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SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009; 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" MAY 1996 FIFTH EDITION, THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.
- ALL UTILITY COMPANIES, SCHOOL DISTRICTS, AND LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.

STAKING

- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
- PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.
- THE CONSTRUCTION BASELINE HAS BEEN ESTABLISHED FOR STAKING PURPOSES ONLY AND IS NOT INTENDED TO BE A CENTERLINE OF RIGHT-OF-WAY.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, THE COUNTY, ITS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

PAVING AND CURB & GUTTER

- THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB & GUTTER, MEDIAN AND SIDEWALK AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED SAW TO FULL DEPTH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BEING REMOVED.

THE CONTRACTOR SHALL BE REQUIRED TO SAW VERTICAL CUTS SO AS TO FORM CLEAN VERTICAL JOINTS. SHOULD THE CONTRACTOR DEFACE ANY EDGE, A NEW SAWED JOINT SHALL BE PROVIDED AND ANY ADDITIONAL WORK, INCLUDING REMOVAL AND REPLACEMENT, SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.
- BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
- THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE BINDER OR BASE UPON WHICH THE HOT-MIX ASPHALT MATERIALS ARE PLACED.
- DRIVEWAY PAVEMENT REMOVAL SHALL INCLUDE FROM TOP OF DRIVEWAY TO BOTTOM OF PROPOSED AGGREGATE BASE COURSE.
- MILLING OF RANDALL ROAD FOR RESURFACING SHALL NOT BE PERMITTED UNTIL THE CONTRACTOR IS READY TO PLACE SURFACE ON THE H.M.A. PAVEMENT OF STEARNS ROAD, OR AS DIRECTED BY THE ENGINEER.

EXCAVATION

- ALL EXCESS MATERIAL (BROKEN CONCRETE, SEWER PIPE, WASTE ROADWAY EXCAVATION AND SURPLUS MATERIAL FROM SEWER TRENCHES) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS IN THE CONTRACT.
- POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN PROVIDED TO REPLACE SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. THE REMOVAL AND REPLACEMENT AREA SHALL EXTEND TO 12 INCHES BEYOND THE CURB AND GUTTER AND COME UP AT A 1:1 SLOPE TO EXISTING GROUND SURFACE. THESE LIMITS MAY BE ALTERED BY THE ENGINEER IF FIELD CONDITIONS SO WARRANT. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE PLACED BETWEEN THE EXISTING SUBGRADE AND THE PROPOSED PGES. REMOVAL OF THESE UNSUITABLE SOILS SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."
- EMBANKMENT MATERIAL USED FOR THE CONSTRUCTION OF POND 2A SHALL BE CLAY MATERIAL ONLY AS APPROVED BY THE ENGINEER TO PREVENT EXCESSIVE PERMEATION OF WATER.

SEWER

- THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCIDENTAL TO THE COST OF THE SEWER OR STRUCTURE BEING CONSTRUCTED.
- UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. LOCATIONS OF EXISTING DRAINAGE STRUCTURES AND SEWERS AS SHOWN ON THE PLANS ARE APPROXIMATE. PRIOR TO COMMENCING WORK THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL DETERMINE THE EXACT LOCATIONS OF EXISTING STRUCTURES WHICH ARE WITHIN THE PROPOSED CONSTRUCTION LIMITS. DURING CONSTRUCTION, IF THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS, UNDERDRAINS OR FIELD DRAINS WITHIN THE RIGHT-OF-WAY OTHER THAN THOSE SHOWN ON THE PLANS, HE SHALL SO INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF THE NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE. SHOULD THE ENGINEER HAVE DIRECTED THE REPLACEMENT OF A FACILITY, THE NECESSARY WORK AND PAYMENT SHALL BE IN ACCORDANCE WITH SECTIONS 550 AND 601, AND ARTICLE 104.02 OF THE STANDARD SPECIFICATIONS.
- 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. THE CONTRACTOR 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. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWER ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.
- ALL ABANDONED PIPE AND STRUCTURE INVERTS SHALL BE PLUGGED WITH BRICK AND MORTAR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE SEWER ITEMS BEING REMOVED.
- TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.
- DRAINAGE STRUCTURE FLAT-TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE ROAD. ALL FLAT-TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
- ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO SAID SERVICES NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED STORM SEWER SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.

TREE REMOVAL, CLEARING, AND HEDGE REMOVAL

- ALL TREE TRUNK PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS DIRECTED BY THE ENGINEER.
- WHEN TREE TRUNK PROTECTION REQUIRES TEMPORARY FENCING, IT SHALL BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION OR AS DIRECTED BY THE ENGINEER. AFTER TREES ARE SAFELY FENCED, NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCED AREA. PROTECTIVE TEMPORARY FENCE IS TO BE REMOVED ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
- CONTRACTOR SHALL PAY SPECIAL ATTENTION TO ARTICLE 201.01(d) OF THE STANDARD SPECIFICATIONS. REMOVAL OF ALL OBSTRUCTIONS IN THE RIGHT-OF-WAY, THAT ARE NOT INCLUDED IN A SPECIFIC REMOVAL ITEM, SHALL BE CONSIDERED CLEARING AND INCLUDED IN THE COST OF THE CONTRACT. THIS SHALL INCLUDE, BUT NOT LIMITED TO, FENCES, WALLS, FOUNDATIONS, BUILDINGS, WOODEN POWER POLES, GATES, AND ALL VEGETATION, TREES, SHRUBS, ETC. LESS THAN 6" IN DIAMETER.

SIGNING, STRIPING & LANDSCAPING

- THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL NEW SIGNING WILL BE FURNISHED AND INSTALLED BY KANE COUNTY. SIGNS ON THE PROPOSED PAVEMENT MARKING AND SIGNING SHEET ARE FOR REFERENCE ONLY FOR KCDOT.