

GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2010; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION, THE "DETAILS" IN THE PLANS, LATEST EDITION OF THE MANUAL OF TEST PROCEDURE OF MATERIALS, THE AMERICAN WITH DISABILITIES ACT OF 1990 ACCESSIBILITY GUIDELINES, THE "DRAFT" REHABILITATION ACT OF 1973 (SECTION 504), THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES, AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE CITY IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE CITY MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE CITY DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

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 OR THE CITY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 OR 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE CITY, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED, AND SHALL BE AS INDICATED ON THE PLANS, ELEVATIONS SHOWN AT POINT OF CURVE, ETC. IS EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

WATER, STORM SEWER AND SANITARY SEWER

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCIDENTAL TO THE CONTRACT.

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE CITY WATER DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

MISCELLANEOUS

ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. THE COST TO PROVIDE ACCESS SHALL BE PAID FOR AND INCLUDED IN THE ITEMS FOR TRAFFIC CONTROL AND PROTECTION.

DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

ALL SAWCUTTING SHALL BE INCLUDED TO REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

SEEDING, NUTRIENTS, MULCH, EROSION CONTROL BLANKET ARE NOT SHOWN ON THE PLAN BUT WILL BE DETERMINED BY THE ENGINEER IN THE FIELD AND WILL NOT EXCEED THE PLAN QUANTITY.

EXISTING PAVEMENT SECTION IS ASSUMED TO BE 13". REMOVAL OF ANY ADDITIONAL MATERIAL TO GET DOWN TO PROPER ELEVATION FOR INSTALLATION OF AGGREGATE BASE COURSE SHALL BE INCLUDED IN COST FOR PAVEMENT REMOVAL.

THE THICKNESSES 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.

DETECTABLE WARNINGS FOR THE HANDICAPPED SHALL BE INSTALLED AT ALL INTERSECTING STREETS, SIGNALIZED COMMERCIAL DRIVEWAYS AND SIGNALIZED ALLEYS AS DIRECTED BY THE ENGINEER (SEE IDOT STD. 424001-05 INCLUDED IN THE SPECIFICATIONS). CONTRACTOR SHALL VERIFY THAT ALL SLOPES MEET ADA REQUIREMENTS PRIOR TO INSTALLING SIDEWALK DETECTABLE WARNINGS AND ADJACENT CURB AND GUTTER.

PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.

RELOCATING EXISTING SIGNS: EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". STOP SIGNS, SPEED LIMIT SIGNS, AND STREET NAME SIGNS SHALL BE UP AND VISIBLE AT ALL TIMES. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM TRAFFIC CONTROL AND PROTECTION, STANDARD 701501.

PER ARTICLE 107.20, MAILBOXES WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED, TEMPORARILY RELOCATED, AND REPLACED UPON COMPLETION OF THE PROPOSED IMPROVEMENTS AS DIRECTED BY THE ENGINEER.

PROPOSED CONCRETE CURB AND GUTTER SHALL BE TRANSITIONED TO EXISTING CURB AND GUTTER OVER A LENGTH OF 5 FEET. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12.

ALL UNDERGROUND, DRIVEWAY, CONCRETE, AND LANDSCAPE RESTORATION WORK IS TO BE COMPLETED BEFORE THE SURFACE COURSE CAN BE INSTALLED.

PROTECTIVE COAT FOR ALL PCC SIDEWALK AND CONCRETE CURB AND GUTTER SURFACES SHALL BE CONSIDERED INCIDENTAL TO THE RESPECTIVE PAY ITEMS.

IDOT HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
424001-05	CURB RAMPS FOR SIDEWALKS
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-02	TYPE B GUTTER (INLET, OUTLET AND ENTRANCE)
631011-06	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-08	TRAFFIC BARRIER TERMINAL, TYPE 6
701501-05	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS
BLR 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR 18-5	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE

CONDITIONS FOR ARMY CORPS OF ENGINEERS - REGIONAL PERMIT 7 & 9

COST TO PERFORM THIS WORK UNDER THESE CONDITIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING TERMS AND CONDITIONS OF THE REGIONAL PERMITS AND THE FOLLOWING GENERAL CONDITIONS FOR ALL ACTIVITIES AUTHORIZED UNDER THE REGIONAL PERMIT PROGRAM (RPP):

STATE 401 WATER QUALITY CERTIFICATION - WATER QUALITY CERTIFICATION UNDER SECTION 401 OF THE CLEAN WATER ACT IS REQUIRED FROM THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA). THE DISTRICT MAY CONSIDER WATER QUALITY, AMONG OTHER FACTORS, IN DETERMINING WHETHER TO EXERCISE DISCRETIONARY AUTHORITY AND REQUIRE AN INDIVIDUAL PERMIT. PLEASE NOTE THAT SECTION 401 WATER QUALITY CERTIFICATION IS A REQUIREMENT FOR PROJECTS ISSUED UNDER SECTION 404 OF THE CLEAN WATER ACT. PROJECTS ISSUED UNDER SECTION 10 OF THE RIVERS AND HARBORS ACT OF 1899 DO NOT REQUIRE SECTION 401 WATER QUALITY CERTIFICATION (SEE APPENDIX B).

ON JANUARY 31, 2007, THE IEPA GRANTED SECTION 401 CERTIFICATION, WITH CONDITIONS, FOR ALL REGIONAL PERMITS EXCEPT FOR ACTIVITIES IN CERTAIN WATERWAYS NOTED UNDER RPS 4 AND 8. THE FOLLOWING CONDITIONS OF THE CERTIFICATION ARE HEREBY MADE CONDITIONS OF THE RPP:

1. THE CONTRACTOR SHALL NOT CAUSE:

- A) VIOLATION OF APPLICABLE WATER QUALITY STANDARDS OF THE ILLINOIS POLLUTION CONTROL BOARD TITLE 35, SUBTITLE C: WATER POLLUTION RULES AND REGULATIONS;
- B) WATER POLLUTION DEFINED AND PROHIBITED BY THE ILLINOIS ENVIRONMENTAL PROTECTION ACT; OR
- C) INTERFERENCE WITH WATER USE PRACTICES NEAR PUBLIC RECREATION AREAS OR WATER SUPPLY INTAKES.

2. THE CONTRACTOR SHALL PROVIDE ADEQUATE PLANNING AND SUPERVISION DURING THE PROJECT CONSTRUCTION PERIOD FOR IMPLEMENTING CONSTRUCTION METHODS, PROCESSES AND CLEANUP PROCEDURES NECESSARY TO PREVENT WATER POLLUTION AND CONTROL EROSION.

3. ANY SPOIL MATERIAL EXCAVATED, DREDGED OR OTHERWISE PRODUCED MUST NOT BE RETURNED TO THE WATERWAY BUT MUST BE DEPOSITED IN A SELF-CONTAINED AREA IN COMPLIANCE WITH ALL STATE STATUTES, REGULATIONS AND PERMIT REQUIREMENTS WITH NO DISCHARGE TO WATERS OF THE STATE UNLESS A PERMIT HAS BEEN ISSUED BY THE ILLINOIS EPA. ANY BACKFILLING MUST BE DONE WITH CLEAN MATERIAL PLACED IN A MANNER TO PREVENT VIOLATION OF APPLICABLE WATER QUALITY STANDARDS.

4. ALL AREAS AFFECTED BY CONSTRUCTION SHALL BE MULCHED AND SEEDED AS SOON AFTER CONSTRUCTION AS POSSIBLE. THE CONTRACTOR SHALL UNDERTAKE NECESSARY MEASURES AND PROCEDURES TO REDUCE EROSION DURING CONSTRUCTION. INTERIM MEASURES TO PREVENT SOIL EROSION DURING CONSTRUCTION SHALL BE TAKEN AND MAY INCLUDE THE INSTALLATION OF STAKED STRAW BALES, SEDIMENTATION BASINS AND TEMPORARY MULCHING. IF REQUIRED, THIS WORK WILL BE DIRECTED BY THE ENGINEER. ALL CONSTRUCTION WITHIN THE WATERWAY SHALL BE CONDUCTED DURING ZERO OR LOW FLOW CONDITIONS.

5. THE CONTRACTOR SHALL IMPLEMENT EROSION CONTROL MEASURES CONSISTENT WITH THE ILLINOIS URBAN MANUAL (IEPA/USDA, NRCS; 2002 LATEST VERSION).

6. THE OWNER IS ADVISED THAT THE FOLLOWING PERMITS(S) MUST BE OBTAINED FROM THE ILLINOIS EPA: THE OWNER MUST OBTAIN PERMITS TO CONSTRUCT SANITARY SEWERS, WATER MAINS, AND RELATED FACILITIES PRIOR TO CONSTRUCTION.

7. BACKFILL USED IN THE STREAM-CROSSING TRENCH SHALL BE PREDOMINANTLY SAND OR LARGER SIZE MATERIAL, WITH #20% PASSING A #230 U.S. SIEVE.

8. ANY CHANNEL RELOCATION SHALL BE CONSTRUCTED UNDER DRY CONDITIONS AND STABILIZED TO PREVENT EROSION PRIOR TO THE DIVERSION OF FLOW. [APPLICABLE ONLY TO PROJECTS WHICH PROPOSE TO RELOCATE STREAM CHANNELS.]

9. THE PROPOSED WORK SHALL BE CONSTRUCTED WITH ADEQUATE EROSION CONTROL MEASURES (I.E., SILT FENCES, STRAW BALES, ETC.) TO PREVENT TRANSPORT OF SEDIMENT AND MATERIALS TO THE ADJOINING WETLANDS AND/OR STREAMS.

10. BACKFILL USED WITHIN TRENCHES PASSING THROUGH SURFACE WATERS OF THE STATE, EXCEPT WETLAND AREAS, SHALL BE CLEAN COURSE AGGREGATE, GRAVEL OR OTHER MATERIAL WHICH WILL NOT CAUSE SILTATION, PIPE DAMAGE DURING PLACEMENT, OR CHEMICAL CORROSION IN PLACE. EXCAVATED MATERIAL MAY BE USED ONLY IF:

- A) PARTICLE SIZE ANALYSIS IS CONDUCTED AND DEMONSTRATES THE MATERIAL TO BE AT LEAST 80% SAND OR LARGER SIZE MATERIAL, USING #230 U.S. SIEVE; OR
- B) EXCAVATION AND BACKFILLING ARE DONE UNDER DRY CONDITIONS.

11. BACKFILL USED WITHIN TRENCHES PASSING THROUGH WETLAND AREAS SHALL CONSIST OF CLEAN MATERIAL WHICH WILL NOT CAUSE SILTATION, PIPE DAMAGE DURING PLACEMENT, OR CHEMICAL CORROSION IN PLACE. EXCAVATED MATERIAL SHALL BE USED TO THE EXTENT PRACTICABLE, WITH THE UPPER SIX (6) TO TWELVE (12) INCHES BACKFILLED WITH THE TOPSOIL OBTAINED DURING TRENCH EXCAVATION.

12. ANY OWNER PROPOSING ACTIVITIES IN A MINED AREA OR PREVIOUSLY MINED AREA SHALL PROVIDE TO THE IEPA A WRITTEN DETERMINATION REGARDING THE SEDIMENT AND MATERIALS USED WHICH ARE CONSIDERED *ACID-PRODUCING MATERIAL* AS DEFINED IN 35 IL. ADM. CODE, SUBTITLE D, IF CONSIDERED *ACID-PRODUCING MATERIAL* THE OWNER SHALL OBTAIN A PERMIT TO CONSTRUCT PURSUANT TO 35 IL. ADM. CODE 404.101.

13. ASPHALT, BITUMINOUS MATERIAL AND CONCRETE WITH PROTRUDING MATERIAL SUCH AS REINFORCING BAR OR MESH SHALL NOT BE 1) USED FOR BACKFILL, 2) PLACED ON SHORELINES /STREAM BANKS, OR 3) PLACED IN WATERS OF THE STATE.

14. CONTRACTORS THAT USE SITE DEWATERING TECHNIQUES IN ORDER TO PERFORM WORK IN PERENNIAL STREAMS FOR CONSTRUCTION ACTIVITY APPROVED UNDER REGIONAL 7 (TEMPORARY CONSTRUCTION ACTIVITIES) AND PERMIT 9 (MAINTENANCE) SHALL MAINTAIN FLOW IN THE STREAM DURING SUCH CONSTRUCTION ACTIVITY BY UTILIZING DAM AND PUMPING, FLUMING, CULVERTS OR OTHER SUCH TECHNIQUES.

15. IN ADDITION TO ANY ACTION REQUIRED OF THE REGIONAL PERMIT 13 (CLEANUP OF TOXIC AND HAZARDOUS MATERIALS PROJECTS) OWNER WITH RESPECT TO THE *NOTIFICATION* GENERAL CONDITION 21, THE OWNER SHALL NOTIFY THE ILLINOIS EPA BUREAU OF WATER, OF THE SPECIFIC ACTIVITY. THIS NOTIFICATION SHALL INCLUDE INFORMATION CONCERNING THE ORDERS AND APPROVALS THAT HAVE BEEN OR WILL BE OBTAINED FROM THE ILLINOIS EPA BUREAU OF LAND (BOL) FOR ALL CLEANUP ACTIVITIES UNDER BOL JURISDICTION, OR FOR WHICH AUTHORIZATION OR APPROVAL IS SOUGHT FROM BOL FOR NO FURTHER REMEDIATION. THIS REGIONAL PERMIT IS NOT VALID FOR ACTIVITIES THAT DO NOT REQUIRE OR WILL NOT RECEIVE AUTHORIZATION OR APPROVAL FROM THE BOL.

16. THIS REGIONAL PERMIT IS NOT VALID FOR UTILITY LINE PROJECTS UNDER REGIONAL PERMITS 1 (RESIDENTIAL, COMMERCIAL AND INSTITUTIONAL DEVELOPMENTS) AND 2 (RECREATION PROJECTS) IN THE WATER BODIES LISTED UNDER REGIONAL PERMIT 8 (UTILITY LINE PROJECTS).

FILE NAME =	USER NAME = EDT004	DESIGNED - AMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND IDOT STANDARDS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NA\NORTH\LAKE\940032HR224\civ1\gnot1.940032hr204.sht	PLOT SCALE = N.T.S.	DRAWN - EDT	REVISED -		----	09-00071-00-BR	COOK	31	2				
	PLOT DATE = 12/16/2009	CHECKED - MEW	REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 63437					
		DATE - 09/30/09	REVISED -					ILLINOIS FED. AID PROJECT					