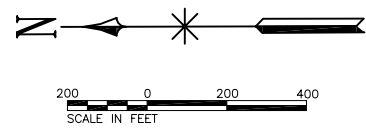


**STAGE 3A:**

- (A1) RELOCATE OR PROTECT UTILITIES AT NORTH AND SOUTH ENDS THAT MAY CONFLICT WITH NEW EAST CRANE MODULE LADDER TRACKS.
- (A2) INSTALL LEADS AND NEW TURNOUTS TE-02, TE-03, AND TE-04 OUTSIDE OF OPERATIONS ZONE OF EXISTING TRACKS.
- (A3) (NOT USED)
- (A4) PANELIZE TRACK NEEDED TO CONNECT TURNOUTS TE-02, TE-03, TE-04, AND TE-05 TO NEW TRACKS 2, 3, 4, AND 5 (NORTH END) AND NEW TRACKS 2, 3, AND 4 OR 5 AT SOUTH END.
- (A5) CUT OVER NEW TRACKS 2, 3, 4 AND 5 AT NORTH END.
- (A6) CUT OVER TRACKS 2 AND 3 IN TO NEW TURNOUT TE-05 AT SOUTH END. CUT OVER EITHER TRACK 4 OR 5 INTO NEW TURNOUTS TE-06 AT SOUTH END. TRACK 5 INTO TURNOUT TE-06 WOULD BE TEMPORARY AND NEW TRACK 4 SHOULD BE A STUB TRACK. TRACK 5 WILL SERVE LIFT OPERATIONS UNTIL REPLACED BY WIDE SPAN GANTRY CRANES.

**STAGE 3B:**

- (B1) SHIFT 45' RTGS TO TRACK 5 CONNECTED DURING STAGE 3A. TRAFFIC ON WEST SIDE OF TRACK 5.
- (B2) CONSTRUCT CRANE RAIL E1 BETWEEN EXISTING TRACKS 801 AND 802 (NEW TRACKS 2 AND 3).
- (B3) MOBILIZE WIDE SPAN GANTRY CRANE MATERIALS. STAGE ASSEMBLY AND ERECTION BETWEEN NEW TRACKS AND CRANE RAIL E2 COMPLETED DURING STAGE 2C.
- (B4) CONTINUE OPERATING CONCRETE CRUSHING FACILITY UNTIL PROJECT COMPLETION. (POTENTIAL LOCATIONS)



**LEGEND:**

- WORK THIS STAGE: —
- EXISTING: —
- COMPLETED WORK: —
- DEMOLITION THIS STAGE: —
- ABBREVIATIONS: (E) EXISTING  
(N) NEW

Source: HDR Engineering 2006



Figure 15. UP ICTF Stage 3