

GENERAL NOTES

- ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
- 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.
- 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.
- 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.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF EIGHT SAND BAGS PER BARRICADE.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR BITUMINOUS SURFACE BEFORE TRAFFIC IS ALLOWED ON THE PAVEMENT.
- 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.
- ELEVATION DATA IS BASED ON NATIONAL GEODETIC VERTICAL DATUM 1988 (NGVD88).
- EXCAVATION IN GRAVEL, RIP RAP OR OIL AND CHIP ROADWAYS IS TO BE PAID AS EARTH EXCAVATION.
- BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS, END SECTIONS OR INLETS THE CONTRACTOR SHALL VERIFY LENGTHS AND QUANTITIES REQUIRED.
- 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.
- 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.
- AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALL WILL NOT BE ALLOWED.
- ALL THE ENTRANCE CULVERT LENGTHS SHOWN IN THE PLANS WERE CALCULATED WITH THE ASSUMPTION THAT METAL PIPES AND METAL END SECTION WOULD BE USED.
- CULVERT EXTENSIONS AS SHOWN IN THE PLANS SHALL BE EXTENDED AT THE SAME SLOPE AS THE EXISTING CULVERT.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HOT-MIX ASPHALT - 112 LBS/SQ YD-IN  
 SUB-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/ SQ YD  
 ON AGGREGATE SURFACE - 0.5 GAL/ SQ 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 = 20%

- ESTIMATED QUANTITIES WERE INCLUDED IN THE PLANS FOR DITCH CLEANING AND CLASS D PATCHES. THE ENGINEER SHALL DETERMINE IN THE FIELD THE ACTUAL LOCATIONS AND QUANTITIES FOR DITCH CLEANING AND CLASS D PATCHES.

UTILITY NOTES

- 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

AT&T ATTN: MR. JOHN QUINN 65 W. WEBSTER ST. FLOOR 1 JOLIET, IL 60432 (815) 727-0424	COMCAST CT CORPORATION SYSTEM 208 S LASALLE ST. CHICAGO, IL 60604 (815) 744-2612	DANVILLE SANITARY SEWER ATTN: ROGER FITTING P.O. BOX 724 1616 GRAPE CREEK ROAD DANVILLE, IL 61834 (217) 442-3193
AMEREN IP ATTN: MR. STEVE ESTES 1112 ANTHONY DR. P.O. BOX 17070 URBANA, IL 61803 (217) 383-7304	MCLEOD USA ATTN: ANDREW EASTMAN 1 MARTHAS WAY HIAWATHA, IOWA 52233 (319)790-6195	VERIZON NORTH, INC ATTN: MS. MARY RUTH WILLIS 110 EAST MONROE P.O. BOX 2675 BLOOMINGTON, IL 61702 (309) 827-1617
AMEREN CIPS ATTN: BRUCE KALLAL ROUTE 9 EAST 1205 EAST PELLIS ST. PAXTON, IL 60957 (217) 379-5441	AQUA ILLINOIS INC ATTN: MR. JOSHUA C. GABEHART 322 N. GILBERT STREET DANVILLE, IL 61832 (217) 443-3063 x126	EASTERN ILLINI ELECTRIC COOP ATTN: BILL HOFFSCHNEIDER 330 W. OTTAWA ST. PAXTON, IL 60957 (217) 379-2131

- 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.
- 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
- ALL ELECTRIC LINES WILL REMAIN ENERGIZED DURING CONSTRUCTION UNLESS OTHERWISE COORDINATED WITH THE UTILITY COMPANY.

COMMITMENTS

WETLAND SITE 2, LOCATED AT STA. 8+00, SHALL NOT BE DISTURBED. TEMPORARY CONSTRUCTION FENCING SHALL BE PLACED ALONG THE EXISTING R.O.W., EAST OF WETLAND SITE 2 TO PREVENT DISTURBANCE OF THE SITE.

LIST OF STANDARDS

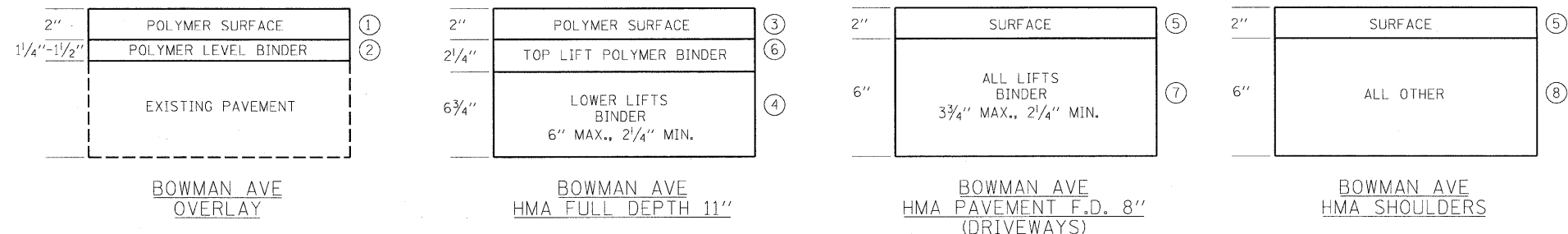
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREA OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUTS
420001-07	PAVEMENT JOINTS
442201-03	CLASS C AND D PATCHES
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTIONS
542401-01	METAL END SECTIONS FOR PIPE CULVERTS
542406-01	METAL END SECTIONS FOR PIPE ARCHES
630001-08	STEEL PLATE BEAM GUARDRAIL
630101-08	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-06	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-08	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 4.5M (15') AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W DAY ONLY, FOR SPEEDS >= 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL RAISED REFLECTIVE PAVEMENT MARKERS
B.L.R. 22-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (2L2W-ROAD CLOSED TO THRU TRAFFIC)

MINIMUM MIXTURE REQUIREMENTS

MIXTURE NUMBER:	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8
LOCATION	BOWMAN AVE.	BOWMAN AVE.	BOWMAN AVE.	BOWMAN AVE.	BOWMAN AVE.	BOWMAN AVE.	BOWMAN AVE.	BOWMAN AVE.
MIXTURE USE (S):	SURFACE	LEVELING BINDER	SURFACE	LOWER LIFTS BINDER FULL DEPTH PAVEMENT	SURFACE DRIVEWAY	TOP LIFT BINDER FULL DEPTH PAVEMENT	ALL LIFTS BINDER DRIVEWAY PAVEMENT	SHOULDERS
AC/PG:	SBS PG 70-22	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22	SBS PG 70-22	PG 64-22	PG 58-22
RAP (%) MAX:	10%	10%	10%	15%	15%	10%	25%	50%
DESIGN AIR VOIDS	4.0% @ N DESIGN = 70	4.0% @ N DESIGN = 70	4.0% @ N DESIGN = 90	4.0% @ N DESIGN = 70	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 70	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 30
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 9.5	IL 19.0	IL 9.5	IL 19.0	IL 19.0	OTHER
FRICITION AGGREGATE	MX "D"	MX "C"	MX "E"	NA	MIX "C"	NA	NA	NA

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.



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