

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE APPLICABLE REQUIREMENT SET FORTH IN "THE CONSTRUCTION SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007. THEREINAFTER REFERRED TO AS STANDARD SPECIFICATIONS, THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, IN EFFECT ON THE DATE OF INVITATION FOR BIDS; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2011; AS INCLUDED IN THE CONTRACT DOCUMENTS; AND THE DETAILS AND STANDARDS CONTAINED IN THESE PLANS.
- BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE ENGINEER.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON PUBLIC OR PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION FROM ENGINEER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM PAY ITEMS.
- 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.
- ALL EXCAVATION AND EMBANKMENT LOCATIONS REQUIRING SEEDING OR SODDING SHALL BE CONSTRUCTED TO 6 IN BELOW FINISHED GRADE LINE TO ALLOW TOPSOIL PLACEMENT.
- MAINTENANCE OF TRAFFIC-GENERAL: TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES OF THE TIME OF NOTIFICATION BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
- PAVEMENT GRADES: THE GRADES SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.
- ALL EXISTING SIGNING SHALL BE MAINTAINED IN PLACE UNTIL NEW SIGNING IS ERECTED. REMOVAL OF EXISTING SIGNING SHALL NOT PROCEED UNTIL DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL COVER EXISTING SIGNING TO PREVENT CONFUSION AS DIRECTED BY THE ENGINEER. THE COST OF THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.
- TRAFFIC CONTROL DEVICES: ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC AS DETAILED ON THE PLANS SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- A SHRINKAGE FACTOR OF 15% WAS USED FOR EARTH EXCAVATION.
- SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE WORK FOR PAVEMENT REMOVAL, BRIDGE RAILING REMOVAL, DRIVEWAY REMOVAL, SIDEWALK REMOVAL AND CURB AND GUTTER REMOVAL.
- THE CONNECTION OF ALL EXISTING AND PROPOSED STORM SEWERS TO THE EXISTING AND PROPOSED STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER SYSTEM.
- WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, TEMPORARY DITCHES OR GUTTERS SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS. ALL DRAINAGE STRUCTURES SHALL BE CLEANED AS NECESSARY TO INSURE THAT THEY ARE FREE FROM ALL DIRT AND DEBRIS PRIOR TO THE FINAL INSPECTION OF THE PROJECT. THIS WORK WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF DRAINAGE STRUCTURES OF THE TYPE SPECIFIED.
- A NOMINAL QUANTITY OF 350 CY OF POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN PROVIDED FOR POTENTIAL LOCATIONS WHERE SOILS TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL, AND PROOF ROLLED USING A FULL LOAD SEMI). IF UNSTABLE AND/OR UNSUITABLE MATERIALS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- SURVEY LAYOUT: CONTRACTOR WILL PROVIDE SURVEY LAYOUT IN ACCORDANCE WITH CHECK SHEET #10, CONSTRUCTION LAYOUT STAKES, OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. IN ADDITION TO THE LAYOUT REQUIREMENTS TO BE PERFORMED BY THE CONTRACTOR AS PART OF CHECK SHEET #10, HIS RESPONSIBILITIES WILL INCLUDE HORIZONTAL AND VERTICAL LAYOUT OF ALL POINTS ASSOCIATED WITH THE ROADWAY, AND BIKE PATH IMPROVEMENTS WHICH INCLUDES, BUT SHALL NOT LIMITED TO, EARTHWORK, SUBBASE, CURB AND GUTTERS, DRAINAGE STRUCTURES, PAVEMENTS SURFACES, AND SHALL ALSO INCLUDE ALL LAYOUT ASSOCIATED WITH THE SUBSTRUCTURE AND SUPERSTRUCTURE WORK, WHICH INCLUDES, BUT SHALL NOT LIMITED TO, PILING, WALLS, STRUCTURAL STEEL, FILLETS, DECKING AND RAILINGS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT IS CONSIDERED INCLUDED IN THE UNIT COST BID FOR CONSTRUCTION LAYOUT.
- EARTH EXCAVATION SHALL BE PAID FOR ONLY ONCE, REGARDLESS OF STAGING. STOCK PILING OF MATERIALS FOR LATER USE AND REDISTRIBUTION SHALL BE DONE AT THE CONTRACTOR'S EXPENSE. STOCK PILING NECESSARY FOR RESPREADING IN SHOULDERS, CONSTRUCTING EMBANKMENTS, CUT OR BORROW AREAS SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION.
- GEOTECHNICAL FABRIC GROUND STABILIZATION: ITEM NO. 2100100 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION WILL ONLY BE UTILIZED IN AREAS THAT HAVE BEEN IDENTIFIED AS SUBGRADE UNDERCUTS AREAS OR WHERE DETERMINED IN THE FIELD BY A GEOTECHNICAL ENGINEER. THE FABRIC WILL BE USED IN COMBINATION WITH PGE. THE QUANTITY INCLUDED IN THE PLANS IS A NOMINAL QUANTITY AND SHALL BE DEDUCTED IF NOT USED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.
- THE MATERIAL FOR SUB-BASE GRANULAR MATERIAL TYPE B SHALL BE IDOT GRADATION CA-6. GRAVEL, CRUSHED CONCRETE, CRUSHED SLAG OR CRUSHED SANDSTONE SHALL NOT BE ALLOWED.
- AGGREGATE BASE COURSE, TYPE B SHALL MEET THE REQUIREMENTS LISTED IN SECTION 351 EXCEPT THAT THE MATERIAL TO BE USED SHALL BE IDOT GRADATION CA-6 CRUSHED LIMESTONE (MINIMUM IBR=80).
- FLASHING LIGHTS WILL BE PROVIDED BY THE CONTRACTOR ON BARRICADES AS REQUIRED BY THE ENGINEER. THESE LIGHTS SHALL MEET THE REQUIREMENTS OF THE STATE OF ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- TRENCH BACKFILL CONSTRUCTION REQUIREMENTS SHALL MEET REQUIREMENTS LISTED IN SECTION 208 EXCEPT THAT THE MATERIAL TO BE USED SHALL BE IDOT GRADATION CA-6 CRUSHED LIMESTONE (MINIMUM IBR=80).
- ANY WORK (FINISHED CONCRETE, ASPHALT, ETC.), WHICH HAS BEEN VANDALIZED, WILL BE REPLACED, NOT REPAIRED, BY THE CONTRACTOR AT THEIR EXPENSE. IT IS RECOMMENDED BY KANE COUNTY FOREST PRESERVE DISTRICT AND THE FOX VALLEY PARK DISTRICT THAT THE CONTRACTOR FINISH A NORMAL DAY'S CONCRETE POUR BY 2:00 P.M. TO ALLOW THE CONCRETE TO SET UP BEFORE THE CREWS LEAVE THE JOB.
- THE CONTRACTOR SHALL CONFINE ALL CONSTRUCTION OPERATIONS TO THE CONSTRUCTION LIMITS SHOWN ON THE PLANS. ANY DAMAGE TO AREAS OUTSIDE OF THE PROJECT CONSTRUCTION LIMITS RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE OWNER. NO EXTRA COMPENSATION WILL BE ALLOWED.

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HIGHWAY STANDARDS

| STANDARD NUMBER | DESCRIPTION |
|-----------------|--|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 280001-05 | TEMPORARY EROSION CONTROL SYSTEMS |
| 442201-03 | CLASS C AND D PATCHES |
| 515001-03 | NAME PLATES FOR BRIDGES |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION (FOR 24" TO 54" PIPE) |
| 542311-02 | GRATING FOR CONCRETE FLARED END SECTION |
| 602001-02 | CATCH BASIN TYPE A |
| 602011-02 | CATCH BASIN TYPE C |
| 602301-03 | INLET - TYPE A |
| 602601-02 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP |
| 602701-02 | MANHOLE STEPS |
| 604001-03 | FRAME AND LIDS TYPE 1 |
| 604036-02 | GRATE TYPE B |
| 606001-04 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 701001-02 | OFF-ROAD OPERATIONS, 2 LANE, 2 WAY, MORE THAN 15' AWAY |
| 701006-03 | OFF-ROAD OPERATIONS, 2 LANE, 2 WAY, 15' TO 24" FROM PAVEMENT EDGE |
| 701011-02 | OFF-ROAD MOVING OPERATIONS, 2 LANE, 2 WAY, DAY ONLY |
| 701301-04 | LANE CLOSURE, 2 LANE, 2 WAY SHORT TIME OPERATIONS |
| 701502-04 | URBAN LANE CLOSURE, 2 LANE, 2 WAY, WITH BIDIRECTIONAL LEFT TURN LANE |
| 701701-07 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-04 | LANE CLOSURE, MULTILANE 1 WAY OR 2 WAY CROSSWALK OR SIDEWALK CLOSURE |
| 701901-01 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN MOUNTING DETAILS |
| 720006-02 | SIGN PANEL ERECTION DETAILS |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS & DELINEATORS |
| 729001-01 | APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS) |
| 780001-02 | TYPICAL PAVEMENT MARKINGS |

DISTRICT STANDARDS

* DISTRICT STANDARDS INCLUDED IN PLAN SET AS SHEETS 48-49

| DETAILS | DESCRIPTION |
|---------|--|
| TC10 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS |
| TC13 | DISTRICT ONE TYPICAL PAVEMENT MARKINGS |

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| USER NAME = #USER# | DESIGNED - DB | REVISED - 10/5/10 |
| PLOT SCALE = N/A | DRAWN - NP | REVISED - |
| PLOT DATE = 1/4/2011 | CHECKED - DB | REVISED - |
| | DATE - 12/20/10 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES
INDEX OF SHEETS & HIGHWAY STANDARDS**

SCALE: N/A SHEET NO. 2 OF 58 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|-----------|
| | 05-F3000-06-BT | KANE | 58 | 2 |
| CONTRACT NO.63517 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |