

**SUGGESTED MAINTENANCE OF TRAFFIC GENERAL NOTES**

**MOT GENERAL NOTES**

- 1 NO EXCAVATION, OR I270 BRIDGE SUBSTRUCTURE WORK IS ALLOWED IN THE EXISTING OR PROPOSED CHAIN OF ROCKS LEVEE UNTIL USACE HAS GIVEN FINAL ACCEPTANCE OF THE PROPOSED RELOCATED SECTION OF LEVEE.
- 2 THE US ARMY CORPS OF ENGINEERS SHALL BE PROVIDED CONTINUOUS ACCESS TO THE CHAIN OF ROCKS LEVEE AT ALL TIMES. THIS SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216 TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 3 THE MADISON COUNTY TRANSIT (MCT) CONFLUENCE TRAIL / CHAIN OF ROCKS LEVEE ROAD AND PARKING LOT SHALL REMAIN OPEN TO THE PUBLIC. THIS ROADWAY CAN BE CLOSED FOR SHORT PERIODS OF TIME WITH THE APPROVAL OF THE ENGINEER. IF CONTRACTOR OPERATIONS WILL REQUIRE CLOSURE OF THE CONFLUENCE TRAIL FOR RECREATIONAL USE, MCT SHALL BE GIVEN FOURTEEN (14) CALENDAR DAYS ADVANCE NOTICE AND TRAIL CLOSURE SIGNS SHALL BE PLACED PER MCT DIRECTION SEVEN (7) CALENDAR DAYS IN ADVANCE OF THE CLOSURE. THIS SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216 TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 4 THE CONTRACTOR SHALL PROVIDE AND MAINTAIN PROTECTIVE SHIELDING (VERTICALLY AND HORIZONTALLY) BETWEEN USERS OF THE CONFLUENCE TRAIL AND CONSTRUCTION ACTIVITIES.
- 5 RESURFACING/PAVING OF WATERWORKS, CHOUTEAU PLACE AND CHAIN OF ROCKS LEVEE ROAD TO BE COMPLETED AFTER PROPOSED I-270 BRIDGE WORK HAS BEEN COMPLETED, THE EXISTING I-270 BRIDGES HAVE BEEN REMOVED, AND THE FINAL GRADING COMPLETED.
- 6 THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING PAVEMENT DAMAGED DURING CONSTRUCTION OPERATIONS BY CONTRACTOR FORCES INCLUDING SUBCONTRACTORS AT NO ADDITIONAL COST TO THE CONTRACT. THIS WILL INCLUDE ANY ROADS USED BY THE CONTRACTOR TO GAIN ACCESS TO THE WORK SITE. THIS SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216 TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 7 ANY TEMPORARY CONCRETE BARRIER THAT IS ADJACENT TO A SLOPE STEEPER THAN 1:4 AND ON TEMPORARY PAVEMENT SHALL BE PINNED. THIS SHALL BE INCLUDED IN THE COST OF PAY ITEM 70400100 TEMPORARY CONCRETE BARRIER AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 8 ALL SIGN SUPPORTS AND CHANNELING DEVICES SHALL BE CERTIFIED BY THE CONTRACTOR OR MANUFACTURER AS MEETING THE APPLICABLE NCHRP REPORT 350, TEST LEVEL 3.
- 9 THE FOLLOWING IS A LIST OF MAINTENANCE OF TRAFFIC ASSOCIATED PAY ITEMS FOR WHICH NOMINAL OR ESTIMATED QUANTITIES HAVE BEEN PROVIDED. THE CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION FROM THE ENGINEER PRIOR TO USE AND PAYMENT FOR THESE ITEMS.  
- 70106800 CHANGEABLE MESSAGE SIGN
- 10 BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL. THIS SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216 TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 11 THE WORK DESCRIBED IN ANY OF THE SUGGESTED STAGING CAN BEGIN AT AN EARLIER TIME THAN SHOWN IN THE SCHEDULE, PROVIDED THAT IT DOESN'T CONFLICT WITH ONGOING WORK IN THE CURRENT OR FUTURE STAGES AND WITH THE APPROVAL OF THE ENGINEER.
- 12 ALL TEMPORARY LIGHT POLES WILL BE PLACED OUTSIDE OF THE CLEAR ZONE, PER AASTHO. IF THIS REQUIREMENT CANNOT BE MET, THE APPROPRIATE NCHRP REPORT 350, TEST LEVEL 3 DEVICES, SHALL BE INCORPORATED TO PROVIDE PROTECTION FOR THE TEMPORARY LIGHT POLES. THIS SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216 TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 13 CONTRACTOR TO STAGE KEELIN LANE, MURPHY LANE, LEVEE ROAD, CHOUTEAU PLACE ROAD AND WATERWORKS ROAD SUCH THAT ACCESS IS MAINTAINED AT ALL TIMES. THIS WORK SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216 TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 14 ALL TYPE II BARRICADES, DRUMS, AND VERTICAL BARRICADES SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS.
- 15 ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS (W20-1) SHALL BE EQUIPPED WITH HIGH INTENSITY FLASHING LIGHTS.
- 16 EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS DIRECTED BY THE ENGINEER.
- 17 DIRECTION INDICATOR BARRICADES SHALL BE USED AT TAPER LOCATIONS AS DIRECTED BY THE ENGINEER.
- 18 TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE 'A' LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
- 19 CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES AT ANY TIME.
- 20 ALL TRAFFIC CONTROL SIGNS THAT ARE TO BE PLACED ON TOP OF TEMPORARY BARRIERS SHALL BE 2' X 2'. SEE DETAIL SHEET FOR INFORMATION. THE COST OF THE SIGN AND MOUNTING OF SIGN SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216 TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 21 CONTRACTOR WILL BE REQUIRED TO STAGE THE CONSTRUCTION OF EMBANKMENTS IN SEVERAL AREAS THROUGHOUT THE PROJECT. SLOPES NEED TO BE A MINIMUM OF 1V:2H. THIS SHALL BE INCLUDED IN THE COST OF PAY ITEM 20200100 EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

**SUGGESTED STAGES OF CONSTRUCTION - PRESTAGE**

**TRAFFIC:**

- 1 MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION ON I 270, EXCEPT FOR PATCHING AND RUMBLE STRIP REMOVAL OPERATIONS WHICH WILL BE PERFORMED PER THE LANE RESTRICTION GUIDELINES
  - 2 EB AND WB I-270 TRAFFIC SHIFTED IN SEVERAL LOCATIONS WEST OF I270 BRIDGE OVER CHAIN OF ROCKS
  - 3 I-270 EXISTING TRAFFIC PATTERNS WILL BE MAINTAINED EAST OF APPROXIMATE STA. 180+00.
  - 4 KEELIN LANE, WATERWORKS ROAD, LEVEE ROAD, AND CHOUTEAU PLACE ROAD ALL TO REMAIN OPEN DURING CONSTRUCTION
  - 5 MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION ON IL ROUTE 3, EXCEPT FOR PATCHING OPERATIONS WHICH WILL BE PERFORMED PER THE LANE RESTRICTION GUIDELINES
  - 6 EXISTING RAMP P4 TRAFFIC SHIFTED SLIGHTLY FOR TEMP PAVEMENT CONSTRUCTION
  - 7 MCT CONFLUENCE TRAIL ACCESS FROM CHOUTEAU PLACE ROAD PERMANENTLY CLOSED NORTH OF EXISTING MCT CONFLUENCE TRAIL PARKING LOT.
- PRIMARY WORK ACTIVITIES**
- 1 RECONSTRUCT LEVEE AND THE SOUTH ACCESS ROAD AS APPROVED BY THE ARMY CORPS OF ENGINEERS. FINAL SURFACING OF LEVEE ROAD AND SOUTH ACCESS ROAD TO BE COMPLETED AT THE END OF STAGE 4.
  - 2 PATCH AS NEEDED WITHIN PROJECT LIMITS OF I-270, IL ROUTE 3, EXISTING RAMP P4 AND P1 BEFORE CONSTRUCTING TEMPORARY PAVEMENT/WIDENING ALONG EB I270 SHOULDER EAST OF THE CHAIN OF ROCKS.
  - 3 REMOVE RUMBLE STRIPS THROUGHOUT PROJECT CORRIDOR BEFORE WORK BEGINS ON TEMPORARY PAVEMENT/WIDENING
  - 4 I-270 OUTSIDE EASTBOUND SHOULDER WILL BE REMOVED AND TEMPORARY PAVEMENT WIDENING WILL BE CONSTRUCTED FROM APPROXIMATE STA. 150+00 TO STA. 178+00 TO ACCOMMODATE I-270 EASTBOUND LANES.
  - 5 BETWEEN APPROXIMATE STA. 190+25 AND STA. 192+25 ON THE WEST SIDE OF THE PROPOSED BRIDGE AND BETWEEN APPROXIMATE STA. 211+00 AND STA. 213+00 ON THE EAST SIDE OF THE PROPOSED BRIDGE ADVANCED GRADING CAN BEGIN FOR THE I-270 APPROACHES.
  - 7 RAMP P4 WILL HAVE TRAFFIC FROM APPROXIMATE STA. 13+85 TO STA. 18+07 SHIFTED TO THE NORTH TO ACCOMMODATE THE CONTRACTOR TO REMOVE THE SOUTH SHOULDER AND PLACE TEMPORARY PAVEMENT WIDENING.
  - 8 COORDINATE WITH USCG TO MAINTAIN BARGE TRAFFIC DURING CONSTRUCTION IN CANAL.
  - 9 PERFORM CLEARING AND GRUBBING OF SITE.
  - 10 CONSTRUCT BOX CULVERT EXTENSION FOR CULVERT EAST OF CANAL.
  - 11 CONSTRUCT BOX CULVERT EXTENSIONS TO THE NORTH OF I-270 FOR CULVERTS WEST OF CANAL.
  - 12 CONSTRUCT RELOCATED WATERWORKS ROAD, KEELIN LANE, MURPHY LANE, AND CHOUTEAU PLACE ROAD. ROADS TO BE CONSTRUCTED TO MAINTAIN TRAFFIC.
  - 13 PERFORM SUBSTRUCTURE WORK FOR PIER #1 AND #2 FOR I-270 BRIDGE (IN CANAL & W OF CANAL). NO SUBSTRUCTURE WORK IS ALLOWED IN THE NEW LEVEE AREA AT THIS TIME. NO WORK CAN BEGIN ON PIER #3 OR #4 OR THE EAST ABUTMENT UNTIL THE NEW CHAIN OF ROCKS LEVEE HAS BEEN ACCEPTED BY THE USACE
  - 14 BEGIN CONSTRUCTION OF RETAINING WALL NORTH OF I-270, EAST OF THE CHAIN OF ROCKS.
  - 15 CONSTRUCT TEMPORARY LIGHTING AS NEEDED.

**SUGGESTED STAGES OF CONSTRUCTION - STAGE 1**

**TRAFFIC:**

- 1 MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION ON I 270.
  - 2 EB AND WB I-270 TRAFFIC SHIFTED IN SEVERAL LOCATIONS WEST OF I270 BRIDGE OVER CHAIN OF ROCKS
  - 3 I-270 EXISTING TRAFFIC PATTERNS WILL BE MAINTAINED EAST OF APPROXIMATE STA. 185+00.
  - 4 KEELIN LANE, WATERWORKS ROAD, LEVEE ROAD, AND CHOUTEAU PLACE ROAD ALL TO REMAIN OPEN DURING CONSTRUCTION
  - 5 EXISTING RAMP P4 TRAFFIC SHIFTED SLIGHTLY FOR TEMP PAVEMENT CONSTRUCTION
  - 6 MCT CONFLUENCE TRAIL ACCESS FROM CHOUTEAU PLACE ROAD PERMANENTLY CLOSED NORTH OF EXISTING MCT CONFLUENCE TRAIL PARKING LOT.
- PRIMARY WORK ACTIVITIES**
- 1 RECONSTRUCT LEVEE AND THE SOUTH ACCESS ROAD AS APPROVED BY THE ARMY CORPS OF ENGINEERS. FINAL SURFACING OF LEVEE ROAD AND SOUTH ACCESS ROAD TO BE COMPLETED AT THE END OF STAGE 4.
  - 2 AFTER THE EASTBOUND TEMPORARY PAVEMENT WIDENING IS COMPLETED THE EASTBOUND TRAFFIC WILL BE SHIFTED ONTO THE NEWLY CONSTRUCTED EASTBOUND TEMPORARY PAVEMENT WIDENING. THE WESTBOUND TRAFFIC WILL BE SHIFTED NORTH TO ACCOMMODATE THE CONTRACTOR TO BUILD BOTH CROSSOVERS BETWEEN EXISTING WESTBOUND AND EASTBOUND LANES APPROXIMATE STA. 149+00 TO STA. 158+00 AND APPROXIMATE STA. 170+00 TO STA. 182+00.
  - 3 BETWEEN APPROXIMATE STA. 190+25 AND STA. 192+25 ON THE WEST SIDE OF THE PROPOSED BRIDGE AND BETWEEN APPROXIMATE STA. 211+00 AND STA. 213+00 ON THE EAST SIDE OF THE PROPOSED BRIDGE ADVANCED GRADING CAN CONTINUE FOR THE I-270 APPROACHES.
  - 4 RAMP P4 WILL HAVE TRAFFIC FROM STA. 13+85 TO STA. 18+07 SHIFTED TO THE NORTH TO ACCOMMODATE THE CONTRACTOR TO REMOVE THE SOUTH SHOULDER AND PLACE TEMPORARY PAVEMENT WIDENING.

- 5 COORDINATE WITH USCG TO MAINTAIN BARGE TRAFFIC DURING CONSTRUCTION IN CANAL.
- 6 PERFORM CLEARING AND GRUBBING OF SITE.
- 7 CONSTRUCT BOX CULVERT EXTENSION FOR CULVERT EAST OF CANAL.
- 8 CONSTRUCT BOX CULVERT EXTENSIONS TO THE NORTH OF I-270 FOR CULVERTS WEST OF CANAL.
- 9 CONSTRUCT RELOCATED WATERWORKS ROAD, KEELIN LANE, MURPHY LANE, AND CHOUTEAU PLACE ROAD. ROADS TO BE CONSTRUCTED TO MAINTAIN TRAFFIC.
- 10 PERFORM SUBSTRUCTURE WORK FOR PIER #1 AND #2 FOR I-270 BRIDGE (IN CANAL & W OF CANAL). NO SUBSTRUCTURE WORK IS ALLOWED IN THE NEW LEVEE AREA AT THIS TIME. NO WORK CAN BEGIN ON PIER #3 OR #4 OR THE EAST ABUTMENT UNTIL THE NEW CHAIN OF ROCKS LEVEE HAS BEEN ACCEPTED BY THE USACE
- 11 CONTINUE CONSTRUCTION OF RETAINING WALL NORTH OF I-270, EAST OF THE CHAIN OF ROCKS.
- 12 CONSTRUCT TEMPORARY LIGHTING AS NEEDED.

**SUGGESTED STAGES OF CONSTRUCTION - STAGE 2**

**TRAFFIC**

- 1 I-270 WESTBOUND TRAFFIC FROM APPROXIMATE STA. 149+00 TO STA. 182+00 WILL BE SHIFTED ONTO THE PROPOSED TEMPORARY CROSSOVERS AND PAVEMENT
- 2 I-270 EASTBOUND TRAFFIC SHIFTED SOUTH ONTO TEMP PAVEMENT FROM APPROXIMATE STA. 149+00 TO STA. 182+00
- 3 I-270 EXISTING TRAFFIC PATTERNS WILL BE MAINTAINED EAST OF APPROXIMATE STA. 182+00 THROUGHOUT THE CONSTRUCTION LIMITS.
- 4 EXISTING RAMP P4 WILL BE SHIFTED ON TO THE TEMPORARY PAVEMENT FROM APPROXIMATE STA. 13+70 TO 18+50.
- 5 CONFLUENCE TRAIL USERS SHIFTED TO THE RELOCATED LEVEE ROAD UNDER THE I-270 BRIDGES.
- 6 IL ROUTE 3 SOUTHBOUND TRAFFIC WILL BE SHIFTED TO THE EAST FROM APPROXIMATE STA. 1346+00 TO STA. 1370+00
- 7 IL ROUTE 3 NORTHBOUND TRAFFIC WILL BE SHIFTED TO THE EAST FROM APPROXIMATE STA. 1358+00 TO STA. 1351+00

**PRIMARY WORK ACTIVITIES**

- 1 CONTINUE CONSTRUCTION OF I270 BRIDGE AND RETAINING WALLS.
- 2 CONSTRUCT WESTBOUND I-270 FROM APPROXIMATE STA. 1158+00 TO STA. 1219+57. BEGIN REMOVING EXISTING PAVEMENT AND CONSTRUCTING PROPOSED EMBANKMENT/PAVEMENT WITHIN THIS AREA. CONSTRUCTION ON THE I-270 BRIDGE WILL CONTINUE.
- 3 I-270 TEMPORARY RAMPS BETWEEN I-270 AND PROPOSED RAMP P1 WILL BE CONSTRUCTED FROM APPROXIMATE (EX-270) STA. 222+47 TO (RAMP P1) STA. 21176+85.
- 4 I-270 TEMPORARY RAMP BETWEEN I-270 AND PROPOSED RAMP P4 WILL BE CONSTRUCTED FROM APPROXIMATE (EX-I-270) STA. 223+32 AND (RAMP P4) STA. 11228+58.
- 5 RAMP P1 WILL BE CONSTRUCTED FROM APPROXIMATE STA. 21185+50 TO STA. 21180+00.
- 6 RAMP P4 WILL BE CONSTRUCTED FROM APPROXIMATE STA. 11225+68 TO STA. 11235+48.
- 7 IL ROUTE 3 SOUTHBOUND TRAFFIC WILL BE SHIFTED TO THE EAST FROM APPROXIMATE STA. 1346+00 TO STA. 1370+00 TO ACCOMMODATE THE CONTRACTOR TO BUILD TEMPORARY PAVEMENT BETWEEN IL ROUTE 3 AND PROPOSED RAMP P4.
- 8 IL ROUTE 3 NORTHBOUND TRAFFIC WILL BE SHIFTED TO THE EAST FROM APPROXIMATE STA. 1358+00 TO STA. 1351+00 TO ACCOMMODATE THE CONTRACTOR TO BUILD TEMPORARY TURN LANE WITHIN THE INSIDE MEDIAN.
- 9 PERFORM PAVEMENT REMOVAL, CONSTRUCT EMBANKMENT, DRAINAGE, AND STRUCTURAL WORK AS NEEDED.
- 10 CONSTRUCT MODIFICATIONS TO SIGNALIZED INTERSECTION OF IL RTE 3 / EB EXIT RAMP FROM I-270 FOR SUBSEQUENT MOT STAGES.
- 11 CONSTRUCT TEMPORARY LIGHTING AS NEEDED

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	PLOT SCALE = #SCALE#	CHECKED - SJM	REVISED -		SCALE:	SHEET NO. 1	OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 76A91			
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