

**ACCESS**

THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN ACCESS FOR EMERGENCY VEHICLES TO INGRESS AND EGRESS ONTO PRIVATE & COMMERCIAL PROPERTY DURING THE CONSTRUCTION PERIOD. ALSO DURING CONSTRUCTION, GARBAGE TRUCKS MUST BE PERMITTED ACCESS TO THE WORK ZONE IN ORDER TO PICK UP RESIDENTIAL AND COMMERCIAL GARBAGE FOR THOSE PROPERTIES FRONTING THE WORK ZONE.

**STANDARDS**

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF THE DEPARTMENT AS SHOWN ON THE INDEX OF SHEETS IN THE PLANS.

**UNDERGROUND UTILITIES**

THE LOCATIONS OF THE UNDERGROUND UTILITIES AS SHOWN ON THE PLANS HAVE BEEN OBTAINED BY FIELD SURVEYS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THE DATA IS ESSENTIALLY CORRECT, BUT THE VILLAGE OF MAYWOOD, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND/OR OTHER OFFICES AND AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR WILL BE REQUIRED TO VERIFY THE EXACT LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY, AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY SUCH FACILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

ADJUSTMENTS REQUIRED BY UTILITY COMPANIES WILL BE PERFORMED BY THE COMPANY INVOLVED OR ITS CONTRACTOR.

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

THE CONTRACTOR SHALL USE EXTREME CAUTION IN THE REMOVAL OF ABANDONED EXISTING GAS LINES SINCE RESIDUAL MATERIALS CONTAINED THEREIN ARE HIGHLY EXPLOSIVE, FLAMMABLE, AND TOXIC. ONCE THE MAINS ARE ABANDONED BY THE OWNER, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DAMAGE AND/OR INJURY OCCURRING ON THE PROJECT DUE TO HIS OPERATIONS NEXT TO THE MAINS AND/OR THE METHOD OF REMOVAL OF THE ABANDONED MAINS. UNDER NO CIRCUMSTANCE SHALL THE UTILITY COMPANIES BE HELD LIABLE FOR ANY DAMAGE AND/OR INJURY ONCE THEIR MAINS HAVE BEEN RELOCATED AND THE EXISTING ABANDONED.

**STORM SEWER**

THE VERTICAL AND HORIZONTAL CLEARANCES BETWEEN RELOCATED WATER MAINS AND PROPOSED OR EXISTING STORM SEWERS SHALL CONFORM TO THE REQUIREMENTS OF THE I.E.P.A. AS STATED IN THEIR POLICY STATEMENTS, SECTION 31-1.02A THROUGH 31-1-02D.

**STORM SEWER LATERALS**

ALL STORM SEWER LATERALS WILL BE LAID AT A MINIMUM OF 0.60 PERCENT (0.60%) GRADES, UNLESS OTHERWISE NOTED ON THE PLANS.

**FRAMES AND GRATES**

THE TYPE OF FRAMES AND GRATES REQUIRED FOR ALL CATCH BASINS AND MANHOLES LISTED IN THE SUMMARY OF QUANTITIES MAY BE FOUND ON THE PLANS AT THEIR RESPECTIVE LOCATIONS. WHERE LIDS ARE CALLED FOR ON THE PLANS, THEY SHALL BE IN ACCORDANCE WITH ARTICLE 604.01 OF THE STANDARD SPECIFICATIONS AND THE TERM LID IS USED IN LIEU OF GRATE.

ON ALL IMPROVEMENTS, THE FRAMES AND LIDS OF EXISTING CATCH BASINS, INLETS, MANHOLES, AND VALVE VAULTS WHICH ARE TO BE ABANDONED DUE TO CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF MAYWOOD AND BE SALVAGED. THE CONTRACTOR IS TO DELIVER FRAMES AND LIDS TO THE VILLAGE OF MAYWOOD PUBLIC WORKS YARD LOCATED AT 40 MADISON STREET.

**BACKFILLING OF SEWERS**

ALL BACKFILLING OPERATIONS SHALL CONFORM TO ARTICLE 550.07 OF THE STANDARD AND SUPPLEMENTAL SPECIFICATIONS.

**BACKFILLING SEWERS UNDER ROADWAY**

FOR SEWERS UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AS DESCRIBED IN ARTICLE 550.07 WILL NOT BE ALLOWED. JETTING WILL NOT BE A SATISFACTORY METHOD.

**MAINTENANCE OF SEWER FLOWS**

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN AT ALL TIMES FLOWS THROUGH EXISTING STORM AND SANITARY SEWER SYSTEMS. HE SHALL ALSO PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT IF NECESSARY AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER COLLECTED IN A SAFE MANNER WITHOUT DAMAGE OF ANY KIND TO ADJACENT PROPERTIES. THE ENDS OF EXISTING DRAINAGE LINES WHICH ARE NOT TO BE INCORPORATED INTO THE PROJECT ARE TO BE SEALED AS SPECIFIED IN THE SPECIAL PROVISIONS. THE COST OF ALL THE PREVIOUSLY MENTIONED WORK SHALL BE INCLUDED IN THE COST OF "STORM SEWER" PIPE INSTALLATION. EXISTING STRUCTURES WILL BE INSPECTED BEFORE CONSTRUCTION STARTS - ALL ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS AS WELL AS MATERIAL EXISTING BEFORE CONSTRUCTION, SHALL BE REMOVED BY THE CONTRACTOR AT HIS EXPENSE.

**EXISTING STRUCTURE MODIFICATIONS**

ALL KNOWN EXISTING STRUCTURES IN THE PAVEMENT OR ADJACENT AREAS WHICH ARE INVOLVED IN THE CONSTRUCTION HAVE BEEN SHOWN ON THE PLANS AND NOTED AS TO BE REMOVED, FILLED, RECONSTRUCTED, OR ADJUSTED BY THE CONTRACTOR EXCEPT THOSE OF AMERITECH, THE COMMONWEALTH EDISON COMPANY, AND THE NICOR GAS COMPANY, WHICH ARE TO BE ADJUSTED BY THE APPROPRIATE UTILITY FORCE. WHERE EXISTING STRUCTURES ARE TO BE REMOVED OR FILLED, OR THE EXISTING CASTING REPLACED, THE CASTINGS REMOVED FROM THE STRUCTURE BECOME THE PROPERTY OF THE VILLAGE OF MAYWOOD.

**SHEETING OR SHORING**

IT SHOULD BE NOTED THAT ANY SHEETING OR SHORING REQUIRED FOR THE STORM SEWER INSTALLATION OR OTHER CONSTRUCTION ELEMENTS REQUIRING RELATIVELY DEEP EXCAVATIONS SHALL BE INCLUDED IN THE COST OF "STORM SEWERS" PIPE INSTALLATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY SUPPLEMENTAL WORK ASSOCIATED WITH THE MAINTENANCE OF TRENCH SIDES OR OTHER EXCAVATED AREAS.

**MAINTENANCE OF EXISTING DRAINAGE STRUCTURES**

WHEN DURING THE CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF ANY GUTTERS OR DRAINAGE STRUCTURE 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 FACILITIES SHALL BE CLEAN AND FREE OF ALL OBSTRUCTIONS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF "STORM SEWER" PIPE INSTALLATION.

**SAW CUTTING**

THE CONTRACTOR SHALL SAW CUT ASPHALT PAVEMENT AND DRIVEWAY PAVEMENT AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER, TO SEPARATE THE EXISTING PAVEMENT TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS DIRECTED BY THE ENGINEER. SUITABLE GUIDELINES OR DEVICES SHALL BE USED TO ASSURE CUTTING A NEAT, STRAIGHT LINE AS SHOWN ON THE PLANS. CARE SHALL BE TAKEN BY THE CONTRACTOR SO AS NOT TO DAMAGE THE REMAINING PAVEMENT DIRECTLY ADJACENT TO THE PAVEMENT TO BE REMOVED. ANY DAMAGE TO THE EXISTING PAVEMENT RESULTING FROM PAVEMENT REMOVAL OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. SAW-CUTTING ALONG THE PAVEMENT REMOVAL AREAS AND THE AREAS TO HAVE CLASS C PATCHING INSTALLED WILL BE PAID FOR AS "SAW-CUTTING". ALL OTHER SAW-CUTTING WILL BE INCLUDED IN THE RESPECTIVE REMOVAL ITEM.

**TRAFFIC PROTECTION**

ALL UNBALLASTED TYPE I & TYPE II BARRICADES SHALL HAVE TWO SANDBAGS ON THE BOTTOM RAILS.

**EXISTING ROADWAY SIGNS**

ALL EXISTING ROADWAY SIGNS, MARKERS, ETC., LOCATED WITHIN THE ROADWAY RIGHT-OF-WAY WHICH ARE NOT INVOLVED IN THIS CONSTRUCTION SHALL BE LEFT AT THE LOCATIONS. IT IS CONTRACTOR'S RESPONSIBILITY TO REPLACE WITH NEW SIGNS IF THEY ARE DAMAGED DURING THE CONSTRUCTION.

**SOILS REPORT**

A SOILS REPORT HAS BEEN PREPARED CONTAINING CERTAIN INFORMATION RELATING TO GENERAL SOIL CONDITIONS TO BE ENCOUNTERED ALONG THE ROUTE OF THE WORK. THE CONTRACTOR WILL BE PERMITTED TO EXAMINE THIS INFORMATION AND DETERMINE ITS VALUE. ANY ADDITIONAL BORINGS DEEMED NECESSARY BY THE CONTRACTOR SHALL BE MADE AT HIS OWN EXPENSE.

**MANHOLE OR VALVE VAULT COVERS**

THE WORD "WATER", "SANITARY", OR "STORM" SHALL BE CAST INTO THE LID OF EACH RESPECTIVE MANHOLE OR VALVE VAULT.

**PLUGGING EXISTING SEWERS AND DRAINS**

ALL SEWERS TO BE ABANDONED SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FEET LONG NON-SHRINK CONCRETE/MORTAR PLUG. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF "REMOVING MANHOLES", "REMOVING CATCH BASINS" AND "REMOVING INLETS".

**SEWER PIPE MATERIALS AND JOINTS**

SEWER PIPE INSTALLED ON THIS PROJECT SHALL CONFORM TO THE FOLLOWING STANDARD:

TYPE OF PIPE	MATERIAL STANDARD	JOINT STANDARD
PVC PIPE	ASTM D-2241	ASTM D-3139
DUCTILE IRON PIPE	CLASS 52 ANSI-A 21.51	ANSI/AWWA C111/A21.11
REINFORCED CONCRETE PIPE	ASTM C-76 CLASS	ASTM - C-443

**EXISTING LIGHTING CABLES**

IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT EXISTING LIGHT CABLES, ESPECIALLY THE CIRCUITS ON THE ADJACENT INTERSECTING STREETS. THE CONTRACTOR SHALL BE REQUIRED TO RESTORE WIRES AND CONDUIT IF THEY ARE DAMAGED BY HIS WORK. THE CONTRACTOR WILL NOT BE ALLOWED TO SPLICE ANY WIRES THAT ARE TO BE REPAIRED.

**UNDERCUT AND PGES**

A QUANTITY OF POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES), HAS BEEN PROVIDED FOR USE IF THE EXISTING SOILS ARE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES AS DETERMINED BY THE ENGINEER. IF UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY OF PGES WILL REMAIN UNUSED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

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**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

903 Woodruff Road  
 Woodstock, IL 60192-2780  
 Phone: 708-866-0300  
 Fax: 708-866-0302

USER NAME -	DESIGNED - <b>MK/SBC</b>	REVISED -
	DRAWN - <b>MK/LEV</b>	REVISED -
PLOT SCALE -	CHECKED - <b>SBC/JG/MV</b>	REVISED -
PLOT DATE -	DATE - <b>11-30-09</b>	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES				
SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	NONE
1397	09-00129-00-PV	COOK	103	4	
CONTRACT NO. 63428					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (267)					
(BOOK NOS. 1579, 1583, 1589) E.H.E PROJECT NO. 565-08-29001					