



© Copyright Hanson Publishing Inc. 2014

GENERAL NOTES

- 1 ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
2 ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
3 IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT, AS DEFINED IN ARTICLE 101.17, REGARDLESS IF TRACK MOUNTED OR WHEELED.
4 BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS, END SECTIONS OR INLETS THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR EXACT LENGTHS AND QUANTITIES REQUIRED.
5 ALL DRAINAGE STRUCTURES SHALL BE FREE OF SILT, DEBRIS, OR OTHER SUCH OBSTRUCTIONS AT THE TIME OF FINAL INSPECTION. THE CLEANING OF THESE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS INVOLVED.
6 GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POST, 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 OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7 THESE PLANS HAVE BEEN PREPARED USING STANDARD SYMBOLS AS INDICATED IN THESE PLANS, AND THEY SHALL TAKE PRECEDENCE OVER THOSE SHOWN ON STANDARD 000001 IF THERE IS A CONFLICT.
8 IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
9 ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
10 FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF EIGHT SAND BAGS PER BARRICADE.
11 THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE BITUMINOUS SURFACE BEFORE TRAFFIC IS ALLOWED ON THE PAVEMENT.
12 SAW CUTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR THE ITEM BEING REMOVED, IF NECESSARY, IN ORDER TO CREATE A CLEAN JOINT FOR THE CONSTRUCTION OF THE PROPOSED ITEMS.
13 EXCAVATION IN GRAVEL, RIP RAP OR OIL AND CHIP ROADWAY IS TO BE PAID AS EARTH EXCAVATION.
14 ALL OPENINGS IN PRECAST STRUCTURES SHALL BE PRECISE TO THE PROPER SIZE. THIS INCLUDES OPENINGS FOR PIPE STRUCTURES, MANHOLE OPENINGS, AND OPENINGS FOR THE PIPE STRUCTURES, MANHOLE OPENINGS, AND OPENINGS FOR PIPE UNDERDRAIN. COST FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS FOR THE STRUCTURES INVOLVED.
15 AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALL WILL NOT BE ALLOWED.
16 THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER.
17 WHERE SECTION OR SUB-SECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED, THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
18 WHEN REQUIRED BY ARTICLE 420.21, A PROTECTIVE COAT SHALL BE APPLIED TO CONCRETE PAVEMENT, GUTTER FLAGS, CURB SURFACES, AND OTHER CONCRETE APPURTENANCES ADJACENT TO THE PAVEMENT.
19 SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME AND TELEPHONE NUMBER FOR THE RAILROAD ENGINEER IS PAT JONES, 708-332-3557. CONTACT PAT JONES FOR RIGHT OF ENTRY AND FLAGGING WILL BE COORDINATED BY MARY ELLEN CARMODY. MARY ELLEN CAN BE REACHED AT 248-740-6227.
20 THE PROPOSED RIGHT OF WAY SHOWN IN THESE PLANS ALONG OLYMPIAN DRIVE FROM STATION 440+96.96, 108.33' LT TO STATION 458+52.00, 164.00' LT SHALL BE CONSIDERED A PERMANENT DRAINAGE EASEMENT.

COMMITMENTS

- 1 CONSTRUCTION BETWEEN STATION 460+00 AND NORTH LINCOLN AVENUE SHALL BEGIN AFTER SEPTEMBER 26, 2014.

GENERAL NOTES (CONT.)

- 21 FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
HOT-MIXED ASPHALT - 112 LBS/SO YD-IN
SJB-BASE GRANULAR MATERIAL & AGGREGATE BASE - 2.05 TONS/CU YD
ALL OTHER AGGREGATE - 1.89 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT):
ON PAVEMENT - 0.1 GAL/ SO YD
ON AGGREGATE SURFACE - 0.5 GAL/ SO YD
RIPRAP - 1.5 TONS/CU YD
SEEDING FERTILIZER RATIO (NIT:PHOS:POT) - 90:90:90 LBS/AC
AGRICULTURAL GROUND LIMESTONE - 2.00 TONS/AC
MULCH - 2.00 TONS/AC
EARTHWORK SHRINKAGE = 15%
LIME - 50 LBS/SY
22 TOPSOIL EXCAVATED FROM WITHIN THE PROJECT LIMITS MAY BE USED AS EMBANKMENT, BUT SHALL ONLY BE PLACED AT LOCATIONS APPROVED BY THE ENGINEER.
23 ELEVATION DATA IS BASED ON NATIONAL GEODETIC VERTICAL DATUM 1988 (NGVD88).
24 CONTRACTOR WILL BE RESPONSIBLE TO HAVE ALL RAILROAD SIGNAL WIRES LOCATED BEFORE ANY DIGGING IS DONE ON IC PROPERTY. THIS MUST BE REQUESTED 5 DAYS IN ADVANCE OF ANY DIGGING BY SUBMITTING THE PROPER FORM TO MARY ELLEN CARMODY AT MARYELLEN.CARMODY@CN.CA. FORM IS INCLUDED WITH ROE.
25 ALL CONSTRUCTION RELATED ACTIVITIES SHALL BE IN COMPLIANCE WITH SPECIAL PROVISIONS FOR WORK ON CN PROPERTY, INCLUDING SAFETY, SAFETY TRAINING, FLAGGING REQUIREMENTS, TEMPORARY SHORING (AS NECESSARY) ETC. ANY TEMPORARY STRUCTURE THAT AFFECTS THE CN PROPERTY OR TRACKS (E.G. SHORING) SHALL BE SUBMITTED FOR C.N. REVIEW AND APPROVAL. ALL PLANS THAT ARE SUBMITTED TO CN MUST BE STAMPED BY APPROPRIATE LICENSED ENGINEER AND BE RECEIVED AT LEAST 2 WEEKS PRIOR TO COMMENCEMENT OF THE WORK. NO WORK SHALL COMMENCE PRIOR TO RECEIPT OF CN'S WRITTEN APPROVAL.

UTILITY NOTES

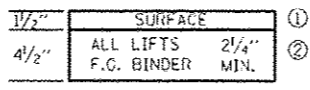
- 1 THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

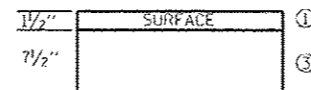
UTILITY CONTACT INFORMATION

ILLINOIS AMERICAN WATER - STEVE WEGMAN, 217-373-3255
AMEREN IP (GAS AND ELECTRIC) - STEVE ESTES, 217-383-7304
COMCAST - ROBERT VALENTINE, 217-202-2644
AT&T - MIKE MURPHY, 217-398-7979
PAETEC - JEFF TAYLOR, 309-838-0788
U.S. SPRINT CORP. - JAMES BURTON, 847-318-3437

- 2 ANY DAMAGE TO THE UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. UTILITY ADJUSTMENTS SHALL BE MADE BY THE UTILITY COMPANIES UNLESS NOTED OTHERWISE.
3 ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN CITY/COUNTY R.O.W. SHALL BE RELOCATED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN IN THE PLANS.
4 ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED 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.
5 THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL OBTAIN EXACT UTILITY LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. THE FOLLOWING STANDARD UTILITY DEPTHS WERE USED IF INFORMATION WAS UNAVAILABLE:
TELEPHONE / FIBER OPTIC - 2 FEET
GAS - 2.5 FEET
CABLE TV - 1.5 FEET
ELECTRIC - 3 FEET
SANITARY SEWER - 2.5 FEET
WATER - 4 FEET
6 ALL ELECTRIC LINES WILL REMAIN ENERGIZED DURING CONSTRUCTION UNLESS OTHERWISE COORDINATED WITH THE UTILITY COMPANY.



LINCOLN AVE
HMA PAVEMENT
FULL DEPTH 6"



HMA SHOULDERS

LIST OF STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02 AREAS OF REINFORCEMENT BARS
001006-00 DECIMAL OF AN INCH AND OF A FOOT
280001-07 TEMPORARY EROSION CONTROL SYSTEMS
420001-07 PAVEMENT JOINTS
420101-04 24' JOINTED PCC PAVEMENT
420106-04 36' JOINTED PCC PAVEMENT
420401-10 BRIDGE APPROACH PAVEMENT CONNECTOR
515001-03 NAME PLATE FOR BRIDGES
542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542606-02 REINFORCED CONCRETE PIPE TEE
601001-04 SUB-SURFACE DRAINS
601101-01 CONCRETE HEADWALL FOR PIPE DRAIN
602301-04 INLET - TYPE A
602401-03 MANHOLE TYPE A
602701-02 MANHOLE STEPS
604001-03 FRAME AND LIDS TYPE 1
604036-02 GRATE TYPE 8
604101-01 MEDIAN INLET FOR 24" REINFORCED CONCRETE PIPE
606001-05 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
610001-06 SHOULDER INLET WITH CURB
630001-10 STEEL PLATE BEAM GUARDRAIL
630201-06 PCC / HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-06 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-12 TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
667101-02 PERMANENT SURVEY MARKERS
701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 4.5M (15') AWAY
701006-05 OFF-RD OPERATIONS, 2L, 2W, 4.5M (15') TO 600MM (24") FROM EDGE OF PAVEMENT
701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04 LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-03 TRAFFIC CONTROL DEVICES
720001-01 SIGN PANEL MOUNTING DETAILS
720006-04 SIGN PANEL ERECTION DETAILS
728001-01 TELESCOPING STEEL SIGN SUPPORT
780001-04 TYPICAL PAVEMENT MARKINGS
781001-03 TYPICAL APPLICATIONS RAISE REFLECTIVE PAVEMENT MARKERS
B.L.R. 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
B.L.R. 22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY TRAFFIC/ROAD CLOSED TO THRU TRAFFIC)

MINIMUM MIXTURE REQUIREMENTS

Table with 4 columns: MIXTURE NUMBER, LOCATION(S), MIXTURE USE(S), AC/PG, RAP % (MAX.), DESIGN AIR VOIDS, MIXTURE COMPOSITION (GRADATION MIXTURE), FRICTION AGGREGATE. Rows include NO. 1 (LINCOLN AVE.), NO. 2 (LINCOLN AVE.), and NO. 3 (OLYMPIAN DR.).

• SEE RAP/RAS SPECIAL PROVISION

MINIMUM MIXTURE REQUIREMENT NOTES

IF AN ANTI-STRIPPING ADDITIVE IS REQUIRED FOR ANY HMA, THE COST OF THE ADDITIVE WILL NOT BE PAID FOR SEPARATELY AS DESCRIBED IN ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS. IF THE CONTRACTOR ANTICIPATES THAT AN ADDITIVE WILL BE NEEDED, THE COST SHOULD BE INCLUDED IN THE UNIT BID PRICE FOR HMA OF THE SPECIFIED TYPE.

THE MIXTURE REQUIREMENTS SET FOR IN THE TABLE ABOVE ARE MINIMUM MIXTURE REQUIREMENTS. THE CONTRACTOR MAY SUBSTITUTE HIGHER FRICTION AGGREGATE HMA MIXTURES FOR A LOWER FRICTION AGGREGATE HMA MIXTURE AT THE CONTRACT UNIT PRICE FOR THE LOWER FRICTION AGGREGATE HMA MIXTURE. THE CONTRACTOR MAY SUBSTITUTE HIGHER DESIGN AIR VOIDS HMA MIXTURES FOR A LOWER DESIGN AIR VOIDS HMA MIXTURE AT THE CONTRACT UNIT PRICE OF THE LOWER DESIGN AIR VOIDS HMA MIXTURE. THE CONTRACTOR MAY SUBSTITUTE POLYMER HMA MIXTURES FOR A NON-POLYMER HMA MIXTURE AT THE CONTRACT UNIT PRICE OF THE NON-POLYMER HMA MIXTURE.

Vertical table with columns: DATE, DESIGNED, DRAWN, CHECKED, DATE, USER NAME, PLOT SCALE, PLOT DATE.

Table with columns: FILE NAME, USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, COMMITMENTS, MIXTURE REQUIREMENTS
PROPOSED OLYMPIAN DR. EAST

SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.