

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1441	DO-00059-00-BR	KANE	154	3
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

1. STANDARD SPECIFICATIONS

EXCEPT WHERE MODIFIED BY THE CONTRACT DOCUMENTS, ALL WORK PROPOSED HEREON SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:

- 1.1 STANDARD SPECIFICATIONS FOR EARTHWORK, PAVEMENT AND SIDEWALKS: ALL EARTHWORK, PAVEMENT, CURBING AND SIDEWALK ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PREPARED BY I.D.O.T., LATEST EDITION AND WITH ANY SPECIAL PROVISIONS SPECIFIED HEREIN TO SAID STANDARD SPECIFICATIONS.
- 1.2 STANDARD SPECIFICATIONS FOR SANITARY SEWERS, STORM SEWERS AND WATER MAINS: ALL SANITARY SEWER, STORM SEWER AND WATER MAIN CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS" LATEST EDITION AND WITH ANY SPECIAL PROVISIONS SPECIFIED HEREIN TO SAID STANDARD SPECIFICATIONS.
- 1.3 CITY OF BATAVIA SUBDIVISION CONTROL ORDINANCE DATED MARCH 1989, INCLUDING ALL PERTINENT ADDENDA AND ALL APPLICABLE CITY OF BATAVIA STANDARDS.
- 1.4 THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS" AS PUBLISHED BY I.D.O.T., LATEST EDITION.
- 1.5 THE "PROCEDURES AND STANDARDS FOR URBAN EROSION CONTROL IN ILLINOIS" AS PUBLISHED BY THE ILLINOIS CONSERVATION DISTRICT.
- 1.6 CONFLICTS: IN THE CASE OF CONFLICTS BETWEEN THE PLANS AND SPECIFICATIONS SHOWN HEREIN AND THE APPLICABLE STANDARD SPECIFICATIONS, THESE PLANS AND SPECIFICATIONS SHOWN HEREIN SHALL TAKE PRECEDENCE, NO SUBSTITUTIONS IN MATERIALS, DETAILS OR ANY OTHER PART OF THE WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE CITY ENGINEER.

2. GENERAL

- 2.1 HEALTH AND SAFETY: THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND FEDERAL SAFETY REGULATIONS AS OUTLINED IN THE LATEST REVISIONS OF THE FEDERAL CONSTRUCTION SAFETY STANDARDS (SERIES 1926) AND THE APPLICABLE PROVISIONS AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA STANDARDS OF THE WILLIAMS STEGER OCCUPATIONAL HEALTH STATE AND SAFETY ACT OF 1970) REVISED.
- 2.2 BONDING AND LICENSING: THE CONTRACTOR AND HIS INDIVIDUAL SUBCONTRACTORS PRIOR TO THE COMMENCEMENT OF WORK SHALL OBTAIN ALL APPLICABLE CITY PERMITS, LICENSES AND BONDS.
- 2.3 INCIDENTAL CONSTRUCTION: THE CONTRACTOR SHALL PERFORM ALL WORK INDICATED OR IMPLIED IN THE CONTRACT DOCUMENTS, ALL WORK NOT SPECIFIED, BUT REQUIRED TO COMPLETE THE PROJECT, INCLUDING ACCESSORIES AND APPURTENANCES, SHALL BE PERFORMED BY THE CONTRACTOR IN A SATISFACTORY MANNER, TREE TRIMMING OR TREE REMOVAL SHALL BE PERFORMED BY A LICENSED ARBORIST, AND APPROVED BY THE CITY ENGINEER OR ENGINEERS REP.
- 2.4 ELECTRIC, TELEPHONE, NATURAL GAS AND OTHER UTILITY COMPANIES HAVE UNDERGROUND AND OR OVERHEAD SERVICE FACILITIES IN THE VICINITY OF THE PROPOSED WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR MAINTENANCE AND PRESERVATION OF THE FACILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 FOR UTILITY LOCATIONS.
- 2.5 NEITHER THE ENGINEER NOR THE CITY OF BATAVIA ARE RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY CONTRACTOR.
- 2.6 THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS. SPECIAL ATTENTION IS DRAWN TO THE FACT THAT THE ARTICLE 105.06 OF THE I.D.O.T. STANDARD SPECIFICATIONS REQUIRES THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDANT ON THE PROJECT SITE AT ALL TIMES IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDANT SHALL BE ABLE TO SPEAK ENGLISH. HE SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT, AND SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVE CONTROL OF ALL WORK AS THE AGENT OF THE CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 109.08.
- 2.7 THE CONTRACTOR AND ENGINEER SHALL BE RESPONSIBLE FOR THEIR OWN RESPECTIVE AGENTS AND EMPLOYEES.
- 2.8 IN THE EVENT OF A DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE CITY ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- 2.9 IN THE EVENT OF CONFLICTING SPECIFICATIONS, THE DECISION OF THE CITY ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- 2.10 NO CONSTRUCTION PLANS SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION."
- 2.11 PRIOR TO THE START OF CONSTRUCTION, THE CITY ENGINEER, PROJECT ENGINEER, THE SUBDIVIDER AND THE GENERAL CONTRACTOR SHALL ATTEND A PRECONSTRUCTION MEETING. THE PURPOSE OF THE MEETING IS TO REVIEW ACCEPTABLE SITE DEVELOPMENT AND CONSTRUCTION PRACTICES IN ACCORDANCE WITH THE CONSTRUCTION CONTROL PLAN AND CITY ORDINANCES AND POLICIES.

- 2.12 GRANULAR TRENCH BACKFILL: ALL TRENCH SECTIONS FOR STORM SEWERS, SANITARY SEWERS, WATER MAINS, ELECTRICAL CONDUITS AND ALL OTHER UNDERGROUND SERVICE LINES LOCATED WITHIN EXISTING AND PROPOSED PAVEMENT AREAS OR AS OTHERWISE NOTED ON THE PLAN SHALL BE BACKFILLED TO THE PROPER SUBGRADE WITH SELECTED GRANULAR TRENCH BACKFILL MATERIAL CA-6 CRUSHED LIMESTONE. THE GRANULAR TRENCH MATERIAL SHALL BE PLACED IN LAYERS NO THICKER THAN TWELVE INCHES AND THOROUGHLY COMPACTED IN PLACE ACCORD TO I.D.O.T. STANDARD SPECIFICATIONS METHOD 1. USE CA-7 OPEN GRADED FOR PERFORATED PVC, CATCH BASINS AND INLETS.
- 2.13 FINAL ADJUSTMENTS OF FRAMES, LIDS AND GRATES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING AND ADJUSTING FRAMES AND GRATES ON MANHOLES, INLETS AND VALVE VAULTS TO THEIR FINISHED ELEVATIONS OR AS DIRECTED BY THE ENGINEER. THIS WILL BE CONSIDERED AS INCLUDED IN THE COST OF MANHOLES, INLETS, CATCH BASINS, AND VALVE VAULTS.
- 2.14 EXISTING STREET CLEANLINESS: THE CONTRACTOR(S) SHALL KEEP EXISTING ADJACENT STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS. CLEAN PAVEMENTS ON A DAILY BASIS OR MORE OFTEN WHEN NECESSARY AS DIRECTED BY THE CITY ENGINEER. THIS WILL BE CONSIDERED AS INCLUDED IN THE COST OF THE CONTRACT.
- 2.15 NOT USED
- 2.16 EXCESS EXCAVATED TRENCH MATERIAL: ANY EXCESS EXCAVATED TRENCH MATERIAL OR EXCESS STRIPPED TOPSOIL SHALL BE SPREAD AS DIRECTED BY THE ENGINEER.
- 2.17 UNDERGROUND UTILITY INSPECTION: PRIOR TO THE PLACEMENT OF BACKFILL, THE INSTALLATION OF ALL UNDERGROUND UTILITY LINES SHALL BE INSPECTED AND APPROVED BY THE CITY OF BATAVIA.
- 2.18 TRENCH SETTLEMENT: ANY TRENCH SETTLEMENT OCCURRING WITHIN ONE YEAR FROM THE TIME OF ACCEPTANCE, WHETHER IT BE BEFORE OR AFTER STREET PAVING HAS BEEN COMPLETED, SHALL BE REPAIRED BY THE CONTRACTOR RESPONSIBLE FOR BACKFILLING THE TRENCHES OR AUGER PITS IN QUESTION. THIS REPAIR SHALL INCLUDE BUT NOT BE LIMITED TO THE COST OF PAVEMENT, CURBS, DRIVEWAYS, TREES AND SIDEWALKS REPLACEMENT CAUSED BY THIS SETTLEMENT. THIS WILL BE CONSIDERED AS INCLUDED IN THE COST OF THE RESPECTIVE UTILITY INSTALLATION.
- 2.19 EXISTING FIELD TILES: THE LOCATION OF ANY EXISTING FIELD TILES ENCOUNTERED DURING EXCAVATION SHOULD IMMEDIATELY BE FLAGGED ON SITE AND MARKED ON THE CONTRACTOR'S RECORD PLAN SET. THE CONTRACTOR SHALL RECONNECT ALL FIELD TILE OR CONNECT FIELD TILE TO THE PROPOSED STORM SEWER SYSTEM IN A MANNER ACCEPTABLE TO THE CITY ENGINEER. THIS WILL BE CONSIDERED AS INCLUDED IN THE COST OF STORM SEWER.
- 2.20 PRIOR TO ANY REDUCTION IN THE CONSTRUCTION GUARANTEE, THE CITY ENGINEER SHALL CERTIFY THAT THE PROJECT IS "SUBSTANTIALLY COMPLETE."
- 2.21 FINAL INSPECTION OF THE CONSTRUCTION IMPROVEMENTS SHALL INCLUDE THE CITY ENGINEER, PROJECT ENGINEER, AND CONTRACTOR(S).
- 2.22 BEFORE ACCEPTANCE BY THE CITY OF BATAVIA AND FINAL PAYMENTS, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE CITY ENGINEER OR HIS REPRESENTATIVE. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS.
- 2.23 THE CONTRACTOR SHALL OBTAIN AND THEREAFTER KEEP IN FORCE THE INSURANCE COVERAGES AS SPECIFIED IN ARTICLE 107.27 OF THE STANDARD SPECIFICATIONS. IN ADDITION, THE COMMERCIAL GENERAL LIABILITY SHALL PROTECT THE CITY OF BATAVIA, ITS OFFICERS, EMPLOYEES, AGENTS AND CONSULTANTS FROM CLAIMS WHICH MAY ARISE OUT OF OR AS A RESULT FROM THE PERFORMANCE OF WORK BY ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY THE CONTRACTOR OR SUBCONTRACTORS OR ANYONE FOR WHOM THE CONTRACTOR MAY BE LIABLE. THE INSURANCE POLICY SHALL NAME THE CITY OF BATAVIA, ITS OFFICERS, EMPLOYEES AND AGENTS AS ADDITIONAL INSUREDS. THIS CERTIFICATE SHALL STATE THAT THE COVERAGE WILL NOT BE TERMINATED OR REDUCED WITHOUT 30 DAYS ADVANCED WRITTEN NOTICE TO THE CITY OF BATAVIA. ALL COSTS FOR INSURANCE AS SPECIFIED WILL BE CONSIDERED AS INCLUDED IN THE COST OF THE CONTRACT.
- 2.24 UNLAWFUL ACTIVITIES--DRAINAGE FACILITIES--EARTHEN BERMS: IT IS UNLAWFUL FOR ANY PERSON TO CONSTRUCT OR CAUSE TO BE CONSTRUCTED ANY DRAINAGE FACILITY FOR THE PURPOSE OF THE DETENTION OR RETENTION OF WATER WITHIN A DISTANCE OF 10 FEET PLUS ONE AND ONE-HALF TIMES THE DEPTH OF ANY DRAINAGE FACILITY ADJACENT TO THE RIGHT OF WAY OF ANY PUBLIC HIGHWAY WITHOUT THE WRITTEN PERMISSION OF THE HIGHWAY AUTHORITY HAVING JURISDICTION OVER THE PUBLIC HIGHWAY. IT IS UNLAWFUL FOR ANY PERSON TO CONSTRUCT OR CAUSE TO BE CONSTRUCTED ANY EARTHEN BERM SUCH THAT THE TOE OF SUCH BERM WILL BE NEARER THAN 10 FEET TO THE RIGHT-OF-WAY OF ANY PUBLIC HIGHWAY WITHOUT THE WRITTEN PERMISSION OF THE HIGHWAY AUTHORITY HAVING JURISDICTION OVER THE PUBLIC HIGHWAY.
- 2.25 SAWCUTTING OF EXISTING PAVEMENT AND SIDEWALKS FOR REMOVAL SHALL BE INCLUDED IN THE COST OF THE REMOVALS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 2.26 **DELETED 11-8-06**
- 2.27 SUBJECT TO APPROVAL, THE CONTRACTOR WILL BE ALLOWED 2 TWO-WEEK SHUTDOWNS TO FACILITATE PLACEMENT OF THE CONCRETE OVERLAY ON THE BRIDGE DECK AND OTHER ITEMS. REQUESTS FOR SHUTDOWNS MUST BE SUBMITTED FOR THE CITY ENGINEER'S APPROVAL NO LESS THAN 10 BUSINESS DAYS BEFORE THE START OF THE SHUTDOWN.
- 2.28 NO CONSTRUCTION ACTIVITIES OR OTHER CONTRACTOR OPERATIONS MAY TAKE PLACE IN THE FOX RIVER FROM APRIL 1 TO MAY 1 UNLESS WITHIN AN AREA ENCLOSED BY A COFFERDAM.
- 2.29 THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS TO ALL BUSINESSES AND RESIDENCES ON WILSON STREET AT ALL TIMES.
- 2.30 A 34KV OVERHEAD ELECTRICAL TRANSMISSION LINE CROSSES WILSON STREET WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL CONTACT COMED AT (630) 424-5700 WHENEVER CONSTRUCTION ACTIVITIES ARE TO OCCUR WITHIN 10 FT OF THE LINE OR TRANSMISSION TOWERS.

3. EARTHWORK

WORK UNDER THIS SECTION SHALL INCLUDE BUT NOT LIMITED TO THE FOLLOWING:

- 3.1 CLEARING AND REMOVAL OF ALL UNDESIRABLE TREES AND OTHER VEGETATIVE GROWTH WITHIN THE CONSTRUCTION AREA IS INCIDENTAL. TREE REMOVAL AS DESIGNATED BY THE ENGINEER AND APPROVED BY THE CITY OF BATAVIA SHALL BE KEPT TO A MINIMUM. THE CITY OF BATAVIA WILL NOT PERMIT THE ONSITE BURIAL OF TREES, BRUSH, MISC. CONCRETE AND ETC. THIS WILL BE CONSIDERED AS INCLUDED IN THE COST OF THE CONTRACT.
- 3.2 PRIOR TO ONSET OF MASS GRADING OPERATIONS THE EARTHWORK CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SOIL EROSION CONTROL SPECIFICATIONS. THE INITIAL IMPLEMENTATION OF EROSION CONTROL PROCEDURES AND THE PLACEMENT OF FILTER FENCING (SILT FENCING), ETC., TO PROTECT ADJACENT PROPERTIES, SHALL OCCUR BEFORE MASS GRADING BEGINS. IN ACCORDANCE WITH THE SOIL EROSION CONTROL CONSTRUCTION SCHEDULE.
- 3.3 ALL TESTING, INSPECTION AND SUPERVISION OF SOIL QUALITY, THE REMOVAL AND REPLACEMENT OF UNSUITABLE SOIL AND OTHER SOILS RELATED OPERATIONS SHALL BE ENTIRELY THE RESPONSIBILITY OF THE SOILS ENGINEER. HE OR HIS REPRESENTATIVE WILL CLOSELY SUPERVISE AND INSPECT THE GRADING OPERATIONS, PARTICULARLY DURING REMOVAL OF UNSUITABLE MATERIAL AND THE CONSTRUCTION OF EMBANKMENTS OR BUILDING PADS.
- 3.4 THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORMWATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE.
- 3.5 THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISH GRADES. A MINIMUM OF FOUR INCHES (4") INCHES OF TOPSOIL IS TO BE PLACED BEFORE FINISH GRADE ELEVATIONS ARE ACHIEVED.
- 3.6 THE SELECTED STRUCTURAL FILL MATERIAL SHALL BE PLACED IN LEVEL UNIFORM LAYERS SO THAT THE COMPACTED THICKNESS IS APPROXIMATELY SIX INCHES (6"). IF COMPACTION EQUIPMENT DEMONSTRATED THE ABILITY TO COMPACT GREATER THICKNESSES, THEN A GREATER THICKNESS MAY BE SPECIFIED. EACH LAYER SHALL BE THOROUGHLY MIXED DURING SPREADING TO INSURE UNIFORMITY.
- 3.7 EMBANKMENT MATERIAL WITHIN ROADWAY, PARKING LOT AND OTHER STRUCTURAL CLAY FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF NINETY-FIVE PERCENT (95%) OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM SPECIFICATIONS D-1557 (MODIFIED PROCTOR METHOD), OR TO OTHER SUCH DENSITY AS MAY BE DETERMINED APPROPRIATE BY THE SOILS ENGINEER. EMBANKMENT MATERIAL FOR BUILDING PADS SHALL BE COMPACTED TO MINIMUM OF NINETY-FIVE PERCENT (95%) OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM DESIGNATION D-1557 (MODIFIED PROCTOR METHOD) OR TO SUCH OTHER DENSITY AS MAY BE DETERMINED APPROPRIATE BY THE SOIL ENGINEER.
- 3.8 EMBANKMENT MATERIAL (RANDOM FILL) WITHIN NON-STRUCTURAL FILL AREAS SHALL BE COMPACTED TO MINIMUM OF NINETY PERCENT (90%) OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM DESIGNATION D-1557 (MODIFIED PROCTOR METHOD).
- 3.9 THE SURFACE VEGETATION, TOPSOIL AND ANY OBVIOUSLY SOFT UNDERLYING SOIL SHOULD BE STRIPPED FROM ALL AREAS TO RECEIVE CLAY FILL. IF THE UNDERLYING SUBGRADE SOILS RUP DEEPER THEN AN INCH UNDER THE CONSTRUCTION EQUIPMENT OR IF THE MOISTURE CONTENT EXCEEDS THAT NEEDED FOR PROPER COMPACTION, THE SOIL SHALL BE SCARIFIED, DRIED AND RECOMPACTION TO THE REQUIRED SOIL SPECIFICATIONS. (SEE SECTION 212.03 OF THE I.D.O.T. SPECIFICATIONS).
- 3.10 ALL PAVEMENT SUBGRADE SHALL HAVE A MINIMUM IBR-3 AS DETERMINED BY THE SOILS ENGINEER WITH RESULTS SUBMITTED TO THE CITY ENGINEER. IF AREAS OF PAVEMENT SUBGRADE ARE ENCOUNTERED WHICH DO NOT PROVIDE A MINIMUM IBR-3, SUBGRADE REPLACEMENT OR PAVEMENT DESIGN REVISIONS SHALL BE PROVIDED WHICH ARE ADEQUATE TO OBTAIN EQUIVALENT PAVEMENT STRENGTH, AS DETERMINED BY THE ENGINEER AND SOILS ENGINEER.
- 3.11 PRIOR TO UTILITY CONSTRUCTION PROPOSED PAVEMENT AREAS, BUILDING PADS, SIDEWALKS AND YARD/OPEN SPACE AREAS SHALL BE ROUGH EXCAVATED OR FILLED TO PLUS OR MINUS ONE FOOT (1') OF DESIGN SUBGRADE ELEVATION BY THE CONTRACTOR.
- 3.12 THE STREET SUBGRADE SHALL BE SHAPED AND COMPACTED AS SPECIFIED IN SECTION 301 OF THE I.D.O.T. SPECIFICATIONS. JUST PRIOR TO THE CONSTRUCTION OF THE BASE COURSE, THE SUBGRADE SHALL BE PROOF-ROLLED AND WITNESSED BY THE CITY ENGINEER. IF IN THE OPINION OF THE ENGINEER FOR THE CITY ANY SUBGRADE AREAS ARE FOUND TO BE UNSTABLE, THEN SAID AREAS SHALL BE REMOVED AND REPLACED WITH AN ACCEPTABLE GRANULAR MATERIAL. IF PRECIPITATION OCCURS AFTER THE SUBGRADE PROOF-ROLLING AND BEFORE THE CONSTRUCTION OF THE BASE COURSE, THEN SAID SUBGRADE PROOF-ROLLING SHALL BE REPEATED TO VERIFY THAT THE SUBGRADE IS STABLE. IF AREAS OF THE SUBGRADE ARE FOUND TO BE UNSTABLE FOLLOWING REPLACEMENT WITH ACCEPTABLE GRANULAR MATERIALS THE SOILS ENGINEER AND THE CITY ENGINEER SHALL DETERMINE THE CORRECTIVE ACTION.
- 3.13 **DELETED 11-8-06**
- 3.14 THE SUBGRADE SHALL MEET MINIMUM STANDARD OF NINETY-FIVE PERCENT (95%) OF THE STANDARD PROCTOR TEST AND SHALL BE TESTED AT 200 FOOT INTERVALS, MINIMUM.
- 3.15 AGGREGATE BASE COURSE: AFTER APPROVAL BY THE CITY ENGINEER, THE AGGREGATE BASE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 351 OF THE I.D.O.T. STANDARD SPECIFICATIONS FOR TYPE A OR TYPE B CONSTRUCTION. THE MATERIAL SHALL BE CRUSHED LIMESTONE CONFORMING TO CA-6 GRADATION. THE MINIMUM COMPACTED THICKNESS SHALL BE AS SHOWN ON THE TYPICAL CROSS-SECTION DETAIL. THE AGGREGATE BASE SHALL BE PROOF-ROLLED ONE DAY PRIOR TO PLANNED APPLICATION OF THE PRIME COAT AND BINDER COURSE. IF, IN THE OPINION OF THE CITY ENGINEER THE AGGREGATE BASE IS UNSTABLE, IT SHALL BE REMOVED AND REPLACED WITH NEW SUBBASE AND AGGREGATE BASE MATERIAL AND COMPACTED TO NOT LESS THAN NINETY-FIVE PERCENT (95%) OF THE STANDARD LABORATORY DENSITY.

3.16 EXISTING PAVEMENT THICKNESSES SHOWN ON THE PLANS ARE APPROXIMATE AND BASED ON AVAILABLE INFORMATION AT THE TIME OF DESIGN. NO ADDITIONAL PAYMENT WILL BE ALLOWED DUE TO THICKNESSES OTHER THAN THOSE SHOWN ON THE PLANS. THIS WILL BE CONSIDERED AS INCLUDED IN THE COST OF PAVEMENT REMOVAL.

3.17 AFTER COMPLETION OF ALL UTILITIES IN THE RIGHT OF WAY THE PARKWAYS SHALL BE TOPSOILED AND SEEDED.

4. SANITARY SEWER CONSTRUCTION

4.1 SEWER PIPE AND FITTINGS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS EXCEPT AS APPROVED BY THE CITY ENGINEER:

- 1. BETWEEN DEPTHS OF SIX FEET (6') AND FOURTEEN FEET (14'), PVC PIPE ASTM D-3034 SDR 26 SHALL BE REQUIRED. (ORD. 97-32, 6-2-1997)
- 2. FOR DEPTHS SHALLOWER THAN SIX FEET (6') OR DEEPER THAN FOURTEEN FEET (14') DUCTILE IRON PIPE, ASTM C151, CLASS 52 WITH PUSH ON JOINTS OR RESTRAINED JOINTS WHERE APPLICABLE, PIPE SHALL BE AS MANUFACTURED BY GRIFFIN PIPE CO., H2SEWER SAFE DUCTILE IRON OR APPROVED EQUAL. ALL DUCTILE IRON SHALL INCLUDE POLY-WRAP. ALL PIPE INSTALLED AT DEPTHS GREATER THAN FOURTEEN FEET (14') SHALL BE EVALUATED FOR THICKNESS BY CONSIDERING THE TRENCH LOAD AND INTERNAL PRESSURE SEPARATELY IN ACCORDANCE WITH ANSI/AWWA C150/A21.5, PRESSURE RATED PIPE, ASTM D-2241, SDR 21 MAY BE SUBSTITUTED FOR BURY DEPTHS FROM FOURTEEN FEET (14'), TO TWENTY FEET (20'). PRESSURE RATED PIPE, ASTM D-2241, (DR) 18, AWWA C-900, MAY BE REQUIRED OR SUBSTITUTED AT DEPTHS GREATER THAN TWENTY FEET (20'). ANY USE OF PLASTIC PIPE AT THESE DEPTHS SHALL BE WITH THE PERMISSION OF (OR REQUIRED BY) THE CITY ENGINEER. (ORD. 85-21,9-3-1985)
- 3. FOR PIPE TWENTY FOUR INCHES (24") AND LARGER, PIPE SHALL BE AS MANUFACTURED BY GRIFFIN PIPE CO., H2SEWER SAFE DUCTILE OR APPROVED EQUAL. ALL DUCTILE IRON SHALL INCLUDE POLY-WRAP. ALL PIPE GREATER THAN TWENTY FOUR INCHES (24") DIA. OR INSTALLED AT DEPTHS GREATER THAN FOURTEEN FEET (14') SHALL BE EVALUATED FOR THICKNESS BY CONSIDERING THE TRENCH LOAD AND INTERNAL PRESSURE SEPARATELY IN ACCORDANCE WITH ANSI/AWWA C150/A21.5, PRESSURE RATED PIPE ASTM D- 2241 OR AWWA C905, MAYBE REQUIRED (OR SUBSTITUTED) ON LARGE DIA. PIPE BY THE CITY ENGINEER.

4.2 MANHOLE FRAMES AND LIDS: THE FRAMES AND LIDS SHALL BE OF THE NON-ROCKING AND SELF-SEALING TYPE WITH RUBBER WATERTIGHT GASKET AND SHALL CONFORM TO EAST JORDAN NO 1020 OR AN APPROVED EQUAL. THE LIDS TO BE SOLID WITH CONCEALED PICK HOLE AND WITH THE WORDS "CITY OF BATAVIA" AND "SANITARY SEWER" IN THE CAST IN LID. "INFA-SHIELD", "CANUSA" OR APPROVED EQUAL, CHIMNEY SEALS SHALL BE INSTALLED ON ALL SANITARY SEWER MANHOLES.

4.3 SEWER PIPE BEDDING AND COVER: ALL SANITARY SEWER PIPE INCLUDING SERVICE LINES SHALL BE BEDDED AND CRADLED TO THE CENTERLINE OF THE PIPE IN SAND OR FINE GRAVEL. FROM THE CENTERLINE OF THE PIPE TO 12 INCHES OVER THE TOP OF THE PIPE, GRANULAR TRENCH BACKFILL MATERIAL SHALL BE HAND PLACED AND COMPACTED. ALL TO THE DETAILS SHOWN ON THE PLANS, PVC PIPE SHALL BE BEDDED AND CRADLED IN ACCORDANCE WITH ASTM D-2321 (CLASS 1) SPECIFICATIONS. ALL TRENCHES WITHIN STREETS AND FOR SANITARY SEWERS CONSTRUCTED UNDER PROPOSED PAVED AREAS SHALL BE BACKFILLED WITH CA-7 CRUSHED STONE. FLOWABLE FILL IN ACCORDANCE WITH IDOT SPECIAL PROVISION FOR CONTROLLED LOW-STRENGTH MATERIALS (CLSM) MAY BE REQUIRED UNDER CERTAIN CIRCUMSTANCES AS DIRECTED BY THE DEPT. OF PUBLIC WORKS OR THE CITY ENGINEER. CA-6 CRUSHED STONE TRENCH BACKFILL (95% COMPACTION @ ONE FOOT INTERVALS ACCORDING TO CITY POLICY) OR OTHER SUITABLE TRENCH BACKFILL MAY BE SUBSTITUTED FOR CA-7 UNDER THE FOLLOWING CONDITIONS, 1) APPROVED BY STREET DEPARTMENT SUPERINTENDENT AND CITY ENGINEER, 2) ON-SITE INSPECTION OF TRENCH BACKFILL DURING CONSTRUCTION.

4.4 SANITARY SEWER SERVICES: SANITARY SEWER STUBS INSTALLED FOR HOUSE SERVICE CONNECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS OR THE STANDARD SPECIFICATIONS. SEWER STUBS SHALL BE EXTENDED TO THE R.O.W. THE EXACT LOCATION SHALL BE DETERMINED IN THE FIELD, AND THE CONSTRUCTED LOCATION ACCURATELY RECORDED AND THE END MARKED WITH A 2'X4' POST PAINTED GREEN. SERVICE LINES SHALL HAVE A MINIMUM SLOPE OF 2.0%.

4.5 LEAKAGE TESTING: ALL SANITARY SEWERS SHALL BE TESTED FOR WATERTIGHTNESS BY THE AIR TESTING METHOD SPECIFIED IN THE STANDARD SPECIFICATIONS. THIS WILL BE CONSIDERED AS INCLUDED IN THE COST OF SANITARY SEWER.

4.6 DEFLECTION TESTING: ALL SANITARY SEWER MAIN CONSTRUCTED OF PVC PIPE SHALL BE TESTED FOR DEFLECTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. THIS WILL BE CONSIDERED AS INCLUDED IN THE COST OF SANITARY SEWER.

4.7 T.V. INSPECTION: PRIOR TO ACCEPTANCE OF THE SANITARY SEWERS BY THE CITY, ALL SANITARY SEWER MAINS SHALL BE INTERNALLY INSPECTED BY TELEVISION CAMERA. THE CITY ENGINEER IS TO BE NOTIFIED PRIOR TO THE INSPECTION. VIDEO TAPE OF THE T.V. INSPECTION SHALL BE RECORDED AND GIVEN TO THE CITY AND THE ENGINEER FOR THEIR RECORDS. CORRECTION OF ANY IRREGULARITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THIS WILL BE CONSIDERED AS INCLUDED IN THE COST OF SANITARY SEWER.

REVISIONS		NAME	DATE
NO.	DESCRIPTION		

ILLINOIS DEPARTMENT OF TRANSPORTATION
WILSON STREET

GENERAL NOTES AND COMMITMENTS

SCALE: NTS
DATE 07/28/2006

DRAWN BY RVM
CHECKED BY AKK

10/24/2006
FILED
PLOT SCALE
USER NAME