

PHASE 1 STAGE 1 NOTES

- 1 Interchange functions as existing diamond interchange.
- 2 Proposed alignments shown in blue for reference only.
- 3 Maintain pedestrian access during construction of temp. turn lane north of Ramp C.
- 4 Remove curb and construct temp. pavement, which may require intermittent full or partial lane closures on 1st Ave.

LEGEND

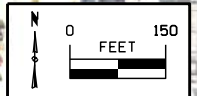
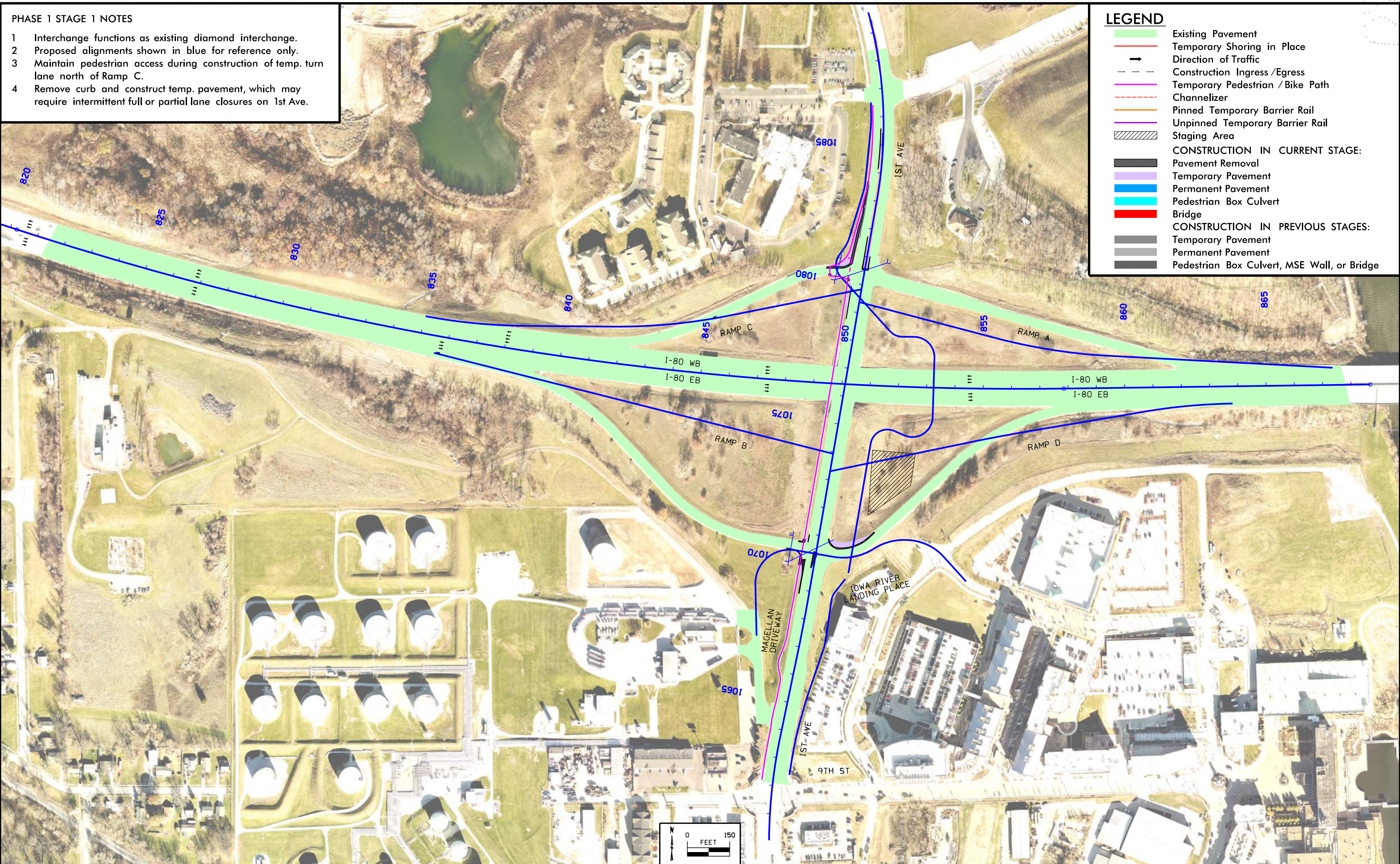
- Existing Pavement
- Temporary Shoring in Place
- Direction of Traffic
- Construction Ingress/Egress
- Temporary Pedestrian/Bike Path
- Channelizer
- Pinned Temporary Barrier Rail
- Unpinned Temporary Barrier Rail
- Staging Area

CONSTRUCTION IN CURRENT STAGE:

- Pavement Removal
- Temporary Pavement
- Permanent Pavement
- Pedestrian Box Culvert
- Bridge

CONSTRUCTION IN PREVIOUS STAGES:

- Temporary Pavement
- Permanent Pavement
- Pedestrian Box Culvert, MSE Wall, or Bridge

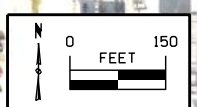
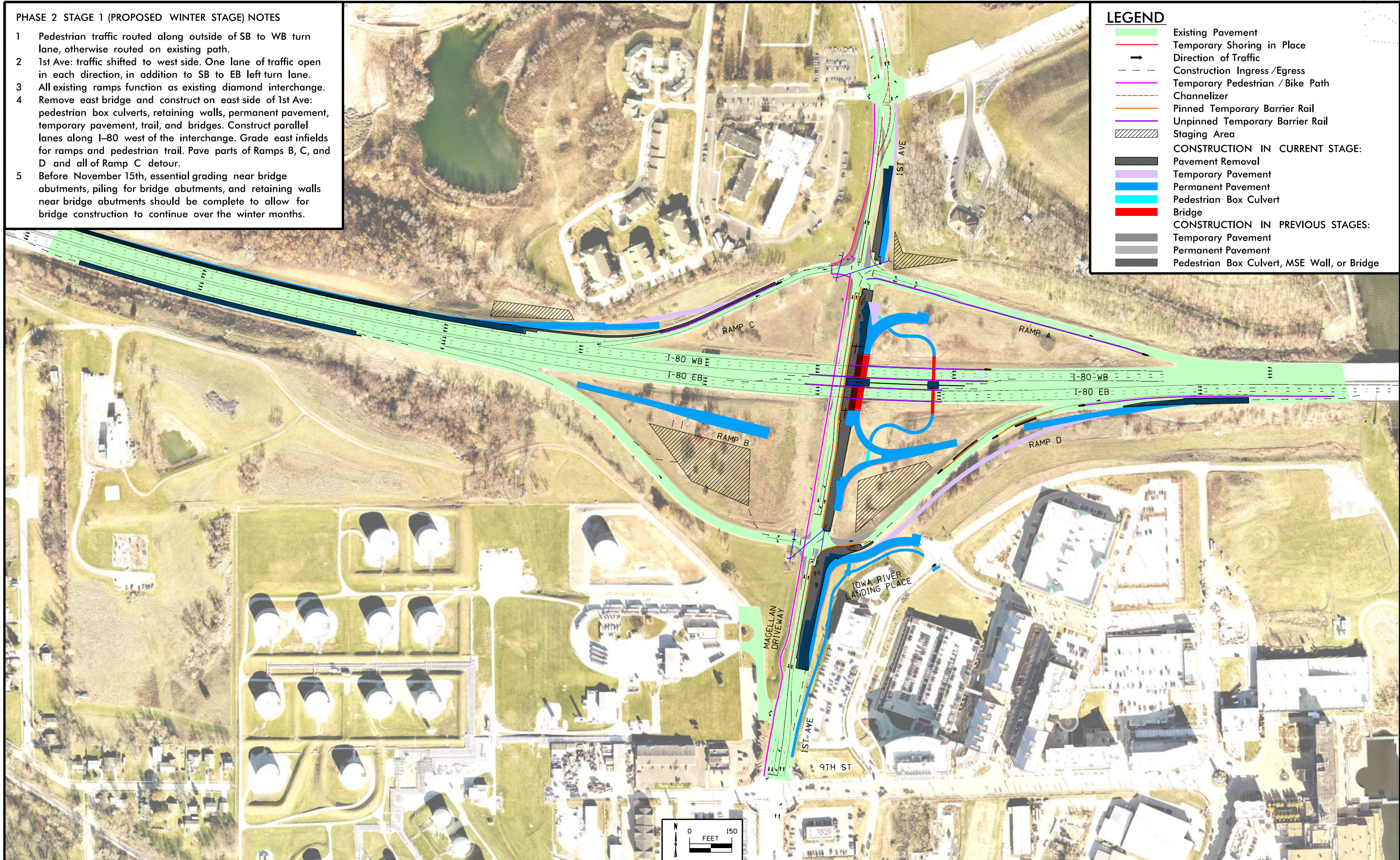


PHASE 2 STAGE 1 (PROPOSED WINTER STAGE) NOTES

- 1 Pedestrian traffic routed along outside of SB to WB turn lane, otherwise routed on existing path.
- 2 1st Ave: traffic shifted to west side. One lane of traffic open in each direction, in addition to SB to EB left turn lane.
- 3 All existing ramps function as existing diamond interchange.
- 4 Remove east bridge and construct on east side of 1st Ave: pedestrian box culverts, retaining walls, permanent pavement, temporary pavement, trail, and bridges. Construct parallel lanes along I-80 west of the interchange. Grade east infields for ramps and pedestrian trail. Pave parts of Ramps B, C, and D and all of Ramp C detour.
- 5 Before November 15th, essential grading near bridge abutments, piling for bridge abutments, and retaining walls near bridge abutments should be complete to allow for bridge construction to continue over the winter months.

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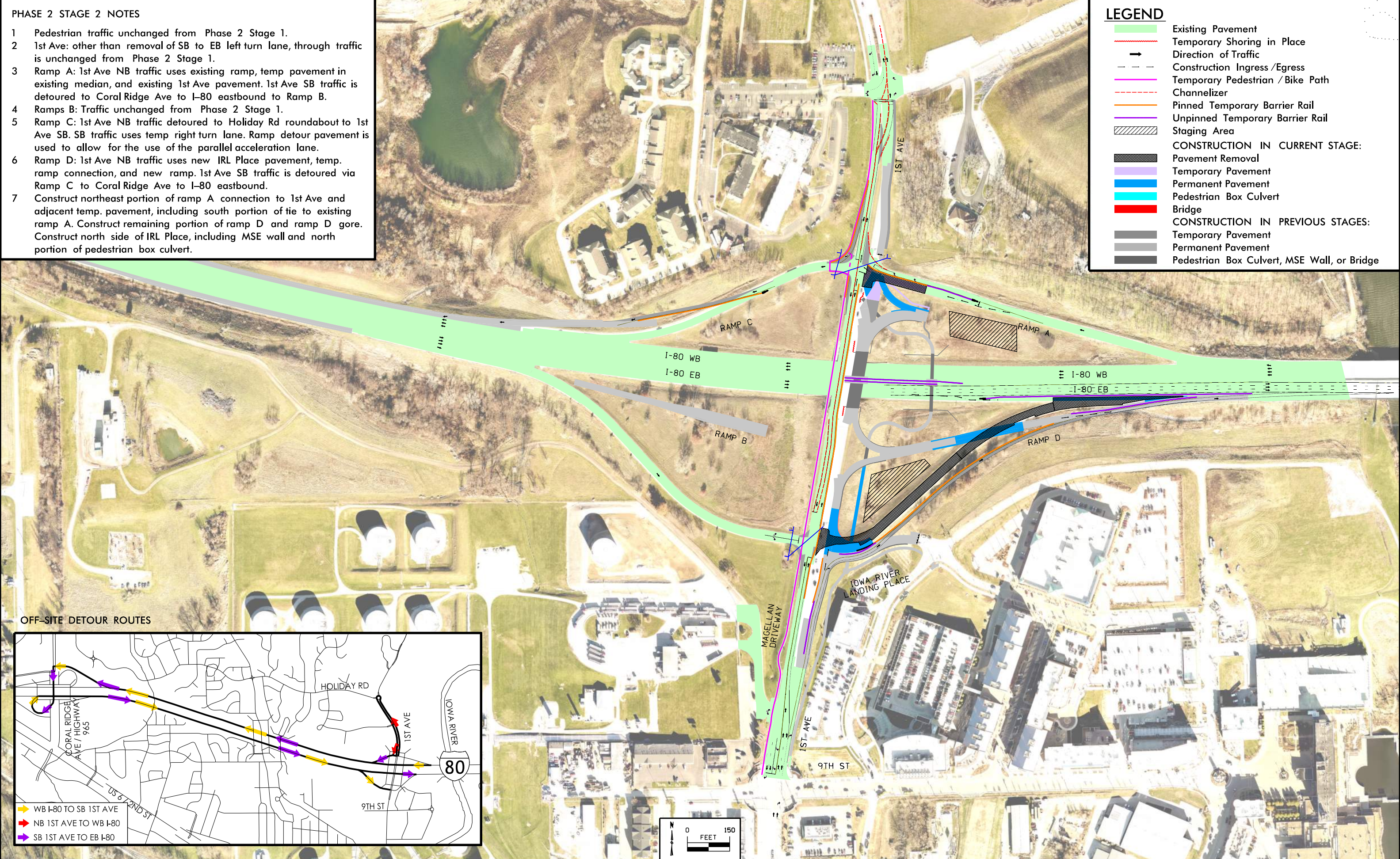


PHASE 2 STAGE 2 NOTES

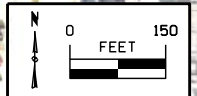
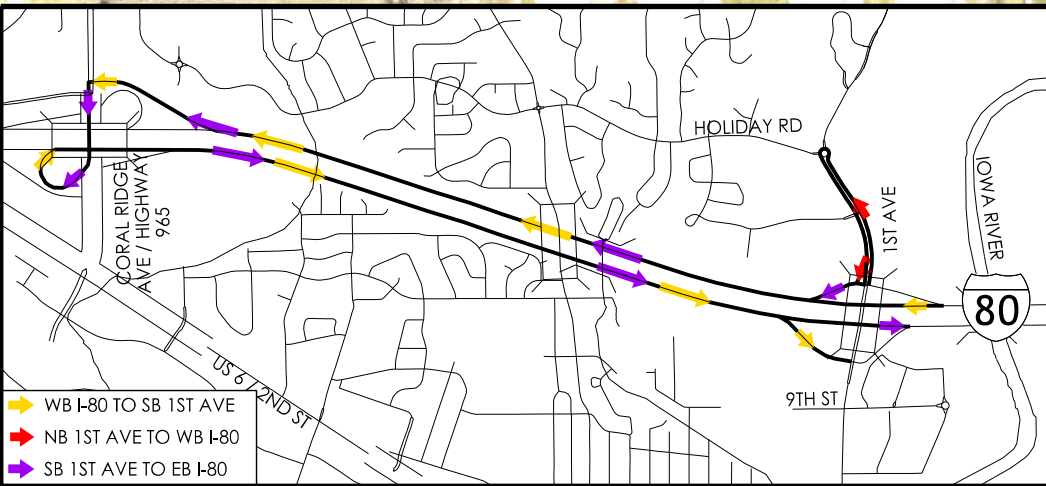
- 1 Pedestrian traffic unchanged from Phase 2 Stage 1.
- 2 1st Ave: other than removal of SB to EB left turn lane, through traffic is unchanged from Phase 2 Stage 1.
- 3 Ramp A: 1st Ave NB traffic uses existing ramp, temp pavement in existing median, and existing 1st Ave pavement. 1st Ave SB traffic is detoured to Coral Ridge Ave to I-80 eastbound to Ramp B.
- 4 Ramps B: Traffic unchanged from Phase 2 Stage 1.
- 5 Ramp C: 1st Ave NB traffic detoured to Holiday Rd roundabout to 1st Ave SB. SB traffic uses temp right turn lane. Ramp detour pavement is used to allow for the use of the parallel acceleration lane.
- 6 Ramp D: 1st Ave NB traffic uses new IRL Place pavement, temp. ramp connection, and new ramp. 1st Ave SB traffic is detoured via Ramp C to Coral Ridge Ave to I-80 eastbound.
- 7 Construct northeast portion of ramp A connection to 1st Ave and adjacent temp. pavement, including south portion of tie to existing ramp A. Construct remaining portion of ramp D and ramp D gore. Construct north side of IRL Place, including MSE wall and north portion of pedestrian box culvert.

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OFF-SITE DETOUR ROUTES

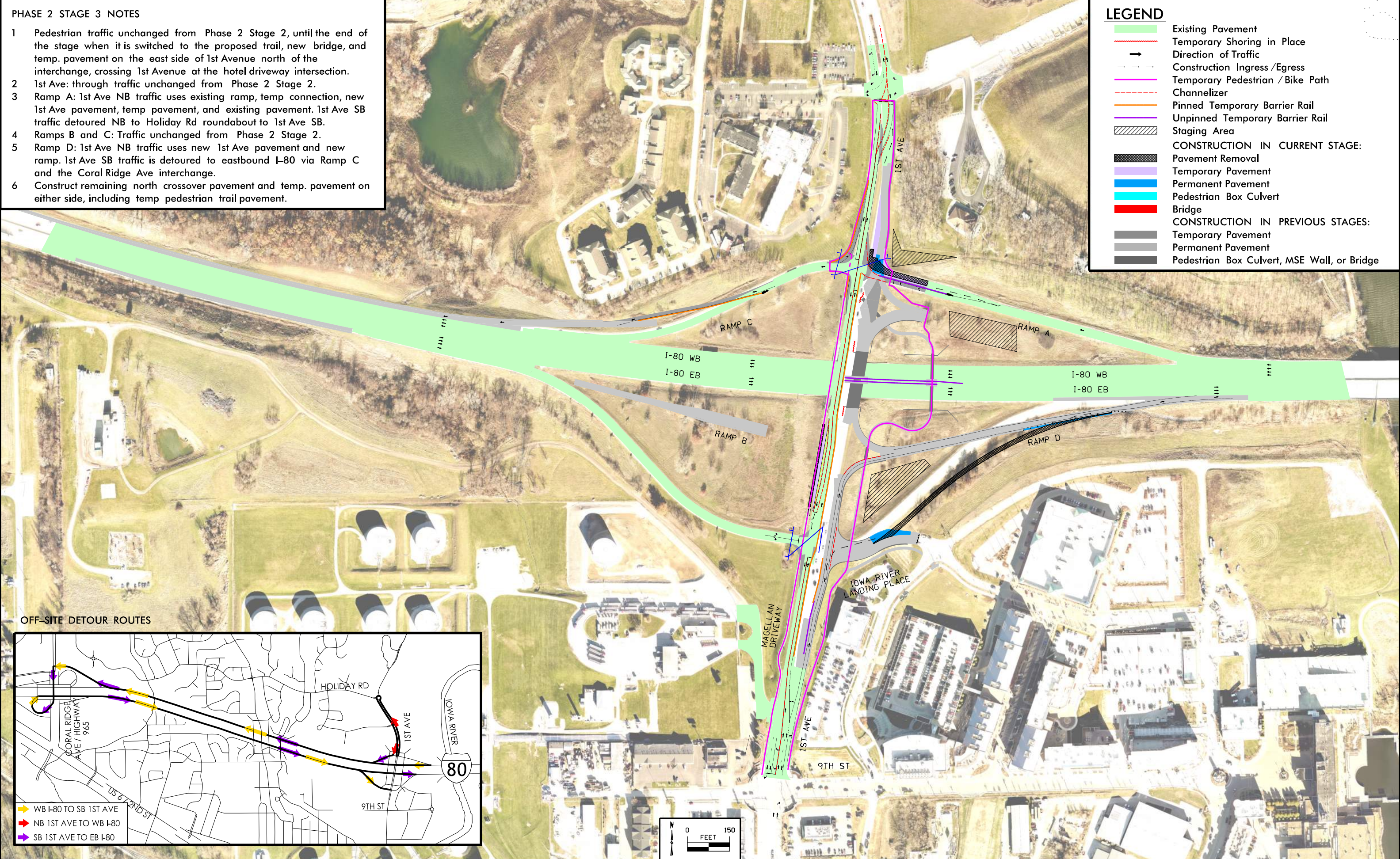


PHASE 2 STAGE 3 NOTES

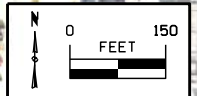
- 1 Pedestrian traffic unchanged from Phase 2 Stage 2, until the end of the stage when it is switched to the proposed trail, new bridge, and temp. pavement on the east side of 1st Avenue north of the interchange, crossing 1st Avenue at the hotel driveway intersection.
- 2 1st Ave: through traffic unchanged from Phase 2 Stage 2.
- 3 Ramp A: 1st Ave NB traffic uses existing ramp, temp connection, new 1st Ave pavement, temp pavement, and existing pavement. 1st Ave SB traffic detoured NB to Holiday Rd roundabout to 1st Ave SB.
- 4 Ramps B and C: Traffic unchanged from Phase 2 Stage 2.
- 5 Ramp D: 1st Ave NB traffic uses new 1st Ave pavement and new ramp. 1st Ave SB traffic is detoured to eastbound I-80 via Ramp C and the Coral Ridge Ave interchange.
- 6 Construct remaining north crossover pavement and temp. pavement on either side, including temp pedestrian trail pavement.

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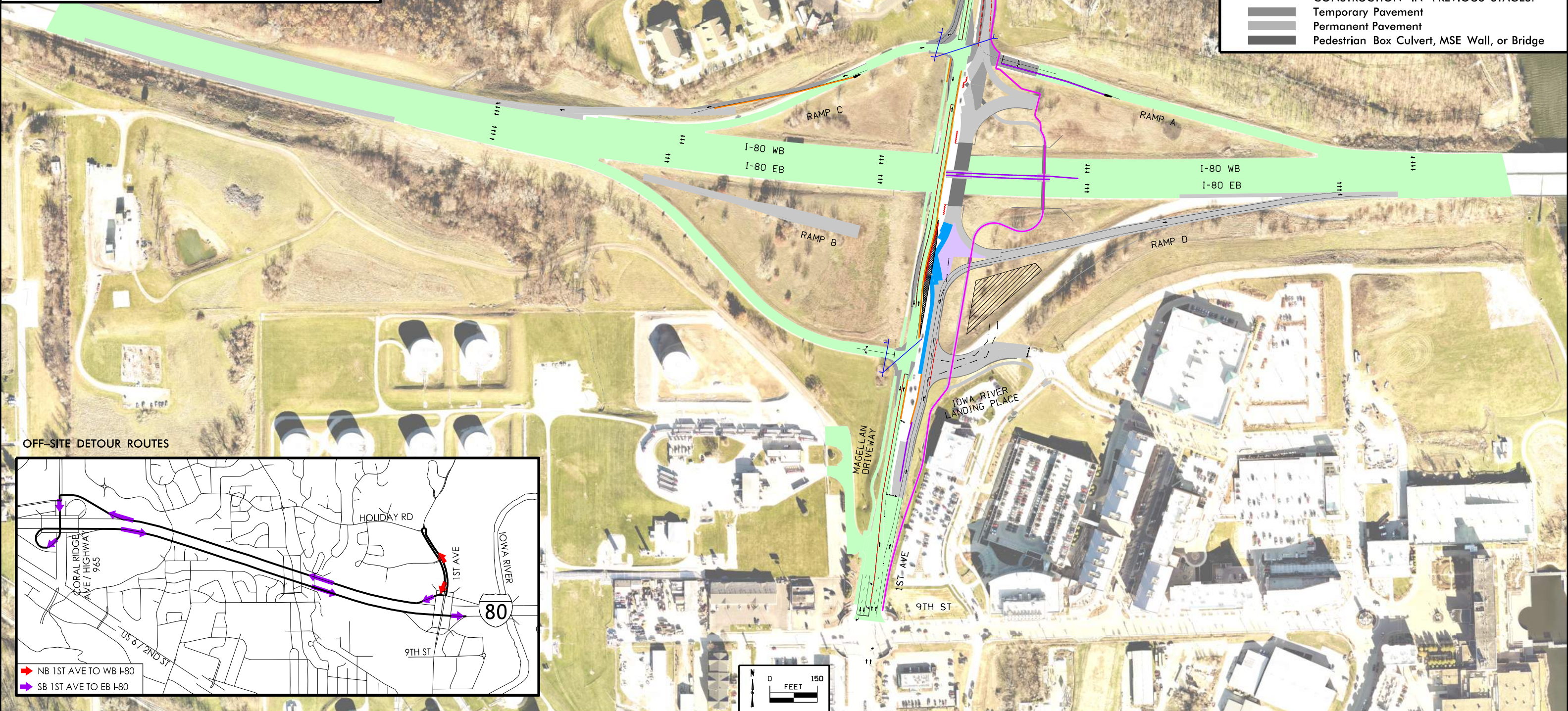


PHASE 2 STAGE 4 NOTES

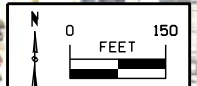
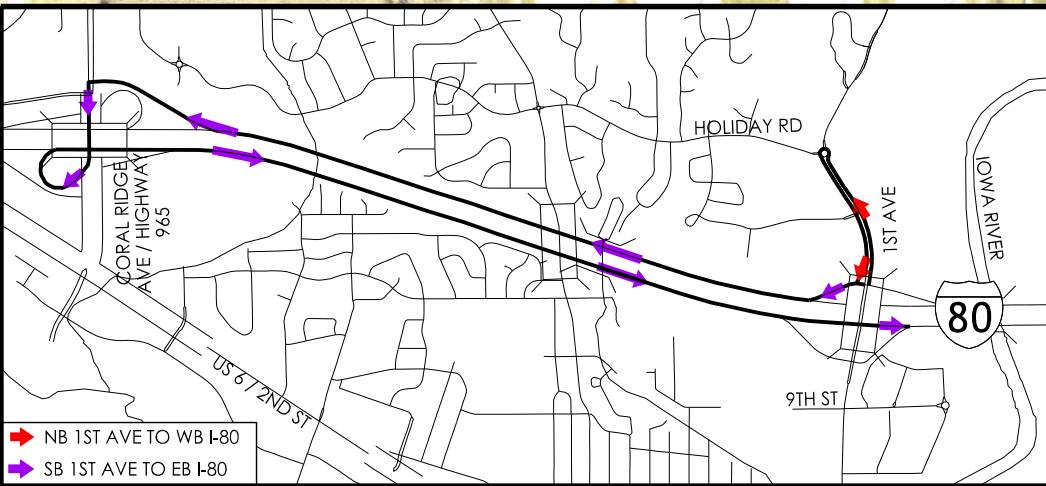
- 1 Pedestrian traffic uses temp. route described in Phase 2 Stage 3.
- 2 1st Ave: through traffic unchanged from Phase 2 Stage 1, except for bump-out around south crossover pavement construction.
- 3 Ramp A: 1st Ave NB traffic uses existing ramp, temp. connection, and new 1st Ave pavement. 1st Ave SB traffic uses existing ramp, temp. connection, and existing 1st Ave pavement.
- 4 Ramps B and C: Unchanged from Phase 2 Stage 3.
- 5 Ramp D: 1st Ave NB traffic unchanged from Phase 2 Stage 3. 1st Ave SB traffic is detoured to eastbound I-80 via Ramp C and the Coral Ridge Ave interchange.
- 6 Construct east side of south crossover and adjacent temp pavement.

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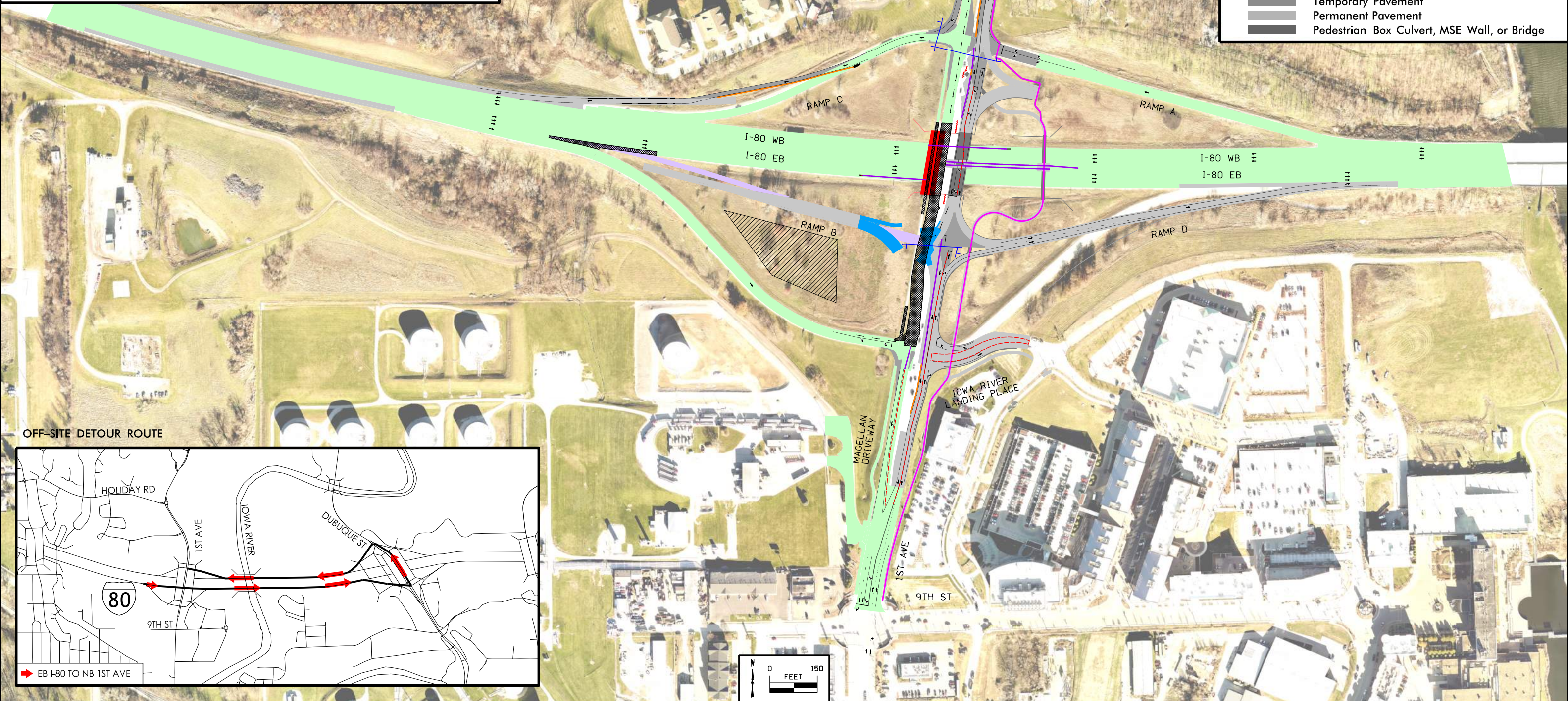


PHASE 3 STAGE 1 NOTES

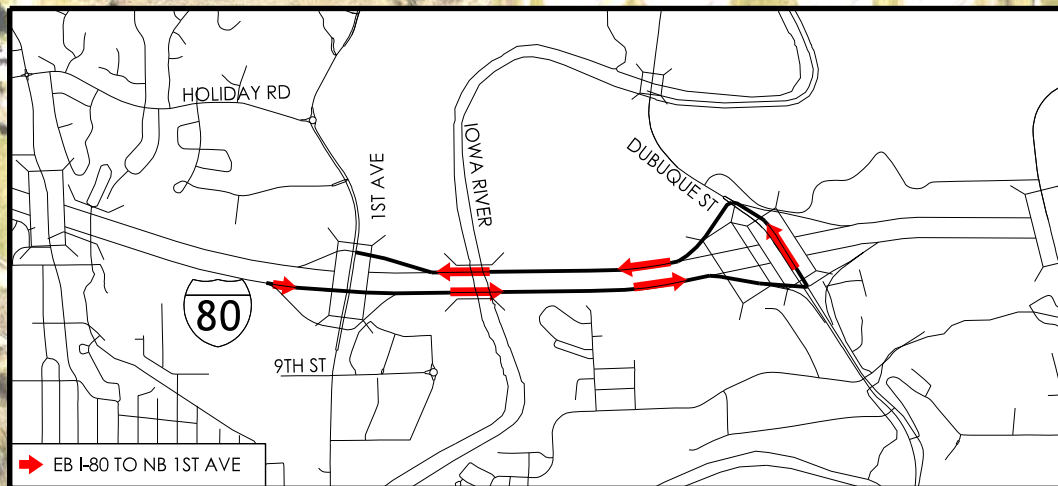
- 1 Pedestrian traffic follows temporary path described in Phase 3 Stage 2.
- 2 1st Ave: through traffic shifted to new bridge, new pavement and temp. pavement on east side with left turn lanes onto on-ramps.
- 3 Ramp A: traffic uses existing ramp, temp. connection, and new 1st Ave pavement.
- 4 Ramp B: 1st Ave NB traffic detoured to Dubuque St interchange to I-80 WB to ramp A. Locals may use 9th St and IRL Place. 1st Ave SB traffic uses existing ramp and existing 1st Ave pavement.
- 5 Ramp C: traffic unchanged from Phase 2 Stage 4.
- 6 Ramp D: traffic uses new 1st Ave pavement and new ramp.
- 7 IRL Place: Right in /right out movements allowed.
- 8 Demolish existing west bridge and pedestrian bridge. Complete essential grading, drive piling, and build retaining walls near the new west bridge abutments before November 15th to allow for the construction of the new west bridge over winter during the next stage.
- 9 Pave remaining portion of Ramp B (except gore), including temp. ramp connection before November 15th.

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OFF-SITE DETOUR ROUTE

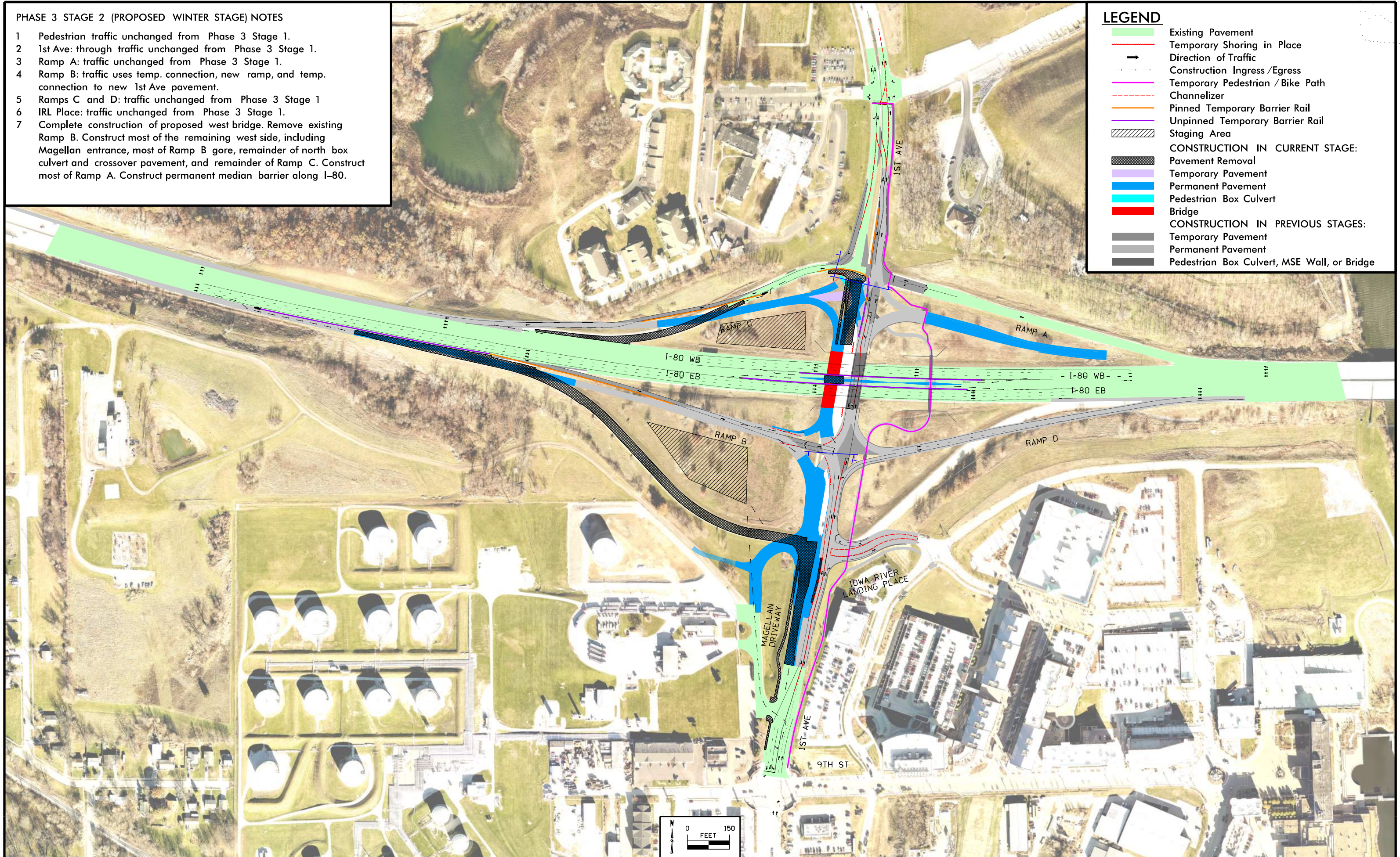


PHASE 3 STAGE 2 (PROPOSED WINTER STAGE) NOTES

- 1 Pedestrian traffic unchanged from Phase 3 Stage 1.
- 2 1st Ave: through traffic unchanged from Phase 3 Stage 1.
- 3 Ramp A: traffic unchanged from Phase 3 Stage 1.
- 4 Ramp B: traffic uses temp. connection, new ramp, and temp. connection to new 1st Ave pavement.
- 5 Ramps C and D: traffic unchanged from Phase 3 Stage 1
- 6 IRL Place: traffic unchanged from Phase 3 Stage 1.
- 7 Complete construction of proposed west bridge. Remove existing Ramp B. Construct most of the remaining west side, including Magellan entrance, most of Ramp B gore, remainder of north box culvert and crossover pavement, and remainder of Ramp C. Construct most of Ramp A. Construct permanent median barrier along I-80.

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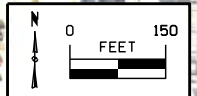
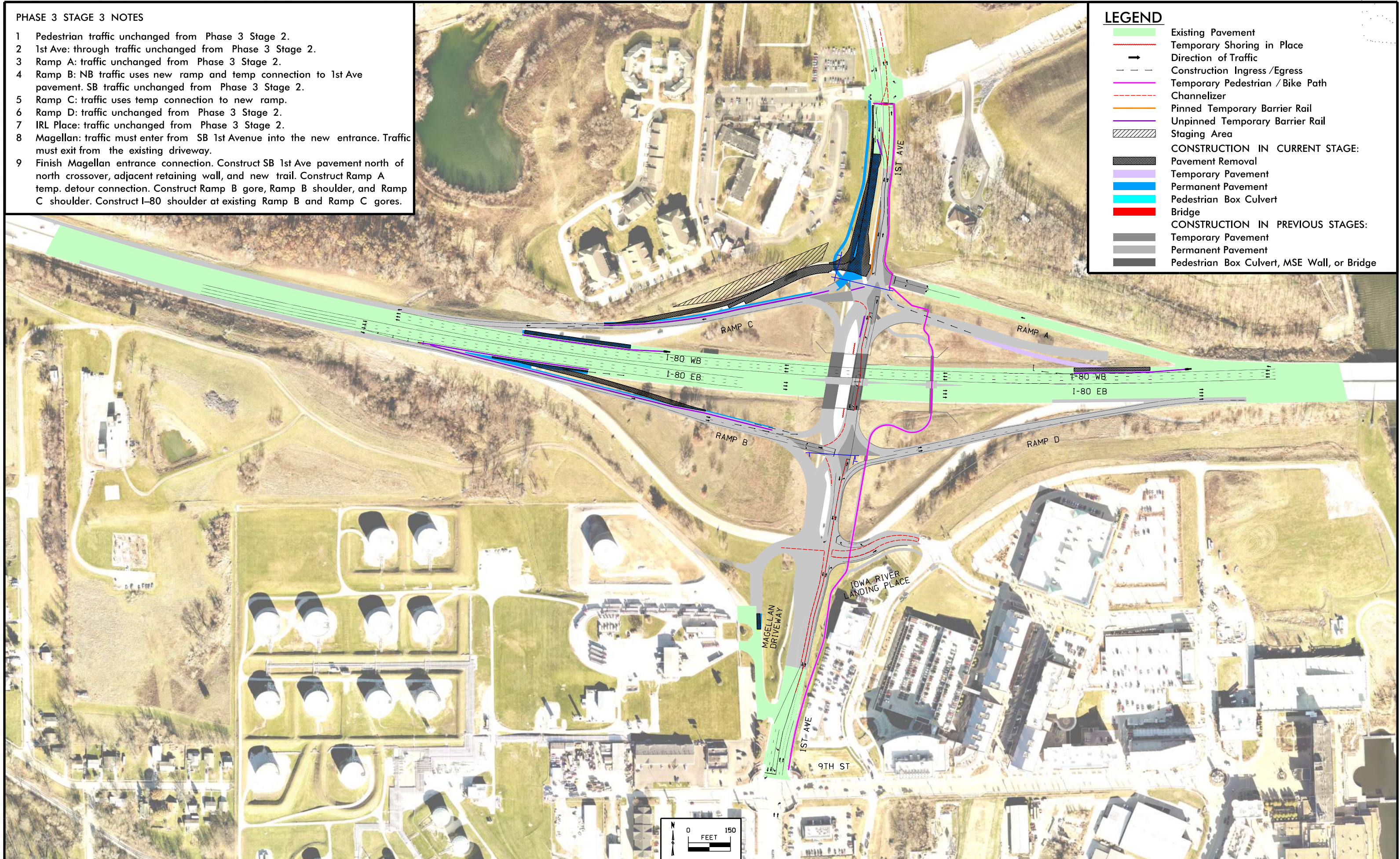


PHASE 3 STAGE 3 NOTES

- 1 Pedestrian traffic unchanged from Phase 3 Stage 2.
- 2 1st Ave: through traffic unchanged from Phase 3 Stage 2.
- 3 Ramp A: traffic unchanged from Phase 3 Stage 2.
- 4 Ramp B: NB traffic uses new ramp and temp connection to 1st Ave pavement. SB traffic unchanged from Phase 3 Stage 2.
- 5 Ramp C: traffic uses temp connection to new ramp.
- 6 Ramp D: traffic unchanged from Phase 3 Stage 2.
- 7 IRL Place: traffic unchanged from Phase 3 Stage 2.
- 8 Magellan: traffic must enter from SB 1st Avenue into the new entrance. Traffic must exit from the existing driveway.
- 9 Finish Magellan entrance connection. Construct SB 1st Ave pavement north of north crossover, adjacent retaining wall, and new trail. Construct Ramp A temp. detour connection. Construct Ramp B gore, Ramp B shoulder, and Ramp C shoulder. Construct I-80 shoulder at existing Ramp B and Ramp C gores.

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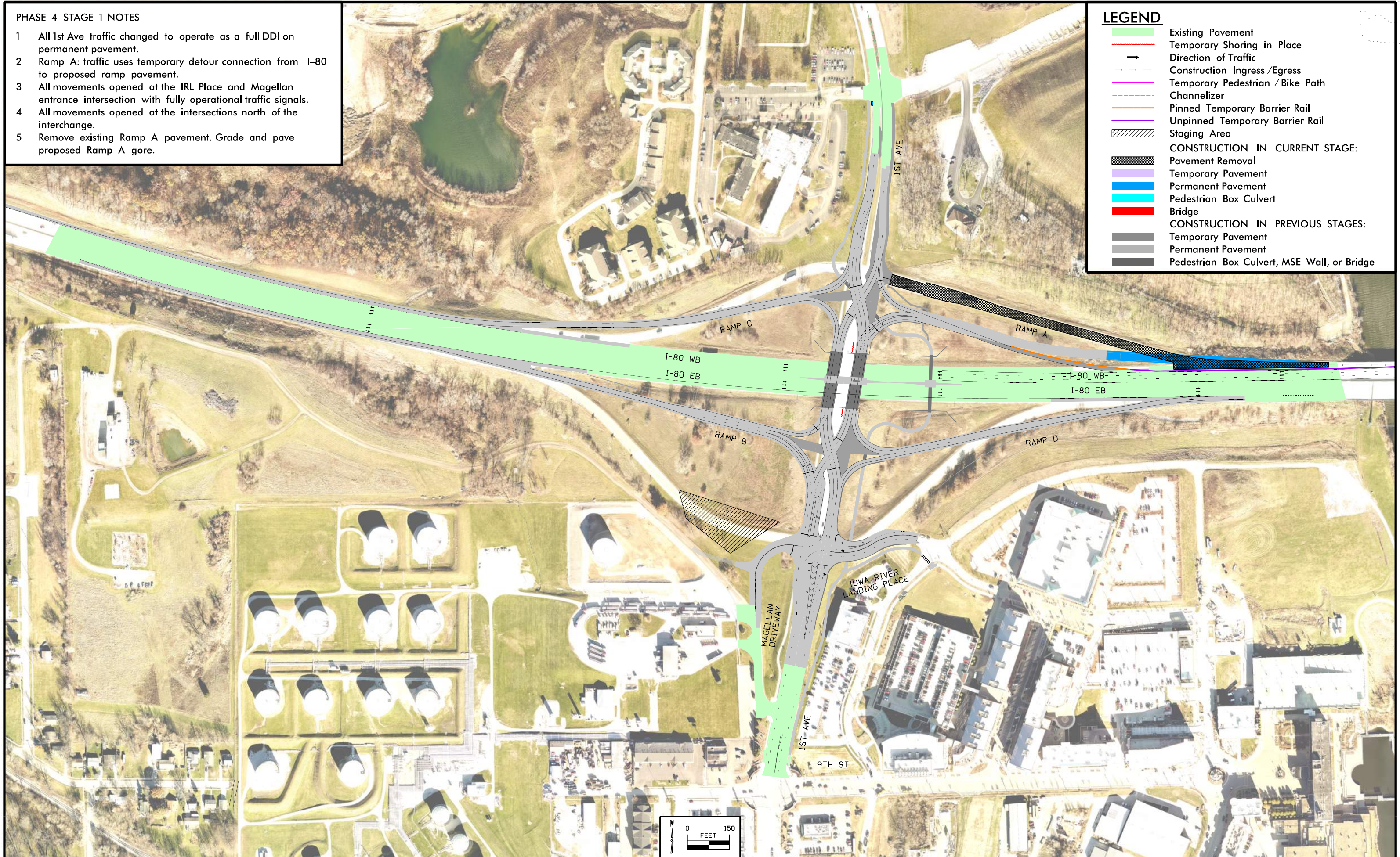


PHASE 4 STAGE 1 NOTES

- 1 All 1st Ave traffic changed to operate as a full DDI on permanent pavement.
- 2 Ramp A: traffic uses temporary detour connection from I-80 to proposed ramp pavement.
- 3 All movements opened at the IRL Place and Magellan entrance intersection with fully operational traffic signals.
- 4 All movements opened at the intersections north of the interchange.
- 5 Remove existing Ramp A pavement. Grade and pave proposed Ramp A gore.

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PHASE 4 STAGE 2 NOTES

- 1 All traffic operates in the final layout.
- 2 Remove temp pavement in DDI islands and construct curb and gutter and landscaping in islands.
- 3 Finish any remaining removals, grading, seeding, pavement markings, etc. Intermittent full and partial lane closures may be required on 1st Ave and ramp terminals.

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