GENERAL NOTES

- 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, 2007: 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" MAY 1996 FIFTH 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 OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO
- ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
- SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE
 MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE
 MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
- ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY
- ALL UNUSED SIGNS WILL BE RETURNED TO THE CITY OR DISPOSED OF AS DIRECTED
- BY THE ENGINEER.
 LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
- PUBLIC AND PRIVATE UTILITIES: THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM.
- EARTH EXCAVATION
 - EXCAVATION REQUIRED TO CLEAN SIDE ROAD DITCHES, CONSTRUCT DRIVEWAYS OR CONSTRUCT SIDE ROAD APPROACHES SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION.
 - ALL SUITABLE EXCESS MATERIAL FROM SEWER TRENCHES, WIDENING, SIDEROADS, ENTRANCES OR OTHER NECESSARY EXCAVATIONS SHALL BE USED IN THE CONSTRUCTION OF THE ROADWAY. PLACEMENT AND COMPACTION OF THIS MATERIAL SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- C. PAVEMENT REMOVAL INCLUDES THE BITUMINOUS PAVEMENT AND THE AGGREGATE SUBGRADE; THE DEPTH OF PAVEMENT REMOVAL IS 22.5" FOR POWIS ROAD AND 20.0" FOR ALL OTHER STREETS.
- ALL EMBANKMENT WIDENING SHALL BE SUFFICIENTLY BENCHED INTO EXISTING EMBANKMENTS/SLOPES PER ARTICLE 205 OF THE STANDARD SPECIFICATIONS, AND AS APPROVED BY THE ENGINEER. ALL COSTS WILL BE INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION.

- DRAINAGE
 - THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, HOWEVER, THE NECESSARY PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE SIZE REQUIRED.
 - 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 INCIDENTAL TO THE CONTRACT.
 - FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST.
 - D. DRAINAGE STRUCTURE OFFSETS AS SHOWN ON THE PLANS ARE GIVEN TO THE FOLLOWING (A) FOR STRUCTURES FALLING IN THE CURB LINE - TO THE EDGE OF PAVEMENT. (B) FOR ALL OTHER STRUCTURES - TO THE CENTER OF THE STRUCTURES IN THE CURB LINE ARE THE EDGE OF PAVEMENT GRADE. FLAT TOPS AND CONES ARE TO BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTERLINE OF THE ROAD, UNLESS OTHERWISE NOTED ON THE STRUCTURE IN THE PLANS OR EXISTING UTILITY CONFLICT PROHIBITS. ALL FLAT TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
 - BITUMINOUS OR CONCRETE PAVEMENT CROSSINGS SHALL NOT BE LEFT IN GRAVEL OVERNIGHT.
- BITUMINOUS OR CONCRETE PAVEMENT CROSSINGS SHALL NOT BE LEFT IN GRAVEL OVERNIGHT. THIS WILL INCLUDE THE MAIN ROAD AND SIDE STREETS. TEMPORARY BITUMINOUS PATCHING AT THE CONTRACTOR'S EXPENSE MAY BE USED IN LIEU OF IMMEDIATE PAVEMENT REPLACEMENT. PIPE UNDERDRAINS, 4" WILL BE INSTALLED AT 0.3% MIN. SLOPE AND CONNECT TO DRAINAGE STRUCTURE NO LOWER THAN THE SPRINGLINE OF THE STRUCTURE'S OUTLET PIPE. OUTSIDE EDGE OF PIPE TRENCH WILL BE IN-LINE AND PARALLEL TO BACK OF PROPOSED CURB.

 ALL OPENINGS IN EXISTING DRAINAGE STRUCTURES AND PIPES RESULTING FROM STORM SEWER/PIPE CULVERT REMOVAL SHALL BE PLUGGED IN ACCORDANCE WITH SECTION 550.05 OF THE STANDARD SPECIFICATIONS. THIS COST WILL BE INCLUDED IN THE ASSOCIATED STORM SEWER/PIPE CULVERT REMOVAL ITEM.

 ALL NON-WATER MAIN QUALITY CONCRETE STORM SEWER PIPES WILL HAVE RUBBER GASKET JOINTS. THIS COST WILL BE INCLUDED IN THE ASSOCIATED STORM SEWER/PIPE CULVERT ITEM.
- SEMER/PIPE CULVERT ITEM.
 INLETS AND CATCH BASINS LOCATED IN B-6.12 CONCRETE CURB AND GUTTER WILL HAVE MENAHR-3281-AL, EJW 7210 WITH VANE GRATE OR APPROVED EQUAL FRAMES AND LIDS.

 MANHOLES WILL HAVE NEENAH R 1772 TYPE "B" LID, EJIW 1022-1 HD LID, OR APPROVED EQUAL.

 STEPS TO BE NEENAH R-1981-I CAST IRON, EJIW 8533 OR APPROVED EQUAL.
- DRIVEWAYS OR ENTRANCES
 - A. THE CONTRACTOR SHALL CONSTRUCT ALL COMMERCIAL AND PRIVATE DRIVEWAYS IN ACCORDANCE WITH THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. THE FOLLOWING MINIMUM REQUIREMENTS SHALL BE MET:
 - PRIVATE DRIVEWAYS- (BIT PE) 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 6" HOT-MIX ASPHALT BASE COURSE
 - 2) PRIVATE DRIVEWAYS- (CONC PE) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
 - COMMERCIAL DRIVEWAYS- (BIT CE)
 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
 8" HOT-MIX ASPHALT BASE COURSE
 COMMERCIAL DRIVEWAYS- (CONC CE)
 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- ALL ELEVATIONS SHOWN ON THESE PLANS ARE ON N.G.V.D. OF 1929 DATUM
- ANY REFERENCE TO STANDARDS IN THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE LATEST STANDARDS OF THE DEPARTMENT. 10.
- THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD BE TAKEN TO AVOID DUPLICATION
- PER ARTICLE 107.20, CONTRACTOR SHALL REMOVE ALL MAILBOXES WITHIN THE LIMITS OF CONSTRUCTION WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND SHALL ERECT THEM AT TEMPORARY LOCATIONS. AS SOON AS CONSTRUCTION OPERATIONS PERMIT, THE CONTRACTOR WILL SET THE MAILBOXES AT THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER (PAID AS RELOCATE EXISTING MAILBOX).
- 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.
- 14. UTILITIES

 A. 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
 - THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES, AND OTHER UTILITY LINES ARE APPROXIMATE. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN
 - 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.
 - BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES (48 HOURS NOTIFICATION IS REQUIRED.) NOTE THAT RAILROAD SIGNAL CABLES ARE NOT PART OF "JULIE". CONTACT RAILROADS PRIOR TO ANY EXCAVATION IN RAILROAD ROW. ALSO, COMED REQUIRES 72 HOURS ADVANCE NOTIFICATION TO "JULIE".

SECTION COUNTY 1389 99-00062-00-PV DUPAGE CONTRACT NO. 83873 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

- 15. WATER, STORM SEWER, AND SANITARY SEWER
 - WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME, HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY,
 - WHEN THE REQUIRED VERTICAL AND HORIZONTAL CLEARANCES, AS SPECIFIED BY THE IEPA, BETWEEN PROPOSED STORM SEWER AND EXISTING OR PROPOSED WATER MAINS CANNOT BE MET, CIRCULAR PIPE SHALL BE INSTALLED OF WATER MAIN QUALITY PIPE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR STORM SEWERS, (WATER MAIN REQUIREMENTS) OR SANITARY SEWER. THIS PIPE WILL BE PAID FOR AS "STORM SEWERS, (WATER MAIN REQUIREMENTS)" OR "SANITARY SEWER". OF THE TYPE AND DIAMETER SPECIFIED.
 - ALL FRAMES TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLES, CATCH BASIN, INLET, VALVE VAULT OR METER VAULT SHALL HAVE CAST INTO THE LID "CITY OF WEST CHICAGO" AND THE FOLLOWING: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM". ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORDS "SANITARY". ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORDS "WATER". THIS SHALL BE CONSIDERED INCIDENTAL TO THE FRAME AND LID PROVIDED.
 - D. THE CITY MAY ASSIST THE CONTRACTOR IN THE INITIAL LOCATING OF THE EXISTING SANITARY AND WATER SERVICES TO THE INDIVIDUAL RESIDENCES WITHIN THE PROJECT LIMITS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING KNOWLEDGE OF THE LOCATIONS OF THESE SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AS-BUILT KNOWLEDGE OF THE LOCATION OF THE NEWLY INSTALLED SERVICES AND MAINS. THE CITY WILL NOT BE RESPONSIBLE FOR LOCATING NEW MAINS OR SERVICES FOR THE CONTRACTOR. FOR THE DURATION OF THE CONTRACT. THE CONTRACTOR SHALL MAKE THE AS-BUILT UNDERGROUND UTILITY INFORMATION AVAILABLE TO THE CITY WHENEVER REQUESTED.
 - WATER MAIN SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5.5' BELOW FINISHED GRADE AND NO DEEPER THAN 8', UNLESS SHOWN OTHERWISE ON PLANS, FROM FINISHED GRADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
 - FOR WATER MAIN SHUT OFFS, THE CONTRACTOR SHALL GIVE THE CITY A MINIMUM OF 48 HOURS NOTICE, THE CITY SHALL PROVIDE NOTIFICATION FORMS AND DETERMINE THE LIMIT OF THE AFFECTED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF THE NOTIFICATION FORMS TO ALL AFFECTED RESIDENTS AT LEAST 24 HOURS PRIOR TO SHUT OFF. ALL SHUT OFFS SHALL BE FOR A MAXIMUM TIME OF FOUR (4) HOURS.
 - 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.
- 16. MISCELLANEOUS
 - A. 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 TEMPORARY ACCESS DRIVE SHALL BE PAID FOR AND INCLUDED IN THE ITEM "AGGREGATE SURFACE COURSE, TYPE B".
 - B. DEPRESSED CURBS ACCESSIBLE TO THE HANDICAPPED SHALL BE PROVIDED AT ALL CROSSWALKS ADJACENT TO SIDEWALK AND SHARED USE PATH.
 - C. TYPE "A" SIDEWALK RAMPS FOR THE HANDICAPPED SHALL BE INSTALLED AT ALL INTERSECTING STREETS (SEE STANDARD 424001 FOR CONSTRUCTION DETAILS).
 - D. DETECTABLE WARNINGS SHALL BE PLACED IN SIDEWALK AND SHARED USE PATH BEHIND DEPRESSED CONCRETE CURB AND GUTTER, AND AT-GRADE RAILROAD CROSSINGS, PER DETAIL, SHEET 98 .
- E. ALL SAWCUTTING SHALL BE INCIDENTAL TO REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL, ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE
- F. THE THICKNESS OF BITUMINOUS 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.
- G. FOR EROSION CONTROL NOTES SEE SHEET 67.
- 17. LANE CLOSURES
 - A. THE CONTRACTOR SHALL WORK EXPEDITIOUSLY TO OPEN TRAFFIC LANES CLOSED DUE TO ROADWORK. THE ENGINEER SHALL BE THE SOLE JUDGE OF WHEN A LANE IS READY TO BE OPENED TO TRAFFIC.
 - B. THE OPENING OF THE LANE TO TRAFFIC SHALL BE IN ACCORDANCE WITH SECTION 107.29 OF
 - THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

 C. ROADWORK REQUIRING A CLOSURE OF A LANE, WHICH HAS BEEN OPENED PREVIOUSLY TO TRAFFIC, WILL BE ALLOWED AT THE DISCRETION OF THE ENGINEER AND UNDER THE FOLLOWING CONDITIONS:
 - 1) THE LANE CLOSURE SHALL ONLY BE IN EFFECT WHILE WORKERS ARE PRESENT IN OR NEAR THE CLOSED LANE.
 - 2) THE CLOSED LANE WILL BE REOPENED TO TRAFFIC AT THE END OF THE WORKDAY. 3) ALL TRAFFIC CONTROL DEVICES PERTAINING TO THE LANE CLOSURE SHALL BE REMOVED FROM THE ROADWAY AT THE END OF THE WORKDAY.

REVISIONS NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION INDEX OF STATE STANDARD GENERAL NOTES	
		SCALE; NONE DRAWN BY PM	MM
		DESIGN BY BL	"L
		DATE 12/8/2006 CHECKED BY JG	S