Appendix C – Eliminated Alternatives

Table AppC.1. Long Term Alternatives Eliminated			
Crossing	**Alternative**	**Figure Number**	**Status**
N. Lasalle Street	Bridge Over Rail	C.1	Eliminated August 2013
Anderson Street	Bridge Over Rail (Loop)	C.2	Eliminated September 2012
	Bridge Over Road	C.3-C.5	Eliminated December 2012
	Bridge Over Rail	C.6-C.7	Eliminated August 2013
	Realigned Anderson Street Bridge Over Rail	C.8-C.9	Eliminated August 2013
Swift Avenue	Bridge Over Road	C.10-C.12	Eliminated September 2012
	Bridge Over Rail	C.13-C.14	Eliminated August 2013
Duke Street	Bridge Over Rail (2 options)	C.15-C.17	Eliminated December 2012
	Bridge Over Road	C.18-C.19	Eliminated August 2013
Fayetteville Street	Bridge Over Rail	C.20-C.21	Eliminated August 2013
Plum Street	Bridge Over Road	C.22-C.23	Eliminated September 2012
Ellis Road (West)	Bridge Over Rail (Loop)	C.24	Eliminated September 2012
	Bridge Over Road	C.25	Eliminated September 2012

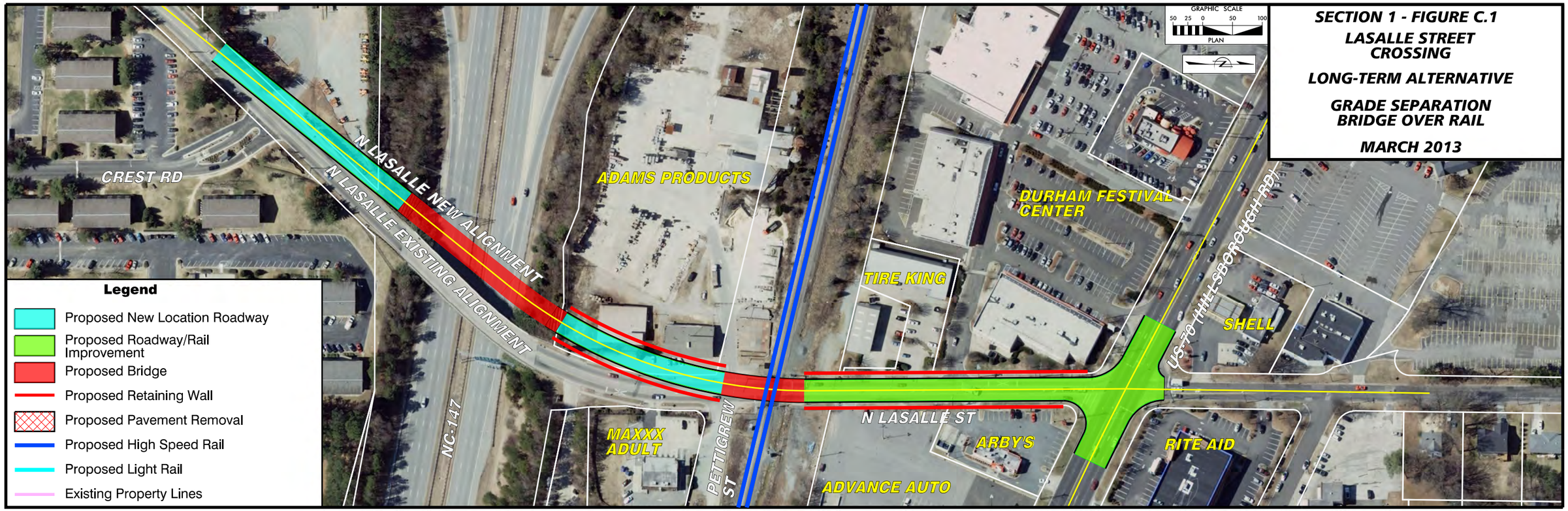
SECTION 1 - FIGURE C.1

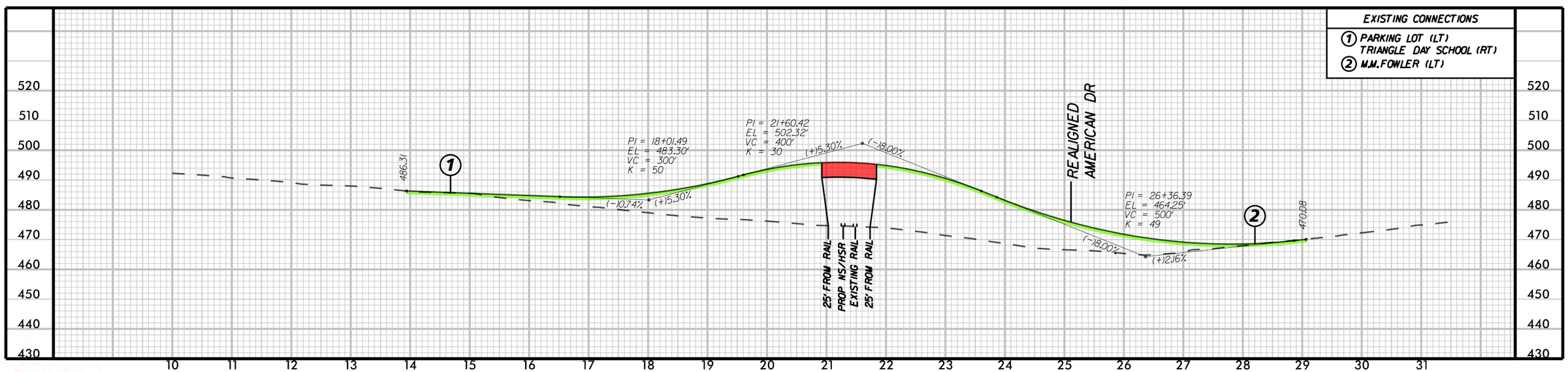
LASALLE STREET CROSSING

LONG-TERM ALTERNATIVE

GRADE SEPARATION BRIDGE OVER RAIL

MARCH 2013





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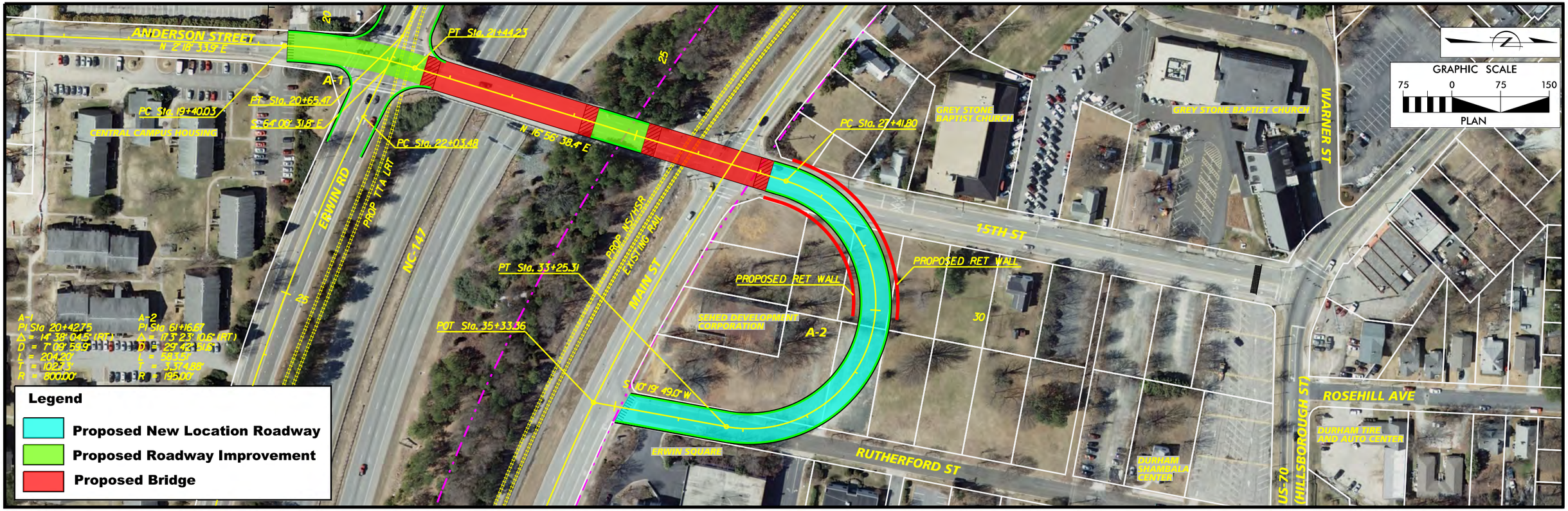
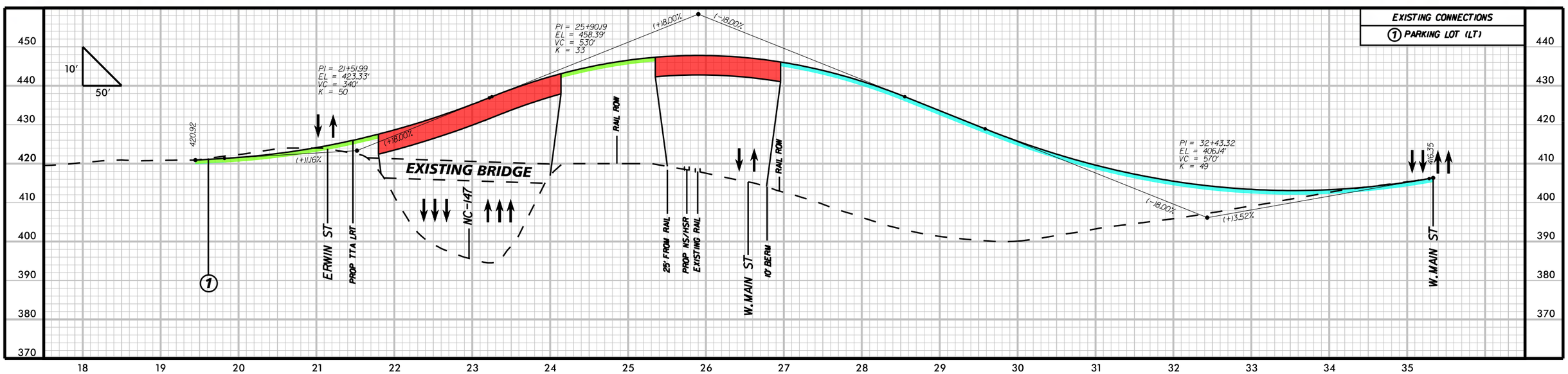
Near-Term Recommendations
Install grade-crossing warning sign on westbound Pettigrew Street
Install median barrier between crossing and nearest driveways to the north and south

Mid-Term Recommendations
None





Section 3- Figure C.2
Anderson Street Crossing
Long-Term Alternative
Grade Separation
Bridge Over Rail (Loop)

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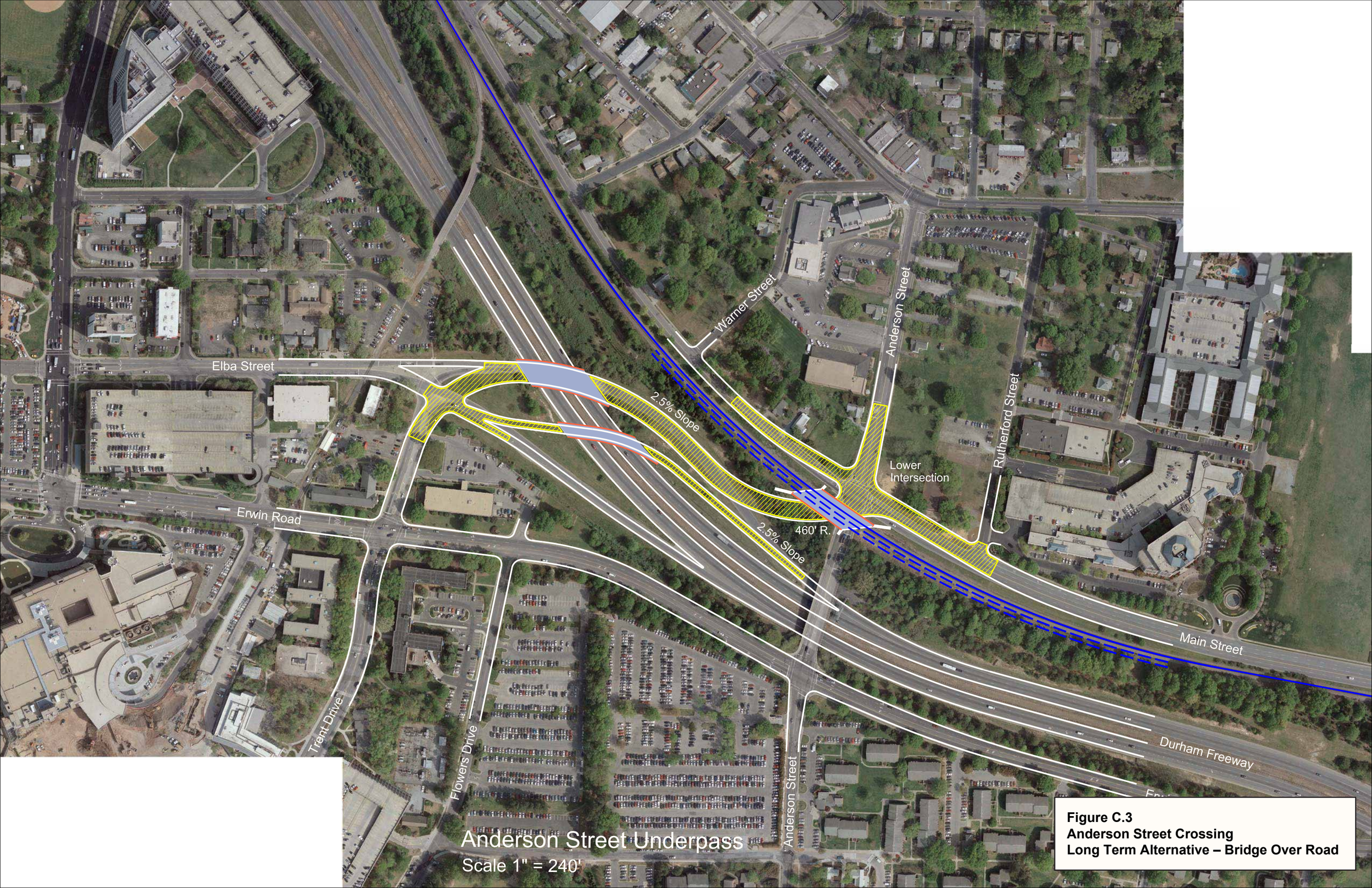


Figure C.3
Anderson Street Crossing
Long Term Alternative – Bridge Over Road

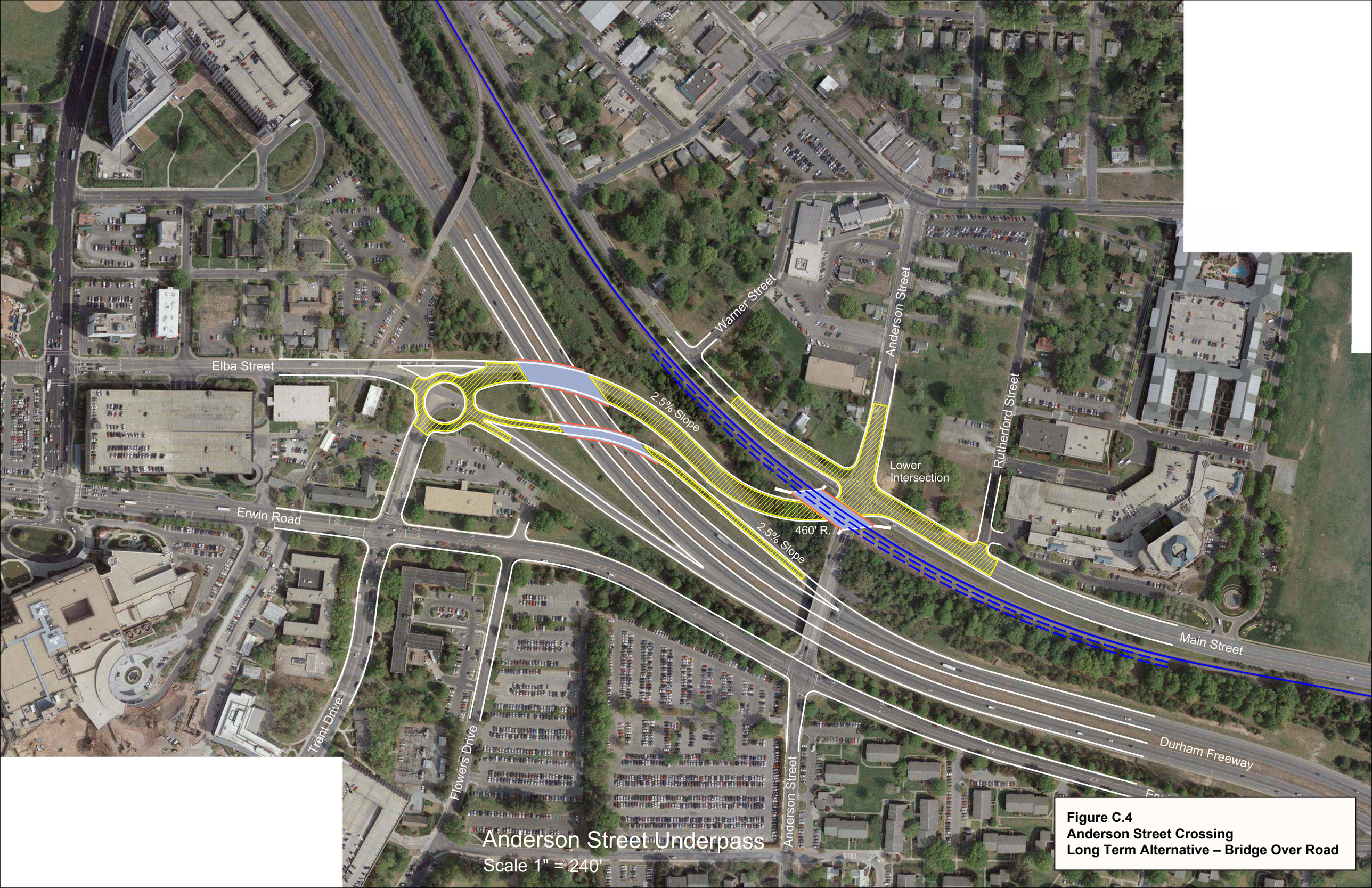
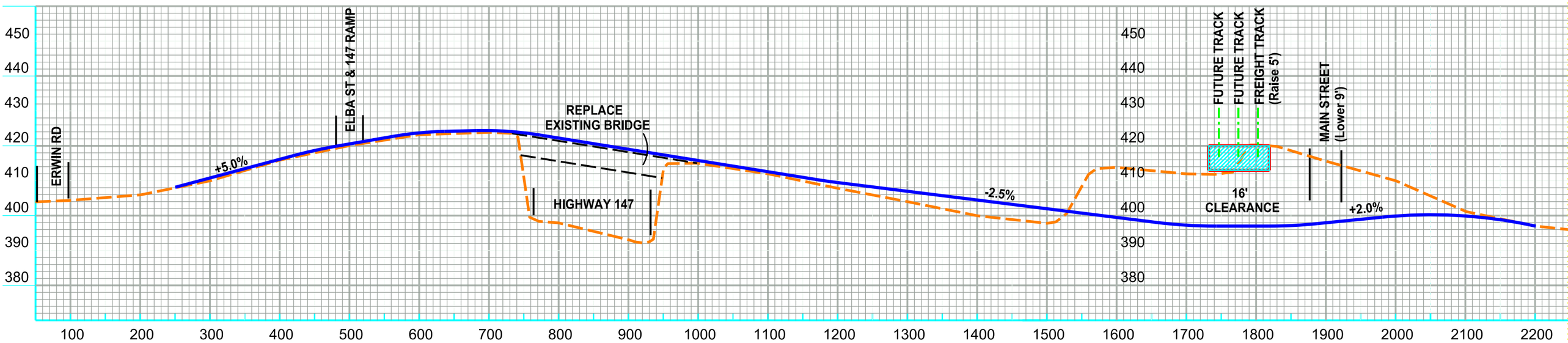


Figure C.4
Anderson Street Crossing
Long Term Alternative – Bridge Over Road



Anderson Street Grade Crossing Profile

Figure C.5
Anderson Street Crossing
Long Term Alternative – Bridge Over Road

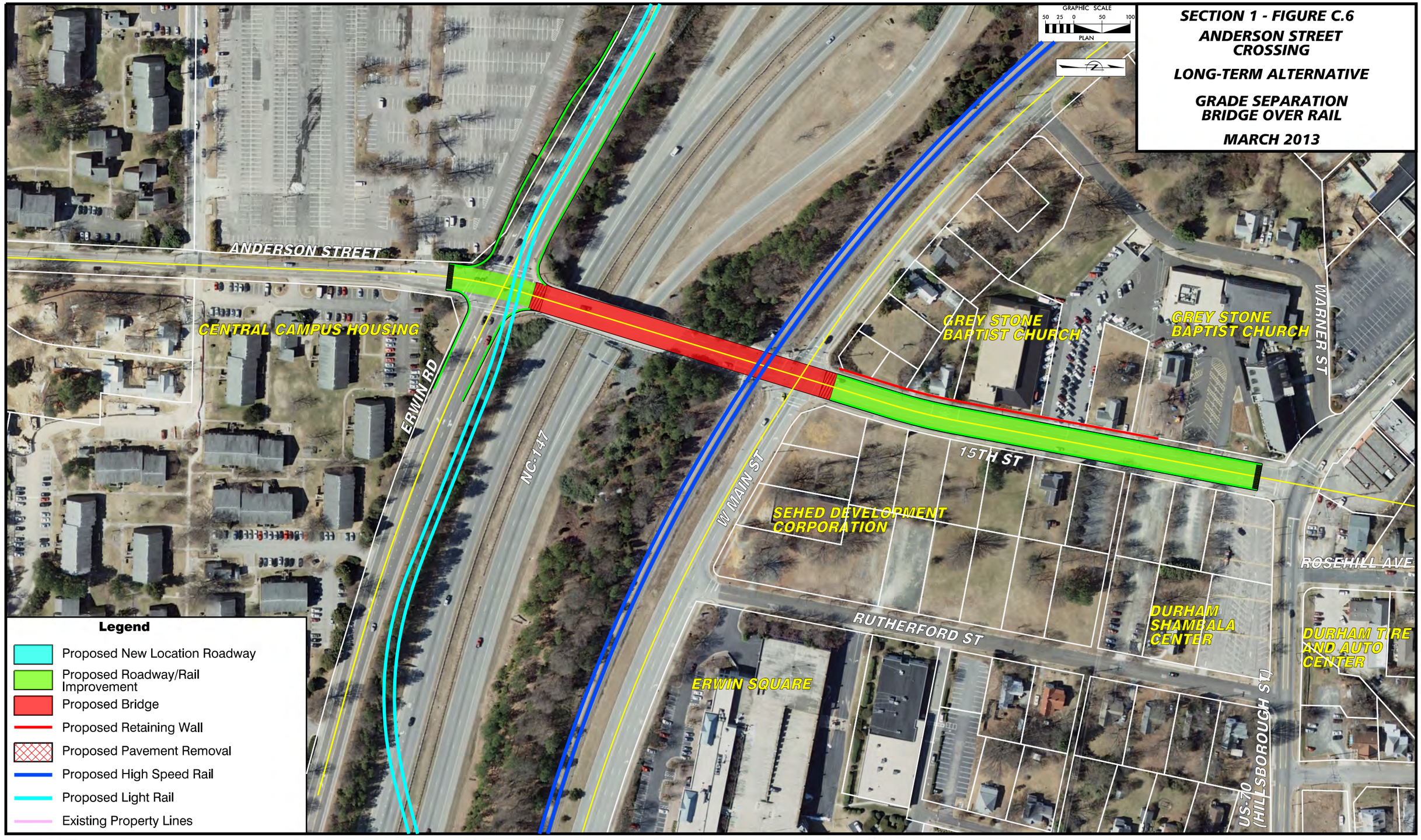
SECTION 1 - FIGURE C.6

ANDERSON STREET CROSSING

LONG-TERM ALTERNATIVE

GRADE SEPARATION BRIDGE OVER RAIL

MARCH 2013



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Near-Term Recommendations
Stripe outside edges of travel lane across railroad crossing

Mid-Term Recommendations
None

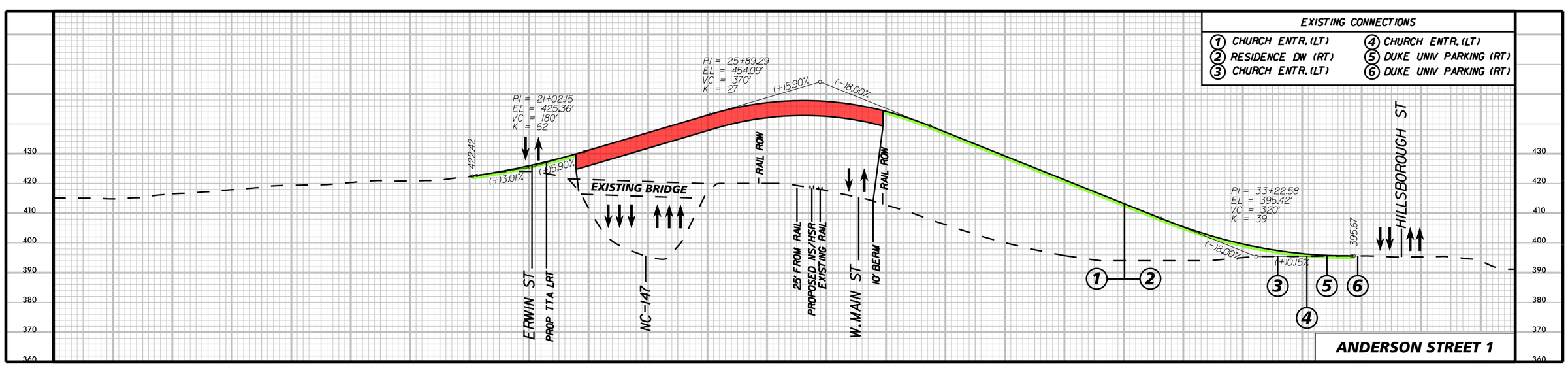
SECTION 1 - FIGURE C.7

ANDERSON STREET CROSSING

LONG-TERM ALTERNATIVE

GRADE SEPARATION BRIDGE OVER RAIL

MARCH 2013



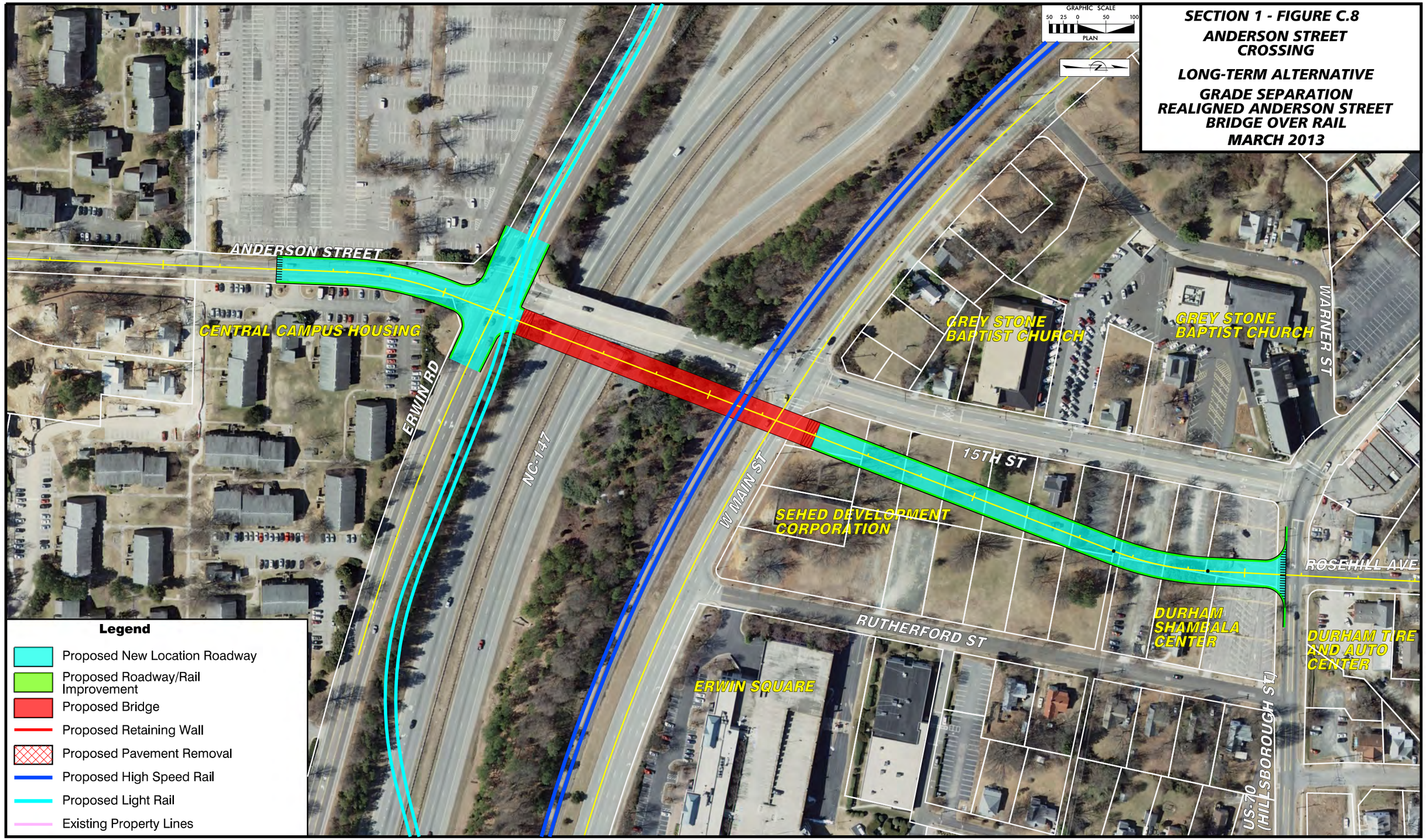
SECTION 1 - FIGURE C.8

ANDERSON STREET CROSSING

LONG-TERM ALTERNATIVE

GRADE SEPARATION REALIGNED ANDERSON STREET BRIDGE OVER RAIL

MARCH 2013



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Near-Term Recommendations
Stripe outside edges of travel lane across railroad crossing

Mid-Term Recommendations
None

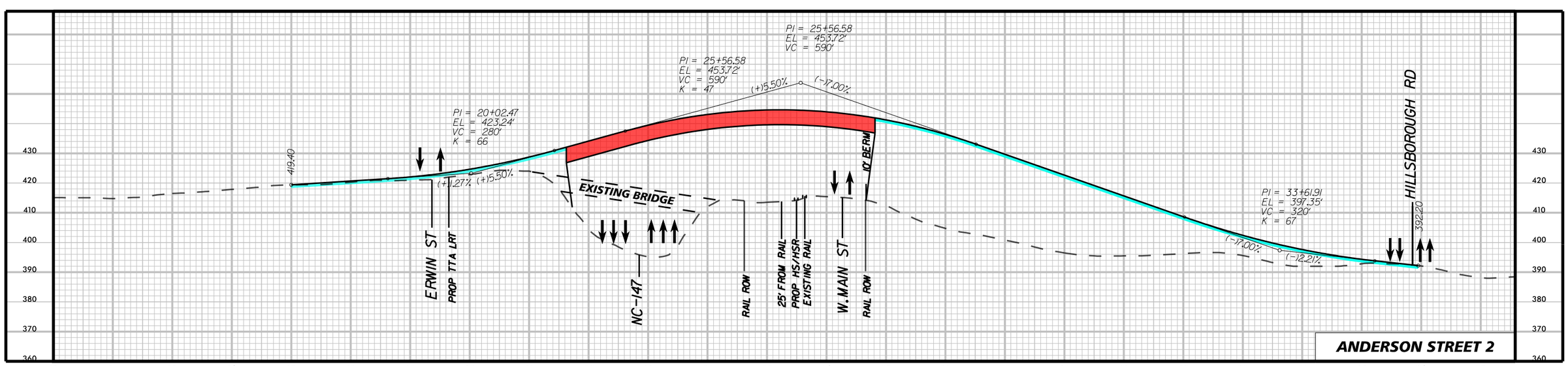
SECTION 1 - FIGURE C.9

ANDERSON STREET CROSSING

LONG-TERM ALTERNATIVE

GRADE SEPARATION REALIGNED ANDERSON STREET BRIDGE OVER RAIL

MARCH 2013



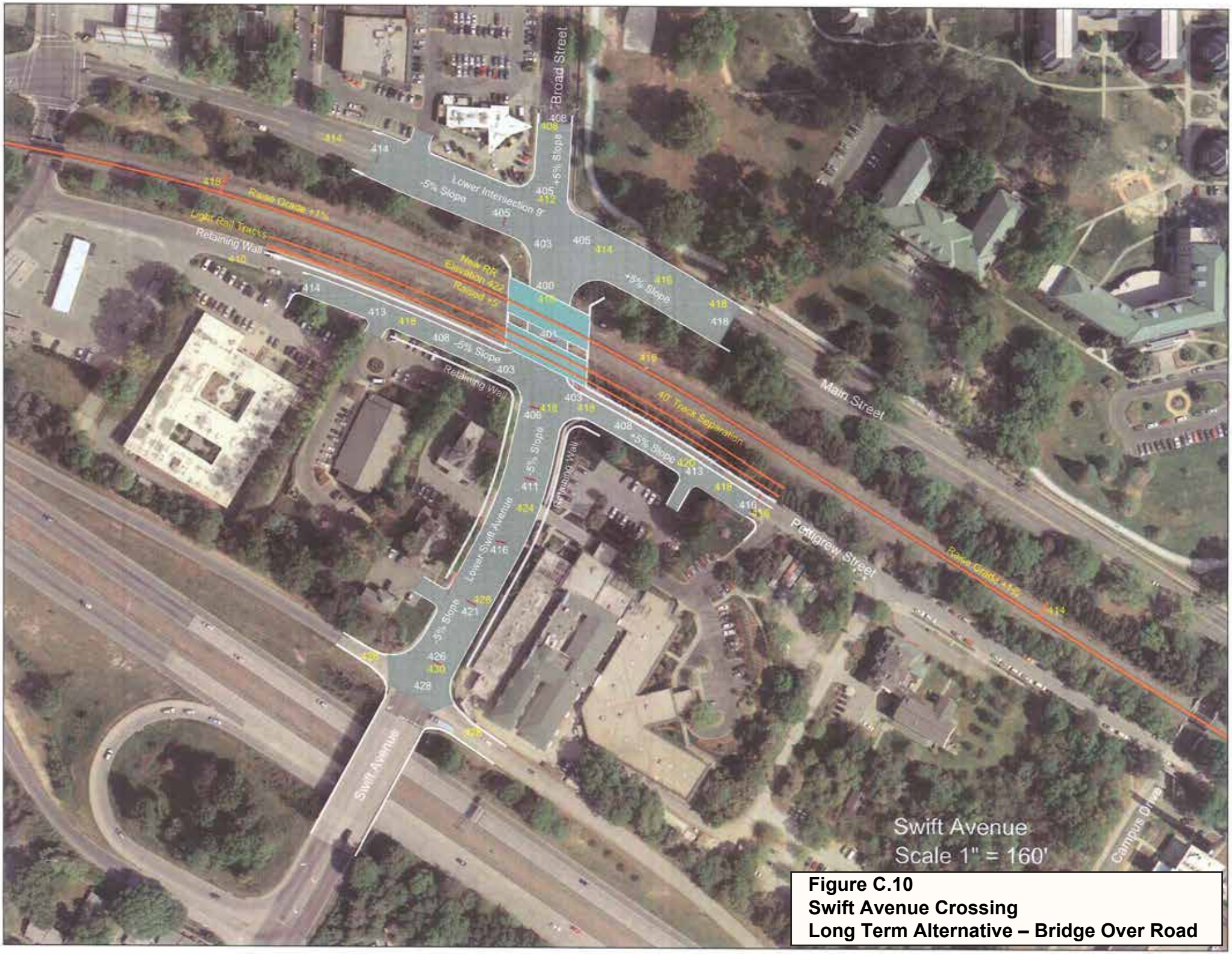
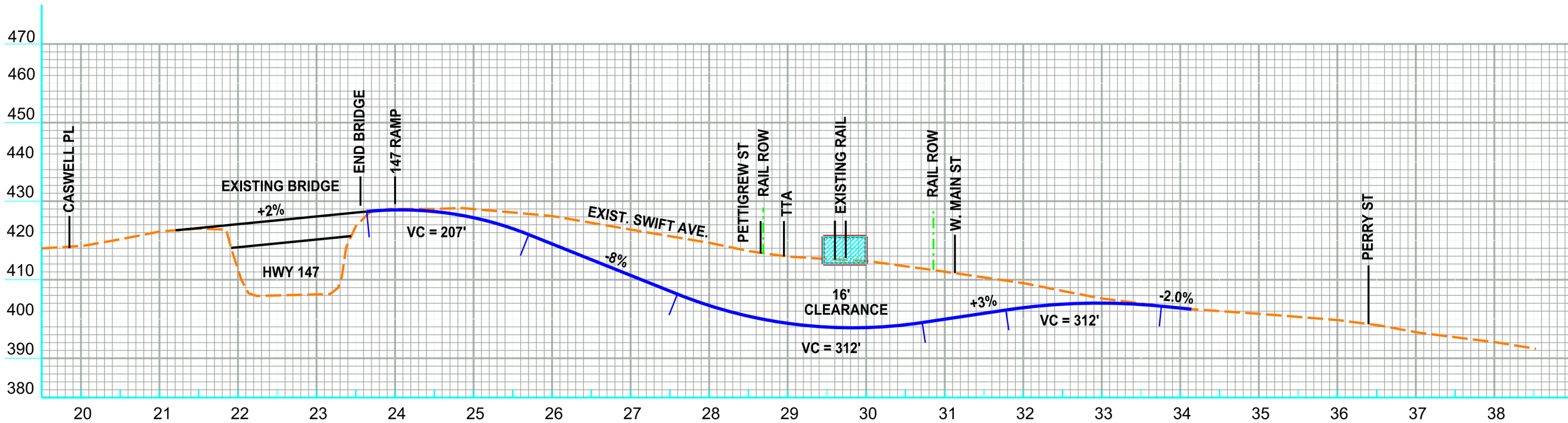
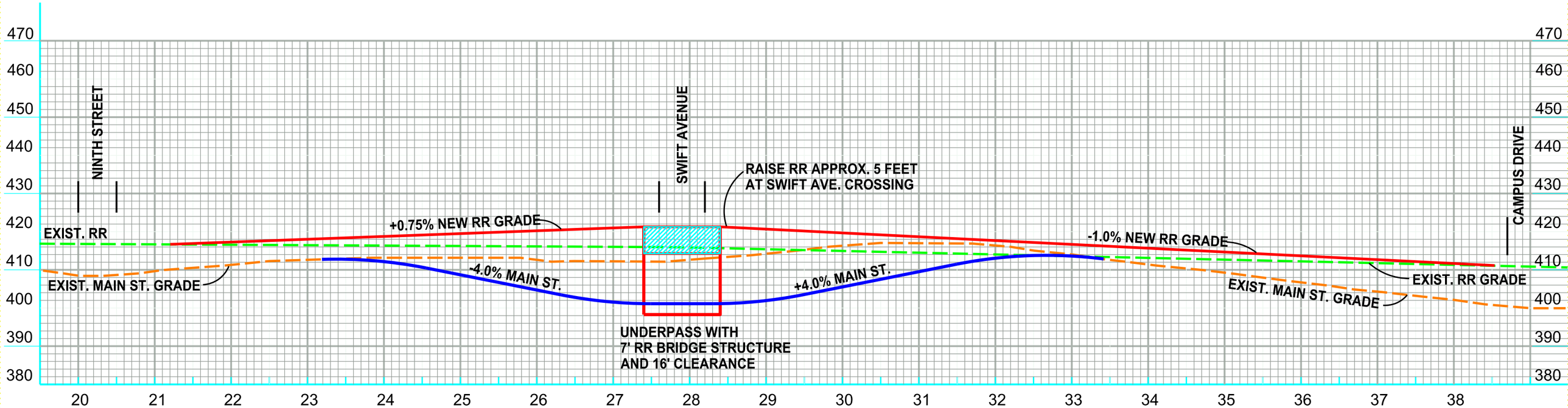


Figure C.10
Swift Avenue Crossing
Long Term Alternative – Bridge Over Road



Swift Avenue Crossing Profile

Figure C.11
Swift Avenue Crossing
Long Term Alternative – Bridge Over Road



Railroad and Main Street Profile

Figure C.12
Swift Avenue Crossing
Long Term Alternative – Bridge Over Road

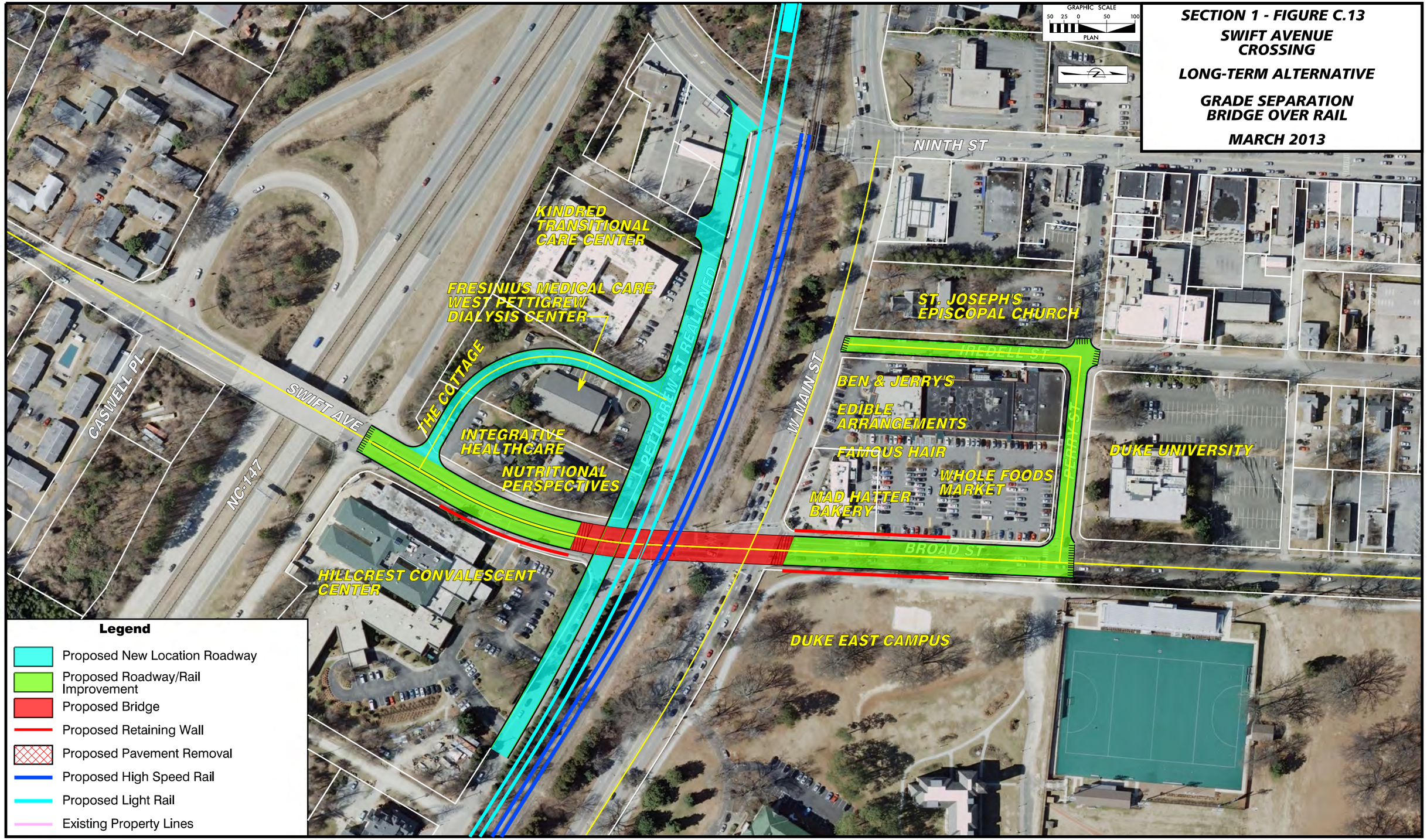
SECTION 1 - FIGURE C.13

SWIFT AVENUE CROSSING

LONG-TERM ALTERNATIVE

GRADE SEPARATION BRIDGE OVER RAIL

MARCH 2013



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Near-Term Recommendations
Widen asphalt shoulder and stripe outside edge of travel lane on west side of Swift Avenue over railroad tracks
Install grade-crossing warning signs on eastbound and westbound Pettigrew Street
Install crosswalk markings on Swift Avenue and Pettigrew Street

Mid-Term Recommendations
Signalize Swift Avenue/Pettigrew Street intersection (subject to warrant analysis)

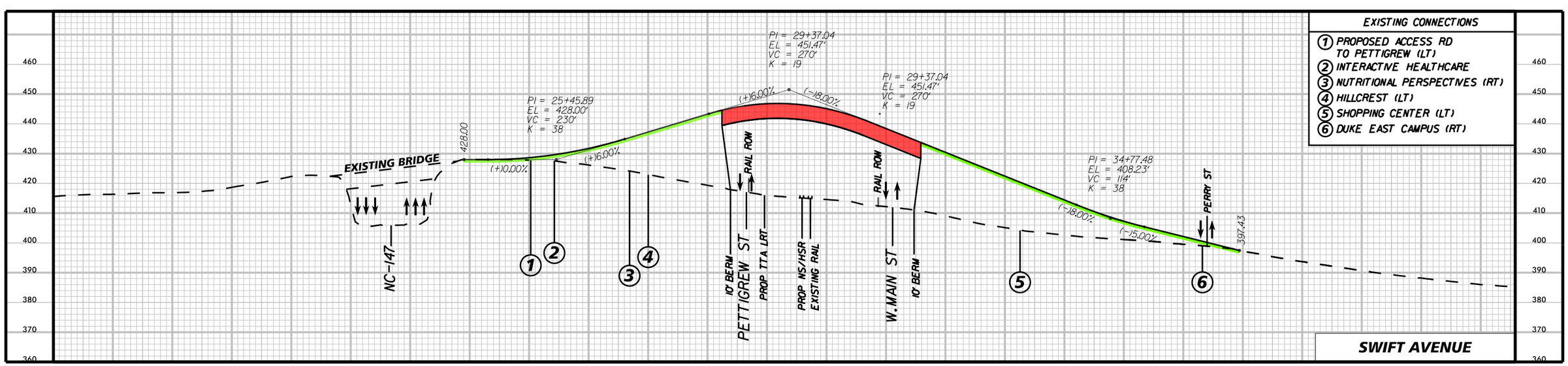
SECTION 1 - FIGURE C.14

SWIFT AVENUE CROSSING

LONG-TERM ALTERNATIVE

GRADE SEPARATION BRIDGE OVER RAIL

MARCH 2013



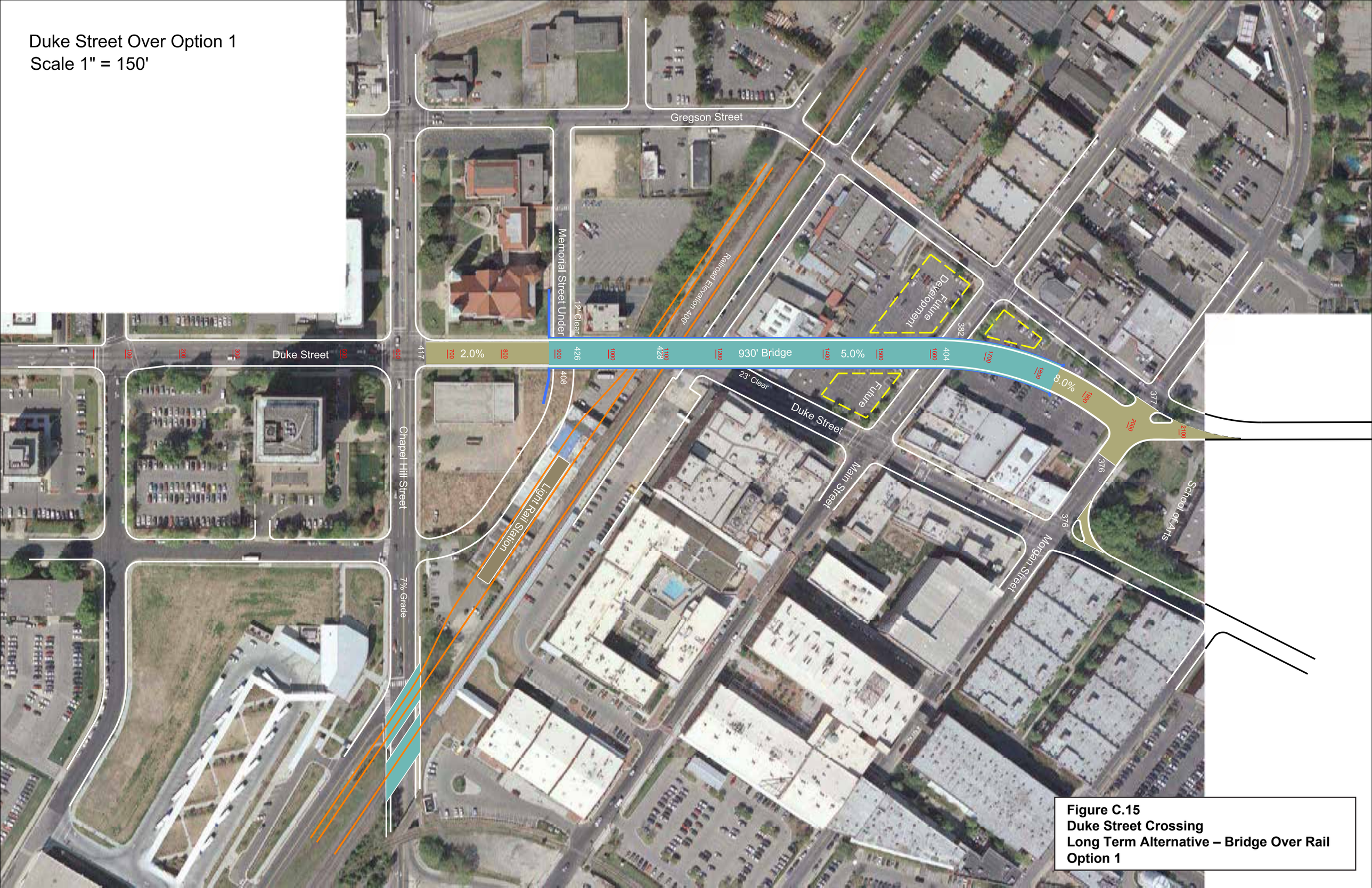
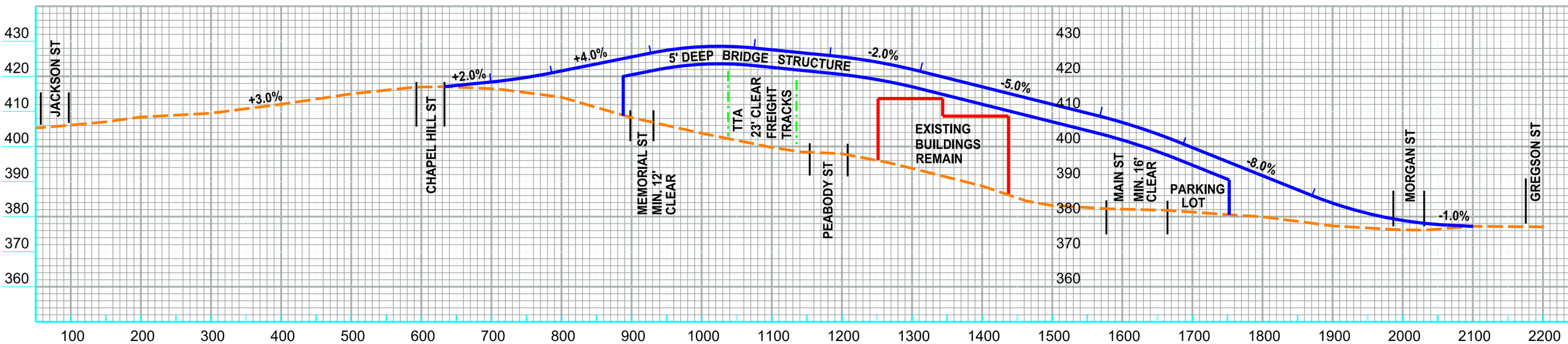


Figure C.15
Duke Street Crossing
Long Term Alternative – Bridge Over Rail
Option 1

Duke Street Over Option 2
Scale 1" = 150'

Figure C.16
Duke Street Crossing
Long Term Alternative – Bridge Over Rail
Option 2



Duke Street (Over) Grade Separation Profile

Figure C.17
Duke Street Crossing
Long Term Alternative – Bridge Over Rail
Options 1 & 2

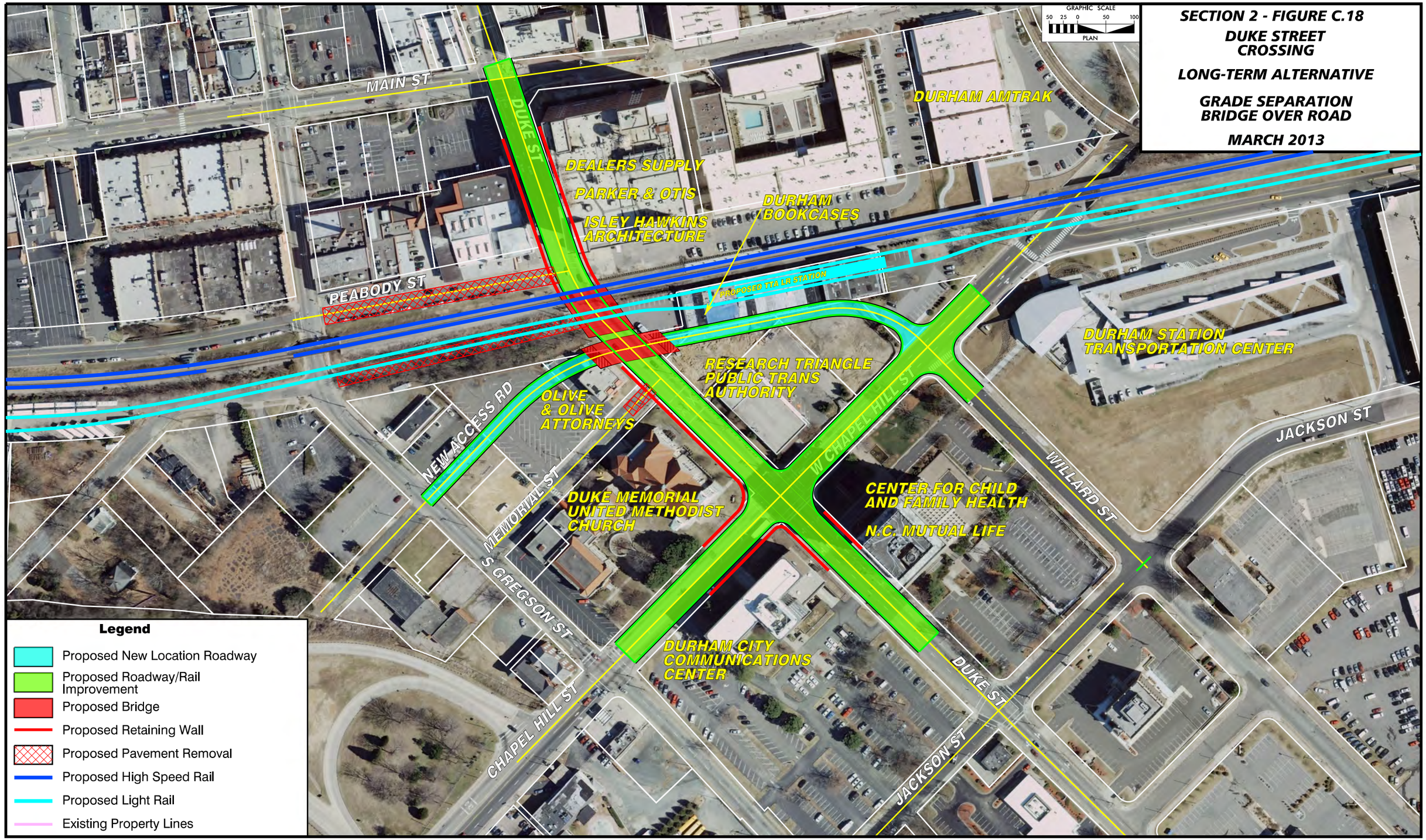
SECTION 2 - FIGURE C.18

DUKE STREET CROSSING

LONG-TERM ALTERNATIVE

GRADE SEPARATION BRIDGE OVER ROAD

MARCH 2013



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Near-Term Recommendations
Install crosswalk markings across Duke Street and Peabody Street
Install sidewalk on west side of Duke Street between Pettigrew Street and existing sidewalk, and pave Pettigrew Street apron

Mid-Term Recommendations
None

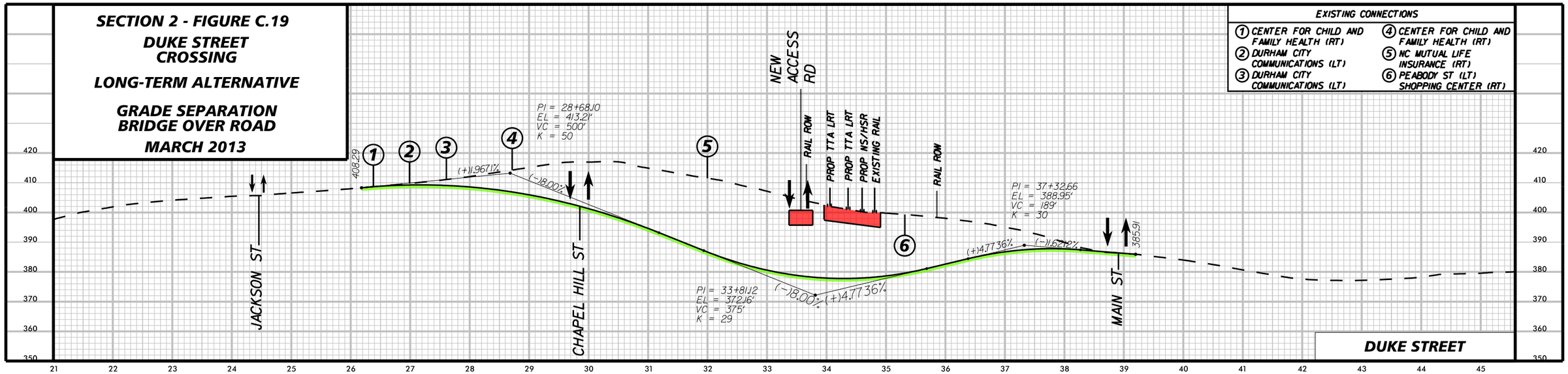
SECTION 2 - FIGURE C.19

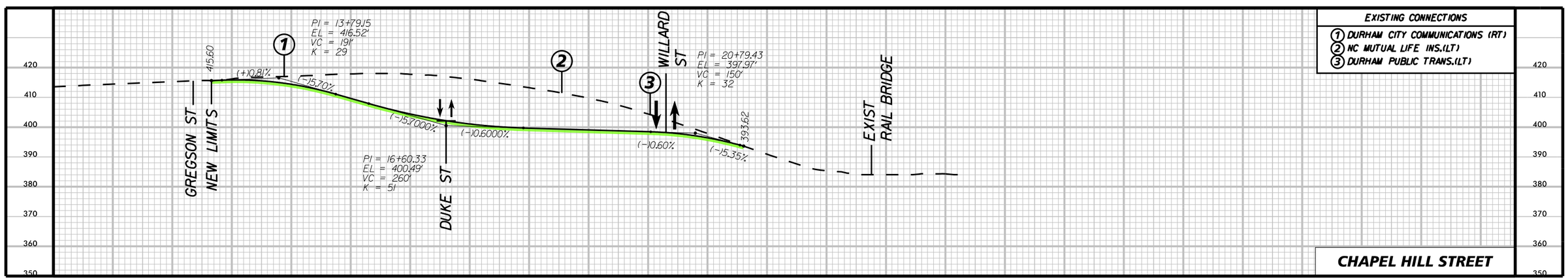
DUKE STREET CROSSING

LONG-TERM ALTERNATIVE

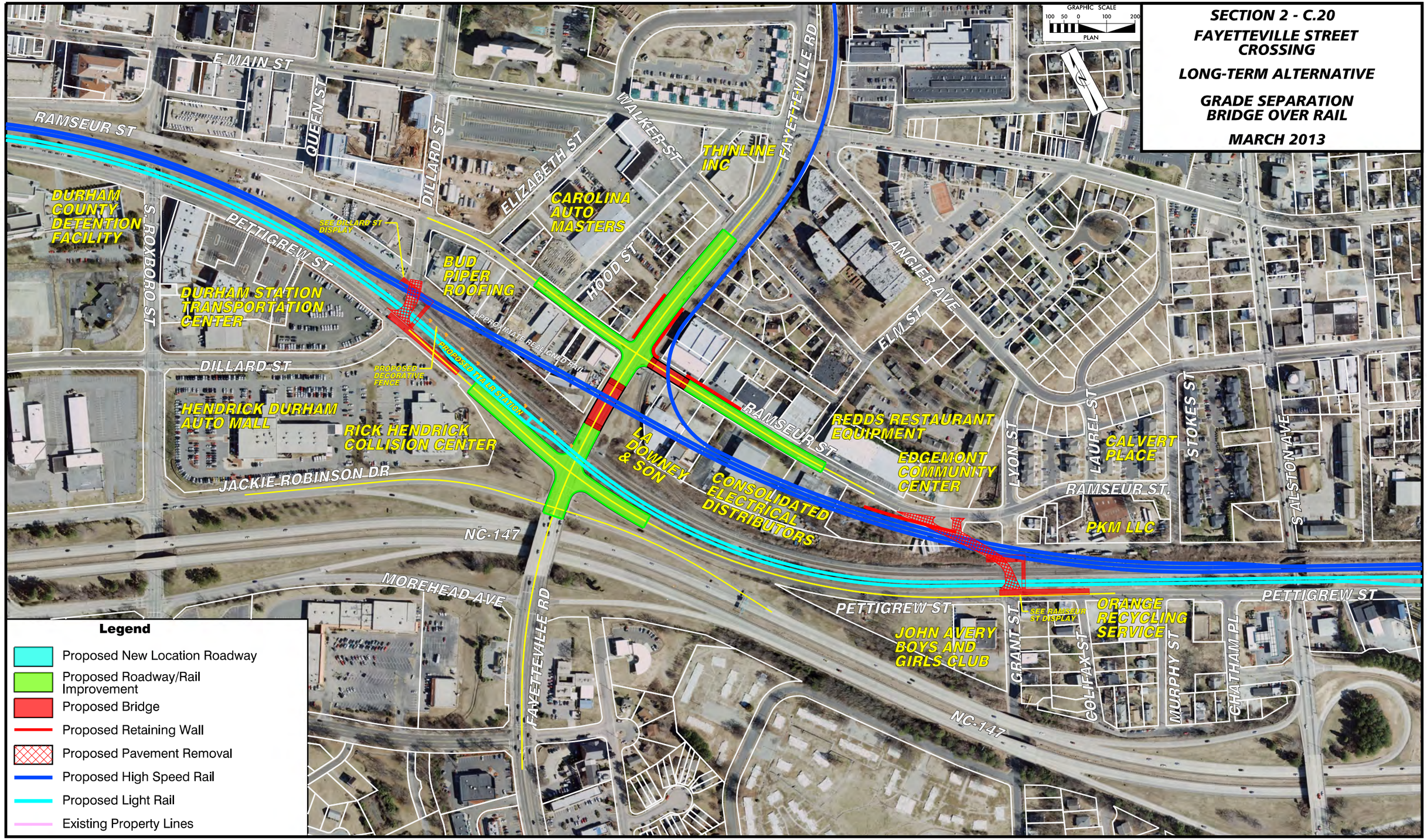
GRADE SEPARATION BRIDGE OVER ROAD

MARCH 2013





SECTION 2 - C.20
FAYETTEVILLE STREET CROSSING
LONG-TERM ALTERNATIVE
GRADE SEPARATION BRIDGE OVER RAIL
MARCH 2013



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Near-Term Recommendations
Install crosswalk markings and ADA curb ramps on Fayetteville Street at Jackie Robinson Drive and Pettigrew Street
Install advanced pavement marking on northbound Fayetteville Street
Stripe outside edges of travel lane across railroad tracks

Mid-Term Recommendations
Install advanced signal heads on Fayetteville Street for westbound traffic approaching the Fayetteville Street/Pettigrew Street intersection, and cut new vehicle detection loops at stop bar on Fayetteville Street east of railroad tracks
Replace signal heads with optically programmed signal heads (eastbound signal heads at Fayetteville Street/Pettigrew Street intersection, and westbound signal heads at Fayetteville Street/Jackie Robinson Drive intersection)

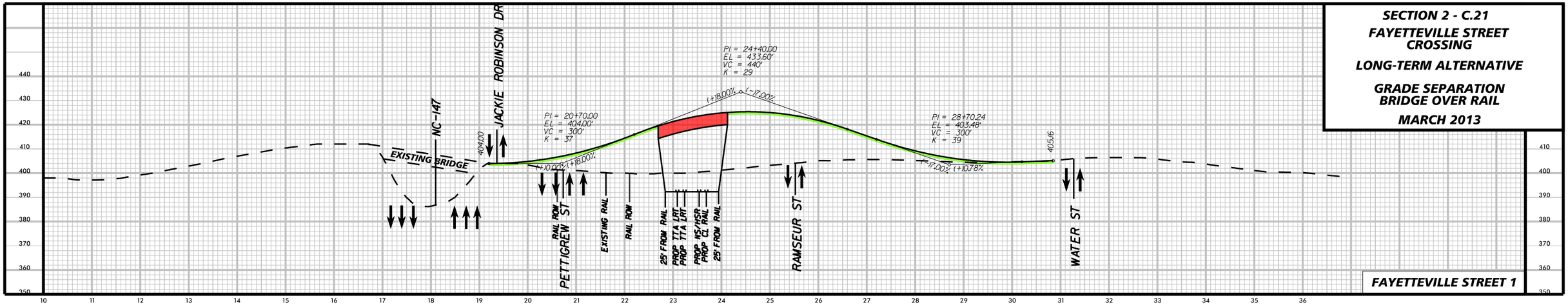
SECTION 2 - C.21

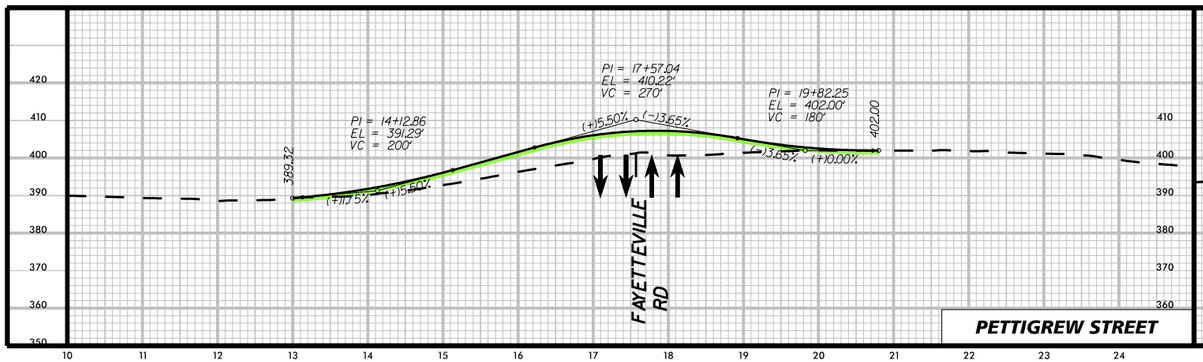
FAYETTEVILLE STREET CROSSING

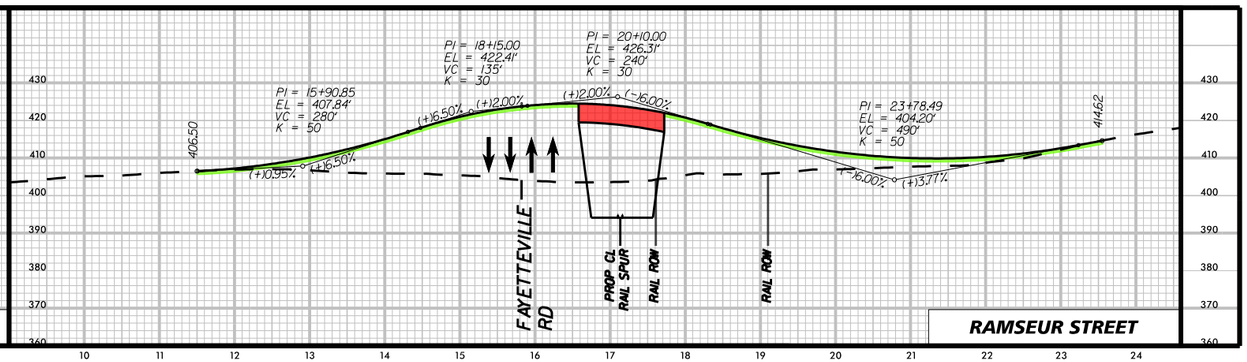
LONG-TERM ALTERNATIVE

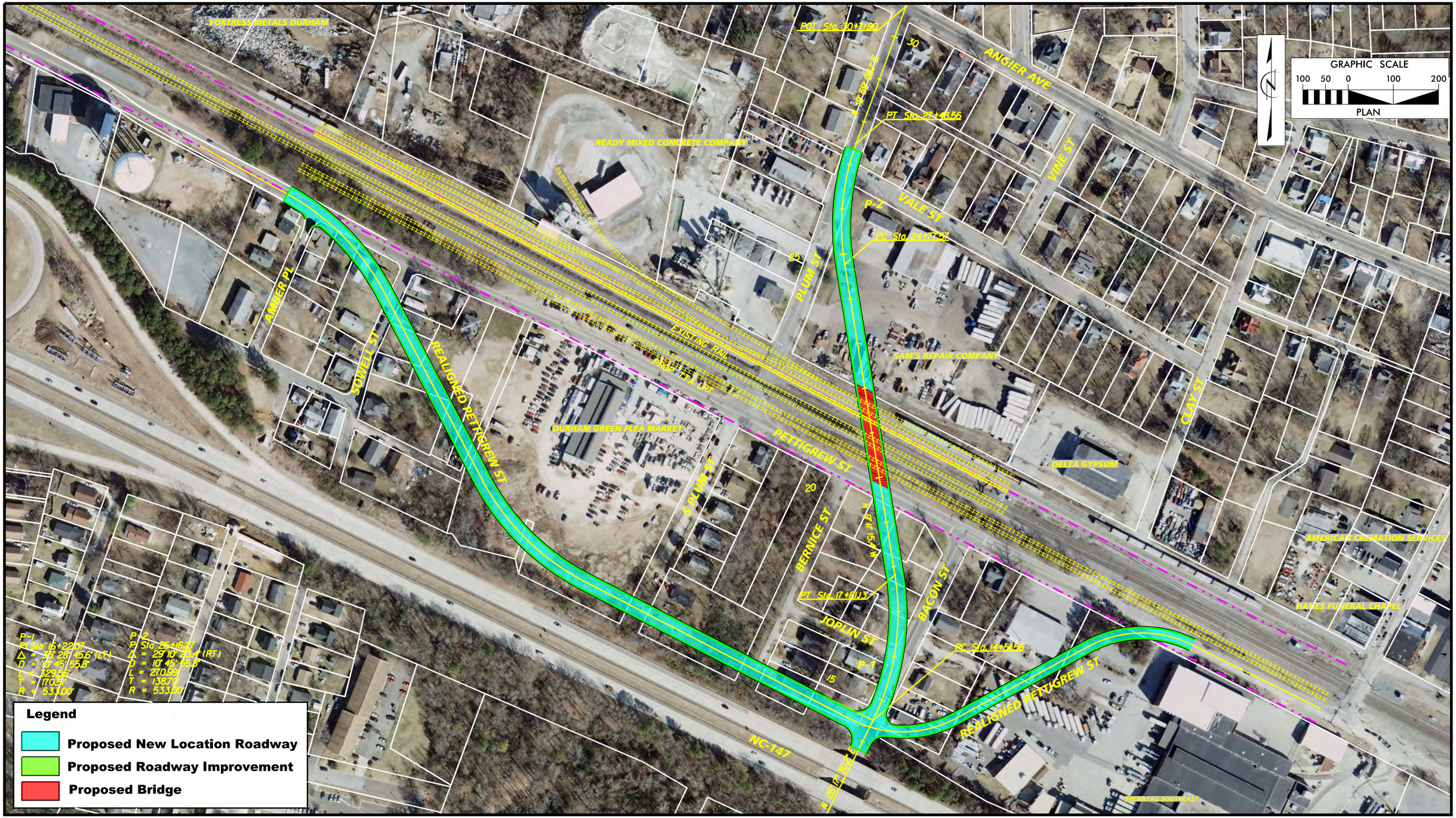
GRADE SEPARATION BRIDGE OVER RAIL

MARCH 2013









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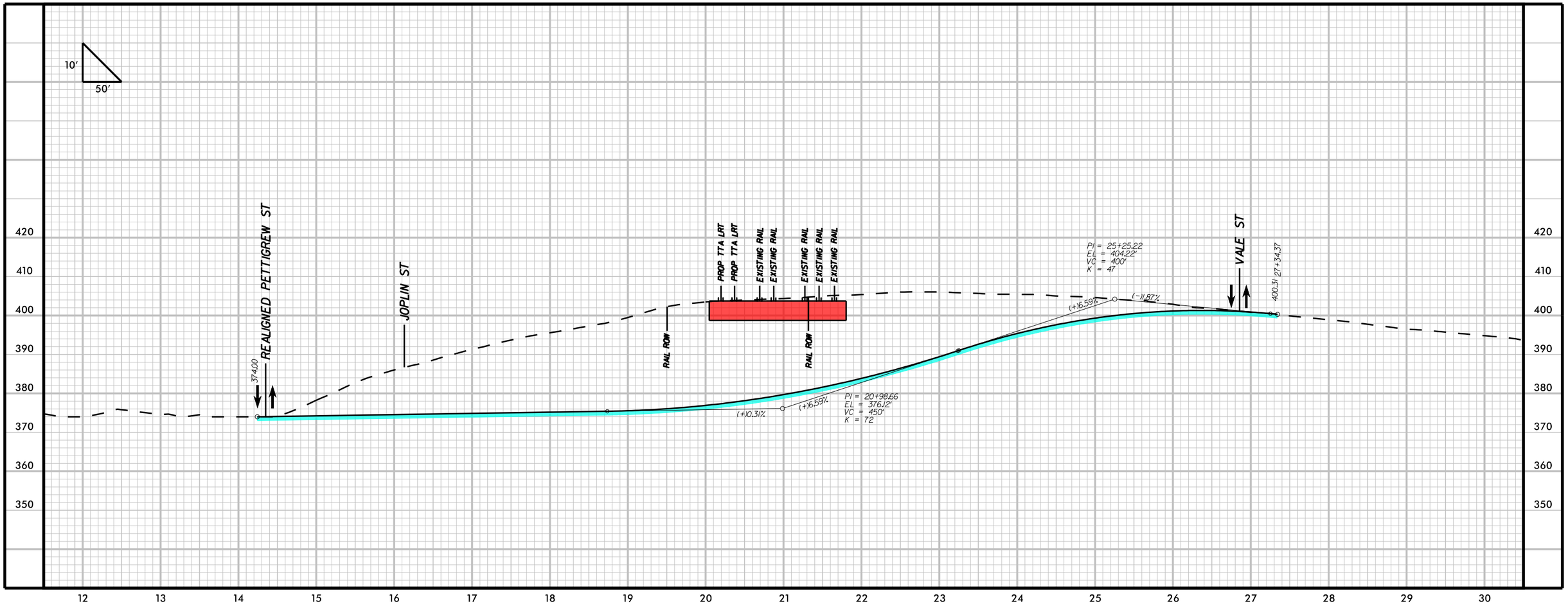
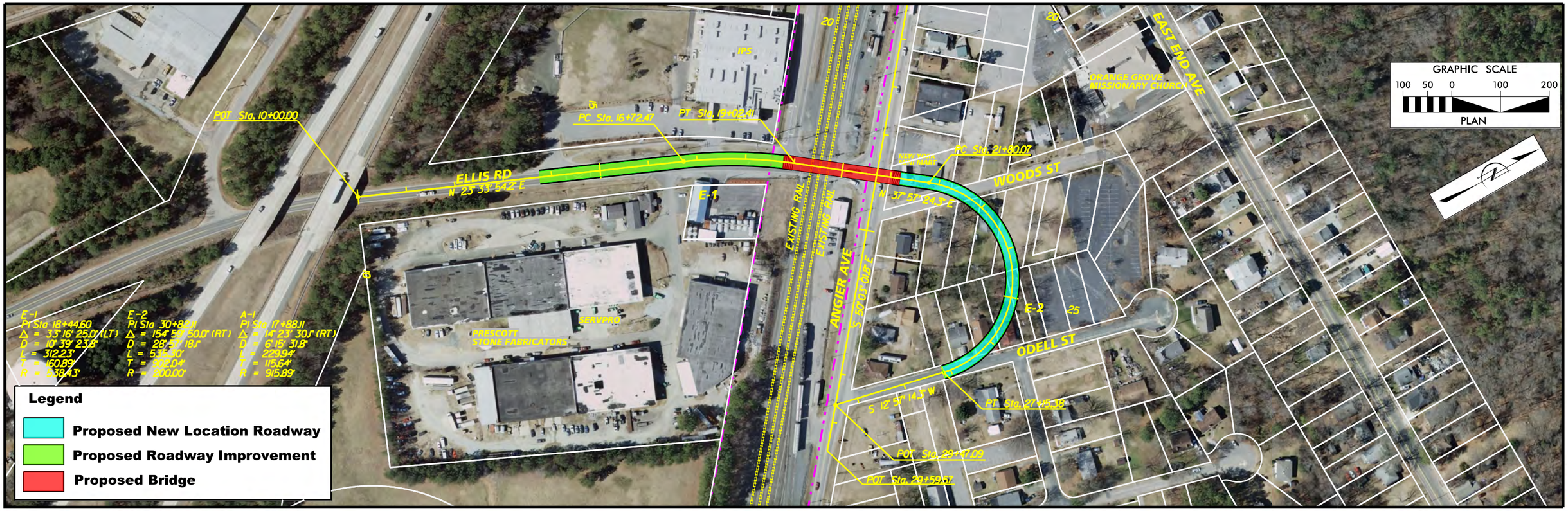
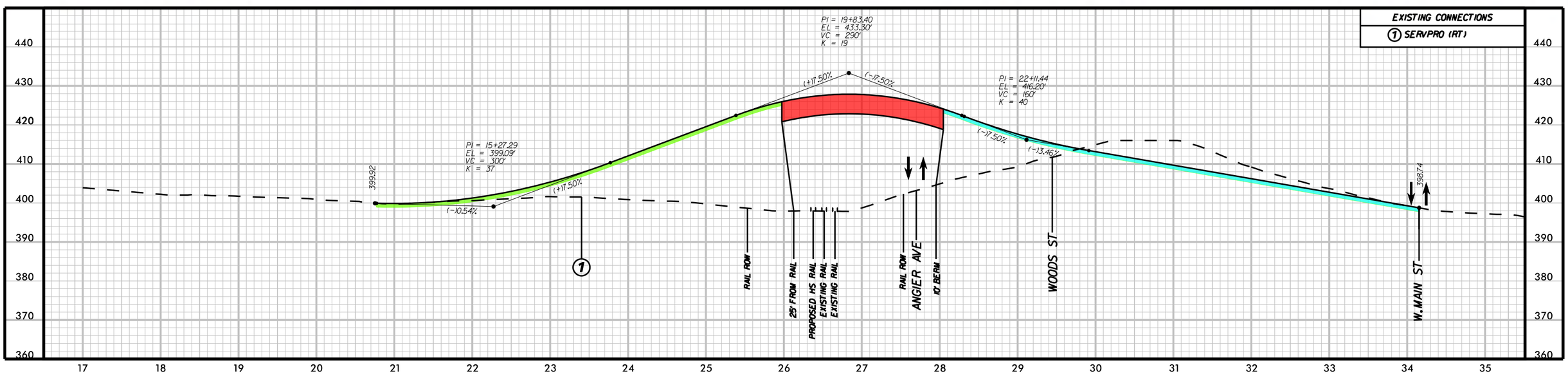
Section 2- Figure C.22
Plum Street Crossing
Long-Term Alternative
Grade Separation
Bridge Over Road



Section 2- Figure C.23
Plum Street Crossing
Long-Term Alternative
Grade Separation
Bridge Over Road





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Section 3- Figure C.24
Ellis Road (West) Crossing
Long-Term Alternative
Grade Separation
Bridge Over Rail (Loop)

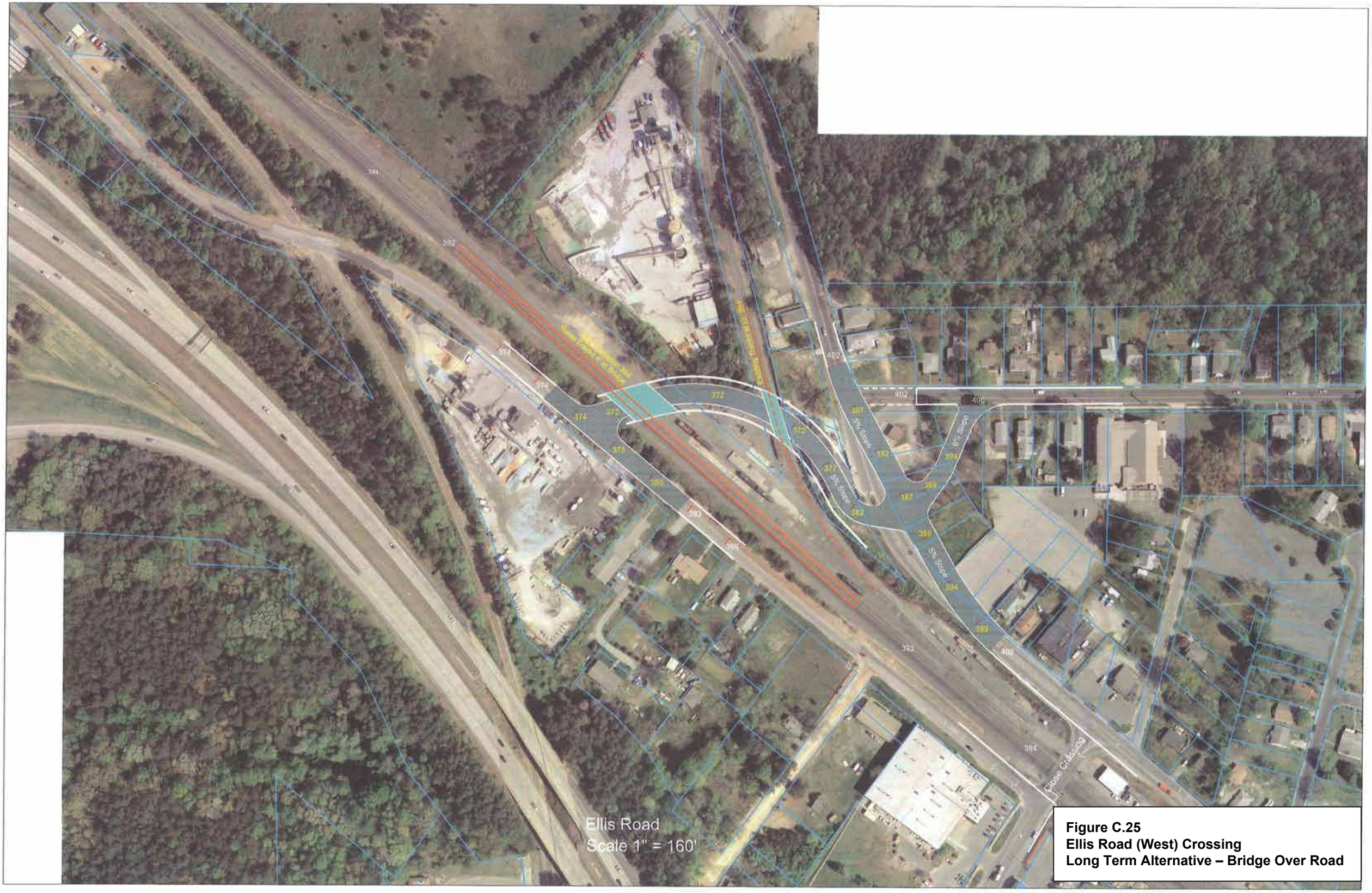

Figure C.25
Ellis Road (West) Crossing
Long Term Alternative – Bridge Over Road