GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

2. THE CONTRACTOR SHALL CONFINE OPERATIONS AND MINIMIZE IMPACTS OF CONSTRUCTION ACTIVITIES OUTSIDE THE PROPOSED GRADING LIMITS DUE TO CULTURAL SENSITIVITY WITHIN THE PARK.

3. ALL EXISTING ITEMS, INCLUDING BUT NOT LIMITED TO SIGNS, BENCHES, KIOSKS, ETC., NOT MARKED FOR REMOVAL SHALL REMAIN AND BE PROTECTED BY THE CONTRACTOR FROM CONSTRUCTION OPERATIONS.

4. TREE REMOVALS AND PRUNING SHOWN IN THE PLANS SHALL BE MARKED IN THE FIELD AND VERIFIED BY THE ENGINEER PRIOR TO REMOVAL OR PRUNING BY THE CONTRACTOR. ALL TREES REMOVED SHALL BE REPLACED AT A 1:1 RATIO WITH THE SPECIES AND DISTRIBUTIONS AS SPECIFIED IN THE SUMMARY OF QUANTITES. ALL REMAINING TREES SHALL BE PROTECTED BY THE CONTRACTOR FROM DAMAGE DUE TO HIS OPERATIONS.

5. EXISTING TREE AND VEGETATION SURVEYS SHOWN IN THE PLANS ARE PARTIAL AND REFLECT ONLY SOME OF THE LOCATIONS WHERE POTENTIAL CONFLICTS WITH THE ROADWAYS OR PARKING LOTS COULD OCCUR. SEE THE PLAN SHEETS AND CONSTRUCTION DETAILS FOR ESTIMATED TREE REMOVAL AND PRUNING LOCATIONS. ALL TREE REMOVAL AND PRUNING SHALL BE DONE ONLY AS DIRECTED BY THE ENGINEER.

6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE LANDSCAPE ARCHITECT KATHY CINDRICH (815-434-8445) AT LEAST 14 DAYS IN ADVANCE OF TREE PLANTING. TREE PLANTING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER AND THE IDNR SITE SUPERINTENDANT KATHY PANGLE.

7. THE CONTRACTOR SHALL REMOVE EXISTING TOPSOIL AND VEGETATION BENEATH NEW PAVEMENT AND SIDEWALK PRIOR TO PREPARING SUBGRADE AND FILL TO REQUIRED SUBGRADE ELEVATION WITH SUITABLE COMPACTED SITE EXCAVATED MATERIAL.

8. EXCESS EXCAVATION SHALL BE DISPOSED OF OFFSITE.

9. GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

10. SEEDING, INCLUDING FERTILIZER AND MULCH, SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED CONSTRUCTION LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED, FERTILIZED, AND MULCHED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTORS' S EXPENSE.

11. WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT CONSTRUCTION JOINT. SAW CUTTING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ITEM BEING CONSTRUCTED.

12. THE ENGINEER SHALL CONDUCT A PATCHING SURVEY PRIOR TO ROADWAY SURFACING TO DETERMINE THE FINAL LIMITS FOR FULL-DEPTH BASE REPAIR AND PAVEMENT PATCHING ON EXISTING ROADWAYS. THE CONTRACTOR SHALL CONSTRUCT FULL-DEPTH BASE REPAIR AND PAVEMENT PATCHING ONLY AT THE DISCRETION OF THE ENGINEER.

13. THE CROSS SLOPE OF ALL PROPOSED SIDEWALKS SHALL NOT EXCEED 2%.

14. ALL REINFORCING BARS SHALL BE ASTM A 706.

15. FINAL PROPOSED SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

16. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

17. WHERE SECTION OR SUB-SECTION CORNERS OR PROPERTY MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MARKERS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AN AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCAITON.

18. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

19. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05 TONS / CU YD
HOT-MIX ASPHALT PAVEMENT	2.016 TON / CU YD
BITUMINOUS MATERIALS:	
PRIME COAT ON EXISTING PAVEMENT	0.05 LB / SQ FT
PRIME COAT ON NEW PAVEMENT	0.025 LB / SQ FT
PRIME COAT ON AGGREGATE	0.25 LB / SQ FT

20. MATERIAL INSPECTIONS SHALL BE COORDINATED THROUGH THE ILLINOIS DEPARTMENT OF TRANSPORTATIONS MATERIALS LAB IN KANKAKEE (815-939-4222).

21. THE CONTRACTOR SHALL NOTIFY THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES KANKAKEE RIVER STATE PARK SITE SUPERINTENDENT KATHY PANGLE (815-933-1383) AT LEAST TWO WEEKS IN ADVANCE OF MOVING EQUIPMENT, MATERIALS, OR WORK FORCES TO EACH SITE. ACCESS TO THE PARK SHALL BE COORDINATED WITH THE SUPERINTENDENT, AND ALL SITES MUST BE ACCESSIBLE TO THE PARK MAINTENANCE STAFF AT ALL TIMES IN CASE OF NEED FOR EMERGENCY ACCESS.

22 CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITIY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR IMFORMANTION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES AND BURIED IDOT FACILITIES PRIOR TO CONSTRUCTION.

23. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.

24. ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.

25. THE PROPOSED LIGHT POLES SHALL BE LOCATED AS NOTED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

26. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA70 (NEC MOST CURRENT ISSUE). THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES AND REQUIREMENTS IN FORCE. ANY INSTALLATIONS WHICH VOID U.L. LISTING (OR THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE SHALL NOT BE PERMITTED.

COMMITMENTS

1. SINCE SUITABLE HABITAT MAY EXIST FOR THE FEDERALLY ENDANGERED INDIANA BAT, THE CONTRACTOR SHALL NOTIFY THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES KANKAKEE RIVER STATE PARK SITE SUPERINTENDENT KATHY PANGLE (815-933-1383) AT LEAST TWO WEEKS IN ADVANCE OF ANY TREE REMOVAL OR PRUNING. THE FOLLOWING MEASURES SHALL BE IMPLEMENTED:

   A. IDNR SHALL CONDUCT A FIELD VISIT BY A QUALIFIED INDIVIDUAL TO DETERMINE IF SUITABLE TREES ARE PRESENT TO PROVIDE INDIANA BAT HABITAT. SUITABLE HABITAT TREES ARE: SHAGBARK AND SHELLBARK HICKORY, LIVE OR DEAD, AND BITTERNUT HICKORY, AMERICAN ELM, SLIPPERY ELM, EASTERN COTTONWOOD, SILVER MAPLE, WHITE OAK, RED OAK, POST OAK, AND SHINGLE OAK THAT ARE DEAD WITH SLABS OR PLATES OF LOOSE OR PEELING BARK ON THE TRUNKS OR LIMBS. ALL SUITABLE TREES MUST BE AT LEAST 9 INCHES DBH (DIAMTER AT BREAST HEIGHT).

   B. IF NO SUITABLE TREES EXIST WITHIN THE PROJECT AREA, ALL TREES ON SITE MAY BE CUT AT ANY TIME.

   C. IF SUITABLE TREES ARE FOUND IN THE PROJECT AREA, THOSE TREES SHALL BE CLEARLY FLAGGED OR MARKED AND SHALL NOT BE CUT BETWEEN APRIL 1 AND OCTOBER 15 (CAN ONLY BE CUT DURING OCTOBER 16 TO MARCH 31). AS NOTED ABOVE, ALL NON-SUITABLE TREES MAY BE CUT AT ANY TIME.

LEGEND

EXISTING WOOD POLE WITH PROPOSED LUMINAIRE, LED, TYPE THREE DISTRIBUTION

PROPOSED LIGHT POLE , WOOD, 30 FT, CLASS 5 WITH LUMINAIRE, LED, TYPE THREE DISTRIBUTION

—— E —— ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.10

EXISTING SERVICE INSTALLATION, 120 VAC

MIXTURE REQUIREMENTS

MIXTURE USE	LEVEL BINDER	BINDER	SURFACE
AC/PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE:	N/A	N/A	MIX "C"

LEGEND,

FILE NAME = L:\IDOT\1108610\WO.15\Drw\CADD.Sheets\D34G251-sht-Gen Notes & Mix Req.dgn	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -
		DRAWN - RAH	REVISED -
	PLOT SCALE = 2.0000 ' / in.	CHECKED - BJD	REVISED -
Default	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, COMMITMENTS, AND MIXTURE REQUIREMENTS
KANKAKEE RIVER STATE PARK

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	2
* WILL & KANKAKEE		CONTRACT NO. 46251		
	ILLINOIS FED. AID PROJECT			