

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2013; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS" (SSTCI), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE ENGINEER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO VERIFY EXISTING DIMENSIONS OR CONDITIONS.
- THE CONTRACTOR SHALL LIMIT HIS/HER CONSTRUCTION ACTIVITIES TO THE WORK AREAS DESIGNATED ON THE PLANS. ANY DAMAGE TO AREAS OUTSIDE OF THESE LIMITS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE FOREST PRESERVE DISTRICT AT 708-771-1355 AND THE CHICAGO BOTANIC GARDEN AT 847-835-8355 AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK AND COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
- THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS. THIS WORK WILL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION. IF EXISTING SIGNS ARE DAMAGED DURING THE REMOVAL AND REPLACEMENT PROCESS, THE SIGN SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- DURING THE CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM TRAFFIC CONTROL AND PROTECTION.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE UNION PACIFIC RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE UNION PACIFIC RAILROAD TO MONITOR ON-COMING TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.
- SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.
- THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ANY OTHER ROADWAY PROJECTS WITHIN THE AREA THAT ARE UNDER CONSTRUCTION AT THE SAME TIME.
- A QUANTITY OF AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR USE AT LOCATIONS OF UNSUITABLE OR UNSTABLE SOIL. THE NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE OR UNSTABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

- THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
- ANY SIGNAGE, PAVEMENT MARKINGS OR REFLECTORS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED ANEW.

- UTILITIES**
 - ALL UNDERGROUND UTILITY LOCATIONS, INCLUDING BUT NOT LIMITED TO SANITARY AND STORM SEWERS, WATER MAINS AND THEIR RESPECTIVE SERVICE LINES, SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL UTILITIES AS NECESSARY, PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. AT (800) 892-0123, AND ALL PUBLIC AND PRIVATE UTILITIES BEFORE STARTING CONSTRUCTION.

(B) THE CONTRACTOR SHALL TEMPORARILY BRACE/SUPPORT EXISTING UTILITIES DURING THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ITEM BEING CONSTRUCTED.

(C) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

(D) A 24 INCH WATER MAIN BELONGING TO THE VILLAGE OF NORTHBROOK IS LOCATED IN THE PARKWAY ON THE SOUTH SIDE OF LAKE COOK ROAD. THE WATER MAIN SERVES THE VILLAGE'S WATER TREATMENT PLANT AND MUST BE PROTECTED FROM POTENTIAL DAMAGE AT ALL TIMES.

(E) THE VILLAGE OF NORTHBROOK SHALL BE CONTACTED AT 847-664-419 A MINIMUM OF 72 HOURS PRIOR TO ANY CONSTRUCTION WITHIN 20 FEET OF THE VILLAGE'S WATER MAIN.

UTILITY POINTS OF CONTACT	
AT&T (DISTRIBUTION) 1000 COMMERCE DRIVE, FLOOR 1 OAK BROOK, IL 60523 ATTN: MR. DAVID PHELPS 630-573-6464	NORTHBROOK PUBLIC WORKS 655 HUEHL ROAD NORTHBROOK, IL ATTN: KELLY HAMILL 847-644-4110
COMED 1500 FRANKLIN BLVD. LIBERTYVILLE, IL 60048 ATTN: MS. TERRI BLECK 847-816-5239	NORTH SHORE GAS CO. 3001 GRAND AVENUE WAUKEGAN, IL 60085 ATTN: MR. STEVE WARMINGTON 847-263-4666
CITY OF HIGHLAND PARK 1150 HALF DAY ROAD HIGHLAND PARK, IL 60035 ATTN: JOHN WELCH 847-432-0807	VILLAGE OF GLENCOE 675 VILLAGE COURT GLENCOE, IL 60022 ATTN: DAVID MAU 847-835-4111

- MISCELLANEOUS**
 - ALL SAWCUTTING SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

(B) THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM THICKNESS PERMITTED.

- SOIL EROSION AND SEDIMENT CONTROL**
 - SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.
 - UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED AT MINIMUM ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. A COPY OF THE

- APPROVED SOIL EROSION AND SEDIMENT CONTROL (SESC) PLAN MUST BE MAINTAINED ON THE SITE AT ALL TIMES.
- THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE COOK COUNTY FOREST PRESERVE DISTRICT (CCFPD), OR THEIR AUTHORIZED REPRESENTATIVE. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.
 - THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL TEMPORARY OR PERMANENT EROSION PROTECTION TO CONTROL SOIL EROSION, OR INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.

(E) AFTER ALL PERIMETER EROSION BARRIER IS REMOVED, THE AREAS DAMAGED BY THE PERIMETER EROSION BARRIER MUST BE RESTORED. THE COST OF THE RESTORATION SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

(F) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DIVERT ALL WATER (GROUND, STORM, AND CONSTRUCTION) DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREAS FREE OF WATER. BYPASS PUMPING, INCLUDING SILT BAGS AND AN ENERGY DISSIPATION SURFACE FOR THE PUMPS, SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SIZE THE PUMPS APPROPRIATELY.

(G) DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.

(H) ANY WORK WITHIN A STREAM OR DITCH CAPABLE OF CONVEYING WATER MUST BE CONDUCTED IN THE DRY WHENEVER POSSIBLE. PROVISIONS MUST BE MADE TO BY-PASS PUMP OR DEWATER ANY AREAS WITHIN THE STREAM OR DITCH IN WHICH WORK WILL BE CONDUCTED.

(I) CONSTRUCTION ACTIVITIES MUST BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED. IN NO CASE WILL THE EXISTING VEGETATION BE DESTROYED, REMOVED, OR DISTURBED MORE THAN FOURTEEN (14) DAYS PRIOR TO THE INITIATION OF IMPROVEMENTS.

(J) TEMPORARY CONSTRUCTION ENTRANCES WILL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES THE SITE. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, MUST BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAYS MUST BE REMOVED IMMEDIATELY.

(K) ALL DISTURBED SOILS ARE TO BE STABILIZED, TEMPORARILY OR PERMANENTLY, WITHIN SEVEN (7) DAYS OF CONSTRUCTION ACTIVITY HAVING CEASED IF THE SOIL IS TO REMAIN UNDISTURBED FOR MORE THAN FOURTEEN (14) DAYS. TEMPORARY SEEDING SHALL CONSIST OF OATS AT 90 LBS/ACRE (OR OTHER MIX APPROVED BY THE CHICAGO BOTANIC GARDEN OR CCFPD).

(L) STOCK PILES OF SOIL MUST NOT BE LOCATED IN FLOOD PLAINS, RIPARIAN AREAS (VEGETATED FLOOD PLAINS), WETLANDS AND WATERS OF THE U.S., UNLESS OTHERWISE AUTHORIZED BY THE RELEVANT PERMITTING AUTHORITY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, PERIMETER EROSION BARRIER MUST BE PROVIDED. IF THE STOCKPILE IS INACTIVE FOR MORE THAN 14 DAYS, SOIL STABILIZATION MUST BE PROVIDED BY THE 7TH DAY AFTER ACTIVITY HAS STOPPED.

(M) CONTRACTOR MUST INSTALL PERIMETER EROSION BARRIER AT ANY LOCATION IN WHICH SHEET FLOWS MAY RESULT IN SEDIMENT RUNOFF OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR MAY USE OTHER METHODS TO CONTROL RUNOFF, INCLUDING, BUT NOT LIMITED TO, TEMPORARY SEDIMENT TRAPS, SHAPED DITCHES TO CONVEY WATER, ETC.

(N) CCFPD, OR THEIR AUTHORIZED REPRESENTATIVE, MUST MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN DAYS OF THE FOLLOWING: 1) DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED, 2) STRUCTURAL CONTROL MEASURES (SILT FENCES, ETC), AND 3) LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE. AN ADDITIONAL INSPECTION OF THE ITEMS LISTED ABOVE MUST BE MADE WITHIN TWENTY-FOUR (24) HOURS OF A 0.5-INCH OR GREATER RAINFALL OR EQUIVALENT SNOWFALL.

(O) ALL STORM SEWER INLET STRUCTURES (INCLUDING INLETS LOCATED WITHIN THE TRUCK HAUL ROUTE) MUST BE PROTECTED WITH STORM SEWER INLET PROTECTION (I.E. INLET FILTERS) PER INLET PROTECTION DETAILS IN THE PLANS, ALTERNATE TYPES OF PROTECTION MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY CCFPD AND THE NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT.

(P) THE NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT (SWCD) SHALL BE CONTACTED AT 847-468-0071 AT LEAST 1 WEEK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION FOR A PRE-CONSTRUCTION SITE MEETING.

(Q) ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS. INSPECTIONS SHALL BE CONDUCTED DAILY AND STREETS CLEANED WHEN NECESSARY. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

(R) ACCESS TO THE WORK AREA WILL ONLY BE ALLOWED FROM STABILIZED CONSTRUCTION ENTRANCES.

(S) PLEASE REFER TO THE OVERALL LANDSCAPE PLAN FOR FINAL STABILIZATION INCLUDING SEED MIXES, EROSION CONTROL BLANKET AND SODDING.

IDOT STANDARDS	
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND A FOOT
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-04	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-03	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-05	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-08	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
878001-09	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNT DETAILS

DISTRICT ONE DETAILS	
TC-10	TRAFFIC CONTROL FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-09	PEDESTRIAN PUSH BUTTON POST, TYPE A