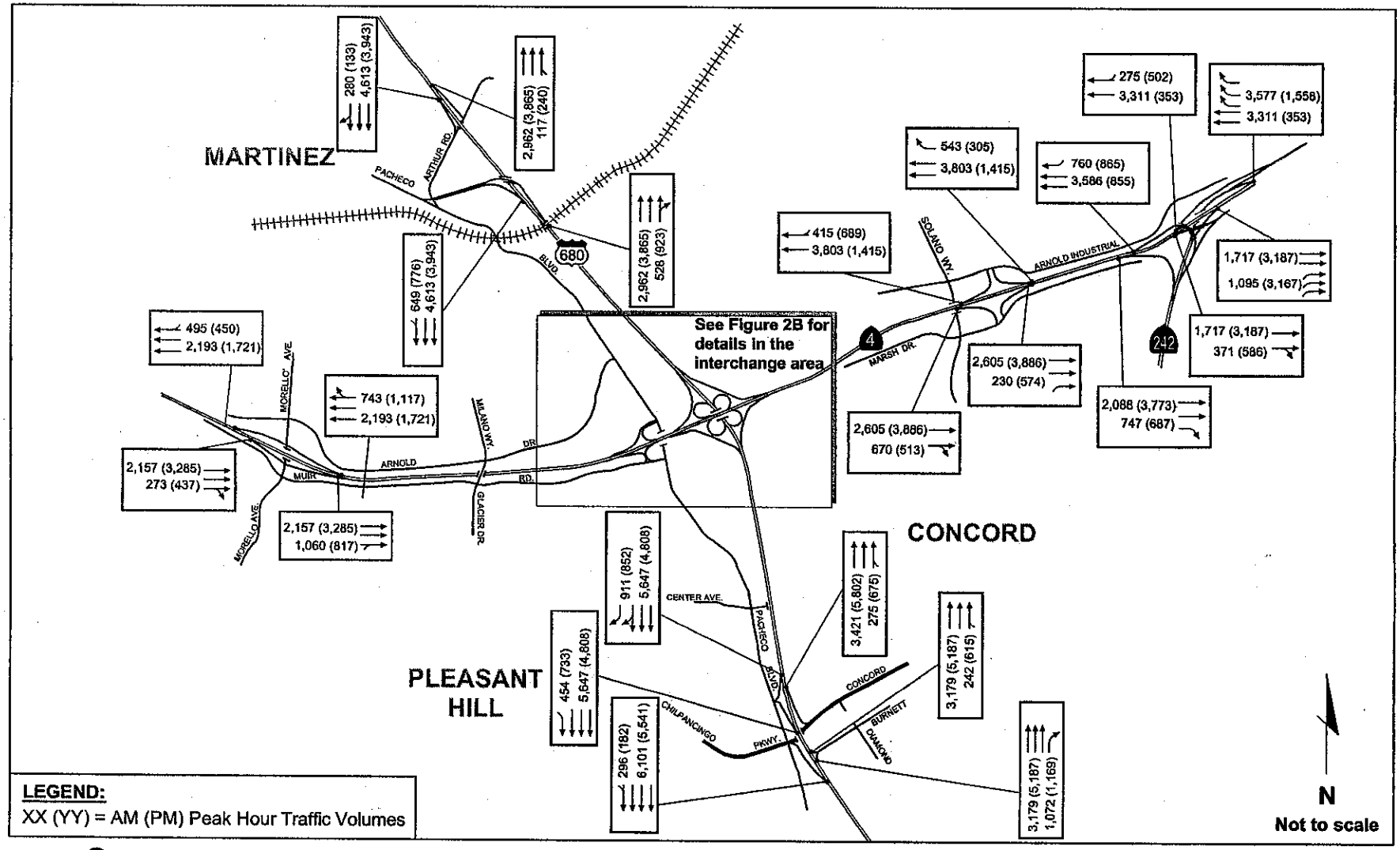
Appendix I Peak Traffic Volume Diagrams

This appendix reproduces the Freeway Peak Hour Volume and Lane Configuration diagrams from the *Traffic Analysis Report for the Interstate 680/State Route 4 Interchange Improvement Project* (Fehr and Peers 2004), showing the morning and evening peak hour volumes by directional movement. Existing and future conditions are shown. The following diagrams are included:

- Existing Conditions (Figures 2A and B)
- 2030 No Project Conditions (Figures 5A and B)
- 2030 Full Project Conditions (all five phases) (Figures 7A and B)
- 2030 Phases 1 and 2 Conditions (Figures 9A and B)
- 2030 No Slip Ramps (Figures 13A and B)

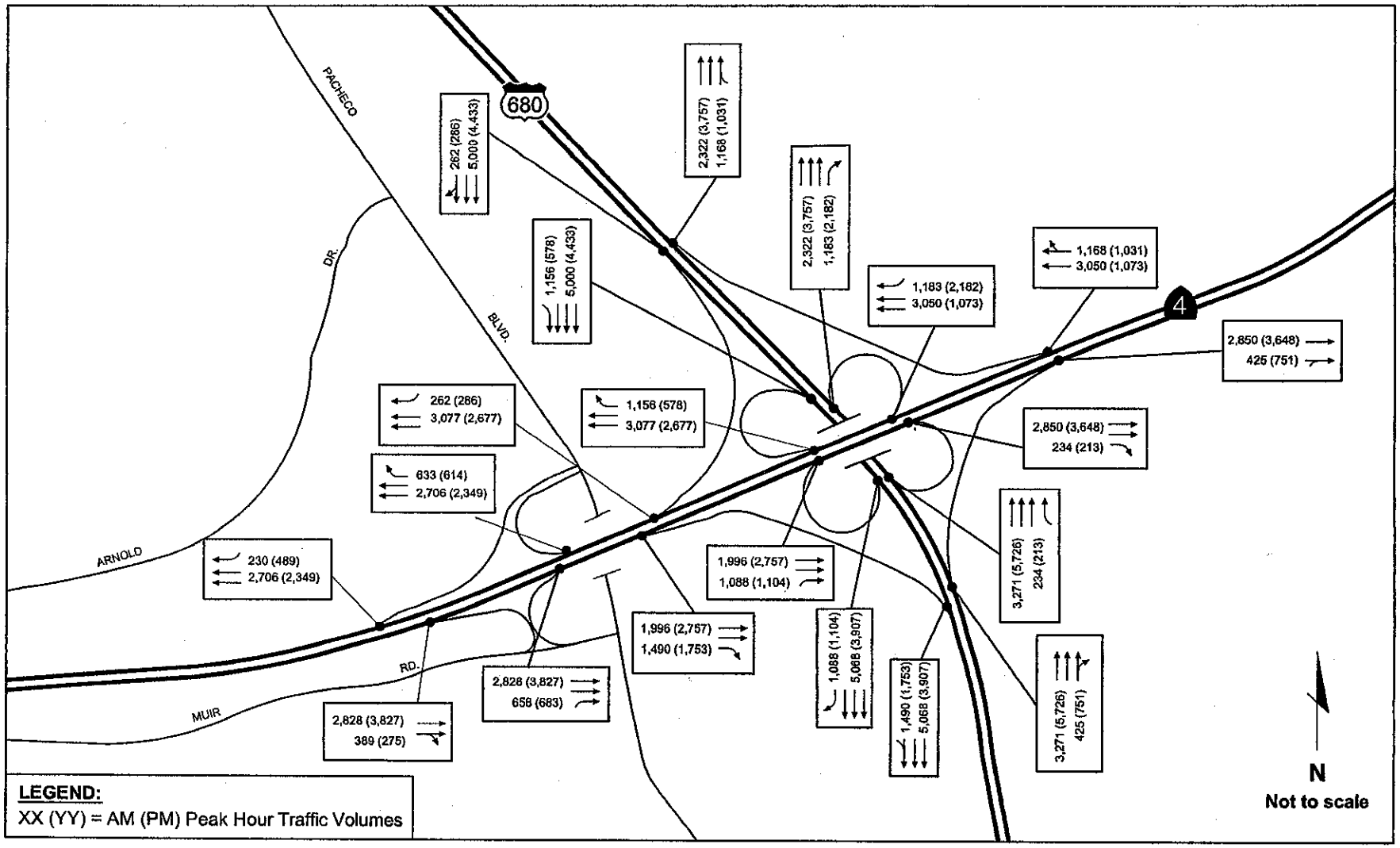


FEHR & PEERS
TRANSPORTATION CONSULTANTS

June 2004
1814-01a 1-04

I-680/SR4 Interchange

EXISTING CONDITIONS
FREEWAY PEAK HOUR VOLUMES AND LANE CONFIGURATIONS
FIGURE 2A



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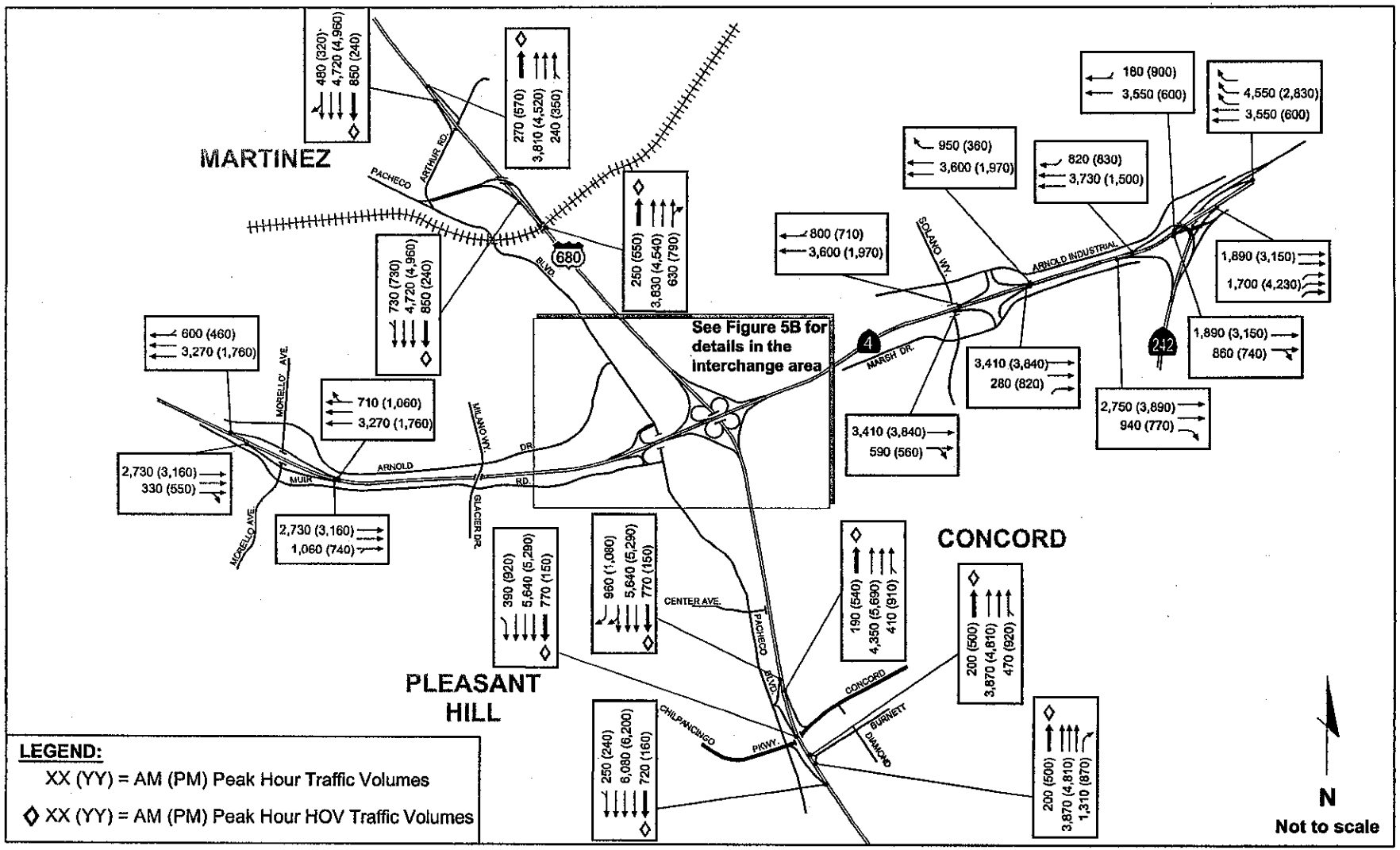
June 2004
1814-01a 1-04

I-680/SR4 Interchange

EXISTING CONDITIONS
FREEWAY PEAK HOUR VOLUMES AND LANE CONFIGURATIONS
FIGURE 2B



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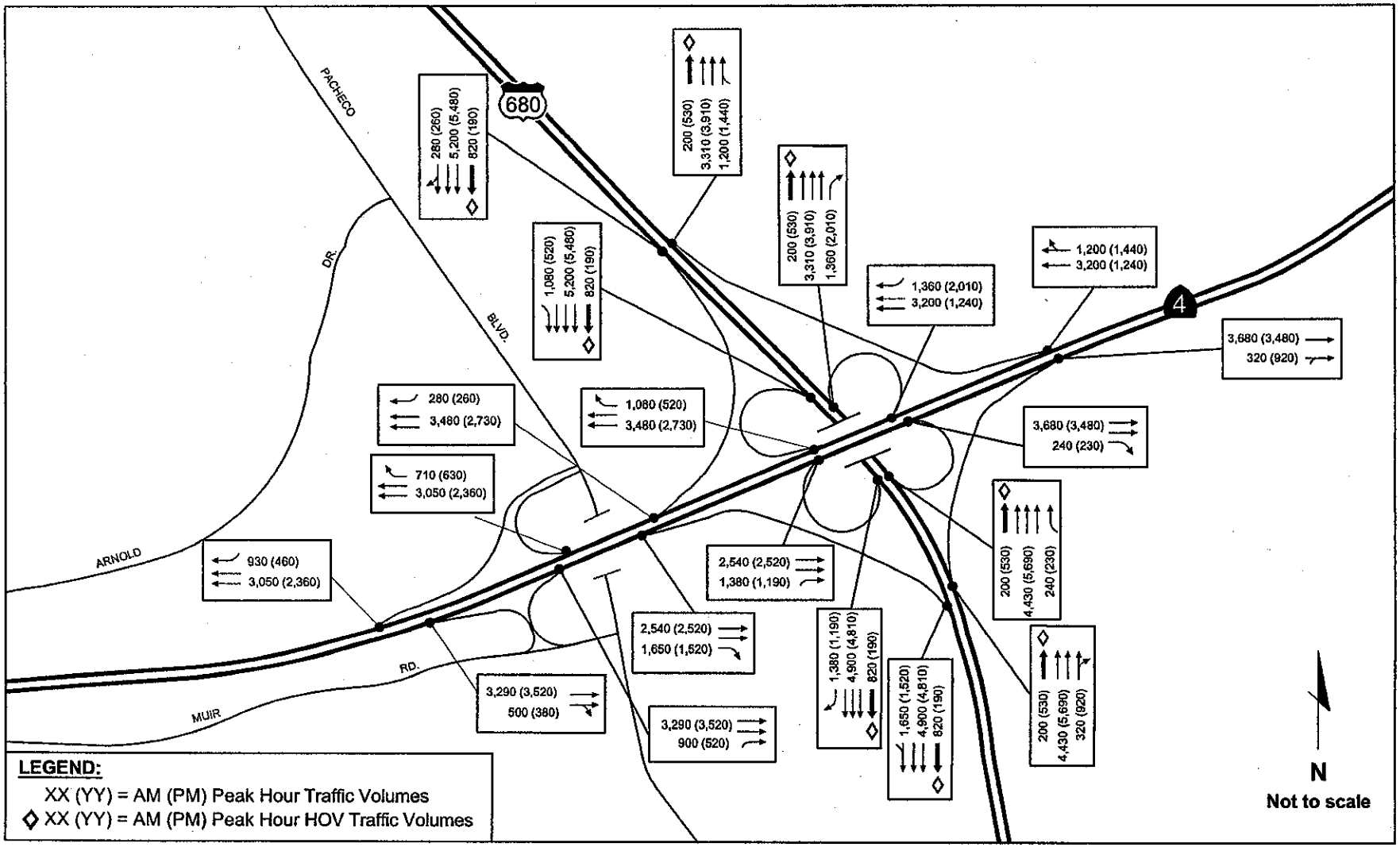
June 2004
1814-01b 1-04

I-680/SR4 Interchange

2030 NO PROJECT CONDITIONS
FREEWAY PEAK HOUR DEMAND VOLUMES AND LANE CONFIGURATIONS
FIGURE 5A



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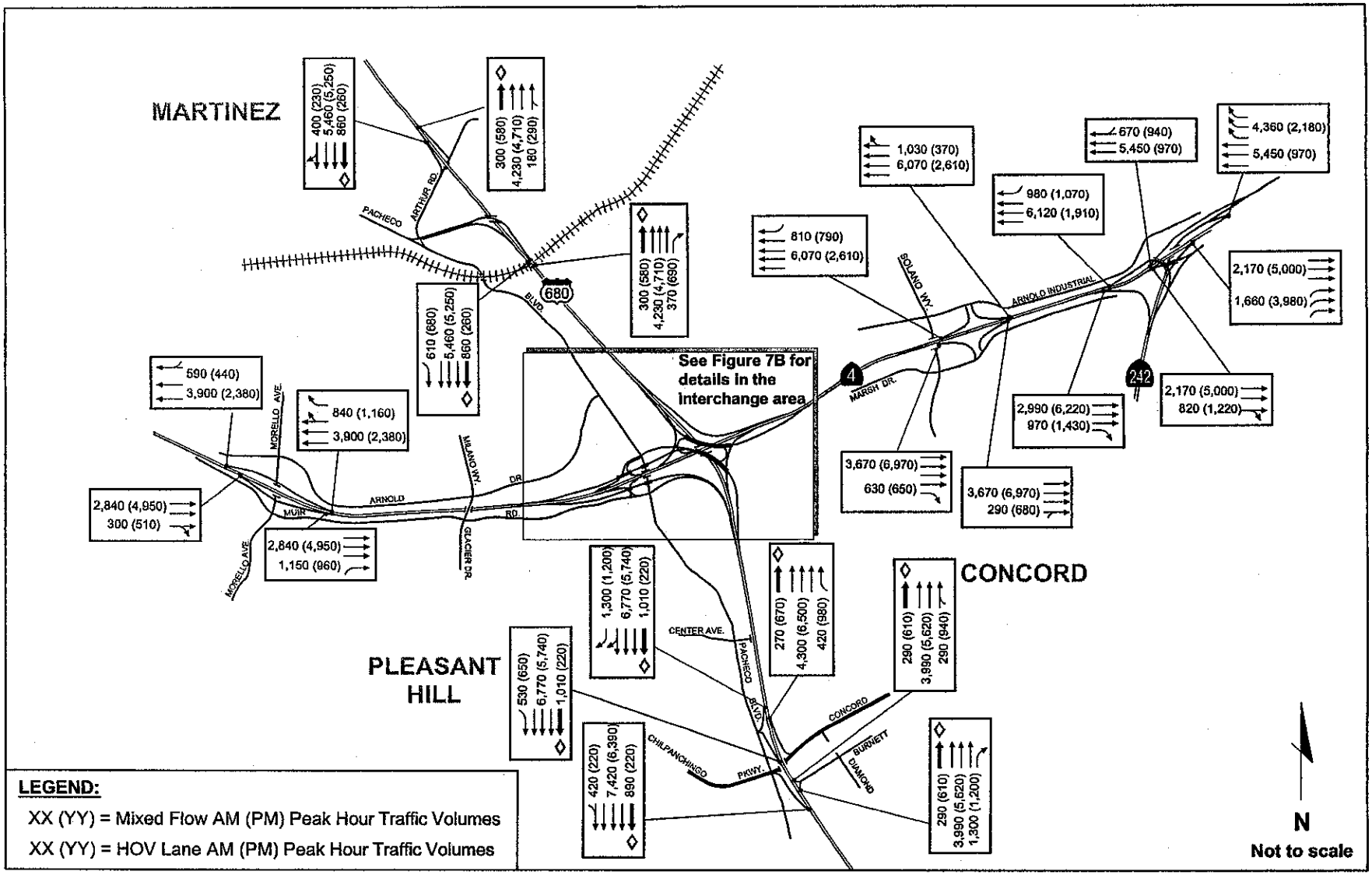
June 2004
1814-01b 1-04

I-680/SR4 Interchange

2030 NO PROJECT CONDITIONS
FREEWAY PEAK HOUR DEMAND VOLUMES AND LANE CONFIGURATIONS
FIGURE 5B



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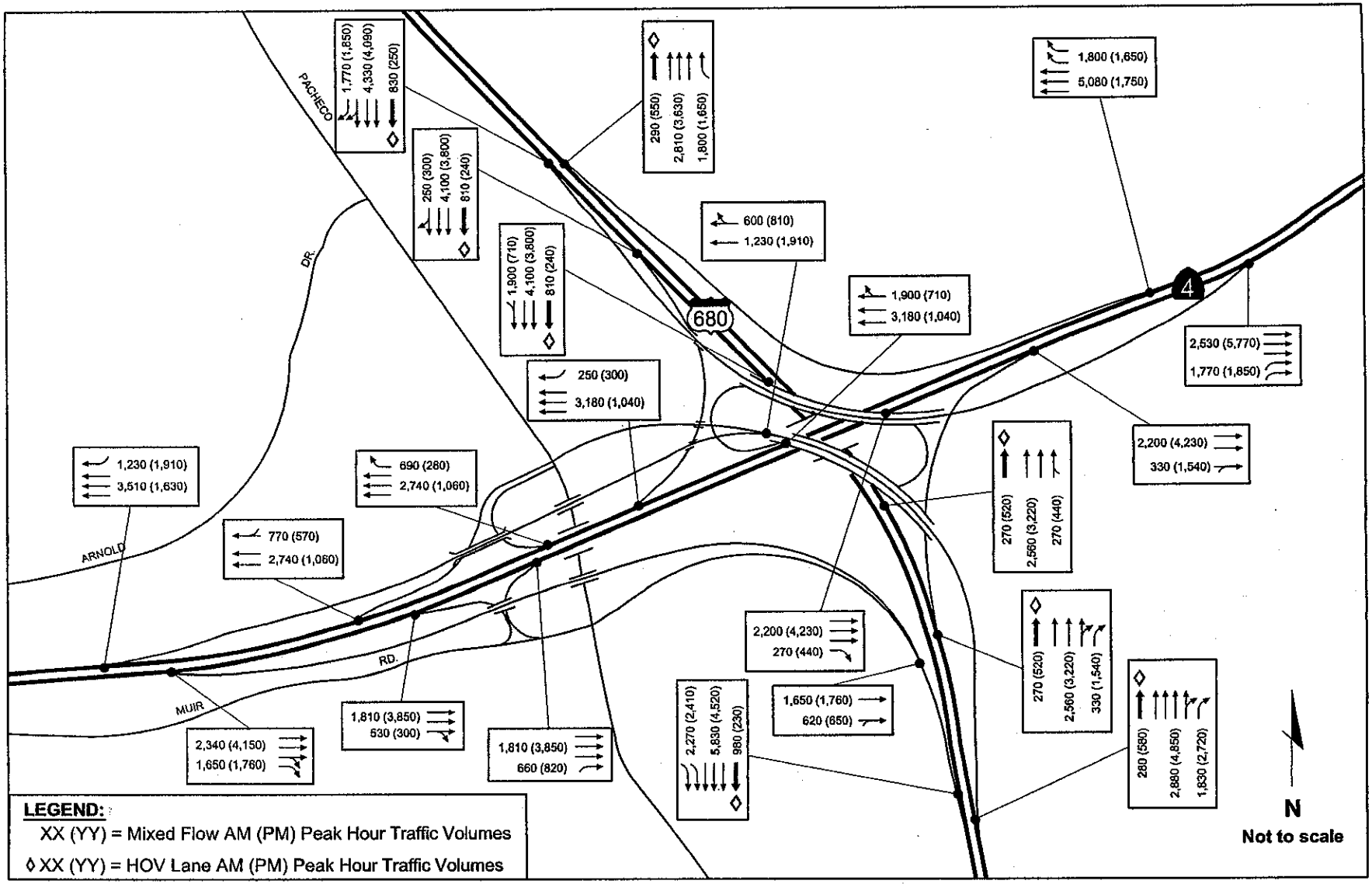
TRANSPORTATION CONSULTANTS

June 2004
1814-05 1-04 2030 vol slip ramps

I-680/SR4 interchange

2030 FULL PROJECT CONDITIONS
FREEWAY PEAK HOUR VOLUMES AND LANE CONFIGURATIONS
FIGURE 7A

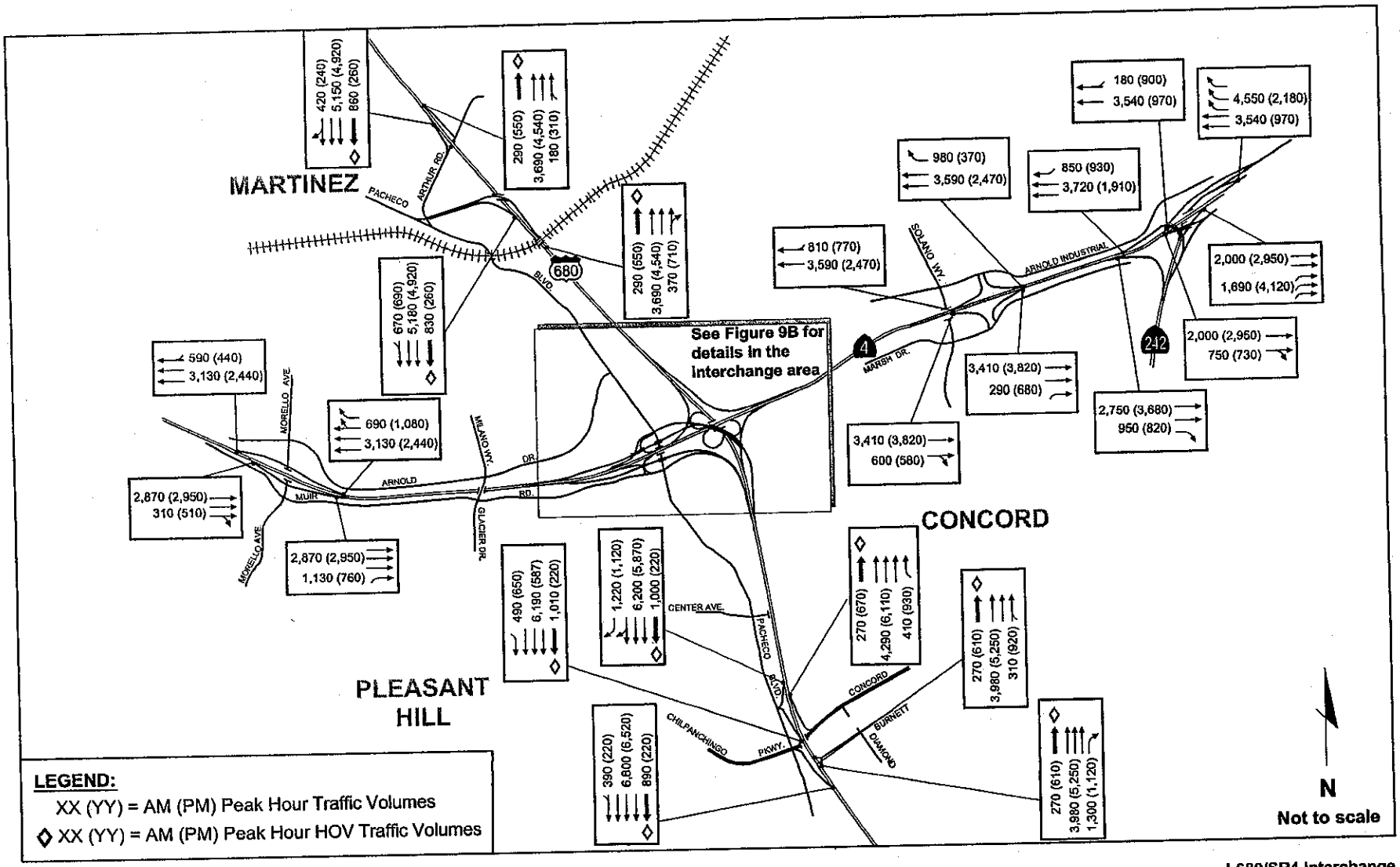


FEHR & PEERS
TRANSPORTATION CONSULTANTS

June 2004
1814-05 1-04 2030 vol interchange with slip ramps

I-680/SR4 Interchange

2030 FULL PROJECT CONDITIONS
FREEWAY PEAK HOUR VOLUMES AND LANE CONFIGURATIONS
FIGURE 7B

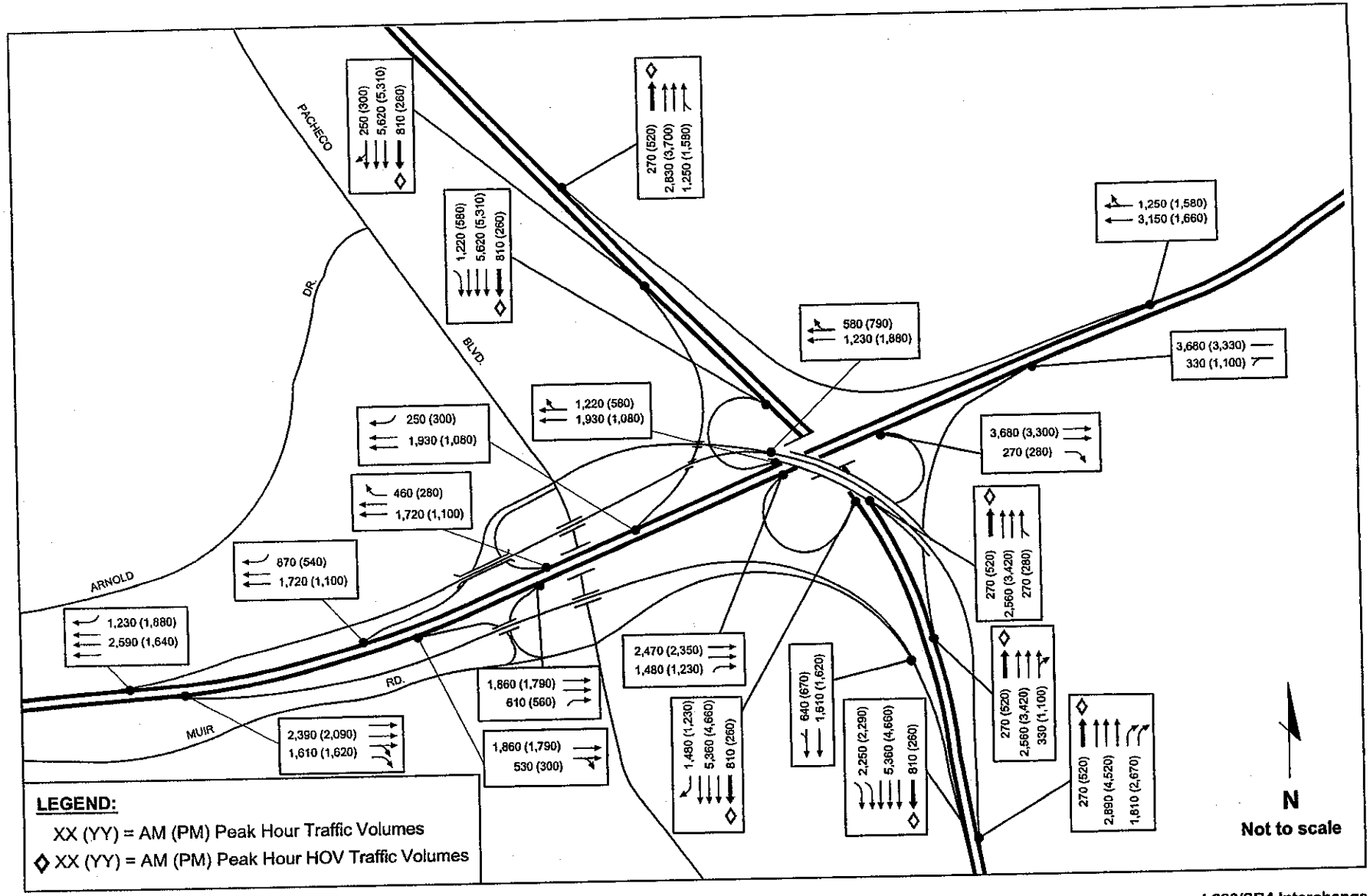


I-680/SR4 Interchange

FEHR & PEERS
TRANSPORTATION CONSULTANTS

June 2004
1814-02a 1-04

2030 PHASES 1 AND 2 CONDITIONS
FREEWAY PEAK HOUR DEMAND VOLUMES AND LANE CONFIGURATIONS
FIGURE 9A

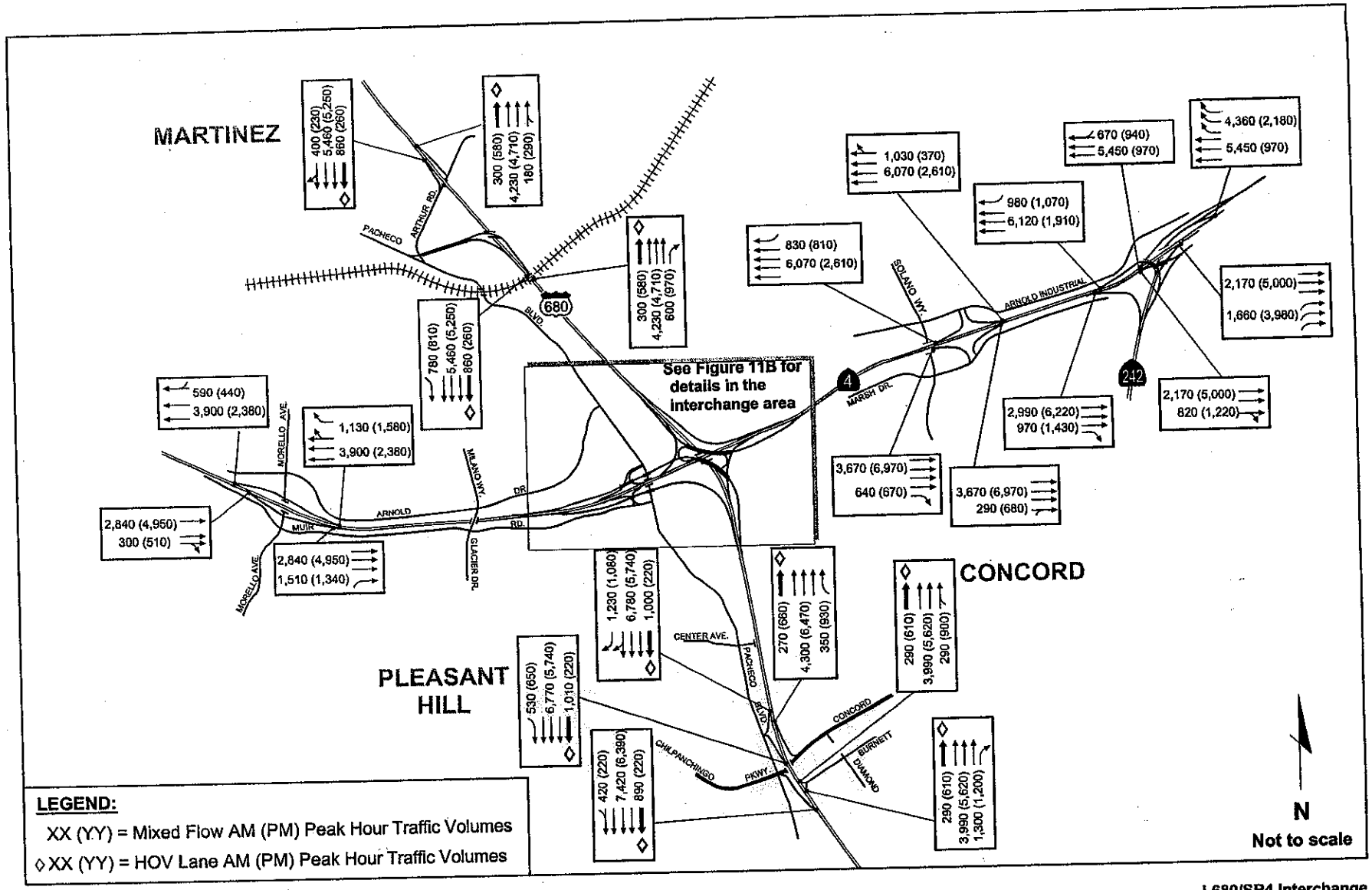


I-680/SR4 Interchange

FEHR & PEERS
TRANSPORTATION CONSULTANTS

June 2004
1814-02a 1-04

2030 PHASES 1 AND 2 CONDITIONS
FREEWAY PEAK HOUR DEMAND VOLUMES AND LANE CONFIGURATIONS
FIGURE 9B

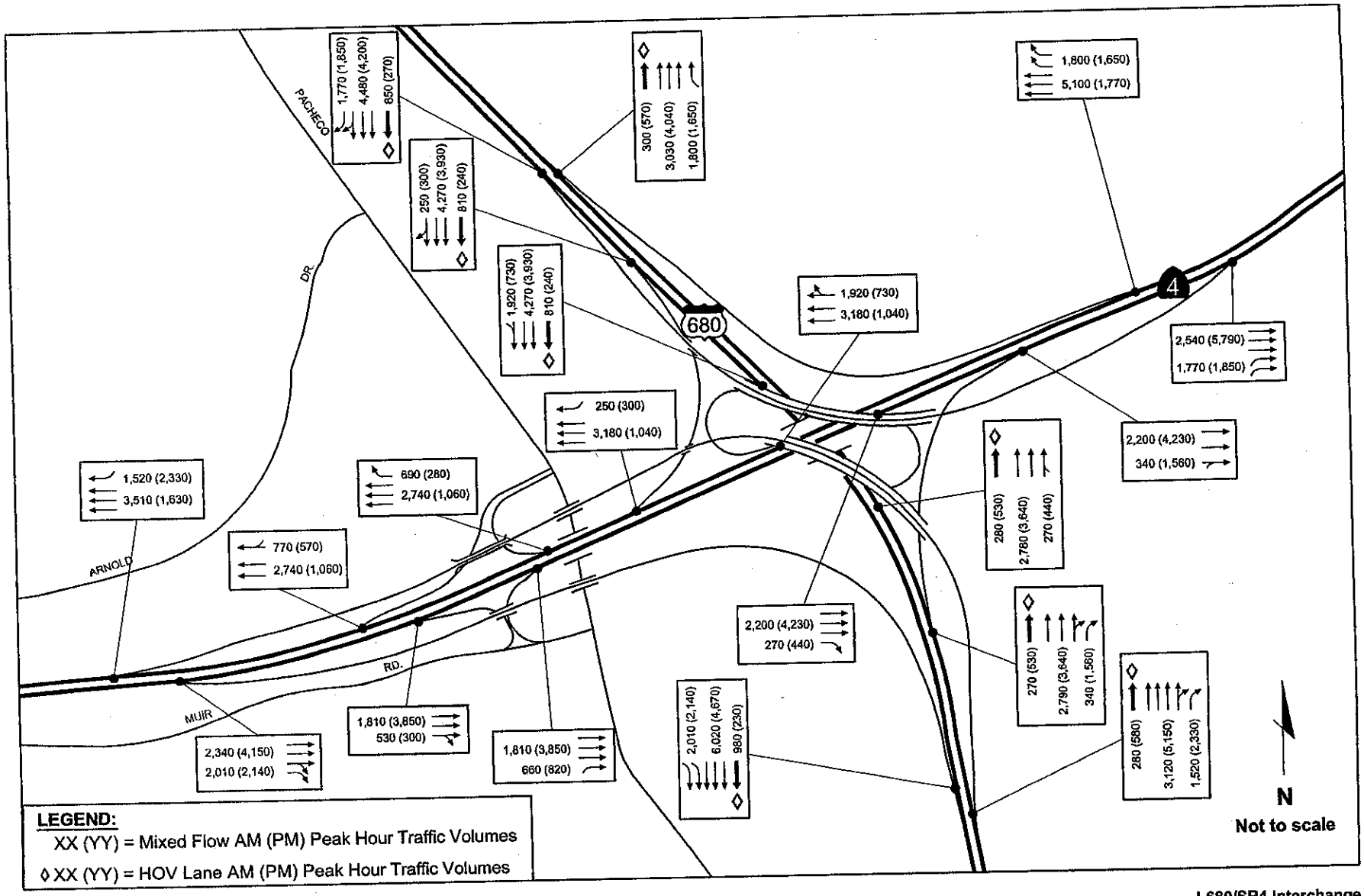


I-680/SR4 Interchange

FEHR & PEERS
TRANSPORTATION CONSULTANTS

June 2004
1814-06 1-04 2030 vol without slip ramps

2030 NO SLIP RAMPS
FREEWAY PEAK HOUR VOLUMES AND LANE CONFIGURATIONS
FIGURE 13A



I-680/SR4 Interchange

FEHR & PEERS
TRANSPORTATION CONSULTANTS

June 2004

1814-06 1-04 2030 vol interchange without slip ramps

2030 NO SLIP RAMPS

FREEWAY PEAK HOUR VOLUMES AND LANE CONFIGURATIONS

FIGURE 13B