

I-290

Preliminary Engineering
and Environmental (Phase I) Study
West of Mannheim Road to East of Cicero Avenue

Appendices A thru E

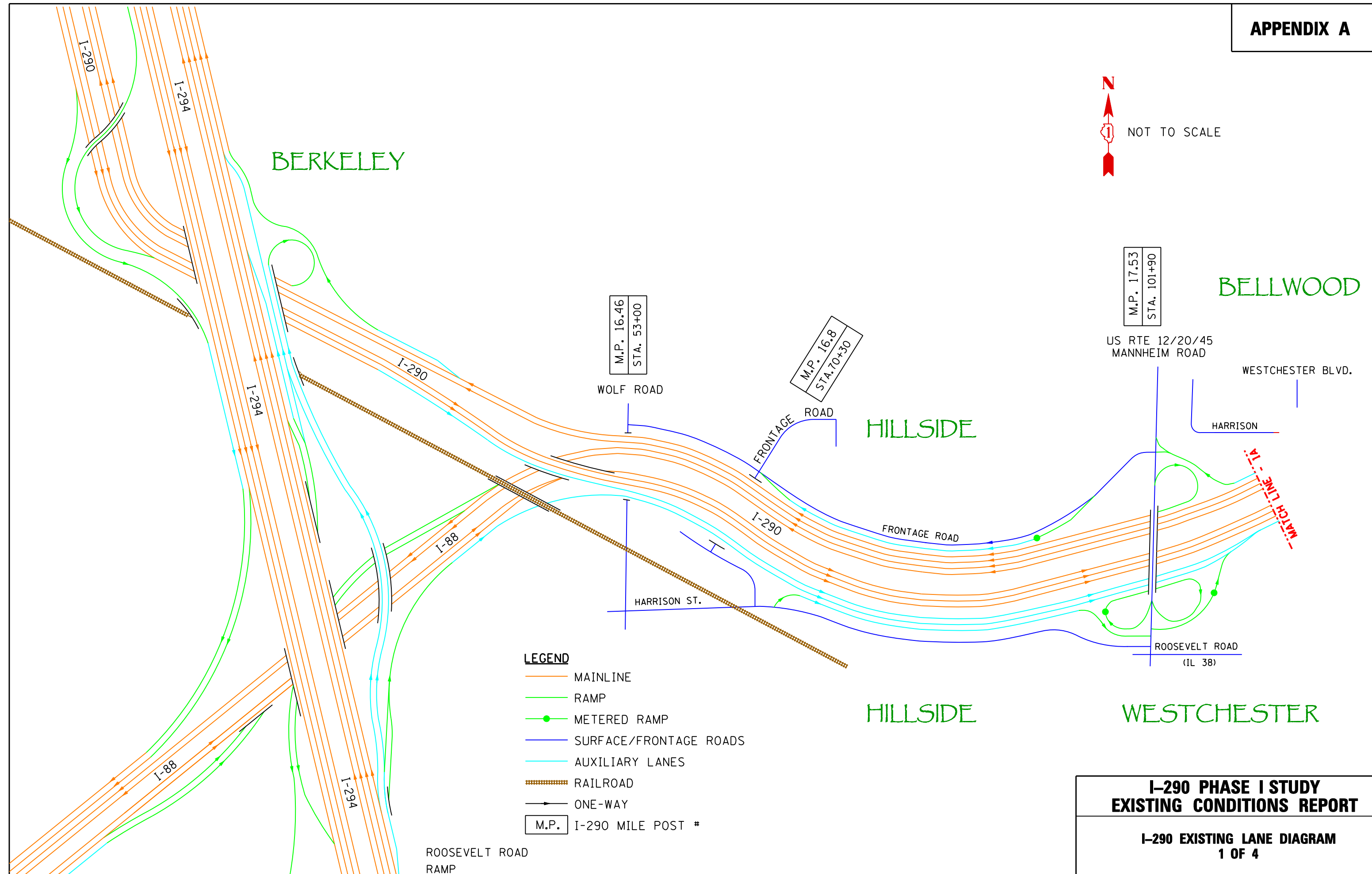
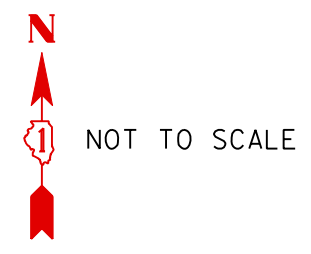
Existing Transportation System Performance Report

June 2010

- Appendix A - Existing Lane Diagrams**
- Appendix B - Project Segment Maps & Typical Sections**
- Appendix C - Crossroad Lane Diagrams**
- Appendix D - Crossroad Typical Sections**
- Appendix E - Study Area Operations and Crashes**

Appendix A

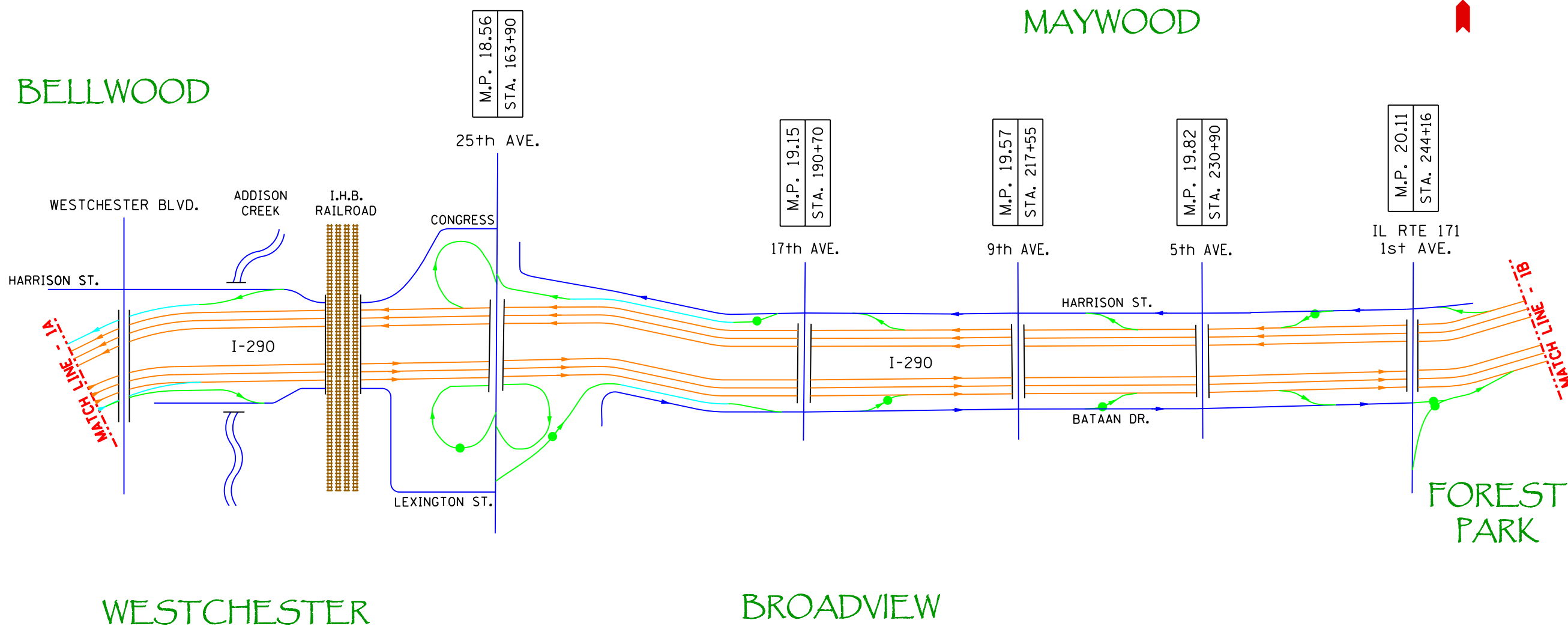
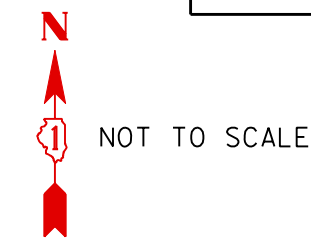
Existing Lane Diagrams



- LEGEND**
- MAINLINE
 - RAMP
 - METERED RAMP
 - SURFACE/FRONTAGE ROADS
 - AUXILIARY LANES
 - ▨ RAILROAD
 - ONE-WAY
 - ☐ M.P. I-290 MILE POST #

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

**I-290 EXISTING LANE DIAGRAM
1 OF 4**



M.P. 18.56
STA. 163+90

M.P. 19.15
STA. 190+70

M.P. 19.57
STA. 217+55

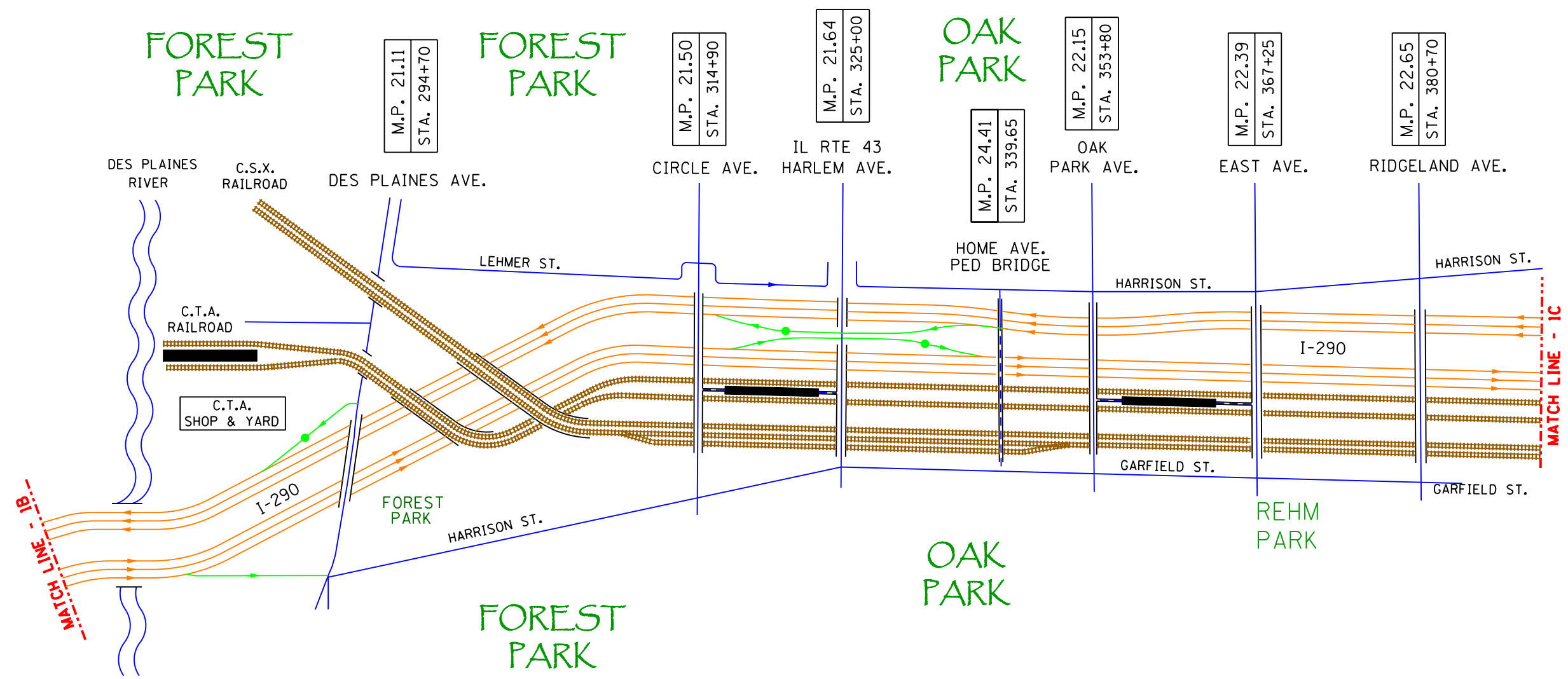
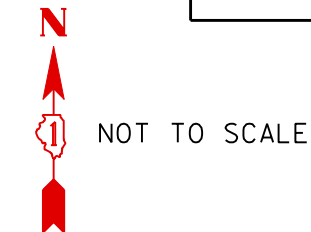
M.P. 19.82
STA. 230+90

M.P. 20.11
STA. 244+16

- LEGEND**
- MAINLINE
 - RAMP
 - METERED RAMP
 - SURFACE/FRONTAGE ROADS
 - AUXILIARY LANES
 - ▤ RAILROAD
 - ONE-WAY
 - M.P. I-290 MILE POST #

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

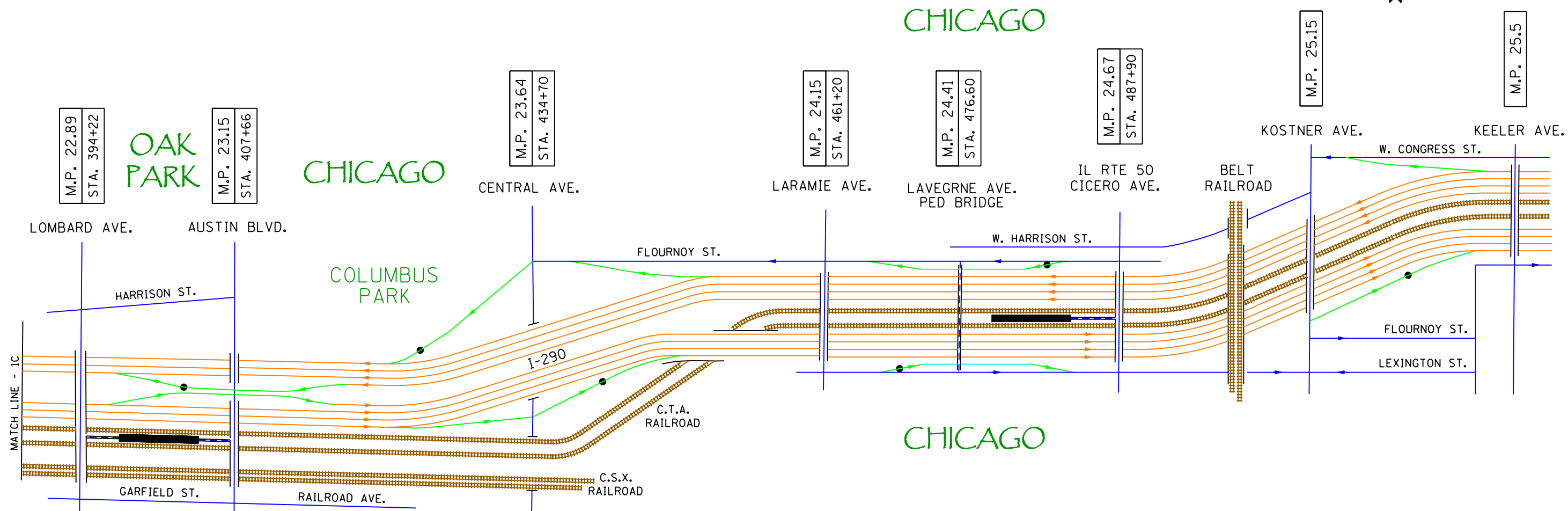
**I-290 EXISTING LANE DIAGRAM
2 OF 4**



- LEGEND**
- MAINLINE
 - RAMP
 - METERED RAMP
 - SURFACE/FRONTAGE ROADS
 - AUXILIARY LANES
 - RAILROAD
 - ONE-WAY
 - M.P. I-290 MILE POST #

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

**I-290 EXISTING LANE DIAGRAM
3 OF 4**



- LEGEND**
- MAINLINE
 - RAMP
 - METERED RAMP
 - SURFACE/FRONTAGE ROADS
 - AUXILIARY LANES
 - RAILROAD
 - ONE-WAY
 - M.P. I-290 MILE POST #

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

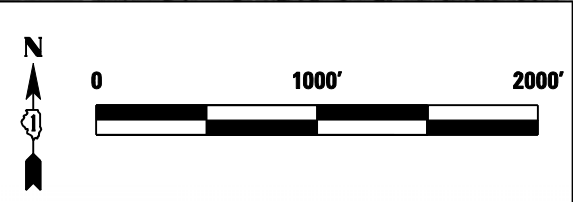
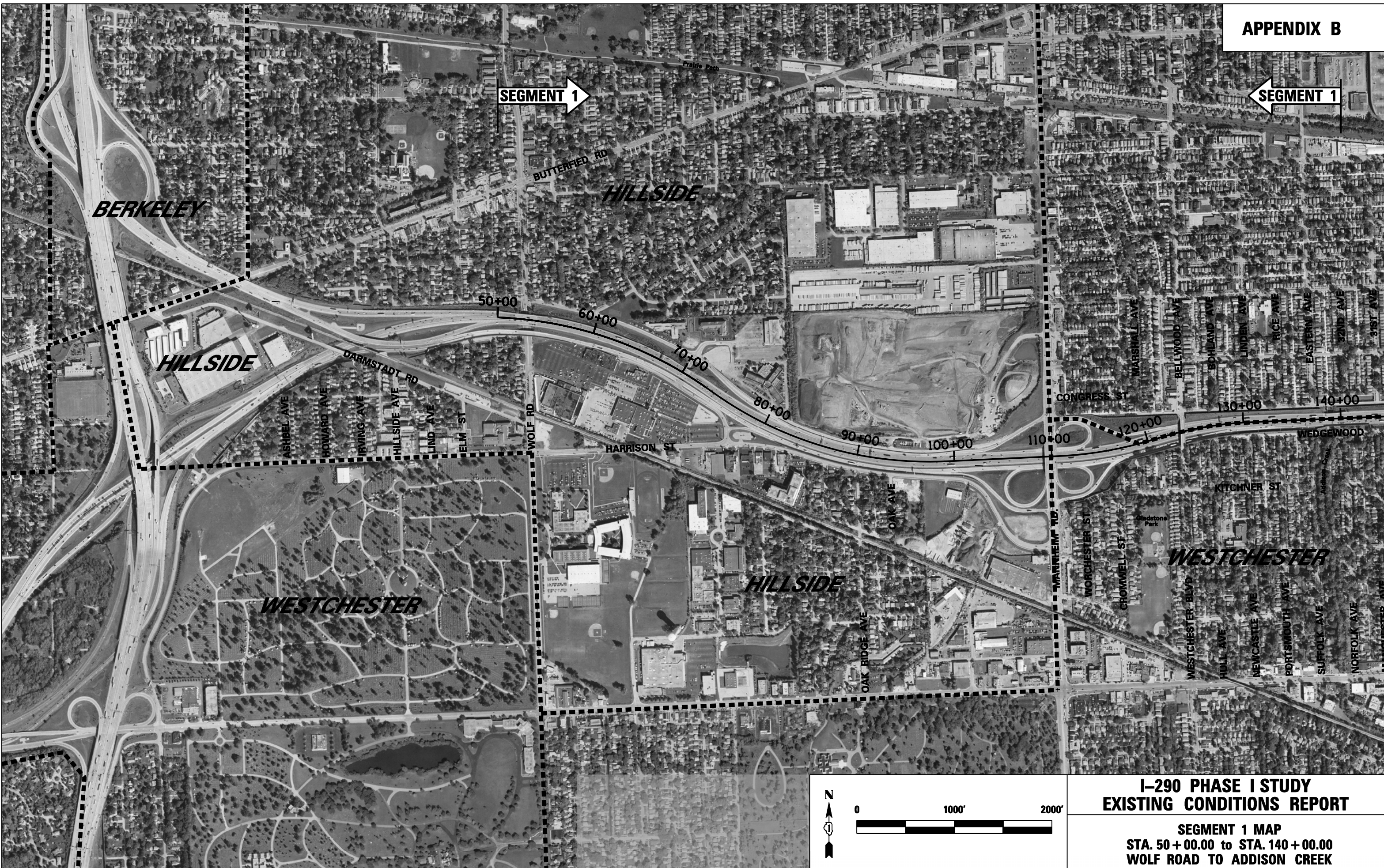
**I-290 EXISTING LANE DIAGRAM
4 OF 4**

Appendix B

Project Segment Maps & Typical Sections

SEGMENT 1

SEGMENT 1

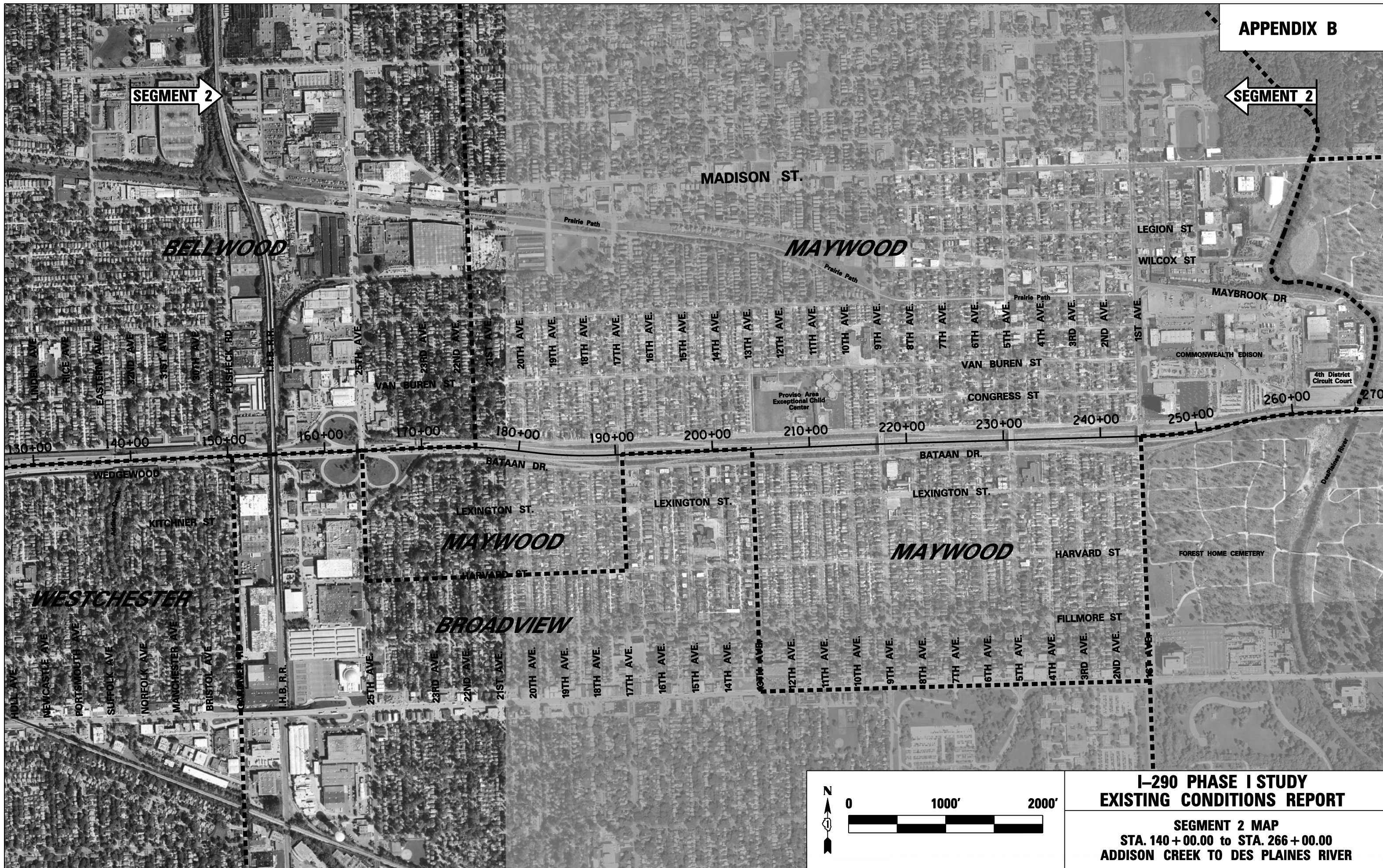


**I-90 PHASE I STUDY
EXISTING CONDITIONS REPORT**

**SEGMENT 1 MAP
STA. 50+00.00 to STA. 140+00.00
WOLF ROAD TO ADDISON CREEK**

SEGMENT 2

SEGMENT 2

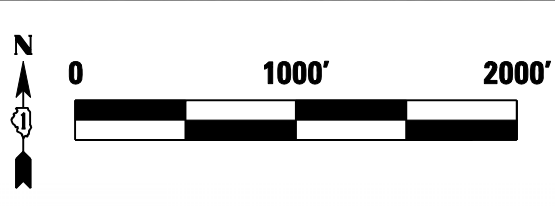


**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

**SEGMENT 2 MAP
STA. 140 + 00.00 to STA. 266 + 00.00
ADDISON CREEK TO DES PLAINES RIVER**

SEGMENT 3

SEGMENT 3

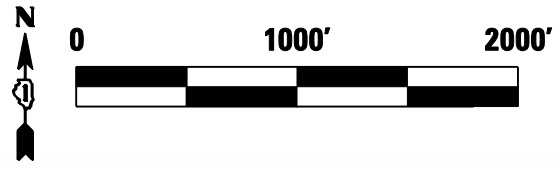


**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

**SEGMENT 3 MAP
STA. 266 + 00.00 to STA. 409 + 00.00
DES PLAINES RIVER TO EAST OF AUSTIN**

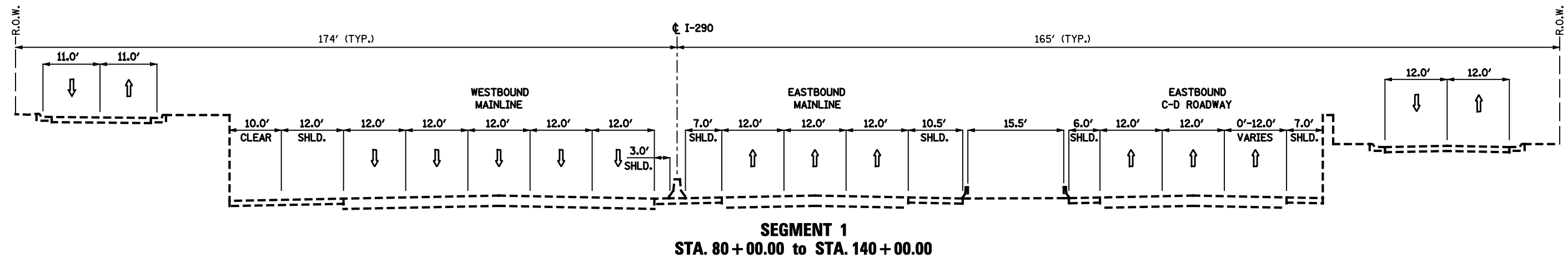
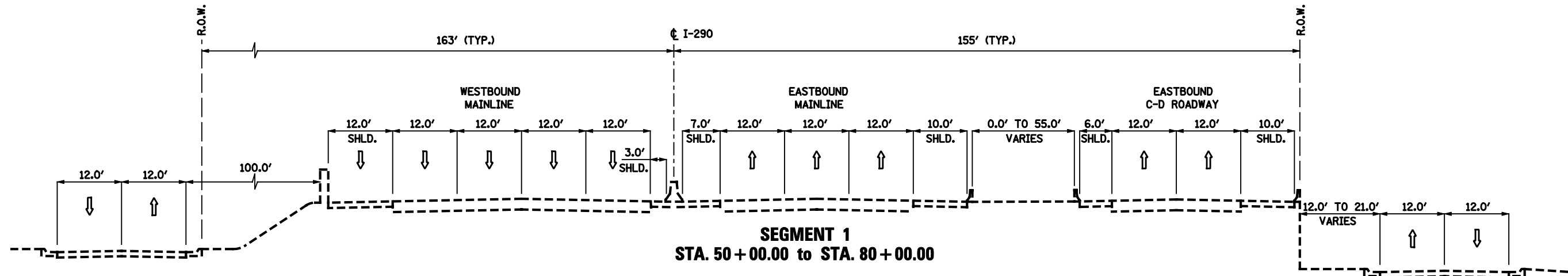
SEGMENT 4

SEGMENT 4



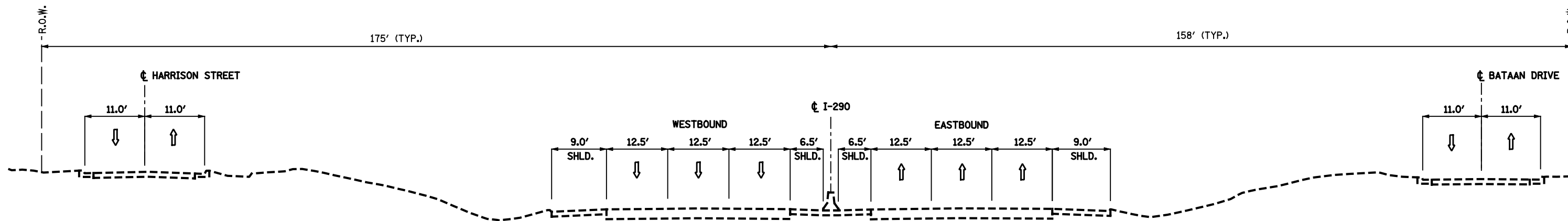
**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

**SEGMENT 4 MAP
STA. 409+00.00 to STA. 500+00.00
EAST OF AUSTIN TO KOSTNER**

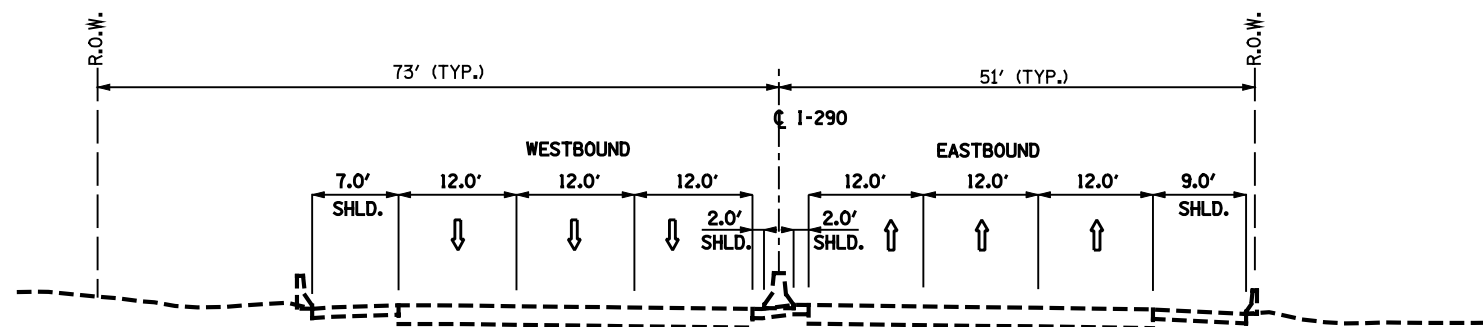


**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

**I-290 TYPICAL SECTIONS
EXISTING SEGMENT 1**



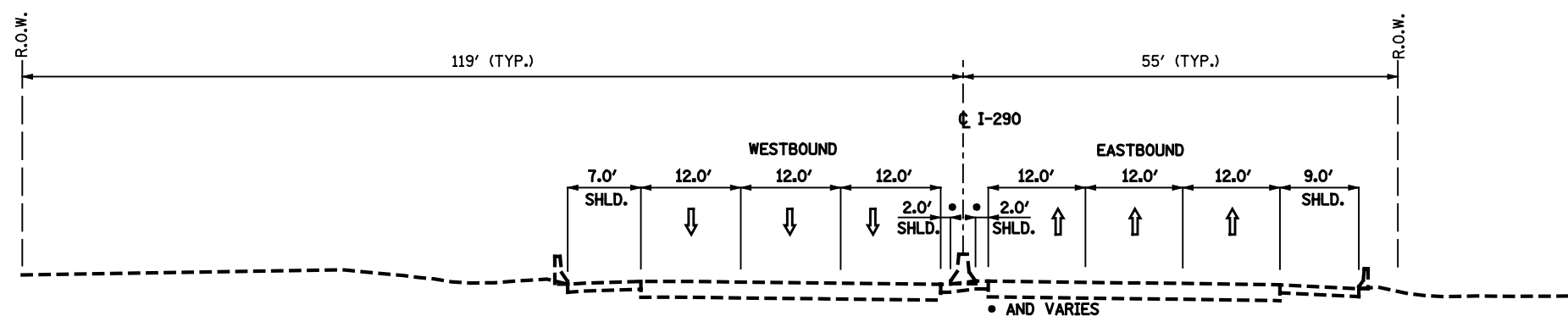
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STA. 140 + 00.00 to STA. 252 + 00.00



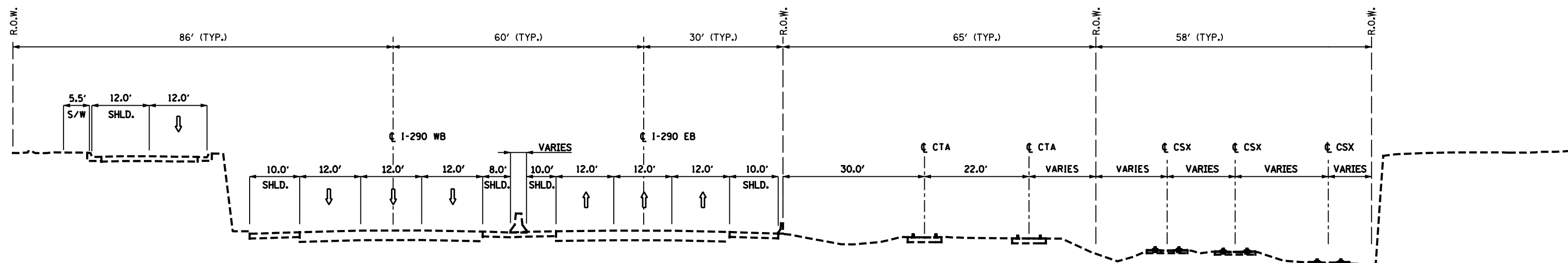
SEGMENT 2
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I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT

I-290 TYPICAL SECTIONS
EXISTING SEGMENT 2



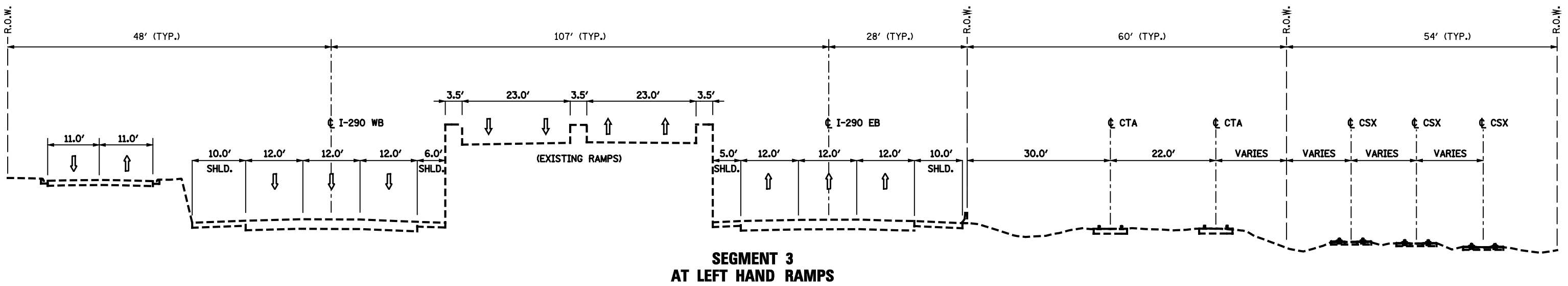
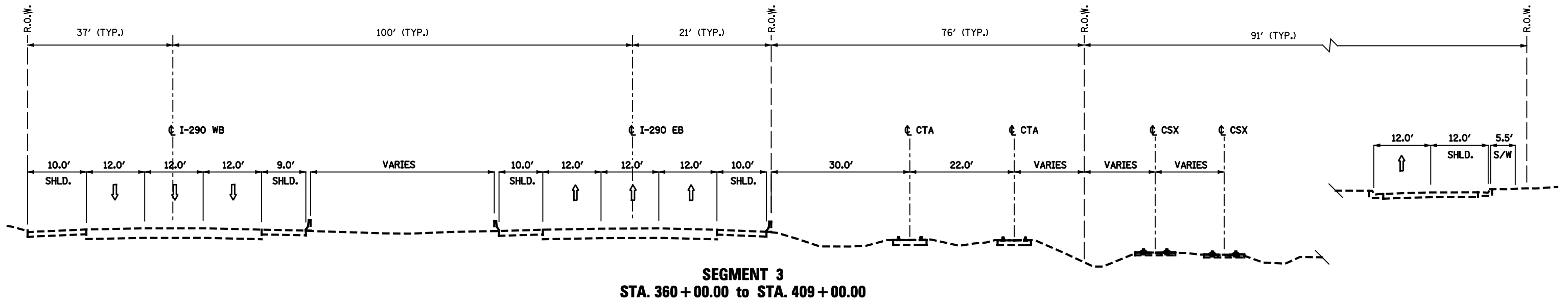
SEGMENT 3
STA. 266+00.00 to STA. 300+00.00

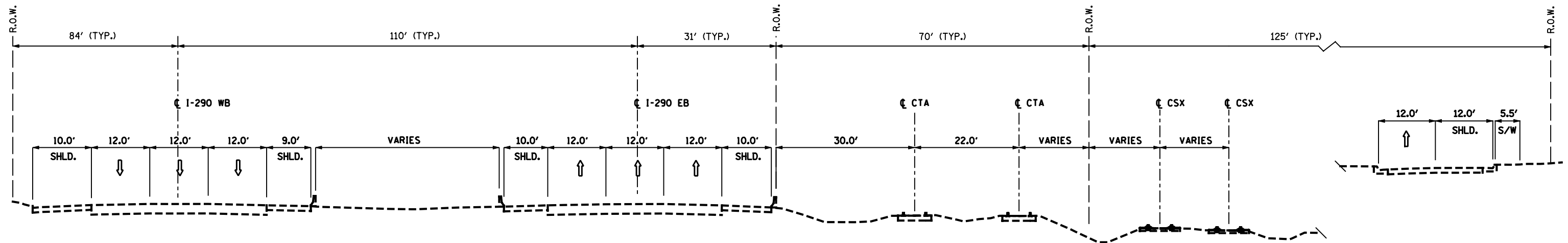


SEGMENT 3
STA. 300+00.00 to STA. 360+00.00

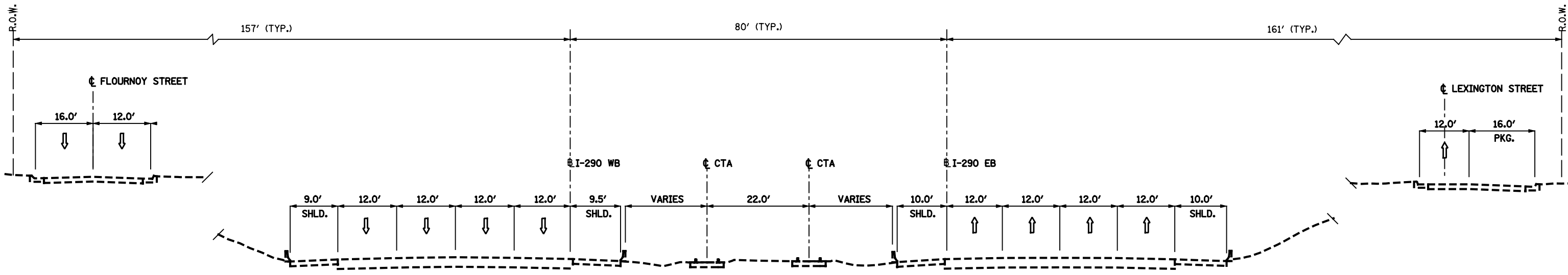
I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT

I-290 TYPICAL SECTIONS
EXISTING SEGMENT 3A





**SEGMENT 4
STA. 409 + 00.00 to STA. 435 + 00.00**



**SEGMENT 4
STA. 435 + 00.00 to STA. 500 + 00.00**

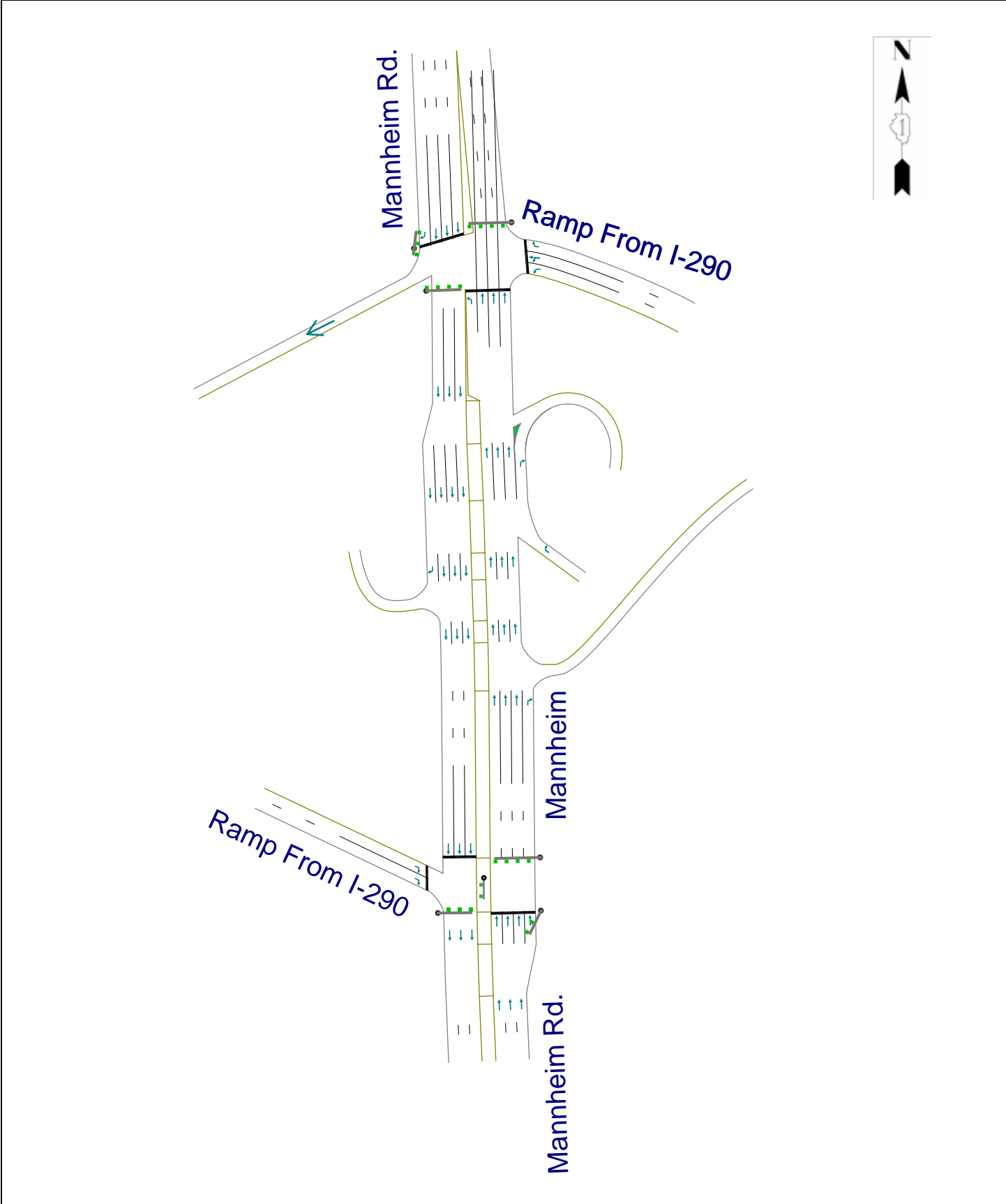
**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

**I-290 TYPICAL SECTIONS
EXISTING SEGMENT 4**

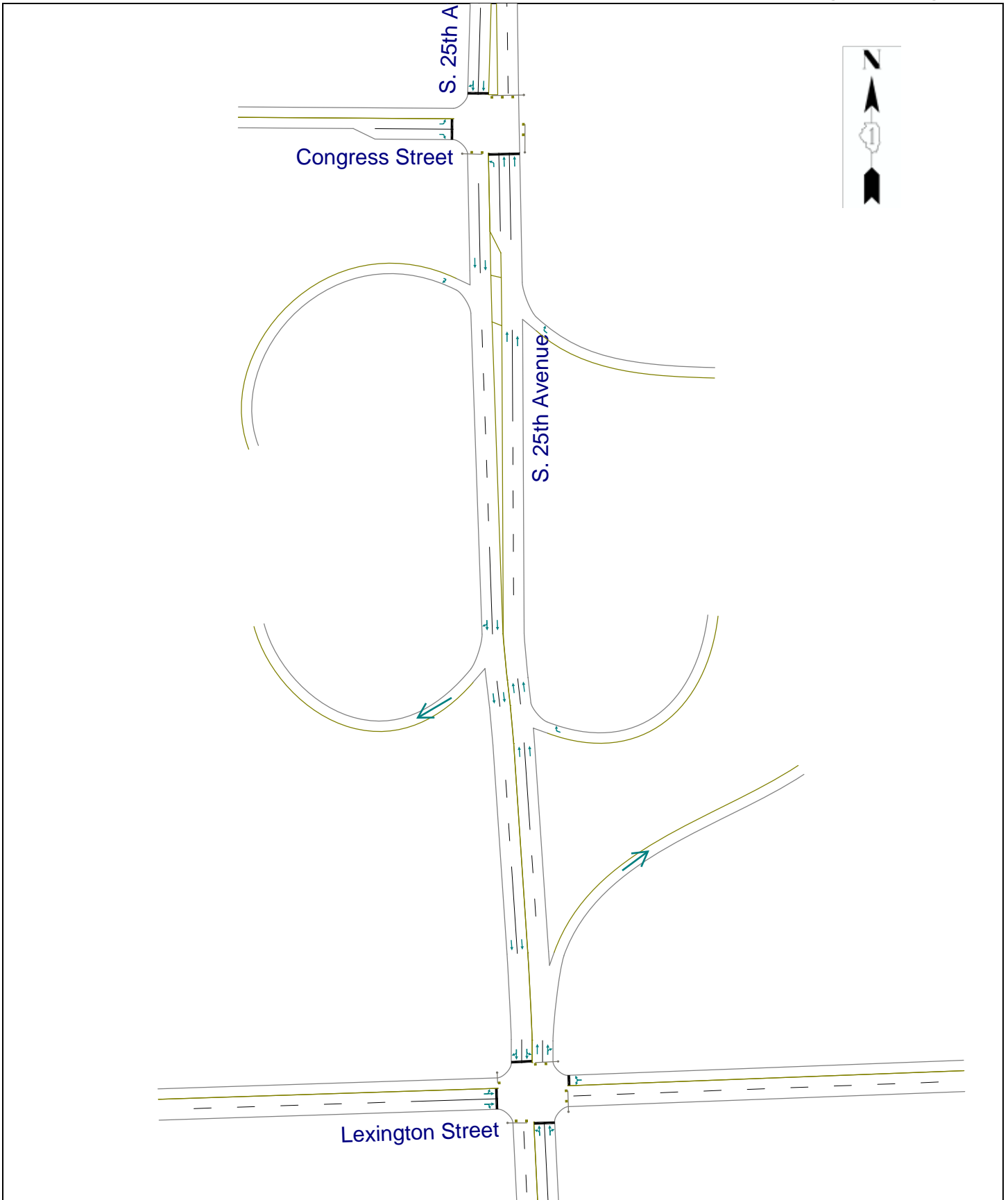
Appendix C

Cross Road Lane Diagrams

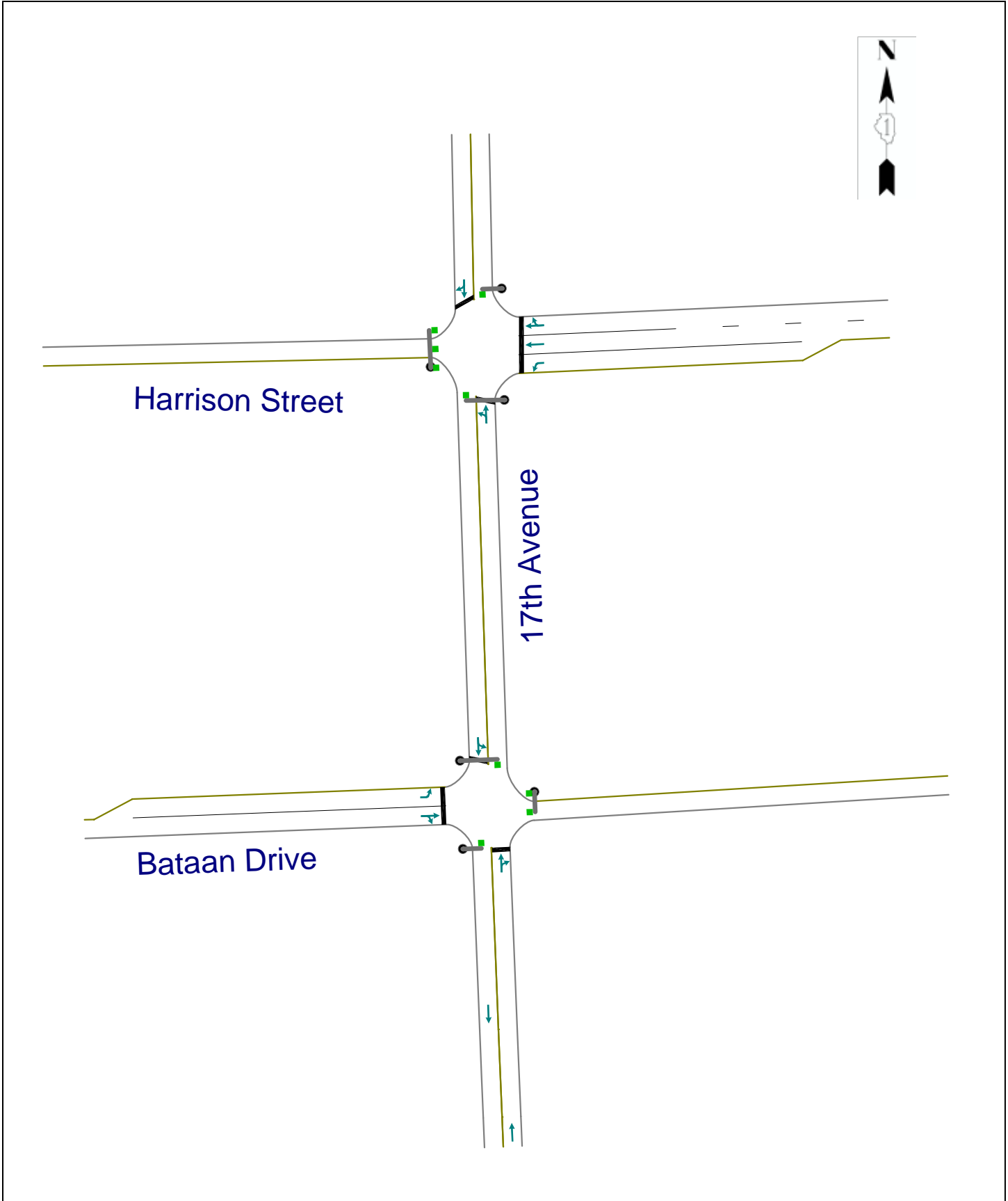
Mannheim Road Over I-290
Existing Lane Configuration



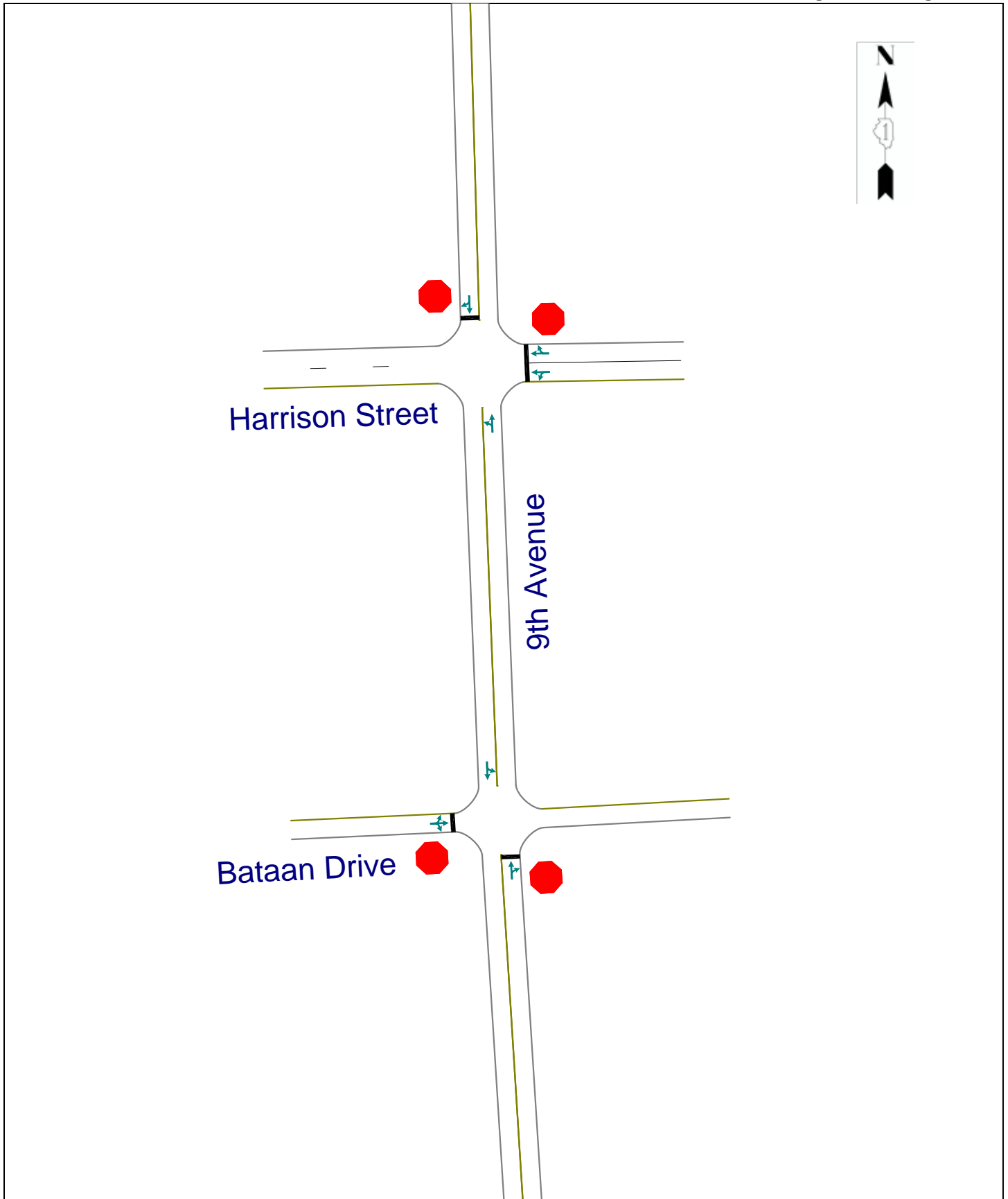
25th Avenue over I-290
Existing Lane Configuration



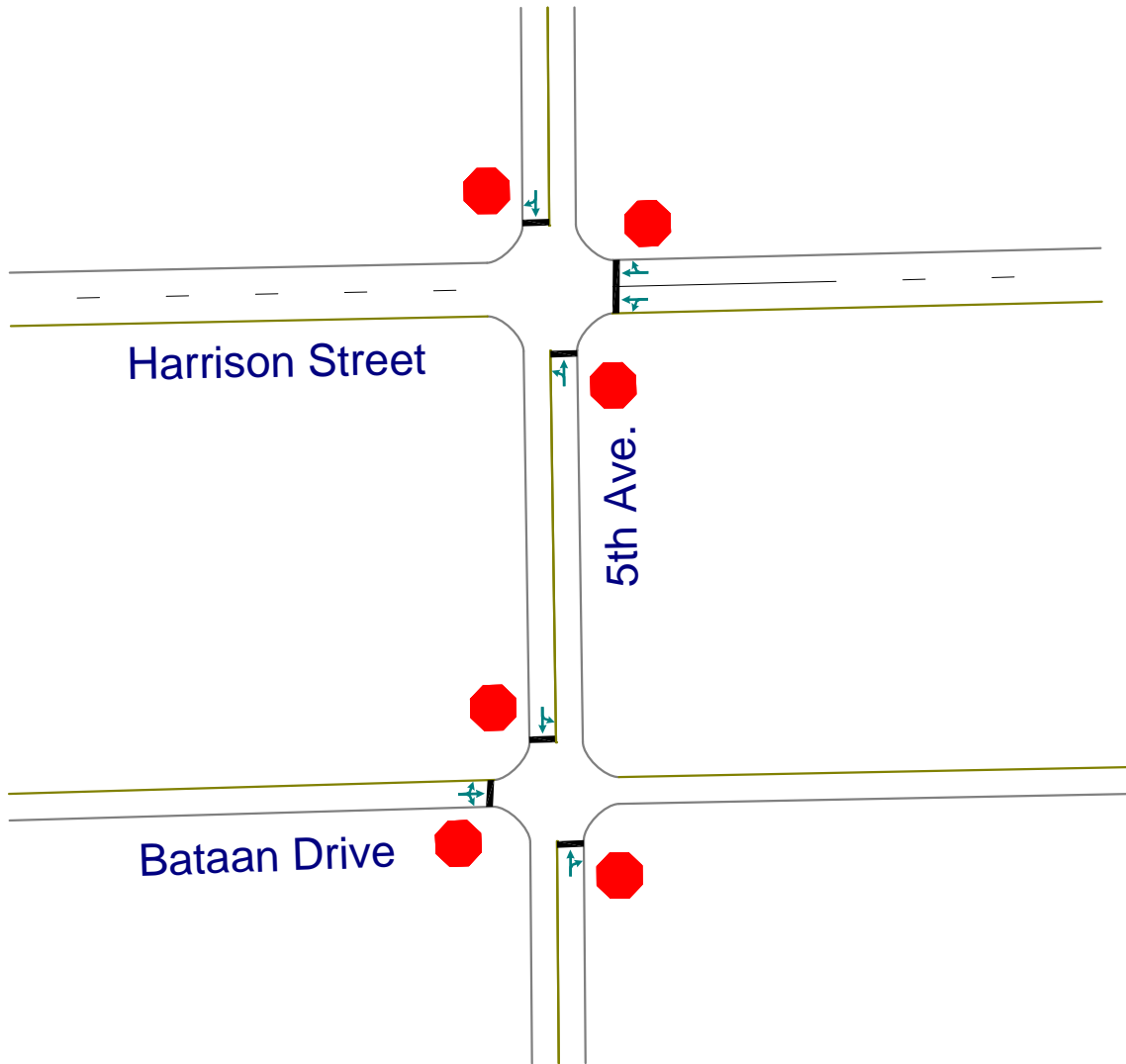
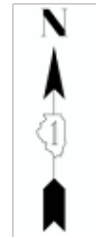
17th Avenue Over I-290
Existing Lane Configuration



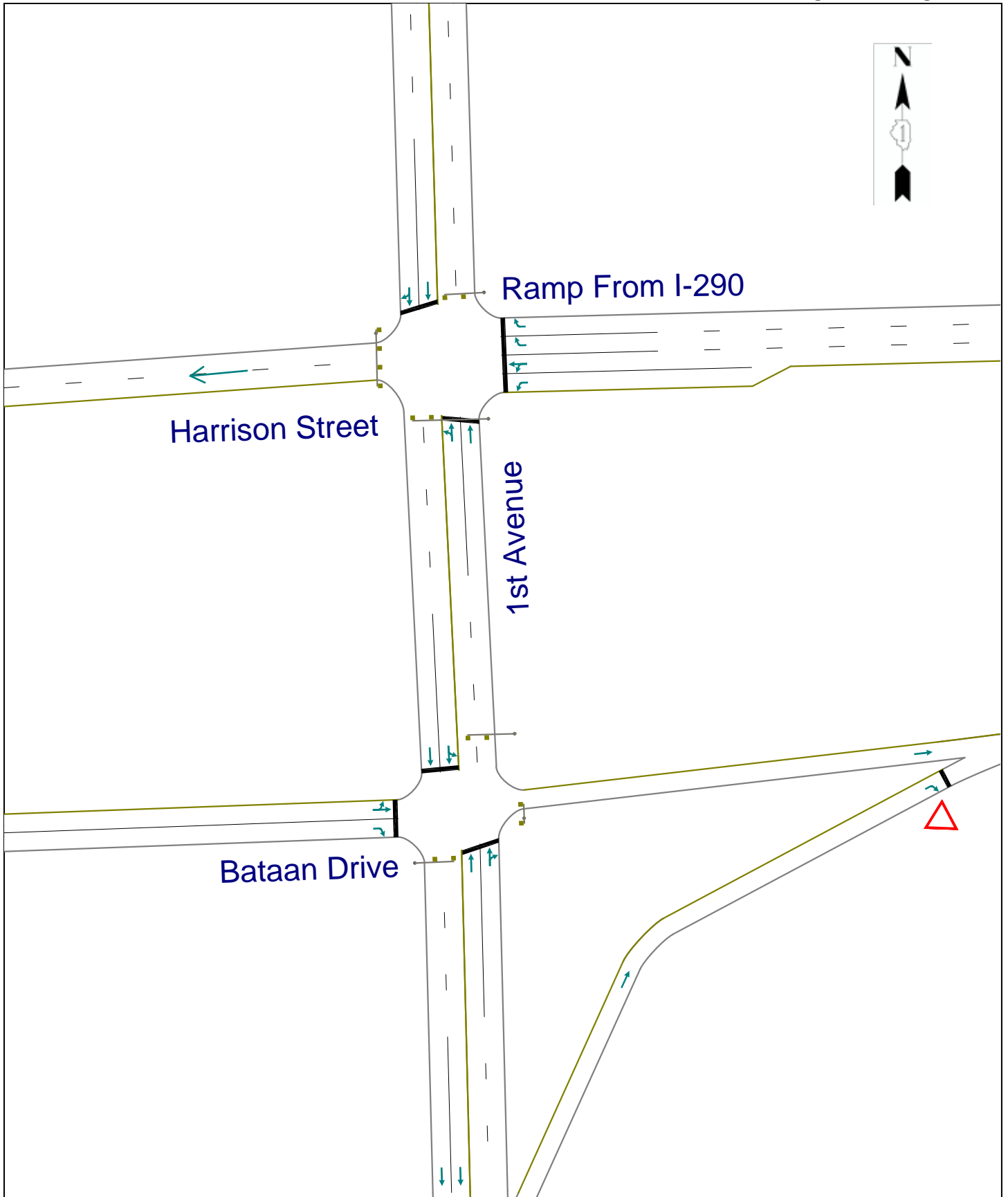
9th Avenue Over I-290
Existing Lane Configuration



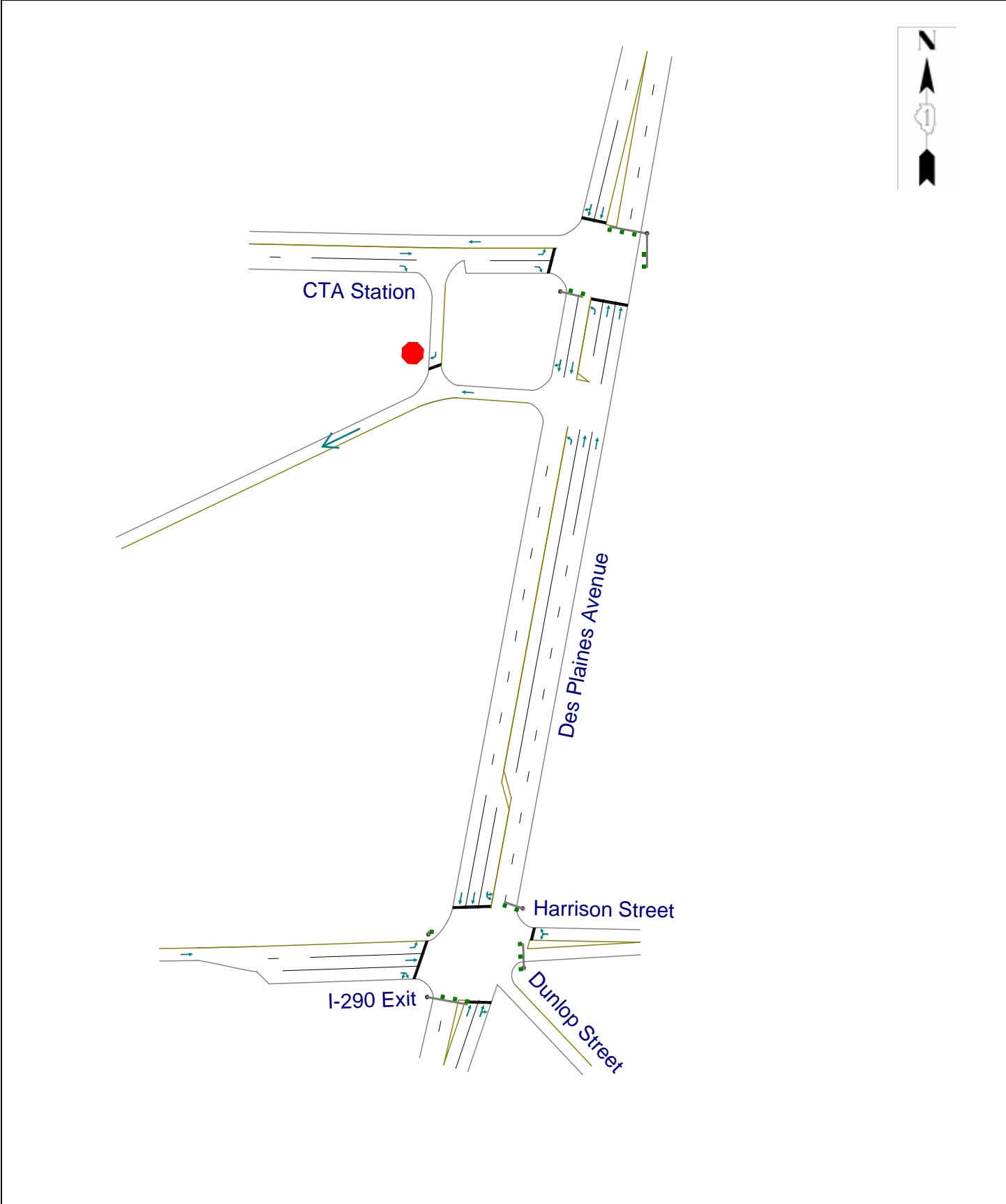
5th Avenue over I-290
Existing Lane Configuration



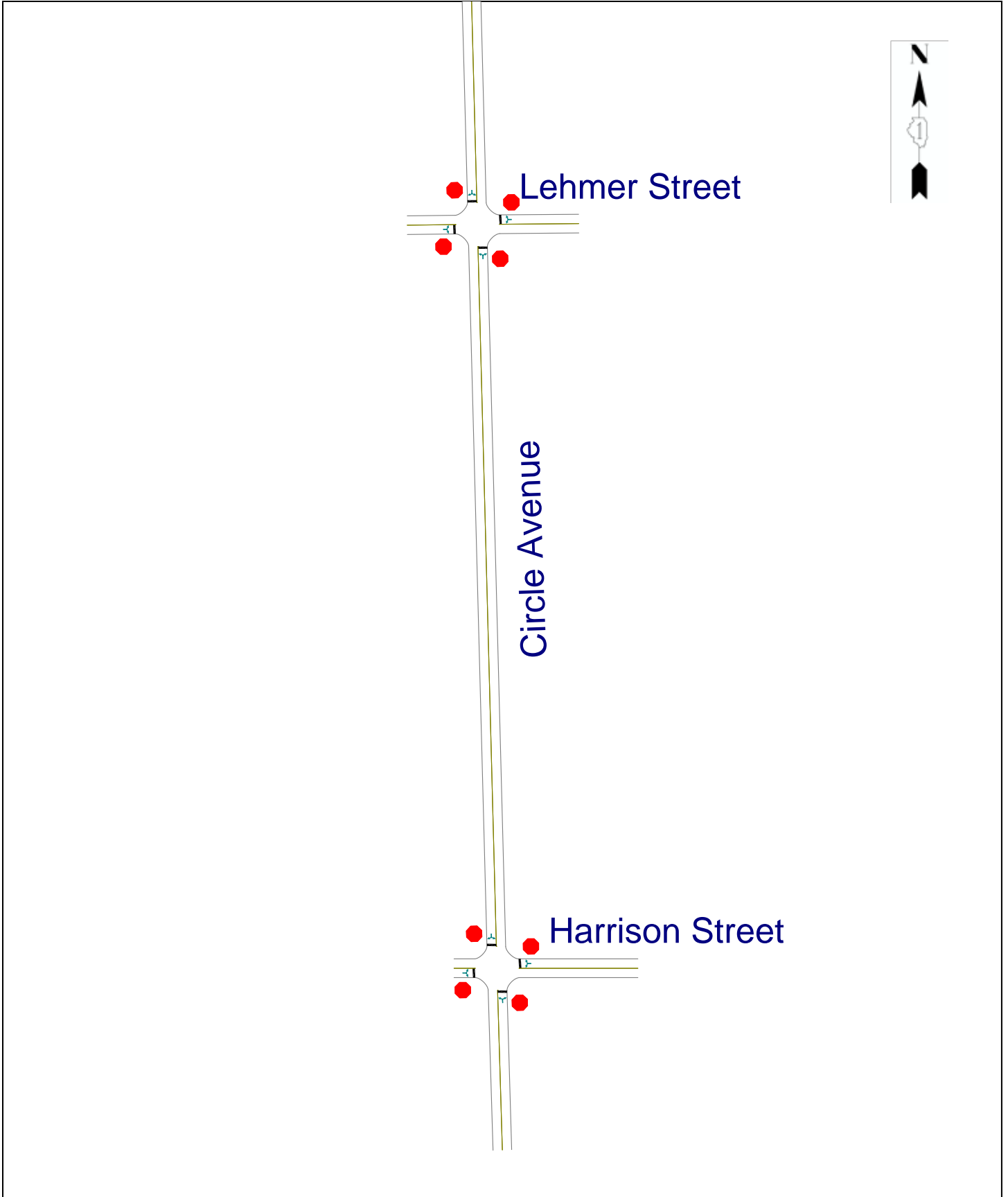
1st Avenue over I-290
Existing Lane Configuration

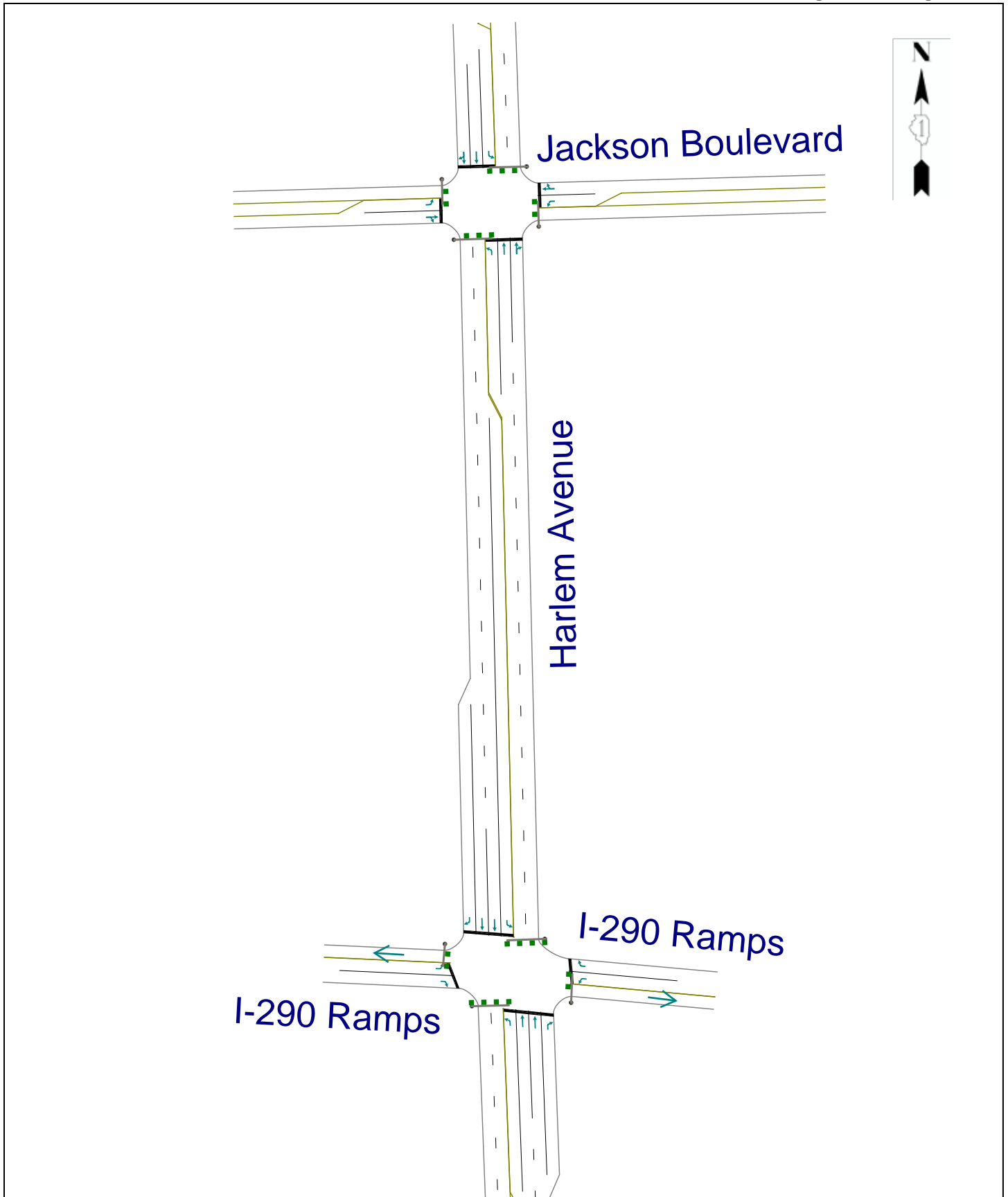


Des Plaines Avenue over I-290
Existing Lane Configuration

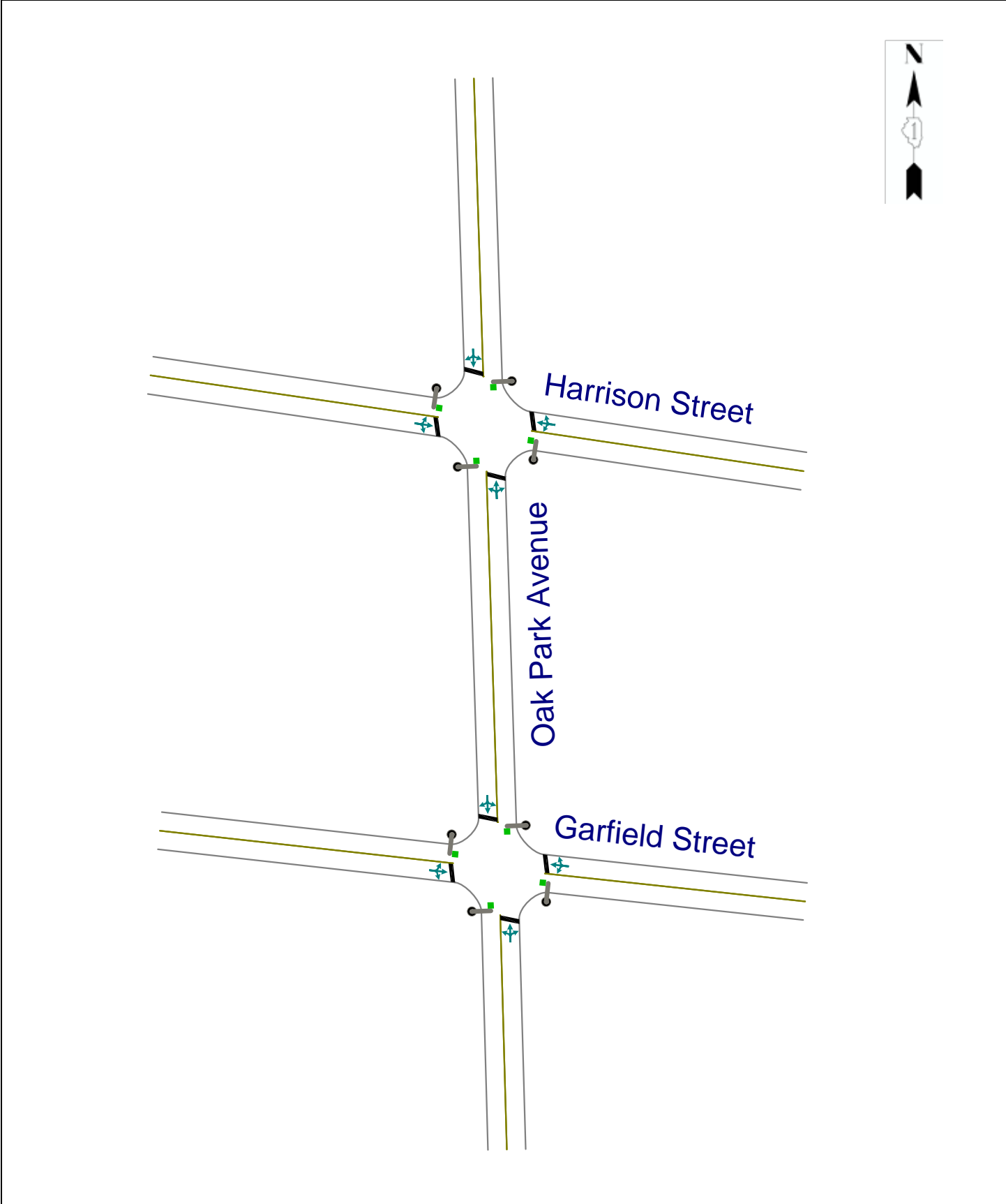


Circle Avenue over I-290
Existing Lane Configurations

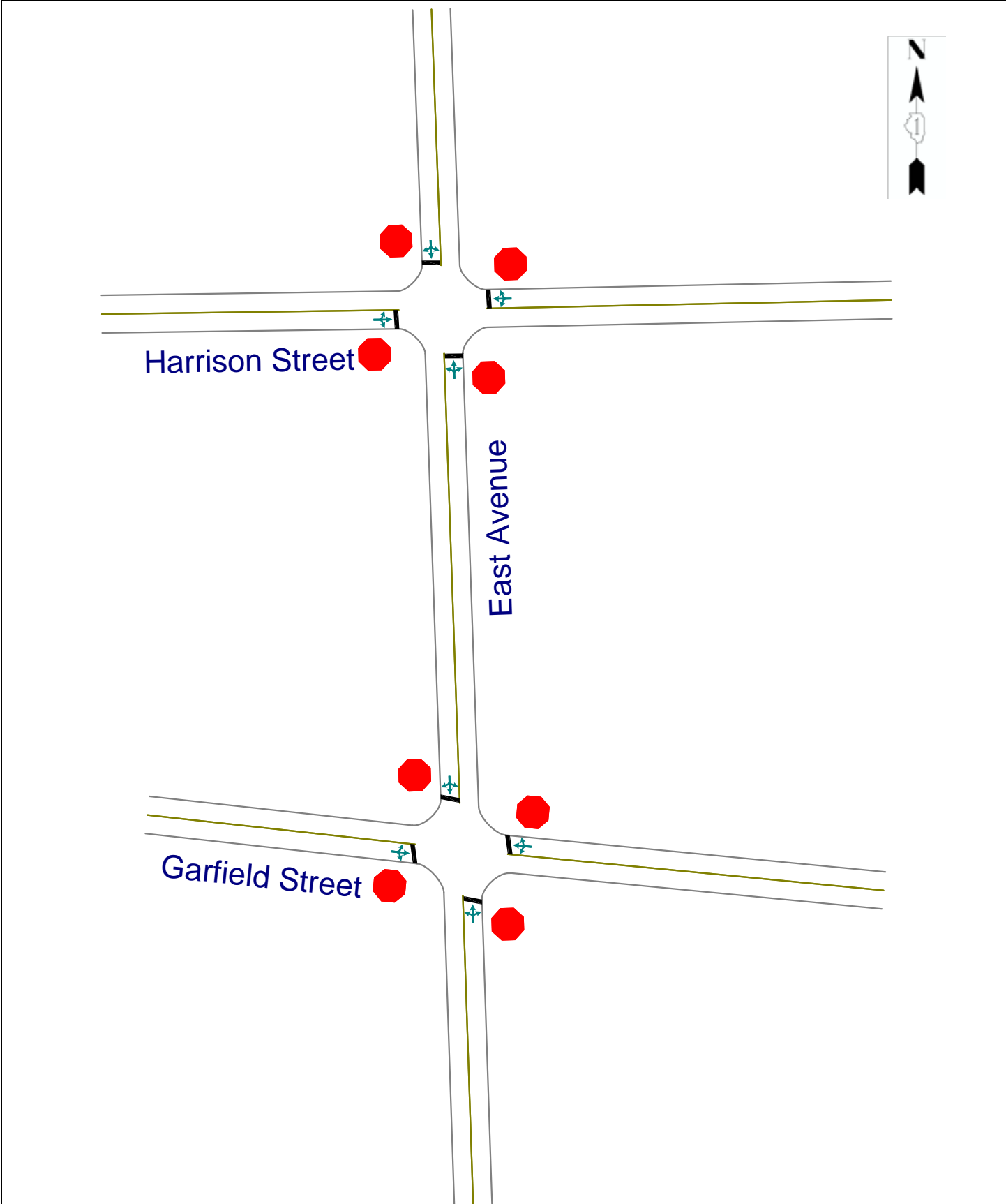




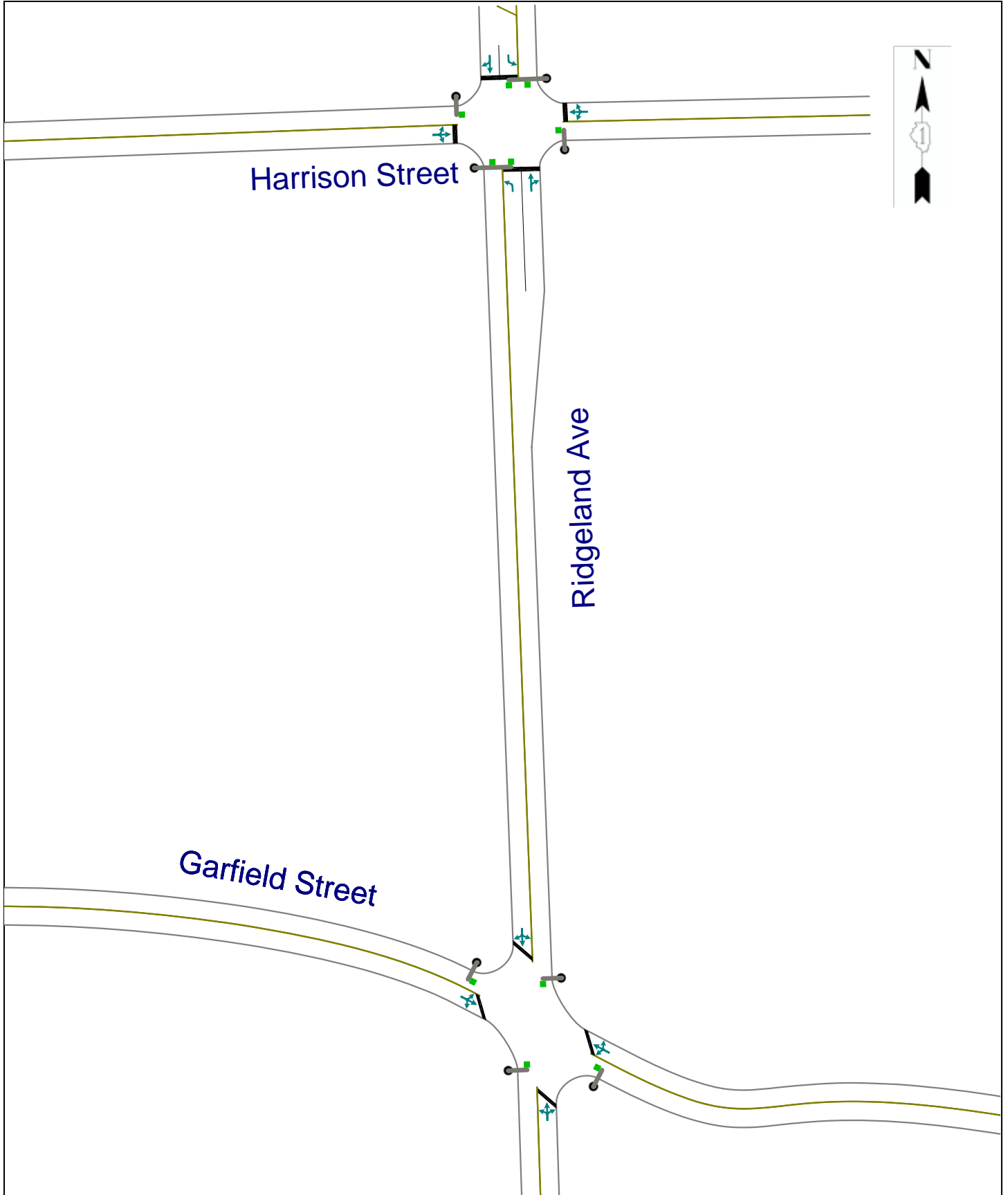
Oak Park Avenue over I-290
Existing Lane Configuration



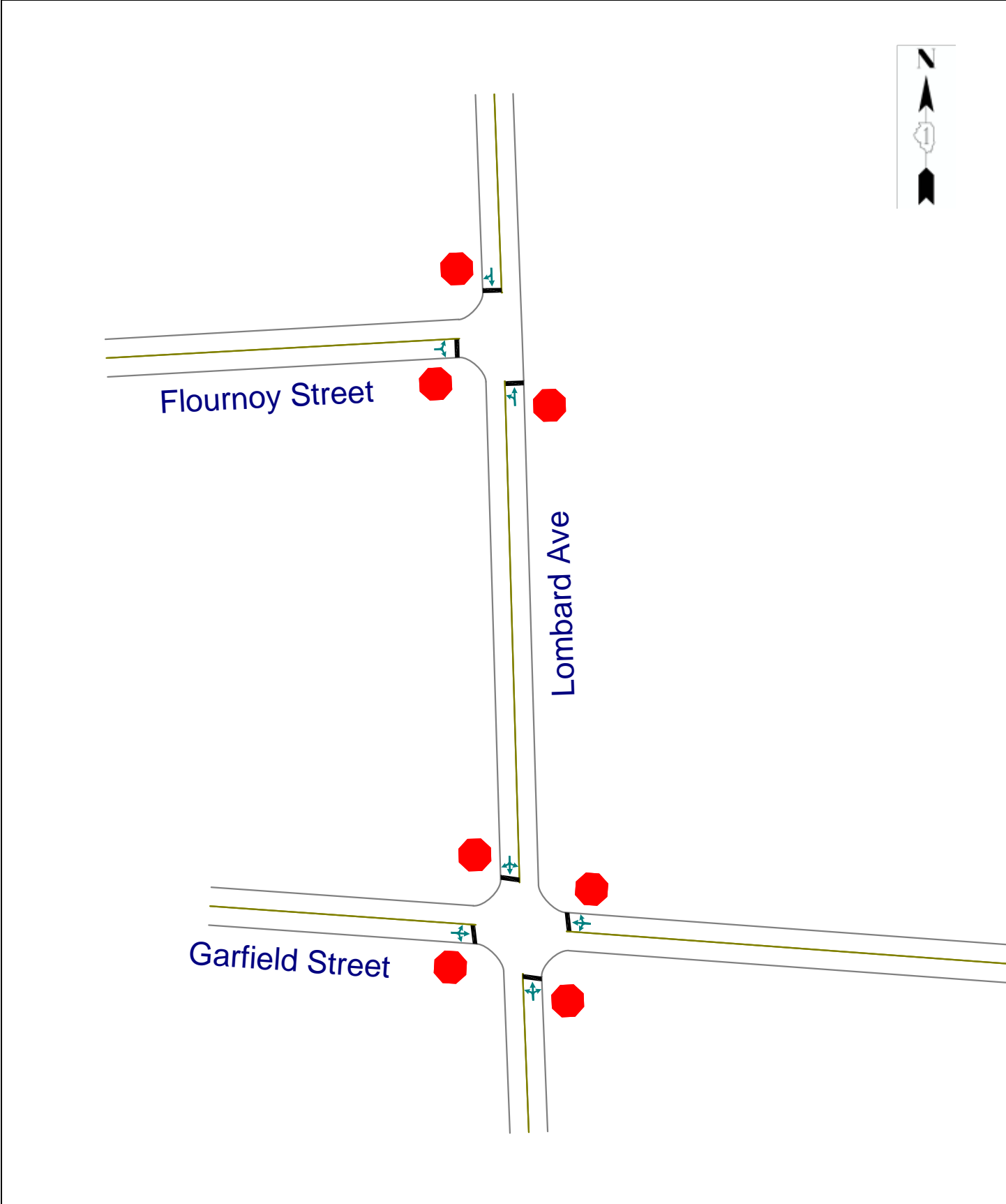
East Avenue over I-290
Existing Lane Configuration



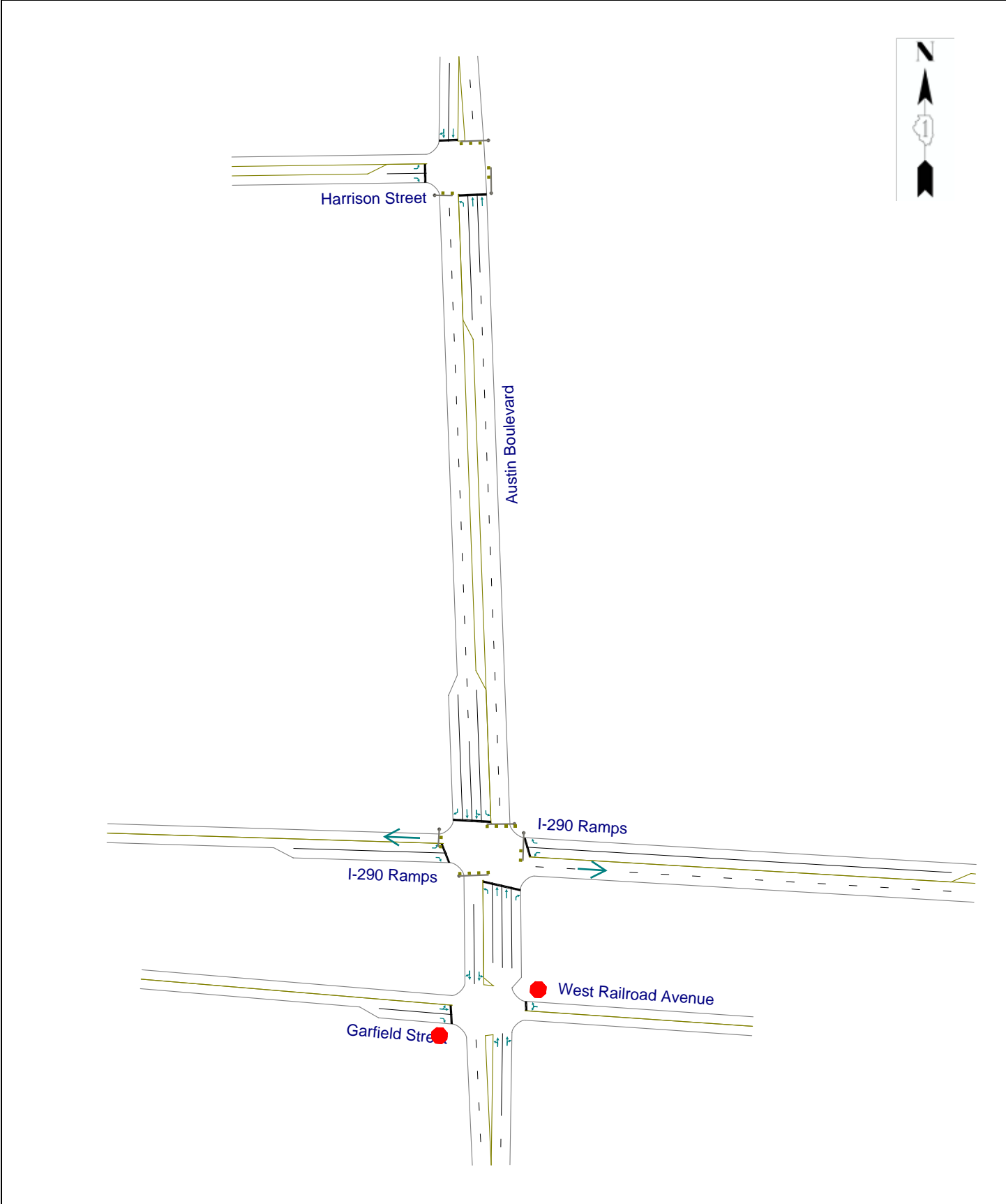
Ridgeland Avenue over I-290
Existing Lane Configuration



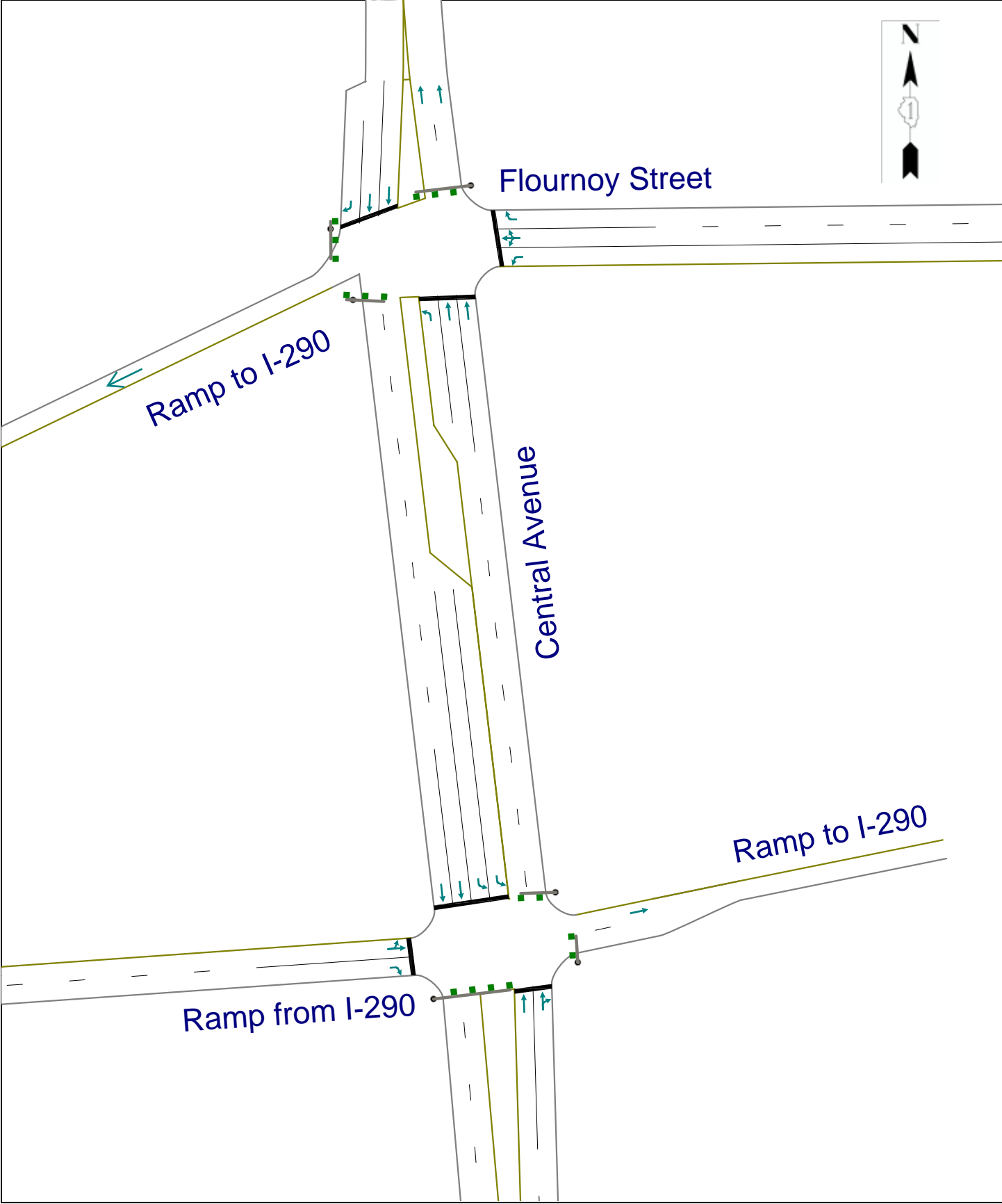
Lombard Avenue over I-290
Existing Lane Configuration



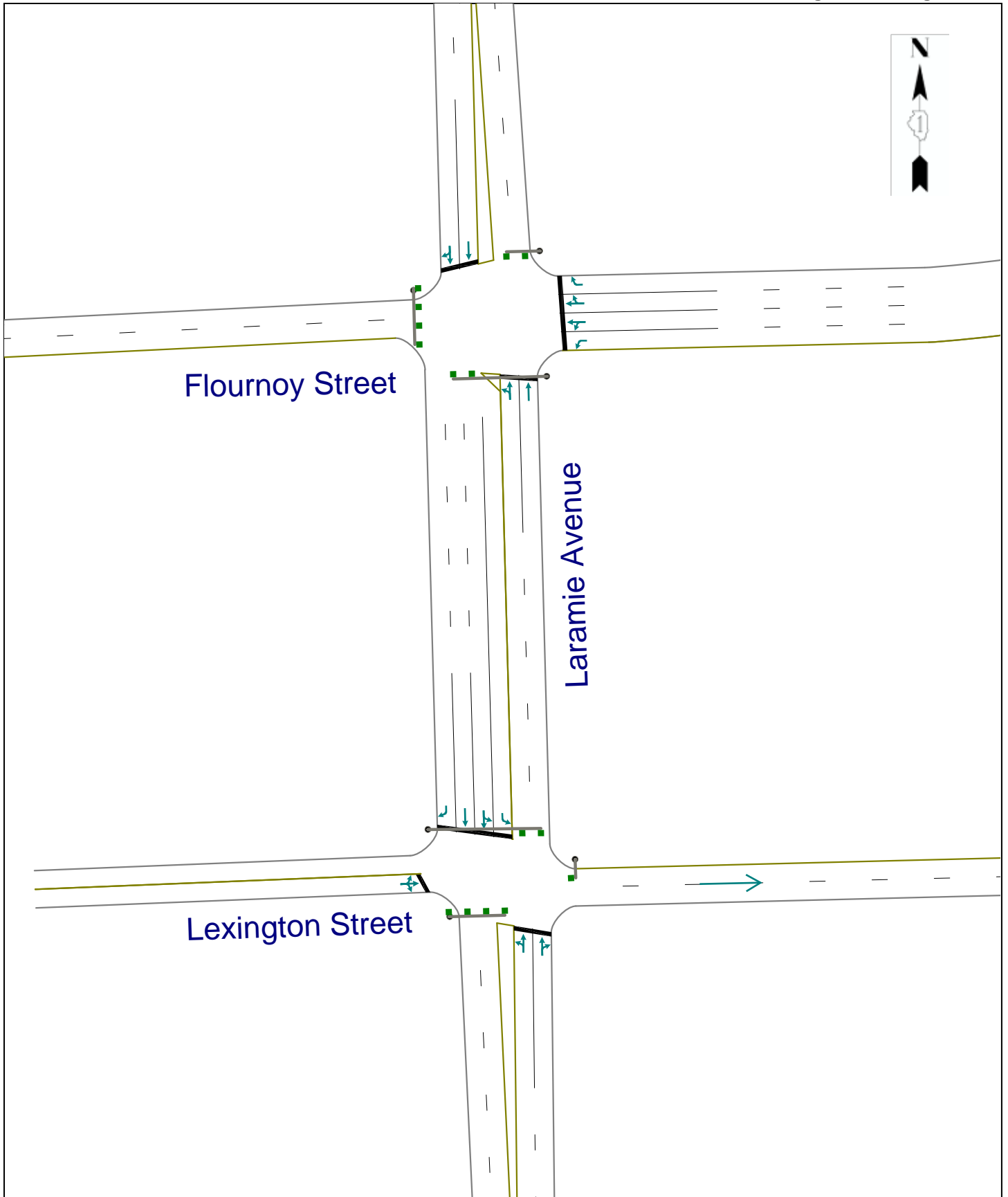
Austin Boulevard over I-290
Existing Lane Configuration



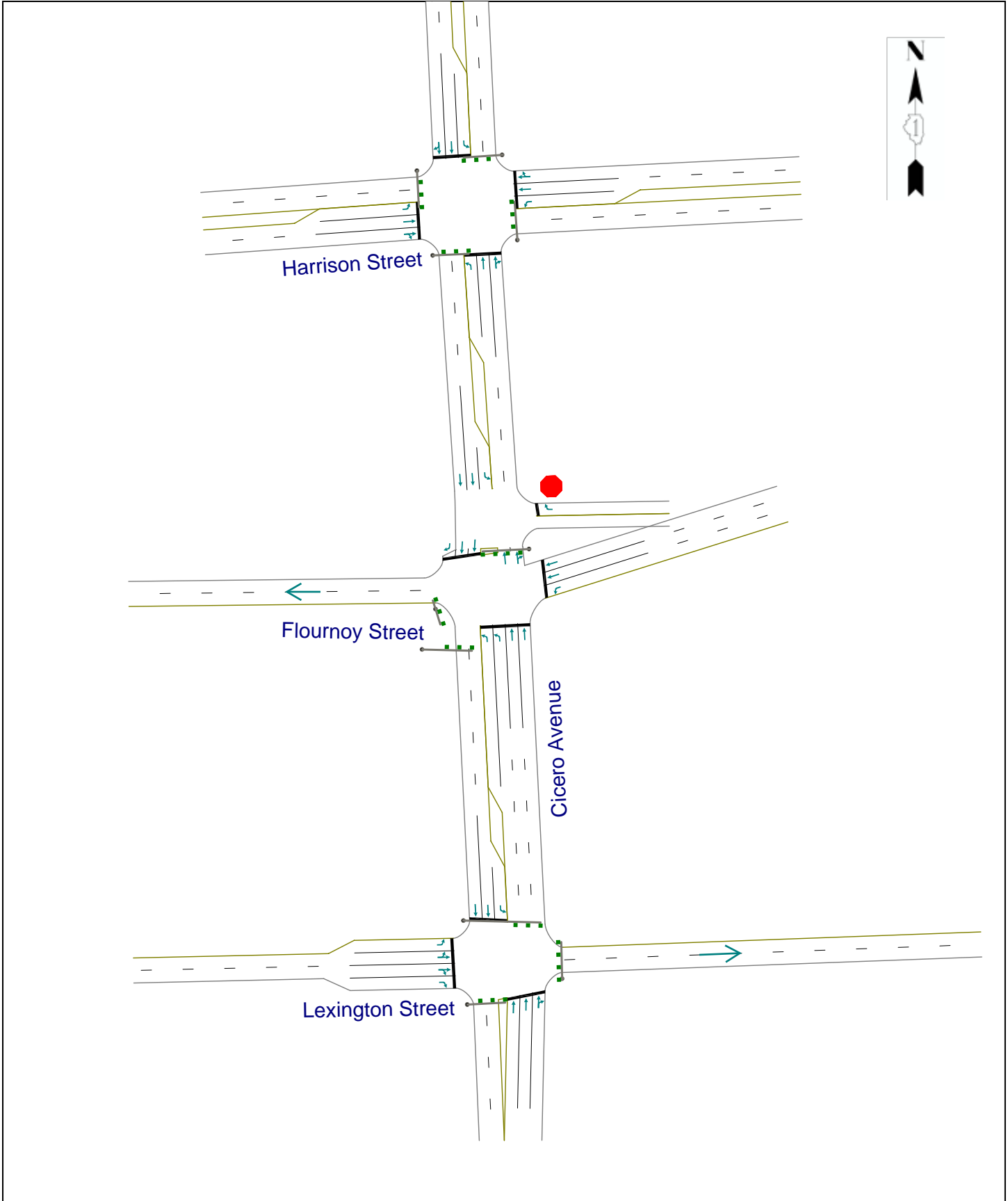
Central Avenue under I-290
Existing Lane Configuration



Laramie Avenue over I-290
Existing Lane Configuration

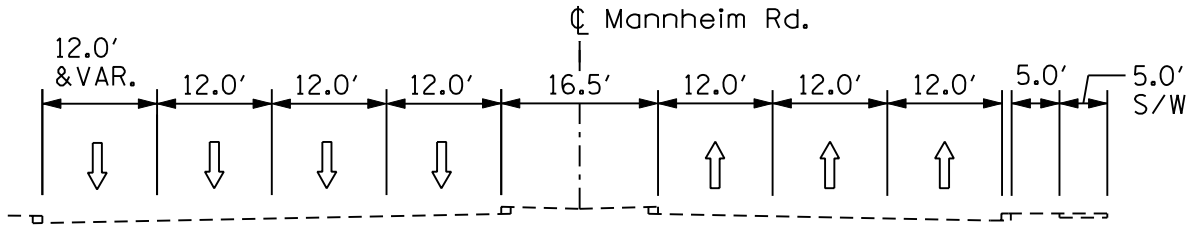


Cicero Avenue over I-290
Existing Lane Configuration

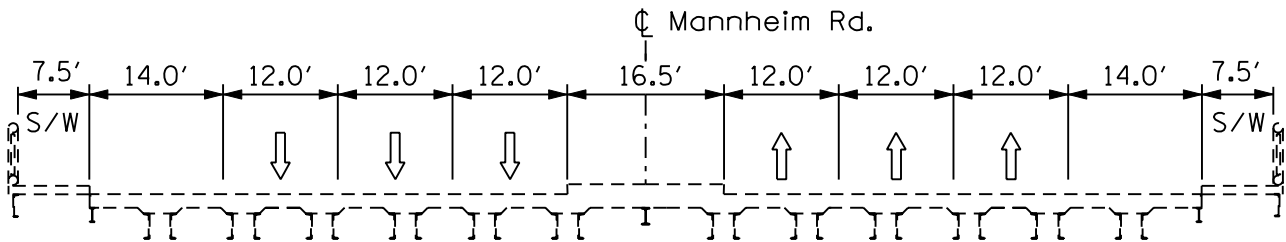


Appendix D

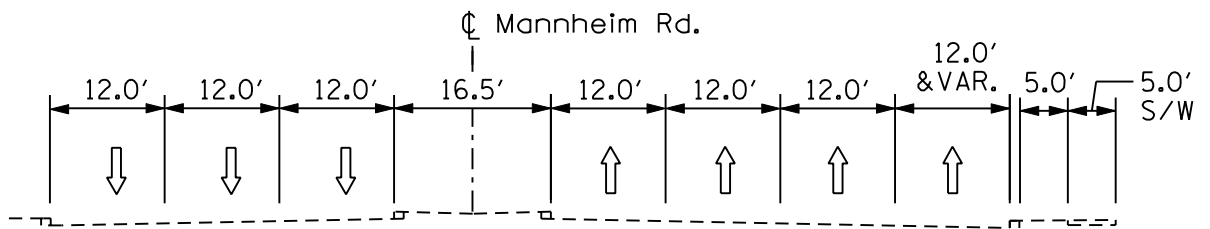
Cross Road Typical Sections



NORTH EXISTING TYPICAL SECTION



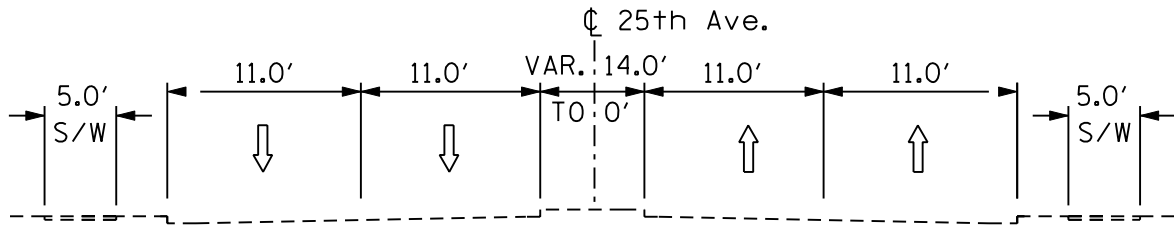
EXISTING TYPICAL SECTION AT BRIDGE



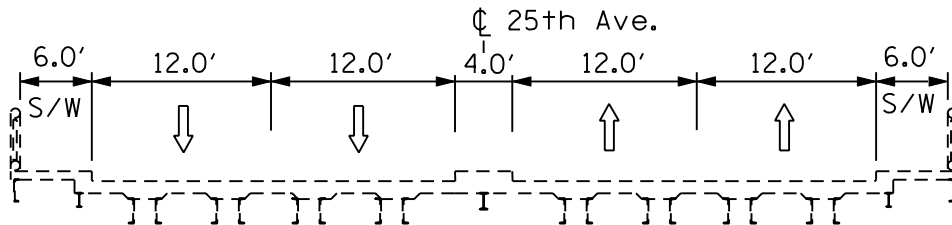
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

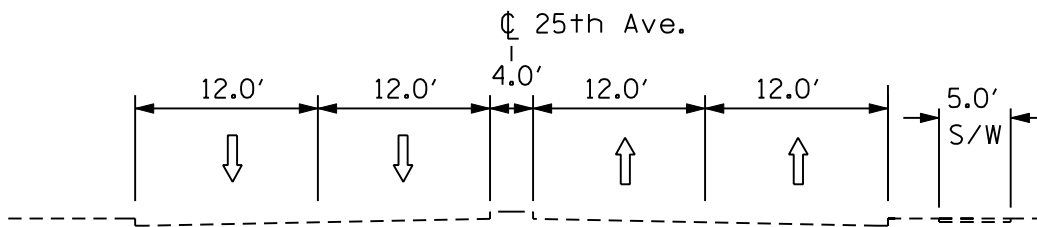
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING MANNHEIM ROAD**



NORTH EXISTING TYPICAL SECTION



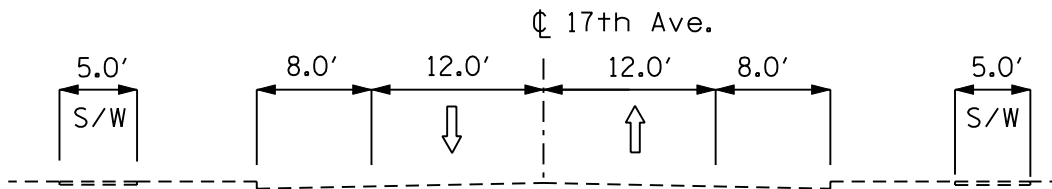
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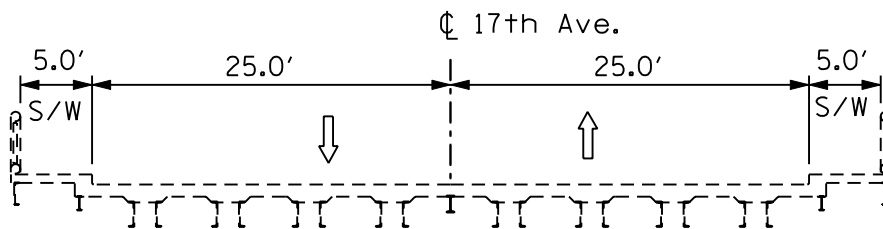
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**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

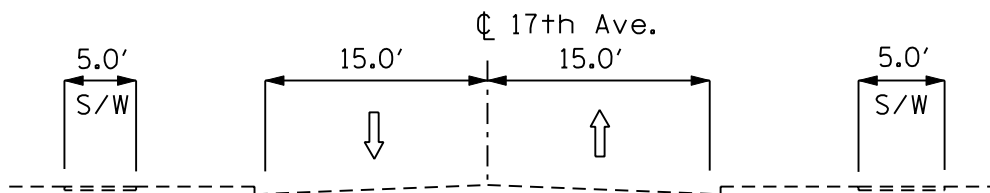
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING 25TH STREET**



NORTH EXISTING TYPICAL SECTION



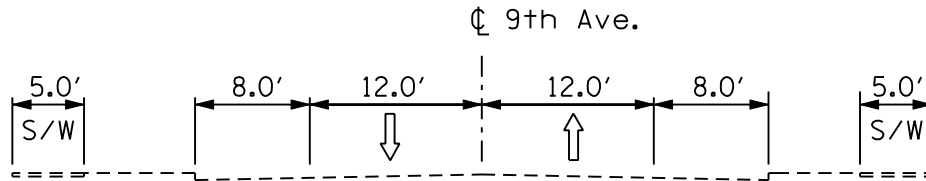
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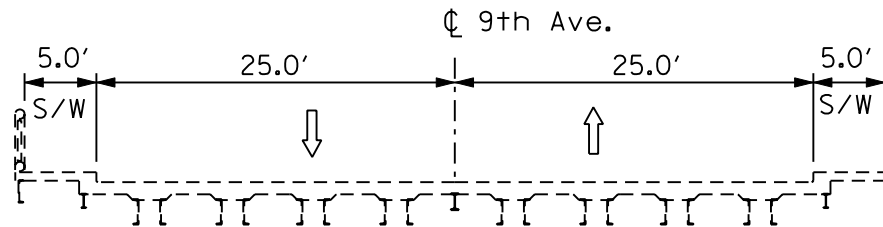
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

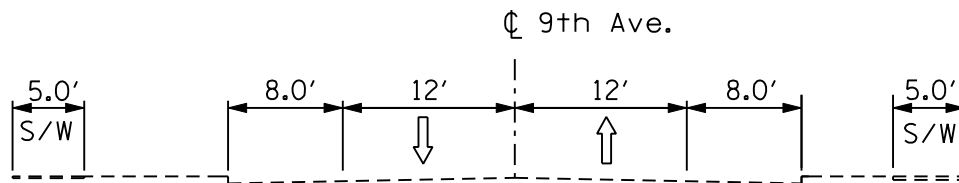
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING 17th AVENUE**



NORTH EXISTING TYPICAL SECTION



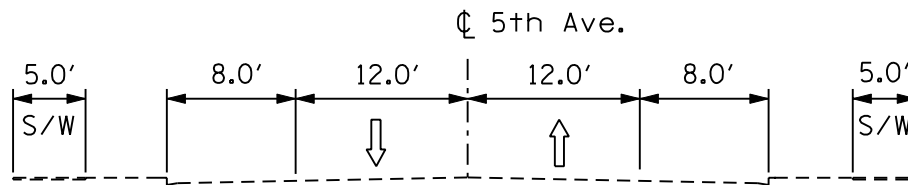
EXISTING TYPICAL SECTION AT BRIDGE



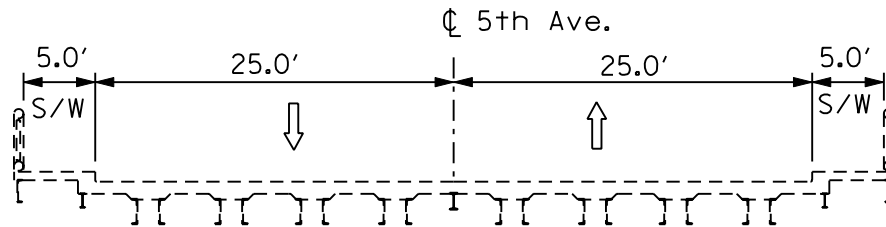
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

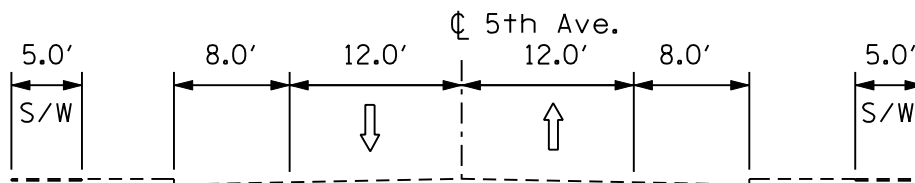
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING 9th AVENUE**



NORTH EXISTING TYPICAL SECTION



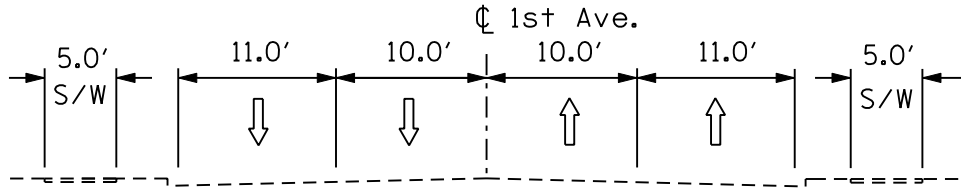
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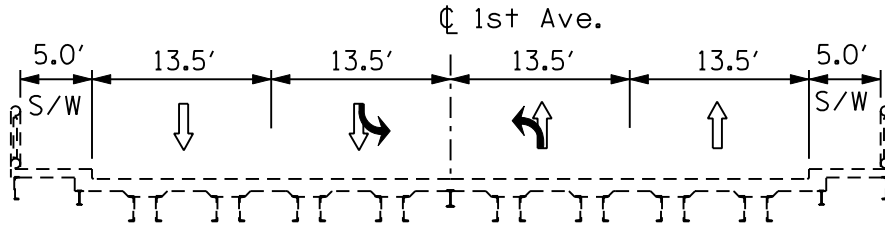
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

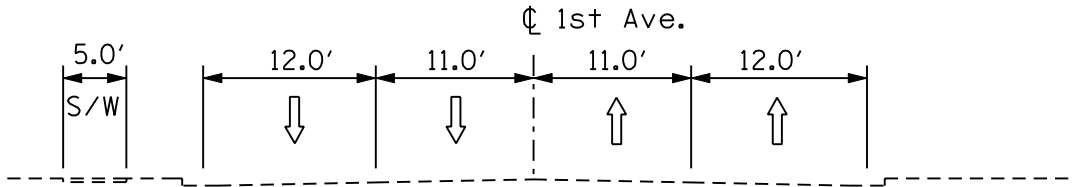
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING 5th AVENUE**



NORTH EXISTING TYPICAL SECTION



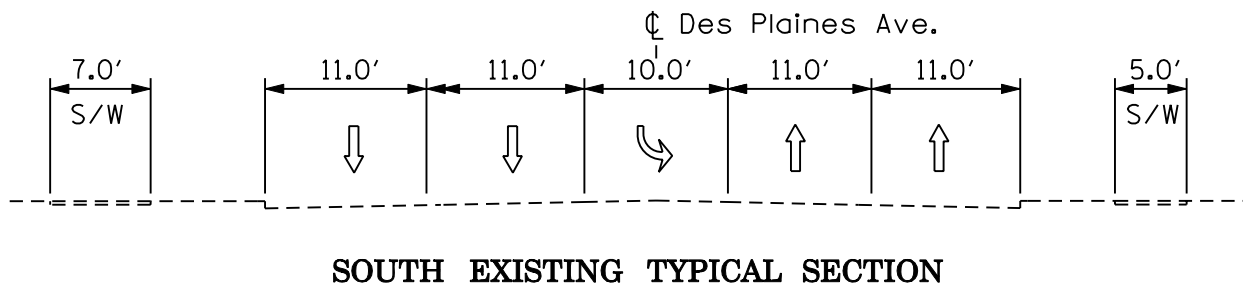
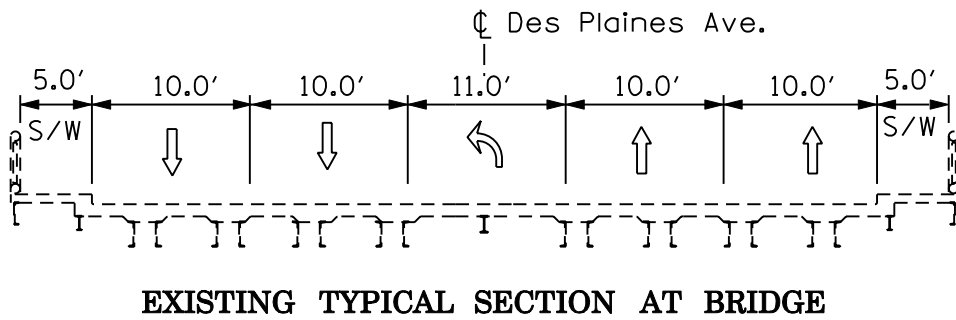
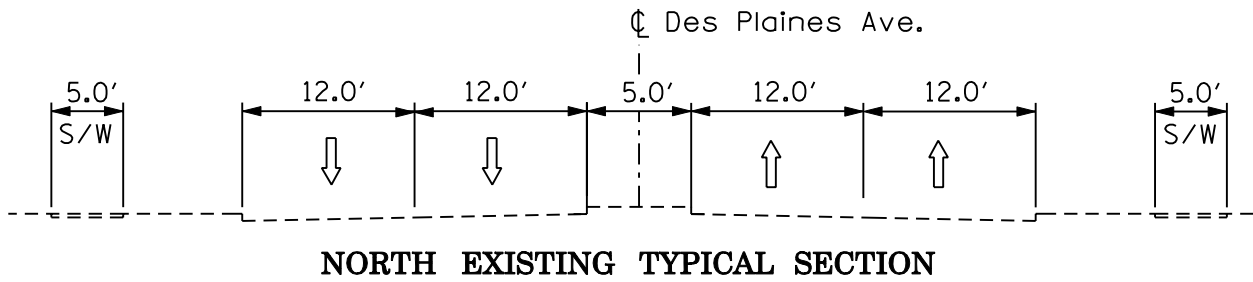
EXISTING TYPICAL SECTION AT BRIDGE



SOUTH EXISTING TYPICAL SECTION

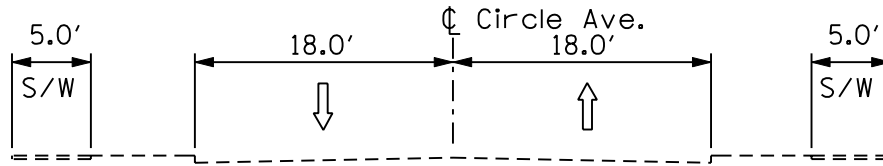
**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING 1st AVENUE**

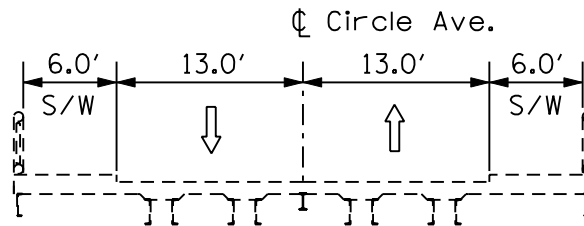


**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

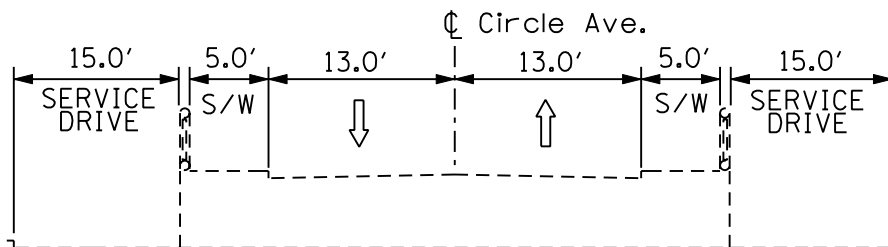
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING DES PLAINES AVENUE**



NORTH EXISTING TYPICAL SECTION



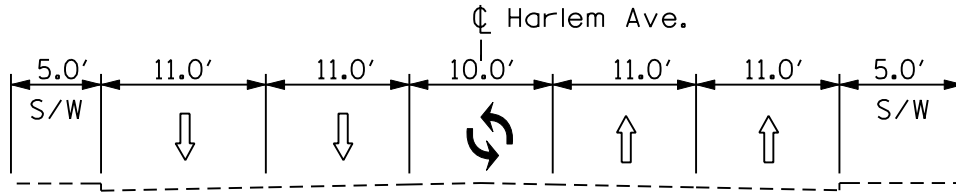
EXISTING TYPICAL SECTION AT BRIDGE



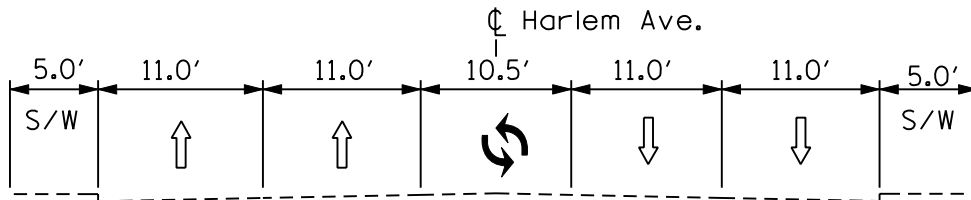
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

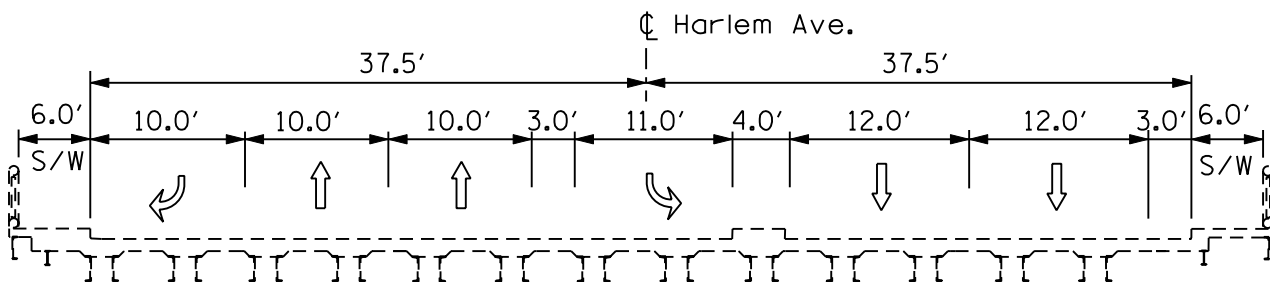
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING CIRCLE AVENUE**



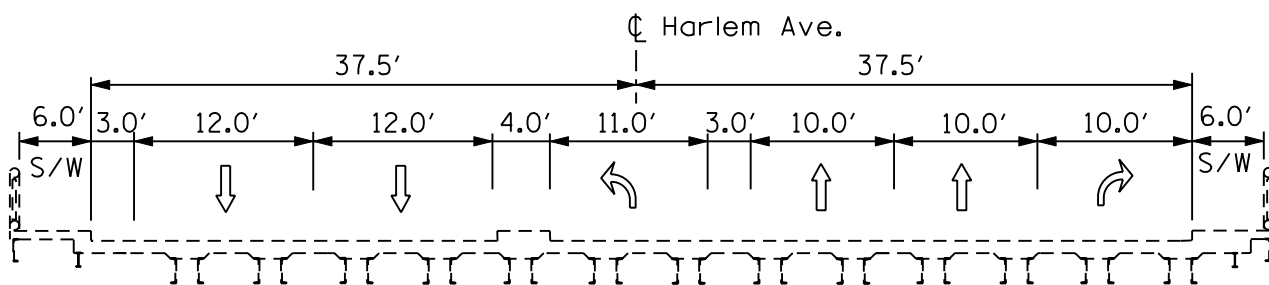
NORTH EXISTING TYPICAL SECTION



SOUTH EXISTING TYPICAL SECTION



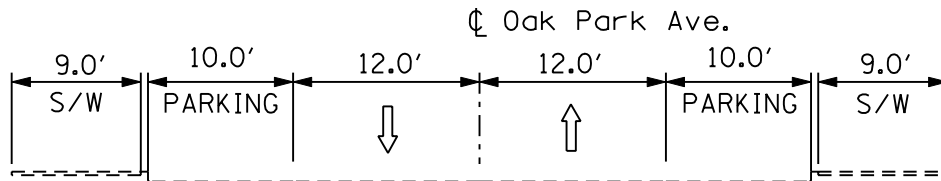
**EXISTING TYPICAL SECTION
(NORTH OF THE RAMPS)**



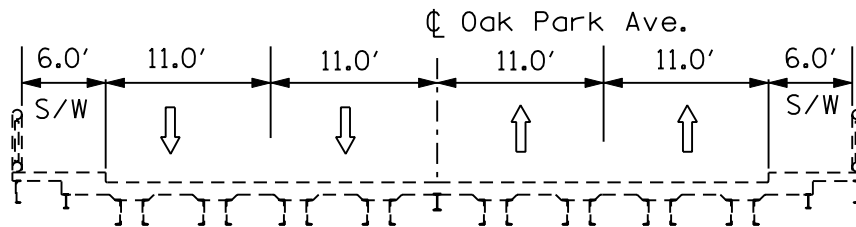
**EXISTING TYPICAL SECTION
(SOUTH OF THE RAMPS)**

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

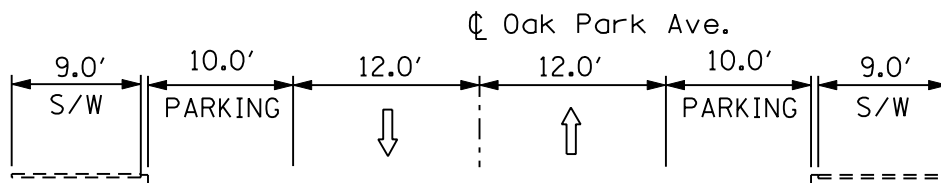
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING HARLEM AVENUE**



NORTH EXISTING TYPICAL SECTION



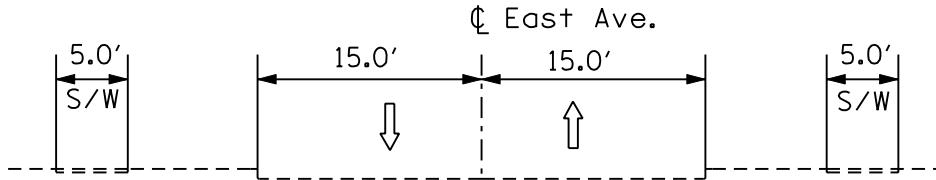
EXISTING TYPICAL SECTION AT BRIDGE



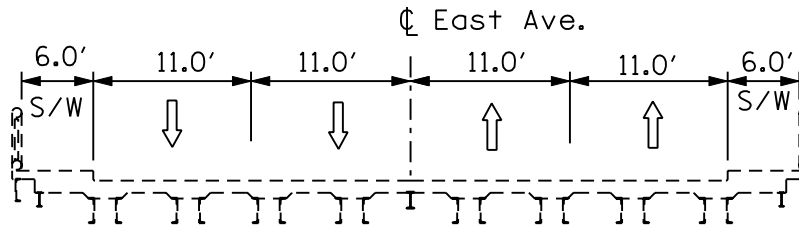
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

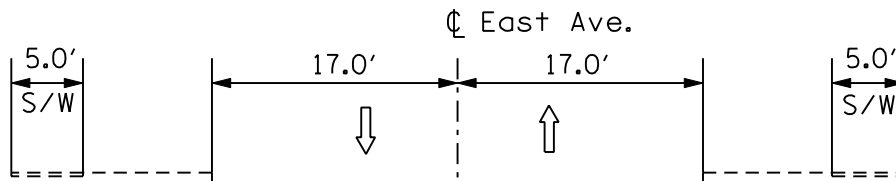
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING OAK PARK AVENUE**



NORTH EXISTING TYPICAL SECTION



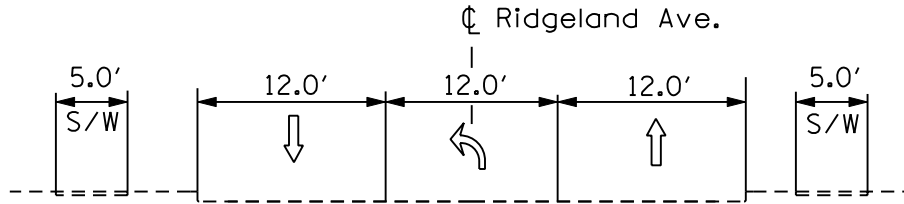
EXISTING TYPICAL SECTION AT BRIDGE



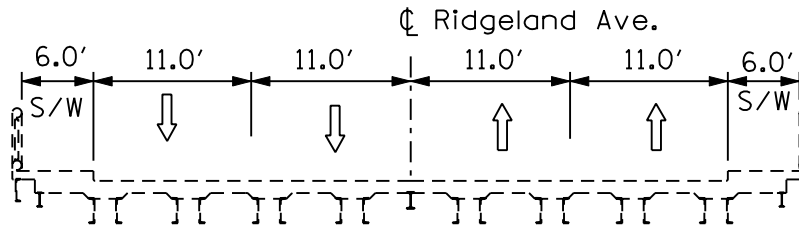
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

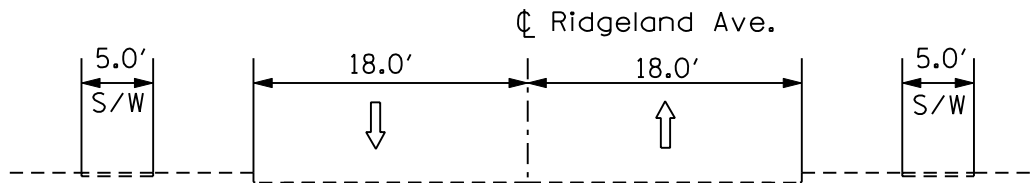
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING EAST AVENUE**



NORTH EXISTING TYPICAL SECTION



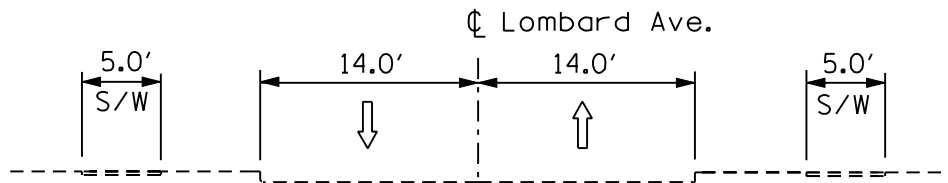
EXISTING TYPICAL SECTION AT BRIDGE



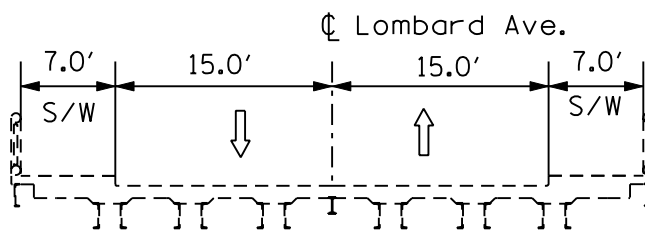
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

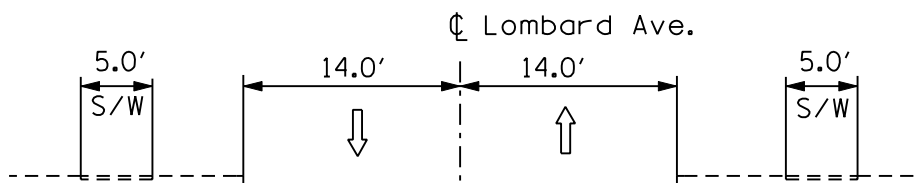
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING RIDGELAND AVENUE**



SOUTH EXISTING TYPICAL SECTION



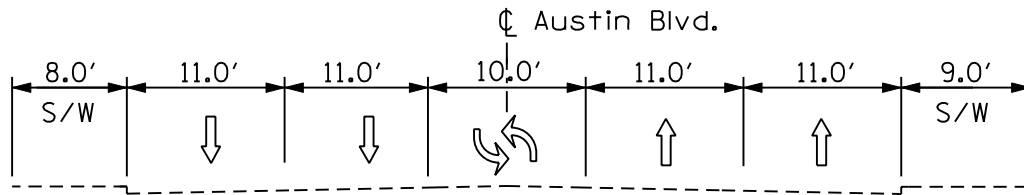
EXISTING TYPICAL SECTION AT BRIDGE



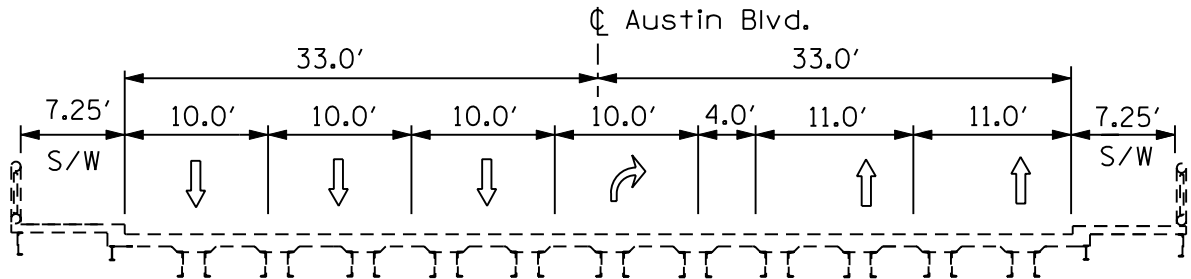
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

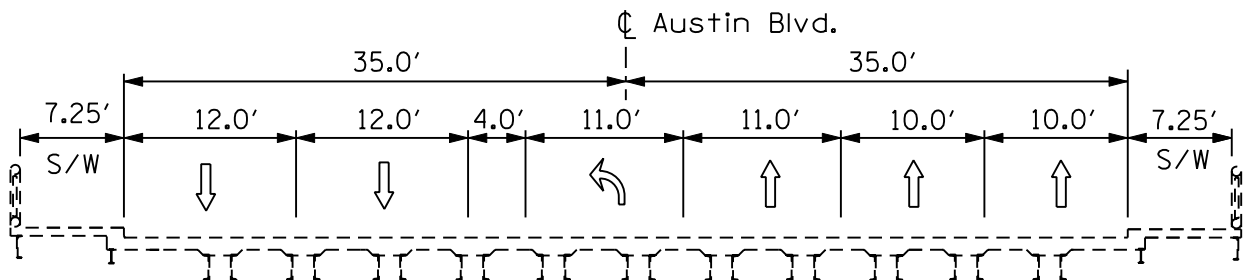
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING LOMBARD AVENUE**



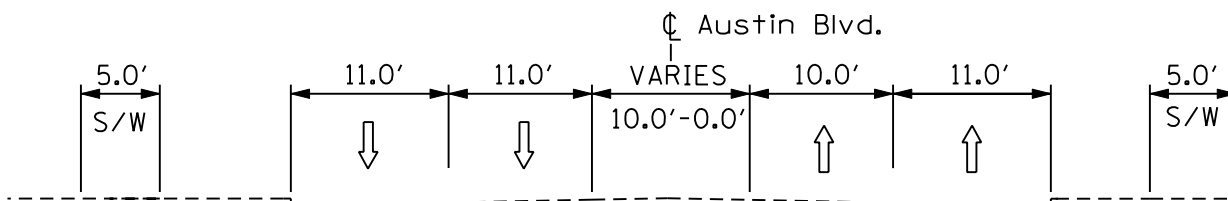
NORTH EXISTING TYPICAL SECTION



**EXISTING TYPICAL SECTION
(NORTH OF THE RAMPS)**



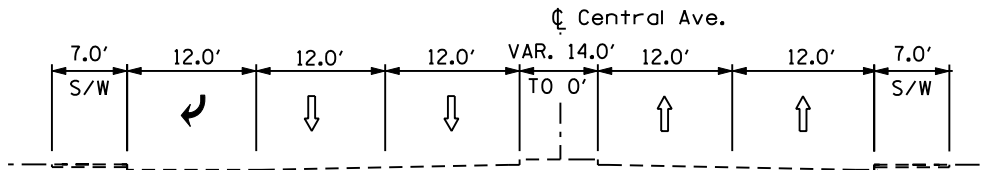
**EXISTING TYPICAL SECTION
(SOUTH OF THE RAMPS)**



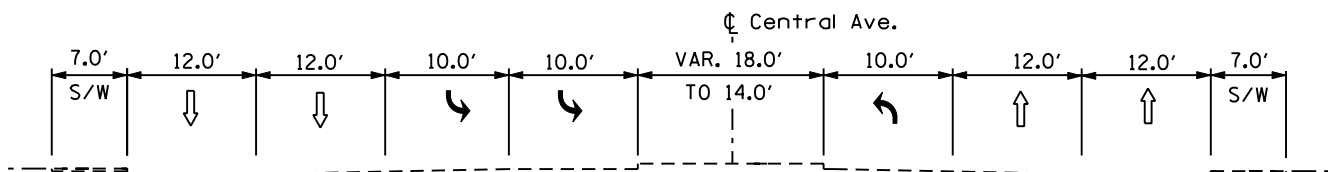
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

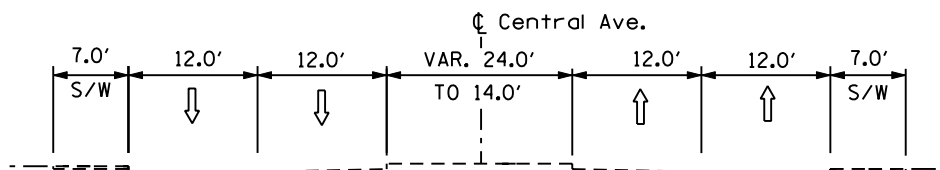
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING AUSTIN BOULEVARD**



NORTH EXISTING TYPICAL SECTION



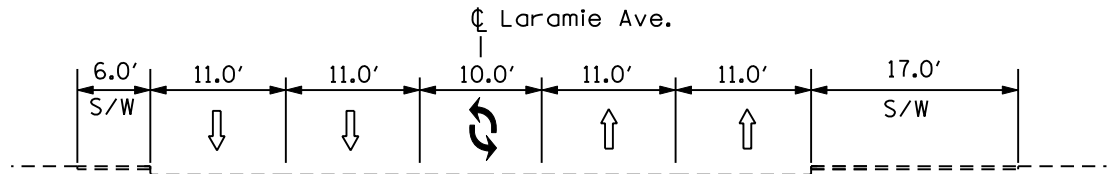
EXISTING TYPICAL SECTION AT BRIDGE



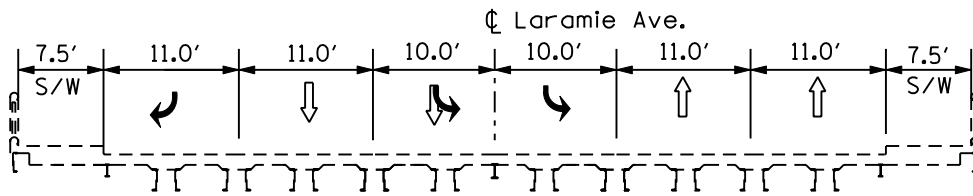
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

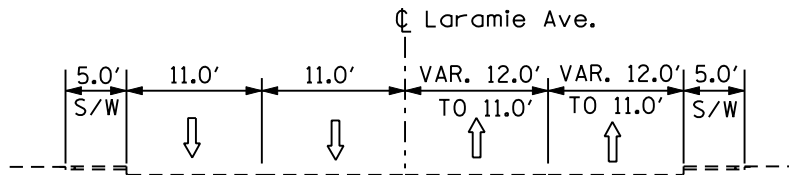
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING CENTRAL AVENUE**



NORTH EXISTING TYPICAL SECTION



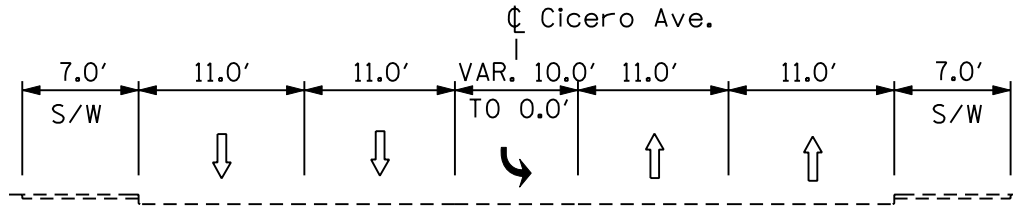
EXISTING TYPICAL SECTION AT BRIDGE



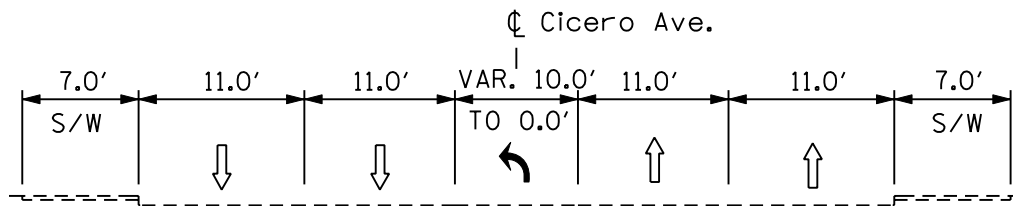
SOUTH EXISTING TYPICAL SECTION

**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

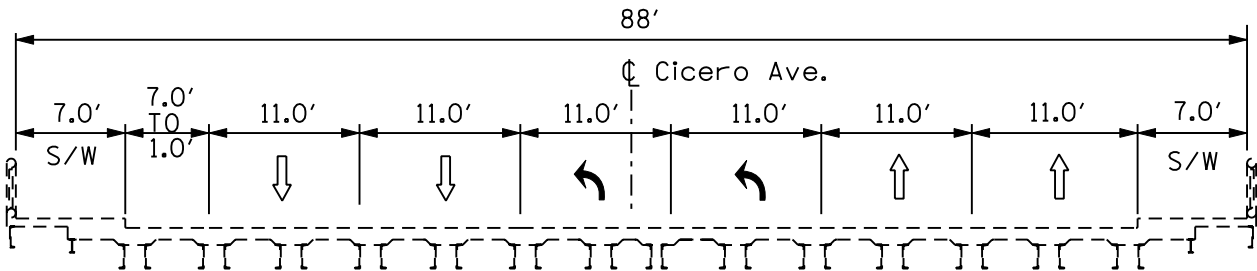
**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING LARAMIE AVENUE**



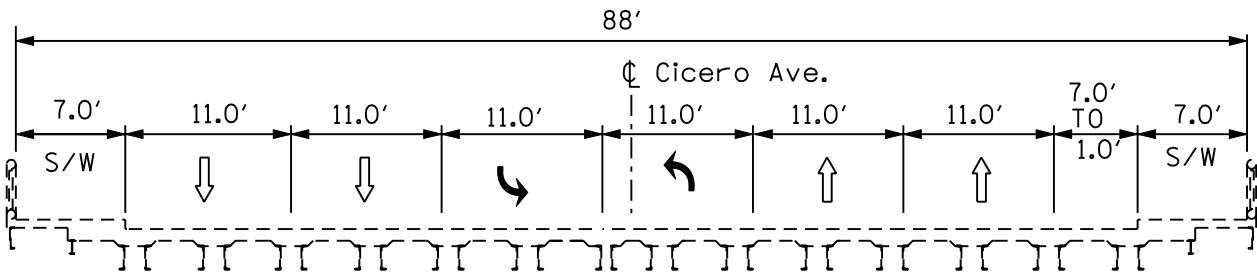
NORTH EXISTING TYPICAL SECTION



SOUTH EXISTING TYPICAL SECTION



**EXISTING TYPICAL SECTION AT BRIDGE
(NB CICERO AVE. TO WB I-290)**



**EXISTING TYPICAL SECTION AT BRIDGE
(SB CICERO AVE. TO EB I-290)**

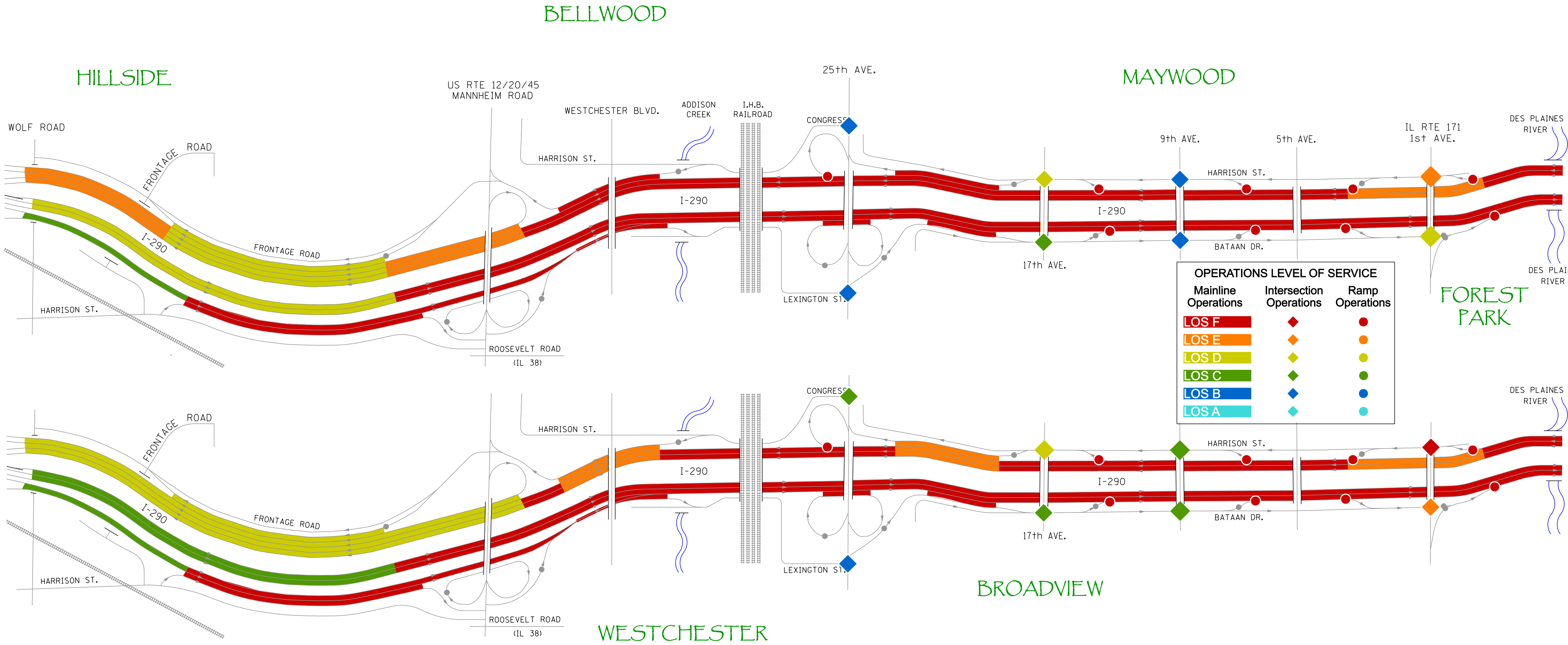
**I-290 PHASE I STUDY
EXISTING CONDITIONS REPORT**

**I-290 CROSSROAD TYPICAL SECTIONS
EXISTING CICERO AVENUE**

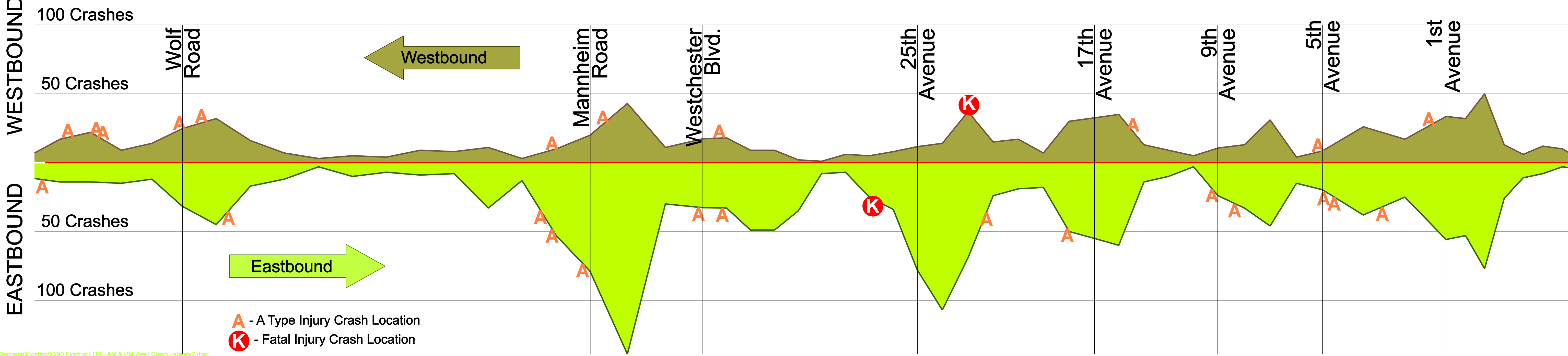
Appendix E

Study Area Operations and Crashes

I-290 EISENHOWER EXPRESSWAY STUDY AREA OPERATIONS & CRASHES



1/10 Mile 2006-2008 Crash Totals



6/30/2010
T:\16778a\Civil\Exhibits\Lane Diagrams\Existing\I-290 Existing LOS - AM & PM Peak Crash - sheets2.dgn

