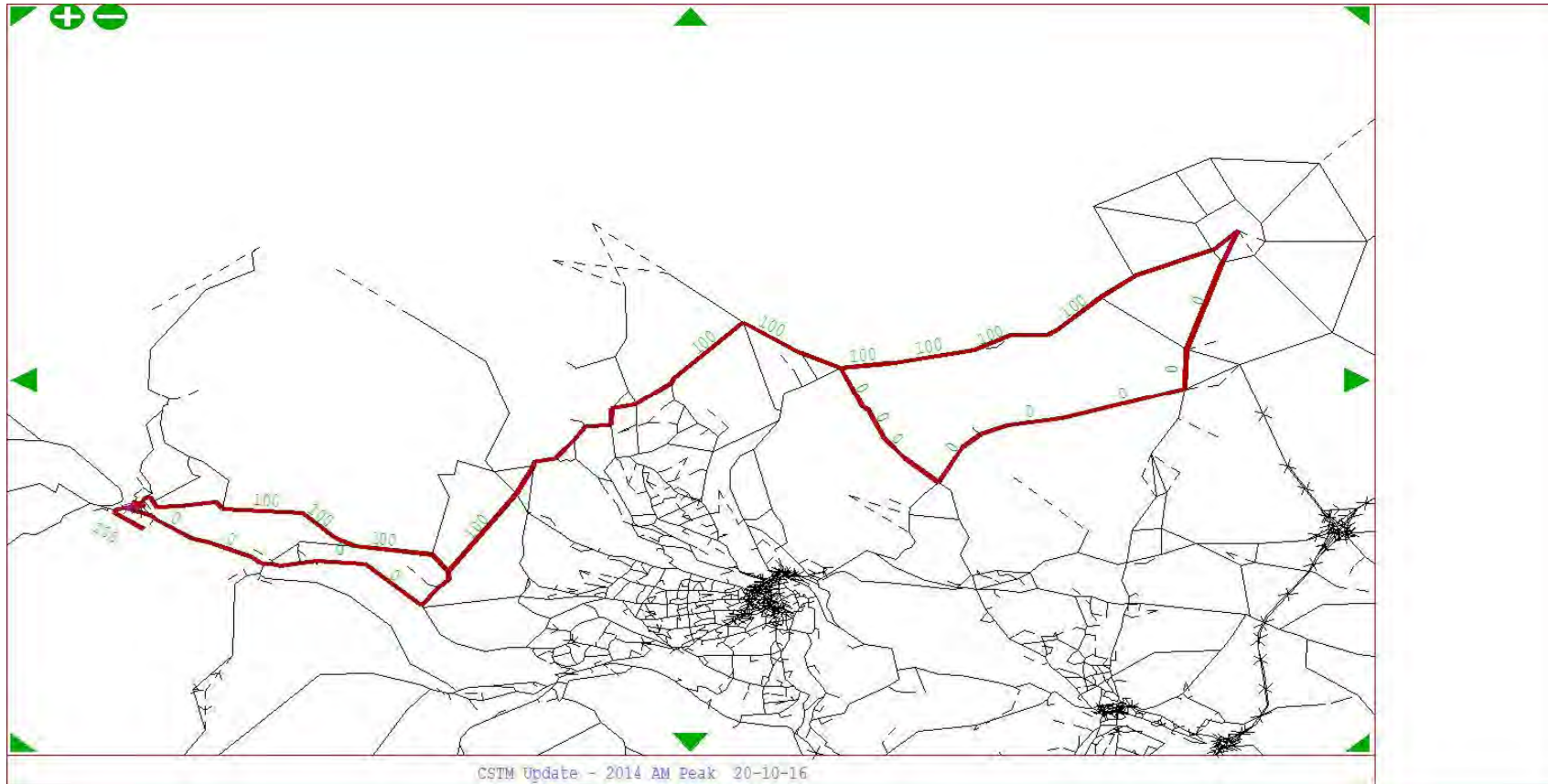


From Zone 194 To Zone 32 - User Class 2

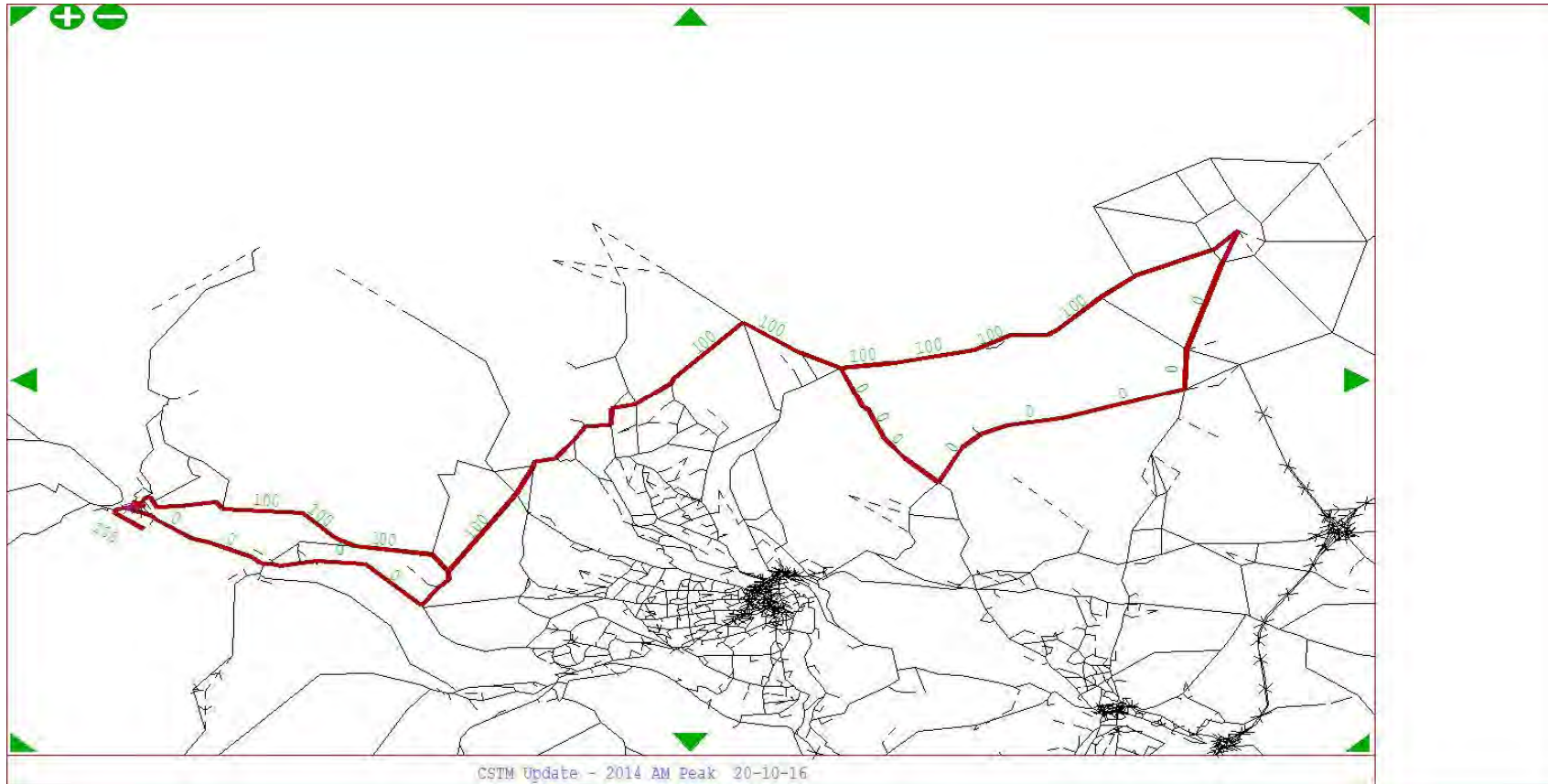




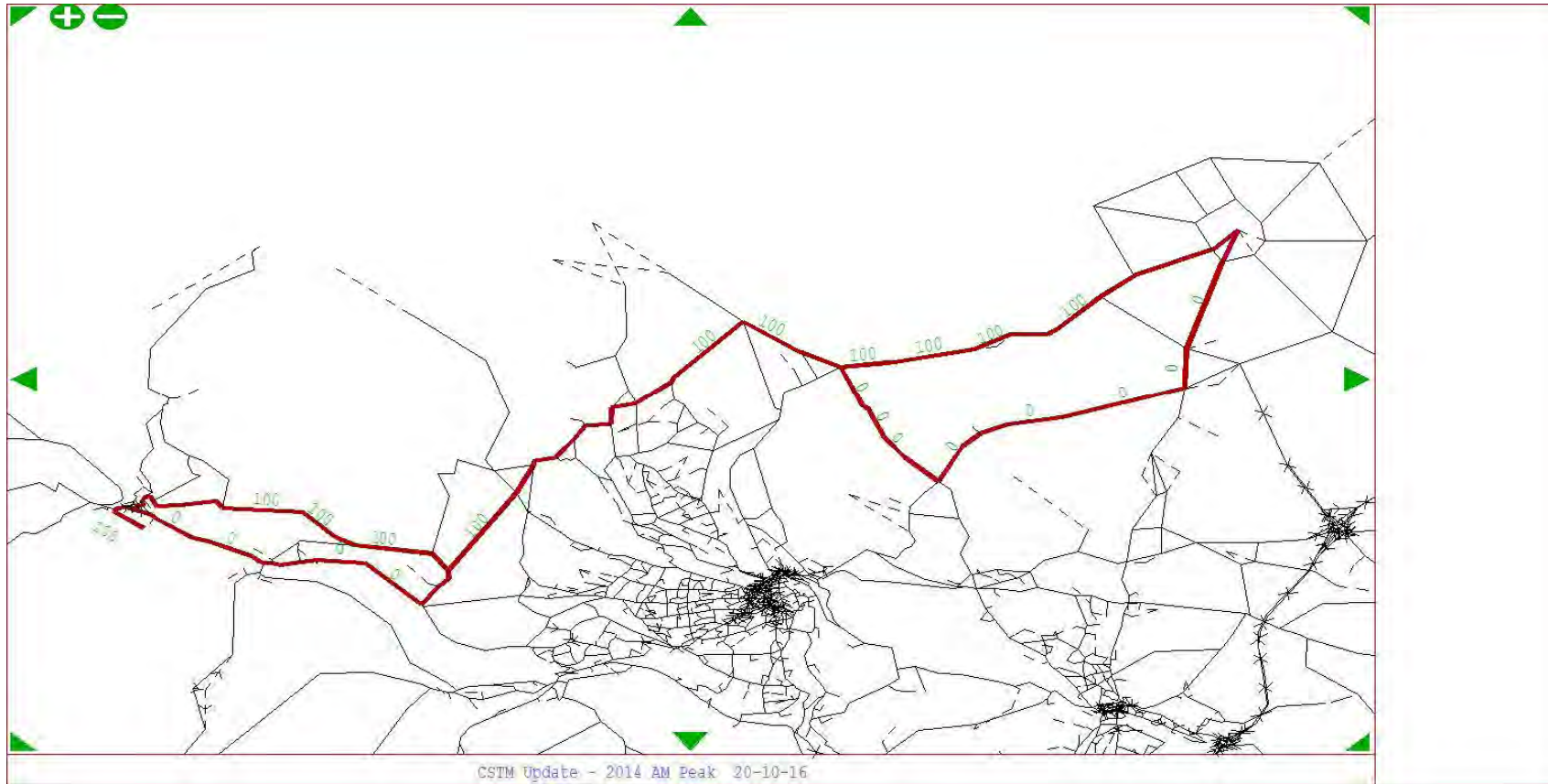
From Zone 194 To Zone 32 - User Class 3



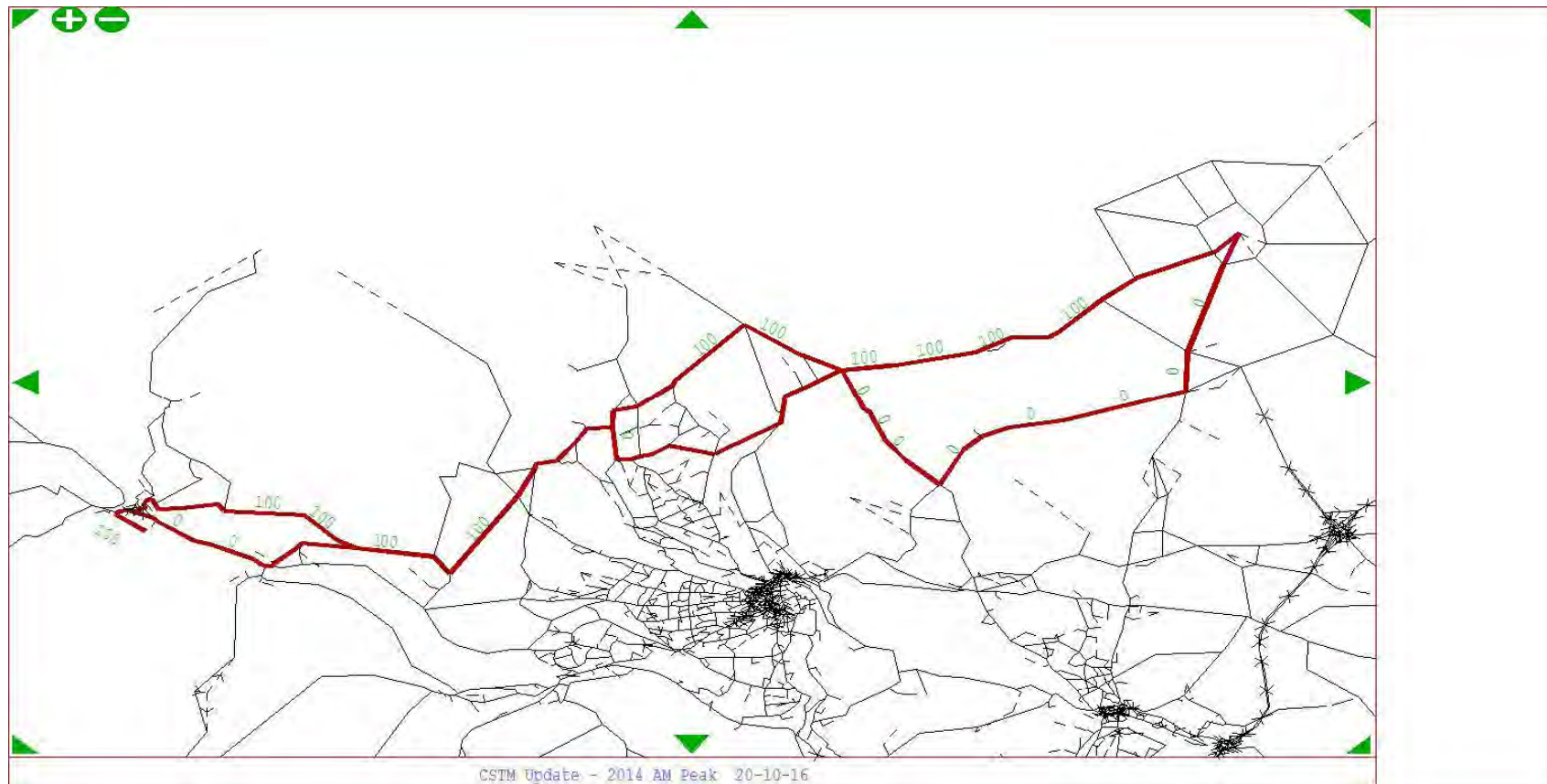
From Zone 194 To Zone 32 - User Class 4



From Zone 194 To Zone 32 - User Class 5



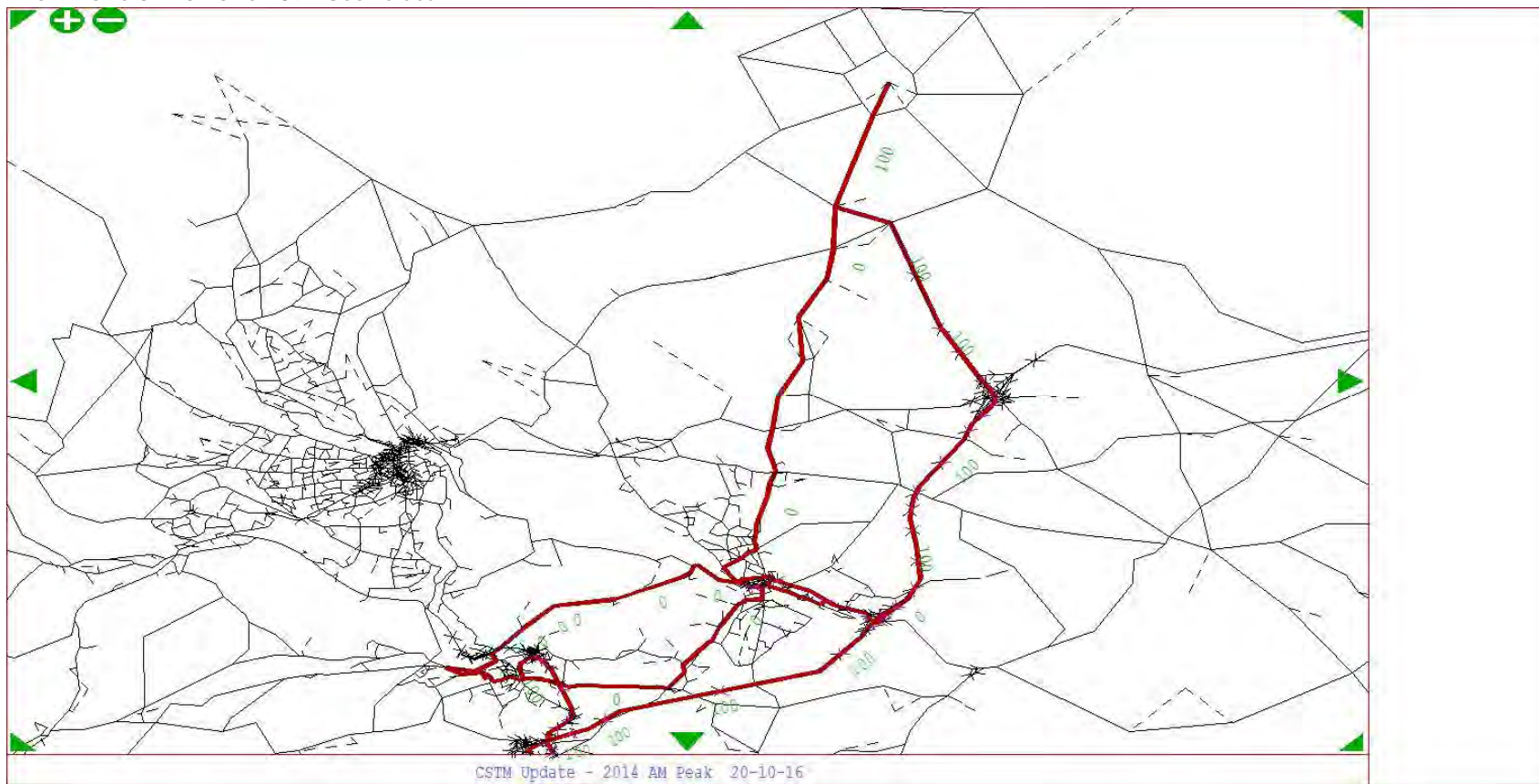
From Zone 194 To Zone 32 - User Class 6



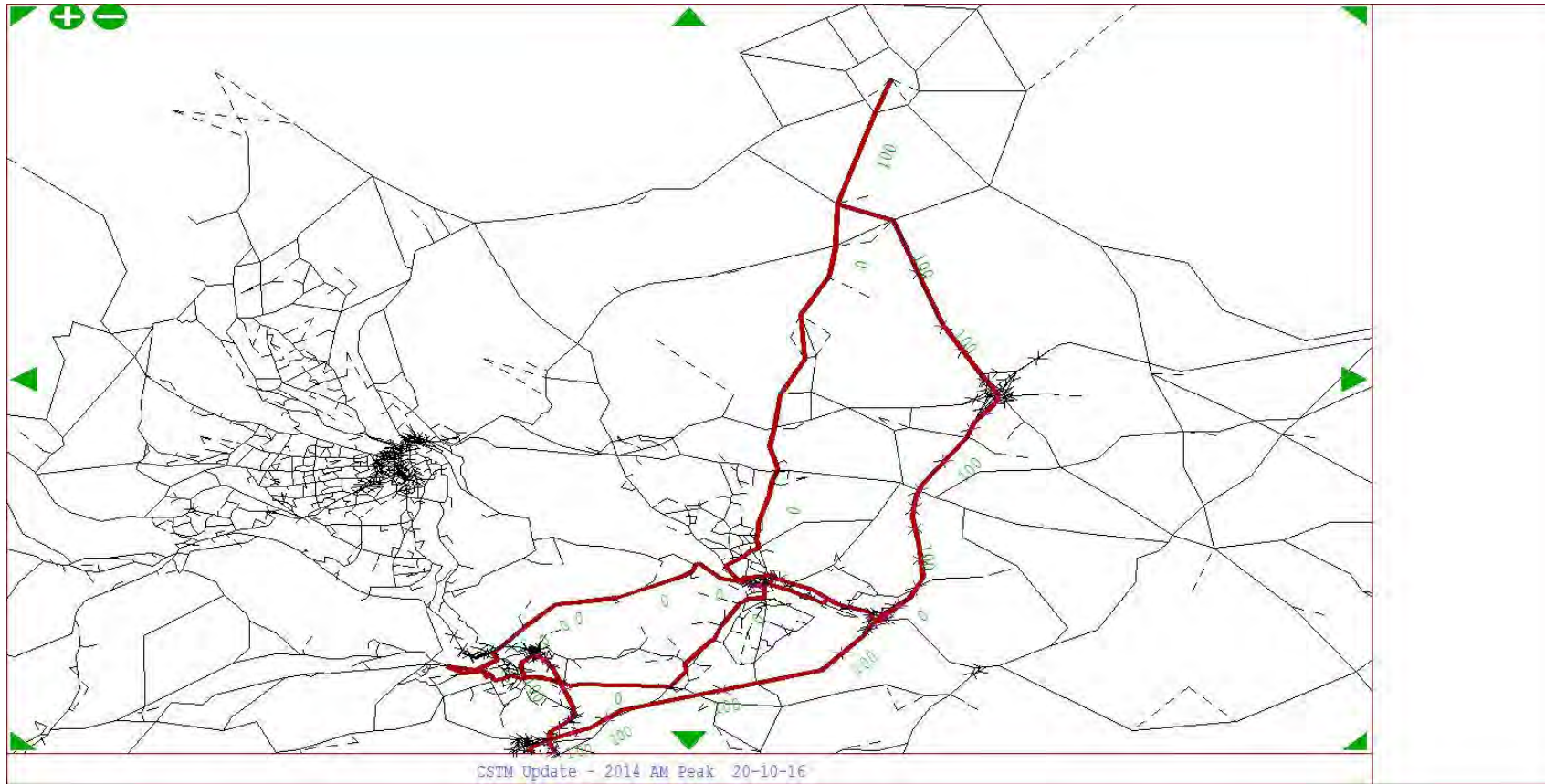


## Bradford to Elland

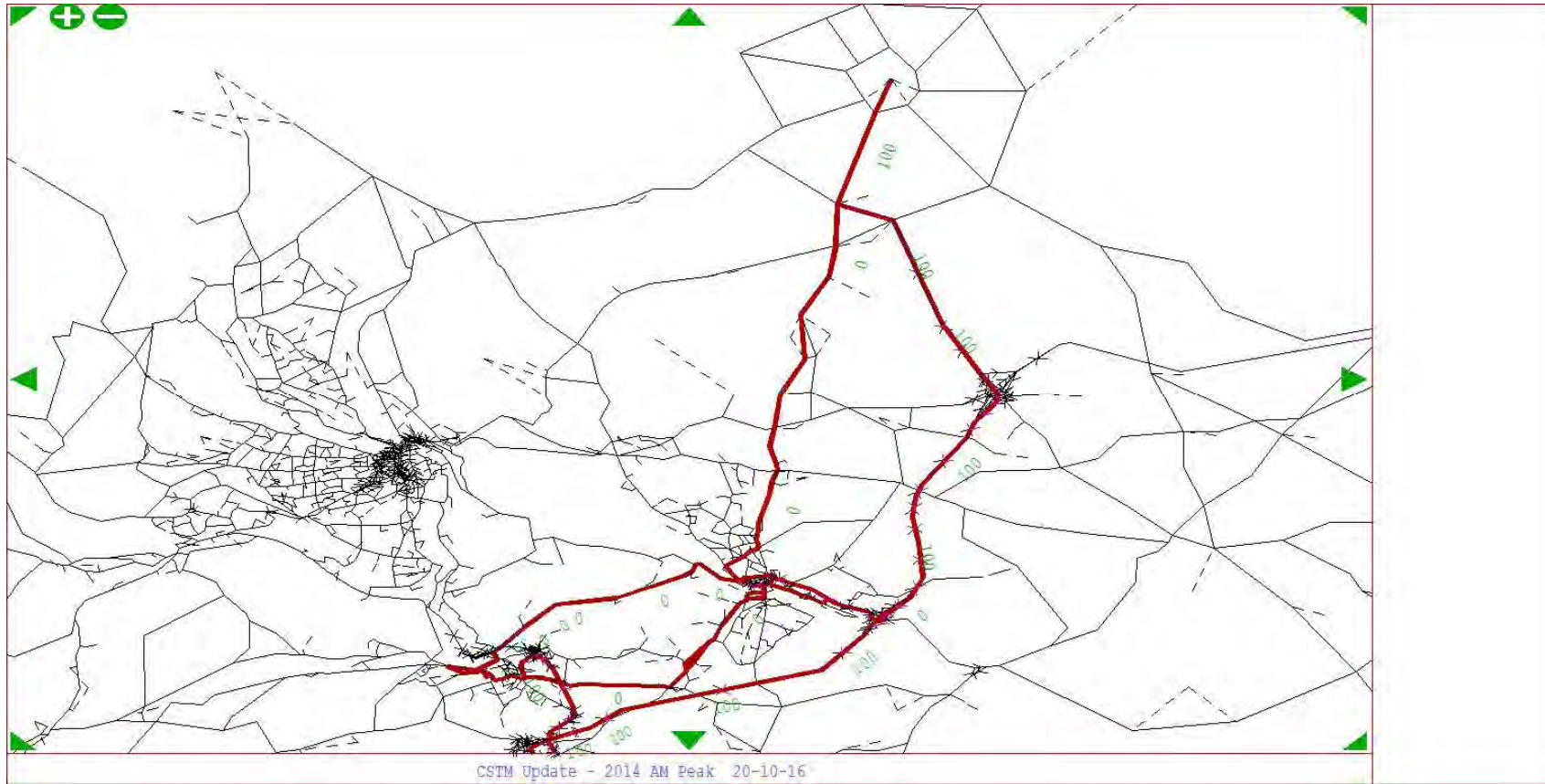
From Zone 32 To Zone 189 - User Class 1



From Zone 32 To Zone 189 - User Class 2



From Zone 32 To Zone 189 - User Class 3

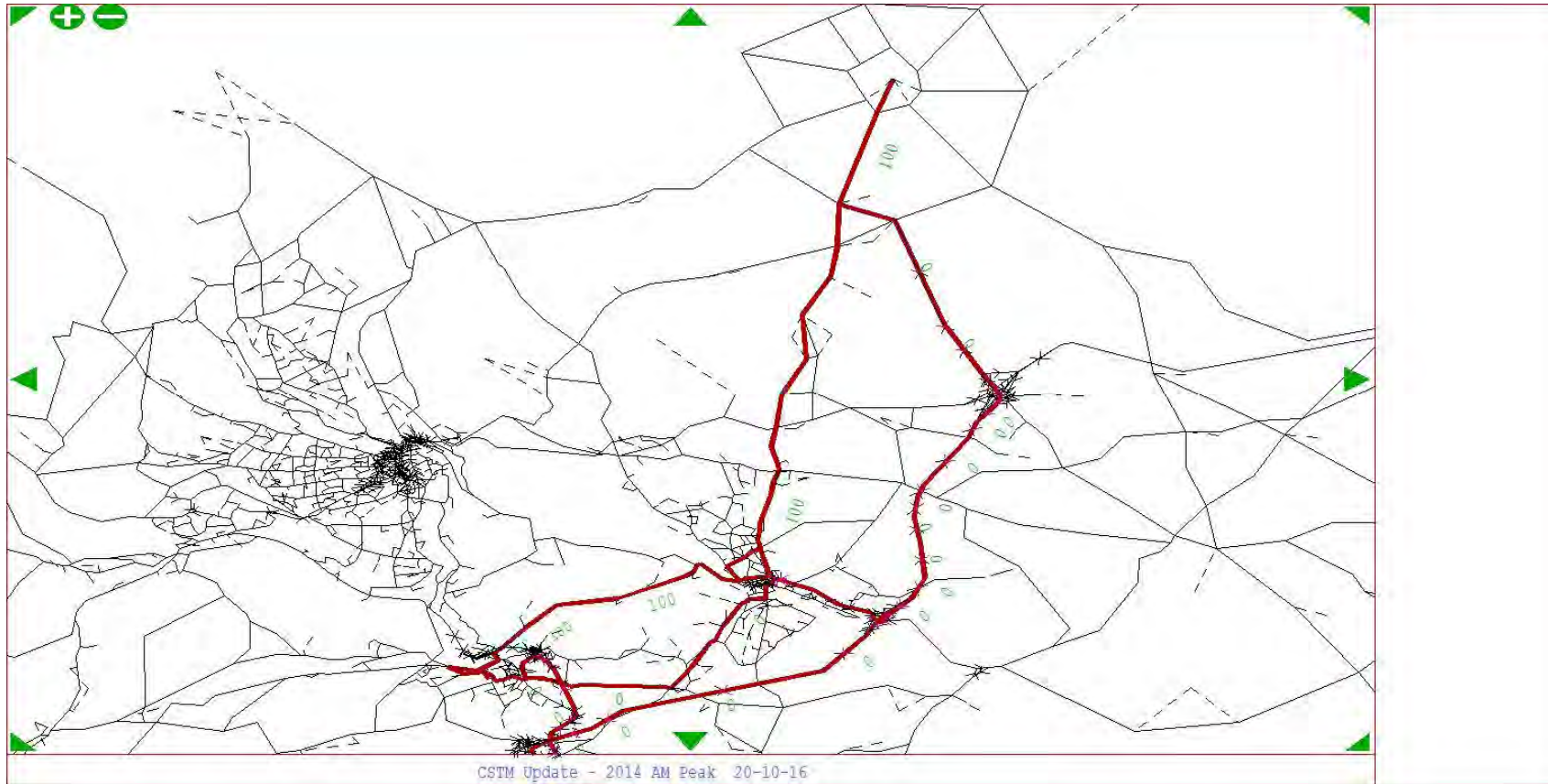




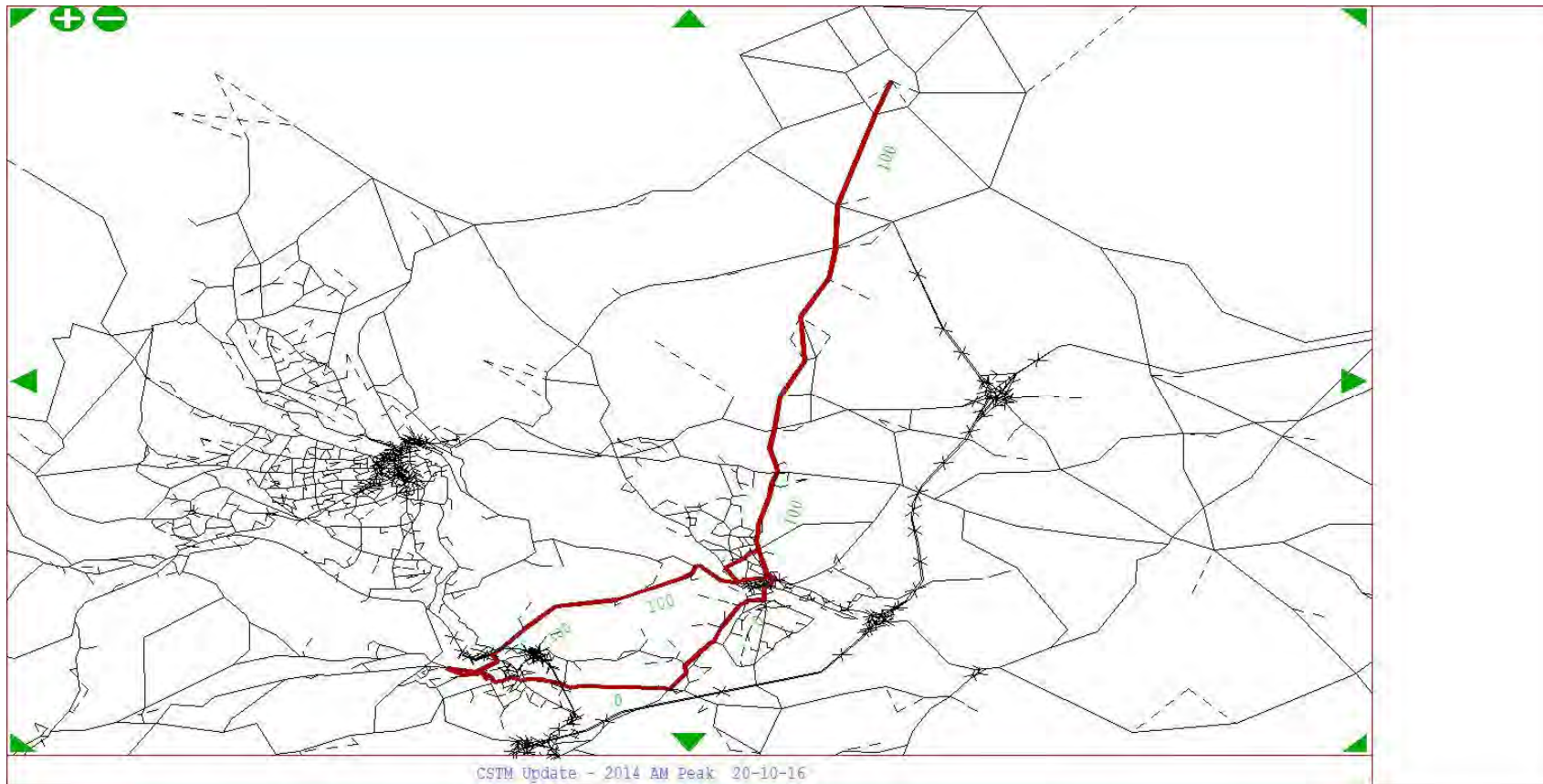
CSTM Update - 2014 AM Peak 20-10-16



From Zone 32 To Zone 189 - User Class 5

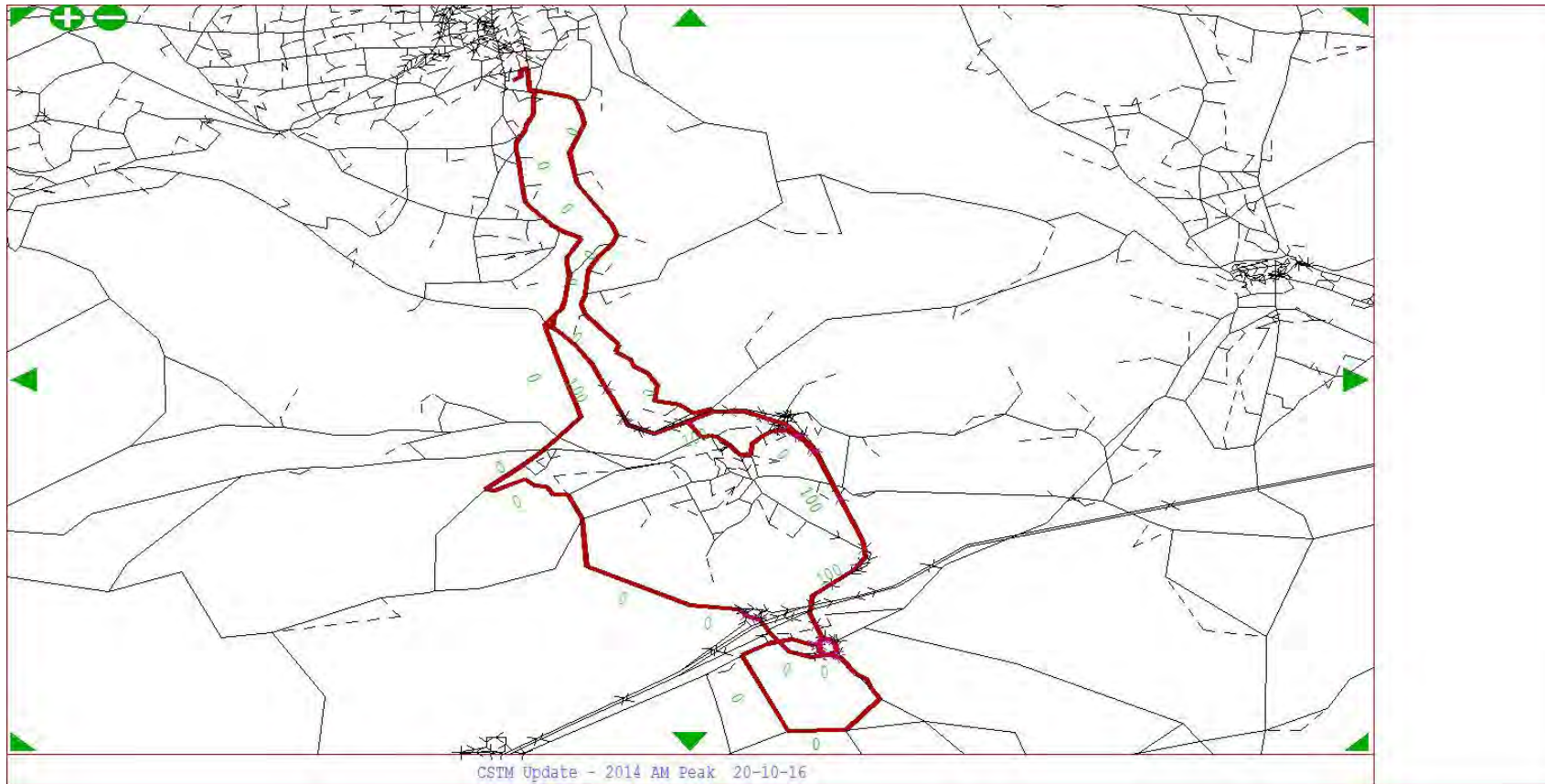


From Zone 32 To Zone 189 - User Class 6



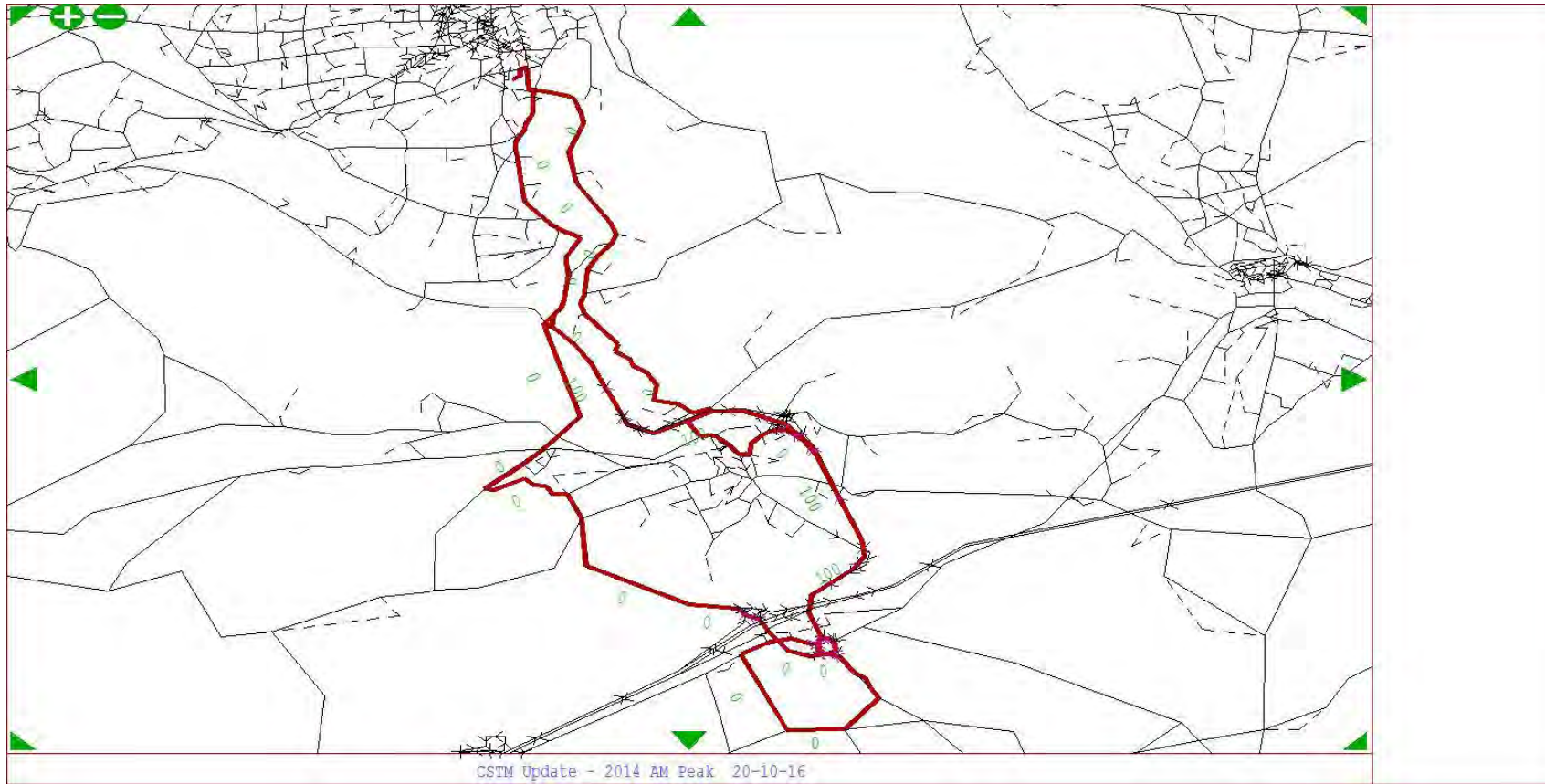
## Ainley Top to Halifax Town Centre

From Zone 917 To Zone 412 - User Class 1



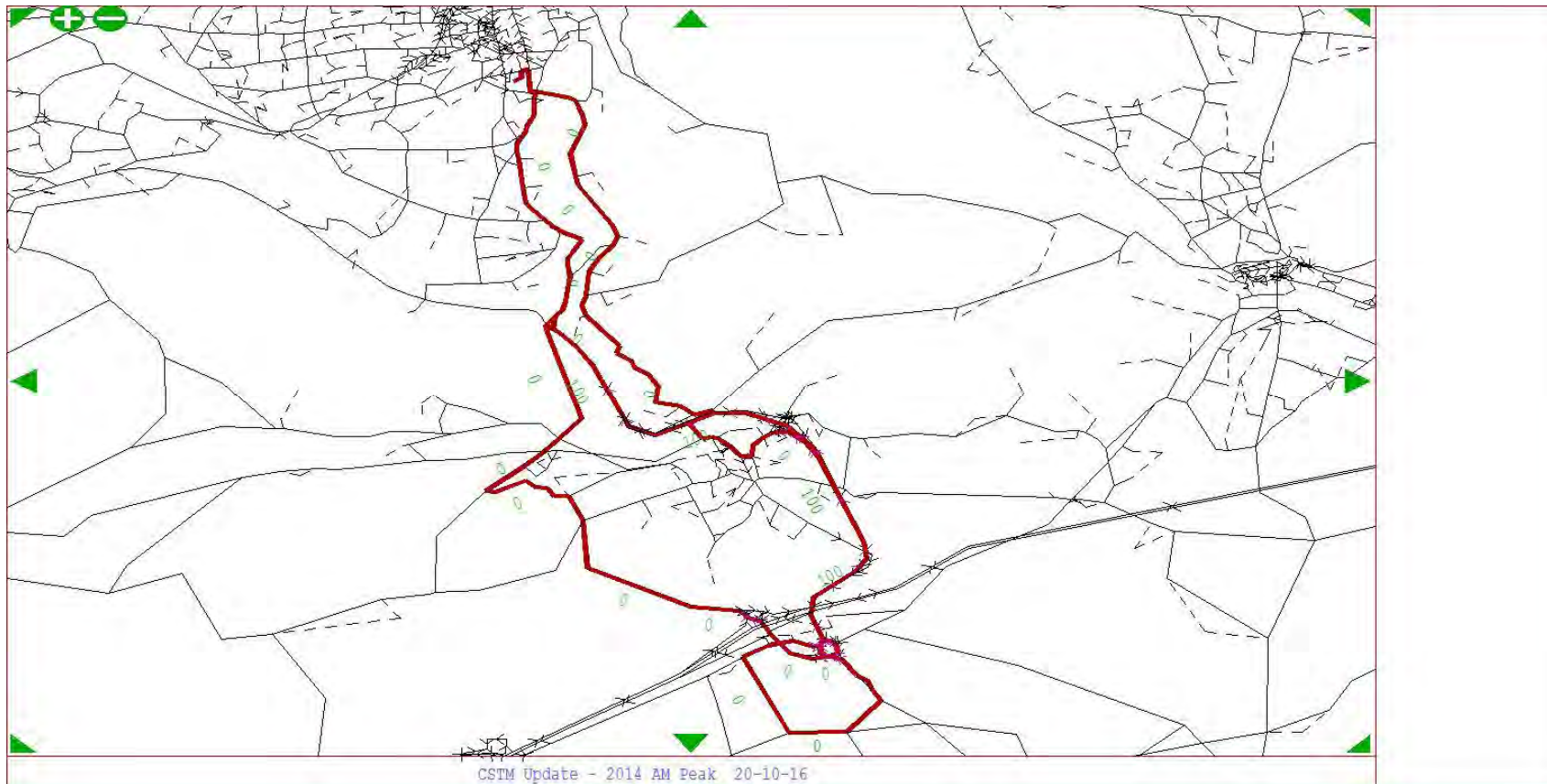


From Zone 917 To Zone 412 - User Class 2

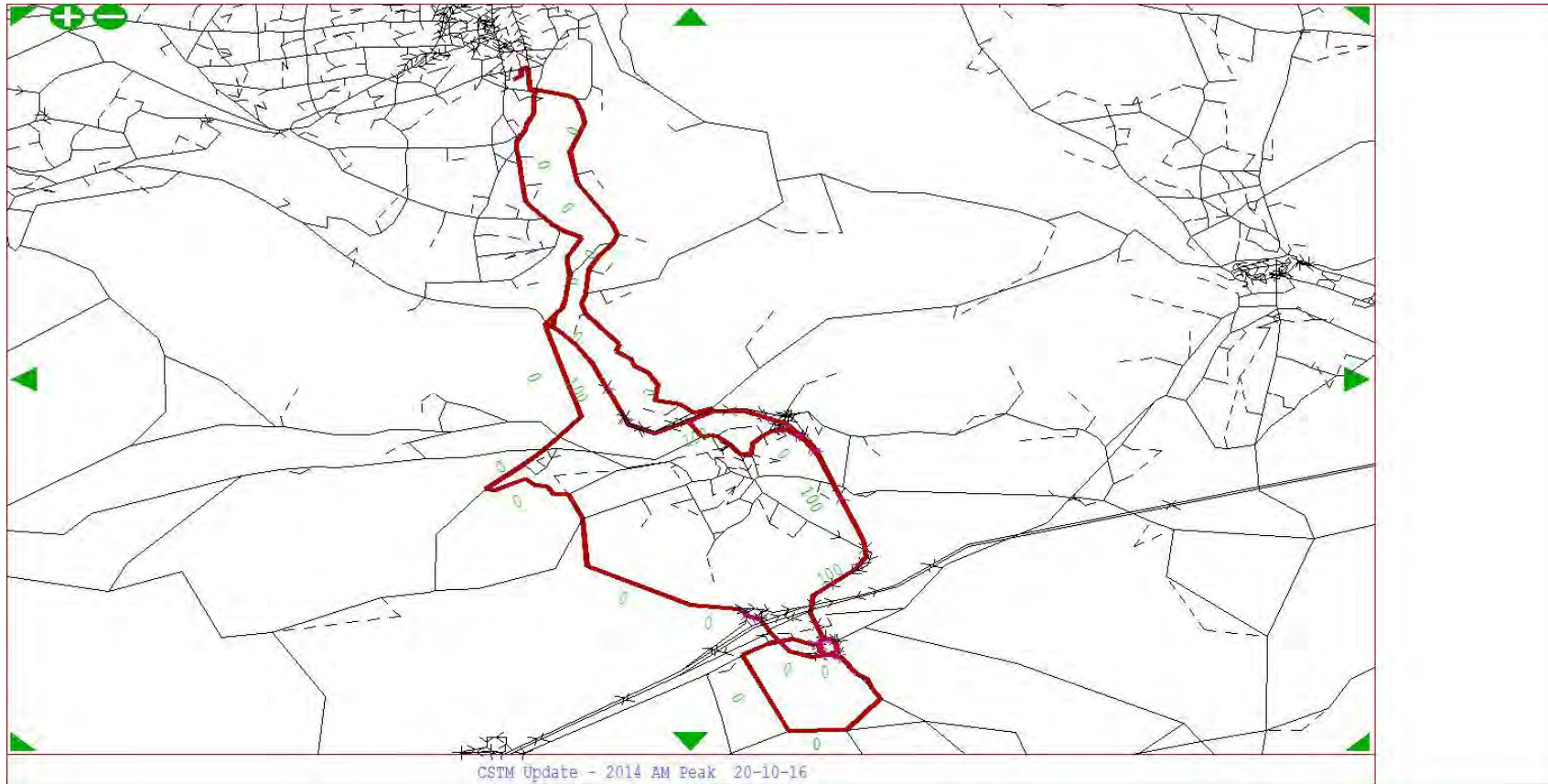




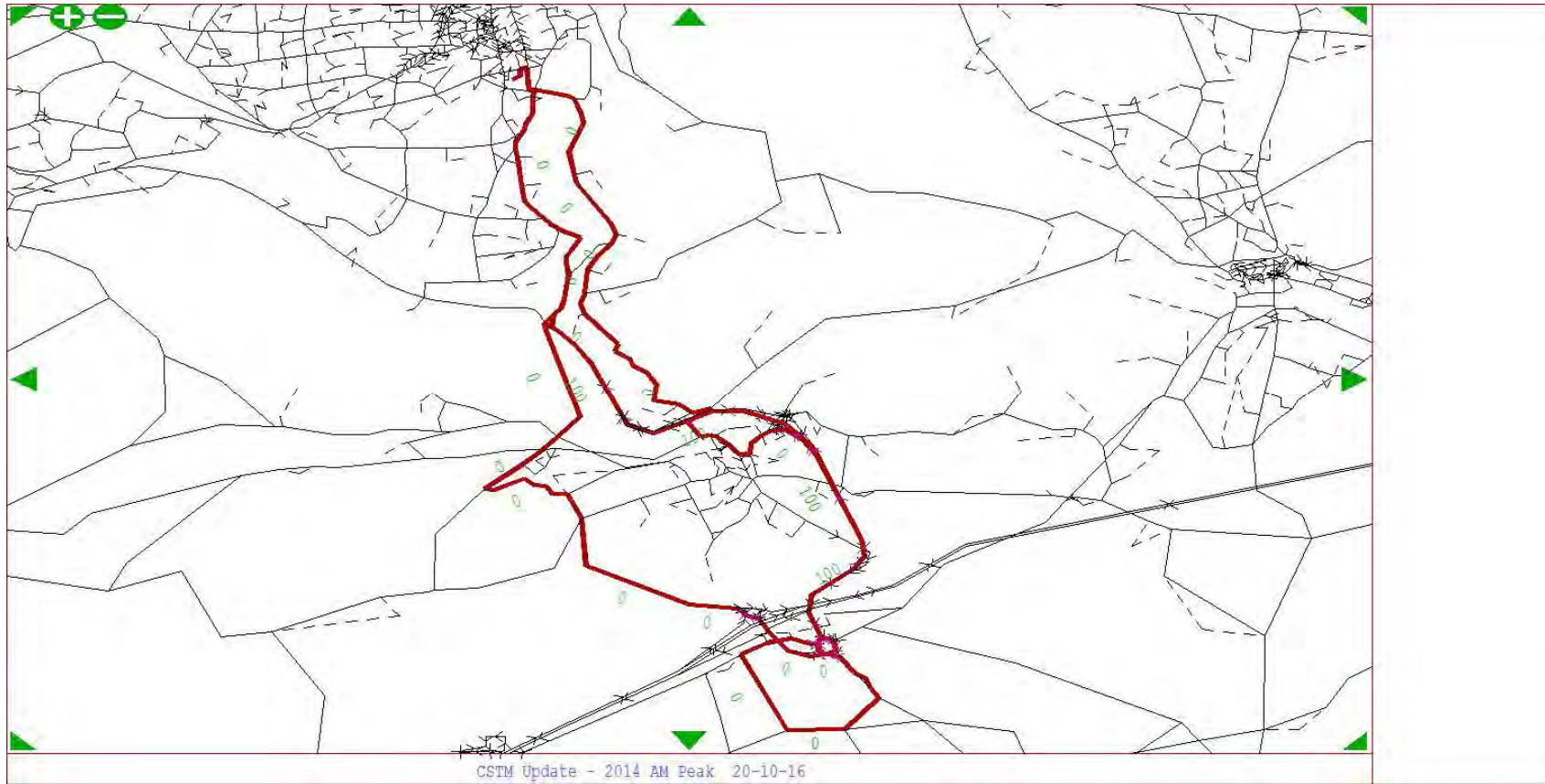
From Zone 917 To Zone 412 - User Class 3



From Zone 917 To Zone 412 - User Class 4

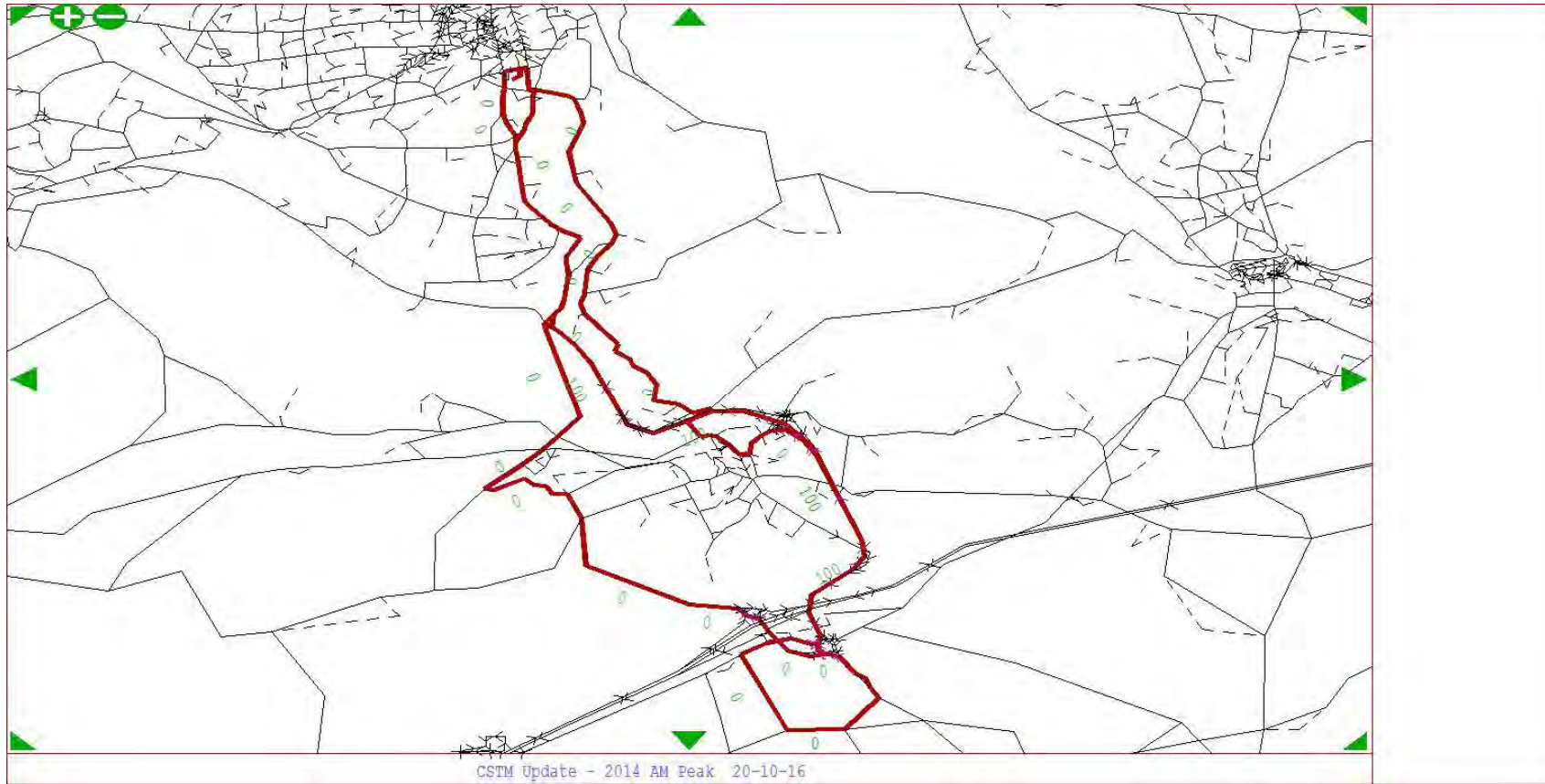


From Zone 917 To Zone 412 - User Class 5





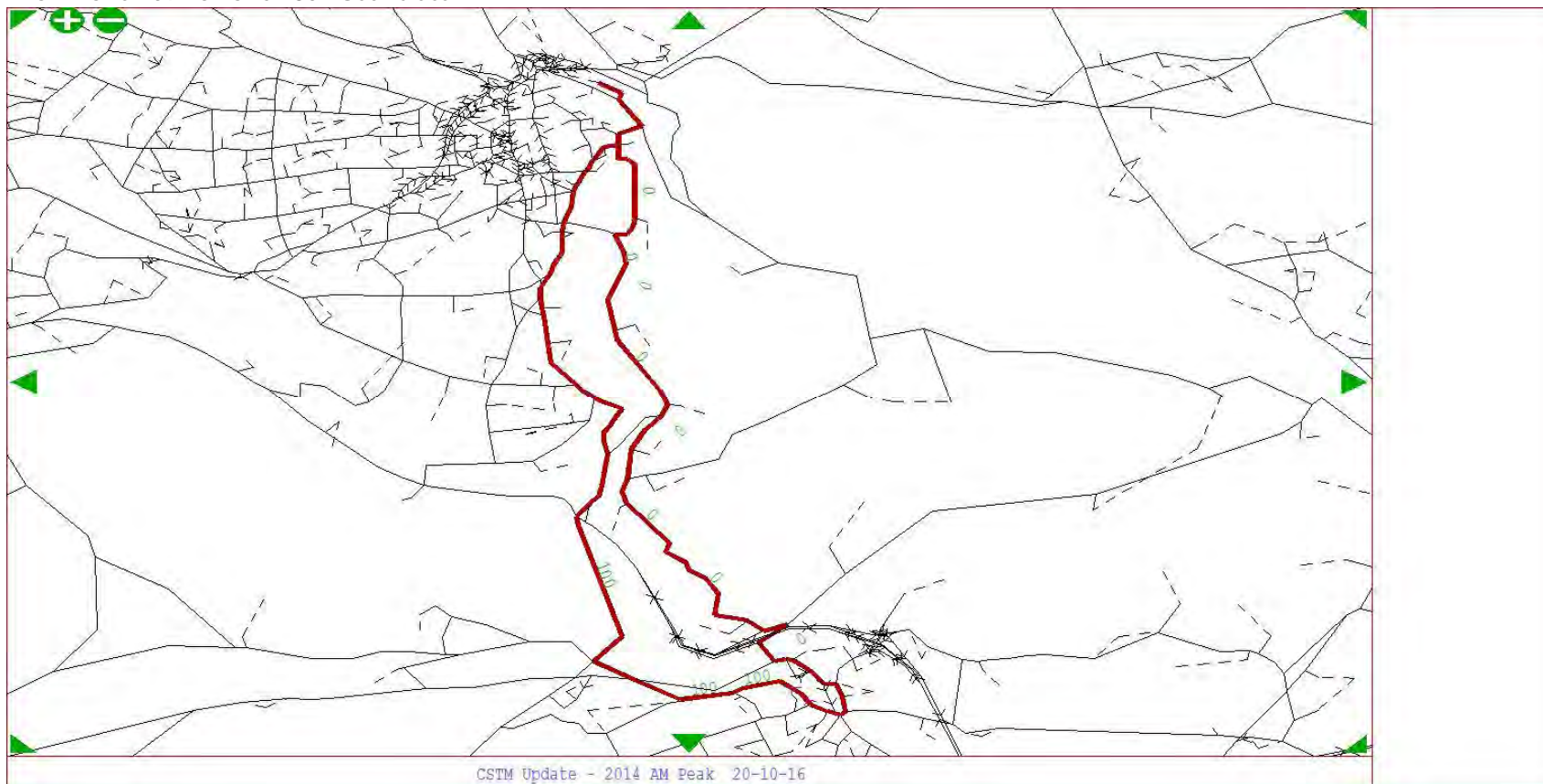
From Zone 917 To Zone 412 - User Class 6



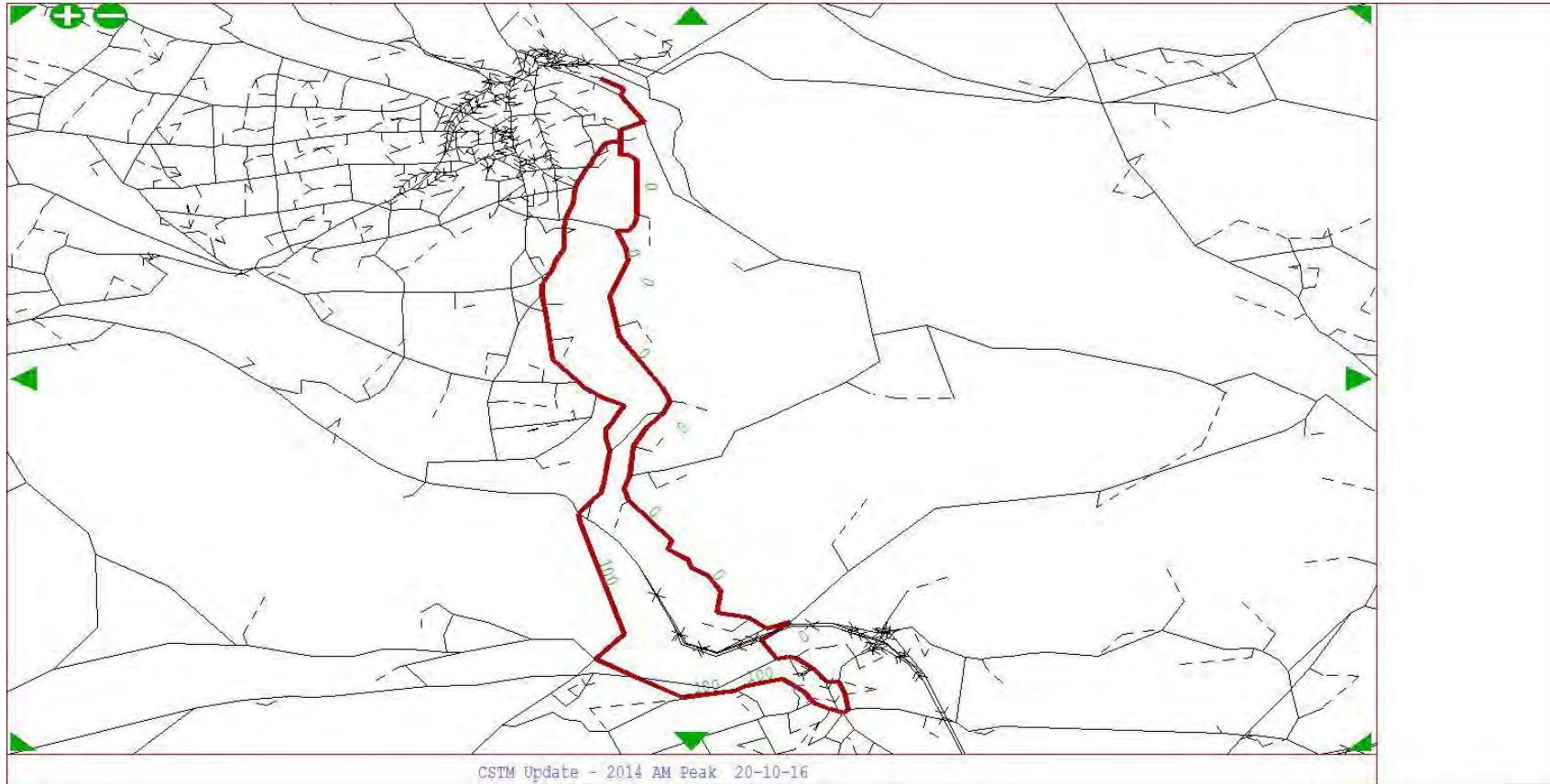


## Halifax Town Centre to Elland

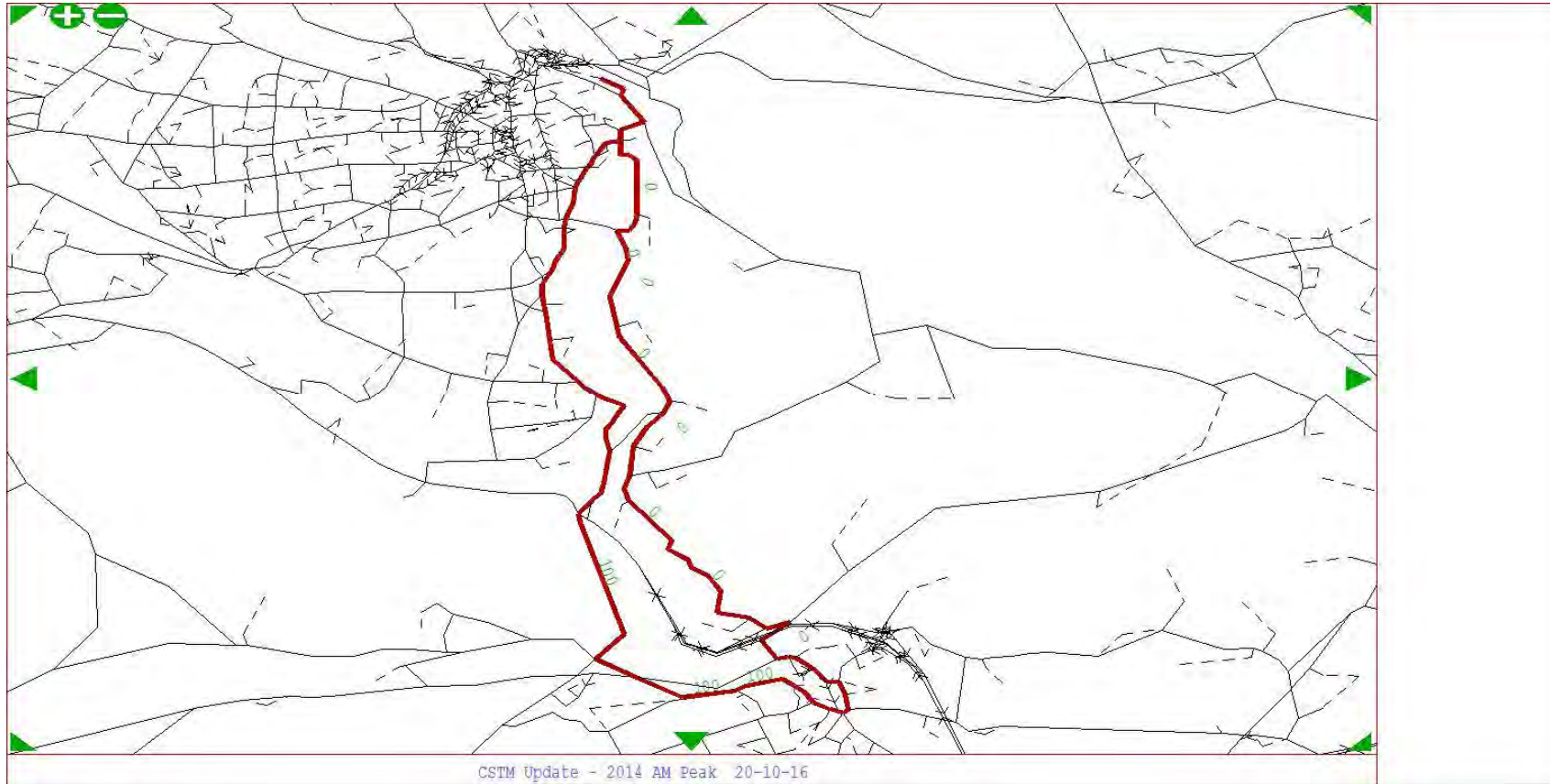
From Zone 109 To Zone 180 - User Class 1



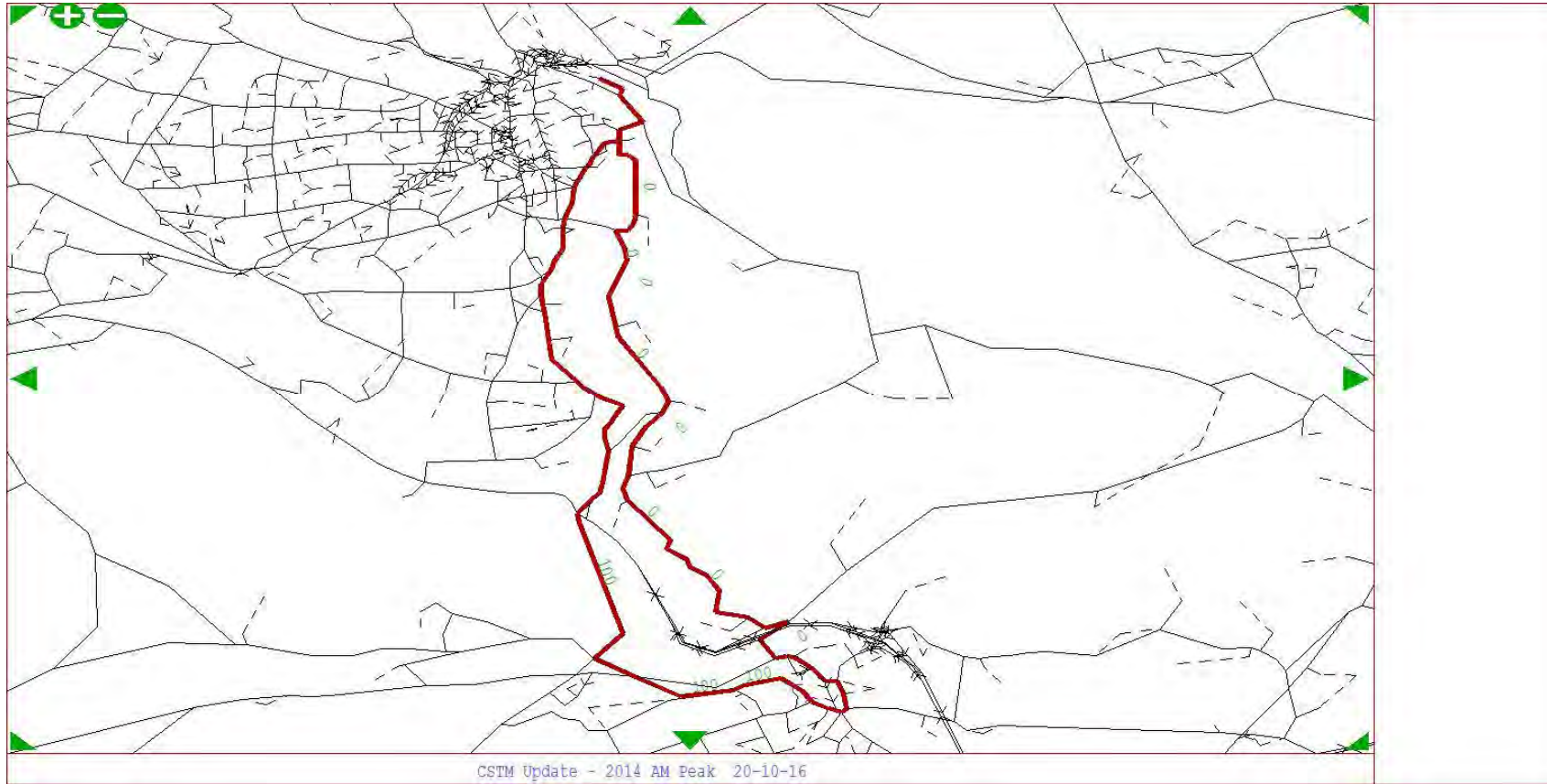
From Zone 109 To Zone 180 - User Class 2



From Zone 109 To Zone 180 - User Class 3

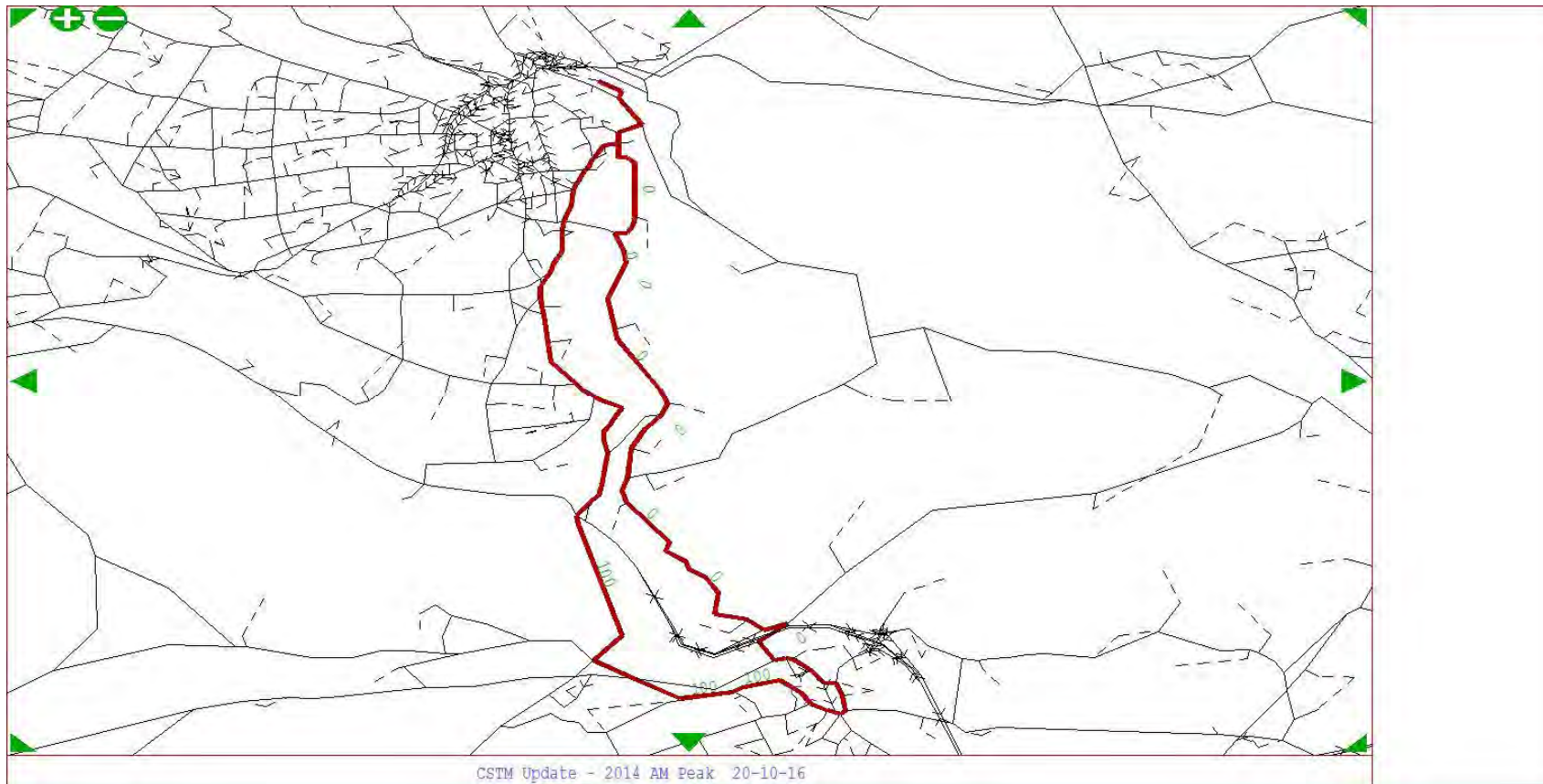


From Zone 109 To Zone 180 - User Class 4

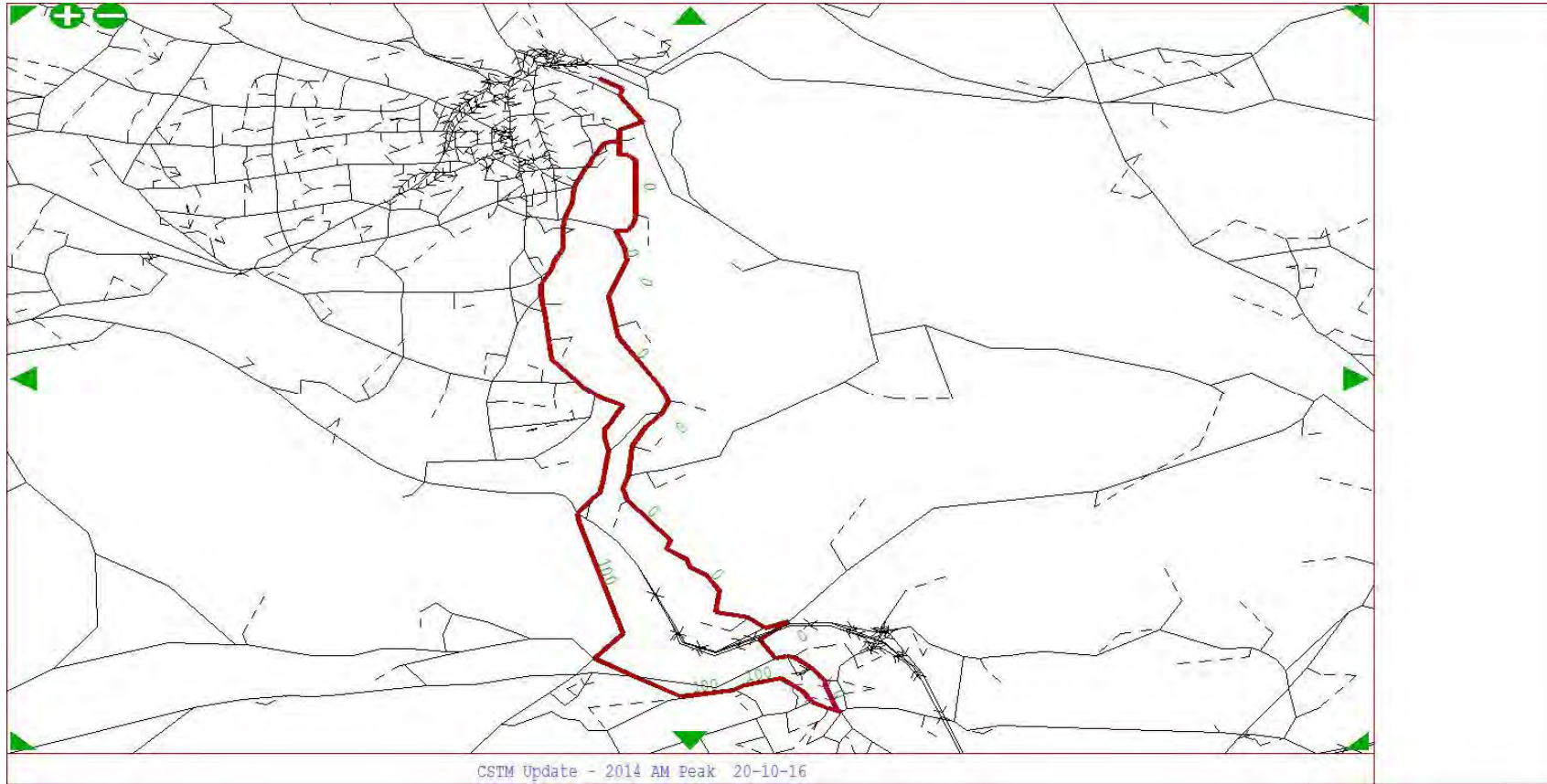




From Zone 109 To Zone 180 - User Class 5

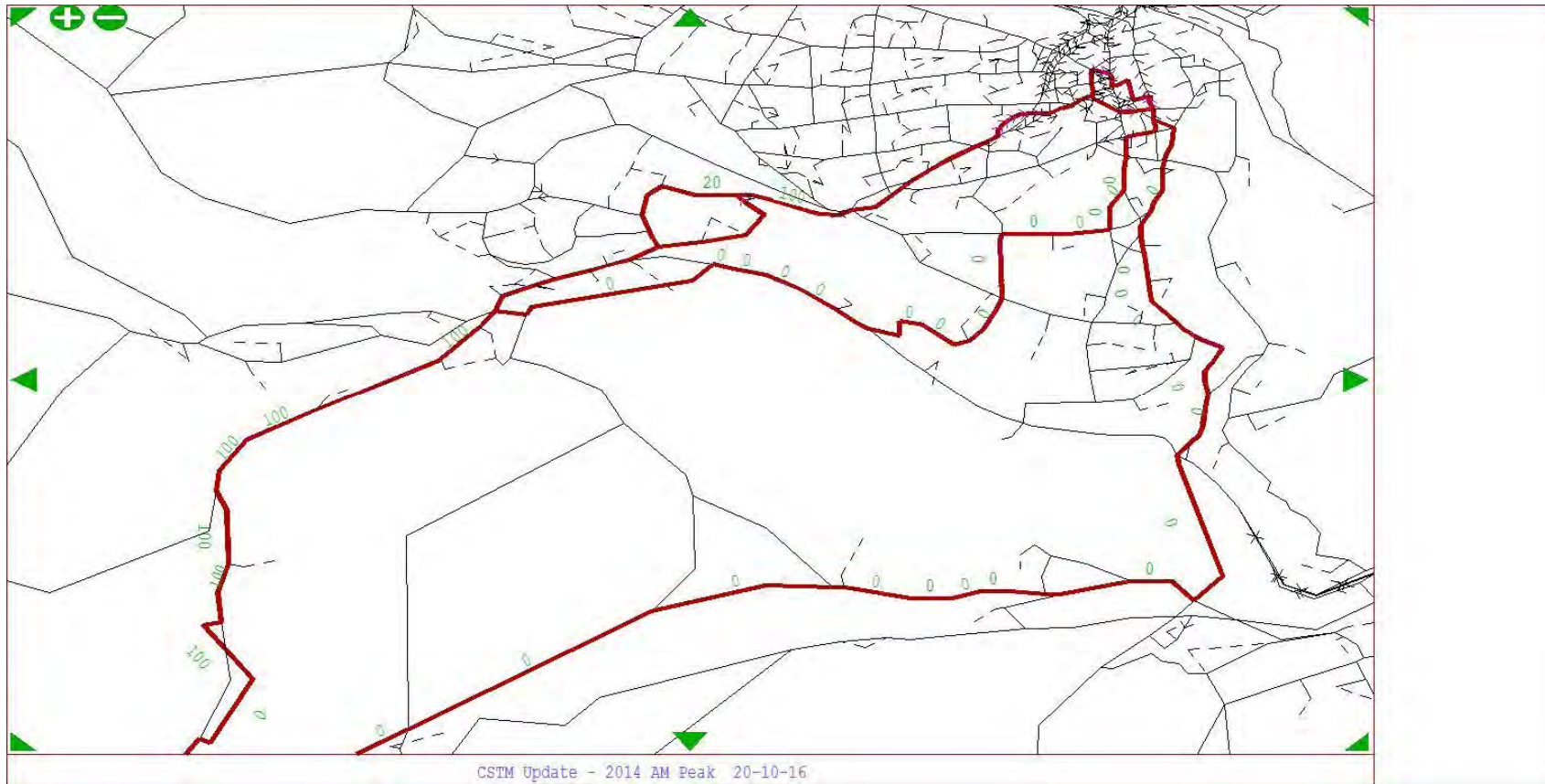


From Zone 109 To Zone 180 - User Class 6



From Zone 214 To Zone 420 - User Class 1

### From Zone 214 To Zone 420 - User Class 1



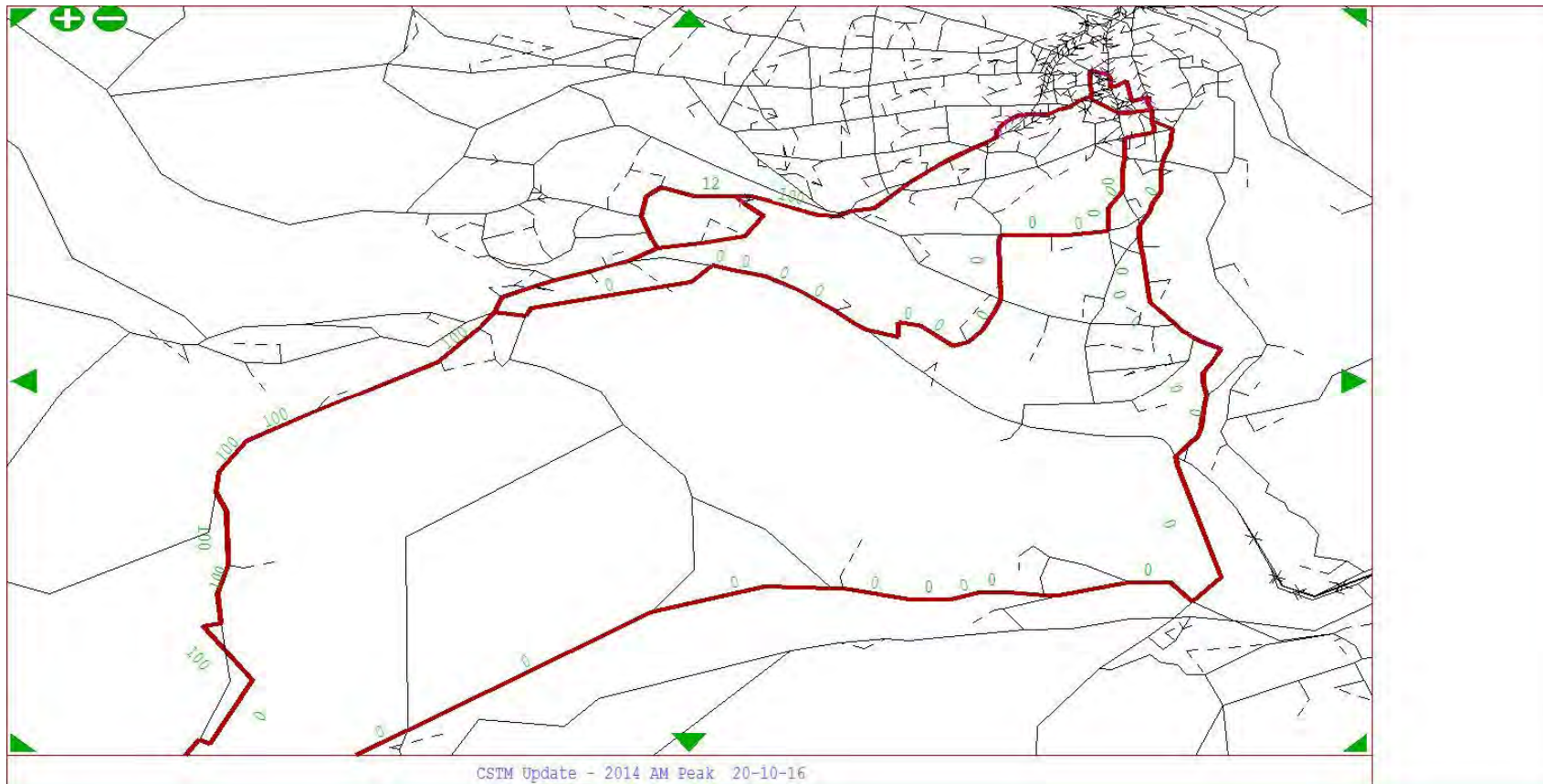


CSTM Update - 2014 AM Peak 20-10-16

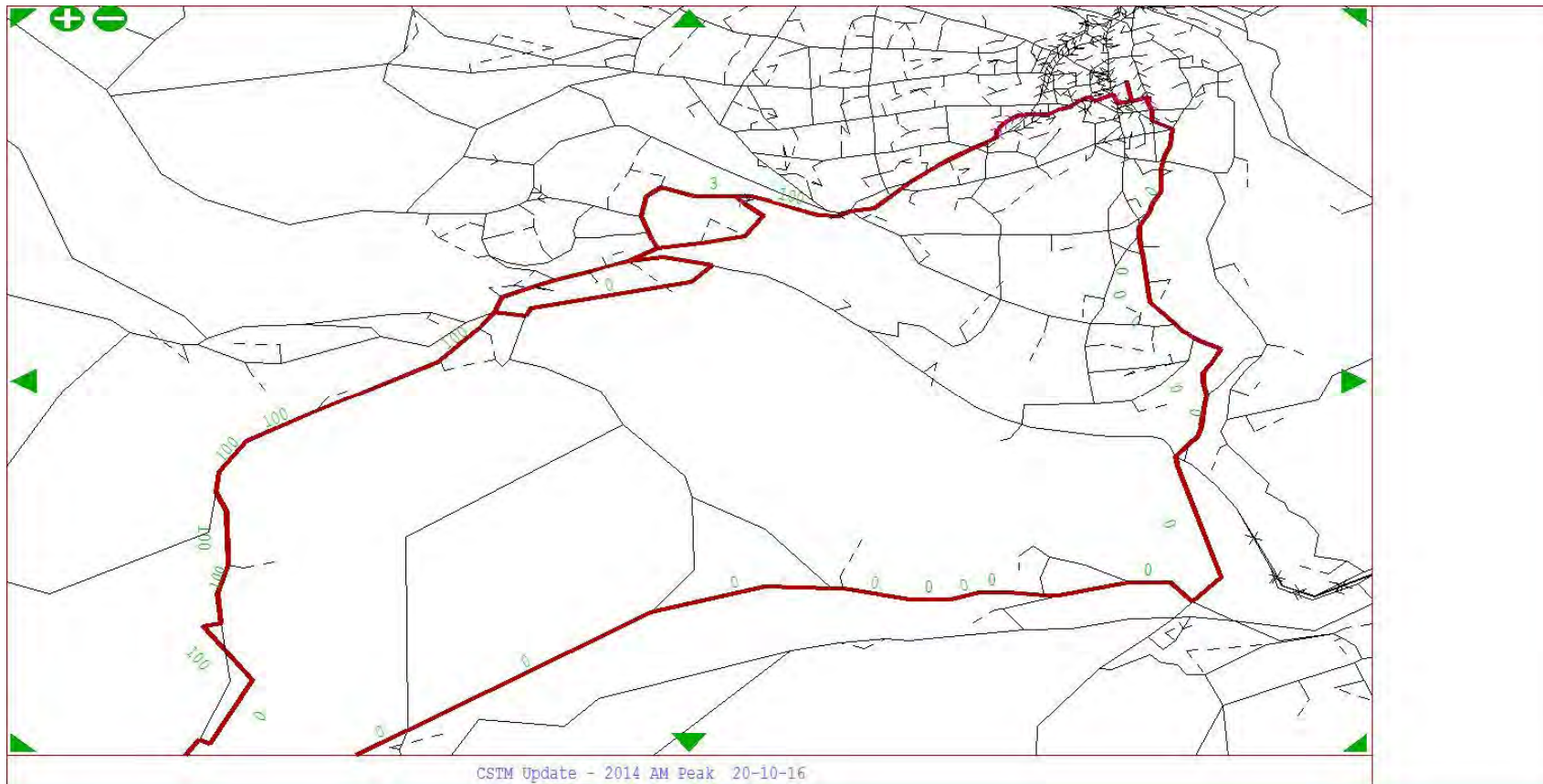
CSTM Update - 2014 AM Peak 20-10-16



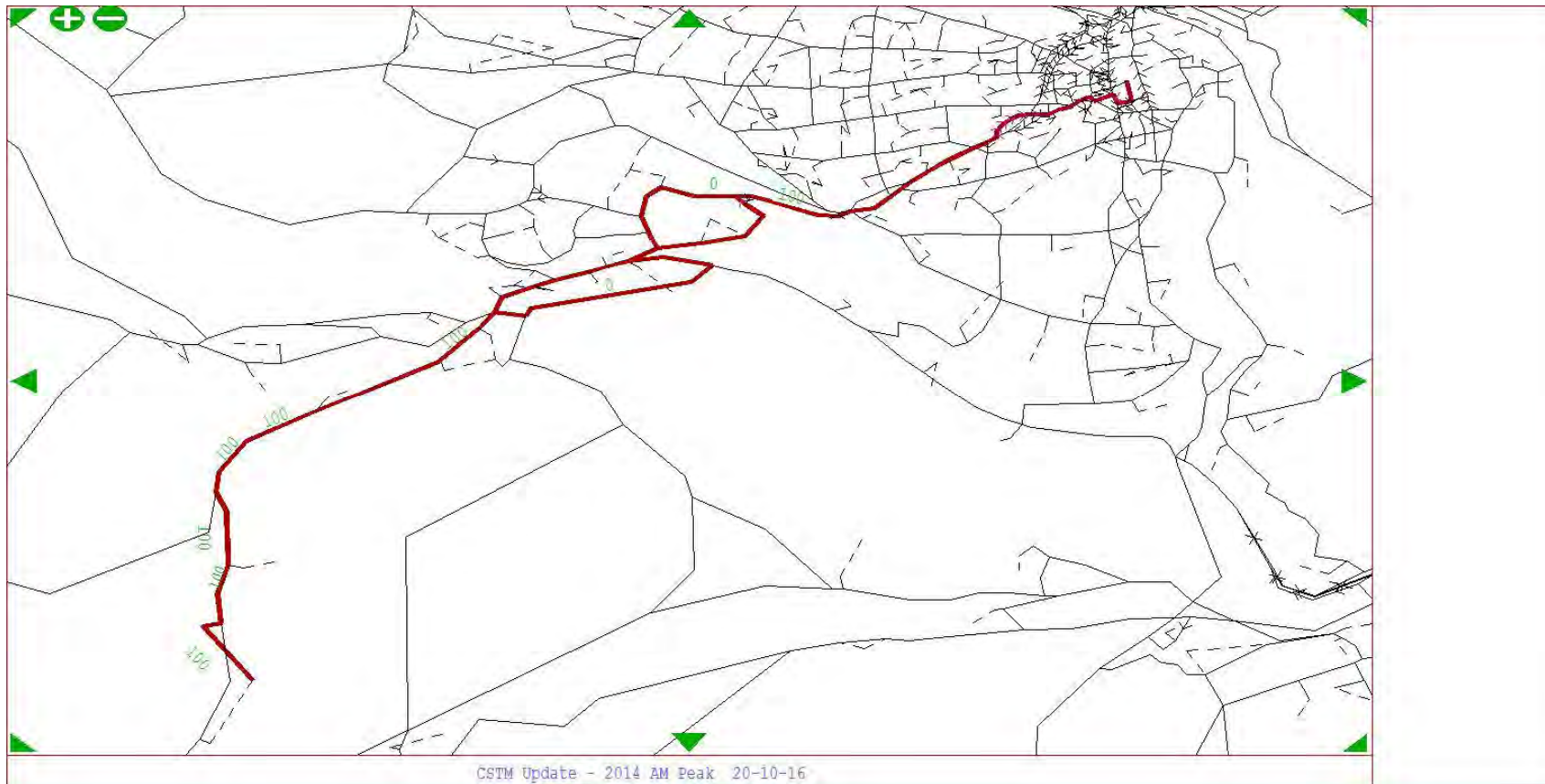
From Zone 214 To Zone 420 - User Class 3



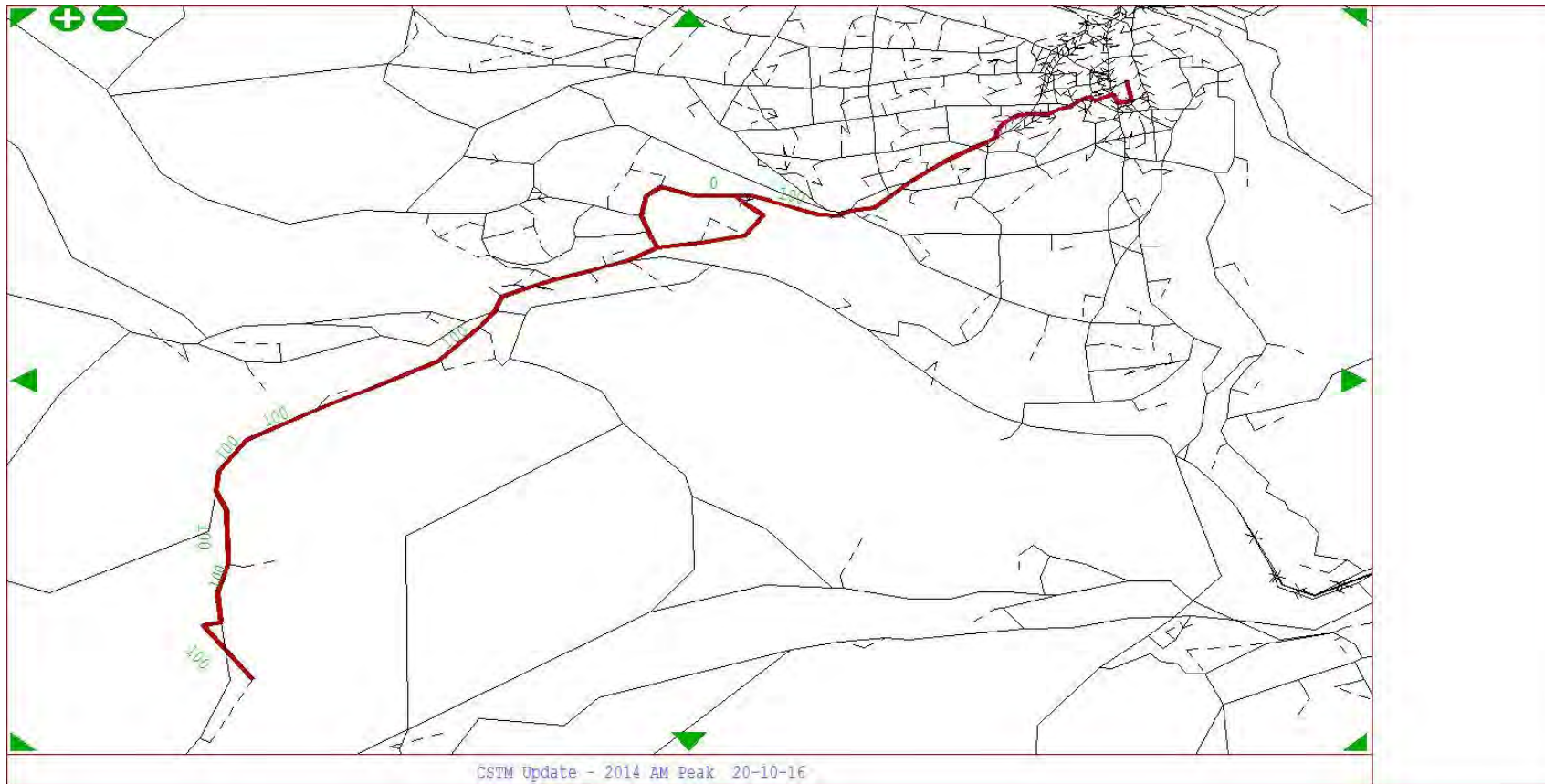
From Zone 214 To Zone 420 - User Class 4



From Zone 214 To Zone 420 - User Class 5



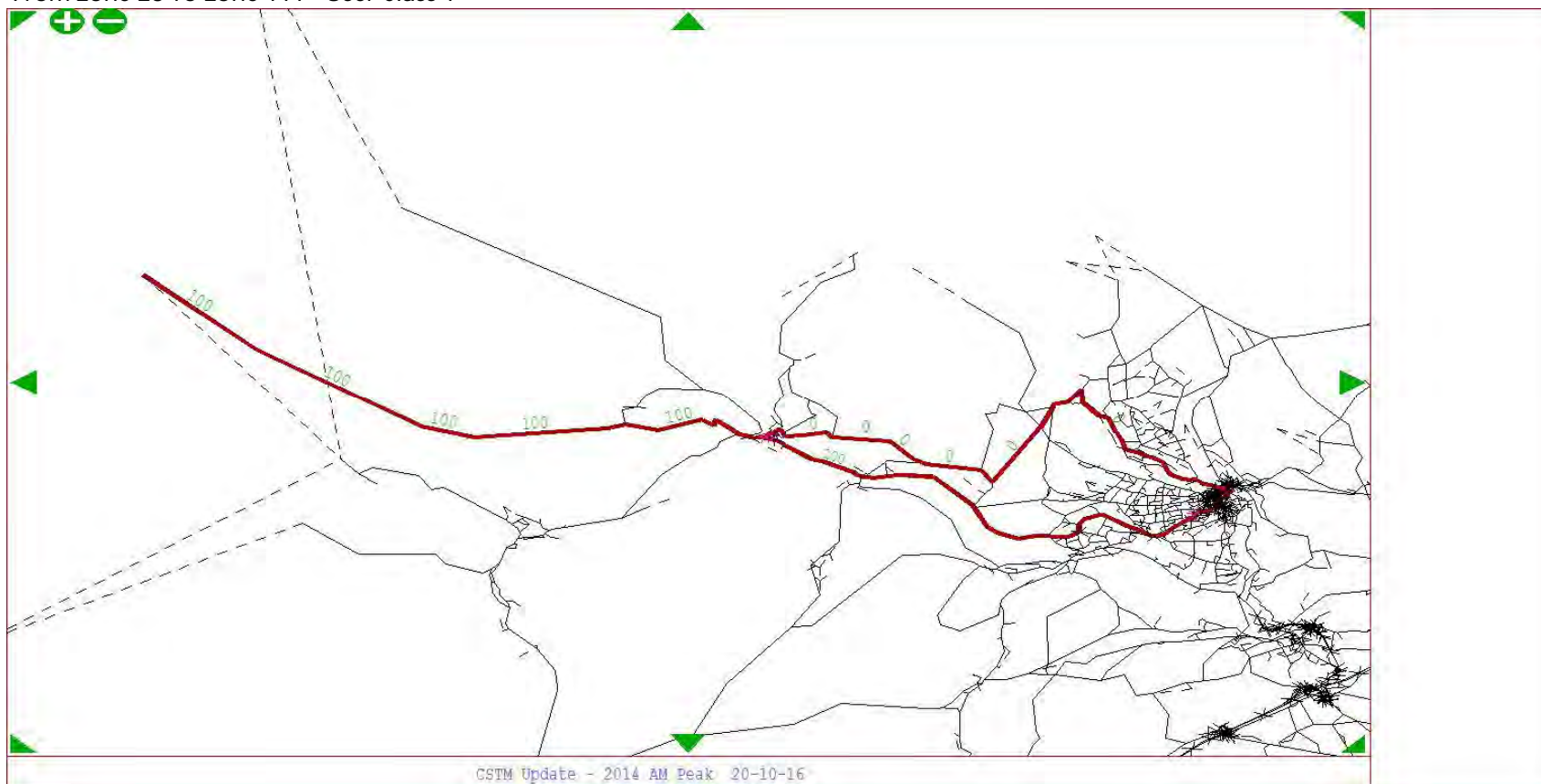
From Zone 214 To Zone 420 - User Class 6



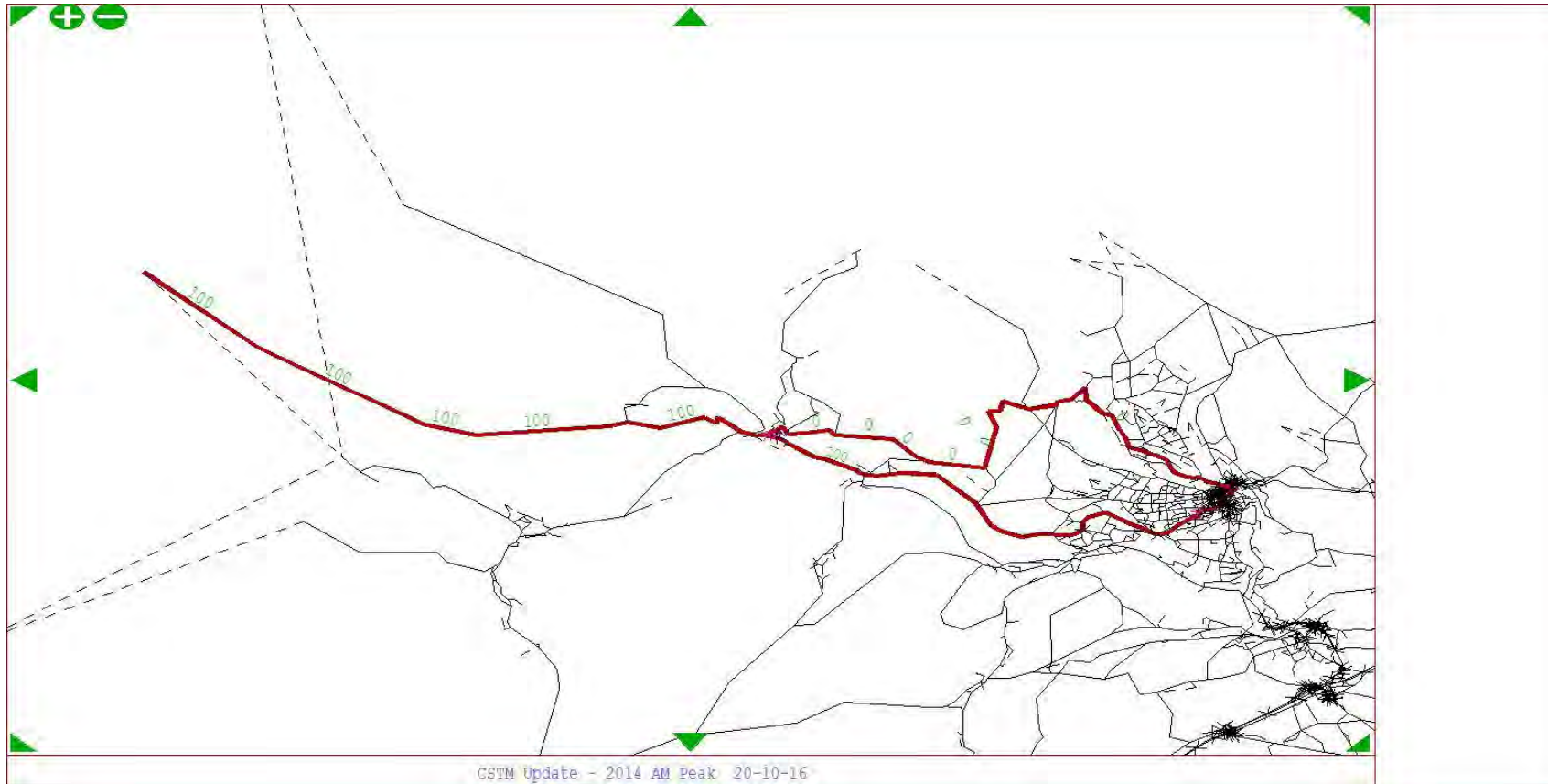


From Zone 28 To Zone 111 - User Class 1

From Zone 28 To Zone 111 - User Class 1



From Zone 28 To Zone 111 - User Class 2



CSTM Update - 2014 AM Peak 20-10-16

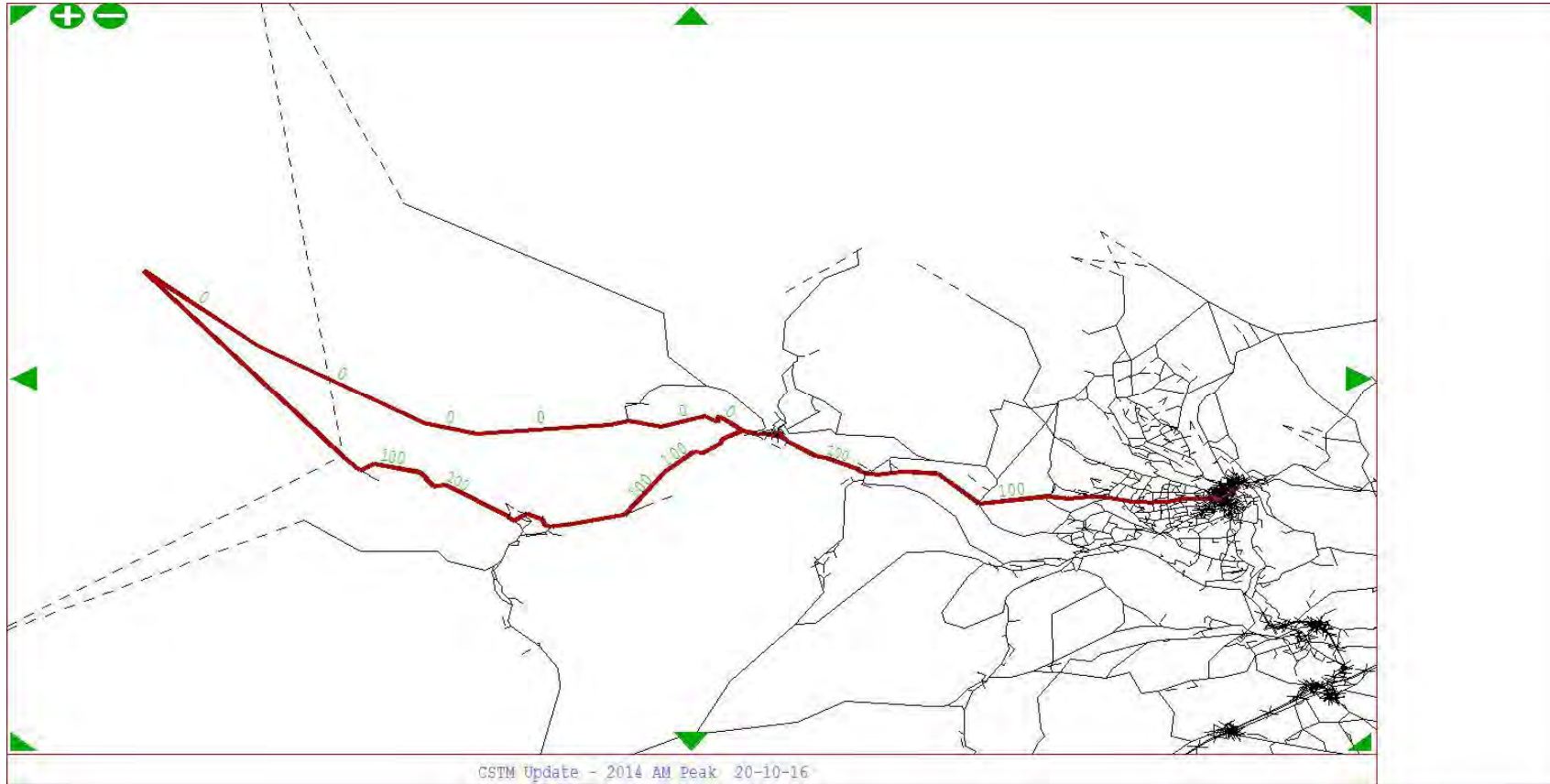
CSTM Update - 2014 AM Peak 20-10-16

CSTM Update - 2014 AM Peak 20-10-16



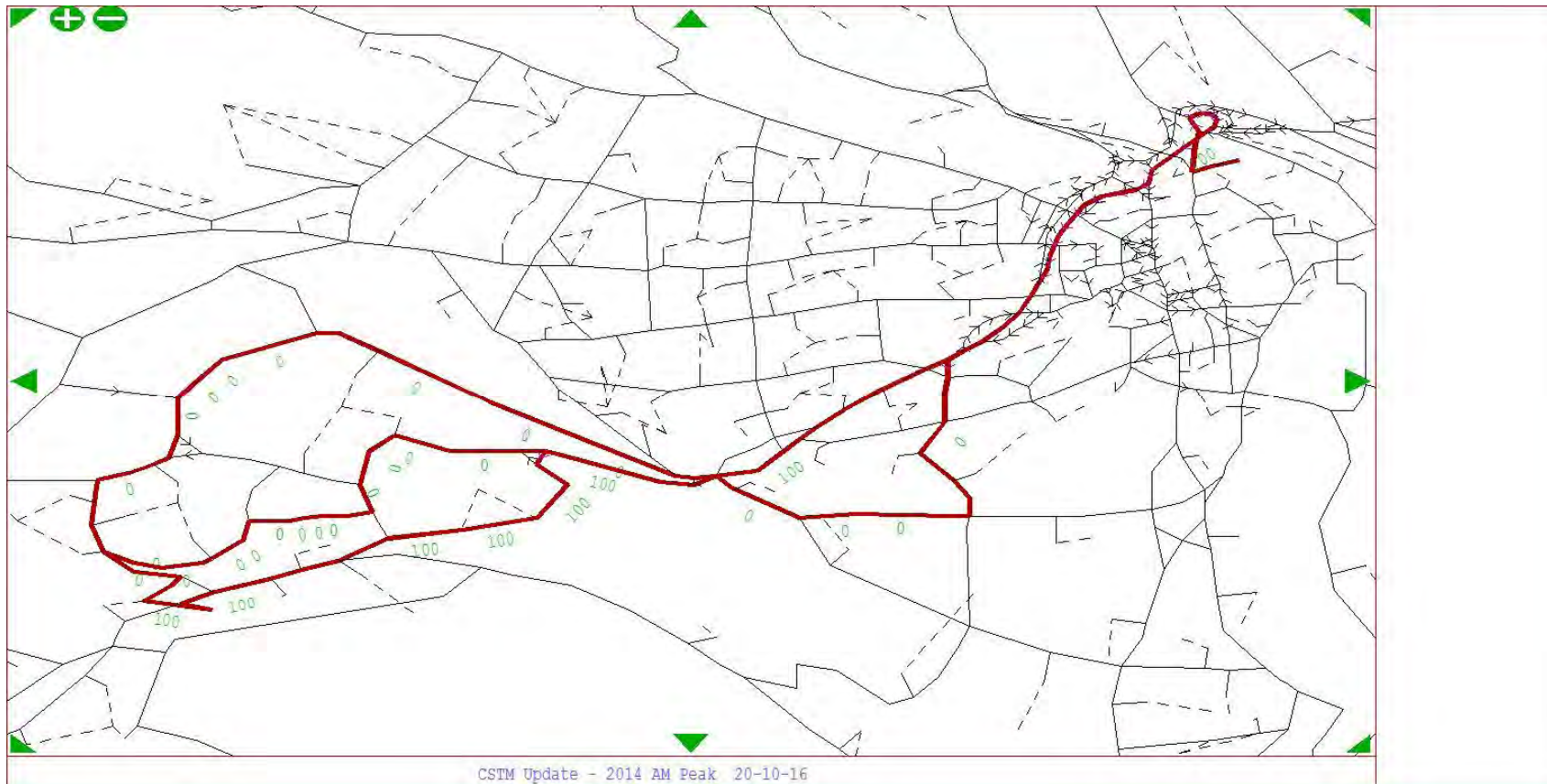
CSTM Update - 2014 AM Peak 20-10-16

From Zone 28 To Zone 111 - User Class 6

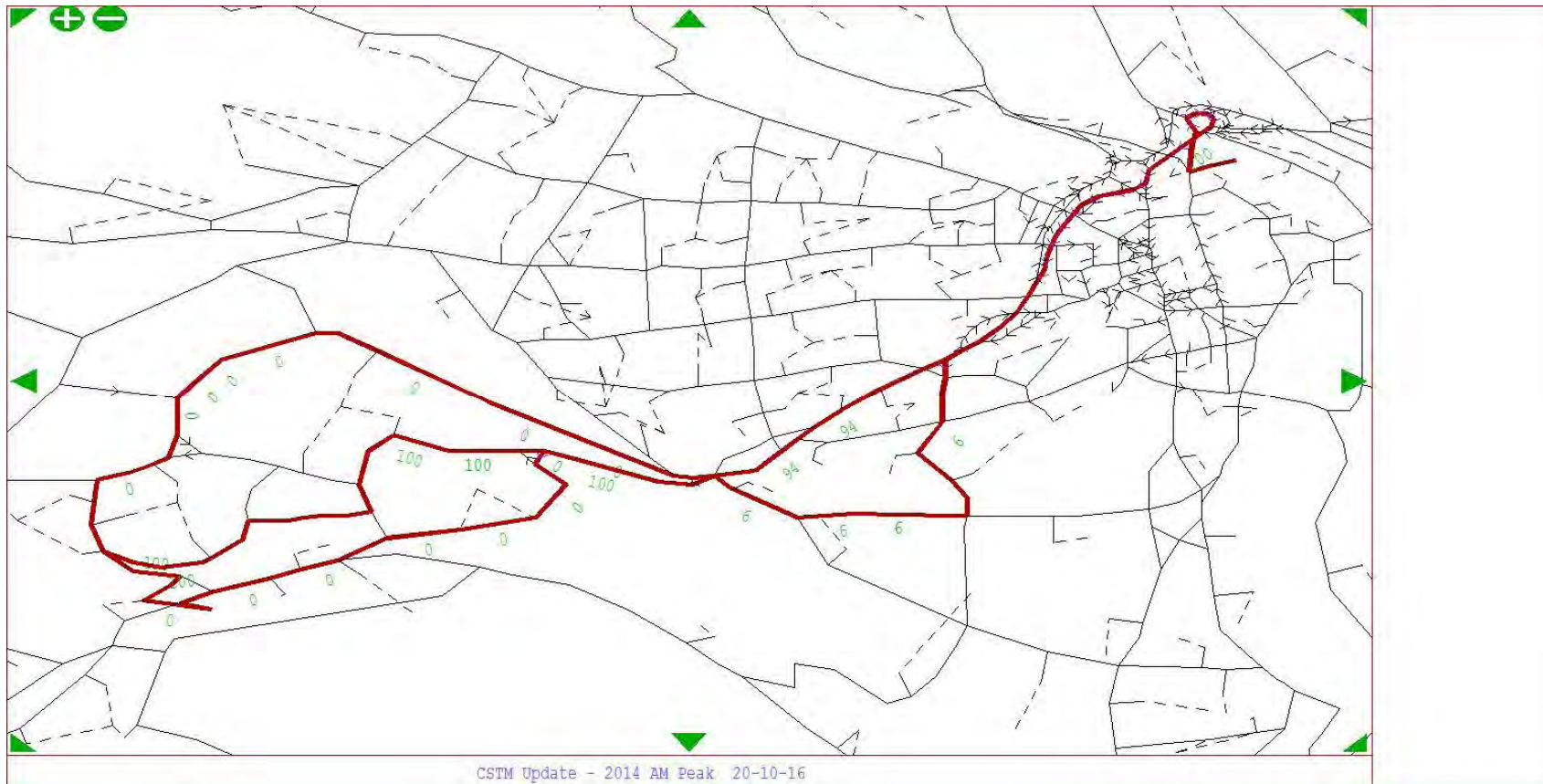


## Halifax Town Centre to Sowerby Bridge

From Zone 111 To Zone 115 - User Class 1

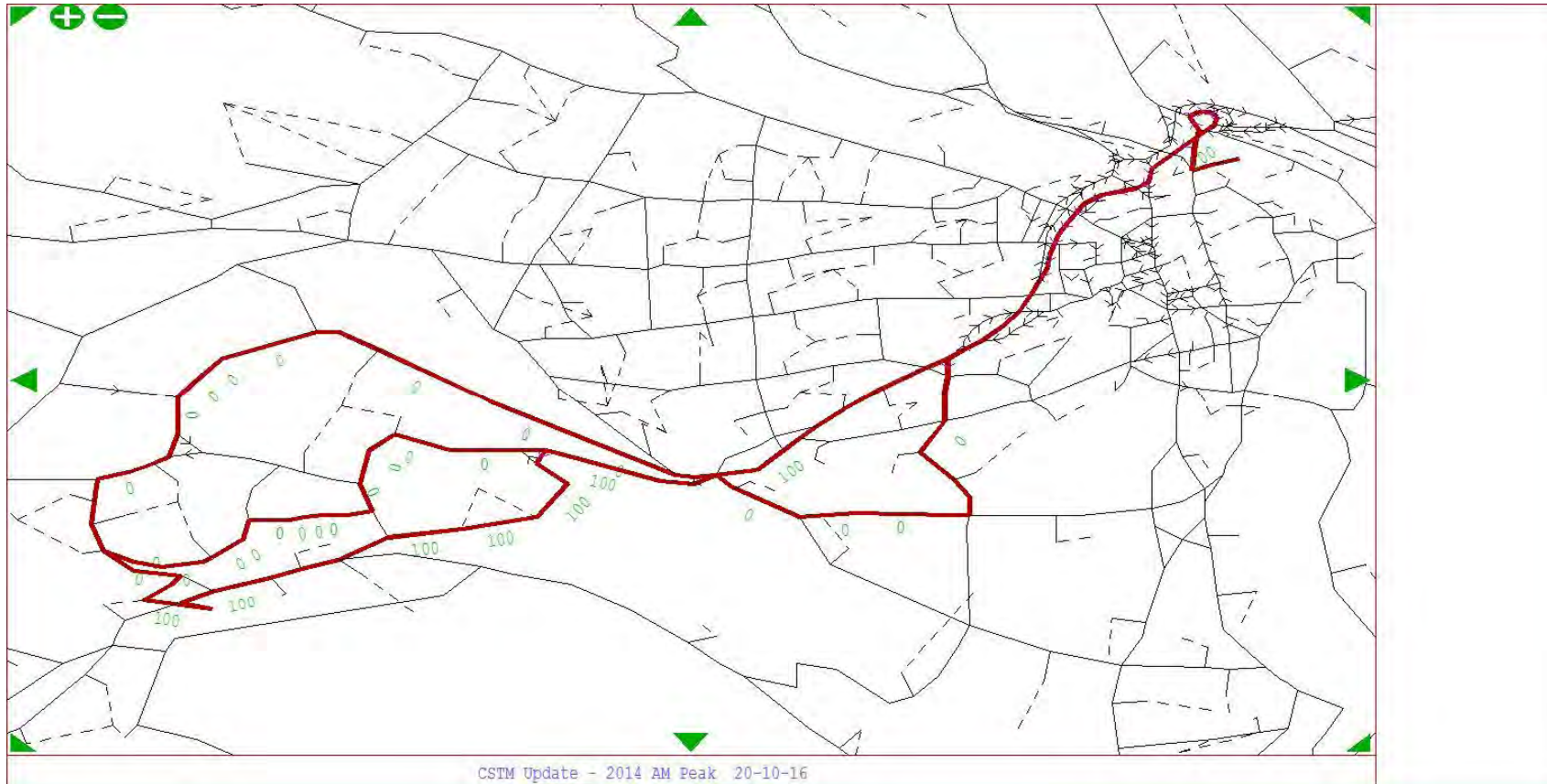


From Zone 111 To Zone 115 - User Class 2

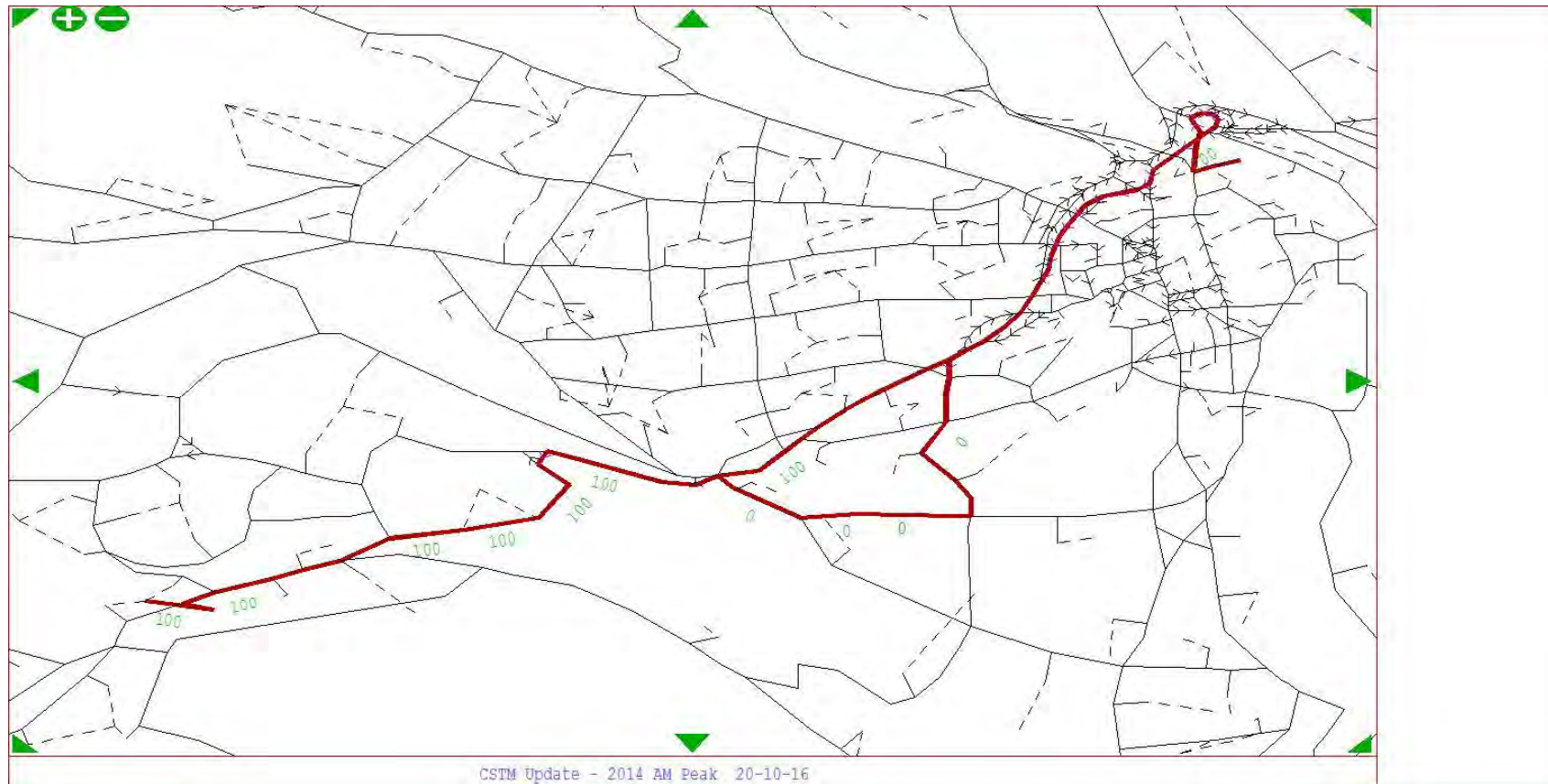




From Zone 111 To Zone 115 - User Class 3



From Zone 111 To Zone 115 - User Class 4



CSTM Update - 2014 AM Peak 20-10-16

CSTM Update - 2014 AM Peak 20-10-16



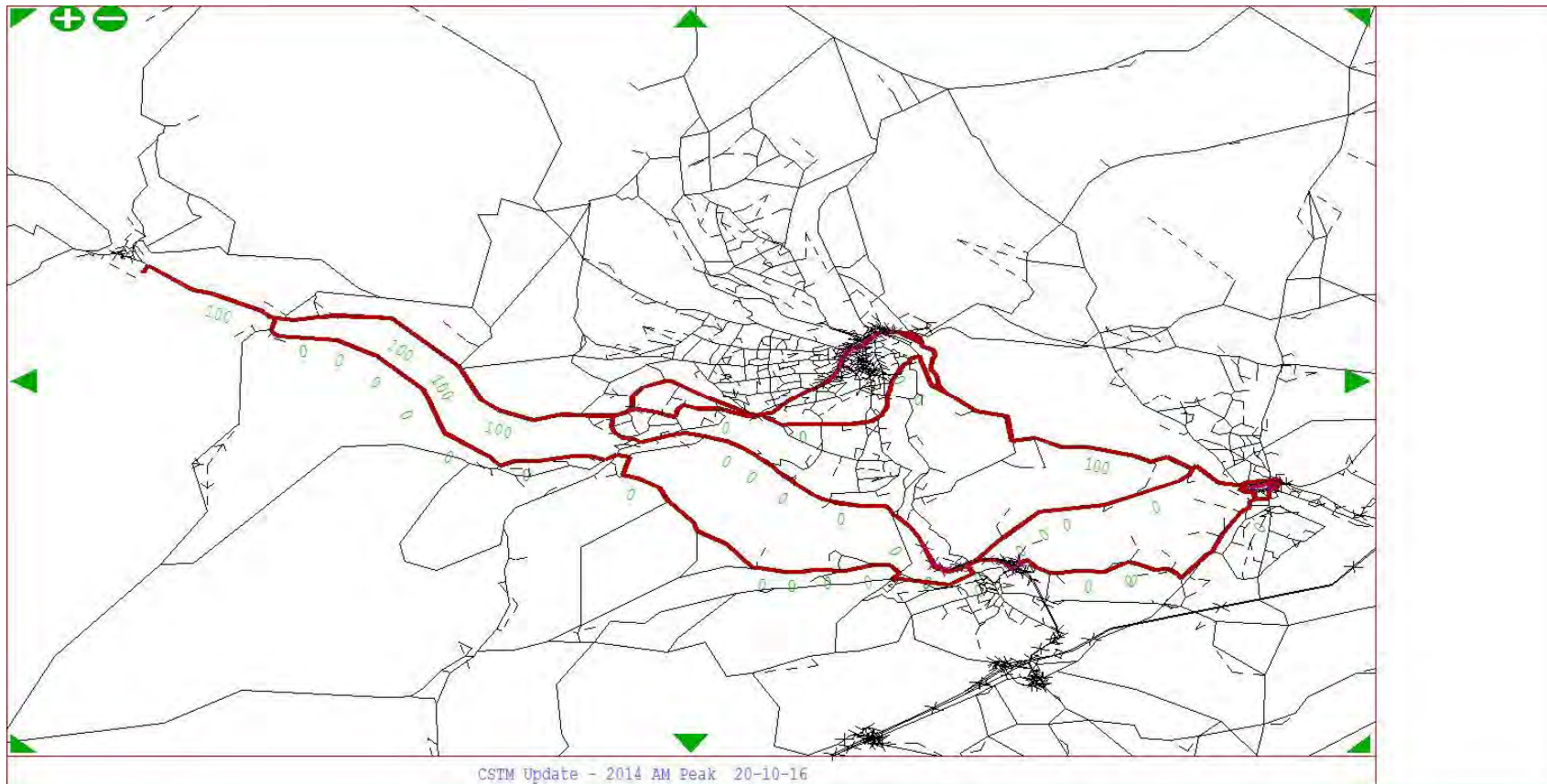
CSTM Update - 2014 AM Peak 20-10-16

CSTM Update - 2014 AM Peak 20-10-16

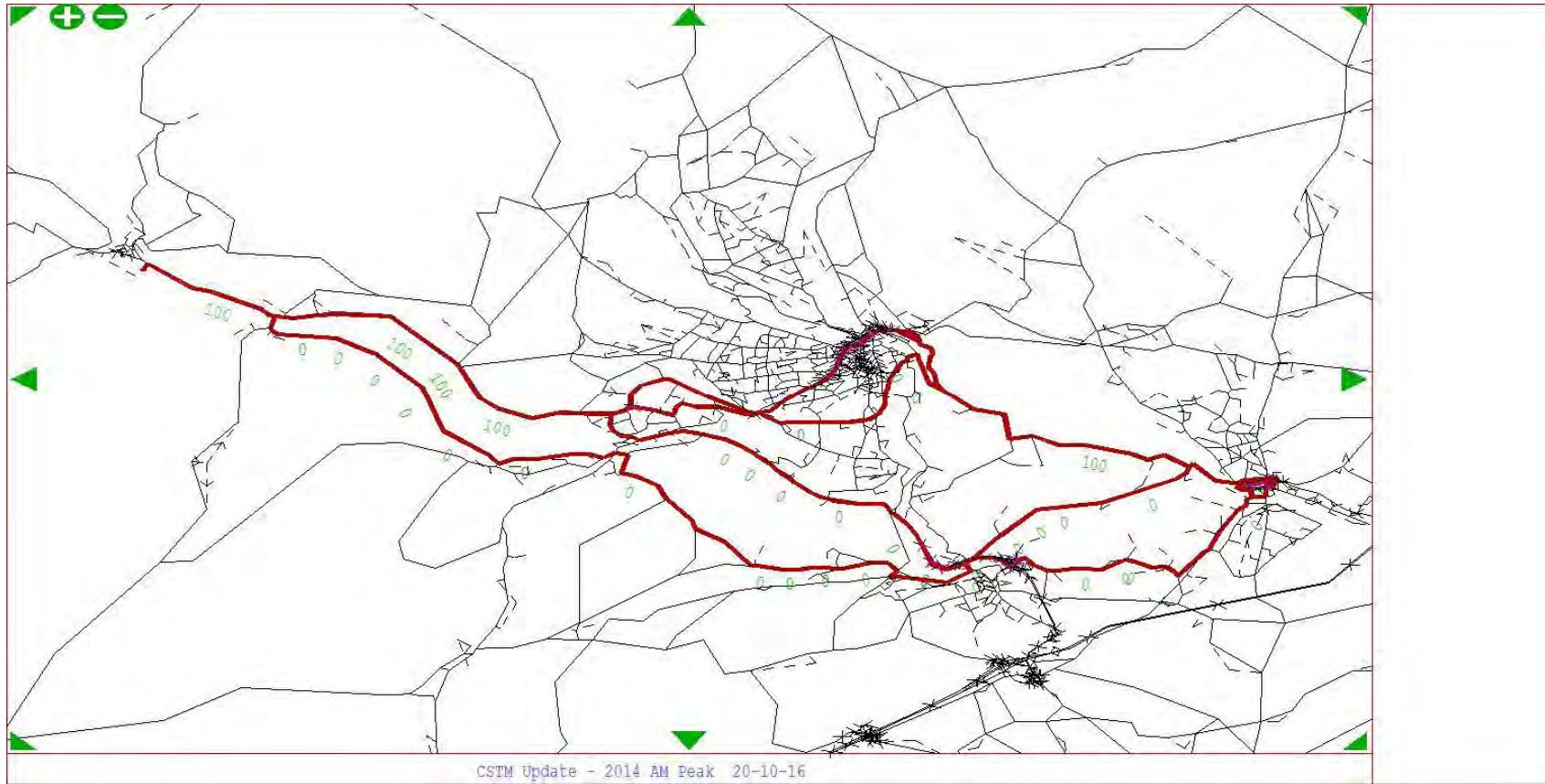


## Brighouse to Hebden Bridge

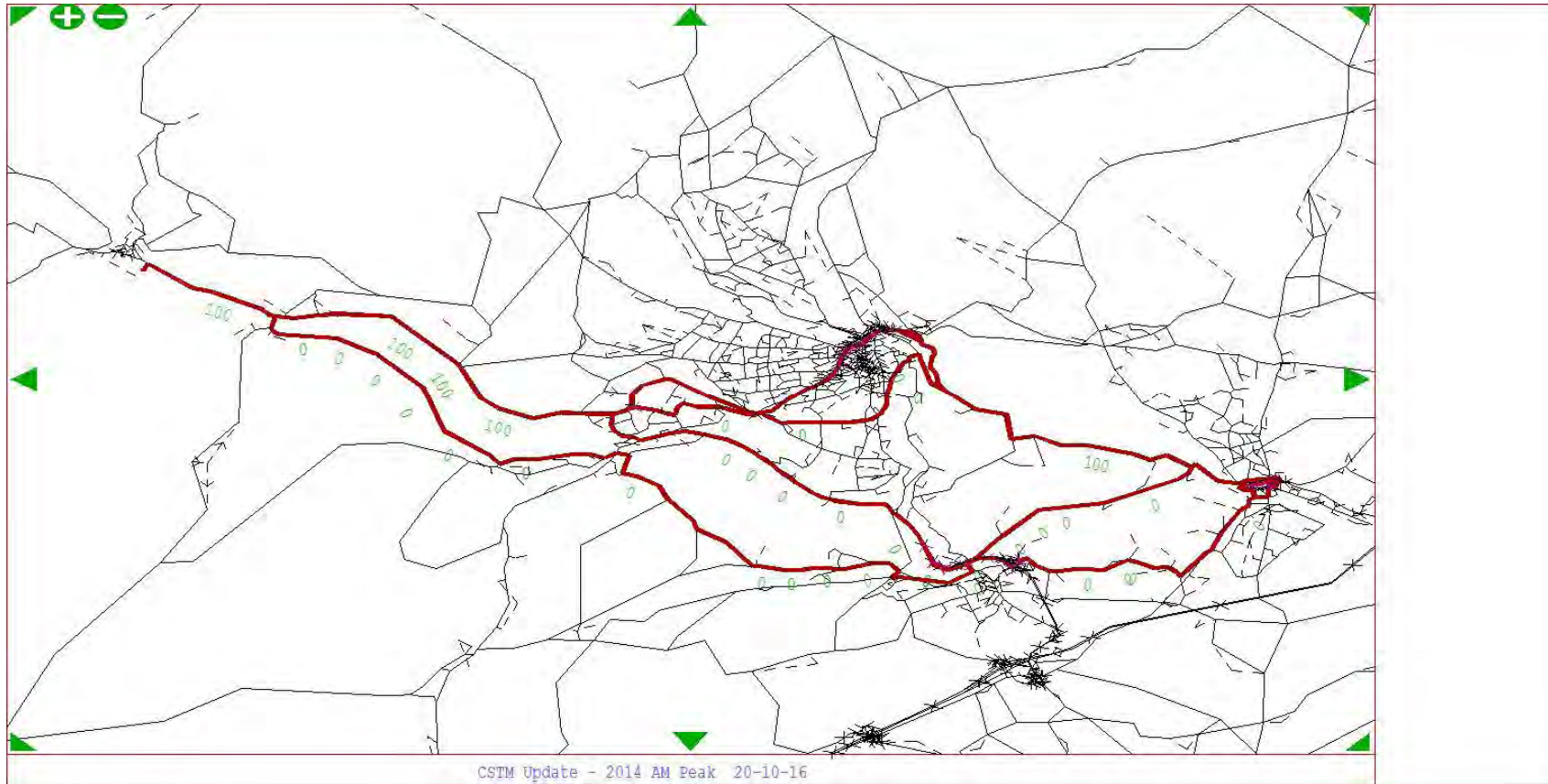
From Zone 162 To Zone 232 - User Class 1



From Zone 162 To Zone 232 - User Class 2

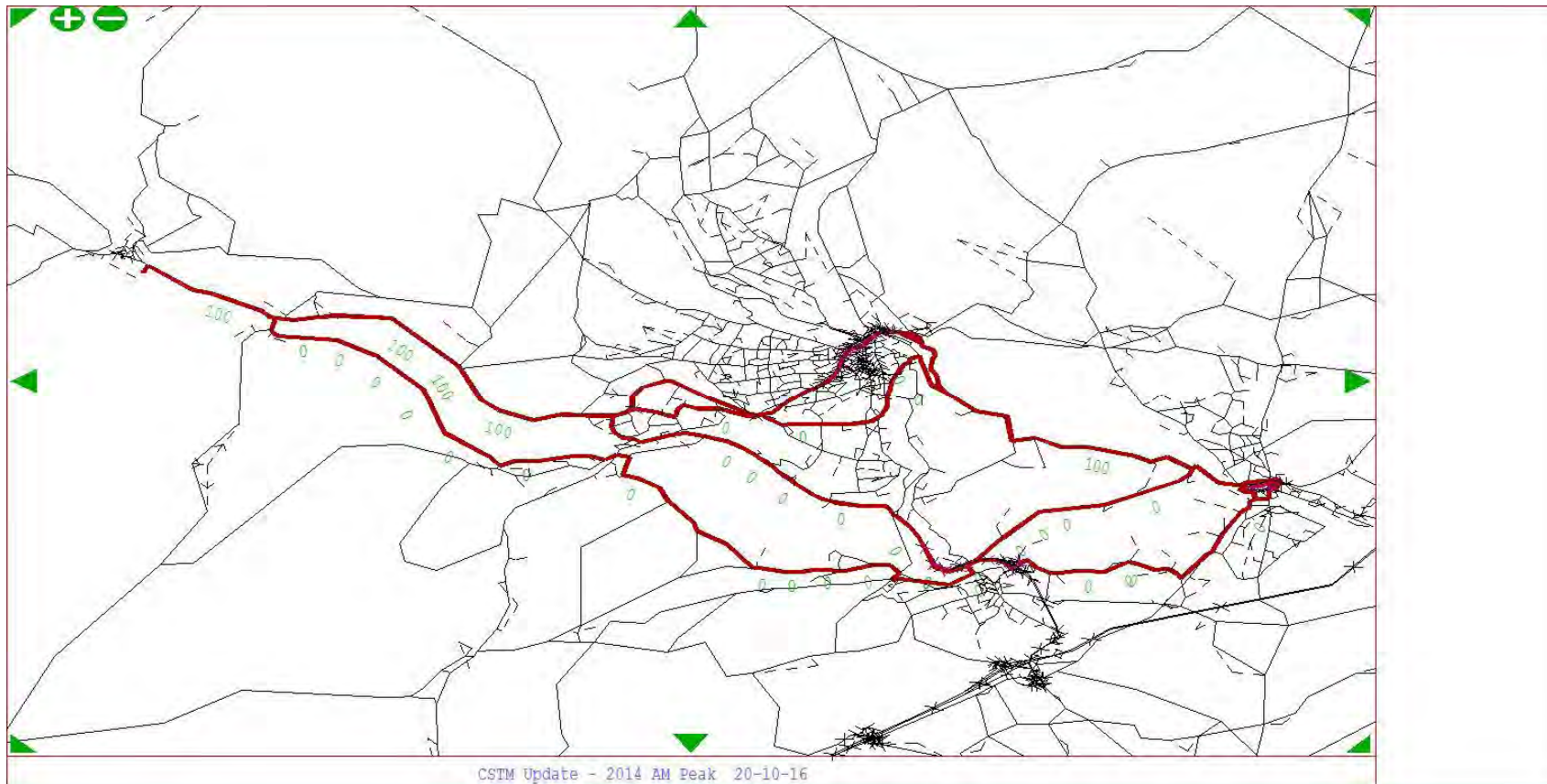


From Zone 162 To Zone 232 - User Class 3



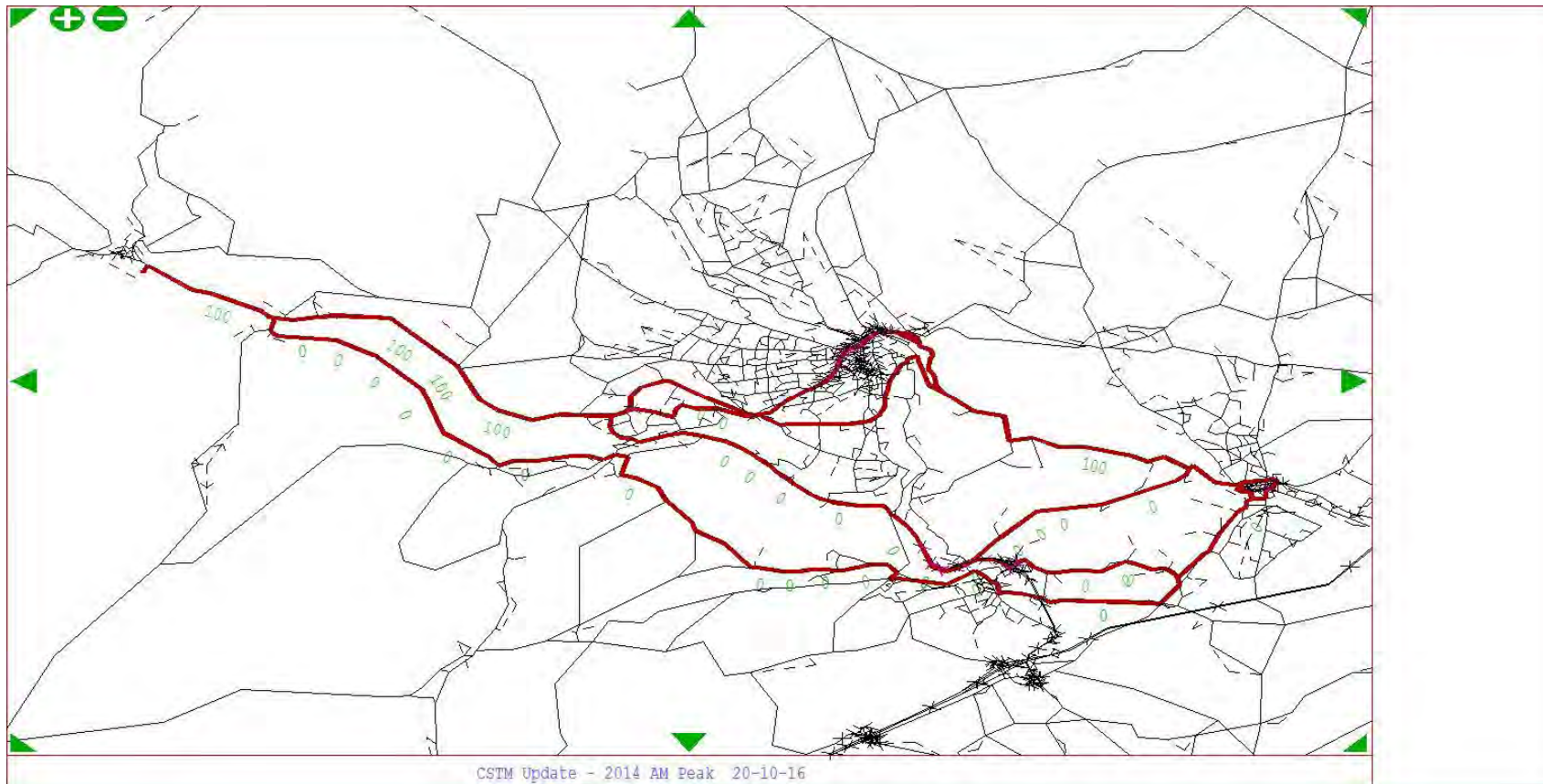


From Zone 162 To Zone 232 - User Class 4

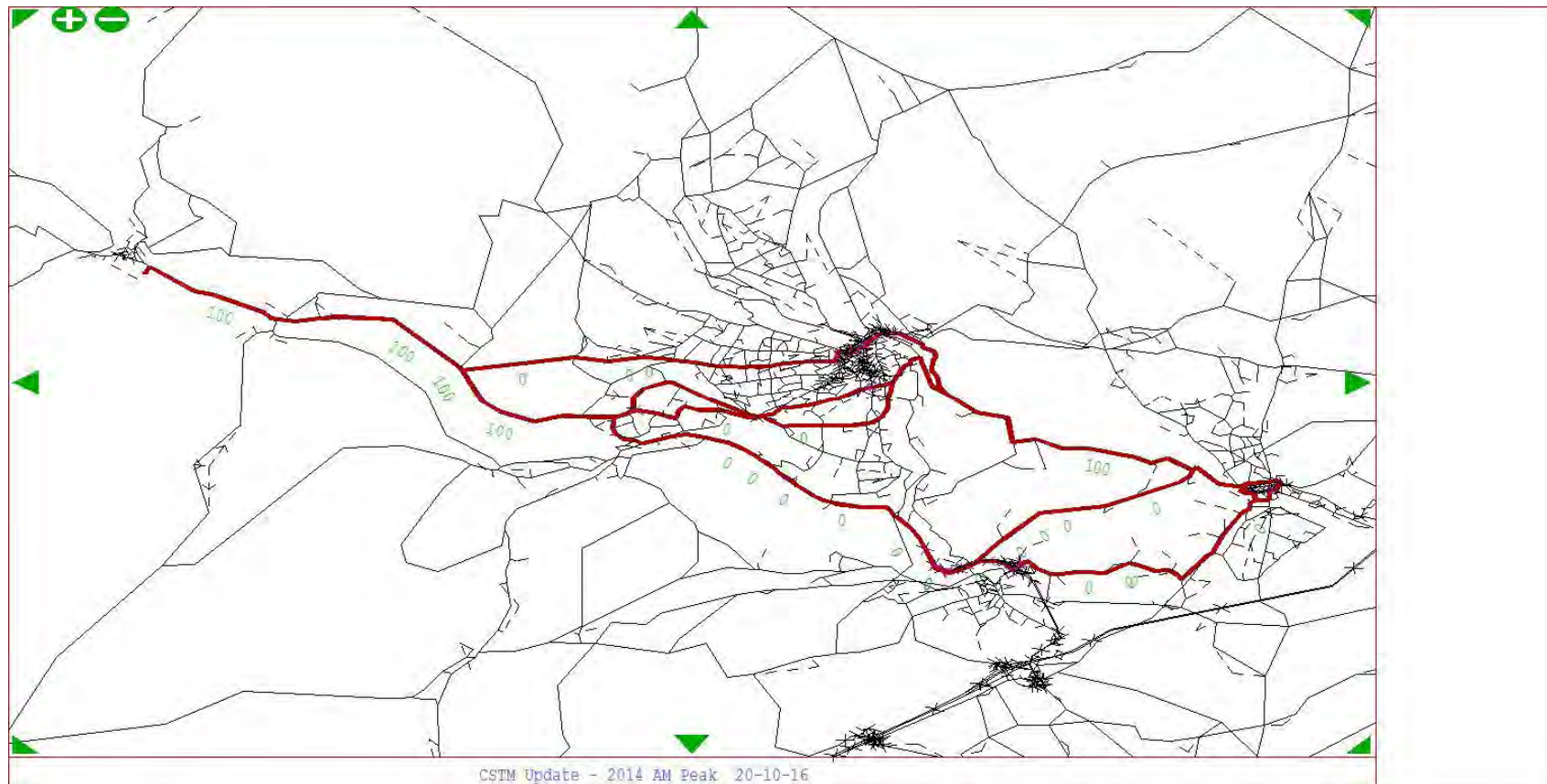




From Zone 162 To Zone 232 - User Class 5

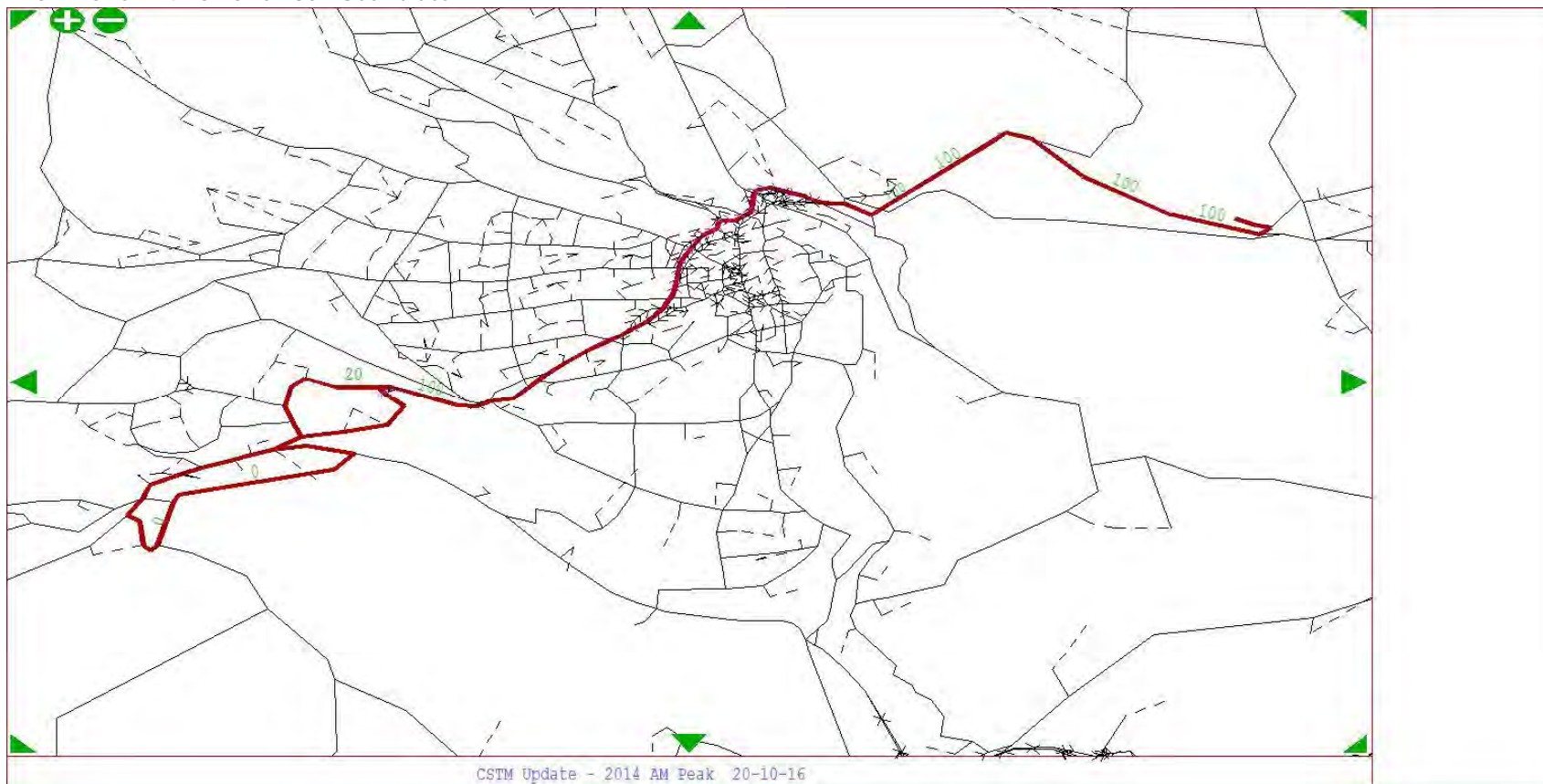


From Zone 162 To Zone 232 - User Class 6



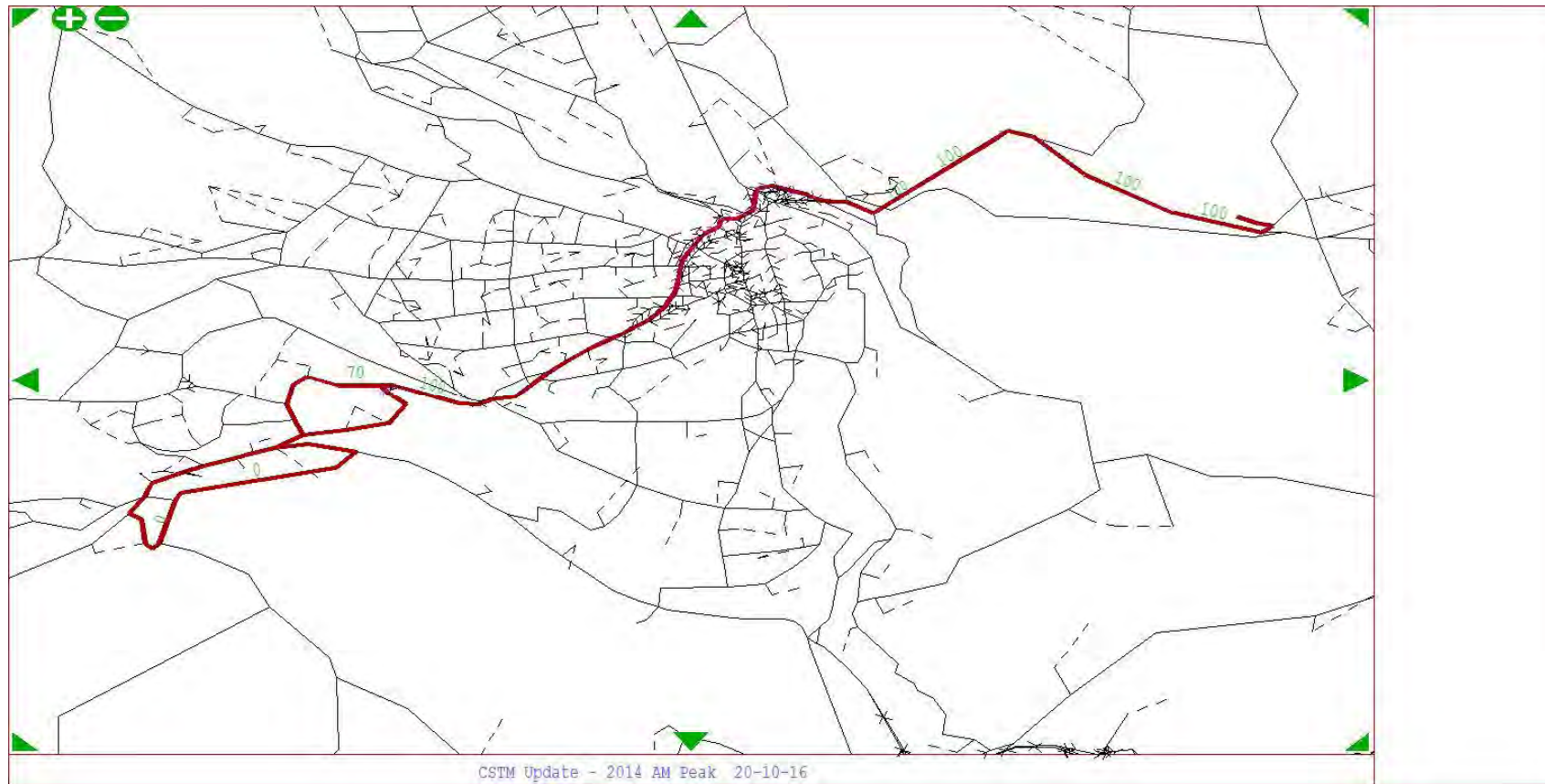
## Sowerby Bridge to Hipperholme

From Zone 124 To Zone 135 - User Class 1



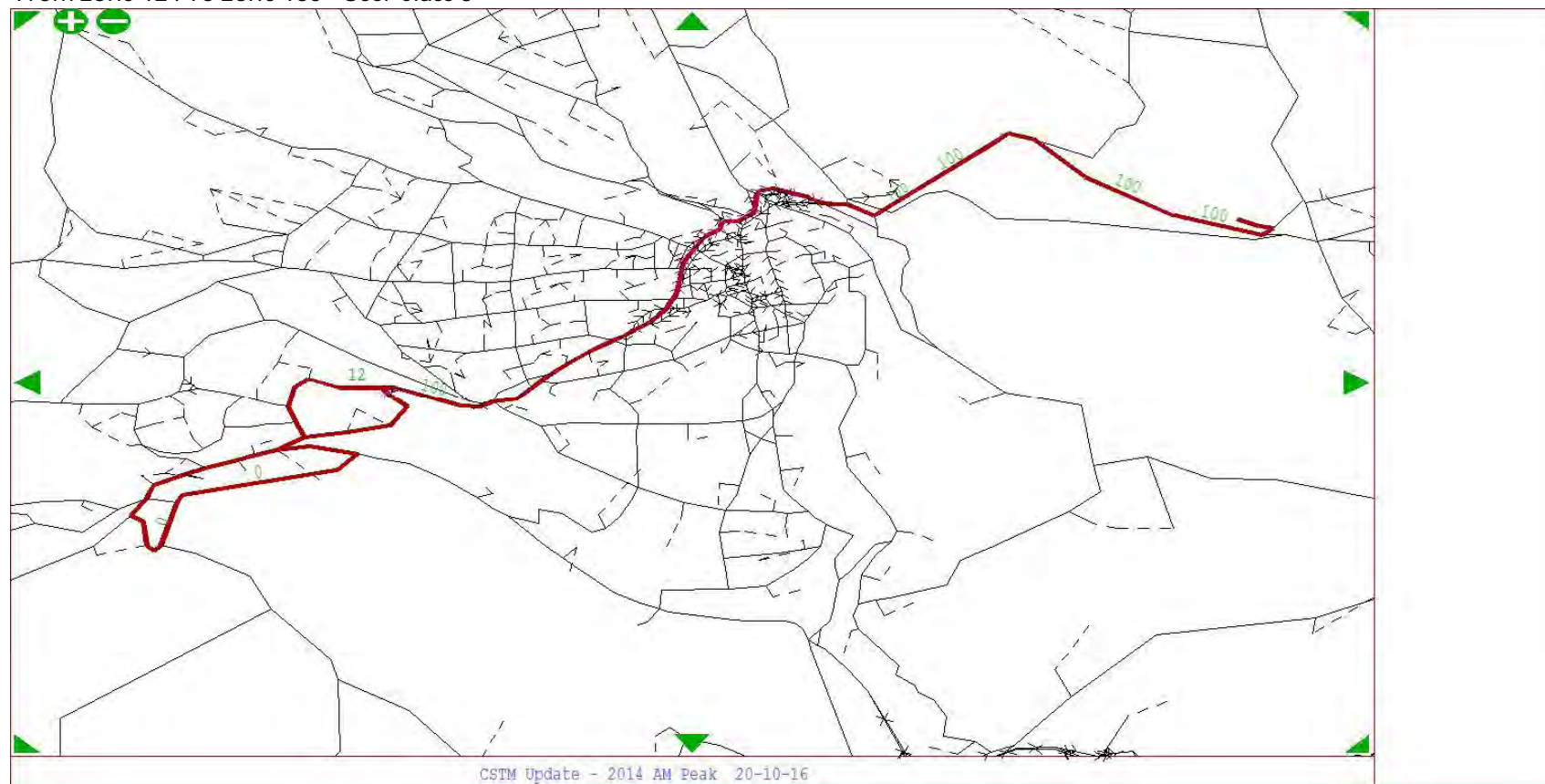


From Zone 124 To Zone 135 - User Class 2

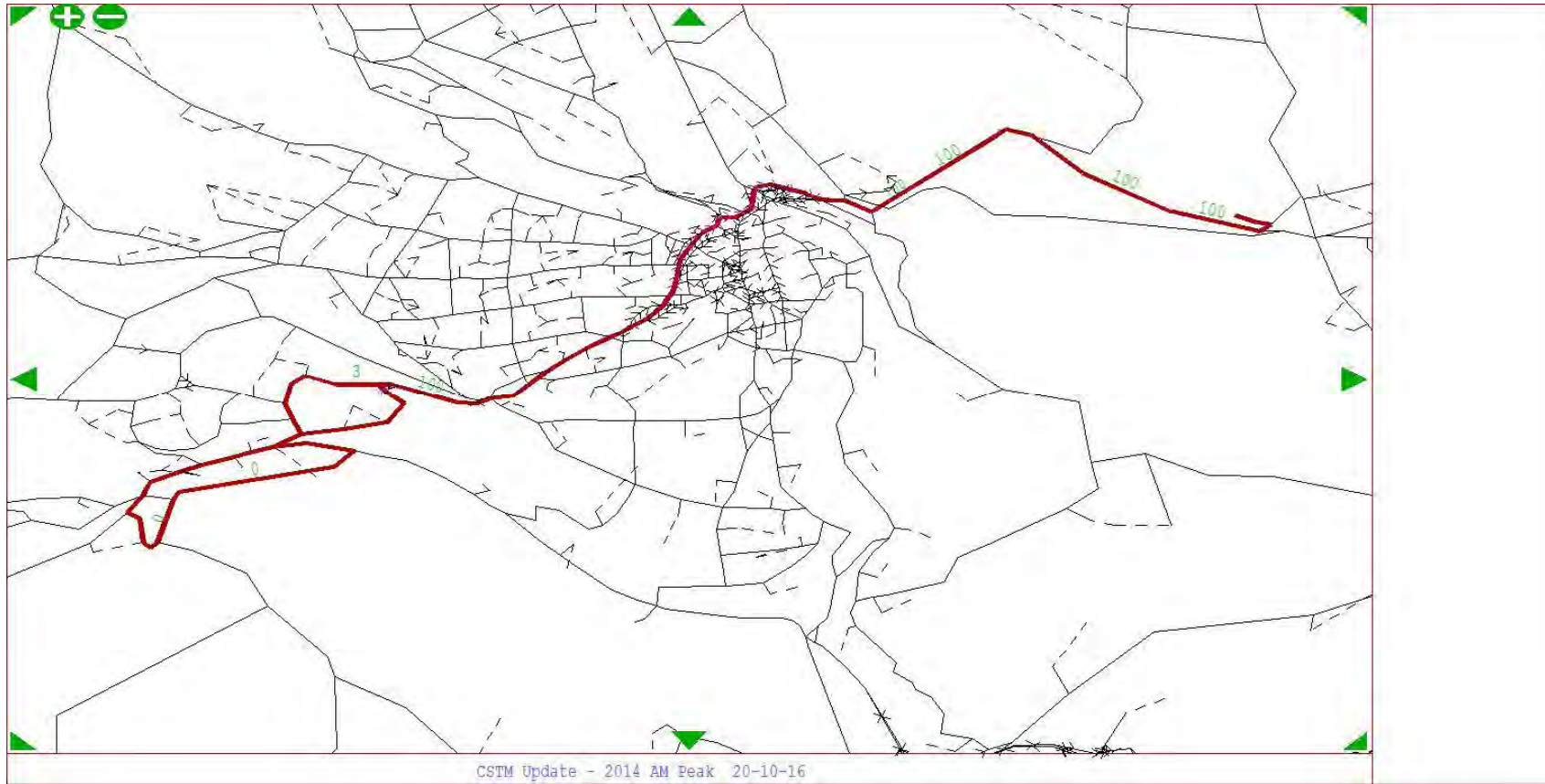




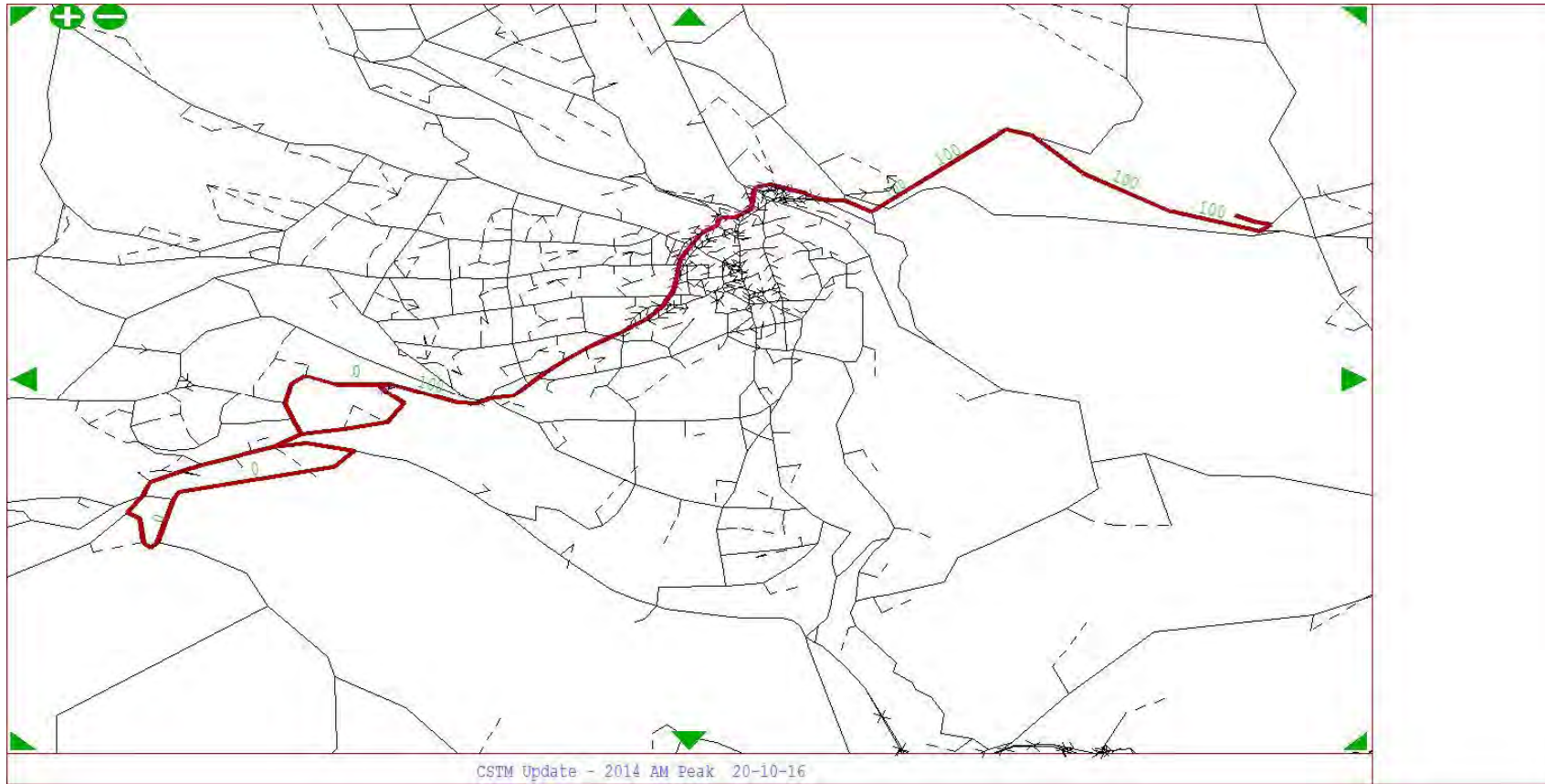
From Zone 124 To Zone 135 - User Class 3



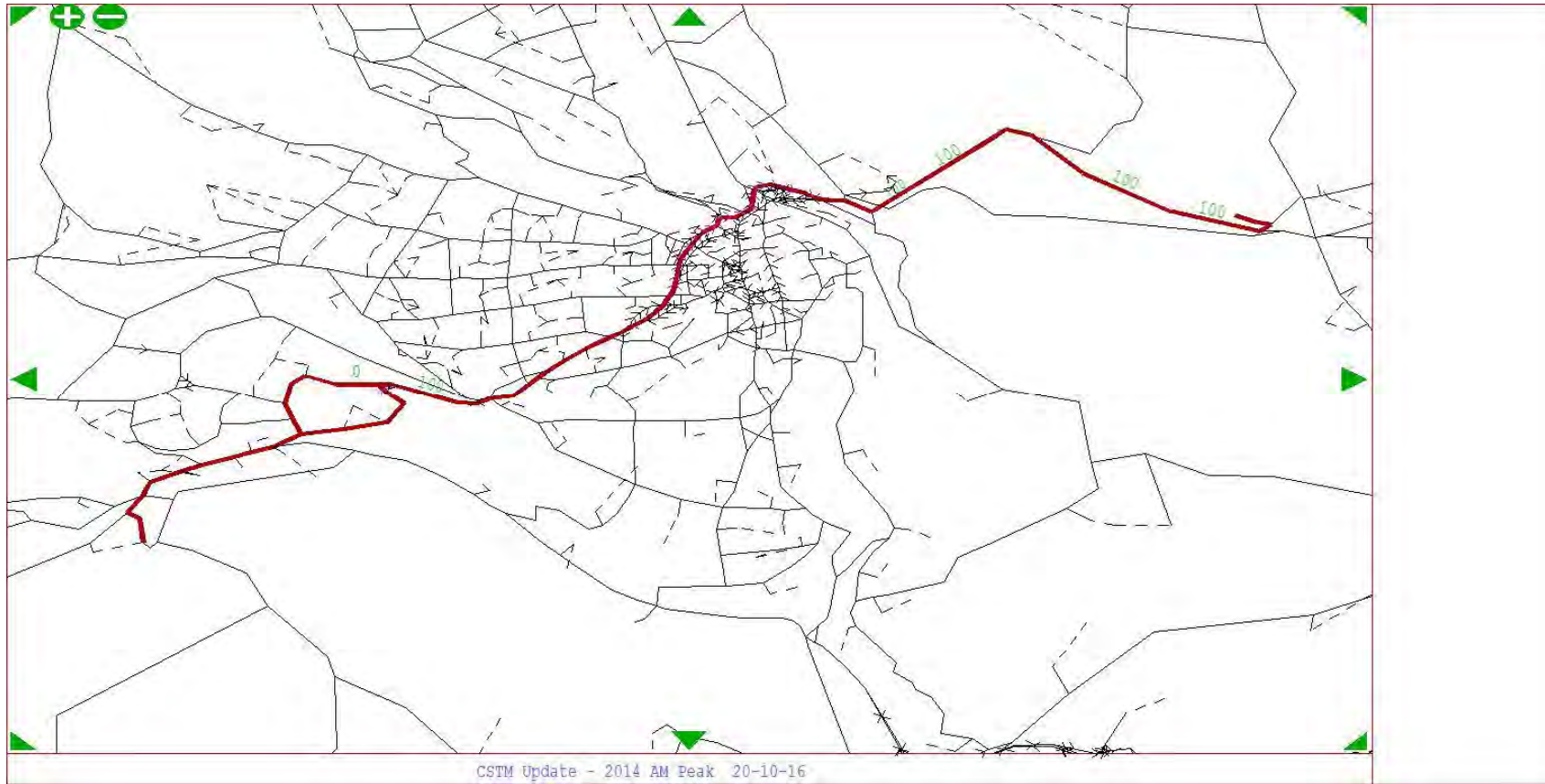
From Zone 124 To Zone 135 - User Class 4



From Zone 124 To Zone 135 - User Class 5



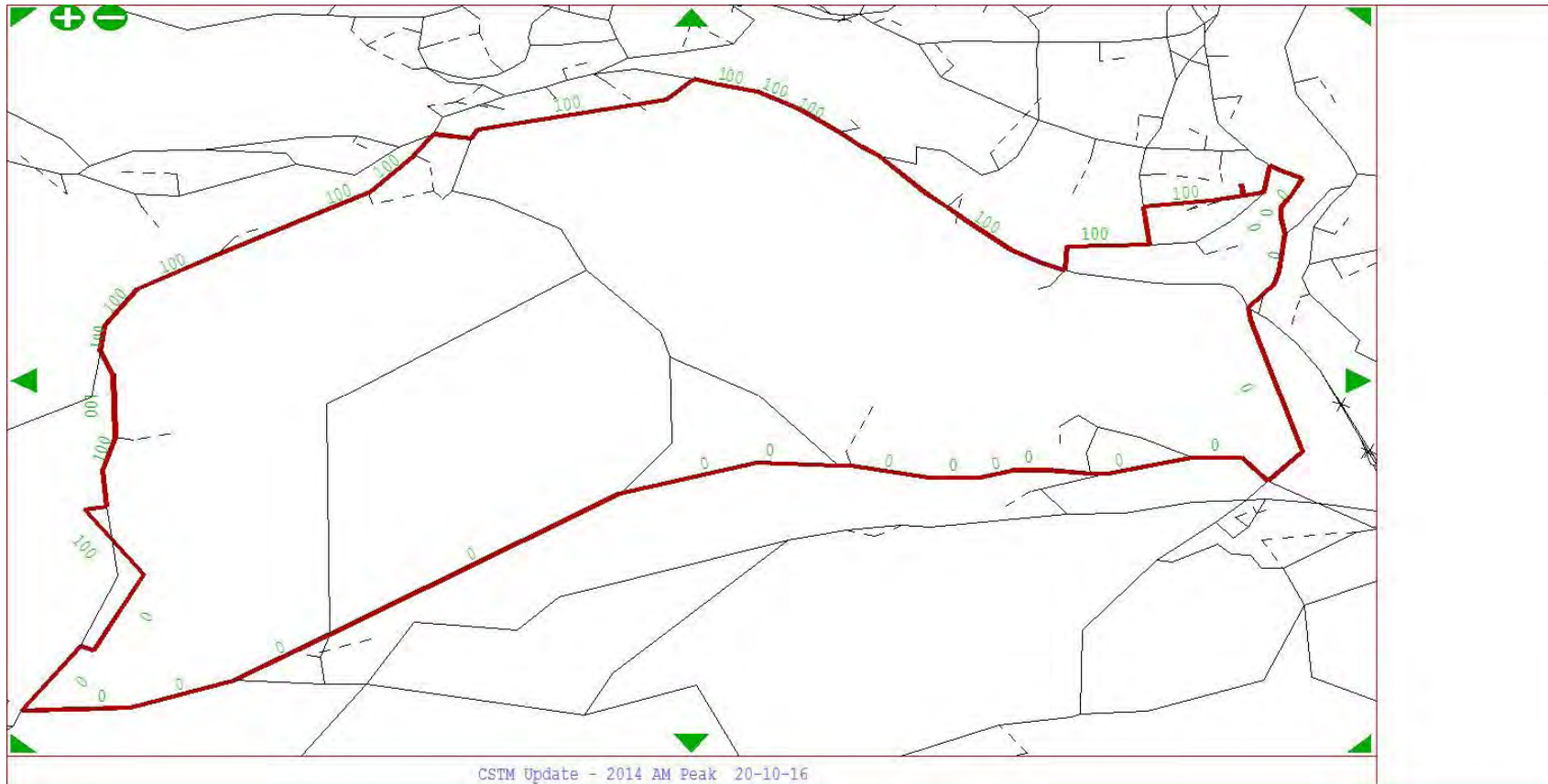
From Zone 124 To Zone 135 - User Class 6



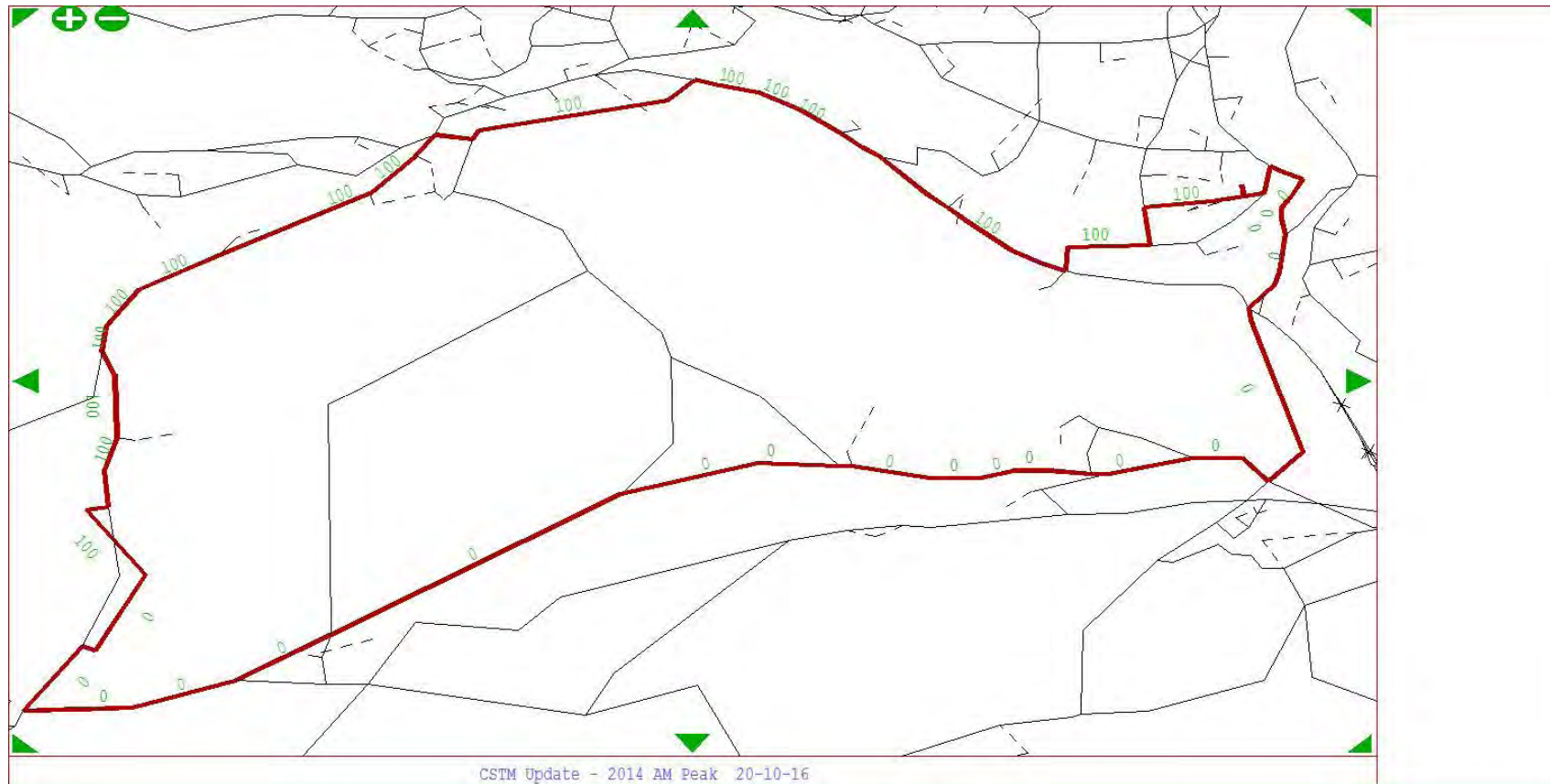


# Ripponden to Calder Royal Hospital

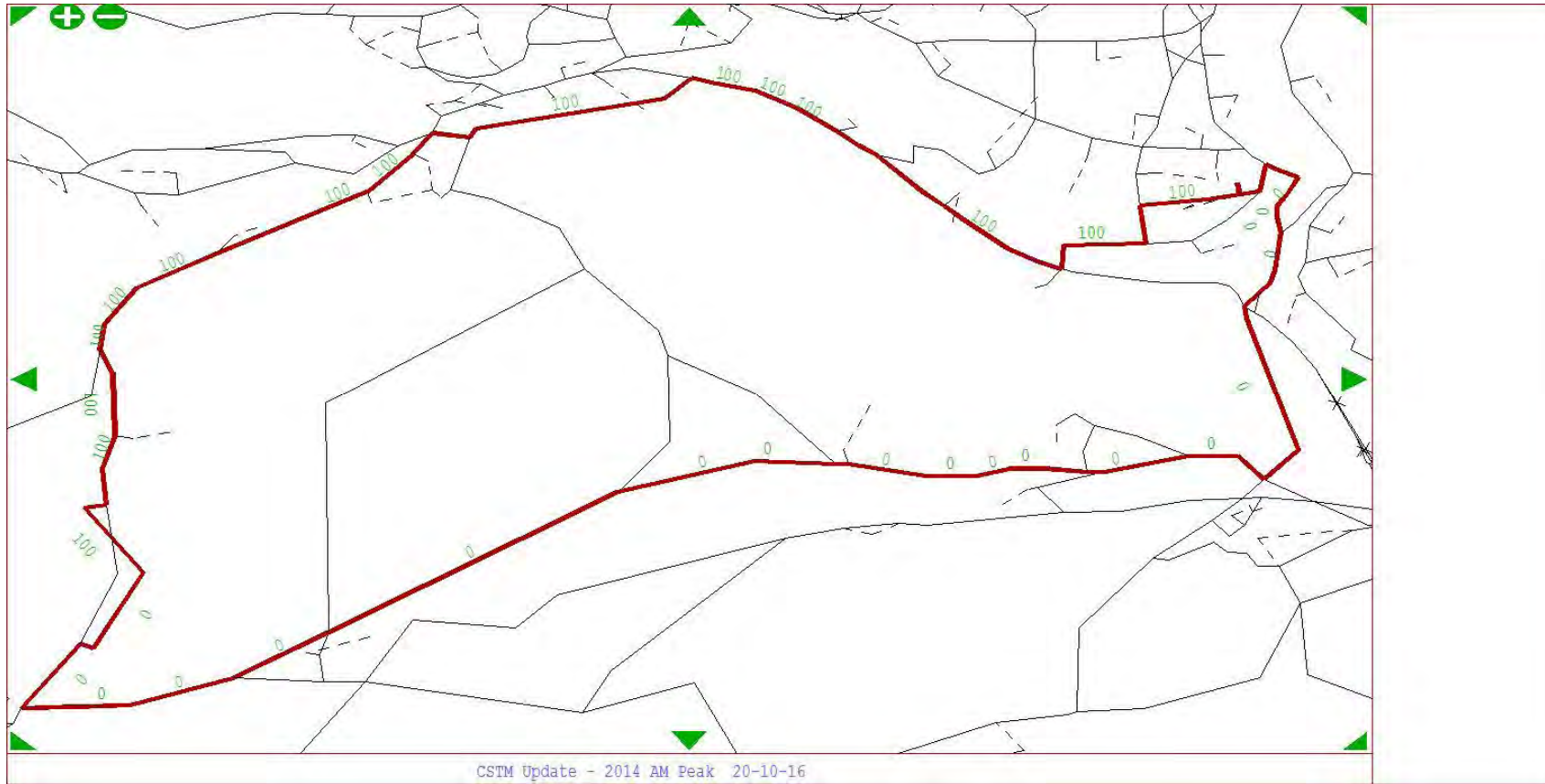
From Zone 214 To Zone 836 - User Class 1



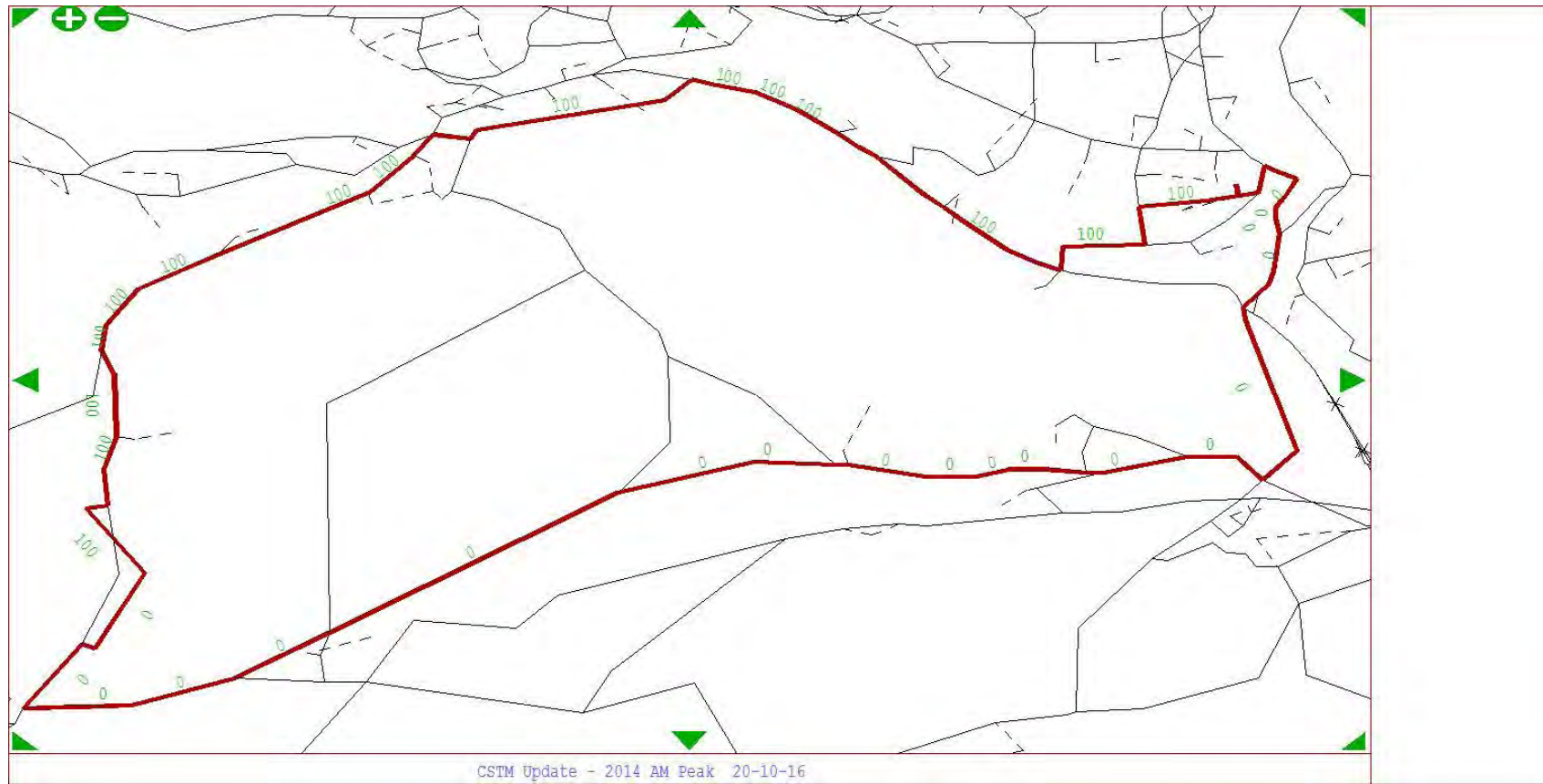
From Zone 214 To Zone 836 - User Class 2



From Zone 214 To Zone 836 - User Class 3

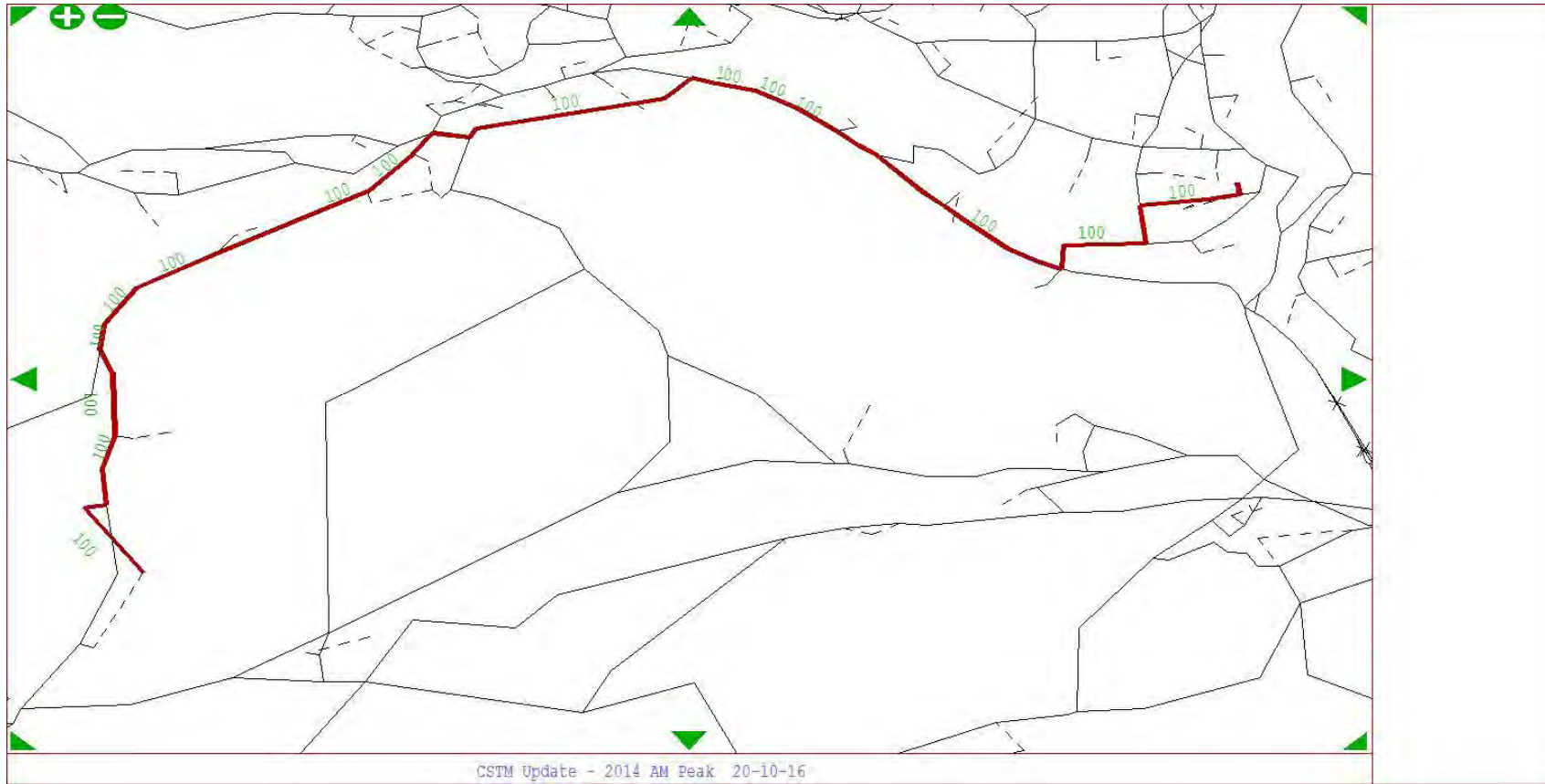


From Zone 214 To Zone 836 - User Class 4

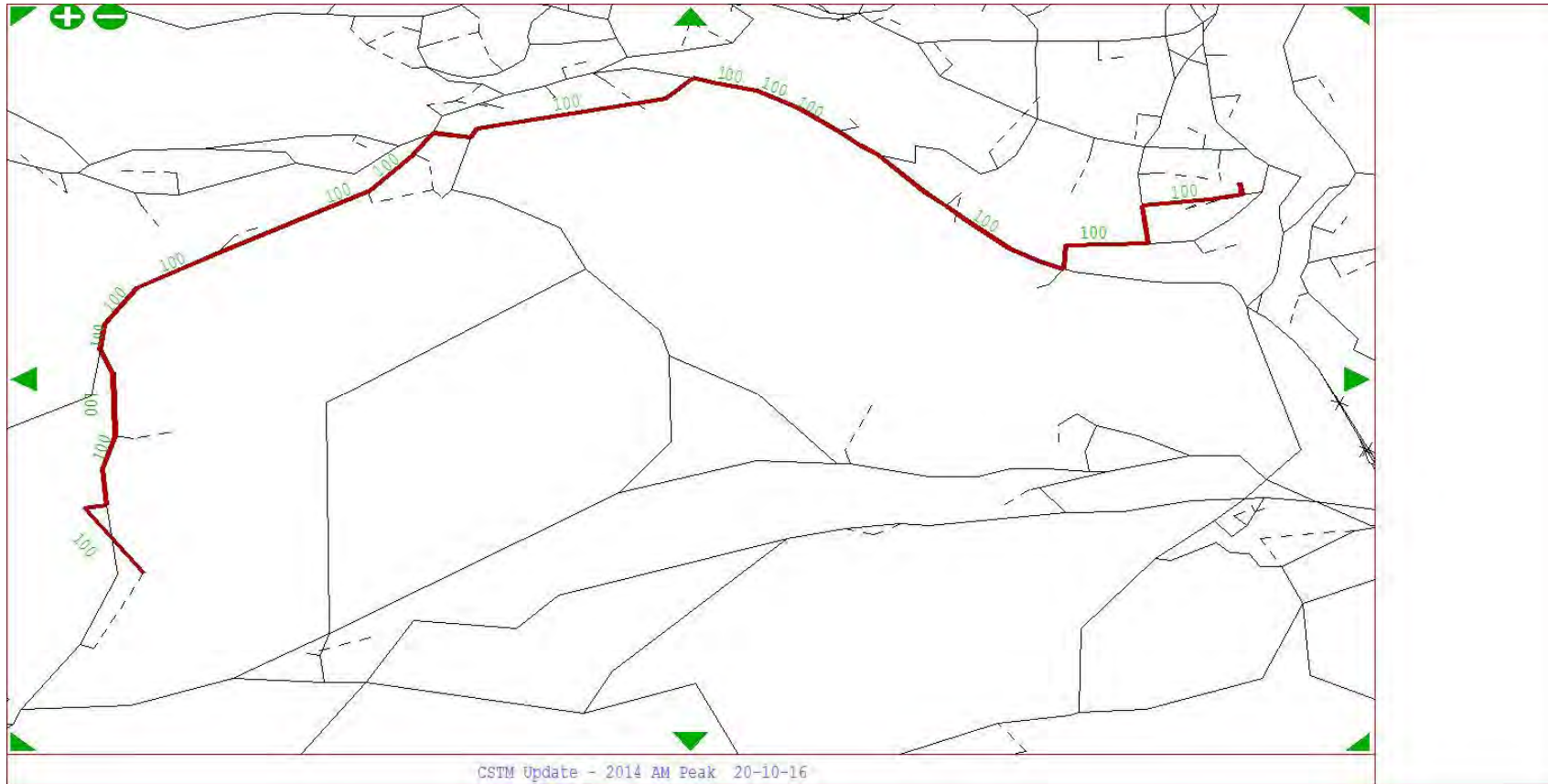




From Zone 214 To Zone 836 - User Class 5

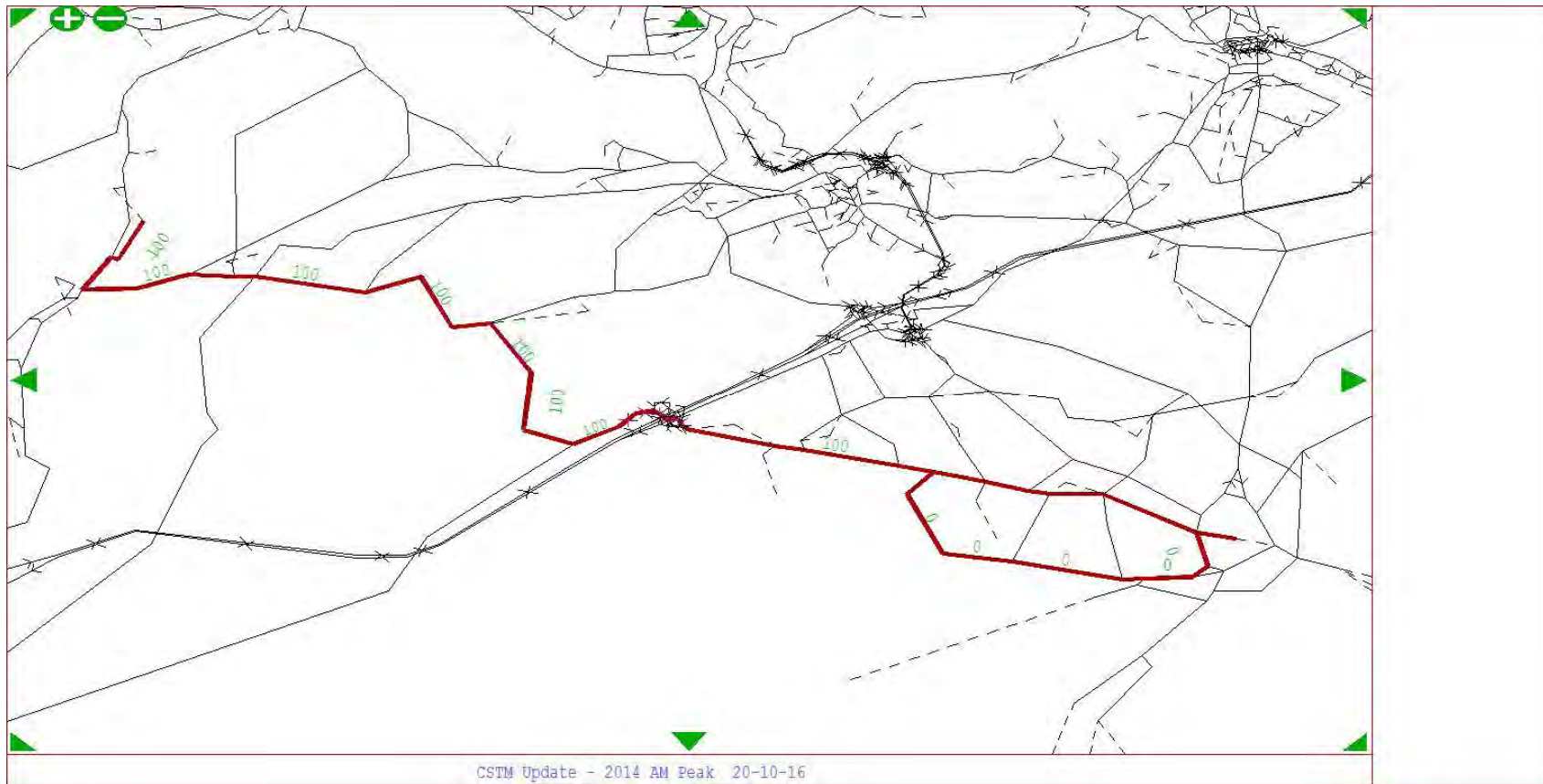


From Zone 214 To Zone 836 - User Class 6



From Zone 214 To Zone 909 - User Class 1

From Zone 214 To Zone 909 - User Class 1



CSTM Update - 2014 AM Peak 20-10-16

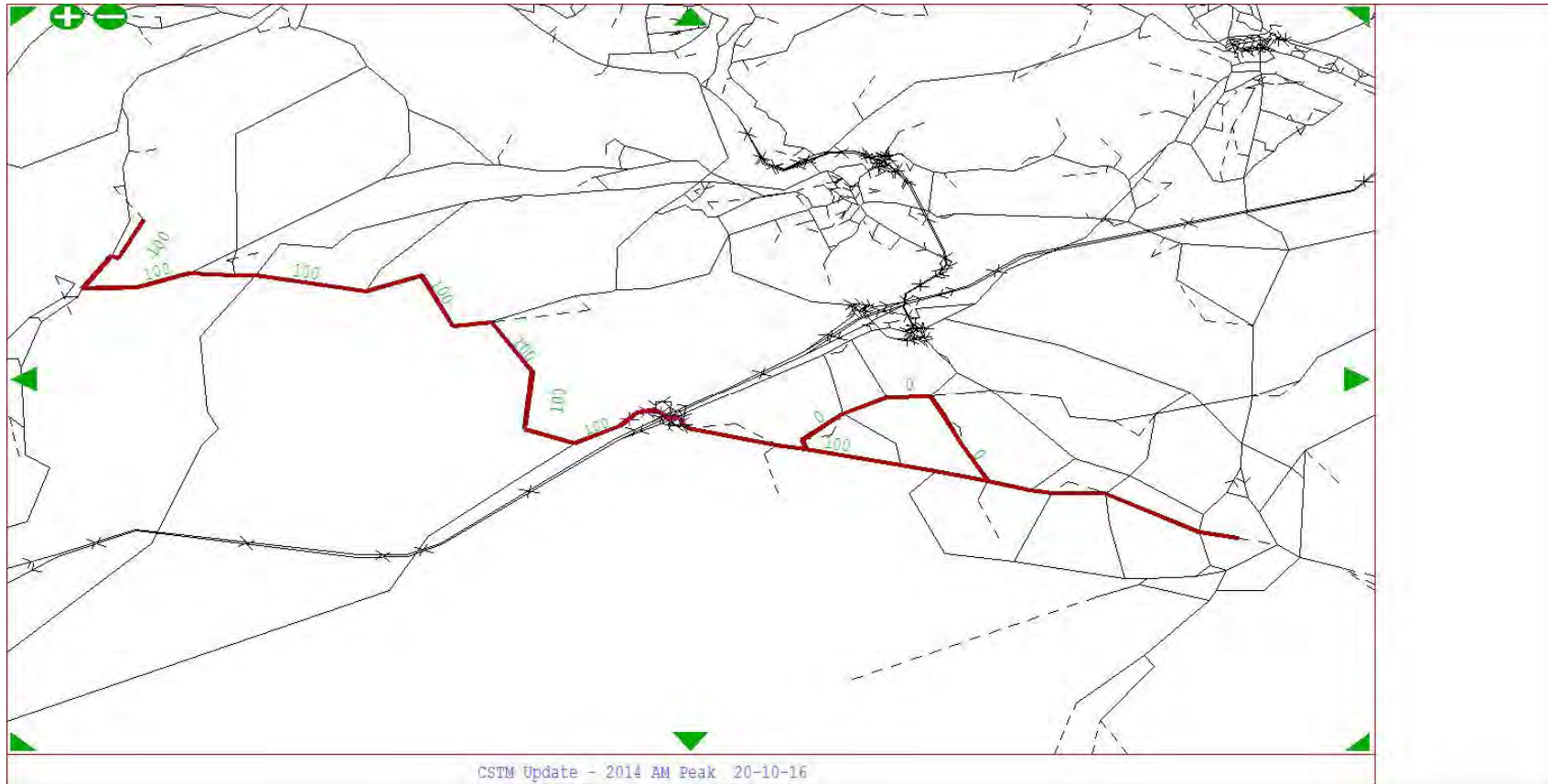


CSTM Update - 2014 AM Peak 20-10-16

CSTM Update - 2014 AM Peak 20-10-16

CSTM Update - 2014 AM Peak 20-10-16

From Zone 214 To Zone 909 - User Class 5

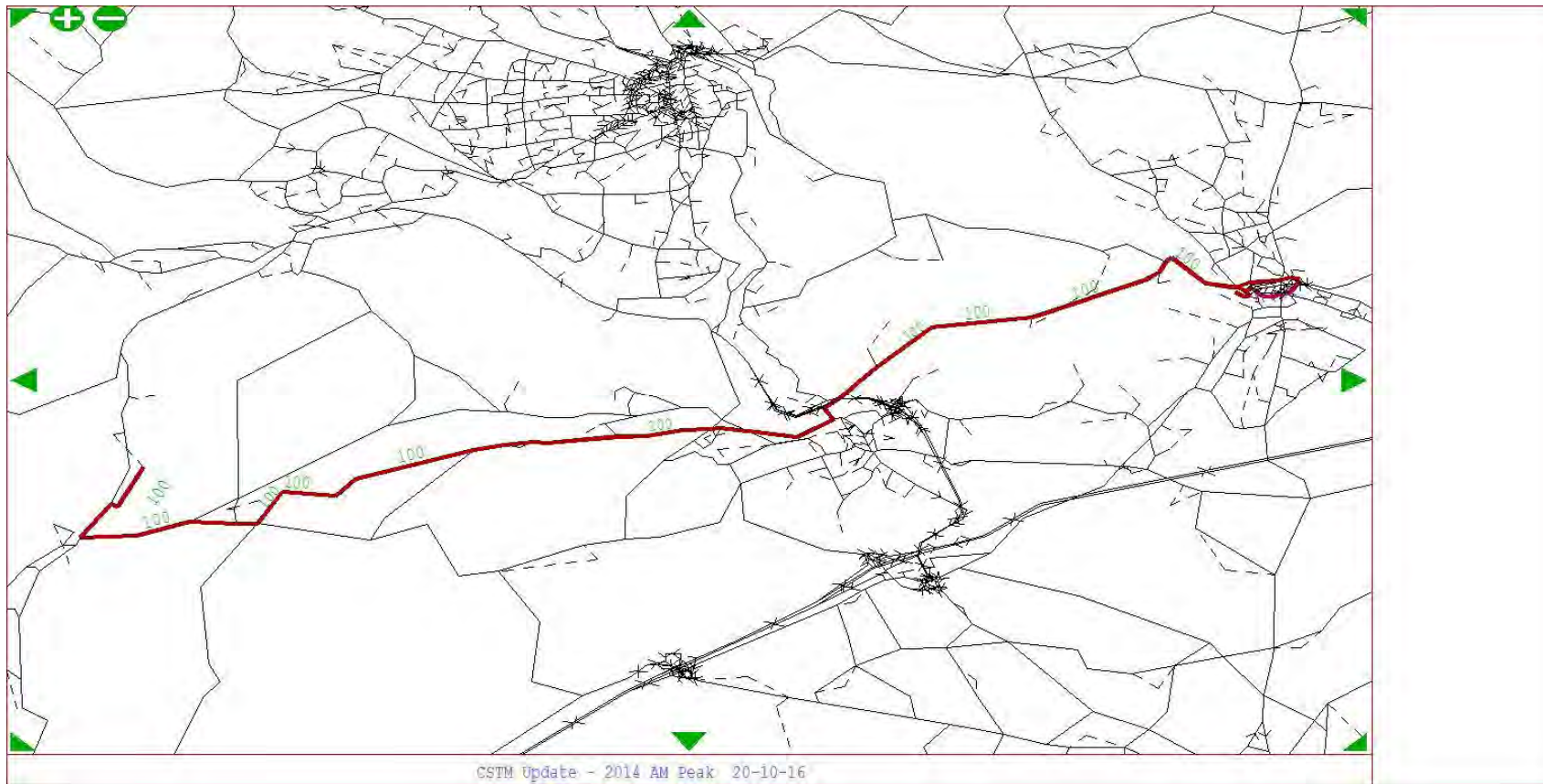


CSTM Update - 2014 AM Peak 20-10-16



From Zone 214 To Zone 162 - User Class 1

From Zone 214 To Zone 162 - User Class 1

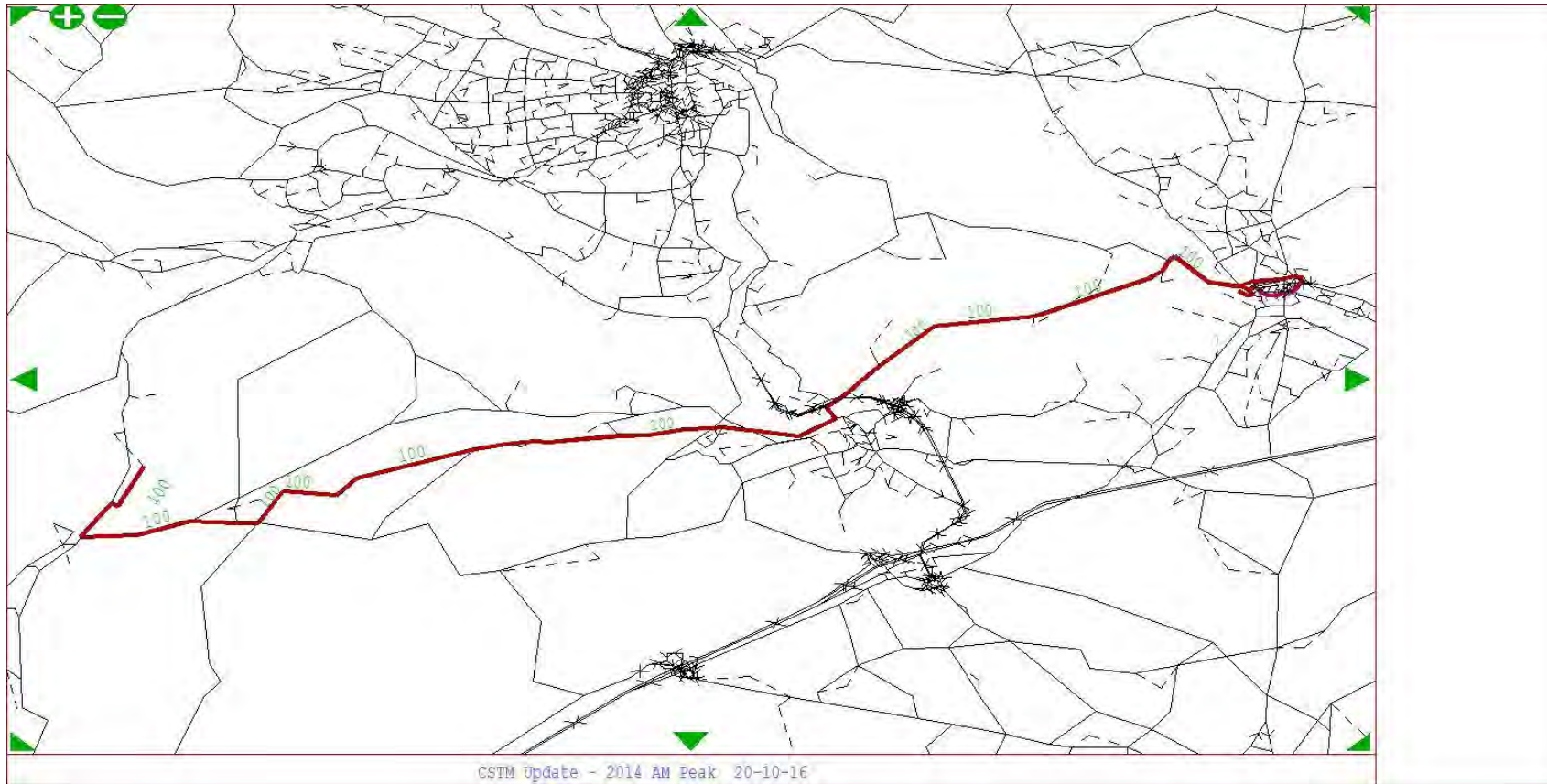


CSTM Update - 2014 AM Peak 20-10-16

CSTM Update - 2014 AM Peak 20-10-16

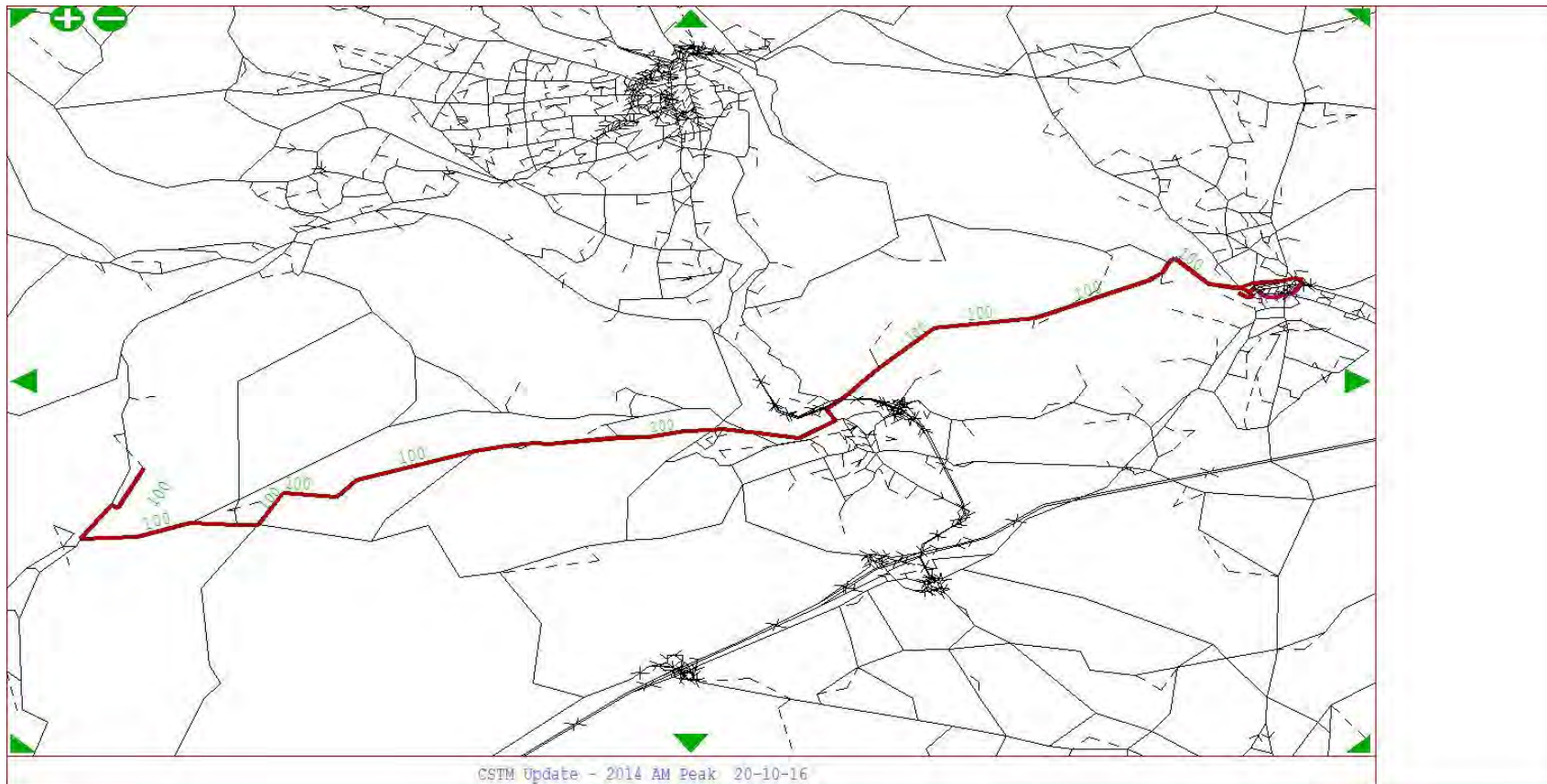


From Zone 214 To Zone 162 - User Class 4





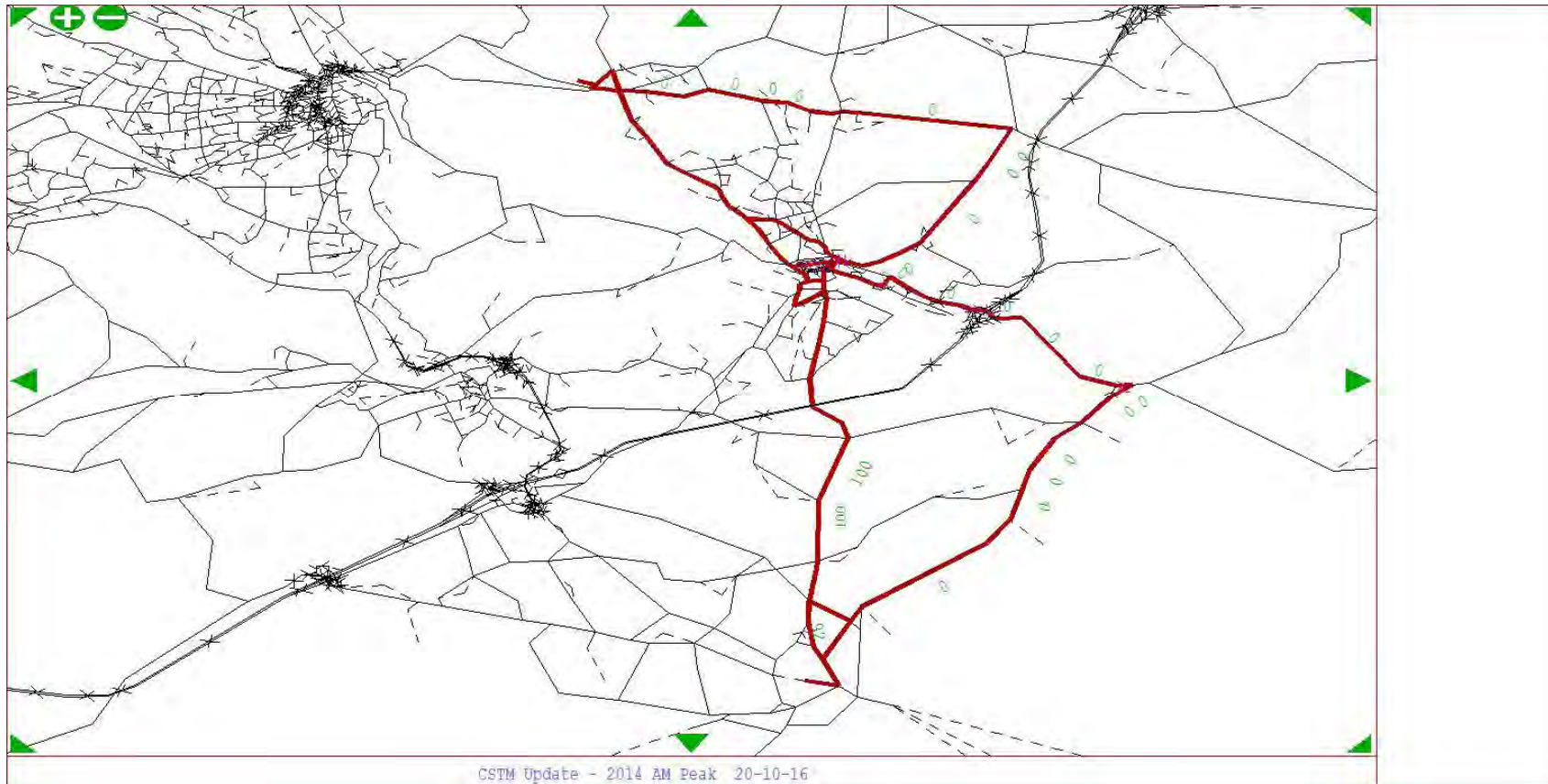
From Zone 214 To Zone 162 - User Class 5



CSTM Update - 2014 AM Peak 20-10-16

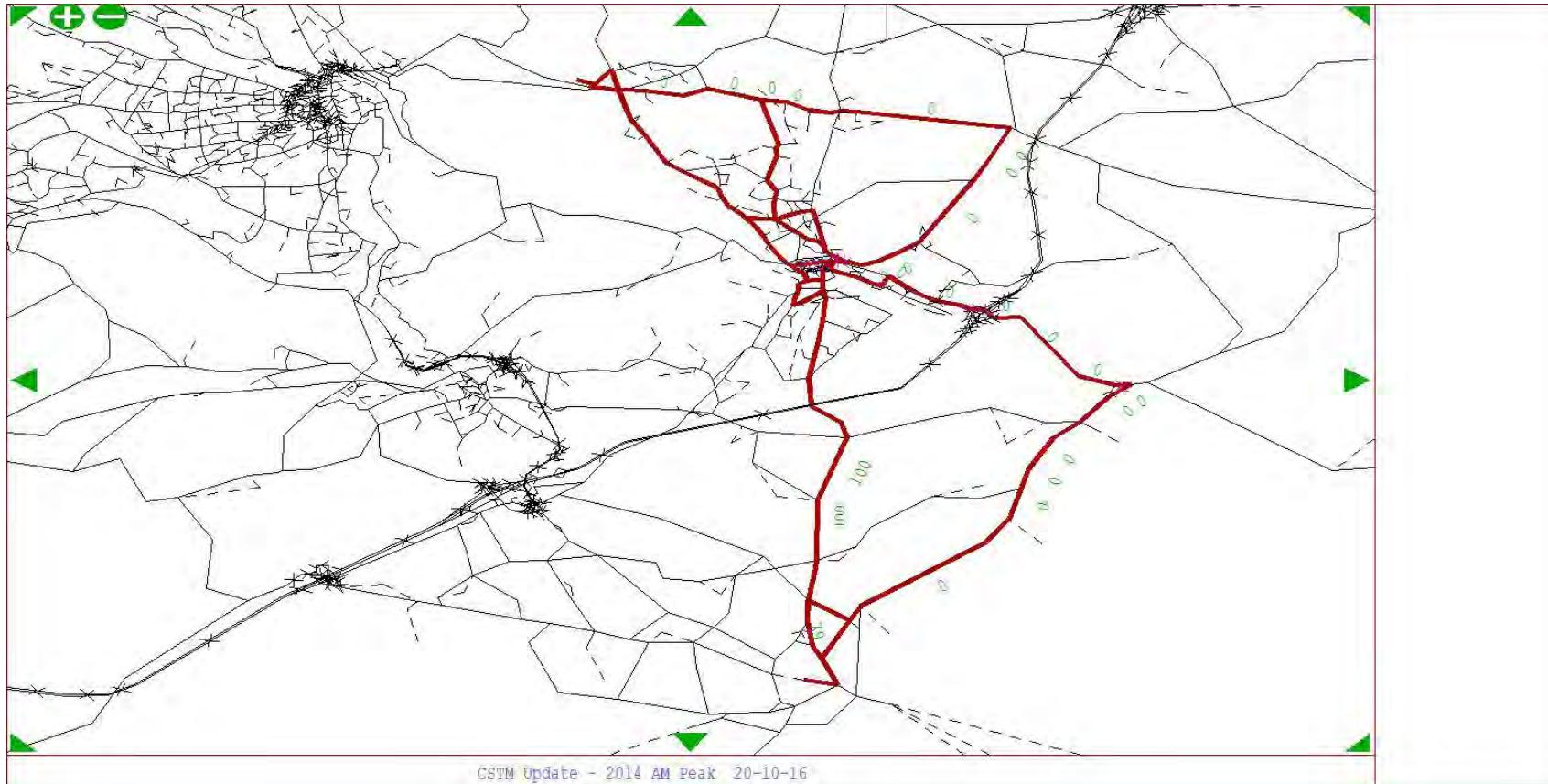
# Hipperholme to Huddersfield

From Zone 135 To Zone 909 - User Class 1



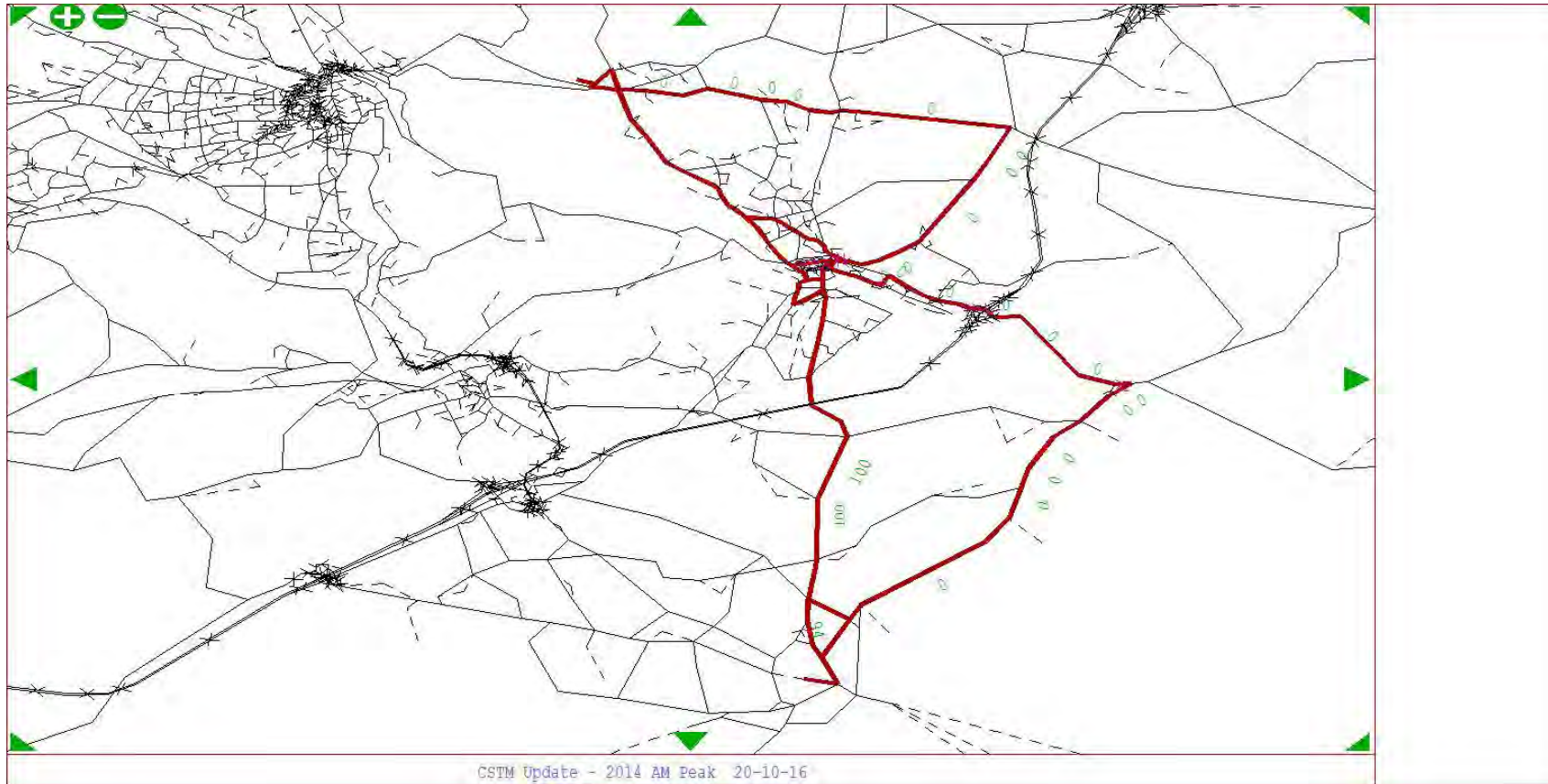


From Zone 135 To Zone 909 - User Class 2

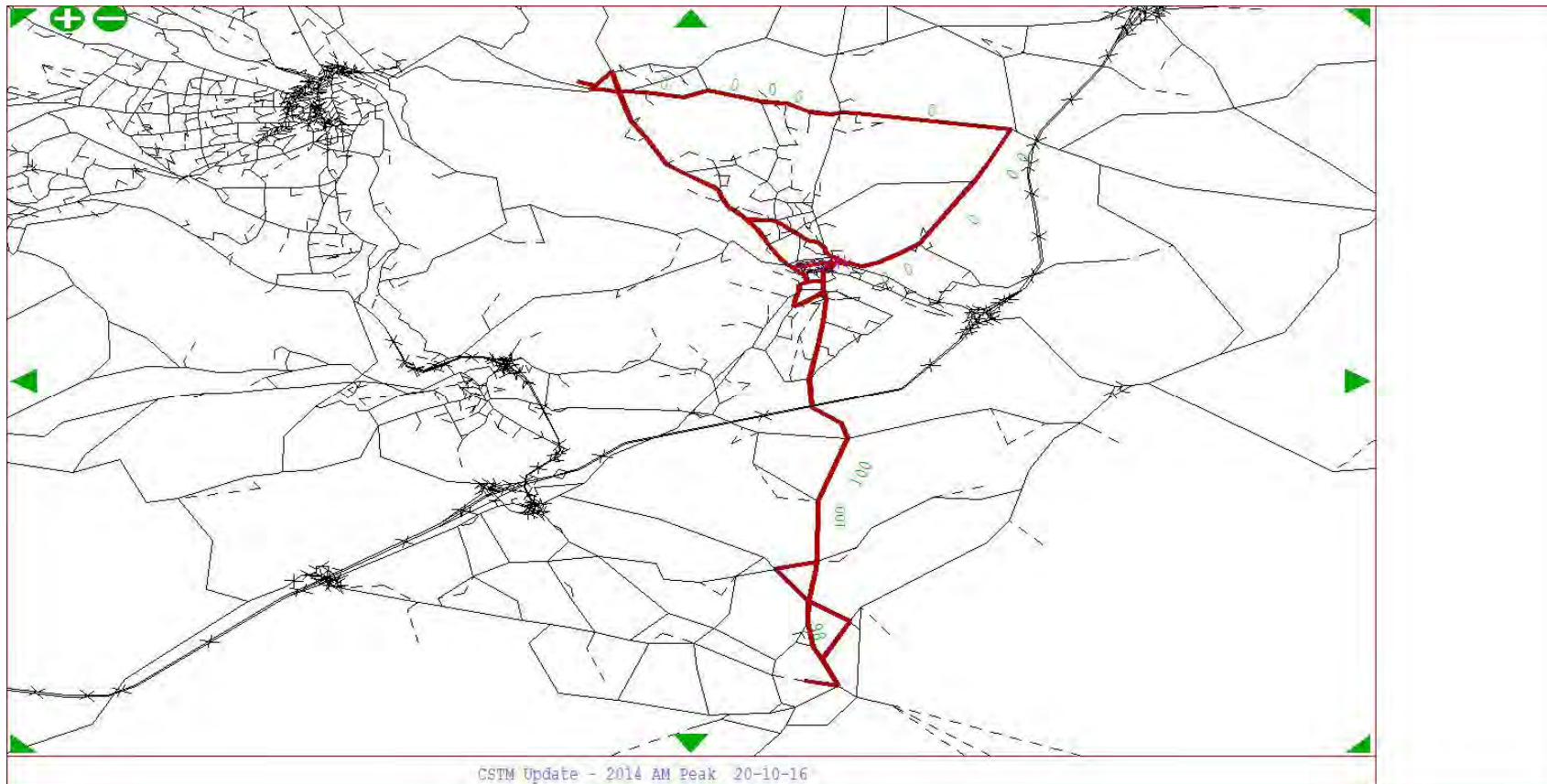




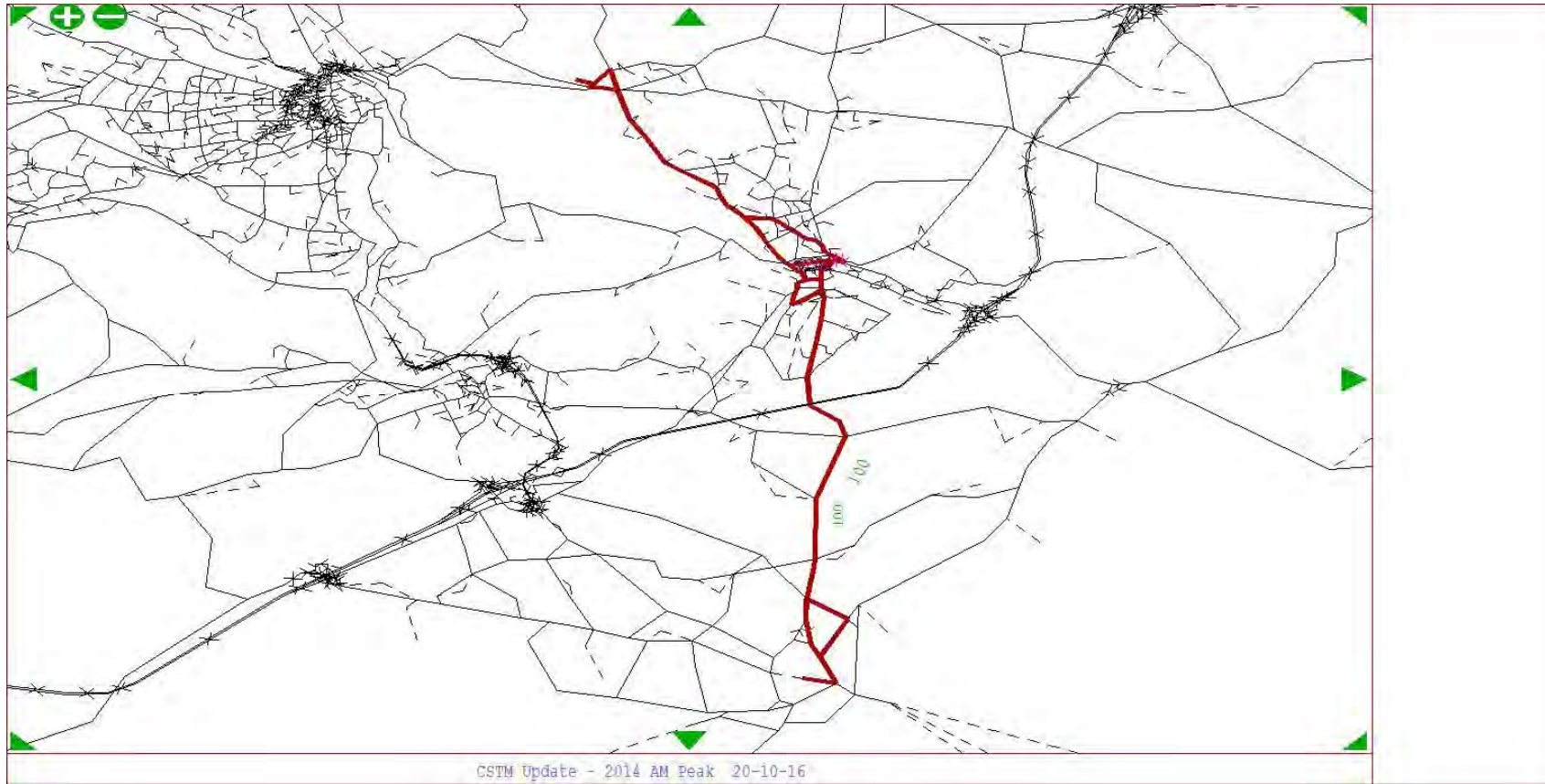
From Zone 135 To Zone 909 - User Class 3



From Zone 135 To Zone 909 - User Class 4

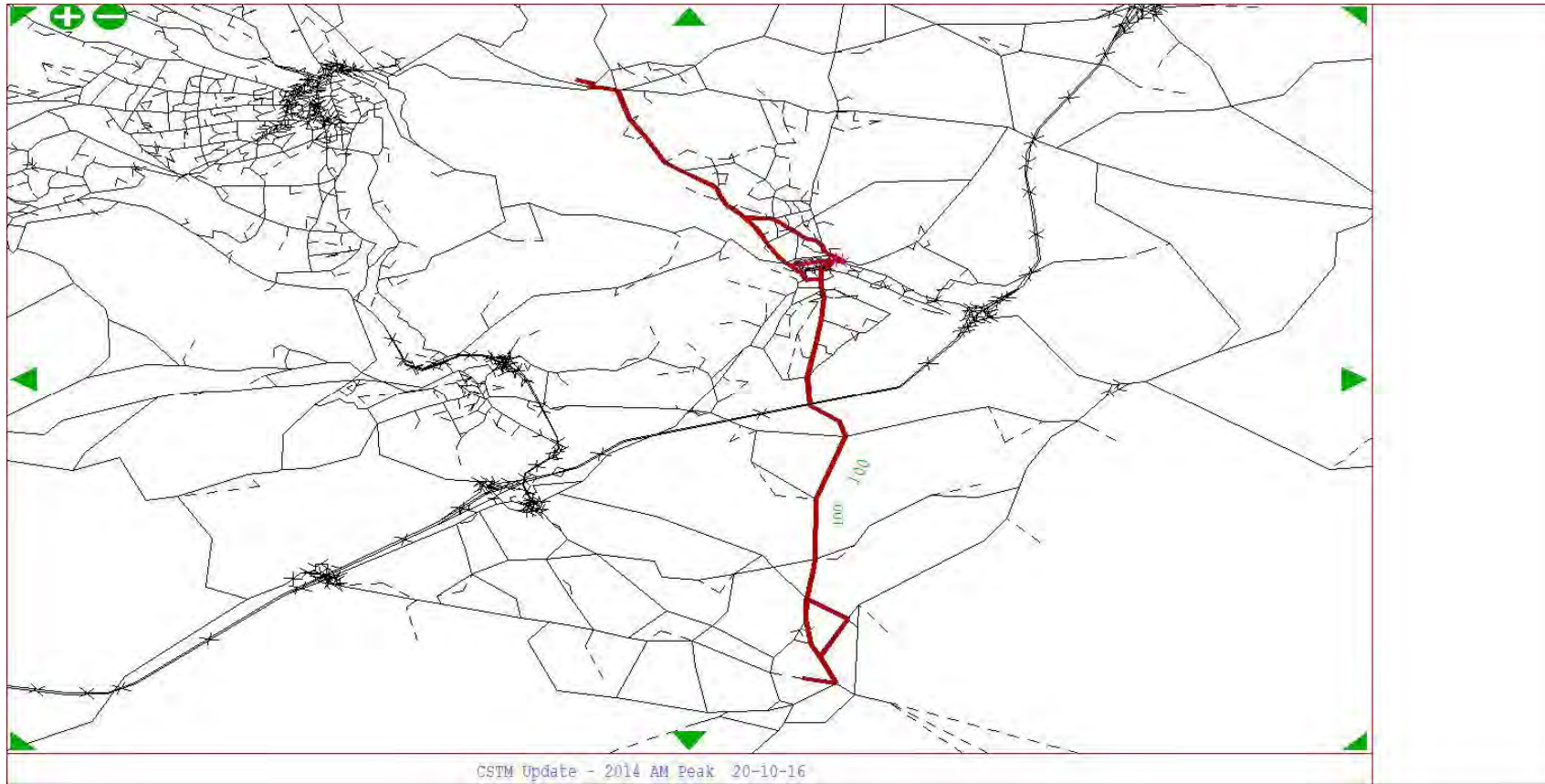


From Zone 135 To Zone 909 - User Class 5





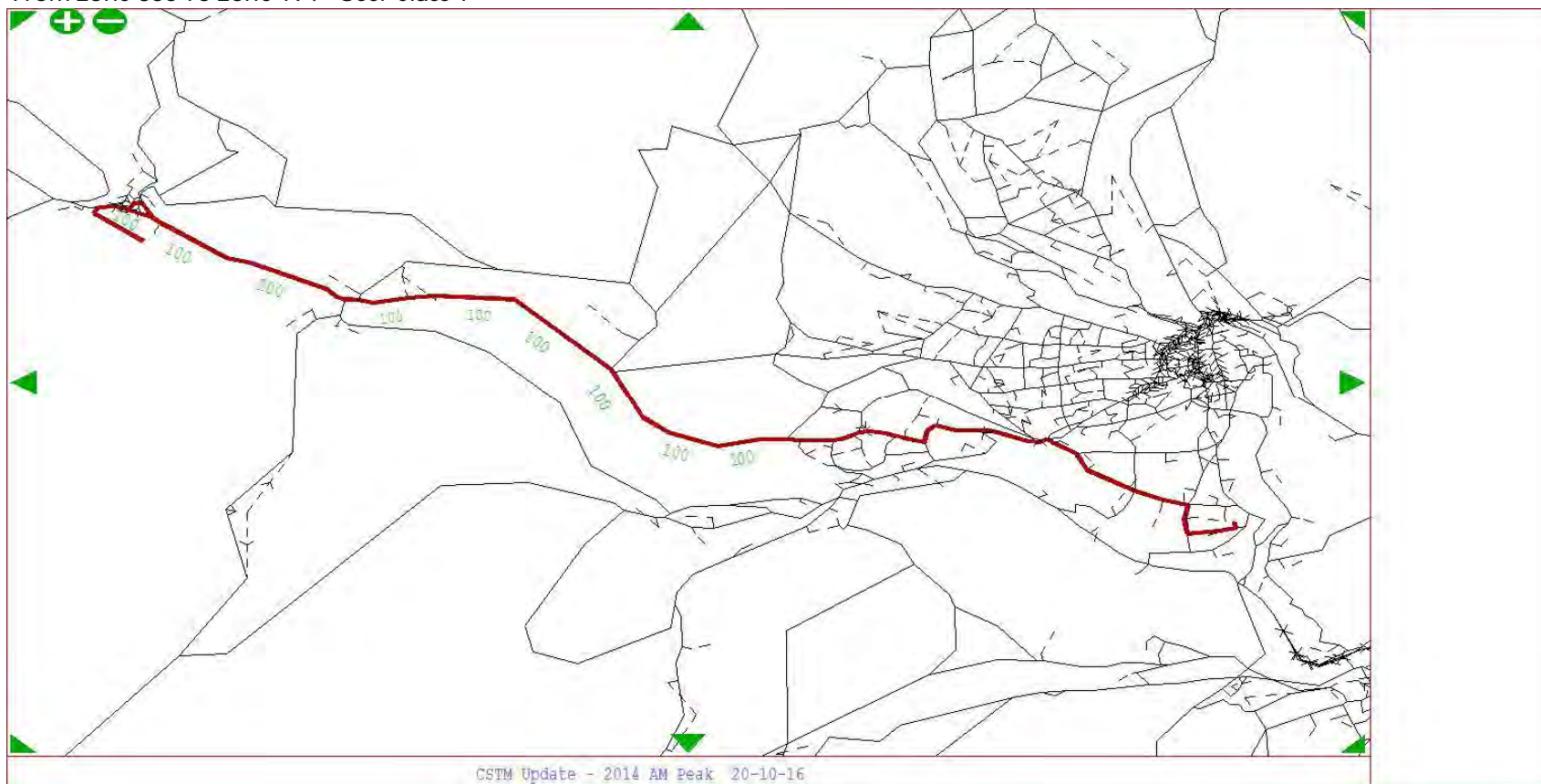
From Zone 135 To Zone 909 - User Class 6



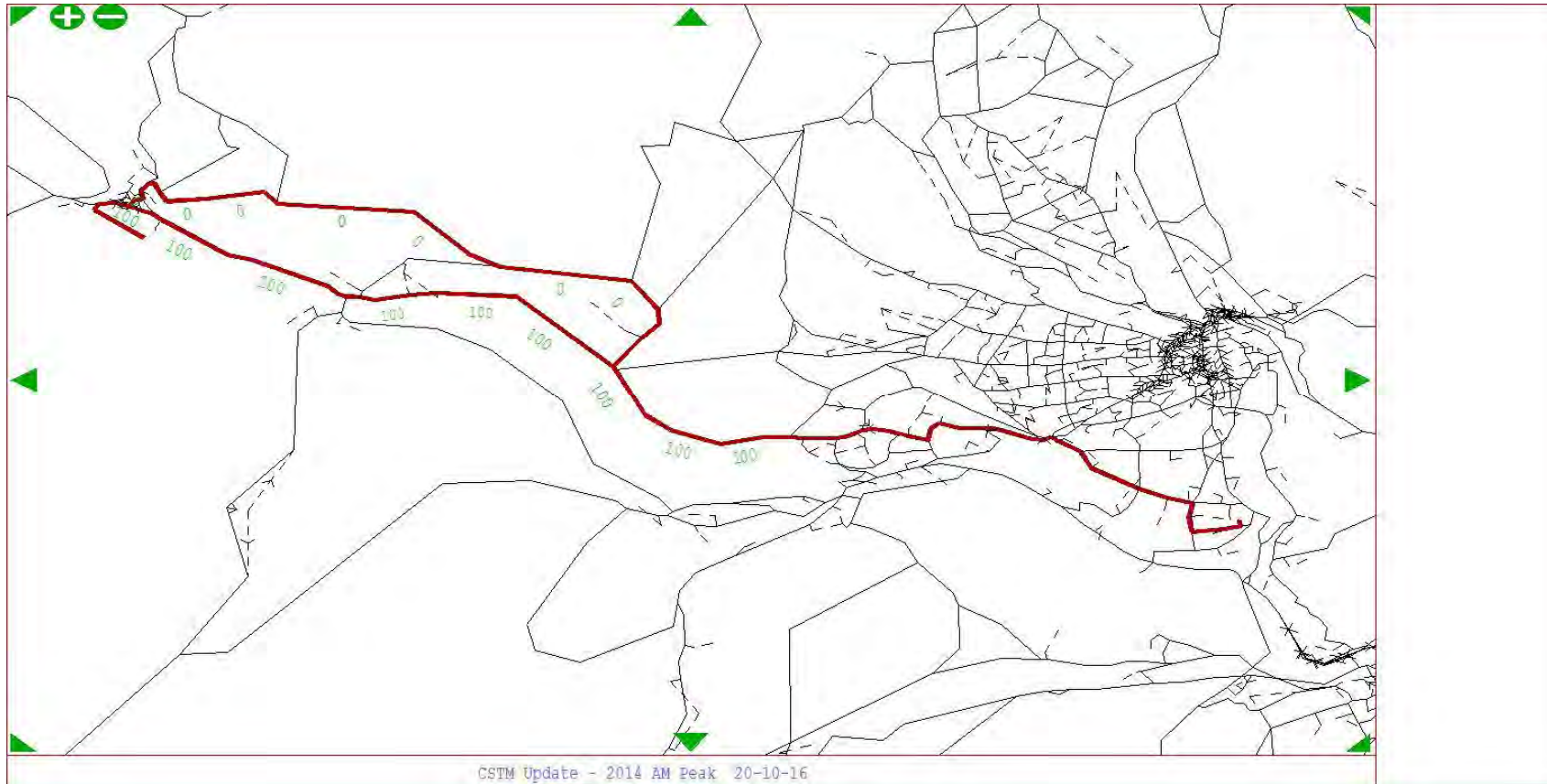


From Zone 836 To Zone 194 - User Class 1

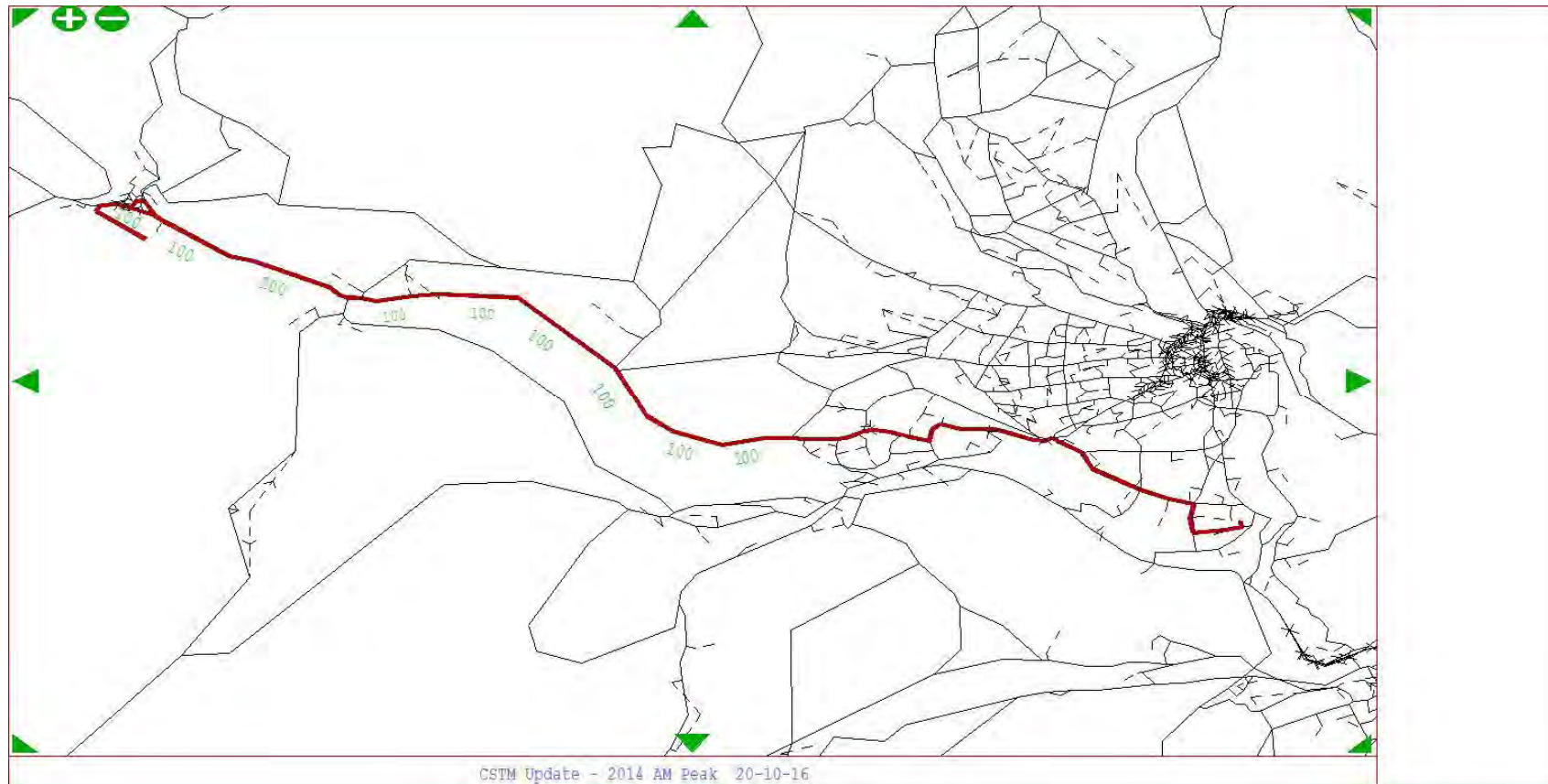
From Zone 836 To Zone 194 - User Class 1



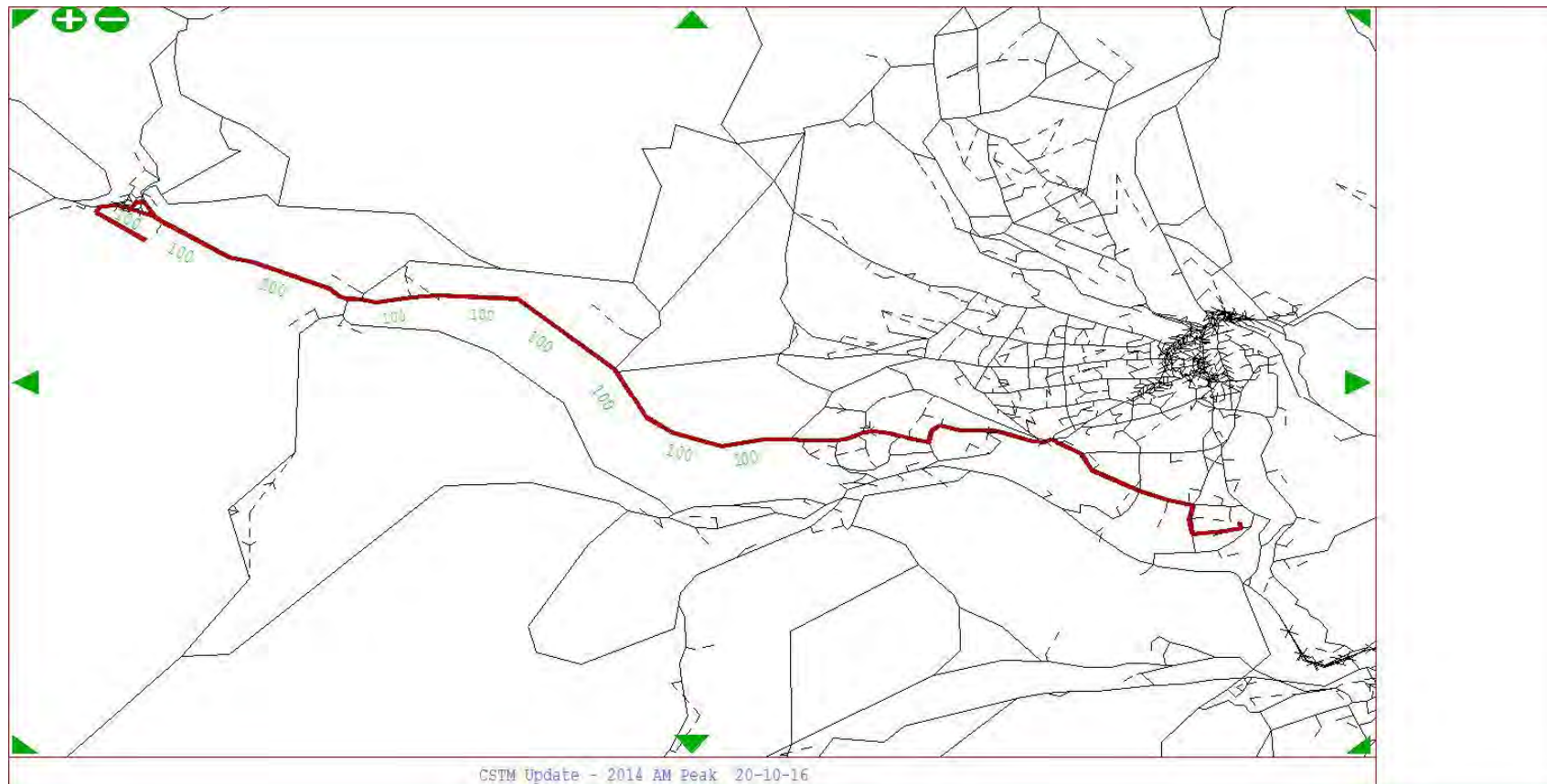
From Zone 836 To Zone 194 - User Class 2



From Zone 836 To Zone 194 - User Class 3

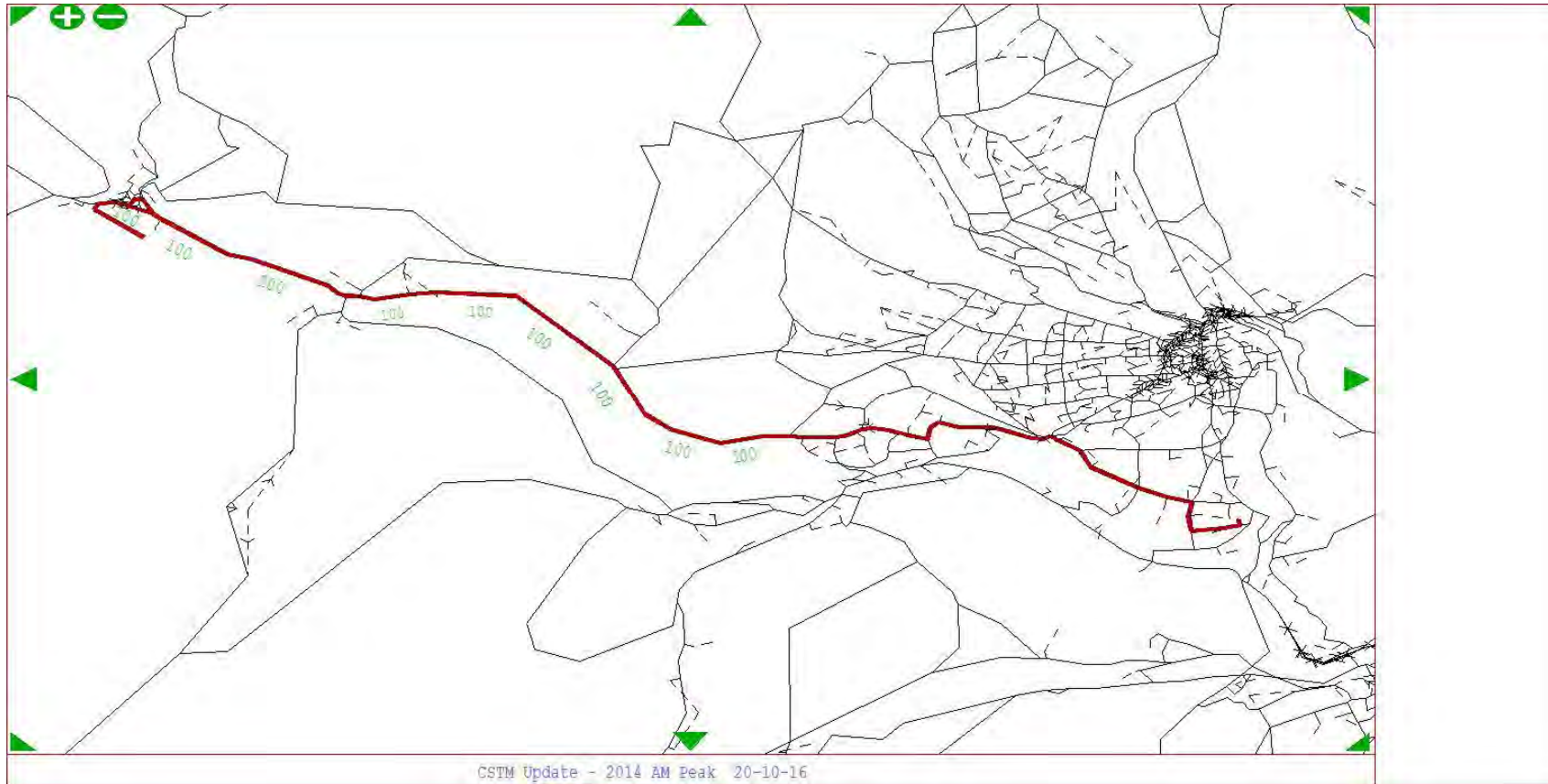


From Zone 836 To Zone 194 - User Class 4

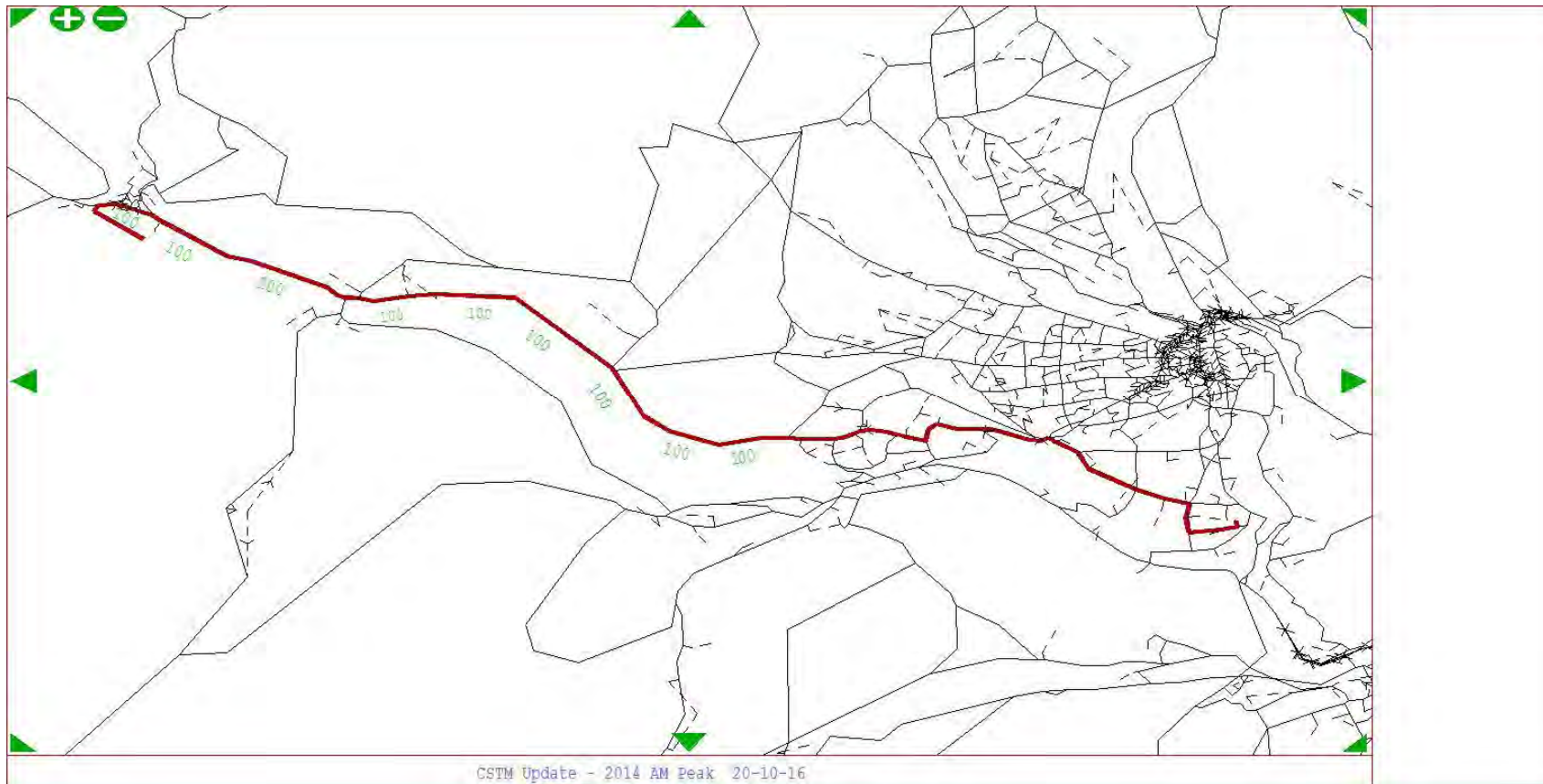




From Zone 836 To Zone 194 - User Class 5

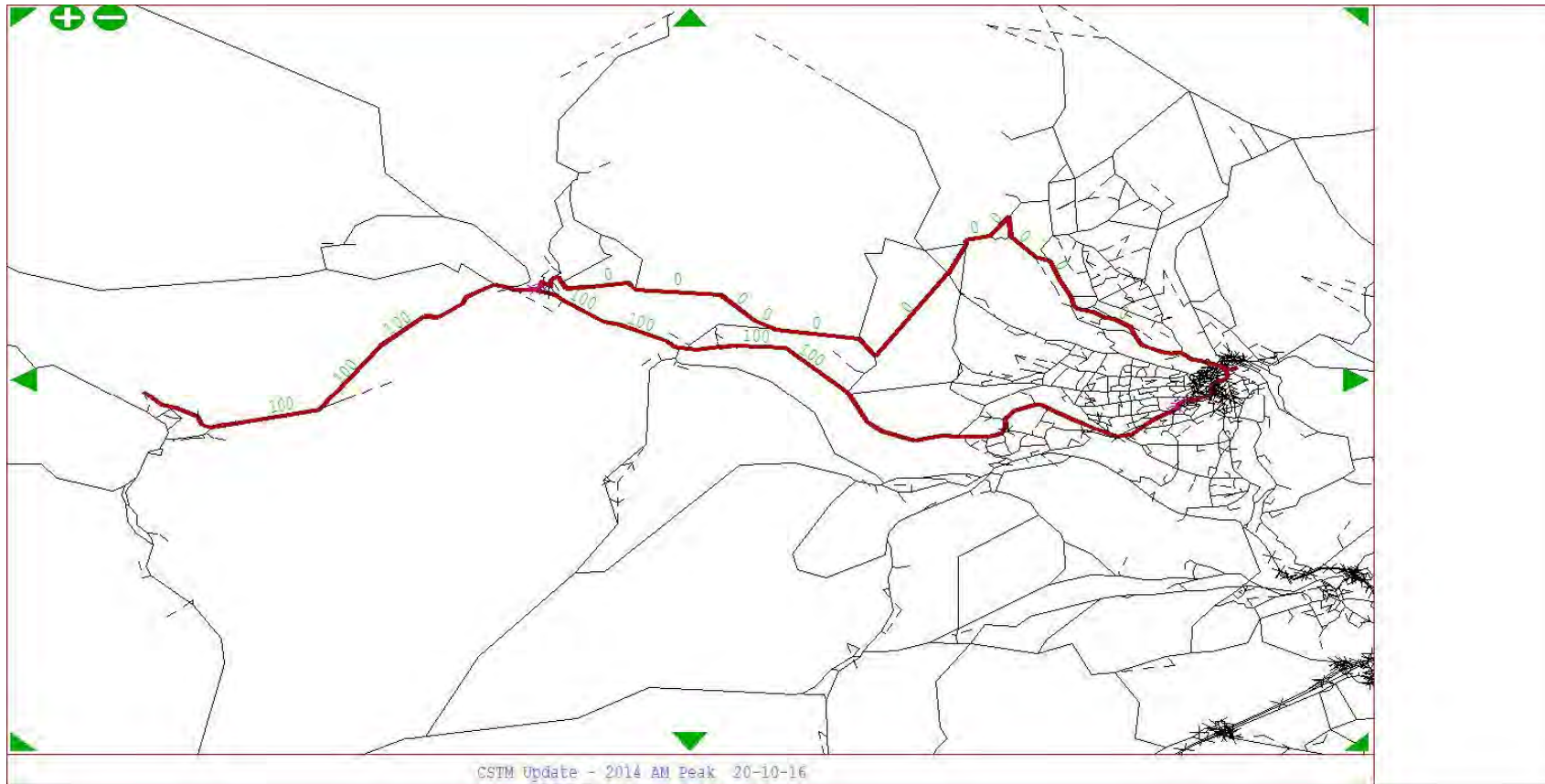


From Zone 836 To Zone 194 - User Class 6



### From Zone 210 To Zone 111 - User Class 1

### From Zone 210 To Zone 111 - User Class 1

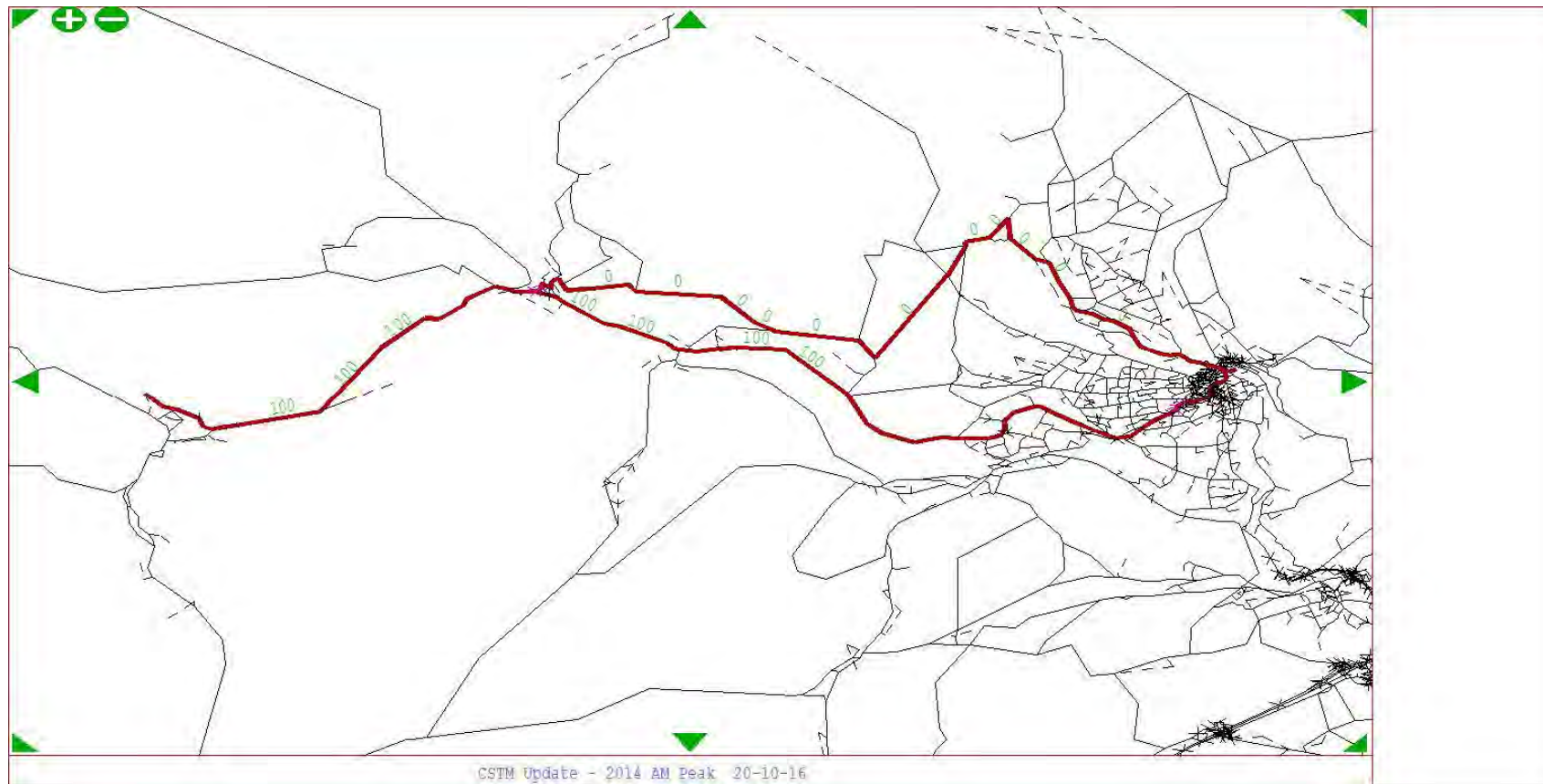


From Zone 210 To Zone 111 - User Class 2

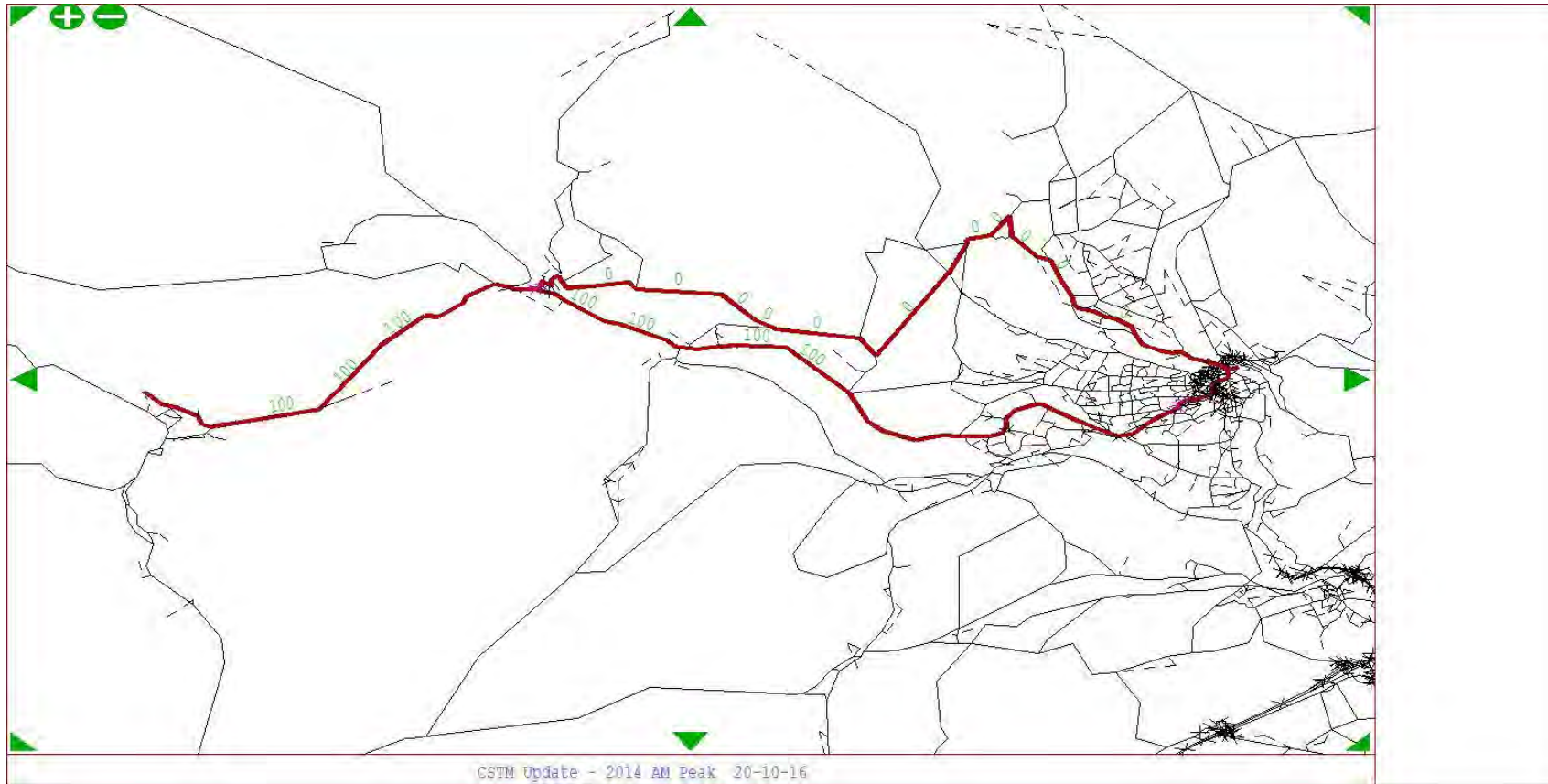




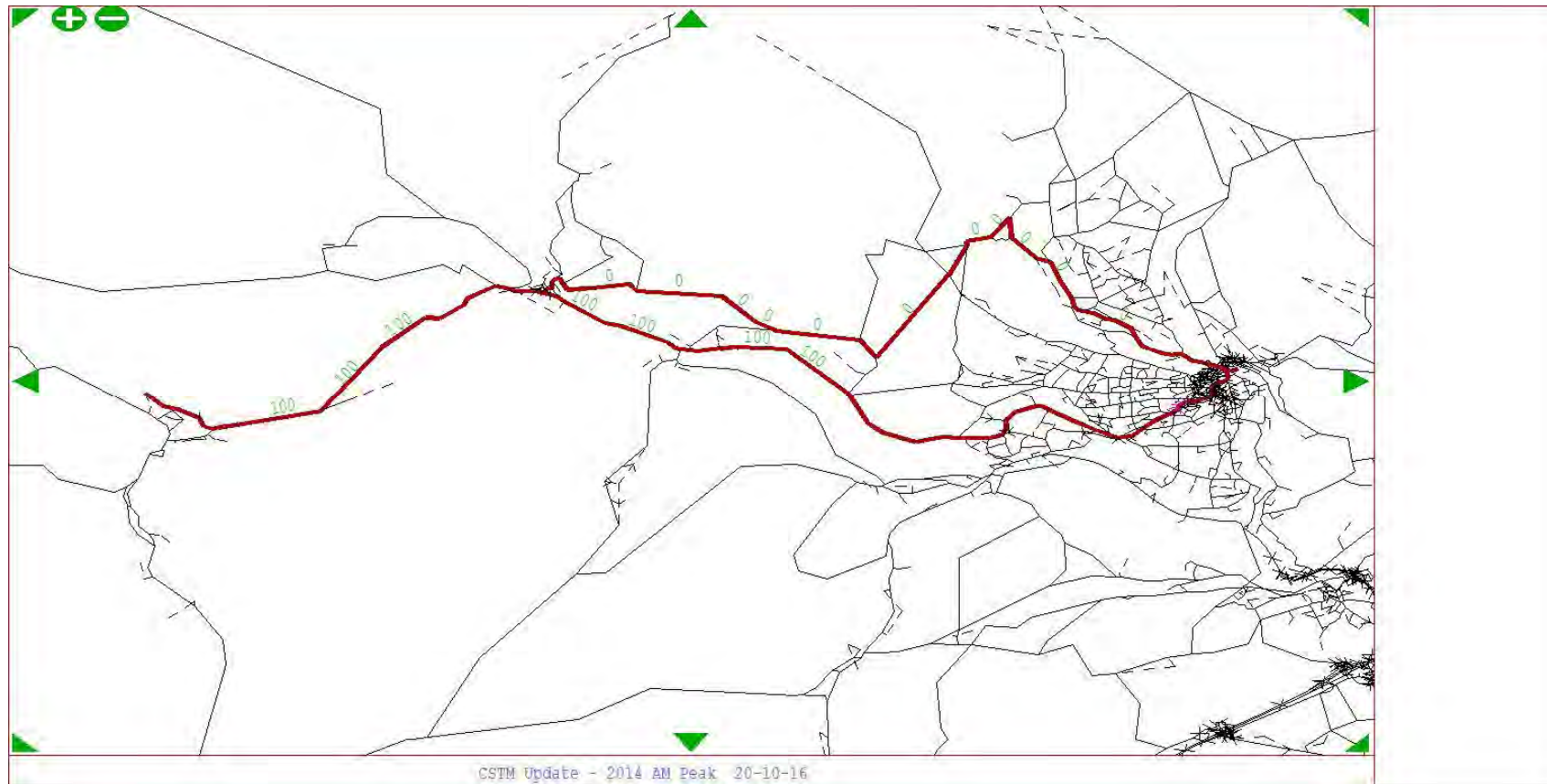
From Zone 210 To Zone 111 - User Class 3



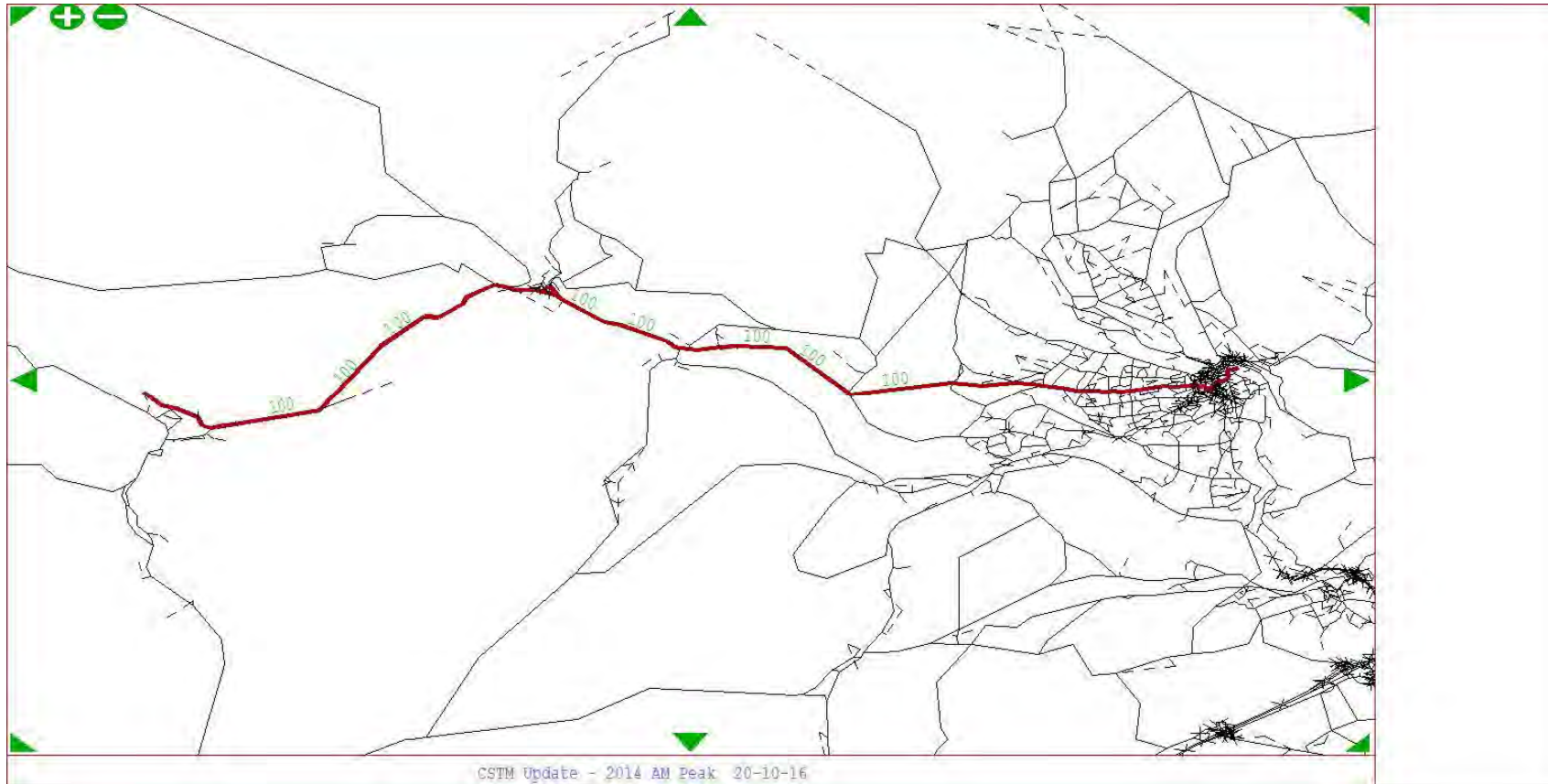
From Zone 210 To Zone 111 - User Class 4



From Zone 210 To Zone 111 - User Class 5



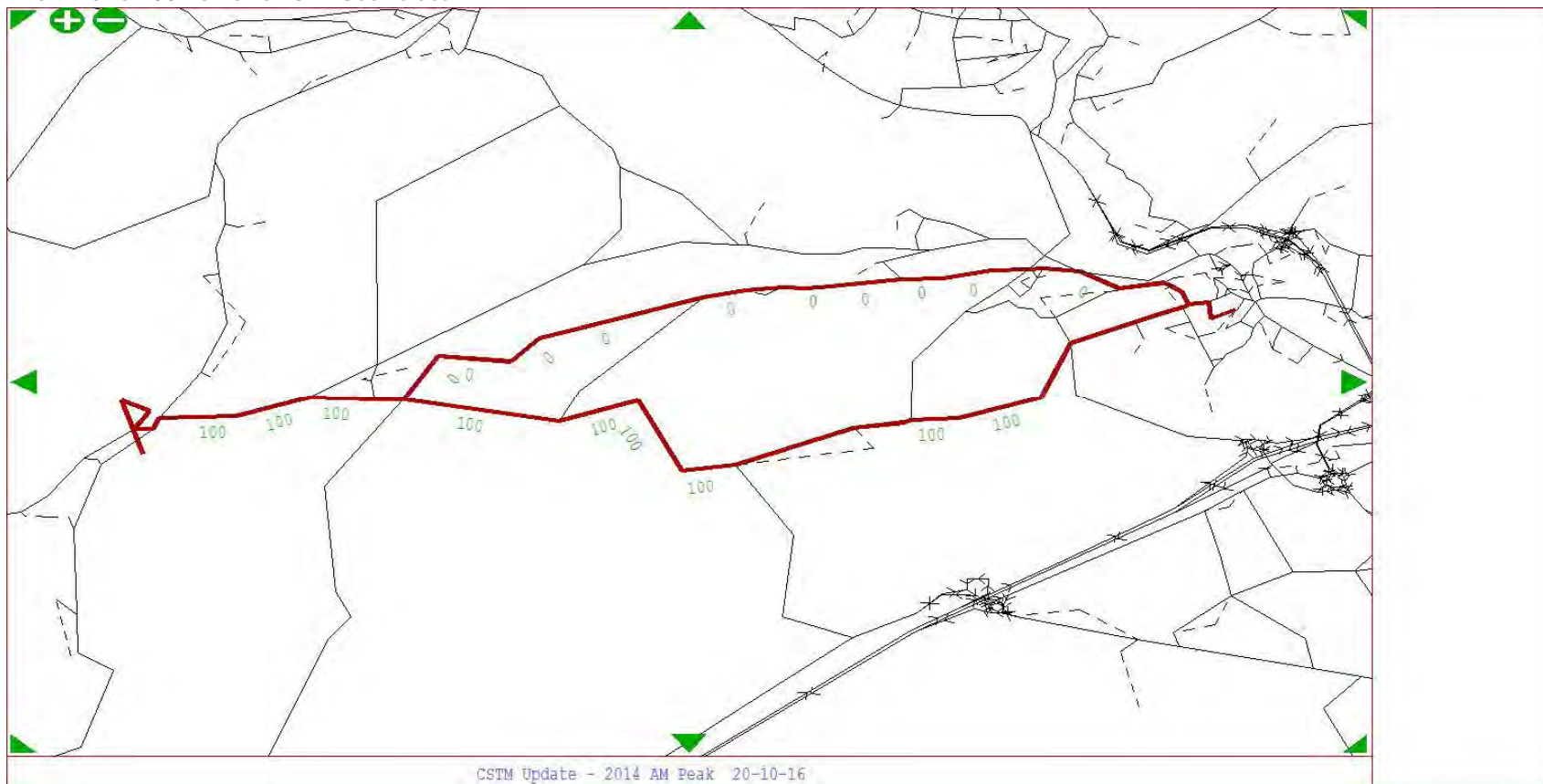
From Zone 210 To Zone 111 - User Class 6





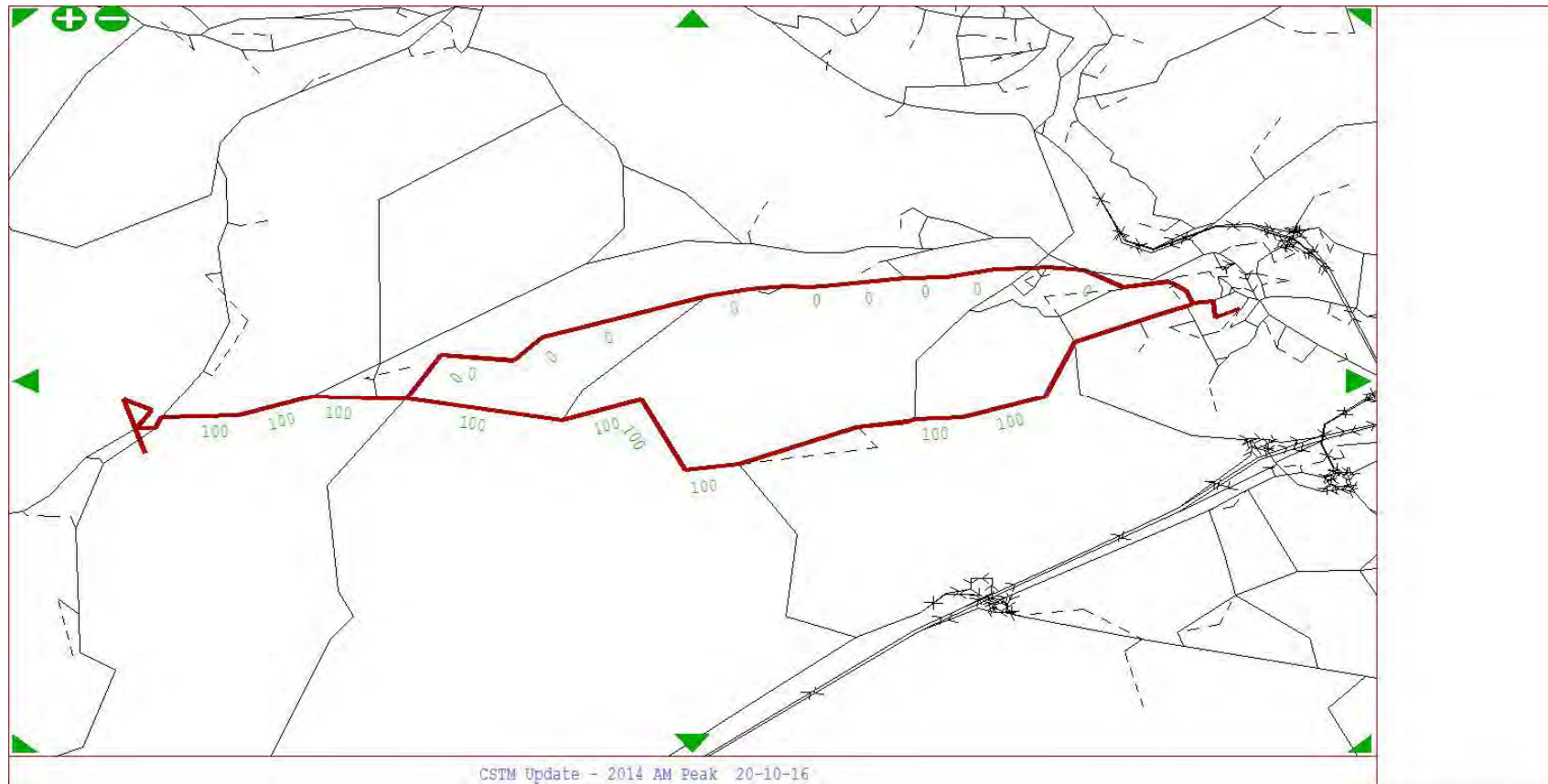
From Zone 188 To Zone 237 - User Class 1

From Zone 188 To Zone 237 - User Class 1



CSTM Update - 2014 AM Peak 20-10-16

From Zone 188 To Zone 237 - User Class 3



CSTM Update - 2014 AM Peak 20-10-16

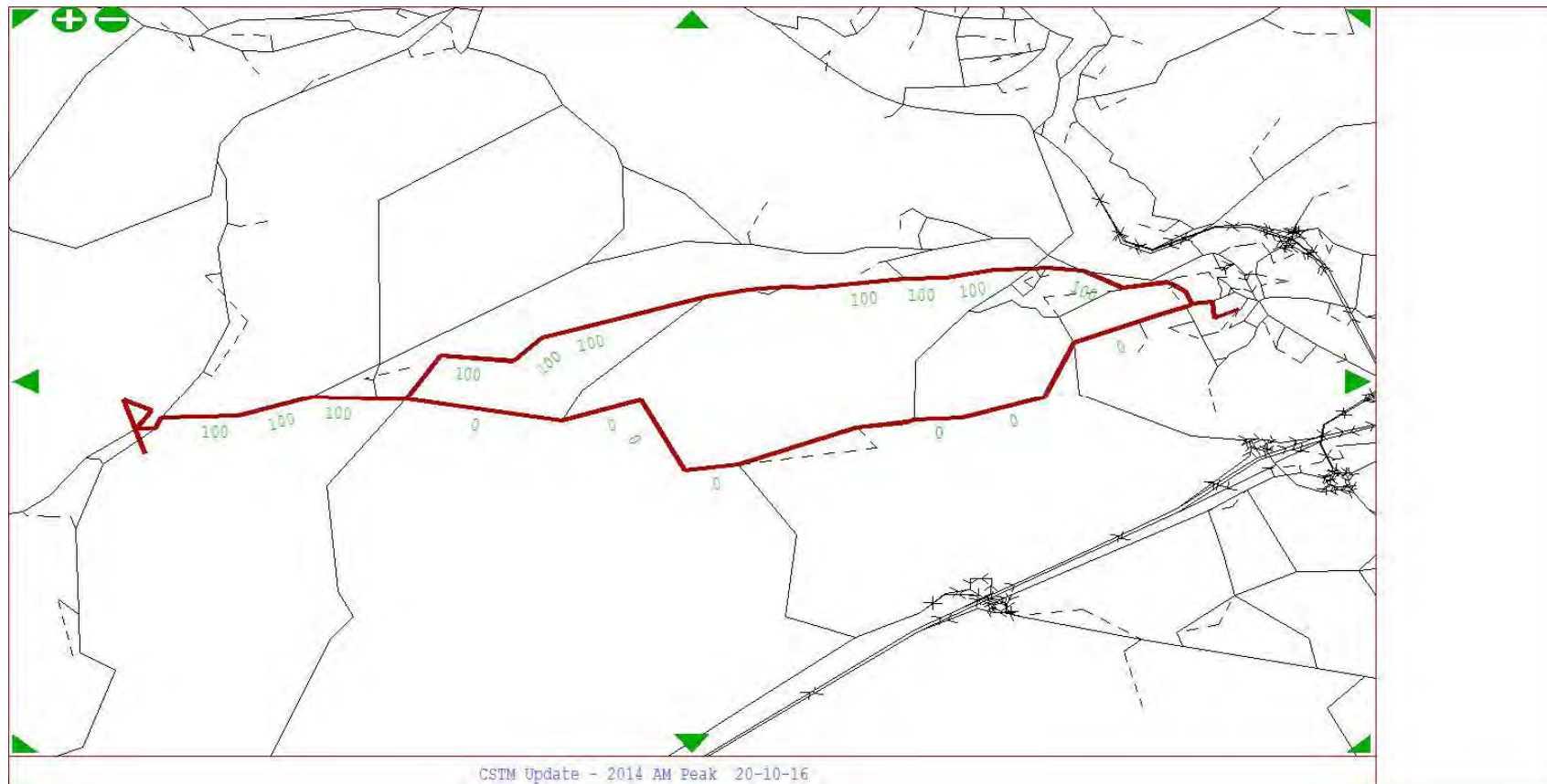
CSTM Update - 2014 AM Peak 20-10-16



CSTM Update - 2014 AM Peak 20-10-16

CSTM Update - 2014 AM Peak 20-10-16

From Zone 188 To Zone 237 - User Class 6



## APPENDIX G-2

### **INTER PEAK ROUTING CHECKS**

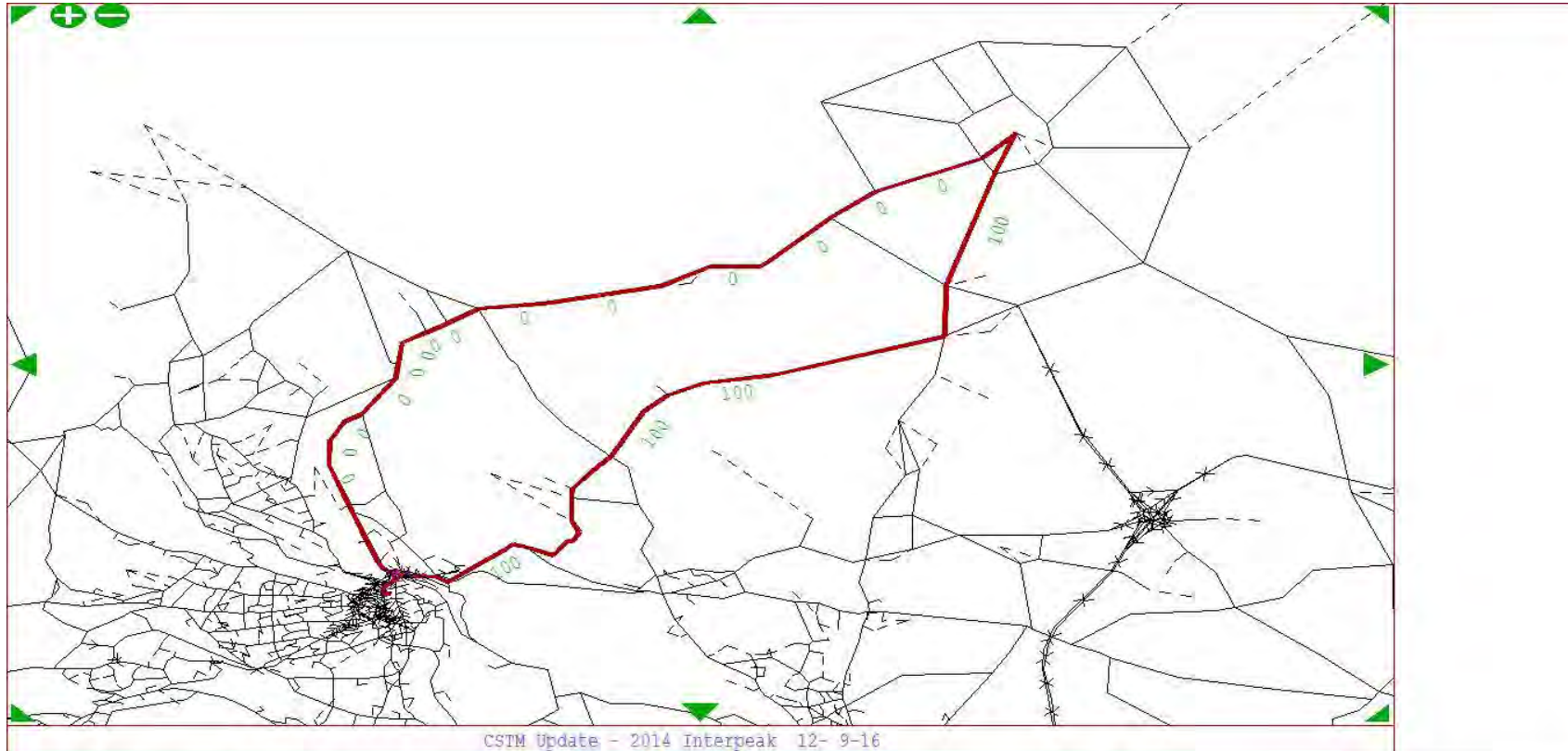
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## Appendix G - Model Routeing

Project Name: OD Tree Plots - Interpeak

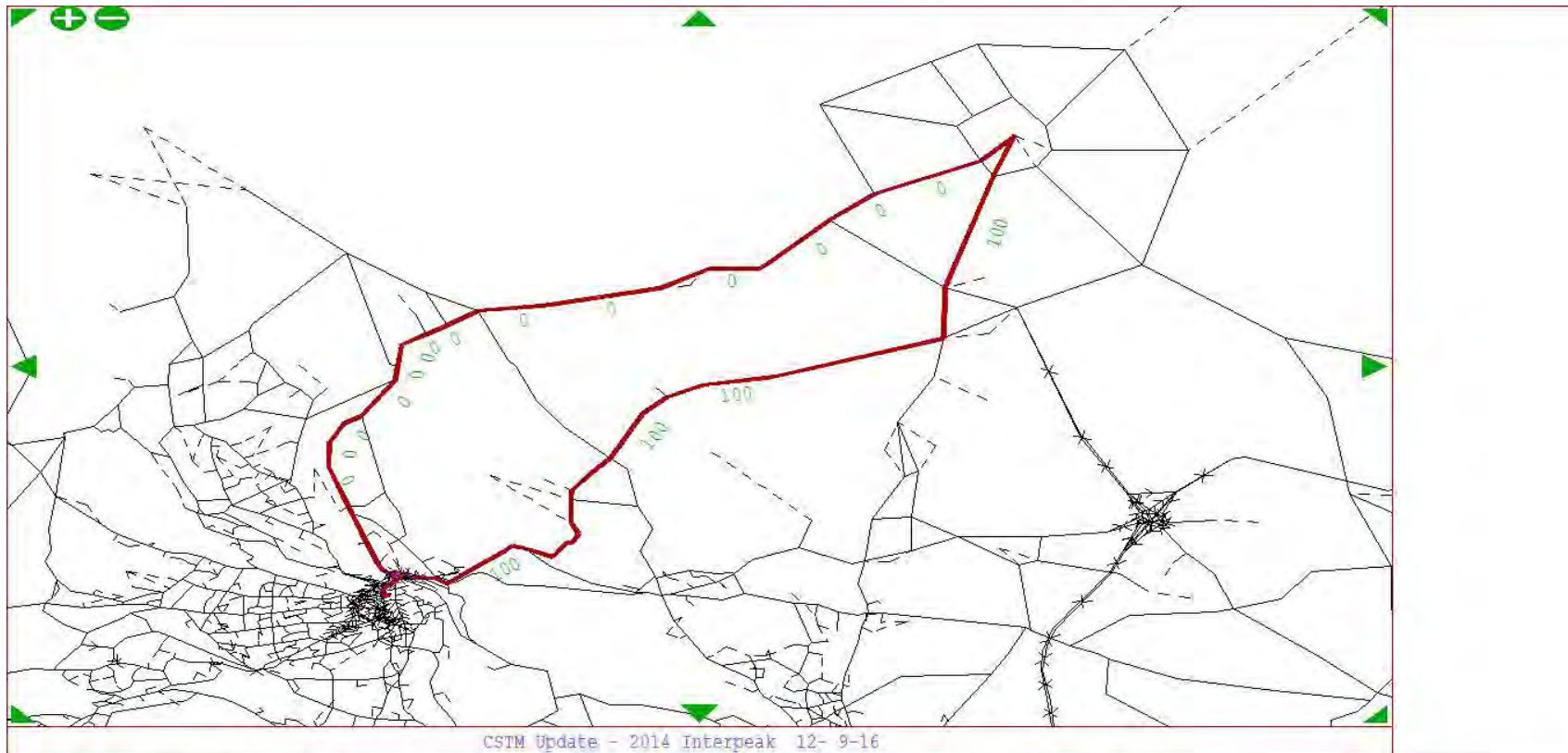
Bradford to Halifax Town Centre

From Zone 32 To Zone 701 - User Class 1

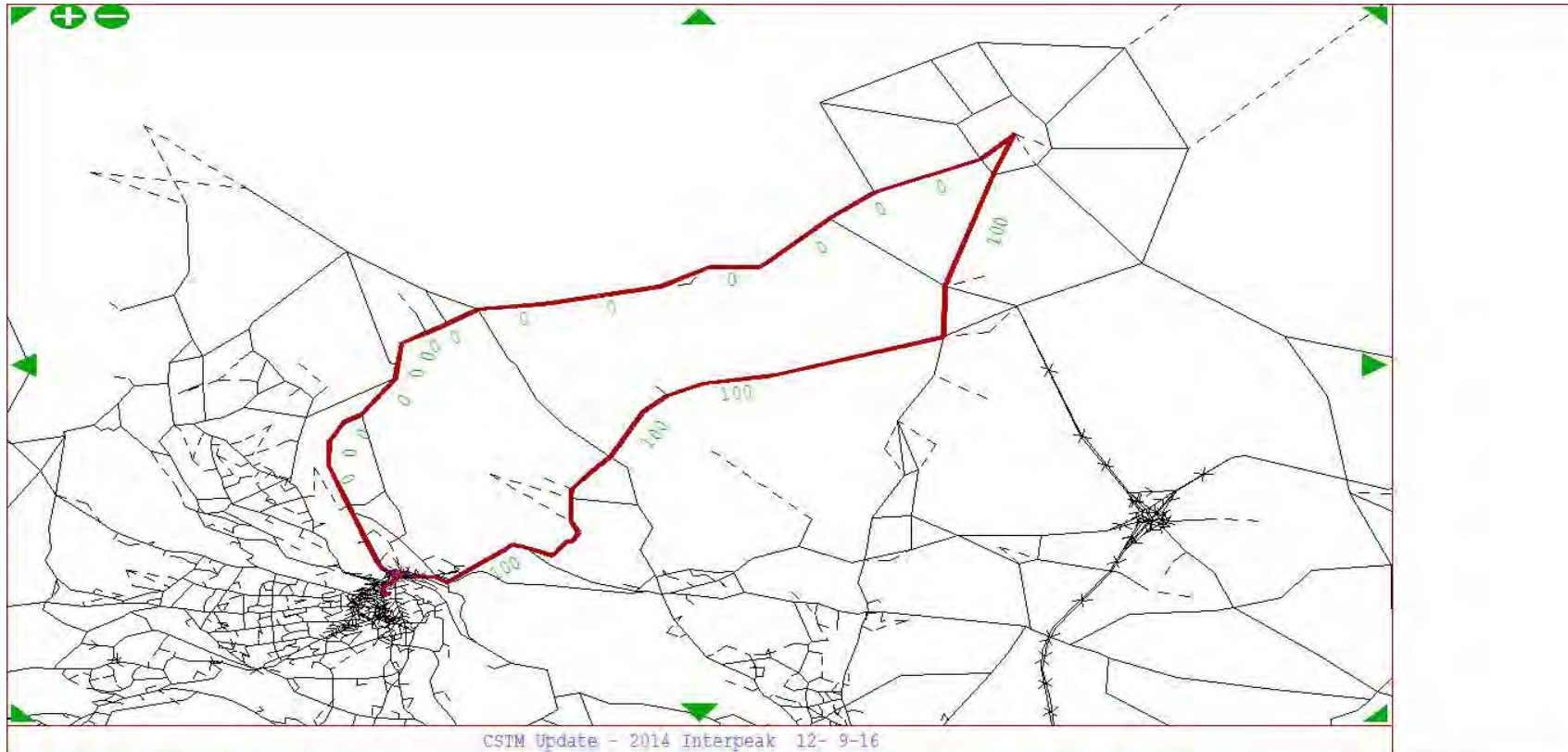




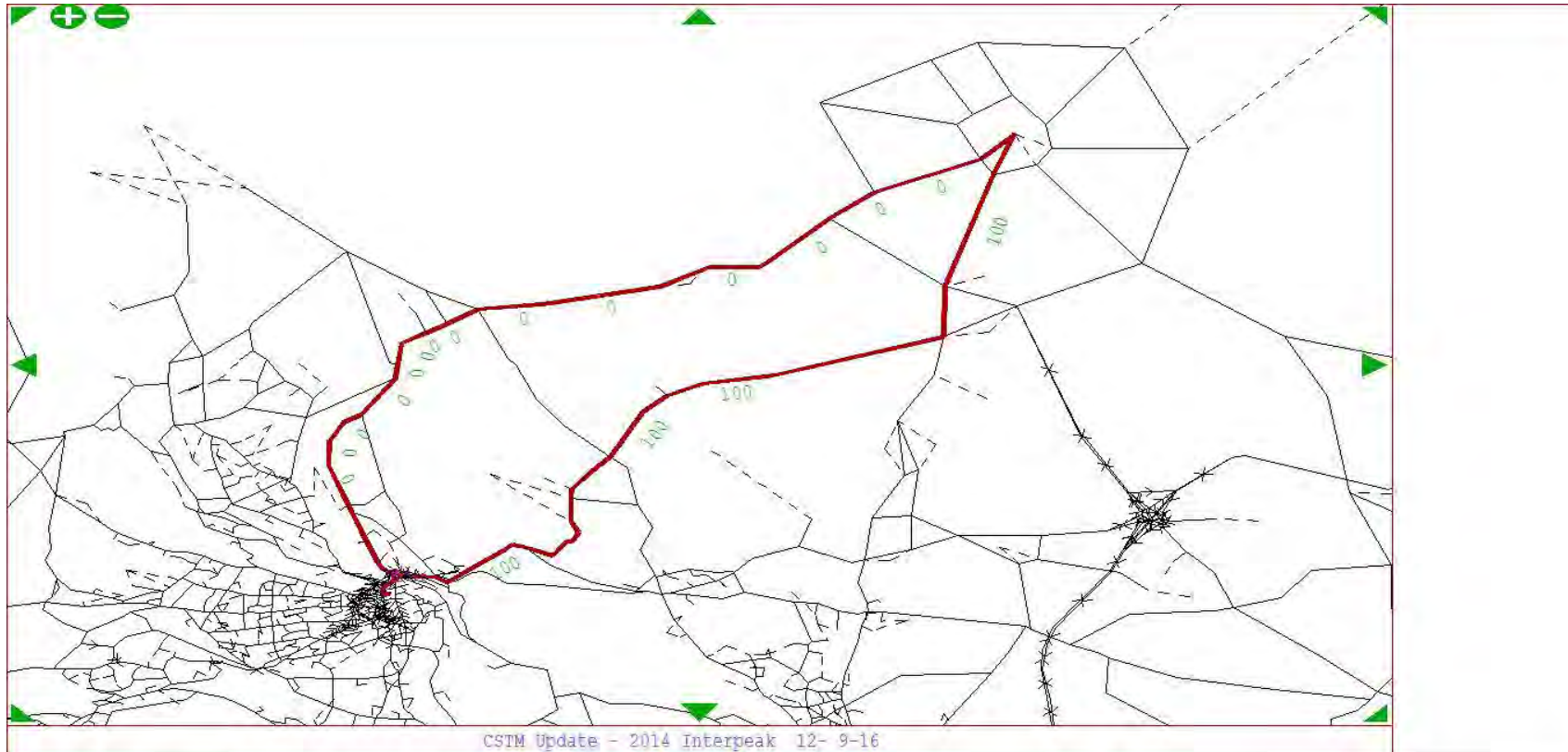
From Zone 32 To Zone 701 - User Class 2



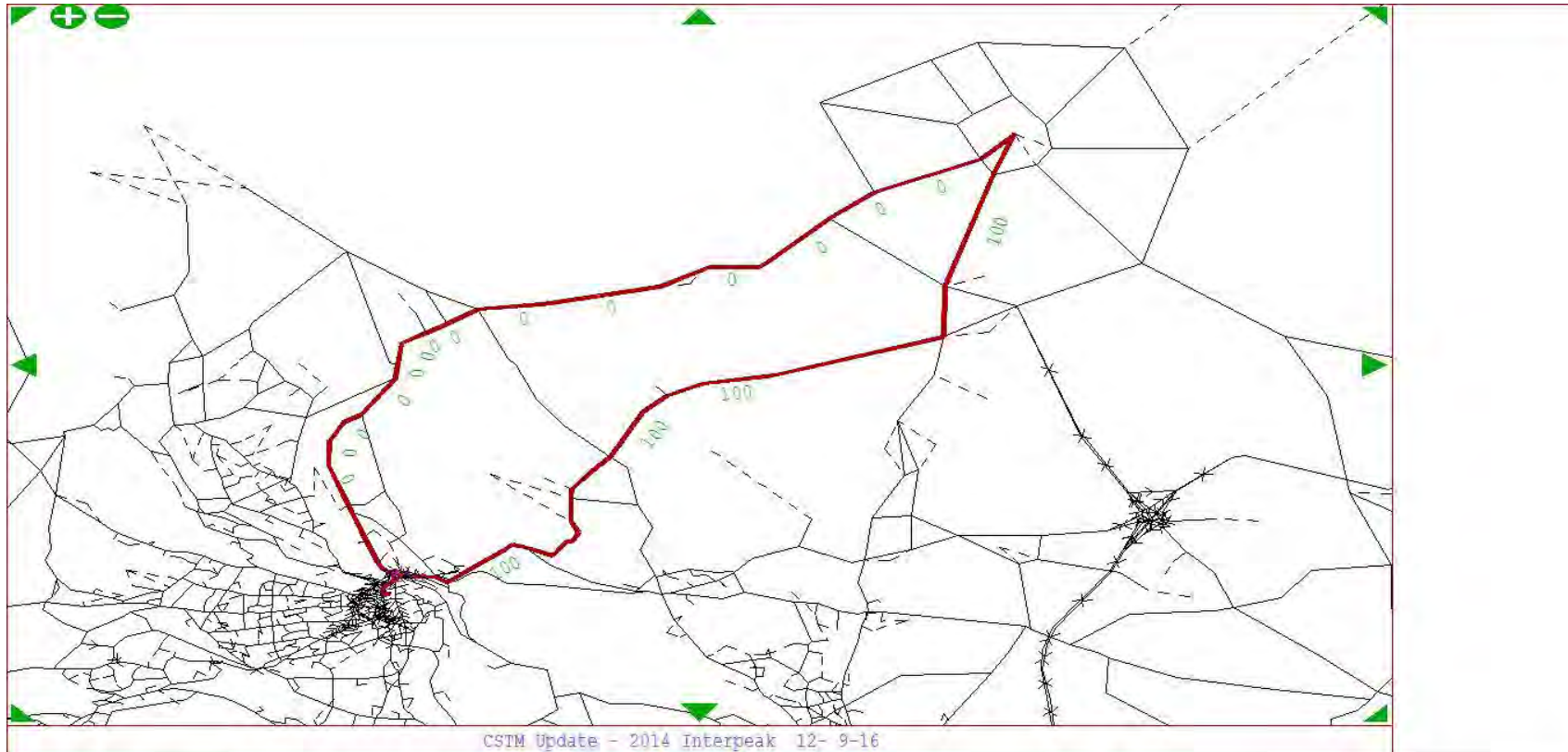
From Zone 32 To Zone 701 - User Class 3



From Zone 32 To Zone 701 - User Class 4

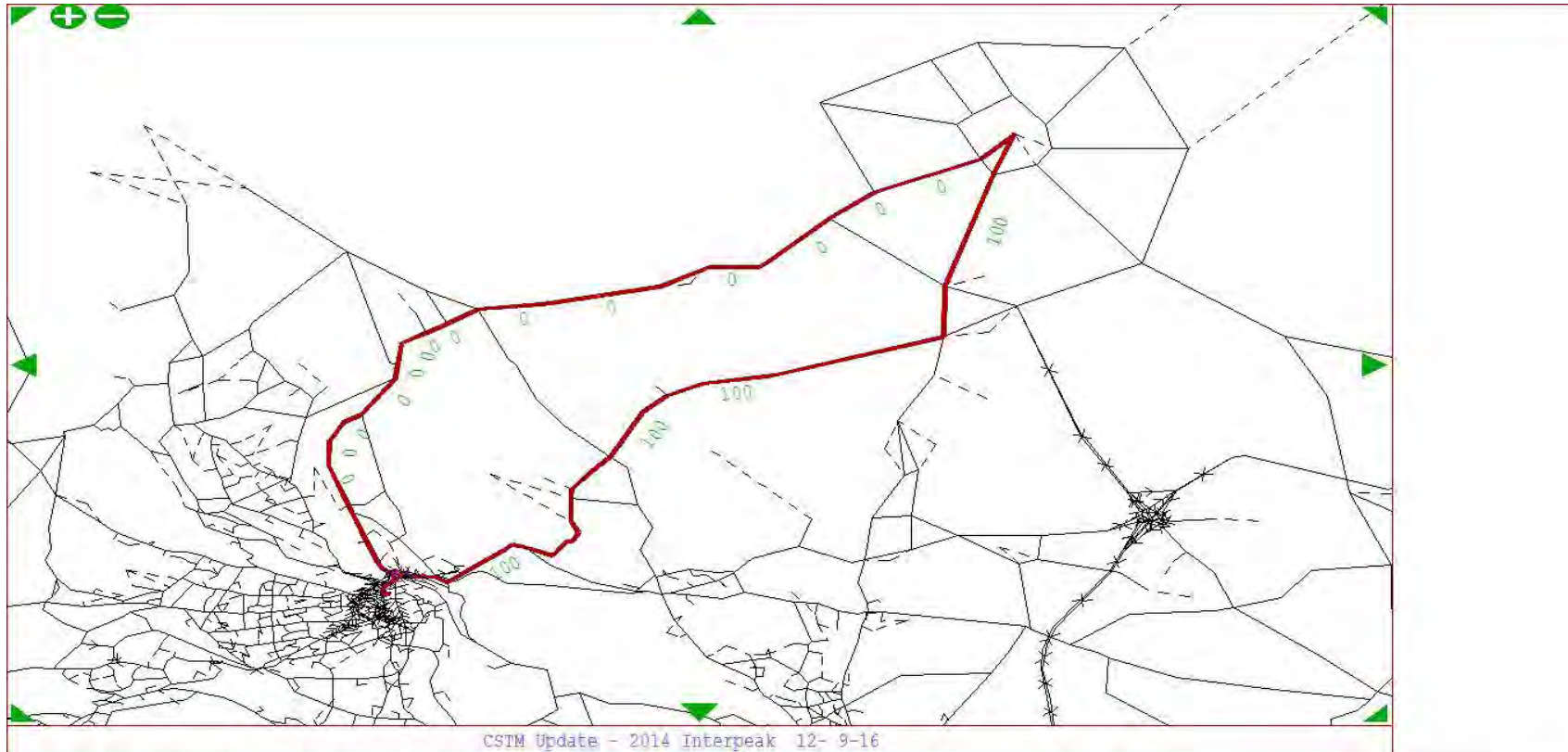


From Zone 32 To Zone 701 - User Class 5



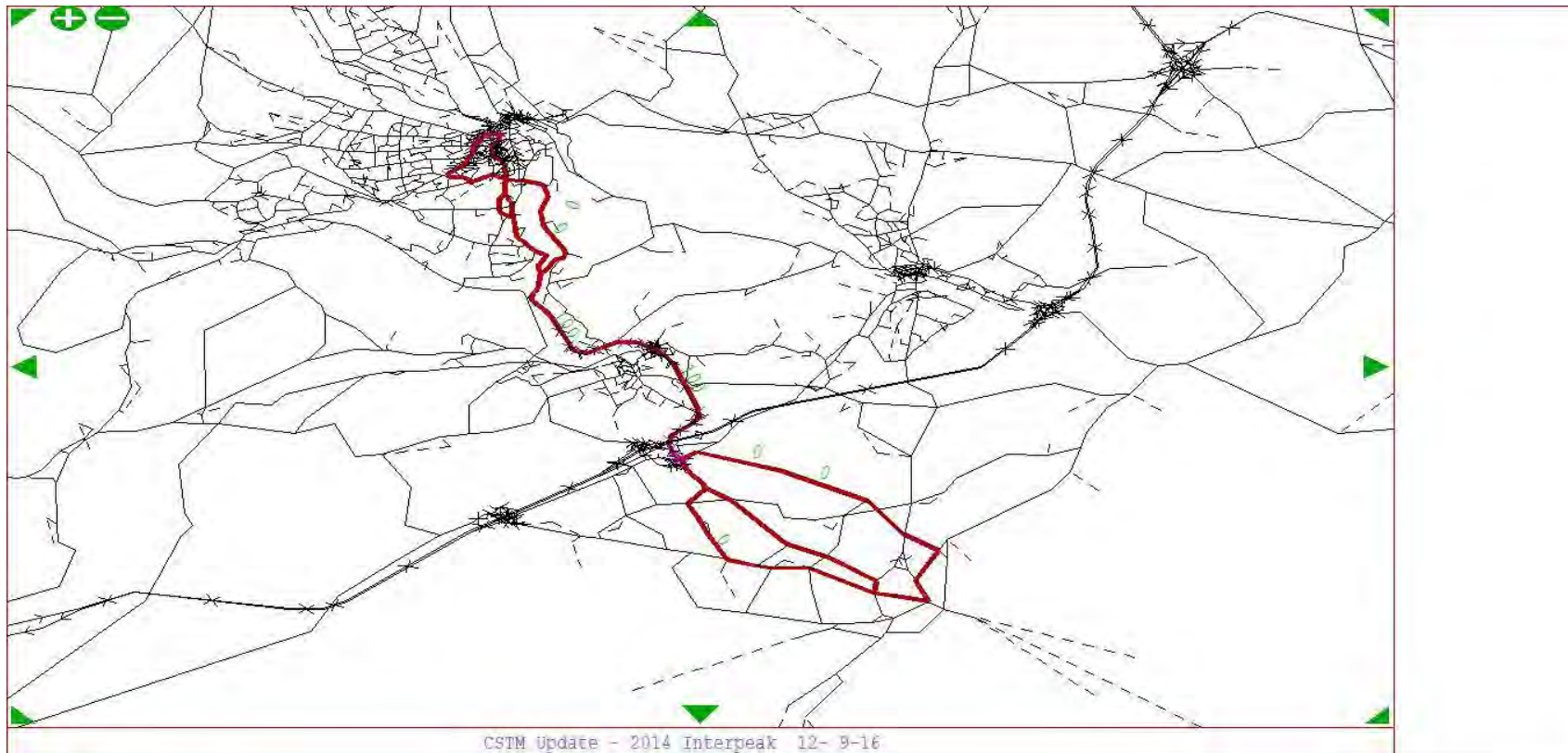


From Zone 32 To Zone 701 - User Class 6

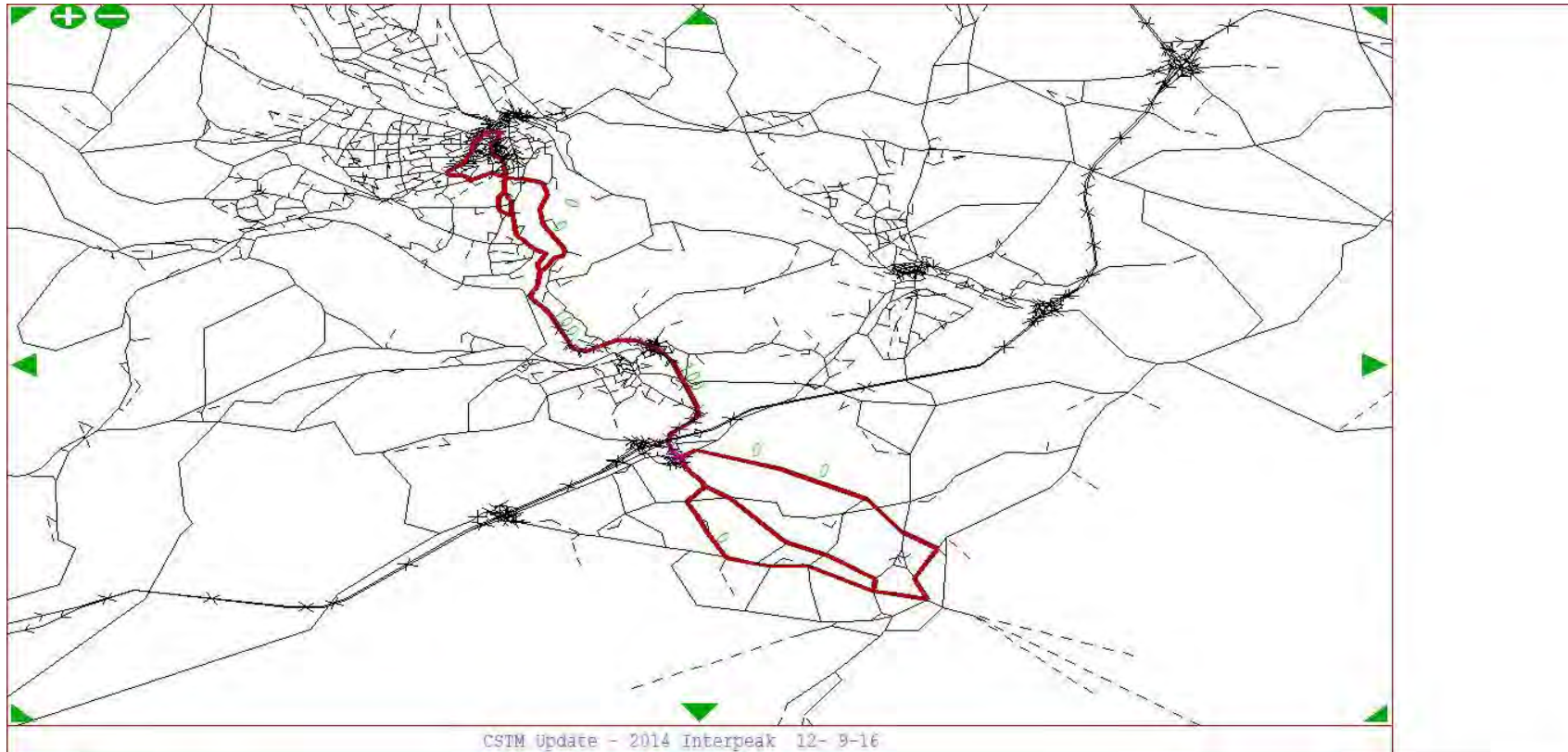


## Halifax Town Centre to Huddersfield

From Zone 701 To Zone 909 - User Class 1

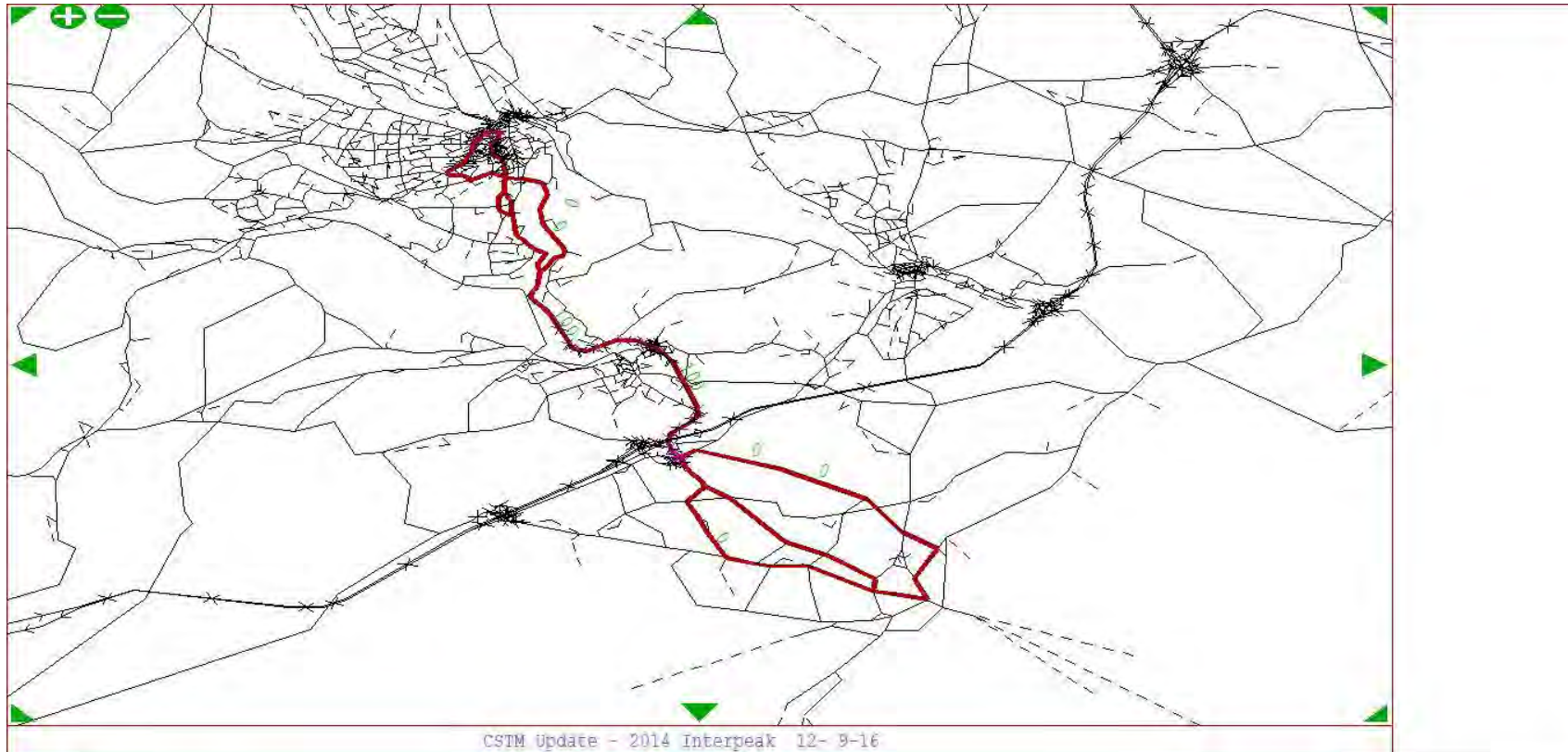


From Zone 701 To Zone 909 - User Class 2



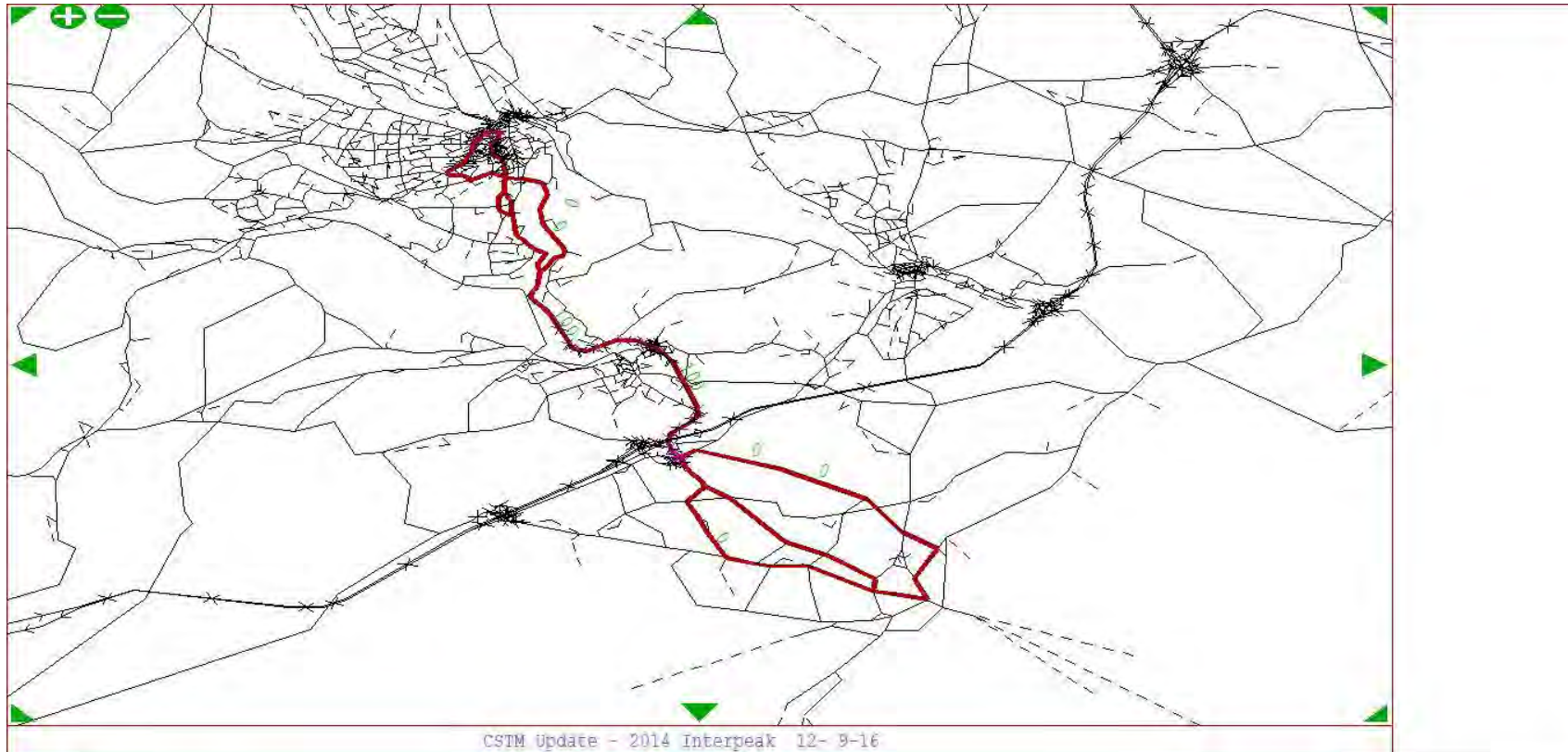


From Zone 701 To Zone 909 - User Class 3

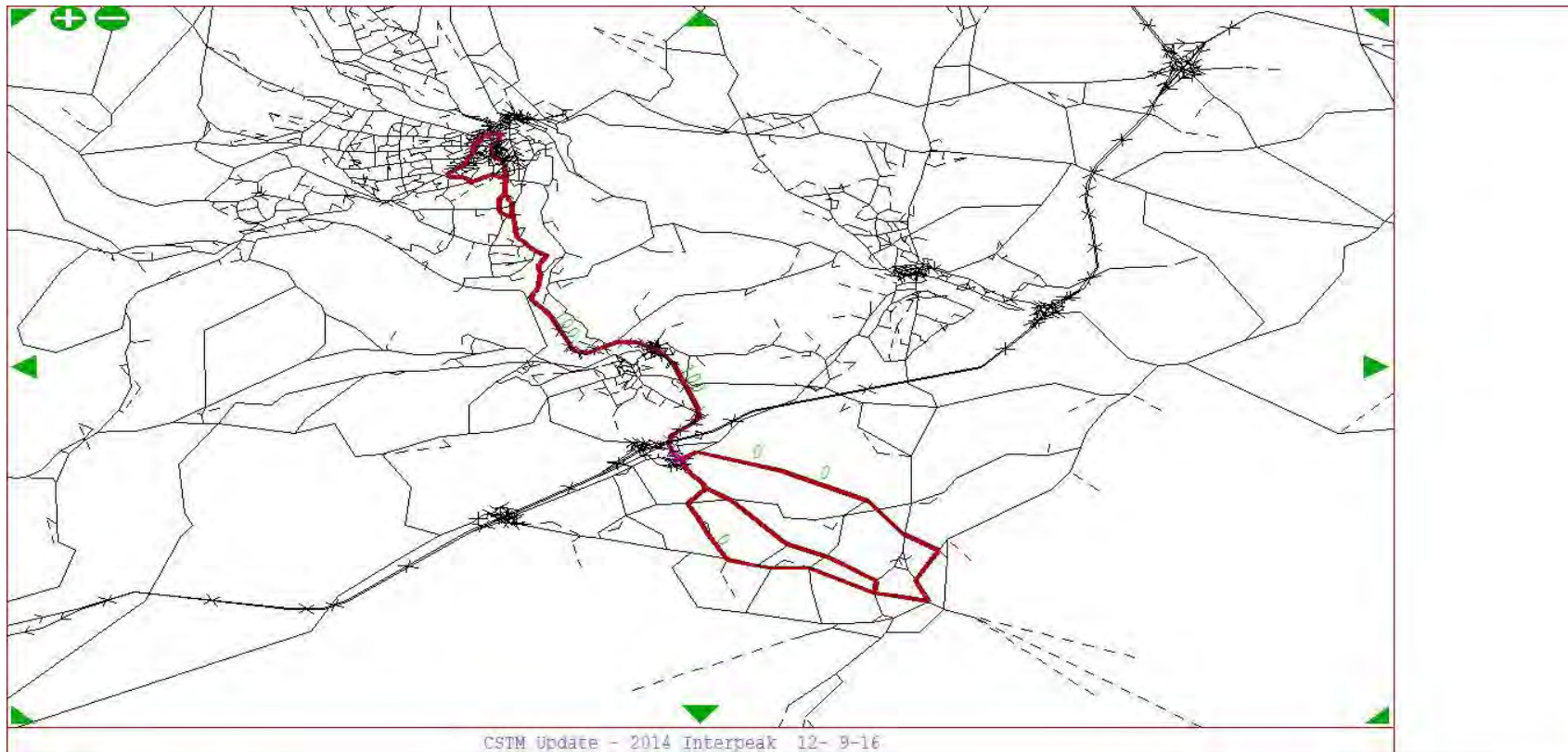




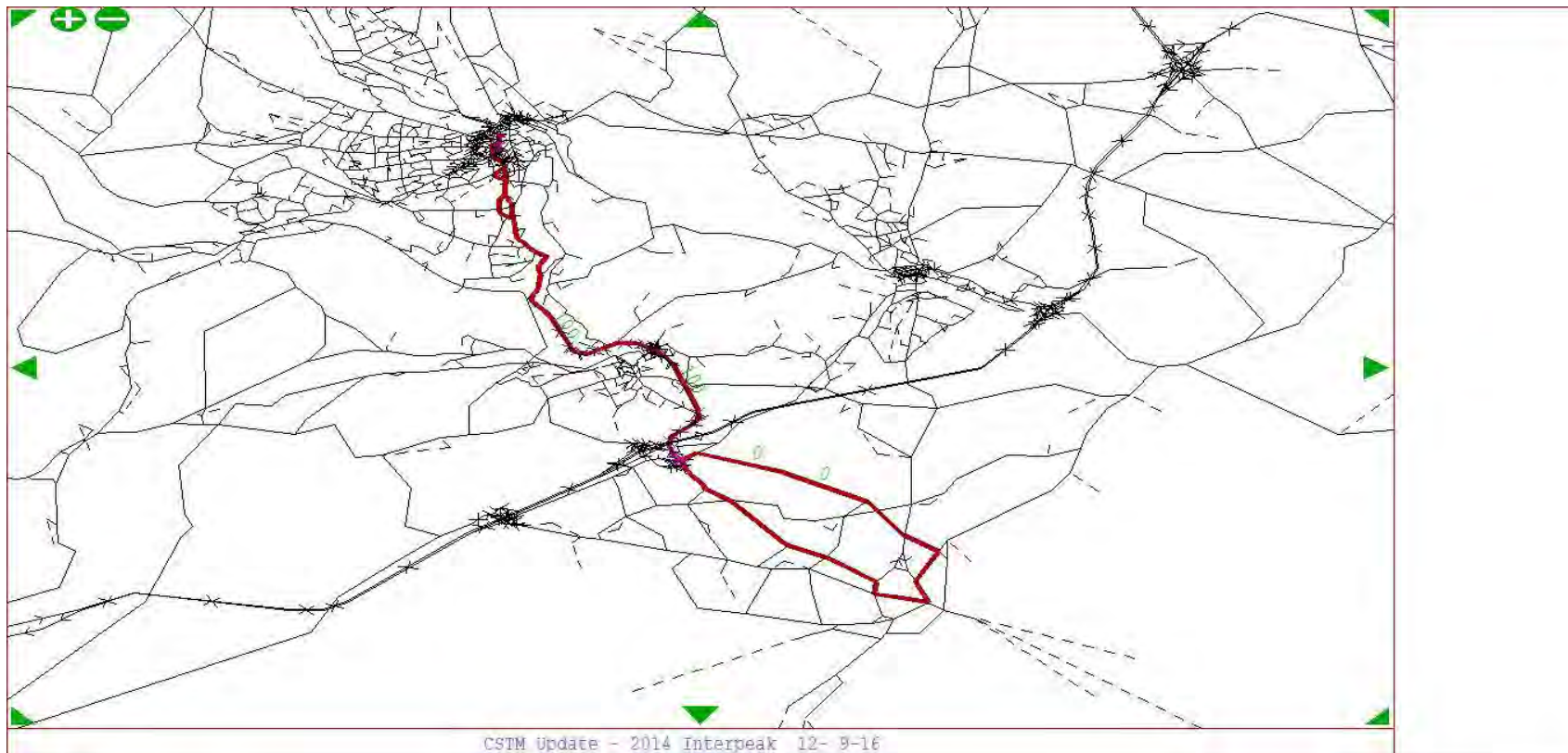
From Zone 701 To Zone 909 - User Class 4



From Zone 701 To Zone 909 - User Class 5



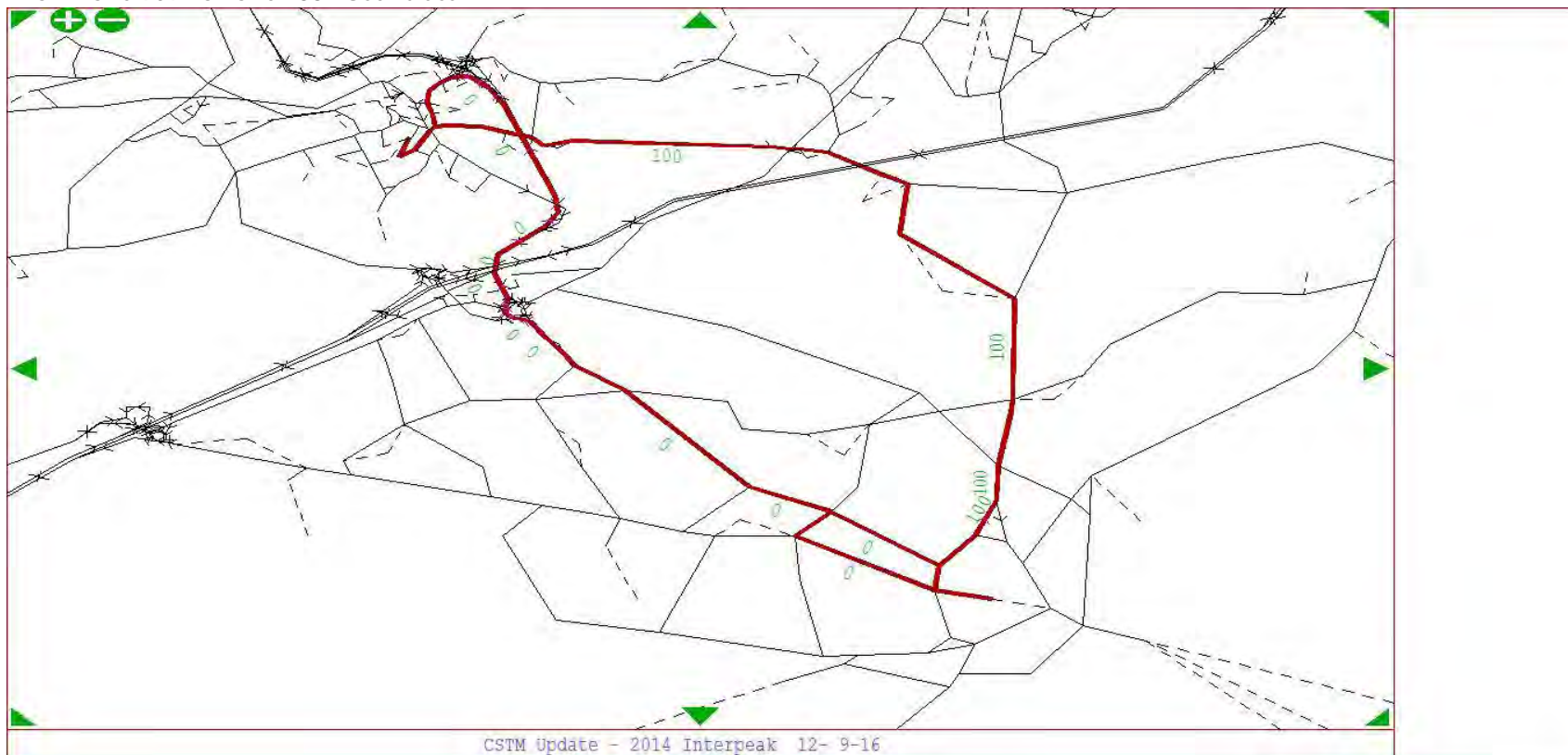
From Zone 701 To Zone 909 - User Class 6





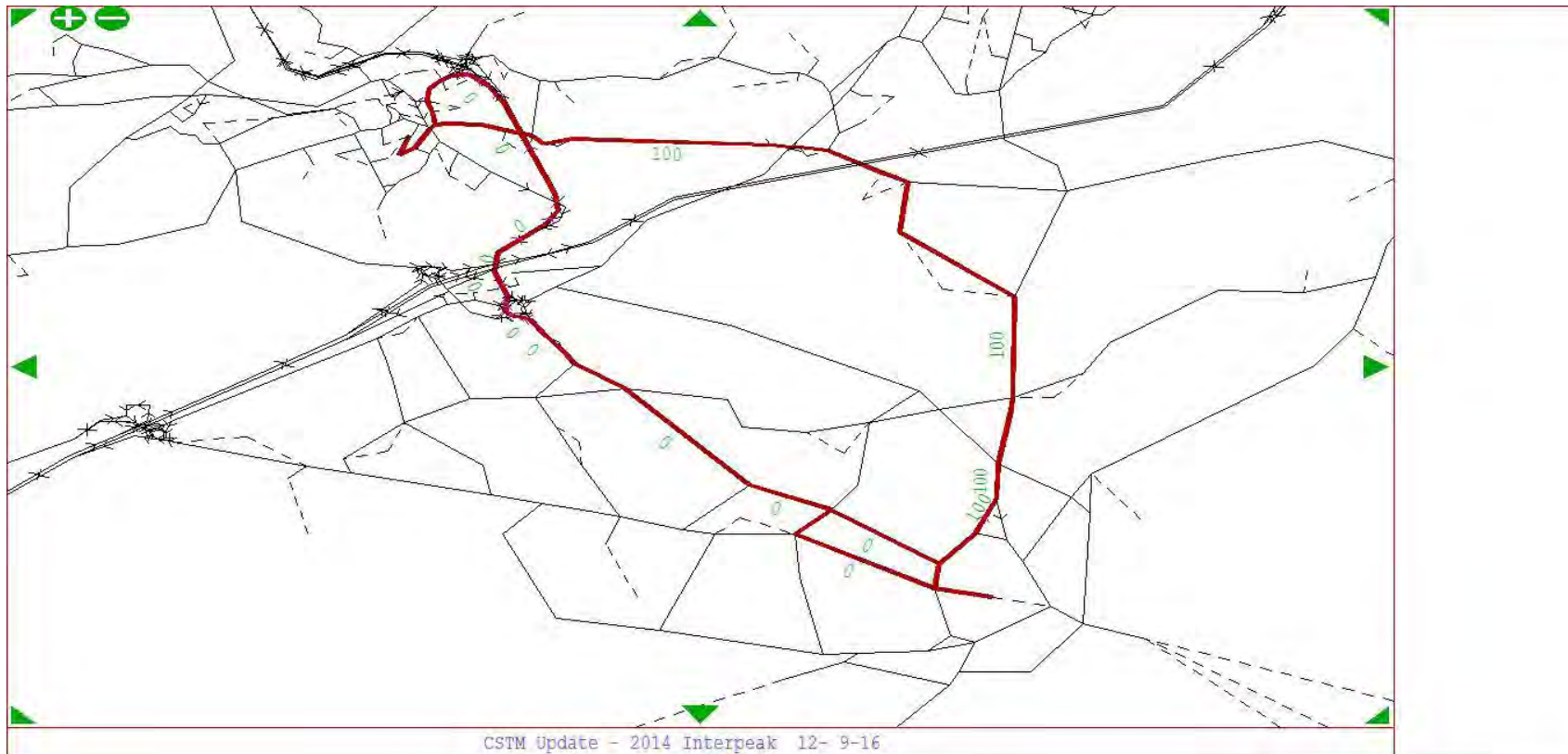
## Huddersfield to Elland

From Zone 909 To Zone 188 - User Class 1

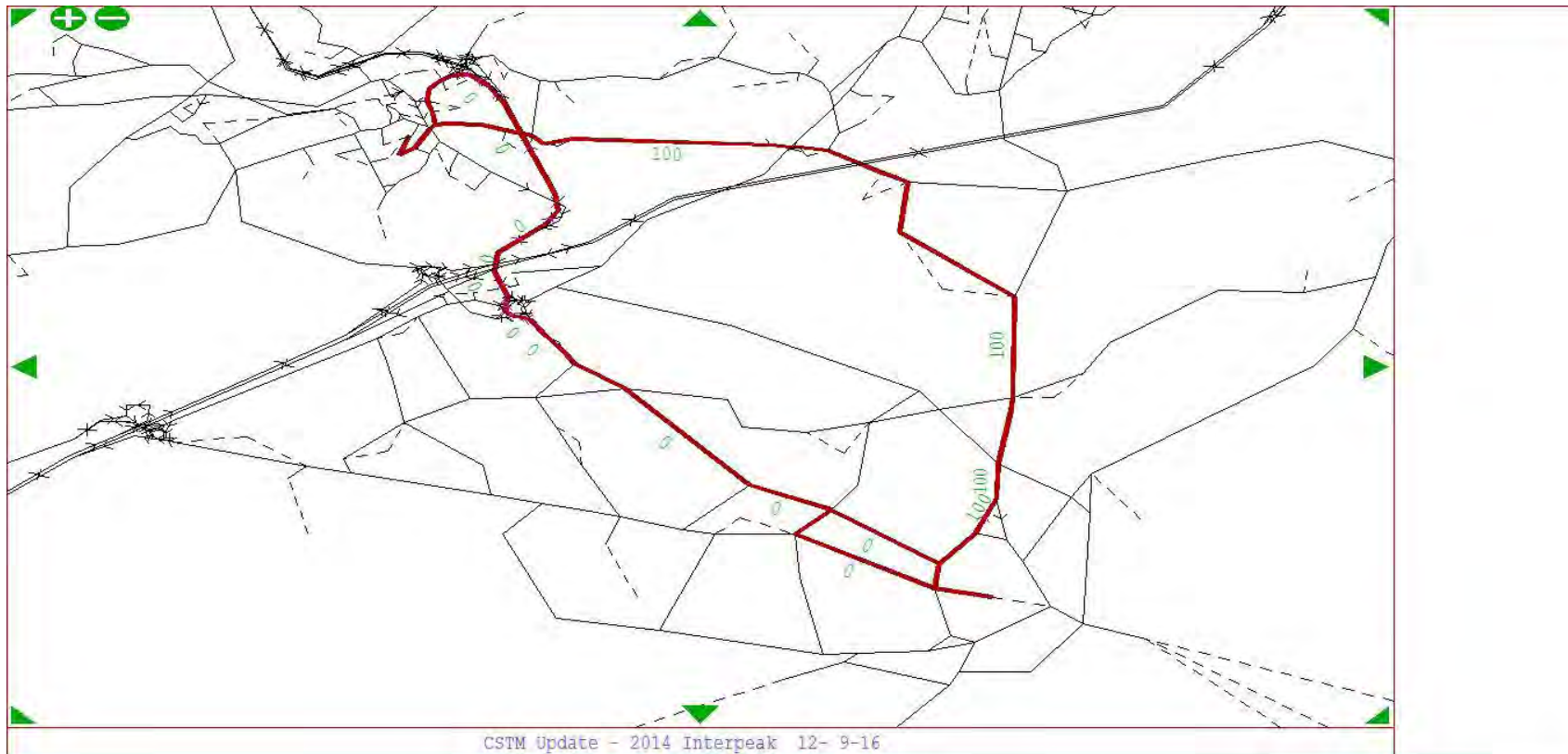




From Zone 909 To Zone 188 - User Class 2

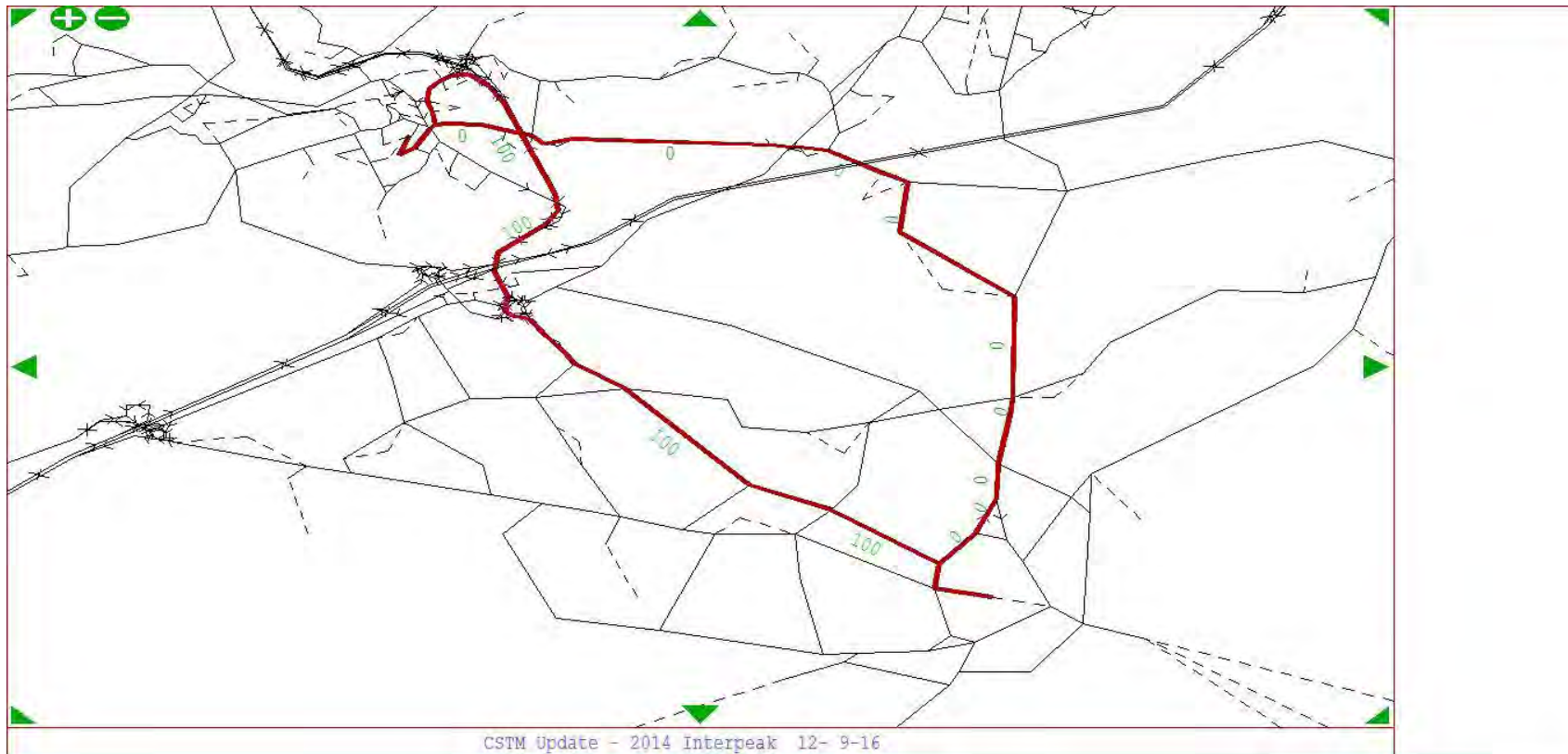


From Zone 909 To Zone 188 - User Class 3



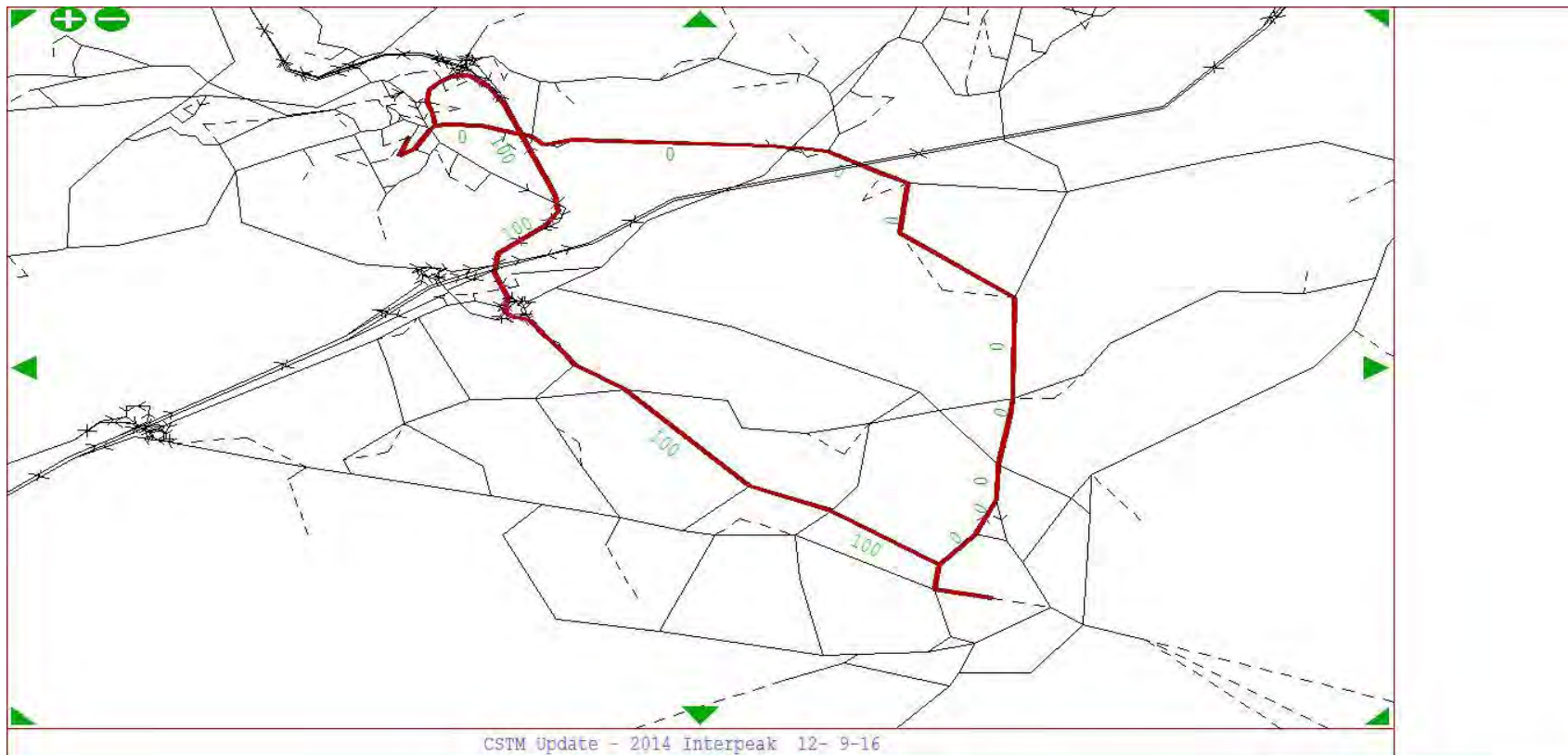
CSTM Update - 2014 Interpeak 12- 9-16

From Zone 909 To Zone 188 - User Class 5



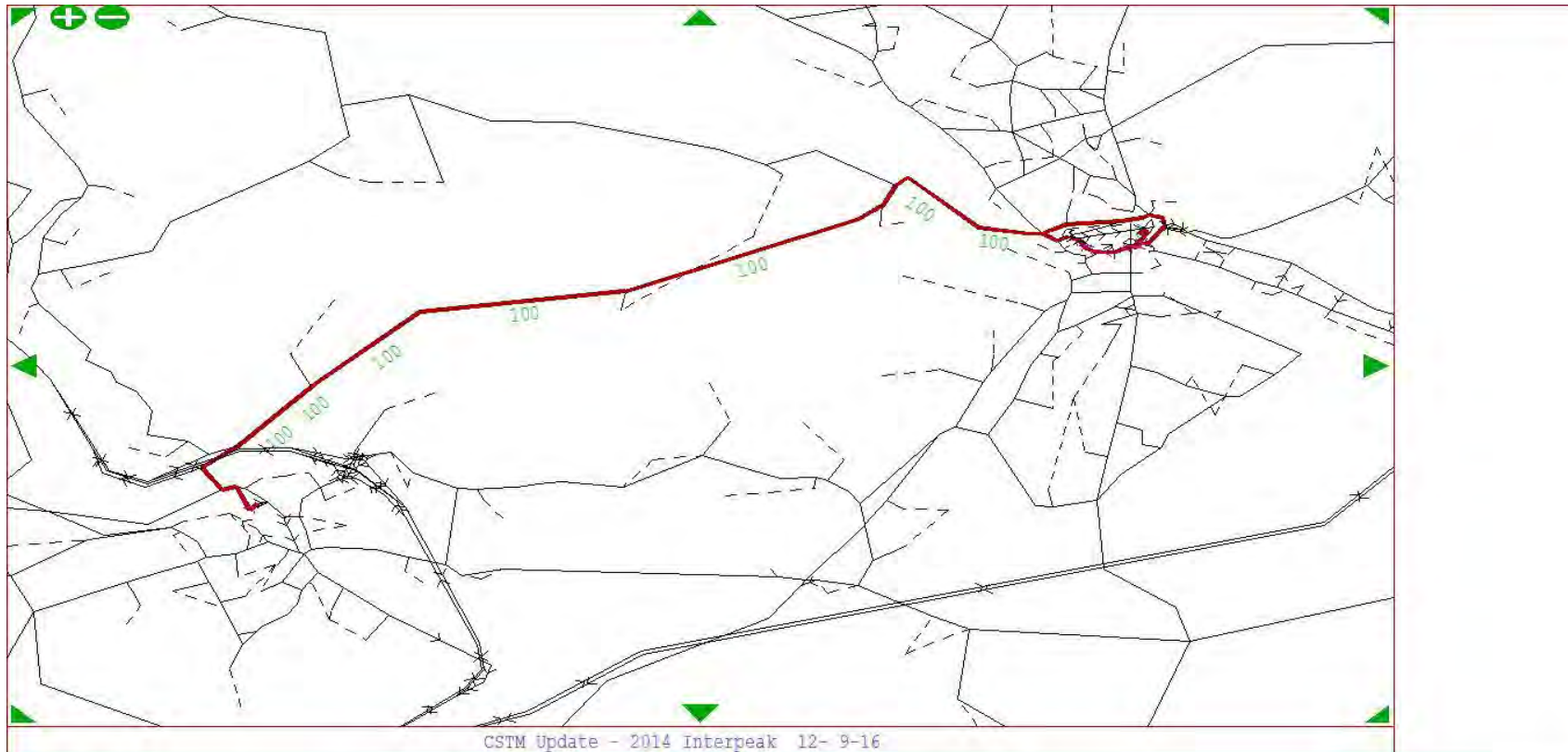


From Zone 909 To Zone 188 - User Class 6

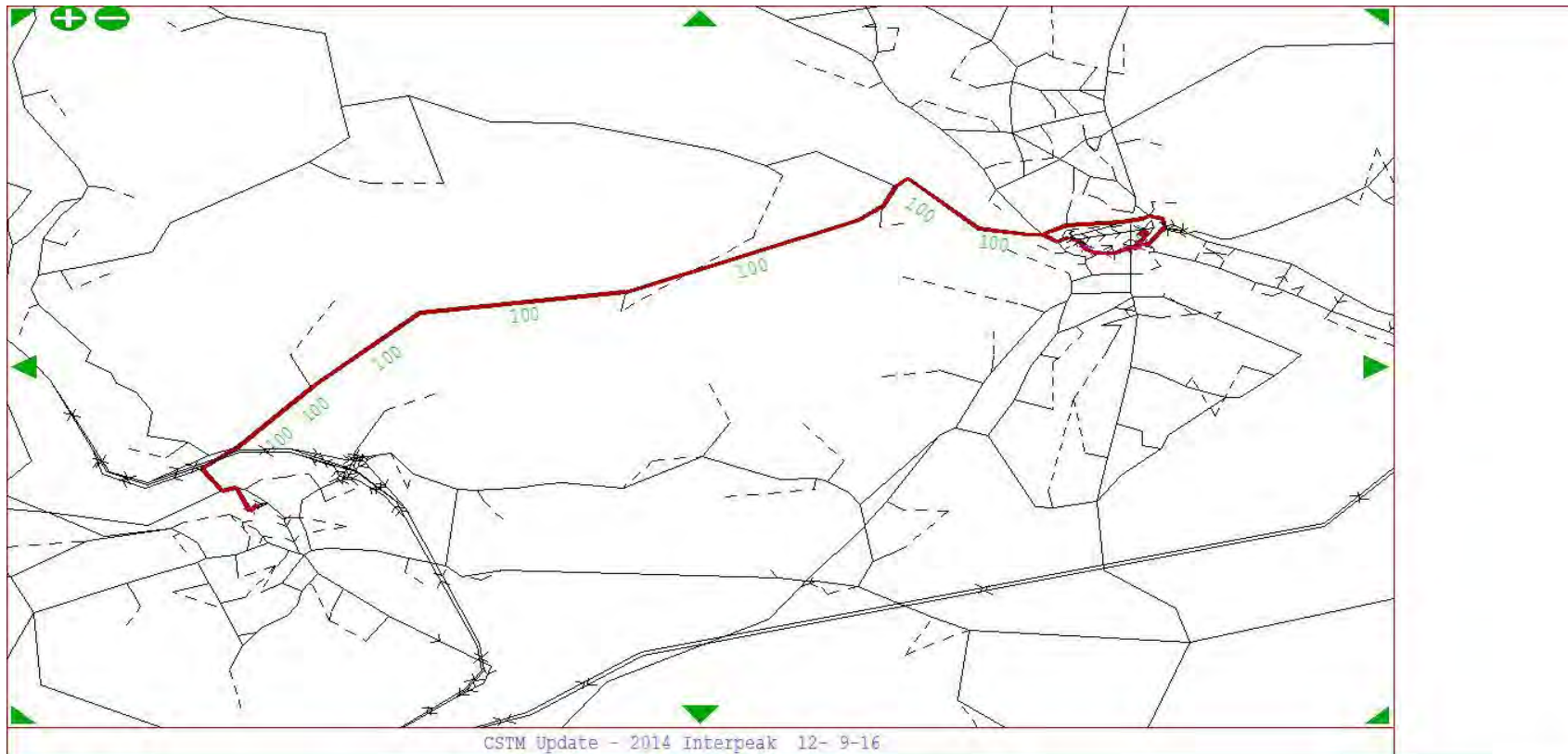


## Brighouse to Elland

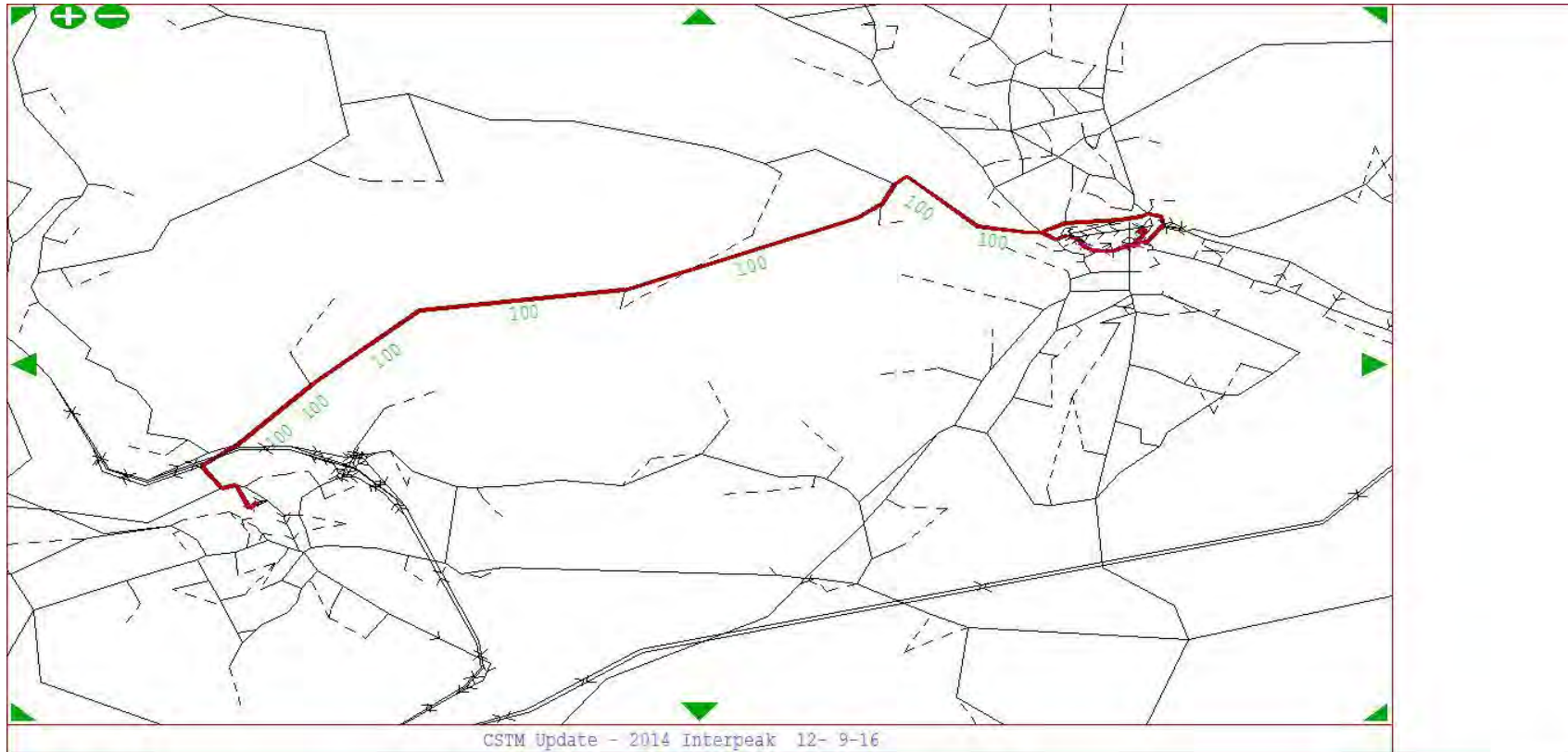
From Zone 458 To Zone 480 - User Class 1



From Zone 458 To Zone 480 - User Class 2

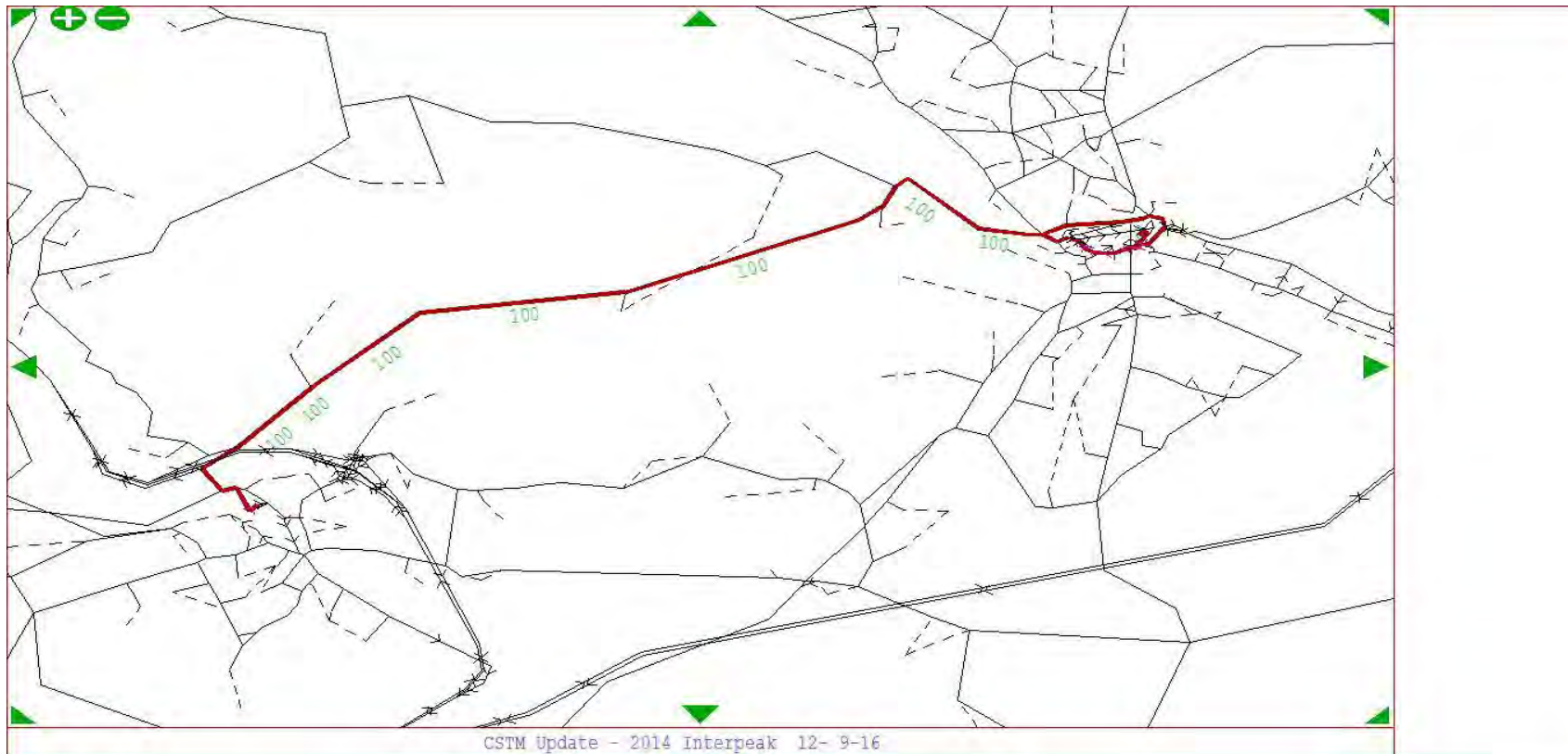


From Zone 458 To Zone 480 - User Class 3

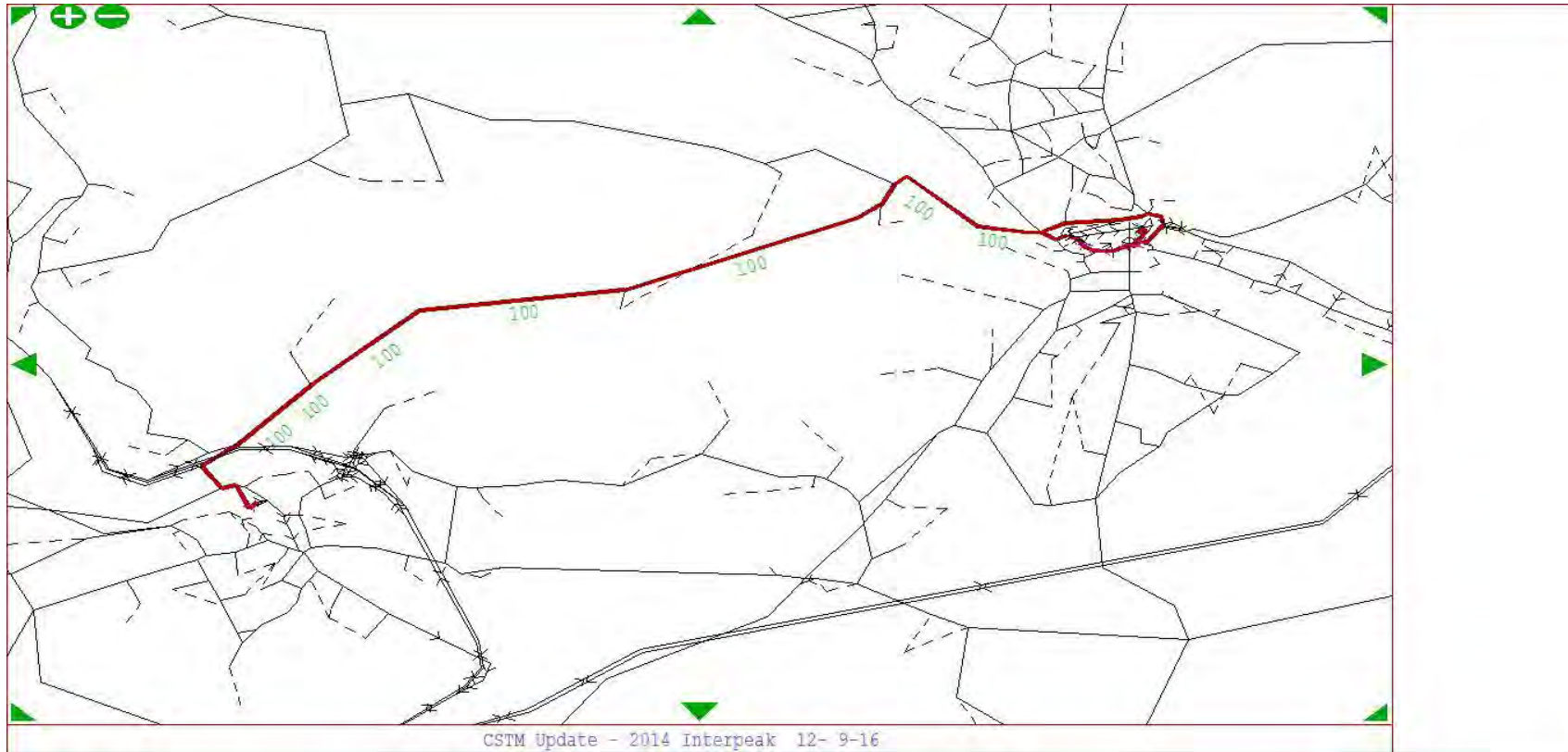




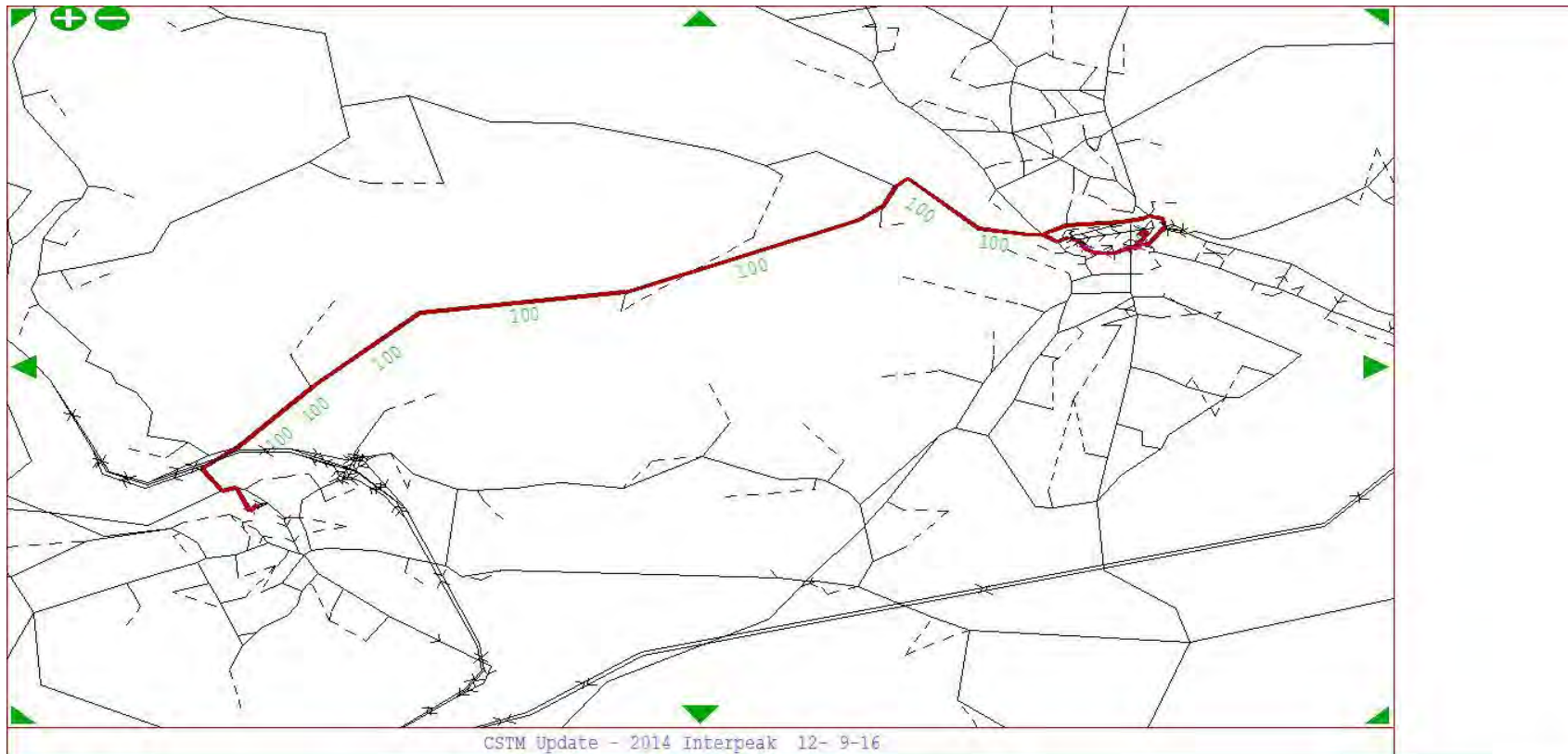
From Zone 458 To Zone 480 - User Class 4



From Zone 458 To Zone 480 - User Class 5



From Zone 458 To Zone 480 - User Class 6



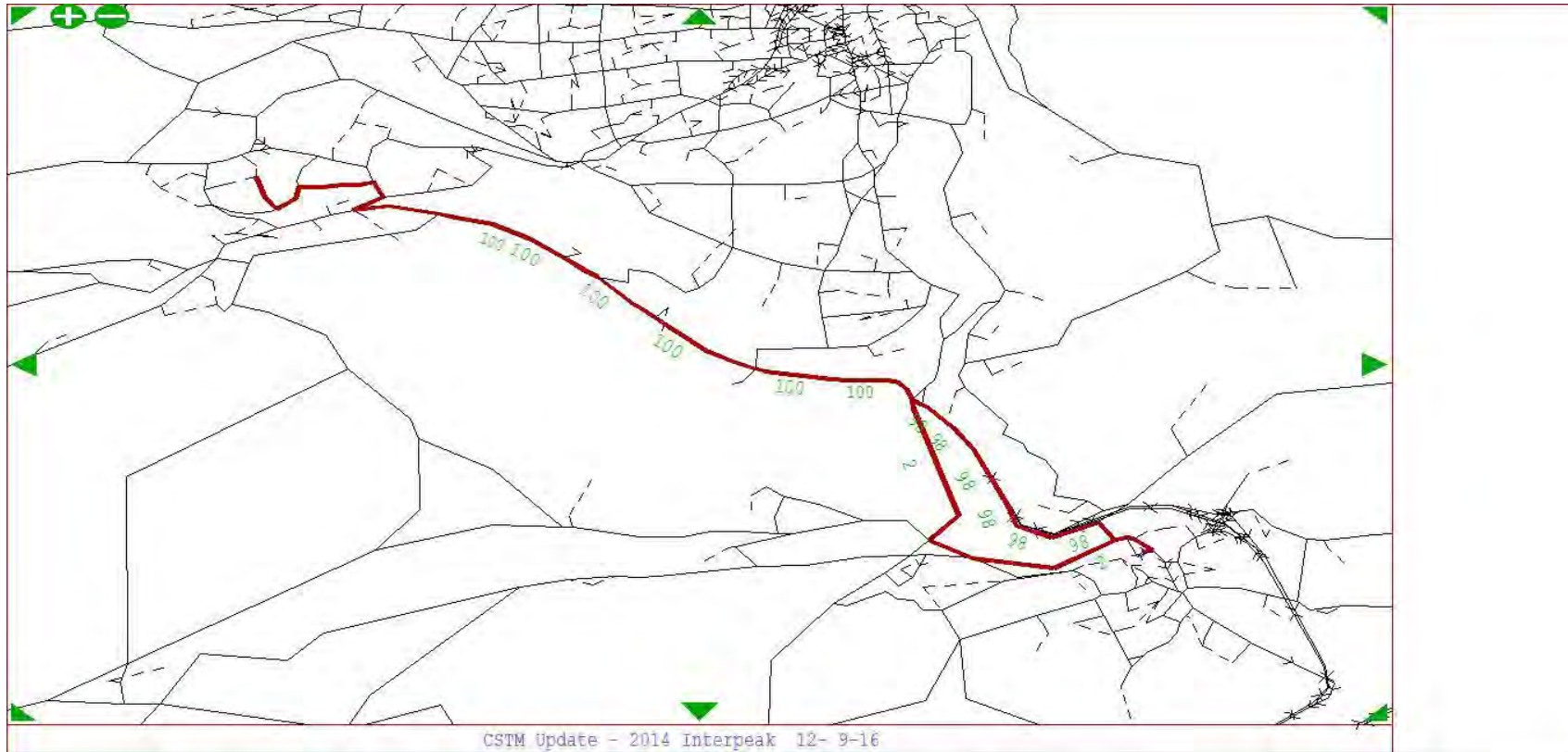
From Zone 480 To Zone 114 - User Class 1

A map showing a red route with green labels 100, 98, and 96. The map includes a network of roads and a green line with arrows indicating a path. The labels 100, 98, and 96 are placed along the route. The map is titled "CSTM Update - 2014 Interpeak 12- 9-16".

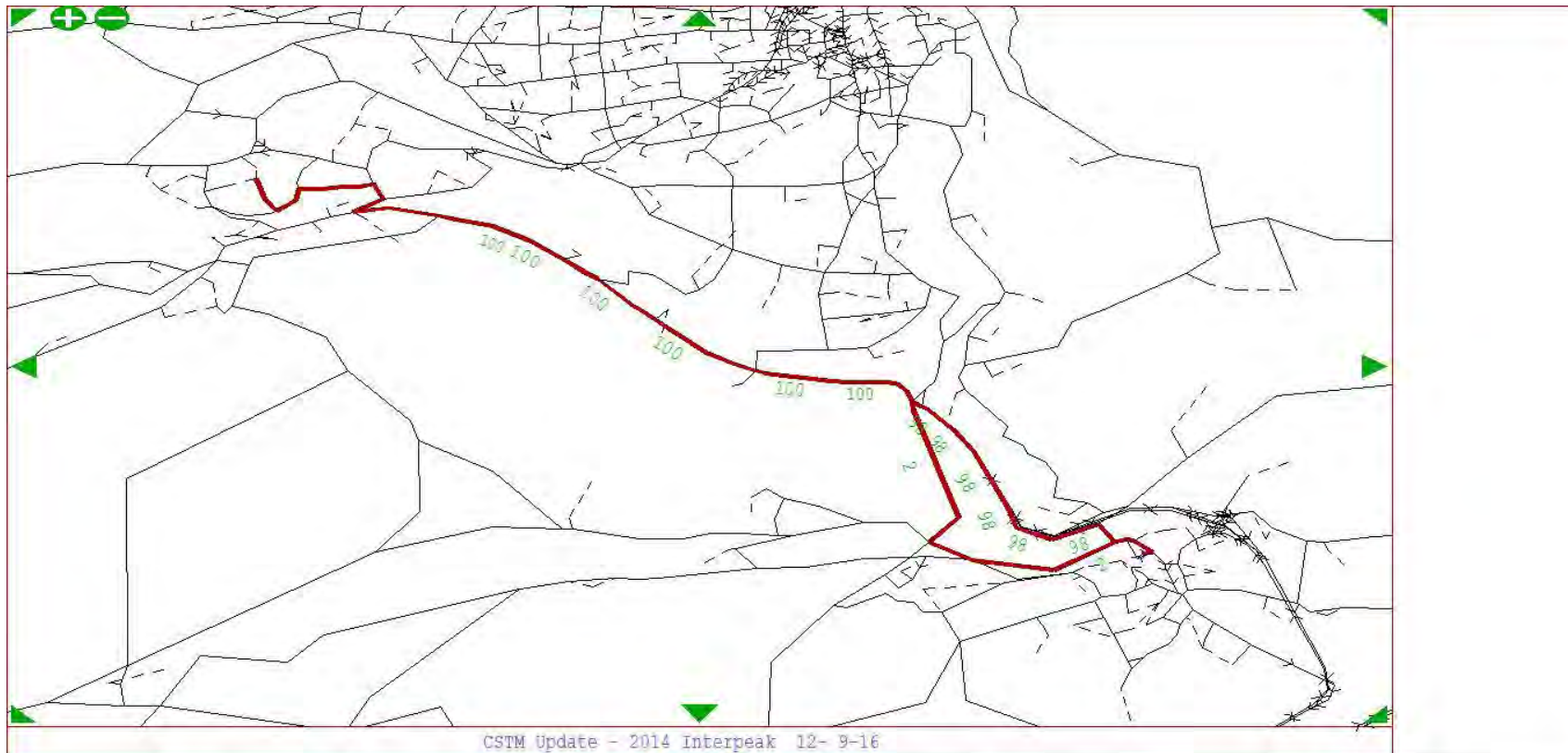
CSTM Update - 2014 Interpeak 12- 9-16



From Zone 480 To Zone 114 - User Class 2



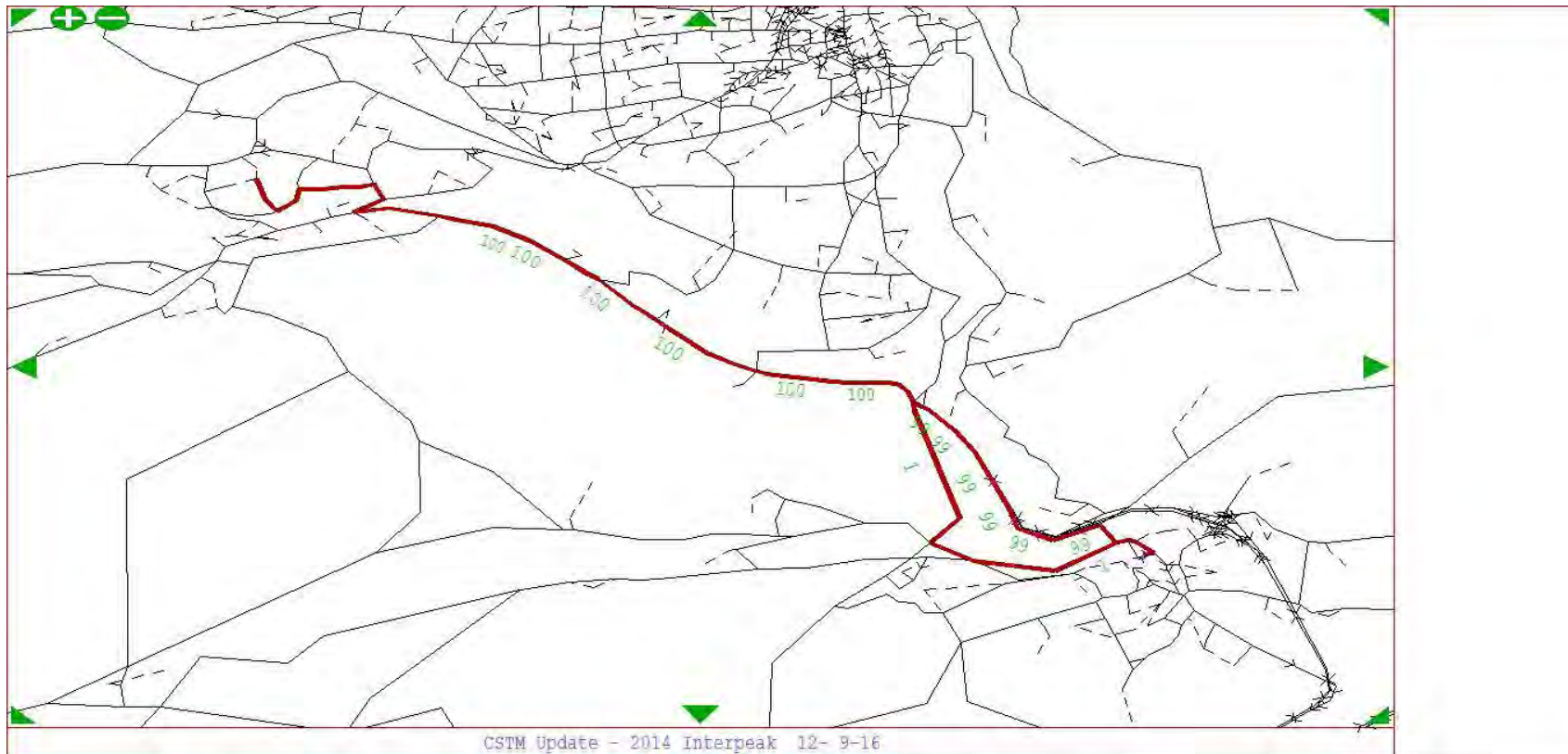
From Zone 480 To Zone 114 - User Class 3



CSTM Update - 2014 Interpeak 12-9-16

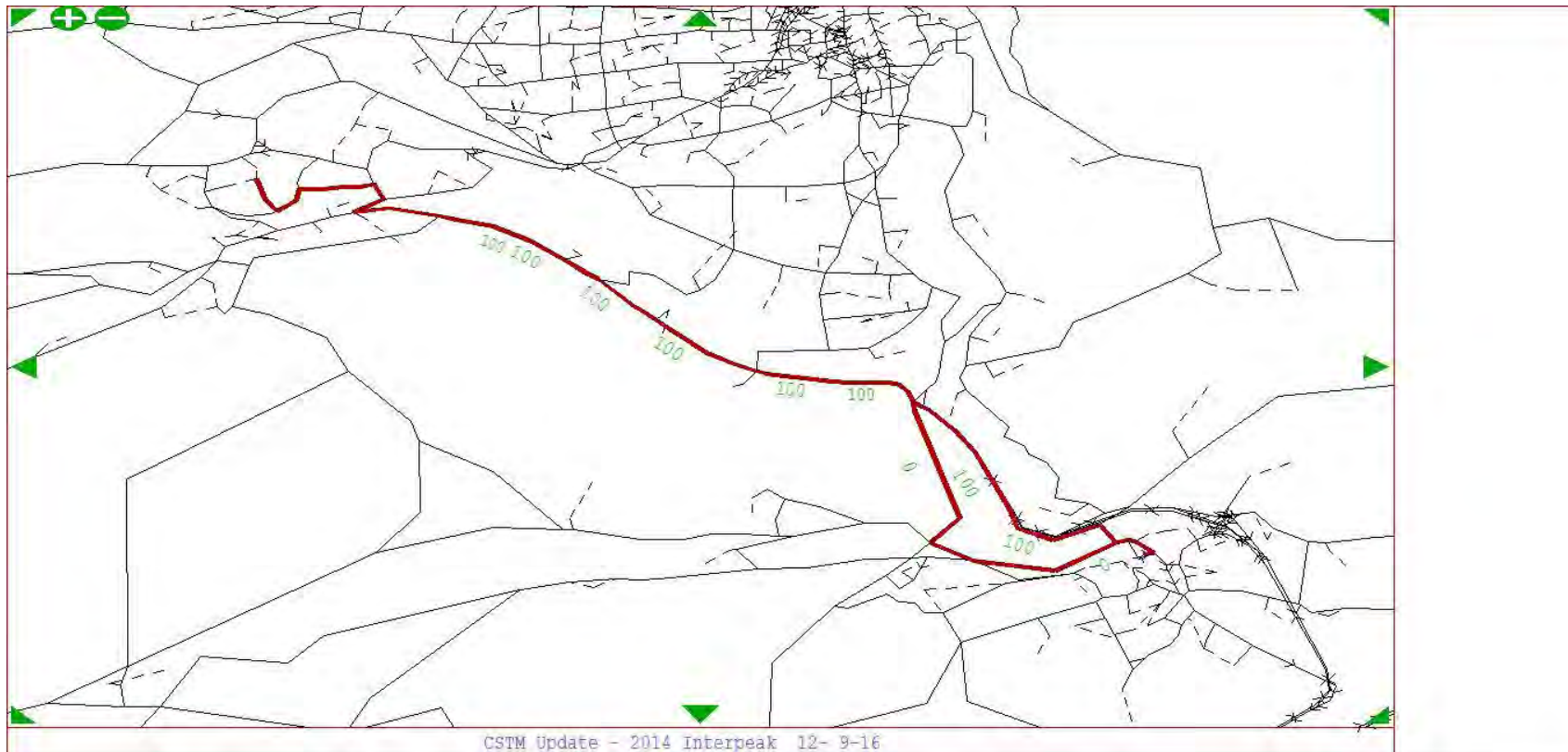
CSTM Update - 2014 Interpeak 12-9-16

From Zone 480 To Zone 114 - User Class 5



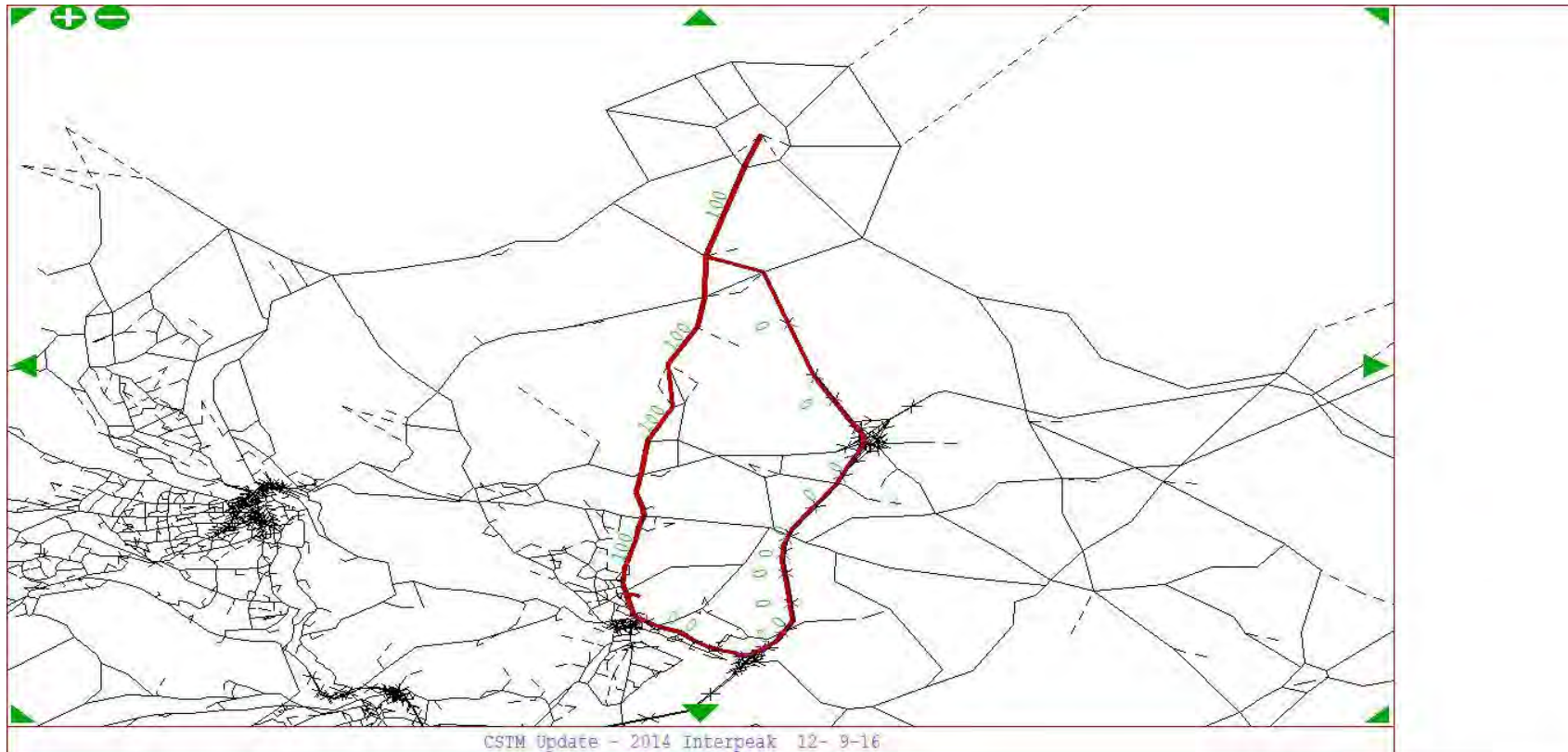


From Zone 480 To Zone 114 - User Class 6

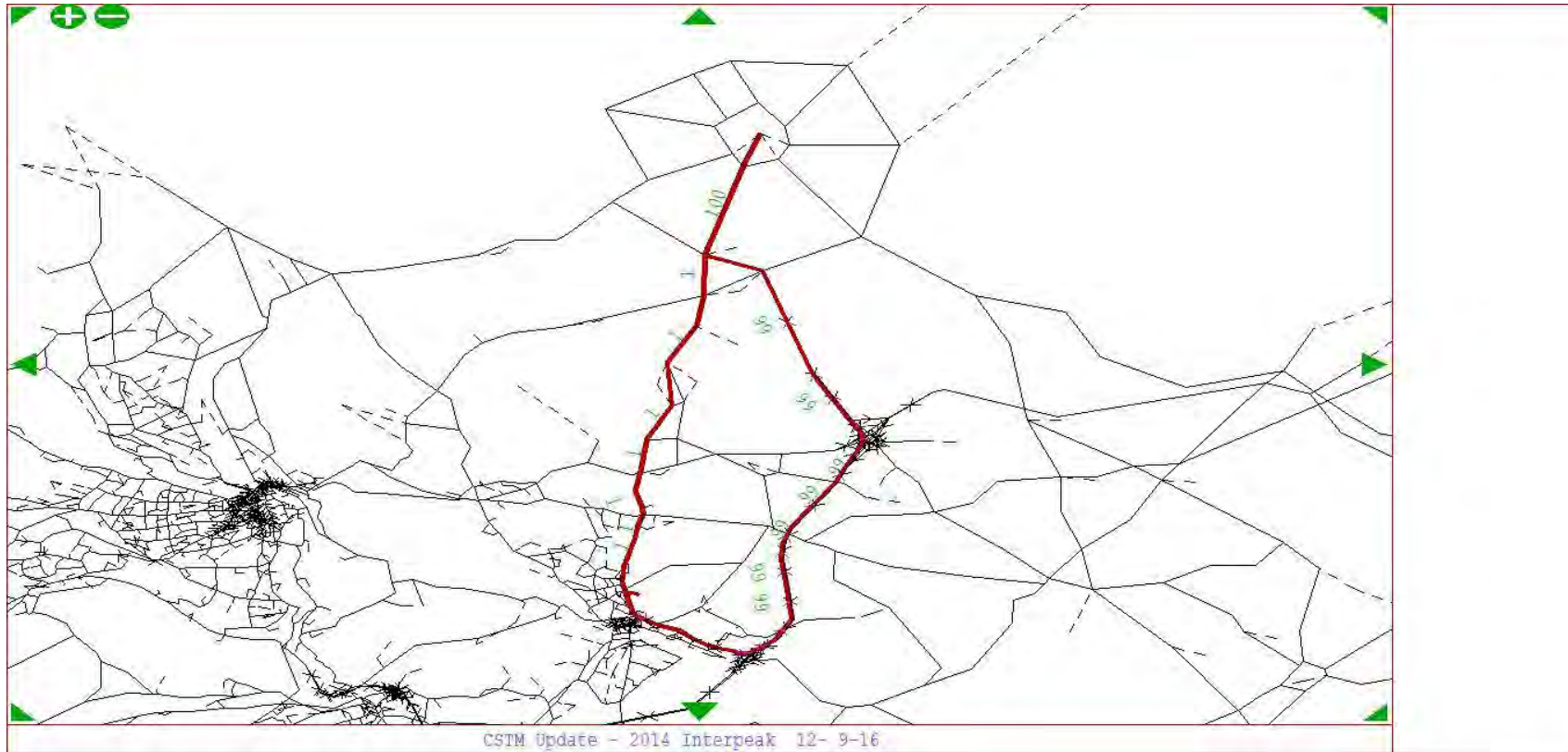


# Brighouse to Bradford

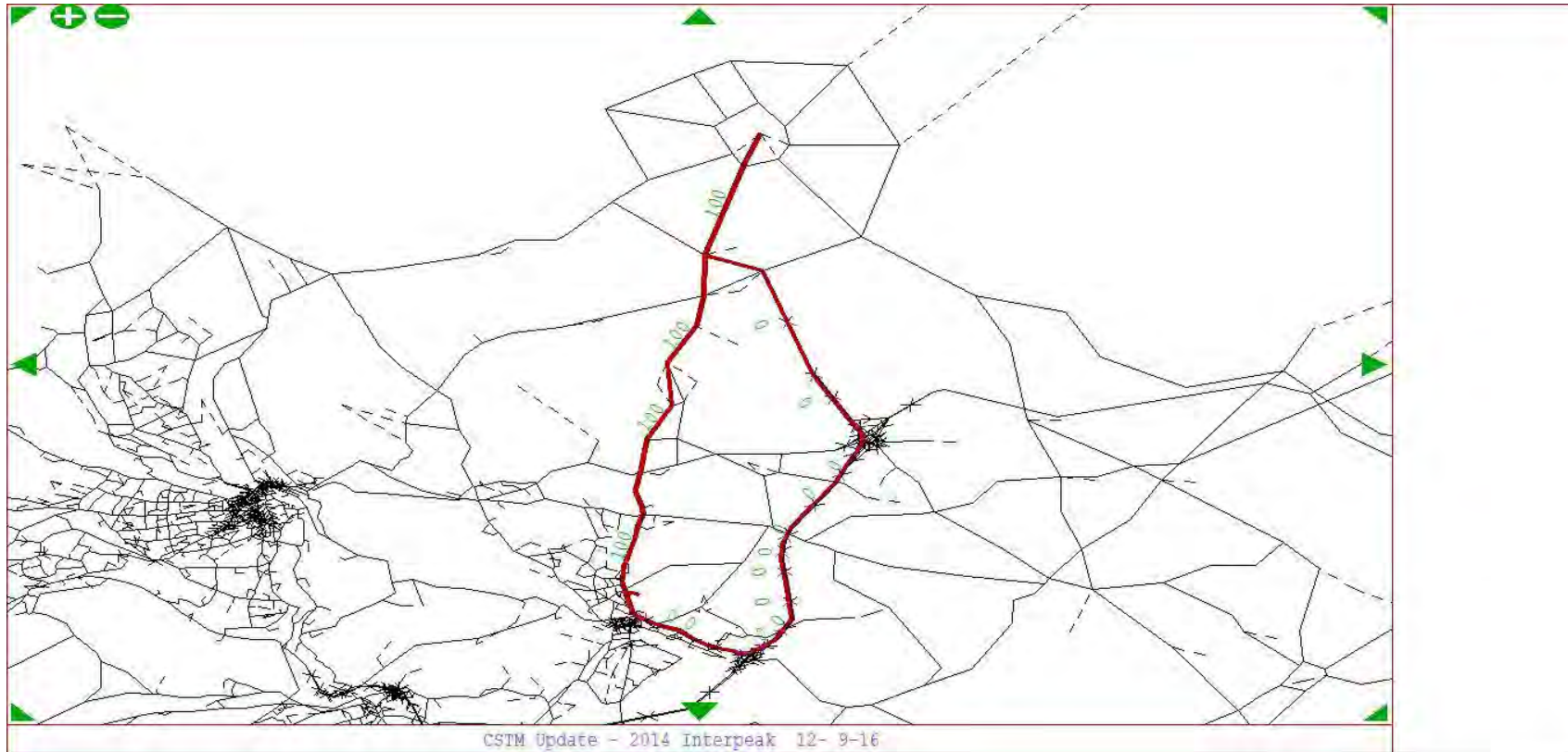
From Zone 171 To Zone 32 - User Class 1



From Zone 171 To Zone 32 - User Class 2

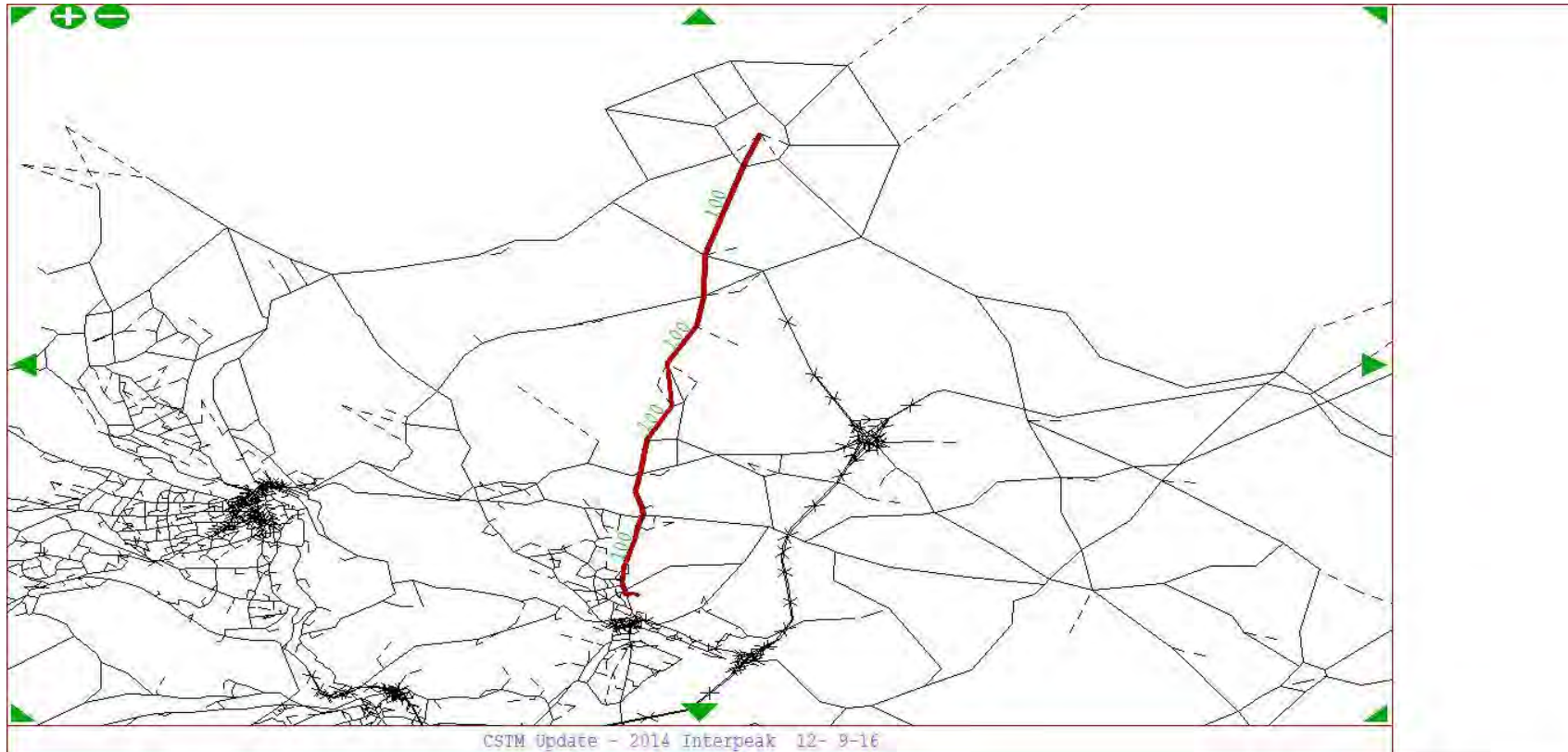


From Zone 171 To Zone 32 - User Class 3

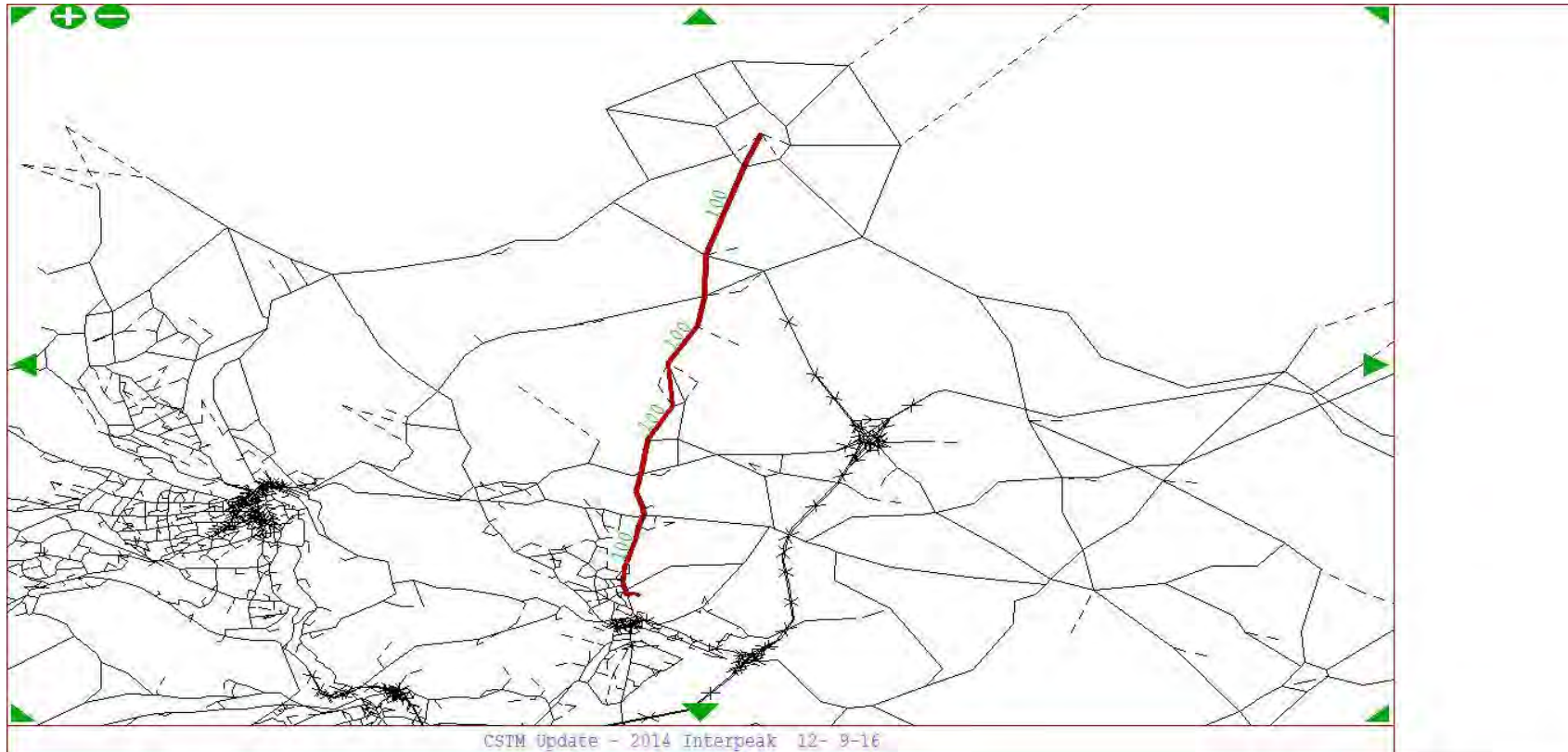




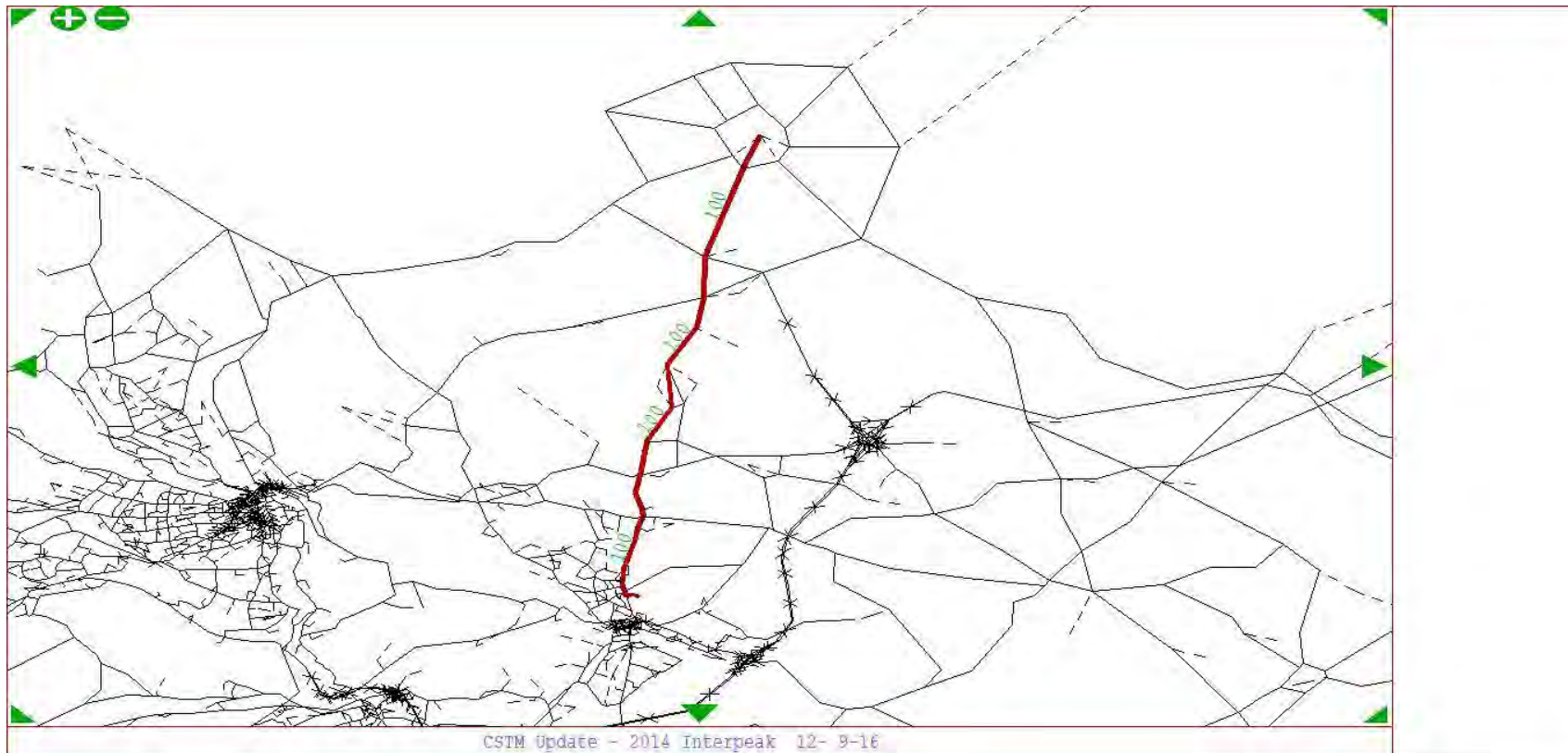
From Zone 171 To Zone 32 - User Class 4



From Zone 171 To Zone 32 - User Class 5

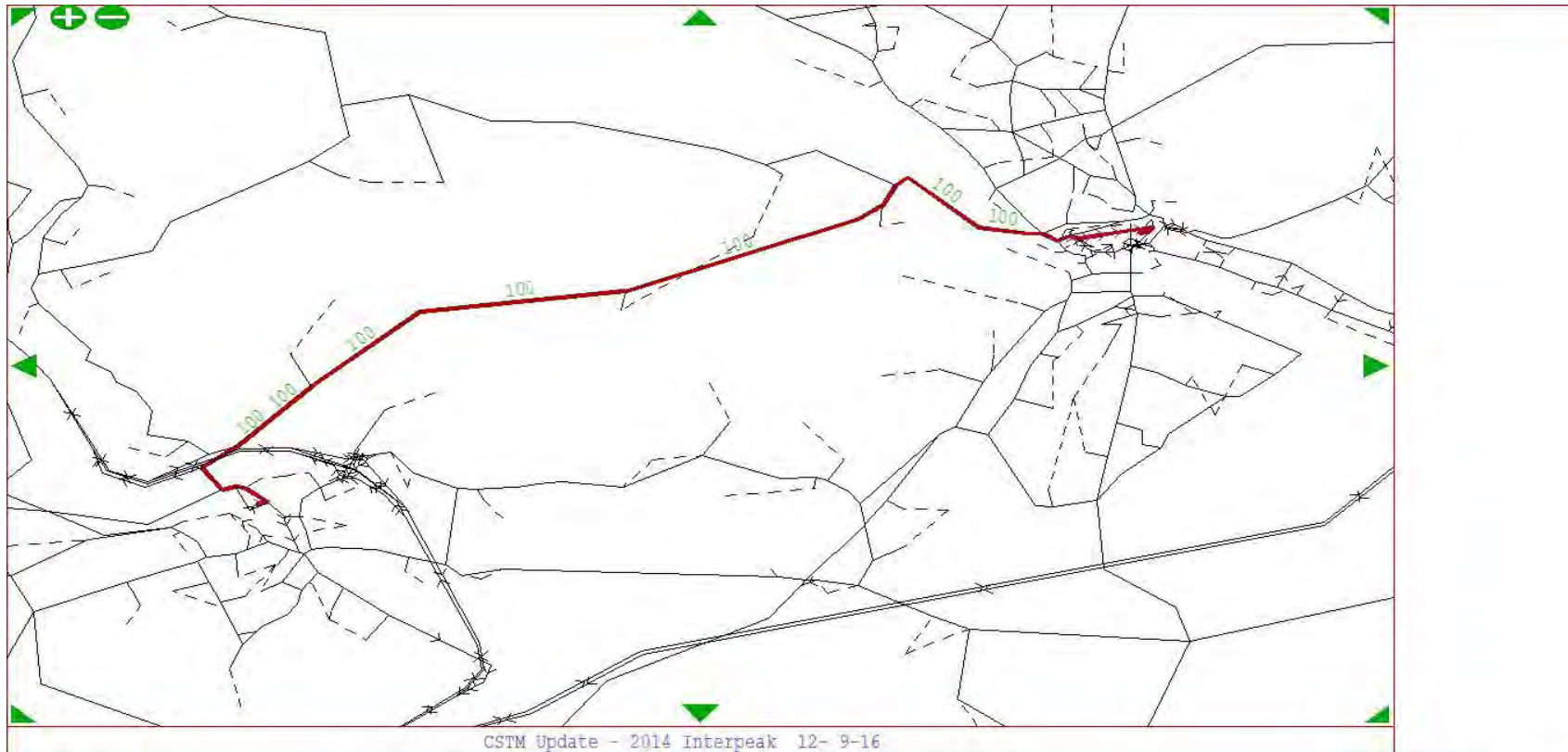


From Zone 171 To Zone 32 - User Class 6



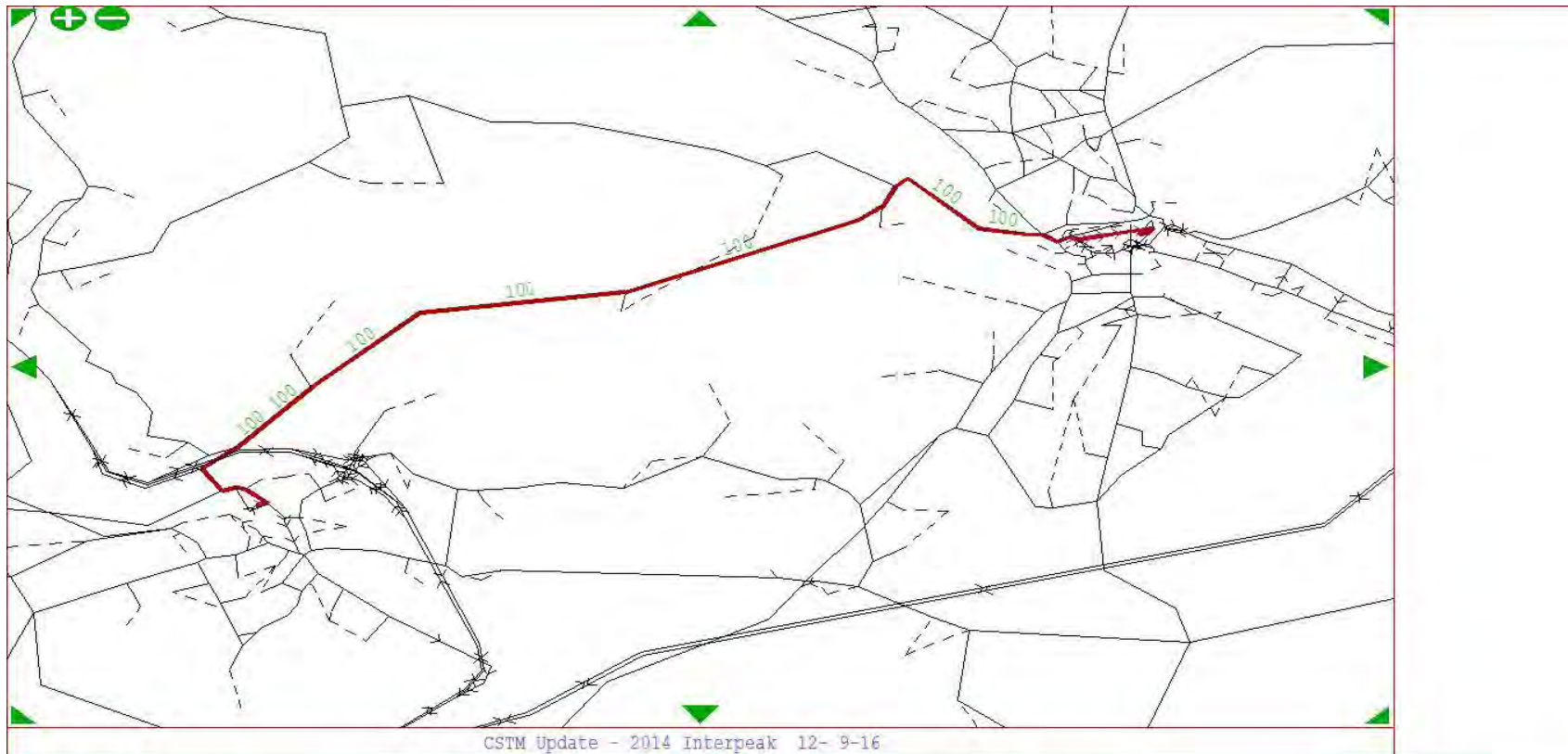
## Elland to Brighouse

From Zone 480 To Zone 458 - User Class 1

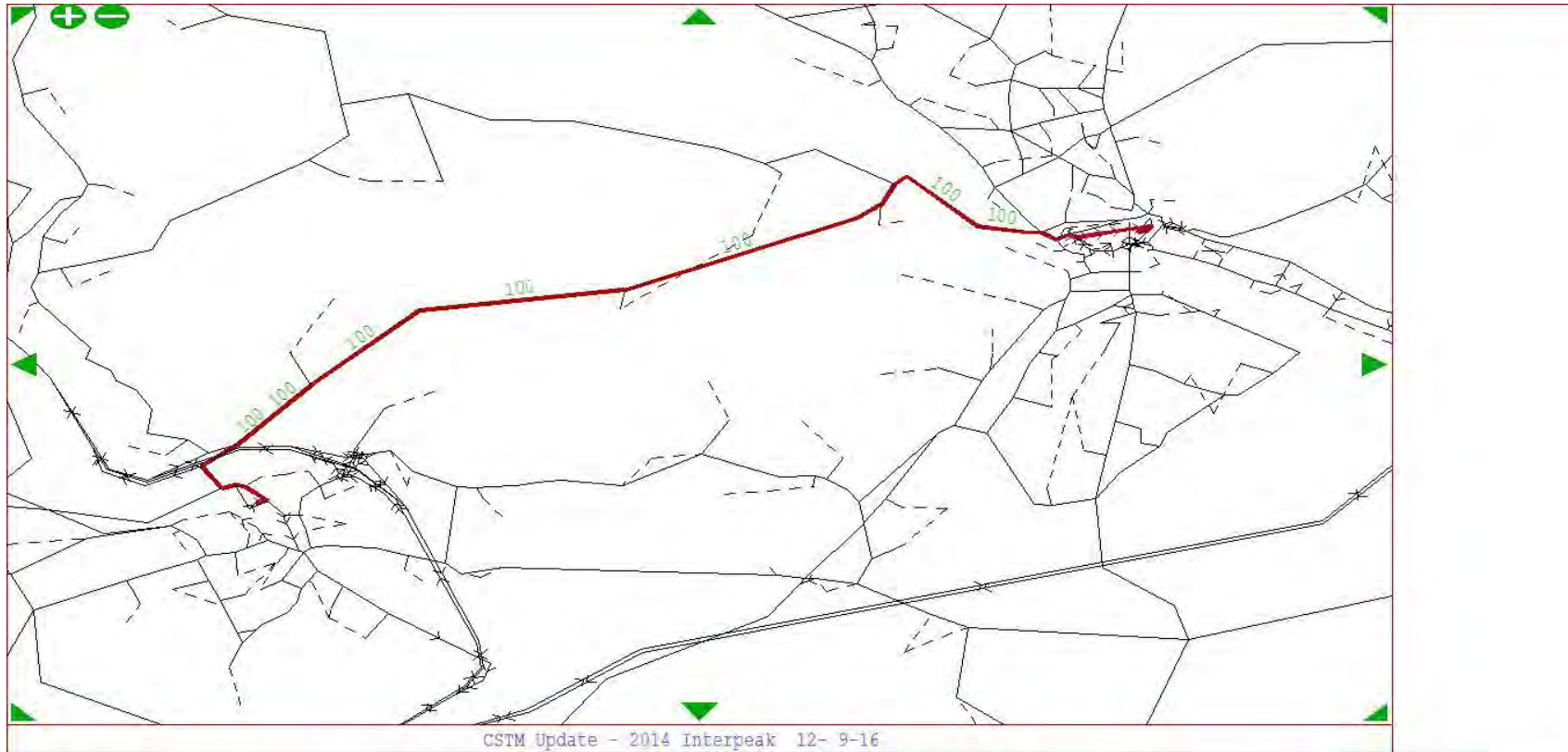




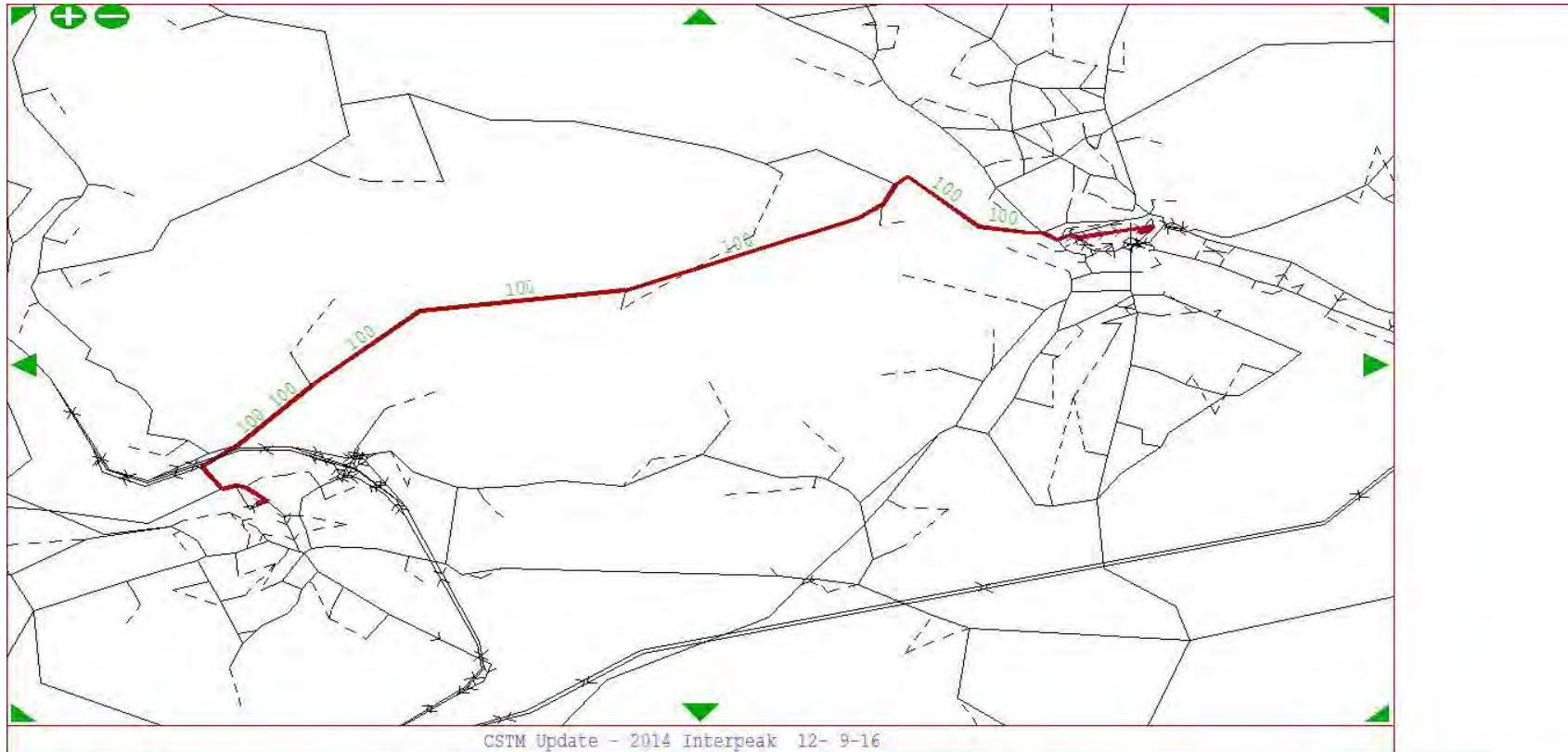
From Zone 480 To Zone 458 - User Class 2



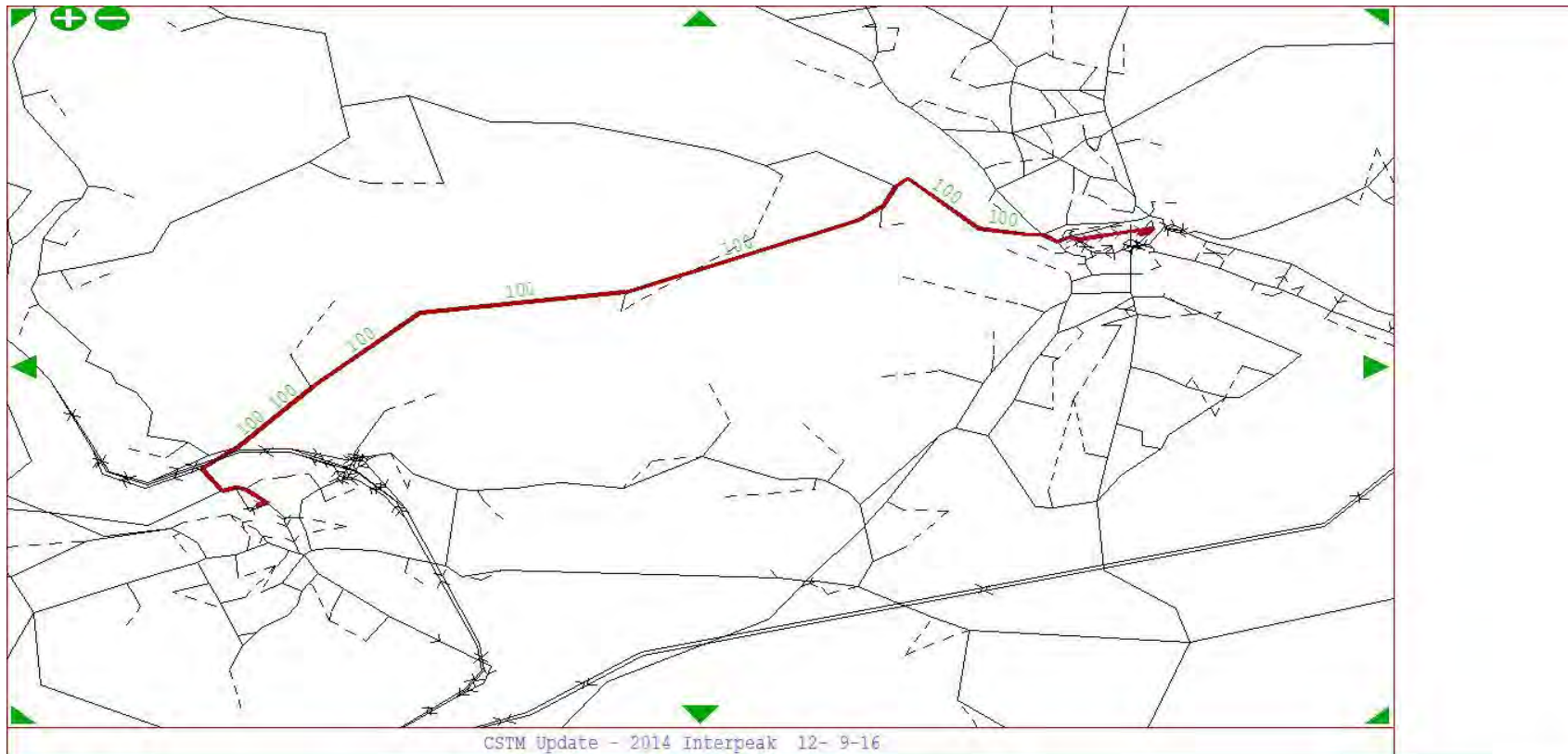
From Zone 480 To Zone 458 - User Class 3



From Zone 480 To Zone 458 - User Class 4

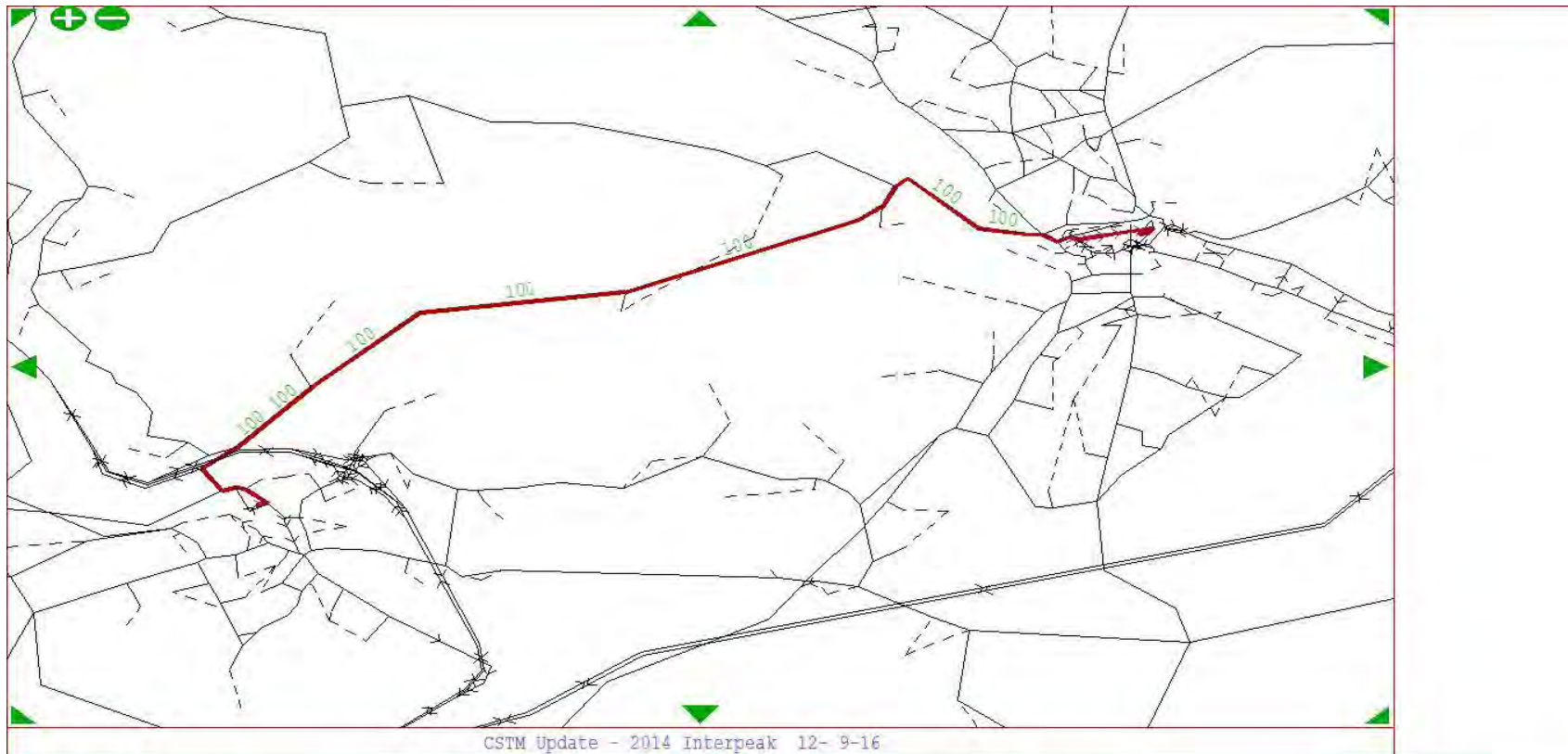


From Zone 480 To Zone 458 - User Class 5



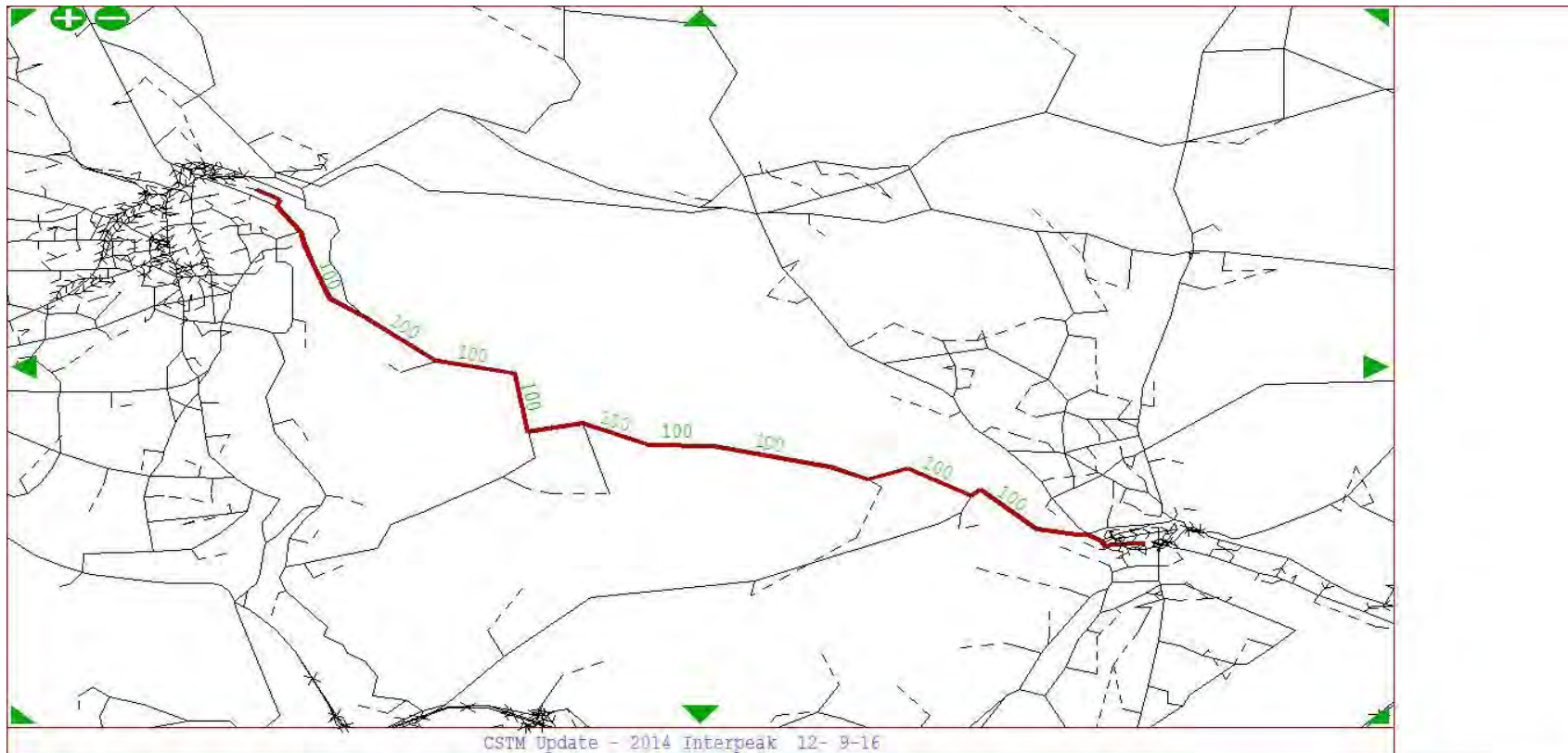


From Zone 480 To Zone 458 - User Class 6

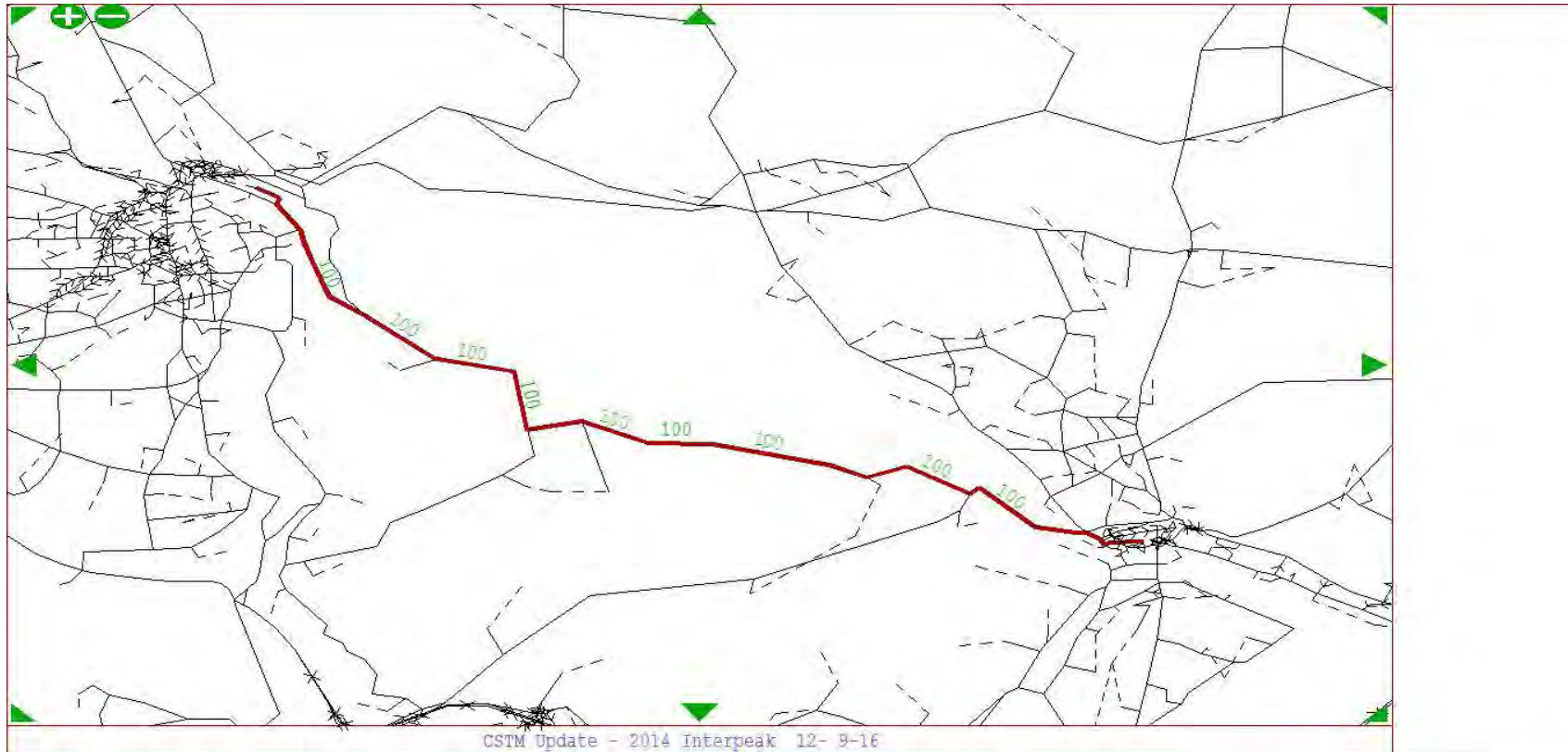


From Zone 109 To Zone 158 - User Class 1

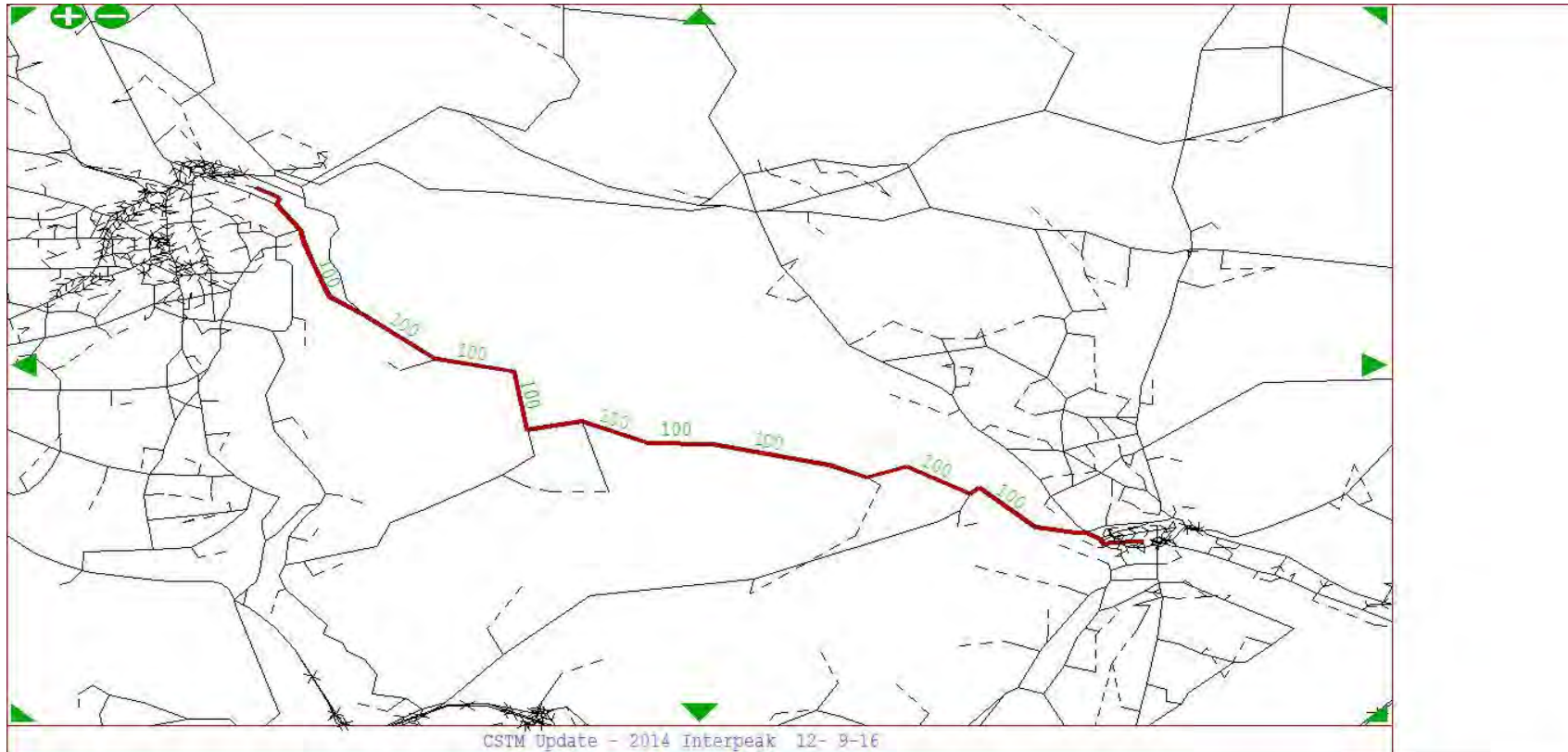
From Zone 109 To Zone 158 - User Class 1



From Zone 109 To Zone 158 - User Class 2

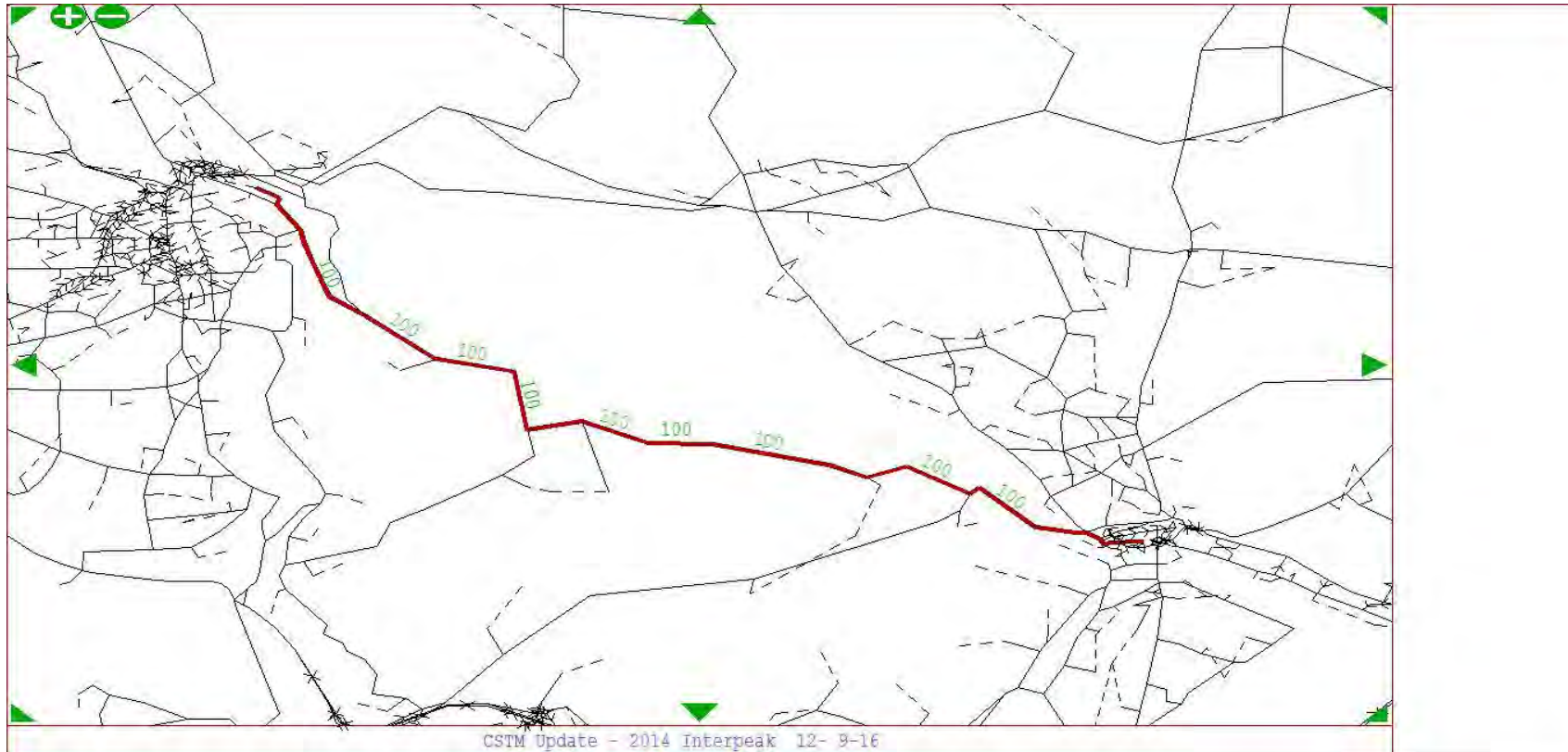


From Zone 109 To Zone 158 - User Class 3

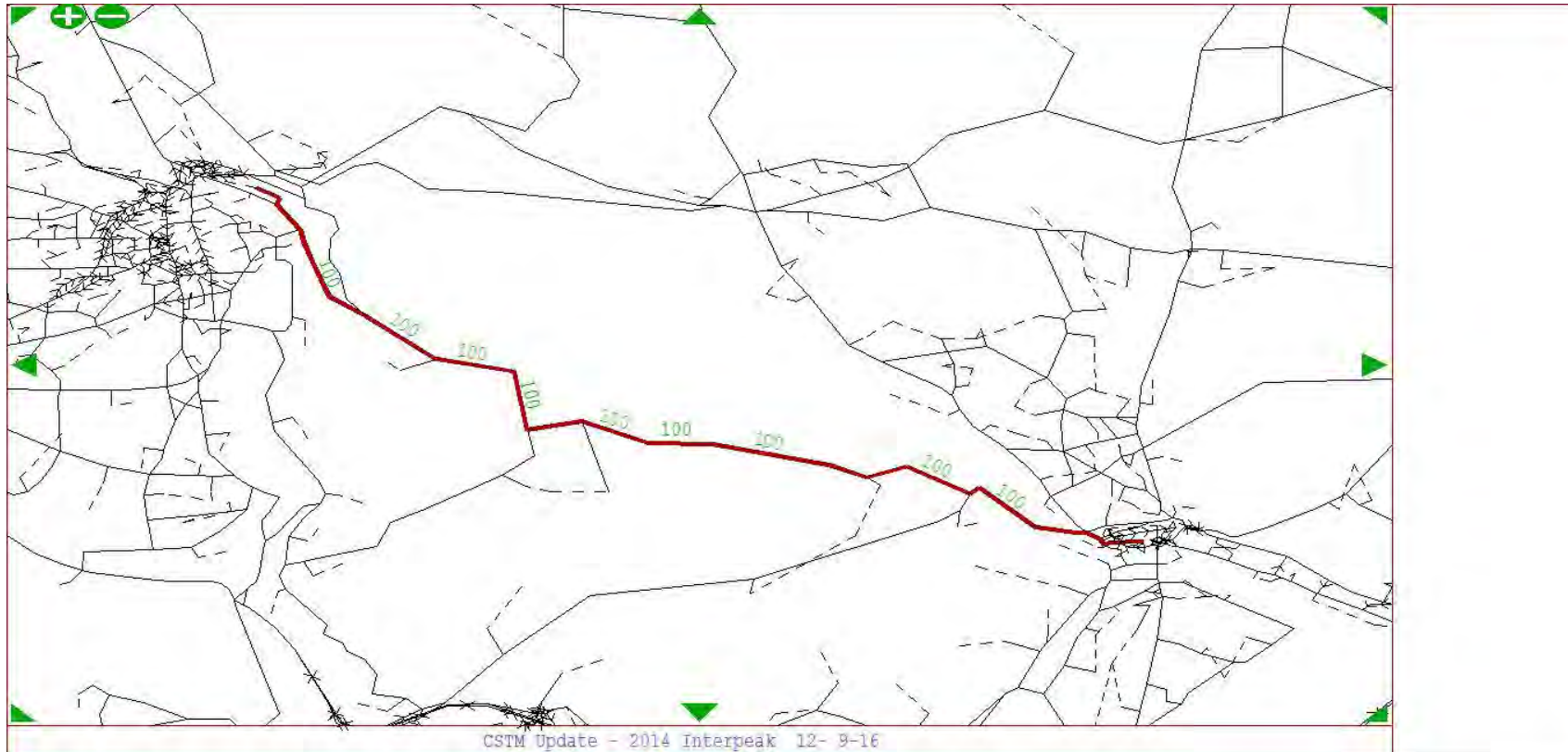




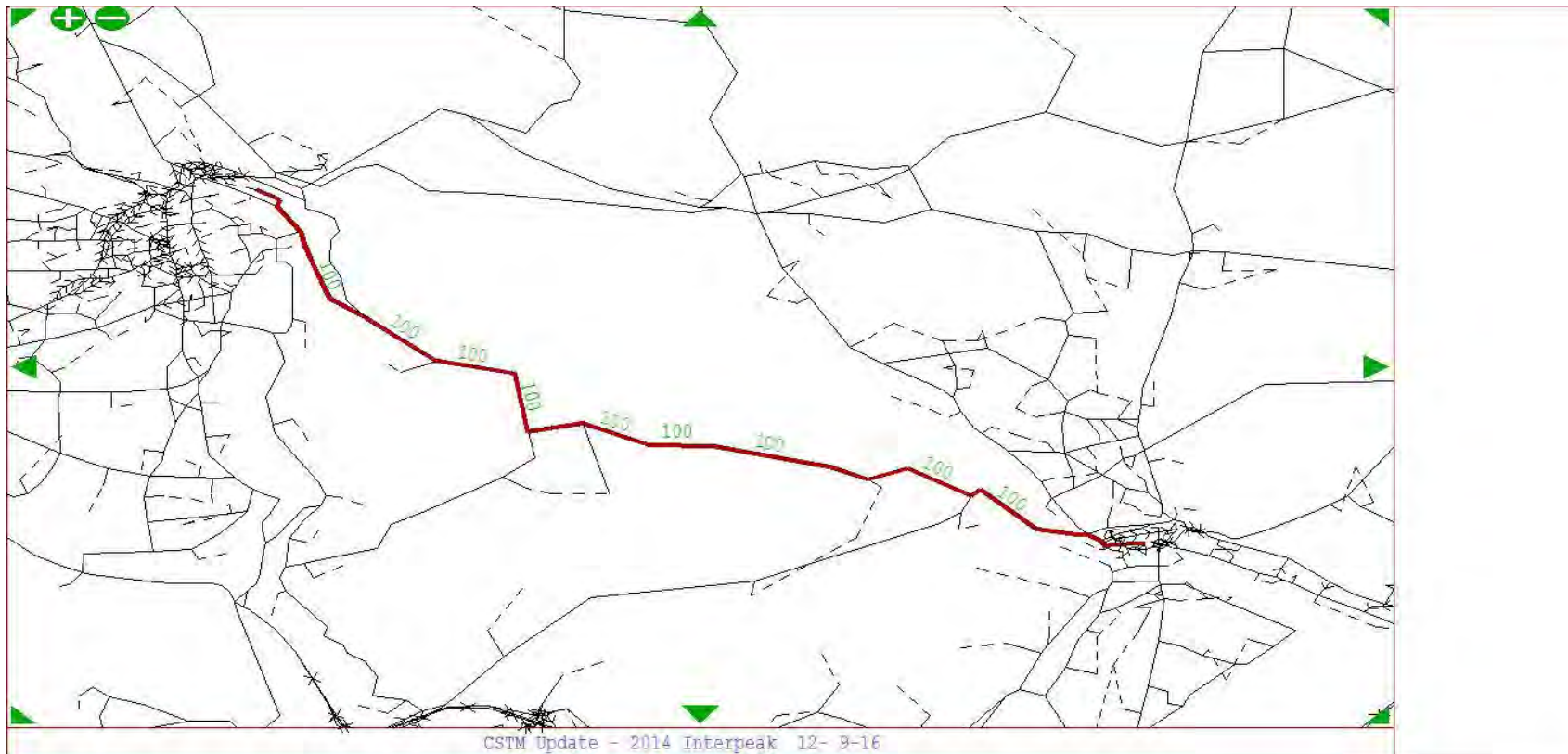
From Zone 109 To Zone 158 - User Class 4



From Zone 109 To Zone 158 - User Class 5

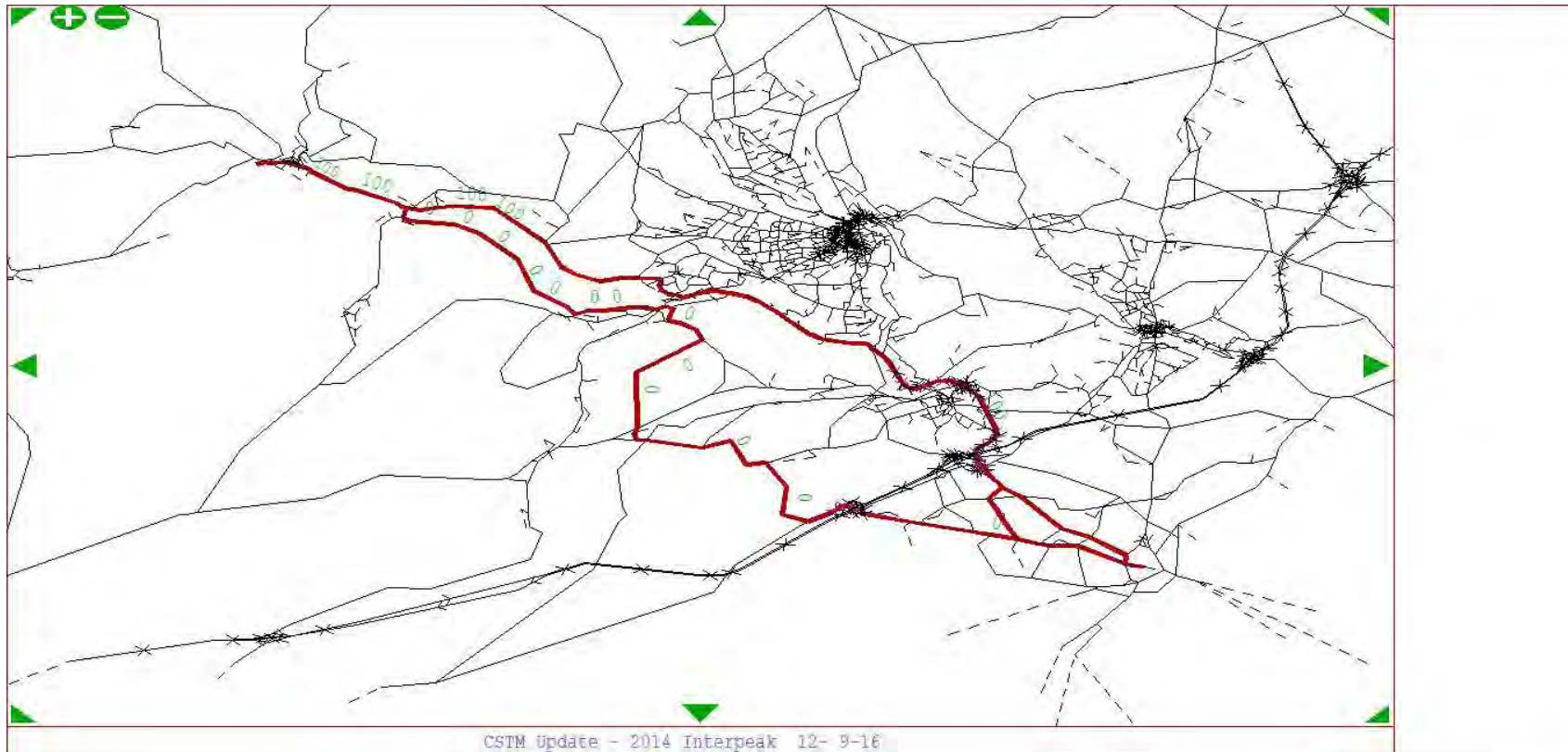


From Zone 109 To Zone 158 - User Class 6



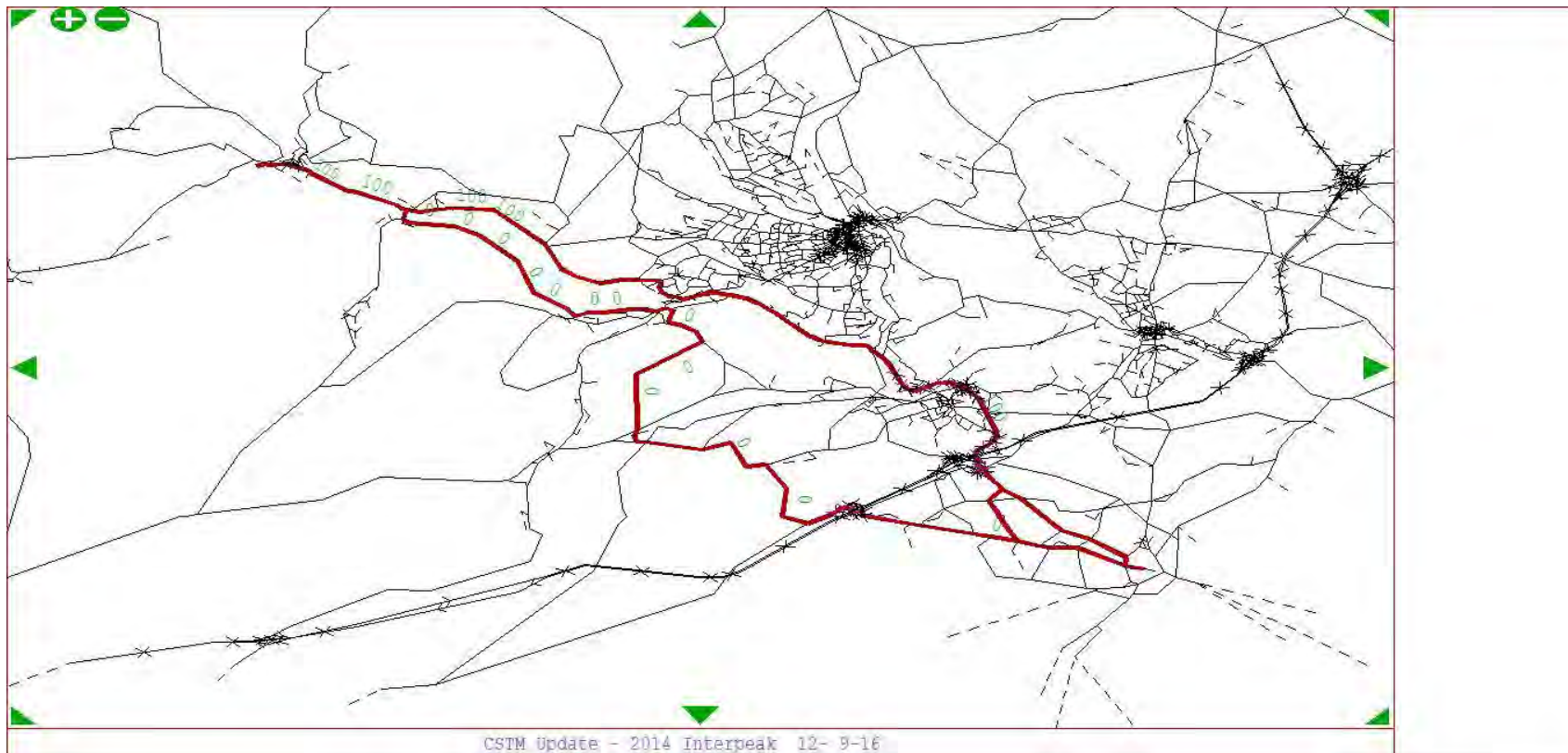
## Hebden Bridge to Huddersfield

From Zone 192 To Zone 909 - User Class 1

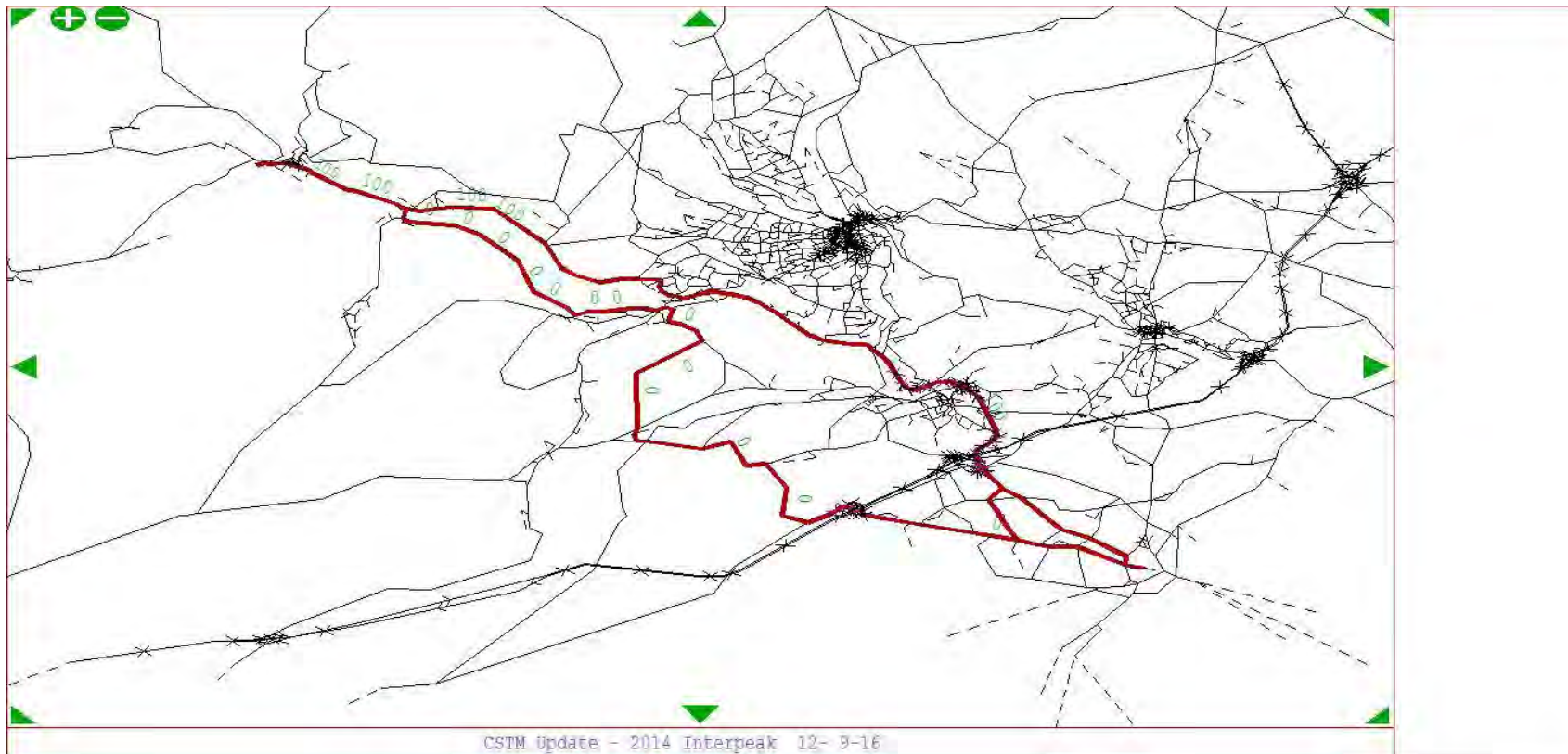




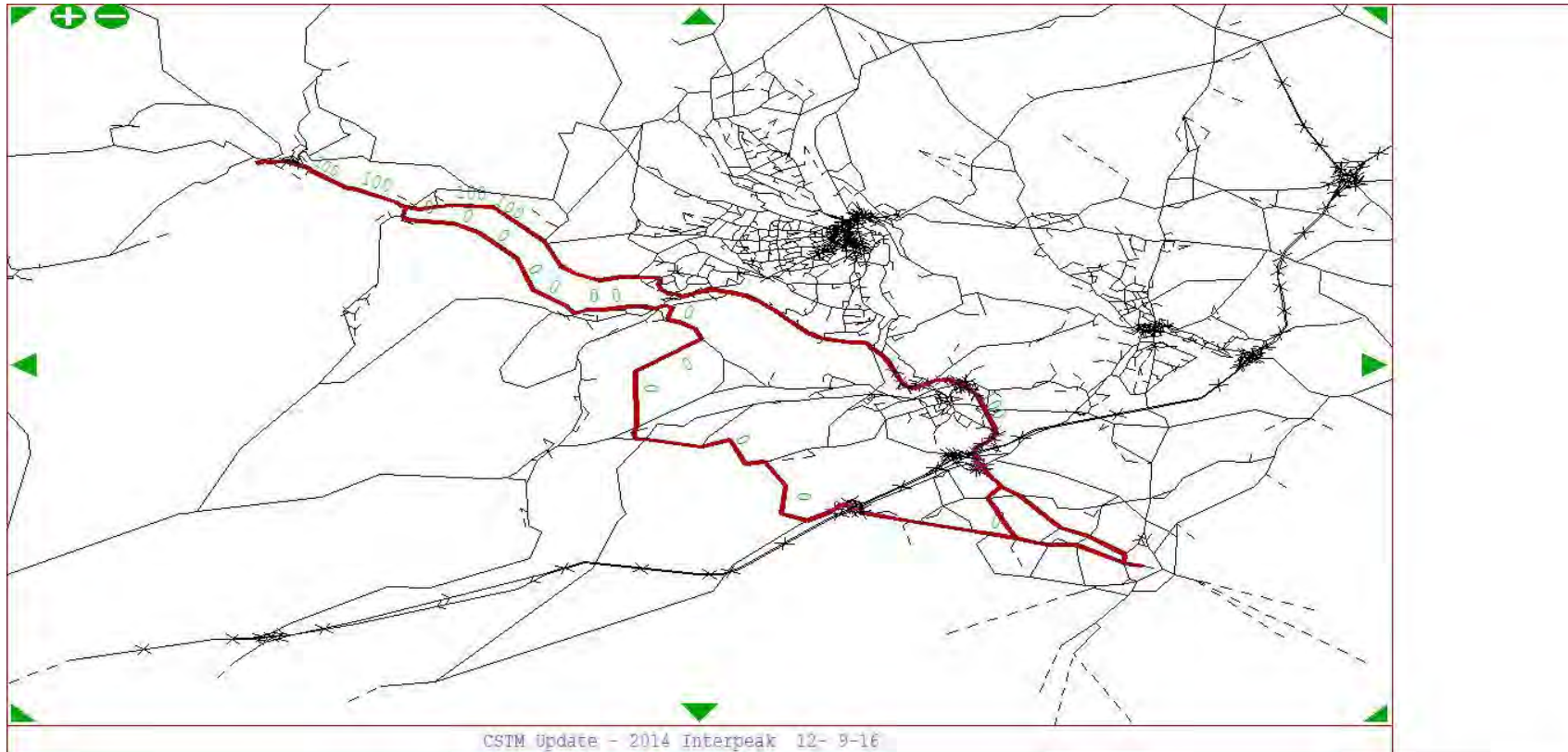
From Zone 192 To Zone 909 - User Class 2



From Zone 192 To Zone 909 - User Class 3

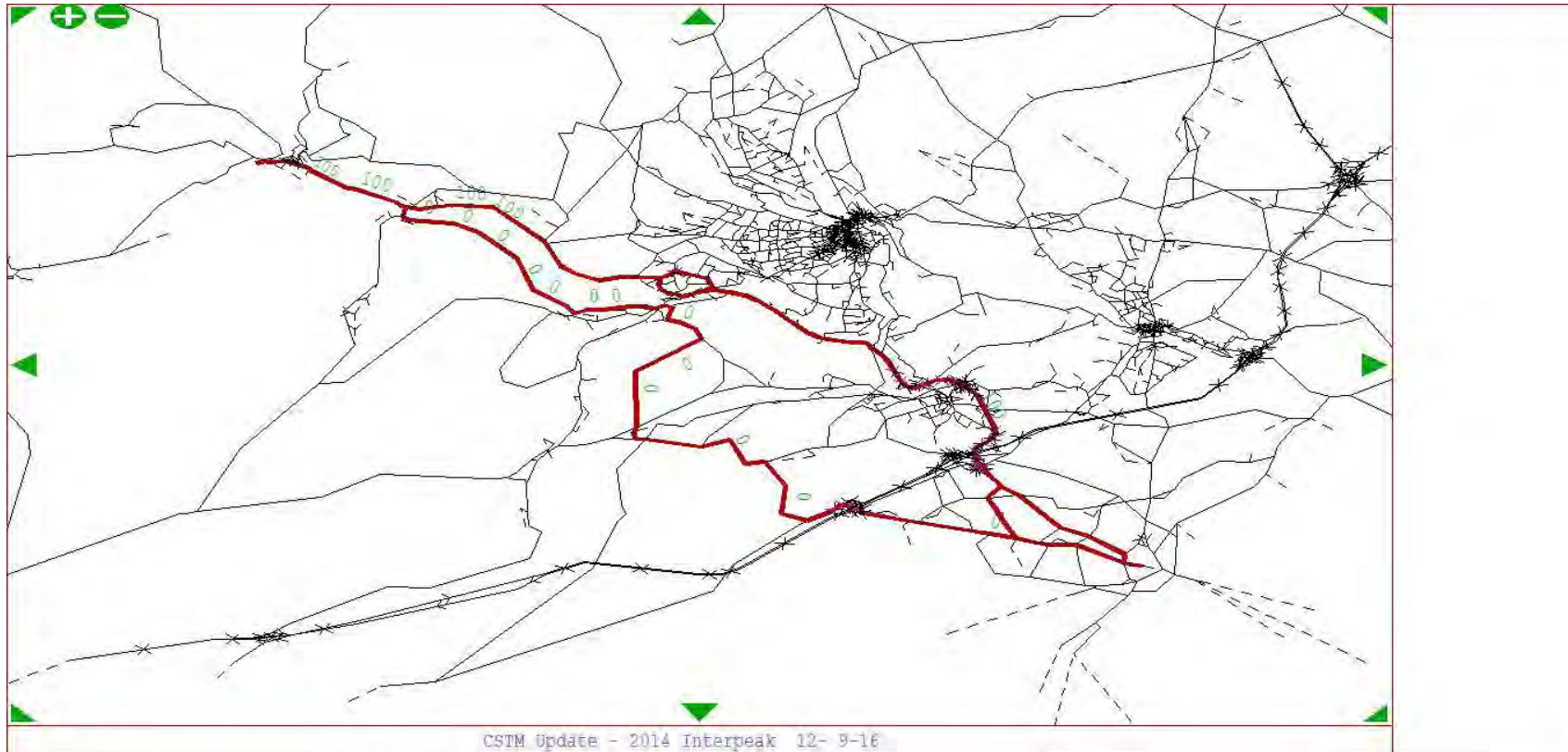


From Zone 192 To Zone 909 - User Class 4



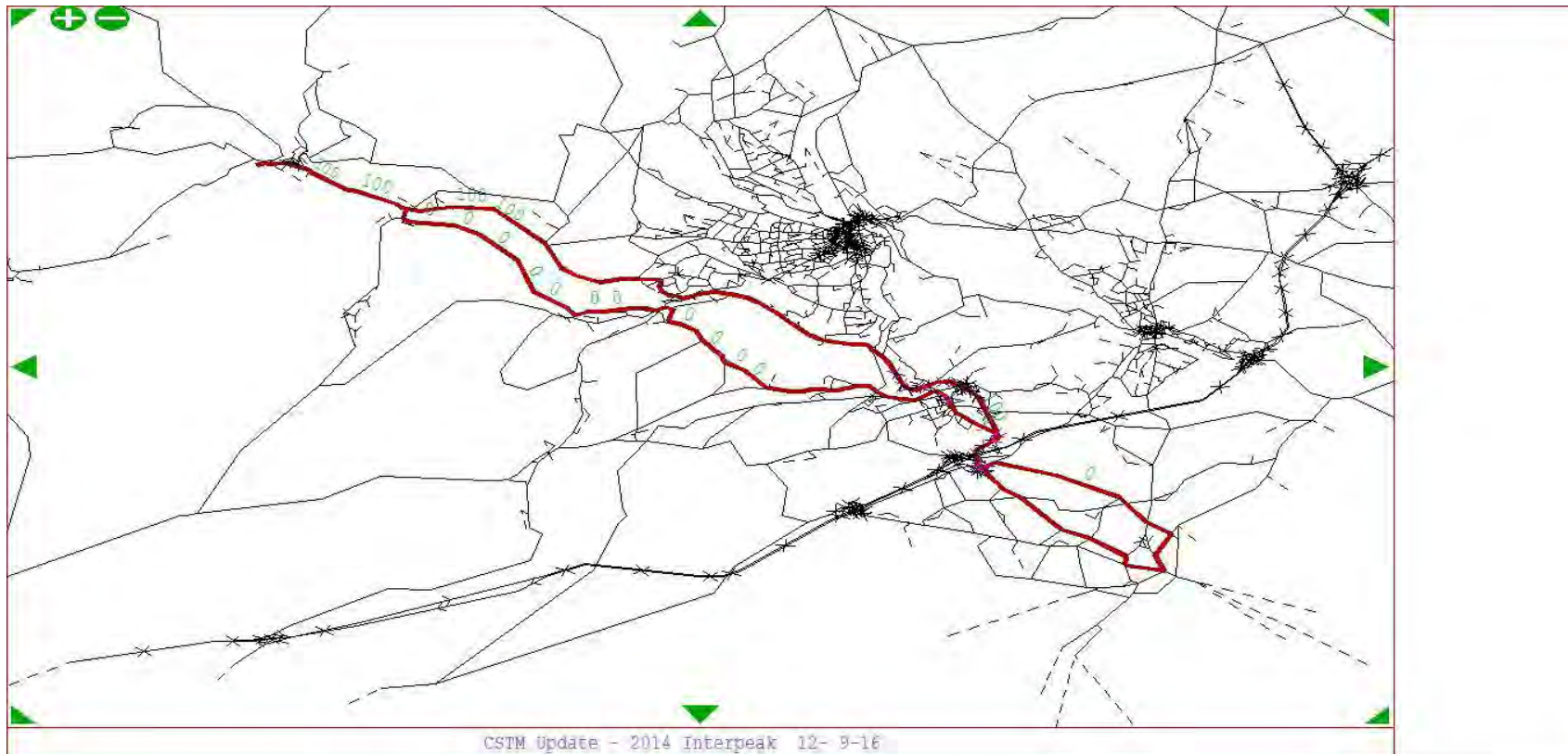


From Zone 192 To Zone 909 - User Class 5



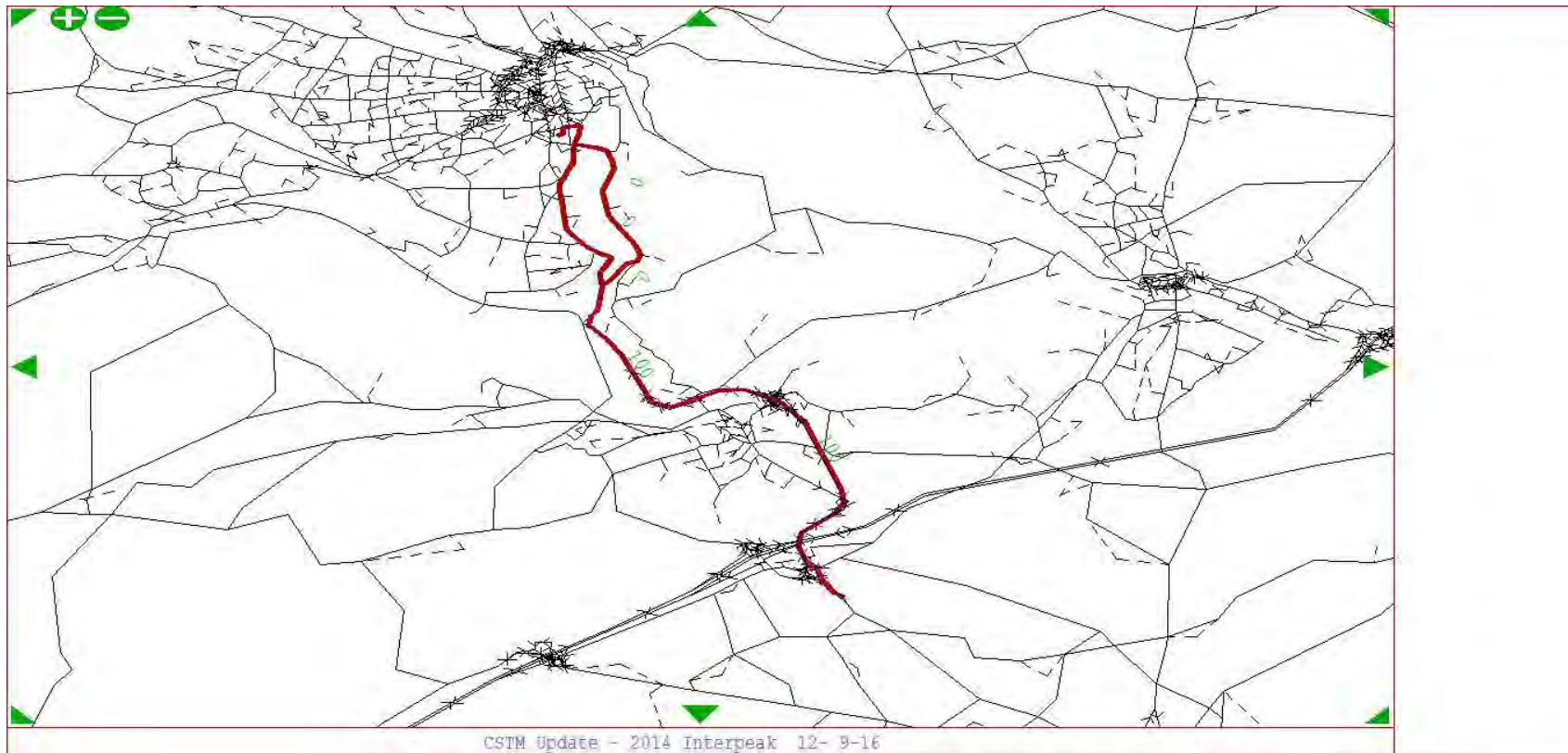


From Zone 192 To Zone 909 - User Class 6

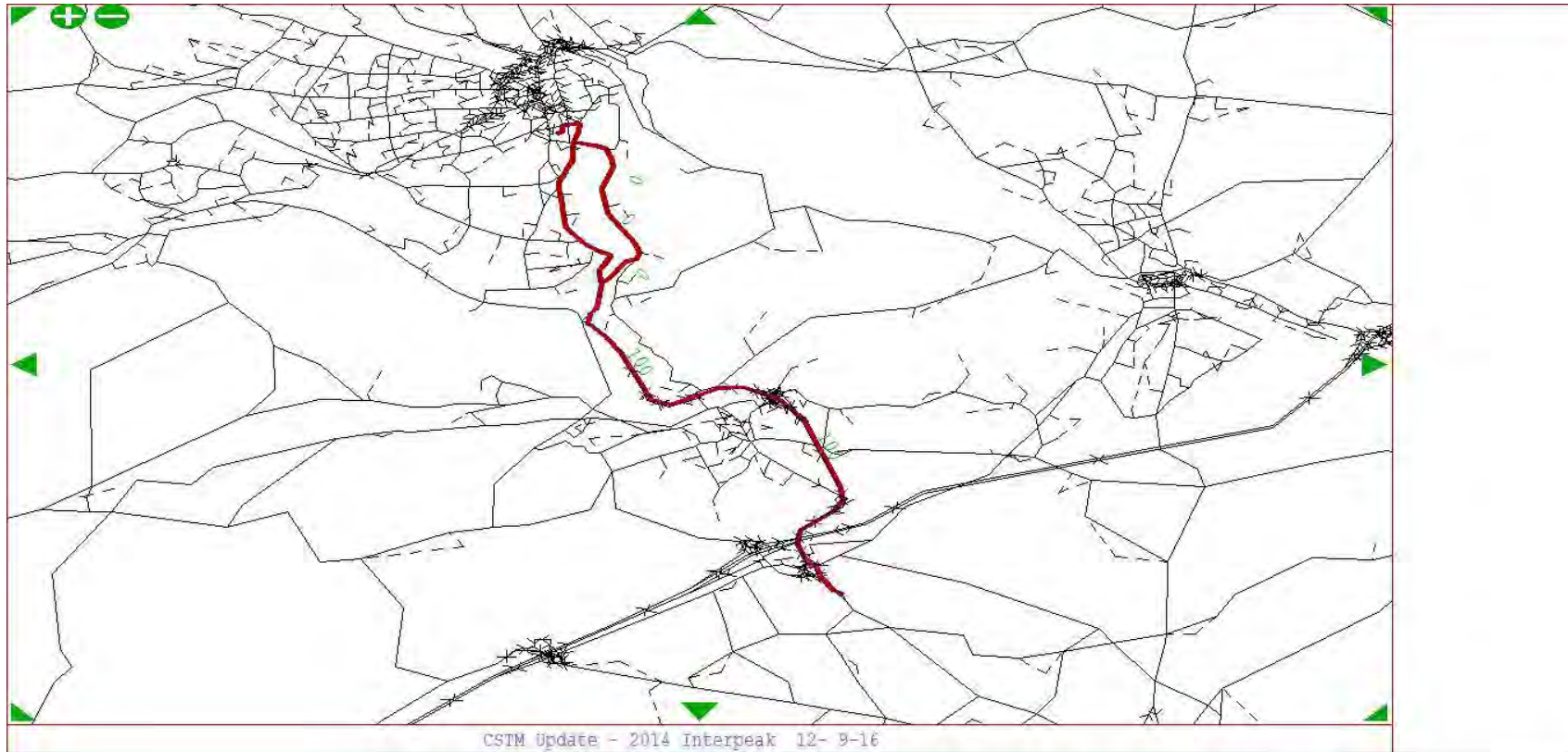


## Halifax Town Centre to Ainley Top (Junction 24 M62)

From Zone 412 To Zone 917 - User Class 1

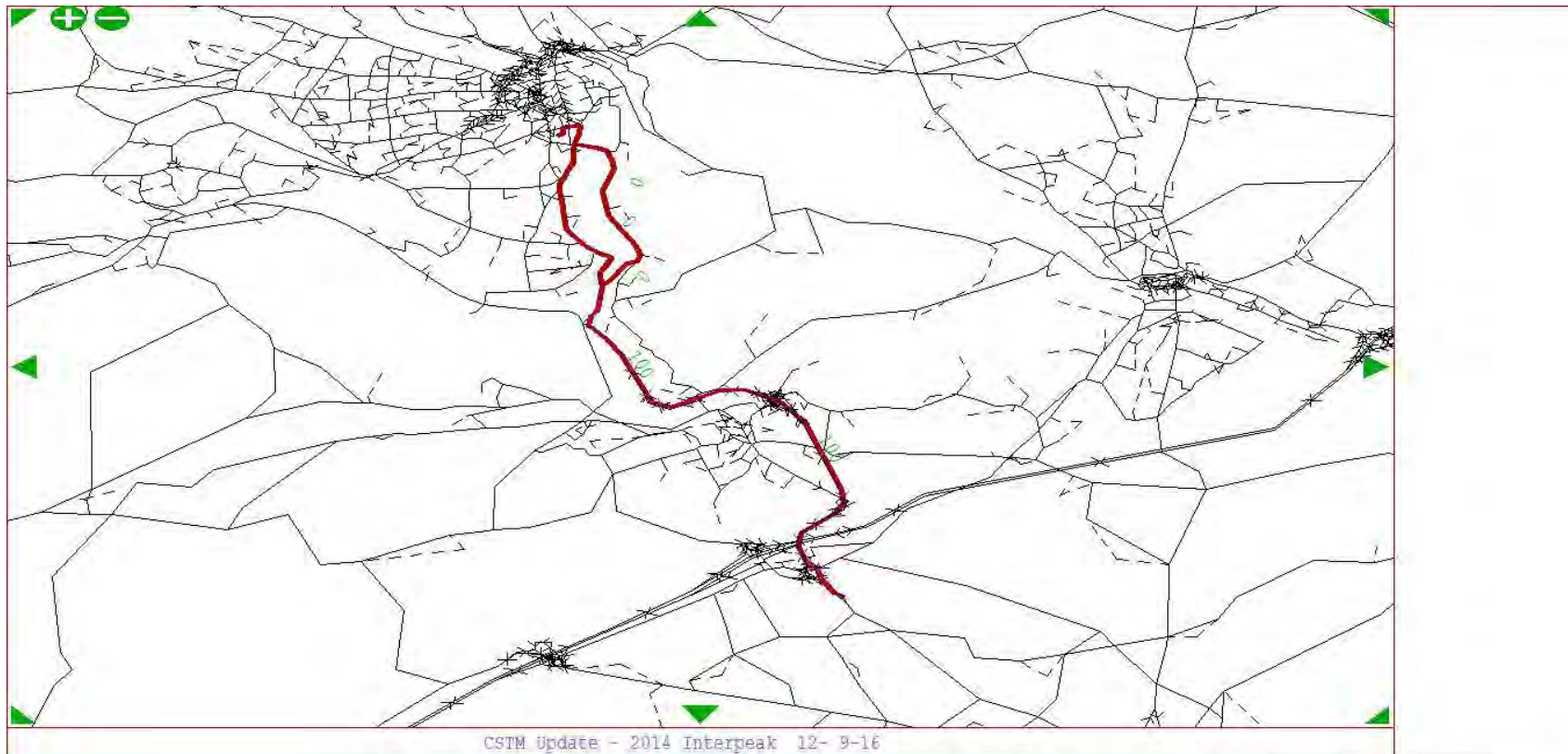


From Zone 412 To Zone 917 - User Class 2



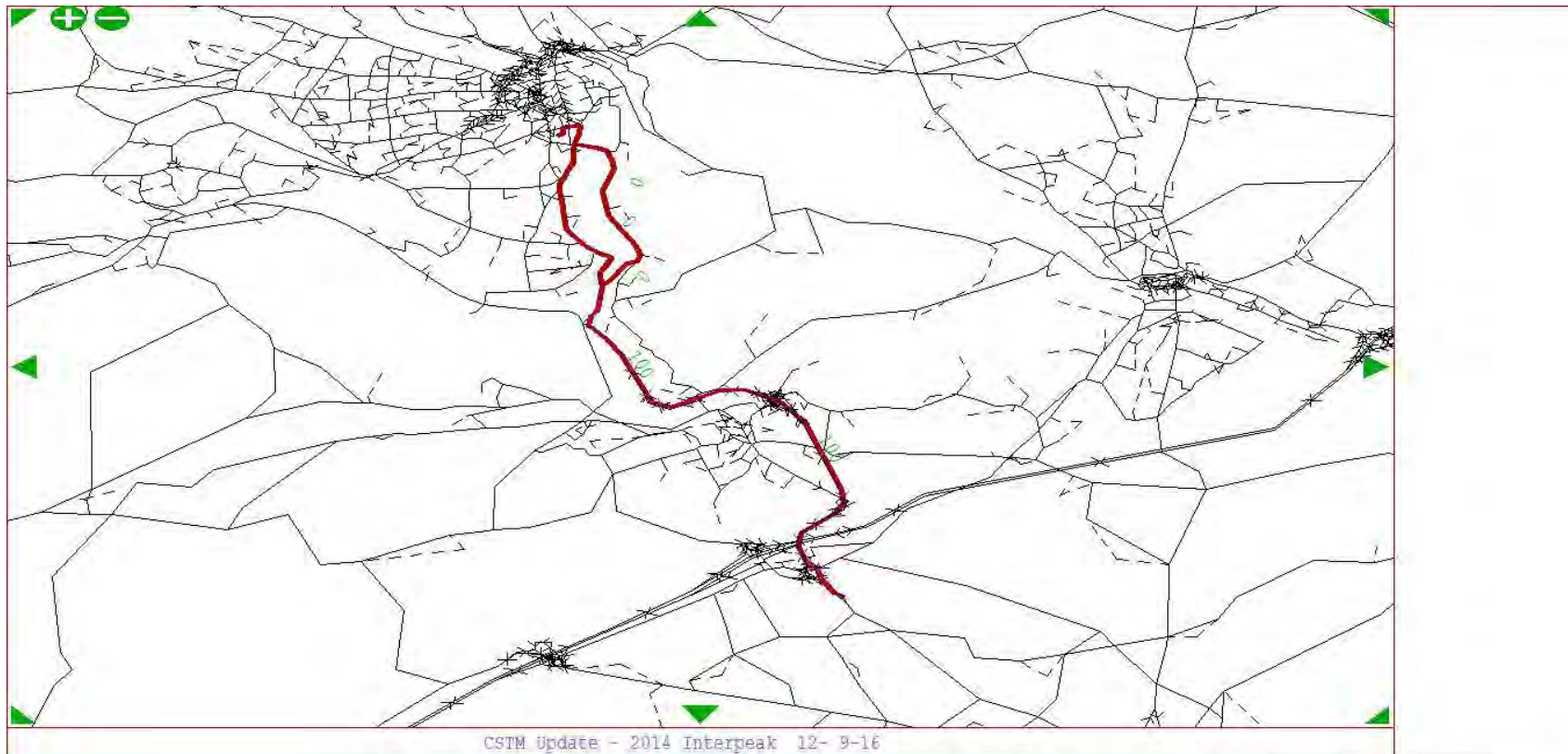


From Zone 412 To Zone 917 - User Class 3

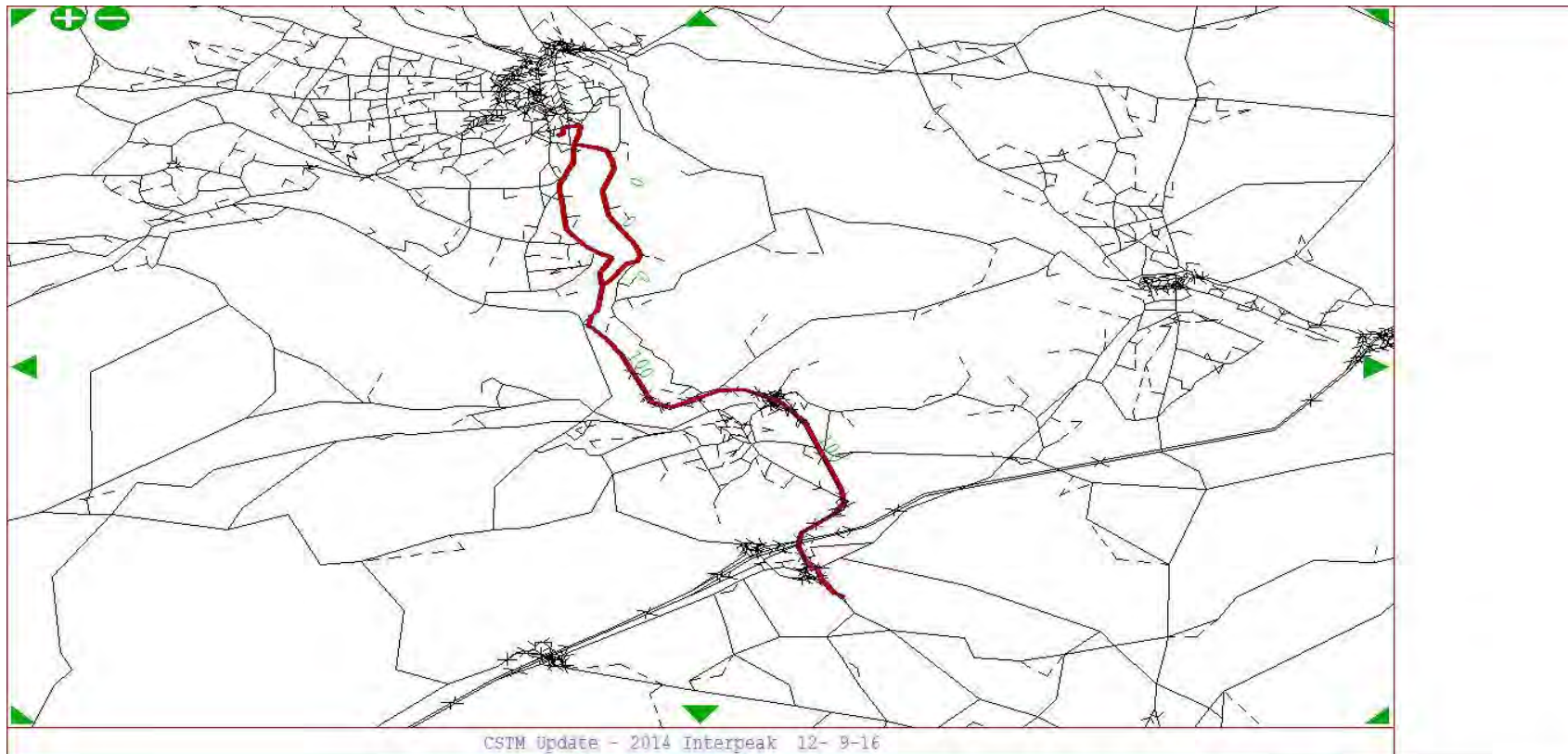




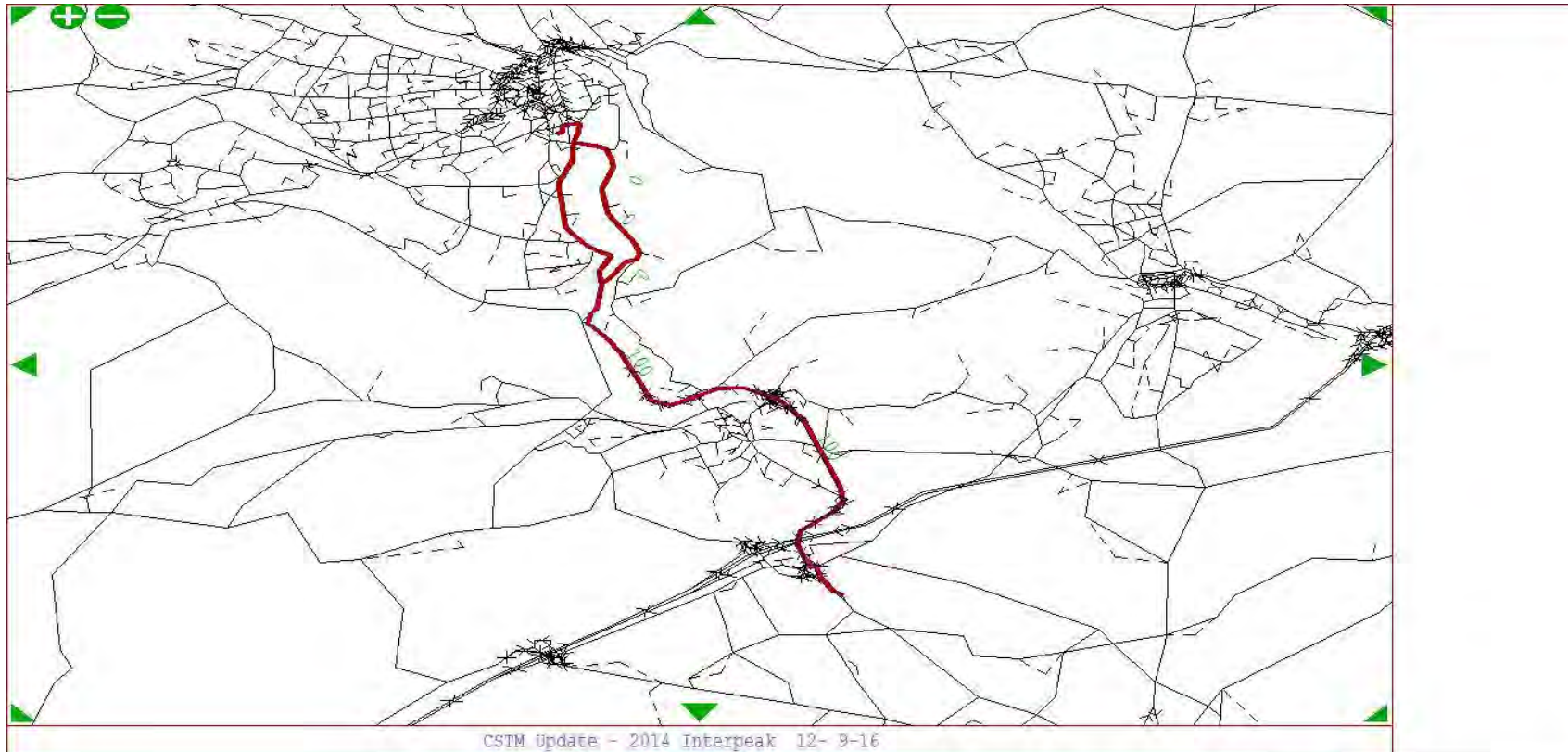
From Zone 412 To Zone 917 - User Class 4



From Zone 412 To Zone 917 - User Class 5



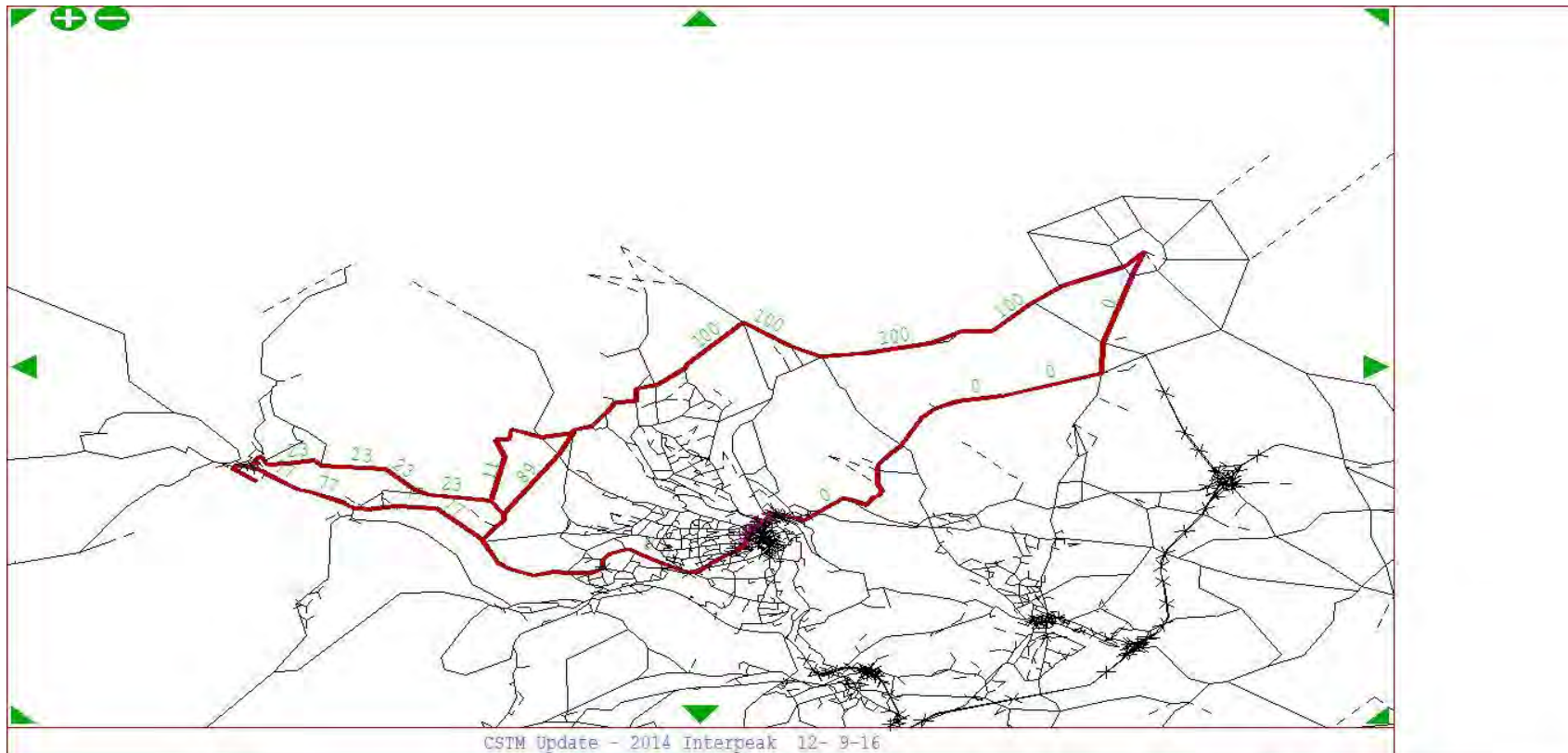
From Zone 412 To Zone 917 - User Class 6





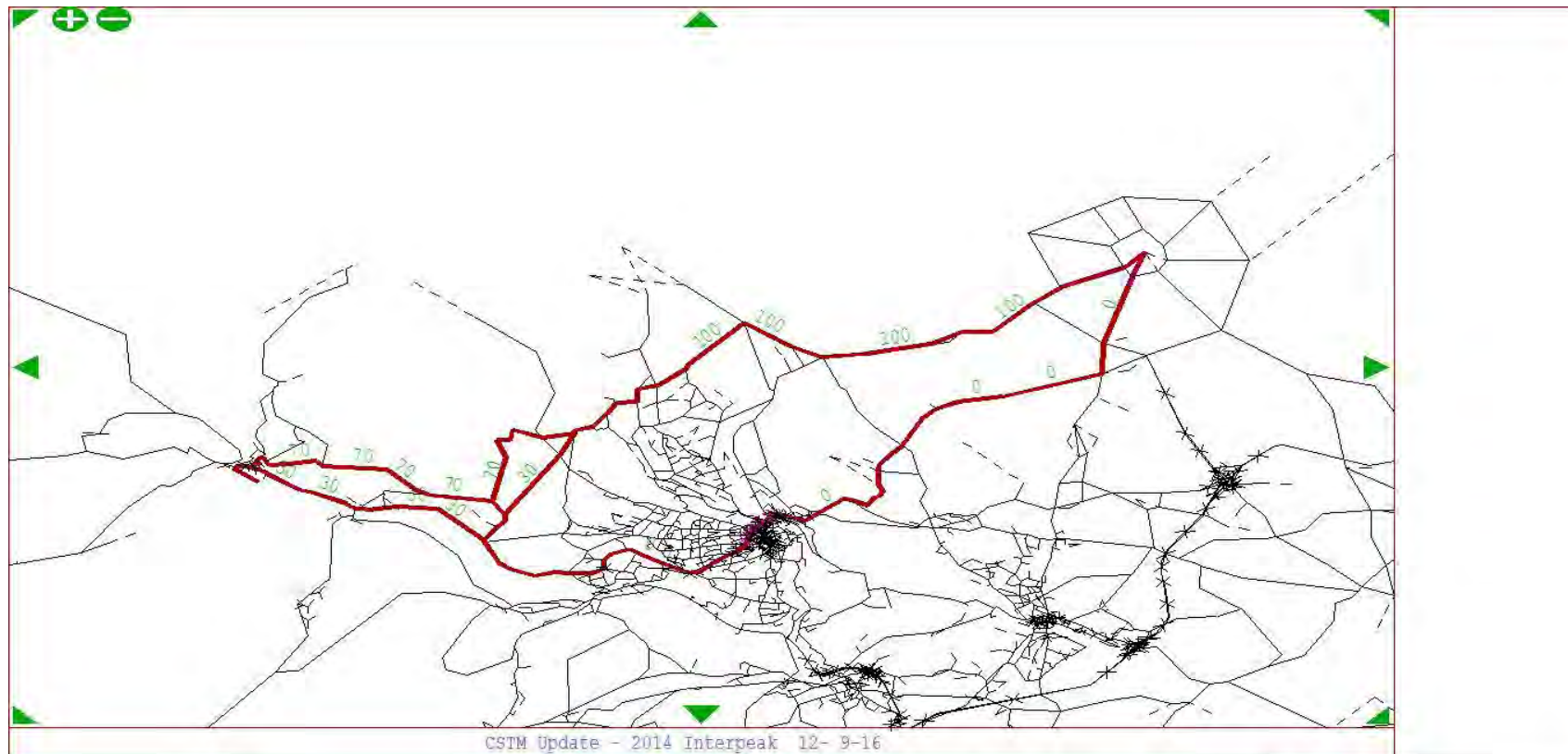
## Hebden Bridge to Bradford

From Zone 194 To Zone 32 - User Class 1

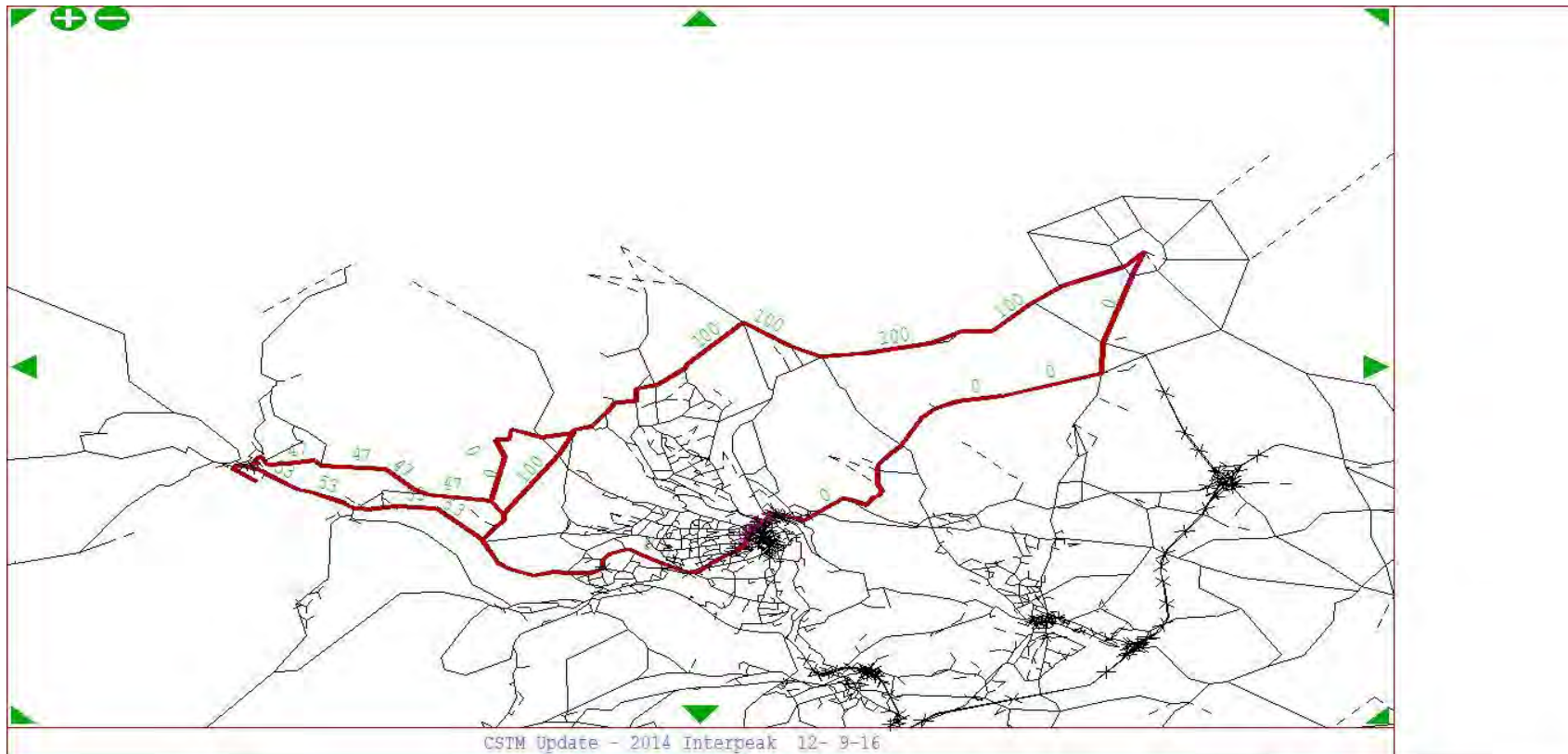




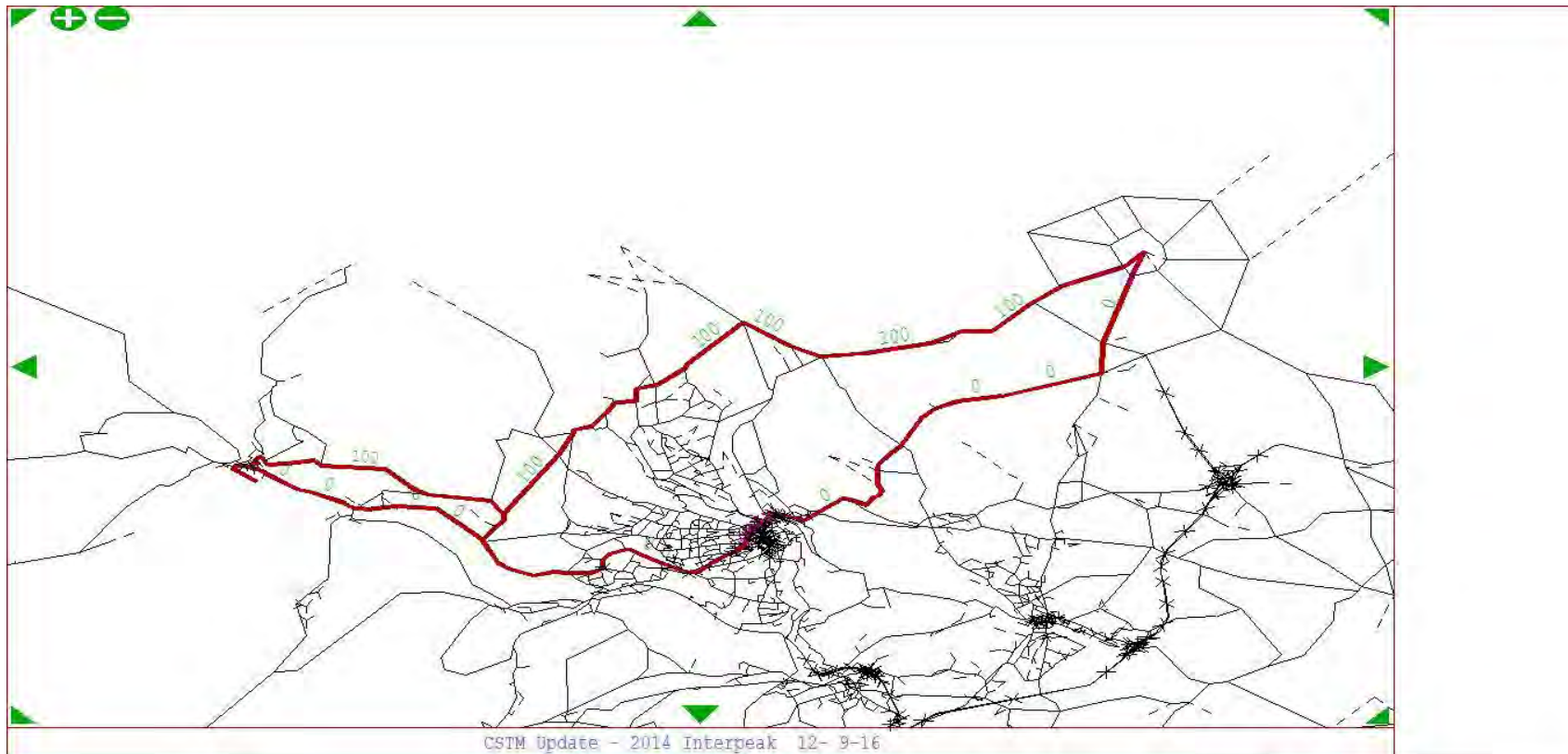
From Zone 194 To Zone 32 - User Class 2



From Zone 194 To Zone 32 - User Class 3



From Zone 194 To Zone 32 - User Class 4



CSTM Update - 2014 Interpeak 12- 9-16

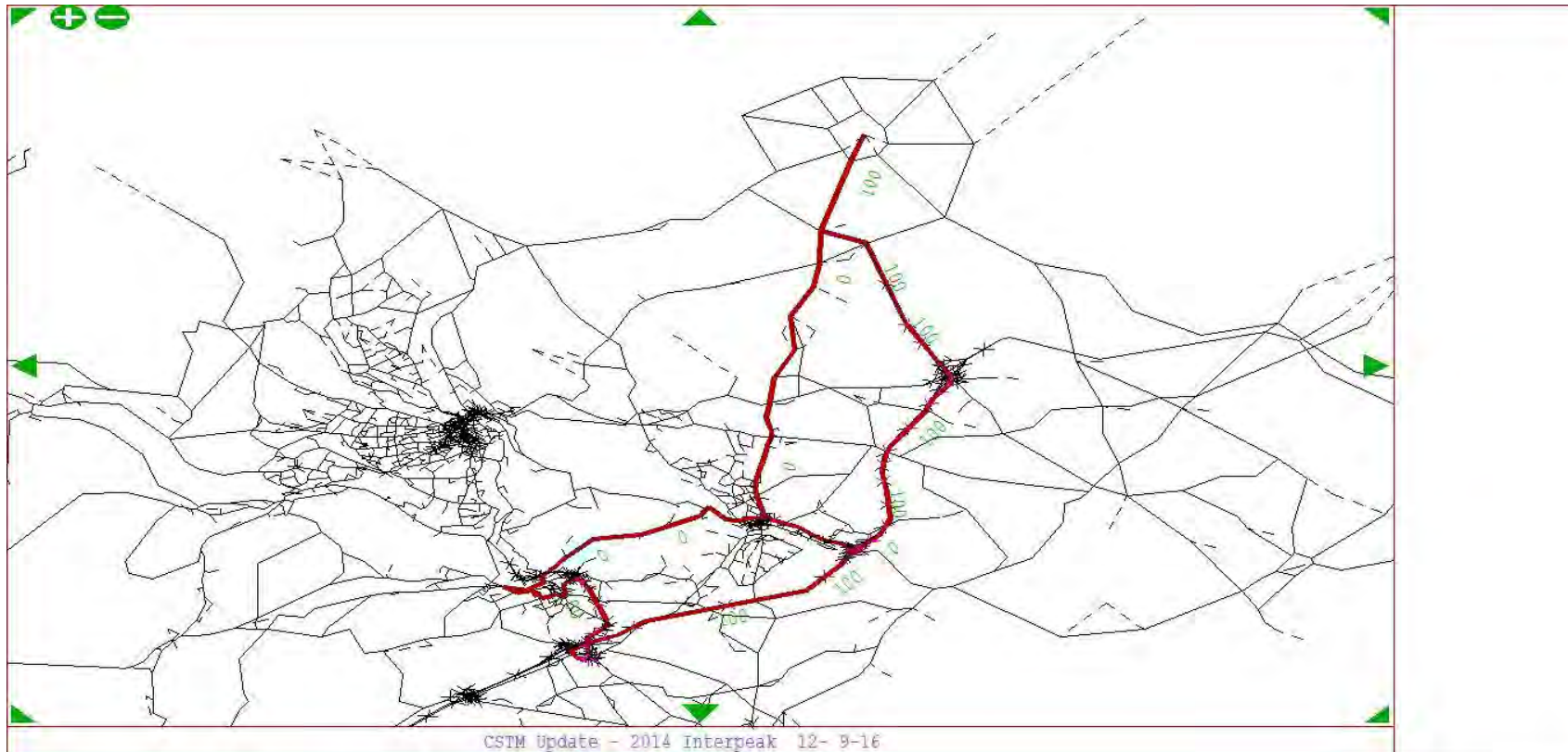


CSTM Update - 2014 Interpeak 12- 9-16

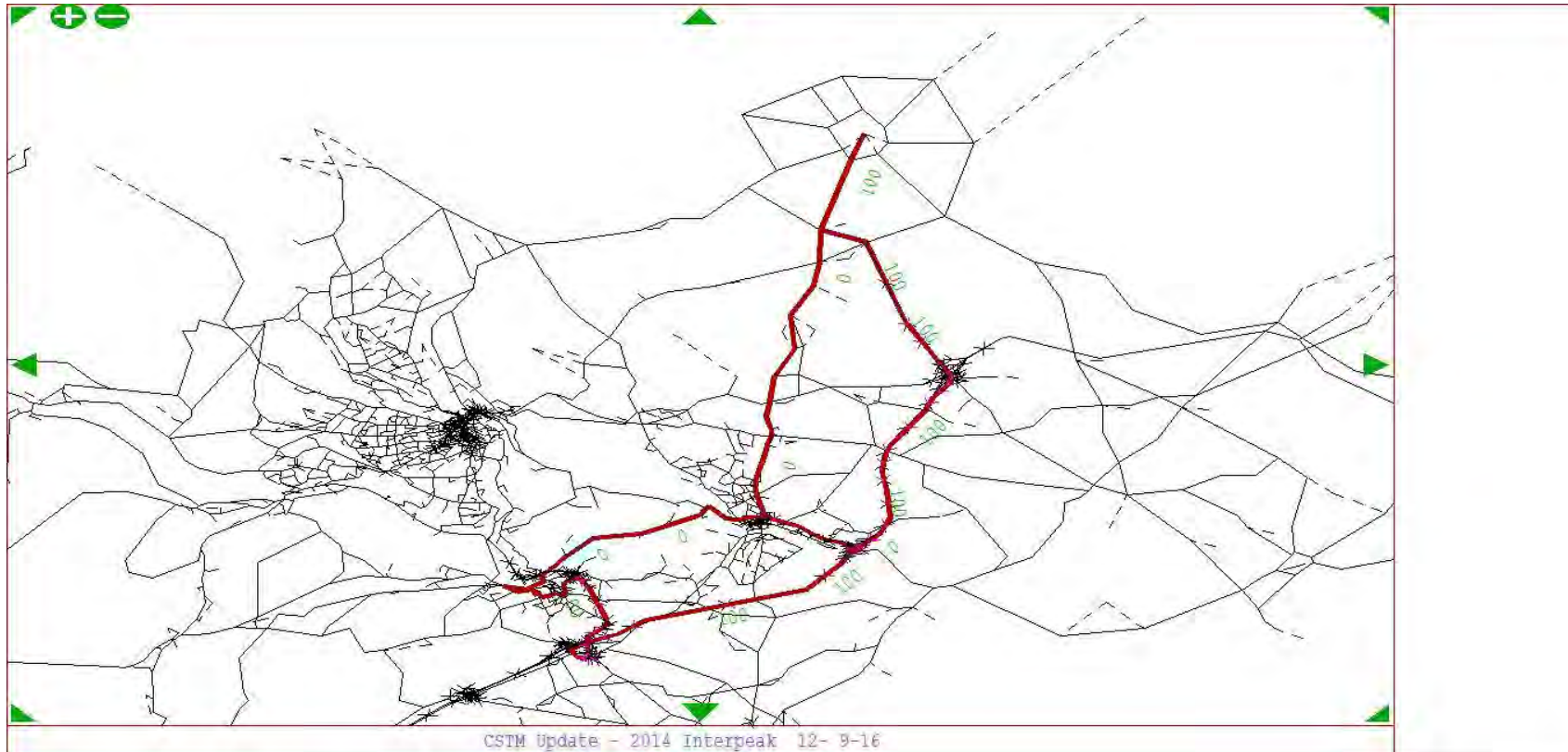
CSTM Update - 2014 Interpeak 12- 9-16

## Bradford to Elland

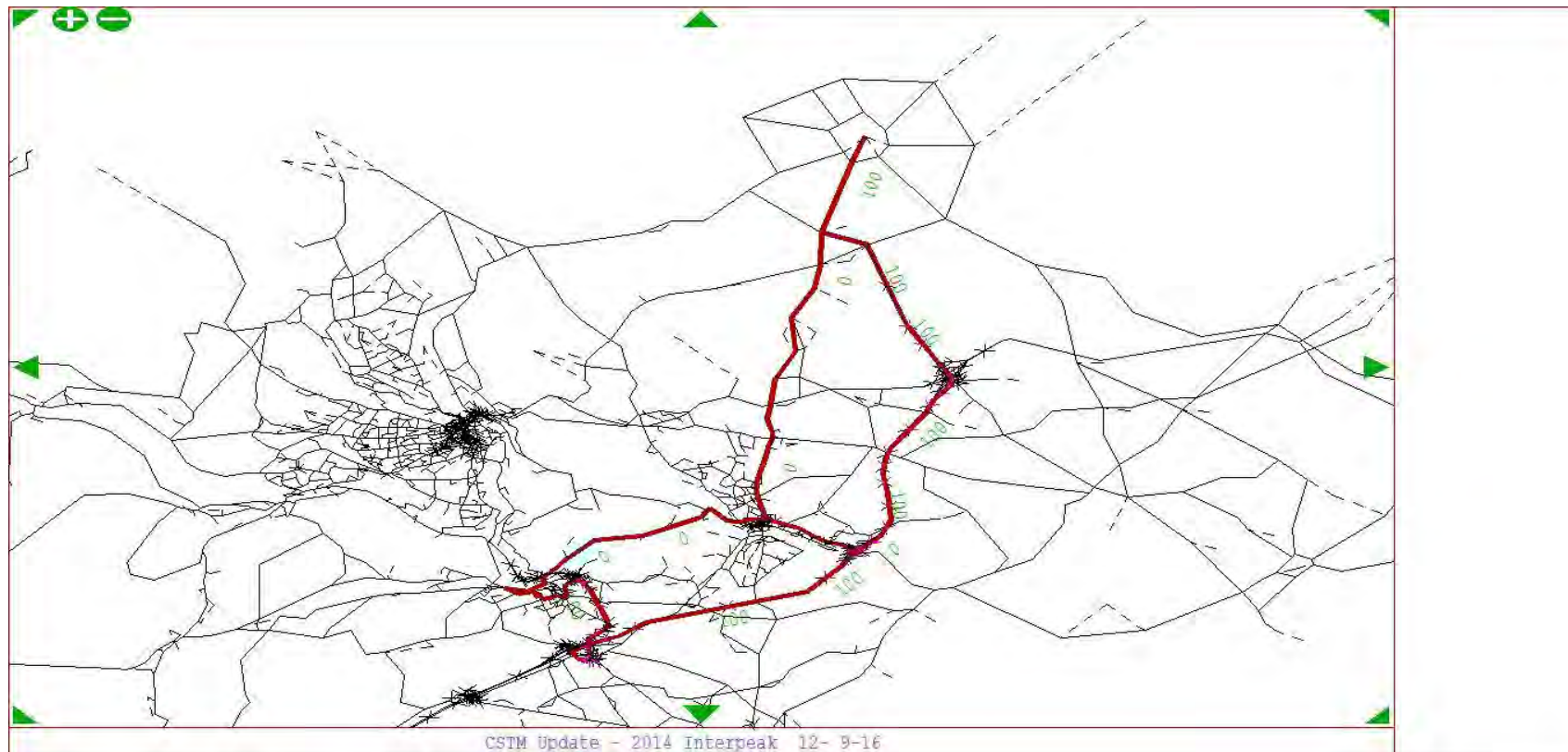
From Zone 32 To Zone 189 - User Class 1



From Zone 32 To Zone 189 - User Class 2

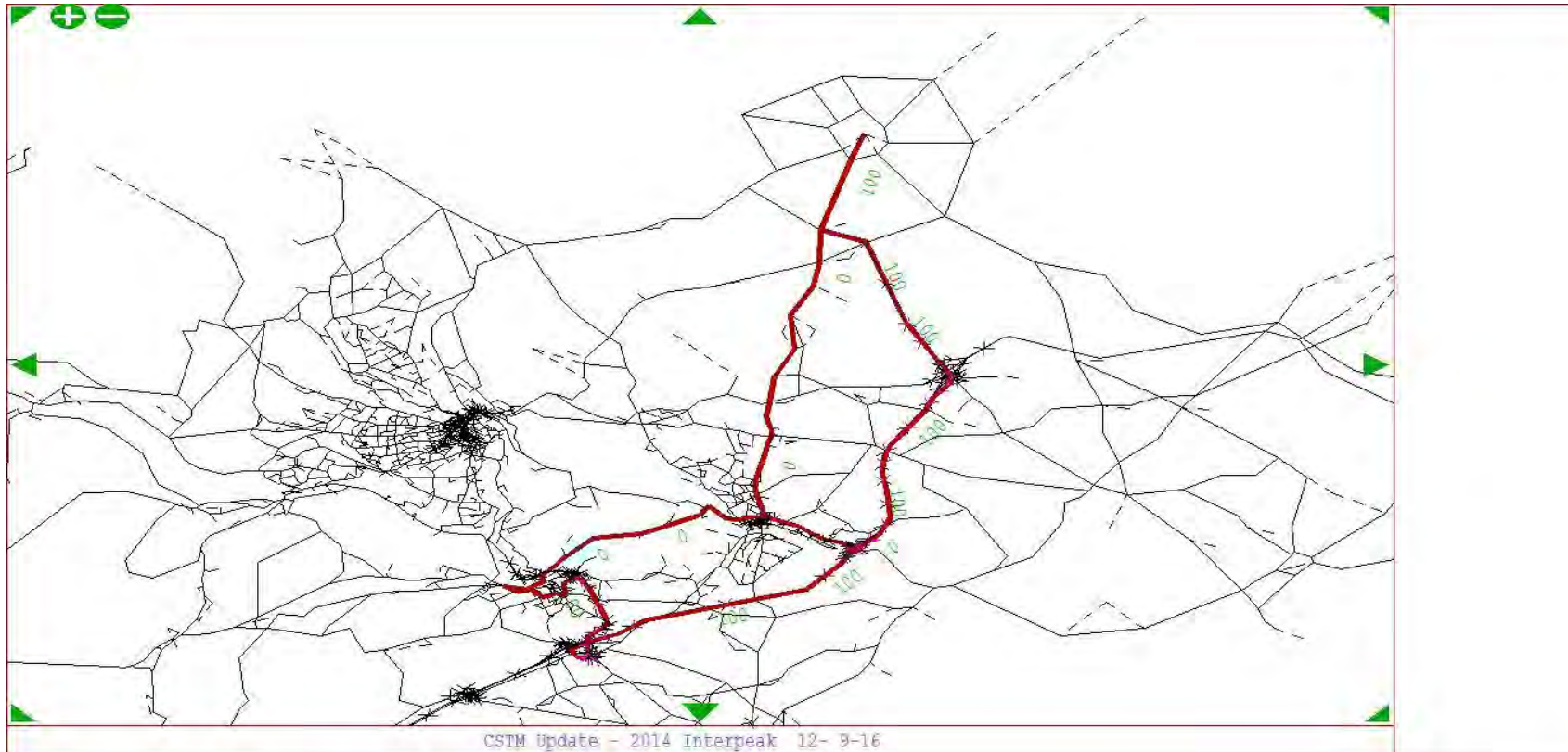


From Zone 32 To Zone 189 - User Class 3

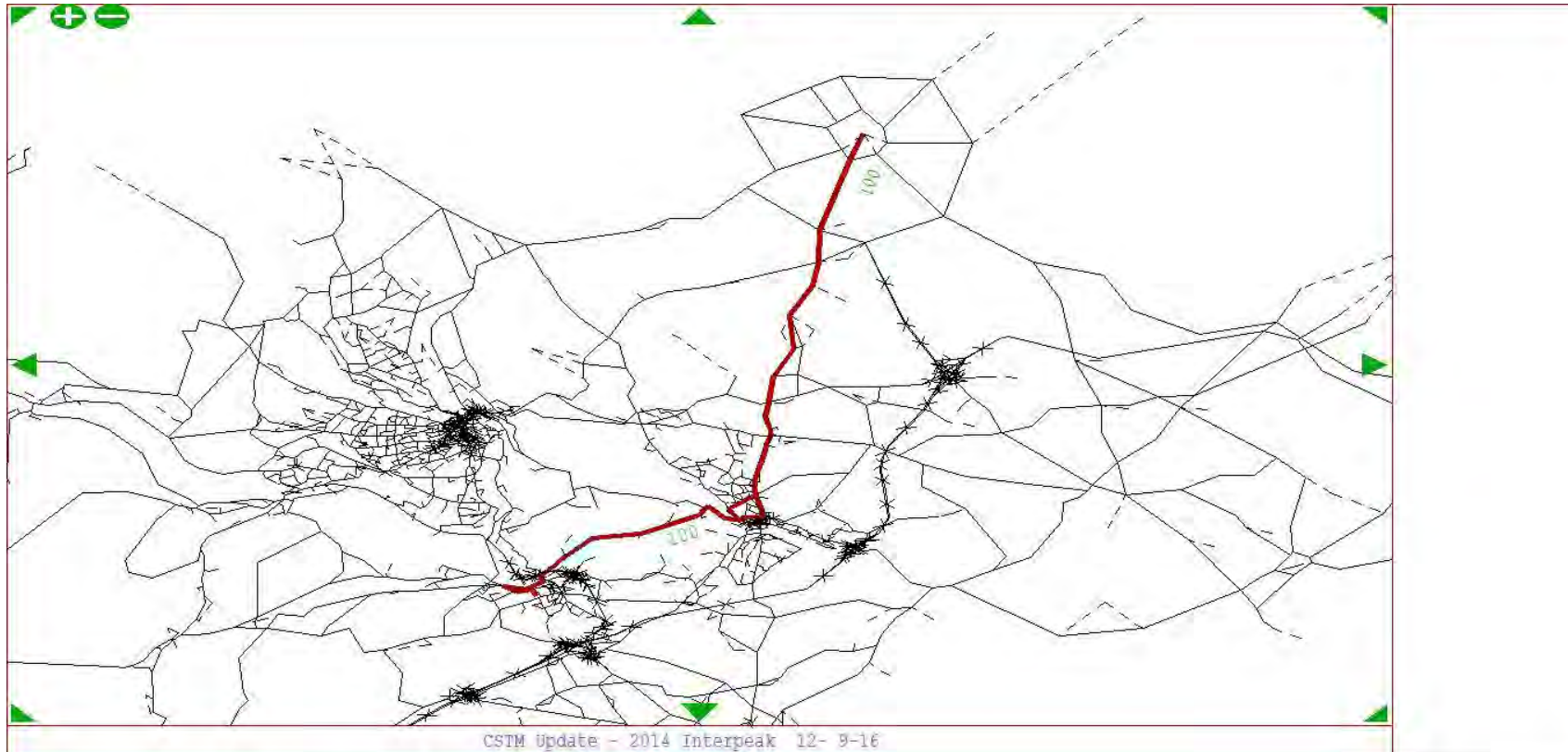




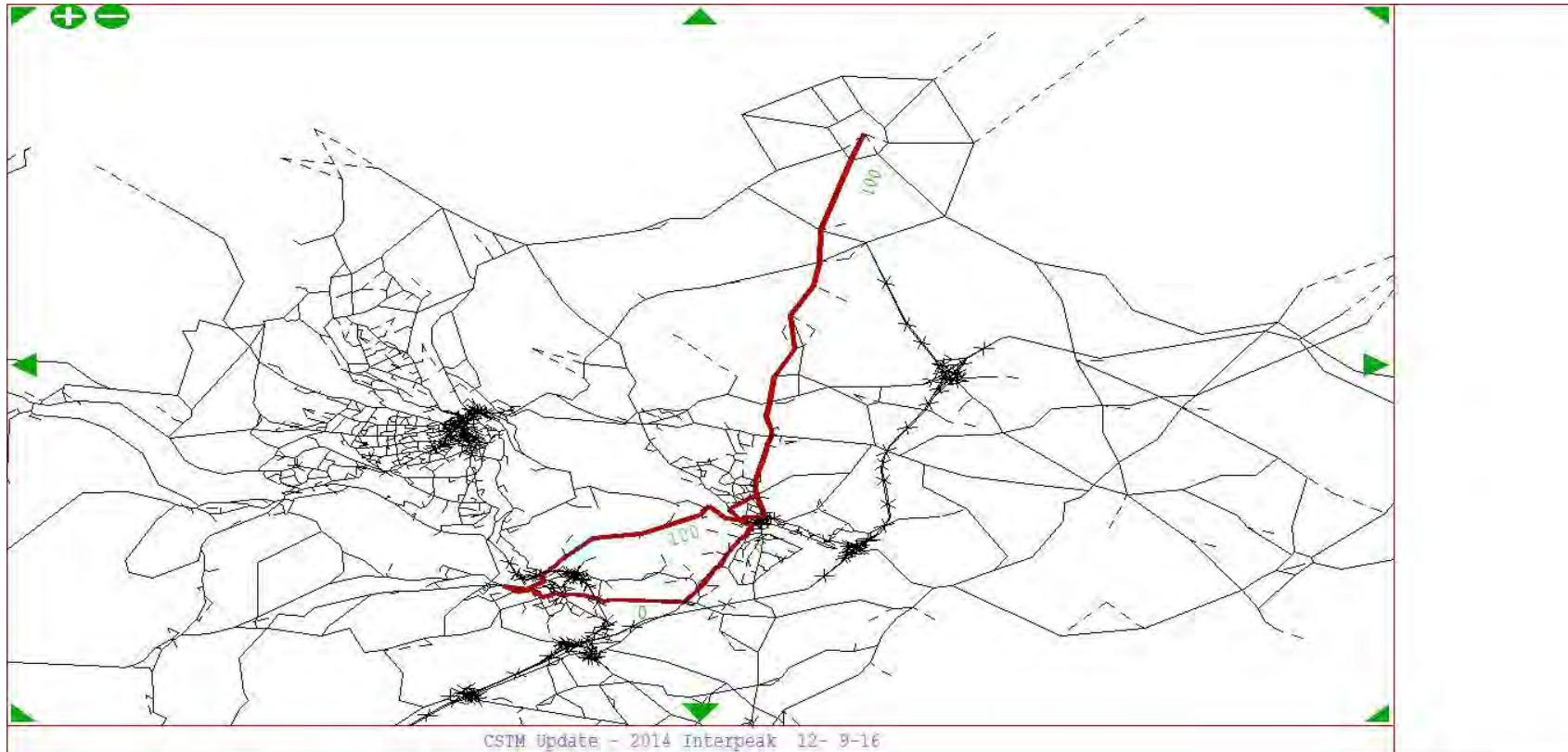
From Zone 32 To Zone 189 - User Class 4



From Zone 32 To Zone 189 - User Class 5

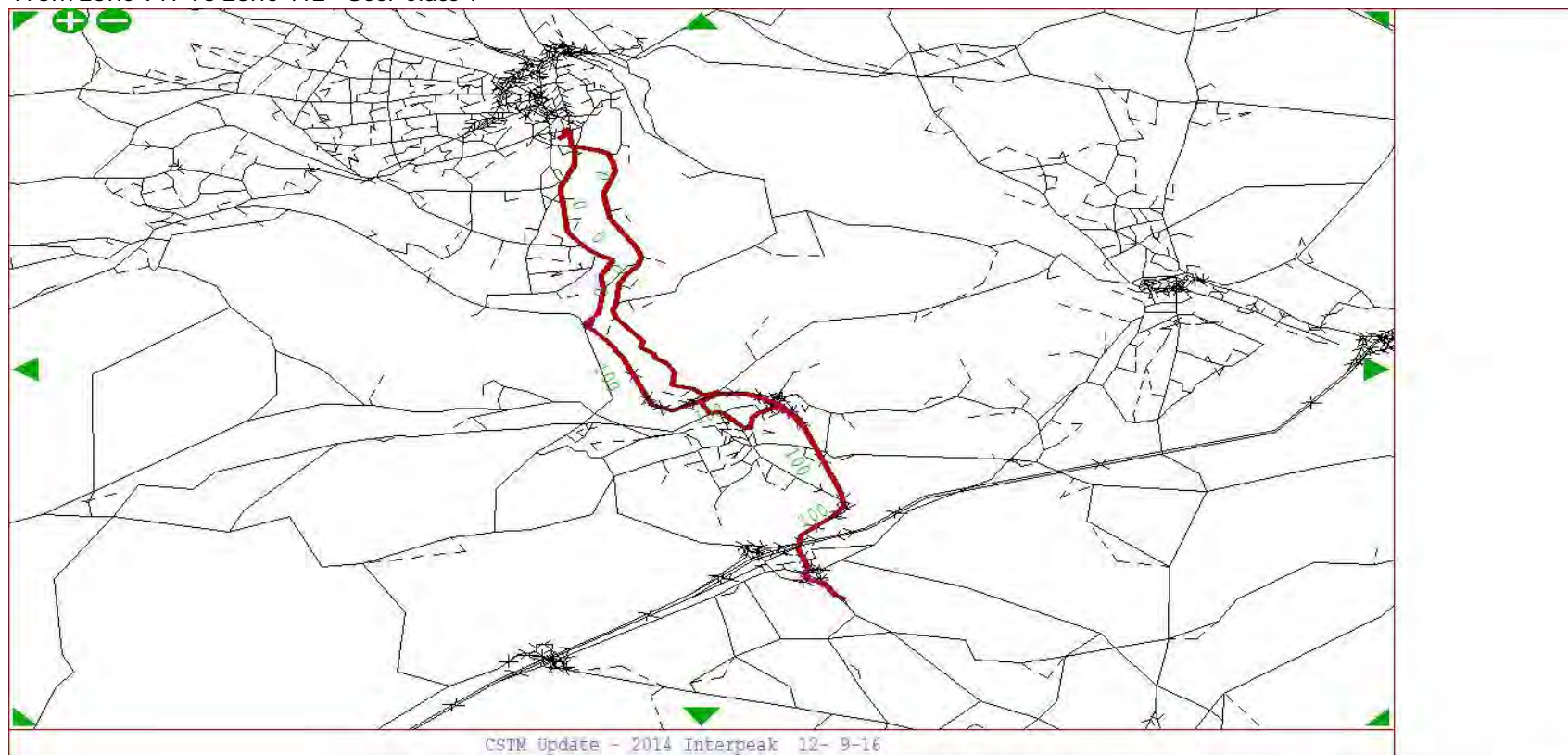


From Zone 32 To Zone 189 - User Class 6



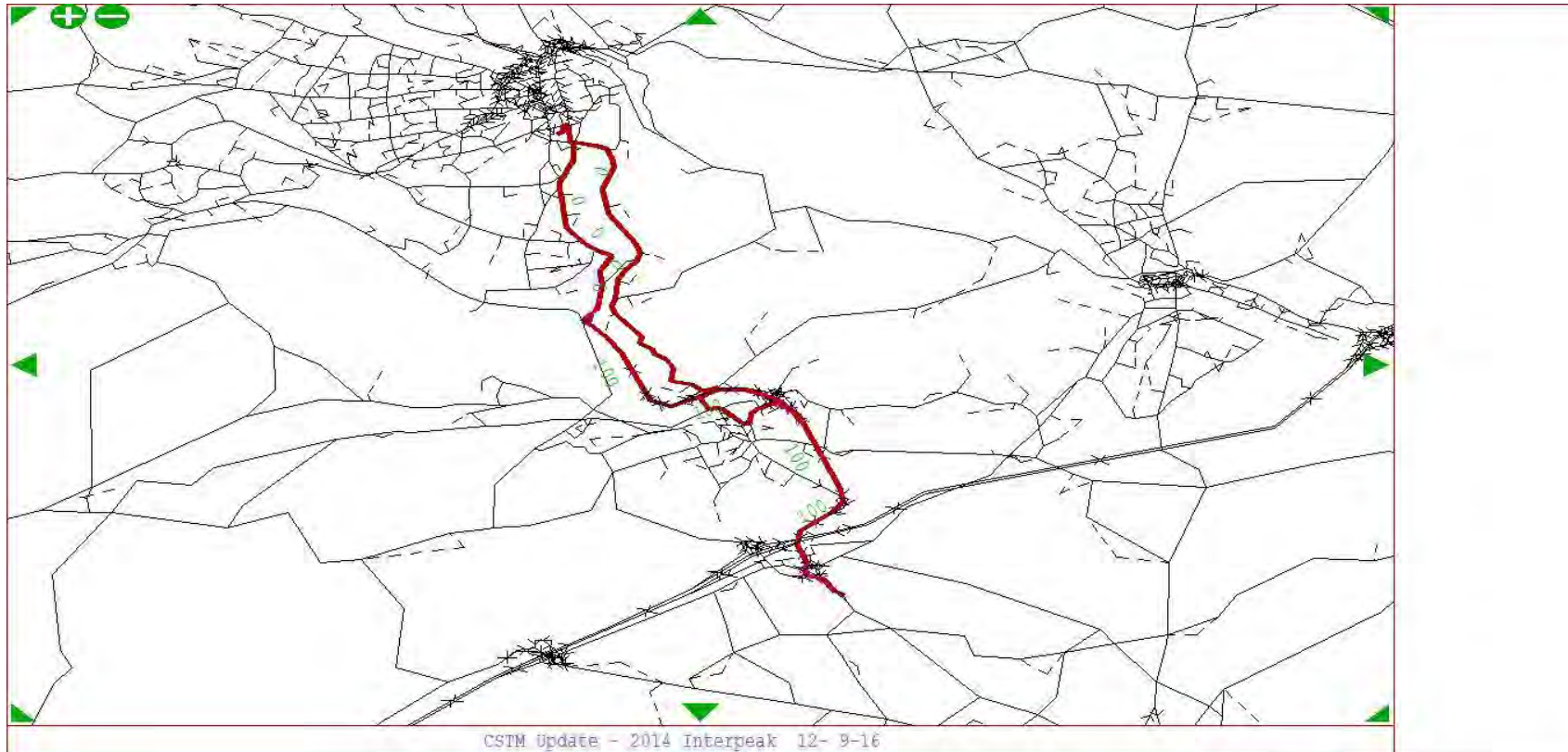
## Ainley Top to Halifax Town Centre

From Zone 917 To Zone 412 - User Class 1





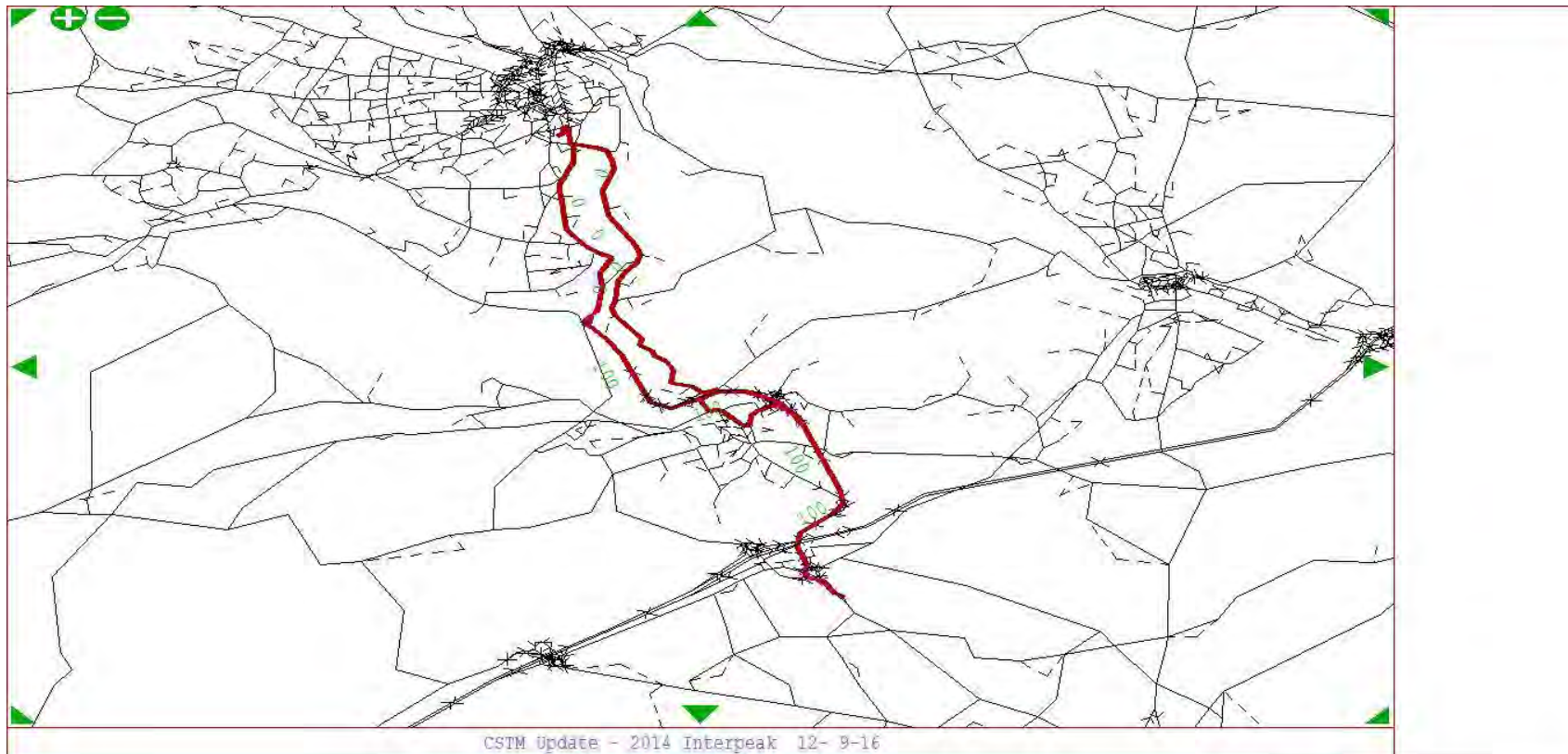
From Zone 917 To Zone 412 - User Class 2



CSTM Update - 2014 Interpeak 12- 9-16

CSTM Update - 2014 Interpeak 12- 9-16

From Zone 917 To Zone 412 - User Class 4



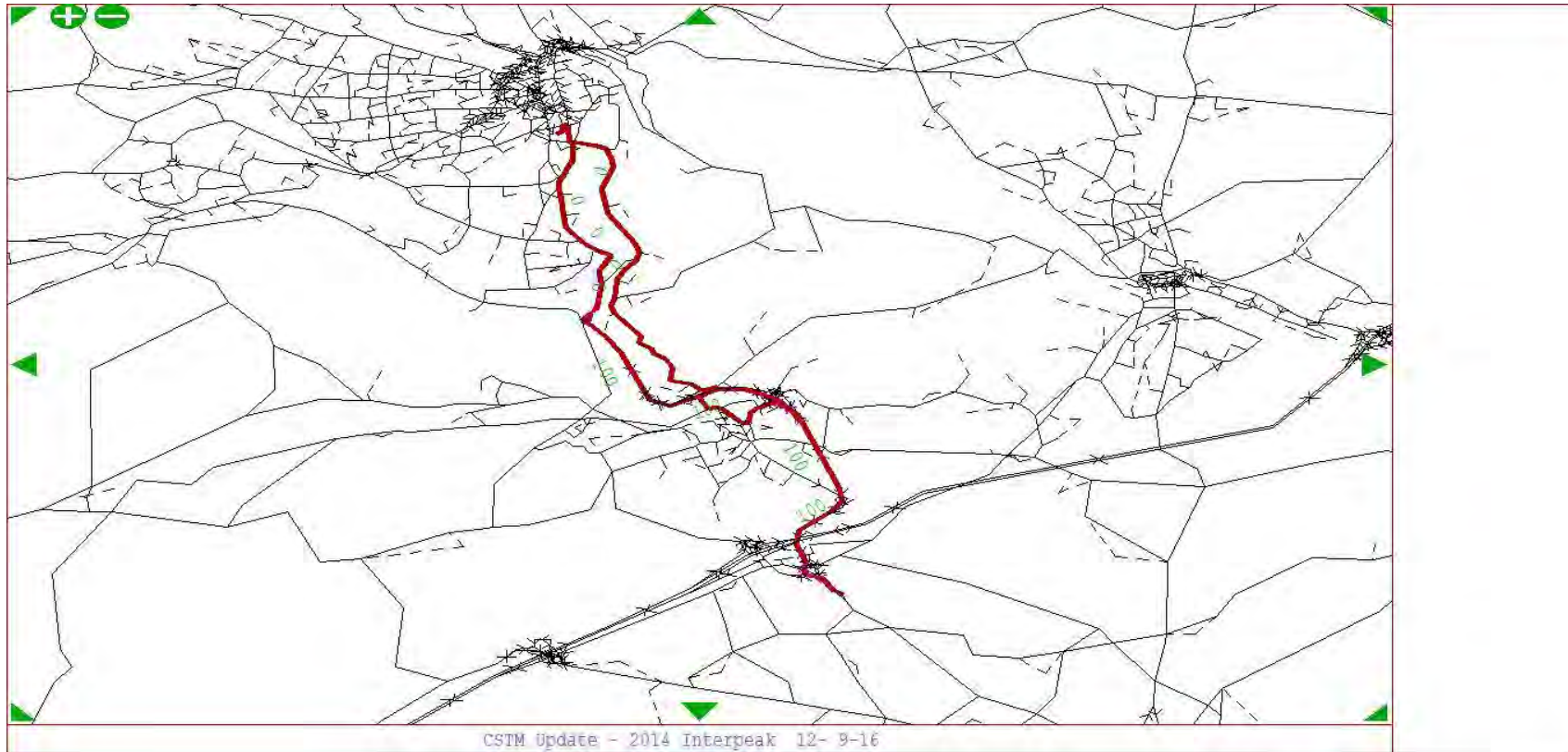


A topographic map of the Interpeak area, showing a red boundary and green contour lines. The map includes a scale bar and a north arrow. The red boundary follows a path through the terrain, with green contour lines indicating elevation. The map is labeled with 'CSTM Update - 2014 Interpeak 12- 9-16' at the bottom.

CSTM Update - 2014 Interpeak 12- 9-16

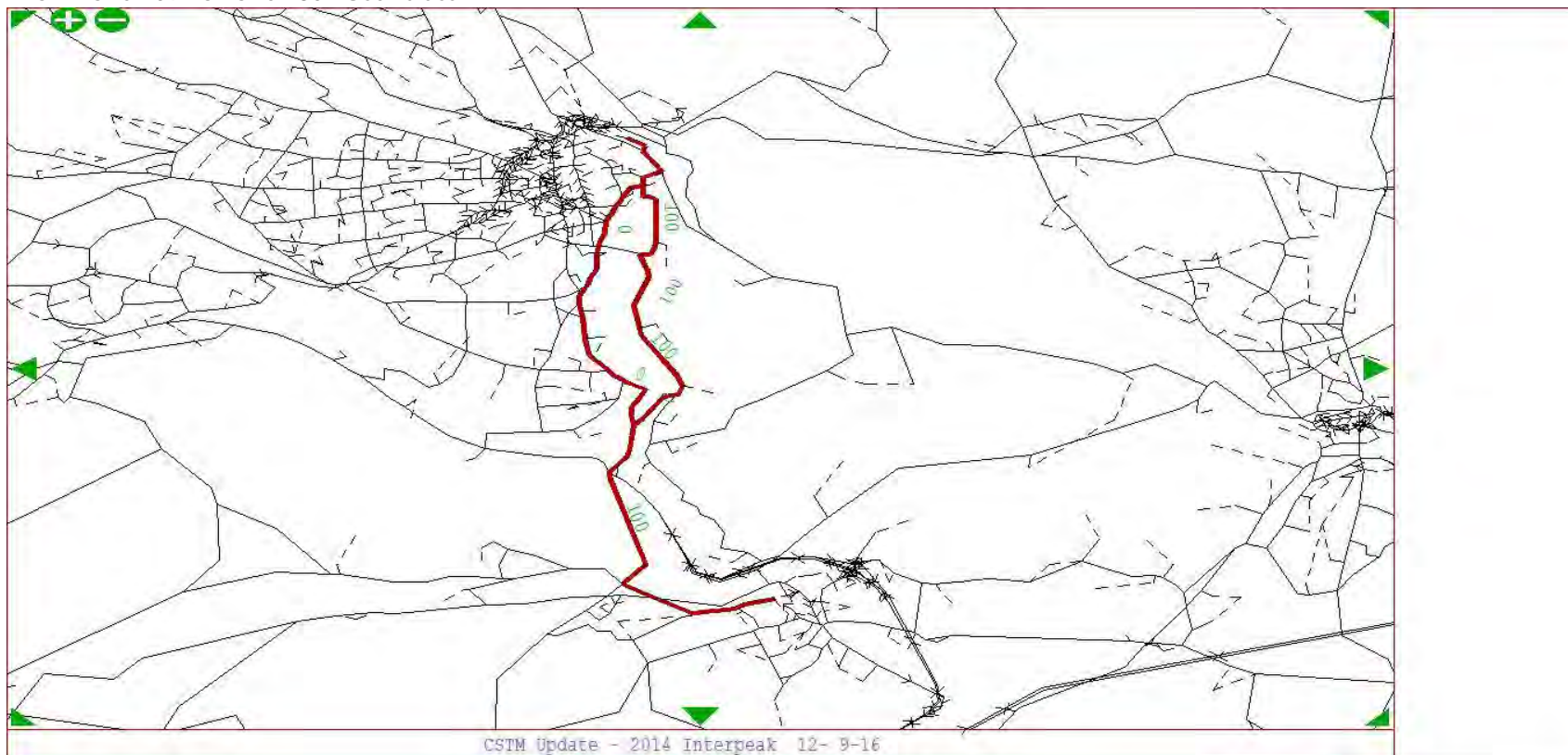


From Zone 917 To Zone 412 - User Class 6

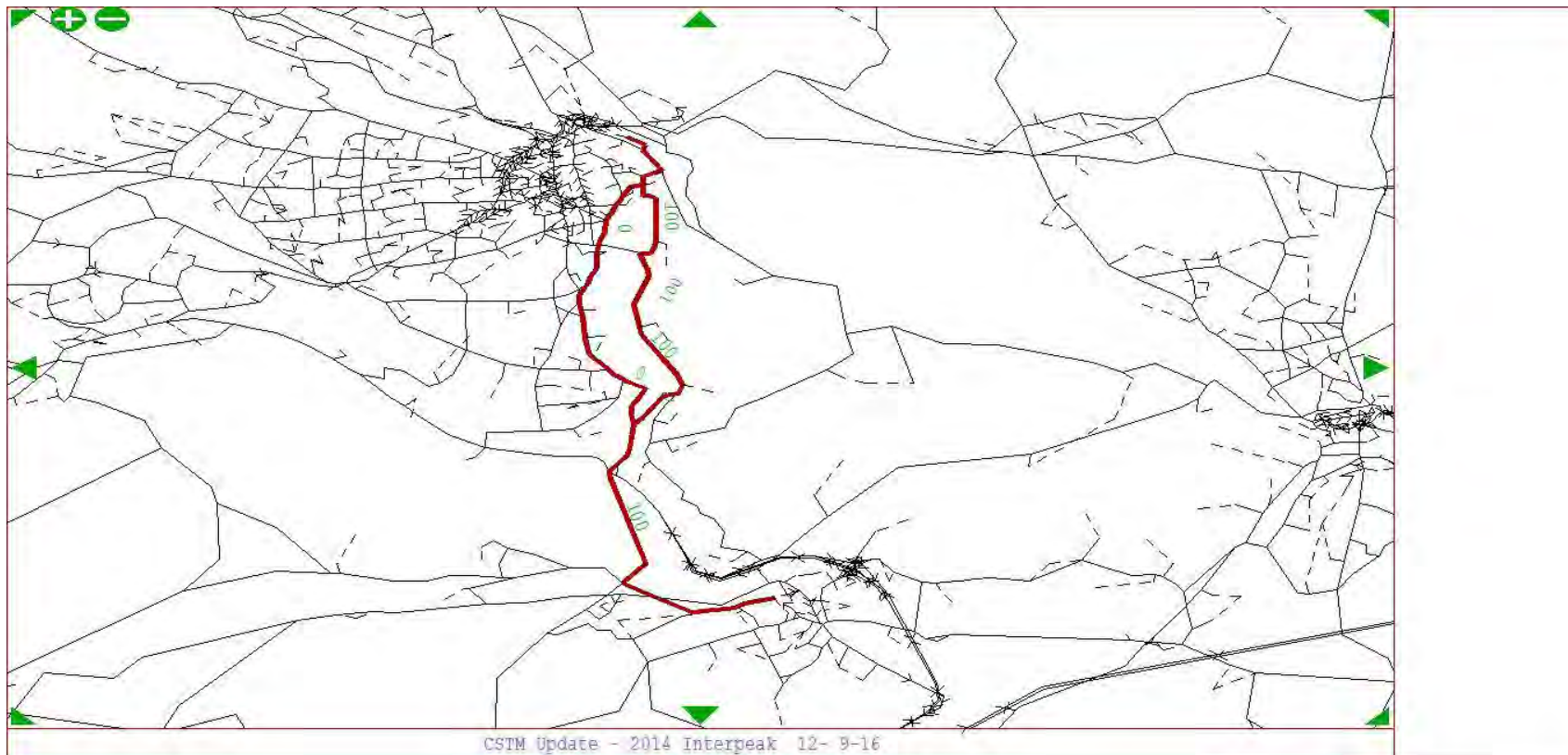


## Halifax Town Centre to Elland

From Zone 109 To Zone 180 - User Class 1

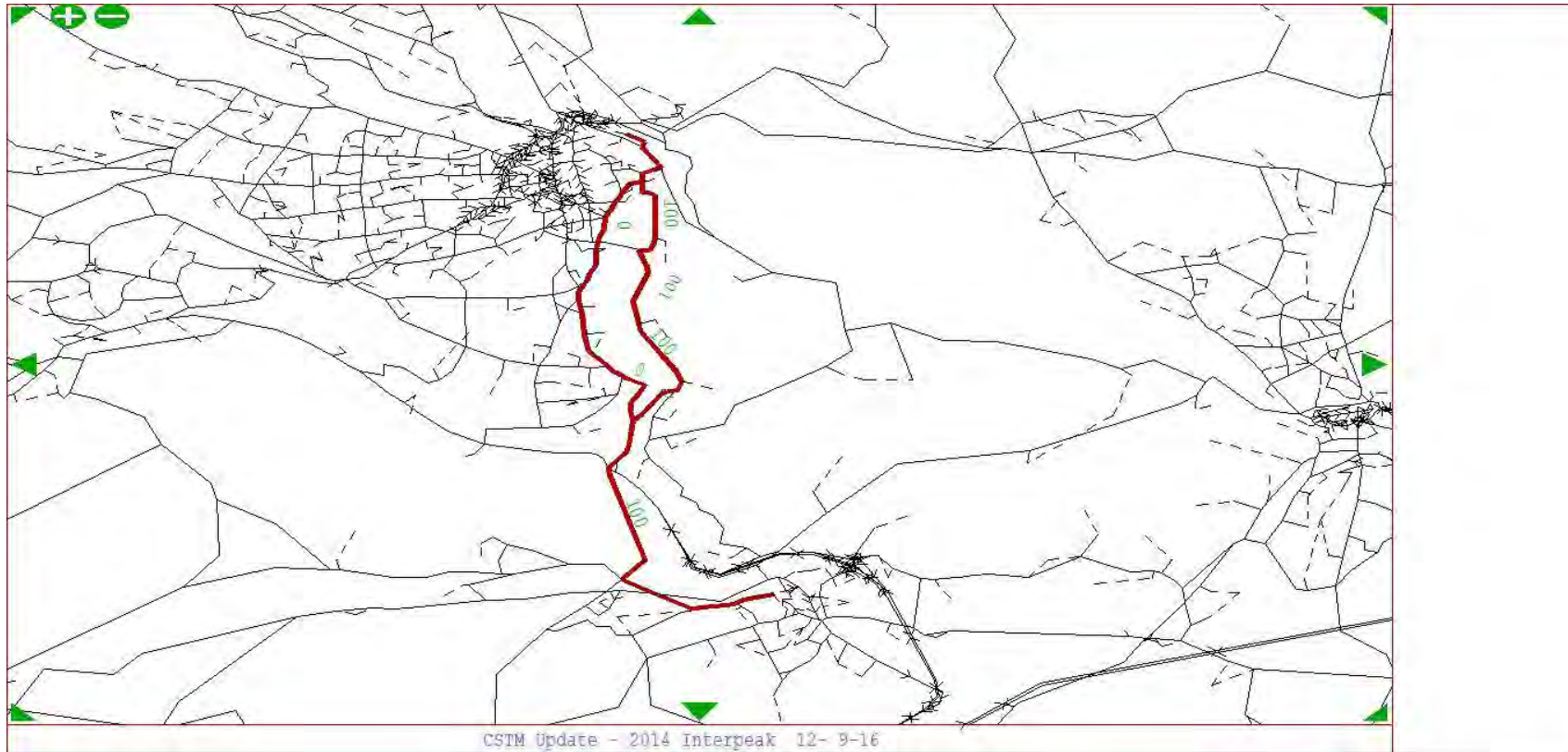


From Zone 109 To Zone 180 - User Class 2



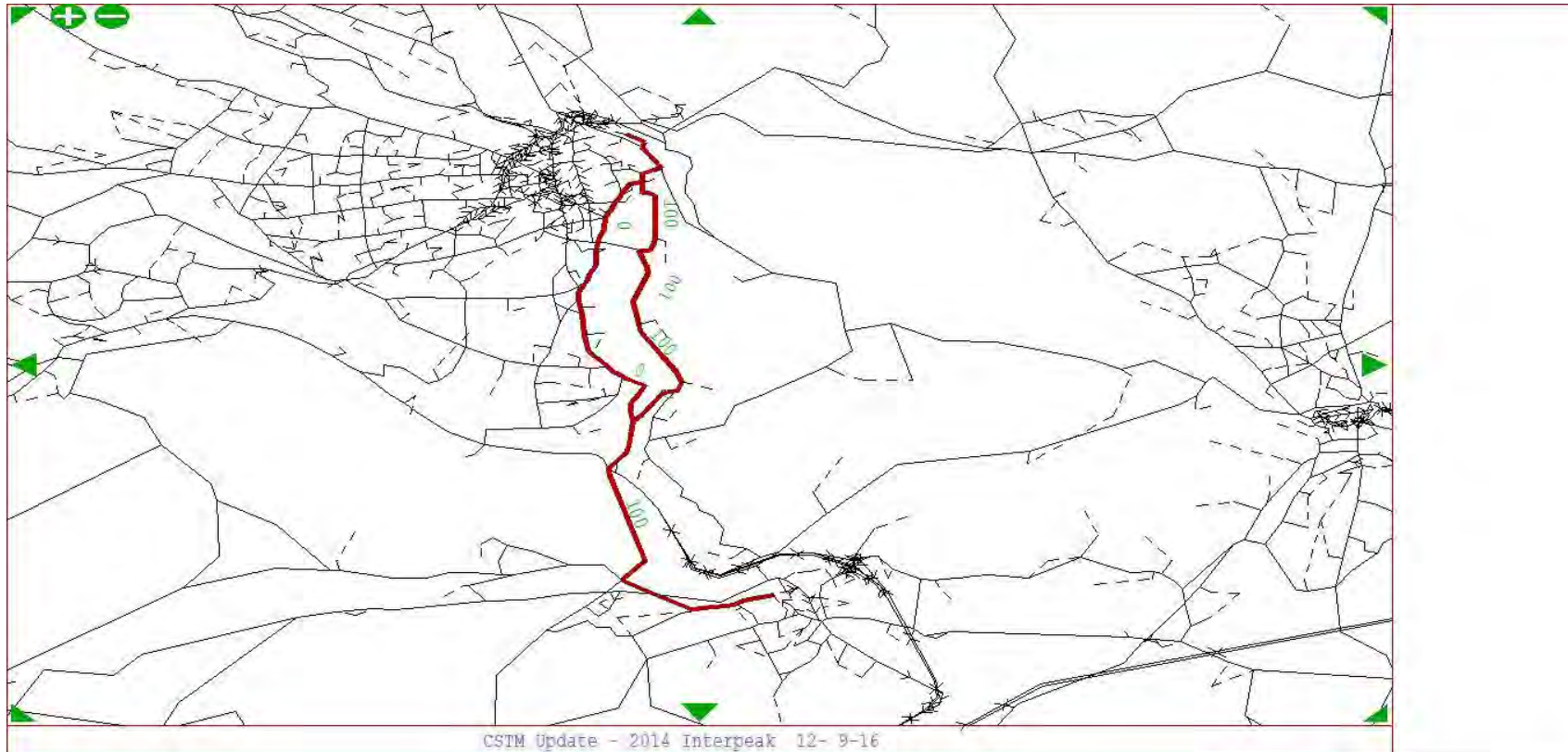


From Zone 109 To Zone 180 - User Class 3

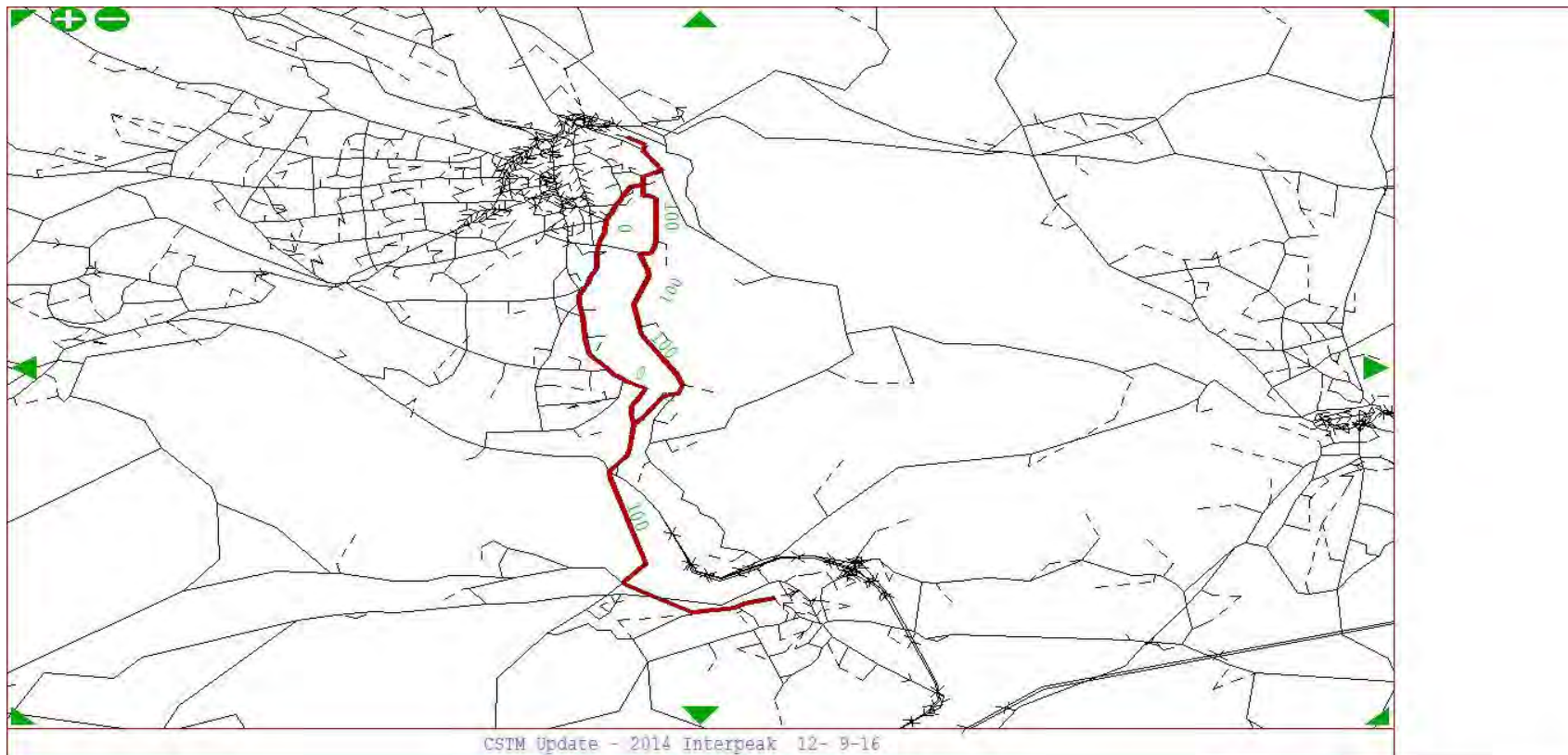




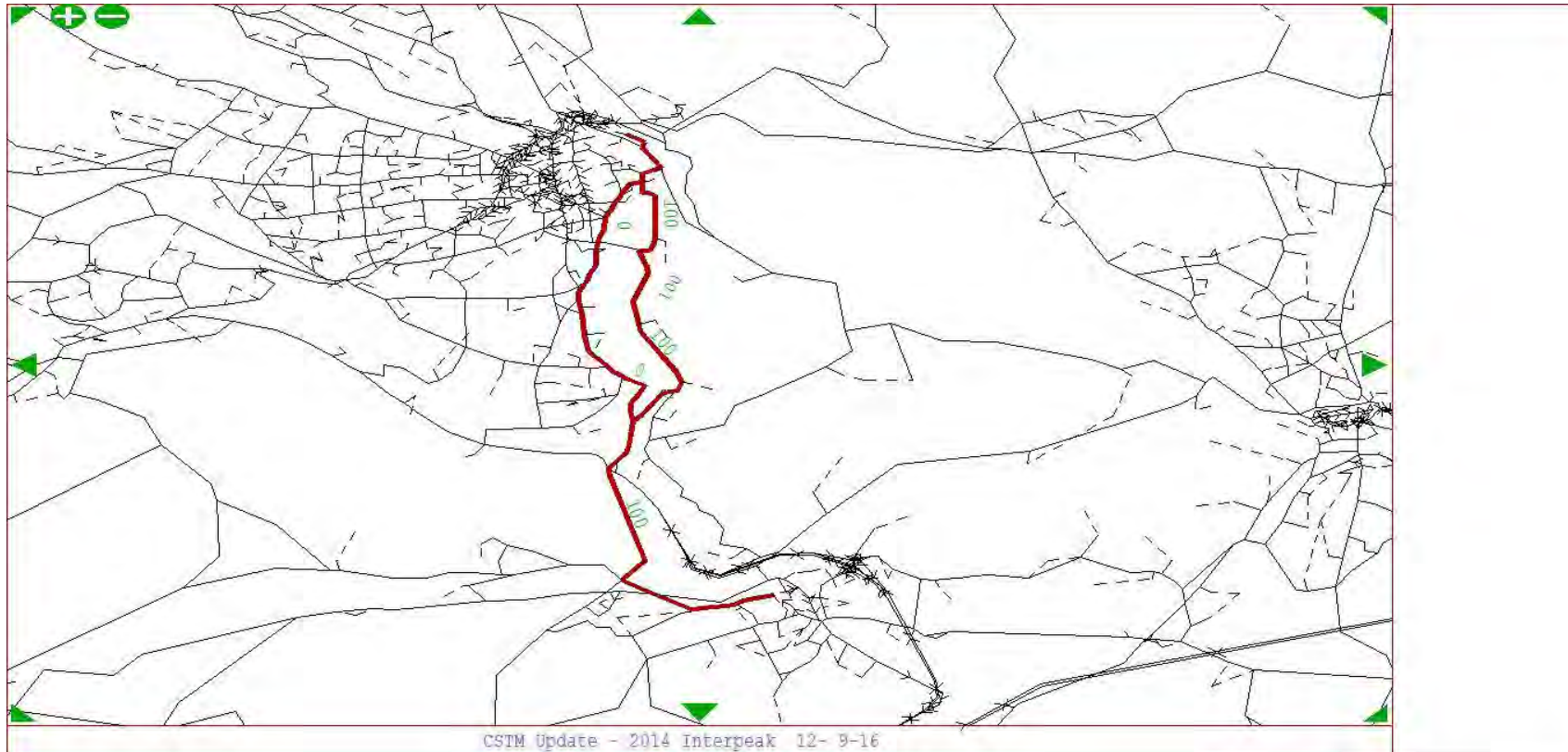
From Zone 109 To Zone 180 - User Class 4



From Zone 109 To Zone 180 - User Class 5



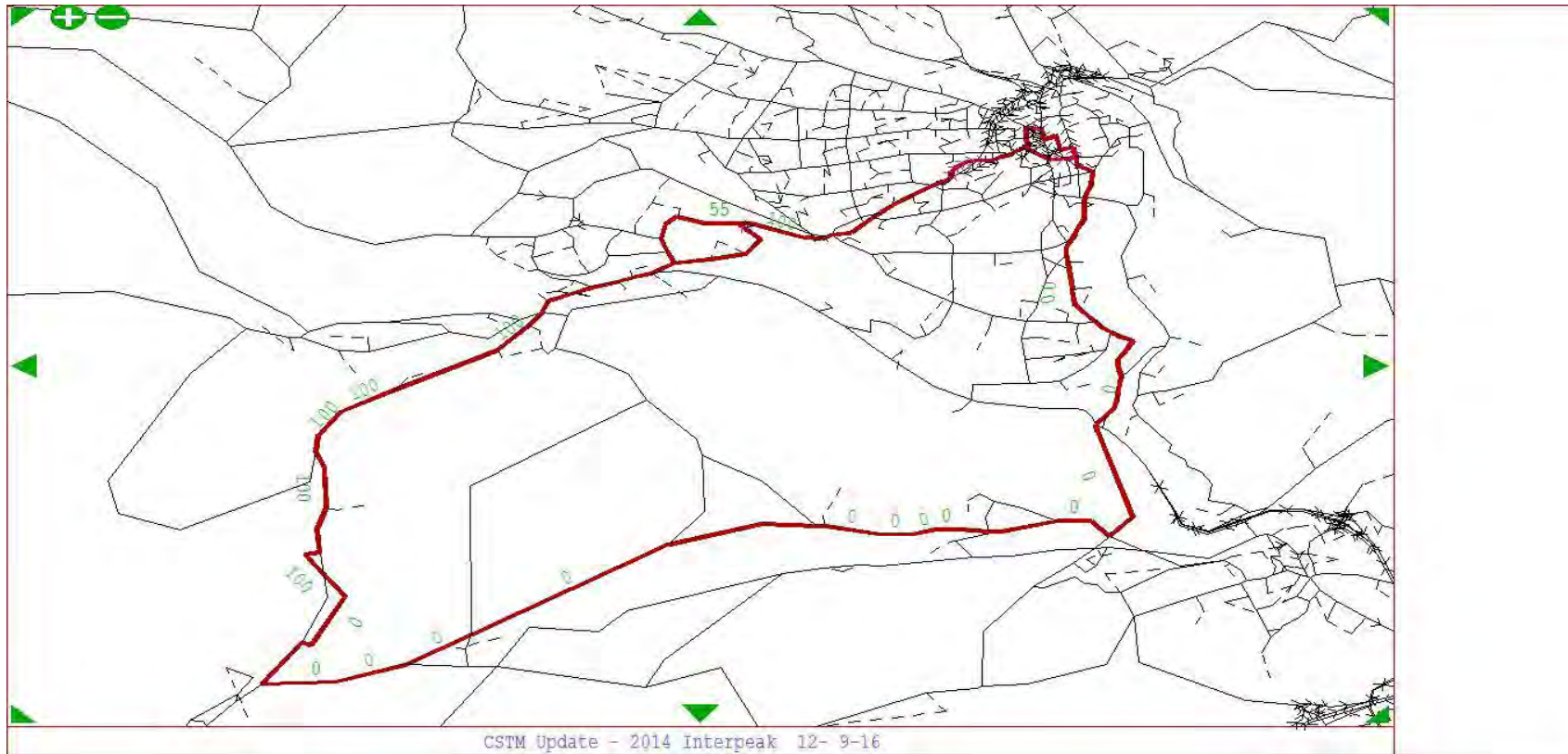
From Zone 109 To Zone 180 - User Class 6





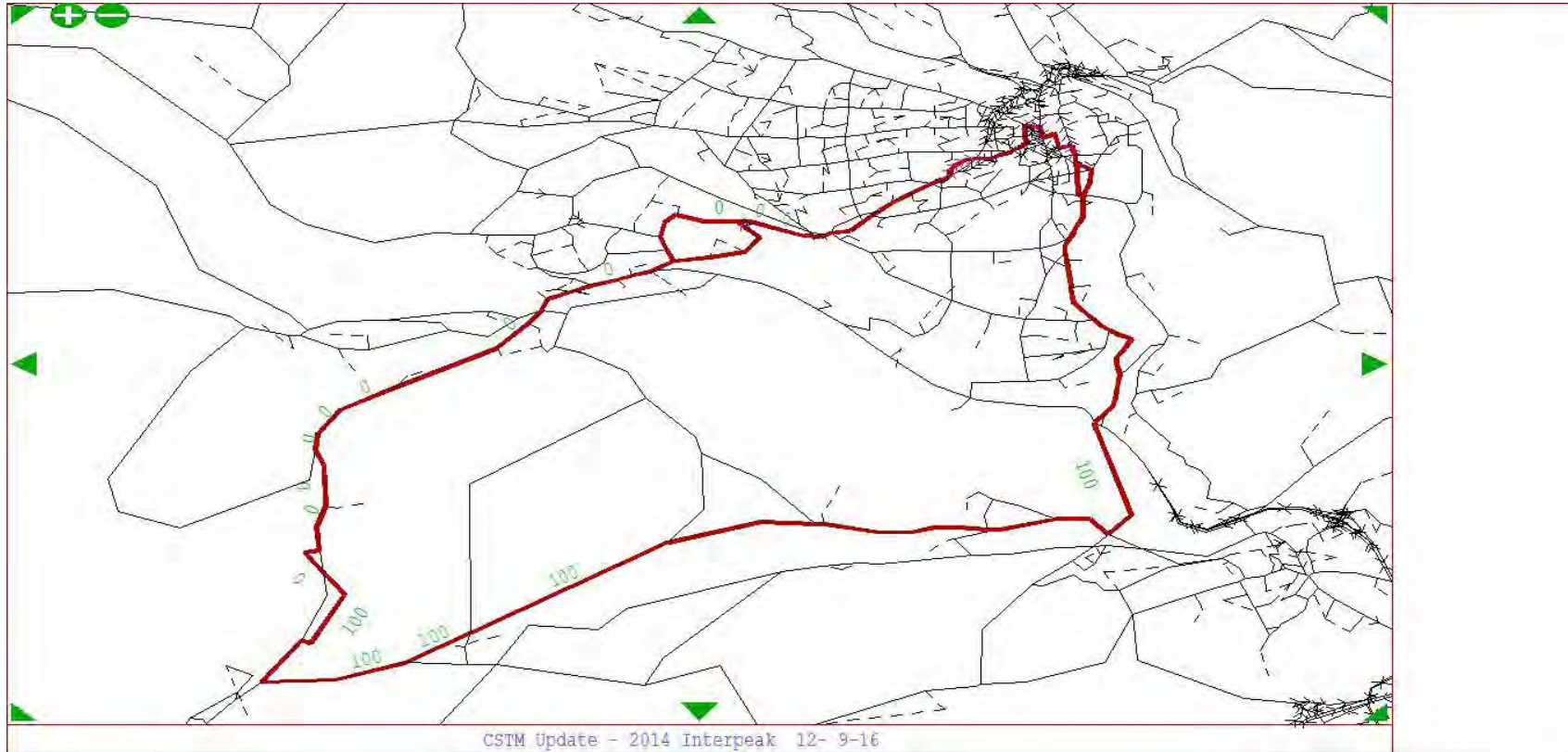
# Ripponden to Halifax Town Centre

From Zone 214 To Zone 420 - User Class 1

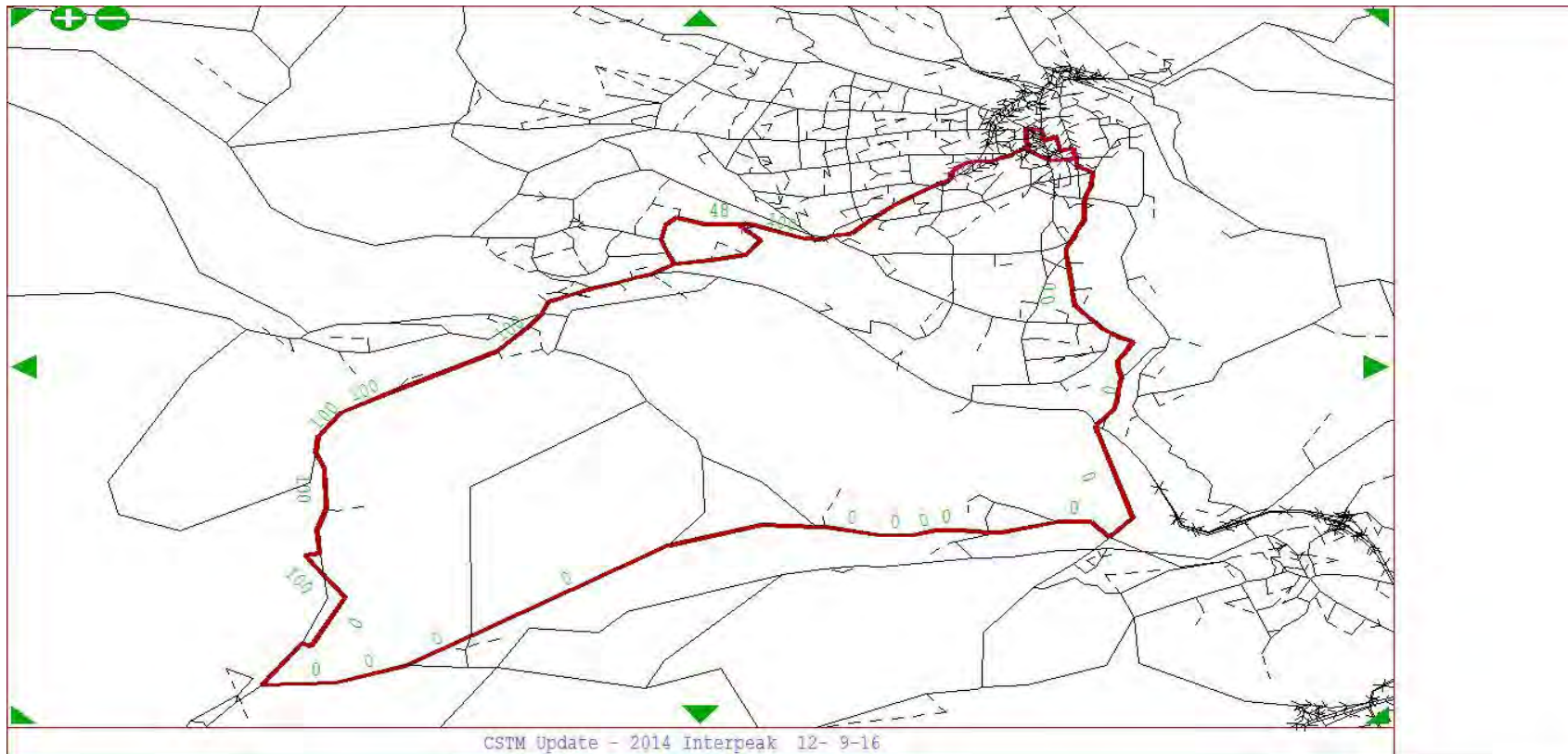




From Zone 214 To Zone 420 - User Class 2



From Zone 214 To Zone 420 - User Class 3



CSTM Update - 2014 Interpeak 12- 9-16

CSTM Update - 2014 Interpeak 12- 9-16

CSTM Update - 2014 Interpeak 12- 9-16

CSTM Update - 2014 Interpeak 12- 9-16

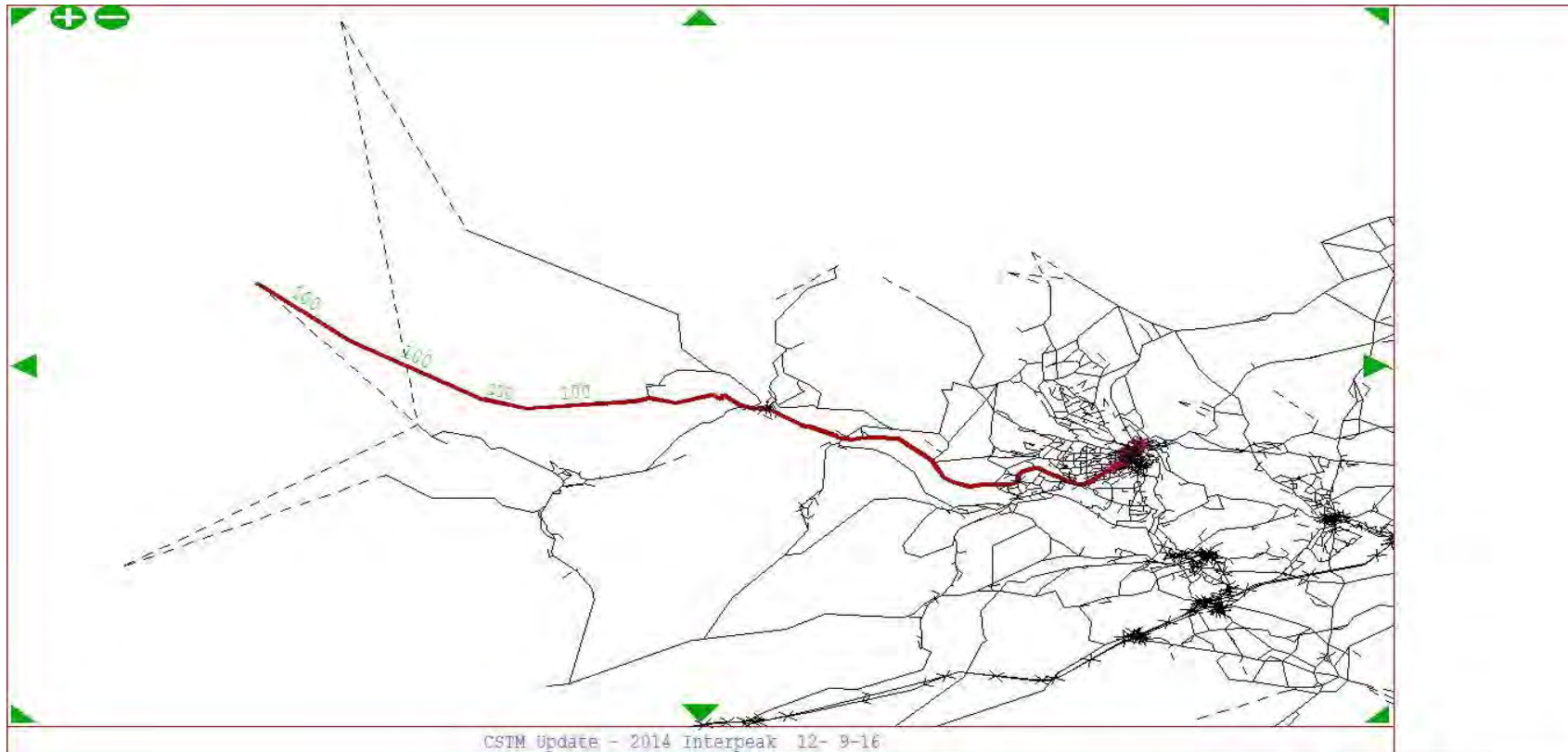


CSTM Update - 2014 Interpeak 12- 9-16

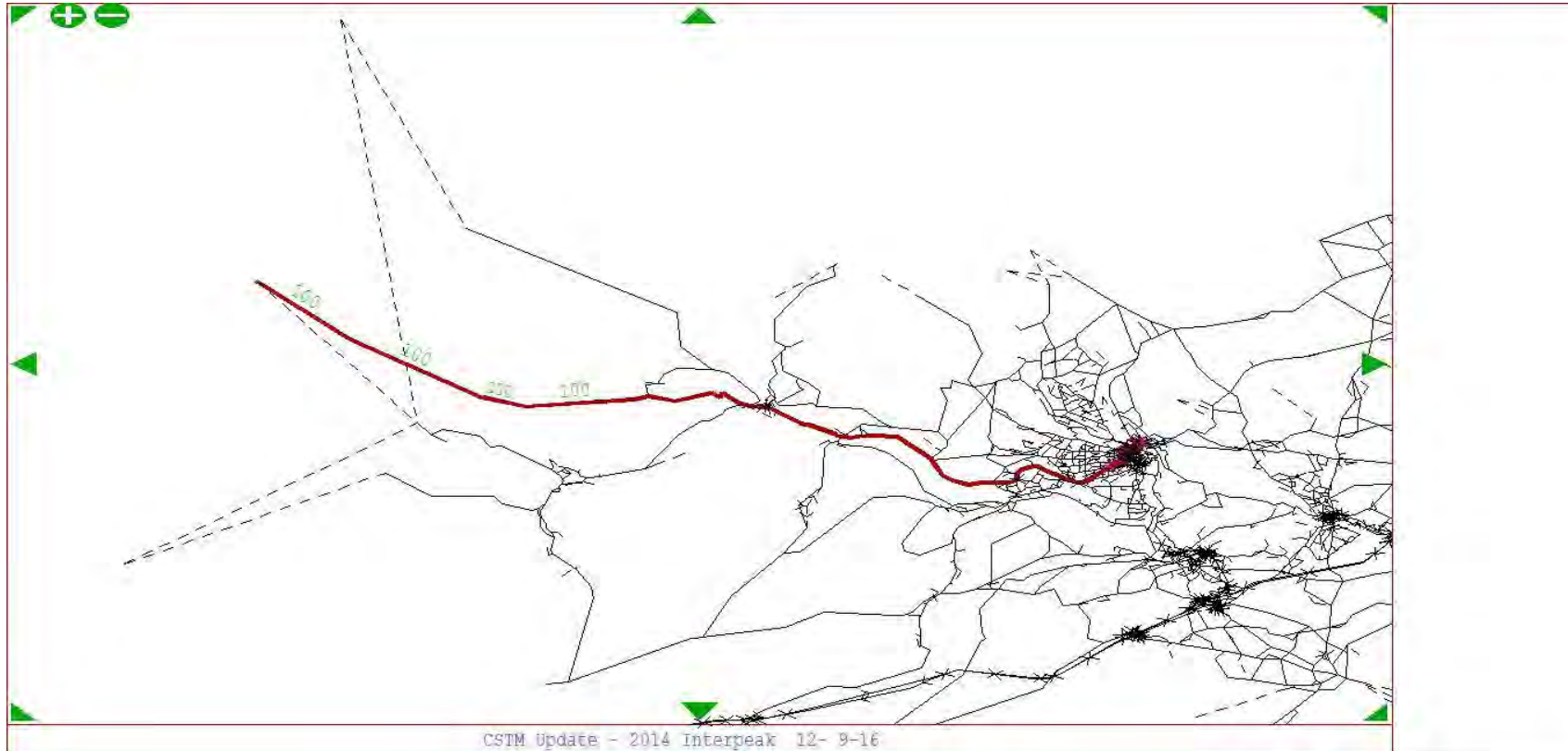
CSTM Update - 2014 Interpeak 12- 9-16

# North Lancashire to Halifax Town Centre

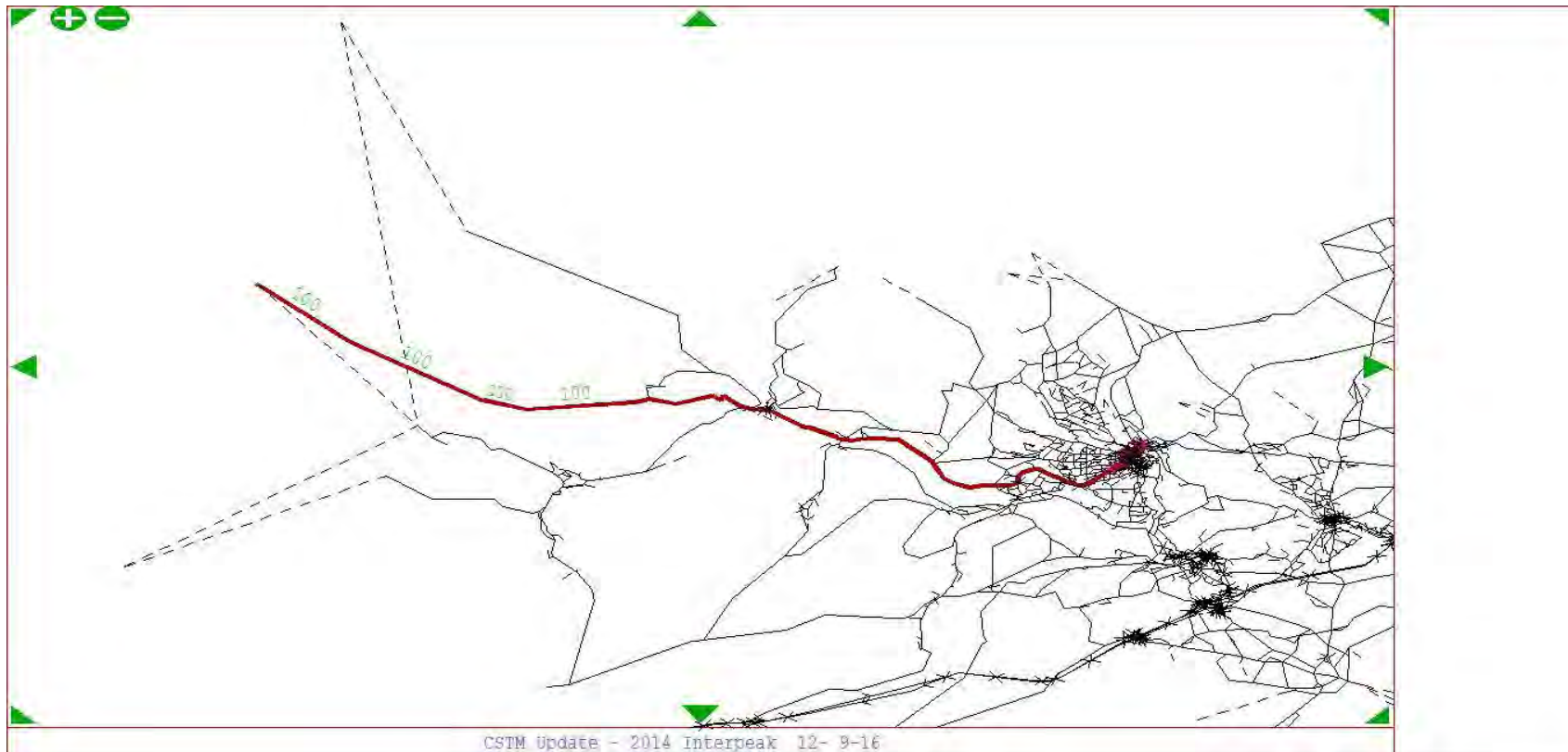
From Zone 28 To Zone 111 - User Class 1



From Zone 28 To Zone 111 - User Class 2

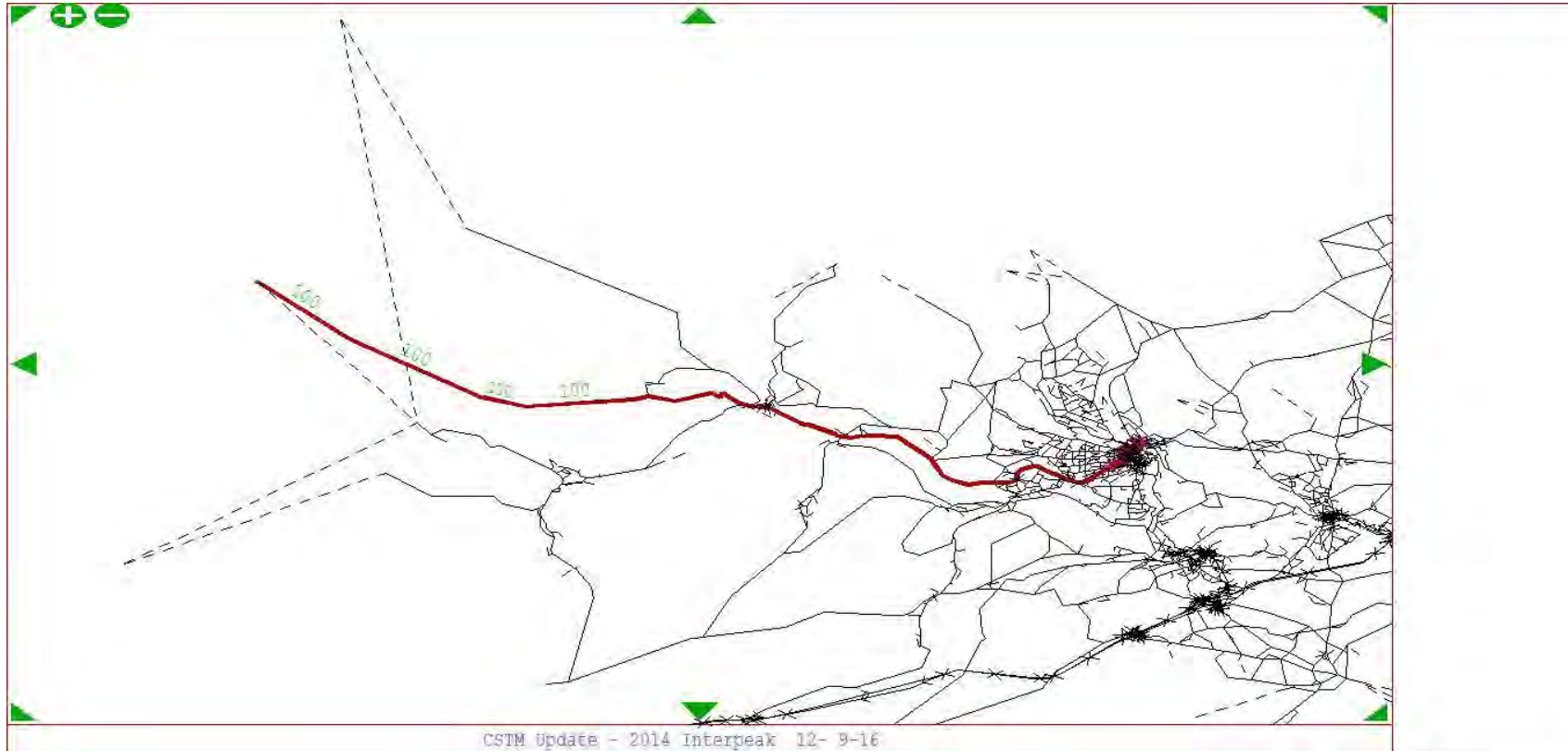


From Zone 28 To Zone 111 - User Class 3

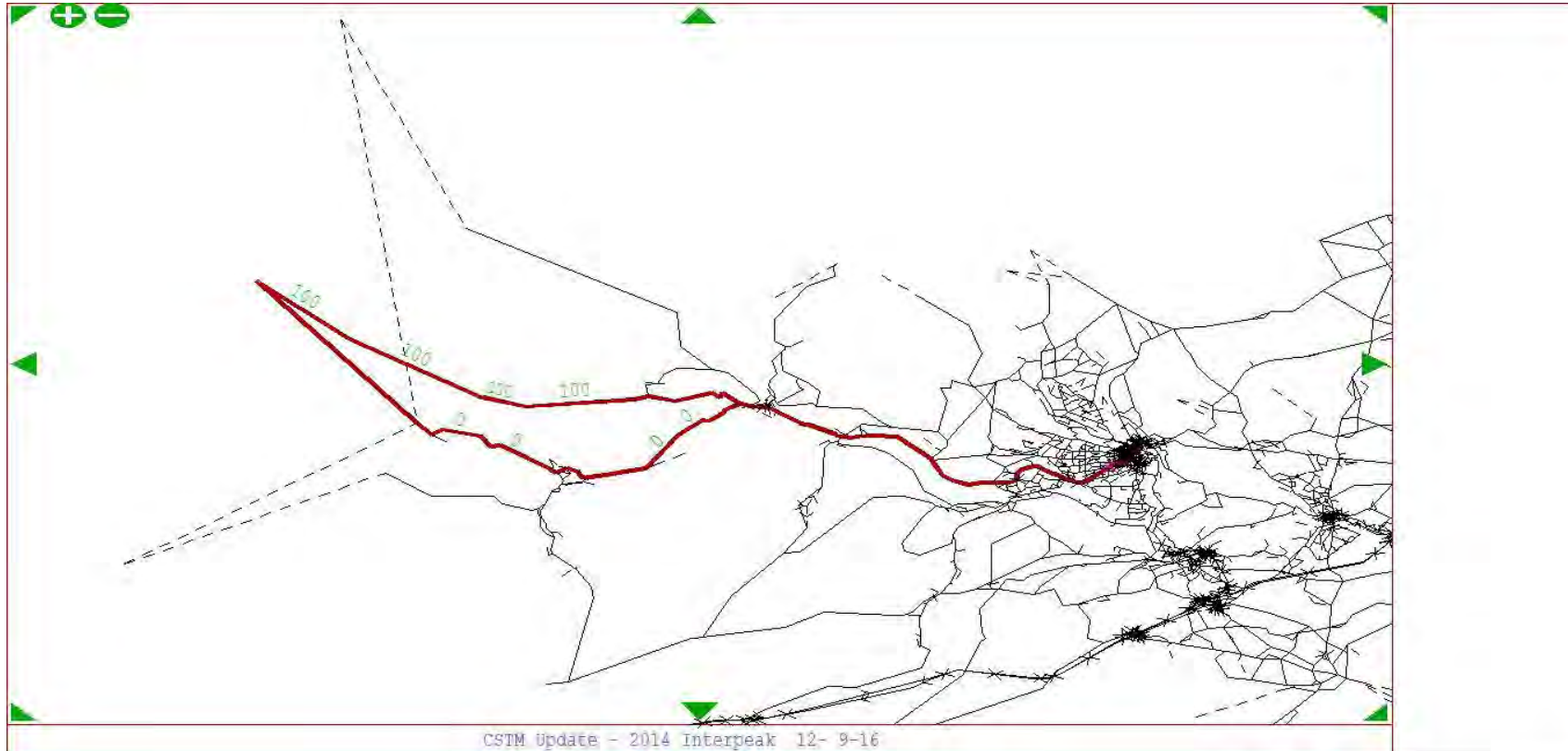




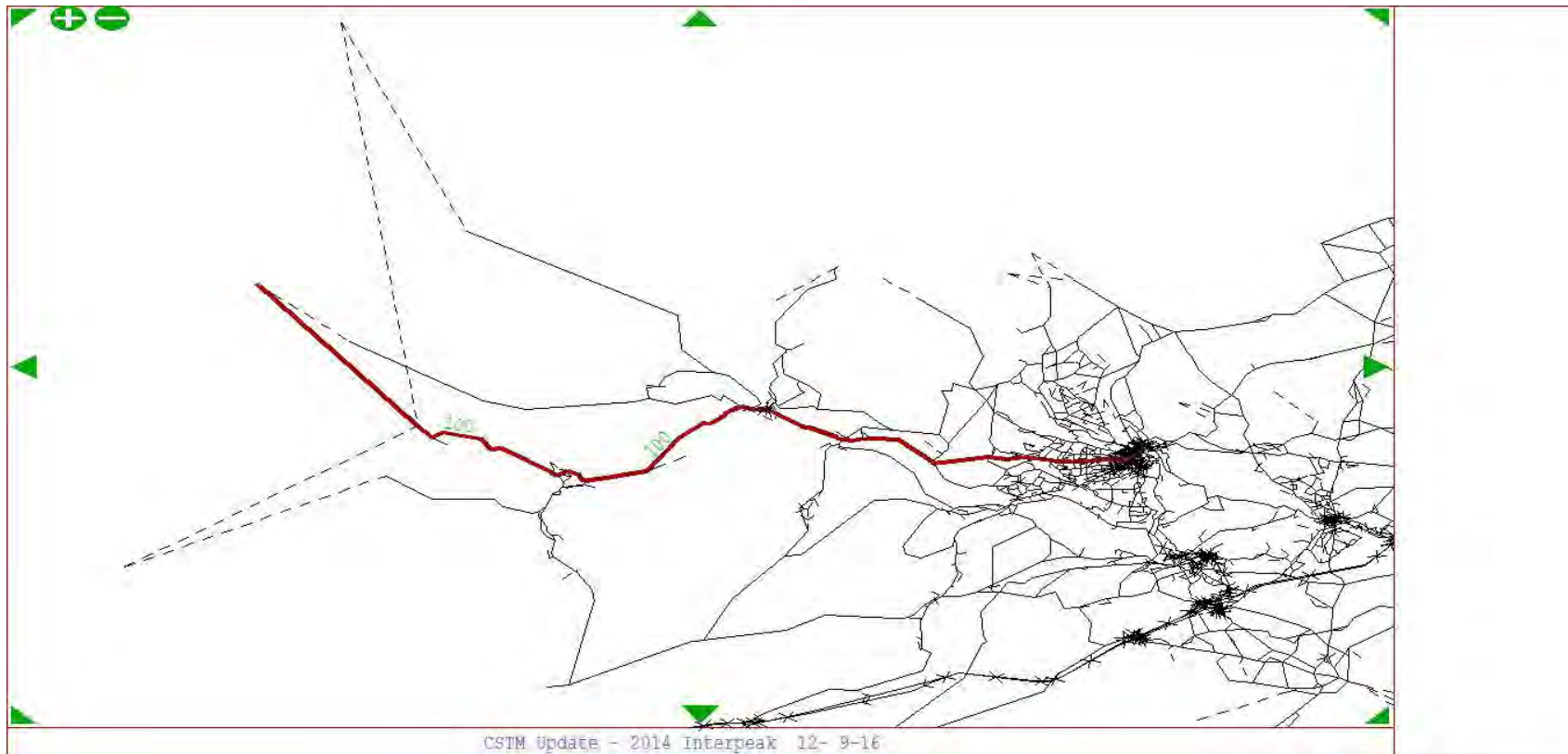
From Zone 28 To Zone 111 - User Class 4



From Zone 28 To Zone 111 - User Class 5

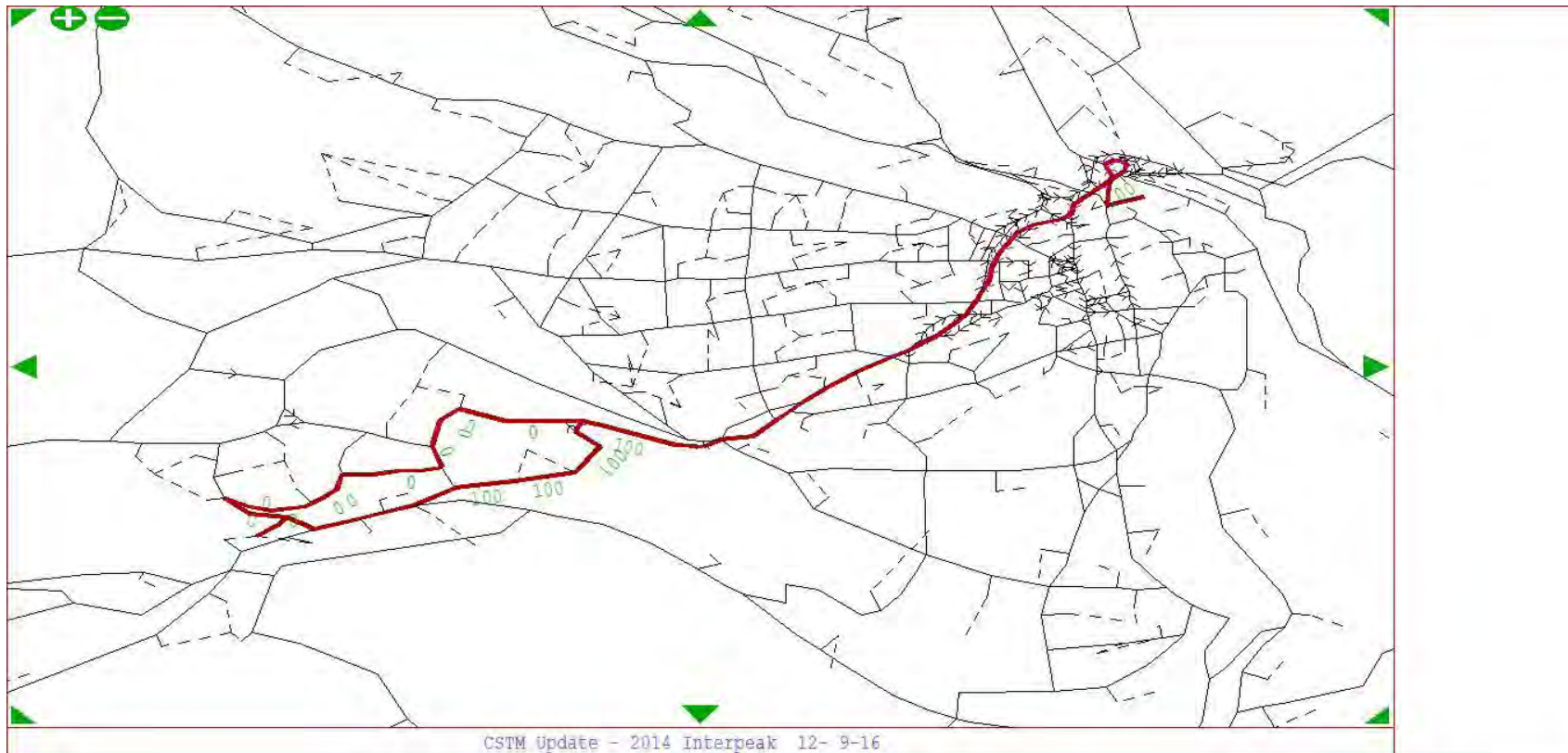


From Zone 28 To Zone 111 - User Class 6



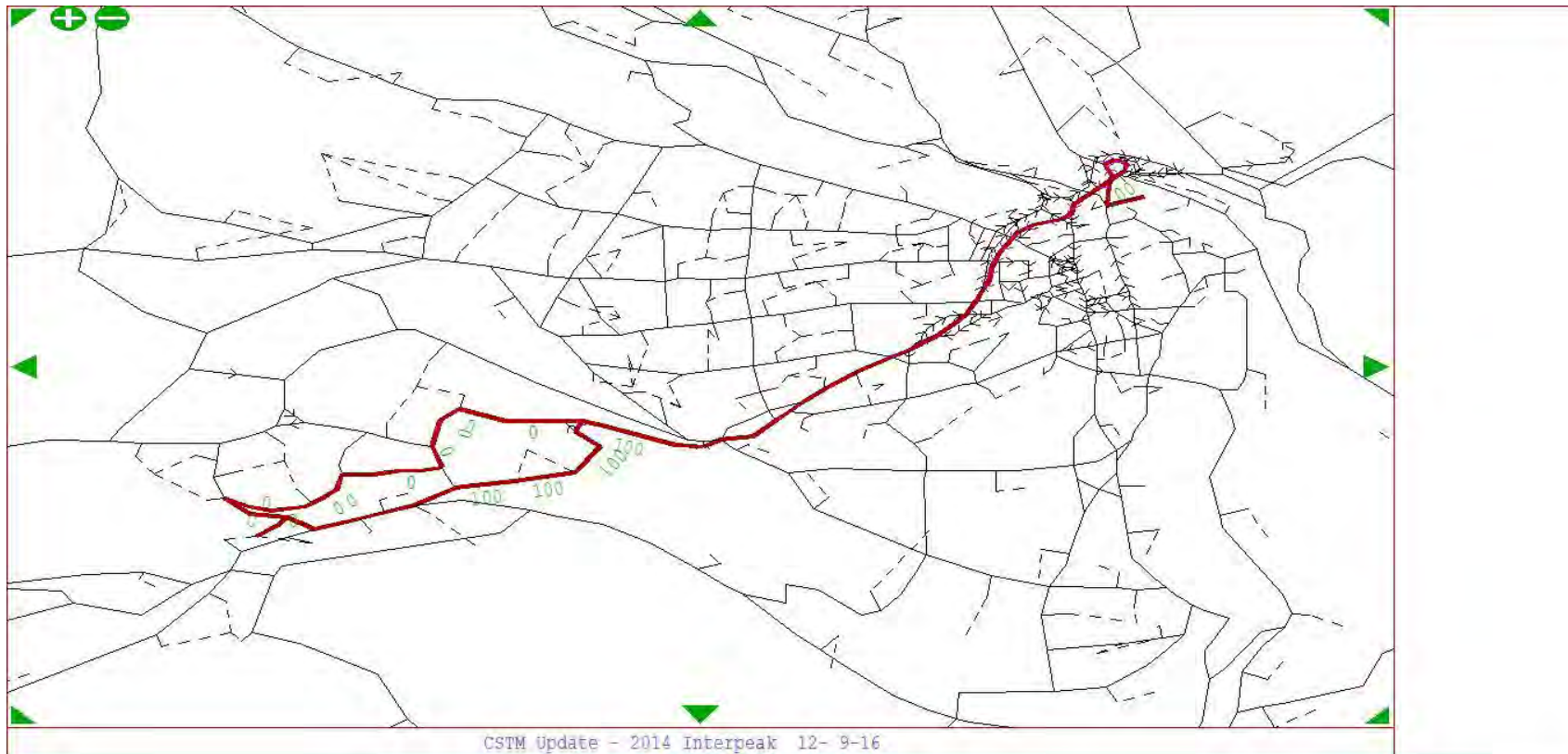
## Halifax Town Centre to Sowerby Bridge

From Zone 111 To Zone 115 - User Class 1

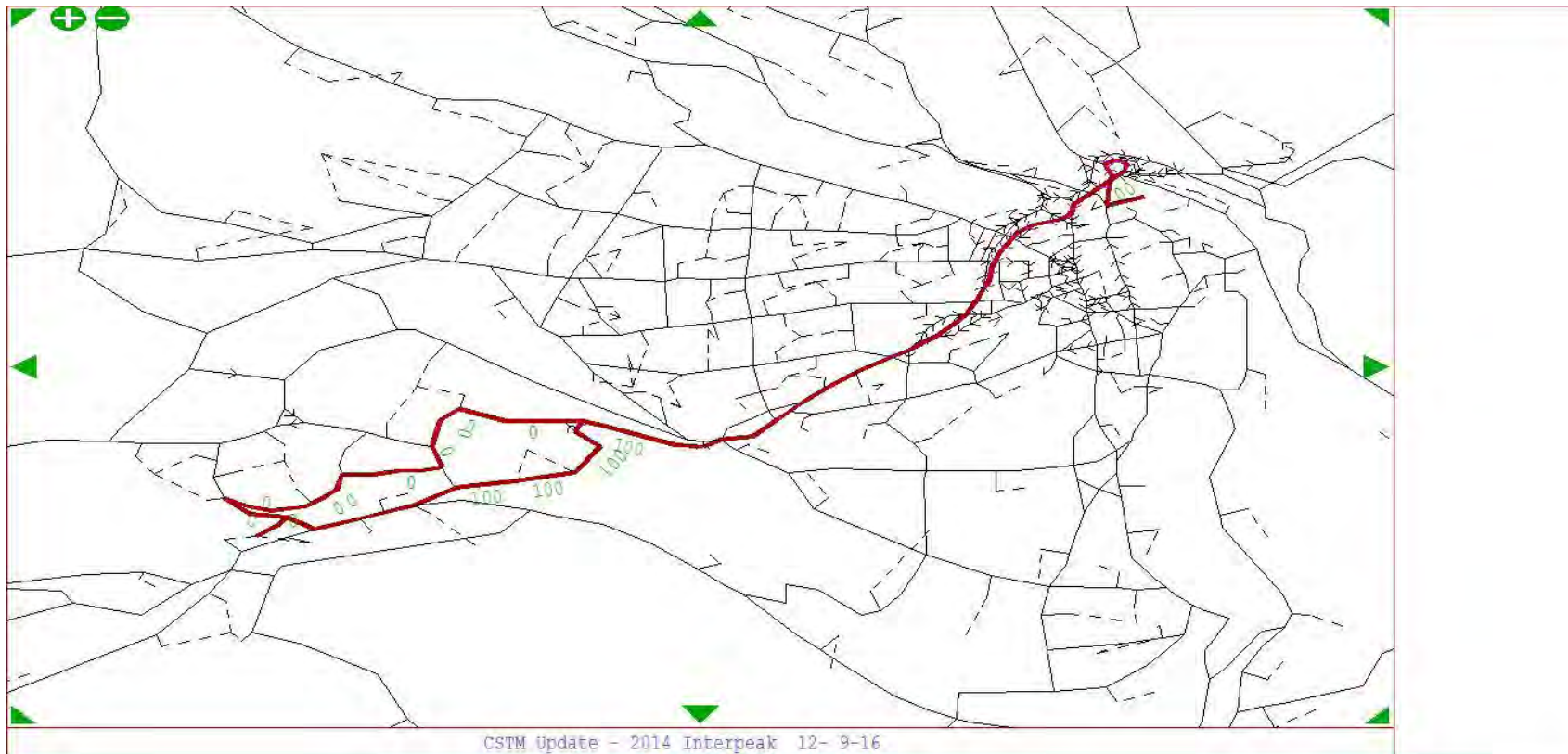




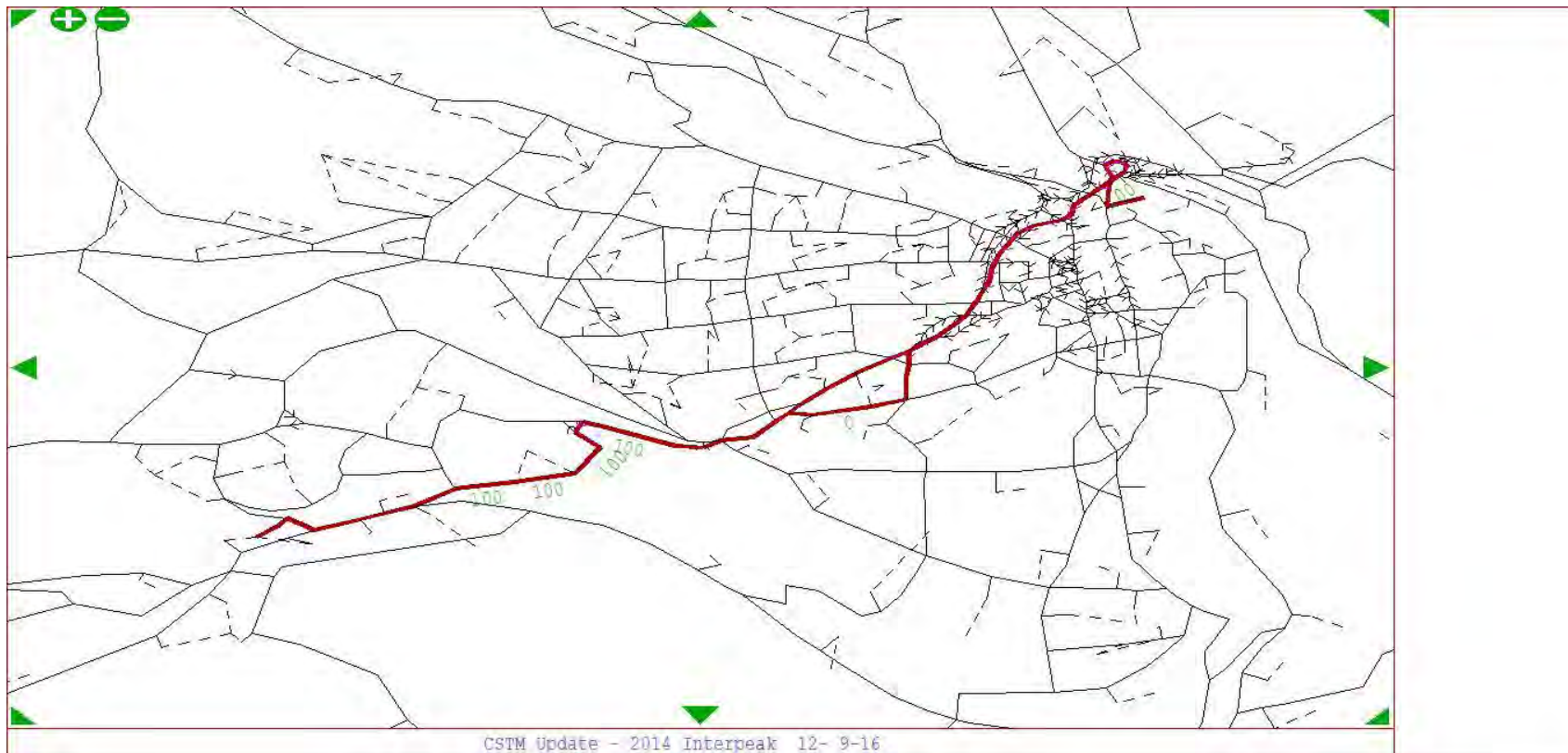
From Zone 111 To Zone 115 - User Class 2



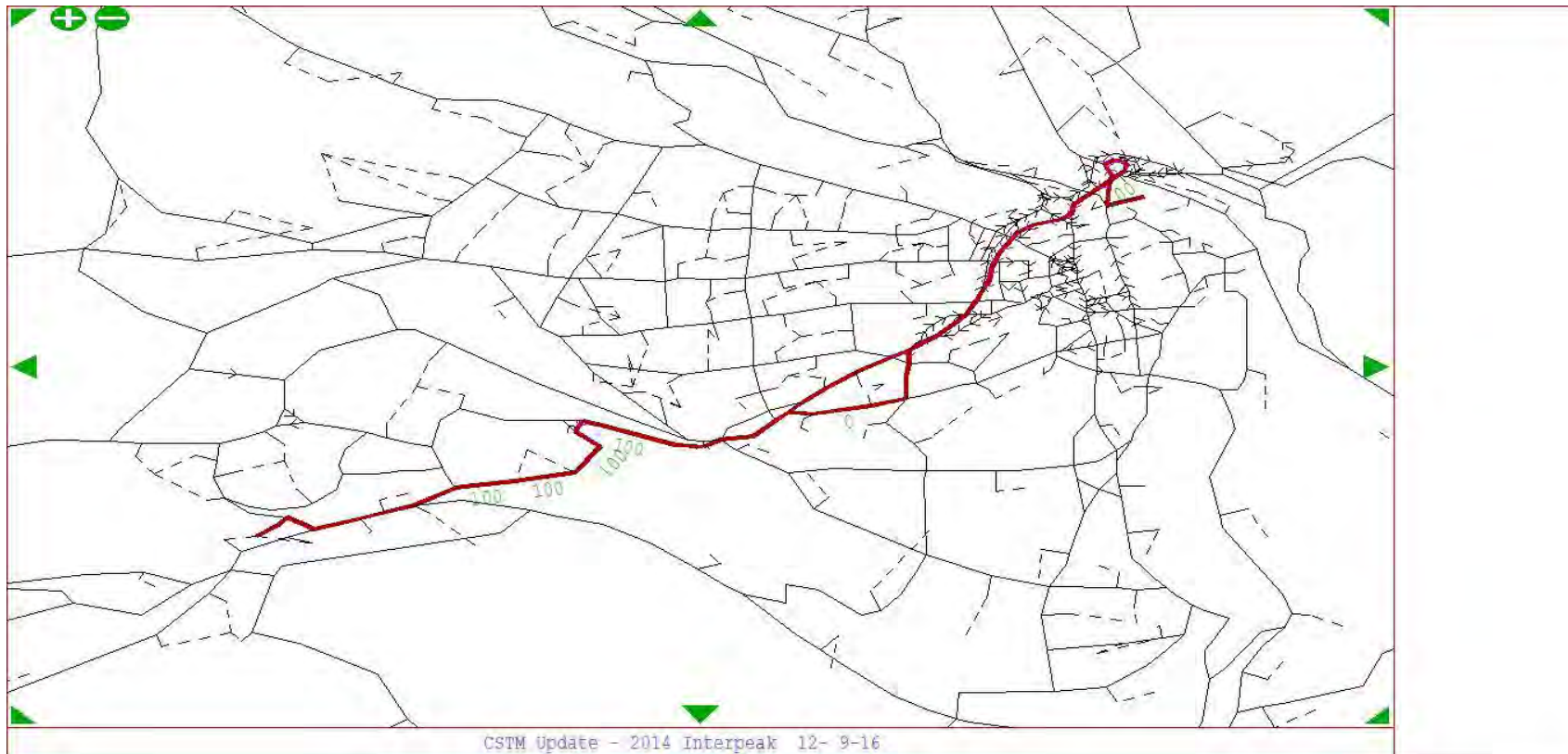
From Zone 111 To Zone 115 - User Class 3



From Zone 111 To Zone 115 - User Class 4

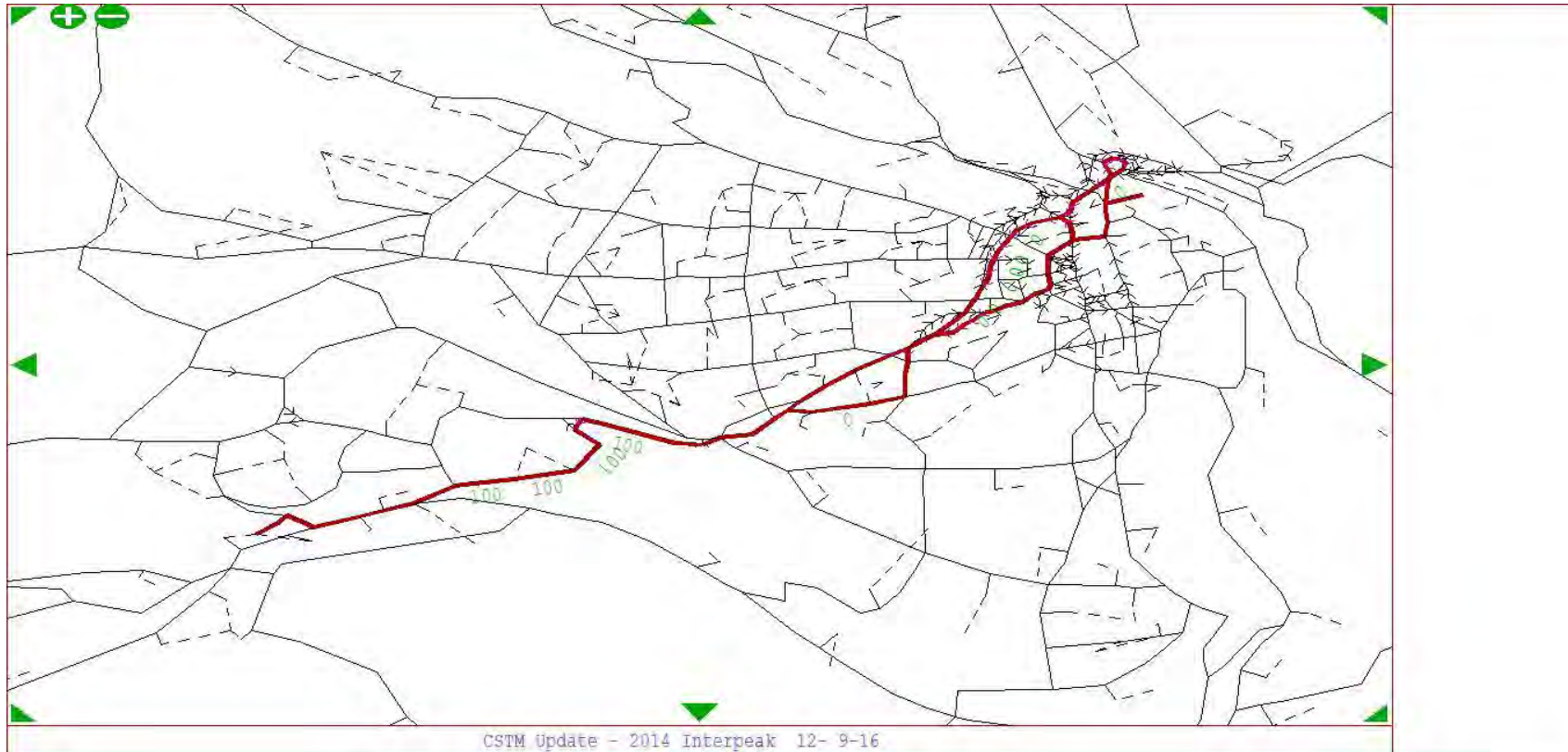


From Zone 111 To Zone 115 - User Class 5



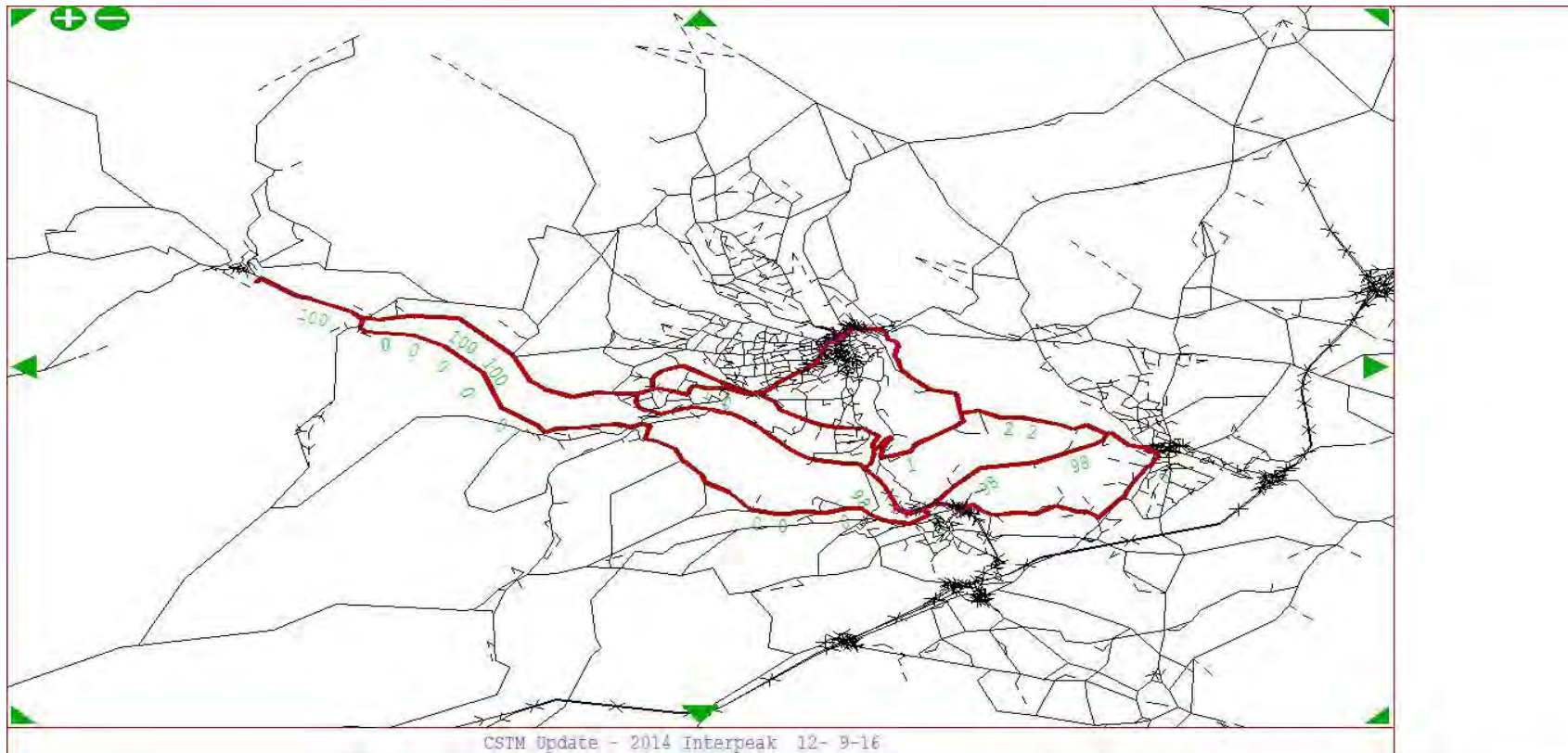


From Zone 111 To Zone 115 - User Class 6



From Zone 162 To Zone 232 - User Class 1

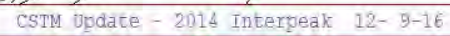
From Zone 162 To Zone 232 - User Class 1



CSTM Update - 2014 Interpeak 12- 9-16

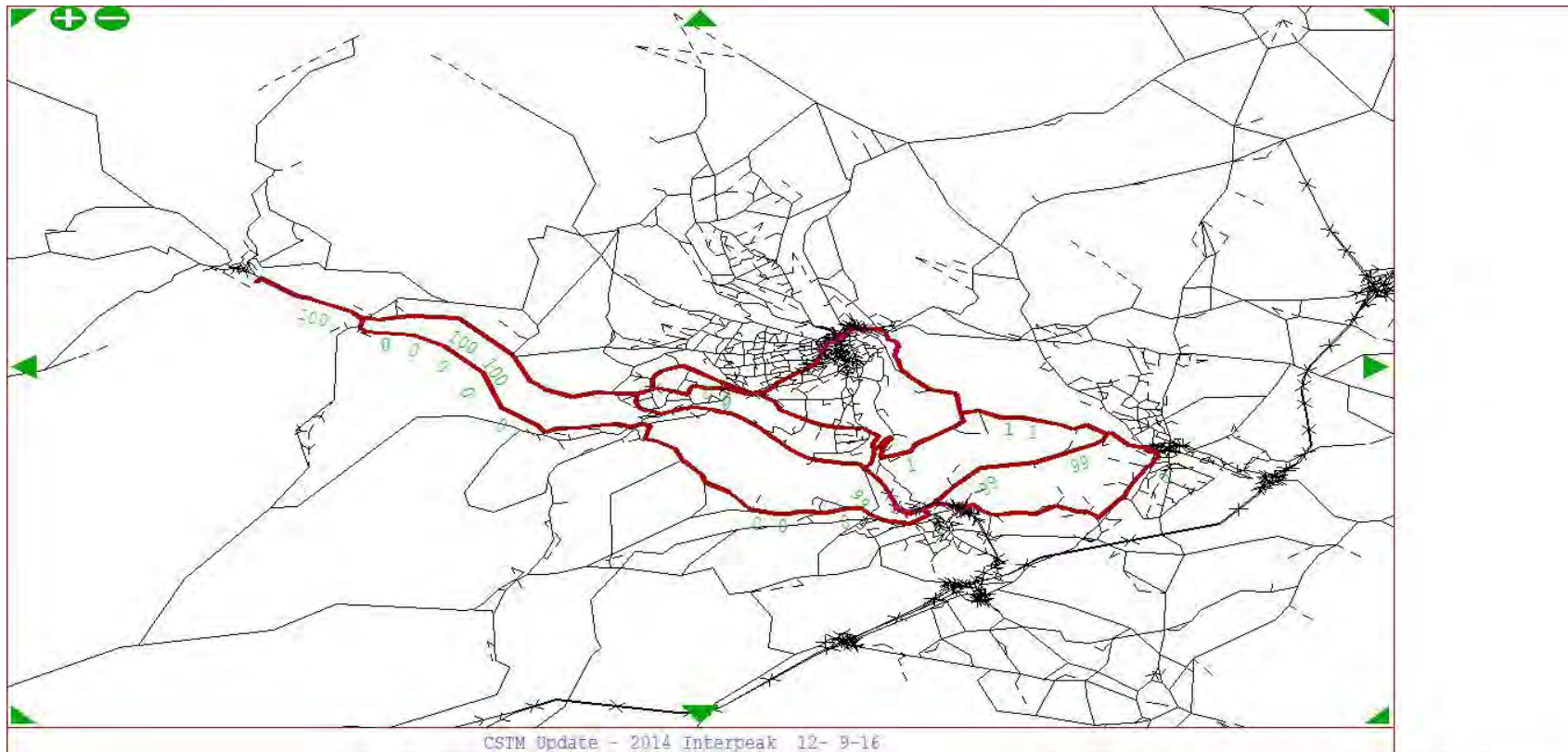
CSTM Update - 2014 Interpeak 12- 9-16



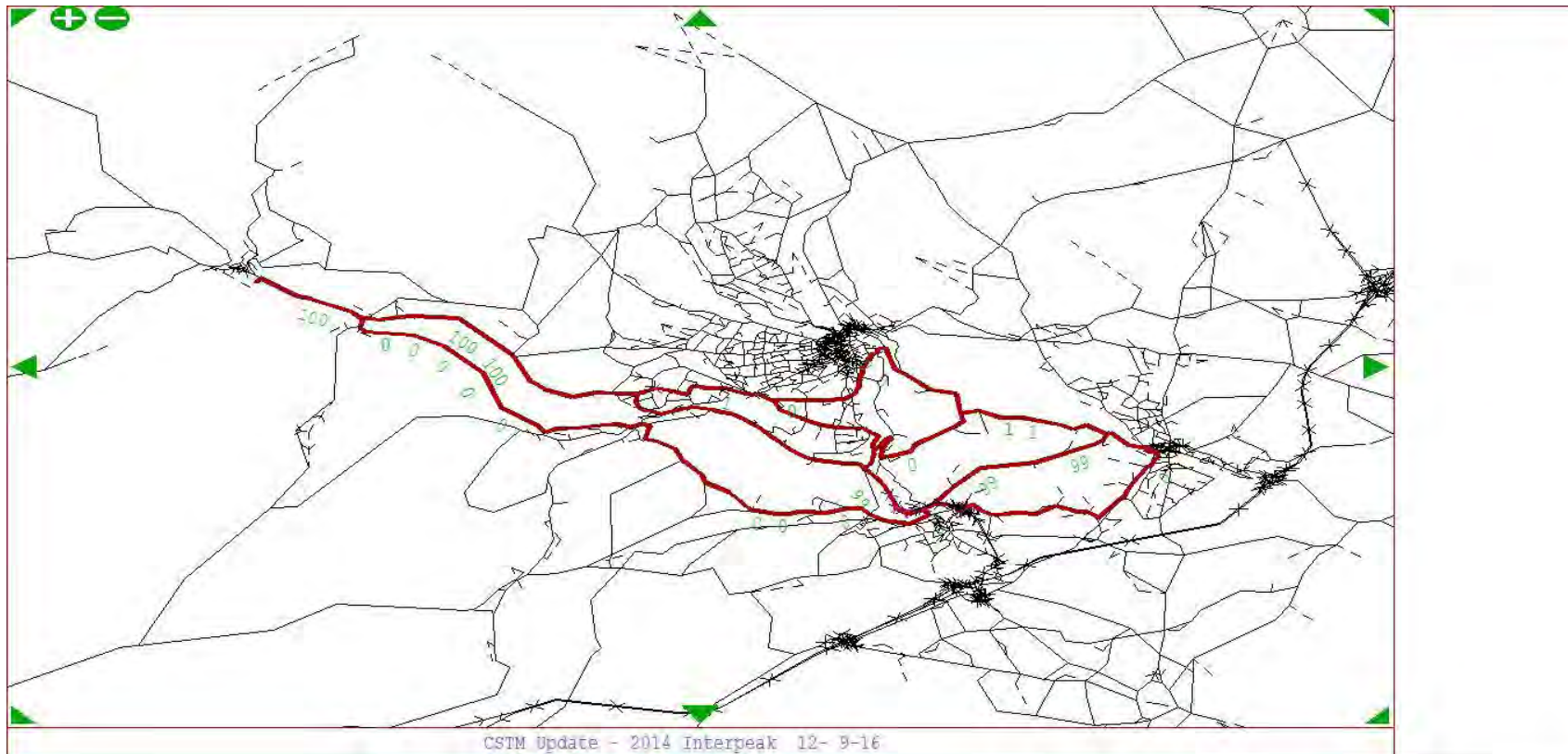




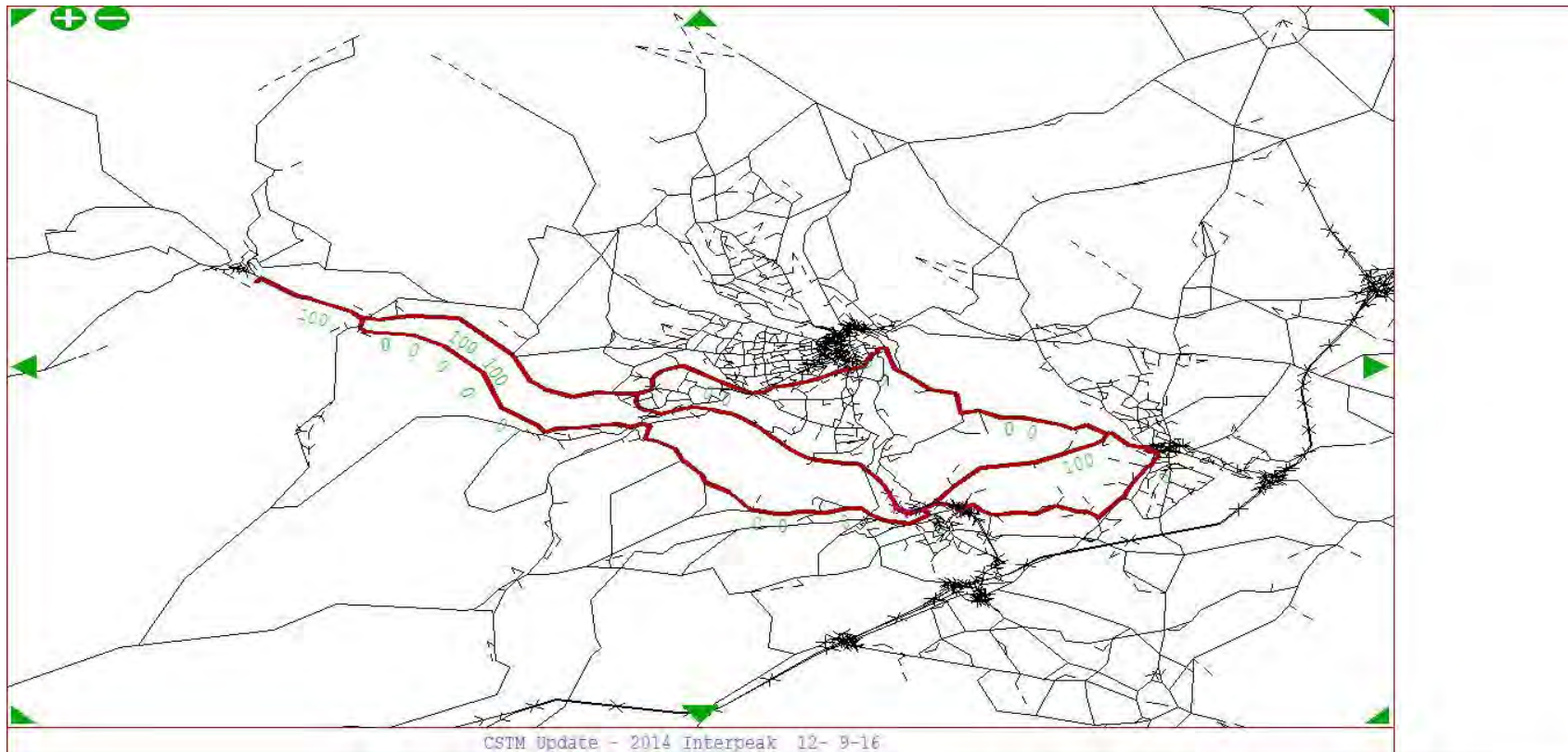
From Zone 162 To Zone 232 - User Class 4



From Zone 162 To Zone 232 - User Class 5



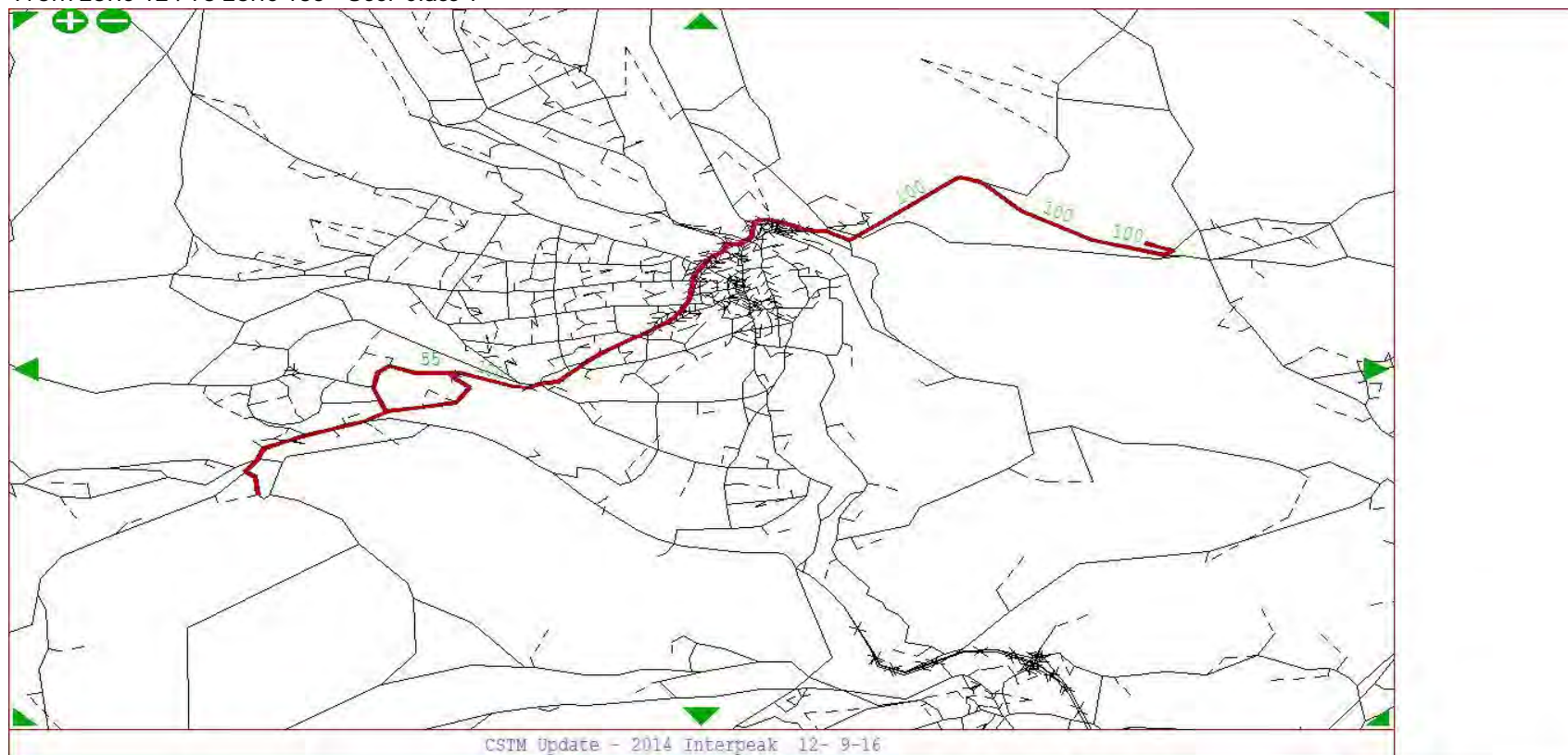
From Zone 162 To Zone 232 - User Class 6





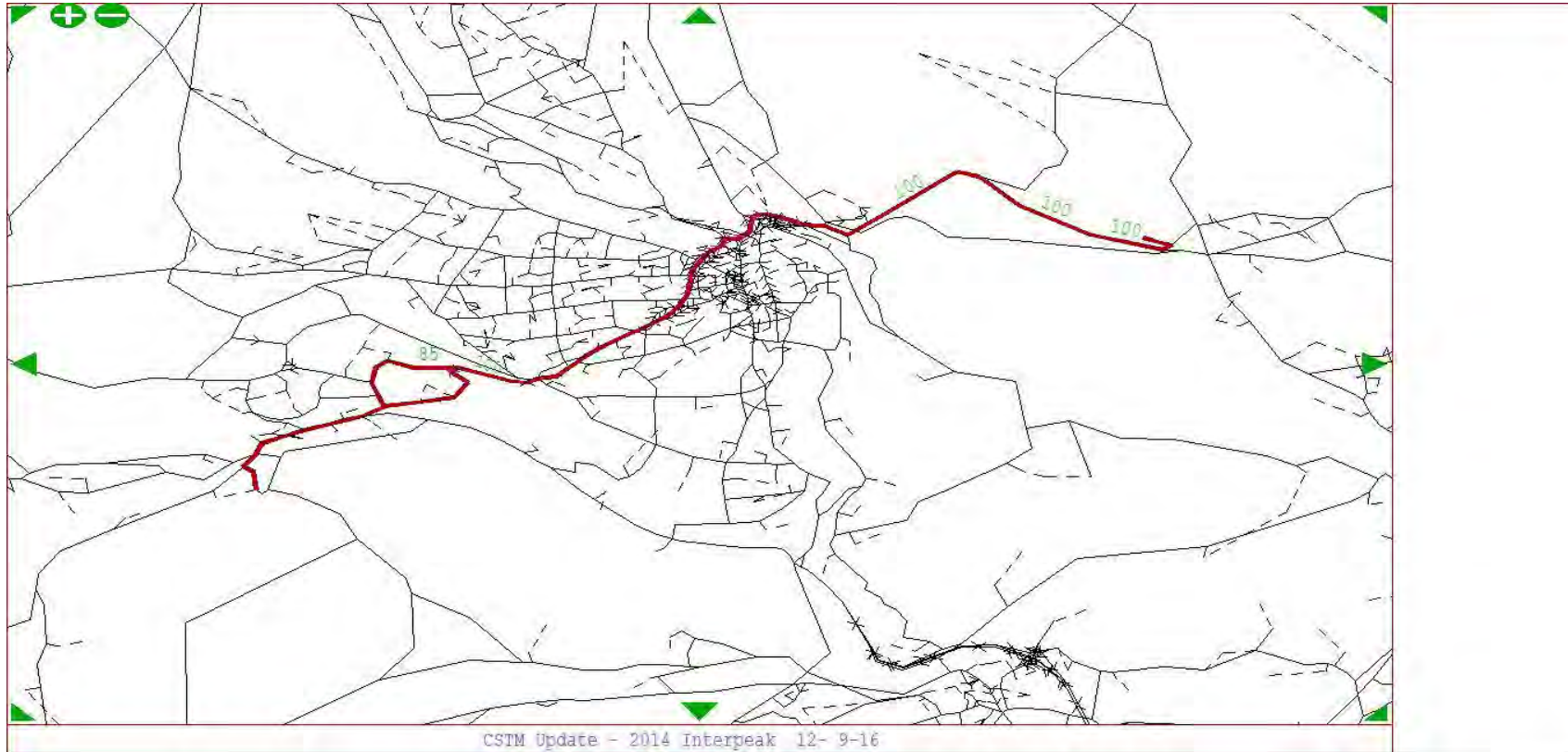
## Sowerby Bridge to Hipperholme

From Zone 124 To Zone 135 - User Class 1

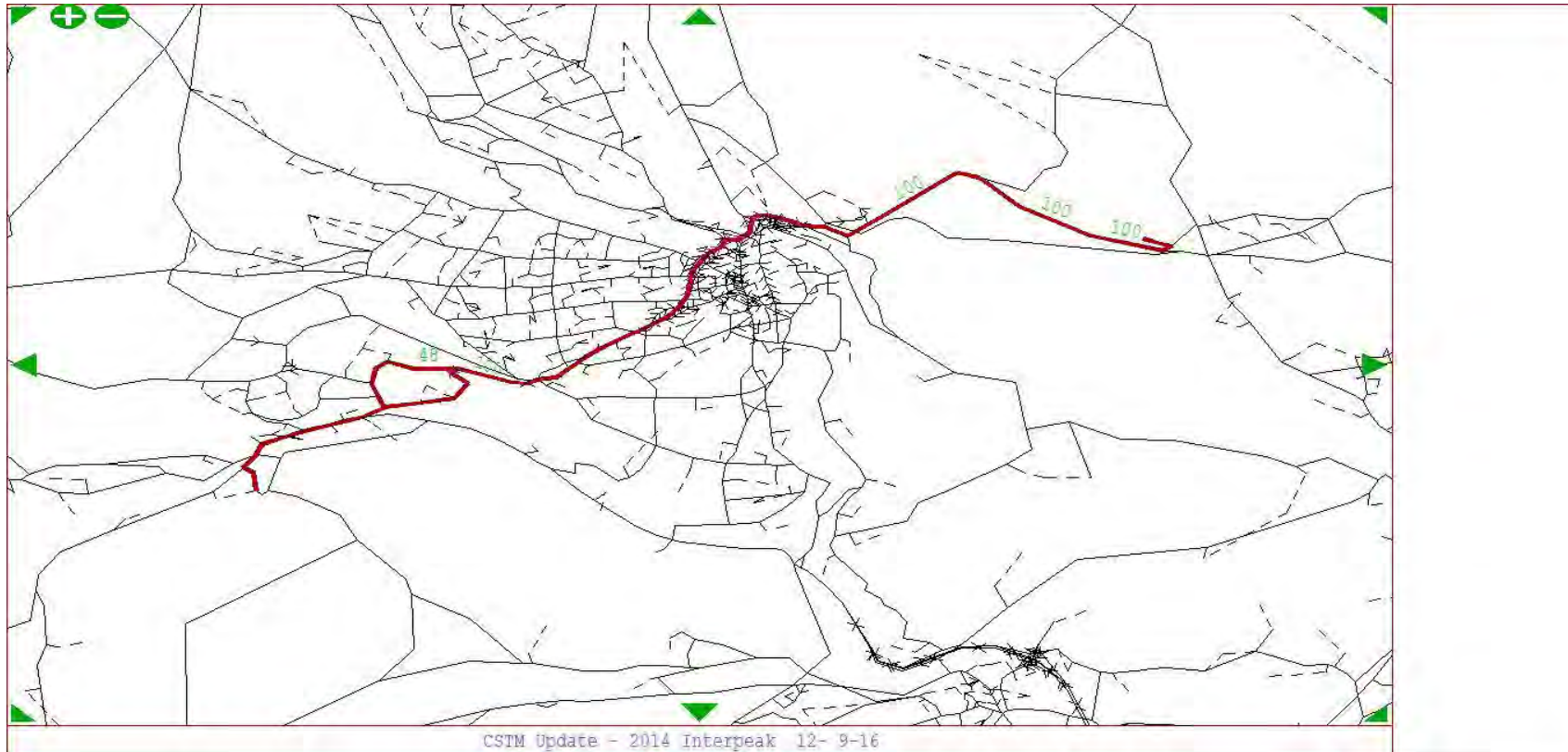




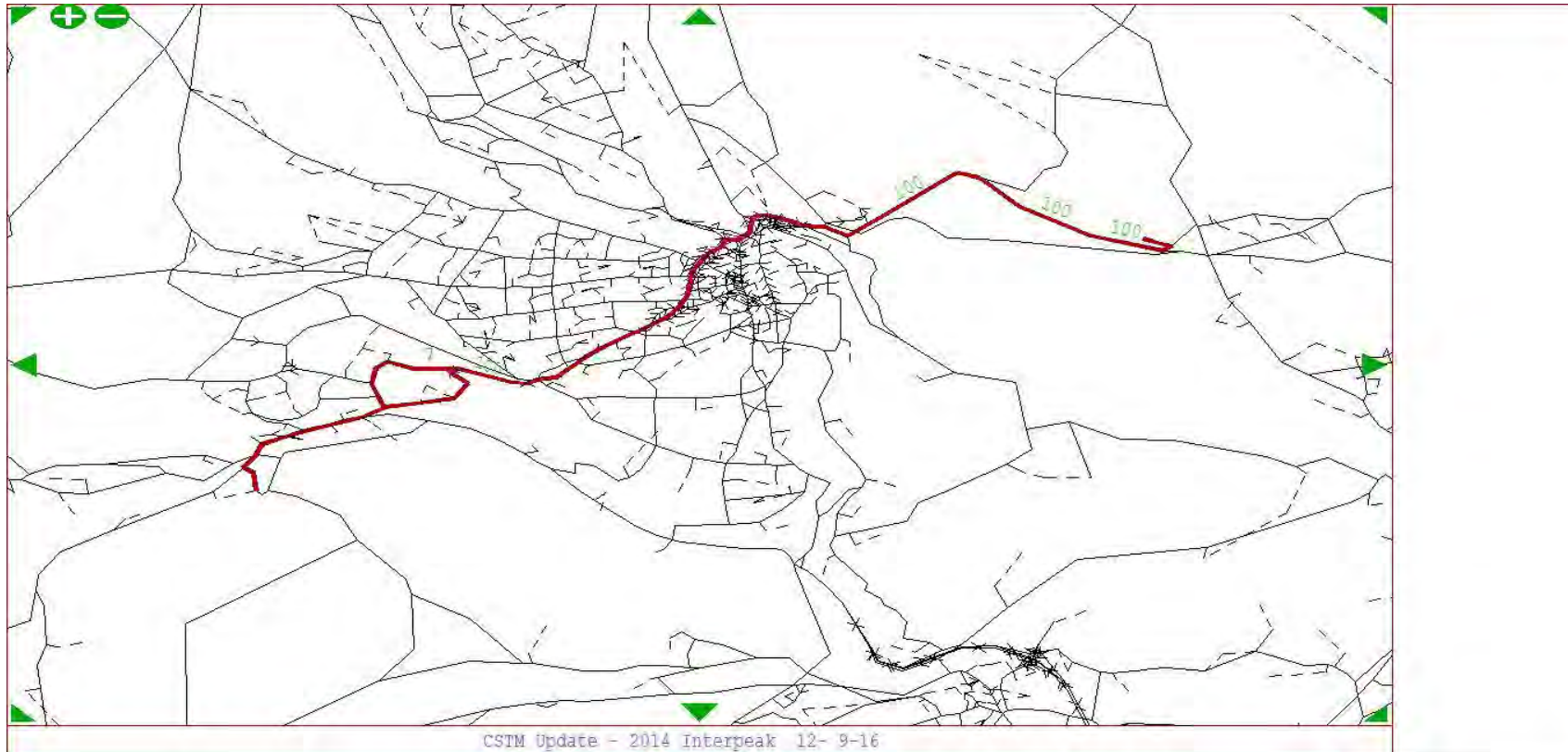
From Zone 124 To Zone 135 - User Class 2



From Zone 124 To Zone 135 - User Class 3

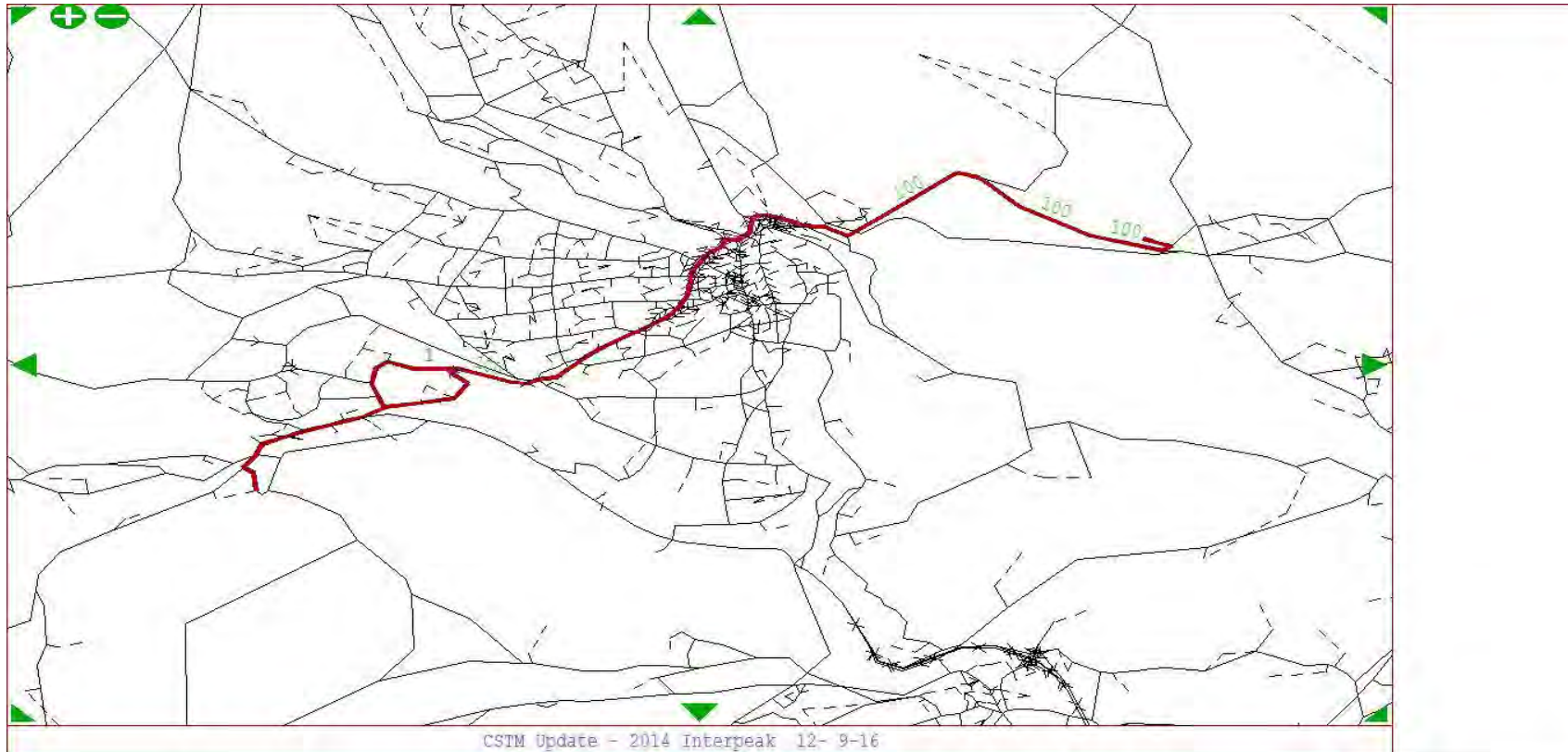


From Zone 124 To Zone 135 - User Class 4



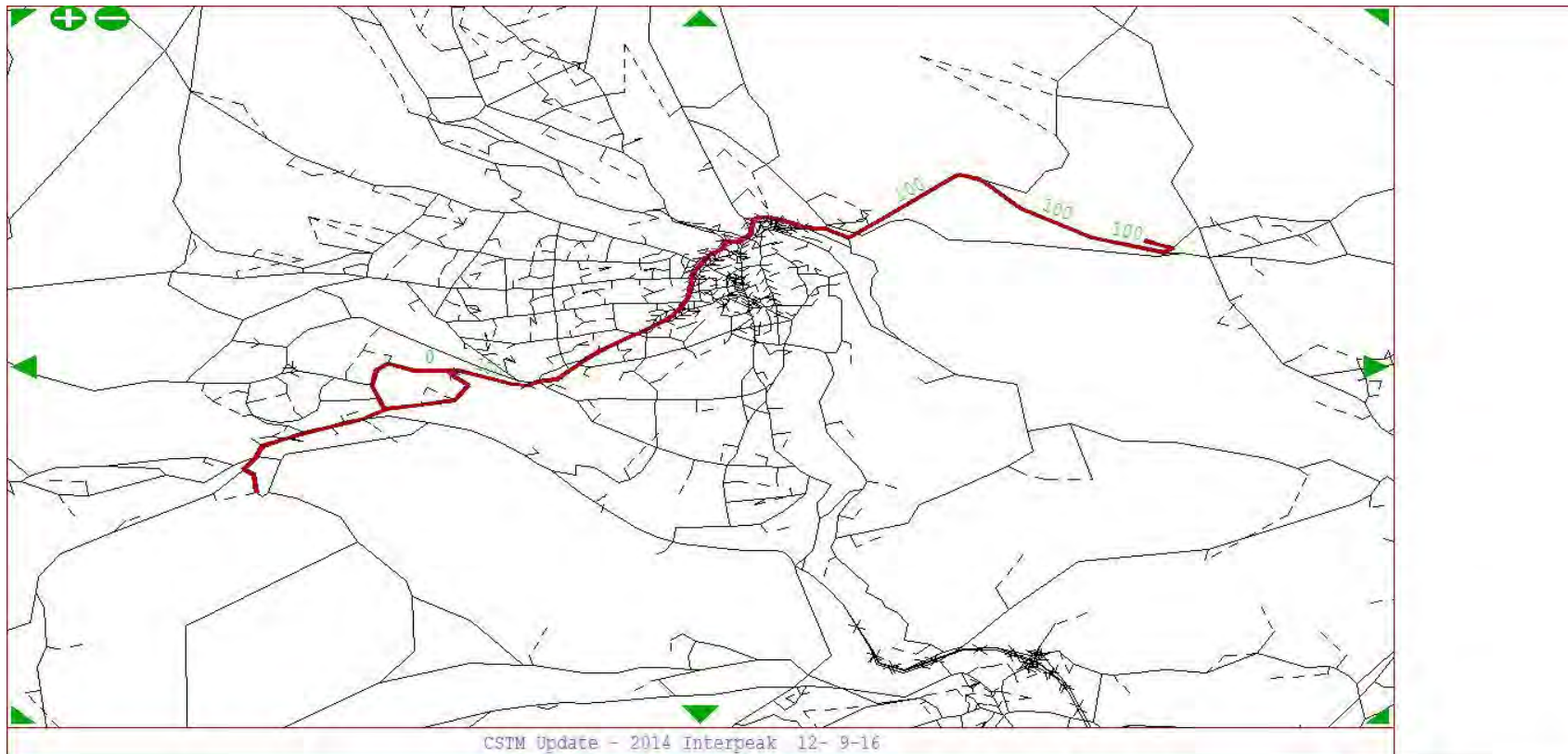


From Zone 124 To Zone 135 - User Class 5



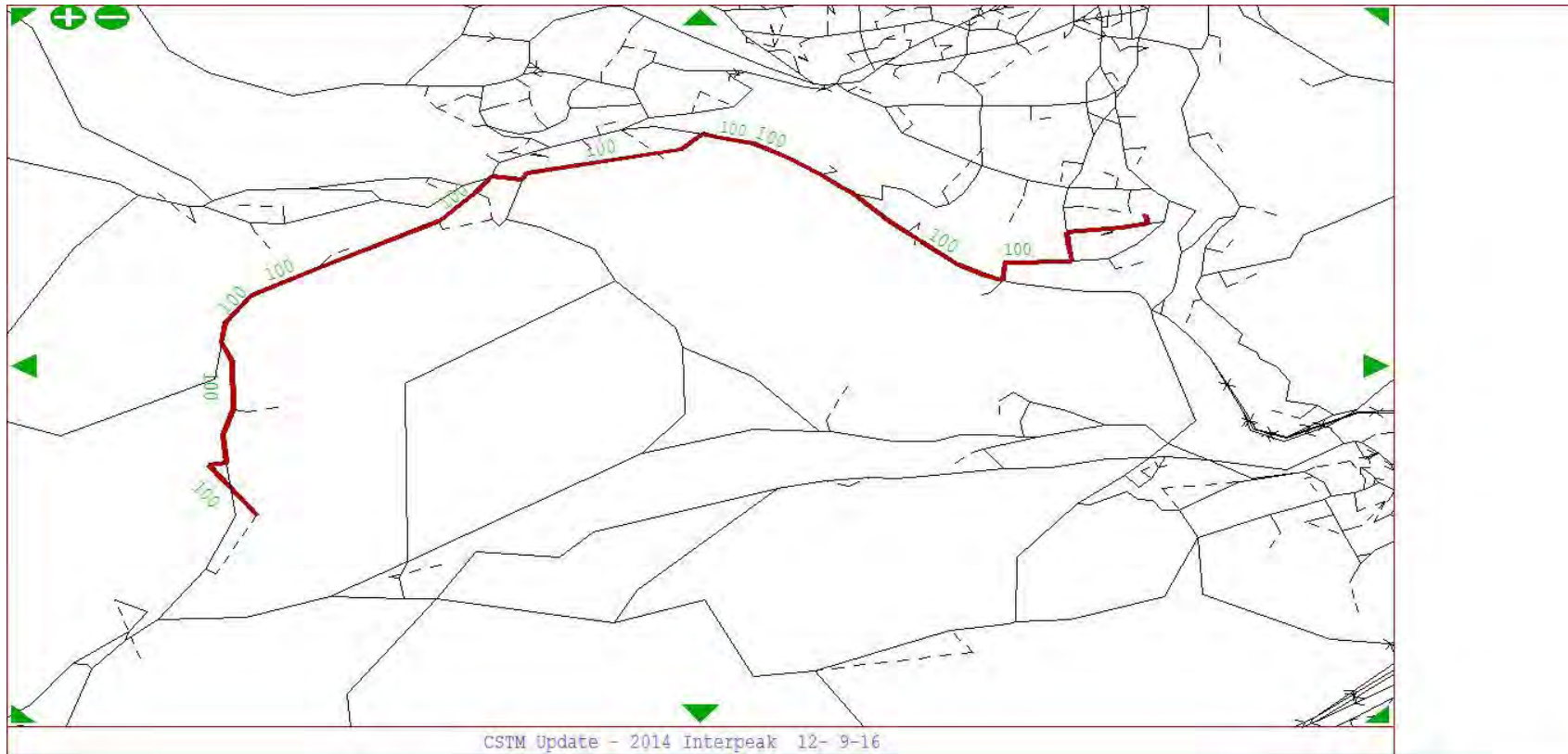


From Zone 124 To Zone 135 - User Class 6



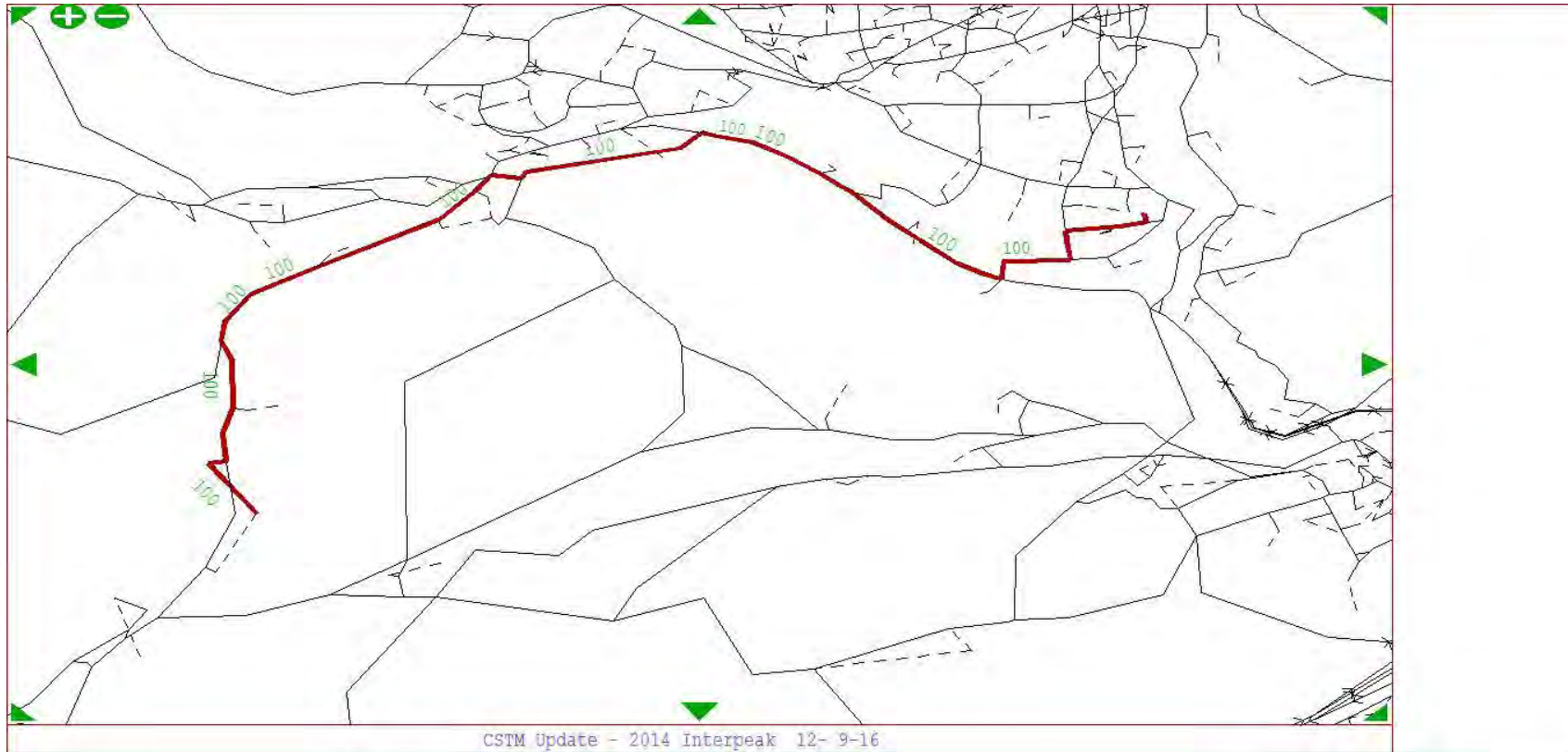
### From Zone 214 To Zone 836 - User Class 1

### From Zone 214 To Zone 836 - User Class 1



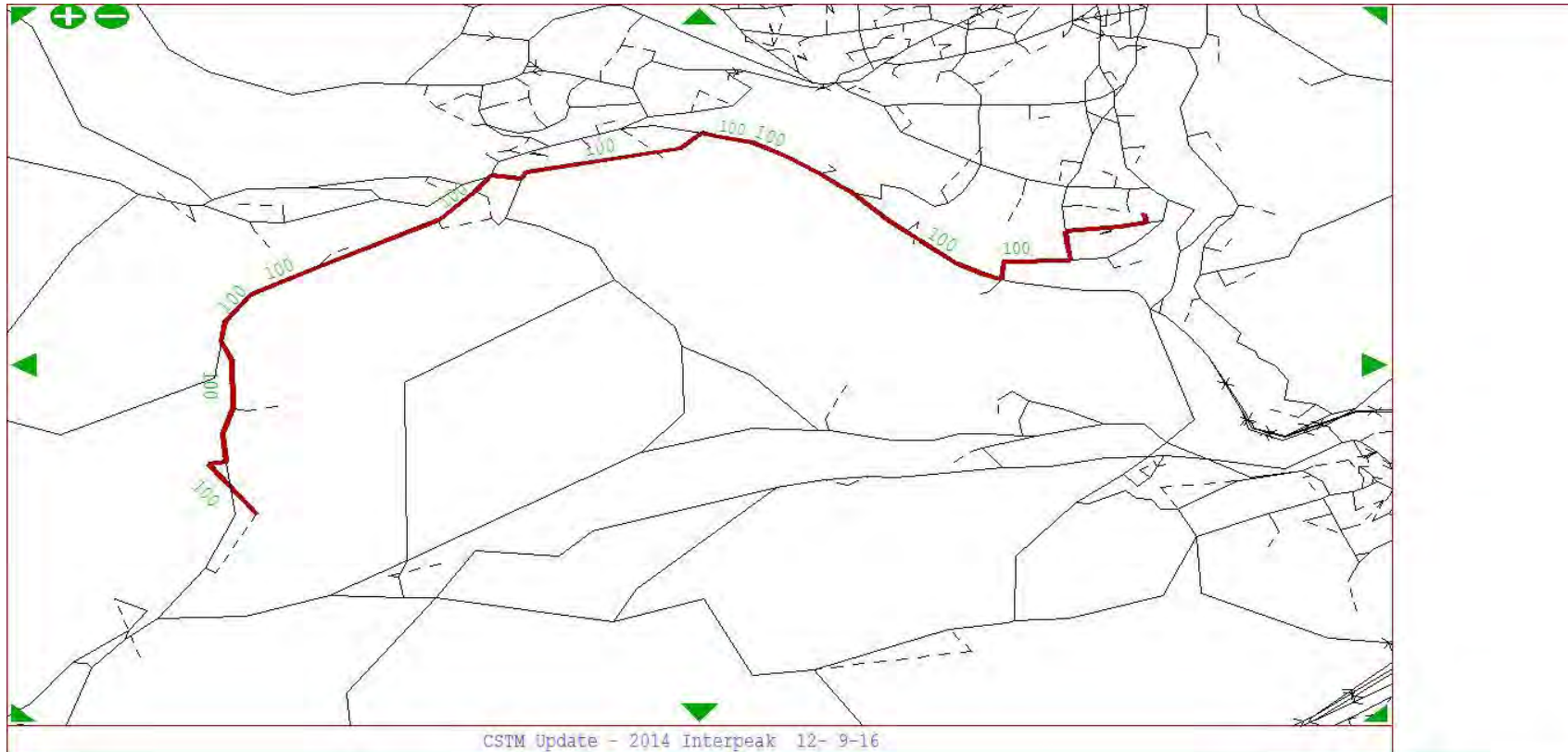
CSTM Update - 2014 Interpeak 12- 9-16

From Zone 214 To Zone 836 - User Class 3





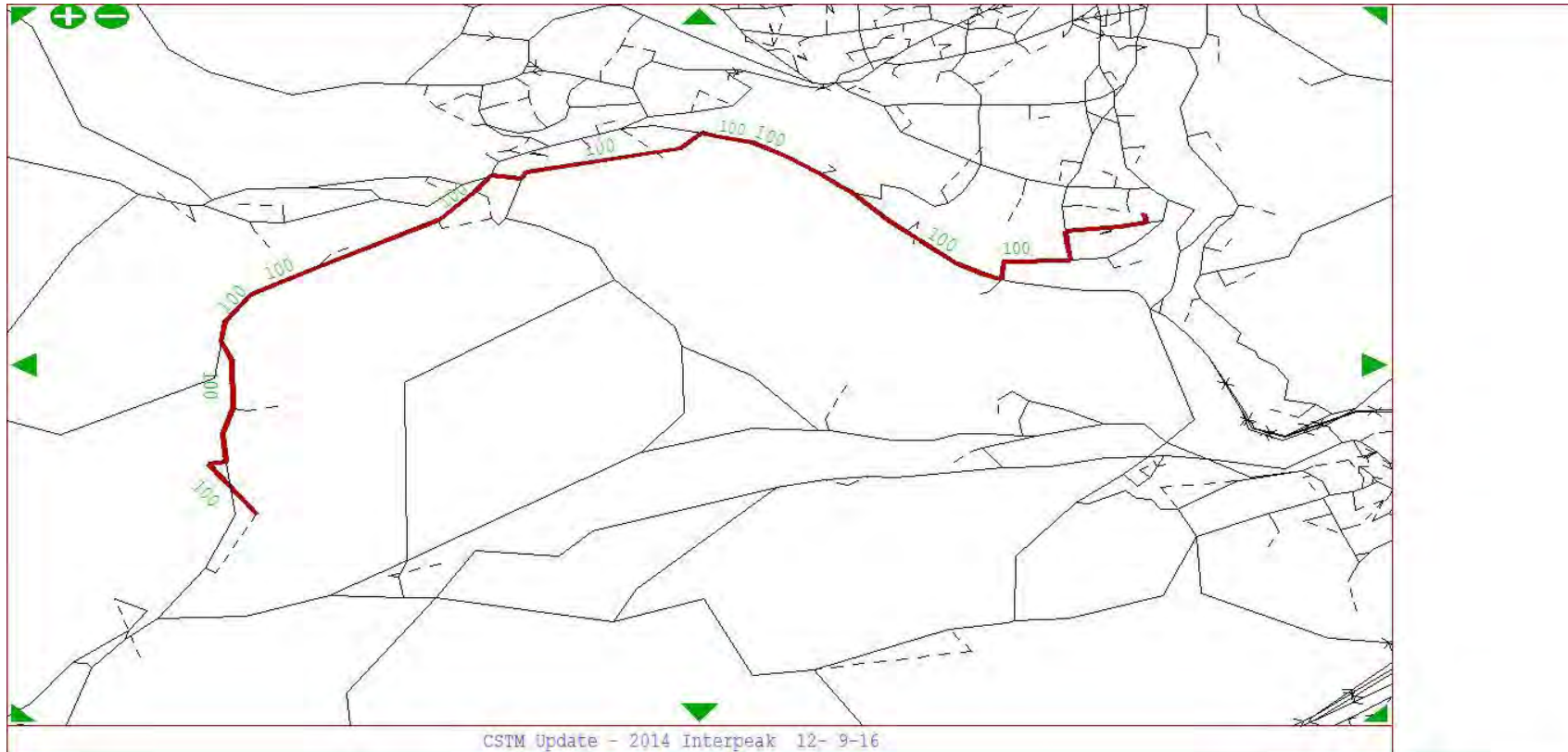
From Zone 214 To Zone 836 - User Class 4



A topographic map showing a proposed route (red line) and existing routes (black lines) with elevation contours (100, 200, 300). The map includes a north arrow and a scale bar.

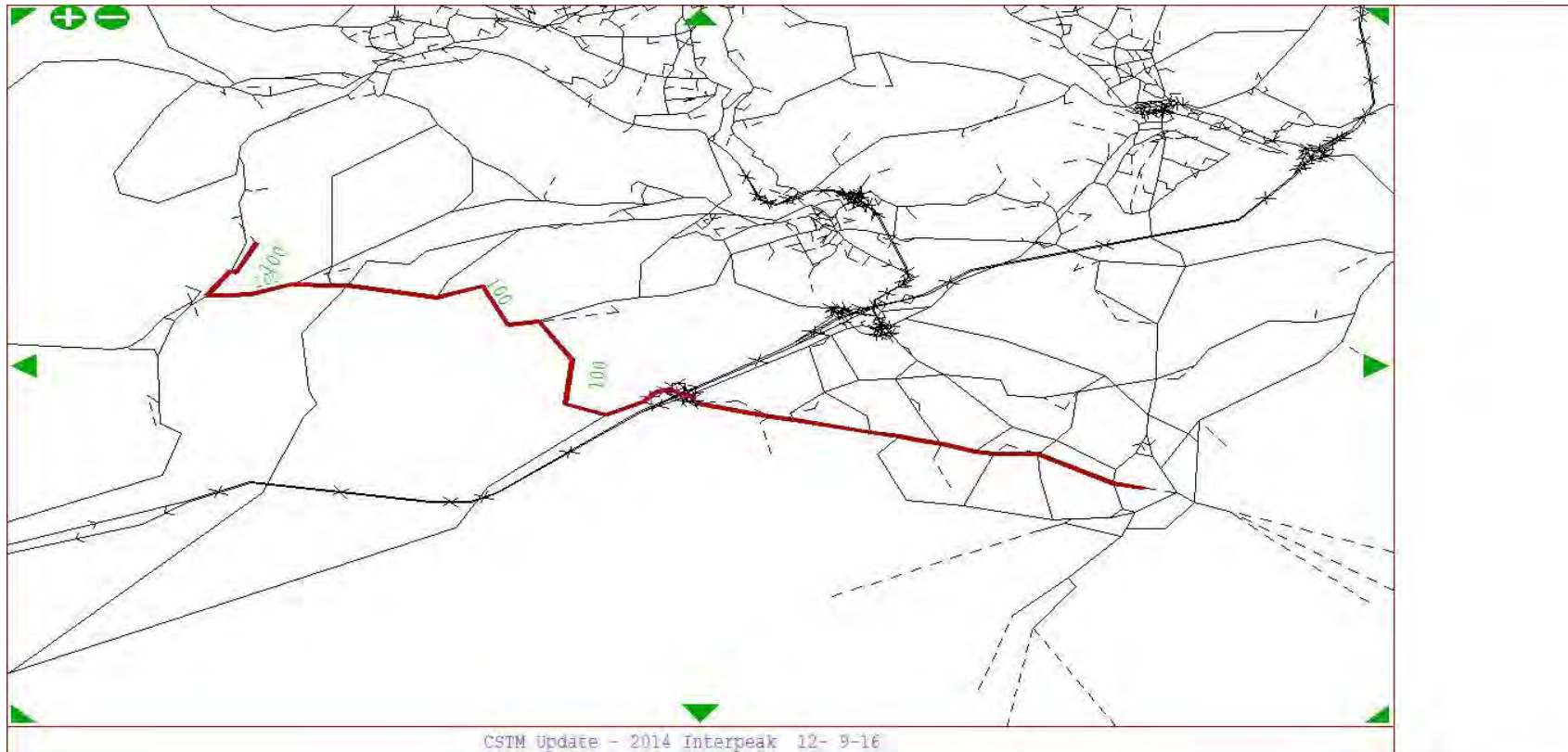
CSTM Update - 2014 Interpeak 12- 9-16

From Zone 214 To Zone 836 - User Class 6



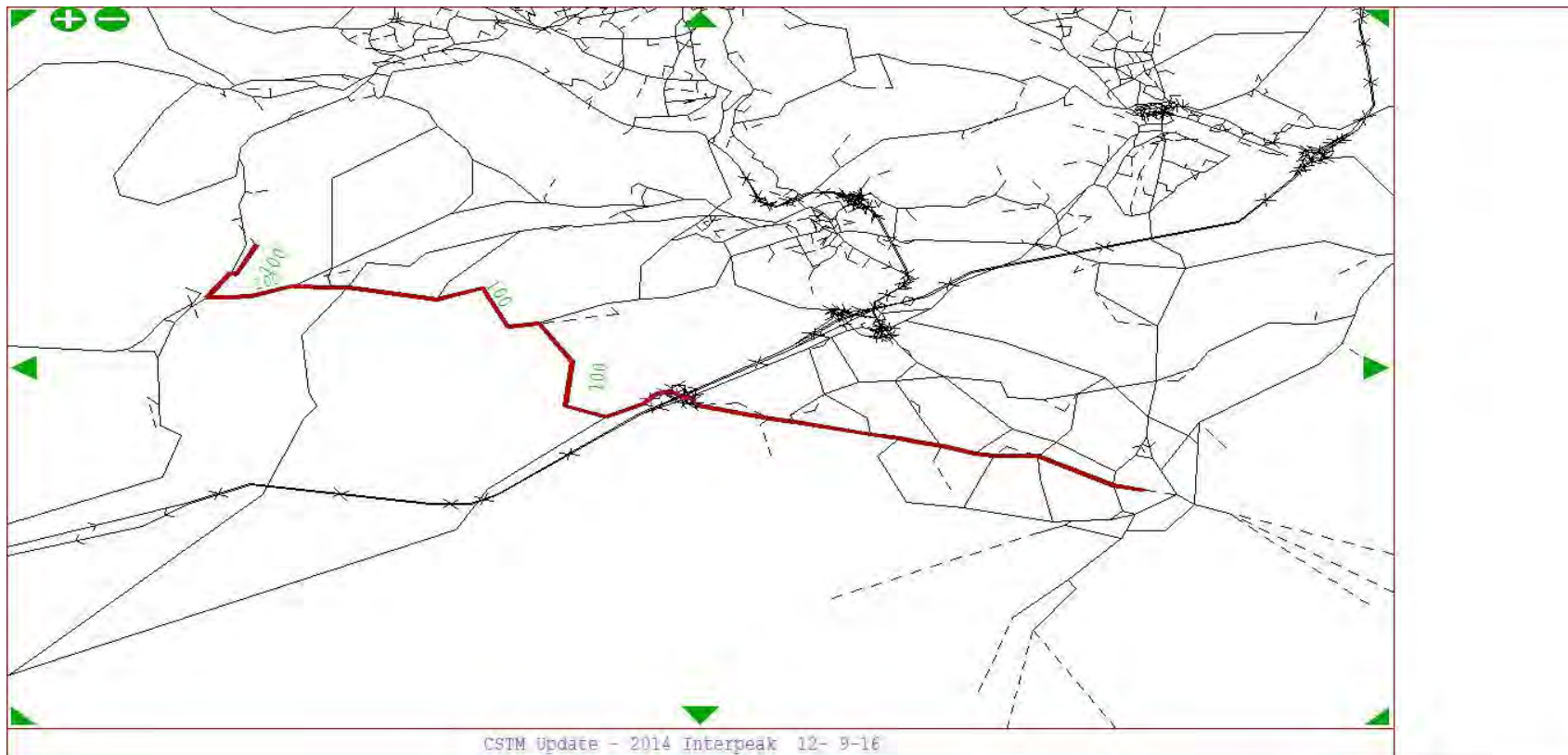
## Ripponden to Huddersfield

From Zone 214 To Zone 909 - User Class 1

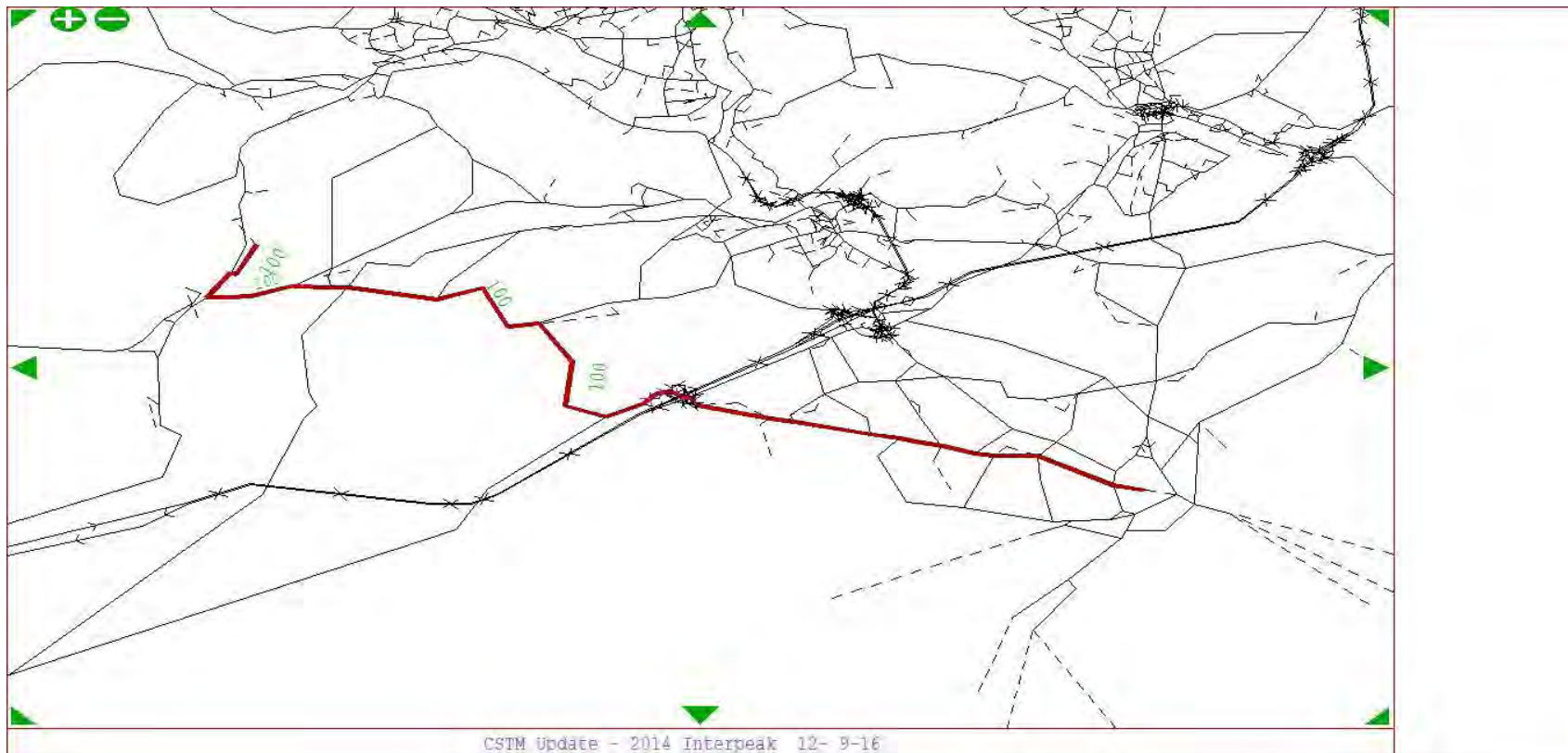




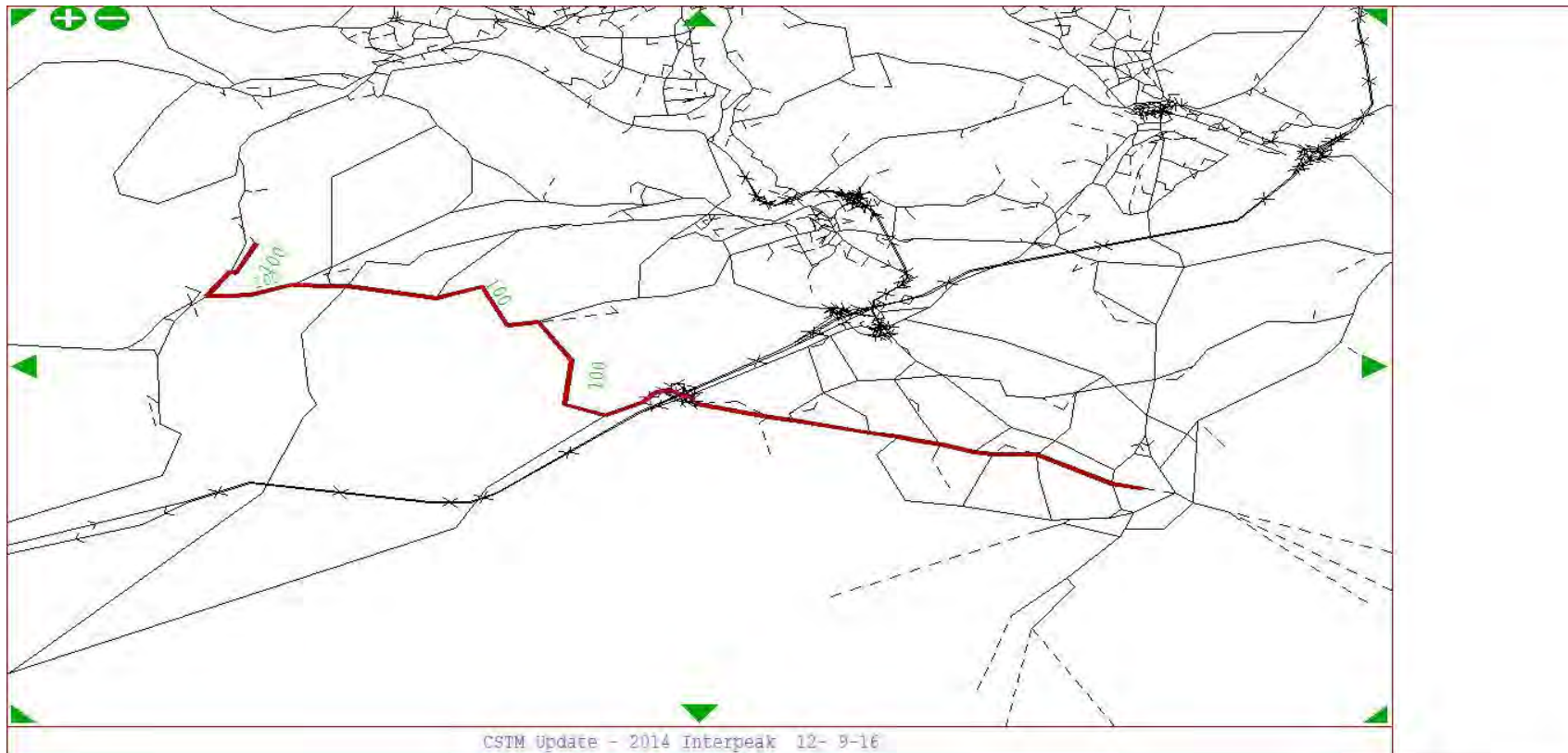
From Zone 214 To Zone 909 - User Class 2



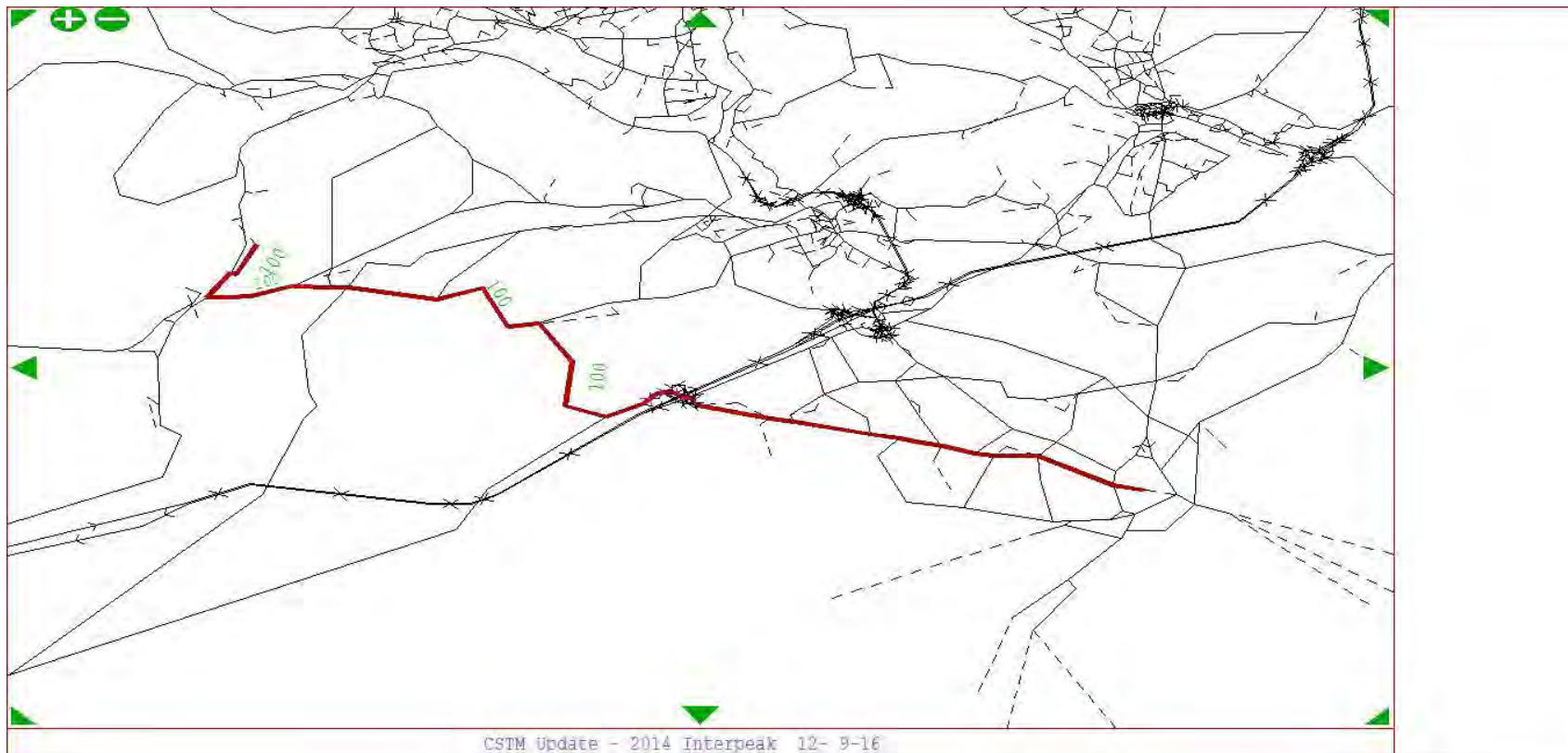
From Zone 214 To Zone 909 - User Class 3



From Zone 214 To Zone 909 - User Class 4

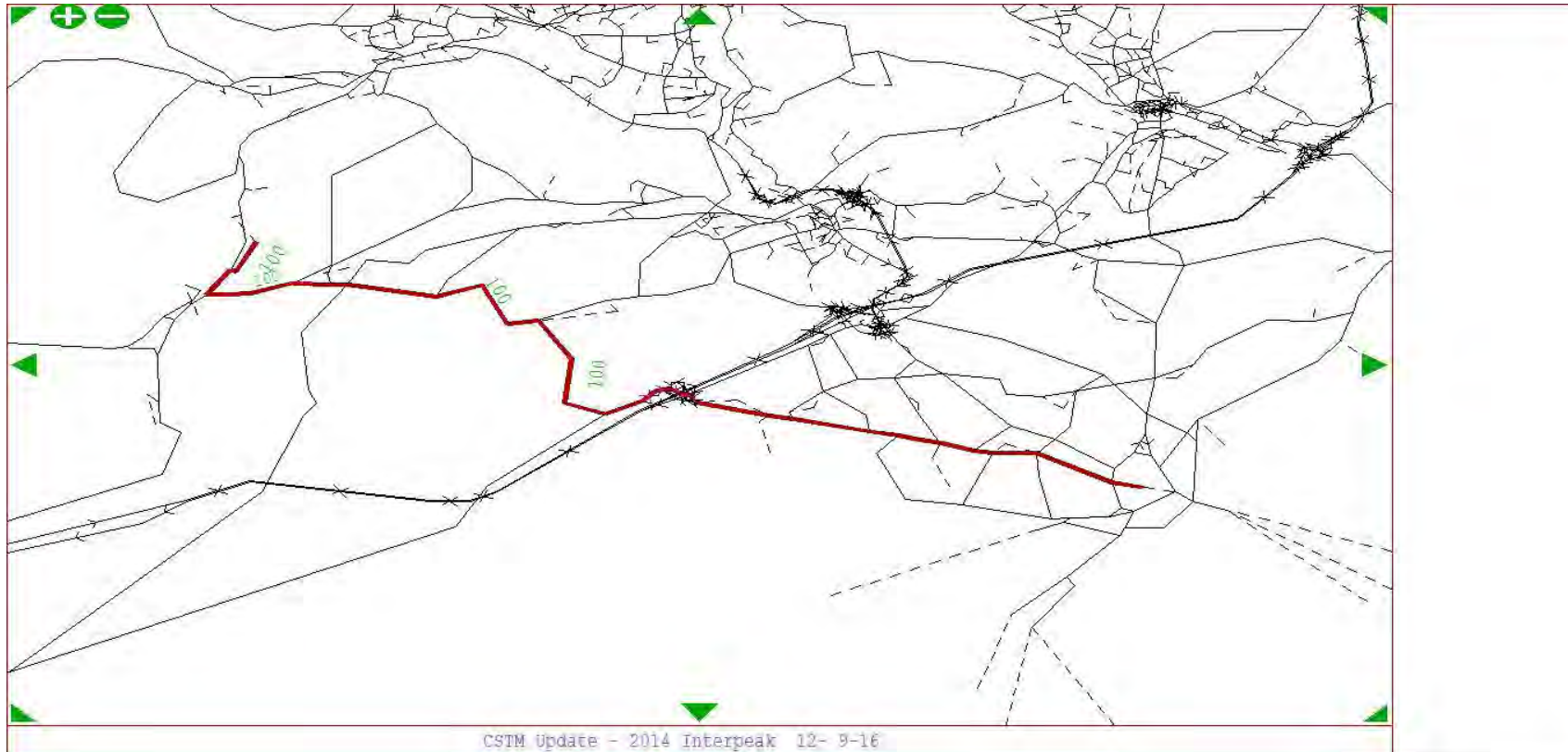


From Zone 214 To Zone 909 - User Class 5



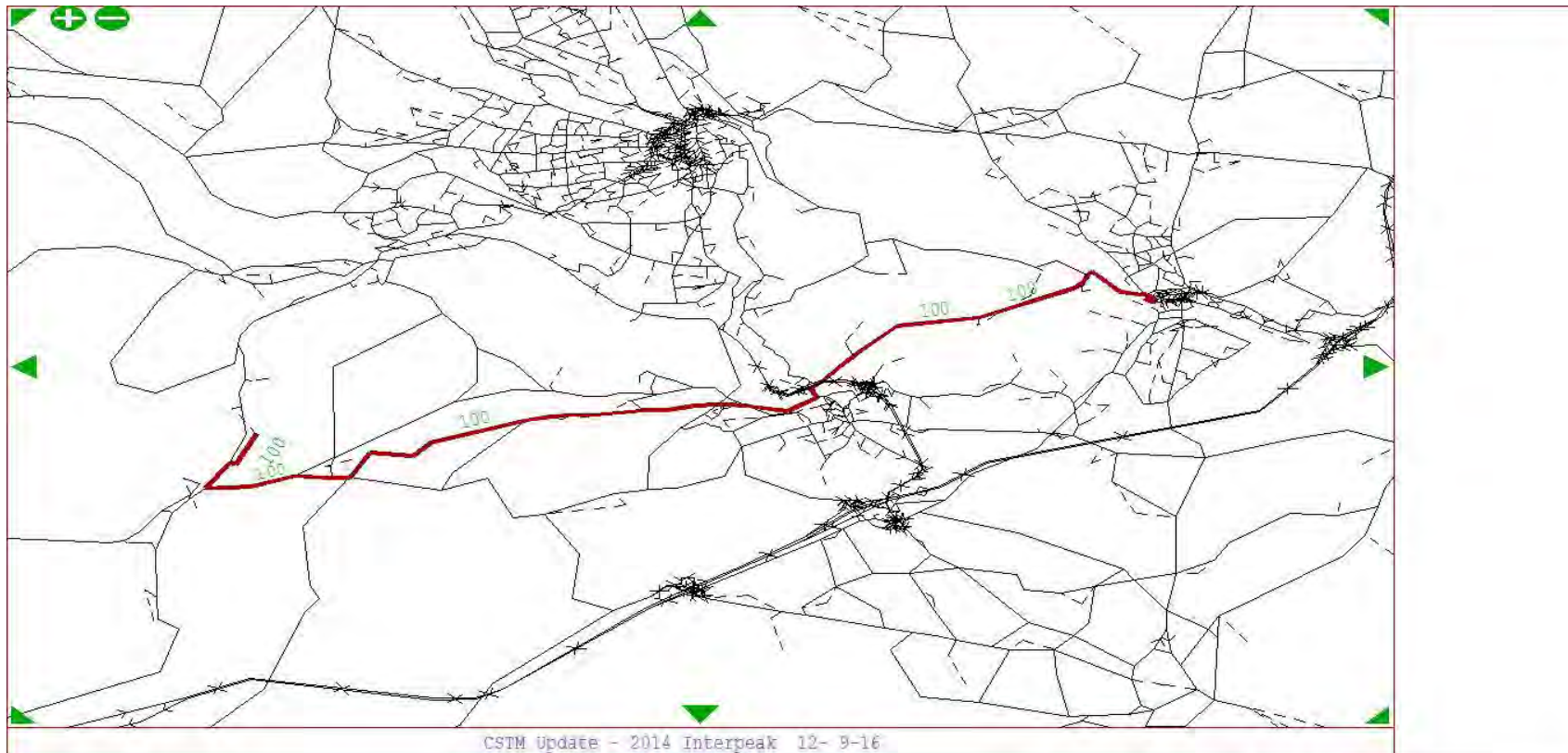


From Zone 214 To Zone 909 - User Class 6

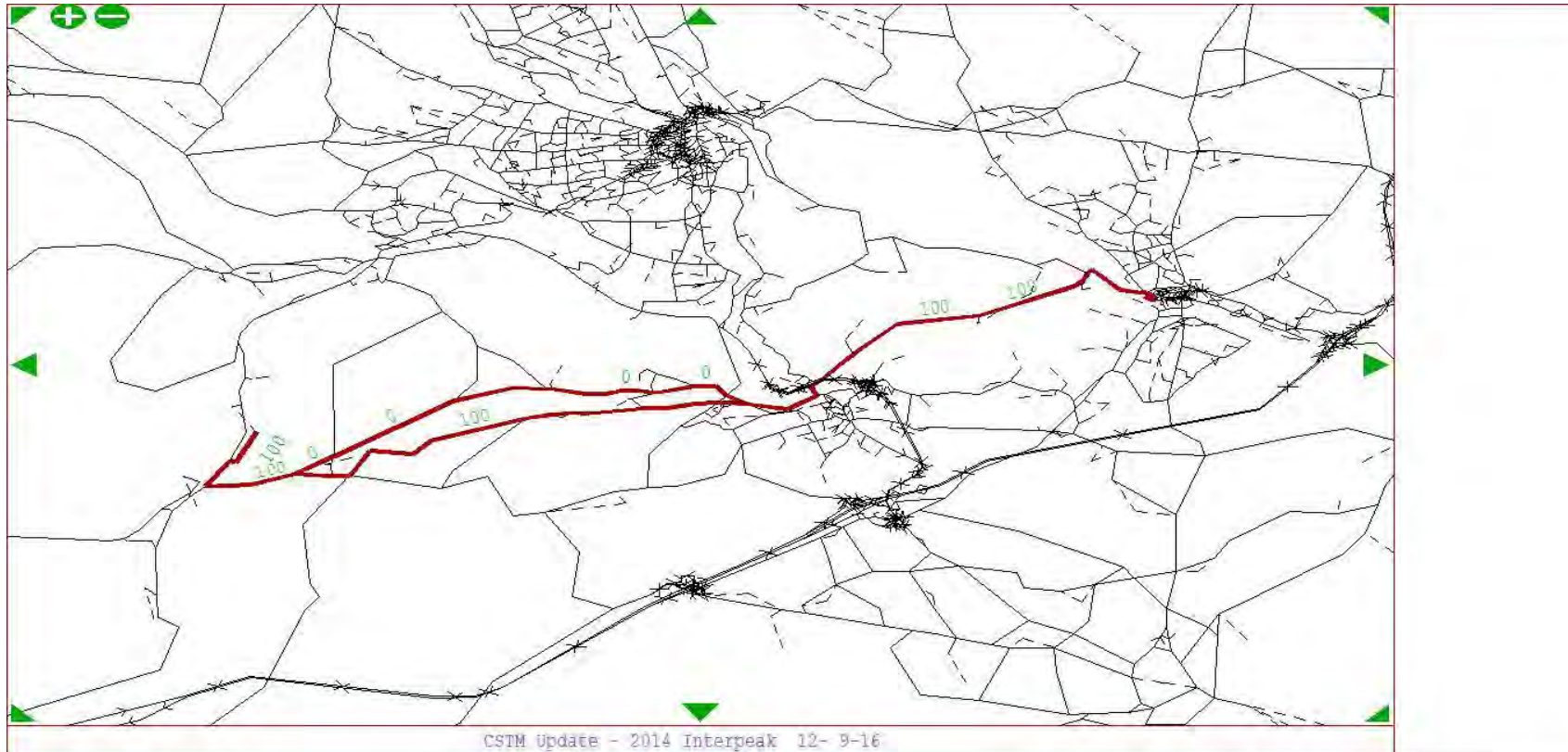


## Ripponden to Brighouse

From Zone 214 To Zone 162 - User Class 1

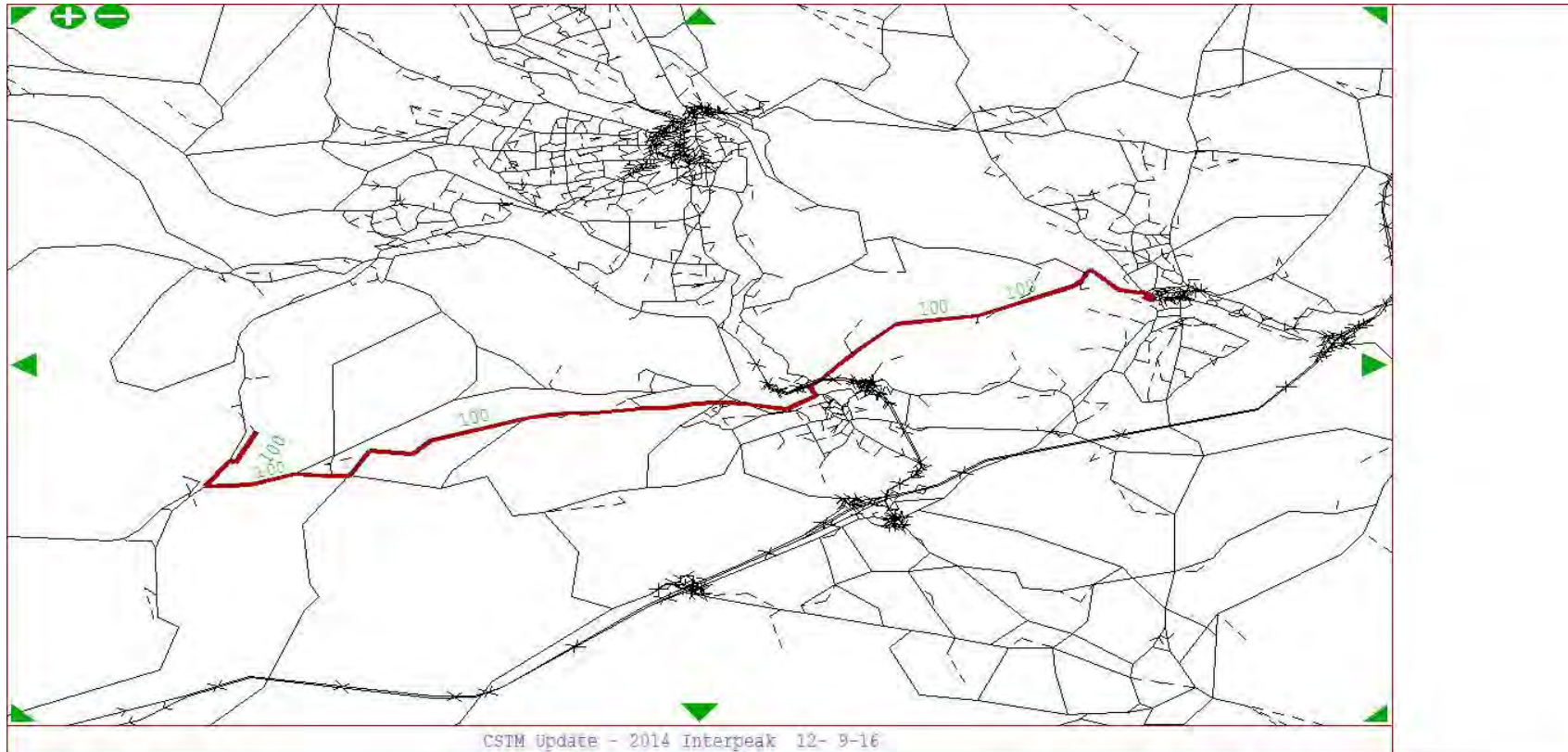


From Zone 214 To Zone 162 - User Class 2





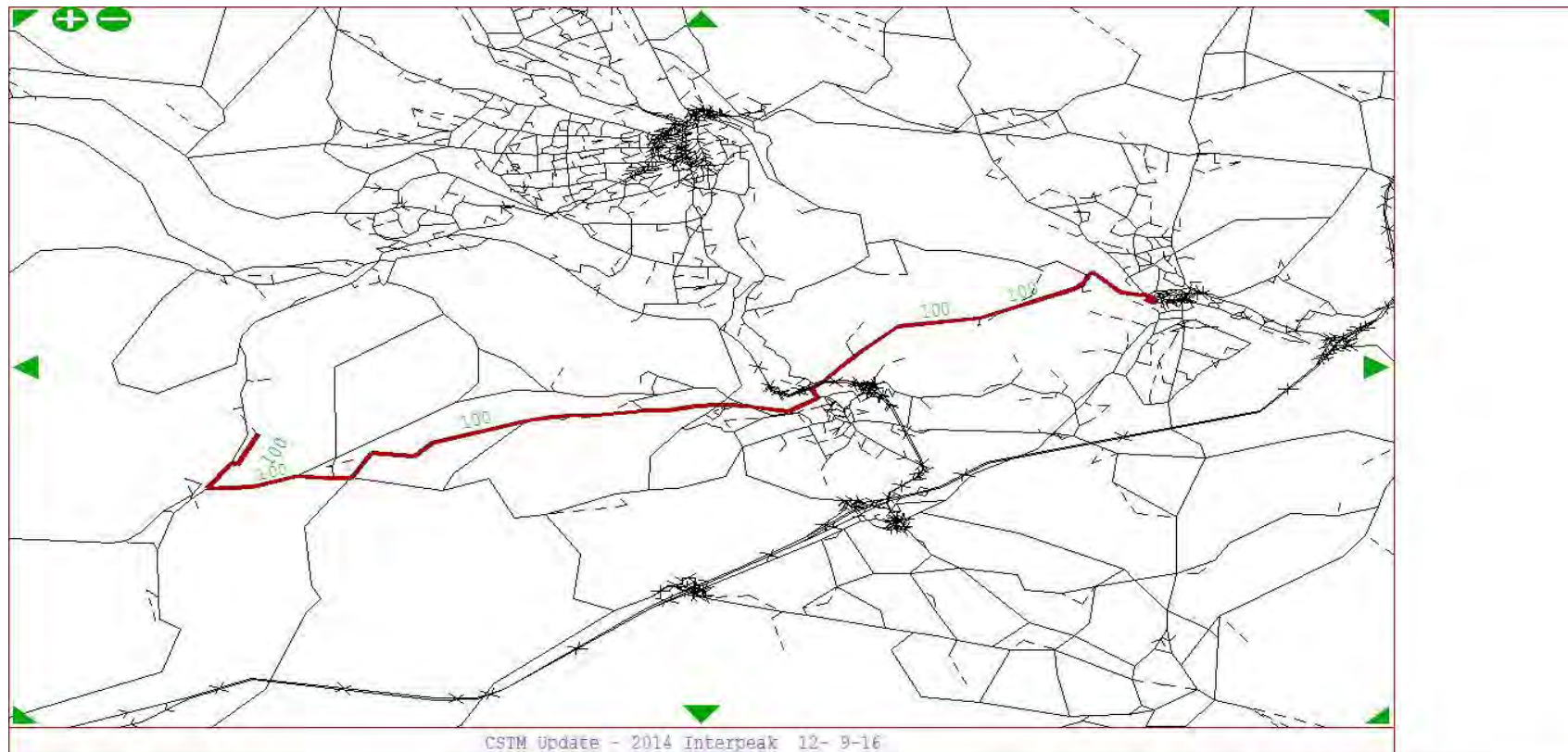
From Zone 214 To Zone 162 - User Class 3



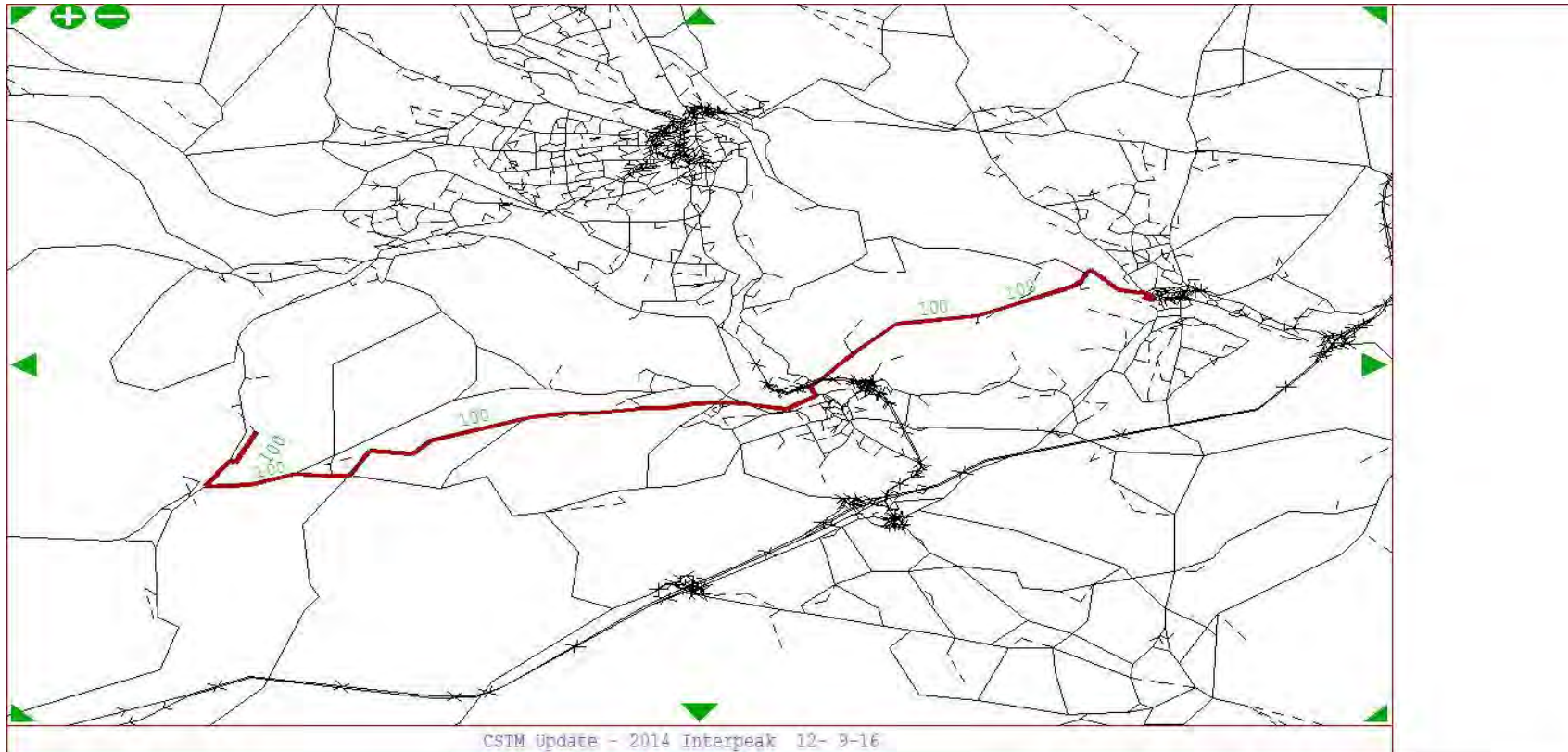


CSTM Update - 2014 Interpeak 12- 9-16

From Zone 214 To Zone 162 - User Class 5



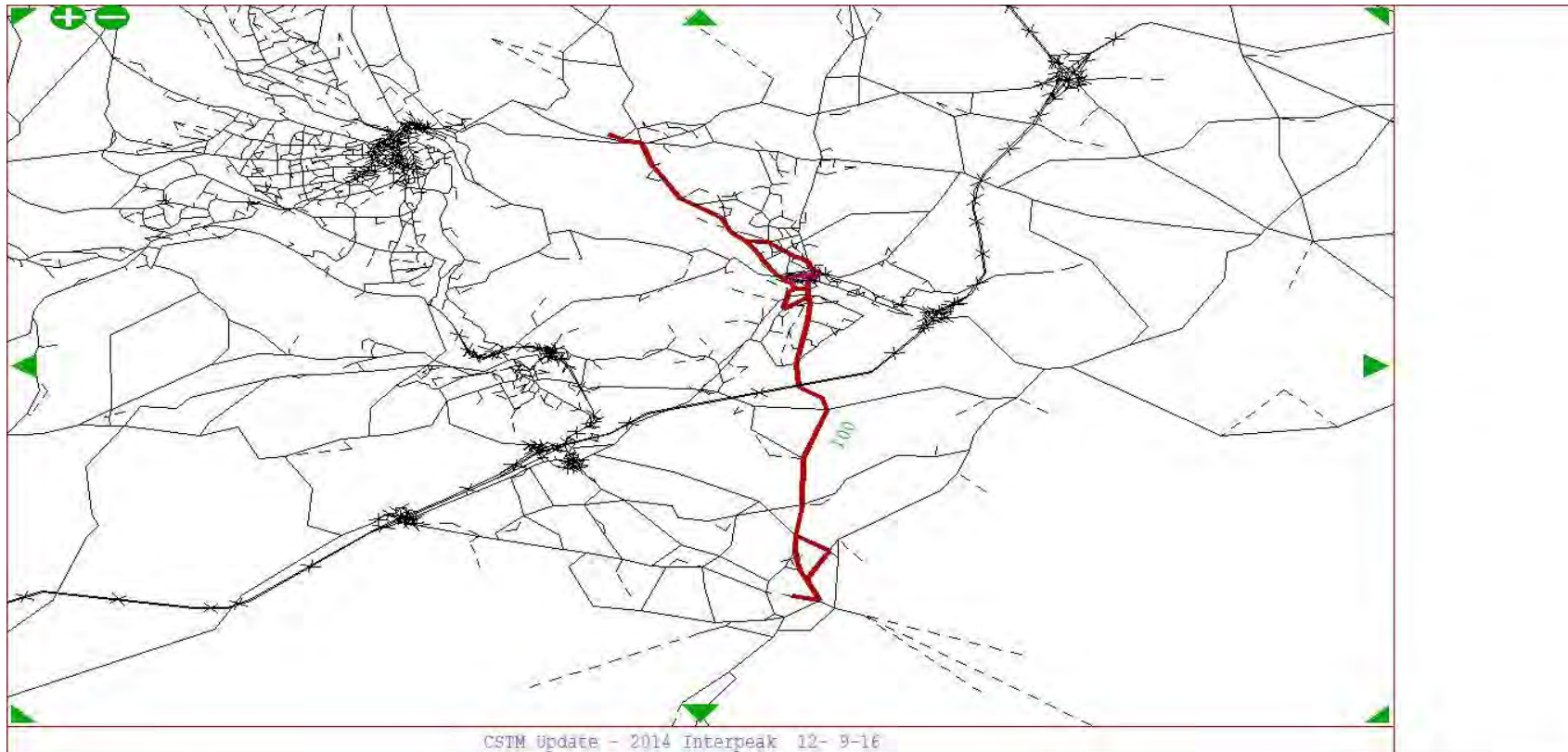
From Zone 214 To Zone 162 - User Class 6





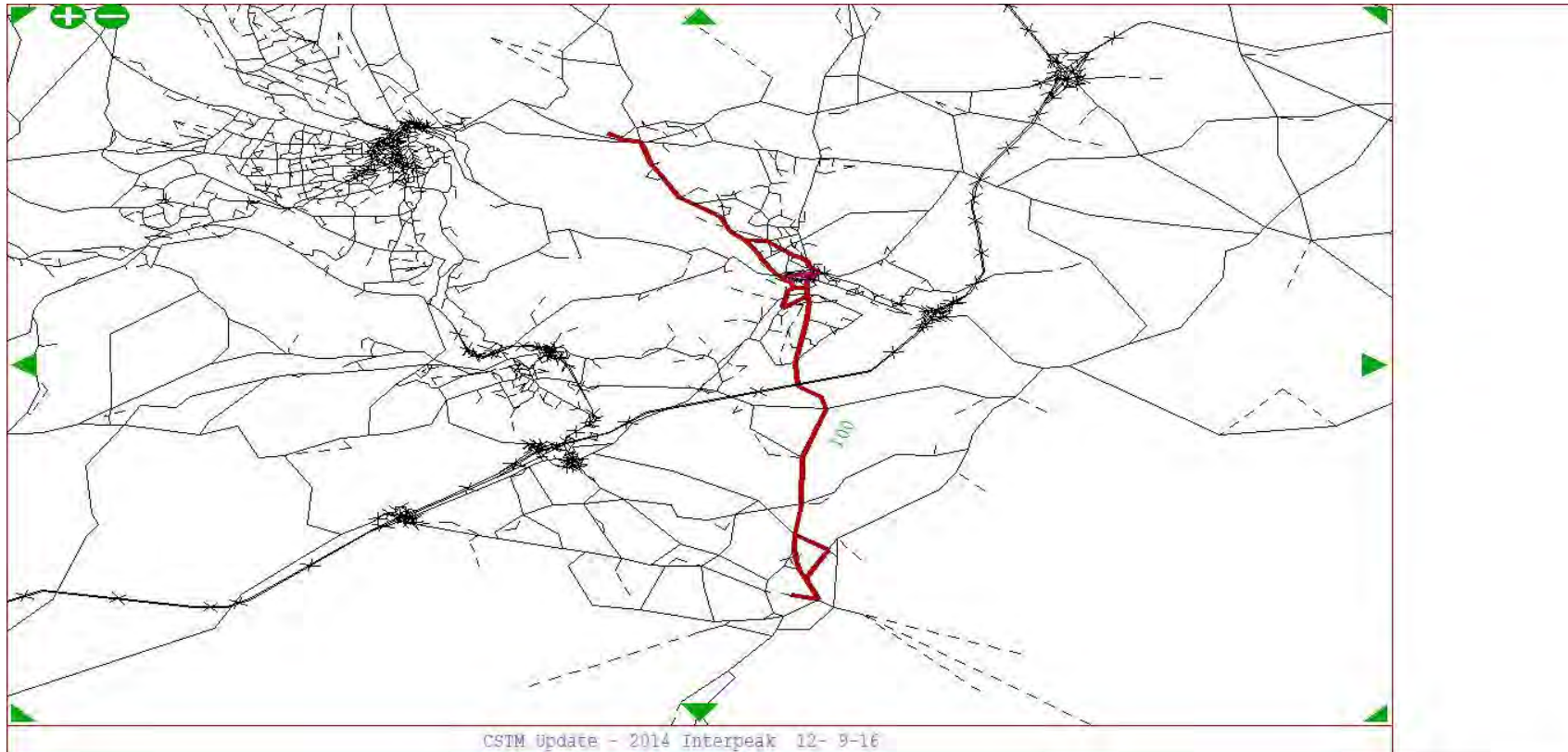
## Hipperholme to Huddersfield

From Zone 135 To Zone 909 - User Class 1

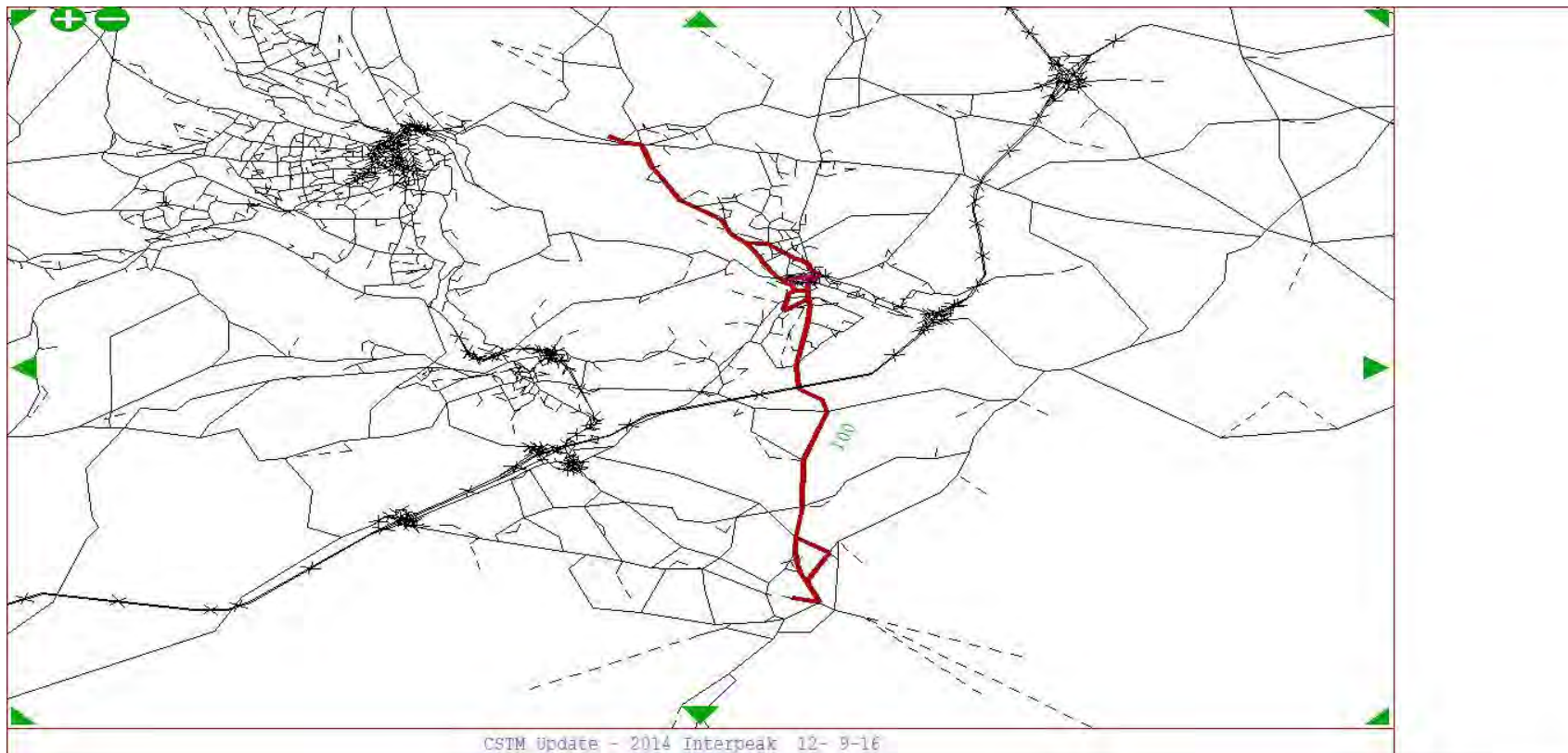




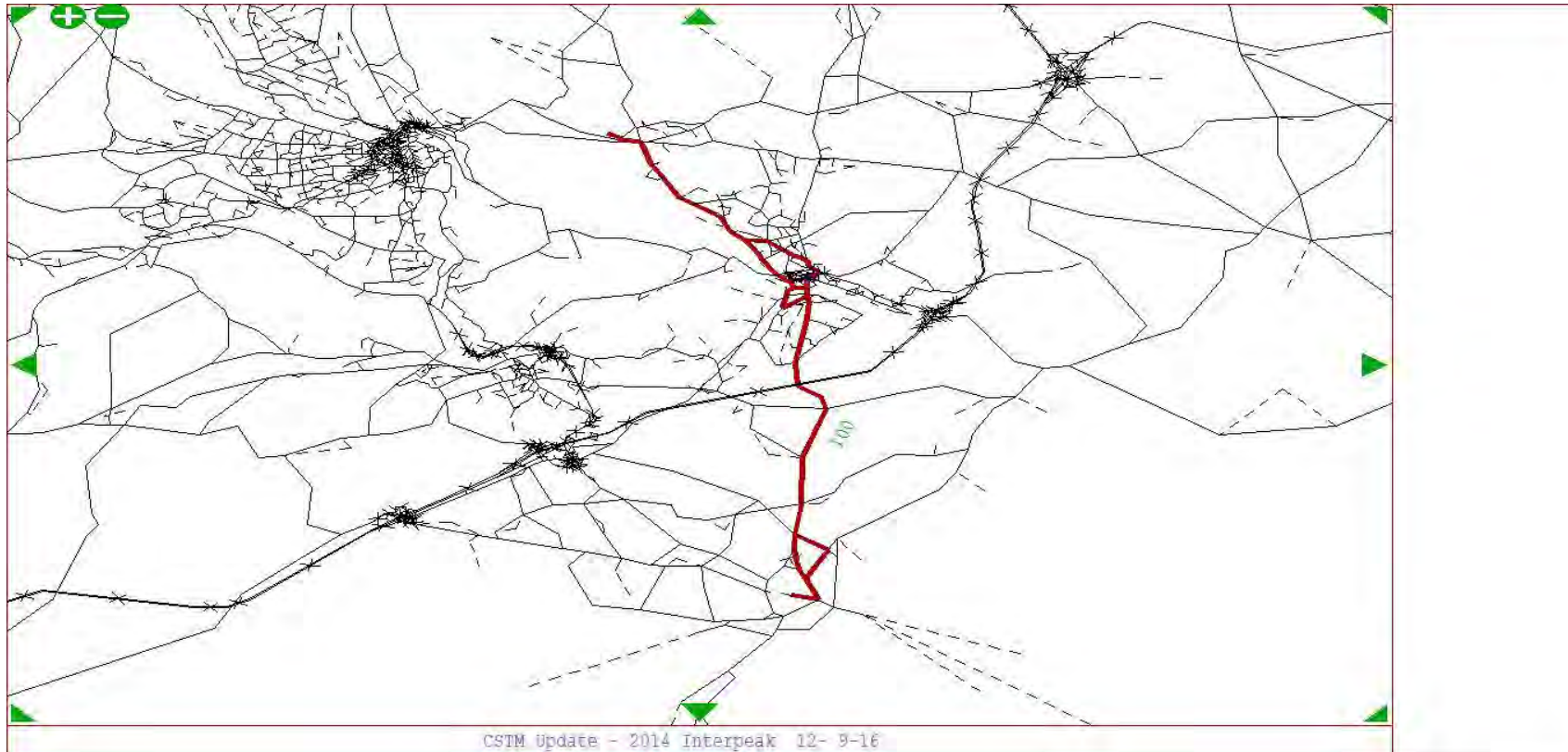
From Zone 135 To Zone 909 - User Class 2



From Zone 135 To Zone 909 - User Class 3

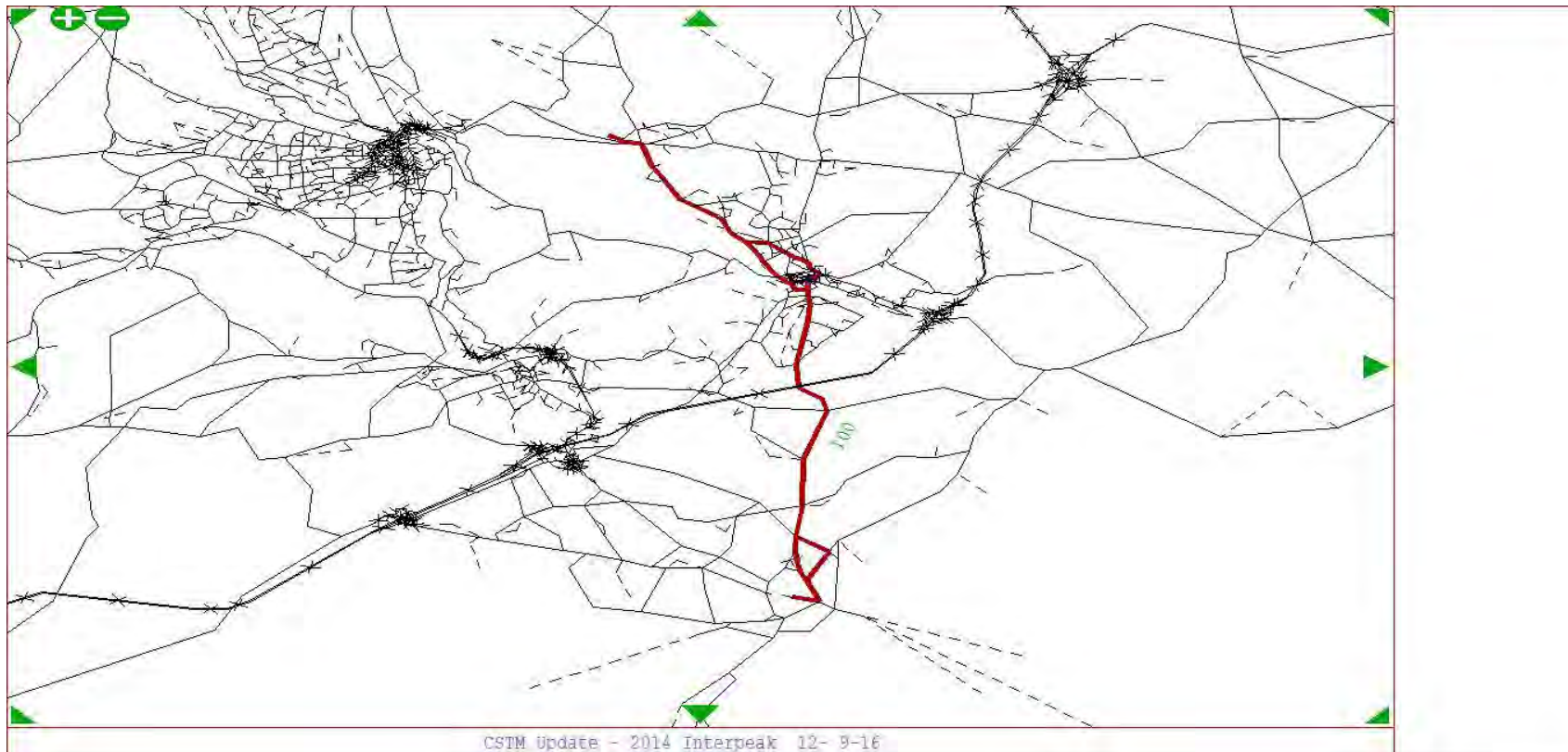


From Zone 135 To Zone 909 - User Class 4



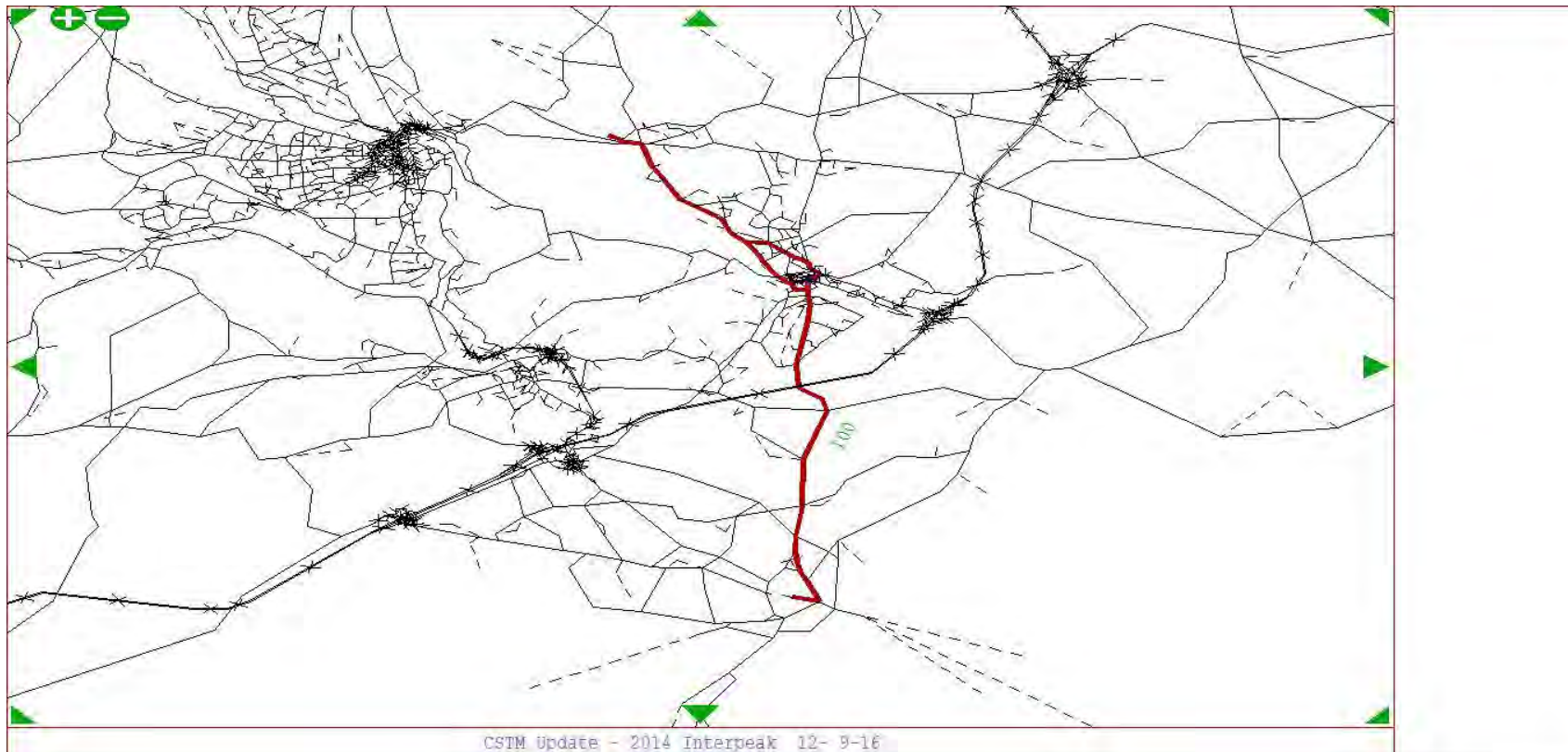


From Zone 135 To Zone 909 - User Class 5



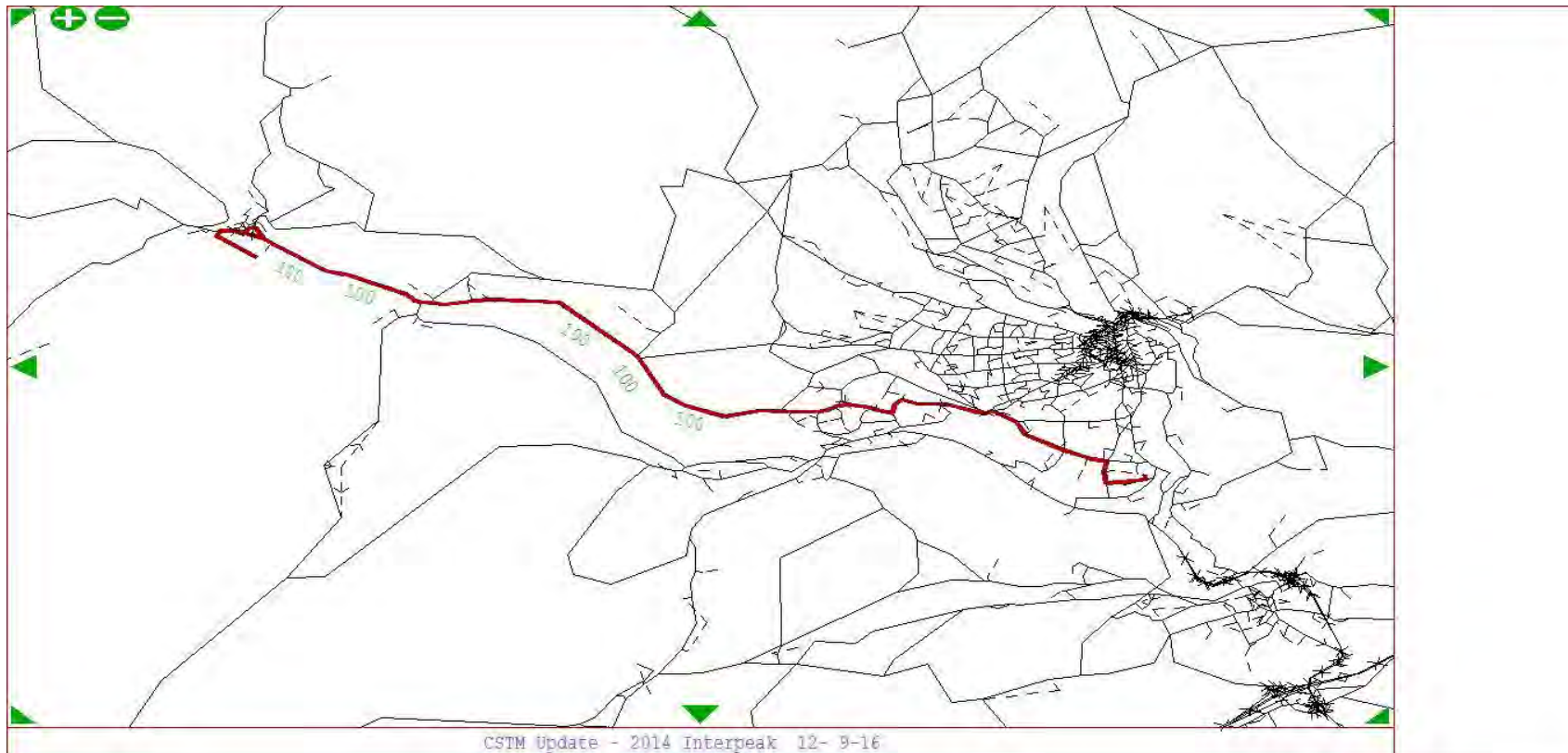


From Zone 135 To Zone 909 - User Class 6

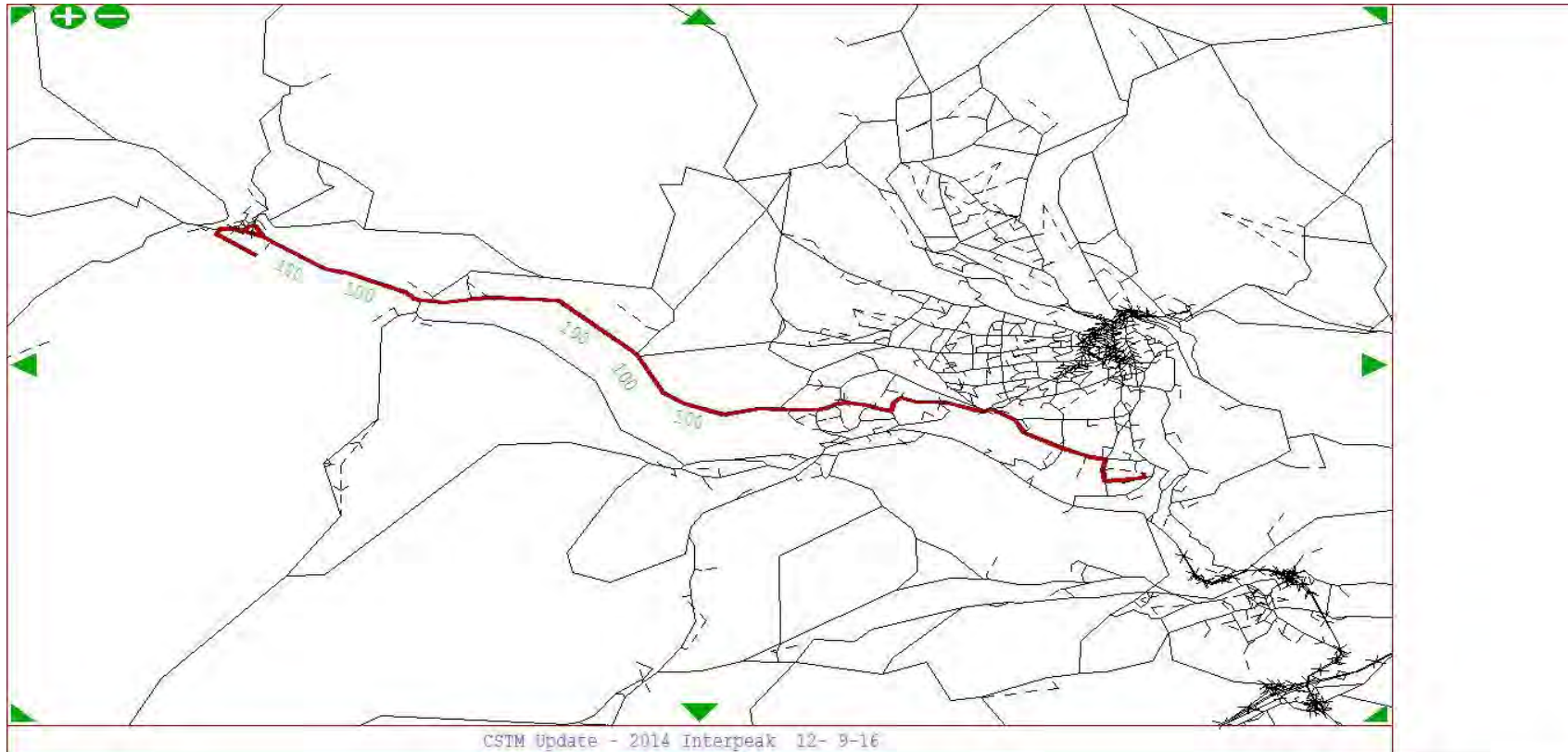


## Calder Royal Hospital to Hebden Bridge

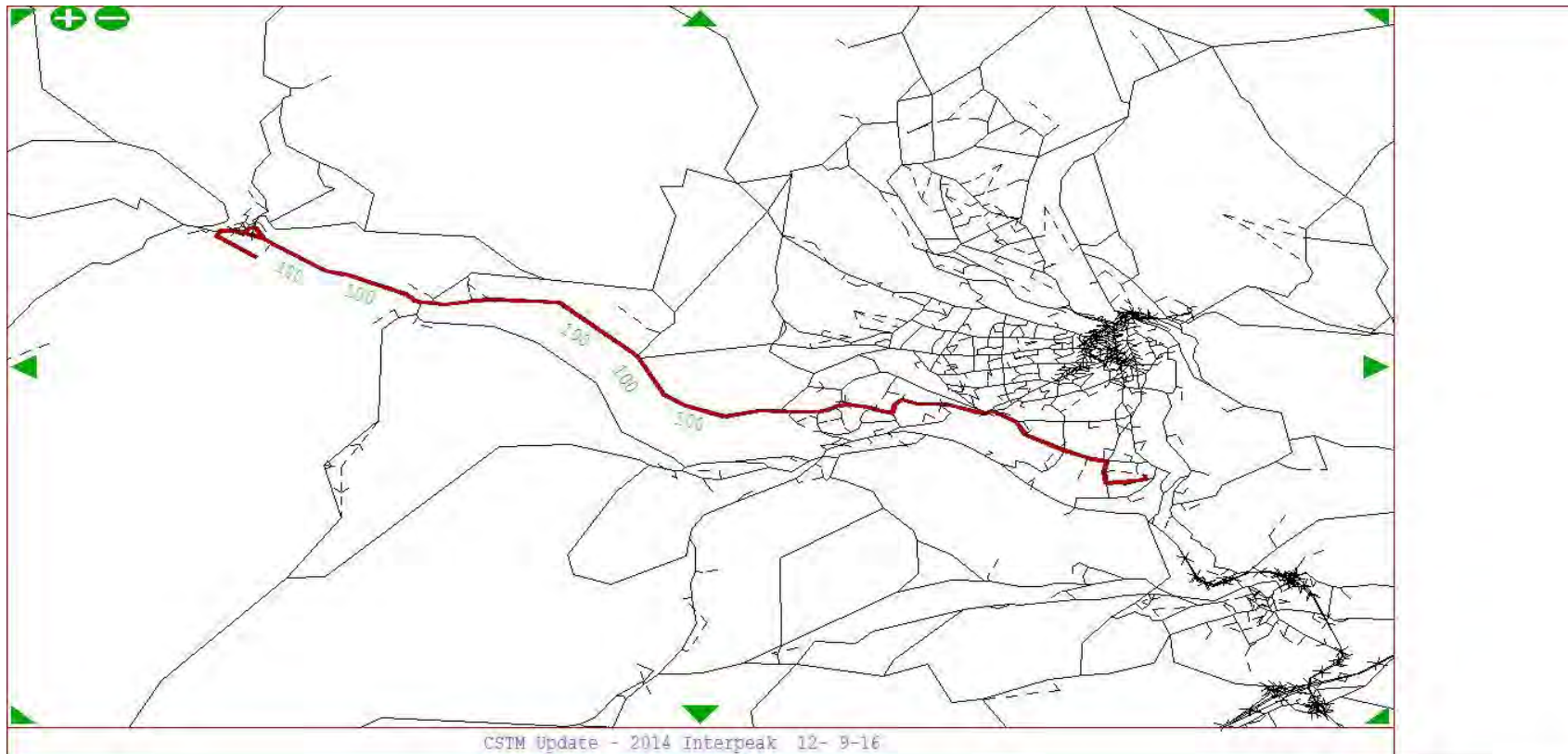
From Zone 836 To Zone 194 - User Class 1



From Zone 836 To Zone 194 - User Class 2

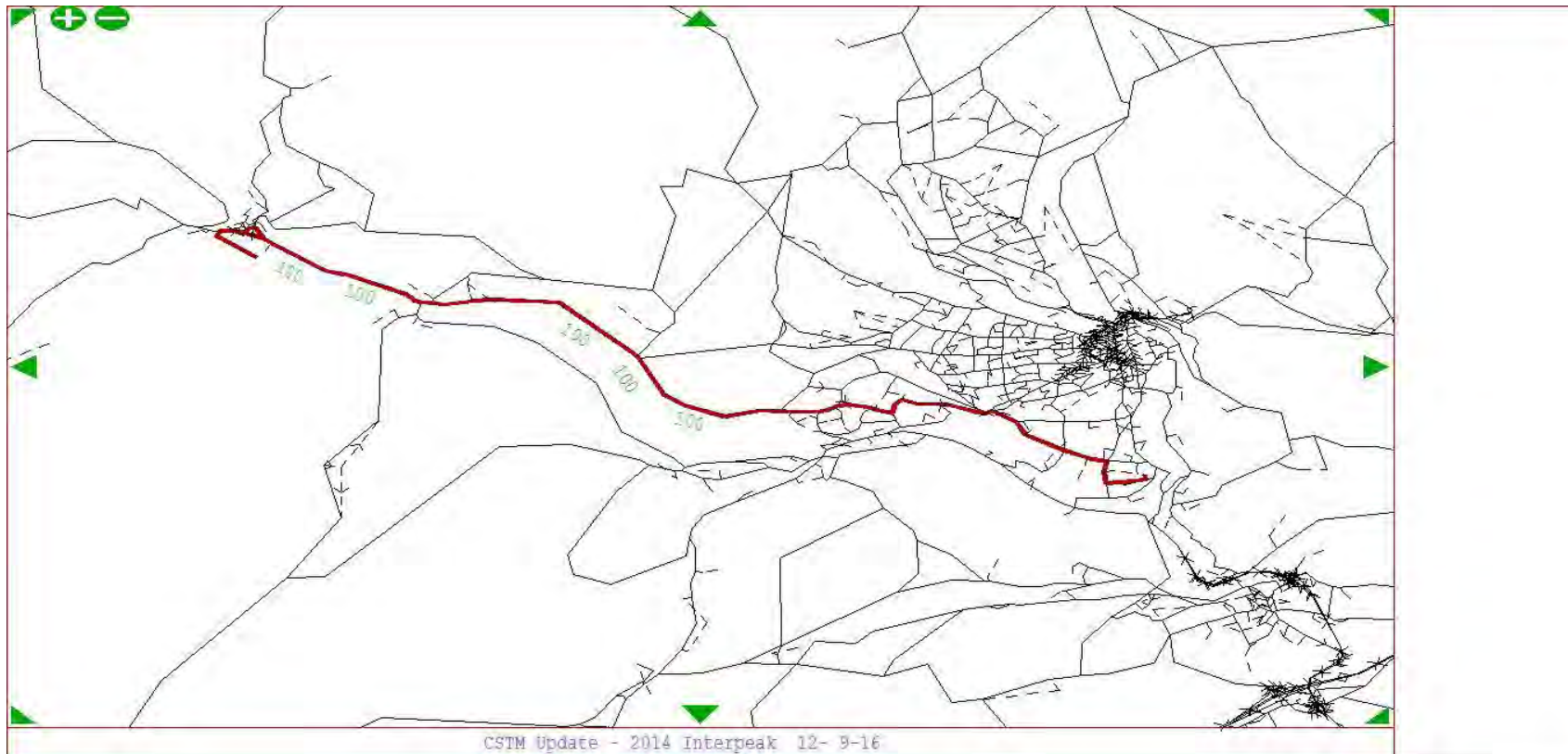


From Zone 836 To Zone 194 - User Class 3

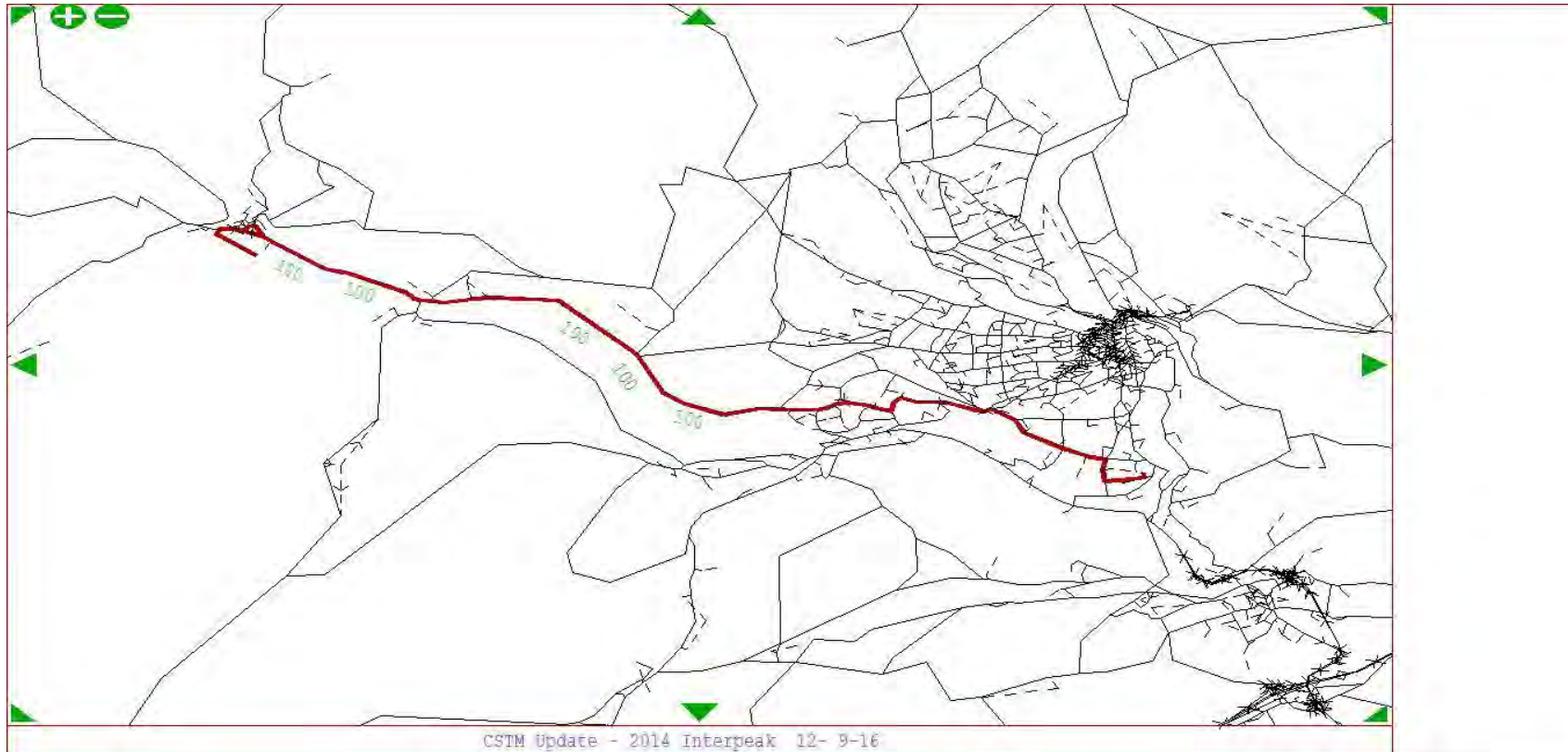




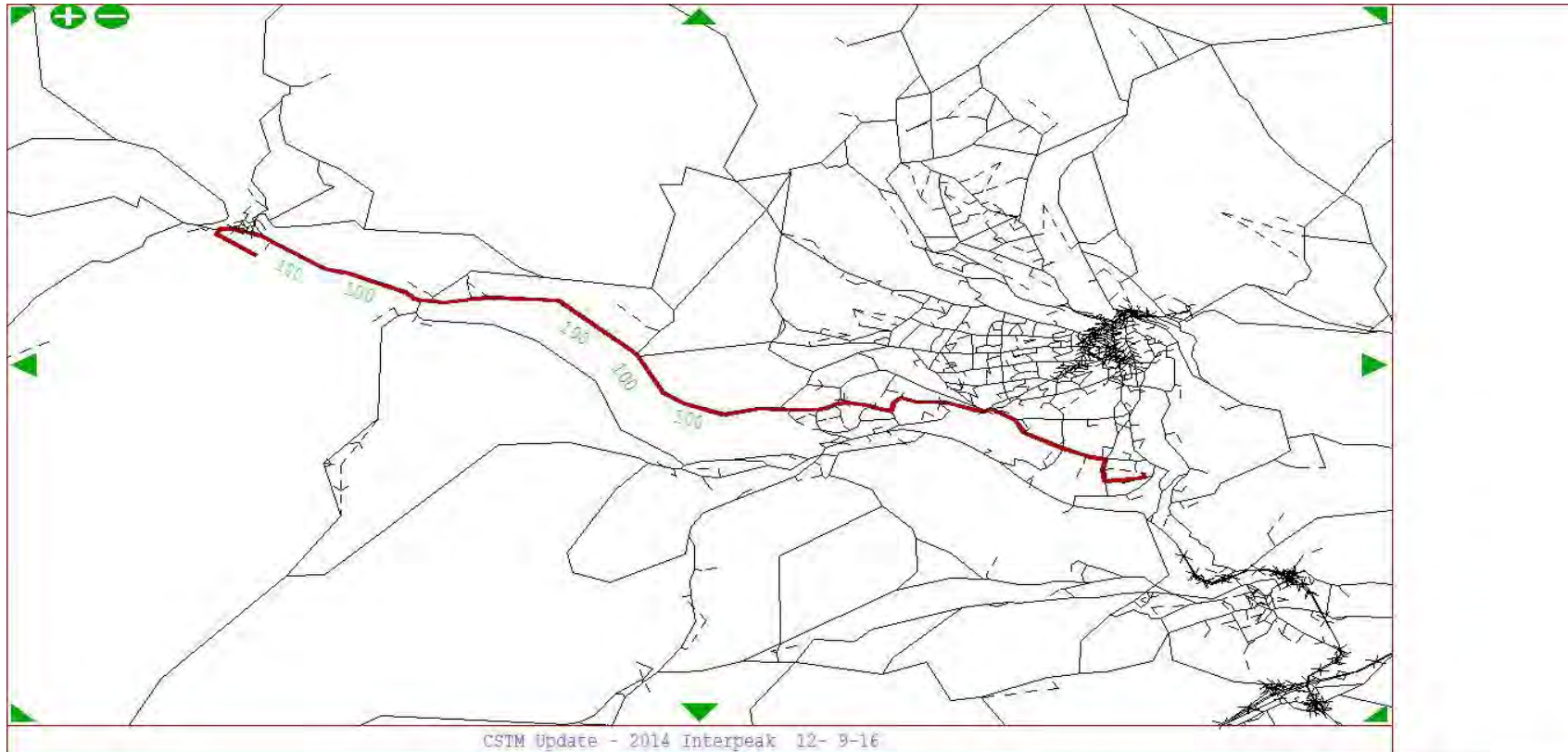
From Zone 836 To Zone 194 - User Class 4



From Zone 836 To Zone 194 - User Class 5

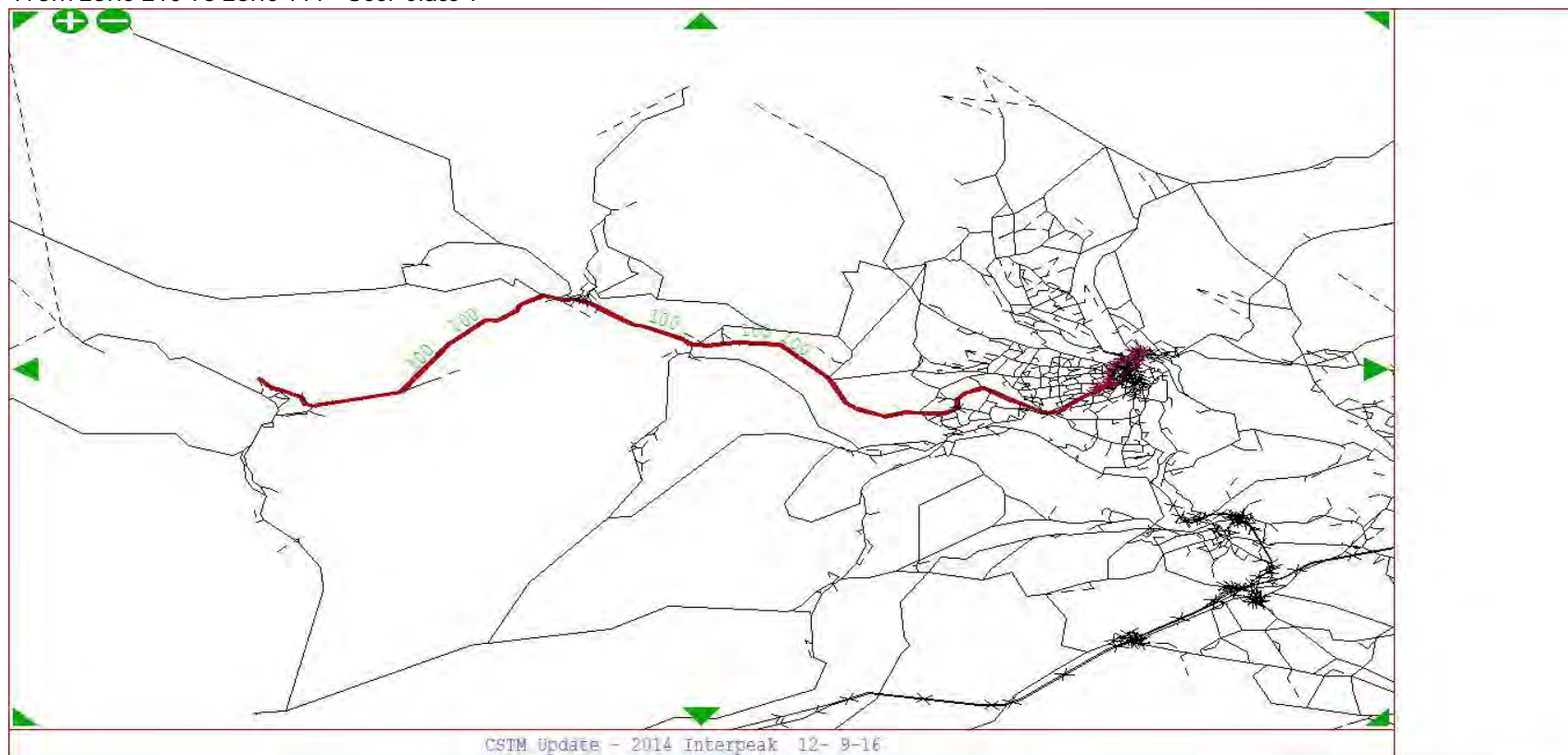


From Zone 836 To Zone 194 - User Class 6



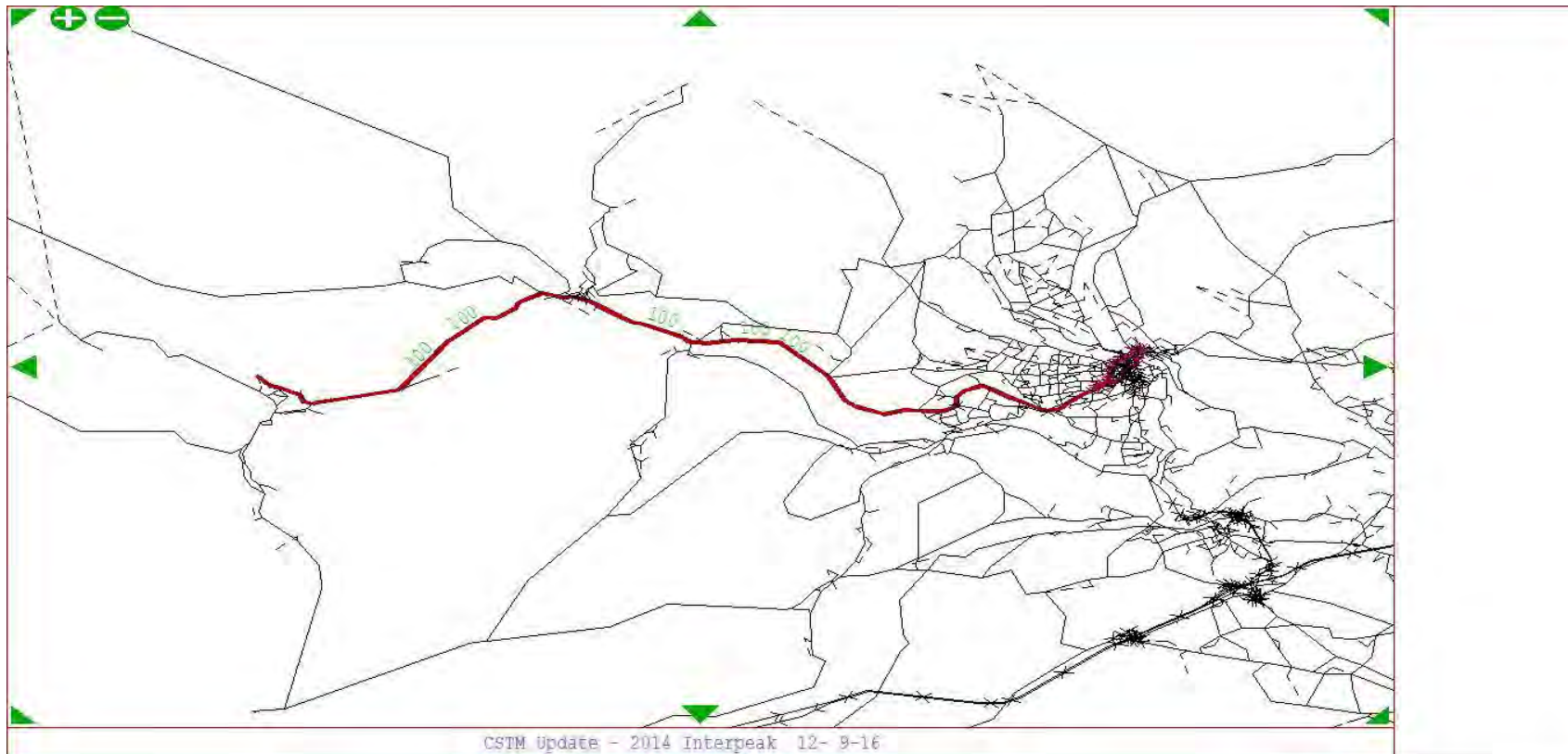
# Todmorden to Halifax Town Centre

From Zone 210 To Zone 111 - User Class 1

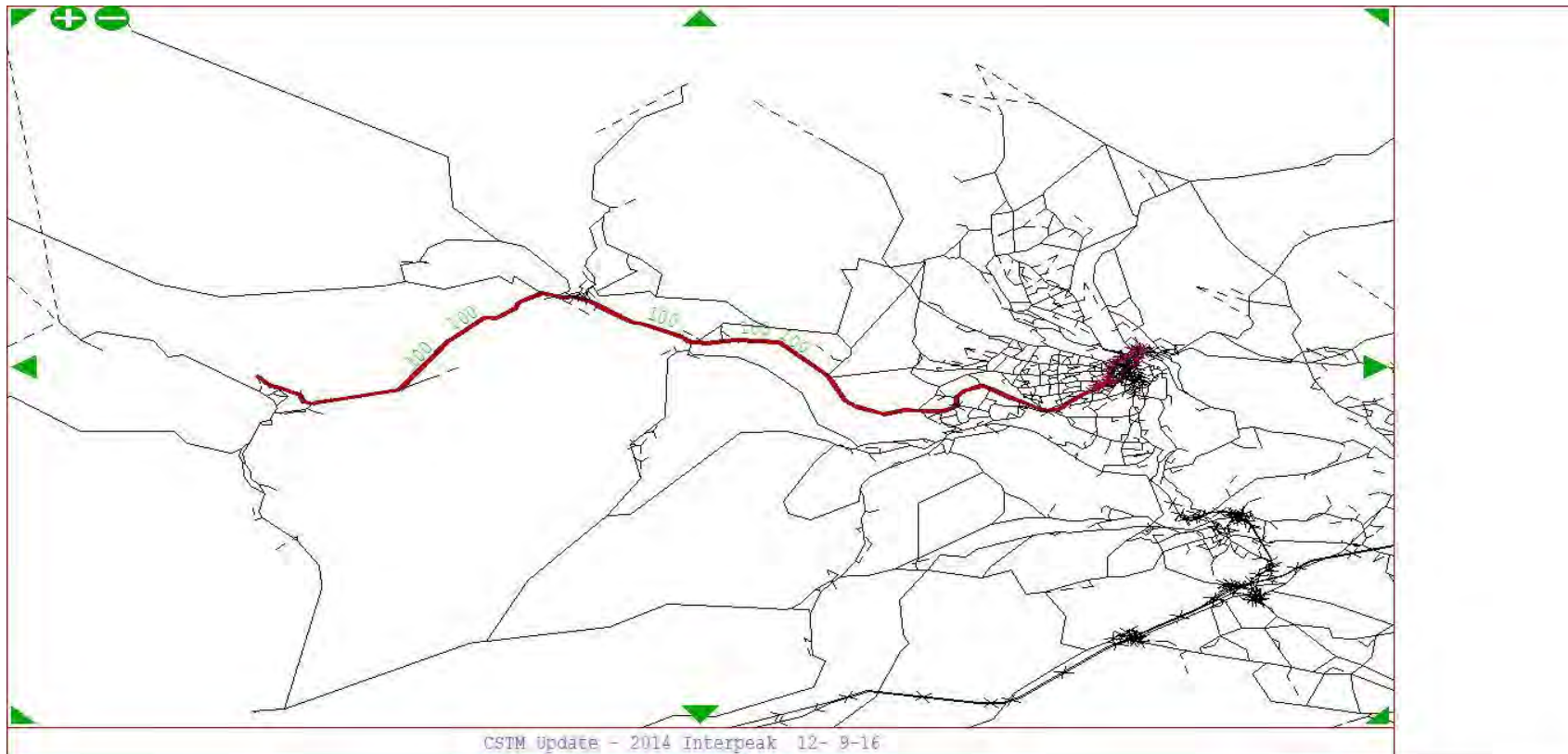




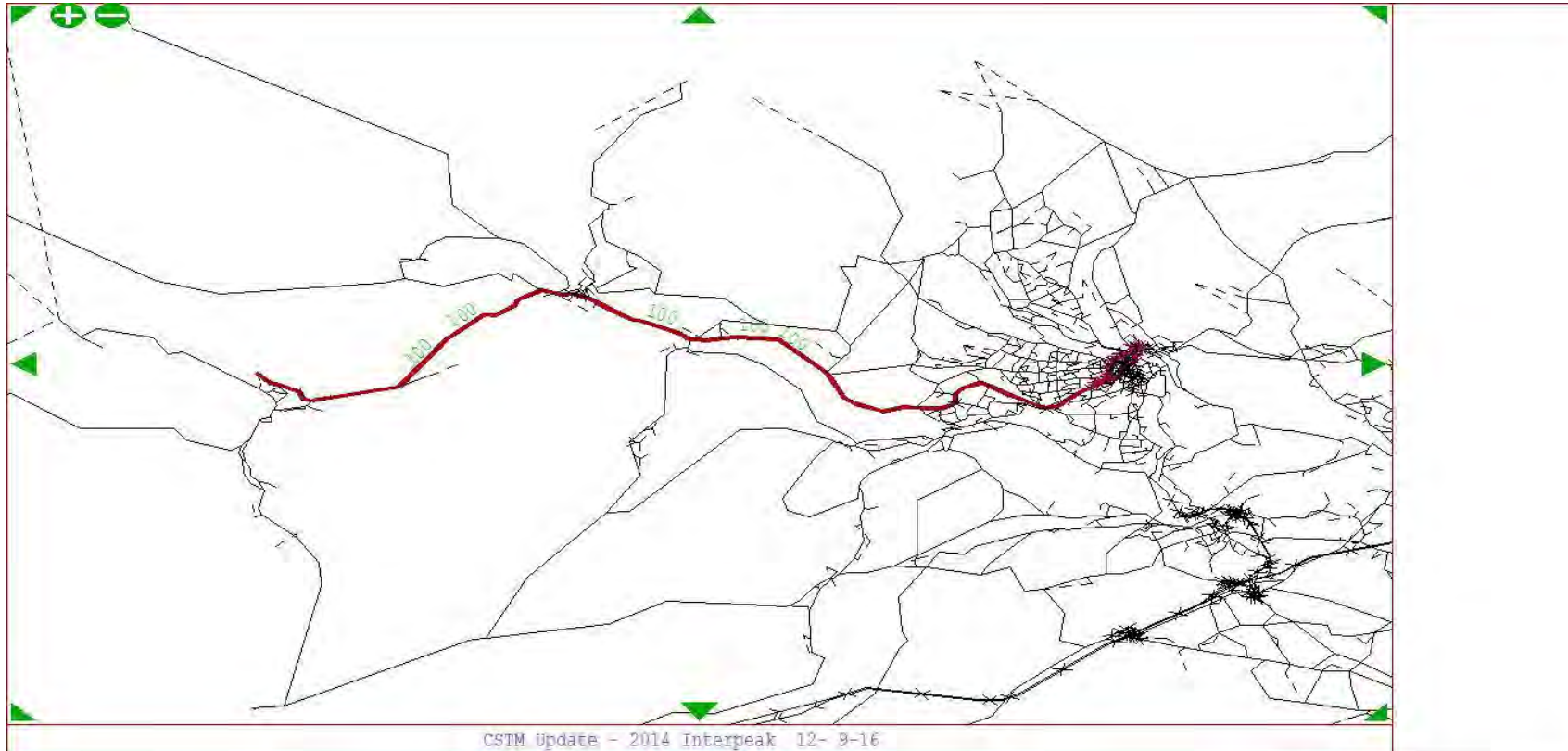
From Zone 210 To Zone 111 - User Class 2



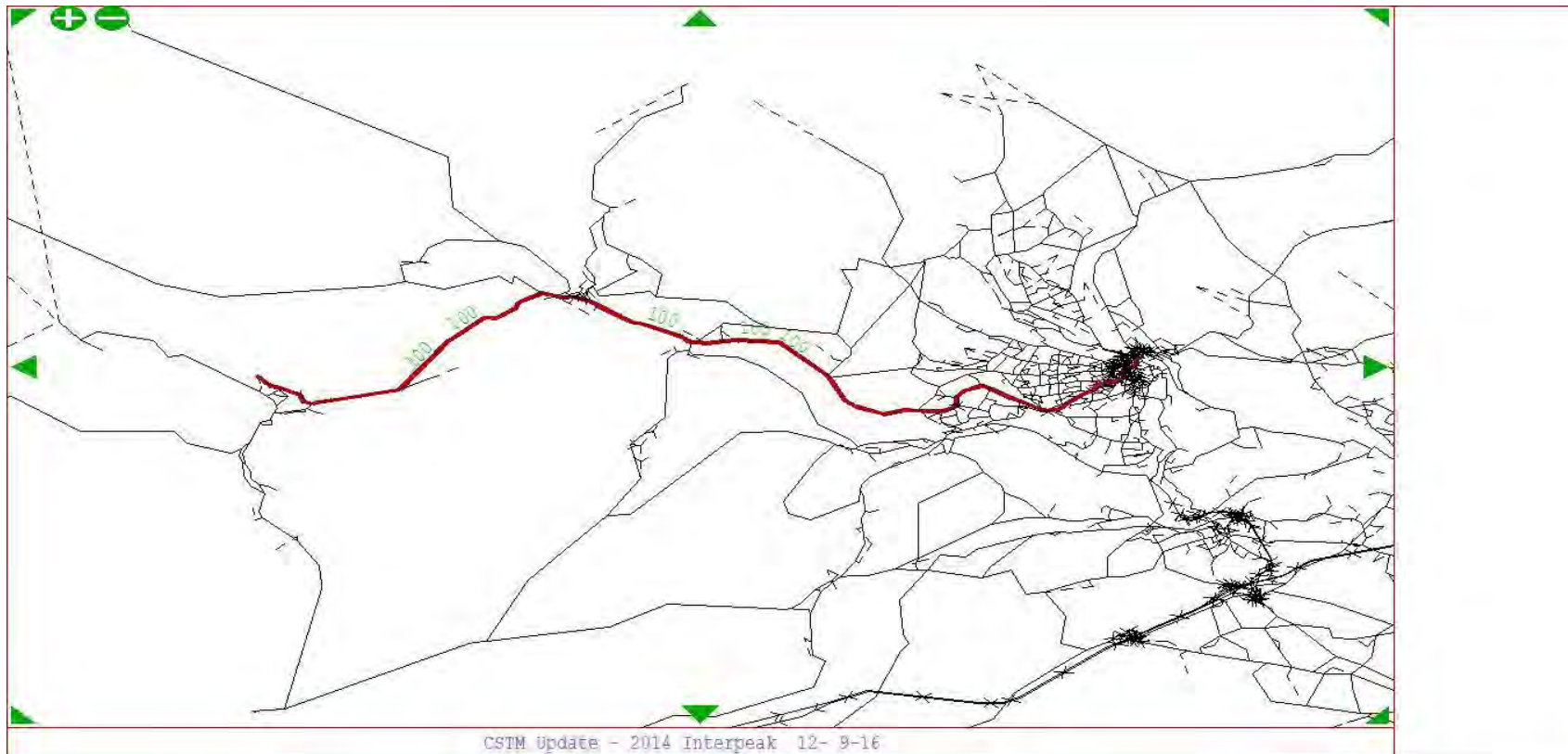
From Zone 210 To Zone 111 - User Class 3



From Zone 210 To Zone 111 - User Class 4

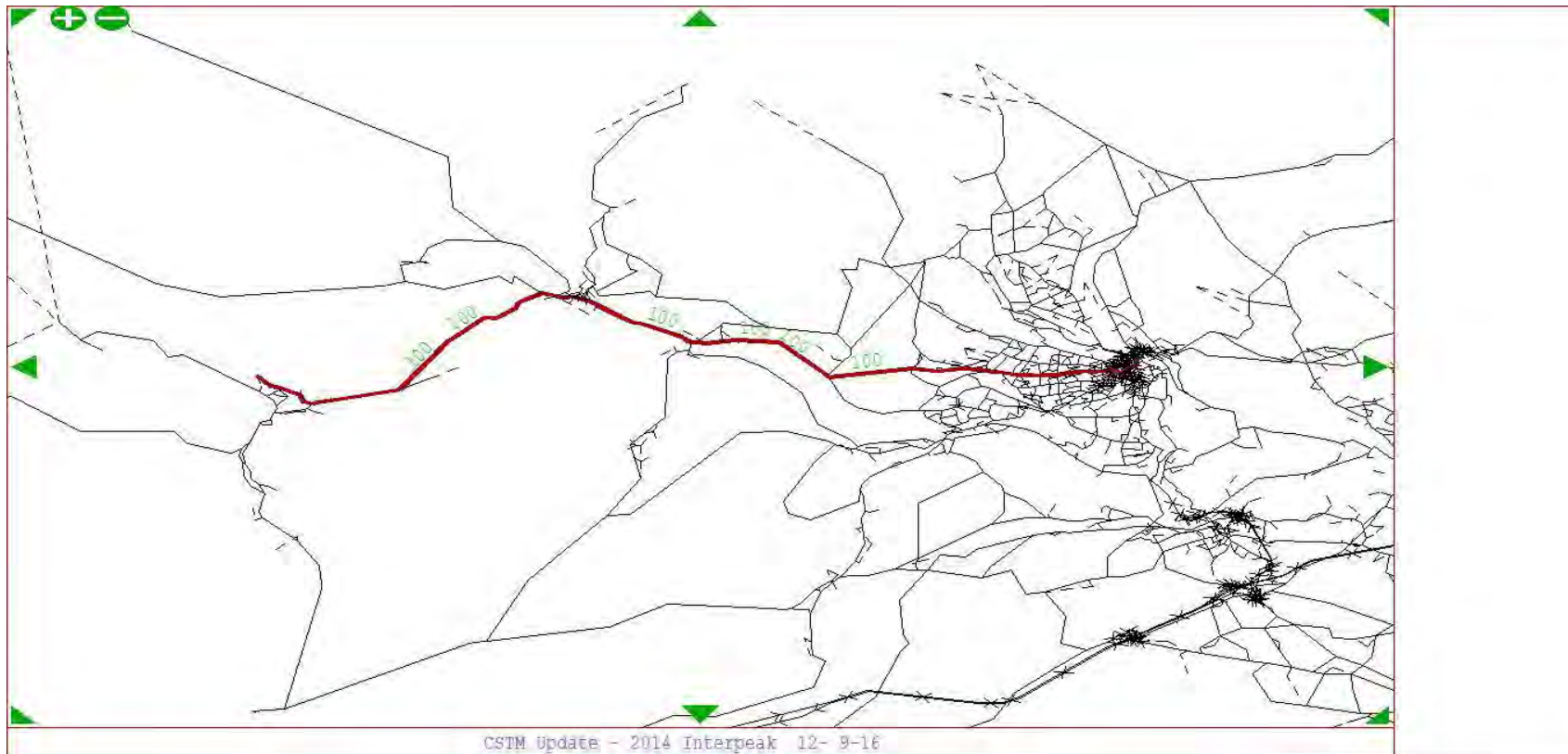


From Zone 210 To Zone 111 - User Class 5



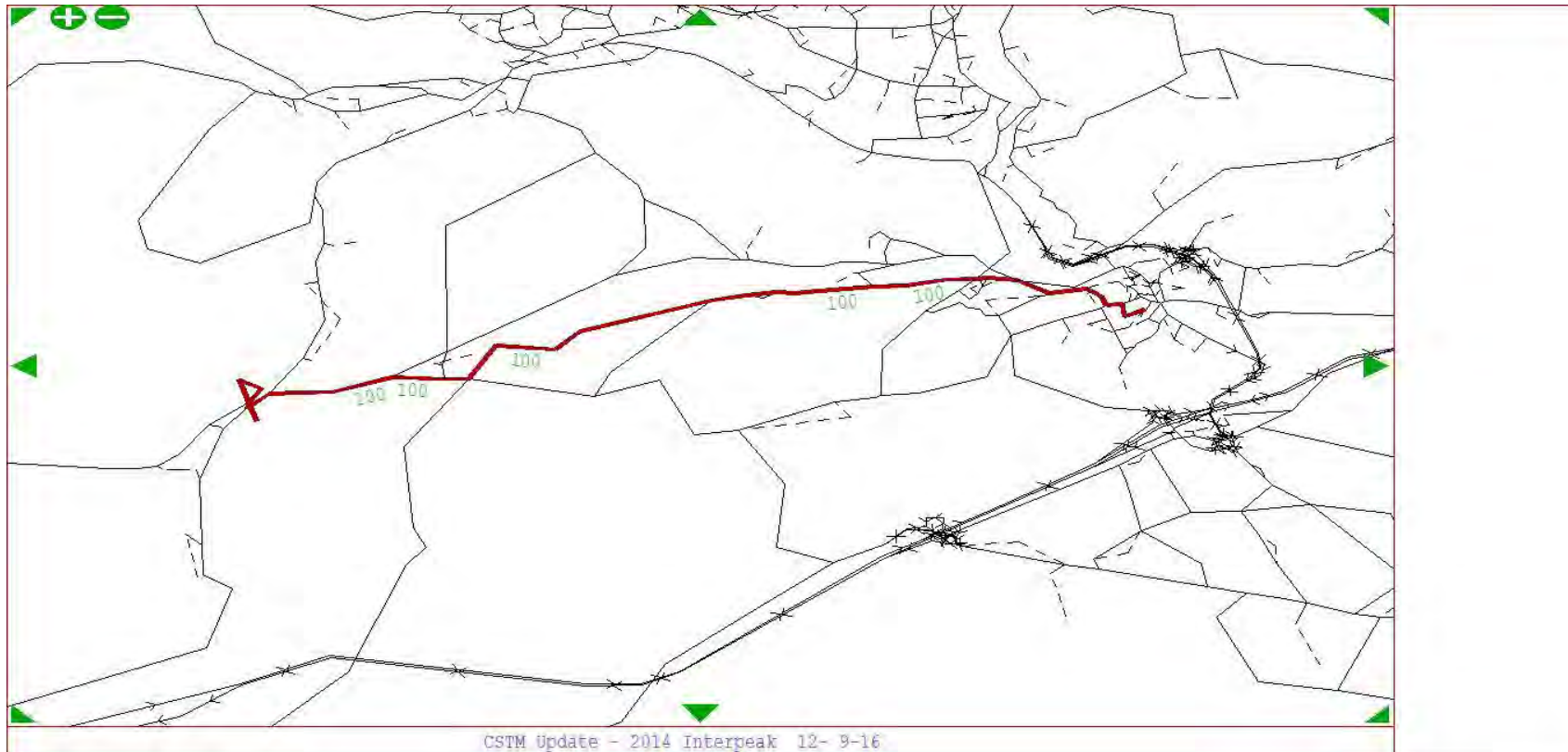


From Zone 210 To Zone 111 - User Class 6

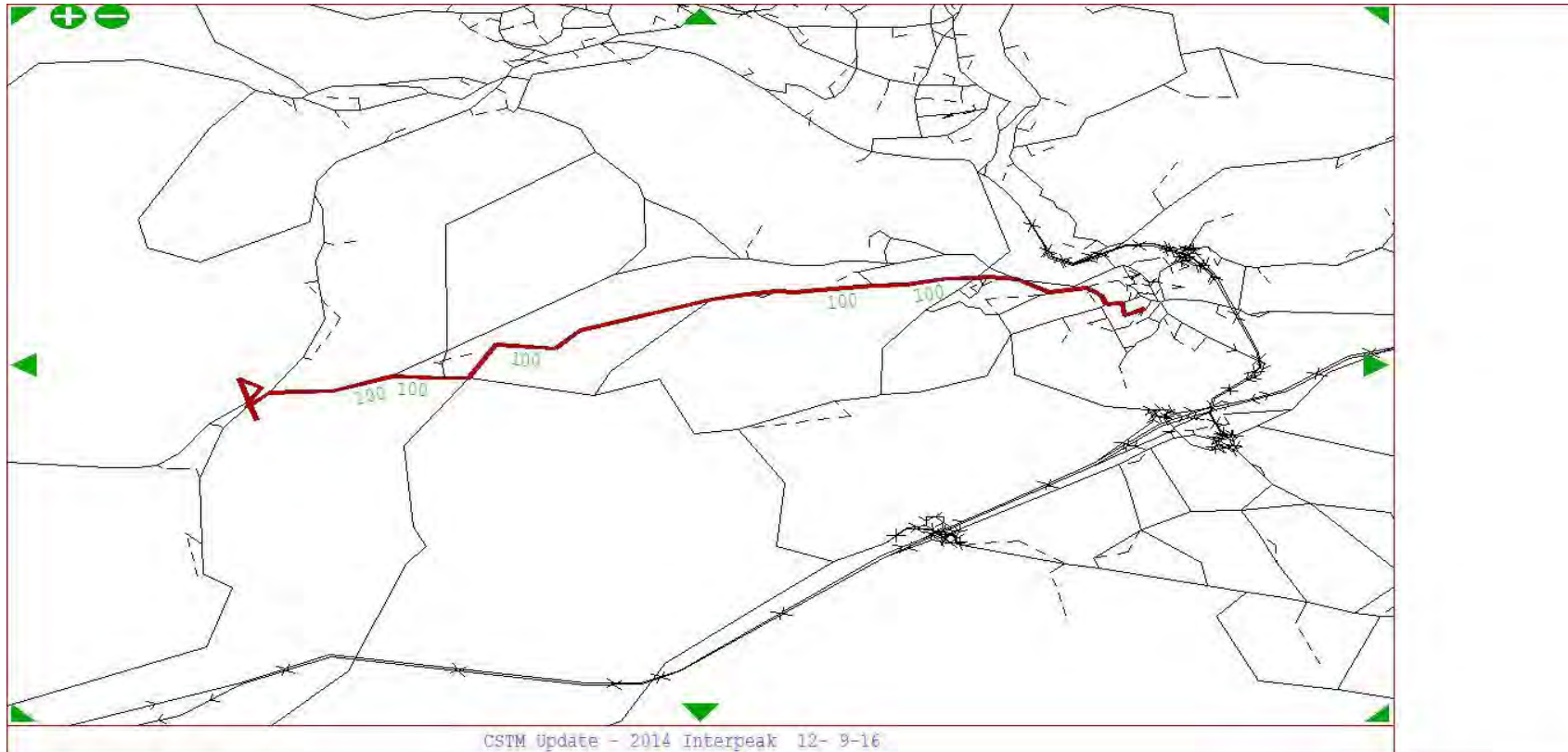


# Elland to Ripponden

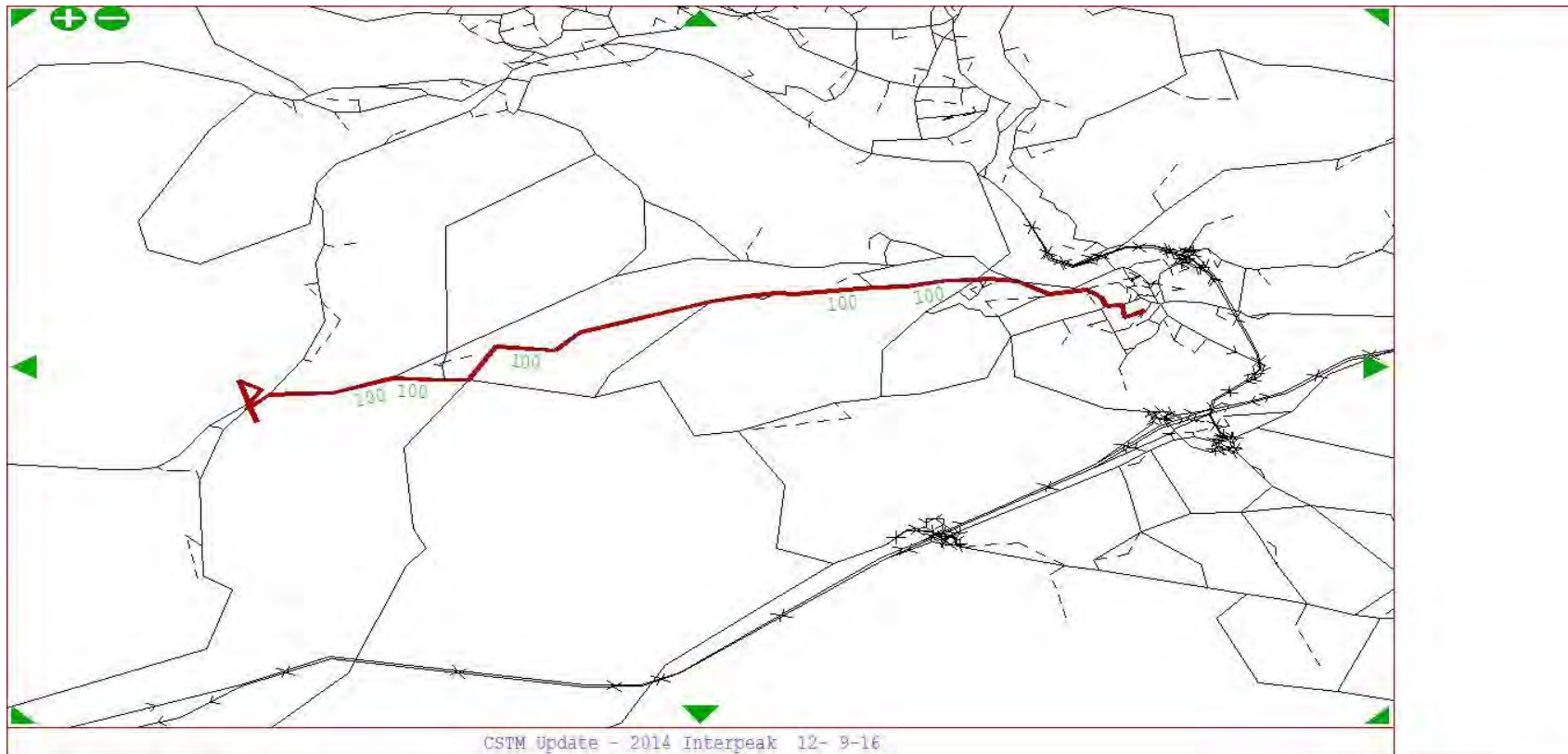
From Zone 188 To Zone 237 - User Class 1



From Zone 188 To Zone 237 - User Class 2

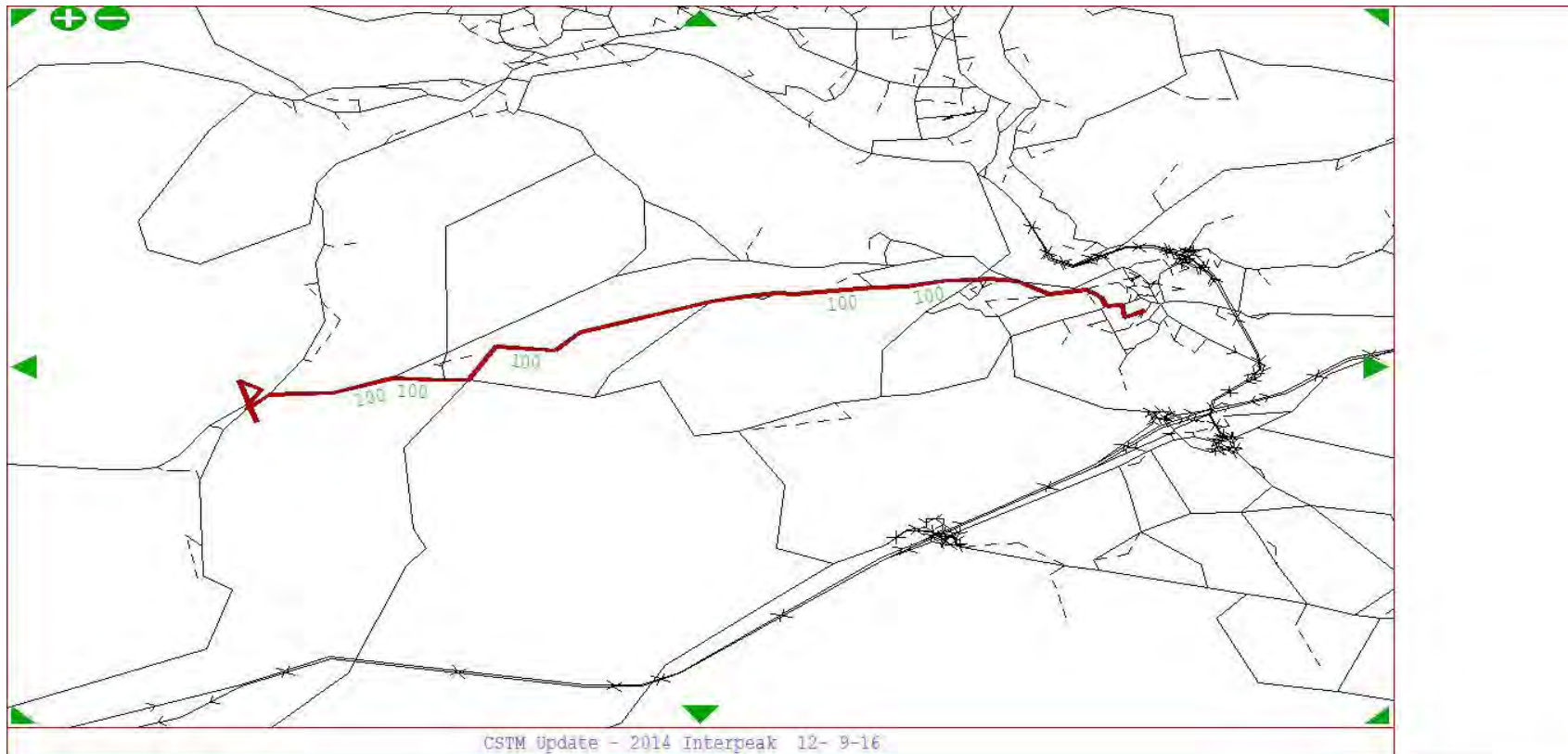


From Zone 188 To Zone 237 - User Class 3

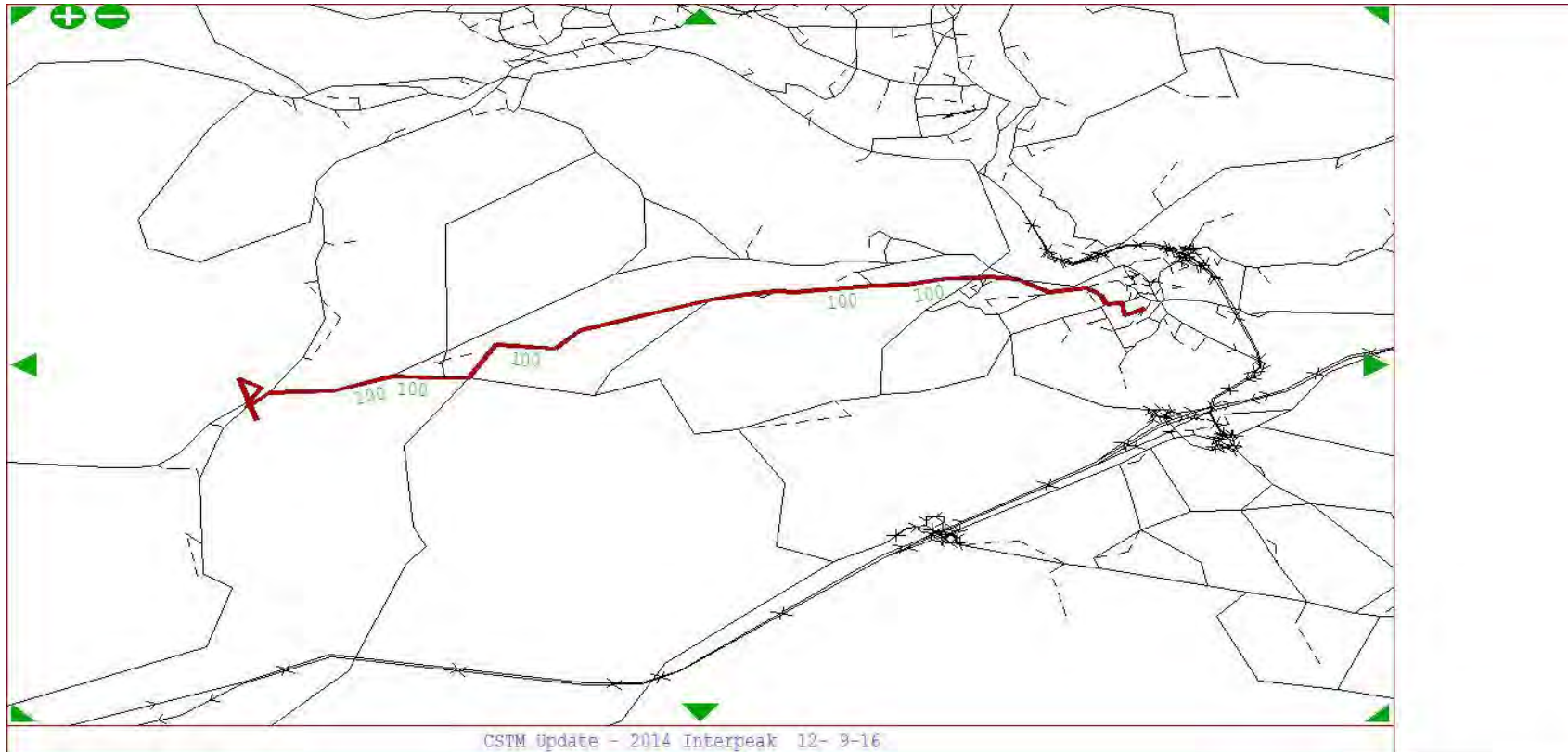




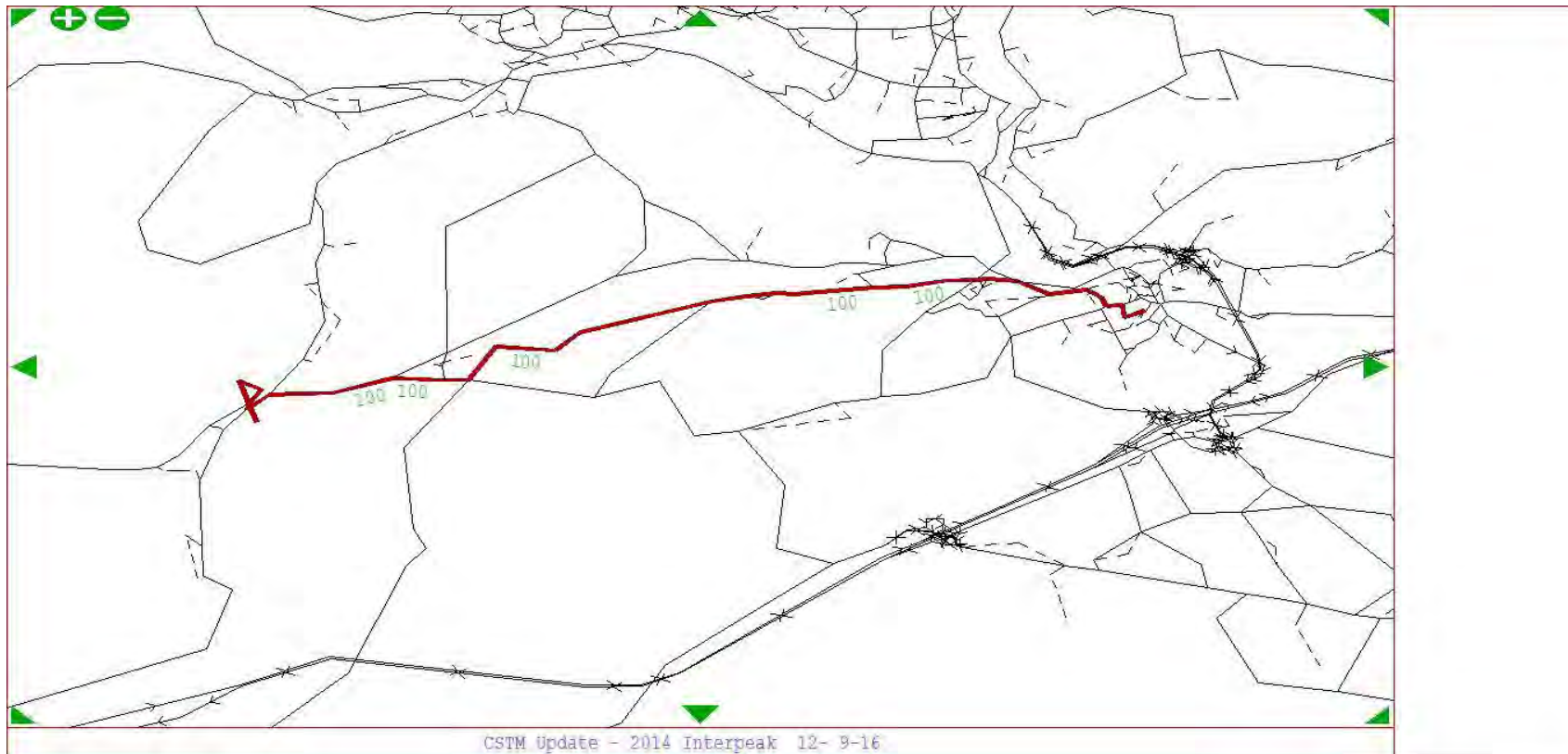
From Zone 188 To Zone 237 - User Class 4



From Zone 188 To Zone 237 - User Class 5



From Zone 188 To Zone 237 - User Class 6



## APPENDIX G-3

### **PM ROUTING CHECKS**

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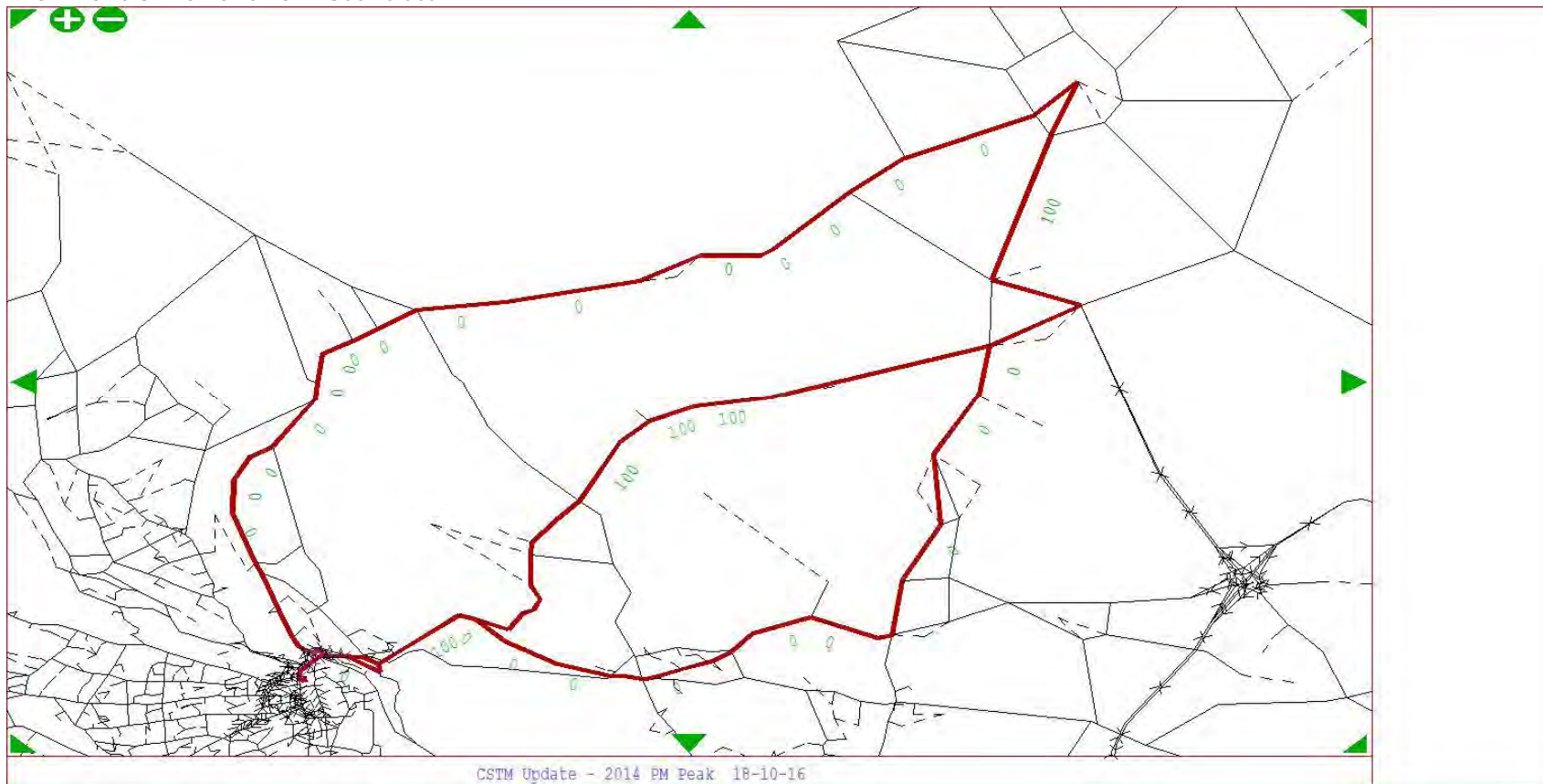


## Appendix G - Model Routeing

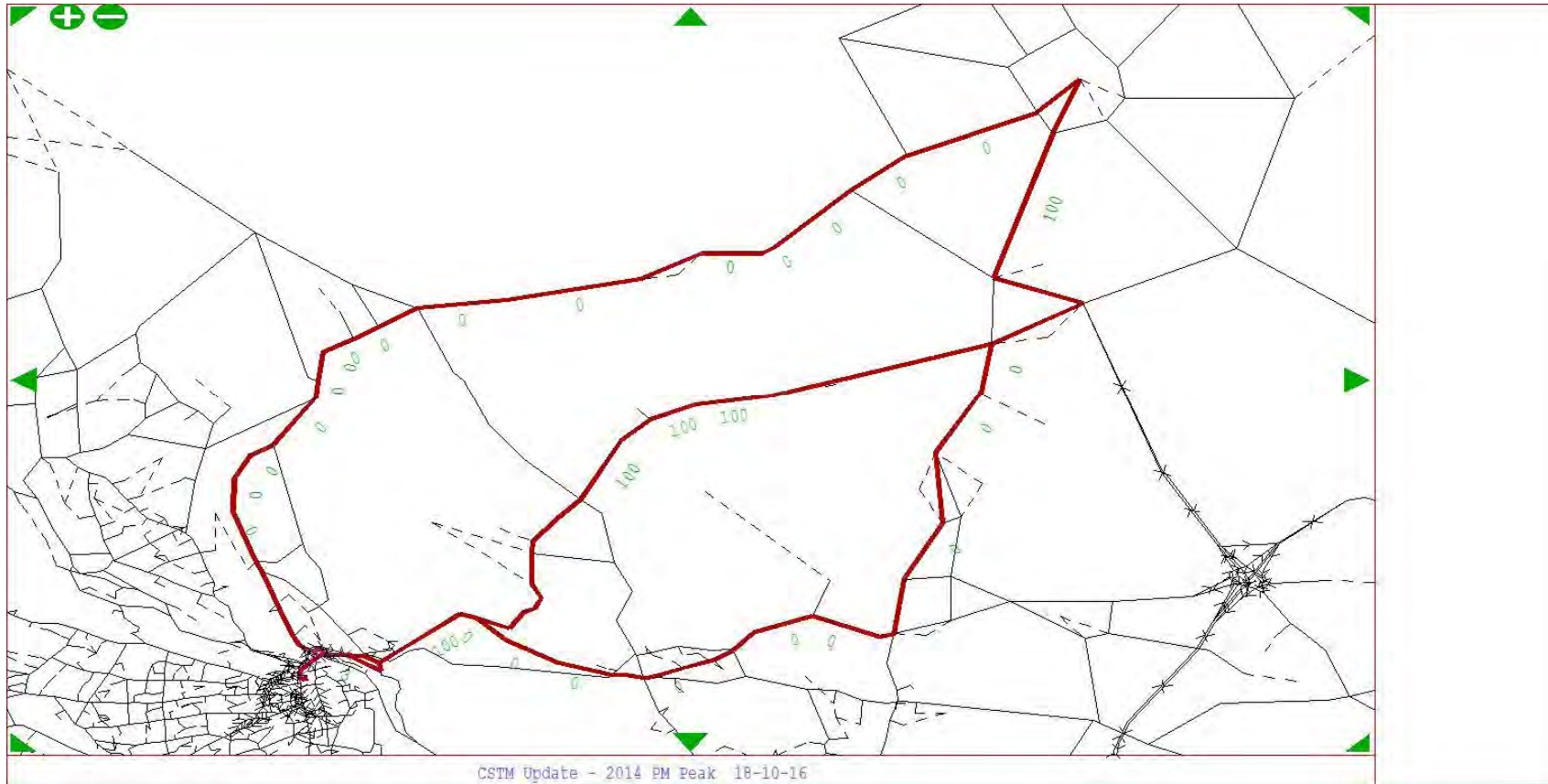
Project Name: OD Tree Plots - PM Peak

Bradford to Halifax Town Centre

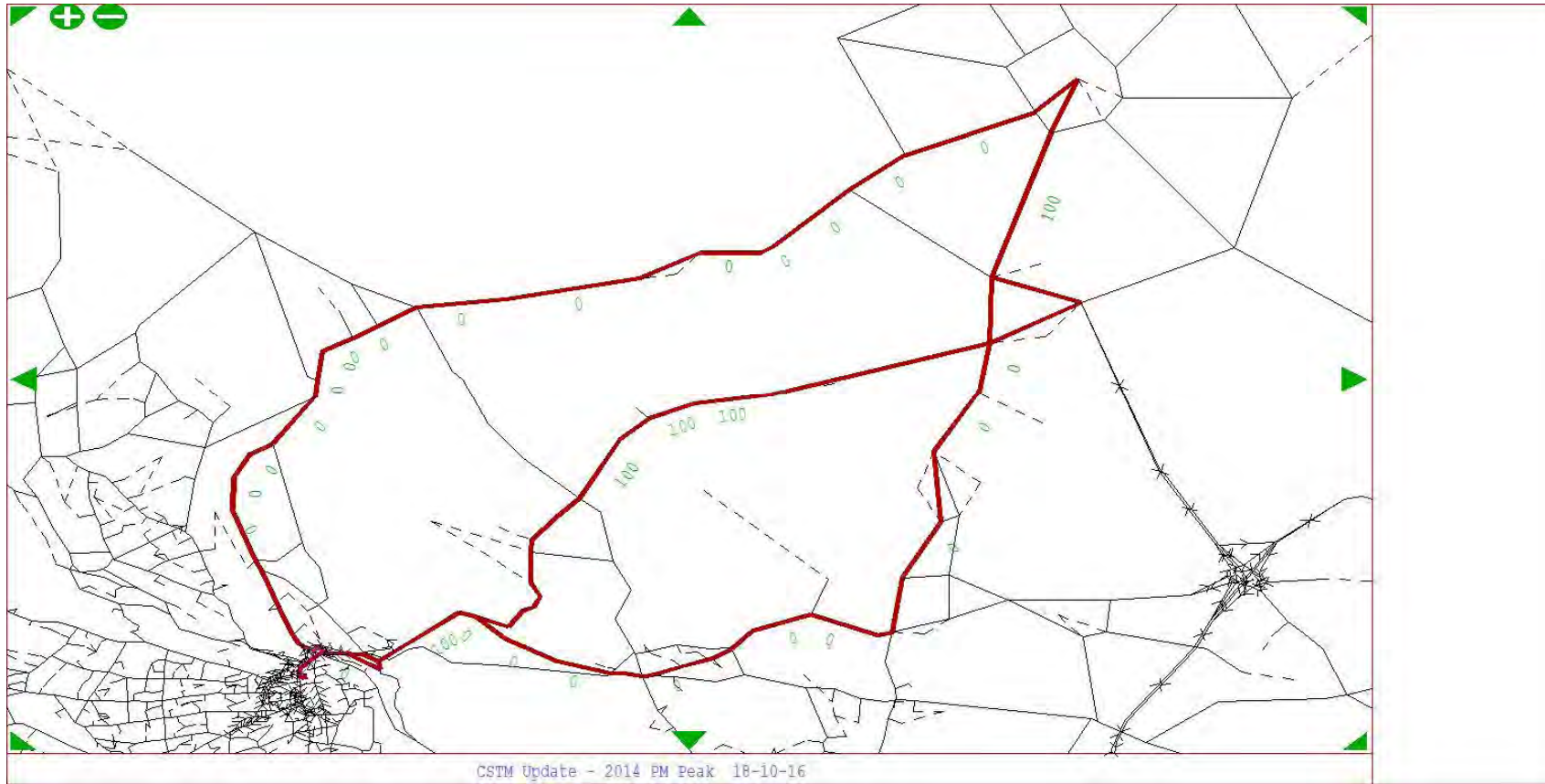
From Zone 32 To Zone 701 - User Class 1



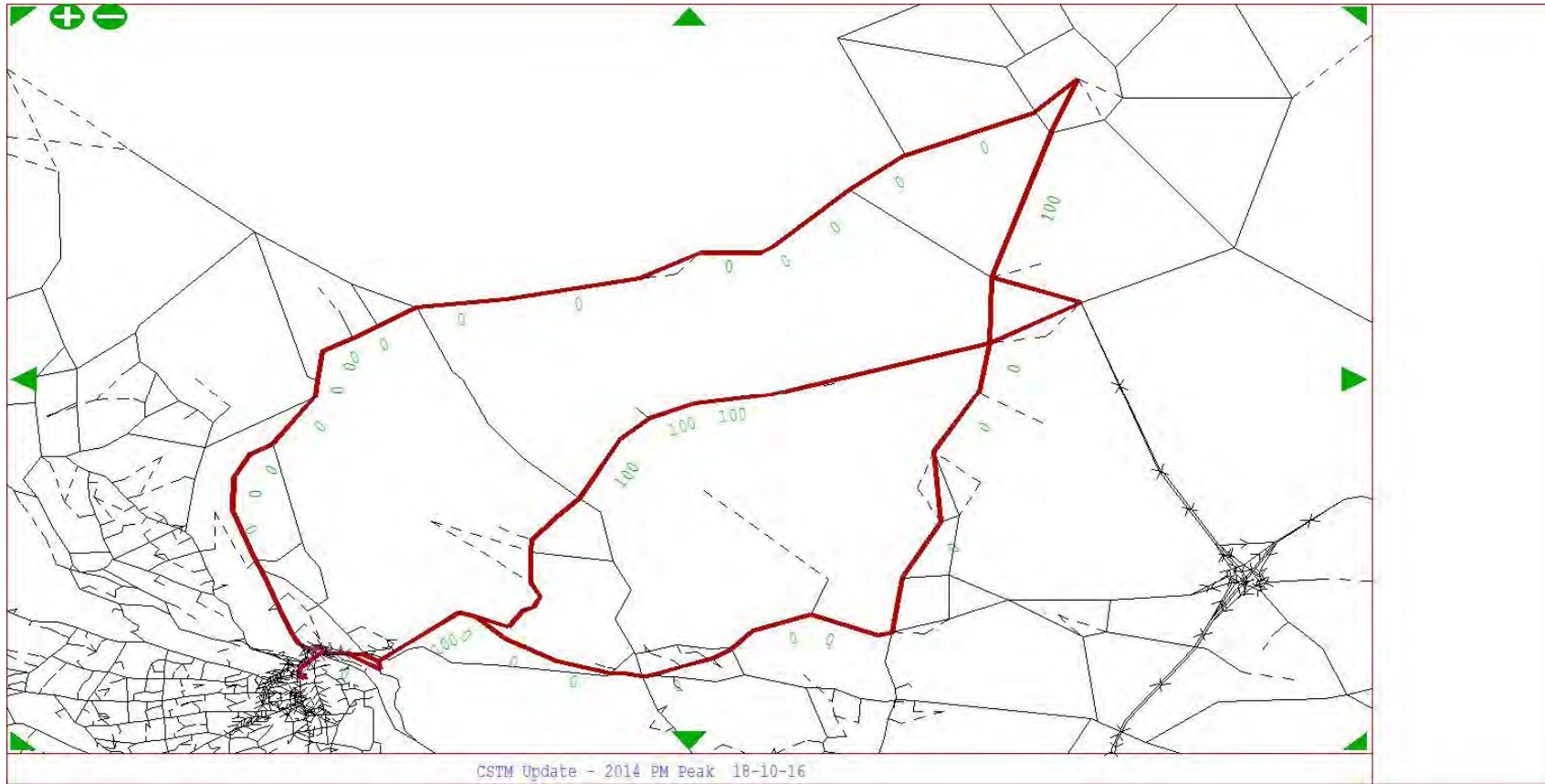
From Zone 32 To Zone 701 - User Class 2



From Zone 32 To Zone 701 - User Class 3

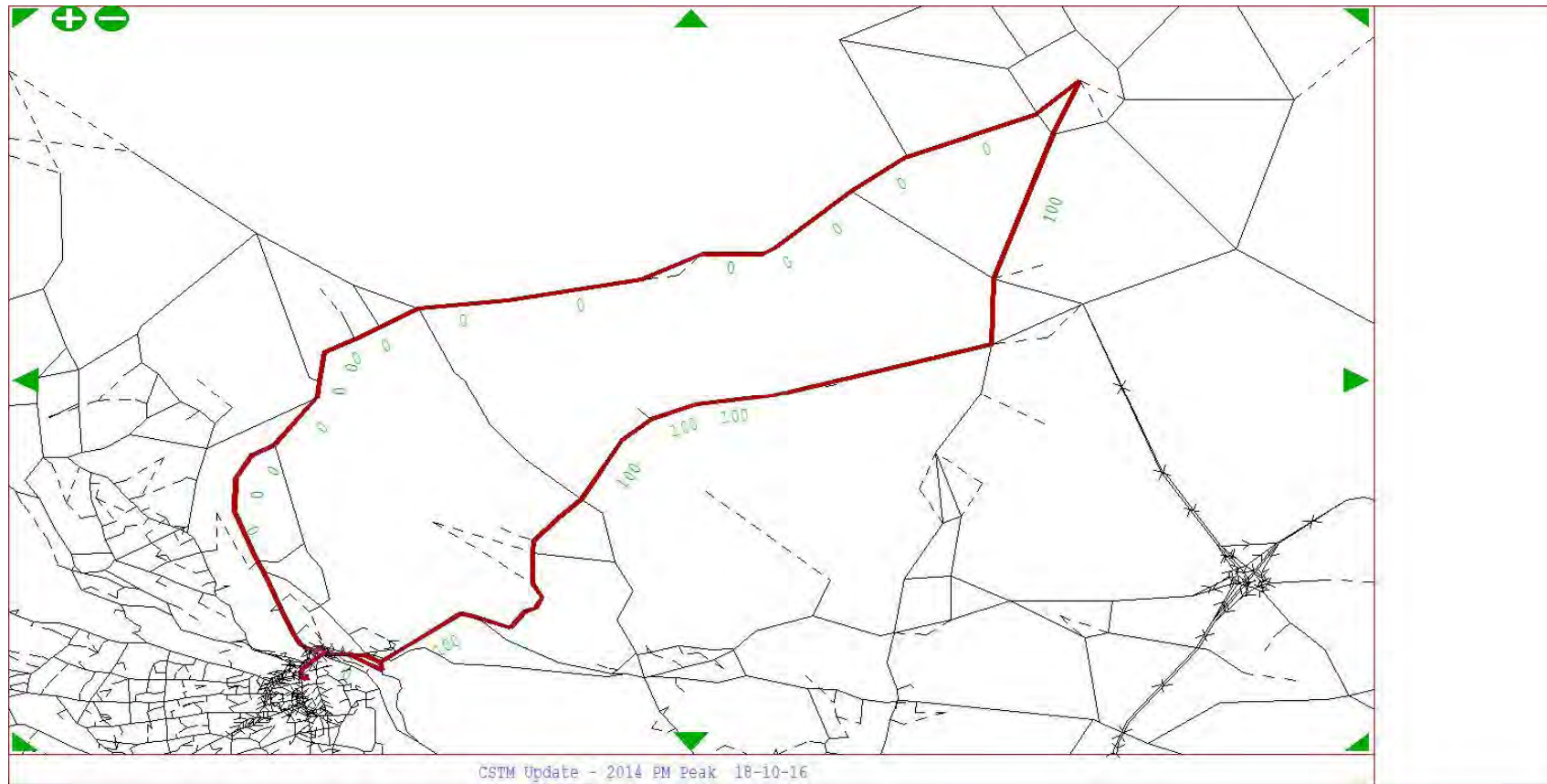


From Zone 32 To Zone 701 - User Class 4

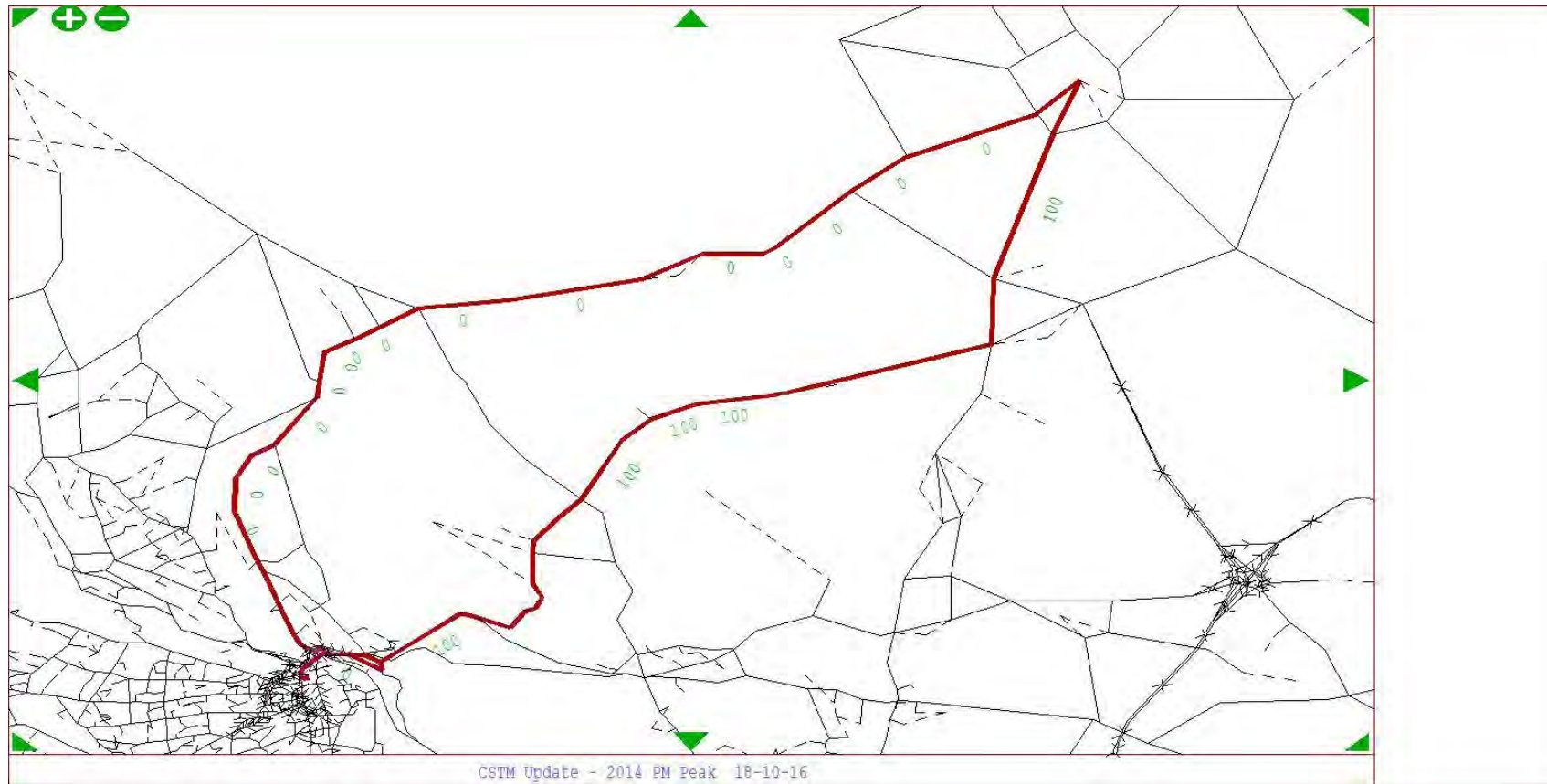




From Zone 32 To Zone 701 - User Class 5

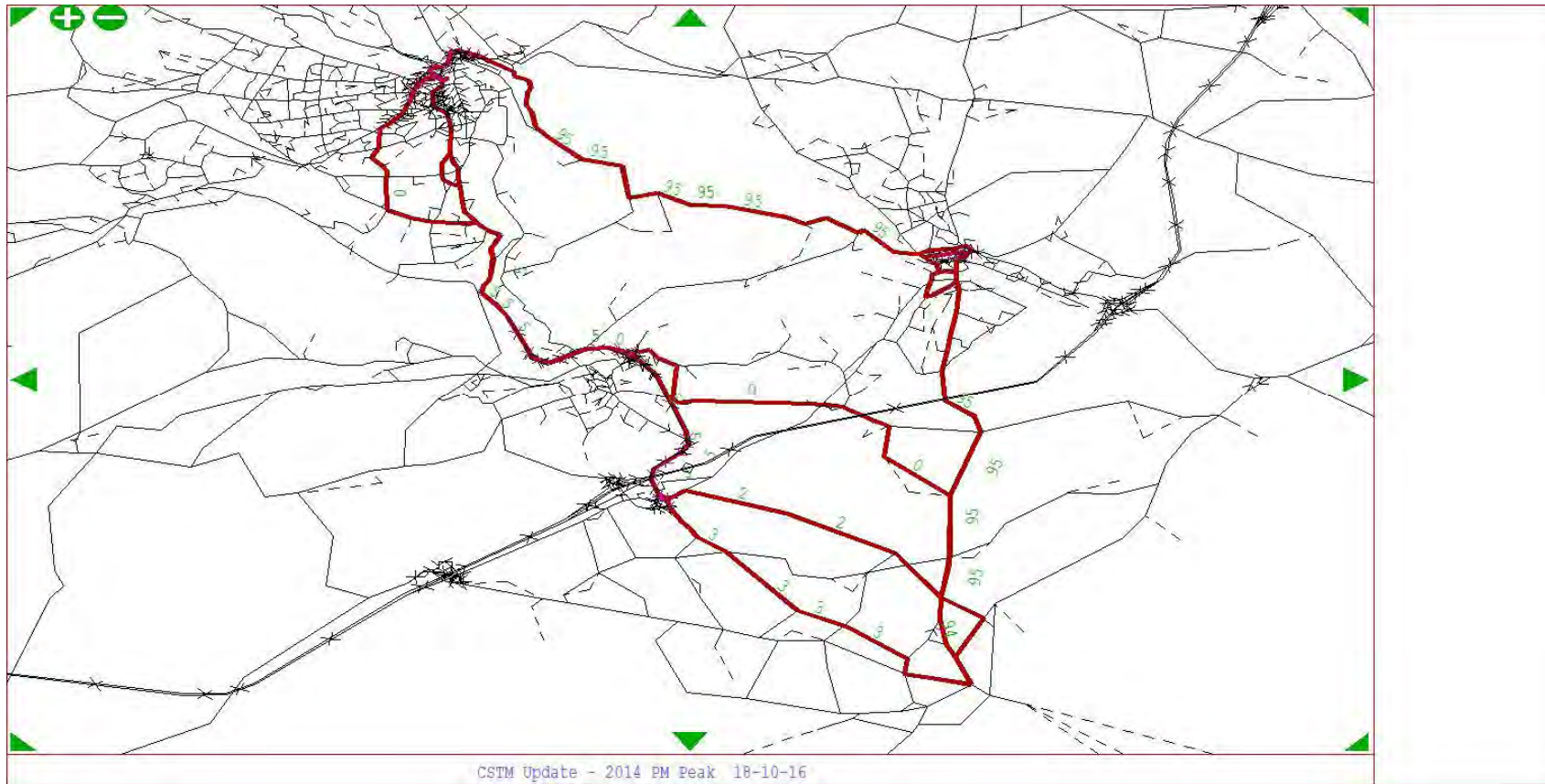


From Zone 32 To Zone 701 - User Class 6



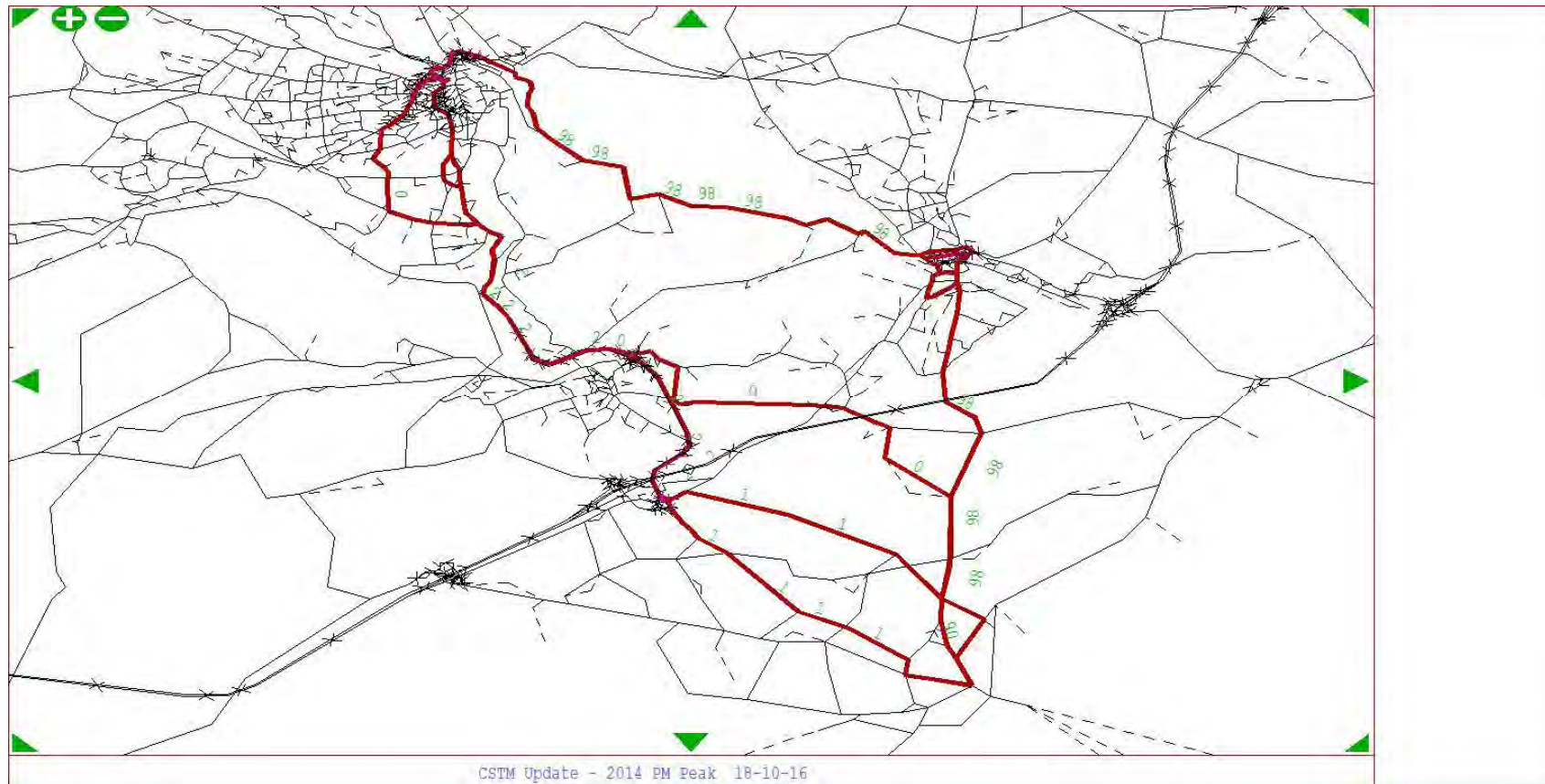
# Halifax Town Centre to Huddersfield

From Zone 701 To Zone 909 - User Class 1



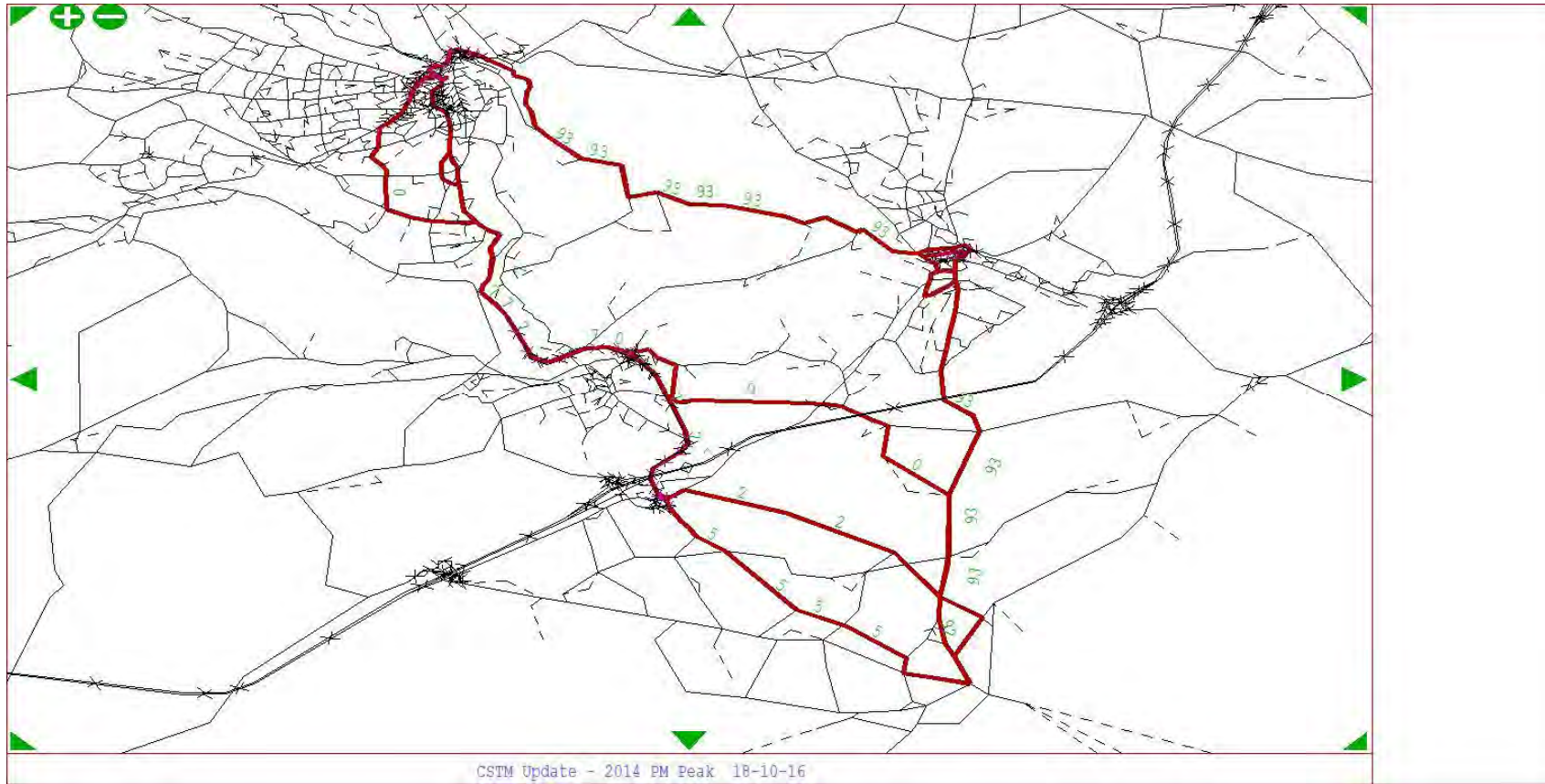


From Zone 701 To Zone 909 - User Class 2





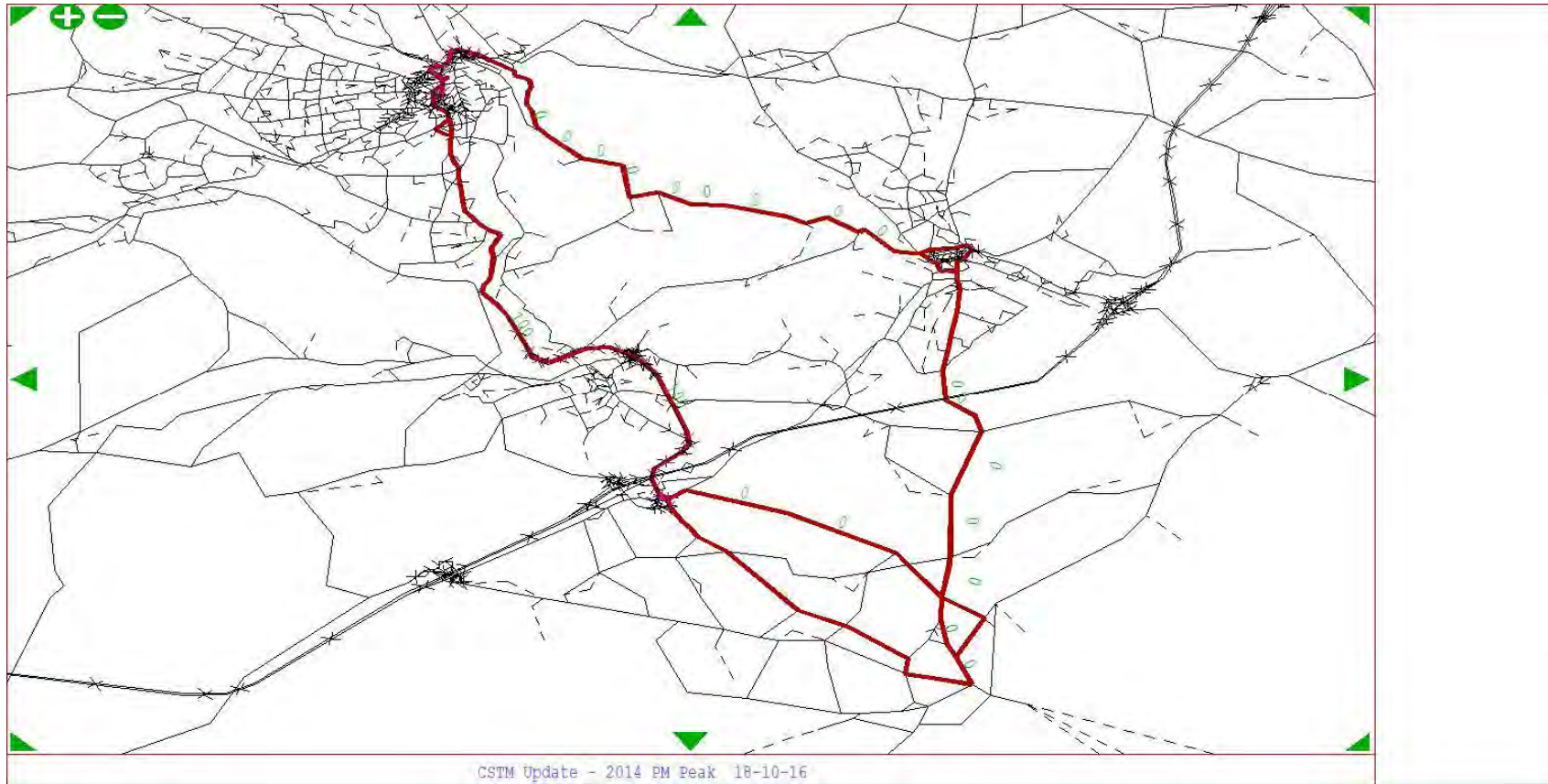
From Zone 701 To Zone 909 - User Class 3



CSTM Update - 2014 PM Peak 18-10-16

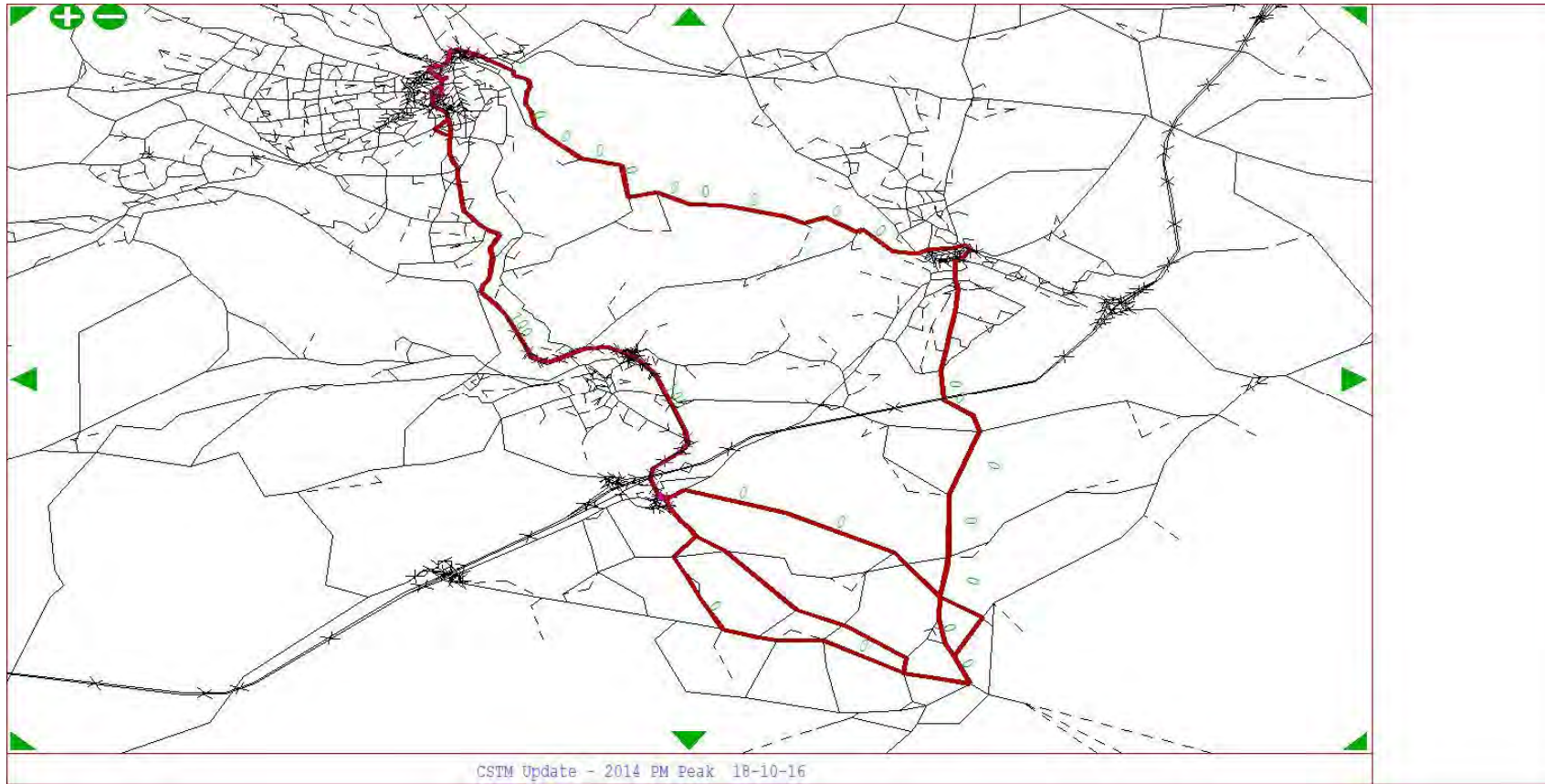
CSTM Update - 2014 PM Peak 18-10-16

From Zone 701 To Zone 909 - User Class 5





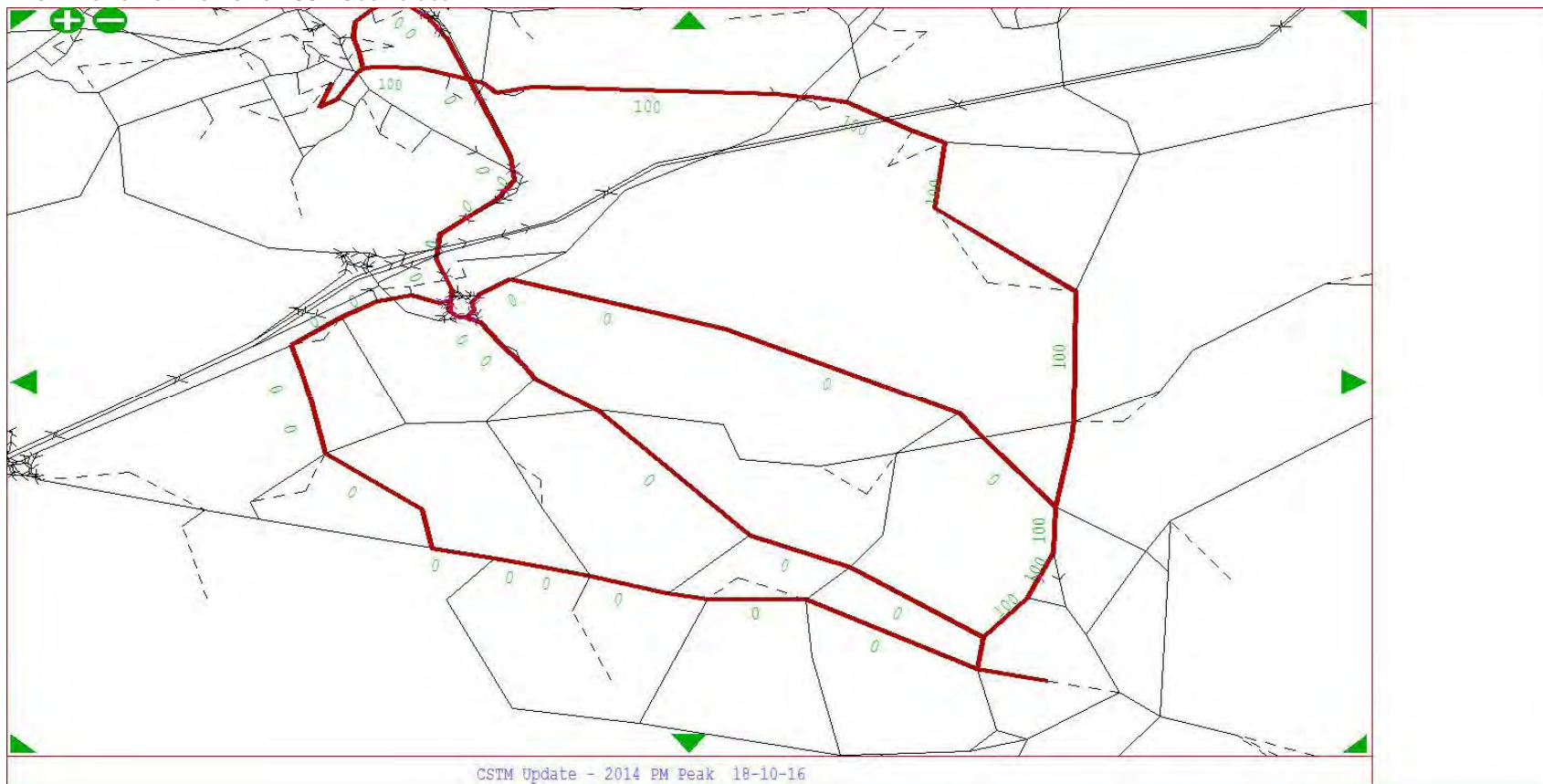
From Zone 701 To Zone 909 - User Class 6



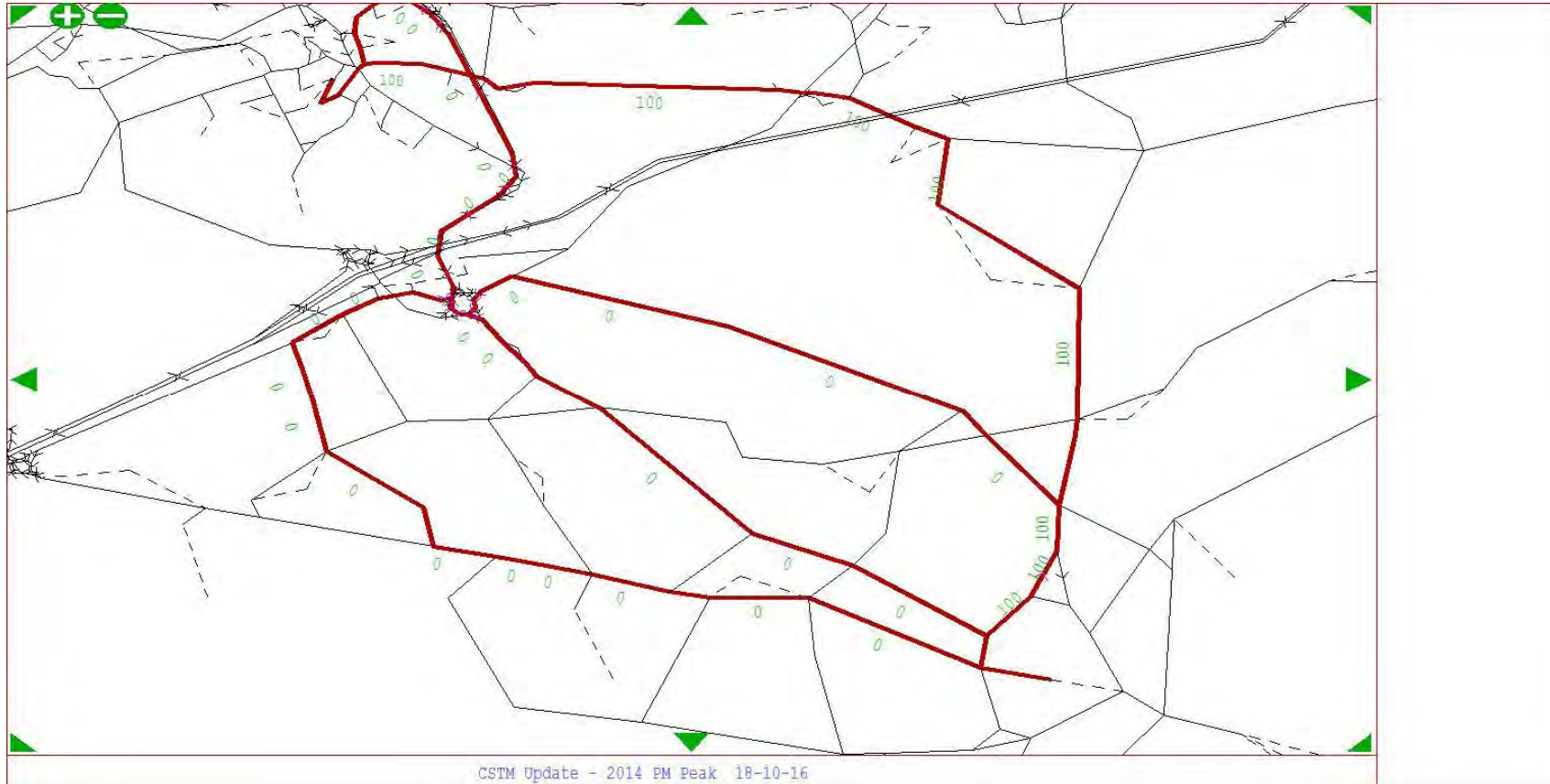


# Huddersfield to Elland

From Zone 909 To Zone 188 - User Class 1

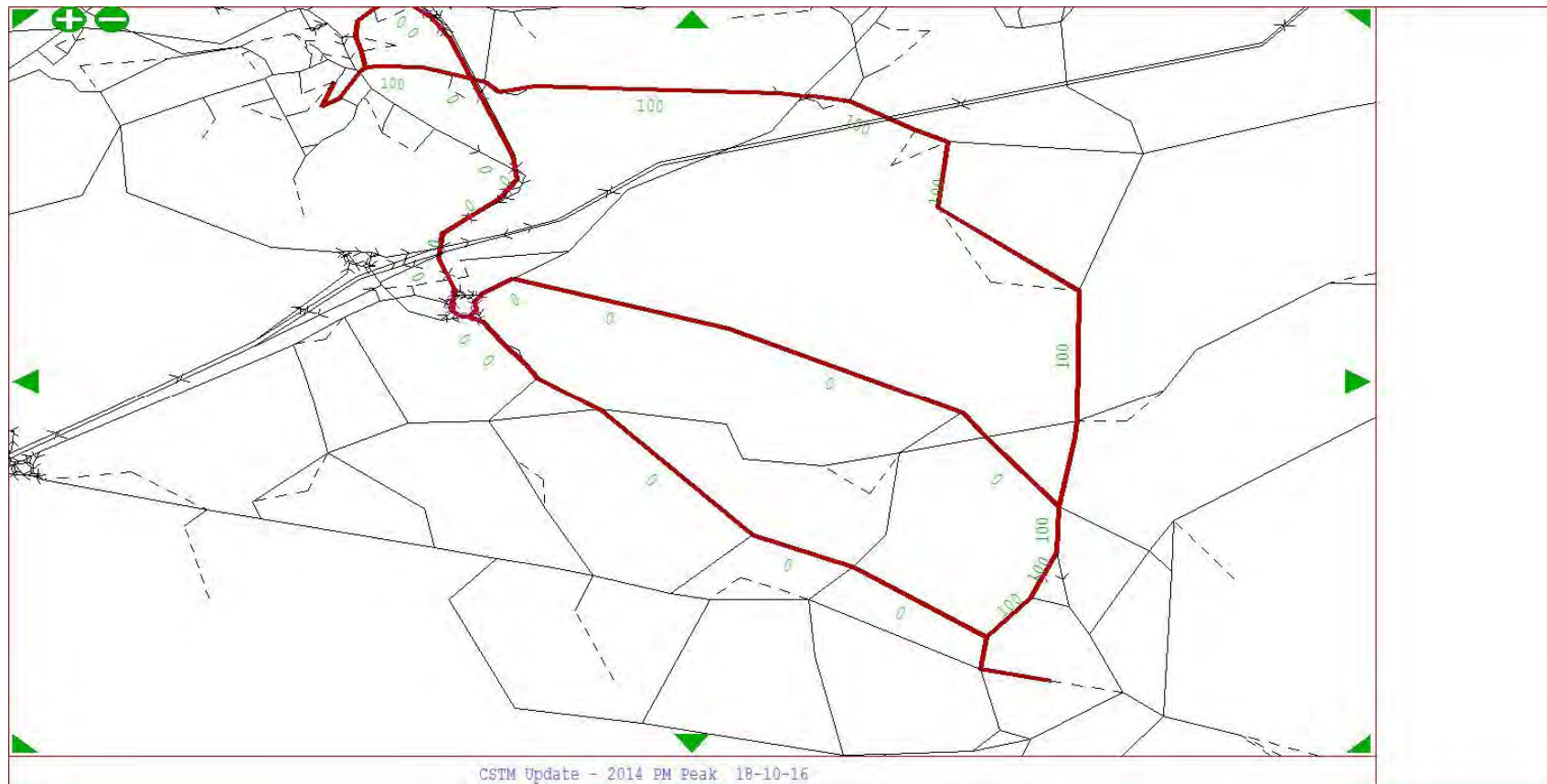


From Zone 909 To Zone 188 - User Class 2

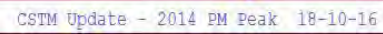


CSTM Update - 2014 PM Peak 18-10-16

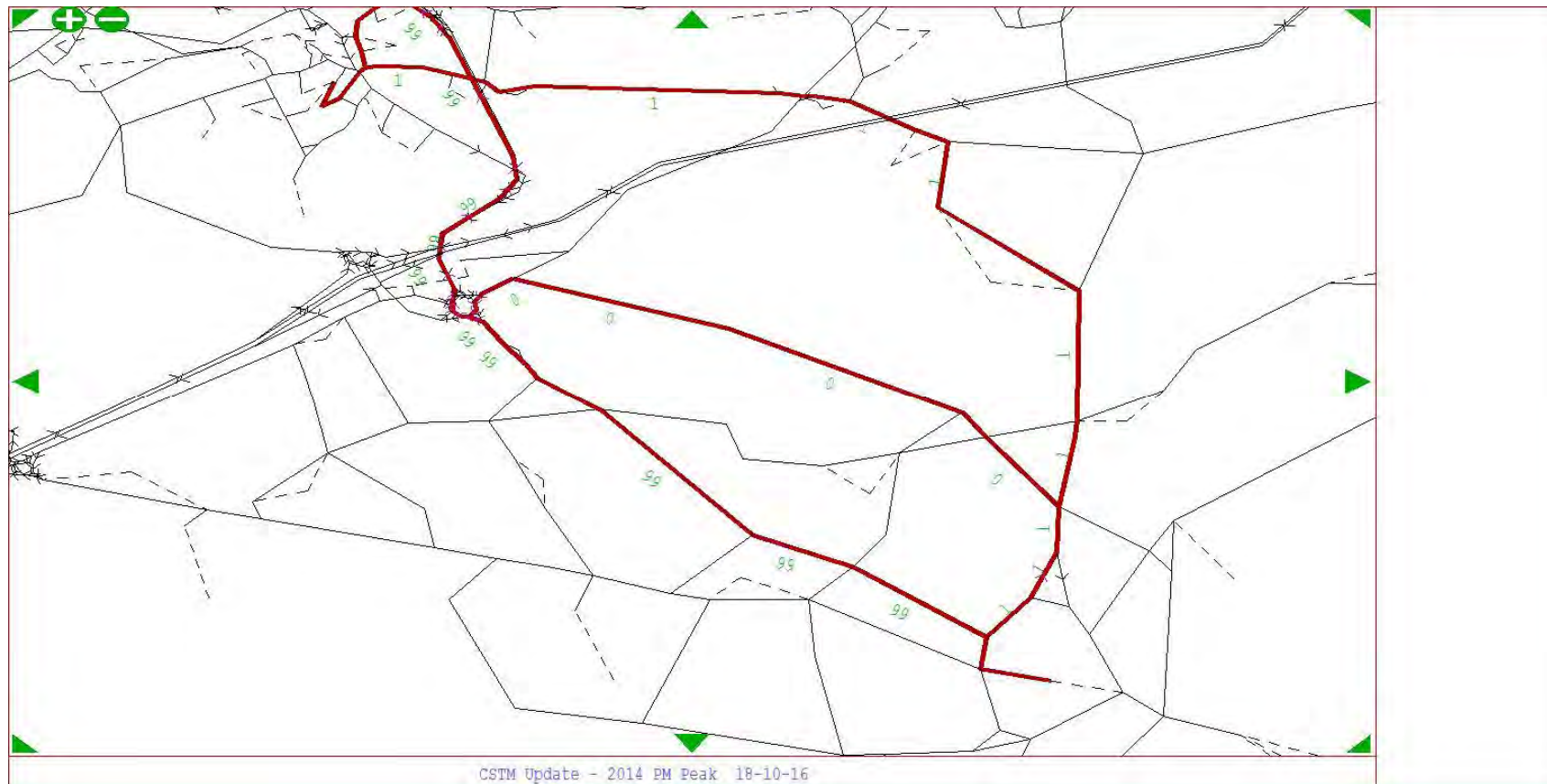
From Zone 909 To Zone 188 - User Class 4





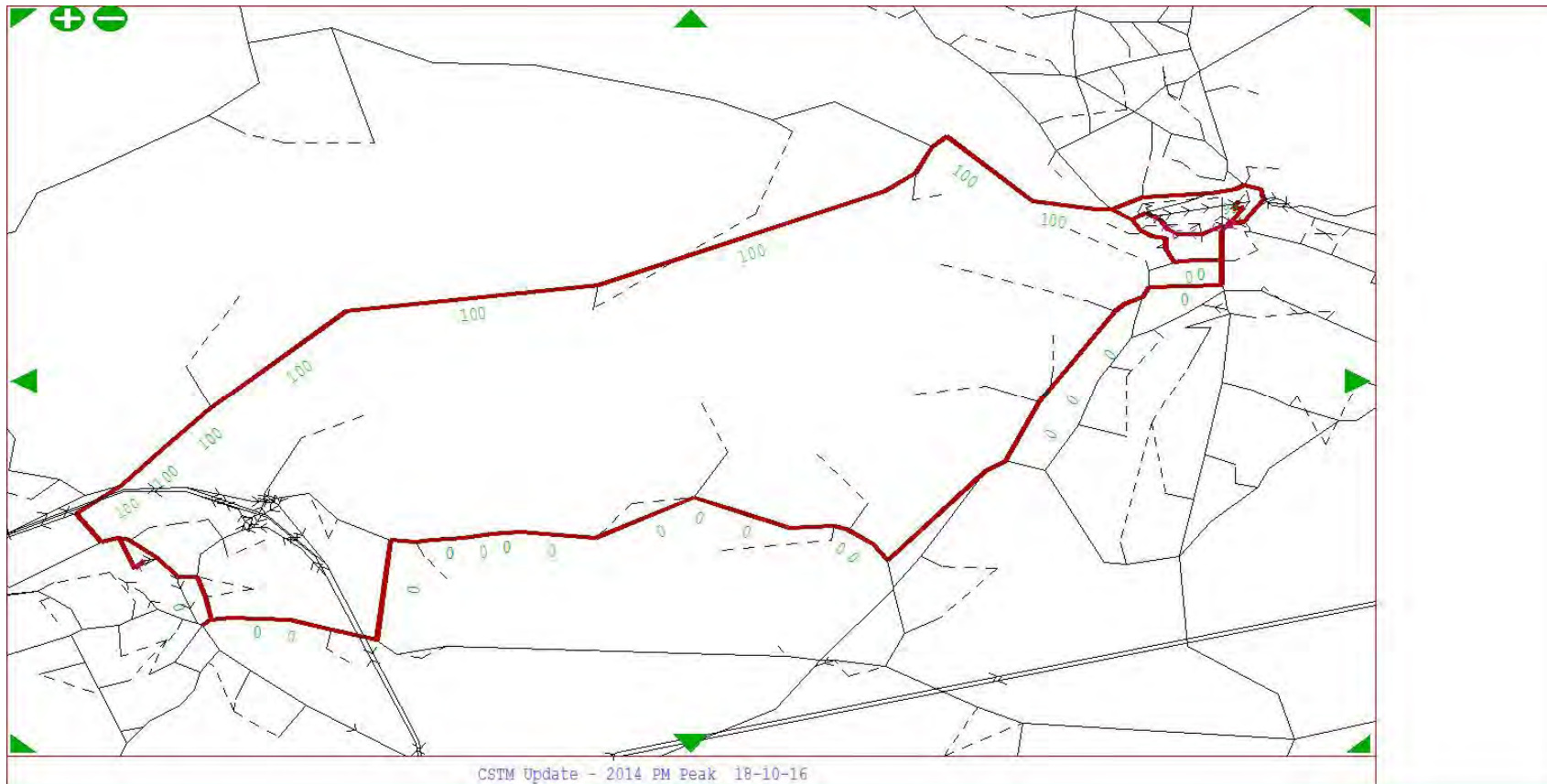


From Zone 909 To Zone 188 - User Class 6

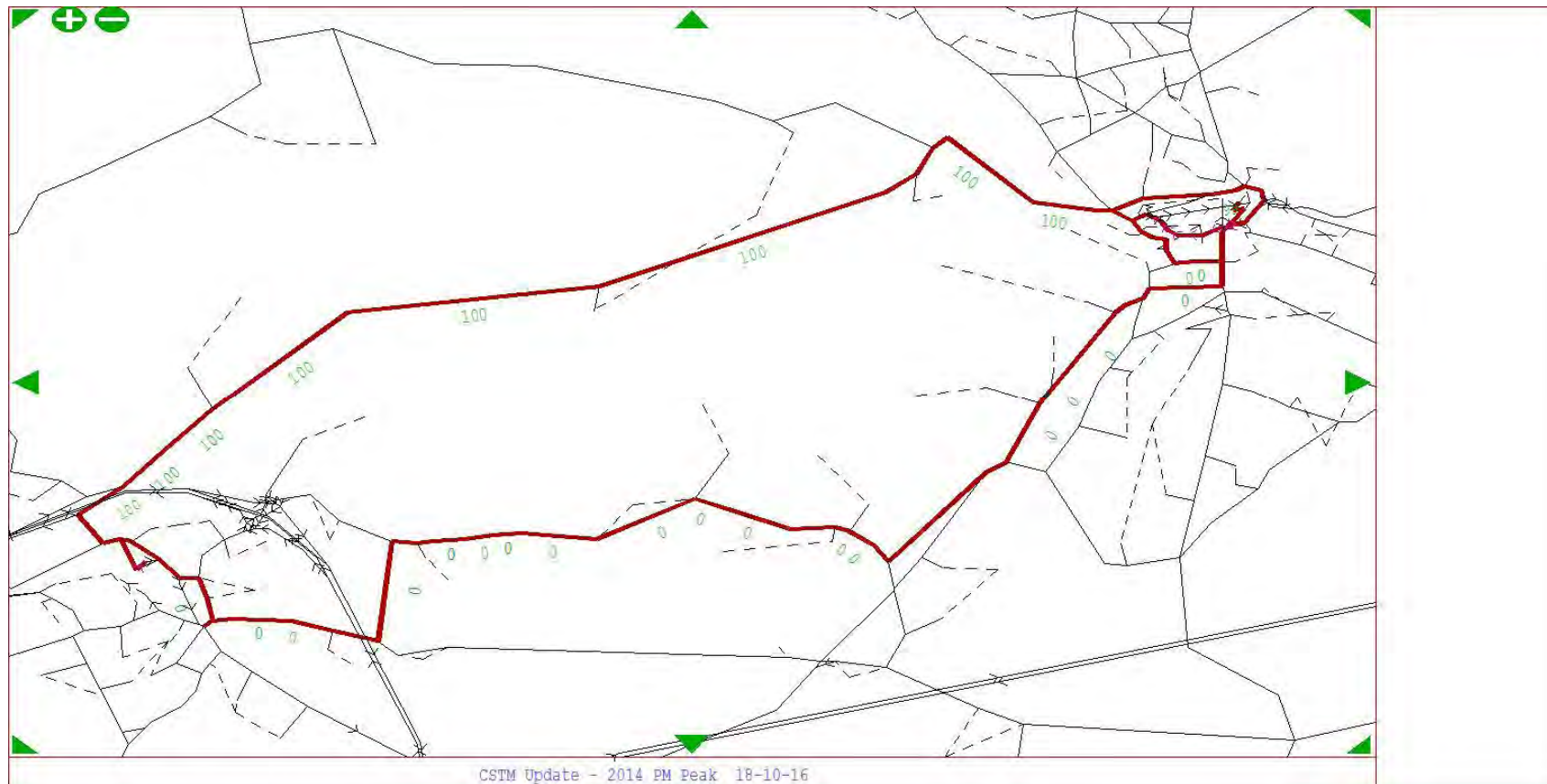


# Brighouse to Elland

From Zone 458 To Zone 480 - User Class 1

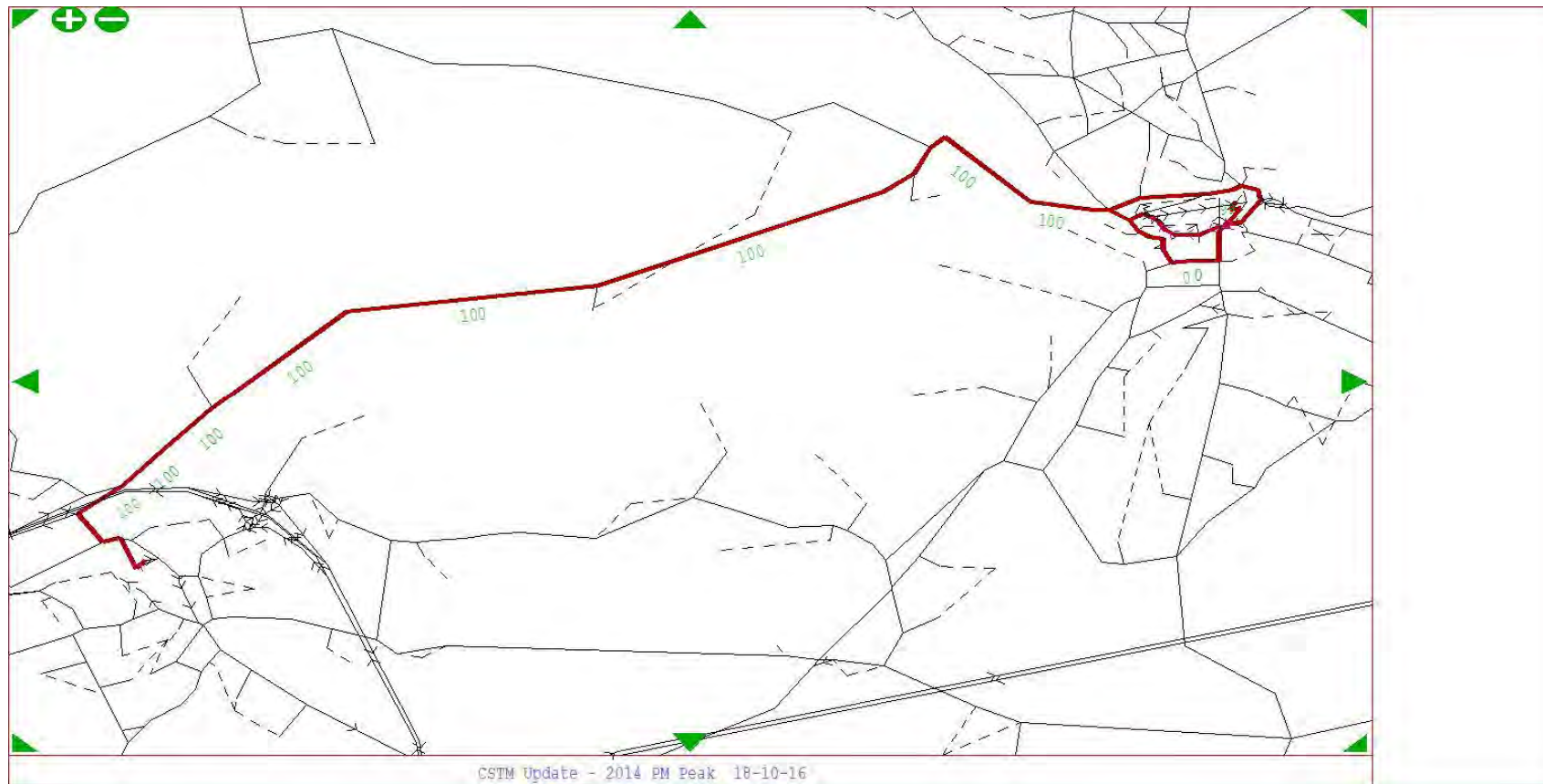


From Zone 458 To Zone 480 - User Class 2

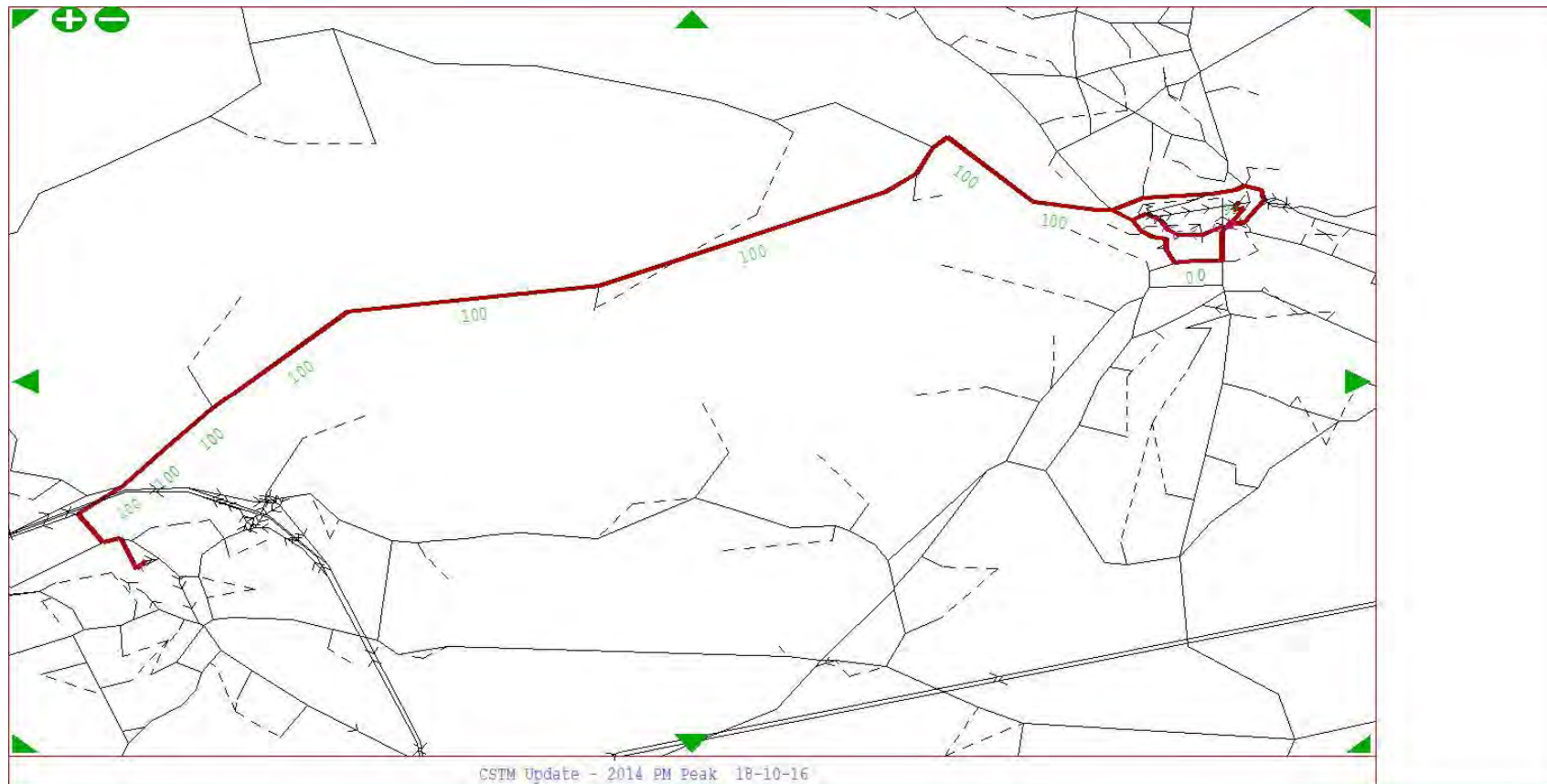




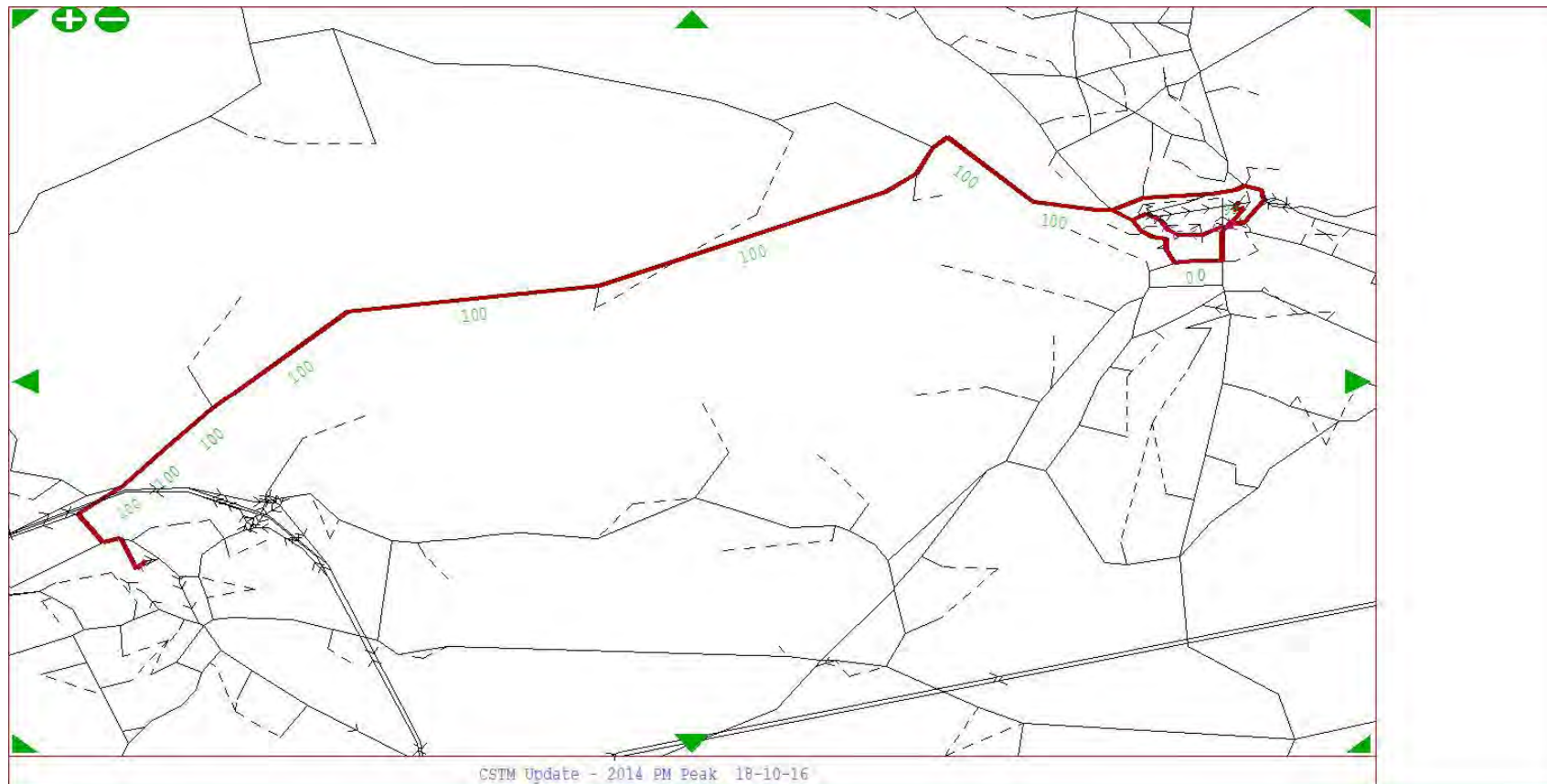
From Zone 458 To Zone 480 - User Class 3



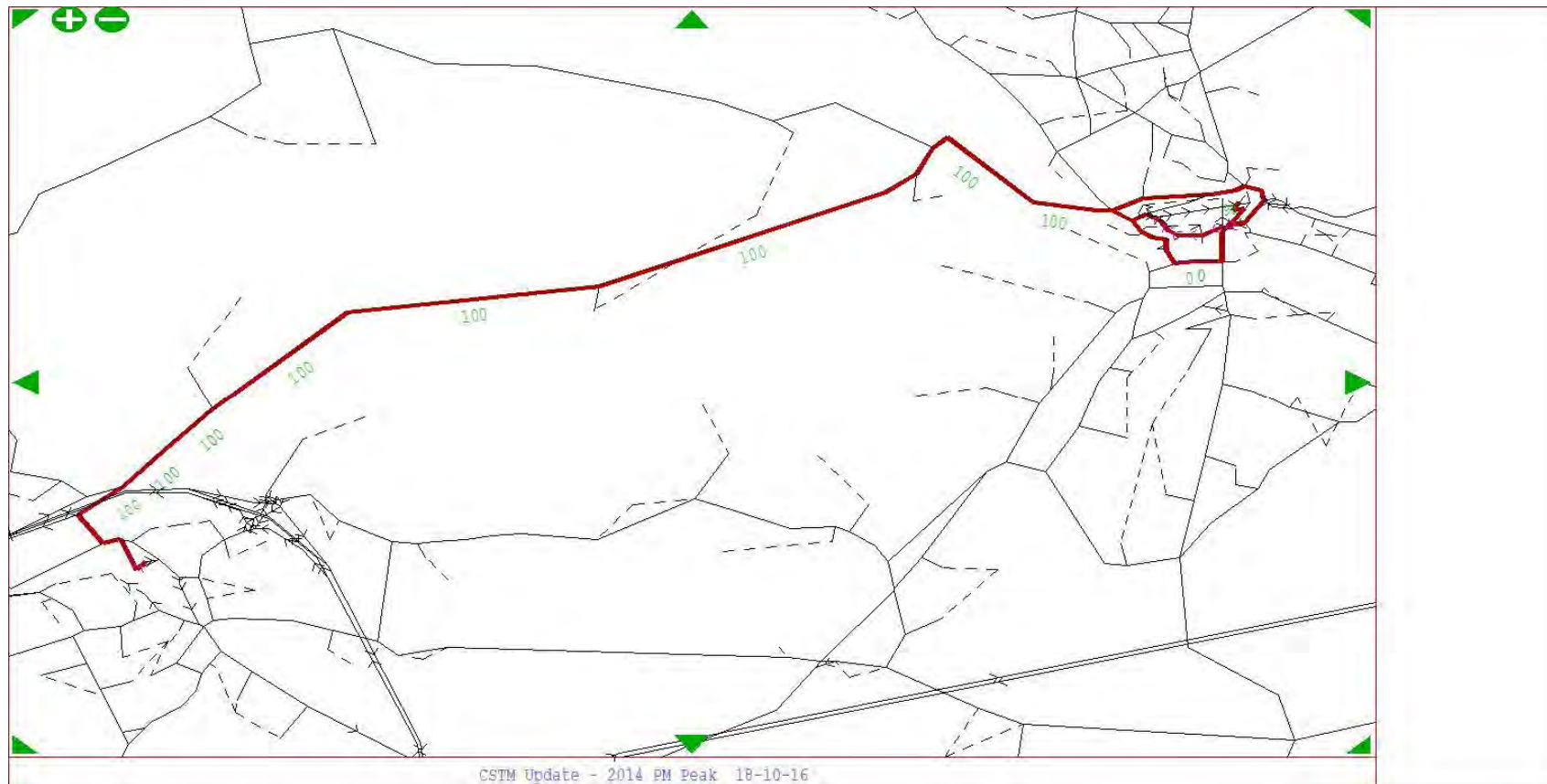
From Zone 458 To Zone 480 - User Class 4



From Zone 458 To Zone 480 - User Class 5



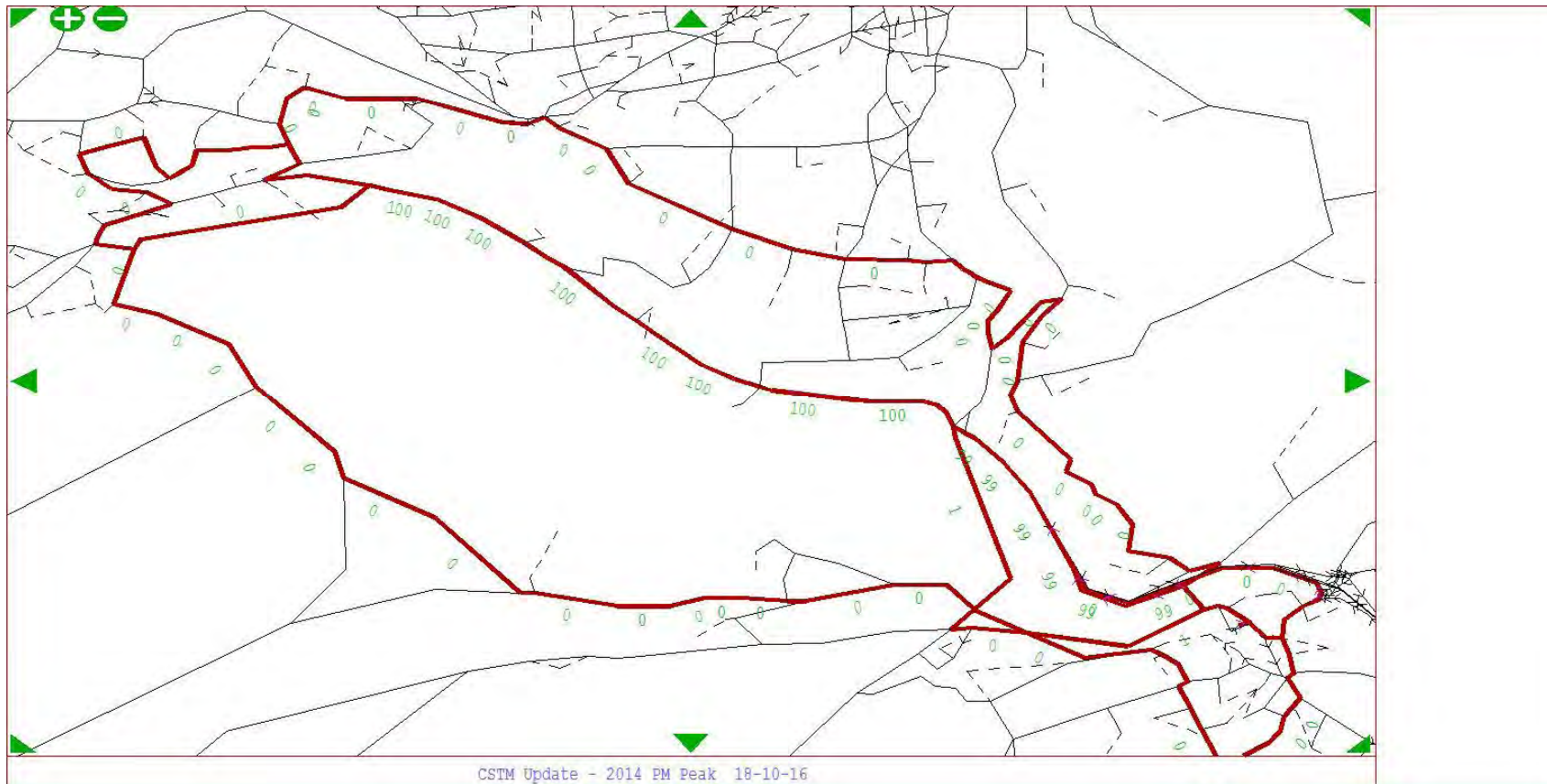
From Zone 458 To Zone 480 - User Class 6



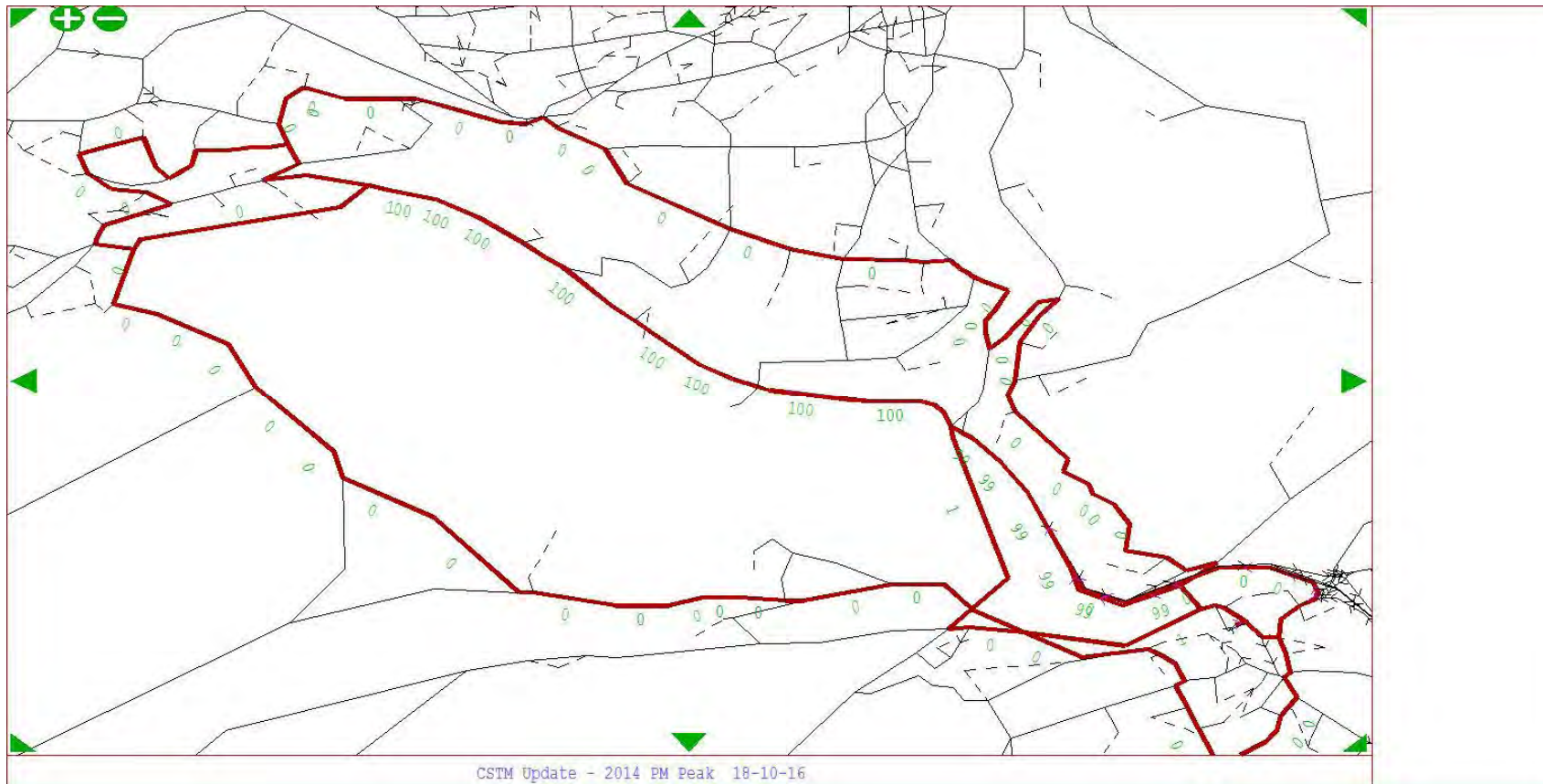


## Elland to Sowerby Bridge

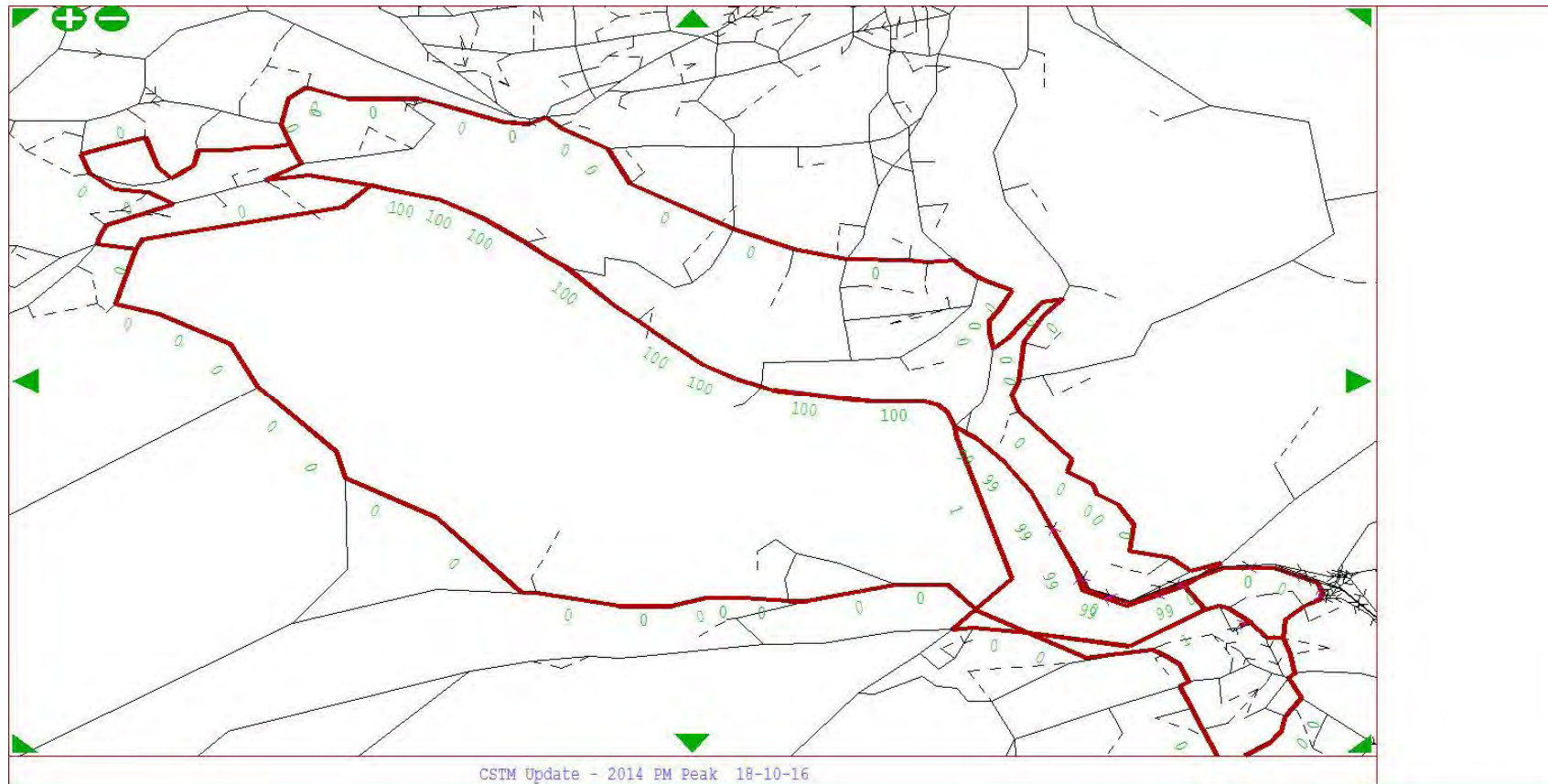
From Zone 480 To Zone 114 - User Class 1



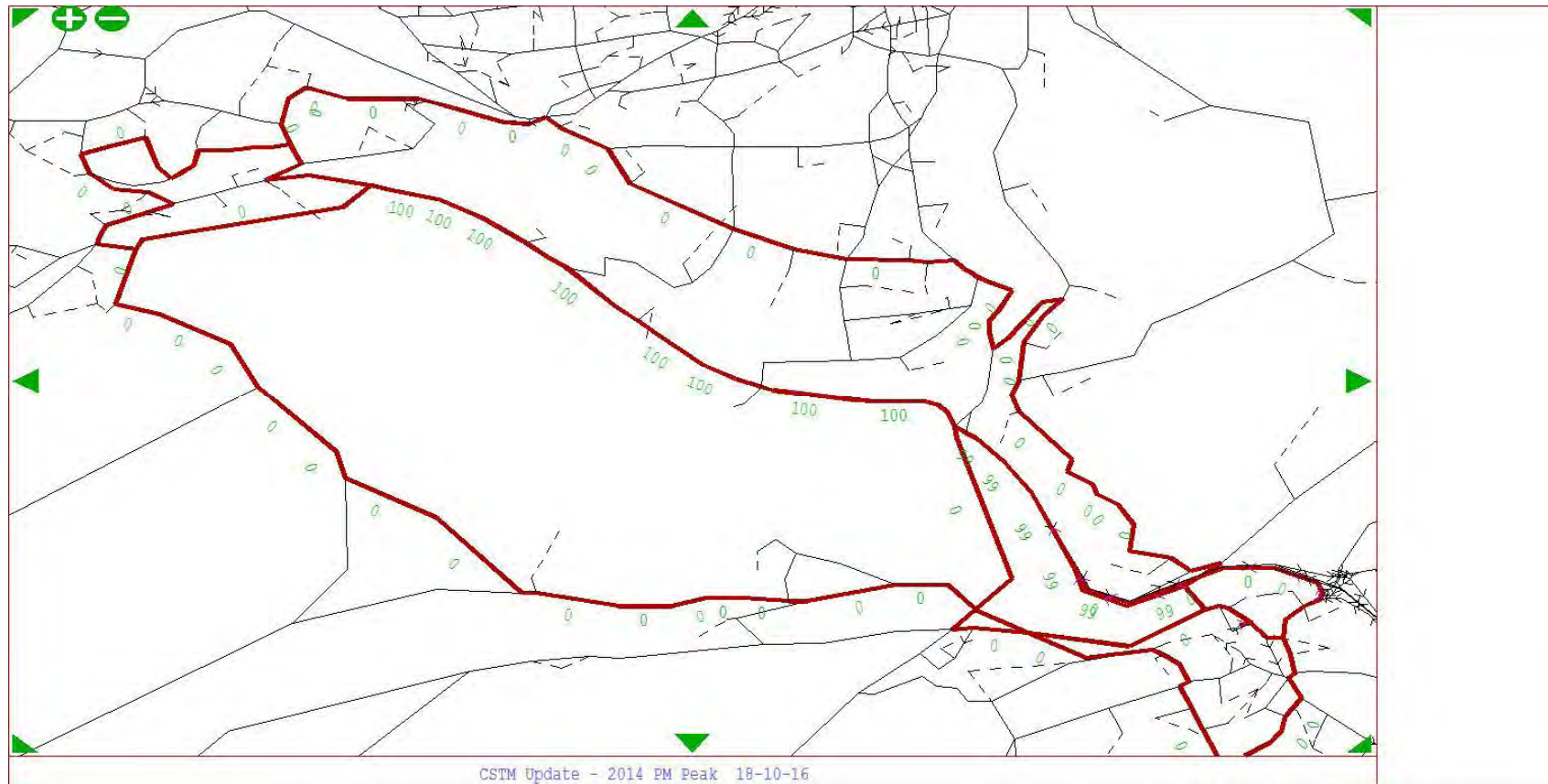
From Zone 480 To Zone 114 - User Class 2



From Zone 480 To Zone 114 - User Class 3

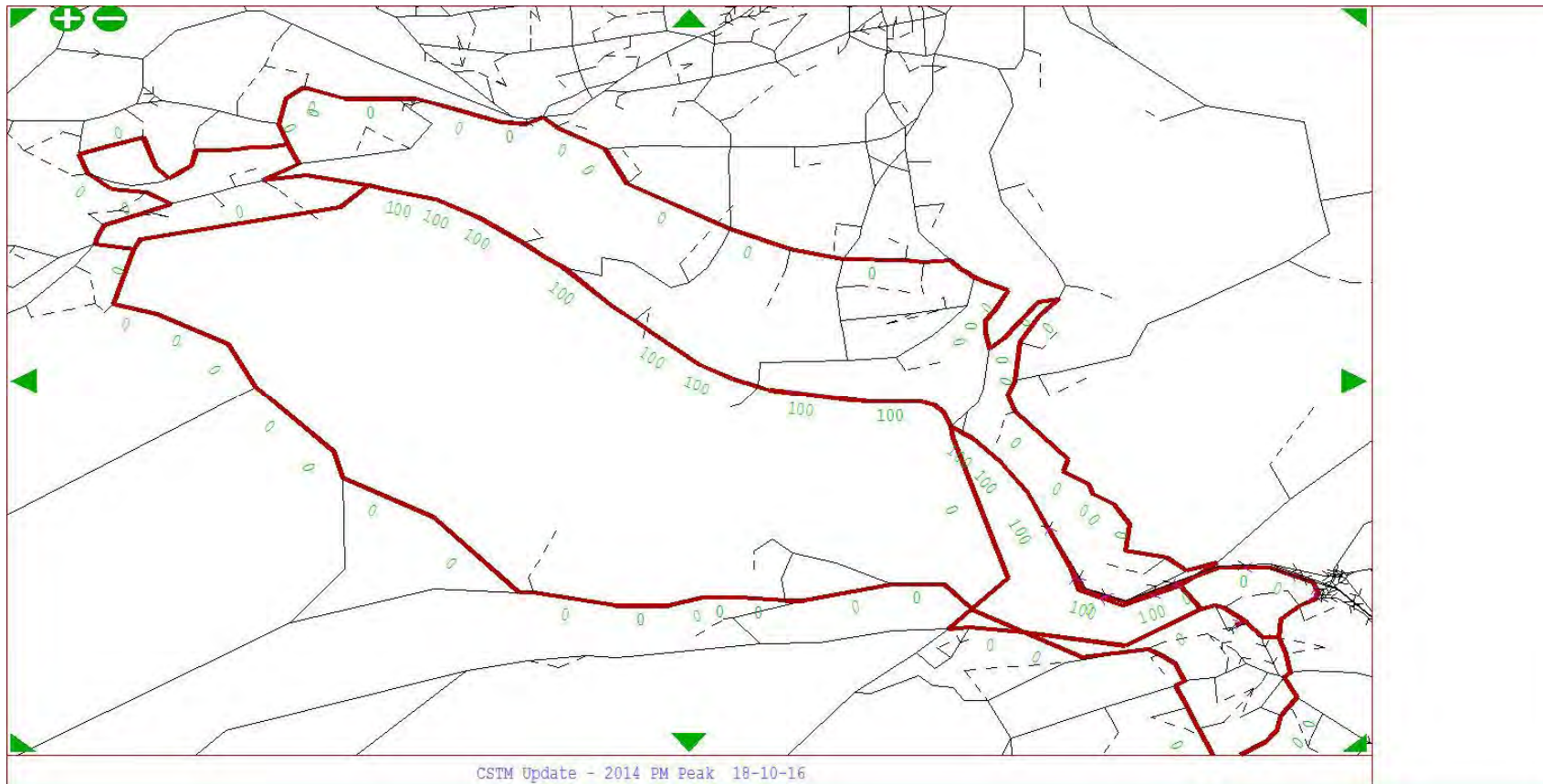


From Zone 480 To Zone 114 - User Class 4

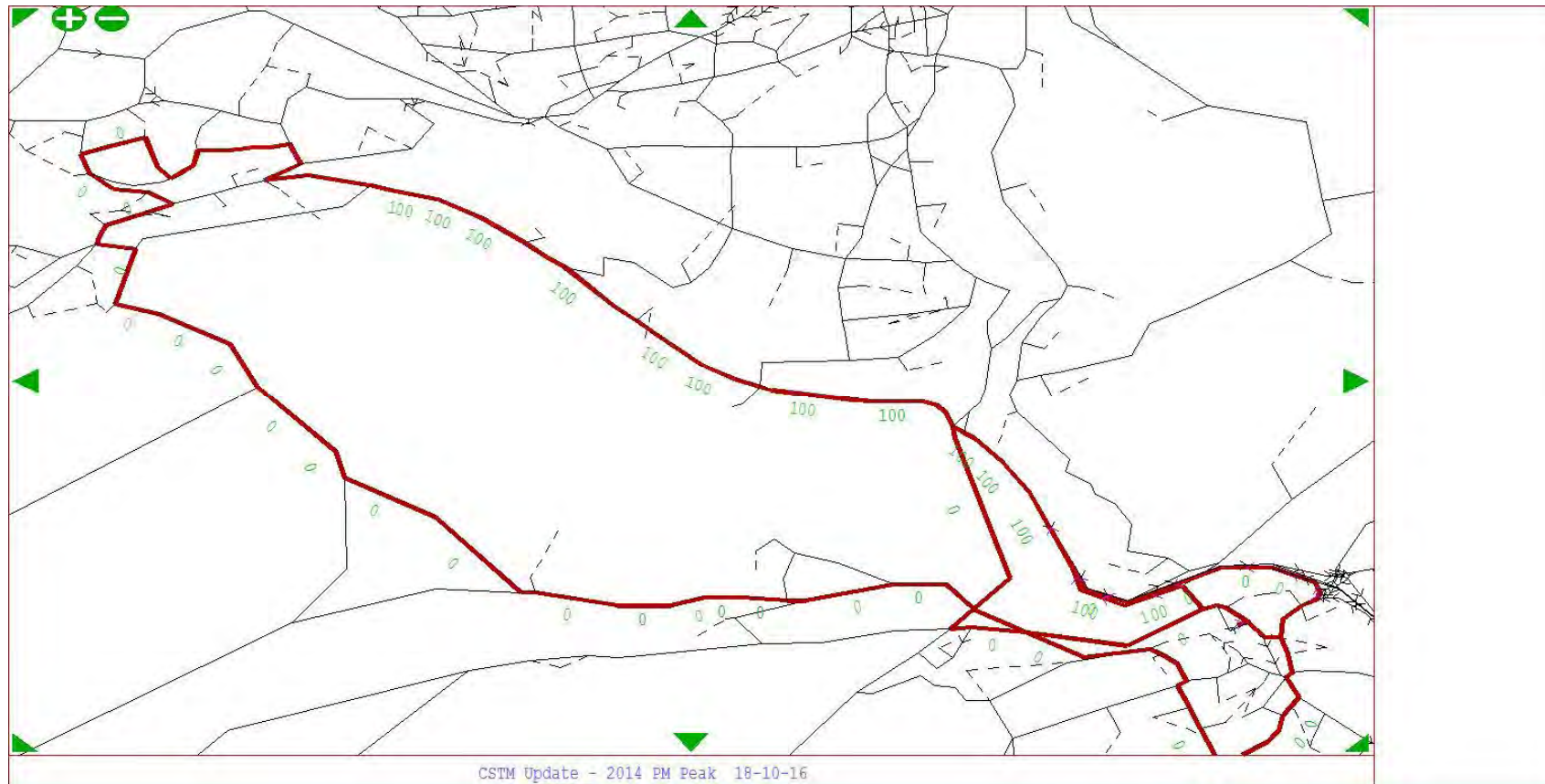




From Zone 480 To Zone 114 - User Class 5

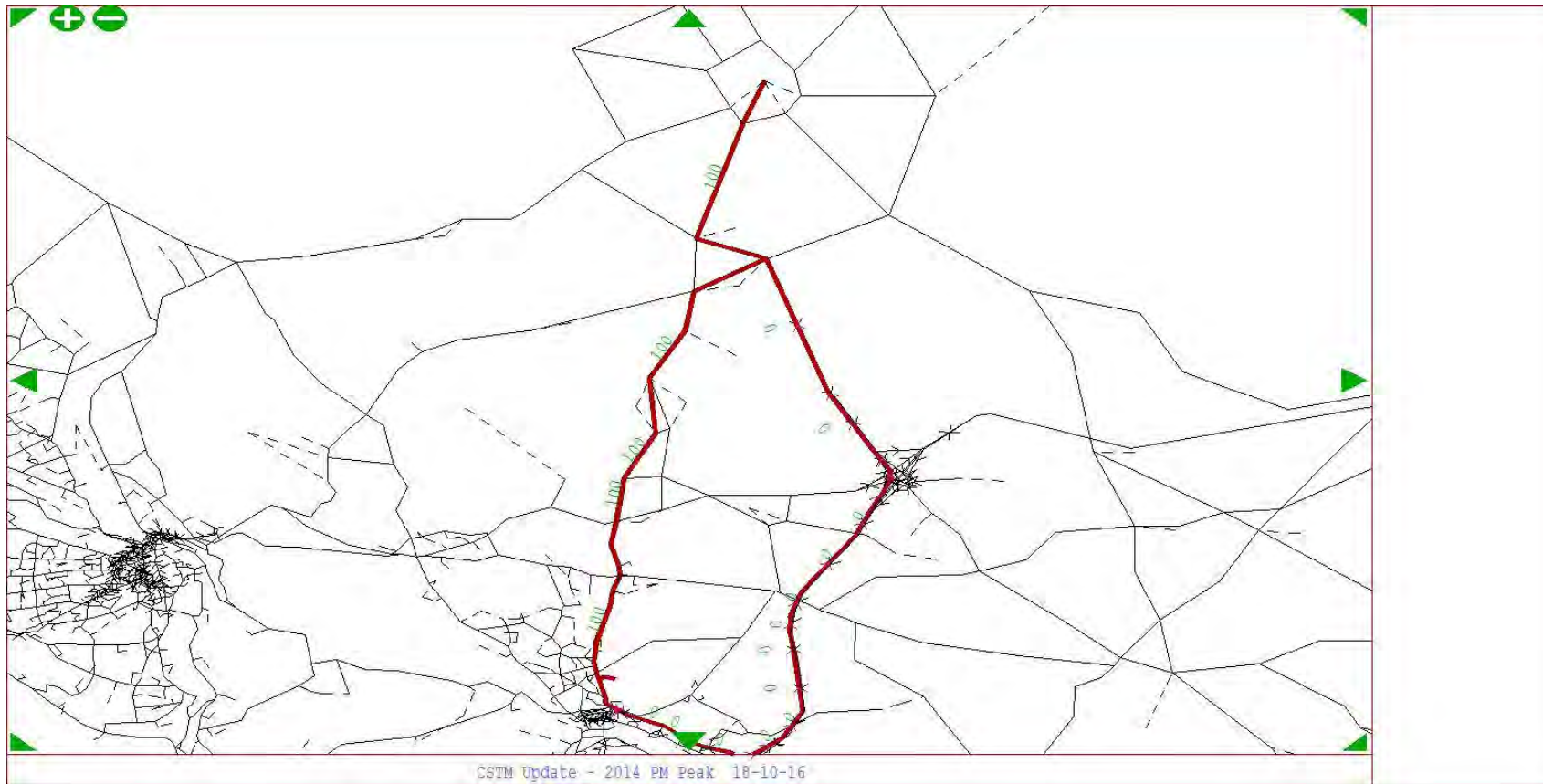


From Zone 480 To Zone 114 - User Class 6

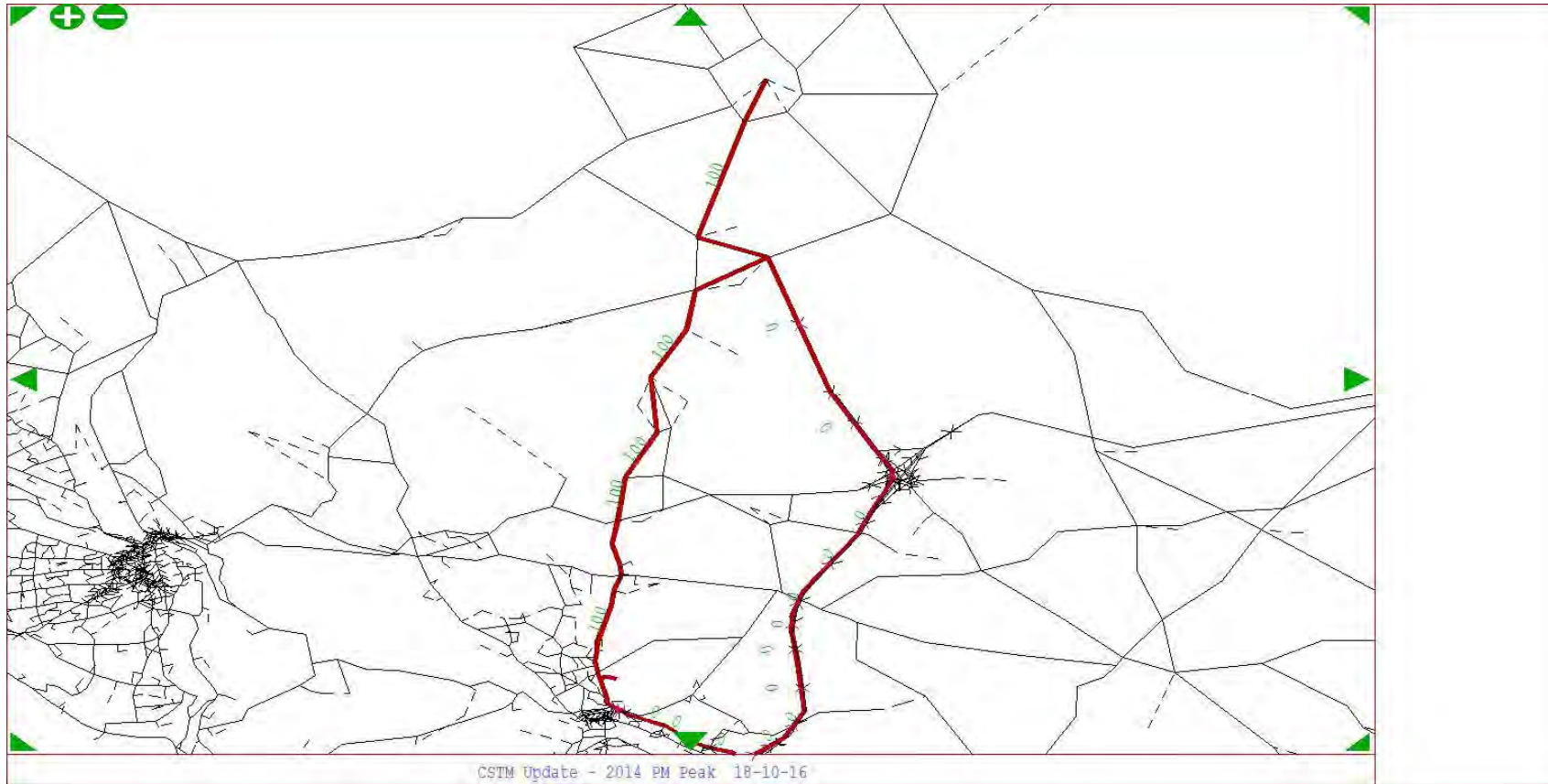


# Brighouse to Bradford

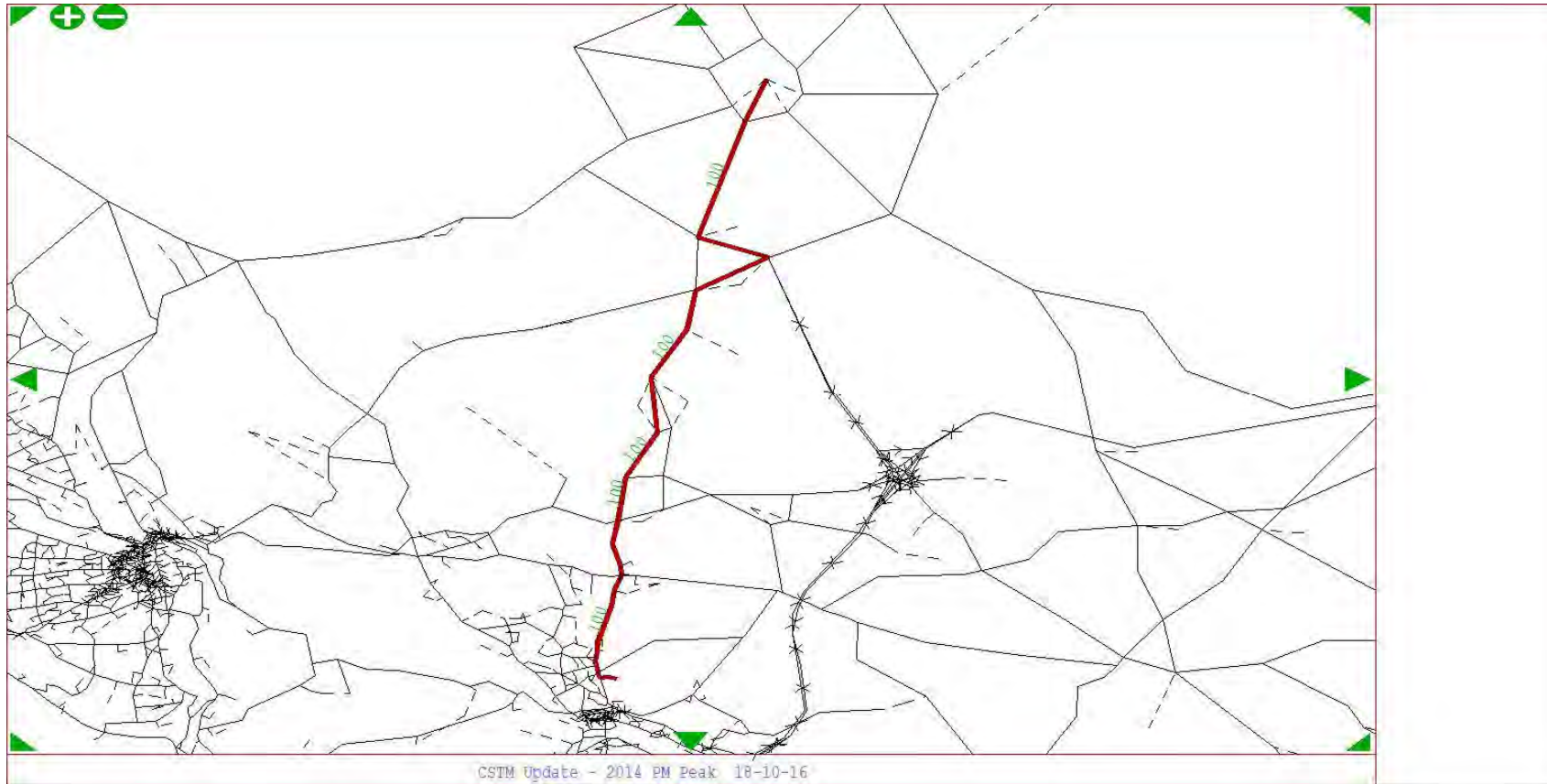
From Zone 171 To Zone 32 - User Class 1

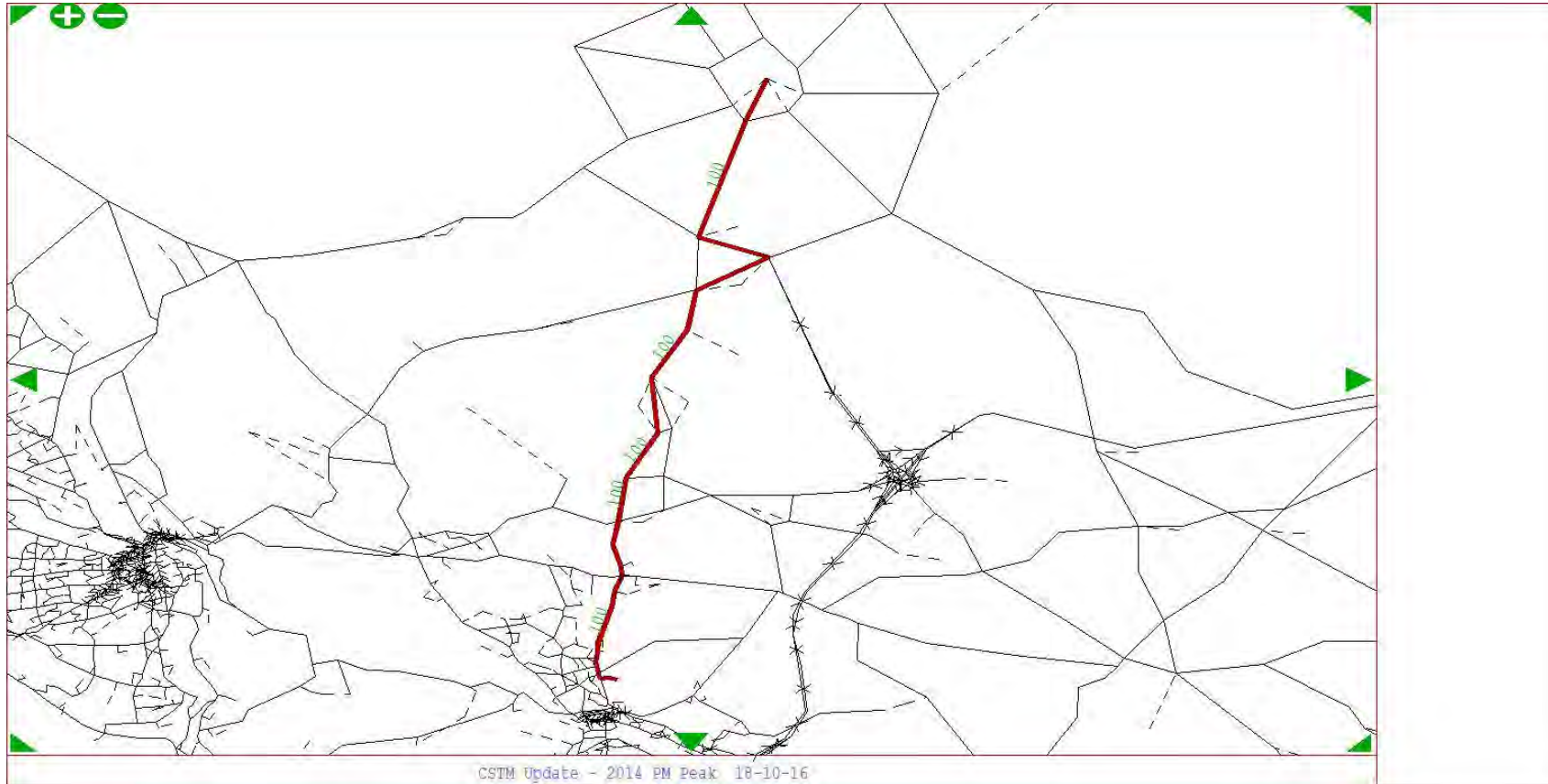


From Zone 171 To Zone 32 - User Class 2

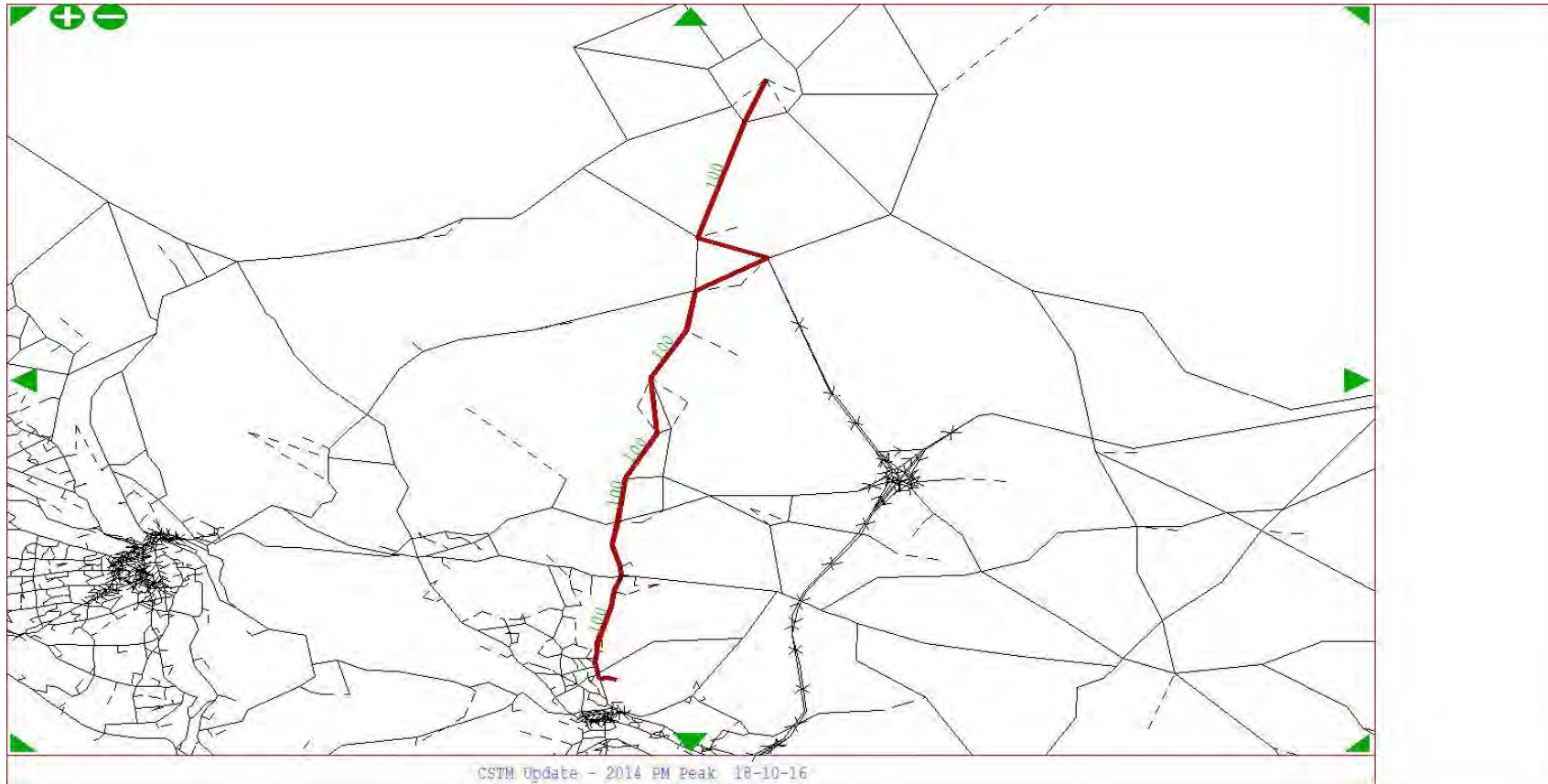








From Zone 171 To Zone 32 - User Class 5

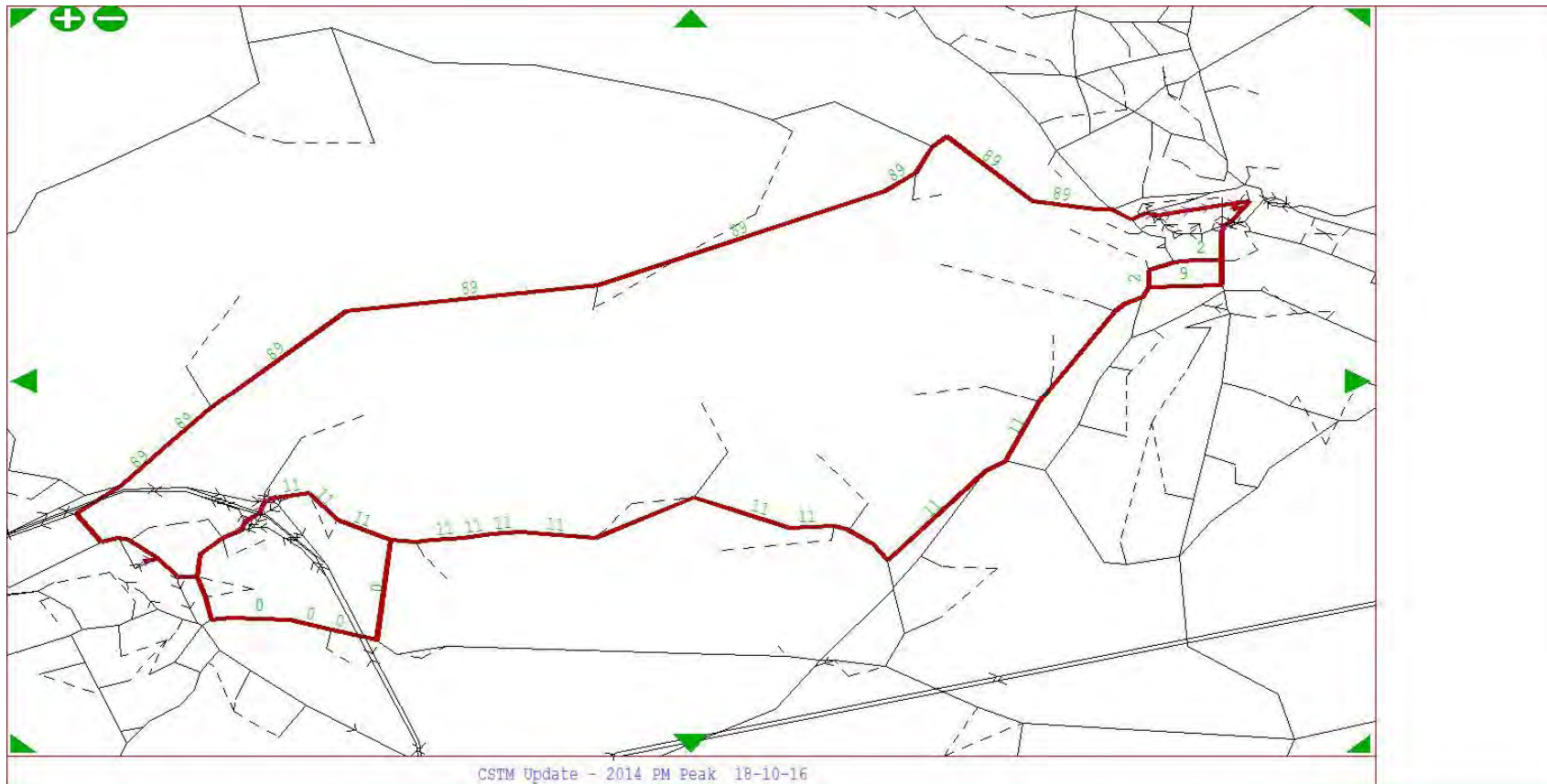


CSTM Update - 2014 PM Peak 18-10-16

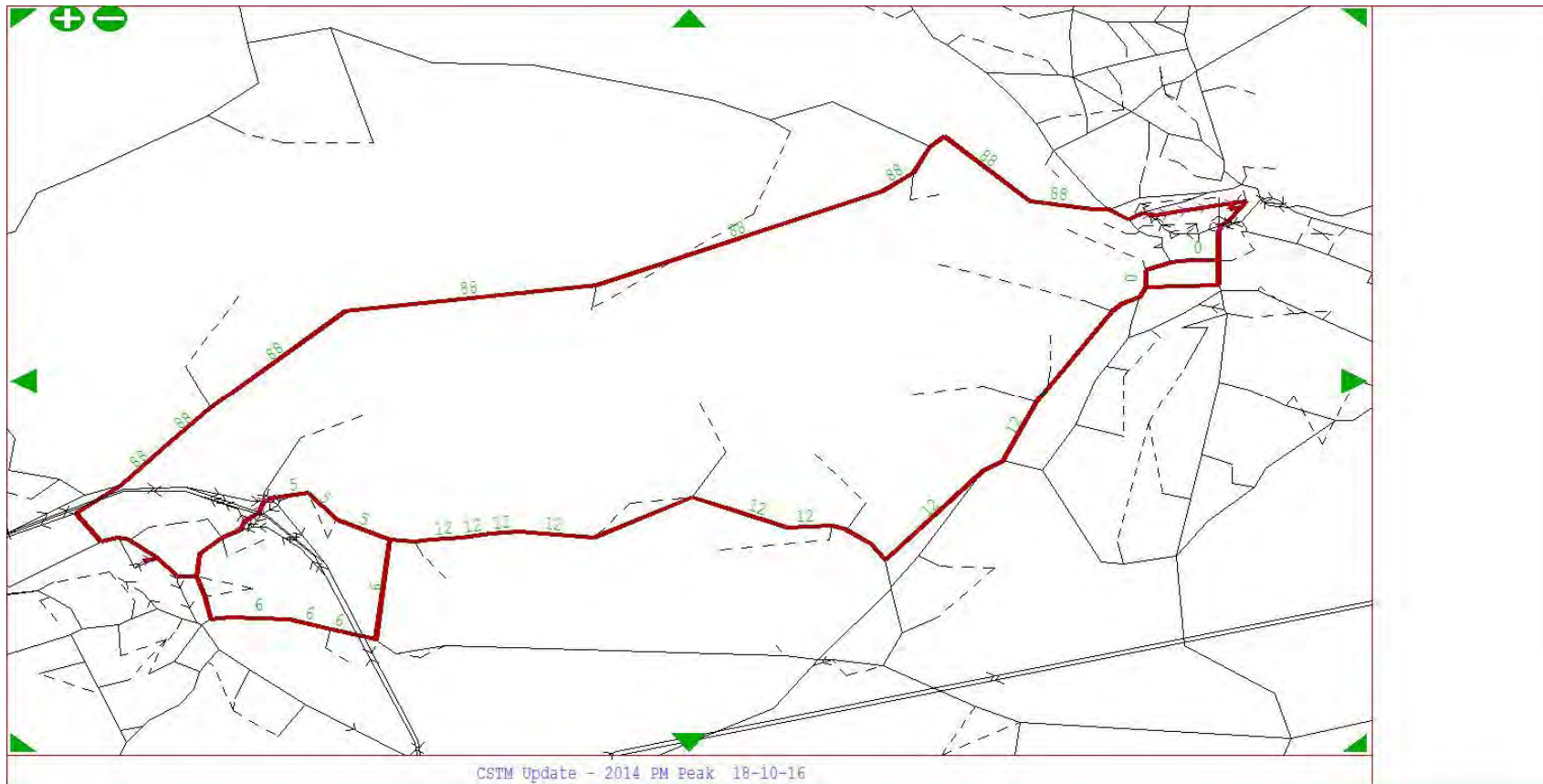


# Elland to Brighouse

From Zone 480 To Zone 458 - User Class 1



From Zone 480 To Zone 458 - User Class 2



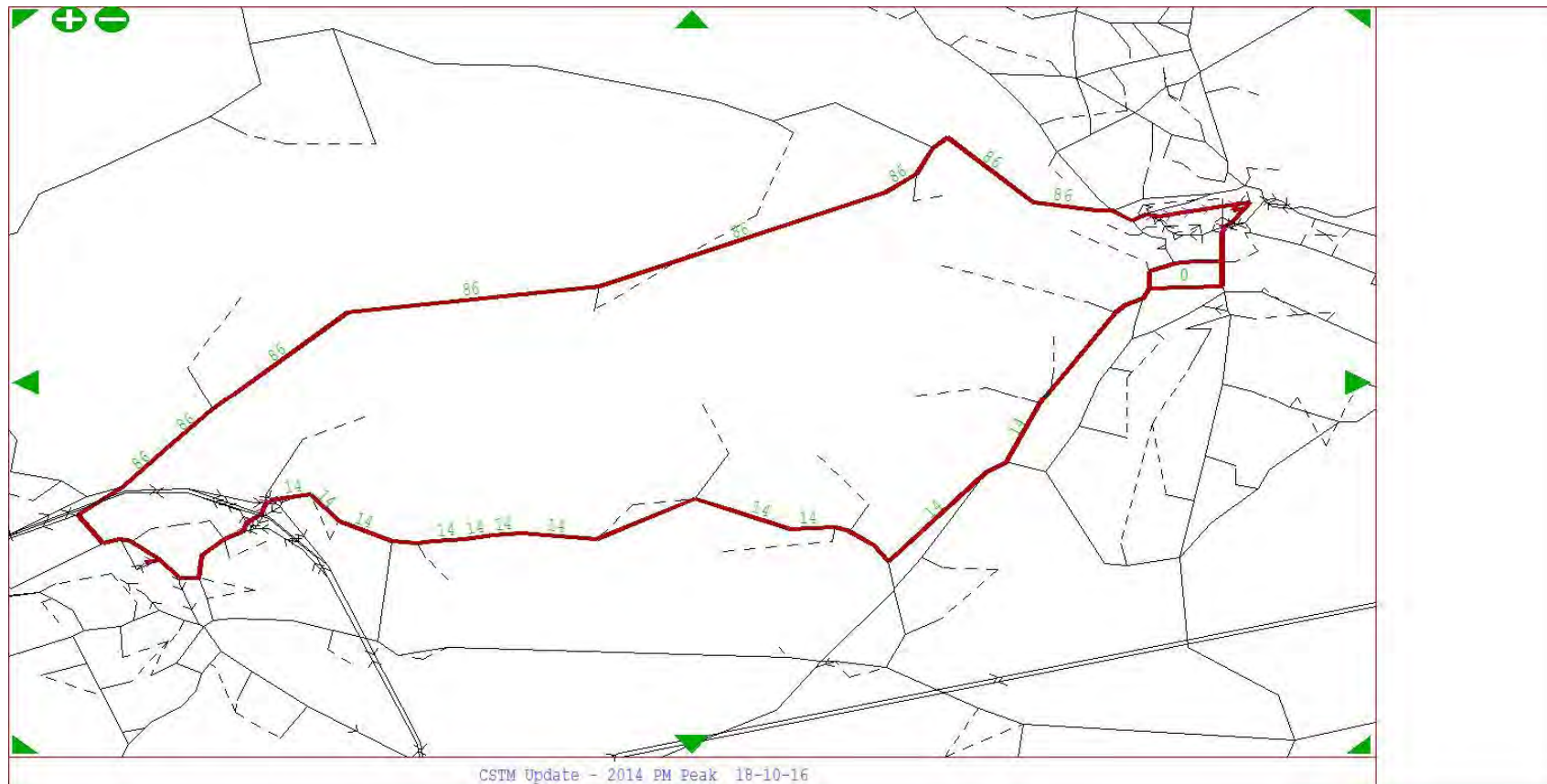
CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16



From Zone 480 To Zone 458 - User Class 5

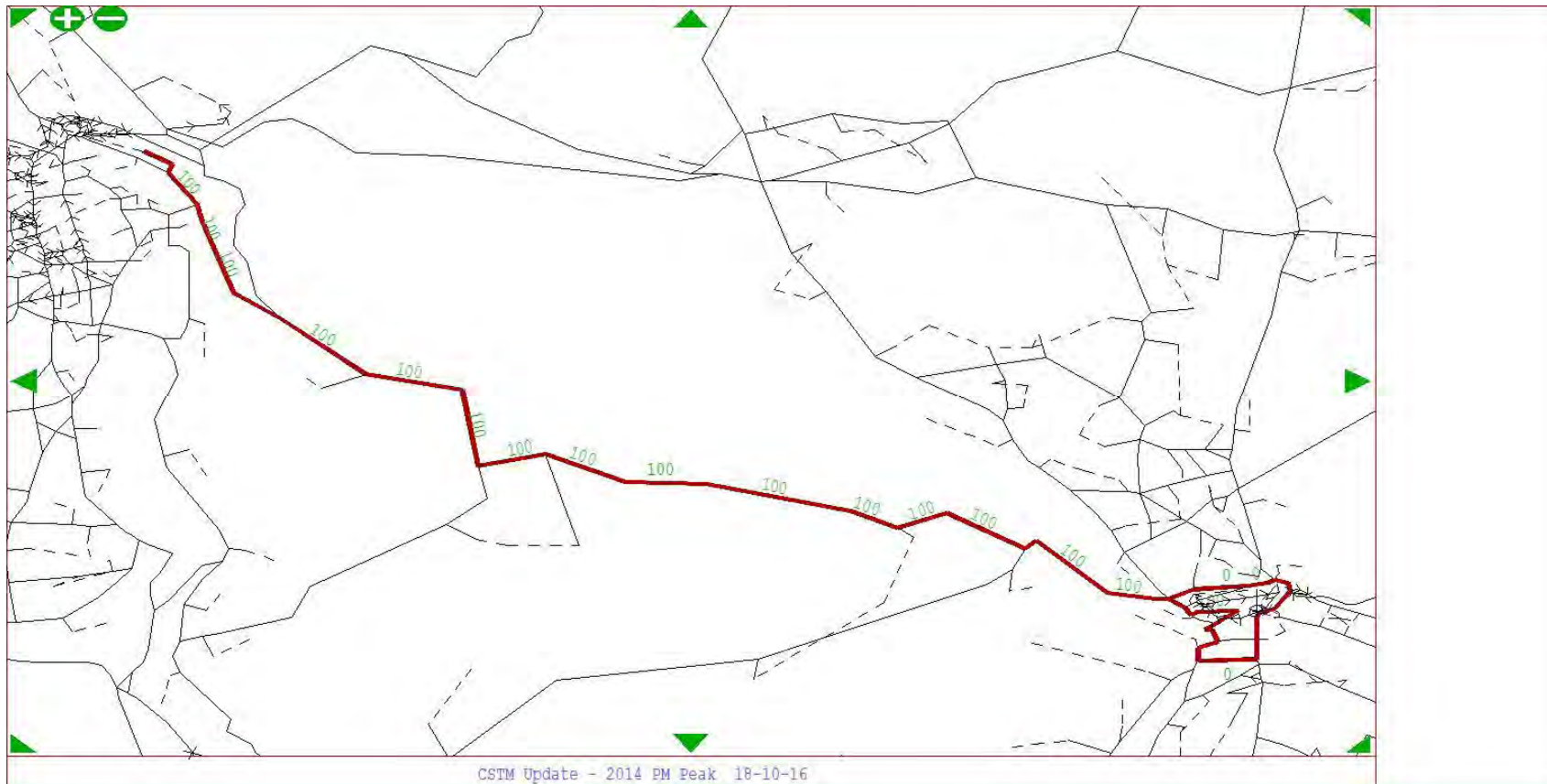


CSTM Update - 2014 PM Peak 18-10-16

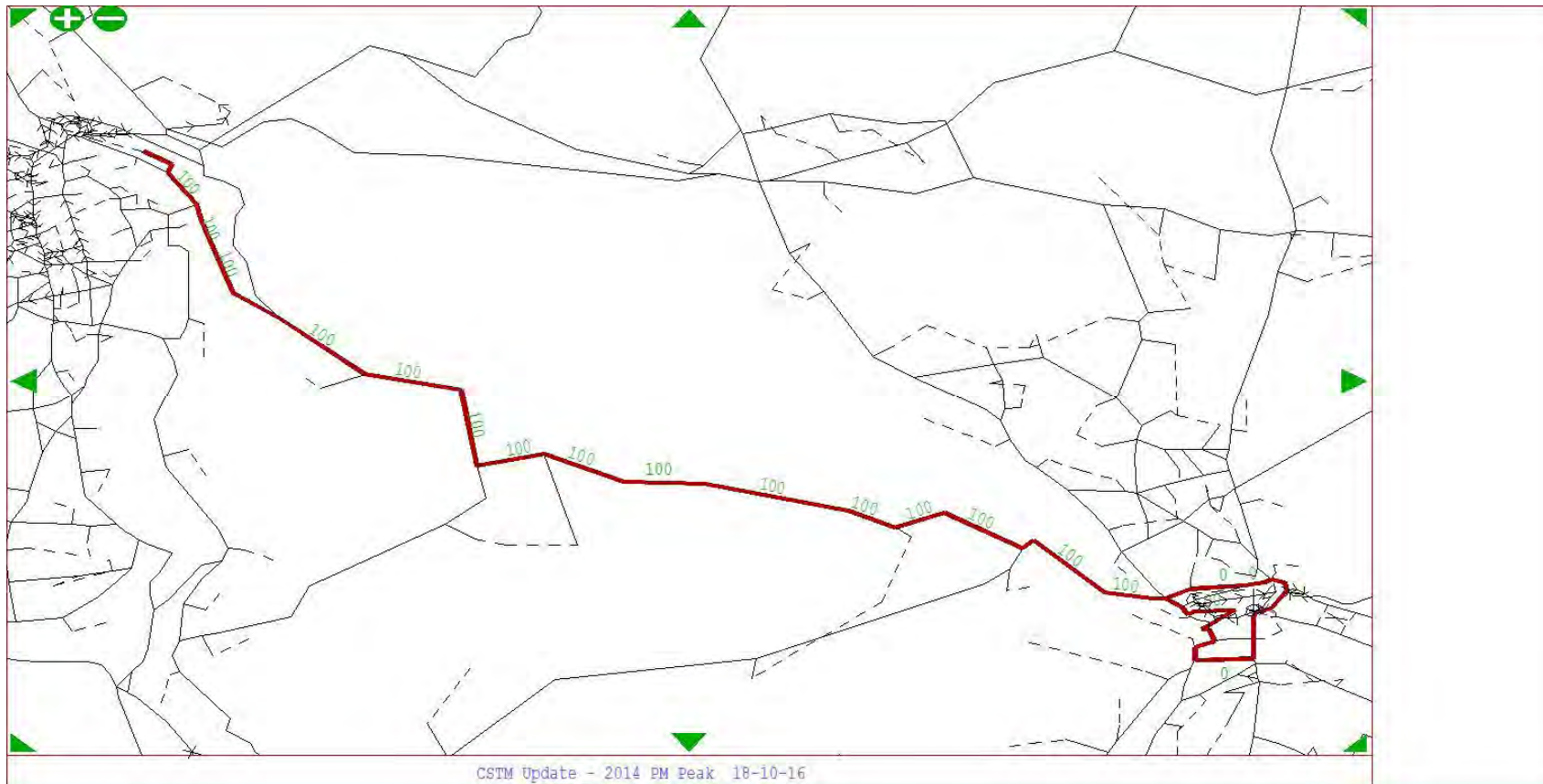
CSTM Update - 2014 PM Peak 18-10-16

# Halifax Town Centre to Brighthouse

From Zone 109 To Zone 158 - User Class 1

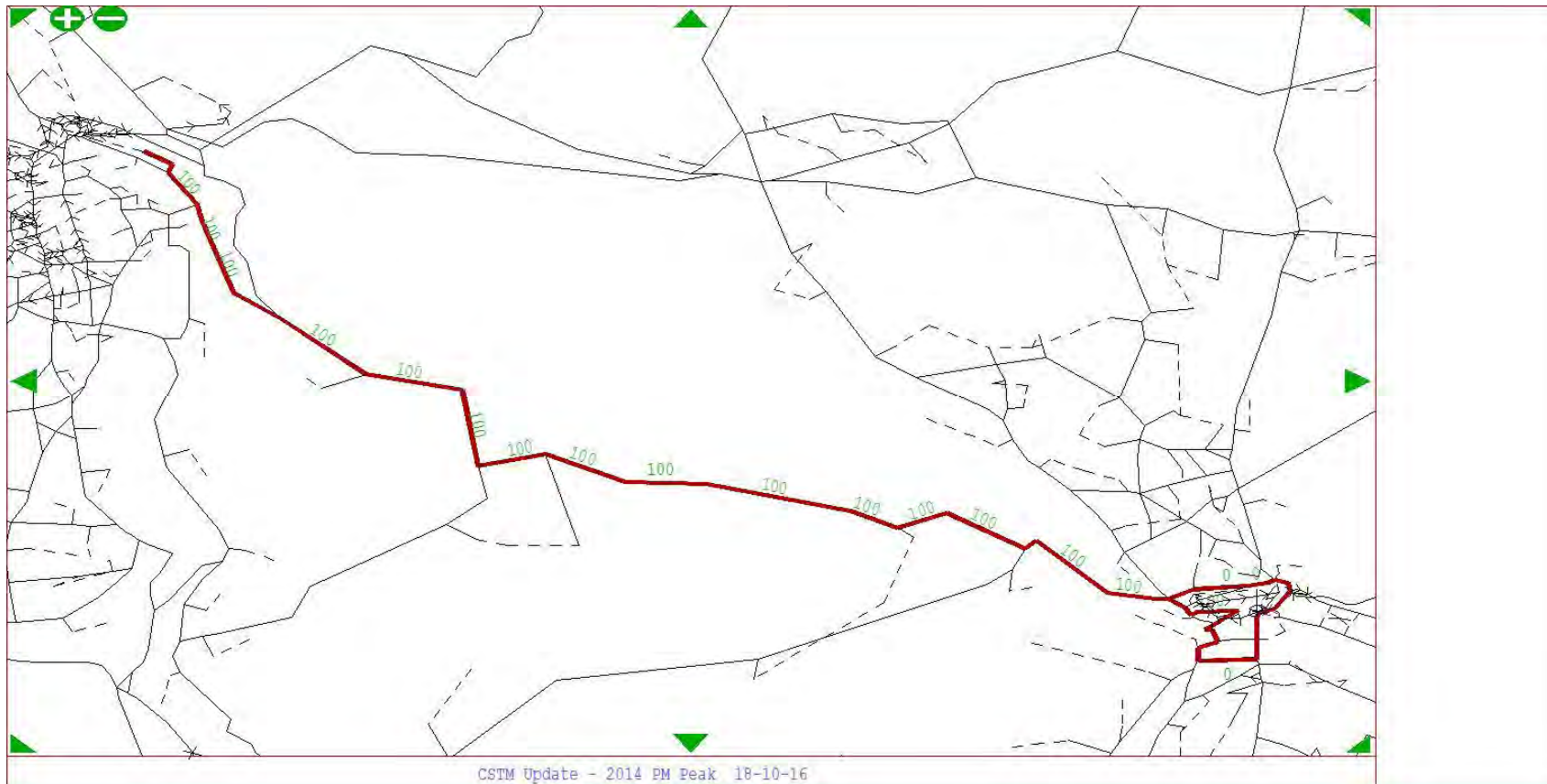


From Zone 109 To Zone 158 - User Class 2

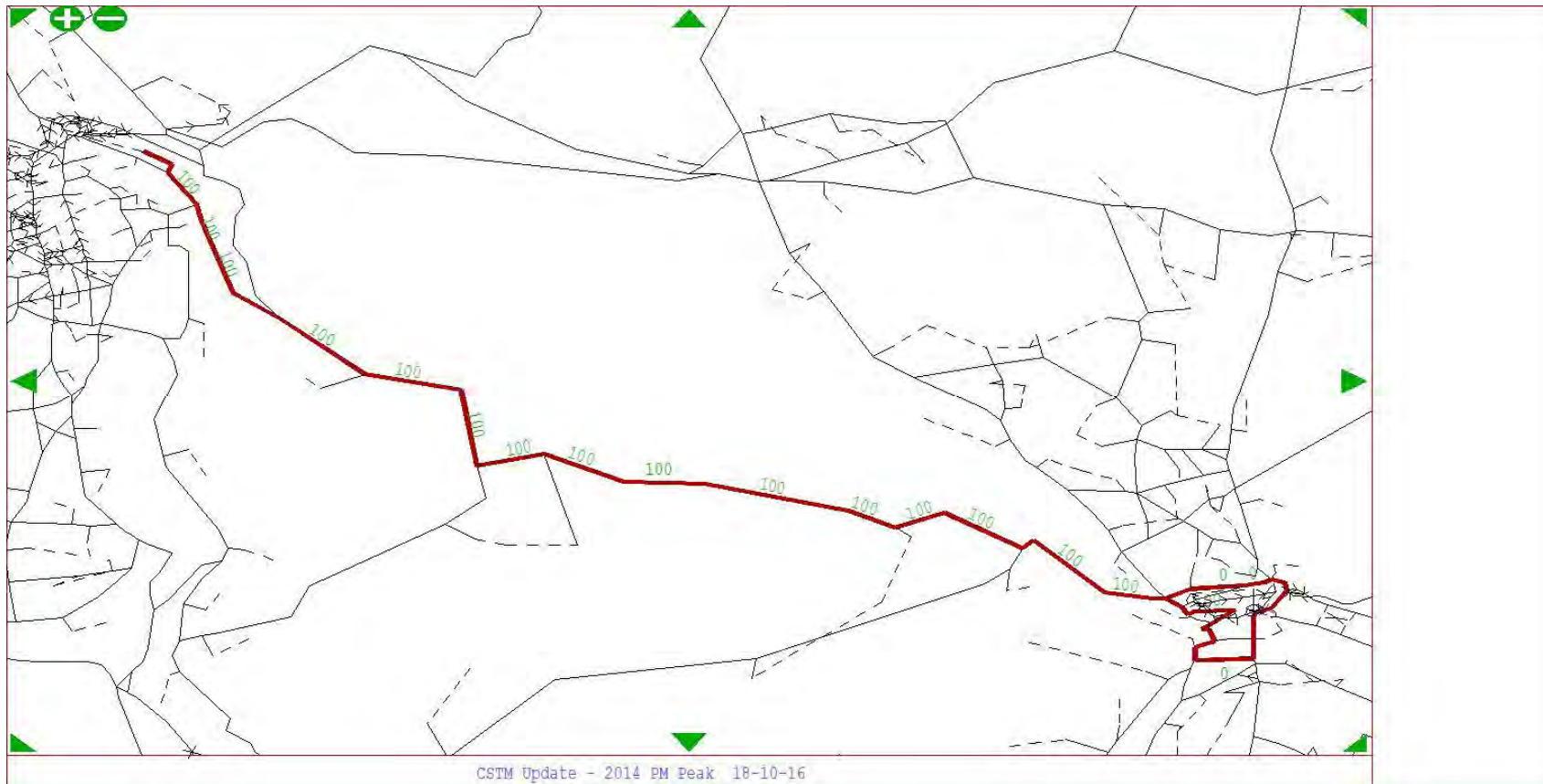




From Zone 109 To Zone 158 - User Class 3

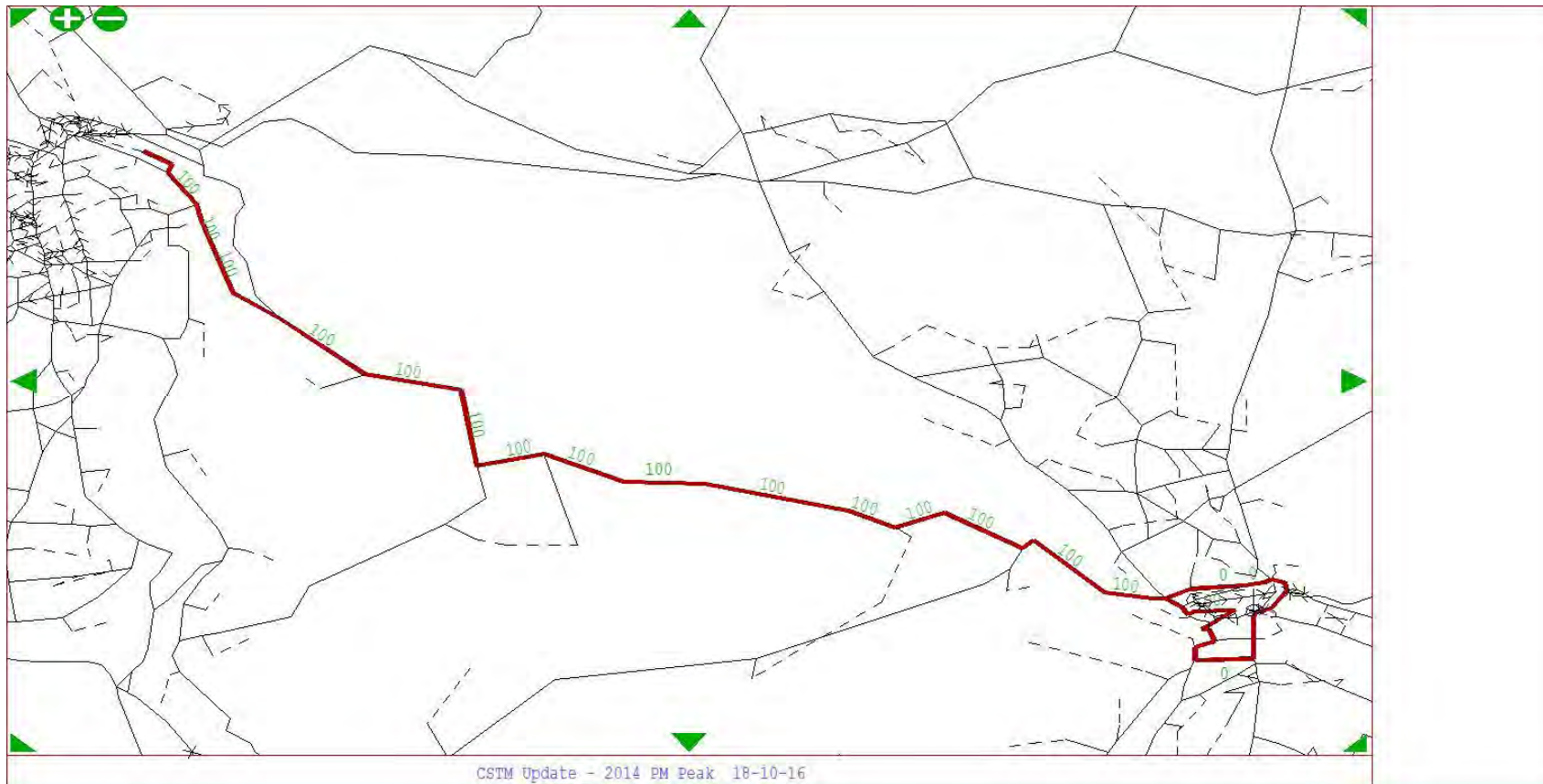


From Zone 109 To Zone 158 - User Class 4



CSTM Update - 2014 PM Peak 18-10-16

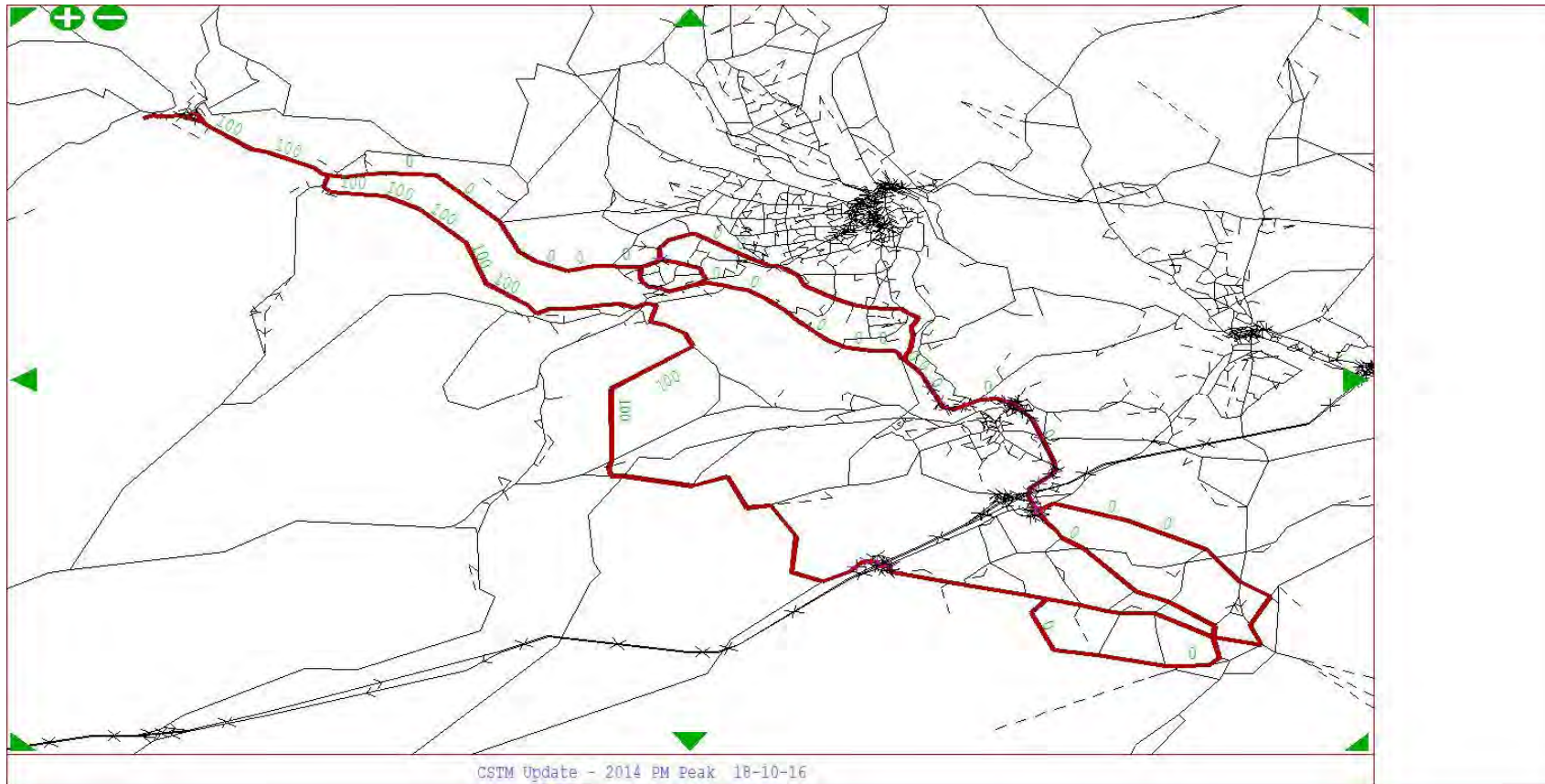
From Zone 109 To Zone 158 - User Class 6



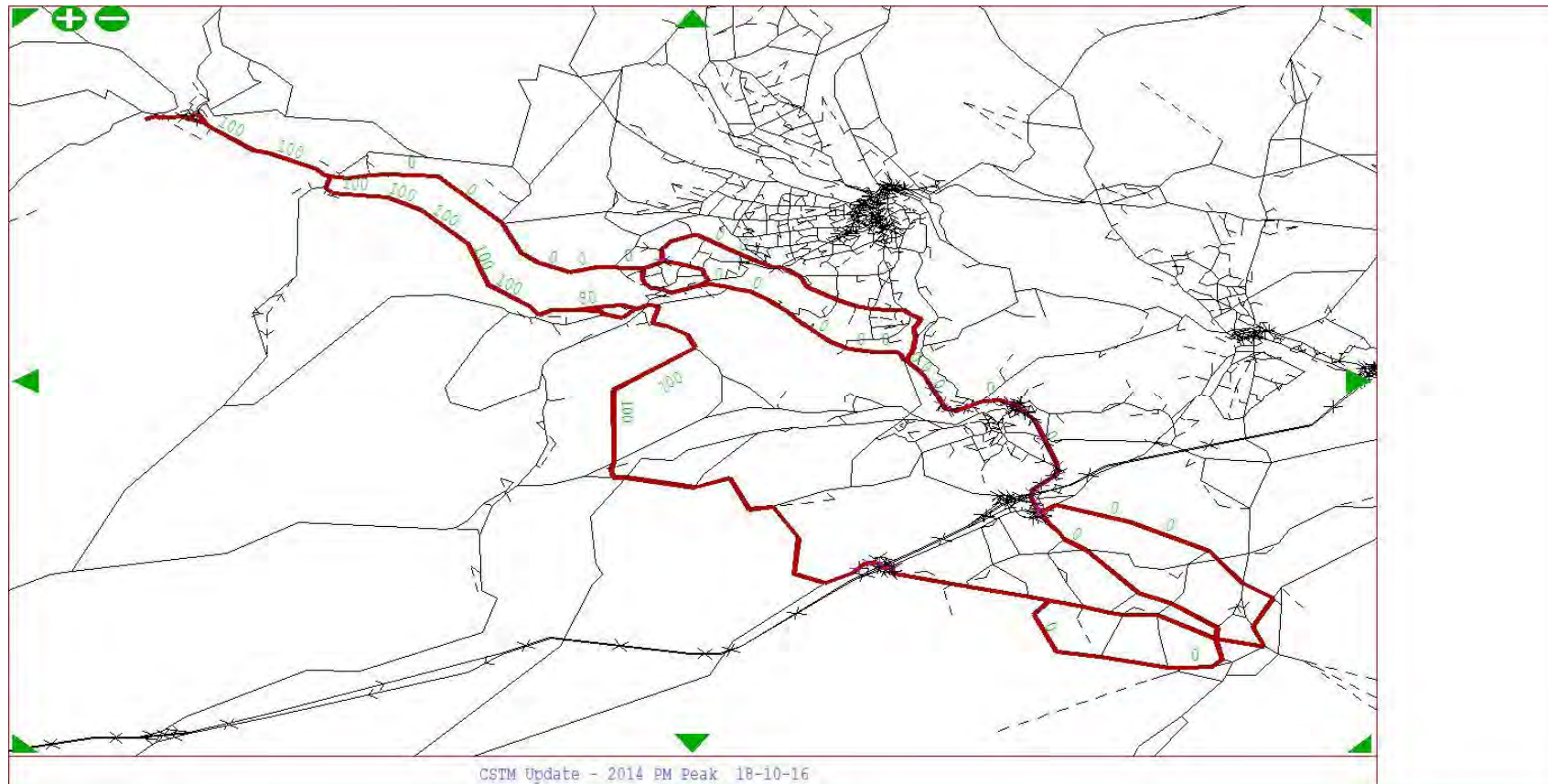


## Hebden Bridge to Huddersfield

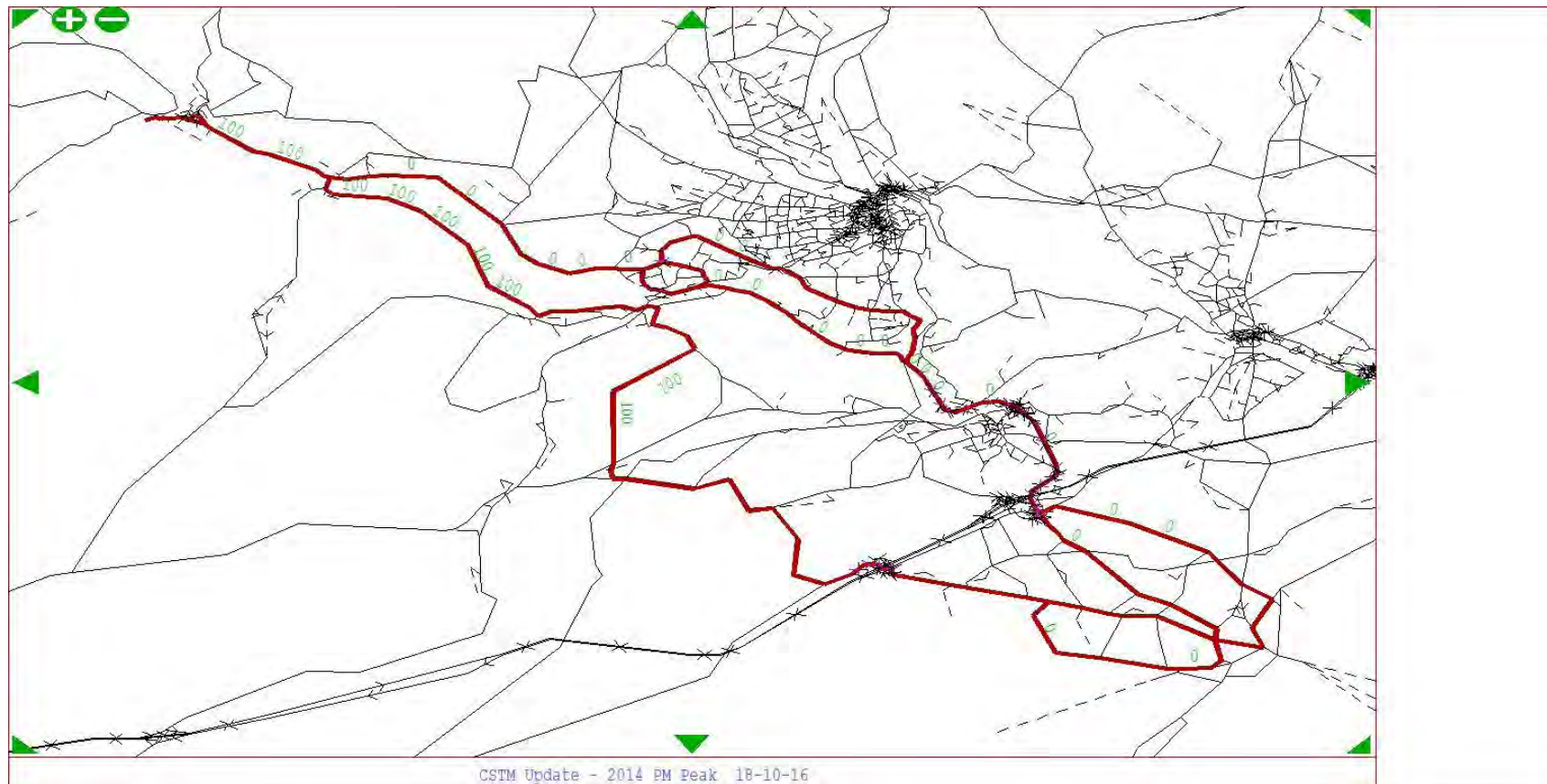
From Zone 192 To Zone 909 - User Class 1



From Zone 192 To Zone 909 - User Class 2

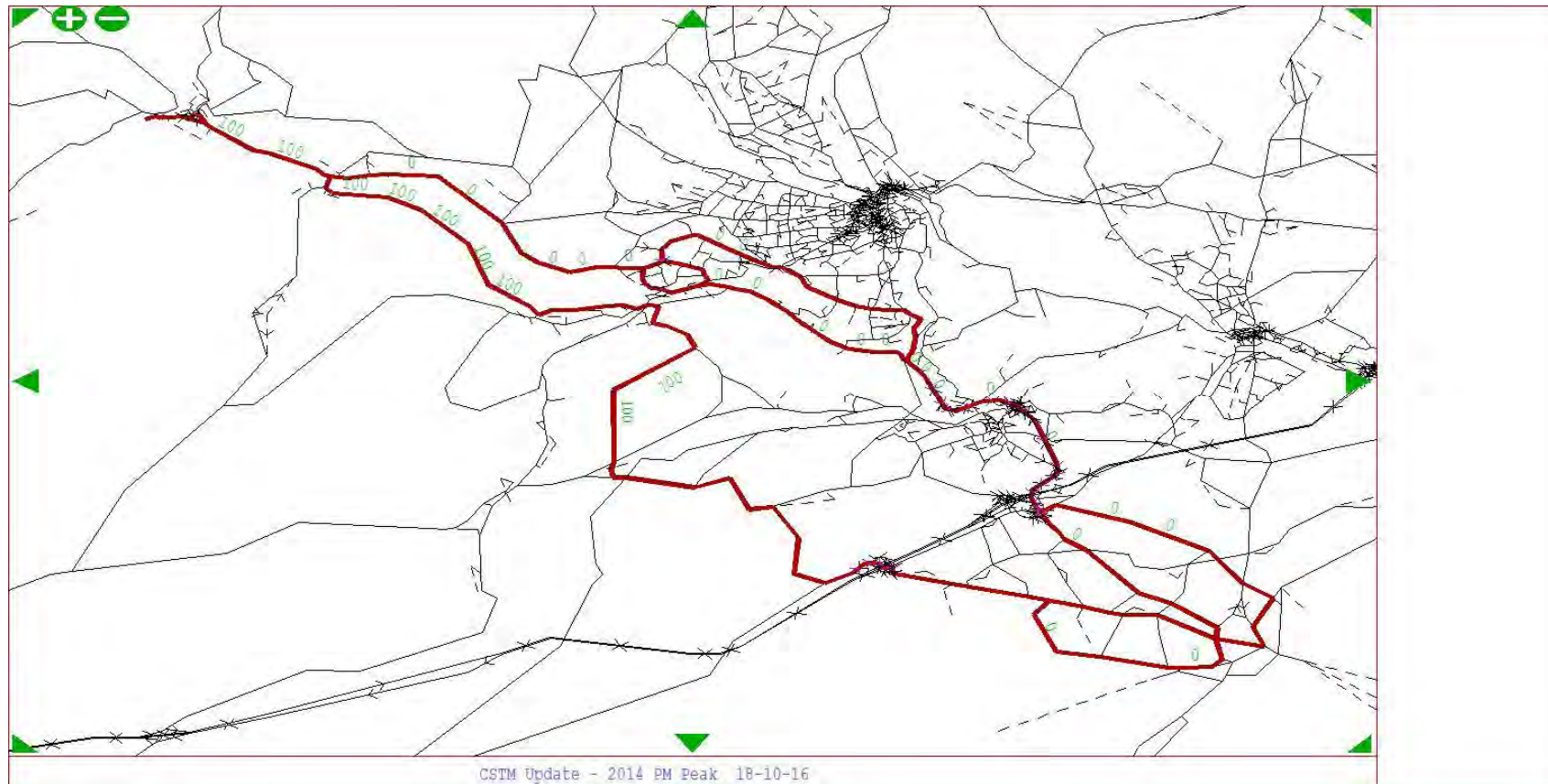


From Zone 192 To Zone 909 - User Class 3



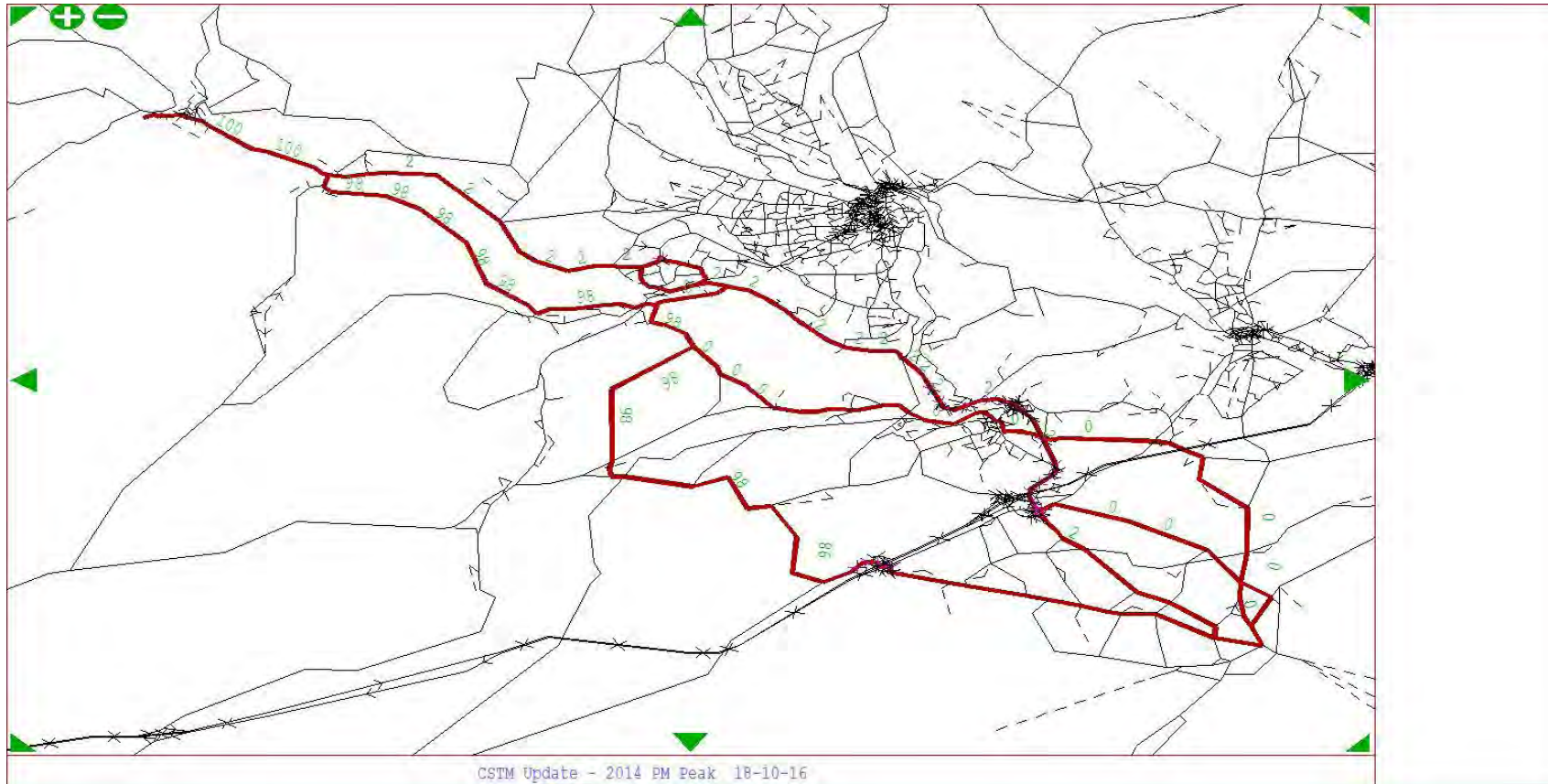


From Zone 192 To Zone 909 - User Class 4

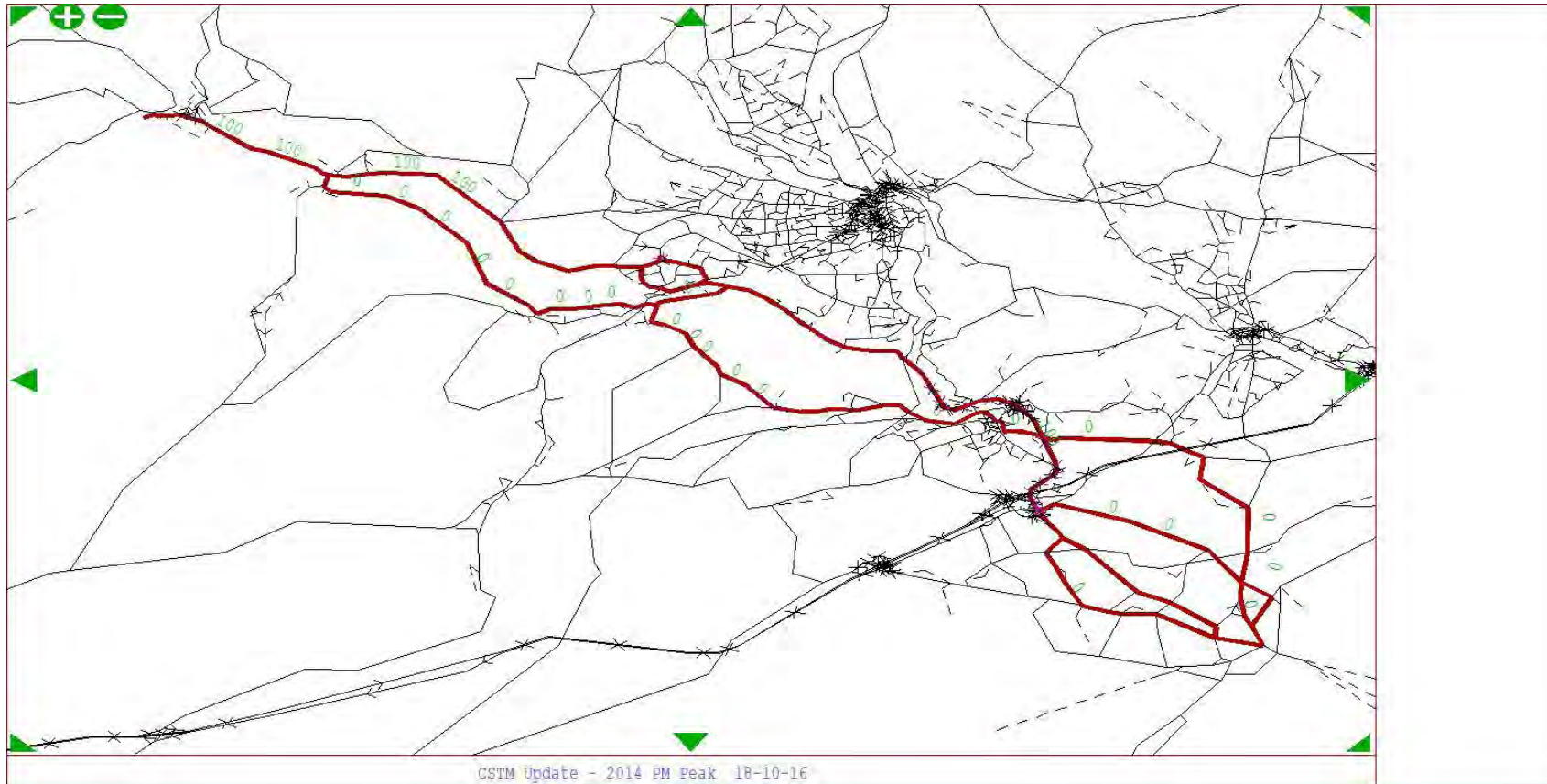




From Zone 192 To Zone 909 - User Class 5

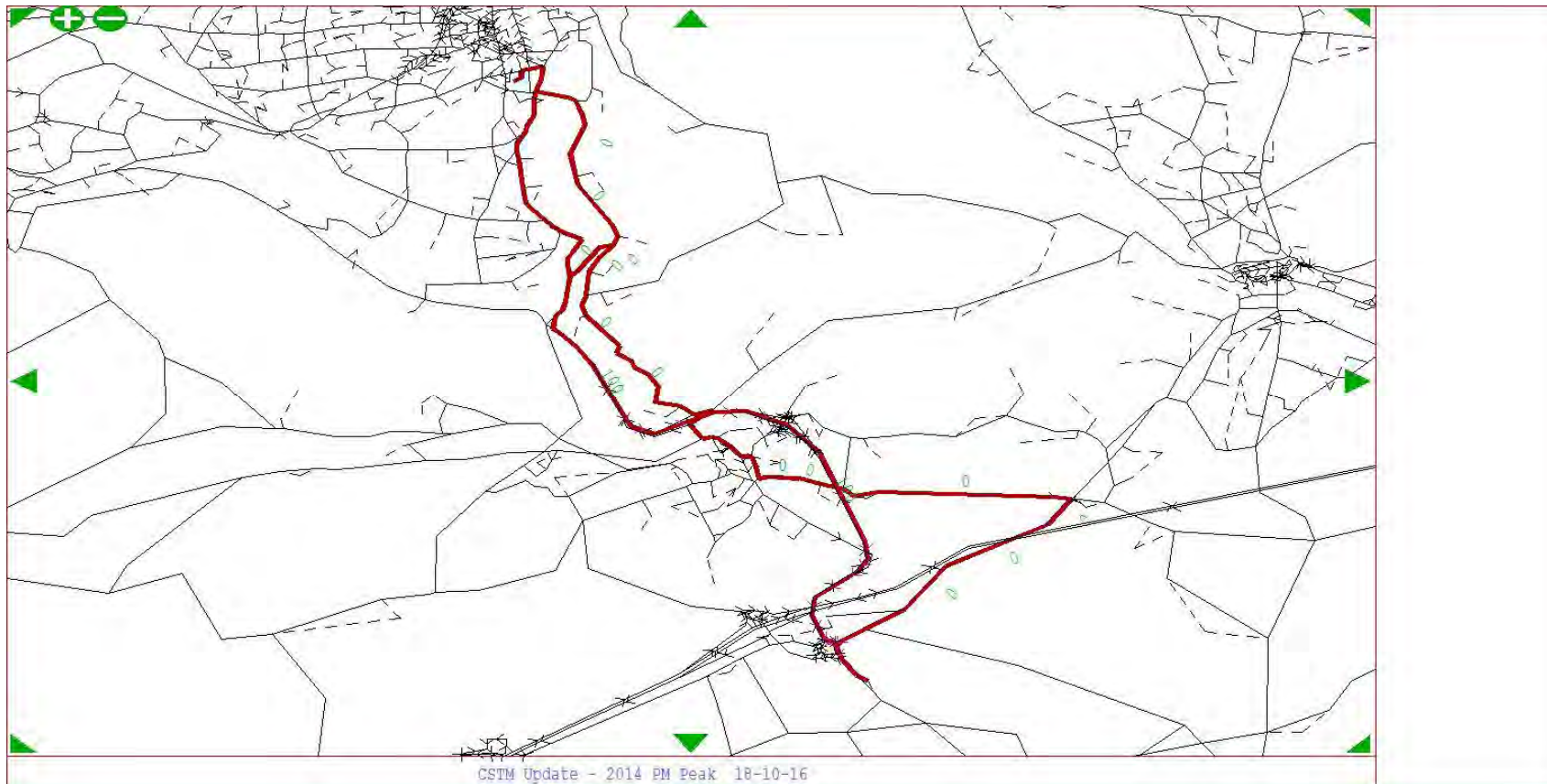


From Zone 192 To Zone 909 - User Class 6



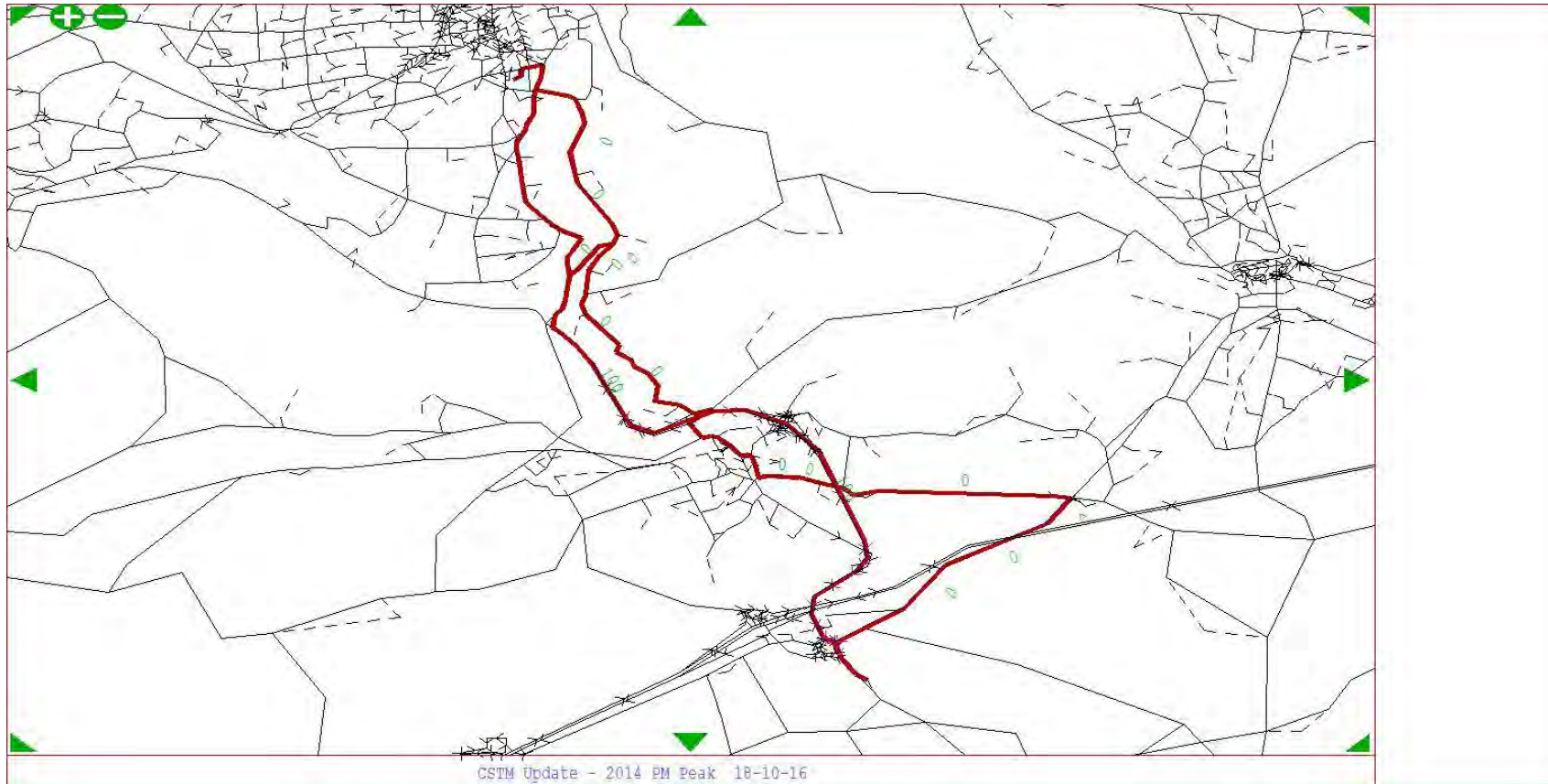
## Halifax Town Centre to Ainley Top (Junction 24 M62)

From Zone 412 To Zone 917 - User Class 1



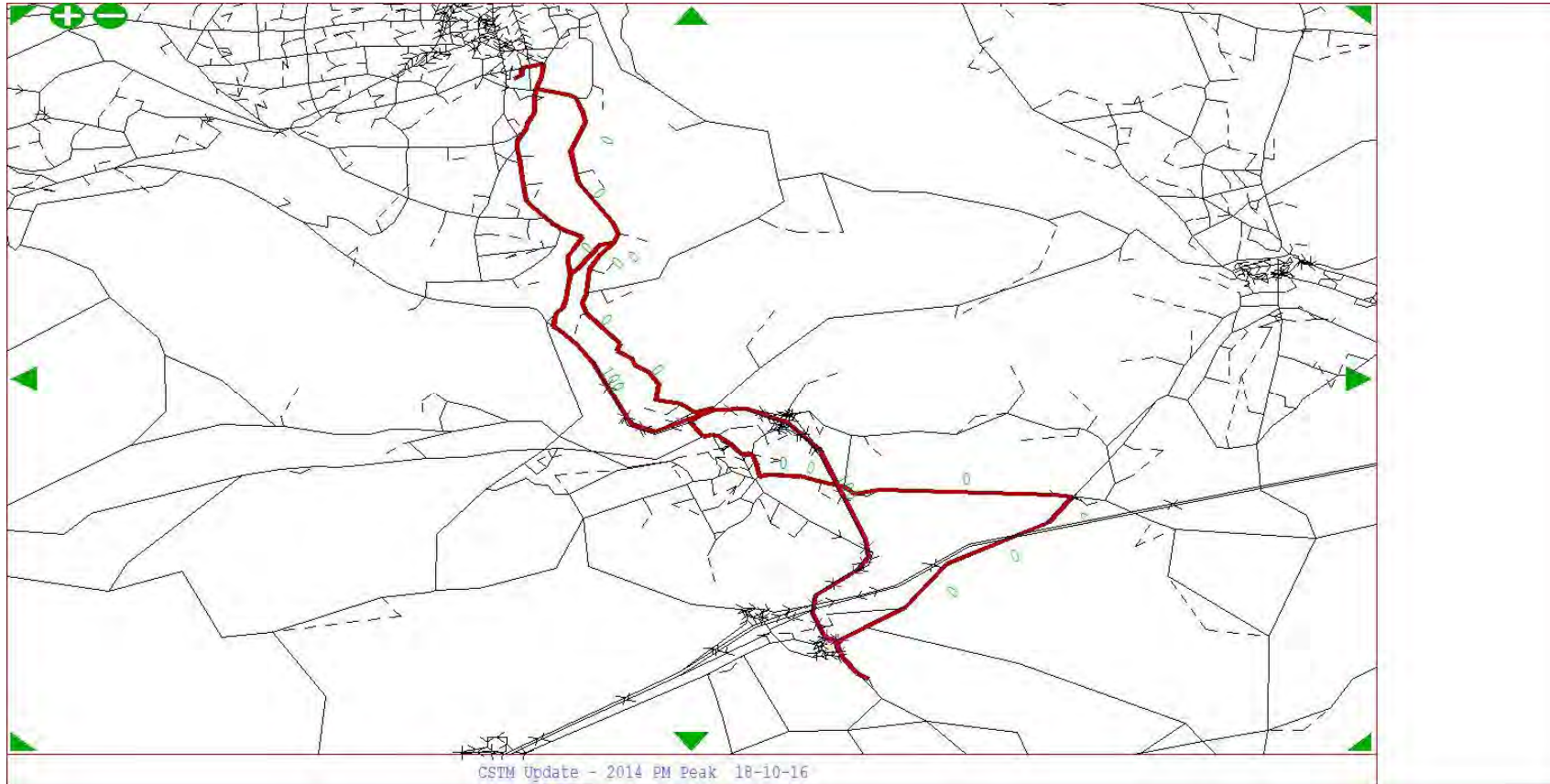


From Zone 412 To Zone 917 - User Class 2

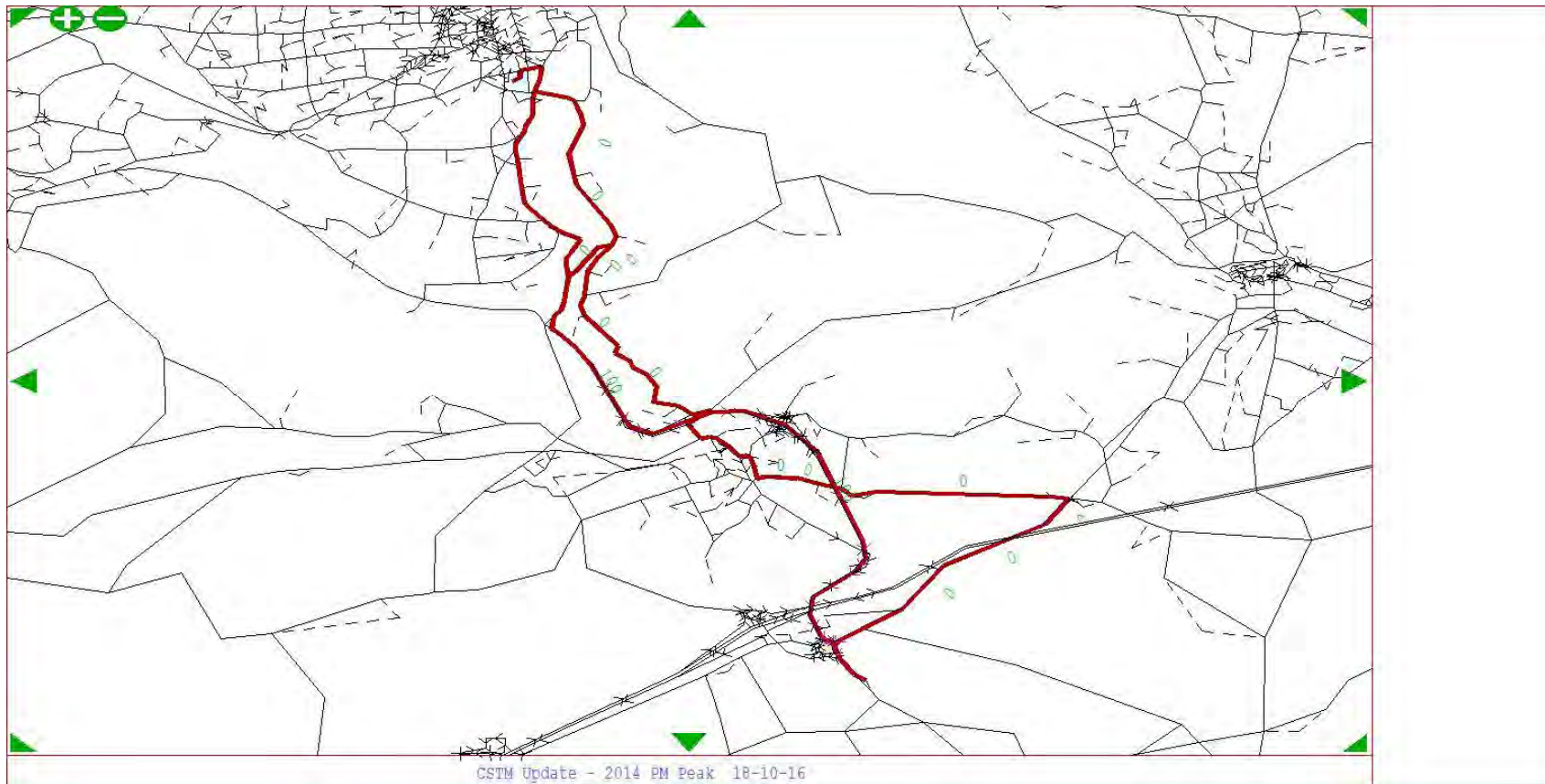




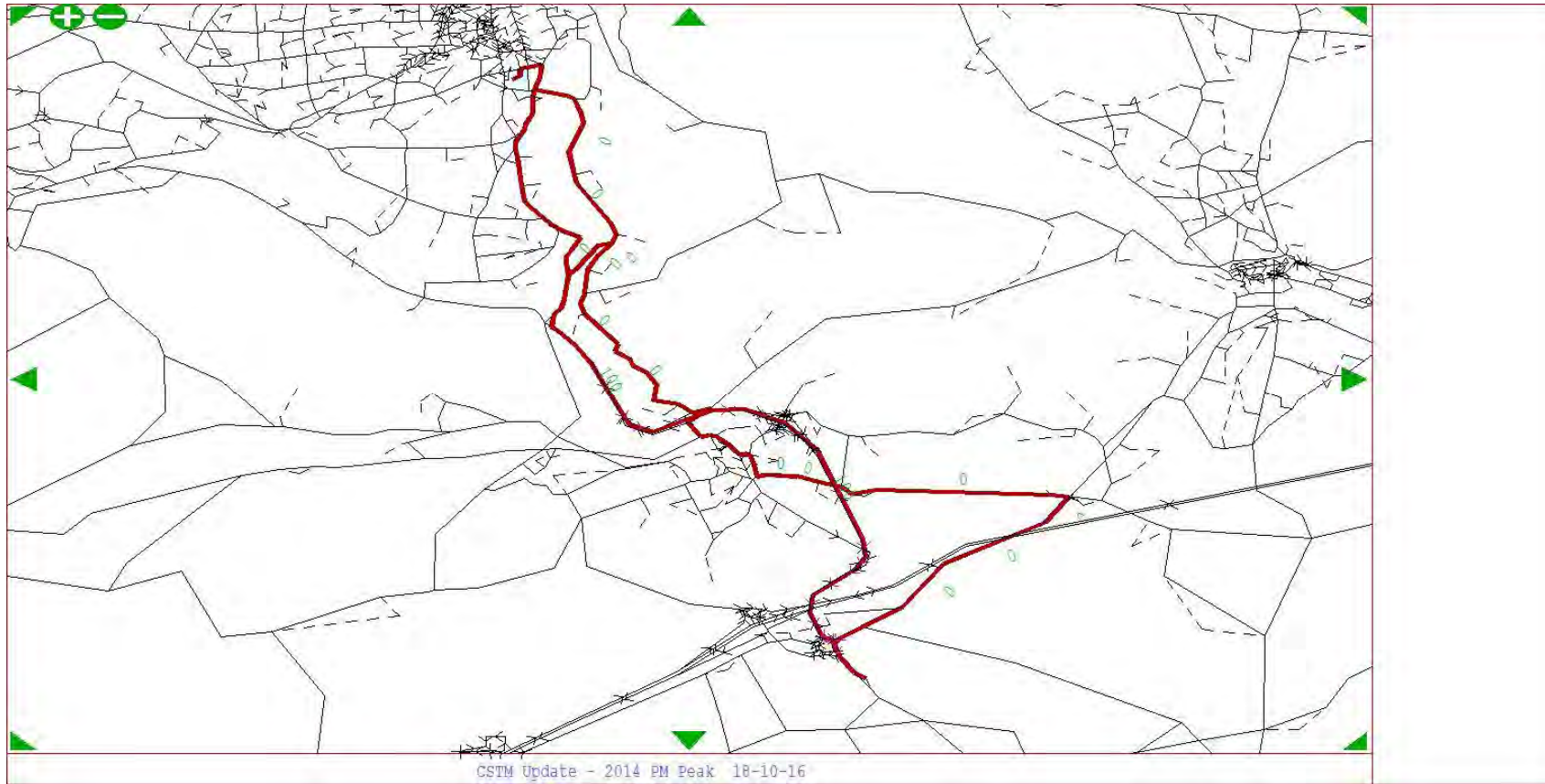
From Zone 412 To Zone 917 - User Class 3



From Zone 412 To Zone 917 - User Class 4

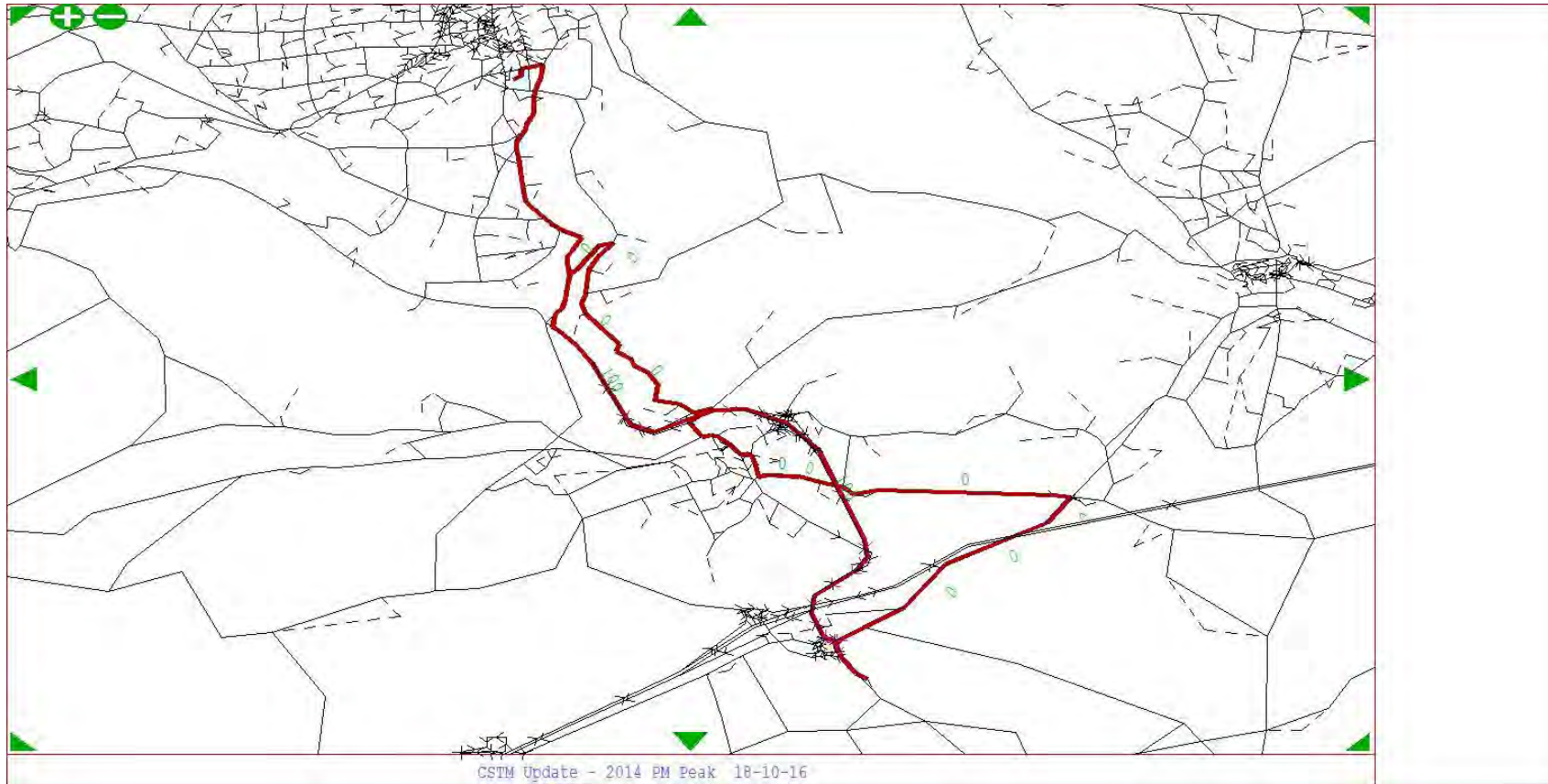


From Zone 412 To Zone 917 - User Class 5





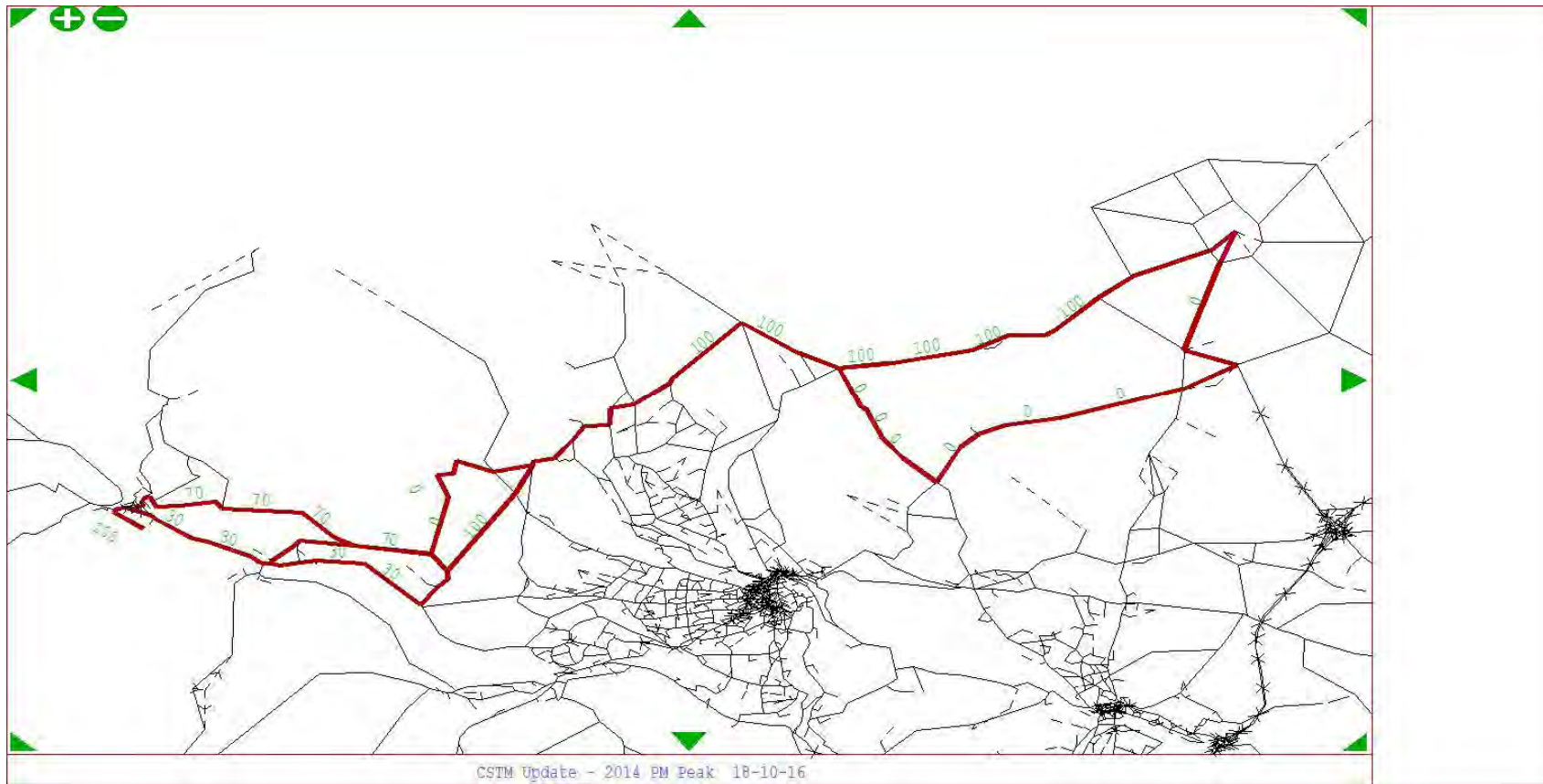
From Zone 412 To Zone 917 - User Class 6

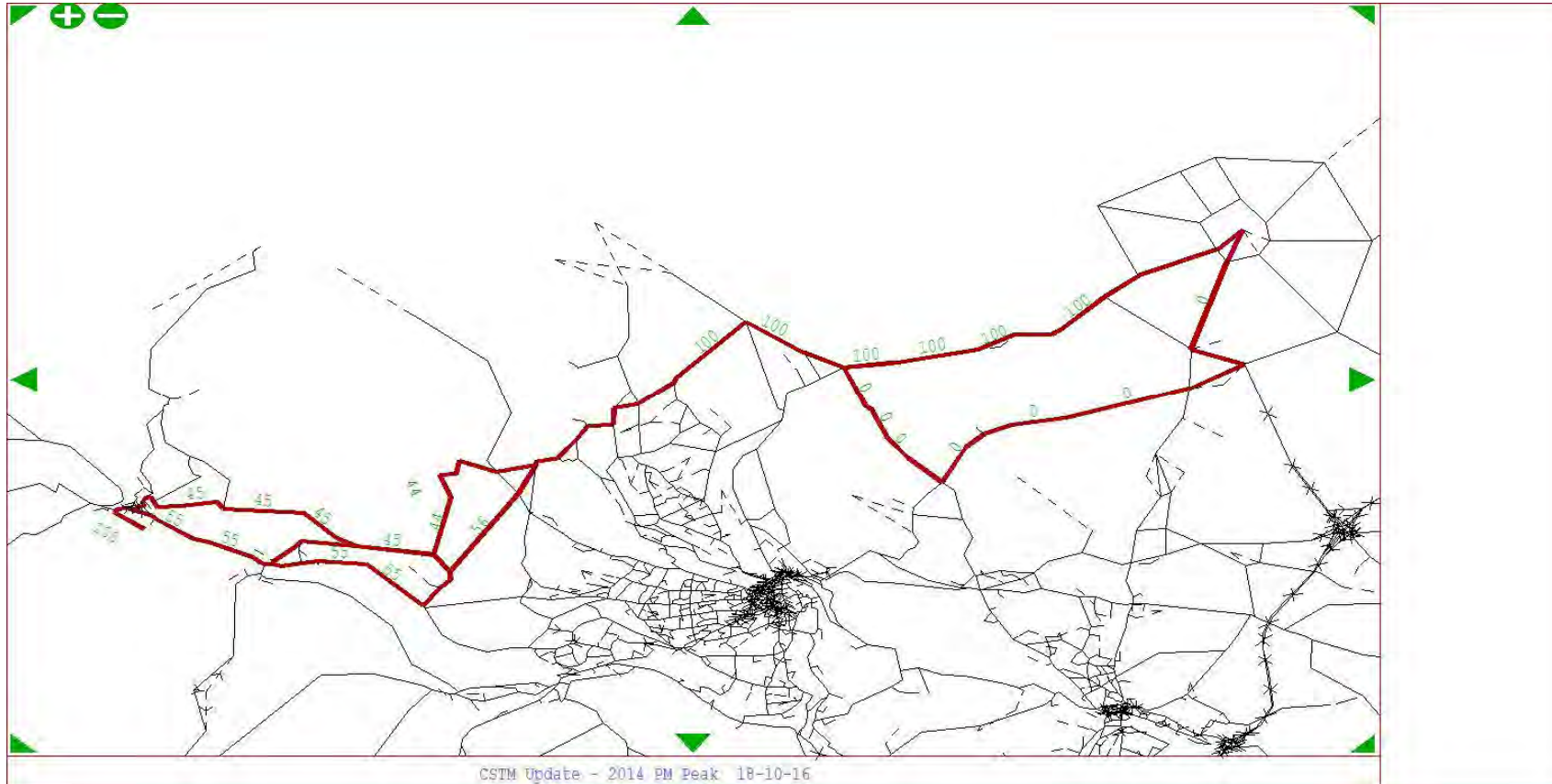


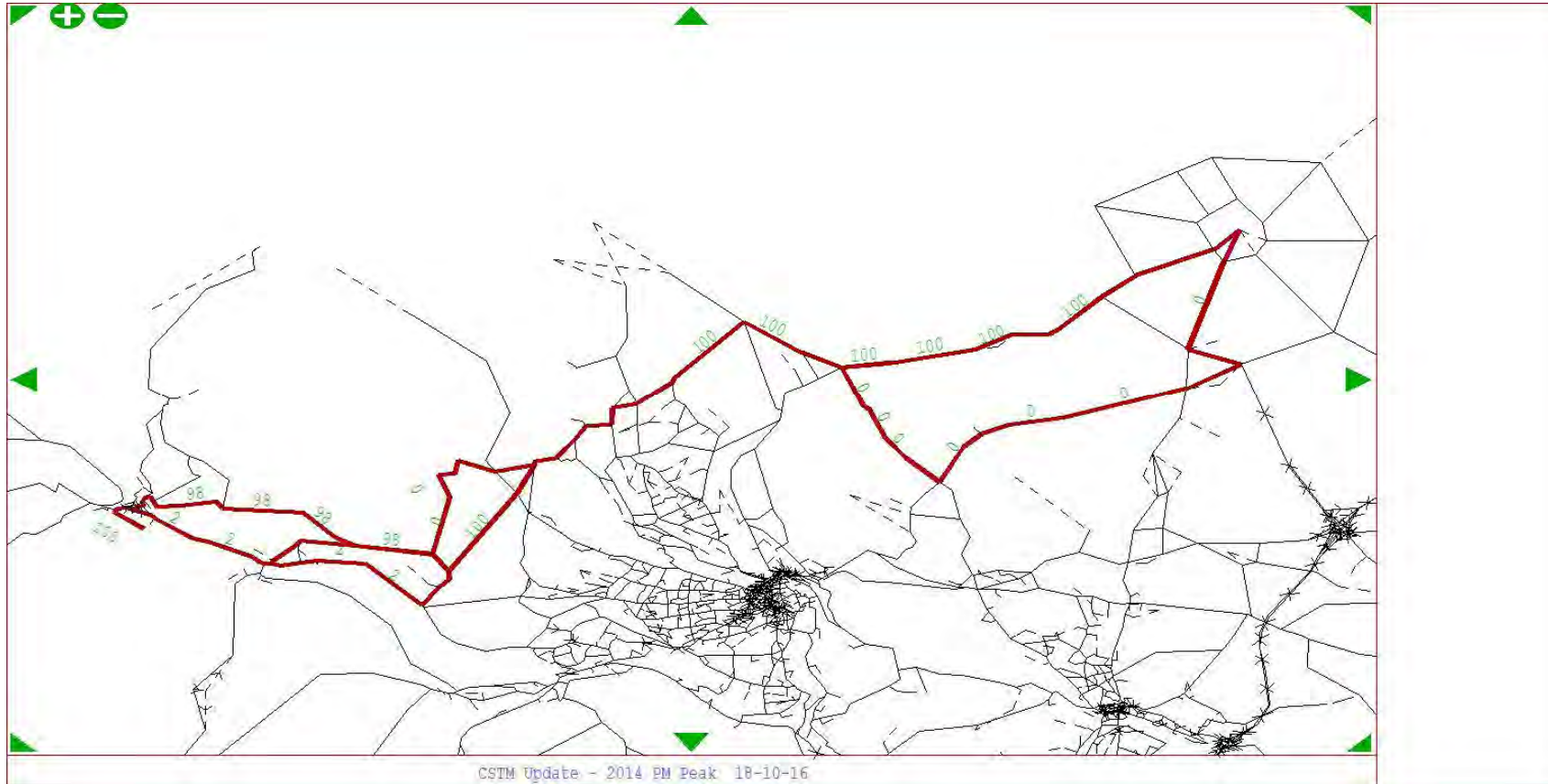


From Zone 194 To Zone 32 - User Class 1

From Zone 194 To Zone 32 - User Class 1





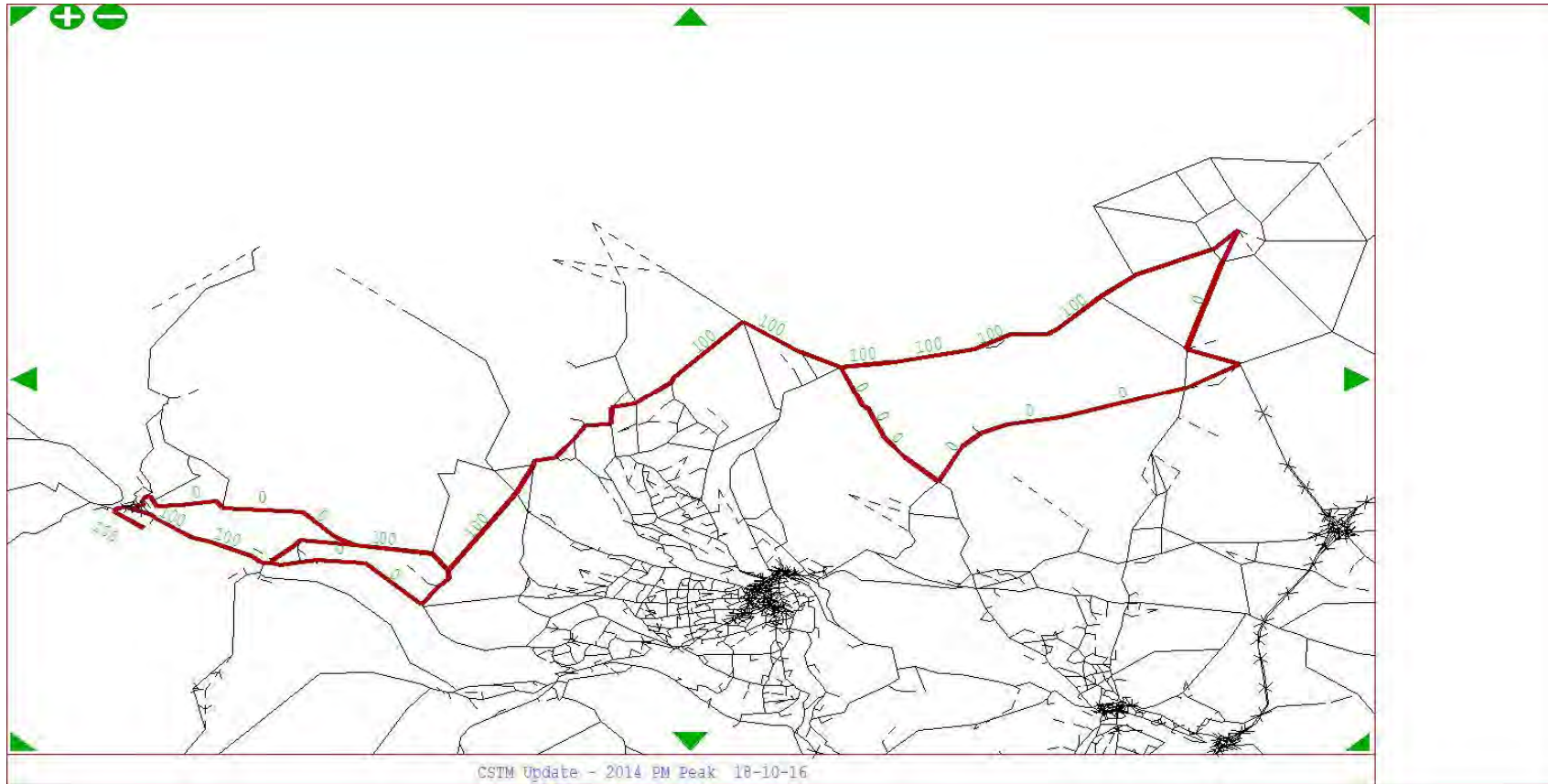


CSTM Update - 2014 PM Peak 18-10-16

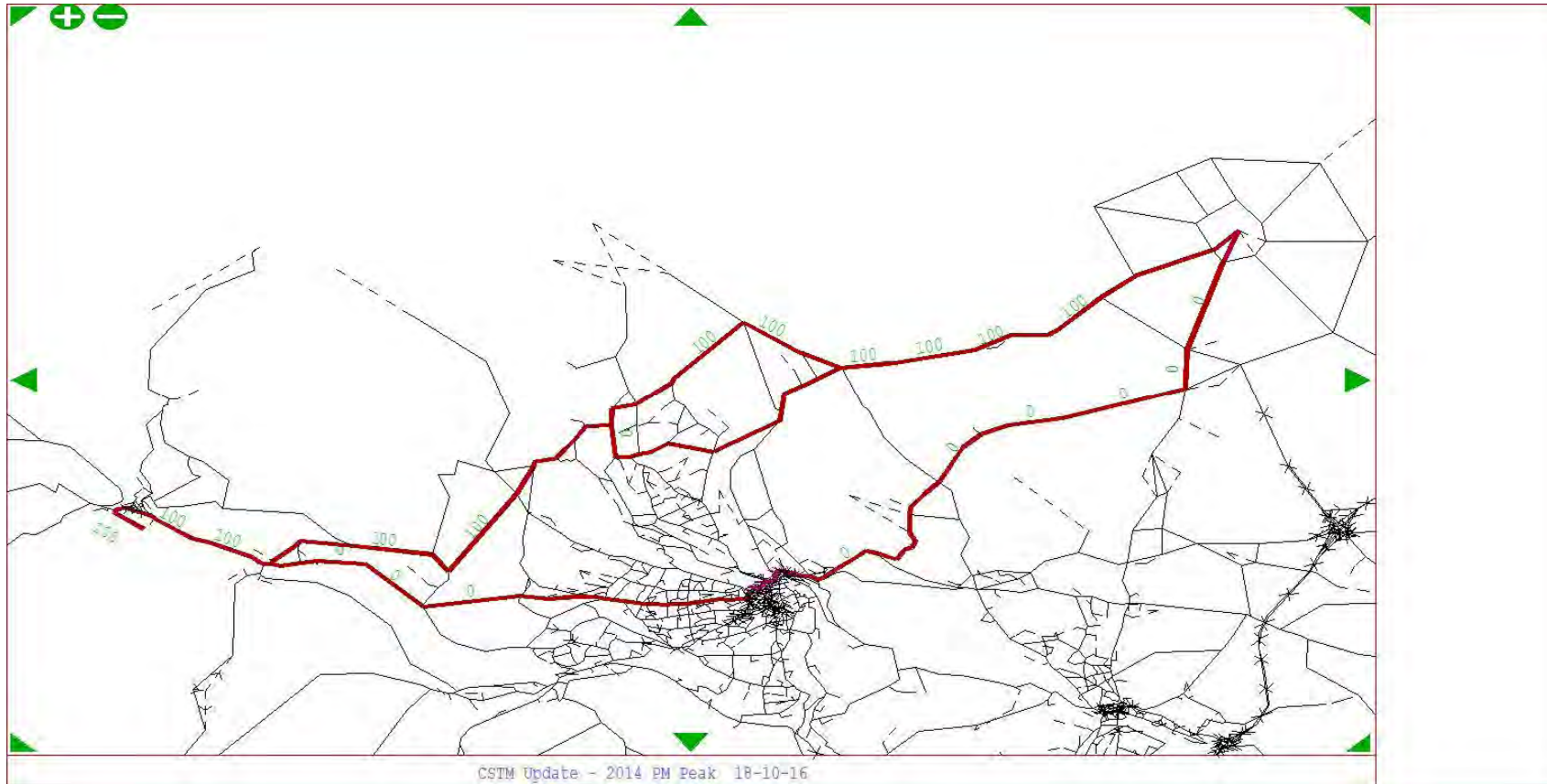
CSTM Update - 2014 PM Peak 18-10-16



From Zone 194 To Zone 32 - User Class 5

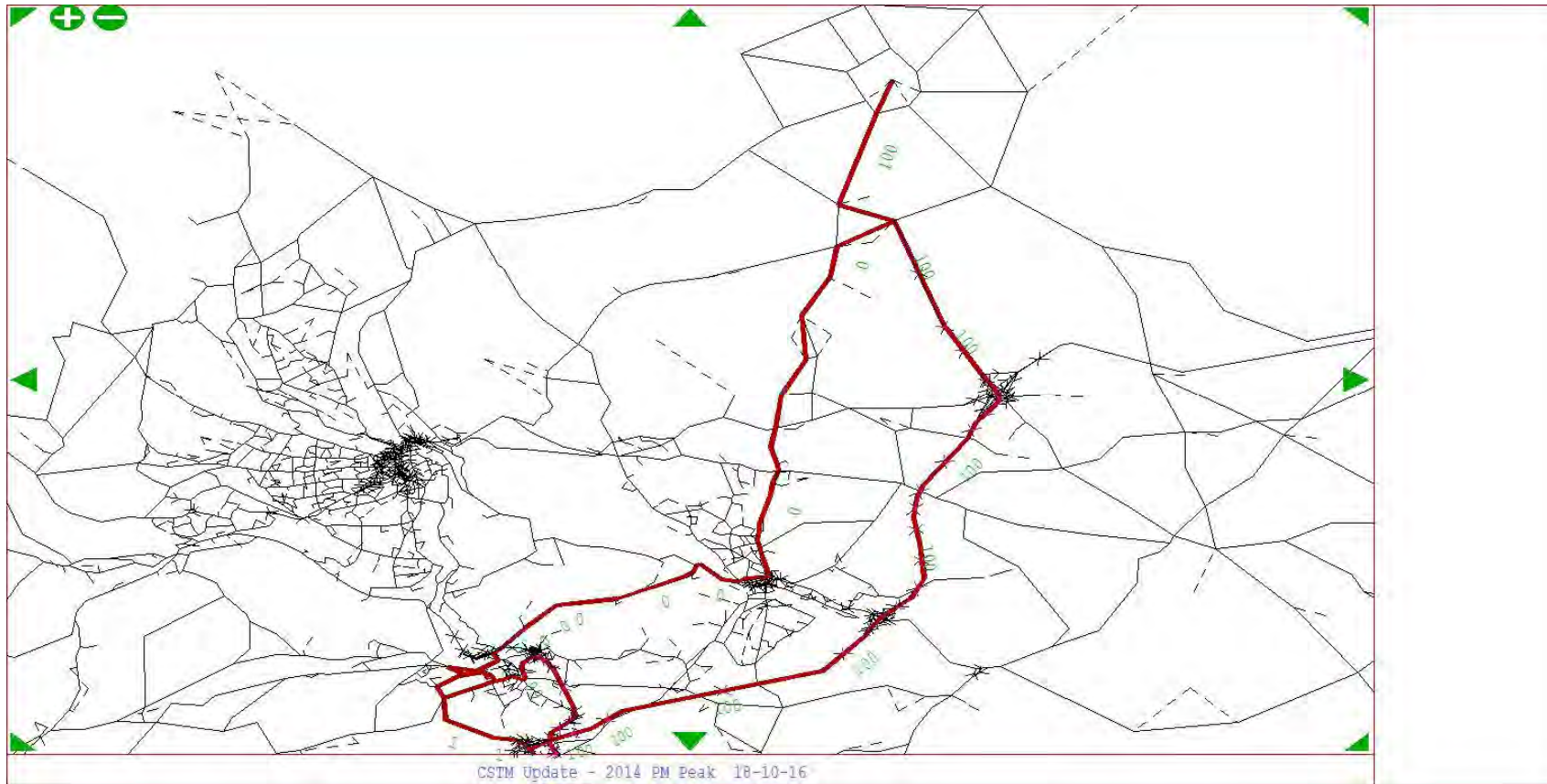


From Zone 194 To Zone 32 - User Class 6

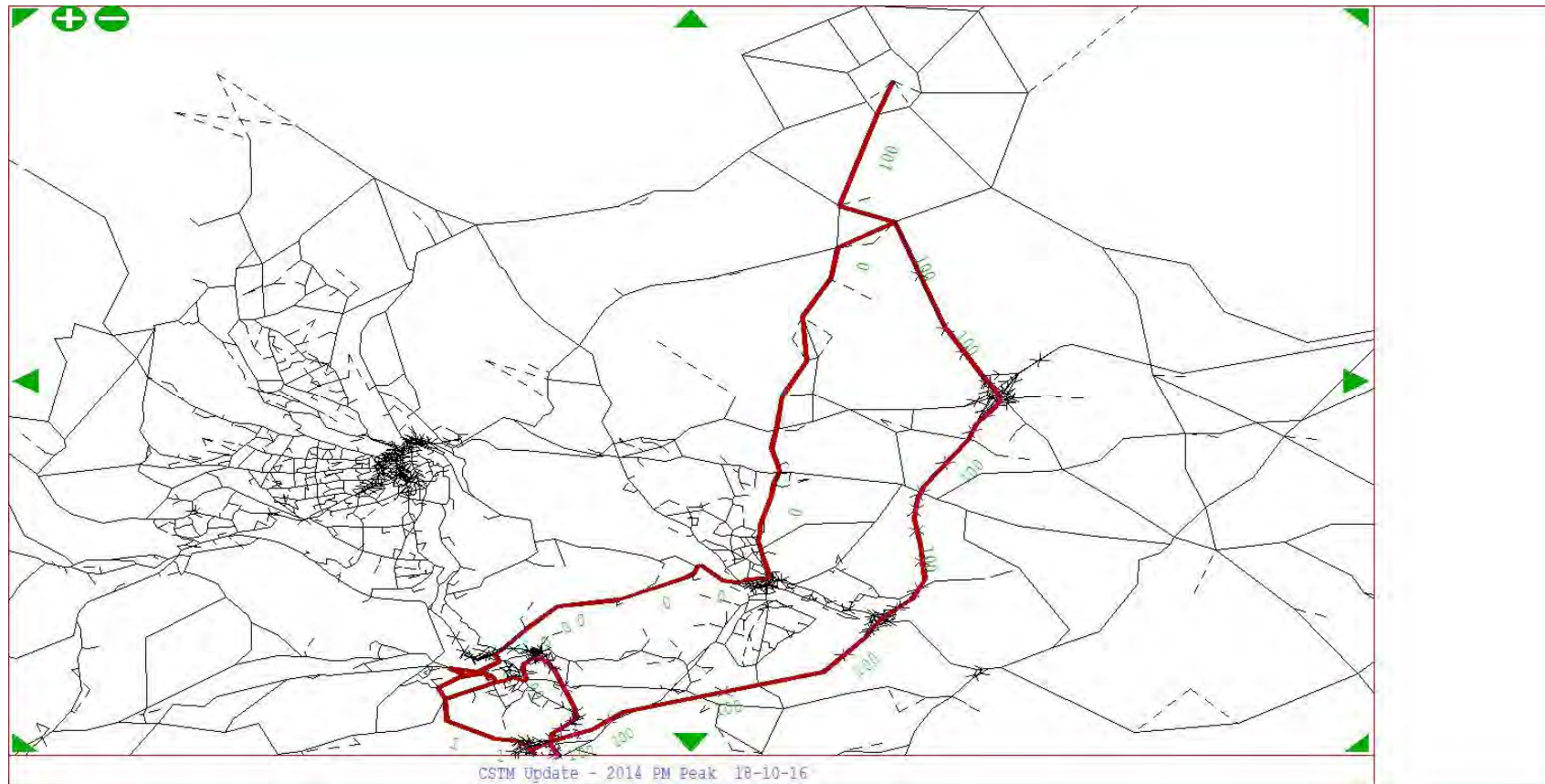


## Bradford to Elland

From Zone 32 To Zone 189 - User Class 1

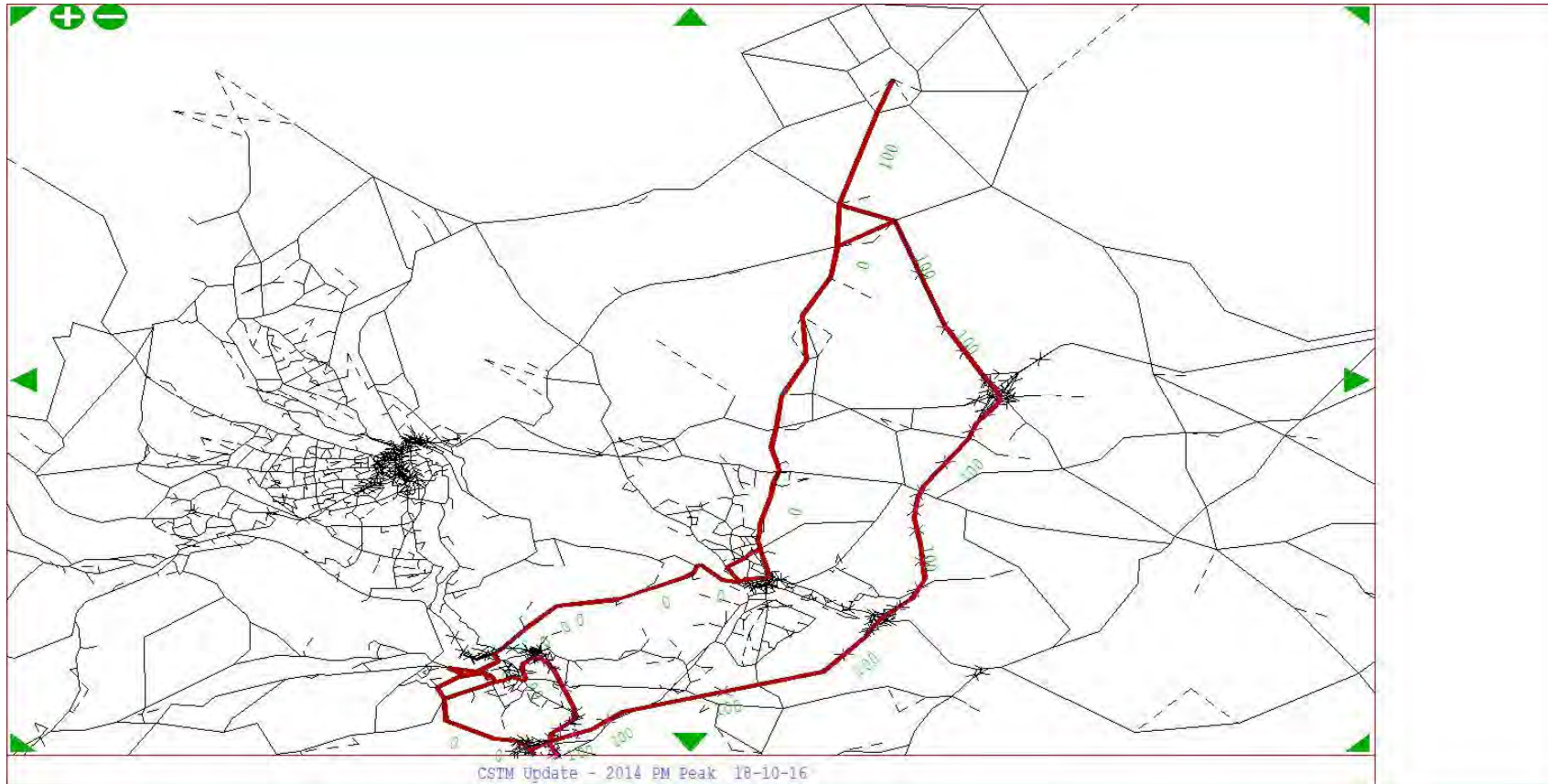


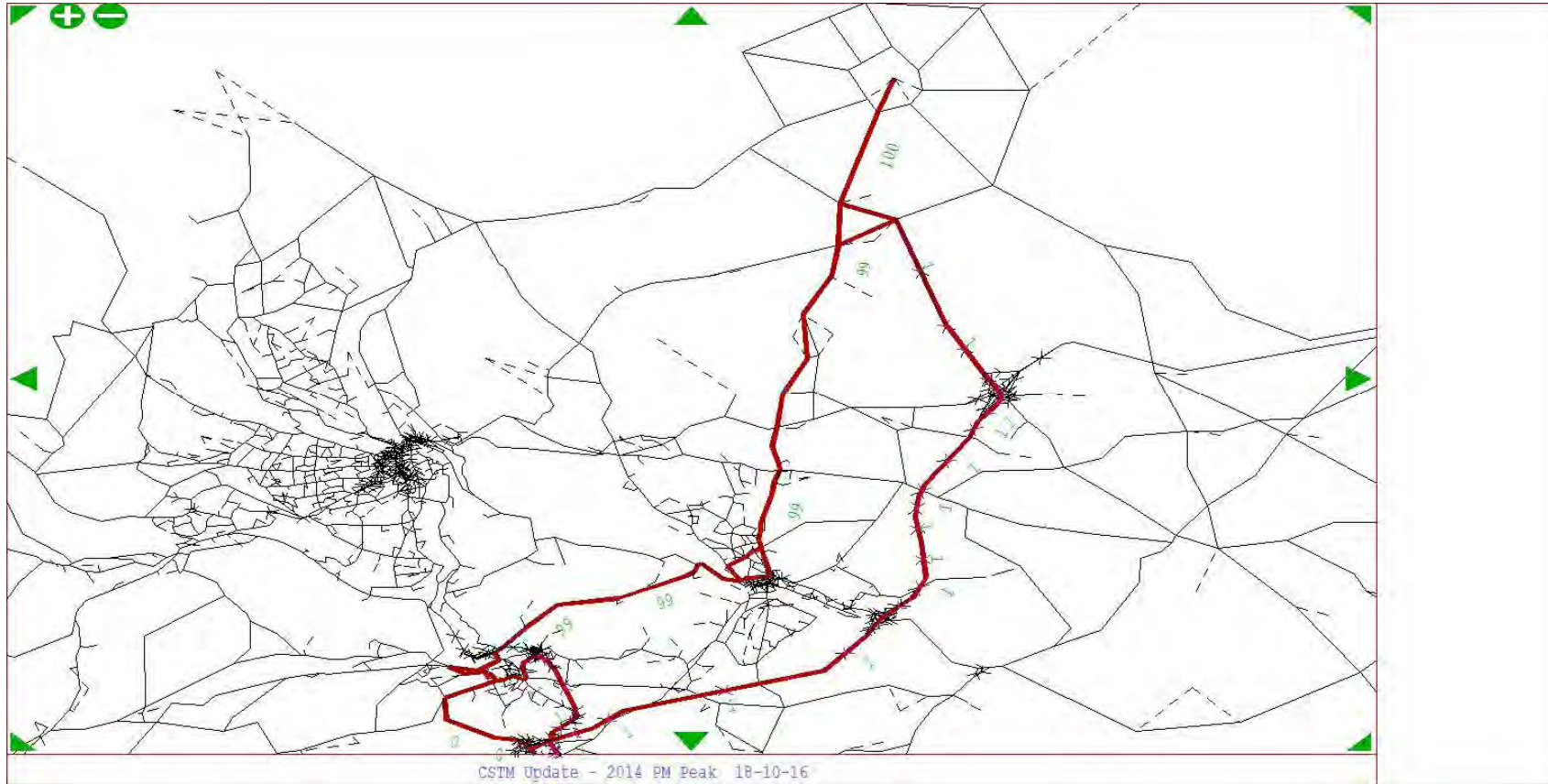
From Zone 32 To Zone 189 - User Class 2



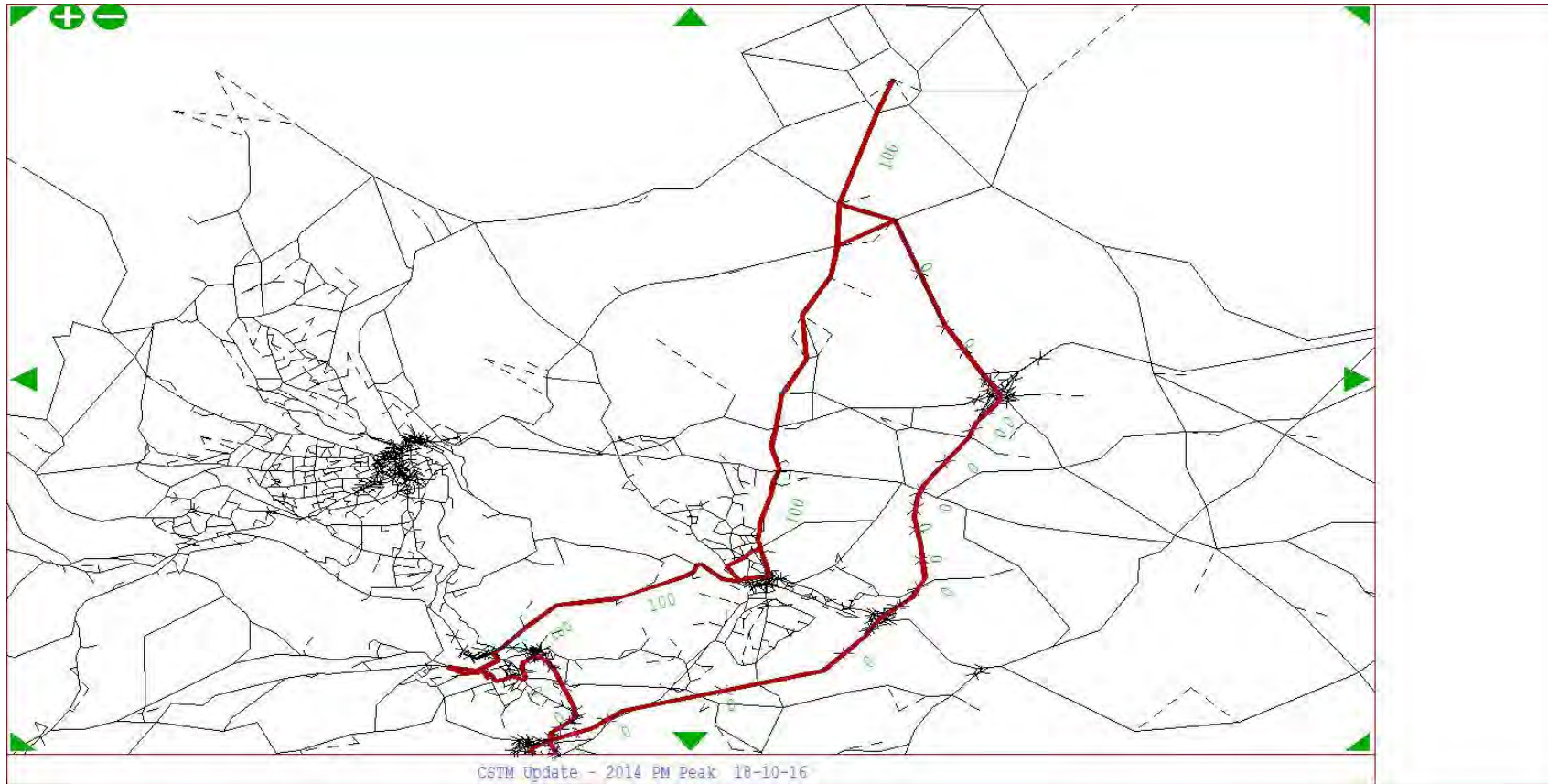


From Zone 32 To Zone 189 - User Class 3



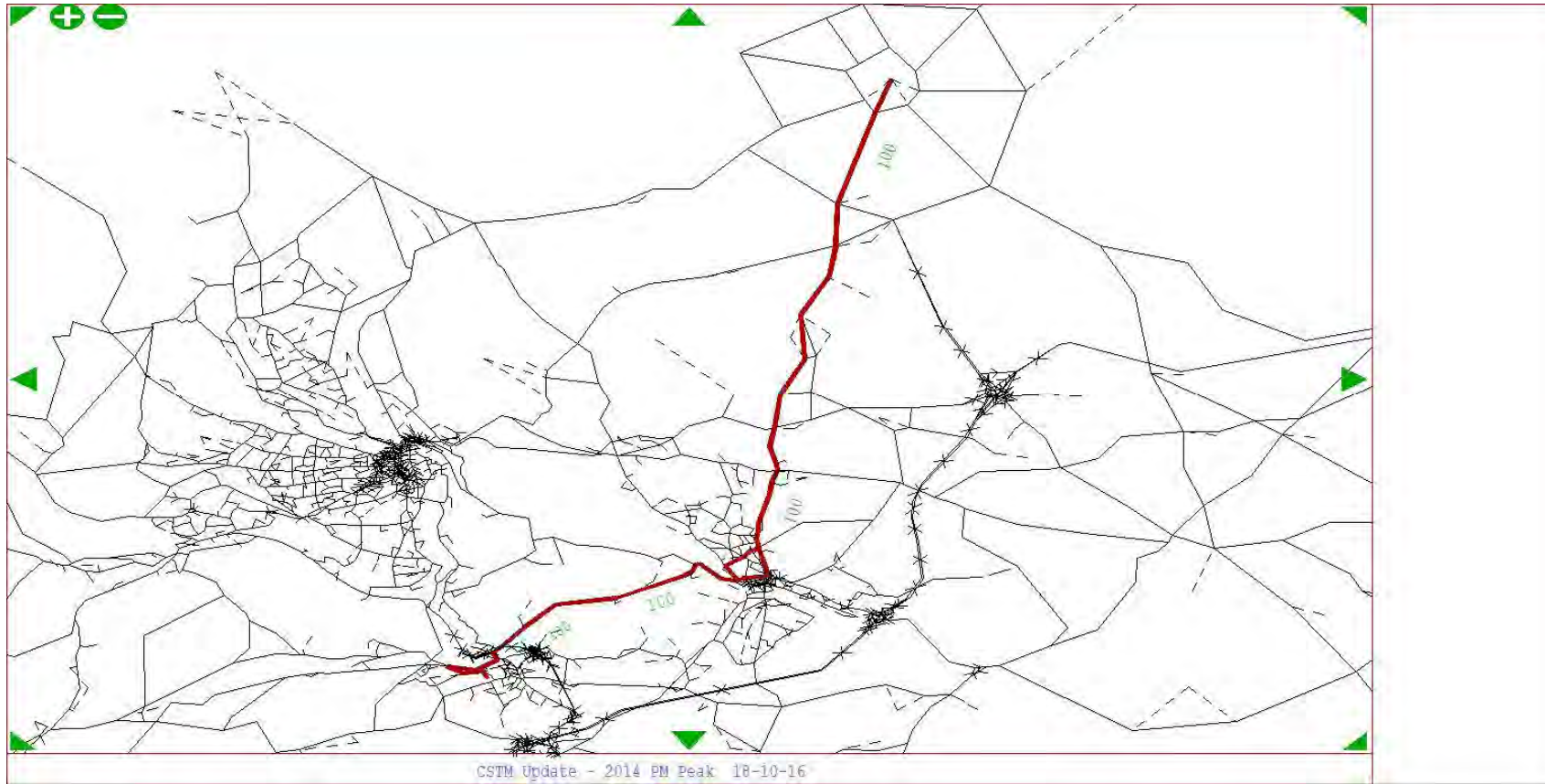


From Zone 32 To Zone 189 - User Class 5





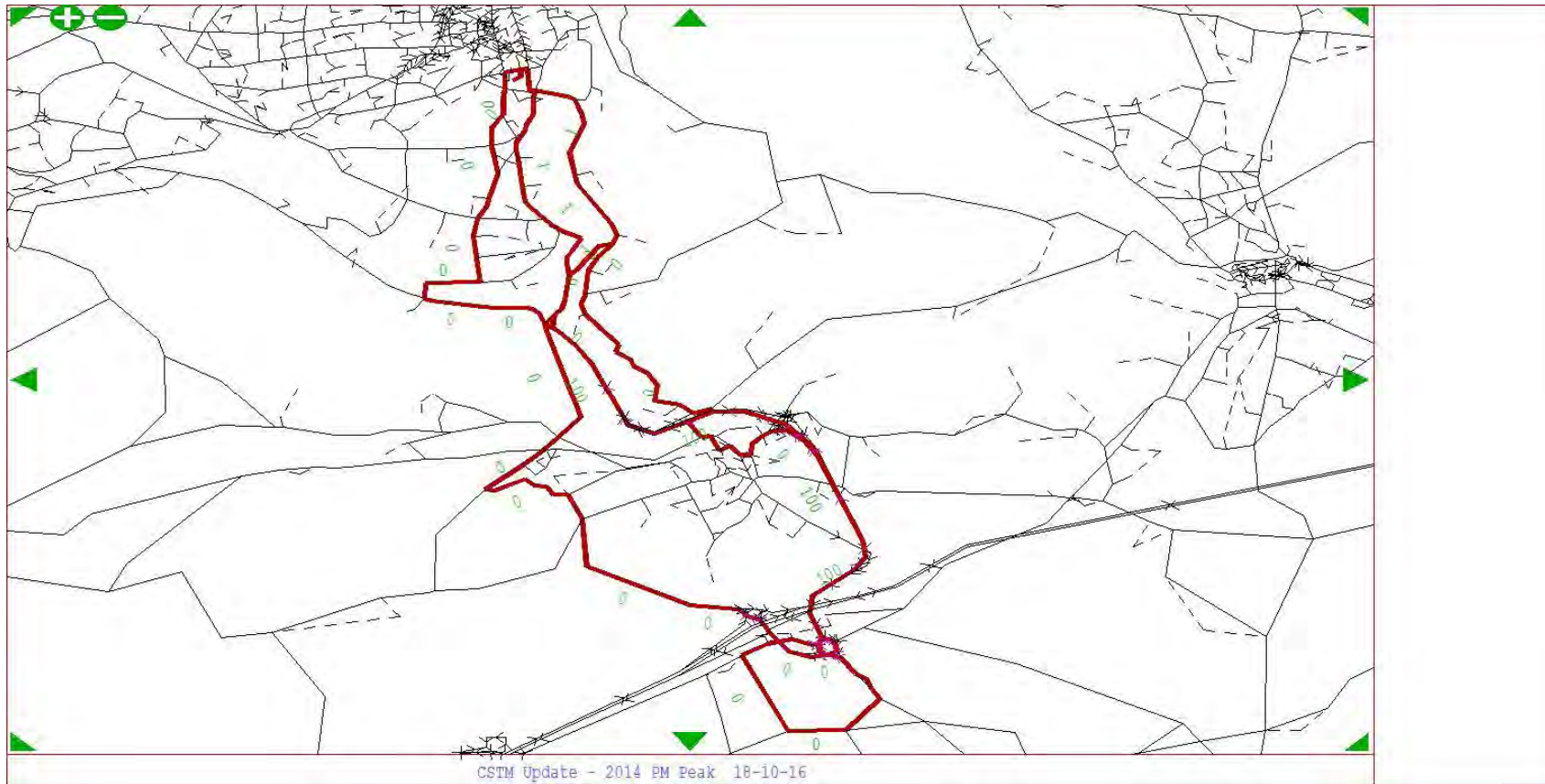
From Zone 32 To Zone 189 - User Class 6



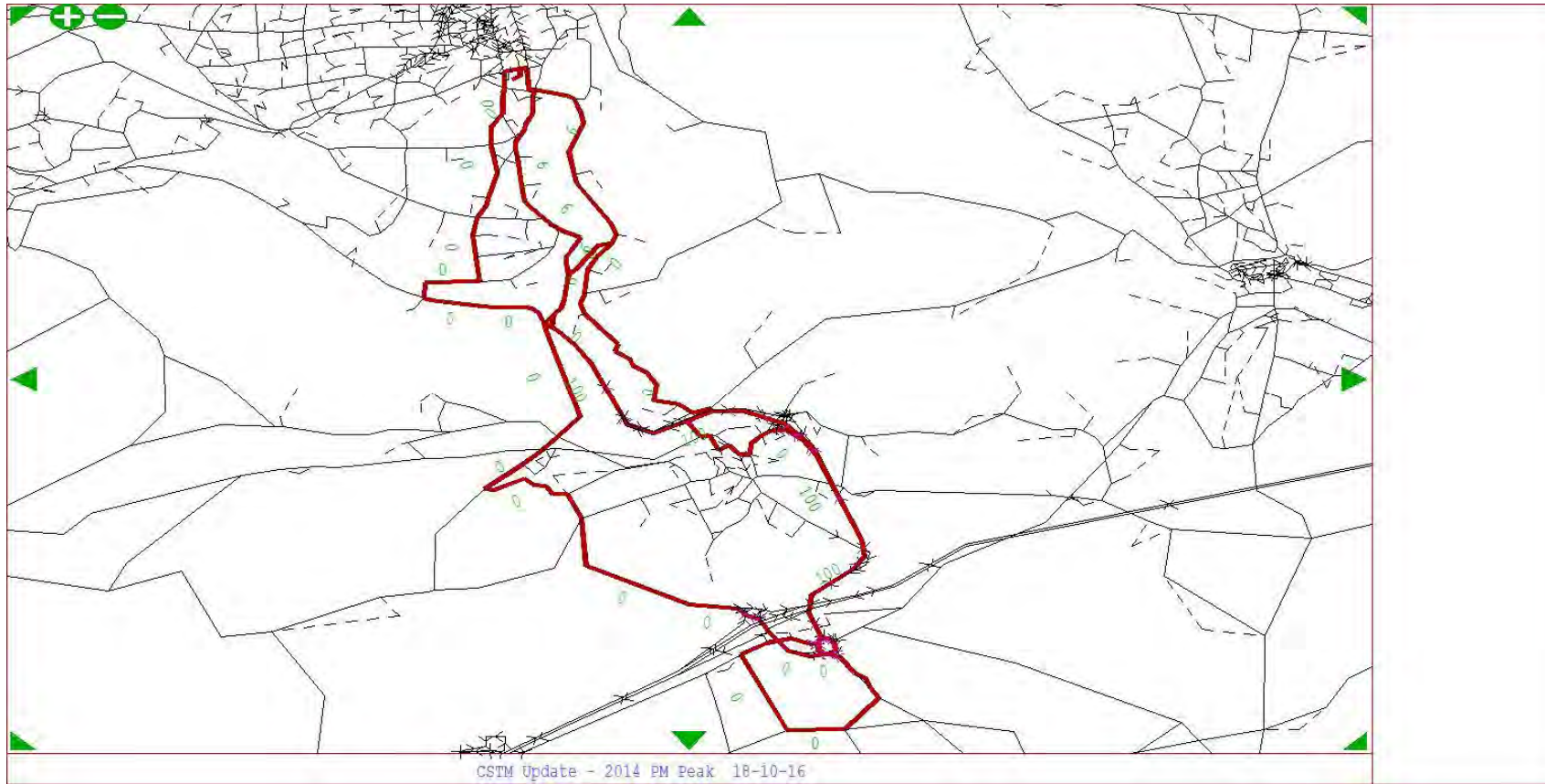


## Ainley Top to Halifax Town Centre

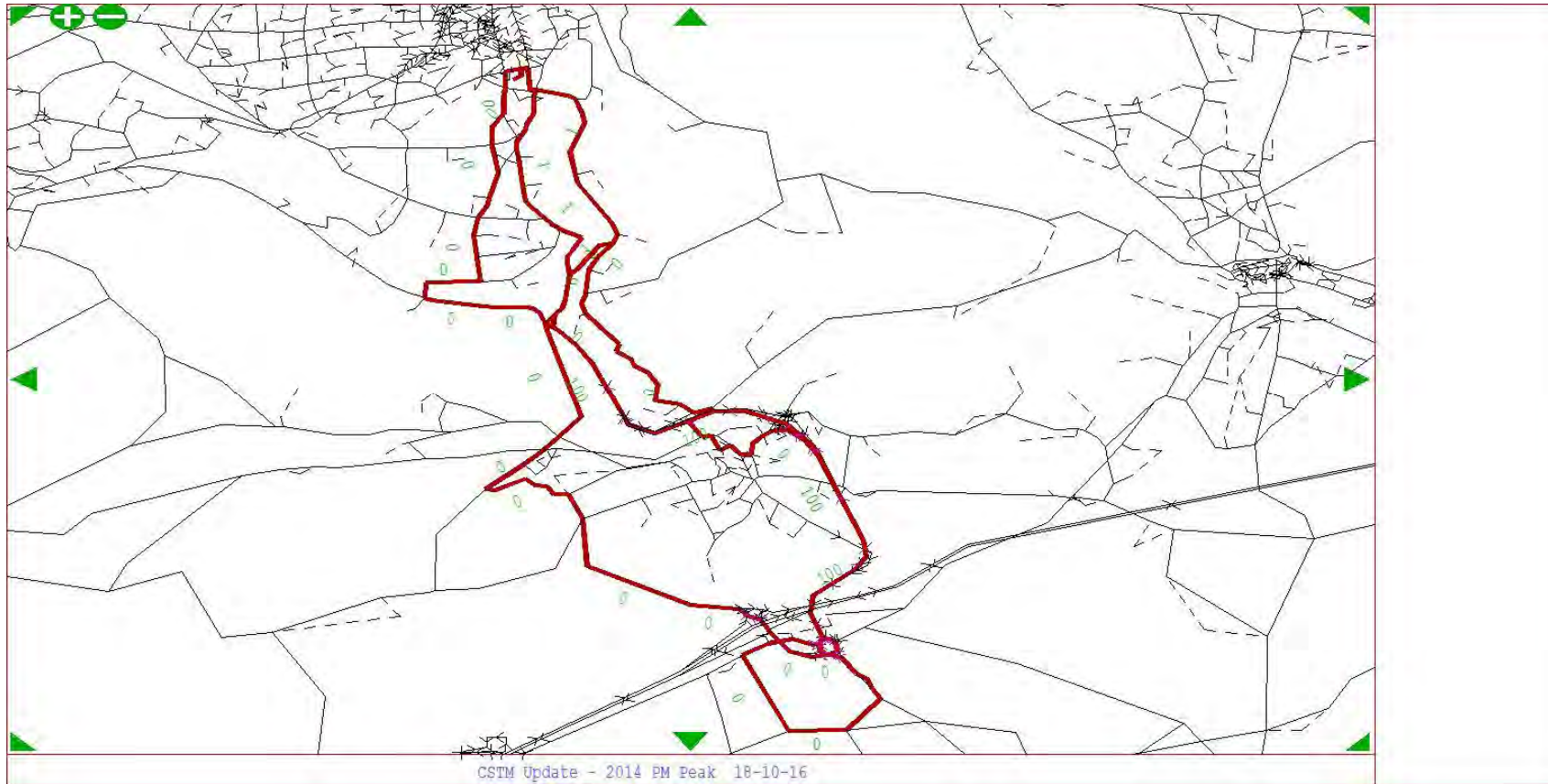
From Zone 917 To Zone 412 - User Class 1



From Zone 917 To Zone 412 - User Class 2

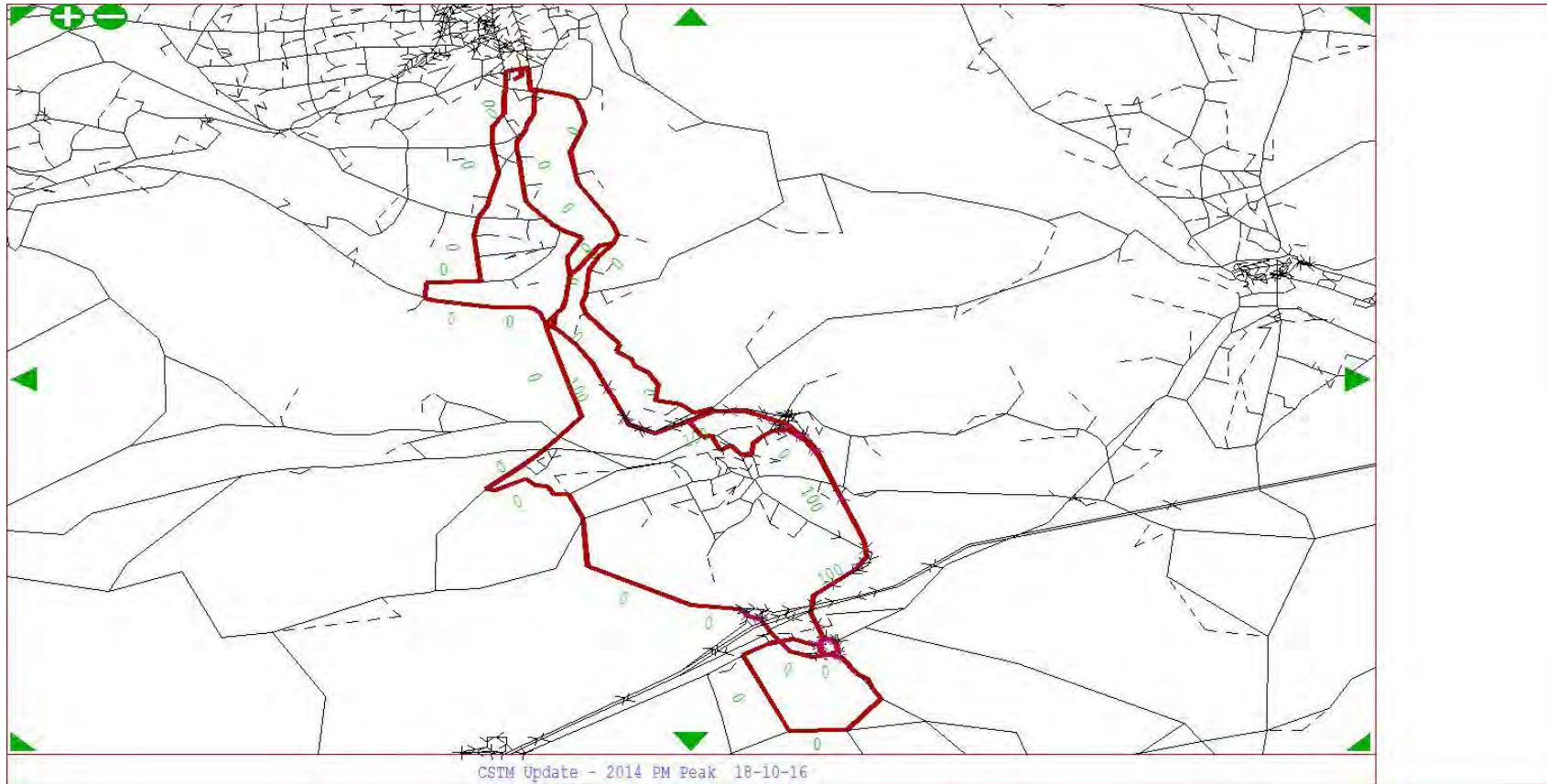


From Zone 917 To Zone 412 - User Class 3





From Zone 917 To Zone 412 - User Class 4





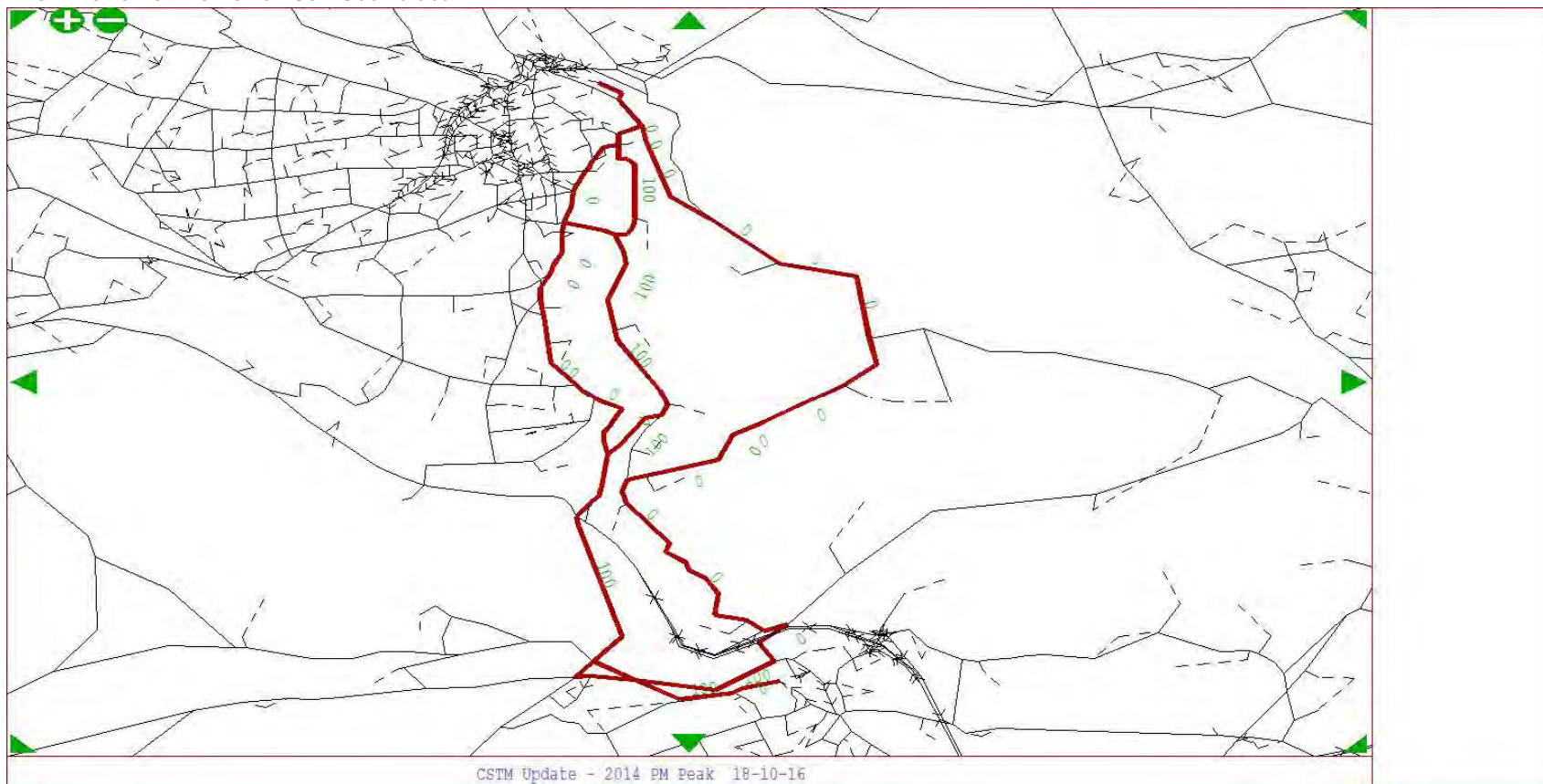
A map showing the 18-10-16 PM Peak CSTM Update. The map displays a network of roads with traffic volume contours. The contours are labeled with values such as 0, 50, 100, and 150. The map is overlaid with a red boundary. The map is titled "CSTM Update - 2014 PM Peak 18-10-16" at the bottom.

CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16

## Halifax Town Centre to Elland

From Zone 109 To Zone 180 - User Class 1



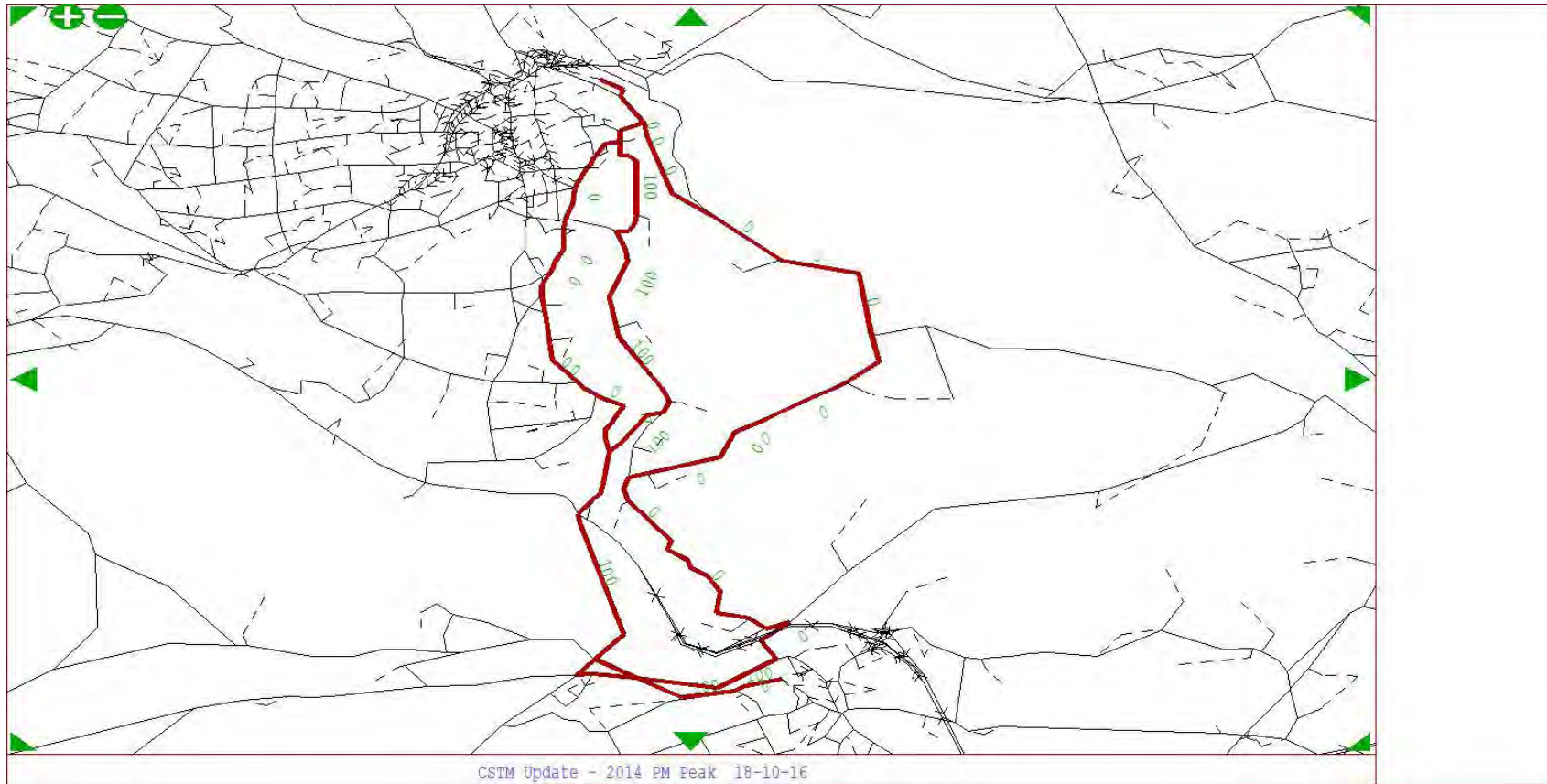


CSTM Update - 2014 PM Peak 18-10-16

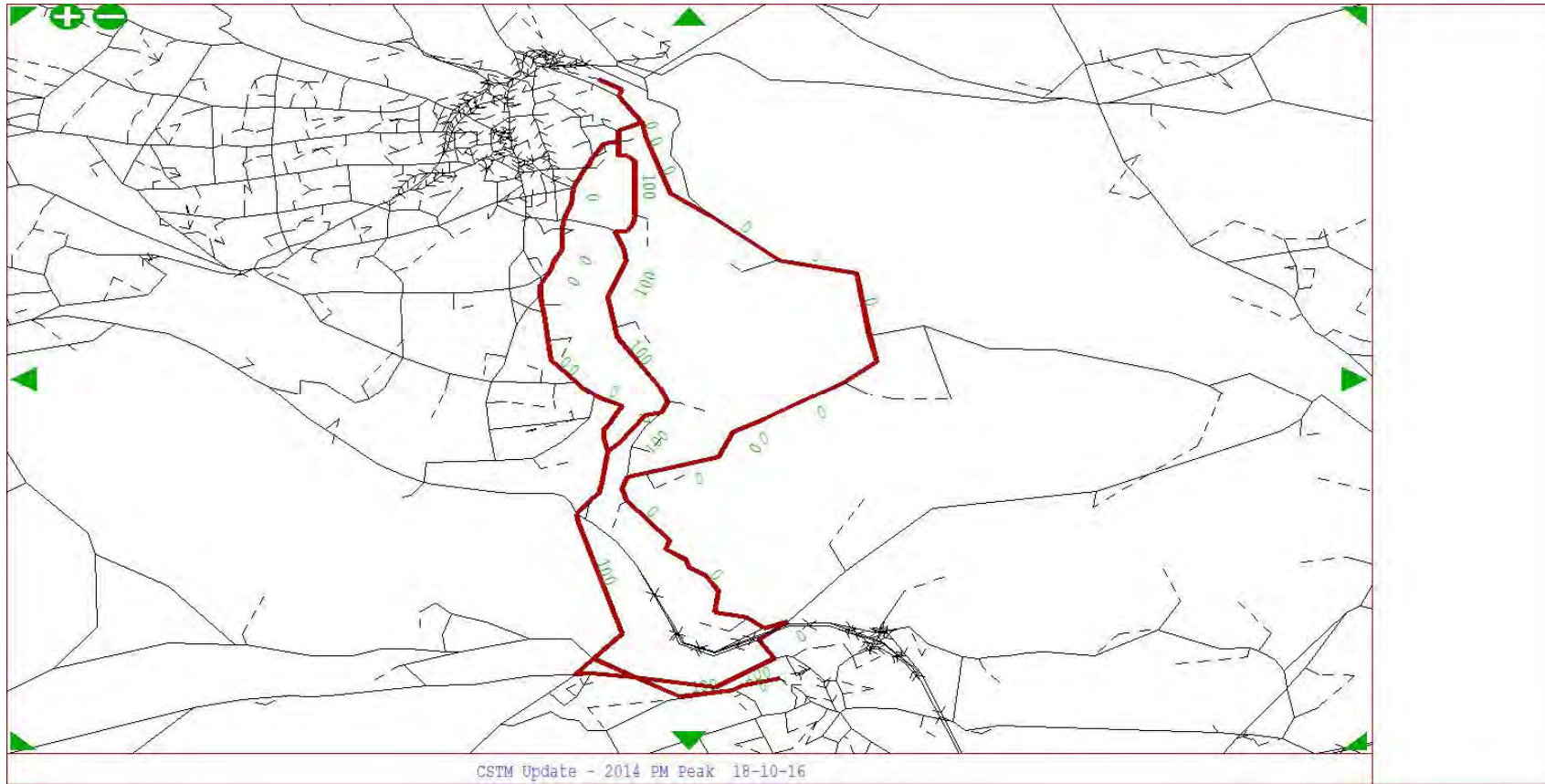
CSTM Update - 2014 PM Peak 18-10-16



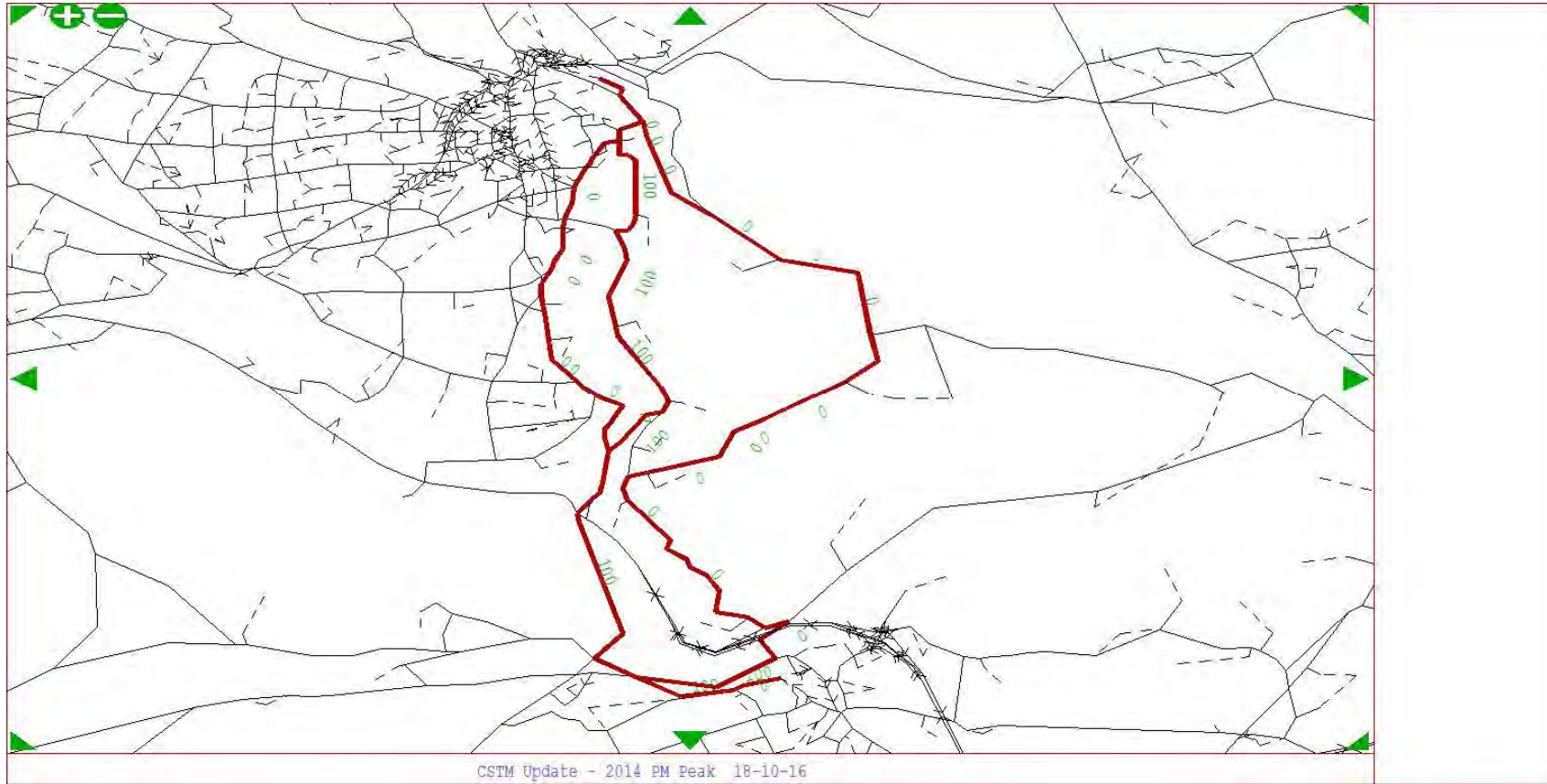
From Zone 109 To Zone 180 - User Class 3



From Zone 109 To Zone 180 - User Class 4



From Zone 109 To Zone 180 - User Class 5





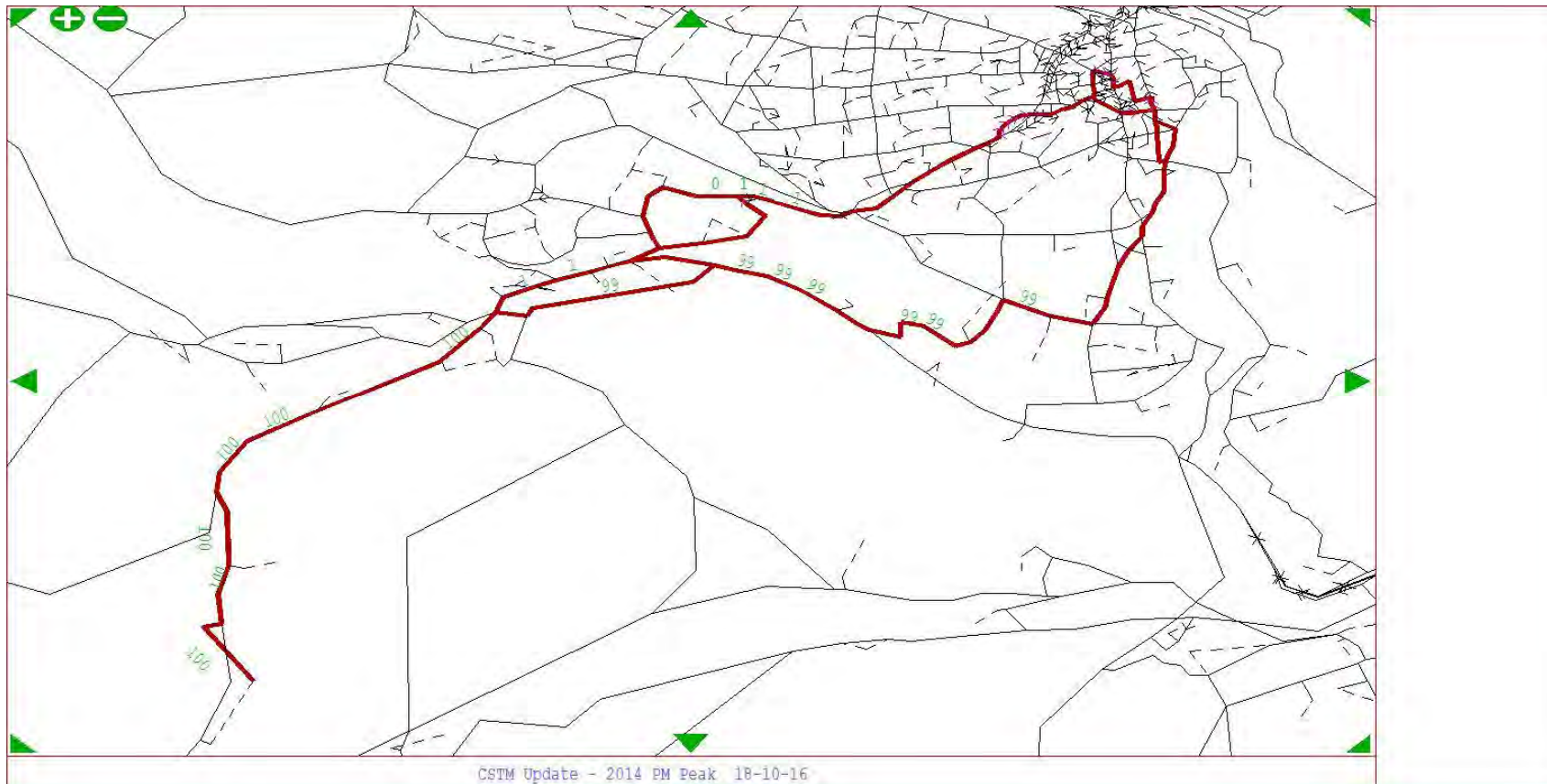
CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16



From Zone 214 To Zone 420 - User Class 1

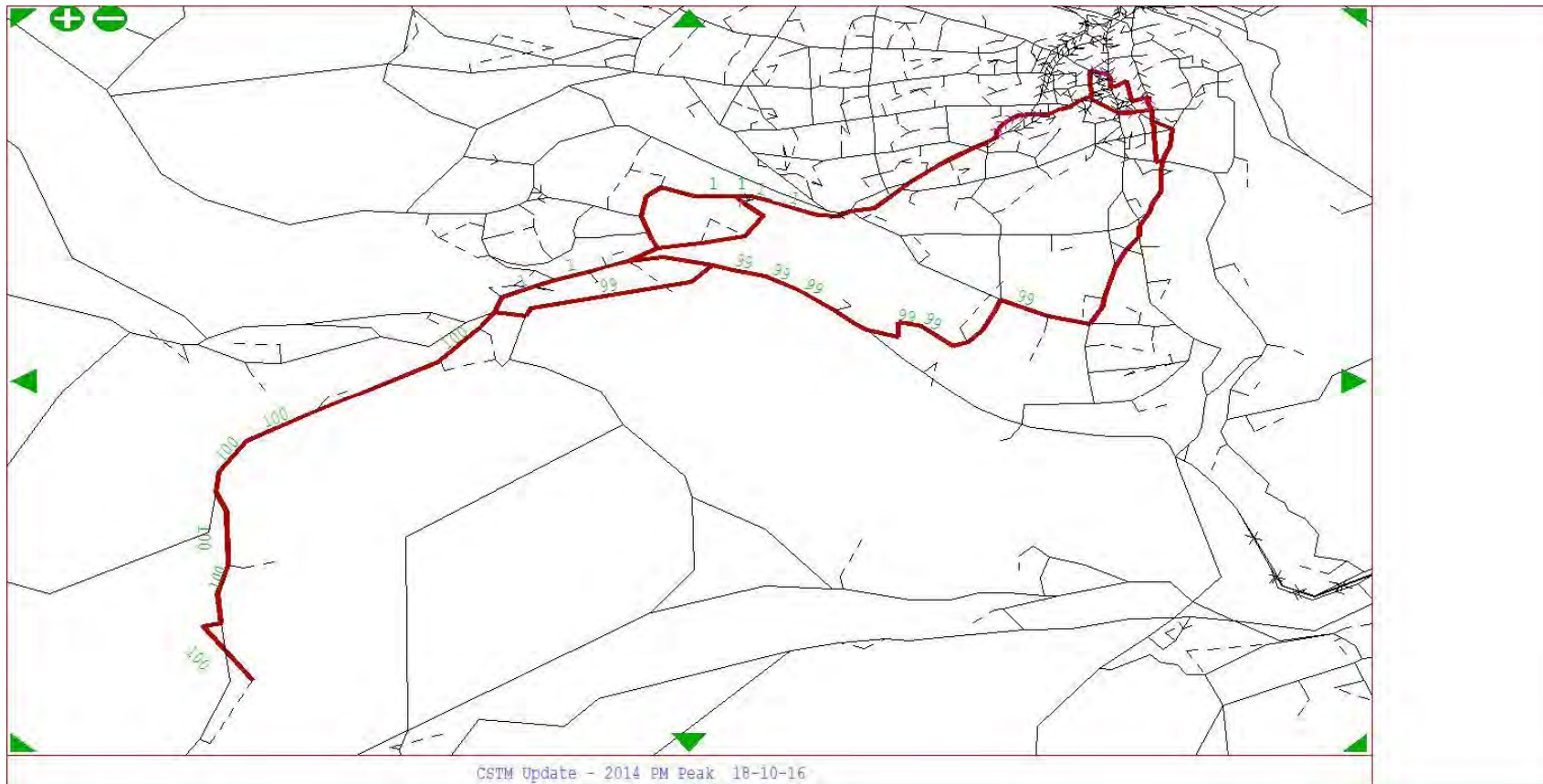
From Zone 214 To Zone 420 - User Class 1



CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16

From Zone 214 To Zone 420 - User Class 3

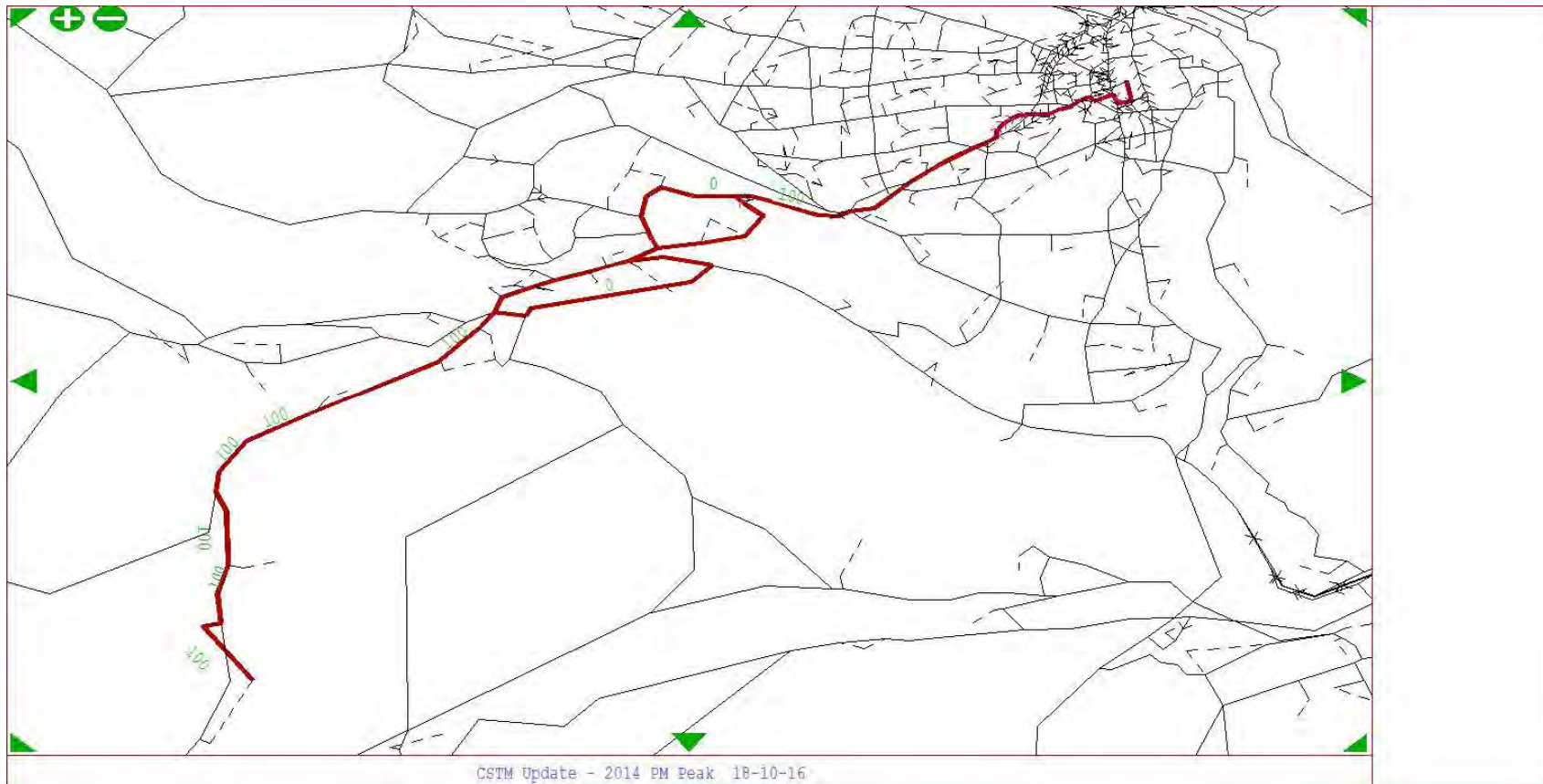


[illegible]

CSTM Update - 2014 PM Peak 18-10-16



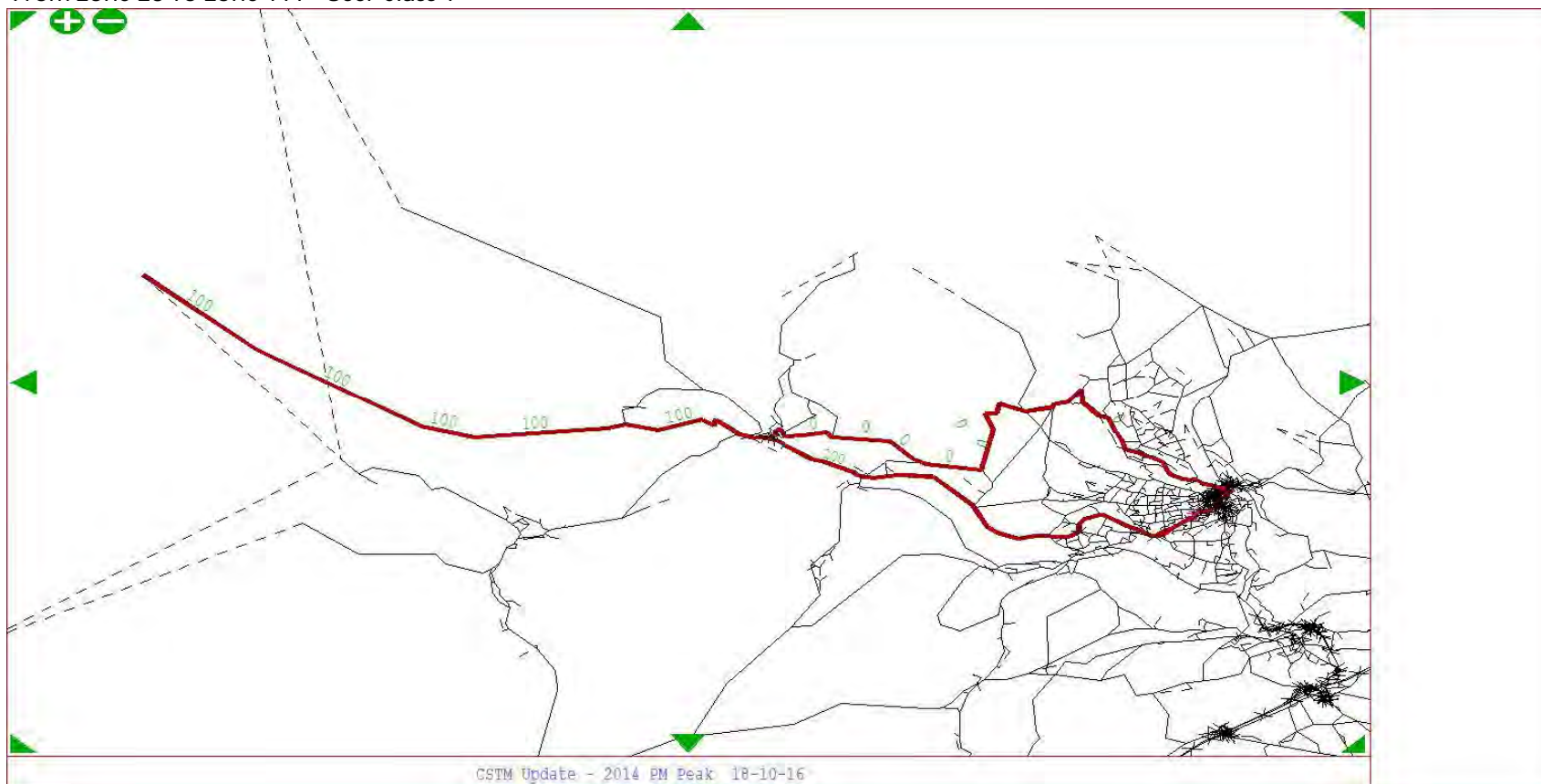
From Zone 214 To Zone 420 - User Class 5



CSTM Update - 2014 PM Peak 18-10-16

From Zone 28 To Zone 111 - User Class 1

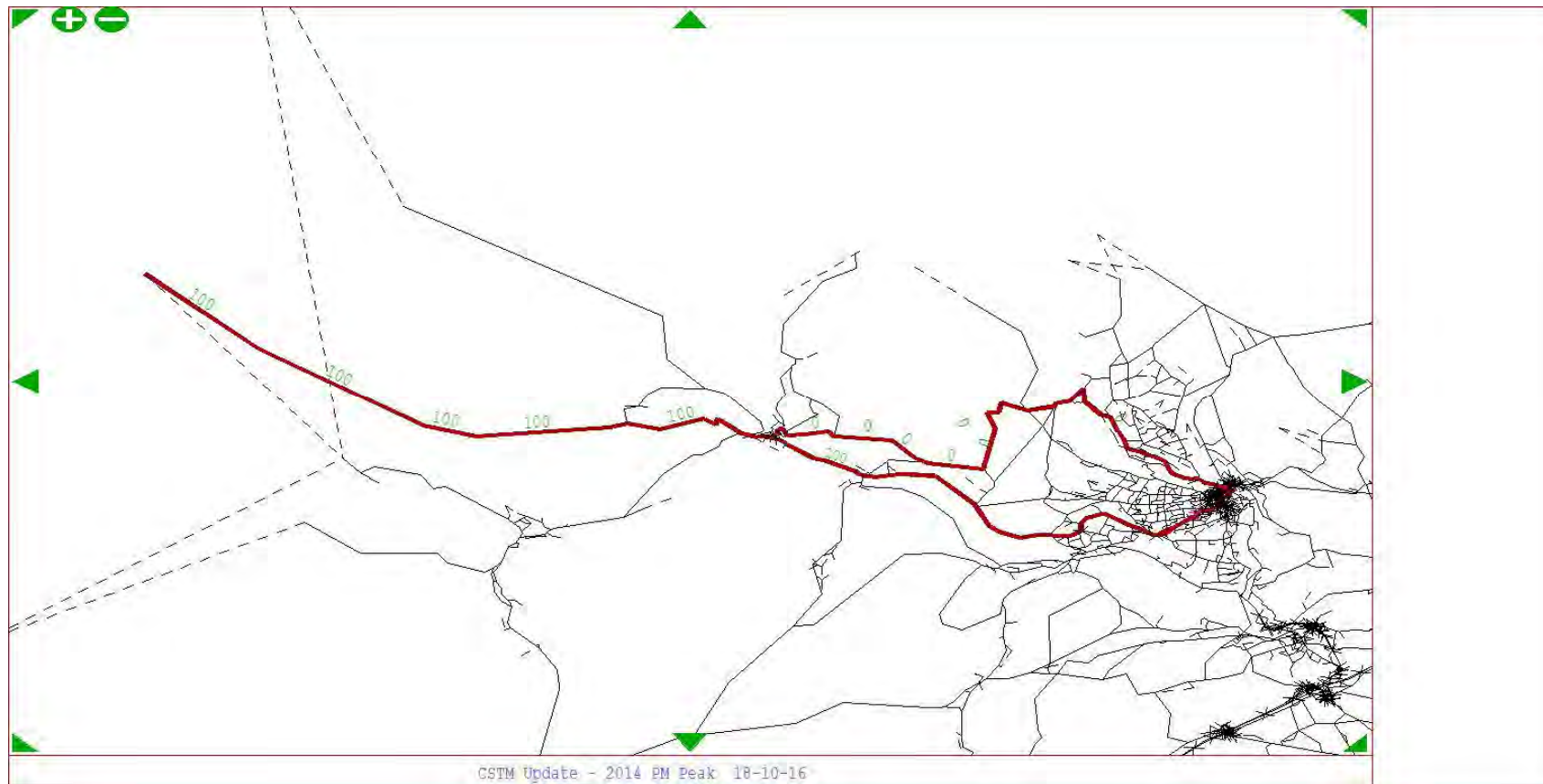
From Zone 28 To Zone 111 - User Class 1



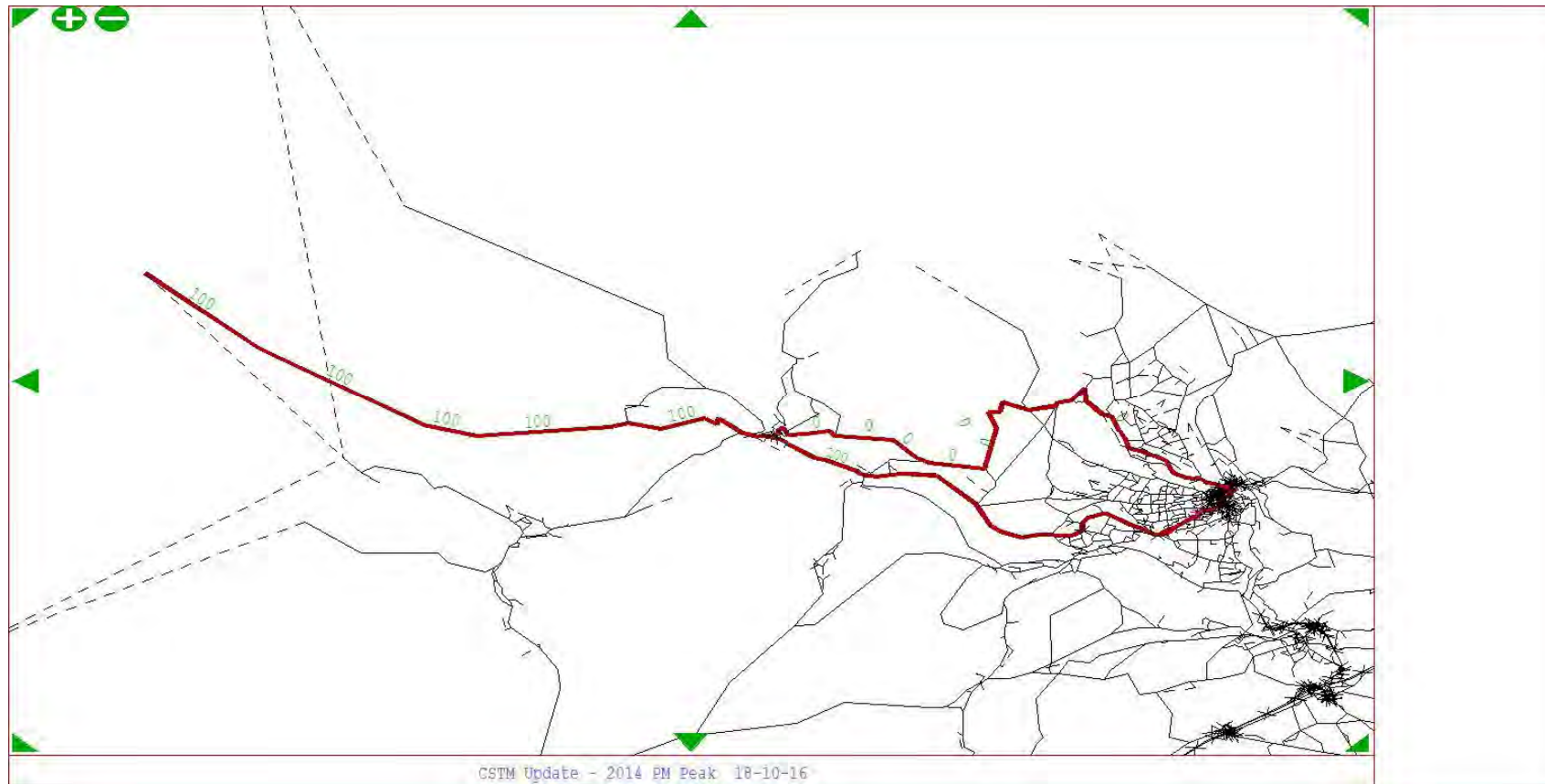
CSTM Update - 2014 PM Peak 18-10-16



From Zone 28 To Zone 111 - User Class 3



From Zone 28 To Zone 111 - User Class 4



CSTM Update - 2014 PM Peak 18-10-16

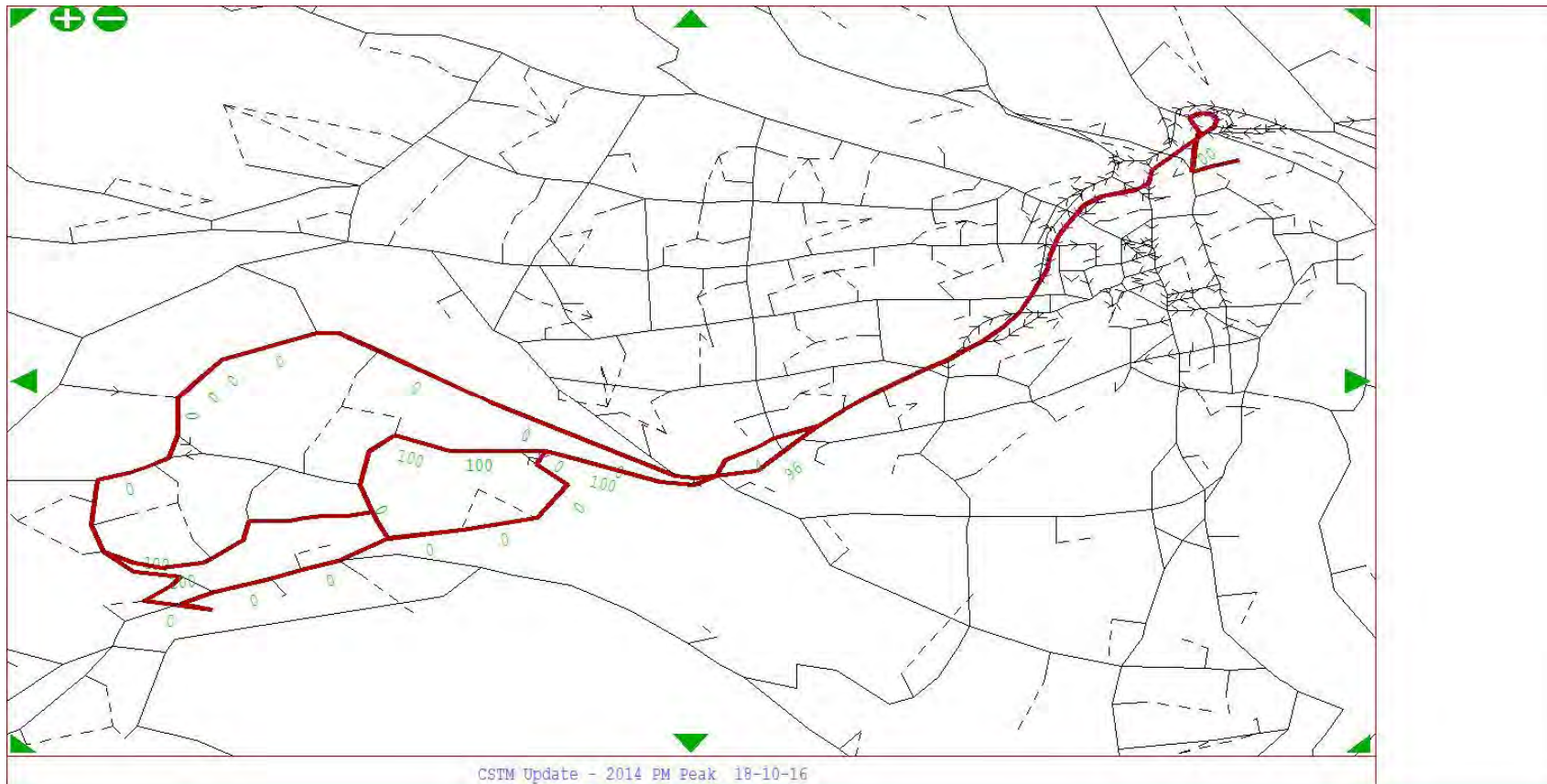
CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16

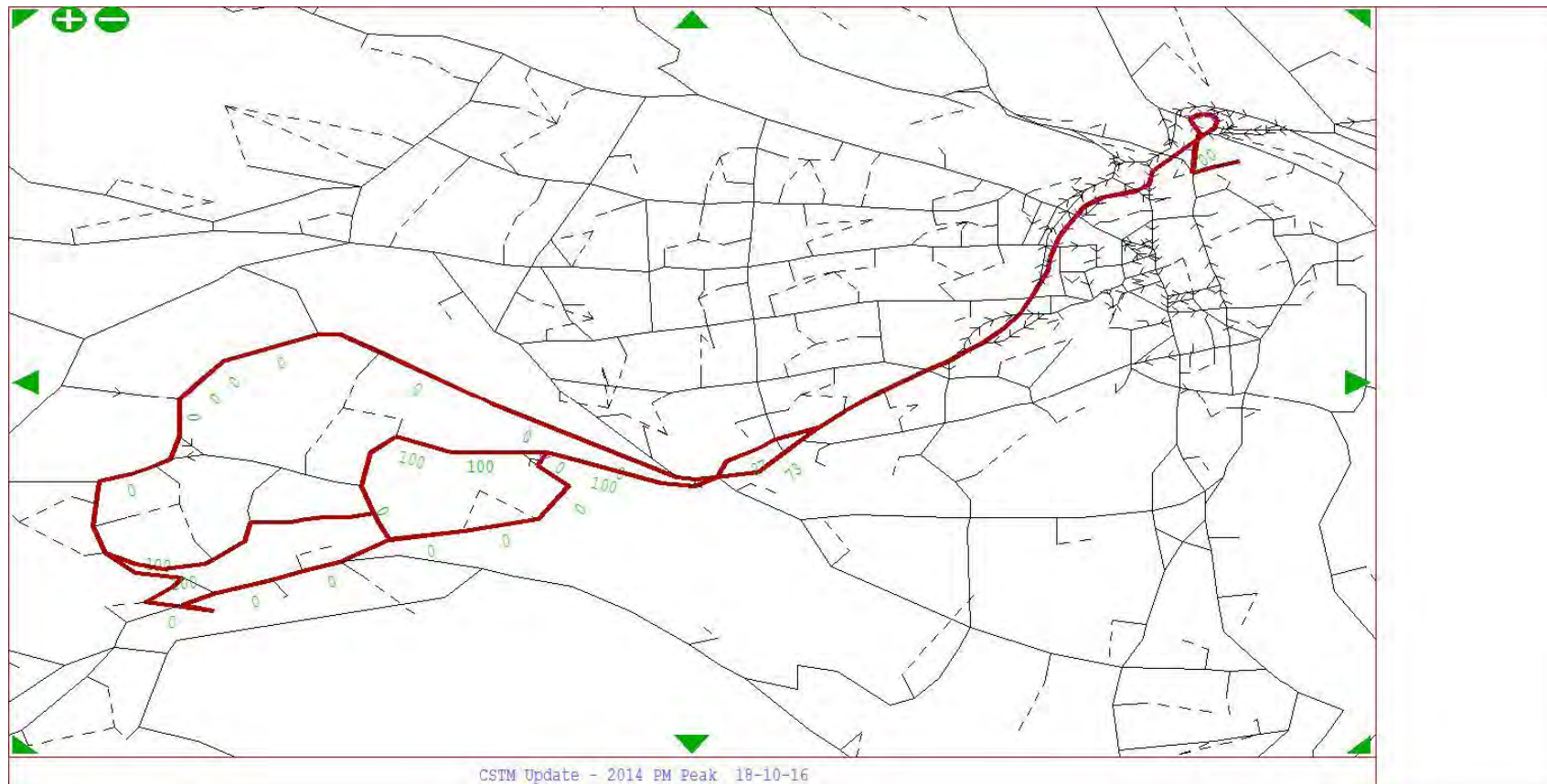


## Halifax Town Centre to Sowerby Bridge

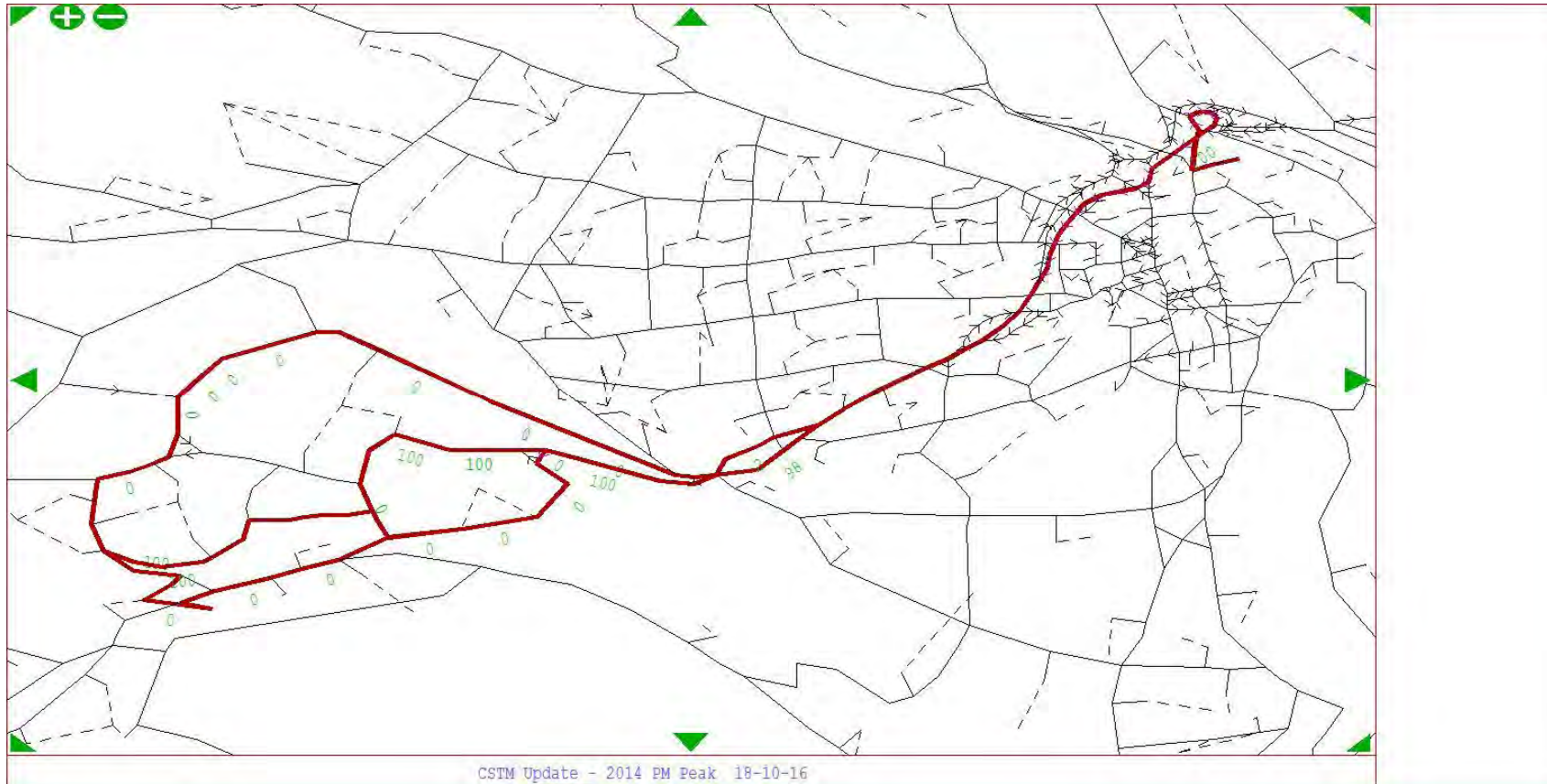
From Zone 111 To Zone 115 - User Class 1



From Zone 111 To Zone 115 - User Class 2

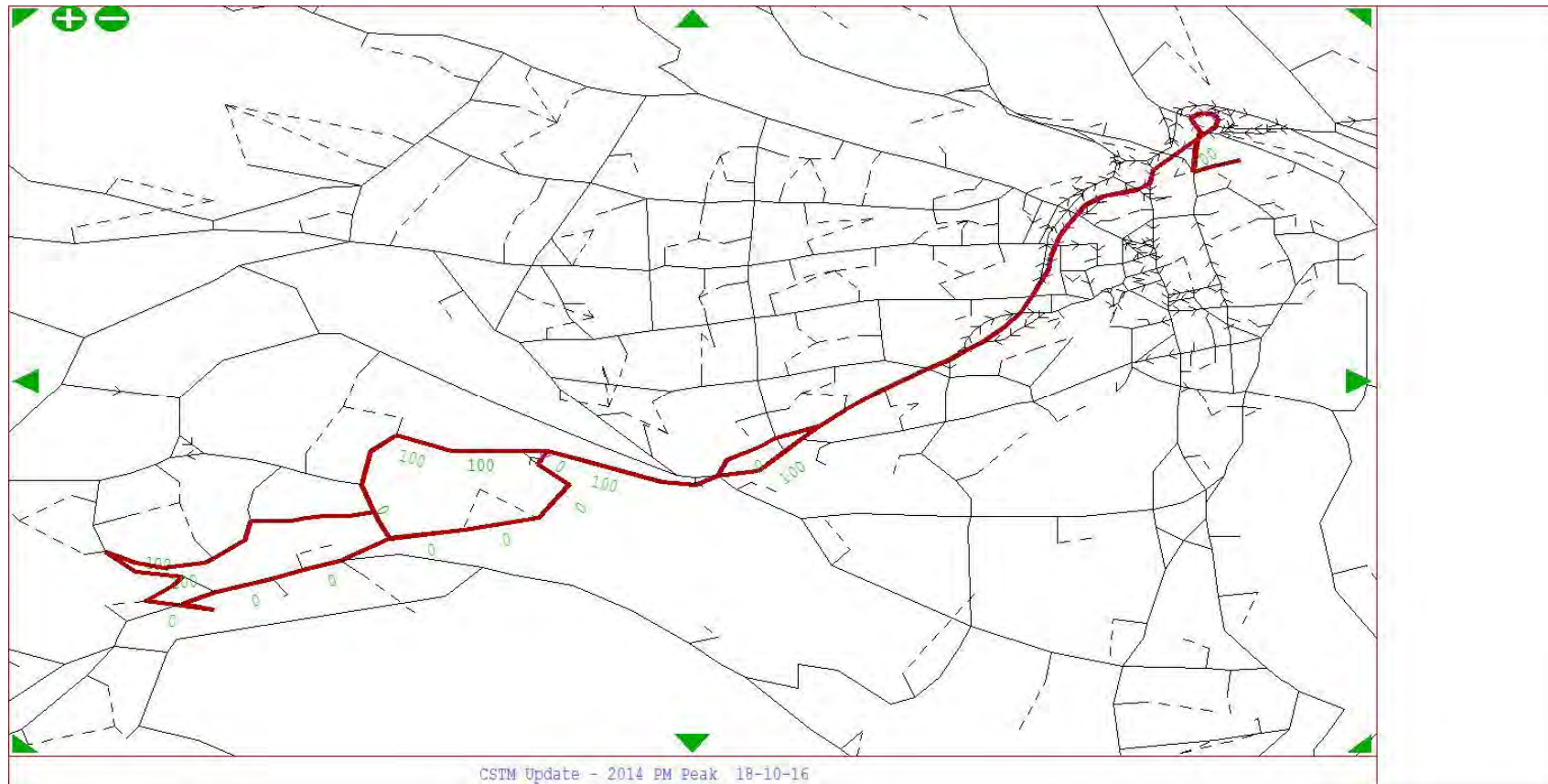


From Zone 111 To Zone 115 - User Class 3



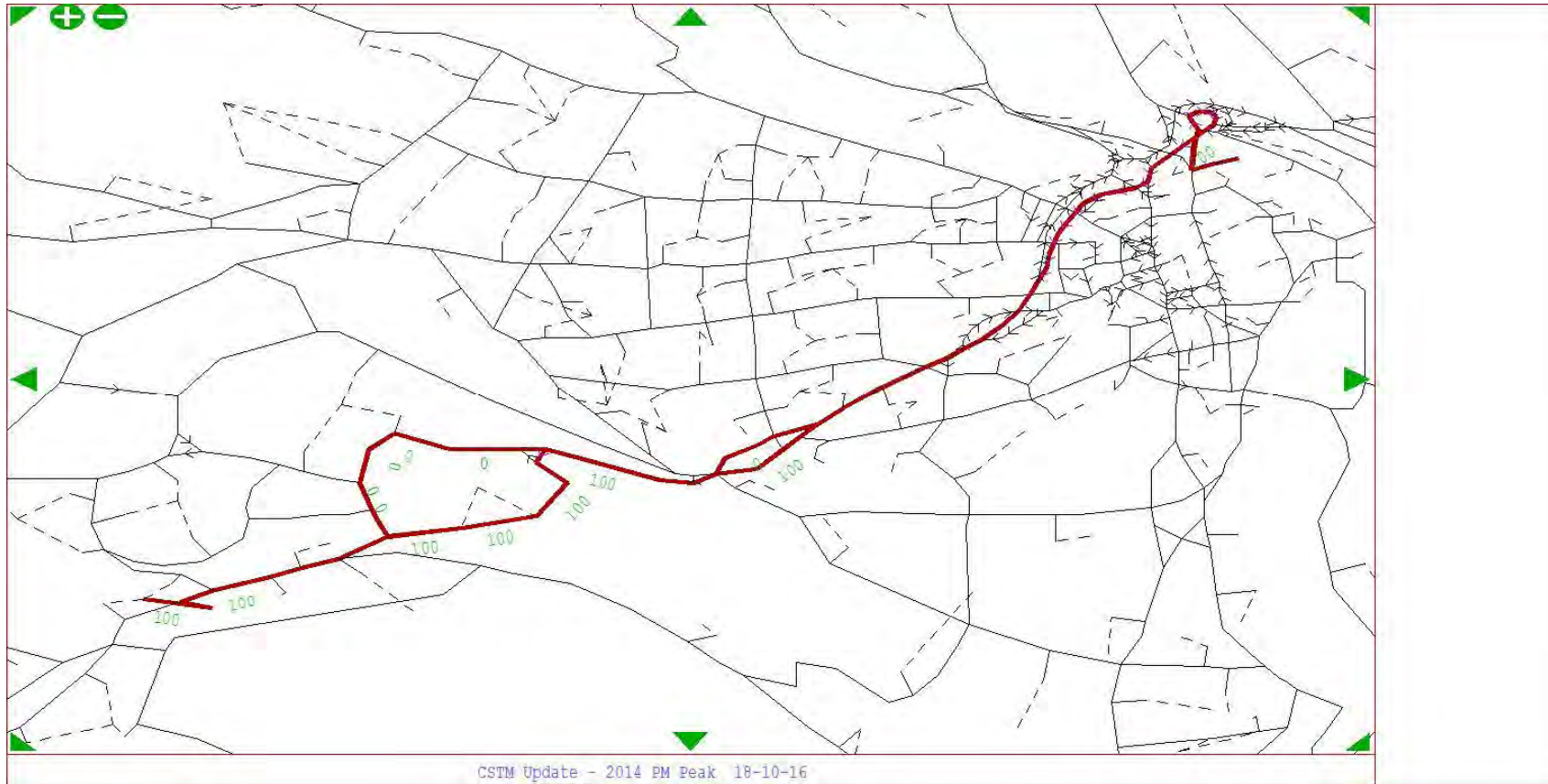


From Zone 111 To Zone 115 - User Class 4

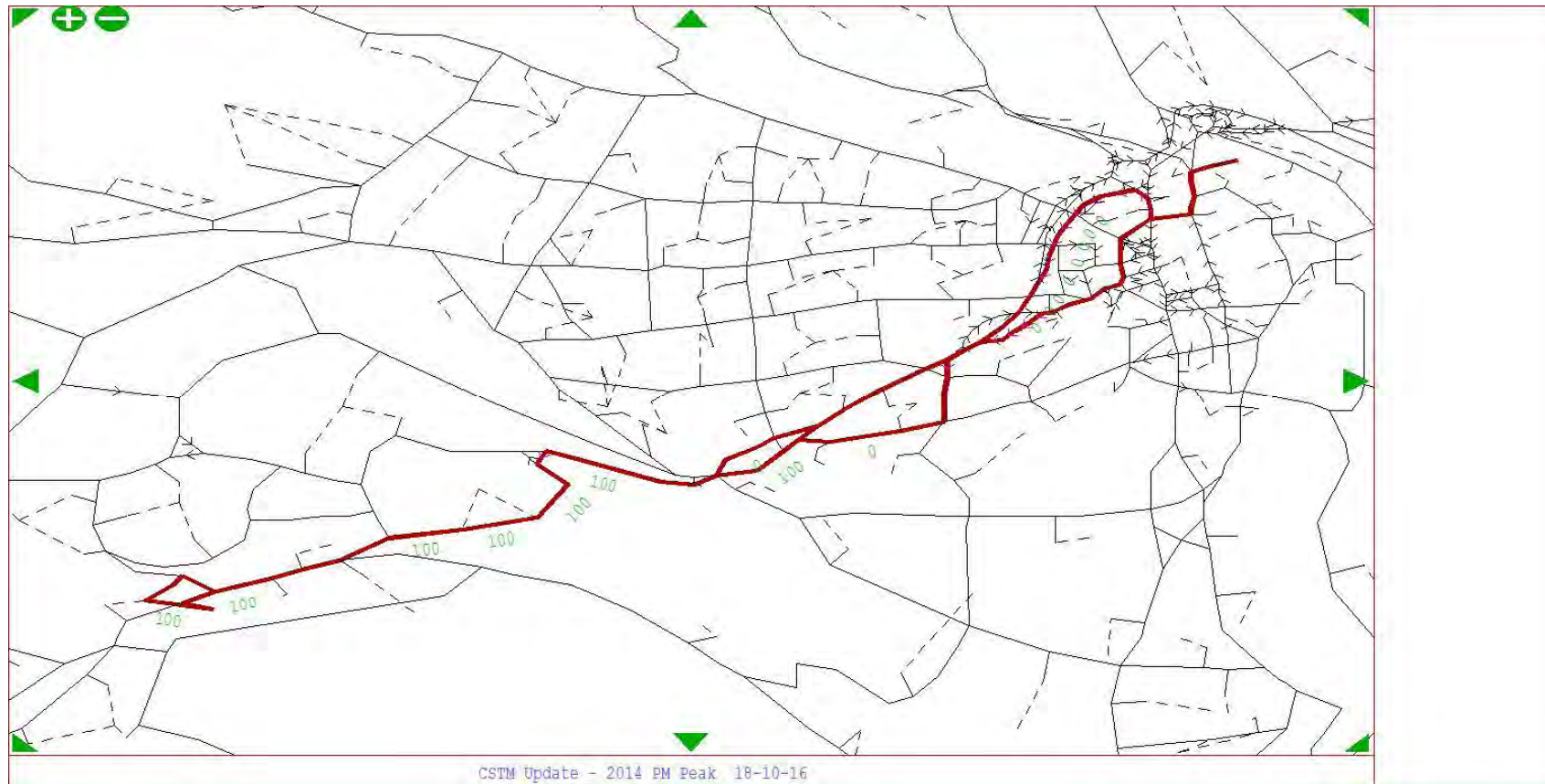




From Zone 111 To Zone 115 - User Class 5

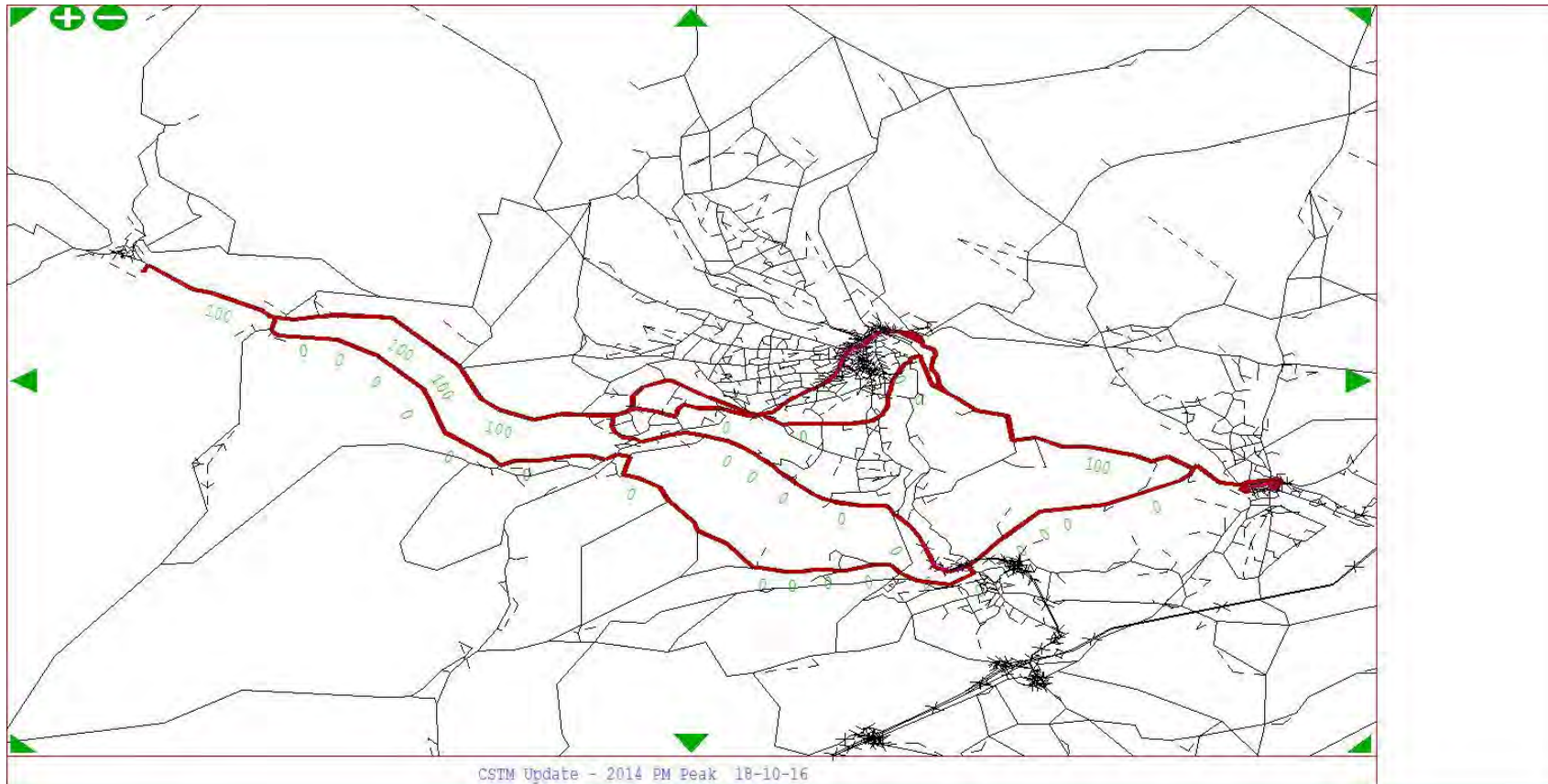


From Zone 111 To Zone 115 - User Class 6

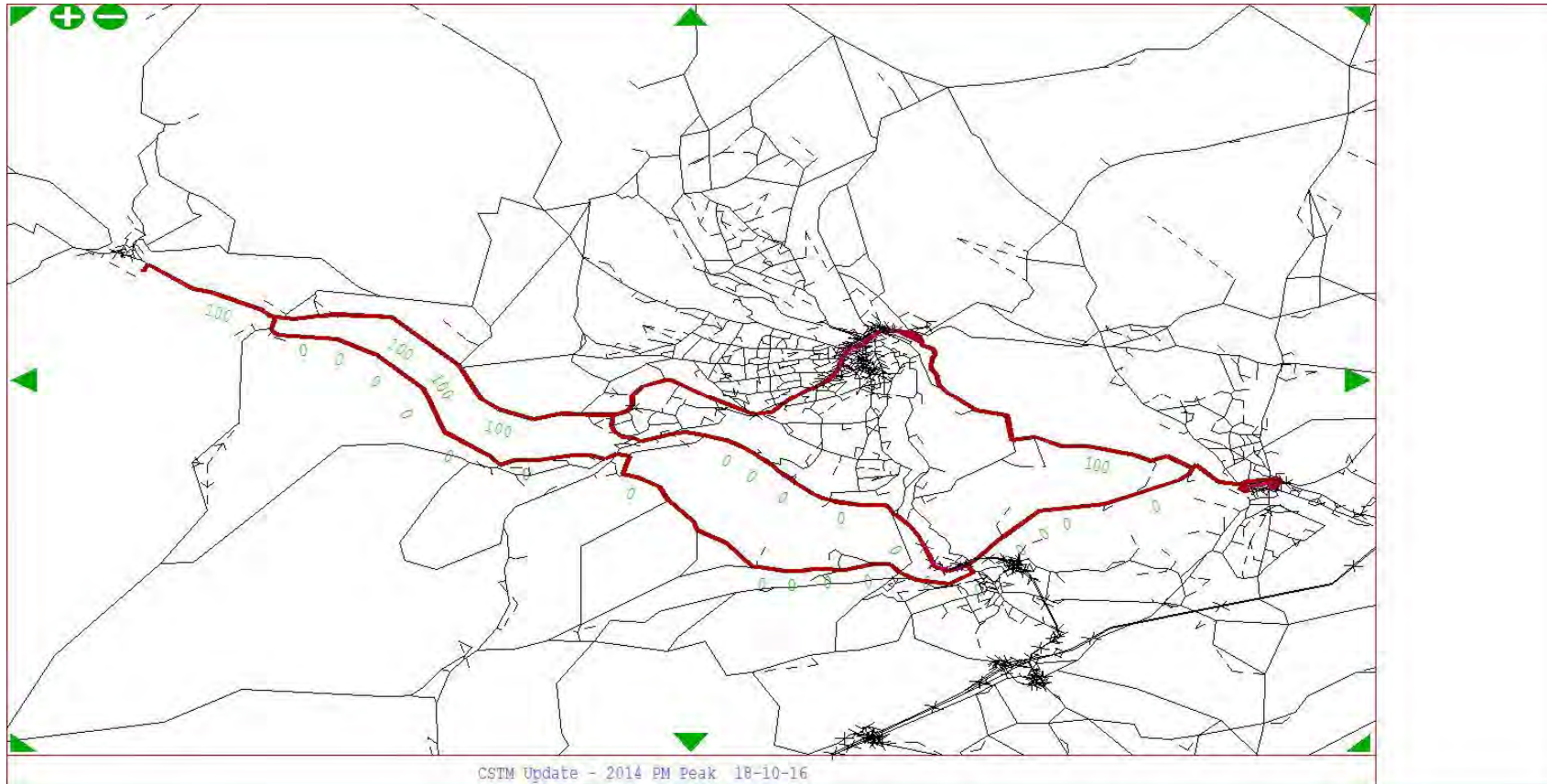


## Brighouse to Hebden Bridge

From Zone 162 To Zone 232 - User Class 1





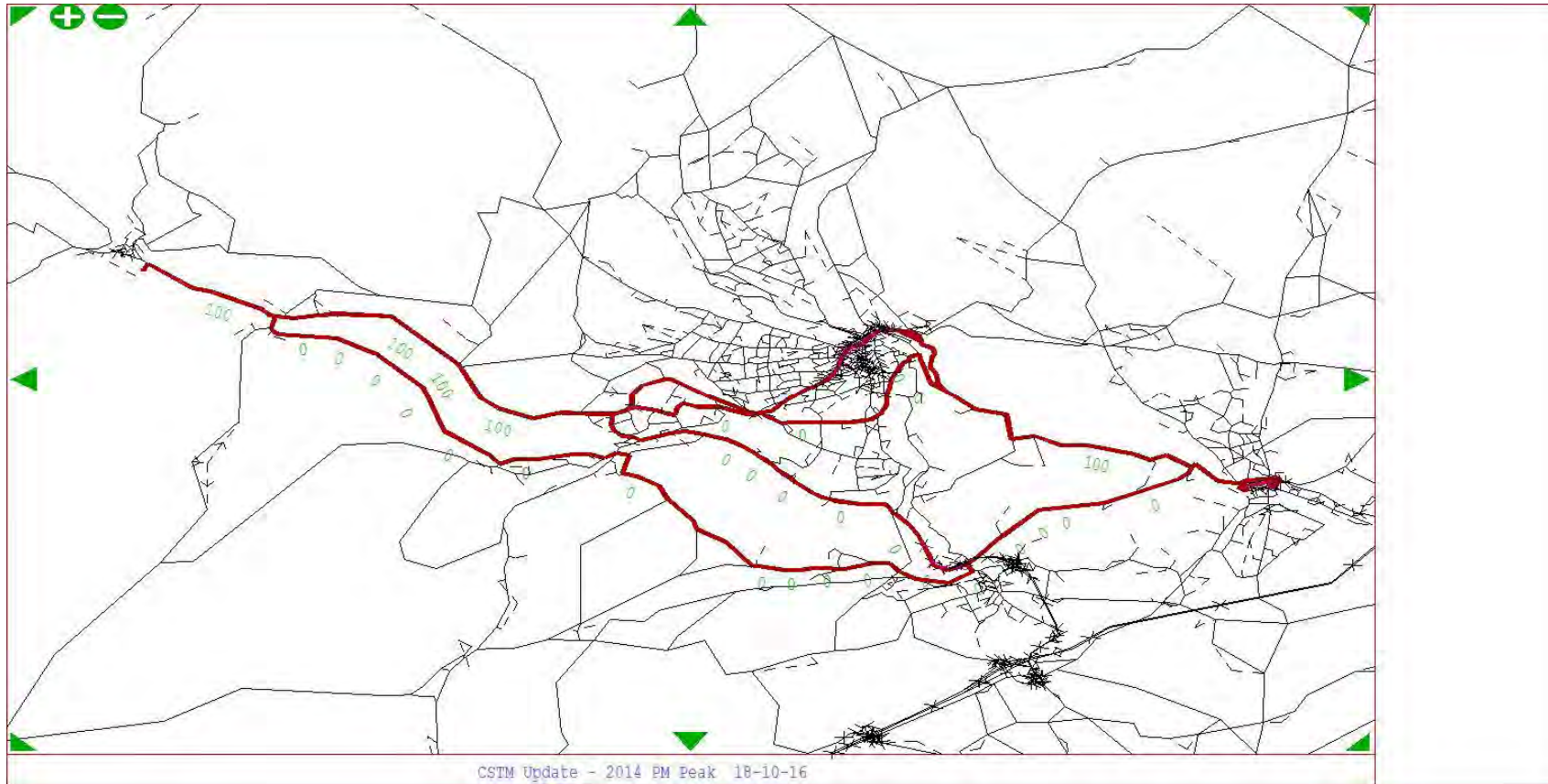


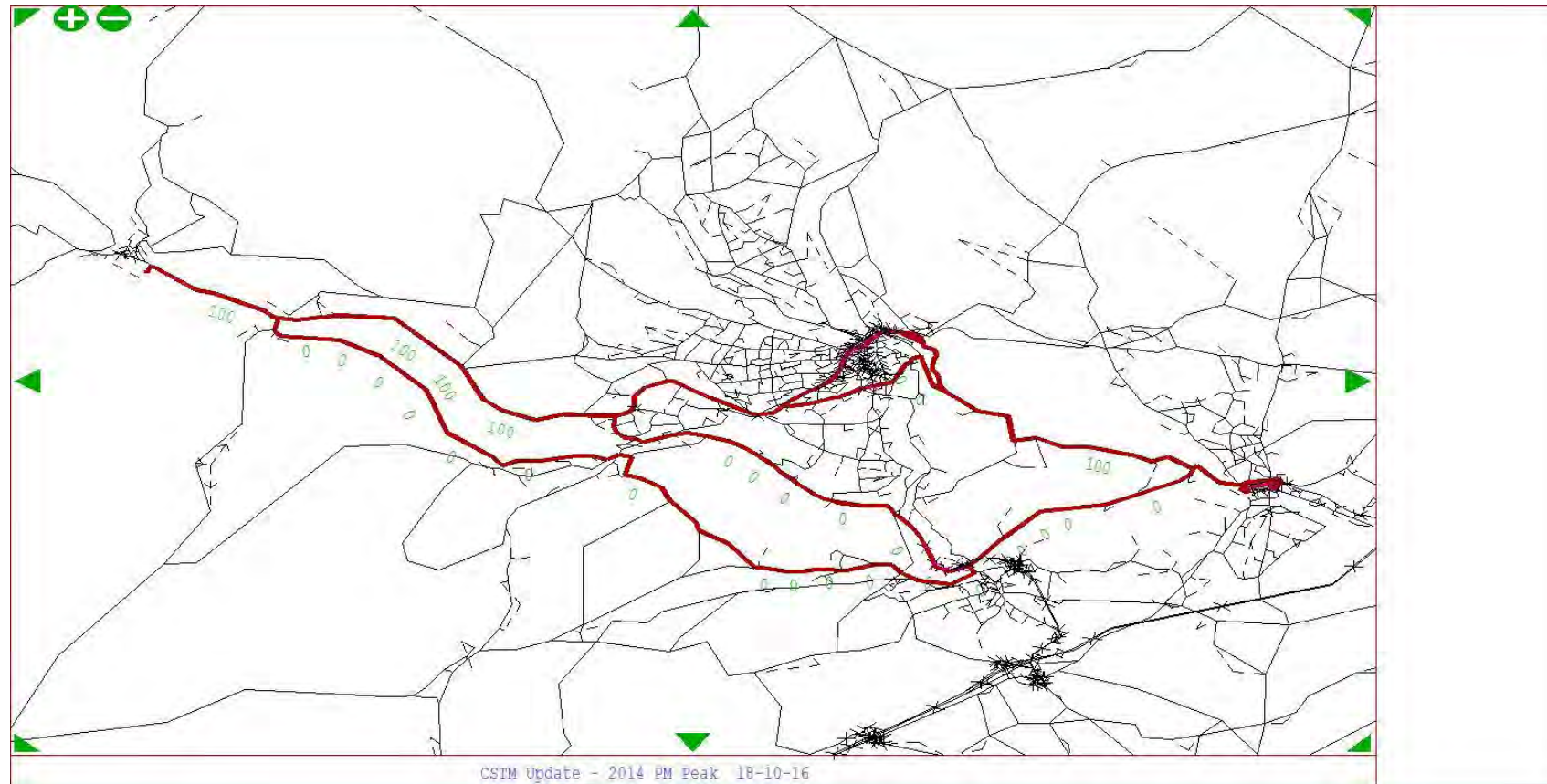


CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16

From Zone 162 To Zone 232 - User Class 4





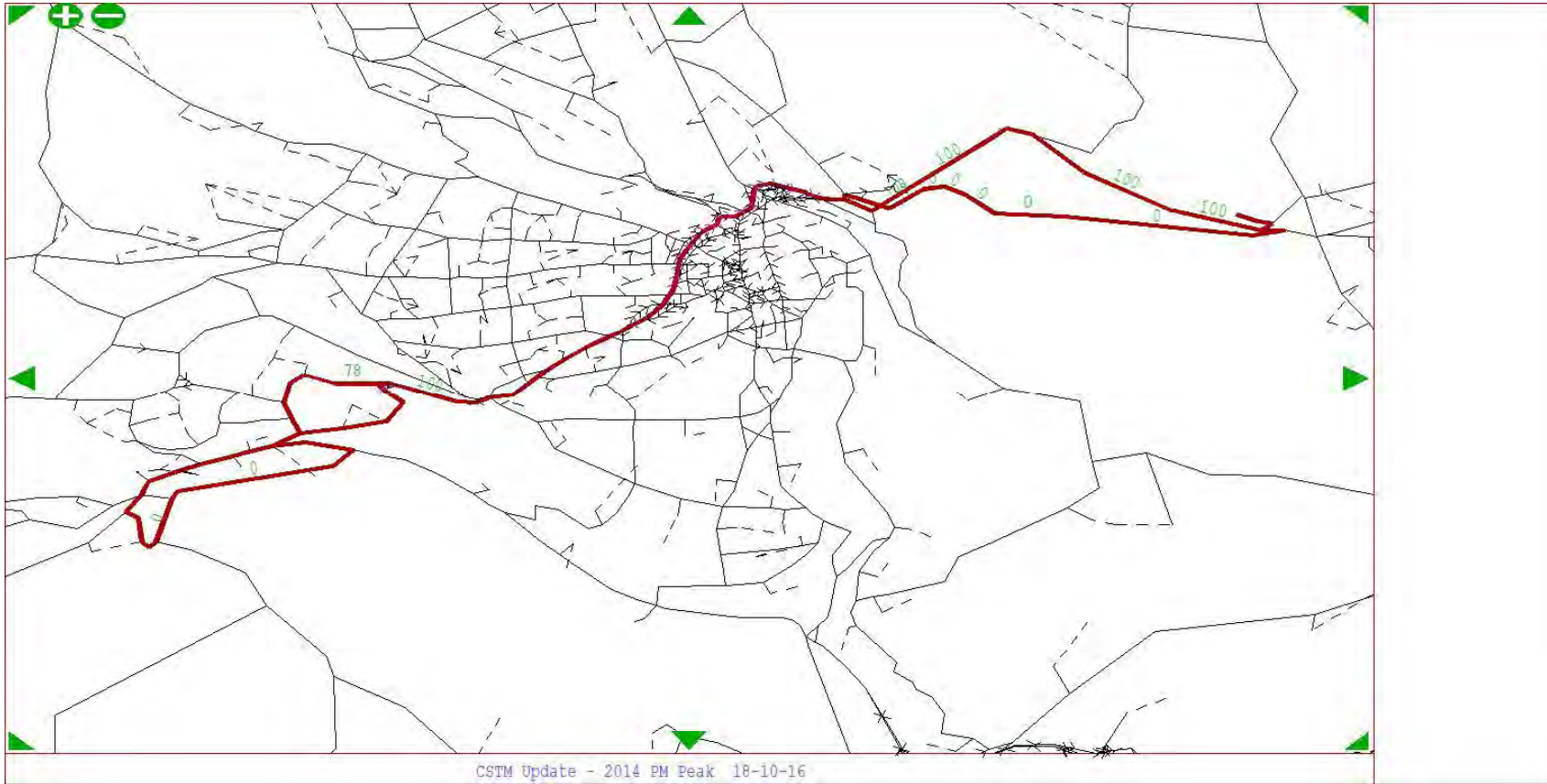


CSTM Update - 2014 PM Peak 18-10-16

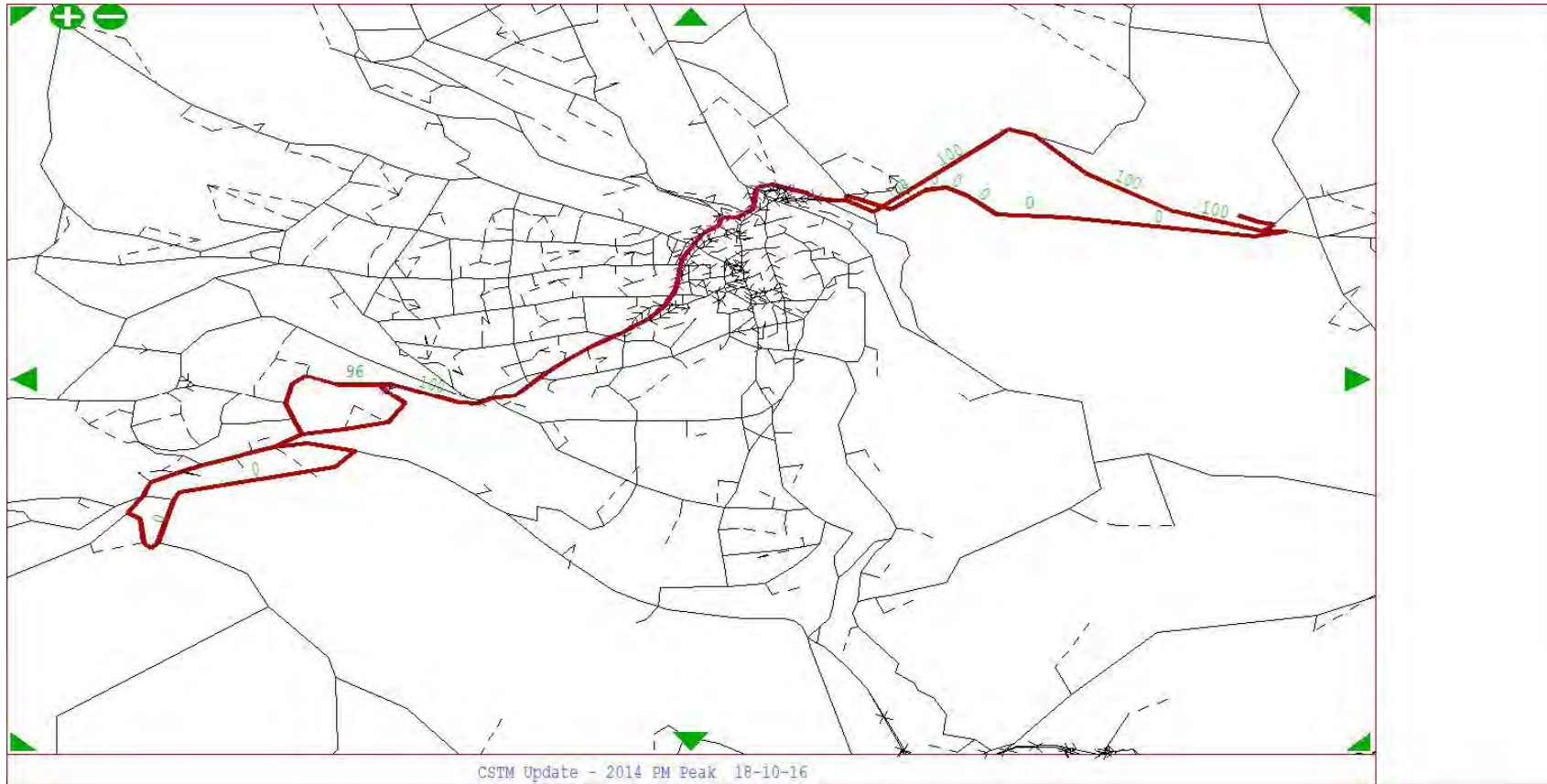


## Sowerby Bridge to Hipperholme

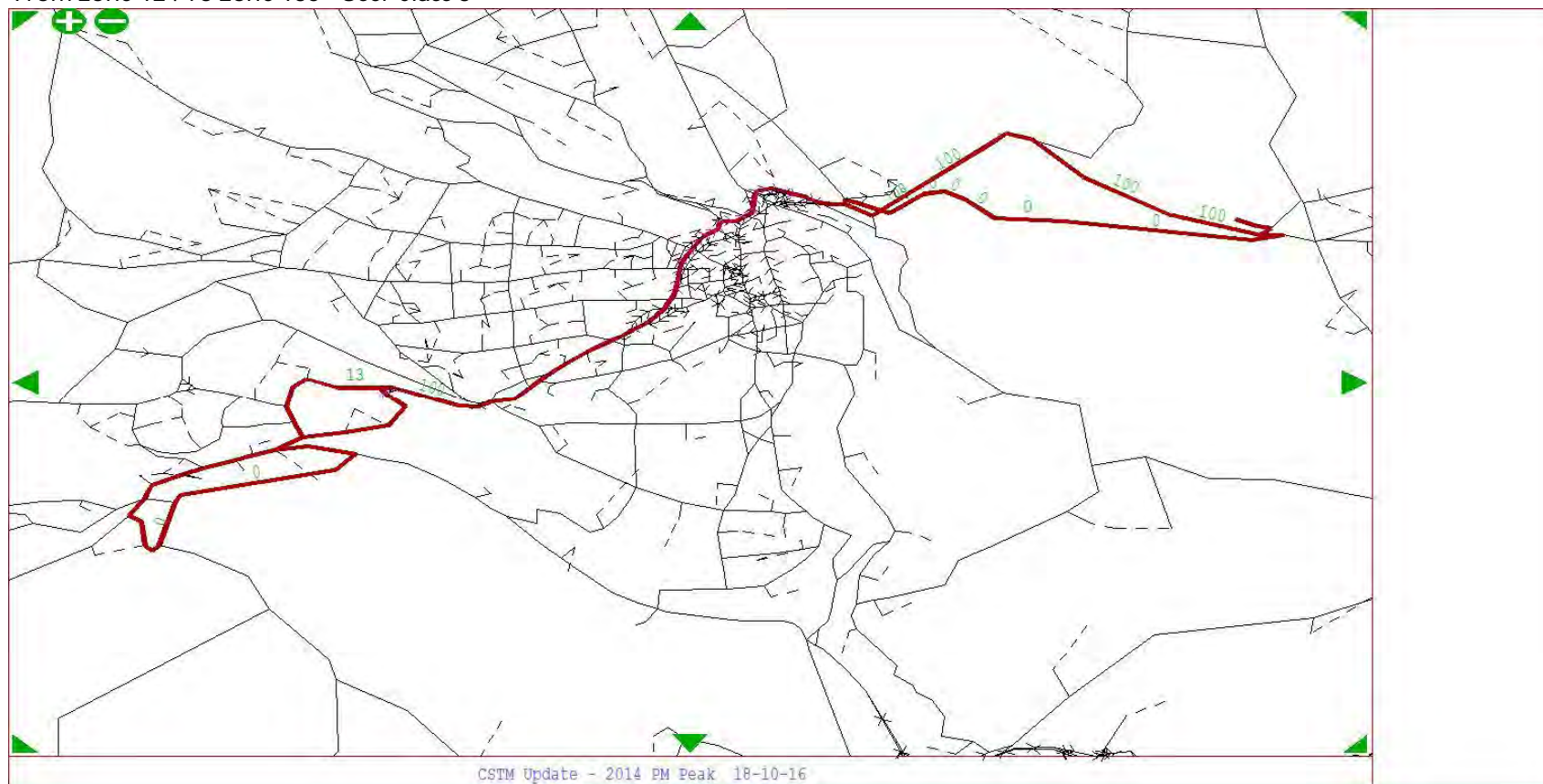
From Zone 124 To Zone 135 - User Class 1



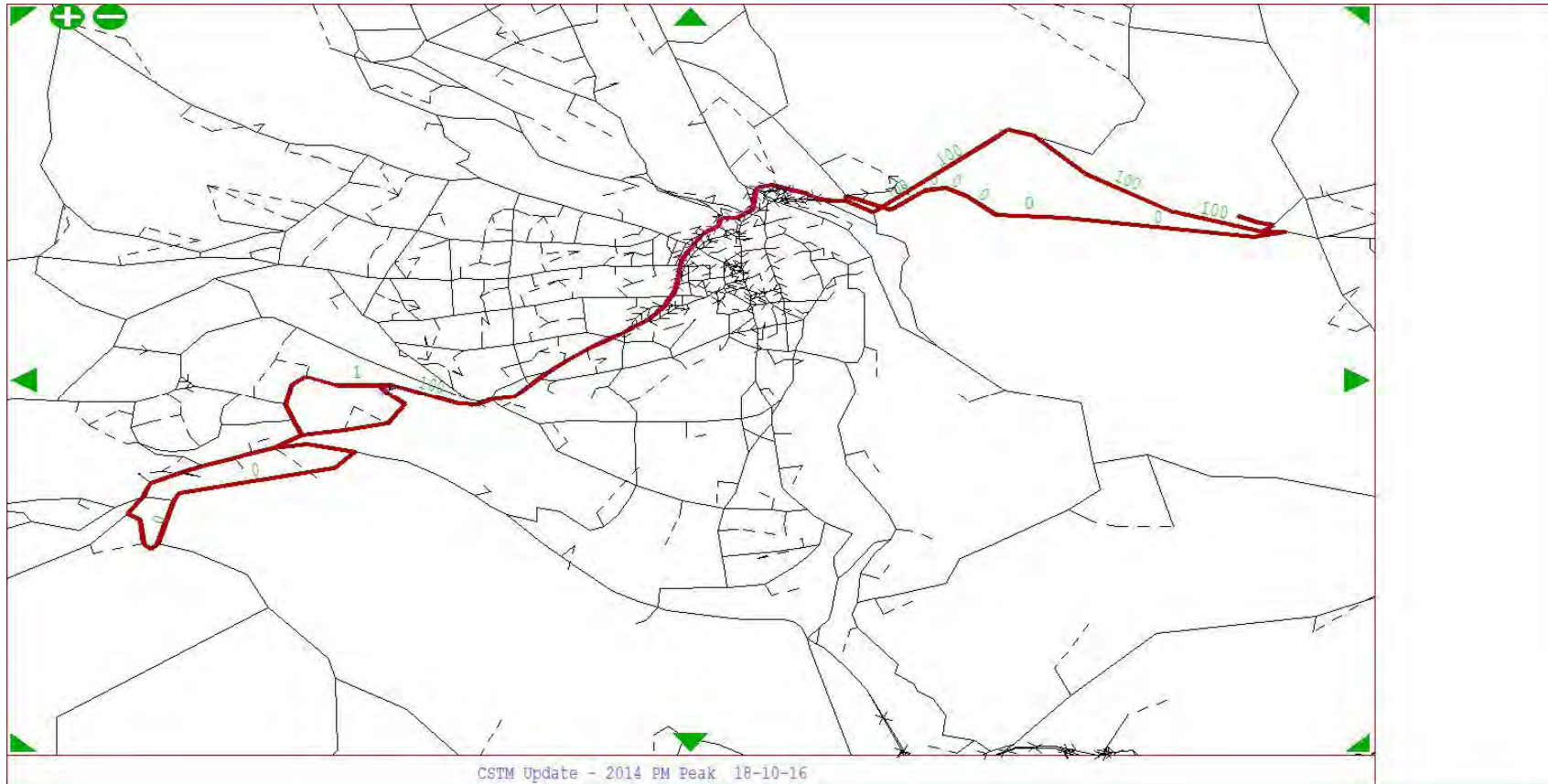
From Zone 124 To Zone 135 - User Class 2



From Zone 124 To Zone 135 - User Class 3

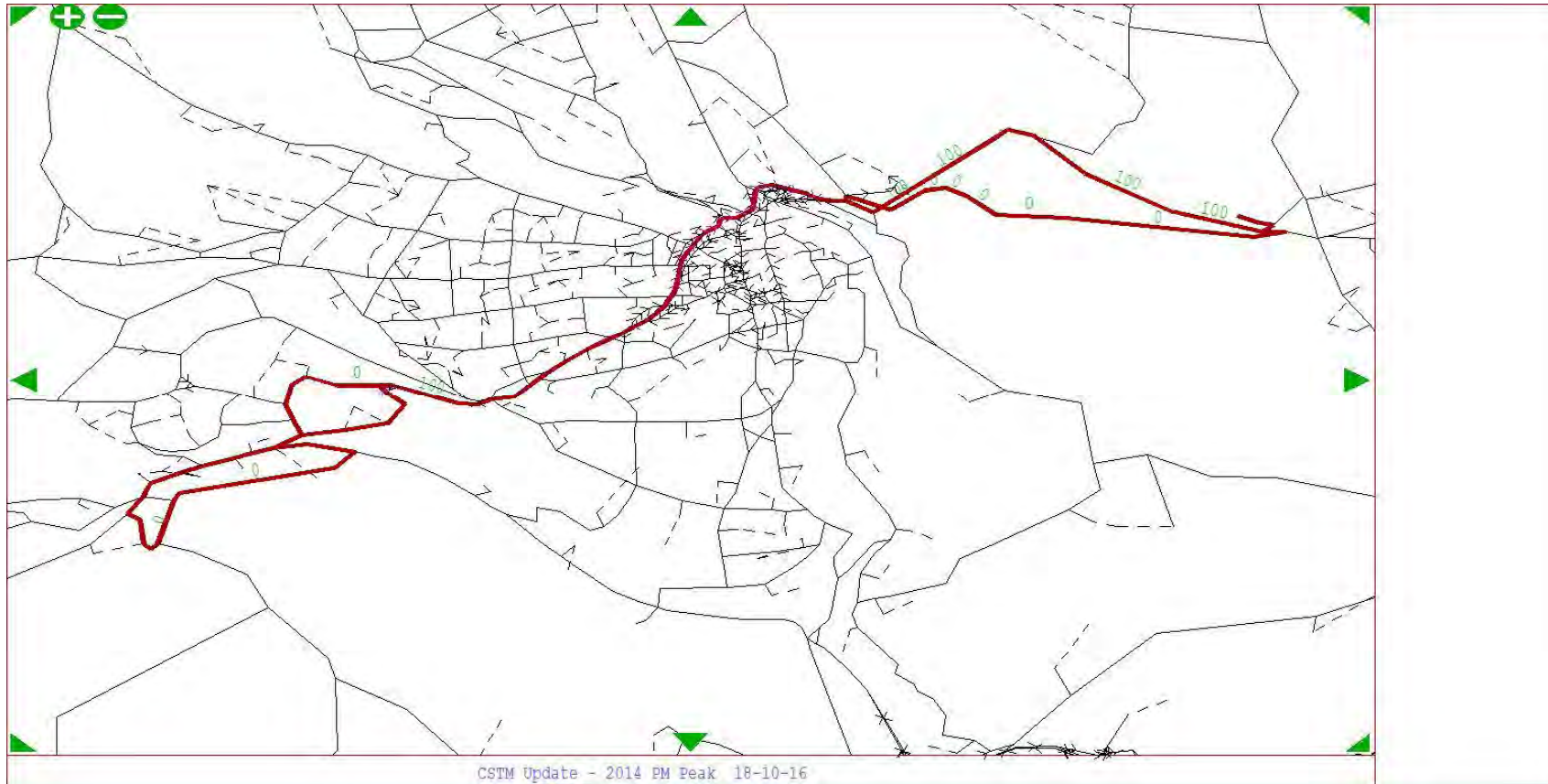


From Zone 124 To Zone 135 - User Class 4

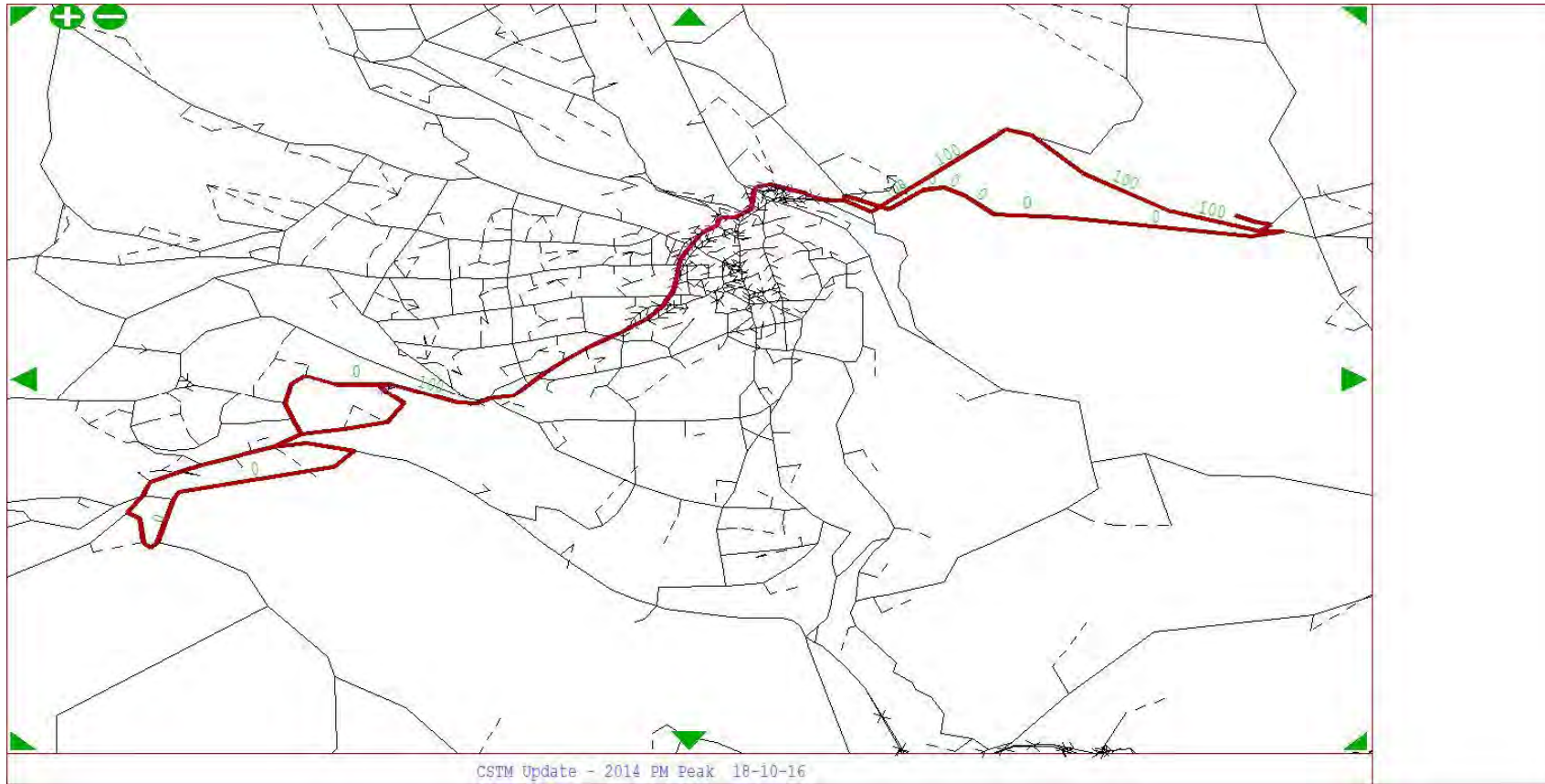




From Zone 124 To Zone 135 - User Class 5

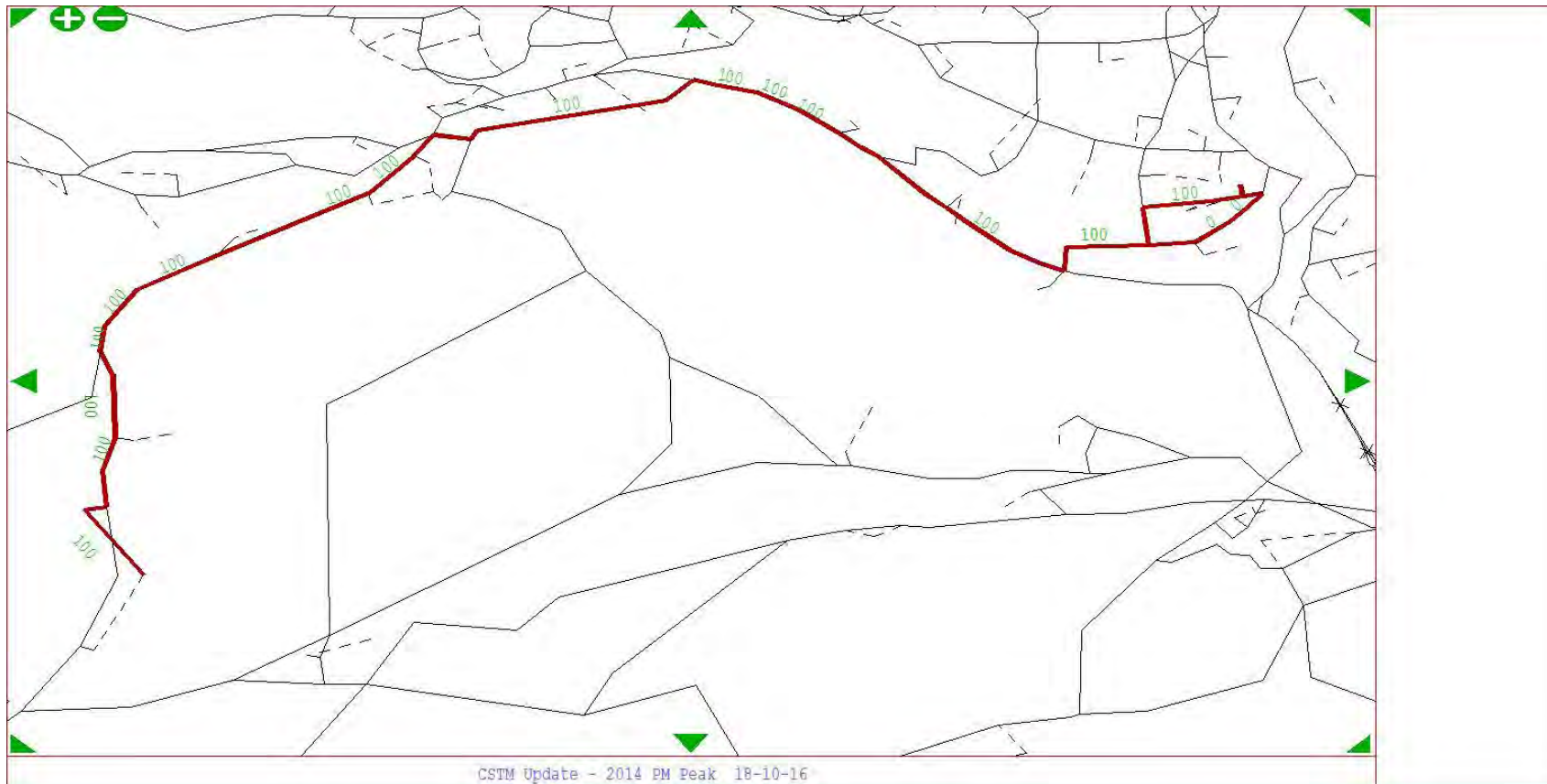


From Zone 124 To Zone 135 - User Class 6

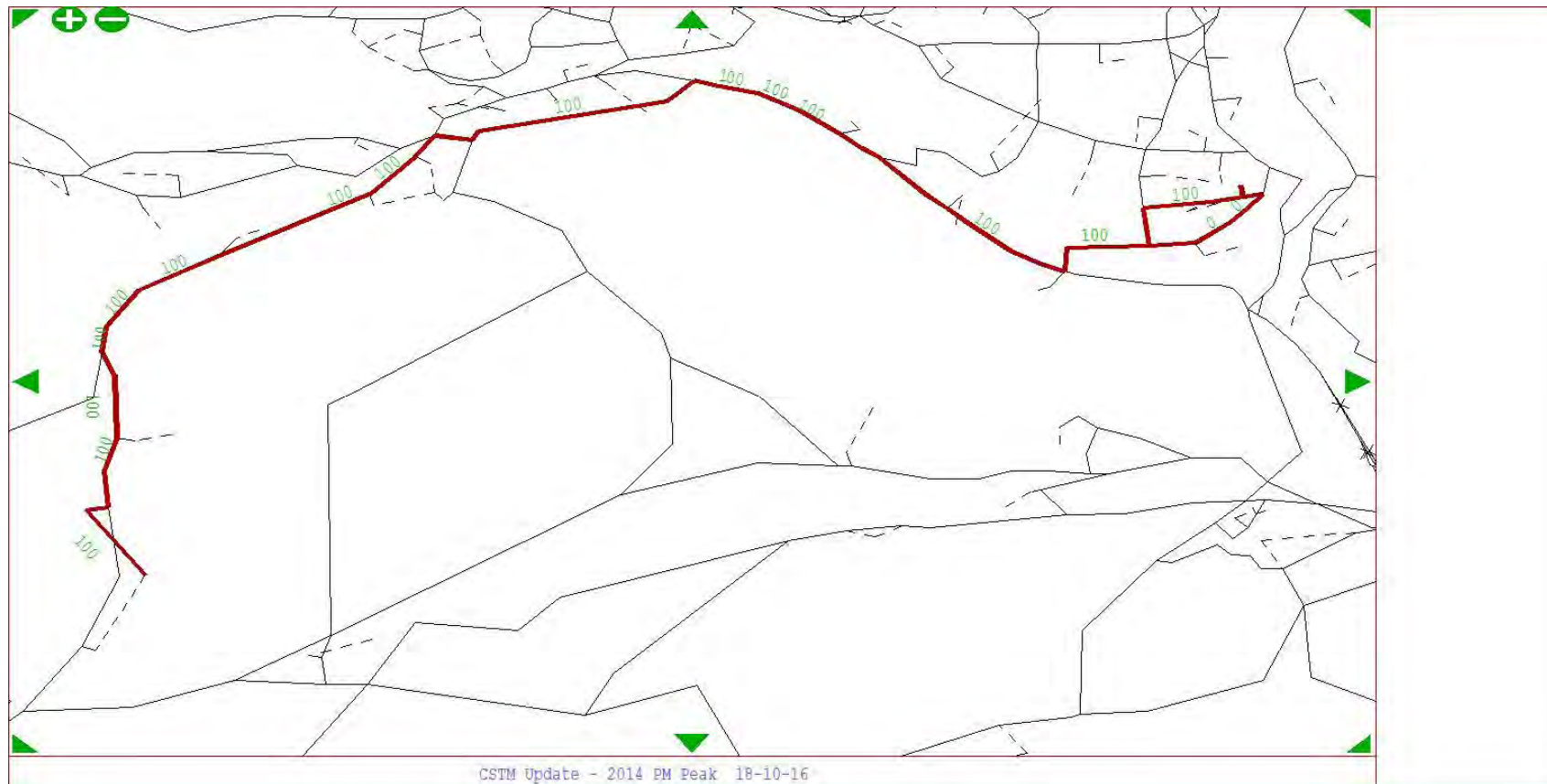


# Ripponden to Calder Royal Hospital

From Zone 214 To Zone 836 - User Class 1

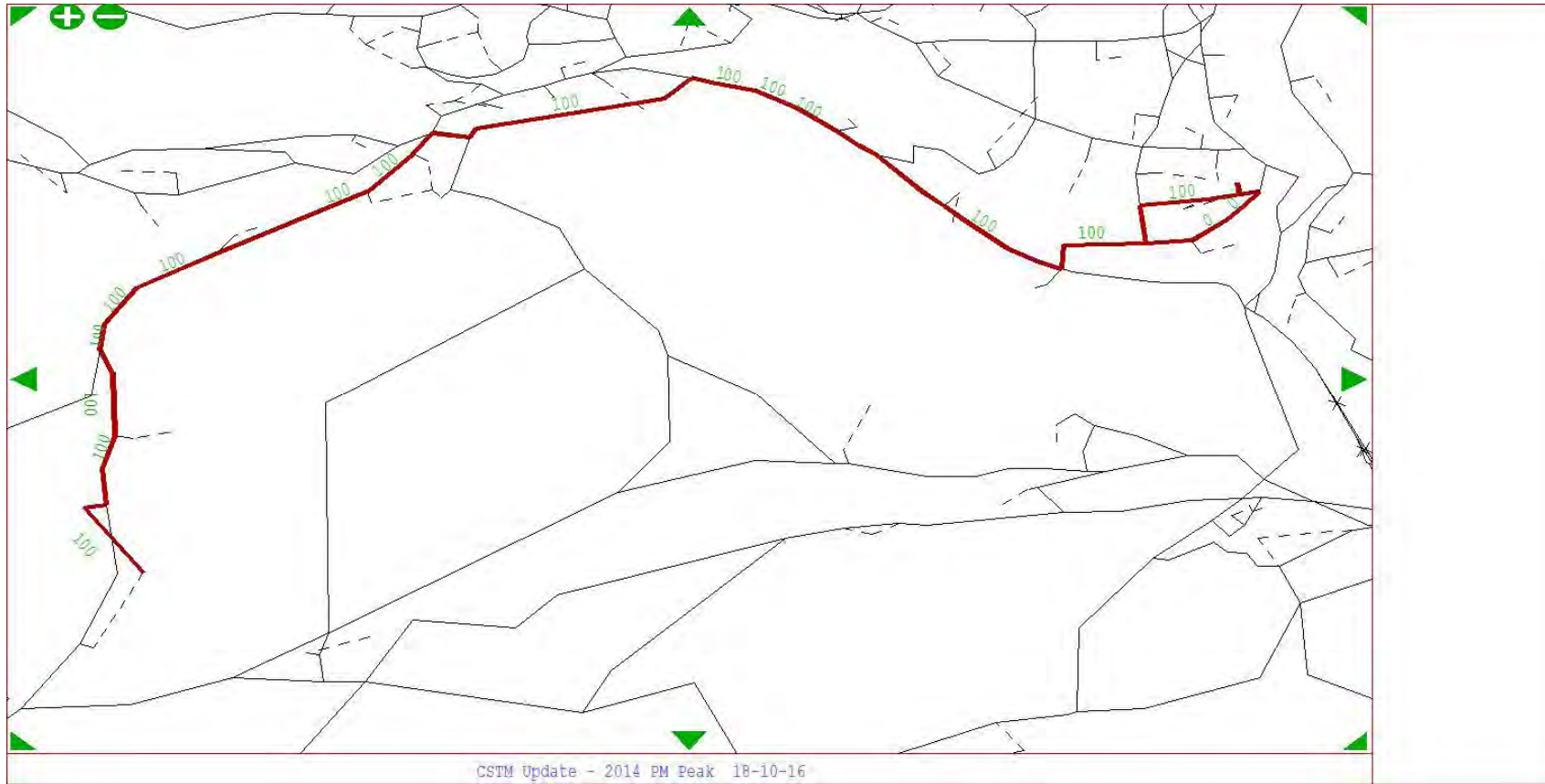


From Zone 214 To Zone 836 - User Class 2

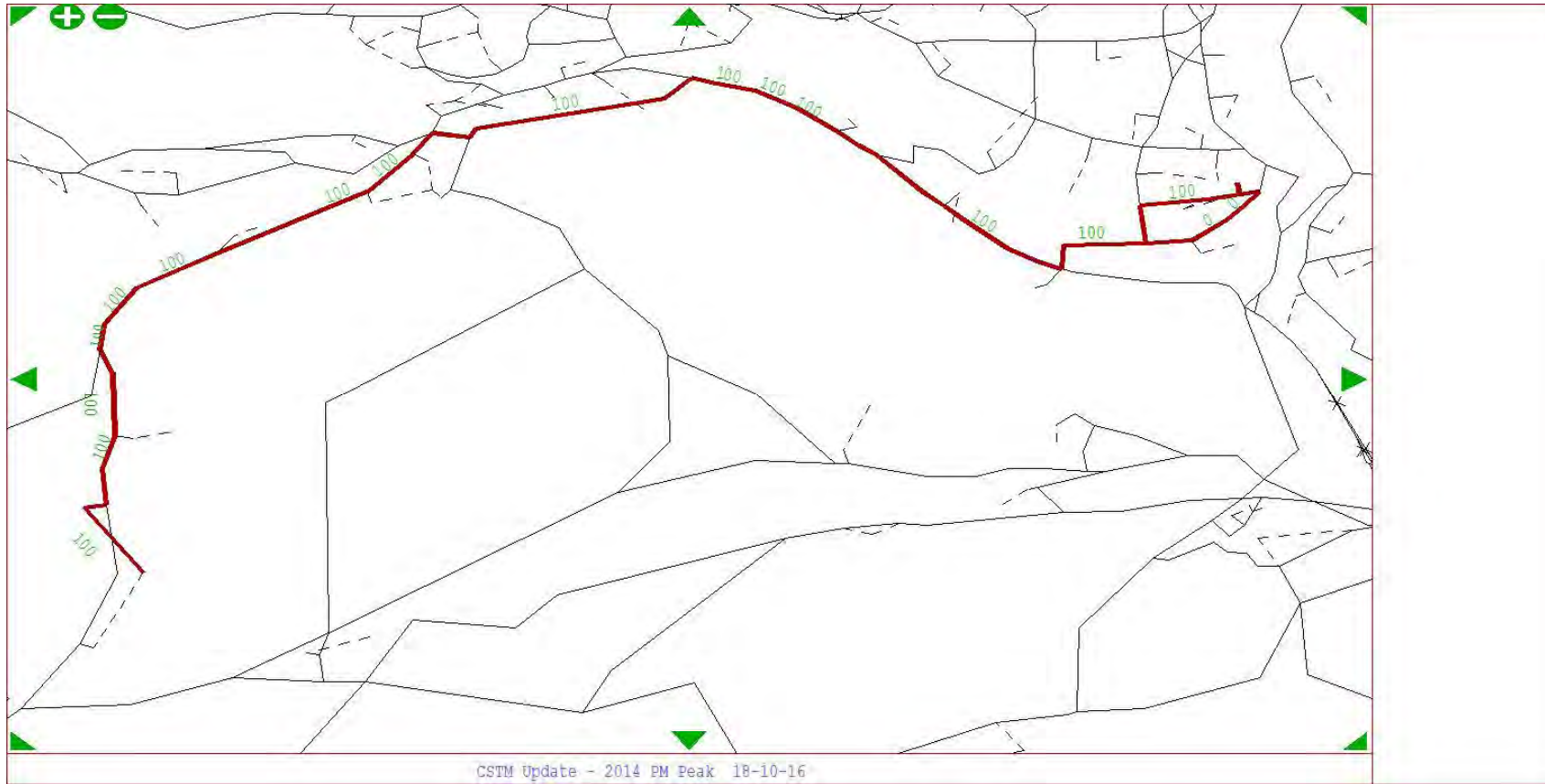




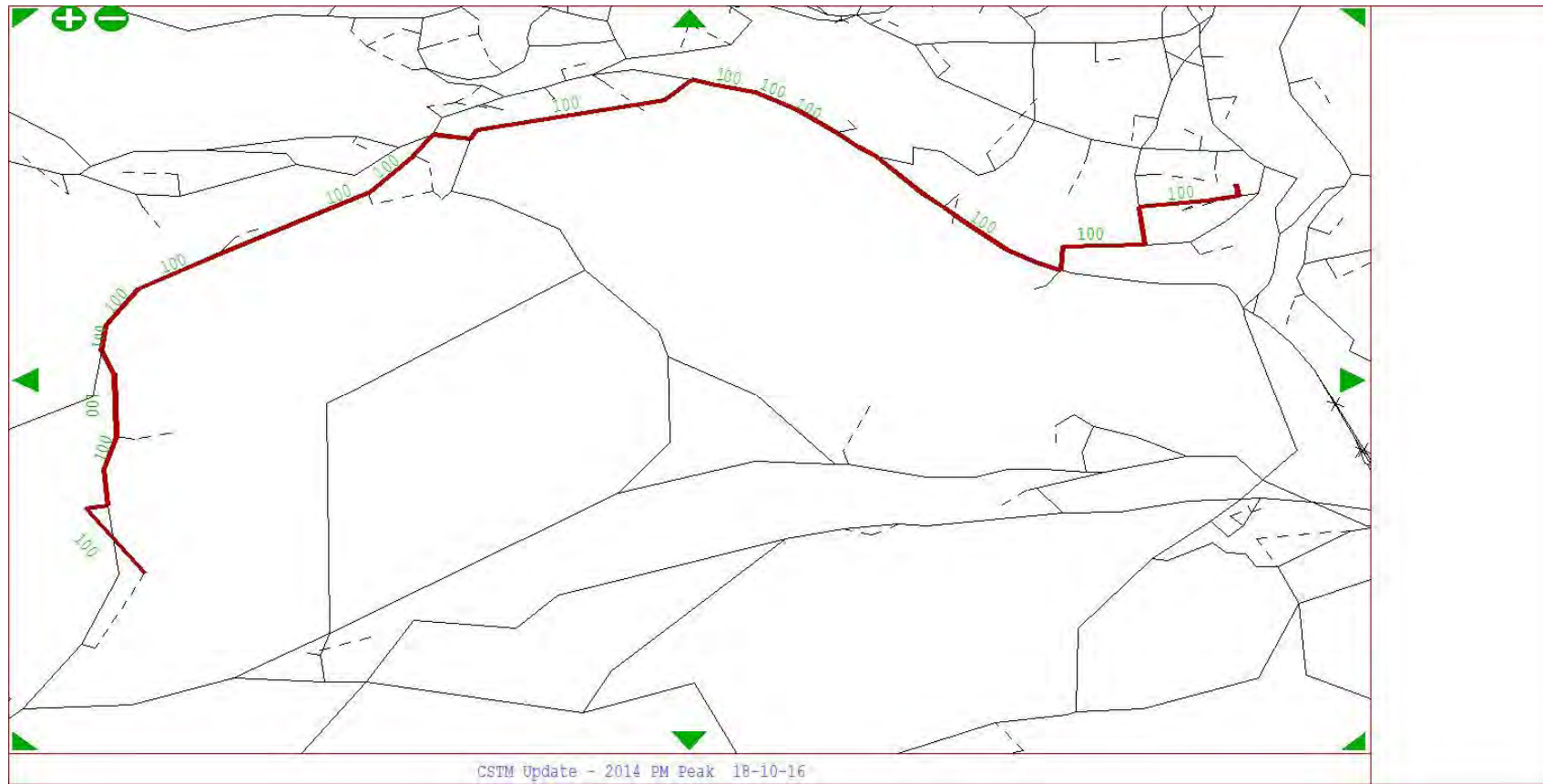
From Zone 214 To Zone 836 - User Class 3



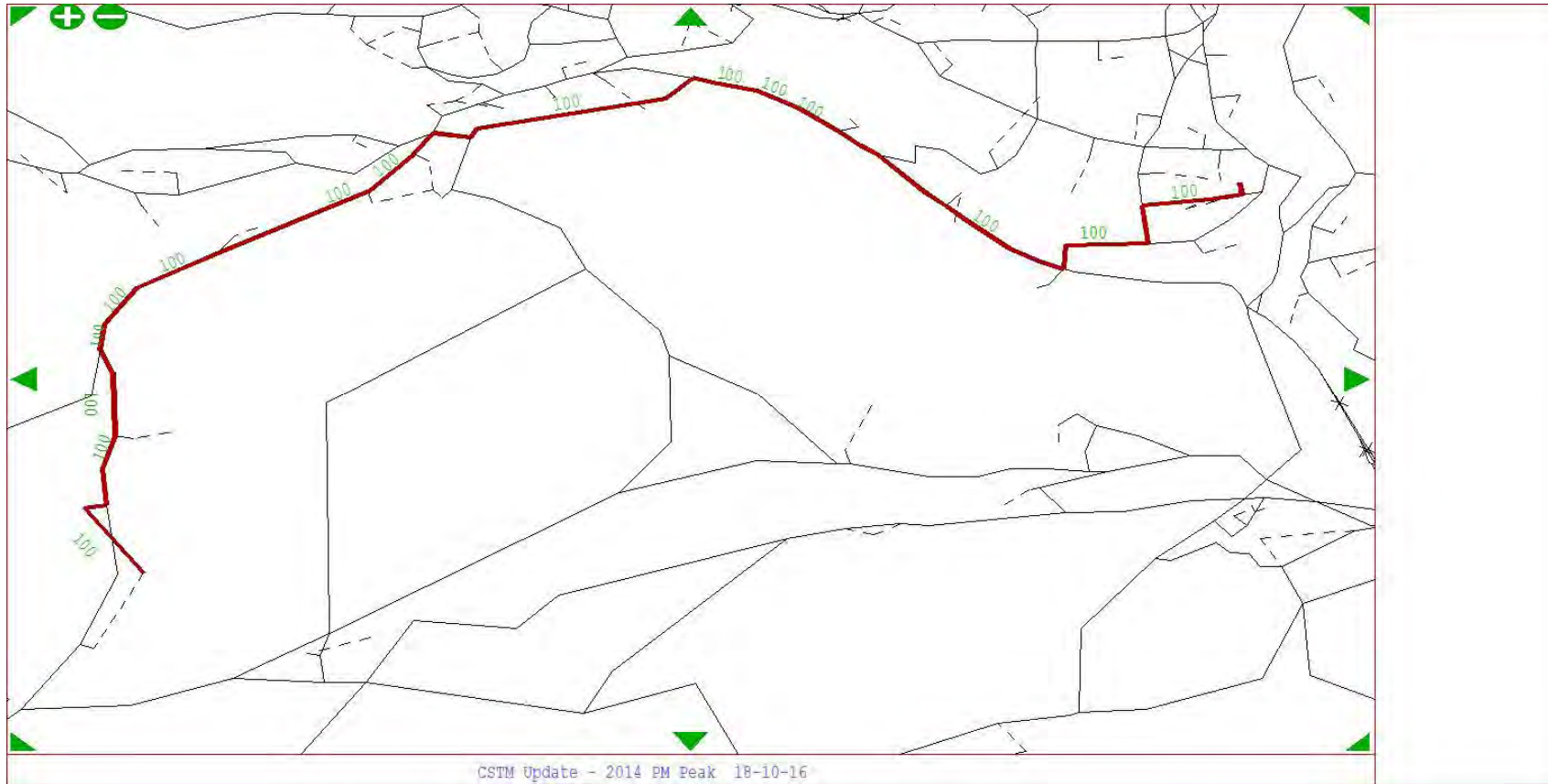
From Zone 214 To Zone 836 - User Class 4



From Zone 214 To Zone 836 - User Class 5



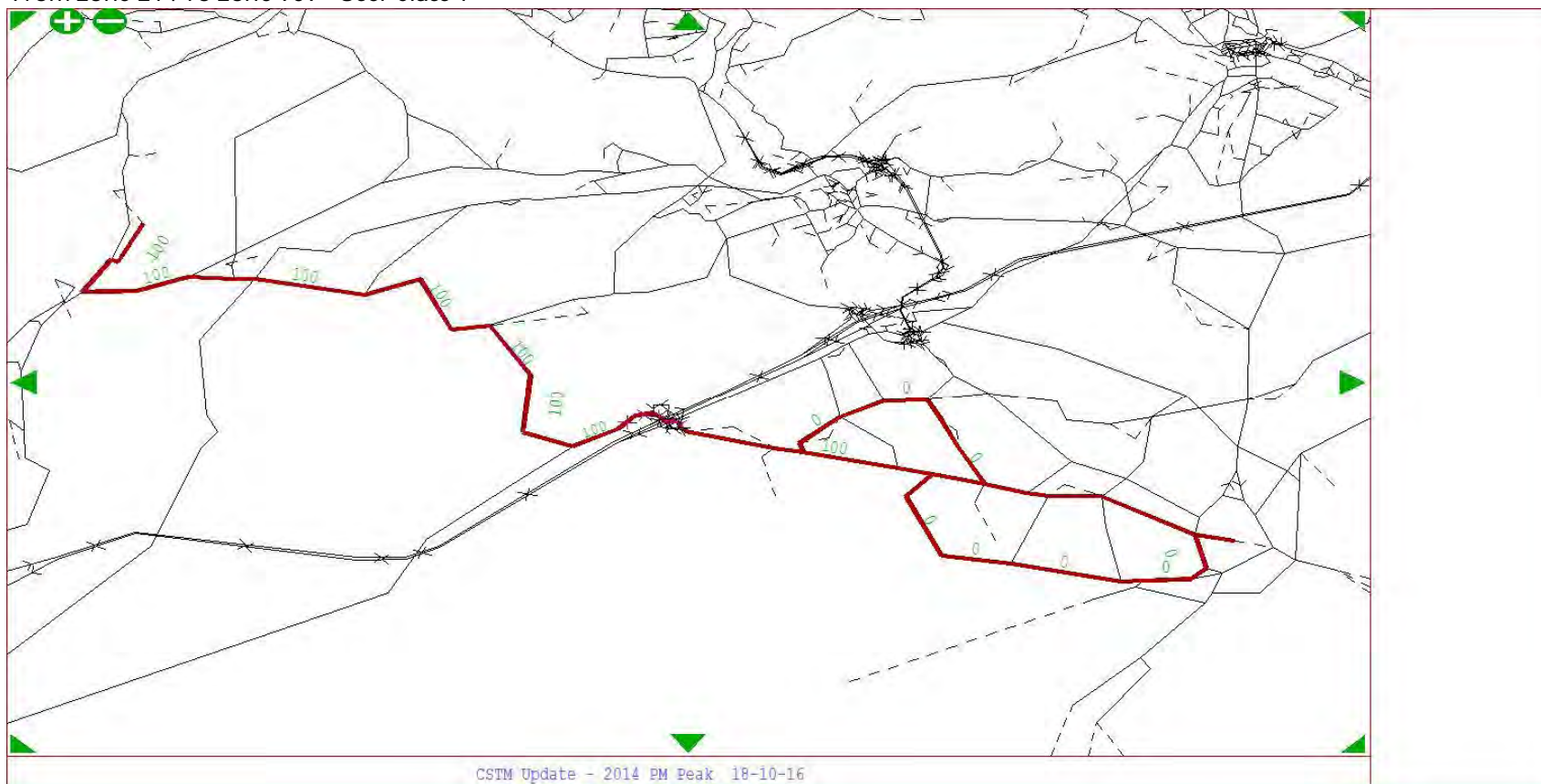
From Zone 214 To Zone 836 - User Class 6





From Zone 214 To Zone 909 - User Class 1

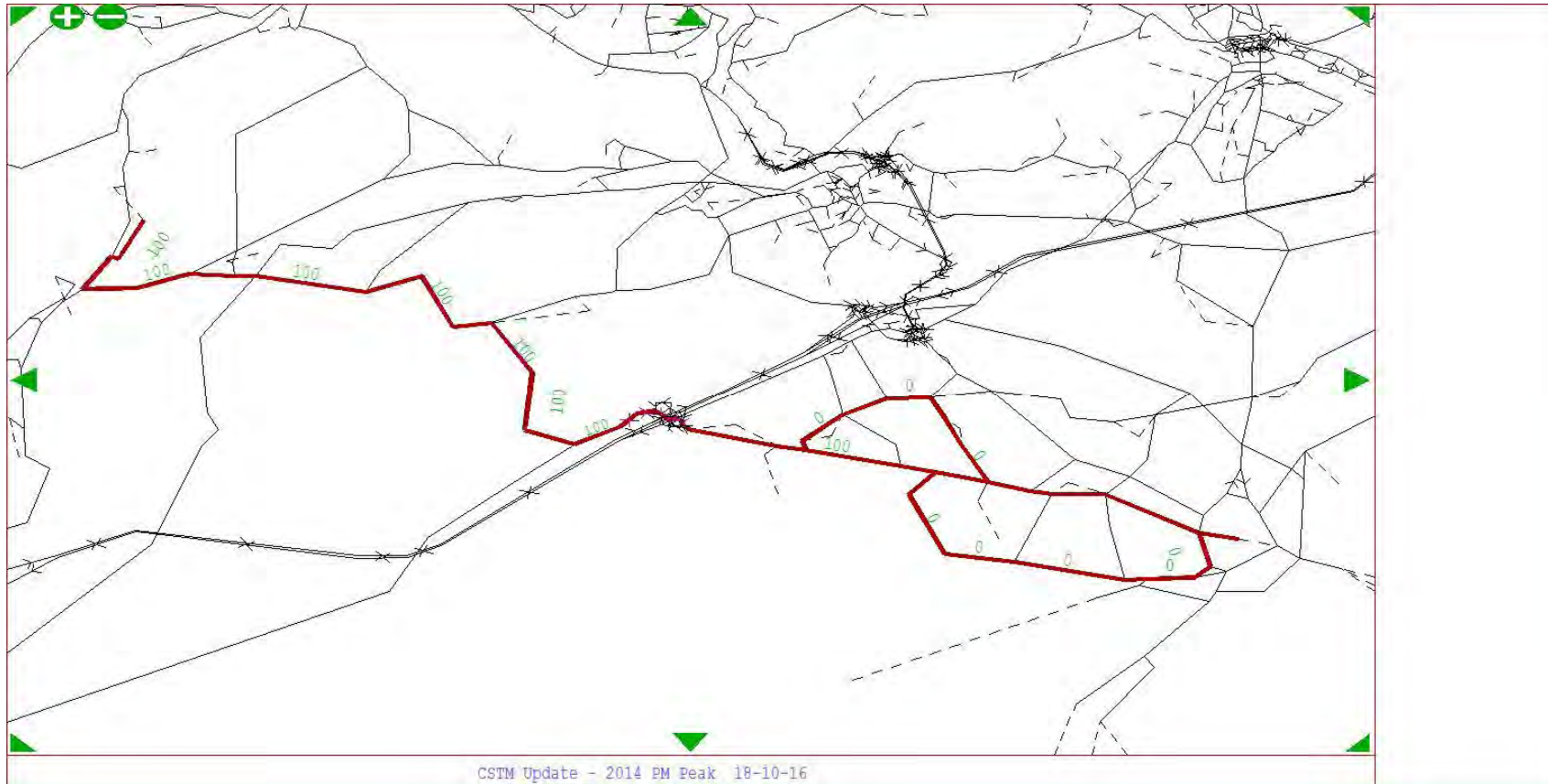
From Zone 214 To Zone 909 - User Class 1



CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16

From Zone 214 To Zone 909 - User Class 4





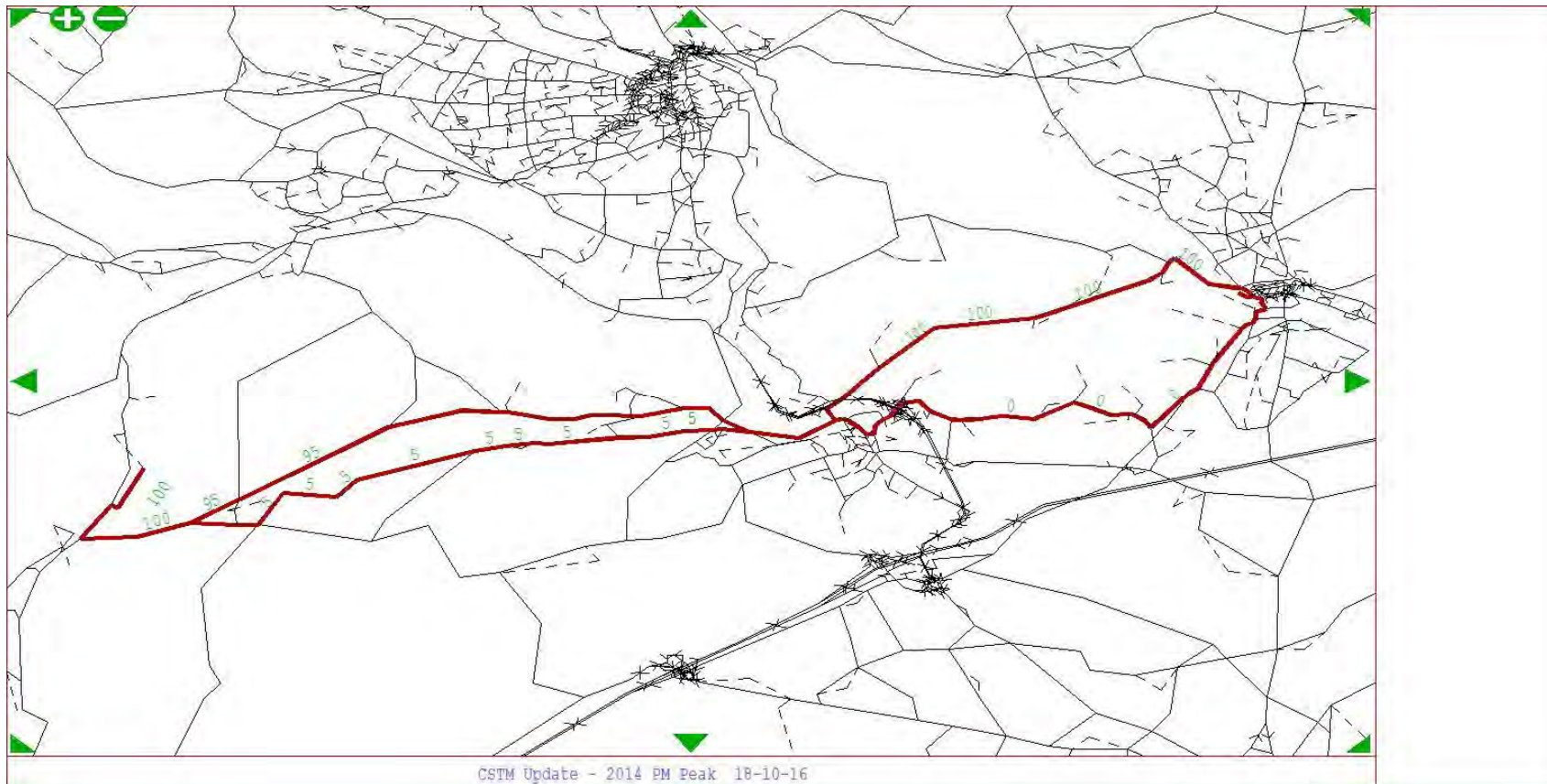
CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16

From Zone 214 To Zone 162 - User Class 1

From Zone 214 To Zone 162 - User Class 1



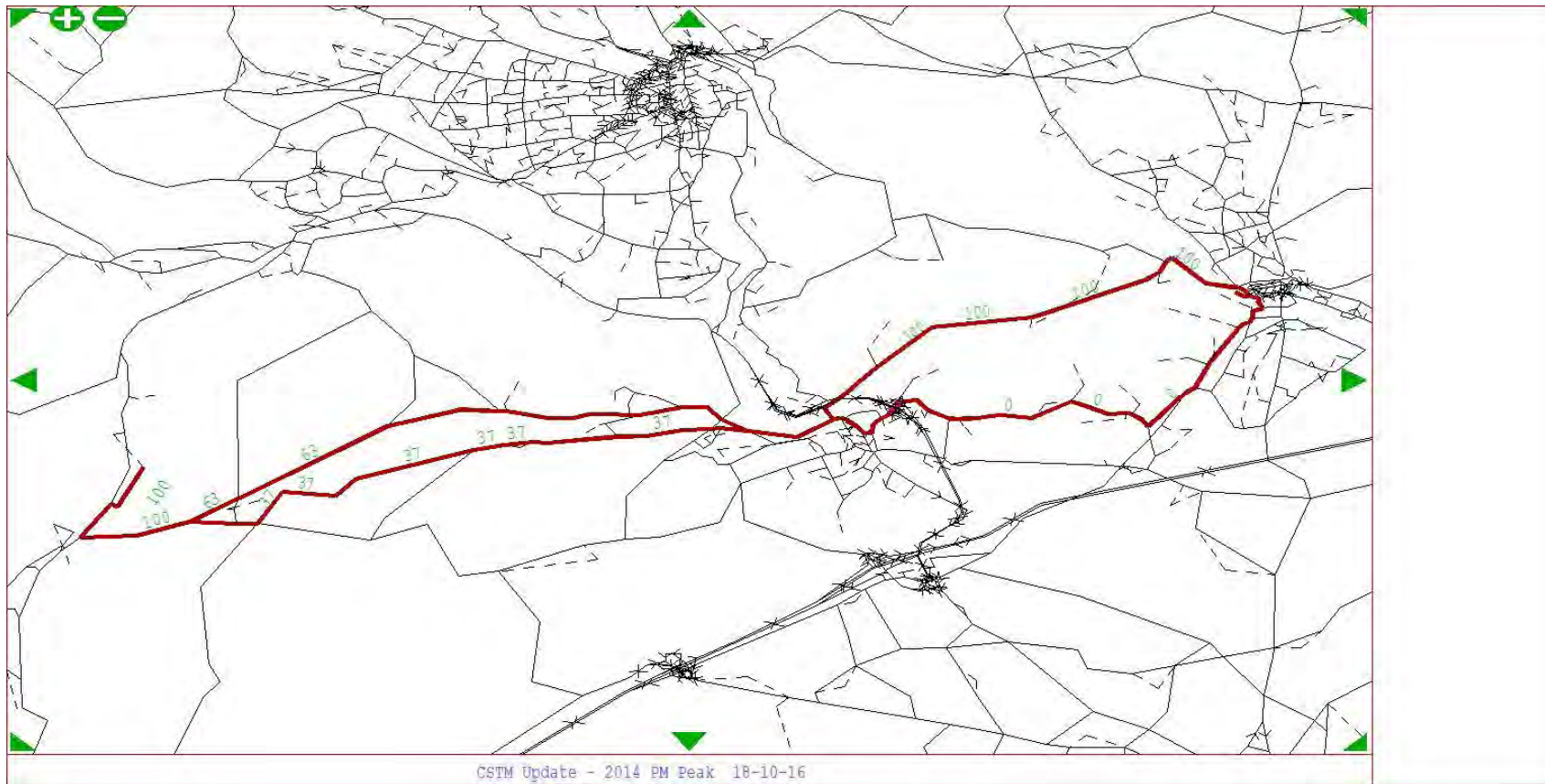


CSTM Update - 2014 PM Peak 18-10-16



CSTM Update - 2014 PM Peak 18-10-16

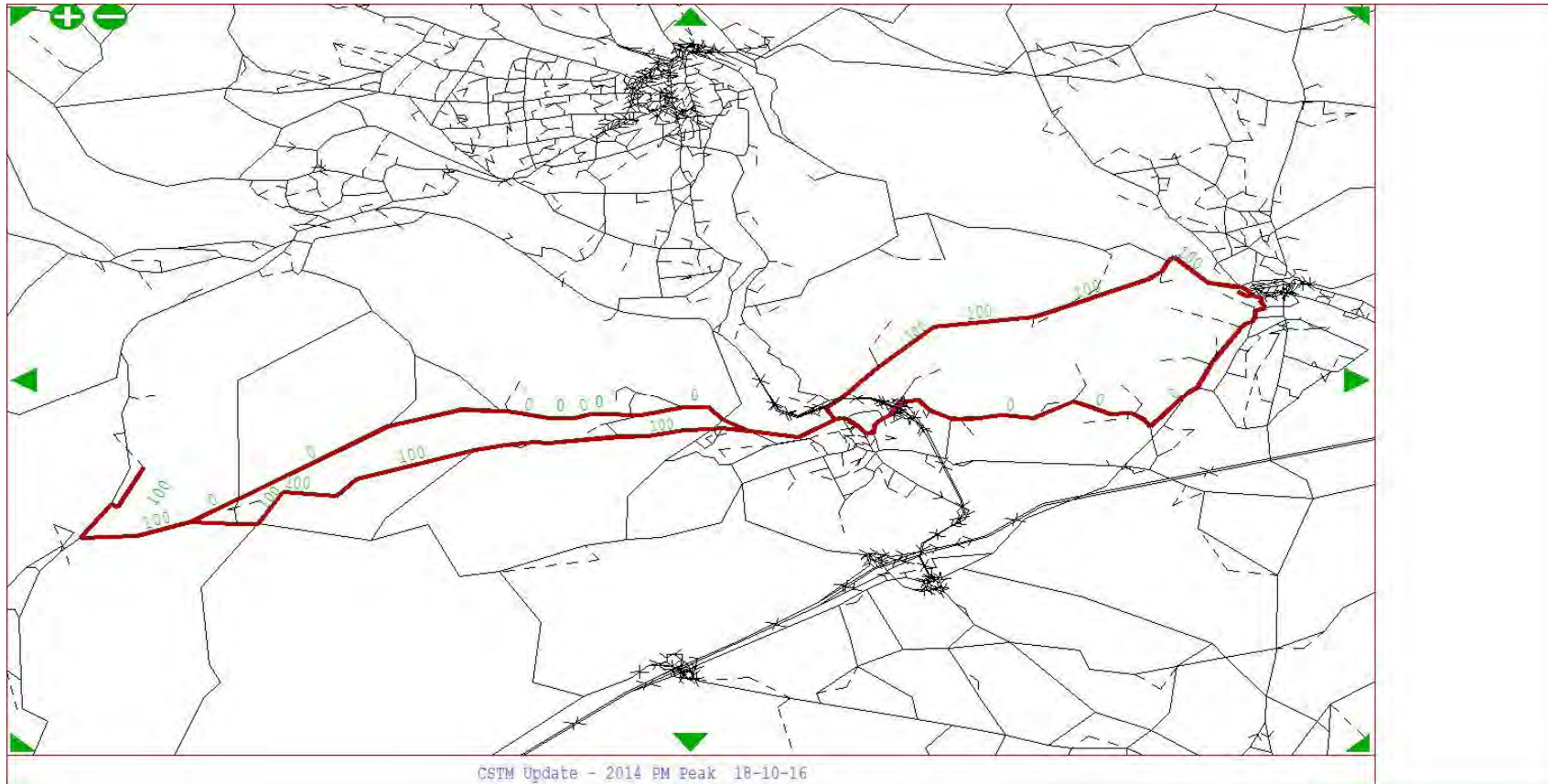
From Zone 214 To Zone 162 - User Class 4



CSTM Update - 2014 PM Peak 18-10-16



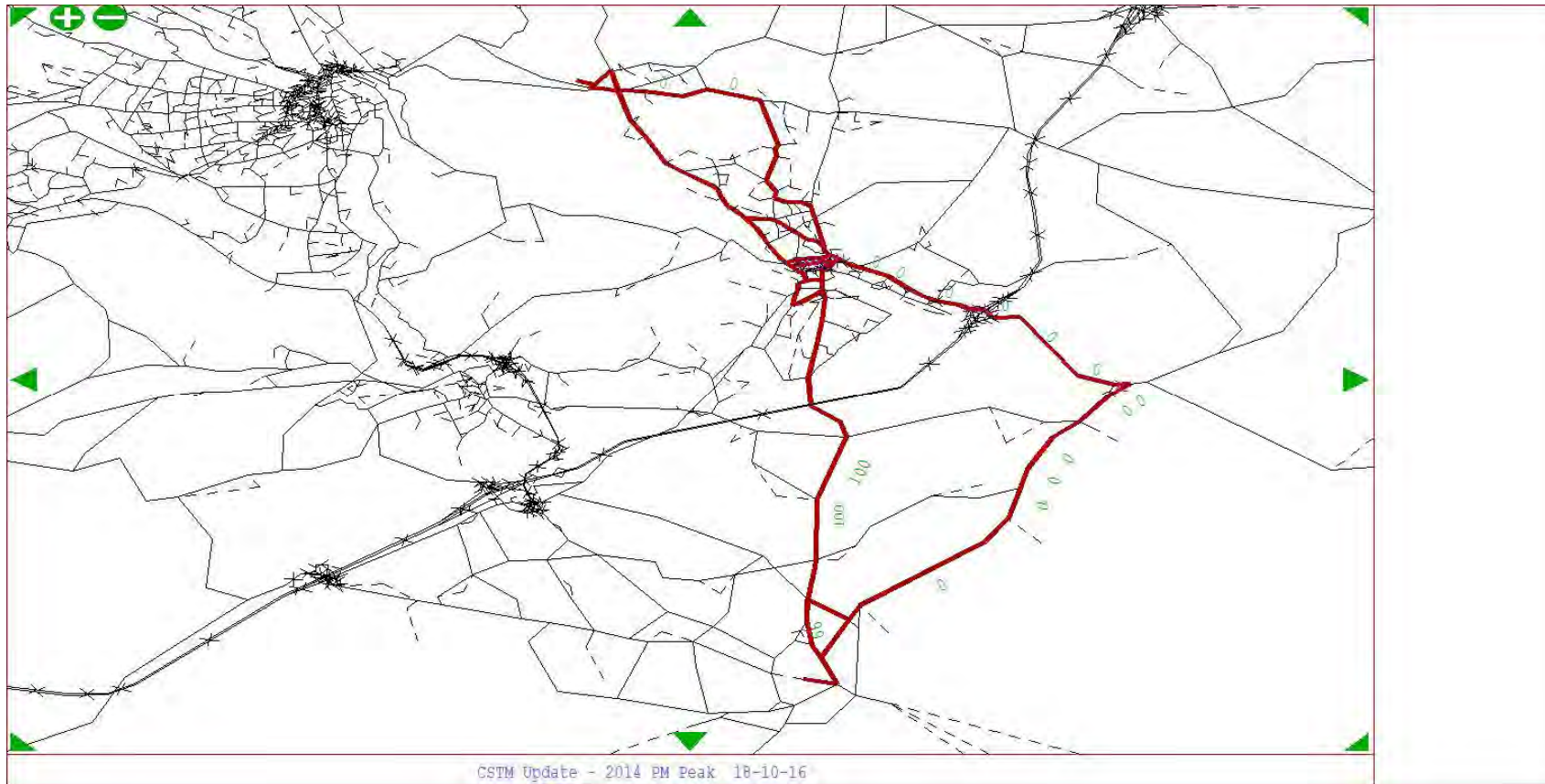
From Zone 214 To Zone 162 - User Class 6





# Hipperholme to Huddersfield

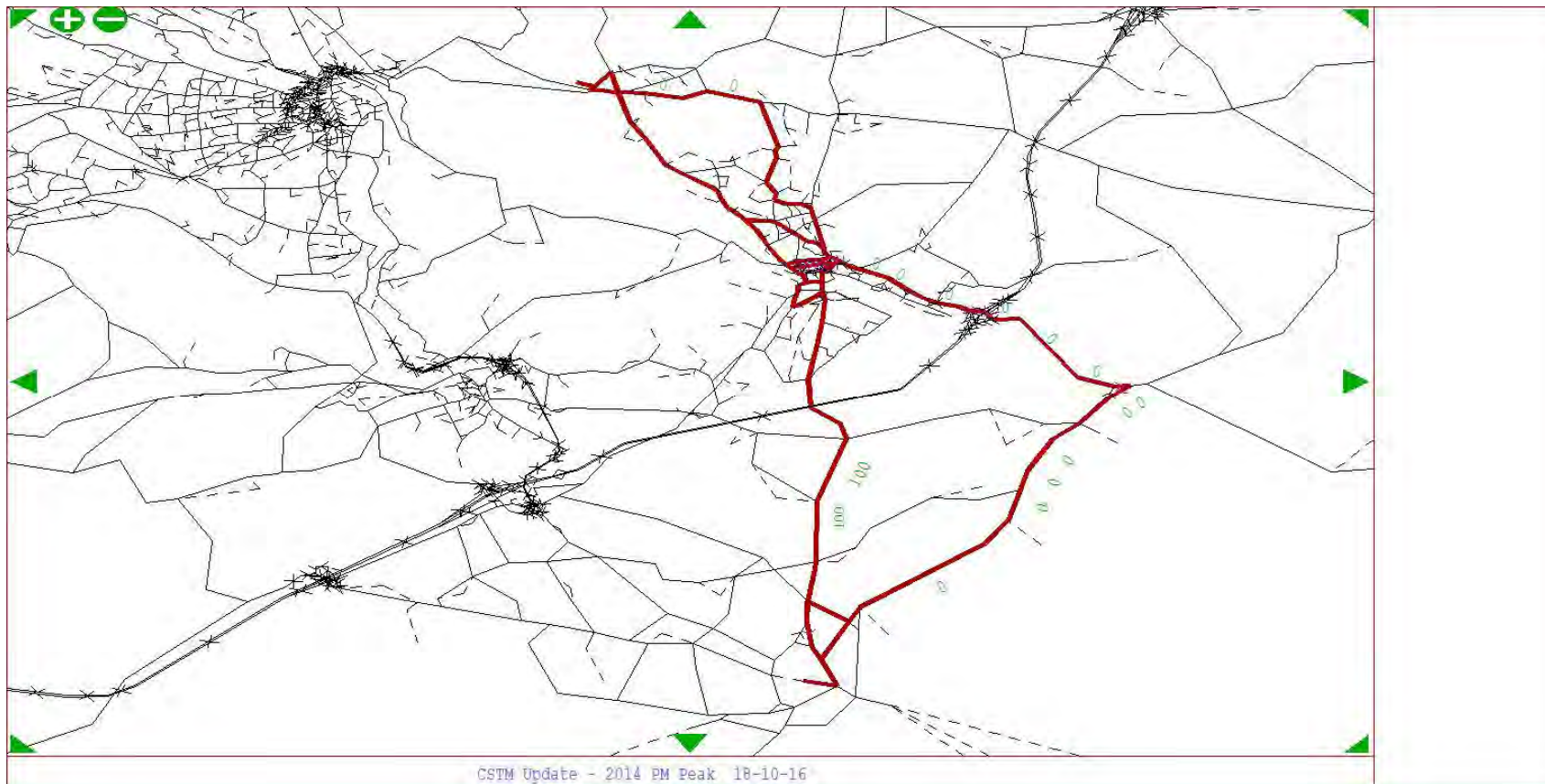
From Zone 135 To Zone 909 - User Class 1



CSTM Update - 2014 PM Peak 18-10-16

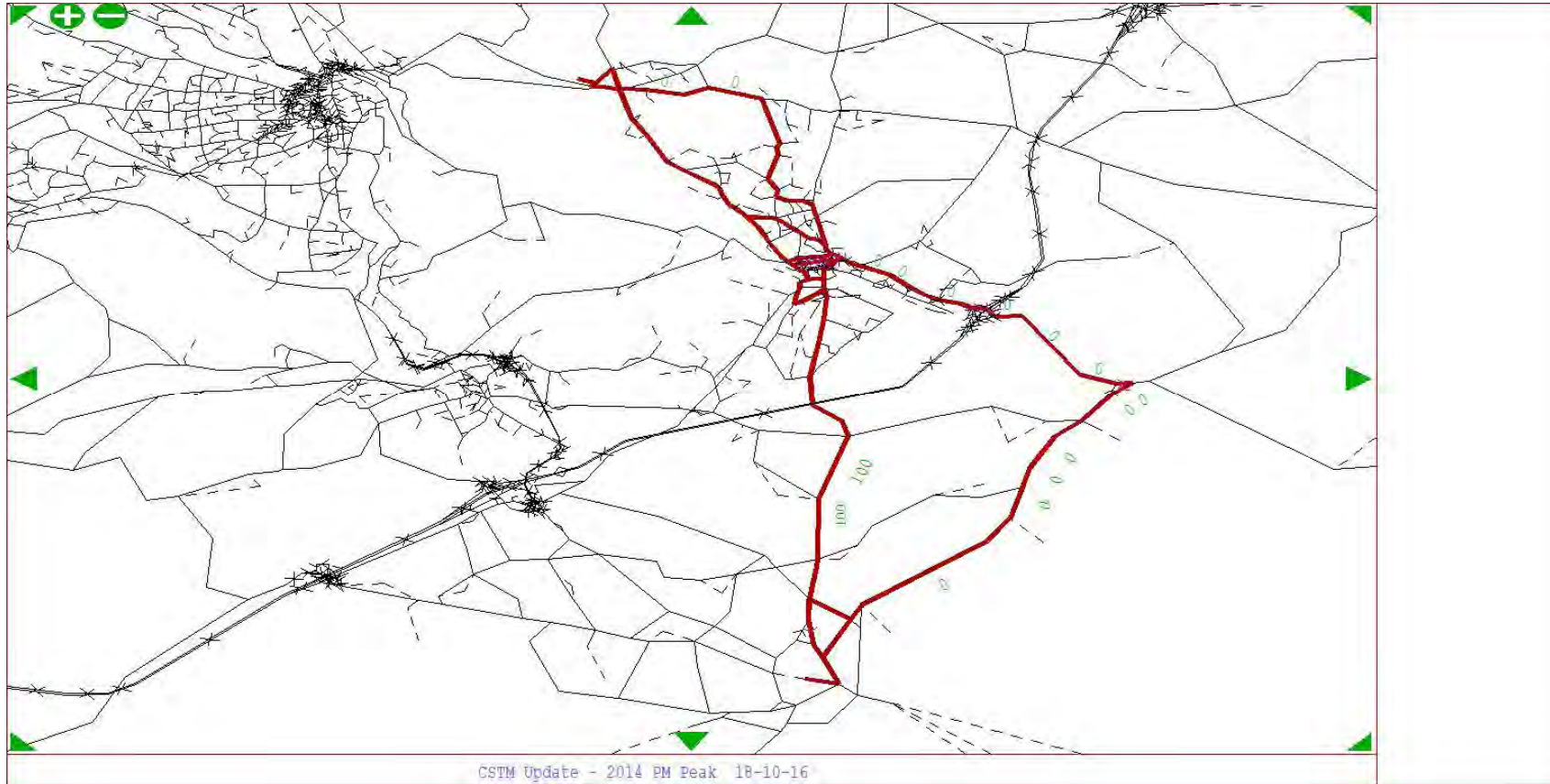
CSTM Update - 2014 PM Peak 18-10-16

From Zone 135 To Zone 909 - User Class 3



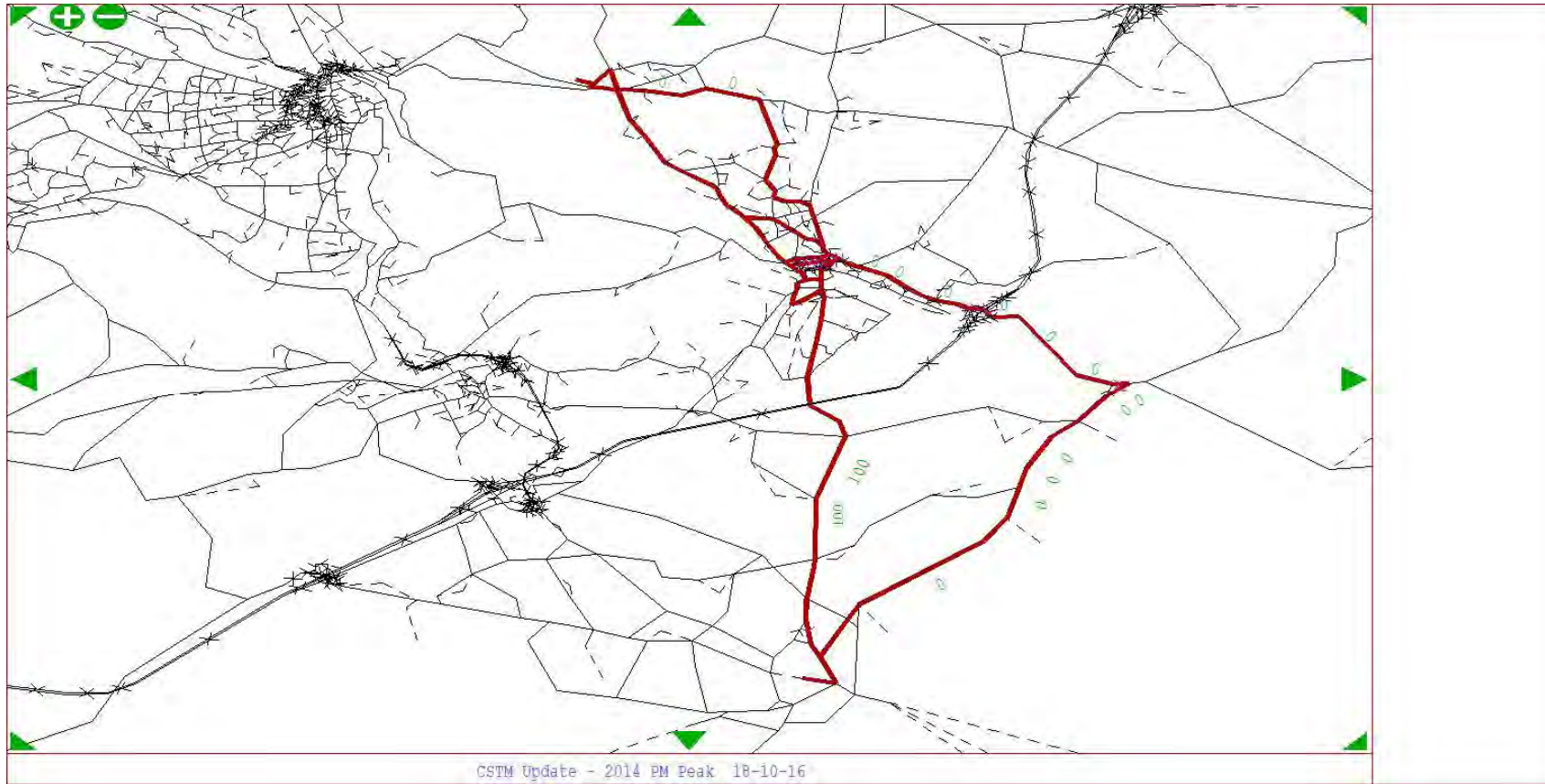


From Zone 135 To Zone 909 - User Class 4

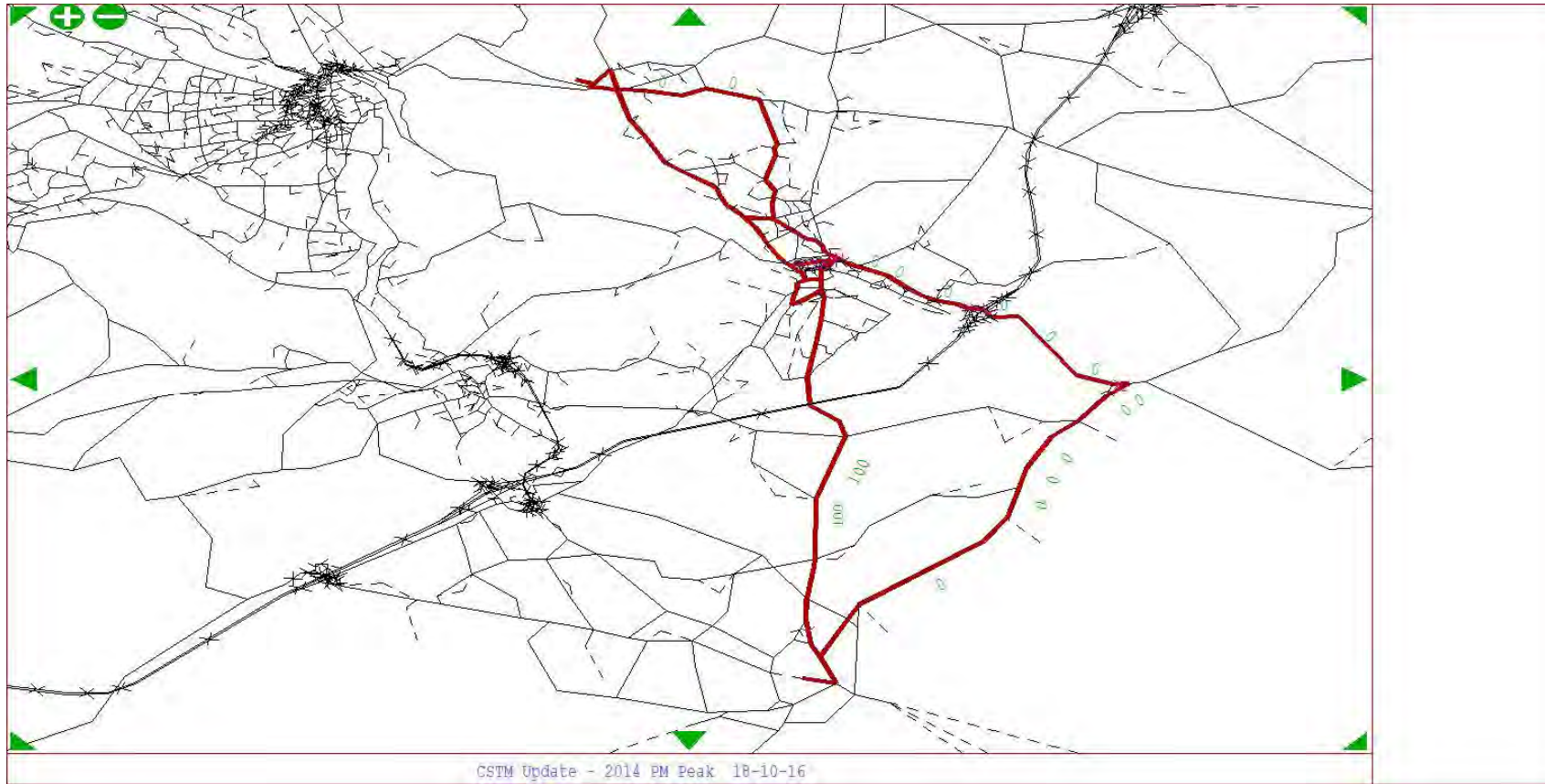




From Zone 135 To Zone 909 - User Class 5

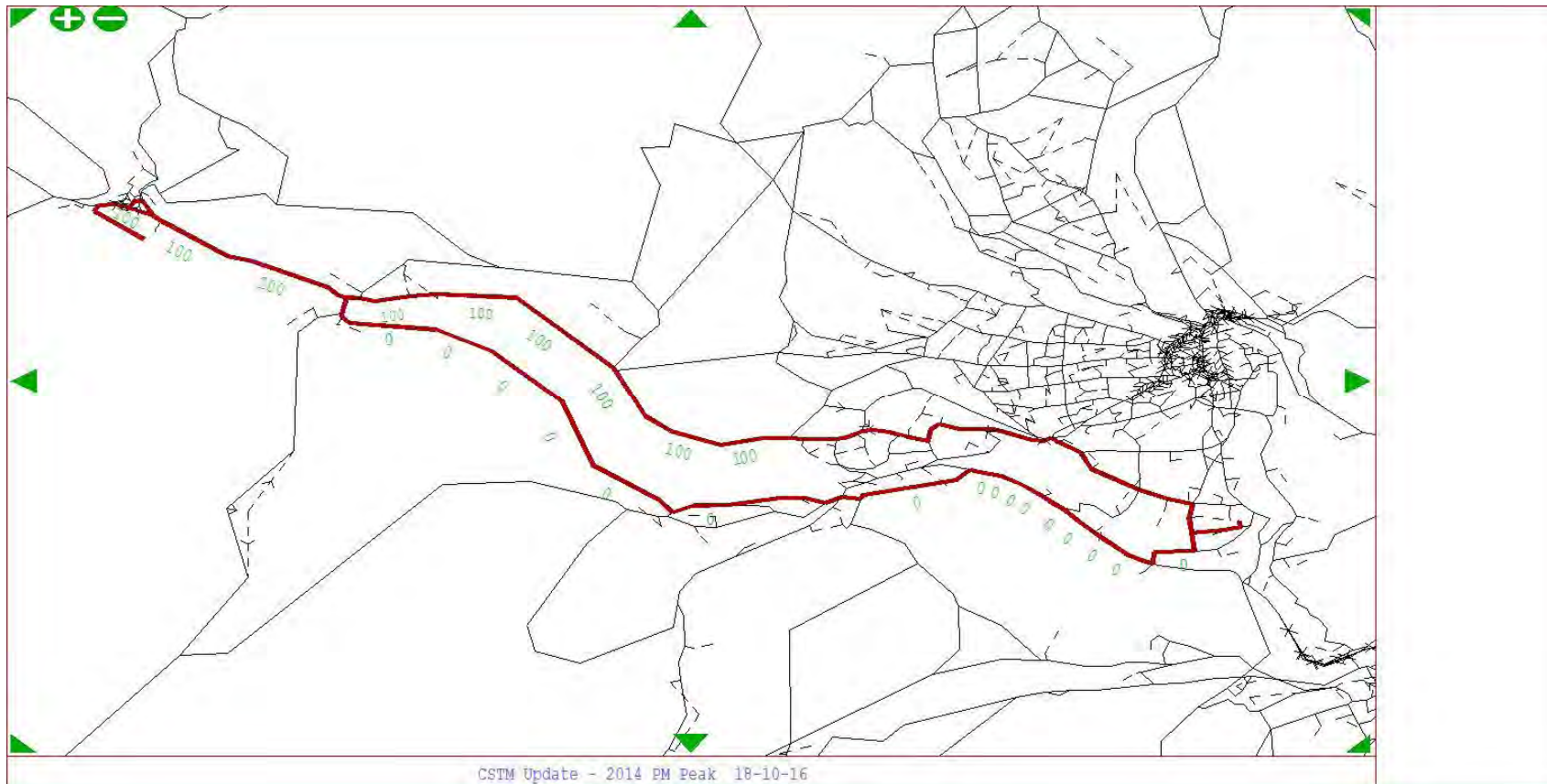


From Zone 135 To Zone 909 - User Class 6



From Zone 836 To Zone 194 - User Class 1

From Zone 836 To Zone 194 - User Class 1

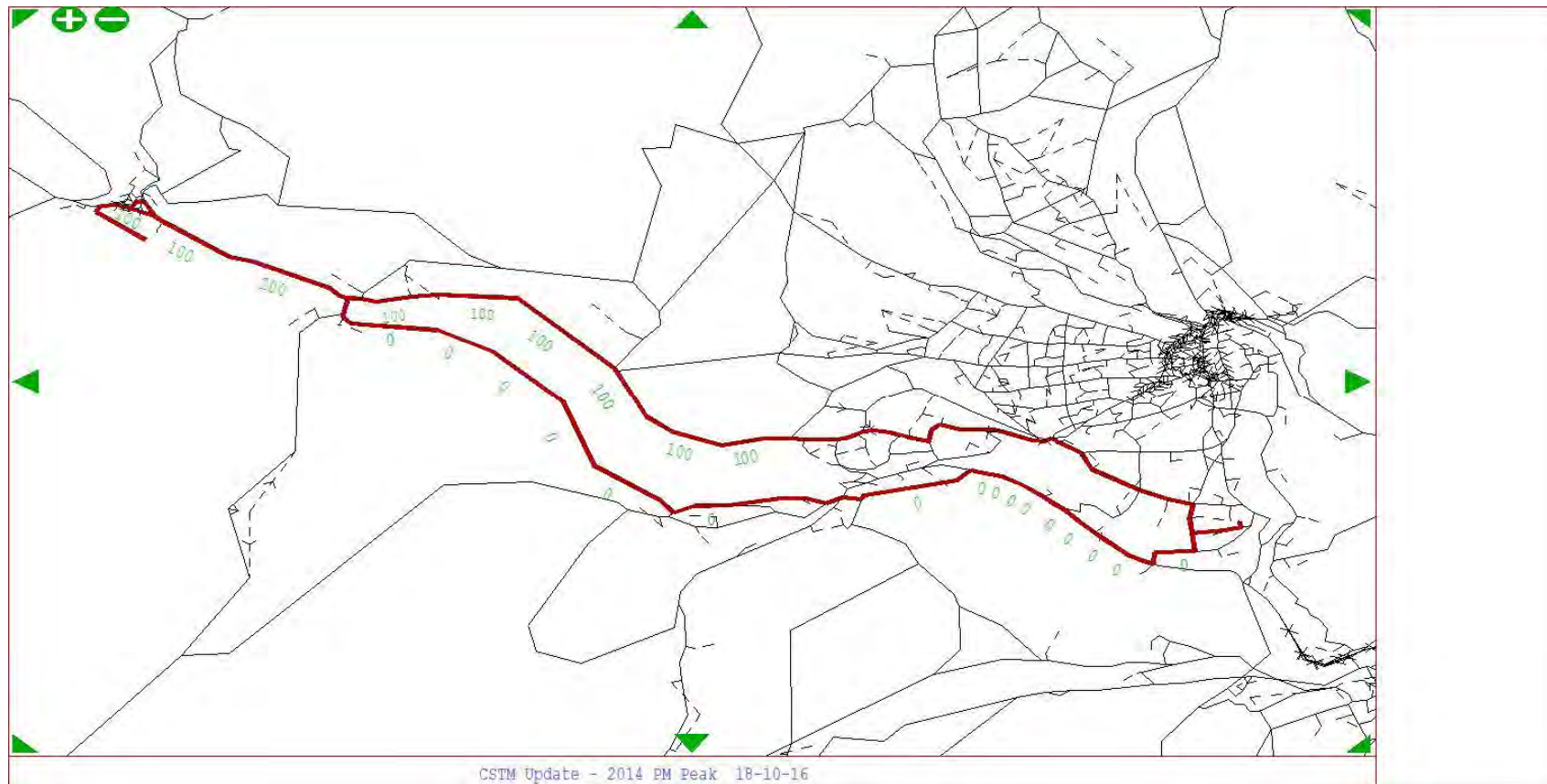




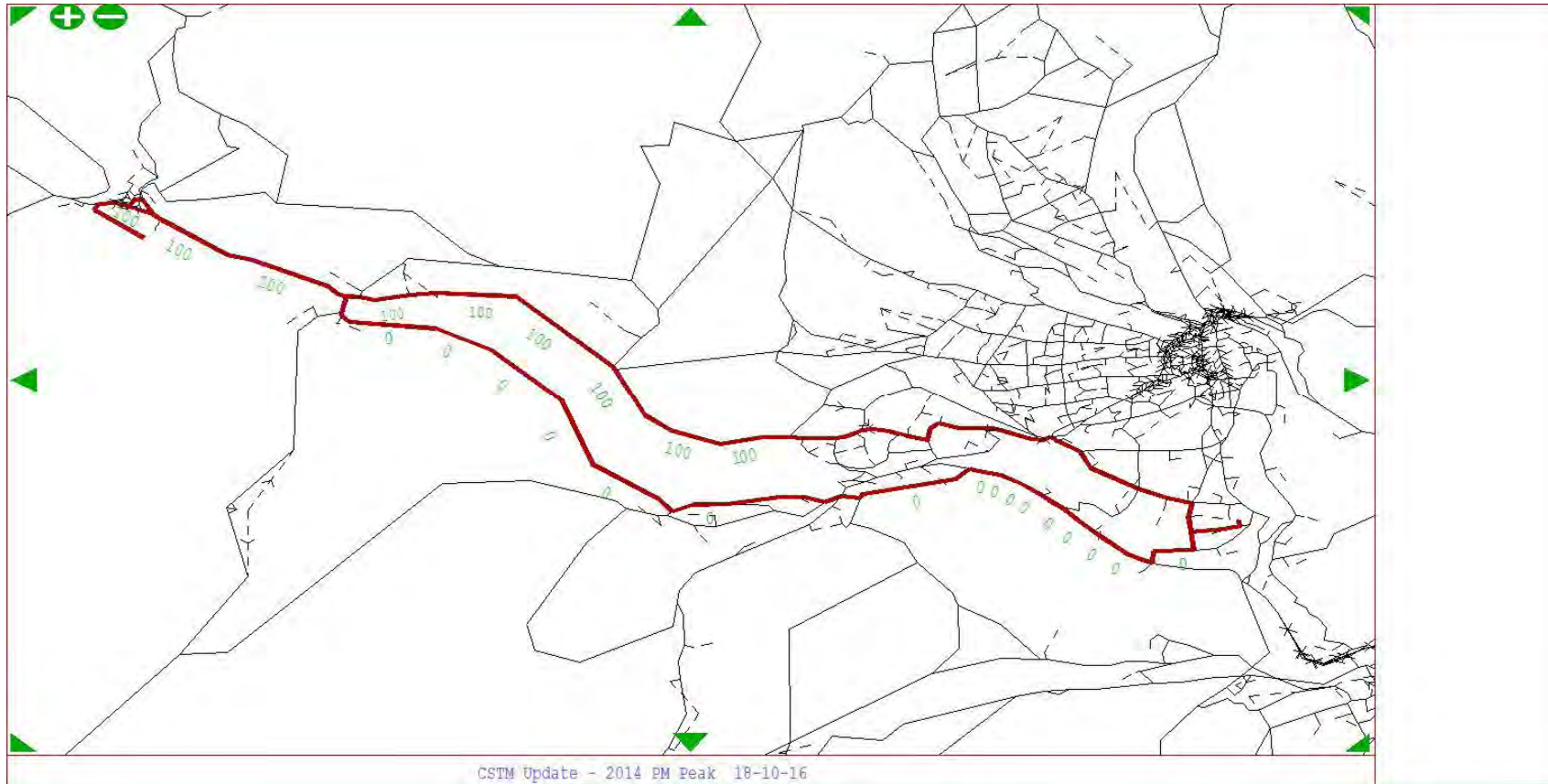
CSTM Update - 2014 PM Peak 18-10-16



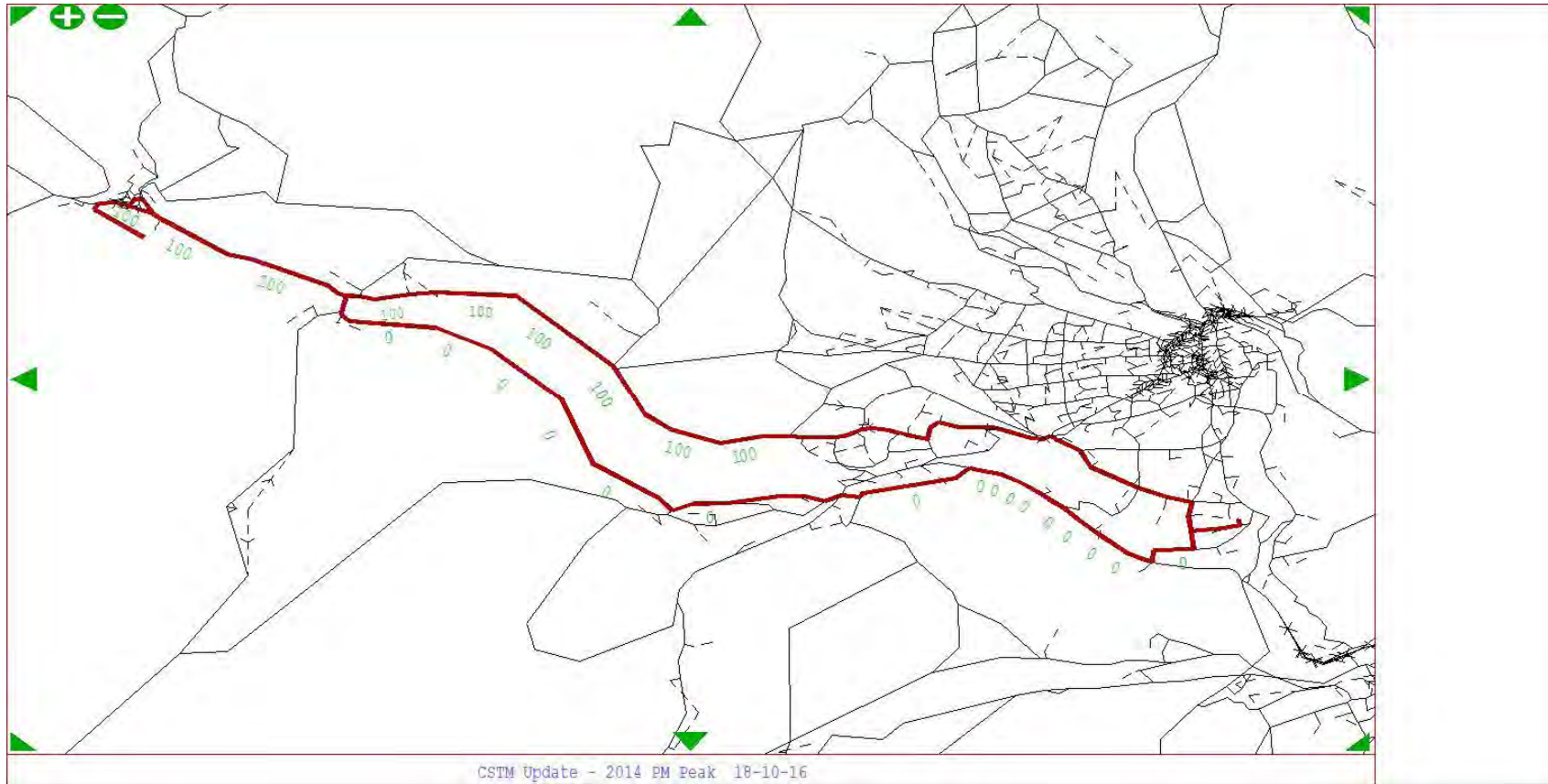
From Zone 836 To Zone 194 - User Class 3



From Zone 836 To Zone 194 - User Class 4



From Zone 836 To Zone 194 - User Class 5

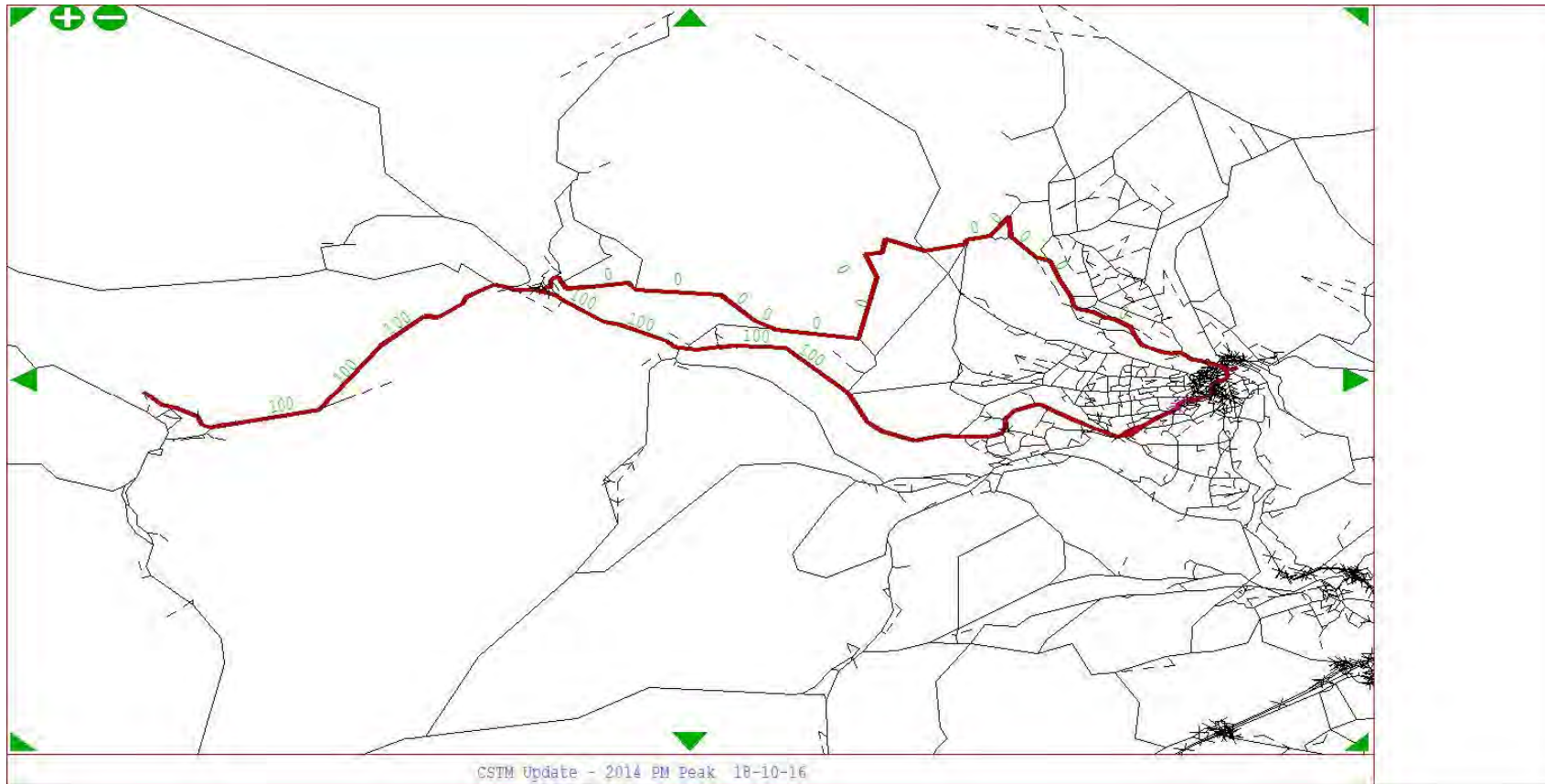


CSTM Update - 2014 PM Peak 18-10-16

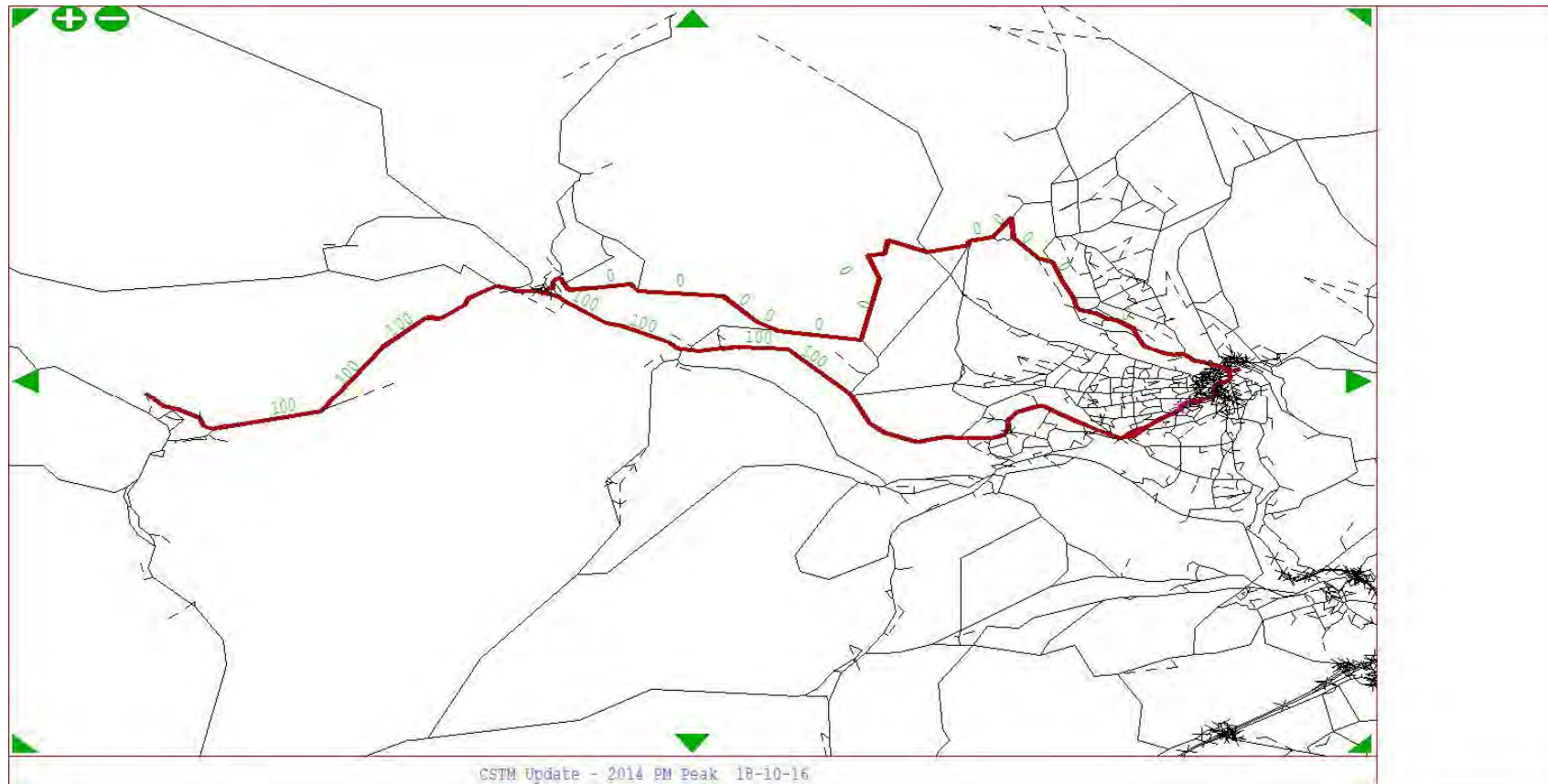


### From Zone 210 To Zone 111 - User Class 1

### From Zone 210 To Zone 111 - User Class 1



From Zone 210 To Zone 111 - User Class 2



From Zone 210 To Zone 111 - User Class 3

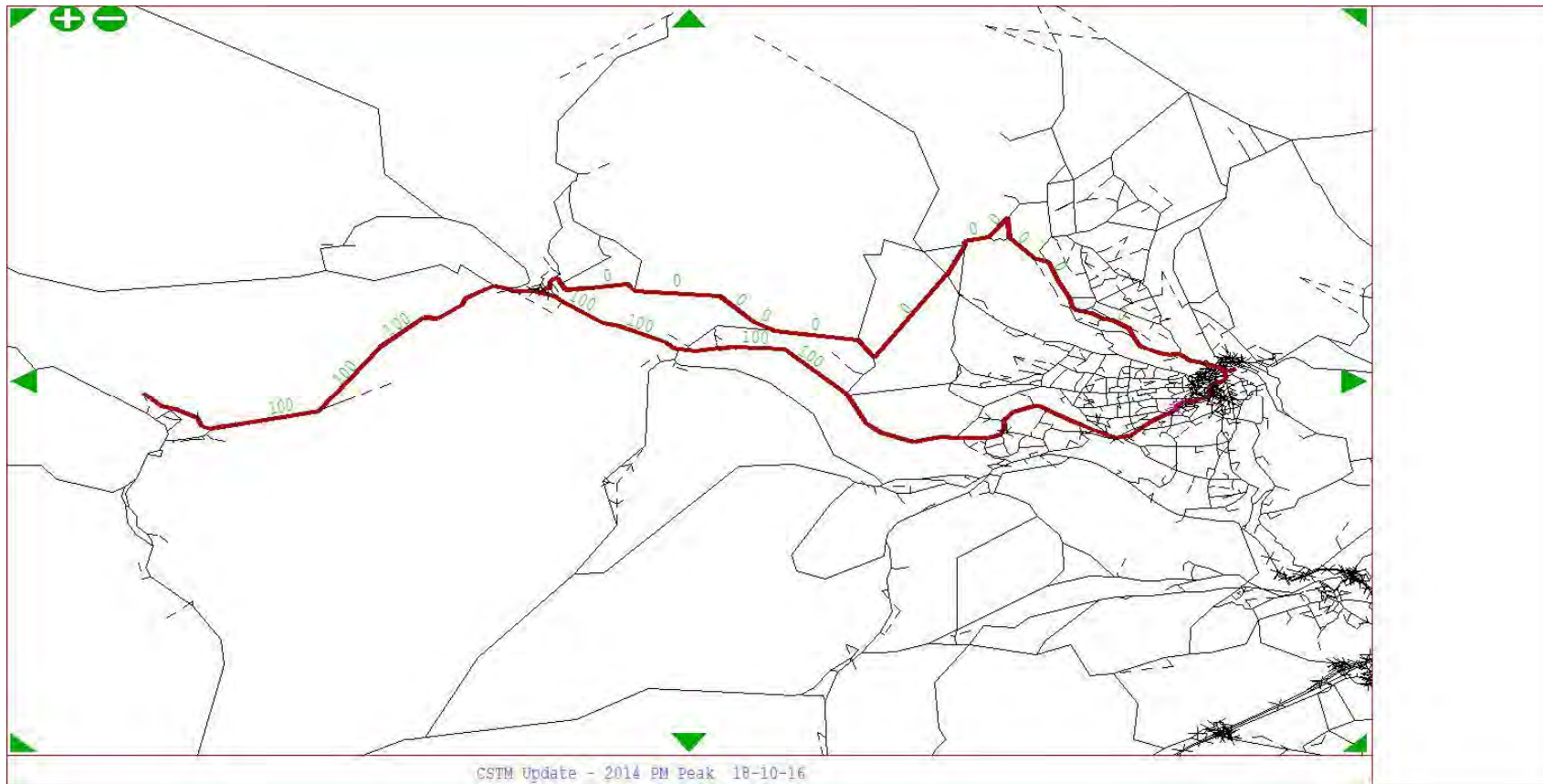


From Zone 210 To Zone 111 - User Class 4

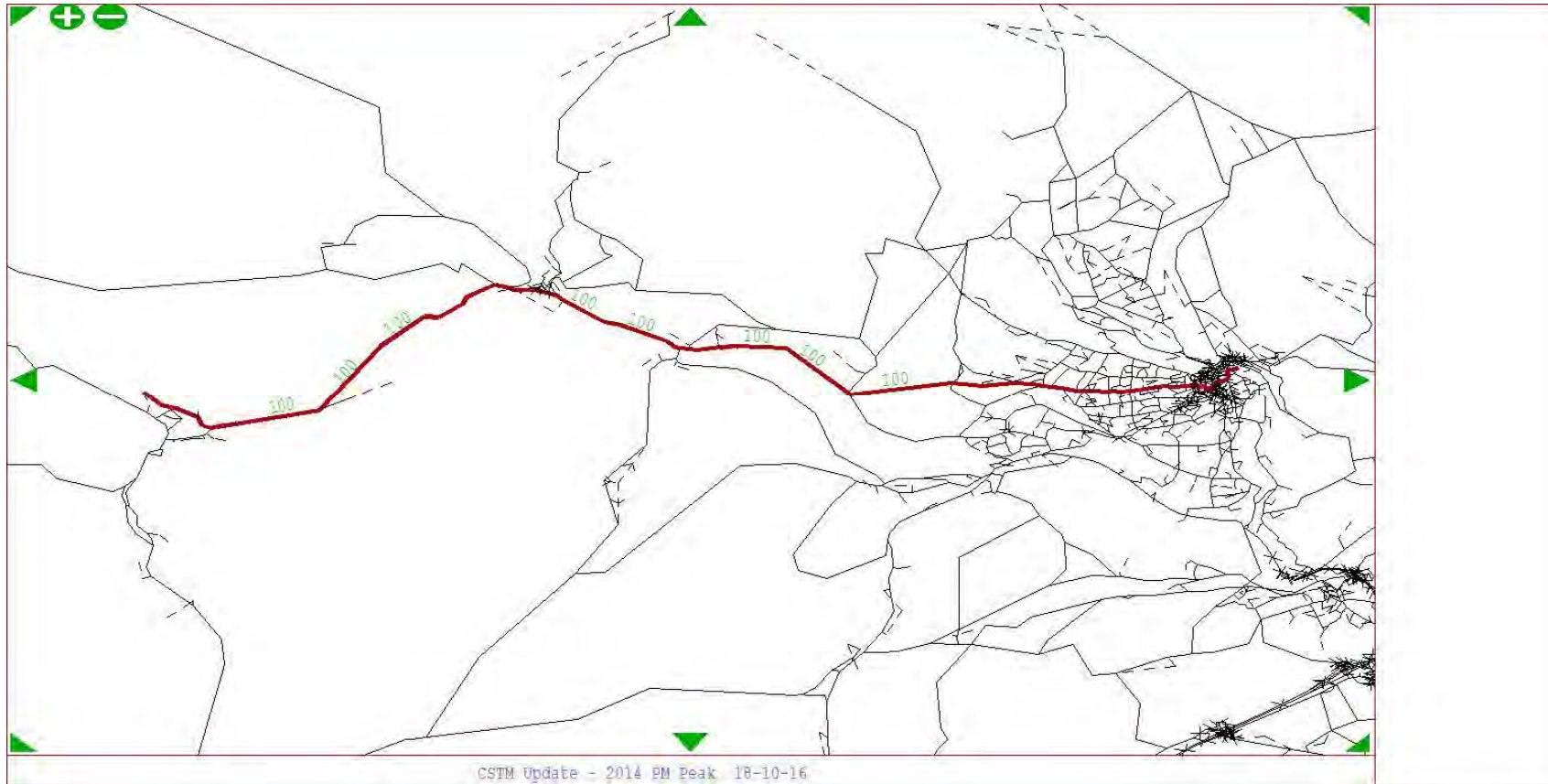




From Zone 210 To Zone 111 - User Class 5

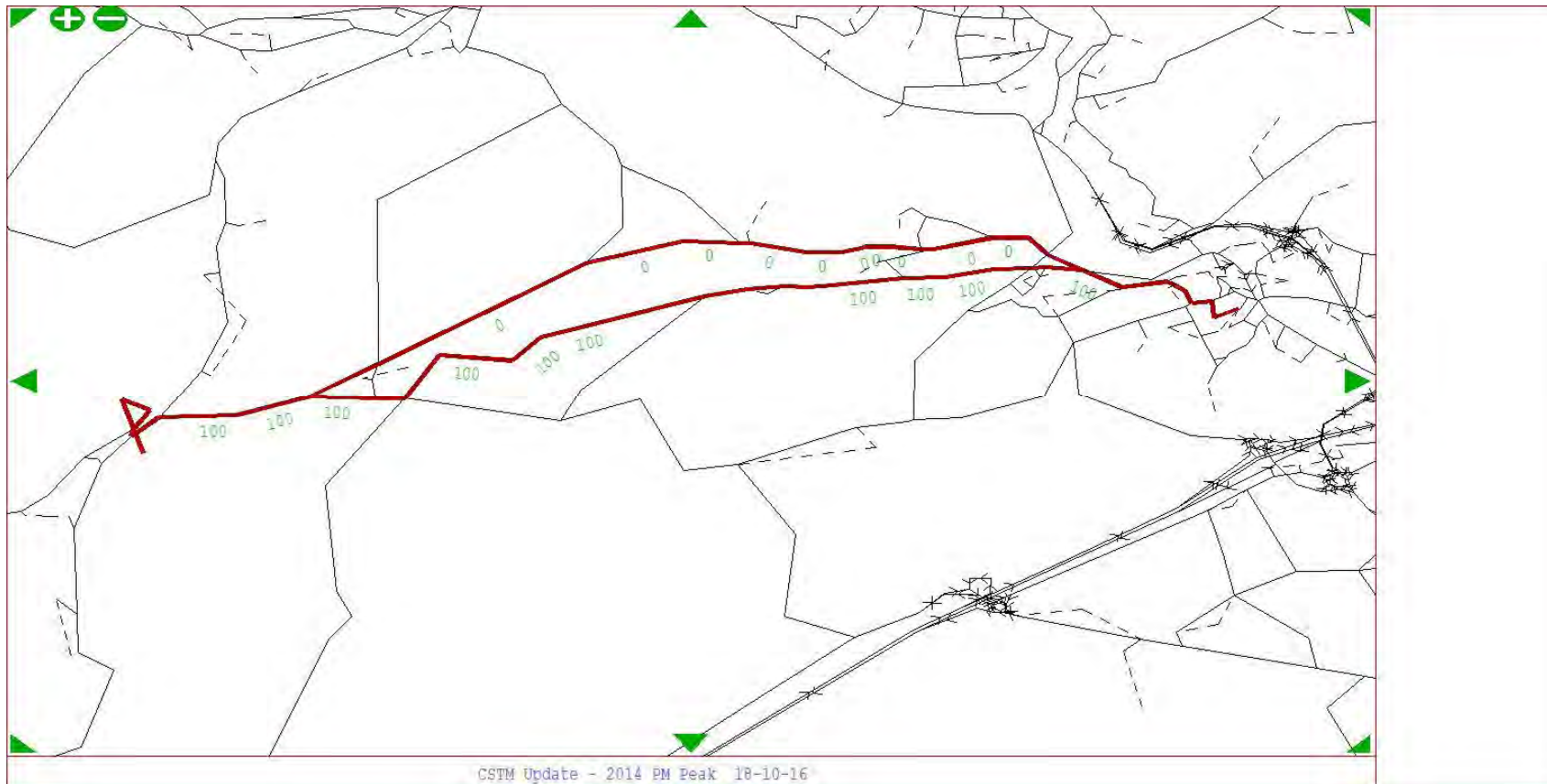


From Zone 210 To Zone 111 - User Class 6



# Elland to Ripponden

From Zone 188 To Zone 237 - User Class 1



CSTM Update - 2014 PM Peak 18-10-16



The screenshot displays a map interface for CSTM (California State Traffic Monitoring) data. A red line traces a route across the map, with green numbers (0 and 100) placed along it to represent traffic volume or density. The map features a legend in the top left corner and a title bar at the bottom that reads "CSTM Update - 2014 PM Peak 18-10-16".

CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16

The screenshot displays a traffic simulation software interface. A map shows a road network with a red line indicating a specific route or congestion. The map includes green triangles at the corners and a title bar at the bottom.

CSM Update - 2014 PM Peak 18-10-16

CSTM Update - 2014 PM Peak 18-10-16