

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2012; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (MUTCD); "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.
- HORIZONTAL CONTROL IS HARN (HPGN) ILLINOIS STATE PLANES EAST ZONE, US FOOT. VERTICAL CONTROL IS NAVD 88.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, MCHENRY COUNTY, AND THE VILLAGE OF ALGONQUIN, FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND GOVERNMENT AGENCIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- THE CONTRACTOR SHALL PROTECT AND RELOCATE EXISTING MAILBOXES WHICH INTERFERE WITH THE WORK IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE POST OFFICE TO COORDINATE MAILBOX RELOCATION.
- NO ADDITIONAL COMPENSATION WILL BE MADE FOR REMOVAL OF STUMPS OR TREE ROOTS THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

PAVING, SHOULDERS AND CURB & GUTTER

- FULL-DEPTH SAW CUTS SHALL BE USED TO REMOVE EXISTING PAVEMENT AND APPURTENANCES FROM MATERIAL TO REMAIN IN ACCORDANCE WITH SECTION 440. THE COST OF THE FULL-DEPTH SAWING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
- HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB & GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.
- PRIOR TO PLACING HOT-MIX ASPHALT ADJACENT TO EXISTING PAVEMENT TO REMAIN, THE EXPOSED EDGE SHALL BE CLEANED OF LOOSE MATERIAL TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE HMA BEING PLACED.
- THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.
- REMOVAL OF EXISTING COMBINATION CURB AND GUTTER SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL" REGARDLESS OF THE CURB AND GUTTER TYPE.
- REMOVAL OF EXISTING AGGREGATE SHOULDERS SHALL BE PAID FOR AS PART OF "EARTH EXCAVATION."
- PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH SECTION 420 OF THE STANDARD SPECIFICATIONS TO CONCRETE MEDIAN SURFACES. ALL EXPOSED SURFACES OF CURBS AND GUTTERS, PCC DRIVEWAYS, AND PCC SIDEWALK. ANY PART OF THIS ITEM CAN BE DELETED OR ANOTHER ADDED AT THE DISCRETION OF THE ENGINEER.

MISCELLANEOUS

- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- SITE OBJECTS: REMOVAL OF MISCELLANEOUS PARKWAY IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BLOCK RETAINING WALLS, CONCRETE FOOTINGS, LANDSCAPE TIMBERS, LANDSCAPE ROCKS, FENCES, FENCE POSTS, PLANTERS, VEGETATION, BRICK OR BRICK PAVEMENT WALKWAYS WITHIN R.O.W. LIMITS SHALL BE INCIDENTAL TO THE PAY ITEM FOR "EARTH EXCAVATION."
- WETLANDS: THE CONTRACTOR MUST BE IN COMPLIANCE WITH THE 404 PERMIT AT ALL TIMES. ACTIVITY IN DESIGNATED WETLAND AREAS IS RESTRICTED TO THOSE AREAS SPECIFICALLY IDENTIFIED AS "IMPACTED" ON THE PLAN SHEETS AND IN THE 404 PERMIT DOCUMENT. SIGNS SHALL BE POSTED AT EACH WETLAND SITE ALONG THE R.O.W. OR LIMIT OF ALLOWABLE IMPACT AS SHOWN ON THE EROSION CONTROL PLANS.
- THE CONTRACTOR SHALL NOT CROSS COMPLETED BINDER COURSE, OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED, WITH CONSTRUCTION EQUIPMENT WHICH MAY DAMAGE THE PAVEMENT. ANY DAMAGED PAVEMENT SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- 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. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN "EARTH EXCAVATION."
- THIS PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS 404 PERMIT. THE PERMIT ISSUED BY THE DEPARTMENT DOES NOT COVER IN-STREAM WORK BY THE CONTRACTOR; THEREFORE, AFTER AWARD, THE CONTRACTOR WILL NEED TO COORDINATE AND HAVE HIS WORK PLAN APPROVED BY THE CORPS. THE CONTRACTOR SHALL PREPARE IN-STREAM WORK PLANS (ALL COFFERDAMS, WORK PADS, AND EROSION AND SEDIMENT CONTROL, ETC.) AND SUBMIT TO THE ENGINEER AND THE U.S. ARMY CORPS OF ENGINEERS FOR REVIEW AND APPROVAL. THE CONTRACTOR SHOULD EXPECT TO HAVE TO ATTEND MEETINGS AT THE USACE OFFICE TO DISCUSS THEIR WORK PLAN IN ORDER TO SECURE THEIR 404 PERMIT. THE COST OF ALL IN-STREAM WORK ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CORPS WILL NOT BE PROVIDING AN APPROVAL UNLESS STATED OTHERWISE IN THE PERMIT AND IN-STREAM WORK CAN COMMENCE AT THE CONTRACTOR'S DISCRETION. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS WEBSITE; [HTTP://WWW.LRC.USARC.ARMY.MIL/](http://www.lrc.usarc.army.mil/)
- SETTLEMENT PLATFORMS SHALL BE PLACED WHERE SHOWN ON THE PLANS AND CONSTRUCTED IN ACCORDANCE WITH SECTION 204.06 OF THE STANDARD SPECIFICATIONS. THE ENGINEER SHALL SURVEY AND RECORD THE ELEVATIONS FOR THE STEEL PLATE BASE, THE TOP OF EACH GRADE PIPE IMMEDIATELY PRIOR TO THE CONTRACTOR ADDING THE NEXT GRADE PIPE, AND THE TOP OF EACH GRADE PIPE AFTER IT HAS BEEN ADDED. THE ENGINEER SHALL ALSO SURVEY THE TOP GRADE PIPE WEEKLY THROUGHOUT THE DURATION OF THE PROJECT. THE COST OF FURNISHING, INSTALLING AND MAINTAINING SETTLEMENT PLATFORMS SHALL BE INCLUDED IN "EARTH EXCAVATION OR MECHANICALLY STABILIZED EARTH RETAINING WALL".

UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND 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. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS OF HIS CONSTRUCTION SCHEDULE AND SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY OWNERS SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER. NOTIFICATION SHALL BE IN WRITING, WITH COPIES TRANSMITTED TO THE ENGINEER.
- ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE WITH THE VILLAGE REGARDING SANITARY SEWER BYPASS PUMPING, WATERMAIN SHUTDOWNS, AND REMOVAL OR ADJUSTMENT OF ANY VILLAGE OWNED FACILITIES.
- WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE "STANDARD SPECIFICATIONS" USING METHOD ONE.
- ALL MANHOLE, CATCH BASIN AND INLET COVERS, FRAMES AND GRATES THAT ARE VILLAGE CONTROLLED, SHALL CONFORM TO THE VILLAGE OF ALGONQUIN SPECIFICATIONS AND DETAILS.

DRAINAGE

- 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.
- WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE "STANDARD SPECIFICATIONS" USING METHOD ONE.
- 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.
- THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES OR CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.
- 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 A PART OF THE STRUCTURE COST.
- 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.
- ANY TEMPORARY DAMMING OR PUMPING REQUIRED FOR THE EXCAVATIONS FOR THE STORM SEWER OR CULVERT CONNECTIONS SHALL BE INCLUDED IN THE COST OF THE STORM SEWER OR CULVERT BEING CONSTRUCTED.
- FOR DRAINAGE STRUCTURES ALONG ALGONQUIN ROAD, INCLUDE NOTICE TEXT "DUMP NO WASTE" AND "DRAINS TO WATERWAY" OR SIMILAR WORDING MEETING THE APPROVAL OF THE MCDOT TO BE CAST INTO THE TOP OF THE LID, CURB INLET, OR GRATE (IF THE FRAME DOES NOT HAVE A CURB INLET). IF THE ENGINEER DETERMINES THAT THE PROPOSED GRATE IS NOT OF SUFFICIENT SIZE TO ALLOW THE TEXT, THE CONTRACTOR SHALL FURNISH AND INSTALL A SEPARATE GREY IRON OR DUCTILE IRON CASTING PLATE WITH THE NOTICE CASE OR ENGRAVED INTO THE PLATE. THE CONTRACTOR SHALL EMBED THE PLATE IN THE CONCRETE FLUSH WITH THE TOP OF CURB AT CURB DRAINAGE STRUCTURE LOCATIONS AS THE CURB IS CONSTRUCTED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURES BEING CONSTRUCTED.

SIGNING, STRIPING & LANDSCAPING

- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SEEDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER.
- 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 EXISTING TRAFFIC SIGNS WHICH INTERFERE WITH THE CONTRACTOR'S WORK SHALL BE REMOVED, A RECORD MADE OF THEIR CONDITION, AND SAFELY STORED AND SAFEGUARDED BY THE CONTRACTOR UNTIL THE ENGINEER DETERMINES THAT THEY BE REINSTALLED IN THE PERMANENT LOCATIONS.
- IMMEDIATELY AFTER EACH SIGN IS REMOVED, A TEMPORARY SIGN OF THE SAME TYPE SHALL BE INSTALLED ON A SIGN SUPPORT APPROVED BY, AND AT A LOCATION DETERMINED BY, THE ENGINEER. THESE SIGNS SHALL BE MAINTAINED STRAIGHT AND CLEAN UNTIL THE PERMANENT SIGNS ARE REINSTALLED.
- ANY SIGN WHICH IS DAMAGED DURING THE TIME IT IS STORED SHALL BE REPAIRED OR REPLACED IN KIND BY THE CONTRACTOR AT HIS OWN EXPENSE PRIOR TO PERMANENT REINSTALLATION.
- ALL UNUSED SIGNS AND POSTS SHALL BE RETURNED TO THE JURISDICTION FROM WHICH IT WAS REMOVED: MCHENRY COUNTY DIVISION OF TRANSPORTATION (ALL SIGNS ON EXISTING ALGONQUIN ROAD) OR THE VILLAGE OF ALGONQUIN (ALL OTHER LOCATIONS).

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET NO. 1 OF 3 SHEETS		STA. TO STA.	
GENERAL NOTES					
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
0003	18A-2	MCHENRY	825	3	
CONTRACT NO. 60F72					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					