EXCEPT FOR THE TOP 75 MM (3"), ALL AGGREGATE BASES AND SUBBASES 300 MM (12") IN THICKNESS SHALL BE CONSTRUCTED OF AGGREGATE GRADATION CA-2. IF THE SPECIFIED THICKNESS EXCEEDS 300 MM (12"), THE BASES OR SUBBASES SHALL BE CONSTRUCTED OF TOPSIZE 150 MM (6") BREAKER-RUN CRUSHED STONE WITH 70% TO 90% BY WEIGHT, PASSING THE 4" SIEVE AND 15% TO 40% BY WEIGHT, PASSING THE 50 MM (2") SIZE SIEVE, EXCEPT FOR THE TOP 75 MM (3"). THE BREAKER-RUN CRUSHED STONE SHALL BE REASONABLY UNIFORMLY GRADED FROM COARSE TO FINE AND BE TAKEN FROM A QUARRY LEDGE CAPABLE OF PRODUCING CLASS "D" QUALITY AGGREGATE. THE TOP 75 MM (3") SHALL BE GRADATION CA-6 OR CA 10 REGARDLESS OF THICKNESS. THE WATER NECESSARY TO ACHIEVE COMPACTION IN ALL BUT THE TOP 75 MM (3") LAYER MAY BE ADDED AFTER THE SUBBASE OR BASE COURSE IS PLACED ON THE GRADE.

ALL EMBANKMENT CONSTRUCTED OF COHESIVE SOIL SHALL BE CONSTRUCTED WITH NOT MORE THAN 110% OF OPTIMUM MOISTURE CONTENT, DETERMINED BY THE STANDARD PROCTOR TEST. COHESIVE SOIL SHALL BE DEFINED AS ANY SOIL WHICH CONTAINS GREATER THAN 10% PARTICLES BY WEIGHT PASSING THE 75 MM (#200 SIEVE). THE 110% OF OPTIMUM MOISTURE LIMIT MAY BE WAIVED IN FREE-DRAINING GRANULAR MATERIAL WHEN APPROVED BY THE ENGINEER.

THE CONTRACTOR WILL BE REQUIRED TO FURNISH 140 MM (5 1/2") HIGH BRASS STENCILS AS APPROVED BY THE ENGINEER AND INSTALL STATIONING AT 250' INTERVALS. STATIONING SHALL BE PLACED ON BOTH LANES OF 2-LANE HIGHWAYS AND ON THE OUTSIDE LANES IN BOTH DIRECTIONS ON 4-LANE HIGHWAYS. THE STATIONS SHALL BE PLACED 150 MM (6") INSIDE THE PAYEMENT MARKING EDGE SO THEY CAN BE READ FROM THE SHOULDER. THIS WORK WILL BE INCLUDED IN THE COST OF THE FINAL PAVEMENT SURFACE.

THE PROPOSED PIPES FOR ENTRANCES AND SIDE ROADS SHALL BE PLACED IN LINE WITH THE EXISTING OR PROPOSED DITCH LINE.

REMOVAL OF EXISTING CORRUGATED METAL PIPE CULVERTS WILL BE INCIDENTAL TO EARTH

NOSES OF CURBED CORNER ISLANDS NOTED AS 1 & 2 ON HIGHWAY STANDARD 606301 SHALL BE RAMPED UNLESS THE CURB FUNCTION IS FOR THE PROTECTION OF PEDESTRIANS, SIGNALS, LIGHT STANDARDS OR SIGN TRUSS SUPPORTS.

THE CONTRACTOR SHALL INSTALL A 450 MM (18") DIAMETER FORMED OPENING IN THE CONCRETE MEDIAN SURFACE OF THE ISLAND AS DIRECTED BY THE ENGINEER. ALSO, A 75 MM (4") DIAMETER FORMED OPENING SHALL BE INSTALLED IN EACH CORNER OF THE ISLAND 300 MM (1 FOOT) BEHIND THE BACK OF CURB. ALL EXISTING PAVEMENT SURFACES OF OTHER EXISTING OBSTRUCTIONS BENEATH THESE OPENINGS SHALL BE REMOVED BY THE CONTRACTOR. AFTER THE MEDIAN IS IN PLACE THE 450 MM (18") OPENING SHALL BE CORED DOWN 1.2 M (4') AND FILLED WITH DIRT. ALL COSTS INCURRED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE METER (SQUARE FOOT) FOR CONCRETE MEDIAN SURFACE, 100 MM (4 INCH).

THE CONTRACTOR SHALL INSTALL 450 MM (18") DIAMETER FORMED OPENINGS IN THE CONCRETE MEDIAN SURFACE, SPACED AT INTERVALS NO GREATER THAN 75 M (250 FEET), AND/OR AS DIRECTED BY THE ENGINEER. ALL EXISTING PAVEMENT SURFACES OR OTHER EXISTING OBSTRUCTIONS BENEATH THESE OPENINGS SHALL BE REMOVED BY THE CONTRACTOR. AFTER THE MEDIAN IS IN PLACE, CORE EACH OPENING DOWN 1.2 M (4') AND FILL WITH DIRT. ALL COSTS INCURRED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE METER (SQUARE FOOT) FOR P.C. CONCRETE MEDIAN SURFACE, 100 MM

THE COST OF MAKING SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS CONTRACT UNIT PRICES FOR STORM SEWER.

THE COST OF REMOVING EXISTING STORM SEWER DURING THE INSTALLATION OF NEW STORM SEWERS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER BEING

LATERAL DISTANCES FROM THE CENTERLINE ON ALL INLETS ARE TO THE FACE OF THE

THE NEW MANHOLE LIDS ON THIS PROJECT SHALL HAVE THE WORD "STORM", "SANITARY", OR "WATER" ON THE LID. THE WORD TO BE USED IS NOTED ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE WORD TO BE USED ON OTHER LIDS NOT NOTED ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS

ALL PROPOSED MANHOLES ON THIS PROJECT SHALL BE CAST IN PLACE OR PRECAST. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MANHOLE OF THE TYPE

THE CONTRACTOR SHALL DETERMINE FLOWLINES, DEPTH AND SIZE OF EXISTING SEWER LINES WHICH ARE SHOWN ON THE PLANS AS ESTIMATED OR UNKNOWN. THIS INFORMATION IS NECESSARY BEFORE ORDERING INLETS AND MANHOLES.

WHERE FIELD TILE IS ENCOUNTERED, STORM SEWER OR PIPE DRAIN WILL BE USED IN ACCORDANCE WITH SECTION 611. THE MINIMUM SIZE FOR REPLACEMENT WILL BE 150 MM (6") FOR PIPE DRAINS AND 200 MM (8") FOR STORM SEWER, BUT THE SIZE MUST BE AT LEAST 50 MM (2") LARGER THAN THE ADJOINING TILE. THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 IN THE STANDARD SPECIFICATIONS.

ALL SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE CURRENT ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

DESIGNED

CHECKED

DATE

DPA

MWH

DPA

11/04/10

REVISED

REVISED

REVISED

REVISED

THE CONTRACTOR SHALL VERIFY ALL POST LENGTHS REQUIRED PRIOR TO ORDERING.

OT SCALE = AS SHOWN

TREE PLANTING LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ARCHITECT AND A REPRESENTATIVE FROM NORTHERN ILLINOIS UNIVERSITY. MULCH SHALL BE PLACED 3" THICK AND TO THE DIAMETER AROUND THE TREE AS SHOWN ON THE DETAIL. THE MULCH SHALL BE HARDWOOD WOOD CHIPS PLACED ON WEED BARRIER FABRIC. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TREE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123, THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

UTILITY NAME	CONTACT	PHONE
COMED 123 ENERGY AVENUE ROCKFORD, IL 61109	MIKE LENOX JIM SMETANA	(815)490-2869 (815)490-2254
FRONTIER COMMUNICATIONS NETWORK ENGINEERING DEPT. 112 WEST ELM STREET SYCAMORE, 1L 60178	MIKE BRODZIK	(309)454-1470
CITY OF DEKALB WATER 1216 MARKET STREET DEKALB, IL GO115-3531	BRIAN FAIVRE	(815)748-2050
DEKALB FIBER OPTIC, LLC 1626 DEKALB AVENUE SYCAMORE, IL 60178	DANIEL HALVERSON	(815)899-4600
DEKALB SANITARY DISTRICT 303 HOLLISTER AVE	MARK EDDINGTON, P.E.	(815)758-3513

FOLLOWING ARE THE KNOWN UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS WHICH ARE NOT MEMBERS OF JULIE AND SHOULD BE NOTIFIED INDIVIDUALLY BY THE CONTRACTOR:

(630)317-2267

STAN JANUSZ

NORTHERN ILLINOIS UNIVERSITY PATRICK BELL (815)753-6013 ILLINOIS DEPT OF TRANSPORTATION DISTRICT 3 (815)434-6131

PO BOX 624

PO BOX 190

NICOR

DEKALB, IL 60115-0624

AURORA, IL 60507-0190

THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATION SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE VERTICAL DEPTHS OF THE UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE ITEM OF CONSTRUCTION INVOLVED.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE MUNICIPALITY TO DETERMINE APPROVED METHODS OF UTILITY STRUCTURE ADJUSTMENT. UTILITY STRUCTURES MAY INCLUDE, BUT ARE NOT LIMITED TO, MANHOLES, WATER VALVES, HANDHOLES, ETC. ALL MATERIALS AND WORK NECESSARY TO COMPLETE ADJUSTMENTS PER MUNICIPALITY REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED

THE CONTRACTOR SHALL CONTACT MARTY HOLM (COMED TRANSMISSION SECTION) AT 847-309-2123 A MINIMUM OF 48 HOURS, JIM SMETANA (COMED DISTRIBUTION) AND STAN JANUSZ (NICOR) 3 WEEKS PRIOR TO THE START OF CONSTRUCTION ON THE COMED ROW

ALL EXCAVATIONS SHALL BE A MINIMUM OF FIFTEEN (15) FEET AWAY FROM ANY TRANSMISSION STRUCTURE AND MUST REMAIN WITHIN THEIR DESIGNATED WORK ZONE APPROVED BY COMED.

DURING THE CONSTRUCTION PERIOD, ANY EXPOSED METALLIC PIPING SHOULD BE GROUNDED TO PROTECT AGAINST INDUCED VOLTAGES.

ALL STATIONARY METAL OBJECTS PLACED ON THE COMED ROW AREAS MUST BE GROUNDED TO AVOID INDUCED VOLTAGES.

WHEN WORKING IN THE VICINITY OF COMED'S ELECTRIC TRANSMISSION LINES DURING THE INSTALLATION, THE CONTRACTOR WILL FOLLOW OSHA REQUIREMENTS WHICH IS A MINIMUM OF FOURTEEN (14) FEET WORKING CLEARANCE DISTANCE AND MUST BE MAINTAINED BETWEEN THE BOOMS, ARMS OR OTHER PARTS THAT CAN BE RAISED ON THE CONTRACTORS EQUIPMENT AND THE EXISTING COMED 345,000 AND 138,000 VOLT ELECTRIC TRANSMISSION CONDUCTORS, UNDER NO CIRCUMSTANCES, SHOULD TRUCK BEDS BE RAISED UNDERNEATH COMED

EXCAVATIONS WITHIN COMED ROW AREAS SHALL NOT BE LEFT OPEN OVERNIGHT.

NO EQUIPMENT OR MATERIALS SHALL BE PARKED OR STORED ON THE COMED EASEMENT WHEN THERE IS NO WORK ACTIVITY. THIS INCLUDES OVERNIGHT.

EXCAVATIONS BEYOND THREE (3) FEET OF THE UNDERGROUND COMED DISTRIBUTION CABLES SHALL BE DONE BY MACHINE ASSISTED HAND EXCAVATION METHODS. EXCAVATION WITHIN THREE (3) FEET OF THE COMED UNDERGROUND DISTRIBUTION CABLES SHALL ONLY BE DONE BY HAND EXCAVATION METHODS.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

TRENCH BACKFILL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 550, EXCEPT METHOD 3 WILL NOT BE ALLOWED.

TRENCH BACKFILL FOR MANHOLES, INLETS, AND CATCH BASINS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THOSE ITEMS.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE

FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY UNCONTROLLED CRACKING THAT OCCURS IN PCC PAVEMENTS, SIDEWALKS, CURBS, OR CURB AND GUTTER PRIOR TO FINAL ACCEPTANCE SHALL BE ROUTED O SAWED AND SEALED ACCORDING TO IDOT STANDARD SPECIFICATION SECTION 452. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONCRETE ITEMS.

GRANULAR BEDDING, HAUNCHING, AND INITIAL BACKFILL MATERIAL CLASS 1A IN ACCORDANCE WITH ASTM D2321 SHALL BE CONSTRUCTED A MINIMUM OF 6" BELOW AND 12" OVER THE TOP OF ALL SANITARY SEWER.

WHERE SECTION, SUBSECTION, SUBDIVISION, OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. TH CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS LINTIL AN OWNER OR AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATION.

CONTRACTORS BIDDING THIS PROJECT SHALL VISIT THE SITE BEFORE BIDDING.

THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION

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

GRANULAR MATERIALS	2.05	TONS / CU YD
BIT MATERIALS (PRIME COAT)	0.375	GAL / SQ YD
ON AGGREGATE BASES	0.070	CAL / OQ 1D
BITUMINOUS MATERIALS	0.08	GAL / SQ YD
(PRIME COAT)		
POLYMERIZED BIT MATERIALS	0.10	GAL / SQ YD
(PRIME COAT)		
FOR ADDITIONAL HMA LIFTS	0.08	GAL / SQ YD
"FOG COAT" EXISTING PVT		
FOR PREVIOUS HMA LIFTS	0.05	GAL / SQ YD
"FOG COAT"		
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATIO
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

COMMITMENTS: NONE

NOR	THERN	ILLINOIS	UNIVERSITY	
FAR	WEST	CAMPUS	EXPANSION	
	GE	NERAL NO	DTES	

SECTION 06-00002-00-PV

DEKALB CONTRACT NO. 87476

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SCALE: AS SHOWN SHEET NO. OF

TO STA.

COUNTY

TOTAL SHEE SHEETS NO.

148

SHEETS STA.

FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT

202-GEN.dgr

HANSON