

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-07 PAVEMENT JOINTS
- 420101-04 24' (7.2 m) JOINTED PCC PAVEMENT
- 420111-03 PCC PAVEMENT ROUNDABOUTS
- 420401-09 BRIDGE APPROACH PAVEMENT CONNECTOR
- 483001-04 PCC SHOULDER
- 542401-01 METAL END SECTIONS FOR PIPE CULVERTS
- 604001-03 FRAME AND LIDS TYPE 1
- 604006-04 FRAME AND GRATE TYPE 3
- 606001-05 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 610001-06 SHOULDER INLET WITH CURB
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 630301-06 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011-09 TRAFFIC BARRIER TERMINAL, TYPE 2
- 631026-05 TRAFFIC BARRIER TERMINAL, TYPE 5
- 631031-11 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001-01 DELINEATORS
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 643001-01 SAND MODULE IMPACT ATTENUATORS
- 666001-01 RIGHT OF WAY MARKERS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-04 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
- 701011-03 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701606-08 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701901-02 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-03 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-03 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001 PRISMATIC CURB REFLECTORS
- 814001-02 HANDHOLES
- BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48 - HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AmerenCIPS - ELECTRIC
 - AmerenIP - GAS
 - AT&T ILLINOIS - COMMUNICATIONS
 - ILLINOIS AMERICAN WATER COMPANY - WATER
 - OWEST SOLUTIONS CENTER - COMMUNICATIONS
 - SHO-ME TECHNOLOGIES - COMMUNICATIONS
 - CHARTER COMMUNICATIONS
 - CLEARWAVE COMMUNICATIONS
 - CITY OF EAST ST. LOUIS
 - LEVEL 3 COMMUNICATIONS
 - SPRINT / NEXTEL
 - 360 NETWORKS INC.
 - EAST ST. LOUIS - SEWER
 - METRO EAST SANITARY DISTRICT (M.E.S.D.) - CAHOKIA CANAL
- MEMBERS OF J.U.L.I.E. (800-892-0123, OR 811) ARE INDICATED BY AN *.
- NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
2. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE SPECIAL PROVISIONS FOR POTENTIAL UTILITY CONFLICTS.
3. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE FACT THAT THERE ARE WATER MAINS MAINTAINED BY THE ILLINOIS AMERICAN WATER COMPANY (IAWC) AND/OR PRIVATE OWNERS WITHIN THE R.O.W. THE CONTRACTOR SHALL LOCATE THE WATER MAIN LOCATIONS IN CONJUNCTION WITH IAWC AND/OR PRIVATE OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION IN THESE AREAS.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

GENERAL NOTES (CONTINUED)

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL OVERHEAD, SURFACE, AND UNDERGROUND UTILITIES AND DISTRICT 8 ITS LINES/EQUIPMENT WITHIN THE PROJECT LIMITS WHETHER OR NOT THE UTILITIES ARE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR RELOCATED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE. ANY UTILITY OR DISTRICT 8 ITS EQUIPMENT THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR RELOCATED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CITY OF EAST ST. LOUIS FIRE AND POLICE DEPARTMENTS, AND MESD 14 WORKING DAYS PRIOR TO START OF CONSTRUCTION IN ORDER TO REVIEW AND COORDINATE THE CONSTRUCTION SCHEDULE.
 - EAST ST. LOUIS FIRE DEPT. CHIEF THOMAS GRIMMETT (618) 482-6875.
 - EAST ST. LOUIS POLICE DEPT. CHIEF LENZIE STEWART (618) 482-6740 OR 482-6700.
 - METRO EAST SANITARY DISTRICT (MESD) BOB SHIPLEY - (618) 452-9400
8. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE STATE ARCHAEOLOGICAL COORDINATOR - JOSEPH M. GALLO, Ph.D., RPA (618) 251-3922 - 14 WORKING DAYS PRIOR TO START OF ANY PAVEMENT OR FOUNDATION REMOVAL.
9. THE EXISTING TOPOGRAPHY SHOWN ON THE PLANS REFLECTS THE FINAL CONDITION AFTER THE COMPLETION OF CONTRACT 76E06 AND 76D05 NEAR ST. CLAIR AVENUE (IL RTE 3) AND CONTRACTS 76F69, 76F70 & 76848, AND DOES NOT NECESSARILY REFLECT CURRENT FIELD CONDITIONS.
10. ALL MANHOLE LIDS OR INLET GRATES THAT ARE REMOVED DURING THIS CONTRACT SHALL REMAIN PROPERTY OF THE ILLINOIS DEPT. OF TRANSPORTATION AND SHALL BE REMOVED WITHOUT DAMAGE AND TRANSPORTED TO THE FOLLOWING ADDRESS: BOWMAN AVE. PUMP STATION, 728 EXCHANGE AVE., EAST ST. LOUIS, ILLINOIS - IF THERE ARE ANY QUESTIONS PLEASE CONTACT PETE SAWYER AT 618-346-3275.
11. ABBREVIATIONS: T.E. = TEMPORARY EASEMENT, P.E. = PERMANENT EASEMENT, PRCFES = PRECAST REINFORCED CONCRETE FLARED END SECTION, TBF = TRENCH BACKFILL.
12. THE CONTRACTOR SHALL USE CAUTION WHEN EXCAVATING NEAR ANY RAILROAD LINE.
13. IF THE CONTRACTOR ENCOUNTERS PREVIOUSLY UNIDENTIFIED UTILITIES DURING EXCAVATION, THE CDEPARTMENT/CONTRACTOR SHALL FIRST HAVE THE UTILITY COMPANY DETERMINE IF THE UTILITY IS ABANDONED. IF THE UTILITY IS ABANDONED, THE CONTRACTOR SHALL REMOVE THE PORTIONS OF THE UTILITY THAT CONFLICT WITH CONSTRUCTION OPERATIONS AND DISPOSE OF THE REMOVED UTILITY OUTSIDE OF THE STATE RIGHT OF WAY. THIS WORK SHALL BE PAID FOR PER ARTICLE 109.04. IF THE UTILITY IS NOT ABANDONED, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY AND REQUEST THAT THE SERVICE BE TERMINATED OR RELOCATED TO THE SATISFACTION OF THE ENGINEER SO THAT THE PORTIONS OF THE UTILITY THAT CONFLICT WITH CONSTRUCTION OPERATIONS CAN BE REMOVED. THE DISPOSAL OF THE REMOVED UTILITY SHALL BE OUTSIDE OF THE STATE RIGHT OF WAY. THIS WORK SHALL BE PAID FOR PER ARTICLE 109.04.
14. THE ILLINOIS DEPARTMENT OF TRANSPORTATION STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION. TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS.
15. PLEASE CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
16. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGH OUT THE CONSTRUCTION PROJECT. THE EMBANKMENT SURFACES SHALL BE SLOPED TO DRAIN OFF THE EMBANKMENT TO SIDE SLOPES OR MEDIAN DITCHES. MEDIAN DITCHES SHALL BE GRADED TO DRAIN ACROSS THE EMBANKMENT UNTIL SUCH TIME AS THE MEDIAN INLETS ARE INSTALLED AND FUNCTIONAL. DITCHES ALONG THE SIDES OF THE EMBANKMENT SHALL BE GRADED TO DRAIN THROUGH THE EMBANKMENT UNTIL SUCH TIME THAT PIPE CULVERTS ARE INSTALLED AND FUNCTIONAL. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN EARTH EXCAVATION AND/OR FURNISHED EXCAVATION.
17. THE WORK DESCRIBED ON THE EROSION CONTROL AND SEDIMENT CONTROL SHEETS IS AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN THE NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.
18. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ARTICLE 280.03 OF THE STANDARD SPECIFICATIONS WHICH STATES THAT "NO MORE THAN A TOTAL OF 10 ACRES ARE DISTURBED AT A TIME". GROUND WHICH IS DISTURBED SHALL BE GRADED AND PROTECTED BY PERMANENT OR TEMPORARY EROSION CONTROL MEASURES TO ALLOW OTHER AREAS FOR WORK TO PROCEED WITHOUT EXCEEDING THE 10 ACRE LIMIT.

GENERAL NOTES (CONTINUED)

19. ACCESS TO THE RAILROAD YARDS SHALL BE MAINTAINED AT ALL TIMES. THE TEMPORARY RAILROAD ACCESS ROAD SHALL REMAIN OPEN UNTIL THE PERMANENT RAILROAD ACCESS ROAD IS CONSTRUCTED AND OPEN TO TRAFFIC. CONTRACTOR ACCESS TO RELOCATED IL RTE 3 NORTH OF THE MLK BRIDGE MAY BE OBTAINED VIA EXISTING MISSOURI AVENUE OR RELOCATED MISSOURI AVENUE. CROSSING RAILROAD PROPERTY UNDER THE MLK BRIDGE SHALL NOT BE ALLOWED UNLESS THE ROW IS OBTAINED BY THE DEPARTMENT.
20. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL SHALL INCLUDE THE EXCAVATION OF INSITU MATERIAL WHICH WILL BE UNSUITABLE TO SUPPORT THE PROPOSED EMBANKMENT. THE LOCATIONS AND DEPTHS OF REMOVAL HAVE BEEN ESTIMATED FROM BORING LOGS BUT FINAL LOCATIONS AND DEPTHS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
21. RIGHT OF WAY MARKERS SHALL BE INSTALLED SO THE BACK OF THE POST IS TWELVE (12") INCHES INSIDE THE RIGHT OF WAY BOUNDARY. THE RIGHT OF WAY MARKER SHALL BE A WITNESS TO THE RIGHT OF WAY CORNER WHICH IS THE PROPERTY PIN. THE RIGHT OF WAY CORNER OR PROPERTY PIN IS A 5"8" IRON ROD WITH IDOT ALUMINUM CAP THAT SHALL NOT BE REMOVED, DAMAGED OR DISTURBED WHEN SETTING THE RIGHT OF WAY MARKERS AT THE TWELVE INCH (12") OFFSET.
22. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

GENERAL NOTES FOR RIVERPARK DRIVE WORK

1. EXISTING SIDEWALK, CURB, GUTTER, AND PAVEMENT DAMAGED DURING CONSTRUCTION AND NOT INDICATED ON THE PLANS AS NEW WORK SHALL BE REPLACED AT NO COST TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
2. PROPOSED WORK SHALL MEET EXISTING CURB AND/OR PAVEMENT ELEVATIONS AS REQUIRED.
3. ALL TREES AND SHRUBS SHALL BE PROTECTED AND REMAIN IN PLACE UNLESS OTHERWISE NOTED. ALL AREAS DISTURBED AREAS FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
4. WORK SHALL BE PERFORMED KEEPING ONE LANE OF TRAFFIC OPEN ON RIVER PARK DRIVE IN EACH DIRECTION AT ALL TIMES. TEMPORARY LANE CLOSURES SHALL BE DONE IN ACCORDANCE WITH STANDARD 701606. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH STANDARD 701901.
5. PREFORMED PLASTIC PAVEMENT MARKING IS TO BE "TYPE B INLAID" ON HMA SURFACES.
6. LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND SHOWN FOR INFORMATION PURPOSES. THE IMPLIED PRESENCE, OR ABSENCE, OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTING, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

COMMITMENTS

1. ANY WATER WELLS FOUND DURING CONSTRUCTION WILL BE SEALED ACCORDING TO IEPA TO PREVENT GROUNDWATER POLLUTION FROM CONSTRUCTION AND FROM FUTURE ROADWAY MAINTENANCE.
2. THE TREE REMOVALS WILL BE MITIGATED IN A FUTURE CONTRACT AS PART OF THE IDOT TREE REPLACEMENT PROGRAM UNDER DEPARTMENT POLICY D & E-18.
3. IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT: www.AGR.STATE.IL.US/EAB.
4. RIVERPARK DRIVE SHALL BE RESURFACED AND STRIPED FOR THE PROPOSED INTERSECTION WITH THE RIVERPARK DRIVE CONNECTOR TO IL RTE 3 WHEN THE CONNECTOR IS CONSTRUCTED.

MIX DESIGN CHART

MIXTURE USE	RIVER PARK DRIVE	RAILROAD ACCESS ROAD	RAILROAD ACCESS ROAD
	HOT-MIX ASPHALT SURFACE COURSE	BINDER COURSE	SURFACE COURSE
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE RAP SPEC.	SEE RAP SPEC.	SEE RAP SPEC.
DESIGN AIR VOIDS	4.0% @ NDES=70	4.0% @ NDES=50	4.0% @ NDES=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0 FG	IL 19.0
FRICTION AGG	MIXTURE "D"	MIXTURE B	MIXTURE C

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN.

<p>Farnsworth GROUP, INC. 2709 McGraw Drive Bloomington, Illinois 61704 309/833-9435, 309/863-1674 fax</p>	USER: 24912 - <i>blmeyer</i> PLOT SCALE: 24800 1/2" = 1" PLOT DATE: 3/21/2013	DESIGNED: JJO DRAWN: JJO CHECKED: PJM DATE: 03/20/13	REVISED: - REVISED: - REVISED: - REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		GENERAL NOTES				F.A.P. RTE.: 788 SECTION: 520-1-2 COUNTY: ST. CLAIR TOTAL SHEETS: 142 SHEET NO.: 2 CONTRACT NO.: 76850
	SCALE: SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT							