

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
592	121-1R, 121HVB	ST CLAIR	239	2
HIGHWAY STANDARDS & GENERAL NOTES				

**GENERAL NOTES**

1. THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007, THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.
2. AN ESTIMATED QUANTITY OF 1000 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THE CONTRACT FOR MAINTAINING ACCESS TO ENTRANCES. THE ACTUAL QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. THE EXISTING ROAD SIGNS THAT WILL BE REMOVED AND NOT RELOCATED SHALL REMAIN THE PROPERTY OF THE STATE OF ILLINOIS. UPON REMOVAL OF THE EXISTING SIGNS, THE CONTRACTOR SHALL DELIVER THE SIGNS TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION, TRAFFIC AND MAINTENANCE YARD, 9601 ST. CLAIR AVENUE, FAIRVIEW HEIGHTS, ILLINOIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE SIGN REMOVAL.
4. ALL EXISTING FEATURES WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ALL INCIDENTAL FEATURES SUCH AS RAILROAD TIES AND WALLS TO BE REMOVED FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS INCIDENTAL WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION.
5. FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
6. THE BRIDGE EMBANKMENT SHALL BE IN PLACE FOR APPROXIMATELY 60 DAYS BEFORE THE BRIDGE ABUTMENT PILING ARE DRIVEN. THE ACTUAL SETTLEMENT PERIOD WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. SETTLEMENT SHALL BE MONITORED BY USING ONE SETTLEMENT PLATFORM FOR EACH EMBANKMENT IN ACCORDANCE WITH SECTION 204 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." THE PLACING AND MONITORING OF THE SETTLEMENT PLATFORMS AND ADDITIONAL FILL REQUIRED DUE TO SETTLEMENT, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR FURNISHED EXCAVATION.
7. THE AREAS DEDICATED FOR TREE REPLACEMENT, ALONG WITH THE QUANTITIES AND SPECIES OF THE TREES, ARE SHOWN ON THE STORM WATER POLLUTION PREVENTION PLANS. THE EXACT LOCATION OF THE TREES WILL BE DIRECTED BY THE ENGINEER AFTER CONSULTATION WITH THE VILLAGE OFFICIALS AND THE CONTRACTOR. IN LOCATIONS WHERE THE TREES ARE TO BE PLANTED IN THE PAVEMENT REMOVAL AREAS, THE GROUND SHALL BE LOOSENEED AND PREPARED TO THE SATISFACTION OF THE ENGINEER.
8. SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME AND TELEPHONE NUMBER OF THE RAILROAD ENGINEER IS DAVE MCKERNAN, 314-992-1169.
9. THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE UNIT PRICE FOR THE STORM SEWERS INVOLVED.
10. THE REMOVAL OF HEADWALLS AND END SECTIONS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICES FOR STORM SEWER REMOVAL AND CULVERT REMOVAL INVOLVED.
11. WHEN DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN DRAINAGE STRUCTURES AND THE FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES (NEW AND EXISTING) SHALL BE FREE OF ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICES FOR THE STORM SEWERS INVOLVED.
12. AN ESTIMATED QUANTITY OF 100 FEET OF PIPE DRAINS 6" HAVE BEEN INCLUDED IN THE CONTRACT TO ADJUST EXISTING ROOF DRAINS THAT ARE DISTURBED DURING CONSTRUCTION. THE ACTUAL QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
13. THE CONTRACTOR SHALL VERIFY THE ELEVATION OF EXISTING STORM SEWER THAT WILL REMAIN IN PLACE PRIOR TO ORDERING THE STORM SEWER STRUCTURES.
14. THE OFFSETS AND GRATE ELEVATIONS TO ALL INLETS AND MANHOLES IN CURBED ROADWAYS ARE PROVIDED AT THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED. THE OFFSETS AND ELEVATIONS TO INLETS AND MANHOLES BEYOND THE ROADWAY SECTION ARE TO THE CENTER OF THE DRAINAGE STRUCTURE. THE OFFSETS AND GRATE ELEVATIONS FOR INLET BOX (STANDARD 609006) ARE TO THE FACE OF CURB. SEE MISCELLANEOUS DETAILS SHEET FOR OFFSET AND ELEVATION DETAILS.
15. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS TO REMAIN UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
16. THE CONTRACTOR SHALL STAGE HIS/HER WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OPERATIONS.
17. THE CONTRACTOR SHALL CONFINE HIS/HER OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMITS, SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
18. A METAL ROD 5/8" X 30" WITH A DIVISION OF HIGHWAY ALUMINUM CAP WAS SET TO MONUMENT THE POSITION CORNER OF THE PERMANENT EASEMENT AT THE FOLLOWING LOCATIONS. IF THE MONUMENT IS DISTURBED IT SHALL BE REPLACED.  
 150.00' LT. STA. 5028+85.06  
 2302.90' RT. STA. 5029+32.66  
 150.00' LT. STA. 5029+85.61  
 294.15' RT. STA. 5030.32.29

**HIGHWAY STANDARDS**

- 000001-05 - STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-01 - AREAS OF REINFORCEMENT REBARS
- 001006 - DECIMAL OF AN INCH AND OF A FOOT
- 280001-04 - TEMPORARY EROSION CONTROL SYSTEMS
- 420401-06 - BRIDGE APPROACH PAVEMENT
- 424001-05 - CURB RAMPS FOR SIDEWALKS
- 442201-03 - CLASS C AND D PATCHES
- 482001-02 - HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 515001-02 - NAME PLATE FOR BRIDGES
- 542101-01 - REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 36" AT RIGHT ANGLES WITH ROADWAY
- 542106-01 - REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 42" THRU 60" AT RIGHT ANGLES WITH ROADWAY
- 542301-01 - PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542306-01 - PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
- 542401 - METAL END SECTION FOR PIPE CULVERTS
- 601101 - CONCRETE HEADWALL FOR PIPE DRAIN
- 602301-01 - INLET - TYPE A
- 602306-01 - INLET - TYPE B
- 602401-01 - MANHOLE TYPE A
- 602406-02 - MANHOLE TYPE A 6' DIAMETER
- 602701-01 - MANHOLE STEPS
- 604001-02 - FRAME AND LIDS TYPE 1
- 604006-03 - FRAME AND GRATE TYPE 3
- 604026-01 - FRAME AND GRATE TYPE 6
- 604036-01 - GRATE TYPE 8
- 604091-01 - FRAME AND GRATE TYPE 24
- 606001-03 - CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606006-01 - OUTLET FOR CONCRETE CURB AND GUTTER TYPE B-6.24
- 606301-03 - PC CONCRETE ISLANDS AND MEDIANS
- 606306-02 - CORRUGATED PC CONCRETE MEDIANS
- 606401 - PAVED DITCH
- 609006-03 - BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
- 630001-07 - STEEL PLATE BEAM GUARDRAIL
- 630301-04 - SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011-04 - TRAFFIC BARRIER TERMINAL TYPE 2
- 631031-06 - TRAFFIC BARRIER TERMINAL TYPE 6
- 635006-02 - REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 - REFLECTOR MARKER AND MOUNTING DETAILS
- 666001 - RIGHT OF WAY MARKERS
- 667101 - PERMANENT SURVEY MARKERS
- 701101-01 - OFF-ROAD OPERATIONS, MULTILANE LESS THAN 15' FROM PAVEMENT EDGE
- 701106-01 - OFF-ROAD OPERATIONS, MULTILANE MORE THAN 15' FROM PAVEMENT EDGE
- 701421-01 - LANE CLOSURE, MULTILANE - DAY OPERATIONS ONLY 45-55 MPH
- 701422-01 - LANE CLOSURE, MULTILANE 45-55 MPH
- 701426-02 - LANE CLOSURE MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS >= 45 MPH
- 701431-04 - LANE CLOSURE MULTILANE, UNDIVIDED WITH CROSSOVER, FOR SPEEDS >= 45 MPH TO 55 MPH
- 701501-04 - URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
- 701602-03 - URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-05 - URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901 - TRAFFIC CONTROL DEVICES
- 704001-04 - TEMPORARY CONCRETE BARRIER
- 720001 - SIGN PANEL MOUNTING DETAILS
- 720006-01 - SIGN PANEL ERECTION DETAILS
- 720011 - METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 720016-01 - MAST ARM MOUNTED STREET NAME SIGNS
- 728001 - TELESCOPING STEEL SIGN SUPPORT
- 729001 - APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
- 731001 - BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-01 - TYPICAL PAVEMENT MARKINGS
- 781001-02 - TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 805001 - ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001-01 - HANDHOLES
- 814006-01 - DOUBLE HANDHOLES
- 857001 - STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 873001-01 - TRAFFIC SIGNAL GROUNDING & BONDING
- 877001-03 - STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 878001-06 - CONCRETE FOUNDATION DETAILS
- 880006 - TRAFFIC SIGNAL MOUNTING DETAILS
- 886001 - DETECTOR LOOP INSTALLATIONS
- 886006 - TYPICAL LAYOUTS FOR DETECTION LOOPS
- BLR 21-6 - TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

ILLINOIS DEPARTMENT OF TRANSPORTATION

**HIGHWAY STANDARD & GENERAL NOTES**

FAP ROUTE 592  
 SECTION 121-1R, 121HVB  
 ST. CLAIR COUNTY

DRAWN BY:

REVISIONS	
NAME	DATE