CONTRACT NO. 64C83

CONSTRUCTION NOTES

- 1. COIL 50 FEET FROM EACH CABLE REEL IN HANDHOLES.
- 2. SHORING OF BORE-PITS AND TRENCHES IN ACCORDANCE WITH OSHA REGULATIONS IS MANDATORY.
- 3. UNDERGROUND 1-1/4" DIAMETER HIGH DENSITY POLYETHYLENE (HDFE) CONDUITS SHALL BE PLACED AT 42" MINIMUM COVER UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION DRAWINGS. UNDERGROUND 4" DIAMETER FIBERGLASS REINFORCED EPOXY (FRE) CONDUITS SHALL BE PLACED AT 36" MINIMUM COVER UNLESS OTHERWISE SPECIFIED.
- 4. ALL DIRECT BURIED CABLE SHALL BE PLACED AT 42" MINIMUM COVER UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION DRAWINGS.
- 5. THE MINIMUM COVER UNDER A PUBLIC ROADWAY SHALL BE 42" OR SUCH GREATER DEPTH AS MAY BE REQUIRED TO CLEAR THE PAVEMENT STRUCTURE.
- 6. ALL CONDUITS SHALL BE EITHER HIGH DENSITY POLYETHYLENE (HI)PE) OR FIBERGLASS REINFORCED (FRE) AND PLACED AS DIRECTED BY THE PLANS AND SPECIFICATIONS.
- 7. PLACEMENT OF WARNING TAPE AS SHOWN ON CONSTRUCTION DETAILS SHALL BE INCLUDED WITH THE INSTALLATION OF THE FIBER OPTIC CABLES AT NO ADDITIONAL COST.

GENERAL NOTES

- ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS
 OF ANY REGULATING GOVERNMENTAL AGENCY OR THE RIGHT-OF-WAY GRANTOR.
- 2. LOCATIONS OF SOME OF THE PHYSICAL FEATURES WERE OBTAINED FROM DATED OR OTHER DRAWINGS AND MAY NOT BE AS SHOWN OR DEPICTED ON THESE DRAWINGS.
- 3. ANY AND ALL IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENTS, CURBS, GUTTERS, WALKS, DRAINAGE, SODS, ETC., IF DAMAGED, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION WITHIN 24 HOURS OR AS SOON AS PRACTICALLY POSSIBLE. TEMPORARY REPAIRS MAY BE REQUIRED AS DIRECTED BY ON SITE ENGINEER FOR SAFETY CONCERNS.
- 4. EQUIPMENT TYPES SPECIFIED HEREIN (I.E. "BACK HDE" "SWAMP PLOW" ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS, CONTRACTORS AND SUBCONTRACTORS WILL BE NOTIFIED AS TO EXCEPTIONS.
- 5. NOT ALL UTILITIES ARE SHOWN ON THE PRINTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES. A MINIMUM 12" SEPARATION BETWEEN CONDUIT AND OTHER UTILITIES WILL BE MAINTAINED UNLESS APPROVED BY ENGINEER ON SITE, MARKERS SHALL BE PLACED AT 1000' INTERVALS AND AT CHANGES IN CABLE LOCATION/DIRECTION OR TO MARK THE LOCATION OF HANDHOLES. THE CONTRACTOR SHALL ADJUST EXCAVATION AS NECESSARY TO AVOID HIDDEN OBSTACLES AND TO MAINTAIN MAXIMUM DISTANCE FROM THE EDGE OF PAVEMENT. ALL DEVIATIONS SHALL BE APPROVED BY THE ENGINEER.
- 6. TREE PRUNING: ANY TREE BRANCHES BROKEN OR DAMAGED DUE TO THE FIBER OPTIC CABLE INSTALLATIONS SHALL BE PRUNED BACK TO THE NEAREST BRANCH UNION ON SOUND WOOD AND SHALL BE INCLUDED WITH COST OF THE FIBER OPTIC CABLE INSTALLATION.
- 7. TREE REMOVAL: TREES AUTHORIZED FOR REMOVAL BY IDOT SHALL BE EITHER GRUBBED OUT COMPLETELY OR CUT OFF FLUSH WITH GROUND LEVEL. STUMPS REMAINING SHALL BE TREATED WITH TRICLOPYR TO PREVENT RESPROUTING, HERBICIDE TREATMENTS SHALL BE IN ACCORDANCE WITH LABEL DIRECTIONS AND ALL APPLICABLE STATE AND FEDERAL LAWS AND REGULATIONS.
- 8. ALL DEBRIS RESULTING FROM THE INSTALLATION OF THE CABLE, ENCLUDING TRASH, TREE LIMBS, BRUSH, WASTE MATERIALS, ETC., SHALL BE REMOVED FROM THE RIGHT-OF-WAY AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND THE MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. THE CONTRACTOR SHALL PROTECT, SHDRE, BRACE, SUPPORT AND MAINTAIN ALL UTILITIES, ALL UNDERGROUND PIPES, CONDUITS DRAINS, FIELD TILE'S AND OTHER SUBSURFACE OBSTRUCTIONS UNCOVERED OR OTHERWISE AFFECTED BY THE CONSTRUCTION WORK ASSOCIATED WITH INSTALLATION OF THE PROPOSED FIBER OPTIC SYSTEM. APPARENT PIPELINES, SEWERS, CULVERTS, DRAINS, CABLES, AND OTHER EXISTING SUBSURFACE STRUCTURES ARE INDICATED ON THE DRAWINGS. IDOT DOES NOT GUARANTEE THE ACCURACY OF SUCH INFORMATION, OWNERS OF PIPES, CABLES, FIELD TILES AND OTHER BURIED UTILITIES SHALL BE NOTIFIED BY THE CONTRACTOR IN ADVANCE OF ANY EXCAVATION WORK AND REQUESTED TO LOCATE AND EXPOSE UTILITIES. THIS SHALL BE DONE BY CONTACTING JULIE "1-800-892-0123 AND INDIVIDUAL CONTACTS AS REQUIRED, ANY EXPENSE TO THE CONTRACTOR DUE TO ENCOUNTERING SUBSURFACE OBSTRUCTIONS NOT SHOWN, OR IN LOCATIONS DIFFERENT THEN THOSE INDICATED ON THE DRAWINGS SHALL NOT CONSTITUTE A CLAIM FOR PAYMENT. THE CONTRACTOR SHALL MAINTAIN A LOG OF ALL UTILITY CONTACTS MADE DURING THIS PROJECT AND TRANSMIT THE LOG BOCK TO IDOT UPON COMPLETION OF THE PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS, EVEN THOUGH THEY MAY OR MAY NOT BE SHOWN ON THE PLANS. ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR OWNER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE. THE JULLIE. TELEPHONE NUMBER IS (8000892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR ALL NON-EMERGENCY WORK, KNOWN UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE LISTED BELOW, UTILITIES WHICH ARE NOT MEMBERS OF JULLIE. SHOULD BE NOTIFIED INDIVIDUALLY BY THE

AT&T COMMUNICATIONS, INC. 866 ROCK CREEK ROAD PLANO, IL 60545 (630)-552-4677

COMMONWEALTH EDISON COMPANY 123 ENERGY AVE. ROCKFORD, IL 61109 (630)-437-2129

VERIZON 112 WEST ELM STREET SYCAMORE, IL 60178 (815)-895-1515

AT&T 635 18TH STREET ROCK ISLAND, IL 61201 (309)-793-4456

NICOR CAS CO. 1844 FERRY ROAD NAPERVILLE, IL 60563-9600 (630)-983-8676

ROCK RIVER WATER RECLAMATION DISTRICT P.O. BOX 7480 3333 KISHWAUKEE ROCKFORD, IL 61126-7480 (815)-387-8676

US SPRINT 5600 N. RIVER ROAD ROSEMONT, IL 60018 (847)-318-3193 LEVEL 3 COMMUNICATIONS/ (GENUITY TELECOMMUNICATIONS) 149 WEST HWY 174 VILLAGE GREEN SOUARE REPUBLIC. MO 65378

AT&T CABLE OF IOWA 3033 ASBURY ROAD DUBUQUE, IA 52001-8459 (319)-556-6595

NORLIGHT TELECOMMUNICATIONS 13935 BISHOPS DRIVE BROOKFIELD, WI 53005 (262)-792-7219

MEDIACOM 2506-1/2 BLOOMINGTON STREATOR, IL 61364 (815)-672-5071

ROCHELLE CITY ENGINEER P.O. BOX 456 3333 LINCOLN HIGHWAY ROCHELLE, IL 61068 (815)-561-2059

UNDERGROUND TECHNOLOGIES INC. 3150 FOREST VIEW ROAD ROCKFORD, IL 61109 (815)-394-8999

AT&T 866 ROCK CREEK ROAD PLANO, IL 60545-9571 (708)-572-6898 WEST SHORE PIPELINE COMPANY 3400 S. BADGER ROAD ARLINGTON, IL 60005 (847)-439-0270

AT&T 2404 EIGHTH AVE. ROCKFORD, IL 61108 (815)-394-7276

INSIGHT COMMUNICATIONS OF ROCKFORD 4450 KISHWAUKEE STREET ROCKFORD, IL 61109 (815)-395-8977

VILLAGE OF CHERRY VALLEY 806 E. STATE STREET CHERRY VALLEY, IL 61016 (815)-332-3441

NATURAL GAS PIPE LINE 16648 IL HWY 82 GENESEO, IL 61254 (309)-944-4676

IDOT-DIST, 2 819 DEPOT AVE. DIXON, IL 61021 (815)-284-5469

ALDRIDGE ELECTRIC 24151 SOUTH NORTHERN ILLINOIS DRIVE CHANNAHON, IL 60410 (815)-467-0428

- 10. IDOT LOCATES SHALL BE REQUESTED BY CONTACTING KYLE LORENZ (815/284-5469) A REQUEST SHALL BE ACCOMPANIED BY A PLAN SHEET MARKED WITH THE AREA TO BE LOCATED, OR APPROPRIATE MEETING SHALL BE HELD.
- 11. TEMPORARY EROSION CONTROL SHALL COMPLY WITH ILLINOIS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS, SECTION 280 AND STANDARD DRAWING 2080001-03 FOR ALL INSTANCES IN WHICH THE CONSTRUCTION RELATED TO THE INSTALLATION OF FIBER OPTIC CABLE SYSTEM DISTURBS THE EXISTING GROUND CONDITION.
- 12. ANY DAMAGE TO EXISTING FENCE RESULTING FROM THE INSTALLATION AND CONSTRUCTION OF THE FIBER OPTIC SYSTEM SHALL BE REPAIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE APPROPRIATE STANDARDS AT THE CONTRACTOR'S COST. THESE REPAIRS SHALL BE APPROVED BY THE ENGINEER.
- 13. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED EVERY SEVEN DAYS WITHIN THOSE AREAS THAT HAVE BEEN DISTURBED BY THE INSTALLATION OF THE PROPOSED FIBER OPTIC SYSTEM IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS.
- 14. THE CONTRACTOR SHALL PERFORM ALL PROPOSED WORK IN A MANNER THAT DOES NOT REQUIRE ACCESS TO EXISTING RAILROAD PROPERTY AND IN A MANNER THAT IS SATISFACTORY TO THE RAILROAD ENGINEER, ARTICLE 107.12 OF THE STANDARD SPECIFICATIONS SHALL BE ADHERED TO DURING ALL PHASES OF CONSTRUCTION EXCEPT ACCESS TO RAILROAD RIGHT-OF-WAY WILL NOT BE ALLOWED. THE CONTRACTOR'S OPERATIONS MAY ENCROACH OVER THE RAILROAD'S RIGHT-OF-WAY; HOWEVER, SERVICES OF A RAILROAD FLAGGER WILL BE REQUIRED AS DETERMINED BY THE RAILROAD ENGINEER DURING CONSTRUCTION OF THE PROPOSED FIBER OPTIC SYSTEMS THAT WILL BE ATTACHED TO STRUCTURES THAT PASS OVER RAILROAD RIGHT-OF-WAY. THE COST OF ALL RAILROAD COORDINATION AND REQUIRED FLAGGERS SHALL BE INCLUDED IN THE COST OF THE FIBER OPTIC INSTALLATION.
- 15. WHEN WORK IS BEING DONE ON TOLLWAY R.O.W. OR WHEN A LOCATE IS REQUIRED FOR TOLLWAY FACILITIES, THE CONTRACTOR SHALL CONTACT THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY AND REQUEST THAT BY A PERMIT OR WHAT EVER IS REQUIRED BY THE TOLLWAY.

JURISDICTIONAL WETLAND PROCEDURES

THE AREAS DESIGNATED AS JURISDICTIONAL WETLANDS ARE INDICATED ON THE DESIGN PLANS. THESE AREAS ARE PROTECTED UNDER STATE AND FEDERAL REGULATIONS, NO TRAFFIC IS ALLOWED IN THESE PROTECTED AREAS, EXCEPT PLOWING EQUIPMENT AND PEDESTRIAN TRAFFIC ARE ALLOWED THE TRAFFIC IS KEPT TO A MINIMUM AND THE SITES ARE RESTORED TO PRE- EXISTING CONDITIONS. CONSTRUCTION ACTIVITY THAT WILL RESULT IN ANY DISCHARGE OR DISTURBANCE OF THE SURFACE TOPOGRAPHY WILL NOT BE ALLOWED, ANY WORK IN WETLAND MUST COMPLY WITH THE REQUIREMENT OF THE NATION WIDE FERMIT *12 OF SECTION 404 OF THE CLEAN WATER ACT.

CONTACT: DR. CASSANDRA RODGERS (815/284-5455)

THREATENED AND ENDANGERED SPECIES (PLANT) PROTECTION PROCEDURES

THE LOCATION OF THREATENED & ENDANGERED SPECIES WILL BE IDENTIFIED IN THE FIELD BY A REPRESENTATIVE OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THESE AREAS SHALL BE COMPLETELY ENCLOSED AND PROTECTED BY ORANGE PLASTIC SNOW FENCE BY THE CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THESE AREAS HAVE BEEN IDENTIFIED PRIOR TO COMMENCING WORK. THREATENED & ENDANGERED SPECIES ARE PROTECTED UNDER STATE AND FEDERAL REGULATIONS. VEHICULAR TRAFFIC, PEDESTRIAN TRAFFIC AND CONSTRUCTION EQUIPMENT WILL NOT BE ALLOWED IN THESE PROTECTED AREAS. CONSTRUCTION ACTIVITY THAT WILL RESULT IN ANY DISCHARGE OR DISTURBANCE TO THE SURFACE TOPOGRAPHY INSIDE THE PROTECTED AREA WILL NOT BE ALLOWED.

CONTACT: DR. CASSANDRA RODGERS (815/284-5455)

LOCATION OF CROSSING UTILITIES FOR REFERENCE ONLY, PLEASE CALL ALL APPLICABLE UTILITY LOCATORS FOR EXACT LOCATION PRIOR TO DIGGING OR TRENCHING.

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