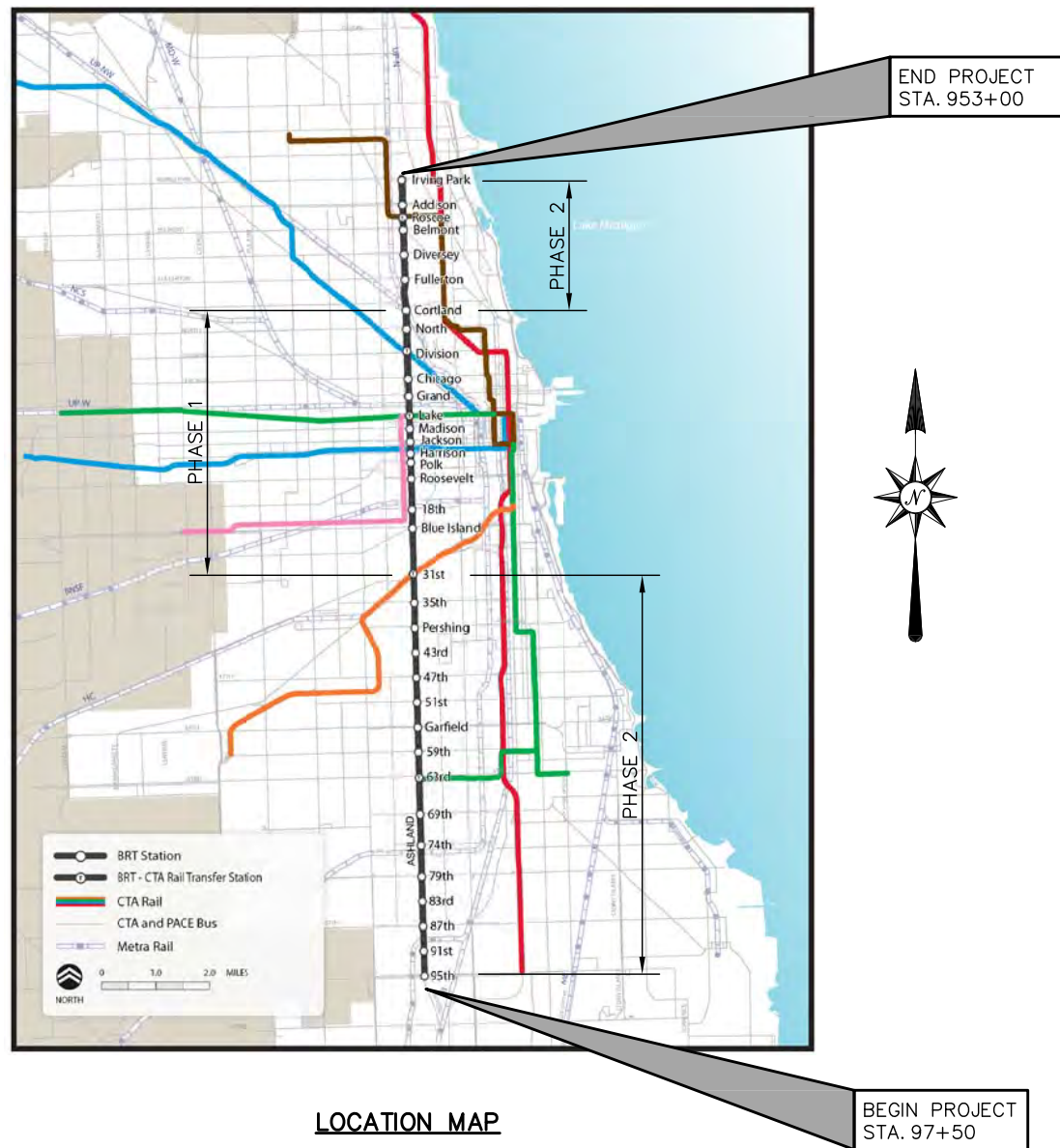




**APPENDIX G
Conceptual Engineering Plans**

CHICAGO TRANSIT AUTHORITY ASHLAND AVE. BUS RAPID TRANSIT PROJECT

CITY OF CHICAGO
COOK COUNTY, ILLINOIS



LOCATION MAP

INDEX OF SHEETS

TITLE SHEET.....	1
TYPICAL SECTIONS.....	2-3
PLAN.....	4-44
STATION LAYOUT.....	45

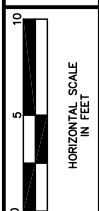
The following provides conceptual plans for the Ashland Avenue BRT Project. These plans are subject to further refinement in final design, the next phase of project development, based on additional traffic and engineering analysis and in coordination with supplemental agency and public outreach efforts.

CONCEPT ENGINEERING PLANS
SEPTEMBER 2013

PLAN PREPARED BY:

CDM Smith
125 SOUTH WACKER DR.
SUITE 600
CHICAGO, IL 60606

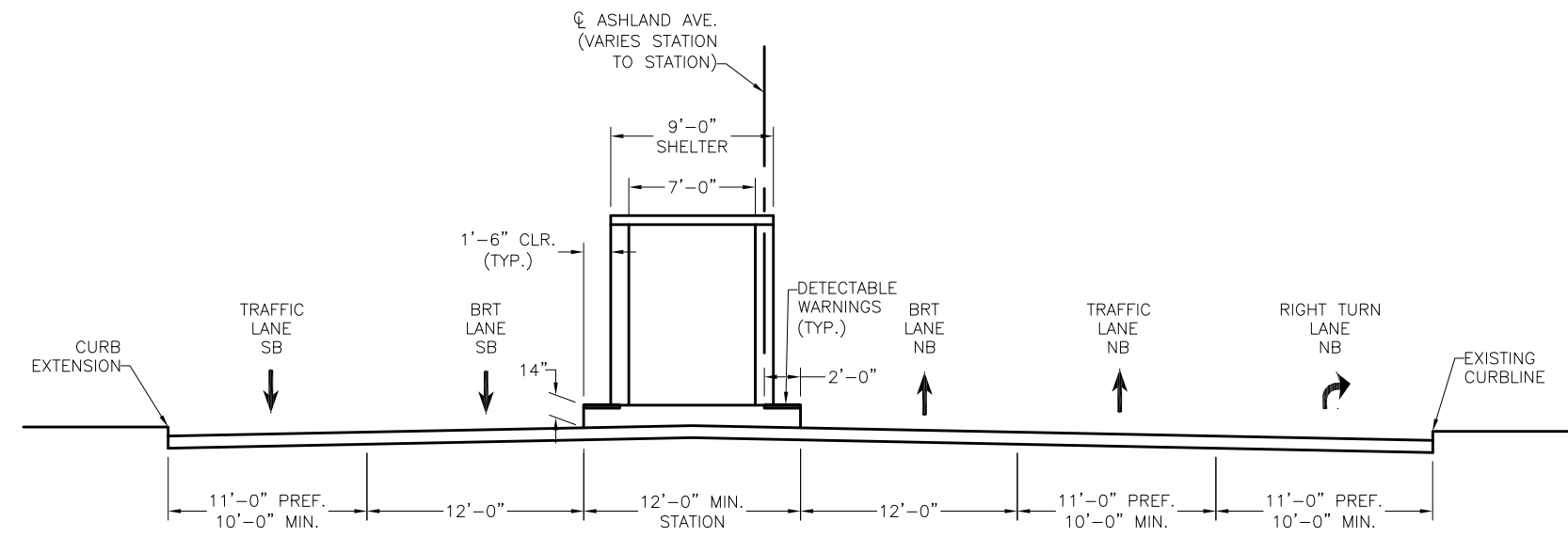




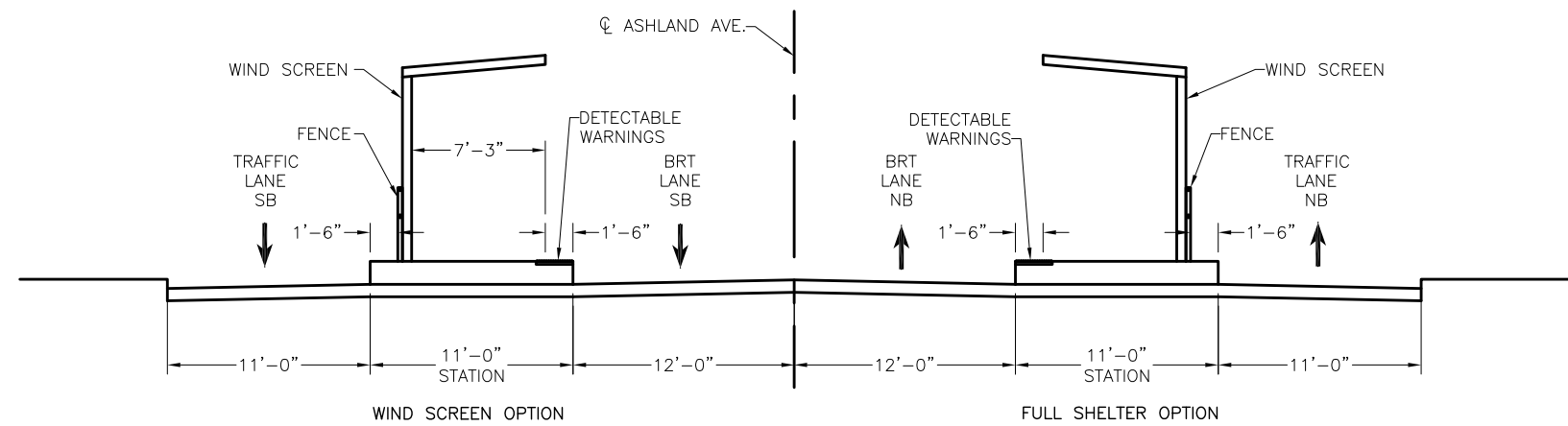
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PROTOTYPICAL
STATION SECTIONS

ASHLAND AVE. BRT

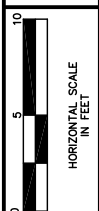


CENTER STATION
SOUTH SIDE OF INTERSECTION
NORTH SIDE OPPOSITE



TWIN CENTER STATIONS
CORTLAND

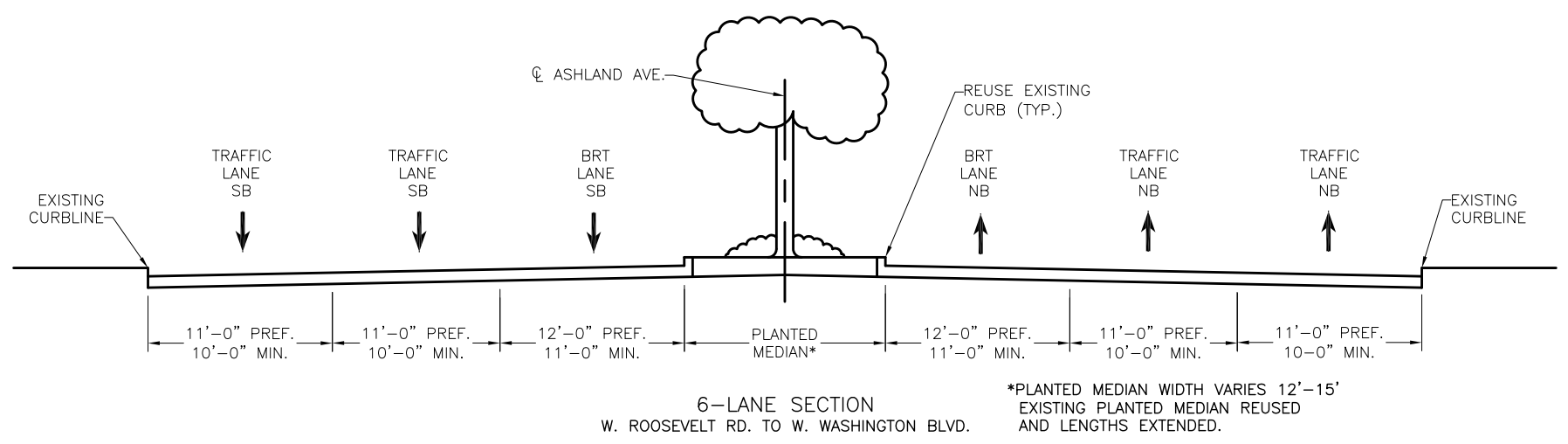
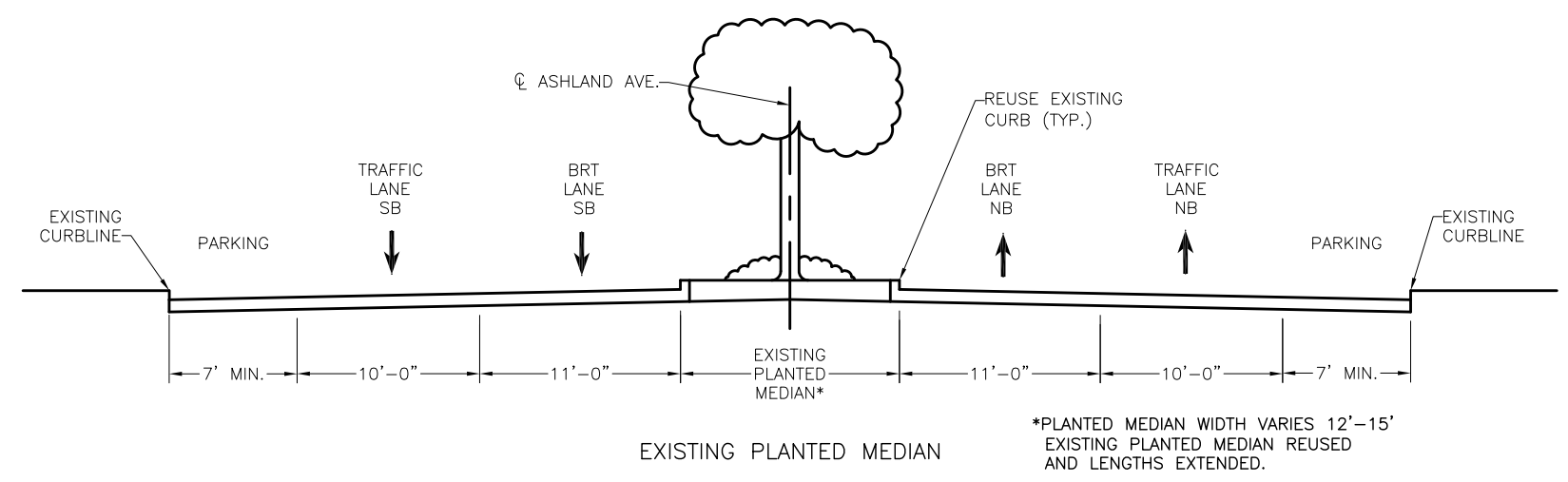
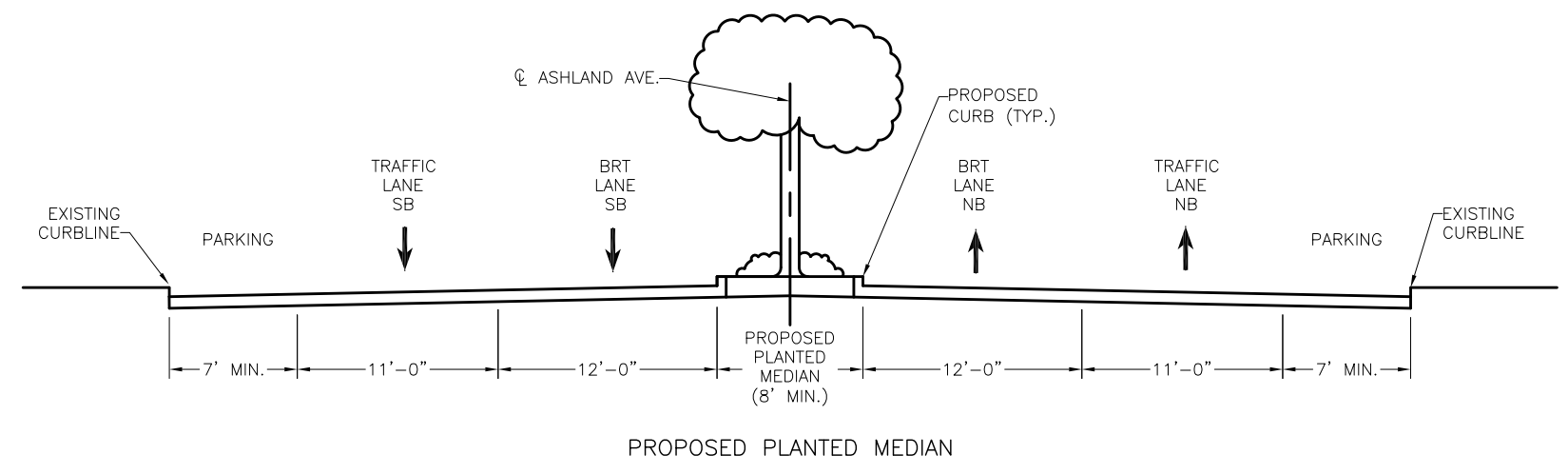


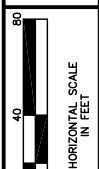
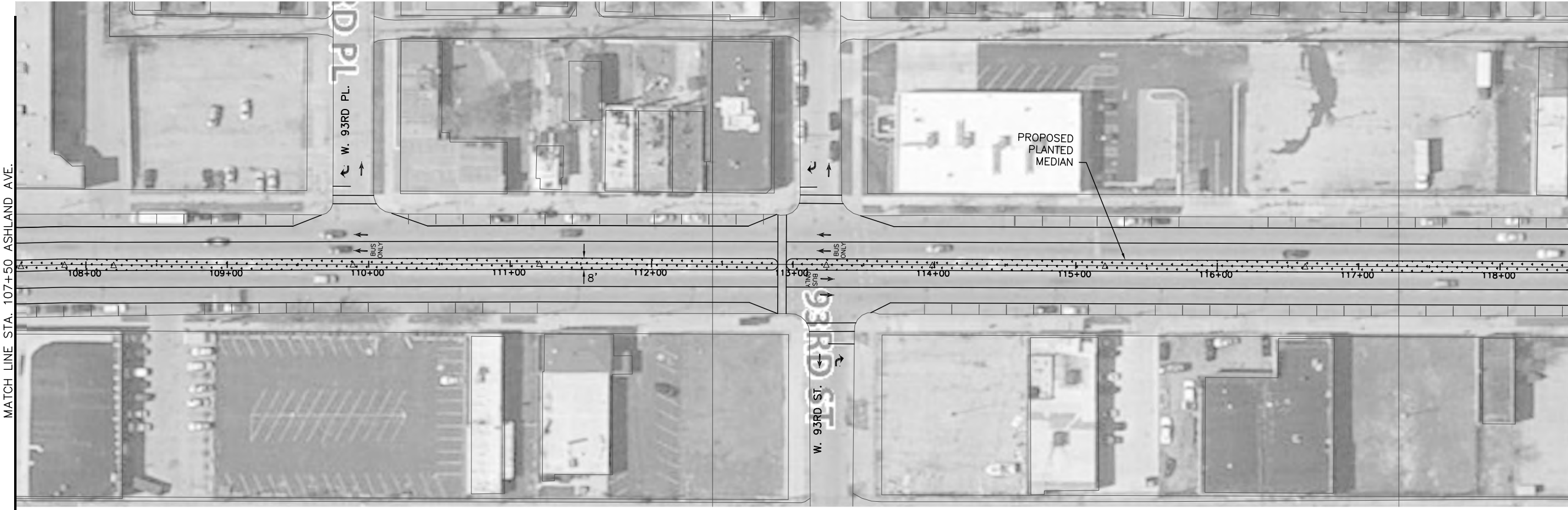
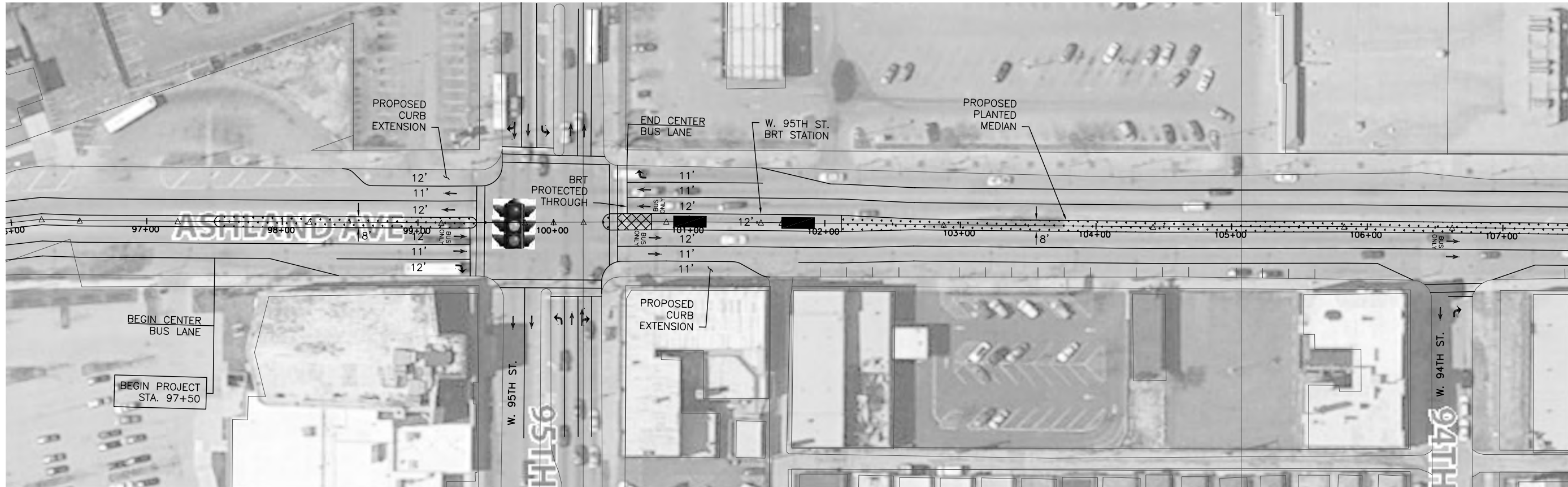


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PROTOTYPICAL
MEDIAN SECTIONS

ASHLAND AVE. BRT





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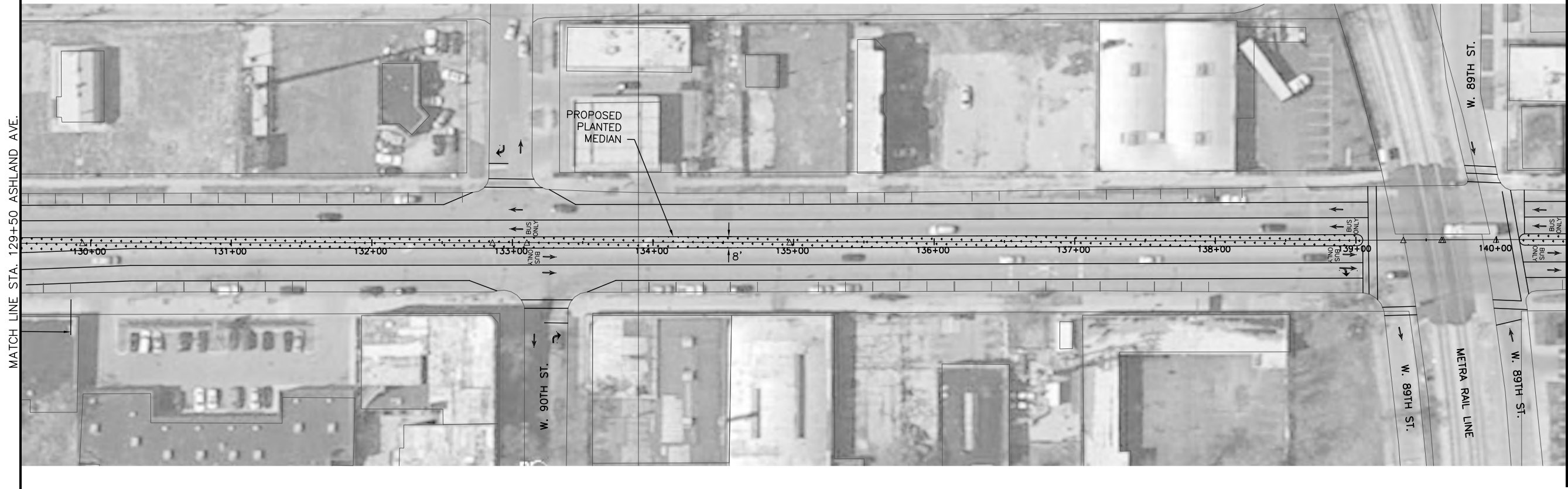
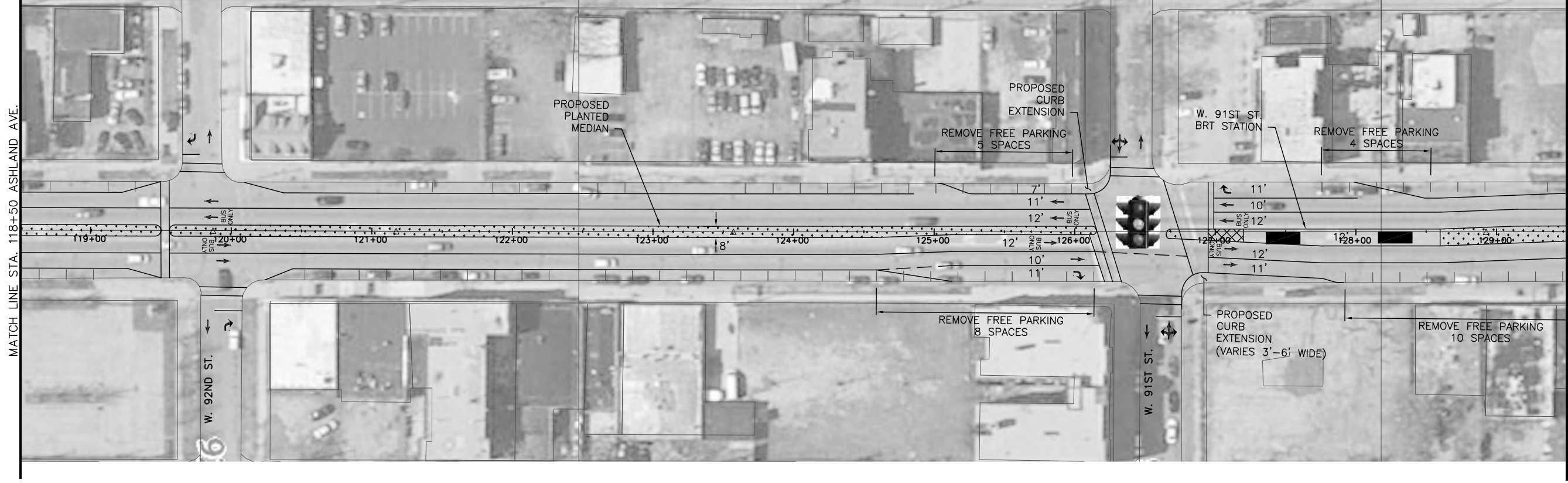
**PLAN - ASHLAND AVENUE
BEGIN TO STA. 118+50**

ASHLAND AVE. BRT



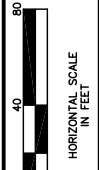
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MATCH LINE STA. 129+50 ASHLAND AVE.



MATCH LINE STA. 129+50 ASHLAND AVE.

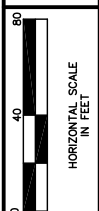
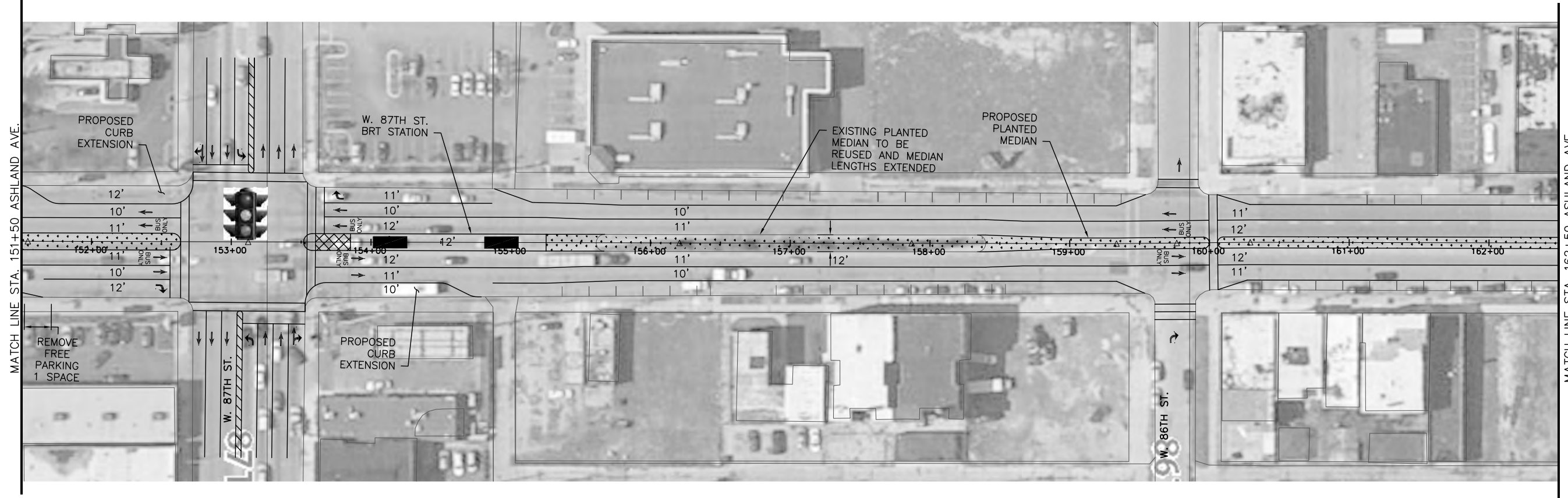
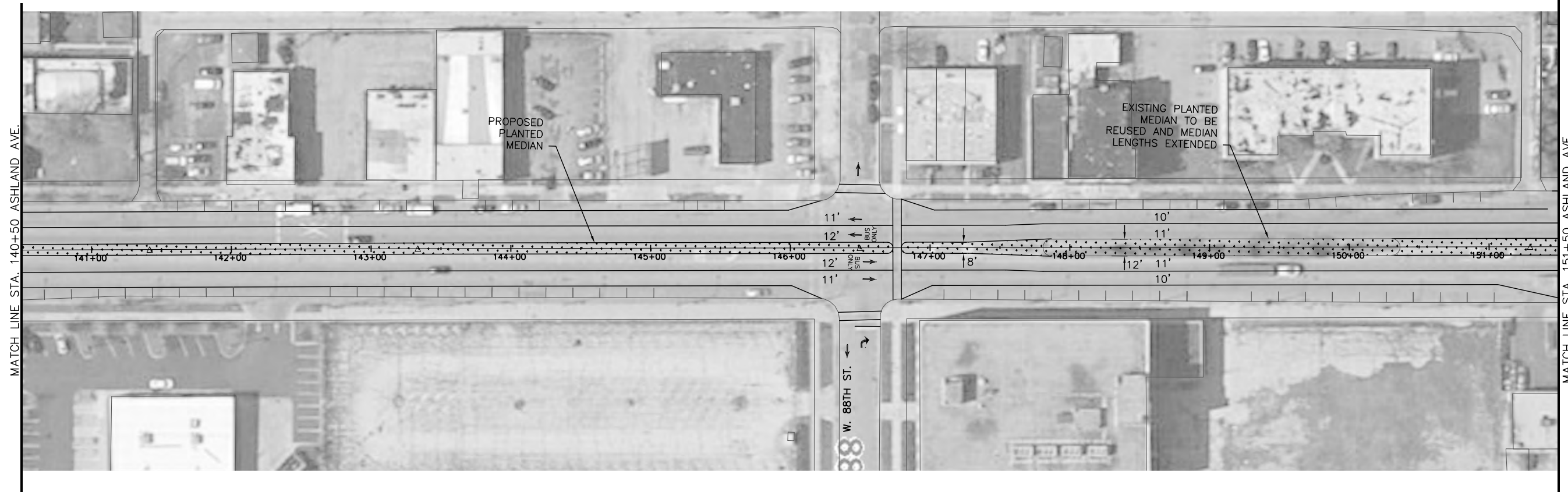
MATCH LINE STA. 140+50 ASHLAND AVE.



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PLAN - ASHLAND AVENUE
STA. 118+50 TO STA. 140+50

ASHLAND AVE. BRT



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SDG

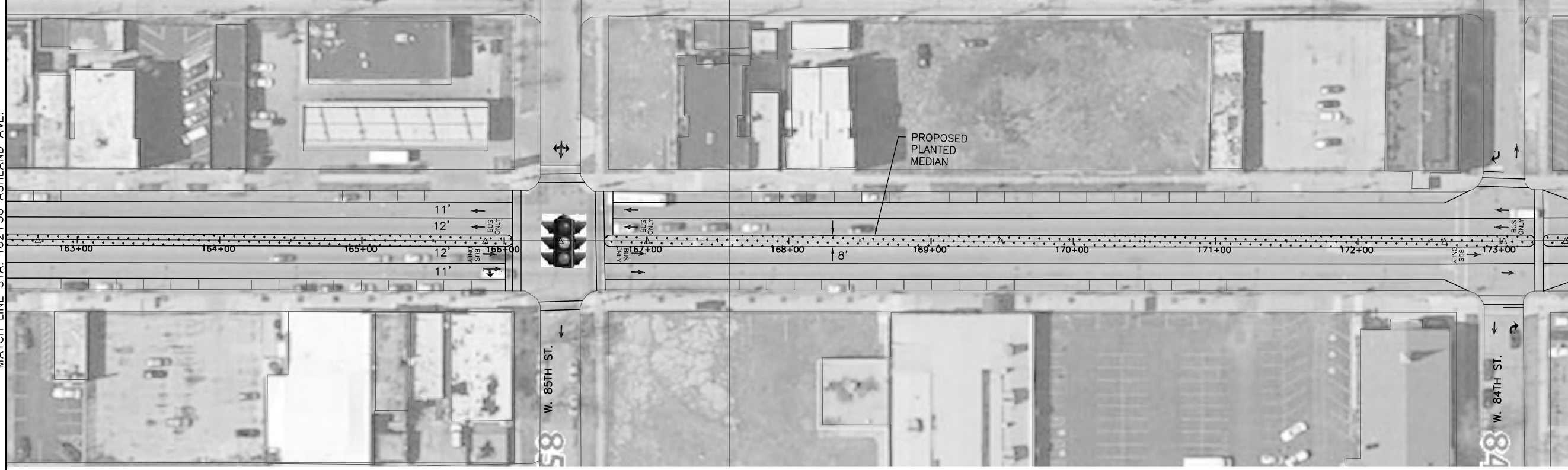
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STA. 140+50 TO STA. 162+50**

ASHLAND AVE. BRT

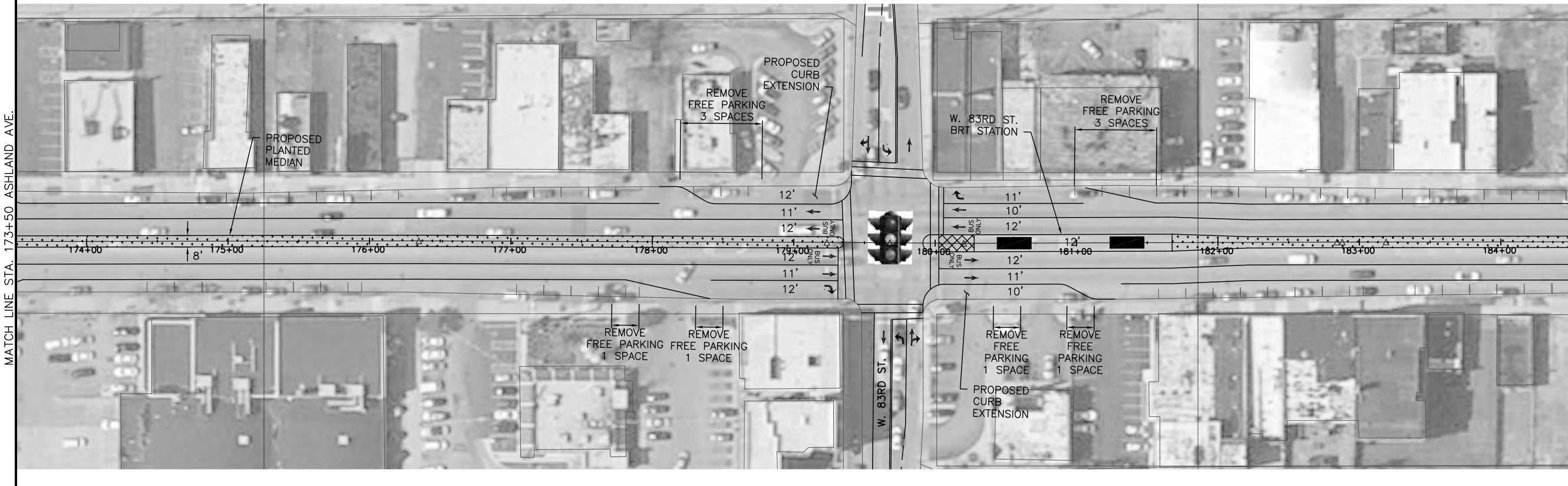


MATCH LINE STA. 162+50 ASHLAND AVE.

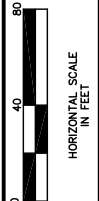
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MATCH LINE STA. 173+50 ASHLAND AVE.



MATCH LINE STA. 184+50 ASHLAND AVE.



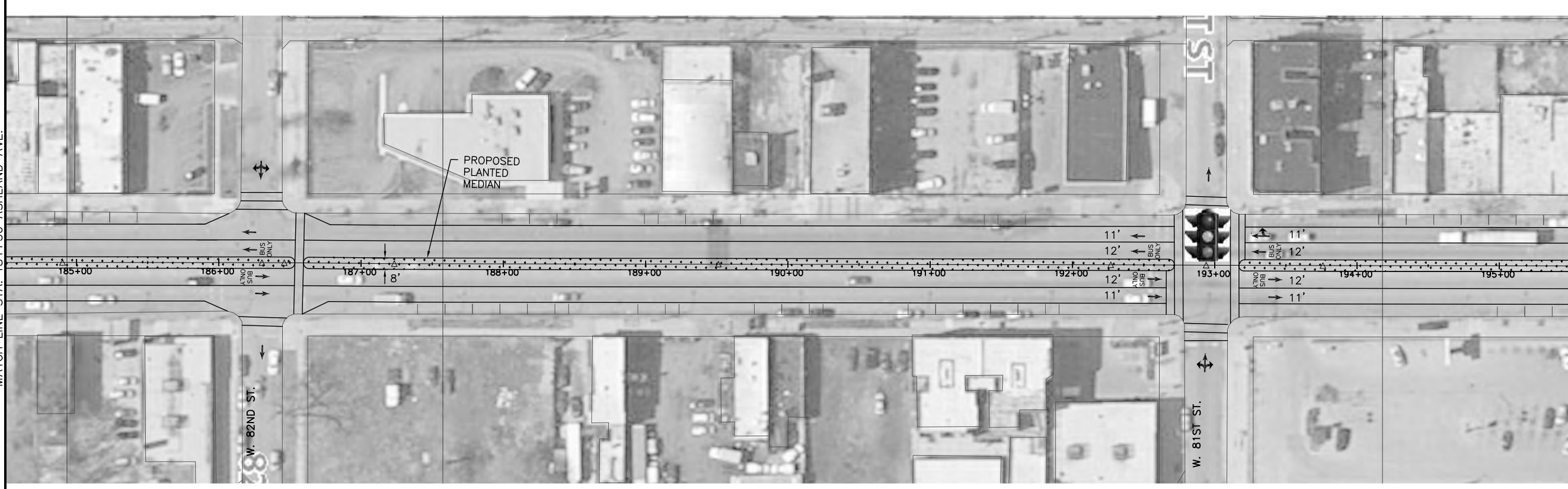
CALCULATED
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**PLAN - ASHLAND AVENUE
STA. 162+50 TO STA. 184+50**

ASHLAND AVE. BRT

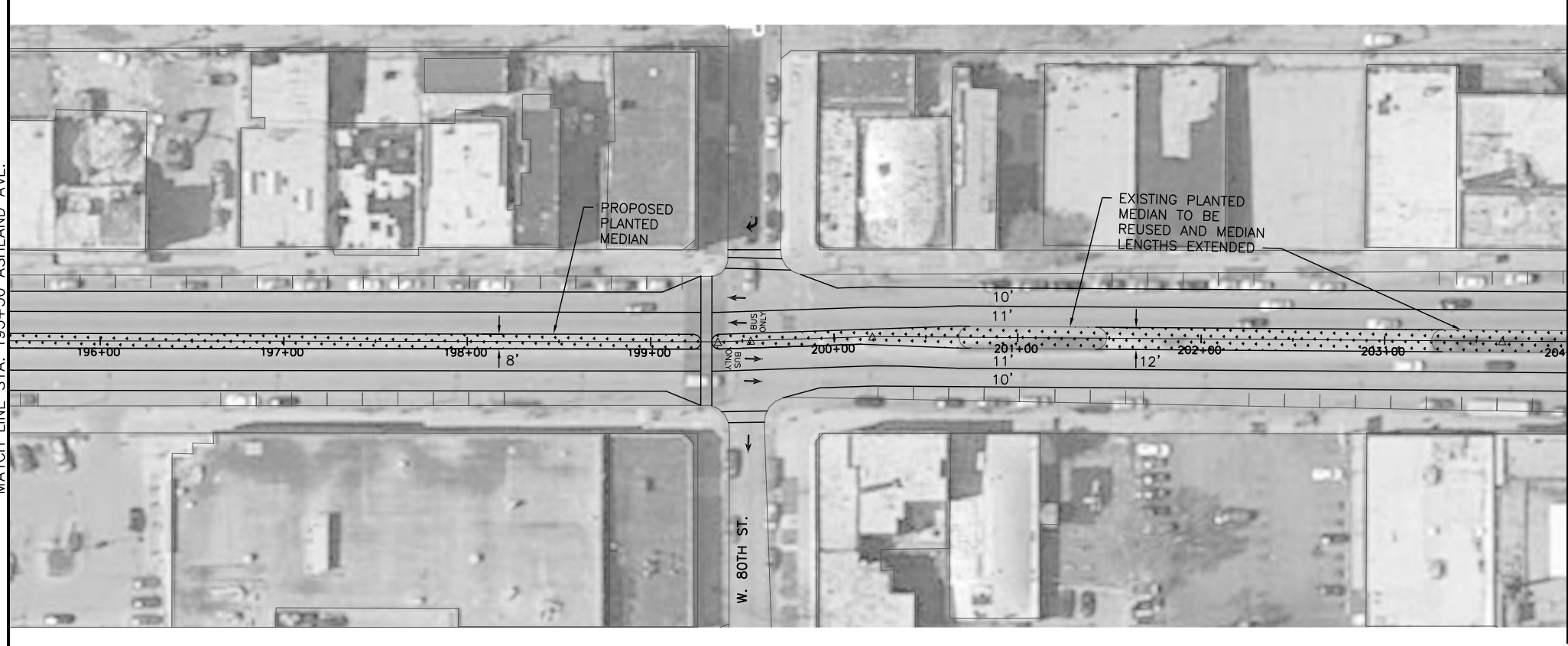


MATCH LINE STA. 184+50 ASHLAND AVE.



MATCH LINE STA. 195+50 ASHLAND AVE.

MATCH LINE STA. 195+50 ASHLAND AVE.

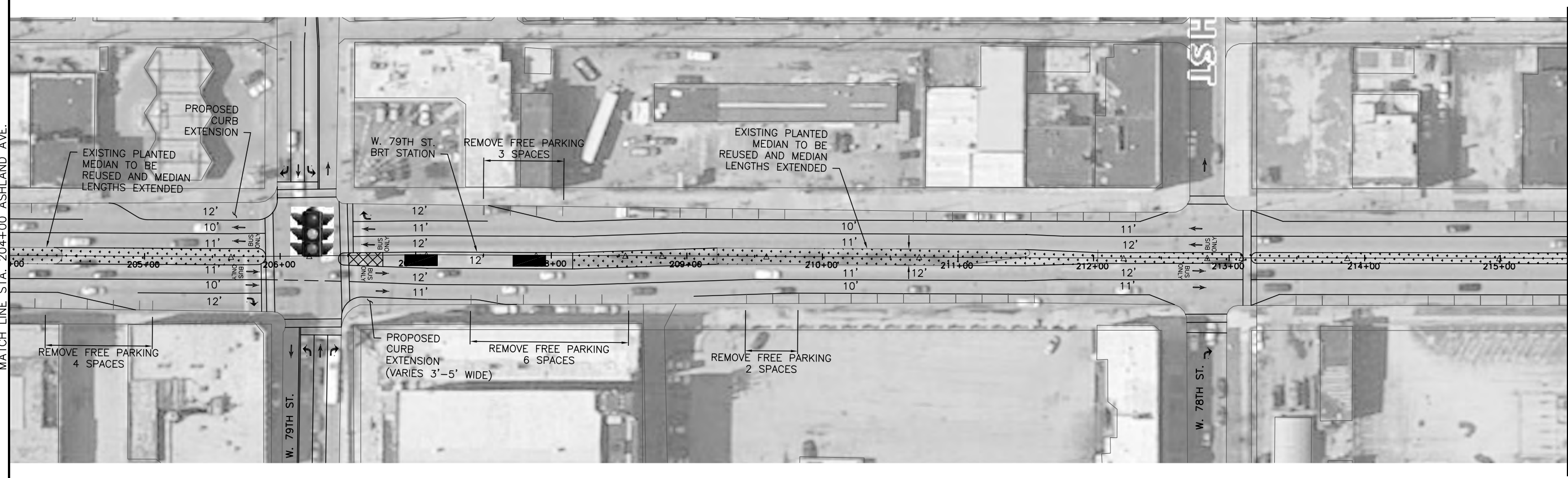


MATCH LINE STA. 204+00 ASHLAND AVE.



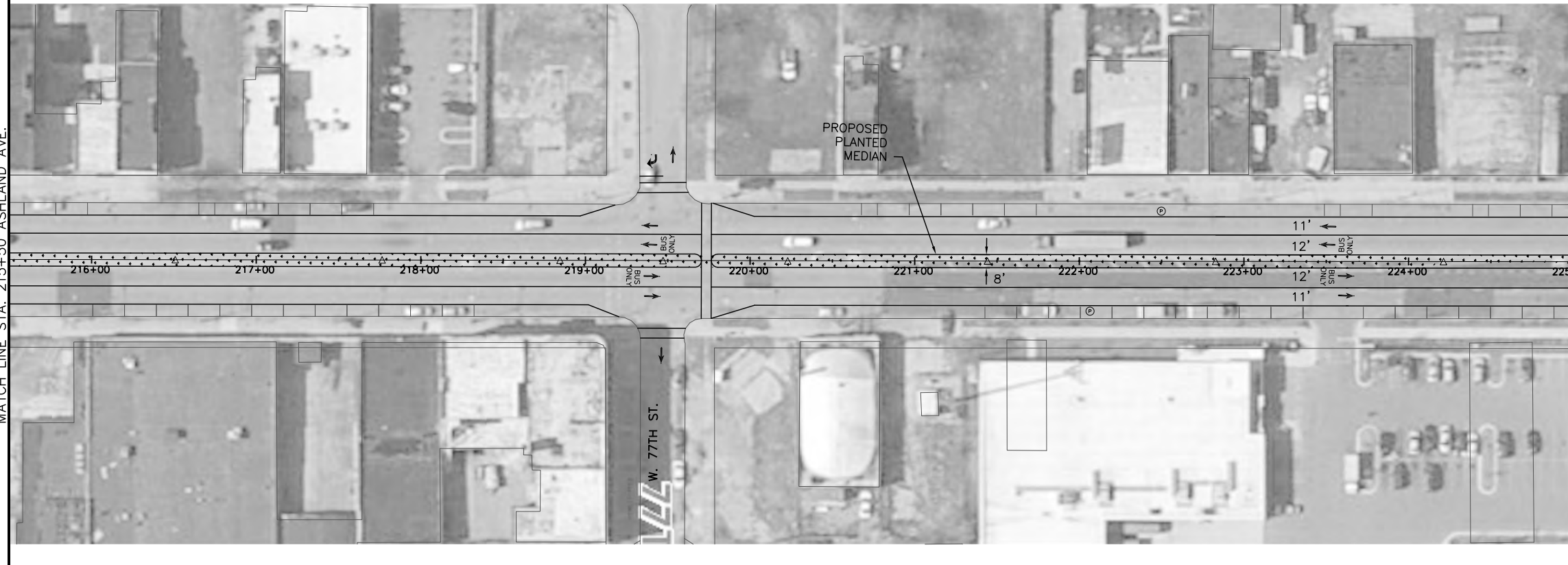


MATCH LINE STA. 204+00 ASHLAND AVE.

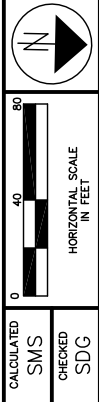


MATCH LINE STA. 215+50 ASHLAND AVE.

MATCH LINE STA. 215+50 ASHLAND AVE.



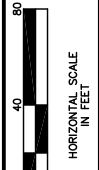
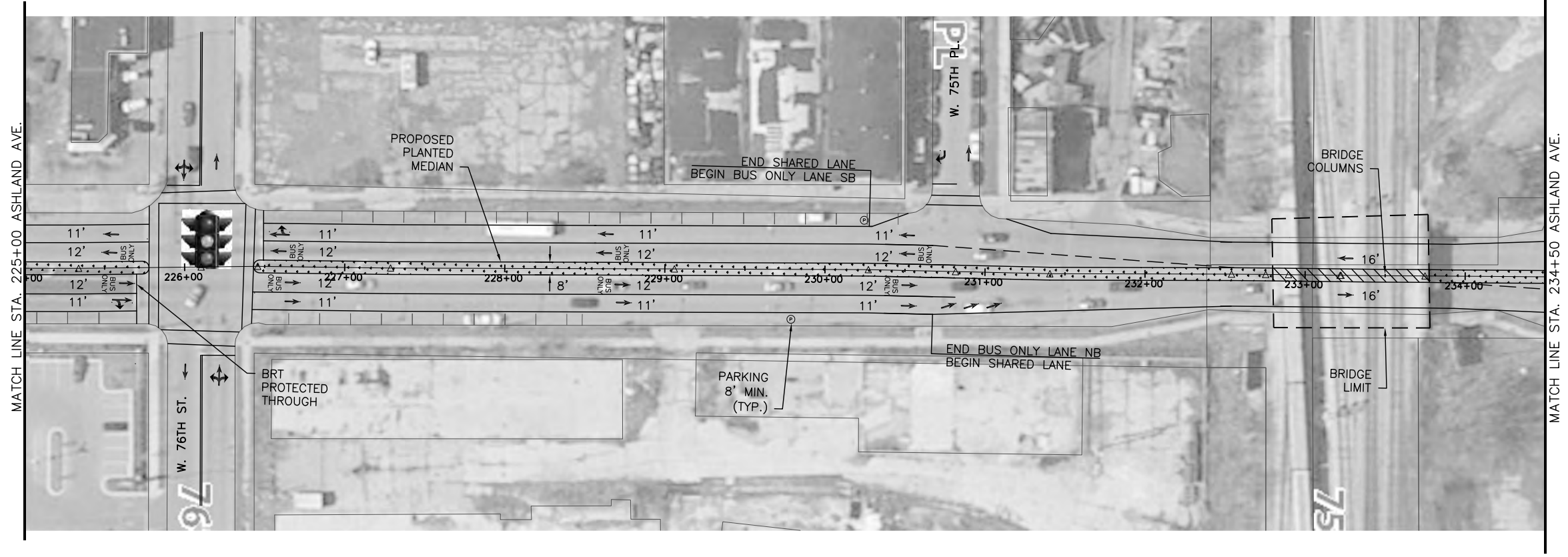
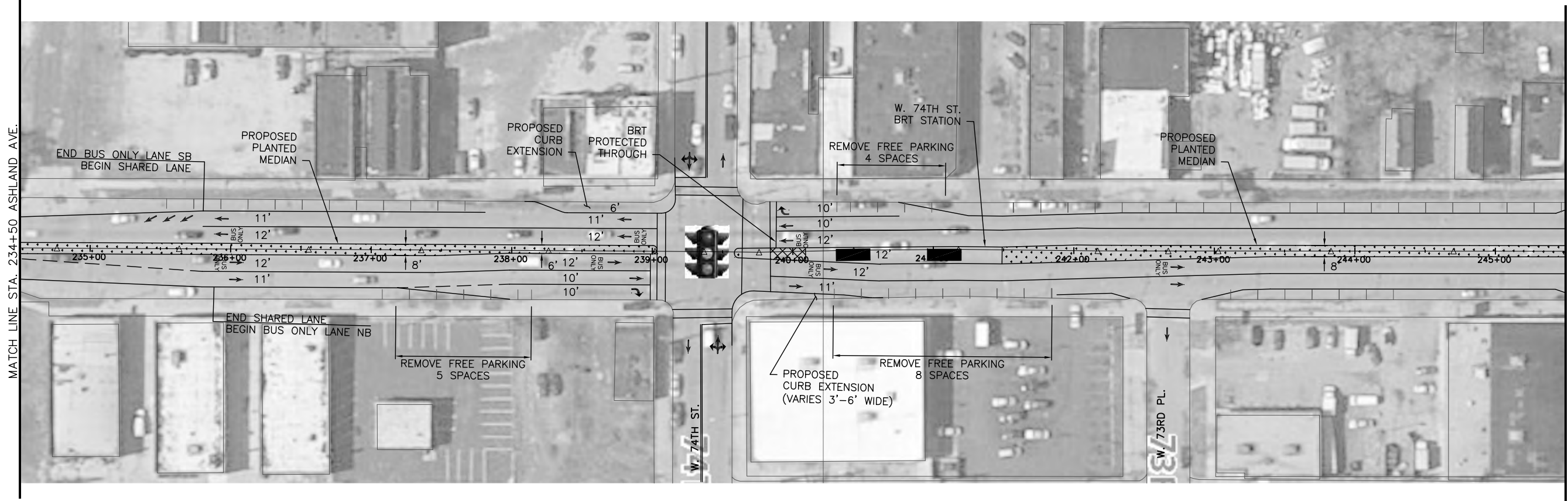
MATCH LINE STA. 225+00 ASHLAND AVE.



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**PLAN - ASHLAND AVENUE
STA. 204+00 TO STA. 225+00**

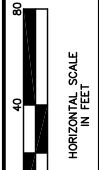
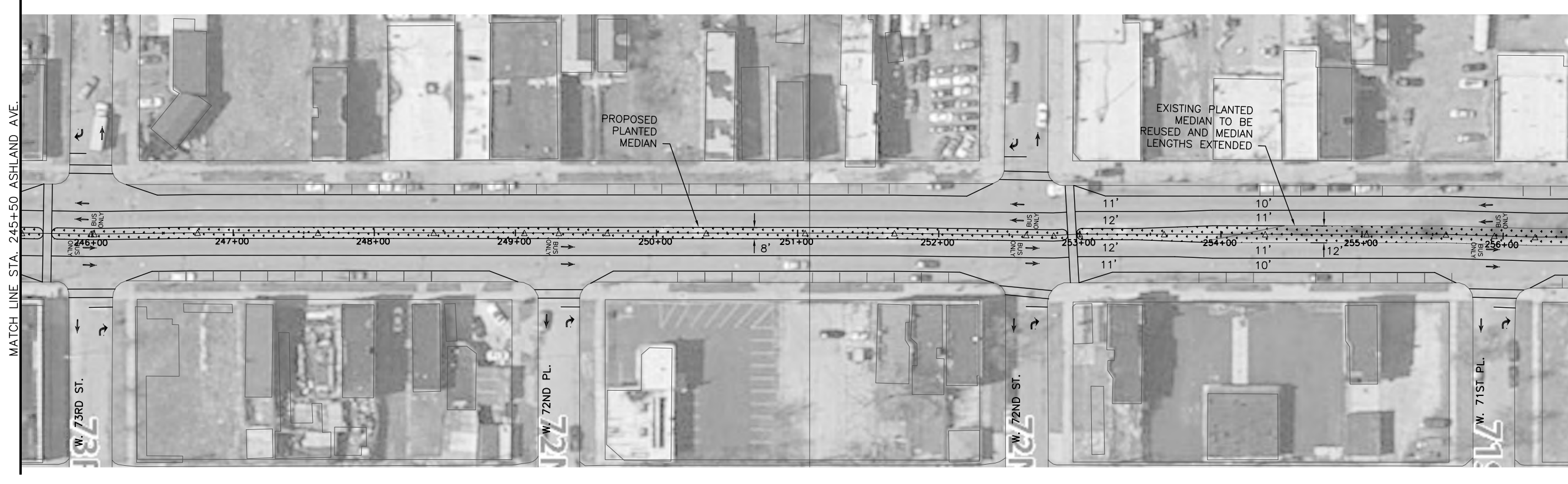
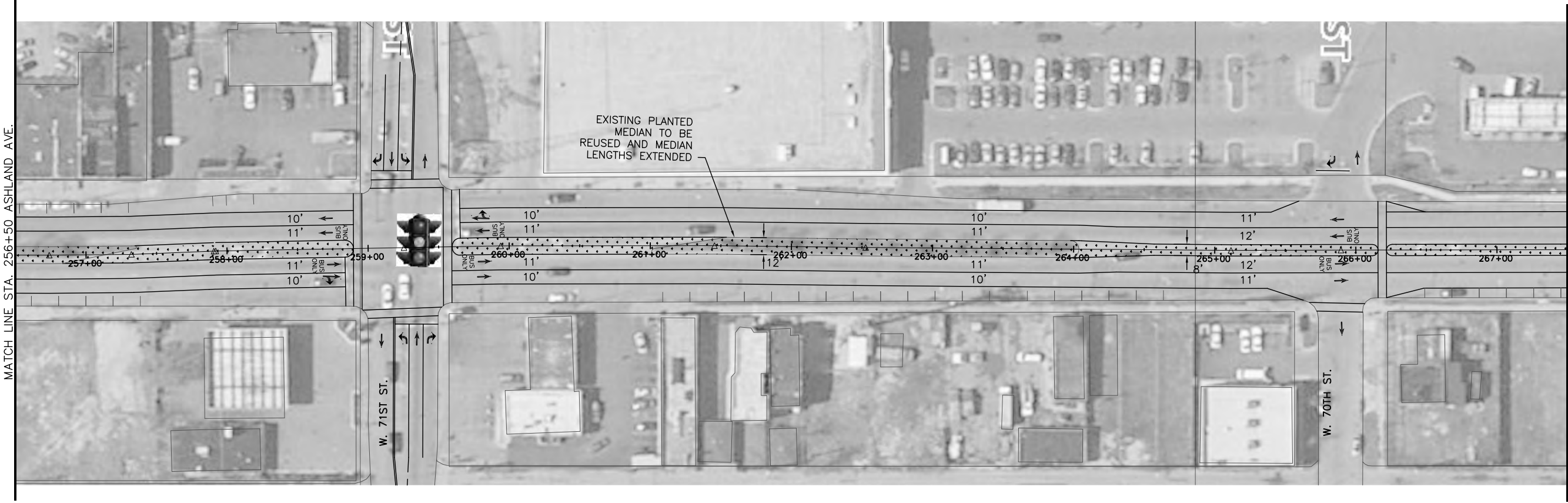
ASHLAND AVE. BRT



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**PLAN - ASHLAND AVENUE
STA. 225+00 TO STA. 245+50**

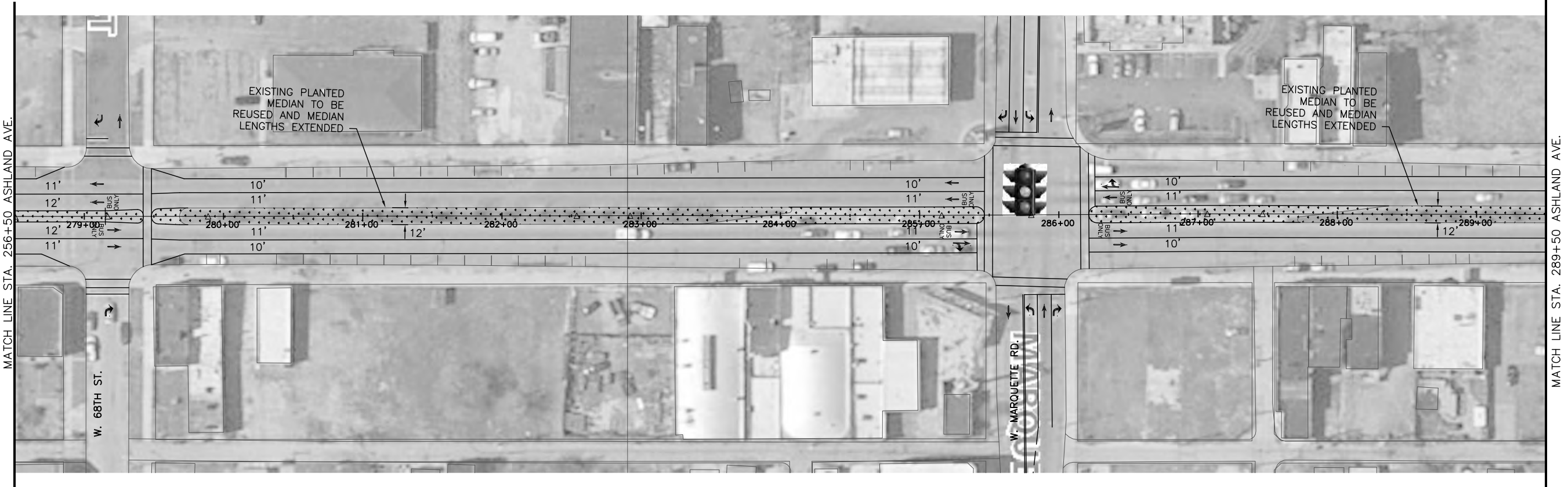
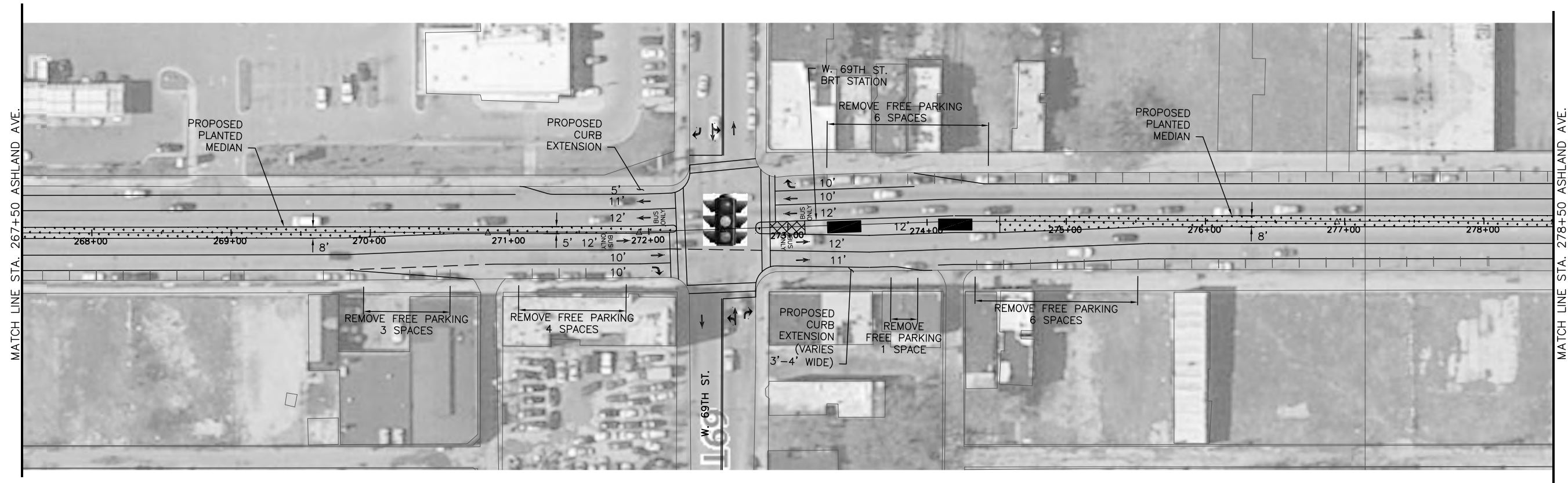
ASHLAND AVE. BRT



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CHECKED	SDG

PLAN - ASHLAND AVENUE
STA. 245+50 TO STA. 267+50

ASHLAND AVE. BRT

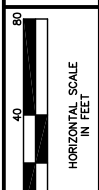


MATCH LINE STA. 267+50 ASHLAND AVE.

MATCH LINE STA. 278+50 ASHLAND AVE.

MATCH LINE STA. 256+50 ASHLAND AVE.

MATCH LINE STA. 289+50 ASHLAND AVE.

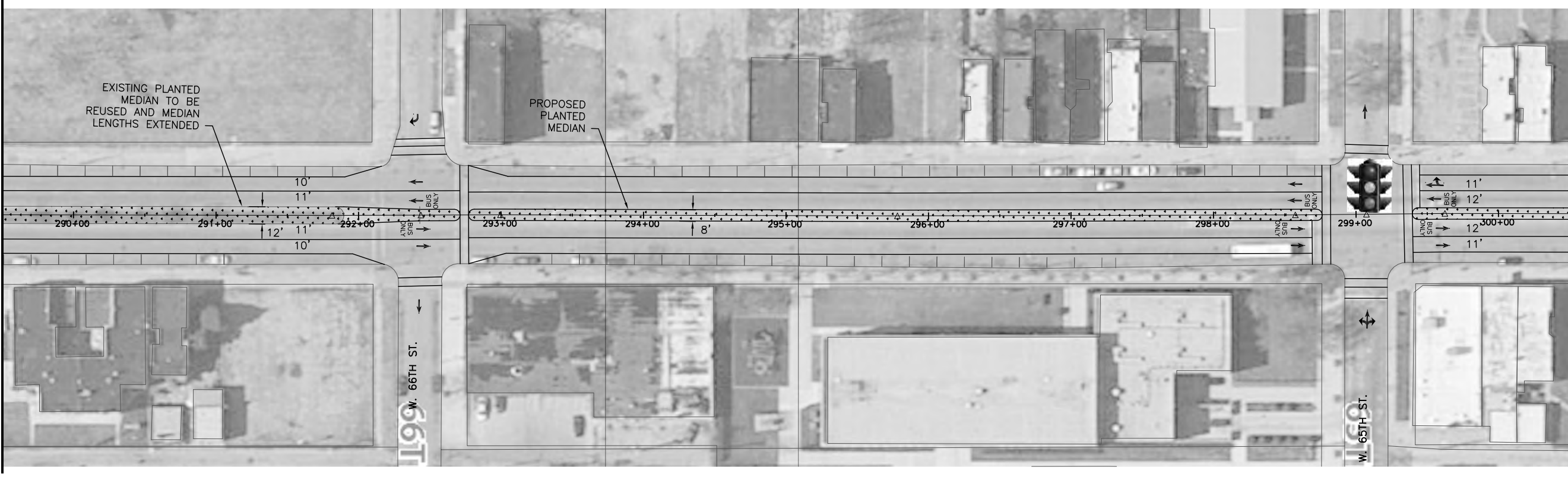


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PLAN - ASHLAND AVENUE
STA. 267+50 TO STA. 289+50

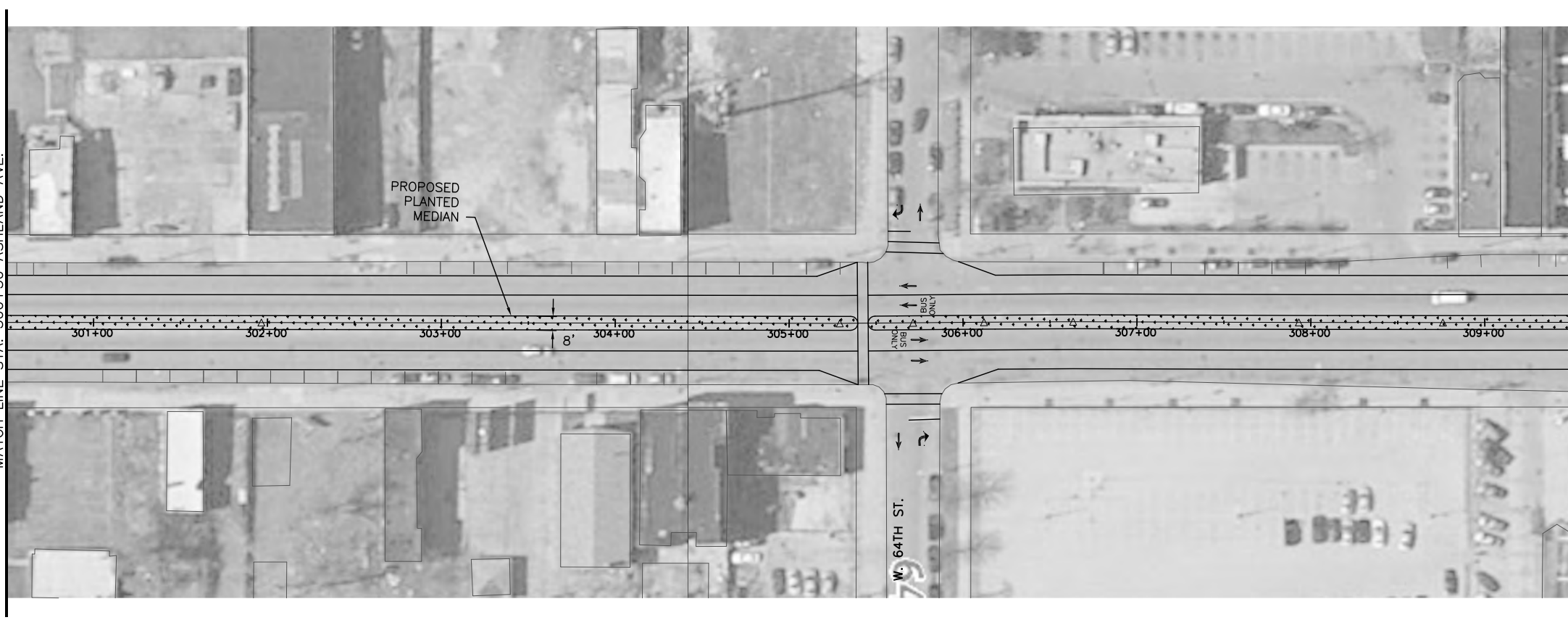
ASHLAND AVE. BRT

MATCH LINE STA. 289+50 ASHLAND AVE.

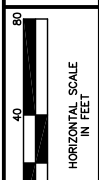


MATCH LINE STA. 300+50 ASHLAND AVE.

MATCH LINE STA. 300+50 ASHLAND AVE.



MATCH LINE STA. 309+50 ASHLAND AVE.



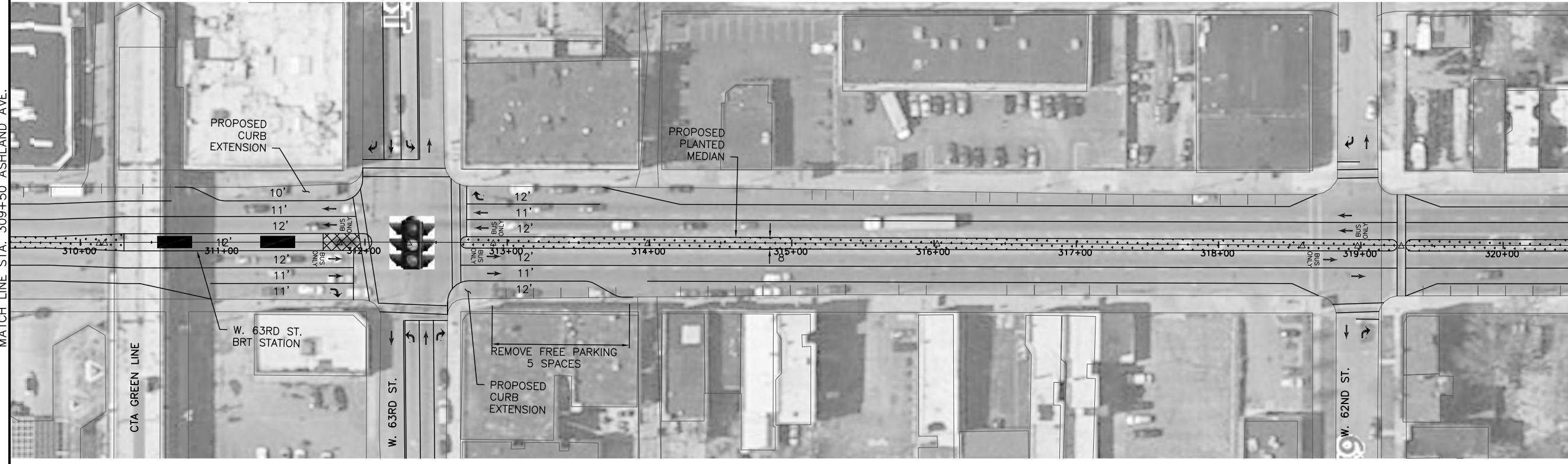
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**PLAN - ASHLAND AVENUE
STA. 289+50 TO STA. 309+50**

ASHLAND AVE. BRT



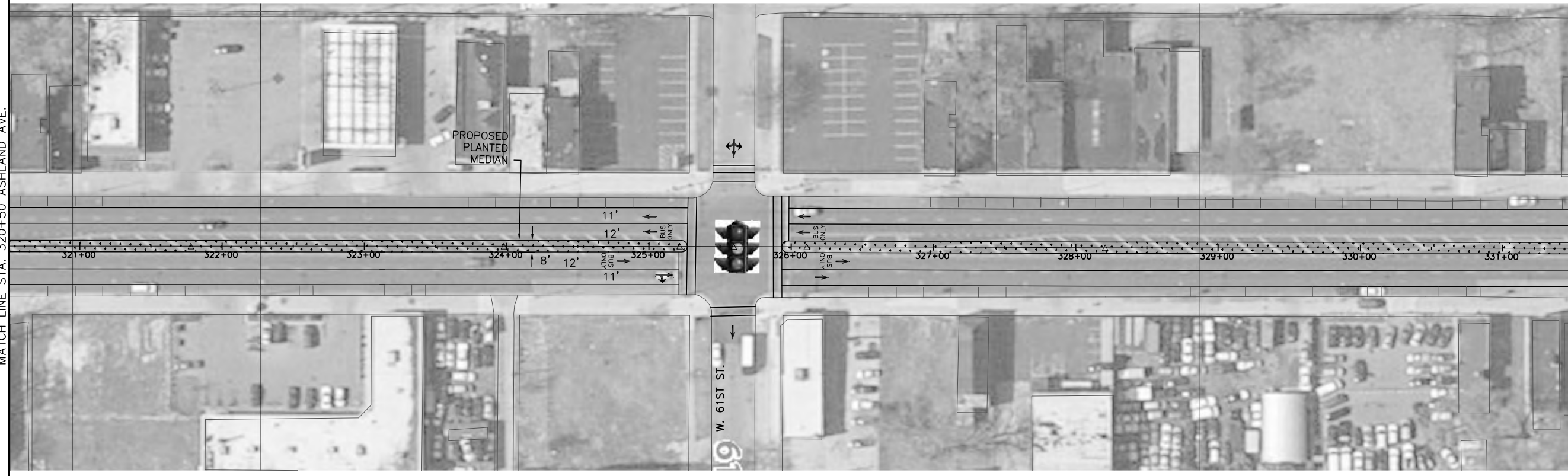
MATCH LINE STA. 309+50 ASHLAND AVE.



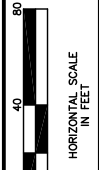
MATCH LINE STA. 320+50 ASHLAND AVE.



MATCH LINE STA. 320+50 ASHLAND AVE.



MATCH LINE STA. 331+50 ASHLAND AVE.



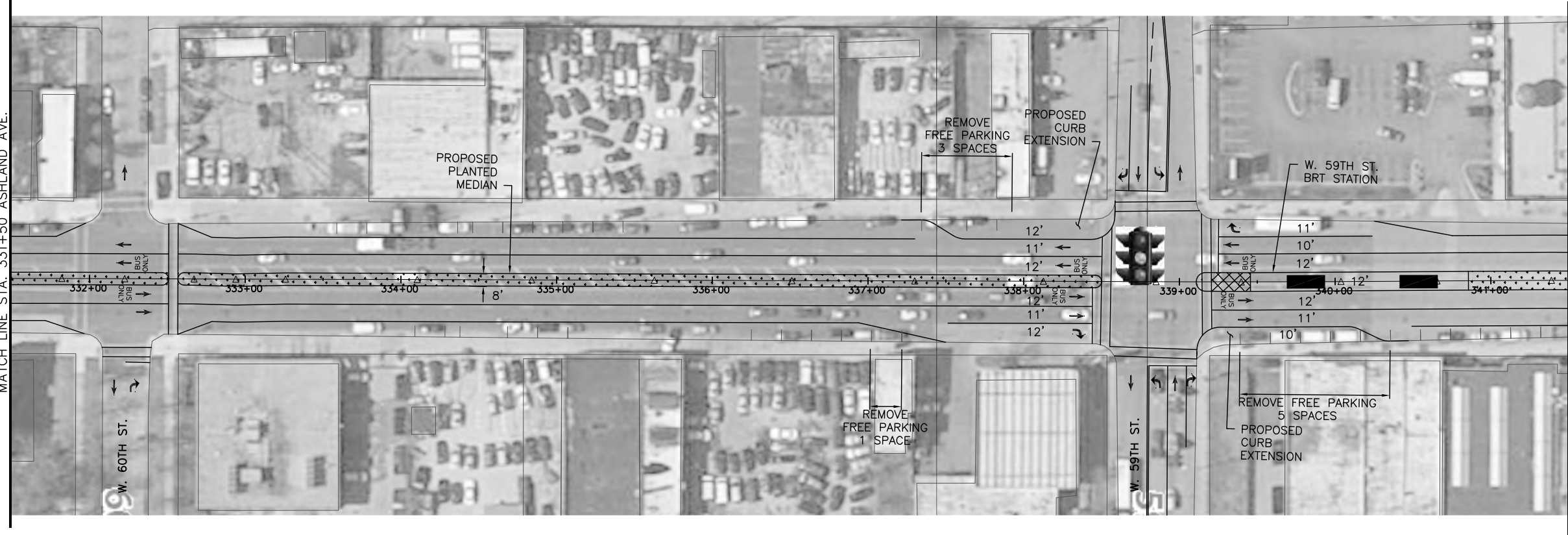
CALCULATED
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PLAN - ASHLAND AVENUE
STA. 309+50 TO STA. 331+50

ASHLAND AVE. BRT

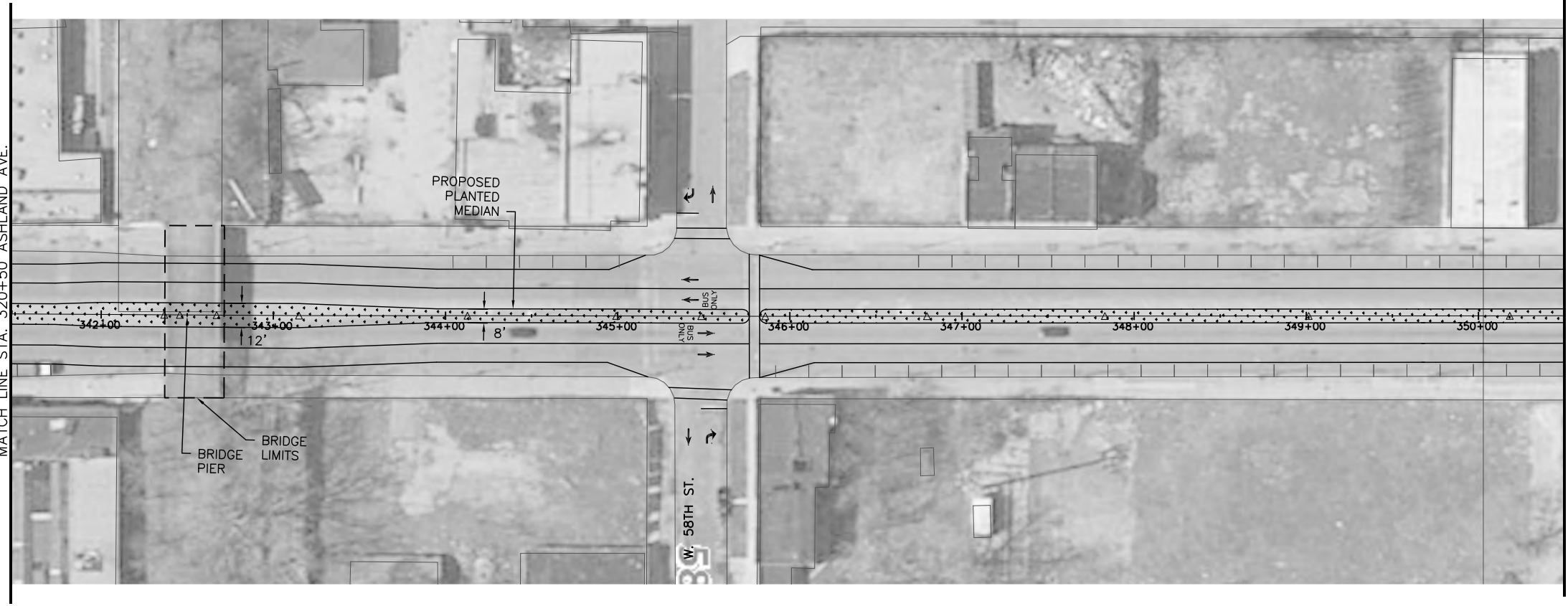


MATCH LINE STA. 331+50 ASHLAND AVE.

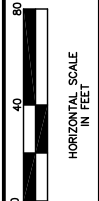


MATCH LINE STA. 341+50 ASHLAND AVE.

MATCH LINE STA. 320+50 ASHLAND AVE.



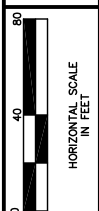
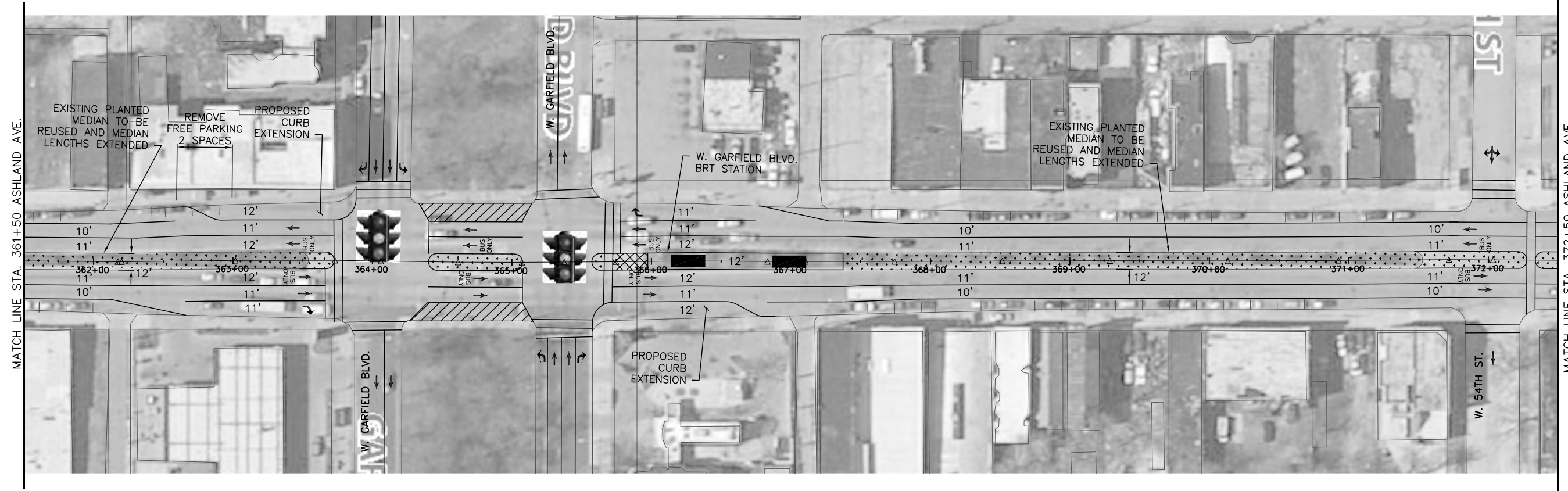
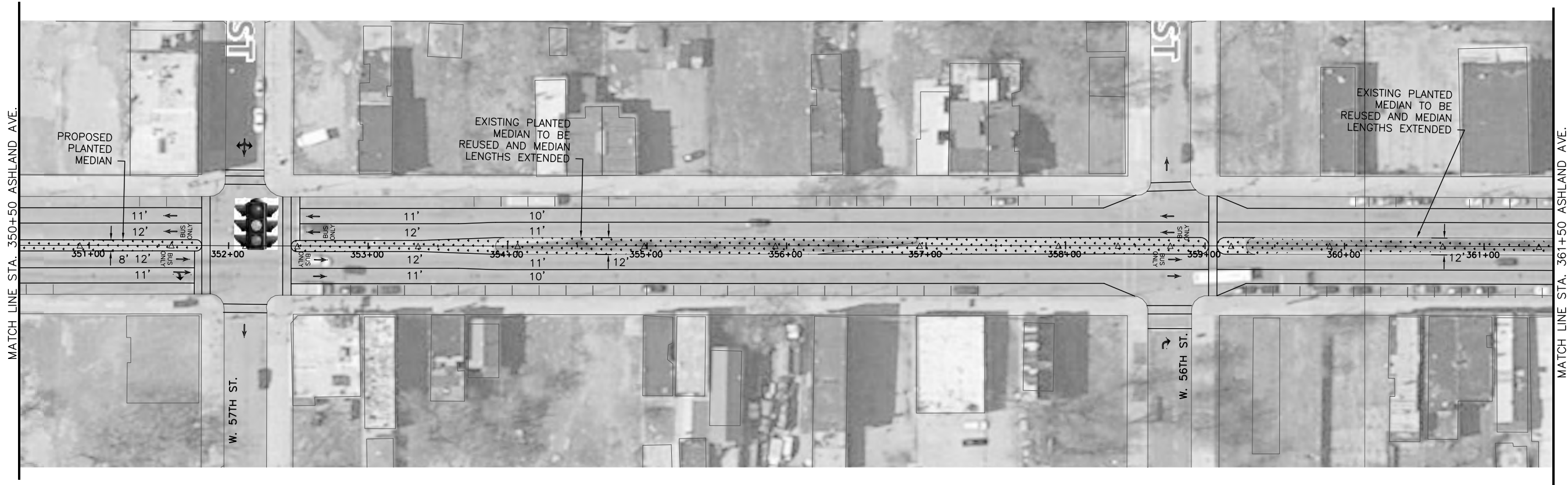
MATCH LINE STA. 350+50 ASHLAND AVE.



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**PLAN - ASHLAND AVENUE
STA. 331+50 TO STA. 350+50**

ASHLAND AVE. BRT



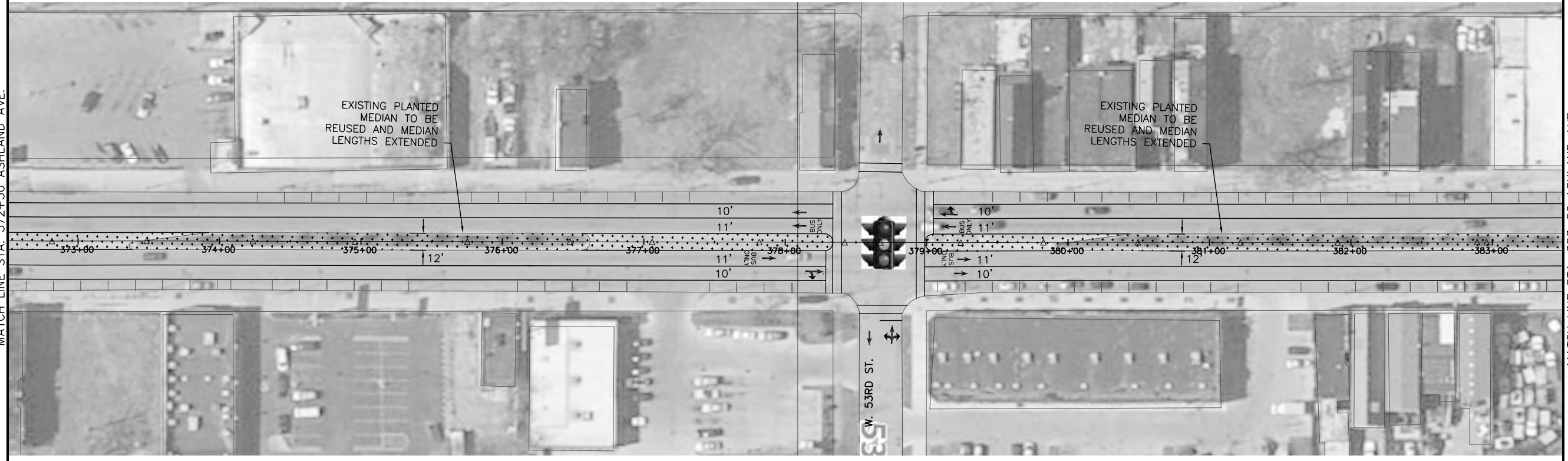
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CHECKED	SDG

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STA. 350+50 TO STA. 372+50**

ASHLAND AVE. BRT

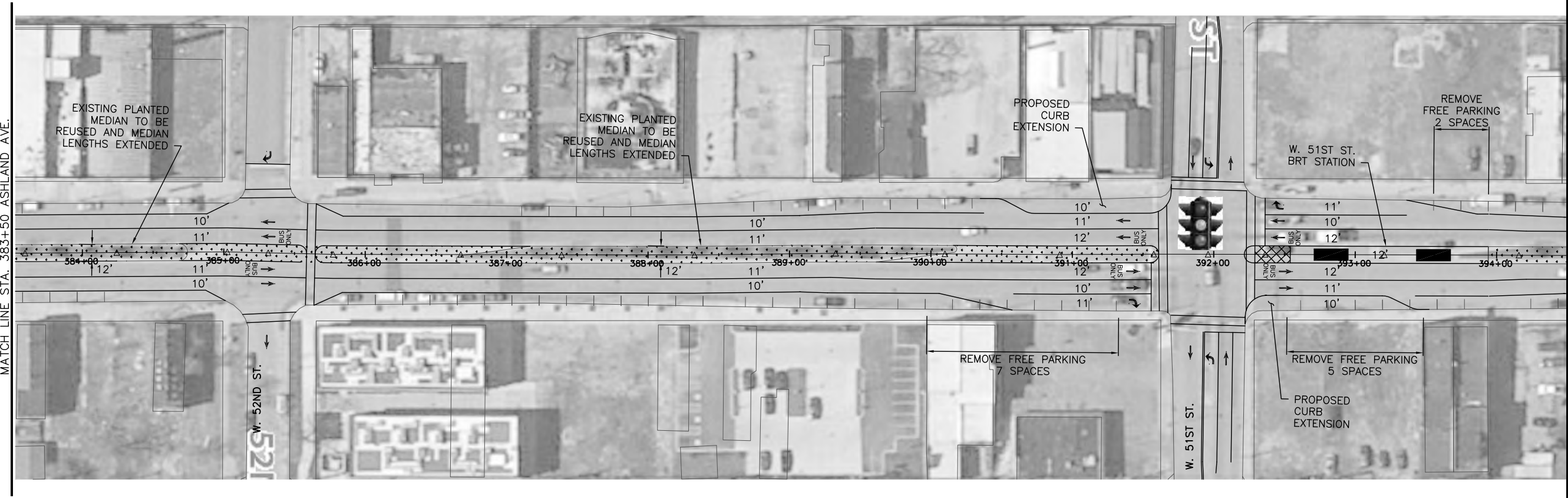


MATCH LINE STA. 372+50 ASHLAND AVE.

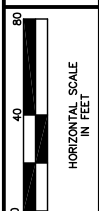


MATCH LINE STA. 383+50 ASHLAND AVE.

MATCH LINE STA. 383+50 ASHLAND AVE.



MATCH LINE STA. 394+50 ASHLAND AVE.



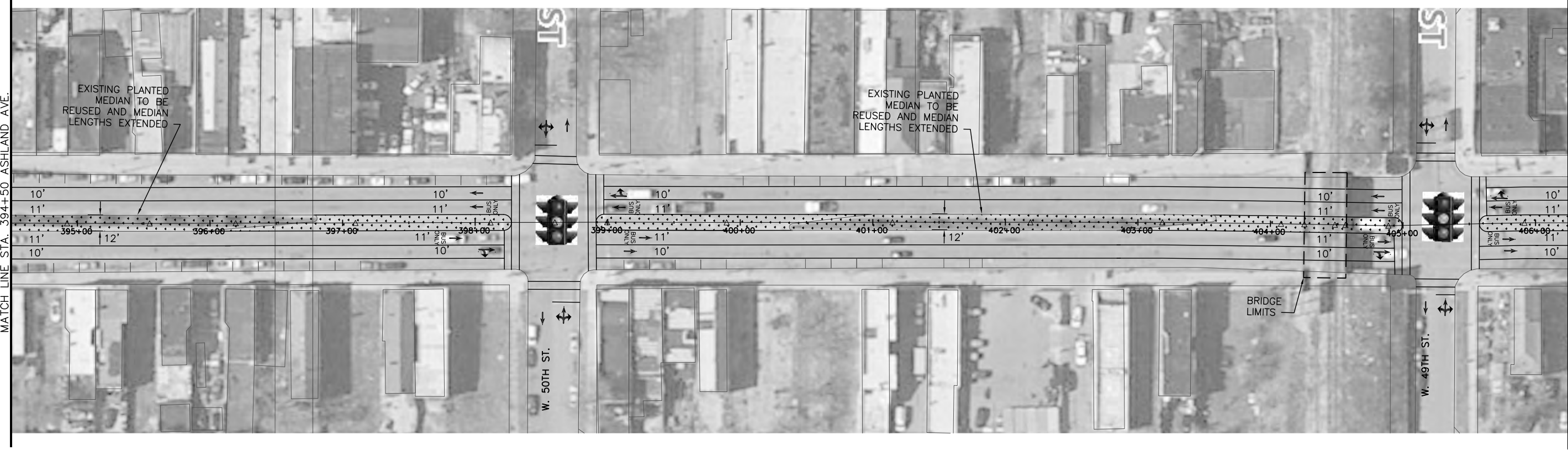
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PLAN - ASHLAND AVENUE
STA. 372+50 TO STA. 394+50

ASHLAND AVE. BRT

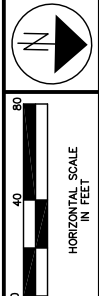


MATCH LINE STA. 394+50 ASHLAND AVE.



MATCH LINE STA. 406+25 ASHLAND AVE.

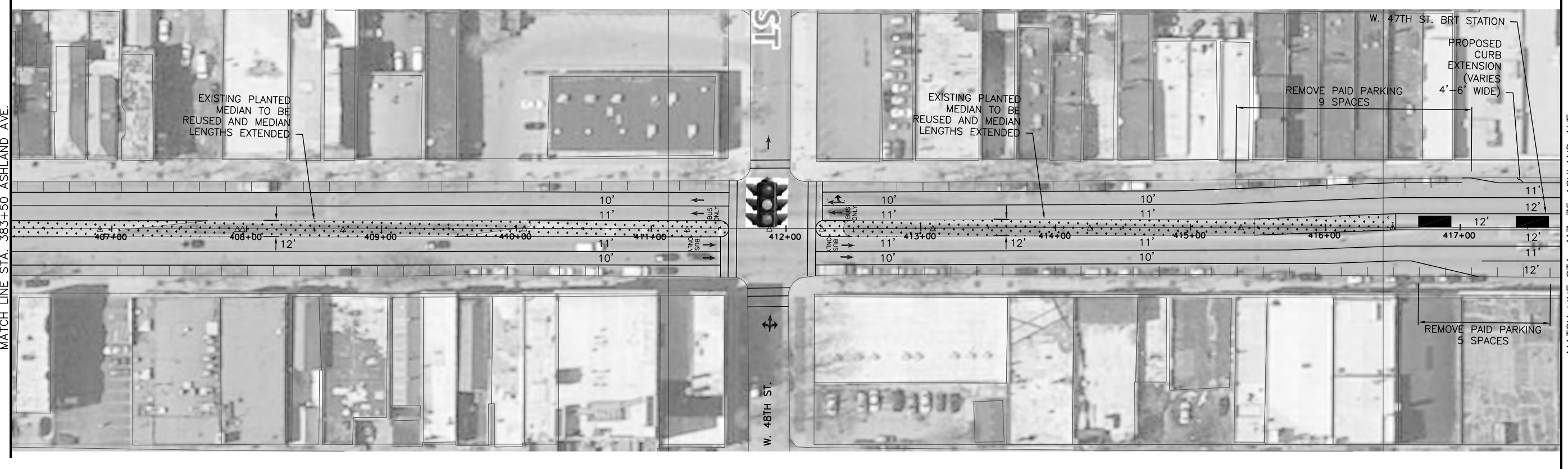
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PLAN - ASHLAND AVENUE
STA. 394+50 TO STA. 417+75

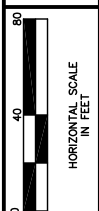
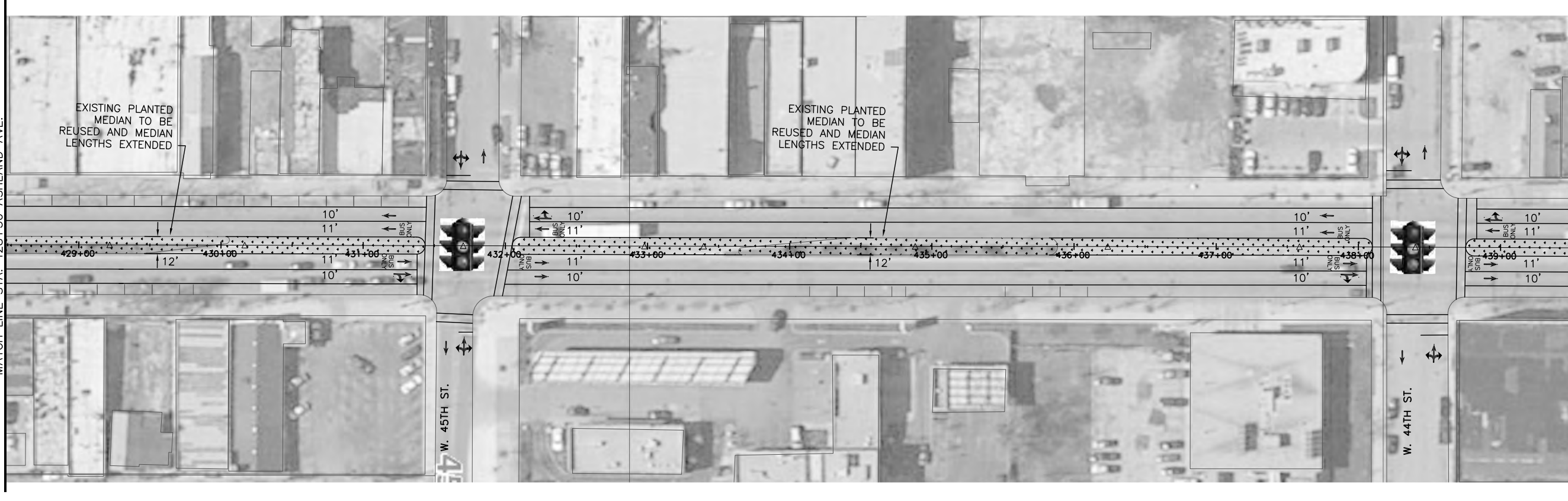
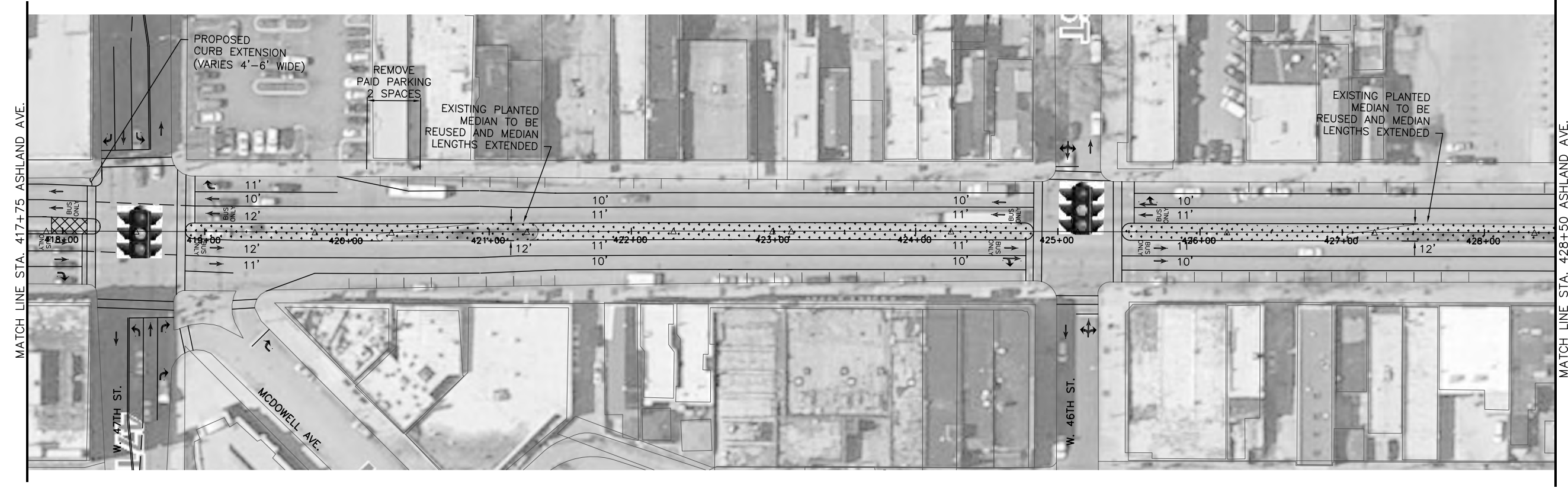


MATCH LINE STA. 383+50 ASHLAND AVE.



MATCH LINE STA. 417+75 ASHLAND AVE.

ASHLAND AVE. BRT



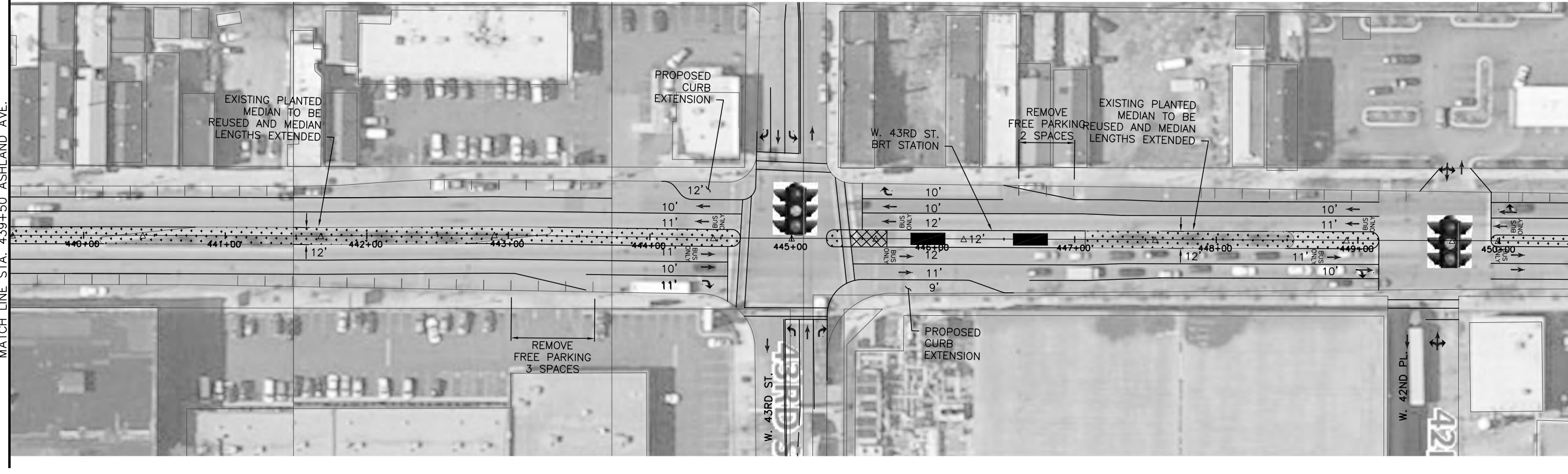
CALCULATED
SMS
CHECKED
SDG

**PLAN - ASHLAND AVENUE
STA. 417+75 TO STA. 439+50**

ASHLAND AVE. BRT

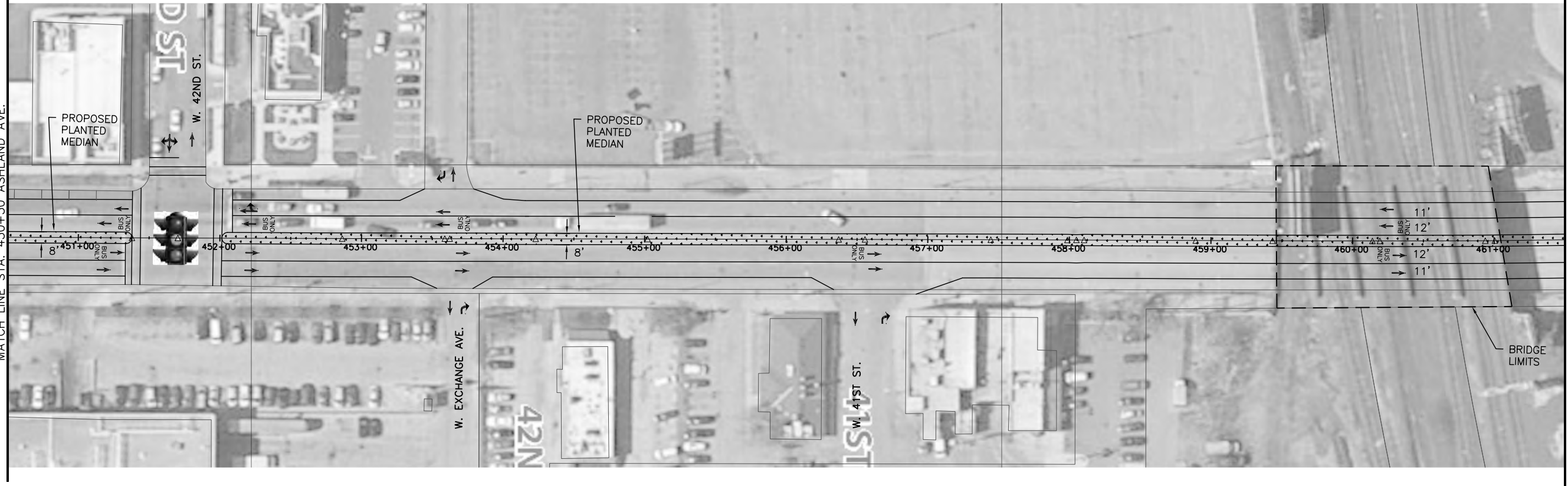


MATCH LINE STA. 439+50 ASHLAND AVE.

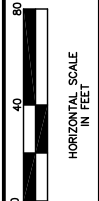


MATCH LINE STA. 450+50 ASHLAND AVE.

MATCH LINE STA. 450+50 ASHLAND AVE.



MATCH LINE STA. 461+50 ASHLAND AVE.



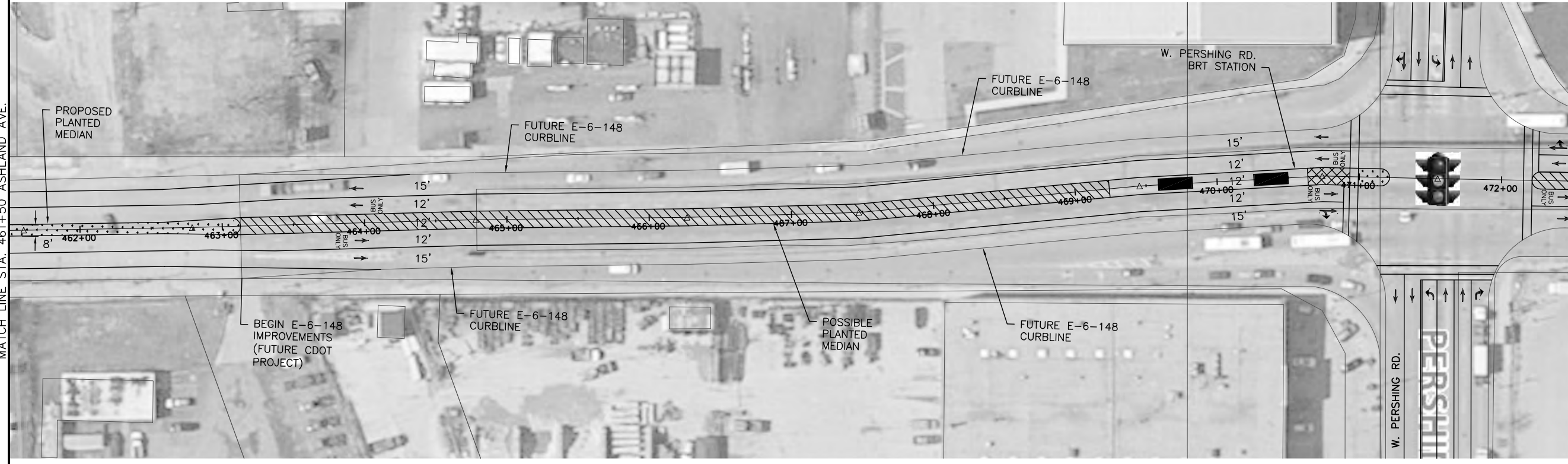
CALCULATED	SMS
CHECKED	SDG

PLAN - ASHLAND AVENUE
STA. 438+50 TO STA. 461+50

ASHLAND AVE. BRT



MATCH LINE STA. 461+50 ASHLAND AVE.

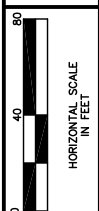


MATCH LINE STA. 472+50 ASHLAND AVE.

MATCH LINE STA. 472+50 ASHLAND AVE.



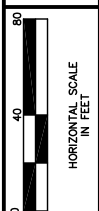
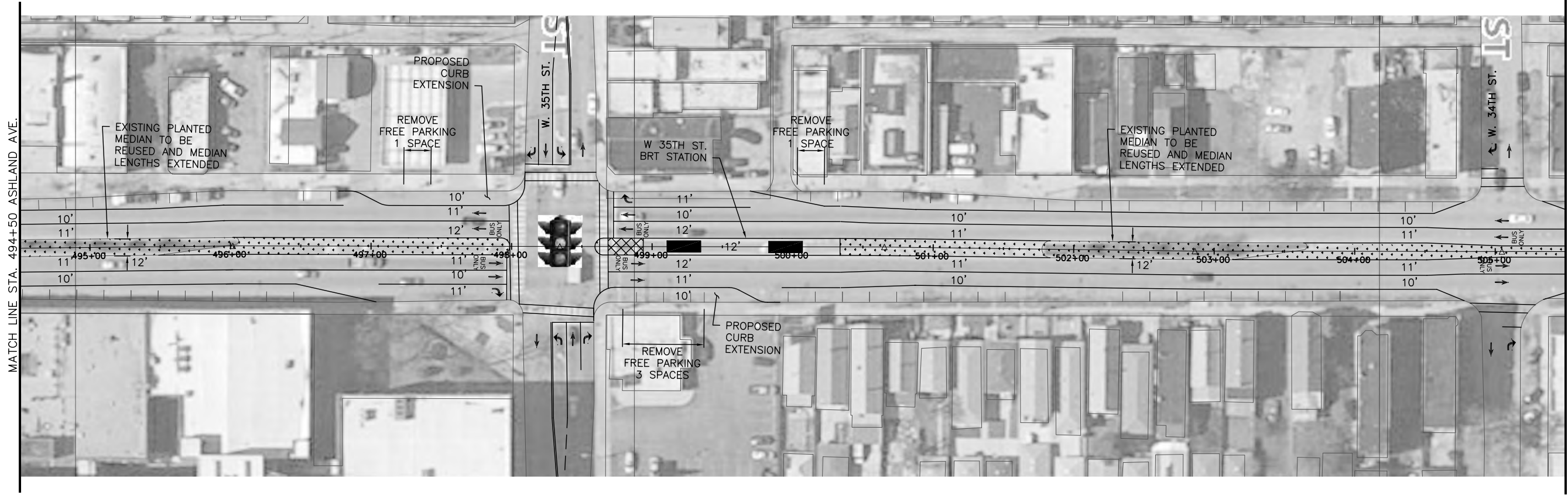
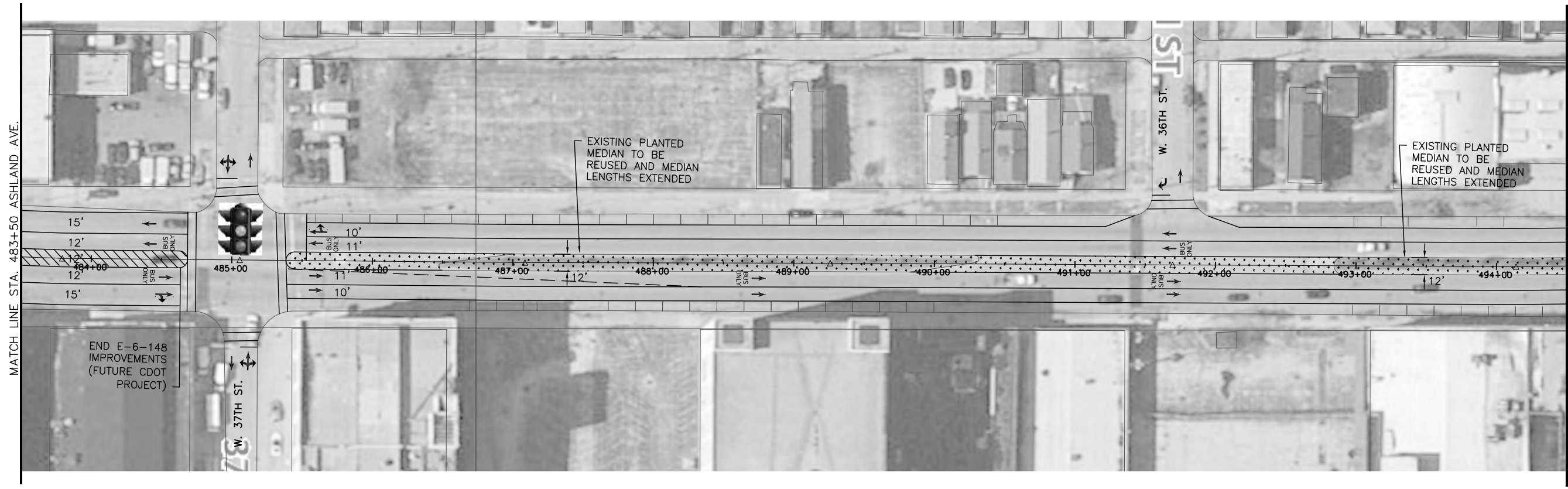
MATCH LINE STA. 483+50 ASHLAND AVE.



CALCULATED
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PLAN - ASHLAND AVENUE
STA. 461+50 TO STA. 483+50

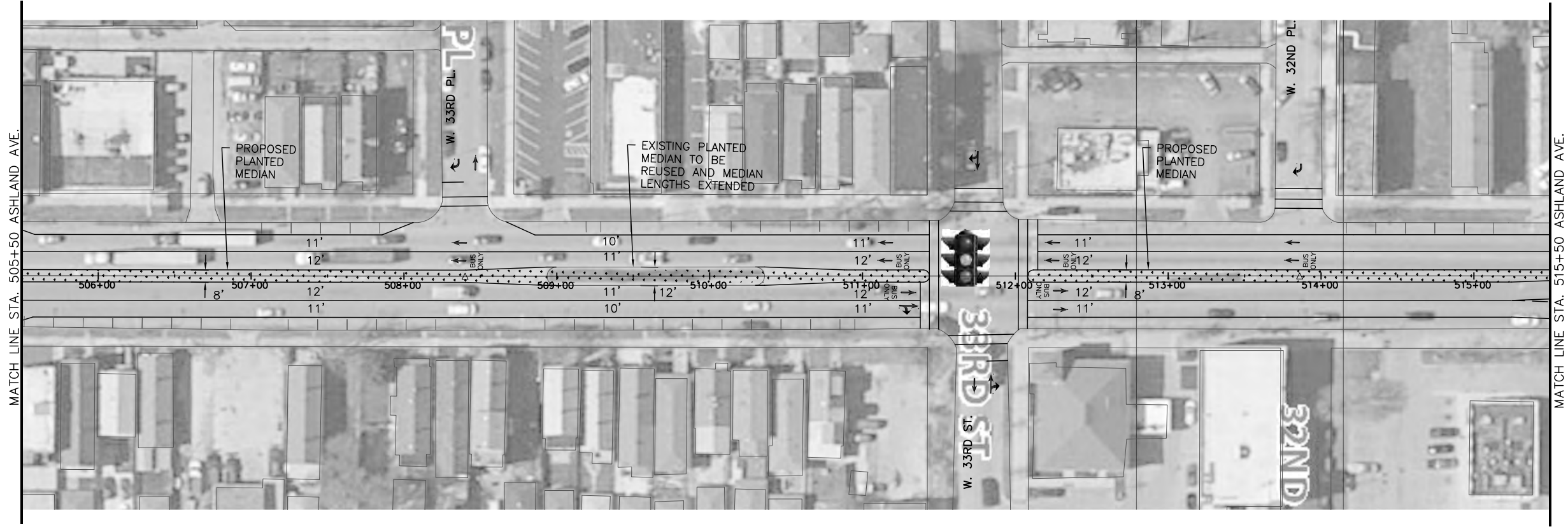
ASHLAND AVE. BRT



CALCULATED	SMS
CHECKED	SDG

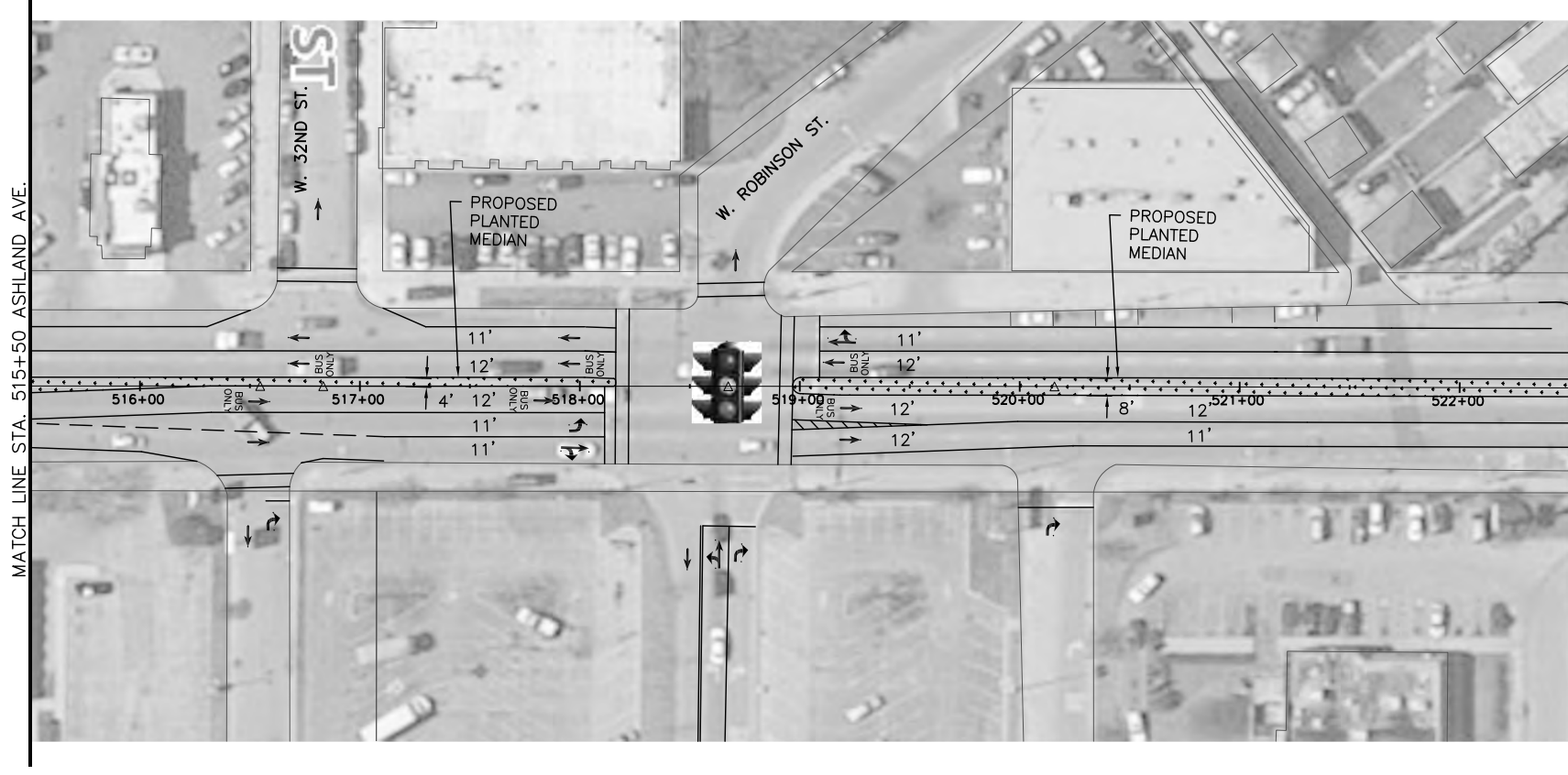
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STA. 483+50 TO STA. 505+50**

ASHLAND AVE. BRT



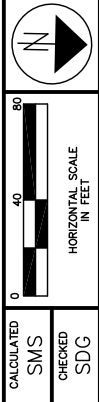
MATCH LINE STA. 505+50 ASHLAND AVE.

MATCH LINE STA. 515+50 ASHLAND AVE.



MATCH LINE STA. 515+50 ASHLAND AVE.

MATCH LINE STA. 526+50 ASHLAND AVE.



CALCULATED
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CHECKED
SDG

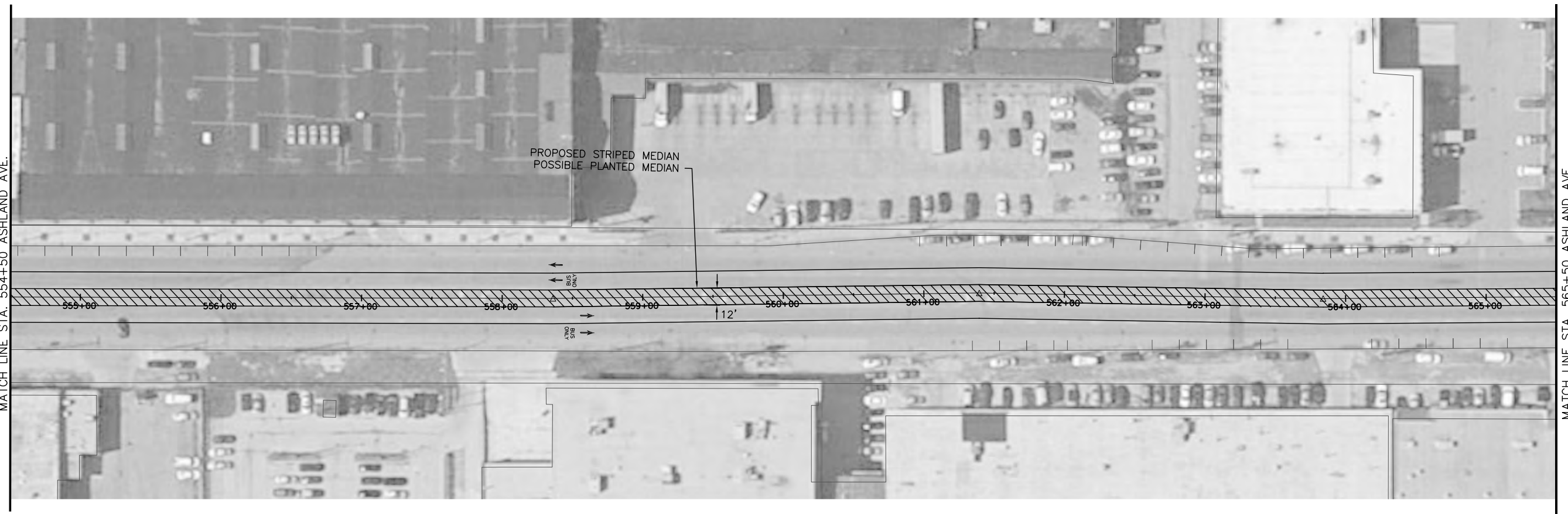
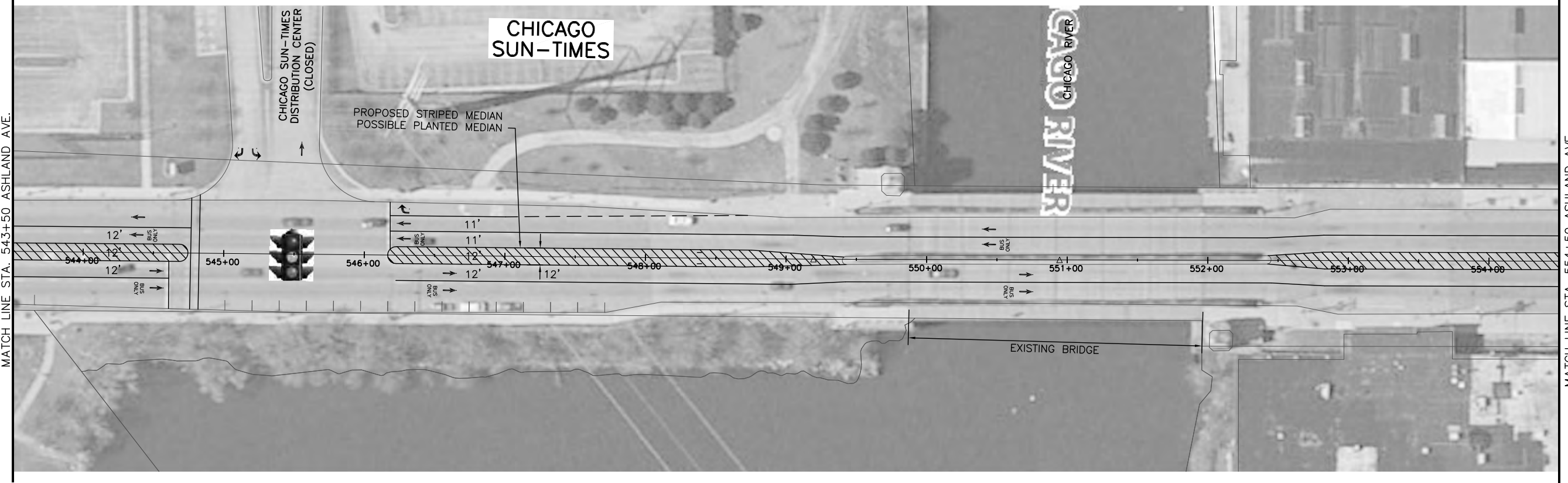
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STA. 505+50 TO STA. 522+50**

ASHLAND AVE. BRT



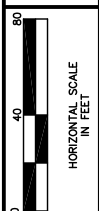
MATCH LINE STA. 543+50 ASHLAND AVE.

MATCH LINE STA. 554+50 ASHLAND AVE.



MATCH LINE STA. 554+50 ASHLAND AVE.

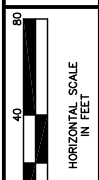
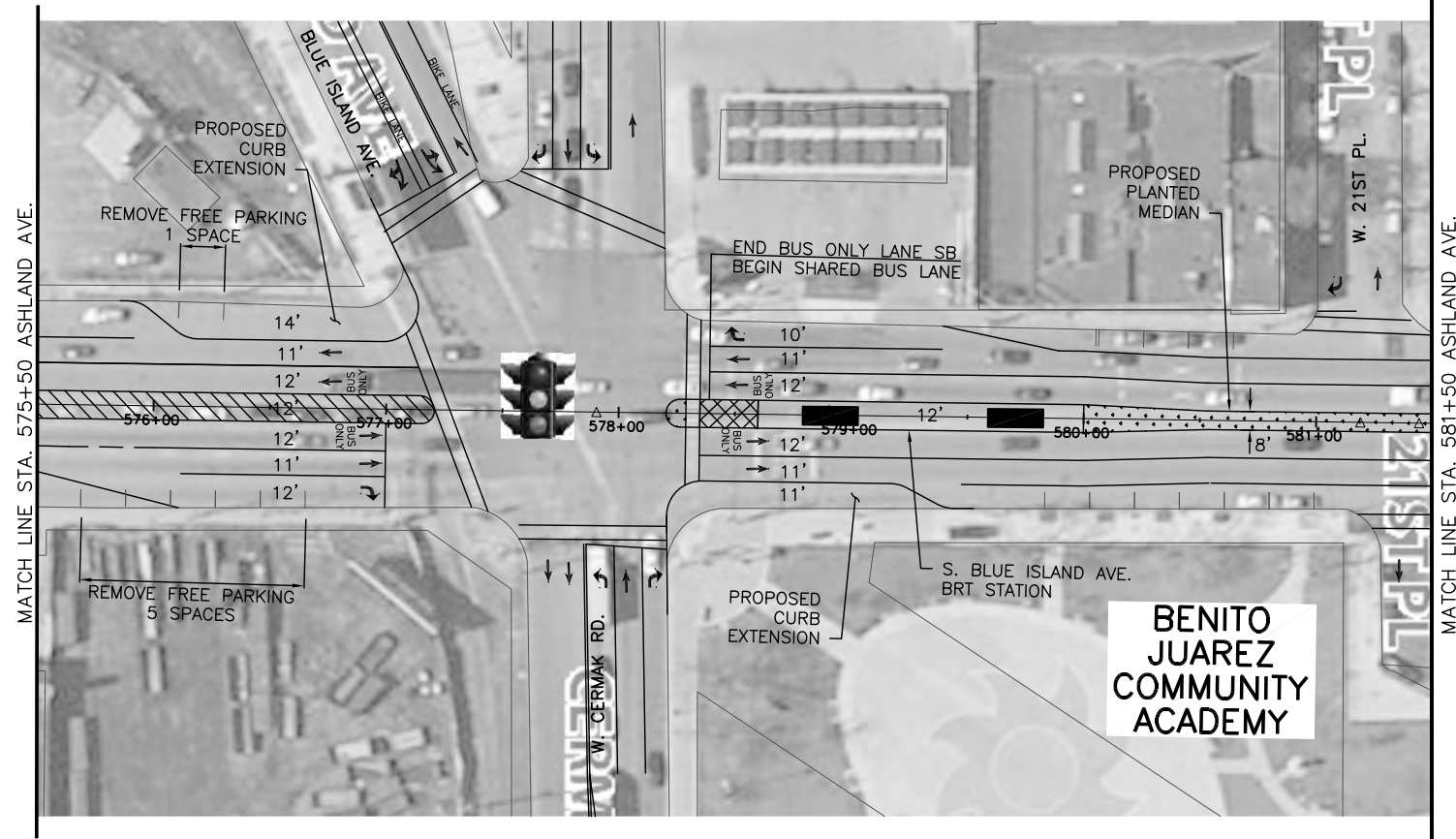
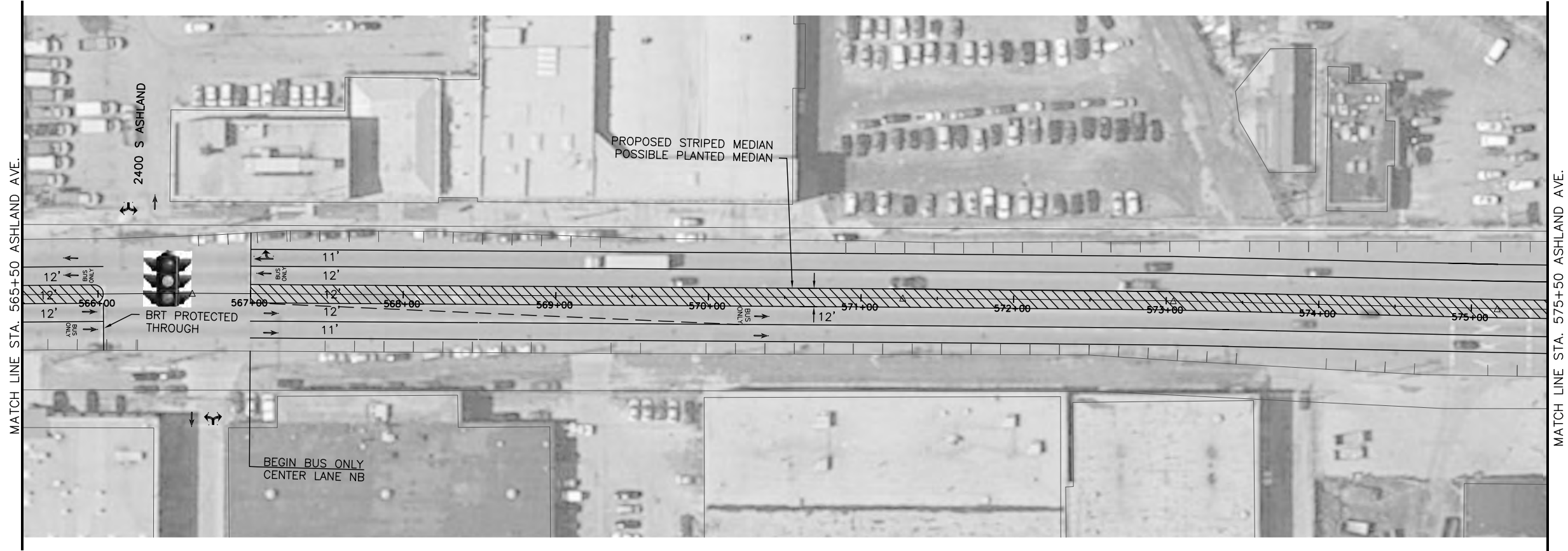
MATCH LINE STA. 565+50 ASHLAND AVE.



CALCULATED	SMS
CHECKED	SDG

PLAN - ASHLAND AVENUE
STA. 543+50 TO STA. 565+50

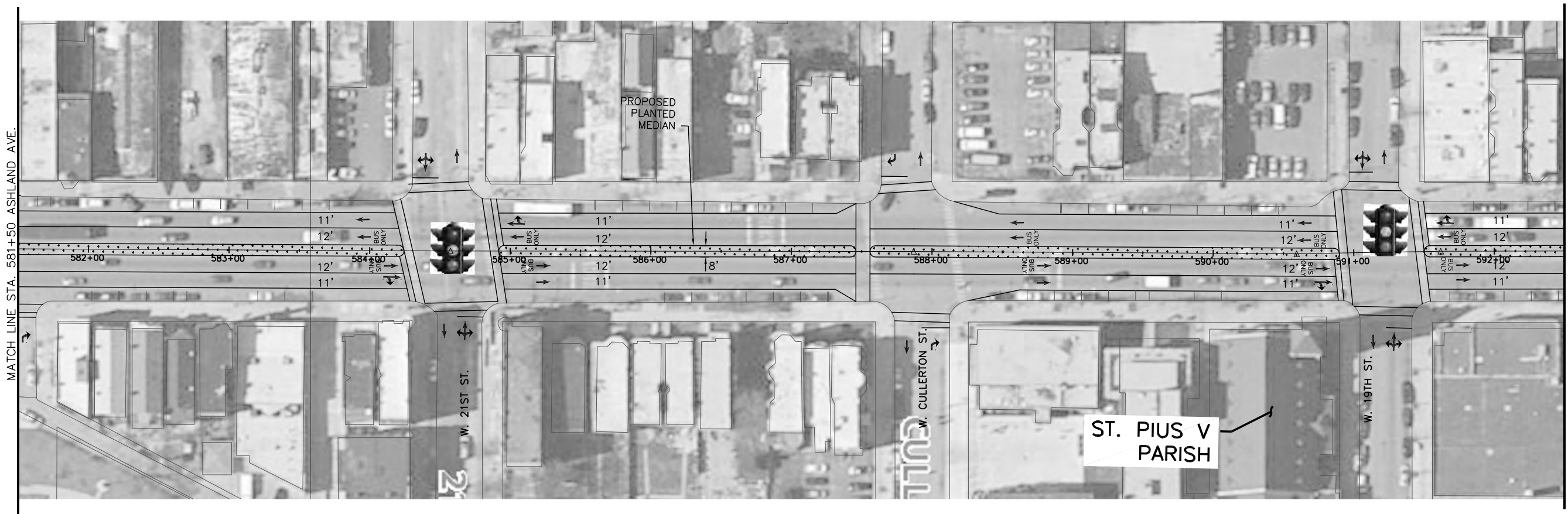
ASHLAND AVE. BRT



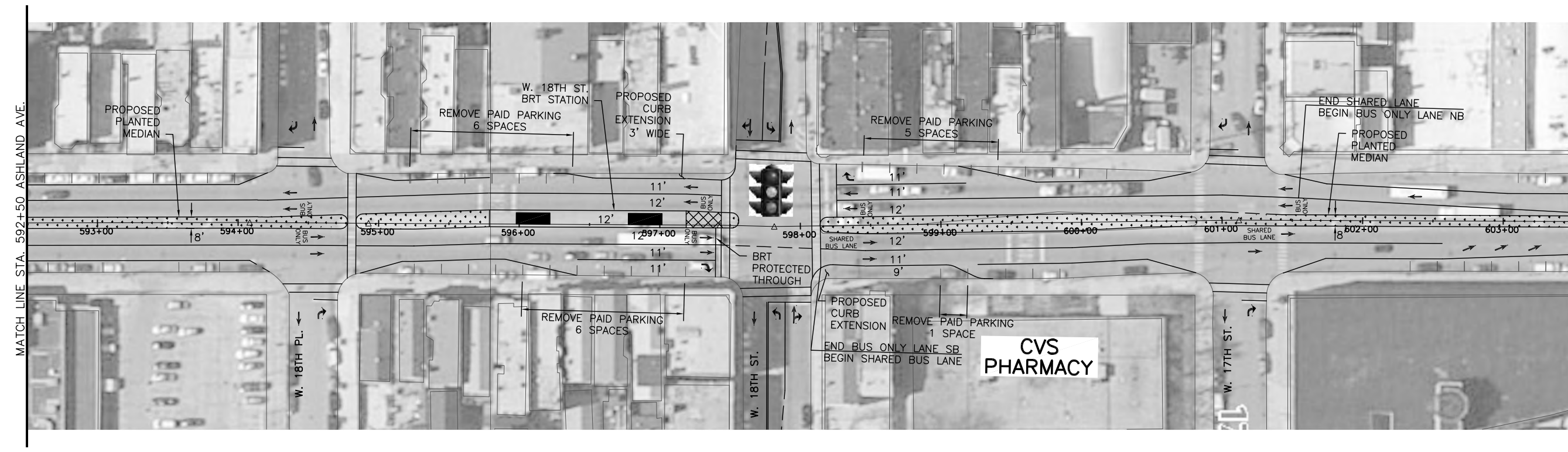
CALCULATED	SMS
CHECKED	SDG

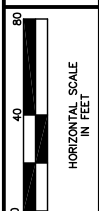
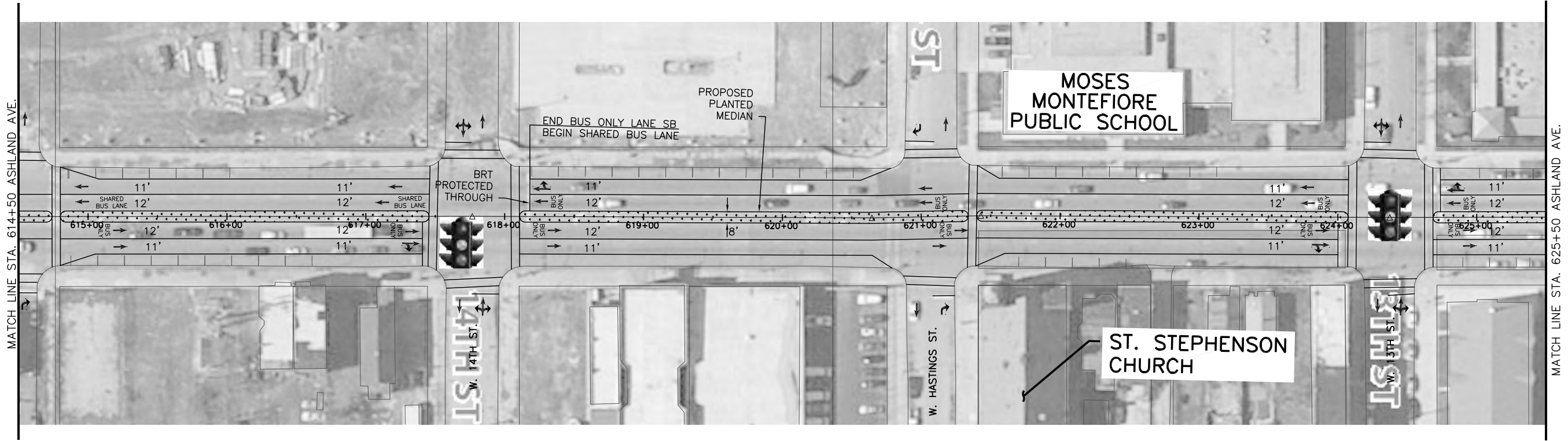
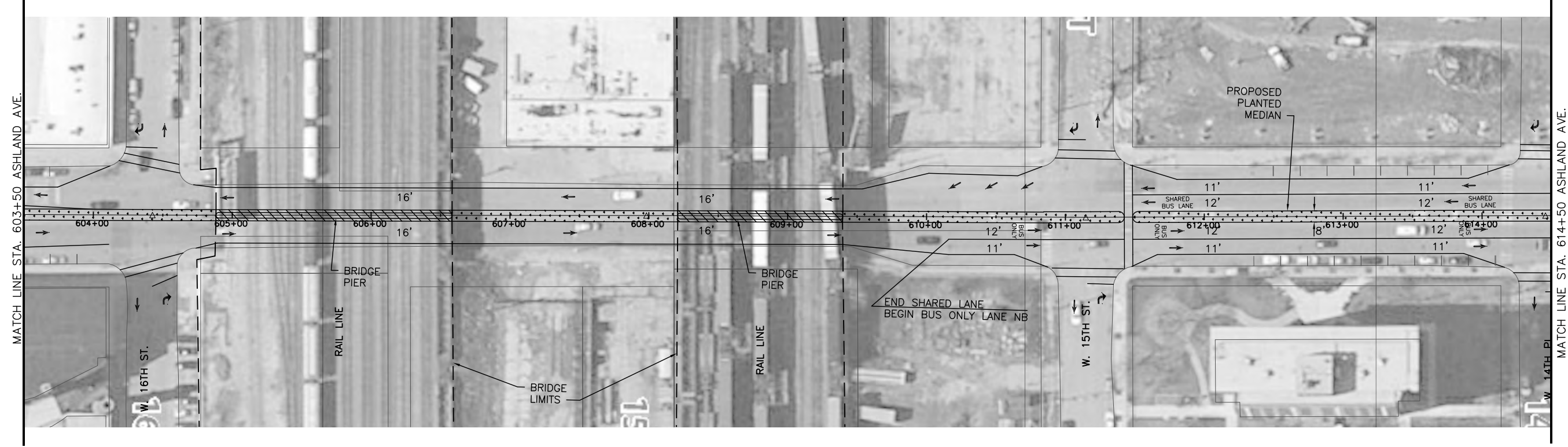
**PLAN - ASHLAND AVENUE
STA. 565+50 TO STA. 581+50**

ASHLAND AVE. BRT



PLAN - ASHLAND AVENUE
STA. 581+50 TO STA. 603+50

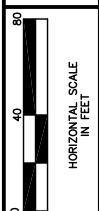




CALCULATED
SMS
CHECKED
SDG

**PLAN - ASHLAND AVENUE
STA. 603+50 TO STA. 625+50**

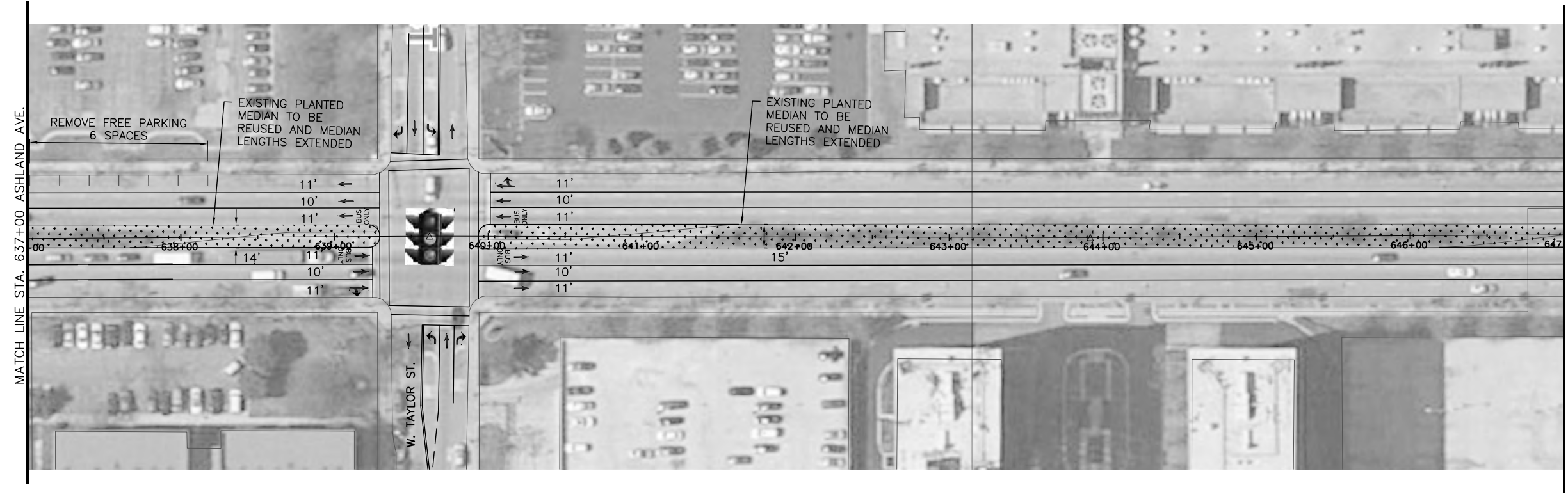
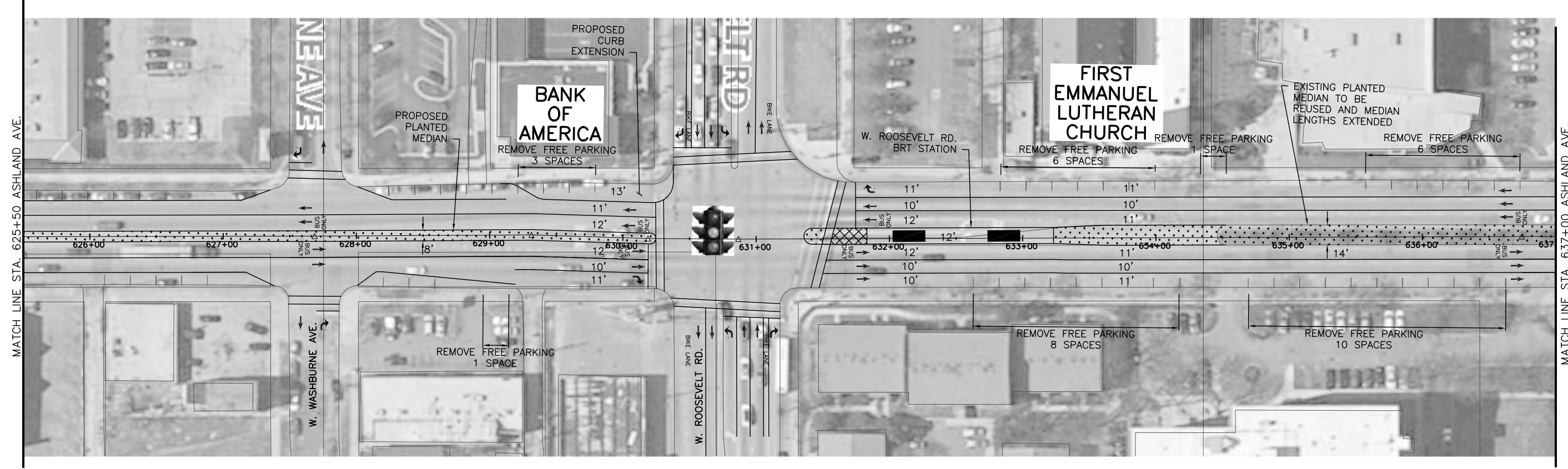
ASHLAND AVE. BRT

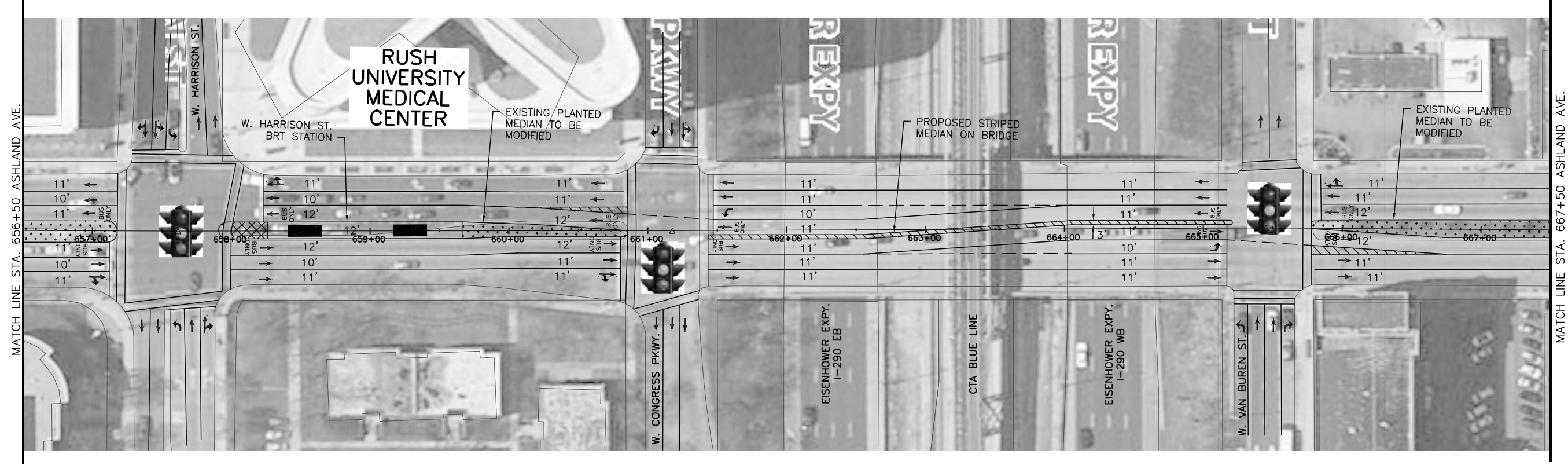


CALCULATED
SMS
CHECKED
SDG

**PLAN - ASHLAND AVENUE
STA. 625+50 TO STA. 647+00**

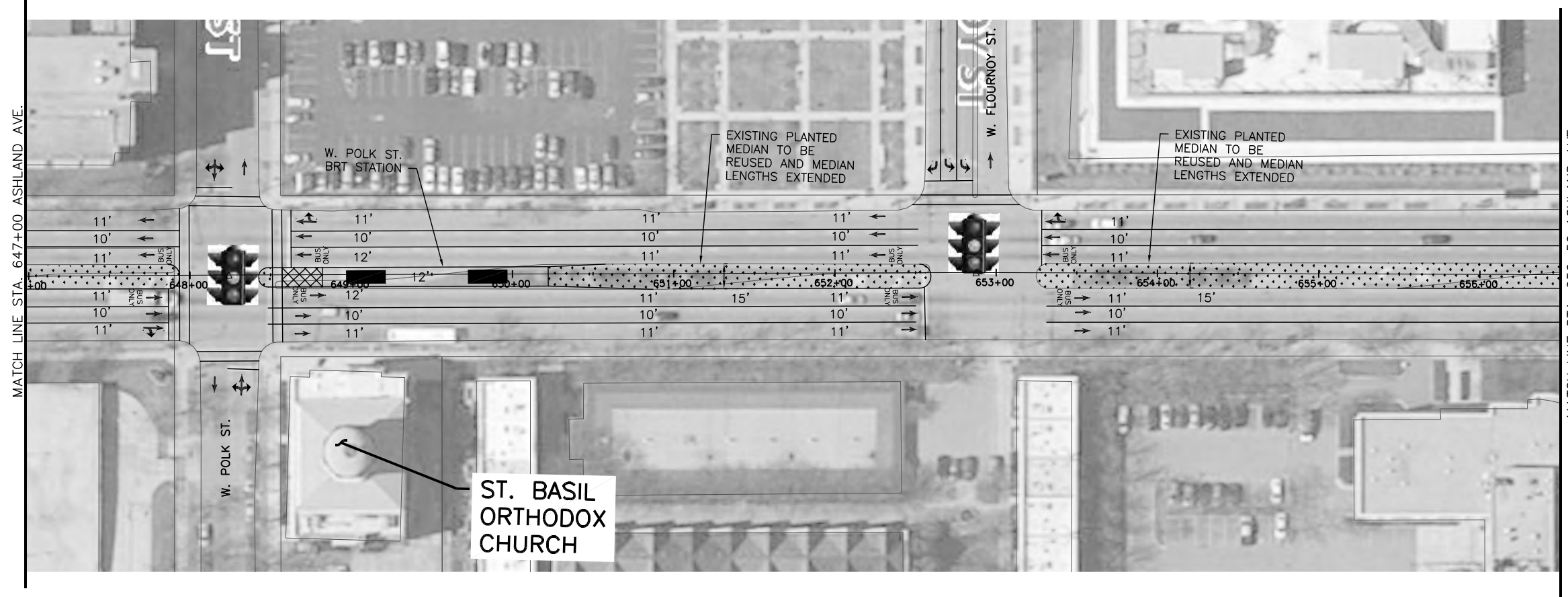
ASHLAND AVE. BRT





MATCH LINE STA. 656+50 ASHLAND AVE.

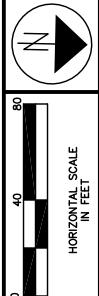
MATCH LINE STA. 667+50 ASHLAND AVE.



MATCH LINE STA. 647+00 ASHLAND AVE.

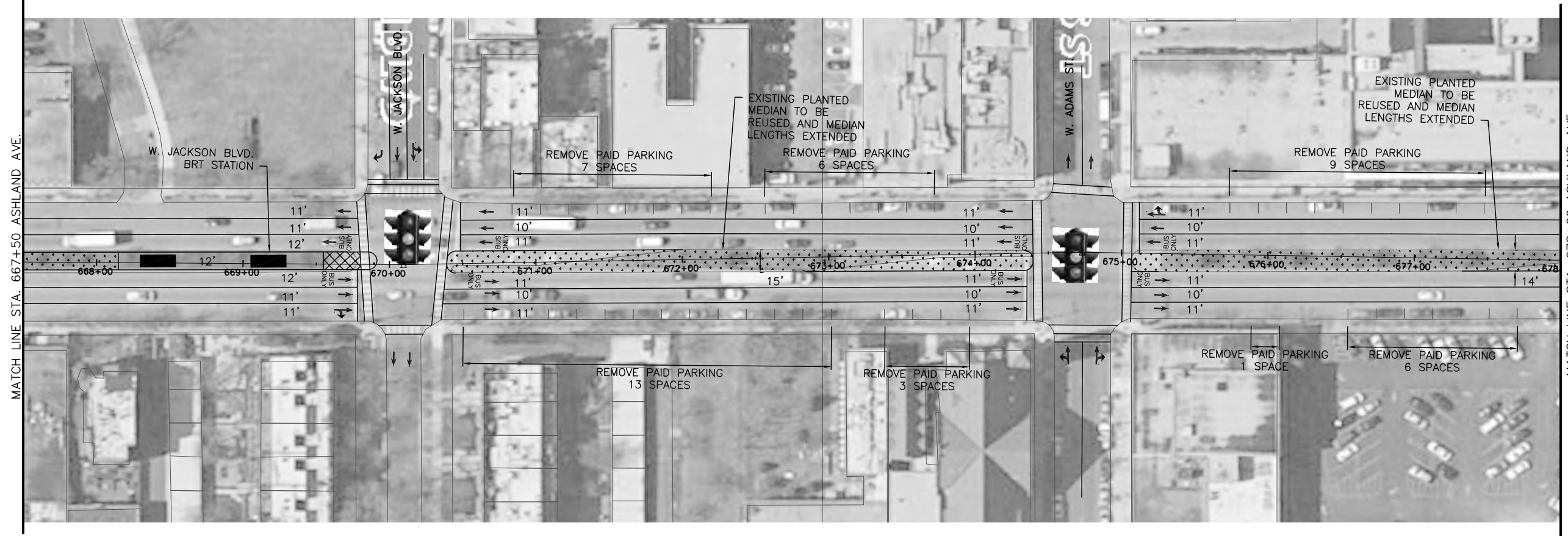
MATCH LINE STA. 656+50 ASHLAND AVE.

CALCULATED	SMS
CHECKED	SDG



PLAN - ASHLAND AVENUE
STA. 647+00 TO STA. 667+50

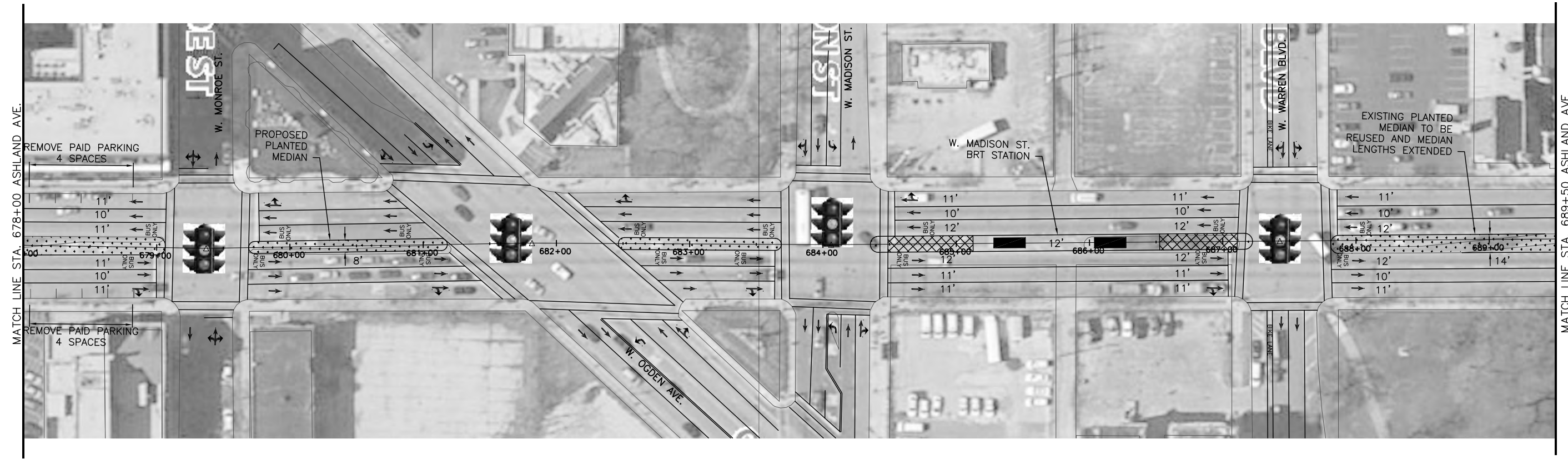
ASHLAND AVE. BRT



CALCULATED
SMS
CHECKED
SDG

0 40 80
HORIZONTAL SCALE
IN FEET

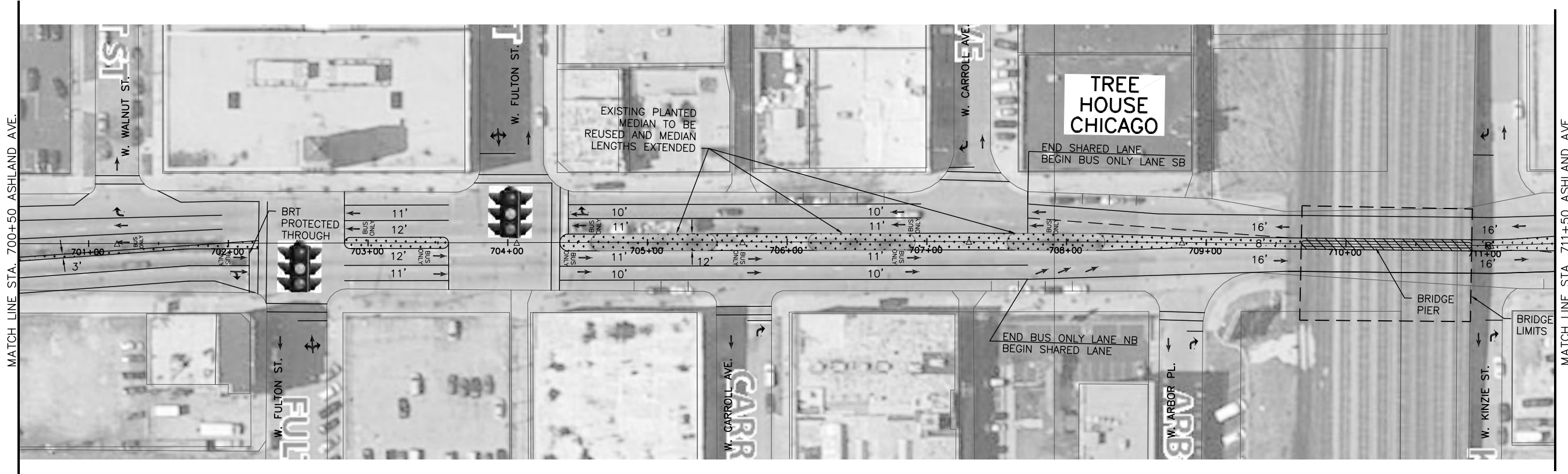
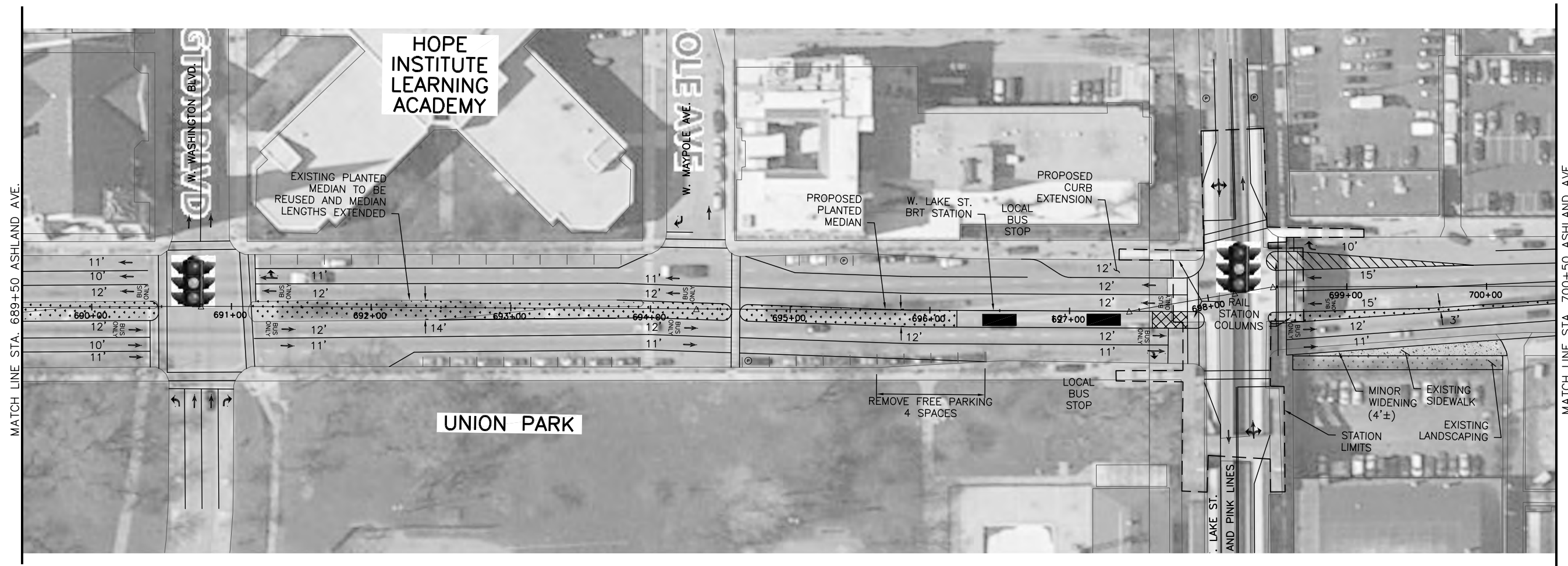
**PLAN - ASHLAND AVENUE
STA. 667+50 TO STA. 689+50**



MATCH LINE STA. 689+50 ASHLAND AVE.

ASHLAND AVE. BRT

31
45

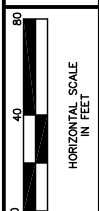


MATCH LINE STA. 689+50 ASHLAND AVE.

MATCH LINE STA. 700+50 ASHLAND AVE.

MATCH LINE STA. 700+50 ASHLAND AVE.

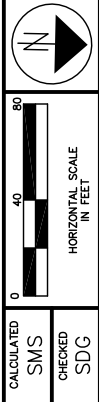
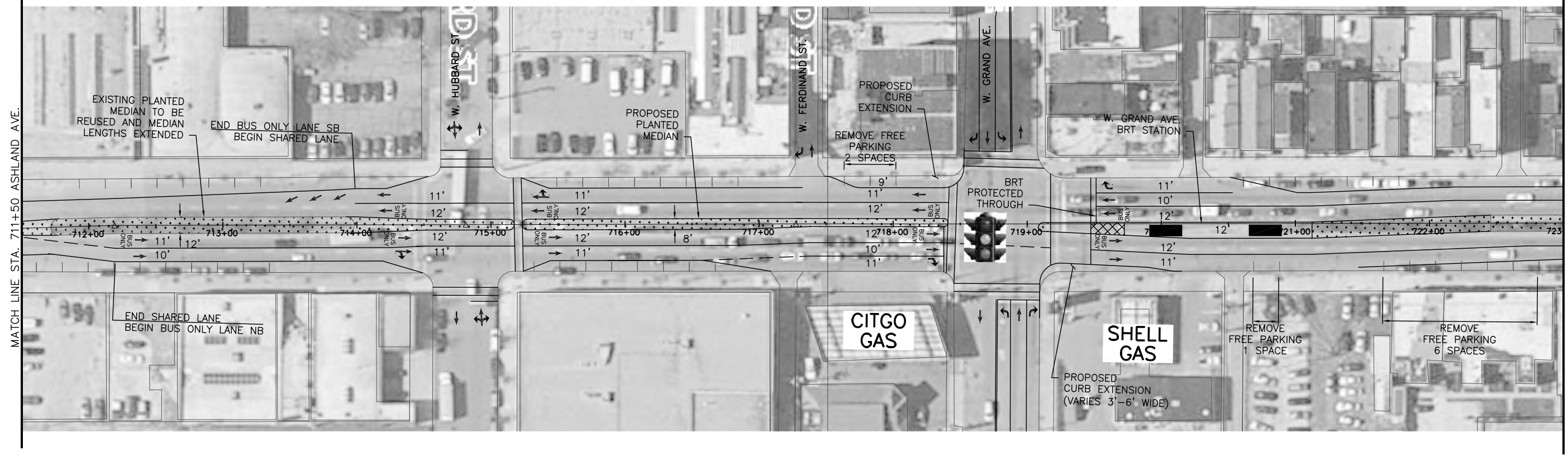
MATCH LINE STA. 711+50 ASHLAND AVE.



CALCULATED
SMS
CHECKED
SDG

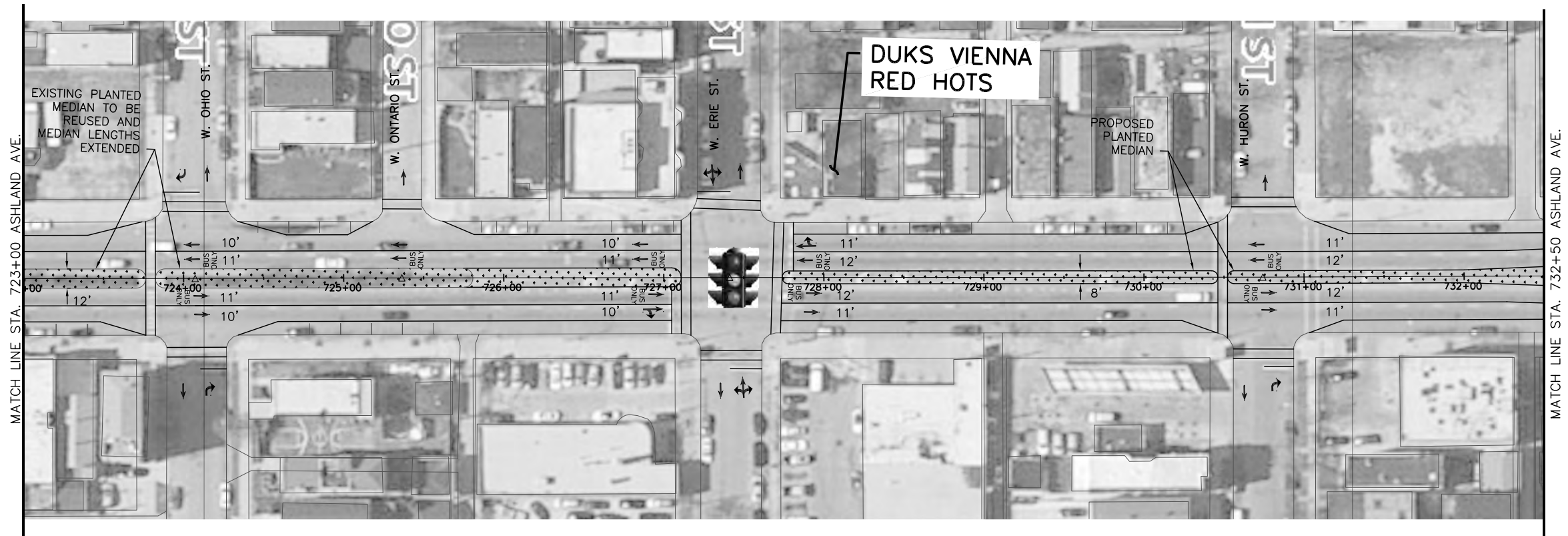
PLAN - ASHLAND AVENUE
STA. 689+50 TO STA. 711+50

ASHLAND AVE. BRT

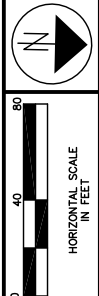


CALCULATED
SMS
CHECKED
SDG

**PLAN - ASHLAND AVENUE
STA. 711+50 TO STA. 732+50**



ASHLAND AVE. BRT

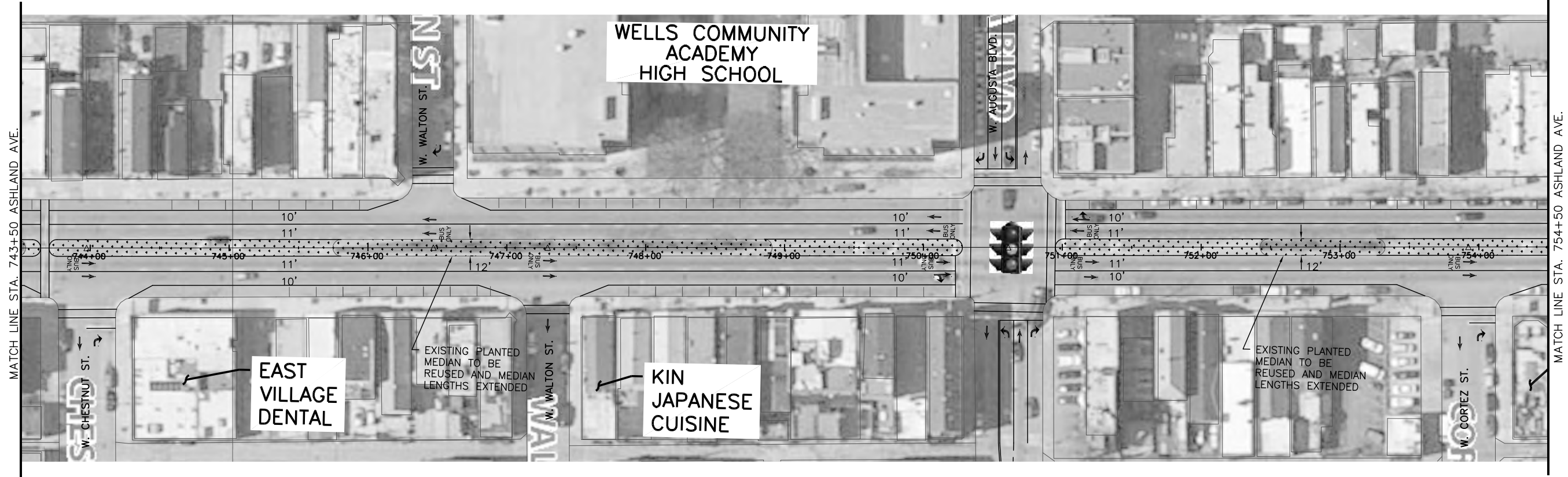
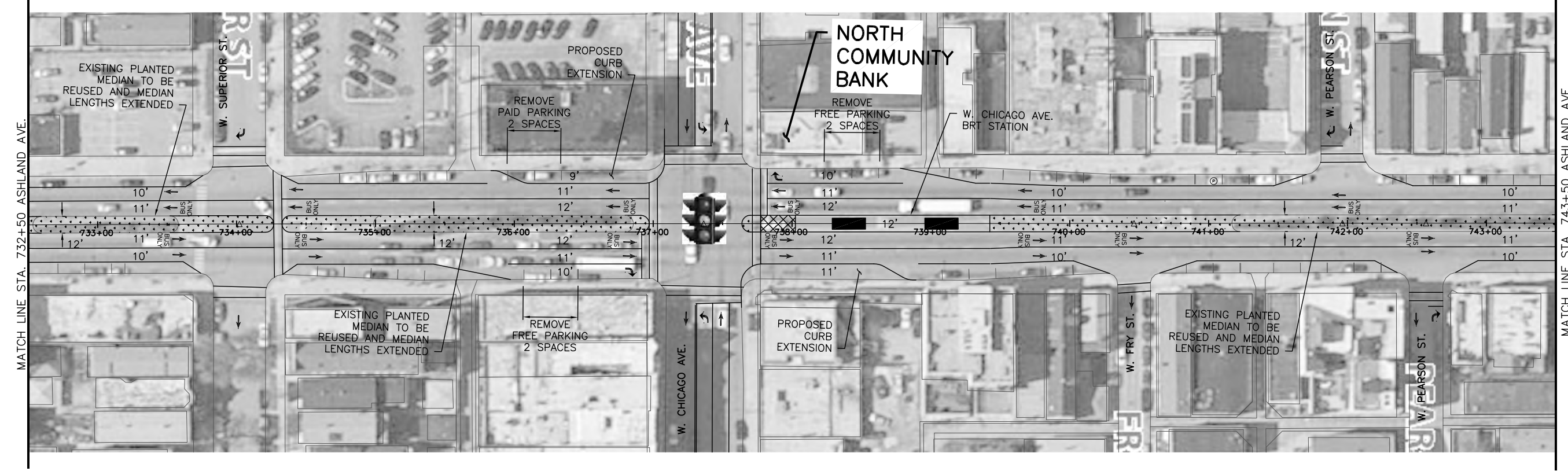


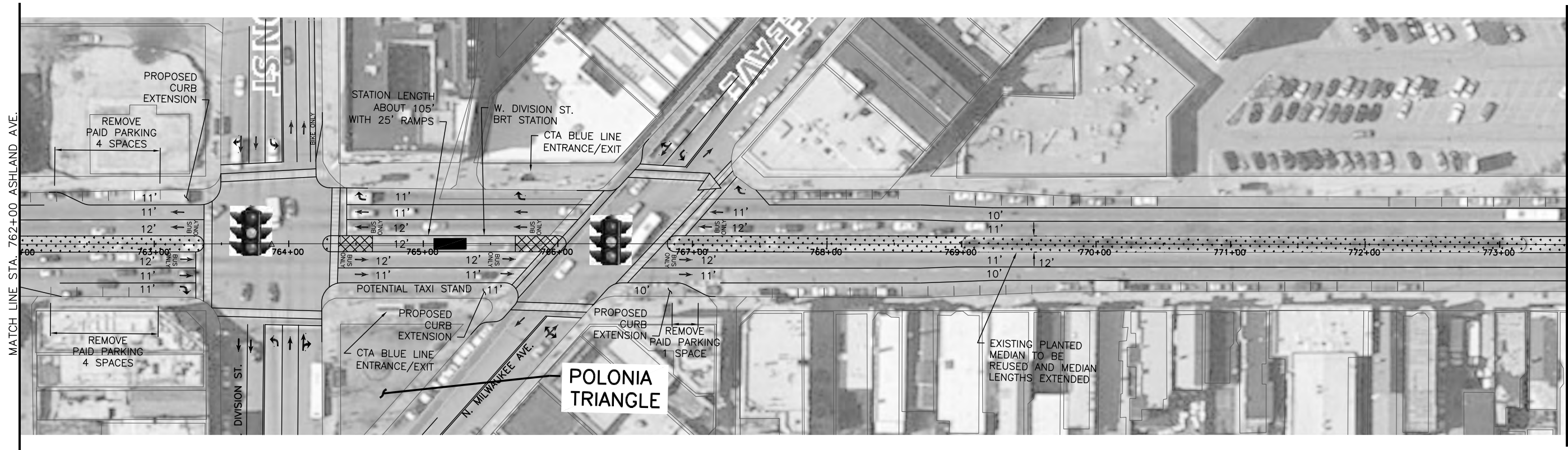
CALCULATED
SMS
CHECKED
SDG

PLAN - ASHLAND AVENUE
STA. 732+50 TO STA. 754+50

ASHLAND AVE. BRT

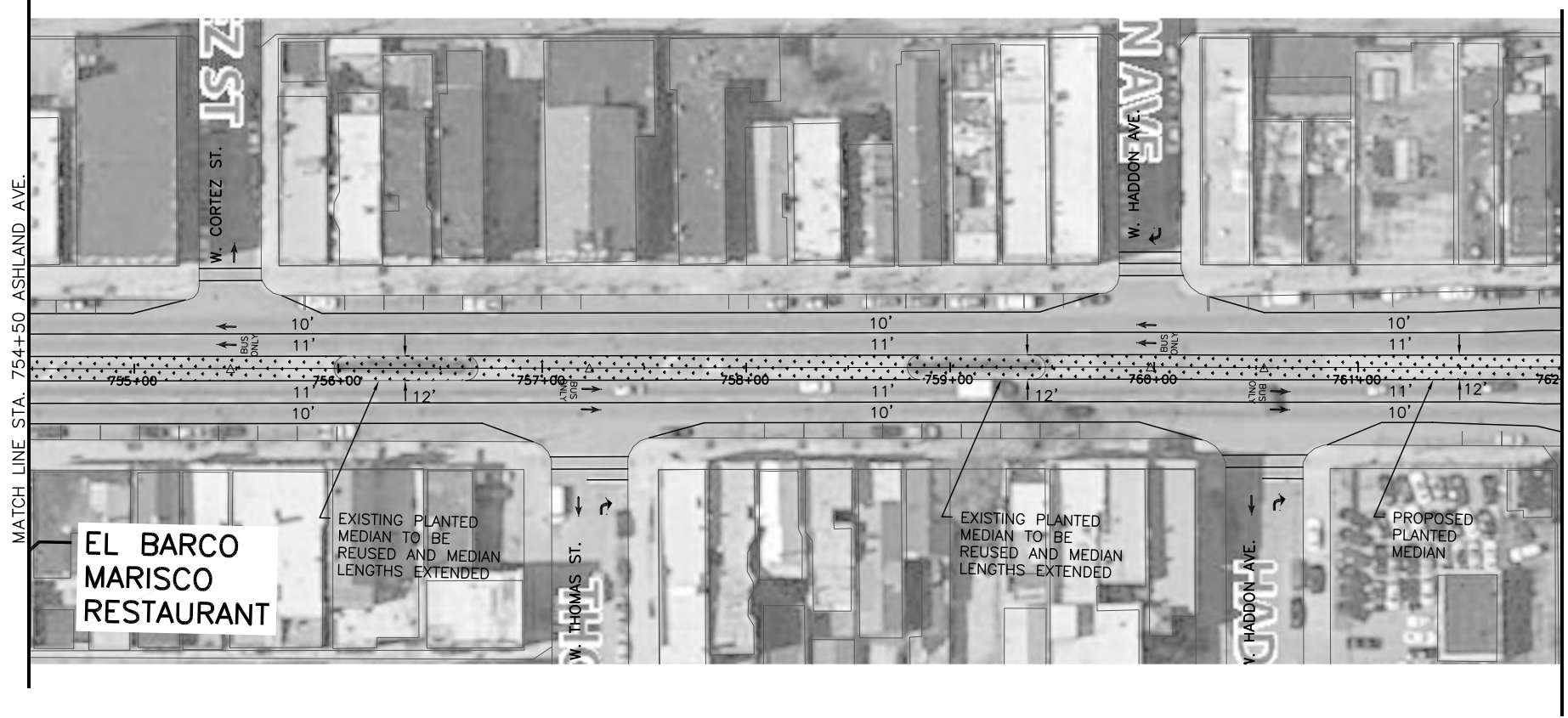
34
45





MATCH LINE STA. 762+00 ASHLAND AVE.

MATCH LINE STA. 773+50 ASHLAND AVE.



MATCH LINE STA. 754+50 ASHLAND AVE.

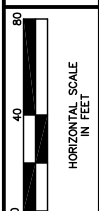
MATCH LINE STA. 762+00 ASHLAND AVE.

**EL BARCO
MARISCO
RESTAURANT**

EXISTING PLANTED
MEDIAN TO BE
REUSED AND MEDIAN
LENGTHS EXTENDED

EXISTING PLANTED
MEDIAN TO BE
REUSED AND MEDIAN
LENGTHS EXTENDED

PROPOSED
PLANTED
MEDIAN



CALCULATED
SMS
CHECKED
SDG

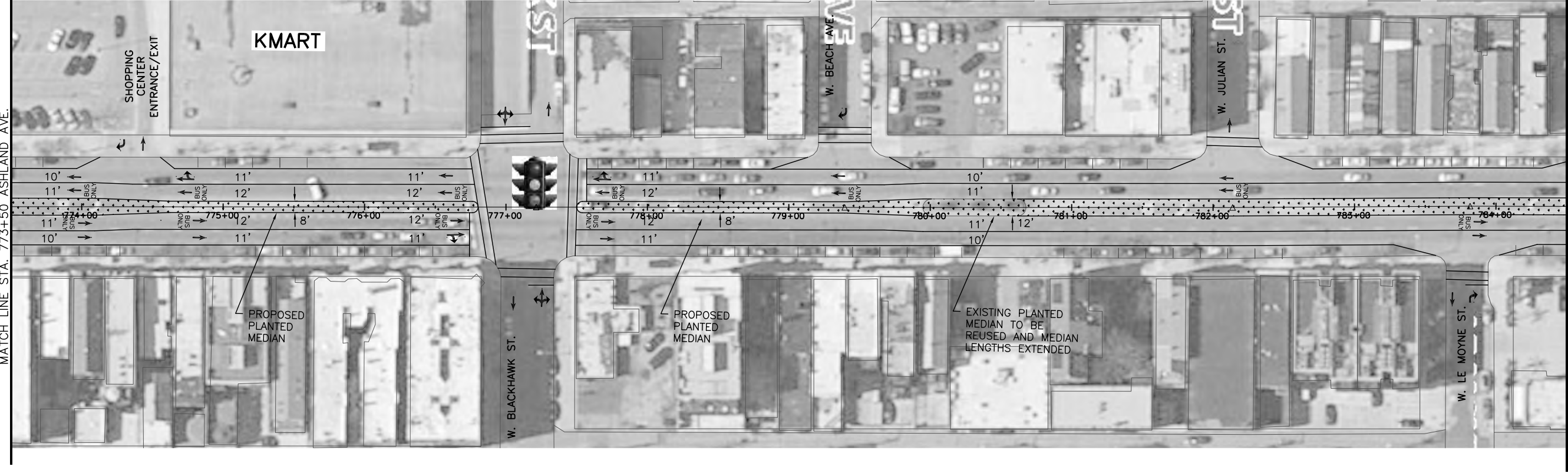
**PLAN - ASHLAND AVENUE
STA. 754+50 TO STA. 773+50**

ASHLAND AVE. BRT

35
45

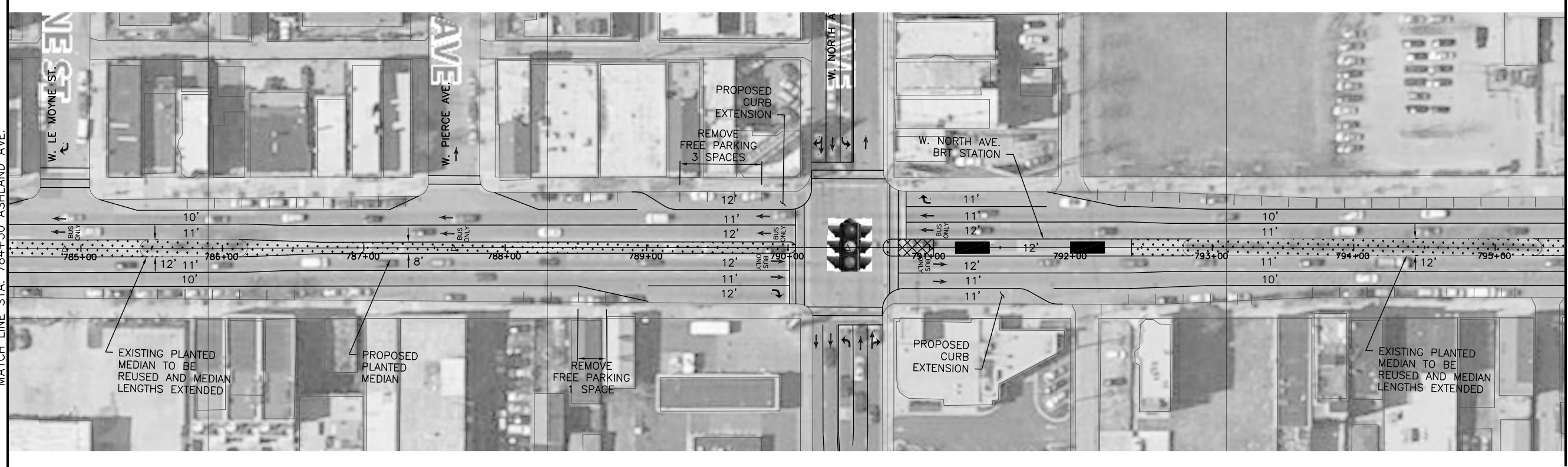


MATCH LINE STA. 773+50 ASHLAND AVE.

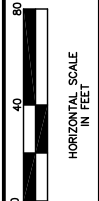


MATCH LINE STA. 784+50 ASHLAND AVE.

MATCH LINE STA. 784+50 ASHLAND AVE.



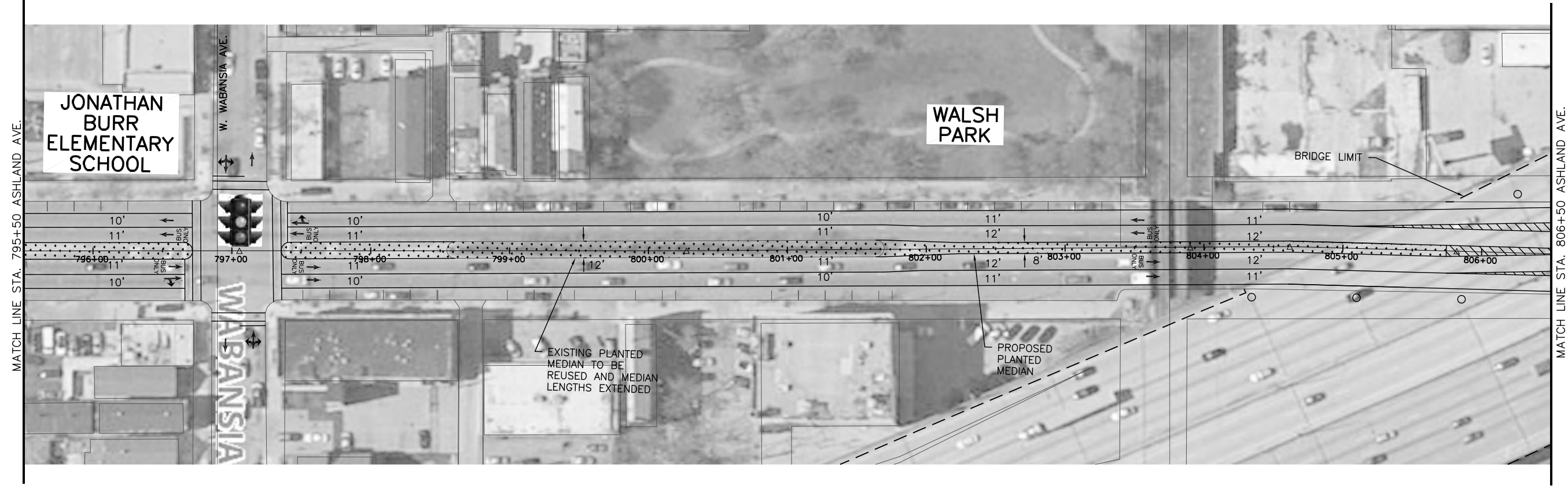
MATCH LINE STA. 795+50 ASHLAND AVE.



CALCULATED SMS
 CHECKED SDG

**PLAN - ASHLAND AVENUE
 STA. 773+50 TO STA. 795+50**

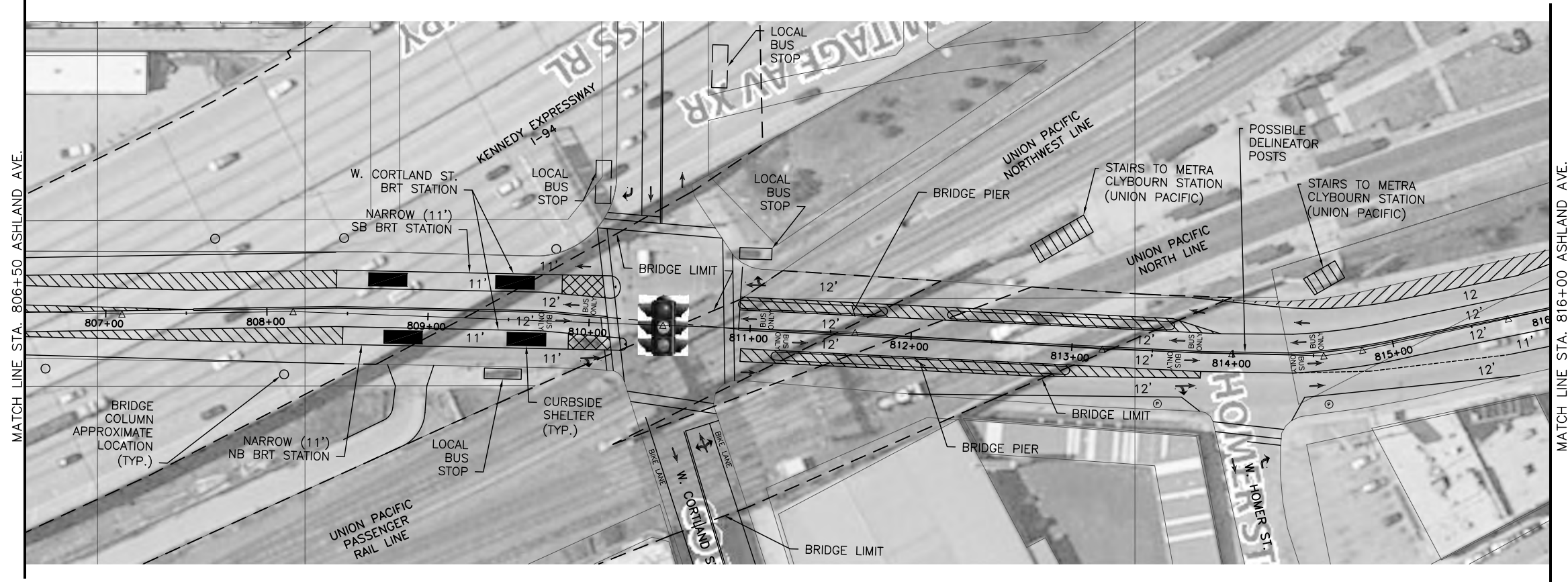
ASHLAND AVE. BRT



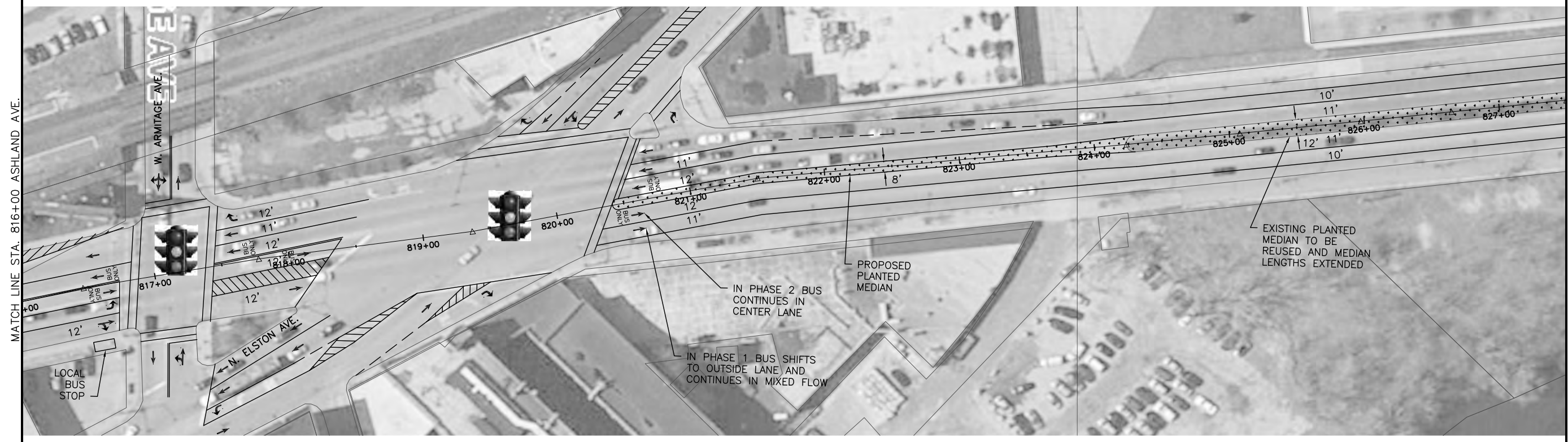
CALCULATED
SMS
CHECKED
SDG

0 40 80
HORIZONTAL SCALE
IN FEET

**PLAN - ASHLAND AVENUE
STA. 795+50 TO STA. 816+00**

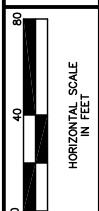


ASHLAND AVE. BRT



MATCH LINE STA. 816+00 ASHLAND AVE.

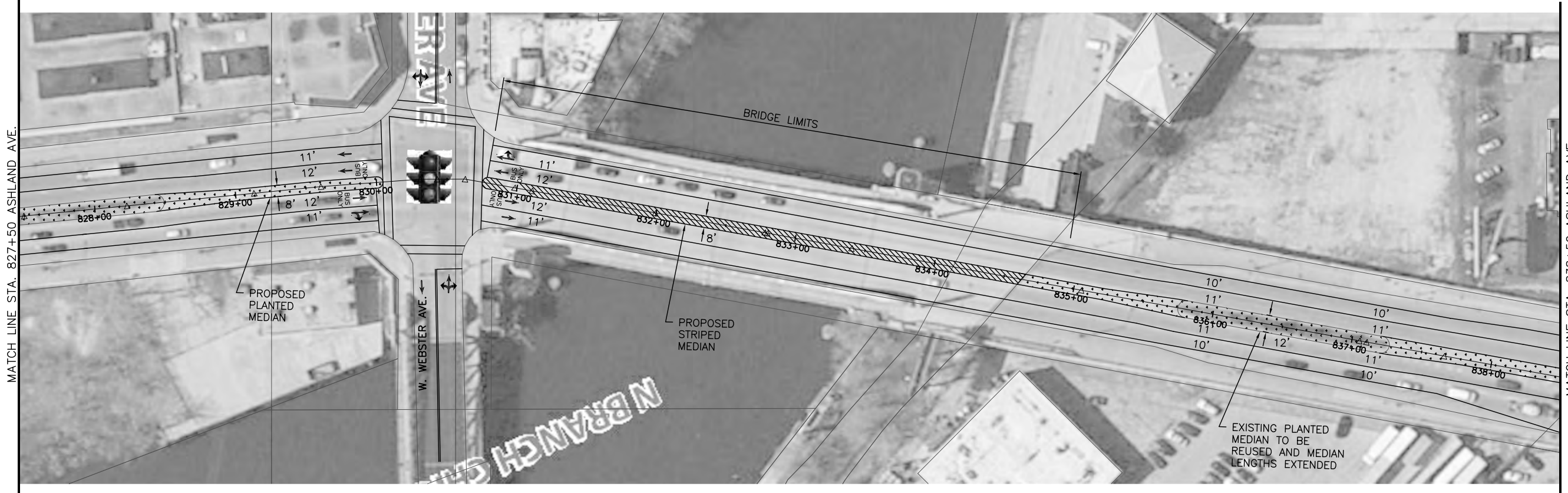
MATCH LINE STA. 827+50 ASHLAND AVE.



CALCULATED SMS
CHECKED SDG

**PLAN - ASHLAND AVENUE
STA. 816+00 TO STA. 838+50**

ASHLAND AVE. BRT

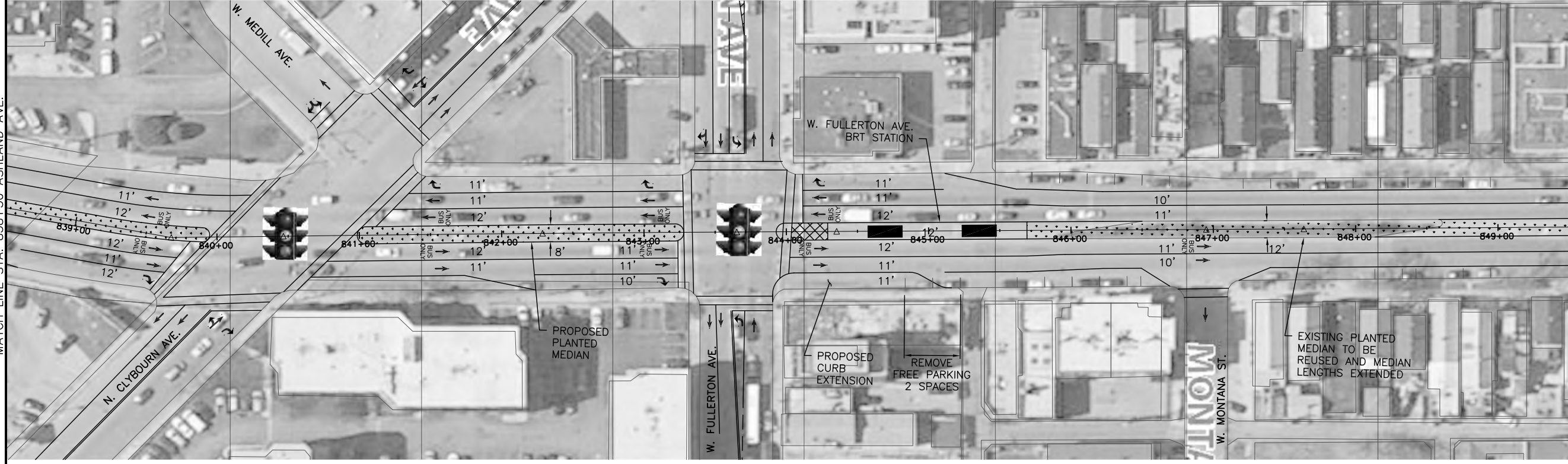


MATCH LINE STA. 827+50 ASHLAND AVE.

MATCH LINE STA. 838+50 ASHLAND AVE.

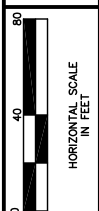


MATCH LINE STA. 838+50 ASHLAND AVE.



MATCH LINE STA. 849+50 ASHLAND AVE.

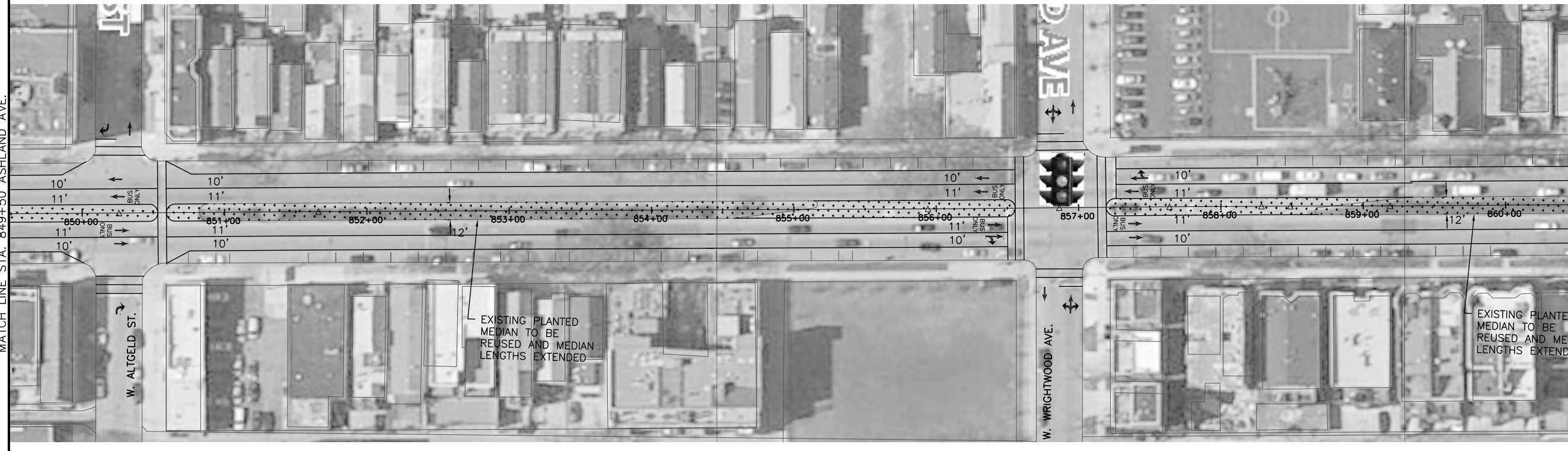
CALCULATED	SMS
CHECKED	SDG



PLAN - ASHLAND AVENUE
STA. 838+50 TO STA. 860+50

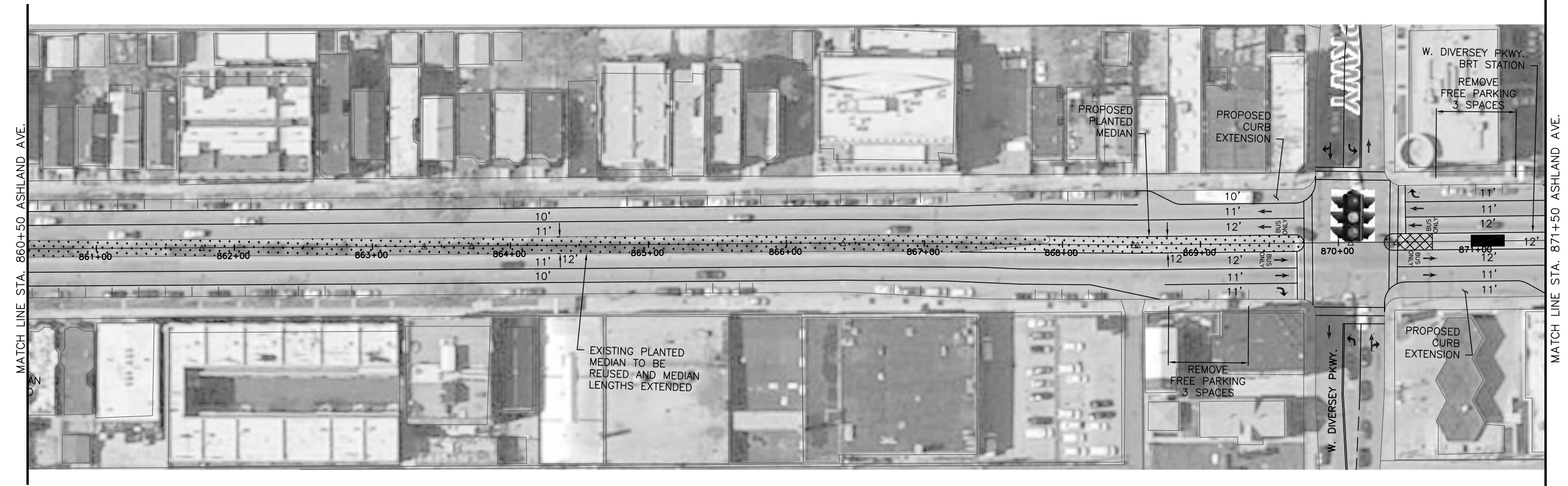


MATCH LINE STA. 849+50 ASHLAND AVE.



MATCH LINE STA. 860+50 ASHLAND AVE.

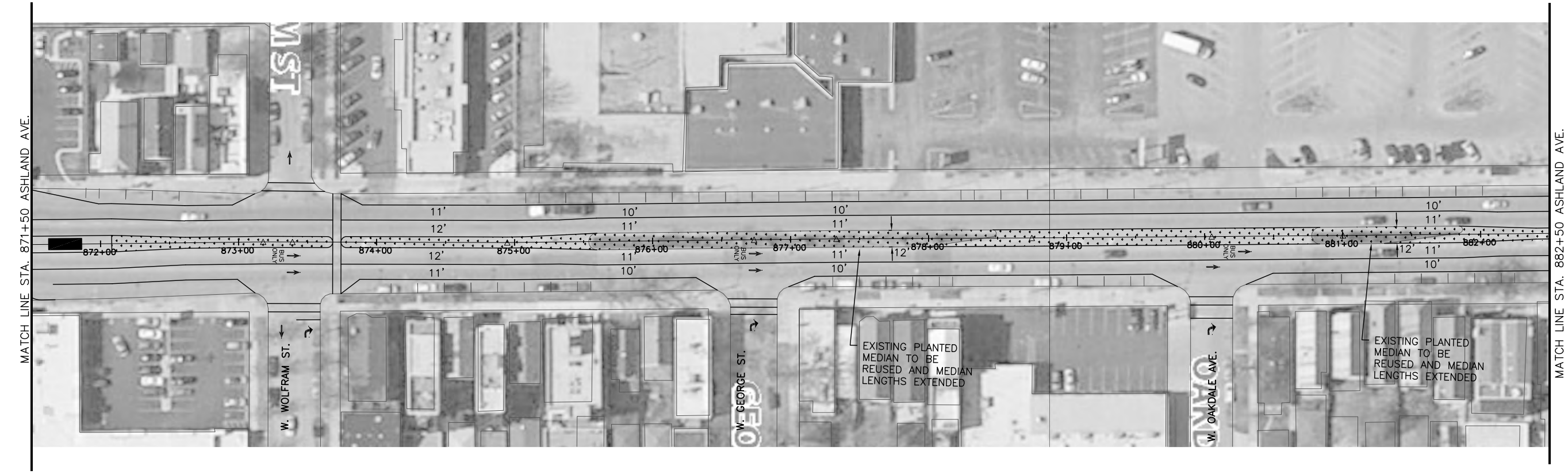
ASHLAND AVE. BRT



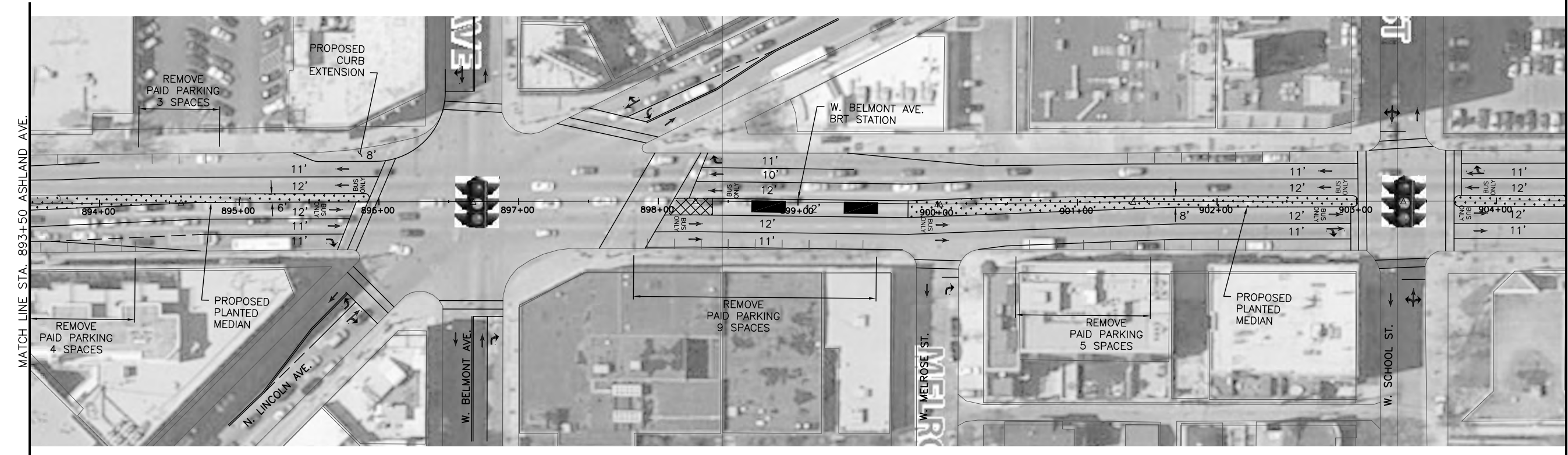
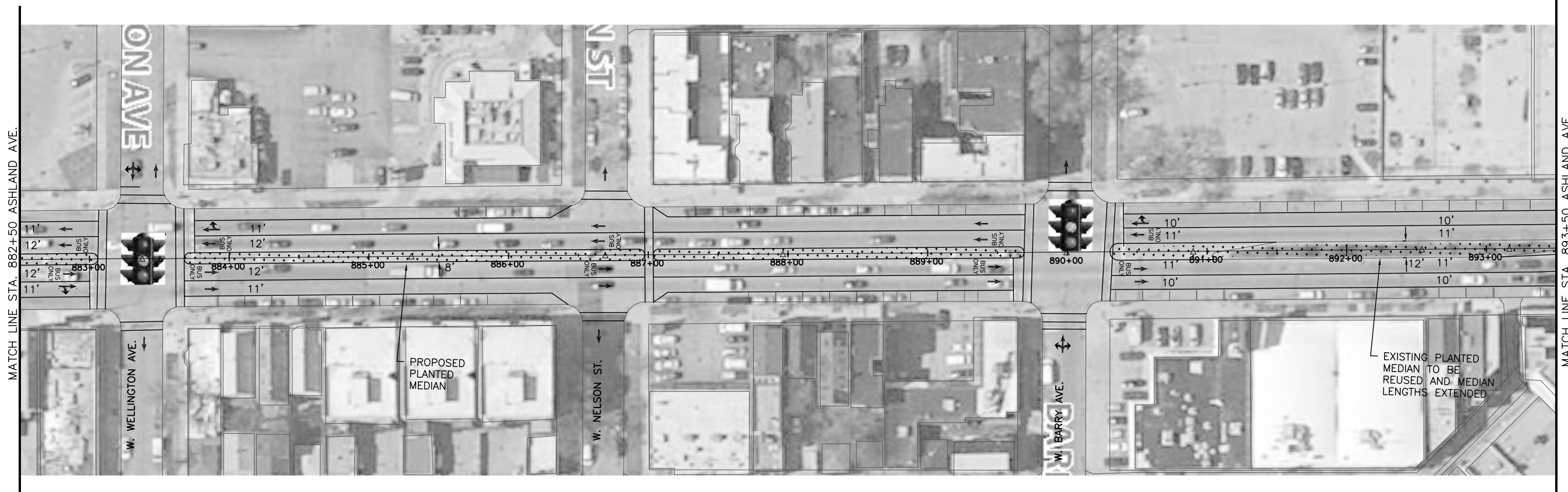
CALCULATED
SMS
CHECKED
SDG

0 40 80
HORIZONTAL SCALE
IN FEET

**PLAN - ASHLAND AVENUE
STA. 860+50 TO STA. 882+50**



ASHLAND AVE. BRT

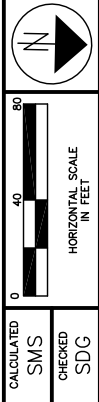


MATCH LINE STA. 882+50 ASHLAND AVE.

MATCH LINE STA. 893+50 ASHLAND AVE.

MATCH LINE STA. 893+50 ASHLAND AVE.

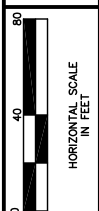
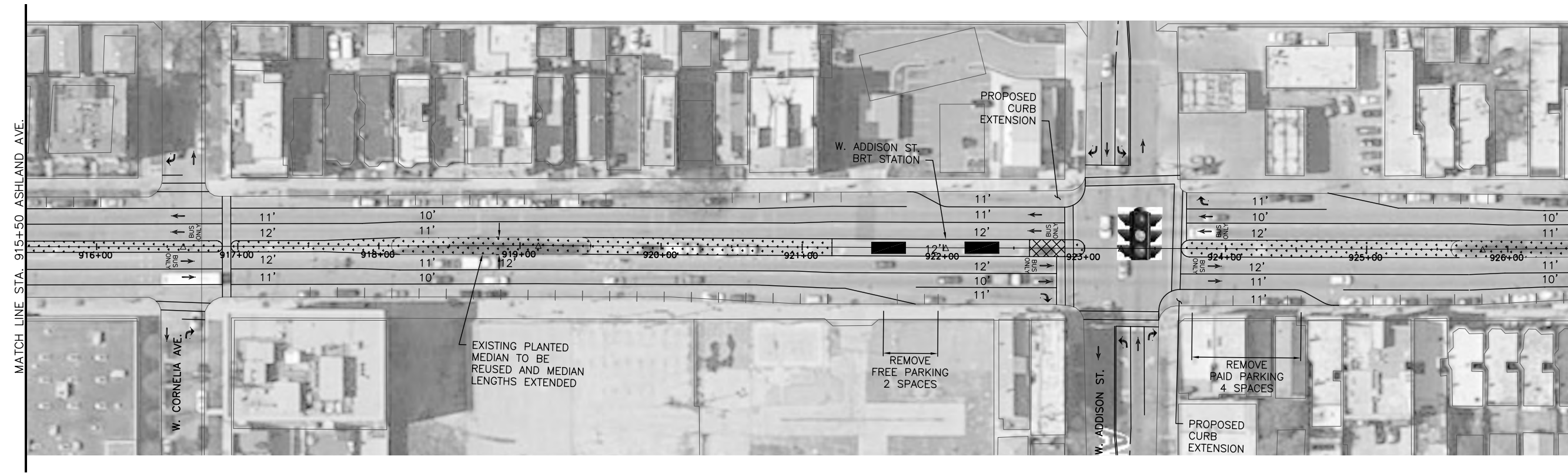
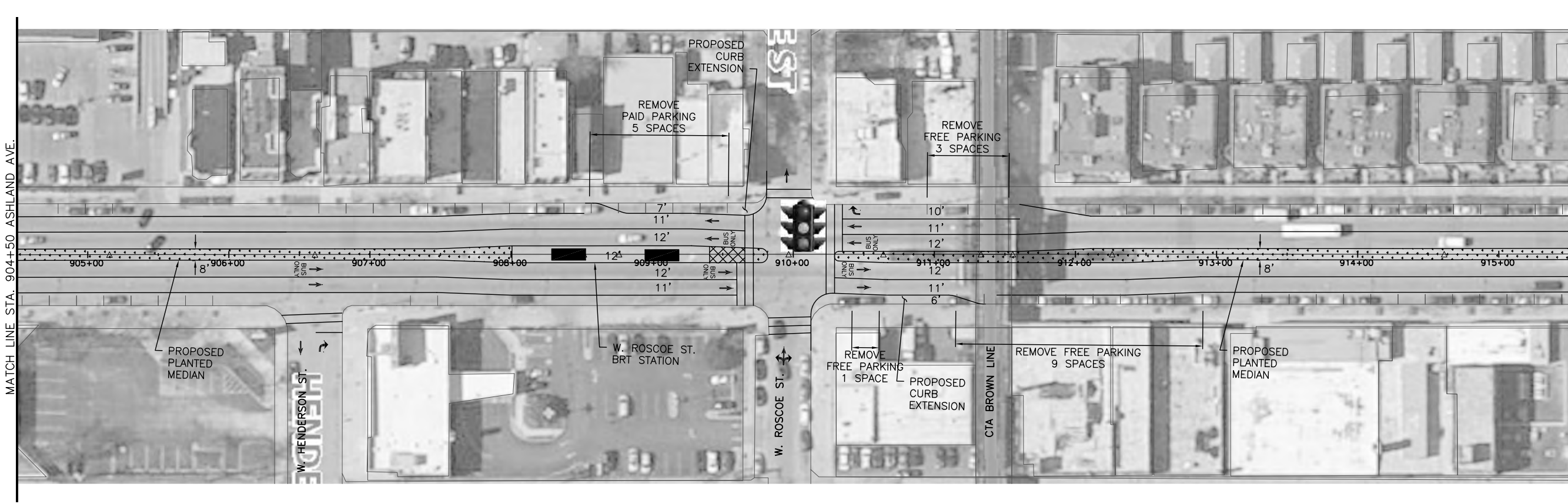
MATCH LINE STA. 904+50 ASHLAND AVE.



CALCULATED
SMS
CHECKED
SDG

**PLAN - ASHLAND AVENUE
STA. 882+50 TO STA. 904+50**

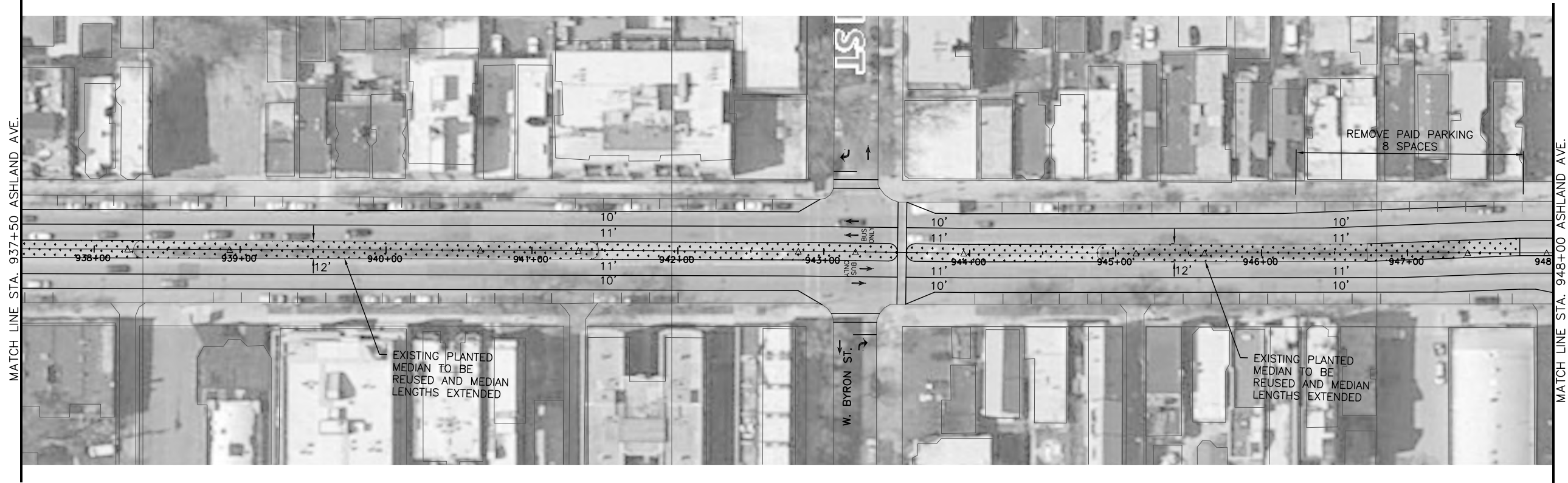
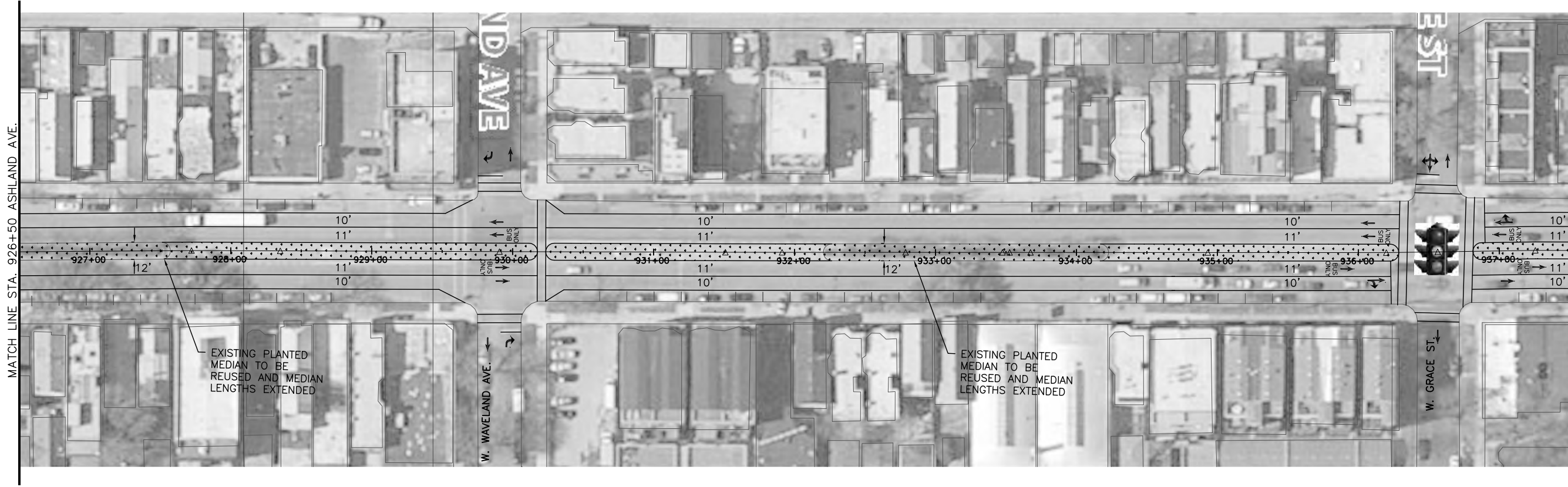
ASHLAND AVE. BRT



CALCULATED
SMS
CHECKED
SDG

**PLAN - ASHLAND AVENUE
STA. 904+50 TO STA. 926+50**

ASHLAND AVE. BRT

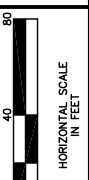


MATCH LINE STA. 926+50 ASHLAND AVE.

MATCH LINE STA. 937+50 ASHLAND AVE.

MATCH LINE STA. 937+50 ASHLAND AVE.

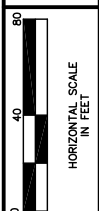
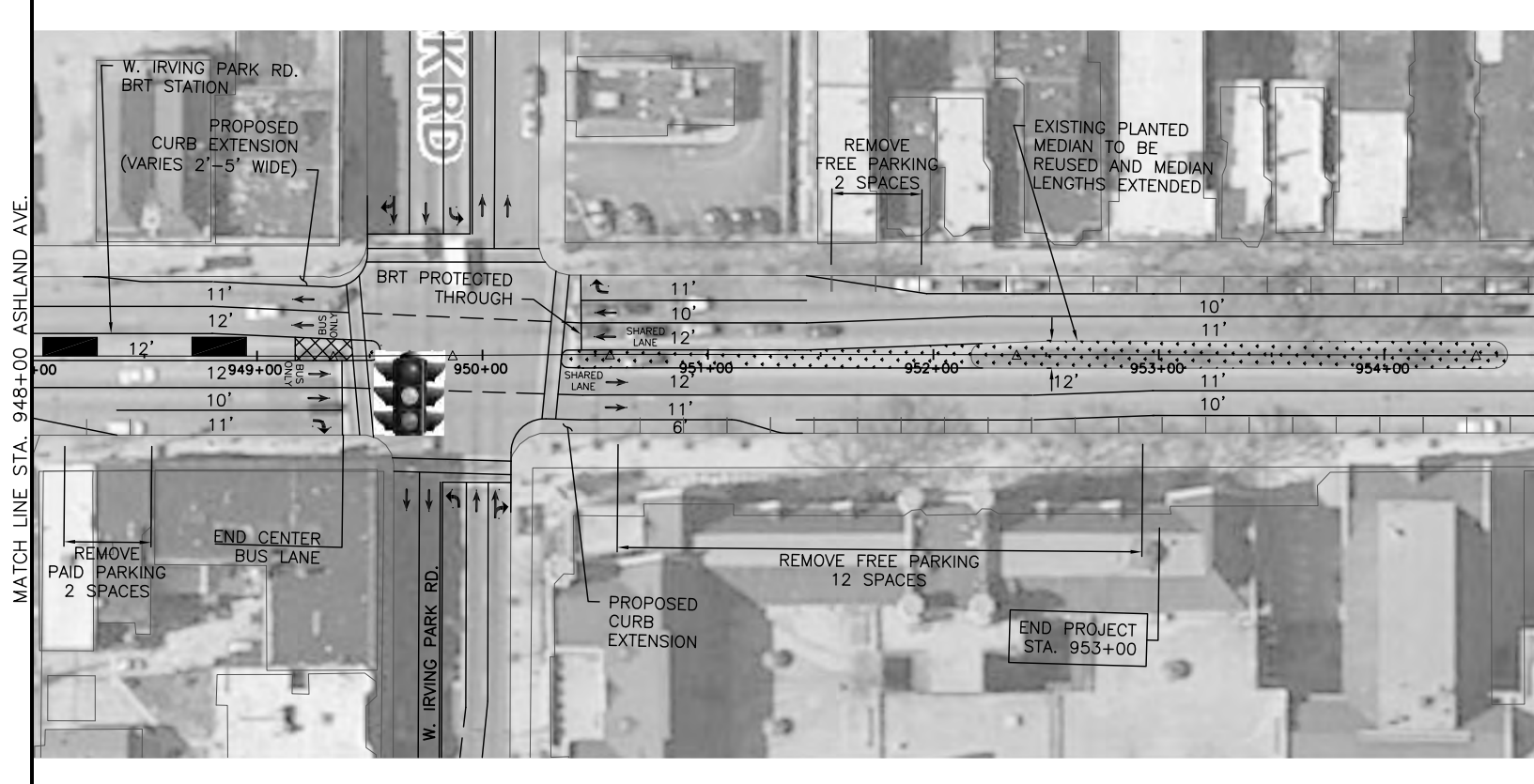
MATCH LINE STA. 948+00 ASHLAND AVE.



CALCULATED
SMS
CHECKED
SDG

**PLAN - ASHLAND AVENUE
STA. 926+50 TO STA. 948+00**

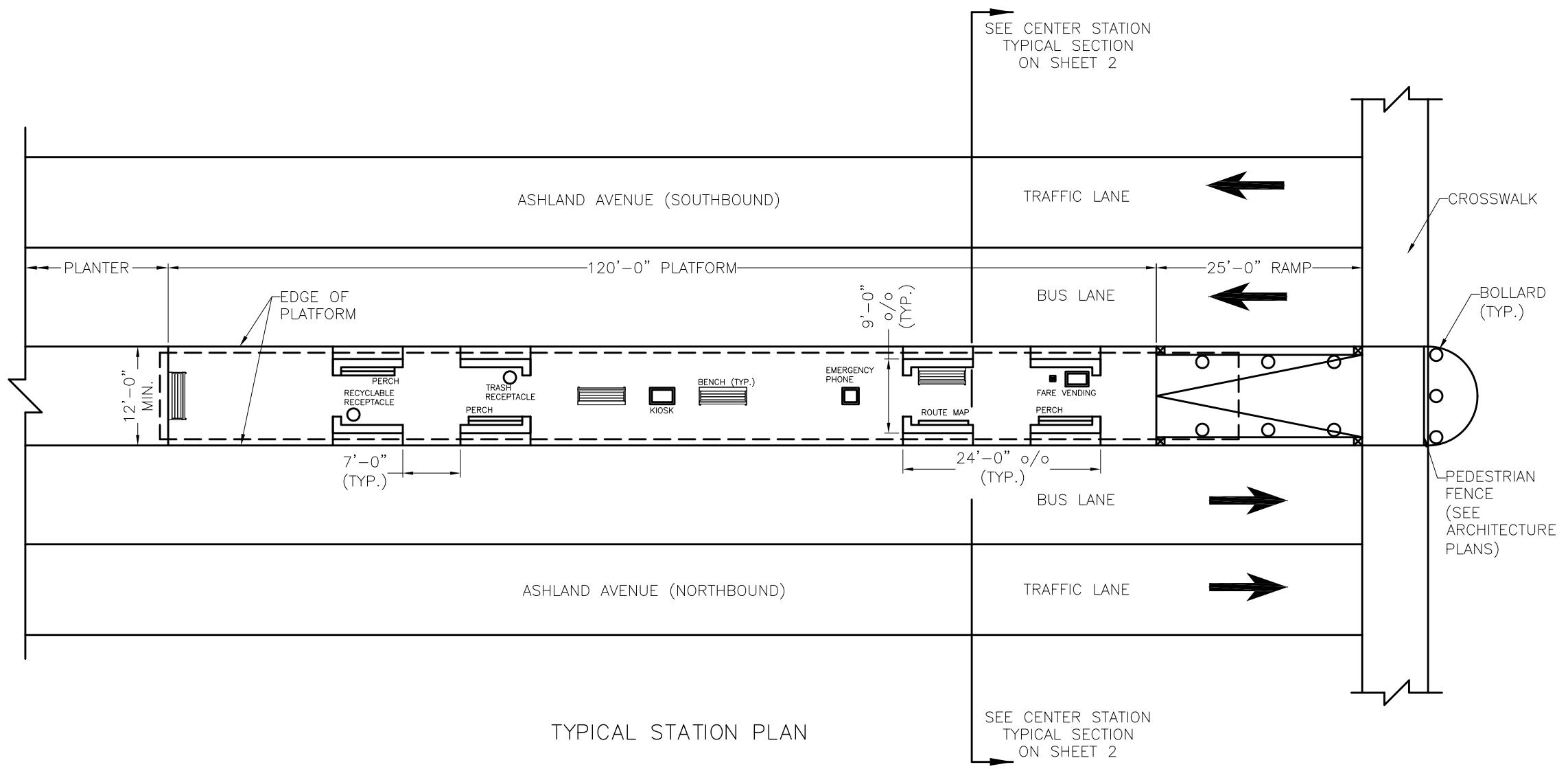
ASHLAND AVE. BRT



CALCULATED
SMS
CHECKED
SDG

PLAN - ASHLAND AVENUE
STA. 948+00 TO END

ASHLAND AVE. BRT



CALCULATED: SMS
 CHECKED: SDG

HORIZONTAL SCALE
 IN FEET

0 8 16

PROTOTYPICAL
 CENTER STATION LAYOUT

ASHLAND AVE. BRT