

**HIGHWAY STANDARDS**

- 000001-06 Standard Symbols, Abbreviations and Patterns
- 424001-05 Curb Ramps for Sidewalks
- 442201-03 Class C and D Patches
- 606001-04 Concrete Curb Type B and Combination Concrete Curb and Gutter
- 664001-02 Chain Link Fence
- 701502-04 Urban Lane Closure, 2L, 2W, with Bidirectional Left Turn Lane
- 701606-07 Urban Lane Closure, Multilane, 2W with Mountable Median
- 701701-07 Urban Lane Closure, Multilane Intersection
- 701801-04 Lane Closure, Multilane 1W or 2W Crosswalk or Sidewalk Closure
- 701901-01 Traffic Control Devices
- 720001-01 Sign Panel Mounting Details
- 720016-02 Mast Arm Mounted Street Name Signs
- 780001-02 Typical Pavement Markings
- 805001-01 Electrical Service Installation Details
- 814001-02 Handholes
- 814006-02 Double Handholes
- 857001-01 Standard Phase Designation Diagrams and Phase Sequences
- 873001-02 Traffic Signal Grounding & Bonding
- 877001-04 Steel Mast Arm Assembly and Pole 16' Through 55'
- 877011-04 Steel Combination Mast Arm Assembly and Pole 16' Through 55'
- 878001-08 Concrete Foundation Details
- 880006-1 Traffic Signal Mounting Details

**GENERAL NOTES**

1. THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.  
  
THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
2. WHERE SECTION OR SUBSECTION MONUMENTS 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 AND AN AUTHORIZED SURVEYOR OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
3. ALL ELEVATIONS SHOWN REFER TO THE U.S.G.S. DATUM AT SEA LEVEL, UNLESS OTHERWISE NOTED.
4. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION, AND THEIR TRUE LOCATION IS NOT GUARANTEED TO BE AS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY OUT HIS OR HER OPERATIONS ACCORDINGLY.
5. THE FOLLOWING UTILITIES HAVE FACILITIES WITHIN THE LIMITS OF CONSTRUCTION:  
  

CITY OF QUINCY	SANITARY SEWER	730 MAINE ST, QUINCY, IL	(217)-228-4555
CITY OF QUINCY	WATER	730 MAINE ST, QUINCY, IL	(217)-228-4580
AMERITECH	TELEPHONE	601 BROADWAY, QUINCY, IL	(217)-224-9961
ADAMS TELEPHONE CO.	FIBER OPTIC	405 EMMINGA RD, GOLDEN, IL	(217)-696-4411
AMEREN CIPS	ELECTRICAL	700 JERSEY, QUINCY, IL	1-800-789-2477
AMEREN CIPS	GAS	700 JERSEY, QUINCY, IL	1-800-789-2477
INSIGHT COMMUNICATIONS	CABLE	2930 STATE ST, QUINCY, IL	(217)-222-5388
6. ADJUSTMENTS OF UTILITY LOCATIONS SHALL BE MADE BY THE OWNER, UNLESS OTHERWISE NOTED.
7. ADDITIONAL DEPTH REQUIRED IN DRAINAGE STRUCTURES DUE TO CONFLICTS WITH OTHER UTILITY LINES WILL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE BID FOR THE DRAINAGE STRUCTURE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER ON THE COVER SHEET.
9. ALL DETAILS IN THESE PLANS SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL GOVERN.
10. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
11. EXISTING MAILBOXES SHALL BE TEMPORARILY RELOCATED FOR CONTINUED OPERATION AS NECESSARY DURING CONSTRUCTION. MAIL BOXES SHALL BE RELOCATED TO THEIR FINAL LOCATION AFTER CONSTRUCTION AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

**RATES OF APPLICATION TABLE**

AGGREGATE (SURFACE, BASE, BASE, OR BACKFILL)	2.05 TON/CU YD
SUBBASE GRANULAR MATERIAL, TYPE C	1.80 TON/CU YD
STONE DUMPED RIPRAP	1.50 TON/CU YD
<b>BITUMINOUS CONCRETE:</b>	
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQ YD (on pavement)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON/SQ YD (on aggregate)
AGGREGATE PRIME COAT	0.002 TON/SQ YD
BITUMINOUS CONCRETE SURFACE / BINDER	0.056 TON/SQ YD*IN
<b>SEEDING AREAS:</b>	
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
AGRICULTURAL GROUND LIMESTONE	2 TON/ACRE
MULCH	2 TON/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE
<b>SODDING AREAS:</b>	
NITROGEN FERTILIZER NUTRIENT	0.0186 LBS/SQ YD
PHOSPHOROUS FERTILIZER NUTRIENT	0.0011 LBS/SQ YD
POTASSIUM FERTILIZER NUTRIENT	0.0074 LBS/SQ YD
AGRICULTURAL GROUND LIMESTONE	0.000046 TON/SQ YD
SUPPLEMENTAL WATERING	0.009 UNITS/SQ YD (3 appl. @ 3GAL/ SQ YD)
LIME FOR LIME MODIFIED SOILS, 12"	0.02 TON/SQ YD
WATER FOR LIME MODIFIED SOILS, 12"	0.007 UNITS/SQ YD (1 UNIT = 1000 GAL)