

102 - ADVERTISEMENT, BIDDING, AWARD, AND CONTRACT EXECUTION

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.

105 - CONTROL OF WORK

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012, AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS"; ADOPTED JANUARY 1, 2013, WITH THE DETAILS IN THESE PLANS, THE REFERENCED STANDARDS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF EXISTING UTILITY FACILITIES, SUCH INFORMATION ONLY REPRESENTS THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH FACILITIES AND IS ONLY INCLUDED FOR THE CONTRACTOR'S CONVENIENCE. THE DEPARTMENT ASSUMES NO RESPONSIBILITY FOR THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN IN THE PLAN RELATING TO THE LOCATION OF EXISTING FACILITIES OR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE AND STATUS OF ALL UTILITY RELOCATION WORK PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT CONSTRUCTION ACTIVITIES DO NOT INTERFERE WITH UTILITY FACILITIES AND RELOCATION WORK. THE CONTRACTOR'S SCHEDULE SHOULD REFLECT CONSTRUCTION SEQUENCING WHICH COORDINATES WITH ALL UTILITY RELOCATION WORK. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE SEQUENCE SCHEDULE OF WORK TO COORDINATE WITH THE RELOCATION SCHEDULE OF CONFLICTING UTILITY COMPANIES.
- COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION MEETING.

UTILITY COMPANY CONTACT INFORMATION

AT&T CORPORATION (FORMERLY SBC)
 1000 COMMERCE DRIVE, FLOOR 2
 OAK BROOK, IL, 60523
 ATTN: MS. ANTOINETTE GLOVER-JONES
 630-573-5703
 EMAIL: AG1852@ATT.COM

NICOR GAS
 1844 FERRY ROAD
 NAPERVILLE, IL 60563
 ATTN: MS. CONSTANCE LANE
 630-388-3830
 CLANE@NICOR.COM

COMCAST CABLE
 688 INDUSTRIAL DRIVE
 ELMHURST, IL 60126
 ATTN: MR. ROBERT SCHULTER
 630-600-6347
 EMAIL: BOB.SCHULTER@CABLE.COMCAST.COM

VILLAGE OF LAKE VILLA
 65 CEDAR AVENUE
 LAKE VILLA, IL 60046
 ATTN: MR. JIM BOWLES
 847-356-6100 EXT. 301
 EMAIL: JBOWLES@LAKE-VILLA.ORG

COMMONWEALTH EDISON
 1500 FRANKLIN BOULEVARD
 LIBERTYVILLE, IL 60048
 ATTN: MS. TERRI BLECK
 847-816-5239
 EMAIL: TERRI.BLECK@COMED.COM

6. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN AND PROTECT EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION; IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS, WHICH ARE STILL IN SERVICE. THE CONTRACTOR SHALL PROTECT THE EXISTING OR NEW UTILITIES WHEN CONSIDERED NECESSARY BY METHODS APPROVED BY THE ENGINEER, AND SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT SETTLEMENT, DISPLACEMENT OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT THE COST THEREOF SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

7. FRAME AND LID ADJUSTMENTS FOR PUBLIC UTILITIES WITHIN THE PROJECT LIMITS WILL BE DONE BY THE RESPECTIVE UTILITY, UNLESS OTHERWISE NOTED. ALL FRAME AND LID ADJUSTMENTS FOR VILLAGE OF LAKE VILLA UTILITIES WILL BE DONE BY THE CONTRACTOR.

106 - CONTROL OF MATERIALS

8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ANY AND ALL MATERIALS AND DEBRIS FROM THE SITE THAT RESULT FROM CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST TO THE STATE. REMOVED PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC., SHALL BE DISPOSED OF OUTSIDE THE RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS" AT LOCATIONS PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.

107 - LEGAL REGULATIONS AND RESPONSIBILITY TO THE PUBLIC

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL EXISTING AREAS (TO REMAIN) AFFECTED BY CONSTRUCTION ACTIVITIES, EQUIPMENT, OR LABORERS TO THE ORIGINAL UNDISTURBED CONDITIONS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL THE COMPLETION OF THE CONTRACT.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE ENGINEER, AUTHORIZED SURVEYOR OR ENGINEER HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- 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. THE CONTRACTOR SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL PERMANENT CONNECTIONS WITH THE SEWERS ARE BUILT AND IN SERVICE. THIS WORK SHALL NOT BE PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE COST OF DRAINAGE ITEMS BEING INSTALLED.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING ITEMS, WHICH WILL NOT BE REMOVED, ANY DAMAGE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

109 - MEASUREMENT AND PAYMENT

- BEFORE ACCEPTANCE BY THE ENGINEER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE ENGINEER. FINAL PAYMENT WILL BE MADE AFTER ALL THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED.
- THE ENGINEER WILL ONLY ACCEPT FIELD QUANTITY VERIFICATION FOR ALL EARTHWORK ITEMS BASED UPON THE CROSS SECTIONS AND CALCULATIONS SUPPLIED ON THE PLANS. THE ONLY METHOD OF CALCULATING THE VOLUME OF QUANTITIES SHALL BE AVERAGE END AREA BASED UPON THE CROSS SECTIONS SUPPLIED. NO ADJUSTMENTS TO THE QUANTITIES WILL BE MADE BY THE USE OF ANY OTHER CALCULATION METHOD. NO COMPUTER PROGRAMS WILL BE ACCEPTED FOR THE QUANTITY MEASUREMENT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING (PRIOR TO ANY WORK AT THE SITE) AS TO ANY DISCREPANCY FOUND WITH THE EXISTING TOPOGRAPHY, CROSS SECTIONS OR EARTHWORK CALCULATIONS.
- THE DETOUR PLAN WILL ONLY BE PERMISSIBLE DURING THE SUMMER DISMISSAL OF LOCAL SCHOOLS USING THE INTERSECTION UNDER CONSTRUCTION. DETOUR SHALL NOT BEGIN PRIOR TO JUNE 6 AND SHALL NOT EXTEND BEYOND AUGUST 15.

COMMITMENTS

15. THE DETOUR PLAN WILL ONLY BE PERMISSIBLE DURING THE SUMMER DISMISSAL OF LOCAL SCHOOLS USING THE INTERSECTION UNDER CONSTRUCTION. DETOUR SHALL NOT BEGIN PRIOR TO JUNE 6 AND SHALL NOT EXTEND BEYOND AUGUST 15.

INDEX OF STANDARD DRAWINGS

L.C.D.O.T. STANDARD DRAWINGS

LC0020	TRENCH WIDTHS FOR TRENCH BACKFILL & PAVEMENT REPLACEMENT, BITUMINOUS
LC2000	UNDERCUT DETAIL
LC2050	TRIANGULAR SILT DIKE INSTALLATION FOR ROADWAY DITCH OR DRAINAGE DITCH
LC2051	PERIMETER EROSION BARRIER INSTALLATION
LC3000	CURB & GUTTER SUBGRADE OPTIONS
LC4100	TYPICAL MINOR ACCESS (PRIVATE ENTRANCE)
LC4202	CONCRETE WASHOUT FACILITIES
LC4800	TRANSITION FROM AGGREGATE SHOULDER TO B-6.24 FOR 16' OFFSET TO FACE
LC5400	TREE PRESERVATION WITH STORM SEWER IN UNCURBED AREAS
LC6000	RESTRICTED DEPTH MANHOLE
LC6020	SUB-SURFACE DRAINS
LC6310	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)
LC6650	WITNESS POST
LC7201	TEMPORARY CONSTRUCTION INFORMATION SIGNS
LC7800	TYPICAL PAVEMENT MARKINGS FOR COUNTRY HIGHWAYS
LC7804	SPECIAL DETAIL FOR ROUNDABOUTS SIGNING AND PAVEMENT MARKINGS

I.D.O.T. (DISTRICT 1) DETAIL DRAWINGS

BD07	STORM SEWER CONNECTION TO EXISTING SEWER
BD32	BUTT JOINTS AND HMA TAPER
BD51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BE301	LIGHT POLE FOUNDATION, CONCRETE, <=35 FT. M.H. (15" B.C.)
BE702	MISCELLANEOUS DETAILS, SHEET A - CABLE SPLICE, POLE WIRING, TRENCH DETAIL

I.D.O.T. HIGHWAY STANDARD DRAWINGS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420701-02	PAVEMENT FABRIC
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
602001-02	CATCH BASIN, TYPE A
602301-03	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB STOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE 8
604091-02	FRAME AND GRATE, TYPE 24
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-10	STEEL PLATE BEAM GUARDRAIL
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
667101-02	PERMANENT SURVEY MARKERS
701901-02	TRAFFIC CONTROL DEVICES
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

NOTE: THE CONTRACTOR SHALL USE THE LATEST VERSION OF THE IDOT HIGHWAY STANDARD DRAWINGS

STRUCTURAL PAVEMENT DESIGN DATA

CEDAR LAKE AT MONAVILLE INTERSECTION
 2005 ADT - 8,800
 PV - 8,448 (96%), SU - 264 (3%), MU - 88 (1%)
 DESIGN LIFE - 20 YEARS
 DESIGN ADT (2030) - 13,000

TRAFFIC FACTOR DESIGN PARAMETERS
 80.0 KIP LOAD
 CLASS II
 TRAFFIC FACTOR - 3.17
 SUBGRADE SUPPORT RATING - POOR

DESIGN HMA MIXTURE TEMPERATURE - 73°
 DESIGN HMA MICRO STRAIN - 86
 DESIGN HMA MODULUS - 750 ksi
 REQUIRED PAVEMENT THICKNESS - 9.75 IN
 REQUIRED SUBGRADE - 12 IN

BOX AROUND NOTE INDICATES ALL ITEMS AND WORK THAT ARE INCLUDED IN THE COST OF THE CONTRACT OR ARE INCLUDED WITH THE ASSOCIATED PAY ITEM. THIS APPLIES TO GENERAL NOTES ON THIS SHEET AND WORK-SPECIFIC GENERAL NOTES ON ALL OTHER SHEETS.

FILE NAME: L:\AL\REC\01122-481\Draw\CORD_Shee.us (General - No View.dgn)

CMT Copyright © 2011 CRAWFORD, MURPHY & TULLY, INC. CONSULTING ENGINEERS License No. 084-000613	USER NAME = Jeff Sedig PLOT SCALE = 48.0000' / 1" = PLOT DATE = 11/12/2012	DESIGNED - MNB DRAWN - MNB CHECKED - CMC DATE - 10/22/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A	F.A.U. R.T.E. 0192 SECTION 06-00153-07-CH COUNTY LAKE TOTAL SHEETS 120 SHEET NO. 2 CONTRACT NO. 63682 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
--	--	---	--	---	---	--