2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS

3-4 SUMMARY OF QUANTITIES

5 TYPICAL SECTIONS

ALIGNMENT, TIES AND BENCHMARKS

7-8 EXISTING PLAN AND REMOVALS

9-10 ROADWAY PLAN

11-15 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

16 EROSION AND SEDIMENT CONTROL PLAN

17 PAVEMENT MARKING AND LANDSCAPE PLAN

18-23 TRAFFIC SIGNAL DISTRICT DETAILS

24-25 TEMPORARY TRAFFICE SIGNAL PLAN

26 EXISTING INTERCONNECT PLAN

27-36 BOX CULVERT REPLACEMENT PLAN 1 (6' x 4')

37-46 BOX CULVERT REPLACEMENT PLAN 2 (4' x 2.5')

48 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD24)

47 STORM SEWER CONNECTION TO EXISTING SEWER (BDO7)

49-52 REMOVE AND REFRECT GUARDRAIL (BM21)

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TCIO)

RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC11)

55 DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC13)

56 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC14)

PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC16)

SR ARTERIAL ROAD INFORMATION SIGN (TC22)

59 DRIVEWAY ENTRANCE SIGNING (TC26)

60 CROSS SECTIONS - WILLOW ROAD

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

001001 - 02 AREAS OF REINFORCEMENT BARS

001006 DECIMAL OF AN INCH AND OF A FOOT

420701-02 PAVEMENT FABRIC

442101 -07 PATCHING, CLASS B

515001-03 NAME PLATE FOR BRIDGES

602001-02 CATCH BASIN, TYPE A

604086-02 TYPE 23 FRAME AND GRATE

606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

630001-10 STEEL PLATE BEAM GUARDRAIL

701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

701421-05 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY.

FOR SPEEDS >= 45 MPH TO 55 MPH

701427-0/ LANE CLOSURE, MULTILANE, FOR SPEEDS < 40 MPH INTERMITTENT OR MOVING OPER.,

FOR SPEEDS < 45 MPH

701501-06 URBAN LANE CLOSURE, 2L. 2W. UNDIVIDED

701601-08 URBAN LANE CLOSURE, MULTILANE, IW OR 2W WITH NON TRAVERSABLE MEDIAN

701701 -08 URBAN LANE CLOSURE, MULTILANE INTERSECTION

701801-05 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE

701901 -02 TRAFFIC CONTROL DEVICES

704001-07 TEMPORARY CONCRETE BARRIER

720001-01 SIGN PANEL MOUNTING DETAILS

720006-03 SIGN PANEL ERECTION DETAILS

780001-03 TYPICAL PAVEMENT MARKINGS

781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

880001-0/ SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

GENERAL NOTES

- 1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES, 48 HOUR NOTIFICATION IS REQUIRED.
- 2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES. AND THE CITY OF NORTHBROOK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL DAMAGE TO EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE. NO ADDITIONAL COST TO THE DEPARTMENT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCES, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING, EXACT LOCATIONS OF ALL STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 8. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 9. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 10. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN ON THE PLANS.
- 11. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- 12. THE CONTRACTOR SHALL PLACE PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH DISTRICT I TYPICAL PAVEMENT MARKINGS DETAIL (TC-13).
- 13. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL LOGS, SHRUBS, BUSHES, SAPLINGS, UNDERBRUSH OR DEBRIS ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS AT LOCATIONS REQUIRING ACCESS TO THE SUBSTRUCTURE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 14. ANY ABANDONED UTILITY OR SEWER ENCOUTERED DURING CONSTRUCTUION SHALL BE PLUGGED AS DIRECTED BY THE ENGINEER AND ABANDONED IN PLACE. THIS WORK SHALL BE INDENTAL TO THE COST OF THE CONTRACT.
- 15. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED. THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE OF DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOTE BE PAID FOR SEPERATELY BUT SHALL BE INCIDENTAL IN THE COST OF THE CONTRACT.
- 16. IF CONFLICTS OCCUR AND RELOCATION OF THE NEW FACILITIES IS NOT FEASIBLE, THE CONTRACTOR SHALL WORK WITH THE ENGINEER TO MAKE ARRANCEMENTS WITH THE UTILITY COMPANIES TO HAVE THE AFFECTED UTILITIES PROTECTED OR RELOCATED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED AS A RESULT OF ANY ADDITIONAL COSTS.

THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN 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.

200 22ND Street, Suite 216, Lombard, 11. 60168 638,785.8518 voice, 638,832,3566 fax

DESIGNED . TVN REVISED . 02/15/13 REVISED -DRAWN . MJW CHECKED TVN REVISED 2/15/2013 REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION WILLOW ROAD

SCALE: N/A SHEET NO. OF SHEETS STA. .

17.

INDEX OF SHEETS, LIST OF IDOT HIGHWAY STANDARD, GENERAL NOTES AND COMMITMENTS

TO STA.

SECTION COUNTY SHEETS 305 1920.01-B-R COOK 60 2 CONTRACT NO. 60W04 FED, ROAD DIST, NO. 1 | ILLINOIS FED. AID PROJEC

MILLENNIA PROFESSIONAL SERVICES DATE