

GENERAL STAGING NOTES

1. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES.
2. ACCESS TO ALL ENTRANCES IMPACTED BY THE CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES. TEMPORARY CLOSURE OF ACCESS MUST BE AGREED TO IN WRITING BY THE PROPERTY OWNER AND A COPY SUBMITTED TO THE ENGINEER.
3. USE AGGREGATE AT DRIVEWAYS AS REQUIRED TO MAINTAIN TEMPORARY ACCESS AND AT THE DIRECTION OF THE ENGINEER.
4. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS WHERE REQUIRED TO AVOID CONFLICT WITH TEMPORARY PAVEMENT MARKINGS.
5. ALL REQUIRED SIGNS SHOWN IN STAGING PLANS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL PAY ITEMS.
6. TEMPORARY PAVEMENT MARKING ON EXISTING PAVEMENT SHALL BE PAINT.
7. TEMPORARY PAVEMENT MARKING ON NEW PAVEMENT SHALL BE PAVEMENT MARKING TAPE, TYPE III.

TEMPORARY BRIDGE TRAFFIC SIGNAL NOTES

1. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701321 EXCEPT WHERE MODIFIED IN THE PLANS AND SPECIAL PROVISIONS.
2. TWO PHASE SIGNAL OPERATION IS REQUIRED. THE ENGINEER OF TRAFFIC SHALL APPROVE ALL TIMING PARAMETERS. THE CONTRACTOR SHALL CONTACT PAUL GRANT, DISTRICT 4 TRAFFIC SIGNAL TECHNICIAN, AT (309) 671-4474, FORTY-EIGHT HOURS PRIOR TO SIGNAL TURN ON.
3. THE CONTRACTOR SHALL INSTALL A CONVENTIONAL TRAFFIC SIGNAL INSTALLATION THAT HAS ALL OF THE REQUIRED FUNCTIONALITY DESCRIBED WITHIN THE CONTRACT PLANS AND SPECIAL PROVISIONS. THE USE OF SOLAR POWERED TRAILER MOUNTED TRAFFIC SIGNALS WILL NOT BE ALLOWED.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL ONE PEDESTRIAN PUSHBUTTON, SIGN, AND SIGN SUPPORT FOR EACH APPROACH TO PROVIDE ADDITIONAL TIME TO ACCOMMODATE HORSE DRAWN CARRIAGES AND OTHER SLOW MOVING VEHICLES. THE PUSHBUTTON AND SIGN SHALL BE INSTALLED TWENTY FEET FROM THE STOP BAR AND BE LOCATED WHERE THE BUTTONS CAN BE EASILY ACCESSED. THE SIGN SHALL HAVE A TWO INCH TEXT HEIGHT AND SHALL READ "HORSE CARRIAGES PUSH BUTTON FOR ADDITIONAL SIGNAL TIME".
5. THE CONTRACTOR SHALL INSTALL DETECTOR LOOPS FOR USE WITH THE TEMPORARY TRAFFIC SIGNALS IN ACCORDANCE WITH HIGHWAY STANDARD 701321.
6. THE ADVANCED DETECTOR LOOPS FOR BOTH MAINLINE APPROACHES SHALL BE LOCATED 100 FT. FROM THE STOP BAR.
7. DETECTOR LOOP LEAD-IN CABLE SHALL BE #14 TWISTED SHIELDED TO ENSURE RELIABLE OPERATION.
8. ALL DETECTOR LOOPS SHALL HAVE SIX TURNS.
9. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" DIAMETER LED LENSES.
10. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AT THE LOCATIONS INDICATED ON THE PLAN SHEETS OR DIRECTED BY THE ENGINEER.
11. THE CONTRACTOR SHALL FURNISH AND INSTALL A TEMPORARY ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. POWER FOR THE TEMPORARY ELECTRICAL SERVICE SHALL BE OBTAINED FROM THE EXISTING ROADWAY WEATHER INFORMATION SYSTEM LOCATED AT THE STRUCTURE CROSSING THE BNSF RAILROAD TRACKS (STATION 775+40). THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE, WOOD POLES, SERVICE DISCONNECT, AND ALL OTHER ITEMS REQUIRED FOR THE TEMPORARY SERVICE INSTALLATION. THE CONTRACTOR SHALL FIELD VERIFY THE DISTANCE FROM THE TEMPORARY TRAFFIC SIGNALS TO THE TEMPORARY ELECTRICAL SERVICE PRIOR TO BIDDING.
12. THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL MUTCD REQUIREMENTS.
13. THE CONTRACTOR SHALL FURNISH AND INSTALL ONE SOLAR POWERED YELLOW FLASHING BEACON PER APPROACH FOR IL 61. THE BEACONS SHALL BE MOUNTED ON THE SIGNAL AHEAD SIGNS WHICH ARE TO BE LOCATED 1000 FT. IN ADVANCE OF THE BRIDGE TRAFFIC SIGNALS. THE FLASHING BEACONS SHALL CONFORM TO THE SPECIFICATIONS CONTAINED IN THE SPECIAL PROVISIONS AND THE CONTRACTOR SHALL SUBMIT CATALOG CUT SHEETS FOR THE BEACONS TO THE DEPARTMENT FOR APPROVAL. AFTER REMOVAL OF THE TEMPORARY BRIDGE TRAFFIC SIGNALS, THE CONTRACTOR SHALL DELIVER THE FLASHERS TO THE DEPARTMENT.
14. ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS AND PLAN SHEET DETAILS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLATION. THERE WILL BE NO ADDITIONAL COMPENSATION.

STAGE I CONSTRUCTION

1. REMOVE HMA SHOULDER, HMA DRIVEWAY PAVEMENT, GUARDRAIL, CONCRETE GUTTER AND INLETS ALONG THE WEST SIDE OF IL. 61.
2. CONSTRUCT HMA BASE COURSE WIDENING ON THE WEST EDGE OF PAVEMENT AND TEMPORARY BEAM SUPPORTS. USE TRAFFIC CONTROL STANDARD 701326.
3. PLACE EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING ON DISTURBED SLOPES.

STAGE II CONSTRUCTION

1. INSTALL TEMPORARY CONCRETE BARRIERS, TEMPORARY IMPACT ATTENUATORS AND TEMPORARY TRAFFIC SIGNALS AS SHOWN ON THE STAGING PLANS. INSTALL OTHER TRAFFIC CONTROL AND PROTECTION USING HIGHWAY STANDARD 701321.
2. REMOVE EAST HALF OF EXISTING BRIDGE.
3. REMOVE GUARDRAIL, HMA SHOULDERS, HMA DRIVEWAY PAVEMENT, AND PIPE CULVERTS ALONG THE EAST SIDE OF IL. 61.
4. CONSTRUCT EAST HALF OF THE PROPOSED BRIDGE (BRIDGE PLAN STAGE I), GEOTEXTILE RETAINING WALL, HMA BINDER COURSE, SUBBASE GRANULAR MATERIAL, EMBANKMENT AND HMA BASE COURSE WIDENING.
5. INSTALL SETTLEMENT PLATFORM TO MONITOR SETTLEMENT OF EMBANKMENT.
6. INSTALL EROSION CONTROL ITEMS AS SHOWN ON THE EROSION CONTROL PLANS.

WINTER SHUT DOWN

1. INSTALL TEMPORARY CONCRETE BARRIERS, TEMPORARY IMPACT ATTENUATORS, TEMPORARY GUARDRAIL AND TEMPORARY TRAFFIC SIGNALS AS SHOWN ON THE STAGE III PLANS. INSTALL OTHER TRAFFIC CONTROL AND PROTECTION USING HIGHWAY STANDARD 701321.
2. TEMPORARY PAVEMENT MARKING SHALL BE PAINT ON THE HMA SURFACES. NO STRIPING SHALL BE PLACED ON THE PROPOSED CONCRETE BRIDGE DECK OR APPROACH PAVEMENTS.
3. SHIFT TRAFFIC AS SHOWN ON THE STAGE III PLANS.
4. CONSTRUCT EMBANKMENT AND SUBBASE GRANULAR MATERIAL ON THE WEST SIDE TO BEGIN THE SETTLEMENT PERIOD.

STAGE III CONSTRUCTION

1. REMOVE WEST HALF OF EXISTING BRIDGE.
2. REMOVE GUARDRAIL, HMA SHOULDERS, HMA DRIVEWAY PAVEMENT AND PIPE CULVERTS ALONG THE WEST SIDE OF IL 61.
3. CONSTRUCT WEST HALF OF THE PROPOSED BRIDGE (BRIDGE PLAN STAGE II), HMA BINDER COURSE, SUBBASE GRANULAR MATERIAL AND EMBANKMENT.
4. INSTALL EROSION CONTROL ITEMS AS SHOWN ON THE EROSION CONTROL PLANS.

STAGE IV CONSTRUCTION

1. CONSTRUCT HMA BASE COURSE WIDENING ON THE EAST EDGE OF PAVEMENT.
2. CONSTRUCT HMA BINDER COURSE IN 4" LIFTS ALTERNATING BETWEEN THE NORTHBOUND AND SOUTHBOUND LANES TO BRING THE PAVEMENT WITHIN 3/4" OF THE FINAL PROFILE GRADE LINE. USE TRAFFIC CONTROL STANDARD 701201.
3. MILL PAVEMENT AT APPROACH PAVEMENTS AND BEGINNING AND ENDING LIMITS OF PROJECT.
4. CONSTRUCT HMA SHOULDERS, AGGREGATE SHOULDERS, GUARDRAIL AND REMAINING EMBANKMENT.
5. CONSTRUCT FINAL 2 1/4" HMA BINDER COURSE LIFT.
6. CONSTRUCT FINAL 1 1/2" HMA SURFACE COURSE LIFT.
7. PLACE FINAL STRIPING.

USER NAME : g.jameson
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 12/21/2010

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

WHKS & co.
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 SPRINGFIELD, IL
 (217) 483-9457
 DESIGN FIRM #184001038
ENGINEERING

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL STAGING NOTES AND STAGE CONSTRUCTION SEQUENCE	
SCALE: NTS	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
542	105BR-1	McDONOUGH	117	30
CONTRACT NO. 68482				
ILLINOIS FED. AID PROJECT				