

# GENERAL NOTES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00543-00-BT	WINNEBAGO	148	2
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO.	8552I

## GENERAL

- IN THE FOLLOWING, THE ILLINOIS DEPARTMENT OF TRANSPORTATION WILL BE REFERRED TO AS IDOT.
- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" PREPARED BY IDOT, ADOPTED JANUARY 1, 2007, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" PREPARED BY IDOT, ADOPTED JANUARY 1, 2010, AND THE STANDARDS OF THE CITY OF ROCKFORD, WHERE APPLICABLE. ALL SEWER AND WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", FIFTH EDITION AND THE STANDARDS OF THE CITY OF ROCKFORD WATER DEPARTMENT AND THE ROCK RIVER WATER RECLAMATION DISTRICT. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.
- GENERAL SAFETY PROVISION: TO PROVIDE DRIVERS WITH SAFE TRAVEL CONDITIONS DURING THE CONSTRUCTION PROJECT, AND TO PROVIDE SAFE WORKING CONDITIONS FOR ALL EMPLOYEES, THE RULES, REGULATIONS, AND CONDITIONS STATED BELOW WILL PREVAIL FOR THE DURATION OF THIS CONTRACT. ANY EMPLOYEE OF THE CONTRACTOR OR HIS SUBCONTRACTORS WHO REFUSES TO COMPLY WITH THESE GENERAL SAFETY PROVISIONS SHALL BE REMOVED FROM THE JOB SITE IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS. THE CONTRACTOR AND ANY SUBCONTRACTORS RETAINED BY HIM SHALL COMPLY WITH THE STATE AND FEDERAL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA), AS IT RELATES TO HIS OPERATIONS, REVISED AS OF JULY 1, 1987.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. HE WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED DURING NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, AS WELL AS ADJOINING RESIDENTIAL AREAS.
- THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT REDUCED SIZE PLANS. DO NOT SCALE REDUCED PLANS FOR CONSTRUCTION DIMENSIONS.
- THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, SURFACE COURSE OR DITCHES, UNLESS OTHERWISE INDICATED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCLUDED IN THE VARIOUS UNIT PRICES FOR THE ITEMS BEING CONSTRUCTED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE AT THE CONCLUSION OF EACH WORKING DAY.
- ANY FRAMES AND GRATES, SIGNS, FENCES, AND RETAINING WALLS DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION, WHICH ARE NOT DESIGNATED TO BE REMOVED OR REPLACED, WILL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING HIS CONSTRUCTION OPERATIONS WITH OTHER CONSTRUCTION AND/OR MAINTENANCE OPERATIONS, INCLUDING UTILITY RELOCATIONS AND ADJUSTMENTS OF OTHER CONTRACTORS WORKING WITHIN THE LIMITS OF THE PROJECT AND ADJACENT TO THE PROJECT.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS. REPLACEMENT OF MONUMENTS WILL BE DETERMINED BY THE ENGINEER. PROPERTY MARKERS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT, ORDERING MATERIALS, OR BEGINNING CONSTRUCTION PARTICULARLY AS THEY RELATE TO LUMP SUM ITEMS. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION, AND SIZE OF EXISTING UTILITIES, AND VERIFY PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING KNOWN PROPERTY LINES, OR SURVEY MARKERS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL REMOVE, STORE, AND RELOCATE TO THE SATISFACTION OF THE ENGINEER ALL EXISTING STREET NAME SIGNS WHICH ARE TO BE RELOCATED IN ACCORDANCE WITH ARTICLE 107.25 OF THE IDOT STANDARD SPECIFICATIONS. THE PLACEMENT OF ADDITIONAL SIGNING SHALL BE THE RESPONSIBILITY OF THE CITY OF ROCKFORD, OR THEIR APPROVED REPRESENTATIVES.
- ANY PRIVATE OR COMMERCIAL SIGNS WHICH NEED TO BE REMOVED FOR CONSTRUCTION PURPOSES SHALL BE HANDLED AS FOLLOWS:
  - WITHIN THE EXISTING RIGHT-OF-WAY: SIGNS SHALL BE REMOVED OR REMOVED AND REPLACED AS DIRECTED BY THE PLANS. PAYMENT FOR ALL MATERIALS AND LABOR REQUIRED FOR THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
  - OUTSIDE THE EXISTING RIGHT-OF-WAY: THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING SIGNS OUTSIDE THE RIGHT-OF-WAY. ANY SIGNS REMOVED FOR CONSTRUCTION PURPOSES SHALL BE CAREFULLY REMOVED AND RE-ERECTED BY THE CONTRACTOR AT A LOCATION NEAREST TO THE ORIGINAL LOCATION, OR AT A LOCATION DETERMINED BY THE ENGINEER IN THE FIELD. ANY DAMAGE DONE TO EXISTING SIGNS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL EXPENSE TO THE OWNER.
- ALL ITEMS SHALL INCLUDE ALL THE NECESSARY MATERIALS AND LABOR TO COMPLETE THE ITEM IN PLACE; MATERIALS AND LABOR NOT SPECIFICALLY IDENTIFIED SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF THE ITEM BEING CONSTRUCTED.
- ALL MATERIALS SHALL MEET OR EXCEED CITY OF ROCKFORD AND SECTION 106 OF THE IDOT STANDARD SPECIFICATIONS.
- THE CITY OF ROCKFORD AND McCLURE ENGINEERING SHALL BE NOTIFIED 48 HOURS PRIOR TO THE START OF CONSTRUCTION. THE CITY OF ROCKFORD WATER DEPARTMENT AND THE ROCK RIVER WATER RECLAMATION DISTRICT SHALL BE NOTIFIED 48 HOURS PRIOR TO PERFORMING WORK ON THE WATER AND/OR SANITARY SEWER SYSTEMS.
- ALL RADII AND DIMENSIONS ARE REFERENCED TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL SUBMIT A PROGRESS SCHEDULE TOGETHER WITH A LIST OF SUPPLIERS AND SUBCONTRACTORS AT THE PRE-CONSTRUCTION MEETING.
- THE CONTRACTOR SHALL KEEP EXISTING ROADWAYS AND PAVEMENTS FREE OF MUD AND OTHER DEBRIS AND SHALL INSTITUTE DUST CONTROL MEASURES DURING CONSTRUCTION.
- SOIL BORING LOGS ARE INCLUDED IN THE CONTRACT DOCUMENTS. A STRUCTURE GEOTECHNICAL REPORT IS AVAILABLE FOR INSPECTION AT THE CONTRACTOR'S REQUEST.

- THE CONTRACTOR SHALL CONFINE WORK ACTIVITIES TO THE CONSTRUCTION LIMITS AS DEFINED ON THE TYPICAL SECTIONS AND CROSS-SECTIONS. AREAS DISTURBED OUTSIDE THE CONSTRUCTION LIMITS WILL BE RESTORED AT THE CONTRACTOR'S EXPENSE.
- ALL WORK PERFORMED BY THE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF TWELVE MONTHS FROM THE DATE OF ACCEPTANCE BY THE OWNER. THE GUARANTEE SHALL COVER PROBLEMS RESULTING FROM DEFECTS IN MATERIALS AND WORKMANSHIP.
- THE CONTRACTOR SHALL KEEP A SET OF APPROVED PROJECT PLANS AND SPECIFICATIONS ON THE SITE AT ALL TIMES.

## TRAFFIC CONTROL

- THE CONTRACTOR SHALL INSTITUTE TRAFFIC CONTROL MEASURES AT ALL TIMES, IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND TRAFFIC CONTROL STANDARDS.
- ROCKFORD MUSEUM PARK AND BURPEE PARKING SHALL BE OPEN TO LOCAL TRAFFIC AT ALL TIMES. ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNER FOR SHORT-TERM CLOSURES. A COPY OF SAID ARRANGEMENT MUST BE GIVEN TO THE ENGINEER PRIOR TO ANY CLOSURES.
- THE CONTRACTOR IS ADVISED THAT IN THE EVENT OF SNOW, HE WILL BE HELD RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY TRAFFIC CONTROL AND PROTECTION/MAINTENANCE OF TRAFFIC DEVICES REQUIRED FOR HIS OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS.
- THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR THE TRAFFIC AS DIRECTED BY THE ENGINEER AND AS CALLED FOR IN THE SPECIAL PROVISIONS. ANY DROP-OFF GREATER THAN 3 INCHES ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH BARRICADES AND SHALL BE INCLUDED IN THE UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION.
- ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR. PAYMENT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION.
- TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN CONDITIONS MAY REQUIRE THE ENGINEER TO MODIFY THE LOCATION OF THE TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL SUPPLY THE CITY OF ROCKFORD AND THE ENGINEER WITH A PRIMARY AND ALTERNATE CONTACT PERSON WITH 24-HOUR, 7-DAY ACCESS WHO CAN REMEDY DEFICIENT OR EMERGENCY TRAFFIC CONTROL MEASURES. THE CONTRACTOR SHALL INSPECT THE TRAFFIC CONTROL DEVICES NOT LESS THAN TWICE DAILY TO ENSURE THAT ALL BARRELS, BARRICADES, AND WARNING DEVICES ARE IN THEIR PROPER PLACE AND OPERATIONAL.
- THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING OR TRAFFIC CONTROL.
- SINCE THIS IS A MUSEUM CAMPUS, THE CONTRACTOR SHALL EXPECT TO BE PERFORMING HIS WORK UNDER A VARIETY OF VEHICULAR AND PEDESTRIAN TRAFFIC. THE CONTRACTOR SHALL PROVIDE REASONABLE PEDESTRIAN ACCESS NEAR THE CONSTRUCTION SITE AT ALL TIMES FOR PERSONS ENTERING AND LEAVING THE CAMPUS, AND SHALL UTILIZE THE CONSTRUCTION ENTRANCE FOR CONSTRUCTION TRAFFIC. WHERE CONDITIONS DO NOT ALLOW SAFE PEDESTRIAN ACCESS, THE CONTRACTOR SHALL BE ALLOWED TO CLOSE CERTAIN SIDEWALKS OR BOARDWALKS IN CONSULTATION WITH THE OWNER ONCE A SATISFACTORY DETOUR ROUTE IS ESTABLISHED.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE MUSEUM DIRECTOR'S OR THEIR DESIGNATED REPRESENTATIVE AND SHALL ACCOMMODATE SCHEDULED MUSEUM EVENTS TO THE FULLEST EXTENT POSSIBLE. REGULAR PROGRESS MEETINGS WITH THE MUSEUM DIRECTORS WILL BE REQUIRED.
- WORK AREAS SHALL BE PROTECTED WITH ORANGE CONSTRUCTION FENCE OR CHAIN LINK FENCE IF CONSTRUCTION OPERATIONS WILL PRECLUDE SAFE PEDESTRIAN ACCESS FOR PERIODS LONGER THAN 24 HOURS.
- WHEN NEEDED BY CONTRACTOR FLAGGERS SHALL COMPLY WITH ALL REQUIREMENTS CONTAINED IN IDOT'S "FLAGGER HANDBOOK" WITH THE FOLLOWING EXCEPTION: THE ANSI CLASS 2 OR 3 VESTS WILL NOT BE SUPPLIED. WHEN THE ROAD IS CLOSED TO THROUGH TRAFFIC AND IT IS NECESSARY TO PROVIDE ACCESS FOR LOCAL TRAFFIC, ALL FLAGGERS AS SHOWN ON THE APPLICABLE STANDARDS WILL BE REQUIRED.
- ALL SITE ACCESS MUST BE CONFINED TO THE CONSTRUCTION EXIT(S)/ENTRANCE(S). THE CONTRACTOR SHALL ESTABLISH A CONSTRUCTION SITE PERIMETER USING CONSTRUCTION FENCE OR CHAIN LINK FENCE TO SEPARATE THE CONSTRUCTION ZONE FROM MUSEUM TRAFFIC, PARKING, DELIVERIES, AND GENERAL ACCESS SHALL BE LIMITED TO THE CONSTRUCTION ENTRANCE.

## REMOVAL

- THE CONTRACTOR WILL PROTECT ALL TREES FROM DAMAGE DUE TO HIS OPERATIONS. ONLY THOSE TREES INDICATED ON THE PLANS OR DESIGNATED BY THE ENGINEER SHALL BE REMOVED OR TRIMMED. TREES DESIGNATED AS "REMOVE" SHALL BE SUBJECT TO FINAL REVIEW BY THE ENGINEER PRIOR TO REMOVAL.
- BRUSH AND WOODY PLANTS SMALLER THAN 6" DIAMETER, GROUND LITTER AND NON-HAZARDOUS TRASH, BRICKS, AND NORMAL CONSTRUCTION DEBRIS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 201.10 (c) "CLEARING" AND SHALL NOT BE MEASURED FOR PAYMENT UNLESS SPECIFICALLY INCLUDED AS A PAYMENT ITEM.
- ALL ROADWAY REMOVAL ITEMS SHALL CONFORM TO SECTION 440 OF THE IDOT STANDARD SPECIFICATIONS. ALL JOINTS BETWEEN THE PORTION REMOVED AND THAT LEFT IN PLACE SHALL BE SAW CUT TO SUCH A DEPTH THAT A CLEAN, NEAT EDGE WILL RESULT WITH NO SPALLING TO THE REMAINING PORTION. ADDITIONAL SAW CUTTING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- THE REMOVAL OF BITUMINOUS SURFACING WHICH IS NOT ON A RIGID TYPE BASE SHALL BE PAID FOR AS EARTH EXCAVATION. THE REMOVAL OF BITUMINOUS SURFACING ON A RIDGED TYPE BASE SHALL BE PAID FOR AS BITUMINOUS SURFACE REMOVAL.
- ANY EXCAVATED BITUMINOUS PAVEMENT, CONCRETE, OR OTHER NON-SOIL MATERIAL SHALL BE HAULED OFF AND DISPOSED OF BY THE CONTRACTOR OFFSITE AT AN APPROVED DUMPING SITE OF HIS CHOOSING.
- IF ANY ASH TREES REQUIRE REMOVAL, THE CONTRACTOR SHALL DOUBLE CHIP. NO CHIPPED MATERIAL SHALL BE LARGER THAN 1" DIAMETER ON ANY SURFACE. IF LOGS ARE TO REMAIN ON SITE, THEY SHALL BE STRIPPED. NO TREE OR STUMP MATERIALS WILL BE REMOVED BY CONTRACTORS TO LOCATIONS OUT OF THE COUNTY OR THE STATE.
- SAW CUTTING, EXCEPT WHERE INDICATED ON THE PLANS FOR PAYMENT, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BEING REMOVED.

## UTILITIES

- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION OR HAVE THE POTENTIAL FOR CREATING FUTURE PROBLEMS SHALL BE REMOVED AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY OR EASEMENTS AT AN APPROVED LOCATION OBTAINED BY THE CONTRACTOR, ACCORDING TO ARTICLE 202.03 OF THE IDOT STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT BID PRICE FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- UTILITIES SHOWN ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND NO GUARANTEE OF THEIR ACCURACY IS MADE OR IMPLIED. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL-INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATION INTO THE LOCATION, SIZE, DEPTH, NUMBER AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER. THIS WORK SHALL BE AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 811 OR 1-800-892-0123 48 HOURS PRIOR TO STARTING CONSTRUCTION FOR CONFIRMATION OF CURRENT UTILITY LOCATIONS AND FOR ALL NON-EMERGENCY WORK WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS. UTILITIES WHICH ARE NOT MEMBERS OF J.U.L.I.E. SHOULD BE NOTIFIED INDIVIDUALLY BY THE CONTRACTOR.
- ALL TESTING, FITTINGS, BEDDING AND GRANULAR CRADLE WHERE NECESSARY, SHALL BE INCLUDED IN THE INSTALLATION OF UNDERGROUND FACILITIES. TRENCH BACKFILL IS REQUIRED WHEREVER UNDERGROUND PIPING AND UTILITIES PASS BENEATH OR WITHIN 2 FEET OF THE PAVEMENT, SIDEWALK, OR CURB.
- ALL EXISTING CONDUITS WHICH WILL BE ABANDONED AND LEFT IN PLACE SHALL BE PLUGGED AT ALL OPEN ENDS WITH CONCRETE OR OTHER APPROVED MEANS. THE COST WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICE FOR THE ITEM BEING REMOVED OR ABANDONED.
- ALL TRENCHING SHALL BE IN ACCORDANCE WITH OSHA STANDARDS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO EXCAVATE FAR ENOUGH IN ADVANCE OF THE PIPE LAYING OPERATION TO AVOID ANY UNNECESSARY DEFLECTION. IF THE CONTRACTOR HAS TO RELAY ANY PIPE BECAUSE HE LAID TOO CLOSE TO AN OBSTRUCTION, IT WILL BE AT HIS OWN EXPENSE.
- IF DURING MANHOLE ADJUSTMENTS, THE CONTRACTOR DAMAGES EITHER THE FRAME OR LID, HE SHALL FURNISH A NEW FRAME AND LID, SAME OR EQUAL, AT NO ADDITIONAL COST. ALL NEW MANHOLES AND INLETS AND THOSE TO BE RECONSTRUCTED SHALL BE CONSTRUCTED WITH NEW FRAMES AND GRATES.
- ALL UTILITY ADJUSTMENTS, EXCEPT WATER AND SEWER, SHALL BE MADE BY THEIR RESPECTIVE OWNERS. PER SB 699 (90 DAY UTILITY RELOCATION LAW), ONCE RIGHT-OF-WAY IS CLEAR TO AWARD THE PROJECT, A NOTICE WILL BE SENT TO THE UTILITY COMPANIES INSTRUCTING THEM TO HAVE THEIR FACILITIES RELOCATED WITHIN 90 DAYS. ESTIMATED DATE RELOCATION COMPLETE = LETTING DATE + 135 DAYS. TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.
- RIM AND FLOW LINE ELEVATIONS ON DRAINAGE STRUCTURES (STORM AND SANITARY) ARE GIVEN ONLY TO ASSIST IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. THE CONTRACTOR SHALL FIELD VERIFY FLOW LINES OF EXISTING SEWER LINES PRIOR TO ORDERING INLETS AND MANHOLES. FRAMES ON ALL STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS A PART OF THE STRUCTURE COST.
- TRENCH BACKFILL MATERIAL WAS CALCULATED USING THE IDOT TRENCH BACKFILL DETAIL.
- AT ALL LOCATIONS WHERE AN EXISTING INLET IS TO BE REMOVED, THE CONTRACTOR IS REQUIRED TO MAINTAIN STORM WATER FLOW AT ALL TIMES.
- THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED STORM SEWER DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS CONTRACT UNIT PRICES FOR STORM SEWER. WHERE A CONCRETE COLLAR IS REQUIRED TO CONNECT OR EXTEND STORM SEWER FROM DIFFERENT MANUFACTURERS, THE CONCRETE COLLAR SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWER.
- FRAMES AND GRATES OF DRAINAGE STRUCTURES TO BE REMOVED OR FILLED SHALL BE CAREFULLY SALVAGED AND SHALL REMAIN THE PROPERTY OF THE CITY OF ROCKFORD AND SHALL BE DELIVERED TO THE CITY YARD. THE COST FOR THIS SHALL BE INCLUDED IN THE VARIOUS BID ITEMS INVOLVED.
- STORM SEWER INSTALLED WITHIN 10 FEET OF A WATER MAIN AND DESIGNATED WATER MAIN QUALITY (W.M.Q.) WILL REQUIRE FLEXIBLE "O" RING GASKETS AS SPECIFIED IN ARTICLE 550.06 OF THE STANDARD SPECIFICATIONS, UNLESS OTHER (W.M.Q.) PIPE IS USED.
- MANHOLES TO BE ADJUSTED THAT FALL WITHIN THE PROPOSED ROADWAY OR SHOULDERS SHALL HAVE A NEW, HEAVY-DUTY CASTING PROVIDED.
- STATIONS AND OFFSETS FOR DRAINAGE STRUCTURES LOCATED WITHIN THE ROADWAY OR EASEMENTS ARE TO THE BACK OF CURB. ALL STATIONS AND OFFSETS FOR DRAINAGE STRUCTURES NOT LOCATED WITHIN THE ROADWAY OR EASEMENTS ARE TO THE CENTER OF THE STRUCTURE. STATIONS AND OFFSETS FOR FIRE HYDRANTS ARE TO THE CENTER OF THE HYDRANT.
- IF EXISTING SANITARY MANHOLES TO BE ADJUSTED DO NOT HAVE STANDARD NEENAH R-1670 OR E. JORDAN E-1117 CASTINGS, OR IF THE CASTINGS ARE IN POOR CONDITION, THE ROCK RIVER WATER RECLAMATION DISTRICT'S SUPPORTING SERVICES DEPARTMENT SHOULD BE CONTACTED PRIOR TO ADJUSTMENT FOR REPLACEMENT CASTINGS. THE CONTRACTOR IS RESPONSIBLE FOR EXCHANGING THE OLD CASTING FOR NEW ONES AT THE DISTRICT, IF REQUIRED. THE DISTRICT WILL FURNISH THE CASTINGS AND LIDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THEM. EXTERNAL MANHOLE "CHIMNEY" SEALS WILL BE REQUIRED - MANHOLE SEAL INSTALLATION WILL BE CONTRACTOR'S RESPONSIBILITY.
- NEW MANHOLE, VALVE VAULT, AND INLET LIDS ON THIS PROJECT SHALL HAVE THE WORDS "STORM", "SANITARY", OR "WATER" ON THE LID. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE APPROPRIATE TYPE OF LID. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.
- SANITARY MANHOLES SHALL BE ADJUSTED PER ROCK RIVER WATER RECLAMATION DISTRICT STANDARDS. THE CONTRACTOR SHALL ALSO NOTIFY THE ROCK RIVER WATER RECLAMATION DISTRICT WHEN ADJUSTING MANHOLES SO THEY MAY WITNESS THEM, AND SHALL FOLLOW DISTRICT SPECIFICATIONS WHICH REQUIRE:
  - A MINIMUM OF 4 INCHES OF ADJUSTMENT RINGS (4" ADJUSTMENT RING NOT REQUIRED IN TURF AREA OR CURB AND GUTTER ROADWAYS)
  - A MAXIMUM OF 12" ADJUSTING RINGS.
  - NO MORE THAN ONE (1) 2" ADJUSTING RING PER MANHOLE.
  - A MAXIMUM OF 10" FROM THE TOP OF CASTING TO THE FIRST STEP.
  - MANHOLE ADJUSTMENT BY GRADING IS PERMITTED.
  - MANHOLE CASTINGS IN ROADWAYS SHOULD BE SHIMMED INTO ALIGNMENT WITH THE PAVEMENT SURFACE. FOR PITCHED CASTINGS, A MINIMUM OF THREE SHIMS (PLASTIC OR METAL) EQUALLY SPACED TO PREVENT ROCKING SHALL BE INSTALLED BETWEEN THE CASTING AND THE MASONRY. THE REMAINING SPACE BETWEEN THE CASTING AND MASONRY SHALL BE FILLED WITH HYDRAULIC CEMENT.
- WHEREVER UTILITIES INCLUDING ELECTRIC, IRRIGATION, COMMUNICATION, OR FIBER-OPTIC, CROSS A PAVED SURFACE OR STRUCTURE, A PVC SLEEVE SHALL BE INSTALLED UNDER THE SIDEWALK, STRUCTURE OR PAVING. THE SLEEVE SHALL BE A MINIMUM OF 2" DIAMETER AND SHALL BE

TAPED ON THE ENDS UNTIL USE. THE SLEEVE SHALL EXTEND A MINIMUM OF 2 FEET BEYOND THE EDGE OF SIDEWALK OR PAVING. THE COST OF THE SLEEVE SHALL BE INCLUDED IN THE COST OF THE UTILITY BEING SERVED.

## EXCAVATION / EARTHWORK

- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- TOPSOIL IS TO BE PLACED AND COMPACTED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS.
- SEE CROSS SECTIONS FOR SPECIAL SLOPES AND SPECIAL DITCHES.
- CLEARING SHALL BE DONE IN ACCORDANCE WITH SECTION 201 OF THE STANDARD SPECIFICATIONS AND SHALL NOT BE MEASURED FOR PAYMENT.
- EARTH REMOVED IN SHAPING THE SUBGRADE OF THE PAVEMENT AND DITCHES AND NOT USED AS FILL SHALL BE DISPOSED OF BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, WITH NO ADDITIONAL COMPENSATION. THE COST OF PERFORMING SUCH WORK IS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- EXISTING TOPSOIL WHICH IS TO BE USED IN EMBANKMENT SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS.
- WHENEVER THE CONTRACTOR WORKS NEAR EXISTING FACILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THESE FACILITIES. PUSH HOLES AND SEARCH HOLES THAT ARE DUG BY THE CONTRACTOR SHALL BE BACKFILLED BY TAMPING THE REMOVED MATERIAL BACK IN PLACE TO KEEP SETTLEMENT TO A MINIMUM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

## ROADWAY ITEMS

- DURING HOT-MIX ASPHALT SURFACE COURSE PAVING, NO LONGITUDINAL JOINTS WILL BE ALLOWED WITHIN THE THROUGH LANE.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL CONCRETE SURFACES PER ARTICLE 420.18 OF THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". THE COST OF THE PROTECTIVE COAT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE TO WHICH IT IS APPLIED.
- DETECTABLE WARNINGS SHALL BE PLACED AT ALL CURB RAMPS PER CITY STANDARDS.
- PREFORMED FIBER EXPANSION JOINTS WHERE REQUIRED SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR WHICH IT IS APPLIED (SIDEWALK, CURB & GUTTER, DRIVEWAYS, ETC.)
- EXISTING UNCONTAMINATED BASE COURSE MATERIAL MAY ALSO BE USED FOR THE PURPOSE OF BUILDING UP ENTRANCES FOR TEMPORARY ACCESS DURING CONSTRUCTION. HOWEVER, NO ADDITIONAL COMPENSATION WILL BE MADE BEYOND THE INITIAL EARTH EXCAVATION, ROADWAY CONTRACT UNIT BID PRICE FOR THE MATERIAL USED.
- BITUMINOUS MATERIALS (PRIME COAT) SHALL BE APPLIED AT A RATE OF 0.075 GALLONS PER SQUARE YARD ON PAVED SURFACES AND 0.40 GALLONS PER SQUARE YARD ON AGGREGATE SURFACES.
- ALL CONCRETE SHALL BE BROOM FINISHED WITH LETTER BOX JOINTS.
- THE CONTRACTOR SHALL SUBMIT FOUR COPIES OF THE REQUIRED SHOP DRAWINGS FOR REVIEW AND APPROVAL BY THE ENGINEER. AFTER APPROVAL OF THE INITIAL SUBMITTAL, THE CONTRACTOR SHALL SUBMIT EIGHT SETS OF FINAL SHOP DRAWINGS TO BE DISTRIBUTED AS FOLLOWS:
  - DISTRICT 2 REGIONAL ENGINEER (1)
  - FABRICATOR (1)
  - CONTRACTOR (2)
  - RESIDENT ENGINEER (1)
  - DISTRICT 2 BUREAU OF MATERIALS (2)
- GROUND WATER MAY ENCRUACH ON THE SUBSTRUCTURE ELEMENTS OF REQUIRED STRUCTURES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL THE GROUND WATER AND DIVERT THE STREAM FLOW DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREA FREE OF WATER. THE METHOD OF CONTROLLING WATER SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND THE COST SHALL BE INCLUDED IN THE COST OF CONCRETE STRUCTURES.

## TOPSOIL / SEEDING

- DISTURBED AREAS ARE LOCATIONS WHERE THE CONTRACTOR'S OPERATIONS HAVE DAMAGED EXISTING GROUND COVER AND/OR TOPSOIL OUTSIDE OF THE LIMITS OF CONSTRUCTION AS SHOWN IN THE PLANS. SEEDING OF THESE DISTURBED AREAS IS INCLUDED IN ALL THE OTHER PROJECT PAY ITEMS AND NO ADDITIONAL COMPENSATION IS ALLOWED.
- THE FINAL TOP 6 INCHES OF SOIL IN ANY AREA MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.
- FERTILIZER SHALL BE APPLIED AT A RATE OF 300 LBS/ACRE TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SOWING THE SEED. A SECOND FERTILIZER APPLICATION 3-WEEKS AFTER SEEDING OF 10-10-10, 250 LBS/ACRE, IF GOOD STAND IS ACHIEVED.
- THE CONTRACTOR SHALL SEED ALL AREAS WITHIN THE LIMITS OF CONSTRUCTION WITH SEEDING, CLASS 1 IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS OR AS APPROVED BY THE ENGINEER.
- THE EXACT LOCATION OF PLANT PLACEMENT SHALL BE ADJUSTED IN THE FIELD TO AVOID UNDERGROUND AND OVERHEAD UTILITIES.

## STRUCTURES

- WHERE CALLED FOR ON THE PLANS, A WATERPROOFING MEMBRANE SHALL BE INSTALLED ACCORDING TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE BUTYL RUBBER MEMBRANE SHALL EXTEND A MINIMUM OF ONE FOOT ON BOTH SIDES OF THE JOINT THAT IT IS INSTALLED TO SEAL, AND FOR THE FULL HEIGHT OF THE JOINT. MATERIAL FOR THE MEMBRANE SHALL CONFORM TO THE MATERIAL REQUIREMENTS OF SECTION 1060.09 OF THE STANDARD SPECIFICATIONS. THIS ITEM IS INTENDED FOR USE WHEREVER A CAST-IN-PLACE OR SOLDIER PILE WALL MEETS A PRECAST MODULAR BLOCK WALL AND FOR EXPANSION JOINTS WHERE INDICATED ON THE PLANS. USE OF THIS ITEM SHALL BE KEPT TO THE MINIMUM NECESSARY TO SEAL DISSIMILAR JOINTS AND NOT AS A GENERAL WALL TREATMENT. THE COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF CONCRETE STRUCTURES.
- ALL JOINTS SHALL BE SEALED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL TAKE NOTE THAT THE FORM LINER TEXTURED SURFACE WILL BE STAINED AND A COMPLEMENTARY COLOR SEALANT MUST BE USED. SUBMIT SAMPLES TO THE ENGINEER PRIOR TO ORDERING OR APPLICATION.
- A STRUCTURE GEOTECHNICAL REPORT WITH ONE AMENDMENT WAS COMPLETED AS PART OF THIS PROJECT. THE SOIL BORING LOGS ARE INCLUDED IN THE CONTRACT DOCUMENTS. IF THE CONTRACTOR WISHES TO REVIEW THE COMPLETE REPORT, A COPY IS AVAILABLE FROM McCLURE ENGINEERING OR THE CITY OF ROCKFORD.

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

SCALE:	Hor. 1"=40'
DRAWN BY:	BCS
CHECKED BY:	JWH
DATE:	AUGUST 13, 2010



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GENERAL NOTES		RIVERWALK MUSEUM CAMPUS	
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